

Antenna Test Report

Project Name : S400

Part No.:

Write By: damoncui

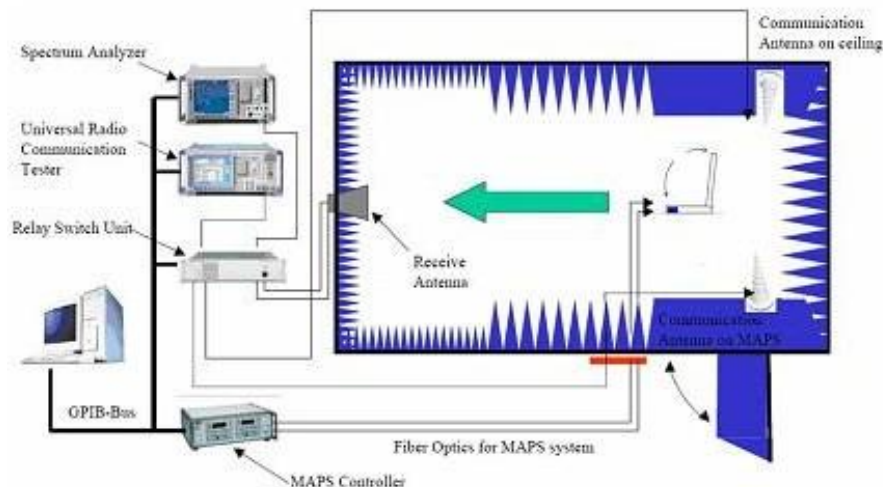
Date: 2023-10-11

Ver: 1.0

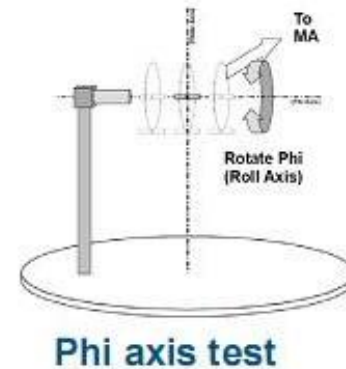
Test conditions

Test Equipment:

Agilent 5071B, Agilent E5515C



(Testing by 3D anechoic chamber)

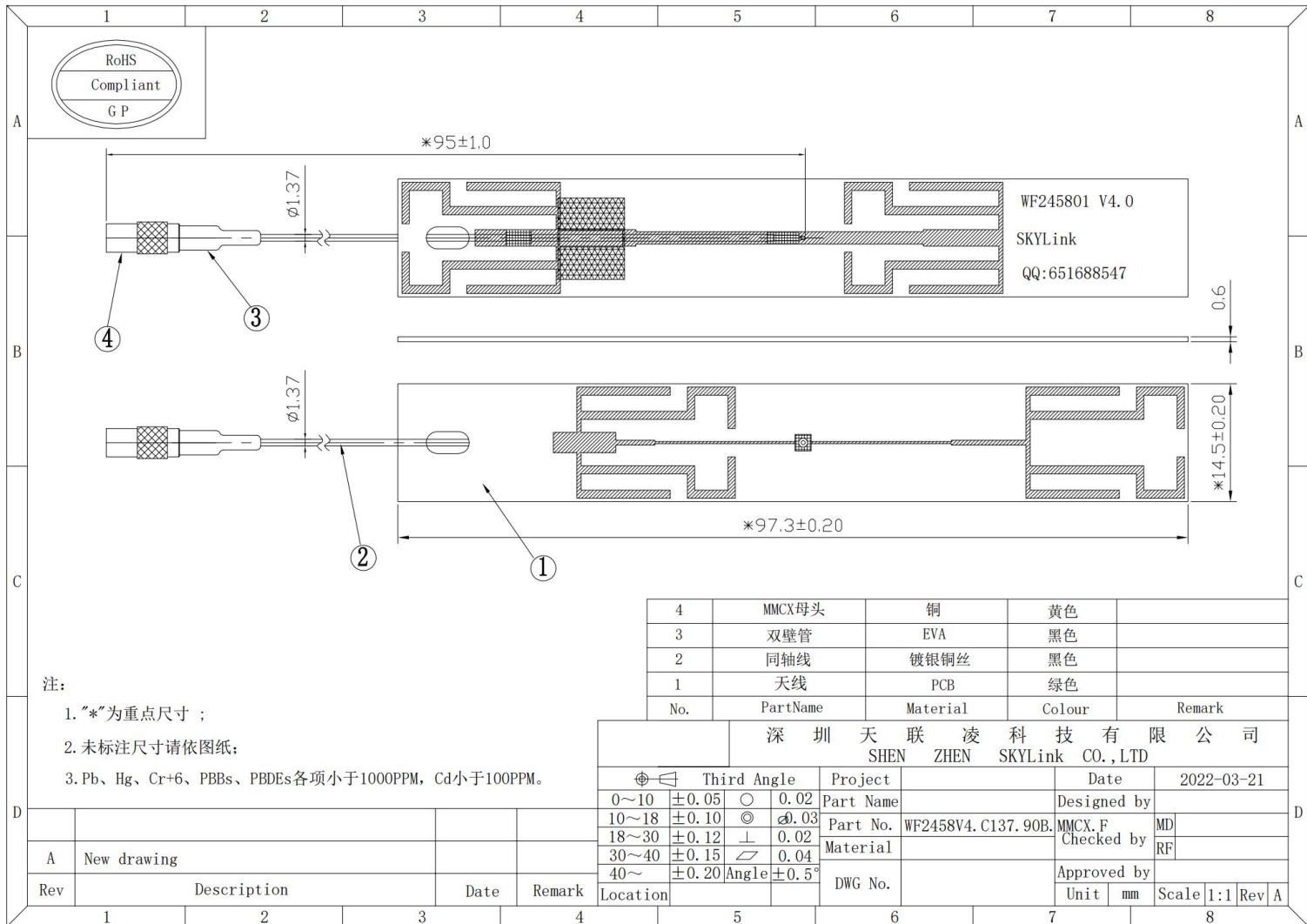


Specification Summary

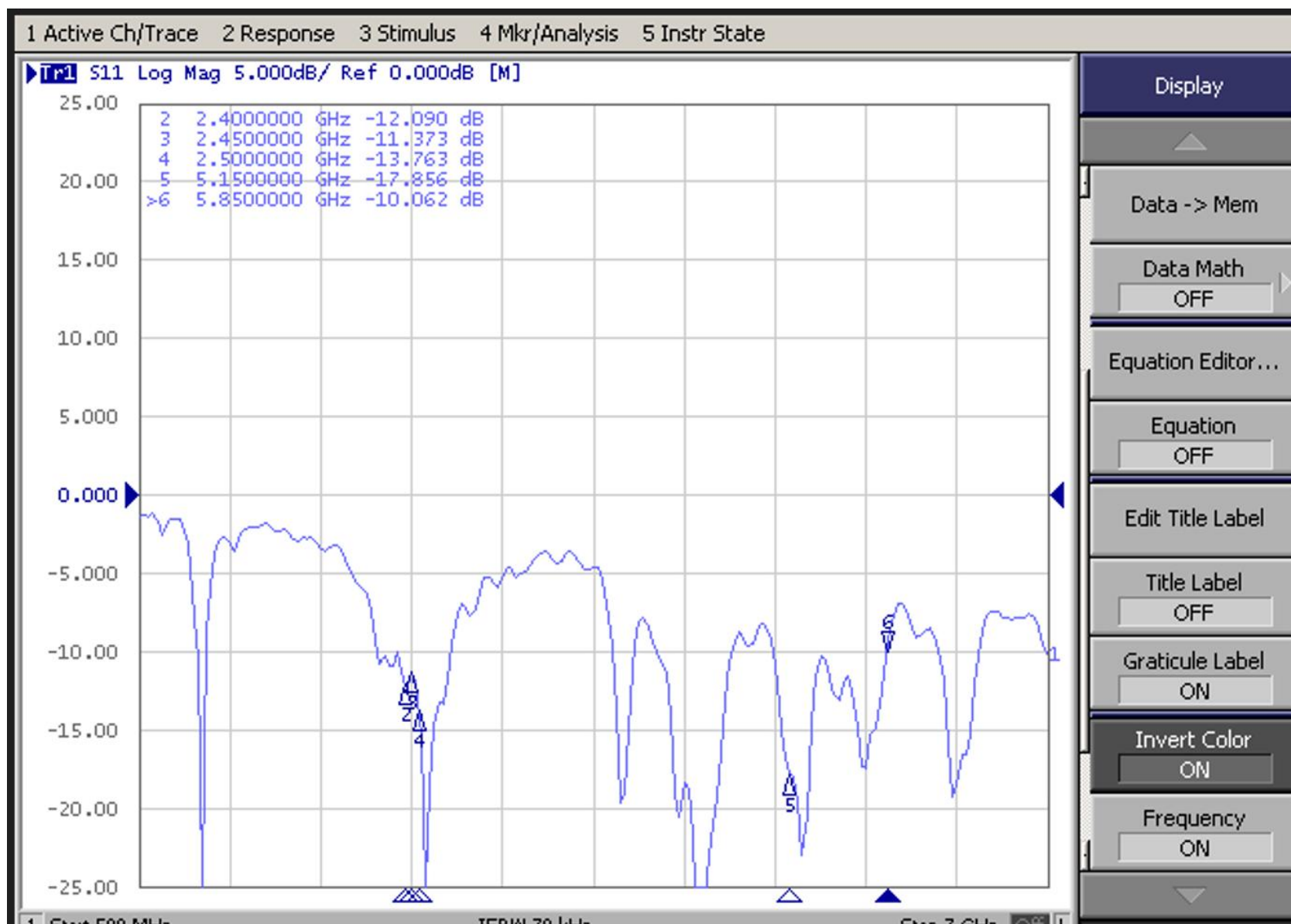
Electronical Data	
Frequency Range	2400~2500 MHz / 5150~5850MHZ
VSWR	<3
Efficiency	>50%
Impedance	50 Ohm
Polarization	Line
Antenna Type	Monopole

Antenna Drawing

由 Autodesk 教育版产品制作



S11



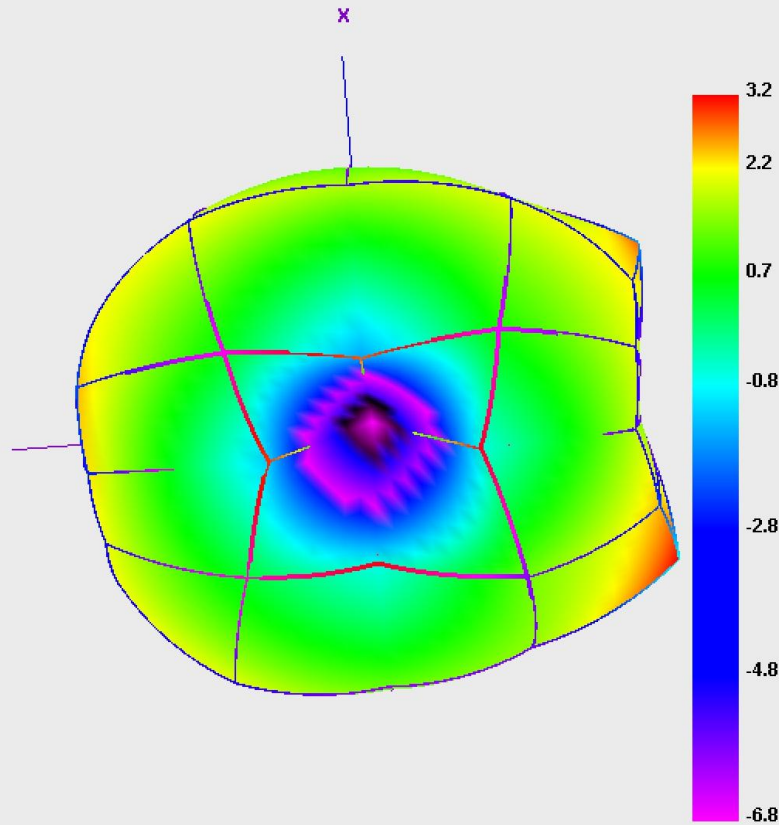
Efficiency&Gain

Freq (MHz)	Effi (%)	Gain (dBi)
2400	62.8	3.27
2410	60.94	3.23
2420	61.36	3.44
2430	60.79	3.58
2440	58.65	3.55
2450	53.39	3.18
2460	53.14	3.17
2470	52.15	3.11
2480	52.38	3.19
2490	54.24	3.35
2500	53.04	3.43

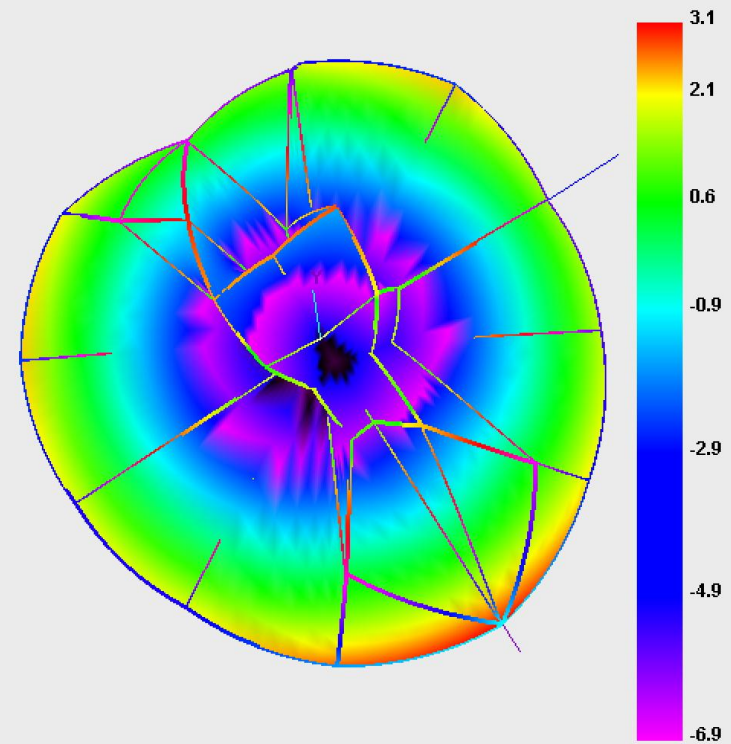
Freq (MHz)	Effi (%)	Gain (dBi)
5000	36.79	2.57
5100	42.85	3.94
5200	38.63	3.2
5300	38.52	3.13
5400	43	3.69
5500	40.58	3.61
5600	39.79	3.89
5700	36.88	3.58
5800	33.18	2.75
5900	31.97	3.61

Radiation Pattern

2450.000MHz



5500.000MHz





THANK
YOU