

ART SIGNAL

ANTENNA TOTAL SOLUTION



| **2.4G Antenna Test Data**

Solu-M 2.6 Inch Tag #1 ANT Test Data - Network & 3D gain & 3D Radiation Pattern

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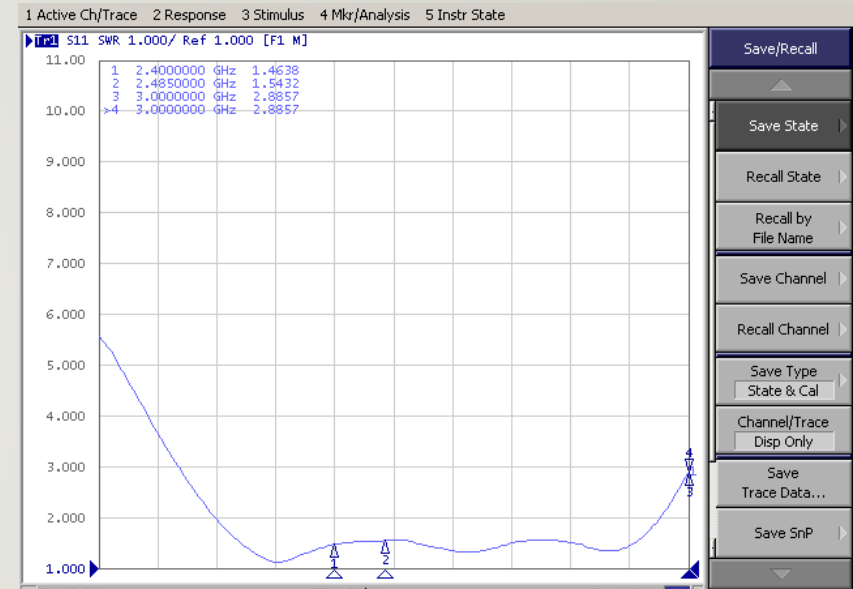
A N T E N N A T O T A L S O L U T I O N

Solu-M Newton TEMP Tag #1 TEST DATA

Picture



VSWR

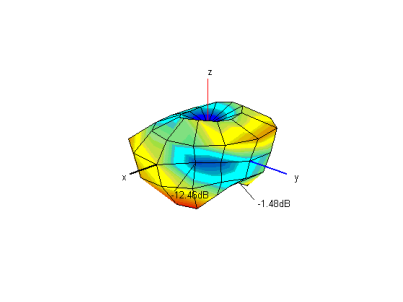
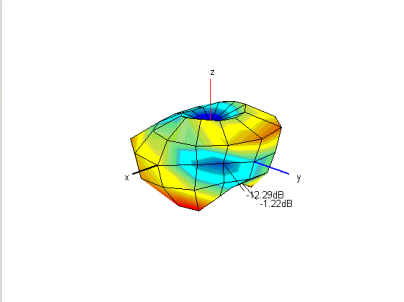
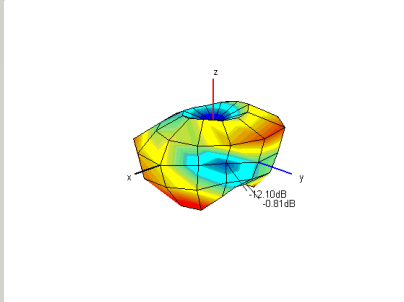
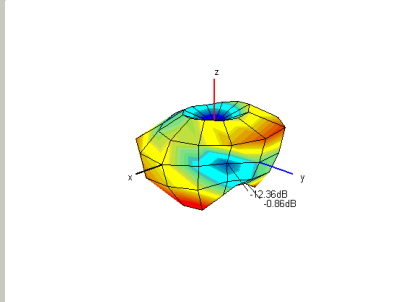
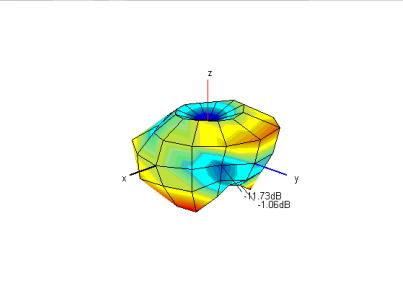


3D gain

	1	2	3	4	5
Frequency [MHz]	2400	2420	2440	2460	2485
Efficiency [dB]	-6.17	-5.96	-5.70	-5.87	-6.35
Efficiency [%]	24.2	25.3	26.9	25.9	23.2
Peak Gain [dB]	-1.48	-1.22	-0.81	-0.86	-1.06
Directivity [dB]	4.69	4.74	4.90	5.02	5.29
Minimum Gain [dB]	-12.46	-12.29	-12.10	-12.36	-11.73

2.4G ANT DATA – 3D Radiation Pattern

3D Radiation Pattern

2400	2420	2440	2460
			
2485			
			

Measurement Equipment

Network Analyzer



E5071B (Agilent)



8753ES (Agilent)



**CTIA 3D OTA
Chamber(A+Tech)**