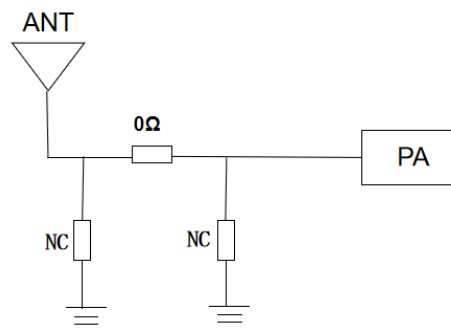
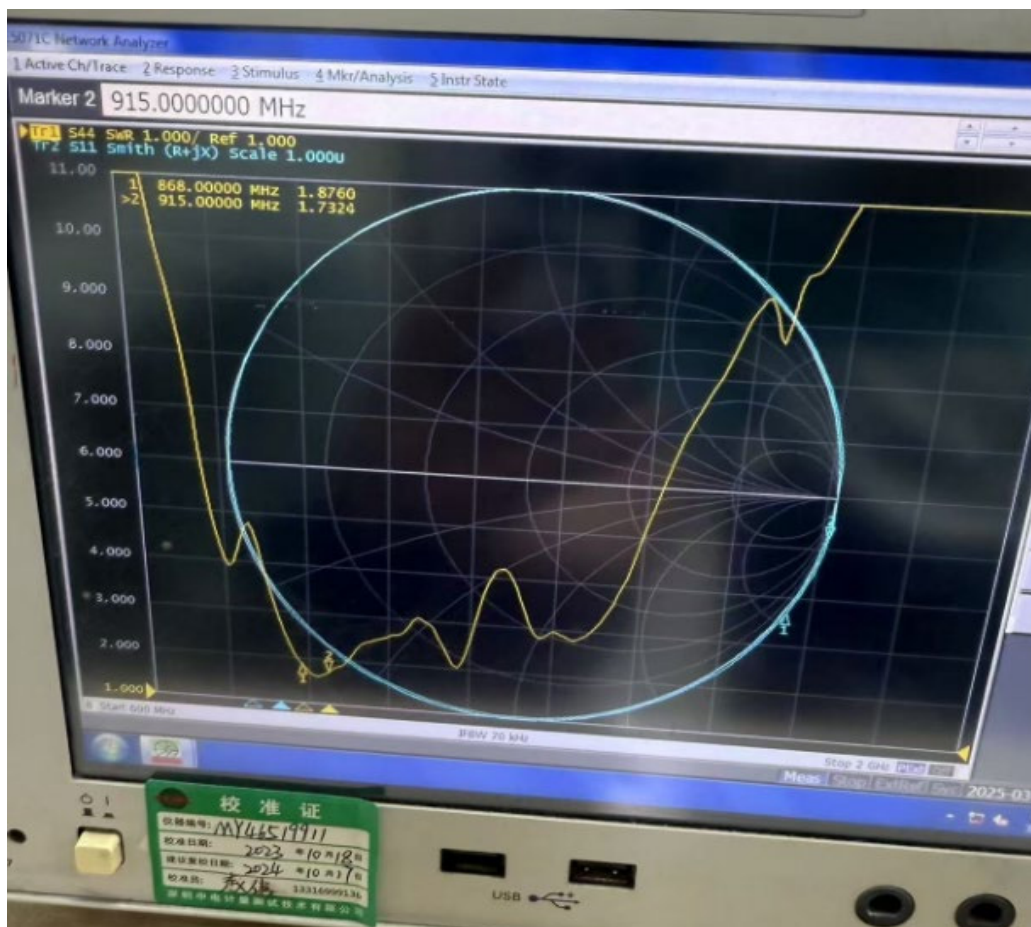


1. Matching circuit-main antenna



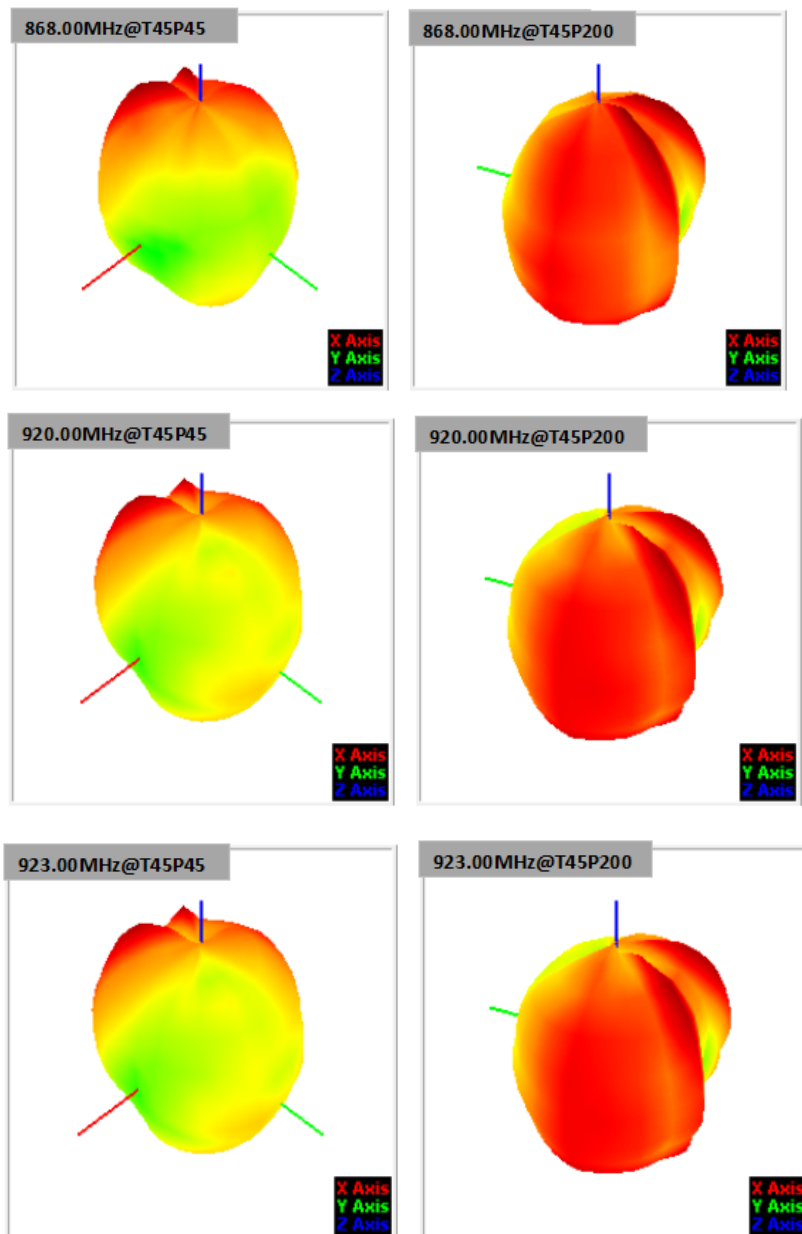
2. Passive standing wave



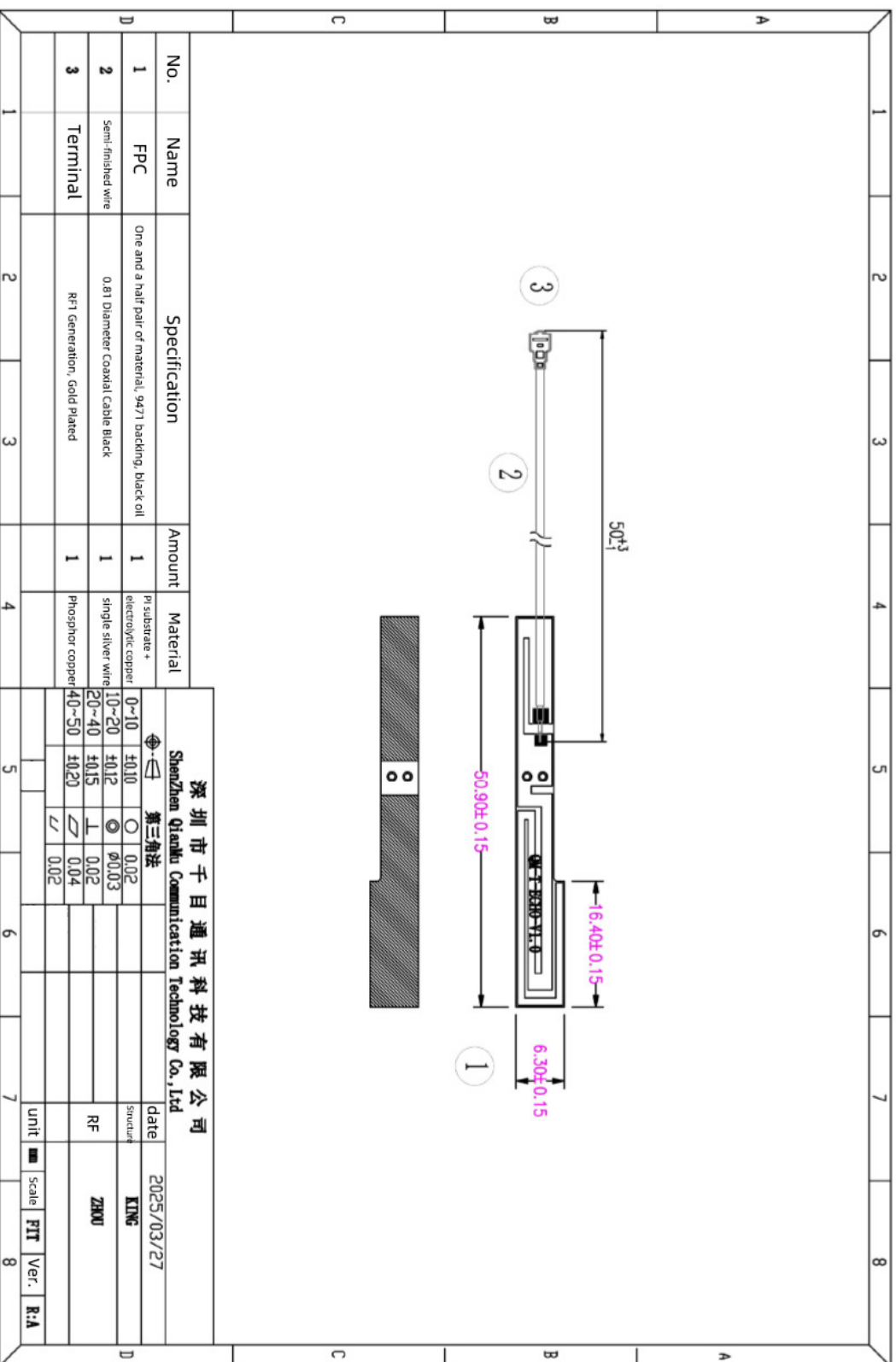
3. Passive Gain Efficiency

FEITUKE-II															
Frequency ID	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
Frequency (MHz)	868.0	872.0	876.0	880.0	884.0	888.0	892.0	896.0	900.0	904.0	908.0	912.0	916.0	920.0	923.0
Point Values															
Ant. Port Input Pwr. (dBm)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Tot. Rad. Pwr. (dBm)	-10.29	-10.08	-9.55	-9.11	-9.01	-9.38	-9.66	-9.57	-9.27	-8.91	-8.83	-8.98	-9.19	-9.16	-8.98
Peak EIRP (dBm)	-4.26	-4.14	-3.75	-3.46	-3.28	-3.45	-3.57	-3.60	-3.66	-3.65	-3.66	-3.71	-3.93	-3.66	-3.66
Directivity (dBi)	6.03	5.94	5.80	5.66	5.73	5.94	6.09	5.96	5.61	5.26	5.17	5.27	5.26	5.50	5.31
Efficiency (dB)	-10.29	-10.08	-9.55	-9.11	-9.01	-9.38	-9.66	-9.57	-9.27	-8.91	-8.83	-8.98	-9.19	-9.16	-8.98
Efficiency (%)	14.20	14.30	14.50	14.20	15.30	15.70	14.60	14.30	13.50	13.80	14.10	14.30	12.80	12.10	12.60
Gain (dBi)	-4.26	-4.14	-3.75	-3.46	-3.28	-3.45	-3.57	-3.60	-3.66	-3.65	-3.66	-3.71	-3.93	-3.66	-3.66
NHPRP $\pm\pi/4$ (dBm)	-12.01	-11.78	-11.23	-10.78	-10.67	-11.01	-11.27	-11.15	-10.82	-10.42	-10.32	-10.46	-10.65	-10.70	-10.50
NHPRP $\pm\pi/6$ (dBm)	-13.74	-13.50	-12.95	-12.50	-12.38	-12.72	-12.97	-12.83	-12.50	-12.08	-11.97	-12.11	-12.29	-12.37	-12.16
NHPRP $\pm\pi/8$ (dBm)	-15.03	-14.77	-14.21	-13.76	-13.65	-13.99	-14.23	-14.09	-13.77	-13.36	-13.25	-13.40	-13.57	-13.64	-13.44
Upper Hem. PRP (dBm)	-12.81	-12.63	-12.07	-11.61	-11.49	-11.88	-12.16	-12.06	-11.80	-11.49	-11.43	-11.53	-11.78	-11.71	-11.56
Lower Hem. PRP (dBm)	-13.86	-13.61	-13.10	-12.71	-12.63	-12.98	-13.25	-13.17	-12.83	-12.39	-12.29	-12.51	-12.67	-12.68	-12.46
Upper Hem. PRP (%)	5.24	5.46	6.21	6.90	7.09	6.49	6.09	6.23	6.61	7.09	7.19	7.04	6.64	6.74	6.98
Lower Hem. PRP (%)	4.11	4.36	4.89	5.36	5.45	5.04	4.73	4.82	5.22	5.77	5.91	5.61	5.41	5.39	5.67

4. Orientation diagram



5. Technical drawing



6. Basic Information

Manufacturer:

Shenzhen Xin Yuan Electronic Technology Co., Ltd.

Room 801-803, Yousuowei Building, No.2000JiaXian Road, Bantian Street, Longgang District, Shenzhen, Guangdong, China

Model: QM-T-ECHO