



SPECIFICATION

Product : LTE EXTERNAL ANTENNA

Descriptions : 704~960/1710~2690MHz+RG316 CABLE+SMA ST.PLUG

LOCATIONS

Adam Tech TAIWAN (APAC HQ)

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SPECIFICATION

ELECTICAL PROPERTIES

FREQUENCY RANGE----- 704~960/1710~2690MHz

IMPEDANCE----- 50 Ω

VSWR----- 1.92:1MAX

RETURN LOSS----- -10dB MAX

RADIATION----- OMNI-DIRECTIONAL

GAIN----- 5.0dBi

POLARIZATION----- VERTICAL

MAX POWER----- 20W

PHYSICAL PROPERTIES

ANTENNA COVER----- TPE

ANTENNA BASE----- PC

ANTENNA ----- PBT

COLOR----- BLACK

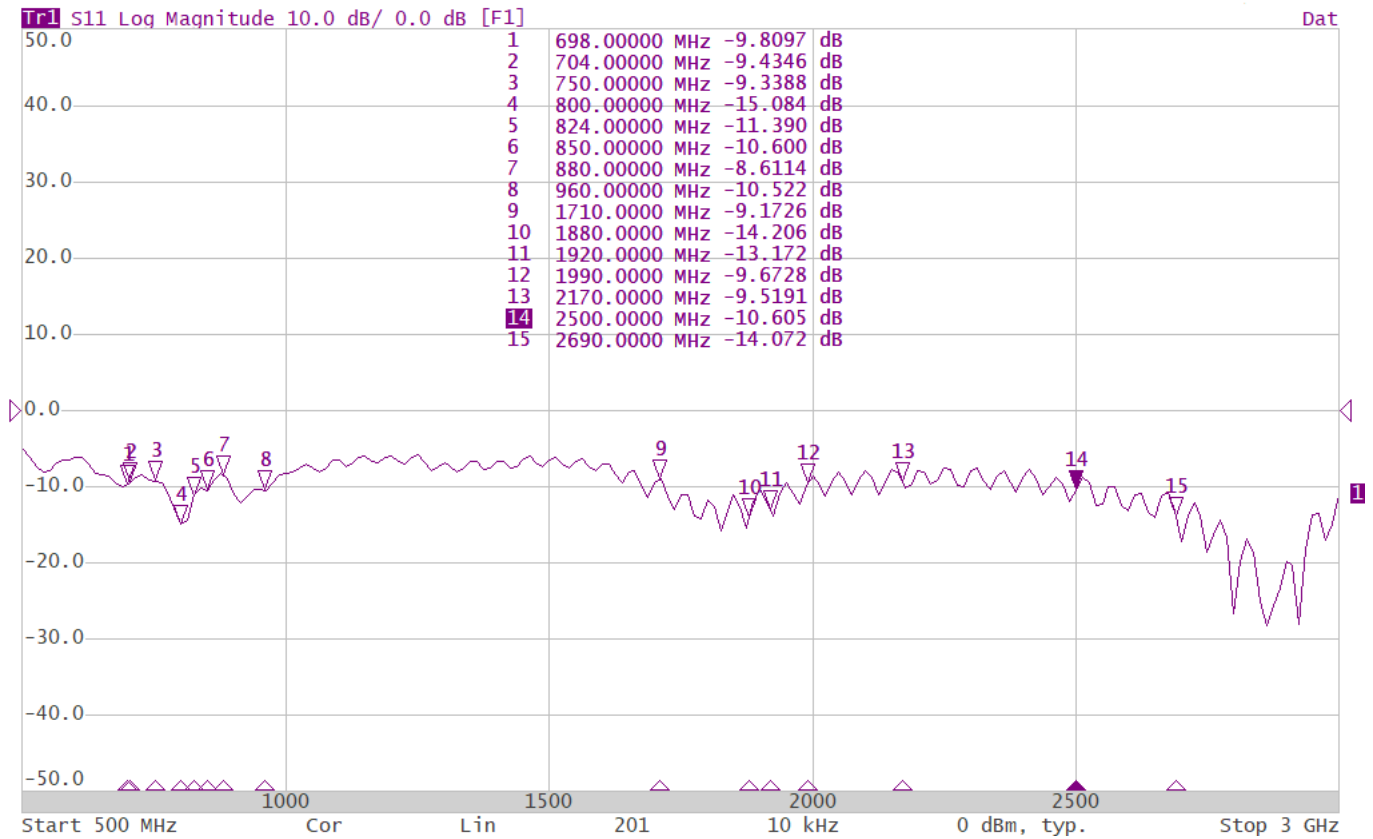
CONNECTOR----- SMA ST. PLUG

OPERATING TEMPERATURE----- -40 ~ +80 °C

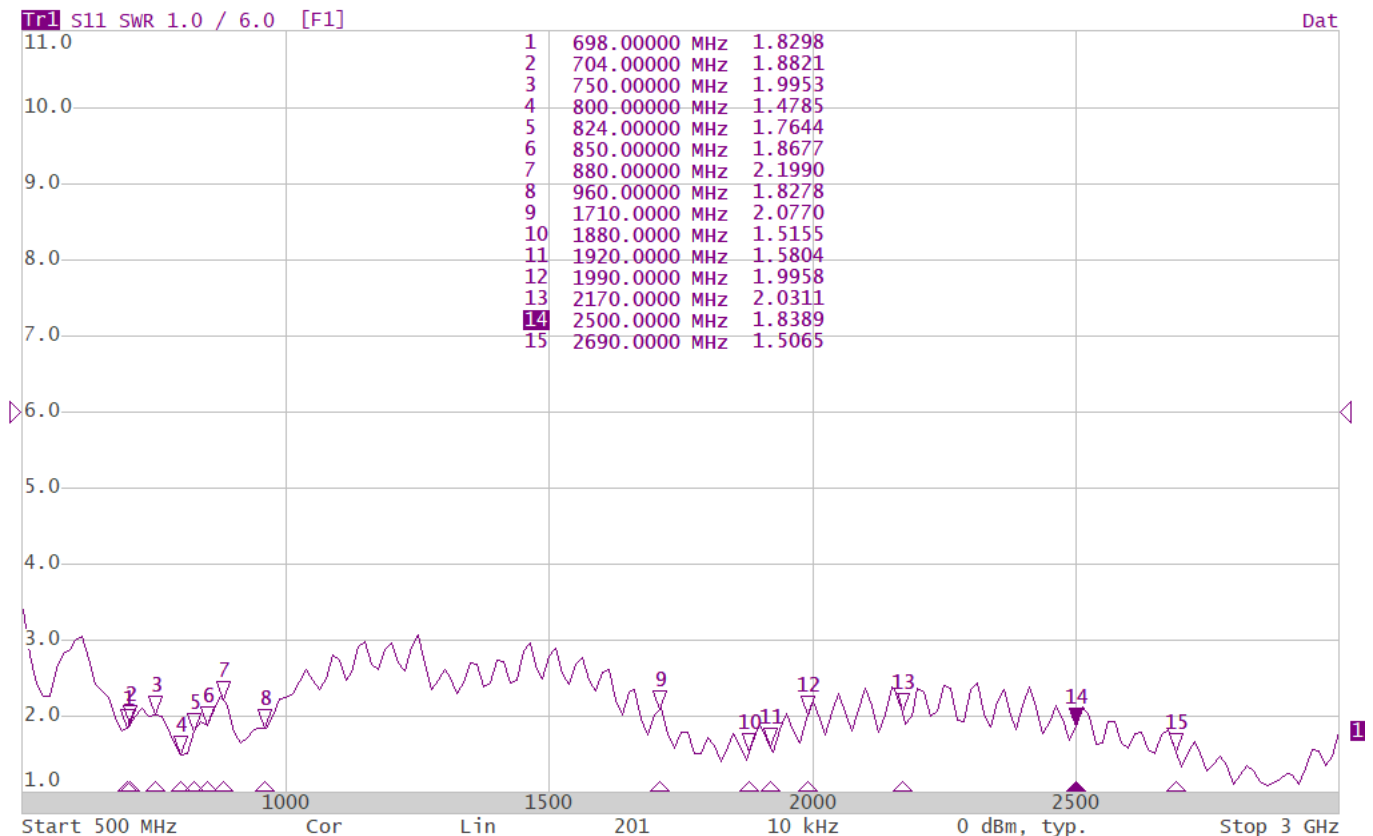
STORAGE TEMPERATURE----- -45 ~ +85 °C



RETURN LOSS



VSWR

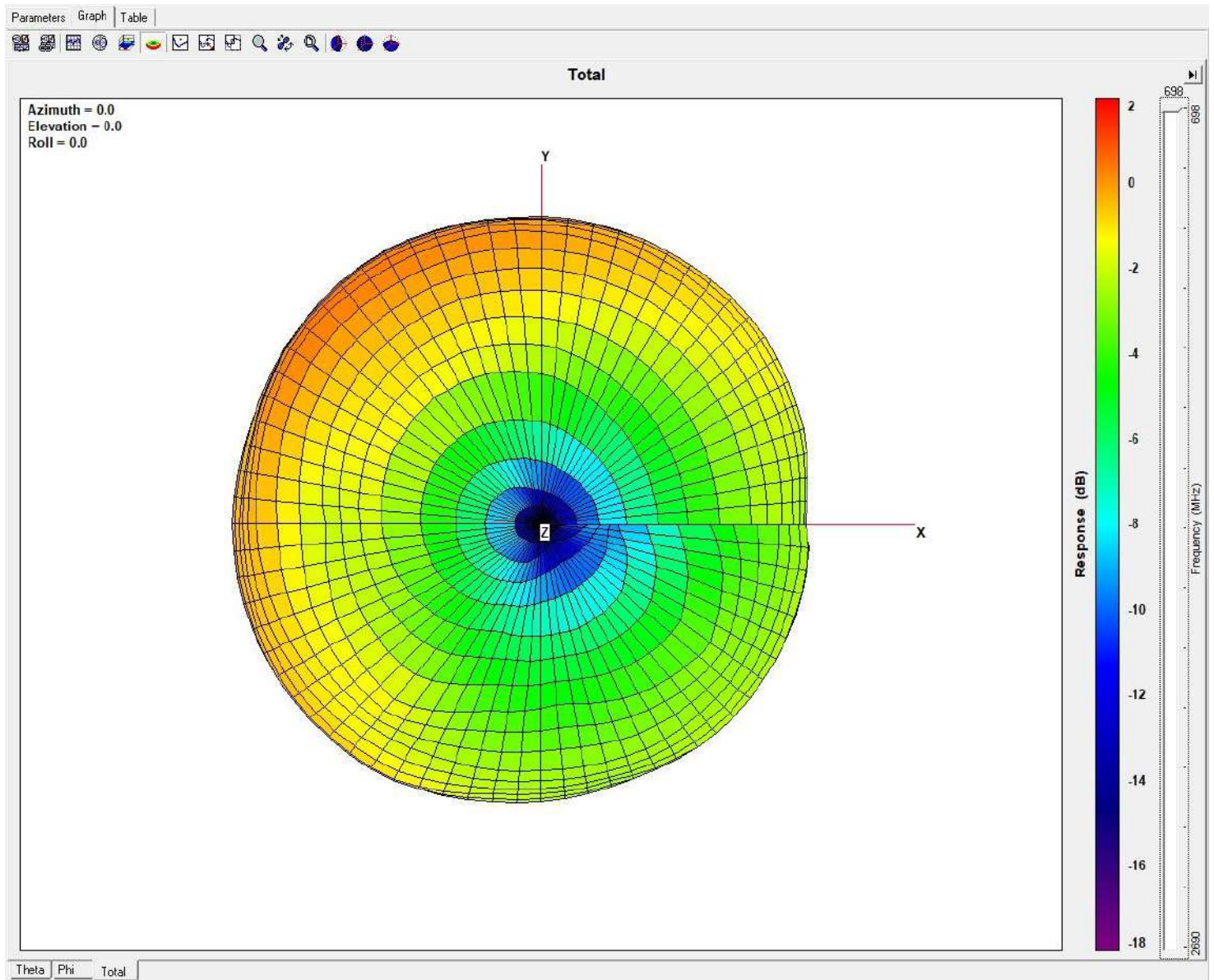




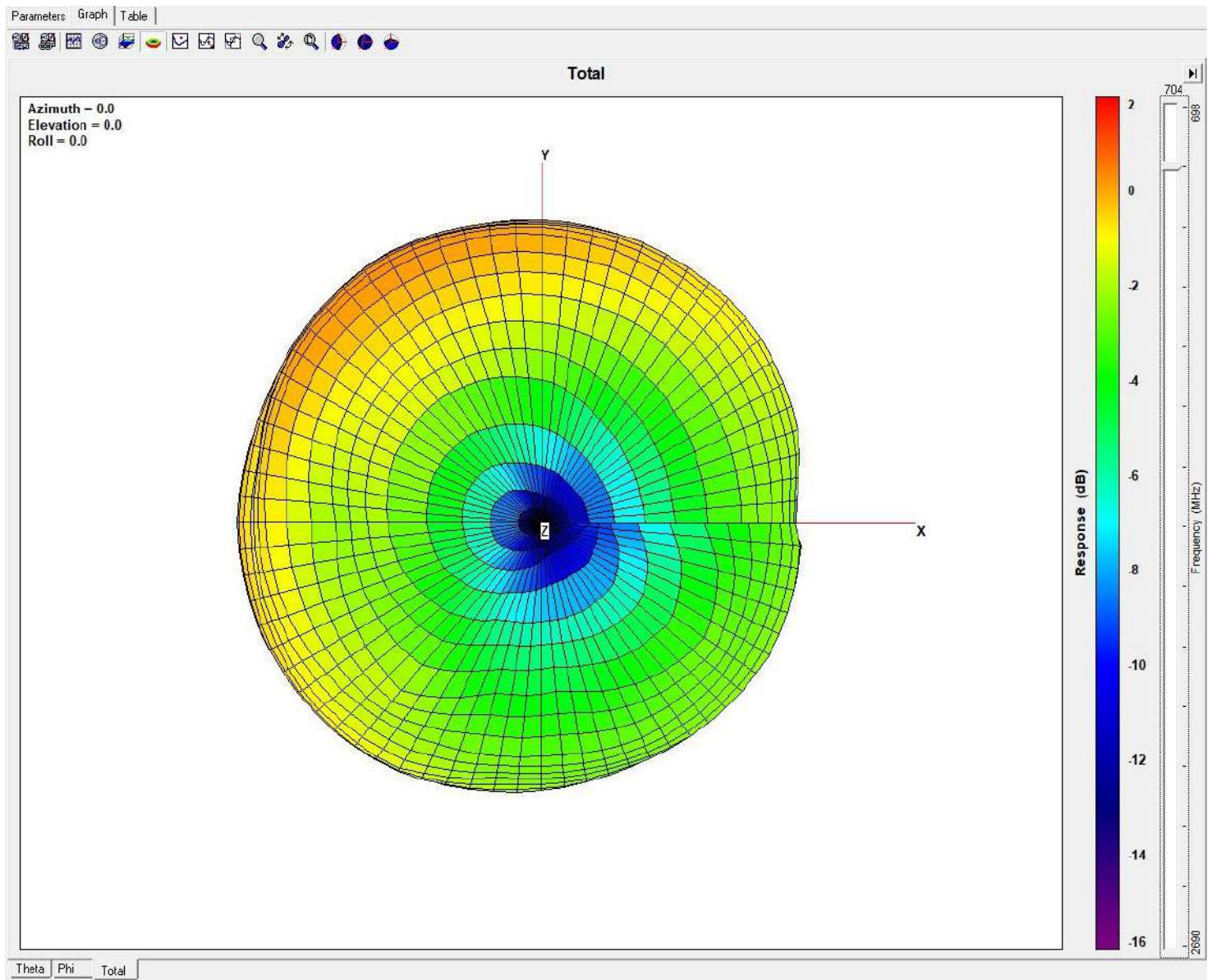
CHAMBER

Test Date															
Trade Name	LTE EXTERNAL ANTENNA – ADAM TECH														
App. N°	-/-														
Model Name	ANT-DK-LTE1MD-GAPL52M														
Test Mode Free Space & Talking Position	Free Space														
Frequency	698	704	750	800	850	880	960	1710	1880	1920	1990	2100	2170	2450	2690
OTA-1 Note															
Ant. Port Input Pwr (dBm)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Tot. Rad. Pwr (dBm)	-2.4445	-2.5155	-2.7278	-3.7529	-3.1716	-3.2406	-3.0158	-2.5578	-3.1014	-3.4035	-4.4912	-4.3502	-5.803	-5.1471	-5.3404
Peak EIRP (dBm)	0.53511	0.33349	0.39518	0.64384	0.48132	0.55457	0.64837	1.49768	1.01132	0.95168	0.91254	0.53054	0.41461	0.06548	0.01265
Directivity (dBi)	2.97965	2.84896	3.12295	4.39671	3.69032	3.68599	3.36745	4.05552	5.09005	5.25184	5.57864	5.81969	5.68842	5.21231	5.32777
Efficiency (dB)	-2.4445	-2.5155	-2.7278	-3.7529	-3.1716	-3.2406	-3.0158	-2.5578	-3.1014	-3.4035	-4.4912	-4.3502	-5.803	-5.1471	-5.3404
Efficiency (%)	58.9569	56.0342	53.3608	42.1418	37.3974	39.9187	25.0276	55.4901	42.8932	37.8169	32.4327	33.1727	31.8784	31.5694	29.2387

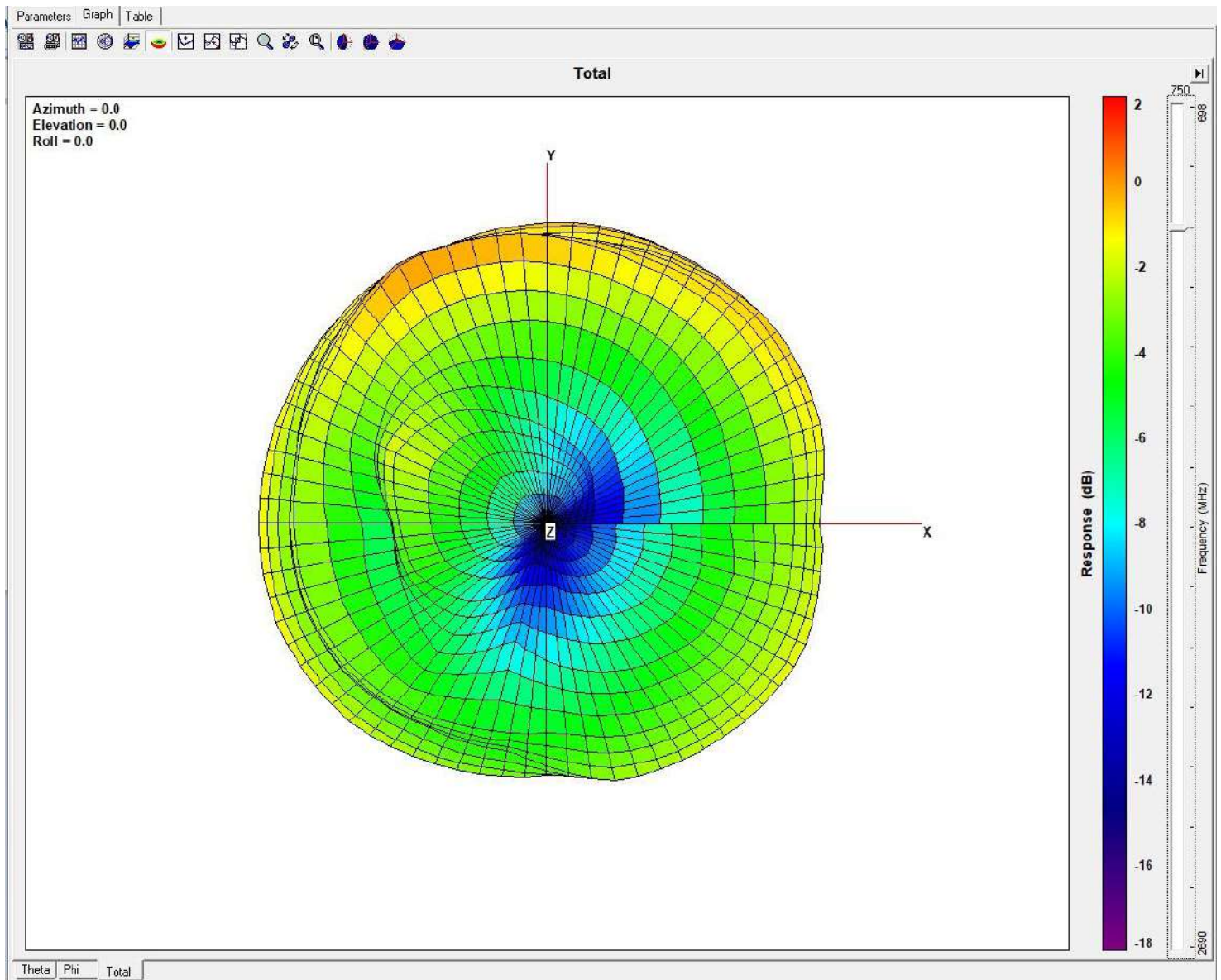
Center freq.(MHz): : 698



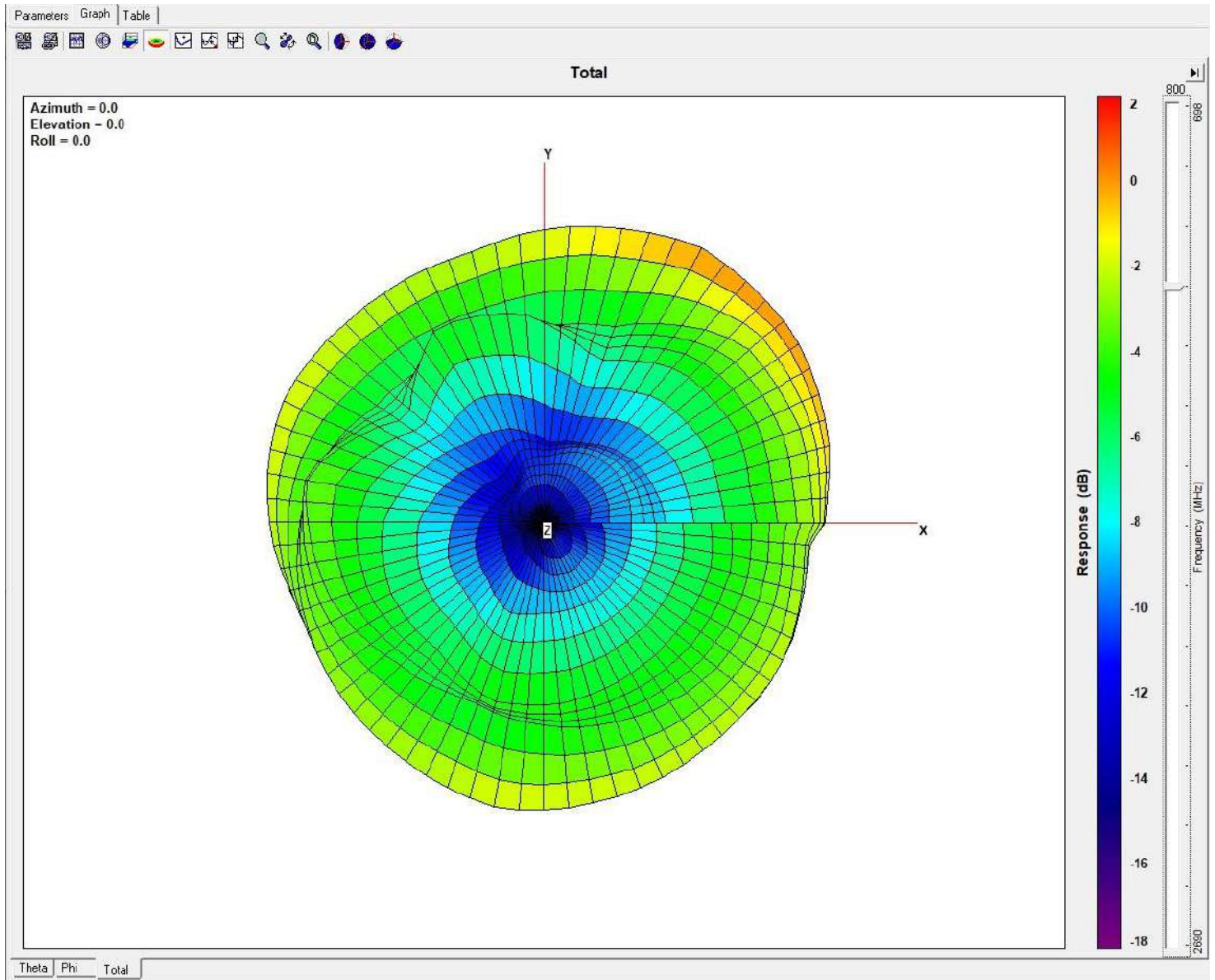
Center freq.(MHz): : 704



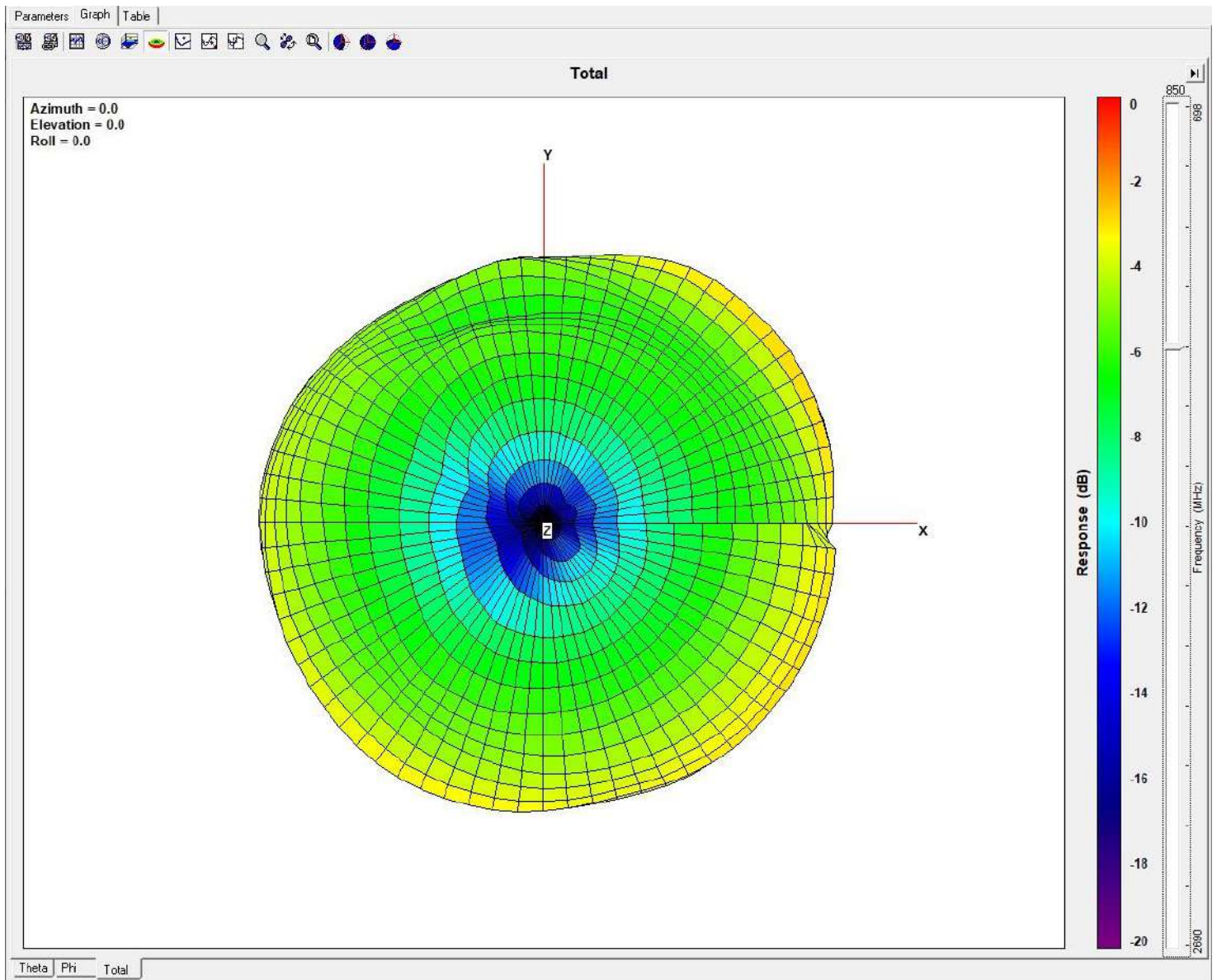
Center freq.(MHz): : 750



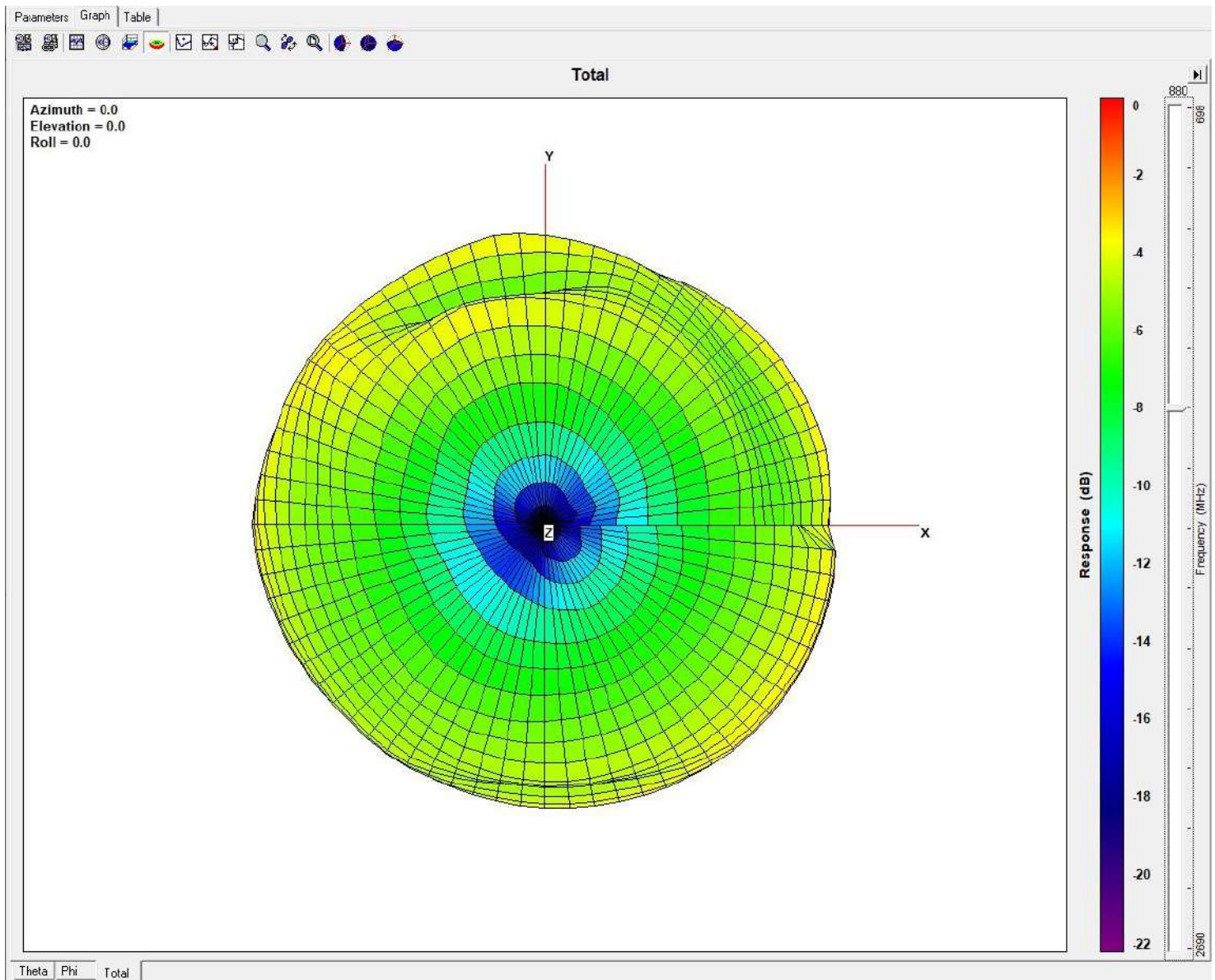
Center freq.(MHz): : 800



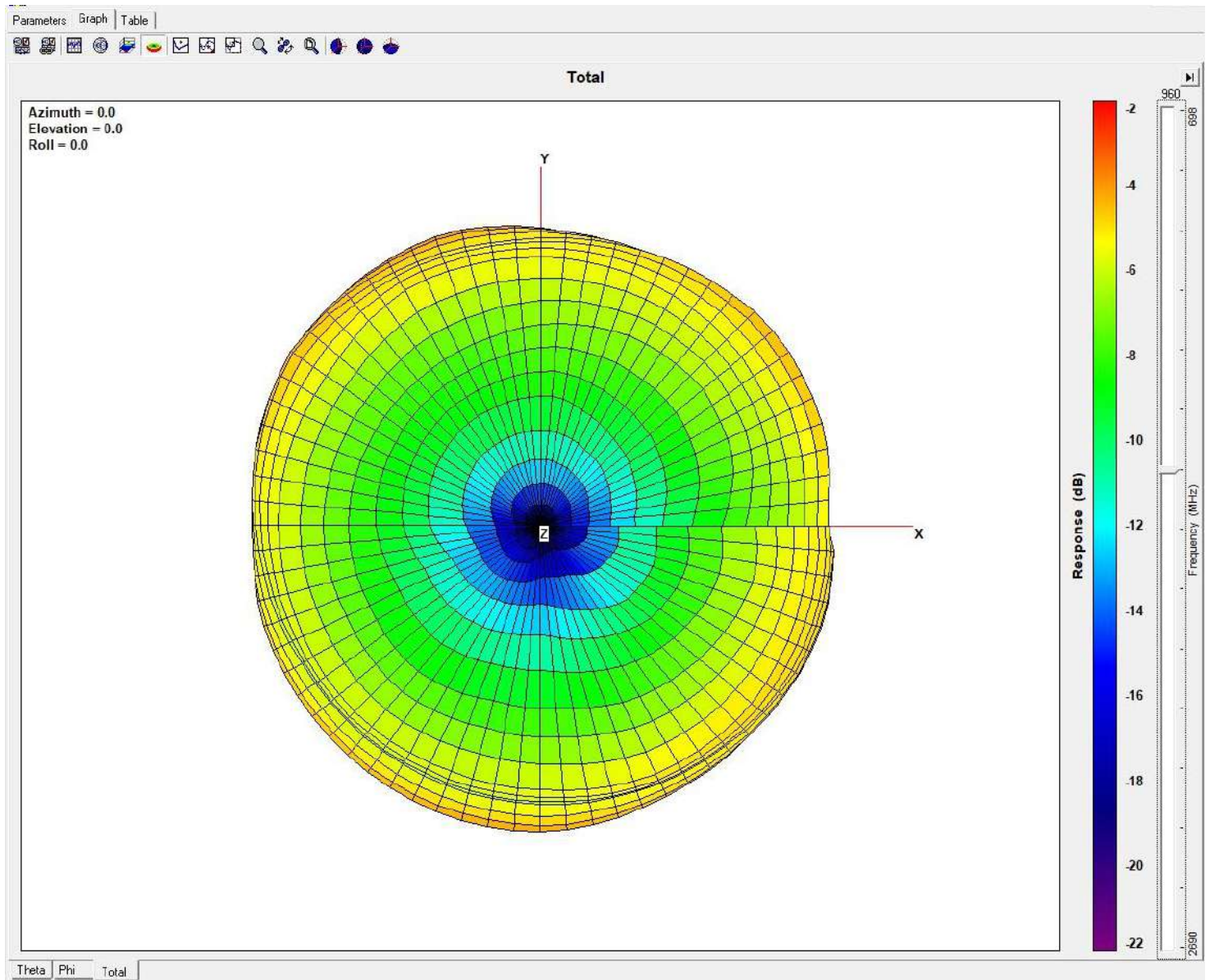
Center freq.(MHz): : 850



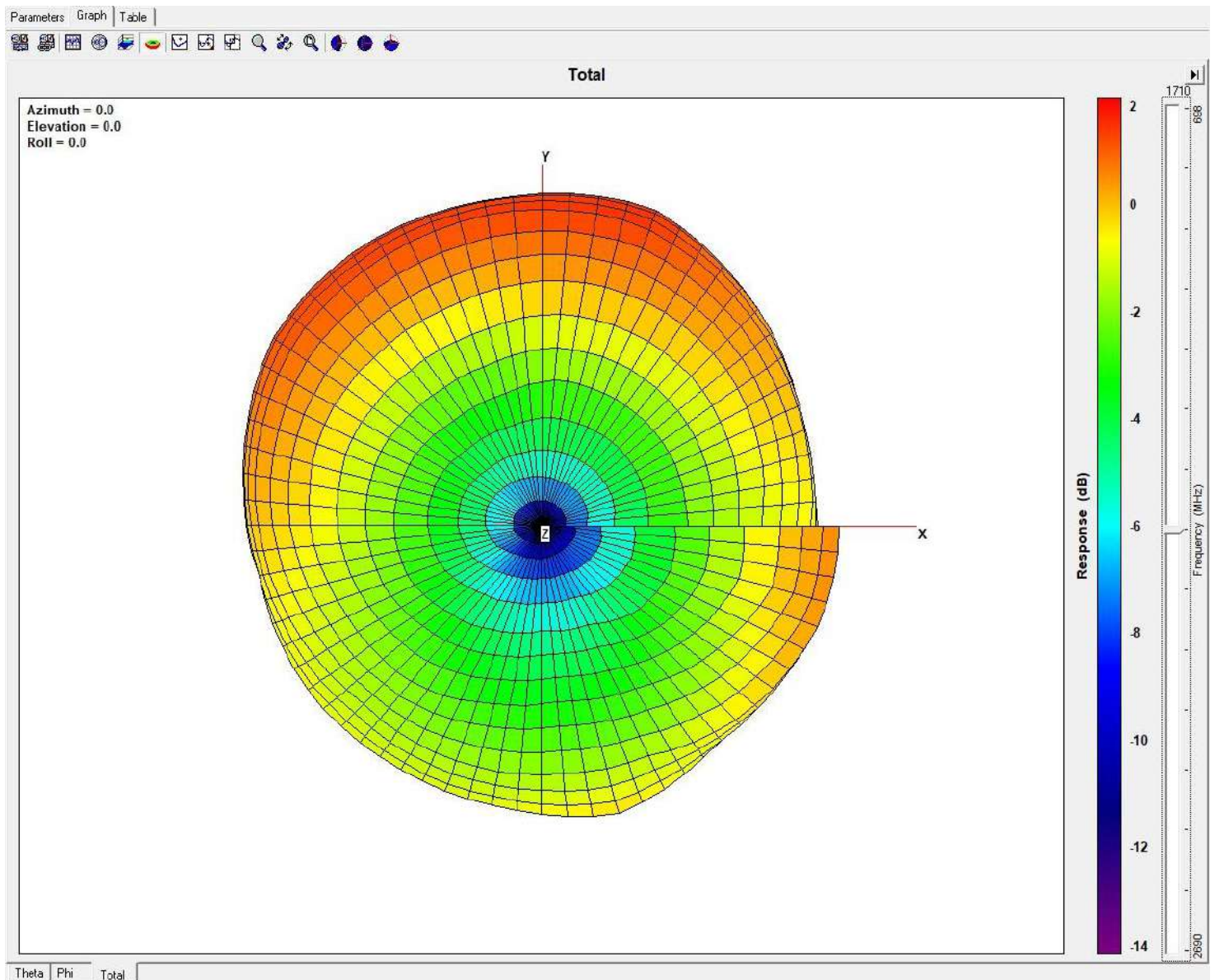
Center freq.(MHz): : 880



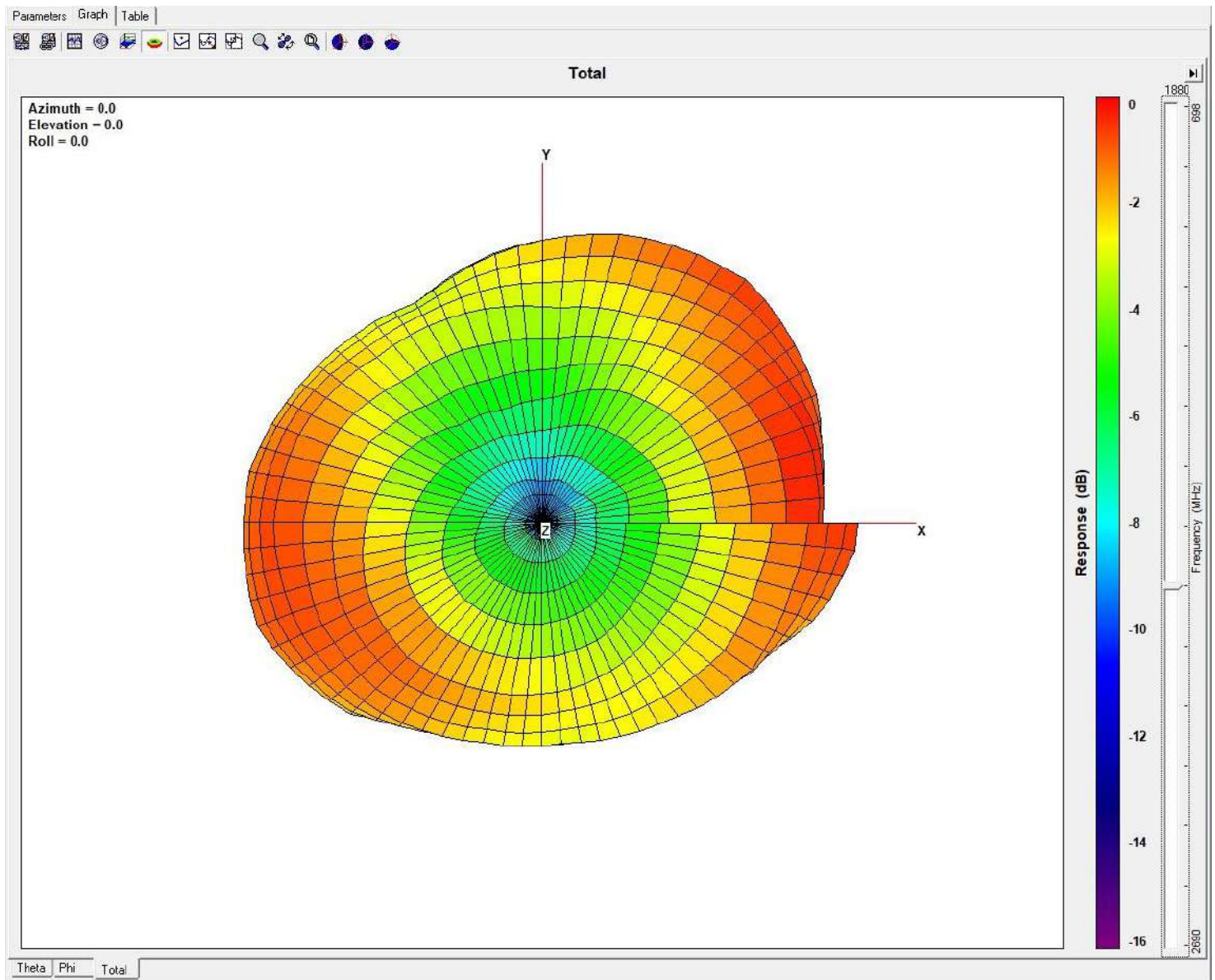
Center freq.(MHz): : 960



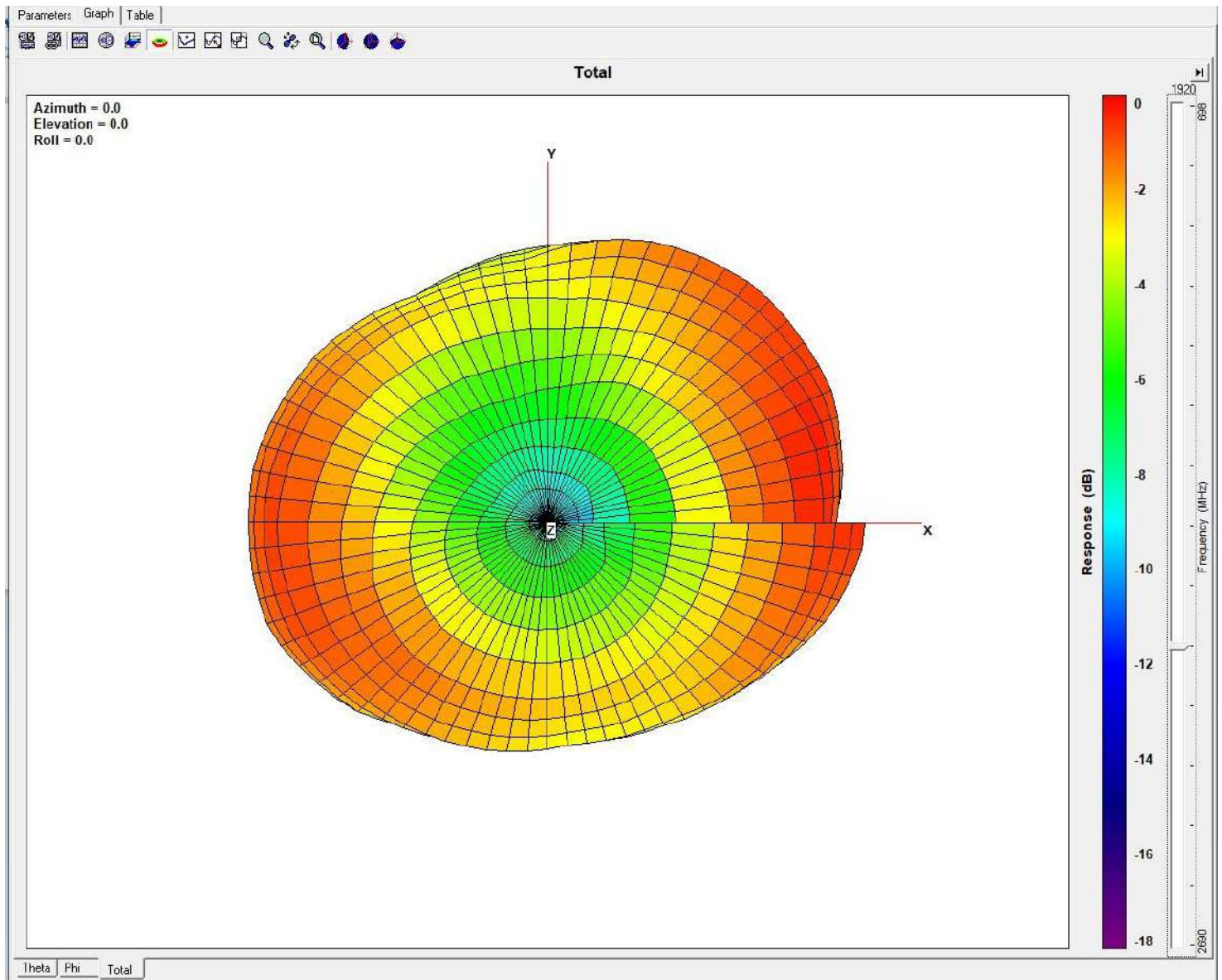
Center freq.(MHz): : 1710



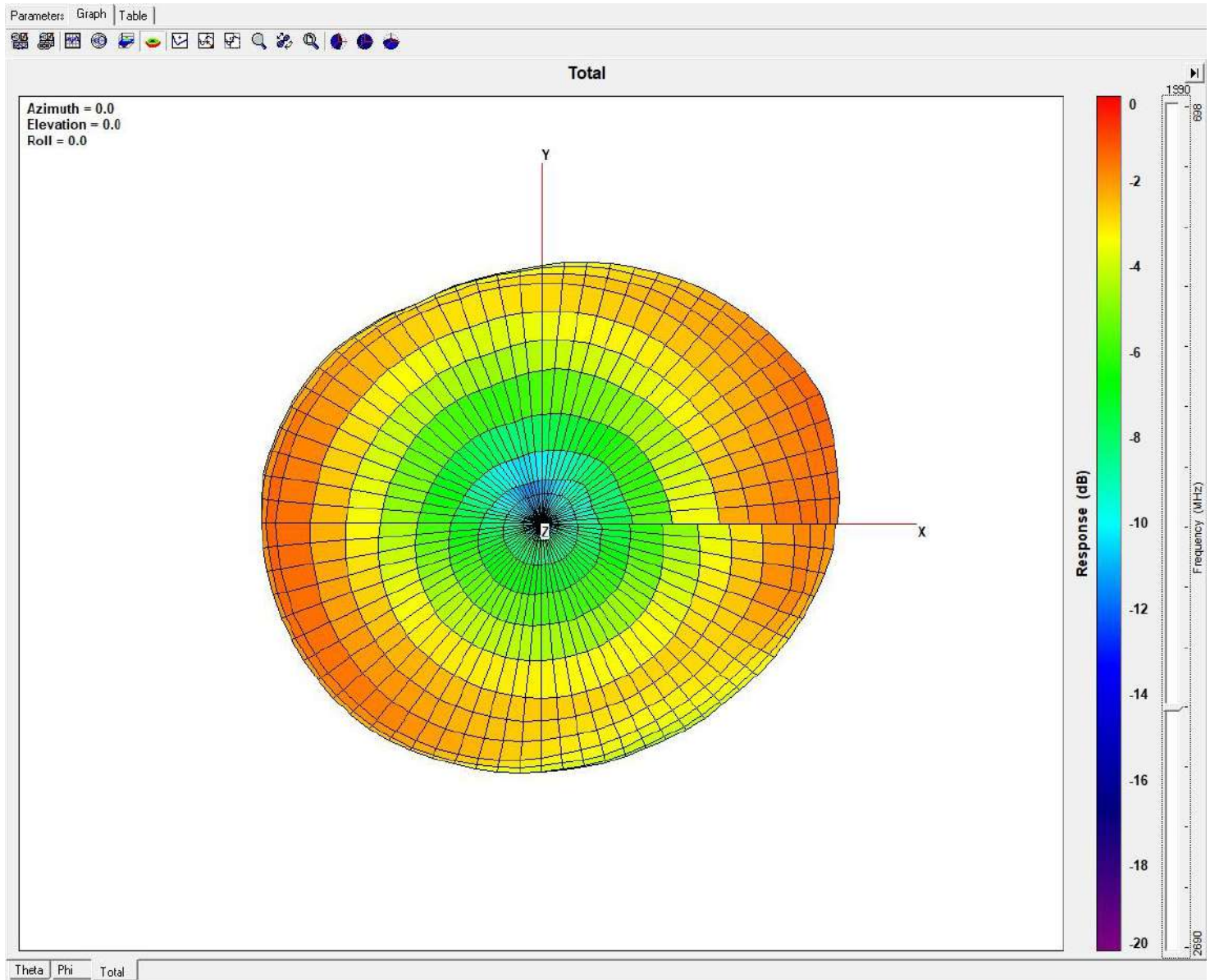
Center freq.(MHz): : 1880



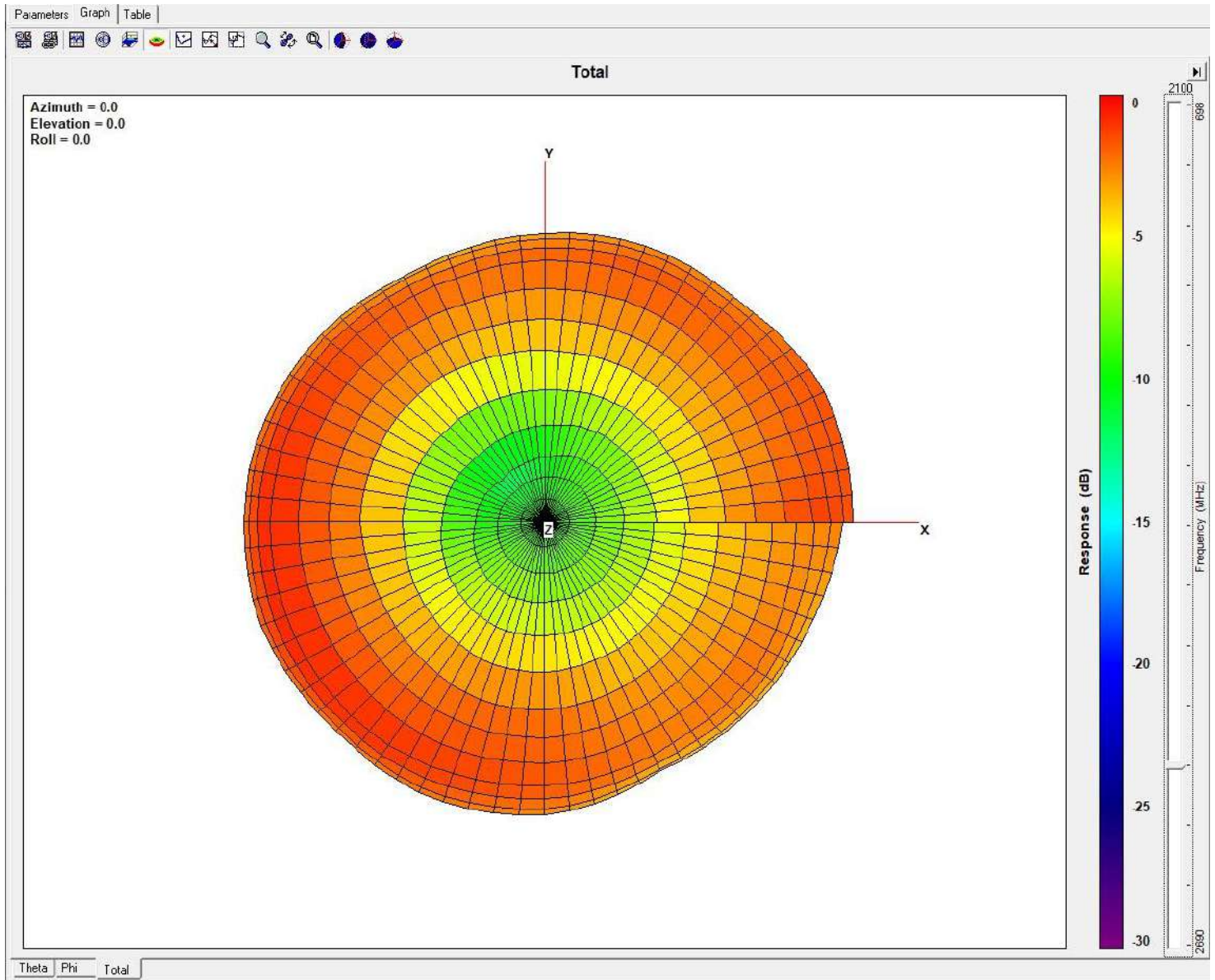
Center freq.(MHz): : 1920



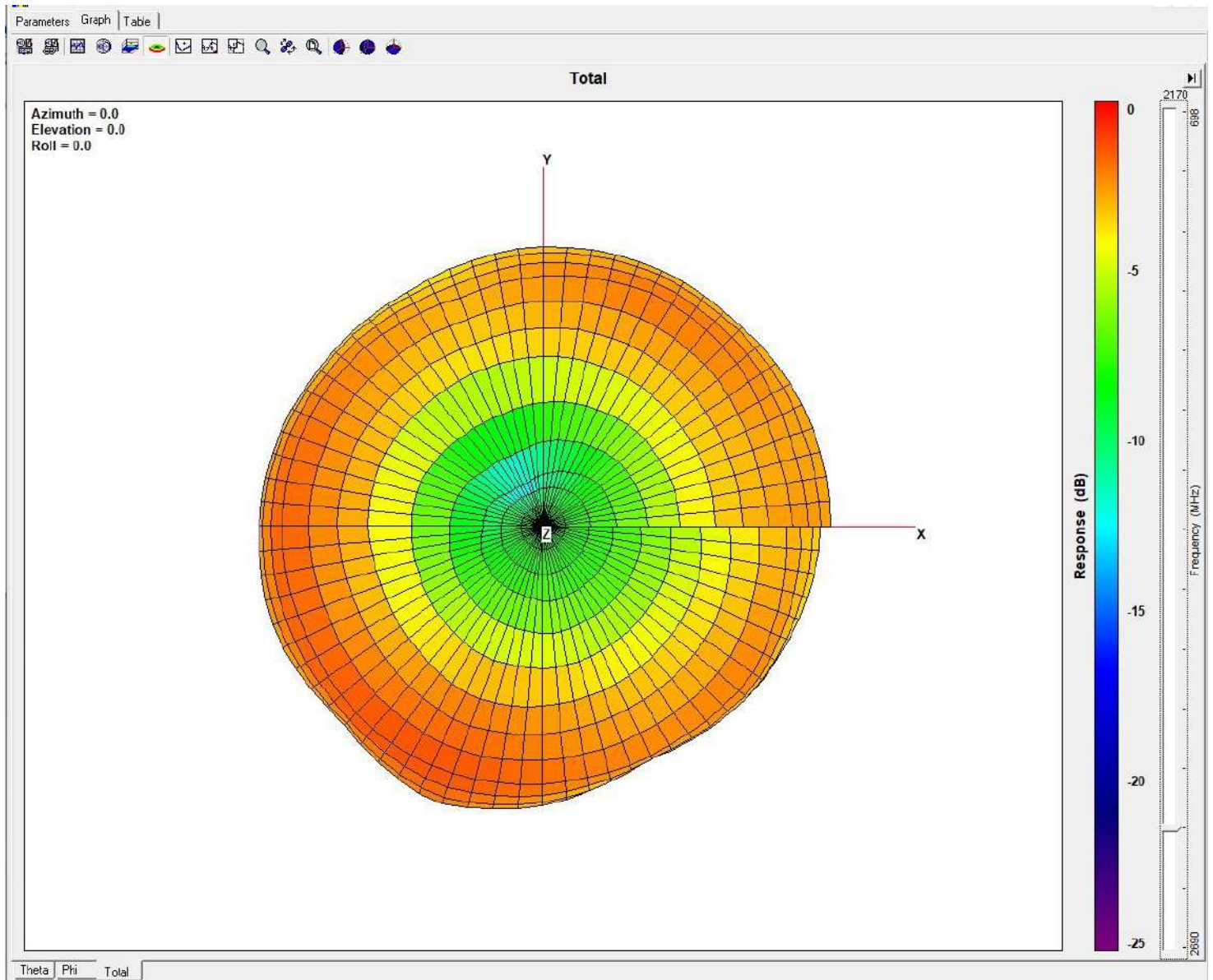
Center freq.(MHz): : 1990



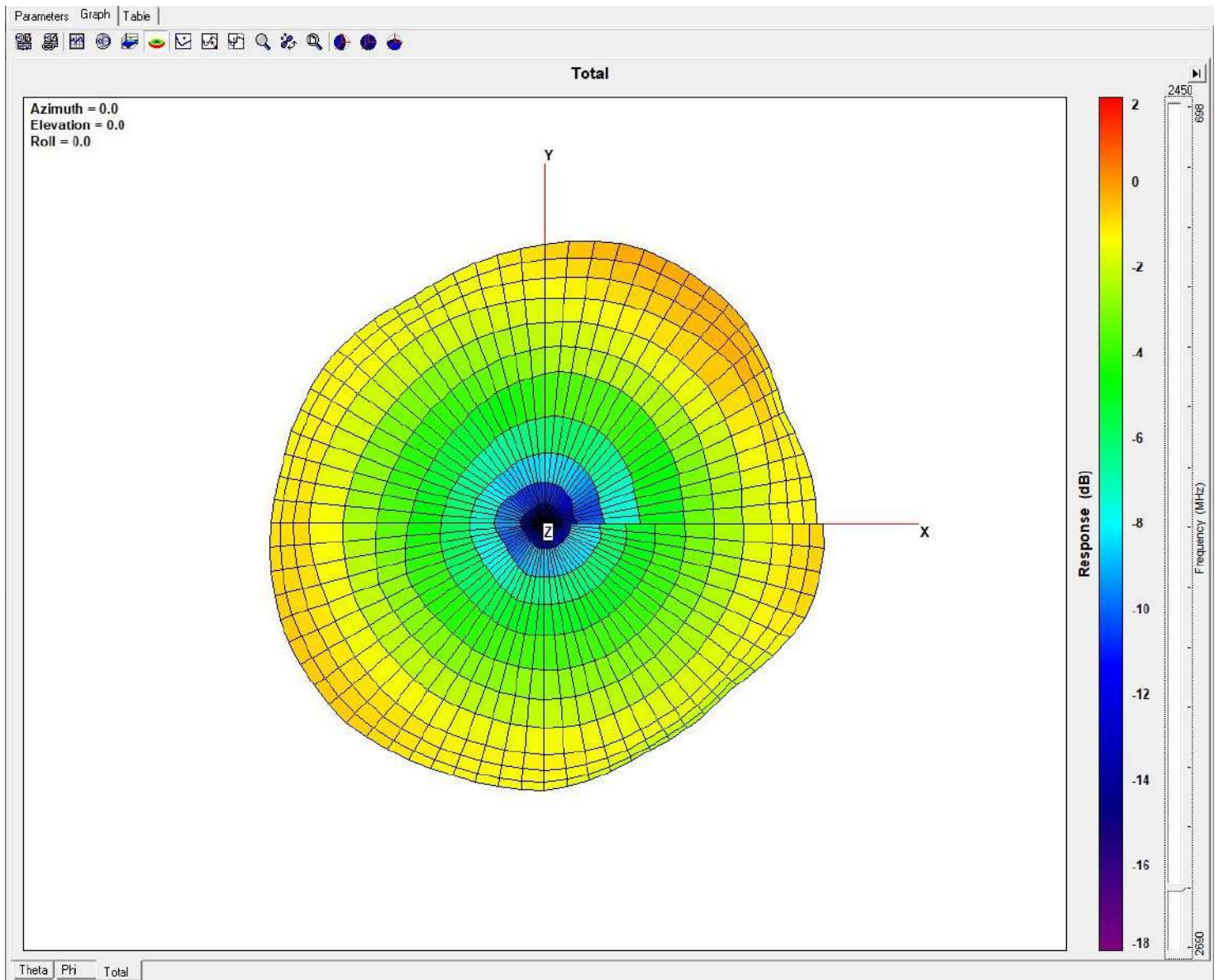
Center freq.(MHz): : 2100



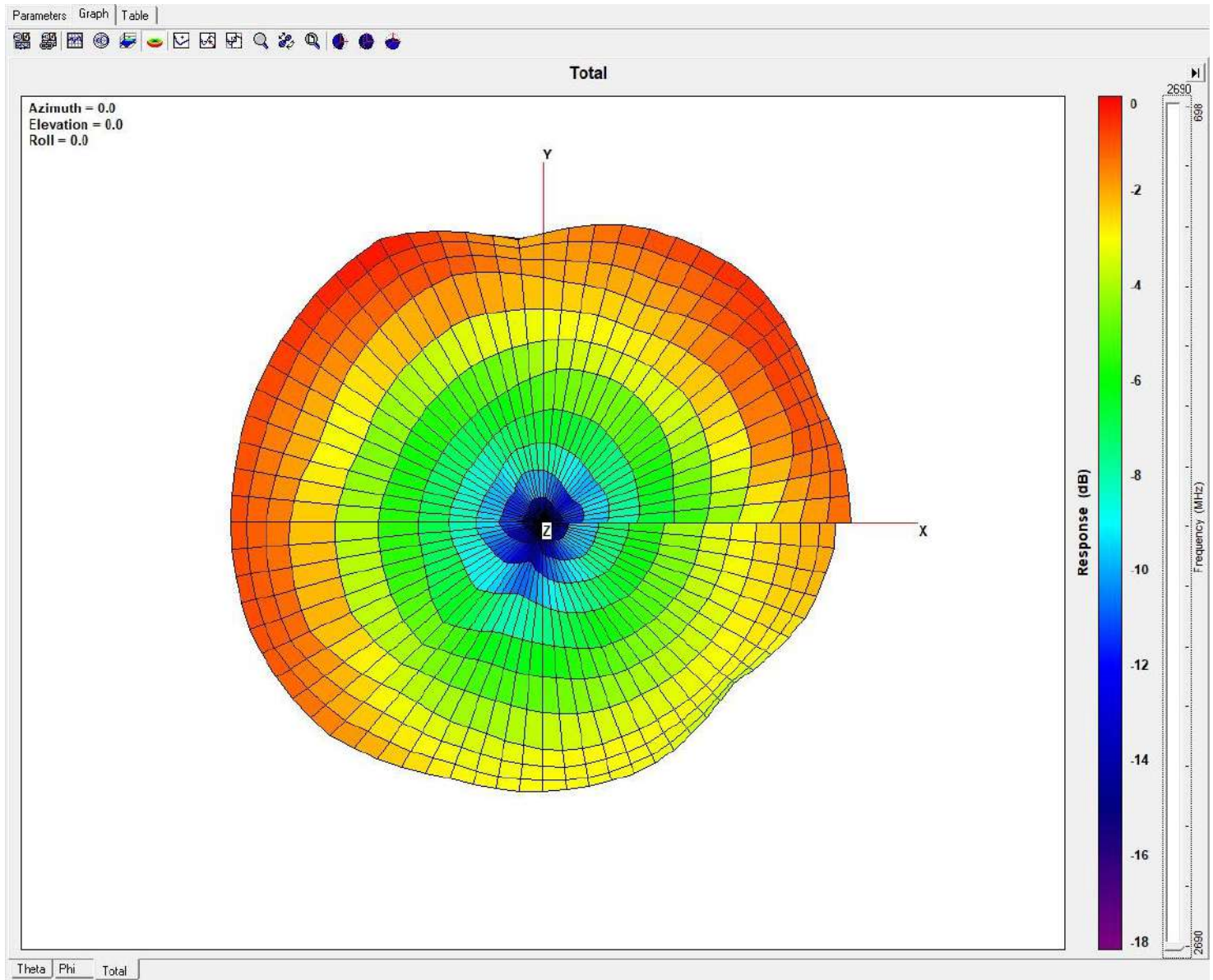
Center freq.(MHz): : 2170



Center freq.(MHz): : 2450



Center freq.(MHz): : 2690



Antenna

