



AN_A7105_03

Preliminary

Application Note AN_A7105_03

2.4 GHz Antenna Radiation Pattern (Test in ADT)



Document Title

Application Note AN_A7105_03

Revision History

<u>Rev.</u>	<u>History</u>	<u>Issue Date</u>	<u>Remark</u>
0.0	Initial issue	January, 2009	Preliminary
0.1	Change English Company Name	Nov. 30, 2010	Preliminary



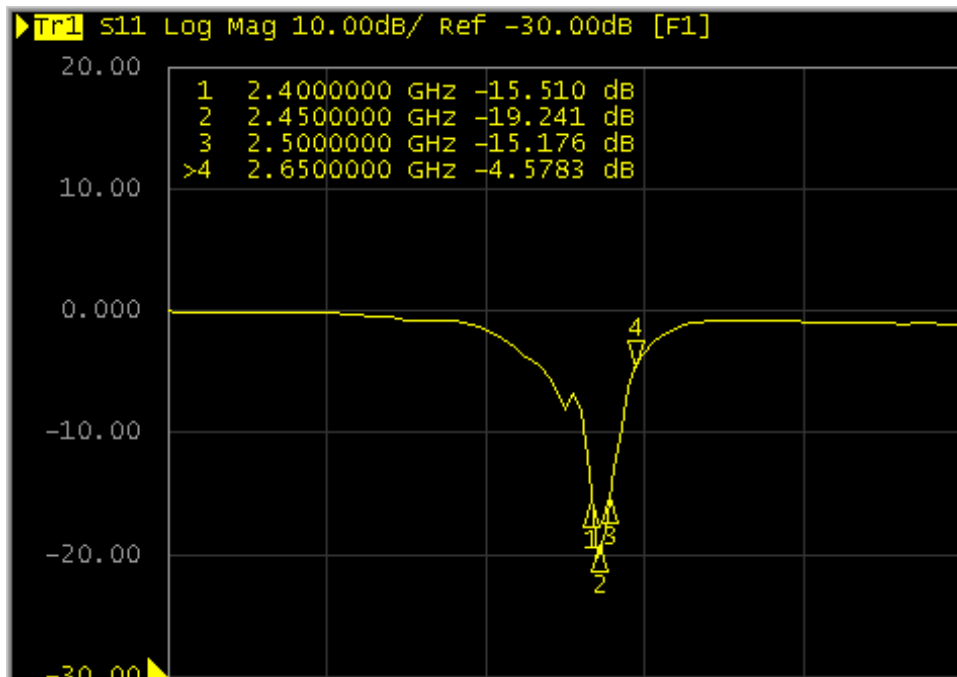
Table of Contents

1. N06E Antenna	3
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1. N06E Antenna

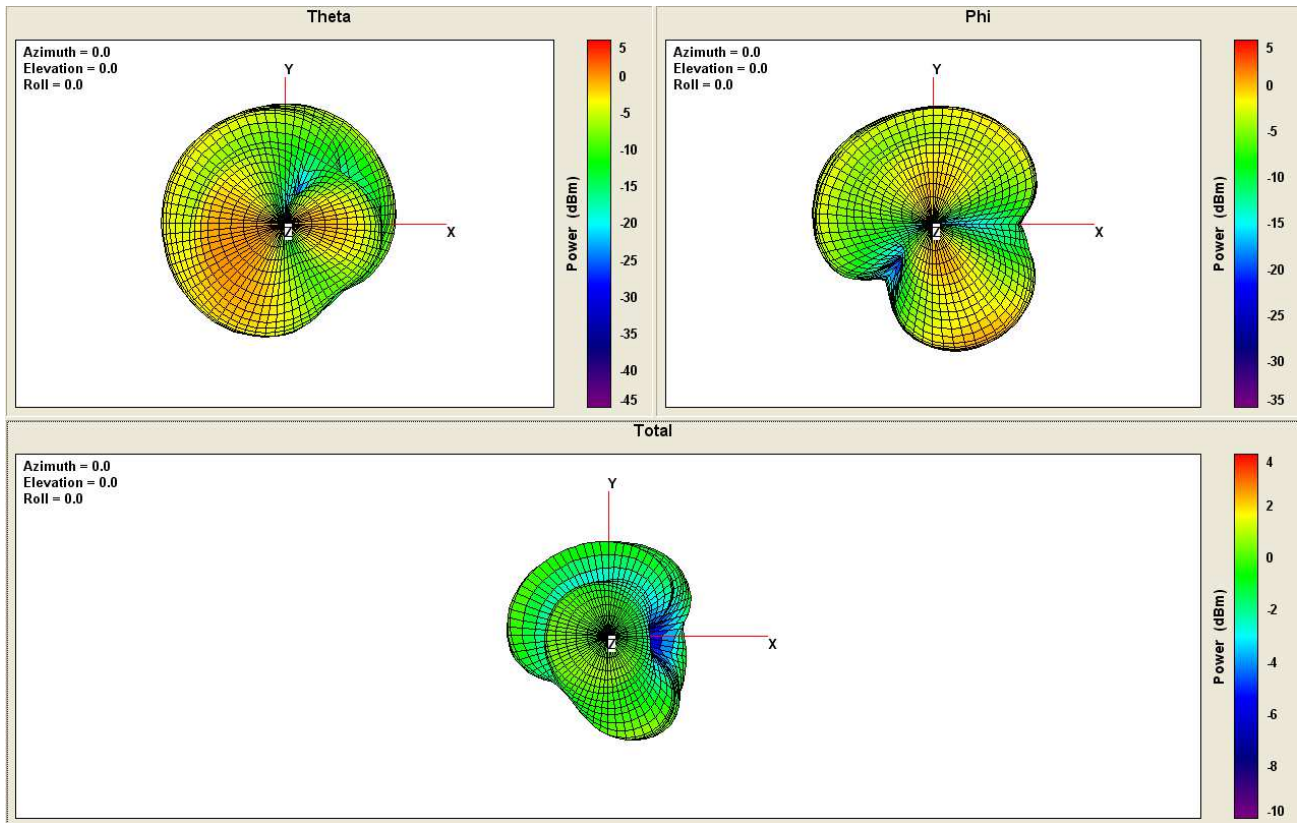
1.1 N06E Antenna Picture

1.2 Antenna S11

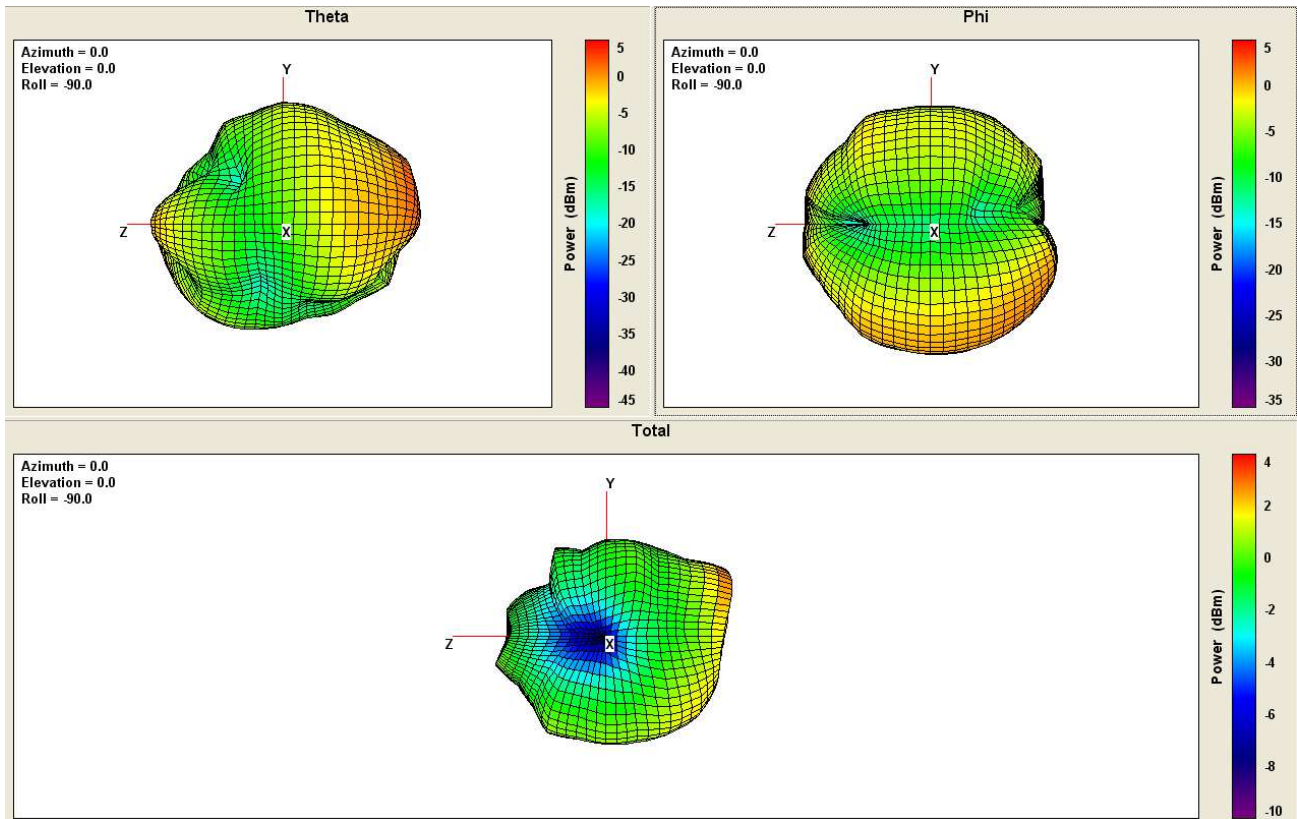


1.3 Antenna Pattern (3-D)

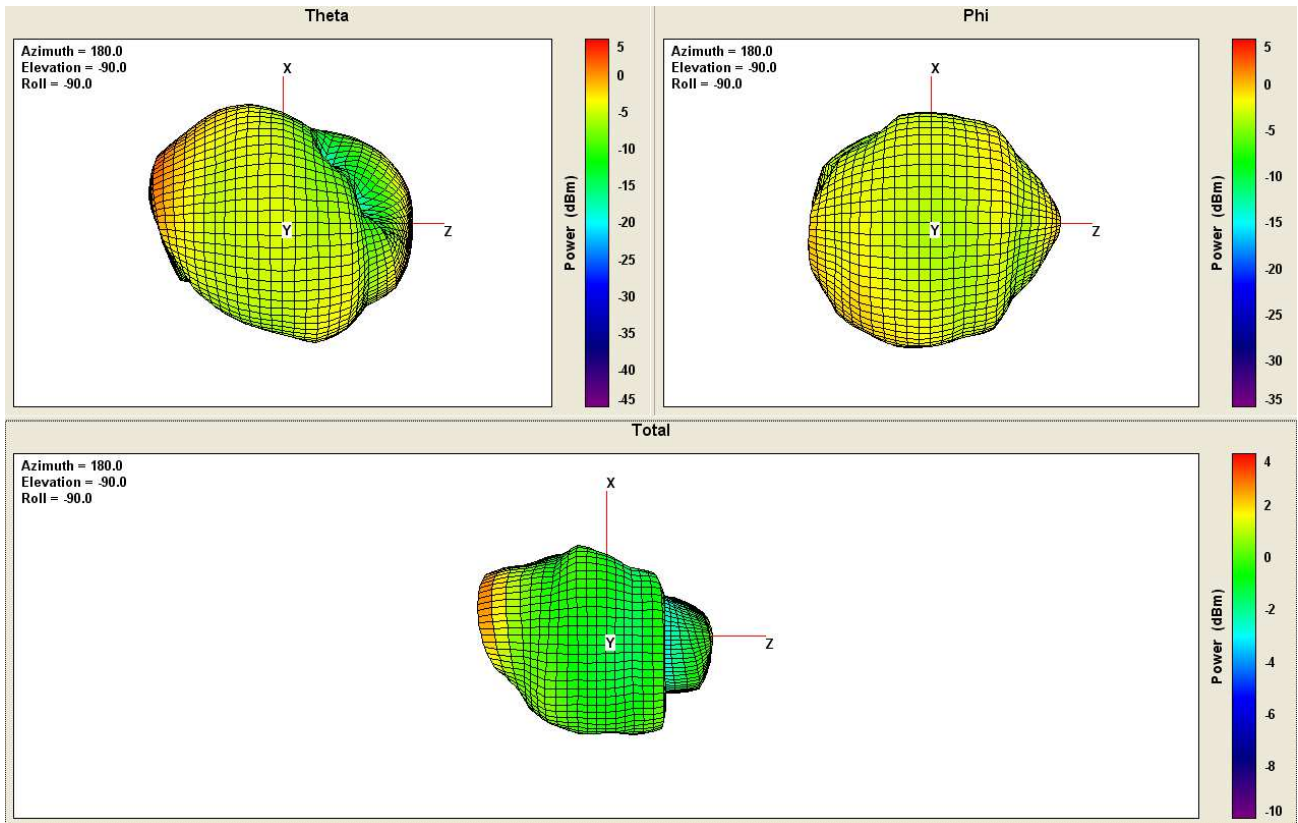
1.3.1 XY plane



1.3.2 YZ plane



1.3.3 XZ plane



1.4 Antenna Efficiency

Frequency (MHz)	2400	2450	2500
Ant. Port Input Pwr. (dBm)	0	0	0
Efficiency (%)	80.3991	78.6404	74.5342
Average Gain (dB)	-0.947487	-1.04354	-1.27644
Peak Gain(dBi)	3.123521	3.137165	3.271384

1.5 Antenna Dimension

1.6 Antenna manufacturer

H. J. T. Electronics Ltd
 Floor 5, TowerAB, TianJi Building, TianAn Cyber Park, FuTian District, ShenZhen, China.P.C.518031.