

Antenna test report

Customer Name:802

Project model:S1623AD4547-A1

Date:2024-03-28

Edition record

edition	content	Update reason	Date
1.0	Antenna test	Initial issue	2024-03-28

Directory:

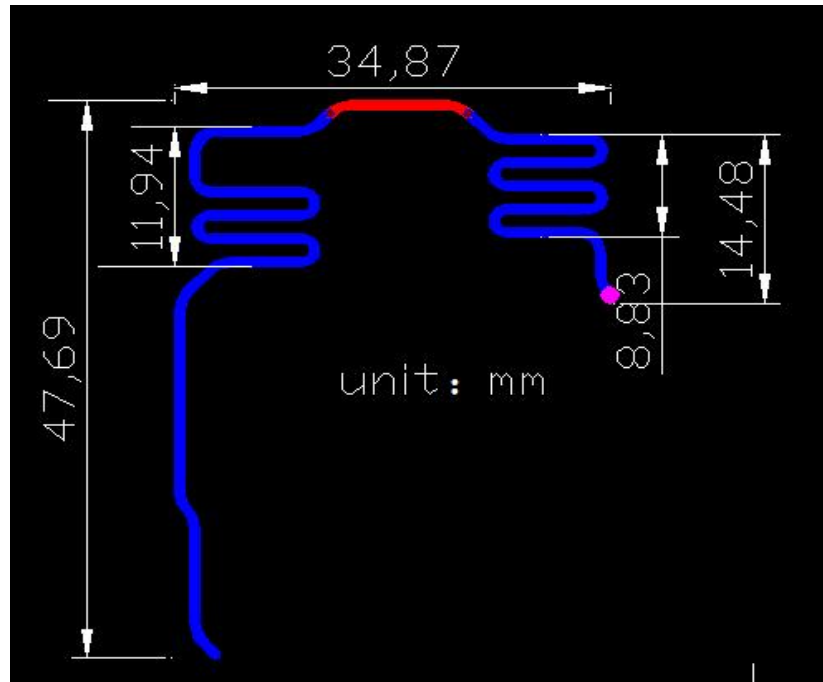
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2. Project situation
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Project situation

Customer Name	Hesung Innovation Limited
Project name	S1623AD4547-A1
Number of antennas	1
Antenna band	430-436MHz
Structural form	Onboard antenna

Antenna size diagram

PCB Antenna



Antenna standing wave pattern

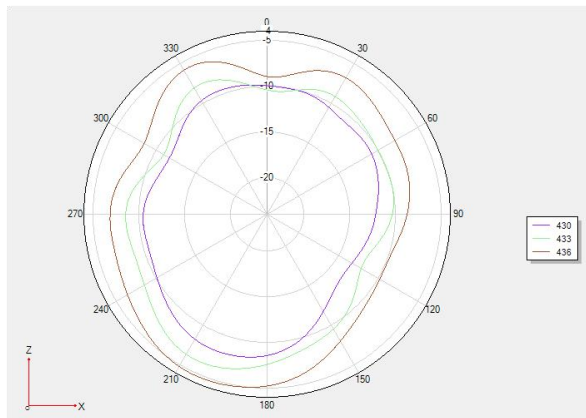


Antenna passive test data

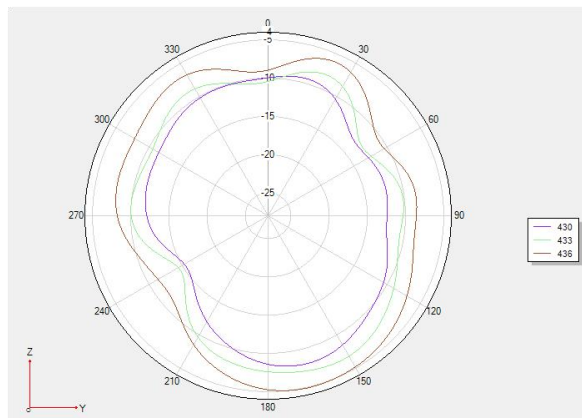
Frequency / MHz	Efficiency / %	Gain/ dBi
430	5.24	-7.61
433	7.66	-5.82
436	12.27	-4.4

Antenna passive test 2/3D diagram

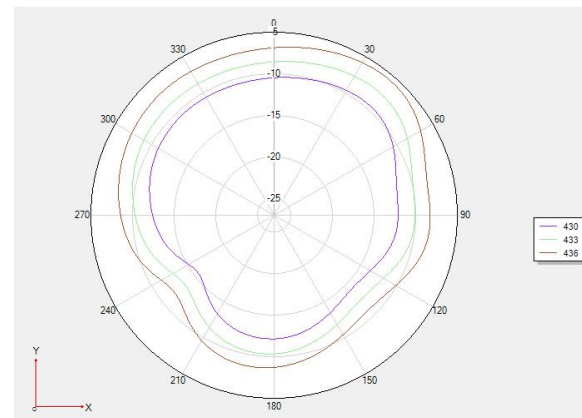
Phi 0 2Dfigure



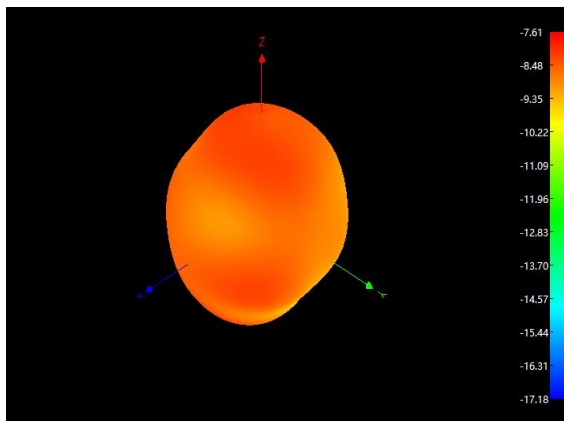
Phi 90 2Dfigure



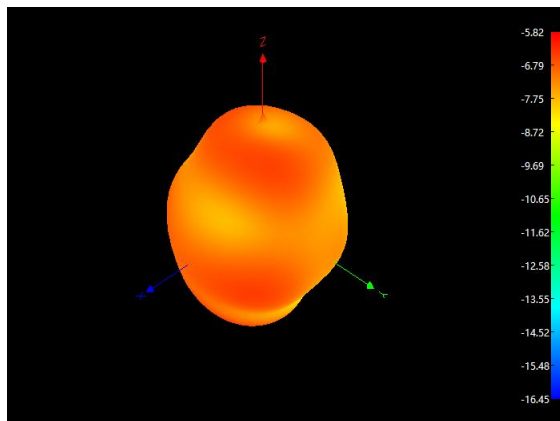
Theta 90 2Dfigure



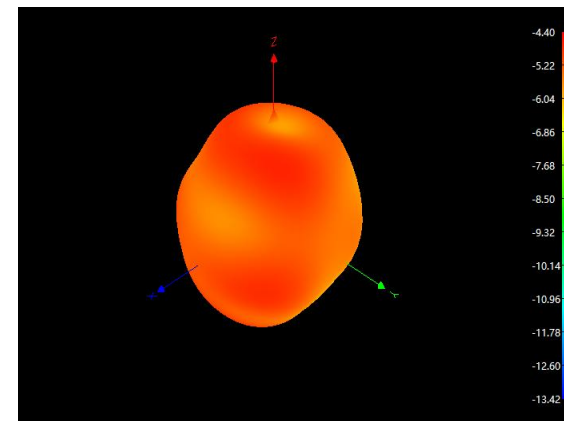
430



433



436





Thank you!

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