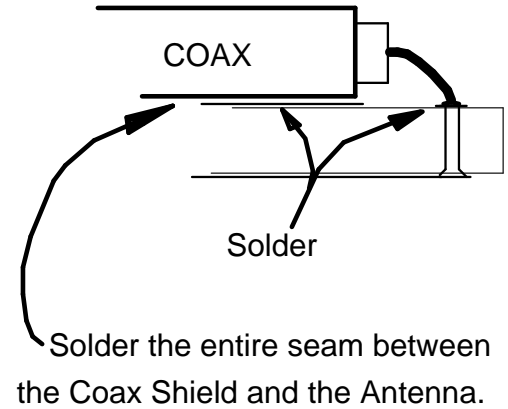
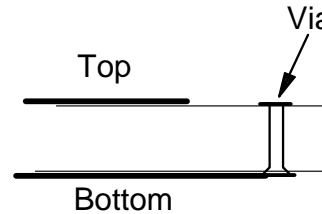
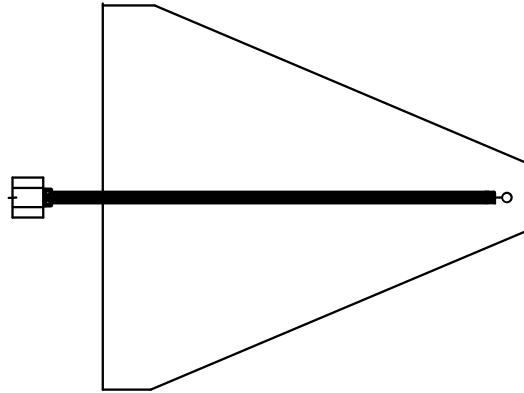


# 2 - 11 GHz PCB LP WA5VJB



## 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:

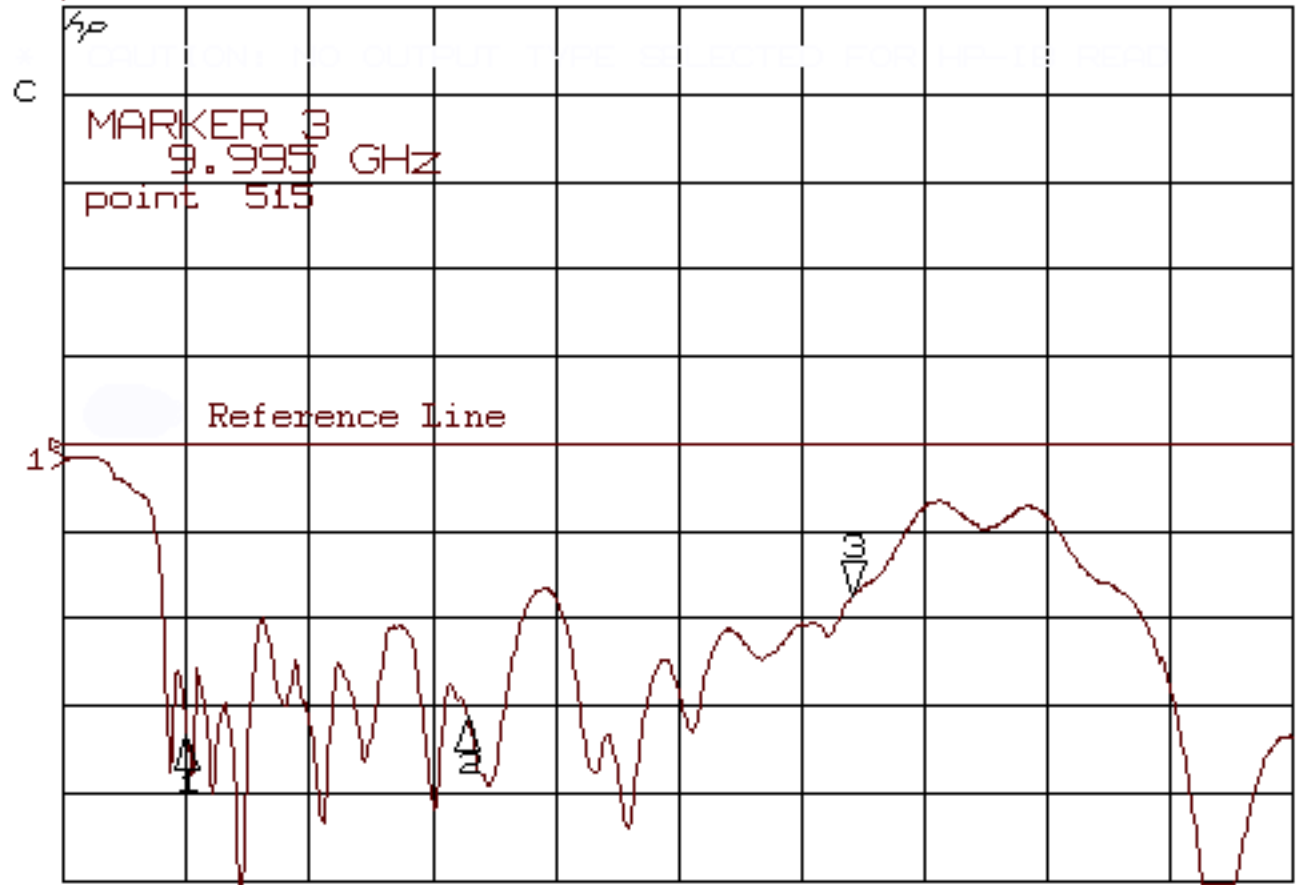
2 GHz 30    6 GHz 40  
3 GHz 33    10 GHz 45

\* Antenna Factors used when measuring Field Strengths

Average Gain 6 dBi

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

S<sub>22</sub> 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