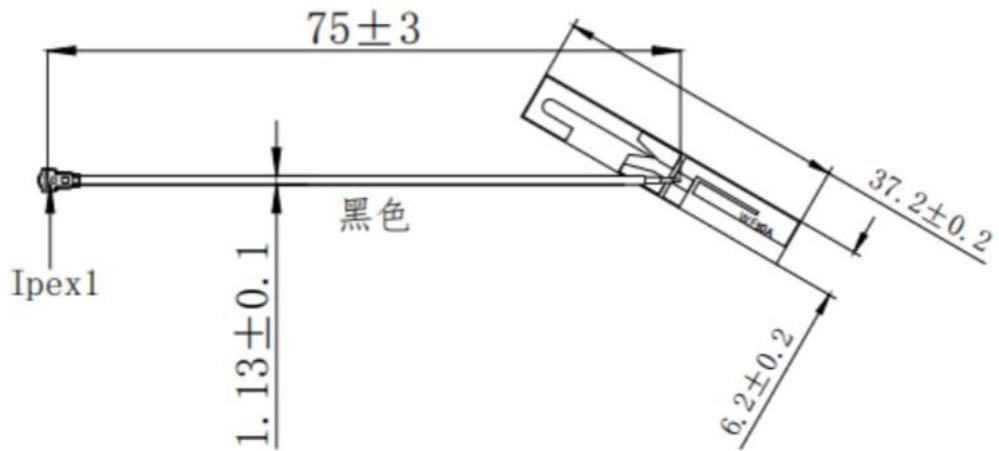


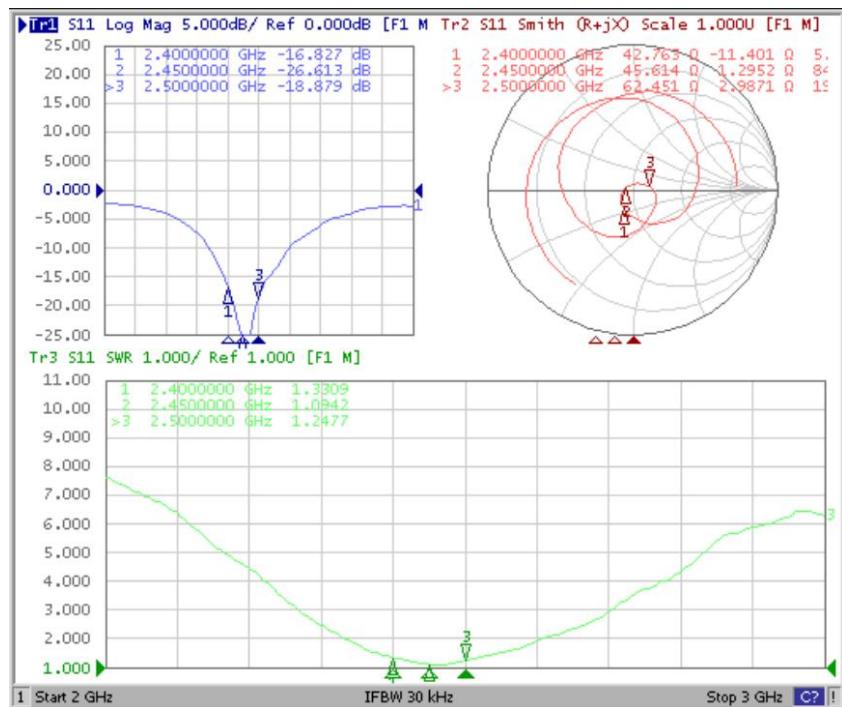
Antenna specification sheet

Company: Shenzhen Chenxin Micro Technology Co., Ltd
Address: 512, No. 6095-2 Bao'an Avenue, Xinhe Community, Fuhai Street,
Bao'an District, Shenzhen
model:WF30A-75

1. Product drawings:



2. Performance testing parameters



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

3. Efficiency, gain, and directional graph



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

