

Antenna Specification

Eve Systems LLC

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A. Antenna Testing Conditions

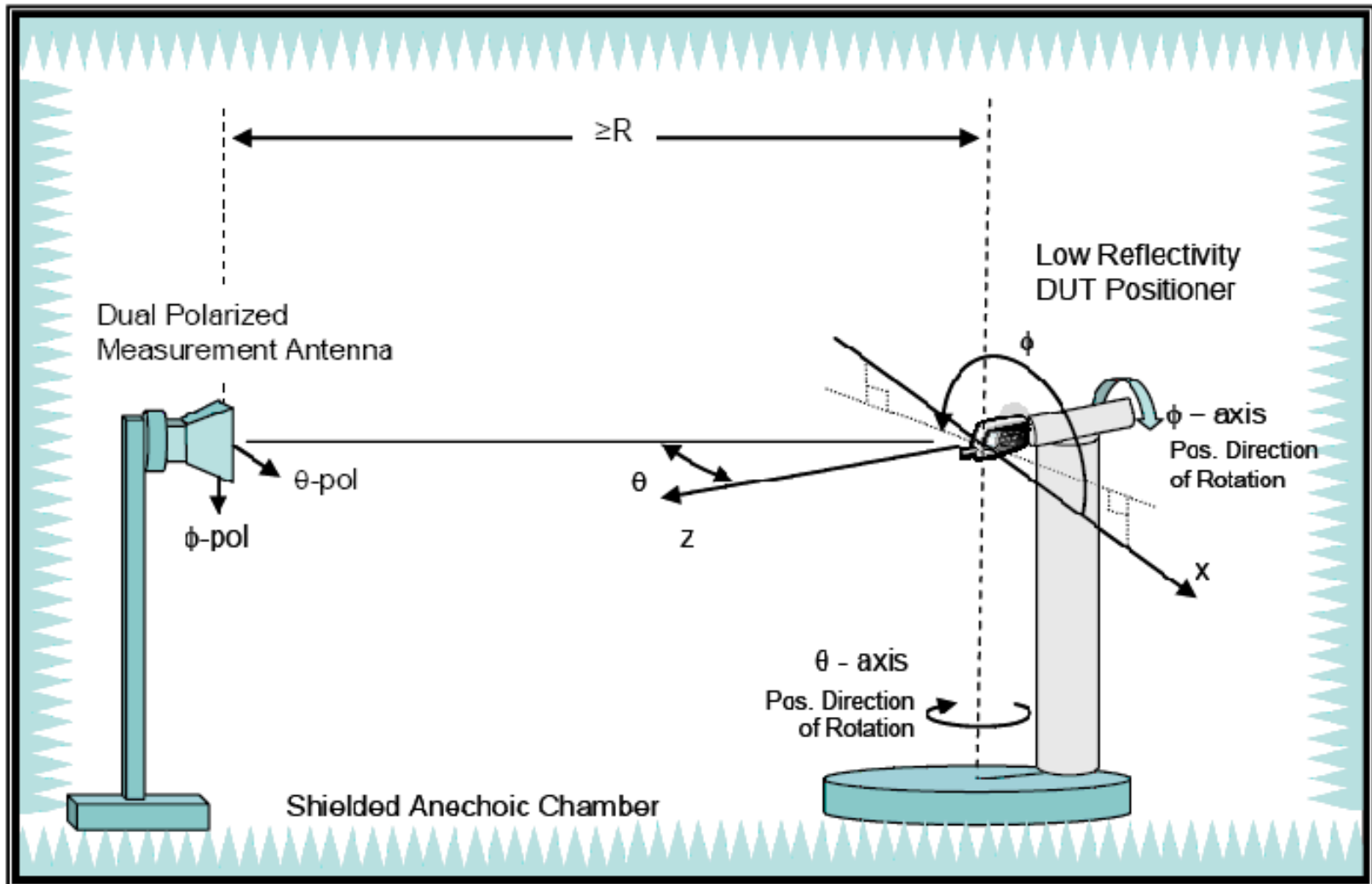
1. Test System
2. Antenna Under Test
3. Antenna Placement

B. Antenna RF Characteristics

1. Return Loss
2. Gain Table
3. 3D Radiation / 2D Pattern

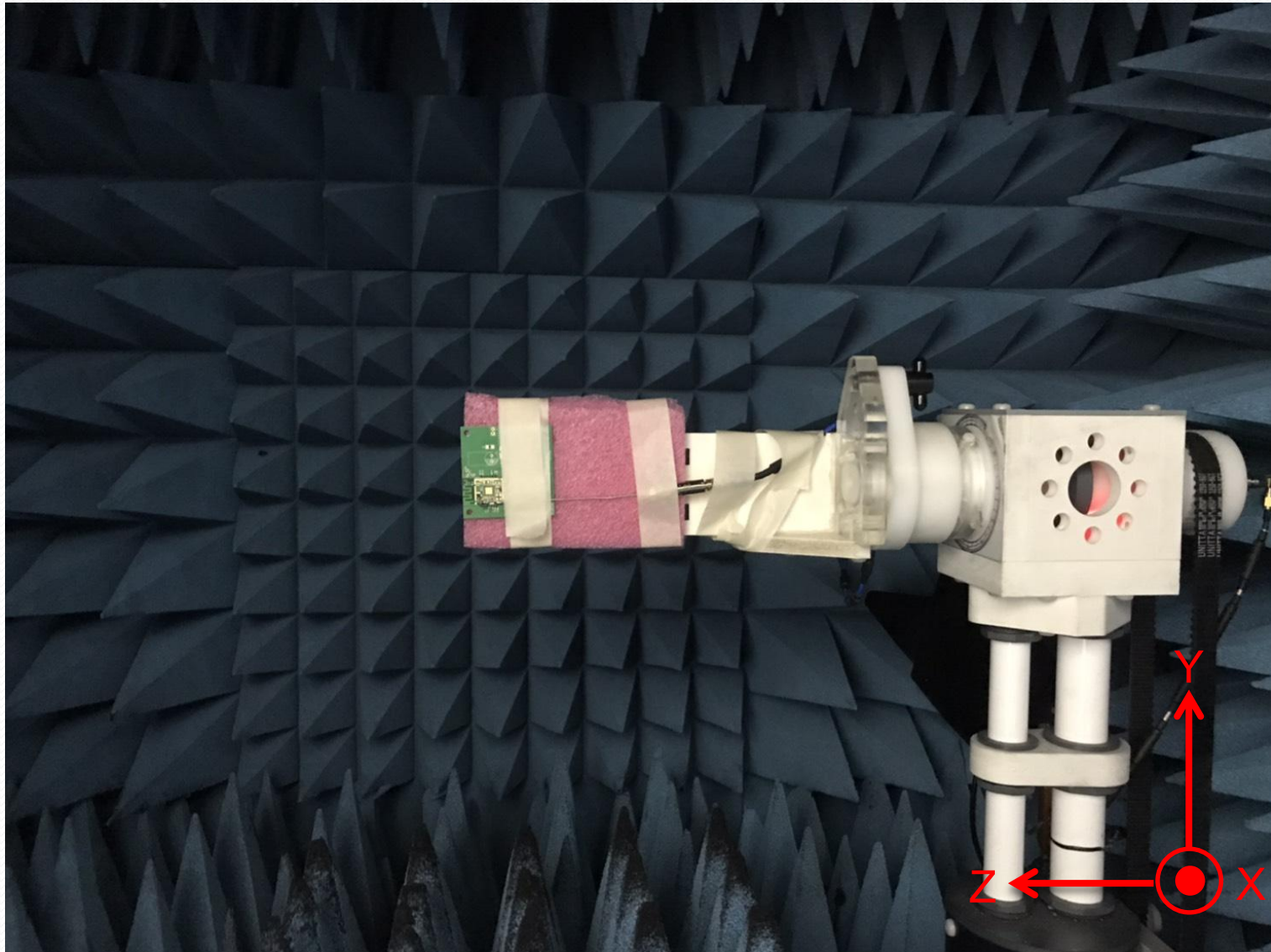
Antenna Test System

LYNwave



Antenna Under Test

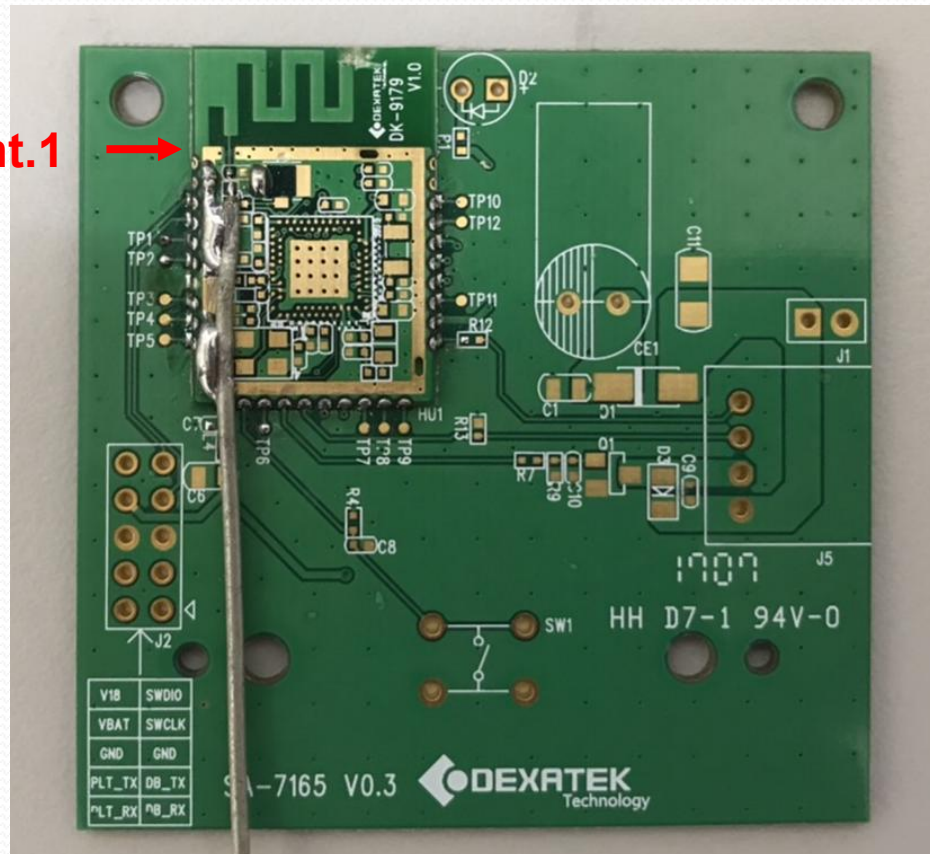
LYNwave



Antenna Placement

LYNwave

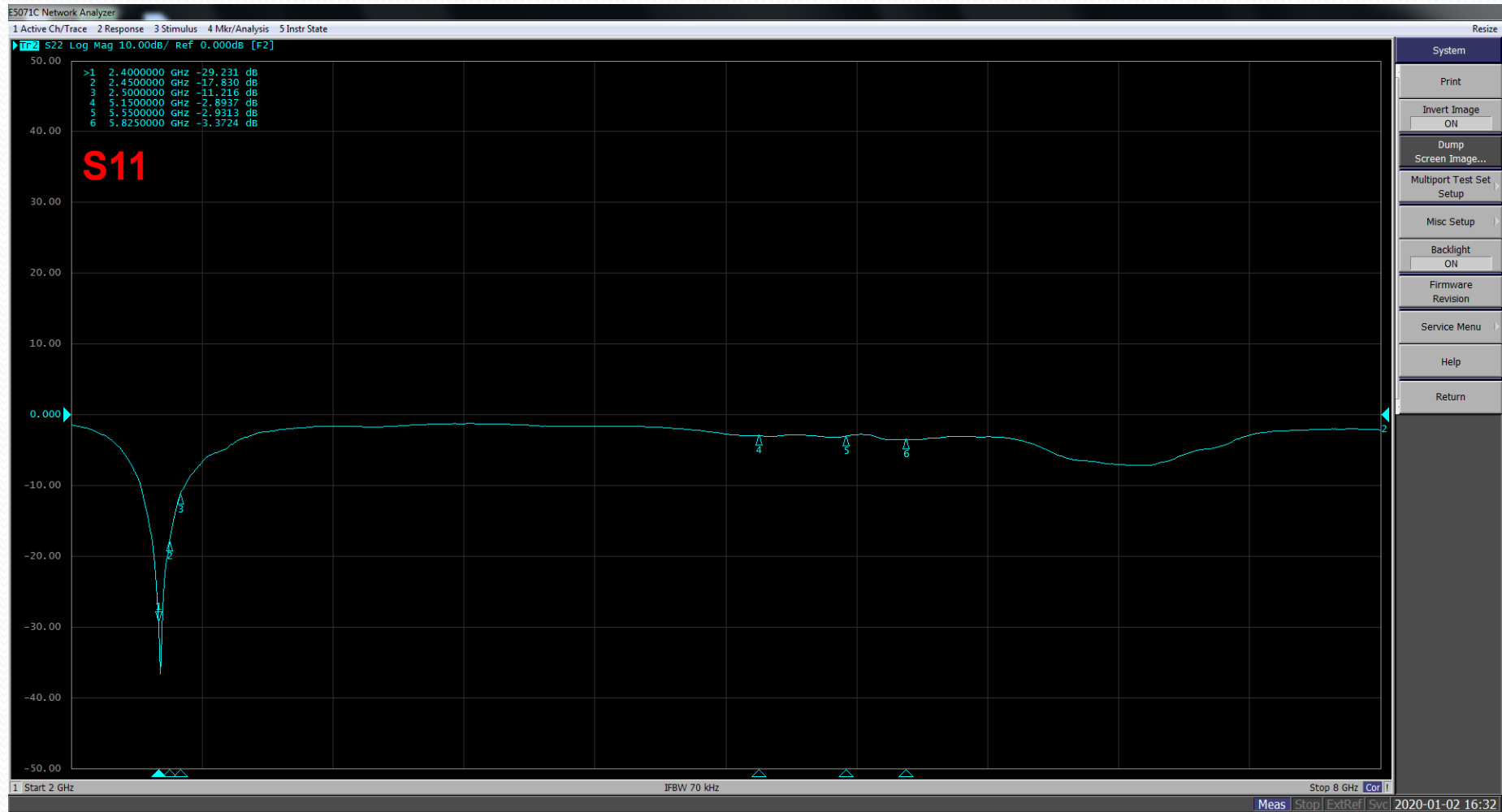
Ant.1



Ant. 1 Single band 2.4 GHz

Return loss

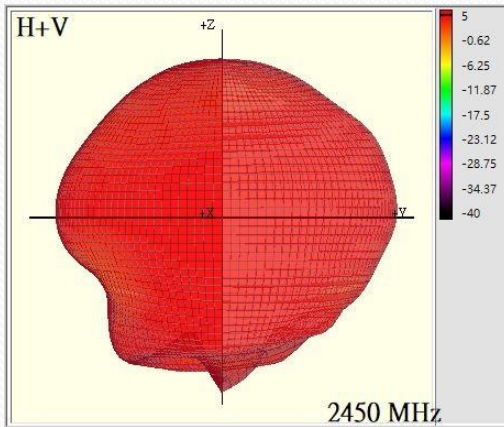
LYNwave



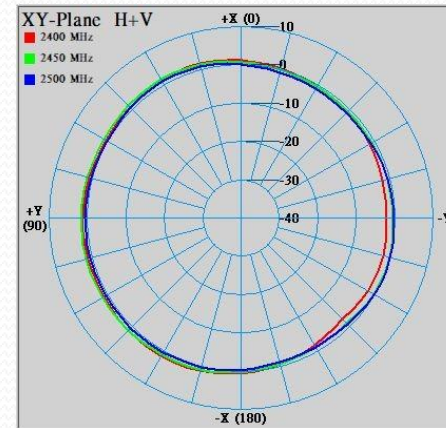
Ant.1			
Frequency (MHz)	2400	2450	2500
Peak Gain (dBi)	2.9	3.5	3.2
Efficiency (%)	65	67	61

Ant.1 2.4GHz Radiation Pattern

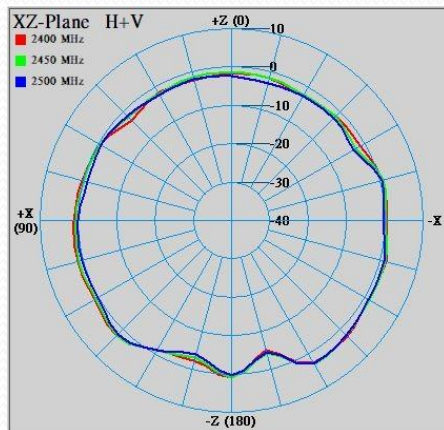
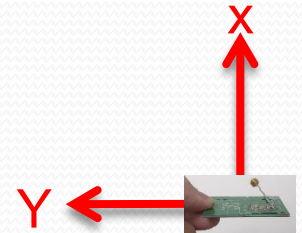
LYNwave



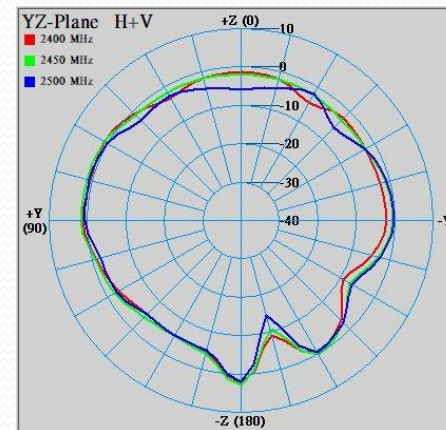
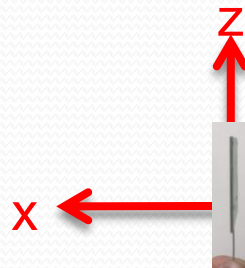
3D



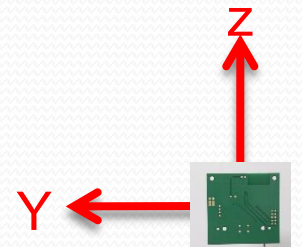
X-Y



Z-X



Z-Y



- Antenna Characteristics:
 - Return loss < -10dB in operating band
 - Gain:
 - 2.4GHz band : 2.9~3.5 dBi
 - Efficiency:
 - 2.4GHz band > 60%