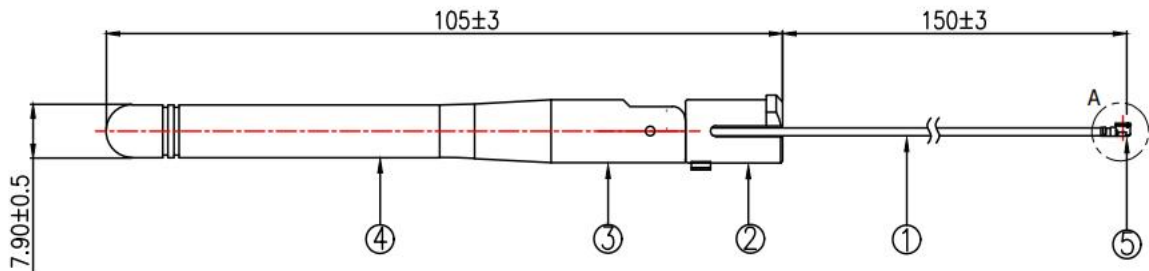
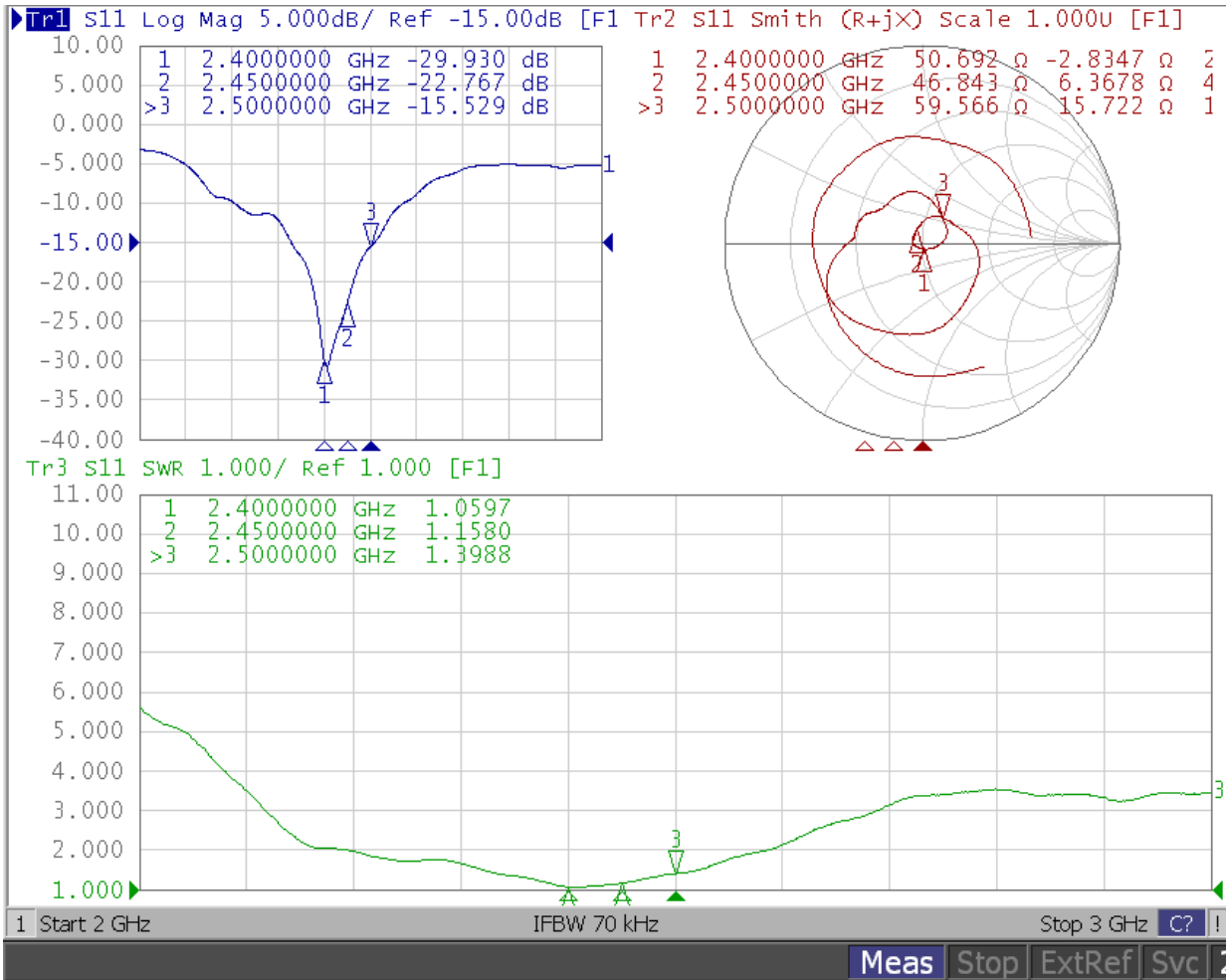
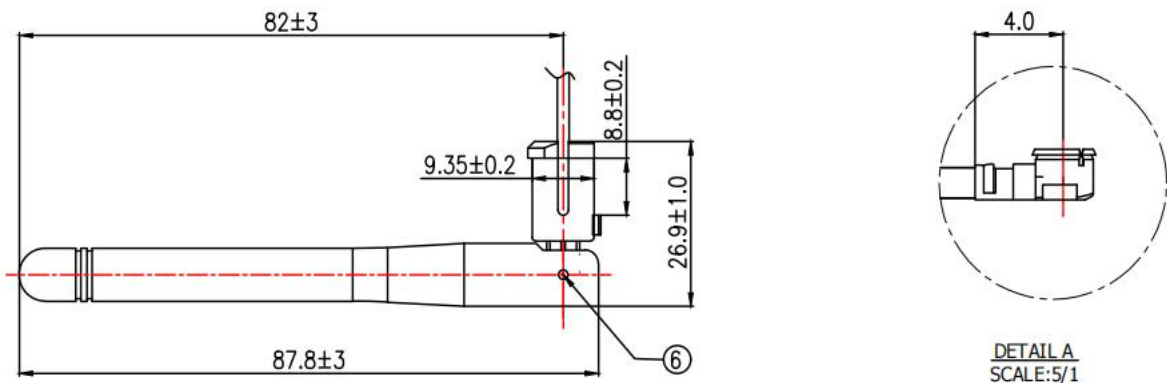


# Antenna specification

**Manufacturer:** Dongguan Zhuoxin electronic Technology Co., LTD  
**Address:** Room 301, Building 6, No. 4, Yinhu Road, Jiaoyitang, Tangxia Town, Dongguan City, Guangdong Province



UNIT:MM





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)	-1.46	-1.42	-1.42	-1.35	-1.55	-1.62	-1.72	-1.62	-1.82	-1.72	-1.82
Gain (dBi)	2.81	2.72	2.53	2.49	2.20	2.16	2.00	2.04	1.65	1.62	1.50
Efficiency (%)	71.49	72.09	72.18	73.23	69.96	68.93	67.32	68.92	65.78	67.28	65.76
Directivity (dB)	4.27	4.15	3.95	3.85	3.75	3.78	3.72	3.66	3.47	3.35	3.32
Peak Gain Position (Theta)	105.00	105.00	105.00	90.00	90.00	90.00	90.00	105.00	105.00	105.00	90.00
Peak Gain Position (Phi)	195.00	60.00	60.00	210.00	195.00	195.00	195.00	60.00	60.00	180.00	345.00
Efficiency ThetaPol (%)	67.76	68.49	68.87	70.24	67.38	66.60	65.20	66.87	63.96	65.56	64.25
Efficiency PhiPol (%)	3.73	3.60	3.30	2.98	2.59	2.34	2.13	2.05	1.82	1.72	1.51
Upper Hem. Efficiency (%)	49.35	50.28	49.63	49.62	47.14	46.92	46.20	47.20	44.28	44.50	43.16
Lower Hem. Efficiency (%)	22.14	21.81	22.54	23.61	22.82	22.01	21.12	21.72	21.50	22.78	22.60

