

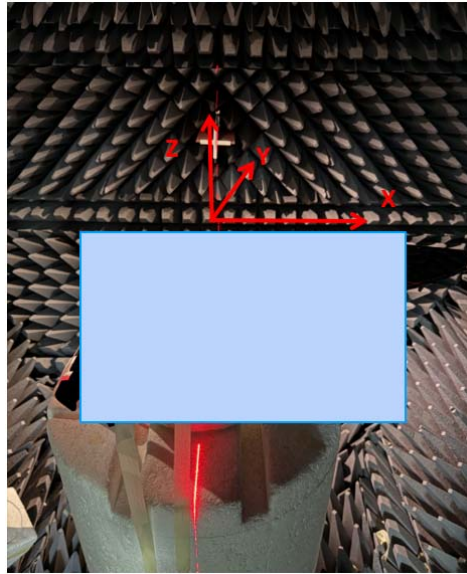
Enabling The
Electronics Revolution



Amphenol

B Pillar Antenna Test Report

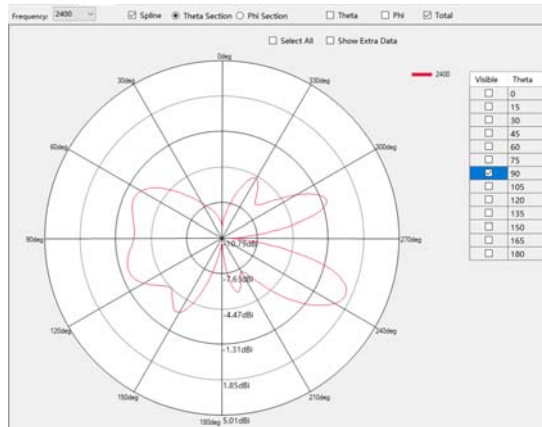
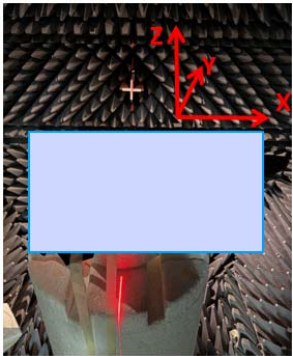
Test Setup



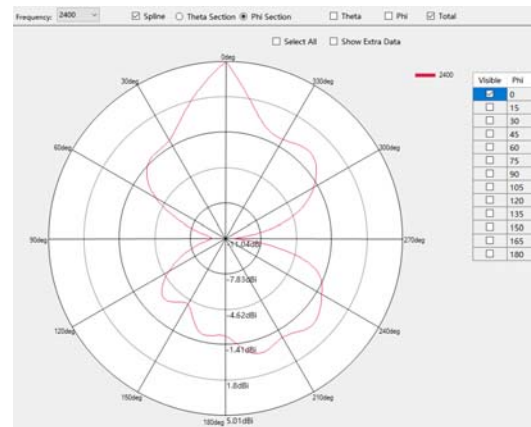
Efficiency & Gain---BLE

Freq (MHz)	Gain (dBi)
2400	5.0
2420	5.1
2440	5.3
2460	5.4
2480	5.3
2500	5.1
2520	4.9
2540	4.6
2560	4.4
2580	4.2
2600	3.9

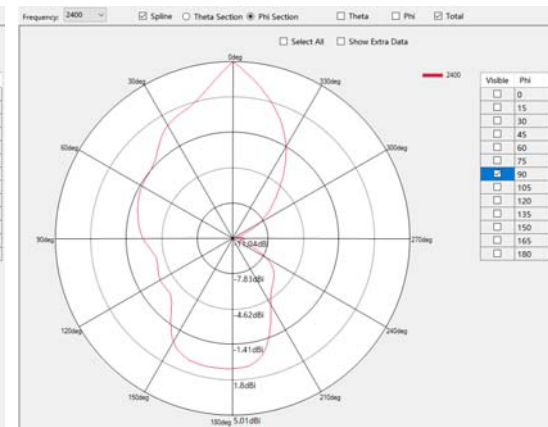
2D Radiation Pattern---BLE



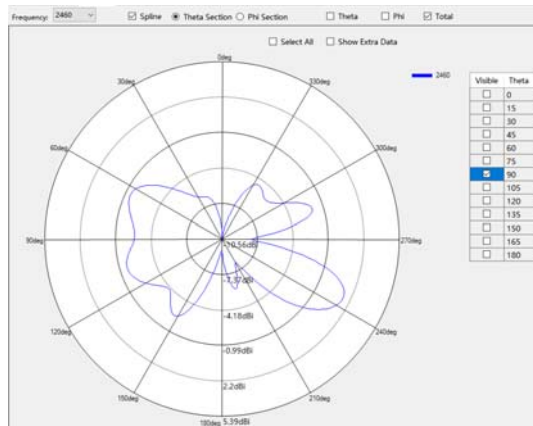
2400MHz XY plot



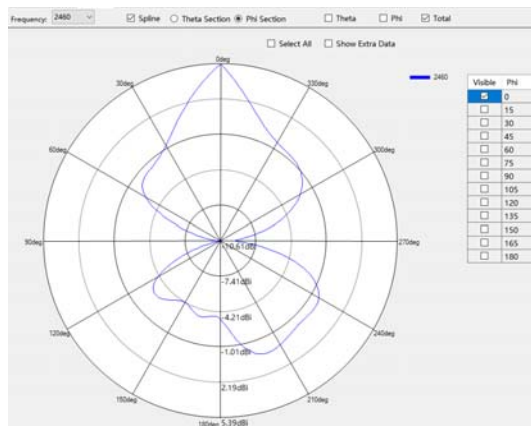
2400MHz XZ plot



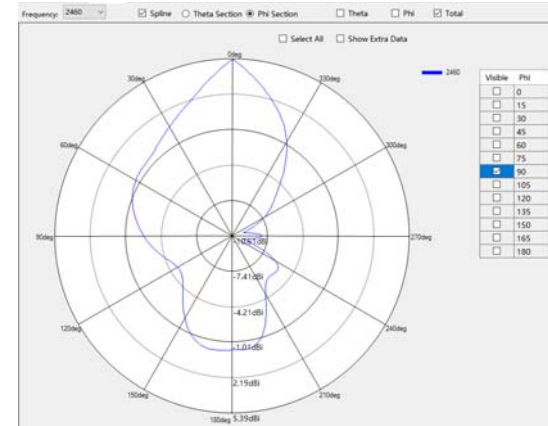
2400MHz YZ plot



2460MHz XY plot

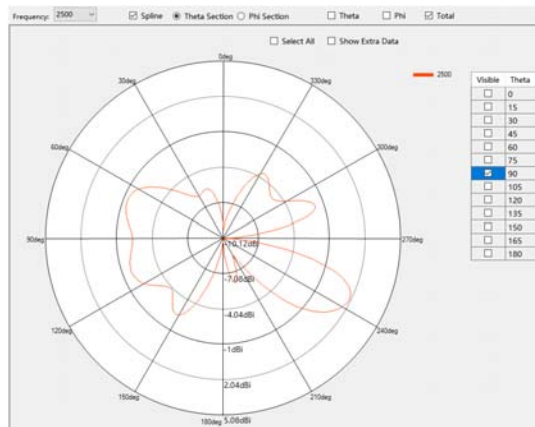
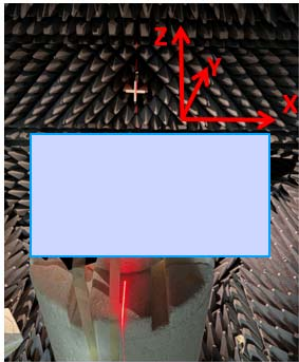


2460MHz XZ plot

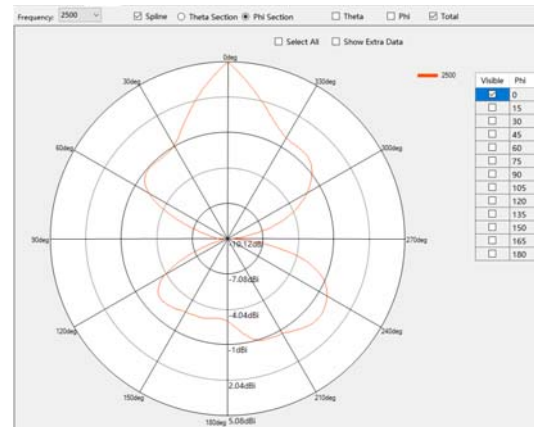


2460MHz YZ plot

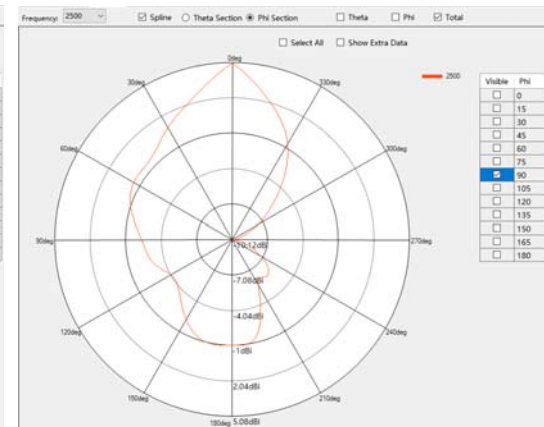
2D Radiation Pattern---BLE



2500MHz XY plot

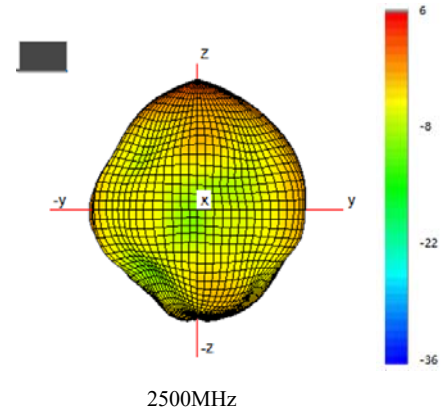
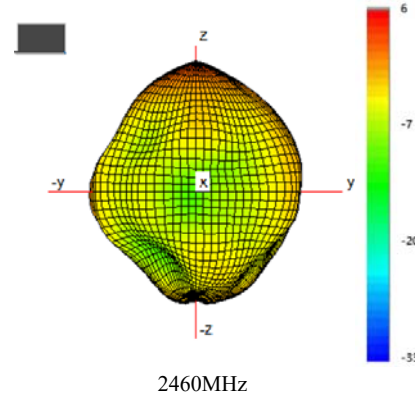
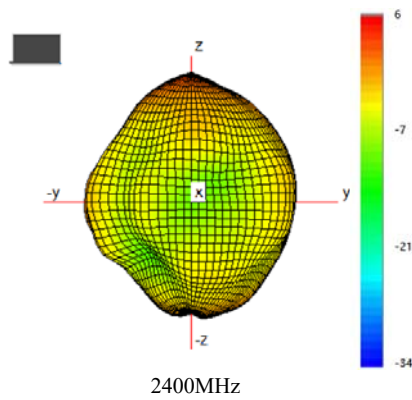
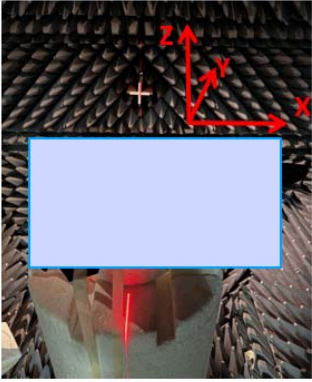


2500MHz XZ plot



2500MHz YZ plot

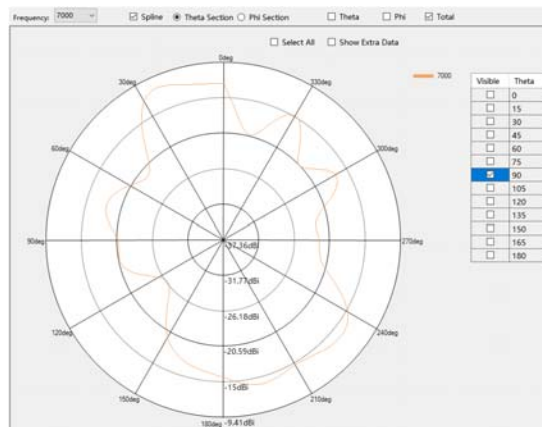
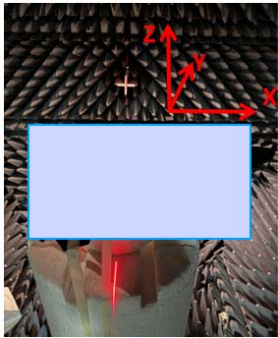
3D Radiation Pattern---BLE



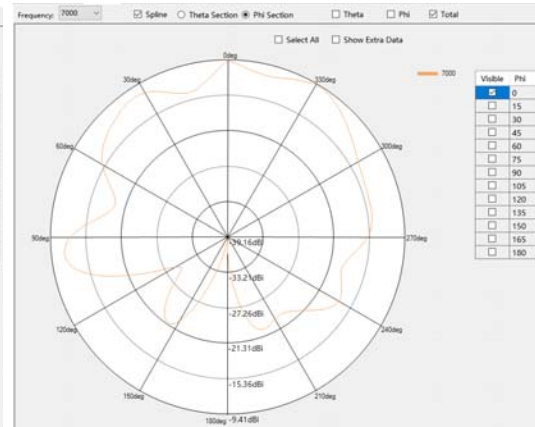
Efficiency & Gain---UWB

Freq(MHz)	Gain(dBi)
7000	-9.4
7050	-8.7
7100	-7.3
7150	-5.8
7200	-4.7
7250	-3.4
7300	-2.3
7350	-1.3
7400	-0.9
7450	-0.4
7500	0.0
7550	-0.2
7600	-0.2
7650	-0.4
7700	-0.5
7750	-0.5
7800	-0.7
7850	-0.8
7900	-0.9
7950	-0.5
8000	-0.4
8050	-0.6
8100	-0.3
8150	0.2
8200	0.9
8250	1.1
8300	1.0
8350	1.0
8400	0.6
8450	0.1
8500	-0.4

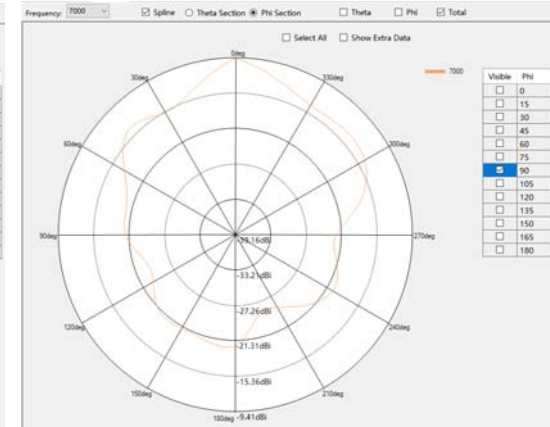
2D Radiation Pattern---UWB



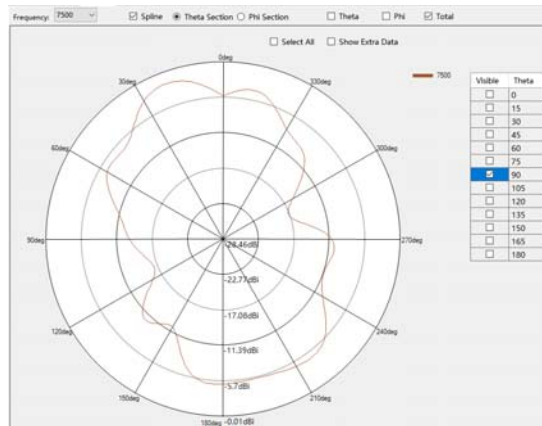
7000MHz XY plot



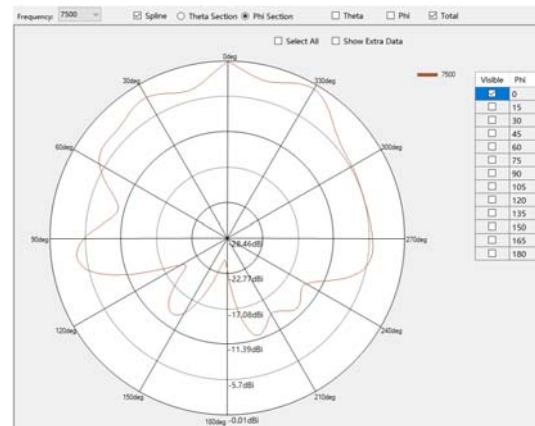
7000MHz XZ plot



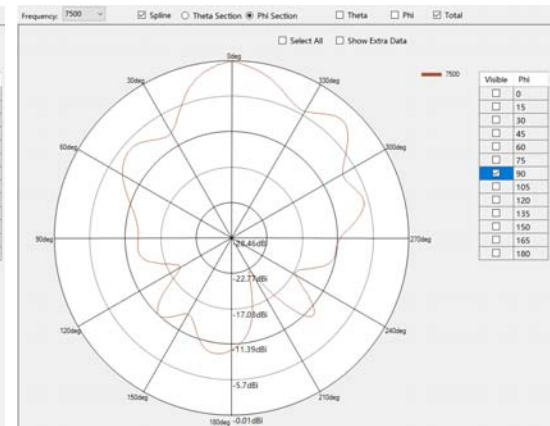
7000MHz YZ plot



7500MHz XY plot

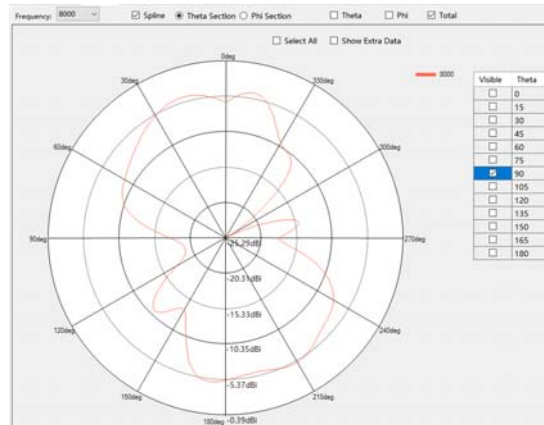
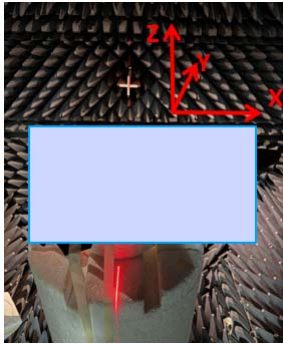


7500MHz XZ plot

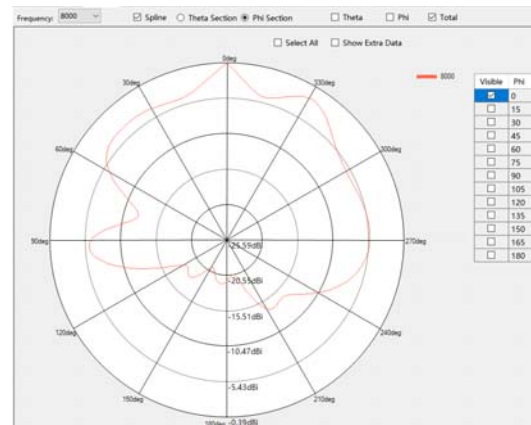


7500MHz YZ plot

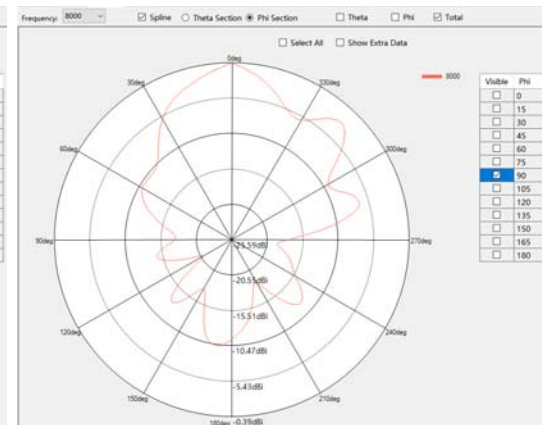
2D Radiation Pattern---UWB



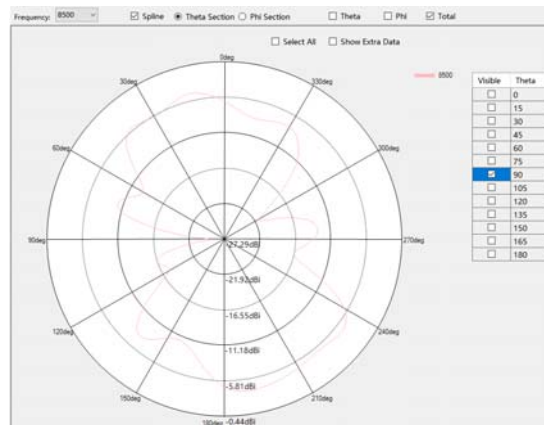
8000MHz XY plot



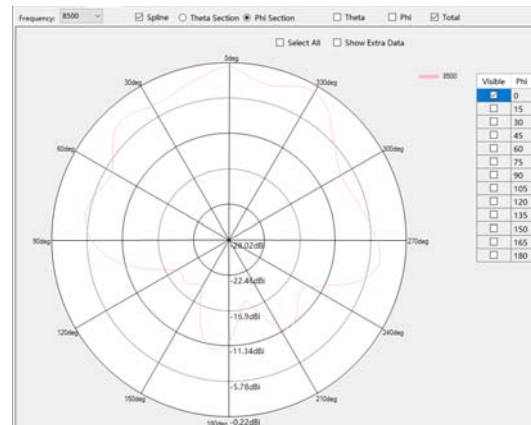
8000MHz XZ plot



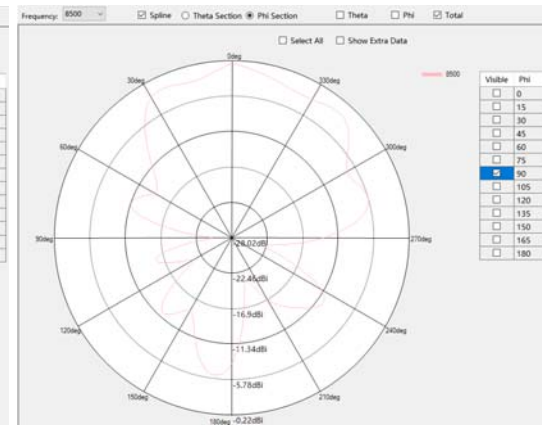
8000MHz YZ plot



8500MHz XY plot



8500MHz XZ plot



8500MHz YZ plot

3D Radiation Pattern---UWB

