



深圳市安特通讯科技有限公司

ANT Communication Technology (Shenzhen) Co., LTD.

YT-920 Passive Antenna Tuning Report

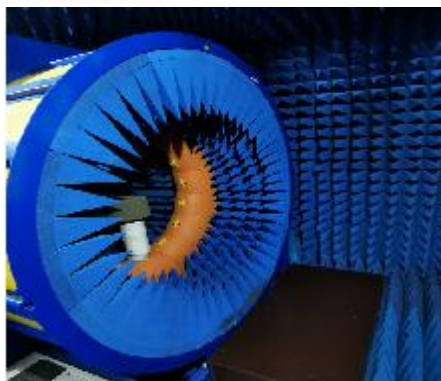
Date : 2026 / 07 / 17

Address: Room 701, Building A, Tongfu Hanhaida Industrial Park, No.1 Jiangfu Road, Xinzhuang Community, Matian Subdistrict, Guangming District, Shenzhen



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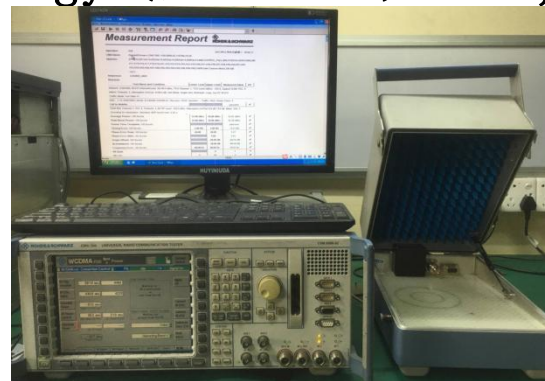
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FEITU-16



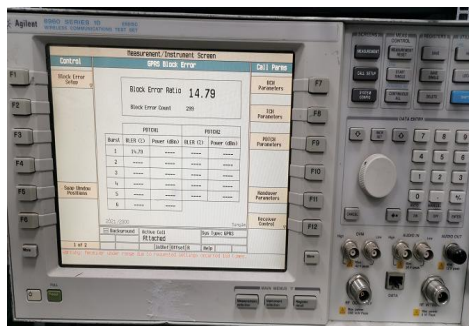
XH-24-5G



CUM GO



CMU RUN



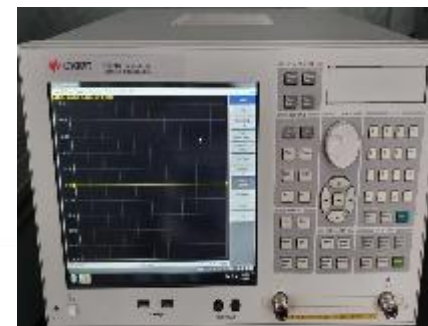
Agilent 8960



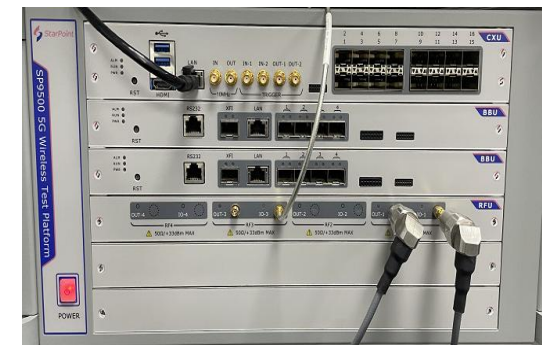
R&S CMW500



Anritsu MT8820C



KEYSIGHT E5071C



StarPoint SP9500

Test System	Test Environment	Active Measurement	Passive Measurement
FEITU-16	Ambient Temperature $22^{\circ}\text{C} \pm 3^{\circ}\text{C}$ RH $50\% \pm 15\%$	Supports testing of 2G, 3G, 4G, 5G, GPS, Wi-Fi and Bluetooth (BT)	400MHz-8.5GHz
XH-24			



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- 1、 Antenna Frequency Band**
- 2、 Antenna Location**
- 3、 Passive OTA Chamber Test Data**



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1. Antenna Frequency Band

BT : 2.4GHz-2.5GHz

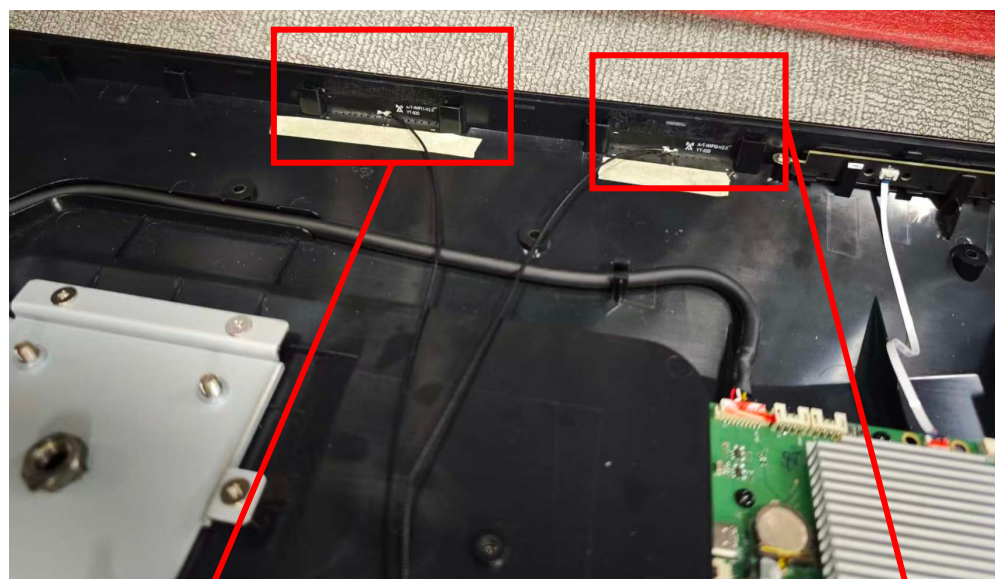
WIFI: 2.4GHz-2.5GHz、 5.15GHz-5.85GHz



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2. Antenna Location



wifi2

wifi1



BT



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3、Passive OTA Chamber Test Data

BT

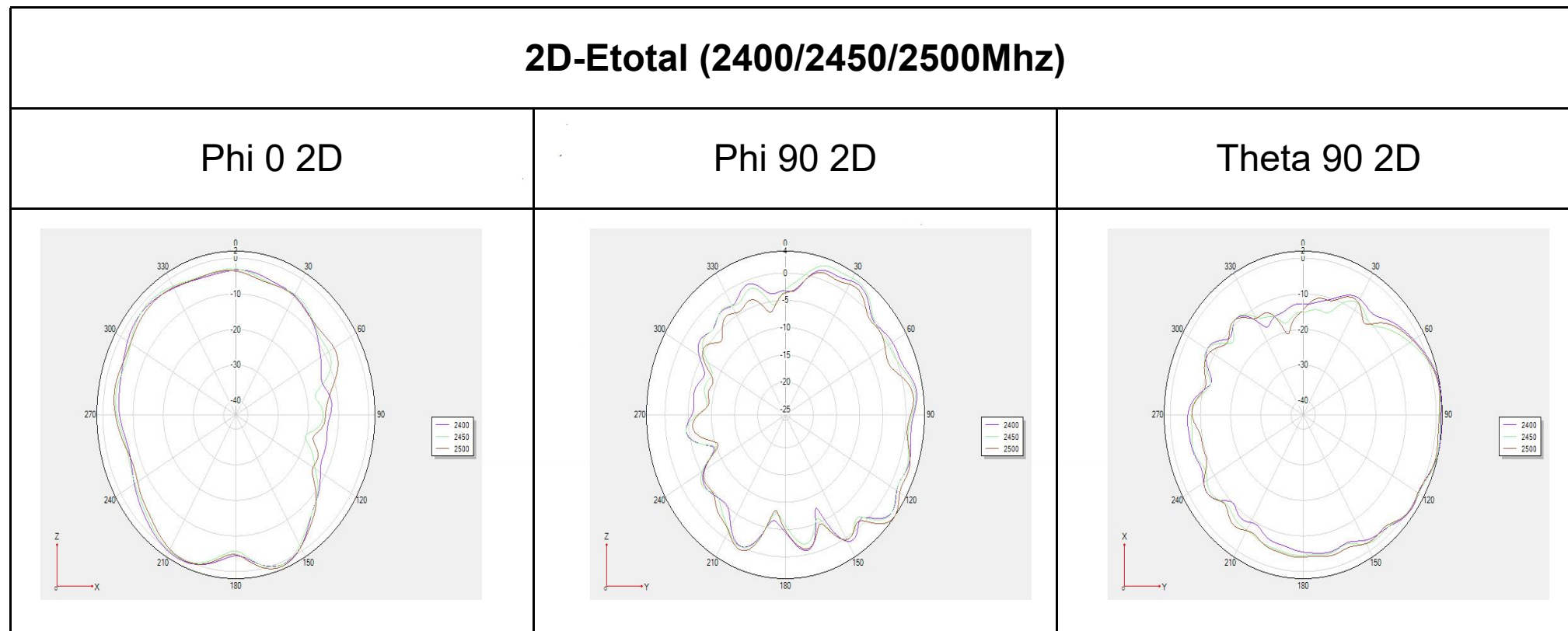
Passive Test			
Frequency/MHz	Efficiency/dB	Efficiency/%	MaxErc/dBi
2400	-3.72	42.43	2.68
2410	-3.71	42.55	2.69
2420	-3.70	42.66	2.75
2430	-3.64	43.21	2.82
2440	-3.47	44.95	2.94
2450	-3.53	44.34	2.98
2460	-3.51	44.59	2.96
2470	-3.63	43.33	2.87
2480	-3.65	43.12	2.86
2490	-3.65	43.17	2.81
2500	-3.67	42.93	2.72



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3、Passive OTA Chamber Test Data

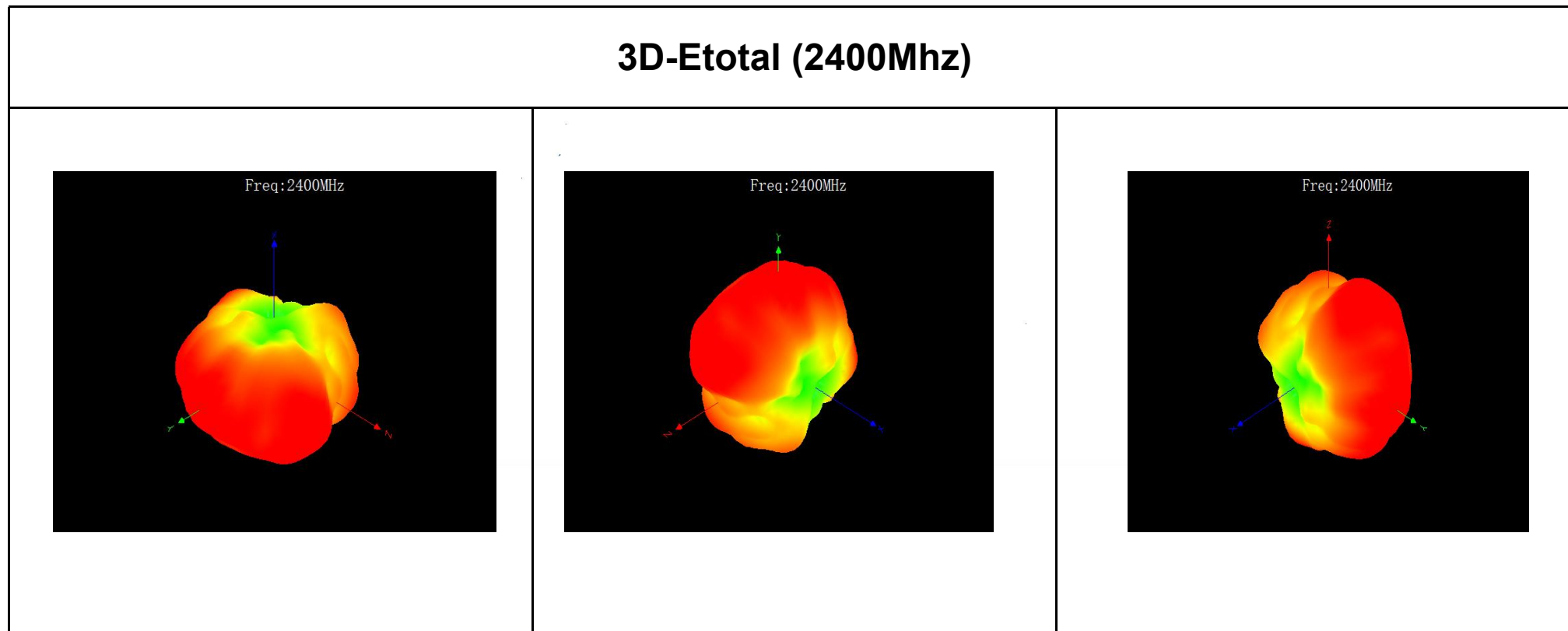




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3、Passive OTA Chamber Test Data

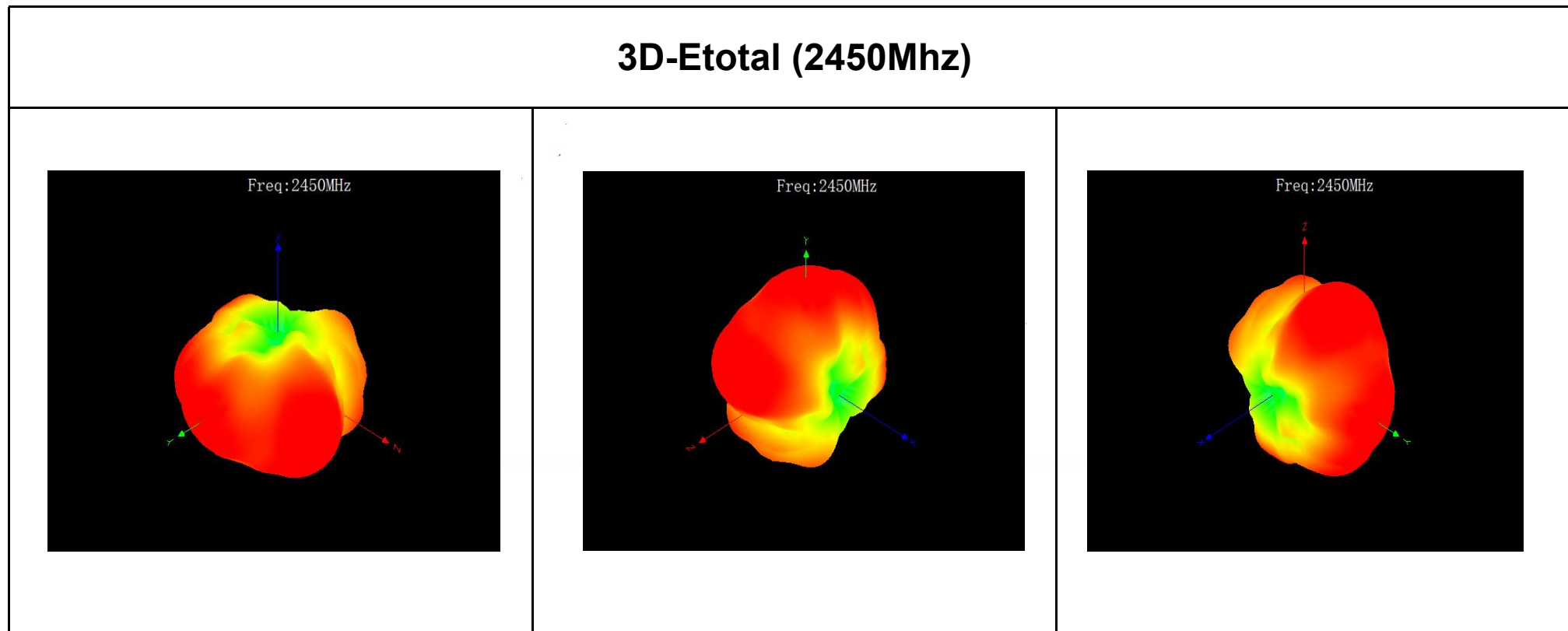




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3、Passive OTA Chamber Test Data

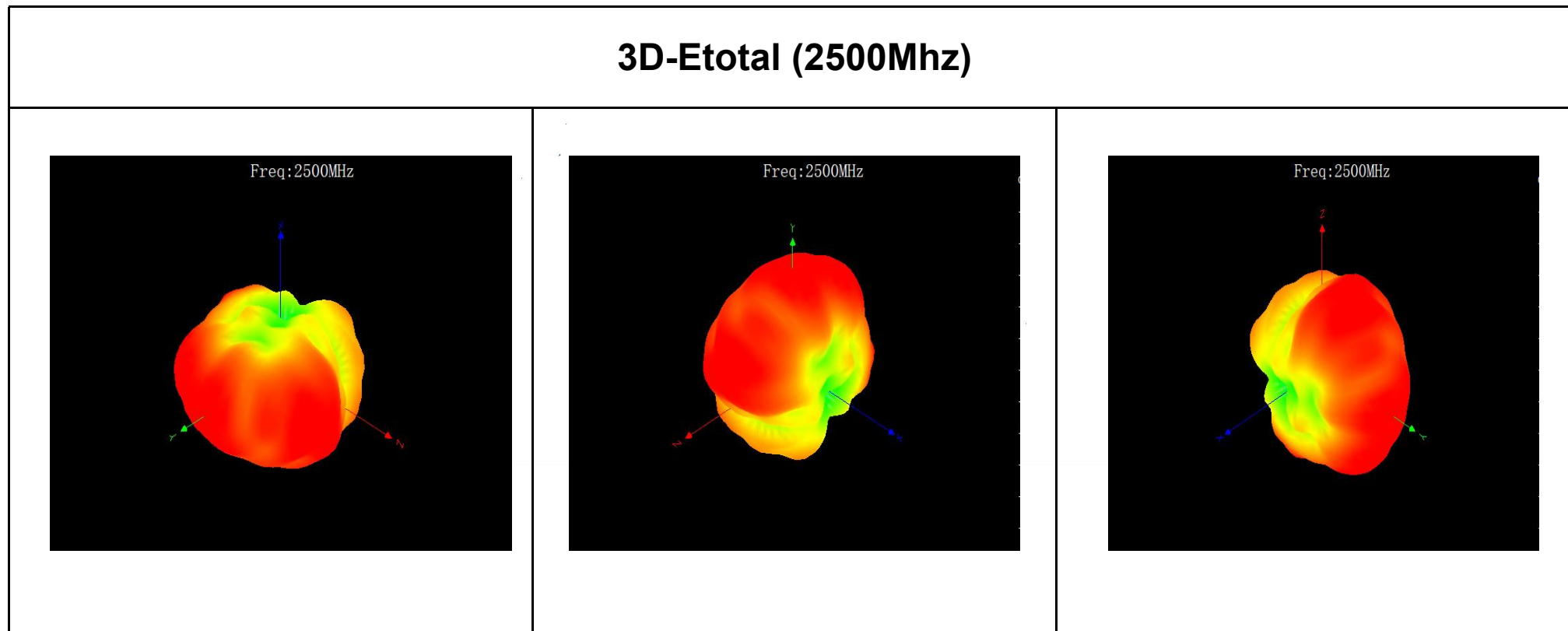




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3、Passive OTA Chamber Test Data





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3、Passive OTA Chamber Test Data

wifi1

Passive Test			
Frequency/MHz	Efficiency/dB	Efficiency/%	MaxGain/dBi
2400	-3.71	42.56	2.64
2410	-3.69	42.76	2.79
2420	-3.63	43.35	2.81
2430	-3.51	44.57	2.85
2440	-3.38	45.92	3.08
2450	-3.39	45.81	3.11
2460	-3.28	46.99	3.19
2470	-3.48	44.87	3.07
2480	-3.56	44.06	2.99
2490	-3.58	43.85	2.87
2500	-3.71	42.56	2.72

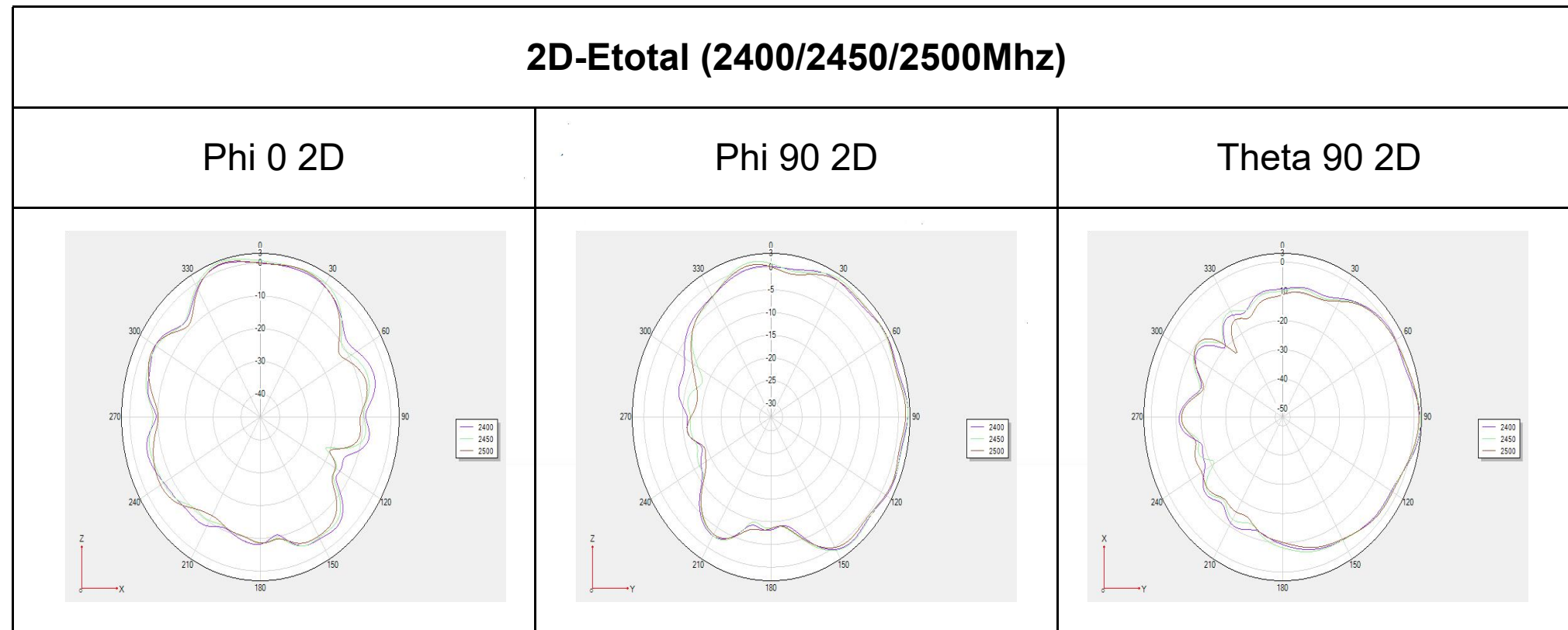
Passive Test			
Frequency/MHz	Efficiency/dB	Efficiency/%	MaxGain/dBi
5150	-4.03	39.54	2.51
5200	-3.92	40.55	2.57
5250	-3.92	40.55	2.65
5300	-3.96	40.18	2.69
5350	-3.8	41.69	2.71
5400	-3.67	42.95	2.72
5450	-3.61	43.55	2.87
5500	-3.51	44.57	2.77
5550	-3.76	42.07	2.72
5600	-3.77	41.98	2.68
5650	-3.84	41.3	2.67
5700	-3.87	41.02	2.59
5750	-3.87	41.02	2.55
5800	-3.92	40.55	2.54
5850	-3.97	40.09	2.50



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3、Passive OTA Chamber Test Data

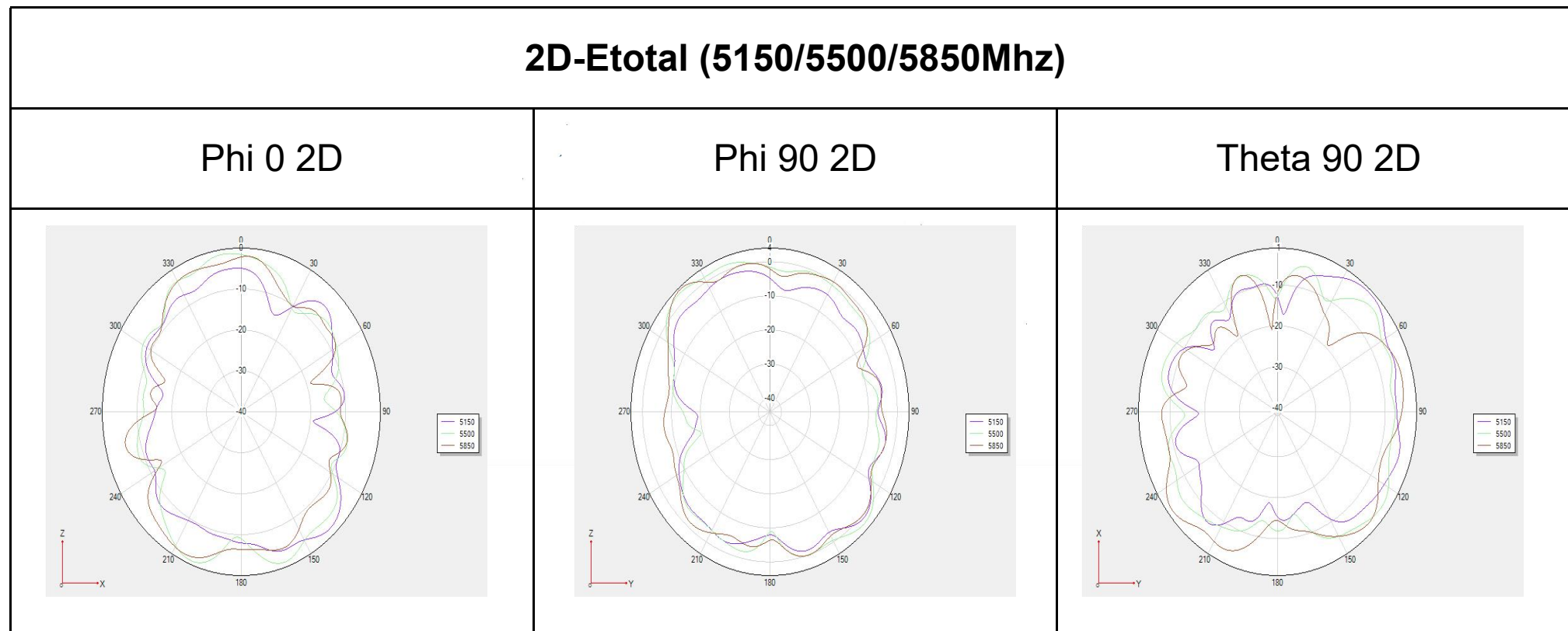




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3、Passive OTA Chamber Test Data

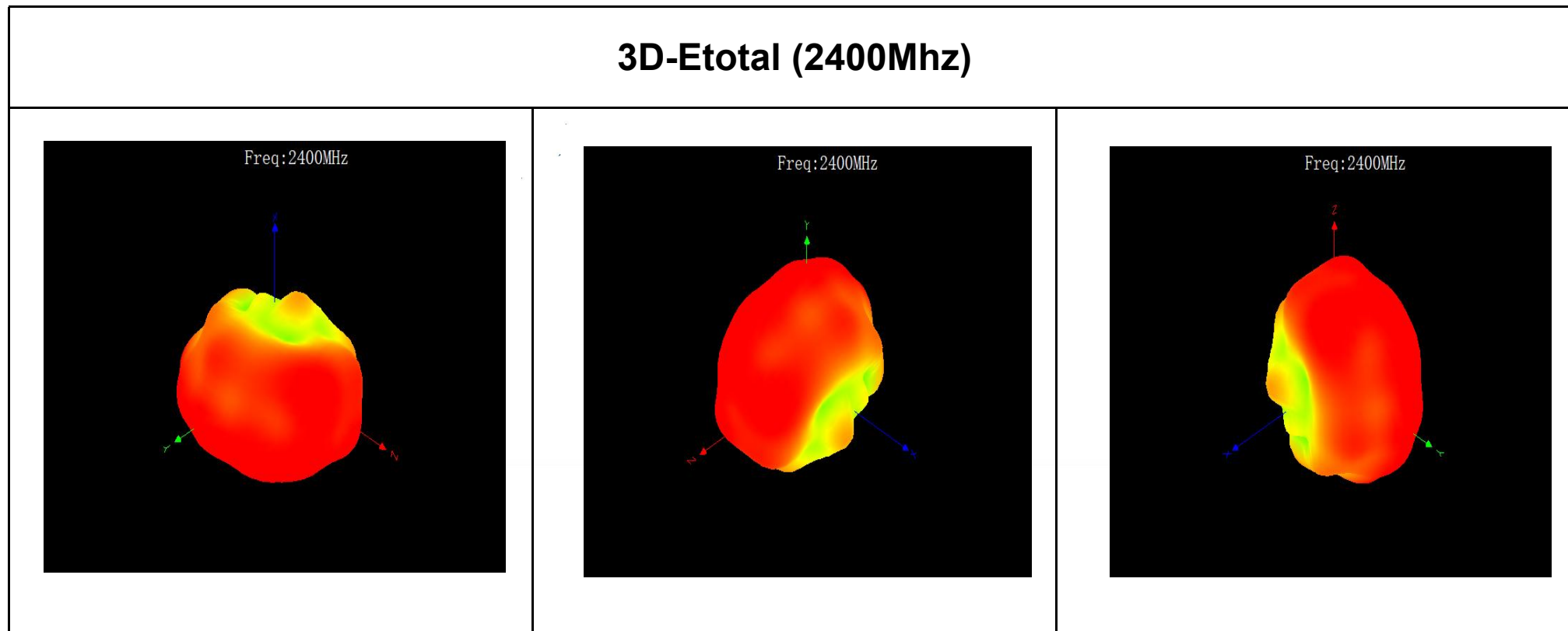




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3、Passive OTA Chamber Test Data

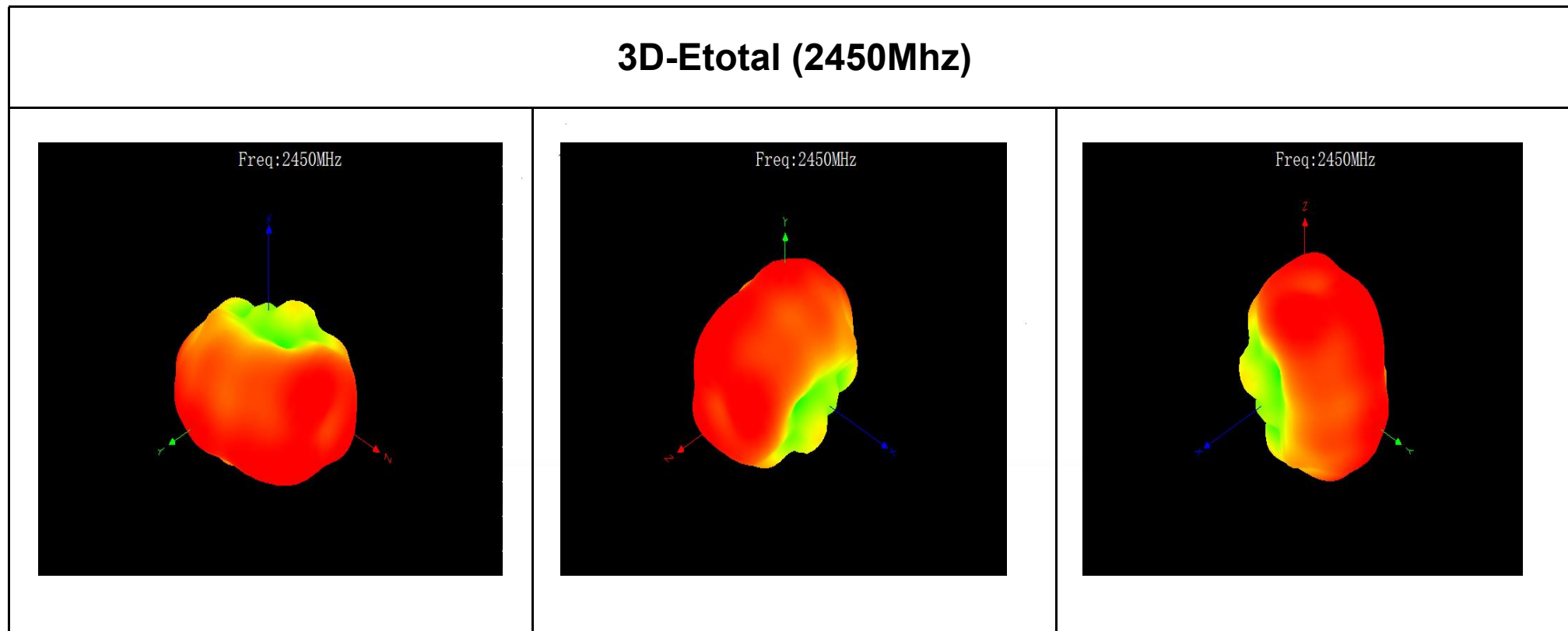




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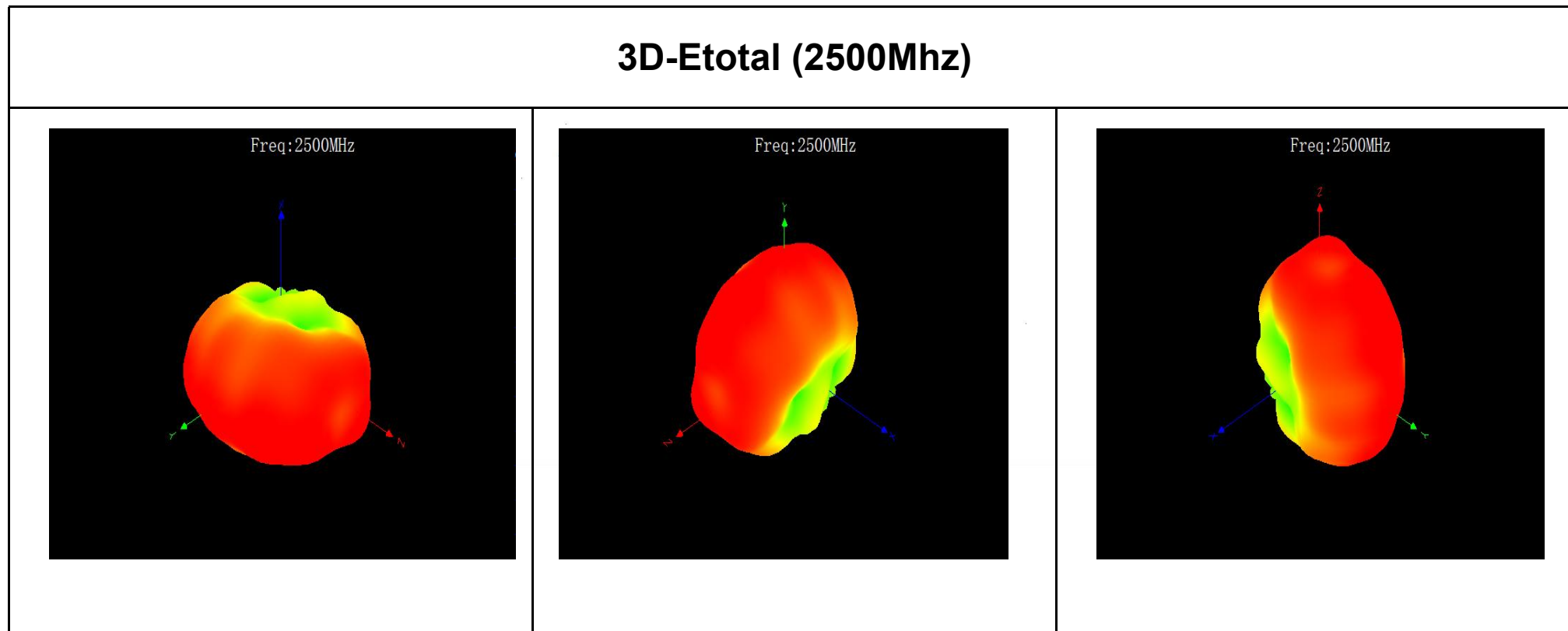




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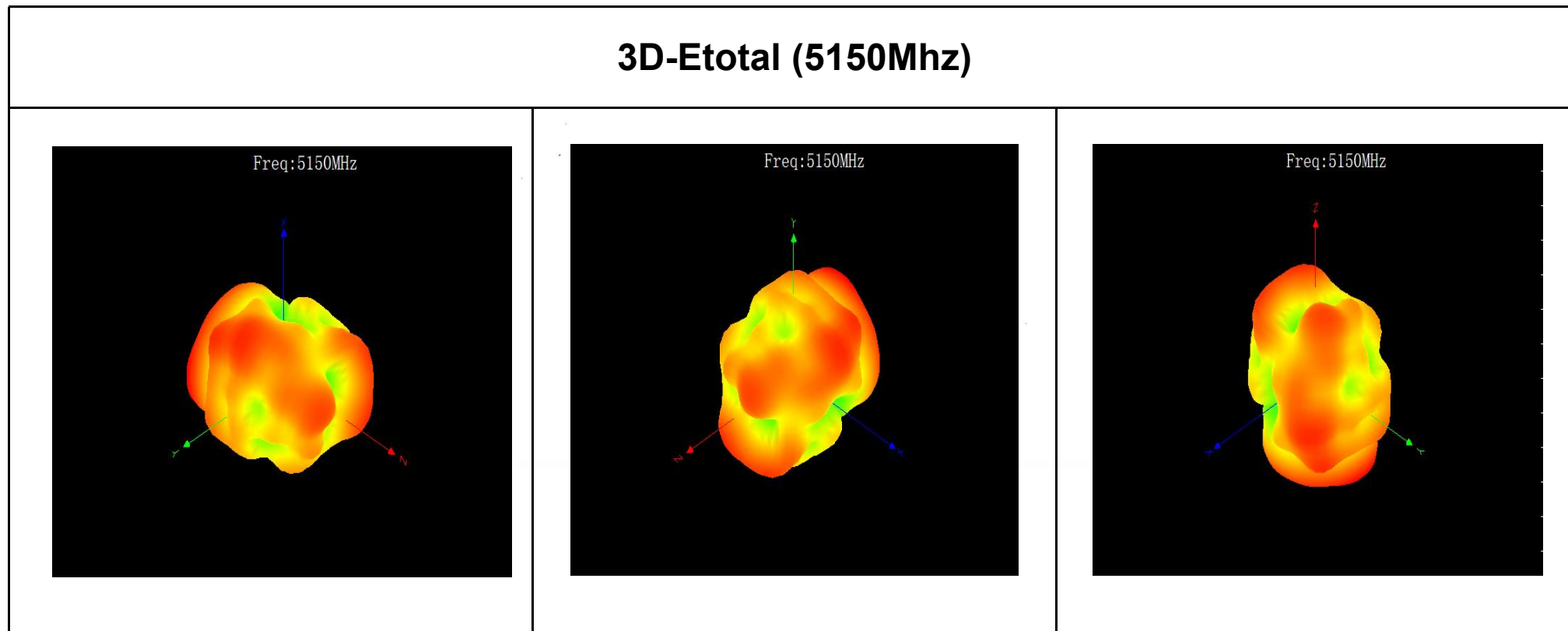




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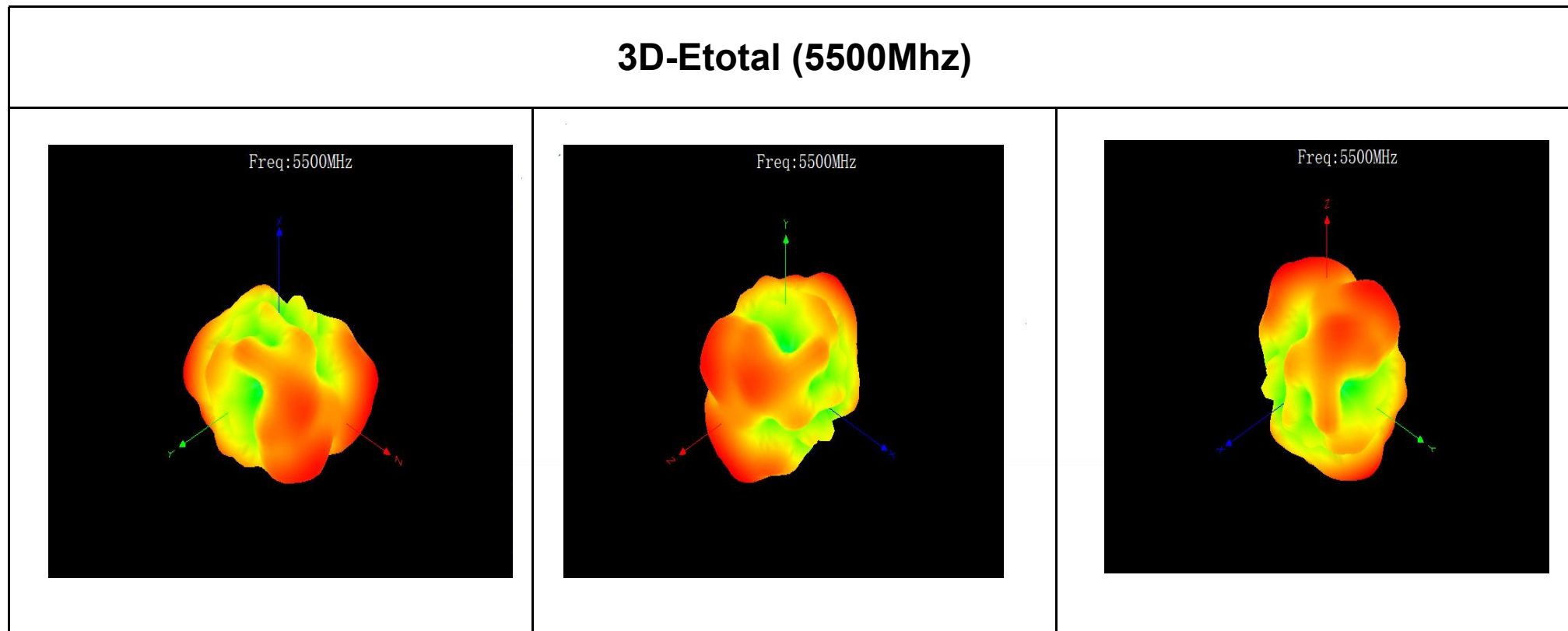




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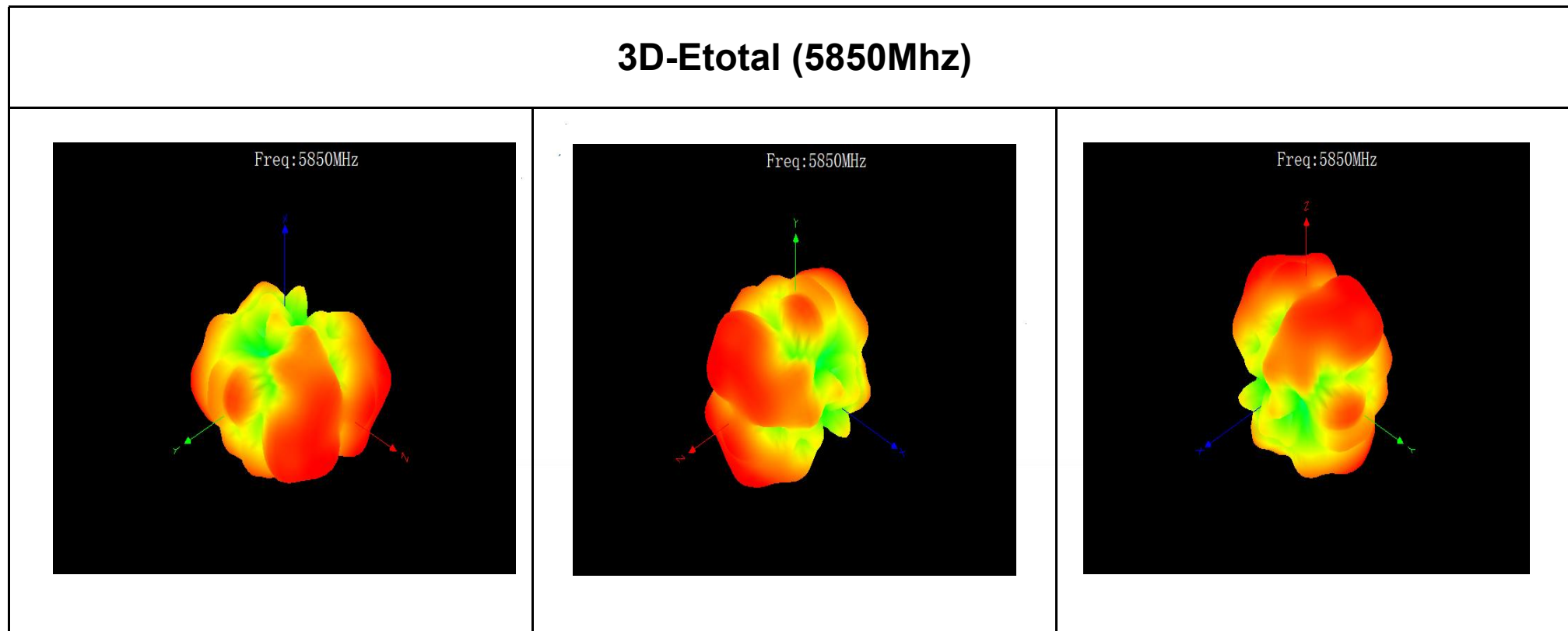




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3、Passive OTA Chamber Test Data

wifi2

Passive Test			
Frequency/MHz	Efficiency/dB	Efficiency/%	MaxGain/dBi
2400	-3.66	43.02	2.64
2410	-3.57	43.98	2.73
2420	-3.50	44.66	2.74
2430	-3.47	44.95	2.76
2440	-3.20	47.81	2.83
2450	-3.22	47.6	3.01
2460	-3.20	47.81	2.81
2470	-3.50	44.66	2.64
2480	-3.58	43.88	2.74
2490	-3.64	43.21	2.77
2500	-3.66	43.05	2.59

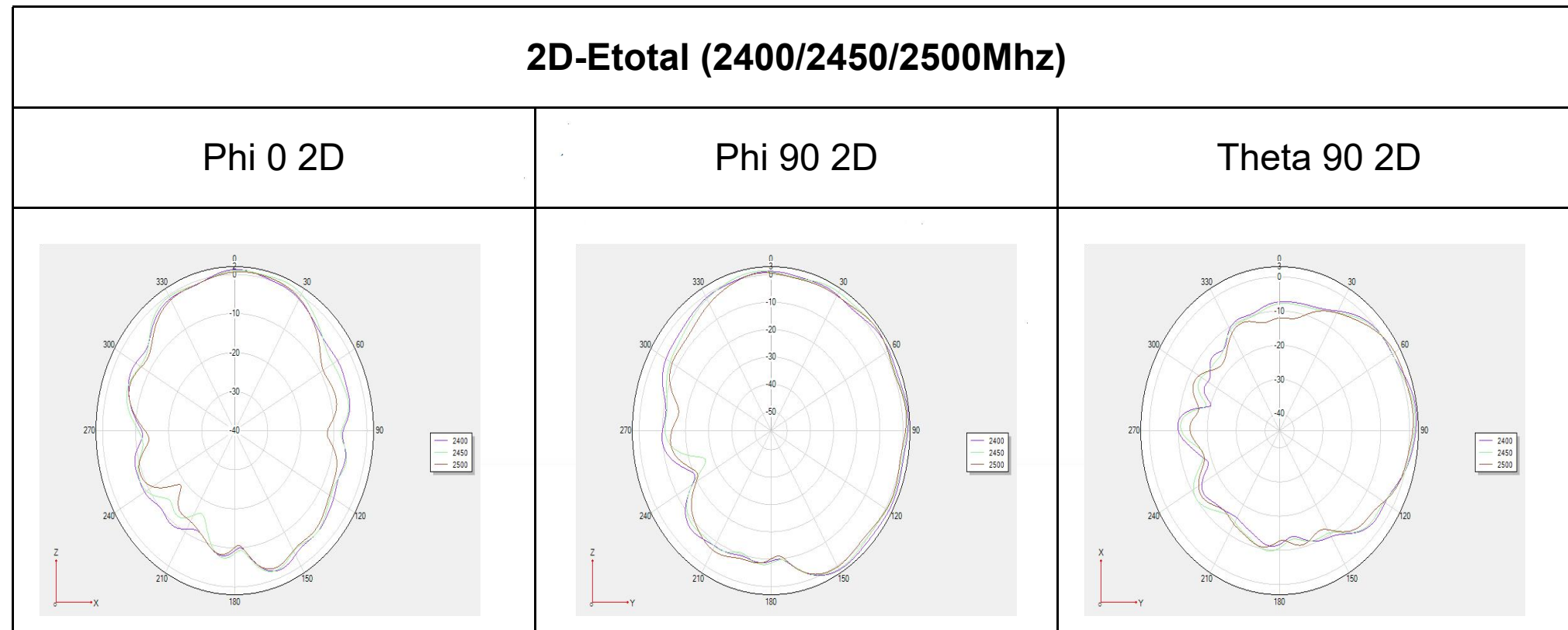
Passive Test			
Frequency/MHz	Efficiency/dB	Efficiency/%	MaxGain/dBi
5150	-3.98	39.99	2.69
5200	-3.92	40.55	2.74
5250	-3.77	41.98	2.79
5300	-3.69	42.76	2.87
5350	-3.55	44.16	2.93
5400	-3.49	44.77	2.94
5450	-3.42	45.5	3.28
5500	-3.5	44.67	3.1
5550	-3.55	44.16	3.17
5600	-3.69	42.76	2.79
5650	-3.72	42.46	2.76
5700	-3.71	42.56	2.69
5750	-3.78	41.88	2.64
5800	-3.91	40.64	2.61
5850	-4.03	39.54	2.58



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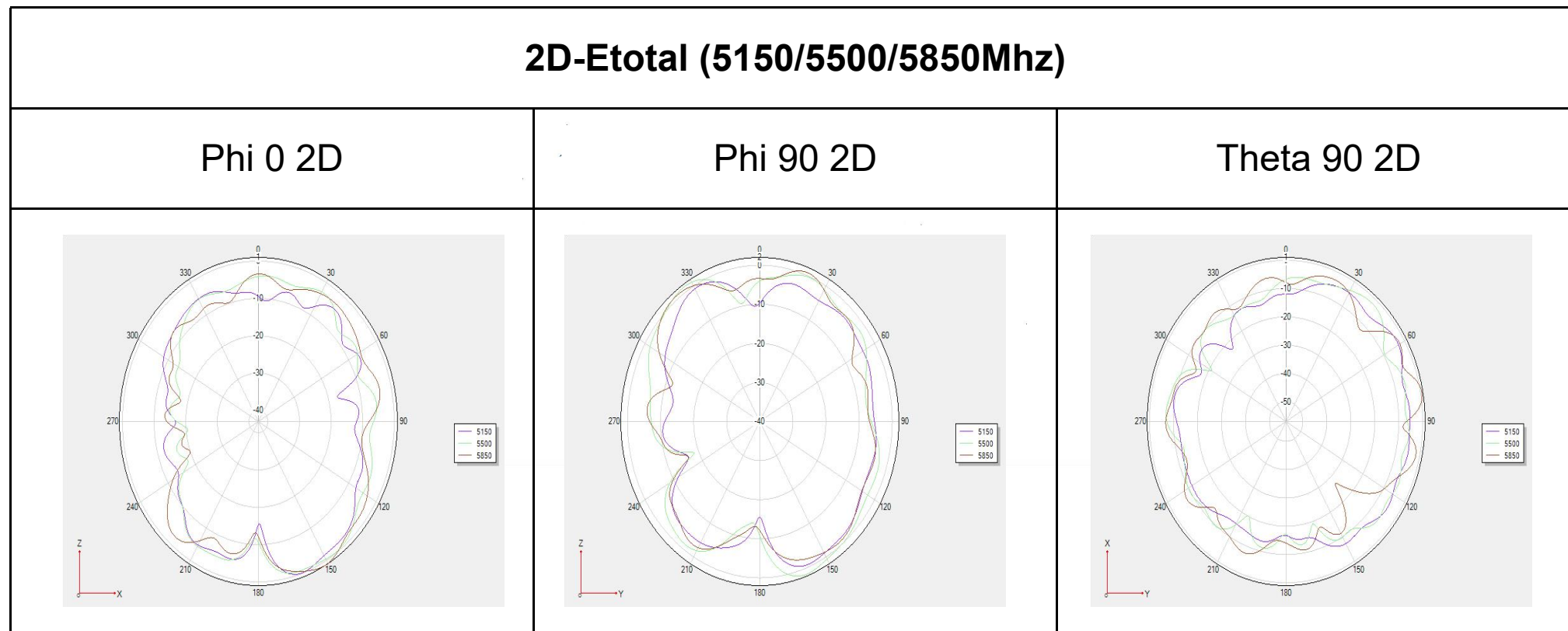




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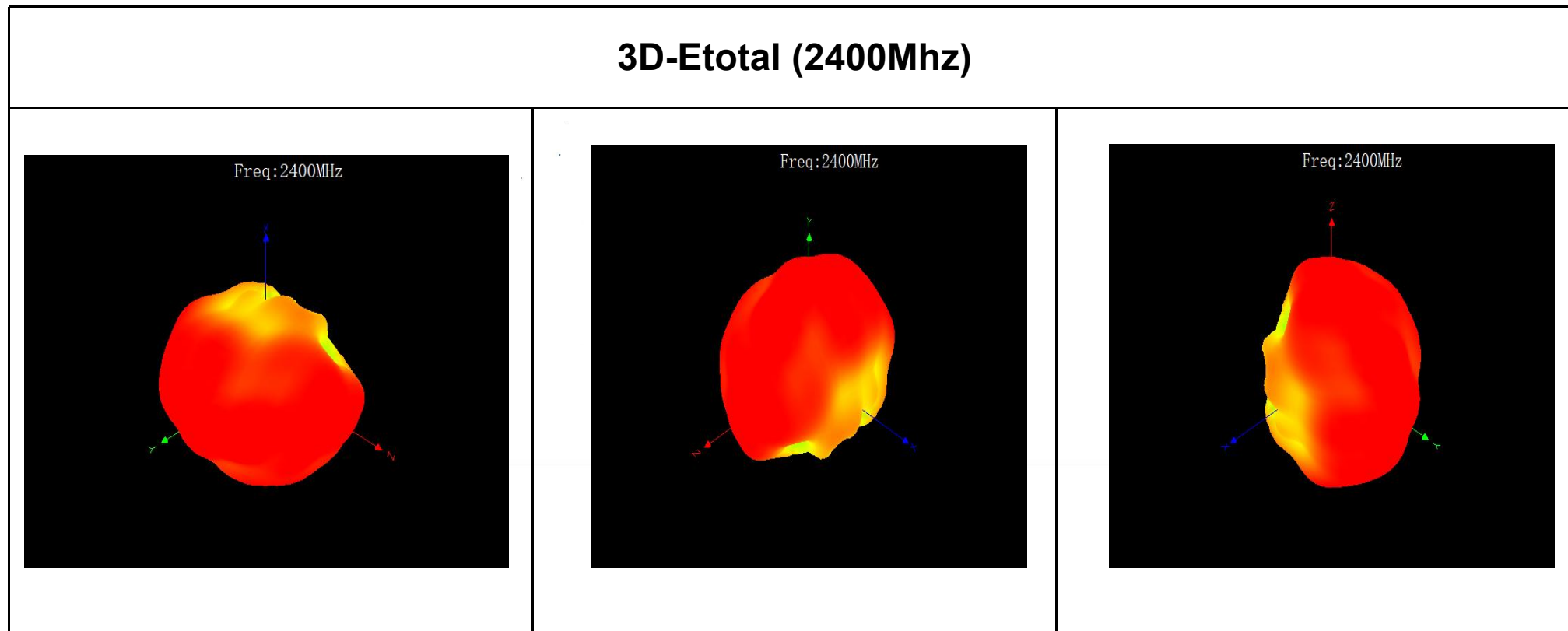




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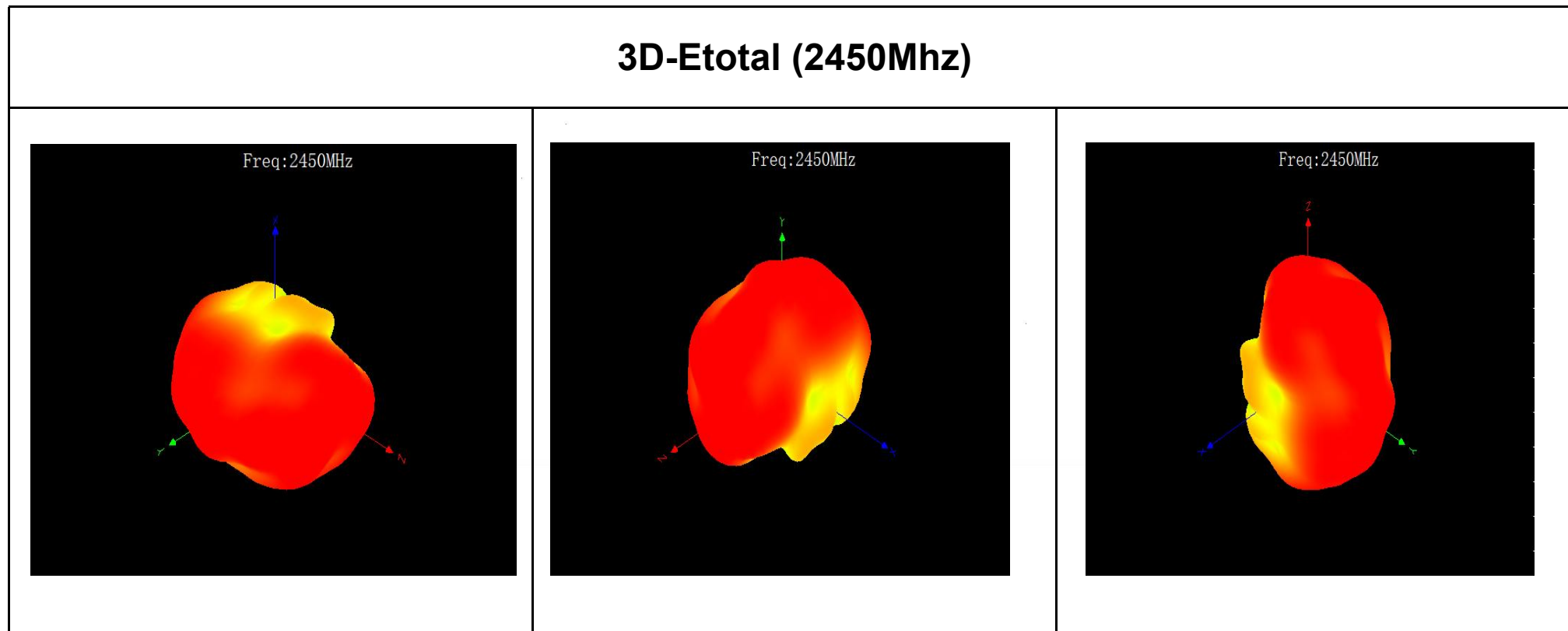




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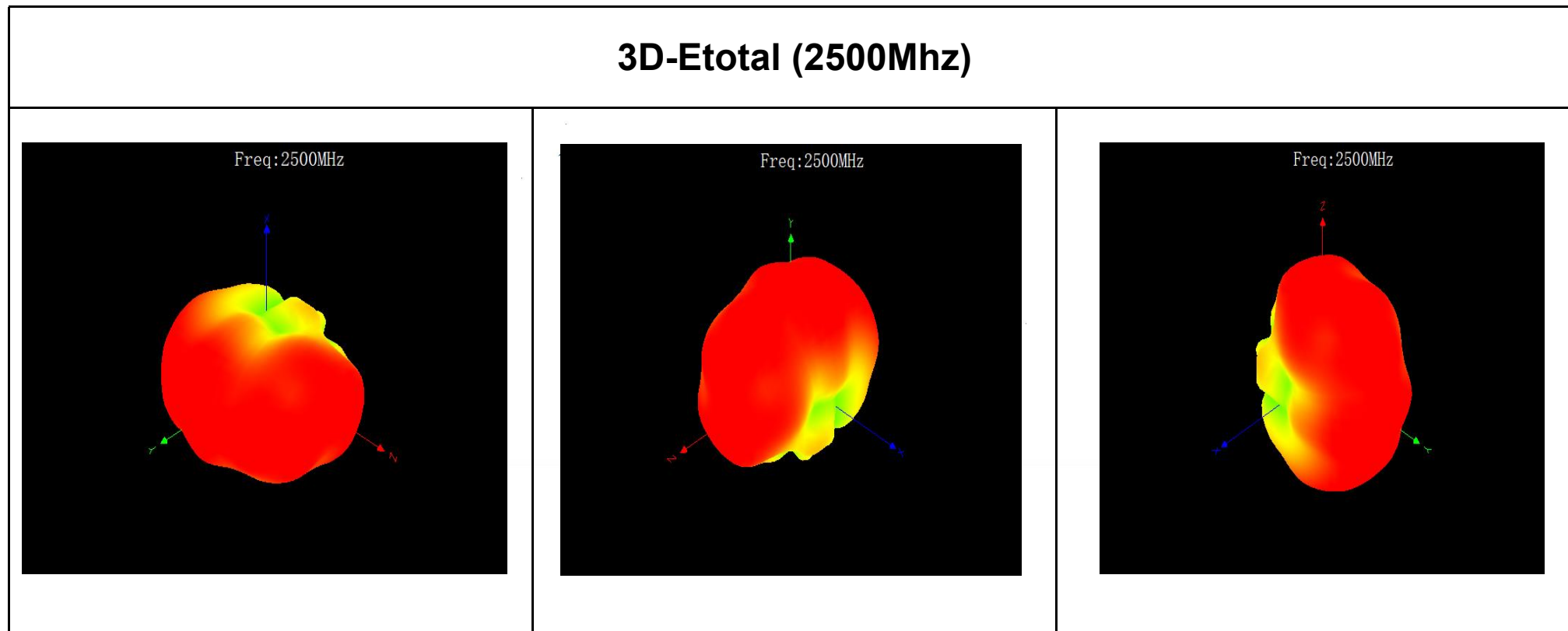




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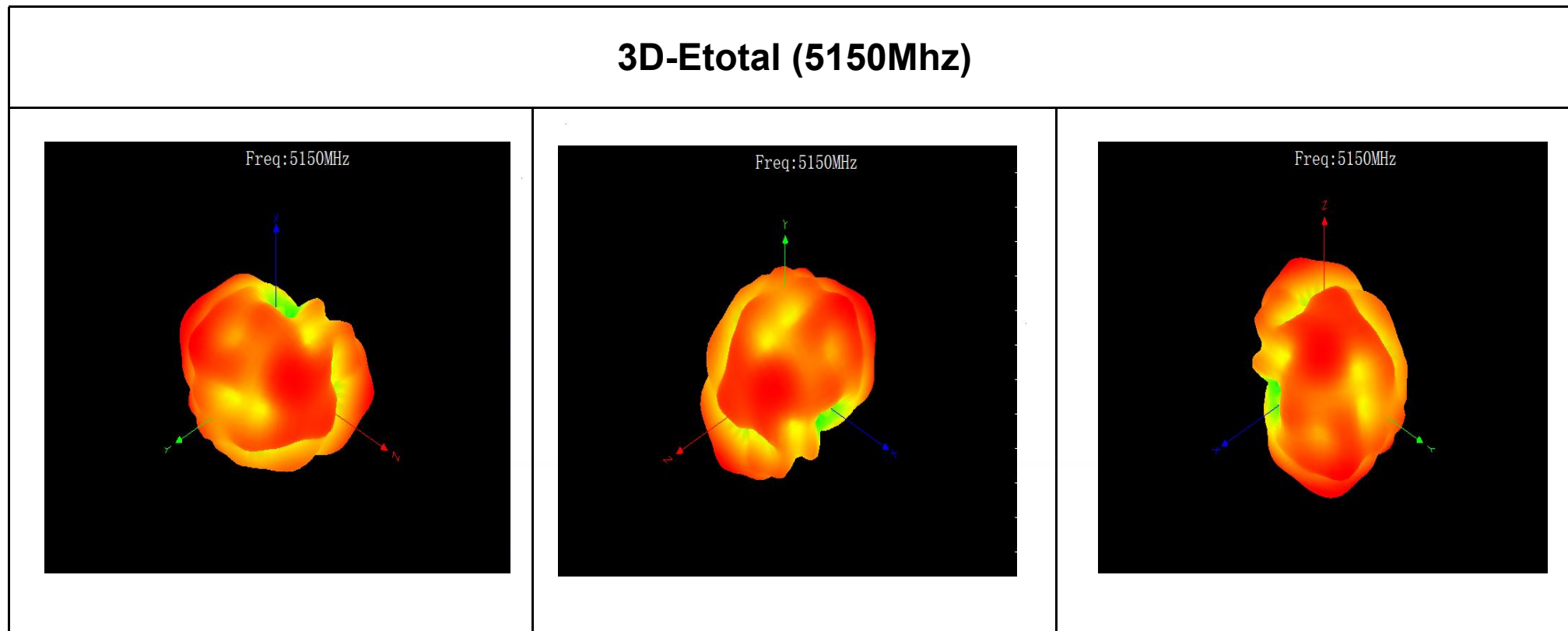




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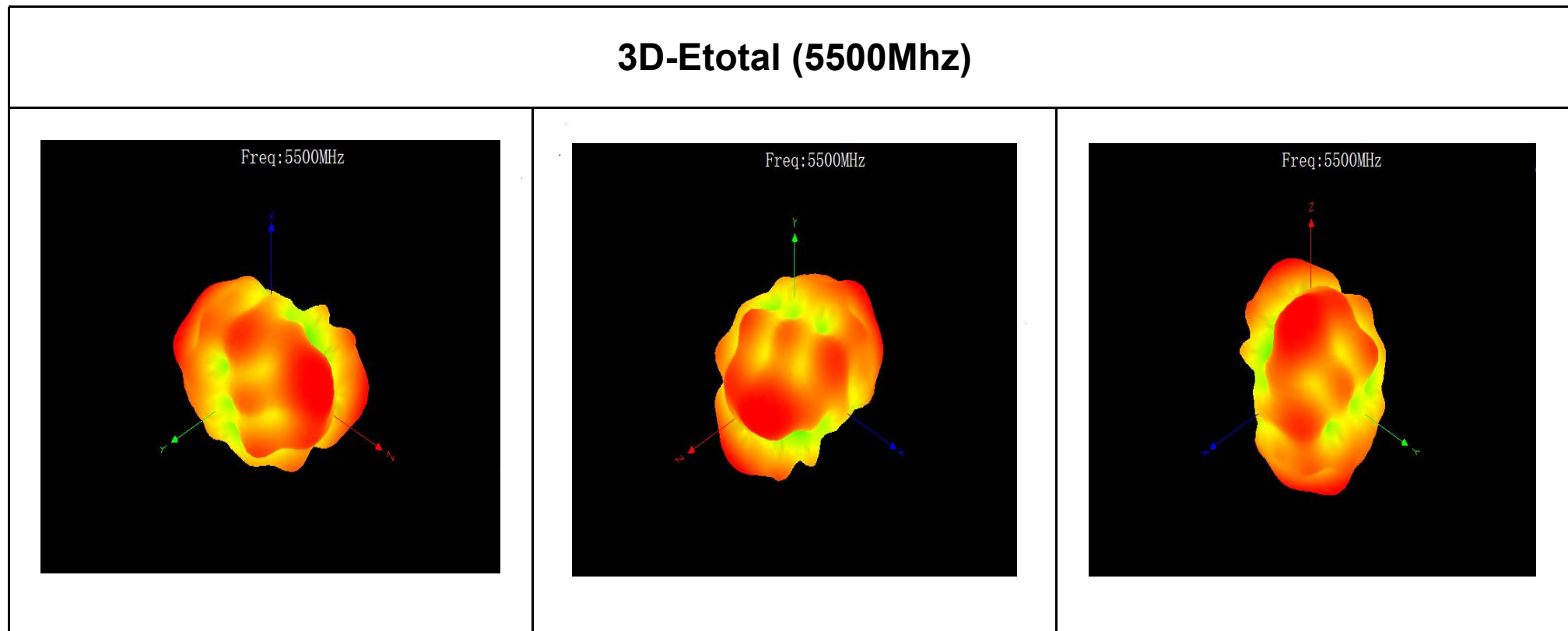




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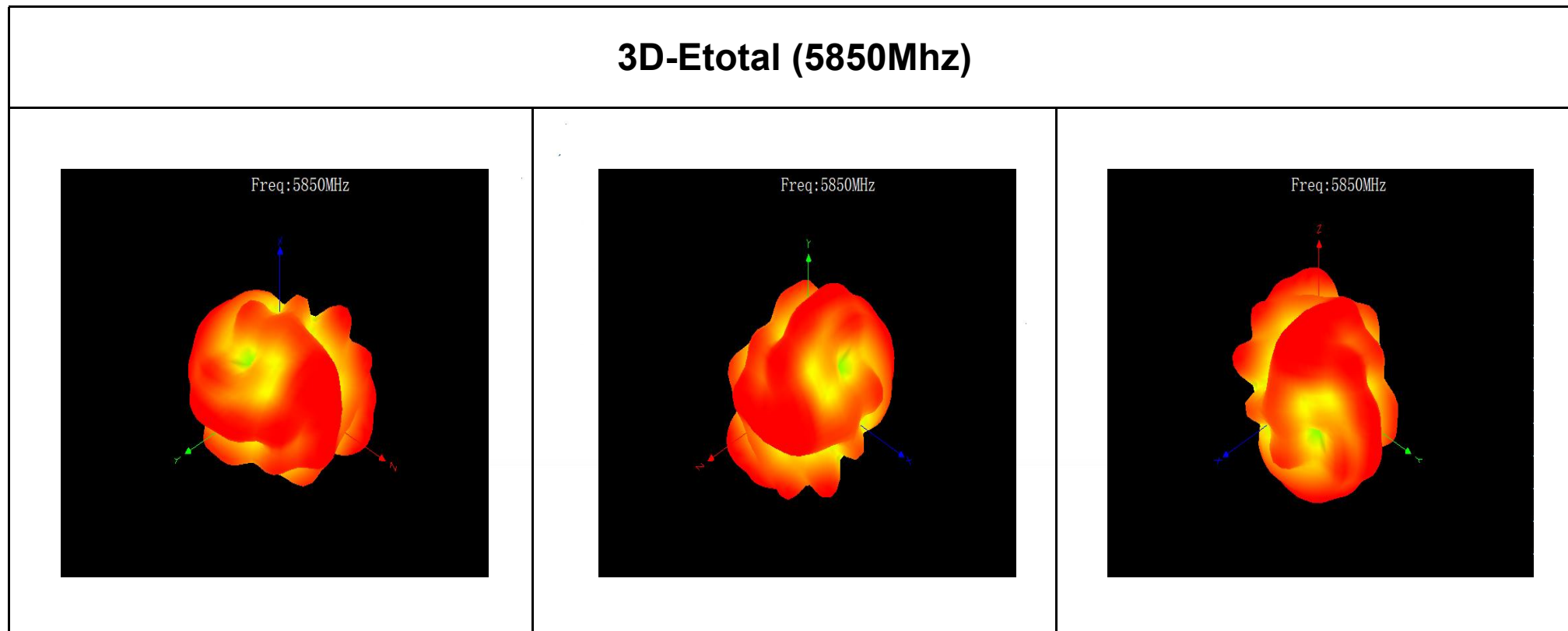




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THANK YOU!