

Dipole
Antenna Test Report
ALX19X-221050-00

A. Antenna Testing Conditions

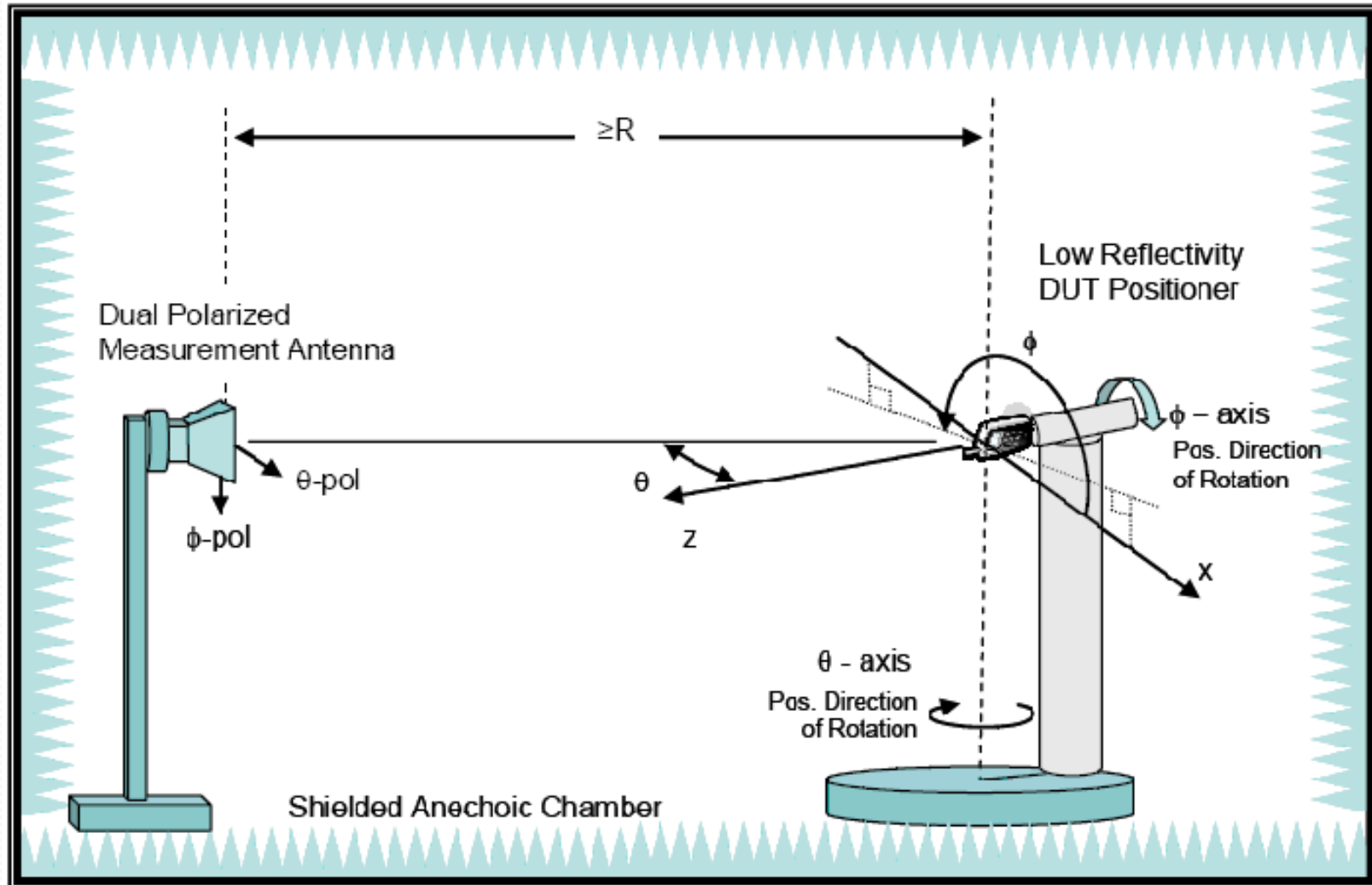
1. Test System
2. Antenna Under Test
3. Antenna Placement

B. Antenna RF Characteristics

1. S-Parameter & VSWR & Smith Chart
2. Gain Table
3. 3D Radiation / 2D Pattern

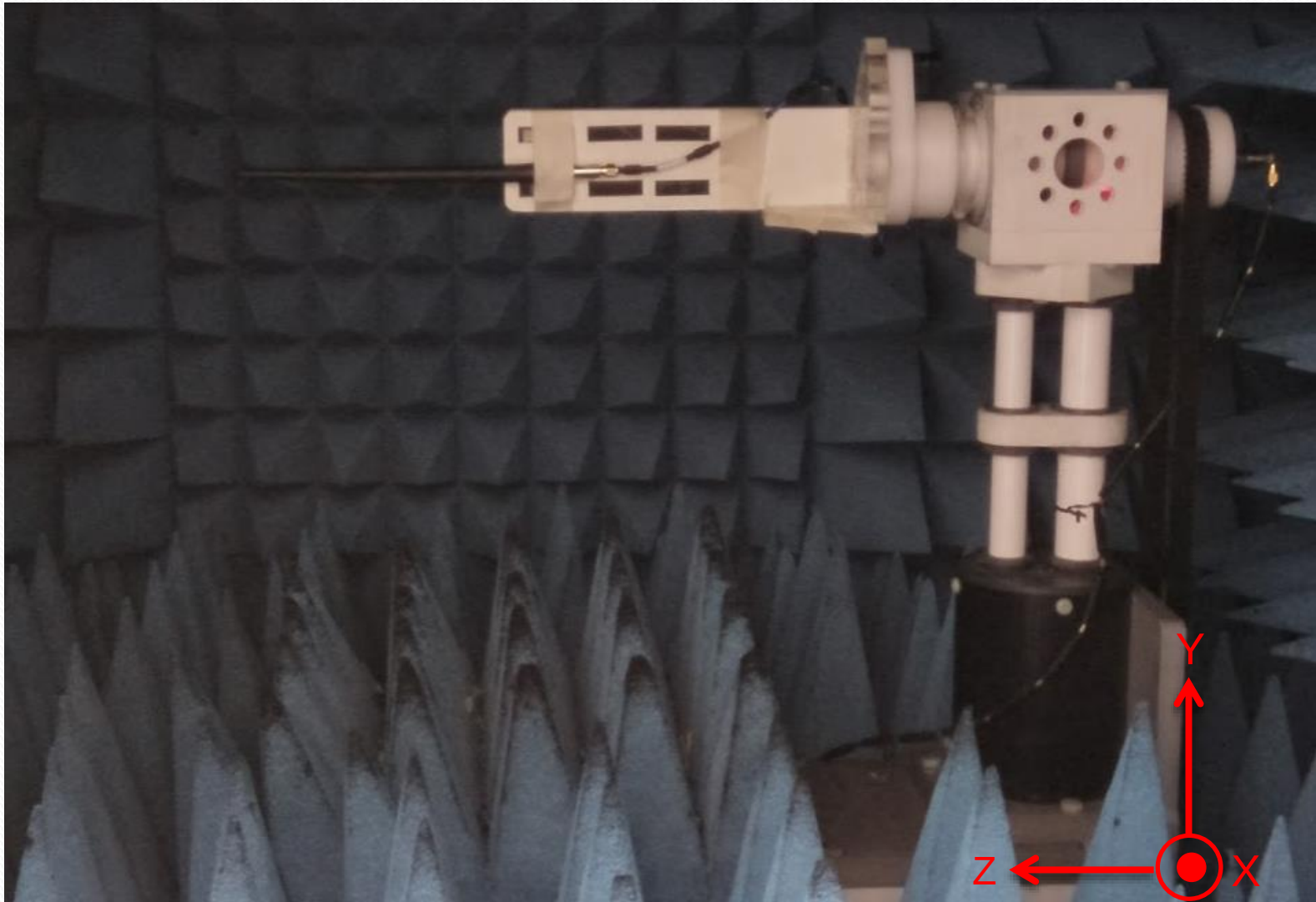
Antenna Test System

LYNwave



Antenna Under Test

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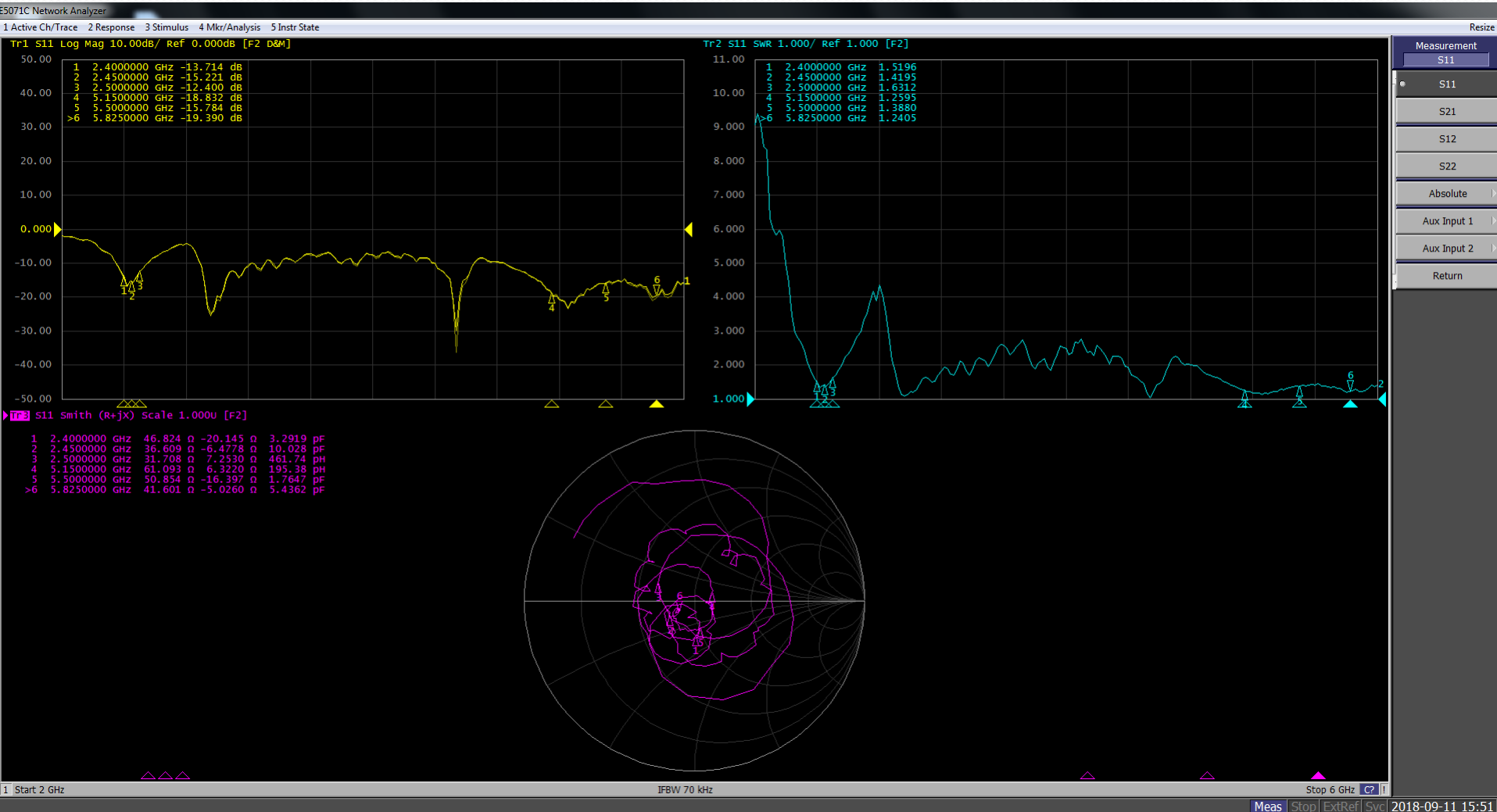
Antenna Placement

LYNwave



S-Parameter & VSWR & Smith Chart

LYNwave



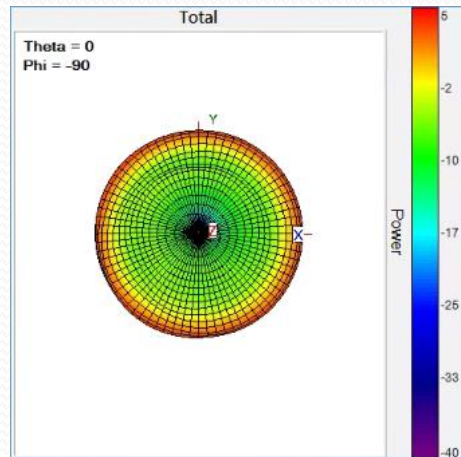
Gain Table

LYNwave

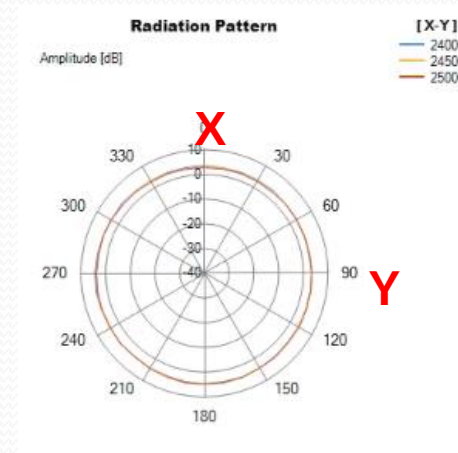
Ant.1						
Frequency (MHz)	2400	2450	2500	5150	5500	5825
Peak Gain(dBi)	4.7	4.9	4.8	4.8	5.4	4.7
Efficiency(%)	81	84	82	74	87	74

Ant.1 2.4G Radiation Pattern

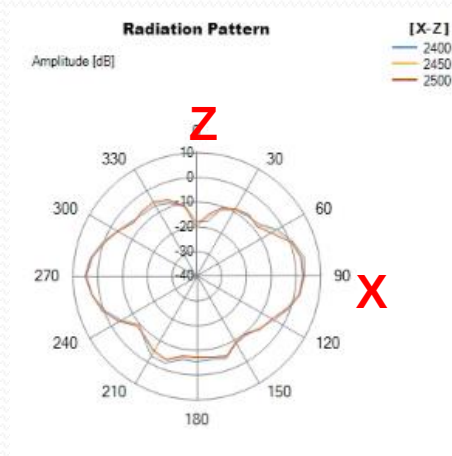
LYNwave



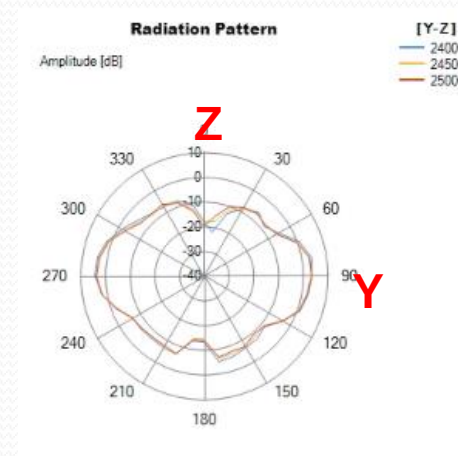
3D



X-Y



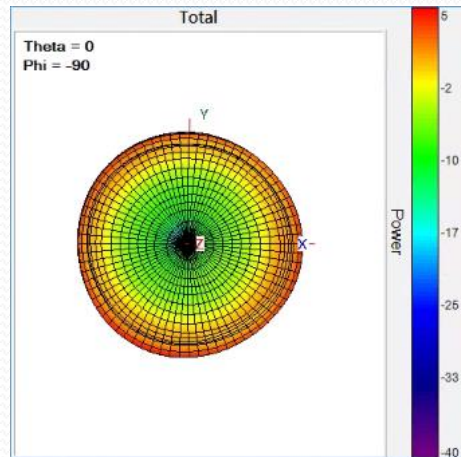
Z-X



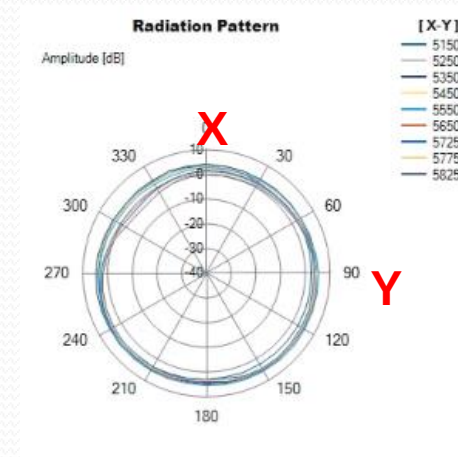
Z-Y

Ant.1 5G Radiation Pattern

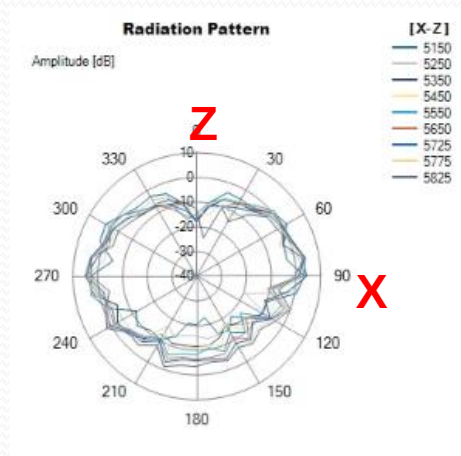
LYNwave



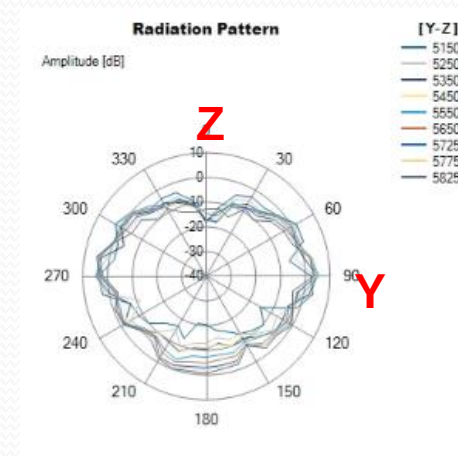
3D



X-Y



Z-X



Z-Y