

ART SIGNAL

ANTENNA TOTAL SOLUTION

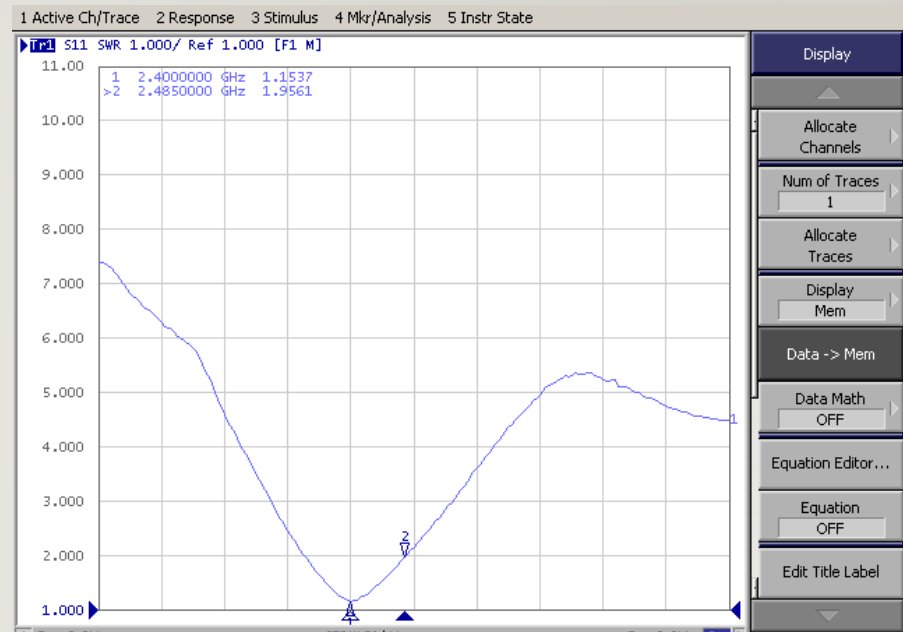


Solu-M M3 5.85INCH 2.4G ANT DATA - Network & 3D gain

Picture



VSWR

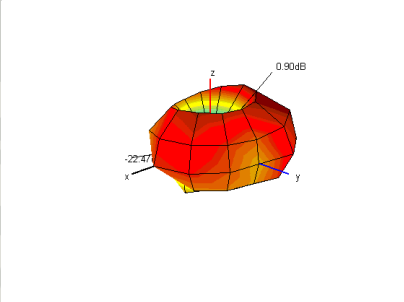
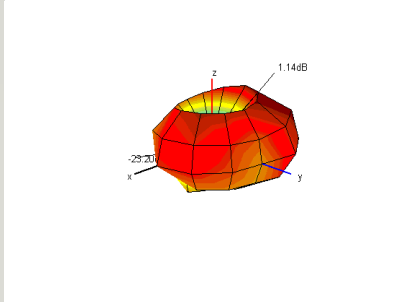
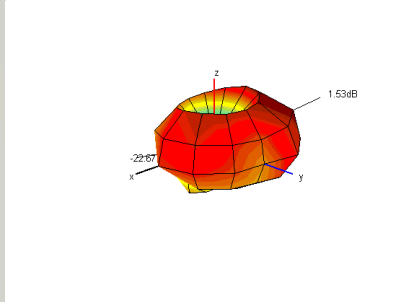
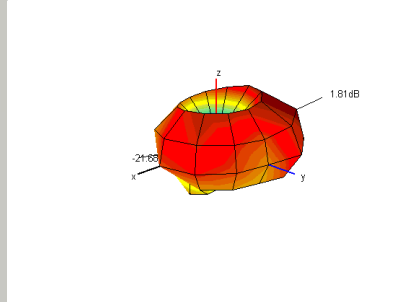
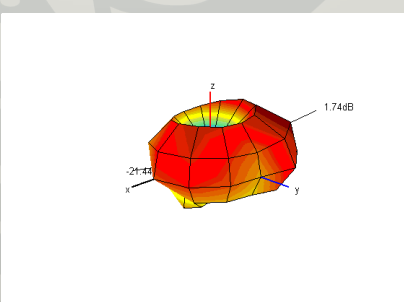


3D gain

	1	2	3	4	5
Frequency [MHz]	2400	2420	2440	2460	2485
Efficiency [dB]	-4.64	-4.34	-3.96	-3.77	-3.95
Efficiency [%]	34.4	36.8	40.2	42.0	40.2
Peak Gain [dB]	0.90	1.14	1.53	1.81	1.74
Directivity [dB]	5.54	5.48	5.49	5.57	5.69
Minimum Gain [dB]	-22.47	-23.20	-22.67	-21.68	-21.44

2.4G ANT DATA – 3D Radiation Pattern

3D Radiation Pattern

2400	2420	2440	2460
 <p>3D radiation pattern for 2400 MHz. The main lobe is centered at 0.90dB. The side lobes are at -22.47dB. The plot shows a hemispherical shape with a color gradient from red (high gain) to yellow (low gain).</p>	 <p>3D radiation pattern for 2420 MHz. The main lobe is centered at 1.14dB. The side lobes are at -23.20dB. The plot shows a hemispherical shape with a color gradient from red (high gain) to yellow (low gain).</p>	 <p>3D radiation pattern for 2440 MHz. The main lobe is centered at 1.53dB. The side lobes are at -22.67dB. The plot shows a hemispherical shape with a color gradient from red (high gain) to yellow (low gain).</p>	 <p>3D radiation pattern for 2460 MHz. The main lobe is centered at 1.81dB. The side lobes are at -21.69dB. The plot shows a hemispherical shape with a color gradient from red (high gain) to yellow (low gain).</p>
2485			
 <p>3D radiation pattern for 2485 MHz. The main lobe is centered at 1.74dB. The side lobes are at -21.43dB. The plot shows a hemispherical shape with a color gradient from red (high gain) to yellow (low gain).</p>			