

Antenna Part Specification

Model No : RC30-0517

Antenna material : BT Antenna

Antenna type : FPC Antenna

Version : V1.0

Date : 2024.03.21

Manufacturer : Razer Inc.

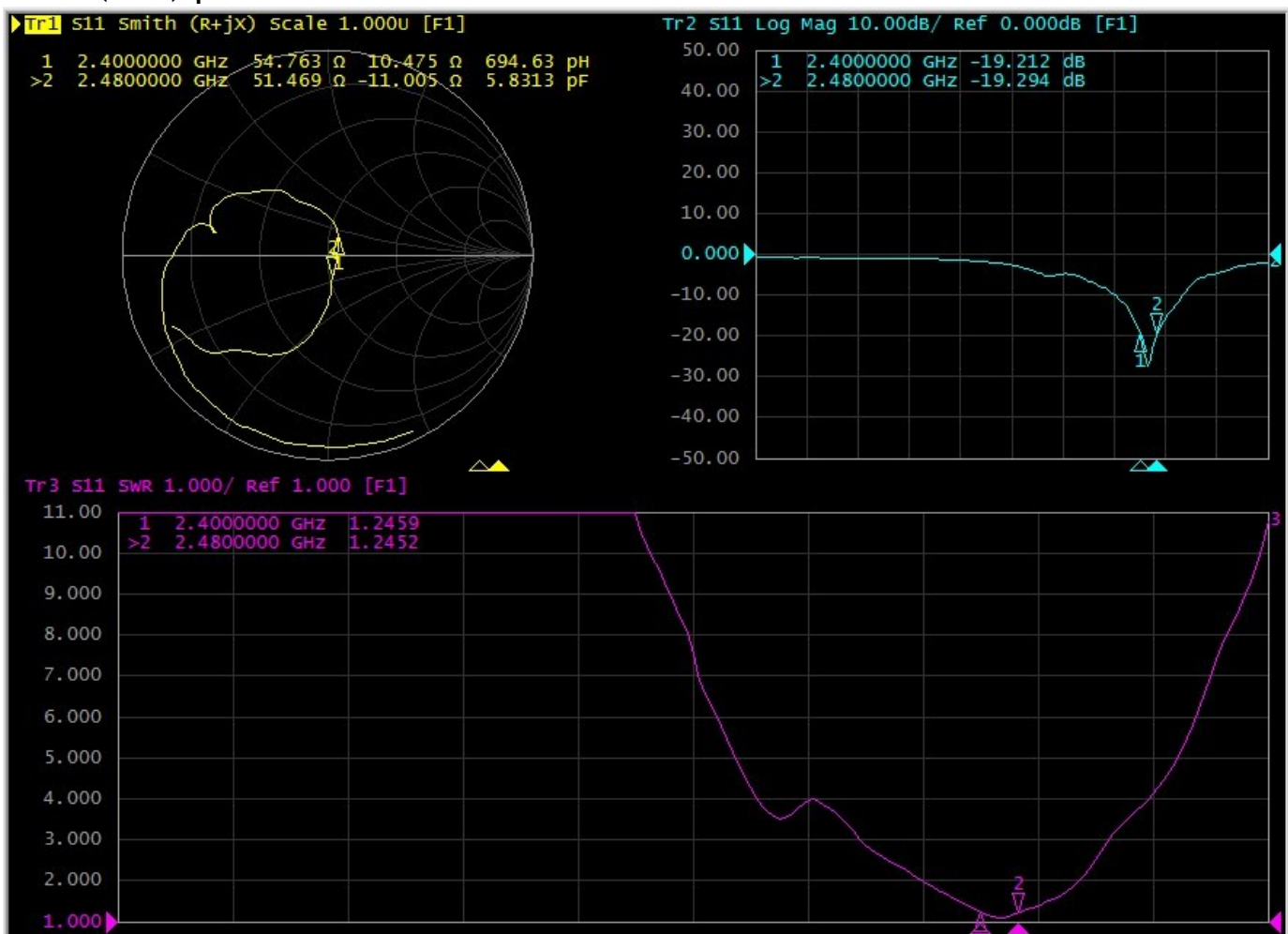
Address : 9 Pasteur, Suite 100, Irvine, CA92618, USA

I : The report of passive data



Angilent E5071C

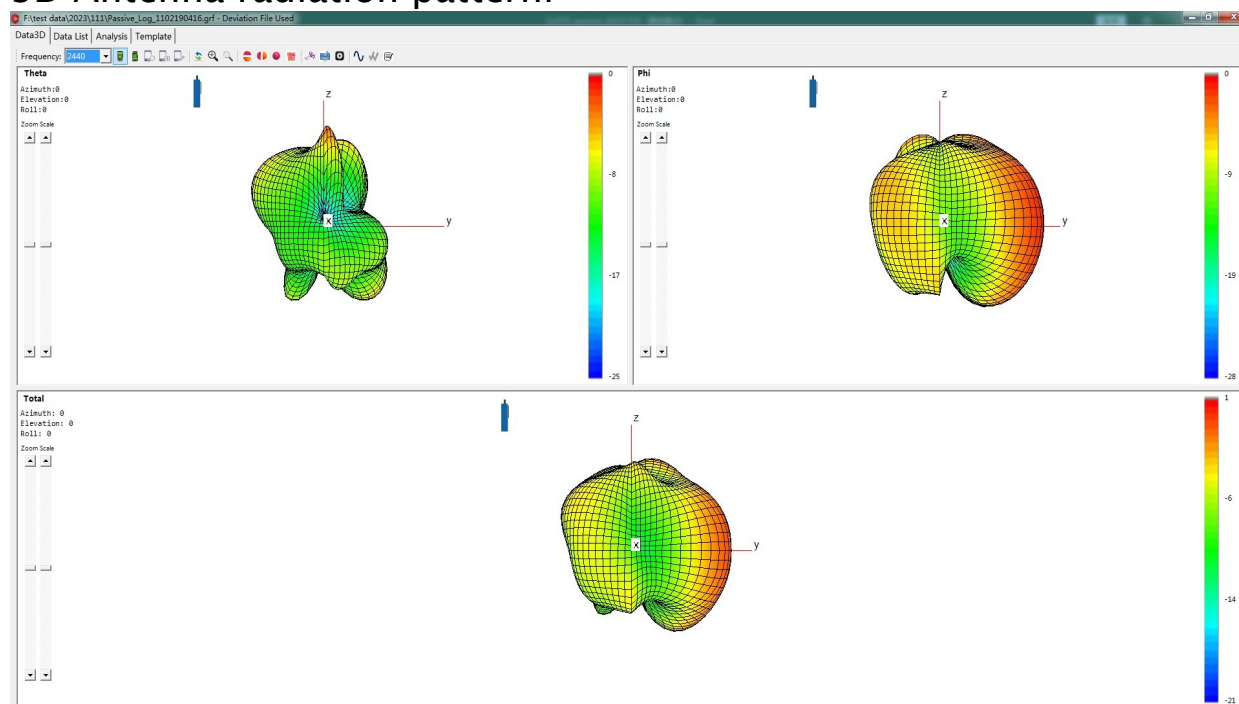
VSWR(S11) parameter :



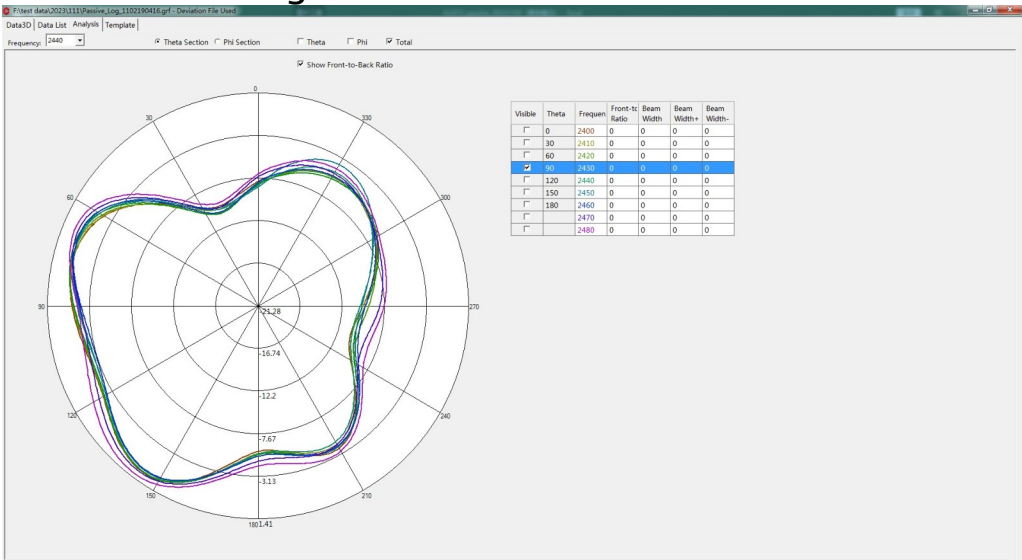
Efficiency :

BT			
Frequency (MHz)	Gain (dBi)	Efficiency (dB)	Efficiency
2400	1.2	-4.2	38.0%
2410	1.2	-4.2	38.1%
2420	1.1	-4.2	38.0%
2430	0.9	-4.4	36.5%
2440	0.7	-4.5	35.1%
2450	0.7	-4.5	35.9%
2460	0.7	-4.7	34.1%
2470	1.1	-4.3	36.9%
2480	1.2	-4.0	39.4%
Average value	1.0	-4.3	36.9%

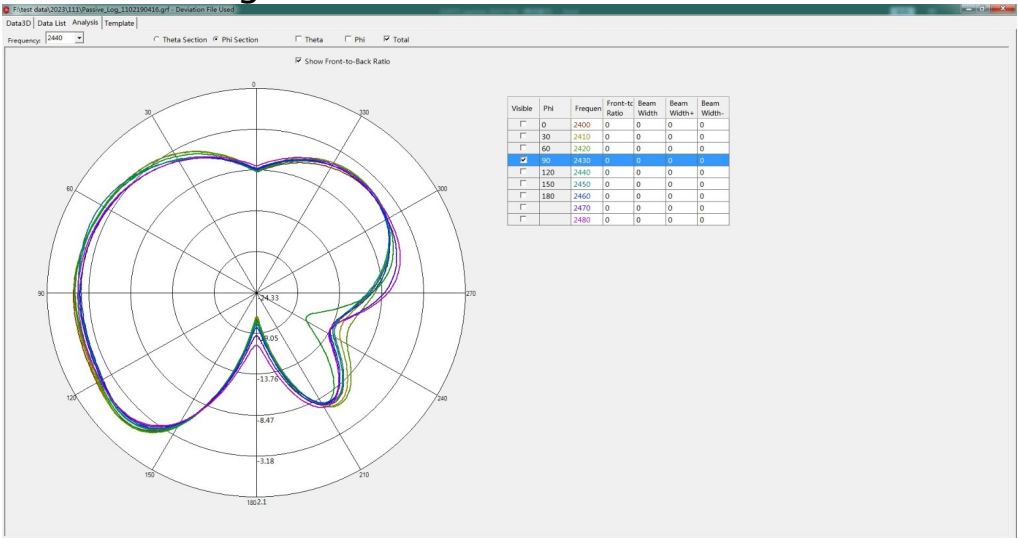
3D Antenna radiation pattern:



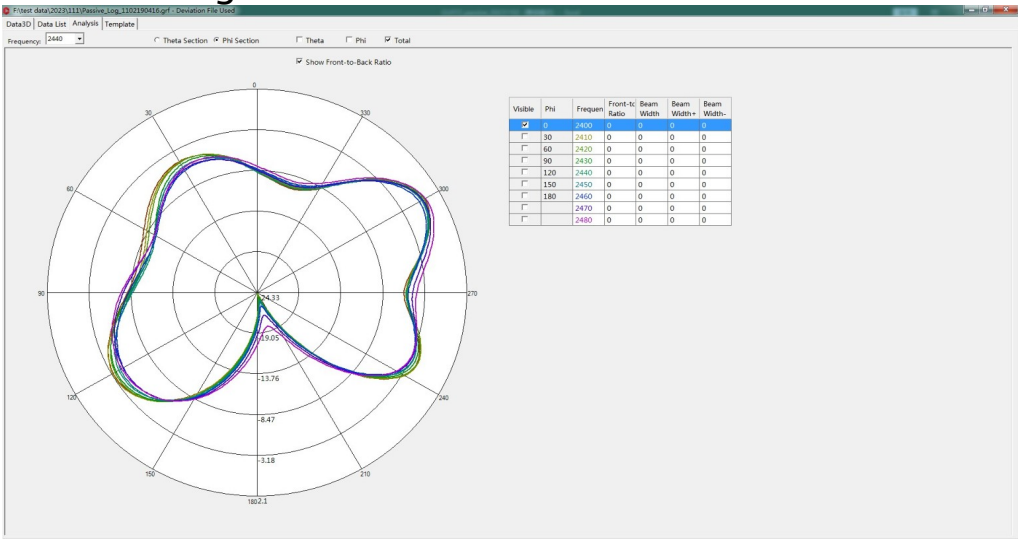
Antenna radiation pattern: Theta=90.00deg



Phi=90.00deg



Phi=0.00deg



II : 3D Active test report of antenna

	Channel	TRP (dBm)	TIS (dBm)
DONGLE	CH 0	5.7	-85.2
	CH 39	5.7	-85.8
	CH 78	5.5	-85.2



OTA Standard Chamber

III : Structure file

