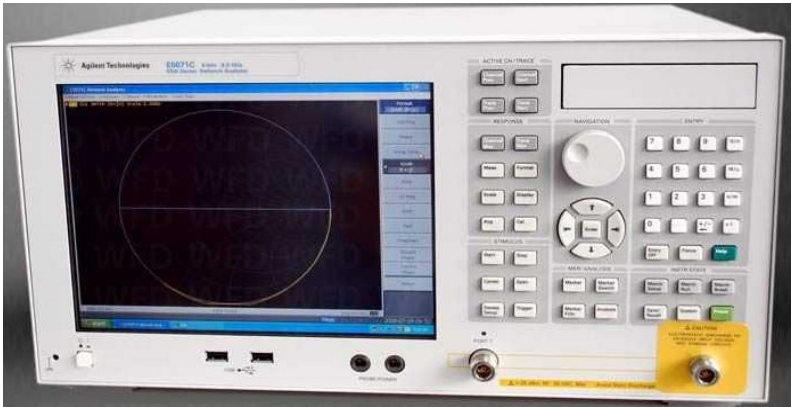


Antenna Part Specification

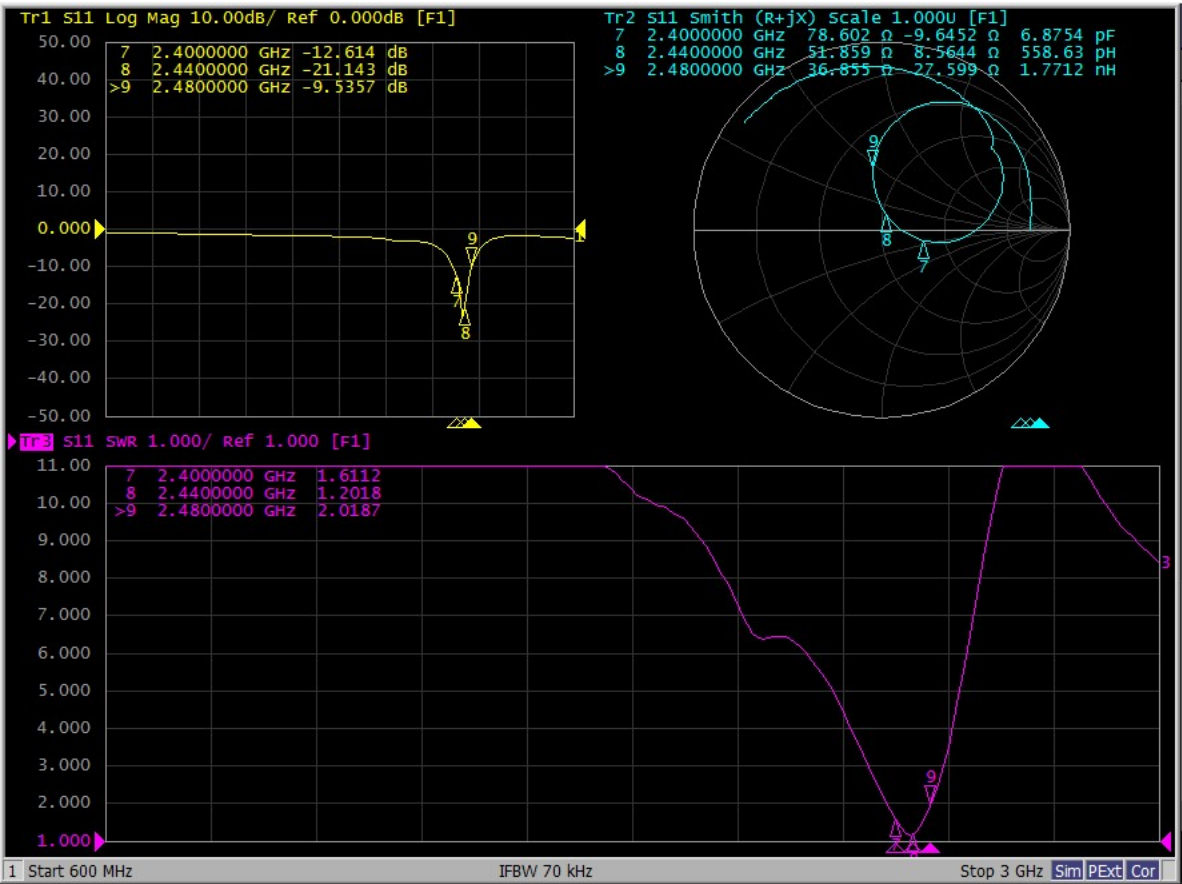
Customer name :	Jiahe
Project name :	CE-2203B
Material category :	BT antenna
Ant Type:	FPC Antenna
Version:	V1.0
Date:	2024.06.28

1. The report of passive data



Angilent E5071C

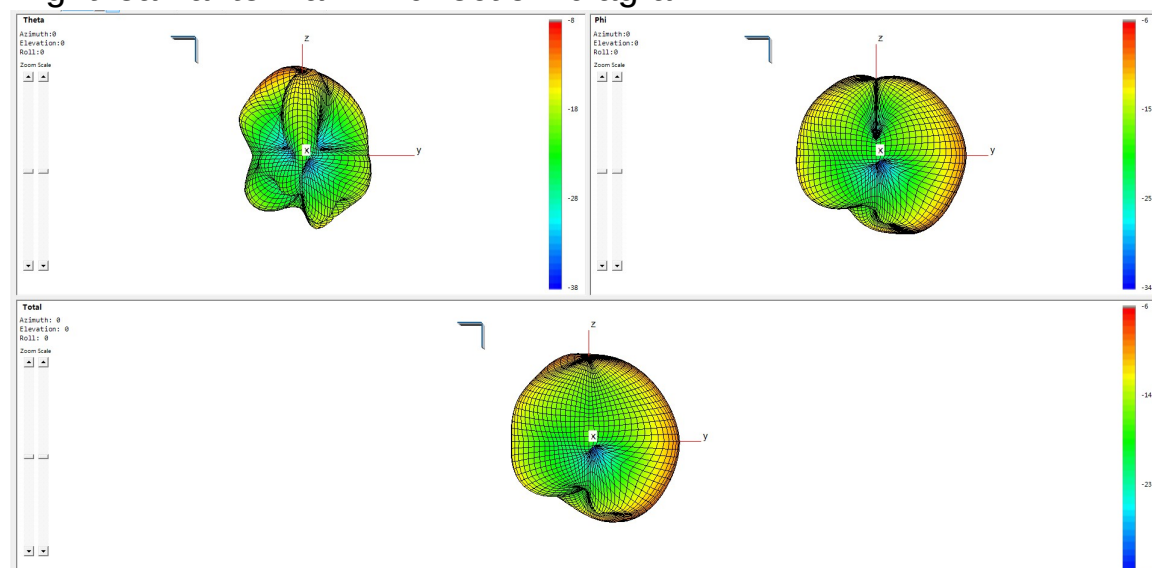
Right ear BT antenna S11 parameters



Right ear BT antenna efficiency and gain:

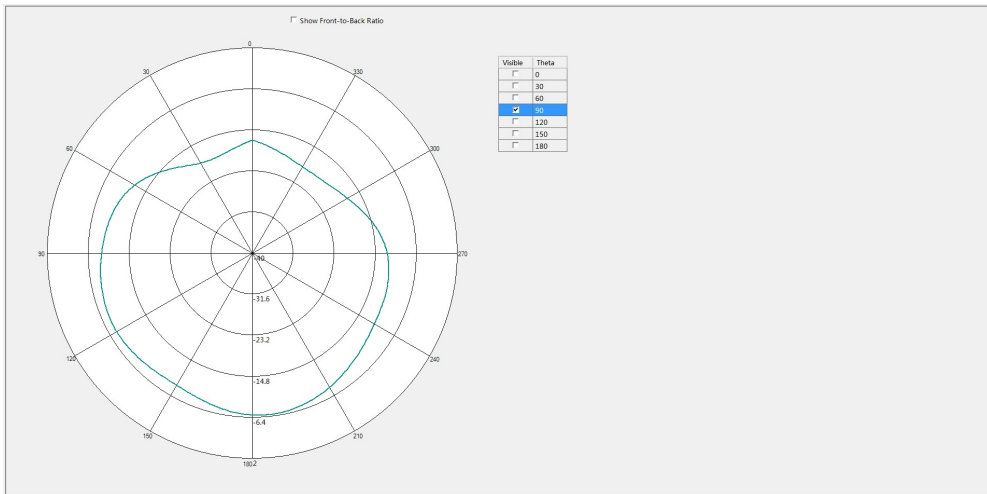
Right ear free space				Right ear head mold			
Frequency (MHz)	Gain (dBi)	Efficiency (dB)	Efficiency %	Frequency MHz	Gain (dBi)	Efficiency (dB)	Efficiency %
2400	-2.82	-6.39	22.95	2400	-6.09	-10.28	9.38
2410	-2.60	-6.17	24.15	2410	-5.70	-10.03	9.93
2420	-2.20	-5.79	26.34	2420	-4.92	-9.47	11.30
2430	-2.21	-5.67	27.09	2430	-4.24	-9.03	12.49
2440	-1.92	-5.25	29.87	2440	-4.08	-9.10	12.30
2450	-1.61	-4.93	32.15	2450	-3.91	-9.09	12.32
2460	-1.86	-5.11	30.81	2460	-3.83	-9.14	12.19
2470	-2.05	-5.21	30.10	2470	-3.74	-9.21	12.00
2480	-2.23	-5.32	29.39	2480	-3.77	-9.31	11.73
AVG	-2.17	-5.54	28.09	AVG	-4.48	-9.41	11.52

Right ear antenna 3D direction diagram:

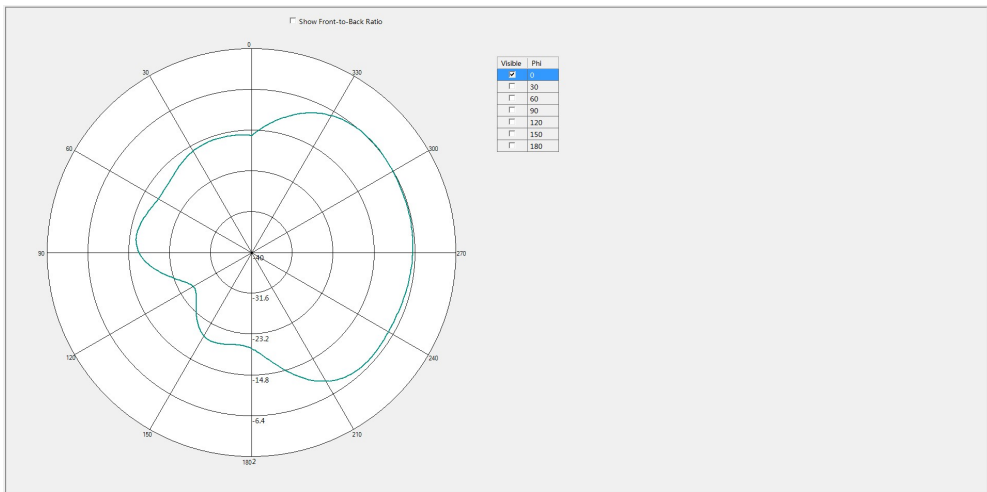


Right ear antenna 2D direction diagram:

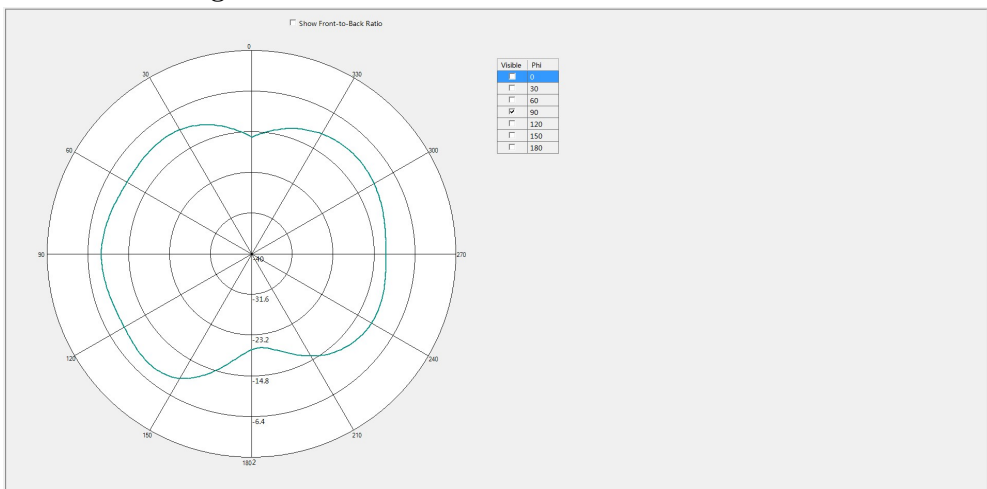
Theta=90.00deg



Phi=0.00deg



Phi=90.00deg



2: BT antenna 3D darkroom data

R	Channel	TRP (dBm)	TIS (dBm)
Free space	CH 0	4.1	-88.7
	CH 39	5.0	-89.2
	CH 78	3.0	-88.5

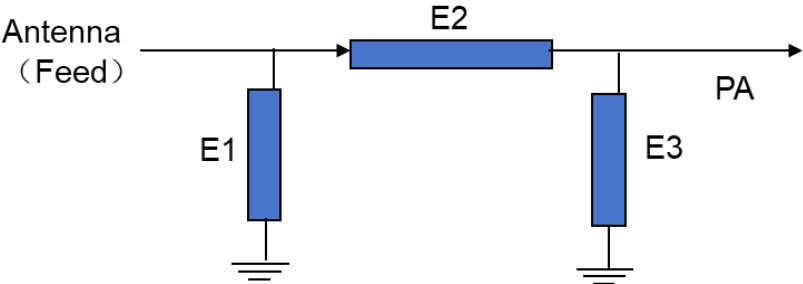
R	Channel	TRP (dBm)	TIS (dBm)
headform	CH 0	-0.6	-85.2
	CH 39	0.4	-85.8
	CH 78	-1.4	-84.5



OTA Standard Chamber

3: Matching circuit

No.	Match Value
C7	N/A
L9	0 Ω
C5	N/A



4: Structure drawing file

