



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

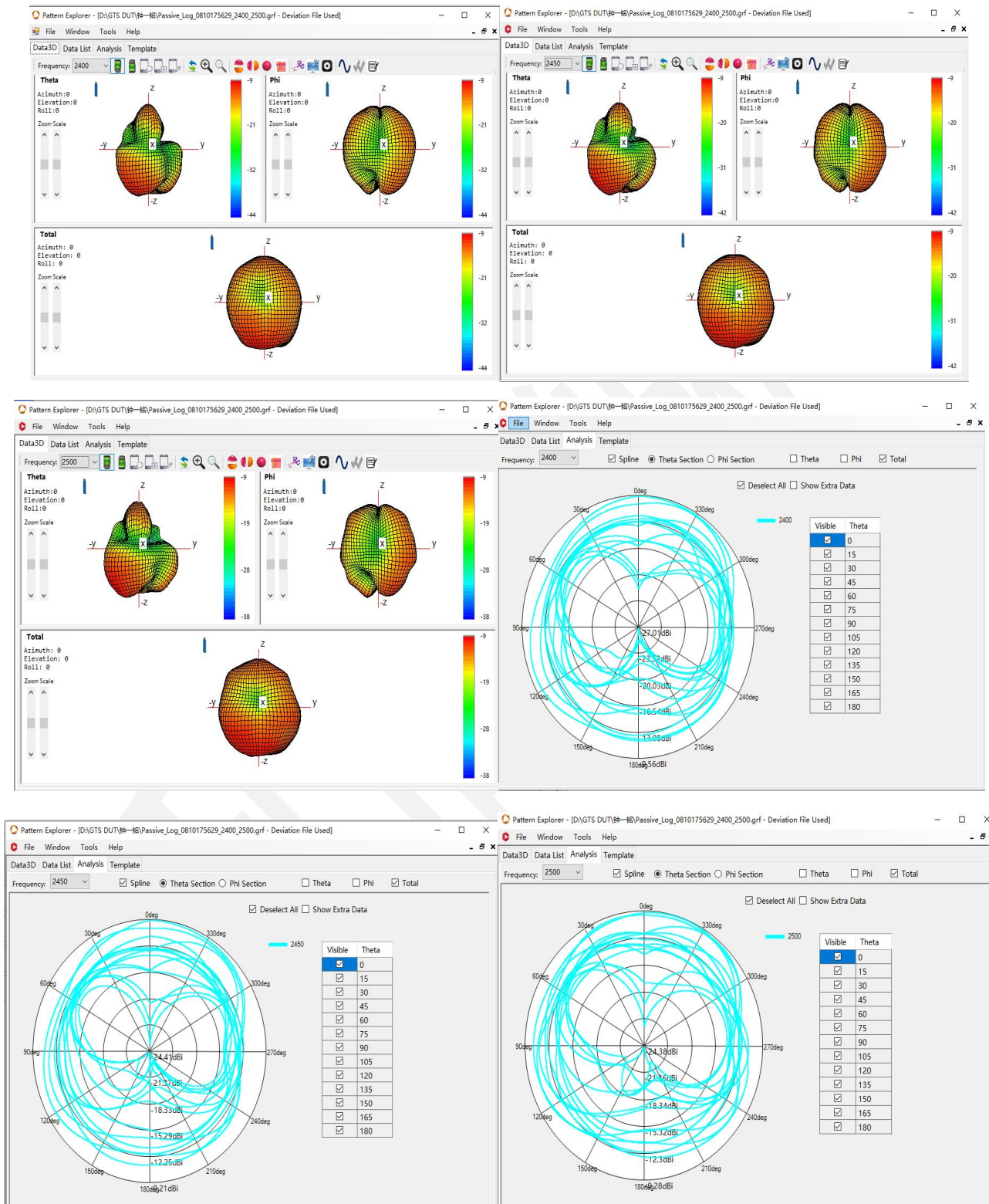
TIS: total isotropic sensitivity

3. Electrical Performance

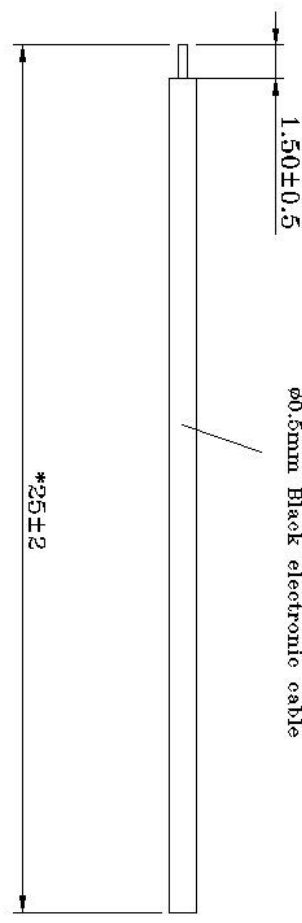
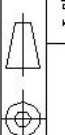
3.1 Gain&Efficiency

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 <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td>XXX</td> <td>±2</td> <td>○</td> <td>0.1</td> </tr> <tr> <td>XX</td> <td>±1</td> <td>⊙</td> <td>0.05</td> </tr> <tr> <td>X</td> <td>±0.5</td> <td>⊥</td> <td>0.05</td> </tr> <tr> <td>.X</td> <td>±0.2</td> <td>∠</td> <td>0.05</td> </tr> <tr> <td>.XX</td> <td>±0.10</td> <td>Angle</td> <td>±3°</td> </tr> </table>		XXX	±2	○	0.1	XX	±1	⊙	0.05	X	±0.5	⊥	0.05	.X	±0.2	∠	0.05	.XX	±0.10	Angle	±3°	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="text-align: center;">Type of machine</td> <td style="text-align: center;">Material number</td> <td style="text-align: center;">Product name</td> <td style="text-align: center;">BT-ANTENNA</td> <td style="text-align: center;">Date</td> <td style="text-align: center;">2023.08.10</td> </tr> <tr> <td style="text-align: center;">X1887-Y39</td> <td style="text-align: center;">X1887-Y39-BT</td> <td style="text-align: center;">Special Process</td> <td style="text-align: center;">M D</td> <td style="text-align: center;">R F</td> <td style="text-align: center;">Auditor</td> </tr> </table>				Type of machine	Material number	Product name	BT-ANTENNA	Date	2023.08.10	X1887-Y39	X1887-Y39-BT	Special Process	M D	R F	Auditor
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