

Data Sheet

CUSTOMER: _____

MODEL NAME: _____

CUSTOMER P/N: _____

ICT P/N: _____ Antenna brand name: Luxshare / Model Name: Headset_PCB

APPROVED	
MANUFACTURER	CUSTOMER
Manufacturer: Luxshare Precision Industry Co., Ltd. Manufacturer address: Floor 2,Block A,Sanyo New Industrial Area, West Haoyi Community,Shajing Subdistrict Office, Bao an District Shenzhen, P. R. China	
PREPARED BY:	APPROVED BY:
CHECK BY:	
APPROVED BY:	

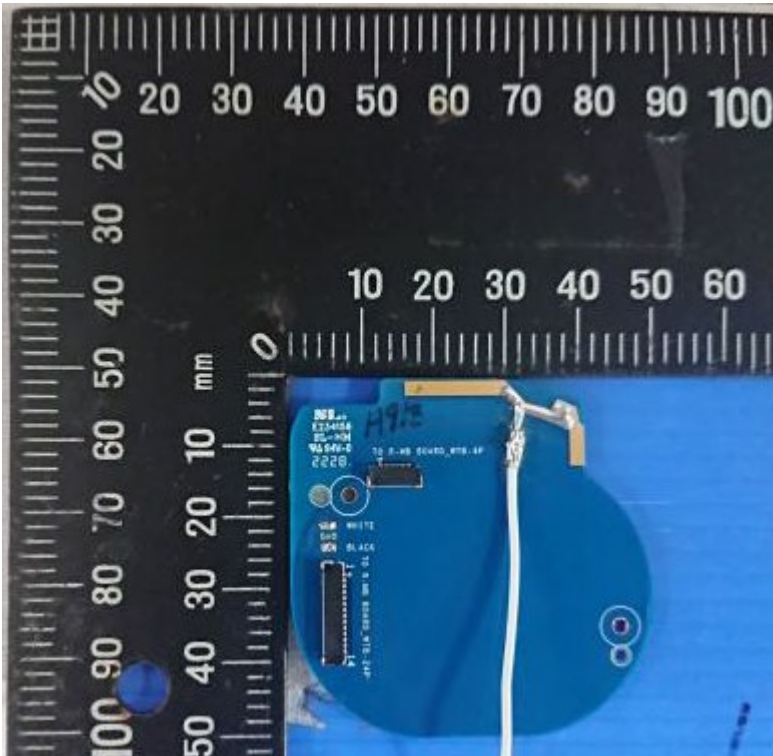
Description

Specifications

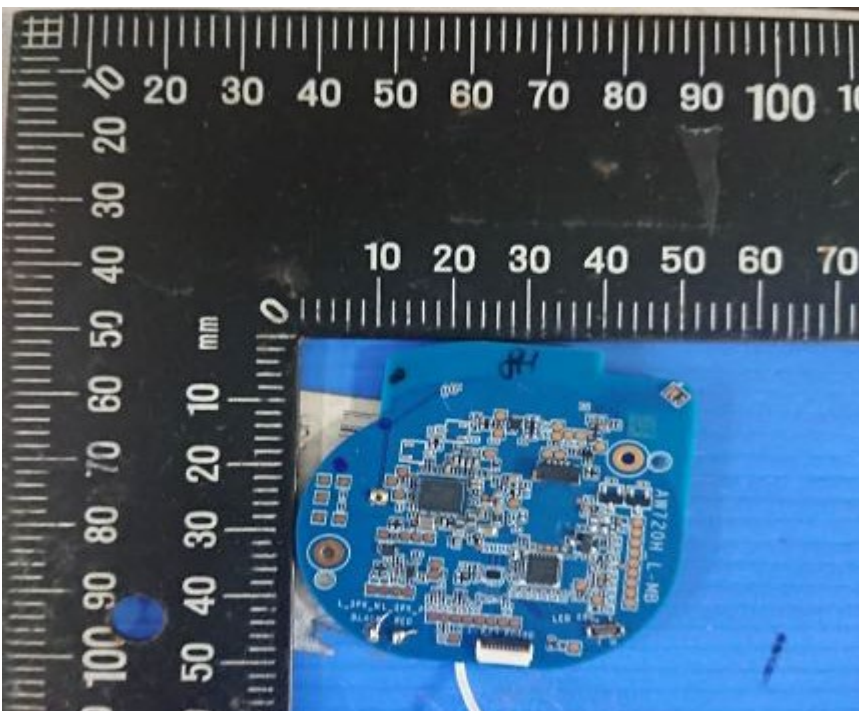
Antennas Type	PIFA Antenna for Bluetooth application	
Impedance	50Ω	
Polarization	Linear	
Radiation pattern	Omni-directional	
VSWR	2.40~2.50 GHz	3.00 Max
Peak gain Headphone w head	2.40~2.50 GHz	-1.8 dBi

Description

Antenna Picture1



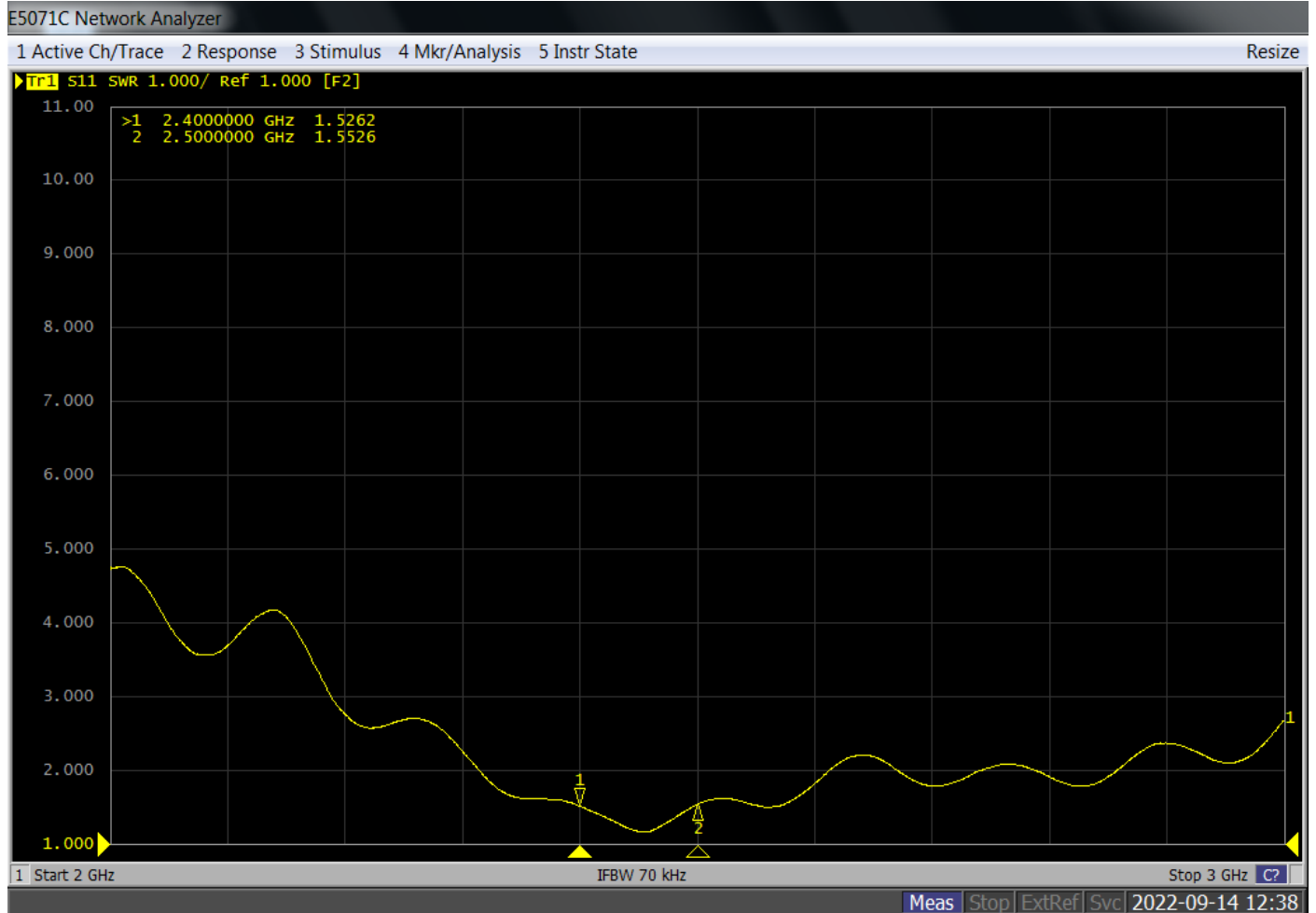
Antenna Picture2



Performance Data

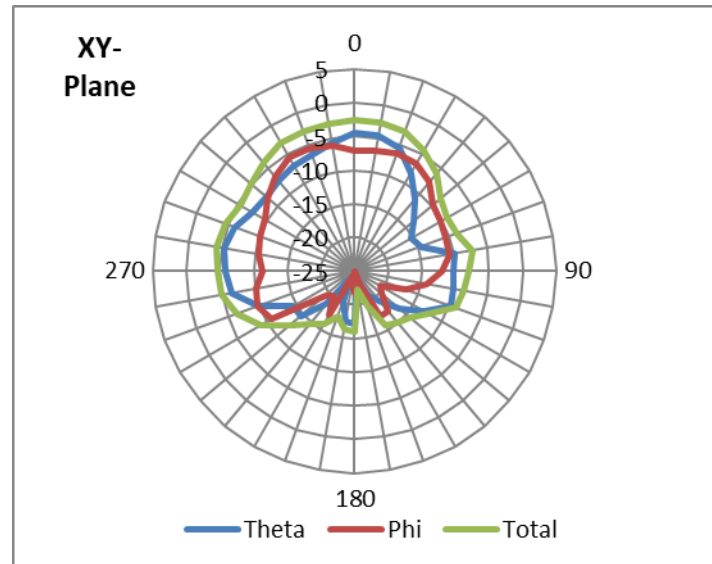
VSWR

Headphone w head



Radiation pattern (w head)

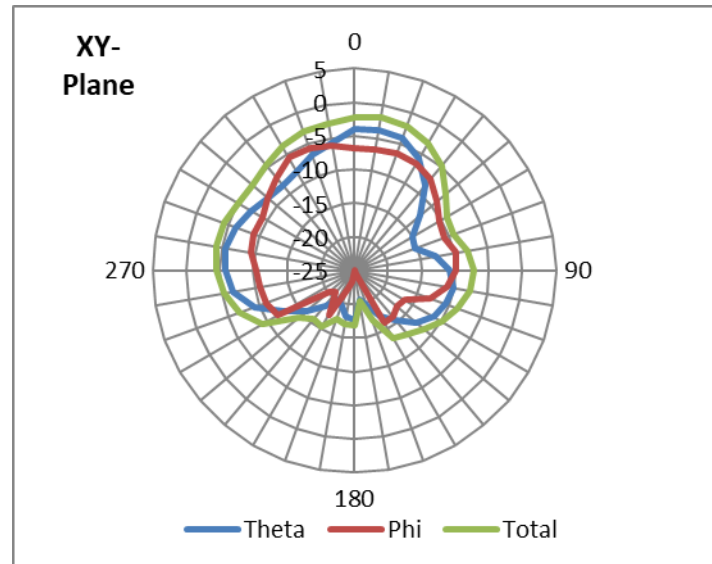
Antenna: 2400MHz



Frequency(MHz)	2400
Horizontal peak gain (dBi)	-4.3
Vertical peak gain (dBi)	-5.5

Radiation pattern (w head)

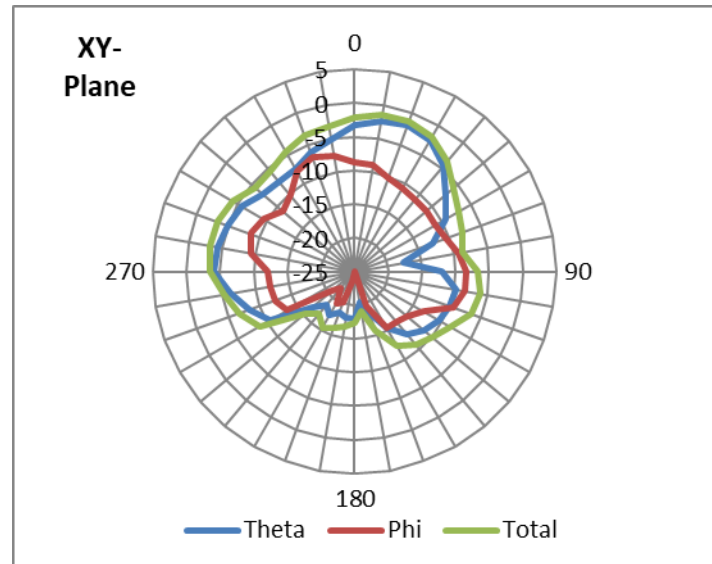
Antenna: 2450MHz



Frequency(MHz)	2450
Horizontal peak gain (dBi)	-3.8
Vertical peak gain (dBi)	-5.6

Radiation pattern (w head)

Antenna: 2500MHz



Frequency(MHz)	2500
Horizontal peak gain (dBi)	-1.8
Vertical peak gain (dBi)	-6.9

Gain Table (dBi)(w head)

	Peak Gain		3D Gain
Frequency (MHZ)	Horizontal (dBi)	Vertical (dBi)	Efficiency [%]
2400	-4.3	-5.5	27.86
2450	-3.8	-5.6	27.08
2500	-1.8	-6.9	31.27