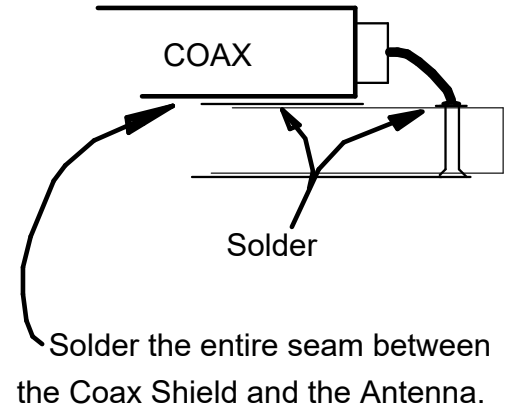
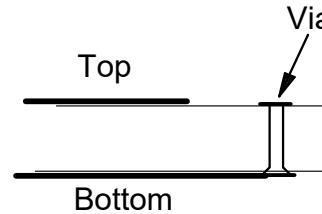
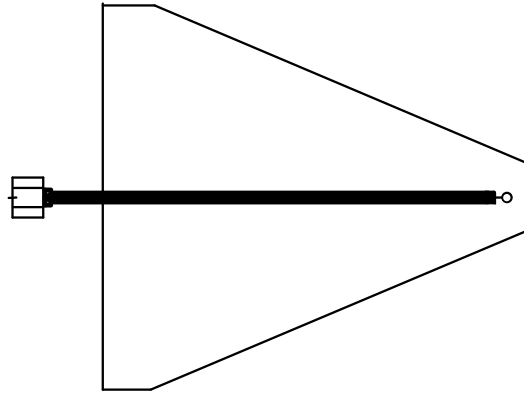


2 - 11 GHz PCB LP WA5VJB



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.

Typical 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

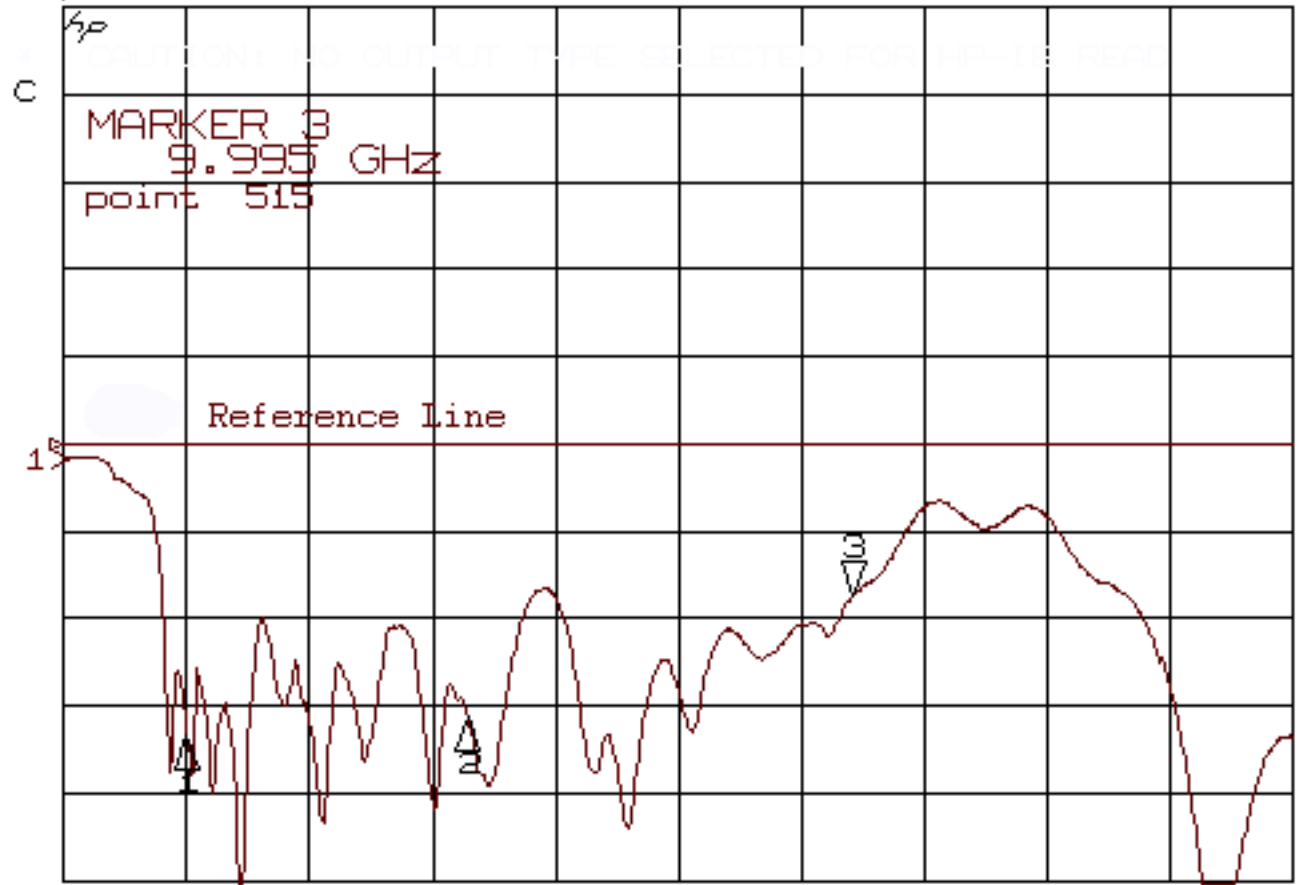
Title				PCB-LP Antenna	
Size	Number		Rev		
B	NTMS		B		
Date: 7-11-2016			Drawn by: KEB		
File Name: LP2to11.pcb			Sheet 1 of 1		

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
1.000000000 GHz

STOP
15.000000000 GHz

05 JUN 16
20:20:09