

Antenna test report

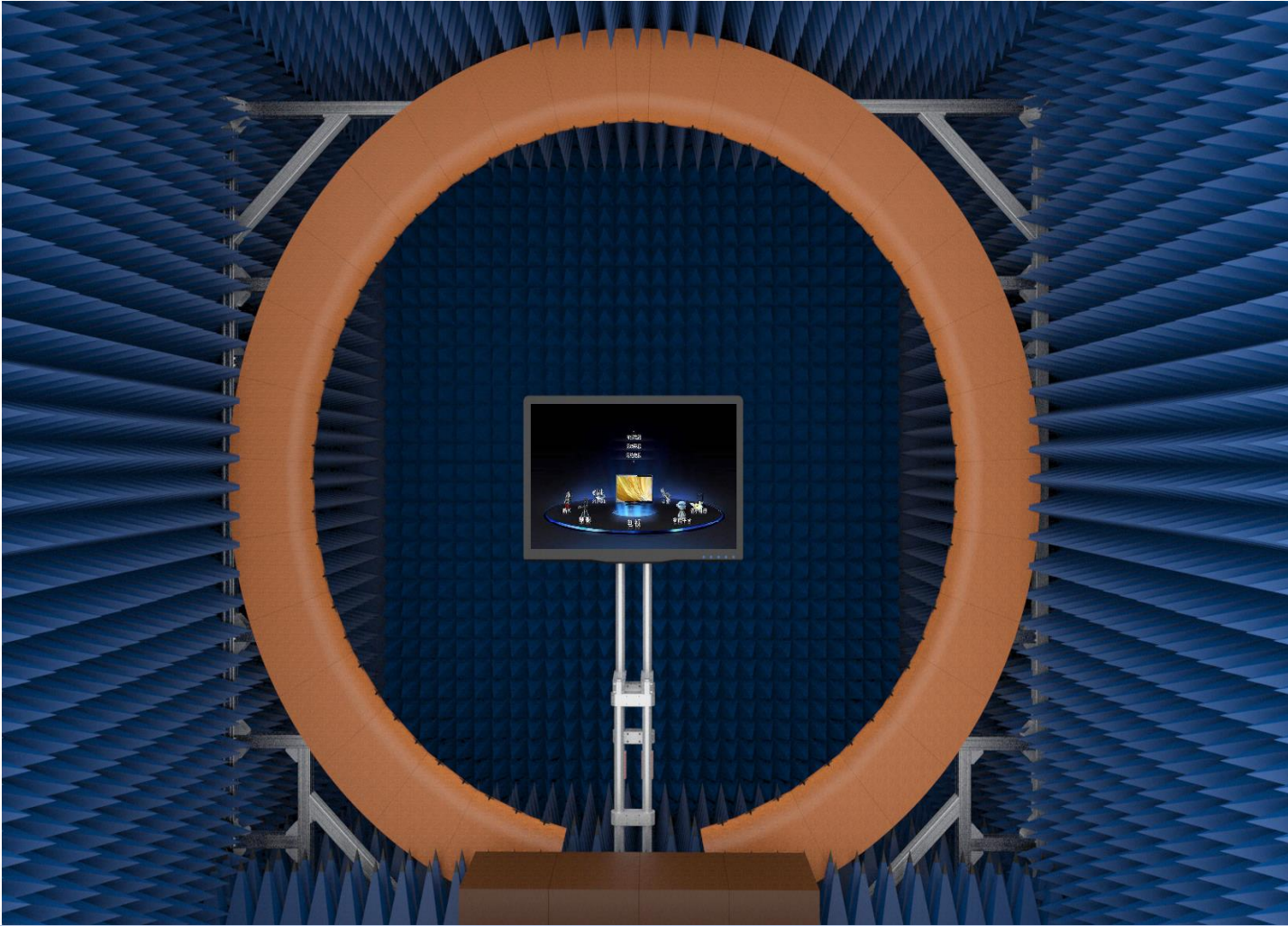
Manufacturer: 70mai

Name: DR2500

Testers: 

2023. 07. 19 A0

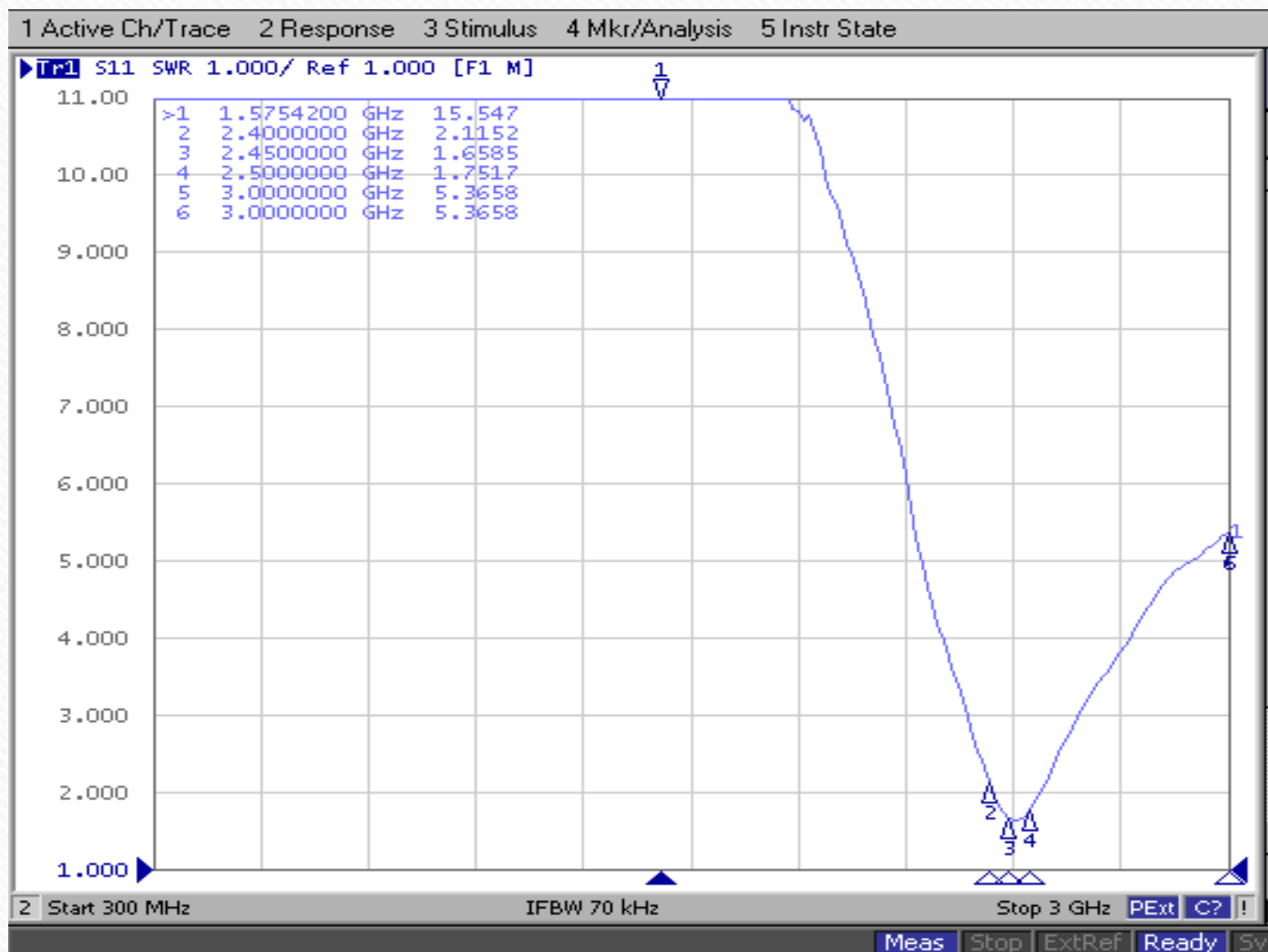
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Industry top OTA darkroom:
64 probe; 6 meters in length/width/height; The size of the item to be tested can be up to 2 meters

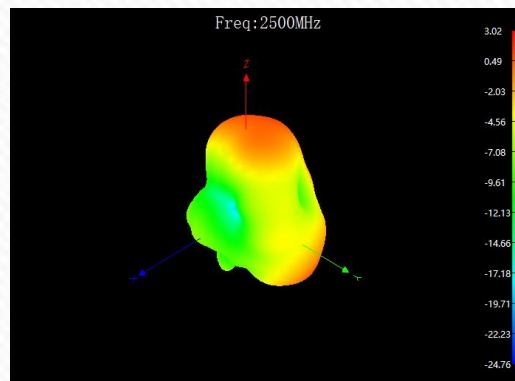
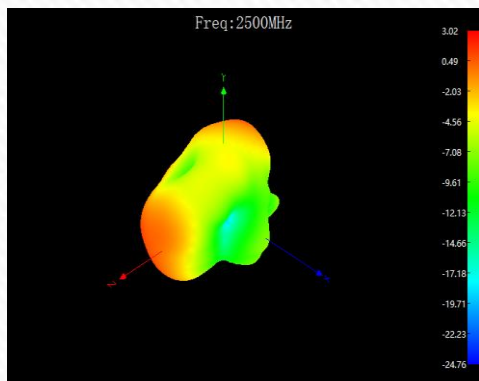
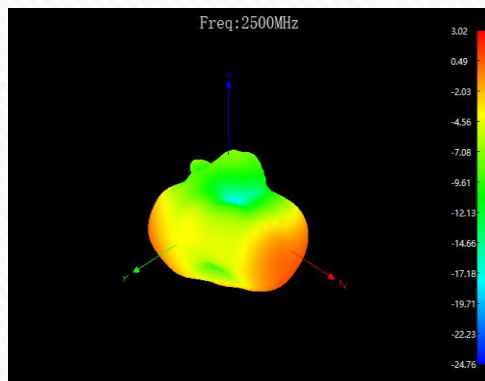
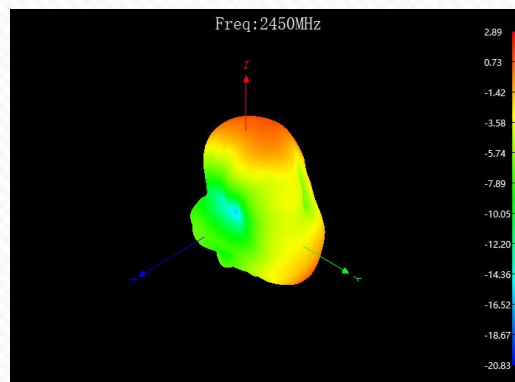
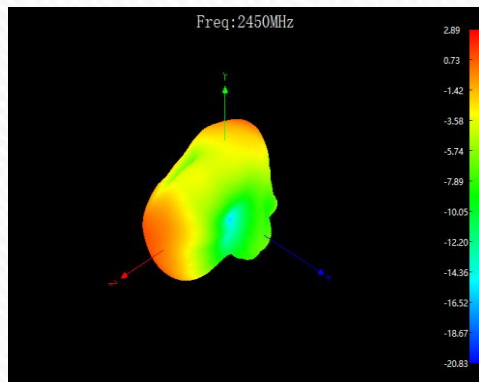
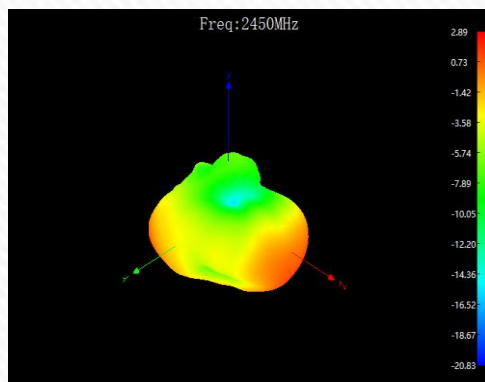
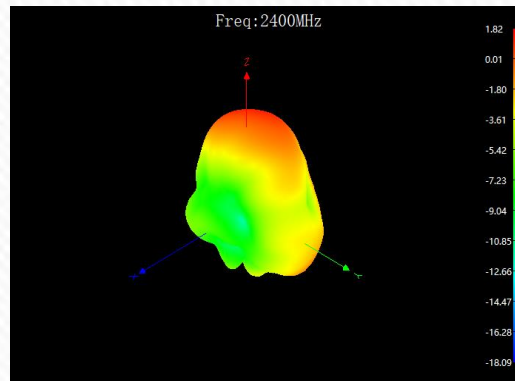
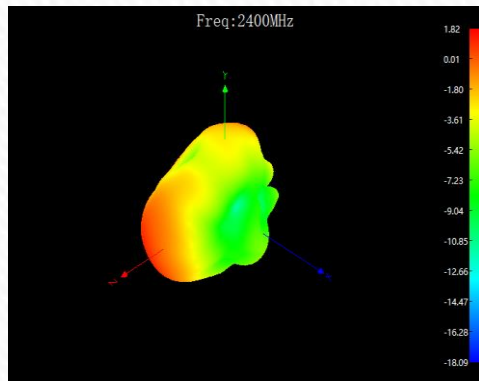
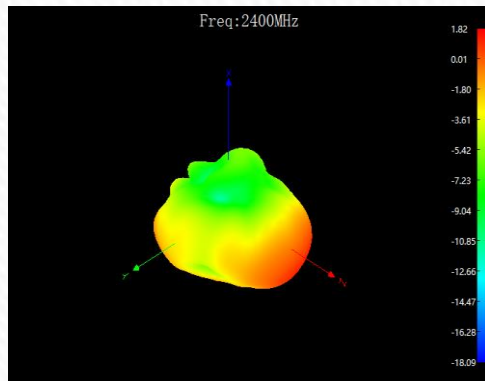
Equipment list	Total quantity
OTA lab	10
5G Integrated Measuring Instrument (SP9500-CTS)	3
R&S Integrated Measuring Instrument (High quality CMW500)	7
Anritsu Integrated Meter (Dual Channel 8820)	4
NB-IoT Integrated Measuring Instrument (SP8315)	3
Agilent Integrated Measuring Instrument (8960)	9
Agilent Network Analyzer (E5062A)	7
Agilent Network Analyzer (E5071C 8.5GHZ)	11
Agilent Network Analyzer (E5071B 8.5GHZ)	10
R&S Network Analyzer (ZND)	10
R&S Network Analyzer (ZVB)	3
OTA head hand/cochlea/arm	5
GPS/WIFI active test equipment	5





Freq	Effi	Effi	MaxGain
(MHz)	(%)	(dB)	dBi
2400	35.81	-4.46	1.82
2410	42.85	-3.68	1.91
2420	45.71	-3.4	2.83
2430	44.57	-3.51	2.85
2440	45.08	-3.46	2.3
2450	46.88	-3.29	2.89
2460	44.67	-3.5	2.61
2470	46.45	-3.33	2.62
2480	46.24	-3.35	3.08
2490	45.39	-3.43	2.81
2500	47.42	-3.24	3.02

Antenna pattern



	Channel	TRP	TIS
WiFi B	1	15.6	
	7	16.19	
	13	15.45	-76.63
WiFi G	1	16.16	
	7	16.55	
	13	15.91	-63.73
WiFi N	1	16.17	
	7	17.6	
	13	14.88	-60.26

Thank You

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