

2.4GHz LDS Antenna: ANL3513B2400LL01

Application:

2400MHz LDS Antenna

Features

High reliability, efficiency, Omni-directional...



Part number

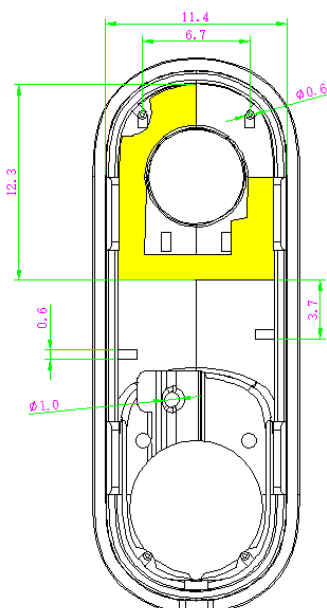
<u>ANL</u>	<u>3513</u>	<u>B</u>	<u>2400</u>	<u>LL</u>	<u>01</u>
(1)	(2)	(3)	(4)	(5)	(6)

(1) Product Code	LDS Antenna
(2) Size Code	35*13mm
(3) Packing	IN Bulk
(4) Frequency	2400MHz
(5) Series	LL
(6) Type	01

Electrical Specification

Working Frequency Range	2402~2480MHz
Peak Gain	-0.83dBi
Impedance	50 Ohm
VSWR	3.0 Max
Polarization	Linear
Azimuth Beamwidth	Omni-directional
Operation Temperature(℃)	-30~70℃

Dimension and Terminal Configuration

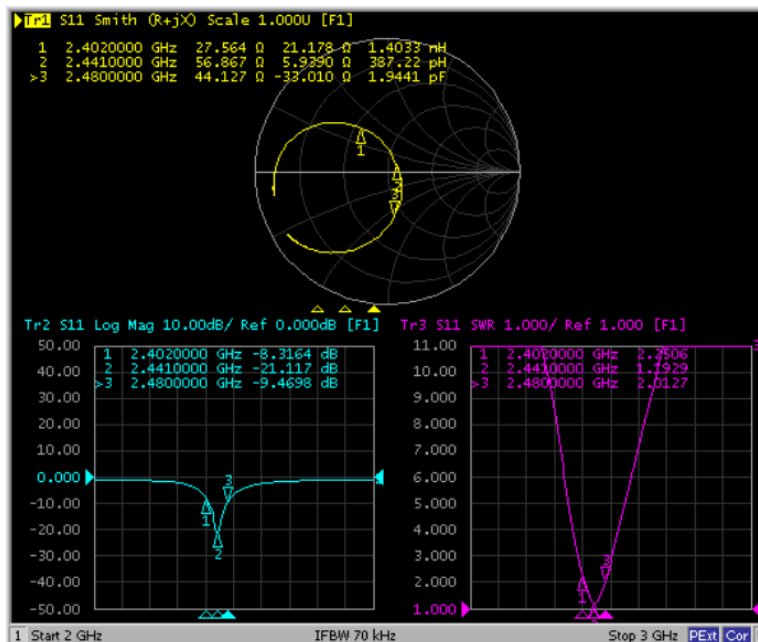


Manufacturer:Shenzhen Jiayz photo industrial ., Ltd
Address:A16 Building, Intelligent Terminal Industrial Park of Silicon Valley Power,
Guanlan,Longhua District, Shenzhen, China

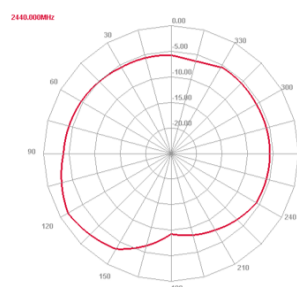
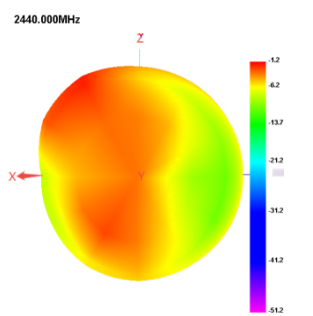
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Electrical Characteristics

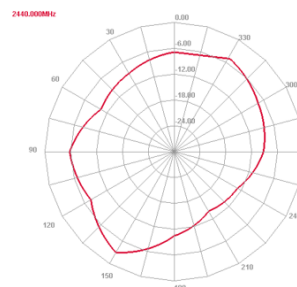
Return loss&Smith&VSWR



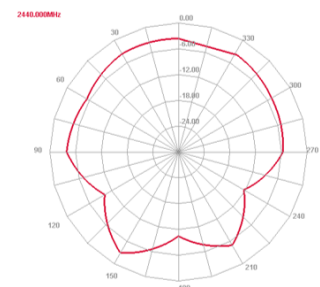
Item	Value		
	2402 (MHz)	2441 (MHz)	2480 (MHz)
Return loss(dB)	-8.31	-21.11	-9.46
Smith chart	27.56	56.86	44.12
VSWR	2.25	1.19	2.01



XY



XZ



YZ

Frequency (MHz)	Efficiency (%)	Mean gain (dBi)	Peak Gain (dBi)
2400	29.72	-5.27	-0.83
2410	28.67	-5.43	-0.99
2420	28.56	-5.44	-1.01
2430	28.67	-5.43	-1.04
2440	29.04	-5.37	-1.08
2450	29.7	-5.27	-1.1
2460	30.56	-5.15	-1.14
2470	31.18	-5.06	-1.21
2480	31.85	-4.97	-1.15

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Revision History

Version	Date	Description
Ver.01	May .2025	New issue.
Ver.02	July .2025	Complete Dimension.

July.2025 Ver.02