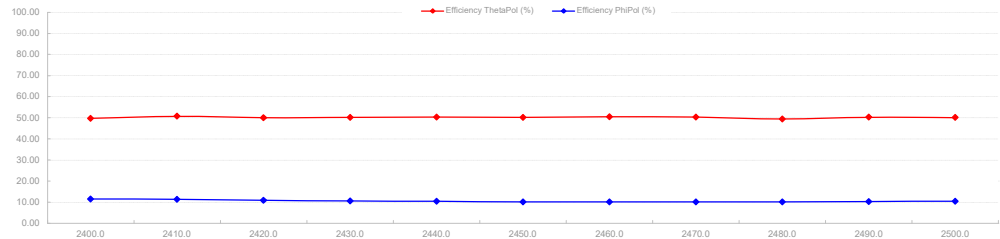
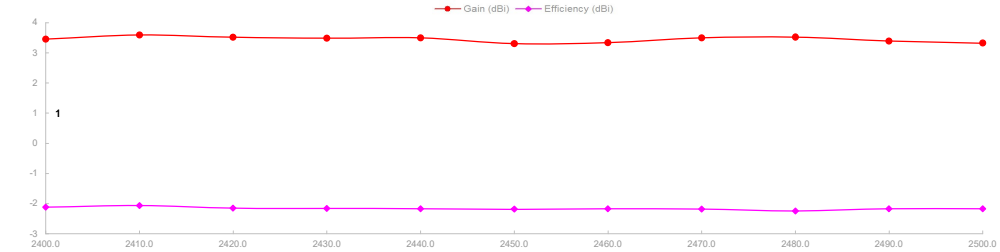
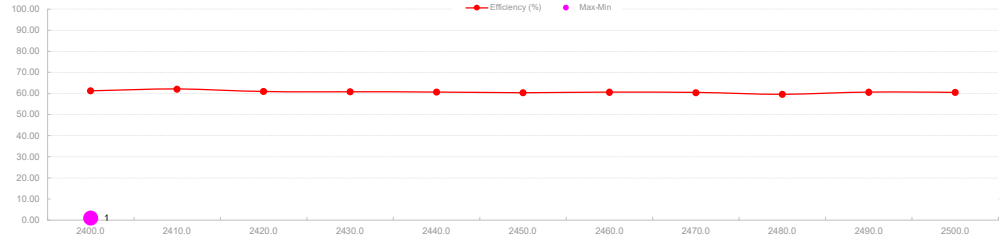
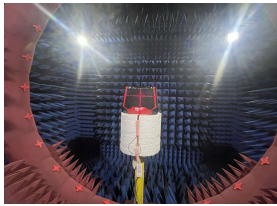
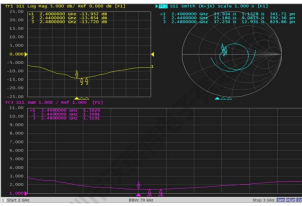


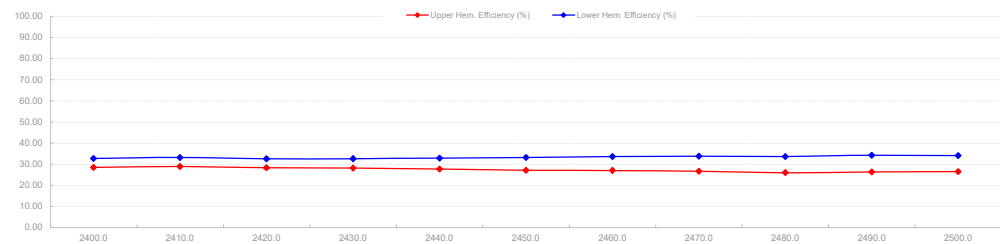
1. Antenna name (model): 136-BM3512-10A
2. Wave lobe diagram: See the attached table.
3. Antenna gain: 3.5dBi
4. Manufacturer's name and address:
Shenzhen World Elite Electronic Co. LTD.
Add:Xiangyuer Industrial Park, No. 8, Longsheng Road, Longgang Street, Longgang District,
Shenzhen, Guangdong, China.
5. Antenna size: 38*24mm

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
Efficiency (dBi)	-2.12	-2.06	-2.15	-2.16	-2.17	-2.19	-2.17	-2.18	-2.24	-2.17	-2.18
Gain (dBi)	3.46	3.59	3.52	3.49	3.50	3.31	3.34	3.50	3.52	3.39	3.32
Efficiency (%)	61.36	62.16	60.94	60.83	60.70	60.40	60.66	60.47	59.67	60.63	60.60
Directivity (dB)	5.58	5.66	5.67	5.64	5.67	5.50	5.51	5.68	5.77	5.57	5.50
Peak Gain Position (Theta)	135.00	135.00	135.00	90.00	90.00	90.00	135.00	135.00	135.00	135.00	90.00
Peak Gain Position (Phi)	105.00	105.00	105.00	45.00	105.00	105.00	105.00	105.00	105.00	105.00	45.00
Efficiency ThetaPol (%)	49.79	50.75	50.07	50.24	50.29	50.24	50.50	50.29	49.49	50.27	50.14
Efficiency PhiPol (%)	11.57	11.42	10.88	10.59	10.40	10.16	10.16	10.17	10.18	10.37	10.46
Upper Hem. Efficiency (%)	28.57	28.90	28.36	28.19	27.76	27.20	27.04	26.68	25.98	26.35	26.54
Lower Hem. Efficiency (%)	32.79	33.26	32.59	32.63	32.93	33.20	33.62	33.79	33.69	34.28	34.06

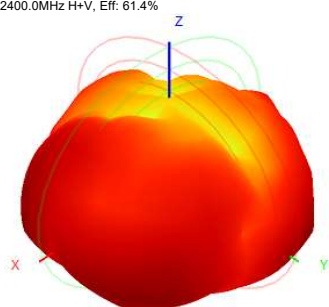
T90(H)角度	10.42	10.79	10.89	11.03	10.91	10.35	10.13	10.15	10.20	10.14	10.06
Gain 15deg (dBi)											
E1(XZ)波瓣宽度	85.00	87.00	88.00	86.00	78.00	56.00	54.00	51.00	47.00	44.00	49.00
E1(XZ)前后比	6.69	6.28	6.15	6.45	6.70	6.24	5.68	5.22	5.06	5.15	5.39
E2(YZ)波瓣宽度	78.00	77.00	78.00	78.00	69.00	66.00	65.00	63.00	60.00	58.00	29.00
E2(YZ)前后比	2.03	2.35	2.41	2.64	3.20	3.38	3.24	3.47	3.57	3.46	3.59
最大增益处轴比(P)	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50
仰角10度最差(大)轴比(P)	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50
Hc(XY)波瓣宽度	104.00	104.00	103.00	102.00	48.00	49.00	109.00	107.00	105.00	105.00	106.00
Hc(XY)前后比	4.54	4.78	5.09	4.95	4.53	3.94	3.84	4.09	4.12	3.90	3.74

Empty

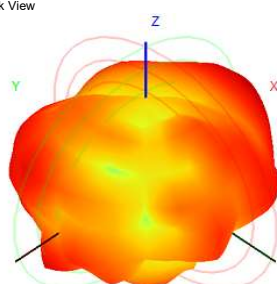




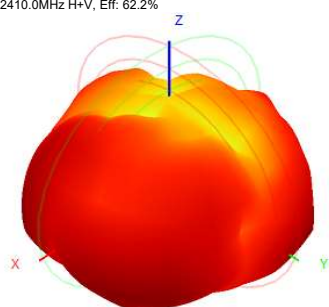
2400.0MHz H+V, Eff: 61.4%



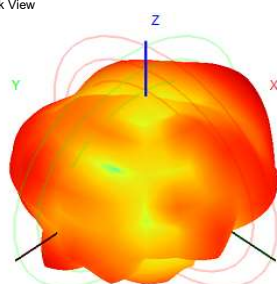
Back View



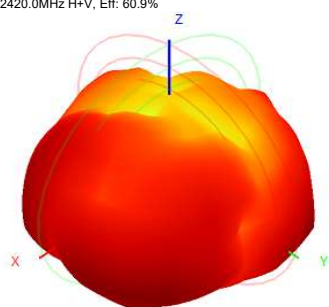
2410.0MHz H+V, Eff: 62.2%



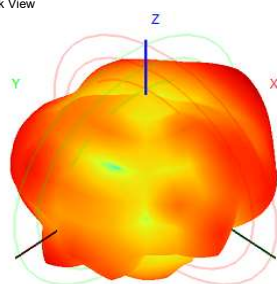
Back View



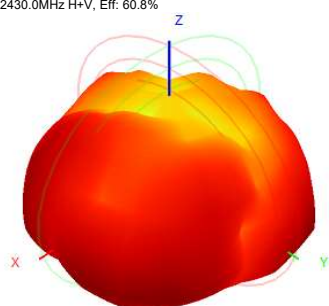
2420.0MHz H+V, Eff: 60.9%



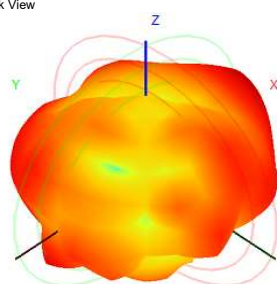
Back View



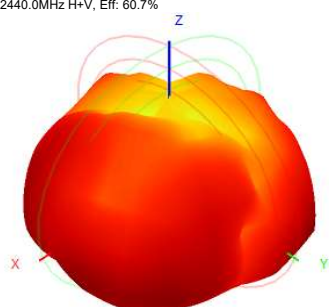
2430.0MHz H+V, Eff: 60.8%



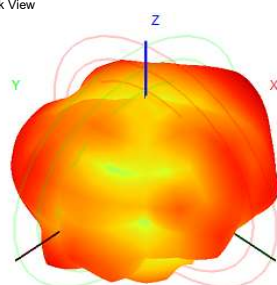
Back View



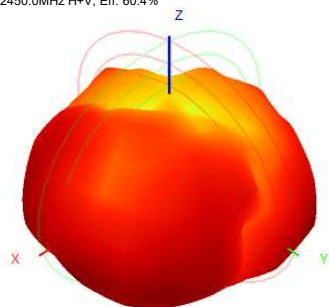
2440.0MHz H+V, Eff: 60.7%



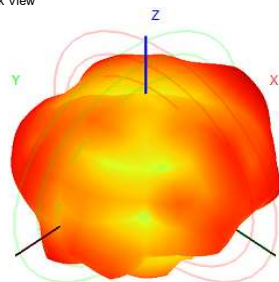
Back View



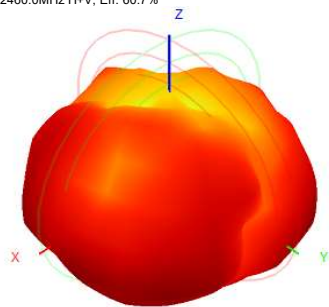
2450.0MHz H+V, Eff: 60.4%



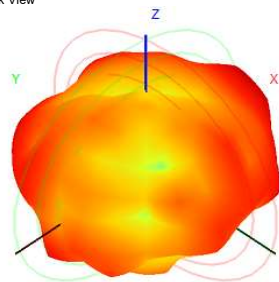
Back View



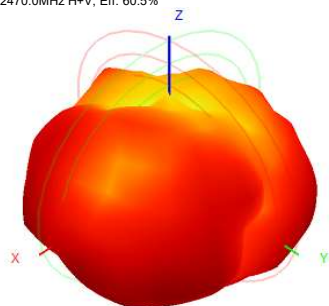
2460.0MHz H+V, Eff: 60.7%



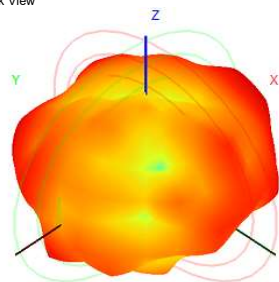
Back View



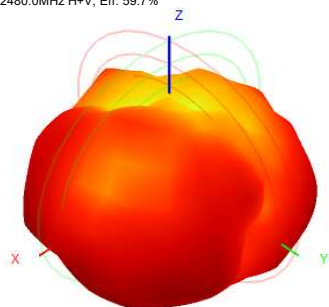
2470.0MHz H+V, Eff: 60.5%



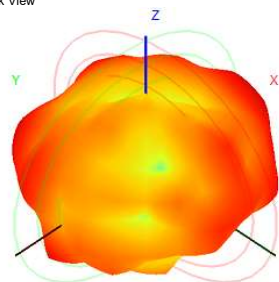
Back View



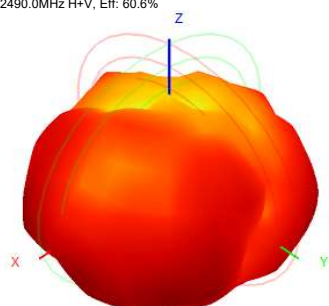
2480.0MHz H+V, Eff: 59.7%



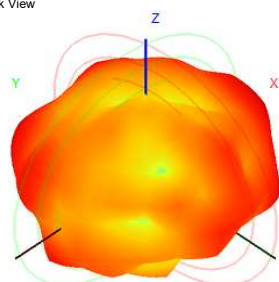
Back View



2490.0MHz H+V, Eff: 60.6%



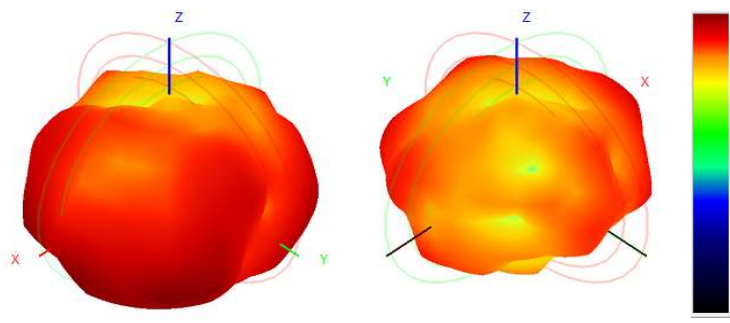
Back View

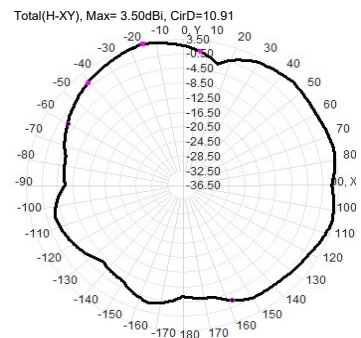
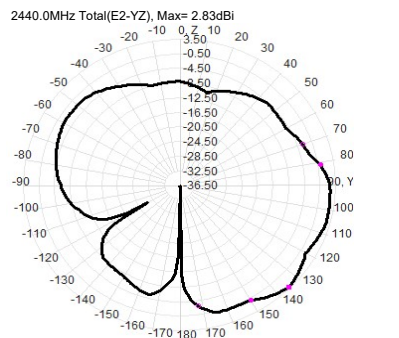
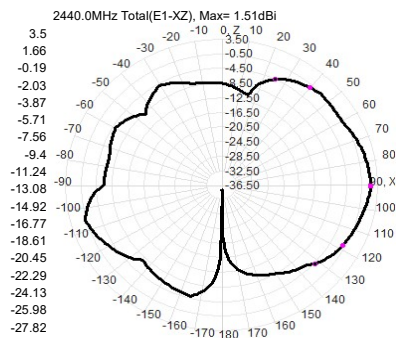
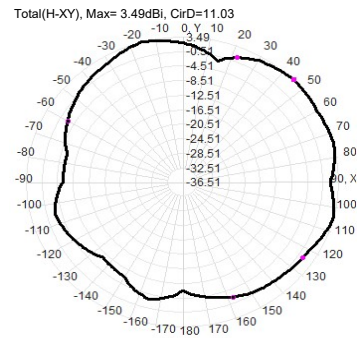
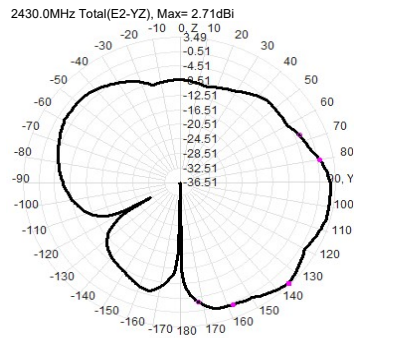
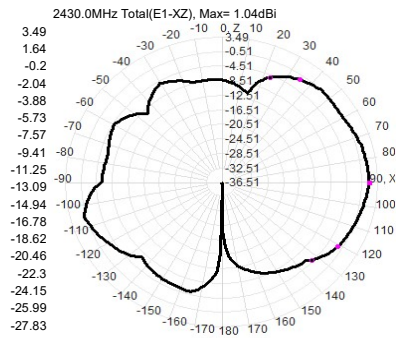
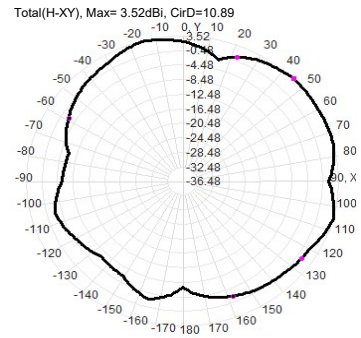
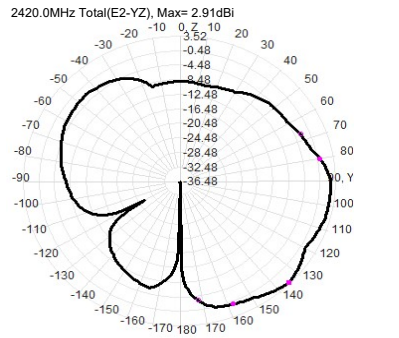
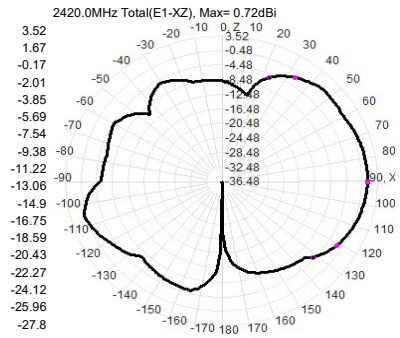
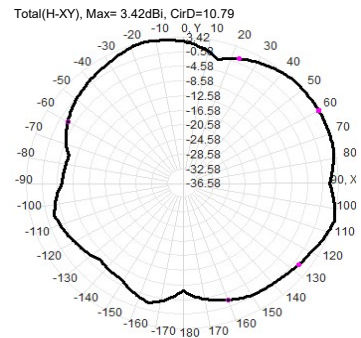
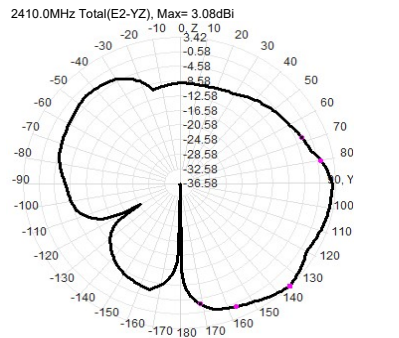
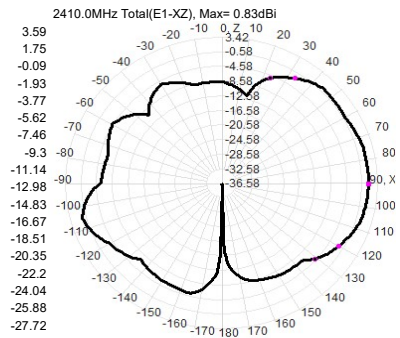
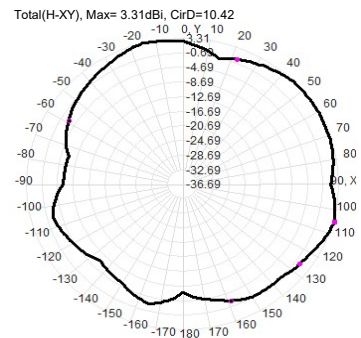
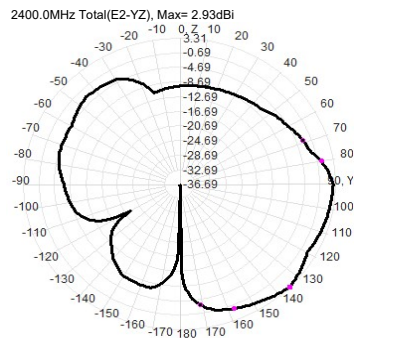
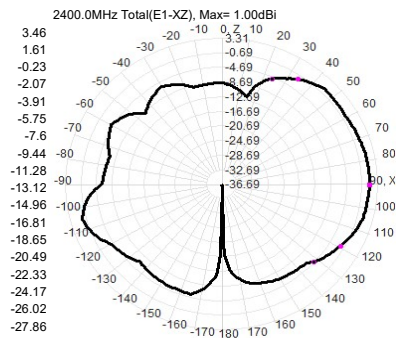


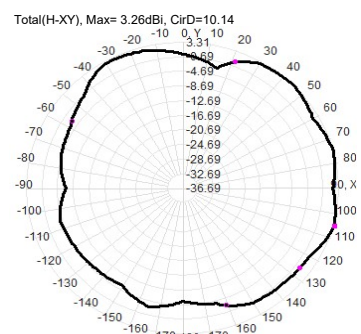
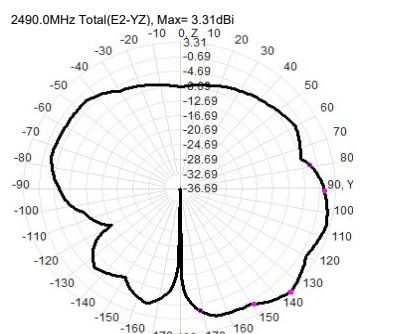
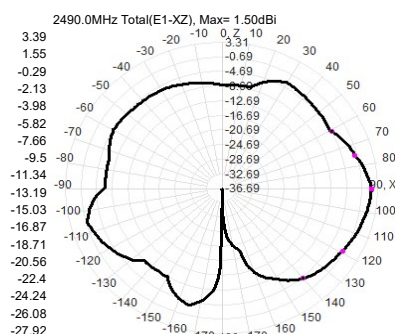
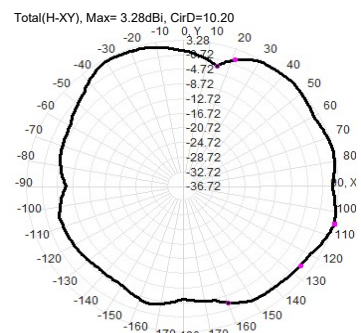
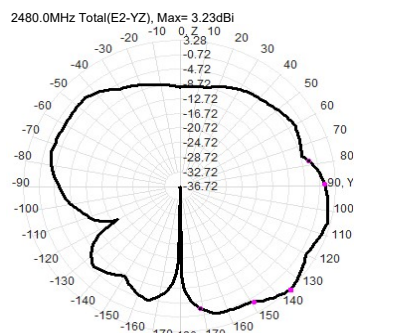
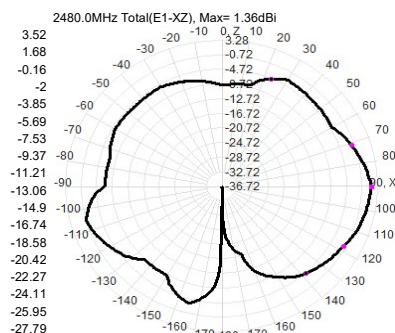
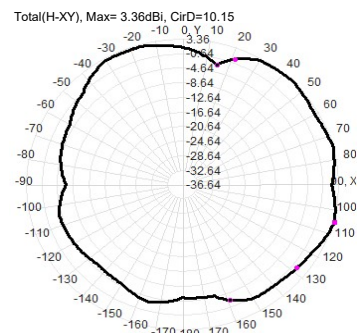
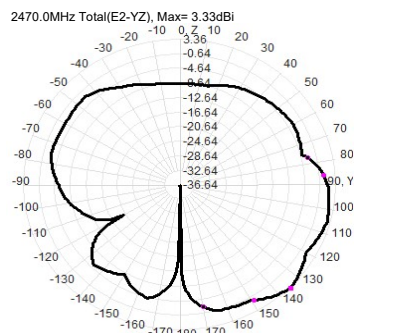
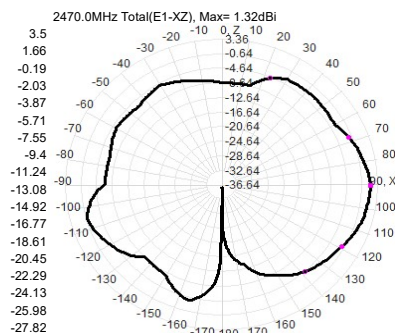
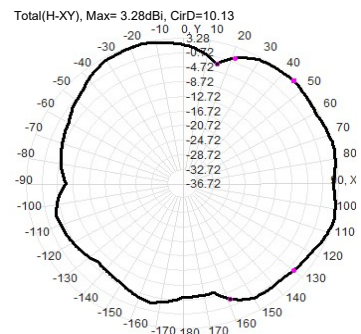
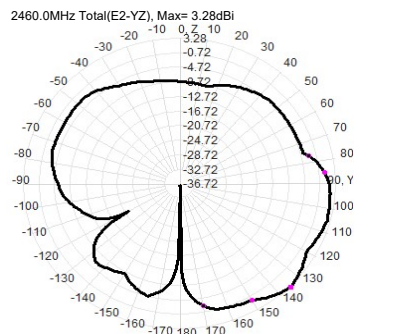
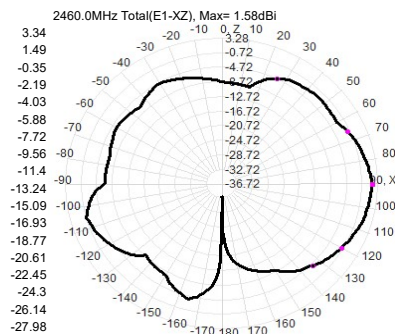
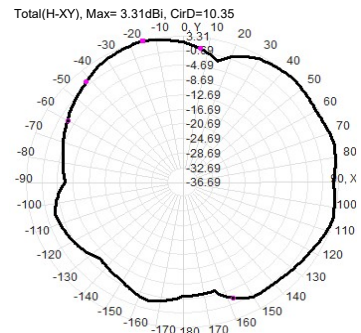
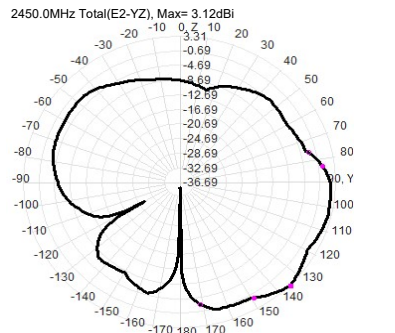
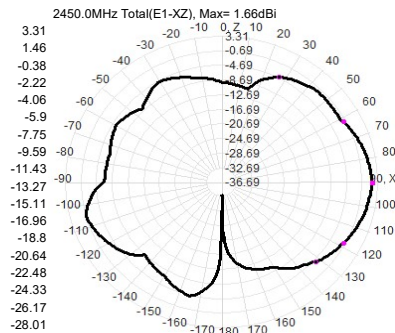
2500.0MHz H+V, Eff: 60.6%

Back View









2500.0MHz Total(E1-XZ), Max= 1.38dBi

2500.0MHz Total(E2-YZ), Max= 3.26dBi

Total(H-XY), Max= 3.32dBi, CirD=10.06

