



Specification Sheet

ustomer:	Guoguang
roject Name:	H02
ype of Material:	BT antenna
ersion:	V2.0
Date:	2022.05.05

Antenna TYPE: FPC antenna



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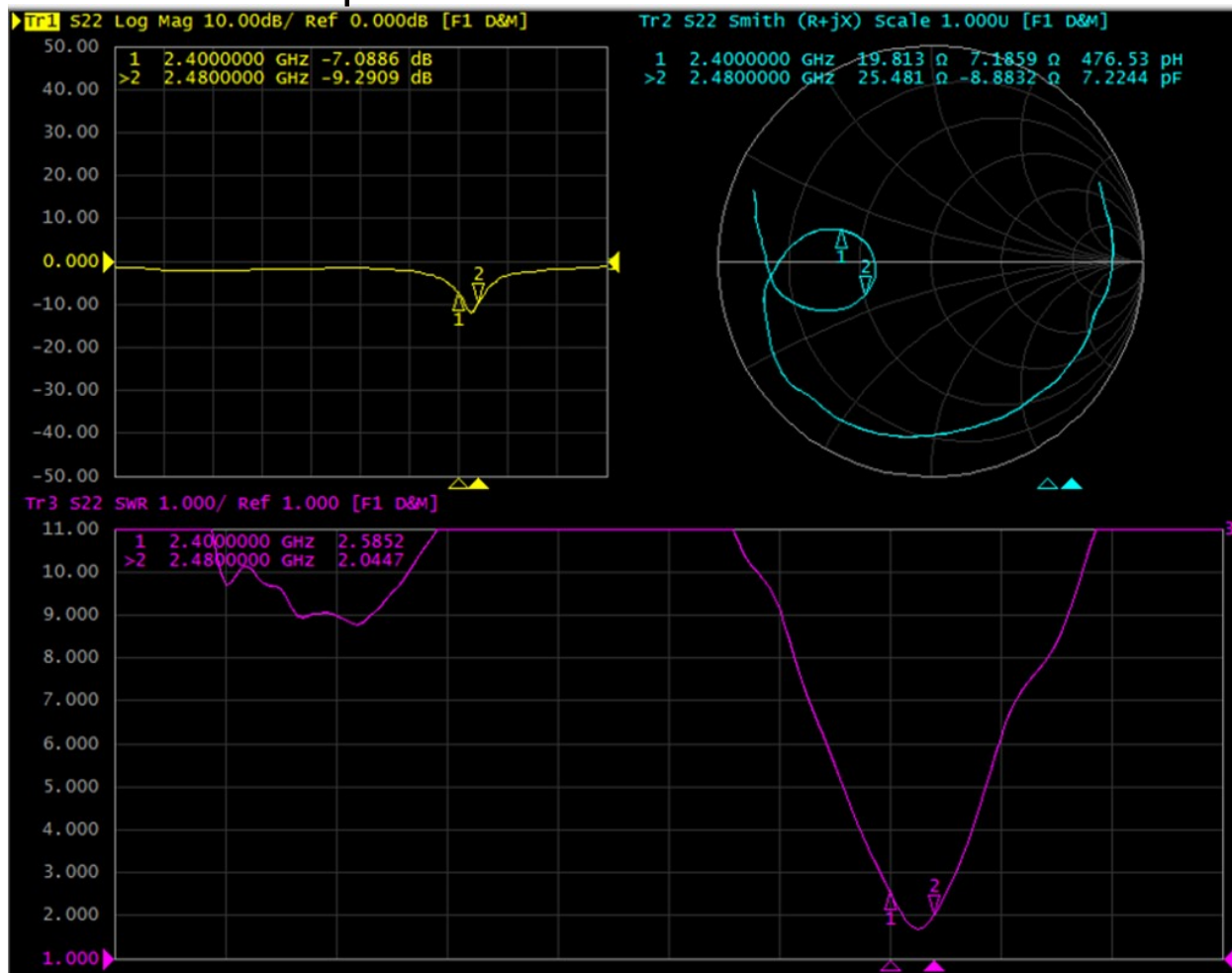


1: Passive test report



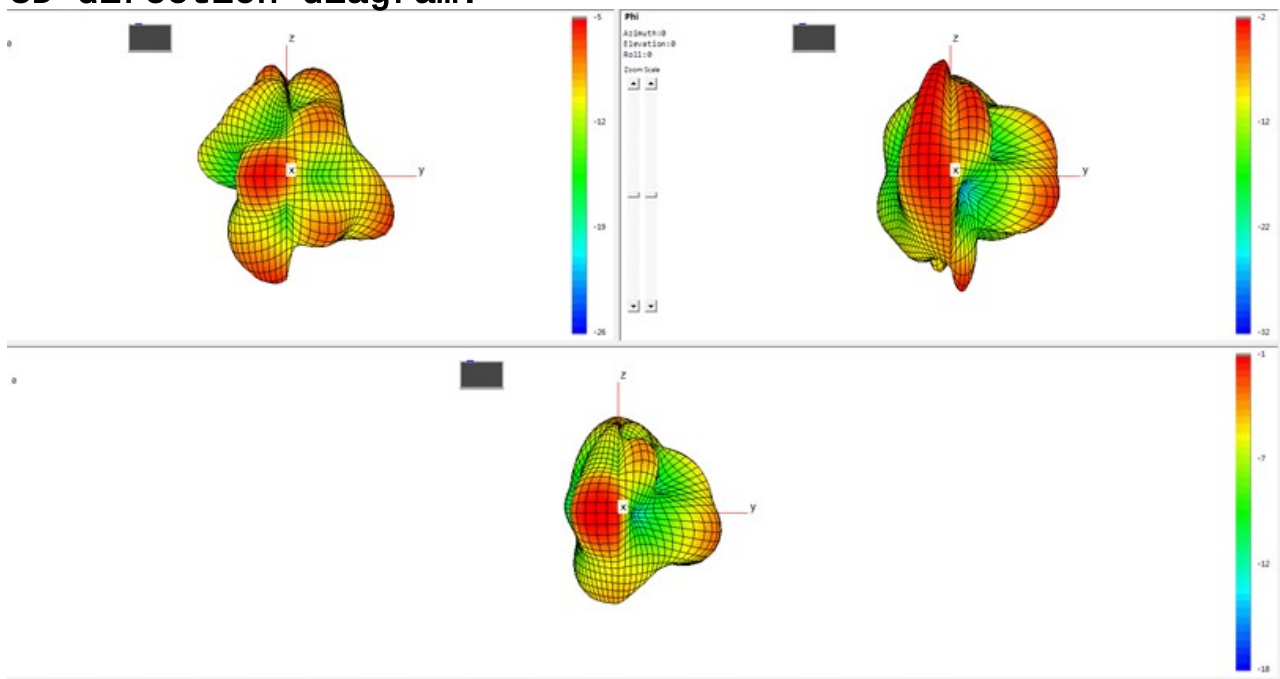
Angilent E5071C

BT antenna S11 parameters



**BT antenna efficiency &gain:**

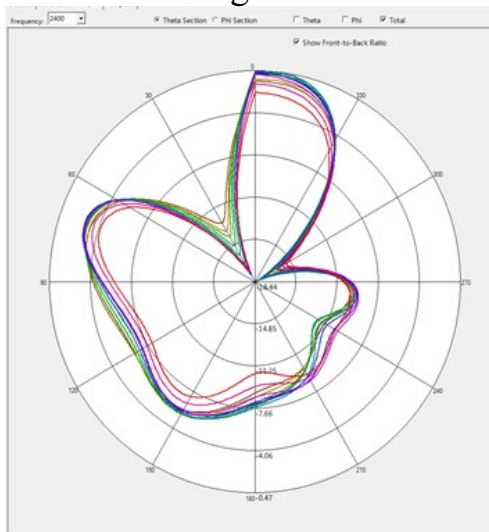
频点 MHz	效率%	效率(dB)	增益(dBi)
2400	24%	-6.2	-1.3
2410	24%	-6.1	-1.2
2420	26%	-5.9	-0.8
2430	26%	-5.9	-0.6
2440	25%	-5.9	-0.6
2450	26%	-5.8	-0.5
2460	25%	-6.0	-0.7
2470	26%	-5.9	-0.6
2480	25%	-6.0	-0.7
平均值	25%	-6.0	-0.8

3D direction diagram:

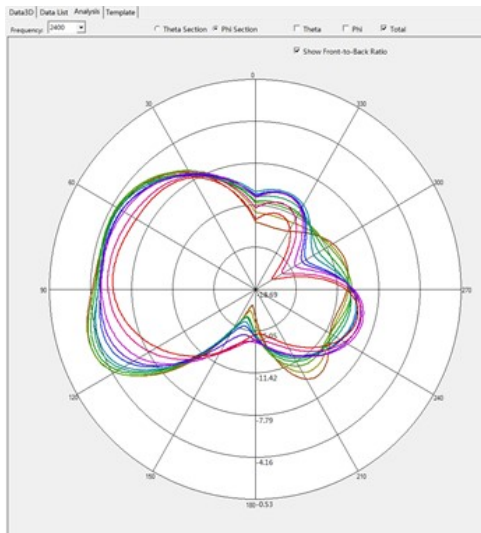


Antenna passive direction diagram:

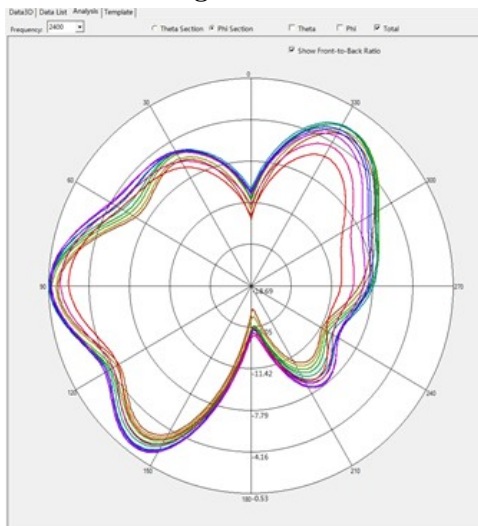
Theta=90.00deg



Phi=90.00deg



Phi=0.00deg

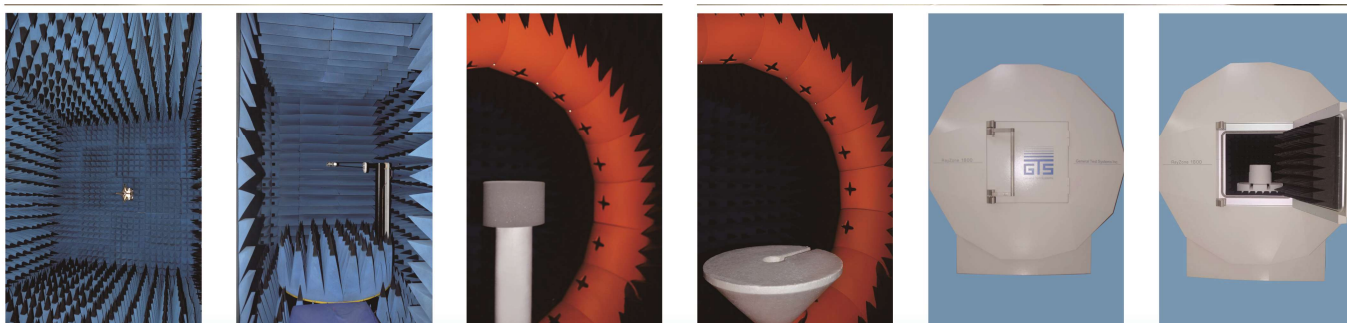




2: OTA test data

Free space	Channel	TRP(dBm)	TIS(dBm)
BT	CH 0	3.9	-88.5
	CH 39	4.4	-89.2
	CH 78	2.8	-87.5

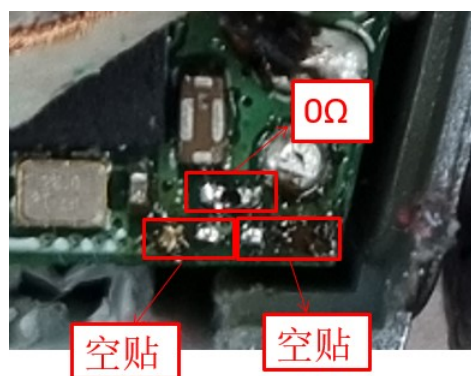
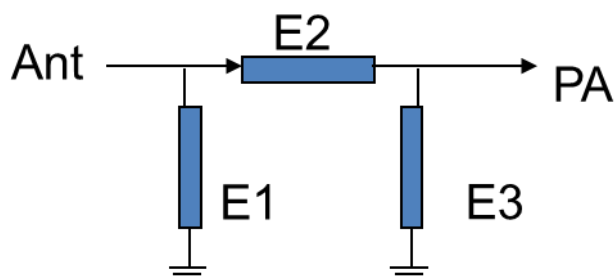
Human head ear	Channel	TRP(dBm)	TIS(dBm)
BT	CH 0	1.5	-87.1
	CH 39	2.0	-87.9
	CH 78	0.9	-86.3



OTA Standard Chamber

3: Matching circuit

Element	Value
E1	N/A
E2	0Ω
E3	N/A





4: Structure drawing file

