

Content / Inhalt

Antennas and Feeds

Designing PCB Log Periodic Antennas, WA5VJB

70cm Deep Dish Feed, CT1DMK

Analysis of the OK1DFC Septum Feed, W1GHZ

Information and practical hints for the construction of a Septum Feed, OK1DFC

The Design of Driven Elements for VHF/UHF Yagi Antennas, G8MBI

Practical Construction of DL6WU Long Yagis for 1296 MHz, VK2FZ

Measuring Equipment, Combiners, Switches

Combiners, Couplers and Hybrids, A Case Study, Part 1 and 2, DC8NR

47 GHz Waveguide Switch, I3OPW + IW3EHQ

Another Waveguide Switch for 47 GHz, DJ6BU + DC0DA

Microwave T/R Switches using Low-Cost PIN Diodes, I2SG

Broadband Directional Coupler from 1-6 GHz, DB7BP

A Simple TWT Tester, S57UUU

Oscillators

Low Noise VHF Crystal Oscillators, Theory and Simulation, DK4XP

411 GHz Corner Cube Mixer, CT1DMK

Locking VCXOs to 10 MHz for Microwave and mmWave LO's, CT1DMK

Locking VCXOs to 10 MHz – Any Frequency, Universal Version, CT1DMK

Locking VCXOs to a 1 pps GPS Output for the Microwave and mmWave Local Oscillators, CT1DMK

Oven-stabilized XO for VHF, DF9LN

Preamps

A very high Dynamic Range LNA for 144 MHz, PA3BIY

Corrections for PA3BIY's 2m LNA, DC8NR

47 GHz LNA, DB6NT

L + S - Band (23 + 13cm) LNA with PHEMT ATF55143, AD6IW

Update and Corrections for AD6IW's L + S - Band LNA

Transverters

1.3 GHz Transverter MKII, DB6NT

2.3 GHz Transverter MKII, DB6NT

10 GHz Transverter MKII, DB6NT

24 GHz Transverter MKIII, DB6NT

Power Amplifier

600 W 23cm PA with YD1336 Triode, DJ3FI

1 (-8) W 24.2 GHz PA in Microstrip Technique, DL2AM

Basics and Miscellaneous

Performance of Input Circuits for Low Noise Amplifiers
in the VHF/UHF Range, DC8NR

Receiver Dynamic Range, SM5BSZ

TWT Power Supply Design, CT1DMK

A SMA-Microstrip Junction, G3WDG