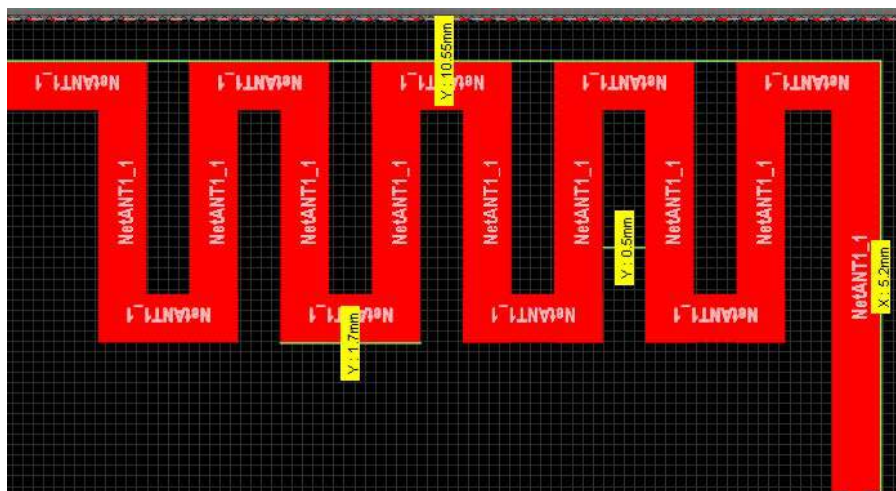
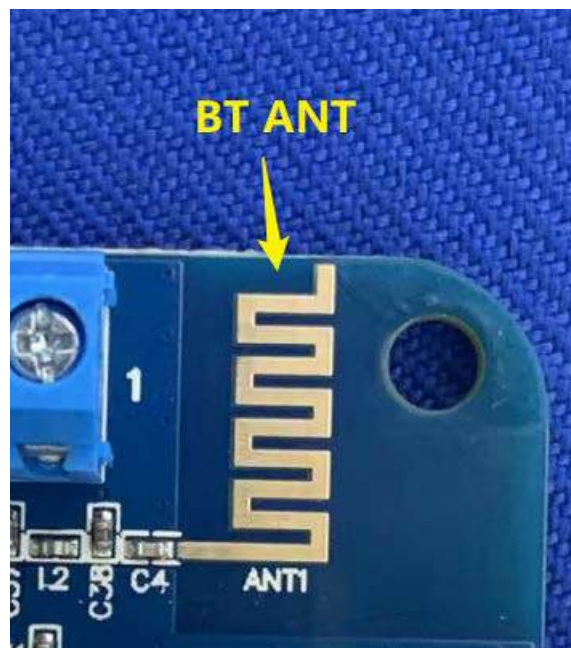


1 General Information

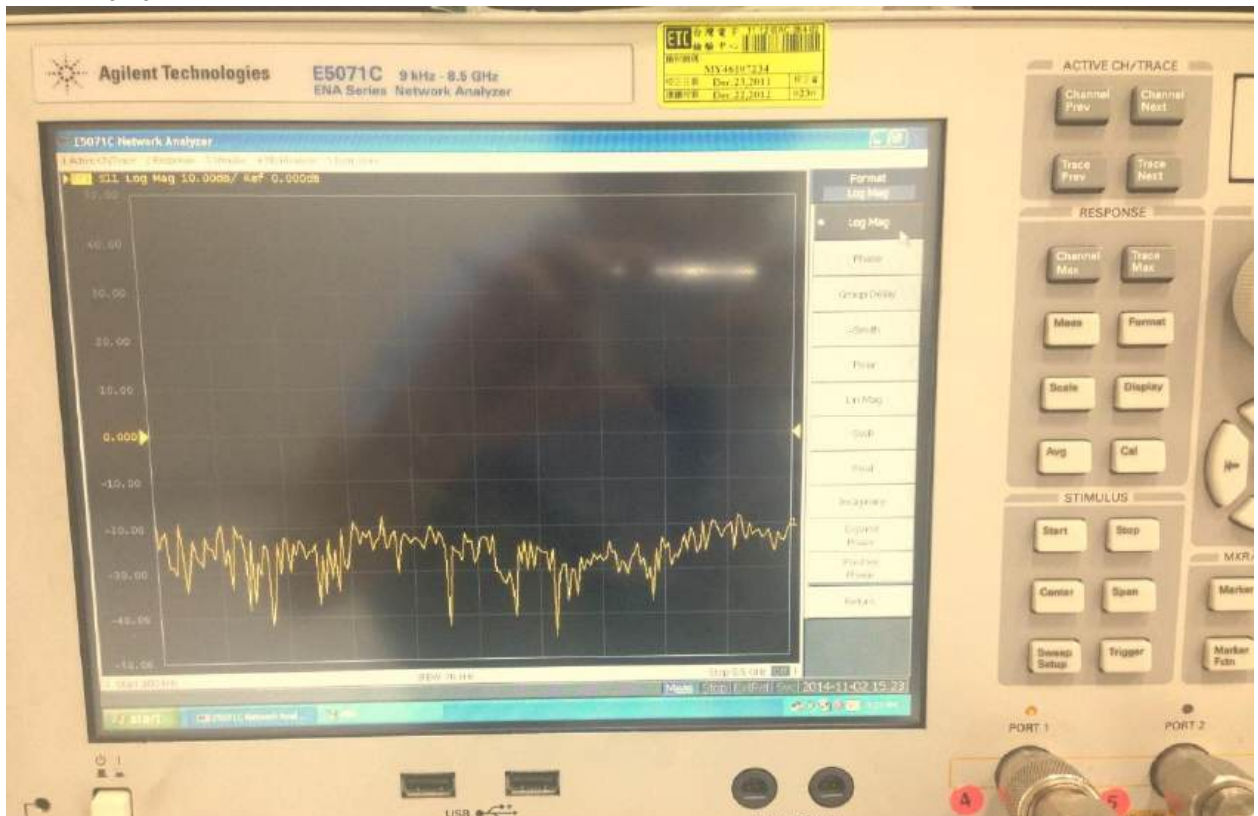
1.1 Description of Device Under Test (DUT)

Product Feature & Specification	
Brand Name	ZEROPLUS
Model Name	RDA5875Y
Frequency	2402MHz~2480MHz

1.2 Product Photo



1.3 Equipment Photo



2 Summary of Test Result

2.1 Ambient Condition

Temperature(°C)	22.4°C	Humidity(°C)	54%
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Test / Position	Gain / Free Space		
Frequency	2400	2450	2500
Ant. Port Input Pwr. (dBm)	0	0	0
Tot. Rad. Pwr. (dBm)	-11.8149	-11.5297	-11.8761
Peak EIRP (dBm)	-7.36321	-6.72032	-6.81552
Directivity (dBi)	4.45166	4.80941	5.06058
Efficiency (dB)	-11.8149	-11.5297	-11.8761
Efficiency (%)	6.58435	7.03117	6.49218
Gain (dBi)	-7.36321	-6.72032	-6.81552
NHPRP $\pm\pi/4$ (dBm)	-13.4689	-13.3	-13.7452
NHPRP $\pm\pi/6$ (dBm)	-14.8995	-14.8444	-15.4325
Average Gain (dB)	-11.8149	-11.5297	-11.8761

Test result RDA5875Y

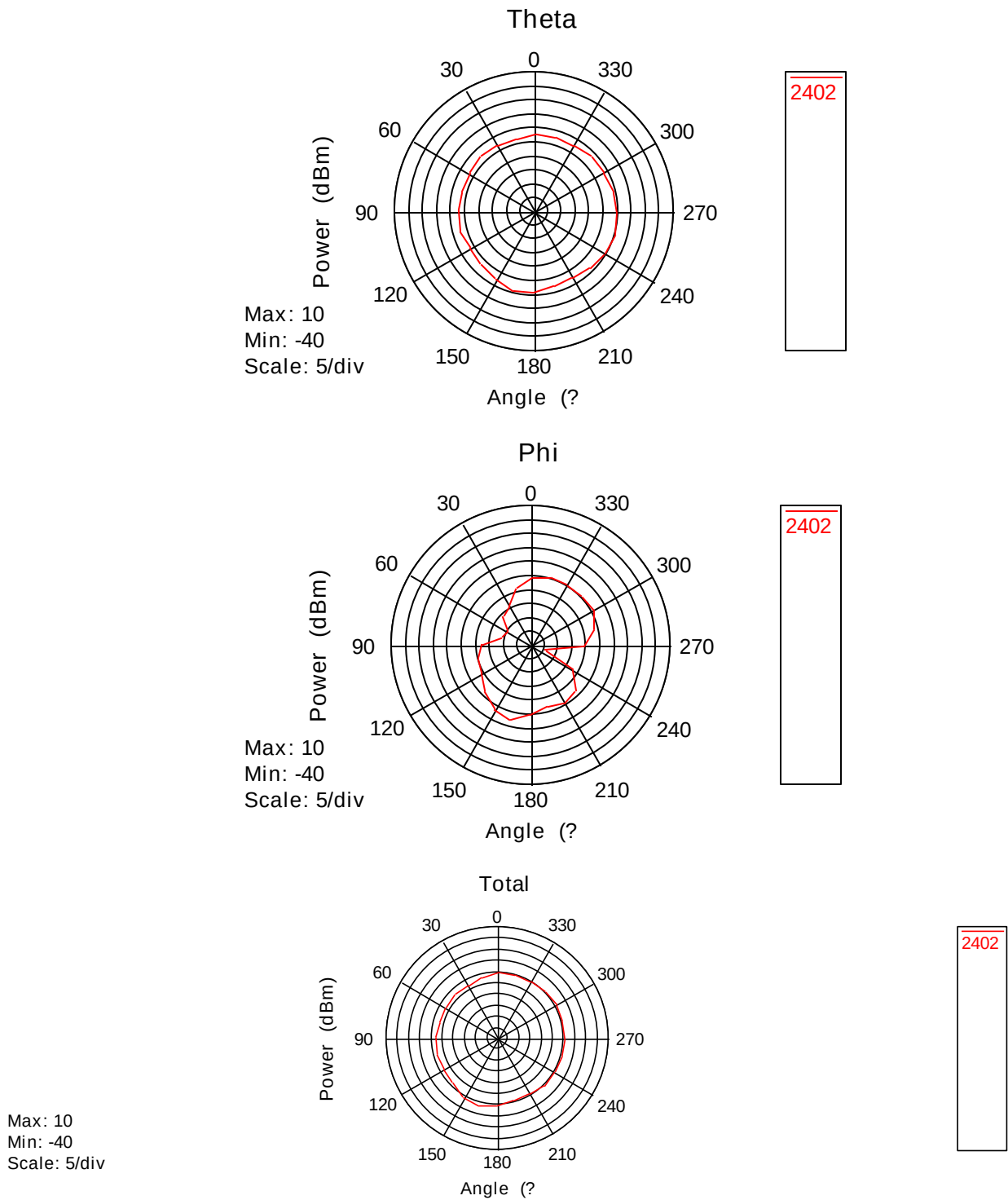
3 Description for DUT Testing Position



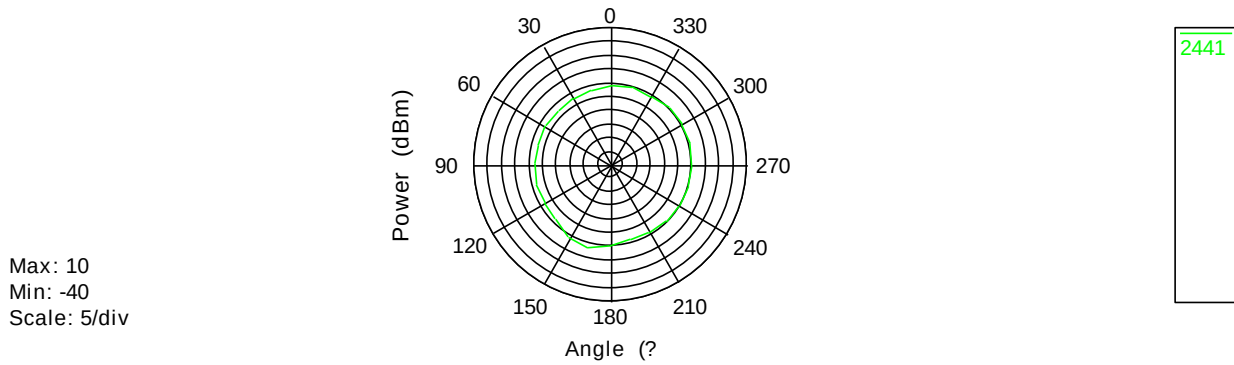
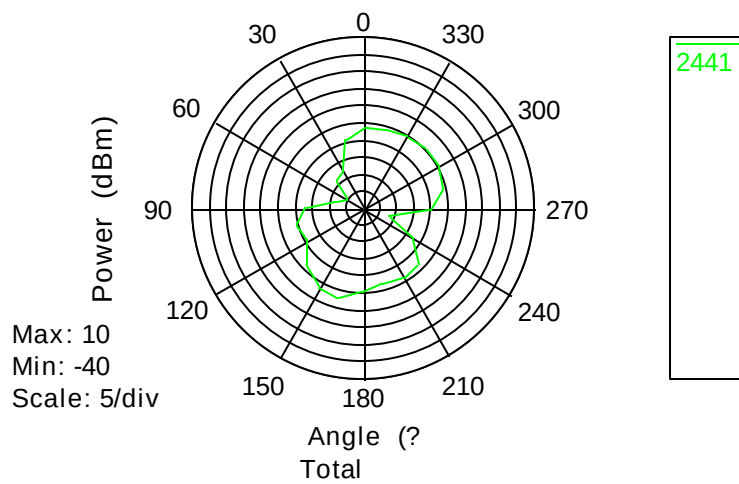
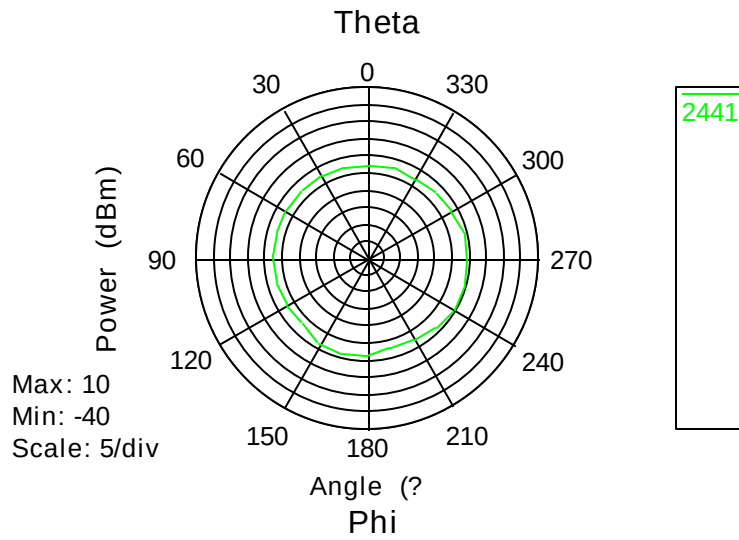
Test Position Free Space –Setup

4 2D Test Plotting

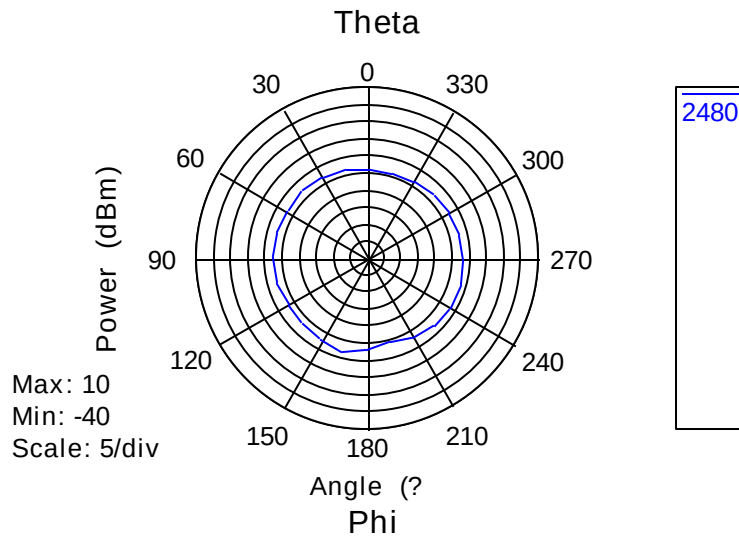
The test plotting was shown as below



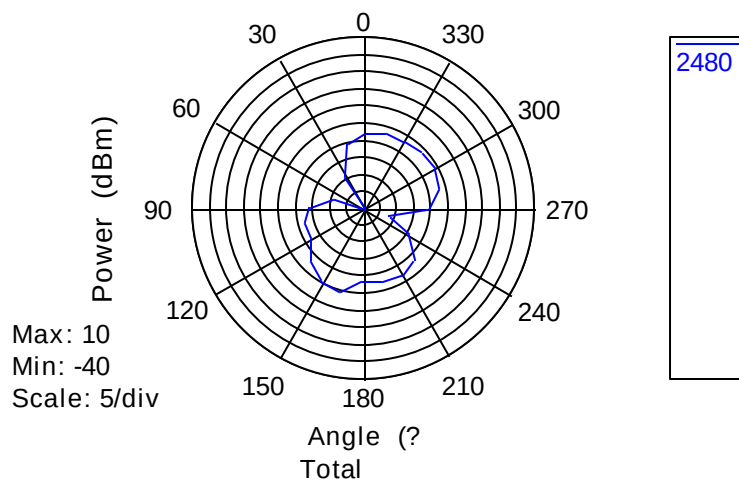
2D(X-Y Plane) RDA5875Y Antenna Gain Free Space-2402MHz



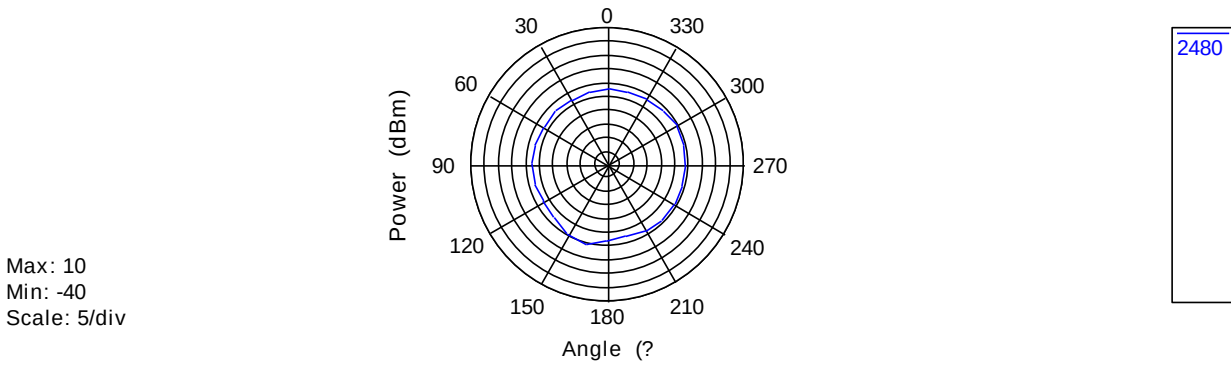
2D(X-Y Plane) RDA5875Y Antenna Gain Free Space-2441MHz



2480

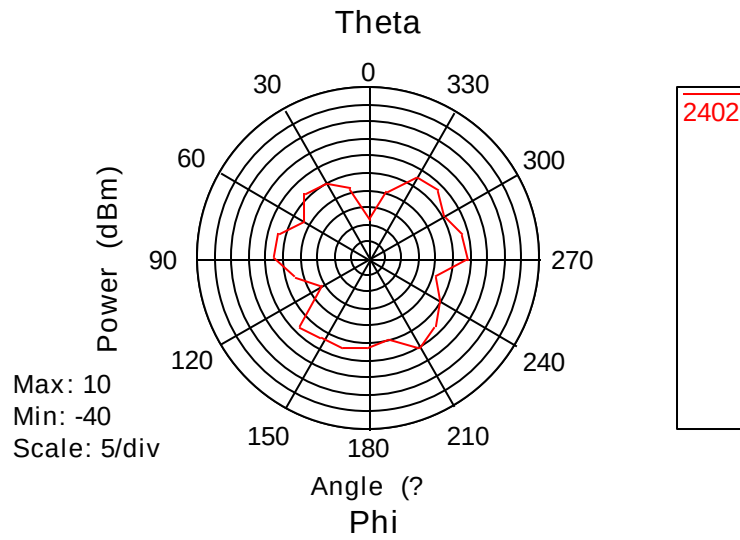


2480

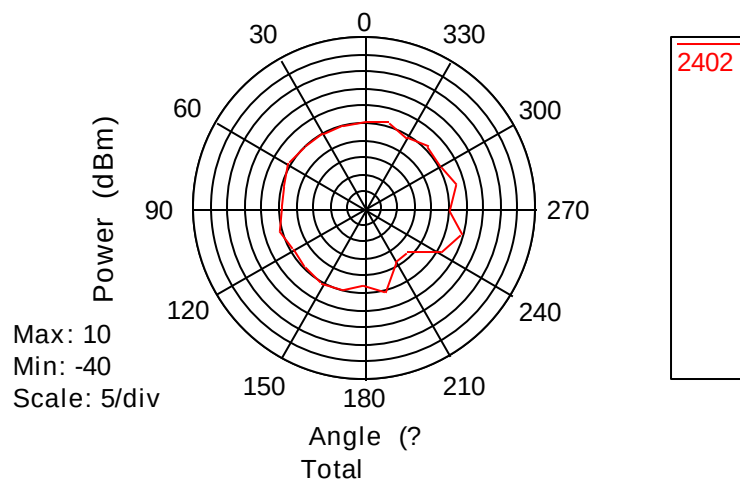


2480

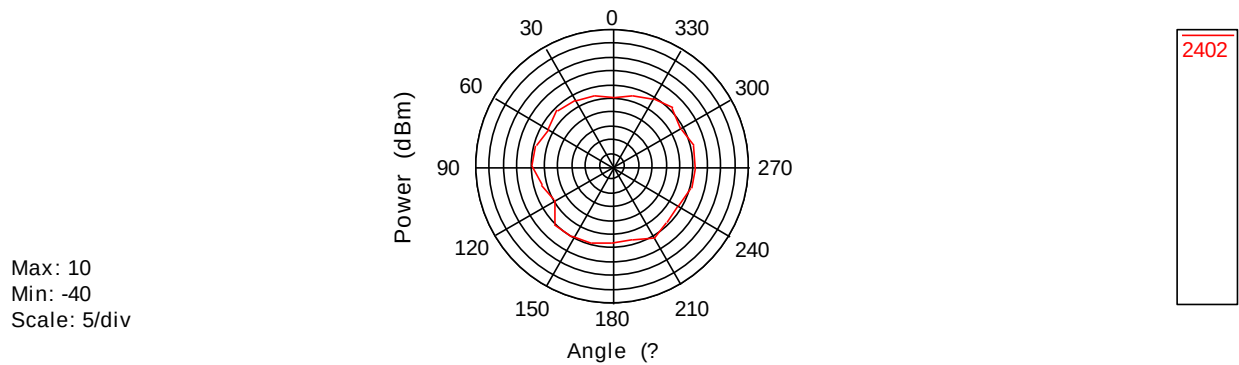
2D(X-Y Plane) RDA5875Y Antenna Gain Free Space-2480MHz



2402

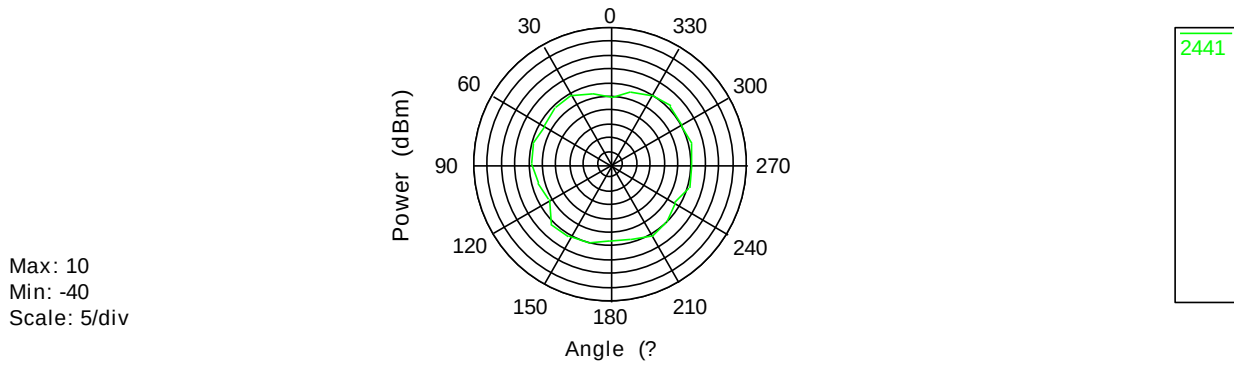
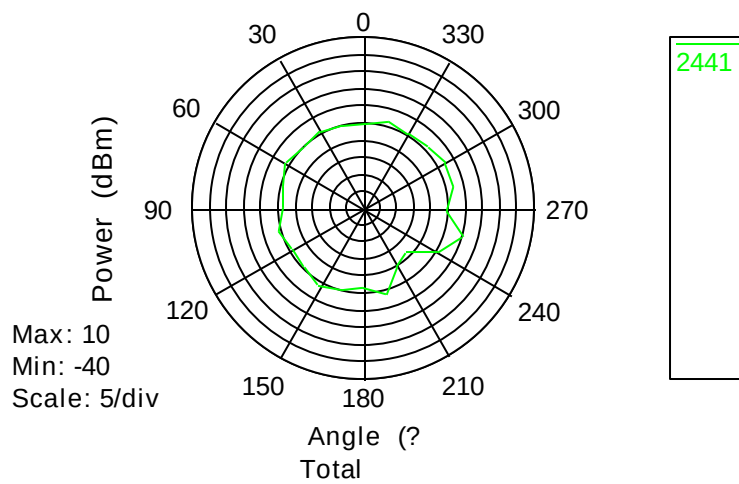
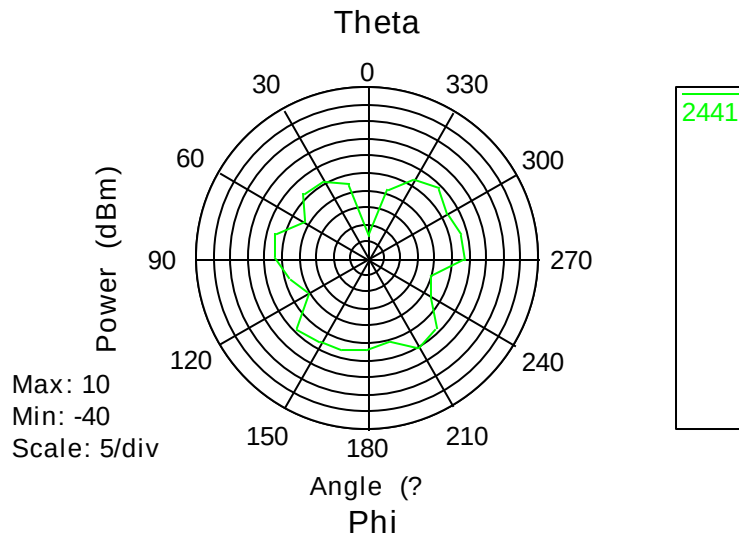


2402

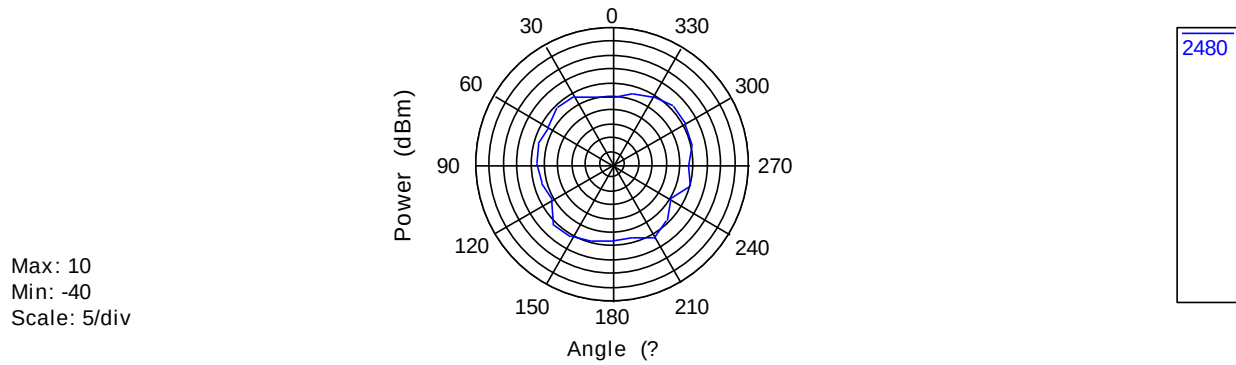
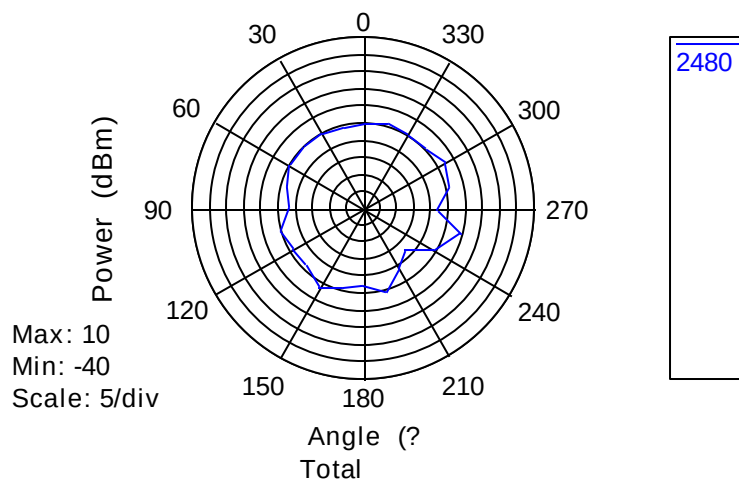
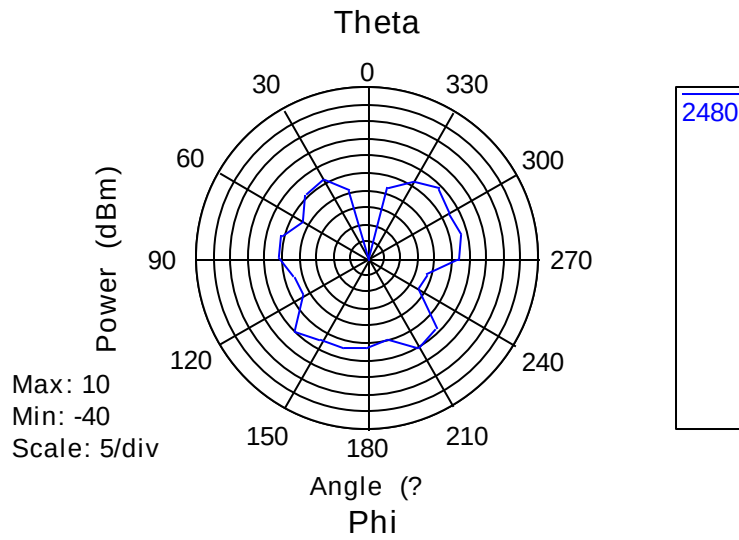


2402

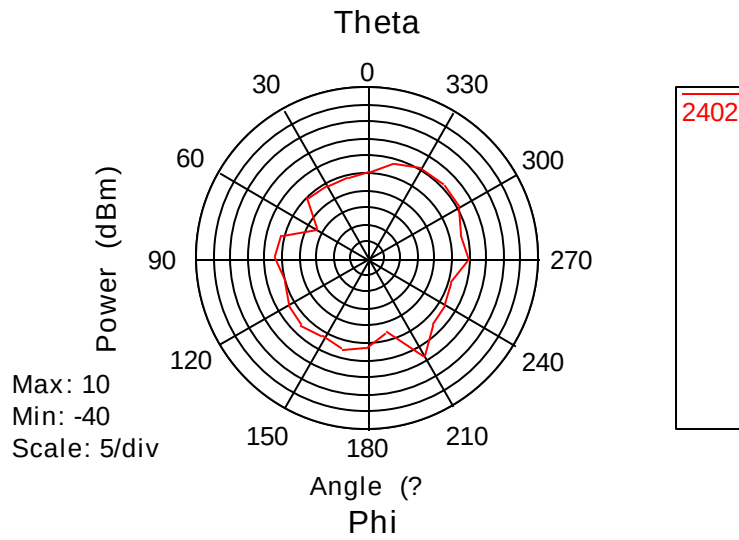
2D(X-Z Plane) RDA5875Y Antenna Gain Free Space-2402MHz



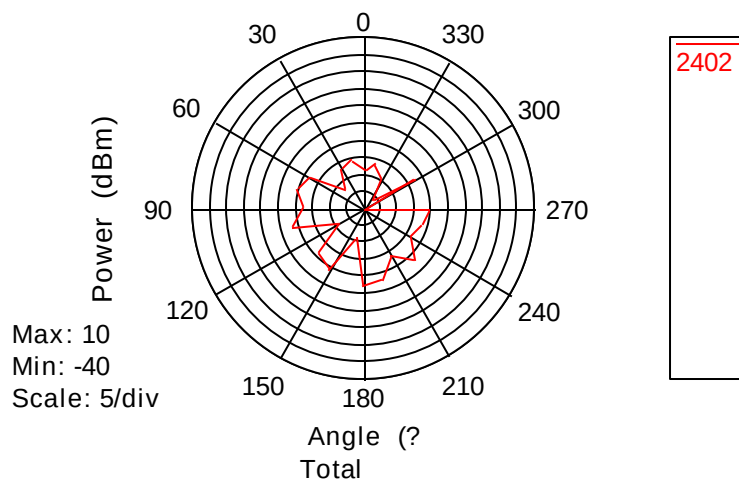
2D(X-Z Plane) RDA5875Y Antenna Gain Free Space-2441MHz



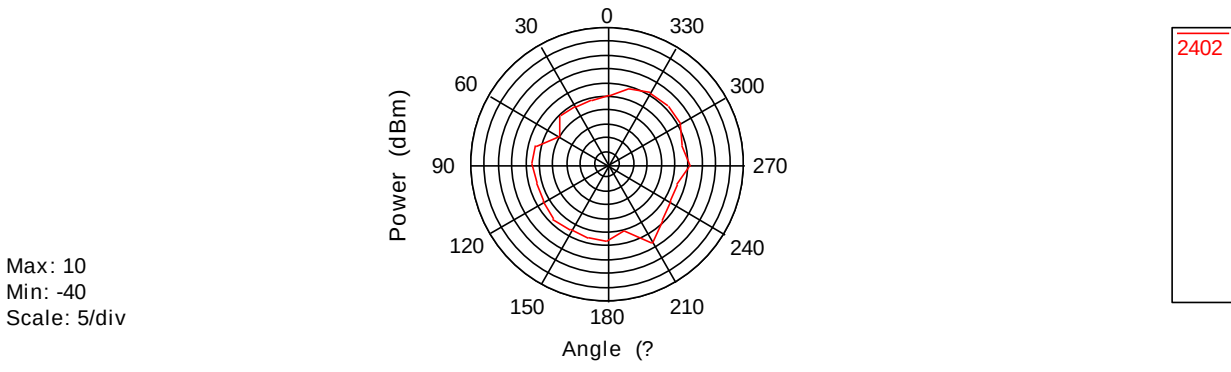
2D(X-Z Plane) RDA5875Y Antenna Gain Free Space-2480MHz



2402

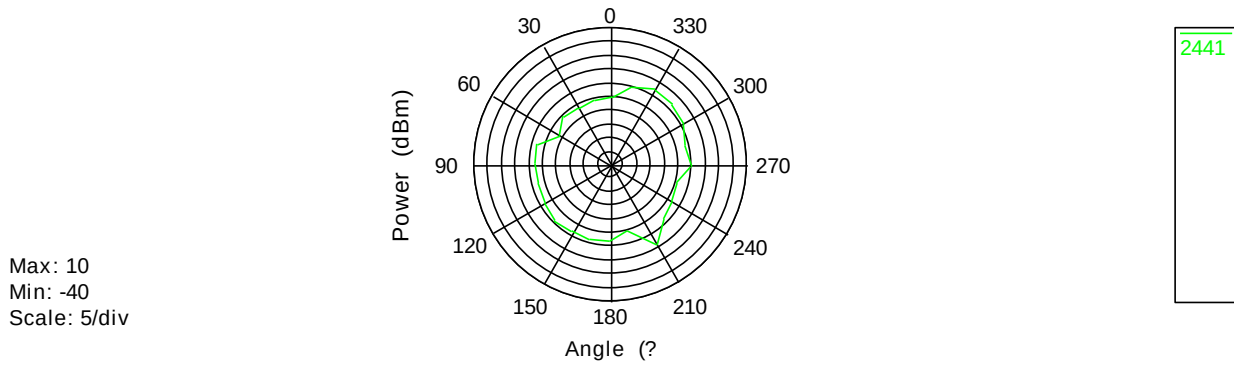
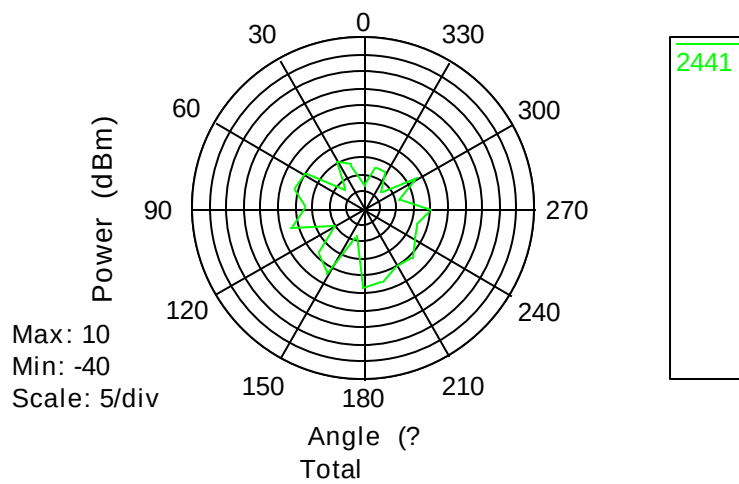
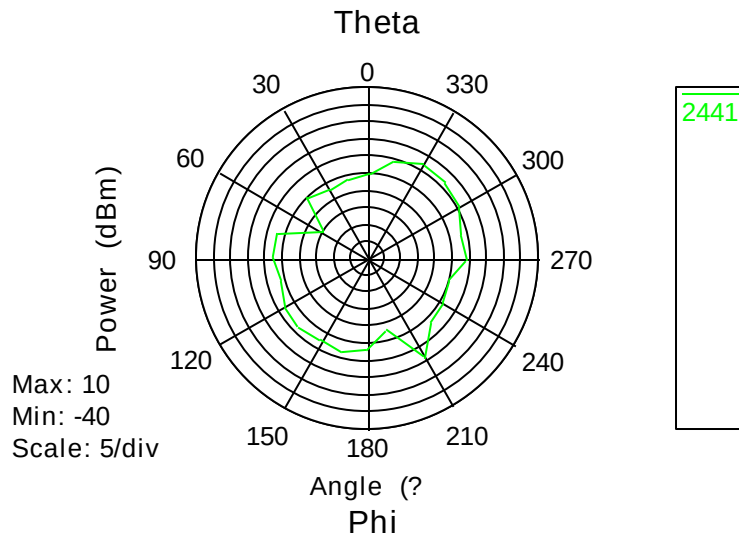


2402

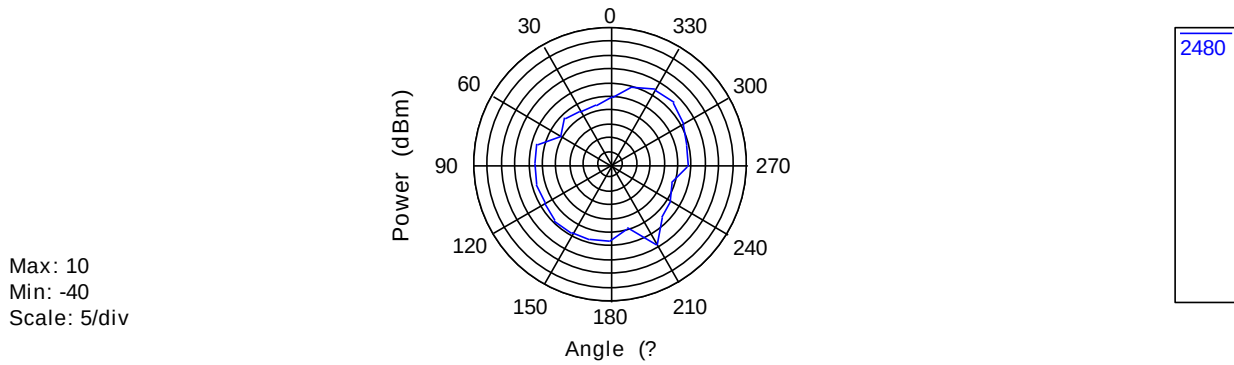
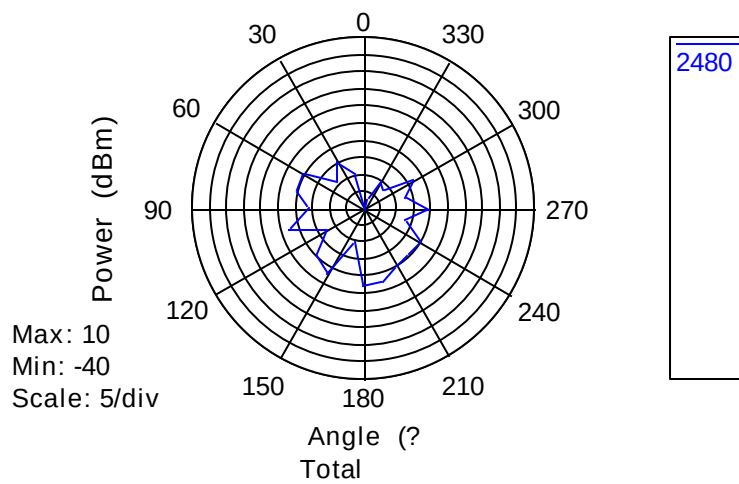
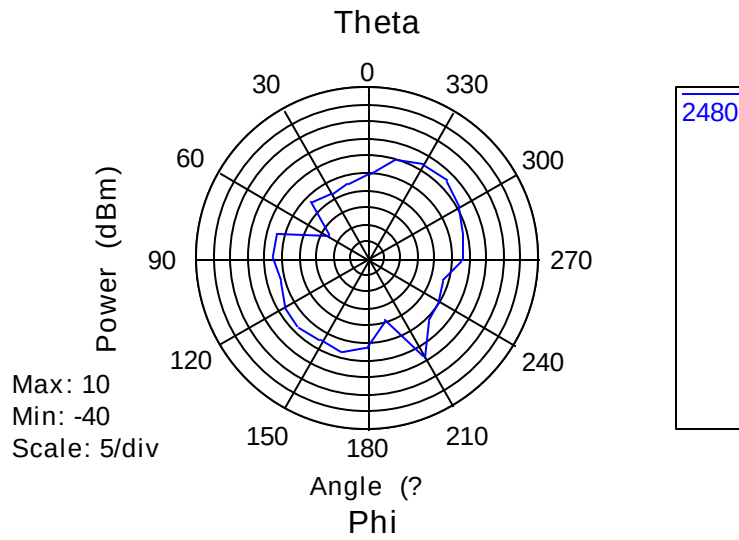


2402

2D(Y-Z Plane) RDA5875Y Antenna Gain Free Space-2402MHz



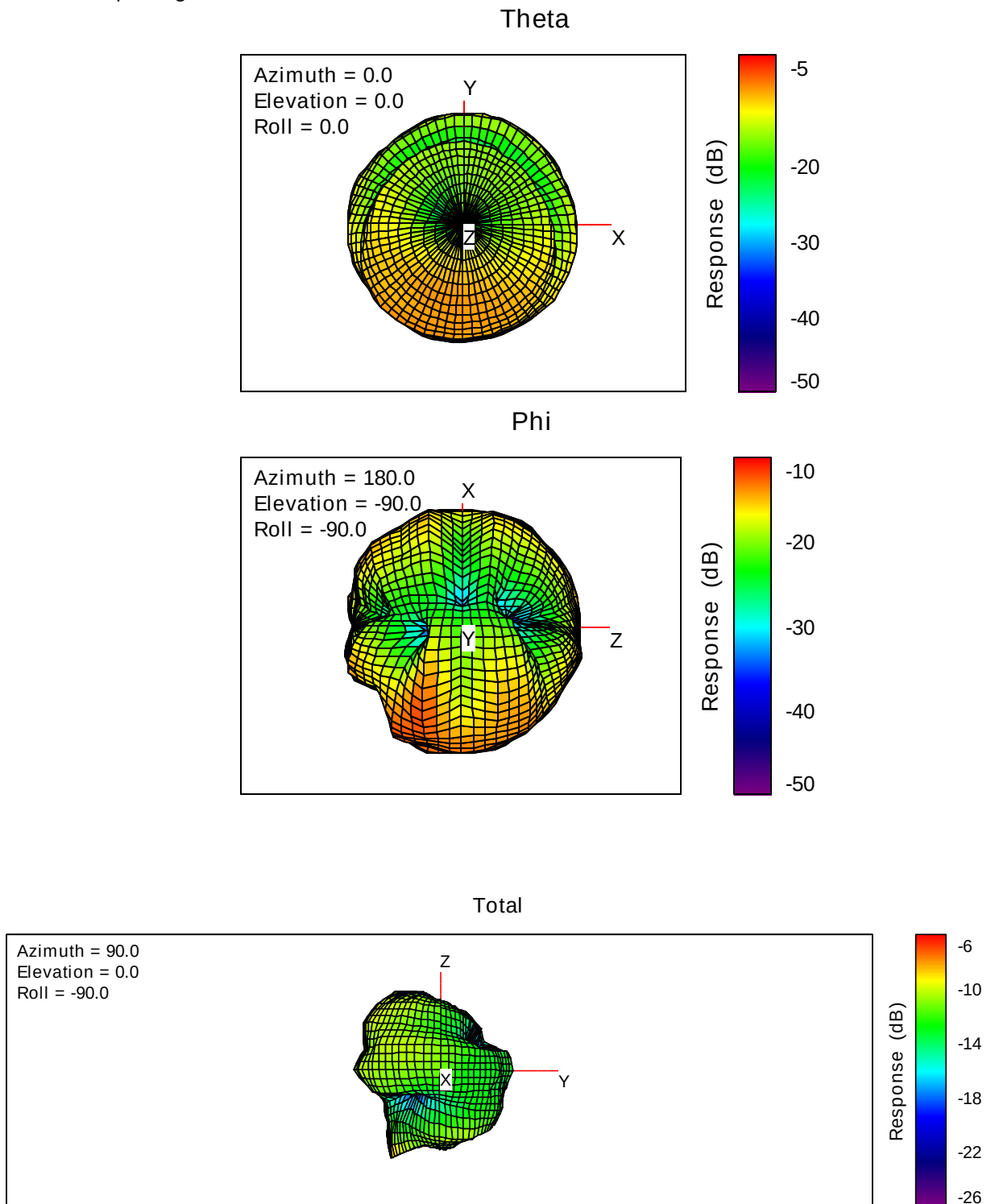
2D(Y-Z Plane) RDA5875Y Antenna Gain Free Space-2441MHz



2D(Y-Z Plane) RDA5875Y Antenna Gain Free Space-2480MHz

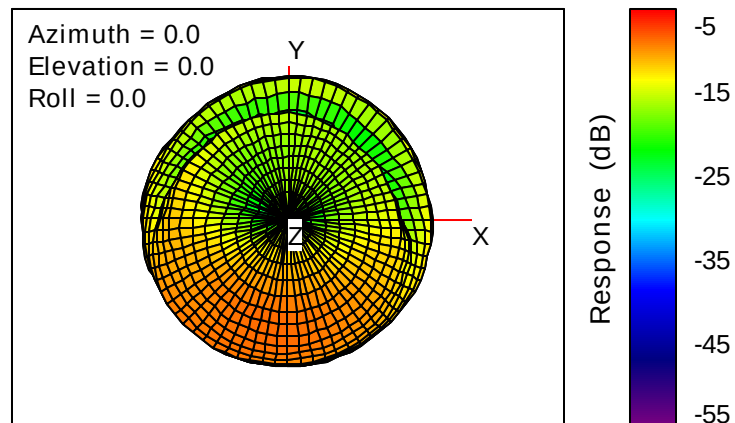
5 3D TEST PLOTTING

The test poltting was shown as below

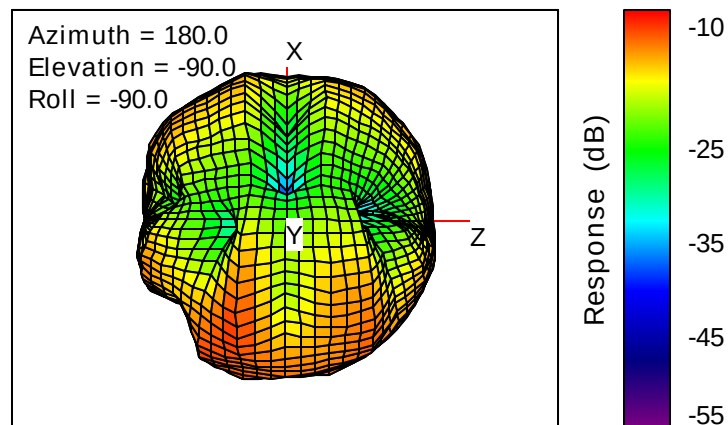


3D RDA5875Y Antenna Gain Free Space-2402MHz

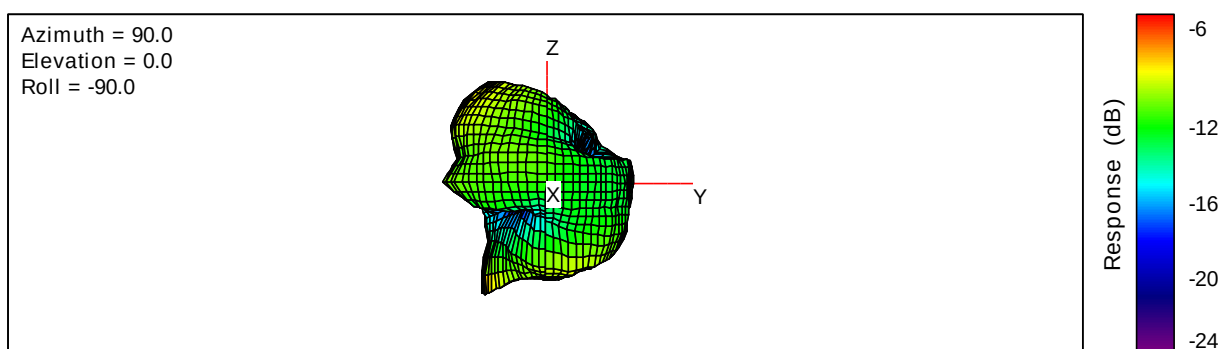
Theta



Phi

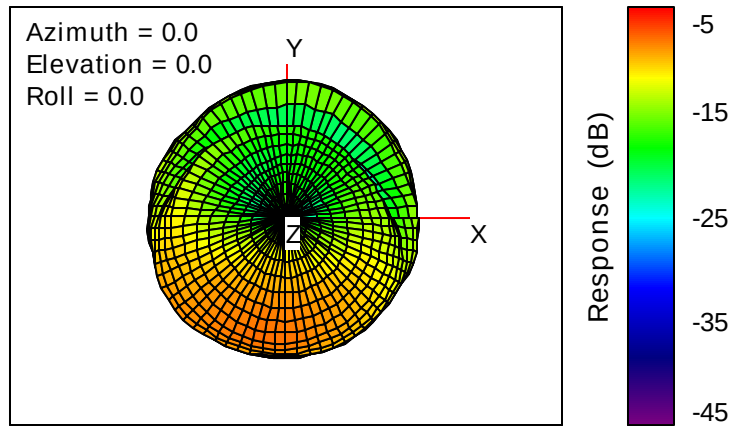


Total

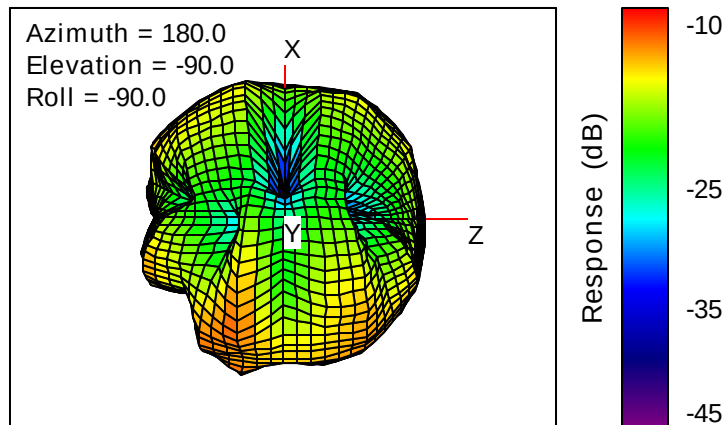


3D RDA5875Y Antenna Gain Free Space-2441MHz

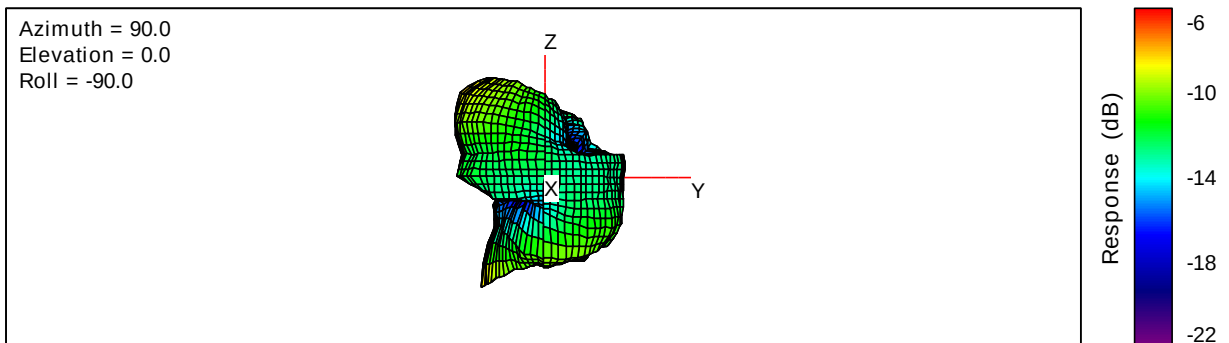
Theta



Phi



Total



3D RDA5875Y Antenna Gain Free Space-2480MHz