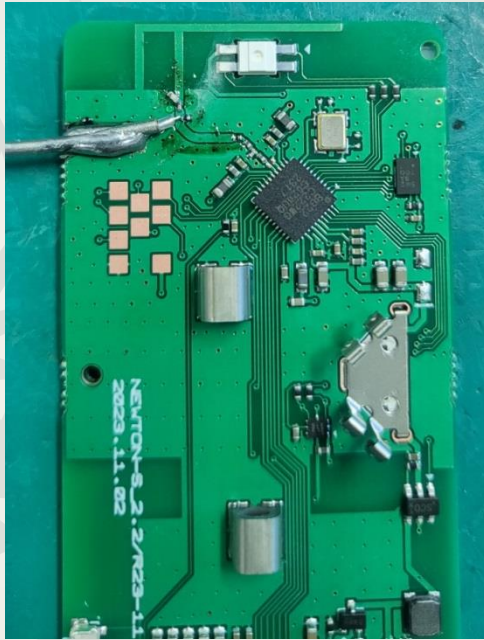
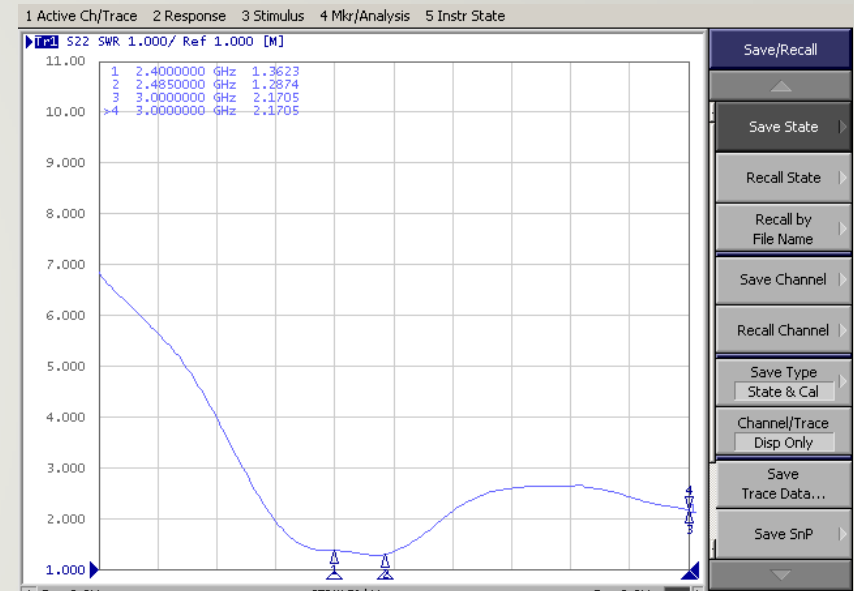


Solu-M Newton-S 2.2 #3 TEST DATA

Picture



VSWR

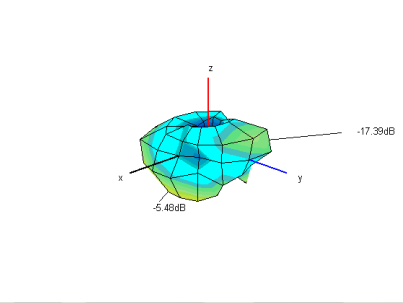
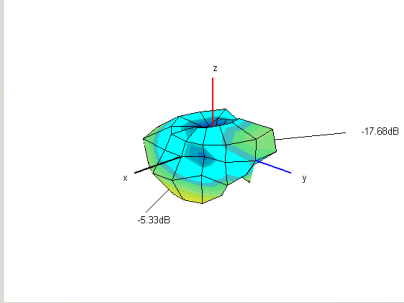
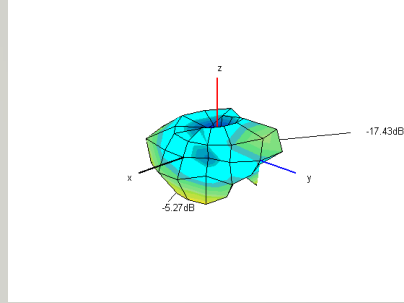
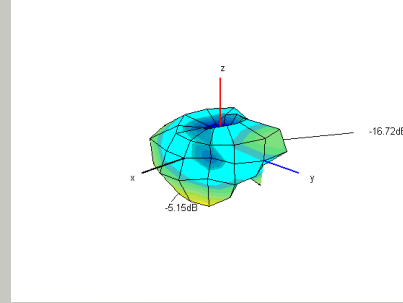
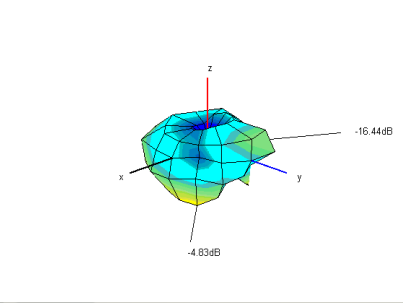


3D gain

	1	2	3	4	5
Frequency [MHz]	2400	2420	2440	2460	2485
Efficiency [dB]	-9.60	-9.59	-9.46	-9.34	-9.44
Efficiency [%]	11.0	11.0	11.3	11.6	11.4
Peak Gain [dB]	-5.48	-5.33	-5.27	-5.15	-4.83
Directivity [dB]	4.12	4.26	4.19	4.20	4.61
Minimum Gain [dB]	-17.39	-17.68	-17.43	-16.72	-16.44

2.4G ANT DATA – 3D Radiation Pattern

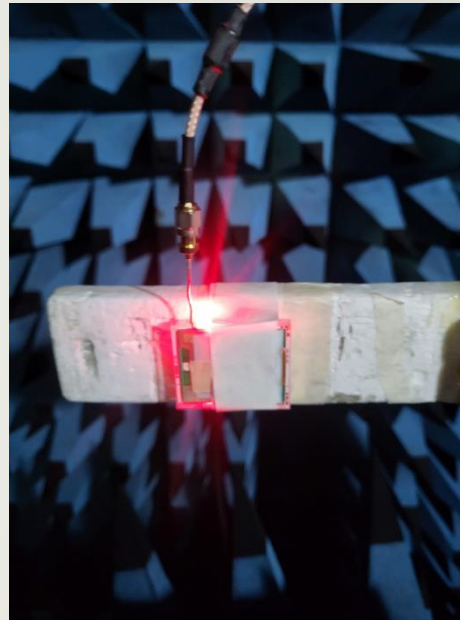
3D Radiation Pattern

2400	2420	2440	2460
 3D Radiation Pattern for 2400 MHz. The plot shows a main lobe with a peak gain of -17.39dB and side lobes with a minimum gain of -5.48dB. 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 -17.68dB and side lobes with a minimum gain of -5.33dB. 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 -17.43dB and side lobes with a minimum gain of -5.27dB. 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 -16.72dB and side lobes with a minimum gain of -5.15dB. 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 -16.44dB and side lobes with a minimum gain of -4.83dB. The x, y, and z axes are indicated.			

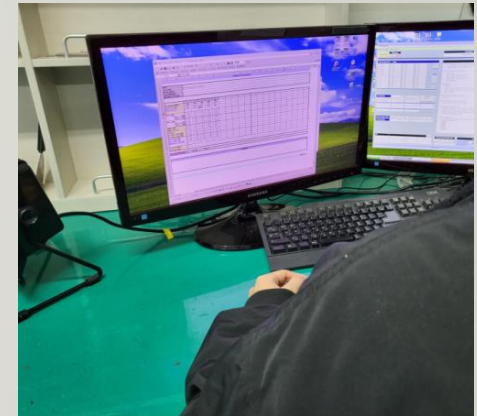
Measurement Procedure



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)**