

Kunshan Innowave Communication Technology Co., LTD

Antenna Assessment Report For Bluetooth

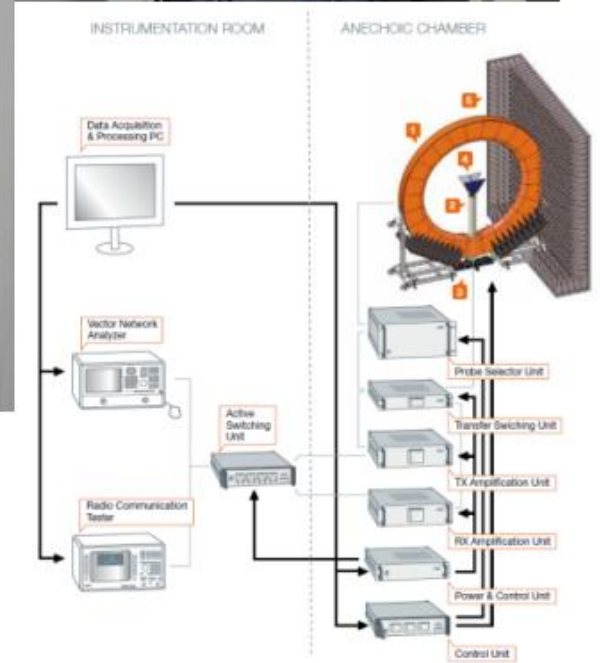
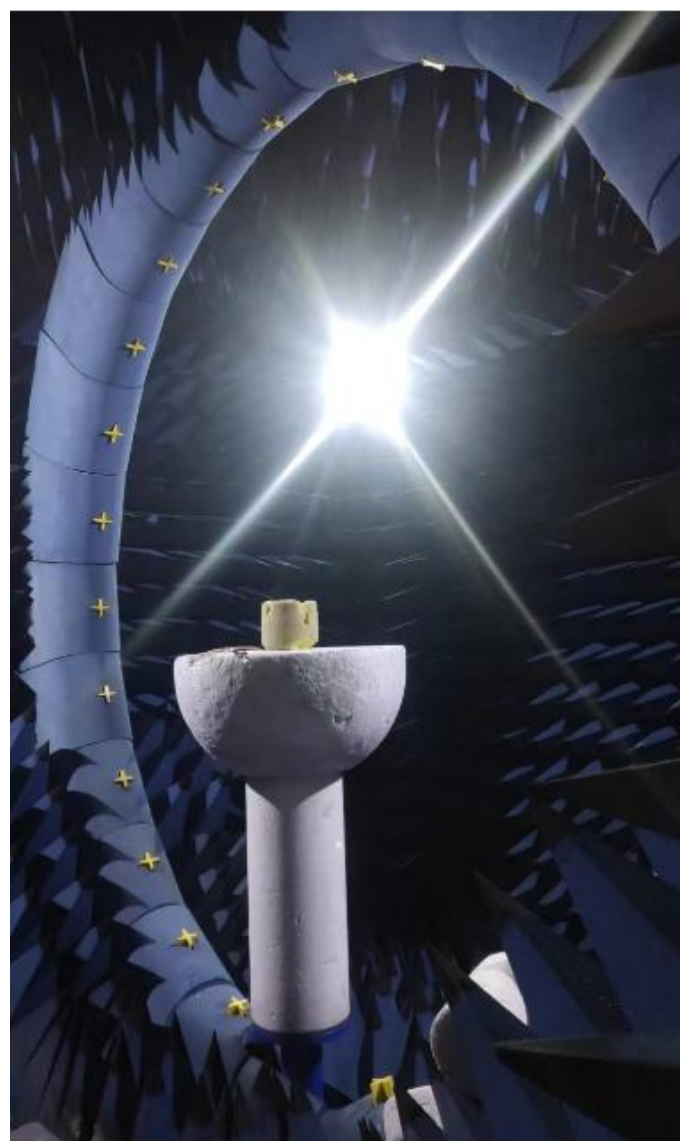
 **Project Type:**
Bluetooth Antenna
Product Description
2400-2500MHz

 **Report Date: 2022.12.19**
 **Report Version: 1.0**
 **Prepared by:**
 **Approved by:**

◆ CONTENTS:

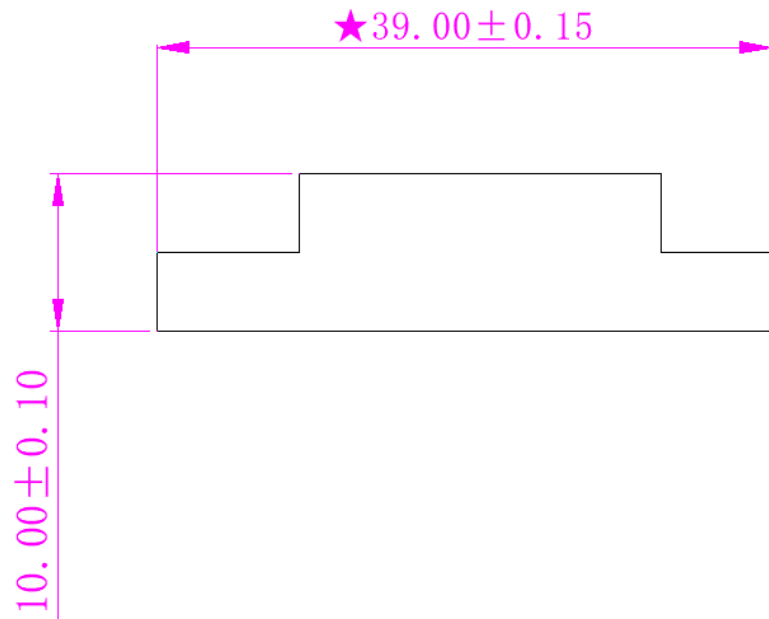
1. Device
2. Antenna appearance figure
3. The antenna performance
 - 3.1. Antenna **SWR**
 - 3.2. Antenna radiation pattern

1. Device



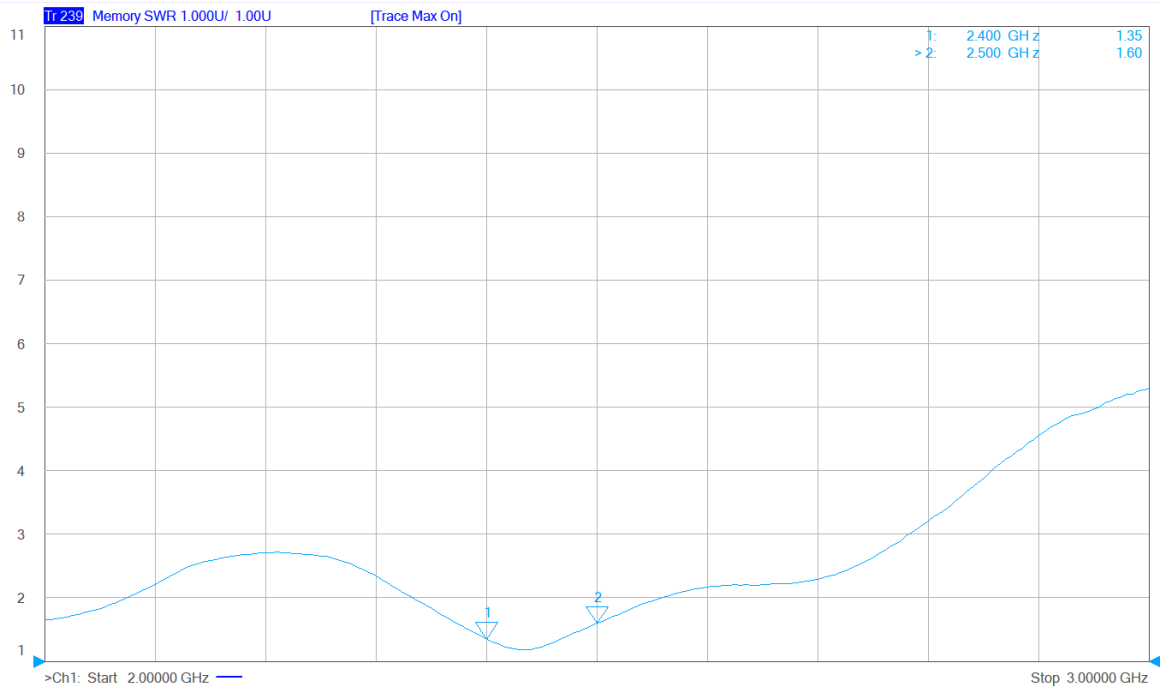
2. Antenna appearance figure

Type of antenna:FPC+Cable BluetoothAntenna Gain :2dBi



3. The antenna performance

3.1 AntennaSWR



3.2 Antenna radiation pattern

2D

Freq(MHz)	Effi (%)	Gain(dB)
2400	41.8%	0.4
2405	42.2%	0.7
2410	42.8%	0.8
2415	43.4%	0.8
2420	43.2%	1.0
2425	43.0%	1.1
2430	42.7%	1.0
2435	42.8%	1.3
2440	43.2%	1.4
2445	43.5%	1.3
2450	43.7%	2.0
2455	45.0%	1.5
2460	46.3%	1.8
2465	46.5%	1.9
2470	46.7%	1.8
2475	45.5%	1.8
2480	44.6%	1.8
2485	44.2%	1.7
2490	43.9%	1.9
2495	43.3%	1.8
2500	41.9%	1.8

