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Always Innovation

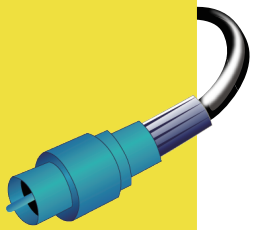
UKAS QUALITY MANAGEMENT
047

PRODUCT SPECIFICATION

2.4G Antenna

2dBi, Swivel with RP SMA Straight Plug

Product No. AR0035EW0119N

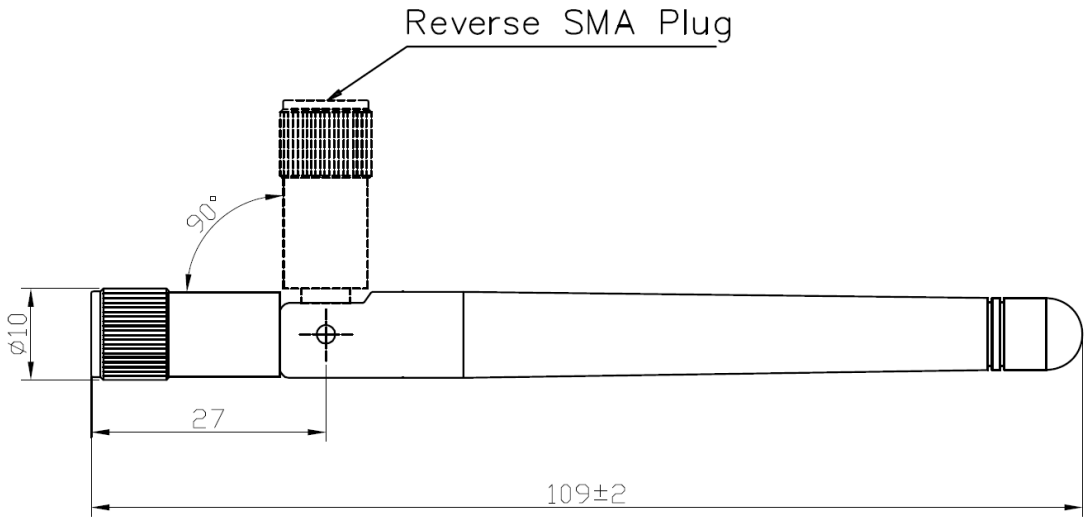


RF Connector, RF Cable & Antenna Manufacturer

2.4G Antenna 2dBi, Swivel with RP SMA Straight Plug

P/N AR0035EW0119N

Structure Figure



Unit: mm

Electrical Properties

Frequency Range	2.4 ~ 2.5 GHz
Impedance	50Ω
V.S.W.R.	≤ 2.0
Radiation	0mni
Gain	2dBi
Polarization	Vertical

Mechanical Properties

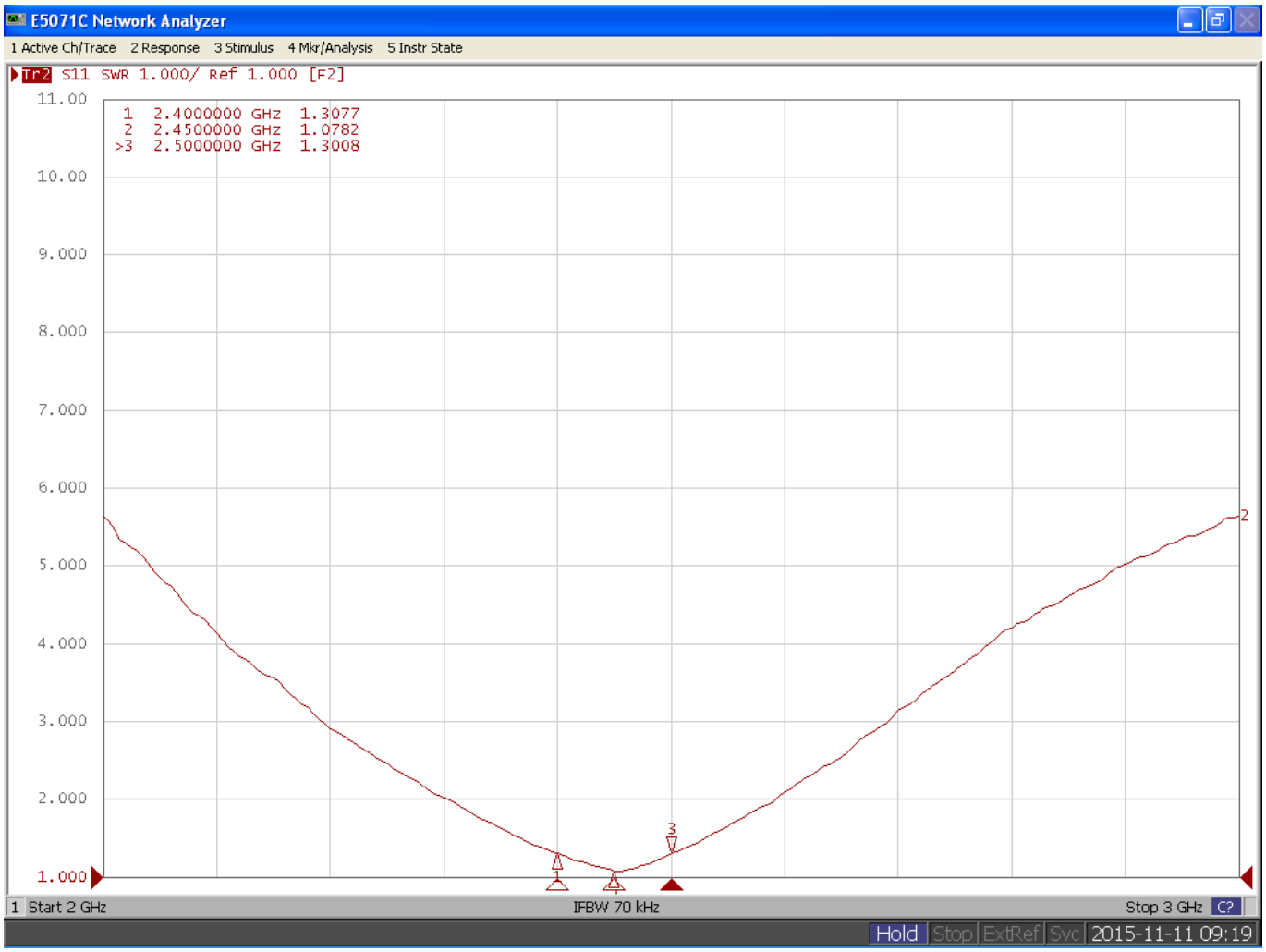
Whip	ABS
Connector	Brass
Operating Temp	-20°C ~ +65°C

Antenna Efficiency

Frequency (MHz)	2400	2450	2500
Peak Gain (dBi)	2.54	2.34	2.38
Directivity (dBi)	3.64	3.67	3.53
Efficiency (dB)	-1.1	-1.33	-1.15
Efficiency (%)	77.63	73.69	76.82

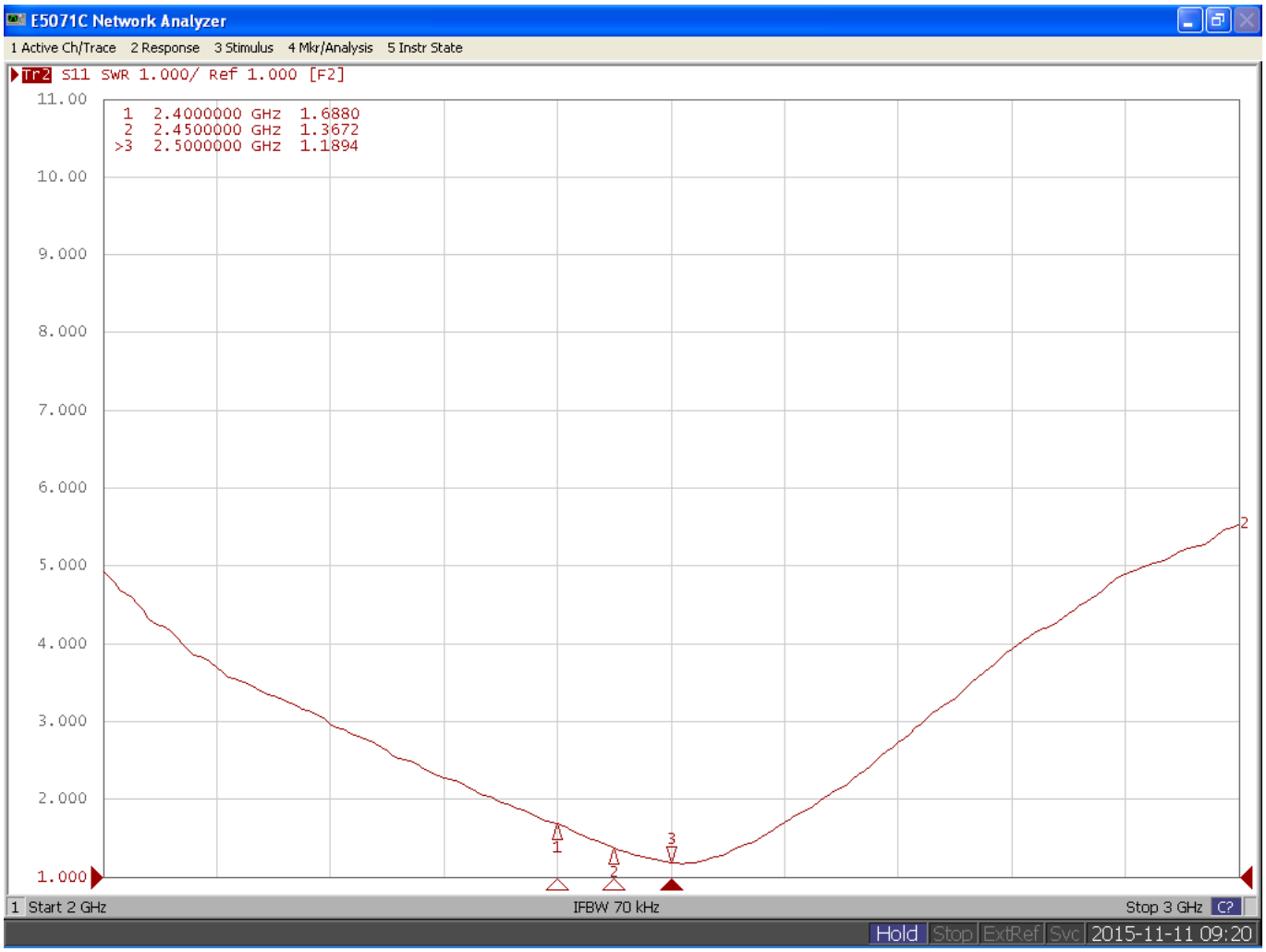
Test Report

Electrical Test (90°)



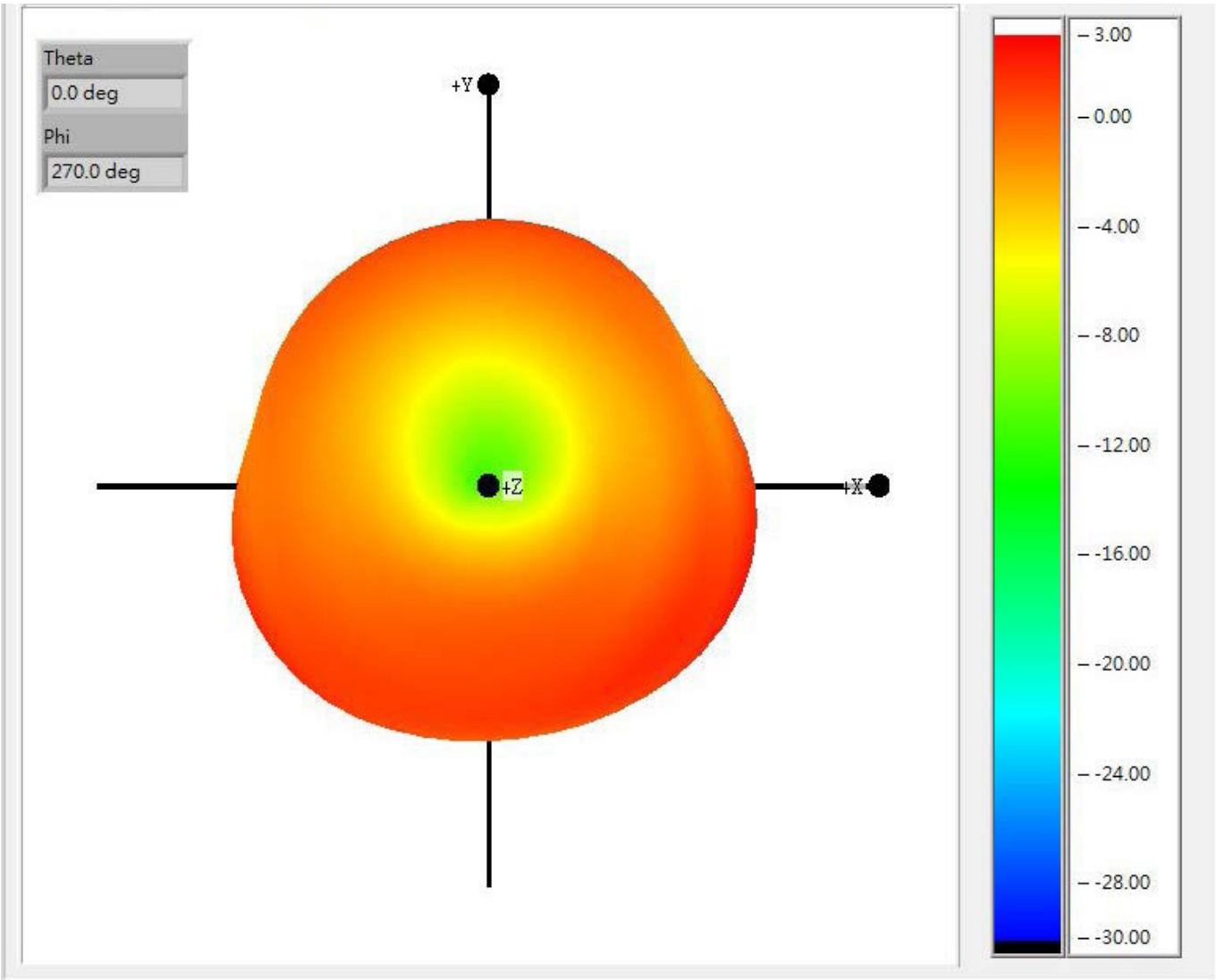
Test Report

Electrical Test (180°)



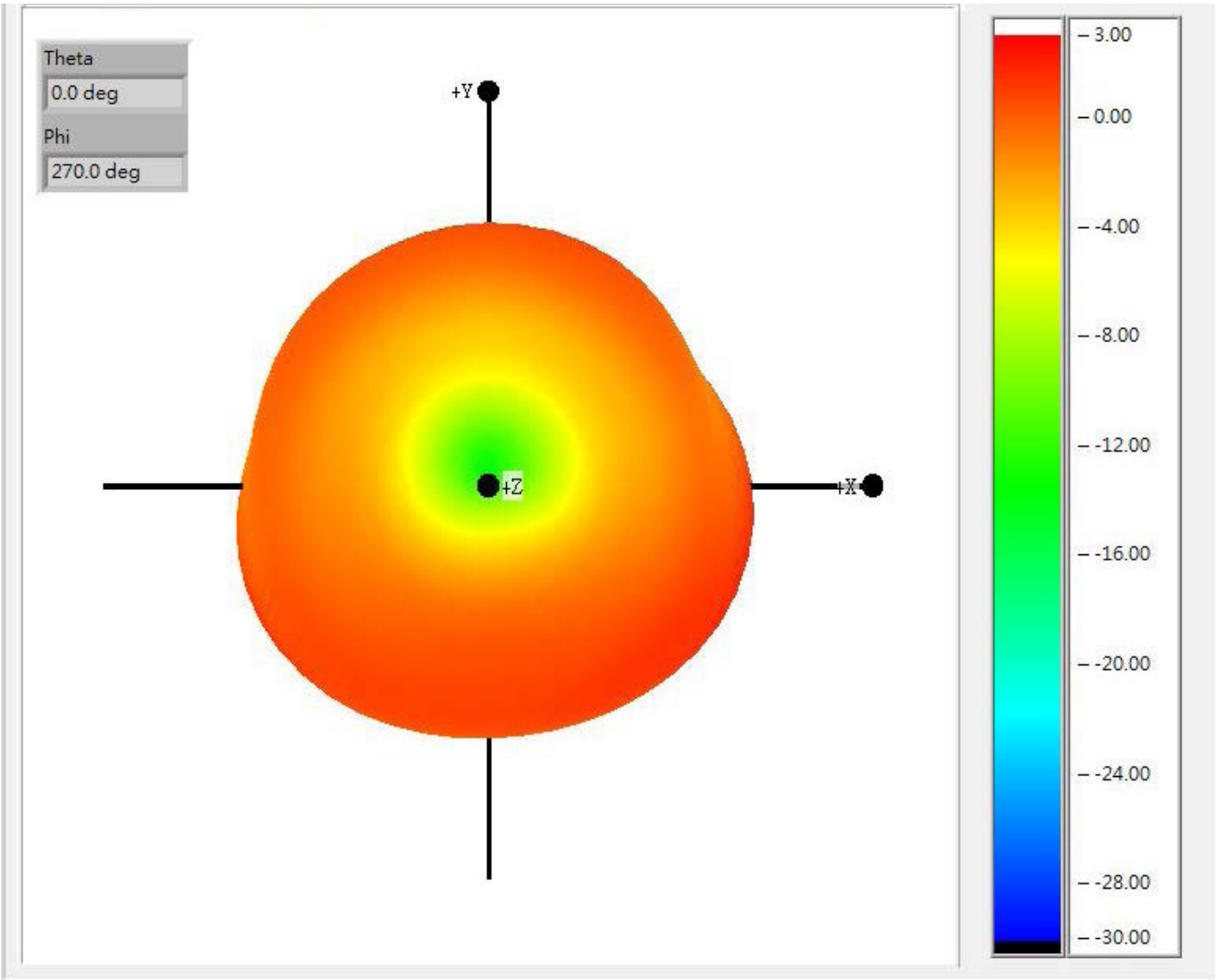
Test Report

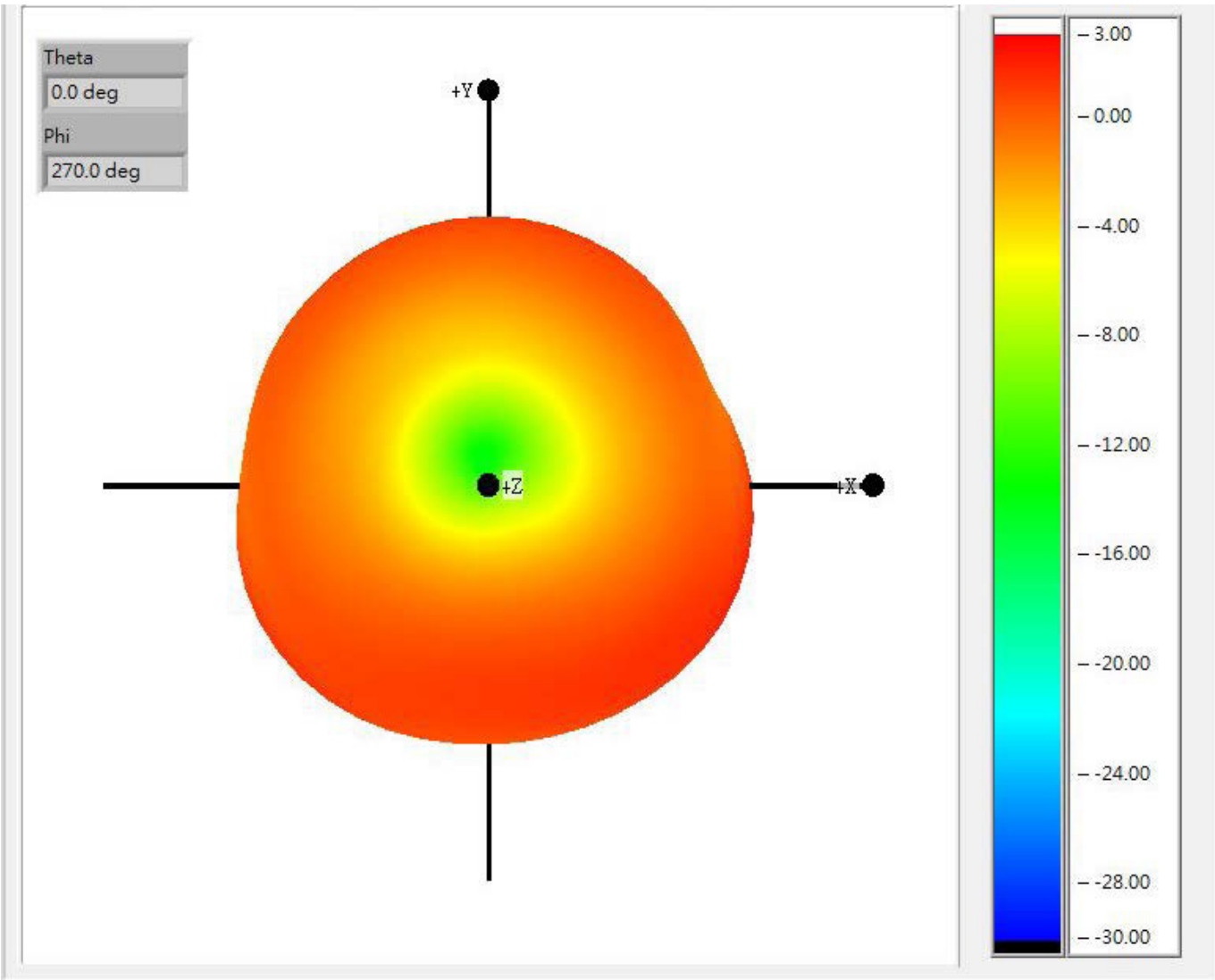
3D Radiation Pattern (2400 MHz)



Test Report

3D Radiation Pattern (2450 MHz)



Test Report

3D Radiation Pattern (2500 MHz)