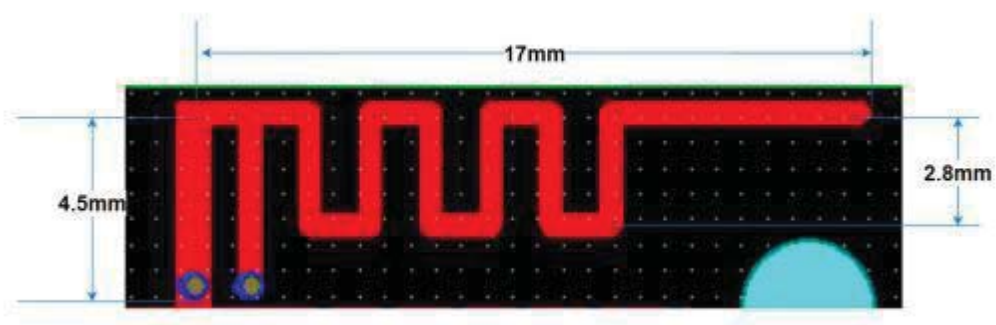


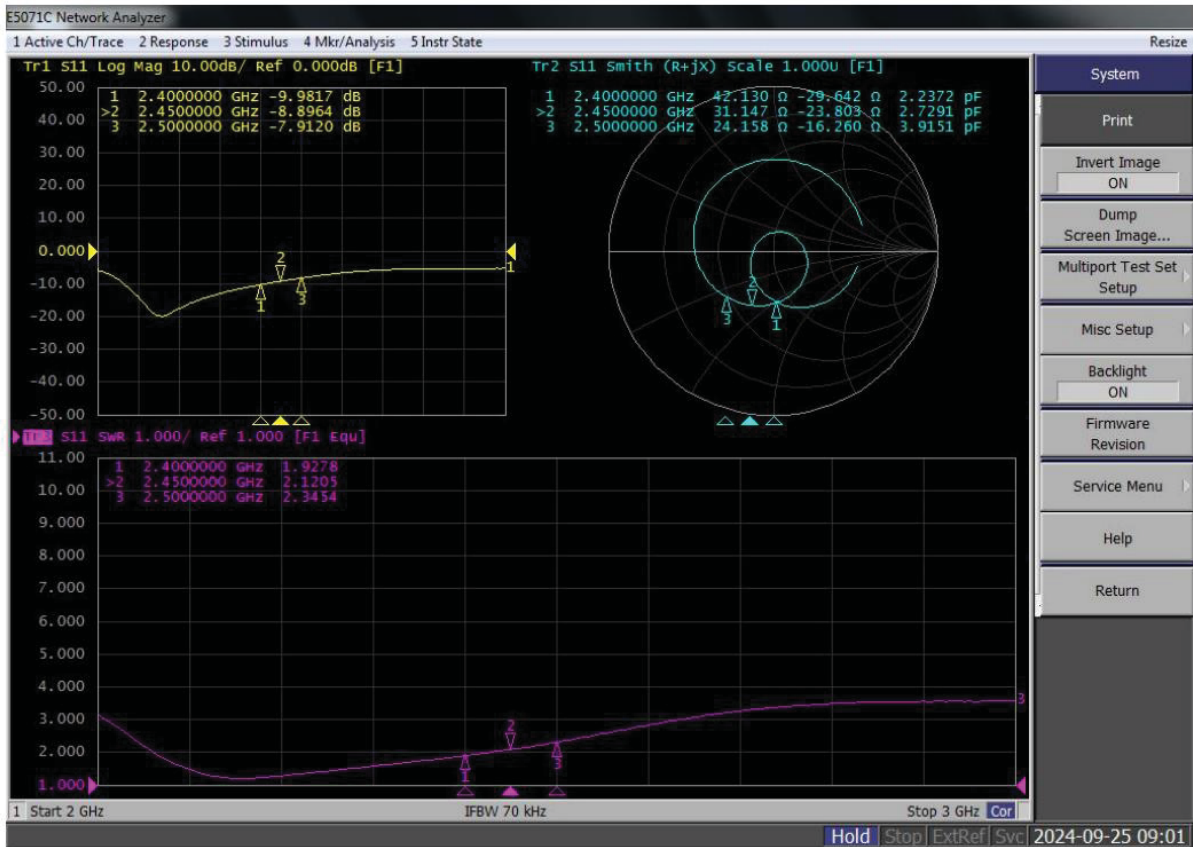
## Description of EUT

Product Name	Bluetooth player
Sample Modle	AMY-VBT002-RevE
Antenna Size	4.5x17mm
Antenna Type	PCB Antenna
Frequency Range	2400-2500MHz
Max peak Gain(dBi)	-8.59(2400MHz)
Min peak Gain(dBi)	-9.23(2480MHz)
Max Efficiency	6.16(2400MHz)
Min Efficiency	5.32(2500MHz)
Maximum Power (dBm)	1.3 (XY-plane)
Minimum Power (dBm)	-4 (XY-plane)
Max/Min Ratio (dB)	5.5(XY-plane)
Max/Avg Ratio (dB)	1.8(XY-plane)
Min/Avg Ratio (dB)	-3.5(XY-plane)
Manufacturer	Fuan Ming yuan zhi Rui technology co., ltd
Address	Floor 5, No.666 Wangjiling Industrial Zone, Chengbei Street, Fu 'an City, Ningde City, Fujian Province



## VSWR data

Frequency/MHz	2400	2450	2500
VSWR	1.9278	2.1205	2.3454



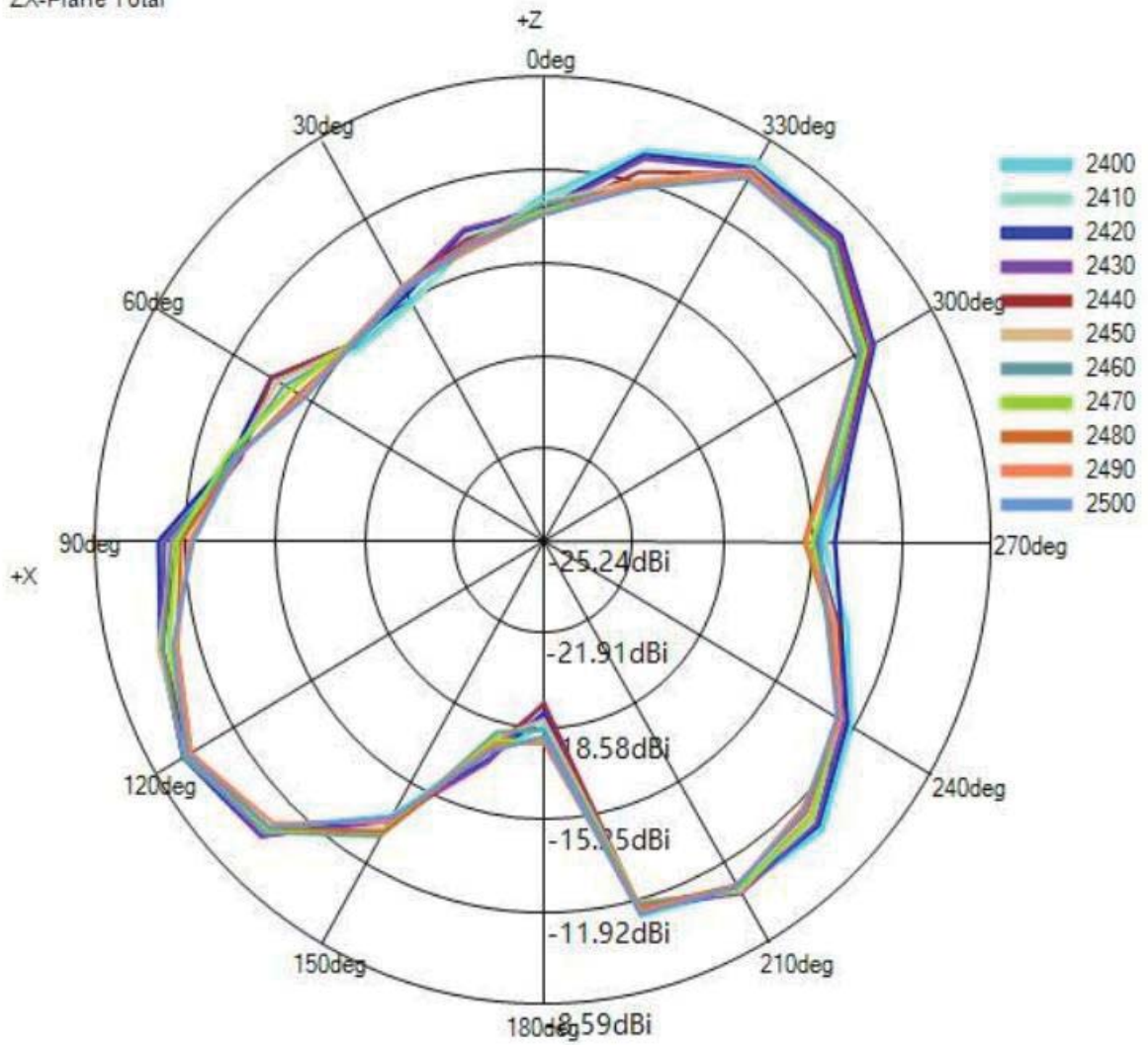
## Typical free space efficiency and gain

Frequency/MHz	2400	2410	2420	2430	2440	2450	2460	2470	2480	2490	2500
Peak Gain/dBi	-8.59	-8.66	-8.76	-8.87	-8.93	-8.99	-8.90	-9.15	-9.23	-9.14	-9.14
Efficiency/%	6.16	6.07	6.05	5.89	5.74	5.75	5.69	5.62	5.40	5.34	5.32

## Typical free space radiation pattern

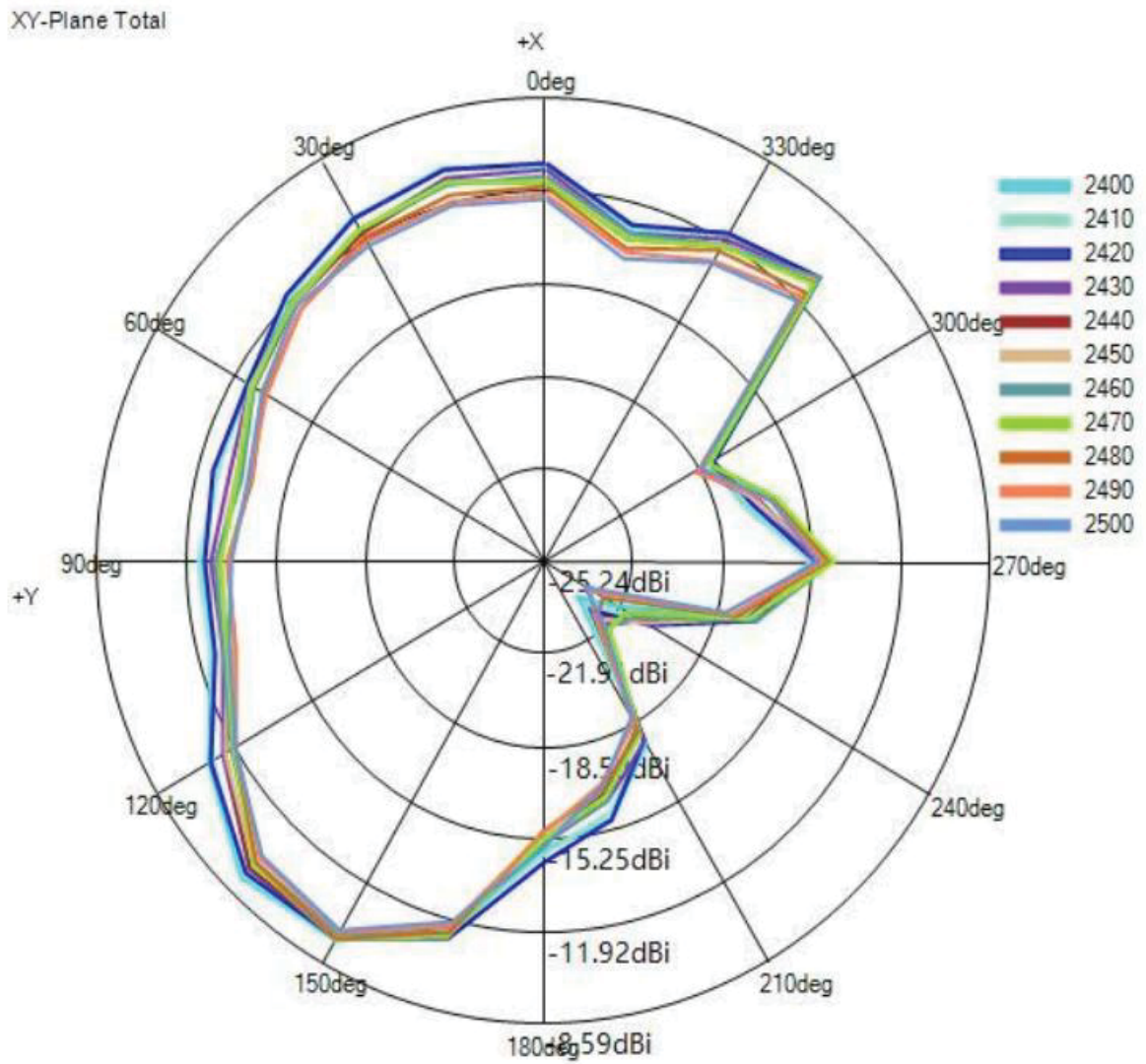
# (1) X-Z Plane(unit:dBi):

ZX-Plane Total

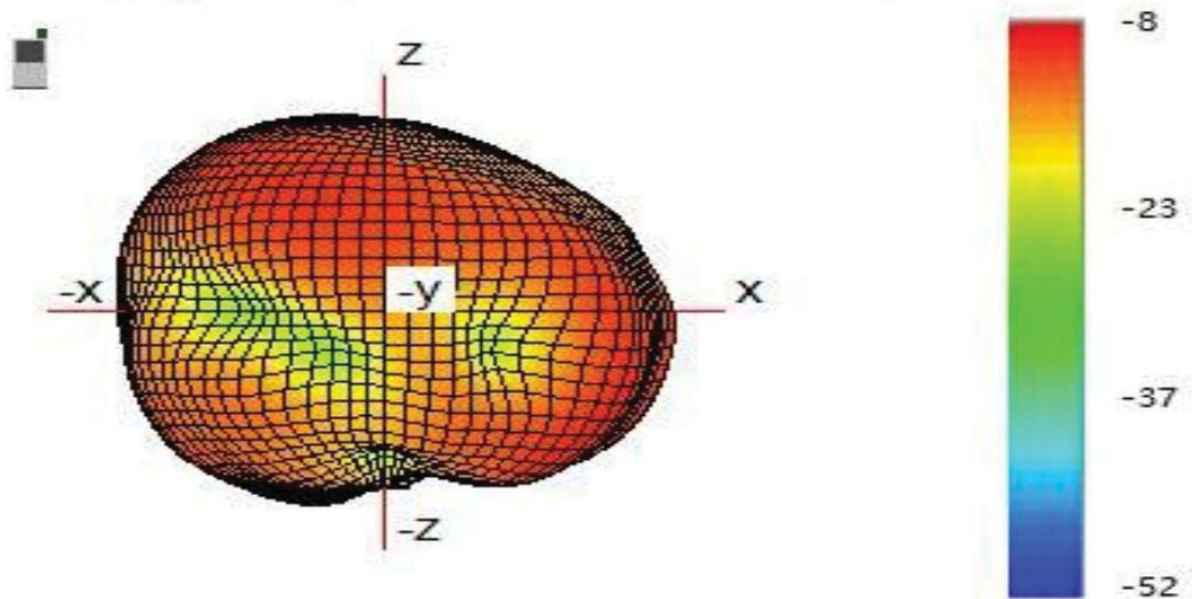




### (3) X-Y Plane(unit:dBi):



### (4) Typical Free Space 3D Radiation Pattern at 2400MHz(unit:dBi):



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**End**

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