

深圳市千目通讯科技有限公司

Shenzhen Qianmu Communication Technology Co.,Ltd.

Antenna Approval Document

Applicable Mode	HT-RK3326		
Specification Description			
		Specification	Customer Material Code
	WiFi Antenna	FPC / Black / Marking QM-BBT076-S7C + 1st Gen Terminal 1.13*70mm	
Change History			
No.	Date	Version	Description of Change
1	2025-07-09	V1.0	New Project
2			
3			

1. Antenna Active Data

天线状态 Antenna State	FPC		
	WIFI 2400~2500MHz 802.11b 11Mbps		
Channel	1	7	11
TRP	11.07	11.24	11.86
TIS	-80.22	-80.97	-80.35

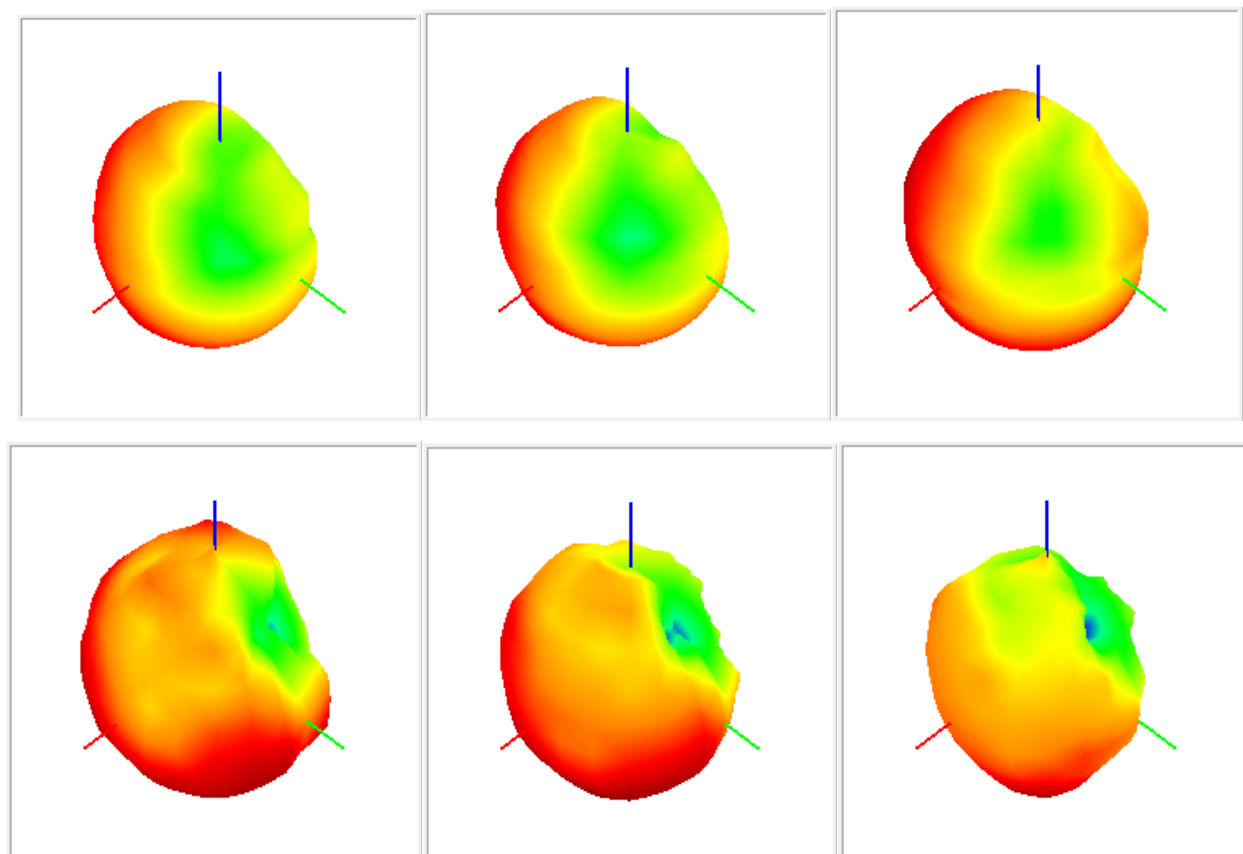
天线状态Antenna State	FPC		
	WIFI 5000~5800MHz 802.11a 54Mbps		
Channel	36	161	165
TRP	10.76	10.22	10.58
TIS	-70.47	-70.69	-70.46

天线状态Antenna State	FPC		
	WIFI 2400~2500MHz 802.11G 54Mbps		
Channel	1	7	11
TRP	11.04	11.66	11.75
TIS	-70.44	-69.34	-69.36

2. Antenna Gain & Efficiency

Test Point ID	Freq. (MHz)	TRP (dBm)	Gain (dBi)	Efficiency (%)
1	2400.0	2400.00	1.54	49.2%
2	2410.0	2410.00	1.36	48.0%
3	2420.0	2420.00	1.22	46.5%
4	2430.0	2430.00	1.19	45.7%
5	2440.0	2440.00	1.99	44.0%
6	2450.0	2450.00	1.69	42.0%
7	2460.0	2460.00	1.17	39.1%
8	2470.0	2470.00	1.06	36.4%
9	2480.0	2480.00	1.01	35.9%
10	2490.0	2490.00	1.62	35.0%
11	2500.0	2500.00	1.03	34.1%
12	5150.0	5150.00	0.28	33.7%
13	5200.0	5200.00	0.96	35.8%
14	5250.0	5250.00	0.41	35.2%
15	5300.0	5300.00	0.78	37.2%
16	5350.0	5350.00	0.82	37.3%
17	5400.0	5400.00	1.21	42.1%
18	5450.0	5450.00	1.07	51.5%
19	5500.0	5500.00	1.89	50.7%
20	5550.0	5550.00	1.62	52.9%
21	5600.0	5600.00	1.84	54.8%
22	5650.0	5650.00	1.64	51.2%
23	5700.0	5700.00	1.58	50.0%
24	5750.0	5750.00	1.50	50.6%
25	5800.0	5800.00	1.09	47.2%
26	5850.0	5850.00	1.37	47.3%

3. Antenna Radiation Pattern



4、Antenna Placement Position



Antenna
Position

