qualification	QG2458C-1	
Frequency Range	2400-2500	5150-5850
Polarization	linear polarization	
Antenna Gain	Refer to Table 2	
voltage	≤2	
input impedence	50	
Joint Type	take precautions against earthquakes	
Antenna Size	Φ74×20	
Wiring Type	LMR200UF Multi-core Cable	
length of lead	5	
Antenna Weight	Approximately 0.21	
Enclosure	ABS （ black ）	
Maximum Wind	35	
working	-40~75	
Storage	-55~85	
way to install	Magnetic Adhesion	

Address: H2, Xinyuanguang Industrial Base, Nanhai District, Foshan City, Guangdong Province

Table 2

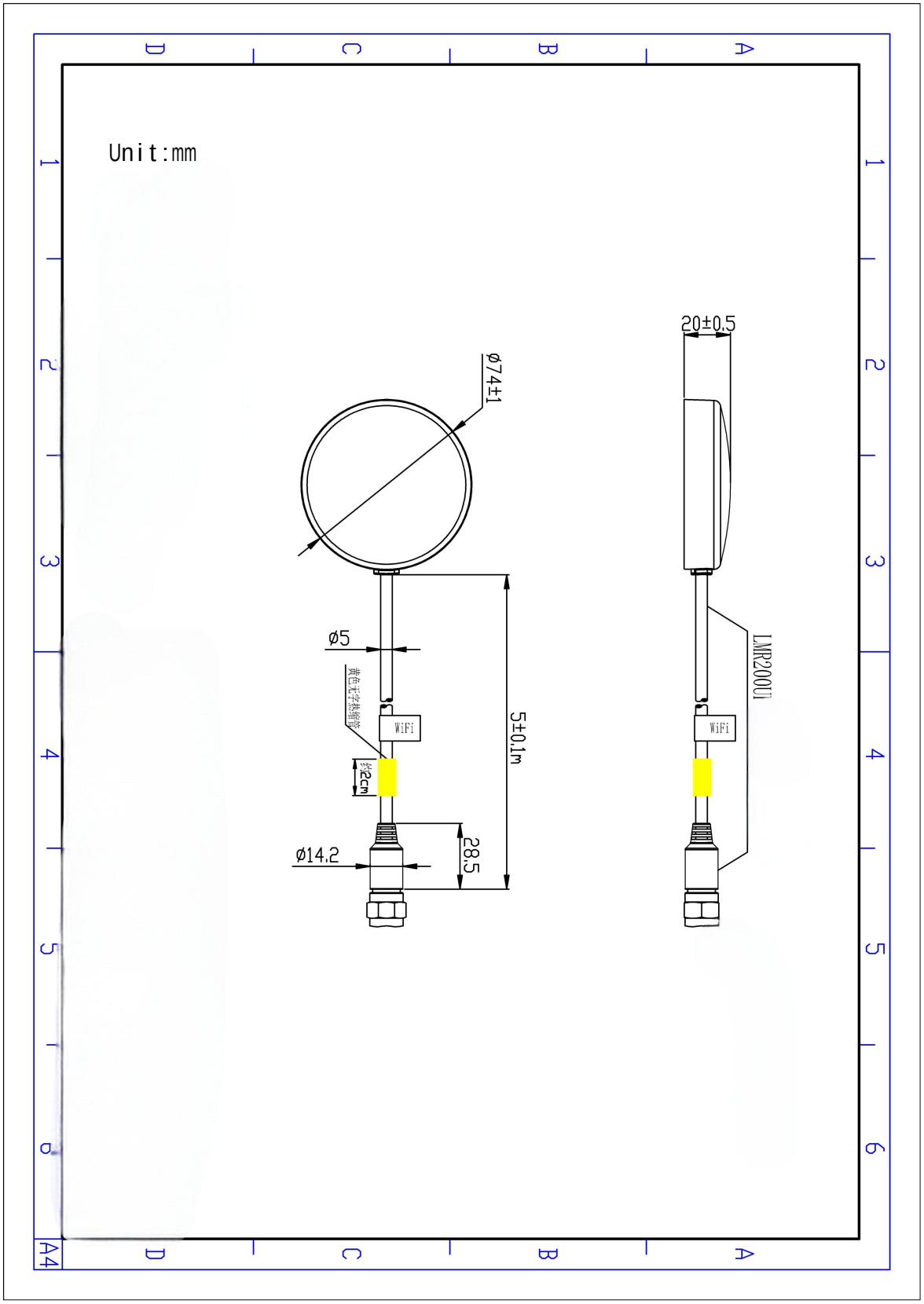
Frequency ID	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
Frequency (MHz)	2400.0	2420.0	2440.0	2460.0	2480.0	2500.0	4900.0	5000.0	5100.0	5150.0	5250.0	5350.0	5450.0	5550.0	5650.0	5750.0	5850.0
Efficiency (dBi)	-6.03	-5.27	-4.91	-4.81	-4.56	-4.29	-8.91	-8.21	-7.76	-8.16	-7.83	-8.14	-8.00	-7.74	-8.44	-8.33	-8.43
Gain (dBi)	2.32	3.05	3.43	3.42	3.68	3.78	-0.64	0.23	0.83	0.46	0.16	0.51	1.43	1.13	0.66	-0.09	-0.62
Efficiency (%)	24.95	29.68	32.30	33.05	34.99	37.23	12.86	15.10	16.74	15.26	16.47	15.35	15.86	16.84	14.33	14.70	14.36
Directivity (dB)	8.35	8.32	8.34	8.23	8.24	8.08	8.27	8.44	8.59	8.63	8.00	8.65	9.43	8.87	9.10	8.24	7.81
Peak Gain Position (Theta)	20.00	15.00	13.00	16.00	16.00	17.00	39.00	44.00	41.00	40.00	38.00	45.00	45.00	49.00	49.00	48.00	43.00
Peak Gain Position (Phi)	40.00	301.00	315.00	63.00	60.00	302.00	216.00	235.00	222.00	221.00	217.00	259.00	229.00	252.00	248.00	245.00	156.00
Efficiency ThetaPol (%)	10.21	12.37	13.92	14.26	15.27	16.40	5.35	6.17	8.05	6.72	6.96	6.43	6.57	6.69	4.94	4.89	4.97
Efficiency PhiPol (%)	14.73	17.32	18.38	18.79	19.72	20.82	7.50	8.92	8.69	8.54	9.51	8.92	9.29	10.16	9.38	9.81	9.39
Upper Hem. Efficiency (%)	23.81	28.05	30.00	30.35	31.34	32.56	12.34	13.87	15.46	14.24	15.72	14.35	14.69	15.21	12.85	13.26	13.07
Lower Hem. Efficiency (%)	1.14	1.63	2.30	2.70	3.65	4.67	0.52	1.22	1.28	1.02	0.75	1.01	1.17	1.63	1.48	1.43	1.28

Address: H2, Xinyuanguang Industrial Base, Nanhai District, Foshan City, Guangdong Province

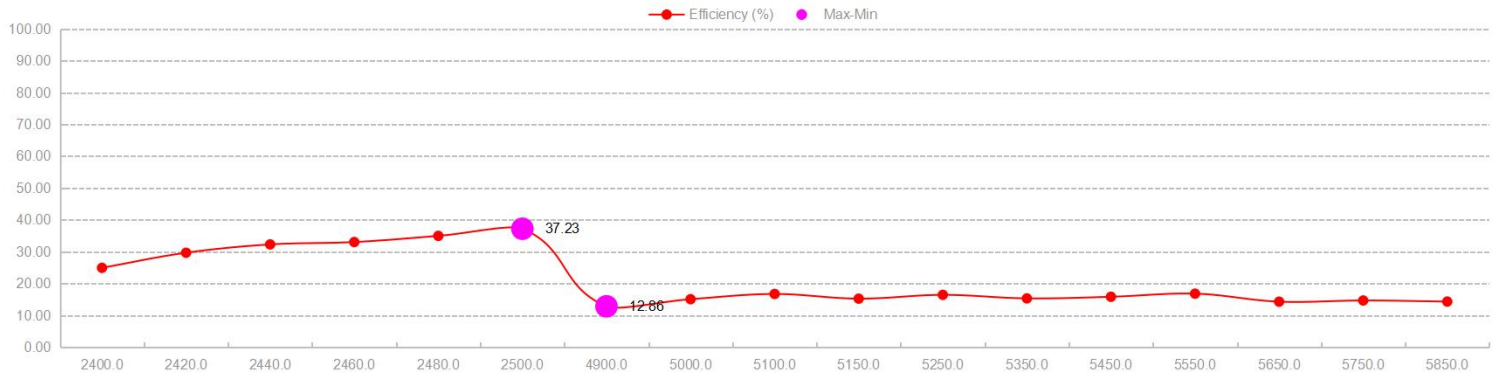
WiFi Terminal Antenna

Foshan Daibai Communication

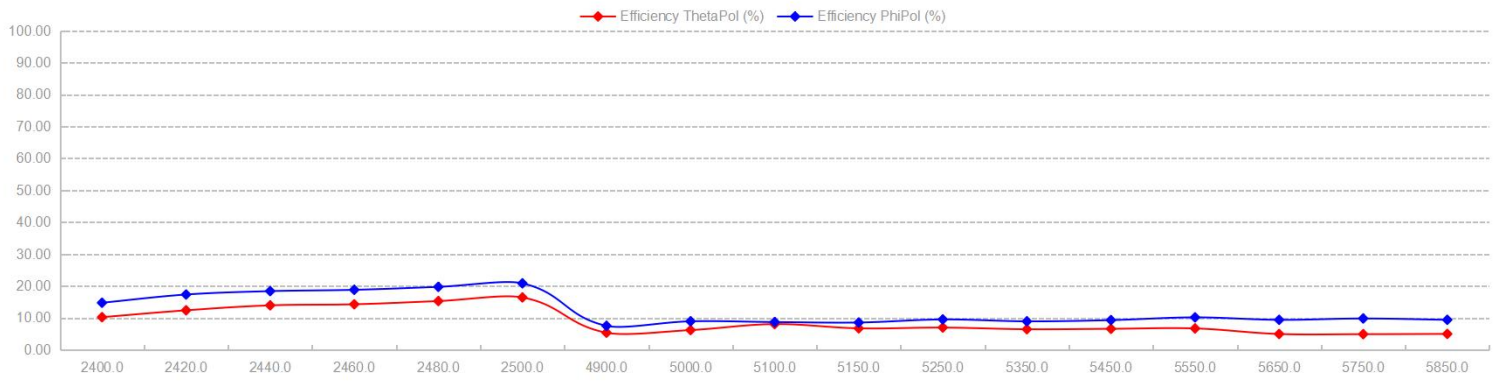
Polarization Method Linear

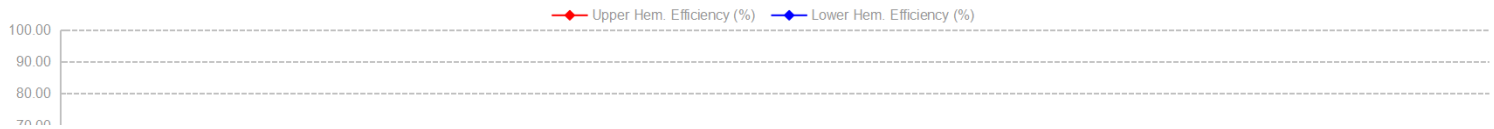


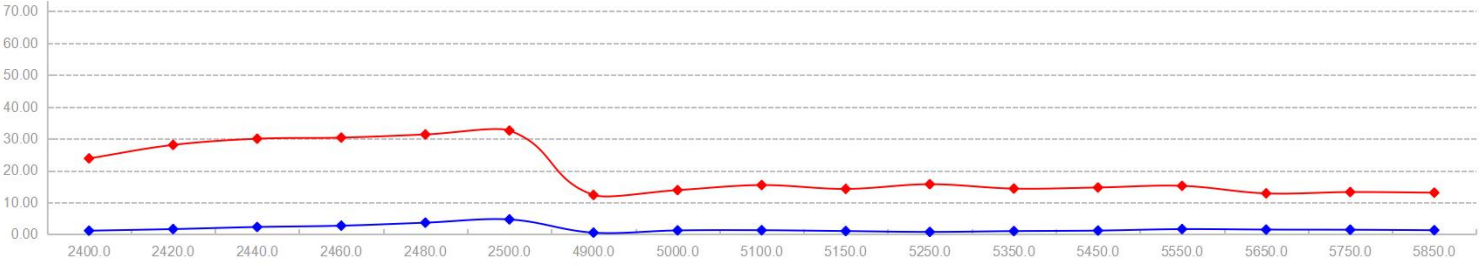
Address: H2, Xinyuanguang Industrial Base, Nanhai District, Foshan City, Guangdong Province


Efficiency (%)
Max-Min
100.00
90.00
80.00
70.00
60.00
50.00
40.00
30.00
20.00
10.00
0.00
37.23
12.86
2400.0
2420.0
2440.0
2460.0
2480.0
2500.0
4900.0
5000.0
5100.0
5150.0
5250.0
5350.0
5450.0
5550.0
5650.0
5750.0
5850.0


Gain (dBi)
Efficiency (dBi)
6.00
4.00
2.00
0.00
-2.00
-4.00
-6.00
-8.00
-10.00
3.78
-0.64
2400.0
2420.0
2440.0
2460.0
2480.0
2500.0
4900.0
5000.0
5100.0
5150.0
5250.0
5350.0
5450.0
5550.0
5650.0
5750.0
5850.0


Efficiency ThetaPol (%)
Efficiency PhiPol (%)
100.00
90.00
80.00
70.00
60.00
50.00
40.00
30.00
20.00
10.00
0.00
2400.0
2420.0
2440.0
2460.0
2480.0
2500.0
4900.0
5000.0
5100.0
5150.0
5250.0
5350.0
5450.0
5550.0
5650.0
5750.0
5850.0


Upper Hem. Efficiency (%)
Lower Hem. Efficiency (%)
100.00
90.00
80.00


70.00
60.00
50.00
40.00
30.00
20.00
10.00
0.00
2400.0
2420.0
2440.0
2460.0
2480.0
2500.0
4900.0
5000.0
5100.0
5150.0
5250.0
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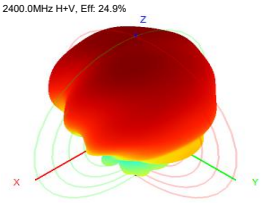
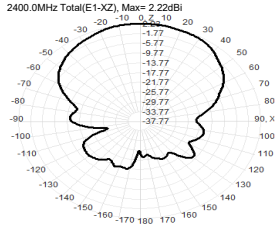
5450.0
5550.0
5650.0
5750.0
5850.0

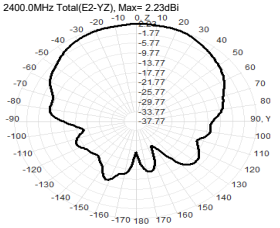
2400.0MHz H+V, Eff: 24.9%



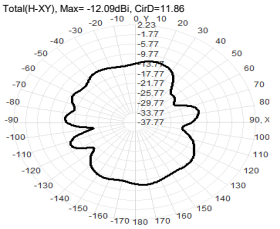
2400.0MHz Total(E1-XZ), Max= 2.22dBi



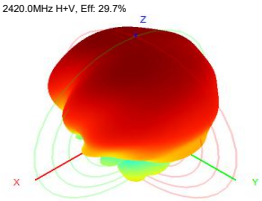
2400.0MHz Total(E2-YZ), Max= 2.23dBi



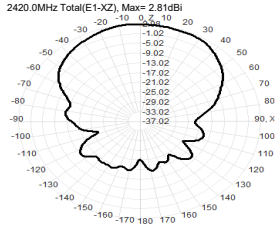
Total(H-XY), Max= -12.09dBi, CirD=11.86



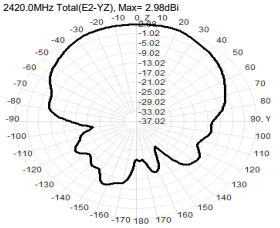
2420.0MHz H+V, Eff: 29.7%



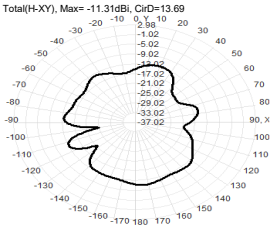
2420.0MHz Total(E1-XZ), Max= 2.81dBi



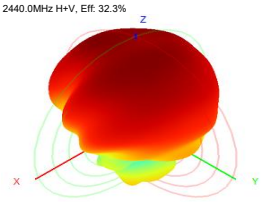
2420.0MHz Total(E2-YZ), Max= 2.98dBi



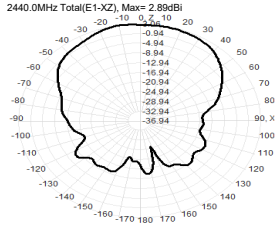
Total(H-XY), Max= -11.31dBi, CirD=13.69



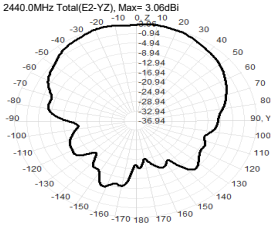
2440.0MHz H+V, Eff: 32.3%



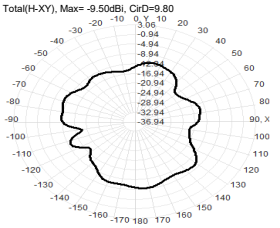
2440.0MHz Total(E1-XZ), Max= 2.89dBi



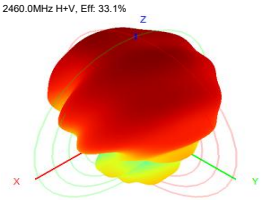
2440.0MHz Total(E2-YZ), Max= 3.06dBi



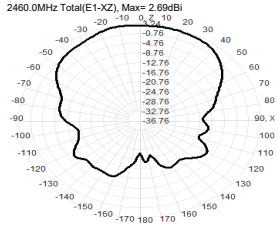
Total(H-XY), Max= -9.50dBi, CirD=9.80



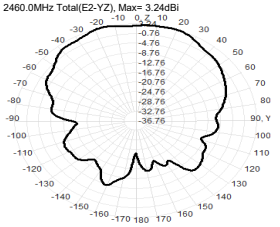
2460.0MHz H+V, Eff: 33.1%



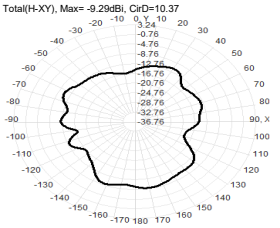
2460.0MHz Total(E1-XZ), Max= 2.69dBi



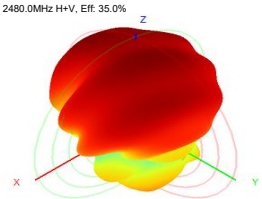
2460.0MHz Total(E2-YZ), Max= 3.24dBi



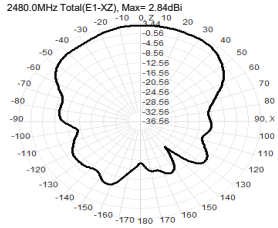
Total(H-XY), Max= -9.29dBi, CirD=10.37



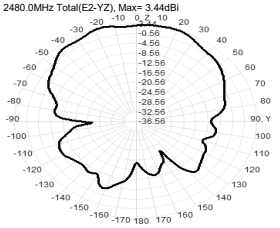
2480.0MHz H+V, Eff: 35.0%



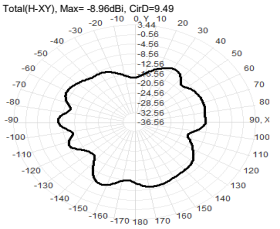
2480.0MHz Total(E1-XZ), Max= 2.84dBi



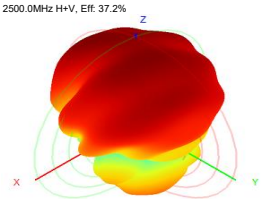
2480.0MHz Total(E2-YZ), Max= 3.44dBi



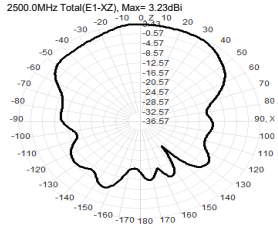
Total(H-XY), Max= -8.96dBi, CirD=9.49



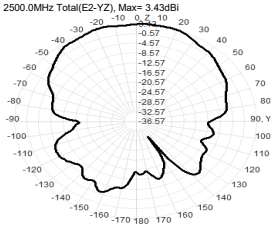
2500.0MHz H+V, Eff: 37.2%



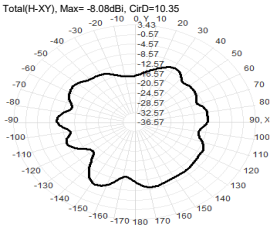
2500.0MHz Total(E1-XZ), Max= 3.23dBi



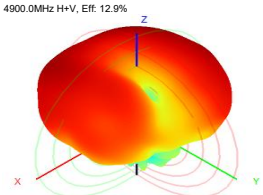
2500.0MHz Total(E2-YZ), Max= 3.43dBi



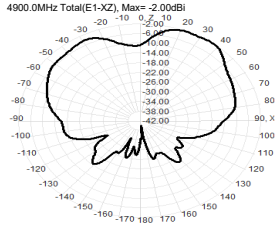
Total(H-XY), Max= -8.08dBi, CirD=10.35



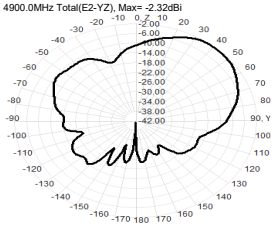
4900.0MHz H+V, Eff: 12.9%



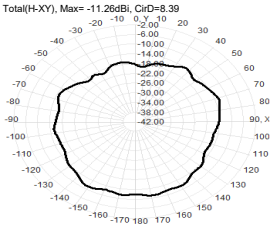
4900.0MHz Total(E1-XZ), Max= -2.00dBi



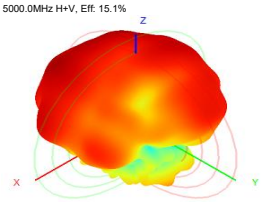
4900.0MHz Total(E2-YZ), Max= -2.32dBi



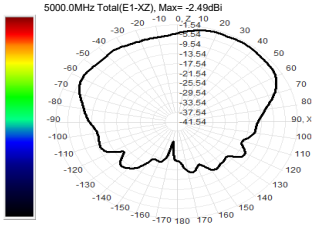
Total(H-XY), Max= -11.26dBi, CirD=8.39



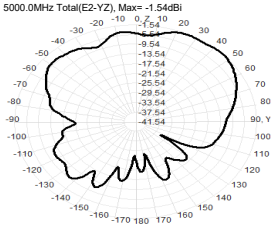
5000.0MHz H+V, Eff: 15.1%



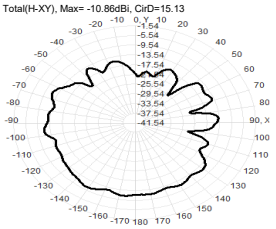
5000.0MHz Total(E1-XZ), Max= -2.49dBi



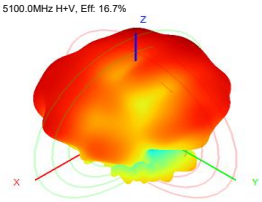
5000.0MHz Total(E2-YZ), Max= -1.54dBi



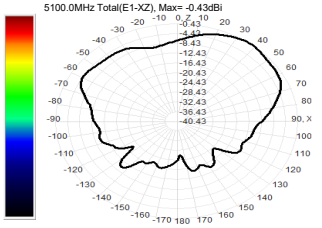
Total(H-XY), Max= -10.86dBi, CirD=15.13



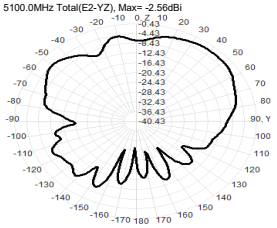
5100.0MHz H+V, Eff: 16.7%



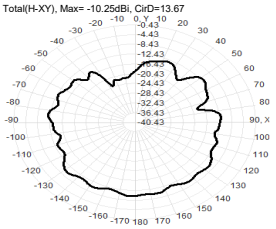
5100.0MHz Total(E1-XZ), Max= -0.43dBi



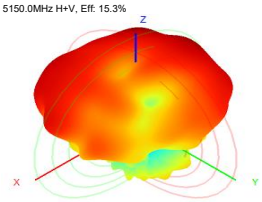
5100.0MHz Total(E2-YZ), Max= -2.56dBi



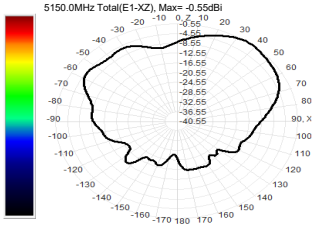
Total(H-XY), Max= -10.25dBi, CirD=13.67



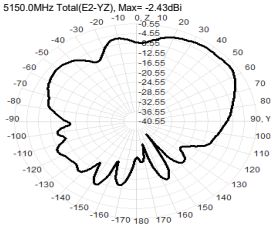
5150.0MHz H+V, Eff: 15.3%



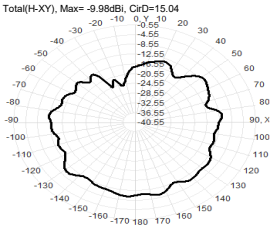
5150.0MHz Total(E1-XZ), Max= -0.55dBi



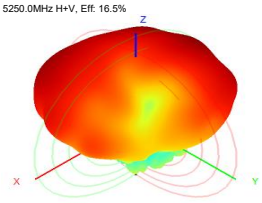
5150.0MHz Total(E2-YZ), Max= -2.43dBi



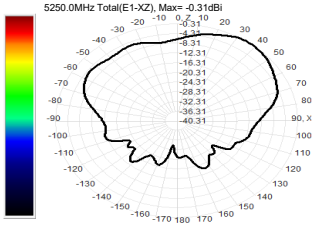
Total(H-XY), Max= -9.98dBi, CirD=15.04



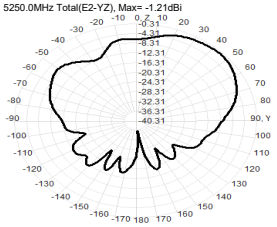
5250.0MHz H+V, Eff: 16.5%



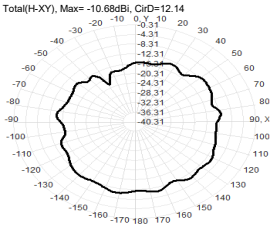
5250.0MHz Total(E1-XZ), Max= -0.31dBi



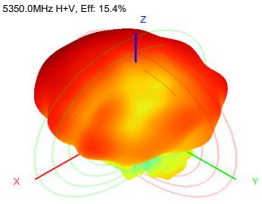
5250.0MHz Total(E2-YZ), Max= -1.21dBi



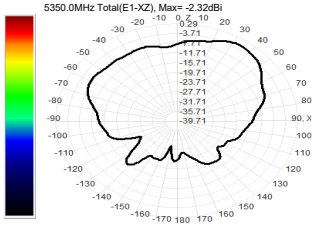
Total(H-XY), Max= -10.68dBi, CirD=12.14



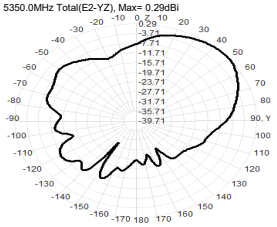
5350.0MHz H+V, Eff: 15.4%



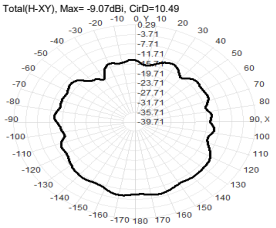
5350.0MHz Total(E1-XZ), Max= -2.32dBi



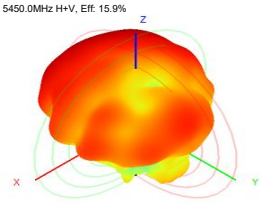
5350.0MHz Total(E2-YZ), Max= 0.29dBi



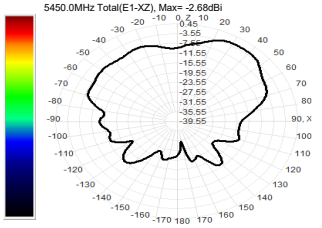
Total(H-XY), Max= -9.07dBi, CirD=10.49



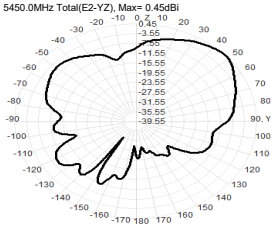
5450.0MHz H+V, Eff: 15.9%



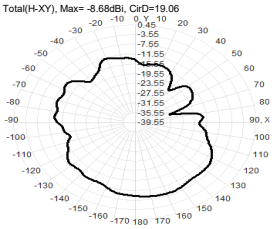
5450.0MHz Total(E1-XZ), Max= -2.68dBi



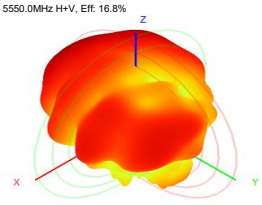
5450.0MHz Total(E2-YZ), Max= 0.45dBi



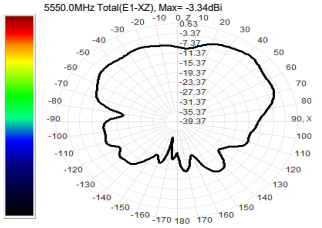
Total(H-XY), Max= -8.68dBi, CirD=19.06



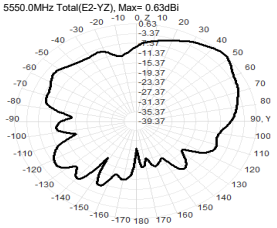
5550.0MHz H+V, Eff: 16.8%



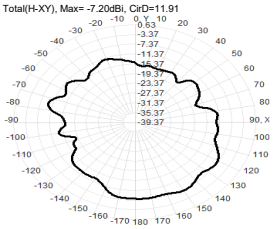
5550.0MHz Total(E1-XZ), Max= -3.34dBi



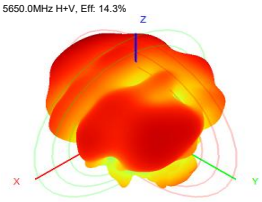
5550.0MHz Total(E2-YZ), Max= 0.63dBi



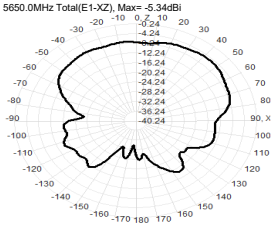
Total(H-XY), Max= -7.20dBi, CirD=11.91



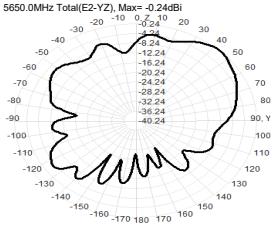
5650.0MHz H+V, Eff: 14.3%



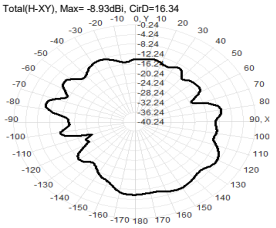
5650.0MHz Total(E1-XZ), Max= -5.34dBi



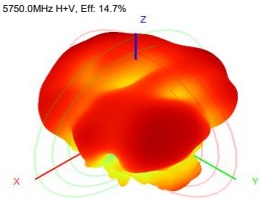
5650.0MHz Total(E2-YZ), Max= -0.24dBi



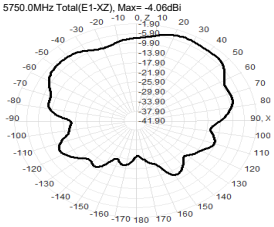
Total(H-XY), Max= -8.93dBi, CirD=16.34



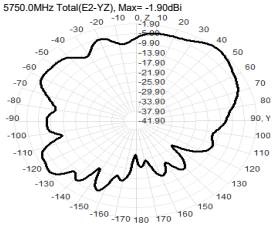
5750.0MHz H+V, Eff: 14.7%



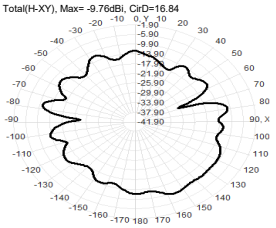
5750.0MHz Total(E1-XZ), Max= -4.06dBi



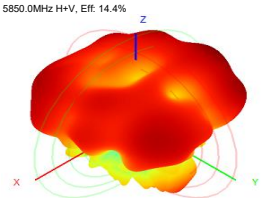
5750.0MHz Total(E2-YZ), Max= -1.90dBi



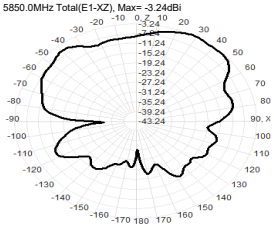
Total(H-XY), Max= -9.76dBi, CirD=16.84



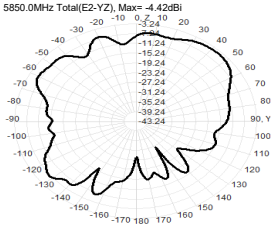
5850.0MHz H+V, Eff: 14.4%



5850.0MHz Total(E1-XZ), Max= -3.24dBi



5850.0MHz Total(E2-YZ), Max= -4.42dBi



Total(H-XY), Max= -10.69dBi, CirD=18.60