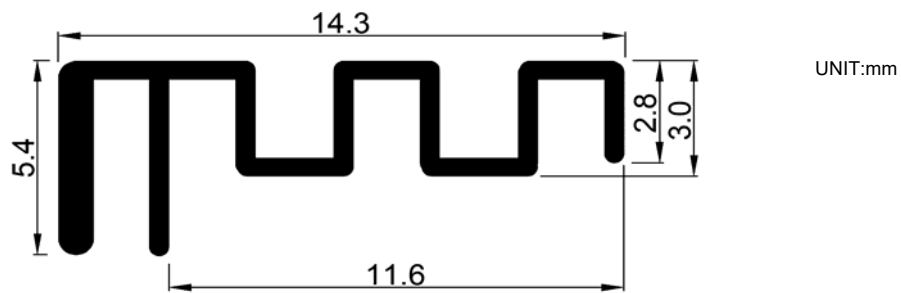
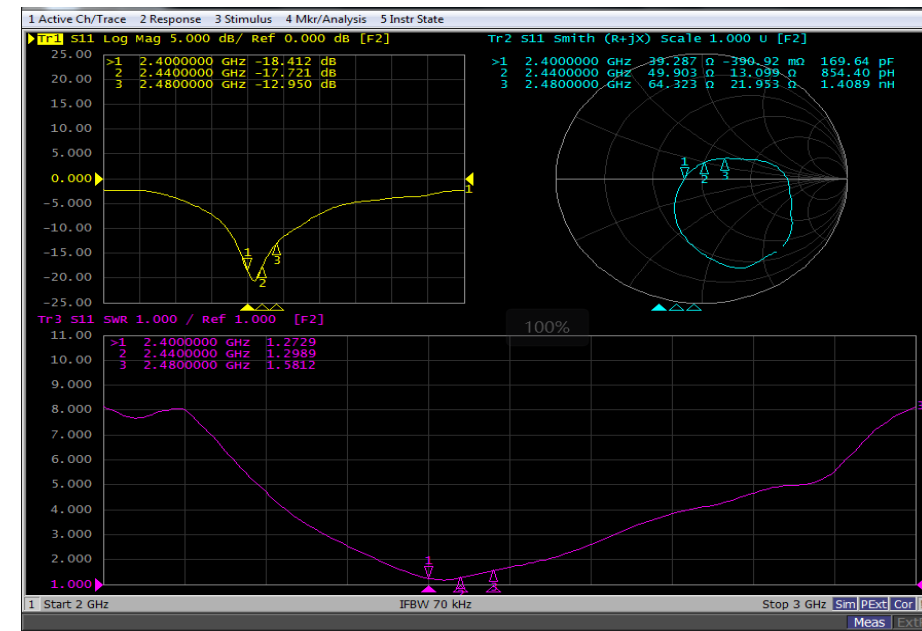


BT Antenna spec.

Model	frequency band	Type	Brand	Manufacturer
TAZ7200	2400-2480MHz	PCB	Kasung	Dongguan Jiadian Electronics Technology Co., Ltd.



Passive S11 parameter test of antenna

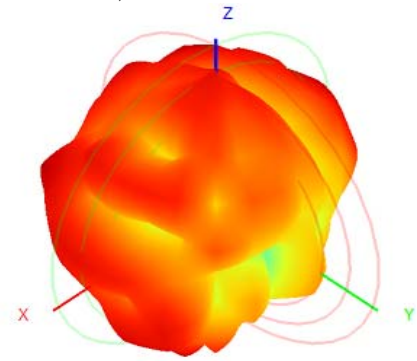


Freq (MHz)	2400	2440	2480
SWR	1.27	1.30	1.58
Log Mag	-18.84	-17.72	-12.95

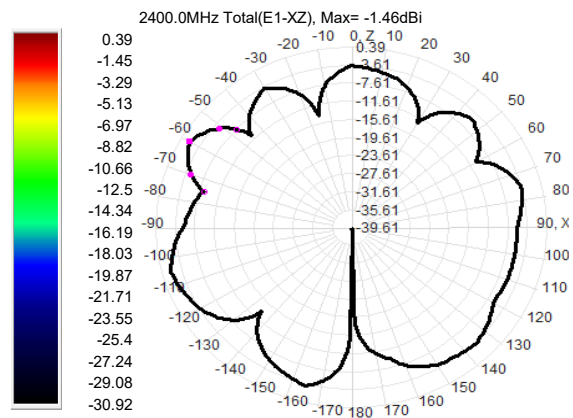
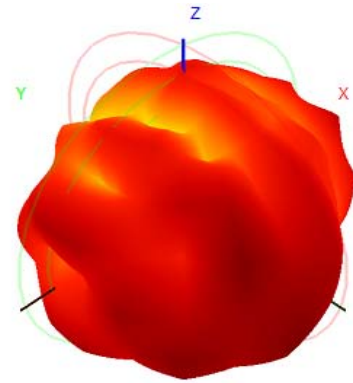
Passive efficiency and gain testing of antennas

Frequency ID	1	2	3	4	5	6	7	8	9	10	11
Frequency (MHz)	2400.0	2410.0	2420.0	2430.0	2440.0	2450.0	2460.0	2470.0	2480.0	2490.0	2500.0
Gain (dBi)	0.39	0.75	0.63	0.57	1.01	1.07	1.32	1.39	1.25	1.57	1.67
Efficiency (%)	29.94	30.76	28.69	27.46	29.05	28.50	29.25	29.41	28.51	30.52	31.08

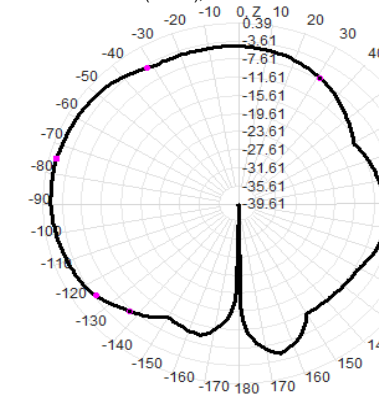
2400.0MHz H+V, Eff: 29.9%



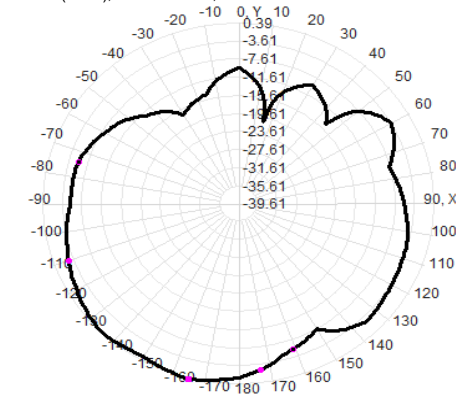
Back View



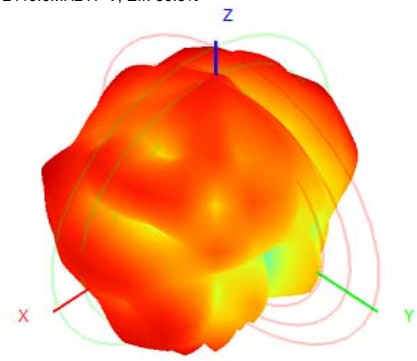
2400.0MHz Total(E2-YZ), Max=-1.14dBi



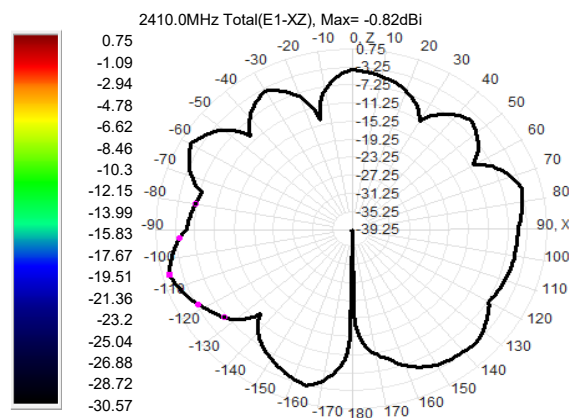
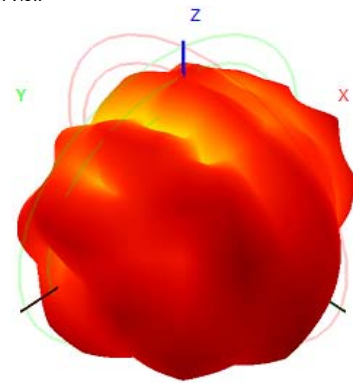
Total(H-XY), Max= 0.39dBi, CirD=21.15



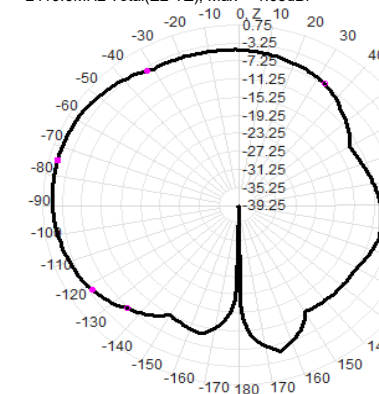
2410.0MHz H+V, Eff: 30.8%



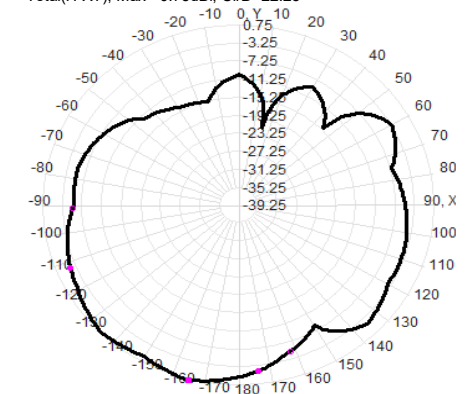
Back View



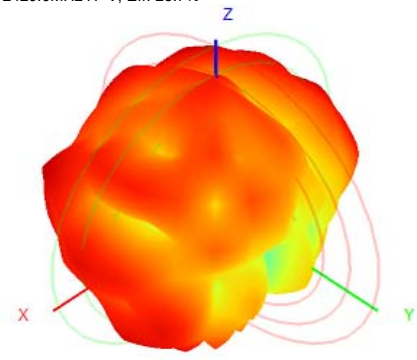
2410.0MHz Total(E2-YZ), Max=-1.03dBi



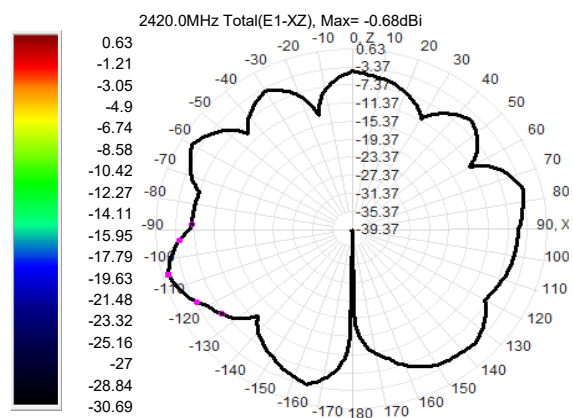
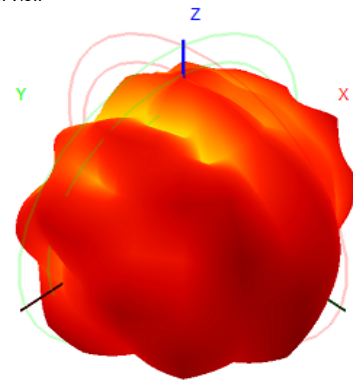
Total(H-XY), Max= 0.75dBi, CirD=22.25



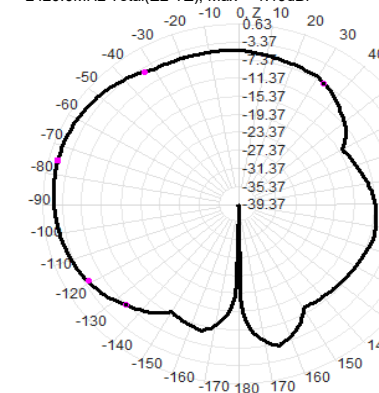
2420.0MHz H+V, Eff: 28.7%



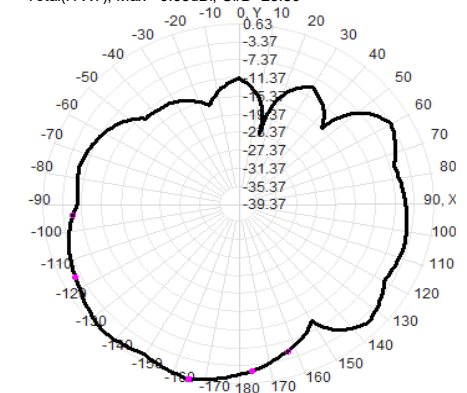
Back View



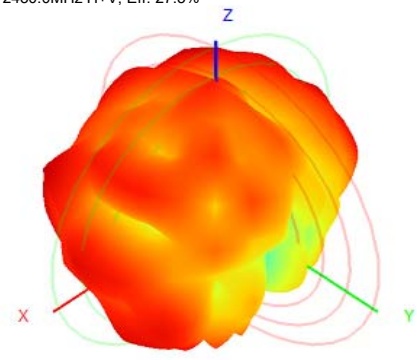
2420.0MHz Total(E2-YZ), Max=-1.19dBi



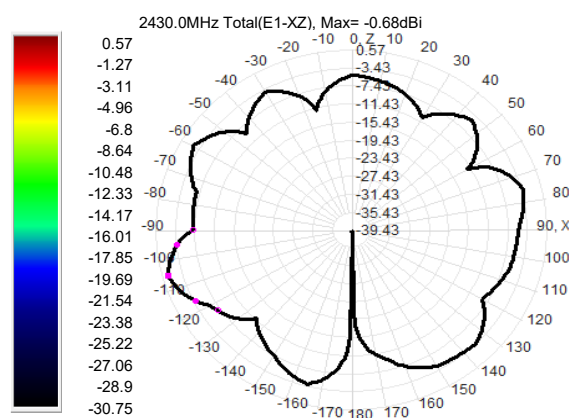
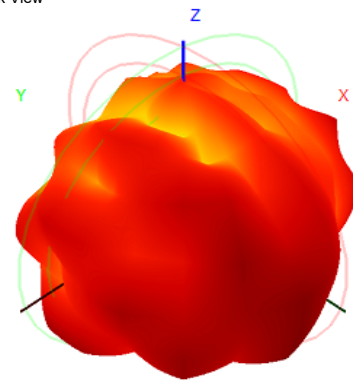
Total(H-XY), Max= 0.63dBi, CirD=23.80



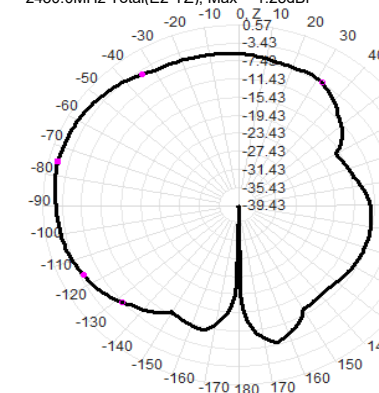
2430.0MHz H+V, Eff: 27.5%



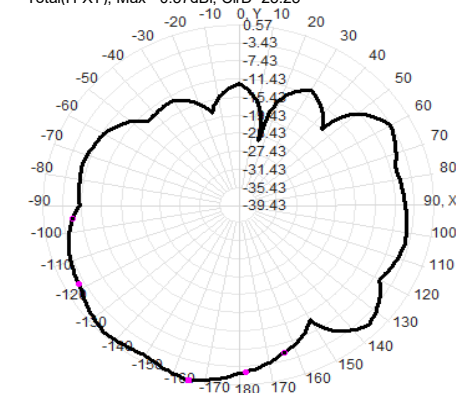
Back View



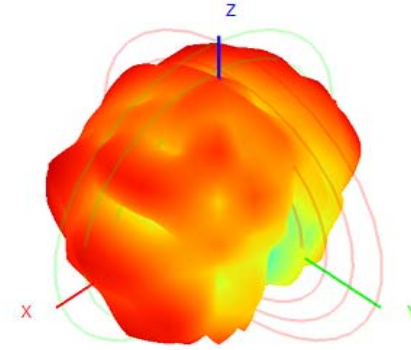
2430.0MHz Total(E2-YZ), Max=-1.25dBi



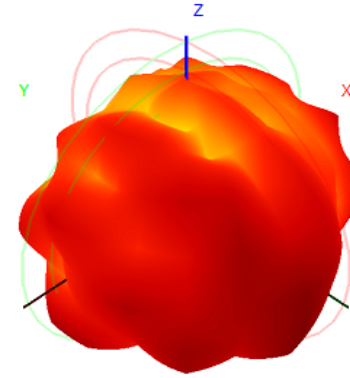
Total(H-XY), Max= 0.57dBi, CirD=25.25



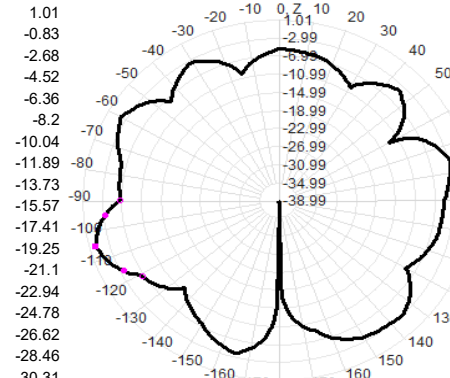
2440.0MHz H+V, Eff: 29.0%



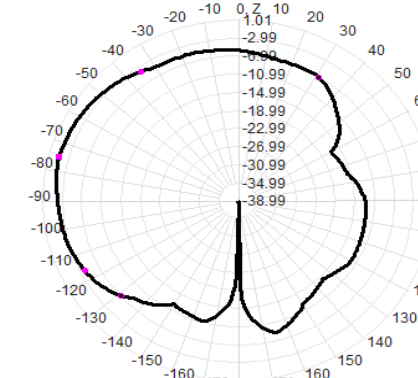
Back View



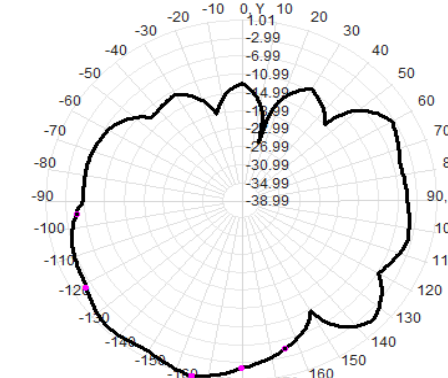
2440.0MHz Total(E1-XZ), Max= -0.36dBi



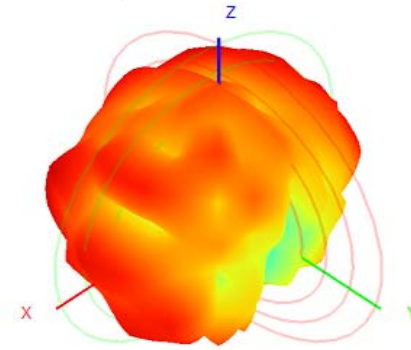
2440.0MHz Total(E2-YZ), Max= -1.07dBi



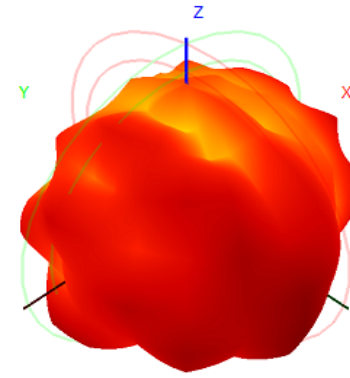
Total(H-XY), Max= 1.01dBi, CirD=26.72



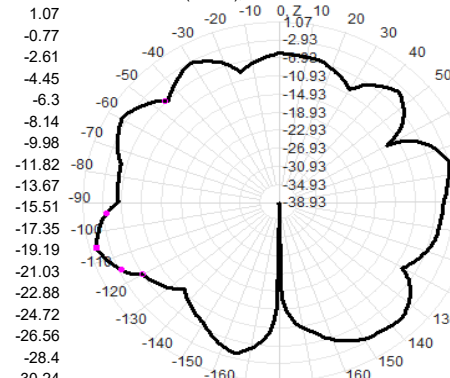
2450.0MHz H+V, Eff: 28.5%



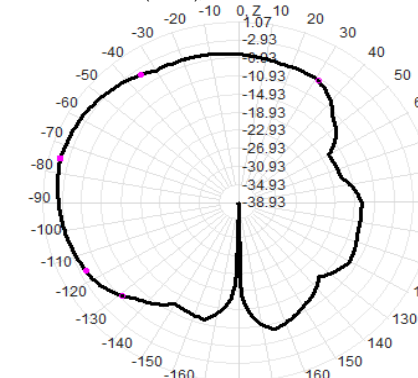
Back View



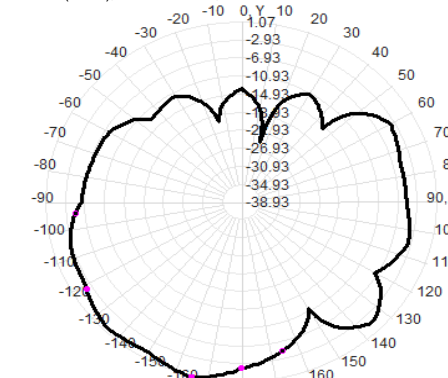
2450.0MHz Total(E1-XZ), Max= -0.43dBi



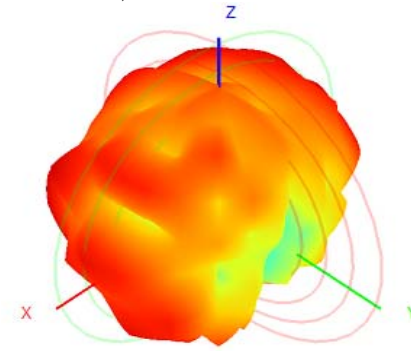
2450.0MHz Total(E2-YZ), Max= -1.31dBi



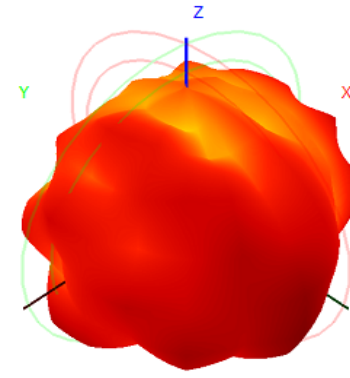
Total(H-XY), Max= 1.07dBi, CirD=26.16



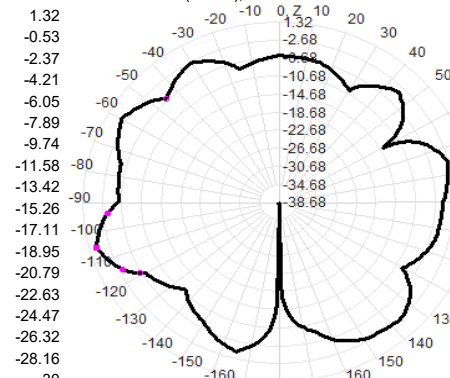
2460.0MHz H+V, Eff: 29.3%



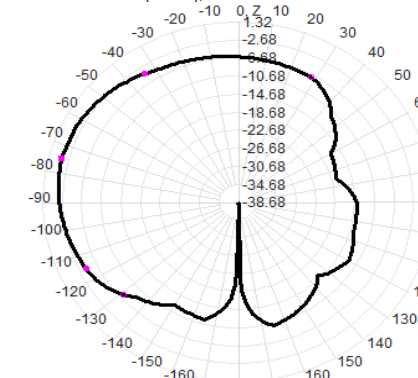
Back View



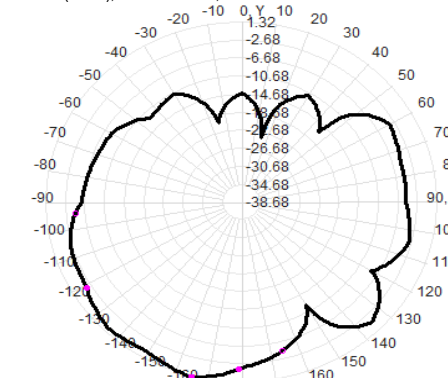
2460.0MHz Total(E1-XZ), Max= -0.31dBi



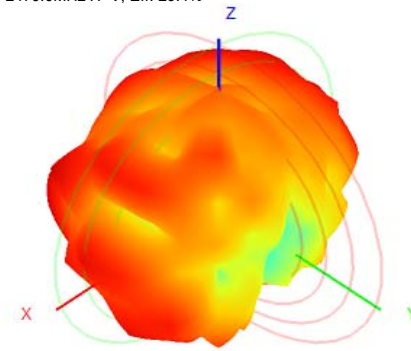
2460.0MHz Total(E2-YZ), Max= -1.31dBi



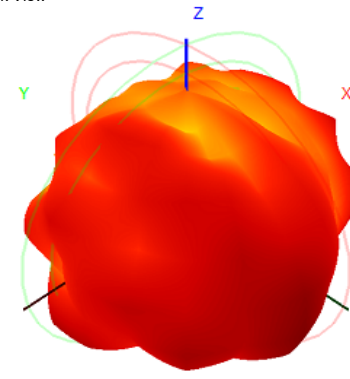
Total(H-XY), Max= 1.32dBi, CirD=25.18



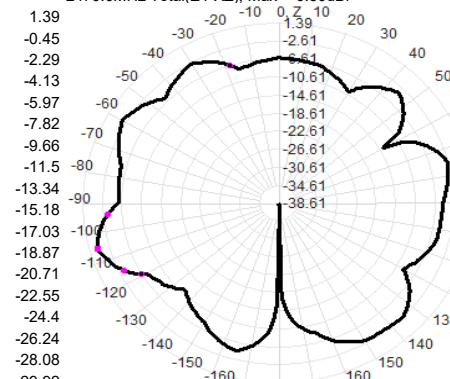
2470.0MHz H+V, Eff: 29.4%



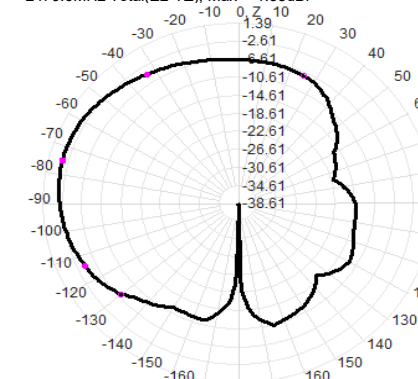
Back View



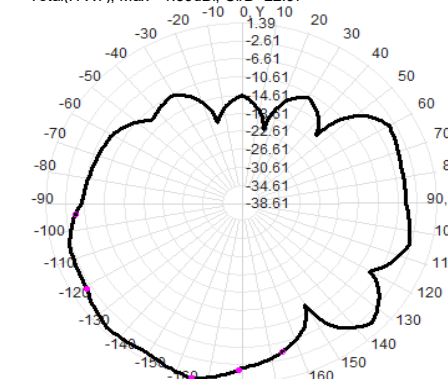
2470.0MHz Total(E1-XZ), Max= -0.30dBi



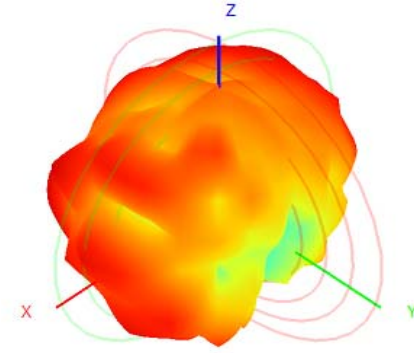
2470.0MHz Total(E2-YZ), Max= -1.38dBi



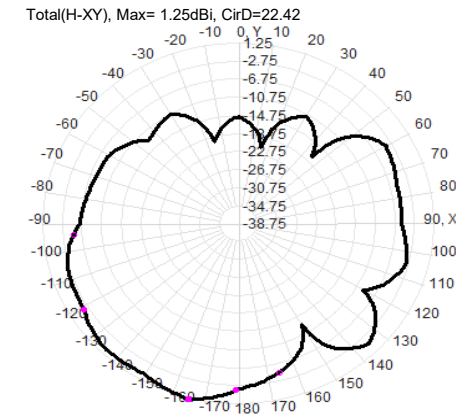
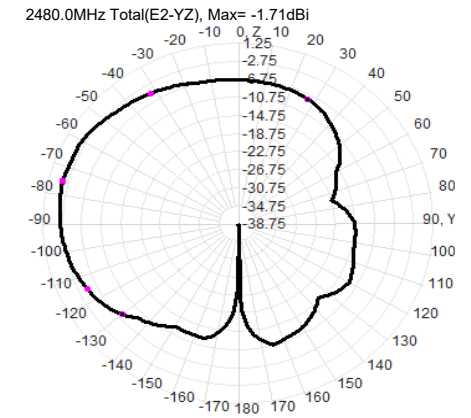
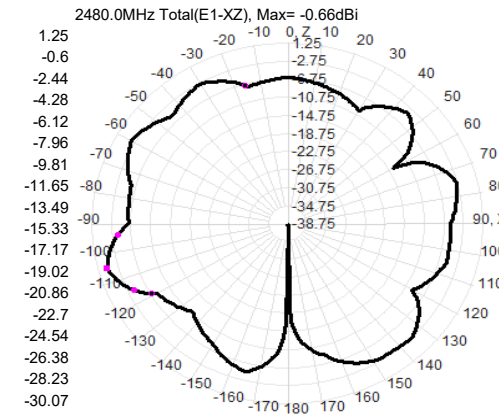
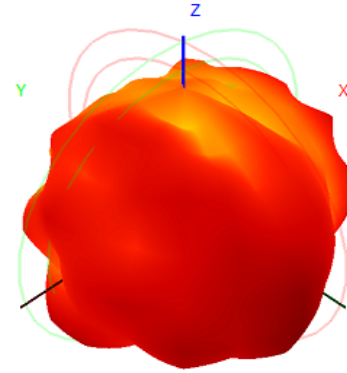
Total(H-XY), Max= 1.39dBi, CirD=22.97



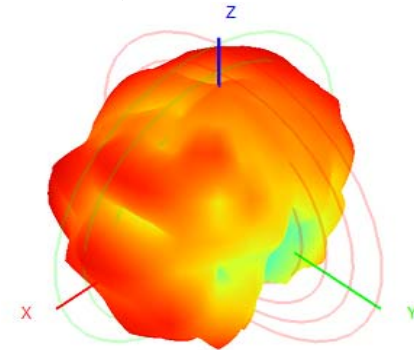
2480.0MHz H+V, Eff: 28.5%



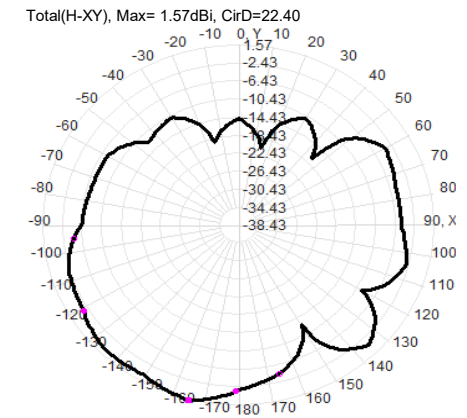
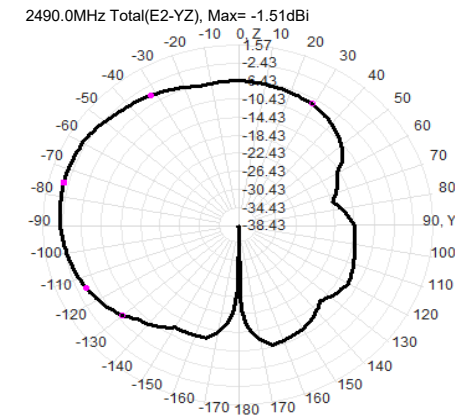
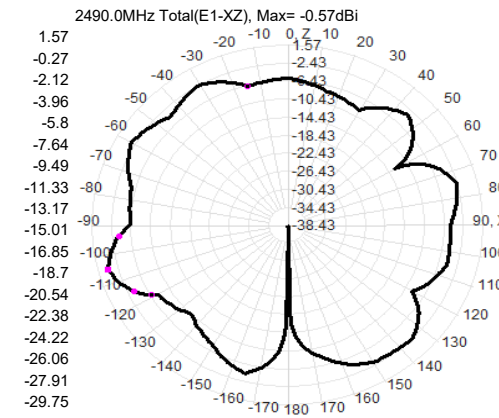
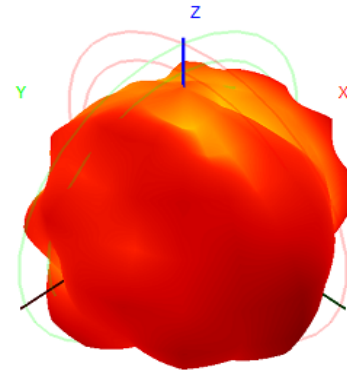
Back View



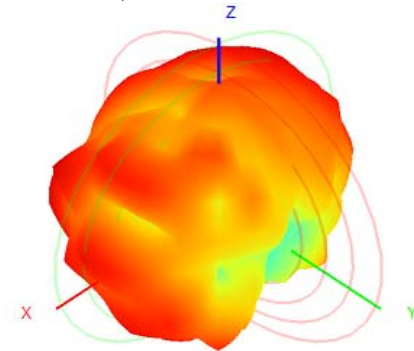
2490.0MHz H+V, Eff: 30.5%



Back View



2500.0MHz H+V, Eff: 31.1%



Back View

