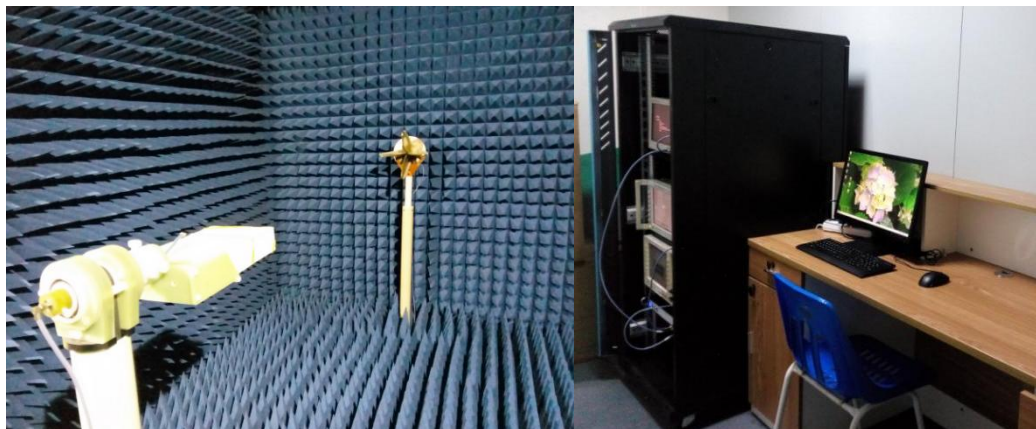
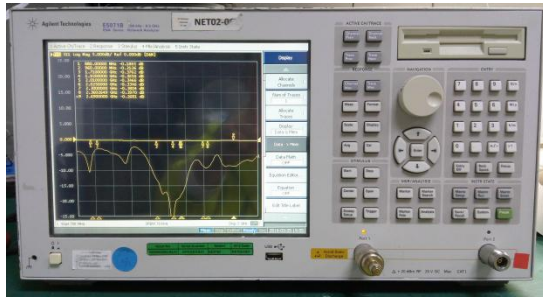


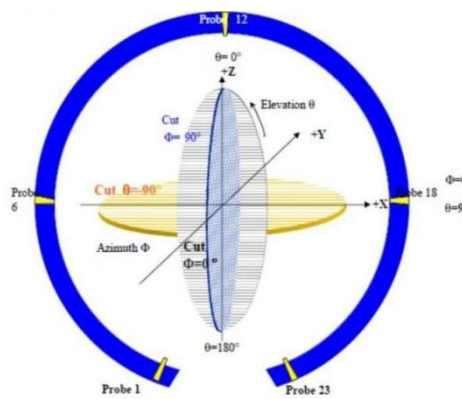


4.3D ActiveTest	1. 3D TRP 2. 3D TIS 3.Throughput rate	1. 3D Chamber: TEM24 3D Chamber (5x5x5) ETS 3D Chamber (5x3x3) 2.2G/3G Tester: Agilent 8960 3.4G Tester: MT8820C/CMW500 4.WIFI/BT/NB-iot Tester: CMW500 5. 5G Tester: SP9500-CTS 6.Head: HEAD-P10 (FACE-P10)
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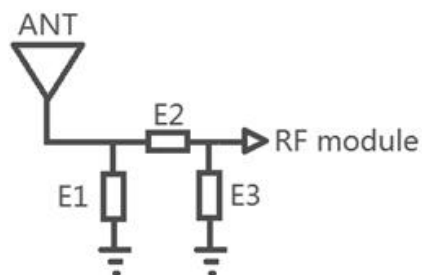




3. Darkroom (Chamber) connections and coordinates :



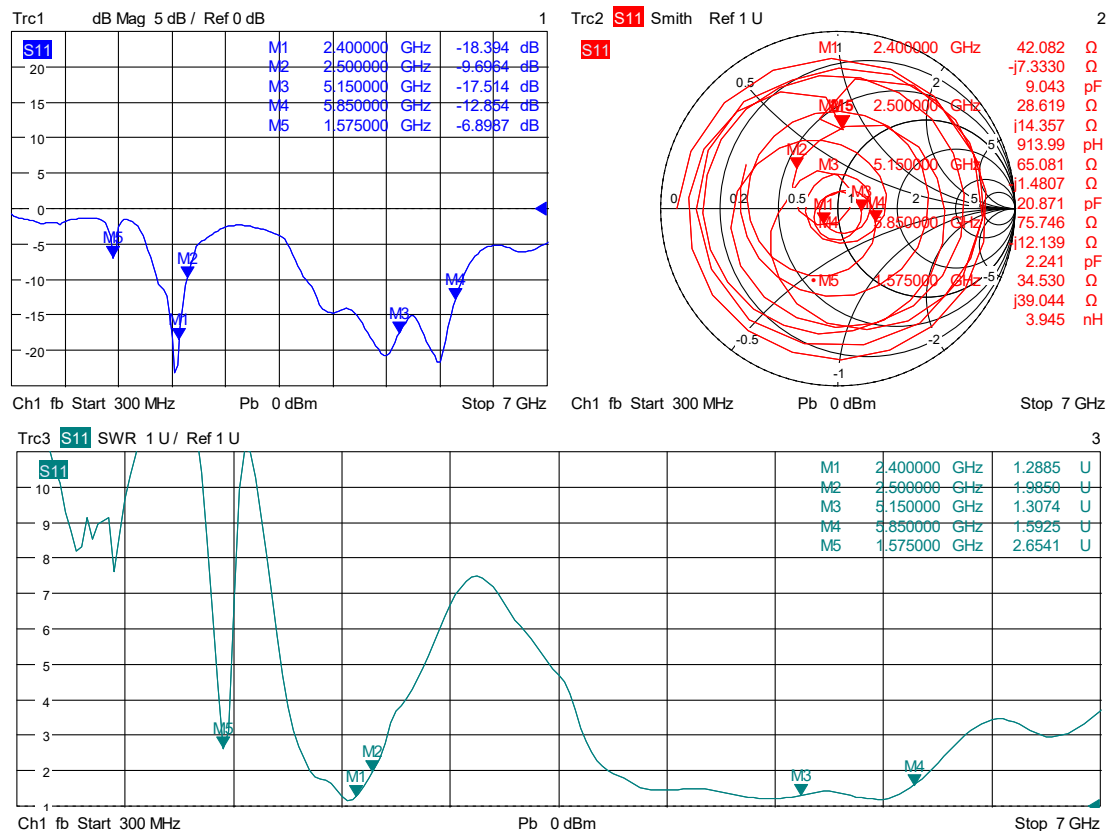
4. Antenna matching network:



Element	Value
E1(0201)	NC
E2(0201)	0 Ω
E3(0201)	NC

5. Antenna assembly method and environmental treatment:

- 6. Antenna electrical performance test data:
 - 6.1. Antenna passive parameters
 - 6.1.1. Antenna return loss (RL)/ VSWR/SmithChart



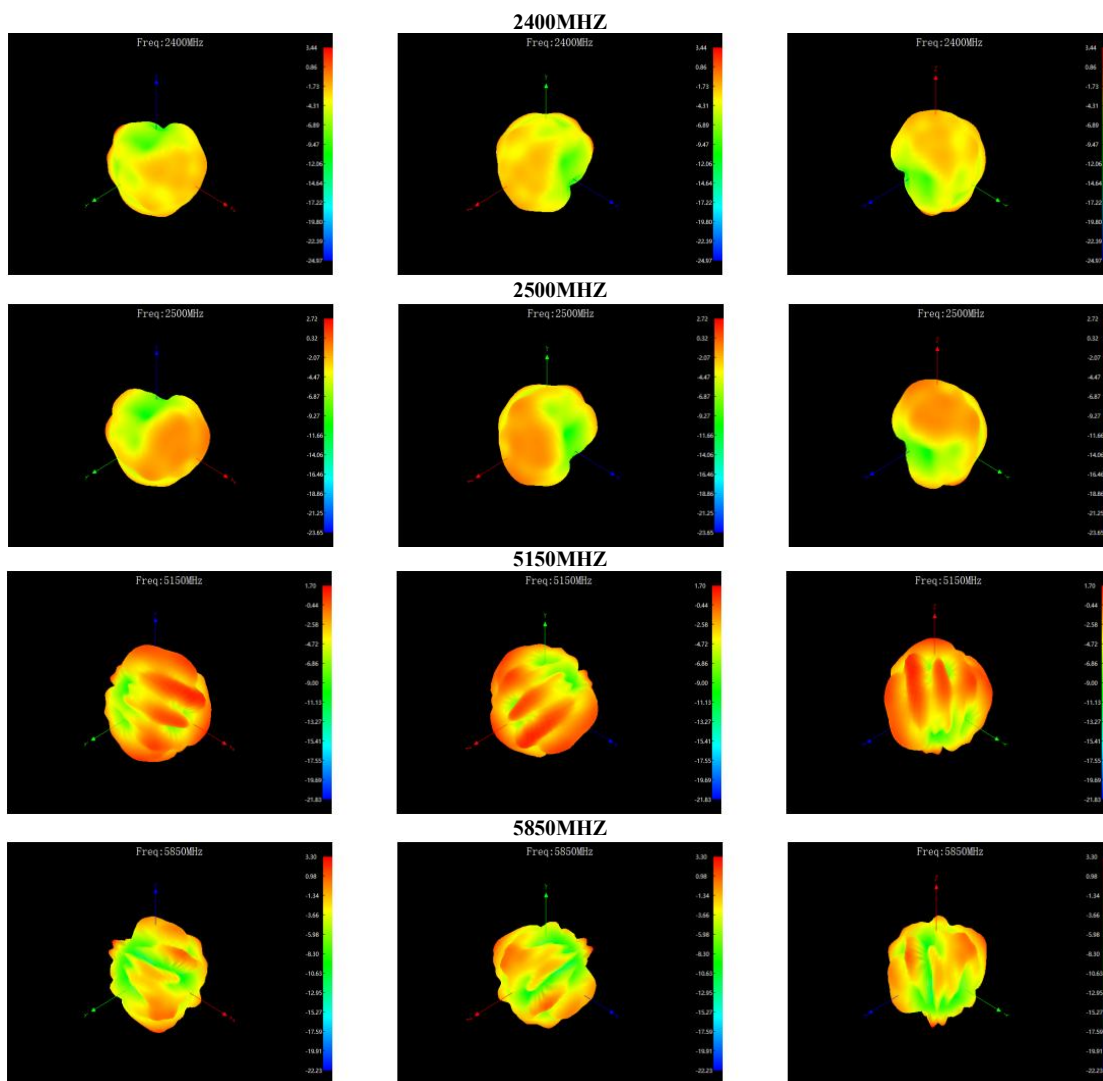
7/26/2024, 4:54 PM

6.1.2. Antenna efficiency/gain/direction diagram

Freq (MHz)	Effi (%)	MAXGain (dBi)	Freq (MHz)	Effi (%)	MAXGain (dBi)	Freq (MHz)	Effi (%)	MAXGain (dBi)
2400	35.81	3.44	2490	37.67	3.38	5470	40.74	2.26
2410	34.04	2.61	2500	35.65	2.72	5490	38.55	2.13
2420	35.16	2.74				5510	40.36	2.18
2430	35.4	2.49	5150	54.58	1.7	5530	37.41	1.68
2440	37.07	2.66	5170	52	1.27	5550	40.36	2.26
2450	36.39	2.93	5190	53.83	1.94	5570	42.27	2.83
2460	36.98	2.97	5210	53.83	1.98	5590	41.78	2.24
2470	38.37	3.46	5230	49.66	1.64	5610	41.4	1.7
2480	37.15	3.06	5250	52.72	1.34	5630	42.85	1.58



			5270	52.48	2.12	5650	39.36	1.32
			5290	49.77	2.34	5670	38.64	1.27
			5310	49.43	2.55	5690	43.45	1.91
			5330	49.55	2.16	5710	40.18	1.85
			5350	44.16	1.98	5730	45.08	2.41
			5370	46.13	2.84	5750	48.08	3.02
			5390	44.67	2.82	5770	50.7	3.42
			5410	46.03	2.98	5790	47.75	2.96
			5430	43.15	2.33	5810	48.42	3.3
			5450	43.35	2.56	5830	46.99	4.11
						5850	42.95	3.3





6.2 Antenna active parameter

6.2.1 BT TRP&TIS

NQI ANT TRP&TIS parameter Summary of W635W			
BAND	BT		
CHANNEL	0	39	78
TRP (dBm)	6.26	6.45	6.28
TIS (dBm)	-87.47	-88.69	-87.38

6.2.2 WIFI TRP/TIS

NQI ANT TRP&TIS parameter Summary of W635 41#			
BAND	WIFI-B		
CHANNEL	1	6	11
TRP (dBm)	12.15	13.32	12.09
TIS (dBm)	-85.33	-85.49	-85.18
BAND	WIFI-A		
CHANNEL	36	149	165
TRP (dBm)	12.19	12.37	12.48
TIS (dBm)	-72.27	-72.18	-70.19

unit: mm

