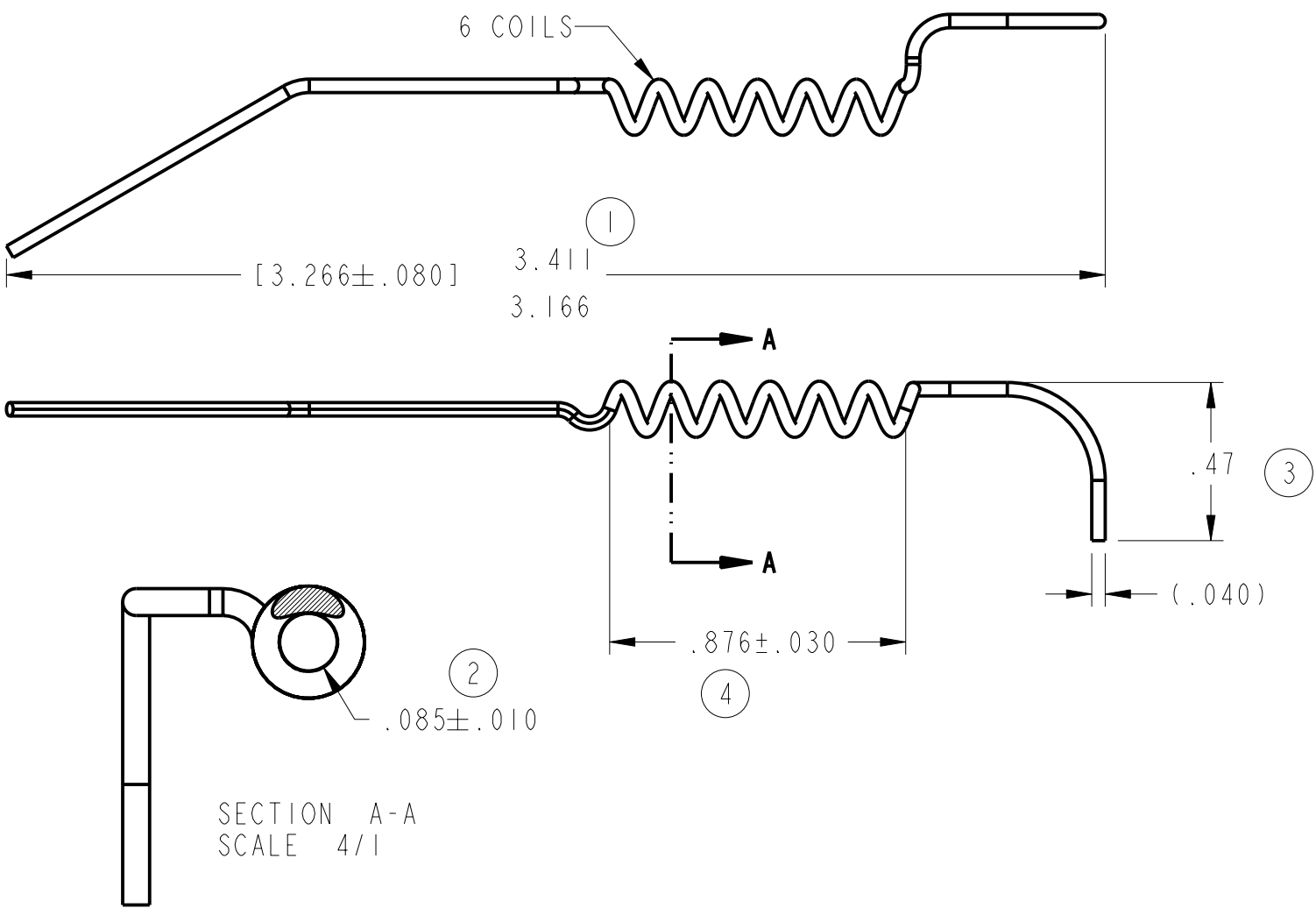
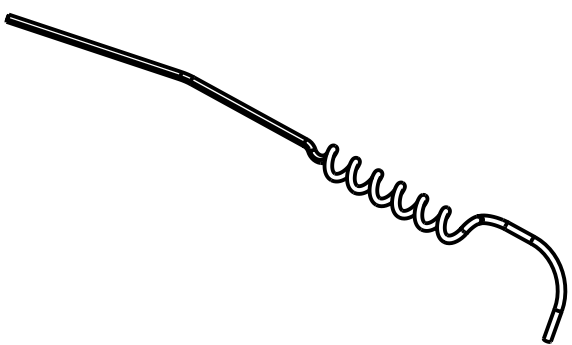


NOTES: UNLESS OTHERWISE SPECIFIED

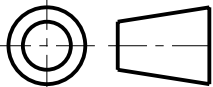
- 1. THIS PART WAS GENERATED FROM PRO/ENGINEER. PART MODEL (BRF_ANTENNA_433MHZ) SHALL CONTROL ALL FEATURES NOT DEFINED ON THE DRAWING.
- 2. MATERIAL: PHOSPHOR BRONZE 18 AWG (.040)
- 3. FINISH: ELECTROLESS NICKEL PLATED PER ASTM B733-97 HIGH PHOSPHOROUS, CLASS 1, 0.00015 ± 0.00005 IN.
- 4. PACKAGE IN ACCORDANCE WITH PSC INC. SUPPLIER PACKAGING STANDARD R68-0001.
- 5. USE DIMENSIONS 1, 3 AND 4 FOR CPK (PROCESS CAPABILITY) STUDY.
- 6. DIMENSIONS IN BRACKETS [] DENOTE DESIGN INTENT.
- 7. MUST MEET REGULATORY HAZARDOUS SUBSTANCE REQUIREMENTS PER PSC, INC SPEC JR76-0112.



Mfg - Anderson Quality Spring



SCALE 1/1

PSC INC. 959 TERRY STREET EUGENE, OREGON 97402-9150							
	NAME	DATE	THE INFORMATION CONTAINED HEREIN IS THE PROPRIETARY DATA OF PSC SCANNING INC. OR ITS SUBSIDIARIES AND IS NOT TO BE DISCLOSED IN WHOLE OR IN PART, FOR ANY PURPOSE OTHER THAN THAT FOR WHICH IT IS SUBMITTED, EXCEPT AS AUTHORIZED IN WRITING BY PSC SCANNING INC. OR ITS SUBSIDIARIES				
DFTR.	KRD	04/03 06					
CHK.			DIMENSIONING AND TOLERANCING PER ANSI Y14.5M-1994 UNLESS OTHERWISE SPECIFIED, ALL DIMENSIONS ARE IN INCHES				
ENG.	J ENGLEHART			TOLERANCES, UNLESS OTHERWISE SPECIFIED:			
MFG.				.X ± mm: ± .XX ± .03 ANGLES: ±3.0° .XXX ± SURF. FIN.: ✓			
MODEL			INTERNAL ANTENNA, 433Mhz				
PWRSCAN RF							
ALL DIMENSIONS INCLUDE APPLIED FINISH			SCALE 2/1	SIZE B	DRAWING NUMBER 4-4459	SHEET 1 of 1	REV. X1

TRANSMIT ANTENNA GAIN

EUT:	Hand Held Antenna	Work Order:	PSC10211
Serial Number:	None	Date:	06/25/07
Customer:	PSC Inc.	Temperature:	23°C
Attendees:	None	Humidity:	32%
Project:	None	Barometric Pres.:	30.05
Tested by:	Rod Peloquin	Power:	N/A
		Job Site:	EV01

TEST SPECIFICATIONS

Test Method

AS/NZS 4268:2003

AS/NZS 4268:2003

TEST PARAMETERS

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

Anderson Quality Spring, Inc. dipole antenna, P/N: 4-4495

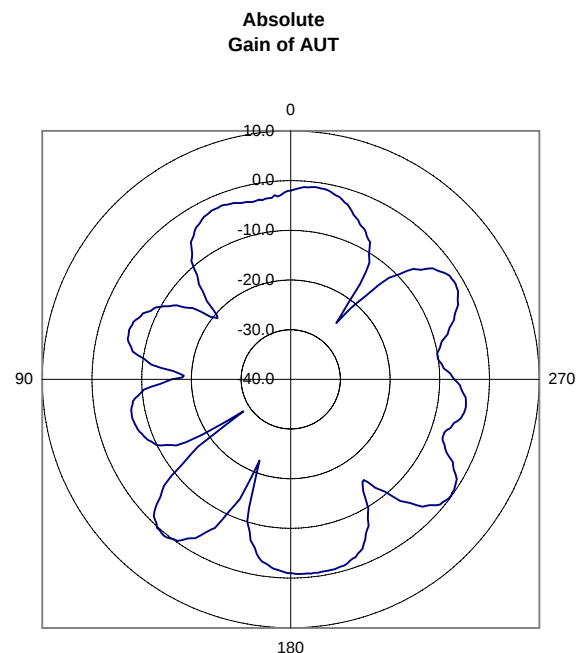
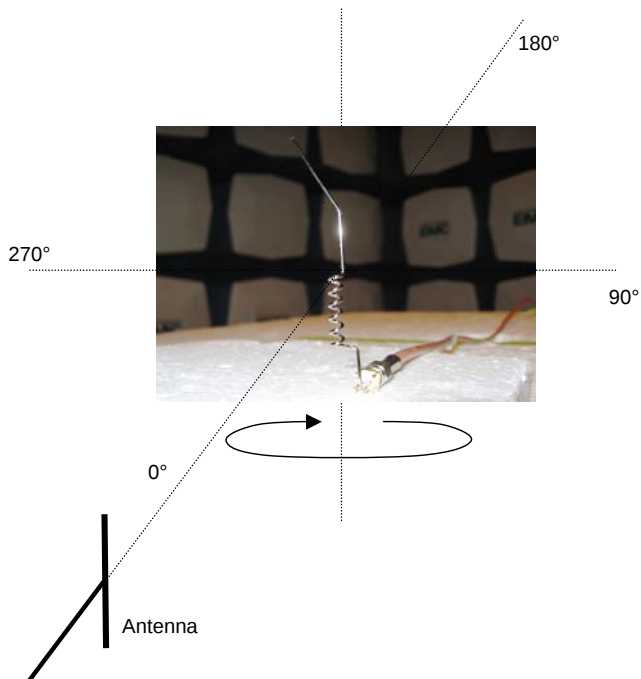
EUT OPERATING MODES

Transmitting unmodulated signal, mid channel

DEVIATIONS FROM TEST STANDARD

Run #	4
Configuration #	N/A
Results	

Signature

Frequency	924.90
Absolute Gain of Reference Antenna (dBi)	1.50
Reference Antenna Relative Gain Max (dBuV/m)	102.50
AUT Relative Gain Max (dBuV/m)	101.50
Difference (Reference Antenna - AUT) (dB)	1.00
AUT Setup Loss (dB)	0.00
Maximum Absolute Gain of AUT (dBi)	0.50
Correction Factor (Convert From Relative to Absolute Gain) (dB)	101.00
Measurement Antenna Polarity	Vertical
Antenna Under Test (AUT) Polarity	Vertical

TRANSMIT ANTENNA GAIN

EUT:	Hand Held Antenna	Work Order:	PSC10211
Serial Number:	None	Date:	06/25/07
Customer:	PSC Inc.	Temperature:	23°C
Attendees:	None	Humidity:	32%
Project:	None	Barometric Pres.:	30.05
Tested by:	Rod Peloquin	Power:	N/A
		Job Site:	EV01

TEST SPECIFICATIONS

Test Method

AS/NZS 4268:2003

AS/NZS 4268:2003

TEST PARAMETERS

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

Anderson Quality Spring, Inc. dipole antenna, P/N: 4-4495

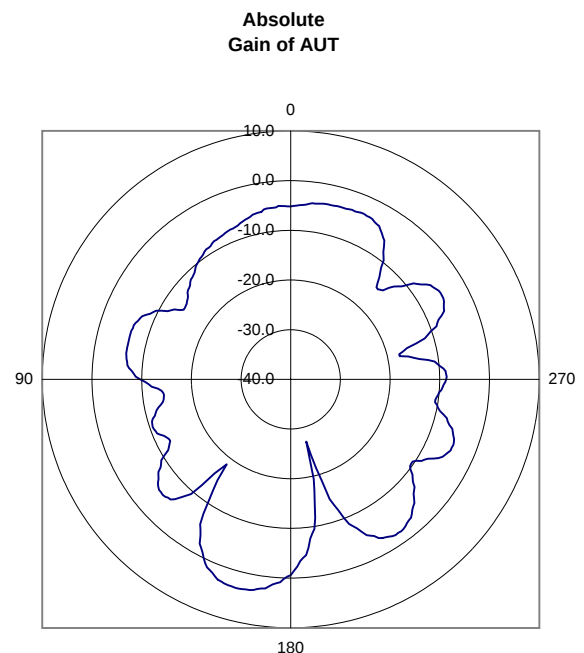
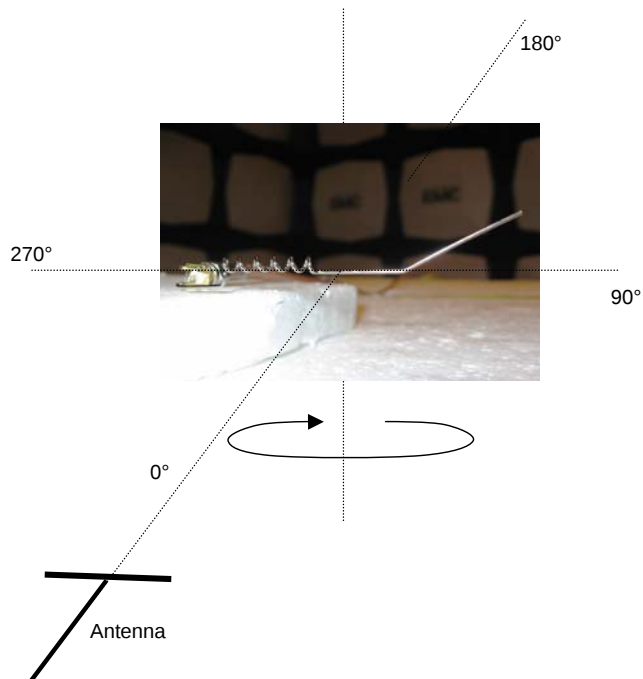
EUT OPERATING MODES

Transmitting unmodulated signal, mid channel

DEVIATIONS FROM TEST STANDARD

Run #	5
Configuration #	N/A
Results	

Signature

Frequency	924.90
Absolute Gain of Reference Antenna (dBi)	1.50
Reference Antenna Relative Gain Max (dBuV/m)	102.50
AUT Relative Gain Max (dBuV/m)	104.40
Difference (Reference Antenna - AUT) (dB)	-1.90
AUT Setup Loss (dB)	0.00
Maximum Absolute Gain of AUT (dBi)	3.40
Correction Factor (Convert From Relative to Absolute Gain) (dB)	101.00
Measurement Antenna Polarity	Horizontal
Antenna Under Test (AUT) Polarity	Horizontal

TRANSMIT ANTENNA GAIN

EUT:	Hand Held Antenna	Work Order:	PSC10211
Serial Number:	None	Date:	06/25/07
Customer:	PSC Inc.	Temperature:	23°C
Attendees:	None	Humidity:	32%
Project:	None	Barometric Pres.:	30.05
Tested by:	Rod Peloquin	Power:	N/A
		Job Site:	EV01

TEST SPECIFICATIONS

Test Method

AS/NZS 4268:2003

AS/NZS 4268:2003

TEST PARAMETERS

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

Anderson Quality Spring, Inc. dipole antenna, P/N: 4-4495

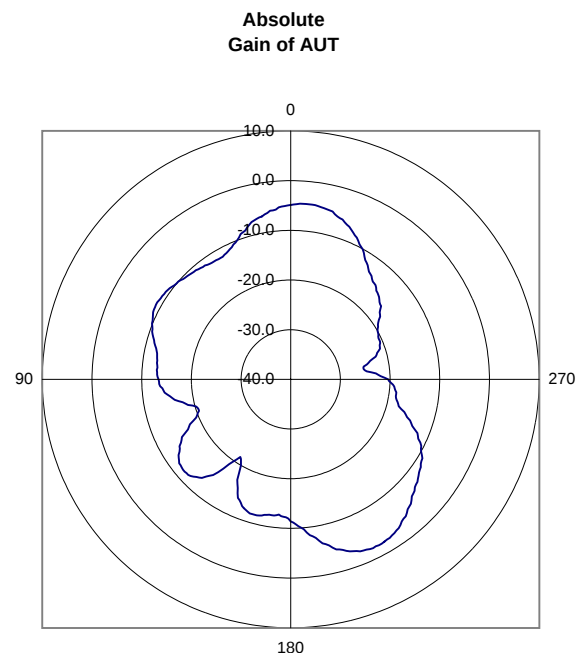
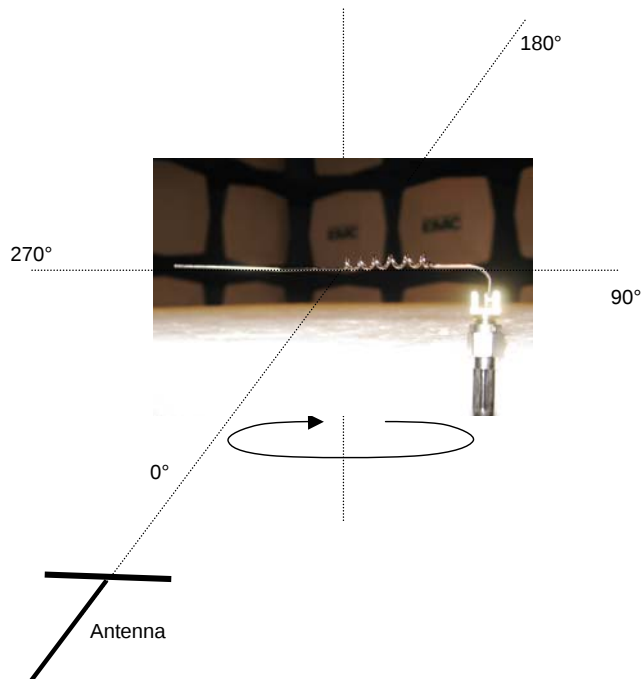
EUT OPERATING MODES

Transmitting unmodulated signal, mid channel

DEVIATIONS FROM TEST STANDARD

Run #	6
Configuration #	N/A
Results	

Signature

Frequency	924.90
Absolute Gain of Reference Antenna (dBi)	1.50
Reference Antenna Relative Gain Max (dBuV/m)	102.50
AUT Relative Gain Max (dBuV/m)	98.80
Difference (Reference Antenna - AUT) (dB)	3.70
AUT Setup Loss (dB)	0.00
Maximum Absolute Gain of AUT (dBi)	-2.20
Correction Factor (Convert From Relative to Absolute Gain) (dB)	101.00
Measurement Antenna Polarity	Horizontal
Antenna Under Test (AUT) Polarity	Horizontal