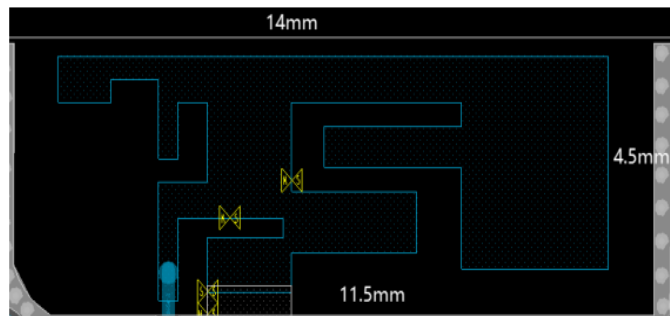

Antenna Describe

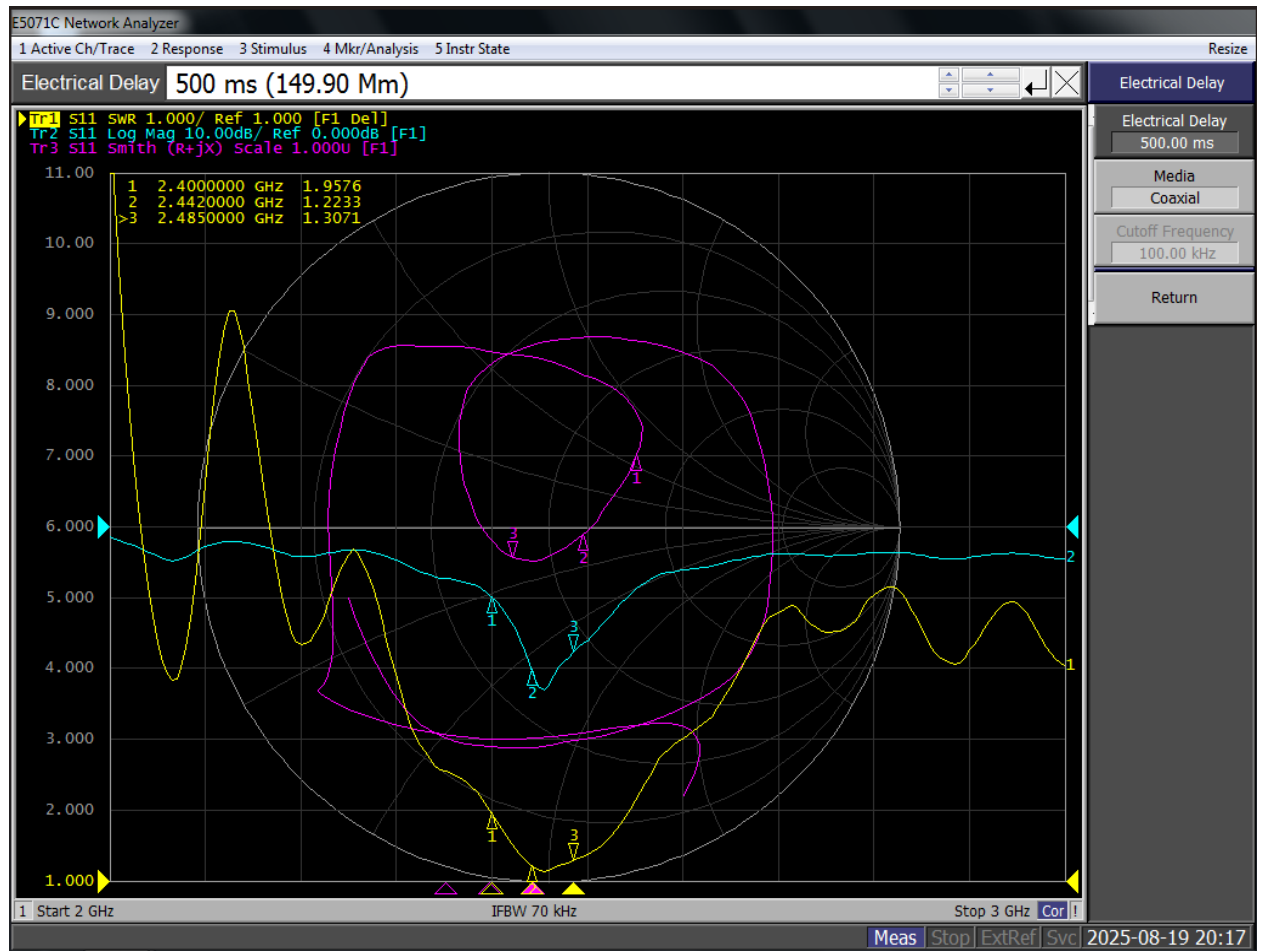
Antenna	Internal Antenna
Frequency Range	2.4Ghz-2.483Ghz 5.1Ghz-5.8Ghz
Connector Type	Direct
Manufacturer:	DDPAI Technology Co., Ltd.
Address:	28F, Building 8A, International Innovation Valley, Nanshan District, Shenzhen, Guangdong Province

Antenna Photo & Length (mm)



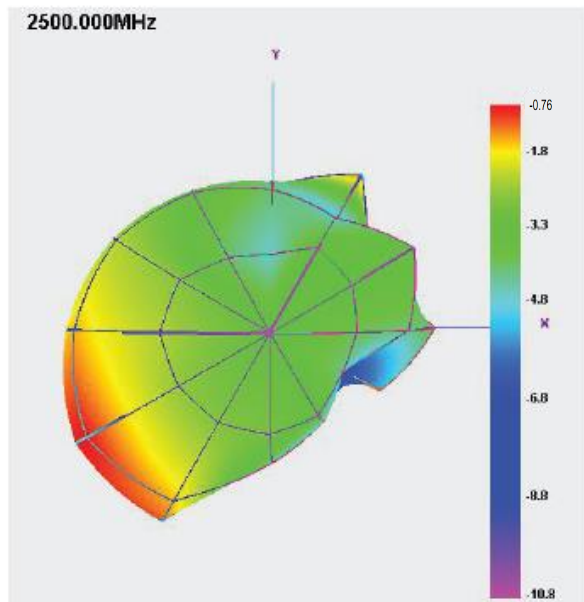
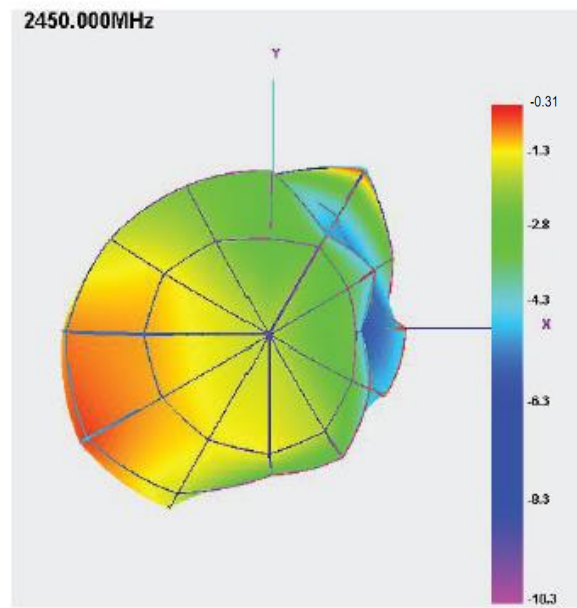
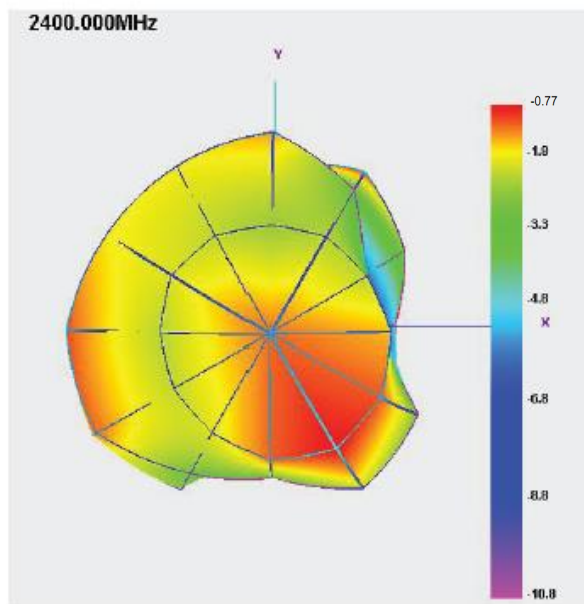
1. Characteristics curve

1.1 S11/ SWR



2. 3D Radiation characteristics of antenna

Passive Test For 2.4G			
Freq	Effi	Effi	Gain
(MHz)	(%)	(dB)	(dBi)
2400	31.36	-5.04	-0.77
2410	32.85	-4.83	-0.69
2420	33.96	-4.69	-0.32
2430	33.44	-4.76	-0.29
2440	34.57	-4.61	-0.14
2450	34.12	-4.67	-0.31
2460	32.54	-4.88	-0.72
2470	29.51	-5.3	-1.05
2480	30.04	-5.22	-0.97
2490	29.93	-5.24	-0.97
2500	32.29	-4.91	-0.76



Passive Test For 5G-WIFI			
Freq	Effi	Effi	Gain
(MHz)	(%)	(dB)	(dBi)
5000	38.05	-4.2	0.5
5100	52.6	-2.79	1.96
5200	49.04	-3.09	1.28
5300	51.41	-2.89	1.33
5400	47.56	-3.23	1.35
5500	44.54	-3.51	0.84
5600	38.91	-4.1	0.02
5700	43.36	-3.63	0.74
5800	45.25	-3.44	0.8
5900	42.57	-3.71	0.1
6000	46.39	-3.34	0.5

