

Antenna Test Report



Customer	Havit
Project	JD-969
Antenna Revision	A0
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Date:	2023. 4. 23

Purpose

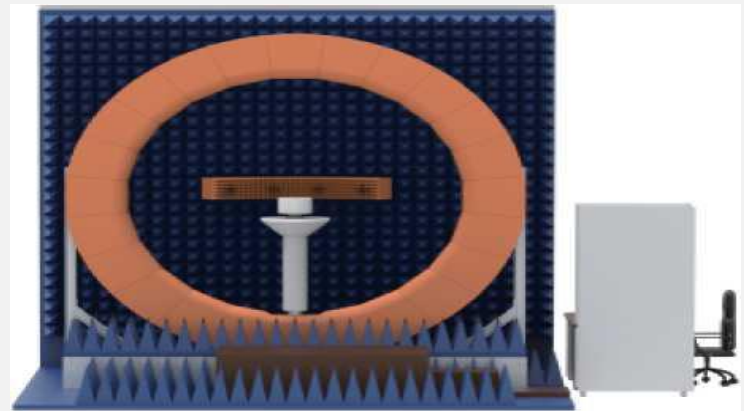
This report is to measure the performance of antenna for **JD-969** The antenna operating frequency at 2400MHz-2500MHz 。 All test data are showed as below.

Content

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- 2. Test system**
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2. Test System

Sequence Number	Test Item	equipment
S parameter	VSWR	Agilent 5071C & Agilent 5071C
OTA Test	TRP&TIS	Agilent 8960 & CMW500
Gain & Efficiency	Gain & Efficiency	Agilent 5071C



3. Antenna



4. Test Result

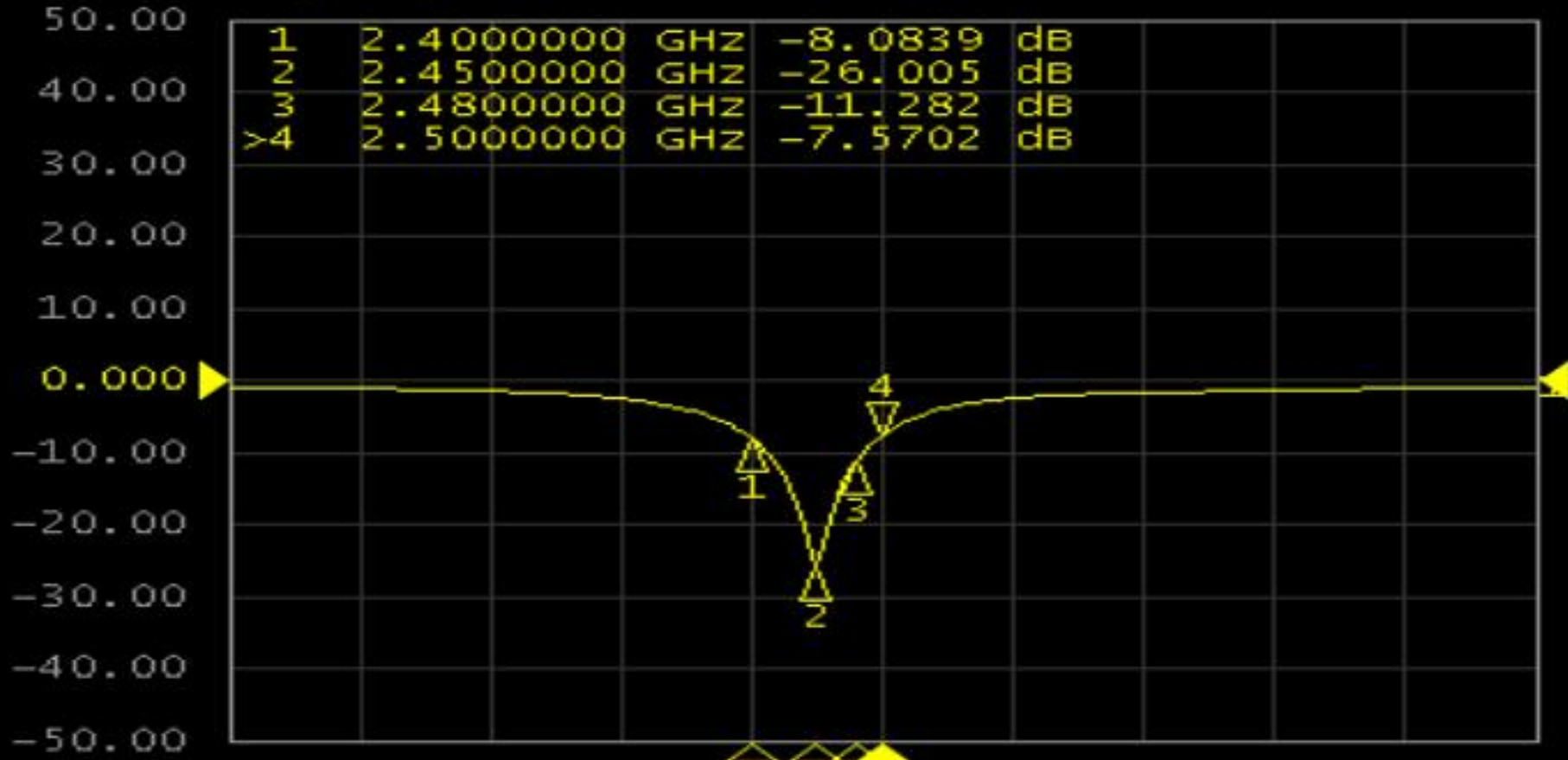
4.1 S11 Parameter-VSWR



Frequency (MHz)	2400	2450	2480	2500
VSWR	2.30	1.10	1.75	2.43

4. Test Result

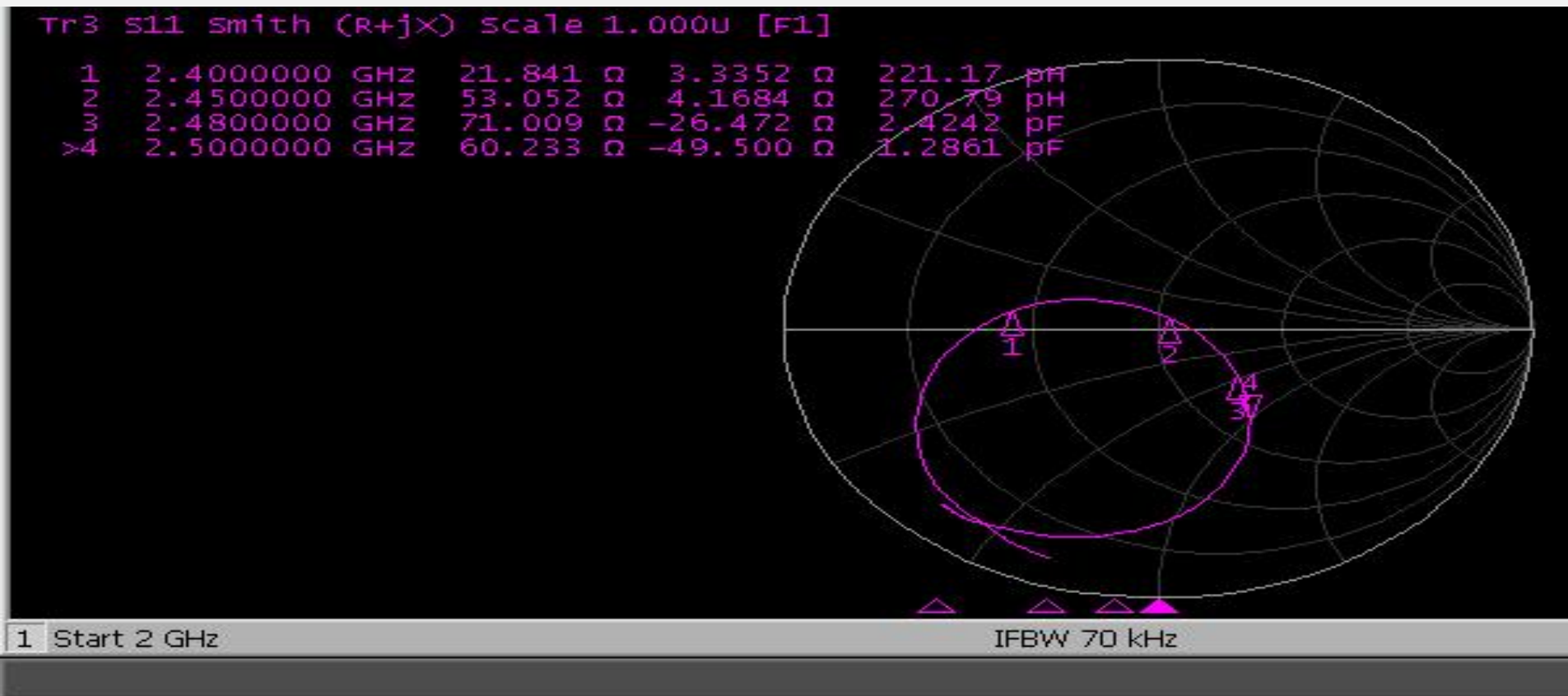
Tr1 S11 Log Mag 10.00dB/ Ref 0.000dB [F1]



Frequency (MHz)	2400	2450	2480	2500
Log Mag	-8.08	-26.00	-12.28	-7.57

4. Test Result

4.1 S11 Parameter-Smith



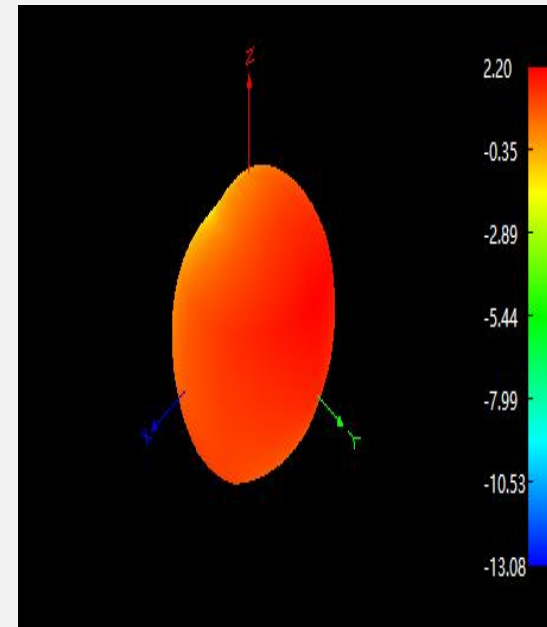
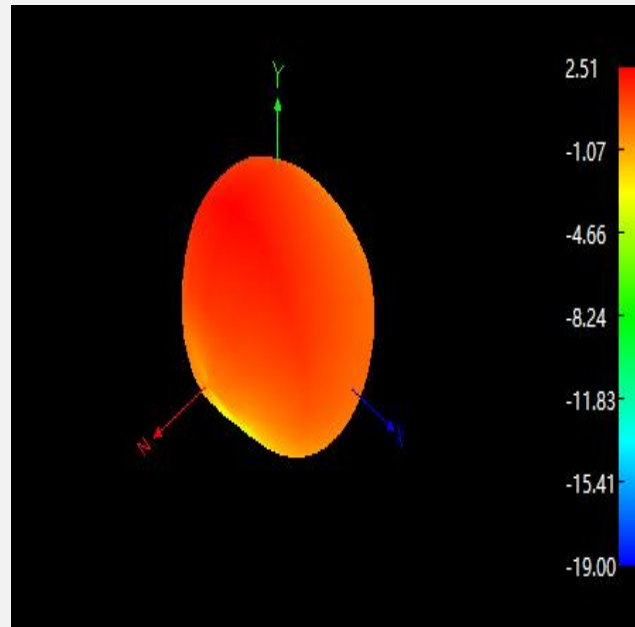
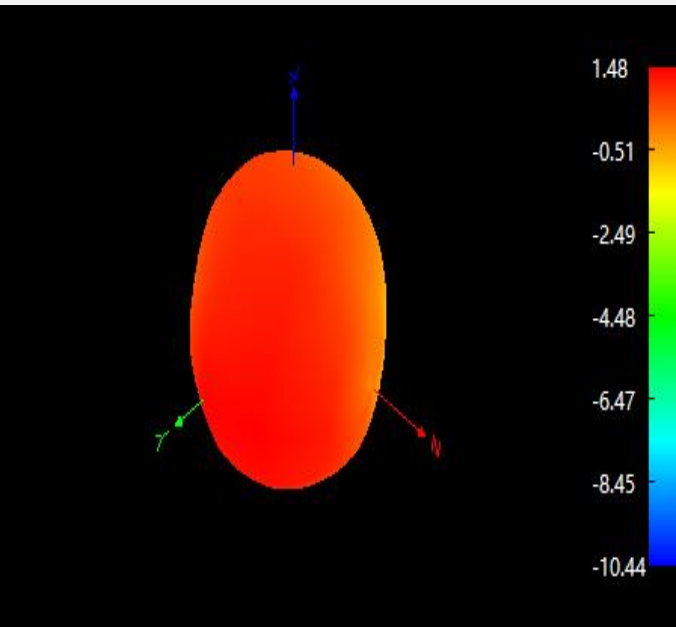
Frequency (MHz)	2400	2450	2480	2500
Smith(Ω)	21.84	53.05	71.00	60.23

4.5 DATA

Test Condition:	3D chamber	
Band	Channel	Gain(dBi)
BT	0	1.48
	39	2.51
	78	2.20

4. Test Result

4.4 2D Pattern—**BT ANT**



Thank you!