

Data Sheet

CUSTOMER: Lenovo

Model Name : SA37A47025

VENDER : Luxshare – ICT

ADDRESS : 7F No. 568, Sec. 1, Minsheng N. Rd.,

Guishan Dist., Taoyuan City 333 , Taiwan (R.O.C.)

APPROVED	
MANUFACTURER	CUSTOMER
PREPARED BY:	APPROVED BY:
CHECK BY:	
APPROVED BY:	

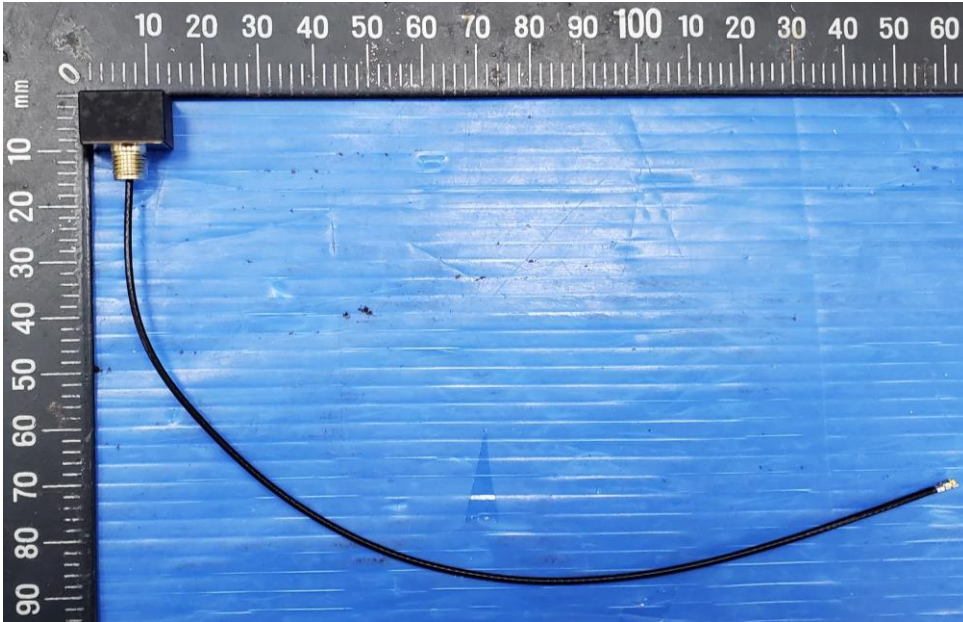
Description

Antennas Type	PIFA Antenna	
Connector Type	Coaxial Cable	
Cable Type	OD 1.37	
Impedance	50Ω	
Polarization	Linear	
Radiation pattern	Omni-directional	
Frequency Range	Bluetooth 2.4GHz	2.40~2.50 GHz
VSWR	Bluetooth 2.4GHz	3.00 Max
Peak gain with Cable	Bluetooth 2.4GHz	-1.1 dBi
Cable length/Color	180 mm	Black



Description

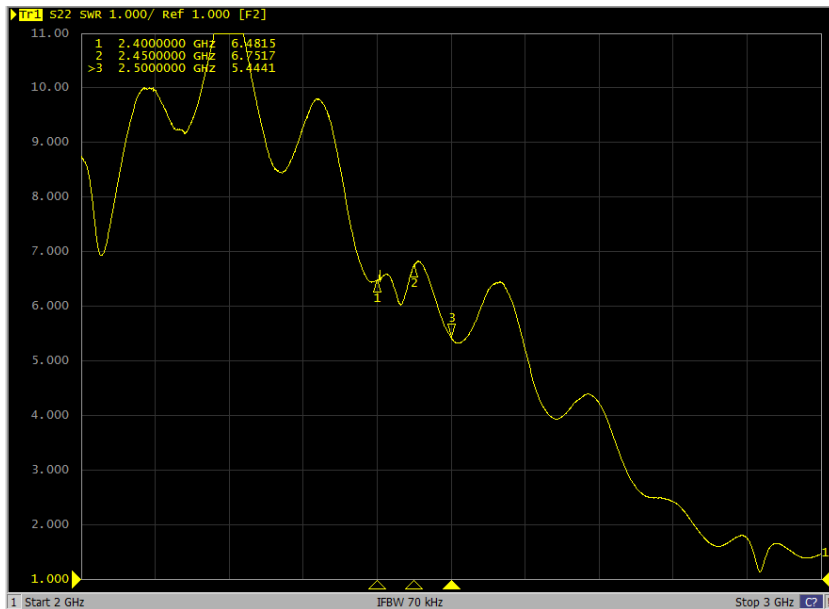
Bluetooth Antenna Picture



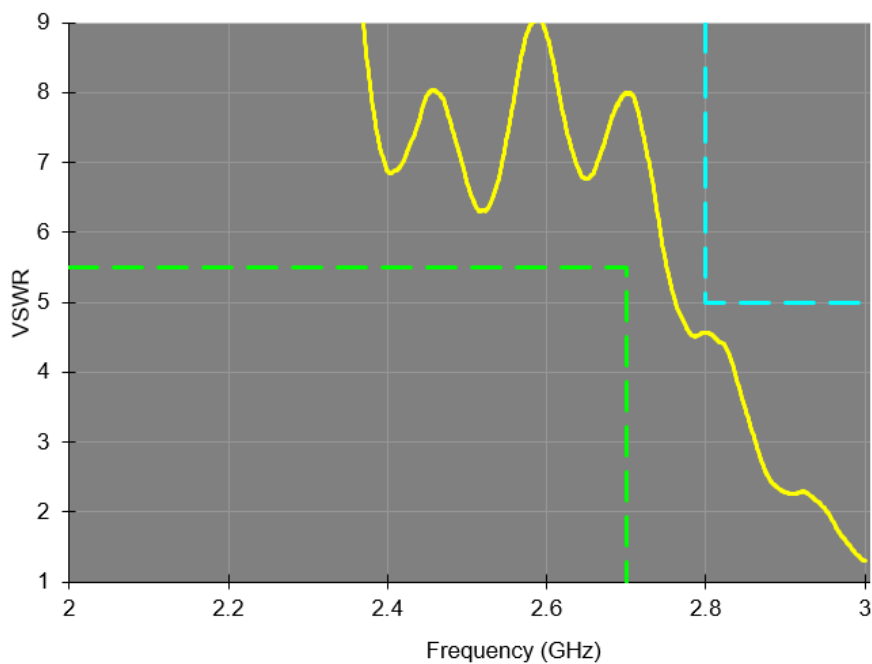
Performance Data

1. VSWR

Bluetooth



2. SPEC

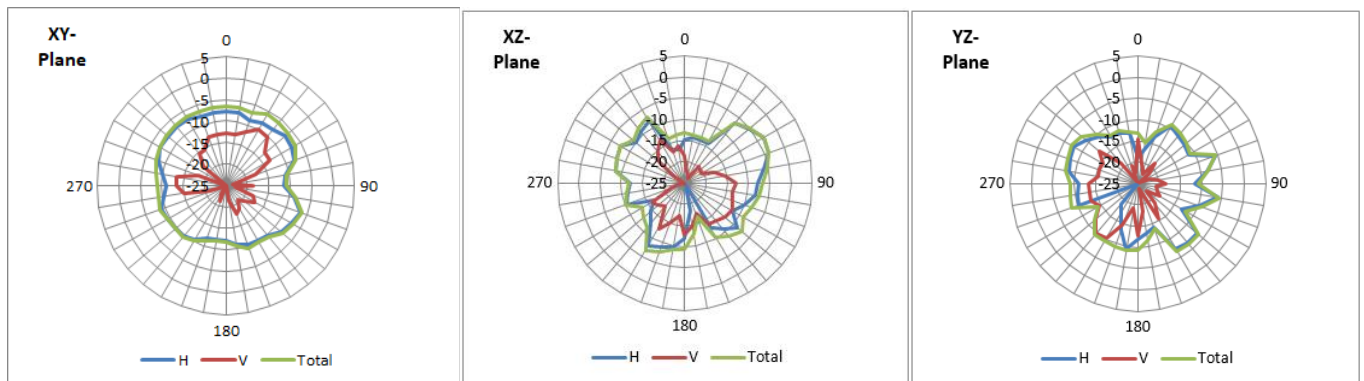


Spec:
2 ~ 2.7 GHz > 5.5
2.8 ~ 3 GHz < 5.0

Bluetooth Antenna

Radiation pattern open mode

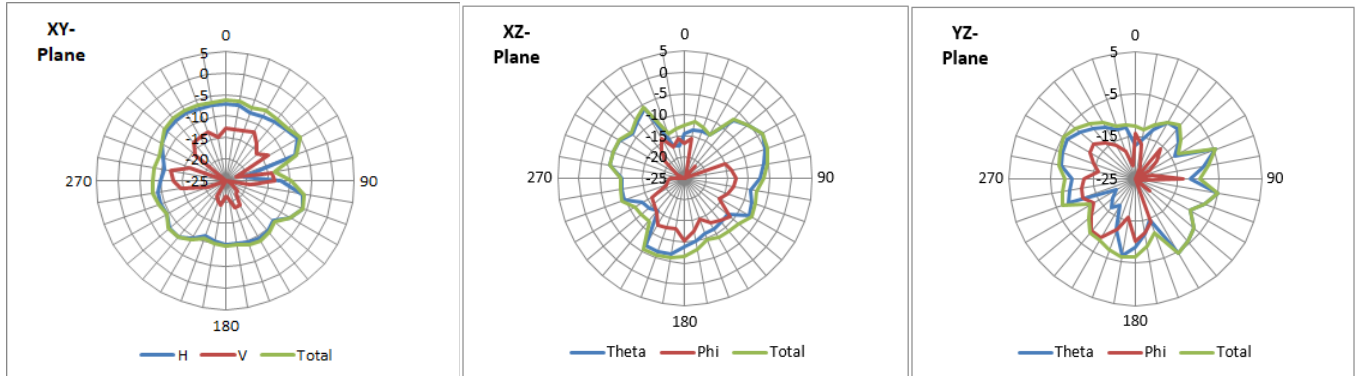
Antenna: 2400MHz



Center Frequency	2400 MHz
Horizontal (dBi) Peak	-3.6
Vertical (dBi) Peak	-12.2

Radiation pattern open mode

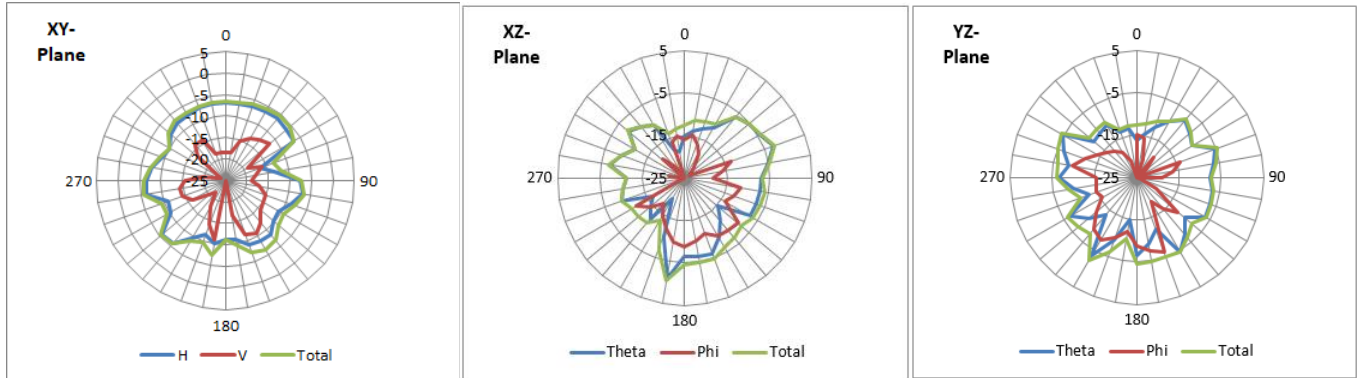
Antenna: 2450MHz



Center Frequency	2450 MHz
Horizontal (dBi) Peak	-3.8
Vertical (dBi) Peak	-10.2

Radiation pattern open mode

Antenna: 2500MHz



Center Frequency	2500 MHz
Horizontal (dBi) Peak	-1.1
Vertical (dBi) Peak	-8.4

Bluetooth Antenna

Antenna Gain Data								
Frequency (MHz)	X-Y		X-Z		Y-Z		Average (dB)	Efficiency (%)
	H-pol (dBi)	V-pol (dBi)	H-pol (dBi)	V-pol (dBi)	H-pol (dBi)	V-pol (dBi)		
2400	-6.6	-10.0	-3.6	-12.2	-5.8	-9.8	-7.7	17
2450	-5.7	-11.9	-3.8	-10.2	-4.6	-8.8	-7.4	18
2500	-5.6	-10.7	-1.1	-8.4	-3.7	-6.2	-6.4	23

Assembly Drawing

Bluetooth Antenna

