

# Data Sheet

CUSTOMER: \_\_\_\_\_

MODEL NAME: \_\_\_\_\_

CUSTOMER P/N: \_\_\_\_\_

ICT P/N: \_\_\_\_\_ Antenna brand name: Luxshare / Model Name: Headset\_PCB

<b>APPROVED</b>	
MANUFACTURER	CUSTOMER
<p>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</p>	
<b>PREPARED BY:</b>	<b>APPROVED BY:</b>
<b>CHECK BY:</b>	
<b>APPROVED BY:</b>	

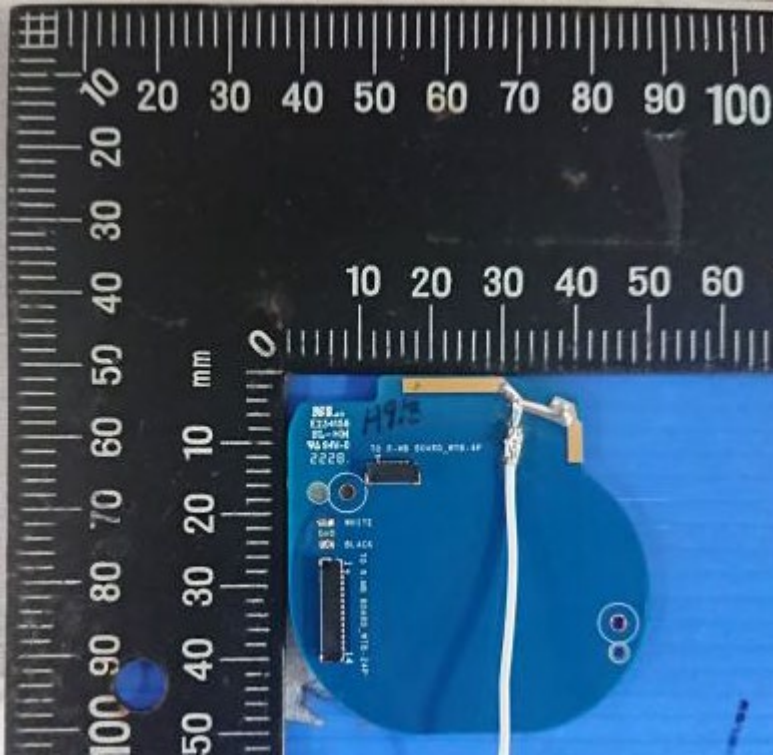
# Description

## Specifications

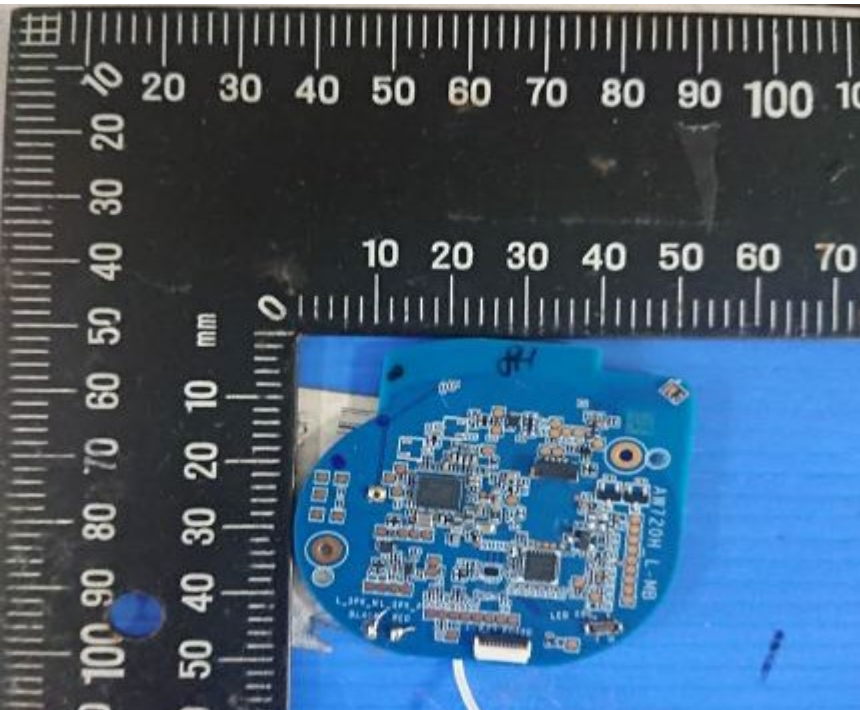
Antennas Type	PIFA Antenna for Bluetooth application	
Impedance	50Ω	
Polarization	Linear	
Radiation pattern	Omni-directional	
VSWR	2.40~2.50 GHz	3.00 Max
Peak gain Headphone w head	2.40~2.50 GHz	-1.8 dBi

## Description

### Antenna Picture1



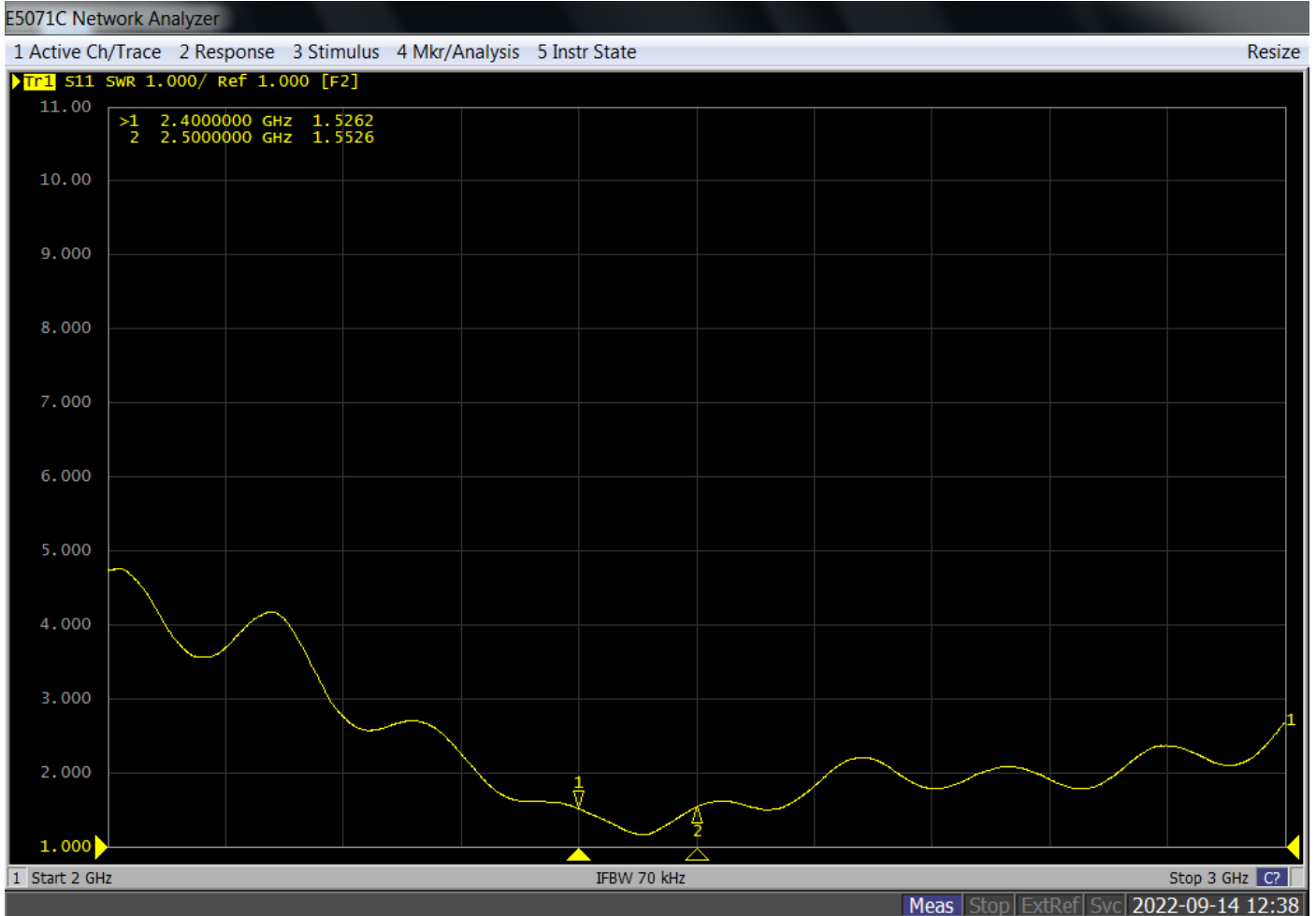
### Antenna Picture2



# Performance Data

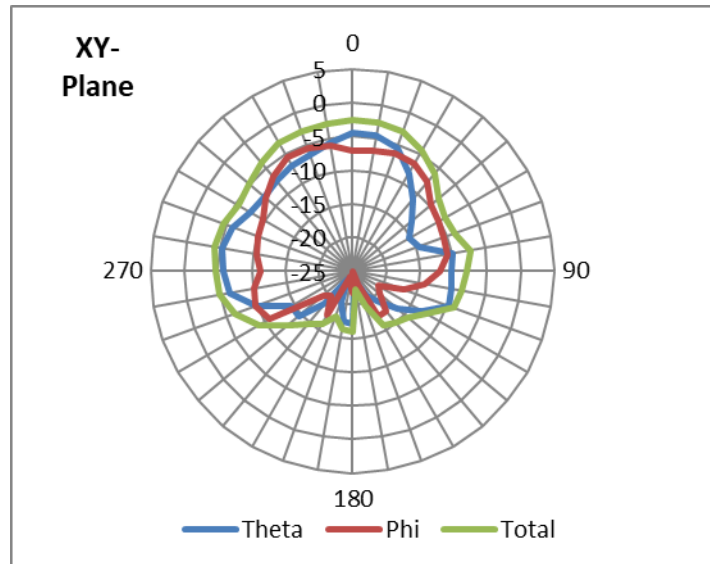
## VSWR

Headphone w head



## Radiation pattern (w head)

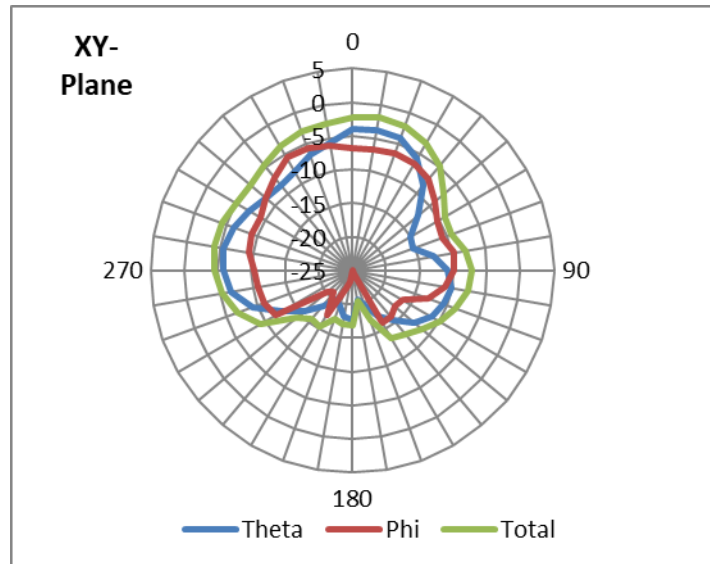
Antenna: 2400MHz



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

## Radiation pattern (w head)

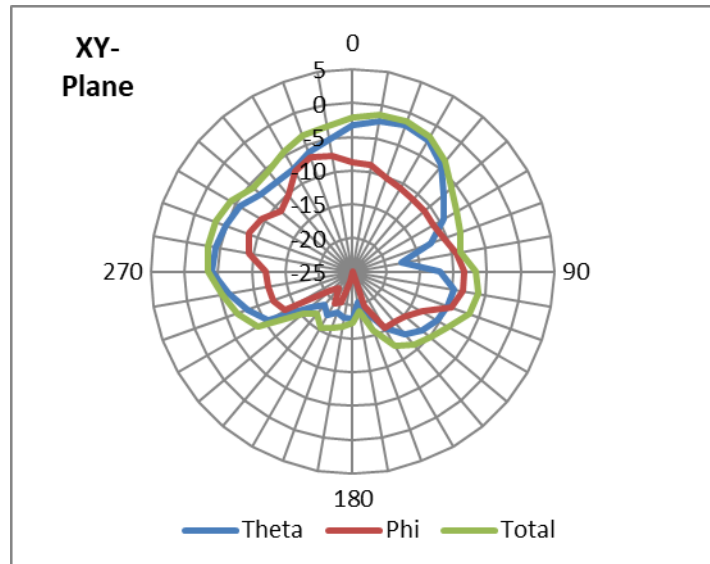
Antenna: 2450MHz



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)

Frequency (MHZ)	Peak Gain		3D Gain
	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