

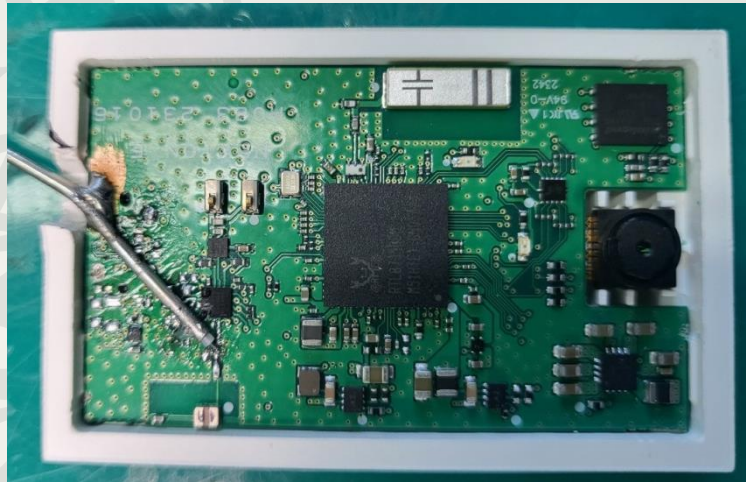
ART SIGNAL

ANTENNA TOTAL SOLUTION

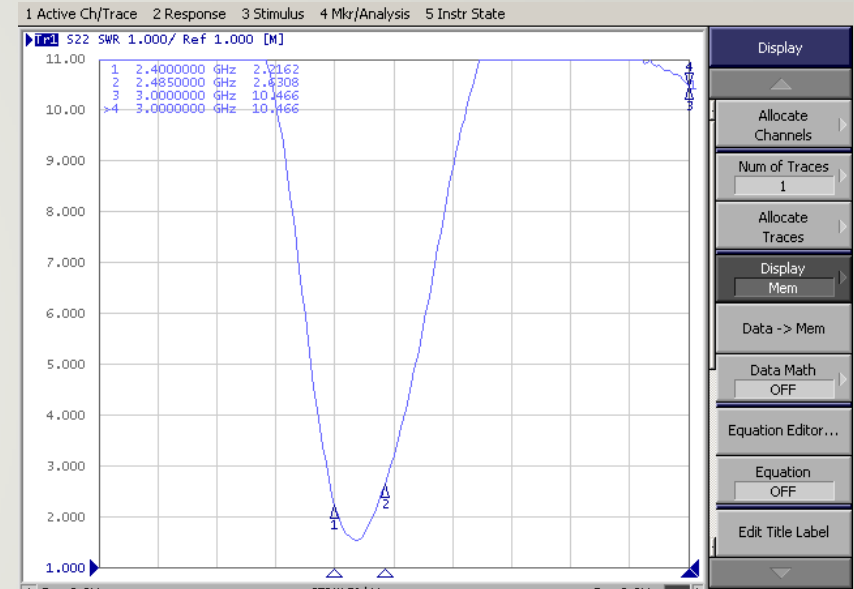


Solu-M Newton EYE matching #2 TEST DATA

Picture



VSWR



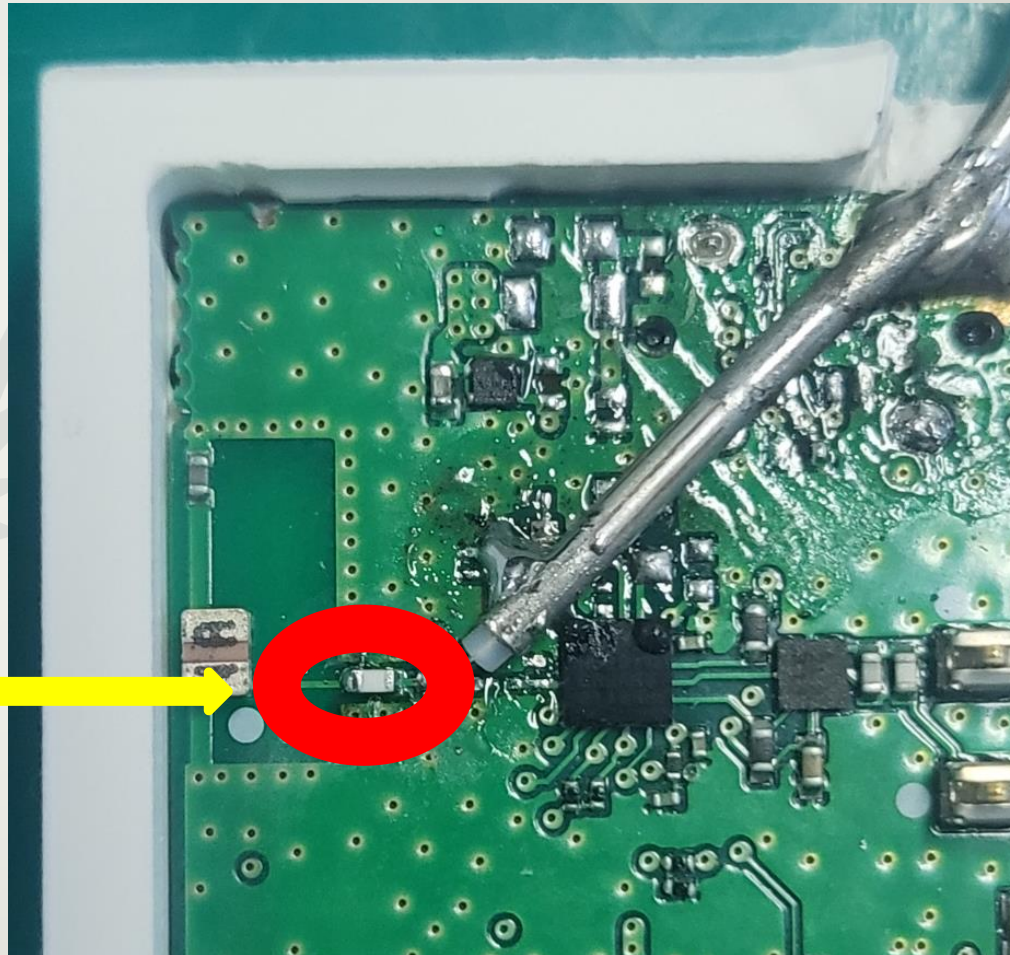
3D gain

	1	2	3	4	5
Frequency [MHz]	2400	2420	2440	2460	2485
Efficiency [dB]	-3.31	-2.64	-1.94	-1.69	-2.14
Efficiency [%]	46.6	54.4	64.0	67.8	61.1
Peak Gain [dB]	0.75	1.34	2.07	2.32	1.91
Directivity [dB]	4.06	3.98	4.01	4.00	4.05
Minimum Gain [dB]	-13.14	-14.60	-16.96	-20.91	-19.53

Solu-M Newton EYE matching #2 TEST DATA

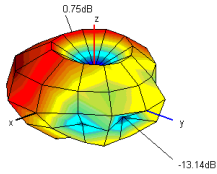
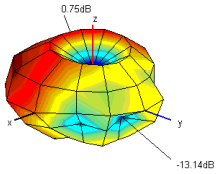
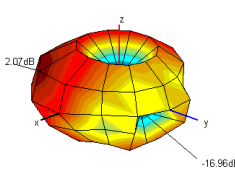
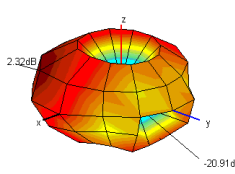
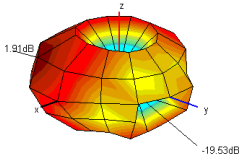
1.8nH -> 4.7nH

4.7nH



2.4G ANT DATA – 3D Radiation Pattern

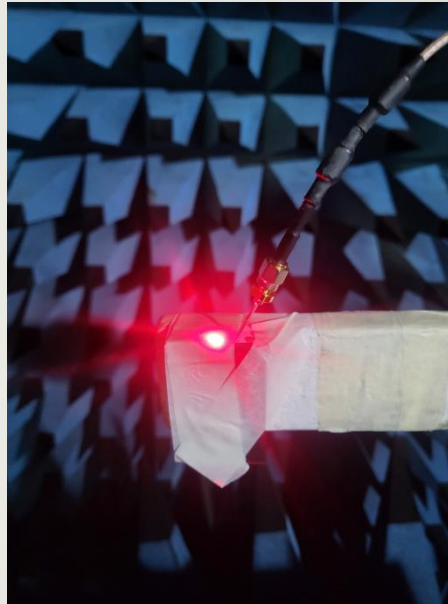
3D Radiation Pattern

2400	2420	2440	2460
 3D Radiation Pattern for 2400 MHz. The plot shows a main lobe with a peak gain of 0.75dB and a side lobe level of -13.14dB. 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 0.75dB and a side lobe level of -13.14dB. 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 2.07dB and a side lobe level of -16.96dB. 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 2.32dB and a side lobe level of -20.91dB. 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 1.91dB and a side lobe level of -19.53dB. The x, y, and z axes are indicated.			

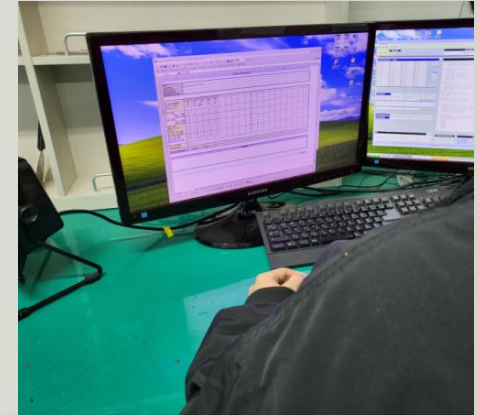
Measurement Procedure



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)**

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A leader in ANTENNA.

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ANTENNA TOTAL SOLUTION

