

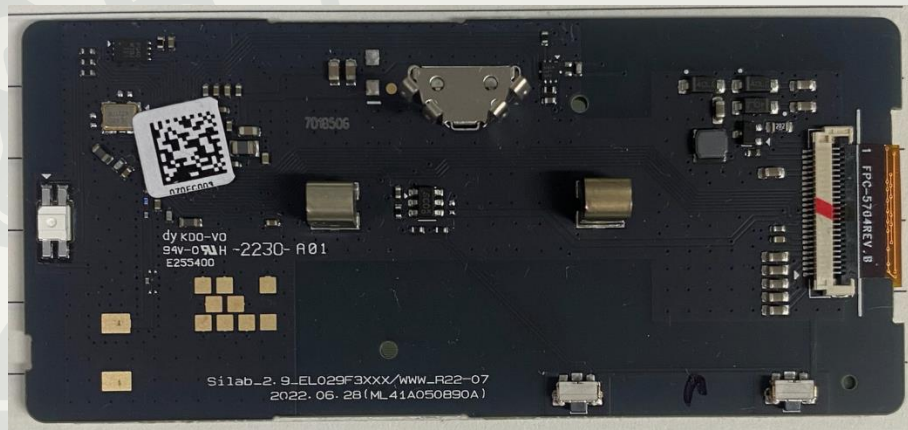
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ANTENNA TOTAL SOLUTION

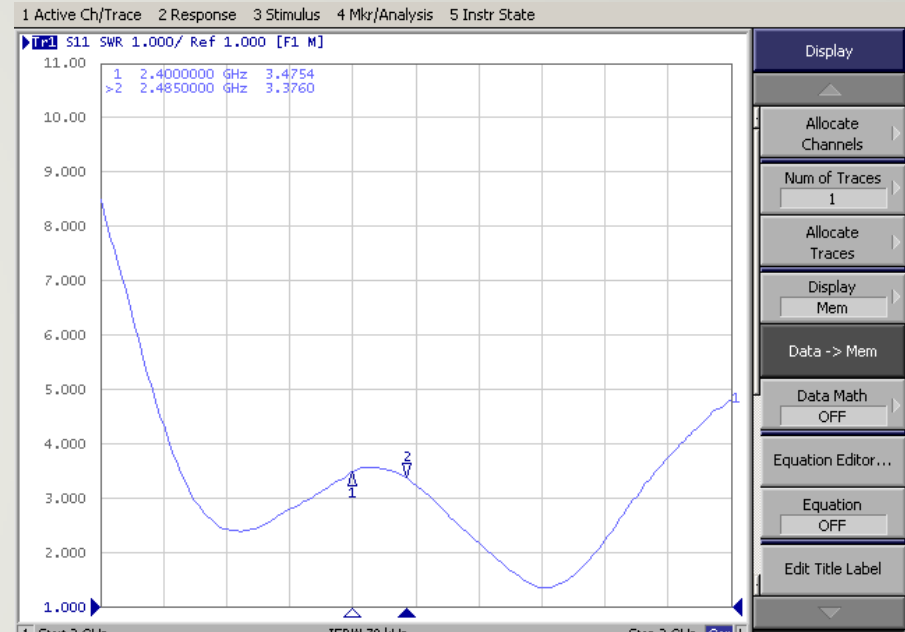


Solu-M M3 2.9INCH#1 2.4G ANT DATA - Network & 3D gain

Picture



VSWR

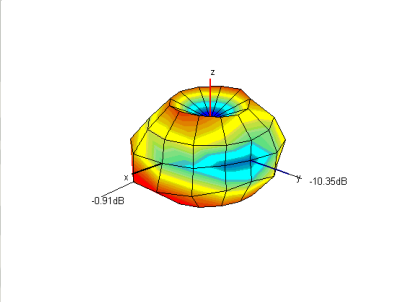
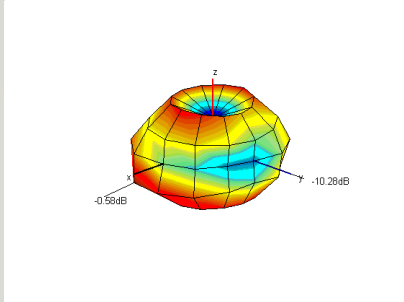
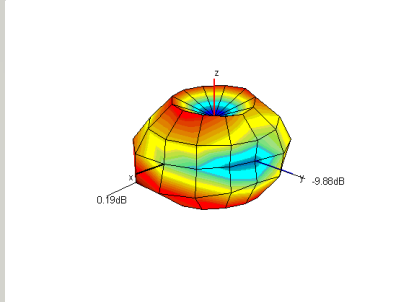
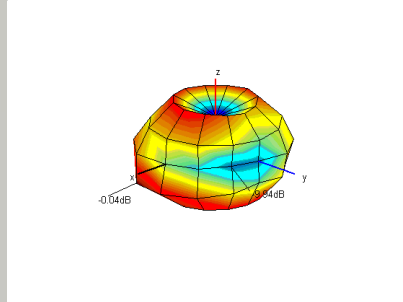
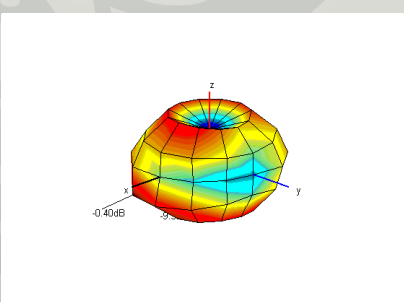


3D gain

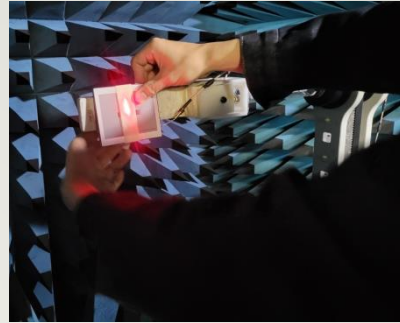
	1	2	3	4	5
Frequency [MHz]	2400	2420	2440	2460	2485
Efficiency [dB]	-4.30	-3.93	-3.22	-3.38	-3.45
Efficiency [%]	37.1	40.5	47.7	45.9	45.2
Peak Gain [dB]	-0.91	-0.58	0.19	-0.04	-0.40
Directivity [dB]	3.39	3.35	3.41	3.34	3.05
Minimum Gain [dB]	-10.35	-10.28	-9.88	-9.95	-9.30

2.4G ANT DATA – 3D Radiation Pattern

3D Radiation Pattern

2400	2420	2440	2460
 <p>3D radiation pattern for 2400 MHz. The plot shows a hemispherical radiation pattern with a main lobe centered at the top. The color scale ranges from -10.35 dB (blue) to 0.51 dB (red). The x, y, and z axes are labeled.</p>	 <p>3D radiation pattern for 2420 MHz. The plot shows a hemispherical radiation pattern with a main lobe centered at the top. The color scale ranges from -10.28 dB (blue) to -0.58 dB (red). The x, y, and z axes are labeled.</p>	 <p>3D radiation pattern for 2440 MHz. The plot shows a hemispherical radiation pattern with a main lobe centered at the top. The color scale ranges from -9.68 dB (blue) to 0.19 dB (red). The x, y, and z axes are labeled.</p>	 <p>3D radiation pattern for 2460 MHz. The plot shows a hemispherical radiation pattern with a main lobe centered at the top. The color scale ranges from -9.4 dB (blue) to -0.04 dB (red). The x, y, and z axes are labeled.</p>
2485			
 <p>3D radiation pattern for 2485 MHz. The plot shows a hemispherical radiation pattern with a main lobe centered at the top. The color scale ranges from -0.40 dB (blue) to 0 dB (red). The x, y, and z axes are labeled.</p>			

Measurement procedure 1. Network Analyzer → VSWR measurement → 3D Gain Test measurement



Measuring equipment 2.



E5071B Agilent



8753ES Agilent



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