

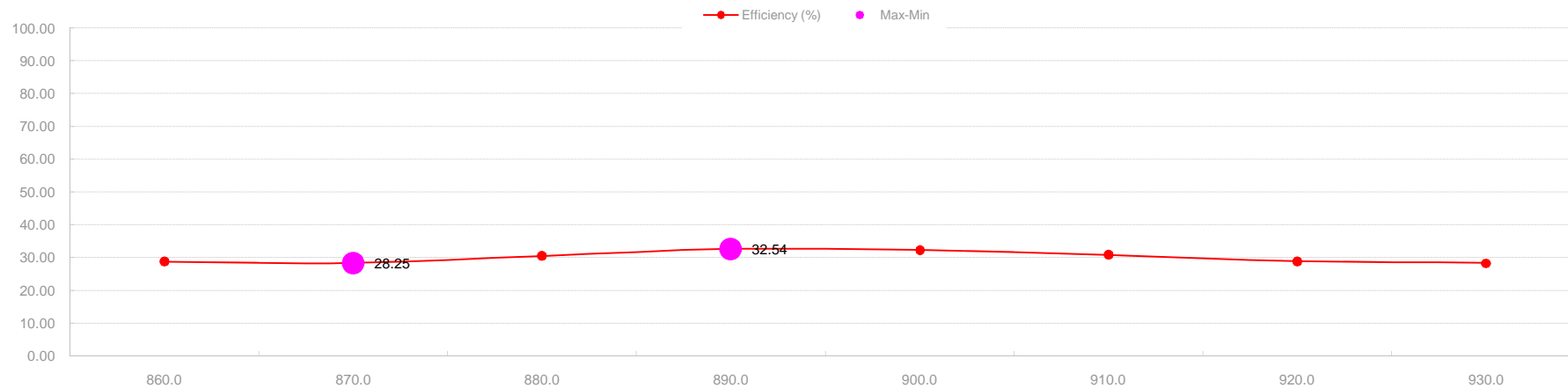


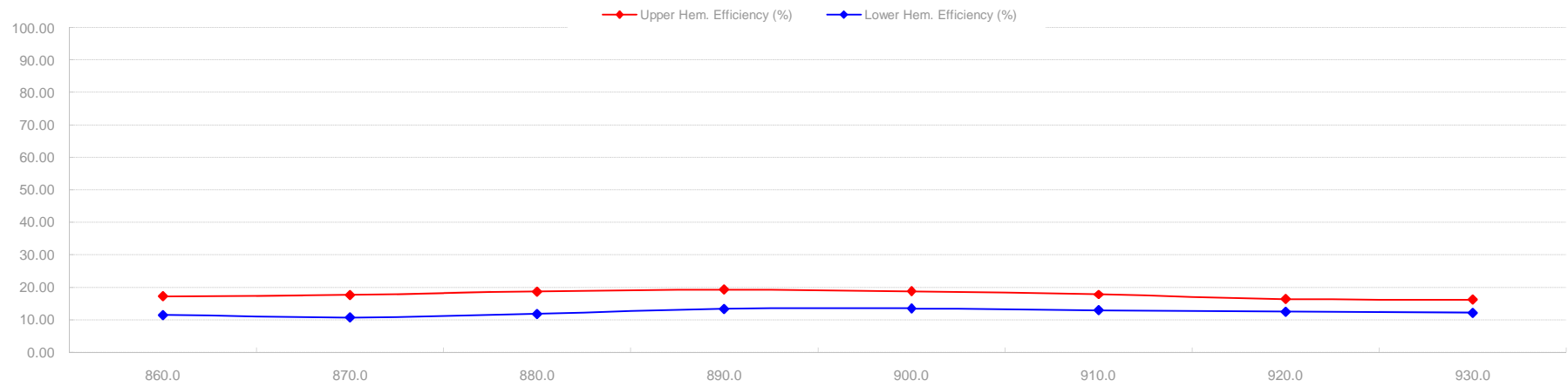
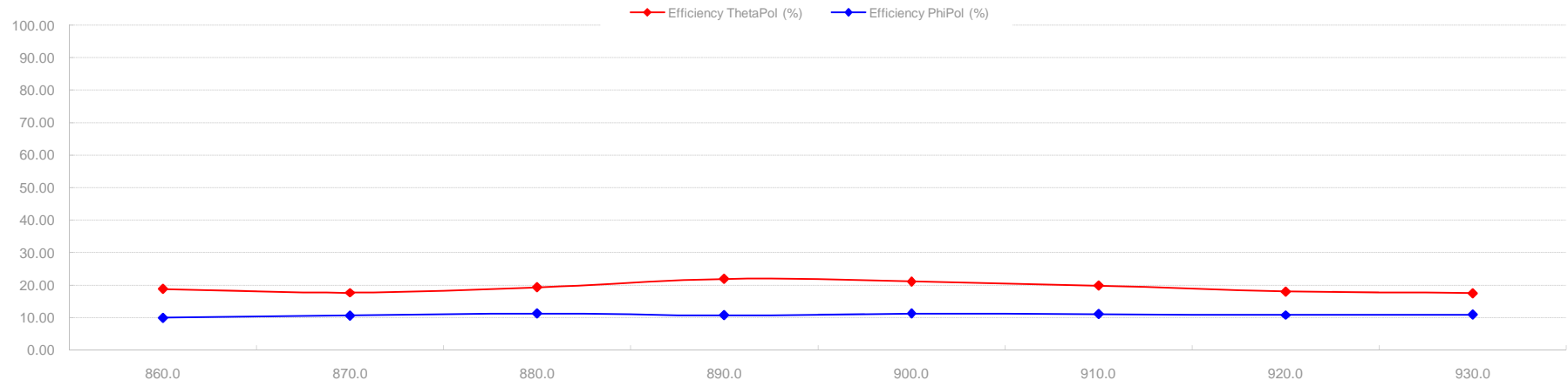
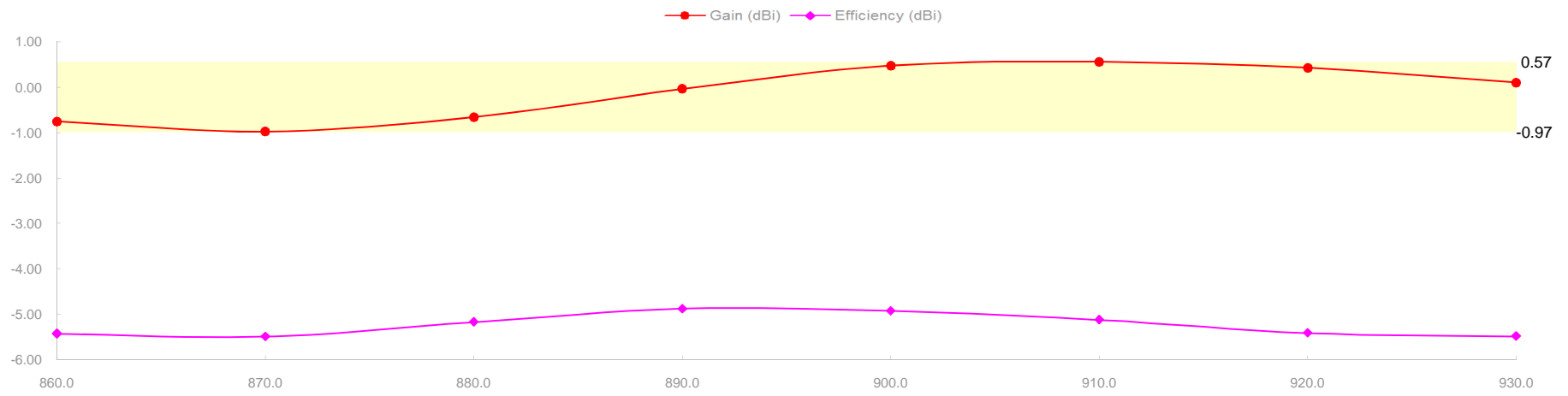
M.gear

Frequency ID	1	2	3	4	5	6	7	8
Frequency (MHz)	860.0	870.0	880.0	890.0	900.0	910.0	920.0	930.0
Efficiency (dBi)	-5.43	-5.49	-5.17	-4.88	-4.92	-5.12	-5.41	-5.48
Gain (dBi)	-0.75	-0.97	-0.66	-0.03	0.48	0.57	0.44	0.11
Efficiency (%)	28.66	28.25	30.43	32.54	32.21	30.78	28.77	28.30
Directivity (dB)	4.67	4.52	4.51	4.84	5.40	5.68	5.85	5.59
Peak Gain Position (Theta)	90.00	45.00	90.00	105.00	105.00	105.00	105.00	105.00
Peak Gain Position (Phi)	255.00	120.00	75.00	90.00	90.00	90.00	90.00	90.00
Efficiency ThetaPol (%)	18.78	17.66	19.25	21.86	21.05	19.76	17.99	17.43
Efficiency PhiPol (%)	9.88	10.59	11.18	10.69	11.16	11.02	10.78	10.87
Upper Hem. Efficiency (%)	17.22	17.59	18.66	19.24	18.76	17.83	16.33	16.16
Lower Hem. Efficiency (%)	11.44	10.66	11.77	13.30	13.45	12.94	12.44	12.14

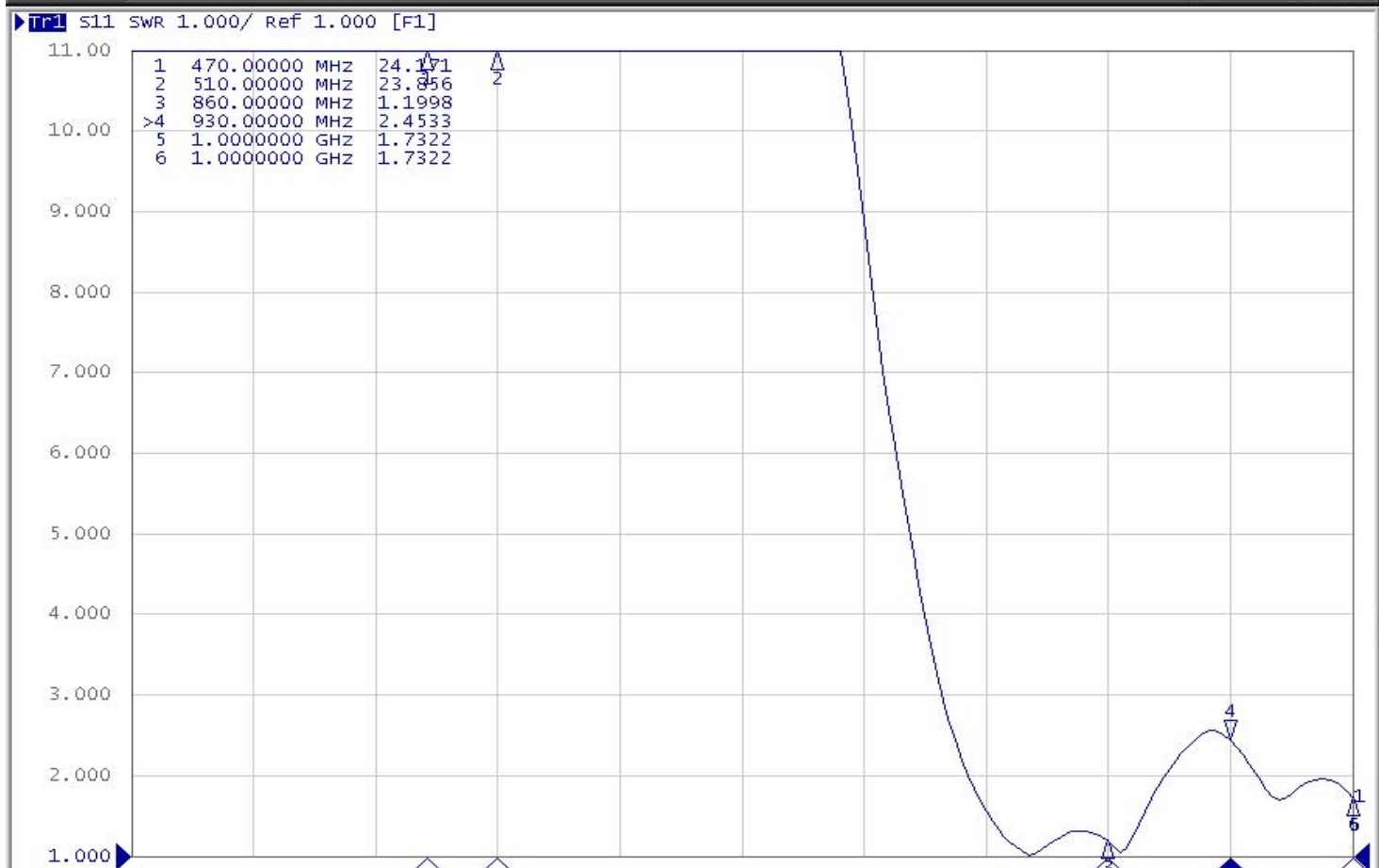
T90(H)roundness	15.74	14.24	14.79	16.47	16.29	16.14	14.59	12.34
Gain 15deg (dBi)								
E1(XZ)beam width	98.00	104.00	106.00	103.00	106.00	65.00	66.00	74.00
E1(XZ)front-to-rear ratio	5.23	6.45	5.65	5.75	3.83	2.47	1.33	0.22
E2(YZ)beam width	103.00	117.00	106.00	100.00	89.00	80.00	67.00	55.00
E2(YZ)front-to-rear ratio	7.79	8.03	6.54	5.57	6.08	6.59	6.85	7.00
Maximum benefit axis ratio	11.53	11.53	18.51	37.83	36.27	43.76	26.89	23.10
peak(Theta=0)Axial ratio(P)	16.41	9.15	9.62	10.44	11.05	8.99	7.12	2.61
elevation 10° axial ratio(P)	48.79	51.11	46.09	46.30	46.13	46.05	65.82	54.07
Hc(XY)beam width	83.00	69.00	75.00	67.00	65.00	62.00	59.00	55.00
Hc(XY)front-to-rear ratio	0.00	0.48	0.49	0.00	0.00	0.00	0.00	0.00
Left-handed circular polarization efficiency(%)	8.44	6.66	8.31	11.05	12.19	12.27	11.71	11.14
Right handed circular polarization efficiency(%)	20.22	21.60	22.12	21.49	20.02	18.51	17.06	17.16
Empty								

Xiamen Milesight IoT Co., Ltd.
 Add: Building C09, Software Park Phase III, Xiamen 361024, Fujian, China





Marker 4 930.000000 MHz

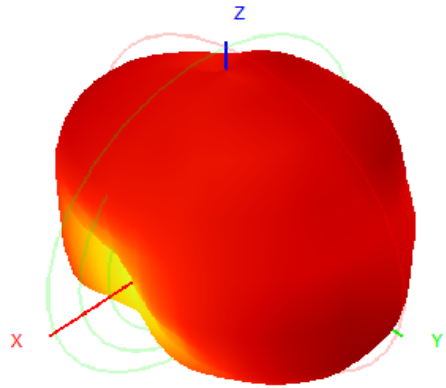


Marker

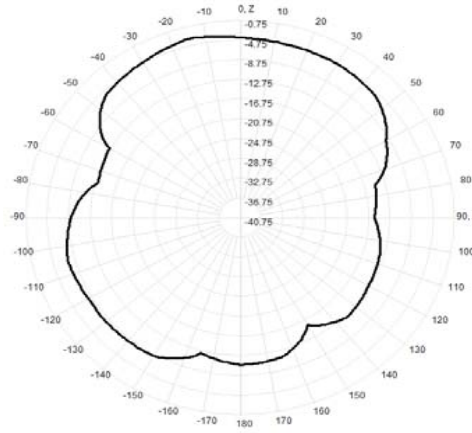
- ✓ Marker 1
- ✓ Marker 2
- ✓ Marker 3
- ✓ Marker 4
- More Markers ▶
- Ref Marker
- Clear Marker Menu ▶
- Marker -> Ref Marker
- Ref Marker Mode
OFF
- Return

1 Start 300 MHz IFBW 70 kHz Stop 1 GHz PExt C? !

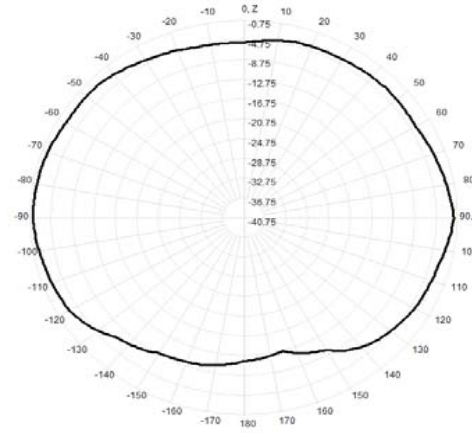
860.0MHz H+V, Eff: 28.7%



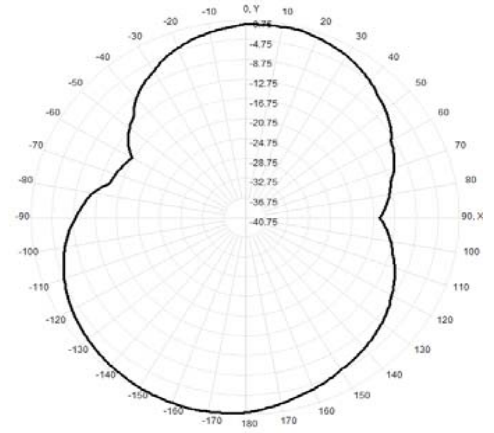
860.0MHz Total(E1-XZ), Max=-3.23dBi



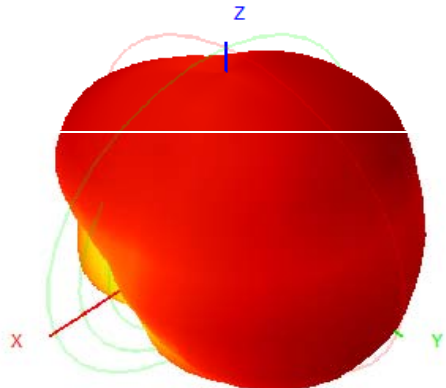
860.0MHz Total(E2-YZ), Max= -1.36dBi



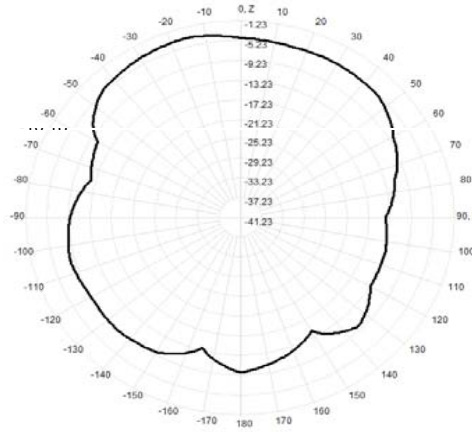
Total(H-XY), Max= -0.75dBi, CirD=15.74



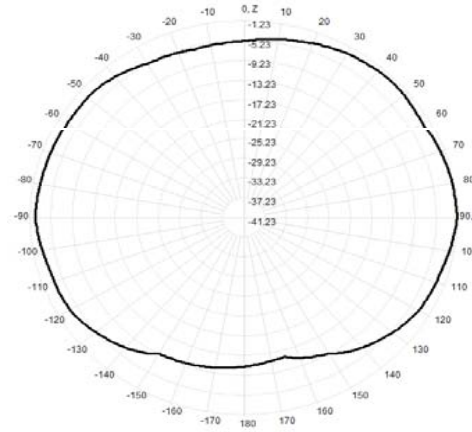
870.0MHz H+V, Eff: 28.3%



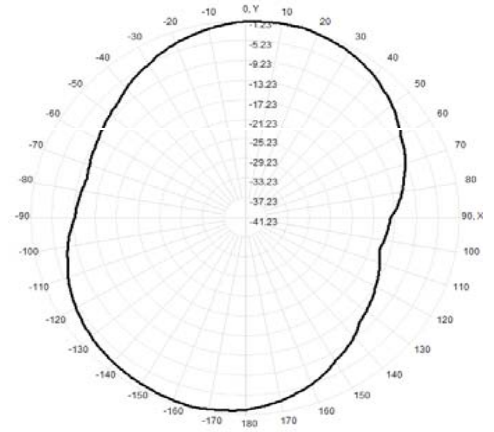
870.0MHz Total(E1-XZ), Max=-3.36dBi



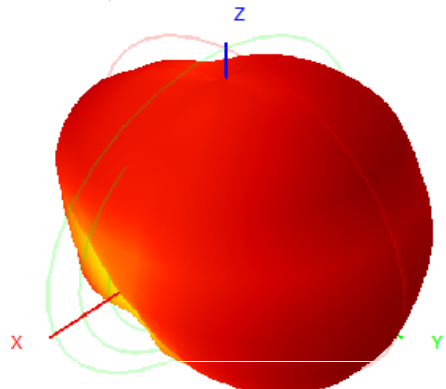
870.0MHz Total(E2-YZ), Max= -1.43dBi



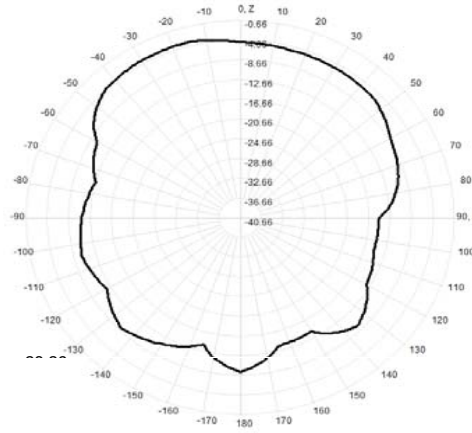
Total(H-XY), Max= -1.23dBi, CirD=14.24



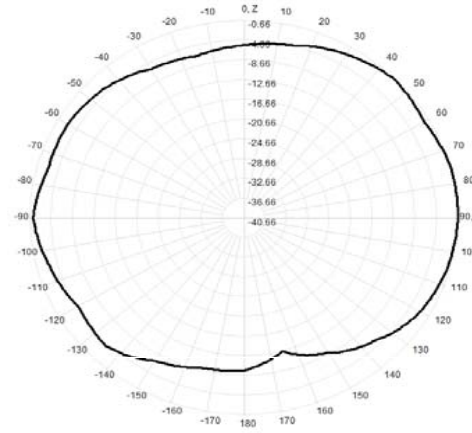
880.0MHz H+V, Eff: 30.4%



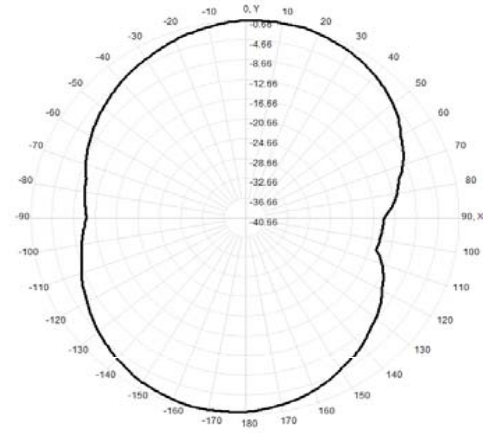
880.0MHz Total(E1-XZ), Max=-3.78dBi



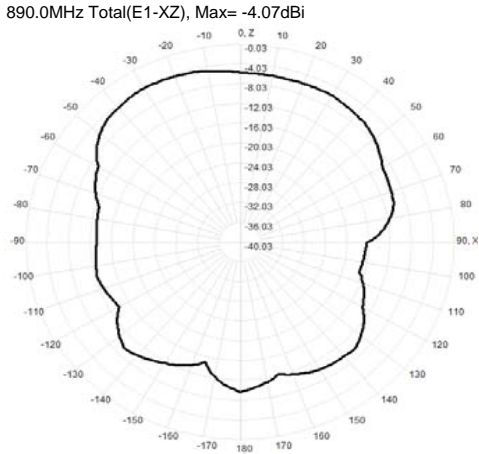
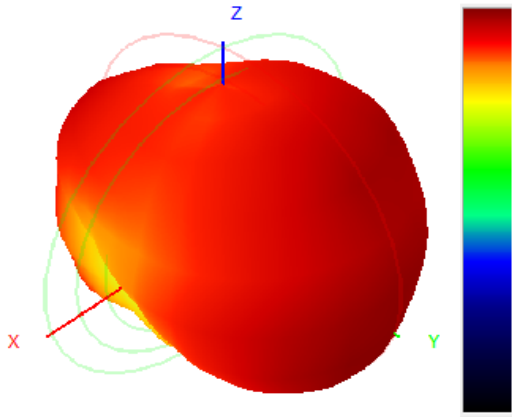
880.0MHz Total(E2-YZ), Max= -0.67dBi



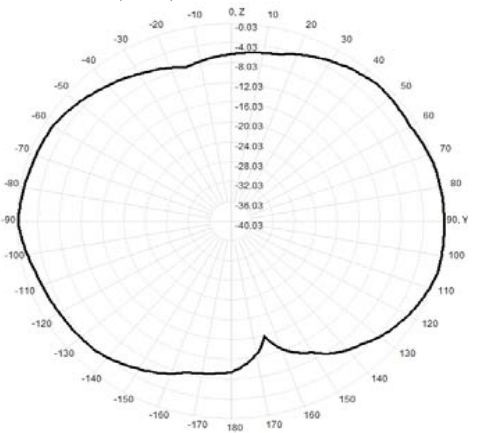
Total(H-XY), Max= -0.66dBi, CirD=14.79



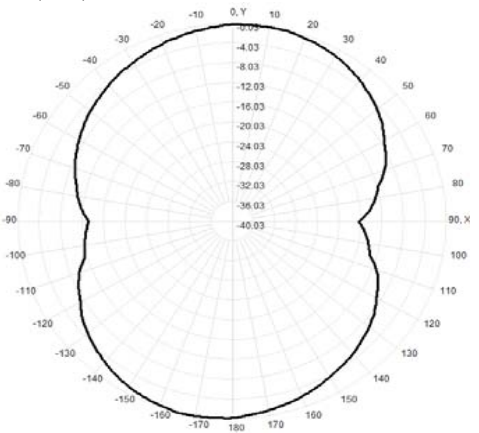
890.0MHz H+V, Eff: 32.5%



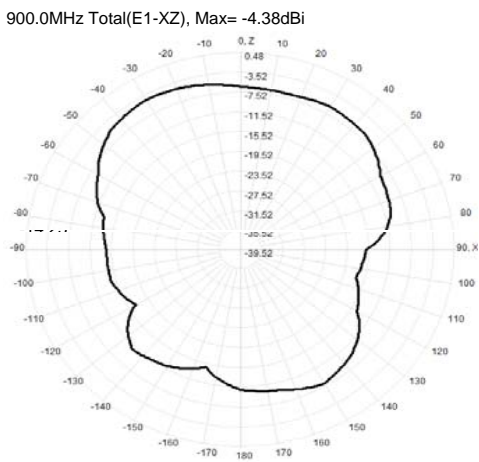
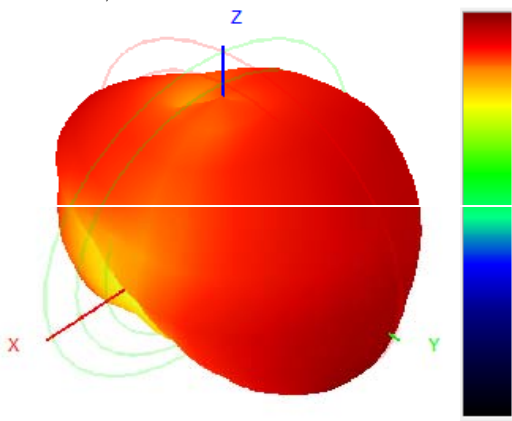
890.0MHz Total(E2-YZ), Max= -0.03dBi



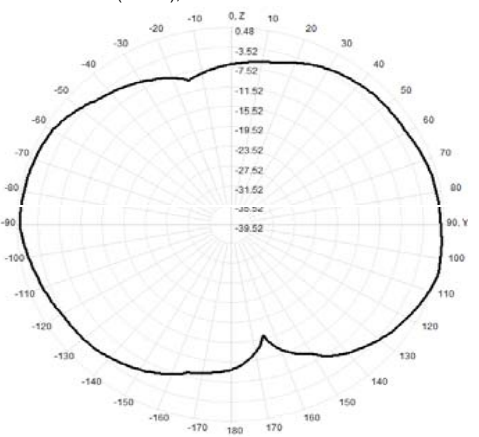
Total(H-XY), Max= -0.06dBi, CirD=16.47



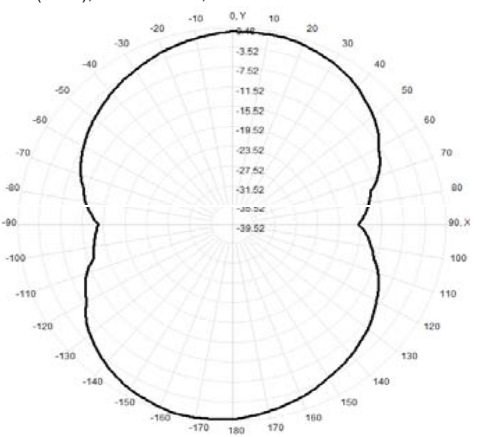
900.0MHz H+V, Eff: 32.2%



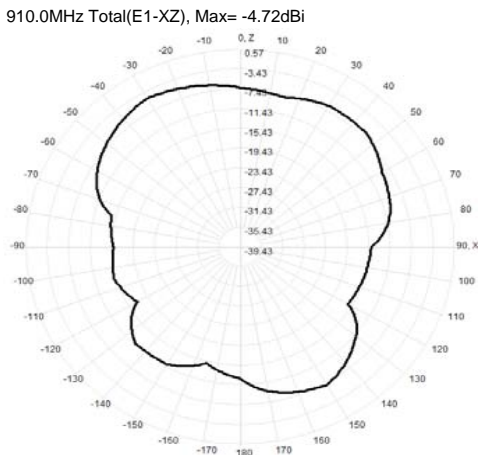
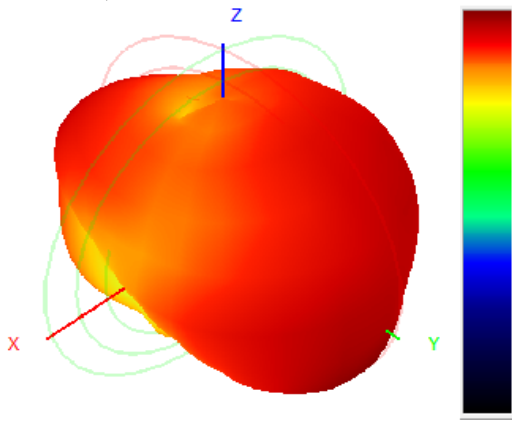
900.0MHz Total(E2-YZ), Max= 0.48dBi



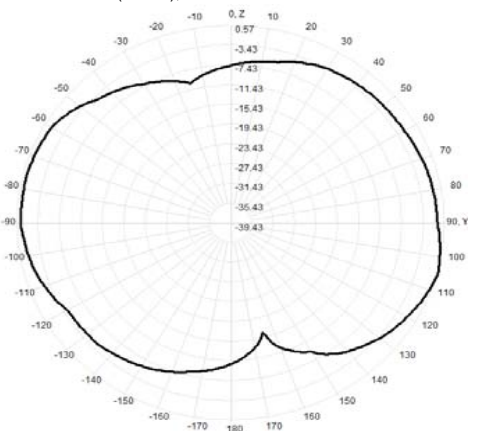
Total(H-XY), Max= 0.21dBi, CirD=16.29



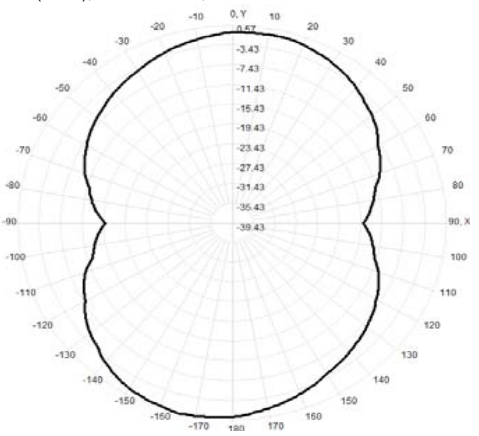
910.0MHz H+V, Eff: 30.8%



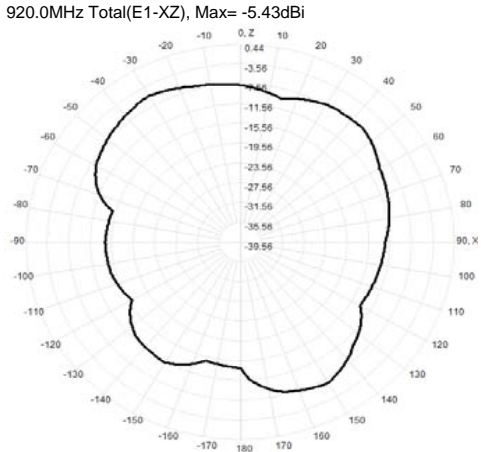
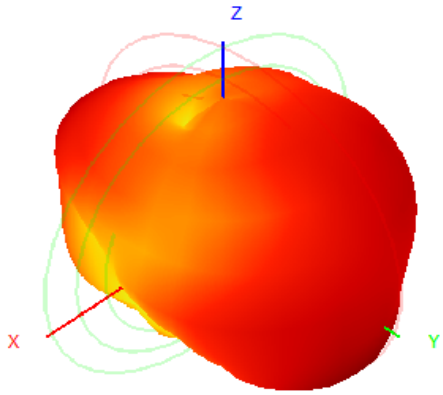
910.0MHz Total(E2-YZ), Max= 0.57dBi



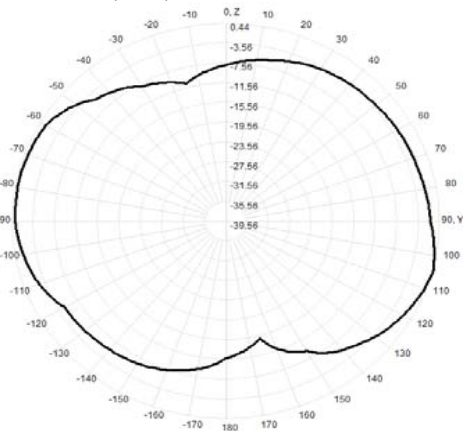
Total(H-XY), Max= 0.32dBi, CirD=16.14



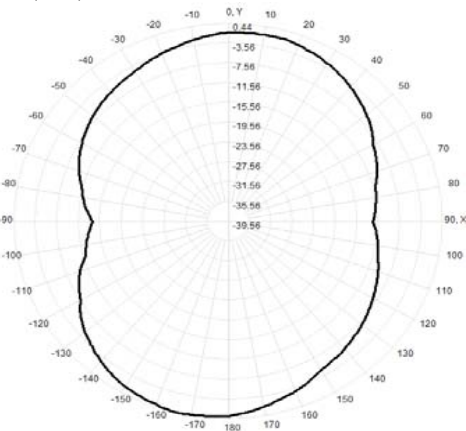
920.0MHz H+V, Eff: 28.8%



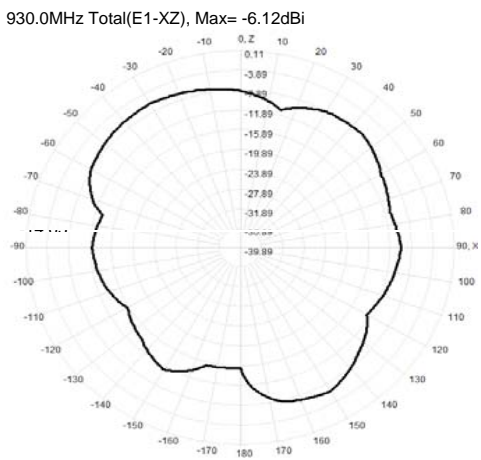
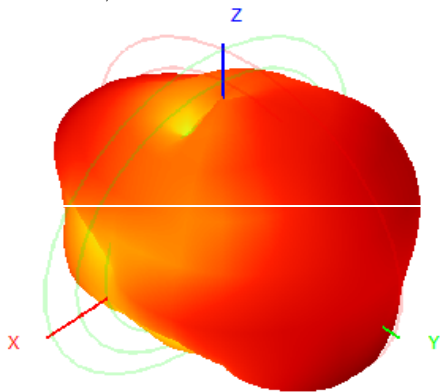
920.0MHz Total(E2-YZ), Max= 0.44dBi



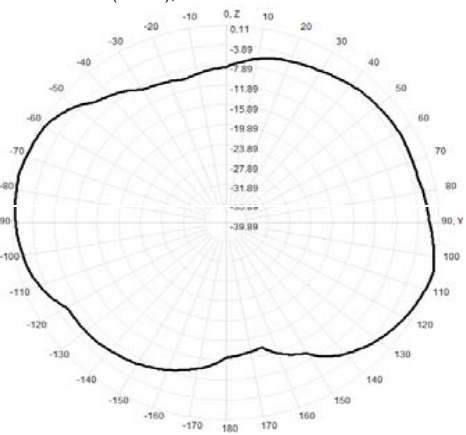
Total(H-XY), Max= 0.24dBi, CirD=14.59



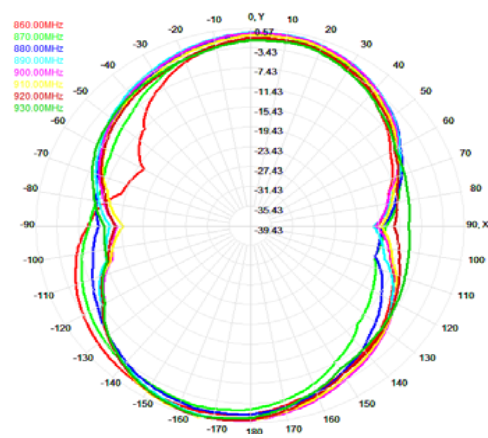
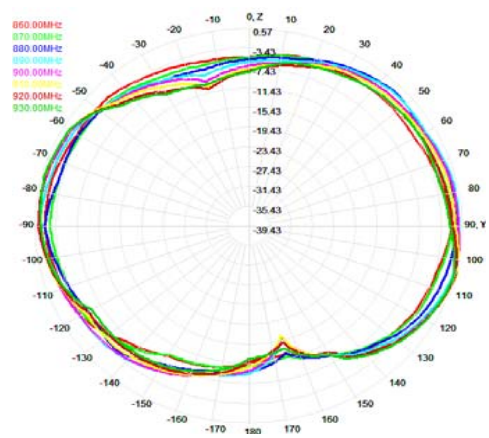
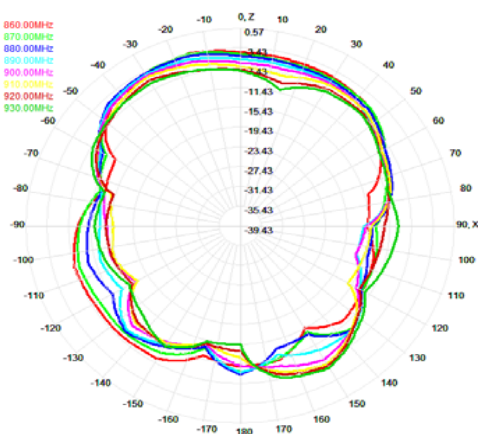
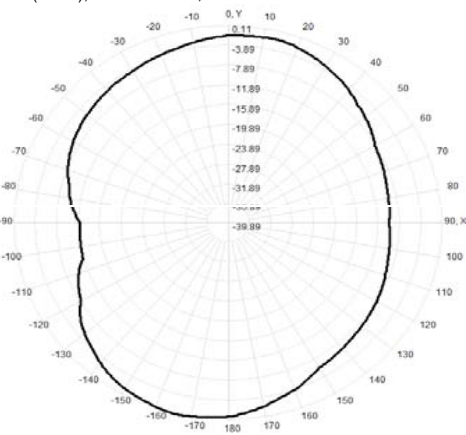
930.0MHz H+V, Eff: 28.3%



930.0MHz Total(E2-YZ), Max= 0.11dBi



Total(H-XY), Max= 0.09dBi, CirD=12.34



Lora Antenna

dimension:10mm*29.4mm

