Content / Inhalt

Antennas and Feeds

Designing, Building and Testing Feeds for Offset Dishes by Charlie Suckling, DL3WDG	7
A 1296 MHz Low Noise Yagi with a Bent Dipole by Hartmut Klüver, DG7YBN with John Sygo, ZS6JON	35
Deep Reflector Prime-Focus Feed for Space Communication by Rastislav Galuscak, OM6AA, Walter Crauwels, ON4BCB, Pavel Hazdra, Vaclav Kabourek, Milos Mazanek	45
Self Construction of Parabolic Dishes by Michel Winiger, HB9JAW	58
Compact Low-Noise Reflector Antenna System for Satellite Communication by Rastislav Galuscak, OM6AA et al	75
How to Measure Spillover of a Parabolic Antenna by Joachim Köppen, DF3GJ	102
Checking the Dish by Giovanni Holzer, IN3HOG	119
Waveguide Matching Plates - Connecting different size waveguides by Paul Wade, W1GHZ	143
Transverters & Transceivers	
A selective no-tune 432 MHz Transverter for SDR by Gerhard Hoffmann, DK4XP	160
"El Burrito" (EB6) - a very simple FM/CW-Transceiver for 6cm (5760 MHz) by Werfried Kuneth, OE8FNK	181
Updated 122/134 GHz Transceiver by David Minchin, VK5KK	193

Measuring Equipment & Miscellaneous

by Dennis G. Sweeney, WA4LPR	225
Agile Sources based on the ADF5355 Microwave Wideband Synthesiser with Integrated VCO by Hans Wagemans, ON4CDU, and Christophe Huygens, ON4IY	269
A Very Low Noise Voltage Regulator by Gerhard Hoffmann, DK4XP	293
Universal Sequencer with Coaxial Relay Driver by Daniel Uppström, SM6VFZ	296
Three Channel Digital T/R Sequencer by Goran Popovic, AD6IW	303
Transverter Interface for Multiband IF Radios - like IC-705, FT-817/818, K2/3 by Goran Popovic, AD6IW	310
Modification of the IC-705 for Switching Voltage at TX by Johannes Züge, DL3NDX	322
A 12 GHz 1/8 Prescaler by Gerhard Hoffmann, DK4XP	325
Frequency Synthesizer with LMX2594 for 10 MHz - 15 GHz by Gerhard Hoffmann, DK4XP	332
Building your own Waveguide Calibration Kit by Dominique Dehays, F6DRO	345
Waveguide Cross-guide Directional Couplers by Paul Wade, W1GHZ	355
<u>Propagation</u>	
WeatherBox - an Arduino-based system for real-time measurement of atmospheric data and the prediction of microwave propagation by Barry Chambers, G8AGN	375