

板载倒F天线规格书

FIRST ARTICLE REPORT

IBT-39-V1.4

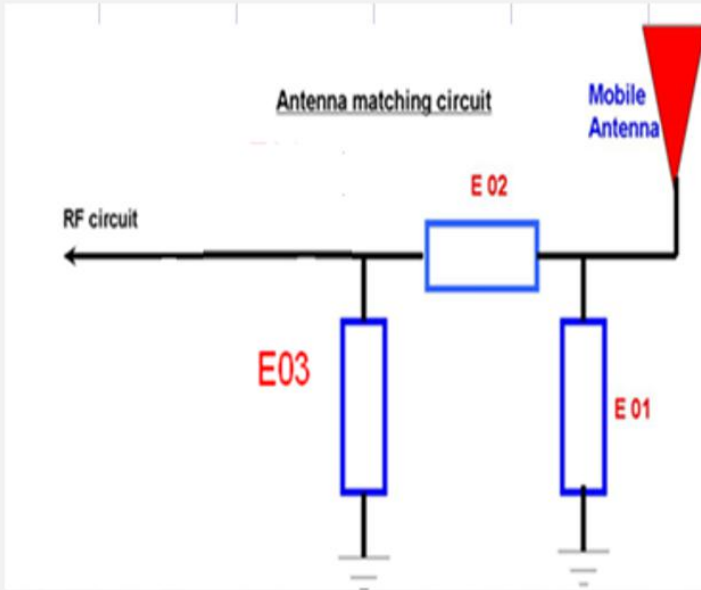
2024.08.31

客户确认			
品质	研发	采购	核准

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Match the circuit diagram

匹配电路图：



E01	NC
E02	OR
E03	NC

Antenna return loss and standing wave ratio

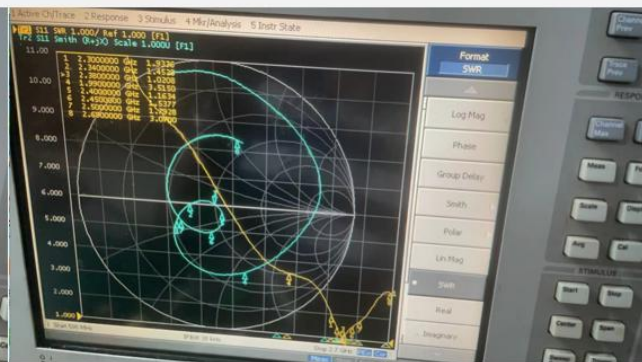
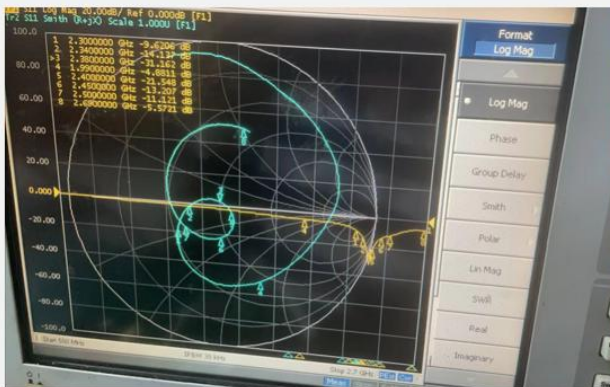


天线回波损耗及驻波比

Li Tongchuang ANT S11 parameter Summary				
Band	2400-2500 (MHz)			
	2400	2450	2500	
R. L (dB)	-21.5	-13.2	-11.2	
VSWR	1.2	1.5	1.8	

LOG

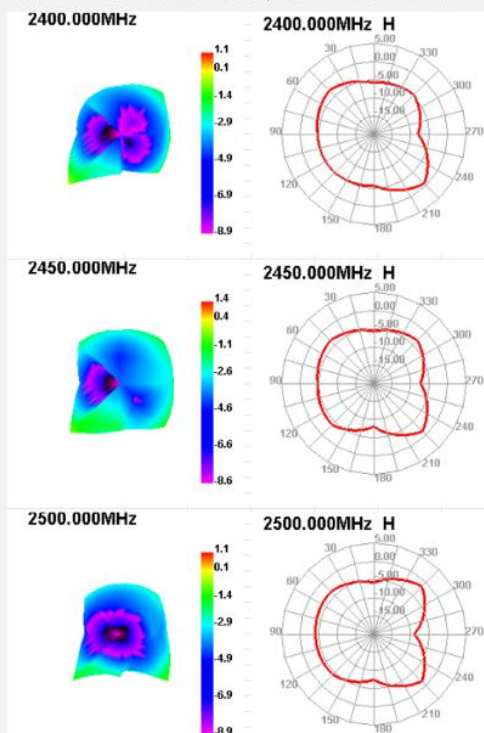
VSWR



Gain efficiency

头戴蓝牙耳机自由空间无源测试数据

Freq (MHz)	Effi (%)	Effi (dB)	Gain (dBi)	Gain (dBd)
2400	37.91	-4.21	1.05	-1.1
2410	38.12	-4.19	1.1	-1.05
2420	36.98	-4.32	1.02	-1.13
2430	34.58	-4.61	0.83	-1.32
2440	37.07	-4.31	1.18	-0.97
2450	38.83	-4.11	1.36	-0.79
2460	36.56	-4.37	1.07	-1.08
2470	36.01	-4.44	0.93	-1.22
2480	39.62	-4.02	1.31	-0.84
2490	40.67	-3.91	1.32	-0.83
2500	39.48	-4.04	1.11	-1.04



Engineering drawing

