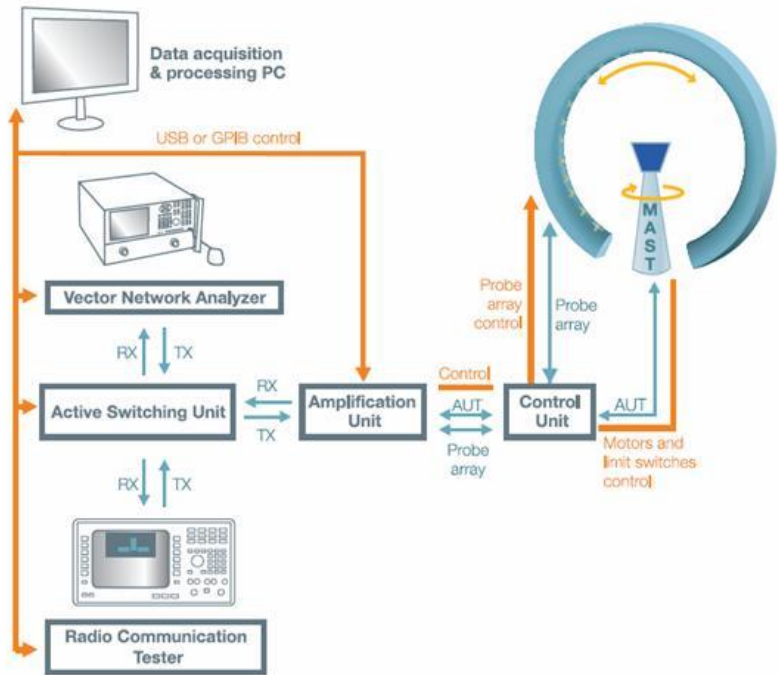


Antenna Measurement Report

Project name :	DN21C-156P2-SCD
Type of antenna :	
Frequency range :	2.4-2.5G/5.15-5.85GHz
Redact :	蒋代铭
Approver :	
Version number :	V1.0
Date :	20230606

Active test item

A photograph of a large, circular, orange-colored anechoic chamber with a blue interior, containing a white electronic device on a stand.

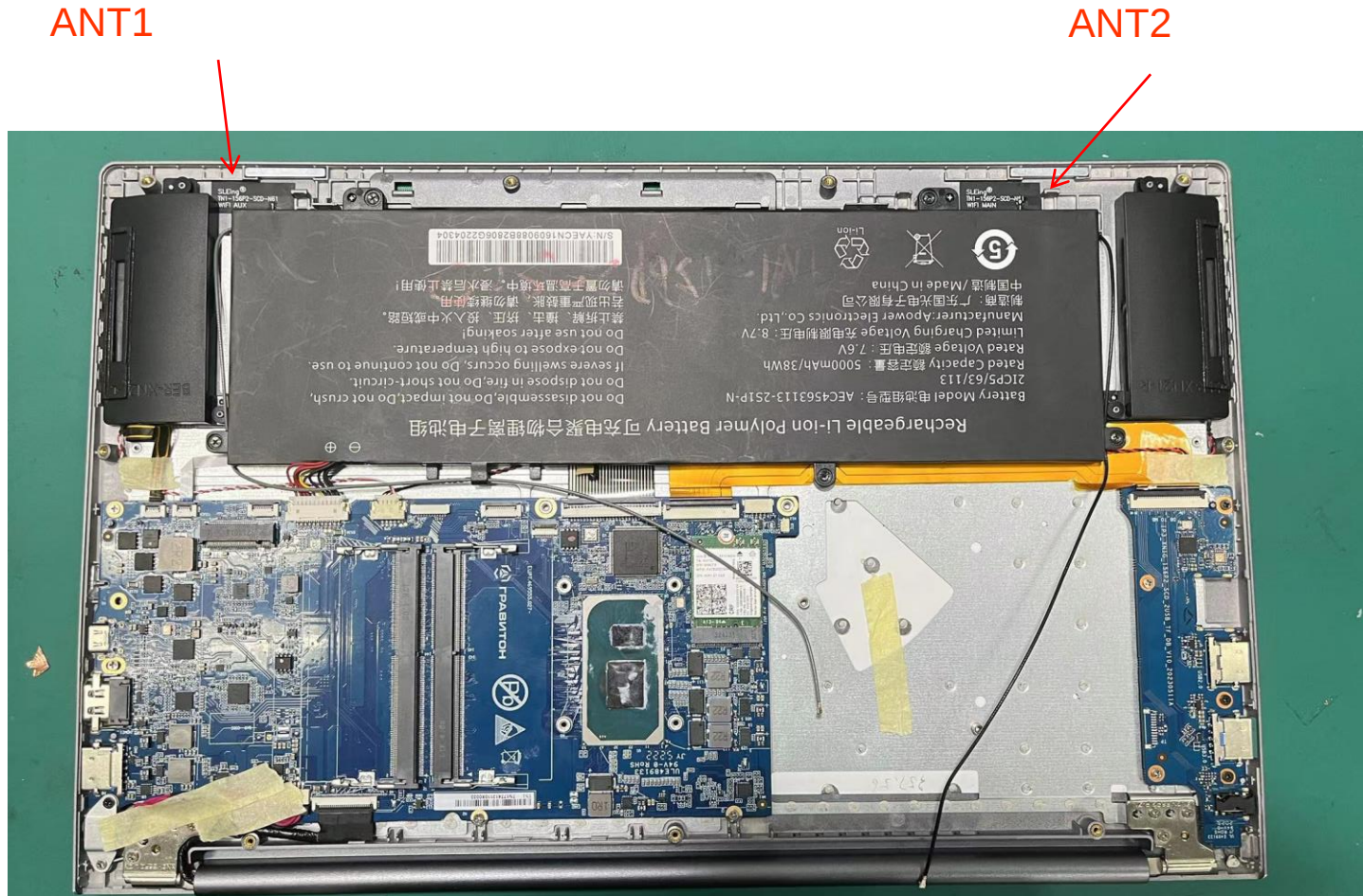
2. Product information

Product Name:	DN21C-156P2-SCD ANT
Part Number:	Main SLEingB241620230 AUX SLEingB241630310
Test frequency band:	2.4-2.5GHz 5.15-5.85GHz

3. Specifications

Rough description		Dimensions	
Impedance	50Ω	Test environment	None
Application		Freq. Range	2.4-2.5G/5.15-5.85GHz
Gain	Peak gain: 4.30	VSWR	1.92: 1
Radiation		Polarization	linear
Connector type	HMF 4代	Cable type	None
Isolation	None	Special request	

4. Antenna assembly instructions

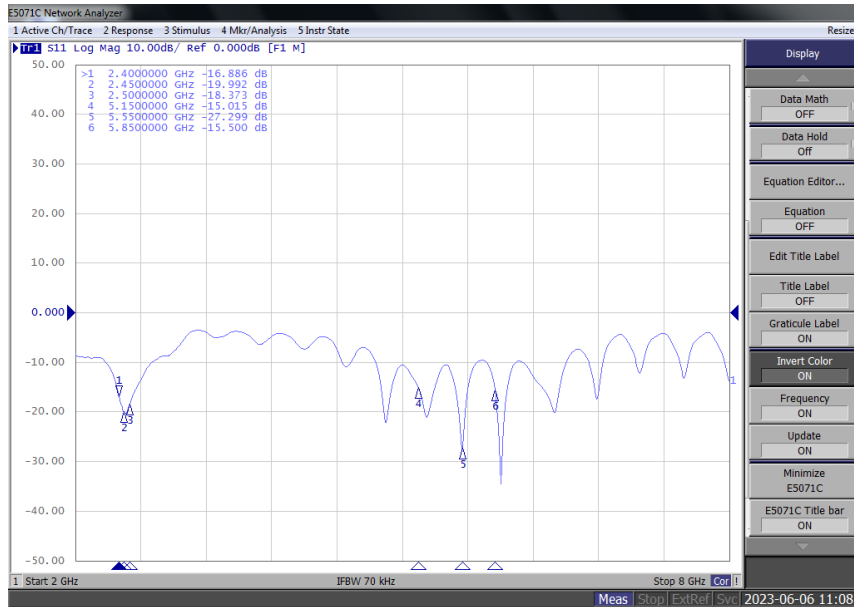


4.1 Antenna Assembly Instructions

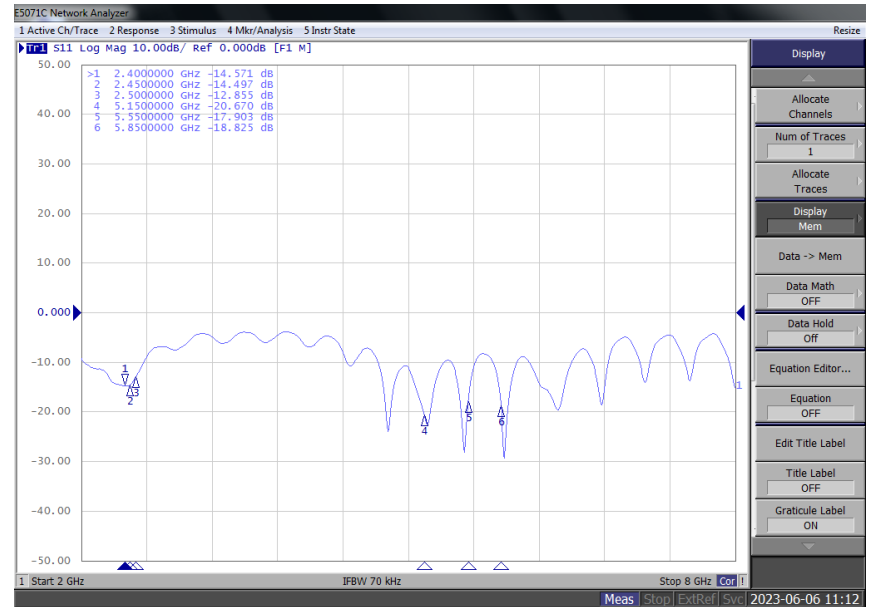
边缘对齐



5. The S parameter is 2.4/5.8G

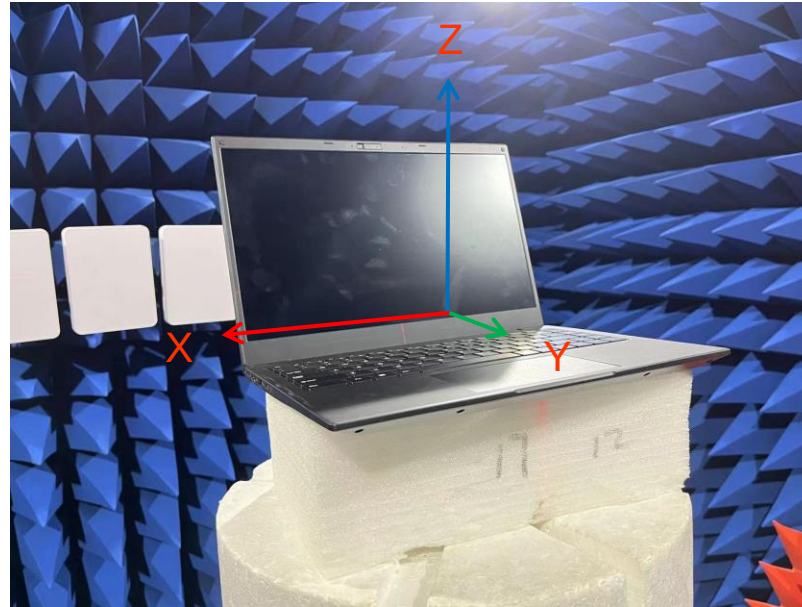


ANT2



ANT1

6. Test the environment and relative coordinates



* This image represents only the relative coordinates indicated

7. Passive data and test chart

ANT2

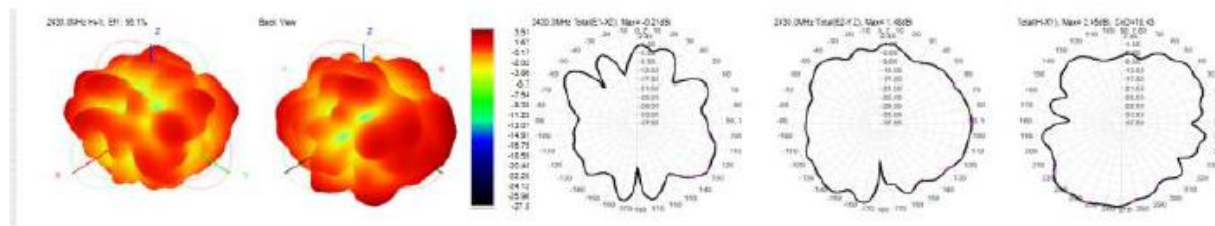
Frequency ID	1	2	3	4	5	6	7	8	9	10	11	12	13
Frequency (MHz)	2400.0	2410.0	2420.0	2430.0	2440.0	2450.0	2460.0	2470.0	2480.0	2490.0	2500.0	5150.0	5200.0
Gain (dBi)	3.84	3.80	3.61	3.51	3.63	3.92	4.17	4.27	4.24	3.95	3.68	3.19	3.37
Efficiency (%)	53.04	53.06	54.12	55.09	56.55	57.56	58.27	58.08	58.11	57.20	57.61	41.49	41.81
	14	15	16	17	18	19	20	21	22	23	24	25	26
	5250.0	5300.0	5350.0	5400.0	5450.0	5500.0	5550.0	5600.0	5650.0	5700.0	5750.0	5800.0	5850.0
	4.01	4.05	3.73	4.30	3.81	3.72	4.00	3.31	3.29	2.82	3.41	3.47	3.39
	43.09	43.46	40.10	42.74	40.75	41.30	42.53	39.25	39.17	37.35	38.67	38.67	39.93

ANT1

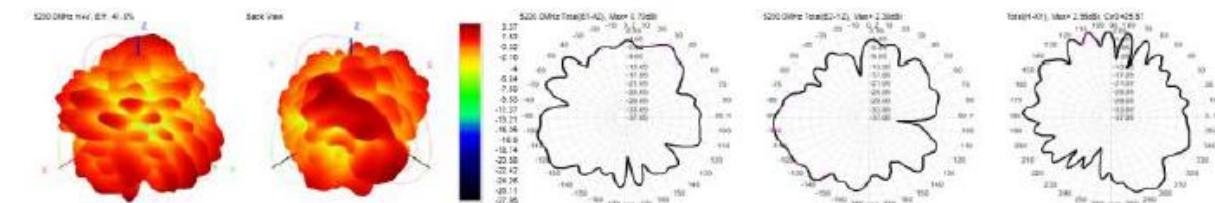
Frequency ID	1	2	3	4	5	6	7	8	9	10	11	12	13
Frequency (MHz)	2400.0	2410.0	2420.0	2430.0	2440.0	2450.0	2460.0	2470.0	2480.0	2490.0	2500.0	5150.0	5200.0
Gain (dBi)	2.88	2.83	2.89	3.02	3.22	3.30	3.33	3.27	3.26	3.32	3.28	2.31	2.20
Efficiency (%)	41.04	40.18	40.45	40.07	40.67	40.22	40.44	39.61	39.08	38.84	39.22	35.60	34.96
	14	15	16	17	18	19	20	21	22	23	24	25	26
	5250.0	5300.0	5350.0	5400.0	5450.0	5500.0	5550.0	5600.0	5650.0	5700.0	5750.0	5800.0	5850.0
	2.07	2.04	1.44	1.86	2.08	2.66	2.52	2.89	3.70	3.56	3.47	3.35	3.61
	36.08	36.14	34.02	36.22	34.93	33.60	34.01	31.99	34.14	34.51	35.24	34.11	33.02

ANT2

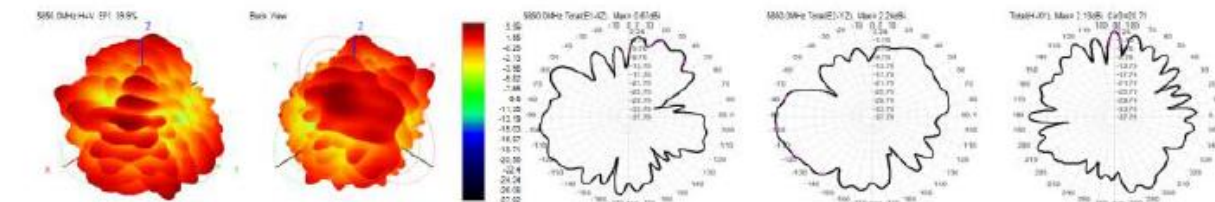
2440M



5200M

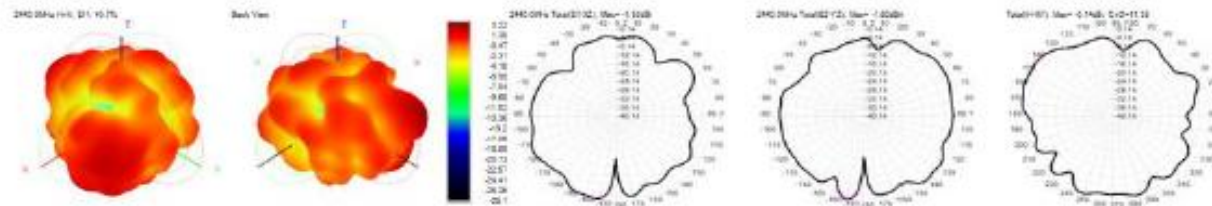


5850M

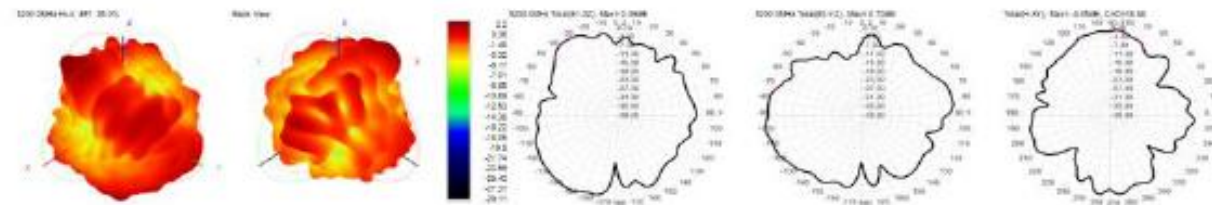


ANT1

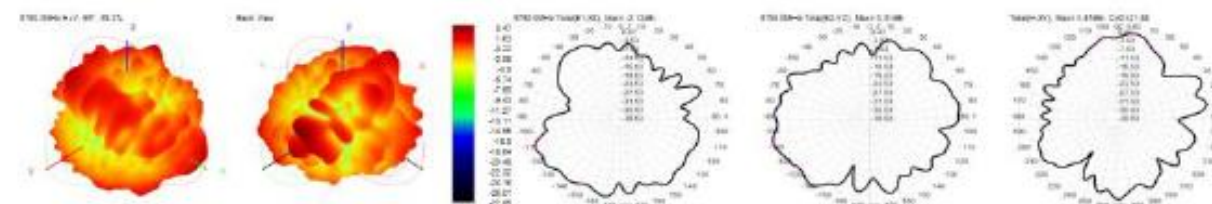
2440M



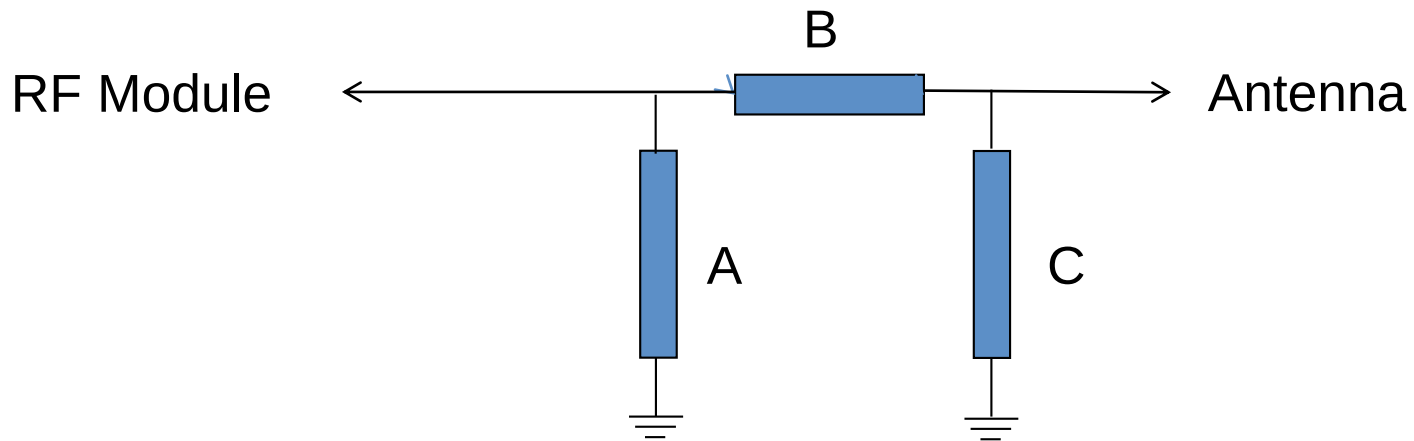
5200M



5750M



8. Match lines



Element	Value
A	NC
B	NC
C	NC

* The device is a module output, and the match is not modified

- 
1. The efficiency of passive antenna test is more than 30%.

