

Antenna Part Specification

Customer name:	Anker
Project name:	A3062
Material category:	BT antenna
Version:	V1.1
Date:	2024.1.25
Manufacturer:	Anker Innovations Limited Room 1318-19, Hollywood Plaza, 610 Nathan Road, Mongkok, Kowloon, Hongkong

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Change record			
Compile / change date	Reason for change	Changed content	Version

I: Antenna condition

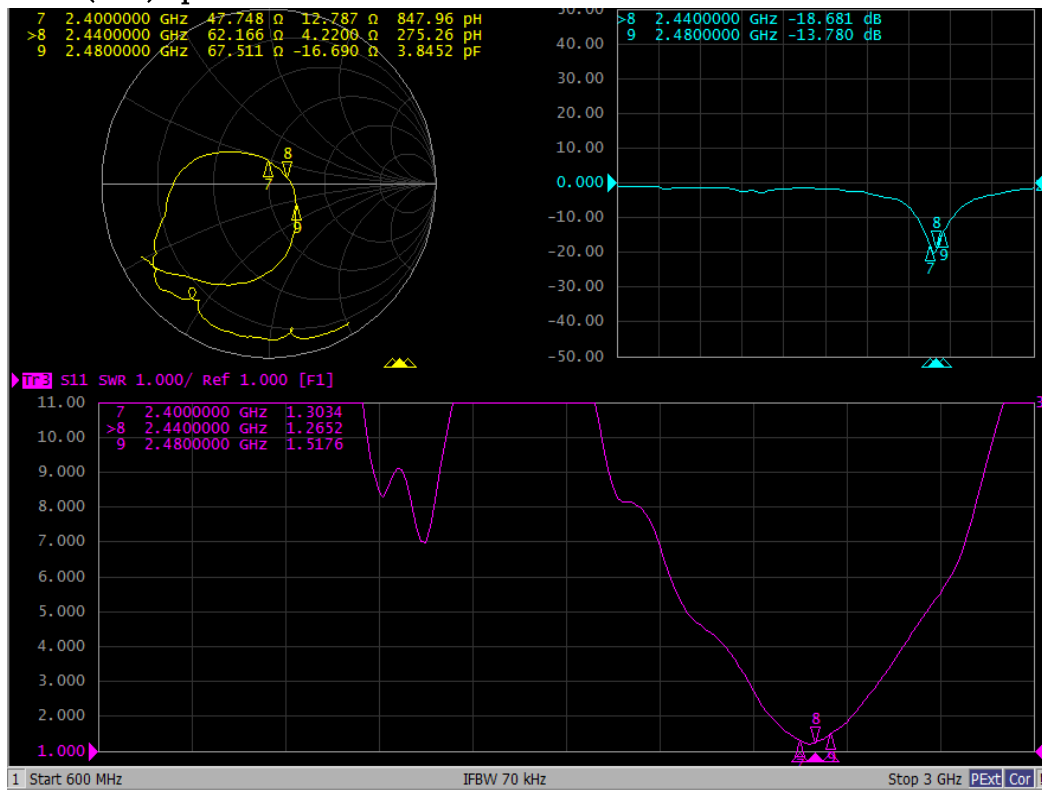
Antenna type: PCB Antenna

II: The report of passive data



Angilent E5071C

VSWR(S11) parameter:

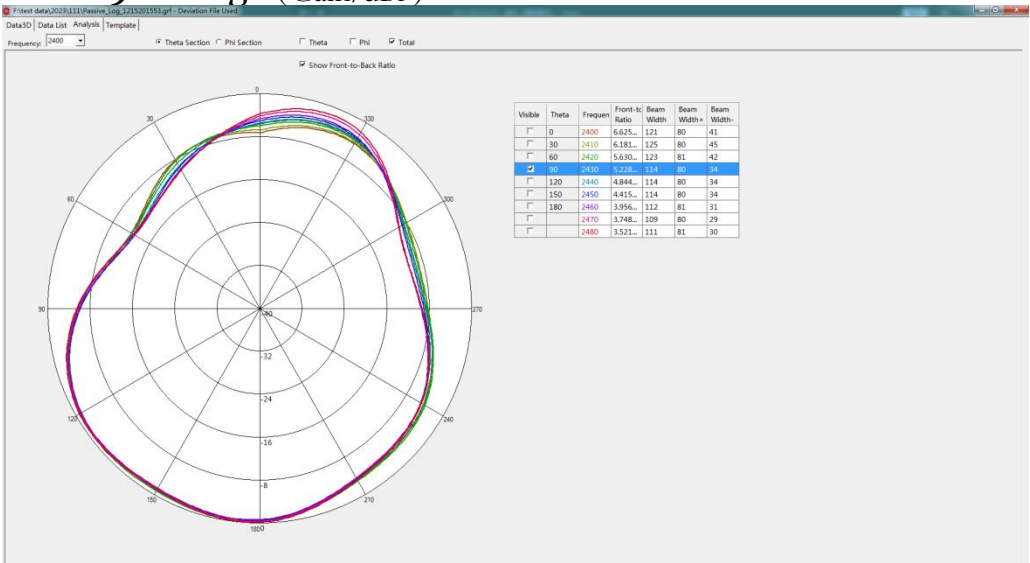


Efficiency:

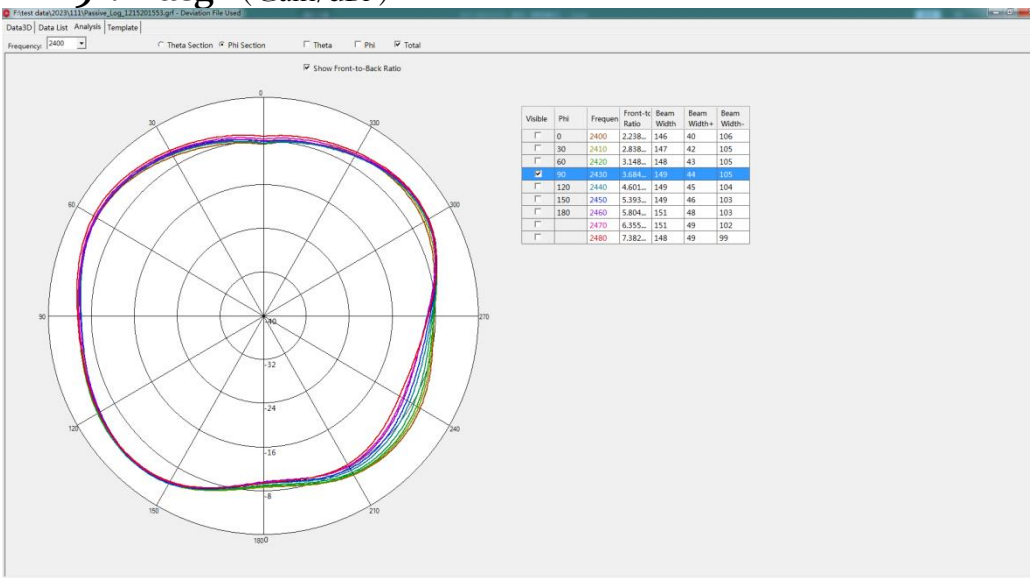
2400–2480 MHz			
Frequency/MHz	Efficiency/%	Efficiency/dB	Gain/dBi
2400	44%	−3.52	0.99
2410	46%	−3.41	1.06
2420	46%	−3.33	1.15
2430	45%	−3.44	1.07
2440	44%	−3.59	0.93
2450	44%	−3.52	0.94
2460	43%	−3.65	0.85
2470	45%	−3.45	1.06
2480	47%	−3.31	1.08
Average	45.01%	−3.47	1.02

Antenna radiation pattern:

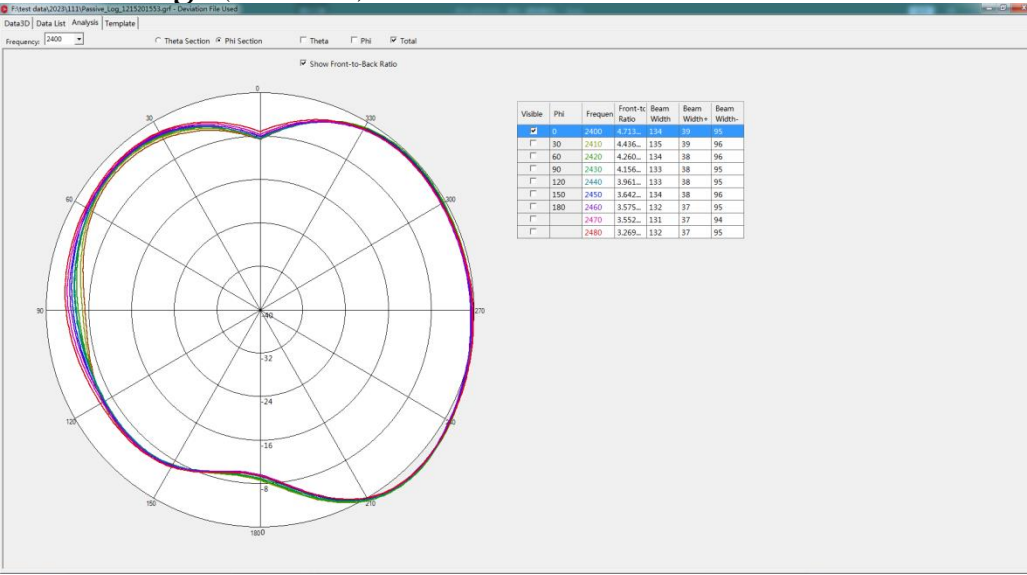
Theta=90.00deg (Gain/dBi)



Phi=90.00deg (Gain/dBi)



Phi=0.00deg (Gain/dBi)



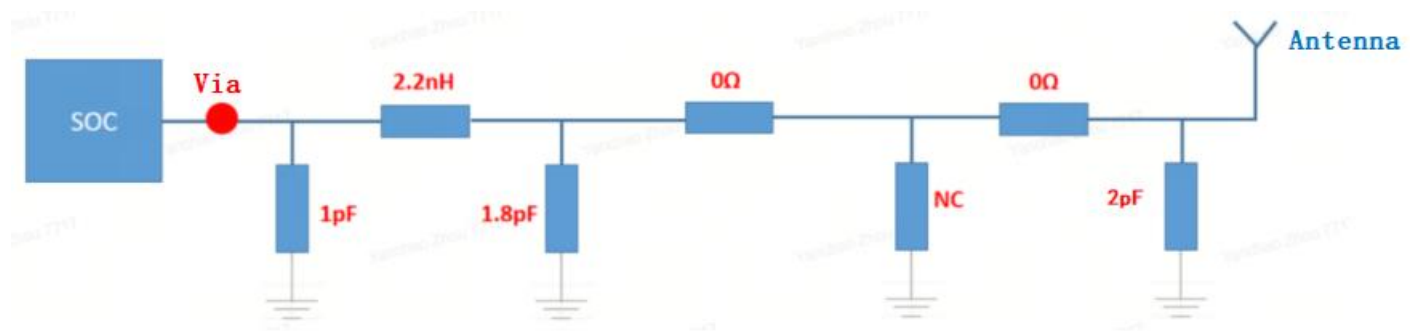
III: 3D Active test report of antenna

OTA	Channel	TRP (dBm)	TIS (dBm)
FS	CH 0	5.9	-90.6
	CH 39	6.9	-90.4
	CH 78	7.1	-90.5
Head	CH 0	4.5	-89.1
	CH 39	5.4	-89.2
	CH 78	5.3	-89.1



OTA Standard Chamber

IV: Matching circuit



V: Structure file

