

PRODUCT SPECIFICATION

PRODUCT NAME: PITA

PRODUCT NUMBER: PITA

CUSTOMER NUMBER:

Write: zeng

Proofread: zeng

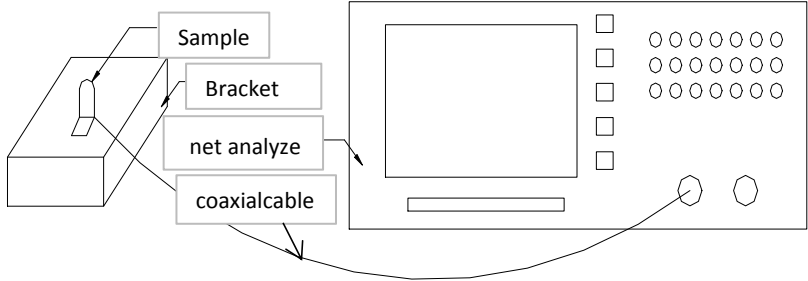
Approve: zhang

Date: 2022.08.29

SHENZHEN HXD COMMUNICATION TECH CO., LTD.

TEL:0755-61123122 FAX:0755-61123480

Antenna Specification

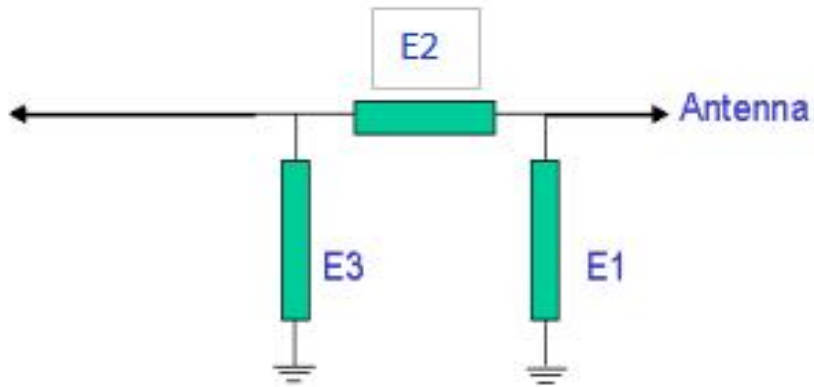
Trade name	PITA	
Type	bluetooth headset	
电 气 性 能	1. bandwidth	2.402GHz ~2.480GHz
	2. impedance	50 Ω
	3. VSWR	When assembled with the specified prototype, it is placed naturally for determination.
		2.402GHz ~2.480GHz 1.5以下
	4.GAIN	2.402GHz ~2.480GHz GAIN=3.19dBi (Typical)
		test method:
		(一) The antenna under test (DUT) is assembled on the specified prototype。
		(二) 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
		(三) 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°C
6.temp	-40~+85°C

document number(Doc. No.): SPEC-001 versions(Rev.): 1.0

Antenna Specification	
Trade name	PITA
Type	bluetooth headset

BLUE TOOTH ANTENNA



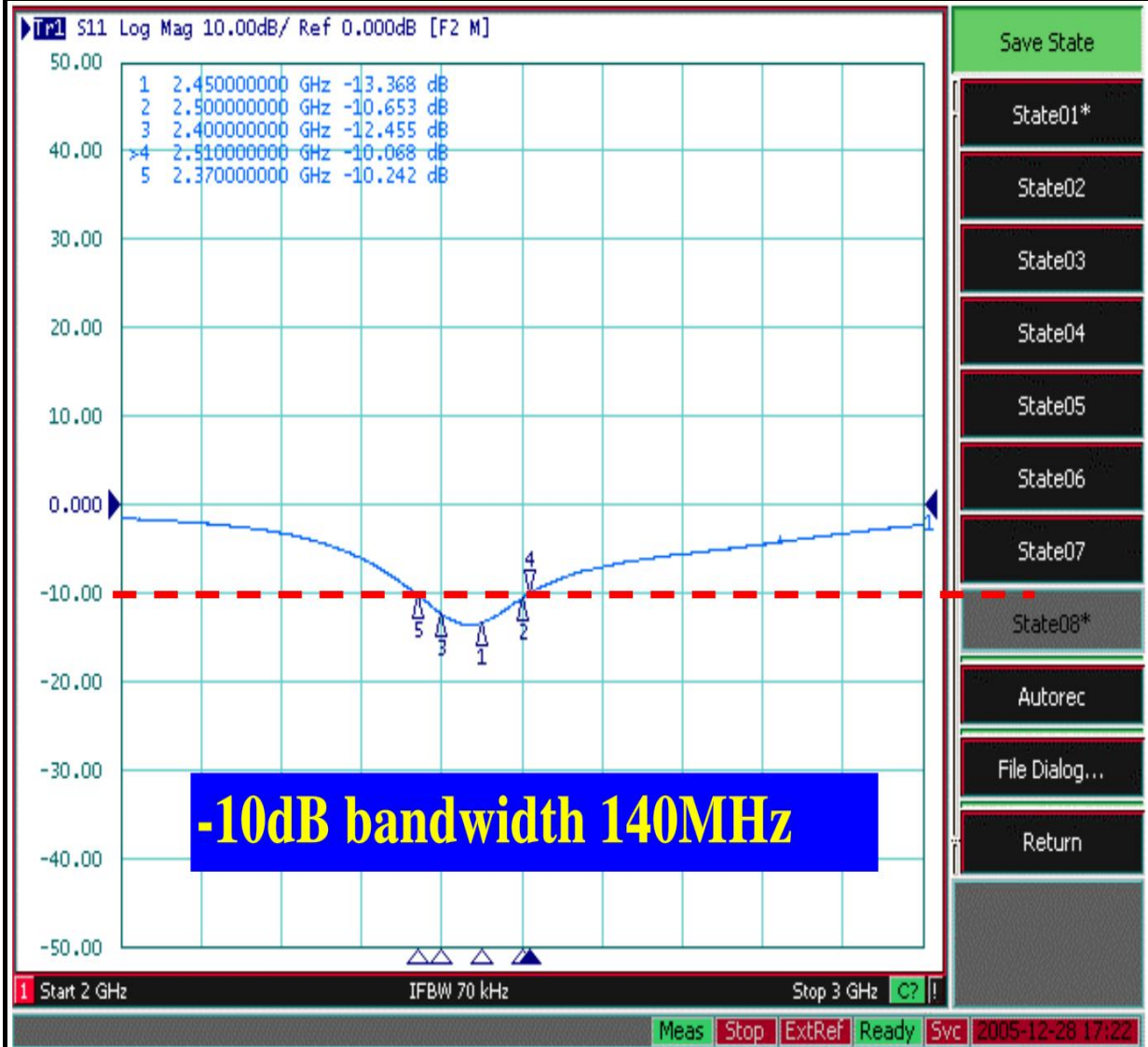
Match that	E1	2PF	/
	E2	0R	/
	E3	NC	/

It matches left and right

Type of antenna

Antenna Specification

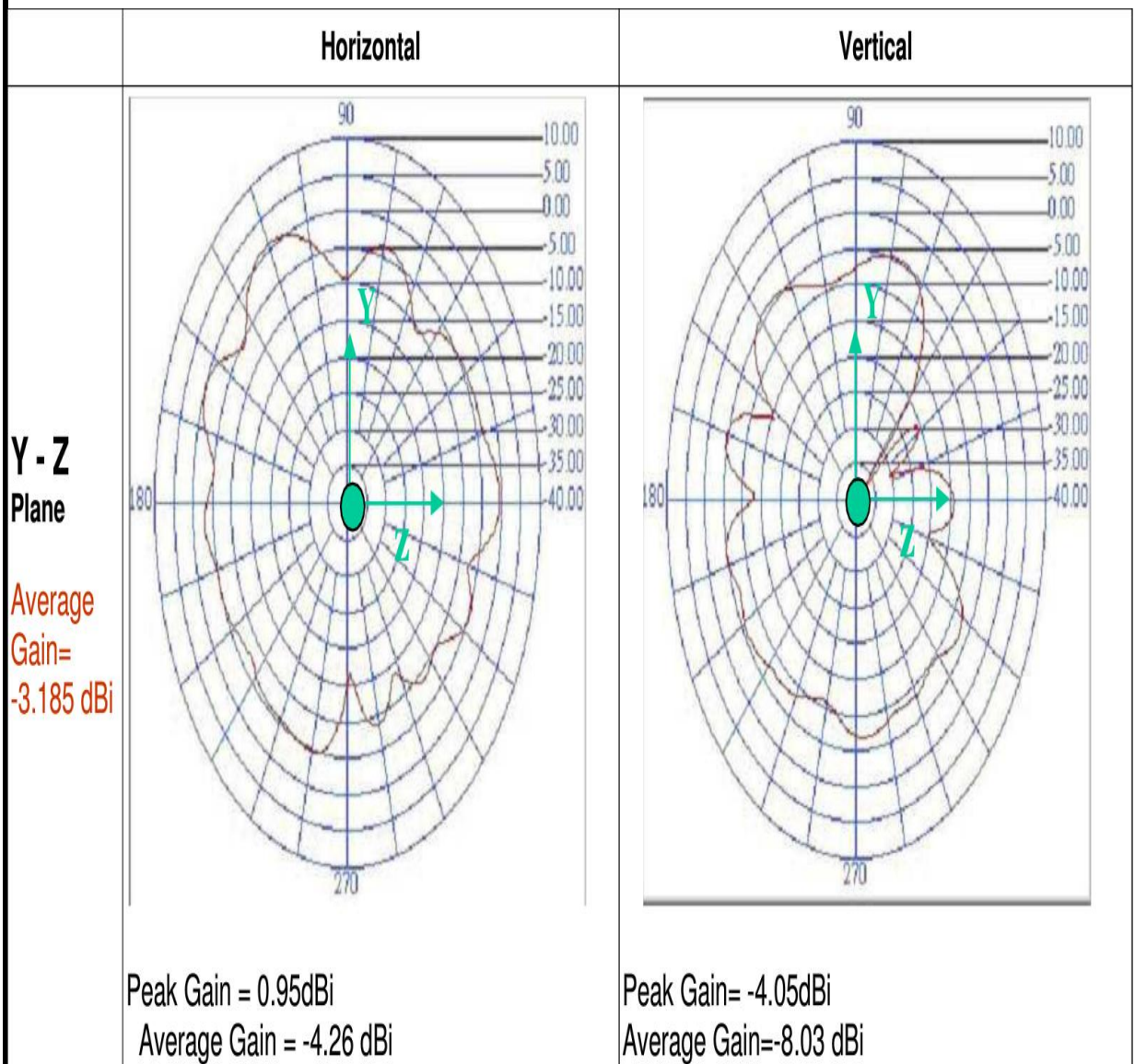
Trade name	PITA
Type	bluetooth headset



RETURN LOSS

Antenna Specification

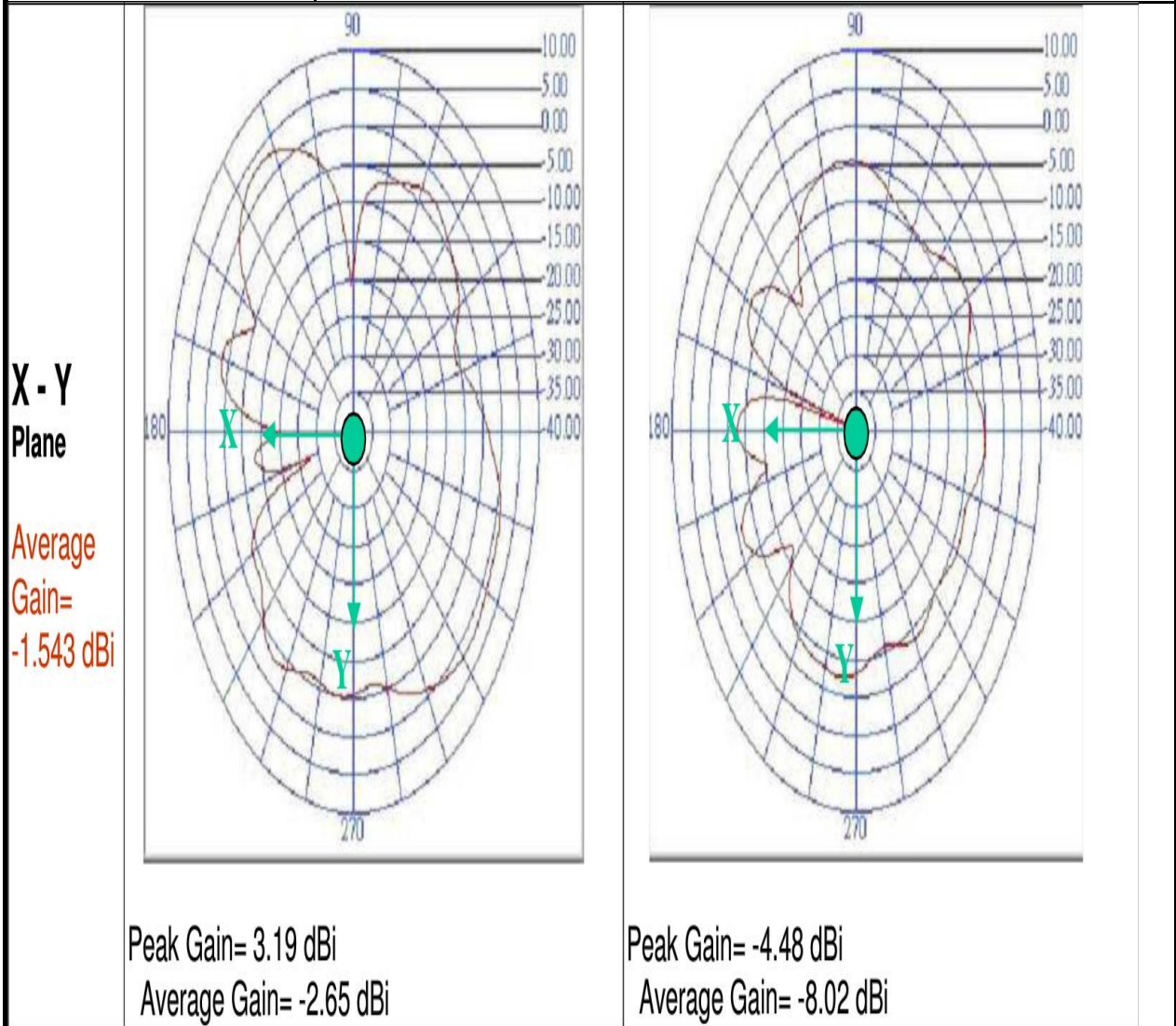
Trade name	PITA
Type	bluetooth headset



Y-Z PLANE

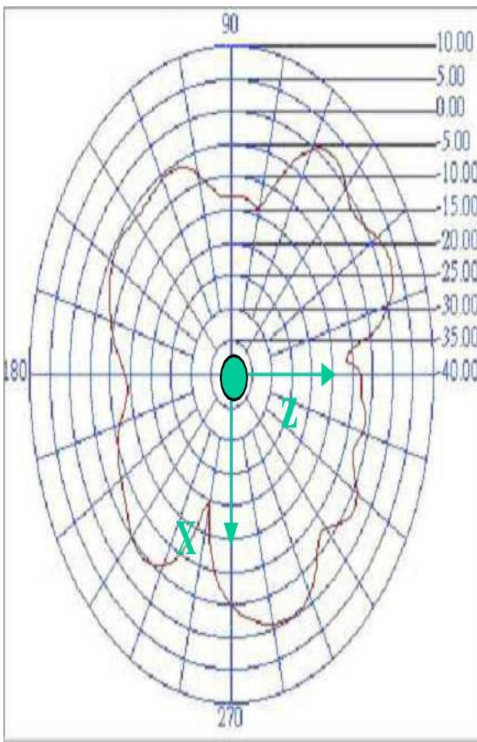
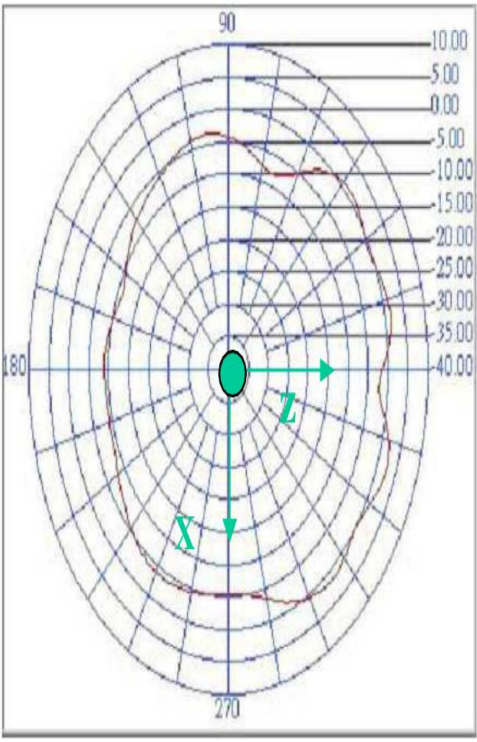
Antenna Specification

Trade name	PITA
Type	bluetooth headset



X-Y PLANE

Antenna Specification

Trade name	PITA	
Type	bluetooth headset	
<p>X - Z Plane</p> <p>Average Gain= -0.99 dBi</p>		
	<p>Peak Gain= 3.05 dBi Average Gain= -4.10dBi</p>	<p>Peak Gain= 2.49 dBi Average Gain= -2.47 dBi</p>

X-Z PLANE

document number (Doc. No.): SPEC-001 versions (Rev.): 1.0

Antenna Specification

Trade name	PITA
Type	bluetooth headset

