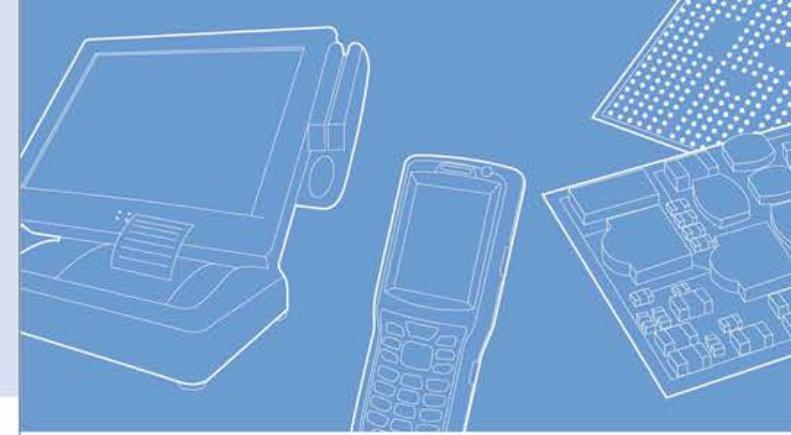




# Gen-X Antennas Report in EVT3 Phase



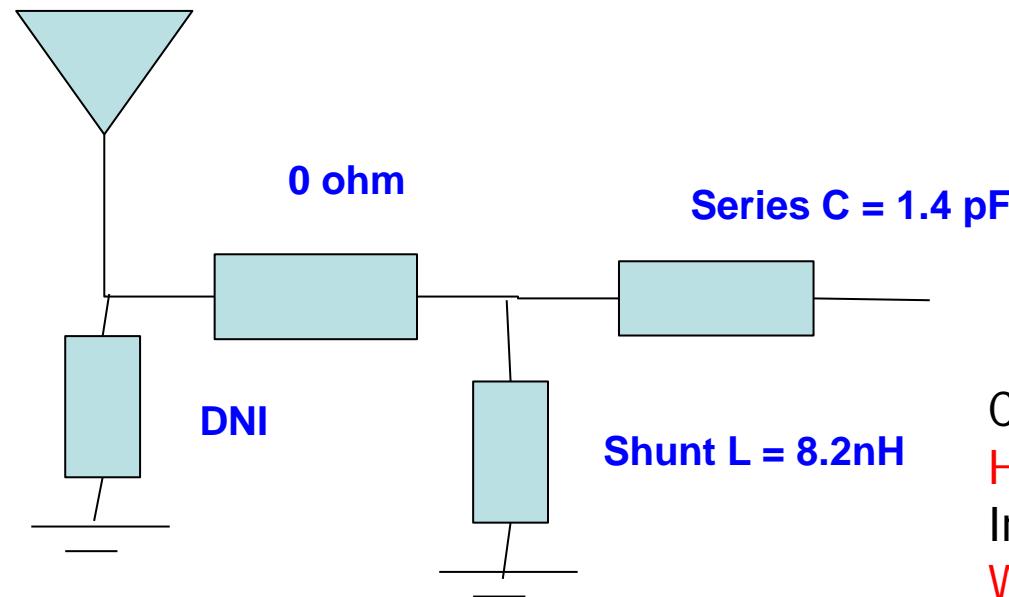
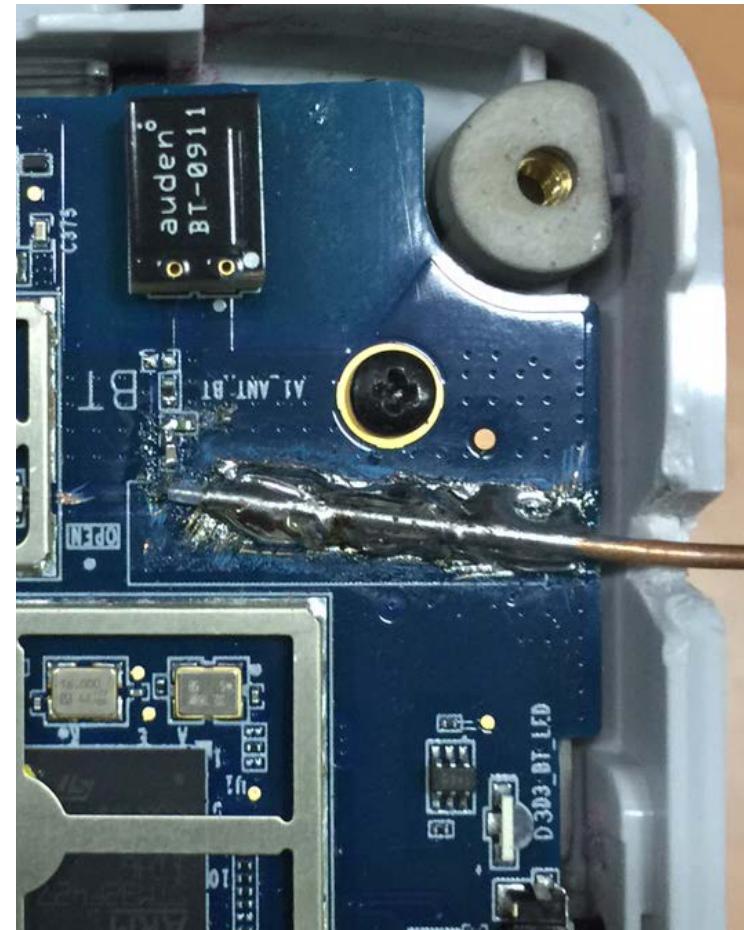
Ken  
RF Development  
Department  
CVS1  
USI  
May. 26, 2015

- 1. Summary
- 2. BT antenna Performance

# Summary

- Change the component for BT matching circuit.
- The efficiency is about 53~57% for BT antenna and the peak gain is 2.6dBi

# BT Antenna Picture and Test Fixture

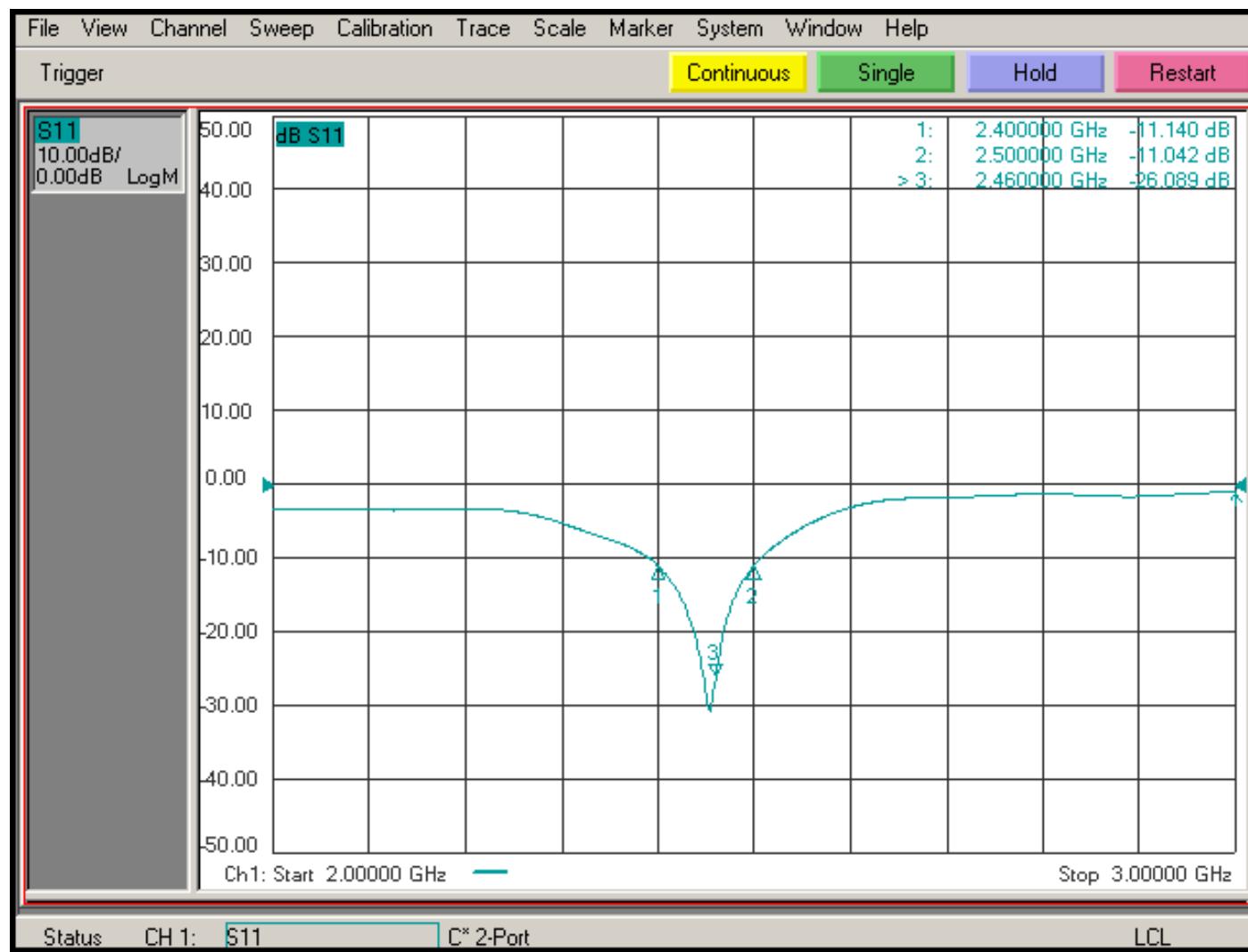


Capacitance: 1.4 pF +/- 0.05pF - GJM1555C1H1R4BB01D  
Hi-Q\_low\_ESR  
Inductance: 8.2nH +/- 2% - LQW15AN8N2G00  
Wire Wond

# BT Antenna Picture and Test Fixture

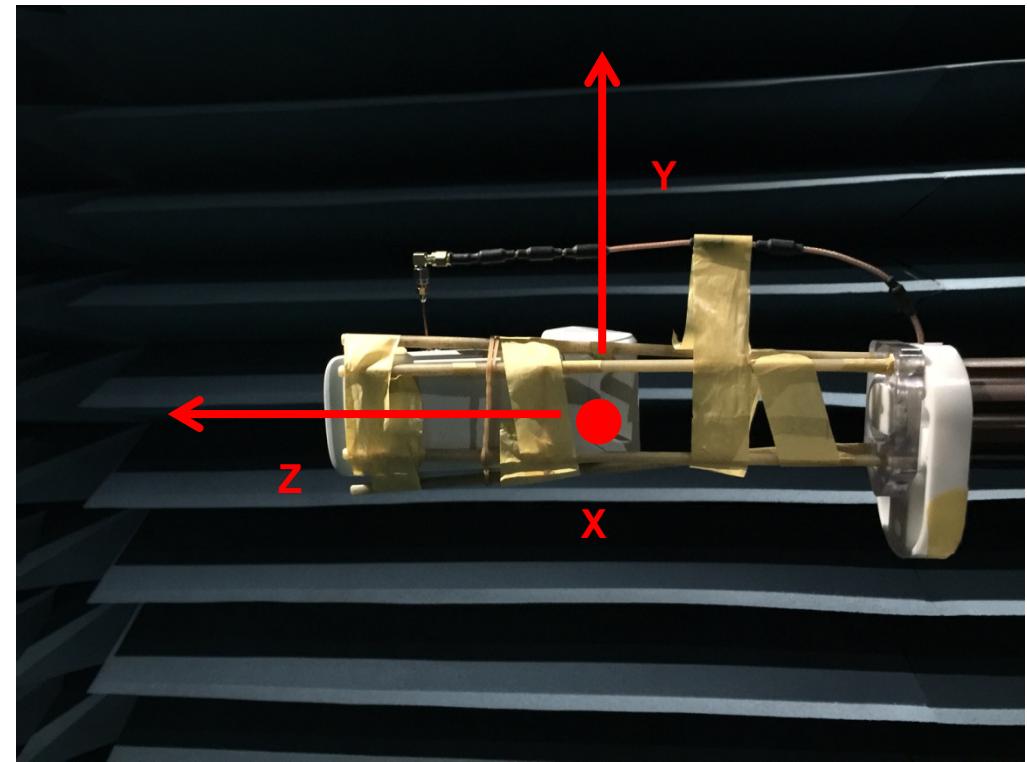
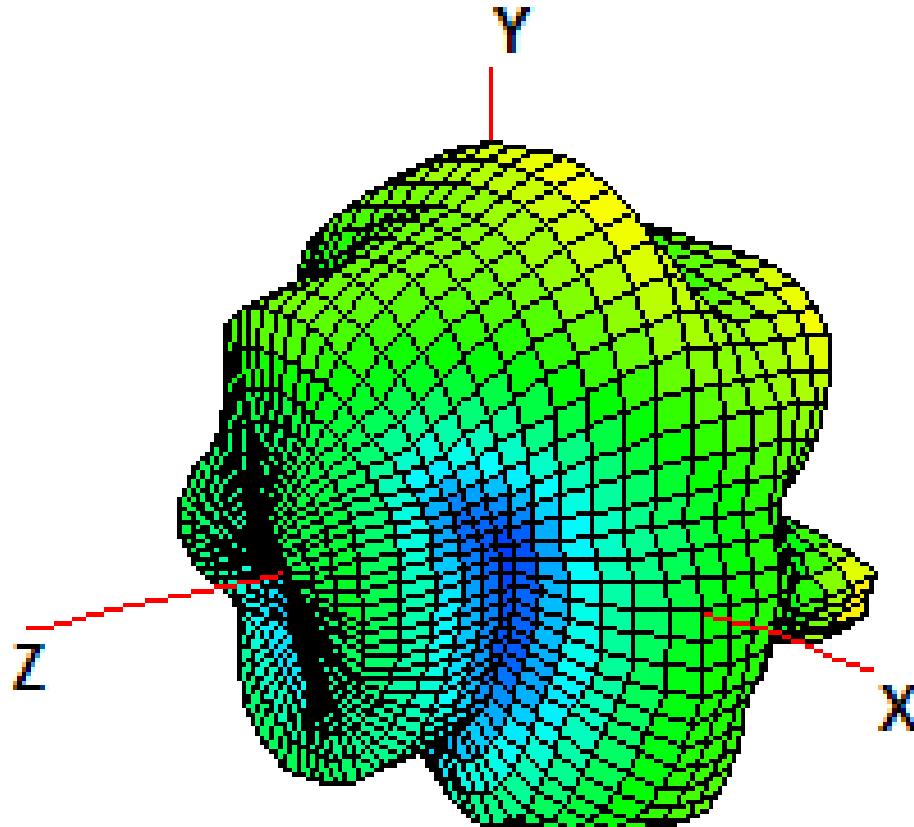


# BT Antenna Performance



Frequency (MHz)	2400	2450	2500
Efficiency(%)	57.21	57.87	53.42
Directivity(dB)	1.97	2.47	2.31

# 3D-Pattern





# Thank You

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