

PRODUCT SPECIFICATION

PRODUCT NAME: PITA

PRODUCT NUMBER: PITA

CUSTOMER NUMBER:

Write: zeng

Proofread: zeng

Approve: zhang

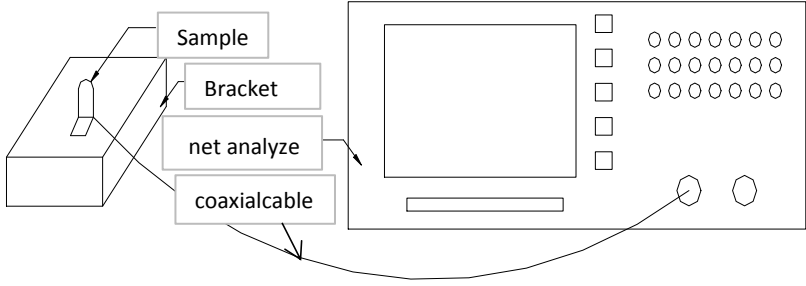
Date: 2022.08.29

SHENZHEN HXD COMMUNICATION TECH CO., LTD.

TEL:0755-61123122

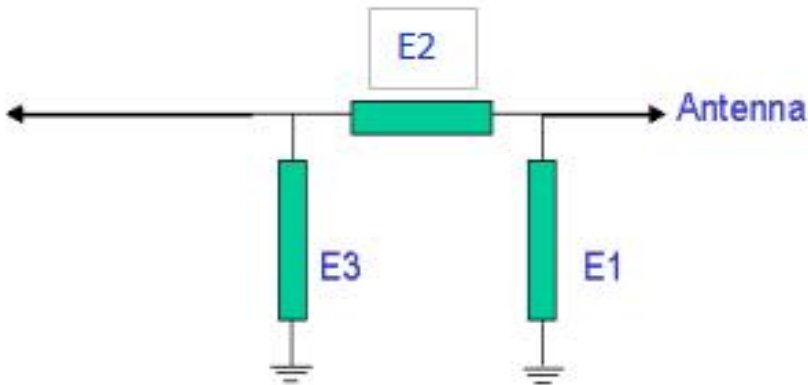
FAX:0755-61123480

Antenna Specification

Trade name		PITA
Type		bluetooth headset
电 气 性 能	1. bandwidth	2.402GHz ~2.480GHz
	2. impedance	50 Ω
	3. VSWR	When assembled with the specified prototype, it is placed naturally for determination.
		2. 402GHz ~2. 480GHz 1. 5以下
	4. GAIN	2. 402GHz ~2. 480GHz GAIN=3. 19dBi (Typical)
		test method:
		(-) The antenna under test (DUT) is assembled on the specified prototype.
		(-) Connect the test point on the test piece to the network analyzer with a 50 Ω coaxial cable, The test cables are fitted with magnetic rings to reduce the effect of induced currents
		(≡) The prototype was placed on a support with a height of 20cm to test the VSWR in OPEN or CLOSE
		(四). Install the test circuit as shown below.
		
		(五). There are no special requirements for the test environment. (there is no large metal around, and it should be carried out in normal temperature and humidity

	4.power	1W
	5.temperature	-25~+65℃
	6.temp	-40~+85℃

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BLUE TOOTH ANTENNA  Match that E1 2PF / E2 0R / E3 NC / It matches left and right Type of antenna			

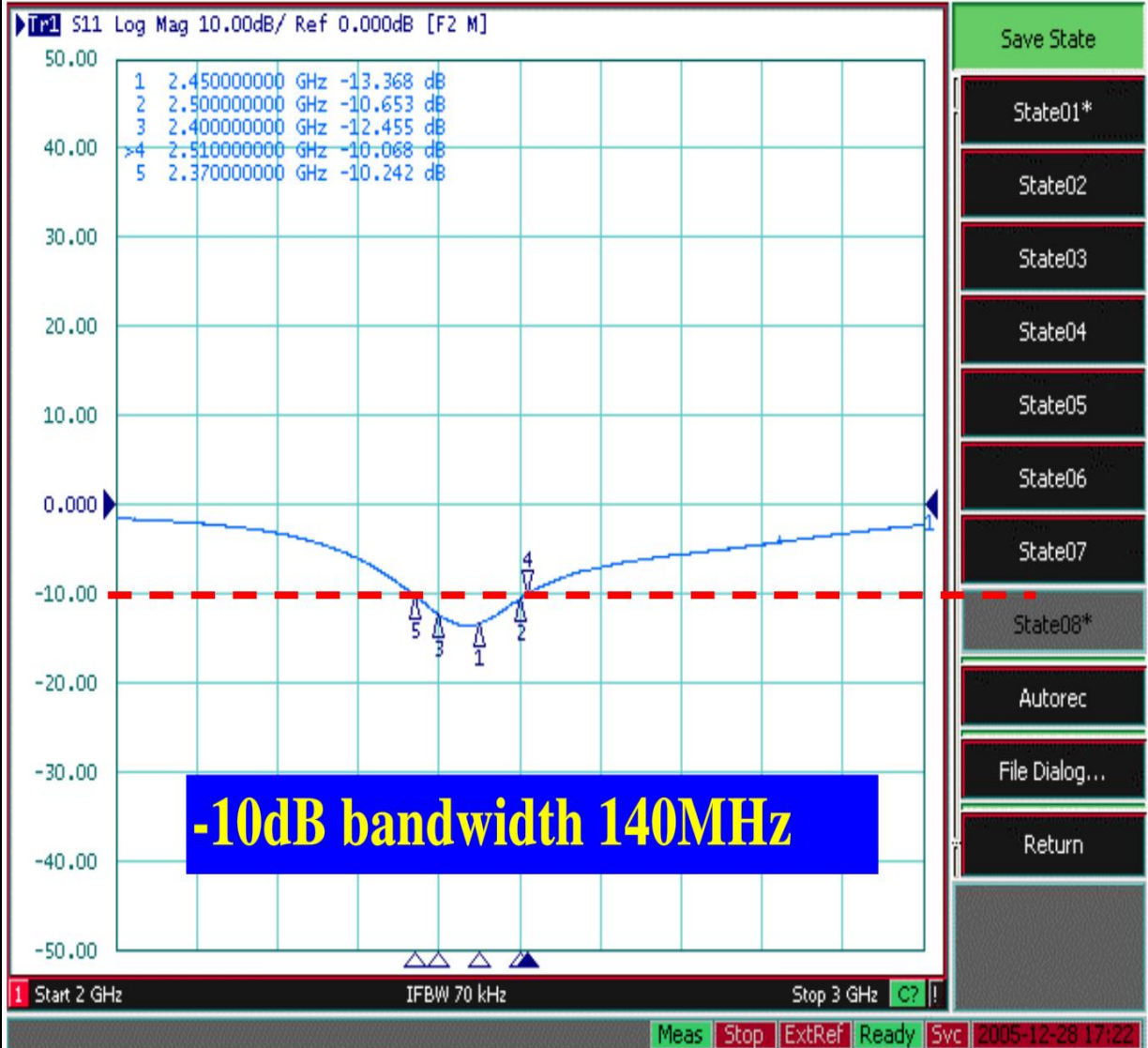
Antenna Specification

Trade name

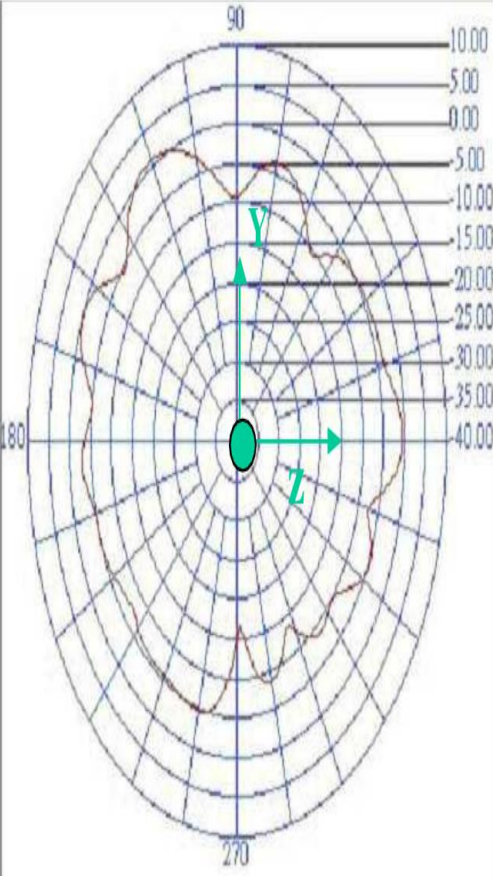
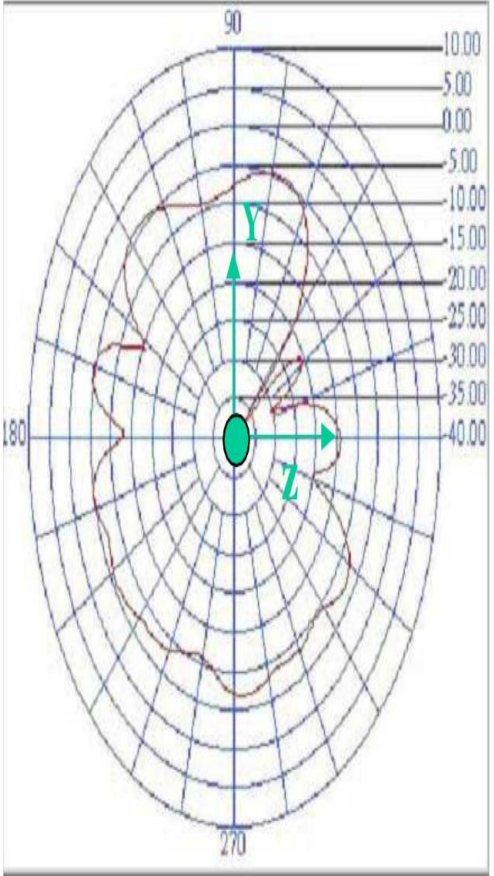
PITA

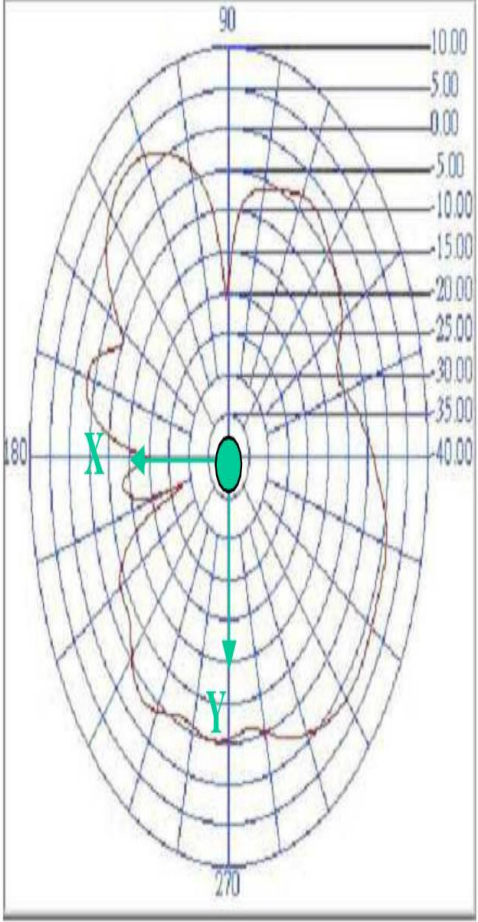
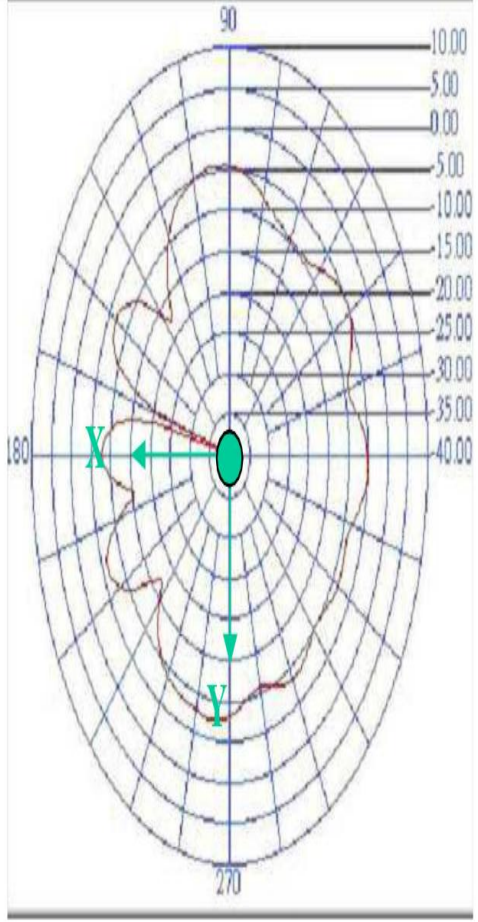
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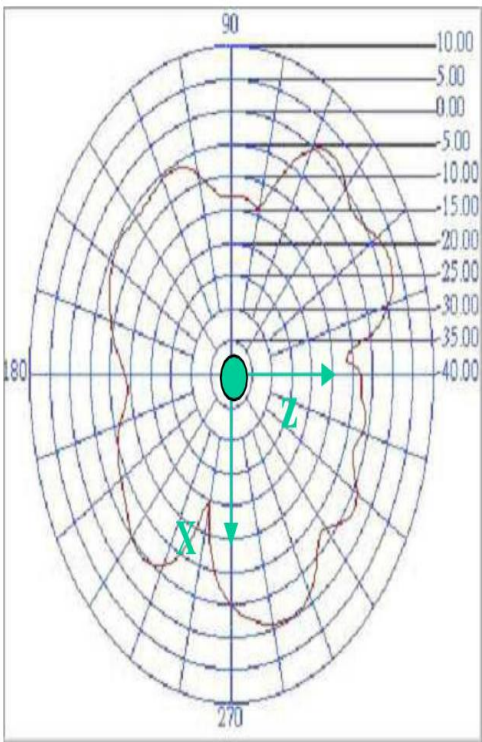
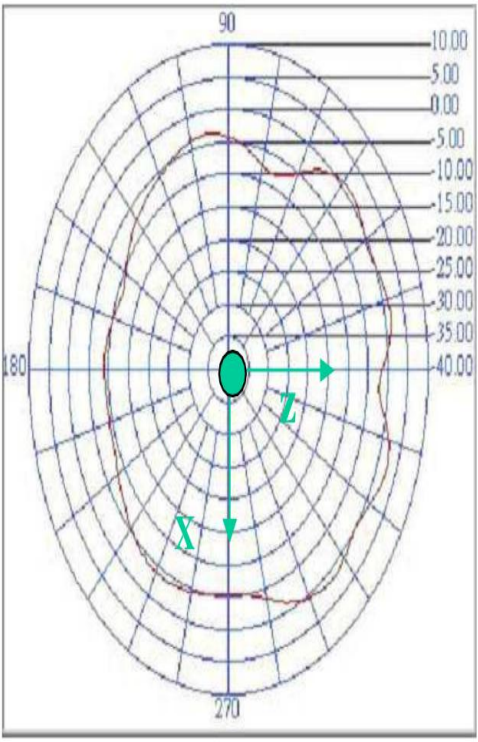
bluetooth headset



RETURN LOSS

Antenna Specification		
Trade name	PITA	
Type	bluetooth headset	
Y - Z Plane	Horizontal	Vertical
	 Peak Gain = 0.95dBi Average Gain = -4.26 dBi	 Peak Gain= -4.05dBi Average Gain=-8.03 dBi
Y-Z PLANE		

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Trade name	PITA
Type	bluetooth headset
X - Y Plane Average Gain= -1.543 dBi	
	Peak Gain= 3.19 dBi Average Gain= -2.65 dBi
X-Y PLANE	
	
	Peak Gain= -4.48 dBi Average Gain= -8.02 dBi

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Trade name	PITA
Type	bluetooth headset
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	

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1 2 3 4 5 6 7 8 