

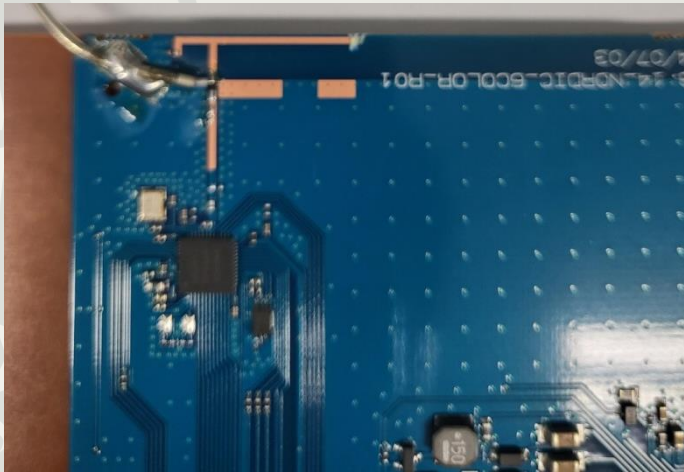
ART SIGNAL

ANTENNA TOTAL SOLUTION

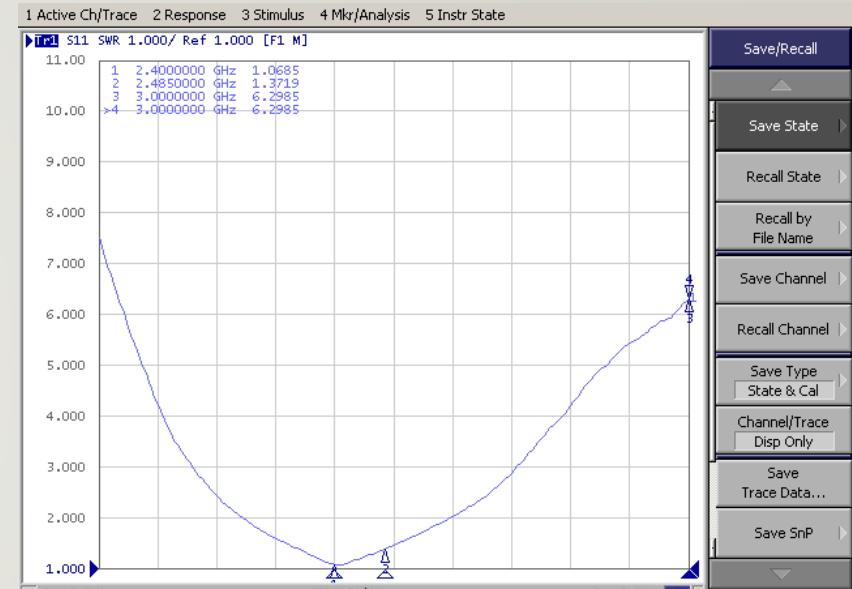


Solu-M Spectra6 8.2 R01#3 TEST DATA

Picture



VSWR

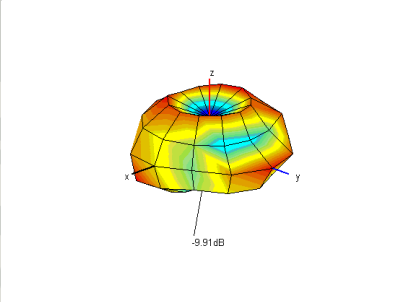
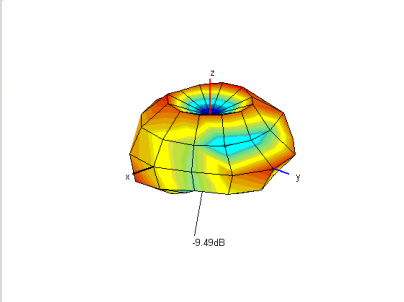
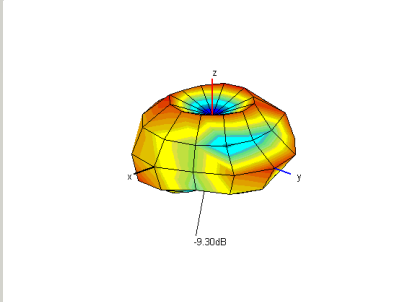
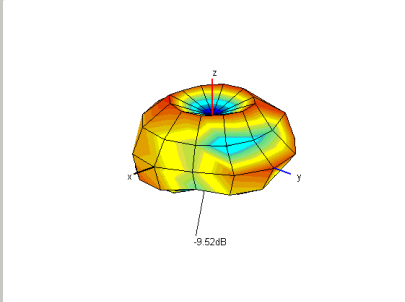
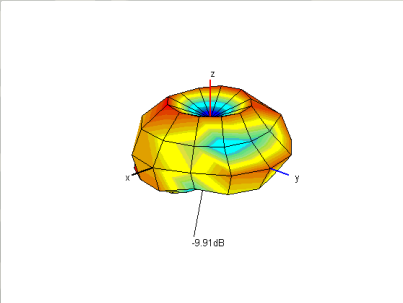


3D gain

	1	2	3	4	5
Frequency [MHz]	2400	2420	2440	2460	2485
Efficiency [dB]	-2.91	-2.65	-2.34	-2.38	-2.67
Efficiency [%]	51.2	54.4	58.4	57.8	54.0
Peak Gain [dB]	1.17	1.48	1.80	1.79	1.60
Directivity [dB]	4.08	4.13	4.13	4.17	4.28
Minimum Gain [dB]	-9.91	-9.49	-9.30	-9.53	-9.91

2.4G ANT DATA – 3D Radiation Pattern

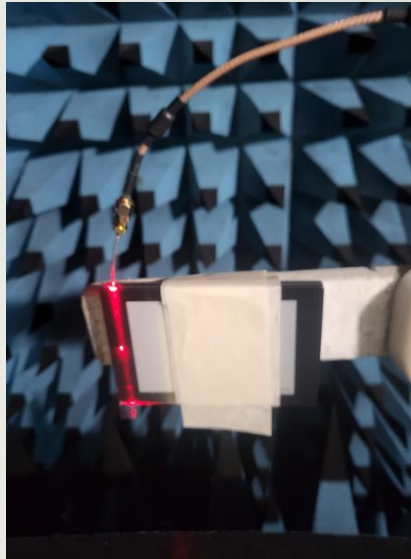
3D Radiation Pattern

2400	2420	2440	2460
 A 3D radiation pattern plot for 2400 MHz. The plot shows a hemispherical shape with a color gradient from blue (low) to red (high). A label '-9.91dB' is at the bottom.	 A 3D radiation pattern plot for 2420 MHz. The plot shows a hemispherical shape with a color gradient from blue (low) to red (high). A label '-9.49dB' is at the bottom.	 A 3D radiation pattern plot for 2440 MHz. The plot shows a hemispherical shape with a color gradient from blue (low) to red (high). A label '-9.30dB' is at the bottom.	 A 3D radiation pattern plot for 2460 MHz. The plot shows a hemispherical shape with a color gradient from blue (low) to red (high). A label '-9.52dB' is at the bottom.
2485			
 A 3D radiation pattern plot for 2485 MHz. The plot shows a hemispherical shape with a color gradient from blue (low) to red (high). A label '-9.91dB' is at the bottom.			

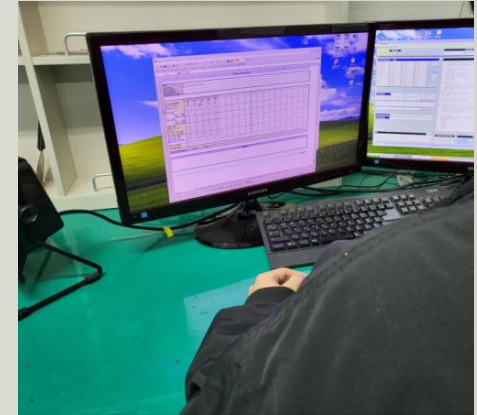
Measurement Procedure



Network Analyzer을
이용하여 VSWR 측정



3D Chamber에 Set 거치



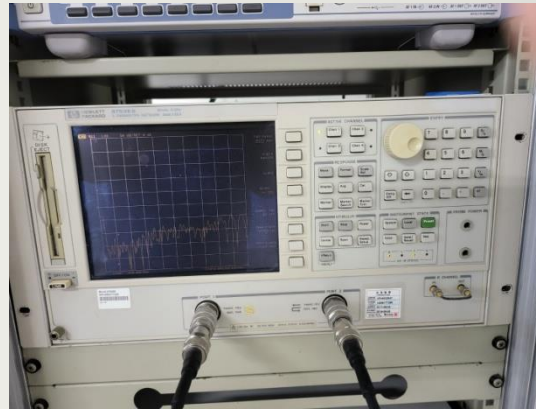
Program을 이용하여
Gain 측정

Measurement Equipment

Network Analyzer



E5071B (Agilent)



8753ES (Agilent)



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