

JV24 PCB Antenna test report

Company Name: Soundmax Electronics LTD

Company Address : 17/F EU YANG SANG TOWER, 11-15
CHATHAM ROAD, T.S.T, KOWLOON, HONG KONG

Produce Name: JV24 Retro Car Audio System

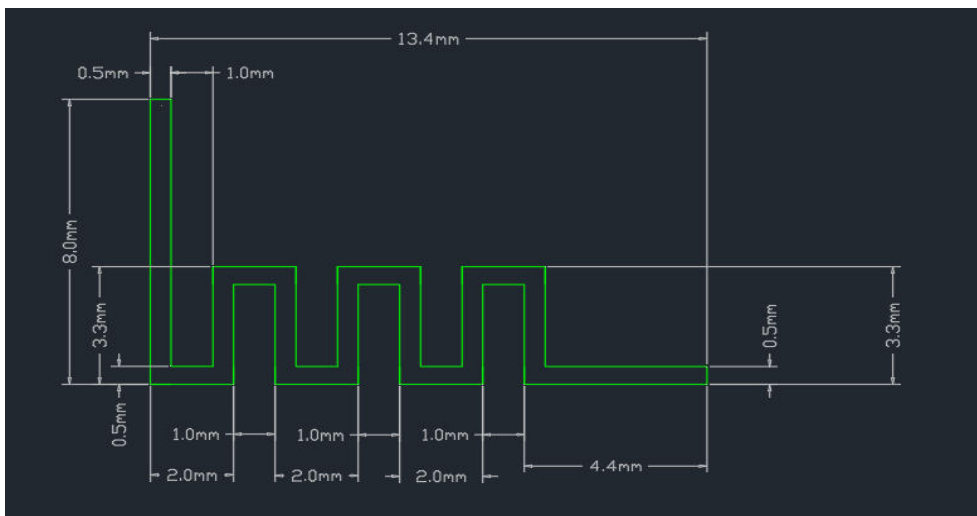
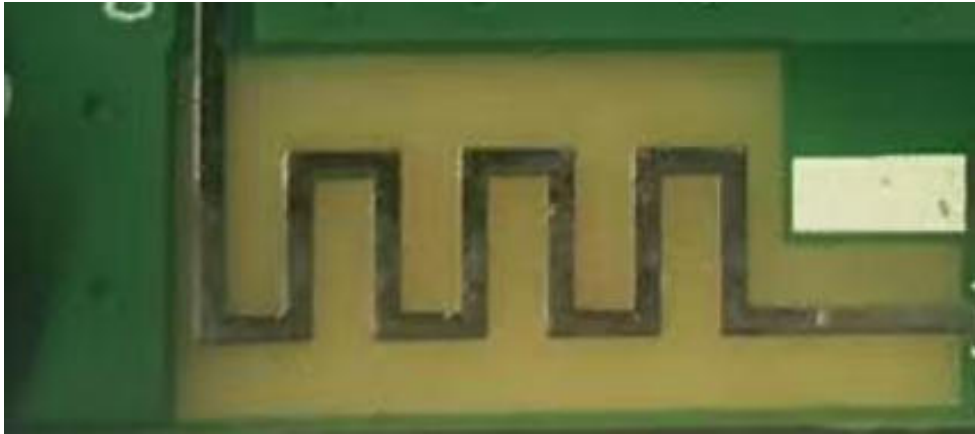
Produce Model: JV24

Test Item : PCB Antenna OTA Passive Test

Antenna Type : Planar Inverted-F Antenna on broad

Edited by:	Jiang	2025/04/05
Approved by:	Maxx	2025/04/05

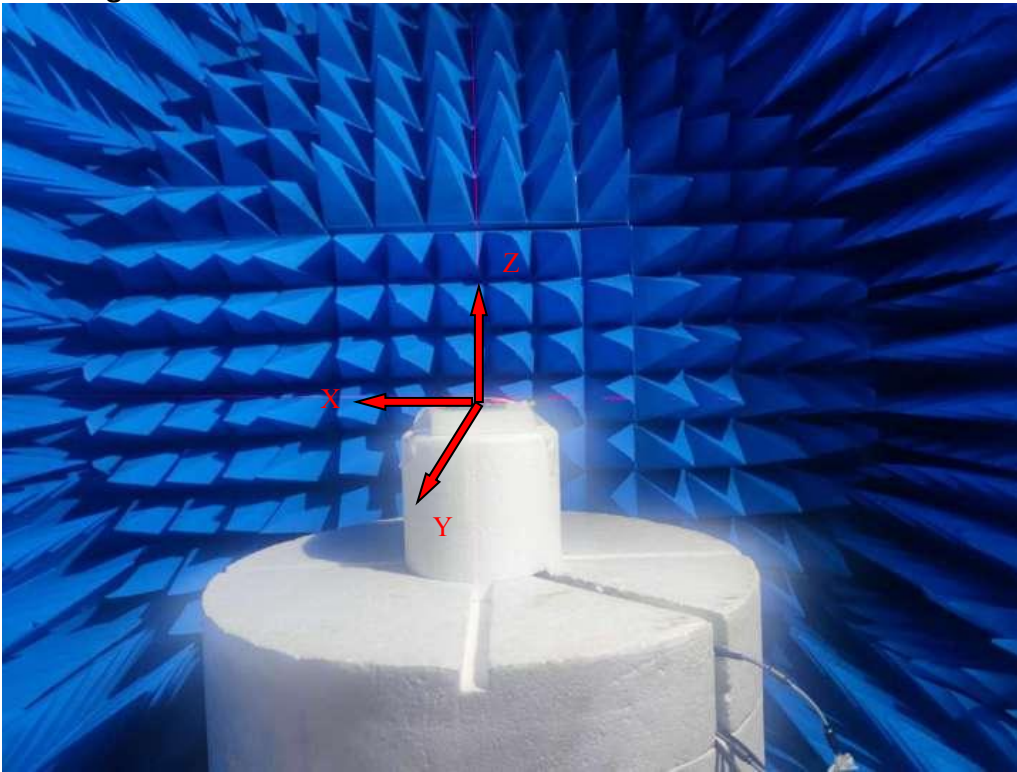
PCB Antenna Size



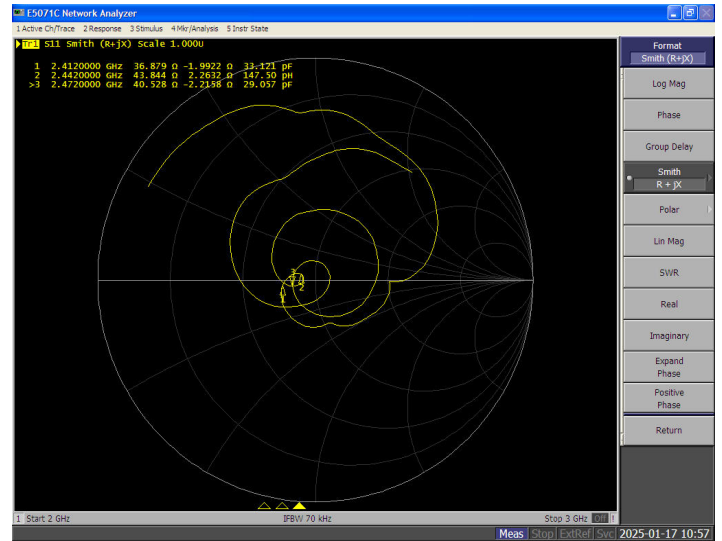
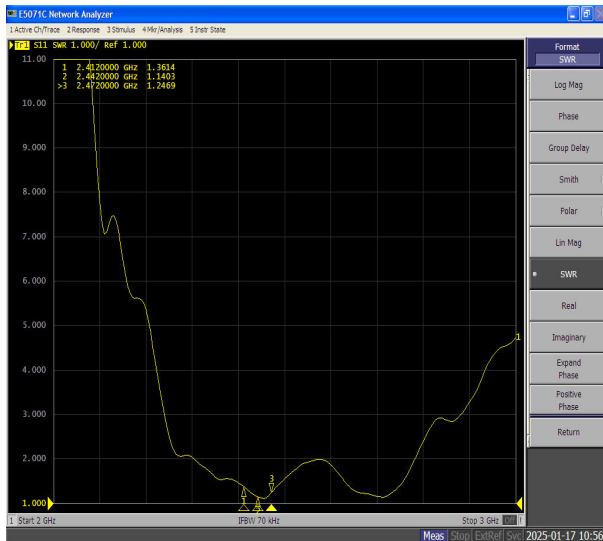
2.4G-2.48G PCB Antenna test report

SPECIFICATIONS	
Frequency (MHz)	2400-2480
Peak Gain (dBi)	-1.80
Average Gain (dBi)	> -3
VSWR	< 2.0
Impedance (Ω)	50 Ω
Antenna Type	Plannar Inverted F Antenna on board
Polarization	Linear

Testing Environment:



Antenna passive S parameter: VSWR and Smith

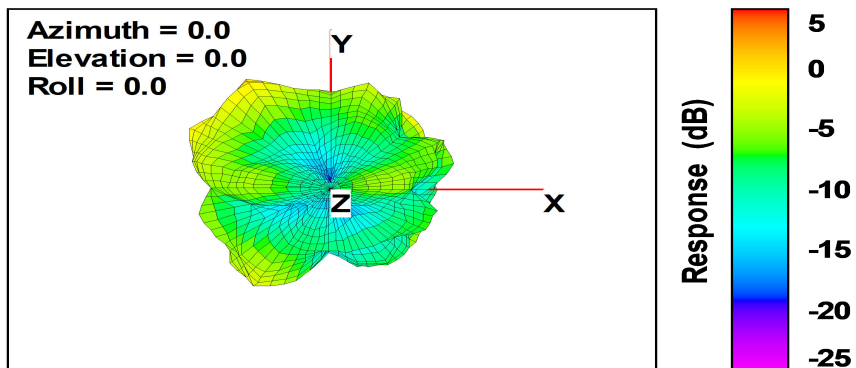


Antenna Efficiency And Gain

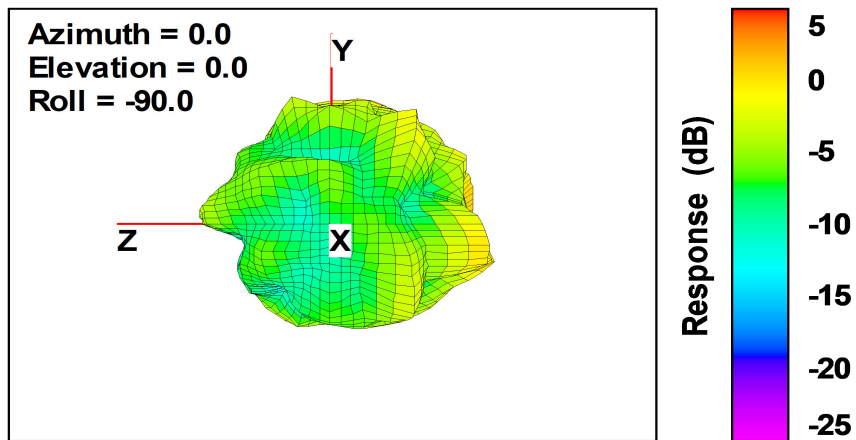
Frequency(MHz)	Efficiency (%)	Gain(dBi)
2412	19.09	-1.80
2442	18.02	-1.92
2472	17.65	-2.27

天线 2412MHz

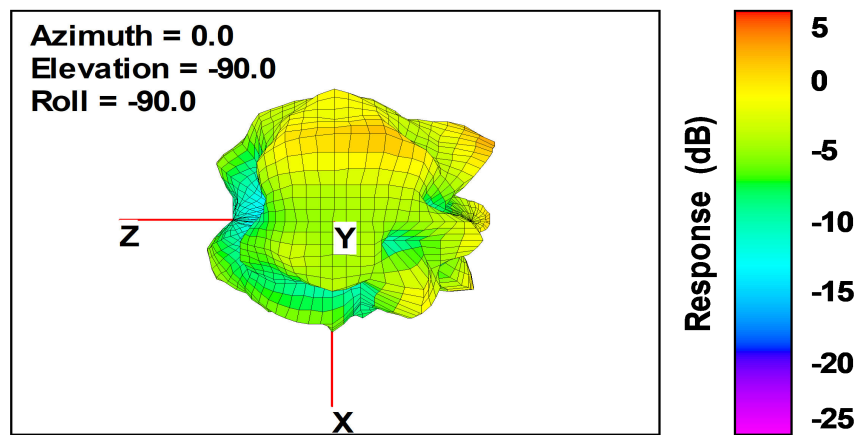
Total



Total

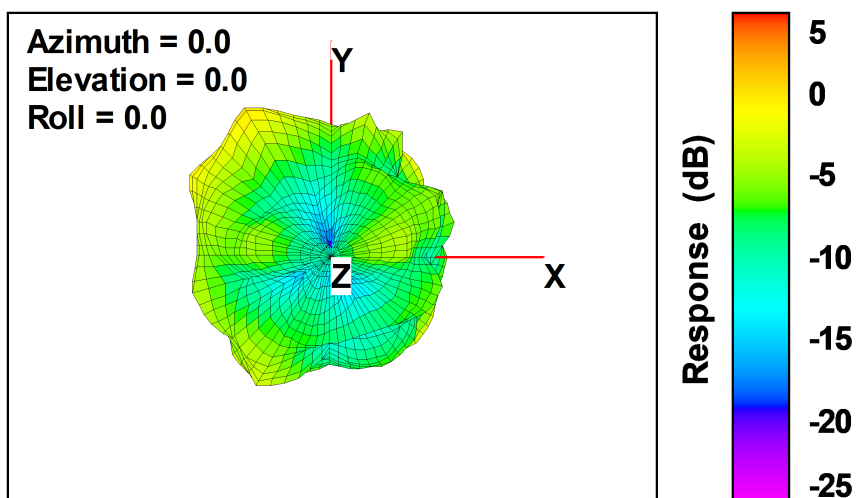


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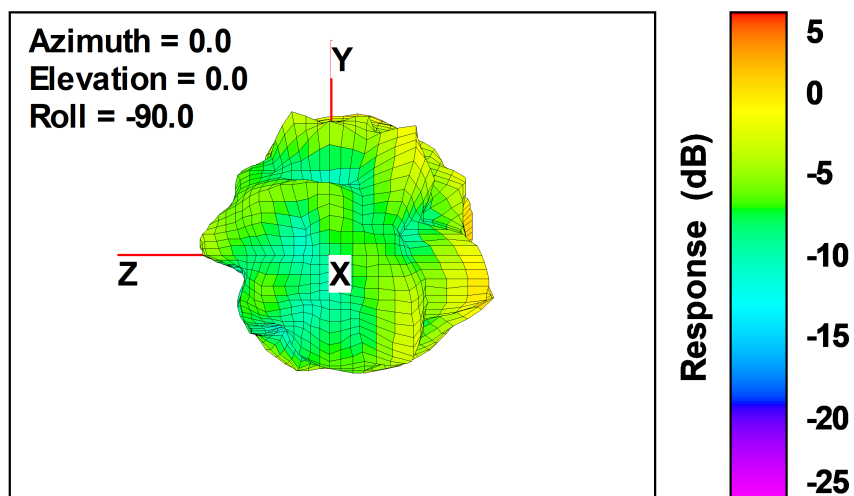


天线2442MHz

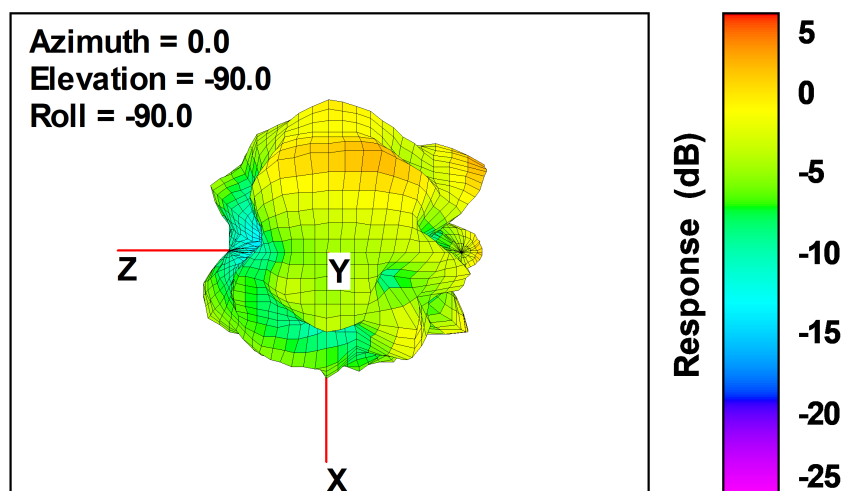
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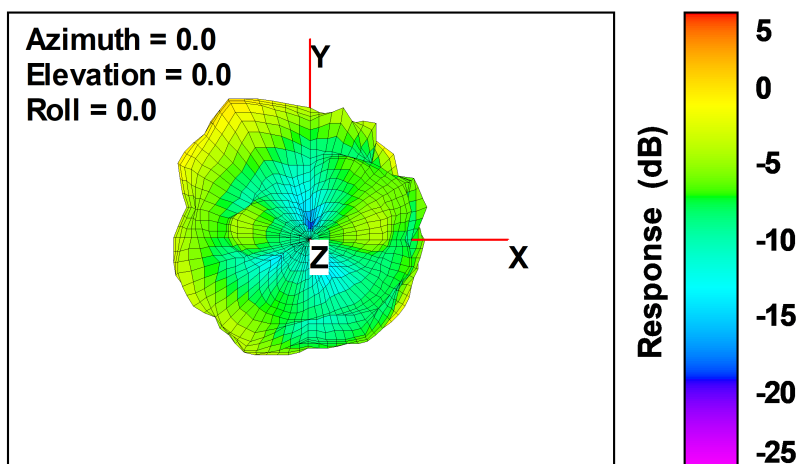


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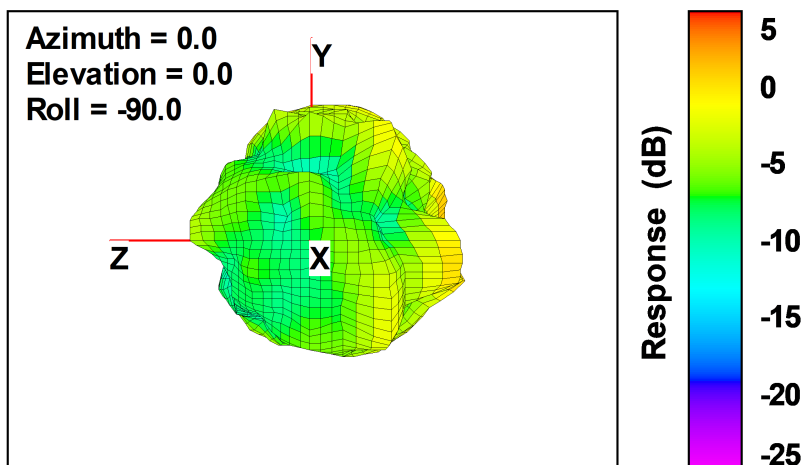


天线2472MHz

Total



Total



Total

