

Antenna Specifications

Manufacture's name: Shenzhen Chenxin Micro Technology Co., Ltd.
Address: Baoan Avenue, Xinhe Community, Fuhai Subdistrict, Baoan District,
Shenzhen

Specifications: FPC Antenna/2.4G-WiFi/3dBi/50ohm/FPC37.2*6.2mm/RF1.13mm
Black coaxial cable L=75mm+IpeX1

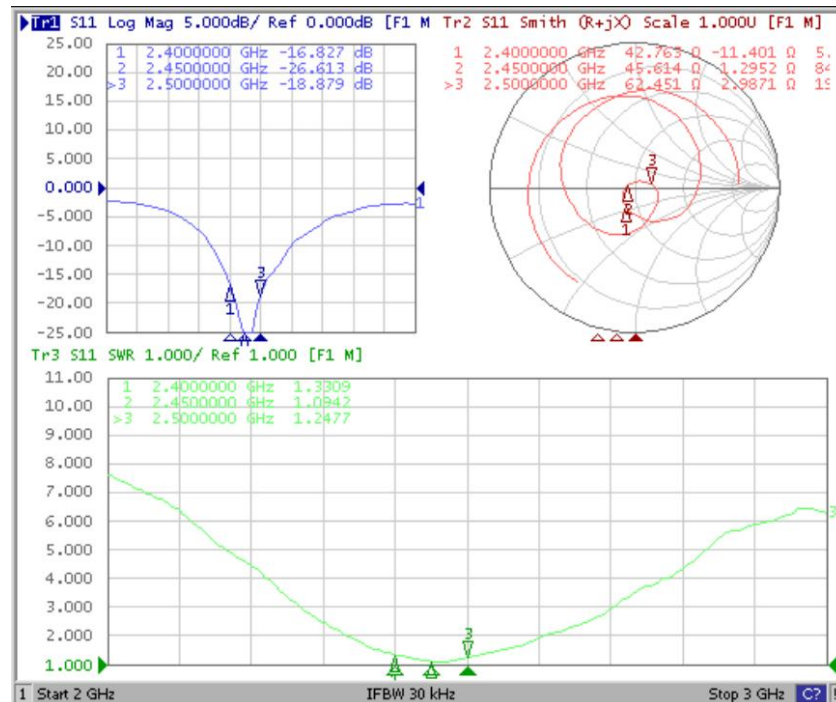
Model: WF30A-75

4、Product drawings

[illegible]

5、Passive performance test parameters

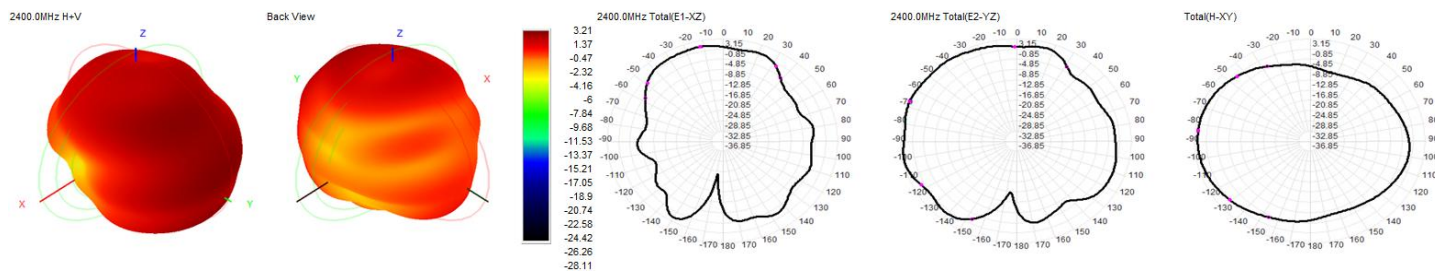
S11



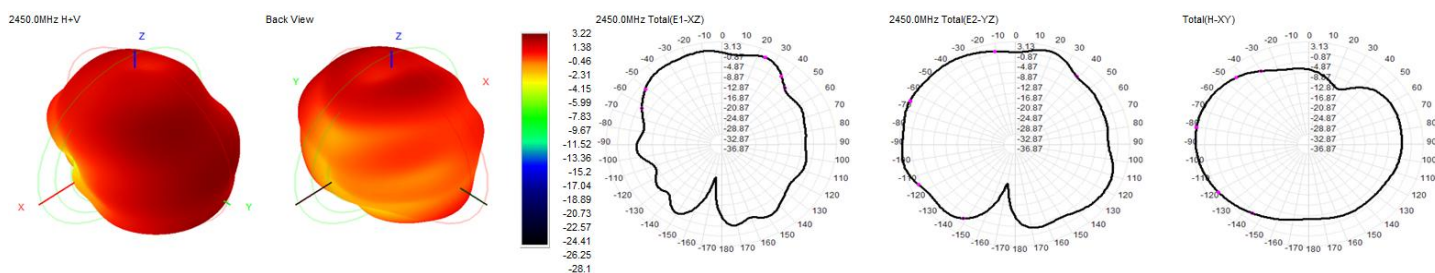
Fre(GHz)	2.4	2.45	2.5
ReturnLoss	-16.82	-26.61	-18.87
VSWR	1.33	1.09	1.24

Efficiency, gain, radiation pattern

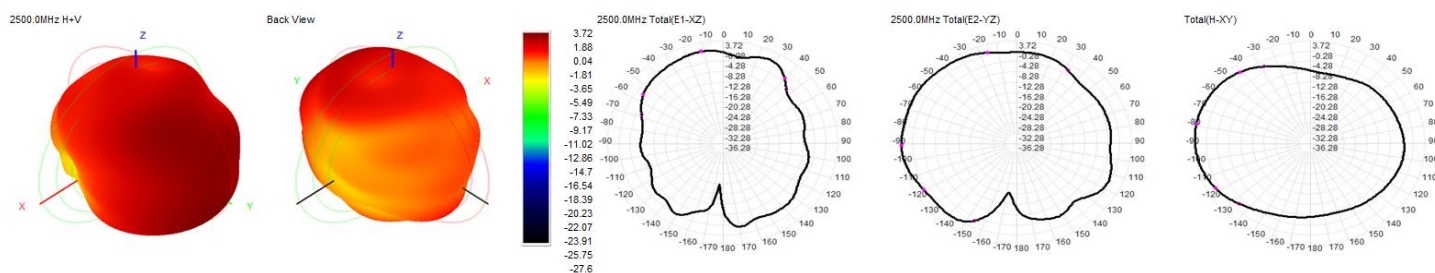
											
Frequency ID	1	2	3	4	5	6	7	8	9	10	11
Frequency (MHz)	2400.0	2410.0	2420.0	2430.0	2440.0	2450.0	2460.0	2470.0	2480.0	2490.0	2500.0
Efficiency (dBi)	-2.13	-2.45	-2.04	-2.48	-2.12	-2.33	-1.90	-2.25	-2.01	-2.35	-1.88
Gain (dBi)	3.21	2.91	3.32	2.94	3.37	3.22	3.63	3.24	3.36	3.10	3.72
Efficiency (%)	61.17	56.94	62.54	56.55	61.40	58.53	64.52	59.54	62.97	58.19	64.85
Directivity (dB)	5.35	5.36	5.36	5.41	5.49	5.55	5.54	5.49	5.36	5.45	5.60
Peak Gain Position (Theta)	68.00	68.00	68.00	67.00	67.00	66.00	66.00	65.00	64.00	91.00	90.00
Peak Gain Position (Phi)	85.00	85.00	85.00	84.00	83.00	83.00	83.00	84.00	85.00	79.00	79.00
Efficiency ThetaPol (%)	15.72	14.10	15.34	13.79	14.54	13.45	14.47	13.29	14.70	14.16	15.38
Efficiency PhiPol (%)	45.45	42.84	47.20	42.76	46.86	45.08	50.05	46.25	48.27	44.03	49.47
Upper Hem. Efficiency (%)	36.83	34.29	37.98	34.87	38.47	37.06	40.85	37.32	38.85	35.23	38.64
Lower Hem. Efficiency (%)	24.33	22.65	24.56	21.68	22.93	21.47	23.67	22.22	24.12	22.95	26.21



2. 4GHz



2. 45GHz



2. 5GHz