

Antena Test Report



顺达成科技

专业的4G/3G/GPS/WIFI等天线方案设计及供应商



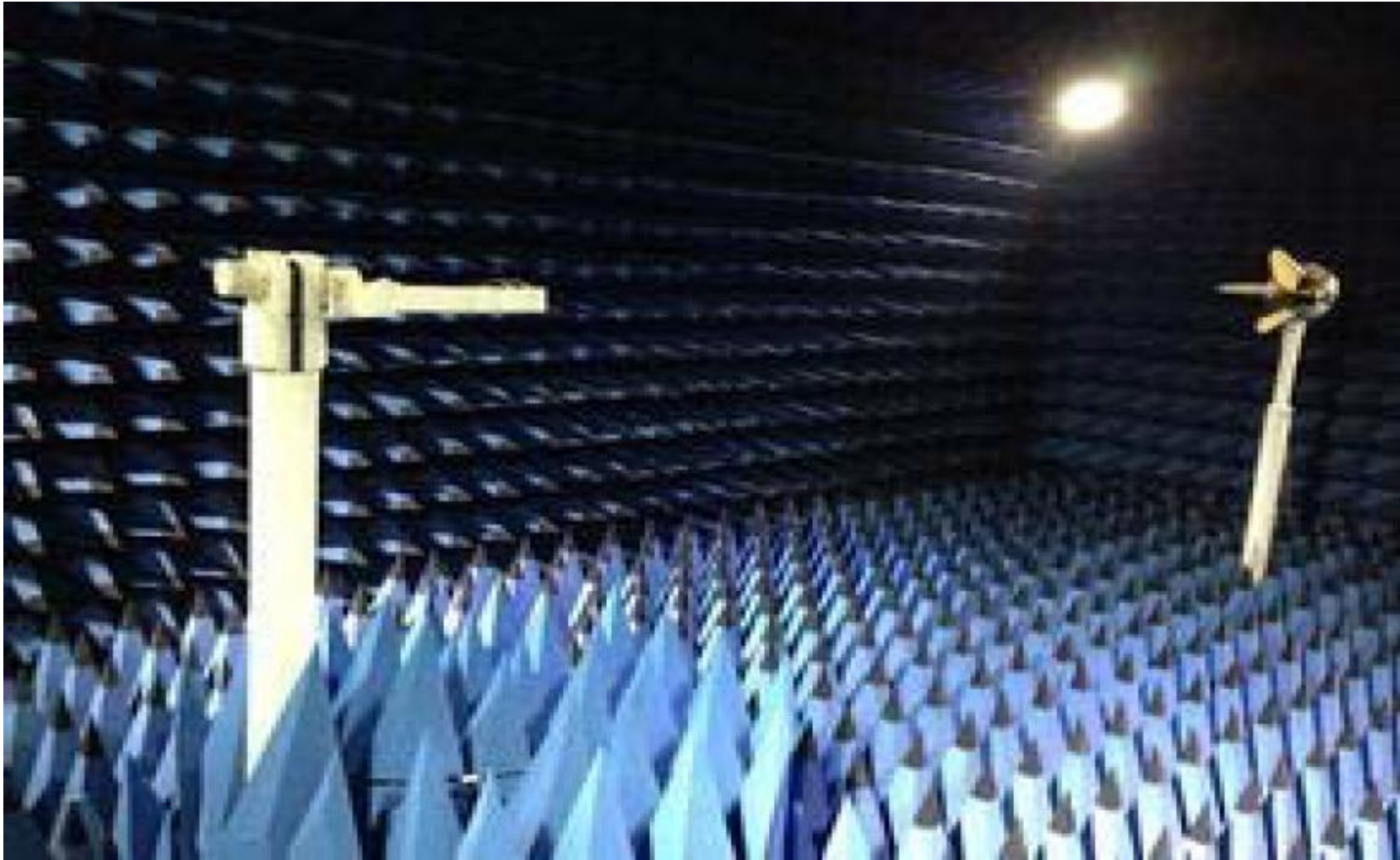
客户名称：德本频

项目名称：

段：2.4G

版本：A

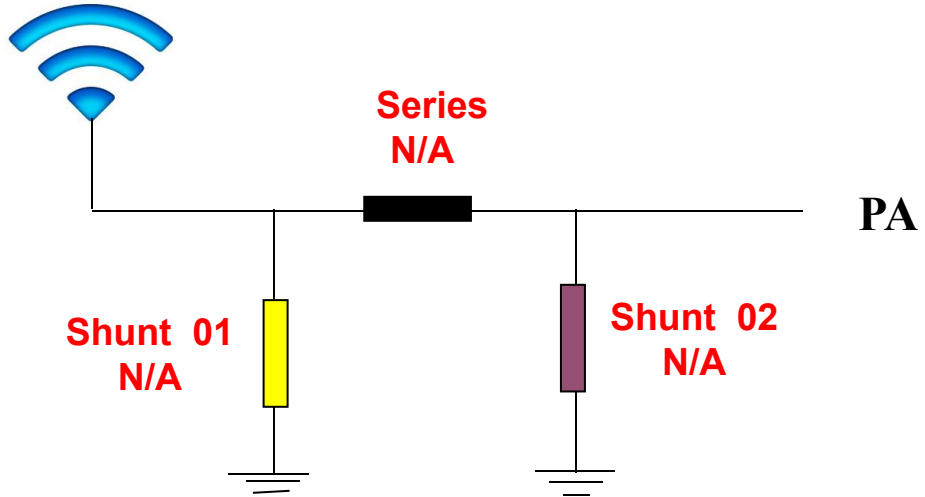
制作日期：2022-8-5



Contents

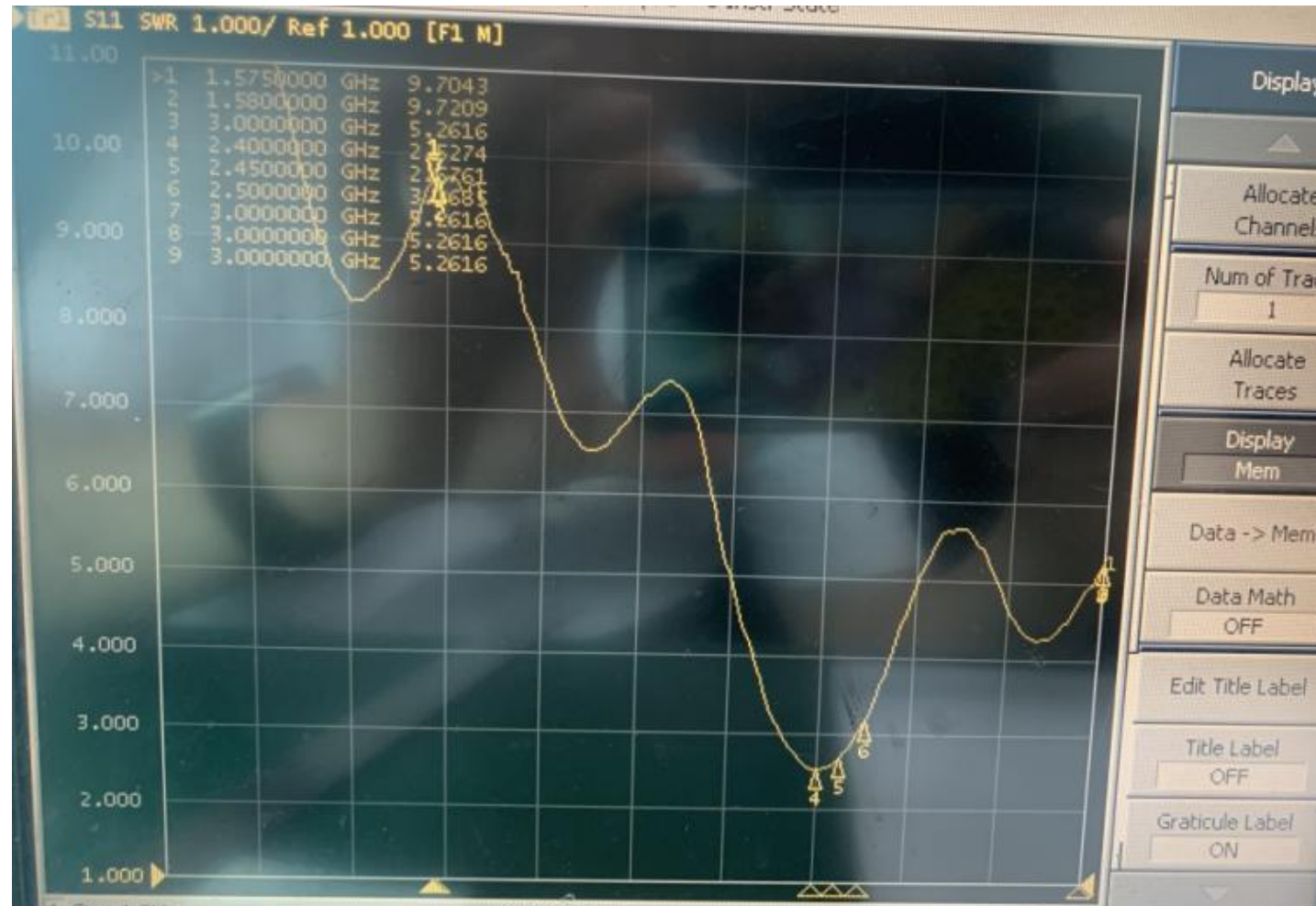
- 1: Antenna Overview & Dimension
- 2: The test project
 - 2.1 Antenna Matching Network
 - 2.2 VSWR
 - 2.3 Gain & Efficiency
 - 2.4 3D Date
 - 2.5 The Free Space 3D Date/The Free Space 2D Date
- 3 : Ground processing

Antenna



Location	Description
Shunt 01	N/A
Series	N/A
Shunt 02	N/A

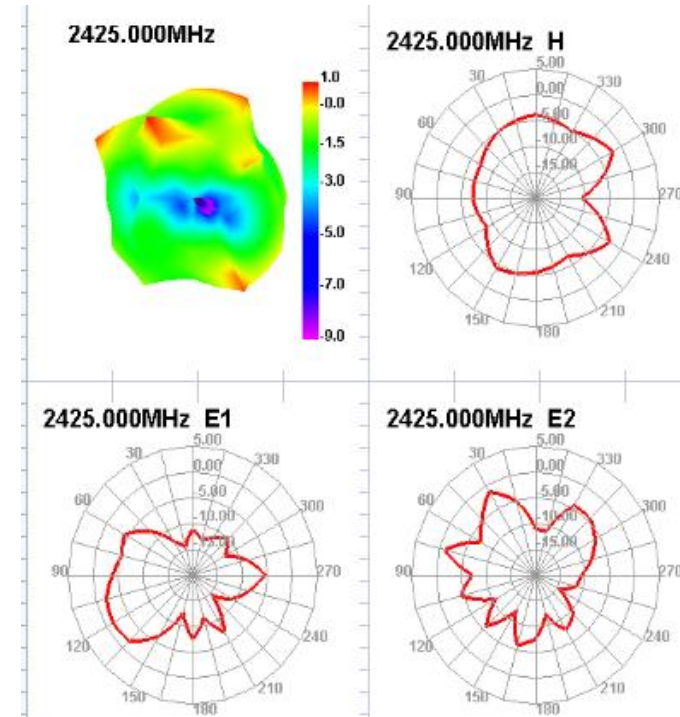
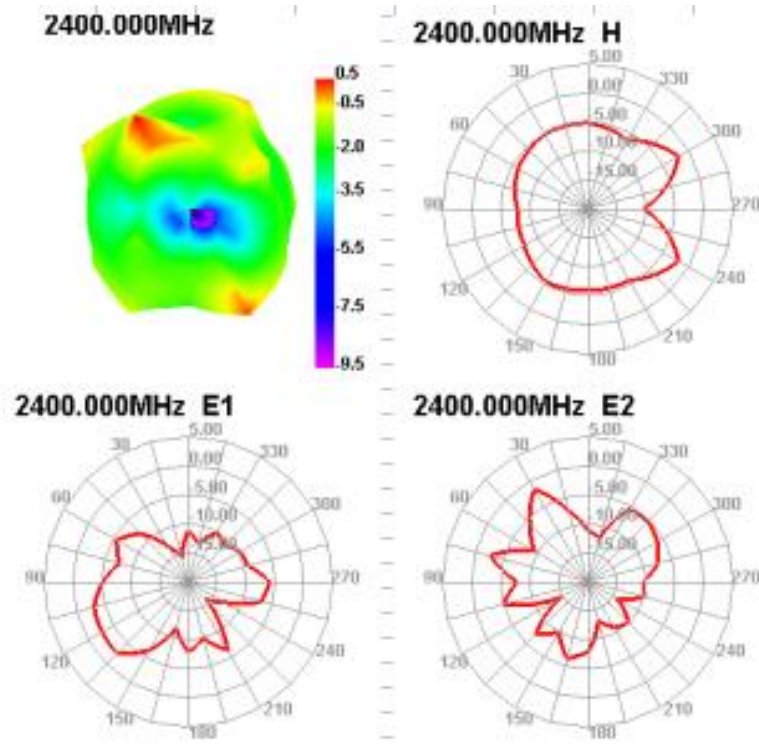
S11 Parameter-VSWR



Frequency(MHz)	2400	2450	2500
VSWR	2.52	2.72	3.16

Gain & Efficiency

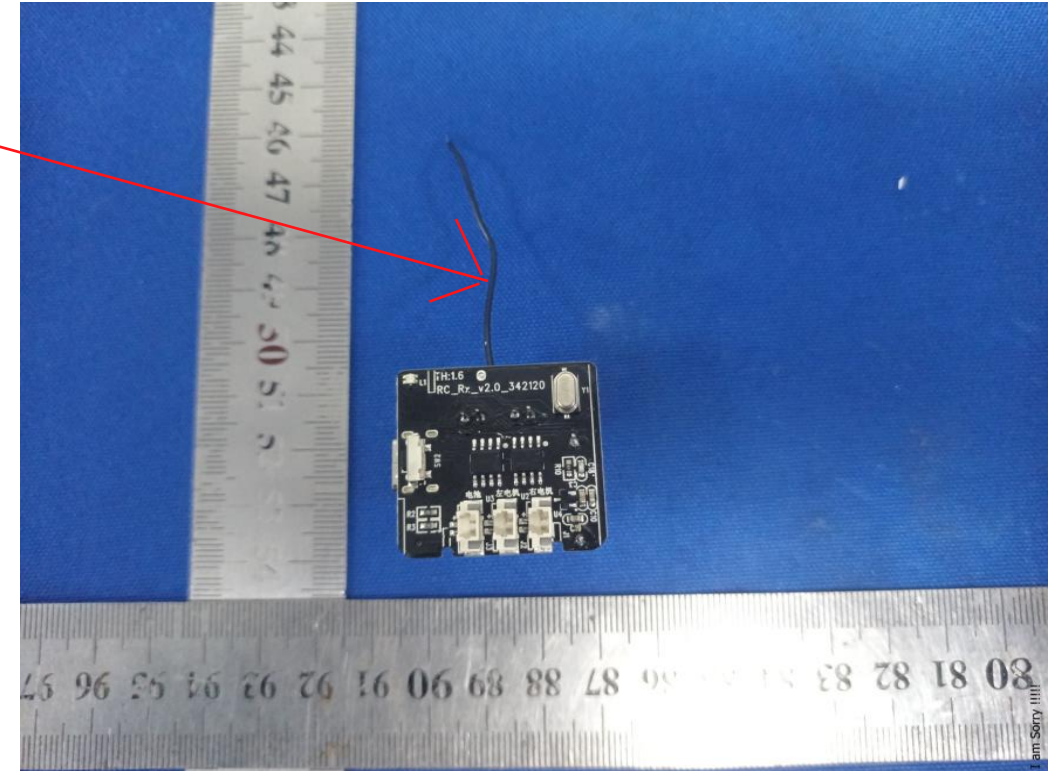
Passive Test For 2.4G												
Freq (MHz)	Effi (%)	Effi (dB)	Gain (dBi)	Gain (dBd)	UHS (%)	DHS (%)	Max (dB)	Min (dB)	irectivity (dBi)	Beamwidth (3dB)	AttH (dB)	AttV (dB)
2400	27.28	-5.64	0.52	-1.63	16.498	10.777	0.52	-29.04	5.64	45	48.23	48.39
2425	30.45	-5.16	0.99	-1.16	19.012	11.435	0.99	-26.89	5.16	45	48.32	48.45
2450	35.1	-4.55	1.86	-0.29	21.28	13.822	1.86	-20.64	4.55	45	48.74	48.76
2475	26.84	-5.71	0.72	-1.43	15.421	11.415	0.72	-25.4	5.71	45	49.07	49
2500	25.22	-5.98	0.76	-1.39	14.262	10.962	0.76	-25.89	5.98	75	49.2	49.11



Product Picture



顺达成科技





Shenzhen Shundacheng Technology Co., Ltd

4th Floor, Building B5, Xinfu Industrial Park, Chongqing Road, Heping Community, Fuhai Street, Bao'an District, Shenzhen, China

Phone: +86-13798368609

E-Mail: shundacheng168@163.com

Website: www.antenna-sdc.com

Thanks