

ABSOLUTE GAIN DATA SHEET

EUT: ESP Antenna		Work Order: SYNA0067	
Serial Number: none		Date: 10/13/11	
Customer: Synapse Strategic Product Development LLC		Temperature: 22	
Attendees: Mike Schaaf		Humidity: 50%	
Project: None		Barometric Pres.: 30.26	
Tested by: Rod Peloquin	Power: N/A	Job Site: EV01	

TEST SPECIFICATIONS Test Method

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TEST PARAMETERS

Antenna Height(s) (m)		Test Distance (m)	3
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COMMENTS

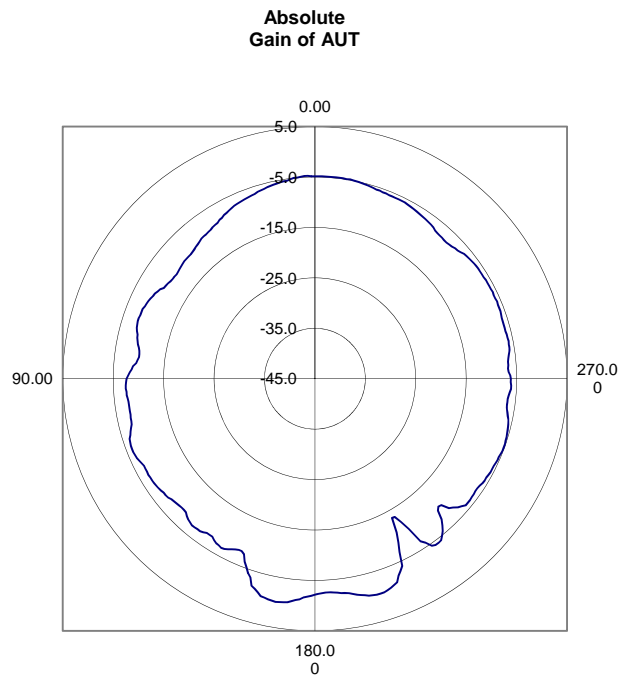
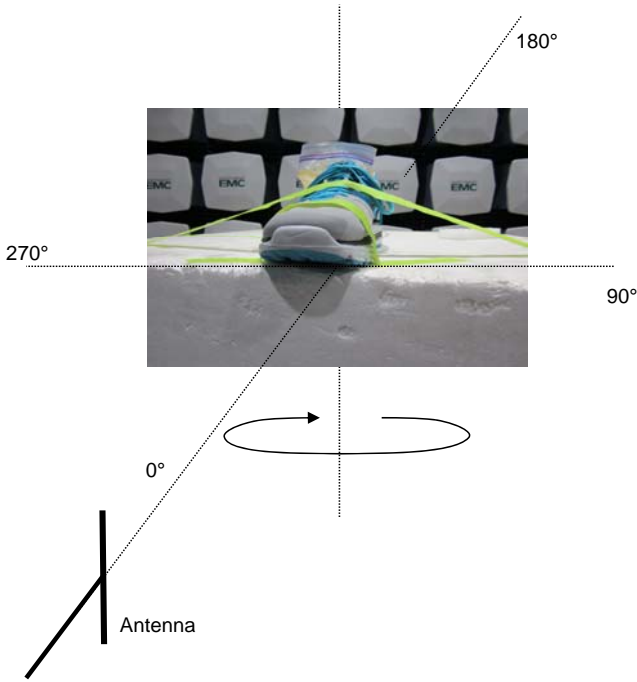
6 dB attenuator at antenna feed for matching. 1.35m test distance. Shoe in normal horizontal orientation, Height delta = 0

EUT OPERATING MODES

Transmitting from signal generator

DEVIATIONS FROM TEST STANDARD

Run #	53	<i>Signature</i>
Configuration #	1	
Results		



Frequency	2480.00
Absolute Gain of Reference Antenna (dBi)	9.25
Reference Antenna Relative Gain Max (dBuV/m)	103.80
AUT Relative Gain Max (dBuV/m)	94.50
Difference (Reference Antenna - AUT) (dB)	9.30
AUT Setup Loss (dB)	0.00
Maximum Absolute Gain of AUT (dBi)	-0.05
Correction Factor (Convert From Relative to Absolute Gain) (dB)	94.55
Measurement Antenna Polarity	Vertical
Antenna Under Test (AUT) Polarity	Horizontal