



天线承认书

Parts Approval Sheet

Customer	优创亿	Project	S6
Band	BT	Color	Black
PN	X1649	Version	V0
Customer material number			

DATE: 2022/11/24

R&D			QC
Issued by	Checked by	Confirmed by	Checked by
伍海沅	冯少辉	韦永斌	文孝群
Customer Confirm			

Environmental requirements: ☒ ROHS

☐ REACH

☐ 无

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1. Summary

This report summarizes the electrical results of the our antenna to support the project S6. The test fixture is made for further testing, which is show below:



2. General Description

2.1Antenna Components/Part revisions

The antenna part number is T: A

2.2Definitions

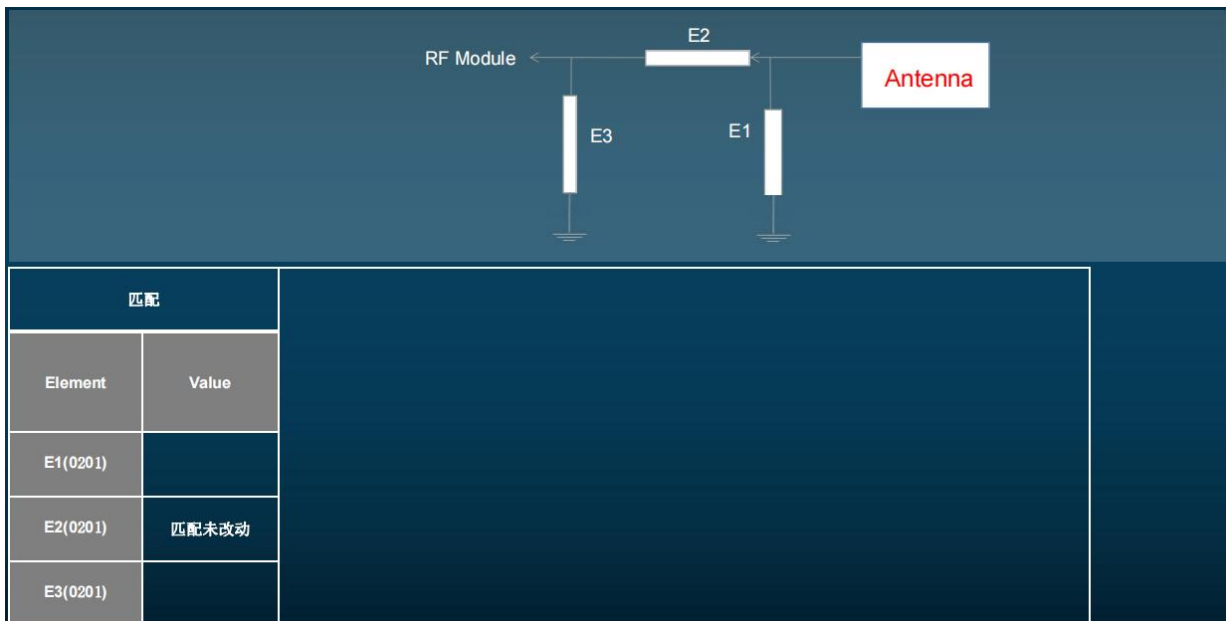
VSWR: Voltage Standing Wave Rate

TRP: total radiated power

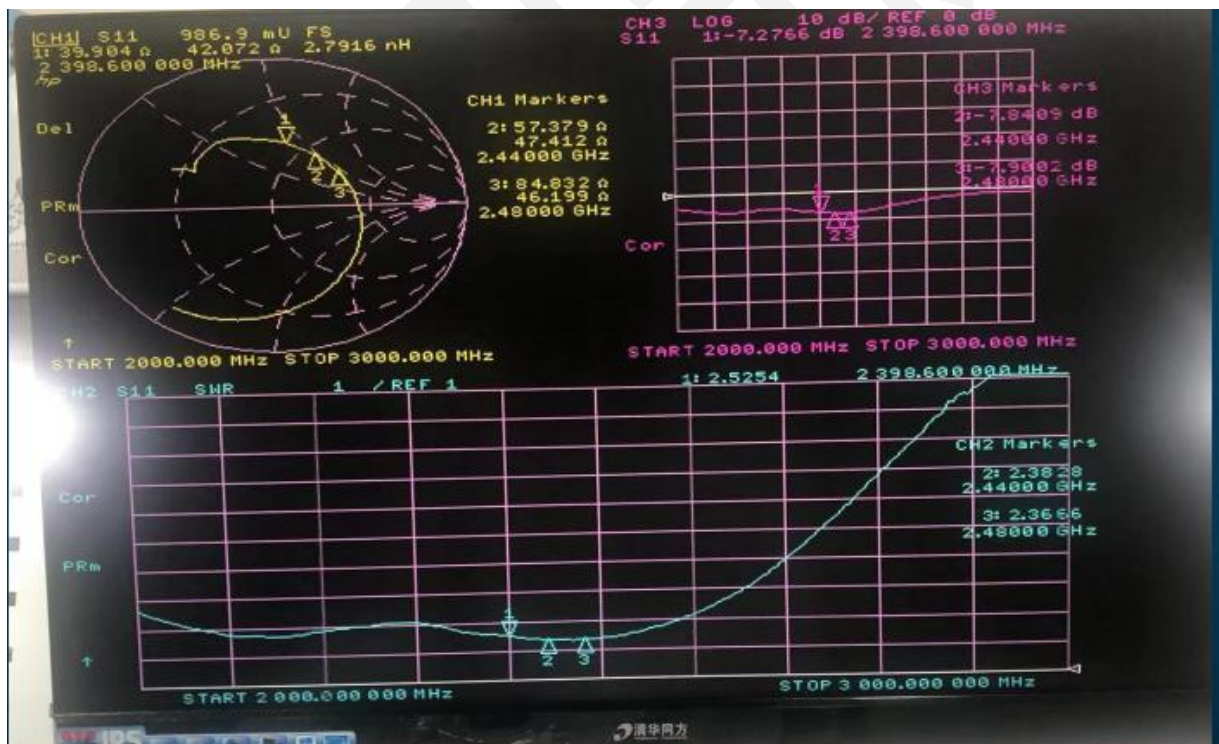
TIS: total isotropic sensitivity

3. Electrical Performance

3.1 Matching Circuit Description



3.2 VSWR(Test in free space)



3.3 Gain&Efficiency

Frequency (MHz)	Gain(dB)	Efficiency(%)
2400	-4.21	15.73
2410	-4.04	16.14
2420	-4.84	17.01
2430	-4.75	18.48
2440	-4.68	18.33
2450	-4.32	19.95
2460	-4.54	18.07
2470	-3.96	16.52
2480	-4.56	17.89
2490	-4.75	16.44
2500	-4.85	16.24

Frequency (MHz)	Gain(dB)	Efficiency(%)
2400	-7.62	4.86
2410	-8.05	4.8
2420	-7.82	4.86
2430	-8.07	4.94
2440	-8.07	5.15
2450	-7.87	5.16
2460	-7.87	5.41
2470	-7.95	5.54
2480	-7.83	5.78
2490	-7.81	5.84
2500	-7.7	5.86

4. Antenna Engineer drawing

