

Antenna Test Report

Antenna Manufacturer	Sariana LLC
Manufacturer's Address	10637 Scripps Summit Ct San Diego, CA 92131, USA
Model	MN26STA01
Antenna Revision	A1
Date:	2026.05.13

Purpose

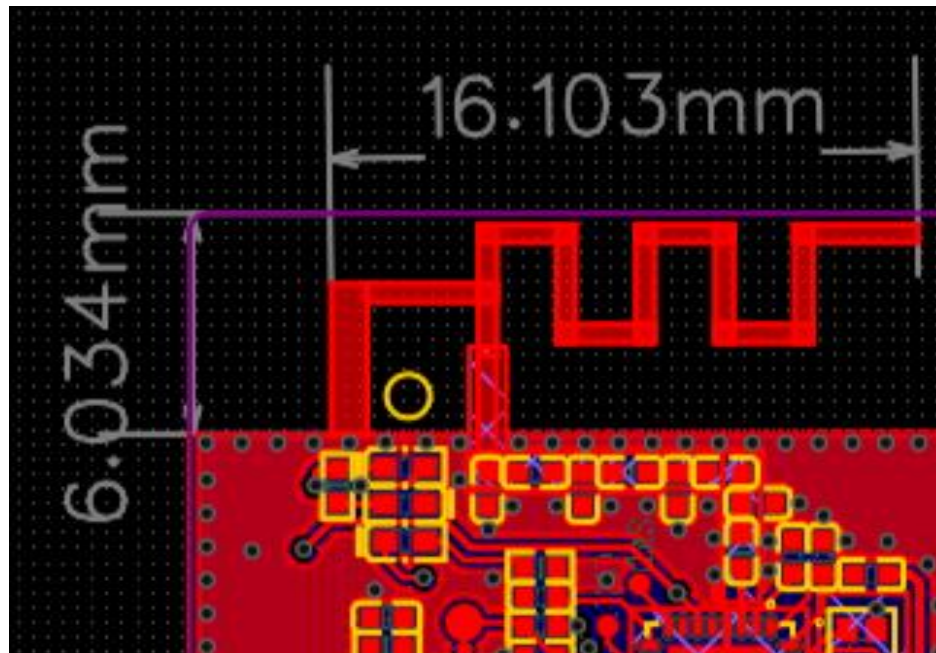
This report is to measure the performance of antenna for [SH919](#). The antenna operating frequency at 2400-2500MHz, All test data are showed as below.

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1. Product Overview & Dimension

天线图片

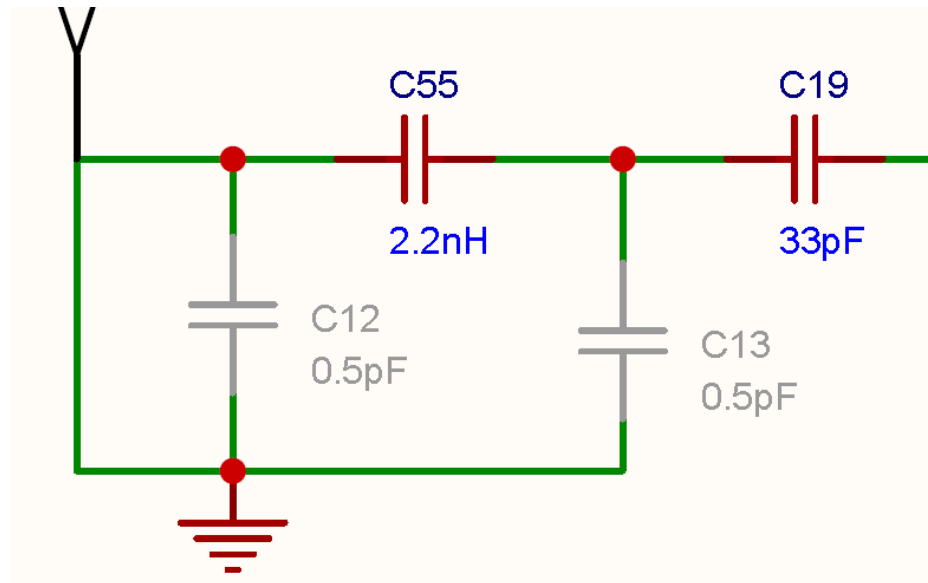


2. Test System

Sequence Number	Test Item	equipment
S parameter	VSWR	Agilent 5071C & Agilent 5062A
OTA Test	TRP&TIS	Agilent 8960 E5515C& Agilent 4438C&CMW500 &CMW270 ETS&SATIMO
Gain & Efficiency	Gain & Efficiency	ETS&SATIMO Agilent 5071C



3. Antenna Matching Network



C12 1.0 pf ; C55 2.7nh ; C13 NC; C19 33pf

4. Test Result

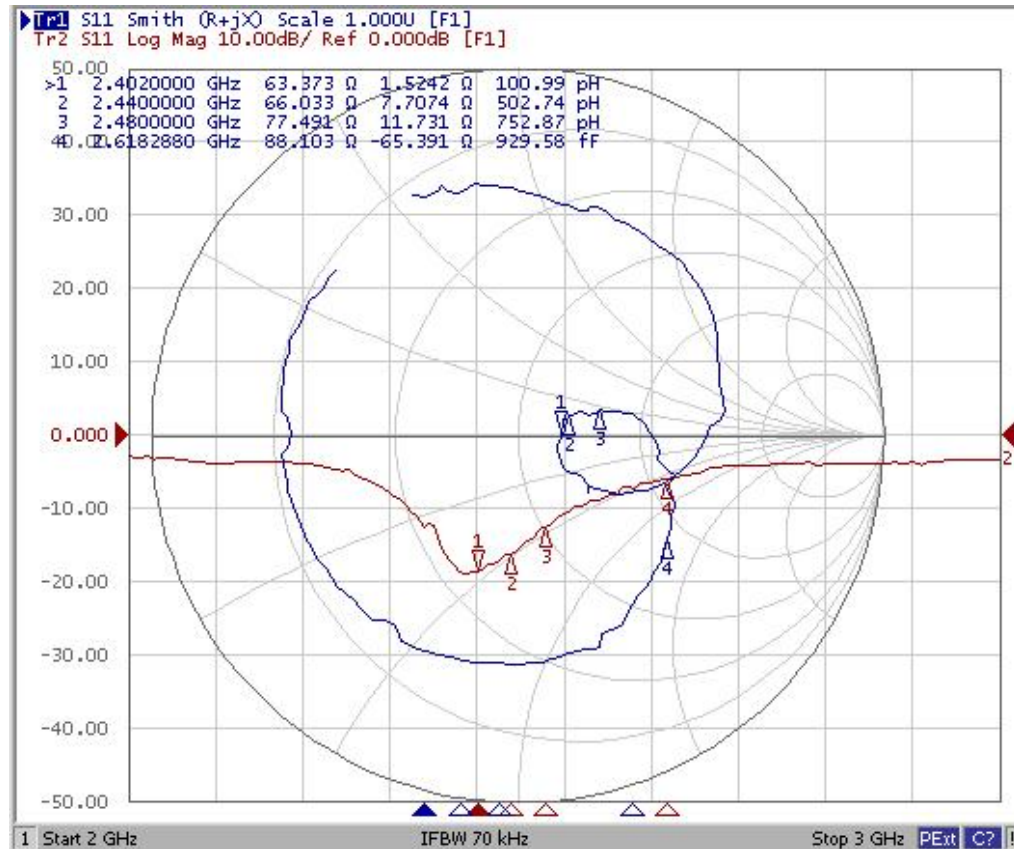
4.1 S11 Parameter-VSWR



Frequency	2402	2440	2480	2618.288
VSWR	1.32	1.42	1.66	2.99

4. Test Result

4.1 S11 Parameter-smith ($R+jX$)



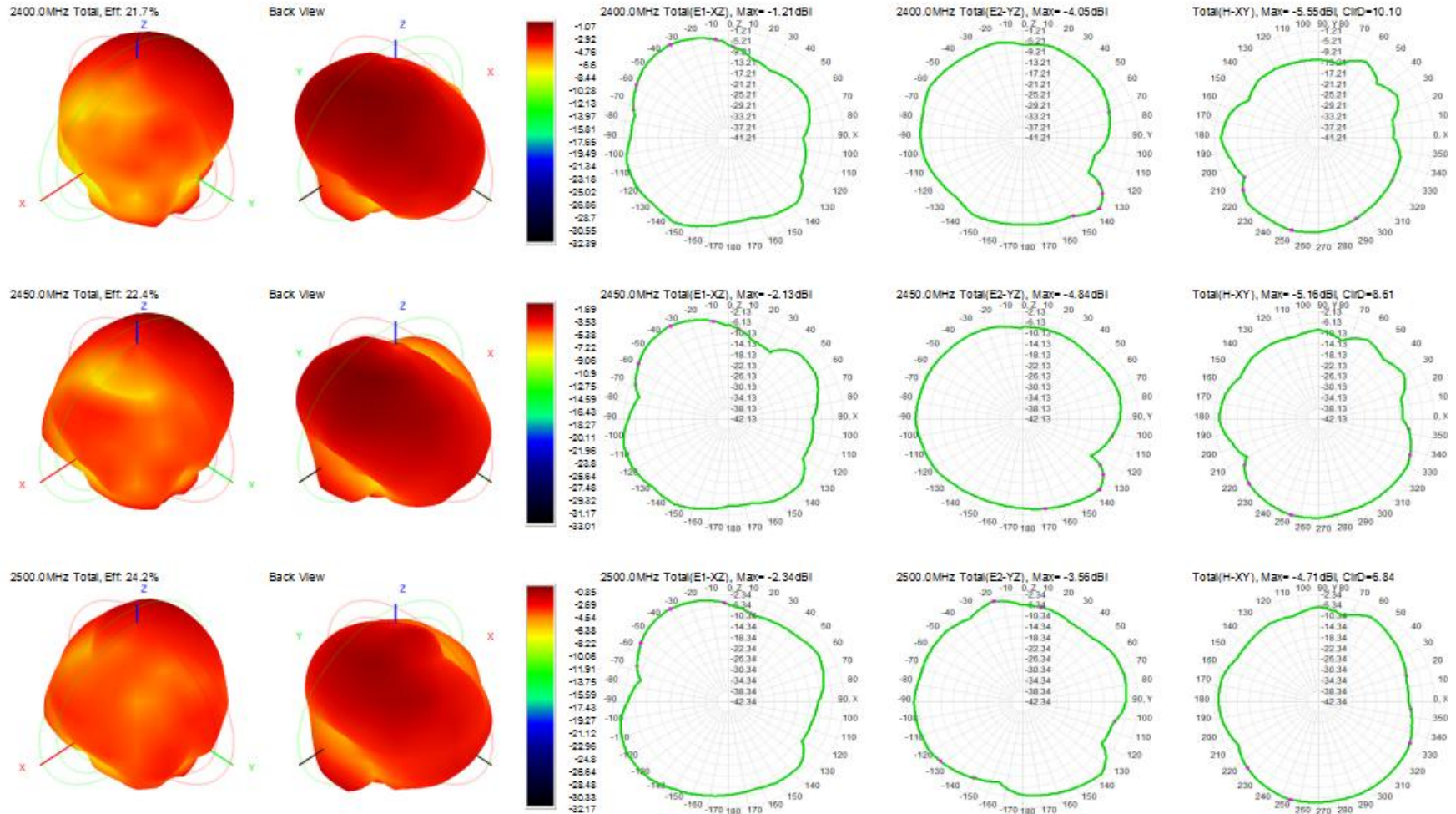
4. Test Result

4.2 Gain & Efficiency

频率 (MHz)	效率 (dB)	增益 (dBi)	效率 (%)
2400	-6.63	-1.07	21.71
2410	-6.24	-0.78	23.76
2420	-6.17	-0.73	24.14
2430	-6.03	-0.74	24.97
2440	-6.22	-1.16	23.86
2450	-6.50	-1.69	22.39
2460	-6.46	-1.44	22.59
2470	-6.58	-1.21	21.96
2480	-6.47	-1.00	22.55
2450	-6.53	-0.85	22.37

4. Test Result

4.3 3D/2D Pattern



Thank you!