

Inverted F Antenna Specification

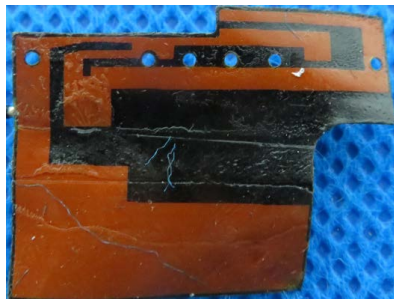
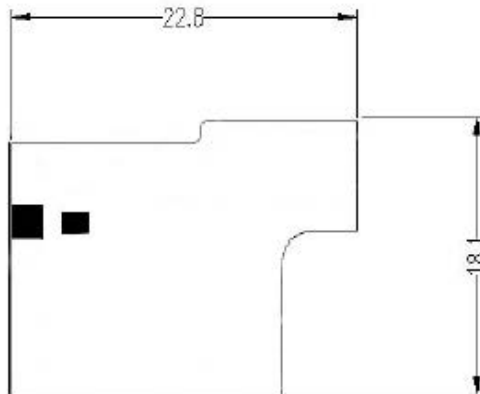
Company name: Shenzhen One Plus One Wireless Communication Technology Co., Ltd

Address: 7th Floor, Building B1, Jinchi Industrial Park, Hangcheng Street, Bao'an District, Shenzhen

Summary

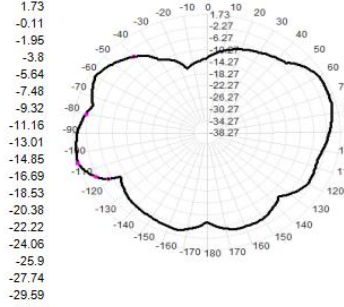
Frequency ID	1	2	3	4	5	6	7	8	9	10	11
Frequency (MHz)	2400	2410	2420	2430	2440	2450	2460	2470	2480	2490	2500
Efficiency (dBi)	-2.40	-2.78	-1.94	-2.49	-2.09	-2.69	-2.26	-2.79	-2.46	-3.04	-1.75
Gain (dBi)	1.73	1.42	2.10	1.65	1.93	1.44	1.59	0.93	1.12	0.70	1.85
Efficiency (%)	57.56	52.72	64.02	56.32	61.75	53.83	59.45	52.65	56.76	49.69	66.78
Directivity (dB)	4.13	4.20	4.04	4.23	4.10	4.25	4.14	4.00	3.70	3.97	3.61
Peak Gain Position (Theta)	90.00	90.00	90.00	75.00	75.00	60.00	60.00	60.00	75.00	75.00	75.00
Peak Gain Position (Phi)	45.00	45.00	45.00	255.00	255.00	135.00	135.00	135.00	255.00	255.00	255.00
Efficiency ThetaPol (%)	52.87	47.73	59.76	52.04	57.94	50.03	55.96	49.25	53.78	46.45	63.42
Efficiency PhiPol (%)	4.68	4.99	4.26	4.28	3.81	3.80	3.49	3.40	2.97	3.24	3.36
Upper Hem. Efficiency (%)	30.98	30.13	36.19	32.85	36.50	31.70	34.35	29.64	30.79	29.34	38.17
Lower Hem. Efficiency (%)	26.57	22.59	27.83	23.47	25.25	22.13	25.11	23.02	25.97	20.35	28.60

Antenna Photo & Length (mm)

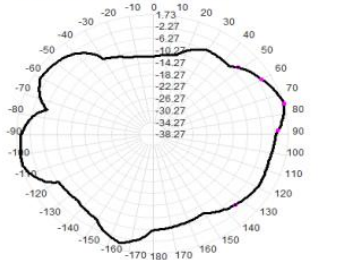




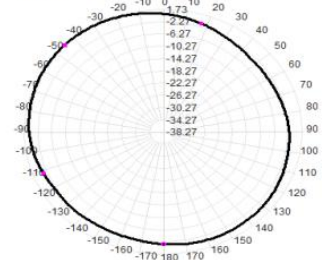
2400.0MHz Total(E1-XZ), Max= 1.43dBi



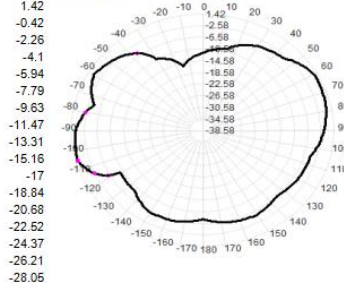
2400.0MHz Total(E2-YZ), Max= 1.60dBi



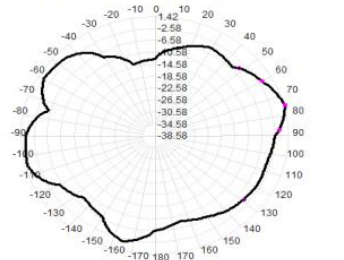
Total(H-XY), Max= 1.73dBi, CirD=5.43



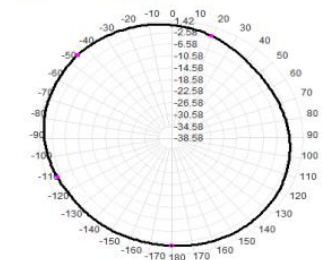
2410.0MHz Total(E1-XZ), Max= 0.71dBi



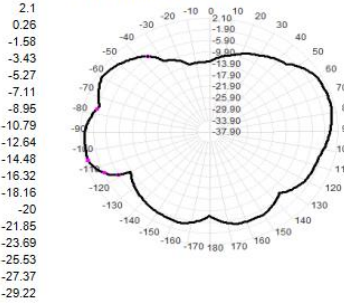
2410.0MHz Total(E2-YZ), Max= 1.39dBi



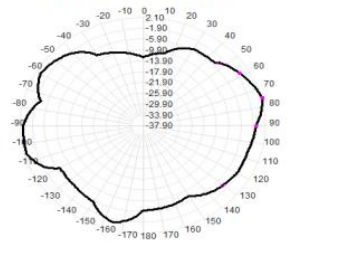
Total(H-XY), Max= 1.42dBi, CirD=5.81



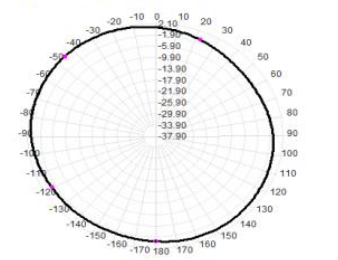
2420.0MHz Total(E1-XZ), Max= 1.10dBi



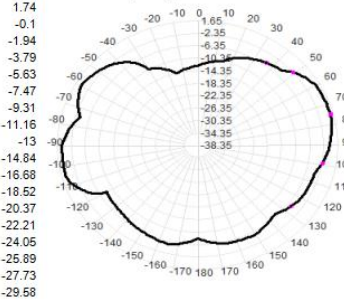
2420.0MHz Total(E2-YZ), Max= 2.05dBi



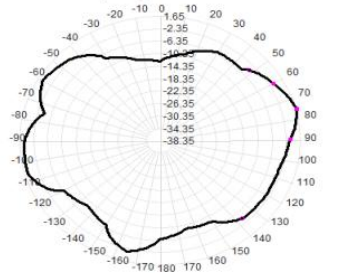
Total(H-XY), Max= 2.10dBi, CirD=4.95



2430.0MHz Total(E1-XZ), Max= 0.61dBi



2430.0MHz Total(E2-YZ), Max= 1.65dBi



Total(H-XY), Max= 1.41dBi, CirD=4.88

