

# PRODUCT SPECIFICATION

Product name:

GT Voice 3 Antenna

Product Code:

GT Voice 3 Antenna

CUSTOMER NUMBER:

Compile : 曾庆雄

Proofread: 曾庆雄

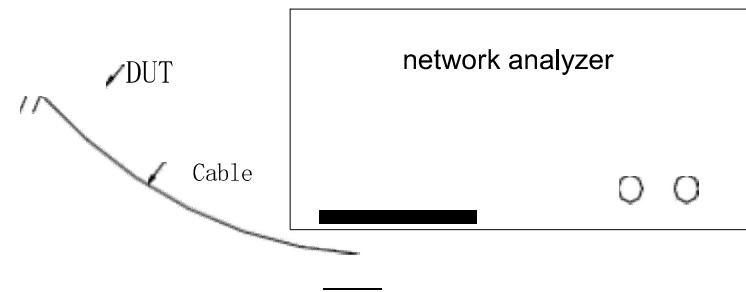
Approve : 张强

Date: 2023. 04. 12

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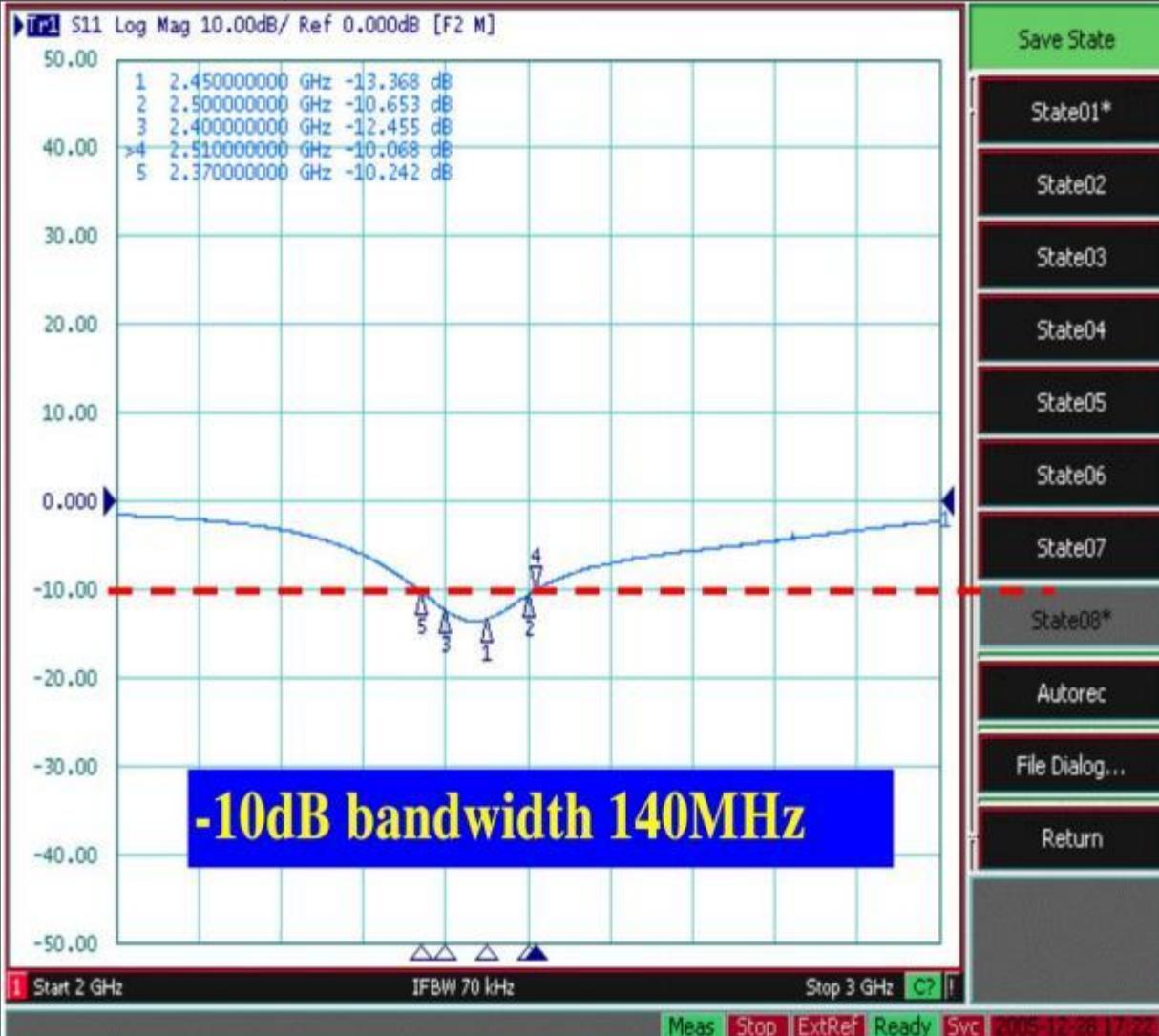
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Longhua District, Shenzhen

Antenna Specifications	
Product Name	GT Voice 3 Antenna
Model	Bluetooth receiver
<b>1. Band</b>	2.402GHz ~2.480GHz
<b>2. Impedance</b>	50 Ω
<b>3. VSWR</b>	When assembling with the designated prototype, place it naturally for measurement 2.402GHz ~2.480GHz Below 1.0
<b>4. GAIN</b>	2.402GHz ~2.480GHz GAIN=3.19dBi (Typical)
<b>5. Antenna type</b>	Meander Line Antenna
	Test method: (→ Assemble the DUT on the designated prototype. (→ Connect the test point on the test piece and the network analyzer with a 50 Ω coaxial cable, Install a magnetic ring on the test cable, To reduce the impact of induced current. (→ Place the prototype on a bracket with a height of 20 cm, Test VSWR by OPEN or CLOSE (→ Install the test circuit according to the following diagram.
	
	(ii). There are no special regulations for the testing environment. (There are no large metal objects around, and it should be carried out in normal temperature and humidity)
4. Power carrying capacity	1W
5. Operating temperature range	-25~+65 °C
6. Storage temperature range	-40~+85 °C

# Antenna Specifications

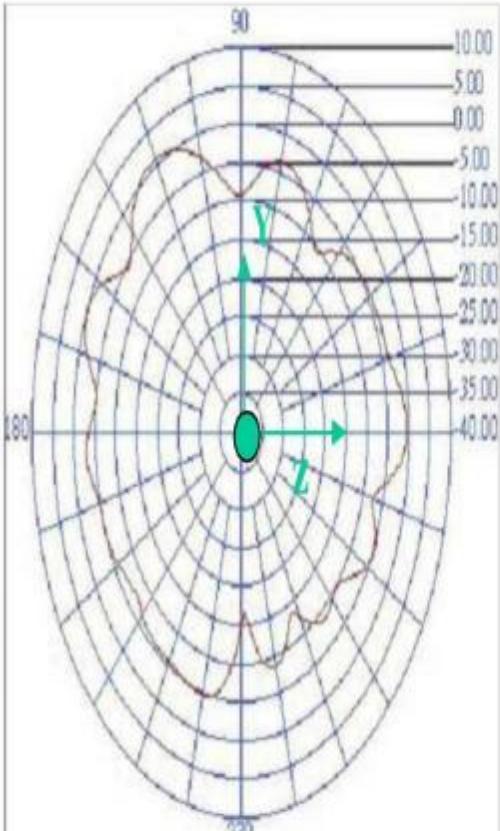
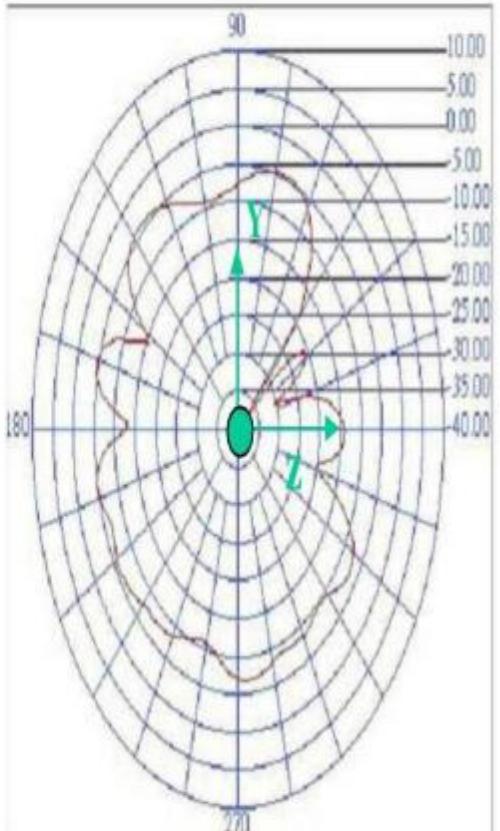
Product Name GT Voice 3 Antenna

Model Bluetooth receiver

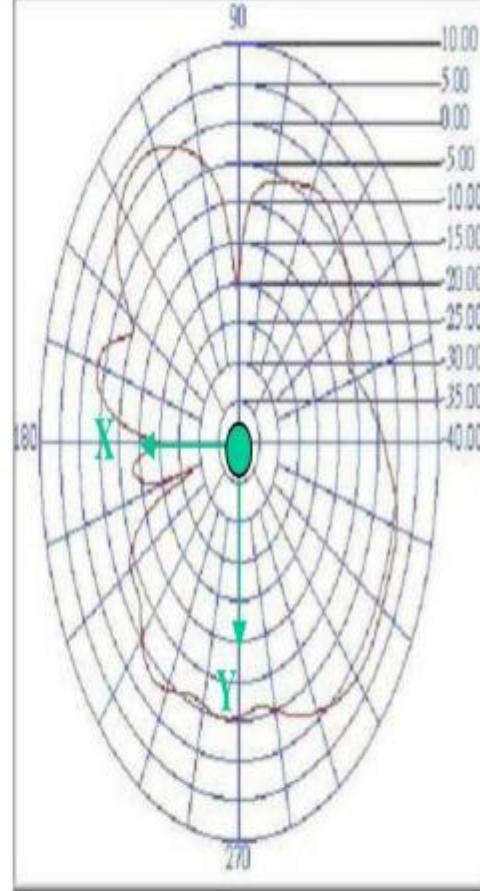
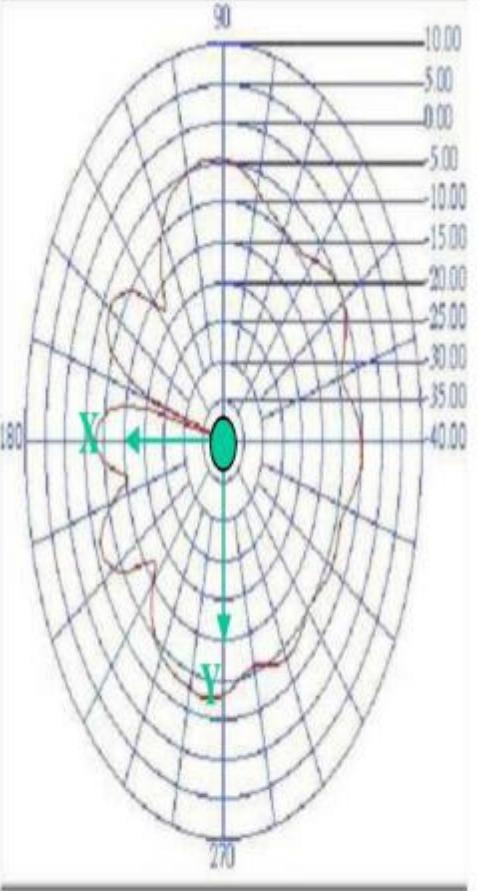


RETURN LOSS

## Antenna Specifications

Product Name	GT Voice 3 Antenna	
Model	Bluetooth receiver	
	<b>Horizontal</b>	<b>Vertical</b>
<b>Y - Z</b> <b>Plane</b>  <span style="color: red;">Average Gain = -3.185 dBi</span>	  Peak Gain = 0.95dBi Average Gain = -4.26 dBi	  Peak Gain = -4.05dBi Average Gain = -8.03 dBi
	<b>Y-Z PLANE</b>	

## Antenna Specifications

Product Name	GT Voice 3 Antenna
Model	Bluetooth receiver
X - Y Plane	 <p>Average Gain= -1.543 dBi</p>
	 <p>Peak Gain= 3.19 dBi Average Gain= -2.65 dBi</p> <p>Peak Gain= -4.48 dBi Average Gain= -8.02 dBi</p>
	X-Y PLANE

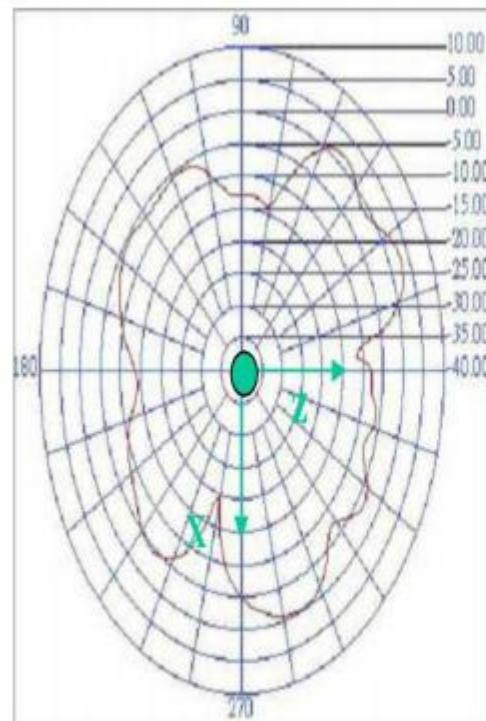
# Antenna Specifications

Product Name      GT Voice 3 Antenna

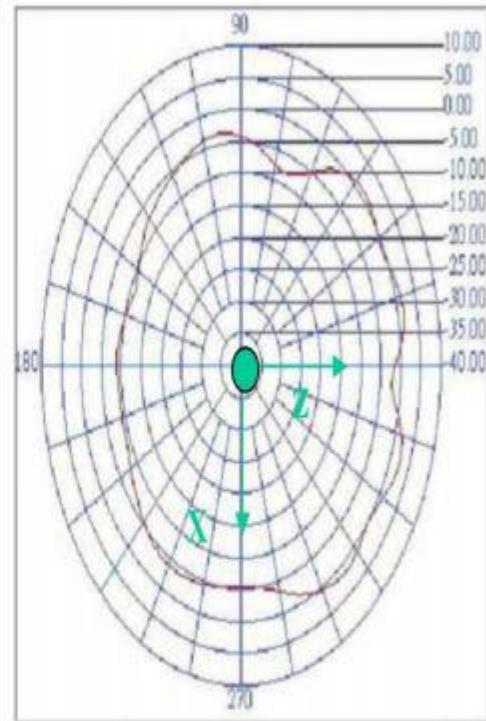
Model                Bluetooth receiver

**X - Z  
Plane**

Average  
Gain= -0.99 dBi

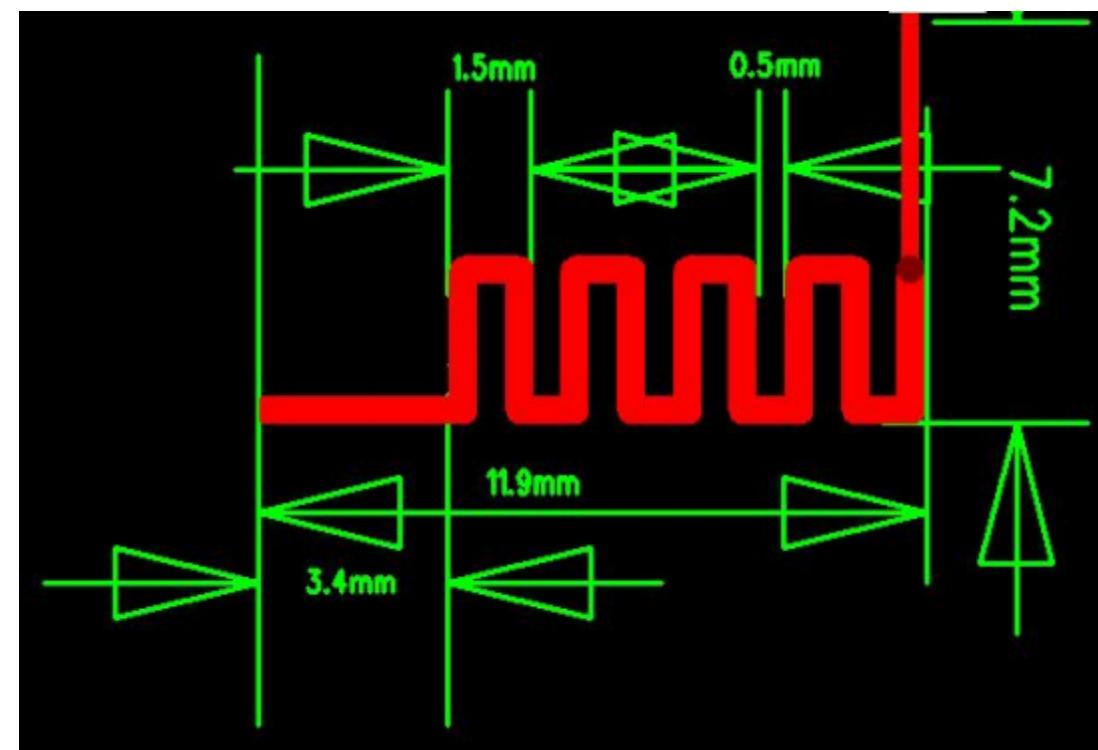


Peak Gain= 3.05 dBi  
Average Gain= -4.10dBi



Peak Gain= 2.49 dBi  
Average Gain= -2.47 dBi

## X-Z PLANE



Actual Antenna Photo

