



深圳市千目通讯科技有限公司

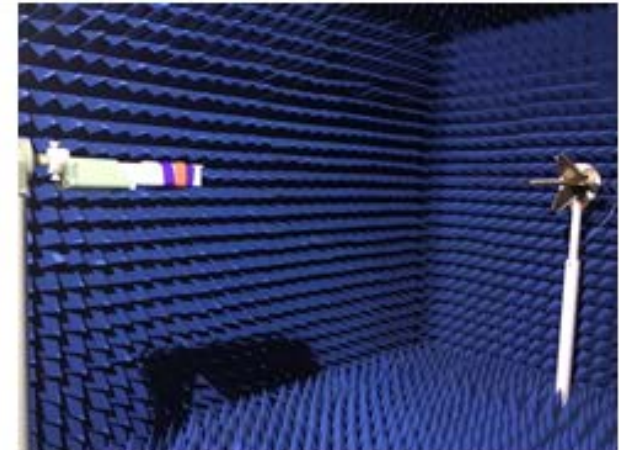
Shenzhen Qianmu Communication Technology Co., Ltd.

Model number: LA32pro



Testing environment

	test item	equipment
1. S-parameter	1. Return Loss 2. VSWR	network analyzer: Agilent E5071B HP 8753D
2. Active	1. TRP 2. TIS 3. Frequency Tolerance 4. Screen out、Screen lighting	1. Chamber: ETS 7x4x3 m (3D) Chamber ETS 5x3x3 m (3D) Chamber 2.test instrument: Agilent 8960 E5515B × 2 StarPoint SP6011
3.Passive	1.Gain 2.Efficiency	1. Chamber: ETS 7x4x3 m (3D) Chamber ETS 5x3x3 m (3D) Chamber 2. network analyzer: Agilent E5071B HP 8753D





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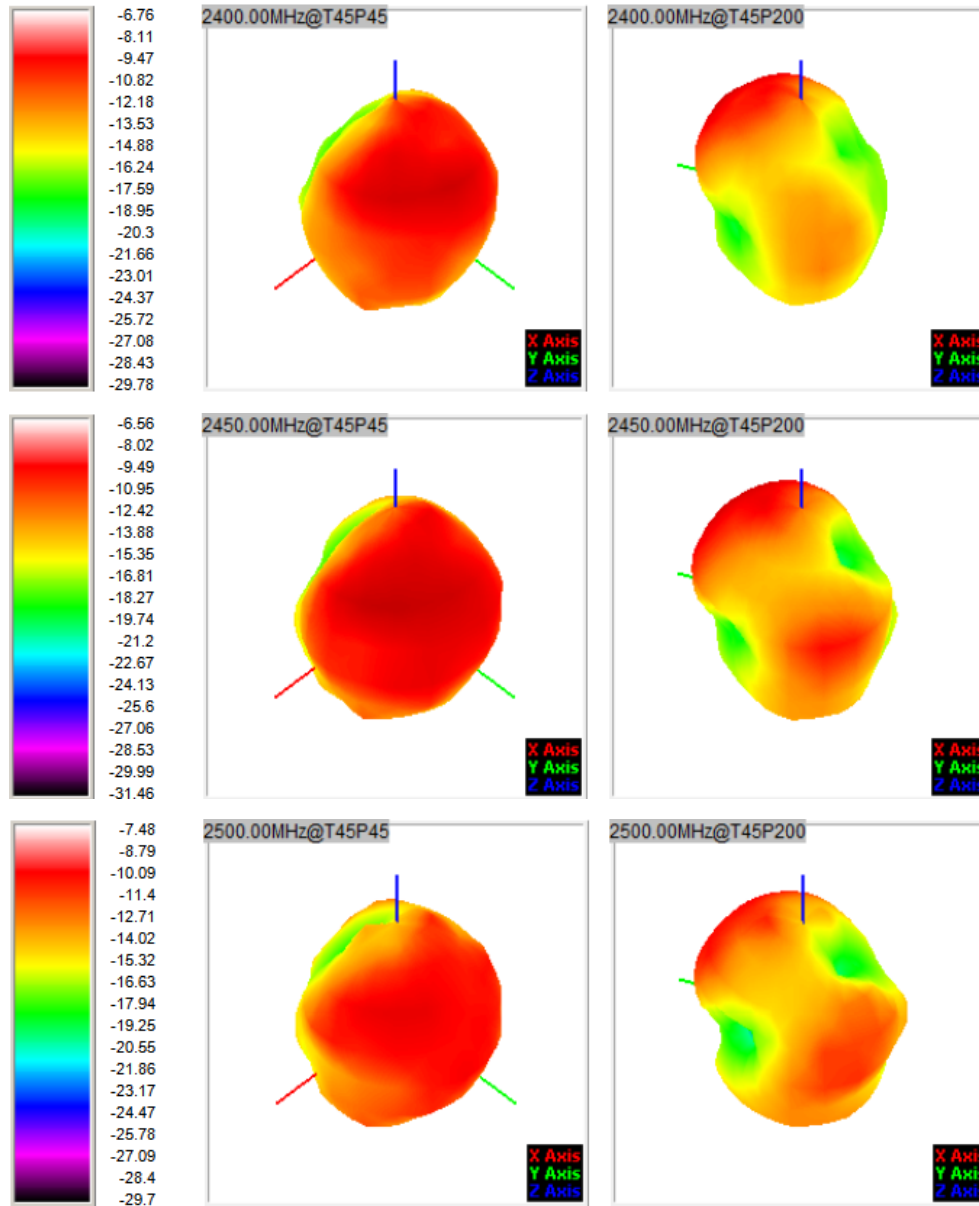


BT ANT Efficiency And Gain:

FEITUKEJI											
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
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
Tot. Rad. Pwr. (dBm)	-12.39	-12.27	-12.13	-11.77	-11.83	-11.47	-11.68	-11.84	-11.87	-11.65	-11.75
Peak EIRP (dBm)	-6.76	-6.88	-6.84	-6.56	-6.82	-6.56	-6.94	-7.35	-7.53	-7.40	-7.48
Directivity (dBi)	5.63	5.39	5.29	5.21	5.01	4.91	4.73	4.49	4.34	4.25	4.27
Efficiency (dB)	-12.39	-12.27	-12.13	-11.77	-11.83	-11.47	-11.68	-11.84	-11.87	-11.65	-11.75
Efficiency (%)	5.80	5.90	6.10	6.60	6.60	7.10	6.80	6.50	6.50	6.80	6.70
Gain (dBi)	-6.76	-6.88	-6.84	-6.56	-6.82	-6.56	-6.94	-7.35	-7.53	-7.40	-7.48
NHPRP $\pm\pi/4$ (dBm)	-14.04	-13.88	-13.72	-13.33	-13.39	-13.02	-13.21	-13.34	-13.33	-13.06	-13.12
NHPRP $\pm\pi/6$ (dBm)	-15.62	-15.46	-15.30	-14.91	-14.97	-14.61	-14.78	-14.88	-14.84	-14.54	-14.59
NHPRP $\pm\pi/8$ (dBm)	-16.79	-16.65	-16.51	-16.14	-16.21	-15.86	-16.02	-16.09	-16.01	-15.68	-15.71
Upper Hem. PRP (dBm)	-14.16	-14.06	-13.94	-13.59	-13.68	-13.36	-13.62	-13.83	-13.89	-13.68	-13.76
Lower Hem. PRP (dBm)	-17.13	-16.97	-16.82	-16.43	-16.43	-16.00	-16.11	-16.19	-16.16	-15.92	-16.08
Upper Hem. PRP (%)	3.84	3.93	4.04	4.37	4.29	4.62	4.35	4.14	4.08	4.28	4.21
Lower Hem. PRP (%)	1.94	2.01	2.08	2.28	2.27	2.51	2.45	2.40	2.42	2.56	2.47



3D





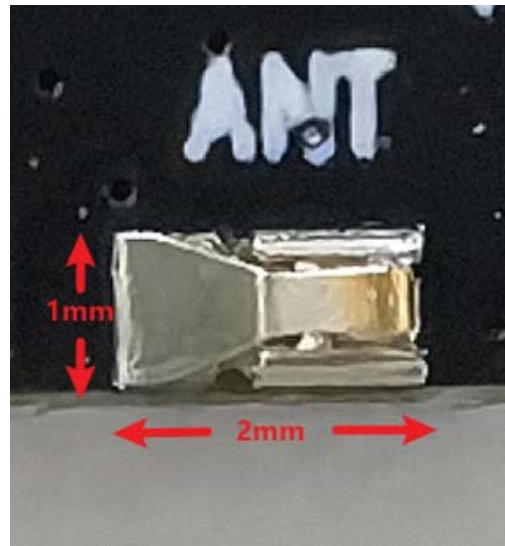
BTANT metal frame serves as an antenna

The mainboard is in contact with metal

主板弹片与金属接触



ANT specification



Antenna View (2mm*1mm)