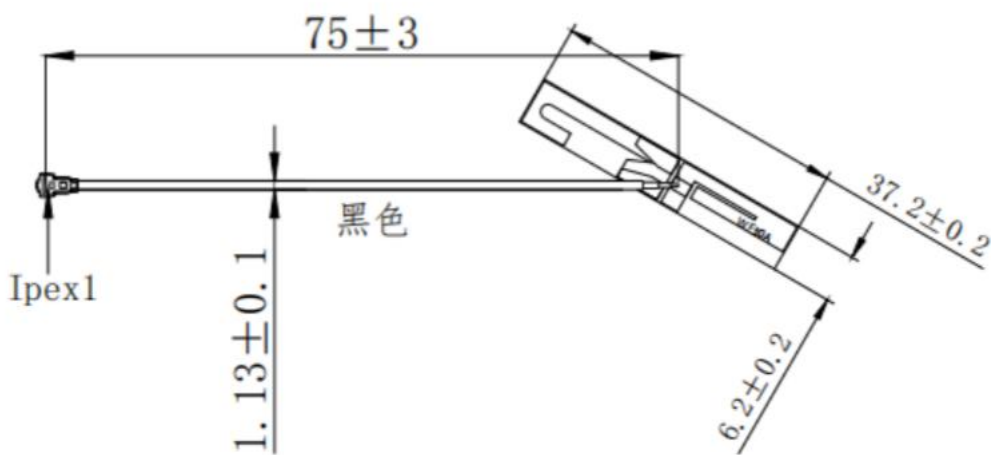


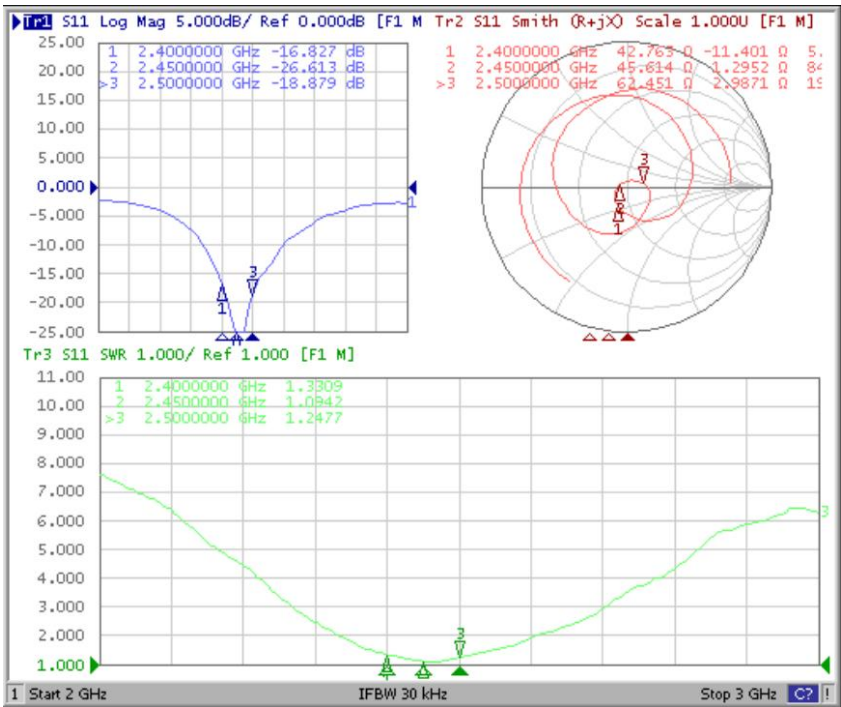
# Antenna specification sheet

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
Reeturn 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

