

D01发射器 天线测试报告

客 户：深圳市渐童科技公司

项目型号：D01耳机

工 程：江总

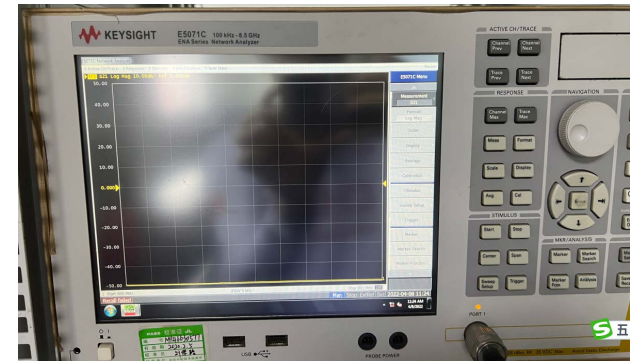
日 期：2026-1-7

报告目录

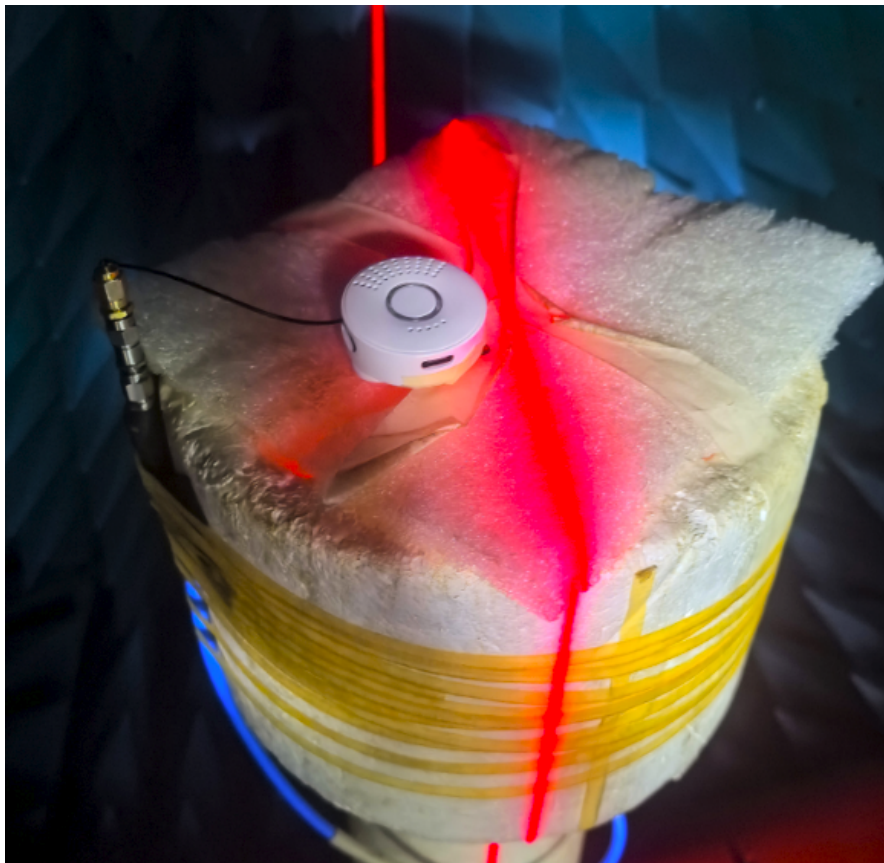
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- 微波暗室测试天线效率场型

设备

. 网络分析仪(Agilent E5071C), 微波暗室, CMW500

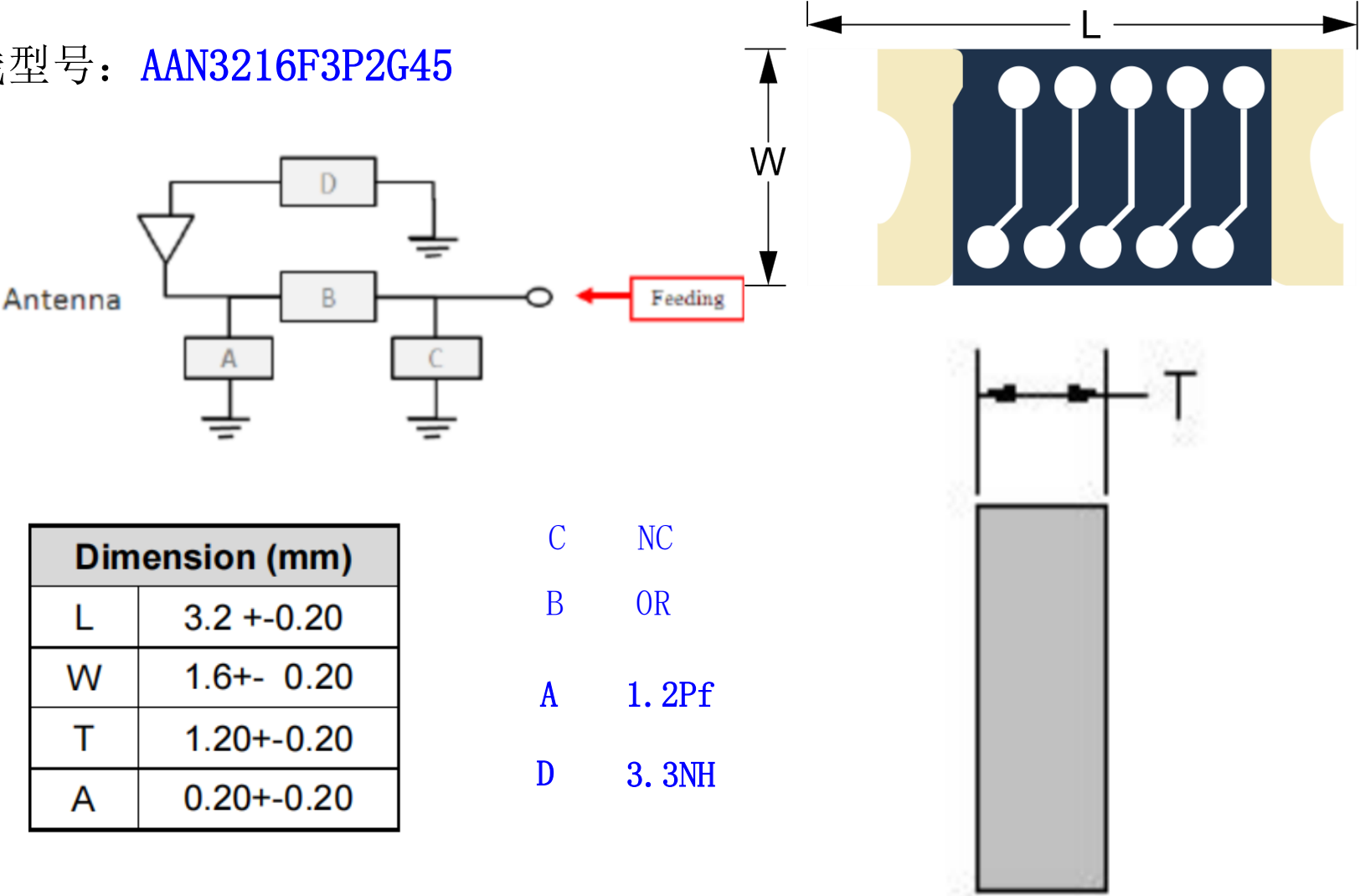


样机外观



匹配参数

天线型号: AAN3216F3P2G45

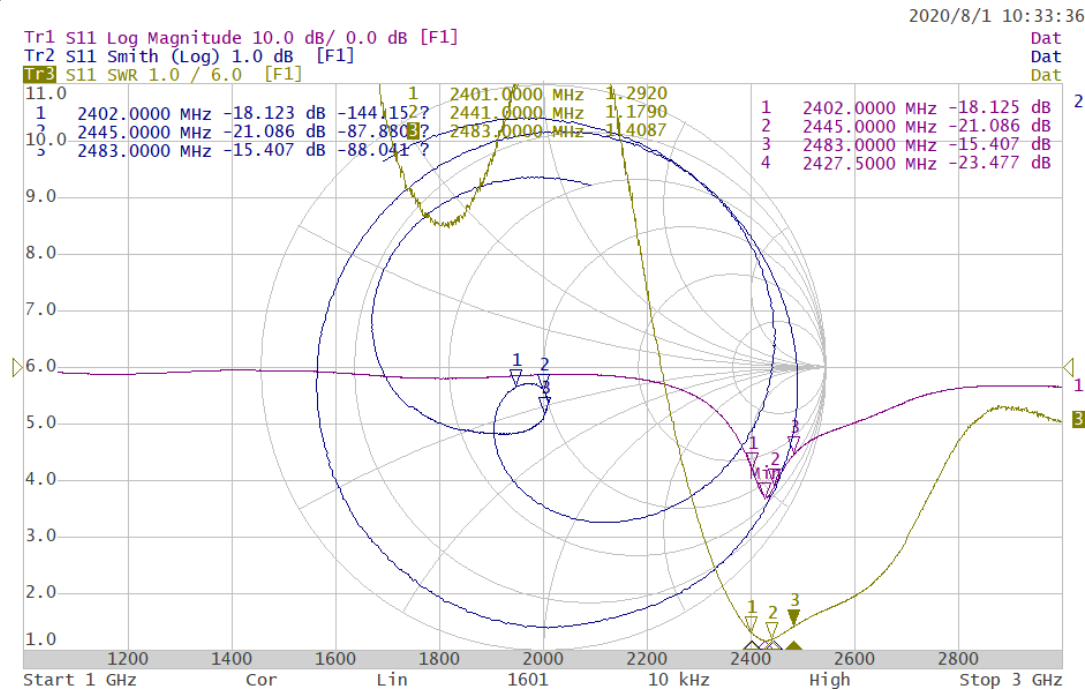


Dimension (mm)	
L	3.2 +/-0.20
W	1.6+/- 0.20
T	1.20+/-0.20
A	0.20+/-0.20

- C NC
- B 0R
- A 1.2Pf
- D 3.3NH

天线调试

S11 VSWR:



频率	2402	2445	2483
S11	-18.123	-21.086	-15.407
VSWR	1.2920	1.1790	1.4087

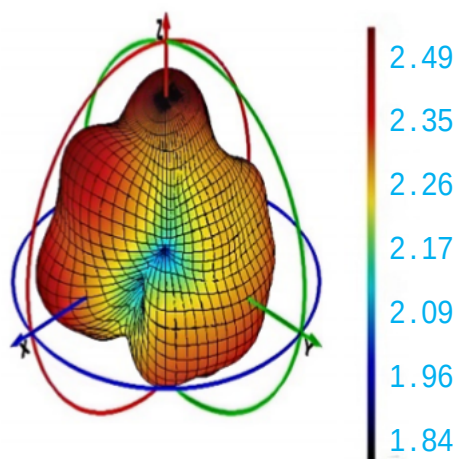
OTA测试数据

OTA数据:

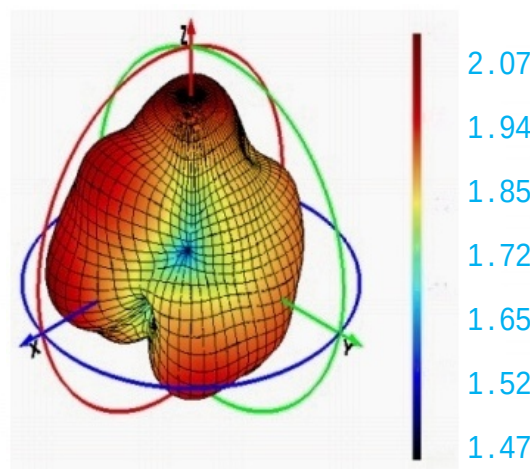
Freq (MHz)	Gain (DBi)	Effciency (DB)	Effciency (%)
2400	2.49	6.82	20.8
2410	2.56	6.8	20.88
2420	1.71	6.36	23.11
2430	1.53	6.32	23.32
2440	2.07	6.3	23.44
2450	1.39	6.19	24.04
2460	1.22	6.28	23.53
2470	1.35	6.3	23.47
2480	0.88	6.35	23.19
2490	1.21	6.95	20.17
2500	1.05	6.95	20.2

OTA测试数据

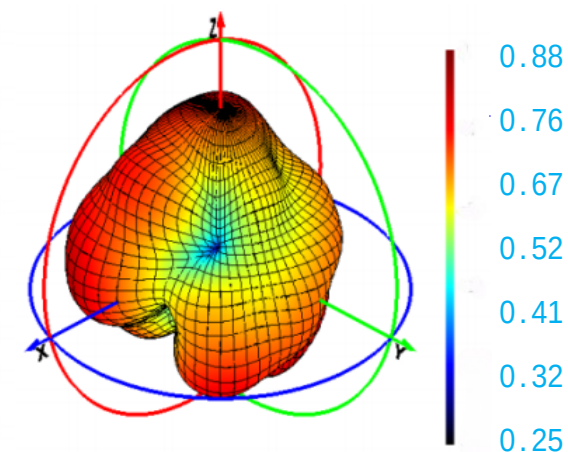
3D数据:



2400



2440



2480

Thanks for Your Attention