

天線廠商: FORMOSA21 Inc.

型號: CY-PCBANT-001

廠牌 : Aim

天線 Gain: 2.46dBi

天線 Type: Printed Antenna

RELATIVE GAIN DATA SHEET

EUT: Wiggle with ground plane		Work Order: CYP50007
Serial Number: N/A		Date: 05/28/04
Customer: Cypress Semiconductor		Temperature: 70
Attendees: Ram Kandiar		Humidity: 46%
Cust. Ref. No.: N/A		Barometric Pressure: 29.85
Tested by: Rod Peloquin	Power: N/A	Job Site: EV01

SAMPLE CALCULATIONS

COMMENTS

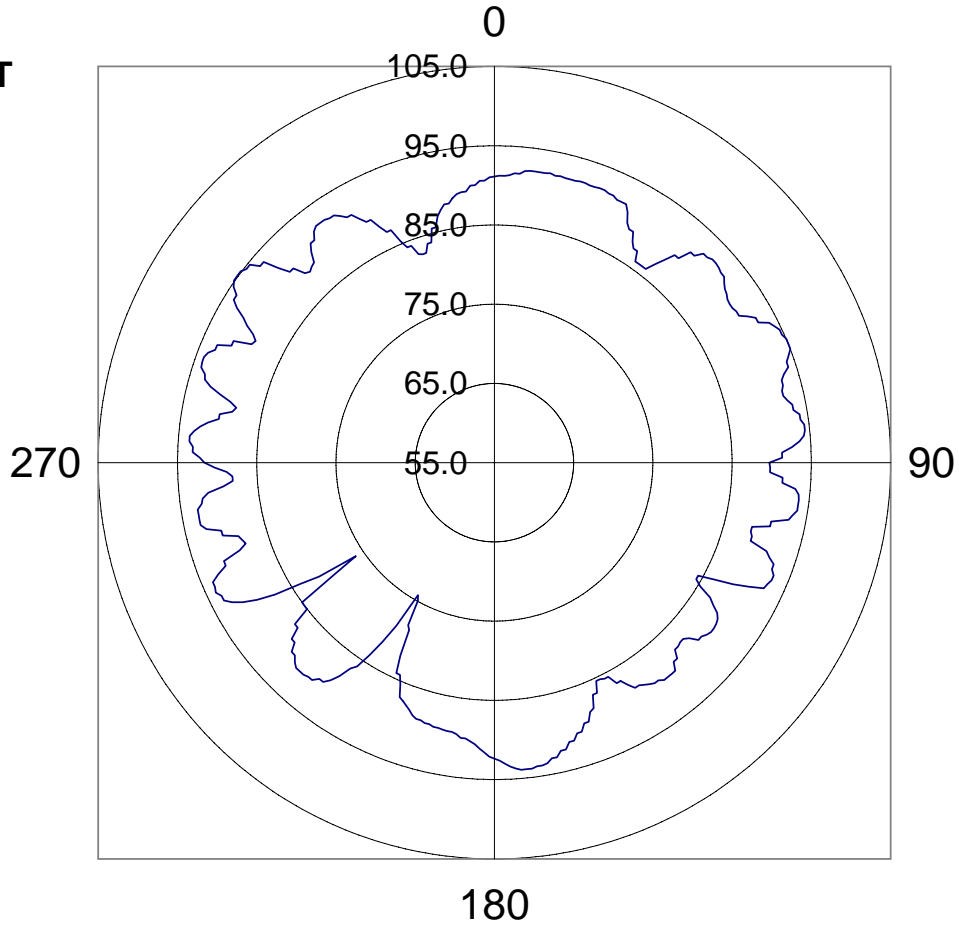
Y axis

EUT OPERATING MODES

Test Distance (m)	Run #
3	7

Other

Tested By: _____

Relative
Gain of AUT

Frequency 2440.00
Measurement Antenna Polarity Horizontal
Antenna Under Test (AUT) Polarity Y

ABSOLUTE GAIN DATA SHEET

EUT:	Wiggle with ground plane	Work Order:	CYPS0007
Serial Number:	N/A	Date:	05/28/04
Customer:	Cypress Semiconductor	Temperature:	70
Attendees:	Ram Kandiar	Humidity:	46%
Cust. Ref. No.:	N/A	Barometric Pressure	29.85
Tested by:	Rod Peloquin	Power:	N/A
		Job Site:	EV01

SAMPLE CALCULATIONS

COMMENTS

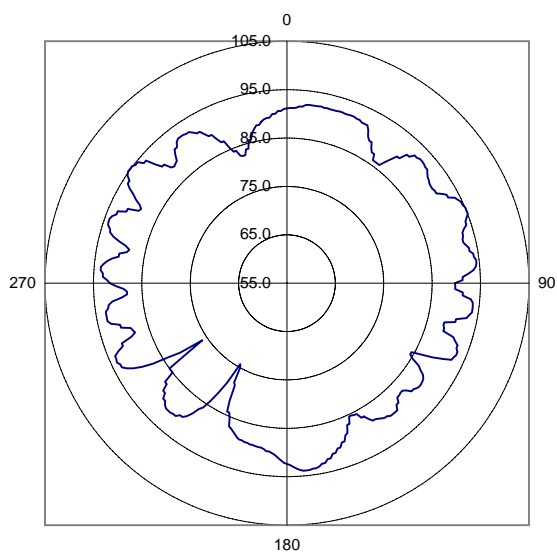
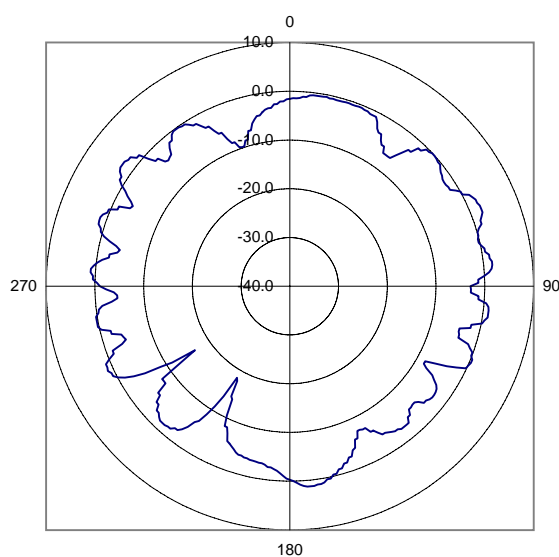
Y axis

EUT OPERATING MODES

Test Distance (m)	Run #
3	7

Other

Tested By: _____

Relative
Gain of AUTAbsolute
Gain of AUT

Frequency	2440.00
Absolute Gain of Reference Antenna (dBi)	8.86
Reference Antenna Relative Gain Max (dBuV/m)	102.80
AUT Relative Gain Max (dBuV/m)	95.10
Difference (Reference Antenna - AUT) (dB)	7.70
AUT Setup Loss (dB)	0.00
Maximum Absolute Gain of AUT (dBi)	2.46
Correction Factor (Convert From Relative to Absolute Gain) (dB)	92.64
Measurement Antenna Polarity	Horizontal
Antenna Under Test (AUT) Polarity	Y