

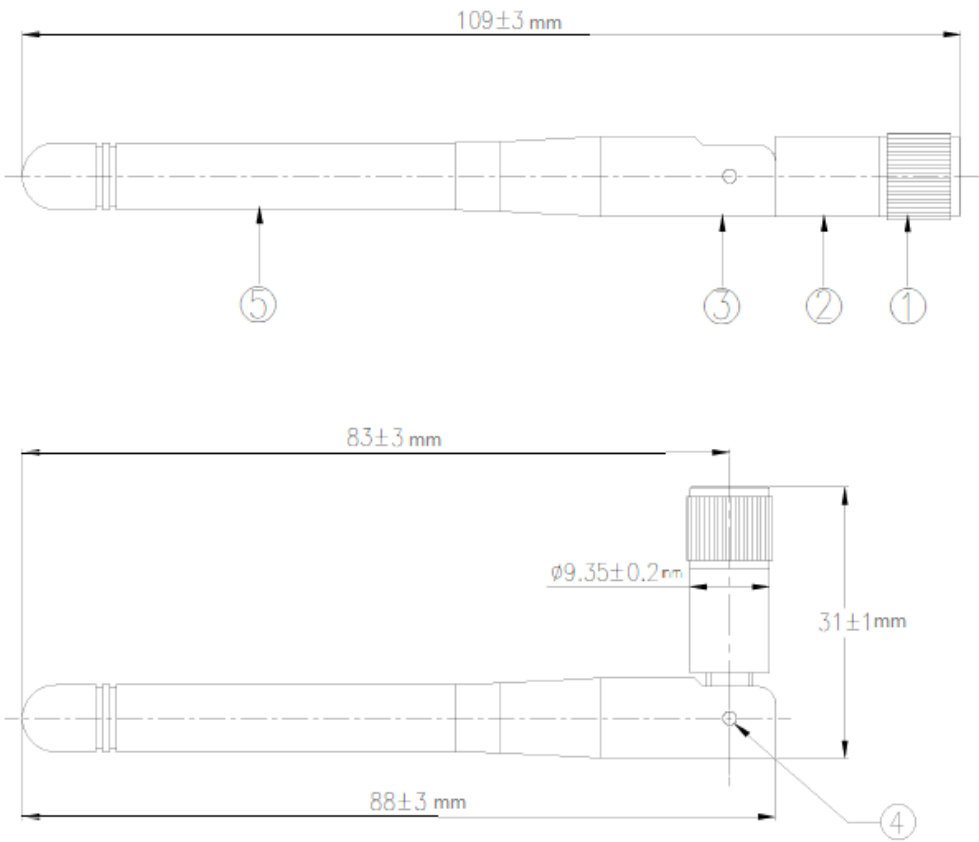
Product Recognition Letter
SPECIFICATION FOR APPROVED

CUSTOMER: _____
PRODUCTS: _____ 5G-2DB adhesive rod antenna _____
PART NO: _____ 2HM2 (female needle) 2HG2 (male needle) _____
Spec. : _____
Data: _____ 2022. 05. 16 _____

SUPPLIER		
PREPARED BY	CHECKED BY	APPROVED BY
The vast ocean		Alen

ANTENNA SPECIFICATION

1 Physical map



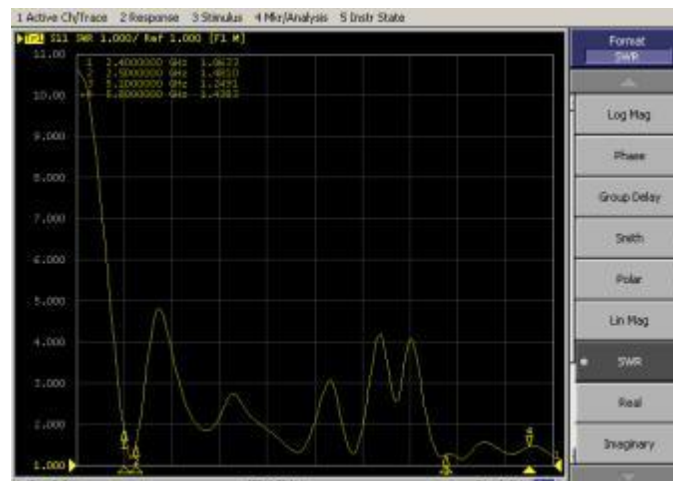
2. Electrical Characteristics

Test Environment Conditions

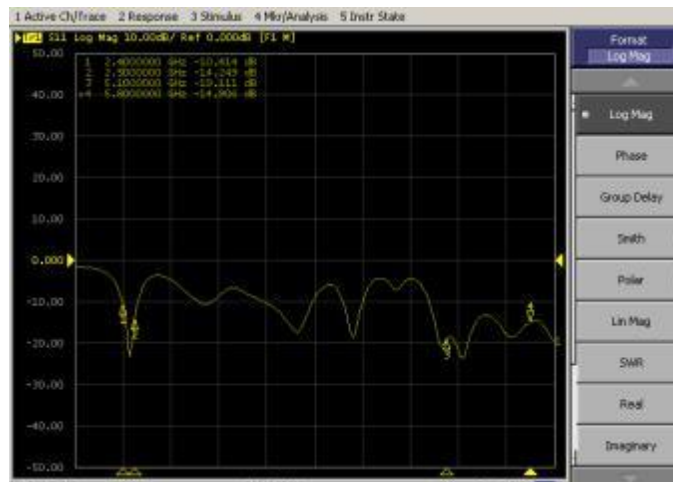
Temperature	Ordinary Temperature (5 to 35°C)
Humidity	Ordinary Humidity (25 to 85% RH)

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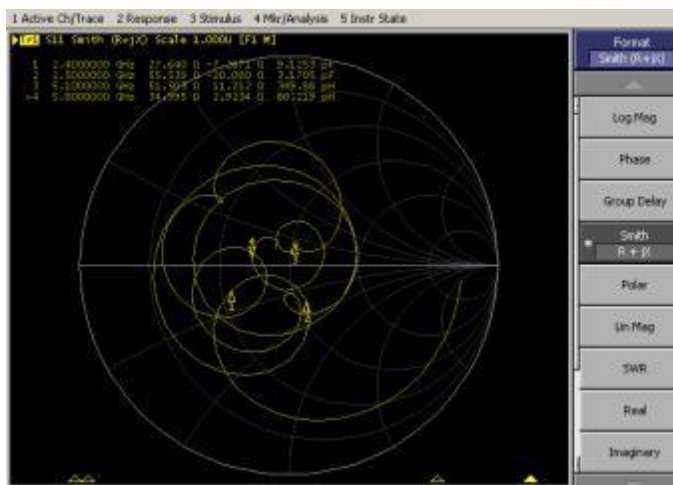
2.2.1. VSWR



2.2.2. Log Mag

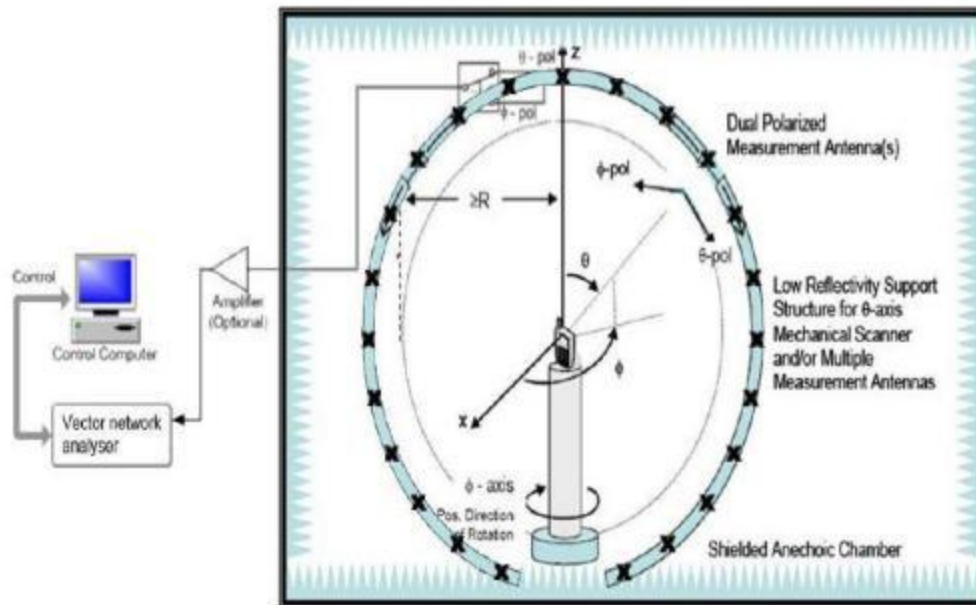


2.2.3. Impedance



2.3. Efficiency and Gain

2.3.1. Test system



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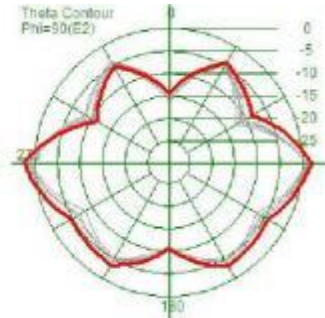
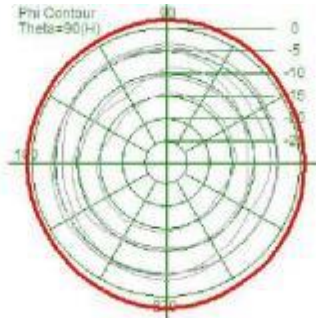
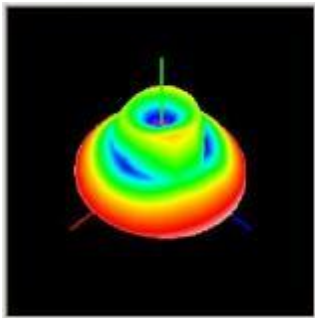
2.3.2. No-source test data

Frequency (MHz)	Efficiency (%)	Gain (dBi)
2400 MHz	74.15	4.52
2410 MHz	75.12	4.83
2420 MHz	74.98	4.89
2430 MHz	74.54	4.93
2440 MHz	73.31	4.94
2450 MHz	73.23	4.64
2460 MHz	77.98	4.10
2470 MHz	77.9	4.15
2480 MHz	77.66	4.06
2490 MHz	74.57	4.84
2500 MHz	74.09	5.42

2.4GHz

Gain: 4.52dBi

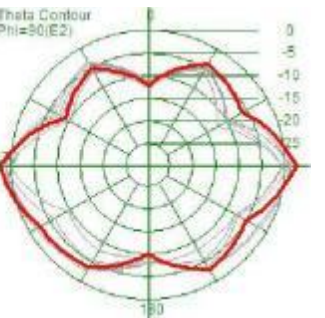
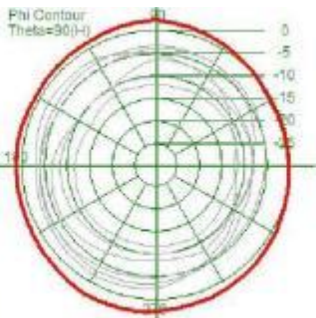
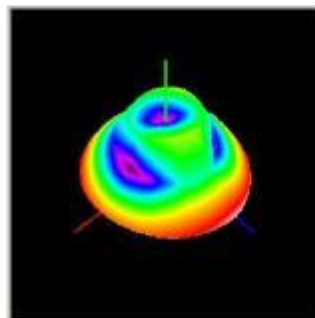
Efficiency:70.15%



2.45GHz

Gain: 4.64dBi

Efficiency: 73.23%



2.5GHz

Gain: 5.42dBi

Efficiency: 74.09%

