

SPECIFICATION

Ant. type(PIFA): YES

DATE: 20240227

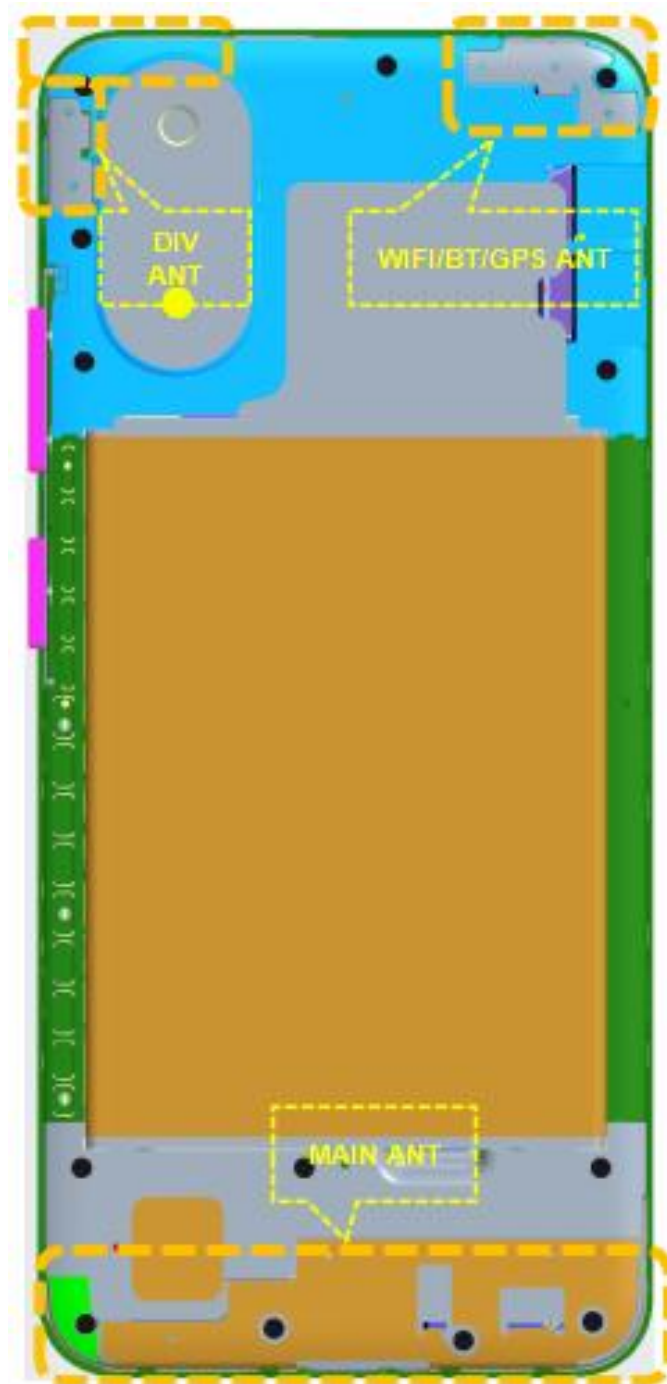
DATASHEET REVISION: V1.0

MANUFACTURE: innowave Communication Technology (ShenZhen) Co. Ltd

ADDRESS: 101, Building 7, Zijing Shuangchuang Park,Dalang Street,Longhua
District, Shenzhen

Test Engineer : Jiang Yichen

Antenna Placement



Summary table

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Test Setup	Test Environment, list of calibrated test equipment	6-8

Antenna Performance

GPS/WIFI/BT ANT (TX antenna)

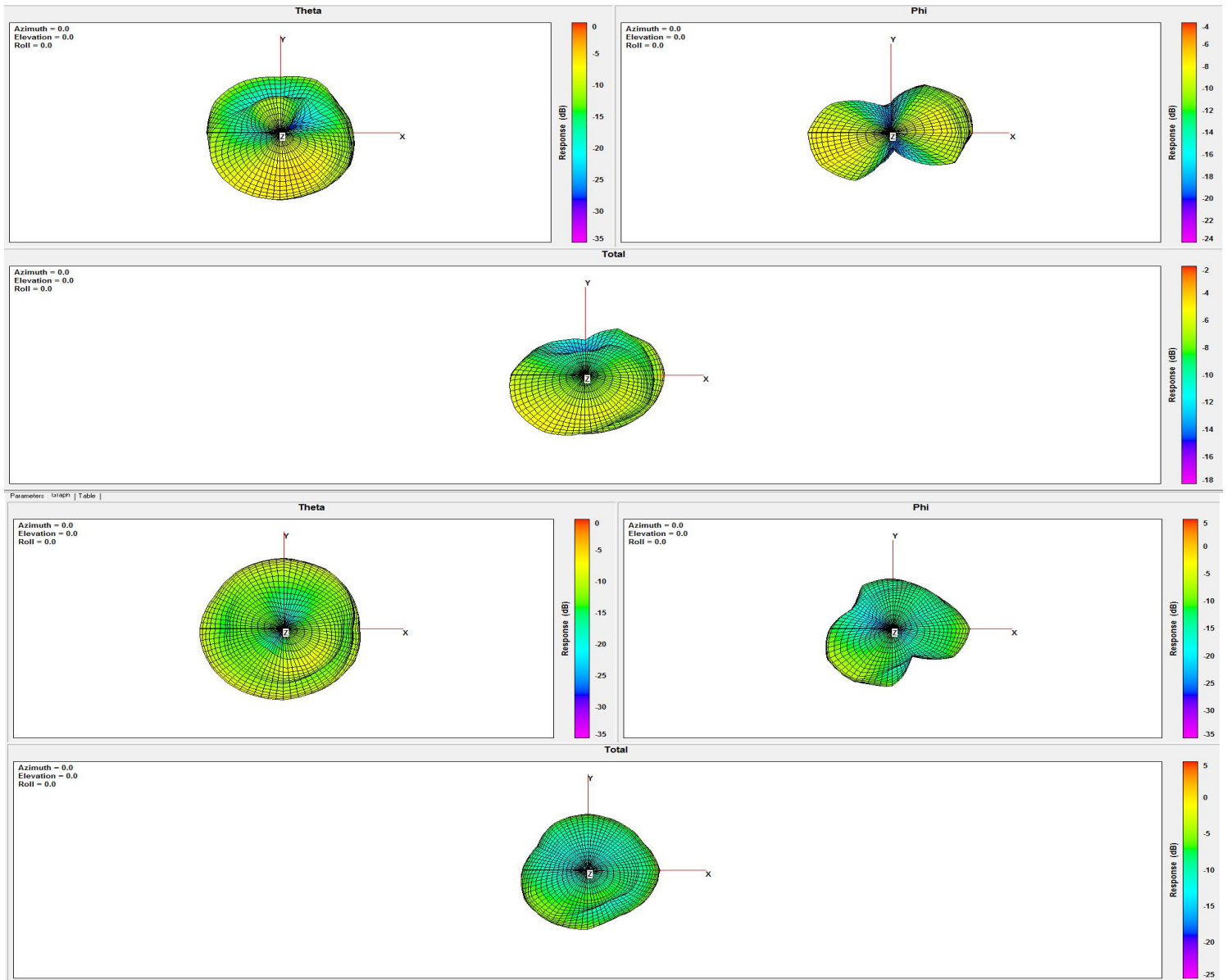
Description **Antenna Model name : RD992308NB87-3**

Frequency Range	1560-1600MHz; 2400-2500MHz;
Impedance	50Ω
Peak Gain	-0.8dBi
Admitted Power	N/A
Cable	N/A
Antenna Type	PIFA
Connector	N/A
Process	N/A

Antenna Efficiency(test in anechoic chamber)

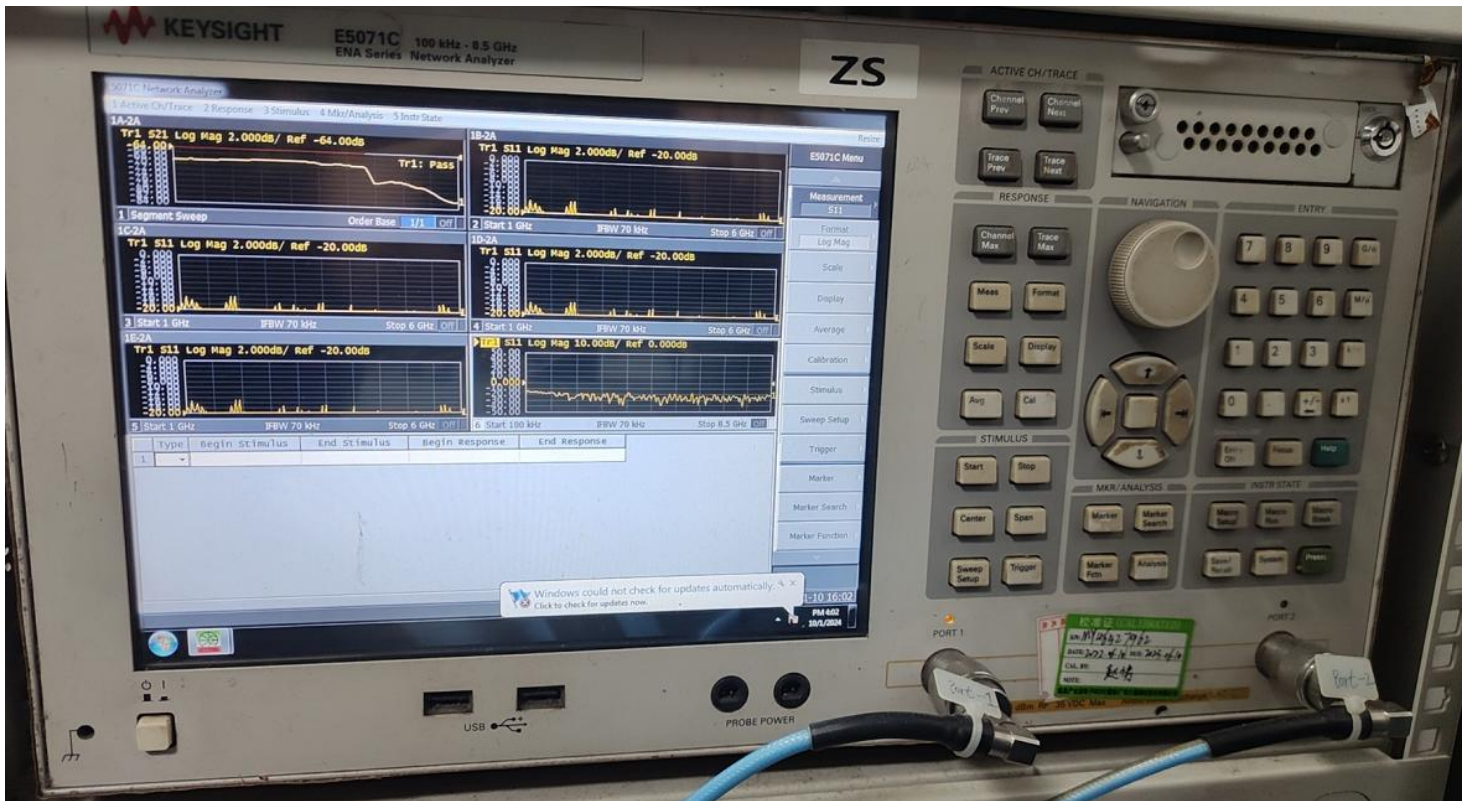
Freq(MHz)	Effi(dB)
1560	-4.5
1570	-4.3
1580	-4.4
1590	-4.4
1600	-4.5
2400	-4.4
2410	-4.5
2420	-4.4
2430	-4.3
2440	-4.2
2450	-4.2
2460	-4.3
2470	-4.5
2480	-4.6
2490	-4.7
2500	-4.7

Antenna 3D Radiation Pattern



Test setup

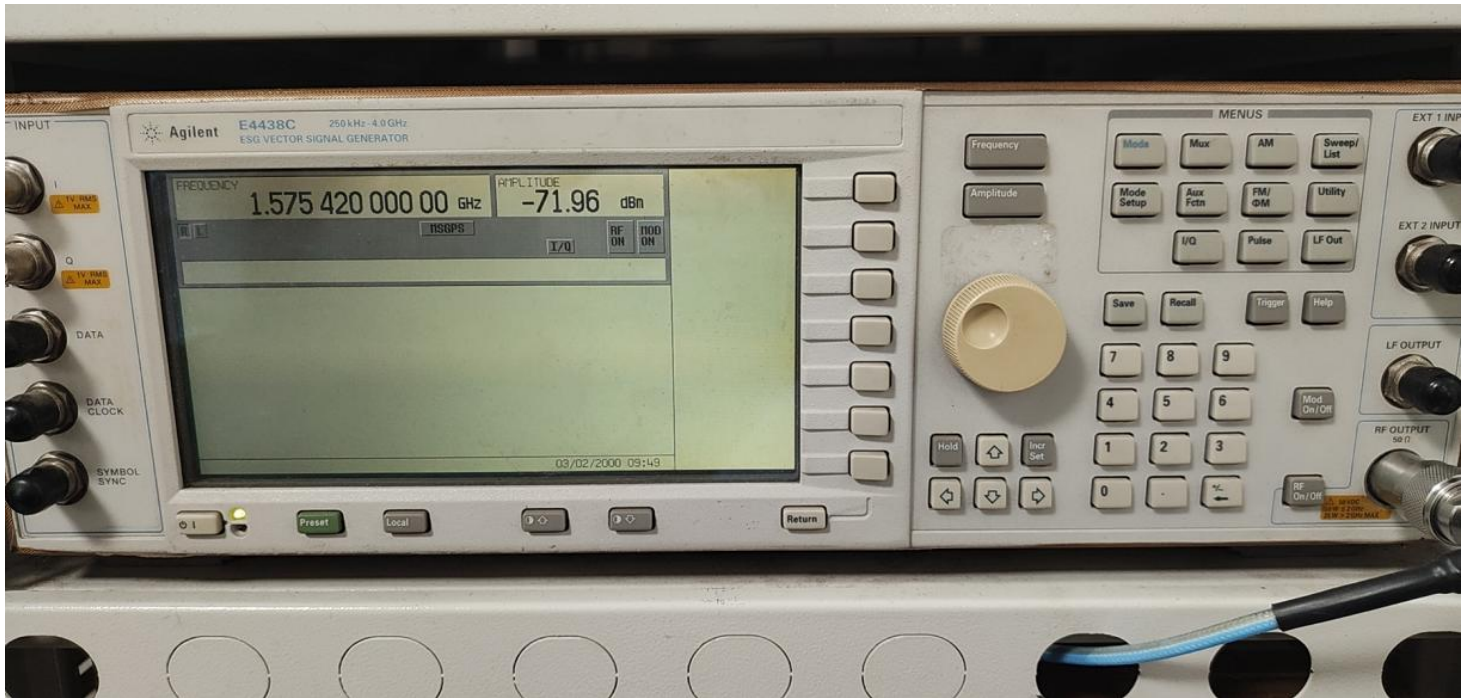
Test Environment, list of calibrated test equipment



KEYSIGHT E5071C ↑

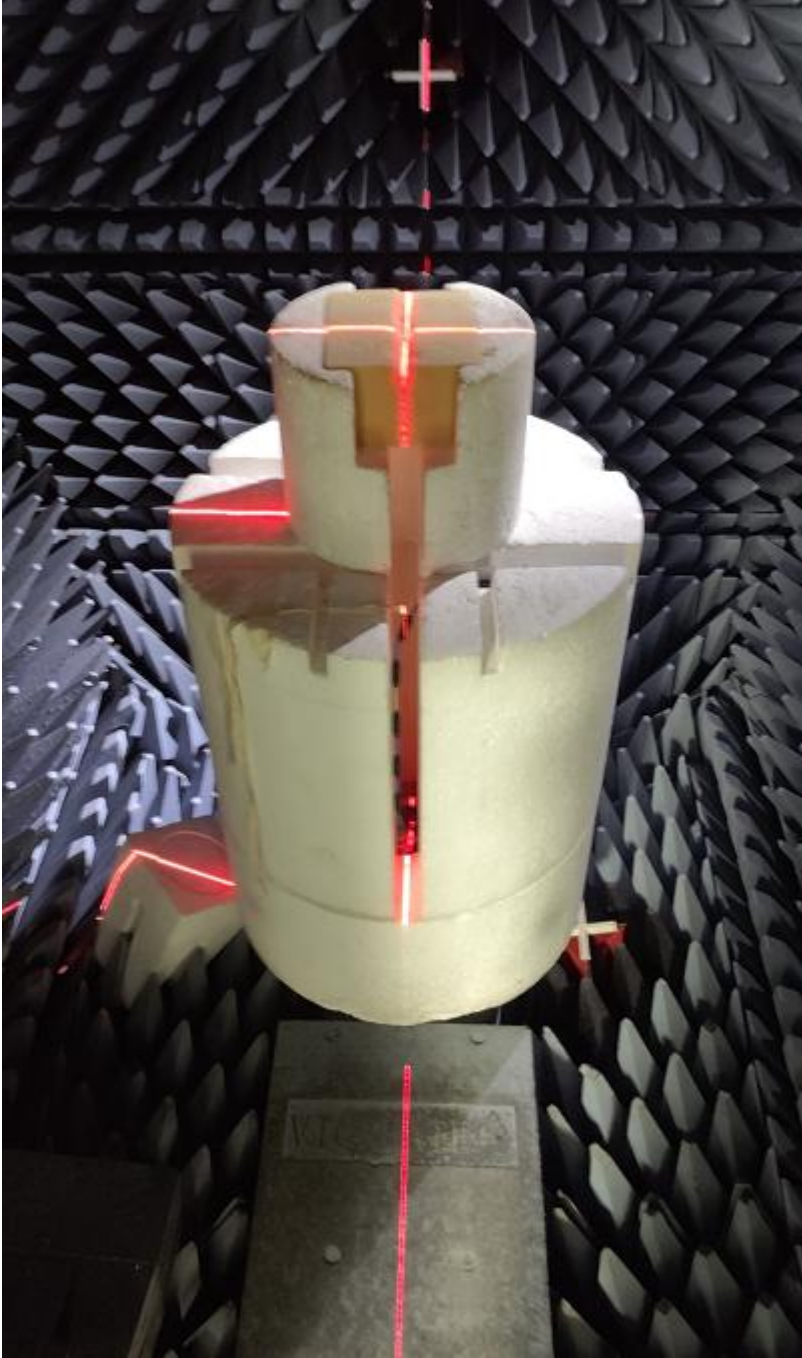


ROHDE&SCHWARZ CMW500 ↑



Agilent E4438C ↑





GTS2800 ↑

Calibration Date : 20240227