



Specification Sheet

cust	Guoguang
roject name:	H01
aterial class:	BT antenna
version:	V1.0
date:	2022.09.05



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Change record field			
stablishment/ change date	Reason for change	Change content	version
2022.09.05	Initial release	Initial release	V1.0

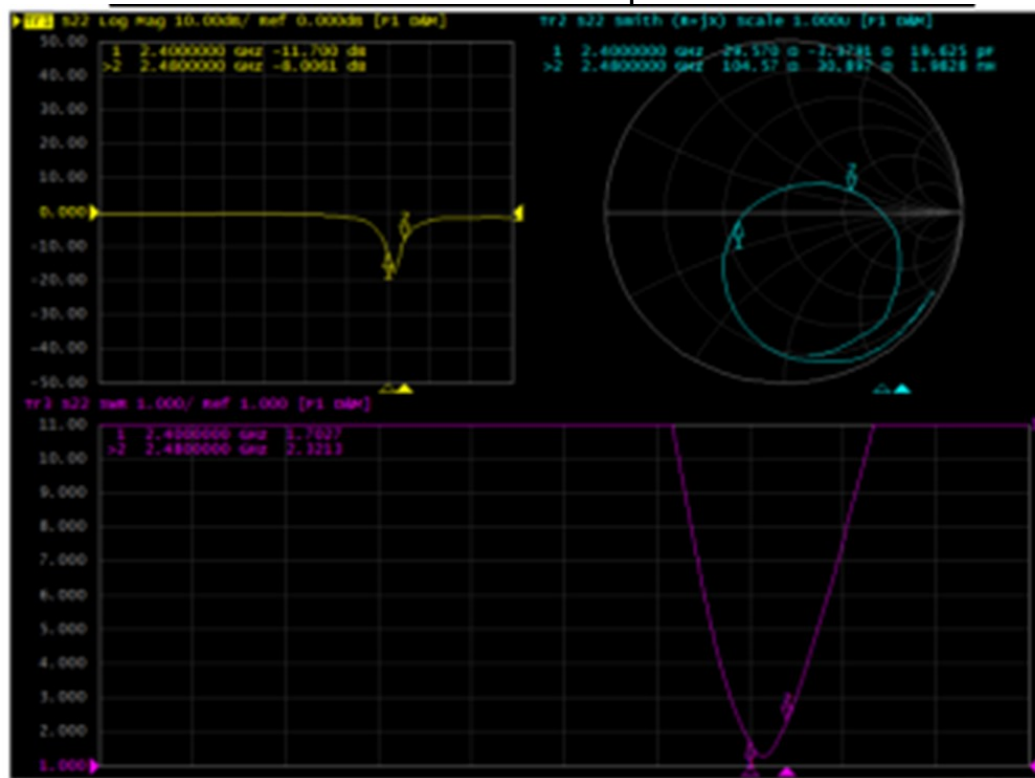


一: Passive test report



Angilent E5071C

BT antenna S11 parameters



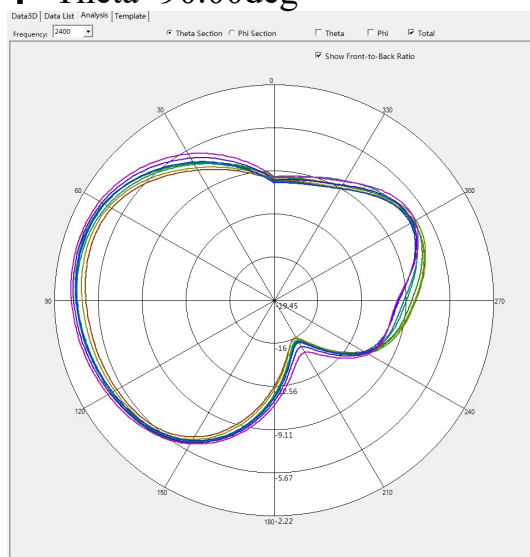
BT antenna efficiency and gain:

频点 MHz	效率%	效率(dB)	增益(dBi)
2400	18%	-7.4	-3.0
2410	19%	-7.2	-2.7
2420	18%	-7.4	-2.3
2430	19%	-7.3	-2.4
2440	18%	-7.5	-2.5
2450	17%	-7.7	-2.3
2460	17%	-7.7	-2.5
2470	17%	-7.8	-2.5
2480	18%	-7.4	-2.3
平均值	18%	-7.5	-2.5

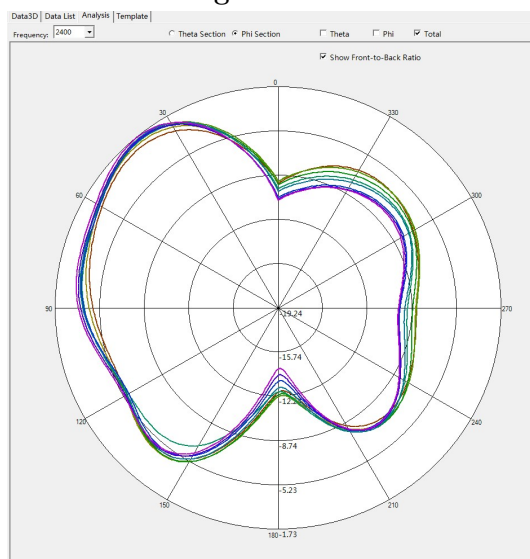


Passive direction diagram

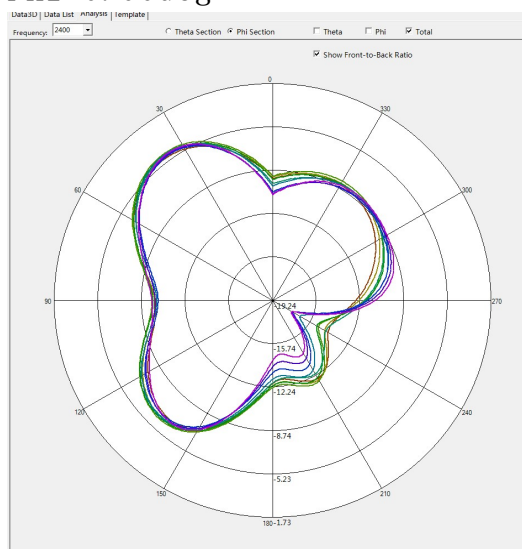
: Theta=90.00deg



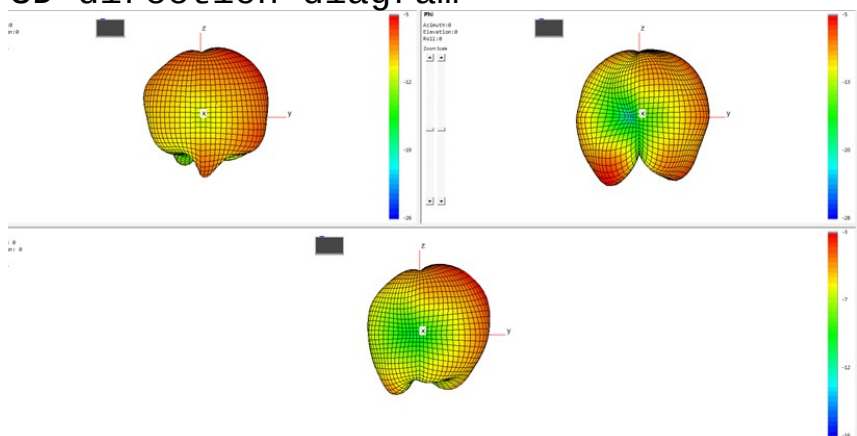
Phi=90.00deg



Phi=0.00deg

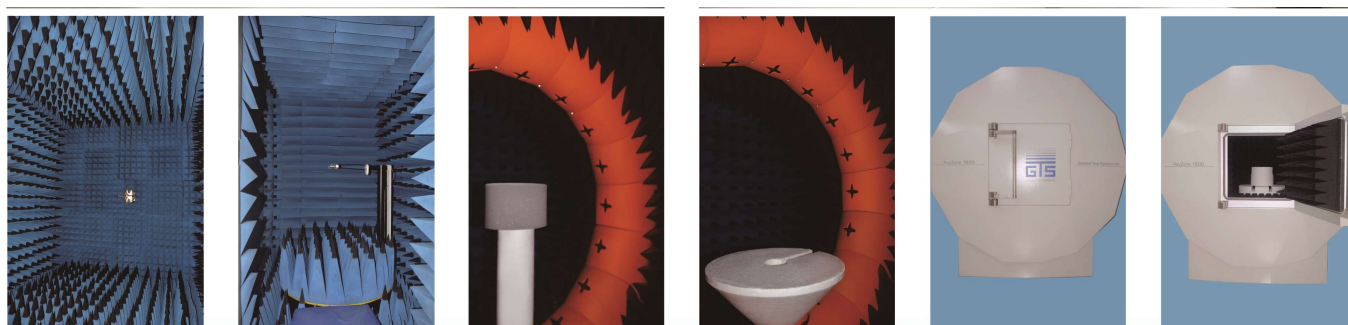


3D direction diagram



二:OTA data :

Channel	TRP(dBm)	TIS(dBm)
CH 0	-0.8	-86.4
CH 39	1.1	-87.2
CH 78	1.3	-88.1



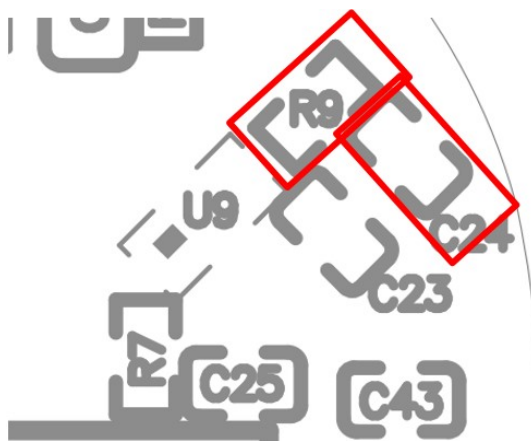
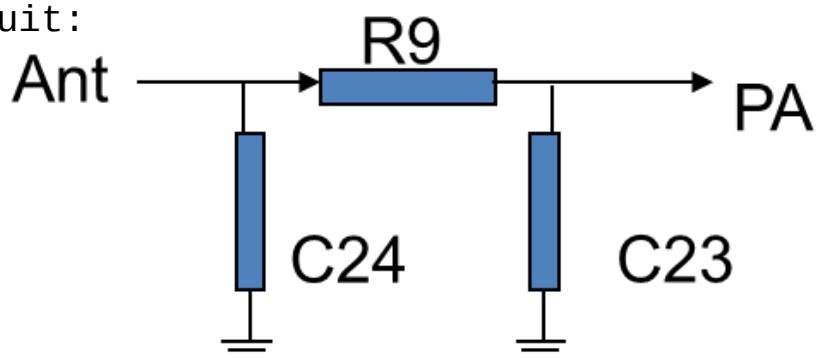
OTA Standard Chamber



三: Matching circuit

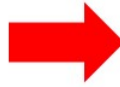
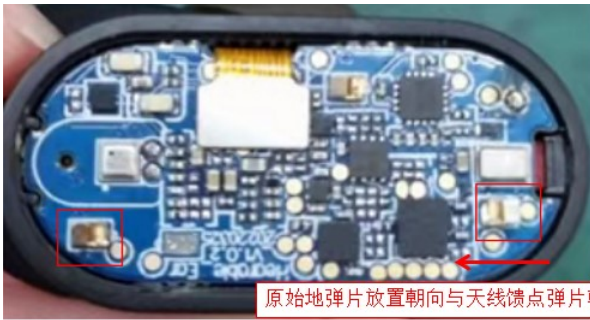
Left ear matching circuit:

Element	Value
C24	2.4pF
R9	2.7pF
C23	N/A





四: Installation precautions



Note:

1. When the two feed points are used, note that the shrapnel at the bottom should be placed in reverse;
2. Pay attention to the amount of glue.



五：结构图档

