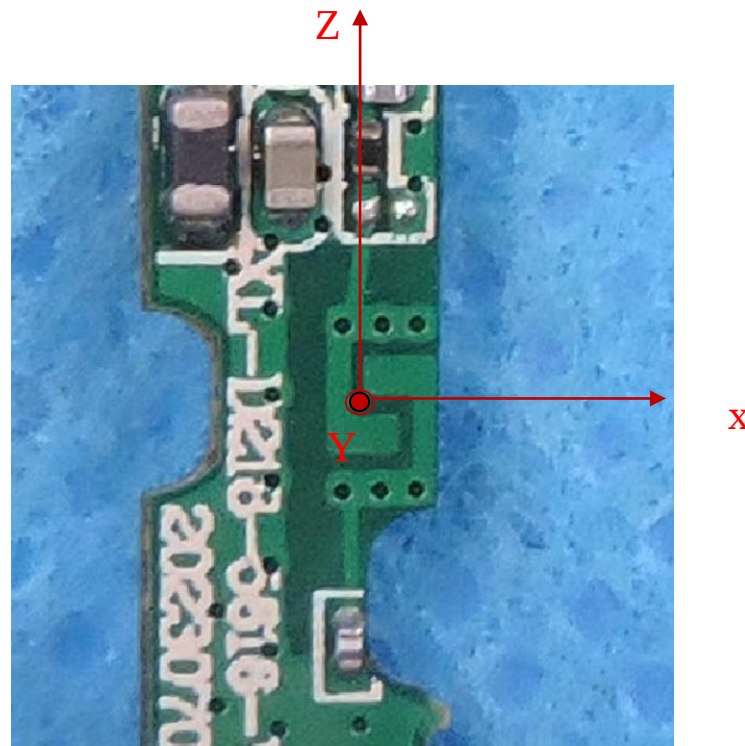


Report for CY-T2

Tested Products.

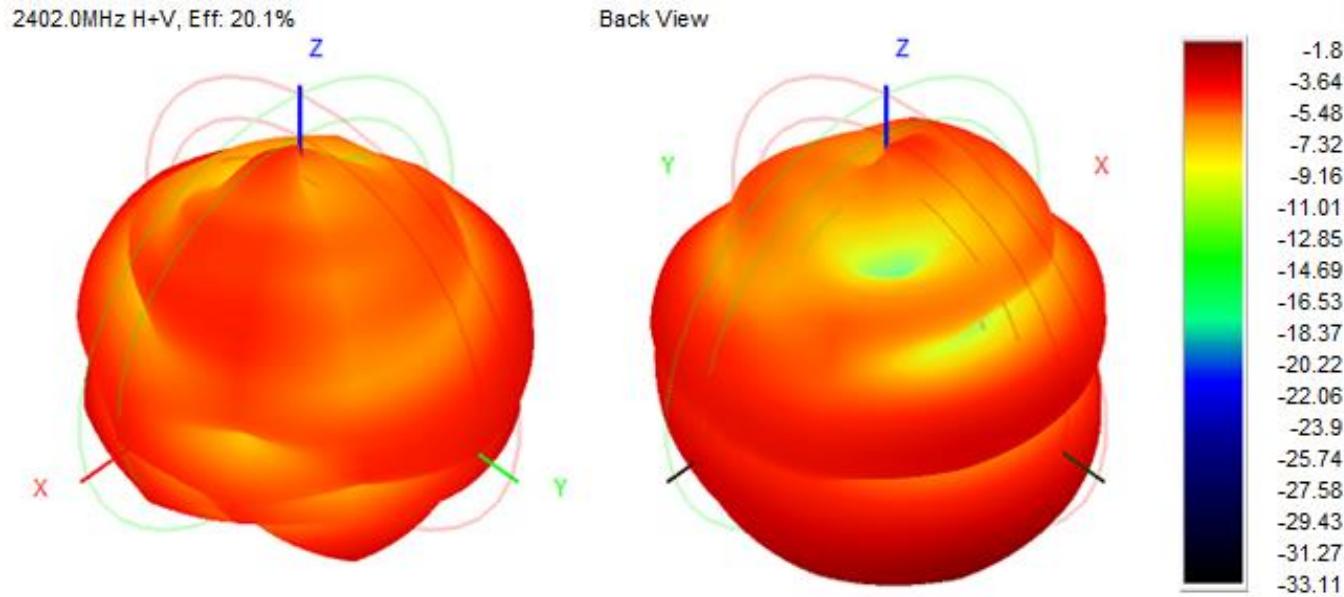
- Antenna 1: PCB antenna.
 - Frequency =2402MHz
 - Frequency =2404MHz
 - Frequency =2440MHz
 - Frequency =2441MHz
 - Frequency =2472MHz
 - Frequency =2480MHz

Coordinate System Reference: Antenna-RX



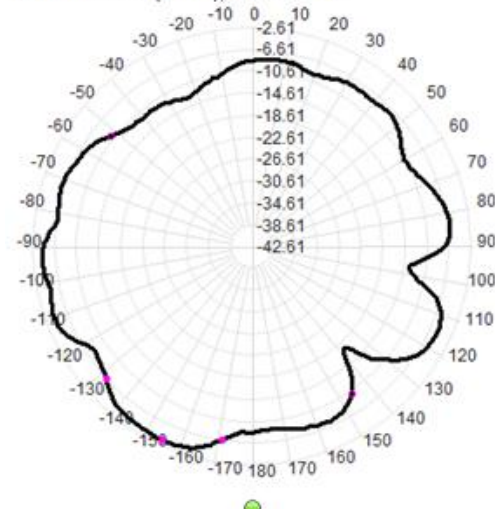
Radiation pattern: Antenna 3D Pattern at $f = 2402\text{MHz}$

Coordinate System Reference: Antenna-RX

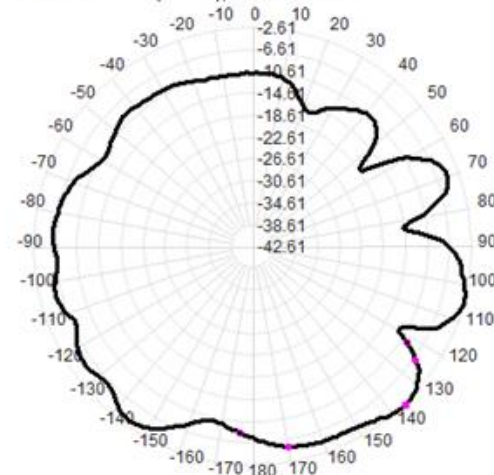


Radiation pattern: Antenna 2D Pattern at $f = 2402\text{MHz}$

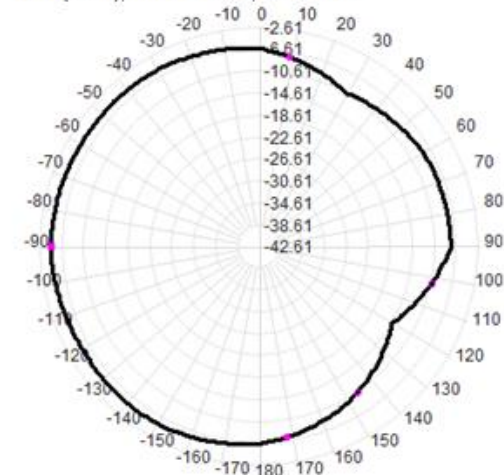
2402.0MHz Total(E1-XZ), Max= -3.74dBi



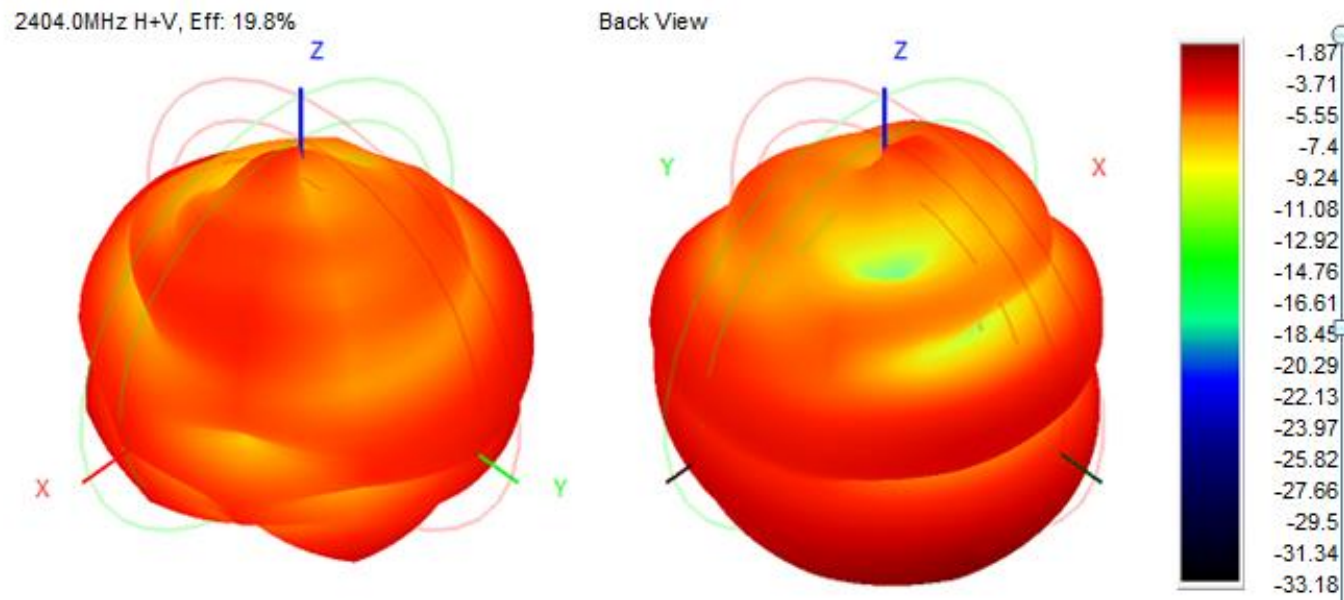
2402.0MHz Total(E2-YZ), Max= -2.61dBi



Total(H-XY), Max= -4.60dBi, CirD=10.20

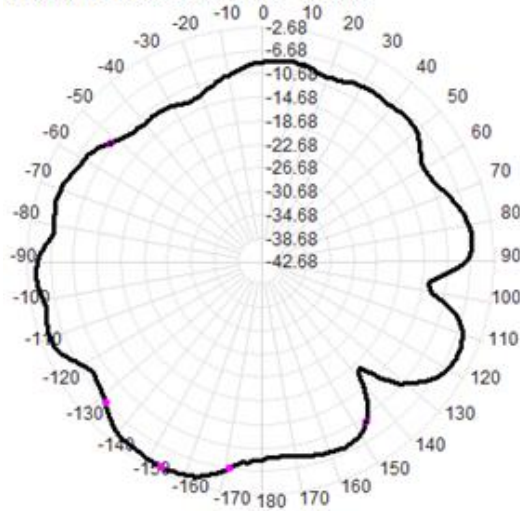


Radiation pattern: Antenna 3D Pattern at $f = 2404\text{MHz}$

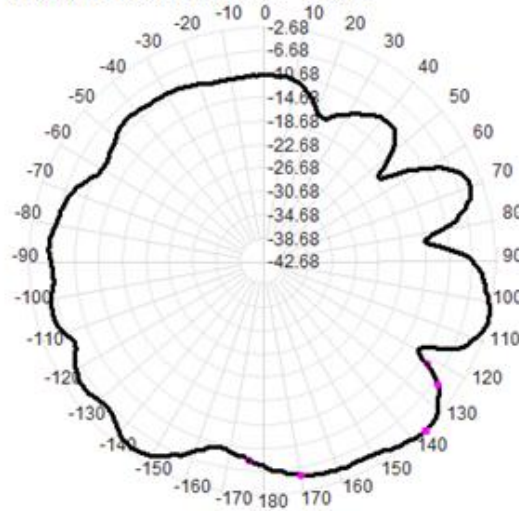


Radiation pattern: Antenna 2D Pattern at $f = 2404\text{MHz}$

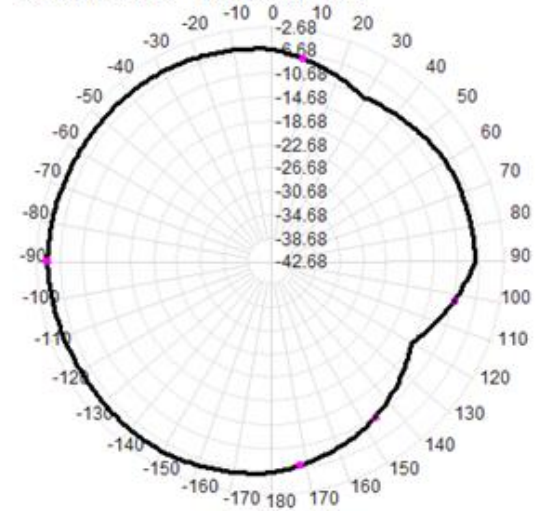
2404.0MHz Total(E1-XZ), Max= -3.77dBi



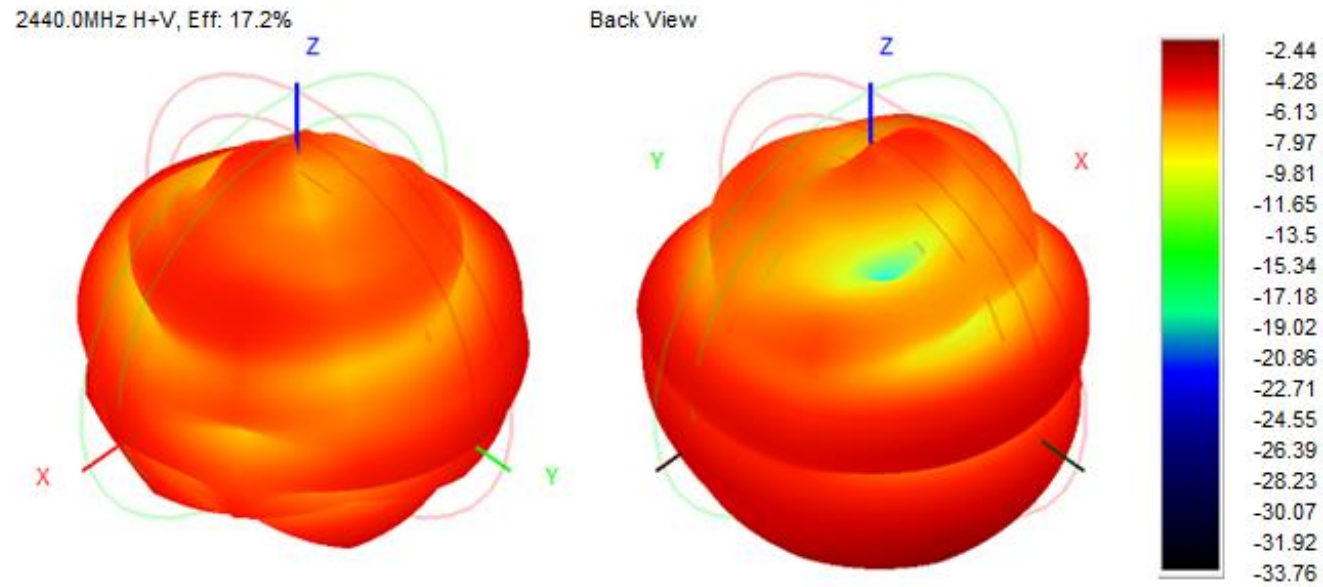
2404.0MHz Total(E2-YZ), Max= -2.68dBi



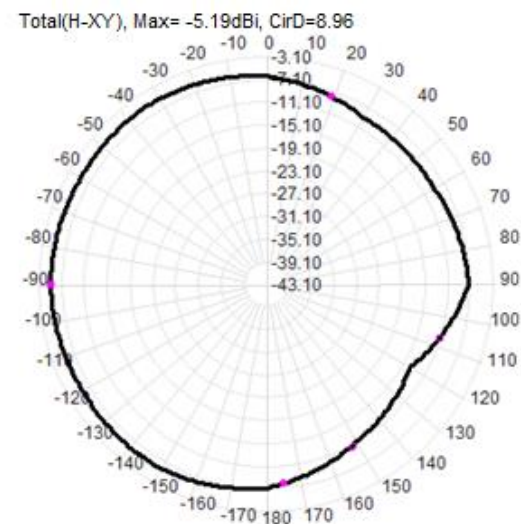
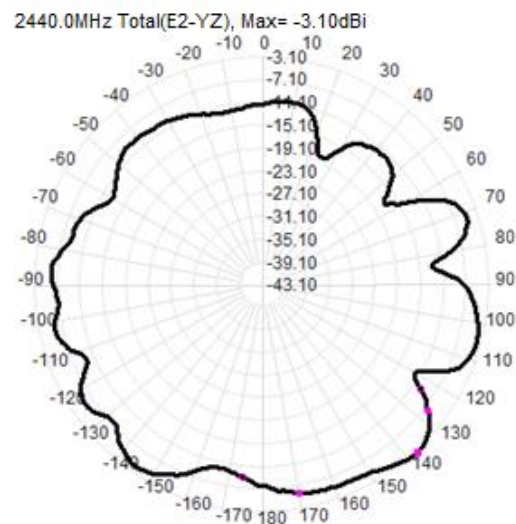
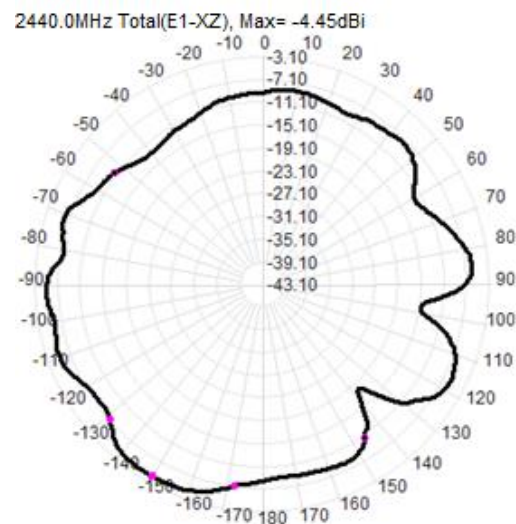
Total(H-XY), Max= -4.59dBi, CirD=10.37



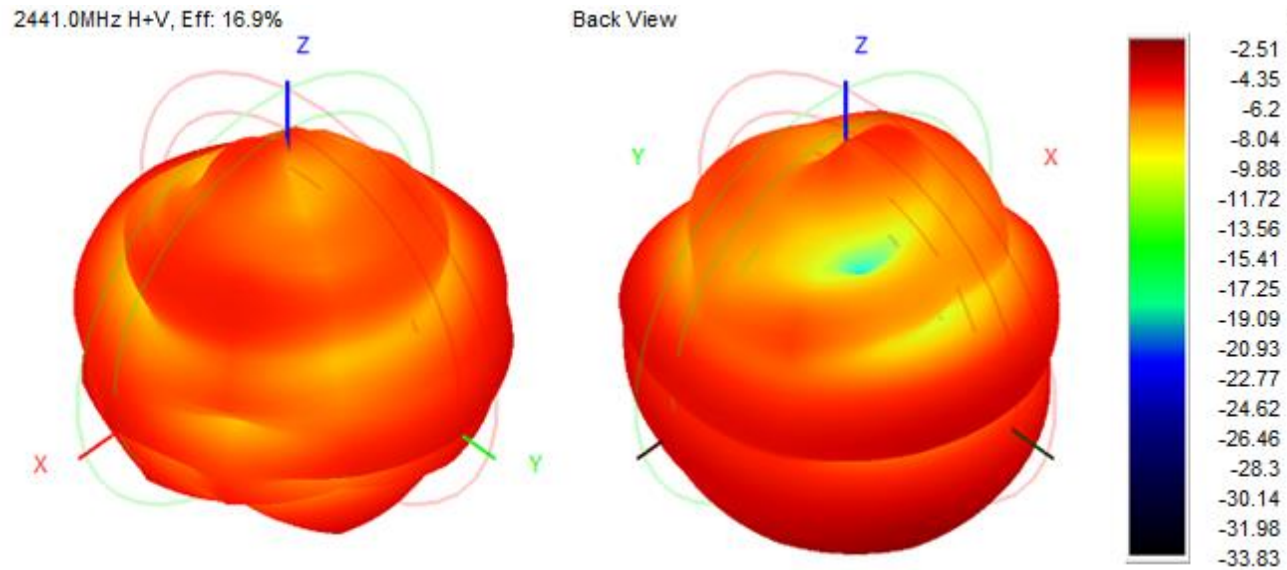
Radiation pattern: Antenna 3D Pattern at $f = 2440\text{MHz}$



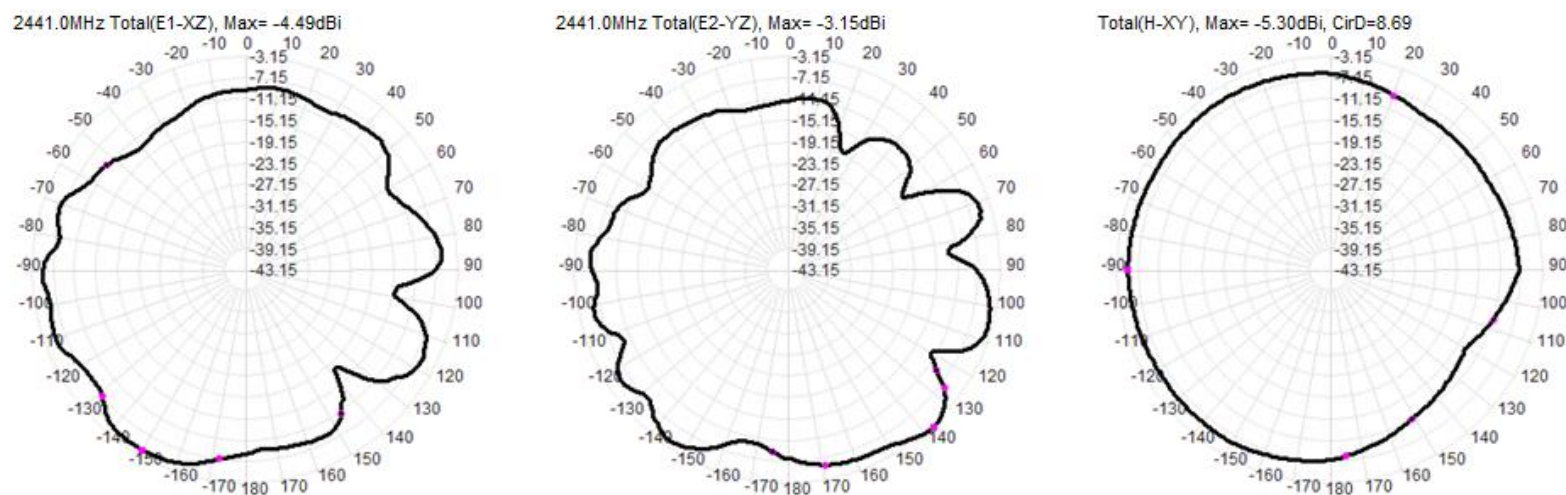
Radiation pattern: Antenna 2D Pattern at $f = 2440\text{MHz}$



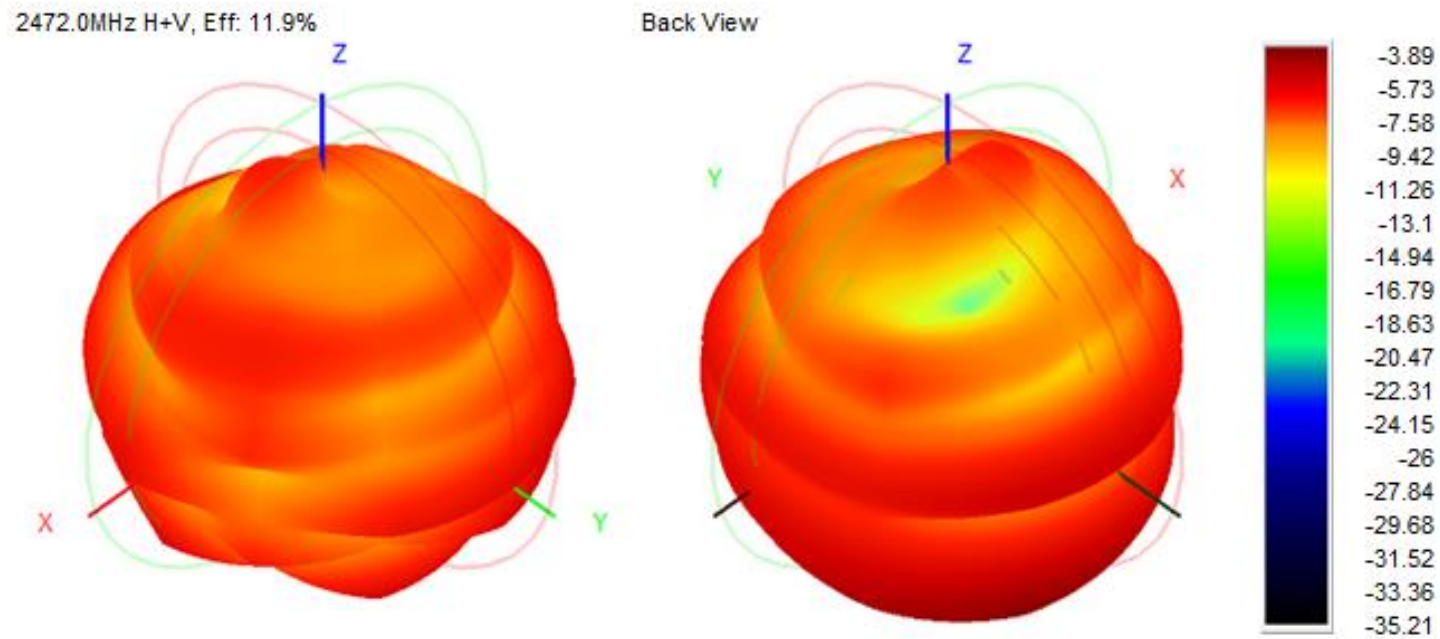
Radiation pattern: Antenna 3D Pattern at $f = 2441\text{MHz}$



Radiation pattern: Antenna 2D Pattern at $f = 2441\text{MHz}$

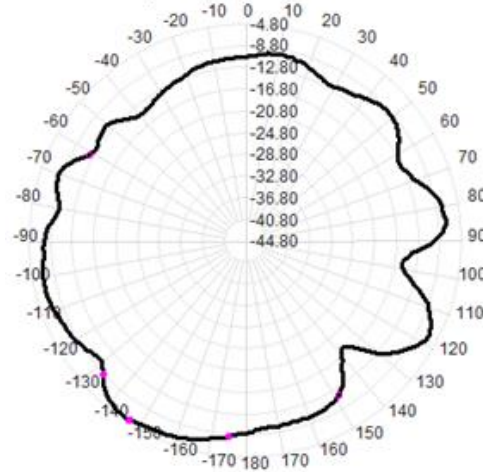


Radiation pattern: Antenna 3D Pattern at $f = 2472\text{MHz}$

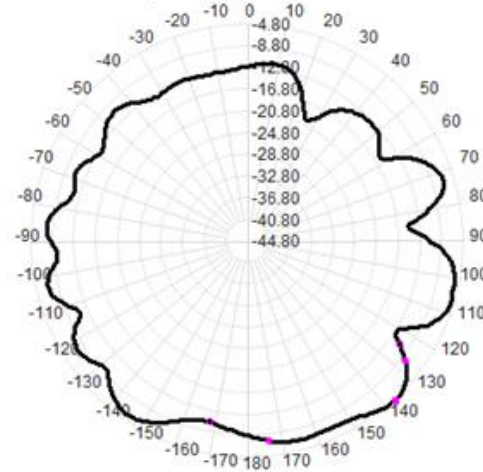


Radiation pattern: Antenna 2D Pattern at $f = 2472\text{MHz}$

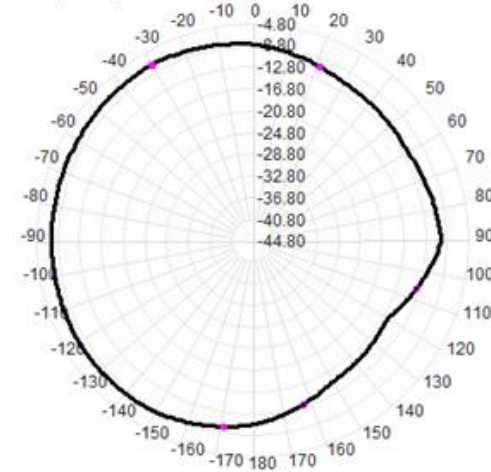
2472.0MHz Total(E1-XZ), Max= -5.63dBi



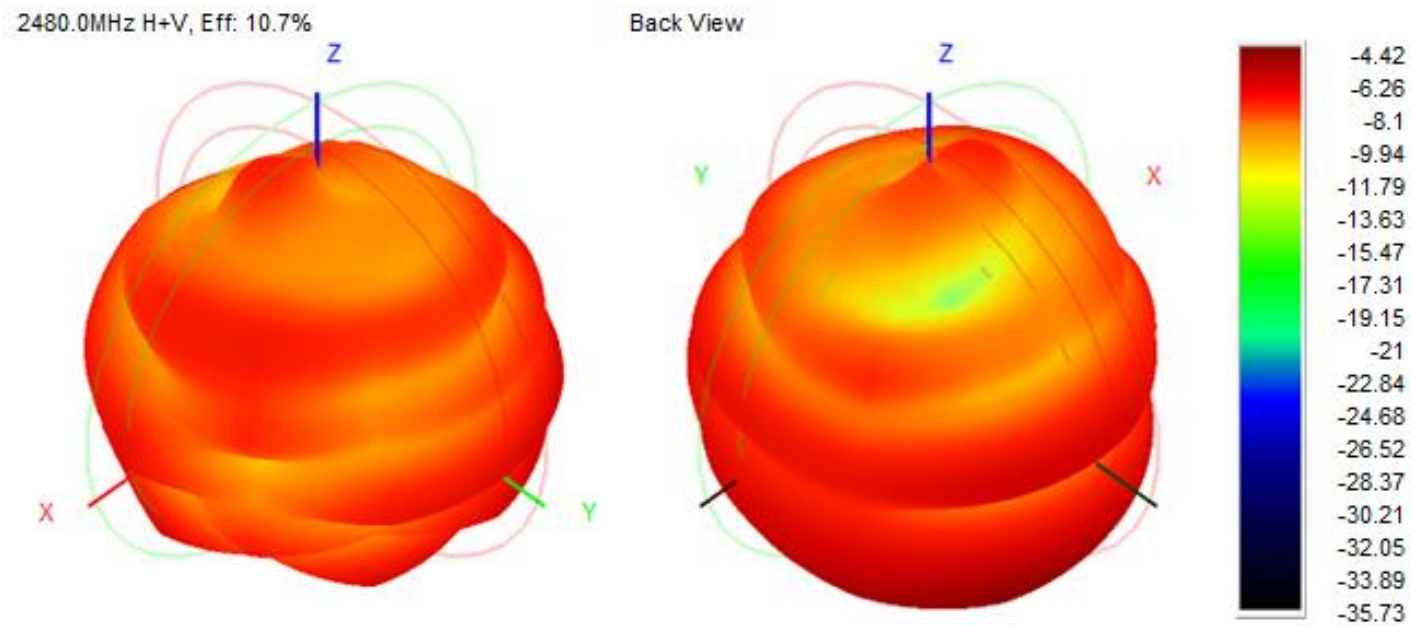
2472.0MHz Total(E2-YZ), Max= -4.80dBi



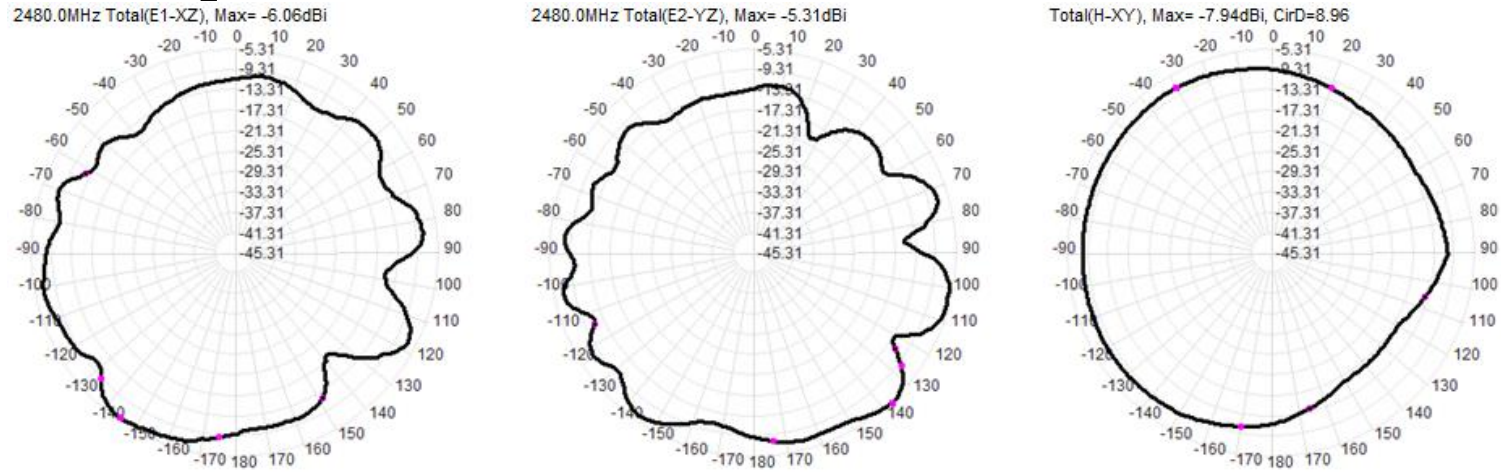
Total(H-XY), Max= -7.32dBi, CirD=8.96



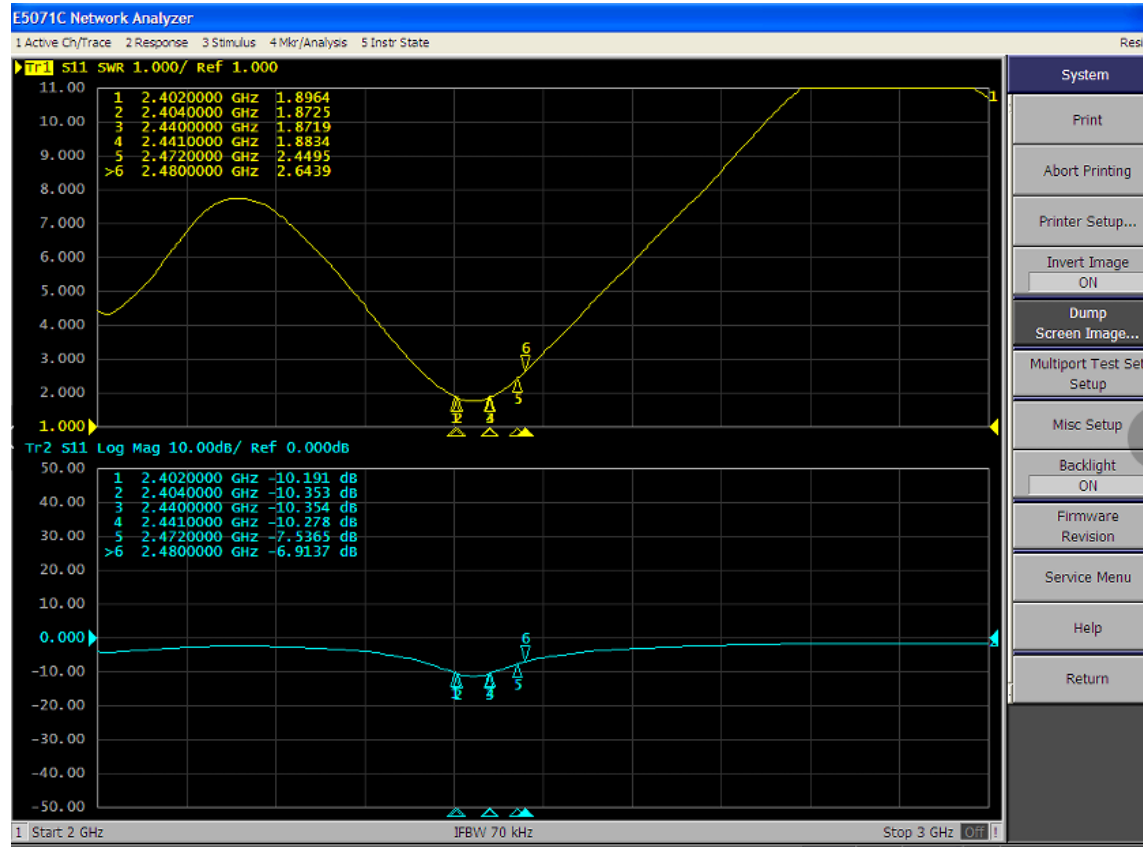
Radiation pattern: Antenna 3D Pattern at $f = 2480\text{MHz}$



Radiation pattern: Antenna 2D Pattern at $f = 2480\text{MHz}$



Rturn Loss: Antenna1



Measurements summary

Frequency ID	1	2	3	4	5	6
Frequency (MHz)	2402	2404	2440	2441	2472	2480
Efficiency (dBi)	-6.98	-7.03	-7.64	-7.72	-9.23	-9.72
Gain (dBi)	0	-0.07	-0.64	-0.71	-2.09	-2.62
Efficiency (%)	20.05	19.81	17.21	16.91	11.93	10.66
Directivity (dB)	5.18	5.16	5.2	5.21	5.34	5.3
Peak Gain Position (Theta)	74	75	40	41	40	40
Peak Gain Position (Phi)	120	120	120	120	120	120
Efficiency ThetaPol (%)	15.11	14.91	12.75	12.54	8.63	7.65
Efficiency PhiPol (%)	4.94	4.9	4.47	4.38	3.3	3.01
Upper Hem. Efficiency (%)	6.84	6.75	5.98	5.88	4.14	3.68
Lower Hem. Efficiency (%)	13.21	13.06	11.24	11.04	7.79	6.98