## **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)











