



Antenna specification sheet

Customer:	MINAMI
Project Name:	Q650 Dongle
Antenna name:	BT antenna
Antenna type:	monopole
Antenna manufacturer name:	Shenzhen Cicent Communication Technology Co., Ltd.
Antenna manufacturer address:	505-506 , ABlock, Donglian Building, Chuangye 2 road, Baoan District, Shenzhen, Guangdong, P. R china
Version number:	V1.0
Date:	2025.05.08



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Change Record Column			
Date of Compilation/C hange	Reason for change	Changes	version
2025.05.08	Initial release	Initial release	V1.0

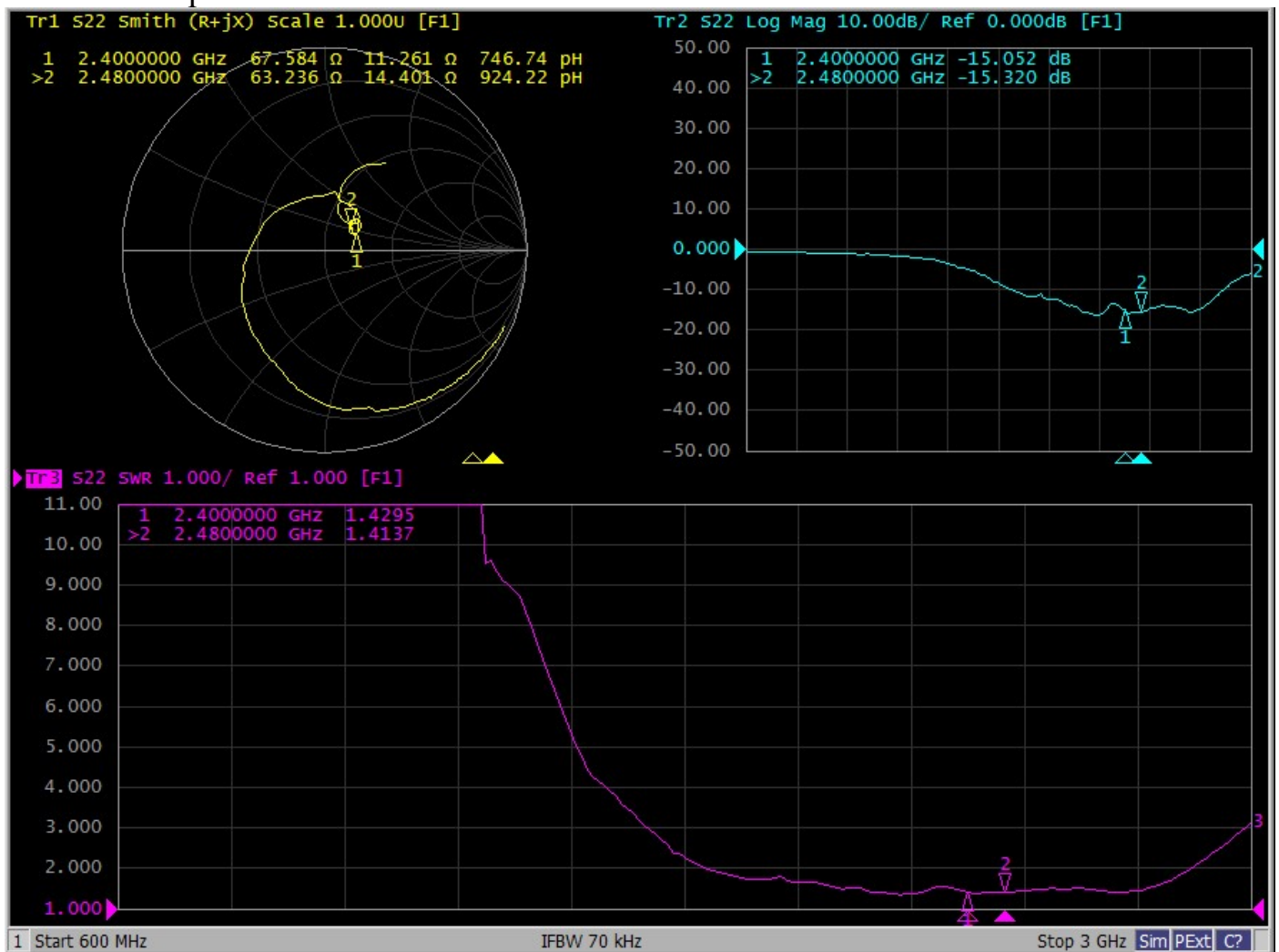


I: Passive Test Report



Angilent E5071C

Antenna S11 parameters:

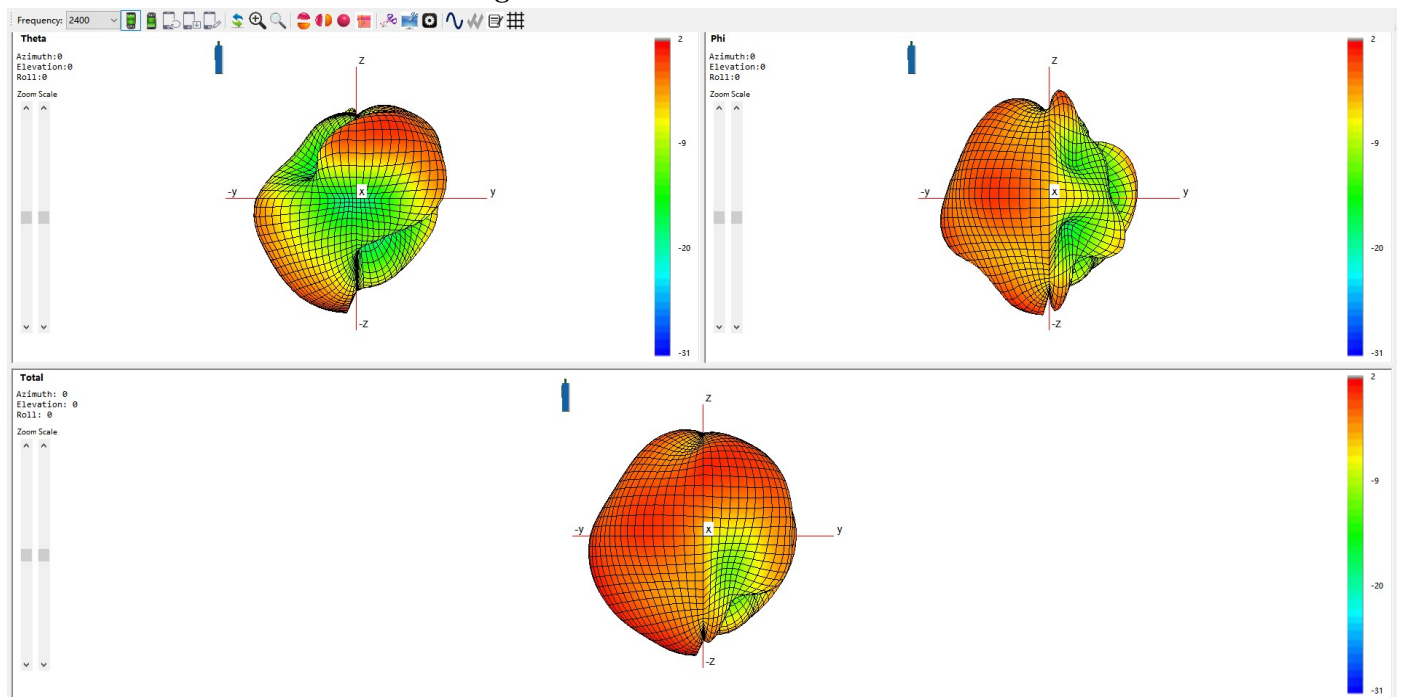




Antenna efficiency and gain:

8#			
Frequency (MHz)	Gain (dBi)	Efficiency (dB)	Efficiency (%)
2400	1.5	-3.4	45.3
2410	1.6	-3.3	46.4
2420	1.7	-3.3	47.2
2430	1.8	-3.3	47.0
2440	1.9	-3.3	47.0
2450	2.1	-3.2	47.6
2460	2.2	-3.2	47.9
2470	2.2	-3.2	47.4
2480	2.4	-3.2	47.8
2490	2.3	-3.3	46.7
2500	2.3	-3.4	46.1
AVG	2.0	-3.3	46.9

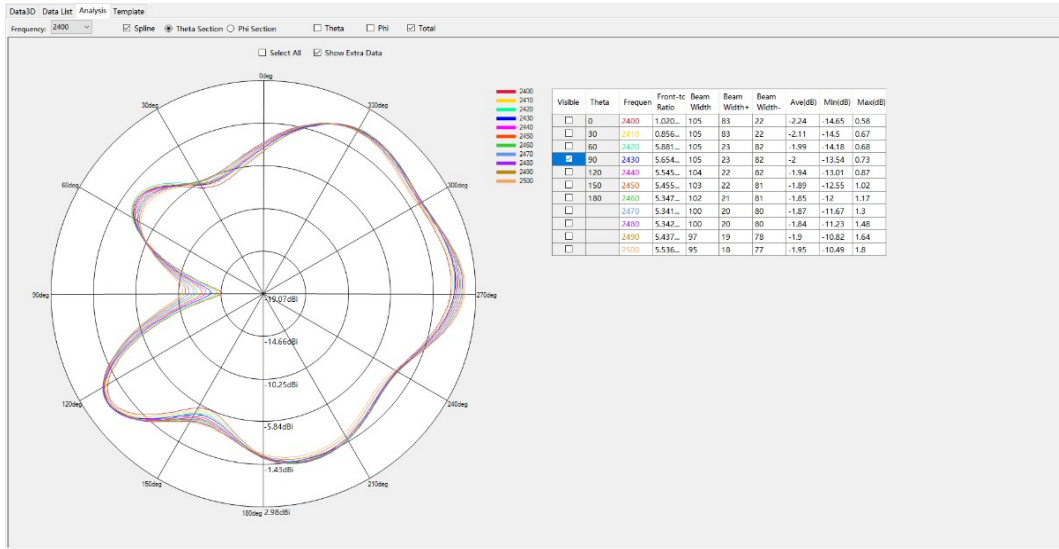
Antenna 3D directional diagram:



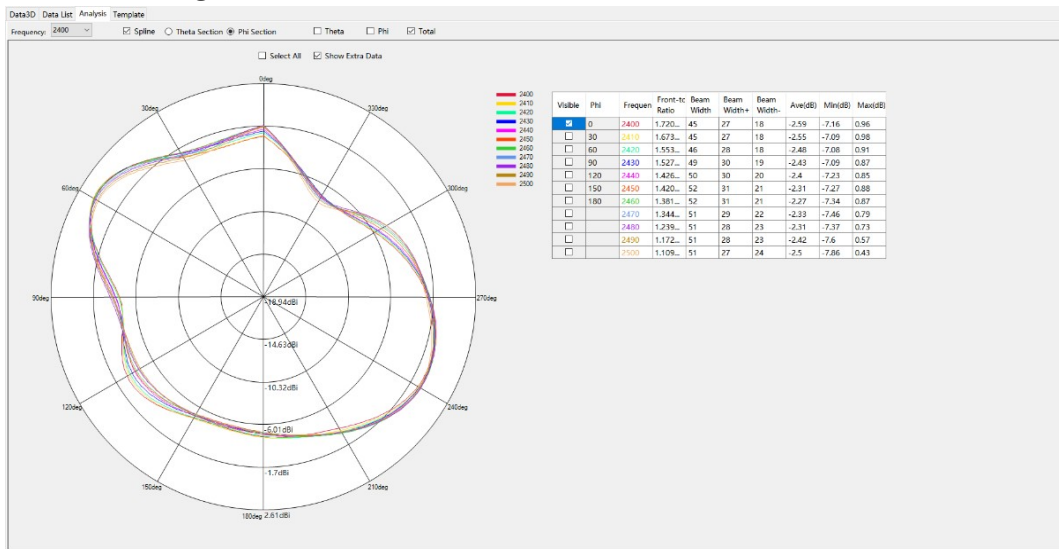


Antenna 2D directional diagram:

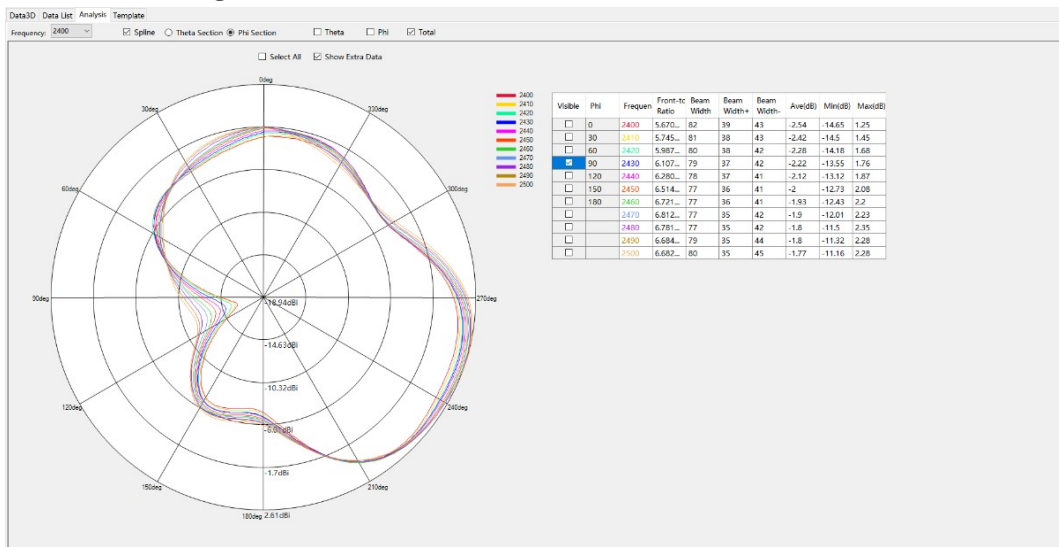
Theta=90.00deg



Phi=0.00deg



Phi=90.00deg





II: Antenna darkroom data

8#	Channel	TRP (dBm)	TIS (dBm)
BT	CH 0	4.4	-80.3
	CH 39	5.4	-82.3
	CH 78	4.3	-81.5



OTA Standard Chamber