

產 品 規 格 承 認 書

Specification For Approval

日 期： 2012/10/12

Date

編 號： R-20121012006

File No.

承認廠商： 勝傳科技股份有限公司

Customer

製造廠商： 維克摩爾科技有限公司

Manufacturer

型號品名 **MRFW1-0000197**

Part Number

Description L-Wlan Antenna 197

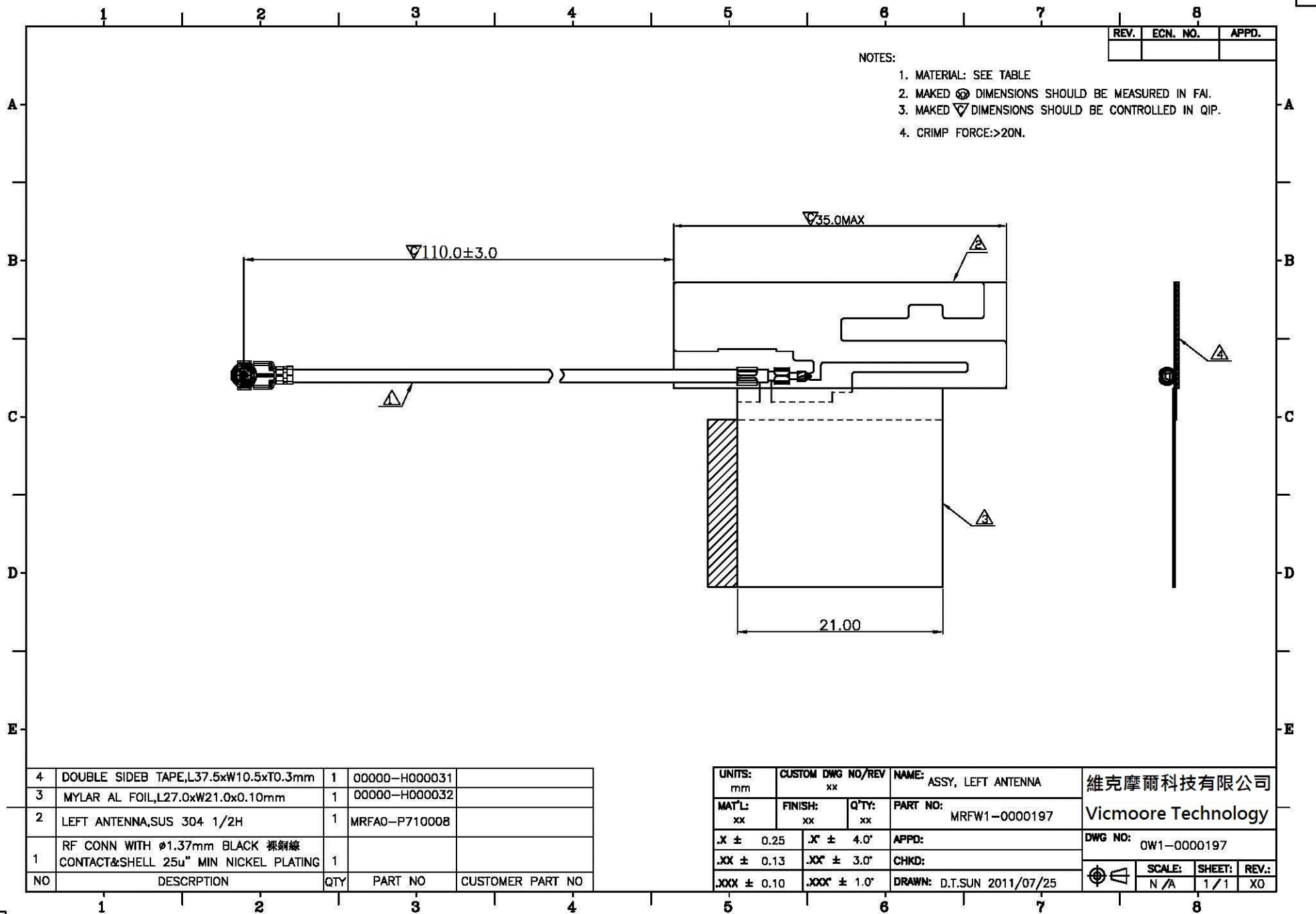
廠商審核：

Approved By

L-Wilan/Wimax antenna Spec

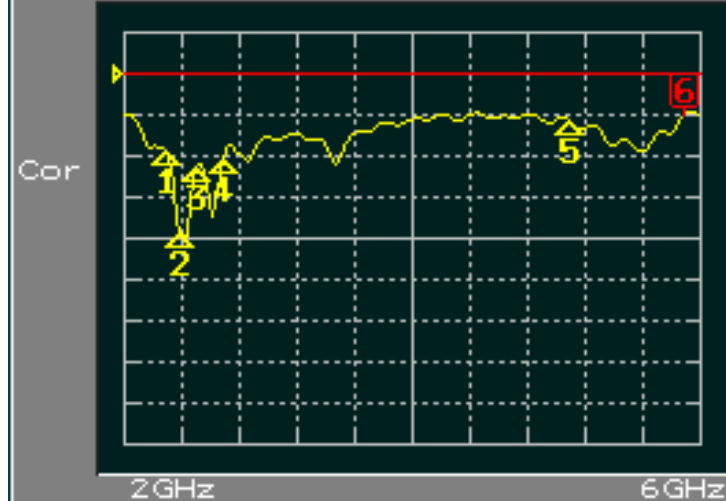
- Frequency: 2.3~2.7GHz/5.1~5.9GHz
- Antenna Type: IFA
- Peak Gain: >2dBi / 1dBi
- AVG %: >50% / 30%
- S11 Return loss: <-8dB(SWR<2.2)
- Cable: L 110 mm, Phi 1.13 mm



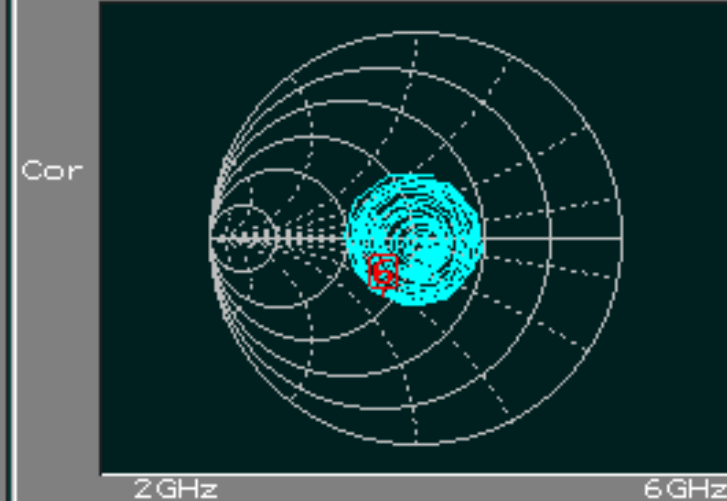


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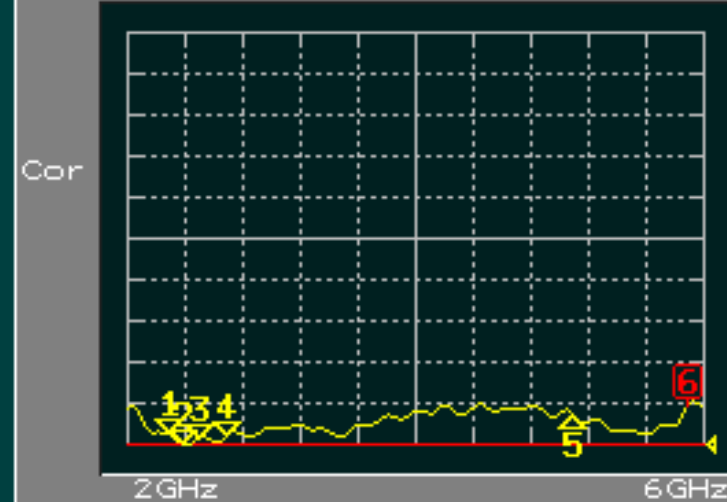
CH1 S11
REF 0.000 dB LOG MAG 10.000 dB/
MKR 6: 5.9GHz
-10.073 dB



S11
FS 1.000 SMITH(G+jB)
MKR 6: 5.9GHz
32.041 Ω -19.398 Ω



CH4 S11
REF 1.000 SWR 1.000 /
MKR 6: 5.9GHz
1.913



FORMAT

LOG MAG

PHASE

DELAY

SMITH
(R+jX)

SMITH
(G+jB)

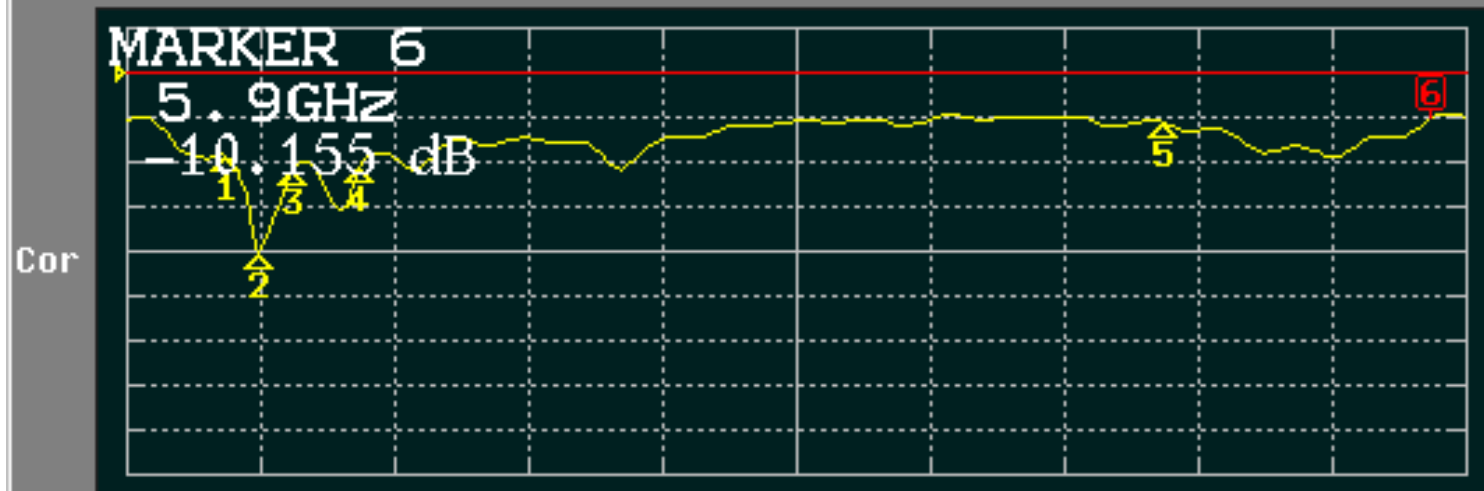
POLAR

LIN MAG

More 1/2

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CH1 S11 LOG MAG MKR 6: 5.9GHz
REF 0.000 dB 10.000 dB/ -10.155 dB



START 2GHz [10.00 dBm] STOP 6GHz

CH1 MARKER LIST

1:	2.300 000GHz	-18.748 dB
2:	2.400 000GHz	-40.544 dB
3:	2.500 000GHz	-21.987 dB
4:	2.700 000GHz	-21.468 dB
5:	5.100 000GHz	-11.208 dB
6:	5.900 000GHz	-10.155 dB
7:		
8:		
9:		
10:		

MKR

ACTIVATE
MARKER

6

MARKER
ALL OFF

ΔMODE MENU

MKR LIST

ON OFF

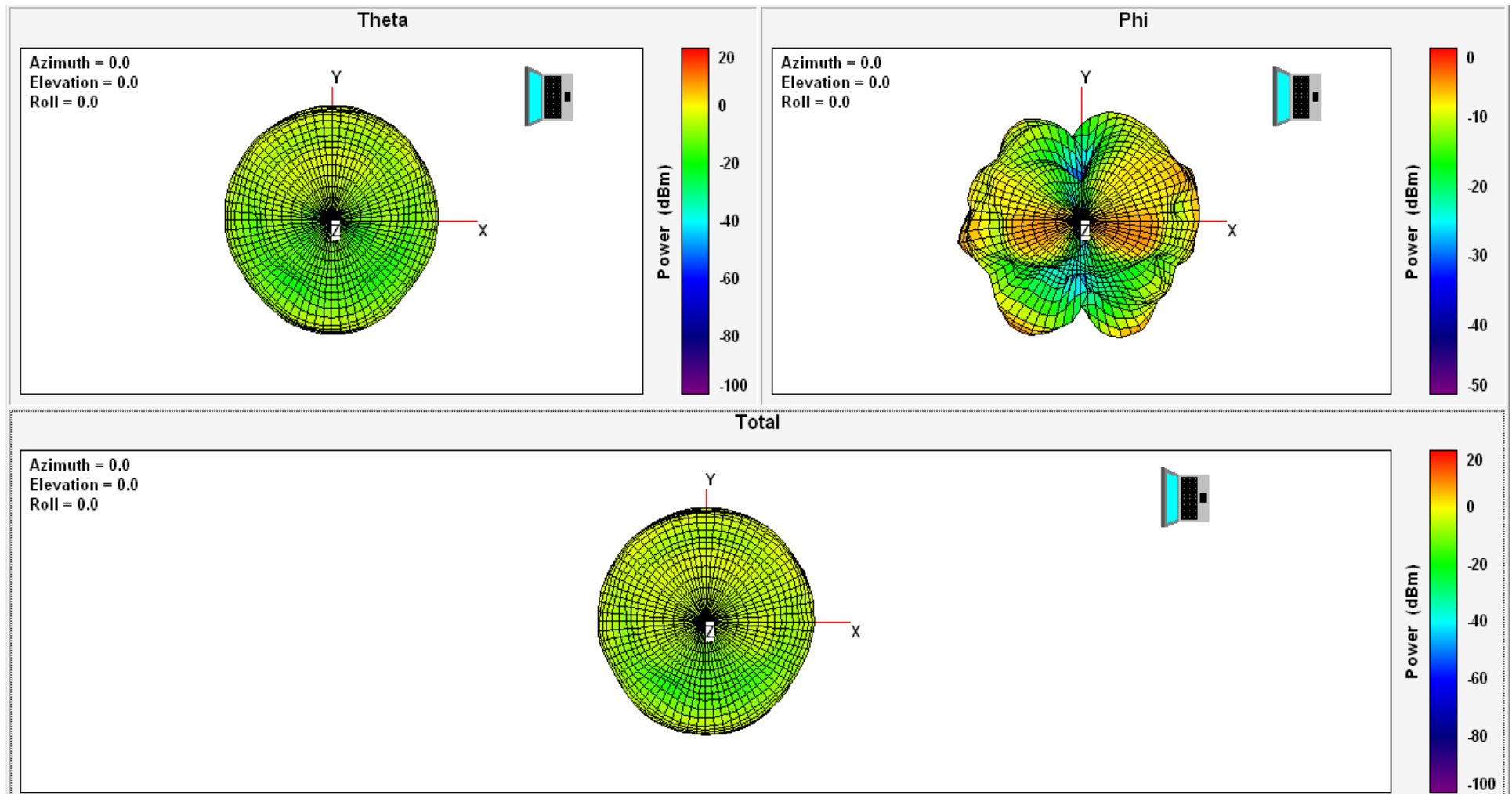
MARKER
MODE MENU

3D Gain for

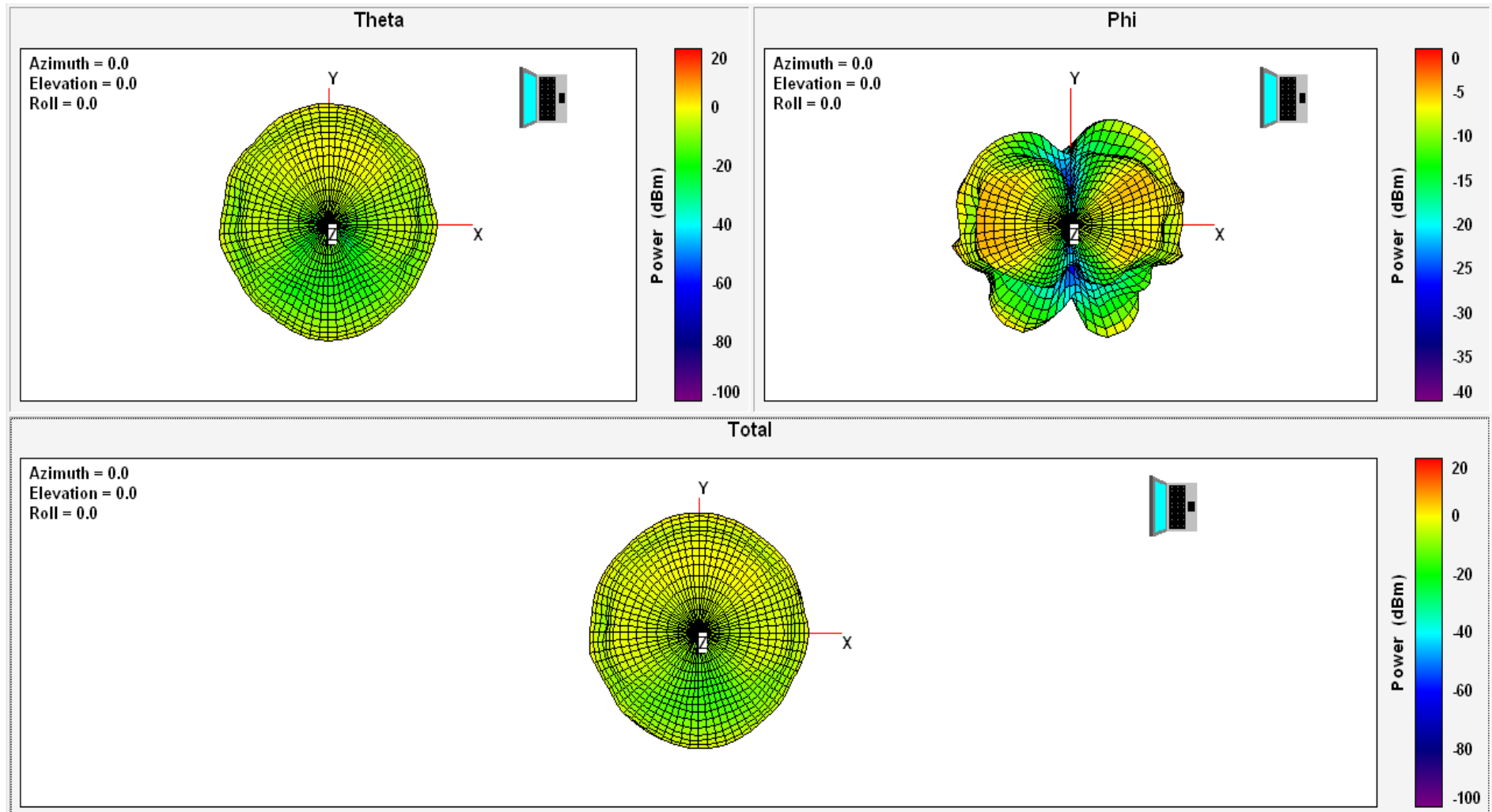
Total	Frequency (MHz)	2300	2400	2450	2500	2600	2700
	Tot. Rad. Pwr. (dBm)	-2.11272	-1.74848	-2.09625	-1.60285	-1.85764	-1.84733
	Peak EIRP (dBm)	3.95246	4.45899	3.24774	3.71928	4.03504	3.68663
	Directivity (dBi)	6.06518	6.20747	5.34398	5.32214	5.89268	5.53396
	Efficiency (dB)	-2.11272	-1.74848	-2.09625	-1.60285	-1.85764	-1.84733
	Efficiency (%)	61.4791	66.8578	61.7128	69.1377	65.1983	65.3532

5150	5250	5350	5450	5550	5650	5750	5850
-2.60945	-2.93434	-2.23986	-2.38804	-2.73779	-2.46347	-3.92273	-4.8621
1.29502	1.21181	1.97994	2.70885	2.27012	2.17277	0.78507	0.961396
3.90447	4.14614	4.21981	5.09689	5.00792	4.63624	4.7078	5.82349
-2.60945	-2.93434	-2.23986	-2.38804	-2.73779	-2.46347	-3.92273	-4.8621
54.8346	50.8823	59.7054	57.7026	53.2379	56.7092	40.5254	32.643

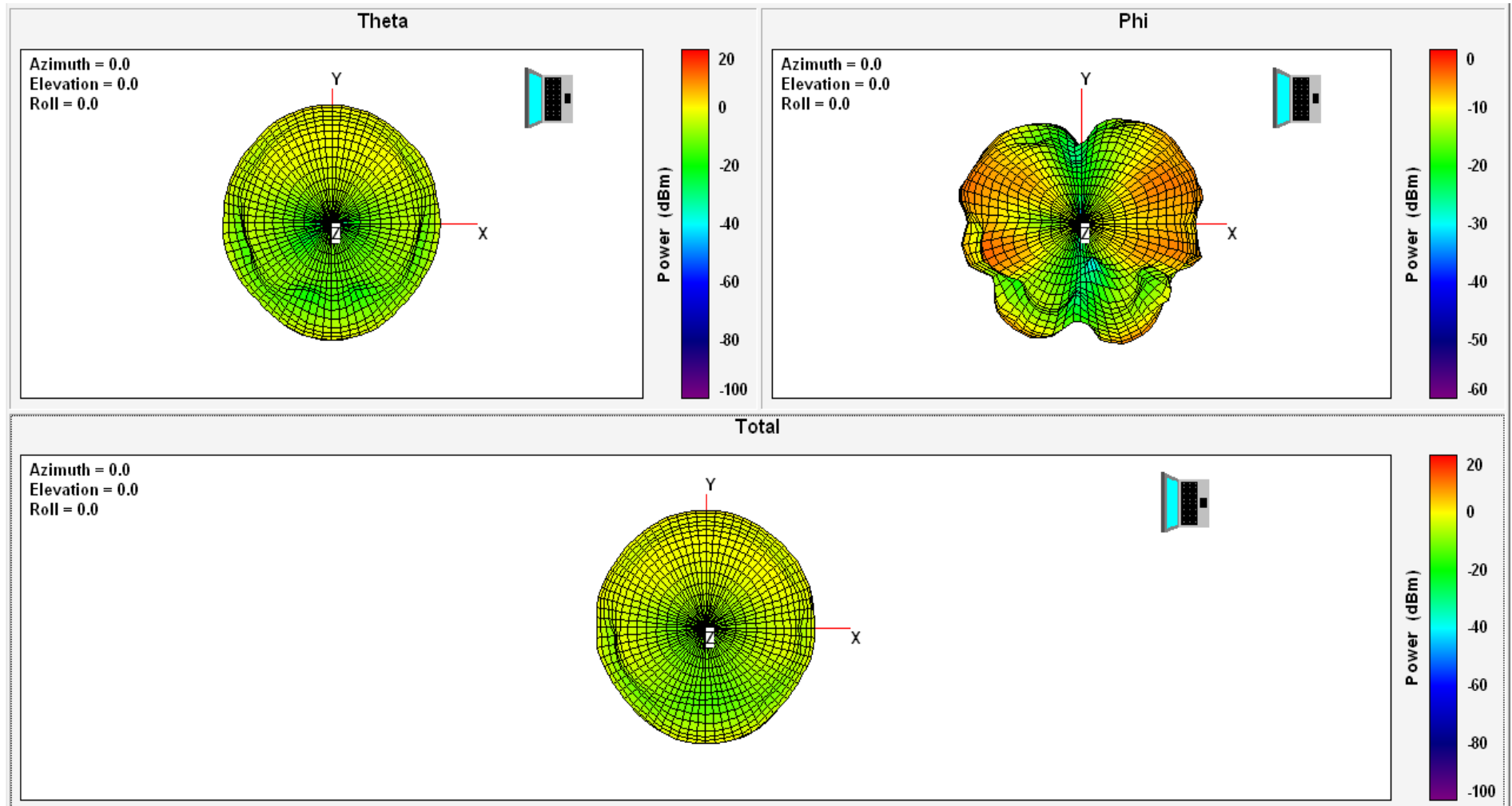
3D Pattern for 2300MHz



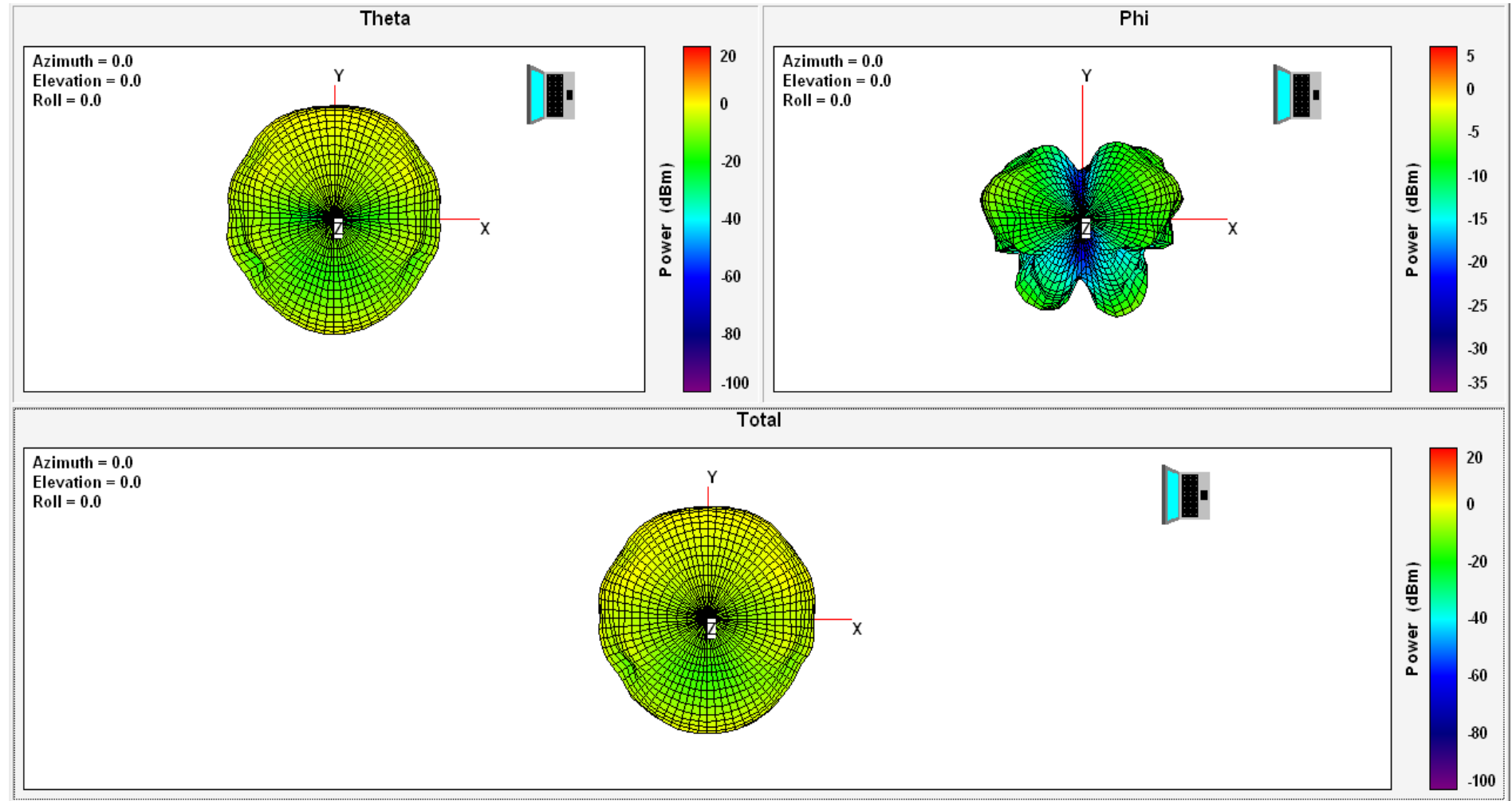
3D Pattern for 2400MHz



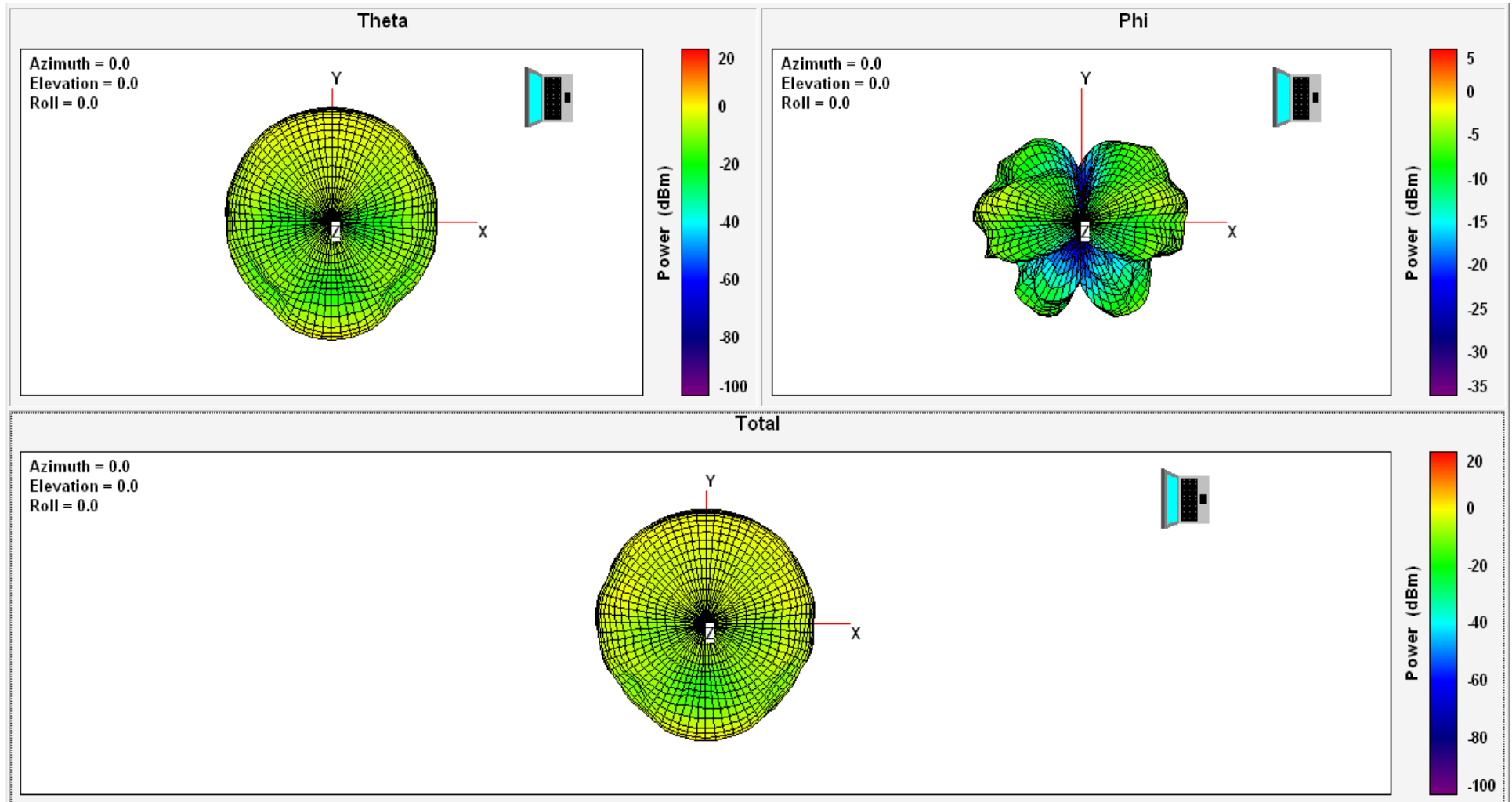
3D Pattern for 2500MHz



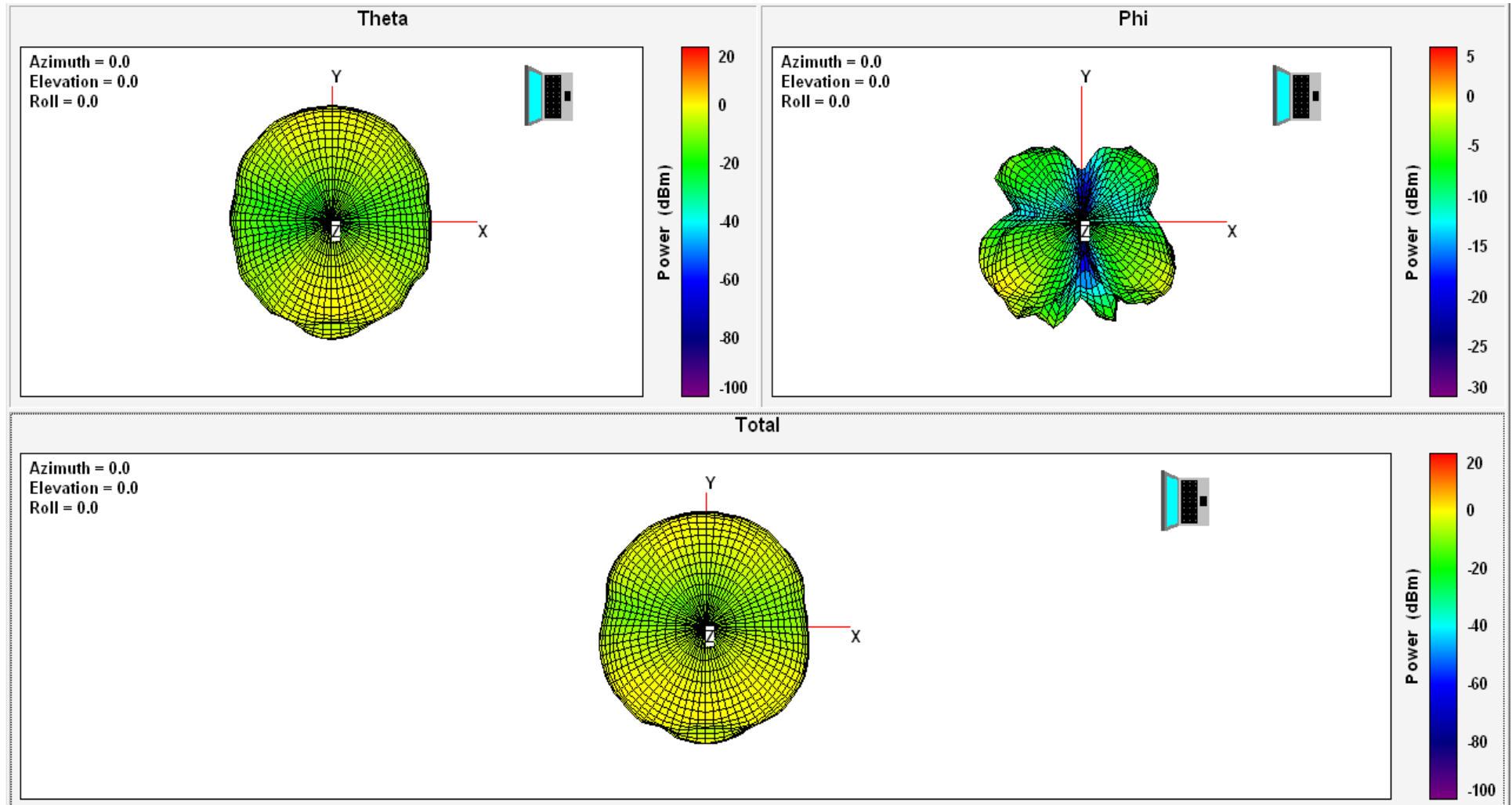
3D Pattern for 2600MHz



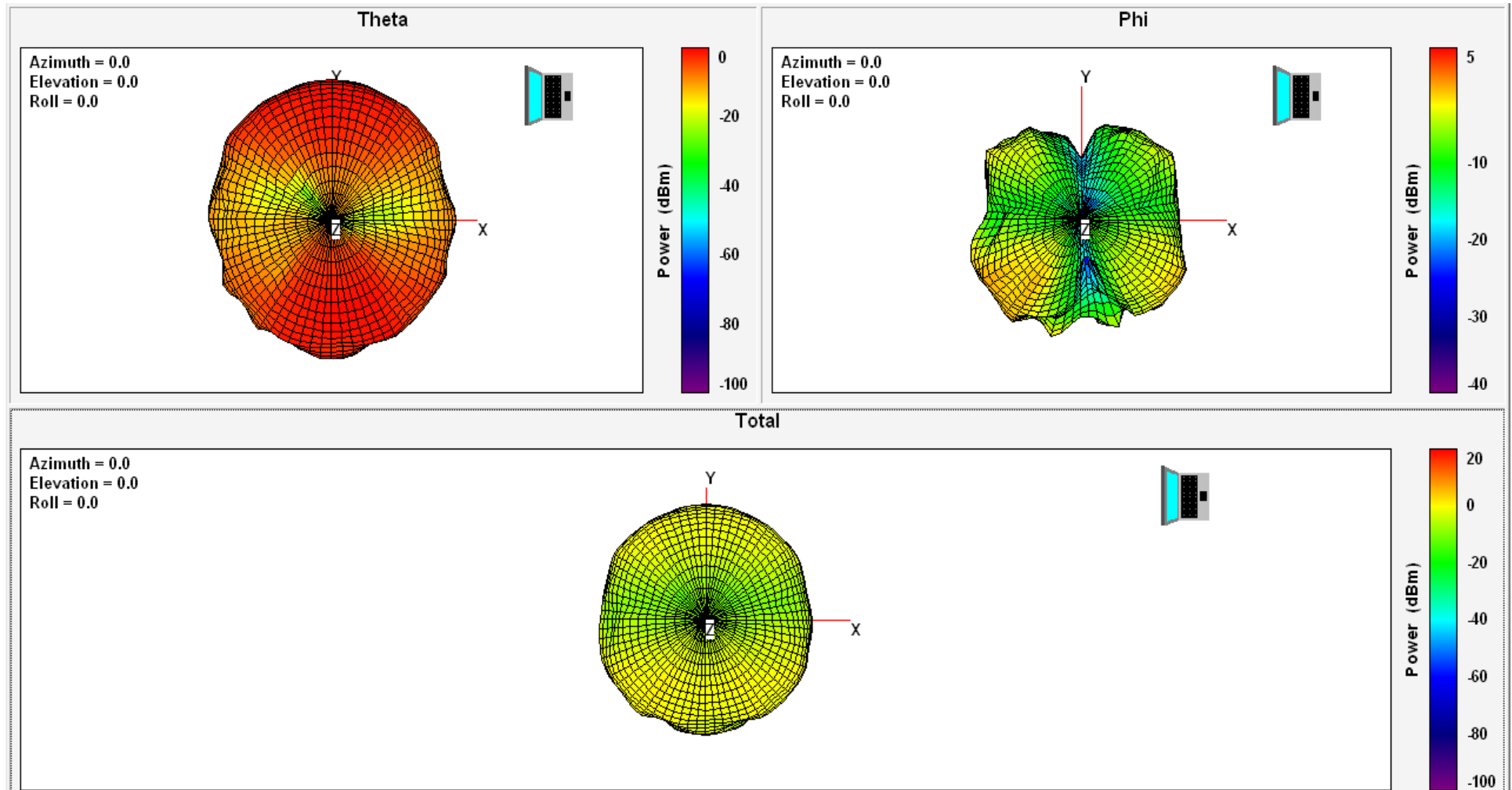
3D Pattern for 2700MHz



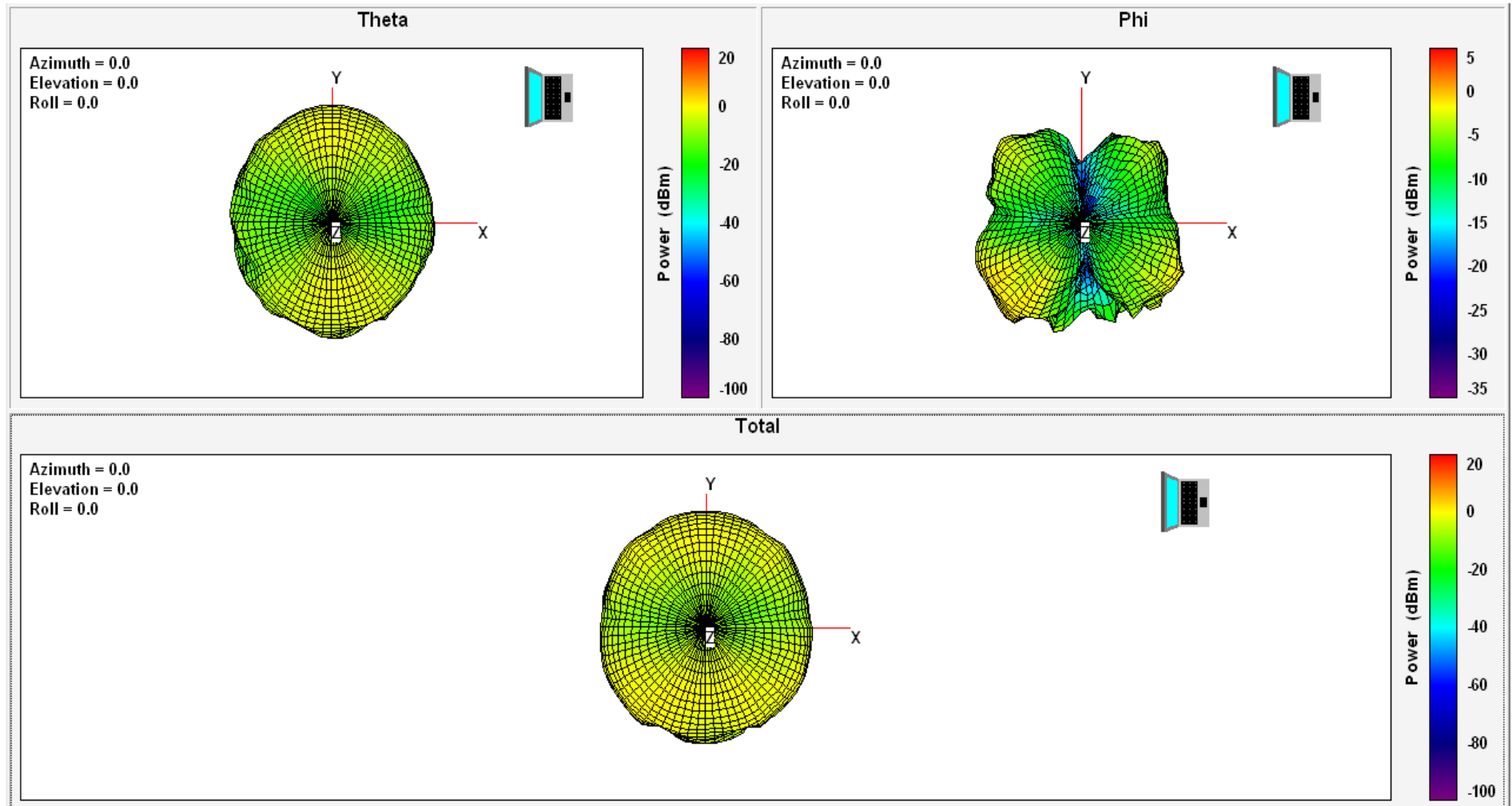
3D Pattern for 5150MHz



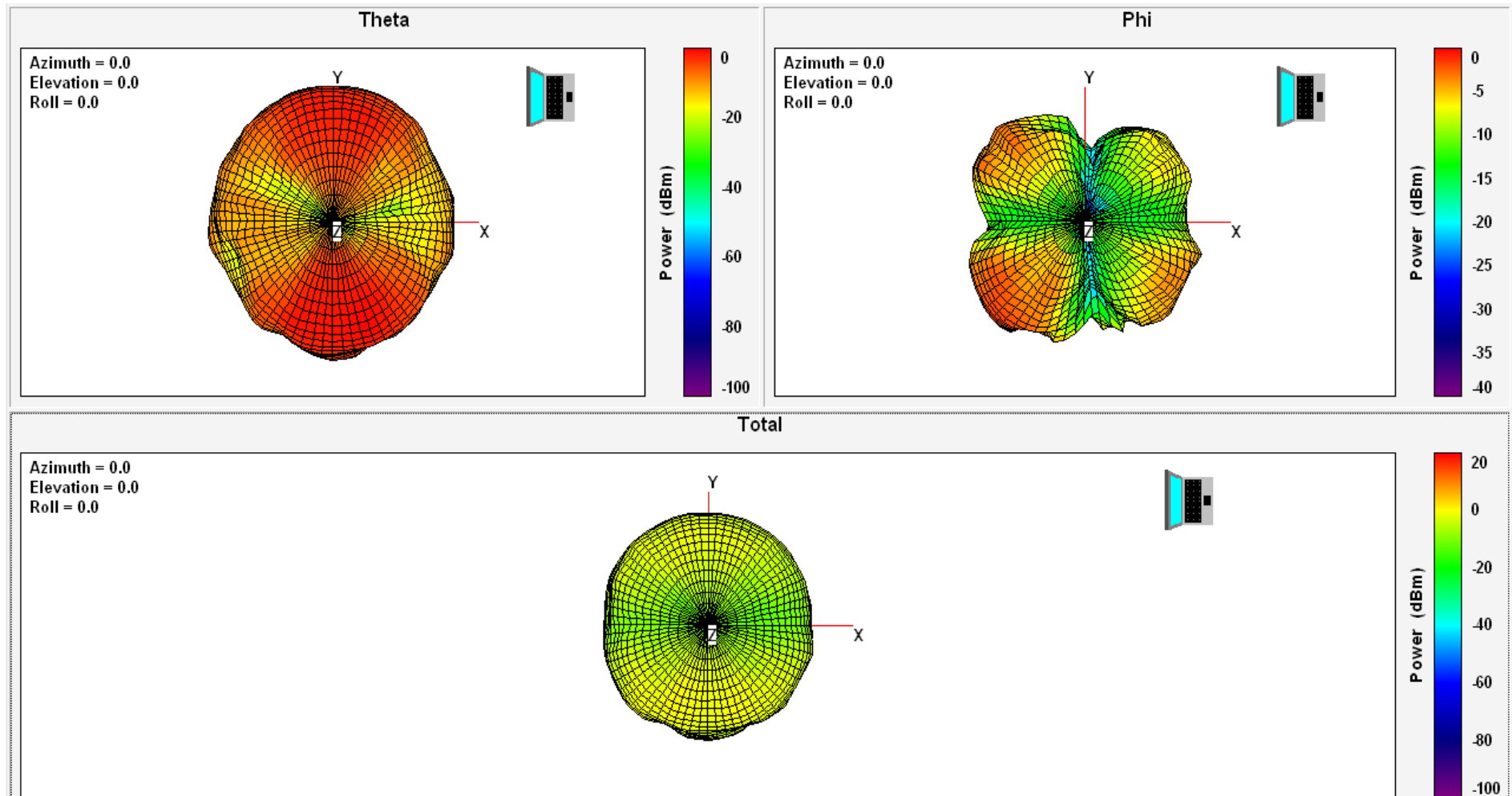
3D Pattern for 5350MHz



3D Pattern for 5550MHz



3D Pattern for 5750MHz



3D Pattern for 5850MHz

