



Antenna Specification

Model: JYANT-24G1X4

V 1.0

SHENZHEN JOYE SENTECH CO., LTD

April 2023

Version Updated Record

Version	Update	Writer	Approval	Time
V1.0	document creating for the first time	wq yu	Xuchen	April 4, 2023

Catalog

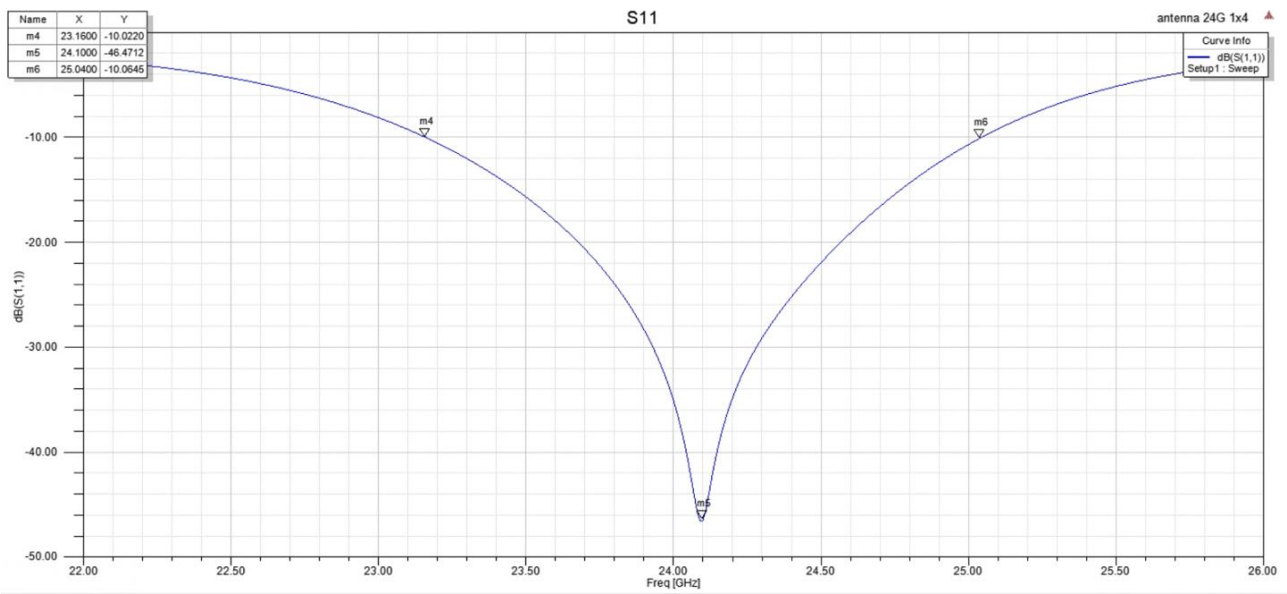
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1 Electrical Characteristics

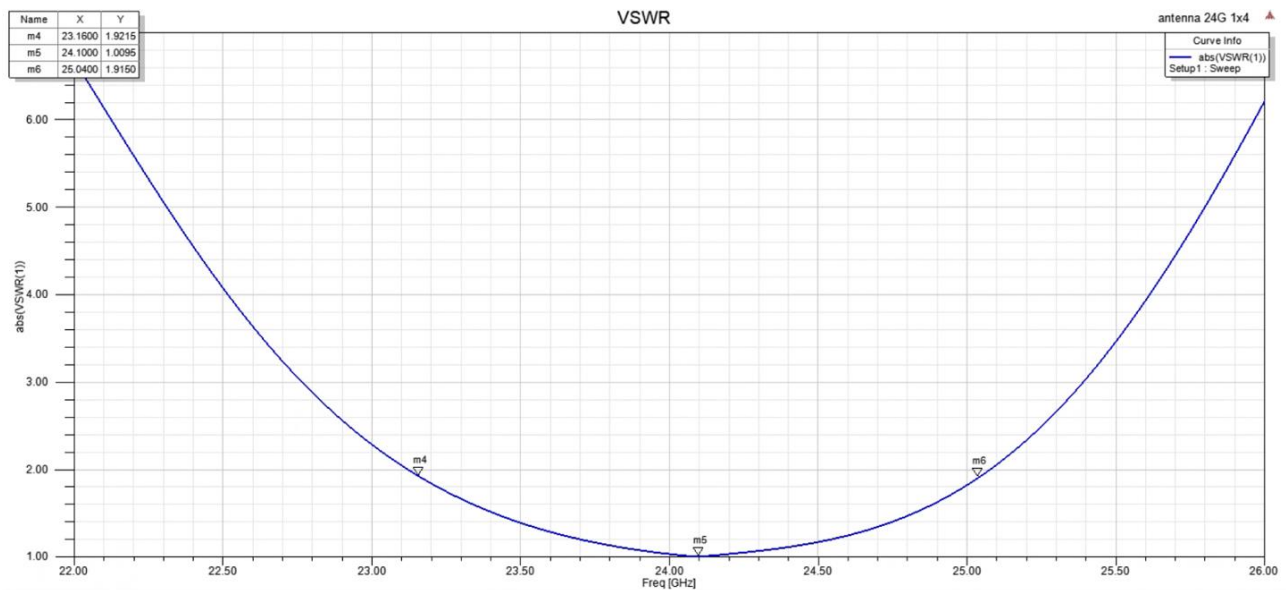
1.1 Brief Characteristics

JYANT-24G1X4	Specification
Working Frequency	24.1 ± 0.94 GHz
Impedance	50 Ω
Gain	9 dBi
VSWR	< 2
Operation Temperature	-40 ~ 85℃

1.2 Parameter of S11

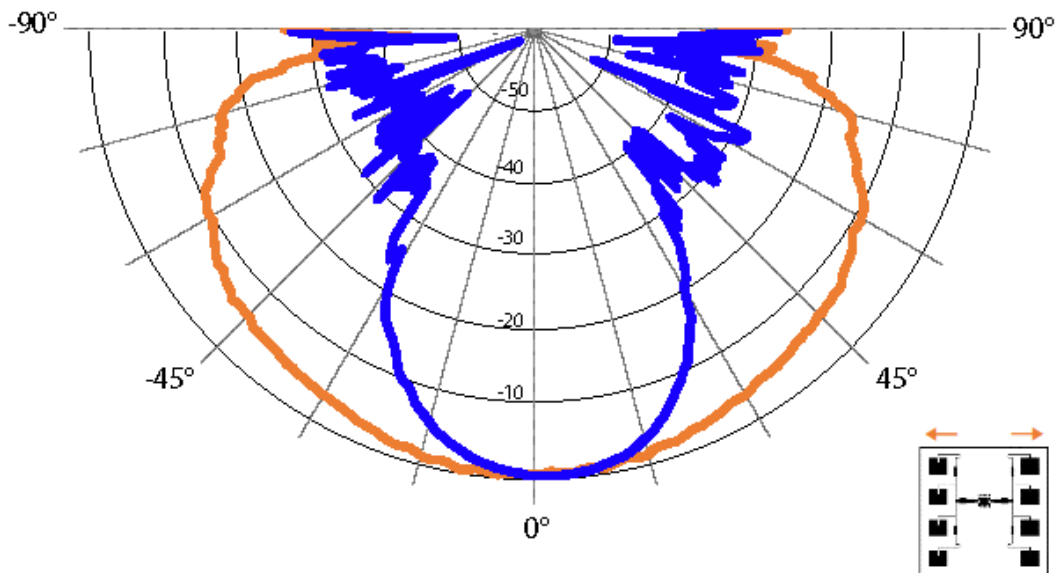


1.3 Parameter of VSWR

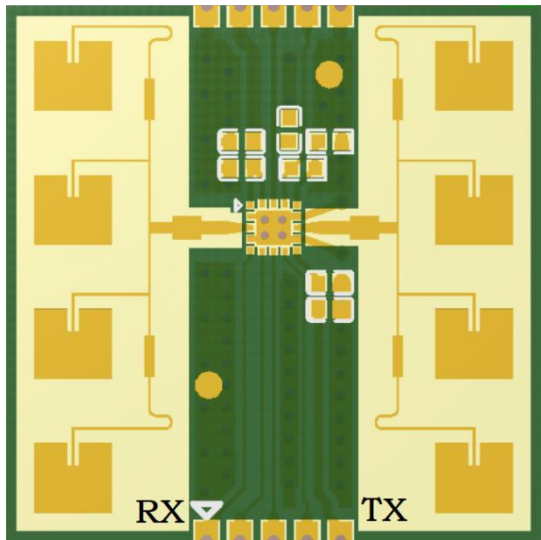


1.4 Antenna Pattern

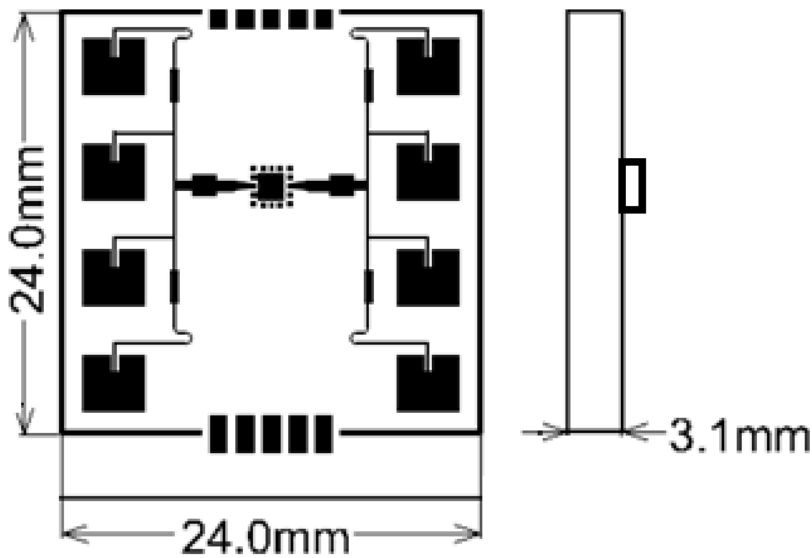
The radar sensor uses a directional, integrated and separated Tx- /Rx-Patch antenna with a normalized relative TX antenna gain pattern as shown in the following figure and a TX antenna gain of 9 dBi in the main beam.



2 Antenna Picture



3 Antenna Size



4 Manufacturer Information

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