Antenna Part Specification

Project name：	200SD
Material category：	WIFI antenna
Version：	V1.0
Date：	2023.05.22

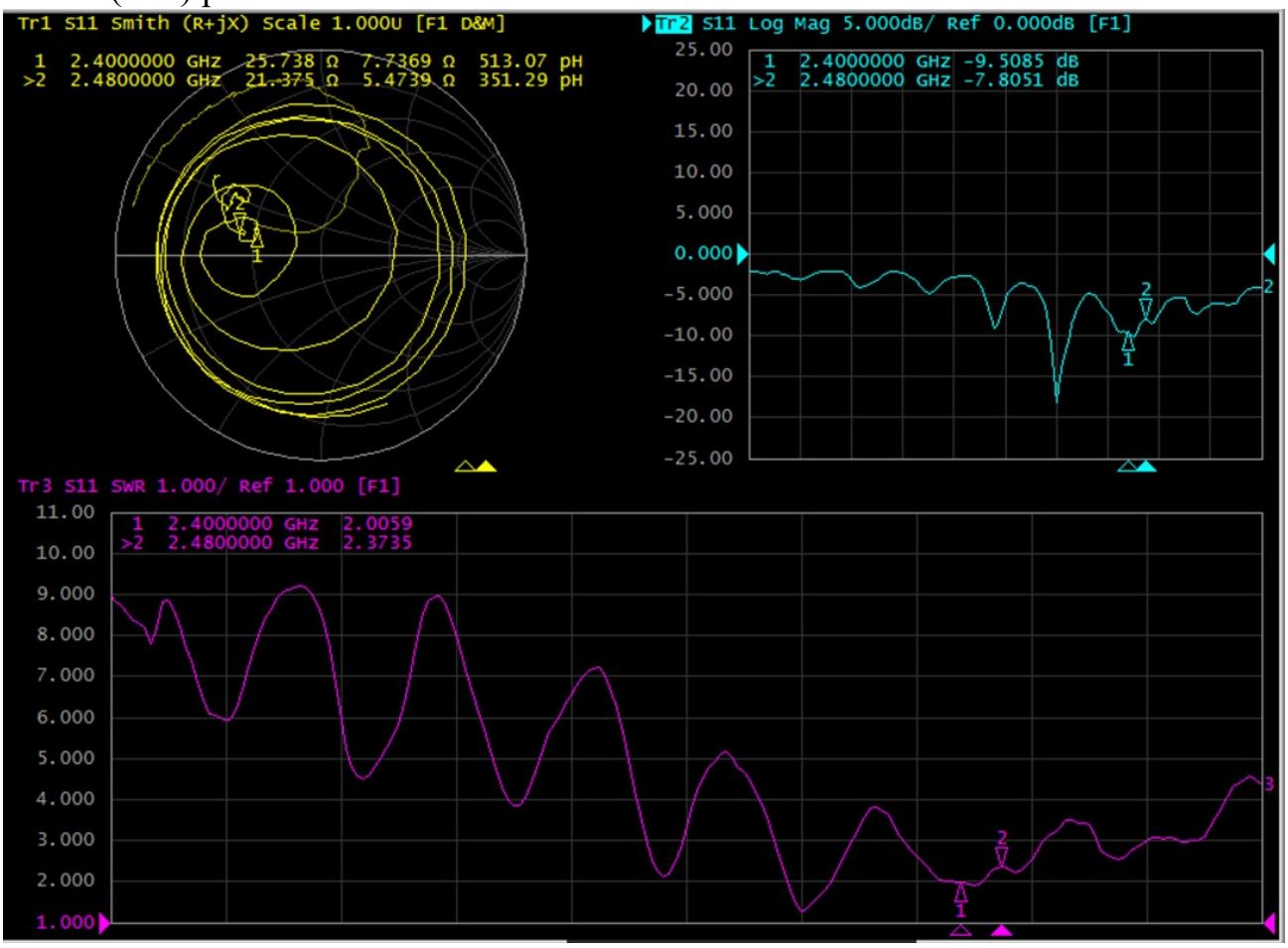
Contents

Change record			
Compile / change date	Reason for change	Changed content	Version

I：The report of passive data

Angilent E5071C

VSWR(S11) parameter：



Efficiency：

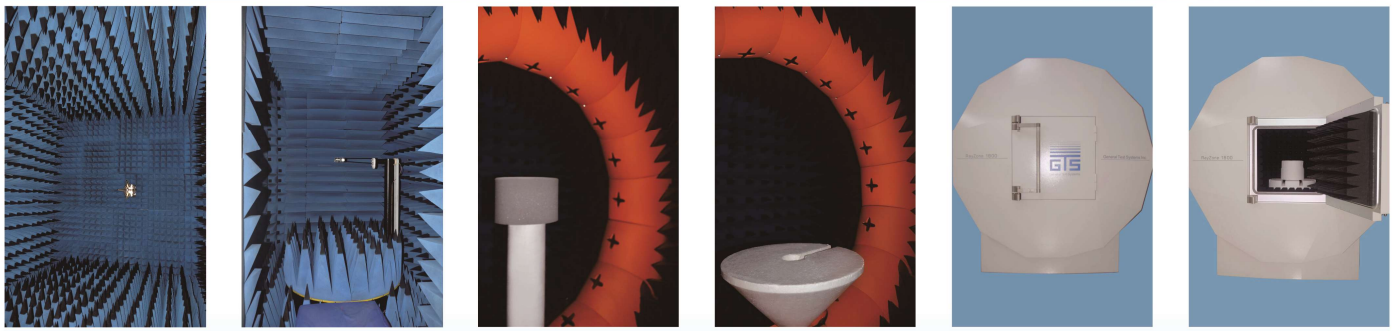
2400-2480 MHz			
Frequency（MHz）	Efficiency	Efficiency (dB)	Gain (dBi)
2400	31.85%	-4.97	-1.38
2410	32.10%	-4.94	-1.47
2420	33.15%	-4.80	-1.25
2430	32.35%	-4.90	-1.02
2440	31.01%	-5.09	-0.92
2450	31.46%	-5.02	-0.66
2460	30.55%	-5.15	-0.75
2470	32.29%	-4.91	-0.66
2480	33.70%	-4.72	-0.70
Average value	32.05%	-4.94	-0.98

II：3D Active test report of antenna

11M/11M	Channel	TRP（dBm）	TIS（dBm）
WIFI B	1	14.2	-80.3
	7	12.8	-82.1
	13	12.3	-81.7

6M/54M	Channel	TRP（dBm）	TIS（dBm）
WIFI G	1	14.9	-71.5
	7	13.5	-71.2
	13	12.9	-71.2

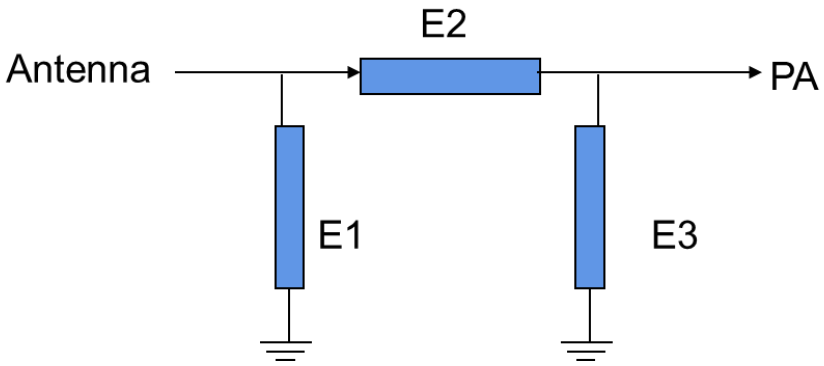
6.5M/65M	Channel	TRP（dBm）	TIS（dBm）
WIFI N	1	14.5	-65.8
	7	13.8	-65.1
	13	13.2	-65.0



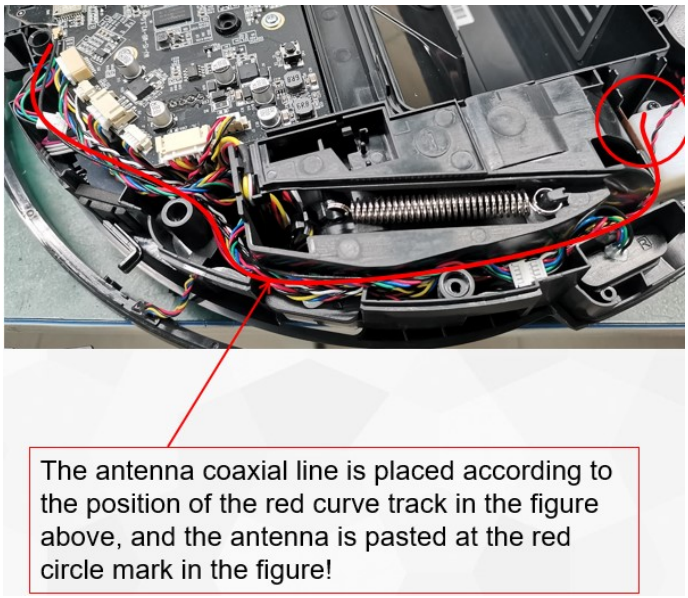
OTA Standard Chamber

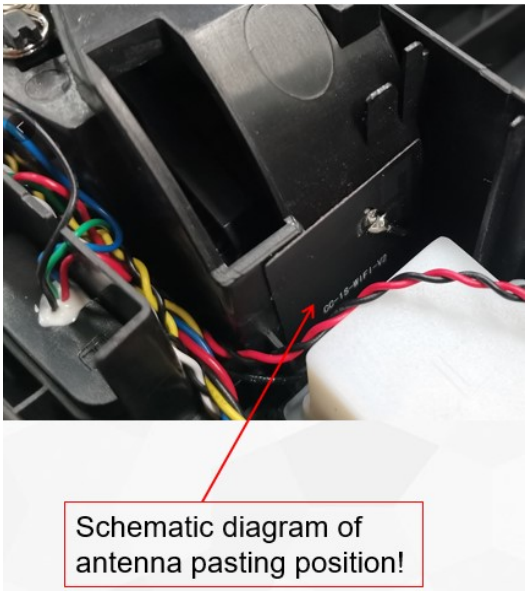
III：Matching circuit

Element	value
E1	N/A
E2	0Ω
E3	N/A



IV：Environmental treatment





V：Structure file