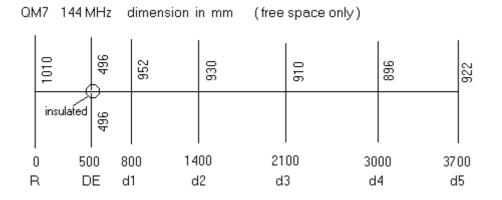
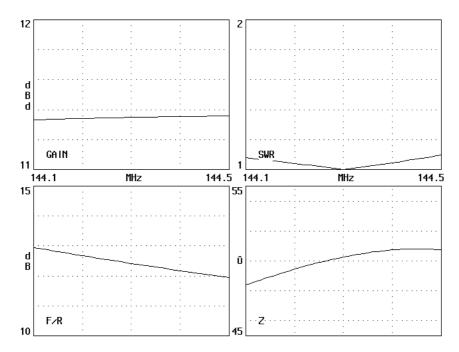
QM7 - seven elements Yagi-Uda Antenna



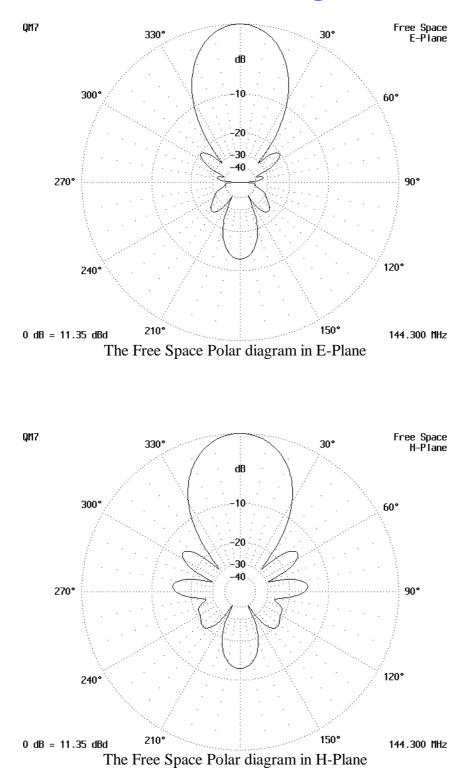
The QM7 antenna is a simple 7 elements Yagi with 3.7 m boom length for the lower 144 MHz SSB/MGM band, I used it mainly for Sporadic-E and MS contacts. It exhibits a forward gain of 11.35 dBd; i.e. 13.5 dB forward gain over the isotropic radiator, while the F/R is about 12.5 dB.



It really matches 50 Ohms impedance, and it is coupled to the 50 Ohms coaxial cable with the use of 1:1 balun.



QM7 - seven elements Yagi-Uda Antenna



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