

ART SIGNAL

ANTENNA TOTAL SOLUTION

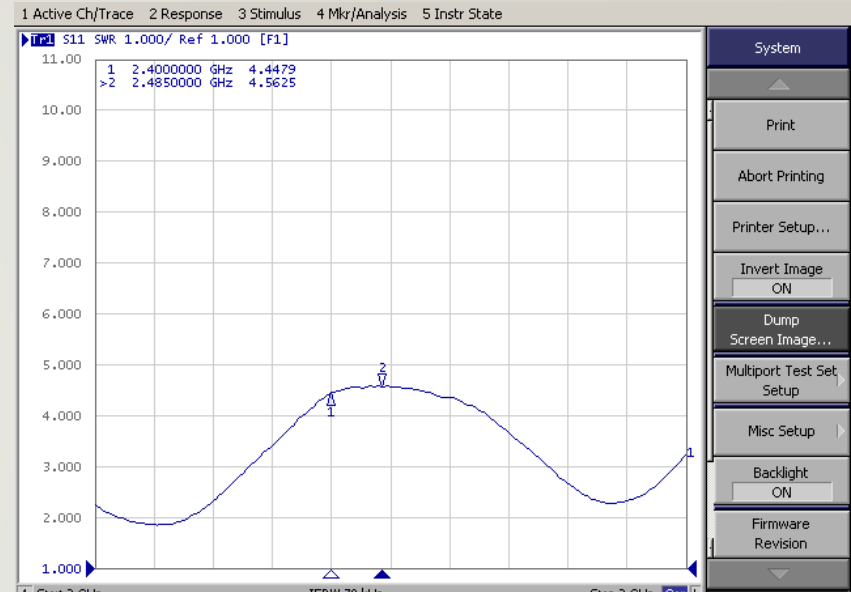


Solu-M NEWTON 1.6INCH#4 2.4G ANT DATA - Network & 3D gain

Picture



VSWR

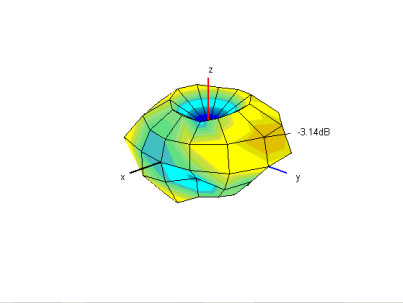
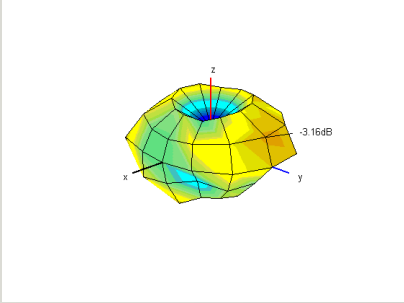
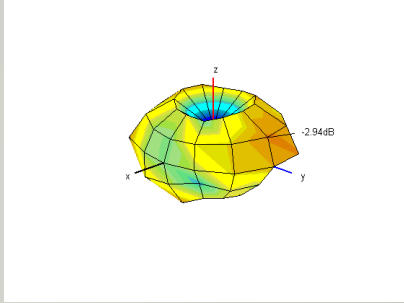
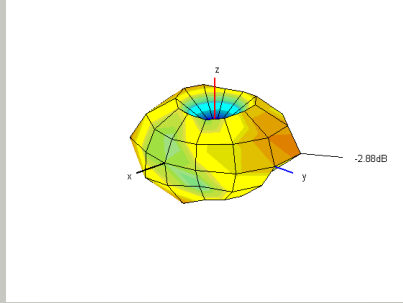
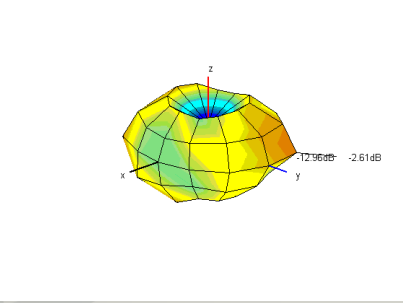


3D gain

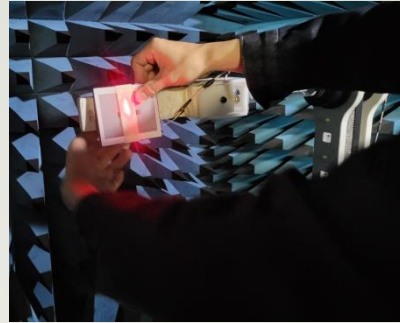
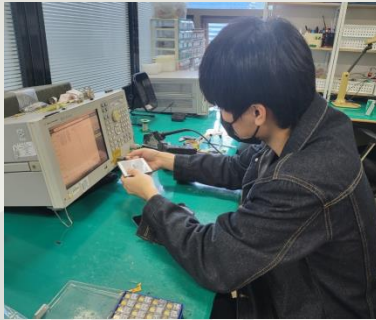
	1	2	3	4	5
Frequency [MHz]	2400	2420	2440	2460	2485
Efficiency [dB]	-6.16	-5.79	-5.16	-5.53	-5.69
Efficiency [%]	24.2	26.4	30.5	28.0	27.0
Peak Gain [dB]	-3.03	-2.76	-2.16	-2.48	-2.65
Directivity [dB]	3.13	3.03	3.00	3.05	3.04
Minimum Gain [dB]	-16.98	-16.27	-15.26	-15.66	-15.55

2.4G ANT DATA – 3D Radiation Pattern

3D Radiation Pattern

2400	2420	2440	2460
			
2485			
			

Measurement procedure 1. Network Analyzer → VSWR measurement → 3D Gain Test measurement



Measuring equipment 2.



E5071B Agilent



8753ES Agilent



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