



RTANT

Rtant Communications Co., Ltd

Building E, Delang Industrial Innovation Park, Shalong Road, Shatang
Community, Houjie Town, Dongguan, Guangdong, China

Antenna Commissioning & Test Report

Customer: Quanyida

Antenna Engineer: Liu Ming

Date: 2026-09-08

Version: V0.0



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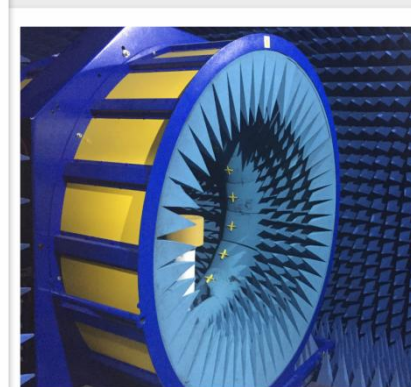
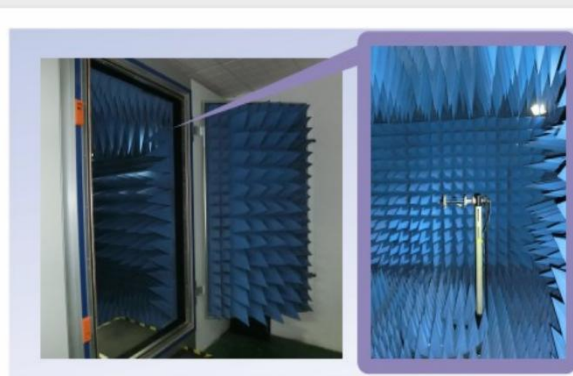
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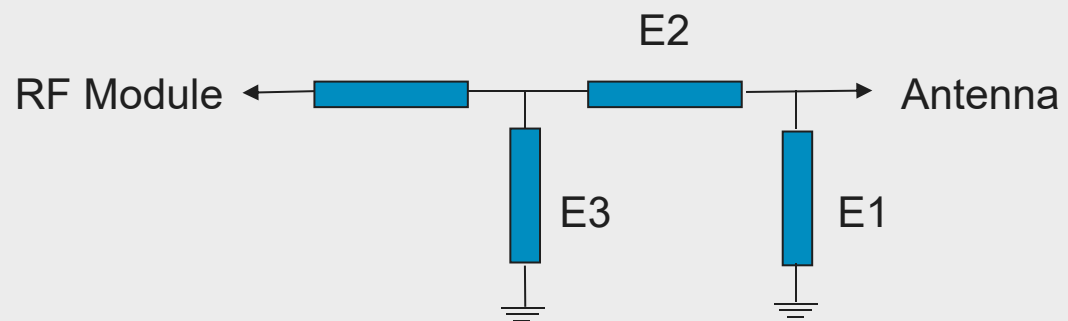
Information				
Antenna Type & Frequency Band Information	Antenna Type	Frequency Band	Gain (dBi)	
	PCB antenna	2400-2500MHz	1.29	
Antenna Description	Antenna Description:On - board antenna (Antenna only tested, excluding matching circuit.)			



Test Item	Test Equipment
S11、 S12 、 VSWR 、 LOSS	Vector Network AnalyzerE5071B、 E8753D
Efficiency、 Gain、 3D Radiation Pattern	Satimo SG16Anechoic Chamber
TRP、 TIS	SSatimo SG16Anechoic Chamber



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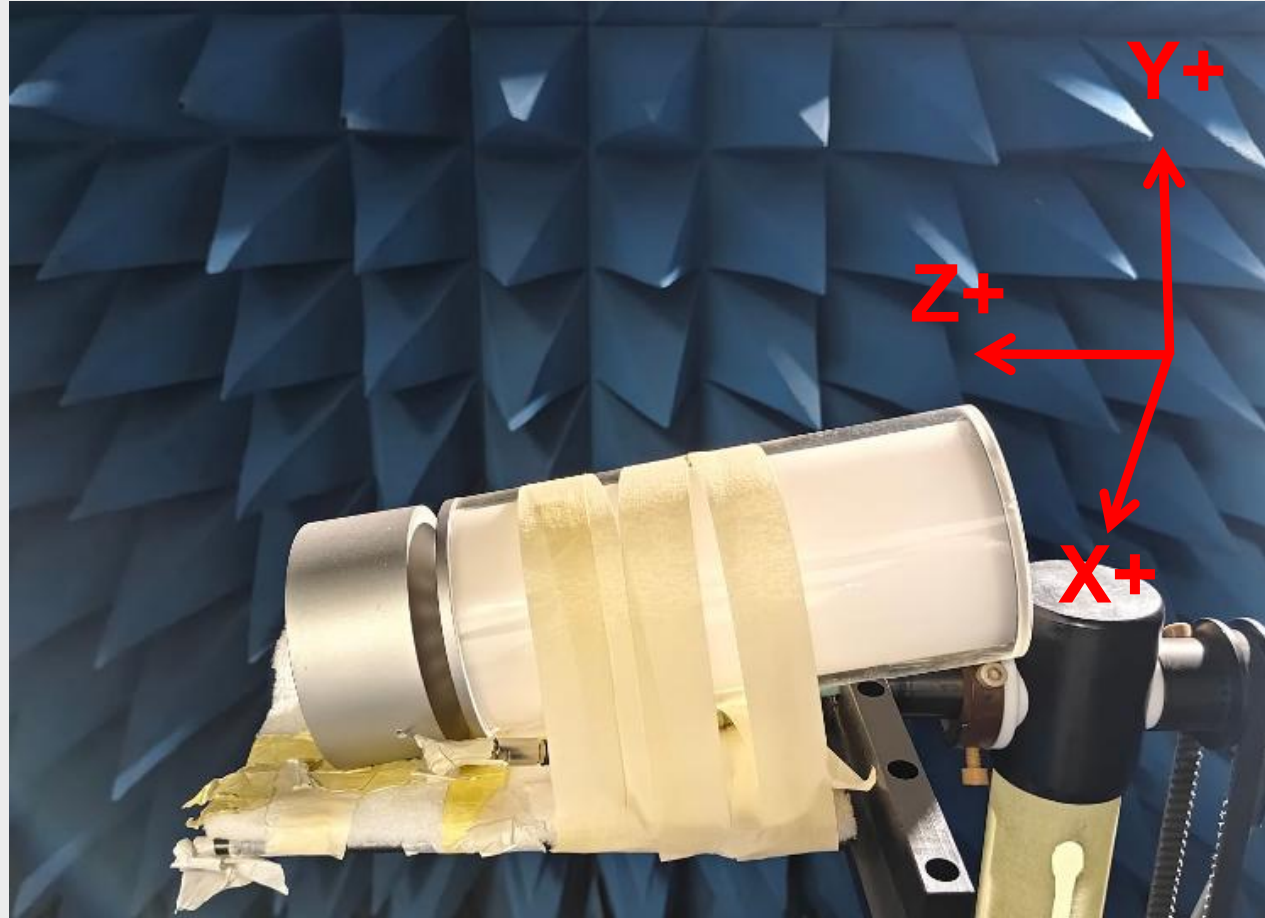
	Element	Value
	E1	N/A
	E2	0Ω
	E3	N/A



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Anechoic Chamber Coordinate Marking





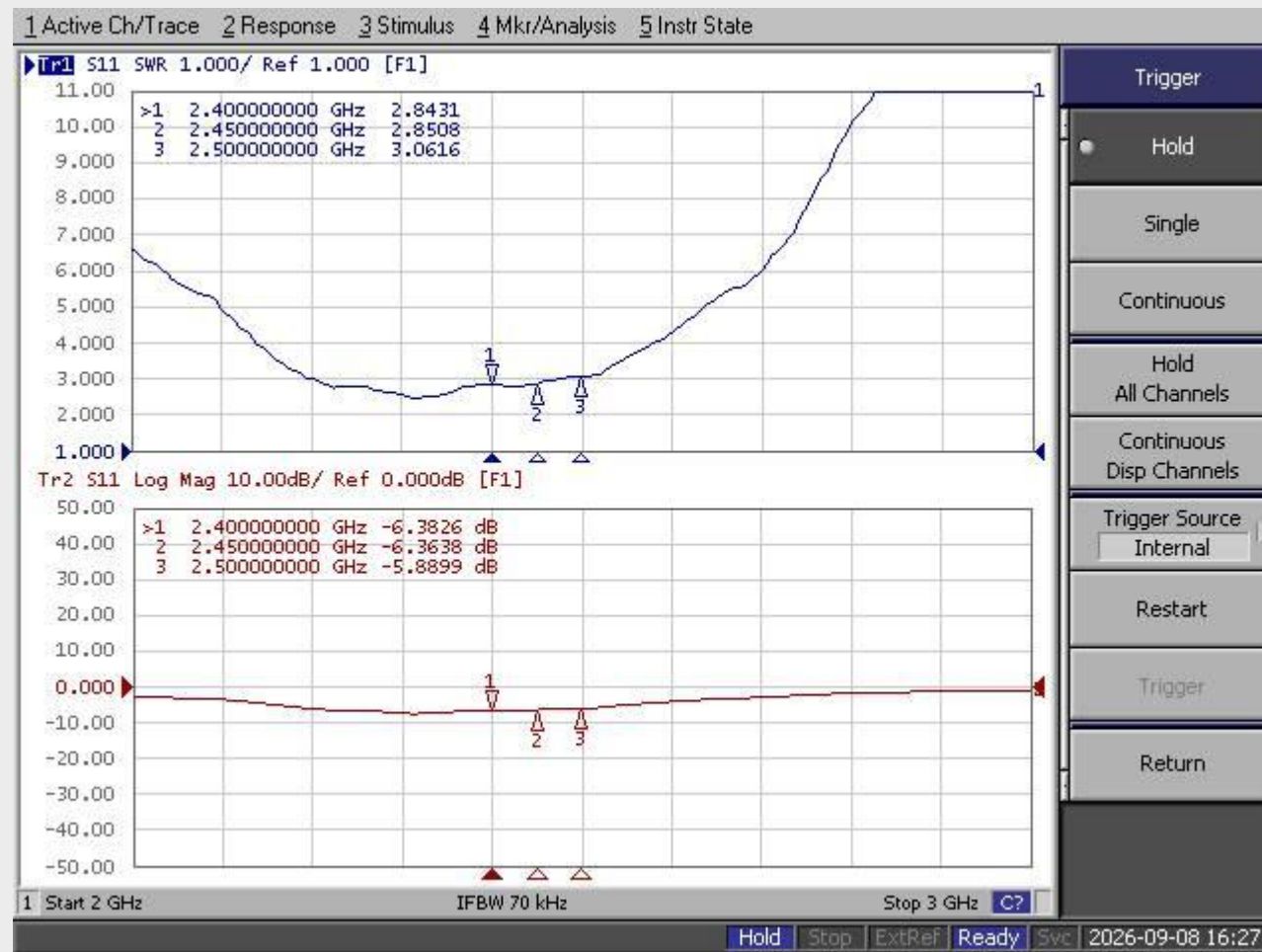


Passive
Data

R-LOSS.VSWR



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Passive
Data

Effi / Gain



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Frequency	2.40GHz	2.45GHz	2.50GHz
Efficiency (%)	25.68	27.63	28.89
Gain (dBi)	1.04	0.95	1.29

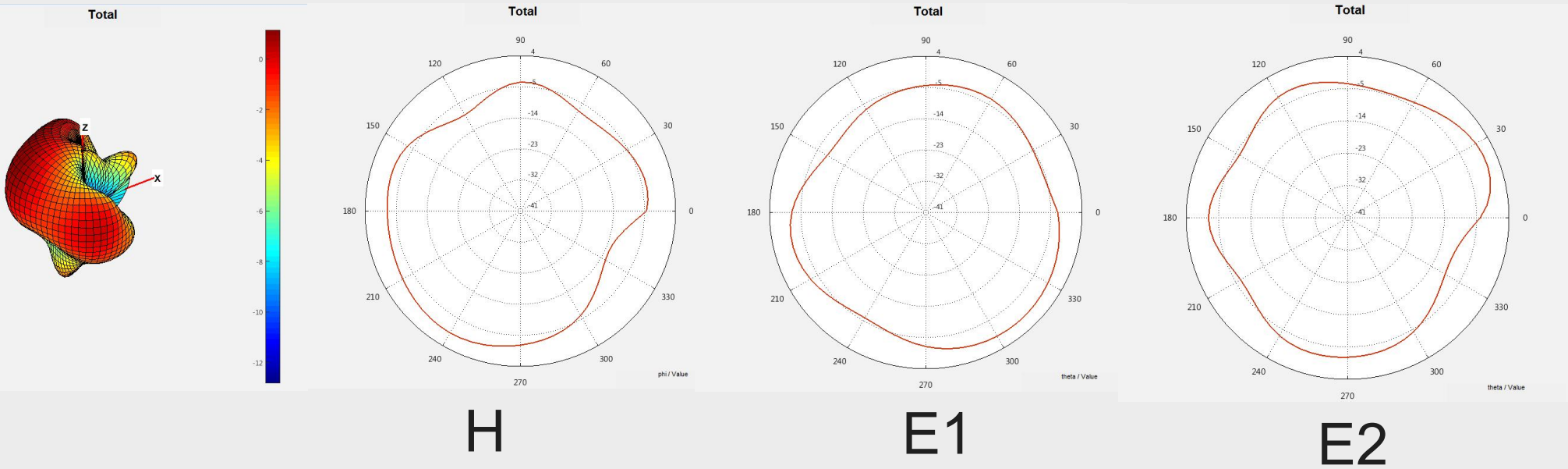


Passive
Data



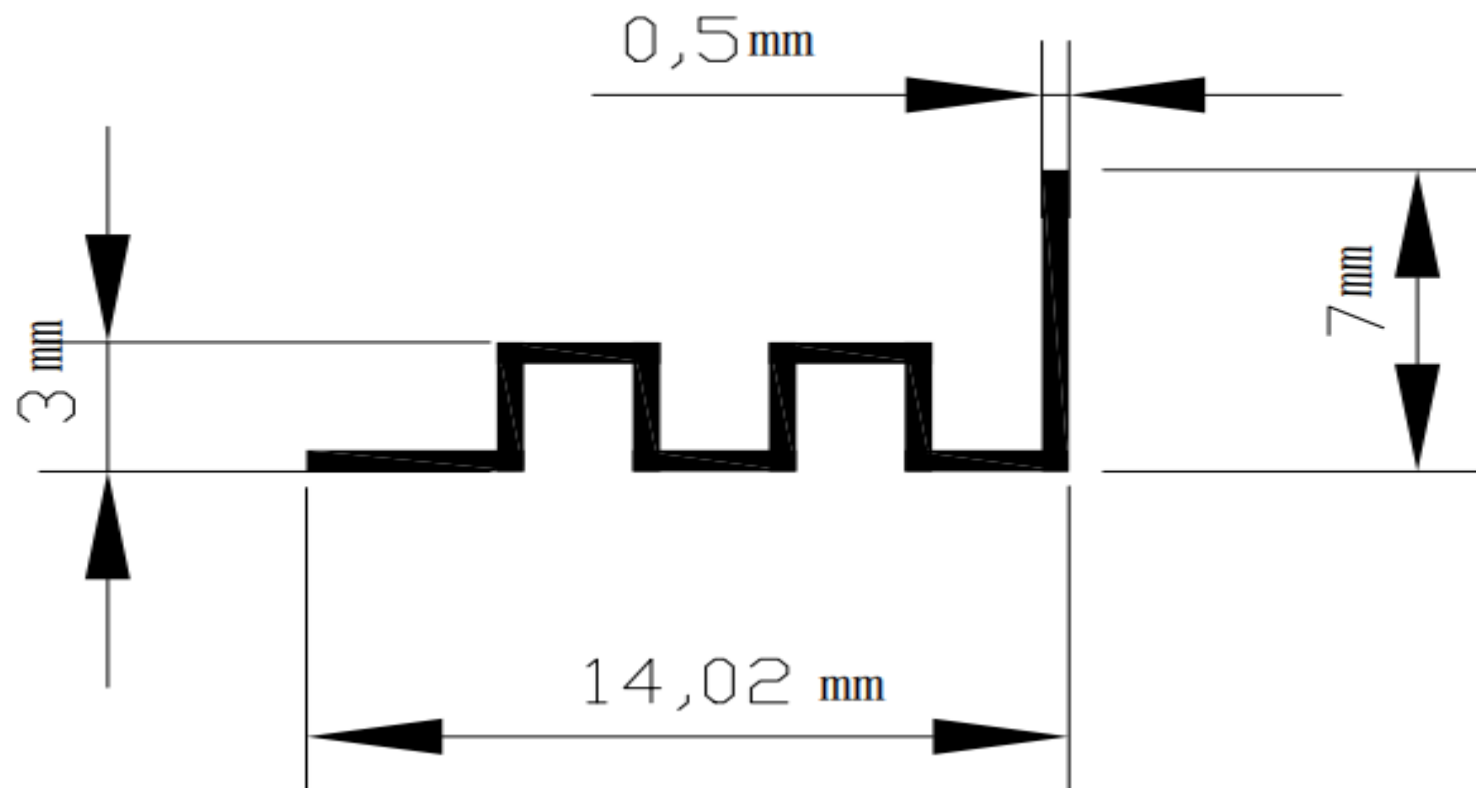
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Radiation Pattern 2450MHz





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