

Antenna Part Specification

Model No : RC30-0516

Antenna material : SRD Antenna

Antenna type : FPC Antenna

Version : V2.0

Date : 2024.06.13

Manufacturer : Razer Inc.

Address : 9 Pasteur, Suite 100, Irvine, CA92618, USA

Contents

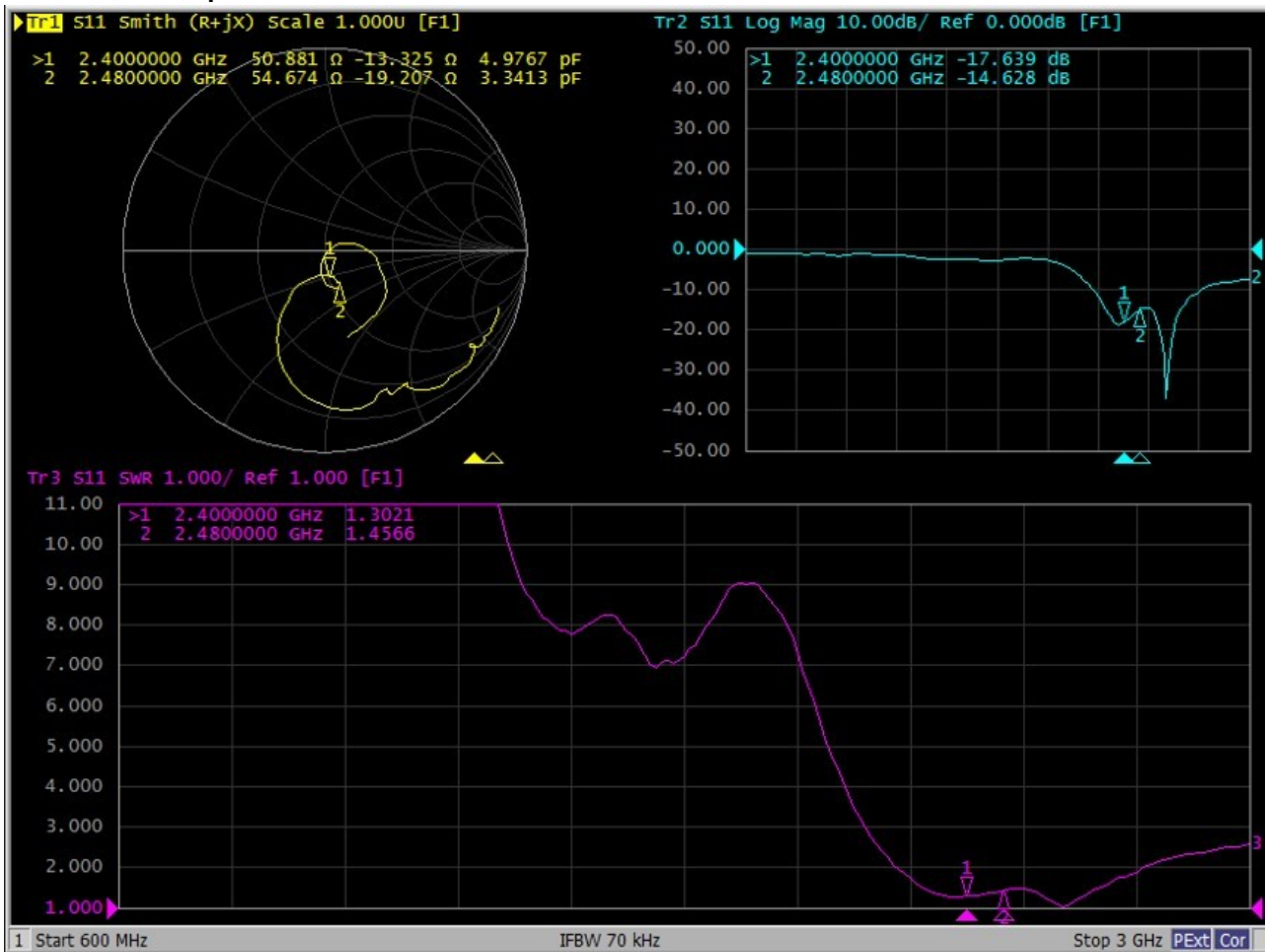
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I : The report of passive data



Angilent E5071C

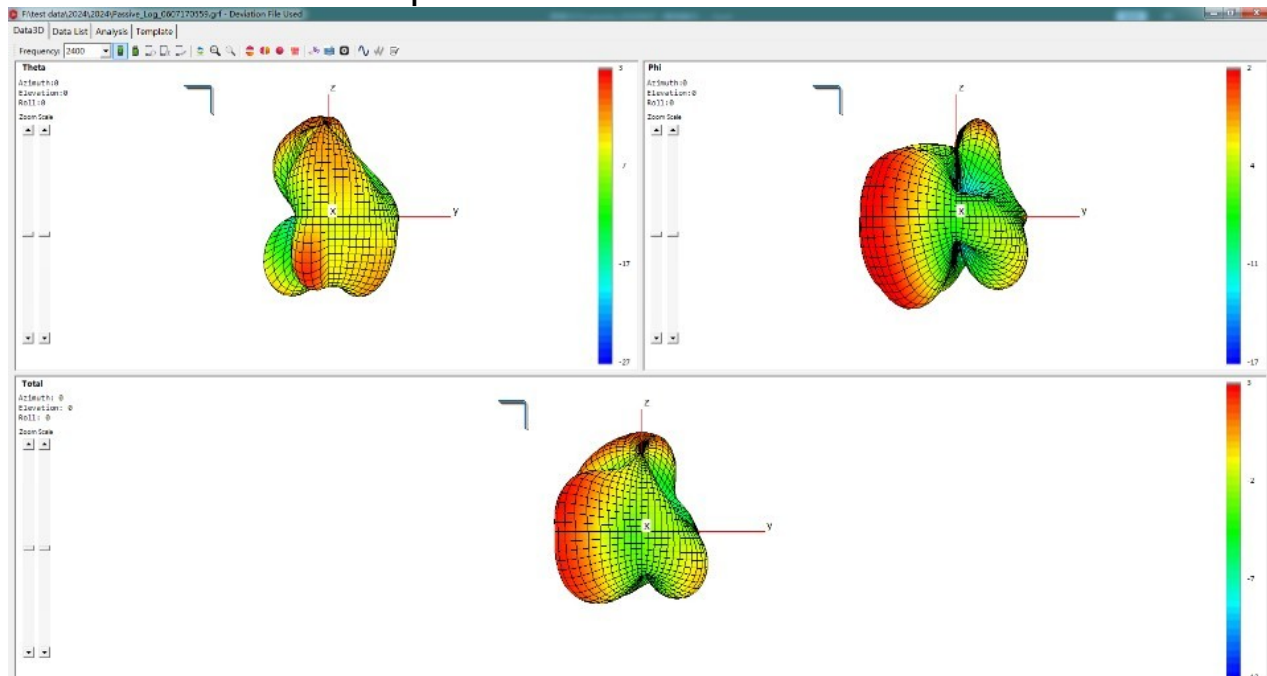
VSWR(S11) parameter :



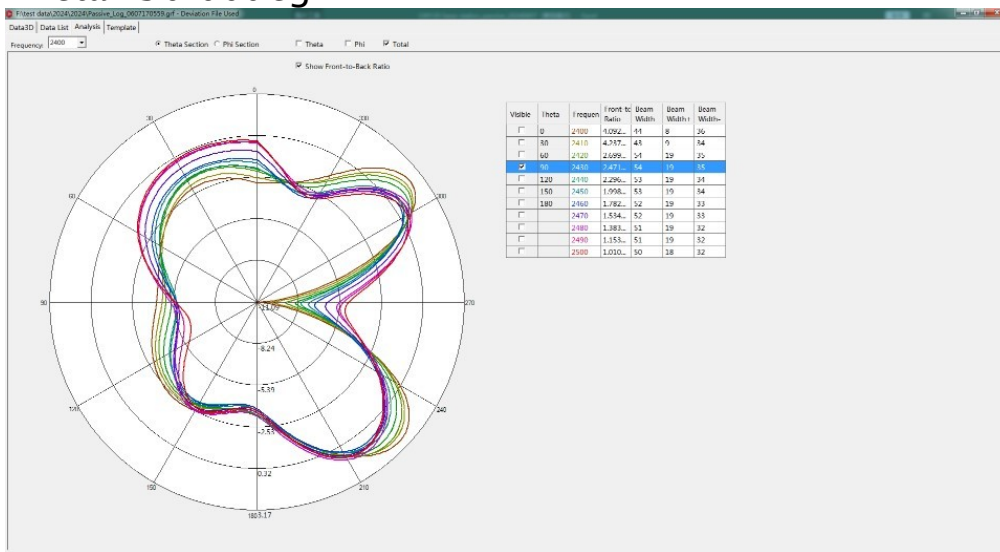
Efficiency :

BT			
Frequency (MHz)	Gain (dBi)	Efficiency (dB)	Efficiency
2400	2.96	-2.38	57.82
2410	2.78	-2.30	58.88
2420	2.71	-2.35	58.16
2430	2.48	-2.57	55.28
2440	2.16	-2.73	53.36
2450	2.26	-2.59	55.11
2460	1.83	-2.70	53.72
2470	2.02	-2.33	58.50
2480	2.28	-2.04	62.54
Average value	2.39	-2.44	57.04

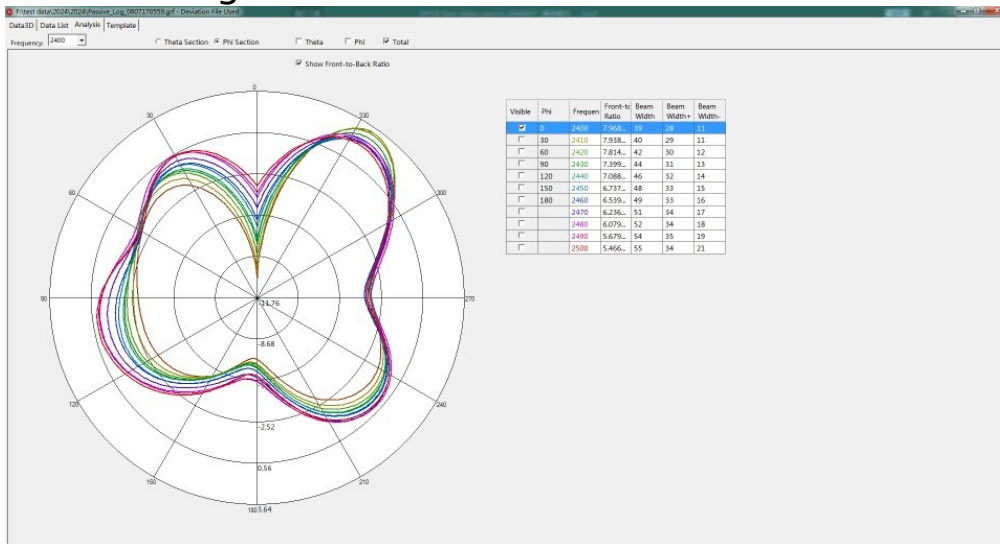
3D Antenna radiation pattern:



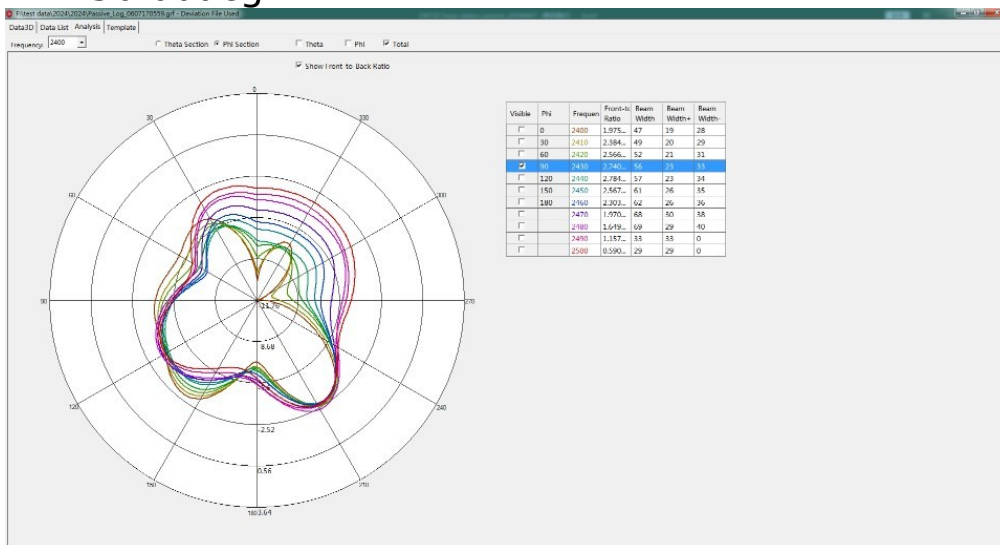
Antenna radiation pattern: Theta=90.00deg



Phi=0.00deg



Phi=90.00deg



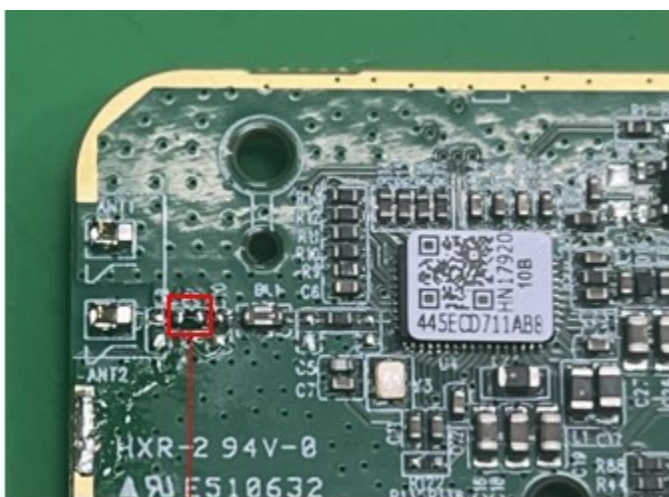
II : 3D Active test report of antenna

	Channel	TRP (dBm)	TIS (dBm)
BT	CH 0	8.1	-92.6
	CH 39	8.1	-93.3
	CH 78	8.0	-92.3



OTA Standard Chambe

III : Matching circuit



Antenna matching string 1.2pF capacitor

IV : Structure file

