



佳邦科技股份有限公司

INPAQ TECHNOLOGY CO., LTD.

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Part Name/品名/规格: RFPCA301005 IMAB303/ANTENNA

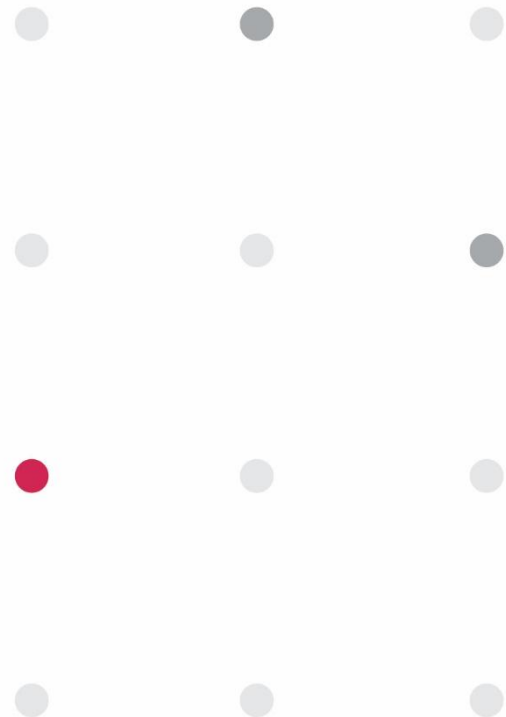
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PSA

PASSIVE SYSTEM ALLIANCE
INPAQ TECHNOLOGY CO., LTD.

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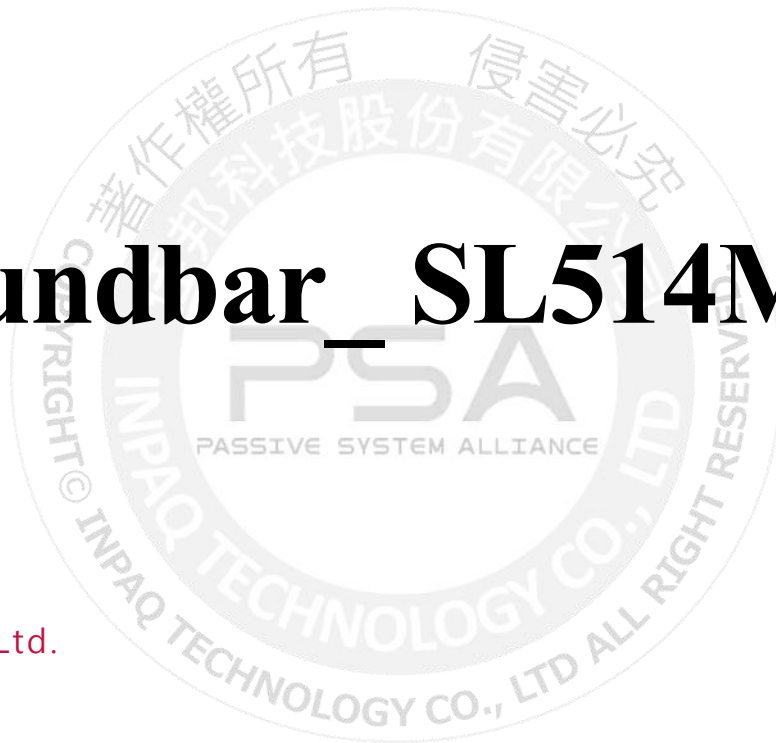


喬陽_soundbar_SL514MW

Presented by
Iven

INPAQ Technology Co., Ltd.

Last updated in 08.14, 2025



Version	Date	Description	Author
V01	2025/08/14	New Release	Iven

OUTLINE

1. Measurement Information

- 1.1 Experimental Setup
- 1.2 Antenna Solution Detail

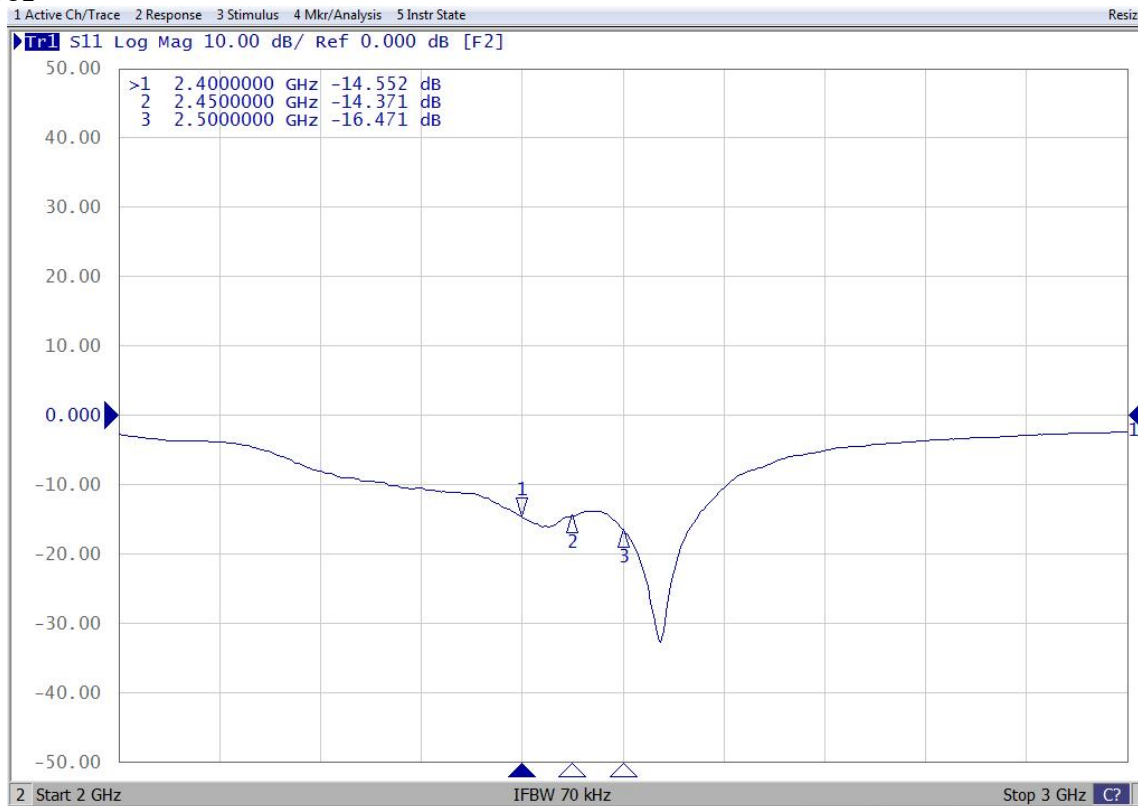
2. Antenna Characteristics

- 2.1 S-Parameter
- 2.2 Antenna Efficiency and Peak Gain
- 2.3 3 views of antenna & 2D Radiation Patterns

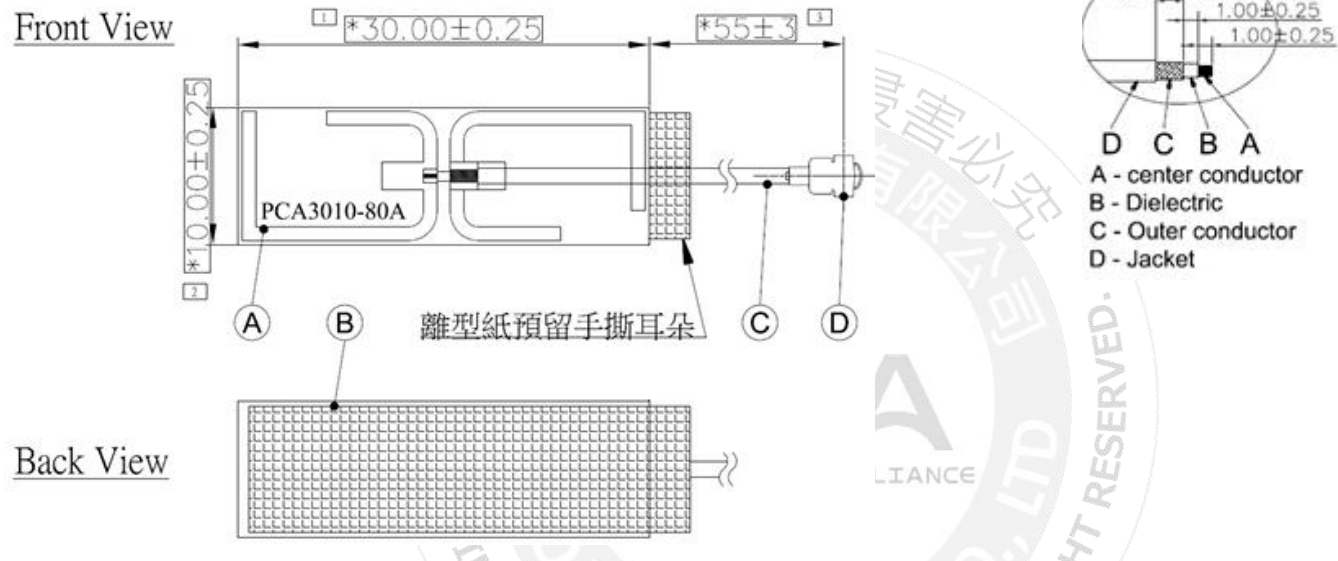
3. Summary

2. Antenna Characteristics

2.1 S-Parameter

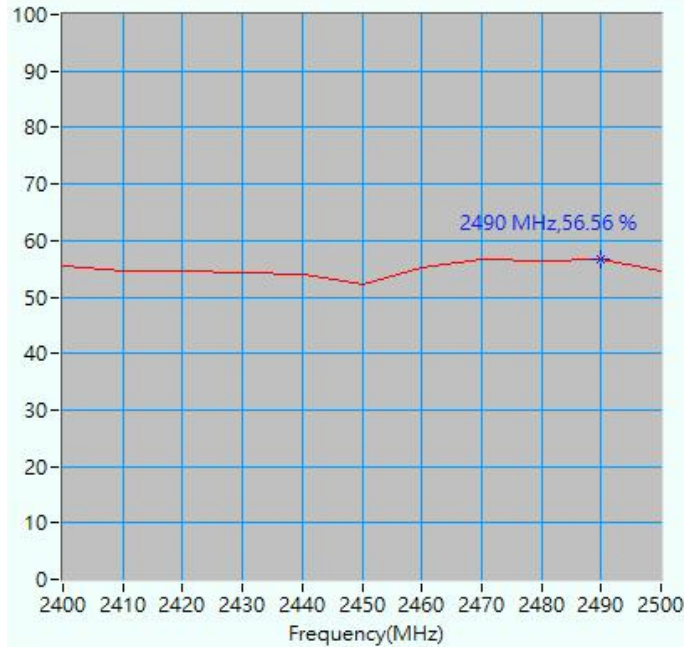


1.3 Antenna

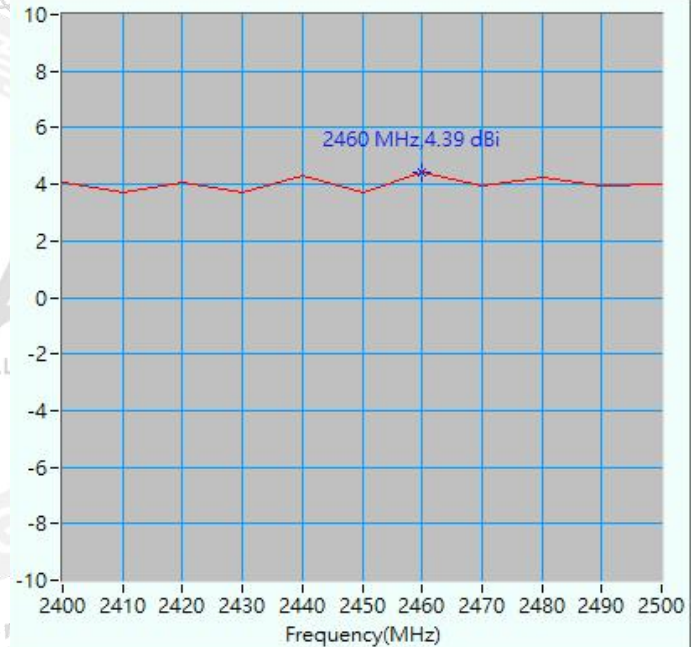


2. Antenna Characteristics

2.2 Antenna Efficiency and Peak Gain



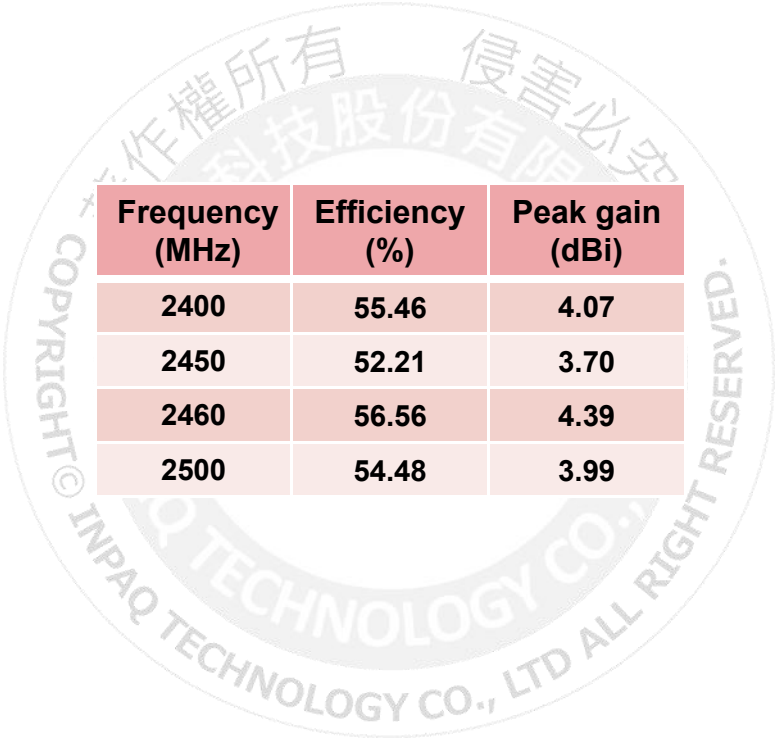
Maximum Efficiency at 2490 MHz : **56.56 %**



Maximum Peak Gain at 2460 MHz : **4.39 dBi**

2. Antenna Characteristics

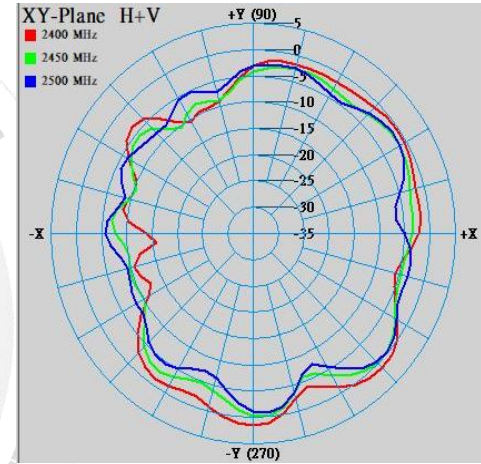
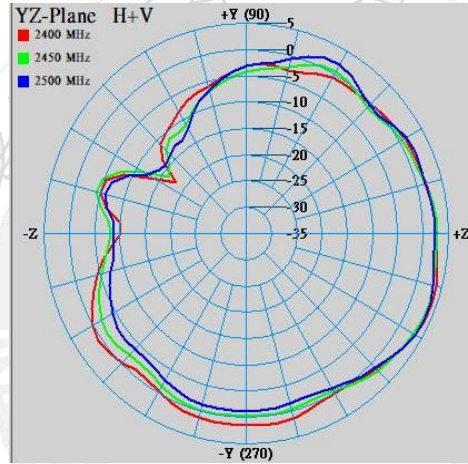
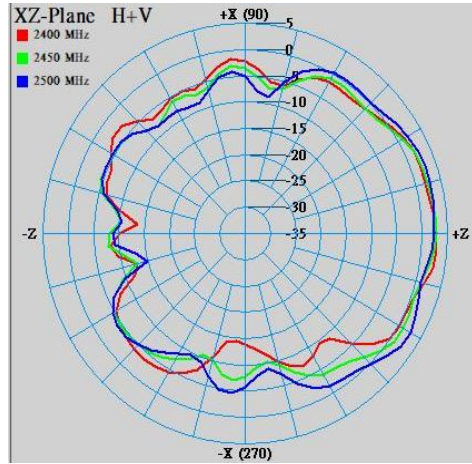
2.2 Antenna Efficiency and Peak Gain



Frequency (MHz)	Efficiency (%)	Peak gain (dBi)
2400	55.46	4.07
2450	52.21	3.70
2460	56.56	4.39
2500	54.48	3.99

2. Antenna Characteristics

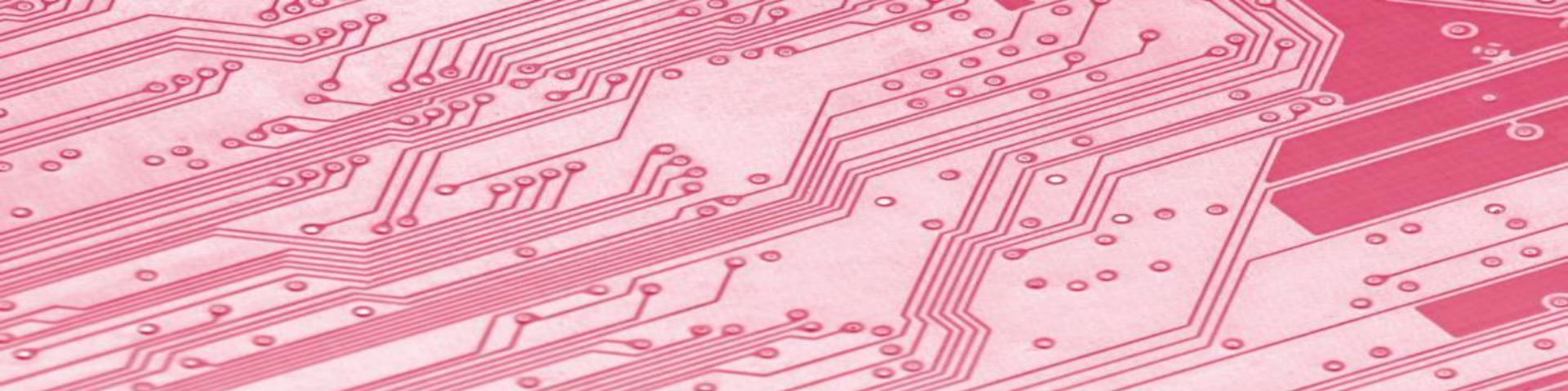
2.3 2D Radiation Patterns



3. Summary

- The performance of antennas is shown in table

	SL514MW
Maximum Efficiency (%)	56.56
Maximum Gain (dBi)	4.39



Title for Image (above image could be replaced)

Content Details

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Thank you

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