



天线承认书

Parts Approval Sheet

Customer	Man Ruide	Project	Y39
Band	BT	Color	BLACK
PN	X1987	Version	V0
Customer material number			

DATE: 2023/08/10

R&D			QC
Issued by	Checked by	Confirmed by	Checked by
Wu Haiyuan	Zhong Yiming	Liang YI	Cai Zhi
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 Y39. 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

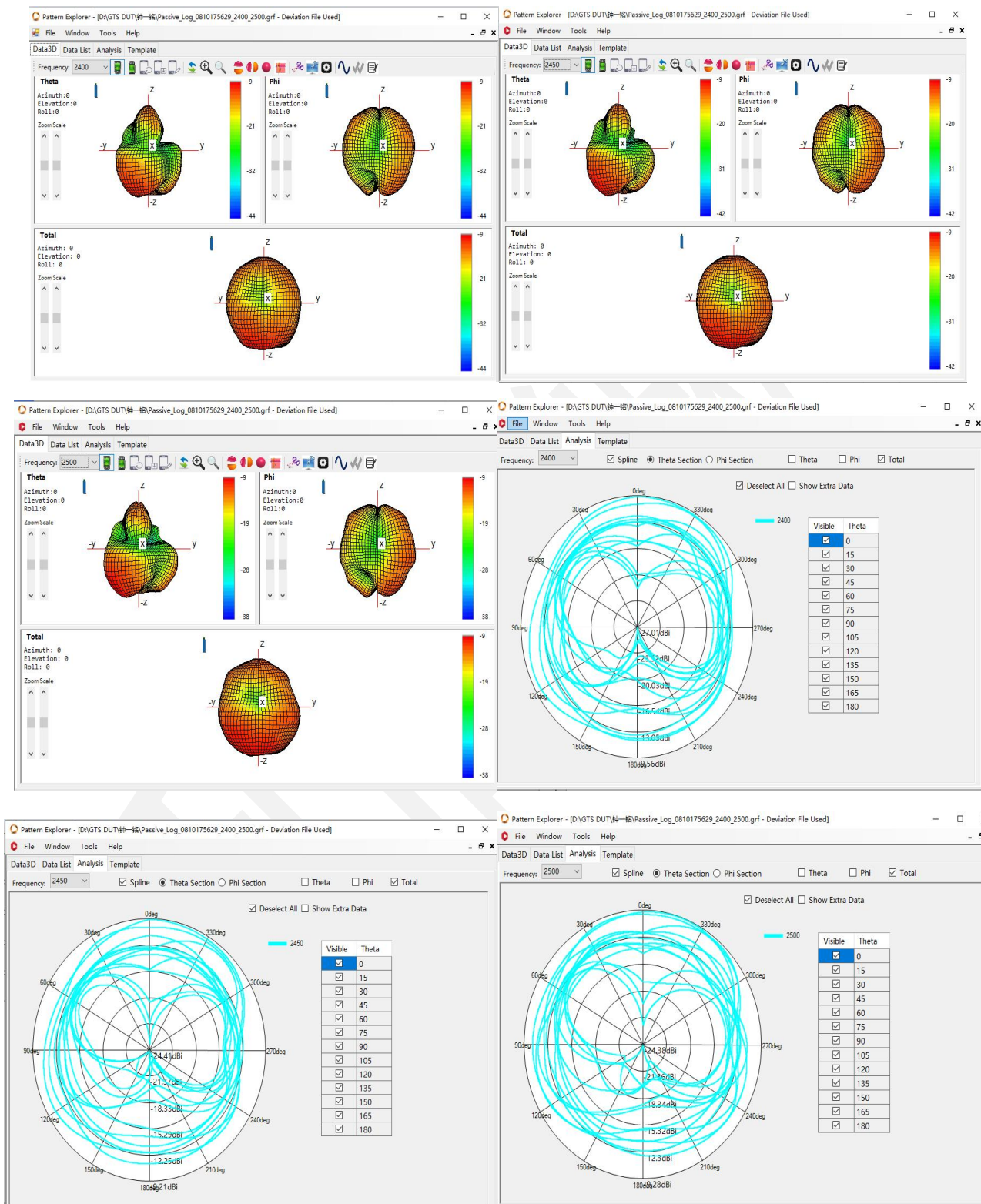
TIS: total isotropic sensitivity

3. Electrical Performance

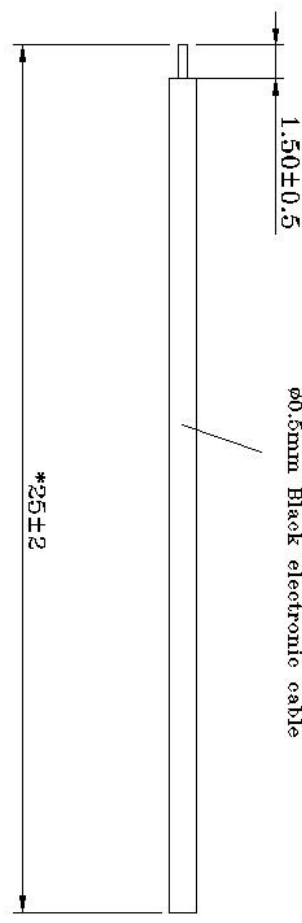
3.1 Gain&Efficiency

Frequency (MHz)	Gain (dB)	Efficiency (%)
2400	-8.73	5.38
2410	-8.58	5.4
2420	-8.93	5.06
2430	-8.48	5.5
2440	-8.21	5.68
2450	-7.71	5.89
2460	-7.08	6.18
2470	-6.67	6.46
2480	-6.68	6.47
2490	-6.46	6.73
2500	-6.15	7.15

3.2 2D&3D Radiation Pattern



4. Antenna Engineer drawing

1	2	3	4	5	6
Environmental requirements : ROHS ☒ REACH ☐ No					
					
Note: 1. Mark "*" to indicate key inspection dimensions; 2. Packaging using PE bags 3. This product is fully environmentally friendly, and all processes adopt environmentally friendly processes;					
Shenzhen HamyWe Technology Co., Ltd					
marked to tolerance standard		type of machine			
XX	±2	○	0.1	material number	
XX	±1	⊙	0.05	X1887-139	
X	±0.5	⊥	0.05	Product name	
.X	±0.2	□	0.05	BT-ANTENNA	
.XX	±0.10	Angle	±3°	Date	
pages in total page 1			Special Process		
First perspective			Auditor		
unit mm			scale		
mark change date			Changed By		
1			2		
3			4		
5			6		