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# Antenna Test Report

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**Equipment: BLE 智能音箱**

**Model Name: HXP-Z10C-B-XC\_X**

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# 1、Antenna Spec

## 1.1 BLE Antenna

Parameter	Value
Frequency Range	2.4 ~ 2.5 GHz
Antenna Peak Gain	2.39 dBi
Antenna Type	PCB Slot Antenna

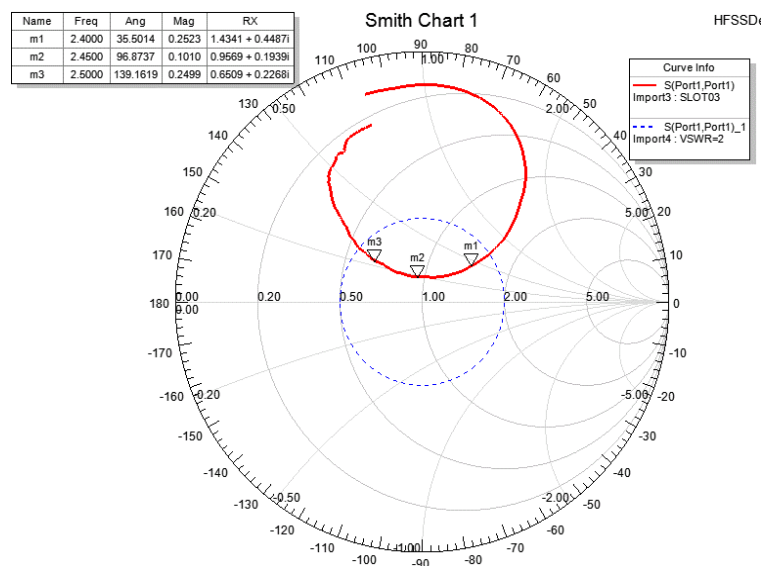
# 2、Test Result

## 2.1 BLE Antenna Passive Test

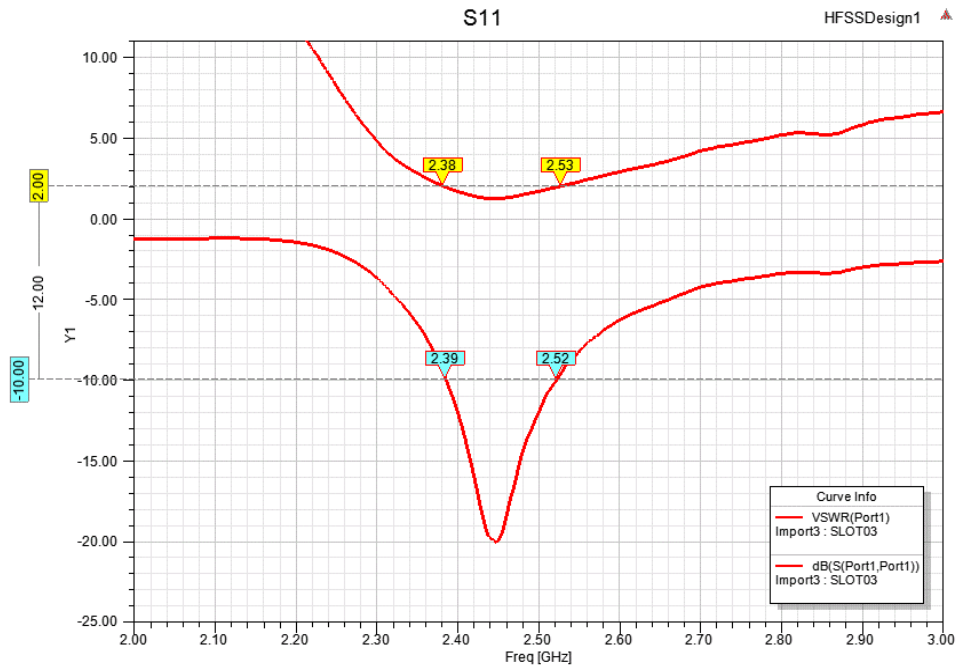
### 2.1.1 Gain

Frequency (MHz)	Gain (dBi)
2400	2.20
2410	2.34
2420	2.39
2430	2.34
2440	2.38
2450	2.38
2460	2.35
2470	2.18
2480	2.06
2490	2.07
2500	2.16

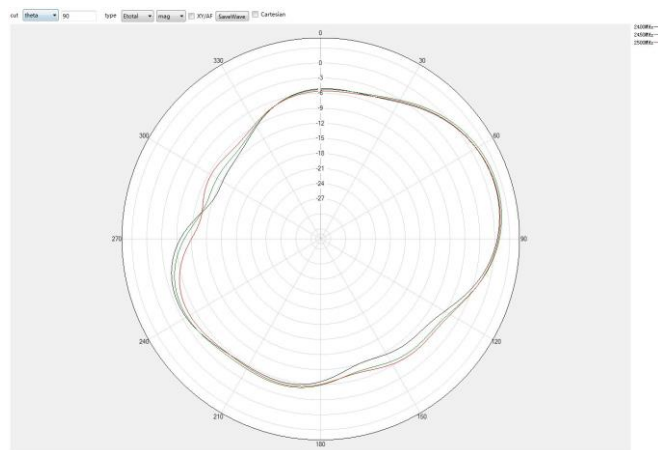
### 2.1.2 Smith Chart



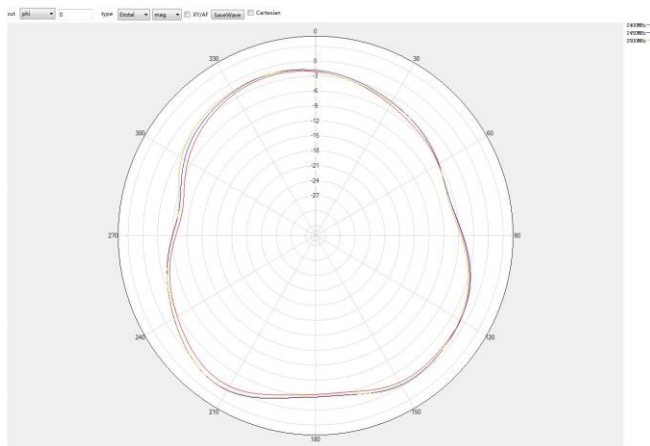
### 2.1.3 S11 and VSWR



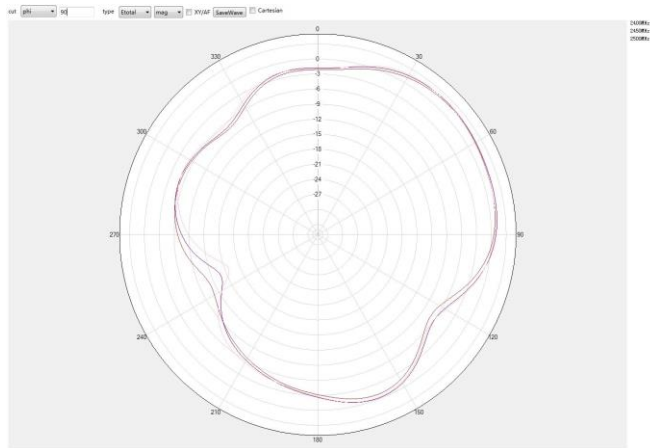
### 2.1.4 2D Radiation Pattern



$\theta = 90^\circ$



$\phi = 0^\circ$



$\phi = 90^\circ$

### 2.1.5 3D Radiation Pattern

