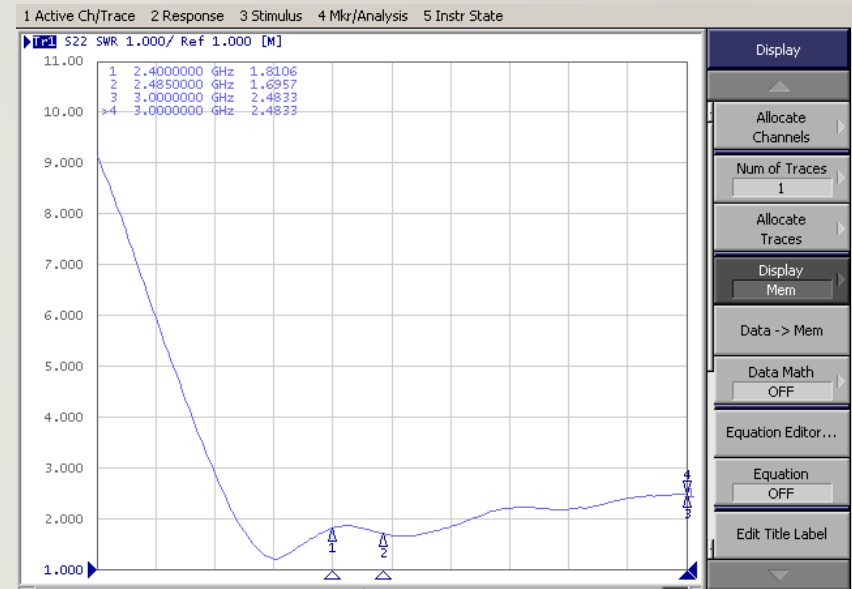


Solu-M Newton-S 1.6"-V #1 TEST DATA

Picture



VSWR

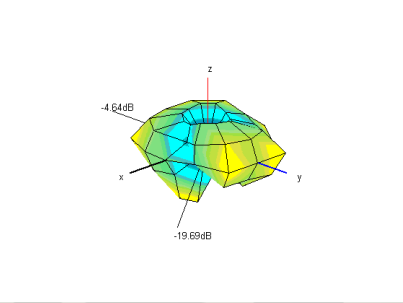
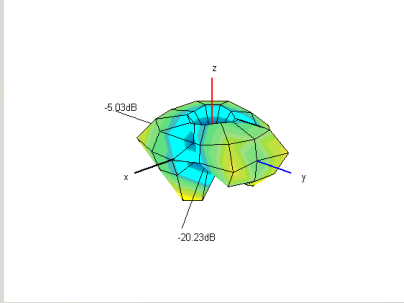
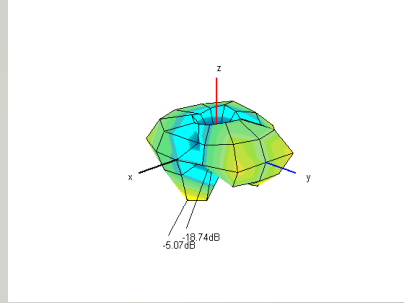
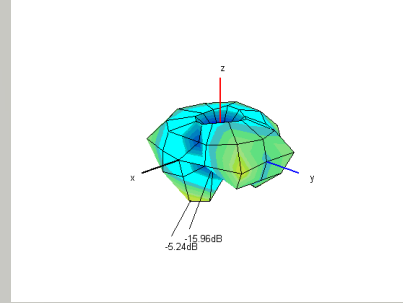
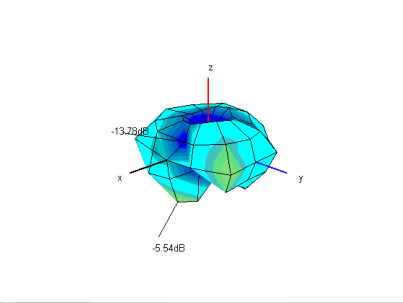


3D gain

	1	2	3	4	5
Frequency [MHz]	2400	2420	2440	2460	2485
Efficiency [dB]	-7.62	-7.97	-8.06	-8.41	-8.71
Efficiency [%]	17.3	16.0	15.6	14.4	13.5
Peak Gain [dB]	-4.64	-5.03	-5.07	-5.24	-5.54
Directivity [dB]	2.98	2.94	2.99	3.17	3.17
Minimum Gain [dB]	-19.69	-20.23	-18.74	-15.96	-13.78

2.4G ANT DATA – 3D Radiation Pattern

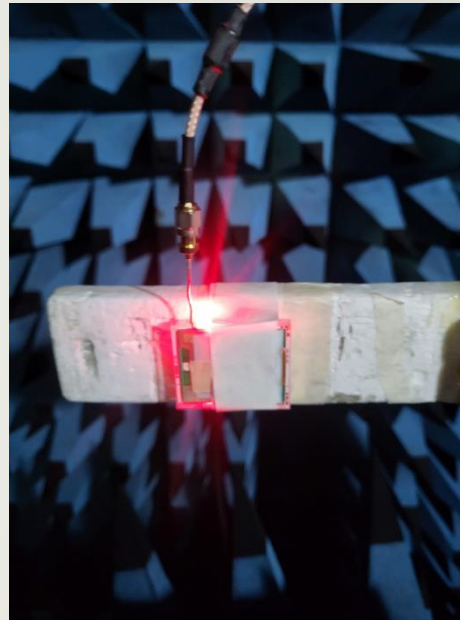
3D Radiation Pattern

2400	2420	2440	2460
 3D Radiation Pattern for 2400 MHz. The plot shows a main lobe with a peak gain of -4.64 dB and a side lobe level of -19.69 dB. The x, y, and z axes are indicated.	 3D Radiation Pattern for 2420 MHz. The plot shows a main lobe with a peak gain of -5.03 dB and a side lobe level of -20.23 dB. The x, y, and z axes are indicated.	 3D Radiation Pattern for 2440 MHz. The plot shows a main lobe with a peak gain of -5.07 dB and a side lobe level of -18.74 dB. The x, y, and z axes are indicated.	 3D Radiation Pattern for 2460 MHz. The plot shows a main lobe with a peak gain of -5.24 dB and a side lobe level of -15.96 dB. The x, y, and z axes are indicated.
2485			
 3D Radiation Pattern for 2485 MHz. The plot shows a main lobe with a peak gain of -13.28 dB and a side lobe level of -5.54 dB. The x, y, and z axes are indicated.			

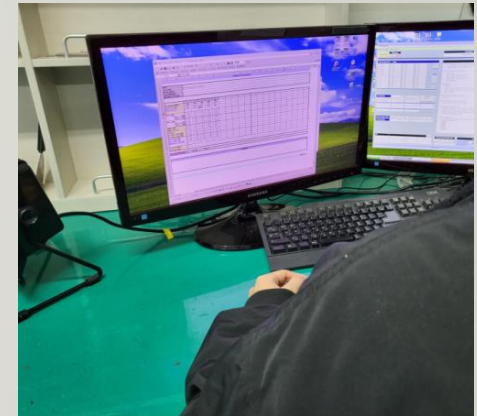
Measurement Procedure



Network Analyzer을
이용하여 VSWR 측정



3D Chamber에 Set 거치



Program을 이용하여
Gain 측정

Measurement Equipment

Network Analyzer



E5071B (Agilent)



8753ES (Agilent)



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