



天线承认书

Parts Approval Sheet

Customer	乐屋	Project	N31
Band	BT2	Color	Black
PN	X3313	Version	V1
Customer material number			

DATE: 2025/09/17

R&D			QC
Issued by	Checked by	Confirmed by	Checked by
Customer Confirm			

Environmental requirements: ☒ ROHS

☐ REACH

☐ 无

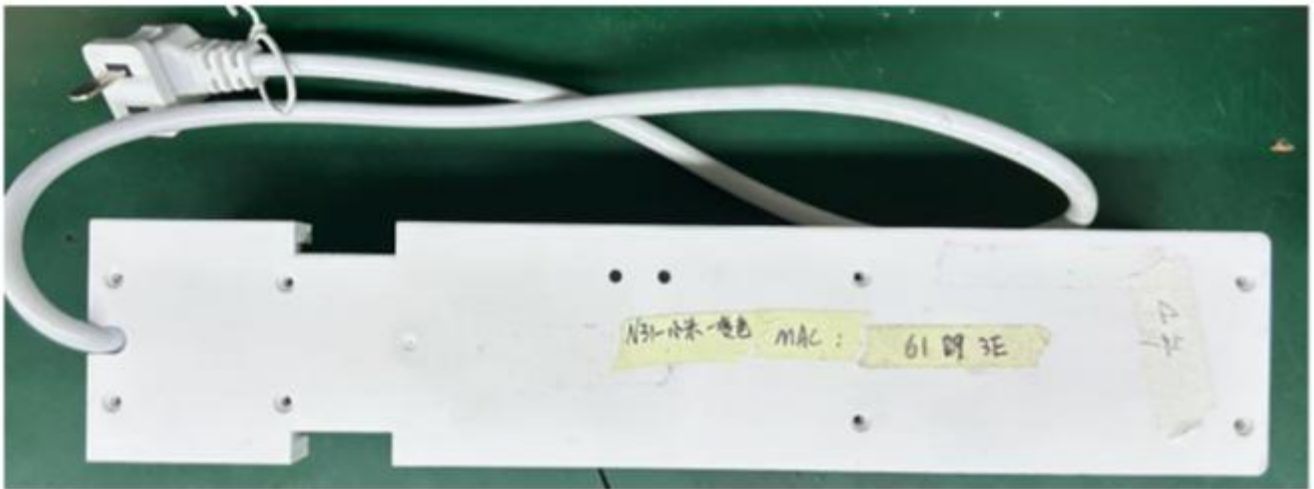
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1.Summary

This report summarizes the electrical results of the our antenna to support the project N31

N31-小米蓝牙



2.General Description

2.1 Antenna Components/Part revisions

The antenna part number is T: A

2.2 Definitions

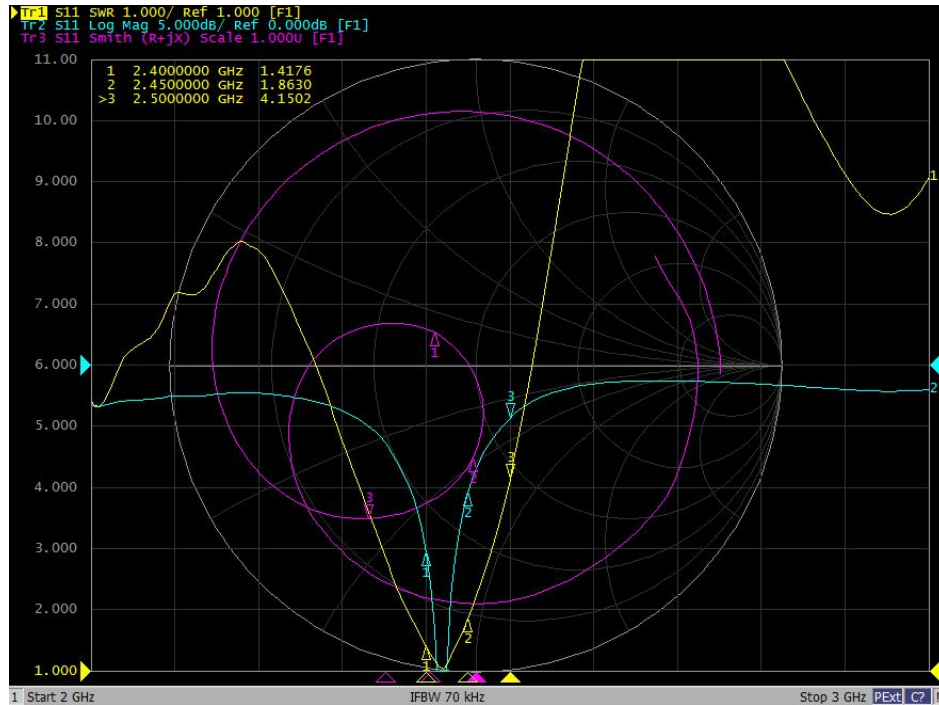
VSWR: Voltage Standing Wave Rate

TRP: total radiated power

TIS: total isotropic sensitivity

3. Electrical Performance

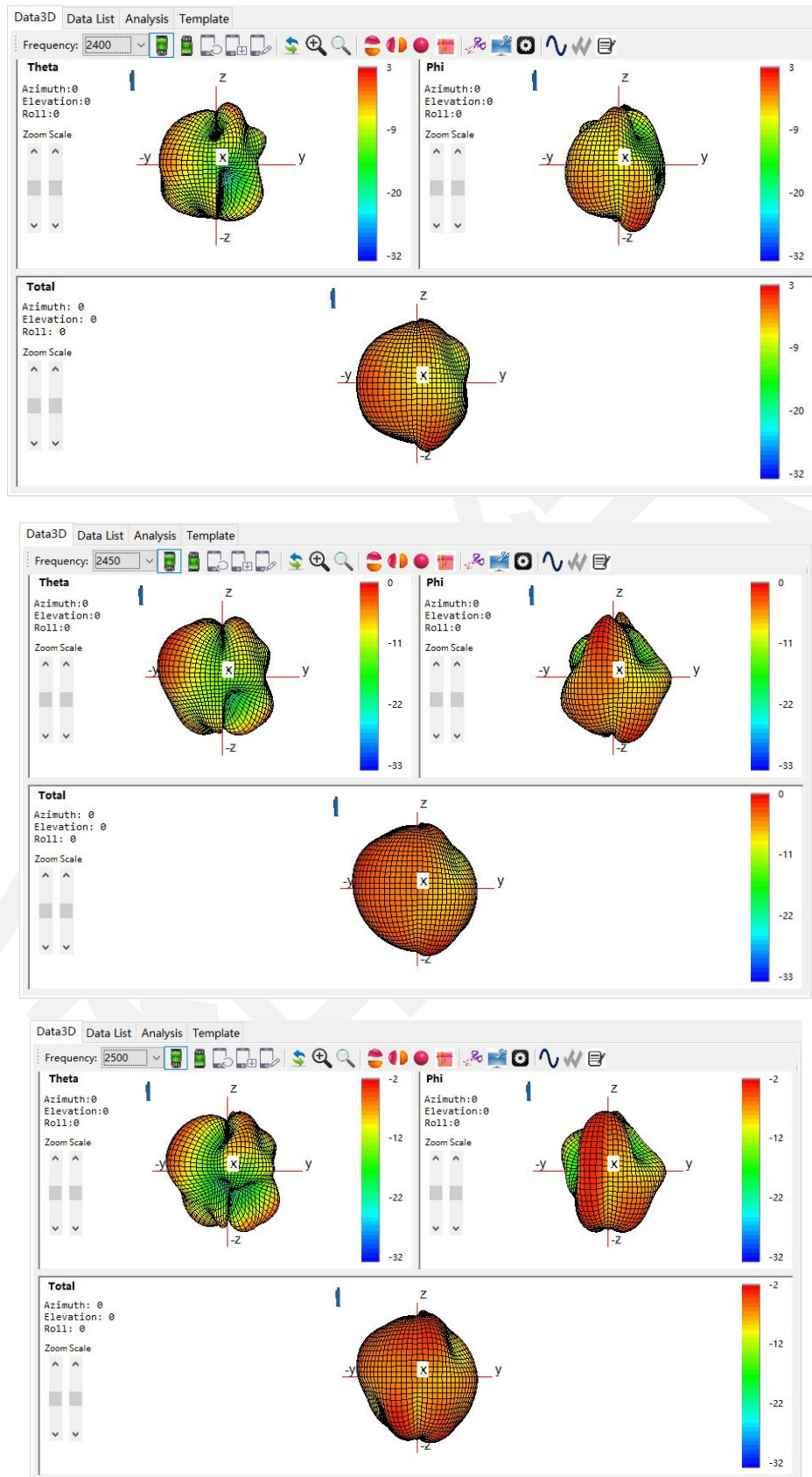
3.1 Smith Chart



3.2 Gain&Efficiency

Frequency (MHz)	Gain(dBi)	Efficiency(%)
2400	1.73	40.45
2410	1.46	42.75
2420	1.91	43.18
2430	2.02	42.69
2440	1.29	39.77
2450	0.52	37.36
2460	0.08	35.46
2470	-0.93	34.73
2480	-0.89	33.97
2490	-1.09	33.4
2500	-2.06	31.11

3.3 3D pattern



4.Antenna Engineer drawing

