

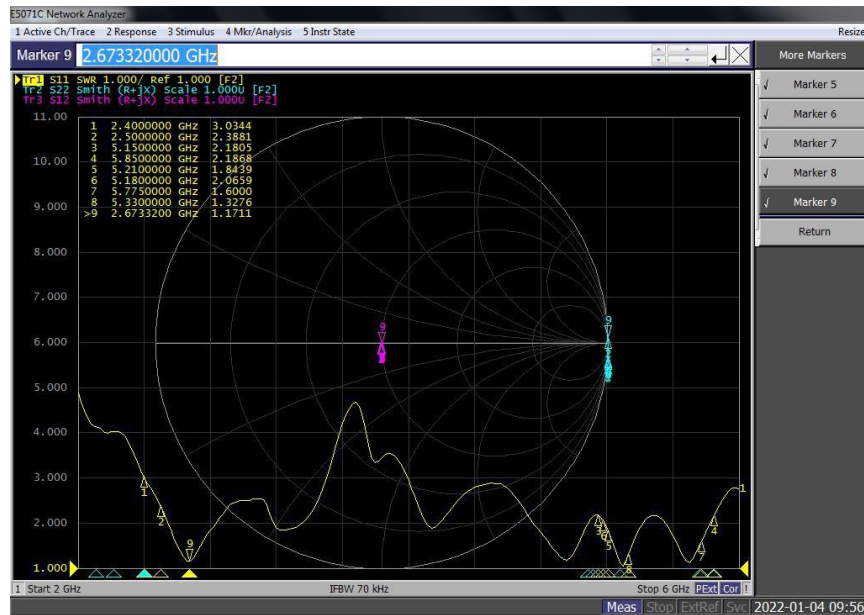
由 Autodesk 教育版产品制作



phone: 136 6268 4409 URL: www.wxltx.cn



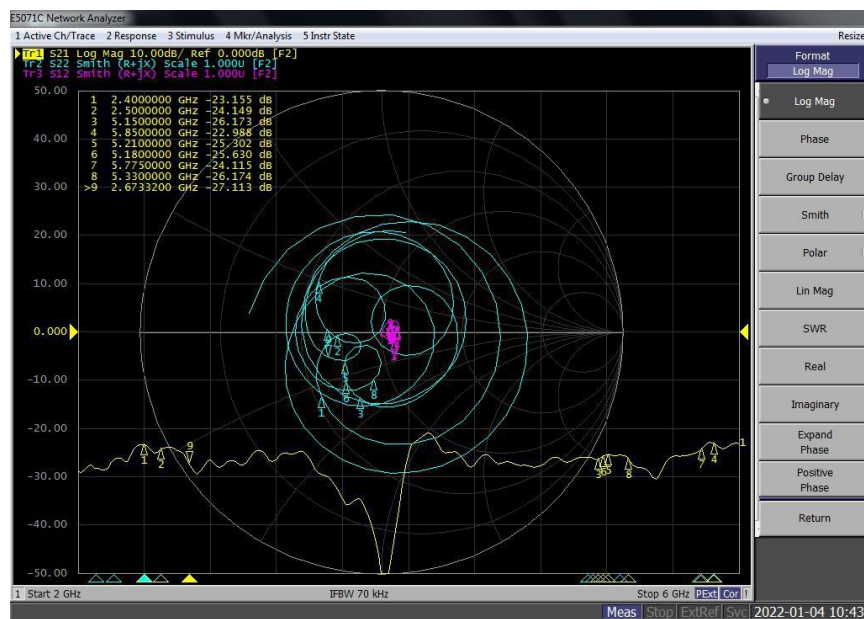
BT antenna standing wave ratio diagram



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.

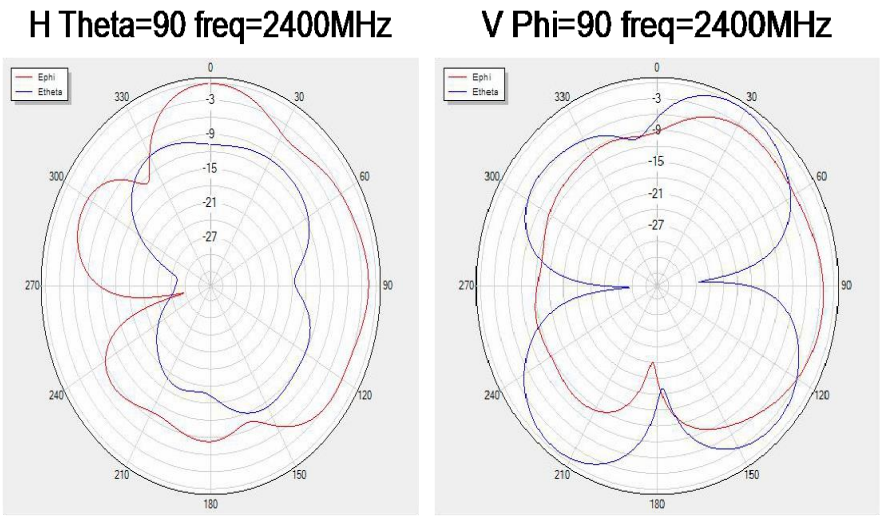
Frequency (MHZ).	2400	2500	5150	5180	5210	5330	5775	5825	5850
Isolation (DBI).	-23.1	-24.1	-26.1	-25.6	-25.3	-26.1	-24.1	-22.7	-22.9

Third, antenna gain and antenna efficiency

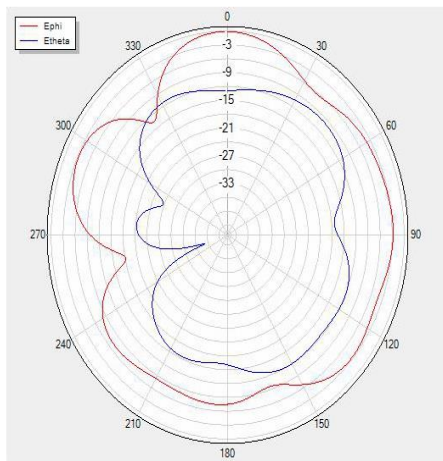
BT antenna

Gain&Efficiency						
Gain and efficiency						
frequency	gain	mingain	CP Gain	CO Gain	efficiency	efficiency
Frequency	Gain (dBi).	(dBi)	Cross- Maximum (dBi)	The main Big gain (dBi)	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

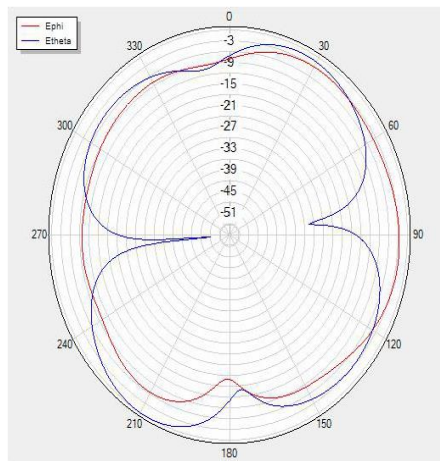
the antenna pattern



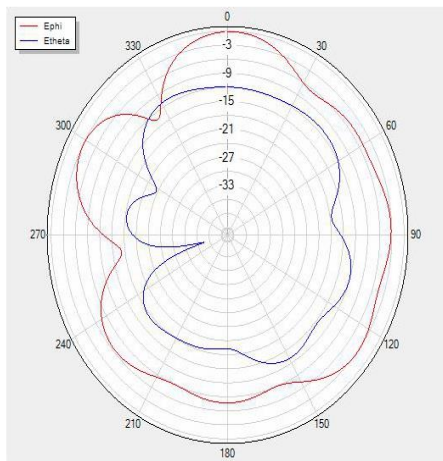
H Theta=90 freq=2450MHz



V Phi=90 freq=2450MHz



H Theta=90 freq=2500MHz



V Phi=90 freq=2500MHz

