

Antenna test report V1.0

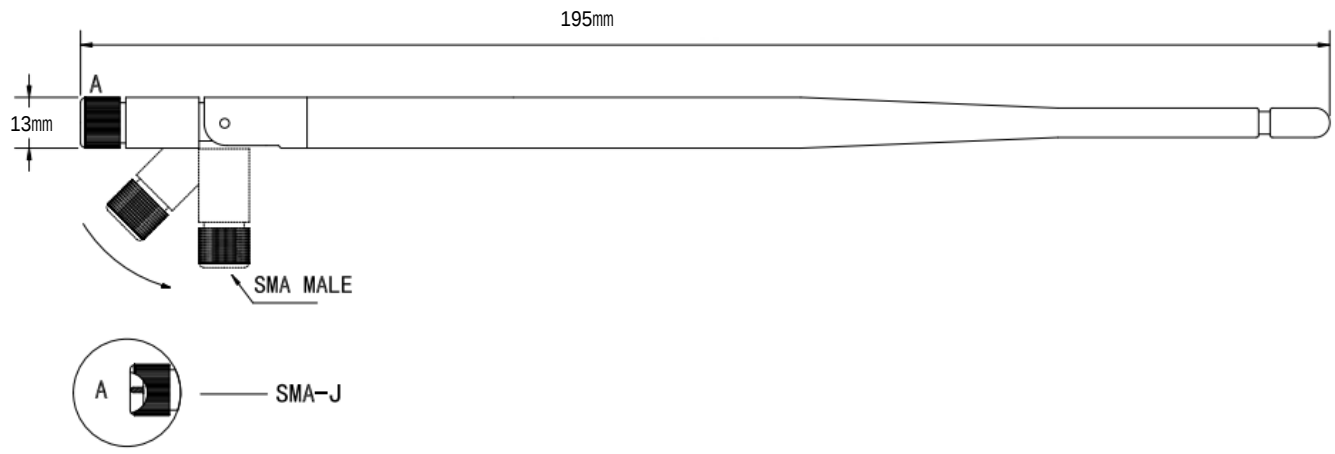
Model/Part No. :W699-1B-B

testing environment

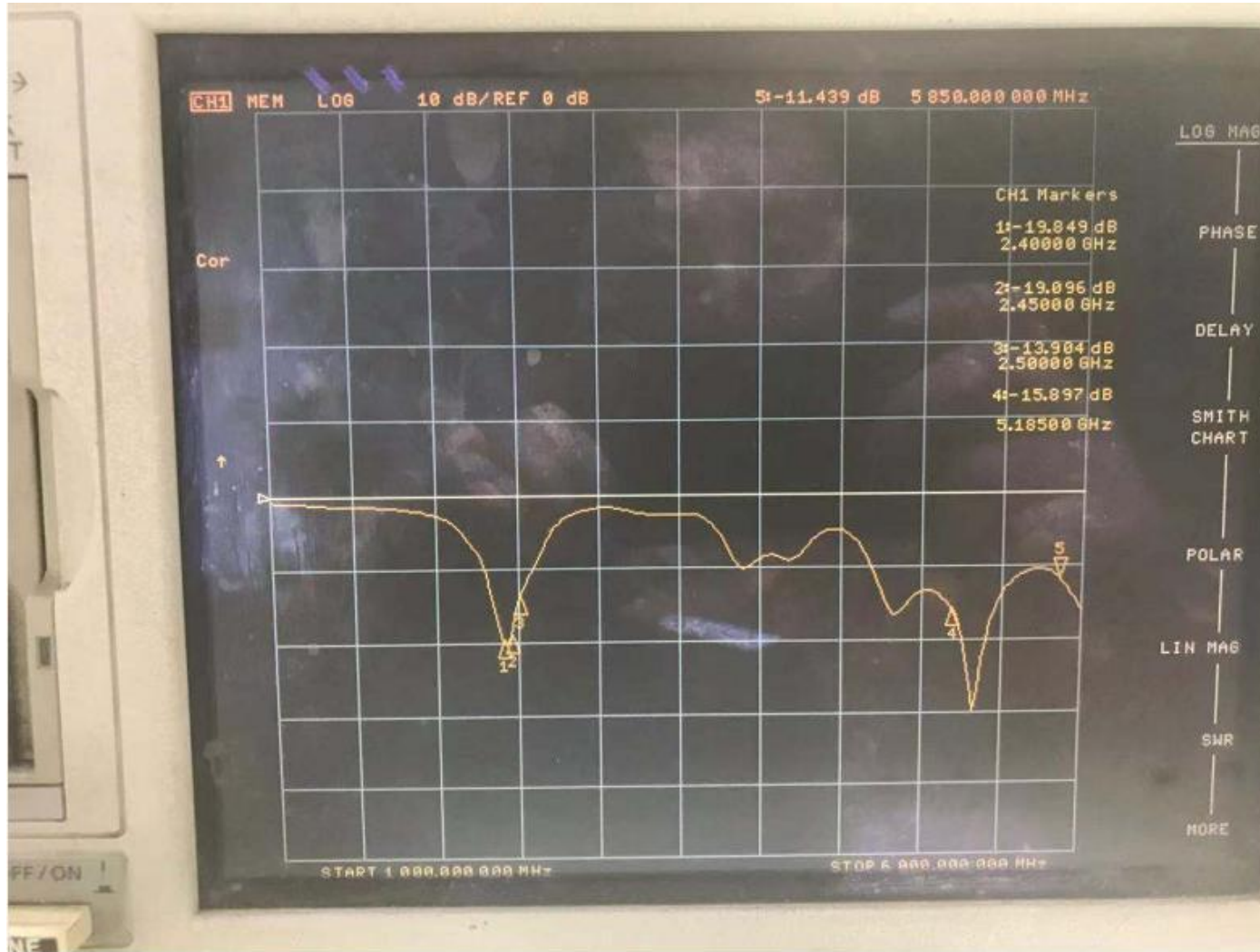
- The antenna characteristics use the microwave anechoic chamber of the ETS test system, the size of the microwave anechoic chamber is 7m x 4m x 3m, and
- the test frequency is 700MHz---6GHz.
- S11 testing using Agilent E5071B network analyzer



ANT PLACE



2.4G+5G



Antenna Solutions



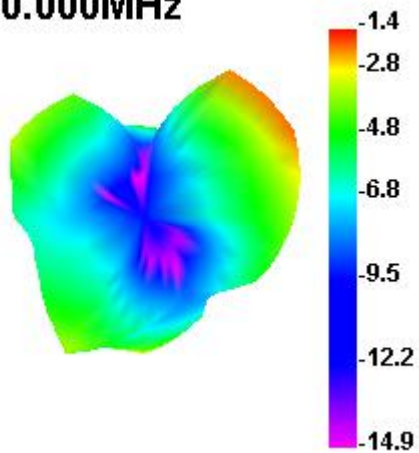
2.4G WiFi antenna efficiency

Passive Test For WII2.4			
Freq	Effi	Effi	Gain
(MHz)	(%)	(dB)	(dBi)
2400	22.81	-6.42	-1.75
2410	25.21	-5.98	-1.4
2420	28.32	-5.48	-0.95
2430	31.58	-5.01	-0.67
2440	33.43	-4.76	-0.69
2450	34.92	-4.57	-0.64
2460	33.74	-4.72	-0.45
2470	36.21	-4.41	2.14
2480	40.05	-3.97	3.00
2490	42.88	-3.68	1.24
2500	43.67	-3.6	1.16

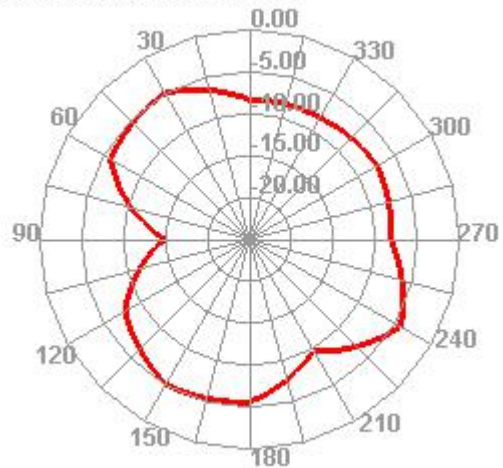
5G WiFi
antenna efficiency

Passive Test For WIFI5G			
Freq	Effi	Effi	Gain
(MHz)	(%)	(dB)	(dBi)
5150	23.45	-5.34	1.57
5250	27.41	-4.25	3.00
5350	31.25	-5.46	2.41
5450	23.64	-5.14	1.68
5550	23.45	-5.24	2.48
5650	24.35	-4.21	1.57
5750	32.56	-3.64	2.58
5850	26.54	-4.21	2.14
5950	43.12	-2.65	1.84

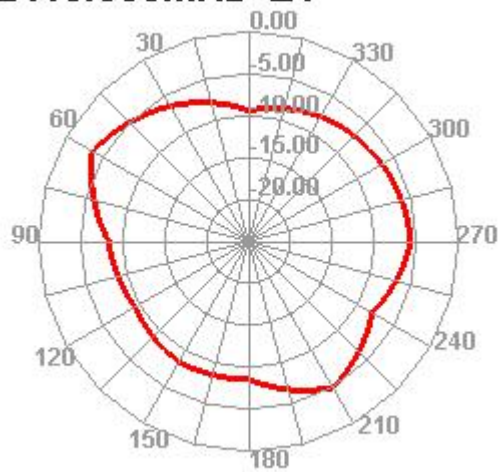
2410.000MHz



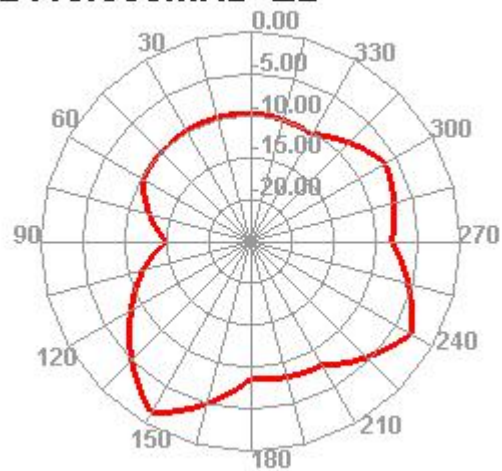
2410.000MHz H



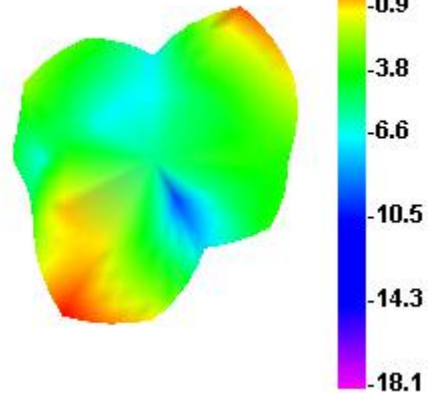
2410.000MHz E1



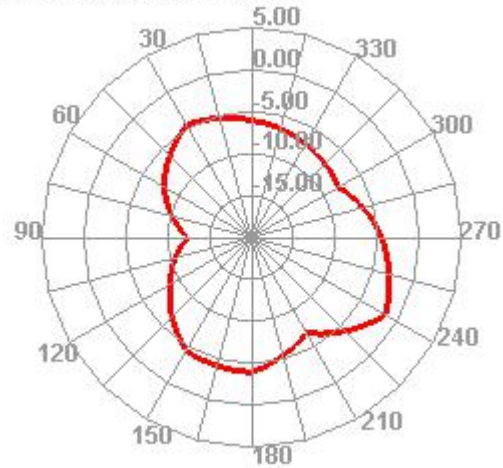
2410.000MHz E2



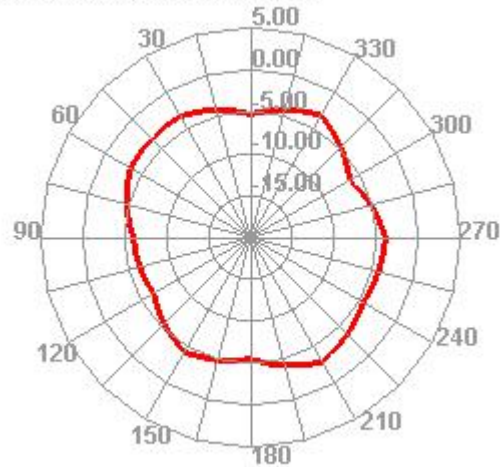
2480.000MHz



2480.000MHz H



2480.000MHz E1



2480.000MHz E2

