

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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TEL:0755-61123122

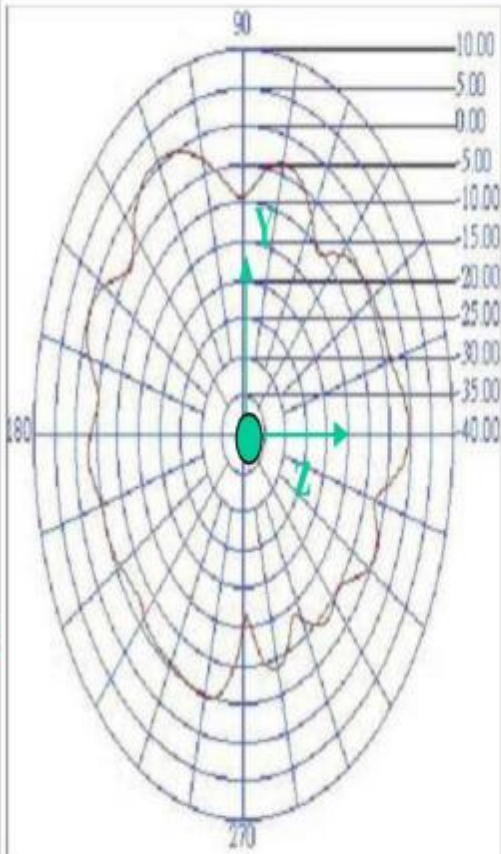
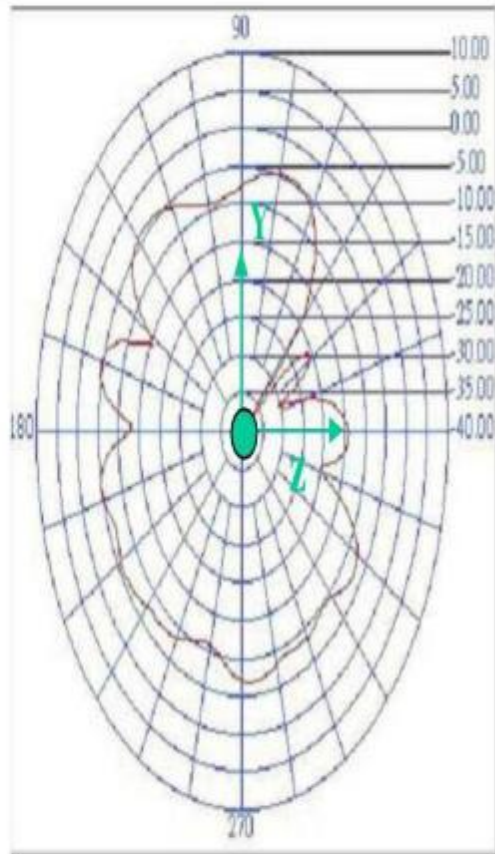
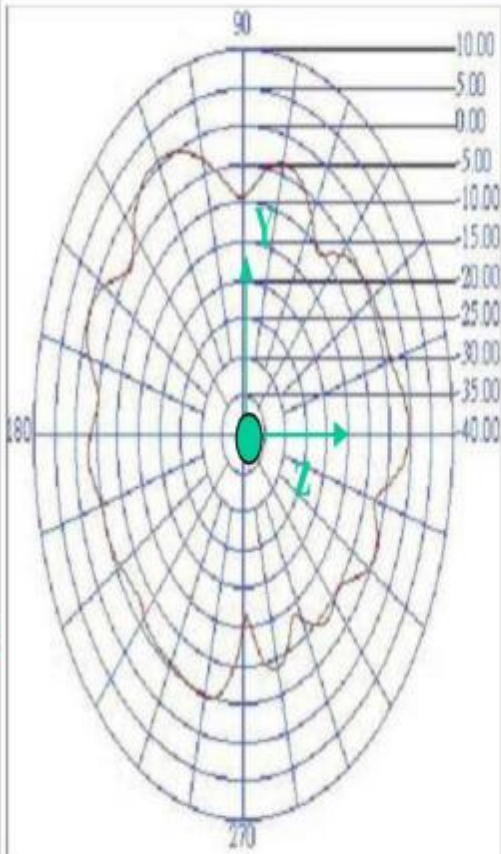
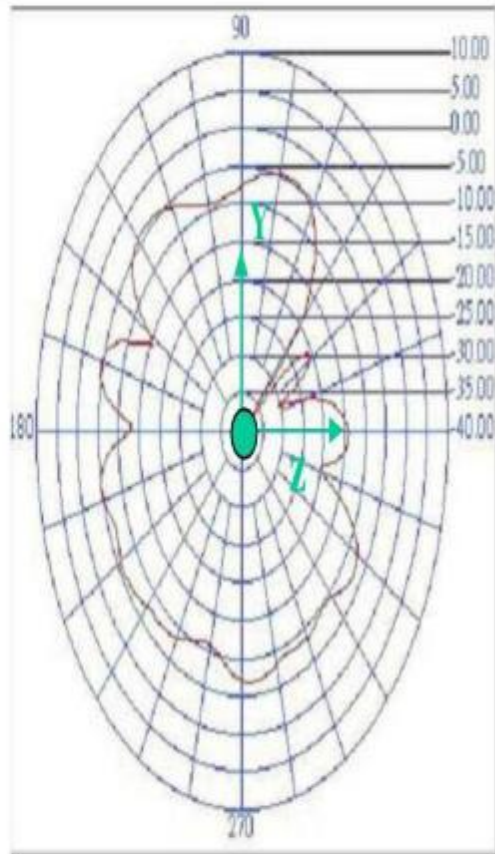
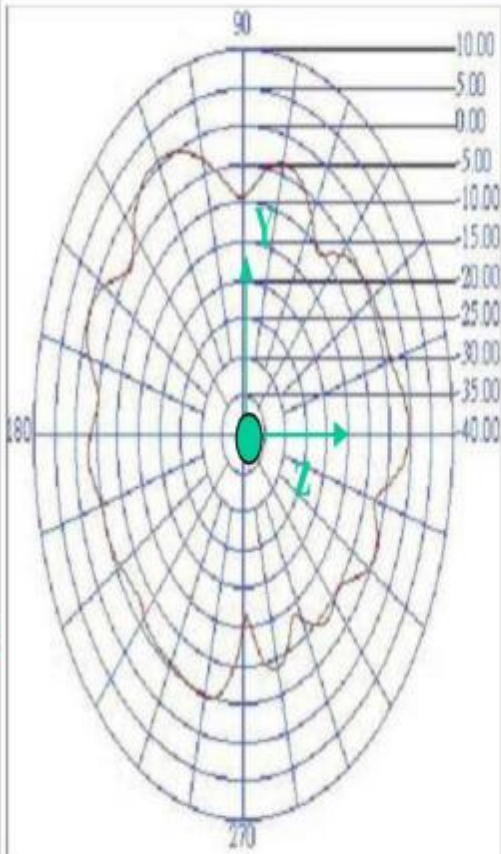
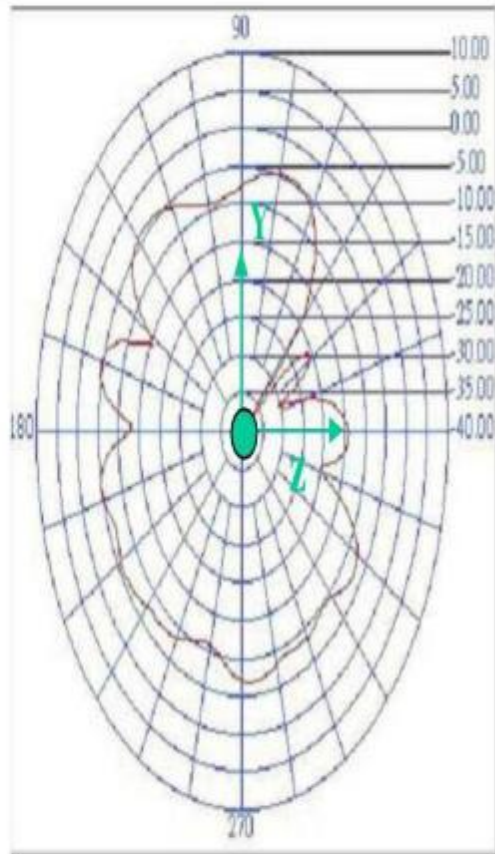
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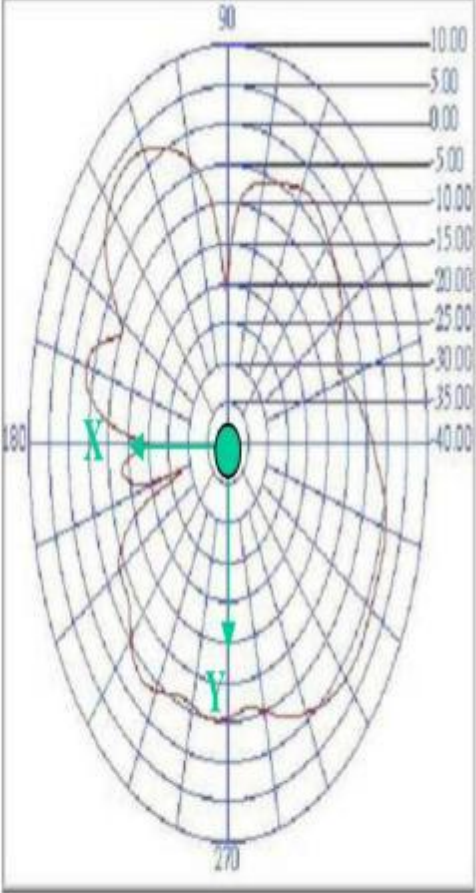
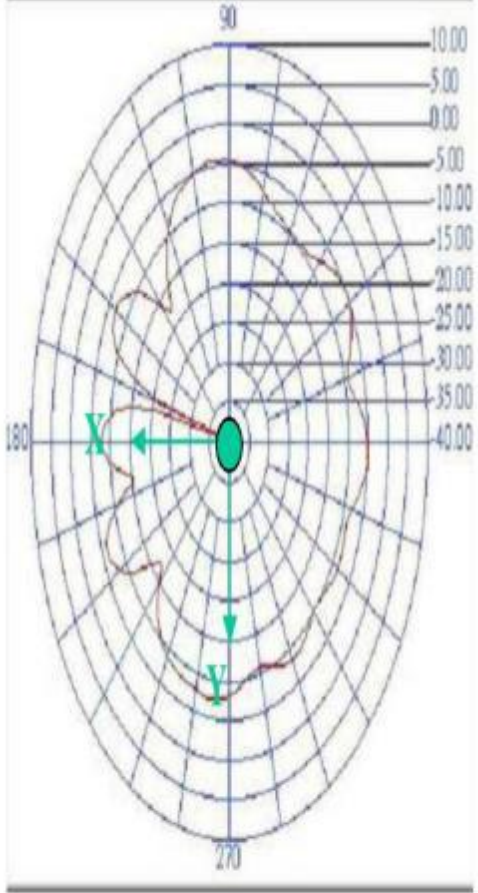
301, No.8, Sanhe Huaqiao District 2, Tongsheng Community, Dalang Street,
Longhua District, Shenzhen

Antenna Specifications	
Product Name	GT Voice 3 Antenna
Model	Bluetooth receiver
Electrical performance	1. Band 2.402GHz ~2.480GHz
	2. Impedance 50 Ω
	3. VSWR When assembling with the designated prototype, place it naturally for measurement
	2.402GHz ~2.480GHz Below 1.0
	4. GAIN 2.402GHz ~2.480GHz GAIN=3.19 dBi (Typical)
	5. Antenna type Meander Line Antenna
	Test method:
	(一) Assemble the DUT on the designated prototype.
	(二) 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.
	(三) Place the prototype on a bracket with a height of 20 cm, Test VSWR by OPEN or CLOSE
	(四). Install the test circuit according to the following diagram.
	(五). 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℃
	6 .Storage temperature range -40~+85℃



RETURN LOSS

Antenna Specifications							
Product Name	GT Voice 3 Antenna						
Model	Bluetooth receiver						
	<table><tr><th></th><th>Horizontal</th><th>Vertical</th></tr><tr><td> Y - Z Plane Average Gain=-3.185 dBi </td><td>  Peak Gain = 0.95dBi Average Gain = -4.26 dBi </td><td>  Peak Gain= -4.05dBi Average Gain=-8.03 dBi </td></tr></table>		Horizontal	Vertical	Y - Z Plane Average Gain=-3.185 dBi	 Peak Gain = 0.95dBi Average Gain = -4.26 dBi	 Peak Gain= -4.05dBi Average Gain=-8.03 dBi
	Horizontal	Vertical					
Y - Z Plane Average Gain=-3.185 dBi	 Peak Gain = 0.95dBi Average Gain = -4.26 dBi	 Peak Gain= -4.05dBi Average Gain=-8.03 dBi					
Y-Z PLANE							

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

Antenna Specifications

Product Name

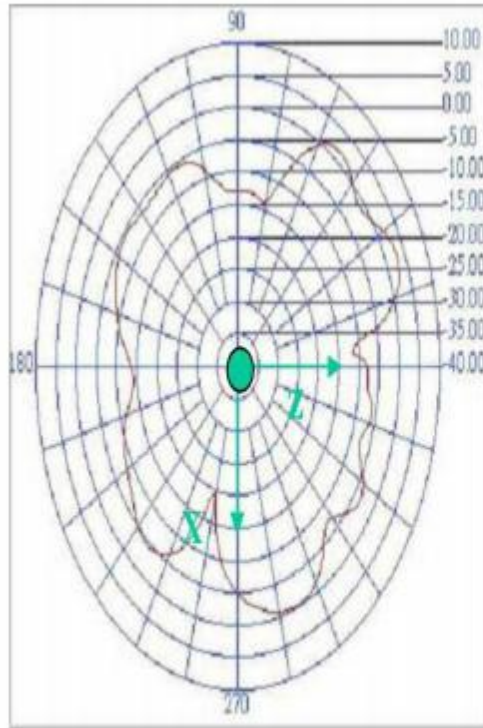
GT Voice 3 Antenna

Model

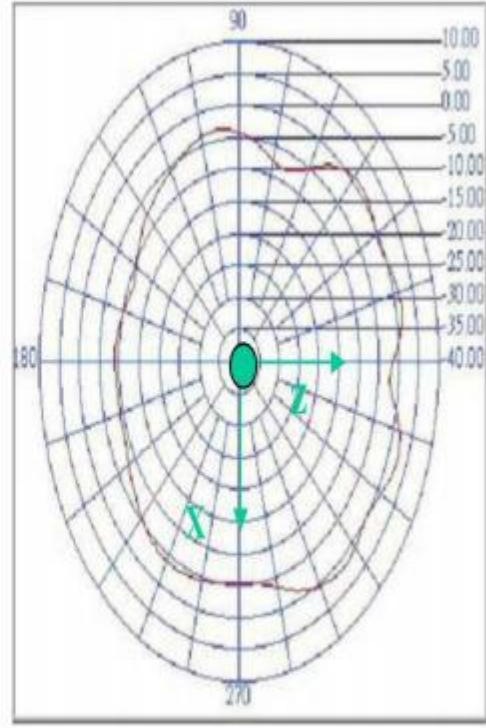
Bluetooth receiver

**X - Z
Plane**

Average
Gain=
-0.99 dBi

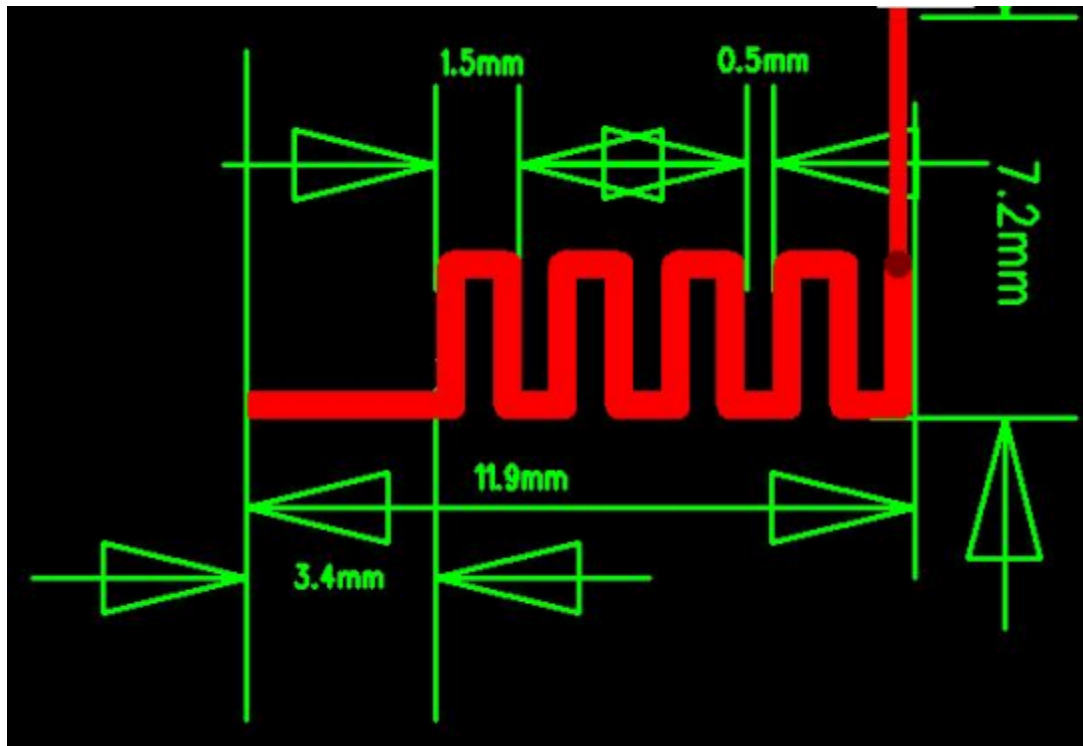


Peak Gain= 3.05 dBi
Average Gain= -4.10dBi



Peak Gain= 2.49 dBi
Average Gain= -2.47 dBi

X-Z PLANE



Actual Antenna Photo

