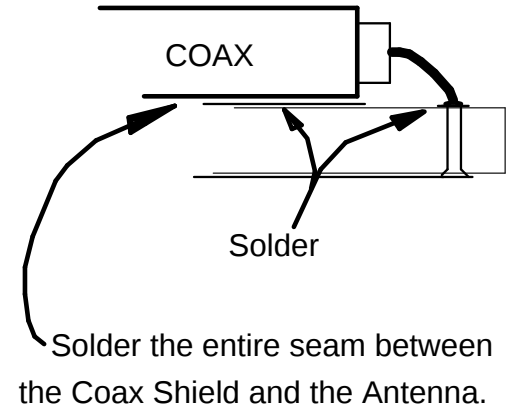
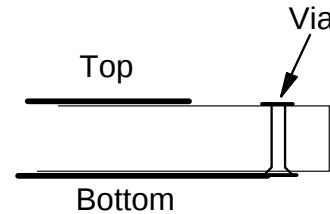
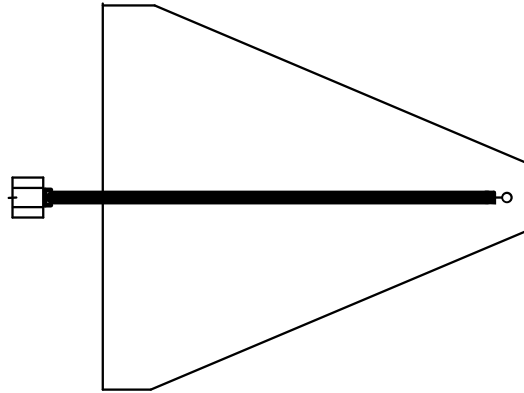


2 - 11 GHz PCB LP WA5VJB



Uses:

EMI Work

Broad Band Dish Feed

Spectrum Analyzis

SDR's

Notes: Solder the Coax shield along the antenna, and the Coax Center Conductor to the via.

.085 Simi-rigid and the Teflon version of RG-174 work well.

.141 semi-rigid is not recommended, it's larger diameter unbalances the antenna above 6 GHz.

Typcial Antenna Factors:

2 GHz 30 6 GHz 40

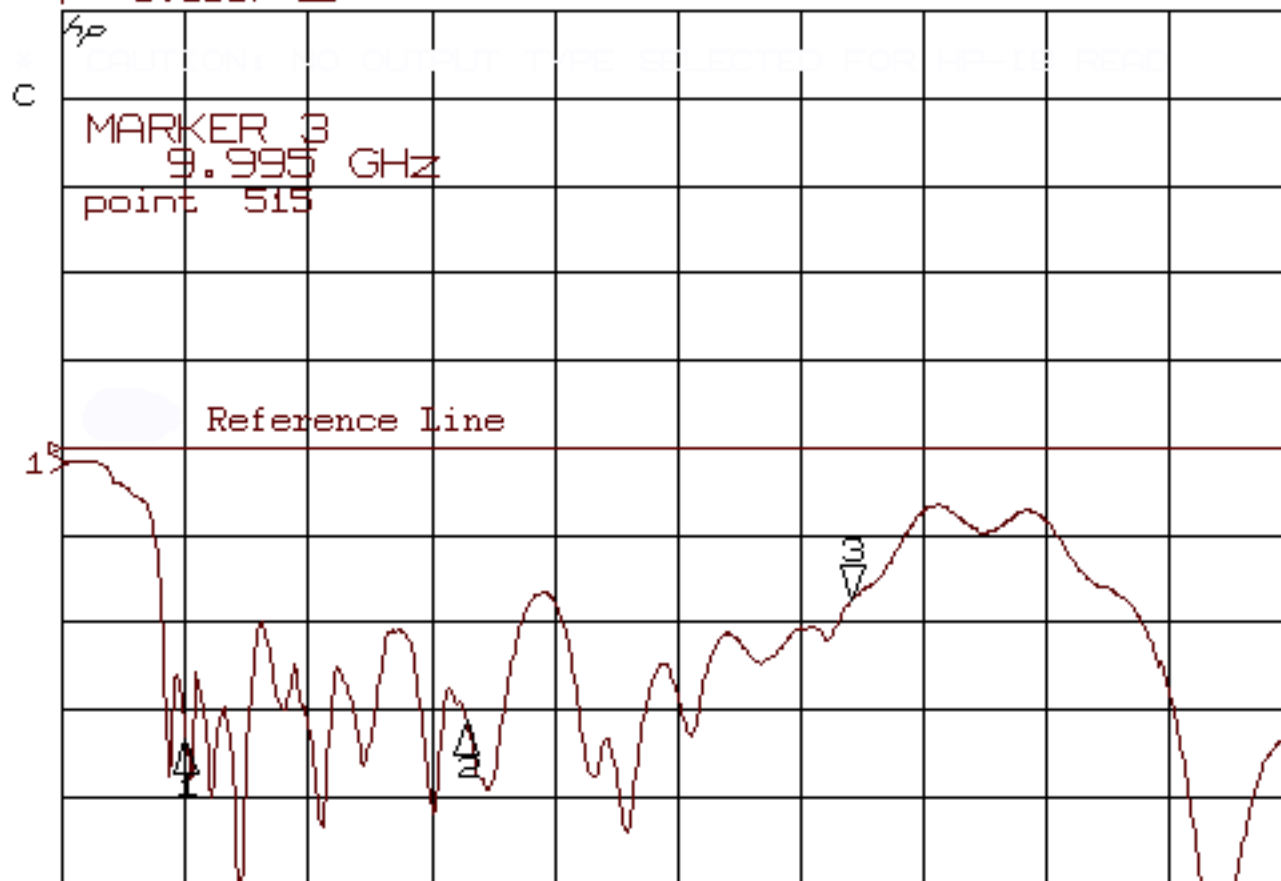
3 GHz 33 10 GHz 45

* Antenna Factors used when measuring Field Strengths

Average Gain 6 dBi

Title PCB-LP Antenna		
Size B	Number NTMS	Rev B
Date: 7-11-2016		Drawn by: KEB
File Name: LP2to11.pcb		Sheet 1 of 1

► S₂₂ log MAG
REF 0.0 dB
3 5.0 dB/
▼ -8.6597 dB



MARKER 1
2.4 GHz
-16.581 dB

MARKER 2
5.6025 GHz
-15.524 dB

► MARKER 3
9.995 GHz
-8.6597 dB

START
1.00000000 GHz

STOP
15.00000000 GHz

05 JUN 16
20:20:09