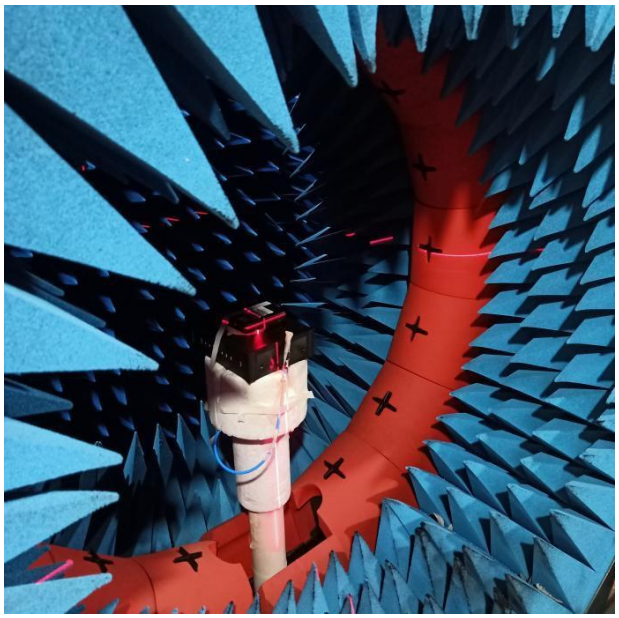
BT antenna test report

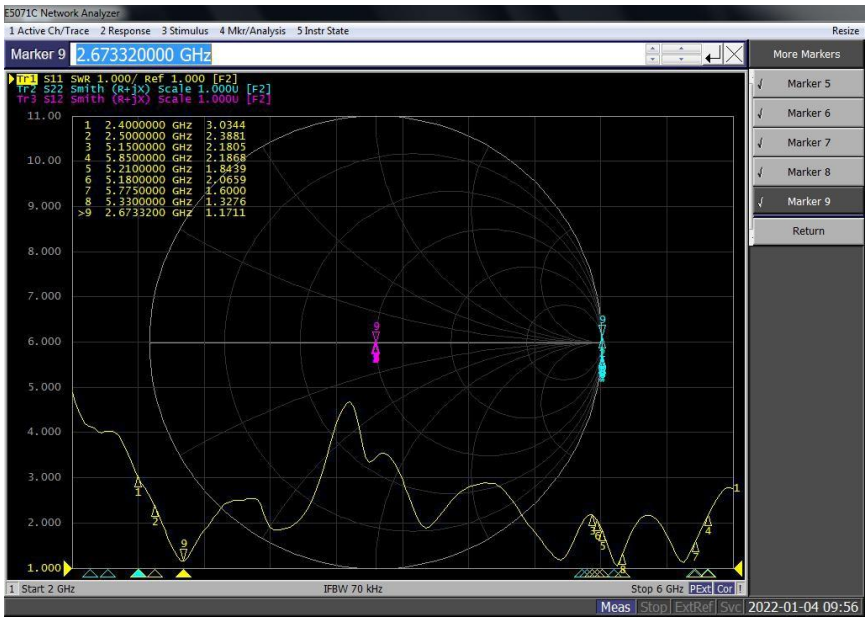
1. Antenna and test environment diagram



Test the environment

Second, the BT antenna standing wave ratio is isolated from the nearest WIFI antenna

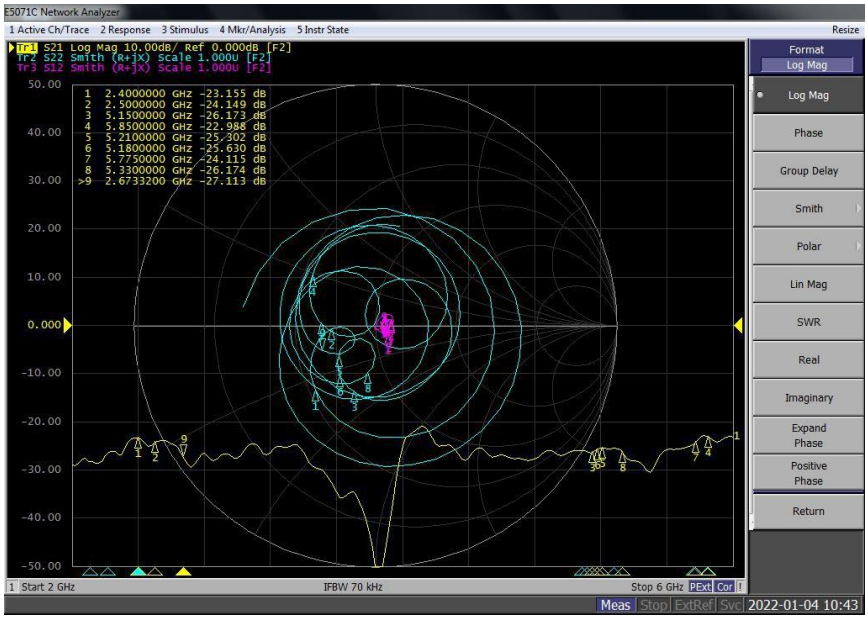
BT antenna standing wave ratio diagram



BT antenna standing wave ratio value

Frequency (MHZ).	2400	2500	5150	5180	5210	5330	5775	5825	5850
Standing	3.0	2.3	/	/	/	/	/	/	/

Diagram of BT antenna isolation from nearest WIFI antenna



Antenna isolation value (1).

Frequency (MHZ).	2400	2500	5150	5180	5210	5330	5775	5825	5850
Isolation (DBI).	-23.1	-24.1	-26.1	-25.6	-25.3	-26.1	-24.1	-22.7	-22.9

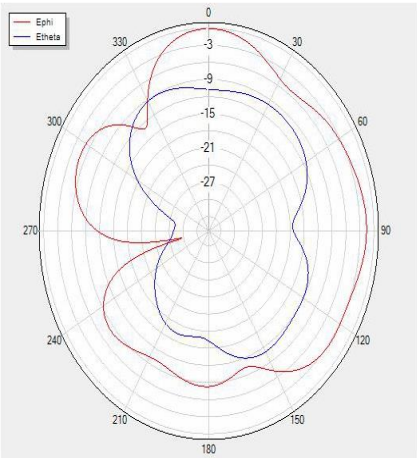
Third, antenna gain and antenna efficiency

BT antenna

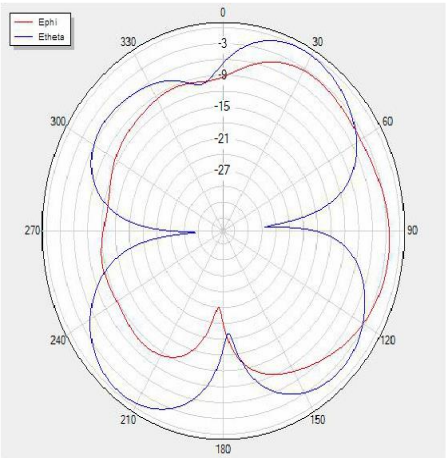
Gain&Efficiency Gain and efficiency						
frequency Frequency	gain Gain (dBi).	mingain Minimum (dBi)	CP Gain Cross- Maximum (dBi)	CO Gain The main Big gain (dBi)	efficiency Efficiency	efficiency Efficiency
2400	-2.81	-31.62	-6.33	-3.05	-9.01	12.55
2410	-2.36	-35.37	-5.84	-2.6	-8.56	13.95
2420	-2.11	-33.27	-5.55	-2.37	-8.16	15.26
2430	-2.69	-30.07	-5.85	-2.93	-8.56	13.94
2440	-1.51	-24.67	-4.31	-1.78	-7.27	18.76
2450	-2.31	-23.36	-5.07	-2.99	-8.09	15.53
2460	-1.56	-21.29	-3.95	-2.28	-7.16	19.25
2470	-1.33	-20.91	-3.62	-2.12	-6.93	20.27
2480	-1.64	-21.07	-3.84	-2.47	-7.27	18.77
2490	-1.02	-20.65	-3.48	-1.85	-6.73	21.21
2500	-1.88	-21.53	-3.88	-2.71	-7.24	18.88

Fourth, the antenna pattern

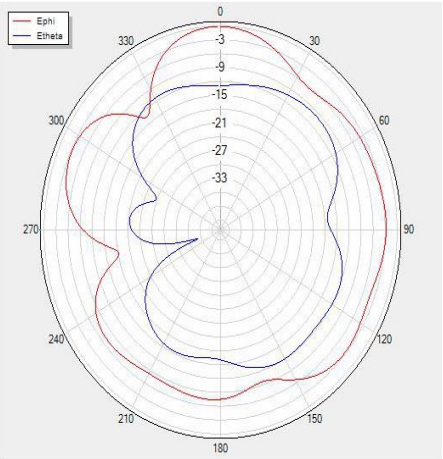
H Theta=90 freq=2400MHz



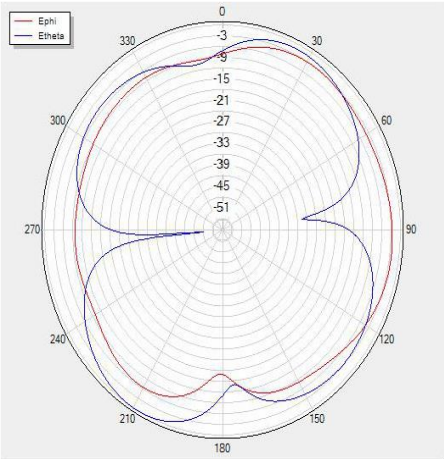
V Phi=90 freq=2400MHz



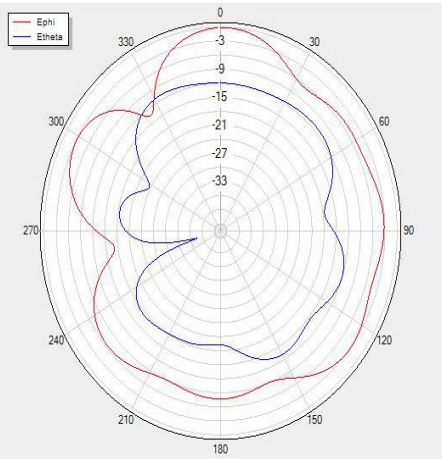
H Theta=90 freq=2450MHz



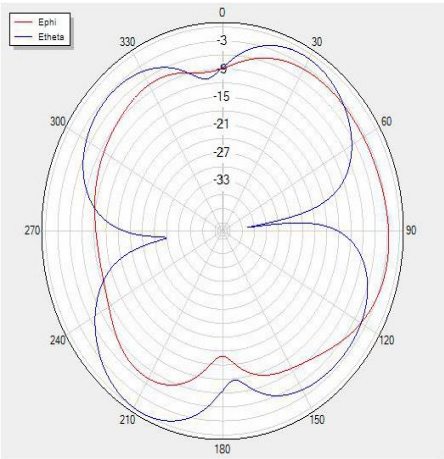
V Phi=90 freq=2450MHz



H Theta=90 freq=2500MHz



V Phi=90 freq=2500MHz



Shenzhen Everything Connected Communication Co., Ltd

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