



Test Report of WLAN Antenna Cable Assembly For Wistron Canary Project

HannStar Electronics Corporation

Jimmy Lin

R & D Center/ Advanced Research Division

Tel: +886-2-2277-9377 Ext. 292 Fax: +886-2-2994-4240

E-mail:leo_chong@elc.hannstar.com.tw

No. 5, Lane 211, Hwa Chen Rd., Hsin Chuang Taipei Hsian, Taiwan, R.O.C.

Prepared: Jimmy Lin	Checked: Allen Lin	Approved: Hans JONG	Date: 10/14/2003
DCN: RA-TR000-030029		Version: B	Page: 1 of 11



1. General

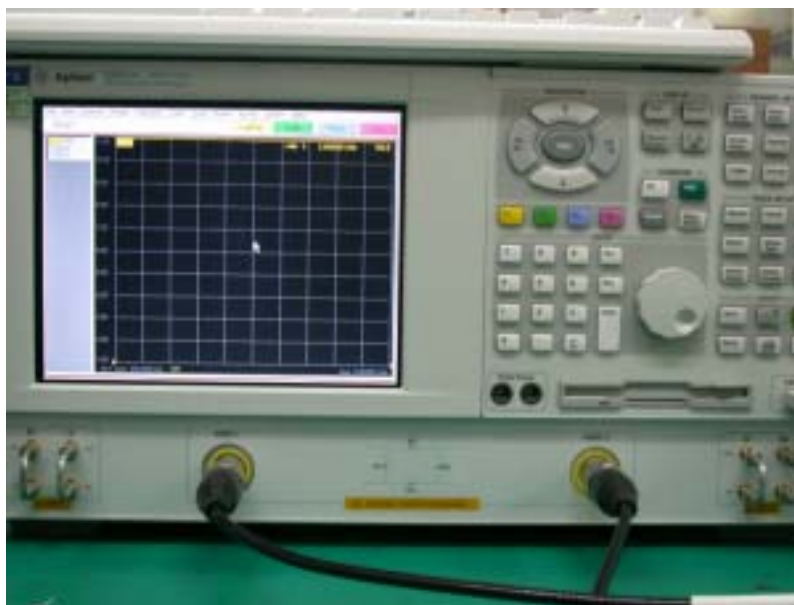
This document is the test result for PIFA . All test result are on the full set.

2. Test condition

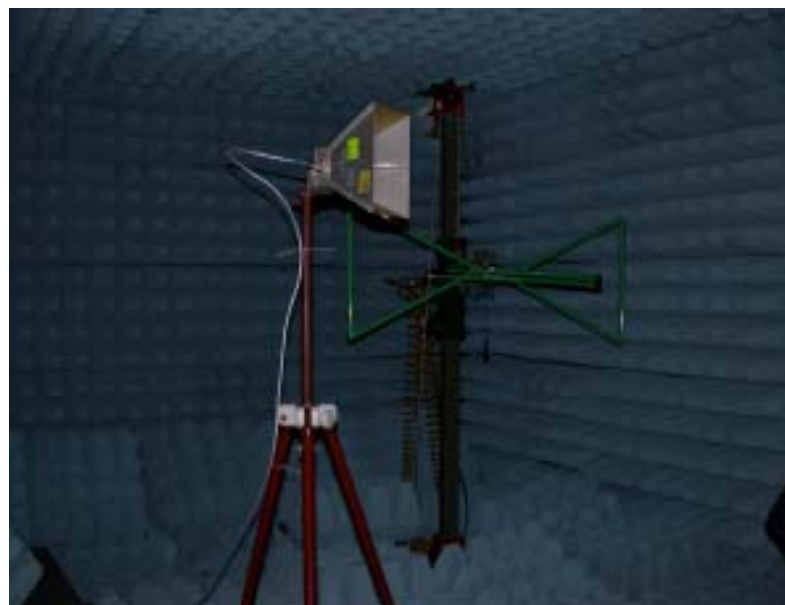
- (1) Temperature : 15 to 35 ° C
- (2) Humidity : : 25% to 85%
- (3) Atmospheric : 86kPa to 106kPa

3. Instrument:

- (1). Network Analyzer: Agilent E8357A



- (2) Chamber



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DCN: RA-TR000-030029		Version: B	Page: 2 of 11



4. Describe

4-1 Photo:

Top Antenna

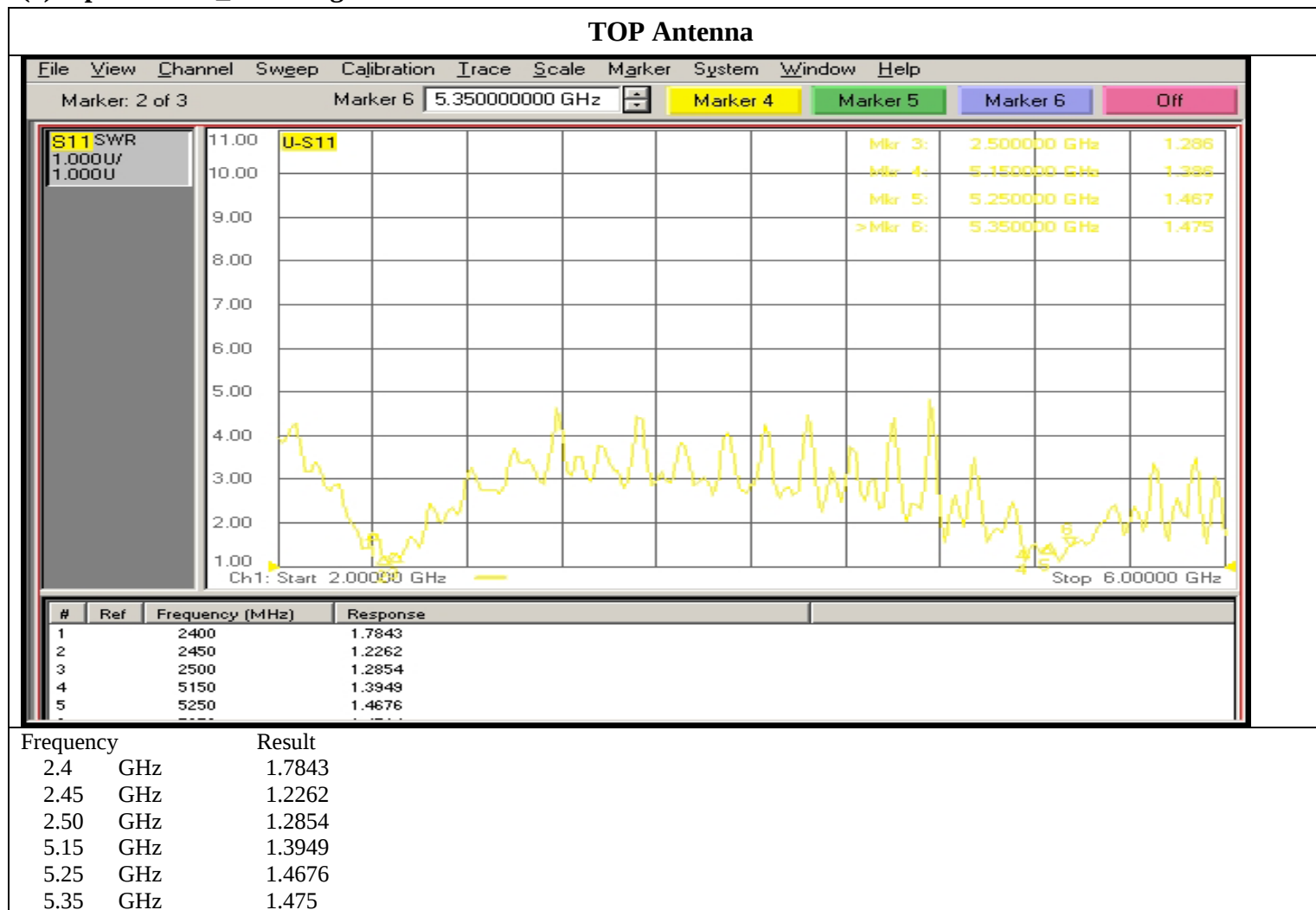


Prepared: Jimmy Lin	Checked: Allen Lin	Approved: Hans JONG	Date: 10/14/2003
DCN: RA-TR000-030029		Version: B	Page: 3 of 11



4-2 Test result:

(a) S-parameter _SWR-Right



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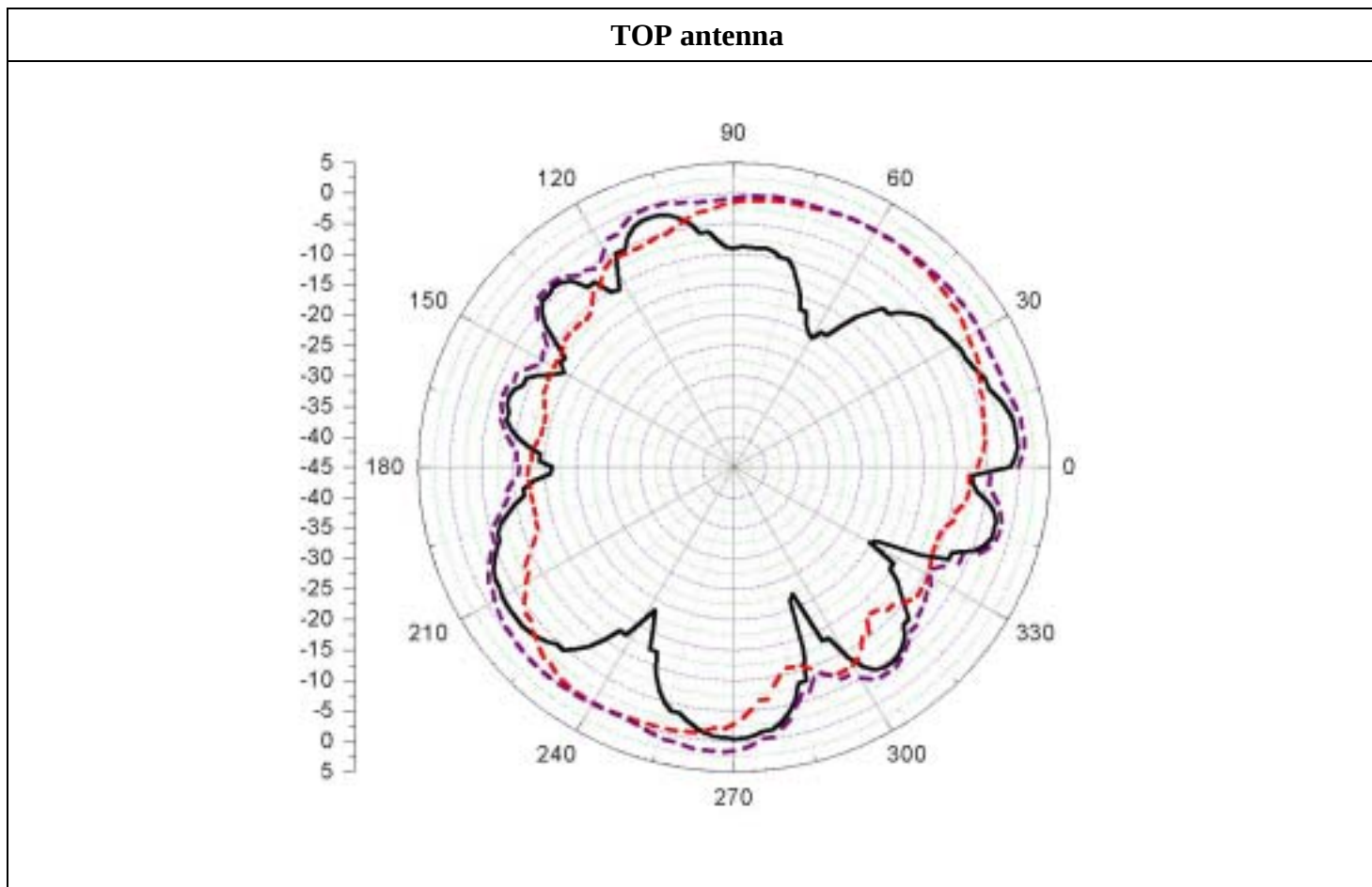
Version: B

Page: 4 of 11



(b) Radiation Pattern

2.4 GHz — H-Plane E-Plane H+V-Plane



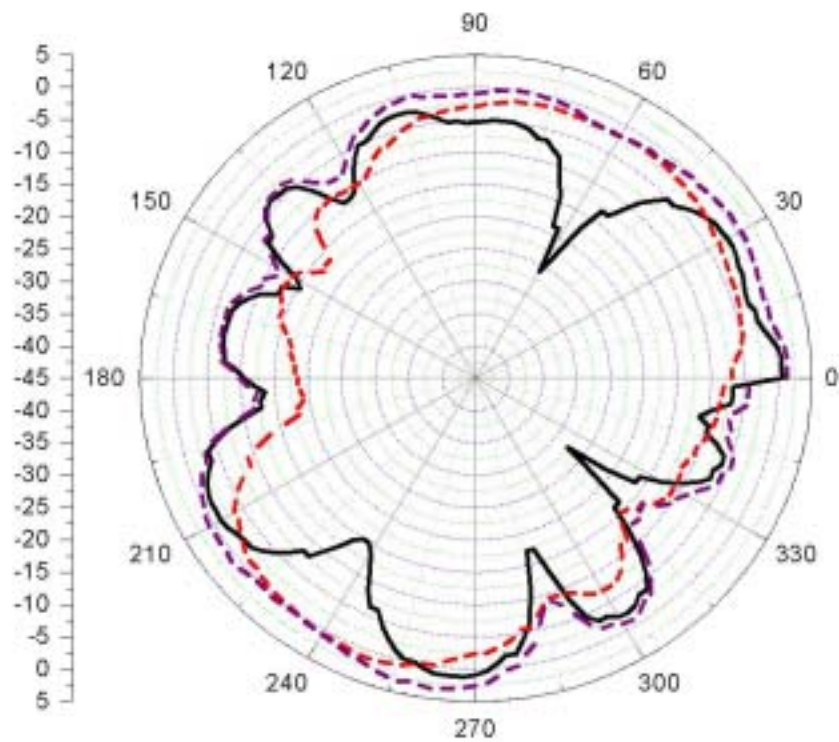
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DCN: RA-TR000-030029		Version: B	Page: 5 of 11



2.45 GHz

— H-Plane E-Plane H+V-Plane

TOP antenna



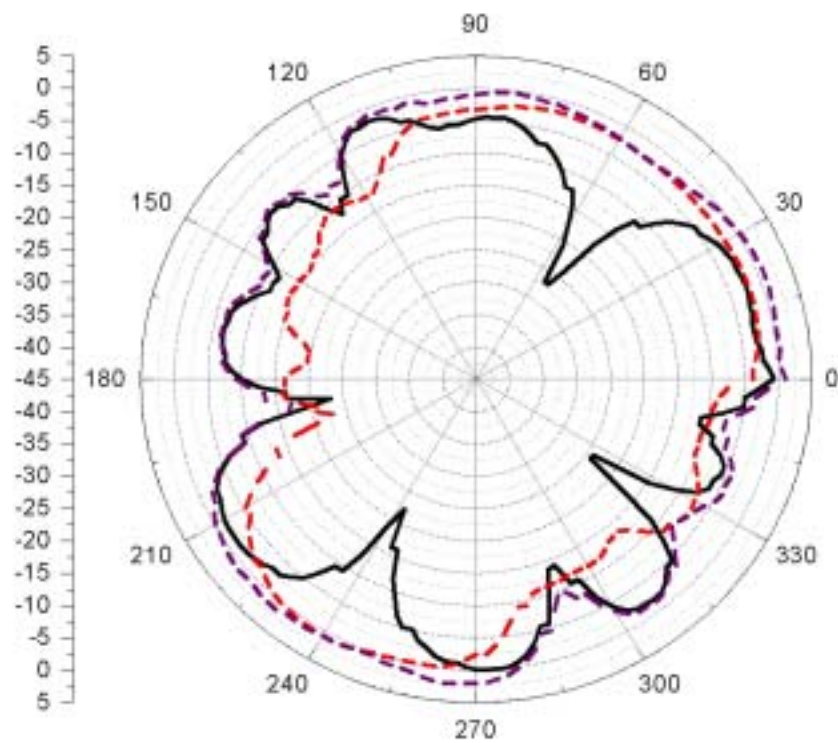
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DCN: RA-TR000-030029		Version: B	Page: 6 of 11



2.5 GHz

— H-Plane E-Plane H+V-Plane

TOP antenna

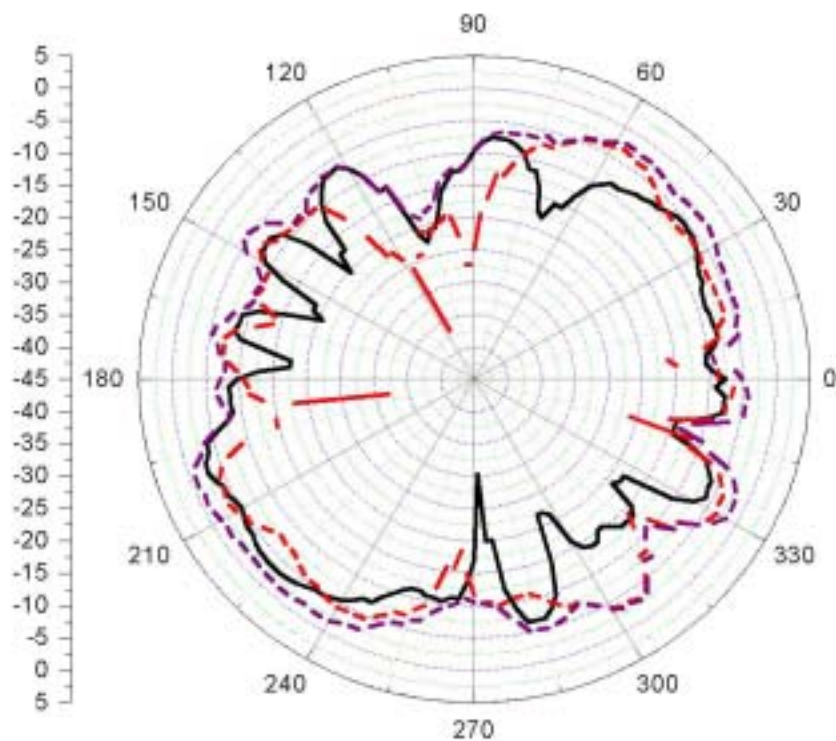


Prepared: Jimmy Lin	Checked: Allen Lin	Approved: Hans JONG	Date: 10/14/2003
DCN: RA-TR000-030029		Version: B	Page: 7 of 11



5.15 GHz — H-Plane E-Plane H+V-Plane

TOP antenna



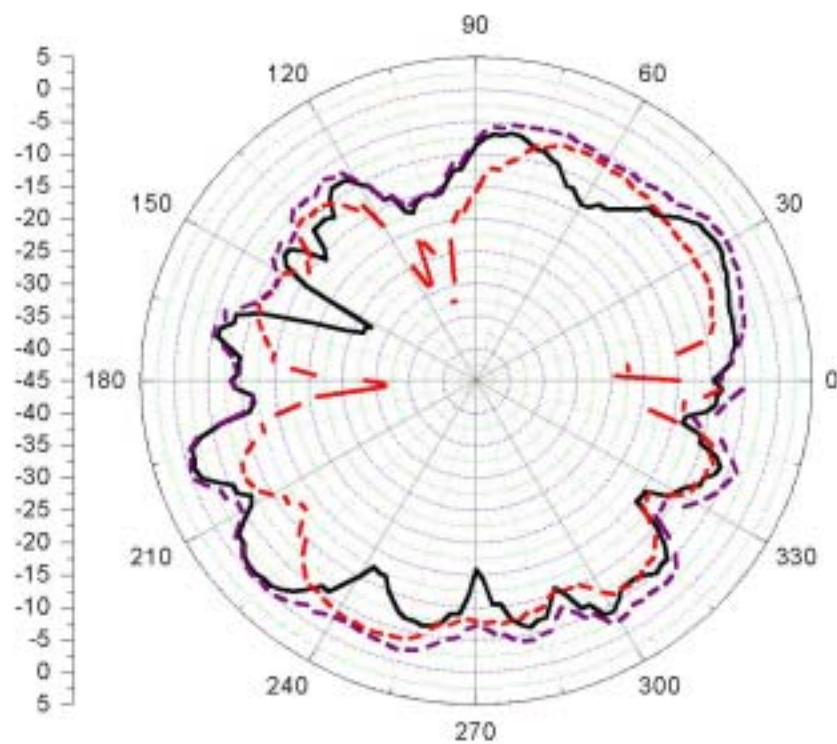
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DCN: RA-TR000-030029		Version: B	Page: 8 of 11



5.25GHz

— H-Plane E-Plane H+V-Plane

TOP antenna

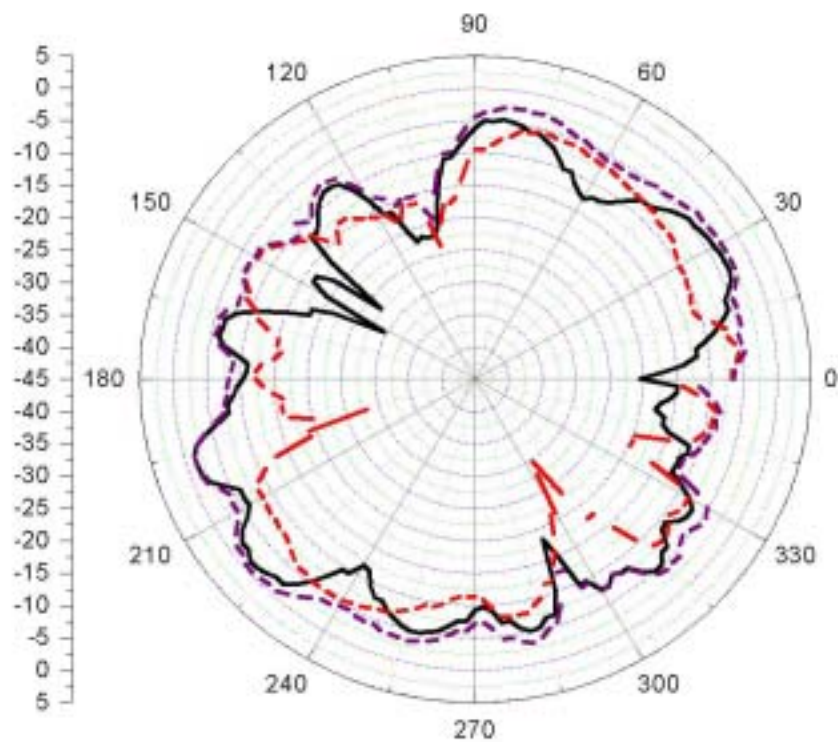


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DCN: RA-TR000-030029		Version: B	Page: 9 of 11



5.35 GHz — H-Plane E-Plane H+V-Plane

TOP antenna



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DCN: RA-TR000-030029		Version: B	Page: 10 of 11



Test result: TOP antenna

Result Frequency	Peak Gain (dBi)	Average Gain (dBi)
2.4 GHz	1.735536	-1.73271
2.45 GHz	2.421558	-1.41733
2.50 GHz	2.404904	-1.70576
5.15 GHz	-0.69038	-4.06723
5.25 GHz	-0.09167	-4.15197
5.35 GHz	-0.21346	-4.04084

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DCN: RA-TR000-030029		Version: B	Page: 11 of 11