

Razer T2 antenna test report

By : GGEC

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SINCE 1951

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Razer T2 antenna test report

Antenna test report

1. Chamber coordinate system
2. Antenna location
3. Active test data
4. Passive test data
5. Conclusion



Razer T3 antenna test report

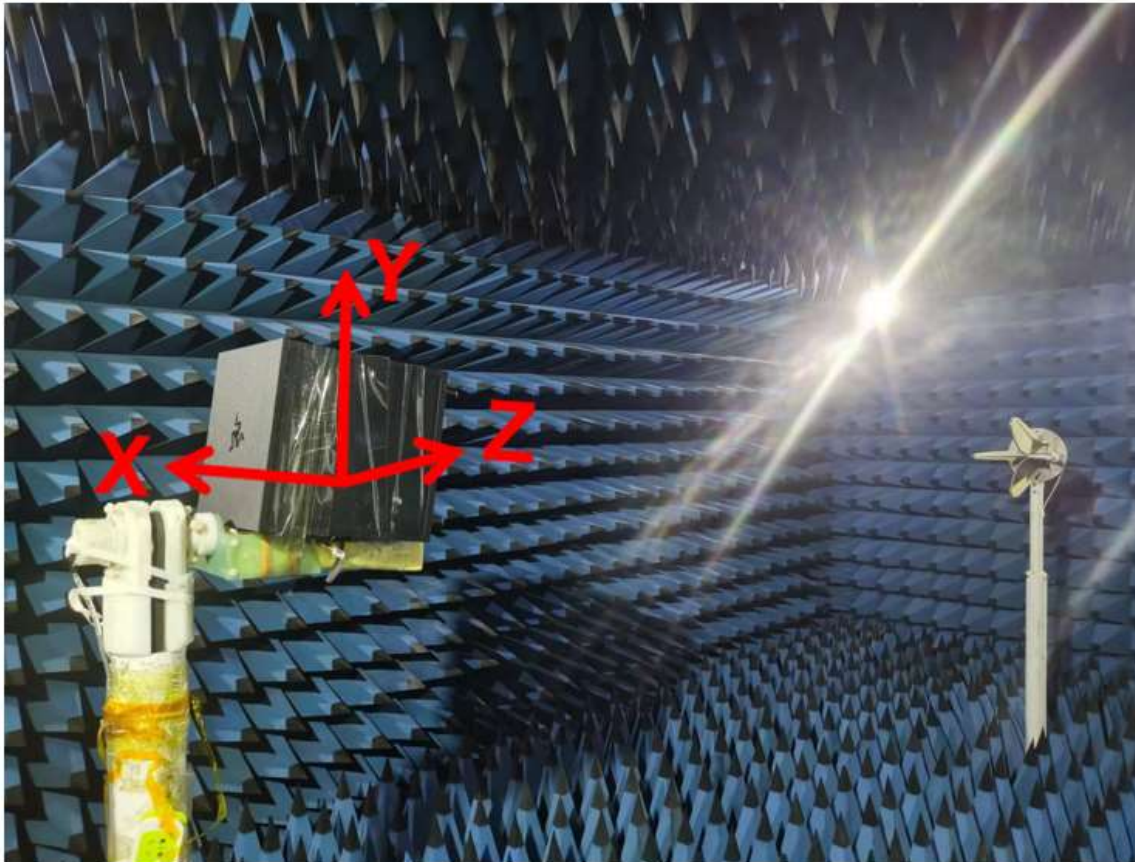
1. Revised History

Version NO.	Revised Date	Revised by	Description	Notes
V1.0	2022-06-13		test report based on the Preproduction prototype	



Razer T3 antenna test report

2. Chamber coordination system



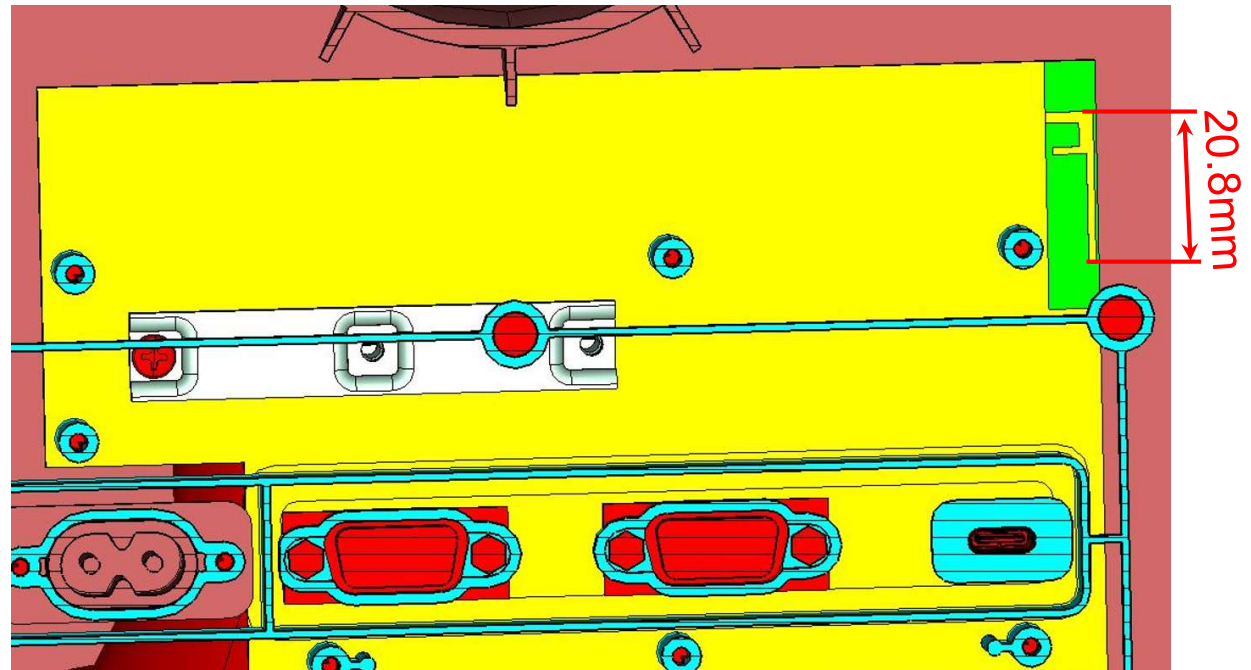
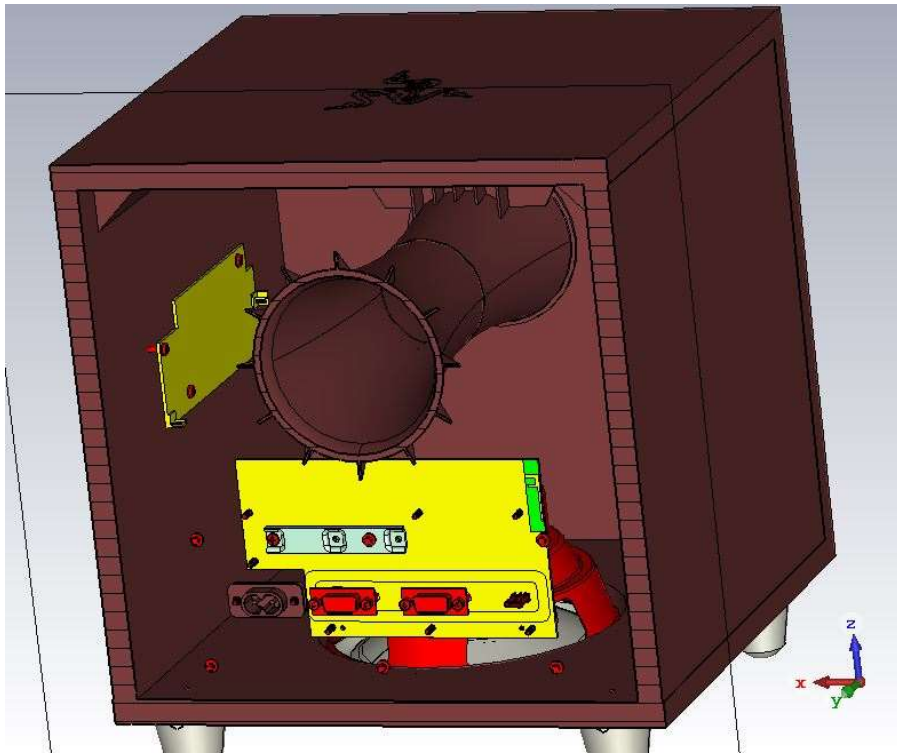
网络分析仪：
Keysight E5071C

备注：
H 面：XOY面
E1面：XOZ面
E2面：YOZ面



Razer T2 antenna test report

3. Antenna location





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4. Active test data

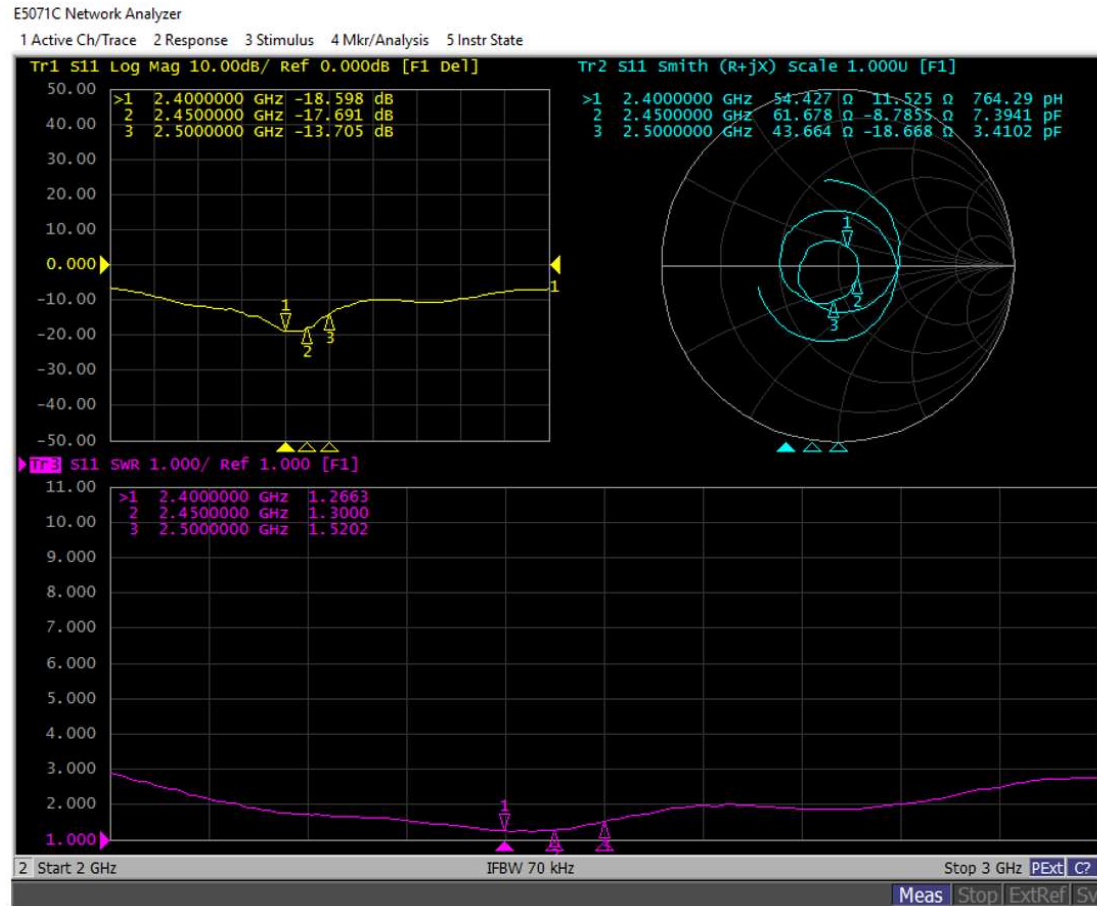
综合测试仪: CMW500

Test Result	BT		
	0	39	78
Frequency (MHz)	2402	2441	2480
TRP(dBm)	7.72	7.14	6.25
TIS(dBm)	-93.85	-93.04	-92.73



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5. Passive test data (S11)





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5. Passive test data (Efficiency & Peak gain)

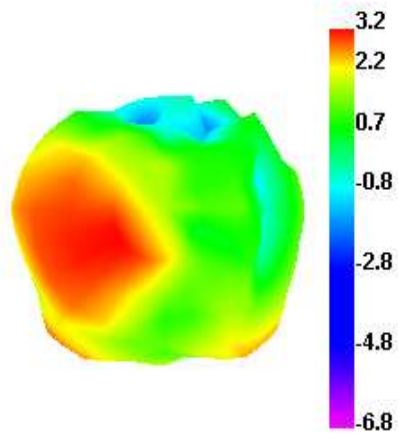
Passive Test For 2.4-BT		
Freq (MHz)	Effi (%)	Gain (dBi)
2400	55.19	3.25
2410	53.73	3.21
2420	52.94	3.23
2430	53.58	3.32
2440	52.23	3.18
2450	54.67	3.29
2460	55.59	3.21
2470	55.22	3.07
2480	52.57	2.69
2490	53.15	2.72
2500	56.95	2.98



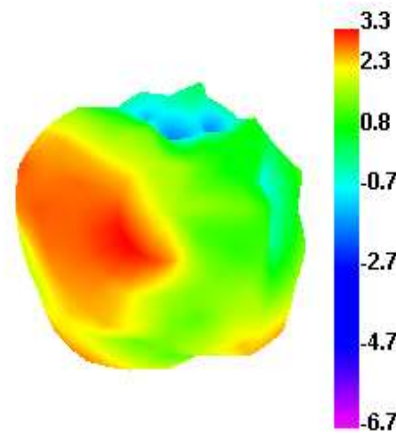
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5. Passive test data (radiation pattern)

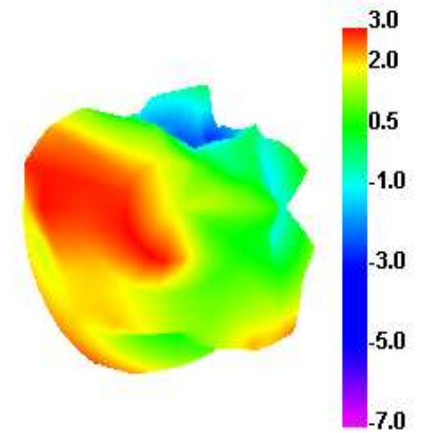
2400.000MHz



2450.000MHz



2500.000MHz

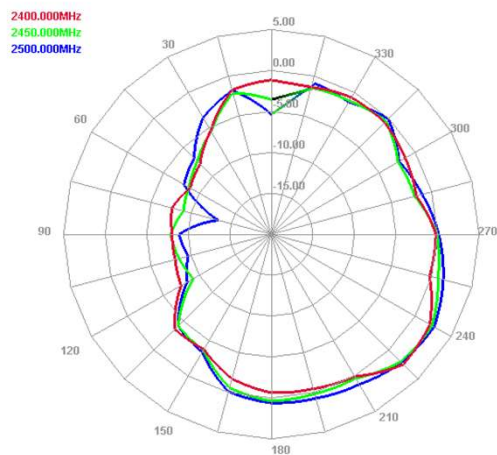




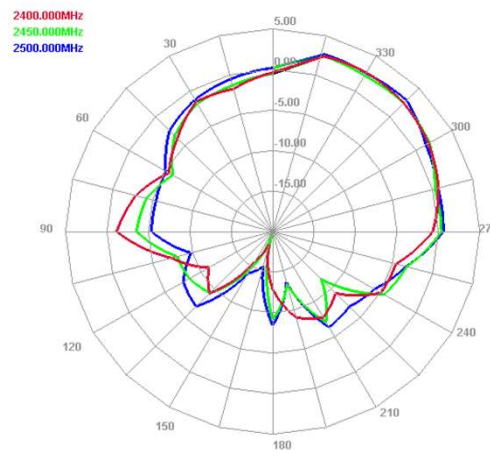
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5. Passive test data (radiation pattern)

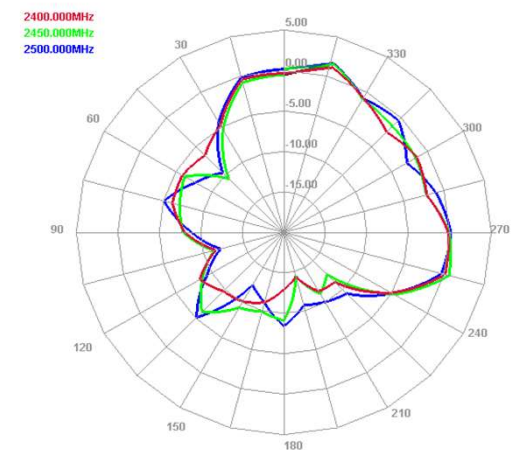
Horizontal



E1 Face



E2 Face





Razer T2 antenna test report

6. Conclusion

1. Active test data of T2 prototype is normal.
2. Passive test data of T2 prototype antenna is normal.



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THANKS!

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