Fundamentals	Phased Locked Oscillator For Transmit and Receive Mixers Amateur Radio Equipment	K P Timmann, DJ9ZR	1969/1	11 - 25
2 m Band	A 2 Metre Converter With Field Effect Transistors	W v Schimmelmann, DL6SW	1969/1	2 - 10
Antenna Technology	The HB8CV Antenna for VHF and UHF	H J Franke, DK1PN	1969/1	26 - 30
2 m Band	144 MHz / 432 MHz Transverter for Low Power and Field Day Applications	L Wagner, DL9JU	1969/1	31 - 35
70 cm Band	144 MHz / 432 MHz Transverter for Low Power and Field Day Applications	L Wagner, DL9JU	1969/1	31 - 35
23 cm Band	A Solid State Converter for 24 cm	R Lentz, DL3WR	1969/1	36 - 53
2 m Band	A 144 MHz Adapter dor use with a 10 Metre SSB Transceiver	E Krahe, DL9GU	1969/1	54 - 61
Fundamentals	Preamplifiers to Improve Speech Intelligibility Under Poor Operating Conditions	E Schmitzer, DJ4BG	1969/2	110 - 114
2 m Band	A Modern Concept for Portable 2 Metre Receivers	E Schmitzer, DJ4BG	1969/2	115 - 122
4 m Band	The 70 MHz DL6SW FET Converter	D T Hayter, G3JHM	1969/2	123
Fundamentals	A Coaxial Relay with a High Coupling Attenuation and Good SWR	E Berberich, DL8ZX	1969/2	124 - 125
2 m Band	432/144 MHz Converter with Silicon Transistor Complement	E Krahe, DL9GU	1969/2	65 - 72
70 cm Band	432/144 MHz Converter with Silicon Transistor Complement	E Krahe, DL9GU	1969/2	65 - 72
2 m Band	A 5 Watt Transistorised SSB Tramsmitter for 145 MHz	K P Timmann, DJ9ZR	1969/2	73 - 82
Power Supplies	A 12 / 24 v DC - DC converter	K P Timmann, DJ9ZR	1969/2	83 - 84
Fundamentals	Regarding the DJ7ZV / DJ9ZR Phased Locked Oscillator	G Loebell, DJ6AH	1969/2	85 - 86
Oscillators	Variable Frequency Crystal Oscillator (VXO)	K P Timmann, DJ9ZR	1969/2	87 - 94
2 m Band	432/144 MHz Converter with Silicon Transistor Complement	E Krahe, DL9GU	1969/2	96 - 97
70 cm Band	432/144 MHz Converter with Silicon Transistor Complement	E Krahe, DL9GU	1969/2	96 - 97
Antenna Technology	Determining the Impedance of Rod Antennas in the VHF Range	H J Dohlus, DJ3QC	1969/2	98 - 109
Fundamentals	The Effesct of the Printed Circuit Base Material on the Q of Printed Inductances	K P Timmann, DJ9ZR	1969/3	127 - 128
2 m Band	A 145 MHz / 9 MHz Receive Converter Using Printed Inductances	K P Timmann, DJ9ZR	1969/3	129 - 135
Shortwave & IF Modules	A 9 MHz IF - AF Portion Using Integrated Circuits	K P Timmann, DJ9ZR	1969/3	136 - 150

Fundamentals	Linear Integrated Circuits for Amateur Applications	D E Schmitzer, DJ4BG	1969/3	151 - 157
Shortwave & IF Modules	A 9 MHz IF - AF Portion Using Integrated Circuits	K P Timmann, DJ9ZR	1969/3	158 - 159
Antenna Technology	Determining the Impedance od Quarter Wave Ground Plane Antennas	H J Dohlus, DJ3QC	1969/3	160 - 168
Fundamentals	A Calibrated Attenuator	J Wasmus, DJ4AU	1969/3	169 - 173
Fundamentals	A Simple Electronic Fuse	G Laufs. DL6HA	1969/3	174 - 178
2 m Band	The 2 Metre Transmitter UTS5 with 2 Watts Mean Output at an Operating Voltage of 12 v	E Flugel, DJ1NB	1969/3	179 - 187
2 m Band	A 28 MHz / 144 MHz Transistorised Transverter	F Weigartner, DJ6ZZ	1969/4	189 - 195
Fundamentals	Linear Integrated Circuits for Amateur Applications	D E Schmitzer, DJ4BG	1969/4	196 - 204
2 m Band	A Bandpass Filter for 145 MHz	K Maiwald, DJ4FH	1969/4	205 - 208
Oscillators	A Three Stage VFO for 48.0 to 48.7 MHz	G Hoffschildt, DL9FX	1969/4	209 - 214
2 m Band	Automatic Search Oscillator for Two Metre Converter	H Wilhelm, DL8AT	1969/4	215 - 217
Oscillators	Automatic Search Oscillator for Two Metre Converter	H Wilhelm, DL8AT	1969/4	215 - 217
Audio Frequency Technology	Active Audio Filters Part I	D E Schmitzer, DJ4BG	1969/4	218 - 225
Audio Frequency Technology	Active Audio Filters Part II	D E Schmitzer, DJ4BG	1969/4	226 - 235
2 m Band	A Balloon Carried Translator	K Meinzer, DJ4ZC	1969/4	236 - 241
70 cm Band	A Ten Watt Transmitter for 70 cm	H J Franke, DK1PN	1969/4	243 - 248
2 m Band	The 144 MHz Converter with Dual Gate MOSFET Mixer	G Laufs, DL6HA	1970/1	1 - 11
Antenna Technology	A Tiltable Antenna with Selectable Polarity	E Reith, DJ9JT	1970/1	12 - 20
Fundamentals	Is FM Advantageous on the VHF - UHF bands	D E Schmitzer, DJ4BG	1970/1	21 - 24
Oscillators	Frequency Modulation of Crystal Controlled Oscillators by Use of Resistor Diodes	G Damm, DM2WD	1970/1	25 - 27
Oscillators	Narrow Band Frequency Modulation of Overtone Crystal Oscillators	E Harmet, OE6TH	1970/1	28 - 30
Oscillators	A 48 MHz VFO for 144 MHz Transmitters	H Matuschek, DJ3MY	1970/1	31 - 37
Measuring Technology	A Calibration Spectrum Generator for Two Meters	H Gotting, DL3XW	1970/1	38 - 40

2 m Band	Modification of the DJ9ZR 001 5 W SSB Transmitter	H U Beitz, DJ8XR	1970/1	40
2 m Band	A Transistorised Calibration Spectrum Generator for Two Meters	H Gotting, DL3XW	1970/1	41 - 44
Measuring Technology	A Transistorised Calibration Spectrum Generator for Two Metres	H Gotting, DL3XW	1970/1	41 - 44
2 m Band	Simple Compact PA Stages for Two Meters Part 1	D Grossmann, DJ4RX	1970/1	45 - 55
10 m Band	An IF Diplexer (28 - 30 MHz)	E Reitz, DJ9JT	1970/1	56 - 57
Shortwave & IF Modules	An IF Diplexer (28 - 30 MHz)	E Reitz, DJ9JT	1970/1	56 - 57
Shortwave & IF Modules	Cascode IF Stages	D E Schmitzer, DJ4BG	1970/1	58 - 59
10 m Band	FET's in the 28/144 MHz Transverter DJ6ZZ 001	F Weingartner, DJ6ZZ	1970/2	103 - 104
2 m Band	FETs in the 28/144 MHz Transvertter DJ6ZZ 001	F Weingartner, DJ6ZZ	1970/2	103 - 104
Fundamentals	A Digital Discriminator Accessory for FM Demodulation	D E Schmitzer, DJ4BG	1970/2	105 - 110
Shortwave & IF Modules	A Digital Discriminator Accessory for FM Demodulation	D E Schmitzer, DJ4BG	1970/2	105 - 110
2 m Band	Simple Compact PA Stages for Two Meters Part 2	D Grossmann, DJ4RX	1970/2	111 - 122
70 cm Band	Cheap Varactor Diodes for the 70 cm Transmitter, Using the EC8020 Tube	H J Franke, DK1PN	1970/2	123
Shortwave & IF Modules	Correction to the 9 MHz IF - AF Module DJ9ZR 005	G Strossner, DJ2VN	1970/2	124 - 126
Shortwave & IF Modules	An SSB Transceiver with Silicon Transistors Complement, Part 2 : The 9 MHz Transceiver	G Laufs, DL6HA	1970/2	65 - 75
Power Supplies	Stable Reference Voltages	H J Franke, DK1PN	1970/2	76 - 86
23 cm Band	A Universal VHF-UHF Transmitter for AM and FM	R Lentz, DL3WR	1970/2	87 - 102
70 cm Band	A Universal VHF-UHF Transmitter for AM and FM	R Lentz, DL3WR	1970/2	87 - 102
2 m Band	A SSB Transceiver with Silicon Transistors Part 3	G Laufs, DL6HA	1970/3	129 - 146
Shortwave & IF Modules	An SSB Transceiver with Silicon Transistor Complement, Part 3 9 MHz / 14 MHz Transmit Receive Conv.	G Laufs, DL6HA	1970/3	129 - 146
Fundamentals	Experiments with a Crystal Discriminator	D E Schmitzer, DJ4BG	1970/3	147 - 152
Shortwave & IF Modules	Experiments with a Crystal Discriminator	D E Schmitzer, DJ4BG	1970/3	147 - 152

2 m Band	A Universal VHF - UHF Transmitter for AM and FM. Second Concluding Part	R E Lentz, DL3WR	1970/3	153 - 159
23 cm Band	A Universal VHF-UHF Transmitter for AM and FM. Second Concluding Part	R Lentz, DL3WR	1970/3	153 - 159
70 cm Band	A Universal VHF-UHF Transmitter for AM and FM, Part 2	R Lentz, DL3WR	1970/3	153 - 159
23 cm Band	70 cm - 23 cm Stripline Varactor Tripler	H J Franke, DK1PN	1970/3	160 - 165
2 m Band	Coaxial Low Pass Filters for VHF and UHF	H J Dohlus, DJ3OC	1970/3	166 - 178
Filters	Coaxial Low Pass Filters for VHF and UHF	H J Dohlus, DJ3OC	1970/3	166 - 178
70 cm Band	Coaxial Low Pass Filter for VHF and UHF	H J Dohlus, DJ3OC	1970/3	166 -178
Power Supplies	Electronically Stabalised Power Supply with DC - DC Converter	K P Timmann, DJ9ZR	1970/3	179 - 185
Miscellaneous	A Simple Rotary Coaxial Coupling	P Saffron, DC8OH	1970/3	186 - 187
Miscellaneous	Circuits in the 9 MHz Portion of the DL6HA Transceiver	R Stormer, DJ3FT	1970/3	187 - 188
Miscellaneous	Modifications for the S Meter and Control Voltage	G Laufs, DL6HA	1970/3	187 - 188
Shortwave & IF Modules	Modifications for the S Meter and Control Voltage Circuits in the 9 MHz Portion of DL6HA Transceiver	G Laufs, DL6HA	1970/3	187 - 188
2 m Band	A SSB Transceiver with Silicon Transistors Part 4	G Laufs, DL6HA	1970/4	193 - 200
Shortwave & IF Modules	An SSB Transceiver with Silicon Transistor Complement, Part 4 : Power Supply and AF Amplifier	G Laufs, DL6HA	1970/4	193 - 200
2 m Band	PCB for the Two Crystal Oscillators of the 144 MHz-14 MHz MOSFET Converter used in DL6HA Transceiver	H Kahlert, DL3YKR	1970/4	201 - 204
Oscillators	PC Board for the 2 Crystal Oscillators of the 144-14 MHz MOSFET Converter used in DL6HA SSB Trancvr.	H Kahlert, DL3YKR	1970/4	201 - 204
Oscillators	Synthesis VFO for 24 MHz	R Lentz, DL3WR	1970/4	205 - 209
Audio Frequency Technology	Steep Skirted Active Audio Filters	D E Schmitzer. DJ4BG	1970/4	210 - 216
Filters	Steep Skirted Active Audio Filters	D E Schmitzer, DJ4BG	1970/4	210 - 216
Audio Frequency Technology	Speech Processing	D E Schmitzer. DJ4BG	1970/4	217 - 224
70 cm Band	Stripline Transverter for 70 cm	K Eichel, DC6HY	1970/4	225 - 239
2 m Band	A Simple VHF-UHF Calibraton Spectrum Generator	K Eichel, DC6HY	1970/4	240 - 243

23 cm Band	A Simple VHF-UHF Calibration Spectrum Generator	K Eichel, DC6HY	1970/4	240 - 243
70 cm Band	A Simple VHF-UHF Calibration Spectrum Generator	K Eichel, DC6HY	1970/4	240 - 243
Measuring Technology	A Simple VHF-UHF Calibration Spectrum Generator	K Eichel, DC6HY	1970/4	240 - 243
Measuring Technology	Neutralisation of the DL3XW / DJ4BG Calibration Spectrum Generator	D E Schmitzer, DJ4BG	1970/4	244
2 m Band	Two Circuits for Automatic Band Scanning, Part 1: A Simple Band Scanner	E G Hoffschildt, DL9FX	1970/4	245 - 248
Miscellaneous	Two Circuits for Automatic Band Scanning, Part 1 : A Simple Band Scanner	E G Hoffschildt, DL9FX	1970/4	245 - 248
Audio Frequency Technology	Speech Processing - Practical Circuit of an Efficient Clipper	D E Schmitzer. DJ4BG	1971/1	1 - 5
2 m Band	An Inexpensive Power Amplifier Module for 200 W PEP on 144 MHz Using two PL504 Tubes	V Thun, DJ7ZV	1971/1	14 - 29
2 m Band	Variable Frequency Operation on 2 Meters Using the VFO of a Shortwave Transmitter	F Boersch, DK1YZ	1971/1	30 - 32
Oscillators	Variable Frequency Operation on 2 Metres Using the VFO of a Shortwave SSB Transmitter	F Boersch, DK1YZ	1971/1	30 - 32
70 cm Band	A 70 cm Transmitter with VXO Exciter	E Berberich, DL8ZX	1971/1	33 - 39
Oscillators	A 70 cm Transmitter with VXO Exciter	E Berberich, DL8ZX	1971/1	33 - 39
Measuring Technology	A Simple Method of Measuting the Frequency Deviation	C Grey, VE2AQX	1971/1	40 - 43
2 m Band	A Synthesis VFO for 144 - 146 MHz or 135 - 137 MHz	G Bergmann, DJ7JX	1971/1	44 - 55
Oscillators	A Synthesis VFO for 144 - 146 MHz or 135 - 137 MHz	G Bergmann, DJ7JX	1971/1	44 - 55
2 m Band	Two Circuits for Automatic Band Scanning, Part 2 : Scanner with Stop Device and Frequency Display	E G Hoffschildt, DL9FX	1971/1	56 - 61
Miscellaneous	Two Circuits for Automatic Band Scanning, Part 2 : Scanner with Stop Device and Frequency Display	E G Hoffschildt, DL9FX	1971/1	56 - 61
Miscellaneous	Demands Made on a Balloon Caried Translator	D Vollhardt, DL3NQ	1971/1	6 - 13
Miscellaneous	Plug In Modular Equipment	D E Schmitzer, DJ4BG	1971/2	107 - 109
2 m Band	A Modular Receiver System	D E Schmitzer, DJ4BG	1971/2	110 - 114

Audio Frequency Technology	An Integrated Audio Amplifier Using the PA237	D E Schmitzer. DJ4BG	1971/2	115 - 120
Power Supplies	Universal Power Supply Using an Integrated DC Voltage Stabaliser	H J Franke, DK1PN	1971/2	121 - 126
2 m Band	A 2 m Walky Talky	H Werner, DC9MD	1971/2	66 - 81
2 m Band	A Quadruple Quad Antenna - An Efficient Portable Antenna for 2 Meters	M Ragaller, DL6DW	1971/2	82 - 84
Antenna Technology	A Quadruple Quad Antenna - An Efficient Portable Antenna for 2 Metres	M Ragaller, DL6DW	1971/2	82 - 84
Antenna Technology	Standing Wave Ratio and Cable Attenuation	J Strrm, DC6YE	1971/2	85 - 88
Fundamentals	Standing Wave Ratio and Cable Attenuation	J Sturm, DC6YE	1971/2	85 - 88
2 m Band	Simple Stripline Reflectometers for 144 and 432 MHz	R Griek, DK2VF	1971/2	89 - 92
70 cm Band	Simple Stripline Reflectometers for 144 MHz and 432 MHz	R Griek, DK2VF	1971/2	89 - 92
Measuring Technology	Simple Stripline Reflectometers for 144 and 432 MHz	R Griek, DK2VF	1971/2	89 - 92
Miscellaneous	OSCAR 6 - Technical Description	AMSAT	1971/2	93 - 97
10 m Band	A 28 MHz - 432 MHz Transmit Converter with FET mixer	F Weingartner, DJ6ZZ	1971/2	99 - 106
70 cm Band	A 28 MHz - 432 MHz Transmit Converter with FET Mixer	F Weingartner, DJ6ZZ	1971/2	99 - 106
23 cm Band	A 4 Element Yagi Antenna for 23 cm	H W Binder, DC8XB	1971/3	132 - 133
Antenna Technology	A 4 Element Yagi Antenna for 23 cm	H W Binder, DC8XB	1971/3	132 - 133
23 cm Band	A 23 cm Converter with Hot Carrier Diode Mixer	L Wagner, DL9JU	1971/3	134 - 140
23 cm Band	Interdigital Bandpass Filter for 23 cm	H J Franke, DK1PN	1971/3	141 - 144
Filters	Interdigital Bandpass Filter for 23 cm	H J Franke, DK1PN	1971/3	141 - 144
2 m Band	A Ground Station for Satellite Communications via OSCAR 6	Dr A Gscwindt, HA8WH	1971/3	145 - 149
70 cm Band	A Ground Station for Satellite Communications via OSCAR 6	Dr A Gschwindt, HA8WH	1971/3	145 - 149
Miscellaneous	A Ground Station for Satellite Communications via OSCAR 6	Dr A Gschwindt, HA8WH	1971/3	145 - 149
Fundamentals	Basic Digital Circuits	D E Schmitzer, DJ4BG	1971/3	150 - 155
Measuring Technology	A Wideband Preamplifier for Frequency Counters up to 60 MHz	W R Kritter, DL8TM	1971/3	156 - 158

Measuring Technology	A Four Digit Frequency Counter Module for Frequencies up to 30 MHz	F Weingartner, DJ6ZZ	1971/3	159 - 171
13 cm Band	A New Method of Frequency Multiplication for VHF and UHF SSB	K Meinzer, DJ4ZC	1971/3	172 - 176
23 cm Band	A New Method of Frequency Multiplication for VHF and UHF SSB	K Meinzer, DJ4ZC	1971/3	172 - 176
Fundamentals	A New Method of Frequency Multiplication for VHF and UHF SSB	K Meinzer, DJ4ZC	1971/3	172 - 176
2 m Band	A Transistorised Power Amplifier for Two Meters, Using the 2N3632	H J Brandt, DJ1ZB	1971/3	177 - 189
Fundamentals	AM Demodulators Using Silicon Semiconductors	D E Schmitzer, DJ4BG	1971/3	190 - 193
Measuring Technology	A Digital Calibration Spectrum Generator	D E Schmitzer, DJ4BG	1971/4	194 - 205
Shortwave & IF Modules	A Digital Calibration Spectrum Generator	D E Schmitzer, DJ4BG	1971/4	194 - 205
2 m Band	Notes and Improvements to the DC9MD Mini Walky Talky	Editors	1971/4	205 - 206
Fundamentals	Striplines for VHF and UHF	K Hupfer, DJ1EE	1971/4	207 - 216
70 cm Band	Simple 70 cn Transverter for Portable Equipment	J Reithofer, DL6MH	1971/4	217 - 221
23 cm Band	Inexpensive Varactor Diodes	Editors	1971/4	221
70 cm Band	Inexpensive Varactor Diodes	Editors	1971/4	221
Miscellaneous	Inexpensive Varactor Diodes	Editors	1971/4	221
70 cm Band	Stripline Bandpass Filter for 70 cm	J Reihofer, DL6MH	1971/4	222 - 223
Filters	Stripline Bandpass Filter for 70 cm	J Reithofer, DL6MH	1971/4	222 - 223
Audio Frequency Technology	An Audio Frequency RTTY Converter	Dr A Gschwindt, HA8WH	1971/4	224 - 232
Audio Frequency Technology	A Simple Modulator for FM Transmitters	K P Timmann, DJ9ZR	1971/4	233 - 234
2 m Band	A Transistorised Power Amplifier for 2 m Using the 2N3632 - Concluding Second Part	H J Brandt, DJ1ZB	1971/4	235 - 247
2 m Band	Frequency Multiplication with High Spurious Signal Rejection	D E Schmitzer, DJ4BG	1971/4	248 - 250
Fundamentals	Signal Rejection	D E Schmitzer, DJ4BG	1971/4	248 - 250
Oscillators	Calculation for Linear VFO	H Schoften, DJ1FO	1972/1	16 - 19
2 m Band	Portable SSB Transceiver for 144 - 146 MHz with FM Attachment - Part 1 : Circuit Description	G Otto, DC6HL	1972/1	2 - 15

Measuring Technology	A Digital Calibration Spectrum Generator. Part 2 : 1.001 MHz Accesory and Power Supply	D E Schmitzer, DJ4BG	1972/1	20 - 25
2 m Band	Modifying a 27 MHz Walky Talky to 2 m	E Ritter, DJ4OG	1972/1	26 - 33
Audio Frequency Technology	An Integrated AF Amplifier and Voltage Stabaliser	D E Schmitzer, DJ4BG	1972/1	34 - 39
Power Supplies	An Integrated AF Amplifier and Voltage Stabaliser	D E Schmitzer, DJ4BG	1972/1	34 - 39
Miscellaneous	Conversion Table mm/cm to inches	Dr A Gschwindt, HA8WH	1972/1	39
Shortwave & IF Modules	A 9 MHz IF Module for Frequency Modulation	D E Schmitzer, DJ4BG	1972/1	40 - 45
2 m Band	Transistorised Linear Amplifier for 2 Meters	E Berberich, DL8ZX	1972/1	46 - 54
Fundamentals	Circulators and Isolators	R Lentz, DL3WR	1972/1	55 - 60
Miscellaneous	A 50 MHz Transverter by Modification of Receive Converter DL6HA 001 and Transmit Converter DL6HA 005	R Eide, W0ENC	1972/2	103 - 106
Shortwave & IF Modules	A 50 MHz Transverter by Modification of Receive Converter DL6HA 001 and Transmit Converter DL6HA 005	R Eide, W0ENG	1972/2	103 - 106
Power Supplies	A 12 W DC - DC Converter for 12 V / 28 V	H J Franke,DK1PN	1972/2	107 - 110
Measuring Technology	A 200 kHz Receiver for Synchronising 1 MHz Oscillator to the Droitwich Longwave Transmitter	E Schmitzer, DJ4BG	1972/2	111 - 118
Oscillators	A 200 kHz Receiver for Synchronising 1 MHz Oscillatotrs to the Droitwich Longwave Transmitter	D E Schmitzer, DJ4BG	1972/2	111 - 118
Miscellaneous	FM Repaeters in Germany	T Bittan, G3JVQ	1972/2	119 - 120
Oscillators	A Wideband Ring Mixer with Schottky Diodes	R Lentz, DL3WR	1972/2	121 - 124
2 m Band	Portable SSB Transceiver for 144 - 146 MHz with FM Attachment, Part 2 : Construction and Alignment	G Otto, DC6HL	1972/2	66 - 79
Fundamentals	Phase Locked Circuits	T Schad, DJ8ES	1972/2	80 - 87
70 cm Band	An 18 W Power Amplifier for 432 MHz with Printed Striplines	K Hupfer, DJ1EE	1972/2	88 - 91
23 cm Band	23 cm Preamplifier with Printed Micro Striplines	K Hupfer, DJ1EE	1972/2	92 - 95
2 m Band	Portable SSB Transceiver for 144 - 146 MHz with FM Attachment, Part 2 : Photo of DC6HL 001	G Otto, DC6HL	1972/2	96 - 97
Fundamentals	Circulators and Isolators, Part 2	R Lentz, DL3WR	1972/2	98 - 102

Fundamentals	Dimensioning of Microstripline Circuits	W Schumacher, DJ9XN	1972/3	130 - 143
70 cm Band	A Stripline Power Amplifier for 70 cm Using a 2C39 Tube	A Tautrim, DJ2PU	1972/3	144 - 157
23 cm Band	Home-Made Reflectometer for 100 - 1400 MHz	R Griek, DK2VF	1972/3	164 - 166
Measuring Technology	Home Made Reflectometer for 100 - 1400 MHz	R Griek, DK2VF	1972/3	164 - 166
Miscellaneous	Recommended Standards for FM Repeaters and Fixed Channel FM Stations in the 2 m band	T Bittan, G3JVQ	1972/3	167 - 168
Weather Satellite Reception	Modifying the DLHA 001/28 Dual Gate MOSFET Converter for Reception of Weather Satellites	T Bittan, G3JVQ	1972/3	167 - 168
10 m Band	Diplex Amplifier for 28 - 30 MHz	G Ruhr, OH2KT/DL7IM	1972/3	171 - 173
Miscellaneous	List of the TEKO Modules Already Described and Future Additions	D E Schmitzer, DJ4BG	1972/3	174
Oscillators	A Crystal Oscillator Module with Three Independent Oscillators	D E Schmitzer, DJ4BG	1972/3	175 - 179
Measuring Technology	A Simple FET Tester	H Matuschek, DJ3MY	1972/3	180 - 183
Amateur Television	Amateur Television	T Bittan, G3JVQ	1972/3	184 - 190
Fundamentals	VHF Transequatorial Propogation	R L Harrison, VK2ZTB	1972/4	194 - 206
2 m Band	Portable SSB Transceiver for 144 - 146 MHz with FM Attachment, Part 2 : Corrections and Improvements	Editors	1972/4	207
Miscellaneous	OSCAR 6	AMSAT Newsletter	1972/4	208 - 211
Shortwave & IF Modules	An Integrated Receiver System for AM, FM, SSB and CW	H J Franke, DK1PN	1972/4	212 - 215
Fundamentals	Dimensioning of Microstripline Circuits, Part 2	W Schumacher, DJ9XN	1972/4	216 - 228
Measuring Technology	Further Developments of the Four Digit Frequency Counter	F Weingartner, DJ6ZZ	1972/4	229 - 234
Measuring Technology	A Stable Crystal Controlled Oscillator in the order of 10 to minus 7 for Frequency/Time Measurement	R Gorl, DL1XX	1972/4	235 - 240
Oscillators	A Stable Crystal Controlled Oscillator in the order of 10 to minus 7 for Frequency/Time Measurement	R Gorl, DL1XX	1972/4	235 - 240
Amateur Television	Amateur Television Part 2	T Bittan, G3JVQ	1972/4	241 - 252
Measuring Technology	Recommended Modifications to the Calibration Spectrum Generator	D E Schmitzer, DJ4BG	1973/1	16 - 17

Fundamentals	VHF Transequatorial Propogation	R L Harrison, VK2ZTB	1973/1	18 - 23
Amateur Television	A Modular ATV Transmitter	G Sattler, DJ4LB	1973/1	2 - 15
Shortwave & IF Modules	A Shortwave Receiver Module for Use with VHF Converters or for Direct Reception	D E Schmitzer, DJ4BG	1973/1	24 - 32
2 m Band	A Modular Six Channel FM Receiver	D E Schmitzer, DJ4BG	1973/1	33 - 36
2 m Band	Automatic 10 Channel Scanner for FM Stations	U Tillmann, DJ5UO	1973/1	37 - 45
Shortwave & IF Modules	An Integrated Receiver System for AM, FM, SSB and CW, Development Report	H J Franke, DK1PN	1973/1	46
Shortwave & IF Modules	An Integrated Receiver System for AM, FM, SSB and CW, Part 2 ; The SSB IF Portion	H J Franke, DK1PN	1973/1	47 - 53
Amateur Television	An ATV Pulse Centre	K Wilk, DC6YF	1973/1	54 - 59
Antenna Technology	Circular Polarisation on 2 Metres	T Bittan, G3JVQ	1973/2	104 - 109
Antenna Technology	Theory, Advantages and Types of Antennas for Circular Polarisation at UHF	Dr Ing A Hock, DC0MT	1973/2	110 - 115
Oscillators	Temperature Compensated Oscillator with Varactor Tuning	T Schad, DJ8ES	1973/2	116 - 122
2 m Band	A Miniature AM/CW/FM Transmitter for 144 MHz	B Dietrich, DJ8PG	1973/2	123 - 125
Amateur Television	A Modular ATV Transmitter Part 2	G Sattler, DJ4LB	1973/2	66 - 80
2 m Band	A 144 MHz Linear Amplifier with 25 W Output at 12 V to 14 V	G Otto, DC6HL	1973/2	81 - 90
Measuring Technology	A Dual Input Preamplifier with 2:1 Prescaler for Frequency Counters from 1 Hz to Min 100 MHz	W R Kritter, DL8TM	1973/2	91 - 94
Measuring Technology	A Six Digit Frequency Counter for Frequencies between 1 Hz and Typically 100 MHz	W R Kritter, DL8TM	1973/2	95 - 103
2 m Band	FM Transceiver with Multichannel Synthesiser Part 1: 80 Channel Synthesiser for 25 kHz Spacing	J Kestler, DK1OF	1973/3	130 - 145
Oscillators	FM Transceiver with Multichannel Synthesiser, Part 1 : 80 Channel Synthesiser for 25 kHz Spacing	J Kestler, DK1OF	1973/3	130 - 145
Shortwave & IF Modules	FM Transceiver with Multichannel Synthesiser, Part 1 : 80 Channel Synthesiser for 25 kHz Spacing	J Kestler, DK1OF	1973/3	130 - 145
Fundamentals	Adjusting the Operating Point of Field Effect Transistors	D E Schmitzer, DJ4BG	1973/3	146 - 153

Measuring Technology	A 10:1 Prescaler and Preamplifier with an Upper Frequency Limit of 250 MHz for Frequency Counters	J Grimm, DJ6PI	1973/3	154 - 159
70 cm Band	Receive Converter 432 MHz / 28 MHz, Matching the Transmit Converter DJ6ZZ 002	J Dahms, DC0DA	1973/3	160 - 164
Miscellaneous	Notes on the 28 MHz / 432 MHz Transmit Conveter DJ6ZZ 002	J Dahms, DC0DA	1973/3	165 - 166
Antenna Technology	Further Data for Construction of Horn Antennas for the 10 GHz band	T Kolpin, DK1IS	1973/3	167
Oscillators	An Integrated Receiver System for AM, FM, SSB and CW, Part 3 : The Carrier Oscillator	H J Franke, DK1PN	1973/3	169 - 170
Shortwave & IF Modules	An Integrated Receiver System for AM, FM, SSB and CW, Part 3 : The Carrier Oscillator	H J Franke, DK1PN	1973/3	169 - 170
Miscellaneous	OSCAR 6 Operations Summary	P L Klein, K3JTE	1973/3	171 - 172
70 cm Band	Miniature Receive Converter for 432 MHz/144 MHz for Portable Operation and DF Hunts	G Hoffschildt, DL9FX	1973/3	173 - 176
Amateur Television	TV Pattern Generator	K Wilk, DC6YF	1973/3	177 - 189
2 m Band	9 MHz FM Exciter Matching the 80 Channel Synthesiser	J Kestler, DK1OF	1973/4	194 - 202
Measuring Technology	Digital Voltmeter	K Wilk, DC6YF	1973/4	203 - 207
Audio Frequency Technology	An Integrated Receiver System for AM, FM, SSB and CW Part 4 : AF Amplifier and CW Filter	H J Franke, DK1PN	1973/4	208 - 211
Shortwave & IF Modules	An Integrated Receiver System for AM, FM, SSB and CW, Part 4 : AF Amplifier and CW Filter	H J Franke, DK1PN	1973/4	208 - 211
Shortwave & IF Modules	An Integrated Receiver System for AM, FM, SSB and CW, Part 5 : Input Module and FM Portion	H J Franke, DK1PN	1973/4	212 - 219
Antenna Technology	Antenna Notebook	T Bittan, G3JVQ	1973/4	220 - 223
Fundamentals	Antenna Notebook : Circular Polarization	T Bittan, G3JVQ	1973/4	220 - 223
Miscellaneous	OSCAR 6 : Antenna Direction as a Function of Time for a Ground Station in Western Europe	G3WPO, OE6TH, DJ3RV	1973/4	224 - 225
Miscellaneous	Summary of the AMSAT OSCAR B Spacecraft System	P Klein, K3JTE	1973/4	226 - 227
Miscellaneous	An 8 W SSB Tramsmitter Suitable for OSCAR 6 and 7	K P Timmann, DL9ZR	1973/4	228 - 233
2 m Band	Mini MOSFET Converter for 2 Meters	B Lijbbe, DJ5XA	1973/4	234 - 239

Miscellaneous	Linear Repeater OK0A	Editors	1973/4	240
Oscillators	Variable Frequency Oscillator Module for the Modular Receiver System	D E Schmitzer, DJ4BG	1973/4	241 - 249
Amateur Television	TV Pattern Generator, Additional Board Grid and Dot Generator	K Wilk, DC6YF	1973/4	250 - 254
Measuring Technology	Simple Digital Voltmeter	K Wilk, DC6YF	1974/1	18 - 29
Measuring Technology	Precision Reflectometer for 0 to 3200 MHz	H Tietenthaler, OE5THL	1974/1	2 - 17
70 cm Band	Transistorised Linear Amplifier for 70 cm	G Freytag, DJ3SC	1974/1	30 - 37
Antenna Technology	Antenna Notebook	T Bittan, G3JVQ	1974/1	38 - 41
Antenna Technology	Calculation of the Elevation and Azimuth Angles for Antenna Control for Moonbounce Communications	P Raicgle, DJ6XV	1974/1	42 - 45
Miscellaneous	Notes and Modifications	Editors	1974/1	46 - 49
Miscellaneous	Amateur Radio Satellite OSCAR 7	AMSAT	1974/1	50 - 56
Miscellaneous	European Band Plan for VHF and UHF bands	Editors	1974/1	57
Audio Frequency Technology	An Integrated Receiver System for AM, FM, SSB and CW Part 6 : PSU, AF Low Pass Filter and S Meter	H J Franke, DK1PN	1974/2	107 - 113
Oscillators	Phased Locked Oscillator for 144 MHz	J Kestler, DK1OF	1974/2	114 - 124
Miscellaneous	Amateur Radio Satellite OSCAR 7	AMSAT	1974/2	125 - 126
23 cm Band	Precission Reflectometer for 0 to 2300 MHz	H Tiefenthaler, OE5THL	1974/2	2 - 17
2 m Band	A Programmable Fox Hunt DF Receiver for 2 Meters	G Hoffschildt, DL9FX	1974/2	66 - 81
Antenna Technology	Antenna Notebook	T Bittan, G3JVQ	1974/2	82 - 84
23 cm Band	Six Element Collinear Antenna with Reflector Plate for the 24 Cm Band Using Stripline Balun	M Munich, DJ1CR	1974/2	85 - 88
Antenna Technology	Six Element Collinear Antenna with Reflector Plate for the 24 cm band using Stripline Balun	M Munich, DJ1CR	1974/2	85 - 88
70 cm Band	A linear Transverter for 2 m / 70 cm with Double Conversion	W Rahe, DC8NR	1974/2	89 - 106
2 m Band	A 400 Channel Synthesiser for 2 m	J Kestler, DK1OF	1974/3	130 - 141
Oscillators	A 400 Channel Synthesiser for 2 m	J Kestler, DK1OF	1974/3	130 - 141

Antenna Technology	Losses Encountered when Interconnecting Cables Having Incorrect Impedance	Dr P Brumm, DL7HG	1974/3	142 - 146
Measuring Technology	Losses Encountered when Interconnecting Cables Having the Incorrect Impedance	Dr P Brumm, DL7HG	1974/3	142 - 146
Antenna Technology	Antenna Notebook	T Bittan, G3JVQ	1974/3	147 - 148
Antenna Technology	A Helical Antenna for 70 cm	W Stich, OE1GHB	1974/3	149 - 155
Shortwave & IF Modules	An Integrated Receiver System for AM, FM, SSB and CW, Part 7 : The AM Portion	H J Franke, DK1PN	1974/3	156 - 160
Miscellaneous	Notes and Modifications	Editors	1974/3	161 - 167
Shortwave & IF Modules	An Integrated Receiver System for AM, FM, SSB and CW, Part 8 : The System Board	H J Franke, DK1PN	1974/3	161 - 167
2 m Band	2 m Converter with Extremely High Selectivity	H Sutterlin, DL1LS	1974/3	168 - 173
Power Supplies	Integrated 5 V Voltage Stabaliser for 1 A	U Tilimann, DJ5UO	1974/3	174 - 176
Measuring Technology	High Impedance Preamplifier for Frequency Counters fro DC to 60 MHz	H U Schmidt, DJ6TA	1974/3	177 - 182
Miscellaneous	New West German Repeater Allocations	T Bittan, G3JVQ	1974/3	183 - 185
Amateur Television	A Domestic TV Receiver as a Video Monitor	K Wilk, DC6YF	1974/3	186 - 190
Fundamentals	Meteor Scatter, Theory and Practice	Th Dambold, DJ5DT	1974/4	194 - 203
2 m Band	Receive Converter 144 MHz / 9 MHz with Schottky Diode Ring Mixer	J Kestler, DK1OF	1974/4	204 - 214
Shortwave & IF Modules	Product Detector and Crystal Oscillators for the Modular Receiver	D E Schmitzer, DJ4BG	1974/4	215 - 219
Shortwave & IF Modules	A System Board for the TEKO Modules	D E Schmitzer, DJ4BG	1974/4	220 - 229
Measuring Technology	A 500 MHz Prescaler and Preamplifier for Frequency Counters	G Bergmann, DJ7JX	1974/4	230 - 237
13 cm Band	A Stripline Converter for the 13 cm Band	K Hupfer, DJ1EE	1974/4	238 -245
13 cm Band	2160 MHz Local Oscillator for 13 cm Converters	K Hupfer, DJ1EE	1974/4	246 - 247
Oscillators	2160 MHz Local Oscillator for 13 cm Converters	K Hupfer, DJ1EE	1974/4	246 - 247
Antenna Technology	Antenna Notebook : OSCAR 7 Antennas	T Bittan, G3JVQ	1974/4	248 - 251

Miscellaneous	An Integrated Receiver System for AM, FM, SSB and CW, Part 8 : The System Board	H J Franke, DK1PN	1974/4	252 - 255
Audio Frequency Technology	Active Bandpass Filters Using RC Components Part 1 : Theory	D E Schmitzer, DJ4BG	1975/1	15 - 20
Oscillators	An SSB Exciter with RF Clipper	J Kestler, DK1OF	1975/1	2 - 14
Shortwave & IF Modules	An SSB Exciter with RF Clipper	J Kestler, DK1OF	1975/1	2 - 14
Antenna Technology	Antenna Notebook : Further Details on Circular Polarisation	T Bittan, G3JVQ	1975/1	21 - 25
Antenna Technology	Measurements on a Quadruple Quad Antenna	G Schwarzbeck, DL1BU	1975/1	26 - 31
Antenna Technology	A Long Yagi Antenna for 1296 MHz	R Lentz, DL3WR	1975/1	32 - 33
Shortwave & IF Modules	SSB / CX IF Module and AGC Circuit	D E Schmitzer, DJ4BG	1975/1	34 - 39
2 m Band	Using the Phase Locked Oscillator for Repaeter/Duplex with frequency spacing 1.6 MHz or 0.6 MHz	H Hanserl, OE5AN	1975/1	40 - 41
Oscillators	Using the Phased Locked Oscillator DK1OF 01 for Repeater/Duplex Operation for 1.6 or 0.6 MHz Spacing	H Hanserl, OE5AN	1975/1	40 - 41
Fundamentals	A Linear Transponder for Amateur Radio Satellites	Dr K Meinzer, DJ4ZC	1975/1	42 - 57
Miscellaneous	A Linear Transponder for Amateur Radio Satellites	Dr K Meinzer, DJ4ZC	1975/1	42 - 57
Antenna Technology	A Stacked Tubular Slot Antenna for the 23 cm band	G Korner, DK2LR	1975/2	103 - 105
Antenna Technology	A Four Element Yagi Antenna for the 23 cm band using Stripline Balun	B Lubbe, DJ5XA	1975/2	106 - 107
Antenna Technology	A 40 Element Collinear Antenna for 23 cm	G Korner, DK2JR	1975/2	108 - 110
Amateur Television	Modifications to the ATV Transmitter DJ4LB	P A Johnson, G8EIM	1975/2	111 - 115
Miscellaneous	Notes and Modifications	Editors	1975/2	116 - 117
Measuring Technology	A Standard Frequency Oscillator with an Accuracy of 10 to minus eight	R Gorl, DL1XX	1975/2	118 - 126

Oscillators	A Standard Frequency Oscillator with an Accuracy of 10 to minus eight	R Gorl, DL1XX	1975/2	118 - 126
3 m Band	A Stereo VHF/FM Receiver with Frequency Synthesiser - Part 1: Circuit Description	J Kestler, DK1OF	1975/2	66 - 77
Miscellaneous	A stereo VHF/FM Receiver with Frequency Synthesis, Part 1 : Circuit Description	J Kestler, DK1OF	1975/2	66 - 77
70 cm Band	A Simple 70 cm Power Amplifier Equipped with the 2C39	K Weiner, DJ9HO	1975/2	78 - 82
70 cm Band	A Versatile 70 cm Converter with Schottky Diode Mixer	B Lubbe, DJ5XA	1975/2	83 - 89
Amateur Television	A Veratile 70 cm Converter with Schottky Diode Mixer	B Lubbe, DJ5XA	1975/2	83 - 89
13 cm Band	An SHF Wavemwter	K Hupfer, DJ1EE	1975/2	90 - 92
23 cm Band	An SHF Wavemeter	K Hupfer, DJ1EE	1975/2	90 - 92
Measuring Technology	An SHF Wavemeter	K Hupfer, DJ1EE	1975/2	90 - 92
Audio Frequency Technology	Active Bandpass Filters Using RC Components Part 2 : Practical Construction	D E Schmitzer, DJ4BG	1975/2	93 - 102
3 m Band	A Stereo VHF/FM Receiver with Frequency Synthesiser - Part 2: Construction	J Kestler, DK1OF	1975/3	130 - 145
23 cm Band	A Transmit Mixer and Linear Amplifier for 23 cm Using Four 2C39 Tubes	R Jux, DJ6UT	1975/3	146 - 160
13 cm Band	A Receive Converter for the 13 cm Band	A Schiidlich, DL2AS	1975/3	161 - 167
Miscellaneous	Notes and Modifications	Editors	1975/3	167
Antenna Technology	Antenna Notebook : Antennas for MobileTelecommunications	T Bittan, G3JVQ	1975/3	168 - 173
Miscellaneous	Preliminary Exaluation of the Telemetry From OSCAR 7	R Niefind, DK2ZF	1975/3	174 - 188
2 m Band	A Transmit Converter for 144 MHz with Schottky Ring Mixer	F Weingartner, DJ6ZZ	1975/4	194 - 199
3 m Band	A Stereo VHF/FM Receiver with Frequency Synthesiser - Part 3: Power Supply and notes	J Kestler, DK1OF	1975/4	200 - 202
Miscellaneous	Constant Amplitude SSB - Advantageous or Not ?	R Lentz, DL3WR	1975/4	203 - 208
Oscillators	Constant Amplitude SSB - Advantageous or Not ?	R Lentz, DL3WR	1975/4	203 - 208
Measuring Technology	A Four Digit Frequency Counter for 250 MHz Using a 7 Segment LED Readout	E Zimmermann, HB9MIN	1975/4	209 - 214

Miscellaneous	AMSAT Phase III Program	D Hull, VK3ZDH	1975/4	215 - 216
Fundamentals	Noise in Receive Systems	R Lentz, DL3WR	1975/4	217 - 235
13 cm Band	A Collinear Antenna for the 13 cm Band	K Hupfer, DJ1EE	1975/4	236 - 238
Antenna Technology	A Collinear Antenna for the 13 cm band	K Hupfer, DJ1EE	1975/4	236 - 238
2 m Band	A Miniature Receiver for the 2 m Band	G Ruhr, OH2KT	1975/4	239 - 243
2 m Band	A Simple Bandpass Filter for the 2 m Band	H J Brandt, DJ1ZB	1975/4	244 - 249
Filters	A Simple Bandpass Filter for the 2 m band	H J Brandt, DJ1ZB	1975/4	244 - 249
Measuring Technology	A Numerical Indication System	K Wilk, DC6YF	1975/4	250 - 251
Miscellaneous	A Numerical Indication System, Part 1	K Wilk, DC6YF	1975/4	250 - 251
Fundamentals	Matching Circuits for Schottky Ring Mixers	J Kestier, DK1OF	1976/1	13 - 18
Amateur Television	ATV Information	J Grimm, DJ6PI	1976/1	19 - 23
2 m Band	SALZBURG 1 - A Fox Hunt Receiver for the 2 m Band	P Goschlberger, OE2JG	1976/1	2 - 12
2 m Band	FM Hand Held Transceiver for the 2 m Band	R Tellert, DC3NT	1976/1	24 - 32
Measuring Technology	A Numerical Indication System, Part 2	K Wilk, DC6YF	1976/1	33 - 49
Miscellaneous	A Numerical Indication System, Part 2	K Wilk, DC6YF	1976/1	33 - 49
Miscellaneous	A Simple Digital Clock	K Wilk, DC6YF	1976/1	50 - 54
Antenna Technology	Antenna Notebook	T Bittan, G3JVQ	1976/1	55 - 60
2 m Band	FM Hand Held Transceiver for the 2 m Band, Part 2: Construction and Alignment	R Tellert, DC3NT	1976/2	100 - 115
2 m Band	Concept of a Combined SSB Station for both 2 m and 70 cm	A Wurzinger, DJ4BH	1976/2	116 - 117
70 cm Band	Concept of a Combined SSB Station for both 2 m and 70 cm	A Wurzinger, DJ4BH	1976/2	116 - 117
Measuring Technology	A Precision Digital Multimeter, Part 1 : Analogue/Digital Converter, Decoder and Indicator Modules	J Kestler, DK1OF	1976/2	118 - 127
23 cm Band	A Relatively Simple Linear Transmit Converter from 144 MHz to 1296 MHz	W Rahe, DC8NR	1976/2	66 - 79
23 cm Band	Receive Converter with Schottky Diode Mixer for 24 cm	B Lubbe, DJ5XA	1976/2	80 - 89
Amateur Television	Receive Converter with Schottky Diode Mixer for 24 cm	B Lubbe, DJ5XA	1976/2	80 - 89

Amateur Television	ATV Information	J Grimm, DJ6PI	1976/2	90 - 95
Shortwave & IF Modules	Ten Meter Version of the DC6HL Transceiver	K Ochs, DJ6BU	1976/2	95 - 99
Antenna Technology	The Most Important Features and Characteristics of GHz Antennas	H Berner, VDE/NTG	1976/3	130 - 141
70 cm Band	A Transmit Converter for 432 MHz with Schottky Ring Mixer	F Weingartner, DJ6ZZ	1976/3	142 - 150
Fundamentals	Design of Transistor Frequency Multipliers	Dr Ing H Schierholt, DL3ZU	1976/3	151 - 154
Amateur Television	Estimating the Signal To Noise Ratio of an ATV Link	R Lentz, DL3WR	1976/3	155 - 157
Fundamentals	Estimating the Signal To Noise Ratio of an ATV Link	R Lentz, DL3WR	1976/3	155 - 157
Miscellaneous	Estimating the Signal To Noise Ratio of an ATV Link	R Lentz, DL3WR	1976/3	155 - 157
Miscellaneous	Modifications of the STE Receiver ARAC 102 for Reception of the OSCAR Satellites in 10 m and 2m band	AMSAT Mewsletter	1976/3	158
Shortwave & IF Modules	A Universal Converter for HF and VHF	J Kestler, DK1OF	1976/3	159 - 174
Audio Frequency Technology	A Second Version of the Modular AF Amplifier and Voltage Stabaliser	D E Schmitzer, DJ4BG	1976/3	175 - 180
Measuring Technology	A Precision Digital Multimeter, Part 2 : Input Amplifier and Power Supply	J Kestler, DK1OF	1976/3	181 - 191
13 cm Band	A Converter for the 13 cm Band Equipped with Two Preamplifier Stages and An Active Mixer	J Dahms, DC0DA	1976/4	194 - 201
13 cm Band	A Converter for the 13 cm Band Part 2: The Local Oscillator Module	J Dahms, DC0DA	1976/4	202 - 206
Antenna Technology	Tubular Radiator for Parabolic Antennas in the 13 cm band	H J Griem, DJ1SL	1976/4	207 - 214
13 cm Band	Interdigital Filters for the 24 cm and 13 cm Band	R Griek, DK2VF	1976/4	215 - 220
23 cm Band	Interdigital Filters for the 24 cm and 13 cm Band	R Griek, DK2VF	1976/4	215 - 220
Antenna Technology	Balun Transformers for 23 cm and 13 cm from Semi Ridgid Cable	Editors	1976/4	221
23 cm Band	A Power Amplifier for the 23 cm Band Equipped with the 2C39 Tube	Editors	1976/4	222 - 231
3 cm Band	Designation of the Microwave Bands and Waveguides	R Lentz, DL3WR	1976/4	232 - 233
Fundamentals	Designation of the Microwave Bands and Waveguides	R Lentz, DL3WR	1976/4	232 - 233

13 cm Band	Mixer and Preamplifier Noise at SHF	D Vollhardt, DL3NQ	1976/4	234 - 242
Fundamentals	Mixer and Preamplifier Noise at SHF	D Voilhardt, DL3NQ	1976/4	234 - 242
Miscellaneous	VHF Services Suitable for Use as Propogation Indicators	T Bittan, G3JVQ	1976/4	243 - 246
Measuring Technology	A Sensitive 500 MHz 10:1 Prescaler and Preamplifier for Frequency Counters	J Grimm, DJ6PI	1976/4	247 - 251
Audio Frequency Technology	Calling Tone Decoder and Oscillator	R Reuter, DC6FC	1976/4	252 - 255
70 cm Band	Two Stage ATV Linear Amplifier for 435 MHz	G Sattler, DJ4LB	1977/1	10 - 13
Amateur Television	Two Stage ATV Linear Amplifier for 435 MHz	G Sattler, DJ4LB	1977/1	10 - 13
Amateur Television	A Vestigal Sideband Filter for ATV	J Grimm, DJ6PI	1977/1	14 - 18
3 cm Band	Getting Started on the 10 GHz Band	Dr D Evans, G3RPE	1977/1	19 - 29
Amateur Television	Transistor Linear Amplifiers for ATV Operation	G Sattler, DJ4LB	1977/1	2 - 9
Antenna Technology	Horn Antennas for the 10 GHz band	Dr Dain Exans, G3RPE	1977/1	28 - 29
2 m Band	A Power Amplifier for the Two Meter Band Using the Tube QQE06-40	H J Dierking, DJ6CA	1977/1	30 - 36
Fundamentals	Reducing the Output Power of Transistorised SSB Transmitters and Transverters	H J Dierking, DJ6CA	1977/1	37
Fundamentals	Overtone Crystal Oscillators in Series and Parallel Resonance	H J Brandt, DJ1ZB	1977/1	38 - 43
2 m Band	Interesting Linear Integrating Circuits	D E Schmitzer, DJ4BG	1977/1	44 - 51
Audio Frequency Technology	Interesting Linear Integrated Circuits	D E Schmitzer, DJ4BG	1977/1	44 - 51
Shortwave & IF Modules	Interesting Linear Integrated Circuits	D E Schmitzer, DJ4BG	1977/1	44 - 51
Antenna Technology	Antenna Notebook	T Bittan, G3JVQ	1977/1	52 - 56
Antenna Technology	Corner Reflector Antennas	R Lentz, DL3WR	1977/1	57 - 58
Fundamentals	Stabalising the Operating Point of Transistors with Directly Grounded Emitter	E Schmitzer, DJ4BG	1977/2	100 - 103

70 cm Band	The 70 cm FM Transceiver ULM 70 Part 1: Introduction, Block Diagrams, Variations	I Sangmeister, DJ7OH	1977/2	104 - 108
Measuring Technology	A Spectrum Analyser for Amateur Applications	E Berberich, DL8ZX	1977/2	109 - 120
Audio Frequency Technology	A Triangular Wave Generator	H J Ehrke, DC7LE	1977/2	121 - 123
Measuring Technology	A Triangular Wave Generator	H J Ehrke, DC7LE	1977/2	121 - 123
3 cm Band	Introduction to Microwave Techniques a Description of a 10 GHz Transceiver	Dr Ing A Hock, DC0MT	1977/2	66 - 70
Antenna Technology	Horn Radiators for the 10 GHz band	Dr Ing A Hock, DC0MT	1977/2	69 - 70
70 cm Band	A Coaxial Line Power Amplifier for 70 cm Equipped with 4CX250B	W Rahe, DC8NR	1977/2	71 - 84
Power Supplies	A Coaxial Line Power Amplifier for 70 cm Equiped with the 4CX250B	W Rahe, DC8NR	1977/2	71 - 84
23 cm Band	Home-Made Finger Stock	J Nilsson, SM6FHI	1977/2	85 - 89
Miscellaneous	Home Made Finger Stock	J Nilsson, SM6FHI	1977/2	85 - 89
23 cm Band	An Absorption Wavemeter for 70 to 1350 MHz	J Dahms, DC0DA	1977/2	90 - 97
Measuring Technology	An Absorbtion Wavemeter for 70 MHz to 1350 MHz	J Dahms, DC0DA	1977/2	90 - 97
Fundamentals	Zener Diode Noise in Oscillator and Multiplier Circuits	H J Franke, DK1PN	1977/2	98 - 99
70 cm Band	The 70 cm FM Transceiver ULM 70 Part 2: The receiver	I Sangmeister, DJ7OH	1977/3	130 - 142
2 m Band	Selective Frequency Multipliers	H J Brandt, DJ1ZB	1977/3	143 - 151
Fundamentals	Selective Frequency Multipliers	H J Brandt, DJ1ZB	1977/3	143 - 151
70 cm Band	A Simple Bandpss Filter for the 70 cm band	H J Brandt, DJ1ZB	1977/3	152 - 156
Filters	A Simple Bandpass Filter for the 70 cm band	H J Brandt, DJ1ZB	1977/3	152 - 156
Antenna Technology	Yagi Antennas - Principle of Operation and Optimum Design Criteria	G Hoch, DL6WU	1977/3	157 - 166
3 cm Band	Further Data for Construction of Horn Antennas for the 10 GHz Band	T Kolpin, DK1IS	1977/3	167
3 cm Band	A Transceiver for 10 GHz Part 2	Dr Ing A Hock, DC0MT	1977/3	168 - 178
Measuring Technology	Linear Capacitance Meter	R Reuter, DC6FC	1977/3	179 - 183

2 m Band	The AFC Loop - A Simple Cheap Method of Obtaining Stable VHF Frequencies	G Hoffschildt, DL9FX	1977/3	184 - 188
Fundamentals	The AFC Loop - A Simple and Cheap Method of Obtaining Stable VHF Frequencies	G Hoffschildt, DL9FX	1977/3	184 - 188
Oscillators	The AFC Loop - A Simple and Cheap Method of Obtaining Stable VHF Frequencies	G Hoffschildt, DL9FX	1977/3	184 - 188
70 cm Band	The 70 cm FM Transceiver ULM 70 Part 3: The transmitter	I Sangmeister, DJ7OH	1977/4	194 - 203
Antenna Technology	More Gain with Yagi Antennas	G Hoch, DL6WU	1977/4	204 - 211
23 cm Band	A Linear Transverter for 28 MHz - 1296 MHz with Push Pull Mixer	U Beckmann, DF8QK	1977/4	212 - 220
Oscillators	A Linear Transverter for 28 MHz - 1296 MHz with Push Pull Mixer	U Beckmenn, DF8OKJ	1977/4	212 - 220
Measuring Technology	DB1NV's Image Memory in Combination with HP141 Spectrum Analyser	Lorenz Oelschlegel, DL6NCI	1977/4	216 - 217
23 cm Band	Three Stage Preamplifier for the 23 cm Band	J Dahms, DC0DA	1977/4	221 - 228
70 cm Band	A New Concept for 2 m to 70 cm Transverters	E Berberich, DL8ZX	1977/4	229 - 232
Fundamentals	A New Concept for 2 m and 70 cm Transverters	E Berberich, DL8ZX	1977/4	229 - 232
Oscillators	A New Concept for 2 m to 70 cm Transverters	E Berberich, DL8ZX	1977/4	229 - 232
Amateur Television	A Modular ATV Transmitter with Video and Audio Modulation at IF Level	G Sattler, DJ4LB	1977/4	233 - 246
3 cm Band	A Transceiver for 10 GHz Part 3	Dr Ing A Hock, DC0MT	1977/4	247 - 255
23 cm Band	SHF Transmit Converter with a Varactor Diode with High Efficiency and Low Intermodulation - Part 1	H Fleckner, DG8UG	1978/1	12 - 17
Fundamentals	SHF Transmit Converter with a Varactor Diode with High Efficiency and Low Intermodulation	H Fleckner, DC8UG	1978/1	12 - 17
13 cm Band	A Local Oscillator Module for 200 mW at 1152 MHz	J Dahms, DC0DA	1978/1	18 - 22
23 cm Band	A Local Oscillator Module for 200 mW at 1152 MHz	J Dahms, DC0DA	1978/1	18 - 22
9 cm Band	A Local Oscillator Module for 200 mW at 1152 MHz	J Dahms, DC0DA	1978/1	18 - 22
Oscillators	A Local Oscillator Module for 200 mW at 1152 MHz	J Dahms, DC0DA	1978/1	18 - 22
13 cm Band	Narrow Band Filter for the 23 cm, 13 cm and 9 cm Band	D Vollhardt, DL3NQ	1978/1	2 - 11
23 cm Band	Narrow Band Filters for the 23 cm, 13 cm and 9 cm Band	D Vollhardt, DL3NQ	1978/1	2 - 11
9 cm Band	Narrow Band Filters for the 23 cm, 13 cm and 9 cm band	D Vollhardt, DL3NQ	1978/1	2 - 11
Filters	Narrow Band Filters for the 23 cm, 13 cm and 9 cm band	D Vollhardt, DL3NQ	1978/1	2 - 11
23 cm Band	Loop Yagi Antennas	R Lentz, DL3WR	1978/1	23 - 29

Antenna Technology	Loop Yagi Antennas	R Lentz, DL3WR	1978/1	23 - 29
2 m Band	A New Type of Preamplifier for 145 MHz and 435 MHz Receivers	M Martin, DJ7VY	1978/1	30 - 36
70 cm Band	A New Type of Preamplifier for 145 MHz and 435 HHz Receivers	M Martin, DJ7VY	1978/1	30 - 36
2 m Band	Antenna Splitting Filter for Broadcast and 144 MHz	J Kestler, DK1OF	1978/1	37 - 41
Antenna Technology	Antenna Splitting Filter for Broadcast and 144 MHz	J Kestler, DK1OF	1978/1	37 - 41
Filters	Antenna Splitting Filter for Broadcast and 144 MHz	J Kestler, DK1OF	1978/1	37 - 41
70 cm Band	The 70 cm FM Transceiver ULM 70 Part 4: Mechanical construction an wiring	I Sangmeister, DJ7OH	1978/1	42 - 47
Miscellaneous	Calculation of Distance and Antenna Direction from Two QTH Locators	O Schmidt, DL3OV	1978/1	48 - 52
Fundamentals	Applications of CMOS Circuits	G Heeke, DC1OW	1978/1	53 - 58
Fundamentals	Simplified Measurements of Spurious Signals of VHF Transmitters	H J Brandt, DJ1ZB	1978/1	59 - 61
Measuring Technology	Simplified Measurement of Spurious Signals of VHF Transmitters	H J Brandt, DJ1ZB	1978/1	59 - 61
2 m Band	A 400 W Power Amplifier for 145 MHz Equipped with the 4CX250	J Kestler. DK1OF	1978/2	100 - 113
Power Supplies	A 400 W Power Amplifier for 145 MHz Equipped with the 4CX250	J Kestler, DK1OF	1978/2	100 - 113
Antenna Technology	Electronic Control of Antenna Rotators Part 1: Programming Using Preset Trimmer Potentiometers	J Kestler, DK1OF	1978/2	114 - 118
Fundamentals	Atom Frequency Standards and Standard Frequency Transmitters	M Klein, DK7UF	1978/2	119 - 124
Measuring Technology	Atom Frequency Standards and Standard Frequency Transmitter	M Klein, DK7UF	1978/2	119 - 124
Miscellaneous	Atom Frequency Standards and Standard Frequency Transmitters	M Klein, DK7UF	1978/2	119 - 124
Oscillators	Loacal Oscillator for 1268 MHz Matching the Linear Transmit Converter DF8QK 001	U Beckmann, DF8QK	1978/2	125 - 126
23 cm Band	Local Oscillator for 1268 MHz	U Beckmann, DF8QK	1978/2	125 -126
Miscellaneous	Notes and Modifications	Editors	1978/2	127
23 cm Band	SHF Transmit Converter with a Varactor Diode with High Efficiency and Low Intermodulation - Part 2	H Fleckner, DG8UG	1978/2	66 - 81
70 cm Band	Harmonic Filter for the ULM 70 and ULM 70 S Transceivers	I Sangmeister, DJ7OH	1978/2	82 - 84
Filters	Harmonic Filter for the ULM 70 and ULM 70S Tranceivers	I Sangmeister, DJ7OH	1978/2	82 - 84
Oscillators	The ULM 70S - A FM Transceiver for the 70 cm band with Sythesiser	L Sangmeister, DJ7OH	1978/2	82 - 84

70 cm Band	The ULM 70 S - An FM Transceiver for the 70 cm band with Synthesiser	I Sangmeister, DJ7OH	1978/2	85 - 99
2 m Band	Synthesiser for the 2 m Band in C-MOS Technology	G Heeke, DC1QW	1978/3	130 - 144
Oscillators	Synthesiser for the 2 m band in C-MOS Technology	G Heeke, DC1QW	1978/3	130 - 144
Fundamentals	Diode Applications in Frequency Multipliers for the Microwave Range	H Fleckner, DC8UG	1978/3	145 - 153
13 cm Band	Interdigital Converters for the GHz Amateur Bands	J Dahms, DC0DA	1978/3	154 - 168
23 cm Band	Interdigital Converters for the GHz Amateur Bands	J Dahms, DC0DA	1978/3	154 - 168
9 cm Band	Interdigital Converters for the GHz Amateur bands.	J Dahms, DC0DA	1978/3	154 - 168
Filters	Interdigital Converters for the GHz Amateur bands. Coupled Microstrip Lines as Filters	J Dahms, DC0DA	1978/3	154 - 168
Weather Satellite Reception	Reception of the METEOSAT Weather Satellite	T Bittan, G3JVQ	1978/3	169 - 172
Antenna Technology	Calculation of the Elevation and Azimuth of the Antenna for METEOSAT Reception	R Lentz, DL3WR	1978/3	173 174
23 cm Band	An Inexpensive Power Amplifier for 24 cm Using 2C39	U Mallwitz, DK3UC	1978/3	175 - 185
70 cm Band	The Frequency Control Loop for a 433 MHz VCO	T Krieg, DK8GY	1978/3	186 - 190
Oscillators	A Frequency Control Loop for a 433 MHz VCO	T Krieg, DK8GY	1978/3	186 - 190
Miscellaneous	Notes and Modifications	Editors	1978/3	191
2 m Band	SUEDWIND - A 2 m FM Hand Held Transceiver with 80 0r 396 Channel Synthesiser and Touch Key Operation	J Becker, DJ8IL	1978/4	194 -212
2 m Band	A DF Receiver for the 2 m Band Equipped with Integrated Circuits, Crystal Filter and S Meter	M Schmausser, DL2DO	1978/4	213 - 217
2 m Band	A Modern Receive Conveter for 2 m Receivers Having a Large Dynamic Range and Low Intermodulation	M Martin, DJ7VY	1978/4	218 - 229
Shortwave & IF Modules	A Modern Receive Converter for 2 m Receivers, Having a Large Dynamic Range and Low Intermodulation	M Martin, DJ7VY	1978/4	218 - 229
Miscellaneous	More Details on Reception of the European Weather Satellite METEOSAT	R Lentz, DL3WR	1978/4	230 - 240
Weather Satellite Reception	More Details on Reception of the European Weather Satellite METEOSAT	R Lentz, DL3WR	1978/4	230 - 240
23 cm Band	Linear Transmit Converter	U Beckmann, DF8QK	1978/4	241 - 243

Oscillators	A 1268 MHz Local Oscillator Module for DF8OK 001	U Beckmann, DF9QK	1978/4	241 - 243
3 cm Band	The 10 GHz Amateur Band - Consideration of Present and Future Technologies	D Vollhardt, DL3NQ	1978/4	244 - 251
Fundamentals	The 10 GHz Amateur Band - Consideration of Present and Future Technologies	D Vollhardt, DL3NQ	1978/4	244 - 251
23 cm Band	A Transistorised Linear Amplifier for the 23 cm Band	J Dahms, DC0DA	1979/1	17 - 26
2 m Band	SUEDWIND - A 2 m FM Hand Held Transceiver with 80 0r 396 Channel Synthesiser and Touch Key Operation	J Becker, DJ8IL	1979/1	2 - 16
13 cm Band	A Transmit Mixer and Linear Amplifier for the 13 cm Band Equipped with a 2C39 Tube	H J Senckel, DF5OZ	1979/1	27 - 33
3 cm Band	The 10 GHz Amateur Band - Consideration of Present and Future Technologies - Part 2	D Vollhardt, DL3NQ	1979/1	34 - 42
Fundamentals	The 10 GHz Amateur Band - Consideration of Present and Future, Part 2 Technologies	D Vollhardt, DL3NQ	1979/1	34 - 42
3 cm Band	Calibration Spectrum Generator for the Microwave Bands up to 10 GHz	U Mallwitz, DK3UC	1979/1	43
Measuring Technology	Calibration Spectrum Generator for the Microwave bands up to 10 GHz	U Mallwitz, DK3UC	1979/1	43
2 m Band	An FM Transceiver for the 2 m Band Part 1 : The Receiver	J Kestier, DK1OF	1979/1	44 - 53
Audio Frequency Technology	An FM Transceiver for the 2 m band Part 1 : The Receiver	J Kestler, DK1OF	1979/1	44 - 53
Power Supplies	A Power Supply for 9 to 15 v / 25 A	H Liers, DB7ES	1979/1	54 - 60
2 m Band	An FM Transceiver for the 2 m Band Part 2 : The Transmitter	J Kestier, DK1OF	1979/2	103 - 113
2 m Band	SUEDWIND - For Mobile and DF Applications	J Becker, DJ8IL	1979/2	114 - 116
Fundamentals	Attenuators for Power Matching	E Wiedenmann, DL8XI	1979/2	117 - 124
Measuring Technology	Attenuators for Power Matching	E Wiedenmann, DL8XI	1979/2	117 - 124
3 cm Band	A Frequency Multiplier for Narrow Band 3 cm Band Communications	R Griek, DK2VF	1979/2	66 - 73
3 cm Band	A 3 cm Primary Radiator for Parabolic Antennas	R Griek, DK2VF	1979/2	74 - 75
Antenna Technology	A 3 cm Primary Radiator for Parabolic Antennas	R Griek, DK2VF	1979/2	74 - 75

13 cm Band	An SSB Transmitter for the 13 cm Band Using Envelope Elimination and Restoration	R V Galle, VK5OR	1979/2	76 - 84
13 cm Band	Interdigital Converters as Transmit Mixers	U Mallwitz, DK3UC	1979/2	85
Miscellaneous	Interdigital Converters as Transmit Mixers	U Mallwitz, DK3UC	1979/2	85
13 cm Band	SSB Transmit Mixer for the SHF Bands Part 1: 13 cm Band	R Heidemann, DC3OS	1979/2	86 - 96
23 cm Band	Technology and Frequency Plan for Repeater in the 23 cm Band	T Morznick, DD0QT	1979/2	97 - 102
Antenna Technology	A System for Reception and Display of Meteosat Images Part 1	R Tellert, DC3NT	1979/3	130 - 140
Weather Satellite Reception	A System for Reception and Display of METEOSAT Images, Part 1	R Tellert, DC3NT	1979/3	130 - 140
13 cm Band	A Frequency Doubler for the 13 cm Band with 6 W	O Frosinn, DF7OF	1979/3	141 - 143
9 cm Band	SSB Transmit Mixers for the SHF bands Part 2 : The 9 cm band	R Heidemann, DC3OS	1979/3	144 - 150
3 cm Band	A Simple Radiator for 3 cm Parabolic Dishes	R Heidemann, DC3OS	1979/3	151 - 153
Antenna Technology	A Simple Radiator for 3 cm Parabolic Antennas	R Heidemann, DC3OS	1979/3	151 - 153
Antenna Technology	Optimum Spacings of Directional Antennas	G Hoch, DL6WU	1979/3	154 - 161
2 m Band	A 20 W Power Amplifier with Integrated PA Module for FM Transceivers on the 2 m Band	J Becker, DJ8IL	1979/3	162 - 169
Fundamentals	Quadrature Demodulators	A Meier, DC7MA	1979/3	170 - 173
Miscellaneous	Quadrature Demodulation	A Meier, DC7MA	1979/3	170 - 173
Fundamentals	Design of Crystal Oscillator Circuits	B Neubig, DK1AG	1979/3	174 - 190
Oscillators	Design of Crystal Oscillator Circuits	B Neubig, DK1AG	1979/3	174 - 190
Weather Satellite Reception	A System for Reception and Display of METEOSAT Images, Part 2	R Tellert, DC3NT	1979/4	194 - 202
23 cm Band	Big Wheel - An Omnidirectional Antenna for the 23 cm Band	T Morznick, DD0QT	1979/4	203 - 207
Antenna Technology	Big Wheel - An Omnidirectional Antenna for the 23 cm band	Th Morzinck, DD0OT	1979/4	203 - 207
3 cm Band	A Transceiver for the 10 GHz Band	J Reithofer, DL6MH	1979/4	208 - 215
2 m Band	Single Stage 15 W Linear Amplifier for the 2 m Band	M Ulbricht, DB2GM	1979/4	216 - 222
Fundamentals	Design of Crystal Oscillator Circuits, Part 2	B Neubig, DK1AG	1979/4	223 - 237

Oscillators	Design of Crystal Oscillator Circuits, Part 2	B Neubig, DK1AG	1979/4	223 - 237
Antenna Technology	Electronic Control of Antenna Rotators Part 2 : Digital Programming with BCD Inputs	J Kestler, DK1OF	1979/4	238 - 250
Microcomputer Technology	Electronic Control of Antenna Rotators, Part 2 : Digital Programming with BCD Inputs	J Kestler, DK1OF	1979/4	238 - 250
Power Supplies	Using Silicon Solar Cells for Construction of Solar Batteries for Portable Operation	Editors	1979/4	251 - 253
Oscillators	A System for Reception and Display of METEOSAT Images, Part 3 : LO for VHF Receiver	R Tellert, DC3NT	1980/1	14 - 22
Weather Satellite Reception	A System for Reception and Display of METEOSAT Images, Part 3	R Tellert, DC3NT	1980/1	14 - 22
13 cm Band	Two Stage Low Noise Preamplifiers for the Amateur Bands from 24 cm to 12 cm	J Grimm, DJ6PI	1980/1	2 - 13
23 cm Band	Two Stage Low Noise Preamplifiers for the Amateur Bands from 24 cm to 12 cm	J Grimm, DJ6PI	1980/1	2 - 13
Fundamentals	Two Stage Low Noise Preamplifiers for the Amateur Bands from 24 to 12 cm	J Grimm, DJ6PI	1980/1	2 - 13
Fundamentals	Simplified Inductance Calculation for Small Air Spaced Coils	H Rathke, DC1OP	1980/1	23 - 24
Fundamentals	Simple Design of Quarter Wavelength Stripline Circuits	W Lerche, DC3CL	1980/1	25 - 28
Antenna Technology	A Remote Polarisation Switching Unit for Crossed Yagi Antennas	H Stoll, DG7SO	1980/1	33 - 35
Fundamentals	A Noise Blanker for Large Signal Conditions Suitable for Receivers Having a Large Dynamic Range, Pt1	M Martin, DJ7VY	1980/1	36 - 45
Shortwave & IF Modules	A Noise Blanker for Large Signal Conditions for SW and VHF Receivers Having Large Dynamic Range, Pt1	M Martin, DJ7VY	1980/1	36 - 45
6 cm Band	Receive Mixer for the 6 cm Band	R Heidemann, DC3OS	1980/1	46 - 50
3 cm Band	SSB on the 10 GHz Band - Information Regarding a Future Description in VHF Communications	H Fleckner, DC8UG	1980/1	51 - 52
Microcomputer Technology	A Micricomputer for Amateur Radio Applications, Part 1 : Introduction	W Kurz, DK2RY	1980/1	53 - 54
3 cm Band	Automatic Frequency Control + Suppression of Acoustic Feedback in Conjunction with 10 GHz Transceivr	Dr M Wieser, OE7WMI	1980/2	107 - 111

Microcomputer Technology	A Micricomputer for Amateur Radio Applications, Part 2 : Central Processing Unit	W Kurz, DK2RY	1980/2	112 - 124
Fundamentals	Determining the Sensitivity of Receive Systems with the Aid of Solar Noise	G Hoch, DL6WU	1980/2	66 - 72
Measuring Technology	Determining the Sensitivity of Receive Systems with Aid of Solar Noise	G Hoch, DL6WU	1980/2	66 - 72
Weather Satellite Reception	A System for Reception and Display of METEOSAT Images, Part 4	R Tellert, DC3NT	1980/2	73 - 87
10 m Band	A 29 MHz Transverter for use with 145 MHz Tranceivers	J Kestler, DK1OF	1980/2	88 - 95
Miscellaneous	Bandpass Link as Matching Circuit for Ring Mixers	J Kestler, DK1OF	1980/2	94 - 95
Fundamentals	A Noise Blanker for Large Signal Conditions Suitable for Receivers Having a Large Dynamic Range, Pt2	M Martin, DJ7VY	1980/2	96 - 106
Shortwave & IF Modules	A Noise Blanker for Large Signal Conditions for SW and VHF Receivers Having Large Dynamic Range, Pt2	M Martin, DJ7VY	1980/2	96 - 106
3 cm Band	SSB on the 10 GHz Band Part 1 : Generation of the Local Oscillator Frequency	H Fleckner, DC8UG	1980/3	130 - 138
Oscillators	SSB on the 10 GHz band, Part 1 : Generation of the Local Oscillator Frequency	G Bors, DB1PM	1980/3	130 - 138
1.5 cm Band	Home-Made Parabolic Dishes for Microwave Applications	S Reithofer, DL6MH	1980/3	139 - 145
3 cm Band	Home Made Parabolic Dishes for Microwave Applications	S Reithofer, DL6MH	1980/3	139 - 145
Antenna Technology	Home Made Parabolic Dishes for Microwave Applications	S Reithofer, DL6MH	1980/3	139 - 145
1.5 cm Band	Waveguide for the 24 GHz Band	E Schaefer, DL3ER	1980/3	146 - 147
70 cm Band	Modern Receive Converter fo 70 cm Receivers, Using DJ7VY 002 on the 70 cm band	M Lass, DJ3VY	1980/3	148 - 154
Oscillators	Modern Receive Converter for 70 cm Receiver, 8 Crystal Oscillators around 100 MHz on One Board	M Lass, DJ3VY	1980/3	148 - 154
Measuring Technology	An Automatic SWR Meter	J Kestler, DK1OF	1980/3	155 - 158
Measuring Technology	A Measuring System for Determining the Temperature Response of Crystals	M Arnoidt	1980/3	159 - 168

Weather Satellite Reception	A System for Reception and Display of METEOSAT Images, Part 5	R Tellert, DC3NT	1980/3	169 - 178
Microcomputer Technology	A Micricomputer for Amateur Radio Applications, Part 3 : Memory and System Bus	W Kurz, DK2RY	1980/3	179 - 191
Weather Satellite Reception	A System for Reception and Display of METEOSAT Images, Part 6	R Tellert, DC3NT	1980/4	194 - 210
Weather Satellite Reception	A Simple Converter for Reception of Weather Satellites in Conjunction with 2 m FM Receivers	H Kulmus, DJ8UZ	1980/4	211 - 214
2 m Band	An Up Converter for Extending the Frequency Range of Signal Generators	J M Noeding, LA8AK	1980/4	215 - 216
Measuring Technology	An Up Converter for Extending the Frequency Range of Signal Generators	J M Noeding, LA8AK	1980/4	215 - 216
Measuring Technology	Spectrum Analyser for VHF/UHF Amateur Constructing a Home Made Universal HF Module	E Berberich, DL8ZX	1980/4	217 - 225
2 m Band	A Home-Made Reflectometer for VHF and UHF Applications Manufactured from Plumbing Material	H C Als, DC4IQ	1980/4	226 - 229
23 cm Band	A Home-Made Reflectometer for VHF and UHF Applications Manufactured from Plumbing Material	H C Als, DC4IQ	1980/4	226 - 229
70 cm Band	A Home Made Reflectometer for VHF and UHF Applications, Manufactured from plumbing materials	H C Als, DC4IQ	1980/4	226 - 229
Measuring Technology	A Home made Reflectometer for VHF and UHF Applications Manufactured from Plumbing Materials	H C Als, DC4IQ	1980/4	226 - 229
2 m Band	A Simple Two Band Omnidirectional Antenna for 2 m and 70 cm	K J Schopf, DB3TB	1980/4	230 - 231
70 cm Band	A Simple Two Band Omnidirectional Antenna for 2 m and 70 cm	K J Schopf, DB3TB	1980/4	230 - 231
Antenna Technology	A Simple two Band Omnidirectional Antenna for 2 m and 70 cm	K J Schopf, DB3TB	1980/4	230 -231
Miscellaneous	An OSCAR Piptone Generator, BK Operation and Sidetone for the IC202, IC204 and IC245	E Lautenbacher, DC5NN	1980/4	232 - 235
9 cm Band	Local Oscillator, Transmit Mixer and Linear Amplifier for the 9 cm band	H J Senckel, DF5OZ	1980/4	236 - 245
Microcomputer Technology	A Micricomputer for Amateur Radio Applications, Part 4 : The Input Output Unit	W Kurz, DK2RY	1980/4	246 - 255

3 cm Band	SSB on the 10 GHz Band Part 3 : Intermediate Frequencies in the 2 m or 70 cm Band	H Fleckner, DC8UG	1981/1	13 - 17
70 cm Band	A Portable Home Made YAGI Antenna for the 70 cm band	H J Griem, DJ1SL	1981/1	18 - 24
Antenna Technology	A Portable Home Made Yagi Antenna for the 70 cm band	H J Griem, DJ1SL	1981/1	18 - 24
3 cm Band	SSB on the 10 GHz Band Part 2 : Waveguide Modules	H Fleckner, DC8UG	1981/1	2 - 12
23 cm Band	ATV Transmitter for the 24 Cm Band	G Sattler, DJ4LB	1981/1	25 - 30
Amateur Television	An ATV Transmitter for the 24 cm band Constructed From Modules Described in VHF Communications	G Sattler, DJ4LB	1981/1	25 - 30
Measuring Technology	A Digital Frequency Readout for Amateur Equipment with 9 MHz IF	G Heeke, DC1QW	1981/1	35
1.5 cm Band	Coaxial SHF Connectors Constructed from Bicycle Tire Valves	E Schaefer, DL3ER	1981/1	36 - 37
3 cm Band	Coaxial SHF Connectors Constructed from Bicycle Tire Valves	E Schaefer, DL3ER	1981/1	36 - 37
Measuring Technology	A Setable 45 MHz Counter	H Eckhardt, DF2FQ	1981/1	38 - 42
Weather Satellite Reception	A System for Reception and Display of METEOSAT Images, Part 7	R Tellert, DC3NT	1981/1	43 - 50
Microcomputer Technology	A Micricomputer for Amateur Radio Applications, Part 5 : The Clock Generator, RTC, Arithmetic Proc.	W Kurz, DK2RY	1981/1	51 - 59
1.5 cm Band	Chokes for Contactless Tuning of Waveguide Modules	E Schaefer, DL3ER	1981/2	105 - 107
3 cm Band	Chokes for Contactless Tuning of Waveguide Modules	E Schaefer, DL3ER	1981/2	105 - 107
3 cm Band	A New Method of Mounting and Feeding Gunn Elements Using a BNC Connector	K Buchenrieder, DD0MQ	1981/2	108 - 109
Weather Satellite Reception	A System for Reception and Display of METEOSAT Images, Part 8 : The Control Module for CRT	R Tellert, DC3NT	1981/2	110 - 118
Antenna Technology	A Simple Method of Switching the Direction of Circular Polarised Antennas	T Bittan, G3JVQ	1981/2	118
Microcomputer Technology	A Micricomputer for Amateur Radio Applications, Part 6 : Power Supply and Rotator Interface	W Kurz, DK2RY	1981/2	119 - 126
2 m Band	Low Noise VHF Oscillator with Diode Tuning, Digital Frequency Control and Frequency Indicator	M Martin, DJ7VY	1981/2	66 - 82

Oscillators	Low Noise VHF Oscillator with Diode Tuning, Digital Frequency Control and Frequency Indication	M Martin, DJ7VY	1981/2	66 - 82
Measuring Technology	A Setable Up Down Frequency Counter	J Kestler, DK1OF	1981/2	83 - 94
23 cm Band	A Linear Amplifier for 1250 MHz Using the BFQ68	G Sattler, DJ4LB	1981/2	95 - 98
Amateur Television	A Linear Amplifier for 1250 MHz Using the BFQ68	G Sattler, DJ4LB	1981/2	95 - 98
3 cm Band	Constant Amplitude PLL-SSB on the UHF and SHF Bands	O Frosinn, DF7OF	1981/2	99 - 104
9 cm Band	Constant Amplitude PLL SSB on the UHF and SHF bands	O Frosinn, DF7OF	1981/2	99 - 104
Fundamentals	Constant Amplitude PLL SSB on the UHF and SHF bands	O Frosinn, DF7OF	1981/2	99 - 104
23 cm Band	A 1.3 GHz Prescaler and Preamplifier for Frequency Counters	J Grimm, DJ6PI	1981/3	130 - 134
Measuring Technology	A 1.3 GHz Prescaler and Preamplifier for Frequency Counters	J Grimm, DJ6PI	1981/3	130 - 134
13 cm Band	An Extremely Low Noise 96 MHz Oscillator for UHF/SHF Applications, Part 1	B Neubig, DK1AG	1981/3	135 - 143
23 cm Band	An Exremely Low Noise 96 MHz Crystal Oscillator for UHF/SHF Applications	B Neubig, DK1AG	1981/3	135 - 143
3 cm Band	An Extremely Low Noise 96 MHz Crystal Oscillator for UHF/SHF Applications	B Neubig, DK1AG	1981/3	135 - 143
6 cm Band	An Extremely Low Noise 96 MHz Crystal Oscillator for UHF/SHF Applications	B Neubig, DK1AG	1981/3	135 - 143
9 cm Band	An Extremely Low Noise 96 Mhz Crystal Oscillator for UHF / SHF Applications	B Neubig, DK1AG	1981/3	135 - 143
Fundamentals	An Extremely Low Noise 96 MHz Crystal Oscillator for UHF / SHF Applications	B Neubig, DK1AG	1981/3	135 - 143
Oscillators	An Extremely Low Noise 96 MHz Crystal Oscillator for UHF / SHF Applications	B Neubig, DK1AG	1981/3	135 - 143
13 cm Band	Coupler Microstriplines as Filter	F Schmehr, DC8EC	1981/3	144 - 147
Fundamentals	Coupled Microstriplines as Filter	F Schmehr, DC8EC	1981/3	144 - 147
2 m Band	Close In DF Receiver for the 144 MHz Band	H W Storbeck, DL2DE	1981/3	148 - 151
Weather Satellite Reception	A System for Reception and Display of METEOSAT Images, Part 9 : CR Tube with X & Y Amp and EHT	R Tellert, DC3NT	1981/3	152 - 166
70 cm Band	A Ring Mixer Module for the DJ4LBI ATV Transmitter	B Roessle, DJ1JZ	1981/3	167 - 172

Amateur Television	A Ring Mixer Module for the DJ4LB ATV Transmitter	B Roessle, DJ1JZ	1981/3	167 - 172
Microcomputer Technology	A Micricomputer for Amateur Radio Applications, Part 7 : The TV Interface	W Kurz, DK2RY	1981/3	173 - 181
2 m Band	A Compact 144/28 MHz Transverter with Low Noise Preamplifier, Schottky Ring Mixer and Clean Signal	R Albert, DK8DD	1981/3	182 - 188
13 cm Band	An Extremely Low Noise 96 MHz Oscillator for UHF/SHF Applications, Part 2	B Neubig, DK1AG	1981/4	194 - 203
23 cm Band	A Home-Made UHF/SHF Power Meter	B Neubig, DK1AG	1981/4	194 - 203
3 cm Band	An Extremely Low Noise 96 MHz Crystal Oscillator for UHF/SHF Applications Part 2	B Neubig, DK1AG	1981/4	194 - 203
6 cm Band	An Extremely Low Noise 96 MHz Crystal Oscillator for UHF/SHF Applications Part 2	B Neubig, DK1AG	1981/4	194 - 203
9 cm Band	An Extremely Low Noise 96 Mhz Crystal Oscillator for UHF / SHF Applications, Part 2	B Neubig, DK1AG	1981/4	194 - 203
Fundamentals	An Extremely Low Noise 96 MHz Crystal Oscillator for UHF / SHF Applications, Part 2	B Neubig, DK1AG	1981/4	194 - 203
Oscillators	An Extremely Low Noise 96 MHz Crystal Oscillator for UHF / SHF Applications, Part 2	B Neubig, DK1AG	1981/4	194 - 203
13 cm Band	A Linear 1 W Power Amplifier for 2400 MHz	R Heidemann, DC3OS	1981/4	204 - 206
Weather Satellite Reception	A Receive Converter for Geostationary Weather Satellites METEOSAT, GOES, GMS, Part 1 The SHF Module	B Roessle, DJ1JZ	1981/4	207 - 213
Antenna Technology	Antennas for Reception of Orbiting Weather Satellites in the 137 MHz band	T Bittan, G3JVQ	1981/4	214 - 218
Weather Satellite Reception	Antennas for Reception of Orbiting Weather Satellites in the 137 MHz band	T Bittan, G3JVQ	1981/4	214 - 218
Weather Satellite Reception	Forecast the Reception Times of Orbiting Satellites	T Bittan. G3JVQ	1981/4	219 - 220
23 cm Band	A Noise Generator for VHF and SHF	O Frosinn, DF7OF	1981/4	221 - 229
Measuring Technology	A Home Made UHF / SHF Power Meter	O Frosinn, DF7QF	1981/4	221 - 229

Amateur Television	An Easy to Build TV Pattern Generator	L Damrow, DC7EP	1981/4	230 - 234
Measuring Technology	An Easy To Build Pattern Generator	L Damrow, DC7EP	1981/4	230 - 234
Measuring Technology	A Wavemeter for the Frequency Range 23.5 to 24.5 GHz	E Schaefer, DL3ER	1981/4	235 - 238
1.5 cm Band	A Wavemeter for the Frequency Range 23.5 to 24.5 GHz	E Schaefer, DL3ER	1981/4	235 -238
1.5 cm Band	Line-of-Sight Microwave Communications	H Schlager, OE3HSC	1981/4	239 - 243
3 cm Band	Line of Sight Microwave Communications	H Shlager, OE3HSC	1981/4	239 - 243
Antenna Technology	Line of Sight Microwave Communications	H Schlager, OE3HSC	1981/4	239 - 243
2 m Band	A Versatile IF Module Suitable for 2 m Receivers, or as an IF Module for the SHF Bands	F Krug, DJ3RV	1981/4	244 - 250
Fundamentals	A Versatile IF Module Suitable for 2 m Receivers, or as an IF Module for the SHF bands	F Krug, DJ3RV	1981/4	244 - 250
Shortwave & IF Modules	A Versatile IF Module Suitable for 2 m Receivers or as an IF Module for the SHF bands, Part 1	F Krug, DJ3RV	1981/4	244 - 250
Miscellaneous	The Output Power of a Transceiver can be Reduced Automatically on Switching on the Power Amplifier	J M Noeding, LA8AK	1981/4	251 - 252
Shortwave & IF Modules	A Wideband Driver for the Shortwave bands	Michael Martin, DJ7VY	1982/1	13 - 18
Antenna Technology	The Optimum S Element Antenna	Leif Asbrink, SM5BSZ	1982/1	19 - 23
Fundamentals	Coherent Communications Technology	Ulf-D Ernst, DK9KR	1982/1	2 - 3
Weather Satellite Reception	A Receive Converter for Geostationary Weather Satellites METEOSAT, GOES, GMS, Part 2 The LO Module	Benno Rossle, DJ1JZ	1982/1	24 - 30
1.5 cm Band	A Gunn Oscillator for the 24 GHz Band	Rolf Heidemann, DC3OS	1982/1	35 - 37
23 cm Band	Bias Voltage Circuits for Tubes of the 2C39/3CX100 Families	Michael Ulbricht, DB2GM	1982/1	38 - 43
70 cm Band	A Noise Generator for VHF and UHF	Michael Ulbricht, DB2GM	1982/1	38 - 43
Measuring Technology	A Noise Generator for VHF and UHF	Michael Ulbright, DB2GM	1982/1	38 - 43
Measuring Technology	Some Pitfalls in Noise Figure Measurement	J Gannaway, G3YGF	1982/1	44 - 48

2 m Band	Dynamic Range of 2 m Transceivers	L Asbrink, SM5BSZ	1982/1	49 - 55
Fundamentals	Dynamic Range of 2 m Transceivers Part 1 : Intro	Leif Asbrink, SM5BSZ	1982/1	49 - 55
2 m Band	Dynamic Range of 2 m Transceivers, Part 2 : Modifications to the TS700	L Asbrink, SM5BSZ	1982/1	56 - 58
Fundamentals	Stabalising the Operating Point of Preamplifiers and Linear Amplifiers	Fred Schmehr, DC8EC	1982/1	59 - 60
Miscellaneous	Switching Logic for Feeding Preamplifiers	J M Noeding, LA8AK	1982/1	81 - 83
2 m Band	Dynamic Range of 2 m Transceivers, Part 3 : Modifications to the IC211 and IC245	L Asbrink, SM5BSZ	1982/2	106 - 109
Measuring Technology	An RF Probe for Test and Measurement Purposes	Dr S Behrens, DC6NG	1982/2	110 - 111
Shortwave & IF Modules	A Versatile IF Module Suitable for 2 m Receivers or as an IF Module for the SHF bands, Part 2	Friedrich Krug, DJ3RV	1982/2	112 - 124
Fundamentals	Coherent Telegraphy Transmissions.	Charles Woodson, W6NEY	1982/2	66 - 76
2 m Band	Using the Dual Gate GaAsFET S3030 in a Low Noise Preamplifier for 144 MHz	Editors	1982/2	77 - 80
2 m Band	A VXO Local Oscillator for 144 MHz Transceivers	K Schoepf, DB3TB	1982/2	84 - 88
Oscillators	A VXO Local Oscillator for 144 MHz Transceivers	Klaus Schoepf, DB3TB	1982/2	84 - 88
6 cm Band	A Receive Conveter for the 6 cm Band	Thomas Morzinck, DD0OT	1982/2	89 - 93
3 cm Band	Experiments with a 10 GHz Frequency Multiplier with Interdigital Filter Coupling	Uli Mallwitz, DK3UC	1982/2	94 - 98
1.5 cm Band	A Straight-Through Mixer for 24 GHz	Sepp Reithofer, DL6MH	1982/2	99 - 105
Antenna Technology	Extremely Long Yagi Antennas	Guenter Hoch, DL6WU	1982/3	130 - 138
70 cm Band	Using the GaAs-FET S 3030 in a 70 cm Preamplifier	Editors	1982/3	139 - 141
9 cm Band	A Power Amplifier for 3456 MHz	Klaus Brocker, DK1UV	1982/3	142 - 147
13 cm Band	Bias Voltage for Tubes 2C39/3CX100	Jan M Noeding, LA8AK	1982/3	148 - 149
23 cm Band	A Helical Antenna for the 23 cm Band	Jan M Noeding. LA8AK	1982/3	148 - 149
9 cm Band	Bias Voltage Circuits for Tubes 2C39 / 3CX100	Jan M Noeding, LA8AK	1982/3	148 - 149
1.5 cm Band	A Gunn Oscillator, Detector and Mixer for 24 GHz	Erwin Schaefer, DL3ER	1982/3	150 - 154
Miscellaneous	A Simple Electronic Fuse	Lothar Damrow, DC7EP	1982/3	155 - 157

2 m Band	Dynamic Range of 2 m Transceivers, Part 4 : Modifications to the FT221	L Asbrink, SM5BSZ	1982/3	158 - 162
Fundamentals	The Optimum IF Selectivity for Coherent Telegraphy (CCW)	Bernd Neubig, DK1AG	1982/3	163 - 171
Shortwave & IF Modules	A Versatile IF Module Suitable for 2 m Receivers or as an IF Module for the SHF bands, Part 3	Friedrich Krug, DJ3RV	1982/3	172 - 189
Weather Satellite Reception	A Digital Storage and Scan Converter for Weather Satellite Images, Part 1	Matjaz Vidmar, YU3UMV	1982/4	194 - 208
6 cm Band	A 6 cm Transmitter for FM and SSB	Hans-J Senckel, DF5OZ	1982/4	209 - 213
1.5 cm Band	A Straight-Through Mixer for 24 GHz	Josef Fehrenbach, DJ7FJ	1982/4	214 - 218
1.5 cm Band	A Spectrum Generator for the 24 GHz Band	Erwin Schaefer, DL3ER	1982/4	219 - 222
70 cm Band	A Compact 70 cm Transverter for 2 m Transceivers	Bernd Bartkowiak, DK1VA	1982/4	227 - 235
Measuring Technology	A Spectrum Analyser for VHF/UHF Amateurs, Part 2 : PC Board for the Premixer Module	E Berberich, DL8ZX	1982/4	236 - 238
Shortwave & IF Modules	A Versatile IF Module Suitable for 2 m Receivers or as an IF Module for the SHF bands, Part 4	Friedrich Krug, DJ3RV	1982/4	239 - 252
Weather Satellite Reception	A Digital Storage and Scan Converter for Weather Satellite Images, Part 2	Matjaz Vidmar, YU3UMV	1983/1	12 - 25
Measuring Technology	A Home Made Automatic Noise Figure Measuring System, Part 1	Martin Dohlus	1983/1	2 - 11
2 m Band	A Mini SSB Transceiver for 144 MHz Part 1	G Otto, DC6HL	1983/1	26 - 31
2 m Band	A VFO with Frequency Locked Loop	Dr M Wieser, OE7WMI	1983/1	32 - 41
Fundamentals	A VFO with Frequency Locked Lop	Dr Manfred Wieser, OE7WMI	1983/1	32 - 41
3 cm Band	A Stripline GaAs-FET Preamplifier and Mixer for the 10 GHz band, Part 1	Erwin Schaefer, DL3ER	1983/1	42 - 48
Shortwave & IF Modules	A Versatile IF Module Suitable for 2 m Receivers or as an IF Module for the SHF bands, Part 5	Friedrich Krug, DJ3RV	1983/1	49 - 60
Miscellaneous	Improved Pin Diode Switch for Transmit / Receive Switching	Jan Martin Noeding, LA8AK	1983/2	101 - 102
Shortwave & IF Modules	A Versatile IF Module Suitable for 2 m Receivers or as an IF Module for the SHF bands, Part 6	Friedrich Krug, DJ3RV	1983/2	103 - 111

3 cm Band	A Stripline GaAs-FET Preamplifier and Mixer for the 10 GHz band, Part 2	Erwin Schaefer, DL3ER	1983/2	112 - 121
1.5 cm Band	Designation of the Microwave Bands and Waveguide Specifications	Editors	1983/2	122 - 123
Fundamentals	Designation of the Microwave Bands and Waveguide Specifications	Editors	1983/2	122 - 123
Miscellaneous	Briefly Speaking	Editors	1983/2	124 - 125
Measuring Technology	A Home Made Automatic Noise Figure Measuring System, Part 2	Martin Dohlus	1983/2	66 - 83
Weather Satellite Reception	A Digital Storage and Scan Converter for Weather Satellite Images, Part 3 : Synthetic Colour Module	Matjaz Vidmar, YU3UMV	1983/2	84 - 90
Weather Satellite Reception	Preliminary Experience with the Digital Storage Module described by YU3UMV	Editors	1983/2	91 - 92
2 m Band	A Mini SSB Transceiver for 144 MHz Part 2	G Otto, DC6HL	1983/2	93 - 100
2 m Band	V-MOS Transistors in Power Amplifiers for 144 MHz	H Braubach, DL1GBH	1983/3	130 - 140
Fundamentals	VMOS Transistors in Power Amplifiers for 144 MHz	Harald Braubach, DL1GBH	1983/3	130 - 140
Filters	Input Filters for Receive Applications in the 144 MHz Range	Istan Szabo, op of HA5KFV	1983/3	141 - 147
Fundamentals	Input Filters for Receive Applications in the 144 MHz Range	Istvan Szabo, op of HA5KFV	1983/3	141 - 147
2 m Band	Input Filters for Receive Applications in the 144 MHz Range	Istvan Szabo, HA5KVF	1983/3	141 -147
2 m Band	A Variable Crystal Oscillator (VXO) with a Pulling Range of Approximately 200 KHz at 144 MHz	G Otto, DC6HL	1983/3	148 - 152
Measuring Technology	Wideband Directional Coupler for VSWR Measurements on Receive Systems	Michael Martin, DJ7VY	1983/3	153 - 162
2 m Band	A 2 m/70 cm SSB Transmitter with High Spurious Rejection, Part 1	G Borchert, DF5FC	1983/3	163 - 170
70 cm Band	A 2 m / 70 cm SSB Transmitter with High Spurious Rejection Part 1	Gunther Borchert, DF5FC	1983/3	163 - 170
13 cm Band	A 13 cm Fully Transistorised Transverter	H J Senckel, DF5OZ	1983/3	171 - 181
Antenna Technology	Antenna Polarisation for OSCAR 10	Gunther Schwarzbeck, DL1BU	1983/3	182 - 183
23 cm Band	A 1296 MHz/144 MHz Converter equipped with the GaAsFET 3SK97	Hans-J Grimm, DJ1SL	1983/3	184 - 190

Antenna Technology	A Helical Antenna for the 23 cm band	Hans J Griem, DJ1SL	1983/3	184 - 190
Fundamentals	The Dielectric Resonator. A Miniature Component for Realising Stable Microwave Oscillators + Filters	Jochen Jirmann, DB1NV	1983/4	194 - 201
Antenna Technology	Determining the Antenna Gain in the GHz Range	Erich Stadler, DG7GK	1983/4	202 - 203
Measuring Technology	Determining the Antenna Gain in the GHz Range	Erich Stadler. DG7GK	1983/4	202 - 203
1.5 cm Band	A 30 MHz FM Receiver for SHF Receive Systems	Werner Hanschke, DC0RZ	1983/4	204 - 209
6 cm Band	A 6 cm Preamplifier equipped with the MGF1400 and a Push Pull Mixer for Transmit and Receive	Hans Wessels, PA2HWG	1983/4	210 - 217
13 cm Band	A Linear Transmit Converter for the 13 cm Band	Gerhard Schmitt, DJ5AP	1983/4	218 - 224
Measuring Technology	A Sensitive Thermal Power Meter	Carsten Vieland, DJ4GC	1983/4	225 - 231
23 cm Band	A 1296 MHz / 144 MHz Converter Equipped with the GaAs-FET 3SK97	Hans Wessels, PA2HWG	1983/4	232 - 234
2 m Band	A 2 m/70 cm SSB Transmitter with High Spurious Rejection, Part 2	G Borchert, DF5FC	1983/4	235 - 246
70 cm Band	A 2 m / 70 cm SSB Transmitter with High Spurious Rejection Part 2	Gunther Borchert, DF5FC	1983/4	235 - 246
2 m Band	Measuring Aids and a Harmonic Filter for the V-MOS Transistor 100 W Power Amplifier for 144 MHz	H Braubach, DL1GBH	1983/4	247 - 254
Filters	Measuring Aids and a Harmonic Filter for the V MOS Transistor 100 W Power Amplifier for 144 MHz	Harald Braubach, DL1GBH	1983/4	247 - 254
Measuring Technology	Measuring Aids and a Harmonic Filter for the V-MOS Transistor 100 W Power Amplifier for 144 MHz	Harald Braubach, DL1GBH	1983/4	247 - 254
9 cm Band	An SSB Transmit Mixer and Linear Amplifier foe 3456 MHz	Horst Burfeindt, DC9XG	1984/1	13 - 22
3 cm Band	A FM Transceiver for 10 GHz with Dielectrically Stabalised Oscillator	Jochen Jirmann, DB1NV	1984/1	2 - 12
Fundamentals	Using Smiths Diagrams	Erich Stadler, DG7GK	1984/1	23 - 28
Miscellaneous	A 2400 Hz Generator for Synchronisation of the METEOR Satellites	Editors	1984/1	29 - 30
Measuring Technology	Determining the Parameters of a Receive System in Conjunction with Cosmic Radio Sources	Dragoslav Dobricic, YU1AW	1984/1	35 - 50
23 cm Band	A 10 W Linear Amplifier for the 23 cm Band	Konrad Hupfer, DJ1EE	1984/1	51 - 55
Measuring Technology	A 5/50 W Power Meter with Dummy Load for Operation up to 1.3 GHz	Knut Brenndorfer, DF8CA	1984/1	56 - 61

Fundamentals	Introduction into Spread Spectrum Technology, Based on a Lecture at the Weinham VHF Convention 1982	H U Schmidt, DJ6TA	1984/2	115 - 126
Measuring Technology	A Home Made RF Millivoltmeter	B Kokot	1984/2	66 - 80
Weather Satellite Reception	The GOES Series of Geostationary Weather Satellites	Terry Bittan, G3JVQ	1984/2	81 - 88
3 cm Band	A 10 GHz FM Transceiver with DSO Another Version with a 30 MHz Intermediate Frequency	Jochen Jirmann, DB1NV	1984/2	89 - 90
Miscellaneous	A Control Circuit with Four Time Steps for Transmit Receive Switching	Gunter Sattler, DJ4LB	1984/2	91 - 95
Measuring Technology	A Receiver for the VLF Time and Frequency Standard Transmission from DCF77	Friedrich Krug, DJ3RV	1984/2	96 - 114
Weather Satellite Reception	A Low Noise Preamplifier for Weather Satellites Reception at 1.7 GHz	Losef Grimm, DJ6PI	1984/3	130 - 136
Measuring Technology	A Noise Generator with Defined Noise Power for Applications up in the Microwave Range	Harald Fleckner, DC8UG	1984/3	137 - 145
Measuring Technology	A Home Made RF Millivoltmeter, Part 2	B Kokot	1984/3	146 - 160
Fundamentals	Introduction into Spread Spectrum Technology, Based on a Lecture at the Weinham VHF Convention 1982.	H U Schmidt, DJ6TA	1984/3	161 - 164
Fundamentals	An Optimum Crystal Filter for Coherent Telegraphy (CCW)	Friedrich Krug, DJ3RV	1984/3	165 - 170
Measuring Technology	A VSWR Indicator	Willhelm Schurings, DK4TJ	1984/3	171 - 180
Amateur Television	Suggestions for Standardising SSTV and FAX Transmissions	W V Driessche, ON6VD	1984/3	181
Measuring Technology	C-MOS Frequency Counter for 10 Hz to 1 GHz	Werner Hanschke, DC0RZ	1984/3	182 - 187
Amateur Television	Colour Test Image Generator for Amateur Television Applications	D Meendermann, DC1BP	1984/4	194 - 204
Measuring Technology	Directional Couplers - Made to Measure	Harald Braubach, DL1GBH	1984/4	205 - 210
Oscillators	PLL Oscillators with Delay Lines, Part 1 : Fundamentals	Joachim Kestler, DK1OF	1984/4	211 - 220

Measuring Technology	A 10 MHz Timebase Clock for Frequency Counters Complete with PLL for DCF77	Friedrich Krug, DJ3RV	1984/4	221 - 226
Fundamentals	Simple Locus Curves in the Smith Diagram	Erich Stadler, DG7GK	1984/4	227 - 231
Antenna Technology	A Programmable Rotator Control	Manfred Claar, DF9EY	1984/4	232 - 246
Measuring Technology	A Programmable Rotator Control	Manfred Claar, DF9EY	1984/4	232 - 246
Fundamentals	Diagrams That Allow One to Easily Determine the Sensitivity of Receive Systems Using Solar Noise	Wolfgang Borschel, DK2DO	1984/4	247 - 250
Miscellaneous	Satellite News	T Bittan, G3JVQ	1984/4	251
Weather Satellite Reception	A Digital Multiple Image Storage for Weather Satellite Images	Harald Hufenbecher, DL6NAD	1985/1	17 - 30
Measuring Technology	Compact BNC Attenuators	Carsten Vieland, DJ4GC	1985/1	2 - 7
Weather Satellite Reception	Colour Module with Composite Output for Weather Satellite Images	Editors	1985/1	35
Measuring Technology	A Power Meter for the Frequency Range 2 to 200 MHz	Harald Braubach, DL1GBH	1985/1	36 - 42
Fundamentals	Impedance Transformation Using a Quarter Wavelength Line	Erich Stadler, DG7GK	1985/1	43 - 45
Oscillators	PLL Oscillators with Delay Lines, Part 2 : A Shortwave VFO from 5 to 6 MHz	Joachim Kestler, DK1OF	1985/1	46 - 54
Shortwave & IF Modules	PLL Oscillator with Delay Lines, Part 2 : A Shortwave VFO from 5 to 6 MHz	Joachim Kestler, DK1OF	1985/1	46 - 54
13 cm Band	A 2.3 GHz Prescaler	Manfred Mulbacher, DB9SB	1985/1	55 - 63
Measuring Technology	A 2.3 GHz Prescaler (100 : 1)	Manfred Muhlbacher, DB9SB	1985/1	55 - 63
Weather Satellite Reception	A Low Noise METEOSAT Converter with GaAsFET Preamplifier and Mixer Stage	Bernd Bartkowiak, DK1VA	1985/1	8 - 16
Measuring Technology	L and C Measurements with Calibrated Transmission Lines	Erich Stadler, DG7GK	1985/2	100 - 105

Measuring Technology	Impeadance Measurements with Calibrated Transmission Lines	Erich Stadler, DG7GK	1985/2	106 - 111
2 m Band	PLL Oscillators with Delay Lines Part 3 : Oscillator Module for the 2 Meter Band	Joachim Kestler, DK1OF	1985/2	112 - 120
Fundamentals	PLL Oscillators with Delay Lines, Part 3 : Oscillator Module for the 2 m band	Joachim Kestler, DK1OF	1985/2	112 - 120
Oscillators	PLL Oscillators with Delay Lines, Part 3 : Oscillator Module for the 2 Metre band	Joachim Kestler, DK1OF	1985/2	112 - 120
Antenna Technology	Estimating the Gain of Yagi Antennas From Chart Data	Gunther Hoch, DL6WU	1985/2	121 - 124
Miscellaneous	TDA5660P - A Versatile Modulator Circuit for TV, Video and Sound Signals in the Range 48 to 860 MHz	Siemens	1985/2	125 - 127
Miscellaneous	Basic Rules for Self Constructed Equipment	Wolfgang Guenther, DF4UW	1985/2	66 - 68
Measuring Technology	Thermal Power Measurements Yet Another Look	Carsten Vieland, DJ4GC	1985/2	69 - 71
13 cm Band	Loop Yagi Antenna Design for 13 cm	Josef Grimm, DJ6PI	1985/2	72 - 78
Antenna Technology	Loop Yagi Antenna Design for 13 cm	Josef Grimm, DJ6PI	1985/2	72 - 78
Fundamentals	Switched Mode Power Supplies (SMPS) Part 1 : Basic Theory	Jochen Jirmann, DB1NV	1985/2	79 - 93
Power Supplies	Switched Mode Power Supplies (SMPS), Part 1 : Basic Theory	Jochen Jirmann, DB1NV	1985/2	79 - 93
Power Supplies	A 12 Volt Mobile Switched Mode Power Supply (SMPS), Part 2	Jochen Jirmann, DB1NV	1985/2	94 - 99
70 cm Band	Helica Antenna for the 70 cm band	Alois Aigner, DL6XE	1985/3	130 - 132
Antenna Technology	Helical Antenna for the 70 cm band	Alois Aigner, DL6XE	1985/3	130 - 132
Fundamentals	The Noise Behaviour of Amplifiers	Wolfram Pueschner, DK7KB	1985/3	133 - 137
Fundamentals	PLL Oscillators with Delay Lines, Part 4 : Carrier Noise Sidebands	Jochim Kestler, DK1OF	1985/3	138 - 140
Oscillators	PLL Oscillators with Delay Lines, Part 4 : Carrier Noise Sidebands	Joachim Kestler, DK1OF	1985/3	138 - 140
Power Supplies	GaAs-FET Inter Locked Dual Polarity Power Supplies for Portable Use	Horst Burfeindt, DC9XG	1985/3	141 - 145
3 cm Band	A Stable Crystal Controlled Source for 10.37 GHz	Jochen Jirmann, DB1V	1985/3	146 - 152

Oscillators	A Stable Crystal Controlled Source for 10.37 GHz	Jochen Jirmann, DB1NV	1985/3	146 - 152
Fundamentals	Measurement of Cable Impedance with Impulses and Sine Waves	Erich Stadletr, DG7GK	1985/3	153 - 157
Measuring Technology	Measurement of Cable Impeadance with Impulse ans Sine Waves	Erich Stadler, DG7GK	1985/3	153 - 157
Fundamentals	The PCB Integrated Coaxial Tuned Circuits	Gerd Korner, DK2LR	1985/3	158 - 160
Power Supplies	A 12 Volt Mobile Switched Mode Power Supply (SMPS), Part 3	Jochen Jirmann, DB1NV	1985/3	161 - 168
FAX Technology	FM/AM Converter for Facsimile Reception and Picture Display with the YU3UMV Picture Store	Drs Tjapke Knoeff	1985/3	169 - 172
Antenna Technology	Polarisation Performance of Circularly Polarised Antennas	Matjaz Vidmar, YU2UMV	1985/3	173 - 177
Antenna Technology	The Directional Coupler Function and Use	Erich Stadler, DG7GK	1985/3	178 - 184
Measuring Technology	The Directional Coupler Function and Use	Erich Stadler, DG7GK	1985/3	178 - 184
Antenna Technology	Determination of Antennas Gain What's Actually Behind it all ?	Bernd von Bojan, DJ7YE	1985/3	185 - 191
Antenna Technology	Micro Stripline Antennas	Friedrich Krug, DJ3RV	1985/4	194 - 202
Fundamentals	Formulae and Diagrams for the Approximate Calculation of Micro Striplines	Friedrich Krug, DJ3RV	1985/4	203 - 207
Fundamentals	Power Amplifiers - How they are Operated	Carsten Vieland, DJ4GC	1985/4	208 - 212
Miscellaneous	Power Amplifiers - How they are Operated	Carsten Vieland, DJ4GC	1985/4	208 - 212
2 m Band	Two Meter Power Amplifier using Valve 4CX1000A	Carsten Vieland, DJ4GC	1985/4	213 - 226
Fundamentals	Behaviour of Reflected Pulses Along Cables	Erich Stadler, DG7GK	1985/4	227 - 231
23 cm Band	SSB Mini Transverter 144 / 1296 MHz	Konrad Hupfer, DJ1EE	1985/4	232 - 240
Oscillators	SSB Mini Transverter 144 / 1296 MHz	Konrad Hupfer, DJ1EE	1985/4	232 - 240
2 m Band	Two Meter Receiver Front End	Joachim Kestler, DK1OF	1985/4	241 - 251
Microcomputer Technology	A Microcomputer System for Radio Amateurs	J Jirmann, DB1NV	1985/4	252 - 254
Power Supplies	A Microcomputer for Radio Amateurs	Jochen Jirmann, DB1NV	1985/4	252 - 254
70 cm Band	Active Probe Scaler 400 - 1300 MHz	A R Jenkins, ZL2TVT	1986/1	13 - 17

Measuring Technology	Active Probe Scaler 400 - 1300 MHz	A R Jenkins, ZL2TVT	1986/1	13 - 17
Miscellaneous	SDA3202 - A New PLL IC for up to 1.5 GHz	Gunter Sattler, DJ4LB	1986/1	18 - 22
Oscillators	SDA 3202 - A New PLL IC for up to 1.5 GHz	Gunter Sattler, DJ4LB	1986/1	18 - 22
2 m Band	80 Channel Hand Held Transceiver for the 2 m Band	Guenter Prokoph, DL5NP	1986/1	2 - 12
13 cm Band	Coaxial Power Amplifier for the 13 cm Band Using Tube TH9885	Klaus-Dieter Brocker, DK1UV	1986/1	23 - 30
Antenna Technology	Antenna Position Calculations for Measurments of Cosmic Radio Sources and EME Communications	Peter Gerber, HB9BNI	1986/1	35 - 37
Fundamentals	Antenna Position Calculations for Measurements of Cosmic Radio Sources and EME Communications	Peter Gerber, HB9BNI	1986/1	35 - 37
23 cm Band	A 20 W Linear Amplifier for the 23 cm Band	Konrad Hupfer, DJ1EE	1986/1	38 - 40
70 cm Band	Oil Cooling for High Power Tubes	Franz R Rathenow, DF9ZT	1986/1	41 - 46
23 cm Band	Two Band (1.2 - 2.4 GHz) Feed Horn for Parabolic Antennas	Harald Fleckner, DC8UG	1986/1	47 - 52
Antenna Technology	Two Band (1.2 - 2.4 GHz) Feed Horh for Parabolic Antennas	Harald Fleckner, DC8UG	1986/1	47 - 52
Amateur Television	Digital Picture Storage for SSTV, FAX and WEFAX	H Schroeter, DK3VF	1986/1	53 - 63
FAX Technology	Digital Picture Storage for SSTV, FAX and WEFAX	H Schroeter, DK3VF	1986/1	53 - 63
Weather Satellite Reception	Digital Picture Storage for SSTV, FAX and WEFAX	H Schroeter, DK3VF	1986/1	53 - 63
Microcomputer Technology	Microcomputer System, Part 1 : Switched Mode Power Supply (SMPS)	J Jirmann, DB1NV	1986/2	108 - 120
Power Supplies	Microcomputer Systems, Part 1 : Switched Mode Power Supply (SMPS)	Jochen Jirmann, DB1NV	1986/2	108 - 120
Microcomputer Technology	Microcomputer Clock Pulse Generator Linked to DCF77 Off Air Time Standard	F Krug, DJ3RV	1986/2	121 - 125
Miscellaneous	Practical Advice on Home Made PCBs	Dr Roland Milker, DL2OM	1986/2	126
Miscellaneous	Dielectric Resonators	Siemens	1986/2	126

2 m Band	The YUOB Yagi Antenna	Dragoslav Dobrigid, YU1AW	1986/2	66 - 80
Antenna Technology	The YU0B Yagi Antenna	Dragoslav Dobricic, YU1AW	1986/2	66 - 80
Measuring Technology	More About the DLOHV HF Millivoltmeter	Dieter Schwarzenau	1986/2	81 - 84
70 cm Band	A Miniature 70 cm Handheld FM Transceiver	Jochen Jirmann, DB1NV	1986/2	85 - 95
13 cm Band	Microstrip Transverter for 23 and 13 cm Part 1	Matjaz Vidmar, YT3MV	1986/2	96 - 107
23 cm Band	Microstrip Transverters for 23 and 13 cm Part 1	Matjaz Vidmar, YT3MV	1986/2	96 - 107
2 m Band	Modifying the FT225RD	Carsten Vieland, DJ4GC	1986/3	135 - 138
Miscellaneous	Modifying the FT225RD	Carsten Vieland, DJ4GC	1986/3	135 - 138
Microcomputer Technology	Microcomputer System, Part 2 : The CPU and Floppy Disc Controller	J Jirmann, DB1NV	1986/3	139 - 142
13 cm Band	Microstrip Transverter for 23 and 13 cm Part 1	Matjaz Vidmar, YT3MV	1986/3	143 - 164
23 cm Band	Microstrip Transverters for 23 and 13 cm Part 2	Matjaz Vidmar, YT3MV	1986/3	143 - 164
Amateur Television	IF Amplifier and Demodulator for Wideband FM Amateur Television	J Grimm, DJ6PI	1986/3	165 - 176
Fundamentals	Frequency Modulated Amateur Television (ATV)	Josef Grimm, DJ6PI	1986/3	165 - 176
1.5 cm Band	Tuneable VHF to SHF Bandpass Filter	Carsten Vieland, DJ4GC	1986/3	177 - 185
13 cm Band	Tuneable VHF to SHF Bandpass Filter	Carsten Vieland, DJ4GC	1986/3	177 - 185
23 cm Band	Tuneable VHF to SHF Bandpass Filter	Carsten Vieland, DJ4GC	1986/3	177 - 185
3 cm Band	Tuneable VHF to SHF Bandpass Filter	Carsten Vieland, DJ4GC	1986/3	177 - 185
Filters	Tuneable VHF to SHF Bandpass Filter	Carsten Vieland, DJ4GC	1986/3	177 - 185
Measuring Technology	Tuneable VHF to SHF Bamdpass Filter	Carsten Vieland, DJ4GC	1986/3	177 - 185
Antenna Technology	Reflection Coefficient	Erich Stadler, DG7GK	1986/3	186 - 188
Fundamentals	Reflection Coefficient	Erich Stadler, DG7GK	1986/3	186 - 188
Miscellaneous	Improved Proposals for TEC200 Foil	Dr Roland Milker, DL2OM	1986/3	189
Miscellaneous	CFY18	Siemens	1986/3	189
Miscellaneous	GaAsFET S3030	Editors	1986/3	189
Miscellaneous	Applications Book No 4	J Schuermann, DJ1SK	1986/3	189

3 cm Band	TV Satellite Receive Syatem Part 1 : Low Noise 11 GHz Down Converter	Matjaz Vidmar, YT3MV	1986/4	194 - 213
Antenna Technology	TV Satellite Receive System Part 1 : Low Noise 11 Ghz Down Converter	Matjaz Vidmar, YT3MV	1986/4	194 - 213
TV Satellite Reception	TV Satellite Receiving System, Part 1 : Low Noise 11 GHz Down Converter	Matjaz Vidmar, YT3MV	1986/4	194 - 213
Fundamentals	Voltage Controlled Tuned Wideband Oscillators	Jochen Jirmann, DB1NV	1986/4	214 - 221
Oscillators	Voltage Controlled Tuned Wideband Oscillator	Jochen Jirmann, DB1NV	1986/4	214 - 221
Measuring Technology	Home Constructed Frequency Counter, Part 1	Dieter Schwarzenau	1986/4	222 - 245
Microcomputer Technology	Microcomputer System, Part 3 : The Terminal Card	J Jirmann, DB1NV	1986/4	246 - 249
Miscellaneous	New Dual Gate MOS FET Tetrodes BF965 and BF9973	Siemens	1986/4	250 - 251
Miscellaneous	New Surface Wave Filters for TV-Sat	Siemens	1986/4	251
Miscellaneous	From 1 k to 256 k Dymanic RAMs	Siemens	1986/4	252
Miscellaneous	Universal Low Noise Wideband Amplifier SL560	DG3CAN	1986/4	252
Miscellaneous	4 Digit Intelligent Matrix Display PD3435	Siemens	1986/4	253
Miscellaneous	KDI HF Resistors	Microsan	1986/4	253
Fundamentals	A 10 kHz - 30 MHz Receiver Front End, Part 1	Joachim Kestler, DK1OF	1987/1	13 - 26
Shortwave & IF Modules	A 10 kHz - 30 MHz Receiver Front End Part 1	Joachim Kestler, DK1OF	1987/1	13 - 26
Fundamentals	PLL Oscillators with Delay Lines, Part 5 : Digital Frequency Tuning	Joachim Kestler, DK1OF	1987/1	2 - 12
70 cm Band	Dimensioning Stacked Yagi Antennas Using the Superposition Technique	Wolfgang Borschel, DK2DO	1987/1	27 - 30
Antenna Technology	Dimensioning Stacked Yagi Antennas Using the Superposition Technique	Wolfgang Borschel, DK2DO	1987/1	27 - 30
TV Satellite Reception	TV Satellite Receive System, Part 2 : Indoor Unit	Matjaz Vidmar, YT3MV	1987/1	35 - 56
Amateur Television	Colour Test Image Generator - Improved Resolution	D Petigi, DD1PE	1987/1	57 - 58
Miscellaneous	Observations on the YUOB Antenna	Guenter Hoch, DL6WU	1987/1	59
Miscellaneous	Digital Memory for SSTV, FAX and WEFAX	Editor	1987/1	59 - 60

Miscellaneous	An A/D - D/A Conveter for Video	Dr Eng Jochen Jirmann, DB1NV	1987/1	60
Amateur Television	Television Field Strength Indicator	R Berres, DF6UW	1987/2	110 - 112
Audio Frequency Technology	Switched Capacitor Audio Filter	Werner Rahe, DC8NR	1987/2	113 - 125
Fundamentals	The Genertaion and Demodulation of SSB Signals Using the Phasing Method, Part 1 : Basic Theory	Dr Ralph Oppelt, DB2NP	1987/2	66 - 72
Measuring Technology	Home Constructed Frequency Counter, Part 2 : Conclusion	Dieter Schwarzenau	1987/2	73 - 87
Antenna Technology	The Dopler Effect Over Radio Links, Using Active or Pasive Reflectors	Peter Gerber, HB9BNI	1987/2	88 - 91
23 cm Band	A 250 W 23 cm Band Power Amplifier	Dragoslav Dobricic, YU1AW	1987/2	92 - 98
Shortwave & IF Modules	A 10 kHz - 30 MHz Receiver Front End Part 2	Joachim Kestler, DK1OF	1987/2	99 - 106
Fundamentals	The Genertaion and Demodulation of SSB Signals Using the Phasing Method, Part 2 : Signal Processing	Dr Ralph Oppelt, DB2NP	1987/3	130 - 140
Shortwave & IF Modules	Broadband HF Power Amplifiers	Andreas Schaumburg, DF7ZW	1987/3	141 - 149
70 cm Band	Additional Notes on the 70 cm Handheld DB1NV 004	G Prokoph, DL5NP	1987/3	150 -151
2 m Band	Improve the Oscillator Circuit in your old 2 m Converter lke DL6HA or Similar	Jan-Martin Noeding, LA8AK	1987/3	152 - 153
Measuring Technology	A Spectrum Analyser for the Radio Amateur	Jochen Jirmann, DB1NV	1987/3	154 - 166
13 cm Band	More about the 2.3 GHz Divide-by-100 Prescaler	Manfred Mulbacher, DB9SB	1987/3	167
Measuring Technology	More About the 2.3 GHz Divide by 100 Scaler	Manfred Muehlbacher, DB9SB	1987/3	167
Fundamentals	PC Interface for the YU3UMV Weather Picture Store	Hans Oppermann	1987/3	168 - 174
Weather Satellite Reception	PC Interface for the YU3UMV Weather Picture Store	Hans Oppermann	1987/3	168 - 174

Measuring Technology	Electronically Switched Attenuators	Andreas Claar, DF9CP	1987/3	175 - 189
2 m Band	Converting the TELECAR TS160 into a 2 m 80 Channel Amateur Transceiver	Roland Barchet, DK2LT	1987/4	194 - 203
6 cm Band	5760 MHz Power Amplifier using YD1060	Roman Wesolowski, DJ6EP	1987/4	204 - 209
Measuring Technology	Measuring Wavelengths at Microwave Frequencies Simply and Cheaply	Angel Vilaseca, HB9SLV	1987/4	215 - 218
Fundamentals	Pre Amplifier - Pros and Cons	Dragoslav Dobriic, YU1AW	1987/4	219 - 231
Measuring Technology	A Spectrum Analyser for the Radio Amateur, Part 2	Jochen Jirmann, DB1NV	1987/4	232 - 242
2 m Band	Low Noise 144 MHz Preamplifier using Helical Tuned Circuits	Dragoslav Dobricic, YU1AW	1987/4	243 - 252
Miscellaneous	Modification of the ON6VD and DK3VF Picture Store for SSTV, FAX and WEFAX	W van Driessche, ON6VD	1987/4	253
Miscellaneous	Another Modification to the YU3UMV Picture Memory	W van Driessche, ON6VD	1987/4	253
Antenna Technology	Receiving METEOSAT with Yagis	Andreas Schaumburg, DF7ZW	1988/1	15 - 18
Weather Satellite Reception	Receiving METEOSAT with Yagis	Andreas Schaumburg, DF7ZW	1988/1	15 - 18
Power Supplies	A 12 Volt to 12 Volt Converter	Jochen Jirmann, DB1NV	1988/1	19 - 25
2 m Band	Wideband Power Divider/Combiner for the 2 m and 70 cm Bands	Konrad Hupfer, DJ1EE	1988/1	2 - 7
70 cm Band	Wideband Power Divider / Combiner for the 2 m and 70 cm bands	Konrad Hupfer, DJ1EE	1988/1	2 - 7
Fundamentals	Wideband Power Divider / Combiner for the 2 m ans 70 cm bands	Konrad Hupfer, DJ1EE	1988/1	2 - 7
2 m Band	A 2 m/70 cm Antenna Splitting Filter	Joachim Kestler, DK1OF	1988/1	26 - 30
70 cm Band	A 2 m / 70 cm Antenna Splitting Filter	Joachim Kestler, DK1OF	1988/1	26 - 30
Antenna Technology	A 2 m / 70 cm Antenna Splitting Filter	Jochim Kestier, DK1OF	1988/1	26 - 30
Amateur Television	Improved AFC Unit for the DJ4LB ATV Transmitter	R Berres, DF6UW	1988/1	35 - 38

13 cm Band	ATV FM Driver for the 13 cm Band	Hubertus Rathke, DC1OP	1988/1	39 - 49
Amateur Television	ATV FM Driver for the 13 cm band	H Rathke, DC1OP	1988/1	39 - 49
70 cm Band	70 cm Converter Using GaAs-FET CF300	Wolfgang Schneider, DD2EK	1988/1	50 - 53
Amateur Television	70 cm Converter using GaAs FET CF300	W Schneider, DD2EK	1988/1	50 - 53
23 cm Band	A 1296 MHz 200 mW Driver using SMD Technology	Armin Roesch, HB9MFL	1988/1	54 - 59
3 cm Band	Rear Feed Dish Radiator with Corrugated Horn	Dr Med Hans Schloter, DJ7GK	1988/1	8 - 9
Antenna Technology	Rear Feed Dish Radiator wit Corrugated Horn	Dr Med Hahs Schloter, DJ7GK	1988/1	8 - 9
TV Satellite Reception	Receiving Converter for 4 GHz band Satellite	Matjaz Vidmar, YT3MV	1988/2	103 - 110
Measuring Technology	50 W Wideband Detectors	Carsten Vieland, DJ4GC	1988/2	111 - 125
Miscellaneous	GrafTrak and Mirrage Interface (MTI) - Something Really Good for the Radio Amateur	Klaus Elcel, DC6HY	1988/2	66 - 74
DSP Techniques	Digital Signal Processing Techniques for the Radio Amateur - Theoretical Part	Matjaz Vidmar, YT3MV	1988/2	76 - 97
Fundamentals	Digital Signal Processing Techniques for Radio Amateur - Theoretical Part	Matjaz Vidmar, YT3MV	1988/2	76 - 97
Measuring Technology	A Thermal Power Mount	Dr Eng Jochen Jirmann, DB1NV	1988/2	98 - 102
Measuring Technology	A 1.5 GHz Plug In for the DL0HV Frequency Counter	Dieter Schwarzenau	1988/3	130 - 137
Measuring Technology	Digital Storage Interface for the SWOB-2 Sweep Generator	Ralph Berres, DF6WU	1988/3	138 - 140
Measuring Technology	Providing a Frequency Counter for the SWOB	Ralph Berres, DF6WU	1988/3	142 - 146
Weather Satellite Reception	Timer / Zoom Unit for the YU3UMV / DL6NAD Image Store	Klaus Gottwaldt	1988/3	147 - 151

Weather Satellite Reception	A Digital Multi Image Storage for WEFAX Images, Part 2	Harald Hufenbecher, DL6NA	1988/3	152 - 157
2 m Band	A Super Power Amplifier for 144 MHz EME	Dragoslav Dobricic. YU1AW	1988/3	158 - 170
Miscellaneous	GrafTrak and Mirrage Interface (MTI) - Something Really Good for the Radio Amateur, Part 2	Klaus Elcel, DC6HY	1988/3	171 - 178
Weather Satellite Reception	More on the PC Interface for the YU3UMV Weather Picture Store	Hans Oppermann	1988/3	179 - 180
Shortwave & IF Modules	Short Wave Pre Selector Amplifier	Wolfgang Guenther, DF4UW	1988/3	181 - 185
Amateur Television	FM Television for the Amateur	J Wood, G3YQC	1988/4	194 - 211
2 m Band	A Compact Hybrid Antenna for 2 m, 70 cn, and 23 cm	Hannes Fasching, OE5JFL	1988/4	212 - 217
23 cm Band	A Compact Hybrid Antenna for 2 m, 70 cm and 23 cm	Hannes Fasching, OE5JFL	1988/4	212 - 217
70 cm Band	A Compact Hybrid Antenna for 2 m , 70 cm and 23 cm	Hannes Fasching, OE5JFL	1988/4	212 - 217
Antenna Technology	A Compact Hybrid Antenna for 2 m, 70 cm and 23 cm	Hannes Fasching, OE5JFL	1988/4	212 - 217
2 m Band	An Introduction to Moonbounce (EME)	Willi Rass, DF4NW	1988/4	218 - 232
Antenna Technology	An Introduction to Moonbounce (EME)	Willi Rass, DF4NW	1988/4	218 - 232
70 cm Band	432 MHz Linear PA Using 3 x 2C39BA	Dragoslav Dobricic, YU1AW	1988/4	233 - 237
2 m Band	Stabalising the VCO Frequency by Means of Monostables - Part 1	Dr Ralph Opprelt, DB2NP	1988/4	238 - 245
Fundamentals	Stabalising the VCO Frequency by Means of Monostables, Part 1	Dr Ralph Oppelt, DB2NP	1988/4	238 - 245
Power Supplies	A Stabalised Power Supply for Valved PA's	Wilfried Hercher, DL8MX	1988/4	246 - 251
DSP Techniques	Digital Signal Processing Techniques for the Radio Amateur, Part 2 Design of a DSP Computer	Matjaz Vidmar, YT3MV	1989/1	2 - 24

Amateur Television	FM ATV in the GHz Range Part 1 : 23 cm Transmitter	W Schneider, DD2EK	1989/1	25 - 30
Miscellaneous	Morse Code Generator for Microwave Applications	Andrew Bell, GW4JJW	1989/1	35 - 38
13 cm Band	UHF and SHF Broadband Mixers	Carsten Vieland, DJ4GC	1989/1	39 - 45
23 cm Band	UHF and SHF Broadband Mixers	Joachim Berna, DL1YBL	1989/1	39 - 45
3 cm Band	UHF and SHF Broadband Mixer	Carsten Vieland, DJ4GC	1989/1	39 - 45
6 cm Band	UHF and SHF Braodband Mixers	Carsten Vieland, DJ4GC	1989/1	39 - 45
70 cm Band	UHF and SHF Braodband Mixers	Carsten Vieland, DJ4GC	1989/1	39 - 45
9 cm Band	UHF and SHF Broadband Mixers	Carsten Vieland, DJ4GC	1989/1	39 - 45
Fundamentals	UHF and SHF Broadband Mixers	Carsten Vieland, DJ4GC	1989/1	39 - 45
2 m Band	Stabalising the VCO Frequency by Means of Monostables - Part 2	Dr Ralph Opprelt, DB2NP	1989/1	46 - 56
Fundamentals	Stabalising the VCO Frequency by Means of Monostables, Part 2 : Continuously Tunable VCO for 2 m SSB	Dr Ralph Oppelt, DB2NP	1989/1	46 - 56
Amateur Television	FM ATV in the GHz Range Part 2 : Sound Carrier Circuits and Tuning Voltage DC Converter	W Schneider, DD2EK	1989/1	57 - 60
Amateur Television	Further Improvements to the DJ4LB 002a ATV Audio Section	A Meier, DC7MA	1989/2	103 - 104
Miscellaneous	Further Improvements to the DJ4LB 002a ATV-TX Audio Section	Armin Meier, DC7MA	1989/2	103 - 104
Amateur Television	ATV Sound PLL for the DJ4LB 002a Board	A Meier, DC7MA	1989/2	105 - 107
Miscellaneous	ATV Sound PLL for the DJ4LB 002a Board	Armin Meier, DC7MA	1989/2	105 - 107
Measuring Technology	A Spectrum Analyser for the Radio Amateur, Part 3 : Construction and PCBs	Jochen Jirmann, DB1NV	1989/2	108 - 119
Measuring Technology	Oscilloscope Line Analyser Accessory	Thomas Morzinck, DD0QT	1989/2	120 - 125
3 cm Band	Circular Waveguide Components at 10 GHz	Andrew Bell. GW4JJW	1989/2	66 - 73
DSP Techniques	Digital Signal Processing Techniques for the Radio Amateur,Part 3 Construction / use of DSP Computer	Matjaz Vidmar, YT3MV	1989/2	74 - 94
3 cm Band	The Microline 3 Transverter System The Break Through in 10 GHz Experimental Communications Part 1	Jurgen Dahms, DC0DA	1989/2	95 - 102
DSP Techniques	Digital Signal Processing Techniques for the Radio Amateur, Part 4a Application Software	Matjaz Vidmar, YT3MV	1989/3	130 - 137

Weather Satellite Reception	Digital Signal Processing Techniques for Radio Amateurs, Part 4a : Application Software	Matjaz Vidmar, YT3MV	1989/3	130 - 137
Miscellaneous	Calculating Antenna Installation Wind Loading	Wolfgang Guenther, DF4UW	1989/3	138 - 144
Power Supplies	Using Solar Cells to Supply an Amateur Radio Station	Andreas Schaumburg, DF7ZW	1989/3	145 - 148
Miscellaneous	A Review of an Integrated Radio Amateur Program	Harald Loos, DG7NAM	1989/3	149 - 156
Amateur Television	Vision / Sound Combiner for AM ATV Transmitter	R Berres, DF6WU	1989/3	157 - 162
Measuring Technology	A Spectrum Analyser for the Radio Amateur, Part 3a: Construction and PCBs	Jochen Jirmann, DB1NV	1989/3	163 - 171
3 cm Band	The Microline 3 Transverter System The Break Through in 10 GHz Experimental Communications Part 2	Jurgen Dahms, DC0DA	1989/3	172 - 186
Miscellaneous	Spectrum Analyser (Modification)	E Berberich, DL8ZX	1989/3	189
Fundamentals	Radio Astronomy for the VHF / UHF Radio Amateur. Calculating the Sun and Moon's Kepler Elements	Hans J Hartfuss	1989/4	194 - 204
Fundamentals	Calculating the Sun and Moon's Kepler Elements	Peter Gerber, HB8BNI	1989/4	205 - 210
23 cm Band	24/23 cm Band Linear Power Amplifier Module M57762	Carsten Vieland, DJ4GC	1989/4	211 - 215
DSP Techniques	Digital Signal Processing Techniques for the Radio Amateur, Part 4b Application Software	Matjaz Vidmar, YT3MV	1989/4	216 - 227
Weather Satellite Reception	Digital Signal Processing Techniques for Radio Amateurs, Part 4b : Application Software	Matjaz Vidmar, YT3MV	1989/4	216 - 227
9 cm Band	2.83 GHz DR Oscillator	Hans Michl, Heilbronn	1989/4	228 - 231
Fundamentals	2.83 GHz DR Oscillator	Hans Michl Heilbronn	1989/4	228 - 231
9 cm Band	9 cm Band Tube PA Stage	Roman Wesolowski,DJ6EP	1989/4	232 - 241
3 cm Band	Screw Tuned Filter for the X Band	Carsten Vieland, DJ4GC	1989/4	242 - 246
Power Supplies	Shunt Protected Power Supply	Roy Hartkopf, VK3AOH	1989/4	247 - 248
9 cm Band	9 cm Band Power FET Linear Amplifier	Werner Rache, DC8NR	1989/4	249 - 254
Amateur Television	SAT-X Receiver for the Satellite IF band 900 - 1700 MHz	M Salewski, DC9DO	1990/1	10 - 22

TV Satellite Reception	SAT-X Receiver for the Satellite IF band 900 - 1700 MHz	M Salewski, DC9DO	1990/1	10 - 22
3 cm Band	An Injection Locked Oscillator for the 10 GHz Band	R G Sanson, ZL1TBG	1990/1	2 - 4
Shortwave & IF Modules	Shortwave Reception Based on Thirties Principles, Part 1	Dipl Eng Detlef Burcard	1990/1	23 - 30
Miscellaneous	Coaxial Ceramic Resonators - Interesting Components for the Frequency Range 1 to 2.4 GHz	Dr Eng Jochen Jirmann, DB1NV	1990/1	35 - 39
13 cm Band	41 Element Yagi for the 13 cm Band	Philipp Prinz, DL2AM	1990/1	40 - 43
Antenna Technology	41 Element Yagi for the 13 cm band	Philipp Prinz, DL2AM	1990/1	40 - 43
Weather Satellite Reception	Control Circuits for the METEOSAT Multiple Picture Store	Joop Kuijntjes, PA2JOK	1990/1	44 - 52
Measuring Technology	A Spectrum Analyser for the Radio Amateur, Part 3b : Circuit Options and Ancilliary Equipment	Jochen Jirmann, DB1NV	1990/1	5 - 9
Weather Satellite Reception	Compact METEOSAT Converter	Martin Althaus, DF9DA	1990/1	53 - 59
Measuring Technology	4 Channel 140 MHz Oscilloscope, Part 1 : Salient Circuit Details	Dr Robert Dorner, DD5IK	1990/1	60 - 62
Amateur Television	A Universal Sound Vision Unit for FM ATV Transmitters	Gunter Sattler, DJ4LB	1990/2	105 - 114
Antenna Technology	WG20 Dish Mount	Andrew Bell, GW4JJW	1990/2	115 - 117
2 m Band	A Magnetic Loop Antenna for 2 Meters	John Winsor, G0JXU	1990/2	118 - 122
Antenna Technology	A Magnetic Loop Antenna for 2 Metres	John Winsor, G0JXU	1990/2	118 - 122
DSP Techniques	Amateur Radio Applications of the Fast Fourier Transform, Part 1	Matjaz Vidmar, YT3MV	1990/2	123 - 126
3 cm Band	10 GHz Varactor Tuned Gunn Oscillator	Andrew Bell, GW4JJW	1990/2	66 - 69
Shortwave & IF Modules	Shortwave Reception Based on Thirties Principles, Part 2	Dipl Eng Detlef Burcard	1990/2	70 - 76

Weather Satellite Reception	Compact Weather Satellite FM Receiver	Martin Althaus, DF9DA	1990/2	77 - 84
Antenna Technology	Stacked Loop Yagi Antenna for METEOSAT Reception	A E Chicken, G3BIK	1990/2	85 - 98
Weather Satellite Reception	Stacked Loop Yagi Antenna for METEOSAT Reception	A E Chicken, G3BIK	1990/2	85 - 98
70 cm Band	Universal Synthesiser for Frequencies up to and above 1000 MHz, Part 1	Gunther Borchert, DF5FC	1990/2	99 - 104
DSP Techniques	Amateur Radio Applications of the Fast Fourier Transform, Part 2a	Matjaz Vidmar, YT3MV	1990/3	130 - 138
70 cm Band	Universal Synthesiser for Frequencies up to and above 1000 MHz, Part 2 (Conclusion)	Gunther Borchert, DF5FC	1990/3	139 - 156
Measuring Technology	4 Channel 140 MHz Oscilloscope, Part 2 : Conclusion	Dr Robert Dorner, DD5IK	1990/3	157 - 178
3 cm Band	Microwave Lense Antennas	Angel Vilaseca, HB9SLV	1990/3	179 - 189
Antenna Technology	Microwave Lense Antenna	Angel Vilaseca, HB9SLV	1990/3	179 - 189
Measuring Technology	Practical Tips for the Amateur Spectrum Analyser	A Schaumburg, DF7ZW	1990/3	190 - 191
Fundamentals	The Initial Results of the Garchinger Amateur Radio Astronomy Installation	Hermann Hagn, DK8CT	1990/4	194 - 201
23 cm Band	An Unconditionally Stable, Low Noise GaAsFET Preamplifier	Dragoslav Dobricic, YU1AW	1990/4	202 - 218
Fundamentals	An Unconditionally Stable Low Noise GaAsFET Pre Amplifier	Dragoslav Dobricic, YU1AW	1990/4	202 - 218
DSP Techniques	Amateur Radio Applications of the Fast Fourier Transform, Part 2b	Matjaz Vidmar, YT3MV	1990/4	219 - 229
Shortwave & IF Modules	A Short Wave Receiver PLL	Dipl Eng Detlef Burcard	1990/4	230 - 243
3 cm Band	A New Feed for the 3 cm Band	G Tomassetti, I4BER	1990/4	244 - 247
Antenna Technology	A "New" Feed for the 3 cm band	G Tomassetti, I4BER	1990/4	244 - 247

Antenna Technology	Tropospheric Forward Scatter Propogation	Wolfgang Borschel, DK2DO	1990/4	248 - 249
70 cm Band	Simple Improvements to the DK2VF Microstrip Directional Coupler	Jochen Dreier, DG8SG	1990/4	250 - 253
Measuring Technology	Simple Improvements to thr DK2VF Microstrip Directional Coupler	Jochen Dreier, DG8GS	1990/4	250 - 253
6 cm Band	A 6 cm Transverter using Stripline Technology, Part 1	Peter Vogl, DL1RQ	1991/1	16 - 30
Amateur Television	An FM ATV Receiver for the 23 cm band	W Schneider, DJ8ES	1991/1	3 - 15
Fundamentals	A Modern Professional Look at the Design of Stable Crystal Oscillators Working at High Frequencies	Bernd Neubig, DK1AG	1991/1	35 - 42
Amateur Television	10 GHz ATV The Easy Way, Part 1	J Toon, G0FNH	1991/1	43 - 46
23 cm Band	The Trials and Modifications of a 23 cm Amplifier	A Vilaseca, HB9SLV	1991/1	47 - 54
Amateur Television	10 GHz ATV The Easy Way, Part 2	J Toon, G0FNH	1991/2	102 - 106
Measuring Technology	RF Sweeping with a PC	Werner Bruekner, DL6MDA	1991/2	107 - 119
Antenna Technology	A Home Built Satellite Dish Steering System	John Barker	1991/2	120 - 122
Fundamentals	PUFF - A CAD Program for Microwave Stripline Circuits	Robert E Lentz, DL3WR	1991/2	66 - 68
6 cm Band	A 6 cm Transverter using Stripline Technology, Part 2	Peter Vogl, DL1RQ	1991/2	69 - 73
Fundamentals	A Modern Professional Look at the Design of Stable Crystal Oscillators Working at High Frequencies	Bernd Neubig, DK1AG	1991/2	74 - 79
Measuring Technology	Enhancements to the Spectrum Analyser	Dr Ing J Jirmann, DB1NV	1991/2	80 - 88
Miscellaneous	Improved Air Cooling for 2C39 Power Amplifiers	Gerhard Schmitt, DJ5AP	1991/2	89 - 92
Measuring Technology	Measurement Arrangements for Complex Impedances	Carl G Lodstrom, SM6MOM/W6	1991/2	93 - 101
Measuring Technology	A Digital Image Store for the DB1NV Spectrum Analyser, Part 1	Dr Ing Jochen Jirmann, DB1NV	1991/3	130 - 146
DSP Techniques	DSP Computer Update No 1	Matjaz Vidmar, YT3MV	1991/3	147 - 157
Amateur Television	Modifications of the FM ATV Transmitter DD2EK 002; Increasing the Output Power to 50 mW	W Schneider, DJ8ES	1991/3	158 - 159

Fundamentals	HP-AppCAD - A Software Collection for Calculating Microwave Exercises	Robert E Lentz, DL3WR	1991/3	160 - 167
Fundamentals	Basics of Rectifying Small AC Voltages with Semicinductor Diodes	Dipi Ing Detlef Burchard	1991/3	168 - 174
10 m Band	Universal Transverter Concepot for 28, 50 & 144 MHz	Wilhelm Schuerings, DK4TJ	1991/3	175 - 187
2 m Band	Universal Transverter Concept for 28.50 and 144 MHz	Wilhelm Schuerings, DK4TJ	1991/3	175 - 187
Amateur Television	ATV with Twin Sound Channels, Part 1	R Tappert	1991/4	194 - 199
Antenna Technology	Omnidirectional Waveguide Slot Antenna for Horizontal Polarisation Part 1	Klaus Solbach, DK3BA	1991/4	200 - 205
DSP Techniques	Simple Doubling of Data Storage Capacity of the DSP Computer	Heinz Kriegelstein1991/4	1991/4	206 - 210
Antenna Technology	A Cylinder Parabolic Antenna with Compact Meteosat Converter	Dipl Ing Detlef Burchard	1991/4	211 - 219
Amateur Television	10 GHz ATV The Easy Way, Part 3	J Toon, G0FNH	1991/4	220 - 228
Measuring Technology	A Digital Image Store for the DB1NV Spectrum Analyser, Part 2 : Conclusion	Dr Ing Jochen Jirmann, DB1NV	1991/4	229 - 233
Antenna Technology	UHF Antenna with Vertical Polarisation but no Vertical Dimension	Jurgen Langer, DJ5AT	1991/4	234 - 240
Antenna Technology	Magnetically Coupled Yagi Antennas - Overlooked by Amateurs ?	Eugen Berberich, DL8ZX	1991/4	247 - 251
Antenna Technology	Omnidirectional Waveguide Slot Antenna for Horizontal Polarisation Part 2	Klaus Solbach, DK3BA	1992/1	11 - 17
Fundamentals	A DTMF Converter with Multiple Switching Outputs	Bern Bauer, DF1YW	1992/1	18 - 26
Amateur Television	ATV with Twin Sound Channels, Part 2	R Tappert	1992/1	2 - 10
Fundamentals	Universal 2:1 Economy Transformer for DC. Part 2	Dr Ing Ralph Oppelt, DL2NDO	1992/1	27 - 30
Measuring Technology	A Tracking Generator for the DB1NV Spectrum Analyser	Dr Ing Jochen Jirmann, DB1NV	1992/1	35 - 46
Measuring Technology	A Marker Generator for 10 MHz and 1 MHz Markers	Walter Zwickel, OE2TZL	1992/1	47 - 49

Measuring Technology	Expanding the DB1NV Spectrum Analyser to 2 GHz	Walter Zwickel, OE2TZL	1992/1	50 - 54
Miscellaneous	Incoherent Scatter : Principles and Applications	Dr Volker Grassmann, DF5AI	1992/1	55 - 60
Miscellaneous	Observation of the Multi Tone Effect	Dr Volker Grassmann, DF5AI	1992/2	100 - 103
Fundamentals	New Developments in High Power Travelling Wave Tube Design	Dipl Ing Fritz Hanf	1992/2	104 - 106
Weather Satellite Reception	Digitally Transmitted Weather Satellite Images	Robert R Lentz, DL3WR	1992/2	107 - 118
Amateur Television	10 GHz ATV The Easy Way, Part 4	J Toon, G0FNH	1992/2	119 - 122
Amateur Television	A 10 GHz Television Transmitter Stabalised by a Dielectric Resonator	D Roussel, F6IWF	1992/2	66 - 75
Measuring Technology	Absolute Calibration of a Noise Source	Dipl Ing Detlef Burchard	1992/2	76 - 89
Antenna Technology	A Very Low Noise Aerial Amplifier	Matjaz Vidmar, YT3MV	1992/2	90 - 96
Antenna Technology	Low Feedback Coupling of a Poly Directional Antenna for Contest Operation	Eugen Berberich, DL8ZX	1992/2	97 - 99
23 cm Band	Microwave Directional Coupler with Front-to-Back ratio made from Semi Rigid Circuits	Carsten Vieland, DJ4GC	1992/3	130 - 139
Amateur Television	A Digital Slow Scan Television Transmit Coder	J J Noel, F6ILR	1992/3	140 - 150
Antenna Technology	VHF / UHF Sloping Vee Antennas	R A Formato PhD, K1POO	1992/3	151 - 157
Miscellaneous	Operating Electronic Equipment	Dr Ing Jochen Jirmann, DB1NV	1992/3	158 - 164
Fundamentals	A Logarithmic Detector, Manufactured Using Integrated Modules	Eugen Berberich, DL8ZX	1992/3	165 - 168
3 cm Band	Doppler Radar in the 10 GHz Amateur Band Part 1	Jean-Pierre Morel, HB9RKR	1992/3	169 - 181
Fundamentals	MES-FETishism !	Dipl Ing Detlef Burchard	1992/3	183 - 188
Fundamentals	Broadband VCO's Using Microstrip Techniques	Dr Ing Jochen Jirmann, DB1NV	1992/4	194 - 203

DSP Techniques	A 1 Mbyte SRAM Card for the DSP Computer	Matjaz Vidmar, YT3MV	1992/4	204 - 208
3 cm Band	Doppler Radar in the 10 GHz Amateur Band Part 2	Jean-Pierre Morel, HB9RKR	1992/4	209 - 225
Antenna Technology	Active Antenna for the Frequency Range from 10 KHz to 50 MHz	Dr Ing Jochen Jirmann, DB1NV	1992/4	226 - 231
Fundamentals	MES-FETishism II	Dipl Ing Detlef Burchard	1992/4	232 - 240
6 m Band	SSB Transceiver for 50 MHz using 50 ohm Modules - Part 1	Wolfgang Schneider, DJ8ES	1992/4	241 - 250
Miscellaneous	High Stability, Low Noise Power Supply	Volker Espel	1993/1	19 - 37
Power Supplies	High Stability Low Noise Power Supply	Volker Espel	1993/1	19 - 37
Antenna Technology	Dopler Direction Finder with Improved Characteristics	Dipl Ing Detlef Burchard	1993/1	2 - 18
Fundamentals	Improvements of the Intermodulation Performance of Modern Amateur HF Receivers	Dr Ing Jochen Jirmann, DB1NV	1993/1	38 - 43
Measuring Technology	A Digital Framestore for the DB1NV Spectrum Analyser; Alterations and Additions	Dr Ing Jochen Jirmann, DB1NV	1993/1	44 - 47
6 m Band	SSB Transceiver for 50 MHz using 50 ohm Modules - Part 2	Wolfgang Schneider, DJ8ES	1993/1	48 - 57
Miscellaneous	Poor Man's CAE 1 & 2 Public Domain Software Development Programs for the IBM PC	The Editors	1993/1	58 - 60
6 m Band	SSB Transceiver for 50 MHz using 50 ohm Modules - Part 3	Wolfgang Schneider, DJ8ES	1993/2	101 - 108
Fundamentals	Long Delayed Radio Echoes, Observations and Interpretations	Dr Volker Grassmann, DF4AI	1993/2	109 - 116
Measuring Technology	A Simple dB Linear S Meter for Microwave Applications	Erich Zimmermann, HB9MIN	1993/2	117 - 119
Fundamentals	Output Wiring of GaAsFET Amplifiers	Eugen Berberich, DL8ZX	1993/2	120 - 122
Fundamentals	Output Wiring of GaAsFET Amplifiers	Eugen Berberich, DL8ZX	1993/2	120 -122
Miscellaneous	The Pont-100 FFT Spectrum Analyser (Review)	Mike Wooding, G6IQM	1993/2	123 - 124
Fundamentals	MES-FETishism III	Dipl Ing Detlef Burchard	1993/2	66 - 72

Weather Satellite Reception	A Simple Panorama Add On for Weather Satellite Receivers	Dr Freek M Schimmel	1993/2	74 - 79
Fundamentals	Theory and Practice of the Frequency Synthesiser, Part 1	Dr Ing Jochen Jirmann, DB1NV	1993/2	80 - 100
Fundamentals	Carrier Suppression in the Ring Mixer	Dipl Ing J V Parpar	1993/3	130 - 138
Fundamentals	Theory and Practice of the Frequency Synthesiser, Part 2	Dr Ing Jochen Jirmann, DB1NV	1993/3	139 - 157
Miscellaneous	CW Call Sign Transmitter	Wolfgang Schneider, DJ8ES	1993/3	158 - 161
Miscellaneous	Crystal Splitter	Dipl Ing Detlef Burchard	1993/3	162 - 177
DSP Techniques	Programming the DSP Computer	Gunther Hofmann, DK2TX	1993/3	178 - 180
Fundamentals	EMC and its Consequences, Part 1	Dipl Phys Northart Rhode	1993/3	181 - 188
Miscellaneous	Power Supply Unit for Travelling Wave Tubes	Andreas Schaumburg, DF7ZW	1993/4	194 - 206
Power Supplies	Power Supply Unit for Travelling Wave Tubes	Andreas Schaumburg, DF7ZW	1993/4	194 - 206
Measuring Technology	Measurement Aids for the UHF Amateur	Michael Kuhne, DB6NT	1993/4	207 - 213
Fundamentals	EMC and its Consequences, Part 2	Dipl Phys Northart Rhode	1993/4	214 - 220
10 m Band	28/144 MHz Transverter	Wolfgang Schneider, DJ8ES	1993/4	221 - 226
2 m Band	28/144 MHz Transverter	Wolfgang Schneider, DJ8ES	1993/4	221 - 226
Antenna Technology	An Antenna for all Meteors	Richard A Formato, K1POO	1993/4	227 - 230
Weather Satellite Reception	Observation of Scintillations While Receiving METEOSAT	Detlef Burchard	1993/4	231 - 236
Amateur Television	Addenda and Comments on the Article : A 10 GHz FM ATV Tramsmitter with Dielectric Resonator	G Sattler, DJ4LB	1993/4	237 - 240

Measuring Technology	Assembly Instructions and Experiences with the DB1NV Spectrum Analyser Design	Joachim Danz, DL5UL	1993/4	241 - 250
Fundamentals	Intermodulation Properties of Switching Diodes	Dr Ing Jochen Jirmann, DB1NV	1994/1	12 - 18
Antenna Technology	Maximum Bandwidth Monopole Antennas	Richard A Formato, K1POO	1994/1	19 - 23
Fundamentals	DIY Gain Blocks	Dipl Ing Detlef Burchard	1994/1	2 - 11
Miscellaneous	Lightning and Overvoltage Protection for Radio Equipment	Klaus Peter Muller	1994/1	24 - 30
GPS Satellite Reception	A DIY Receiver for GPS and GLONASS Satellites, Part 1	Matjaz Vidmar, S53MV	1994/1	34 - 44
Amateur Television	Suppression of Interference to 70 cm ATV by Using a Highly Selective Notch Filter	E Berberich, DL8ZX	1994/1	45 - 55
2 m Band	A Hybrid Power Amplifier for 144 MHz	Wolfgang Schneider, DJ8ES	1994/1	56 - 61
1.5 cm Band	Dual Band Exciter for 10 GHz and 24 GHz	Josef Fehrenbach, DJ7FJ	1994/2	111 - 116
3 cm Band	Dual Band Exciter for 10 GHz and 24 GHz	Josef Fehrenbach, DJ7FJ	1994/2	111 - 116
Measuring Technology	Addenda and Comments on the Article : Tracking Generator	Dr Ing Jochen Jirmann, DB1NV	1994/2	117 - 118
Amateur Television	13 cm FM ATV Exciter	R Erping, DB9JC	1994/2	119 - 124
Miscellaneous	Readers Forum	Editors	1994/2	125 - 126
GPS Satellite Reception	A DIY Receiver for GPS and GLONASS Satellites, Part 2	Matjaz Vidmar, S53MV	1994/2	66 - 77
Antenna Technology	Improved Impedance Performance of the Extended Double Zepp Antenna	Richard A Formato, K1POO	1994/2	78 - 84
23 cm Band	A Solid State Broadband 80 W Amplifier for 24 cm	Angel Vilaseca, HB9SLV	1994/2	85 - 92
Fundamentals	Don't Be Afraid of High Frequency Transformers	Dipl Ing Detlef Burchard	1994/2	93 - 109
13 cm Band	A 13 cm GaAsFET Power Amplifier Developed using "PUFF" CAD Software Package	Harald Fleckner, DC8UG	1994/3	130 - 141
Antenna Technology	Improving Impedance Bandwidth of VHF / UHF Yagis by Decreasing the Driven Element F/D Ratio	Richard A Formato, K1POO	1994/3	142 - 150
GPS Satellite Reception	A DIY Receiver for GPS and GLONASS Satellites, Part 3	Matjaz Vidmar, S53MV	1994/3	151 - 165

70 cm Band	Radio Astronomical Experiments in the 70 cm band	Dr Ing Jochen Jirmann, DB1NV	1994/3	166 - 173
Fundamentals	Logarithmetic Converters and Measurment of Their Characteristics	Dipl Ing Detlef Burchard	1994/3	174 - 190
Miscellaneous	A Notch Filter for S6 Special Channel	Dr Ing Jochen Jirmann, DB1NV	1994/4	194 - 196
Antenna Technology	A DIY Receiver for GPS and GLONASS Satellites; Part 3b : Quadrifilar Backfire Helix Antenna	Matjaz Vidmar, S53MV	1994/4	197 - 200
GPS Satellite Reception	A DIY Receiver for GPS and GLONASS Satellites, Part 3b Quadrifilar Backfire Helix Antenna	Matjaz Vidmar, S53MV	1994/4	197 - 200
Miscellaneous	Improvements and Changes	Editor	1994/4	200
Measuring Technology	An RF Power Meter with Linear Scale	Carl G Lodstrom. SM6MOM/W6	1994/4	201 - 204
Measuring Technology	A Synthesised Local Oscillator for the DB1NV Spectrum Analyser	Dr Ing Jochen Jirmann, DB1NV	1994/4	205 - 229
Antenna Technology	A Practical Loop Antenna for HF	Carl G Lodstrom, SM6MOM/W6	1994/4	230 - 234
Antenna Technology	A Hybrid Antenna Switch for the 23 cm band	Wolfgang Schneider, DJ8ES	1994/4	235 - 237
Antenna Technology	A Stripline Antenna for 10 GHz	Angel Vilaseca, HB9SLV	1994/4	238 - 244
Measuring Technology	A UHF-SHF Marker Generator	Michael Kuhne	1994/4	245 - 248
Measuring Technology	Measurements on Resonance in Capacitors	Carl G Lodstrom, SM6MOM/W6	1994/4	249 - 253
2 m Band	A Bi-Directonal Amplifier for 2 m	Carl G Lodstrom, SM6MOM/W6	1995/1	18 - 21
Amateur Television	Modifying Satellite Receiving Systems for 10 GHz FM ATV Operation	Denys Roussel, F6IWF	1995/1	2 - 17
Measuring Technology	The Detector for Complex Impedances - Some Practical Additions	Carl G Lodstrom, SM6MOM/W6	1995/1	22 - 24
Antenna Technology	Calculating the Focal Point of an Offset Dish Antenna	Ing Jiri Otypka CSc	1995/1	25 - 30
GPS Satellite Reception	A DIY Receiver for GPS and GLONASS Satellites, Part 4	Matjaz Vidmar, S53MV	1995/1	35 - 51

3 cm Band	GaAsFET Power Amplifier Stages up to 5 W for 10 GHz	Peter Vogl, DL1RQ	1995/1	52 - 63
10 m Band	A 28 / 50 MHz Transverter	Wolfgang Schneider, DJ8ES	1995/2	107 - 111
Miscellaneous	Receiving System Parameter Measurements Using Radio Stars	Hermann Hagn, DK8CI	1995/2	112 - 122
Antenna Technology	A Big Wheel Antenna for the 70 cm band	Eugen Berberich, DL8ZX	1995/2	123 - 126
Fundamentals	A Sweep Tuner for the VCO	Carl Lodstrom, SM6MOM/W6	1995/2	66 - 69
Measuring Technology	A Grid Dip Meter for VHF and UHF	Carl G Lodstrom, SM6MOM/W6	1995/2	70 - 77
GPS Satellite Reception	A DIY Receiver for GPS and GLONASS Satellites, Part 5	Matjaz Vidmar, S53MV	1995/2	78 - 90
Fundamentals	Frequency Doubling Using Semi Conductor Diodes	Dipl Ing Detlef Burchard	1995/2	91 - 97
70 cm Band	A 28 / 432 MHz Transverter	Wolfgang Schneider, DJ8ES	1995/2	98 - 106
1.5 cm Band	200 mW GaAsFET Amplifier for 24 GHz	Michael Kuhne	1995/3	130 - 146
Measuring Technology	Frequency Counter with Harmonic Mixing for the UHF / SHF Amateur	Luis Cupido. CT1DMK	1995/3	130 - 146
1.5 cm Band	200 mW GaAsFET Amplifier for 24 GHz	Michael Kuhne, DB6NT	1995/3	147 - 152
GPS Satellite Reception	A DIY Receiver for GPS and GLONASS Satellites, Part 6	Matjaz Vidmar, S53MV	1995/3	153 - 167
Fundamentals	Linear Signal Rectification, Part 1	Dipl Ing Detlef Burchard	1995/3	168 - 179
Measuring Technology	Expansion and Assembly of the DB1NV Spectrum Analyser	Rainer Schmulling, DK6ZK	1995/3	180 - 188
GPS Satellite Reception	A DIY Receiver for GPS and GLONASS Satellites, Part 7	Matjaz Vidmar, S53MV	1995/4	194 - 205
Fundamentals	Linear Signal Rectification, Part 2	Dipl Ing Detlef Burchard	1995/4	206 - 216
13 cm Band	A 10 W Power Amplifier for the 13 cm Band using GaAs Technology. Developed with the help of "PUFF"	Harald Fleckner, DC8UG	1995/4	217 - 228
Measuring Technology	New Software for the Digital Image Store for the DB1NV 010 Spectrum Analyser	Dr Ing Jochen Jirmann, DB1NV	1995/4	229 - 230
Miscellaneous	A Simple DC - DC Down Converter for Amateur Radio Applications	Andreas Schaumburg, DF7ZW	1995/4	231 - 234
Miscellaneous	First Amateur Cloud Scatter Beacon in Europe	Francois Craonuer	1995/4	235 - 239

Measuring Technology	Digital Display for the Logarithmic Detector Amplifier from DJ4GC	Norbert Kohns, DG1KPN	1995/4	240 - 245
Amateur Television	The Worlds Smallest 10 GHz ATV Transmitter	Angel Vilaseca, HB9SLV	1995/4	246 - 252
Antenna Technology	Realibility of Gain Specifications for Antennas	Steen Gruby, OZ9ZI	1996/1	10 - 19
Antenna Technology	Easily Assembled UHF - VHF Antennas for the Radio Amateur	Eugen Berberich, DL8ZX	1996/1	2 - 9
Antenna Technology	Improved Impedance Loading for Wideband Antennas	Richard A Formato, K1POO	1996/1	20 - 29
Fundamentals	Linear Signal Rectification, Part 3 : Conclusion	Dipl Ing Detlef Burchard	1996/1	35 - 41
Antenna Technology	Design Parameters for Impedance Loaded Wideband Antenna	Richard A Formato, K1POO	1996/1	42 - 54
Miscellaneous	Filtech Professional - A Review	Michael J Wooding, G6IQM	1996/1	55 - 61
Fundamentals	Push Pull Receiver Front End Stages in Common Base Circuits. The Solution to Intermodulatiom Problem	Dr Hans Sapaotta	1996/2	111 - 121
Fundamentals	IF Amplifier with Wide Range of Adjustments	Norbert Kohns, DG1KPN	1996/2	122 - 125
Fundamentals	Voltage Converters - 12 / 24v or Above	Wolfgang Schneider, DJ8ES	1996/2	66 - 71
Antenna Technology	Active Reception Antennas : Calculations and Experiments Part 1	Dipl Ing Detlef Burchard	1996/2	72 - 89
Antenna Technology	Improved Feed for the Off Centre Fed Dipole	Richard A Formato, K1POO	1996/2	90 - 93
HF Equipment	An Ultra Low Cost HF SSB/CW Transceiver with 20W Output, an AGC Meter, S Meter and Audio Filter, Pt1	Denys Roussel, F6IWF	1996/2	94 - 110
13 cm Band	13 cm PSK Transceiver for 1.2 Mbit/s Packet Radio Part 1	Matjaz Vidmar, S53MV	1996/3	130 - 147
HF Equipment	An Ultra Low Cost HF SSB/CW Transceiver with 20W Output, an AGC Meter, S Meter and Audio Filter, Pt2	Denys Roussel, F6IWF	1996/3	148 - 156
Antenna Technology	Active Reception Antennas : Calculations and Experiments Part 2	Dipl Ing Detlef Burchard	1996/3	157 - 164
Measuring Technology	VHF, UHF and SHF Measurement Methods Using a PC, Part 1 : Control Using the PC's Centronics Port	Wolfgang Schneider, DJ8ES	1996/3	165 - 172

Measuring Technology	Expansion of the Software for the DB1NV Spectrum Analyser Digital Store	Bernd Kaa, DG4RBF	1996/3	173 - 180
Antenna Technology	More on the Off Centre Fed Dipole	Richard A Formato, K1POO	1996/3	181 - 184
Fundamentals	A High Precision Logarithmic Intermediate Frequency Amplifier	Dr Ing Jochen Jirmann, DB1NV	1996/3	185 - 188
13 cm Band	13 cm PSK Transceiver for 1.2 Mbit/s Packet Radio Part 2	Matjaz Vidmar, S53MV	1996/4	194 - 205
Measuring Technology	VHF, UHF and SHF Measurement Methods Using a PC, Part 2 : Milliwatt Meter From Short Wave to SHF	Wolfgang Schneider, DJ8ES	1996/4	206 - 214
Measuring Technology	Sweep Triggered Frequency Counter for the DB1NV Spectrum Analyser	Bernd Kaa, DG4RBF	1996/4	215 - 223
3 cm Band	10 GHz EME, Basic Principles and Discoveries	Josef Fehrenbach, DJ7FJ	1996/4	224 - 243
Fundamentals	Design and Realisation of Microwave Circuits	Gunthard Kraus, DG8GB	1996/4	244 - 250
Measuring Technology	VHF, UHF and SHF Measuring Methods Using a PC, Part 3 : 0.9 - 1.5 GHz Synthesiser	Wolfgang Schneider, DJ8ES	1997/1	13 - 19
3 cm Band	A 10 G Hz Super Regenerative Receiver	Andre Jamet, F9HX	1997/1	2 - 12
13 cm Band	Pre Mixer for 23 and 13 cm	Walter Zwickel, OE2TZL	1997/1	20 - 29
23 cm Band	Pre Mixer for 23 and 13 cm	Walter Zwickel, OE2TZL	1997/1	20 - 29
Fundamentals	Design and Realisation of Microwave Circuits, Part 2	Gunthard Kraus. DG8GB	1997/1	35 - 56
Miscellaneous	SPLASH - A Review	Michael J Wooding, G6IQM	1997/1	57 - 61
Fundamentals	Noise Behaviour of Zener Diodes	Dr Ing Jochen Jirmann, DB1NV	1997/2	103 - 109
Measuring Technology	Elimination of Self Oscillation Points in the DB1NV Spectrum Analyser	Andreas Schaumburg, DF7ZW	1997/2	110 - 115
Antenna Technology	A Genetically Designed Yagi	Richard A Formato, K1POO	1997/2	116 - 123
3 cm Band	Using a DRO as a Transmitter	Andre Jamet, F9HX	1997/2	66 - 73
23 cm Band	23 cm PSK Packet Rdaio Transceiver for 1.2 Mbit/s User Access	Matjaz Vidmar, S53MV	1997/2	74 - 96
Fundamentals	Danger Parasites !	D Eckart Schmitzer, DJ4BG	1997/2	97 - 102
Weather Satellite Reception	NOAA HRPT Receiver	Matjaz Vidmar, S53MV	1997/3	130 - 151

Measuring Technology	VHF, UHF and SHF Measuring Methods Using a PC, Part 4 : High Frequency Test Rig up to 1.4 GHz	Wolfgang Schneider, DJ8ES	1997/3	152 - 166
Fundamentals	Design and Realisation of Microwave Circuits, Part 3	Gunthard Kraus, DG8GB	1997/3	167 - 179
Fundamentals	Transistor Calculations Using Rules of Thumb	D Eckart Schmitzer, DJ4BG	1997/3	180 - 184
23 cm Band	A Broadband VHF-UHF-SHF Amplifier	Andre Jamet, F9HX	1997/3	185 - 186
70 cm Band	A Broadband VHF-UHF-SHF Amplifier	Andre Jamet, F9HX	1997/3	185 - 186
GPS Satellite Reception	Tips, Improvements and Corrections . A GPS & GLONASS Satellite Receiver	Matjaz Vidmar, S53MV	1997/3	187 - 189
Measuring Technology	VHF, UHF and SHF Measuring Methods Using a PC, Part 5 : mW Meter, Wobblers and Spectrum Analysers	Wolfgang Schneider, DJ8ES	1997/4	194 - 208
Fundamentals	Design and Realisation of Microwave Circuits, Part 4	Gunthard Kraus, DG8GB	1997/4	209 - 214
HF Equipment	An Exceptionally Low Cost HF SSB/CW Transceiver, Part 3 : Description of Assembly	Denys Roussel, F6IWF	1997/4	218 - 236
Fundamentals	The Sine Converter	Dipl Ing Detlef Burchard	1997/4	237 - 251
GPS Satellite Reception	GPS / GLONASS Receiver Hardware and Software Update #1	Matjaz Vidmar, S53MV	1997/4	252 - 253
Measuring Technology	Diplexer for Ring Mixers	Eugen Berberich, DL8ZX	1998/1	11 - 17
3 cm Band	Design and Assembly of a Noise Matched Hetro Junction GaAsFET 10.4 GHz Amplifier. Using PUFF	Harald Fleckner, DC8UG	1998/1	18 - 29
Measuring Technology	Stripline Directional Coupler for 400 MHz to 3.6 GHz	Gregor Storz, ZL1GSG	1998/1	2 - 9
Fundamentals	GHz Activities. Rain Scatter as Far as Basle	Editors	1998/1	30
HF Equipment	An Exceptionally Low Cost HF SSB/CW Transceiver, Part 4 : Assembly Instructions	Denys Roussel, F6IWF	1998/1	35 - 45
Fundamentals	Design and Realisation of Microwave Circuits, Part 5	Gunthard Kraus, DG8GB	1998/1	46 - 60
HF Equipment	HF Synthesiser 5 to 1450 MHz, Part 1	Bernd Kaa, DG4RBF	1998/2	103 - 121
Amateur Television	A State of the art 13 cm Amateur Television Transmitter, Part 1	Henk Medenblik BSc, PE1JOK	1998/2	66 - 74
Fundamentals	Design and Realisation of Microwave Circuits, Part 5	Gunthard Kraus, DG8GB	1998/2	75 - 81
Fundamentals	A Common Date / Time Standard for Amateur Radio	Ian Galpin, G1SMD	1998/2	82 - 83

Fundamentals	Comments on the Article - Design and Realisation of Microwave Circuits Part 4	Carl G Lodstrom, SM6MOM/W6	1998/2	84 - 86
Antenna Technology	How Good are Genetically Designed Yagi ?	Richard A Formato, WW1RF	1998/2	87 - 93
Measuring Technology	Instructions and Improvements. Supplement to Series : VHF, UHF and SHF Measuring Methods Using a PC	Wolfgang Schneider, DJ8ES	1998/2	94 - 96
Fundamentals	PUFF 2.1 - Improved and Expanded Version	Dipl Ing A Gerstlauer, DG5SEB	1998/2	97 - 101
Antenna Technology	Computer Assisted Design of High Gain Yagi Aerials	Leif Asbrink, SM5BSZ	1998/3	130 - 145
Amateur Television	A State of the art 13 cm Amateur Television Transmitter, Part 2	Henk Medenblik BSc, PE1JOK	1998/3	146 - 158
HF Equipment	HF Synthesiser 5 to 1450 MHz, Part 2	Bernd Kaa, DG4RBF	1998/3	159 - 181
Fundamentals	Measurement on Ceramic Resonators	Carl G Lodstrom, SM6MOM	1998/3	182 - 186
Fundamentals	Design and Realisation of Microwave Circuits, Part 6	Gunthard Kraus, DG8GB	1998/4	194 - 209
Fundamentals	Wideband and Low Noise Microwave VCO	Matjaz Vidmar, S53MV	1998/4	210 - 225
Fundamentals	The ASH Receiver - Principles, Trails and Observations	Dipl Ing Detlef Burchard	1998/4	226 - 235
Amateur Television	A State of the art 13 cm Amateur Television Transmitter, Part 3	Henk Medenblik BSc, PE1JOK	1998/4	236 - 244
Fundamentals	Desiging Chebyshev Filters for Practical Operation	D Eckart Schmitzer, DJ4GB	1998/4	245 - 250
Measuring Technology	Spectrum Analyser 0 to 1750 MHz	Matjaz Vidmar, S53MV	1999/1	2 - 30
HF Equipment	Tips On and Improvements to : HF Synthesiser from Bernd Kaa (Issue 2 and 3/1998)	Bernd Kaa, DG4RBF	1999/1	35 - 37
Antenna Technology	Improving VHF Antenna Systems with High Impedance Yagis	Richard A Formato, WW1RF	1999/1	38 - 52
Fundamentals	Individual Indication of Reasons for Cut Out by Protective Circuits of a High Power Amplifier	Jochen Dreier, DG8SG	1999/1	53 - 59
Fundamentals	Hot - Cold Noise Temperature Measurement in the Laboratory and in Nature	Hermann Hagn, DK8CI	1999/2	103 - 108
Fundamentals	Desiging Chebyshev Filters for Practical Operation, Part 2	D Eckart Schmitzer, DJ4GB	1999/2	109 - 116

Weather Satellite Reception	Microprocessor Controlled FM Receiver for Weather Satellites, Part 1	Gerald Dullberg, DL8DAQ	1999/2	117 - 124
Measuring Technology	Tracking Generator for the Spectrum Analyser 100 KHz to 1750 MHz	Matjaz Vidmar, S53MV	1999/2	66 - 79
Fundamentals	Design and Realisation of Microwave Circuits, Part 7	Gunthard Kraus, DG8GB	1999/2	80 - 102
2 m Band	Another RF Combiner / Splitter	Ron Pyrkey, W9NUP	1999/3	131 - 135
Measuring Technology	Harmonic Converter for the Spectrum Analyser 100 kHz to 1750 MHz	Matjaz Vidmar, S53MV	1999/3	136 - 147
Fundamentals	HF Measuring Instruments, Basic Circuits and Applications, Part 1	Dr Ing Jochen Jirmann, DB1NV	1999/3	148 - 164
Weather Satellite Reception	Microprocessor Controlled FM Receiver for Weather Satellites, Part 2	Gerald Dullberg, DL8DAQ	1999/3	166 - 176
23 cm Band	Two Filters and a Diplexer for 23 cm	Ian Waters, G3KKD	1999/3	178 - 184
Amateur Television	UHF TV Masthead Pre Amplifier	Graham Baker, ZL1TOF	1999/3	185 - 186
Fundamentals	UHF TV Masthead Pre Amplifier	Graham Baker, ZL1TOF	1999/3	185 - 186
3 cm Band	Dielectric Antenna for 3 cm	Bob Platts, G8OZP	1999/3	187 - 188
3 cm Band	Dielectric Antenna for 3 cm	Bob Platts, G8ZOP	1999/3	187 - 188
Weather Satellite Reception	Simple METEOSAT Reception, Part 1 : The Downconverter	Radek Vaclavik, OK2XDX	1999/4	196 - 207
Weather Satellite Reception	Simple METEOSAT Reception, Part 2 : a Simple Mini Receiver	Radek Vaclavik, OK2XDX	1999/4	208 - 217
Measuring Technology	Marker Counter for the Spectrum Analyser	Matjaz Vidmar, S53MV	1999/4	219 - 229
Measuring Technology	Storage Normaliser for the Spectrum Analyser	Matjaz Vidmar, S53MV	1999/4	230 - 247
Amateur Television	Receive Amateur Television with this Low Cost Conversion of a PACE PRD800 Satellite Receiver	Bob Head, G7NPE	1999/4	249 - 253
Amateur Television	Receive Amateur Television with this Low Cost Conversion of a PACE PRD800 Satellite Receiver	Duncan Head, G7PNE	1999/4	249 - 253

Measuring Technology	FC 4000 Micro Controlled Double Frequency Counter Up to 4 GHz	Bernd Kaa, DG4RBF	2000/1	10 - 23
Measuring Technology	Frequency Divider Up To 4 GHz	Bernd Kaa, DG4RBF	2000/1	2 - 9
Amateur Television	5.7 GHz ATV Converter	Helmut Neidel, DL1IN	2000/1	24 - 29
Measuring Technology	Correction to Marker Counter for Spectrum Analyser	Matjaz Vidmar, S53MV	2000/1	30
2 m Band	SSB / CW Transceiver For 144 MHz	Wolfgang Schneider, DJ8ES	2000/1	35 - 58
2 m Band	Control of SSB / CW Transceiver (VHF 2M) Fro 144 MHz	Bernd Kaa, DG4RBF	2000/1	59 - 63
Fundamentals	The I/Q Modulator Described	Dipl Ing J V Parpart	2000/2	106 - 117
Fundamentals	Logarithmic Amplifier Up To 500 MHz With AD8307	Wolfgang Schneider, DJ8ES	2000/2	119 - 124
Measuring Technology	A Vectorial Aerial Impedance Meter For The Short Wave Range	Dr Ing Jochen Jirmann, DB1NV	2000/2	66 - 88
Fundamentals	Teflon or Epoxy Base Material ?	Harald Fleckner, DC8UG	2000/2	90 - 104
13 cm Band	Microwave Multi Band Feed Second Generation	Freddy de Guchteneire, ON6UG	2000/3	130 - 136
23 cm Band	Microwave Multi Band Feed Second Generation	Freddy de Guchteneire, ON6UG	2000/3	130 - 136
3 cm Band	Microwave Multi Band Feed Second Generation	Freddy de Guchteneire, ON6UG	2000/3	130 - 136
6 cm Band	Microwave Multi Band Feed Second Generation	Freddy de Guchteneire, ON6UG	2000/3	130 - 136
Antenna Technology	Microwave Multi Band Feed Second Generation	Freddy de Guchteneire, ON6UG	2000/3	130 - 136
Microcomputer Technology	A Simple TNC for Megabit Packet Radio Links	Matjaz Vidmar, S53MV	2000/3	137 - 151
Miscellaneous	A Simple TNC for Megabit Packet Radio Links	Matjaz Vidmar, S53MV	2000/3	137 - 151
Fundamentals	Teflon, Epoxy or RO 4000 Base Material ?	Harald Fleckner DC8UG	2000/3	152 - 155
2 m Band	Low Pass Filter for 2 m and 70 cm	Gerhard Schmitt, DJ5AP	2000/3	156 - 166
70 cm Band	Low Pass Filter for 2 m and 70 cm	Gerhard Schmitt, DJ5AP	2000/3	156 - 166
Fundamentals	Earthing in HF and Microwave Circuits .. A Case for Puff	Gunthard Kraus, DG8GB	2000/3	167 - 178

Fundamentals	Circulators an Ring Hybrids	Wolfgang Borschel, DK2DO	2000/3	179 - 185
Amateur Television	Suplement to Article on 5.7 GHz ATV Converter	Helmut Neidel, DL1IN	2000/3	186 - 187
Power Supplies	Suplement to Article on 5.7 GHz ATV Converter	Helmut Neidel, DL1IN	2000/3	186 - 187
Miscellaneous	Internet Treasure Trove	Gunthard Kraus, DG8GB	2000/3	188 - 190
Fundamentals	High Precision Frequency Standard for 10 MHz	Wolfgang Schneider, DJ8ES	2000/4	194 - 200
Measuring Technology	High Precision Frequency Standard for 10 MHz	Wolfgang Schneider, DJ8ES	2000/4	194 - 200
Antenna Technology	A Quadrifilar Helix Antenna for Orbiting Weather Satellites	Dipl. Ing. D Burchard	2000/4	201 - 214
Weather Satellite Reception	A Quadrifilar Helix Antenna for Orbiting Weather Satellites	Dipl. Ing. D Burchard	2000/4	201 - 214
Measuring Technology	Tracking Generator for Microwave Ranges (1.7 to 13 GHz)	Carsten Vieland, DJ4GC	2000/4	215 - 230
2 m Band	Low Pass Filter for 2 m and 70 cm - Part 2	Gerhard Schmitt, DJ5AP	2000/4	232 - 240
70 cm Band	Low Pass Filter for 2 m and 70 cm - Part 2	Gerhard Schmitt, DJ5AP	2000/4	232 - 240
Fundamentals	Active Directional Coupler	Dipl. Ing J v Parpart	2000/4	241 - 249
Fundamentals	Circulators and Ring Hybrids. Reader Ideas on Article in 3/2000	Wolfgang Borschel, DK2DO	2000/4	250 - 251
Miscellaneous	Internet Treasure Trove	Gunthard Kraus, DG8GB	2000/4	252 - 254
Fundamentals	High Precision Frequency Standard for 10 MHz. Part II Frequency Control via GPS	Wolfgang Schneider, DJ8ES	2001/1	2 -8
Measuring Technology	High Precision Frequency Standard for 10 MHz. Part II Frequency Control via GPS	Wolfgang Schneider, DJ8ES	2001/1	2 -8
Fundamentals	Sheilding Technology using Metalised Non-Wovens	Dipl. Ing. Hermann L. Aichele	2001/1	20 - 27
Miscellaneous	Internet Treasure Trove	Gunthard Kraus, DG8GB	2001/1	28 - 29
Measuring Technology	Tracking Generator from 1 MHz to 13 GHz for Spectrum Analysers	Carsten Vieland, DJ4GC	2001/1	35 - 48

Antenna Technology	Modern Patch Antenna Design Part I	Gunthard Kraus, DG8GB	2001/1	49 - 63
Fundamentals	Modern Patch Antenna Design Part I	Gunthard Kraus, DG8GB	2001/1	49 - 63
Fundamentals	GMSK, The Modulation used for Mobile Communications	Prof. Gisbert Glasmachers	2001/1	9 - 19
Miscellaneous	Radio Astronomy Terms Explained	Hermann Hagn, DK8CI	2001/2	102 - 104
Miscellaneous	Astronomical Observations at The German Musem, Munich	Hermann Hagn, DK8CI	2001/2	105 - 107
Microcomputer Technology	Universal Micro-Controller Board, Uniboard C501	Bernd Kaa. DG4RBF	2001/2	108 - 113
Fundamentals	The Noble Art of De-Coupling	Carl G Lodstrom,SM6MOM & KQ6AX	2001/2	114 - 118
Fundamentals	Is Silver-Plating Worth While ib RF Applications ?	Wolfgang Borschel, DK2DO	2001/2	119 - 122
2 m Band	Supplement to Article on Low Pass Filter for 2 m and 70 cm	Gerhard Schmitt, DJ5AP	2001/2	123 - 125
Miscellaneous	Internet Treasure Trove	Gunthard Kraus, DG8GB	2001/2	125 - 127
Antenna Technology	Modern Patch Antenna Design Part II	Gunthard Kraus, DG8GB	2001/2	66 - 86
Audio Frequency Technology	Digital Speech Store	Wolfgang Schneider, DJ8ES	2001/2	87 - 91
Measuring Technology	A Sinadmeter	E Chicken, G3BIK	2001/2	92 - 101
Miscellaneous	MIMP, Motorolas Impedance Matching Program	Henning Christof Weddig, DK5LV	2001/3	130 - 138
Antenna Technology	Designing Long Yagis with YGO3	Richard A Formato, WW1RF	2001/3	139 - 155
Audio Frequency Technology	Digital Speech Store, Instructions and Improvements to the article in issue 2/2001	Wolfgang Schneider, DJ8ES	2001/3	156 - 157
Fundamentals	Line Sections as Capacitances or Inductances in Microwave Range	Michael Hein, DK5FI	2001/3	159 - 165
Antenna Technology	An Interesting Program, PCAAD21 - An Antenna Analysis Program	Gunthard Kraus, DG8GB	2001/3	166 - 175
Miscellaneous	An Improved BSPK Demodulator for the 1.2 Mbit/s Packet Radio RTX	Matjaz Vidmar, S53MV	2001/3	176 - 188

Miscellaneous	Internet Treasure Trove	Gunthard Kraus, DG8GB	2001/3	189 - 190
Measuring Technology	70 MHz Preamplifier for Frequency Counter	Wolfgang Schneider, DJ8ES	2001/4	194 - 198
Fundamentals	An Interesting Program, TRL85.exe	Gunthard Kraus, DG8GB	2001/4	199 - 205
Antenna Technology	Optimising Yagi Antennas With YGO3 Genetic Optimiser	Joop van Sundert, PD1APO	2001/4	206 - 212
Antenna Technology	The Fractal Antenna	Angel Vilaseca, HB9SLV	2001/4	213 - 226
Filters	Modern Design for Band Pass Filters Made From Coupled Lines	Gunthard Kraus, DG8GB	2001/4	228 - 251
Miscellaneous	Internet Treasure Trove	Gunthard Kraus, DG8GB	2001/4	252 - 253
Measuring Technology	A Simple Proceedure for Measurements	Dipl. Ing. Detlef Burchard	2002/1	17 - 21
Measuring Technology	Frequency Generator (Wobbler) to 4GHz	Wolfgang Schneider, DJ8ES	2002/1	2 - 16
Measuring Technology	Pre Divider (:10) up to 5GHz	Alexander Meier, DG6RBP	2002/1	22 - 26
Miscellaneous	Internet Treasure Trove	Gunthard Kraus, DG8GB	2002/1	28 - 29
Filters	Modern Design of Stripline Low Pass Filters	Gunthard Kraus, DG8GB	2002/1	35 - 62
Measuring Technology	A Simple Noise Figure Meter	Carl G Lodstrom, KQ6AX	2002/2	105 - 110
Fundamentals	S12	Geoff Pike, GI0GDP	2002/2	111 - 115
Miscellaneous	In Memory of Alois Pendl, OE6AP	Eberhard L Smolka, DB7UP	2002/2	116 - 118
Measuring Technology	Direct Mixer for a 1 - 65MHz Short Wave Synthesiser	Wolfgang Schneider, DJ8ES	2002/2	120 - 123
Miscellaneous	International Microwave Handbook	Andy Barter, G8ATD	2002/2	125
Miscellaneous	Internet Treasure Trove	Gunthard Kraus, DG8GB	2002/2	126 - 127
Antenna Technology	Simple Speed Control for Rotators	Michael Kuhne, DB6NT	2002/2	66 - 68
Fundamentals	An Interesting Program, MSTRIP40	Gunthard Kraus, DG8GB	2002/2	69 - 85
Audio Frequency Technology	Speech Store With Integrated Sequencer	Wolfgang Schneider, DJ8ES	2002/2	87 - 94

Fundamentals	The Sensitivity of Radio Equipment	Prof. Gisbert Glasmachers	2002/2	95 - 104
2 m Band	FM Receiver For 137 - 141MHz	Miroslav Gola, OK2UGS	2002/3	130 - 150
Weather Satellite Reception	FM Receiver For 137 - 141MHz	Miroslav Gola, OK2UGS	2002/3	130 - 150
Fundamentals	The Transmission Of Electro-Magnetic Waves in Rectangular Waveguides	Wido Schak	2002/3	151 - 159
47GHz band	Amplifier For 47GHz Using Chip Technology	Sigurd Werener, DL9MFV	2002/3	160 - 164
Measuring Technology	Precision Directional Coupler For Matching Measurements	Bernd Kaa, DG4RBF	2002/3	165 - 174
Miscellaneous	CW Modulator Using Pin Diodes	Wolfgang Schneider, DJ8ES	2002/3	176 - 180
Miscellaneous	BALUNs For Microwave Applications Part 1	Winfried Bakalski, DL5MGY	2002/3	181 - 187
Miscellaneous	Internet Treasure Trove	Gunthard Kraus, DG8GB	2002/3	188 - 190
Fundamentals	Determination Of Received Field Strengths In UHF Range	Gunthard Kraus, DG8GB	2002/4	194 - 202
Miscellaneous	BALUNs For Microwave Applications Part 2	Winfried Bakalski, DL5MGY	2002/4	203 - 214
2 m Band	2-Tone Generator For 145MHz	Wolfgang Schneider. DJ8ES	2002/4	216 - 227
Measuring Technology	2-Tone Generator For 145MHz	Wolfgang Schneider. DJ8ES	2002/4	216 - 227
Miscellaneous	Problems with Running Puff On Windows 98/ME/XP And How To Eliminate Them	Gunthard Kraus, DG8GB	2002/4	229 - 231
Amateur Television	Video Signal Recognition, ATV Squelch	Alexander Meier, DG6RBP	2002/4	232 - 241
Measuring Technology	Frequency Indicator For Portable Radio Equipment	Robert Tyrakowski, DK7NT	2002/4	243 - 250
Miscellaneous	Internet Treasure Trove	Gunthard Kraus, DG8GB	2002/4	251 - 253
Optical Band	Amateur use of the optical spectrum (above 300GHz) Part 1	Peter Greil, DL7UHU	2003/1	14 - 24
23 cm Band	Micro transmitter for L band	Paolo Pitacco, IW3QBN	2003/1	2 - 7
2 m Band	2m direct conversion transceiver	Andre Jamet, F9HX	2003/1	25 - 29

76GHz band	Frequency multiplier for 76GHz with an integrated amplifier	Sigurd Werner, DL9MFV	2003/1	35 - 41
Optical Band	Laser output meter	Alexander Meier, DG6RBP	2003/1	42 - 51
Miscellaneous	Coax cable and connectors	Bernd Bartowiak, DK1VA	2003/1	52 - 55
Measuring Technology	A 10.7MHz I.f. probe	E Chicken, MBE, G3BIK	2003/1	56 - 58
Miscellaneous	A 10.7MHz I.f. probe	E Chicken, MBE, G3BIK	2003/1	56 - 58
Miscellaneous	Internet Treasure Trove	Gunthard Kraus, DG8GB	2003/1	60 - 61
Measuring Technology	Control logic for a switchable attenuator	Wolfgang Schneider, DJ8ES	2003/1	8 -13
Oscillators	Synthesisers	Prof. Gisbert Glasmachers	2003/2	107 - 118
Oscillators	Multiplication, division and addition of a 10MHz source to get a synthesised VHF signal	Andre Jamet, F9HX	2003/2	119 - 124
Miscellaneous	Internet Treasure Trove	Gunthard Kraus, DG8GB	2003/2	125 - 127
Oscillators	VCXOs with wide pull-in range using alternatives to quartz	Bernd Neubig, DK1AG	2003/2	66 - 70
Measuring Technology	Digital mW Meter	Alexander Meier, DG6RBP	2003/2	71 - 76
76GHz band	A simple concept for an efficient 76GHz transverter	Sigurd Werner, DL9MFV	2003/2	77 - 83
2 m Band	Transatlantic transmission on 144MHz	Dr Volker Grassmann, DF5AI	2003/2	84 - 89
Fundamentals	An interesting program APLAC	Gunthard Kraus, DG8GB	2003/2	90 - 105
Measuring Technology	Useful add-ons for the 4GHz frequency generator (wobbler)	Norbet Kohns, DG1KPN	2003/3	130 - 141
23 cm Band	L Band power amplifier for AO-40 uplink	Konrad Hupfer, DJ1EE	2003/3	142 - 148
Measuring Technology	Frequency / power standard for calibration	Wolfgang Schneider. DJ8ES	2003/3	149 - 162
76GHz band	76GHz amplifier	Sigurd Werner, DL9MFV	2003/3	163 - 169
Fundamentals	Lets try again with PUFF	Gunthard Kraus, DG8GB	2003/3	170 - 180
23 cm Band	GH Quad linear amplifier for 23cm	Grant Hodgson, G8UBN	2003/3	188 - 190
Miscellaneous	Internet Treasure Trove	Gunthard Kraus, DG8GB	2003/3	188 - 190
76GHz band	New transmitter with higher performance for 76GHz	Sigurd Werner, DL9MFV	2003/4	194 - 198

Measuring Technology	12GHz divide by 1000 prescaler	Alexander Meier, DG6RBP	2003/4	199 - 206
2 m Band	New 144MHz transatlantic beacon	Dr Volker Grassmann, DF5AI	2003/4	207
Filters	Practical Project: Design and construction of a high quality 100MHz bandpass filter	Gunthard Kraus, DG8GB	2003/4	208 - 225
Measuring Technology	1 to 65MHz DDS signal generator with switcahble output level	Wolfgang Schneider, DJ8ES	2003/4	226 - 235
Antenna Technology	A new space saving omnidirectional antenna the H O Loop	Eugen Berberich, DL8ZX	2003/4	236 - 241
Miscellaneous	The noble art of the Rheostat	Carl G Lodstrom, KQ6AX, SM6MOM	2003/4	242 - 249
Miscellaneous	Funny electronic stories	Gunthard Kraus, DG9GB	2003/4	250 - 251
Miscellaneous	Internet Treasure Trove	Gunthard Kraus, DG9GB	2003/4	253 - 254
76GHz band	Combining power at 76GHz: Three possible solutions discussed	Sigurd Werner, DL9MFV	2004/1	13 - 19
Antenna Technology	An array of 4 x 16 turn helix antennas for 2402MHz	Paolo Pitacco, IW3QBN	2004/1	2 - 6
Antenna Technology	Practical Project: A patch antenna for 5.8GHz	Gunthard Kraus, DG8GB	2004/1	20 - 29
Measuring Technology	12GHz divide by 10 prescaler	Alexander Meier, DG6RBP	2004/1	35 - 38
Optical Band	Amateur use of the optical spectrum, part II	Peter Greil, DL7UHU	2004/1	39 - 47
Measuring Technology	The noble art of signal detection	Carl Lodstrom, KQ6AX & SM6MOM	2004/1	48 - 57
Miscellaneous	Letter from Carl Langley about component supply	Carl Langley, G3VGK	2004/1	58 - 59
Miscellaneous	Internet Treasure Trove	Gunthard Kraus, DG8GB	2004/1	60 - 61
Audio Frequency Technology	Universal sound card inteface for digital modes	Wolfgang Schneider, DJ8ES	2004/1	7 - 12
Miscellaneous	Universal sound card inteface for digital modes	Wolfgang Schneider, DJ8ES	2004/1	7 - 12
Fundamentals	Design and realisation of microwave circuits, part 10	Gunthard Kraus, DG8GB	2004/2	116 - 124
Miscellaneous	Internet Treasure Trove	Gunthard Kraus, DG8GB	2004/2	125 - 127

Measuring Technology	Synthesised signal generator for 10 to 1800MHz	Bernd Kaa, DG4RBF	2004/2	66 - 94
6 m Band	A modern 50/28MHz converter	Henning-Christof Weddig, DK5LV	2004/2	95 - 115
Antenna Technology	The noble art of piping power to an antenna	Carl Lodstrom, KQ6AX, SM6MOM	2004/3	130 - 138
76GHz band	Low noise, high performance amplifiers for 76GHz	Sigurd Werner, DL9MFV	2004/3	139 - 149
76GHz band	Frequency doubler for 76GHz with 130/160mW output	Sigurd Werner, DL9MFV	2004/3	150 - 155
Fundamentals	An interesting program. SonnetLite 9.51	Gunthard Kraus, DG8GB	2004/3	156 - 178
Fundamentals	A simple detector to estimate the immission from GSM mobile phone base stations: Part1	Alexander Meier, DG6RBP	2004/3	179 - 182
Fundamentals	PUFF with windows XP: "Wonderful"	Gunthard Kraus, DG8GB	2004/3	183 - 185
3 cm Band	Franco's Finest. Low priced 10GHz preamplifiers	Gerard Galve, F6CXO	2004/3	186 - 188
Miscellaneous	Internet Treasure Trove	Gunthard Kraus, DG8GB	2004/3	189 - 191
Optical Band	The noble art of optical communications part 1	Carl Lodstrom, SM6MOM, KQ6AX	2004/4	194 - 209
Filters	Design and realisation of a coaxial low pass filter for 1.85GHz	Alexander Meier, DG6RBP	2004/4	210 - 216
Oscillators	A simple approach to YIG oscillators	Bernd Kaa, DG4RBF	2004/4	217 - 224
Measuring Technology	A uni(versal) counter up to 12GHz	Hubertus Rathke, DC1OP	2004/4	225 - 232
Fundamentals	Intermodulation behaviour of hybrid amplifier modules	Wolfgang Schneider, DJ8ES	2004/4	233 - 237
6 m Band	A modern 50/28MHz converter part 2	Henning-Christof Weddig, DK5LV	2004/4	238 - 248
Fundamentals	Franco's Finest, Microwave absorbers	Franco Rota, I2FHW	2004/4	249 - 252
Miscellaneous	Internet Treasure Trove	Gunthard Kraus, DG8GB	2004/4	253 - 255
Filters	Practical Project: Stripline low pass filters	Gunthard Kraus, DG8GB	2005/1	16 - 27
Optical Band	The noble art of optical communications part 2	Carl Lodstrom, SM6MOM, KQ6AX	2005/1	2 - 15
Miscellaneous	Internet Treasure Trove	Gunthard Kraus, DG8GB	2005/1	28 - 29
Measuring Technology	Centre frequency counter for HP 8565A and HP 8569 spectrum analysers	Bernd Kaa, DG4RBF	2005/1	35 - 43

Oscillators	DDS oscillator for QRP experiments on short wave and 6m band	Wolfgang Schneider, DJ8ES	2005/1	44 - 52
Fundamentals	A simple detector to estimate the immission from GSM mobile phone base stations: Part 2	Alexander Meier, DG6RBP	2005/1	53 - 60
1.5 cm Band	Franco's finest. Inexpensive 12 to 24GHz doubler described by F6CXO	Gerard Galve, F6CXO	2005/1	61 - 63
Miscellaneous	Lightning scatter: a faint and rare mode of propagation	Jean-L. Rault, F6AGR	2005/2	111 - 120
Measuring Technology	Designation of microwave bands, specification and dimensions	Eberhard L. Smolka, DB7UP	2005/2	122 - 125
Miscellaneous	Internet Treasure Trove	Gunthard Kraus, DG8GB	2005/2	126 - 127
Oscillators	A modern technique for microwave oscillator generation Part 1	Sigurd Werner, DL9MFV	2005/2	66 - 75
Oscillators	Solution for stable and precise microwave frequency generation	Andre Jamet, F9HX	2005/2	76 - 79
Miscellaneous	Transverter adapter for use with ICOM IC735/751	Ulf Kylenfall	2005/2	80 - 87
Measuring Technology	Universal measuring amplifier for low DC voltages	Alexander Meier, DG6RBP	2005/2	88 - 95
Measuring Technology	New measuring method to determine the bandwidth occupied by J3E (SSB) transmissions	Ralf Rudersdorfer, OE3RAA	2005/2	96 - 110
Oscillators	Simple PLL oscillator for receivers with 45MHz intermediate frequency	Peter Artl, DG4EAY	2005/3	130 - 139
Measuring Technology	Low power radio frequency wattmeter (dBm) using an AD8362 detector	Wolfgang Schneider, DJ8ES	2005/3	140 - 146
Measuring Technology	Non-linear distortions	Prof. Gisbert Glasmachetrs	2005/3	147 - 155
Oscillators	Universal PLL oscillator module	Alexander Meier, DG6RBP	2005/3	156 - 163
Filters	Practical Project: Stripline low pass filter for various frequency ranges. Part 2 cont. from 1/2005	Gunthard Kraus, DG8GB	2005/3	164 - 181
Miscellaneous	Fanco's Finest: MGA62563 ultra low noise amplifier	Franco Rota, I2FHW	2005/3	182 - 187
Miscellaneous	Internet Treasure Trove	Gunthard Kraus, DG8GB	2005/3	188 - 189
Filters	Systematic development of low pass filters using lines	Arttoteles Tsiamitros	2005/4	194 - 205
3 cm Band	Frequency input module for 10GHz ATV transmitter module	Alexander Meier, DG6RBP	2005/4	206 - 216
Amateur Television	ATV transmitter with PLL for 10GHz	Alexander Meier, DG6RBP	2005/4	206 - 216

3 cm Band	Frequency input module for 10GHz ATV transmitter module	Alexander Meier, DG6RBP	2005/4	217 - 221
Amateur Television	Frequency input module for 10GHz ATV transmitter module	Alexander Meier, DG6RBP	2005/4	217 - 221
Fundamentals	An interesting program: Circuit simulation using PSPICE	Gunthard Kraus, DG8GB	2005/4	223 - 238
Measuring Technology	Three probes for RF measurements without DUT dsiturbance	Andre Jamet, F9HX	2005/4	239 -242
Measuring Technology	Display unit for low power radio frequency wattmeter using an AD8362 from issue 3/2005	Wolfgang Schneider, DJ8ES	2005/4	243 - 250
Miscellaneous	Internet Treasure Trove	Gunthard Kraus, DG8GB	2005/4	253 - 255
Filters	Design and assembly of a simple 4 pole ladder filter	Wolfgang Schneider, DJ8ES	2006/1	2 - 6
Fundamentals	Correction to the article "An interesting program: Circuit simulation using PSPICE" in issue 4/2005	Gunthard Kraus, DG8GB	2006/1	28
Miscellaneous	Internet Treasure Trove	Gunthard Kraus, DG8GB	2006/1	29 - 30
Optical Band	The Noble Art of measuring optical power	Carl Lodstrom, SM6MOM & KQ6AX	2006/1	35 - 46
Antenna Technology	Design for a printed circuit board antenna, using a Log Periodic antenna as an example	Thomas Bergmann DG8NTB	2006/1	48 - 61
Filters	Practical Project: Stripline low pass filters for various frequency ranges. Part 3 cont. from 3/2005	Gunthard Kraus, DG8GB	2006/1	7 - 28
Antenna Technology	Design of a Quad Yagi: Part 1	Johannes Schad, DG6NDS	2006/2	107 - 116
Fundamentals	The Noble Art of Piping DC to the LNA	Carl Lodstrom, SM6MOM & KQ6AX	2006/2	117 - 123
Miscellaneous	12mm DX in New Zealand, March 2006	Ted Barnes, ZL2IP	2006/2	124
Miscellaneous	Internet Treasure Trove	Gunthard Kraus, DG8GB	2006/2	125 - 127
Oscillators	Down Converter for YIG iscillators (10MHz to 2GHz)	Alexander Meier, DG6RBP	2006/2	66 - 71
Measuring Technology	Selective Wattmeter	Wolfgang Schneider, DJ8ES	2006/2	72 - 78
Antenna Technology	Reciprocal effects between antennas and surrounding metal objects, Part 1	Prof. Ing. Gerd Janzen, DF6SJ	2006/2	79 - 88

Measuring Technology	13GHz prescaler	Zeljko Bozic, S52ZB	2006/2	89 - 94
Fundamentals	Determining S-parameters with PSPICE	Gunthard Kraus, DG8GB	2006/2	95 - 106
Fundamentals	An interesting program: ANSOFT designer SV 2.2	Gunthard Kraus, DG8GB	2006/3	130 - 144
Antenna Technology	Design of a Quad Yagi: Part 2	Johannes Schad, DG6NDS	2006/3	145 - 155
Antenna Technology	Reciprocal effects between antennas and surrounding metal objects, Part 2	Prof. Ing. Gerd Janzen, DF6SJ	2006/3	156 - 168
Fundamentals	Diode multilpiers	John Fielding, ZS5JF	2006/3	169 - 178
Measuring Technology	Power detector covering up to 2.7GHz	Wolfgang Schneider, DJ8ES	2006/3	179 - 183
6 m Band	Ultra linear low noise preamplifier for 6m	Dragoslav Dobriic, YU1AW	2006/3	184 - 189
Miscellaneous	Internet Treasure Trove	Gunthard Kraus, DG8GB	2006/3	190 - 191
Oscillators	VCOs as a replacement for YIG oscillators in the 2 to 4GHz range	Wolfgang Schneider, DJ8ES	2006/4	194 - 197
Measuring Technology	Microwave milliwattmeter to 18GHz, WM 500 PRO (-55dBm to + 30dBm)	Bernd Kaa, DG4RBF	2006/4	198 - 211
Measuring Technology	The Noble Art of measuring small resistances (and voltages)	Carl Lodstrom, KQ6AX & SM6MOM	2006/4	212 - 223
Fundamentals	Transistor frequency multipliers	John Fielding, ZS5JF	2006/4	224 - 237
Fundamentals	An interesting program: Ansoft designer SV 2.2. Part 2 cont. from 3/2006	Gunthard Kraus, DG8GB	2006/4	238 - 250
Miscellaneous	Internet Treasure Trove	Gunthard Kraus, DG8GB	2006/4	253 - 254
Measuring Technology	Noise source diodes	Franco Rota, I2FHW	2007/1	11 - 18
6 m Band	Extending the 50MHz converter into a transverter	Henning C Weddig, DK5LV	2007/1	19 -40
Measuring Technology	Display unit for the power detector by DJ8ES	Alexander Meier, DG6RBP	2007/1	2 - 10
Antenna Technology	Practical Project: Durable and reproducible patch antenna for the 2.45GHz WLAN band, Part 1	Gunthard Kraus, DG8GB	2007/1	41 - 55
Fundamentals	Corrections to transistor multiplier article published in issue 4/2006	John Fielding, ZS5JF	2007/1	56 - 58

Fundamentals	Instrumentation amplifier noise (additional information for the article published in issue 4/2006)	Carl Lodstrom, KQ6AX & SM6MOM	2007/1	59 - 60
6 m Band	EADX 6m contest rules		2007/1	61
Miscellaneous	Internet Treasure Trove	Gunthard Kraus, DG8GB	2007/1	62 - 63
2 m Band	400W power amplifier for 2m	Konrad Hupfer, DJ1EE	2007/2	102 - 108
Oscillators	A GPS controlled frequency standard	Zeljko Bozic	2007/2	109 - 125
Measuring Technology	LCD oscilloscope for spectrum analyser. Plus update on spectrum analyser project	Matjaz Vidmar, S53MV	2007/2	116 - 125
Miscellaneous	Internet Treasure Trove	Gunthard Kraus, DG8GB	2007/2	126
Oscillators	Basics of YIG oscillators and a YIG driver example	Alexander Meier, DG6RBP	2007/2	66 - 76
Measuring Technology	A modern precision automatic SINAD meter, distortion factor meter and true RMS voltmeter	Ralf Rudersdorfer, OE3RAA	2007/2	77 - 101
Measuring Technology	A simple RF/Microwave frequency counter	Matjaz Vidmar, S53MV	2007/3	130 - 140
Measuring Technology	Vector analyser VAA 200 for the 0.1 to 220MHz range with graphical display	Bernd Kaa, DG4RBF	2007/3	141 - 157
Miscellaneous	An IF amplifier with "dB linear" gain control	Henning Christof Weddig, DK5LV	2007/3	158 - 177
Antenna Technology	Practical Project: Durable and reproducible patch antenna for the 2.45GHz WLAN band, P2 cont frm 1/7	Gunthard Kraus, DG8GB	2007/3	178 - 188
Miscellaneous	Internet Treasure Trove	Gunthard Kraus, DG8GB	2007/3	190 - 191
3 cm Band	1 watt power amplifier for 9 to 11GHz	Alexander Meier, DG6RBP	2007/4	194 - 200
Measuring Technology	2-tone audio generator for SSB transmitter measurements	Wolfgang Schneider, DJ8ES	2007/4	201 - 206
Measuring Technology	Coax cable pulse generator used to measure amplifier performance	DF4KS	2007/4	207 - 214
Miscellaneous	Practical project: Crystal filter recycling	Gunthard Kraus, DG8GB	2007/4	215 - 233
Oscillators	Using DDS aliasing to extend its frequency range	Andre Jamet, F9HX	2007/4	234 - 238
Miscellaneous	Sequencer	Bo Hansen, Oz2M	2007/4	239 - 249
Miscellaneous	Introductiom to the JavaScript notebook	Andy Barter, G8ATD	2007/4	242 - 249
Miscellaneous	Internet Treasure Trove	Gunthard Kraus, DG8GB	2007/4	253 - 254

Filters	Filter synthesis using LTspice	Aristoteles Tsiamitros, DD5FT	2008/1	12 - 25
Measuring Technology	Practical Project: Noise factor measurement with older spectrum analysers: part 1	Gunthard Kraus, DG8GB	2008/1	2 - 11
Miscellaneous	The AGC module	Henning Christof Weddig, DK5LV	2008/1	26 - 42
Filters	A new band pass filter design for microwave projects	Joh Fielding, ZS5JF	2008/1	43 - 55
Miscellaneous	John's mechanical Gem	John Fielding, ZS5JF	2008/1	56 - 59
Miscellaneous	Internet Treasure Trove	Gunthard Kraus, DG8GB	2008/1	62 - 63
Miscellaneous	SDR - Software Defined Radio	Eberhard L. Smolka, DB7UP	2008/2	102 - 105
23 cm Band	G H Engineerring PA1.3-100 23cm power amplifier	Andy Barter, G8ATD	2008/2	106 - 114
Measuring Technology	Additional unit for the SM53MV frequency counter. (More accuarcy and RS232 interface)	Zeljko Bozic, S52ZB	2008/2	115 - 120
Miscellaneous	John's mechanical Gem No. 2 Marking out	John Fielding, ZS5JF	2008/2	121 - 124
Miscellaneous	Internet Treasure Trove	Gunthard Kraus, DG8GB	2008/2	125 - 126
Measuring Technology	Low Cost, wideband divide by 64 prescaler from 0.05 - 8GHz	Rafal Orodzinski, SQ4AVS	2008/2	66 - 69
Miscellaneous	Current digital radio standards similar to FM voice transmission, Part 1	Michael Gabis, R Rudersdorfer	2008/2	70 - 81
Measuring Technology	Digital stepped attenuator for up to 2.4GHz	Alexaender Meier, DG6RBP	2008/2	82 - 87
Miscellaneous	From the bit to multi-carrier modulation - basics of digital modulation techniques	Jochen Jirmann, DB1NV	2008/2	88 - 101
Oscillators	The harmful effects of local oscillator noise	Andre Jamet, F9HX	2008/3	130 - 139
Measuring Technology	Practical Project: Noise factor measurement with older spectrum, part 2	Gunthard Kraus, DG8GB	2008/3	140 - 154
76GHz band	76GHz sextupler and amplification	Sigurd Werner, DL9MFV	2008/3	155 - 159
Oscillators	GPS-LCD, an add on to the GPS disiplined oscillator	Primoz Lemut, S53KS	2008/3	160 - 165
Measuring Technology	Attenuators	Aristoteles Tsiamitros, DD5FT	2008/3	166 - 177
Miscellaneous	Beacon controller using ATmega32 and Bascom	Wolfgang Schneider, DJ8ES	2008/3	178 - 186

Miscellaneous	John's mechanical Gem No. 3, semi rigid coax	John Fielding, ZS5JF	2008/3	187 - 188
Miscellaneous	Internet Treasure Trove	Gunthard Kraus, DG8GB	2008/3	189 - 191
23 cm Band	Retuning a GSM band PA from 900MHz to 1296MHz	Dtefan Przeliorz, SP9QZO	2008/4	194 - 195
Oscillators	DDS RF signal generator	Matjaz Vidmar, S53MV	2008/4	196 - 208
Miscellaneous	Universal GPS clock	Wolfgang Schneider, DJ8ES	2008/4	210 - 218
Filters	Example active low pass filters	Aristoteles Tsiamitros, DD5FT	2008/4	219 - 230
Miscellaneous	Current digital radio standards similar to FM voice transmission,. Part 2	Michael Gabis, R Rudersdorfer	2008/4	231 - 240
Measuring Technology	10MHz - 10GHz noise source diodes	Franco Rota, I2FWH	2008/4	241 - 248
6 cm Band	Review of Mini-Kits 6cm 1 Watt PA (EME141-5800)	Richard Giles, G4LBH	2008/4	249 - 250
Miscellaneous	John's mechanical Gem No. 4	John Fielding, ZS5JF	2008/4	252 - 253
Miscellaneous	Internet Treasure Trove	Gunthard Kraus, DG8GB	2008/4	254 - 255
Miscellaneous	Digital T-R control sequencer	Marty Singer, K7AYP	2009/1	2 - 20
Miscellaneous	RST Code and S-Meter revisited	Andre Jamet, F9HX	2009/1	21 - 24
Measuring Technology	Improving harmonic frequency measurements with the HP8555A	Ralp Berres, DF6WU	2009/1	25 - 36
6 cm Band	Antenna Array for the 6cm Band	Jose Geraldo Chiquito	2009/1	37 - 53
Miscellaneous	John's mechanical Gem No. 5, fitting RF connectors onto panels	John Fielding, ZS5JF	2009/1	54 - 56
Miscellaneous	Internet Treasure Trove	Gunthard Kraus, DG8GB	2009/1	61 - 63
Oscillators	DDS using the AD9951	Henning C. Weddig, DK5LV	2009/2	104 - 117
Miscellaneous	John's mechanical Gem No. 6, Tapping holes in metal	John Fielding, ZS5JF	2009/2	118 - 121
Miscellaneous	Internet Treasure Trove	Gunthard Kraus, DG8GB	2009/2	122 - 123
Filters	Cascade synthesis of active bandpass filters	Aristoteles Tsiamitros, DD5FT	2009/2	66 - 77
Miscellaneous	Ansoft Designer SV project: Using microstrip interdigital capacitors	Gunthard Kraus, DG8GB	2009/2	78 - 95
HF Equipment	Top loaded vertical DX antenna for 80m	Wolfgang Schneider, DJ8ES	2009/2	96 - 103

Measuring Technology	Practical tips for building a return loss bridge	Andrea Daretti, IZ2OUK	2009/3	130 - 134
Measuring Technology	How to realise a simple and cheap dummy load	Vincenzo Mendola, IW2KSZ	2009/3	135 - 136
Measuring Technology	Construction Project: Elektor RF Sweep Frequency Genreator / Spectrum Analyser	Andy Barter, G8ATD	2009/3	137 - 153
Miscellaneous	Experimental board for the ATMega128 microcontroller	Wolfgang Schneider, DJ8ES	2009/3	154 - 131
Measuring Technology	The noble art of checking your SWR meter	Carl Lodstrom, KQ6AX, SM6MOM	2009/3	162 - 170
Fundamentals	Possibilities and limits of circuit simulation for radi amateurs	Gunthard Kraus, DG8GB	2009/3	171 - 183
Miscellaneous	John's mechanical Gem No. 7, Antenna element holders	John Fielding, ZS5JF	2009/3	184 - 187
Miscellaneous	Internet Treasure Trove	Gunthard Kraus, DG8GB	2009/3	188 - 189
Oscillators	DFS for microwave beacons, Direct frequency synthesis with auxilliary oscillator	Andre Jamet, F8HX	2009/4	194 - 202
Antenna Technology	Weatherproof UHF & microwave cavity antennas	Matjaz Vidmar, S53MV	2009/4	203 - 231
Miscellaneous	A Stroll Through Military Communications History	Roy Stevenson	2009/4	233 - 241
Miscellaneous	The AGC Module. Continuation from issue 1/2008	Henning C. Weddig, DK5LV	2009/4	242 - 250
Miscellaneous	John's mechanical Gem No. 8, Know your metric nuts and bolts	John Fielding, ZS5JF	2009/4	251 - 253
Miscellaneous	Internet Treasure Trove	Gunthard Kraus, DG8GB	2009/4	254 - 255
24GHz Band	White Box Story - what make of PA?	Jean-Francois Iosca, F1LVO	2010/1	12 - 15
Miscellaneous	RF Power Transformer	Franco Rota, I2FWH	2010/1	16 - 17
Measuring Technology	Digital Gain and Noise Meter (DGNM)	Rafal Orodzinski, SQ4AVS	2010/1	18 - 22
Miscellaneous	Connecting up for VHF digital modes	Brian D Williams, GW0GHF	2010/1	2 - 8
DSP Techniques	Introduction to Digital Signal Processing (DSP)	Gunthard Kraus, DG8GB	2010/1	23 - 37
Measuring Technology	Time Domain Reflectometer (TDR) for radio amateurs, Part 1	Herbert W Schulte, CT2IJD	2010/1	38 - 41

Miscellaneous	The AGC Module, Part 3. Continuation from issue 4/2009	Henning C Wddig, DC5LV	2010/1	42 - 53
Miscellaneous	John's mechanical Gem No. 9, RF Connectors and thread types used	John Fielding, ZS5JF	2010/1	54 - 58
Miscellaneous	Internet Treasure Trove	Gunthard Kraus, DG8GB	2010/1	61 - 63
Miscellaneous	HenryTest review	Andy Barter, G8ATD	2010/1	9 - 11
Fundamentals	Correlation function: What is that? And what is it for?	Andrea Daretti, IZ2OUK	2010/2	108 - 115
Oscillators	CTCSS Oscillator	Antonio Iuliano, IZ1ANS	2010/2	116 - 119
Miscellaneous	John's mechanical Gem No. 10, Attaching hubs to shafts	John Fielding, ZS5JF	2010/2	120 - 124
Miscellaneous	Internet Treasure Trove	Gunthard Kraus, DG8GB	2010/2	125 - 126
2 m Band	Modification of the Philips PRM8060 for amateur use	Jean Claude Beneche, F1AIA	2010/2	66 - 74
Fundamentals	An Interesting Program: Simulation of RF circuits with LT spice iV, Part 1	Gunthard Kraus, DG8GB	2010/2	75 - 89
Fundamentals	Harmonic or Overtone?	Andre Jamet, F9HX	2010/2	90 - 93
13 cm Band	TriHelix or Dish for PE3 at 2.4GHz. Simulation and measurements	Paolo Antoniazzi, IW2ACD	2010/2	94 - 107
3 cm Band	A simple 10GHz power amplifier for beginners	Franco Rota, I2FHW	2010/3	130 - 135
Filters	Bandpass Filters: Top or Bottom Coupling?	Andre Jamet, F9HX	2010/3	136 - 140
Fundamentals	Radio Engineering - basic knowledge. Investigating Signals	Gunthard Kraus, DG8GB	2010/3	141 - 154
2 m Band	Power amplifier for the 2m band Inspired by Doherty	Konrad Hupfer, DJ1EE	2010/3	155 - 165
Antenna Technology	4NEC2 antenna modelling program	Juan Pablo Garcia, EA4CIV	2010/3	166 - 182
Miscellaneous	John's mechanical Gem No. 11, Know your metals	John Fielding, ZS5JF	2010/3	183 - 186
Miscellaneous	Internet Treasure Trove	Gunthard Kraus, DG8GB	2010/3	188 - 189
Fundamentals	Trials and Tribulations of 1.990xxx Crystals	Andre Jamet, F9HX	2010/4	194 - 198
Oscillators	An interesting component: ADF 4360 from Analog Devices	Hubertus Rathke, DC1OP	2010/4	199 - 204
Fundamentals	Radio Engineering - basic knowledge. Investigating Signals	Gunthard Kraus, DG8GB	2010/4	205 - 213
Fundamentals	An Interesting Program: Simulation of RF circuits with LT spice iV, Part 2	Gunthard Kraus, DG8GB	2010/4	214 - 229
23 cm Band	60 Watt amplifier for 23cm Amateur Band	Mihael Kuhne, DB6NT	2010/4	230 - 236
Miscellaneous	The American Museum of Radio and Electricity, Bellingham, Washington	Roy Stevenson	2010/4	237 - 242

23 cm Band	Backpacking on 23cm	Andy Barter, G8ATD	2010/4	243 - 248
Miscellaneous	John's mechanical Gem No. 12, Wind loading - Is my antenna system safe?	John Fielding, ZS5JF	2010/4	251 - 253
Miscellaneous	Internet Treasure Trove	Gunthard Kraus, DG8GB	2010/4	254 - 255
Fundamentals	Revisiting the wideband amplifier using the CF739 FET	Guerrino Daipra, ON1EV	2011/1	1 - 15
Fundamentals	Dielectric absorption or how not to be electrocuted!	Andre Jamet, F9HX	2011/1	16 - 20
Fundamentals	An Interesting Program: Simulation of RF circuits with LT spice iV, Part 3 of 3	Gunthard Kraus, DG8GB	2011/1	21 - 35
Miscellaneous	The AGC Module, Part 4. The search for unwanted phase errors	Henning C Weddig, DC5LV	2011/1	36 - 46
Filters	Design of band pass filters	John Fielding, ZS5JF	2011/1	47 - 53
Miscellaneous	John's mechanical Gem No. 13, Tower foundations	John Fielding, ZS5JF	2011/1	54 - 58
Miscellaneous	Internet Treasure Trove	Gunthard Kraus, DG8GB	2011/1	60 - 63
3 cm Band	A useful Dopler radar module	Carl G Lodstrom, KQ6AX, SM6MOM	2011/2	102 - 106
Measuring Technology	Computer control of HPIB/GPIB measuring instruments with the program MESSZEIT	Hans Ulrich Schmidt, DJ6TA	2011/2	107 - 118
Fundamentals	My future 15W 10GHz SSPA will not run too hot!	Andre Jamet, F9HX	2011/2	119 - 124
Miscellaneous	Internet Treasure Trove	Gunthard Kraus, DG8GB	2011/2	125 - 126
Measuring Technology	The Network Analyser	Paolo Petrini, IW1ACL	2011/2	66 -74
Miscellaneous	Microwave PCB gluing	Andre Jamet, F9HX	2011/2	75 - 78
4 m Band	T470/T670 A 4m(6m) to 70cm transverter	Lapo Pieri, IK5NAX	2011/2	79 - 88
Antenna Technology	An Interesting Program: Simulation and construction of a Helix antenna for 2.45GHz using 4NEC2	Gunthard Kraus, DG8GB	2011/2	89 - 101
Fundamentals	Qudrature Amplitude Modulation (QAM)	Gunthard Kraus, DG8GB	2011/3	130 - 143
Fundamentals	Sources of external noise and its effects on radio reception	Ralf Rudersdorfer, OE3RAA	2011/3	144 - 151
Measuring Technology	Extending the range of a Racal Dana 1991 Frequency Counter to 12GHz	Ralph Berres, DF6WU	2011/3	152 - 161
Antenna Technology	High Performance 10GHz Dish Tests Using a Simple 1W Amplifier	Paolo Antoniazzi, Marco Arecco	2011/3	162 - 170

Miscellaneous	No, I do not want to use lead free solder, especially for microwave projects	Andre Jamet, F9HX	2011/3	172 - 174
Filters	A versitile VHF Bandpass Filter	Andre Jamet, F9HX	2011/3	175 - 178
Fundamentals	Remenbering 30 Years Ago: Circulators and Isolators. An article from issues 1 & 2/1972	R Lentz, DL3WR	2011/3	179 - 188
Miscellaneous	Internet Treasure Trove	Gunthard Kraus, DG8GB	2011/3	189 - 190
23 cm Band	A simple transverter for the1.3GHz band	Rafal Orodzinski, SQ4AVS	2011/4	194 - 201
Fundamentals	Practical Project: Development of a 50MHz to 2.5GHz wideband MMIC amplifier, Part 1	Gunthard Kraus, DG8GB	2011/4	202 - 214
Miscellaneous	The demodulator module	Henning C. Weddig, DC5LV	2011/4	215 - 231
Fundamentals	Soldering advice for 0.5mm pitch SMD ICs	Bernd Kaa, DG4RBF	2011/4	232 - 236
Fundamentals	Become familiar with ceramic capacitors for good use from DC to microwaves	Andre Jamet, F9HX	2011/4	237 - 241
Measuring Technology	Signal Hound: Compact 4.4GHz spectrum analyser and matching tracking generator	Sam Jewell, G4DDK	2011/4	242 - 249
Fundamentals	Temperature measurement of electronic components, applied to a 10GHz PA	Andre Jamet, F9HX	2011/4	250 - 254
Miscellaneous	Internet Treasure Trove	Gunthard Kraus, DG8GB	2011/4	255
Antenna Technology	Variable Zo - A New Antenna Design Paradigm	Richard A Formato Ph. D, WW1RF	2012/1	18 - 23
Fundamentals	Practical Project: Development of a 50MHz to 2.5GHz wideband MMIC amplifier, Part 2	Gunthard Kraus, DG8GB	2012/1	2 - 17
Measuring Technology	A phase meter: a help to synchronise oscillators to GPSDO	A Daretti, and G Canale	2012/1	24 - 27
Fundamentals	A Useful Gain Block for the Radio Amateur	Geoffff Pike, GI0GDP	2012/1	28 - 30
Filters	YIG Filter with calibration memory	Ralp Berres, DF8WU	2012/1	35 - 48
Measuring Technology	AGC test switch	Henning C. Weddig, DK5LV	2012/1	49 -61
Miscellaneous	Internet Treasure Trove	Gunthard Kraus, DG8GB	2012/1	62 - 63
Fundamentals	Become familiar with SMD resistors for good use from DC to microwaves	Andre Jamet, F9HX	2012/2	101 - 110

Antenna Technology	Parabola Calculator	Andy Barter, G8ATD	2012/2	111 - 116
Antenna Technology	Tubular radiator for parabolic antennas on the 13cm band (reprint from issue 4/1976)	H. J. Griem, DJ1SL	2012/2	117 - 124
Miscellaneous	Internet Treasure Trove	Gunthard Kraus, DG8GB	2012/2	125 - 126
Miscellaneous	Royal Maol Price Increases	Andy Barter, G8ATD	2012/2	66
Oscillators	LPRO-101 Rubidium frequency standard with output drver for different frequencies	Wolfgang Schneider, DJ8ES	2012/2	67 - 75
Fundamentals	The harmful effects of image frequency in microwave transverters	Andre Jamet, F9HX	2012/2	76 - 83
Antenna Technology	An Interesting Program: Development of a Circularly Polarised Patch Antenna for 2.45GHz with Sonnet	Gunthard Kraus, DG8GB	2012/2	84 - 100
Miscellaneous	Results of Postal Price Survey	Andy Barter, G8ATD	2012/3	130
Filters	An Interesting Project: A low-loss 10.7MHz bandpass filter withh attenuation up to 500MHz	Gunthard Kraus, DG8GB	2012/3	131 - 146
Fundamentals	The use of electrolytic capacitors in DC power supplies	Andre Jamet, F9HX	2012/3	147 - 154
Oscillators	Microwave oscillators using cavity resonators	Carsten Vieland. DJ4GC	2012/3	155 - 163
Measuring Technology	A Directional Coupler for the HF and VHF range	Conrad Hupfer, DJ1EE	2012/3	164 - 171
Antenna Technology	An Electronic Comopass	Andy Barter, G8ATD	2012/3	172 - 181
Fundamentals	Using Smith Diagrams, Reprint from 1/1984	Erich Stadler, DG7GK	2012/3	182 - 189
Miscellaneous	Internet Treasure Trove	Gunthard Kraus, DG8GB	2012/3	190 - 191
Oscillators	High stability oscillator with PLL multiplier for use with DDS components	Wolfgang Schneider, DJ8ES	2012/4	194 - 203
2 m Band	144MHz power amplifier with feedback - A summary report	Konrad Hupfer, DJ1EE	2012/4	204 - 206
Filters	The filter bank module	Henning C. Weddig, DK5LV	2012/4	207 - 220
Antenna Technology	Electronic compass Windows display	Andy Barter, G8ATD	2012/4	221 - 225
Shortwave & IF Modules	VLF receiving with an Active Magnetic Antenna and PC sound card interface	Gunthard Kraus, DG8GB	2012/4	226 - 244
Measuring Technology	A modern Test Set for Network Analysers	Paolo Petrini	2012/4	245 - 251

Miscellaneous	Internet Treasure Trove	Gunthard Kraus, DG8GB	2012/4	252 - 253
Miscellaneous	Win 150 Euros worth of components (introduction to a competition for article in 2013)	Andy Barter, G8ATD	2012/4	254
3 cm Band	ATV Transverter for conversion of the 23cm band to the 3cm band	Michael Klerkx, PA0MKX	2013/1	2 - 9
Measuring Technology	AGC test switch, part 2	Henning C. Weddig, DK5LV	2013/1	20 - 27
Shortwave & IF Modules	VLF receiving with an Active Magnetic Antenna and PC sound card interface, part 2	Gunthard Kraus, DG8GB	2013/1	28 - 49
Miscellaneous	Counterfeits	Andre Jamet, F9HX	2013/1	50
Miscellaneous	A useful coax latching relay control circuit	Marty Singer, K7AYP	2013/1	51 - 60
Miscellaneous	Internet Treasure Trove	Gunthard Kraus, DG8GB	2013/1	62 - 63
Miscellaneous	An interesting program: DOS programs (e.g. PUFF) on Windows 7	Gunthard Kraus, DG8GB	2013/2	102 - 105
Miscellaneous	Updating the AX.25 network in Slovenia Radio transceivers for the new Non-Flawless Protocol Network	Majaz Vidmar, S53MV	2013/2	106 - 117
Measuring Technology	A Sensitive Thermal Power Meter. Reprint from issue 4/1983	Carsten Vieland, DJ4GC	2013/2	118 - 123
Miscellaneous	Internet Treasure Trove	Gunthard Kraus, DG8GB	2013/2	125 - 126
Miscellaneous	Modern beacon design	Wolfgang Schneider, DJ8ES	2013/2	66 - 72
Measuring Technology	A vector measurement system for the X band (8 - 12GHz) based on an automated slotted waveguide	Massimo Donelli	2013/2	73 - 81
Miscellaneous	The RTL-SDR Working with a USB stick	Dirk Muller, DB6FM	2013/2	82 - 89
23 cm Band	Development of a preamplifier from 1 to 1.7GHz with a noise figure of 0.4dB	Gunthard Kraus, DG8GB	2013/2	90 - 101
122GHz Band	Oscillator for 122GHz: Frequency multiplier from 61GHz and amplifier	Sigurd Werner, DL9MFV	2013/3	130 - 135
Miscellaneous	An interesting progran: Today PUFF 2.1 for Windows 7: now on CD	Gunthard Kraus, DG8GB	2013/3	136 - 147
Fundamentals	Operational Transconductance Amplifiers (OTA)	Aristotles Tsiamitros	2013/3	148 - 162
Miscellaneous	The RTL-SDR Working with a USB stick. Part 2 continued from issue 2/2013	Dirk Muller, DB6FM	2013/3	163 - 173
Fundamentals	Directional couplers - made to measure. Re[print from 4/1984	Harald Braubach, DL1GBH	2013/3	174 - 180
Fundamentals	Extremely Low Noise Preamplifiers require Low Loss Antenna Cables. Wideband Directional Coupler	Michael Martin, DJ7VY	2013/3	181 - 189

Topic	Title	Author	Edition	Pages
Miscellaneous	Internet Treasure Trove	Gunthard Kraus, DG8GB	2013/3	190 - 191
Miscellaneous	A brief hsitory of VHF Communications Magazine	Andy Barter, G8ATD	2013/4	194 - 200
70 cm Band	A low noise preamplifier for the 70cm band with gian of 25dB and a noise figure of approx 0.4dB.	Gunthard Kraus, DG8GB	2013/4	201 - 213
122GHz Band	Freqiuency Doubler and Sub-harmonic mixer for 122GHz	Sigurd Werner, DL9MFV	2013/4	214 - 219
Miscellaneous	Strong following wind for Sonnet Lite. A book review	Gunthard Kraus, DG8GB	2013/4	220 - 222
23 cm Band	A Solid State Converter for 24cm. Reprint from the first VHF Communications Magazine in 1969	R Lentz, DL3WR	2013/4	227 - 243
Antenna Technology	Antenna Notebook. A reprint of the first of a series of articles by the original publisher	T Bittan, G3JVQ/DJ0BQ	2013/4	243 - 247
Miscellaneous	Internet Treasure Trove	Gunthard Kraus, DG8GB	2013/4	254 - 255