Silex Technology America, Inc.

TEST REPORT FOR

Wireless 802.11a/b/g SD Card Radio
Model: SX-SDCAG

Tested To The Following Standard:

FCC Part 15 Subpart C, Section: 15.207
&
FCC Part 15 Subpart E, Section: 15.407
Unlicensed National Information Infrastructure (U-NII) devices operating in the 5.15-5.35 GHz, 5.47-5.725 GHz and 5.725-5.85 GHz bands.

Report No.: 97700-4

Date of issue: January 14, 2016

A2LA ACCREDITED
Testing Certificates:
803.01, 803.02, 803.05, 803.06

This test report bears the accreditation symbol indicating that the testing performed herein meets the test and reporting requirements of ISO/IEC 17025 under the applicable scope of EMC testing for CKC Laboratories, Inc.

We strive to create long-term, trust based relationships by providing sound, adaptive, customer first testing services. We embrace each of our customers' unique EMC challenges, not as an interruption to set processes, but rather as the reason we are in business.

Testing the Future
CKC LABORATORIES, INC.

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ADMINISTRATIVE INFORMATION

Test Report Information

REPORT PREPARED FOR:

Silex Technology America, Inc.
201 E. Sandpointe Ave.
Santa Ana, CA 92707

Representative: Ron Tozaki
Customer Reference Number: 6072-00

REPORT PREPARED BY:

Eddie Wong / Dianne Dudley
CKC Laboratories, Inc.
5046 Sierra Pines Drive
Mariposa, CA 95338

Project Number: 97700

DATE OF EQUIPMENT RECEIPT: Febraury 2, 2010 and December 22, 2015
DATE(S) OF TESTING: February 2 – March 1, 2010, June 30, 2010 and December 22, 2015 - January 4, 2016

Report Authorization

The test data contained in this report documents the observed testing parameters pertaining to and are relevant for only the sample equipment tested in the agreed upon operational mode(s) and configuration(s) as identified herein. Compliance assessment remains the client's responsibility. This report may not be used to claim product endorsement by A2LA or any government agencies. This test report has been authorized for release under quality control from CKC Laboratories, Inc.

Steve Behm
Director of Quality Assurance & Engineering Services
CKC Laboratories, Inc.

Test Facility Information

Our laboratories are configured to effectively test a wide variety of product types. CKC utilizes first class test equipment, anechoic chambers, data acquisition and information services to create accurate, repeatable and affordable test results.

TEST LOCATION(S):
CKC Laboratories, Inc.
110 Olinda Place
Brea, CA 92823

Software Versions

CKC Laboratories Proprietary Software	Version	Version	Version	Version
EMITest Emissions	4.01.34	5.00.00	5.02.00	5.03.00

Site Registration & Accreditation Information

Location	CB #	CANADA	FCC
Brea A	US0060	3082D-1	90473
Brea D	US0060	3082D-2	100638

SUMMARY OF RESULTS

Standard / Specification: FCC Part 15 Subpart E - 15.407 (UNII)

Test Procedure	Description	Modifications	Results
15.407(e)	-6dB Bandwidth	NA	Pass
15.407(a)(1)(ii), (a)(3)	RF Output Power	NA	Pass
15.407(a)	Power Spectral Density	NA	Pass
15.407(b)(1), (b)(4), (b)(7)	Radiated Emissions & Band Edge	NA	Pass
15.407(g)	Frequency Stability	NA	Pass

NA = Not applicable

Standard / Specification: FCC Part 15 Subpart C- 15.207

Test Procedure	Description	Modifications	Results
15.207	AC Conducted Emissions	NA	Pass

NA = Not applicable

Modifications During Testing

This list is a summary of the modifications made to the equipment during testing.

Summary of Conditions
No modifications were made during testing.

Modifications listed above must be incorporated into all production units.

Conditions During Testing

This list is a summary of the conditions noted to the equipment during testing.

Summary of Conditions
Note: This test report is for a Permissive change II. This test report includes original test data and new test data meeting the new 15.407 requirement. The new data meets the new PSD and -6dbBW requirement in the 5725-5825 MHz band.

General Product Information:

Product Information	Manufacturer-Provided Details
Equipment Type:	Radio Module
Type of Wideband System:	802.11 a
Operating Frequency Range:	5150-5250, 5725-5825
Modulation Type(s):	OFDM/32-QAM 802.11a 54mbps
Maximum Duty Cycle:	99%
Number of TX Chains:	1
Antenna Type(s) and Gain:	Chip Pulse=4.2 dBi, Ethertronic 3.5dBi
Beamforming Type:	NA
Antenna Connection Type:	Integral
Nominal Input Voltage:	5V
Firmware / Software used for Test:	Frequency tested: 5180, 5200, 5240, 5745, 5765, 5805 Firmware power setting 16,16,16, 15,15,16

EQUIPMENT UNDER TEST (EUT)

During testing numerous configurations may have been utilized. The configurations listed below support compliance to the standard(s) listed in the Summary of Results section.

***Equipment Under Test* (* = EUT):**

Function	Manufacturer	Model #	S/N
Wireless 802.11a/b/g SD Card Radio*	Silex Technology America, Inc.	SX-SDCAG	E1

Support Devices:

Function	Manufacturer	Model #	S/N
Evaluator Board	Silex Technology America, Inc.	SX-560-6900	NA
Power Supply	Condor	HK-CH13-A05	NA
802.11 a/b/g Wireless Access Point	3-Com	WL-526	NA
Laptop	Sony	PCG-982L	8323330
Serial Server	Silex Technology America, Inc.	SX-560	SL004545

FCC Part 15 Subpart E 15.407

15.407(e) 6dB Bandwidth

Test Setup/Conditions			
Test Location:	Brea Lab D	Test Engineer:	E. Wong
Test Method:	KDB789033 D02 General UNII Test Procedure New Rules V01, June 6, 2014	Test Date(s):	12/23/2015
Test Setup:	6dB Bandwidth in the 5.725-5.85 GHz band The EUT is placed on the test bench. The device is set in continuous transmit mode, the RF output power is evaluated at the antenna port. Antenna: Ethertronics, 3.5dBi Pulse: 4.2dBi, Pulse		

Test Equipment					
Asset#	**Description**	**Manufacturer**	**Model**	**Cal Date**	**Cal Due**
02672*	Spectrum Analyzer	Agilent	E4446A	7/23/2008	7/23/2010
P02946*	3'-40GHz cable	Astrolab Inc.	32022-2-2909K-36TC	9/14/2009	9/14/2011
1438*	Power Supply	Topward	6306D	10/14/2009	10/14/2010
02672**	Spectrum Analyzer	Agilent	E4446A	9/30/2015	9/30/2017
03430**	Attenuator	Aeroflex/Weinschel	75A-10-12	11/2/2015	11/2/2017
P06544**	Cable	Astro Steel	32026-29094K-29094K-36TC	11/2/2015	11/2/2017

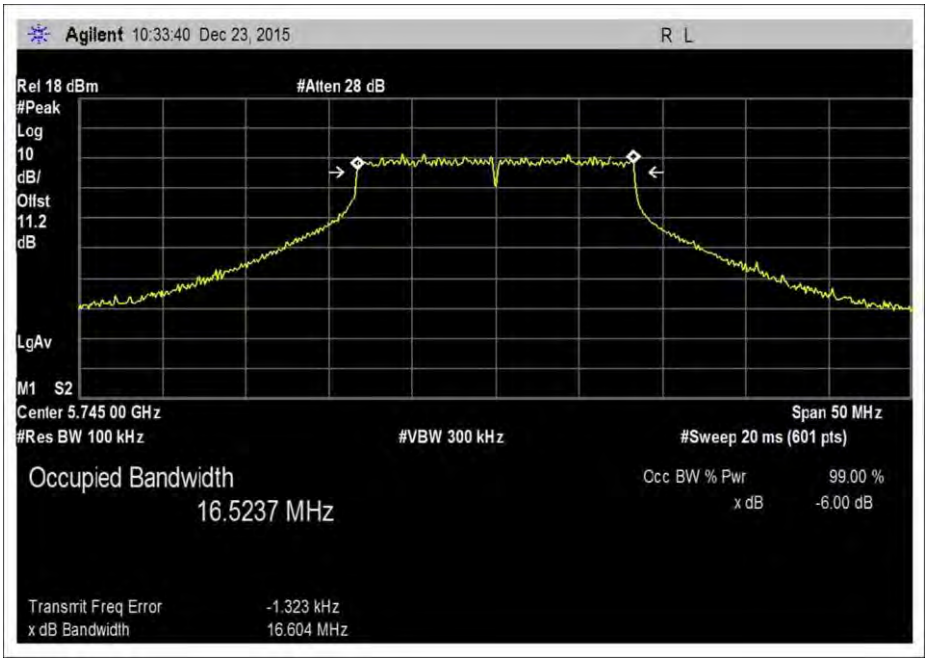
Environmental Conditions			
Temperature* (ºC)	+15 to +35	**Relative Humidity* (%):**	20 – 75%
Temperature (ºC)**	20	**Relative Humidity** (%):**	58%

* Original data from 90303-10A, March 19, 2010.
** Permission Change II, new data, December 23, 2015.

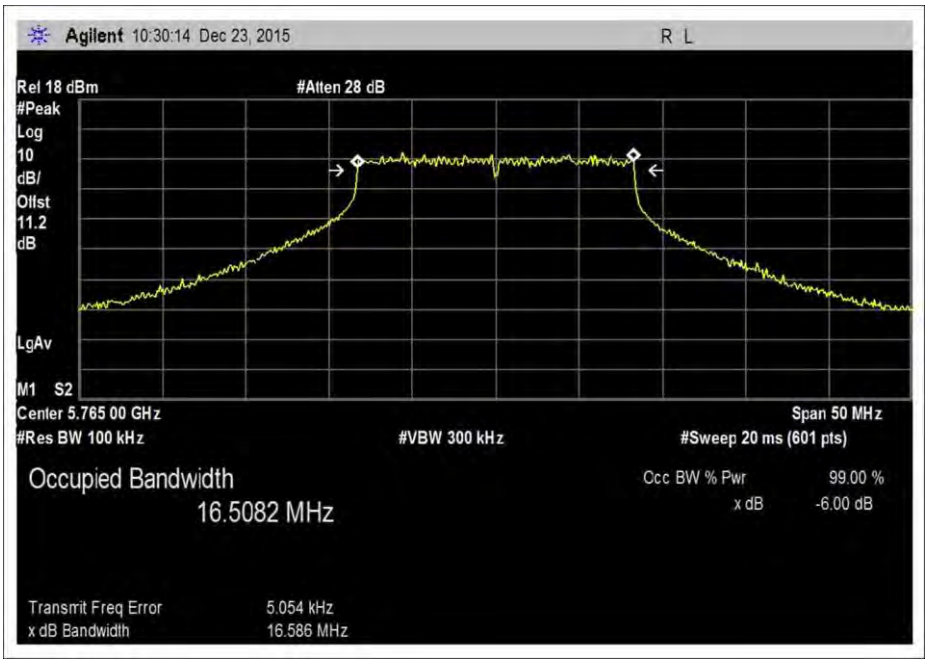
Test Data Summary					
Frequency (MHz)	**Antenna Port**	**Modulation**	**Measured (kHz)**	**Limit (kHz)**	**Results**
5745**	1	802.11a/OFDM	16604	≥500	Pass
5765**	1	802.11a/OFDM	16585	≥500	Pass
5805**	1	802.11a/OFDM	16588	≥500	Pass

** Permission Change II, new data, December 23, 2015

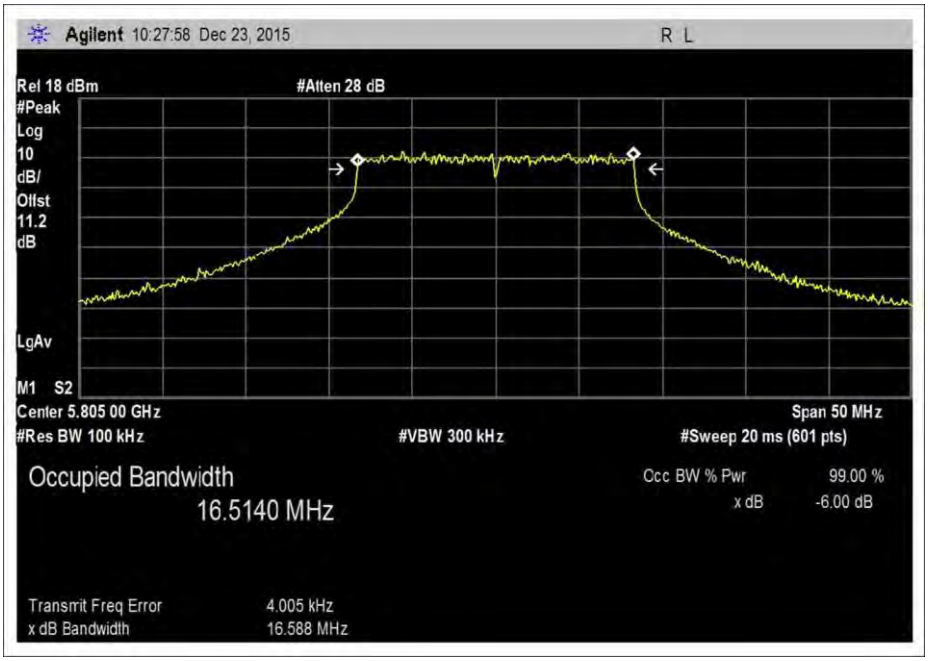
Plots



6dB BW_5745MHz



6dB BW_5765MHz



6dB BW_5805MHz

Test Setup Photo(s)

15.407(a)(1)(ii), (a)(3) RF Output Power

Test Setup/Conditions			
Test Location:	Brea D	**Test Engineer:**	E. Wong
Test Method:	KDB789033 D02 General UNII Test Procedure New Rules V01, June 6, 2014	**Test Date(s):**	12/23/2015
Test Setup:	The EUT is placed on the test bench. The device is set in continuous transmit mode, the RF output power is evaluated at the antenna port. Antennas: Ethertronics, 3.5dBi Pulse: 4.2dBi, Pulse		

Test Equipment					
Asset#	**Description**	**Manufacturer**	**Model**	**Cal Date**	**Cal Due**
02672*	Spectrum Analyzer	Agilent	E4446A	7/23/2008	7/23/2010
P02946*	3'-40GHz cable	Astrolab Inc.	32022-2-2909K-36TC	9/14/2009	9/14/2011
1438*	Power Supply	Topward	6306D	10/14/2009	10/14/2010
02672**	Spectrum Analyzer	Agilent	E4446A	9/30/2015	9/30/2017
03430**	Attenuator	Aeroflex/Weinschel	75A-10-12	11/2/2015	11/2/2017
P06544**	Cable	Astro Steel	32026-29094K-29094K-36TC	11/2/2015	11/2/2017

Environmental Conditions			
Temperature* (ºC)	+15 to +35	**Relative Humidity* (%):**	20 – 75%
Temperature (ºC)**	20	**Relative Humidity** (%):**	58%

* Original data from 90303-10A, March 19, 2010.
** Permission Change II, new data, December 23, 2015.

Modulation	Frequency (MHz)	Channel	Firmware setting
802.11a	5180	36	16
802.11a	5200	40	16
802.11a	5240	48	16
Modulation	**Frequency (MHz)**	**Channel**	**Firmware setting**
802.11a	5745	149	15
802.11a	5765	153	15
802.11a	5805	161	16

Original Test Result

Test Data Summary - Voltage Variations					
Frequency (MHz)	**Modulation / Ant Port**	**$V_{Minimum}$ (dBm)**	**$V_{Nominal}$ (dBm)**	**$V_{Maximum}$ (dBm)**	**Max Deviation from $V_{Nominal}$ (dB)**
5180*	802.11a/OFDM	13.3	13.3	13.3	0
5200*	802.11a/OFDM	13.2	13.2	13.2	0
5240*	802.11a/OFDM	13.3	13.3	13.3	0
5745*	802.11a/OFDM	12.6	12.6	12.6	0
5765*	802.11a/OFDM	12.6	12.6	12.6	0
5805*	802.11a/OFDM	13.0	13.0	13.0	0

Test performed using operational mode with the highest output power, representing worst case.

Permissive Change Test Result/Power Verification

Test Data Summary - Voltage Variations					
Frequency (MHz)	**Modulation / Ant Port**	**$V_{Minimum}$ (dBm)**	**$V_{Nominal}$ (dBm)**	**$V_{Maximum}$ (dBm)**	**Max Deviation from $V_{Nominal}$ (dB)**
5180**	802.11a/OFDM	NA	12.6	NA	NA
5200**	802.11a/OFDM	NA	12.9	NA	NA
5240**	802.11a/OFDM	NA	12.7	NA	NA
5745**	802.11a/OFDM	NA	12.6	NA	NA
5765**	802.11a/OFDM	NA	12.6	NA	NA
5805**	802.11a/OFDM	NA	13.0	NA	NA

NA: Not application, the result is for verification purposes only.

* Original data from 90303-10A, March 19, 2010.

** Permission Change II, new data, December 23, 2015.

Parameter Definitions:

Measurements performed at input voltage Vnominal ± 15%.

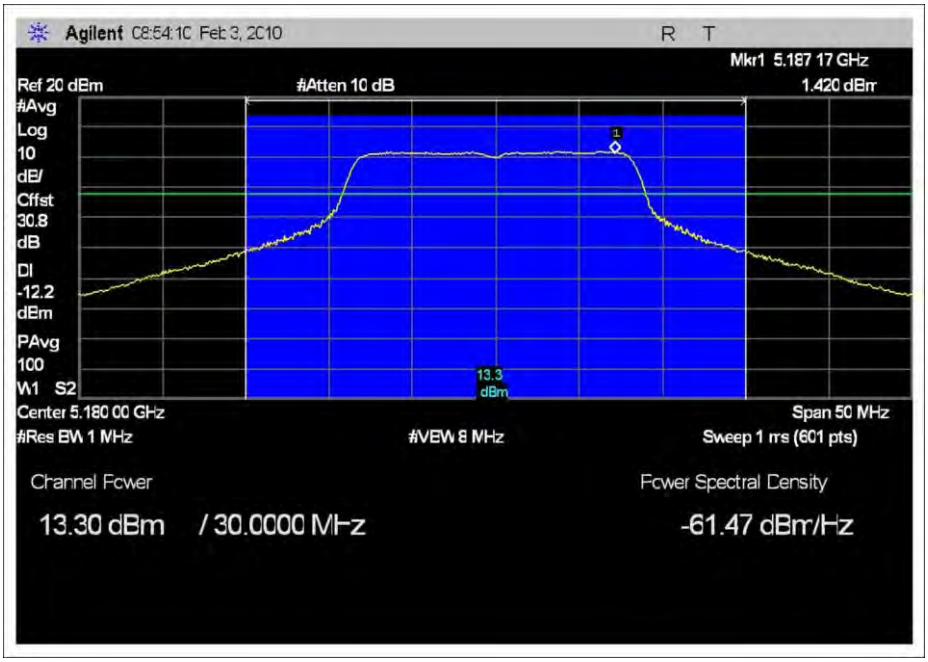
Parameter	Value
$V_{Nominal}$:	5V
$V_{Minimum}$:	4.25
$V_{Maximum}$:	5.75

Test Data Summary - RF Conducted Measurement					
Measurement Option: AVGSA-1					
Frequency (MHz)	**Modulation**	**Ant. Type / Gain (dBi)**	**Measured (dBm) Cond/ eirp**	**Limit (dBm) Cond/eirp**	**Results**
5180*	802.11a/OFDM	4.2dBi	13.3/17.5	≤30/36	Pass
5200*	802.11a/OFDM	4.2dBi	13.2/17.4	≤30/36	Pass
5240*	802.11a/OFDM	4.2dBi	13.3/17.5	≤30/36	Pass
5745*	802.11a/OFDM	4.2dBi	12.6/16.8	≤30/36	Pass
5765*	802.11a/OFDM	4.2dBi	12.6/16.8	≤30/36	Pass
5805*	802.11a/OFDM	4.2dBi	13.0/17.2	≤30/36	Pass

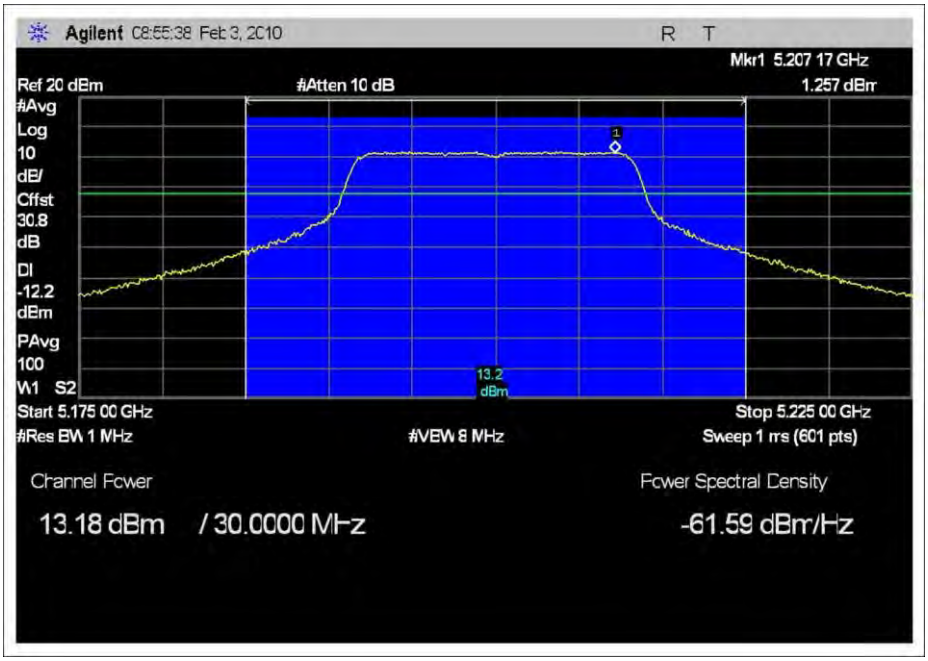
* Original data from CKC Labs test report 90303-10A, March 19, 2010.

Test Plots

(a)(1)(ii) Power Band 1, Original Test date 2/3/2010



802.11a_5180MHz_pwr16_13.2dBm_orig



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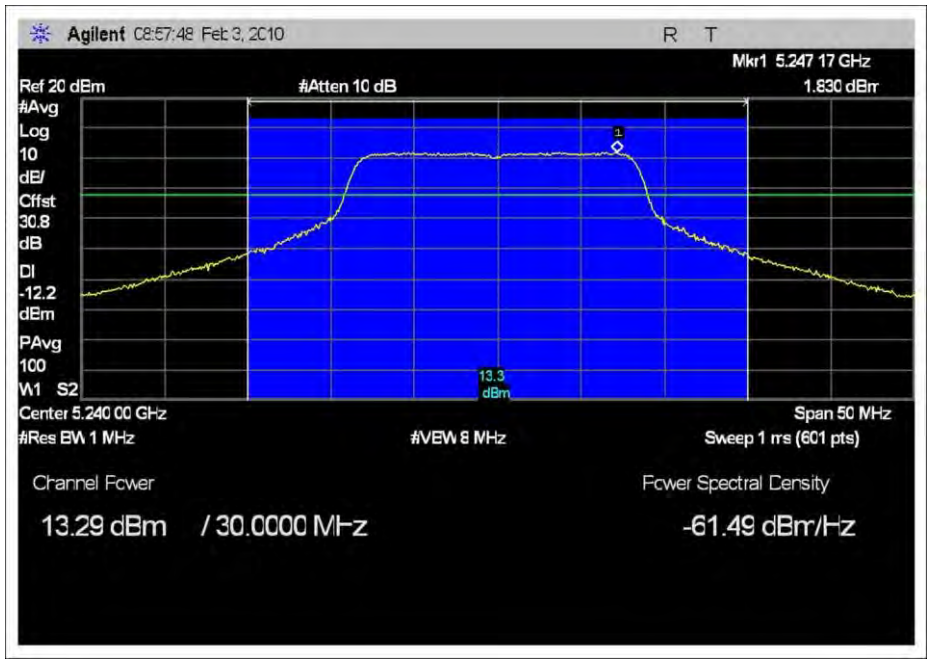
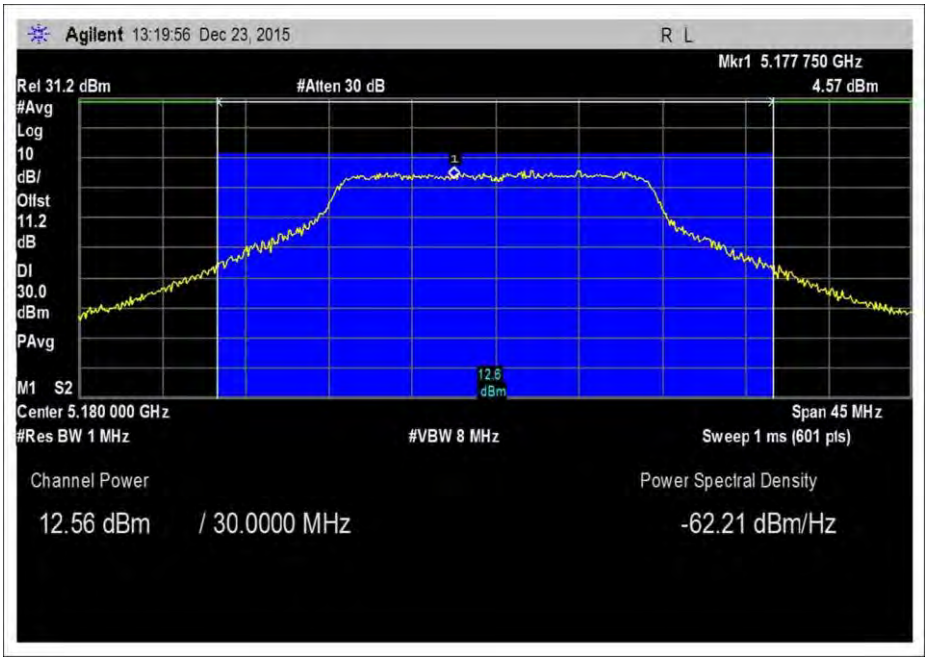
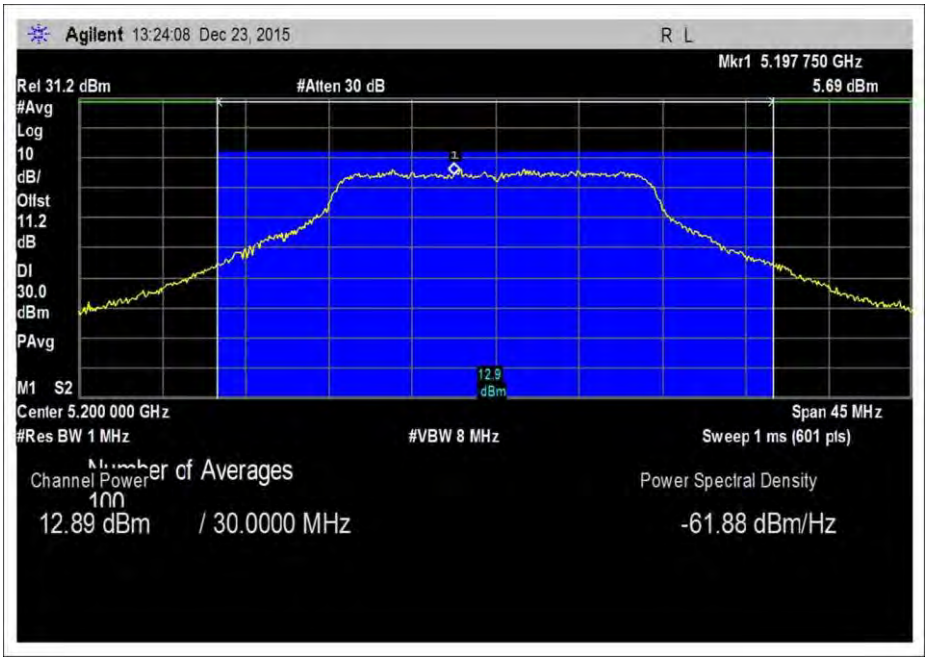


802.11a_5240MHz_pwr16_13.3dBm_orig

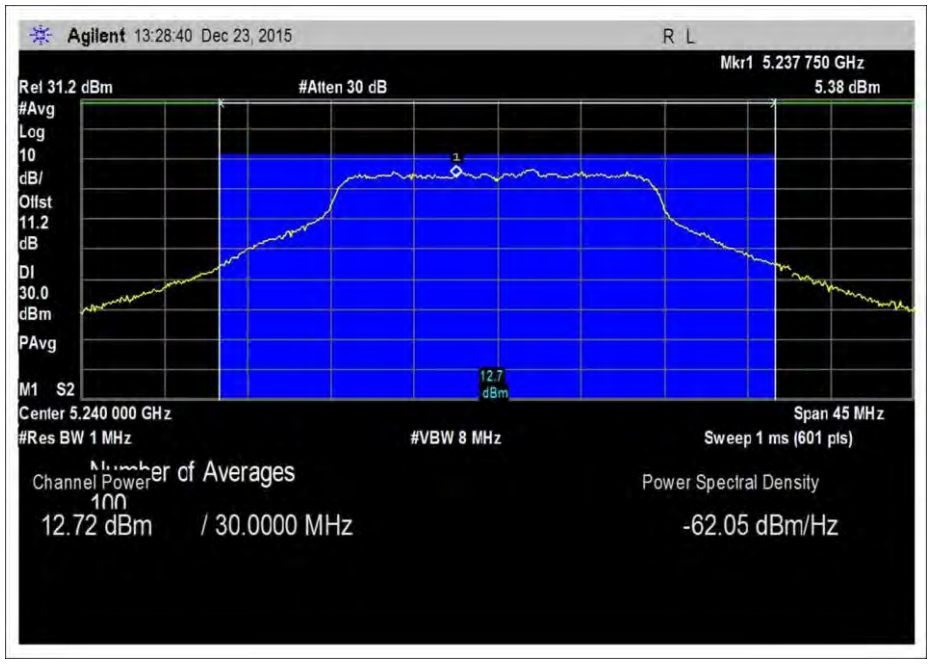
(a)(1)(ii) Power Band 1, Test date 12/23/2015



RF output power_5180MHz_band1_122315_PCII

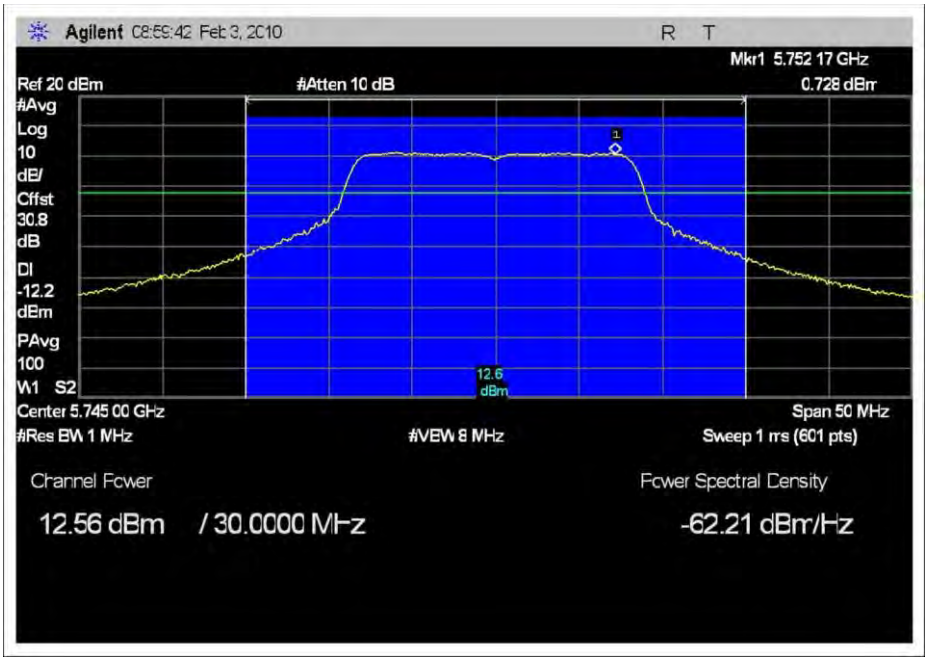


RF output power_5200MHz_band1_122315_PCII

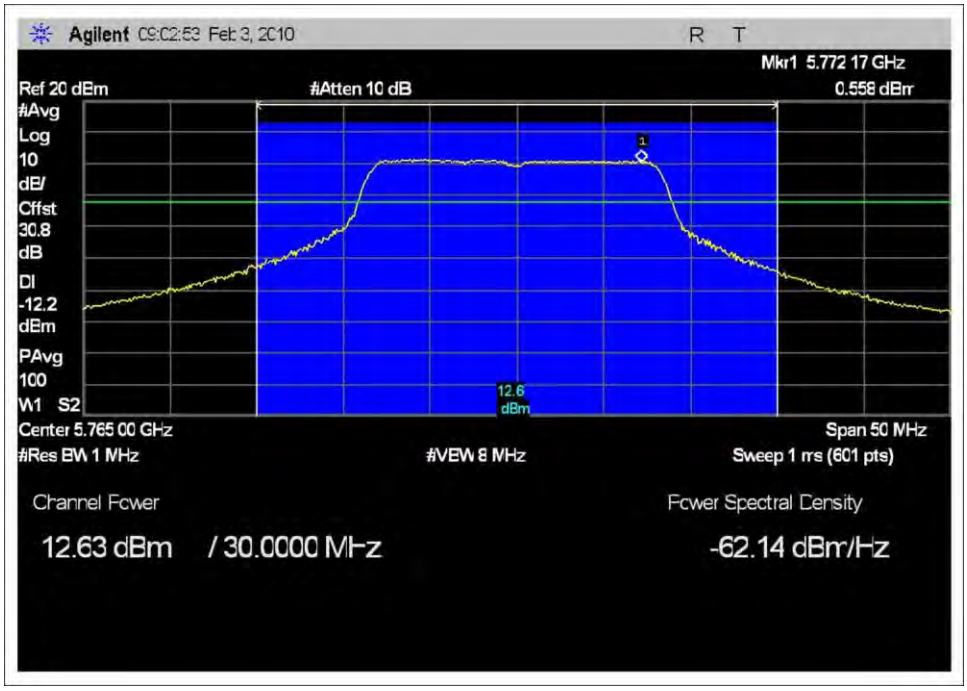


RF output power_5240MHz_band1_122315_PCII

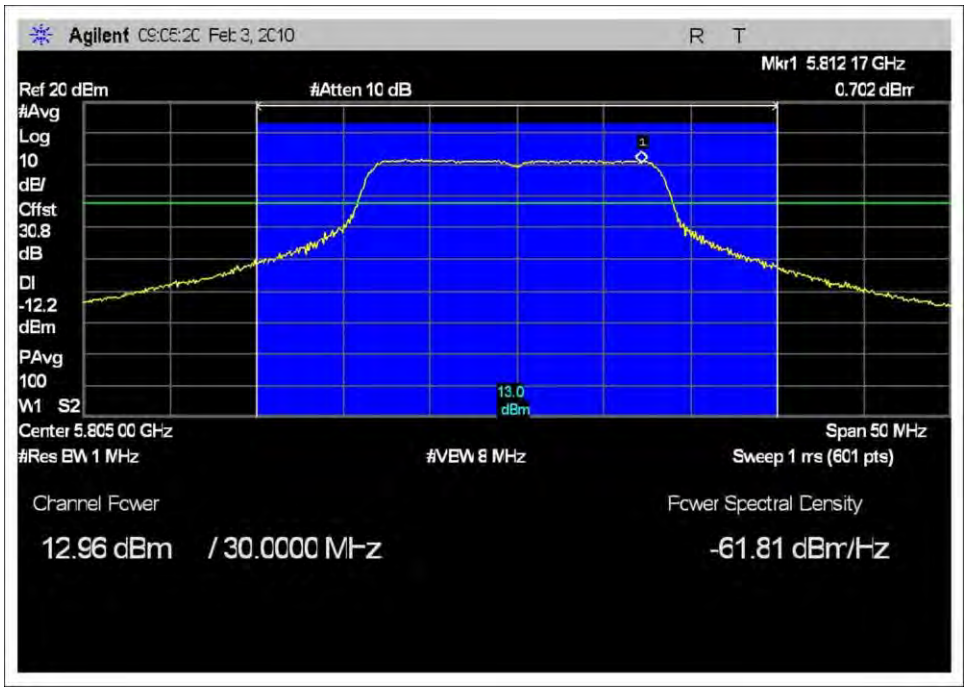
(a)(3) Power Band 4, Original Test Date: 2/3/2010



802.11a_5745MHz_pwr15_12.6dBm_orig

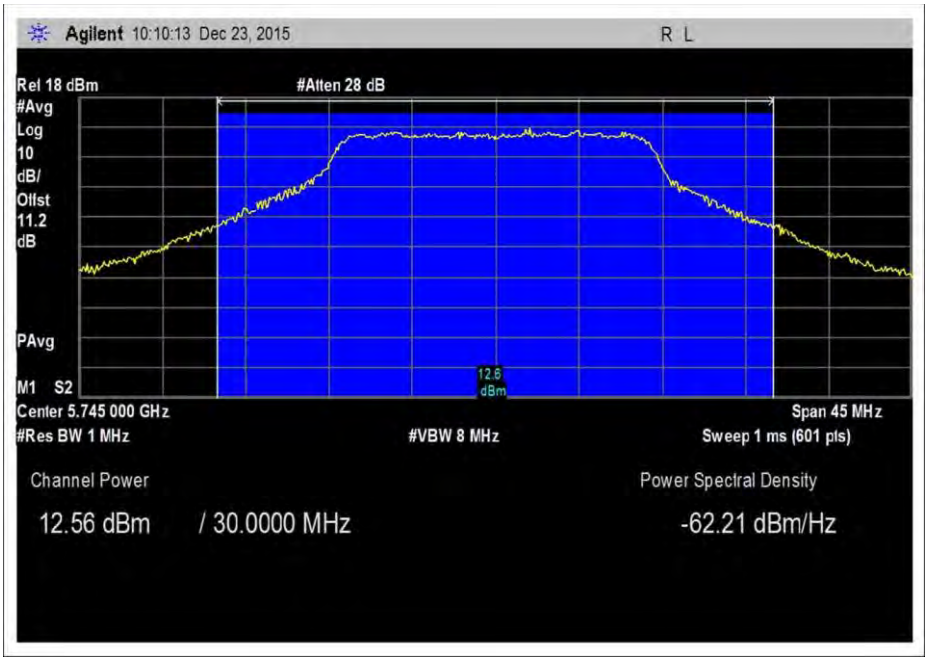


802.11a_5765MHz_pwr15_12.6dBm_orig

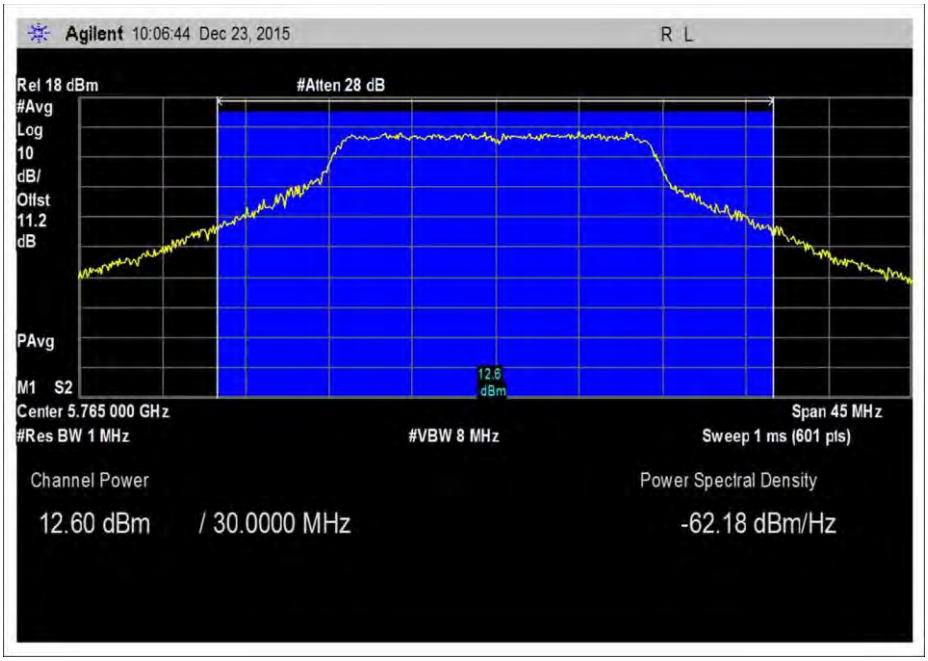


802.11a_5805MHz_pwr16_13.0dBm_orig

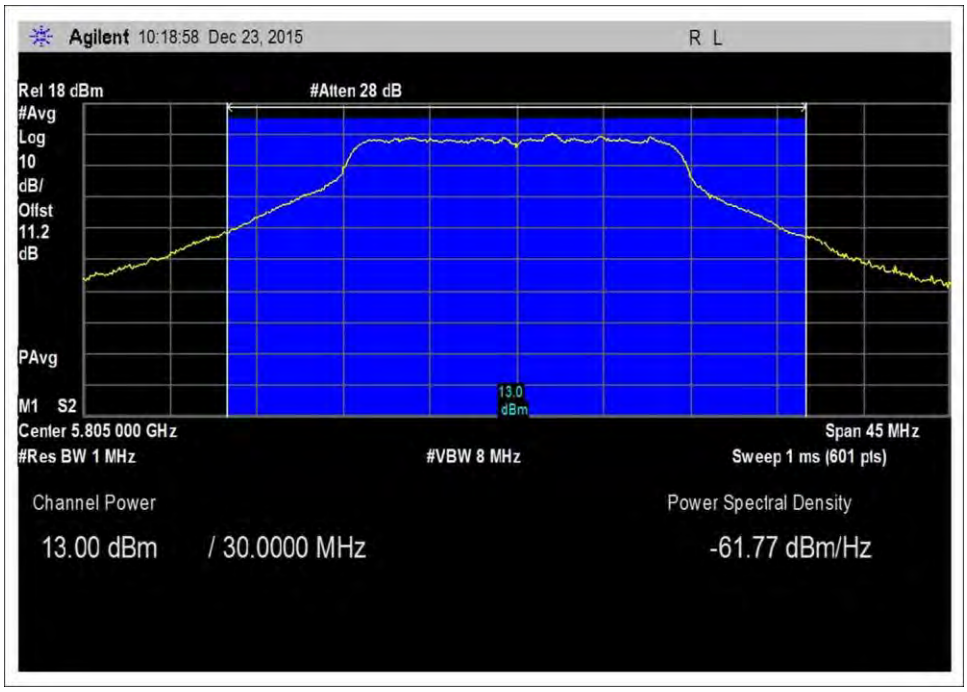
(a)(3) Power Band 4, Test Date: 12/23/2015



RF output power_5745MHz_12231_PCII



RF output power_5765MHz_12231_PCII



RF output power_5805MHz_122315_PCII

Test Setup Photo(s)

Original Testing, 2/3/2010

Original Testing, 2/3/2010

Test Date: 12/23/2015

15.407(a) Power Spectral Density

Test Setup/Conditions			
Test Location:	Brea D	Test Engineer:	E. Wong
Test Method:	KDB789033 D02 General UNII Test Procedure New Rules V01, June 6, 2014	Test Date(s):	12/23/2015
Test Setup:	The EUT is placed on the test bench. The device is set in continuous transmit mode, the RF output power is evaluated at the antenna port. Antennas: Ethertronics, 3.5dBi Pulse: 4.2dBi, Pulse		

Test Equipment					
Asset#	**Description**	**Manufacturer**	**Model**	**Cal Date**	**Cal Due**
02672*	Spectrum Analyzer	Agilent	E4446A	7/23/2008	7/23/2010
P02946*	3'-40GHz cable	Astrolab Inc.	32022-2-2909K-36TC	9/14/2009	9/14/2011
1438*	Power Supply	Topward	6306D	10/14/2009	10/14/2010
02672**	Spectrum Analyzer	Agilent	E4446A	9/30/2015	9/30/2017
03430**	Attenuator	Aeroflex/Weinschel	75A-10-12	11/2/2015	11/2/2017
P06544**	Cable	Astro Steel	32026-29094K-29094K-36TC	11/2/2015	11/2/2017

Environmental Conditions			
Temperature* (ºC)	+15 to +35	**Relative Humidity* (%):**	20 – 75%
Temperature (ºC)**	20	**Relative Humidity** (%):**	58%

* Original data from 90303-10A, March 19, 2010.

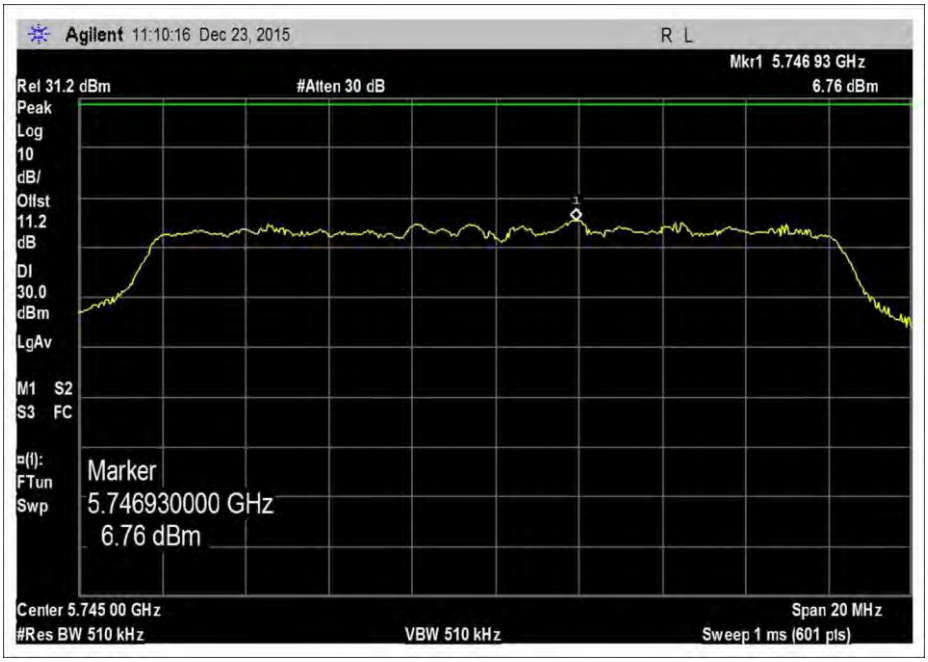
** Permission Change II, new data, December 23, 2015.

Test Data Summary - RF Conducted Measurement				
Measurement Method: AVGPSD-1				
Frequency (MHz)	**Modulation**	**Measured**	**Limit**	**Results**
5180*	802.11a/OFDM	1.56dBm/1MHz	≤17 dBm/1MHz	Pass
5200*	802.11a/OFDM	1.52dBm/1MHz	≤17 dBm/1MHz	Pass
5240*	802.11a/OFDM	1.27dBn/1MHz	≤17 dBm/1MHz	Pass
5745**	802.11a/OFDM	-2.97dBm/500kHz	≤30dBm/500kHz	Pass
5765**	802.11a/OFDM	-2.63dBm/500kHz	≤30dBm/500kHz	Pass
5805**	802.11a/OFDM	-2.69dBm/500kHz	≤30dBm/500kHz	Pass

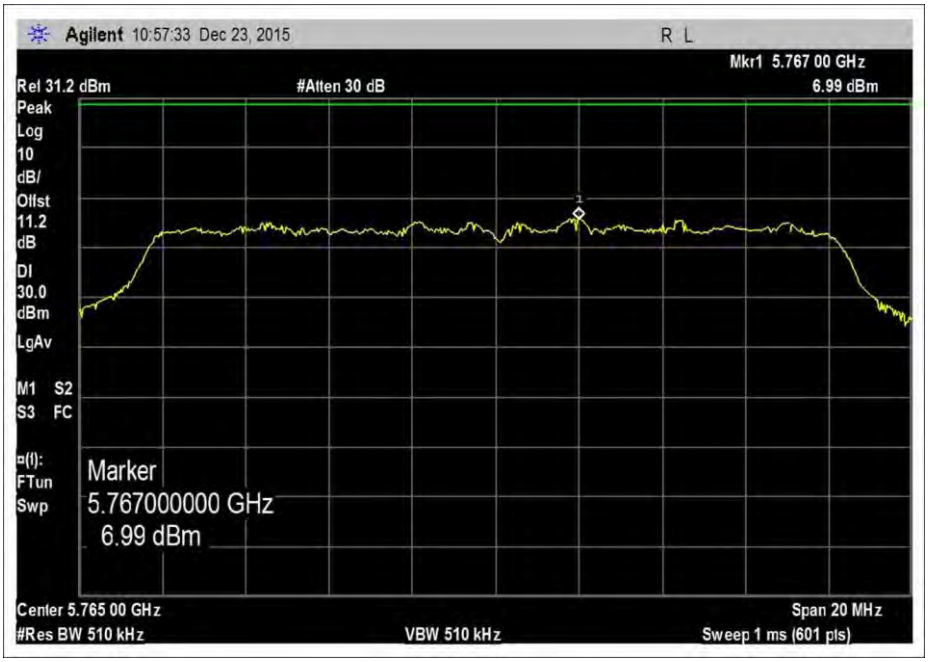
* Original data from CKC Laboratories' report 90303-10A, March 19, 2010.

** Permission Change II, new data, December 23, 2015.

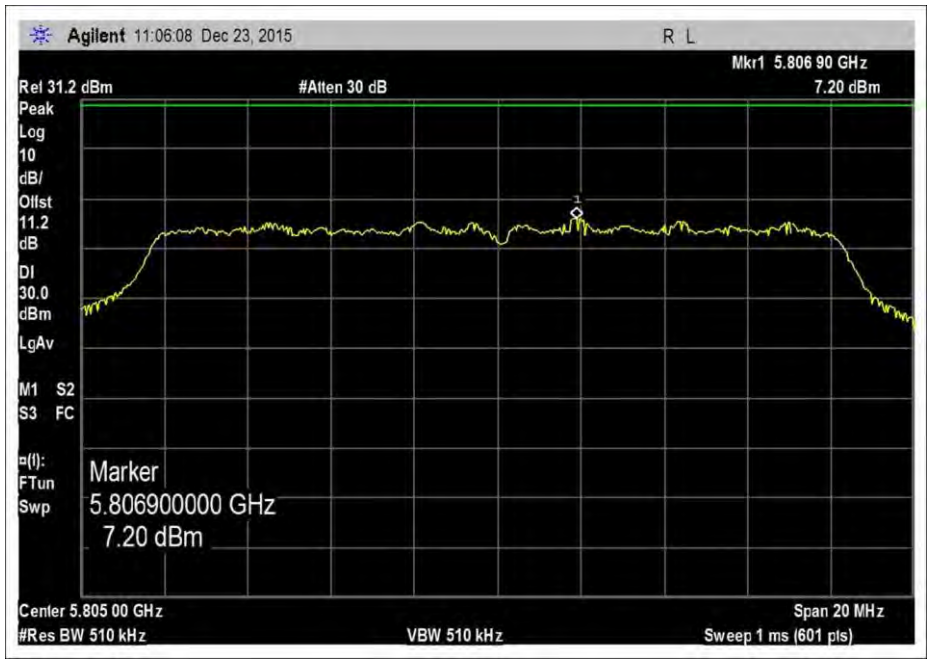
Plots



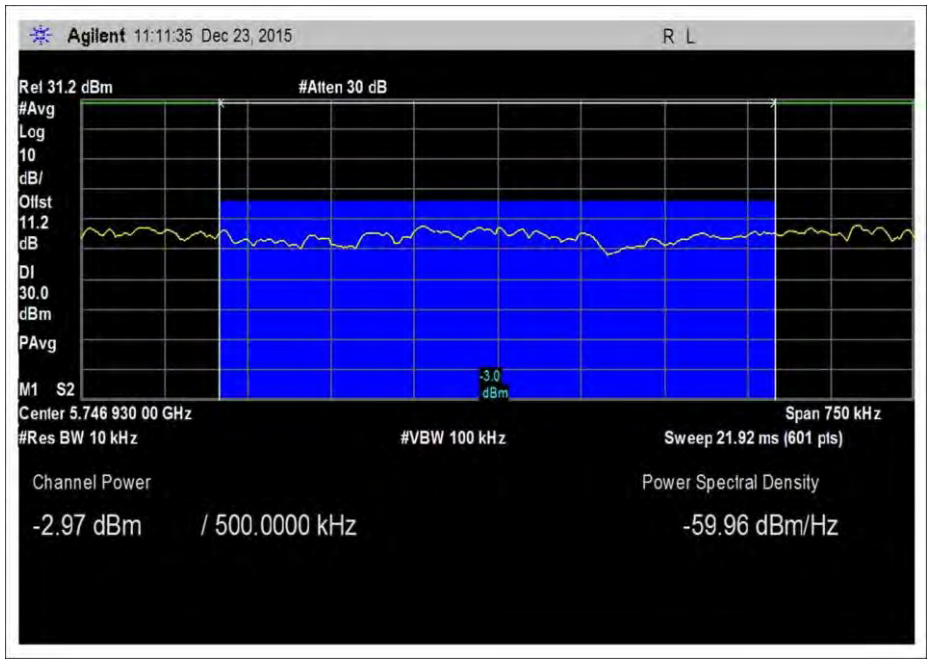
PSD plot1_5745MHz_B_PCII



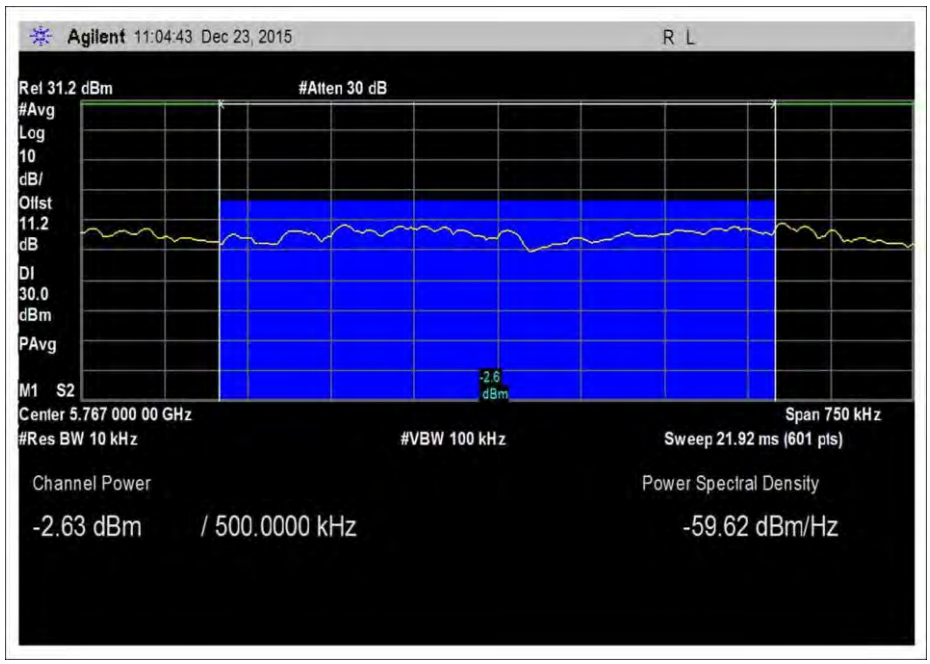
PSD plot1_5765MHz_PCII



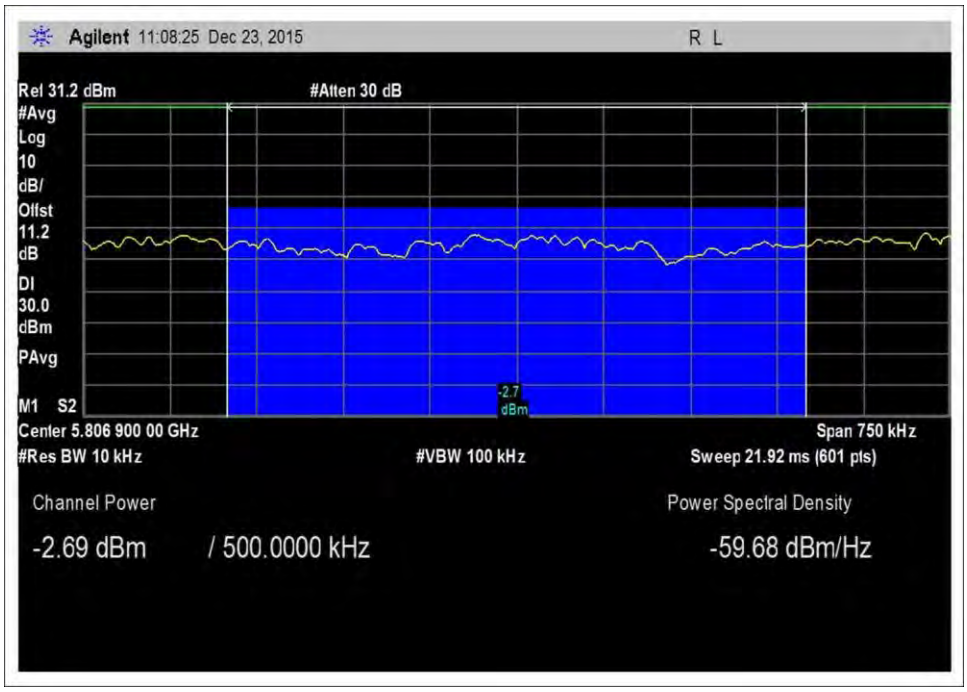
PSD plot1_5805MHz_PCII



PSD plot2_500kHz_5745MHz_B_PCII



PSD plot2_500kHz_5765MHz_PCII



PSD plot2_500kHz_5805MHz_PCII

Test Setup Photo(s)

15.407(b)(1), (b)(4), (b)(7) Radiated Emissions & Band Edge

Test Setup/Conditions			
Test Location:	Brea Lab D	Test Engineer:	E. Wong
Test Method:	ANSI C63.10 (2009), KDB 558074	Test Date(s):	3/2/2010
Configuration:	See DAT file below.		

See data sheets for test setup and equipment.

Test Data

15.407_Limit Line Calculation_Ethertronics_03/02/10

15.407 (b) Undesirable emission limits: Except as shown in paragraph (b)(6) of this section, the peak emissions outside of the frequency bands of operation shall be attenuated in accordance with the following limits:

(1) For transmitters operating in the **5.15-5.25 GHz** band: all emissions outside of the 5.15-5.35 GHz band shall not exceed an EIRP of -27 dBm/MHz.

(4) For transmitters operating in the **5.725-5.825** GHz band: all emissions within the frequency range from the band edge to 10 MHz above or below the band edge shall not exceed an EIRP of -17 dBm/MHz; for frequencies 10 MHz or greater above or below the band edge, emissions shall not exceed an EIRP of -27 dBm/MHz.

Limit: EIRP -27dBm/MHz

Gain at 5.8 MHz = 3.5 dBi = 2.24 (linear gain)

d= 3 meter

Power density formula

$$Power = \frac{(E\,d)^2}{30\,x\,G}$$

Power = EIRP = -27dBm/MHz = 0.000002W.

$$E = \frac{\sqrt{Px30G}}{d}$$

$$E = \frac{\sqrt{0.000002x30x2.24}}{3}$$

E = 0.003864V = 71.7dBuV/m @ 3m.

15.407 Limit Line Calculation Pulse

15.407 (b) Undesirable emission limits: Except as shown in paragraph (b)(6) of this section, the peak emissions outside of the frequency bands of operation shall be attenuated in accordance with the following limits:

(1) For transmitters operating in the **5.15-5.25 GHz** band: all emissions outside of the 5.15-5.35 GHz band shall not exceed an EIRP of -27 dBm/MHz.

(4) For transmitters operating in the **5.725-5.825** GHz band: all emissions within the frequency range from the band edge to 10 MHz above or below the band edge shall not exceed an EIRP of -17 dBm/MHz; for frequencies 10 MHz or greater above or below the band edge, emissions shall not exceed an EIRP of -27 dBm/MHz.

Limit: EIRP -27dBm/MHz

Gain at 5.8 MHz = 4.2 dBi = 2.6 (linear gain)

d= 3 meter

Power density formula

$$Power = \frac{(E\,d)^2}{30 \text{ x } G}$$

Power = EIRP = -27dBm/MHz = 0.000002W.

$$E = \frac{\sqrt{Px30G}}{d}$$

$$E = \frac{\sqrt{0.000002x30x2.6}}{3}$$

E = 0.004163v = 72.3dBuV/m @ 3m.

Test Location: CKC Laboratories, Inc. • 110. N. Olinda Place. • Brea, CA 92821 • (714) 993-6112

Customer: **Silex Technology, America, Inc.**
Specification: **FCC 15.407 (b)(1),(b)(4)**
Work Order #: **90303** Date: 2/2/2010
Test Type: **Radiated Scan** Time: 13:43:58
Equipment: **Wireless 802.11a/b/g SD Card Radio** Sequence#: 7
Manufacturer: Silex Technology America, Inc. Tested By: E. Wong
Model: SX-SDCAG
S/N: E1

***Test Equipment*:**

Function	S/N	Calibration Date	Cal Due Date	Asset #
Bicon Antenna	220	10/22/2009	10/22/2011	306
Log Antenna	331	10/22/2009	10/22/2011	300
Spectrum Analyzer	US44300438	07/23/2008	07/23/2010	02672
Pre amp to SA Cable	Cable #10	04/16/2009	04/16/2011	P05050
Cable	Cable15	01/05/2009	01/05/2011	P05198
Pre Amp	1937A02548	05/02/2008	05/02/2010	00309
Horn Antenna	6246	06/06/2008	06/06/2010	00849
Microwave Pre-amp	3123A00281	07/28/2008	07/28/2010	00786
Heliax Antenna Cable	P5565	09/04/2008	09/04/2010	P05565
18-26GHz Horn	942126-003	11/12/2008	11/12/2010	01413
Loop Antenna	2014	06/16/2008	06/16/2010	00314
3'-40GHz cable	NA	09/14/2009	09/14/2011	P02946
2'-40GHz cable	NA	09/21/2009	09/21/2011	P2948
5.8 GHz HPF	1	03/25/2008	03/25/2010	02755
AMP 50GHz	3332A00309	11/13/2008	11/13/2010	02115
26.5-40GHz Horn Antenna	1012	11/12/2008	11/12/2010	02045

***Equipment Under Test* (* = EUT):**

Function	Manufacturer	Model #	S/N
Wireless 802.11a/b/g SD Card Radio*	Silex Technology America, Inc.	SX-SDCAG	E1

Support Devices:

Function	Manufacturer	Model #	S/N
Evaluator Board	Silex Technology America, Inc.	SX-560-6900	NA
Power Supply	Condor	HK-CH13-A05	NA
802.11 a/b/g Wireless Access Point	3-Com	WL-526	NA
Laptop	Sony	PCG-982L	8323330
Serial Server	Silex Technology America, Inc.	SX-560	SL004545

Test Conditions / Notes:

The EUT and support evaluation board are placed on the wooden table lined with a Styrofoam surface of 5 cm thickness. The EUT seeking modular approval is extended beyond the perimeter of the evaluation board via an extender card.

The support laptop sends data to the EUT via a support WiFi hub, the EUT receives processes and returns the data to the support computer via a support wireless hub.

Serial port of the support evaluation board is connected to the support laptop via a serial cable and all other ports are left unpopulated.

Freq: 5.15 - 5.25GHz, 5.725 - 5.825GHz

Tx Frequency: 5180MHz, 5200MHz, 5240MHz, 5745MHz, 5765MHz, 5805MHz.
Modulation: 802.11 a (54 mbps),
Ch 36, 40, 48, 149, 153, 161.
Firmware Power setting: 16, 16, 16, 15, 15, 16
Power = 13.3 dBm (0.0214W) ,13.2dBm (0.0209W), 13.3dBm (0.0214), 12.6dBm(0.0182), 12.6dBm (0.0182W), 13.0dBm(0.0200W)

Antenna Manufacturer: Ethertronics
Antenna Gain: 2.5dBi @2.5GHz
Antenna Gain: 3.5dBi @5.0GHz
Transmit via Antenna #1

13°C, 58% Relative Humidity

Emission profile of the EUT and antennas rotated along the three orthogonal axis was investigated.

Frequency range of measurement = 9 kHz- 40 GHz.
Frequency 9 kHz - 150 kHz RBW=200 Hz, VBW=200 Hz; 150 kHz- 30 MHz RBW=9 kHz, VBW=9 kHz; 30 MHz- 1000 MHz RBW=120 kHz, VBW=120 kHz; 1000 MHz- 40000 MHz RBW=1 MHz, VBW=1 MHz.

Transducer Legend:

T2=Log AN00300_102211	T1=Bico AN00306_102211
T4=Cable #15_05198_ Site A, 010511	T3=Cable #10 ANP05050 041611
T6=Heliax Cable 54' ANP05565 090410	T5=Pre_amp_HP8447D-AN00309-050210
T8=Hi Freq_40GHz_2ft-AN02948-092111	T7=HF_pre AMP-1-26GHz_AN00786-072810.TRN
T10=Horn Ant AN01413_111310	T9=Horn Ant AN00849 060610
	T11=HPF_6GHz-AN02755-032510

Ext Attn: 0 dB

Measurement Data: Reading listed by margin. Test Distance: 1 Meter

#	Freq	Rdng	T1	T2	T3	T4	Dist	Corr	Spec	Margin	Polar
			T5	T6	T7	T8					
			T9	T10	T11						
	MHz	dBµV	dB	dB	dB	dB	Table	dBµV/m	dBµV/m	dB	Ant
1	11611.500	39.7	+0.0	+0.0	+0.0	+0.0	+0.0	53.7	76.5	-22.8	Horiz
	M		+0.0	+9.6	-35.9	+1.1					
	Ave		+38.8	+0.0	+0.4				Z_802.11a_5805MHz		

^	11611.500 M	51.9	+0.0 +0.0 +38.8	+0.0 +9.6 +0.0	+0.0 -35.9 +0.4	+0.0 +1.1	+0.0	65.9	76.5	-10.6	Horiz	Z_802.11a_5805MHz
3	11529.417 M Ave	39.5	+0.0 +0.0 +38.8	+0.0 +9.6 +0.0	+0.0 -35.9 +0.4	+0.0 +1.1	+0.0	53.5	76.5	-23.0	Vert	Y_802.11a_5765MHz
4	11491.333 M Ave	39.3	+0.0 +0.0 +38.8	+0.0 +9.6 +0.0	+0.0 -35.9 +0.4	+0.0 +1.1	+0.0	53.3	76.5	-23.2	Horiz	Z_802.11a_5745MHz . power 16, 10 dB pad
^	11491.333 M	52.8	+0.0 +0.0 +38.8	+0.0 +9.6 +0.0	+0.0 -35.9 +0.4	+0.0 +1.1	+0.0	66.8	76.5	-9.7	Horiz	Z_802.11a_5745MHz . power 16, 10 dB pad
6	11490.000 M Ave	38.7	+0.0 +0.0 +38.8	+0.0 +9.6 +0.0	+0.0 -35.9 +0.4	+0.0 +1.1	+0.0	52.7	76.5	-23.8	Vert	Y_802.11a_5745MHz
7	17236.333 M Ave	40.4	+0.0 +0.0 +41.6	+0.0 +12.5 +0.0	+0.0 -33.7 +0.3	+0.0 +1.5	-10.0	52.6	76.5	-23.9	Horiz	Z_802.11a_5745MHz , power=16, 10 dB pad, 1 meter
^	17236.333 M	53.5	+0.0 +0.0 +41.6	+0.0 +12.5 +0.0	+0.0 -33.7 +0.3	+0.0 +1.5	-10.0	65.7	76.5	-10.8	Horiz	Z_802.11a_5745MHz , power=16, 10 dB pad, 1 meter
9	11610.667 M Ave	38.5	+0.0 +0.0 +38.8	+0.0 +9.6 +0.0	+0.0 -35.9 +0.4	+0.0 +1.1	+0.0	52.5	76.5	-24.0	Horiz	X_5805MHz
^	11610.667 M	51.1	+0.0 +0.0 +38.8	+0.0 +9.6 +0.0	+0.0 -35.9 +0.4	+0.0 +1.1	+0.0	65.1	76.5	-11.4	Horiz	X_5805MHz
11	17235.000 M Ave	40.2	+0.0 +0.0 +41.6	+0.0 +12.5 +0.0	+0.0 -33.7 +0.3	+0.0 +1.5	-10.0	52.4	76.5	-24.1	Horiz	X_802.11a_5745MHz
12	11528.333 M Ave	38.3	+0.0 +0.0 +38.8	+0.0 +9.6 +0.0	+0.0 -35.9 +0.4	+0.0 +1.1	+0.0	52.3	76.5	-24.2	Horiz	Z_802.11a_5765MHz
^	11528.333 M	50.7	+0.0 +0.0 +38.8	+0.0 +9.6 +0.0	+0.0 -35.9 +0.4	+0.0 +1.1	+0.0	64.7	76.5	-11.8	Horiz	Z_802.11a_5765MHz

14	17289.000 M Ave	39.7	+0.0 +0.0 +41.8	+0.0 +12.5 +0.0	+0.0 -33.6 +0.3	+0.0 +1.5	-10.0	52.2	76.5 X_802.11a_5765MHz	-24.3	Horiz
^	17289.000 M	54.1	+0.0 +0.0 +41.8	+0.0 +12.5 +0.0	+0.0 -33.6 +0.3	+0.0 +1.5	-10.0	66.6	76.5 X_802.11a_5765MHz	-9.9	Horiz
16	11612.330 M Ave	37.3	+0.0 +0.0 +38.8	+0.0 +9.6 +0.0	+0.0 -35.9 +0.4	+0.0 +1.1	+0.0	51.3	76.5 Y-802.11a_5805MHz	-25.2	Vert
^	11612.330 M	49.4	+0.0 +0.0 +38.8	+0.0 +9.6 +0.0	+0.0 -35.9 +0.4	+0.0 +1.1	+0.0	63.4	76.5 Y-802.11a_5805MHz	-13.1	Vert
18	11606.017 M Ave	37.3	+0.0 +0.0 +38.8	+0.0 +9.6 +0.0	+0.0 -35.9 +0.4	+0.0 +1.1	+0.0	51.3	76.5 X_5805MHz	-25.2	Vert
^	11606.000 M	48.5	+0.0 +0.0 +38.8	+0.0 +9.6 +0.0	+0.0 -35.9 +0.4	+0.0 +1.1	+0.0	62.5	76.5 X_5805MHz	-14.0	Vert
20	17411.333 M Ave	37.9	+0.0 +0.0 +42.4	+0.0 +12.5 +0.0	+0.0 -33.6 +0.4	+0.0 +1.5	-10.0	51.1	76.5 X_5805MHz	-25.4	Horiz
^	17411.333 M	53.4	+0.0 +0.0 +42.4	+0.0 +12.5 +0.0	+0.0 -33.6 +0.4	+0.0 +1.5	-10.0	66.6	76.5 X_5805MHz	-9.9	Horiz
22	11490.000 M Ave	37.0	+0.0 +0.0 +38.8	+0.0 +9.6 +0.0	+0.0 -35.9 +0.4	+0.0 +1.1	+0.0	51.0	76.5 X_802.11a_5745MHz	-25.5	Horiz
23	17283.333 M Ave	38.3	+0.0 +0.0 +41.8	+0.0 +12.5 +0.0	+0.0 -33.6 +0.3	+0.0 +1.5	-10.0	50.8	76.5 Z_802.11a_5765MHz	-25.7	Horiz
^	17283.333 M	52.6	+0.0 +0.0 +41.8	+0.0 +12.5 +0.0	+0.0 -33.6 +0.3	+0.0 +1.5	-10.0	65.1	76.5 Z_802.11a_5765MHz	-11.4	Horiz
25	11525.933 M Ave	36.7	+0.0 +0.0 +38.8	+0.0 +9.6 +0.0	+0.0 -35.9 +0.4	+0.0 +1.1	+0.0	50.7	76.5 X_802.11a_5765MHz	-25.8	Vert
^	11526.000 M	47.2	+0.0 +0.0 +38.8	+0.0 +9.6 +0.0	+0.0 -35.9 +0.4	+0.0 +1.1	+0.0	61.2	76.5 X_802.11a_5765MHz	-15.3	Vert
27	6906.567M Ave	44.1	+0.0 +0.0 +34.9	+0.0 +6.7 +0.0	+0.0 -36.5 +0.5	+0.0 +0.8	+0.0	50.5	76.5 Z_802.11a_5180MHz	-26.0	Horiz

28	11526.000 M Ave	36.4	+0.0 +0.0 +38.8	+0.0 +9.6 +0.0	+0.0 -35.9 +0.4	+0.0 +1.1	+0.0	50.4	76.5 X_802.11a_5765M Hz	-26.1	Horiz
^	11526.000 M	49.6	+0.0 +0.0 +38.8	+0.0 +9.6 +0.0	+0.0 -35.9 +0.4	+0.0 +1.1	+0.0	63.6	76.5 X_802.11a_5765M Hz	-12.9	Horiz
30	11490.000 M Ave	36.3	+0.0 +0.0 +38.8	+0.0 +9.6 +0.0	+0.0 -35.9 +0.4	+0.0 +1.1	+0.0	50.3	76.5 X_802.11a_5745M Hz	-26.2	Vert
31	17421.667 M Ave	36.1	+0.0 +0.0 +42.4	+0.0 +12.5 +0.0	+0.0 -33.6 +0.4	+0.0 +1.5	-10.0	49.3	76.5 Z_802.11a_5805M Hz	-27.2	Horiz
^	17421.667 M	47.3	+0.0 +0.0 +42.4	+0.0 +12.5 +0.0	+0.0 -33.6 +0.4	+0.0 +1.5	-10.0	60.5	76.5 Z_802.11a_5805M Hz	-16.0	Horiz
33	15600.000 M Ave	31.9	+0.0 +0.0 +38.0	+0.0 +11.8 +0.0	+0.0 -34.6 +0.5	+0.0 +1.4	+0.0	49.0	76.5 Z_802.11a_5200M Hz	-27.5	Horiz
34	6986.667M Ave	42.3	+0.0 +0.0 +35.0	+0.0 +6.7 +0.0	+0.0 -36.4 +0.5	+0.0 +0.8	+0.0	48.9	76.5 Z_802.11a_5240M Hz	-27.6	Horiz
35	15600.000 M Ave	31.7	+0.0 +0.0 +38.0	+0.0 +11.8 +0.0	+0.0 -34.6 +0.5	+0.0 +1.4	+0.0	48.8	76.5 Y_802.11a_5200M Hz	-27.7	Horiz
36	6906.650M Ave	42.1	+0.0 +0.0 +34.9	+0.0 +6.7 +0.0	+0.0 -36.5 +0.5	+0.0 +0.8	+0.0	48.5	76.5 Y_802.11a_5180M Hz	-28.0	Vert
^	6906.650M	46.3	+0.0 +0.0 +34.9	+0.0 +6.7 +0.0	+0.0 -36.5 +0.5	+0.0 +0.8	+0.0	52.7	76.5 Y_802.11a_5180M Hz	-23.8	Vert
38	6906.500M	42.1	+0.0 +0.0 +34.9	+0.0 +6.7 +0.0	+0.0 -36.5 +0.5	+0.0 +0.8	+0.0	48.5	76.5 Z_802.11a_5180M Hz	-28.0	Vert
39	15720.000 M Ave	31.0	+0.0 +0.0 +38.0	+0.0 +11.8 +0.0	+0.0 -34.4 +0.5	+0.0 +1.4	+0.0	48.3	76.5 Z_802.11a_5240M Hz	-28.2	Horiz
40	15600.000 M Ave	31.2	+0.0 +0.0 +38.0	+0.0 +11.8 +0.0	+0.0 -34.6 +0.5	+0.0 +1.4	+0.0	48.3	76.5 Y_802.11a_5200M Hz	-28.2	Vert
41	10400.000 M Ave	36.3	+0.0 +0.0 +38.0	+0.0 +8.8 +0.0	+0.0 -36.2 +0.3	+0.0 +1.0	+0.0	48.2	76.5 Y_802.11a_5200M Hz	-28.3	Horiz

42	6933.497M Ave	41.8	+0.0 +0.0 +34.9	+0.0 +6.7 +0.0	+0.0 -36.5 +0.5	+0.0 +0.8	+0.0	48.2	76.5 Z_802.11a_5200M Hz	-28.3	Horiz
^	6933.497M	47.9	+0.0 +0.0 +34.9	+0.0 +6.7 +0.0	+0.0 -36.5 +0.5	+0.0 +0.8	+0.0	54.3	76.5 Z_802.11a_5200M Hz	-22.2	Horiz
44	6933.050M Ave	41.7	+0.0 +0.0 +34.9	+0.0 +6.7 +0.0	+0.0 -36.5 +0.5	+0.0 +0.8	+0.0	48.1	76.5 Y_802.11a_5200M Hz	-28.4	Vert
^	6933.050M	48.0	+0.0 +0.0 +34.9	+0.0 +6.7 +0.0	+0.0 -36.5 +0.5	+0.0 +0.8	+0.0	54.4	76.5 Y_802.11a_5200M Hz	-22.1	Vert
46	6986.533M Ave	41.4	+0.0 +0.0 +35.0	+0.0 +6.7 +0.0	+0.0 -36.4 +0.5	+0.0 +0.8	+0.0	48.0	76.5 Y_802.11a_5240M Hz	-28.5	Vert
^	6986.533M	46.7	+0.0 +0.0 +35.0	+0.0 +6.7 +0.0	+0.0 -36.4 +0.5	+0.0 +0.8	+0.0	53.3	76.5 Y_802.11a_5240M Hz	-23.2	Vert
48	15542.500 M Ave	30.7	+0.0 +0.0 +38.0	+0.0 +11.7 +0.0	+0.0 -34.6 +0.5	+0.0 +1.4	+0.0	47.7	76.5 Z_802.11a_5180M Hz	-28.8	Horiz
^	15542.500 M	44.5	+0.0 +0.0 +38.0	+0.0 +11.7 +0.0	+0.0 -34.6 +0.5	+0.0 +1.4	+0.0	61.5	76.5 Z_802.11a_5180M Hz	-15.0	Horiz
50	11610.000 M Ave	33.5	+0.0 +0.0 +38.8	+0.0 +9.6 +0.0	+0.0 -35.9 +0.4	+0.0 +1.1	+0.0	47.5	76.5 Z_802.11a_5805M Hz	-29.0	Vert
^	11610.000 M	45.4	+0.0 +0.0 +38.8	+0.0 +9.6 +0.0	+0.0 -35.9 +0.4	+0.0 +1.1	+0.0	59.4	76.5 Z_802.11a_5805M Hz	-17.1	Vert
52	17235.817 M Ave	24.9	+0.0 +0.0 +41.6	+0.0 +12.5 +0.0	+0.0 -33.7 +0.3	+0.0 +1.5	+0.0	47.1	76.5 Z_802.11a_5745M Hz	-29.4	Vert
^	17235.817 M	37.3	+0.0 +0.0 +41.6	+0.0 +12.5 +0.0	+0.0 -33.7 +0.3	+0.0 +1.5	+0.0	59.5	76.5 Z_802.11a_5745M Hz	-17.0	Vert
54	17235.000 M Ave	34.9	+0.0 +0.0 +41.6	+0.0 +12.5 +0.0	+0.0 -33.7 +0.3	+0.0 +1.5	-10.0	47.1	76.5 X_802.11a_5745M Hz	-29.4	Vert
^	17235.000 M	46.6	+0.0 +0.0 +41.6	+0.0 +12.5 +0.0	+0.0 -33.7 +0.3	+0.0 +1.5	-10.0	58.8	76.5 X_802.11a_5745M Hz	-17.7	Vert

56	11490.000 M Ave	32.8	+0.0 +0.0 +38.8	+0.0 +9.6 +0.0	+0.0 -35.9 +0.4	+0.0 +1.1	+0.0	46.8	76.5 Z_802.11a_5745M Hz	-29.7	Vert
^	11490.000 M	51.5	+0.0 +0.0 +38.8	+0.0 +9.6 +0.0	+0.0 -35.9 +0.4	+0.0 +1.1	+0.0	65.5	76.5 Y_802.11a_5745M Hz	-11.0	Vert
^	11490.000 M	48.5	+0.0 +0.0 +38.8	+0.0 +9.6 +0.0	+0.0 -35.9 +0.4	+0.0 +1.1	+0.0	62.5	76.5 X_802.11a_5745M Hz	-14.0	Vert
^	11490.000 M	44.2	+0.0 +0.0 +38.8	+0.0 +9.6 +0.0	+0.0 -35.9 +0.4	+0.0 +1.1	+0.0	58.2	76.5 Z_802.11a_5745M Hz	-18.3	Vert
60	10400.000 M Ave	34.8	+0.0 +0.0 +38.0	+0.0 +8.8 +0.0	+0.0 -36.2 +0.3	+0.0 +1.0	+0.0	46.7	76.5 Z_802.11a_5200M Hz	-29.8	Horiz
61	17289.000 M Ave	34.1	+0.0 +0.0 +41.8	+0.0 +12.5 +0.0	+0.0 -33.6 +0.3	+0.0 +1.5	-10.0	46.6	76.5 X_802.11a_5765M Hz	-29.9	Vert
^	17289.000 M	45.4	+0.0 +0.0 +41.8	+0.0 +12.5 +0.0	+0.0 -33.6 +0.3	+0.0 +1.5	-10.0	57.9	76.5 X_802.11a_5765M Hz	-18.6	Vert
63	17292.217 M Ave	34.0	+0.0 +0.0 +41.9	+0.0 +12.5 +0.0	+0.0 -33.6 +0.3	+0.0 +1.5	-10.0	46.6	76.5 Y_802.11a_5765M Hz	-29.9	Vert
^	17292.217 M	45.5	+0.0 +0.0 +41.9	+0.0 +12.5 +0.0	+0.0 -33.6 +0.3	+0.0 +1.5	-10.0	58.1	76.5 Y_802.11a_5765M Hz	-18.4	Vert
65	11529.333 M Ave	32.6	+0.0 +0.0 +38.8	+0.0 +9.6 +0.0	+0.0 -35.9 +0.4	+0.0 +1.1	+0.0	46.6	76.5 Z_802.11a_5765M Hz	-29.9	Vert
^	11529.417 M	52.4	+0.0 +0.0 +38.8	+0.0 +9.6 +0.0	+0.0 -35.9 +0.4	+0.0 +1.1	+0.0	66.4	76.5 Y_802.11a_5765M Hz	-10.1	Vert
^	11529.333 M	44.5	+0.0 +0.0 +38.8	+0.0 +9.6 +0.0	+0.0 -35.9 +0.4	+0.0 +1.1	+0.0	58.5	76.5 Z_802.11a_5765M Hz	-18.0	Vert
68	17230.500 M Ave	34.3	+0.0 +0.0 +41.6	+0.0 +12.5 +0.0	+0.0 -33.7 +0.3	+0.0 +1.5	-10.0	46.5	76.5 Y_802.11a_5745M Hz	-30.0	Vert

^	17230.500 M	46.2	+0.0 +0.0 +41.6	+0.0 +12.5 +0.0	+0.0 -33.7 +0.3	+0.0 +1.5	-10.0	58.4	76.5 Y_802.11a_5745M Hz	-18.1	Vert
70	17415.000 M Ave	23.0	+0.0 +0.0 +42.4	+0.0 +12.5 +0.0	+0.0 -33.6 +0.4	+0.0 +1.5	+0.0	46.2	76.5 Z_802.11a_5805M Hz	-30.3	Vert
^	17415.000 M	33.7	+0.0 +0.0 +42.4	+0.0 +12.5 +0.0	+0.0 -33.6 +0.4	+0.0 +1.5	+0.0	56.9	76.5 Z_802.11a_5805M Hz	-19.6	Vert
72	15540.000 M Ave	28.9	+0.0 +0.0 +38.0	+0.0 +11.7 +0.0	+0.0 -34.6 +0.5	+0.0 +1.4	+0.0	45.9	76.5 Y_802.11a_5180M Hz	-30.6	Vert
73	11527.800 M Ave	31.9	+0.0 +0.0 +38.8	+0.0 +9.6 +0.0	+0.0 -35.9 +0.4	+0.0 +1.1	+0.0	45.9	76.5 Y_802.11a_5765M Hz	-30.6	Horiz
^	11527.800 M	44.8	+0.0 +0.0 +38.8	+0.0 +9.6 +0.0	+0.0 -35.9 +0.4	+0.0 +1.1	+0.0	58.8	76.5 Y_802.11a_5765M Hz	-17.7	Horiz
75	15720.000 M Ave	28.3	+0.0 +0.0 +38.0	+0.0 +11.8 +0.0	+0.0 -34.4 +0.5	+0.0 +1.4	+0.0	45.6	76.5 Y_802.11a_5240M Hz	-30.9	Horiz
76	17292.800 M Ave	33.0	+0.0 +0.0 +41.9	+0.0 +12.5 +0.0	+0.0 -33.6 +0.3	+0.0 +1.5	-10.0	45.6	76.5 Y_802.11a_5765M Hz	-30.9	Horiz
^	17292.800 M	45.9	+0.0 +0.0 +41.9	+0.0 +12.5 +0.0	+0.0 -33.6 +0.3	+0.0 +1.5	-10.0	58.5	76.5 Y_802.11a_5765M Hz	-18.0	Horiz
78	10480.000 M Ave	33.6	+0.0 +0.0 +38.0	+0.0 +8.9 +0.0	+0.0 -36.2 +0.3	+0.0 +1.0	+0.0	45.6	76.5 Z_802.11a_5240M Hz	-30.9	Horiz
79	10359.833 M Ave	33.6	+0.0 +0.0 +38.0	+0.0 +8.8 +0.0	+0.0 -36.2 +0.3	+0.0 +1.0	+0.0	45.5	76.5 Z_802.11a_5180M Hz	-31.0	Horiz
^	10359.833 M	48.0	+0.0 +0.0 +38.0	+0.0 +8.8 +0.0	+0.0 -36.2 +0.3	+0.0 +1.0	+0.0	59.9	76.5 Z_802.11a_5180M Hz	-16.6	Horiz

81	15600.000 M Ave	28.1	+0.0 +0.0 +38.0	+0.0 +11.8 +0.0	+0.0 -34.6 +0.5	+0.0 +1.4	+0.0	45.2	76.5 X_802.11a_5200MHz	-31.3	Vert
^	15600.000 M	42.2	+0.0 +0.0 +38.0	+0.0 +11.8 +0.0	+0.0 -34.6 +0.5	+0.0 +1.4	+0.0	59.3	76.5 Y_802.11a_5200MHz	-17.2	Vert
^	15600.000 M	40.3	+0.0 +0.0 +38.0	+0.0 +11.8 +0.0	+0.0 -34.6 +0.5	+0.0 +1.4	+0.0	57.4	76.5 X_802.11a_5200MHz	-19.1	Vert
84	10400.000 M Ave	33.3	+0.0 +0.0 +38.0	+0.0 +8.8 +0.0	+0.0 -36.2 +0.3	+0.0 +1.0	+0.0	45.2	76.5 X_802.11a_5200MHz	-31.3	Vert
85	10480.000 M Ave	33.1	+0.0 +0.0 +38.0	+0.0 +8.9 +0.0	+0.0 -36.2 +0.3	+0.0 +1.0	+0.0	45.1	76.5 X_802.11a_5240MHz	-31.4	Horiz
86	10358.500 M Ave	33.2	+0.0 +0.0 +38.0	+0.0 +8.8 +0.0	+0.0 -36.2 +0.3	+0.0 +1.0	+0.0	45.1	76.5 X_802.11a_5180MHz	-31.4	Horiz
^	10358.500 M	47.0	+0.0 +0.0 +38.0	+0.0 +8.8 +0.0	+0.0 -36.2 +0.3	+0.0 +1.0	+0.0	58.9	76.5 X_802.11a_5180MHz	-17.6	Horiz
88	11610.000 M Ave	31.1	+0.0 +0.0 +38.8	+0.0 +9.6 +0.0	+0.0 -35.9 +0.4	+0.0 +1.1	+0.0	45.1	76.5 Y-802.11a_5805MHz	-31.4	Horiz
^	11610.000 M	43.1	+0.0 +0.0 +38.8	+0.0 +9.6 +0.0	+0.0 -35.9 +0.4	+0.0 +1.1	+0.0	57.1	76.5 Y-802.11a_5805MHz	-19.4	Horiz
90	10479.000 M Ave	33.0	+0.0 +0.0 +38.0	+0.0 +8.9 +0.0	+0.0 -36.2 +0.3	+0.0 +1.0	+0.0	45.0	76.5 Z_802.11a_5240MHz	-31.5	Vert
^	10479.000 M	46.8	+0.0 +0.0 +38.0	+0.0 +8.9 +0.0	+0.0 -36.2 +0.3	+0.0 +1.0	+0.0	58.8	76.5 Z_802.11a_5240MHz	-17.7	Vert
92	10358.000 M Ave	33.1	+0.0 +0.0 +38.0	+0.0 +8.8 +0.0	+0.0 -36.2 +0.3	+0.0 +1.0	+0.0	45.0	76.5 X_802.11a_5180MHz	-31.5	Vert
^	10358.000 M	47.4	+0.0 +0.0 +38.0	+0.0 +8.8 +0.0	+0.0 -36.2 +0.3	+0.0 +1.0	+0.0	59.3	76.5 X_802.11a_5180MHz	-17.2	Vert

94	17415.000 M Ave	31.8	+0.0 +0.0 +42.4	+0.0 +12.5 +0.0	+0.0 -33.6 +0.4	+0.0 +1.5	-10.0	45.0	76.5 Y-802.11a_5805MHz	-31.5	Horiz
^	17415.000 M	44.3	+0.0 +0.0 +42.4	+0.0 +12.5 +0.0	+0.0 -33.6 +0.4	+0.0 +1.5	-10.0	57.5	76.5 Y-802.11a_5805MHz	-19.0	Horiz
96	17411.333 M Ave	31.7	+0.0 +0.0 +42.4	+0.0 +12.5 +0.0	+0.0 -33.6 +0.4	+0.0 +1.5	-10.0	44.9	76.5 X_5805MHz	-31.6	Vert
^	17411.333 M	42.1	+0.0 +0.0 +42.4	+0.0 +12.5 +0.0	+0.0 -33.6 +0.4	+0.0 +1.5	-10.0	55.3	76.5 X_5805MHz	-21.2	Vert
98	17416.167 M Ave	31.6	+0.0 +0.0 +42.4	+0.0 +12.5 +0.0	+0.0 -33.6 +0.4	+0.0 +1.5	-10.0	44.8	76.5 Y-802.11a_5805MHz	-31.7	Vert
^	17416.167 M	41.1	+0.0 +0.0 +42.4	+0.0 +12.5 +0.0	+0.0 -33.6 +0.4	+0.0 +1.5	-10.0	54.3	76.5 Y-802.11a_5805MHz	-22.2	Vert
100	17301.000 M Ave	21.9	+0.0 +0.0 +41.9	+0.0 +12.5 +0.0	+0.0 -33.6 +0.3	+0.0 +1.5	+0.0	44.5	76.5 Z_802.11a_5765MHz	-32.0	Vert
^	17301.000 M	32.8	+0.0 +0.0 +41.9	+0.0 +12.5 +0.0	+0.0 -33.6 +0.3	+0.0 +1.5	+0.0	55.4	76.5 Z_802.11a_5765MHz	-21.1	Vert
102	10480.000 M Ave	32.4	+0.0 +0.0 +38.0	+0.0 +8.9 +0.0	+0.0 -36.2 +0.3	+0.0 +1.0	+0.0	44.4	76.5 Y_802.11a_5240MHz	-32.1	Horiz
^	10480.000 M	46.7	+0.0 +0.0 +38.0	+0.0 +8.9 +0.0	+0.0 -36.2 +0.3	+0.0 +1.0	+0.0	58.7	76.5 Z_802.11a_5240MHz	-17.8	Horiz
^	10480.000 M	45.9	+0.0 +0.0 +38.0	+0.0 +8.9 +0.0	+0.0 -36.2 +0.3	+0.0 +1.0	+0.0	57.9	76.5 X_802.11a_5240MHz	-18.6	Horiz
^	10480.000 M	44.8	+0.0 +0.0 +38.0	+0.0 +8.9 +0.0	+0.0 -36.2 +0.3	+0.0 +1.0	+0.0	56.8	76.5 Y_802.11a_5240MHz	-19.7	Horiz

106	10480.000 M Ave	32.3	+0.0 +0.0 +38.0	+0.0 +8.9 +0.0	+0.0 -36.2 +0.3	+0.0 +1.0	+0.0	44.3	76.5 X_802.11a_5240M Hz	-32.2	Vert
^	10480.000 M	43.4	+0.0 +0.0 +38.0	+0.0 +8.9 +0.0	+0.0 -36.2 +0.3	+0.0 +1.0	+0.0	55.4	76.5 X_802.11a_5240M Hz	-21.1	Vert
108	15720.000 M Ave	26.8	+0.0 +0.0 +38.0	+0.0 +11.8 +0.0	+0.0 -34.4 +0.5	+0.0 +1.4	+0.0	44.1	76.5 X_802.11a_5240M Hz	-32.4	Vert
109	15720.000 M Ave	26.7	+0.0 +0.0 +38.0	+0.0 +11.8 +0.0	+0.0 -34.4 +0.5	+0.0 +1.4	+0.0	44.0	76.5 X_802.11a_5240M Hz	-32.5	Horiz
^	15720.000 M	43.2	+0.0 +0.0 +38.0	+0.0 +11.8 +0.0	+0.0 -34.4 +0.5	+0.0 +1.4	+0.0	60.5	76.5 Z_802.11a_5240M Hz	-16.0	Horiz
^	15720.000 M	40.4	+0.0 +0.0 +38.0	+0.0 +11.8 +0.0	+0.0 -34.4 +0.5	+0.0 +1.4	+0.0	57.7	76.5 Y_802.11a_5240M Hz	-18.8	Horiz
^	15720.000 M	39.5	+0.0 +0.0 +38.0	+0.0 +11.8 +0.0	+0.0 -34.4 +0.5	+0.0 +1.4	+0.0	56.8	76.5 X_802.11a_5240M Hz	-19.7	Horiz
113	15540.000 M Ave	27.0	+0.0 +0.0 +38.0	+0.0 +11.7 +0.0	+0.0 -34.6 +0.5	+0.0 +1.4	+0.0	44.0	76.5 Y_802.11a_5180M Hz	-32.5	Horiz
^	15540.000 M	39.1	+0.0 +0.0 +38.0	+0.0 +11.7 +0.0	+0.0 -34.6 +0.5	+0.0 +1.4	+0.0	56.1	76.5 Y_802.11a_5180M Hz	-20.4	Horiz
115	15540.000 M Ave	27.0	+0.0 +0.0 +38.0	+0.0 +11.7 +0.0	+0.0 -34.6 +0.5	+0.0 +1.4	+0.0	44.0	76.5 Z_802.11a_5180M Hz	-32.5	Vert
^	15540.000 M	40.9	+0.0 +0.0 +38.0	+0.0 +11.7 +0.0	+0.0 -34.6 +0.5	+0.0 +1.4	+0.0	57.9	76.5 Y_802.11a_5180M Hz	-18.6	Vert
^	15540.000 M	39.5	+0.0 +0.0 +38.0	+0.0 +11.7 +0.0	+0.0 -34.6 +0.5	+0.0 +1.4	+0.0	56.5	76.5 Z_802.11a_5180M Hz	-20.0	Vert

118	11490.000 M Ave	29.5	+0.0 +0.0 +38.8	+0.0 +9.6 +0.0	+0.0 -35.9 +0.4	+0.0 +1.1	+0.0	43.5	76.5 Y_802.11a_5745M Hz	-33.0	Horiz
^	11490.000 M	48.5	+0.0 +0.0 +38.8	+0.0 +9.6 +0.0	+0.0 -35.9 +0.4	+0.0 +1.1	+0.0	62.5	76.5 X_802.11a_5745M Hz	-14.0	Horiz
^	11490.000 M	40.3	+0.0 +0.0 +38.8	+0.0 +9.6 +0.0	+0.0 -35.9 +0.4	+0.0 +1.1	+0.0	54.3	76.5 Y_802.11a_5745M Hz	-22.2	Horiz
121	15538.583 M Ave	26.5	+0.0 +0.0 +38.0	+0.0 +11.7 +0.0	+0.0 -34.6 +0.5	+0.0 +1.4	+0.0	43.5	76.5 X_802.11a_5180M Hz	-33.0	Vert
^	15538.583 M	38.0	+0.0 +0.0 +38.0	+0.0 +11.7 +0.0	+0.0 -34.6 +0.5	+0.0 +1.4	+0.0	55.0	76.5 X_802.11a_5180M Hz	-21.5	Vert
123	10399.167 M Ave	31.4	+0.0 +0.0 +38.0	+0.0 +8.8 +0.0	+0.0 -36.2 +0.3	+0.0 +1.0	+0.0	43.3	76.5 Z_802.11a_5200M Hz	-33.2	Vert
^	10399.167 M	43.1	+0.0 +0.0 +38.0	+0.0 +8.8 +0.0	+0.0 -36.2 +0.3	+0.0 +1.0	+0.0	55.0	76.5 Z_802.11a_5200M Hz	-21.5	Vert
125	15720.000 M Ave	25.6	+0.0 +0.0 +38.0	+0.0 +11.8 +0.0	+0.0 -34.4 +0.5	+0.0 +1.4	+0.0	42.9	76.5 Y_802.11a_5240M Hz	-33.6	Vert
^	15720.000 M	38.8	+0.0 +0.0 +38.0	+0.0 +11.8 +0.0	+0.0 -34.4 +0.5	+0.0 +1.4	+0.0	56.1	76.5 X_802.11a_5240M Hz	-20.4	Vert
^	15720.000 M	38.4	+0.0 +0.0 +38.0	+0.0 +11.8 +0.0	+0.0 -34.4 +0.5	+0.0 +1.4	+0.0	55.7	76.5 Y_802.11a_5240M Hz	-20.8	Vert
128	6986.667M Ave	36.2	+0.0 +0.0 +35.0	+0.0 +6.7 +0.0	+0.0 -36.4 +0.5	+0.0 +0.8	+0.0	42.8	76.5 Z_802.11a_5240M Hz	-33.7	Vert
^	6986.667M	42.9	+0.0 +0.0 +35.0	+0.0 +6.7 +0.0	+0.0 -36.4 +0.5	+0.0 +0.8	+0.0	49.5	76.5 Z_802.11a_5240M Hz	-27.0	Vert

130	10360.000 M Ave	30.9	+0.0 +0.0 +38.0	+0.0 +8.8 +0.0	+0.0 -36.2 +0.3	+0.0 +1.0	+0.0	42.8	76.5 Y_802.11a_5180MHz	-33.7	Horiz
^	10360.000 M	42.8	+0.0 +0.0 +38.0	+0.0 +8.8 +0.0	+0.0 -36.2 +0.3	+0.0 +1.0	+0.0	54.7	76.5 Y_802.11a_5180MHz	-21.8	Horiz
132	550.000M QP	47.3	+0.0 -27.6 +0.0	+18.4 +0.0 +0.0	+0.4 +0.0 +0.0	+4.3 +0.0	+0.0	42.8	76.5	-33.7	Horiz
133	15600.000 M Ave	25.5	+0.0 +0.0 +38.0	+0.0 +11.8 +0.0	+0.0 -34.6 +0.5	+0.0 +1.4	+0.0	42.6	76.5 X_802.11a_5200MHz	-33.9	Horiz
^	15600.000 M	45.3	+0.0 +0.0 +38.0	+0.0 +11.8 +0.0	+0.0 -34.6 +0.5	+0.0 +1.4	+0.0	62.4	76.5 Z_802.11a_5200MHz	-14.1	Horiz
^	15600.000 M	42.7	+0.0 +0.0 +38.0	+0.0 +11.8 +0.0	+0.0 -34.6 +0.5	+0.0 +1.4	+0.0	59.8	76.5 Y_802.11a_5200MHz	-16.7	Horiz
^	15600.000 M	38.1	+0.0 +0.0 +38.0	+0.0 +11.8 +0.0	+0.0 -34.6 +0.5	+0.0 +1.4	+0.0	55.2	76.5 X_802.11a_5200MHz	-21.3	Horiz
137	15602.500 M Ave	25.5	+0.0 +0.0 +38.0	+0.0 +11.8 +0.0	+0.0 -34.6 +0.5	+0.0 +1.4	+0.0	42.6	76.5 Z_802.11a_5200MHz	-33.9	Vert
^	15602.500 M	37.3	+0.0 +0.0 +38.0	+0.0 +11.8 +0.0	+0.0 -34.6 +0.5	+0.0 +1.4	+0.0	54.4	76.5 Z_802.11a_5200MHz	-22.1	Vert
139	10483.333 M Ave	30.6	+0.0 +0.0 +38.0	+0.0 +8.9 +0.0	+0.0 -36.2 +0.3	+0.0 +1.0	+0.0	42.6	76.5 Y_802.11a_5240MHz	-33.9	Vert
^	10483.333 M	44.7	+0.0 +0.0 +38.0	+0.0 +8.9 +0.0	+0.0 -36.2 +0.3	+0.0 +1.0	+0.0	56.7	76.5 Y_802.11a_5240MHz	-19.8	Vert

141	15719.000 M Ave	25.2	+0.0 +0.0 +38.0	+0.0 +11.8 +0.0	+0.0 -34.4 +0.5	+0.0 +1.4	+0.0	42.5	76.5 Z_802.11a_5240MHz	-34.0	Vert
^	15719.000 M	36.2	+0.0 +0.0 +38.0	+0.0 +11.8 +0.0	+0.0 -34.4 +0.5	+0.0 +1.4	+0.0	53.5	76.5 Z_802.11a_5240MHz	-23.0	Vert
143	550.000M QP	47.0	+0.0 -27.6 +0.0	+18.4 +0.0 +0.0	+0.4 +0.0 +0.0	+4.3 +0.0	+0.0	42.5	76.5	-34.0	Horiz
^	550.000M	49.6	+0.0 -27.6 +0.0	+18.4 +0.0 +0.0	+0.4 +0.0 +0.0	+4.3 +0.0	+0.0	45.1	76.5	-31.4	Horiz
^	550.000M	48.3	+0.0 -27.6 +0.0	+18.4 +0.0 +0.0	+0.4 +0.0 +0.0	+4.3 +0.0	+0.0	43.8	76.5	-32.7	Horiz
^	549.998M	36.4	+0.0 -27.6 +0.0	+18.4 +0.0 +0.0	+0.4 +0.0 +0.0	+4.3 +0.0	+0.0	31.9	76.5	-44.6	Horiz
147	6933.483M Ave	36.1	+0.0 +0.0 +34.9	+0.0 +6.7 +0.0	+0.0 -36.5 +0.5	+0.0 +0.8	+0.0	42.5	76.5 Z_802.11a_5200MHz	-34.0	Vert
^	6933.483M	44.1	+0.0 +0.0 +34.9	+0.0 +6.7 +0.0	+0.0 -36.5 +0.5	+0.0 +0.8	+0.0	50.5	76.5 Z_802.11a_5200MHz	-26.0	Vert
149	10360.000 M Ave	30.5	+0.0 +0.0 +38.0	+0.0 +8.8 +0.0	+0.0 -36.2 +0.3	+0.0 +1.0	+0.0	42.4	76.5 Z_802.11a_5180MHz	-34.1	Vert
150	15538.580 M Ave	25.4	+0.0 +0.0 +38.0	+0.0 +11.7 +0.0	+0.0 -34.6 +0.5	+0.0 +1.4	+0.0	42.4	76.5 X_802.11a_5180MHz	-34.1	Horiz
^	15538.580 M	37.1	+0.0 +0.0 +38.0	+0.0 +11.7 +0.0	+0.0 -34.6 +0.5	+0.0 +1.4	+0.0	54.1	76.5 X_802.11a_5180MHz	-22.4	Horiz
152	10400.000 M Ave	30.4	+0.0 +0.0 +38.0	+0.0 +8.8 +0.0	+0.0 -36.2 +0.3	+0.0 +1.0	+0.0	42.3	76.5 Y_802.11a_5200MHz	-34.2	Vert
^	10400.000 M	46.0	+0.0 +0.0 +38.0	+0.0 +8.8 +0.0	+0.0 -36.2 +0.3	+0.0 +1.0	+0.0	57.9	76.5 X_802.11a_5200MHz	-18.6	Vert
^	10400.000 M	40.5	+0.0 +0.0 +38.0	+0.0 +8.8 +0.0	+0.0 -36.2 +0.3	+0.0 +1.0	+0.0	52.4	76.5 Y_802.11a_5200MHz	-24.1	Vert

155	17235.000 M Ave	30.1	+0.0 +0.0 +41.6	+0.0 +12.5 +0.0	+0.0 -33.7 +0.3	+0.0 +1.5	-10.0	42.3	76.5 Y_802.11a_5745M Hz	-34.2	Horiz
^	17235.000 M	57.0	+0.0 +0.0 +41.6	+0.0 +12.5 +0.0	+0.0 -33.7 +0.3	+0.0 +1.5	-10.0	69.2	76.5 X_802.11a_5745M Hz	-7.3	Horiz
^	17235.000 M	44.8	+0.0 +0.0 +41.6	+0.0 +12.5 +0.0	+0.0 -33.7 +0.3	+0.0 +1.5	-10.0	57.0	76.5 Y_802.11a_5745M Hz	-19.5	Horiz
158	10360.000 M Ave	30.3	+0.0 +0.0 +38.0	+0.0 +8.8 +0.0	+0.0 -36.2 +0.3	+0.0 +1.0	+0.0	42.2	76.5 Y_802.11a_5180M Hz	-34.3	Vert
^	10360.000 M	43.3	+0.0 +0.0 +38.0	+0.0 +8.8 +0.0	+0.0 -36.2 +0.3	+0.0 +1.0	+0.0	55.2	76.5 Z_802.11a_5180M Hz	-21.3	Vert
^	10360.000 M	43.3	+0.0 +0.0 +38.0	+0.0 +8.8 +0.0	+0.0 -36.2 +0.3	+0.0 +1.0	+0.0	55.2	76.5 Y_802.11a_5180M Hz	-21.3	Vert
161	800.000M QP	40.3	+0.0 -27.2 +0.0	+22.5 +0.0 +0.0	+0.4 +0.0 +0.0	+5.3 +0.0	+0.0	41.3	76.5	-35.2	Horiz
162	6933.333M Ave	34.5	+0.0 +0.0 +34.9	+0.0 +6.7 +0.0	+0.0 -36.5 +0.5	+0.0 +0.8	+0.0	40.9	76.5 Y_802.11a_5200M Hz	-35.6	Horiz
^	6933.333M	42.4	+0.0 +0.0 +34.9	+0.0 +6.7 +0.0	+0.0 -36.5 +0.5	+0.0 +0.8	+0.0	48.8	76.5 Y_802.11a_5200M Hz	-27.7	Horiz
164	10400.000 M Ave	28.9	+0.0 +0.0 +38.0	+0.0 +8.8 +0.0	+0.0 -36.2 +0.3	+0.0 +1.0	+0.0	40.8	76.5 X_802.11a_5200M Hz	-35.7	Horiz
^	10400.000 M	48.7	+0.0 +0.0 +38.0	+0.0 +8.8 +0.0	+0.0 -36.2 +0.3	+0.0 +1.0	+0.0	60.6	76.5 Z_802.11a_5200M Hz	-15.9	Horiz
^	10400.000 M	46.5	+0.0 +0.0 +38.0	+0.0 +8.8 +0.0	+0.0 -36.2 +0.3	+0.0 +1.0	+0.0	58.4	76.5 Y_802.11a_5200M Hz	-18.1	Horiz
^	10400.000 M	42.6	+0.0 +0.0 +38.0	+0.0 +8.8 +0.0	+0.0 -36.2 +0.3	+0.0 +1.0	+0.0	54.5	76.5 X_802.11a_5200M Hz	-22.0	Horiz

168	6906.500M Ave	34.0	+0.0 +0.0 +34.9	+0.0 +6.7 +0.0	+0.0 -36.5 +0.5	+0.0 +0.8	+0.0	40.4	76.5 Y_802.11a_5180M Hz	-36.1	Horiz
^	6906.567M	47.6	+0.0 +0.0 +34.9	+0.0 +6.7 +0.0	+0.0 -36.5 +0.5	+0.0 +0.8	+0.0	54.0	76.5 Z_802.11a_5180M Hz	-22.5	Horiz
^	6906.500M	43.5	+0.0 +0.0 +34.9	+0.0 +6.7 +0.0	+0.0 -36.5 +0.5	+0.0 +0.8	+0.0	49.9	76.5 Y_802.11a_5180M Hz	-26.6	Horiz
171	6986.633M Ave	33.8	+0.0 +0.0 +35.0	+0.0 +6.7 +0.0	+0.0 -36.4 +0.5	+0.0 +0.8	+0.0	40.4	76.5 Y_802.11a_5240M Hz	-36.1	Horiz
^	6986.667M	47.0	+0.0 +0.0 +35.0	+0.0 +6.7 +0.0	+0.0 -36.4 +0.5	+0.0 +0.8	+0.0	53.6	76.5 Z_802.11a_5240M Hz	-22.9	Horiz
^	6986.633M	42.6	+0.0 +0.0 +35.0	+0.0 +6.7 +0.0	+0.0 -36.4 +0.5	+0.0 +0.8	+0.0	49.2	76.5 Y_802.11a_5240M Hz	-27.3	Horiz
174	258.970M	44.6	+19.5 -27.7 +0.0	+0.0 +0.0 +0.0	+0.3 +0.0 +0.0	+2.8 +0.0	+0.0	39.5	76.5	-37.0	Horiz
175	256.990M	44.7	+19.3 -27.7 +0.0	+0.0 +0.0 +0.0	+0.3 +0.0 +0.0	+2.8 +0.0	+0.0	39.4	76.5	-37.1	Horiz
176	22973.333 M Ave	40.4	+0.0 +0.0 +0.0	+0.0 +0.0 +39.7	+0.0 -32.4 +0.0	+0.0 +1.7	-10.0	39.4	76.5	-37.1	Vert
^	22973.333 M	54.0	+0.0 +0.0 +0.0	+0.0 +0.0 +39.7	+0.0 -32.4 +0.0	+0.0 +1.7	-10.0	53.0	76.5	-23.5	Vert
178	257.010M	44.6	+19.3 -27.7 +0.0	+0.0 +0.0 +0.0	+0.3 +0.0 +0.0	+2.8 +0.0	+0.0	39.3	76.5	-37.2	Vert
179	259.030M	44.2	+19.5 -27.7 +0.0	+0.0 +0.0 +0.0	+0.3 +0.0 +0.0	+2.8 +0.0	+0.0	39.1	76.5	-37.4	Vert
180	550.000M QP	43.4	+0.0 -27.6 +0.0	+18.4 +0.0 +0.0	+0.4 +0.0 +0.0	+4.3 +0.0	+0.0	38.9	76.5	-37.6	Vert
^	550.000M	45.2	+0.0 -27.6 +0.0	+18.4 +0.0 +0.0	+0.4 +0.0 +0.0	+4.3 +0.0	+0.0	40.7	76.5	-35.8	Vert
^	550.000M	42.0	+0.0 -27.6 +0.0	+18.4 +0.0 +0.0	+0.4 +0.0 +0.0	+4.3 +0.0	+0.0	37.5	76.5	-39.0	Vert
^	550.000M	41.2	+0.0 -27.6 +0.0	+18.4 +0.0 +0.0	+0.4 +0.0 +0.0	+4.3 +0.0	+0.0	36.7	76.5	-39.8	Vert

184	800.000M QP	37.7	+0.0 -27.2 +0.0	+22.5 +0.0 +0.0	+0.4 +0.0 +0.0	+5.3 +0.0	+0.0	38.7	76.5	-37.8	Vert
^	800.000M	40.9	+0.0 -27.2 +0.0	+22.5 +0.0 +0.0	+0.4 +0.0 +0.0	+5.3 +0.0	+0.0	41.9	76.5	-34.6	Vert
^	800.000M	39.9	+0.0 -27.2 +0.0	+22.5 +0.0 +0.0	+0.4 +0.0 +0.0	+5.3 +0.0	+0.0	40.9	76.5	-35.6	Vert
^	800.000M	37.6	+0.0 -27.2 +0.0	+22.5 +0.0 +0.0	+0.4 +0.0 +0.0	+5.3 +0.0	+0.0	38.6	76.5	-37.9	Vert
188	375.001M	45.2	+0.0 -27.8 +0.0	+17.3 +0.0 +0.0	+0.4 +0.0 +0.0	+3.5 +0.0	+0.0	38.6	76.5	-37.9	Vert
189	464.949M	45.0	+0.0 -27.8 +0.0	+16.8 +0.0 +0.0	+0.3 +0.0 +0.0	+3.9 +0.0	+0.0	38.2	76.5	-38.3	Vert
190	251.020M	44.0	+18.6 -27.7 +0.0	+0.0 +0.0 +0.0	+0.3 +0.0 +0.0	+2.8 +0.0	+0.0	38.0	76.5	-38.5	Horiz
191	251.010M	43.9	+18.6 -27.7 +0.0	+0.0 +0.0 +0.0	+0.3 +0.0 +0.0	+2.8 +0.0	+0.0	37.9	76.5	-38.6	Vert
192	849.960M	35.4	+0.0 -27.0 +0.0	+23.2 +0.0 +0.0	+0.7 +0.0 +0.0	+5.5 +0.0	+0.0	37.8	76.5	-38.7	Horiz
193	250.990M	43.6	+18.6 -27.7 +0.0	+0.0 +0.0 +0.0	+0.3 +0.0 +0.0	+2.8 +0.0	+0.0	37.6	76.5	-38.9	Horiz
194	800.010M QP	36.6	+0.0 -27.2 +0.0	+22.5 +0.0 +0.0	+0.4 +0.0 +0.0	+5.3 +0.0	+0.0	37.6	76.5	-38.9	Horiz
^	800.000M	43.3	+0.0 -27.2 +0.0	+22.5 +0.0 +0.0	+0.4 +0.0 +0.0	+5.3 +0.0	+0.0	44.3	76.5	-32.2	Horiz
^	800.000M	41.6	+0.0 -27.2 +0.0	+22.5 +0.0 +0.0	+0.4 +0.0 +0.0	+5.3 +0.0	+0.0	42.6	76.5	-33.9	Horiz
^	800.010M	40.1	+0.0 -27.2 +0.0	+22.5 +0.0 +0.0	+0.4 +0.0 +0.0	+5.3 +0.0	+0.0	41.1	76.5	-35.4	Horiz
198	23226.667 M Ave	38.6	+0.0 +0.0 +0.0	+0.0 +0.0 +39.8	+0.0 -32.5 +0.0	+0.0 +1.7	-10.0	37.6	76.5	-38.9	Vert
^	23226.667 M	51.1	+0.0 +0.0 +0.0	+0.0 +0.0 +39.8	+0.0 -32.5 +0.0	+0.0 +1.7	-10.0	50.1	76.5	-26.4	Vert

200	449.983M	44.1	+0.0 -27.8 +0.0	+16.6 +0.0 +0.0	+0.3 +0.0 +0.0	+3.8 +0.0	+0.0	37.0	76.5	-39.5	Horiz
201	900.000M	33.8	+0.0 -27.2 +0.0	+23.8 +0.0 +0.0	+0.7 +0.0 +0.0	+5.7 +0.0	+0.0	36.8	76.5	-39.7	Vert
202	267.020M	40.9	+20.3 -27.8 +0.0	+0.0 +0.0 +0.0	+0.3 +0.0 +0.0	+2.9 +0.0	+0.0	36.6	76.5	-39.9	Horiz
203	23063.333 M Ave	37.5	+0.0 +0.0 +0.0	+0.0 +0.0 +39.7	+0.0 -32.4 +0.0	+0.0 +1.7	-10.0	36.5	76.5	-40.0	Vert
^	23063.333 M	49.3	+0.0 +0.0 +0.0	+0.0 +0.0 +39.7	+0.0 -32.4 +0.0	+0.0 +1.7	-10.0	48.3	76.5	-28.2	Vert
205	225.020M	43.4	+17.9 -27.9 +0.0	+0.0 +0.0 +0.0	+0.3 +0.0 +0.0	+2.6 +0.0	+0.0	36.3	76.5	-40.2	Vert
206	449.966M	43.2	+0.0 -27.8 +0.0	+16.6 +0.0 +0.0	+0.3 +0.0 +0.0	+3.8 +0.0	+0.0	36.1	76.5	-40.4	Vert
207	399.966M QP	44.0	+0.0 -27.8 +0.0	+15.7 +0.0 +0.0	+0.4 +0.0 +0.0	+3.6 +0.0	+0.0	35.9	76.5	-40.6	Vert
^	399.966M	47.4	+0.0 -27.8 +0.0	+15.7 +0.0 +0.0	+0.4 +0.0 +0.0	+3.6 +0.0	+0.0	39.3	76.5	-37.2	Vert
209	700.000M	34.2	+0.0 -27.3 +0.0	+23.5 +0.0 +0.0	+0.5 +0.0 +0.0	+4.9 +0.0	+0.0	35.8	76.5	-40.7	Vert
210	225.000M	42.8	+17.9 -27.9 +0.0	+0.0 +0.0 +0.0	+0.3 +0.0 +0.0	+2.6 +0.0	+0.0	35.7	76.5	-40.8	Horiz
211	500.000M	41.5	+0.0 -27.8 +0.0	+17.4 +0.0 +0.0	+0.4 +0.0 +0.0	+4.1 +0.0	+0.0	35.6	76.5	-40.9	Vert
212	349.994M	40.5	+0.0 -27.8 +0.0	+18.9 +0.0 +0.0	+0.3 +0.0 +0.0	+3.3 +0.0	+0.0	35.2	76.5	-41.3	Horiz
213	20973.333 M Ave	36.7	+0.0 +0.0 +0.0	+0.0 +0.0 +39.6	+0.0 -32.9 +0.0	+0.0 +1.6	-10.0	35.0	76.5	-41.5	Vert
^	20973.333 M	54.4	+0.0 +0.0 +0.0	+0.0 +0.0 +39.6	+0.0 -32.9 +0.0	+0.0 +1.6	-10.0	52.7	76.5	-23.8	Vert
215	124.510M	44.9	+15.9 -27.9 +0.0	+0.0 +0.0 +0.0	+0.2 +0.0 +0.0	+1.8 +0.0	+0.0	34.9	76.5	-41.6	Horiz
216	700.017M	33.2	+0.0 -27.3 +0.0	+23.5 +0.0 +0.0	+0.5 +0.0 +0.0	+4.9 +0.0	+0.0	34.8	76.5	-41.7	Horiz

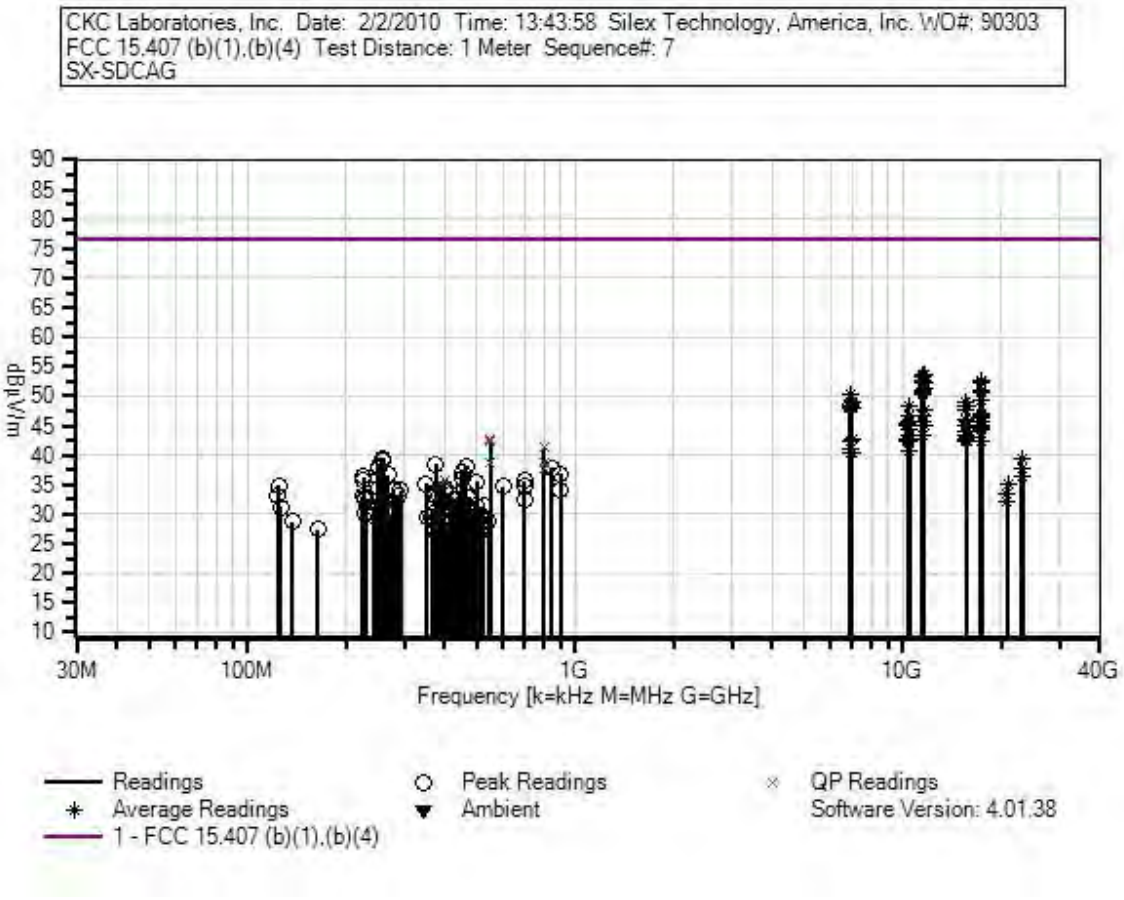
217	599.983M	37.7	+0.0 -27.4 +0.0	+19.4 +0.0 +0.0	+0.5 +0.0 +0.0	+4.5 +0.0	+0.0	34.7	76.5	-41.8	Horiz
218	399.992M	42.4	+0.0 -27.8 +0.0	+15.7 +0.0 +0.0	+0.4 +0.0 +0.0	+3.6 +0.0	+0.0	34.3	76.5	-42.2	Horiz
219	250.980M	40.3	+18.6 -27.7 +0.0	+0.0 +0.0 +0.0	+0.3 +0.0 +0.0	+2.8 +0.0	+0.0	34.3	76.5	-42.2	Vert
220	900.010M	31.2	+0.0 -27.2 +0.0	+23.8 +0.0 +0.0	+0.7 +0.0 +0.0	+5.7 +0.0	+0.0	34.2	76.5	-42.3	Horiz
221	292.520M	35.8	+22.8 -27.8 +0.0	+0.0 +0.0 +0.0	+0.3 +0.0 +0.0	+3.0 +0.0	+0.0	34.1	76.5	-42.4	Horiz
222	279.010M	37.2	+21.5 -27.8 +0.0	+0.0 +0.0 +0.0	+0.3 +0.0 +0.0	+2.9 +0.0	+0.0	34.1	76.5	-42.4	Vert
223	400.007M	42.0	+0.0 -27.8 +0.0	+15.7 +0.0 +0.0	+0.4 +0.0 +0.0	+3.6 +0.0	+0.0	33.9	76.5	-42.6	Horiz
224	375.000M	40.2	+0.0 -27.8 +0.0	+17.3 +0.0 +0.0	+0.4 +0.0 +0.0	+3.5 +0.0	+0.0	33.6	76.5	-42.9	Horiz
225	20800.000 M Ave	35.0	+0.0 +0.0 +0.0	+0.0 +0.0 +39.6	+0.0 -32.9 +0.0	+0.0 +1.6	-10.0	33.3	76.5	-43.2	Vert
^	20800.000 M	45.4	+0.0 +0.0 +0.0	+0.0 +0.0 +39.6	+0.0 -32.9 +0.0	+0.0 +1.6	-10.0	43.7	76.5	-32.8	Vert
227	442.999M	40.5	+0.0 -27.8 +0.0	+16.5 +0.0 +0.0	+0.3 +0.0 +0.0	+3.8 +0.0	+0.0	33.3	76.5	-43.2	Vert
228	415.030M	41.0	+0.0 -27.8 +0.0	+16.0 +0.0 +0.0	+0.4 +0.0 +0.0	+3.7 +0.0	+0.0	33.3	76.5	-43.2	Vert
229	384.033M	40.5	+0.0 -27.8 +0.0	+16.7 +0.0 +0.0	+0.4 +0.0 +0.0	+3.5 +0.0	+0.0	33.3	76.5	-43.2	Horiz
230	224.960M	40.2	+17.9 -27.9 +0.0	+0.0 +0.0 +0.0	+0.3 +0.0 +0.0	+2.6 +0.0	+0.0	33.1	76.5	-43.4	Horiz
231	123.840M	43.2	+15.8 -27.9 +0.0	+0.0 +0.0 +0.0	+0.2 +0.0 +0.0	+1.8 +0.0	+0.0	33.1	76.5	-43.4	Vert
232	374.083M	39.9	+0.0 -27.8 +0.0	+17.3 +0.0 +0.0	+0.3 +0.0 +0.0	+3.4 +0.0	+0.0	33.1	76.5	-43.4	Horiz
233	287.000M	35.4	+22.3 -27.8 +0.0	+0.0 +0.0 +0.0	+0.3 +0.0 +0.0	+2.9 +0.0	+0.0	33.1	76.5	-43.4	Vert

234	475.883M	39.4	+0.0 -27.8 +0.0	+17.0 +0.0 +0.0	+0.4 +0.0 +0.0	+4.0 +0.0	+0.0	33.0	76.5	-43.5	Horiz
235	473.982M	39.5	+0.0 -27.8 +0.0	+17.0 +0.0 +0.0	+0.3 +0.0 +0.0	+3.9 +0.0	+0.0	32.9	76.5	-43.6	Vert
236	229.010M	39.8	+18.0 -27.9 +0.0	+0.0 +0.0 +0.0	+0.3 +0.0 +0.0	+2.6 +0.0	+0.0	32.8	76.5	-43.7	Vert
237	424.075M	40.1	+0.0 -27.8 +0.0	+16.1 +0.0 +0.0	+0.4 +0.0 +0.0	+3.7 +0.0	+0.0	32.5	76.5	-44.0	Horiz
238	229.030M	39.5	+18.0 -27.9 +0.0	+0.0 +0.0 +0.0	+0.3 +0.0 +0.0	+2.6 +0.0	+0.0	32.5	76.5	-44.0	Horiz
239	700.033M	30.8	+0.0 -27.3 +0.0	+23.5 +0.0 +0.0	+0.5 +0.0 +0.0	+4.9 +0.0	+0.0	32.4	76.5	-44.1	Horiz
240	427.049M	39.9	+0.0 -27.8 +0.0	+16.2 +0.0 +0.0	+0.3 +0.0 +0.0	+3.7 +0.0	+0.0	32.3	76.5	-44.2	Vert
241	20720.000 M Ave	33.8	+0.0 +0.0 +0.0	+0.0 +0.0 +39.6	+0.0 -32.8 +0.0	+0.0 +1.6	-10.0	32.2	76.5	-44.3	Vert
^	20720.000 M	48.2	+0.0 +0.0 +0.0	+0.0 +0.0 +39.6	+0.0 -32.8 +0.0	+0.0 +1.6	-10.0	46.6	76.5	-29.9	Vert
243	259.005M	37.0	+19.5 -27.7 +0.0	+0.0 +0.0 +0.0	+0.3 +0.0 +0.0	+2.8 +0.0	+0.0	31.9	76.5	-44.6	Vert
244	456.966M	38.9	+0.0 -27.8 +0.0	+16.7 +0.0 +0.0	+0.3 +0.0 +0.0	+3.8 +0.0	+0.0	31.9	76.5	-44.6	Vert
245	499.997M	37.3	+0.0 -27.8 +0.0	+17.4 +0.0 +0.0	+0.4 +0.0 +0.0	+4.1 +0.0	+0.0	31.4	76.5	-45.1	Horiz
246	524.942M	36.6	+0.0 -27.7 +0.0	+17.9 +0.0 +0.0	+0.4 +0.0 +0.0	+4.2 +0.0	+0.0	31.4	76.5	-45.1	Horiz
247	450.008M	38.3	+0.0 -27.8 +0.0	+16.6 +0.0 +0.0	+0.3 +0.0 +0.0	+3.8 +0.0	+0.0	31.2	76.5	-45.3	Horiz
248	464.433M	38.0	+0.0 -27.8 +0.0	+16.8 +0.0 +0.0	+0.3 +0.0 +0.0	+3.9 +0.0	+0.0	31.2	76.5	-45.3	Horiz
249	126.130M	40.9	+16.2 -27.9 +0.0	+0.0 +0.0 +0.0	+0.2 +0.0 +0.0	+1.8 +0.0	+0.0	31.2	76.5	-45.3	Horiz
250	426.200M	38.8	+0.0 -27.8 +0.0	+16.2 +0.0 +0.0	+0.3 +0.0 +0.0	+3.7 +0.0	+0.0	31.2	76.5	-45.3	Vert

251	432.930M	38.6	+0.0 -27.8 +0.0	+16.3 +0.0 +0.0	+0.3 +0.0 +0.0	+3.7 +0.0	+0.0	31.1	76.5	-45.4	Vert
252	240.990M	37.6	+18.3 -27.8 +0.0	+0.0 +0.0 +0.0	+0.3 +0.0 +0.0	+2.7 +0.0	+0.0	31.1	76.5	-45.4	Vert
253	251.010M	37.1	+18.6 -27.7 +0.0	+0.0 +0.0 +0.0	+0.3 +0.0 +0.0	+2.8 +0.0	+0.0	31.1	76.5	-45.4	Vert
254	424.100M	38.1	+0.0 -27.8 +0.0	+16.1 +0.0 +0.0	+0.4 +0.0 +0.0	+3.7 +0.0	+0.0	30.5	76.5	-46.0	Vert
255	228.950M	37.3	+18.0 -27.9 +0.0	+0.0 +0.0 +0.0	+0.3 +0.0 +0.0	+2.6 +0.0	+0.0	30.3	76.5	-46.2	Vert
256	367.550M	36.4	+0.0 -27.8 +0.0	+17.8 +0.0 +0.0	+0.3 +0.0 +0.0	+3.4 +0.0	+0.0	30.1	76.5	-46.4	Vert
257	255.020M	35.7	+19.0 -27.7 +0.0	+0.0 +0.0 +0.0	+0.3 +0.0 +0.0	+2.8 +0.0	+0.0	30.1	76.5	-46.4	Vert
258	241.000M	36.5	+18.3 -27.8 +0.0	+0.0 +0.0 +0.0	+0.3 +0.0 +0.0	+2.7 +0.0	+0.0	30.0	76.5	-46.5	Vert
259	269.010M	34.1	+20.5 -27.8 +0.0	+0.0 +0.0 +0.0	+0.3 +0.0 +0.0	+2.9 +0.0	+0.0	30.0	76.5	-46.5	Vert
260	386.442M	37.3	+0.0 -27.8 +0.0	+16.5 +0.0 +0.0	+0.4 +0.0 +0.0	+3.5 +0.0	+0.0	29.9	76.5	-46.6	Horiz
261	510.970M	35.6	+0.0 -27.8 +0.0	+17.6 +0.0 +0.0	+0.4 +0.0 +0.0	+4.1 +0.0	+0.0	29.9	76.5	-46.6	Vert
262	364.900M	35.9	+0.0 -27.8 +0.0	+17.9 +0.0 +0.0	+0.3 +0.0 +0.0	+3.4 +0.0	+0.0	29.7	76.5	-46.8	Vert
263	352.017M	35.0	+0.0 -27.8 +0.0	+18.8 +0.0 +0.0	+0.3 +0.0 +0.0	+3.3 +0.0	+0.0	29.6	76.5	-46.9	Horiz
264	491.970M	35.6	+0.0 -27.8 +0.0	+17.3 +0.0 +0.0	+0.4 +0.0 +0.0	+4.1 +0.0	+0.0	29.6	76.5	-46.9	Vert
265	515.066M	34.9	+0.0 -27.7 +0.0	+17.7 +0.0 +0.0	+0.4 +0.0 +0.0	+4.2 +0.0	+0.0	29.5	76.5	-47.0	Vert
266	380.983M	36.5	+0.0 -27.8 +0.0	+16.9 +0.0 +0.0	+0.4 +0.0 +0.0	+3.5 +0.0	+0.0	29.5	76.5	-47.0	Vert
267	476.275M	35.8	+0.0 -27.8 +0.0	+17.0 +0.0 +0.0	+0.4 +0.0 +0.0	+4.0 +0.0	+0.0	29.4	76.5	-47.1	Horiz

268	523.770M	34.3	+0.0 -27.7 +0.0	+17.9 +0.0 +0.0	+0.4 +0.0 +0.0	+4.2 +0.0	+0.0	29.1	76.5	-47.4	Vert
269	480.130M	35.2	+0.0 -27.8 +0.0	+17.1 +0.0 +0.0	+0.4 +0.0 +0.0	+4.0 +0.0	+0.0	28.9	76.5	-47.6	Vert
270	542.030M	33.5	+0.0 -27.6 +0.0	+18.3 +0.0 +0.0	+0.4 +0.0 +0.0	+4.3 +0.0	+0.0	28.9	76.5	-47.6	Vert
271	437.449M	36.1	+0.0 -27.8 +0.0	+16.4 +0.0 +0.0	+0.3 +0.0 +0.0	+3.8 +0.0	+0.0	28.8	76.5	-47.7	Vert
272	375.418M	35.4	+0.0 -27.8 +0.0	+17.2 +0.0 +0.0	+0.4 +0.0 +0.0	+3.5 +0.0	+0.0	28.7	76.5	-47.8	Horiz
273	137.190M	36.8	+17.6 -27.9 +0.0	+0.0 +0.0 +0.0	+0.3 +0.0 +0.0	+1.9 +0.0	+0.0	28.7	76.5	-47.8	Horiz
274	436.950M	36.0	+0.0 -27.8 +0.0	+16.4 +0.0 +0.0	+0.3 +0.0 +0.0	+3.8 +0.0	+0.0	28.7	76.5	-47.8	Horiz
275	410.999M	36.5	+0.0 -27.8 +0.0	+15.9 +0.0 +0.0	+0.4 +0.0 +0.0	+3.6 +0.0	+0.0	28.6	76.5	-47.9	Vert
276	393.017M	36.3	+0.0 -27.8 +0.0	+16.1 +0.0 +0.0	+0.4 +0.0 +0.0	+3.6 +0.0	+0.0	28.6	76.5	-47.9	Vert
277	467.370M	35.0	+0.0 -27.8 +0.0	+16.9 +0.0 +0.0	+0.3 +0.0 +0.0	+3.9 +0.0	+0.0	28.3	76.5	-48.2	Vert
278	524.283M	33.2	+0.0 -27.7 +0.0	+17.9 +0.0 +0.0	+0.4 +0.0 +0.0	+4.2 +0.0	+0.0	28.0	76.5	-48.5	Horiz
279	369.690M	34.1	+0.0 -27.8 +0.0	+17.6 +0.0 +0.0	+0.3 +0.0 +0.0	+3.4 +0.0	+0.0	27.6	76.5	-48.9	Horiz
280	450.563M	34.6	+0.0 -27.8 +0.0	+16.6 +0.0 +0.0	+0.3 +0.0 +0.0	+3.8 +0.0	+0.0	27.5	76.5	-49.0	Horiz
281	163.090M	34.5	+18.5 -27.9 +0.0	+0.0 +0.0 +0.0	+0.3 +0.0 +0.0	+2.1 +0.0	+0.0	27.5	76.5	-49.0	Horiz
282	462.825M	33.4	+0.0 -27.8 +0.0	+16.8 +0.0 +0.0	+0.3 +0.0 +0.0	+3.9 +0.0	+0.0	26.6	76.5	-49.9	Horiz
283	487.366M	32.8	+0.0 -27.8 +0.0	+17.2 +0.0 +0.0	+0.4 +0.0 +0.0	+4.0 +0.0	+0.0	26.6	76.5	-49.9	Vert

284	379.917M	33.4	+0.0 -27.8 +0.0	+17.0 +0.0 +0.0	+0.4 +0.0 +0.0	+3.5 +0.0	+0.0	26.5	76.5	-50.0	Horiz
285	502.966M	32.2	+0.0 -27.8 +0.0	+17.5 +0.0 +0.0	+0.4 +0.0 +0.0	+4.1 +0.0	+0.0	26.4	76.5	-50.1	Vert
286	420.017M	34.0	+0.0 -27.8 +0.0	+16.1 +0.0 +0.0	+0.4 +0.0 +0.0	+3.7 +0.0	+0.0	26.4	76.5	-50.1	Horiz



Test Location: CKC Laboratories, Inc. • 110. N. Olinda Place. • Brea, CA 92821 • (714) 993-6112

Customer: **Silex Technology, America, Inc.**
Specification: **FCC 15.407 (b)(4)**
Work Order #: **90303** Date: 2/2/2010
Test Type: **Radiated Scan** Time: 13:43:58
Equipment: **Wireless 802.11a/b/g SD Card Radio** Sequence#: 7
Manufacturer: Silex Technology America, Inc. Tested By: E. Wong
Model: SX-SDCAG
S/N: E1

***Test Equipment*:**

Function	S/N	Calibration Date	Cal Due Date	Asset #
Bicon Antenna	220	10/22/2009	10/22/2011	306
Log Antenna	331	10/22/2009	10/22/2011	300
Spectrum Analyzer	US44300438	07/23/2008	07/23/2010	02672
Pre amp to SA Cable	Cable #10	04/16/2009	04/16/2011	P05050
Cable	Cable15	01/05/2009	01/05/2011	P05198
Pre Amp	1937A02548	05/02/2008	05/02/2010	00309
Horn Antenna	6246	06/06/2008	06/06/2010	00849
Microwave Pre-amp	3123A00281	07/28/2008	07/28/2010	00786
Heliax Antenna Cable	P5565	09/04/2008	09/04/2010	P05565
18-26GHz Horn	942126-003	11/12/2008	11/12/2010	01413
Loop Antenna	2014	06/16/2008	06/16/2010	00314
3'-40GHz cable	NA	09/14/2009	09/14/2011	P02946
2'-40GHz cable	NA	09/21/2009	09/21/2011	P2948
5.8 GHz HPF	1	03/25/2008	03/25/2010	02755
AMP 50GHz	3332A00309	11/13/2008	11/13/2010	02115
26.5-40GHz Horn Antenna	1012	11/12/2008	11/12/2010	02045

***Equipment Under Test* (* = EUT):**

Function	Manufacturer	Model #	S/N
Wireless 802.11a/b/g SD Card Radio*	Silex Technology America, Inc.	SX-SDCAG	E1

Support Devices:

Function	Manufacturer	Model #	S/N
Evaluator Board	Silex Technology America, Inc.	SX-560-6900	NA
Power Supply	Condor	HK-CH13-A05	NA
802.11 a/b/g Wireless Access Point	3-Com	WL-526	NA
Laptop	Sony	PCG-982L	8323330
Serial Server	Silex Technology America, Inc.	SX-560	SL004545

Test Conditions / Notes:

The EUT and support evaluation board are placed on the wooden table lined with a Styrofoam surface of 5 cm thickness. The EUT seeking modular approval is extended beyond the perimeter of the evaluation board via an extender card.

The support laptop sends data to the EUT via a support WiFi hub, the EUT receives processes and returns the data to the support computer via a support wireless hub.

Serial port of the support evaluation board is connected to the support laptop via a serial cable and all other ports are left unpopulated.

Freq: 5.15 - 5.25GHz, 5.725 - 5.825GHz

Tx Frequency: 5180MHz, 5200MHz, 5240MHz, 5745MHz, 5765MHz, 5805MHz.
Modulation: 802.11 a (54 mbps)
Ch 36, 40, 48, 149, 153, 161.
Firmware Power setting: 16, 16, 16, 15, 15, 16
Power = 13.3 dBm (0.0214W) ,13.2dBm (0.0209W), 13.3dBm (0.0214), 12.6dBm(0.0182), 12.6dBm (0.0182W), 13.0dBm(0.0200W)

Antenna Manufacturer: Ethertronics
Antenna Gain: 2.5dBi @2.5GHz
Antenna Gain: 3.5dBi @5.0GHz
Transmit via Antenna #1

13°C, 58% Relative Humidity

Emission profile of the EUT and antennas rotated along the three orthogonal axis was investigated.

Frequency range of measurement = 9 kHz- 40 GHz.
Frequency 9 kHz - 150 kHz RBW=200 Hz, VBW=200 Hz; 150 kHz- 30 MHz RBW=9 kHz, VBW=9 kHz; 30 MHz- 1000 MHz RBW=120 kHz, VBW=120 kHz; 1000 MHz- 40000 MHz RBW=1 MHz, VBW=1 MHz.

Transducer Legend:

T2=Log AN00300_102211	T1=Bico AN00306_102211
T4=Cable #15_05198_ Site A, 010511	T3=Cable #10 ANP05050 041611
T6=Heliax Cable 54' ANP05565 090410	T5=Pre_amp_HP8447D-AN00309-050210
T8=Hi Freq_40GHz_2ft-AN02948-092111	T7=HF_pre AMP-1-26GHz_AN00786-072810.TRN
T10=Horn Ant AN01413_111310	T9=Horn Ant AN00849 060610
	T11=HPF_6GHz-AN02755-032510

Ext Attn: 0 dB

Measurement Data: Reading listed by margin. Test Distance: 3 Meters

#	Freq	Rdng	T1	T2	T3	T4	Dist	Corr	Spec	Margin	Polar
			T5	T6	T7	T8					
			T9	T10	T11						
	MHz	dBµV	dB	dB	dB	dB	Table	dBµV/m	dBµV/m	dB	Ant
1	11611.500	39.7	+0.0	+0.0	+0.0	+0.0	+0.0	53.7	71.7	-18.0	Horiz
	M		+0.0	+9.6	-35.9	+1.1					
	Ave		+38.8	+0.0	+0.4				Z_802.11a_5805MHz		

^	11611.500 M	51.9	+0.0 +0.0 +38.8	+0.0 +9.6 +0.0	+0.0 -35.9 +0.4	+0.0 +1.1	+0.0	65.9	71.7 Z_802.11a_5805MHz	-5.8	Horiz
3	11529.417 M Ave	39.5	+0.0 +0.0 +38.8	+0.0 +9.6 +0.0	+0.0 -35.9 +0.4	+0.0 +1.1	+0.0	53.5	71.7 Y_802.11a_5765MHz	-18.2	Vert
4	11491.333 M Ave	39.3	+0.0 +0.0 +38.8	+0.0 +9.6 +0.0	+0.0 -35.9 +0.4	+0.0 +1.1	+0.0	53.3	71.7 Z_802.11a_5745MHz . power 16, 10 dB pad	-18.4	Horiz
^	11491.333 M	52.8	+0.0 +0.0 +38.8	+0.0 +9.6 +0.0	+0.0 -35.9 +0.4	+0.0 +1.1	+0.0	66.8	71.7 Z_802.11a_5745MHz . power 16, 10 dB pad	-4.9	Horiz
6	11490.000 M Ave	38.7	+0.0 +0.0 +38.8	+0.0 +9.6 +0.0	+0.0 -35.9 +0.4	+0.0 +1.1	+0.0	52.7	71.7 Y_802.11a_5745MHz	-19.0	Vert
7	17236.333 M Ave	40.4	+0.0 +0.0 +41.6	+0.0 +12.5 +0.0	+0.0 -33.7 +0.3	+0.0 +1.5	-10.0	52.6	71.7 Z_802.11a_5745MHz , power=16, 10 dB pad, 1 meter	-19.1	Horiz
^	17236.333 M	53.5	+0.0 +0.0 +41.6	+0.0 +12.5 +0.0	+0.0 -33.7 +0.3	+0.0 +1.5	-10.0	65.7	71.7 Z_802.11a_5745MHz , power=16, 10 dB pad, 1 meter	-6.0	Horiz
9	11610.667 M Ave	38.5	+0.0 +0.0 +38.8	+0.0 +9.6 +0.0	+0.0 -35.9 +0.4	+0.0 +1.1	+0.0	52.5	71.7 X_5805MHz	-19.2	Horiz
^	11610.667 M	51.1	+0.0 +0.0 +38.8	+0.0 +9.6 +0.0	+0.0 -35.9 +0.4	+0.0 +1.1	+0.0	65.1	71.7 X_5805MHz	-6.6	Horiz
11	17235.000 M Ave	40.2	+0.0 +0.0 +41.6	+0.0 +12.5 +0.0	+0.0 -33.7 +0.3	+0.0 +1.5	-10.0	52.4	71.7 X_802.11a_5745MHz	-19.3	Horiz
12	11528.333 M Ave	38.3	+0.0 +0.0 +38.8	+0.0 +9.6 +0.0	+0.0 -35.9 +0.4	+0.0 +1.1	+0.0	52.3	71.7 Z_802.11a_5765MHz	-19.4	Horiz
^	11528.333 M	50.7	+0.0 +0.0 +38.8	+0.0 +9.6 +0.0	+0.0 -35.9 +0.4	+0.0 +1.1	+0.0	64.7	71.7 Z_802.11a_5765MHz	-7.0	Horiz

14	17289.000 M Ave	39.7	+0.0 +0.0 +41.8	+0.0 +12.5 +0.0	+0.0 -33.6 +0.3	+0.0 +1.5	-10.0	52.2	71.7	-19.5	Horiz	X_802.11a_5765MHz
^	17289.000 M	54.1	+0.0 +0.0 +41.8	+0.0 +12.5 +0.0	+0.0 -33.6 +0.3	+0.0 +1.5	-10.0	66.6	71.7	-5.1	Horiz	X_802.11a_5765MHz
16	11612.330 M Ave	37.3	+0.0 +0.0 +38.8	+0.0 +9.6 +0.0	+0.0 -35.9 +0.4	+0.0 +1.1	+0.0	51.3	71.7	-20.4	Vert	Y-802.11a_5805MHz
^	11612.330 M	49.4	+0.0 +0.0 +38.8	+0.0 +9.6 +0.0	+0.0 -35.9 +0.4	+0.0 +1.1	+0.0	63.4	71.7	-8.3	Vert	Y-802.11a_5805MHz
18	11606.017 M Ave	37.3	+0.0 +0.0 +38.8	+0.0 +9.6 +0.0	+0.0 -35.9 +0.4	+0.0 +1.1	+0.0	51.3	71.7	-20.4	Vert	X_5805MHz
^	11606.000 M	48.5	+0.0 +0.0 +38.8	+0.0 +9.6 +0.0	+0.0 -35.9 +0.4	+0.0 +1.1	+0.0	62.5	71.7	-9.2	Vert	X_5805MHz
20	17411.333 M Ave	37.9	+0.0 +0.0 +42.4	+0.0 +12.5 +0.0	+0.0 -33.6 +0.4	+0.0 +1.5	-10.0	51.1	71.7	-20.6	Horiz	X_5805MHz
^	17411.333 M	53.4	+0.0 +0.0 +42.4	+0.0 +12.5 +0.0	+0.0 -33.6 +0.4	+0.0 +1.5	-10.0	66.6	71.7	-5.1	Horiz	X_5805MHz
22	11490.000 M Ave	37.0	+0.0 +0.0 +38.8	+0.0 +9.6 +0.0	+0.0 -35.9 +0.4	+0.0 +1.1	+0.0	51.0	71.7	-20.7	Horiz	X_802.11a_5745MHz
23	17283.333 M Ave	38.3	+0.0 +0.0 +41.8	+0.0 +12.5 +0.0	+0.0 -33.6 +0.3	+0.0 +1.5	-10.0	50.8	71.7	-20.9	Horiz	Z_802.11a_5765MHz
^	17283.333 M	52.6	+0.0 +0.0 +41.8	+0.0 +12.5 +0.0	+0.0 -33.6 +0.3	+0.0 +1.5	-10.0	65.1	71.7	-6.6	Horiz	Z_802.11a_5765MHz
25	11525.933 M Ave	36.7	+0.0 +0.0 +38.8	+0.0 +9.6 +0.0	+0.0 -35.9 +0.4	+0.0 +1.1	+0.0	50.7	71.7	-21.0	Vert	X_802.11a_5765MHz
^	11526.000 M	47.2	+0.0 +0.0 +38.8	+0.0 +9.6 +0.0	+0.0 -35.9 +0.4	+0.0 +1.1	+0.0	61.2	71.7	-10.5	Vert	X_802.11a_5765MHz

27	6906.567M Ave	44.1	+0.0 +0.0 +34.9	+0.0 +6.7 +0.0	+0.0 -36.5 +0.5	+0.0 +0.8	+0.0	50.5	71.7 Z_802.11a_5180M Hz	-21.2	Horiz
28	11526.000 M Ave	36.4	+0.0 +0.0 +38.8	+0.0 +9.6 +0.0	+0.0 -35.9 +0.4	+0.0 +1.1	+0.0	50.4	71.7 X_802.11a_5765M Hz	-21.3	Horiz
^	11526.000 M	49.6	+0.0 +0.0 +38.8	+0.0 +9.6 +0.0	+0.0 -35.9 +0.4	+0.0 +1.1	+0.0	63.6	71.7 X_802.11a_5765M Hz	-8.1	Horiz
30	11490.000 M Ave	36.3	+0.0 +0.0 +38.8	+0.0 +9.6 +0.0	+0.0 -35.9 +0.4	+0.0 +1.1	+0.0	50.3	71.7 X_802.11a_5745M Hz	-21.4	Vert
31	17421.667 M Ave	36.1	+0.0 +0.0 +42.4	+0.0 +12.5 +0.0	+0.0 -33.6 +0.4	+0.0 +1.5	-10.0	49.3	71.7 Z_802.11a_5805M Hz	-22.4	Horiz
^	17421.667 M	47.3	+0.0 +0.0 +42.4	+0.0 +12.5 +0.0	+0.0 -33.6 +0.4	+0.0 +1.5	-10.0	60.5	71.7 Z_802.11a_5805M Hz	-11.2	Horiz
33	15600.000 M Ave	31.9	+0.0 +0.0 +38.0	+0.0 +11.8 +0.0	+0.0 -34.6 +0.5	+0.0 +1.4	+0.0	49.0	71.7 Z_802.11a_5200M Hz	-22.7	Horiz
34	6986.667M Ave	42.3	+0.0 +0.0 +35.0	+0.0 +6.7 +0.0	+0.0 -36.4 +0.5	+0.0 +0.8	+0.0	48.9	71.7 Z_802.11a_5240M Hz	-22.8	Horiz
35	15600.000 M Ave	31.7	+0.0 +0.0 +38.0	+0.0 +11.8 +0.0	+0.0 -34.6 +0.5	+0.0 +1.4	+0.0	48.8	71.7 Y_802.11a_5200M Hz	-22.9	Horiz
36	6906.650M Ave	42.1	+0.0 +0.0 +34.9	+0.0 +6.7 +0.0	+0.0 -36.5 +0.5	+0.0 +0.8	+0.0	48.5	71.7 Y_802.11a_5180M Hz	-23.2	Vert
^	6906.650M	46.3	+0.0 +0.0 +34.9	+0.0 +6.7 +0.0	+0.0 -36.5 +0.5	+0.0 +0.8	+0.0	52.7	71.7 Y_802.11a_5180M Hz	-19.0	Vert
38	6906.500M	42.1	+0.0 +0.0 +34.9	+0.0 +6.7 +0.0	+0.0 -36.5 +0.5	+0.0 +0.8	+0.0	48.5	71.7 Z_802.11a_5180M Hz	-23.2	Vert
39	15720.000 M Ave	31.0	+0.0 +0.0 +38.0	+0.0 +11.8 +0.0	+0.0 -34.4 +0.5	+0.0 +1.4	+0.0	48.3	71.7 Z_802.11a_5240M Hz	-23.4	Horiz
40	15600.000 M Ave	31.2	+0.0 +0.0 +38.0	+0.0 +11.8 +0.0	+0.0 -34.6 +0.5	+0.0 +1.4	+0.0	48.3	71.7 Y_802.11a_5200M Hz	-23.4	Vert

41	10400.000 M Ave	36.3	+0.0 +0.0 +38.0	+0.0 +8.8 +0.0	+0.0 -36.2 +0.3	+0.0 +1.0	+0.0	48.2	71.7 Y_802.11a_5200M Hz	-23.5	Horiz
42	6933.497M Ave	41.8	+0.0 +0.0 +34.9	+0.0 +6.7 +0.0	+0.0 -36.5 +0.5	+0.0 +0.8	+0.0	48.2	71.7 Z_802.11a_5200M Hz	-23.5	Horiz
^	6933.497M	47.9	+0.0 +0.0 +34.9	+0.0 +6.7 +0.0	+0.0 -36.5 +0.5	+0.0 +0.8	+0.0	54.3	71.7 Z_802.11a_5200M Hz	-17.4	Horiz
44	6933.050M Ave	41.7	+0.0 +0.0 +34.9	+0.0 +6.7 +0.0	+0.0 -36.5 +0.5	+0.0 +0.8	+0.0	48.1	71.7 Y_802.11a_5200M Hz	-23.6	Vert
^	6933.050M	48.0	+0.0 +0.0 +34.9	+0.0 +6.7 +0.0	+0.0 -36.5 +0.5	+0.0 +0.8	+0.0	54.4	71.7 Y_802.11a_5200M Hz	-17.3	Vert
46	6986.533M Ave	41.4	+0.0 +0.0 +35.0	+0.0 +6.7 +0.0	+0.0 -36.4 +0.5	+0.0 +0.8	+0.0	48.0	71.7 Y_802.11a_5240M Hz	-23.7	Vert
^	6986.533M	46.7	+0.0 +0.0 +35.0	+0.0 +6.7 +0.0	+0.0 -36.4 +0.5	+0.0 +0.8	+0.0	53.3	71.7 Y_802.11a_5240M Hz	-18.4	Vert
48	15542.500 M Ave	30.7	+0.0 +0.0 +38.0	+0.0 +11.7 +0.0	+0.0 -34.6 +0.5	+0.0 +1.4	+0.0	47.7	71.7 Z_802.11a_5180M Hz	-24.0	Horiz
^	15542.500 M	44.5	+0.0 +0.0 +38.0	+0.0 +11.7 +0.0	+0.0 -34.6 +0.5	+0.0 +1.4	+0.0	61.5	71.7 Z_802.11a_5180M Hz	-10.2	Horiz
50	11610.000 M Ave	33.5	+0.0 +0.0 +38.8	+0.0 +9.6 +0.0	+0.0 -35.9 +0.4	+0.0 +1.1	+0.0	47.5	71.7 Z_802.11a_5805M Hz	-24.2	Vert
^	11610.000 M	45.4	+0.0 +0.0 +38.8	+0.0 +9.6 +0.0	+0.0 -35.9 +0.4	+0.0 +1.1	+0.0	59.4	71.7 Z_802.11a_5805M Hz	-12.3	Vert
52	17235.817 M Ave	24.9	+0.0 +0.0 +41.6	+0.0 +12.5 +0.0	+0.0 -33.7 +0.3	+0.0 +1.5	+0.0	47.1	71.7 Z_802.11a_5745M Hz	-24.6	Vert
^	17235.817 M	37.3	+0.0 +0.0 +41.6	+0.0 +12.5 +0.0	+0.0 -33.7 +0.3	+0.0 +1.5	+0.0	59.5	71.7 Z_802.11a_5745M Hz	-12.2	Vert

54	17235.000 M Ave	34.9	+0.0 +0.0 +41.6	+0.0 +12.5 +0.0	+0.0 -33.7 +0.3	+0.0 +1.5	-10.0	47.1	71.7 X_802.11a_5745M Hz	-24.6	Vert
^	17235.000 M	46.6	+0.0 +0.0 +41.6	+0.0 +12.5 +0.0	+0.0 -33.7 +0.3	+0.0 +1.5	-10.0	58.8	71.7 X_802.11a_5745M Hz	-12.9	Vert
56	11490.000 M Ave	32.8	+0.0 +0.0 +38.8	+0.0 +9.6 +0.0	+0.0 -35.9 +0.4	+0.0 +1.1	+0.0	46.8	71.7 Z_802.11a_5745M Hz	-24.9	Vert
^	11490.000 M	51.5	+0.0 +0.0 +38.8	+0.0 +9.6 +0.0	+0.0 -35.9 +0.4	+0.0 +1.1	+0.0	65.5	71.7 Y_802.11a_5745M Hz	-6.2	Vert
^	11490.000 M	48.5	+0.0 +0.0 +38.8	+0.0 +9.6 +0.0	+0.0 -35.9 +0.4	+0.0 +1.1	+0.0	62.5	71.7 X_802.11a_5745M Hz	-9.2	Vert
^	11490.000 M	44.2	+0.0 +0.0 +38.8	+0.0 +9.6 +0.0	+0.0 -35.9 +0.4	+0.0 +1.1	+0.0	58.2	71.7 Z_802.11a_5745M Hz	-13.5	Vert
60	10400.000 M Ave	34.8	+0.0 +0.0 +38.0	+0.0 +8.8 +0.0	+0.0 -36.2 +0.3	+0.0 +1.0	+0.0	46.7	71.7 Z_802.11a_5200M Hz	-25.0	Horiz
61	17289.000 M Ave	34.1	+0.0 +0.0 +41.8	+0.0 +12.5 +0.0	+0.0 -33.6 +0.3	+0.0 +1.5	-10.0	46.6	71.7 X_802.11a_5765M Hz	-25.1	Vert
^	17289.000 M	45.4	+0.0 +0.0 +41.8	+0.0 +12.5 +0.0	+0.0 -33.6 +0.3	+0.0 +1.5	-10.0	57.9	71.7 X_802.11a_5765M Hz	-13.8	Vert
63	17292.217 M Ave	34.0	+0.0 +0.0 +41.9	+0.0 +12.5 +0.0	+0.0 -33.6 +0.3	+0.0 +1.5	-10.0	46.6	71.7 Y_802.11a_5765M Hz	-25.1	Vert
^	17292.217 M	45.5	+0.0 +0.0 +41.9	+0.0 +12.5 +0.0	+0.0 -33.6 +0.3	+0.0 +1.5	-10.0	58.1	71.7 Y_802.11a_5765M Hz	-13.6	Vert

65	11529.333 M Ave	32.6	+0.0 +0.0 +38.8	+0.0 +9.6 +0.0	+0.0 -35.9 +0.4	+0.0 +1.1	+0.0	46.6	71.7 Z_802.11a_5765M Hz	-25.1	Vert
^	11529.417 M	52.4	+0.0 +0.0 +38.8	+0.0 +9.6 +0.0	+0.0 -35.9 +0.4	+0.0 +1.1	+0.0	66.4	71.7 Y_802.11a_5765M Hz	-5.3	Vert
^	11529.333 M	44.5	+0.0 +0.0 +38.8	+0.0 +9.6 +0.0	+0.0 -35.9 +0.4	+0.0 +1.1	+0.0	58.5	71.7 Z_802.11a_5765M Hz	-13.2	Vert
68	17230.500 M Ave	34.3	+0.0 +0.0 +41.6	+0.0 +12.5 +0.0	+0.0 -33.7 +0.3	+0.0 +1.5	-10.0	46.5	71.7 Y_802.11a_5745M Hz	-25.2	Vert
^	17230.500 M	46.2	+0.0 +0.0 +41.6	+0.0 +12.5 +0.0	+0.0 -33.7 +0.3	+0.0 +1.5	-10.0	58.4	71.7 Y_802.11a_5745M Hz	-13.3	Vert
70	17415.000 M Ave	23.0	+0.0 +0.0 +42.4	+0.0 +12.5 +0.0	+0.0 -33.6 +0.4	+0.0 +1.5	+0.0	46.2	71.7 Z_802.11a_5805M Hz	-25.5	Vert
^	17415.000 M	33.7	+0.0 +0.0 +42.4	+0.0 +12.5 +0.0	+0.0 -33.6 +0.4	+0.0 +1.5	+0.0	56.9	71.7 Z_802.11a_5805M Hz	-14.8	Vert
72	15540.000 M Ave	28.9	+0.0 +0.0 +38.0	+0.0 +11.7 +0.0	+0.0 -34.6 +0.5	+0.0 +1.4	+0.0	45.9	71.7 Y_802.11a_5180M Hz	-25.8	Vert
73	11527.800 M Ave	31.9	+0.0 +0.0 +38.8	+0.0 +9.6 +0.0	+0.0 -35.9 +0.4	+0.0 +1.1	+0.0	45.9	71.7 Y_802.11a_5765M Hz	-25.8	Horiz
^	11527.800 M	44.8	+0.0 +0.0 +38.8	+0.0 +9.6 +0.0	+0.0 -35.9 +0.4	+0.0 +1.1	+0.0	58.8	71.7 Y_802.11a_5765M Hz	-12.9	Horiz
75	15720.000 M Ave	28.3	+0.0 +0.0 +38.0	+0.0 +11.8 +0.0	+0.0 -34.4 +0.5	+0.0 +1.4	+0.0	45.6	71.7 Y_802.11a_5240M Hz	-26.1	Horiz
76	17292.800 M Ave	33.0	+0.0 +0.0 +41.9	+0.0 +12.5 +0.0	+0.0 -33.6 +0.3	+0.0 +1.5	-10.0	45.6	71.7 Y_802.11a_5765M Hz	-26.1	Horiz
^	17292.800 M	45.9	+0.0 +0.0 +41.9	+0.0 +12.5 +0.0	+0.0 -33.6 +0.3	+0.0 +1.5	-10.0	58.5	71.7 Y_802.11a_5765M Hz	-13.2	Horiz

78	10480.000 M Ave	33.6	+0.0 +0.0 +38.0	+0.0 +8.9 +0.0	+0.0 -36.2 +0.3	+0.0 +1.0	+0.0	45.6	71.7 Z_802.11a_5240MHz	-26.1	Horiz
79	10359.833 M Ave	33.6	+0.0 +0.0 +38.0	+0.0 +8.8 +0.0	+0.0 -36.2 +0.3	+0.0 +1.0	+0.0	45.5	71.7 Z_802.11a_5180MHz	-26.2	Horiz
^	10359.833 M	48.0	+0.0 +0.0 +38.0	+0.0 +8.8 +0.0	+0.0 -36.2 +0.3	+0.0 +1.0	+0.0	59.9	71.7 Z_802.11a_5180MHz	-11.8	Horiz
81	15600.000 M Ave	28.1	+0.0 +0.0 +38.0	+0.0 +11.8 +0.0	+0.0 -34.6 +0.5	+0.0 +1.4	+0.0	45.2	71.7 X_802.11a_5200MHz	-26.5	Vert
^	15600.000 M	42.2	+0.0 +0.0 +38.0	+0.0 +11.8 +0.0	+0.0 -34.6 +0.5	+0.0 +1.4	+0.0	59.3	71.7 Y_802.11a_5200MHz	-12.4	Vert
^	15600.000 M	40.3	+0.0 +0.0 +38.0	+0.0 +11.8 +0.0	+0.0 -34.6 +0.5	+0.0 +1.4	+0.0	57.4	71.7 X_802.11a_5200MHz	-14.3	Vert
84	10400.000 M Ave	33.3	+0.0 +0.0 +38.0	+0.0 +8.8 +0.0	+0.0 -36.2 +0.3	+0.0 +1.0	+0.0	45.2	71.7 X_802.11a_5200MHz	-26.5	Vert
85	10480.000 M Ave	33.1	+0.0 +0.0 +38.0	+0.0 +8.9 +0.0	+0.0 -36.2 +0.3	+0.0 +1.0	+0.0	45.1	71.7 X_802.11a_5240MHz	-26.6	Horiz
86	10358.500 M Ave	33.2	+0.0 +0.0 +38.0	+0.0 +8.8 +0.0	+0.0 -36.2 +0.3	+0.0 +1.0	+0.0	45.1	71.7 X_802.11a_5180MHz	-26.6	Horiz
^	10358.500 M	47.0	+0.0 +0.0 +38.0	+0.0 +8.8 +0.0	+0.0 -36.2 +0.3	+0.0 +1.0	+0.0	58.9	71.7 X_802.11a_5180MHz	-12.8	Horiz
88	11610.000 M Ave	31.1	+0.0 +0.0 +38.8	+0.0 +9.6 +0.0	+0.0 -35.9 +0.4	+0.0 +1.1	+0.0	45.1	71.7 Y-802.11a_5805MHz	-26.6	Horiz
^	11610.000 M	43.1	+0.0 +0.0 +38.8	+0.0 +9.6 +0.0	+0.0 -35.9 +0.4	+0.0 +1.1	+0.0	57.1	71.7 Y-802.11a_5805MHz	-14.6	Horiz

90	10479.000 M Ave	33.0	+0.0 +0.0 +38.0	+0.0 +8.9 +0.0	+0.0 -36.2 +0.3	+0.0 +1.0	+0.0	45.0	71.7 Z_802.11a_5240MHz	-26.7	Vert
^	10479.000 M	46.8	+0.0 +0.0 +38.0	+0.0 +8.9 +0.0	+0.0 -36.2 +0.3	+0.0 +1.0	+0.0	58.8	71.7 Z_802.11a_5240MHz	-12.9	Vert
92	10358.000 M Ave	33.1	+0.0 +0.0 +38.0	+0.0 +8.8 +0.0	+0.0 -36.2 +0.3	+0.0 +1.0	+0.0	45.0	71.7 X_802.11a_5180MHz	-26.7	Vert
^	10358.000 M	47.4	+0.0 +0.0 +38.0	+0.0 +8.8 +0.0	+0.0 -36.2 +0.3	+0.0 +1.0	+0.0	59.3	71.7 X_802.11a_5180MHz	-12.4	Vert
94	17415.000 M Ave	31.8	+0.0 +0.0 +42.4	+0.0 +12.5 +0.0	+0.0 -33.6 +0.4	+0.0 +1.5	-10.0	45.0	71.7 Y-802.11a_5805MHz	-26.7	Horiz
^	17415.000 M	44.3	+0.0 +0.0 +42.4	+0.0 +12.5 +0.0	+0.0 -33.6 +0.4	+0.0 +1.5	-10.0	57.5	71.7 Y-802.11a_5805MHz	-14.2	Horiz
96	17411.333 M Ave	31.7	+0.0 +0.0 +42.4	+0.0 +12.5 +0.0	+0.0 -33.6 +0.4	+0.0 +1.5	-10.0	44.9	71.7 X_5805MHz	-26.8	Vert
^	17411.333 M	42.1	+0.0 +0.0 +42.4	+0.0 +12.5 +0.0	+0.0 -33.6 +0.4	+0.0 +1.5	-10.0	55.3	71.7 X_5805MHz	-16.4	Vert
98	17416.167 M Ave	31.6	+0.0 +0.0 +42.4	+0.0 +12.5 +0.0	+0.0 -33.6 +0.4	+0.0 +1.5	-10.0	44.8	71.7 Y-802.11a_5805MHz	-26.9	Vert
^	17416.167 M	41.1	+0.0 +0.0 +42.4	+0.0 +12.5 +0.0	+0.0 -33.6 +0.4	+0.0 +1.5	-10.0	54.3	71.7 Y-802.11a_5805MHz	-17.4	Vert
100	17301.000 M Ave	21.9	+0.0 +0.0 +41.9	+0.0 +12.5 +0.0	+0.0 -33.6 +0.3	+0.0 +1.5	+0.0	44.5	71.7 Z_802.11a_5765MHz	-27.2	Vert
^	17301.000 M	32.8	+0.0 +0.0 +41.9	+0.0 +12.5 +0.0	+0.0 -33.6 +0.3	+0.0 +1.5	+0.0	55.4	71.7 Z_802.11a_5765MHz	-16.3	Vert

102	10480.000 M Ave	32.4	+0.0 +0.0 +38.0	+0.0 +8.9 +0.0	+0.0 -36.2 +0.3	+0.0 +1.0	+0.0	44.4	71.7 Y_802.11a_5240M Hz	-27.3	Horiz
^	10480.000 M	46.7	+0.0 +0.0 +38.0	+0.0 +8.9 +0.0	+0.0 -36.2 +0.3	+0.0 +1.0	+0.0	58.7	71.7 Z_802.11a_5240M Hz	-13.0	Horiz
^	10480.000 M	45.9	+0.0 +0.0 +38.0	+0.0 +8.9 +0.0	+0.0 -36.2 +0.3	+0.0 +1.0	+0.0	57.9	71.7 X_802.11a_5240M Hz	-13.8	Horiz
^	10480.000 M	44.8	+0.0 +0.0 +38.0	+0.0 +8.9 +0.0	+0.0 -36.2 +0.3	+0.0 +1.0	+0.0	56.8	71.7 Y_802.11a_5240M Hz	-14.9	Horiz
106	10480.000 M Ave	32.3	+0.0 +0.0 +38.0	+0.0 +8.9 +0.0	+0.0 -36.2 +0.3	+0.0 +1.0	+0.0	44.3	71.7 X_802.11a_5240M Hz	-27.4	Vert
^	10480.000 M	43.4	+0.0 +0.0 +38.0	+0.0 +8.9 +0.0	+0.0 -36.2 +0.3	+0.0 +1.0	+0.0	55.4	71.7 X_802.11a_5240M Hz	-16.3	Vert
108	15720.000 M Ave	26.8	+0.0 +0.0 +38.0	+0.0 +11.8 +0.0	+0.0 -34.4 +0.5	+0.0 +1.4	+0.0	44.1	71.7 X_802.11a_5240M Hz	-27.6	Vert
109	15720.000 M Ave	26.7	+0.0 +0.0 +38.0	+0.0 +11.8 +0.0	+0.0 -34.4 +0.5	+0.0 +1.4	+0.0	44.0	71.7 X_802.11a_5240M Hz	-27.7	Horiz
^	15720.000 M	43.2	+0.0 +0.0 +38.0	+0.0 +11.8 +0.0	+0.0 -34.4 +0.5	+0.0 +1.4	+0.0	60.5	71.7 Z_802.11a_5240M Hz	-11.2	Horiz
^	15720.000 M	40.4	+0.0 +0.0 +38.0	+0.0 +11.8 +0.0	+0.0 -34.4 +0.5	+0.0 +1.4	+0.0	57.7	71.7 Y_802.11a_5240M Hz	-14.0	Horiz
^	15720.000 M	39.5	+0.0 +0.0 +38.0	+0.0 +11.8 +0.0	+0.0 -34.4 +0.5	+0.0 +1.4	+0.0	56.8	71.7 X_802.11a_5240M Hz	-14.9	Horiz
113	15540.000 M Ave	27.0	+0.0 +0.0 +38.0	+0.0 +11.7 +0.0	+0.0 -34.6 +0.5	+0.0 +1.4	+0.0	44.0	71.7 Y_802.11a_5180M Hz	-27.7	Horiz
^	15540.000 M	39.1	+0.0 +0.0 +38.0	+0.0 +11.7 +0.0	+0.0 -34.6 +0.5	+0.0 +1.4	+0.0	56.1	71.7 Y_802.11a_5180M Hz	-15.6	Horiz

115	15540.000 M Ave	27.0	+0.0 +0.0 +38.0	+0.0 +11.7 +0.0	+0.0 -34.6 +0.5	+0.0 +1.4	+0.0	44.0	71.7 Z_802.11a_5180MHz	-27.7	Vert
^	15540.000 M	40.9	+0.0 +0.0 +38.0	+0.0 +11.7 +0.0	+0.0 -34.6 +0.5	+0.0 +1.4	+0.0	57.9	71.7 Y_802.11a_5180MHz	-13.8	Vert
^	15540.000 M	39.5	+0.0 +0.0 +38.0	+0.0 +11.7 +0.0	+0.0 -34.6 +0.5	+0.0 +1.4	+0.0	56.5	71.7 Z_802.11a_5180MHz	-15.2	Vert
118	11490.000 M Ave	29.5	+0.0 +0.0 +38.8	+0.0 +9.6 +0.0	+0.0 -35.9 +0.4	+0.0 +1.1	+0.0	43.5	71.7 Y_802.11a_5745MHz	-28.2	Horiz
^	11490.000 M	48.5	+0.0 +0.0 +38.8	+0.0 +9.6 +0.0	+0.0 -35.9 +0.4	+0.0 +1.1	+0.0	62.5	71.7 X_802.11a_5745MHz	-9.2	Horiz
^	11490.000 M	40.3	+0.0 +0.0 +38.8	+0.0 +9.6 +0.0	+0.0 -35.9 +0.4	+0.0 +1.1	+0.0	54.3	71.7 Y_802.11a_5745MHz	-17.4	Horiz
121	15538.583 M Ave	26.5	+0.0 +0.0 +38.0	+0.0 +11.7 +0.0	+0.0 -34.6 +0.5	+0.0 +1.4	+0.0	43.5	71.7 X_802.11a_5180MHz	-28.2	Vert
^	15538.583 M	38.0	+0.0 +0.0 +38.0	+0.0 +11.7 +0.0	+0.0 -34.6 +0.5	+0.0 +1.4	+0.0	55.0	71.7 X_802.11a_5180MHz	-16.7	Vert
123	10399.167 M Ave	31.4	+0.0 +0.0 +38.0	+0.0 +8.8 +0.0	+0.0 -36.2 +0.3	+0.0 +1.0	+0.0	43.3	71.7 Z_802.11a_5200MHz	-28.4	Vert
^	10399.167 M	43.1	+0.0 +0.0 +38.0	+0.0 +8.8 +0.0	+0.0 -36.2 +0.3	+0.0 +1.0	+0.0	55.0	71.7 Z_802.11a_5200MHz	-16.7	Vert
125	15720.000 M Ave	25.6	+0.0 +0.0 +38.0	+0.0 +11.8 +0.0	+0.0 -34.4 +0.5	+0.0 +1.4	+0.0	42.9	71.7 Y_802.11a_5240MHz	-28.8	Vert
^	15720.000 M	38.8	+0.0 +0.0 +38.0	+0.0 +11.8 +0.0	+0.0 -34.4 +0.5	+0.0 +1.4	+0.0	56.1	71.7 X_802.11a_5240MHz	-15.6	Vert
^	15720.000 M	38.4	+0.0 +0.0 +38.0	+0.0 +11.8 +0.0	+0.0 -34.4 +0.5	+0.0 +1.4	+0.0	55.7	71.7 Y_802.11a_5240MHz	-16.0	Vert

128	6986.667M Ave	36.2	+0.0 +0.0 +35.0	+0.0 +6.7 +0.0	+0.0 -36.4 +0.5	+0.0 +0.8	+0.0	42.8	71.7	-28.9 Z_802.11a_5240M Hz	Vert
^	6986.667M	42.9	+0.0 +0.0 +35.0	+0.0 +6.7 +0.0	+0.0 -36.4 +0.5	+0.0 +0.8	+0.0	49.5	71.7	-22.2 Z_802.11a_5240M Hz	Vert
130	10360.000 M Ave	30.9	+0.0 +0.0 +38.0	+0.0 +8.8 +0.0	+0.0 -36.2 +0.3	+0.0 +1.0	+0.0	42.8	71.7	-28.9 Y_802.11a_5180M Hz	Horiz
^	10360.000 M	42.8	+0.0 +0.0 +38.0	+0.0 +8.8 +0.0	+0.0 -36.2 +0.3	+0.0 +1.0	+0.0	54.7	71.7	-17.0 Y_802.11a_5180M Hz	Horiz
132	550.000M QP	47.3	+0.0 -27.6 +0.0	+18.4 +0.0 +0.0	+0.4 +0.0 +0.0	+4.3 +0.0	+0.0	42.8	71.7	-28.9	Horiz
133	15600.000 M Ave	25.5	+0.0 +0.0 +38.0	+0.0 +11.8 +0.0	+0.0 -34.6 +0.5	+0.0 +1.4	+0.0	42.6	71.7	-29.1 X_802.11a_5200M Hz	Horiz
^	15600.000 M	45.3	+0.0 +0.0 +38.0	+0.0 +11.8 +0.0	+0.0 -34.6 +0.5	+0.0 +1.4	+0.0	62.4	71.7	-9.3 Z_802.11a_5200M Hz	Horiz
^	15600.000 M	42.7	+0.0 +0.0 +38.0	+0.0 +11.8 +0.0	+0.0 -34.6 +0.5	+0.0 +1.4	+0.0	59.8	71.7	-11.9 Y_802.11a_5200M Hz	Horiz
^	15600.000 M	38.1	+0.0 +0.0 +38.0	+0.0 +11.8 +0.0	+0.0 -34.6 +0.5	+0.0 +1.4	+0.0	55.2	71.7	-16.5 X_802.11a_5200M Hz	Horiz
137	15602.500 M Ave	25.5	+0.0 +0.0 +38.0	+0.0 +11.8 +0.0	+0.0 -34.6 +0.5	+0.0 +1.4	+0.0	42.6	71.7	-29.1 Z_802.11a_5200M Hz	Vert
^	15602.500 M	37.3	+0.0 +0.0 +38.0	+0.0 +11.8 +0.0	+0.0 -34.6 +0.5	+0.0 +1.4	+0.0	54.4	71.7	-17.3 Z_802.11a_5200M Hz	Vert
139	10483.333 M Ave	30.6	+0.0 +0.0 +38.0	+0.0 +8.9 +0.0	+0.0 -36.2 +0.3	+0.0 +1.0	+0.0	42.6	71.7	-29.1 Y_802.11a_5240M Hz	Vert
^	10483.333 M	44.7	+0.0 +0.0 +38.0	+0.0 +8.9 +0.0	+0.0 -36.2 +0.3	+0.0 +1.0	+0.0	56.7	71.7	-15.0 Y_802.11a_5240M Hz	Vert

141	15719.000 M Ave	25.2	+0.0 +0.0 +38.0	+0.0 +11.8 +0.0	+0.0 -34.4 +0.5	+0.0 +1.4	+0.0	42.5	71.7 Z_802.11a_5240M Hz	-29.2	Vert
^	15719.000 M	36.2	+0.0 +0.0 +38.0	+0.0 +11.8 +0.0	+0.0 -34.4 +0.5	+0.0 +1.4	+0.0	53.5	71.7 Z_802.11a_5240M Hz	-18.2	Vert
143	550.000M QP	47.0	+0.0 -27.6 +0.0	+18.4 +0.0 +0.0	+0.4 +0.0 +0.0	+4.3 +0.0	+0.0	42.5	71.7	-29.2	Horiz
^	550.000M	49.6	+0.0 -27.6 +0.0	+18.4 +0.0 +0.0	+0.4 +0.0 +0.0	+4.3 +0.0	+0.0	45.1	71.7	-26.6	Horiz
^	550.000M	48.3	+0.0 -27.6 +0.0	+18.4 +0.0 +0.0	+0.4 +0.0 +0.0	+4.3 +0.0	+0.0	43.8	71.7	-27.9	Horiz
^	549.998M	36.4	+0.0 -27.6 +0.0	+18.4 +0.0 +0.0	+0.4 +0.0 +0.0	+4.3 +0.0	+0.0	31.9	71.7	-39.8	Horiz
147	6933.483M Ave	36.1	+0.0 +0.0 +34.9	+0.0 +6.7 +0.0	+0.0 -36.5 +0.5	+0.0 +0.8	+0.0	42.5	71.7 Z_802.11a_5200M Hz	-29.2	Vert
^	6933.483M	44.1	+0.0 +0.0 +34.9	+0.0 +6.7 +0.0	+0.0 -36.5 +0.5	+0.0 +0.8	+0.0	50.5	71.7 Z_802.11a_5200M Hz	-21.2	Vert
149	10360.000 M Ave	30.5	+0.0 +0.0 +38.0	+0.0 +8.8 +0.0	+0.0 -36.2 +0.3	+0.0 +1.0	+0.0	42.4	71.7 Z_802.11a_5180M Hz	-29.3	Vert
150	15538.580 M Ave	25.4	+0.0 +0.0 +38.0	+0.0 +11.7 +0.0	+0.0 -34.6 +0.5	+0.0 +1.4	+0.0	42.4	71.7 X_802.11a_5180M Hz	-29.3	Horiz
^	15538.580 M	37.1	+0.0 +0.0 +38.0	+0.0 +11.7 +0.0	+0.0 -34.6 +0.5	+0.0 +1.4	+0.0	54.1	71.7 X_802.11a_5180M Hz	-17.6	Horiz
152	10400.000 M Ave	30.4	+0.0 +0.0 +38.0	+0.0 +8.8 +0.0	+0.0 -36.2 +0.3	+0.0 +1.0	+0.0	42.3	71.7 Y_802.11a_5200M Hz	-29.4	Vert
^	10400.000 M	46.0	+0.0 +0.0 +38.0	+0.0 +8.8 +0.0	+0.0 -36.2 +0.3	+0.0 +1.0	+0.0	57.9	71.7 X_802.11a_5200M Hz	-13.8	Vert
^	10400.000 M	40.5	+0.0 +0.0 +38.0	+0.0 +8.8 +0.0	+0.0 -36.2 +0.3	+0.0 +1.0	+0.0	52.4	71.7 Y_802.11a_5200M Hz	-19.3	Vert

155	17235.000 M Ave	30.1	+0.0 +0.0 +41.6	+0.0 +12.5 +0.0	+0.0 -33.7 +0.3	+0.0 +1.5	-10.0	42.3	71.7 Y_802.11a_5745M Hz	-29.4	Horiz
^	17235.000 M	57.0	+0.0 +0.0 +41.6	+0.0 +12.5 +0.0	+0.0 -33.7 +0.3	+0.0 +1.5	-10.0	69.2	71.7 X_802.11a_5745M Hz	-2.5	Horiz
^	17235.000 M	44.8	+0.0 +0.0 +41.6	+0.0 +12.5 +0.0	+0.0 -33.7 +0.3	+0.0 +1.5	-10.0	57.0	71.7 Y_802.11a_5745M Hz	-14.7	Horiz
158	10360.000 M Ave	30.3	+0.0 +0.0 +38.0	+0.0 +8.8 +0.0	+0.0 -36.2 +0.3	+0.0 +1.0	+0.0	42.2	71.7 Y_802.11a_5180M Hz	-29.5	Vert
^	10360.000 M	43.3	+0.0 +0.0 +38.0	+0.0 +8.8 +0.0	+0.0 -36.2 +0.3	+0.0 +1.0	+0.0	55.2	71.7 Z_802.11a_5180M Hz	-16.5	Vert
^	10360.000 M	43.3	+0.0 +0.0 +38.0	+0.0 +8.8 +0.0	+0.0 -36.2 +0.3	+0.0 +1.0	+0.0	55.2	71.7 Y_802.11a_5180M Hz	-16.5	Vert
161	800.000M QP	40.3	+0.0 -27.2 +0.0	+22.5 +0.0 +0.0	+0.4 +0.0 +0.0	+5.3 +0.0	+0.0	41.3	71.7	-30.4	Horiz
162	6933.333M Ave	34.5	+0.0 +0.0 +34.9	+0.0 +6.7 +0.0	+0.0 -36.5 +0.5	+0.0 +0.8	+0.0	40.9	71.7 Y_802.11a_5200M Hz	-30.8	Horiz
^	6933.333M	42.4	+0.0 +0.0 +34.9	+0.0 +6.7 +0.0	+0.0 -36.5 +0.5	+0.0 +0.8	+0.0	48.8	71.7 Y_802.11a_5200M Hz	-22.9	Horiz
164	10400.000 M Ave	28.9	+0.0 +0.0 +38.0	+0.0 +8.8 +0.0	+0.0 -36.2 +0.3	+0.0 +1.0	+0.0	40.8	71.7 X_802.11a_5200M Hz	-30.9	Horiz
^	10400.000 M	48.7	+0.0 +0.0 +38.0	+0.0 +8.8 +0.0	+0.0 -36.2 +0.3	+0.0 +1.0	+0.0	60.6	71.7 Z_802.11a_5200M Hz	-11.1	Horiz
^	10400.000 M	46.5	+0.0 +0.0 +38.0	+0.0 +8.8 +0.0	+0.0 -36.2 +0.3	+0.0 +1.0	+0.0	58.4	71.7 Y_802.11a_5200M Hz	-13.3	Horiz
^	10400.000 M	42.6	+0.0 +0.0 +38.0	+0.0 +8.8 +0.0	+0.0 -36.2 +0.3	+0.0 +1.0	+0.0	54.5	71.7 X_802.11a_5200M Hz	-17.2	Horiz

168	6906.500M Ave	34.0	+0.0 +0.0 +34.9	+0.0 +6.7 +0.0	+0.0 -36.5 +0.5	+0.0 +0.8	+0.0	40.4	71.7	-31.3 Y_802.11a_5180M Hz	Horiz
^	6906.567M	47.6	+0.0 +0.0 +34.9	+0.0 +6.7 +0.0	+0.0 -36.5 +0.5	+0.0 +0.8	+0.0	54.0	71.7	-17.7 Z_802.11a_5180M Hz	Horiz
^	6906.500M	43.5	+0.0 +0.0 +34.9	+0.0 +6.7 +0.0	+0.0 -36.5 +0.5	+0.0 +0.8	+0.0	49.9	71.7	-21.8 Y_802.11a_5180M Hz	Horiz
171	6986.633M Ave	33.8	+0.0 +0.0 +35.0	+0.0 +6.7 +0.0	+0.0 -36.4 +0.5	+0.0 +0.8	+0.0	40.4	71.7	-31.3 Y_802.11a_5240M Hz	Horiz
^	6986.667M	47.0	+0.0 +0.0 +35.0	+0.0 +6.7 +0.0	+0.0 -36.4 +0.5	+0.0 +0.8	+0.0	53.6	71.7	-18.1 Z_802.11a_5240M Hz	Horiz
^	6986.633M	42.6	+0.0 +0.0 +35.0	+0.0 +6.7 +0.0	+0.0 -36.4 +0.5	+0.0 +0.8	+0.0	49.2	71.7	-22.5 Y_802.11a_5240M Hz	Horiz
174	258.970M	44.6	+19.5 -27.7 +0.0	+0.0 +0.0 +0.0	+0.3 +0.0 +0.0	+2.8 +0.0	+0.0	39.5	71.7	-32.2	Horiz
175	256.990M	44.7	+19.3 -27.7 +0.0	+0.0 +0.0 +0.0	+0.3 +0.0 +0.0	+2.8 +0.0	+0.0	39.4	71.7	-32.3	Horiz
176	22973.333 M Ave	40.4	+0.0 +0.0 +0.0	+0.0 +0.0 +39.7	+0.0 -32.4 +0.0	+0.0 +1.7	-10.0	39.4	71.7	-32.3	Vert
^	22973.333 M	54.0	+0.0 +0.0 +0.0	+0.0 +0.0 +39.7	+0.0 -32.4 +0.0	+0.0 +1.7	-10.0	53.0	71.7	-18.7	Vert
178	257.010M	44.6	+19.3 -27.7 +0.0	+0.0 +0.0 +0.0	+0.3 +0.0 +0.0	+2.8 +0.0	+0.0	39.3	71.7	-32.4	Vert
179	259.030M	44.2	+19.5 -27.7 +0.0	+0.0 +0.0 +0.0	+0.3 +0.0 +0.0	+2.8 +0.0	+0.0	39.1	71.7	-32.6	Vert
180	550.000M QP	43.4	+0.0 -27.6 +0.0	+18.4 +0.0 +0.0	+0.4 +0.0 +0.0	+4.3 +0.0	+0.0	38.9	71.7	-32.8	Vert
^	550.000M	45.2	+0.0 -27.6 +0.0	+18.4 +0.0 +0.0	+0.4 +0.0 +0.0	+4.3 +0.0	+0.0	40.7	71.7	-31.0	Vert
^	550.000M	42.0	+0.0 -27.6 +0.0	+18.4 +0.0 +0.0	+0.4 +0.0 +0.0	+4.3 +0.0	+0.0	37.5	71.7	-34.2	Vert
^	550.000M	41.2	+0.0 -27.6 +0.0	+18.4 +0.0 +0.0	+0.4 +0.0 +0.0	+4.3 +0.0	+0.0	36.7	71.7	-35.0	Vert

184	800.000M QP	37.7	+0.0 -27.2 +0.0	+22.5 +0.0 +0.0	+0.4 +0.0 +0.0	+5.3 +0.0	+0.0	38.7	71.7	-33.0	Vert
^	800.000M	40.9	+0.0 -27.2 +0.0	+22.5 +0.0 +0.0	+0.4 +0.0 +0.0	+5.3 +0.0	+0.0	41.9	71.7	-29.8	Vert
^	800.000M	39.9	+0.0 -27.2 +0.0	+22.5 +0.0 +0.0	+0.4 +0.0 +0.0	+5.3 +0.0	+0.0	40.9	71.7	-30.8	Vert
^	800.000M	37.6	+0.0 -27.2 +0.0	+22.5 +0.0 +0.0	+0.4 +0.0 +0.0	+5.3 +0.0	+0.0	38.6	71.7	-33.1	Vert
188	375.001M	45.2	+0.0 -27.8 +0.0	+17.3 +0.0 +0.0	+0.4 +0.0 +0.0	+3.5 +0.0	+0.0	38.6	71.7	-33.1	Vert
189	464.949M	45.0	+0.0 -27.8 +0.0	+16.8 +0.0 +0.0	+0.3 +0.0 +0.0	+3.9 +0.0	+0.0	38.2	71.7	-33.5	Vert
190	251.020M	44.0	+18.6 -27.7 +0.0	+0.0 +0.0 +0.0	+0.3 +0.0 +0.0	+2.8 +0.0	+0.0	38.0	71.7	-33.7	Horiz
191	251.010M	43.9	+18.6 -27.7 +0.0	+0.0 +0.0 +0.0	+0.3 +0.0 +0.0	+2.8 +0.0	+0.0	37.9	71.7	-33.8	Vert
192	849.960M	35.4	+0.0 -27.0 +0.0	+23.2 +0.0 +0.0	+0.7 +0.0 +0.0	+5.5 +0.0	+0.0	37.8	71.7	-33.9	Horiz
193	250.990M	43.6	+18.6 -27.7 +0.0	+0.0 +0.0 +0.0	+0.3 +0.0 +0.0	+2.8 +0.0	+0.0	37.6	71.7	-34.1	Horiz
194	800.010M QP	36.6	+0.0 -27.2 +0.0	+22.5 +0.0 +0.0	+0.4 +0.0 +0.0	+5.3 +0.0	+0.0	37.6	71.7	-34.1	Horiz
^	800.000M	43.3	+0.0 -27.2 +0.0	+22.5 +0.0 +0.0	+0.4 +0.0 +0.0	+5.3 +0.0	+0.0	44.3	71.7	-27.4	Horiz
^	800.000M	41.6	+0.0 -27.2 +0.0	+22.5 +0.0 +0.0	+0.4 +0.0 +0.0	+5.3 +0.0	+0.0	42.6	71.7	-29.1	Horiz
^	800.010M	40.1	+0.0 -27.2 +0.0	+22.5 +0.0 +0.0	+0.4 +0.0 +0.0	+5.3 +0.0	+0.0	41.1	71.7	-30.6	Horiz
198	23226.667 M Ave	38.6	+0.0 +0.0 +0.0	+0.0 +0.0 +39.8	+0.0 -32.5 +0.0	+0.0 +1.7	-10.0	37.6	71.7	-34.1	Vert
^	23226.667 M	51.1	+0.0 +0.0 +0.0	+0.0 +0.0 +39.8	+0.0 -32.5 +0.0	+0.0 +1.7	-10.0	50.1	71.7	-21.6	Vert

200	449.983M	44.1	+0.0 -27.8 +0.0	+16.6 +0.0 +0.0	+0.3 +0.0 +0.0	+3.8 +0.0	+0.0	37.0	71.7	-34.7	Horiz
201	900.000M	33.8	+0.0 -27.2 +0.0	+23.8 +0.0 +0.0	+0.7 +0.0 +0.0	+5.7 +0.0	+0.0	36.8	71.7	-34.9	Vert
202	267.020M	40.9	+20.3 -27.8 +0.0	+0.0 +0.0 +0.0	+0.3 +0.0 +0.0	+2.9 +0.0	+0.0	36.6	71.7	-35.1	Horiz
203	23063.333 M Ave	37.5	+0.0 +0.0 +0.0	+0.0 +0.0 +39.7	+0.0 -32.4 +0.0	+0.0 +1.7	-10.0	36.5	71.7	-35.2	Vert
^	23063.333 M	49.3	+0.0 +0.0 +0.0	+0.0 +0.0 +39.7	+0.0 -32.4 +0.0	+0.0 +1.7	-10.0	48.3	71.7	-23.4	Vert
205	225.020M	43.4	+17.9 -27.9 +0.0	+0.0 +0.0 +0.0	+0.3 +0.0 +0.0	+2.6 +0.0	+0.0	36.3	71.7	-35.4	Vert
206	449.966M	43.2	+0.0 -27.8 +0.0	+16.6 +0.0 +0.0	+0.3 +0.0 +0.0	+3.8 +0.0	+0.0	36.1	71.7	-35.6	Vert
207	399.966M QP	44.0	+0.0 -27.8 +0.0	+15.7 +0.0 +0.0	+0.4 +0.0 +0.0	+3.6 +0.0	+0.0	35.9	71.7	-35.8	Vert
^	399.966M	47.4	+0.0 -27.8 +0.0	+15.7 +0.0 +0.0	+0.4 +0.0 +0.0	+3.6 +0.0	+0.0	39.3	71.7	-32.4	Vert
209	700.000M	34.2	+0.0 -27.3 +0.0	+23.5 +0.0 +0.0	+0.5 +0.0 +0.0	+4.9 +0.0	+0.0	35.8	71.7	-35.9	Vert
210	225.000M	42.8	+17.9 -27.9 +0.0	+0.0 +0.0 +0.0	+0.3 +0.0 +0.0	+2.6 +0.0	+0.0	35.7	71.7	-36.0	Horiz
211	500.000M	41.5	+0.0 -27.8 +0.0	+17.4 +0.0 +0.0	+0.4 +0.0 +0.0	+4.1 +0.0	+0.0	35.6	71.7	-36.1	Vert
212	349.994M	40.5	+0.0 -27.8 +0.0	+18.9 +0.0 +0.0	+0.3 +0.0 +0.0	+3.3 +0.0	+0.0	35.2	71.7	-36.5	Horiz
213	20973.333 M Ave	36.7	+0.0 +0.0 +0.0	+0.0 +0.0 +39.6	+0.0 -32.9 +0.0	+0.0 +1.6	-10.0	35.0	71.7	-36.7	Vert
^	20973.333 M	54.4	+0.0 +0.0 +0.0	+0.0 +0.0 +39.6	+0.0 -32.9 +0.0	+0.0 +1.6	-10.0	52.7	71.7	-19.0	Vert
215	124.510M	44.9	+15.9 -27.9 +0.0	+0.0 +0.0 +0.0	+0.2 +0.0 +0.0	+1.8 +0.0	+0.0	34.9	71.7	-36.8	Horiz
216	700.017M	33.2	+0.0 -27.3 +0.0	+23.5 +0.0 +0.0	+0.5 +0.0 +0.0	+4.9 +0.0	+0.0	34.8	71.7	-36.9	Horiz

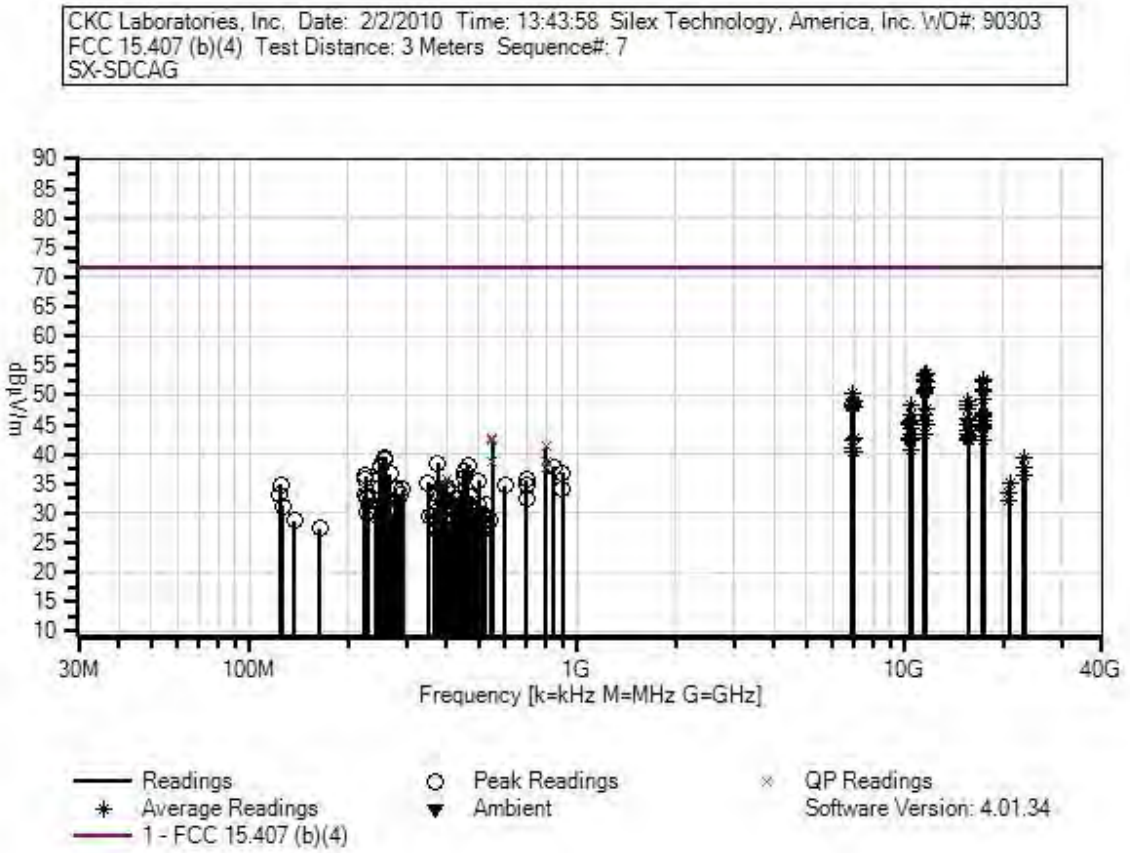
217	599.983M	37.7	+0.0 -27.4 +0.0	+19.4 +0.0 +0.0	+0.5 +0.0 +0.0	+4.5 +0.0	+0.0	34.7	71.7	-37.0	Horiz
218	399.992M	42.4	+0.0 -27.8 +0.0	+15.7 +0.0 +0.0	+0.4 +0.0 +0.0	+3.6 +0.0	+0.0	34.3	71.7	-37.4	Horiz
219	250.980M	40.3	+18.6 -27.7 +0.0	+0.0 +0.0 +0.0	+0.3 +0.0 +0.0	+2.8 +0.0	+0.0	34.3	71.7	-37.4	Vert
220	900.010M	31.2	+0.0 -27.2 +0.0	+23.8 +0.0 +0.0	+0.7 +0.0 +0.0	+5.7 +0.0	+0.0	34.2	71.7	-37.5	Horiz
221	292.520M	35.8	+22.8 -27.8 +0.0	+0.0 +0.0 +0.0	+0.3 +0.0 +0.0	+3.0 +0.0	+0.0	34.1	71.7	-37.6	Horiz
222	279.010M	37.2	+21.5 -27.8 +0.0	+0.0 +0.0 +0.0	+0.3 +0.0 +0.0	+2.9 +0.0	+0.0	34.1	71.7	-37.6	Vert
223	400.007M	42.0	+0.0 -27.8 +0.0	+15.7 +0.0 +0.0	+0.4 +0.0 +0.0	+3.6 +0.0	+0.0	33.9	71.7	-37.8	Horiz
224	375.000M	40.2	+0.0 -27.8 +0.0	+17.3 +0.0 +0.0	+0.4 +0.0 +0.0	+3.5 +0.0	+0.0	33.6	71.7	-38.1	Horiz
225	20800.000 M Ave	35.0	+0.0 +0.0 +0.0	+0.0 +0.0 +39.6	+0.0 -32.9 +0.0	+0.0 +1.6	-10.0	33.3	71.7	-38.4	Vert
^	20800.000 M	45.4	+0.0 +0.0 +0.0	+0.0 +0.0 +39.6	+0.0 -32.9 +0.0	+0.0 +1.6	-10.0	43.7	71.7	-28.0	Vert
227	442.999M	40.5	+0.0 -27.8 +0.0	+16.5 +0.0 +0.0	+0.3 +0.0 +0.0	+3.8 +0.0	+0.0	33.3	71.7	-38.4	Vert
228	415.030M	41.0	+0.0 -27.8 +0.0	+16.0 +0.0 +0.0	+0.4 +0.0 +0.0	+3.7 +0.0	+0.0	33.3	71.7	-38.4	Vert
229	384.033M	40.5	+0.0 -27.8 +0.0	+16.7 +0.0 +0.0	+0.4 +0.0 +0.0	+3.5 +0.0	+0.0	33.3	71.7	-38.4	Horiz
230	224.960M	40.2	+17.9 -27.9 +0.0	+0.0 +0.0 +0.0	+0.3 +0.0 +0.0	+2.6 +0.0	+0.0	33.1	71.7	-38.6	Horiz
231	123.840M	43.2	+15.8 -27.9 +0.0	+0.0 +0.0 +0.0	+0.2 +0.0 +0.0	+1.8 +0.0	+0.0	33.1	71.7	-38.6	Vert
232	374.083M	39.9	+0.0 -27.8 +0.0	+17.3 +0.0 +0.0	+0.3 +0.0 +0.0	+3.4 +0.0	+0.0	33.1	71.7	-38.6	Horiz
233	287.000M	35.4	+22.3 -27.8 +0.0	+0.0 +0.0 +0.0	+0.3 +0.0 +0.0	+2.9 +0.0	+0.0	33.1	71.7	-38.6	Vert

234	475.883M	39.4	+0.0 -27.8 +0.0	+17.0 +0.0 +0.0	+0.4 +0.0 +0.0	+4.0 +0.0	+0.0	33.0	71.7	-38.7	Horiz
235	473.982M	39.5	+0.0 -27.8 +0.0	+17.0 +0.0 +0.0	+0.3 +0.0 +0.0	+3.9 +0.0	+0.0	32.9	71.7	-38.8	Vert
236	229.010M	39.8	+18.0 -27.9 +0.0	+0.0 +0.0 +0.0	+0.3 +0.0 +0.0	+2.6 +0.0	+0.0	32.8	71.7	-38.9	Vert
237	424.075M	40.1	+0.0 -27.8 +0.0	+16.1 +0.0 +0.0	+0.4 +0.0 +0.0	+3.7 +0.0	+0.0	32.5	71.7	-39.2	Horiz
238	229.030M	39.5	+18.0 -27.9 +0.0	+0.0 +0.0 +0.0	+0.3 +0.0 +0.0	+2.6 +0.0	+0.0	32.5	71.7	-39.2	Horiz
239	700.033M	30.8	+0.0 -27.3 +0.0	+23.5 +0.0 +0.0	+0.5 +0.0 +0.0	+4.9 +0.0	+0.0	32.4	71.7	-39.3	Horiz
240	427.049M	39.9	+0.0 -27.8 +0.0	+16.2 +0.0 +0.0	+0.3 +0.0 +0.0	+3.7 +0.0	+0.0	32.3	71.7	-39.4	Vert
241	20720.000 M Ave	33.8	+0.0 +0.0 +0.0	+0.0 +0.0 +39.6	+0.0 -32.8 +0.0	+0.0 +1.6	-10.0	32.2	71.7	-39.5	Vert
^	20720.000 M	48.2	+0.0 +0.0 +0.0	+0.0 +0.0 +39.6	+0.0 -32.8 +0.0	+0.0 +1.6	-10.0	46.6	71.7	-25.1	Vert
243	259.005M	37.0	+19.5 -27.7 +0.0	+0.0 +0.0 +0.0	+0.3 +0.0 +0.0	+2.8 +0.0	+0.0	31.9	71.7	-39.8	Vert
244	456.966M	38.9	+0.0 -27.8 +0.0	+16.7 +0.0 +0.0	+0.3 +0.0 +0.0	+3.8 +0.0	+0.0	31.9	71.7	-39.8	Vert
245	499.997M	37.3	+0.0 -27.8 +0.0	+17.4 +0.0 +0.0	+0.4 +0.0 +0.0	+4.1 +0.0	+0.0	31.4	71.7	-40.3	Horiz
246	524.942M	36.6	+0.0 -27.7 +0.0	+17.9 +0.0 +0.0	+0.4 +0.0 +0.0	+4.2 +0.0	+0.0	31.4	71.7	-40.3	Horiz
247	450.008M	38.3	+0.0 -27.8 +0.0	+16.6 +0.0 +0.0	+0.3 +0.0 +0.0	+3.8 +0.0	+0.0	31.2	71.7	-40.5	Horiz
248	464.433M	38.0	+0.0 -27.8 +0.0	+16.8 +0.0 +0.0	+0.3 +0.0 +0.0	+3.9 +0.0	+0.0	31.2	71.7	-40.5	Horiz
249	126.130M	40.9	+16.2 -27.9 +0.0	+0.0 +0.0 +0.0	+0.2 +0.0 +0.0	+1.8 +0.0	+0.0	31.2	71.7	-40.5	Horiz
250	426.200M	38.8	+0.0 -27.8 +0.0	+16.2 +0.0 +0.0	+0.3 +0.0 +0.0	+3.7 +0.0	+0.0	31.2	71.7	-40.5	Vert

251	432.930M	38.6	+0.0 -27.8 +0.0	+16.3 +0.0 +0.0	+0.3 +0.0 +0.0	+3.7 +0.0	+0.0	31.1	71.7	-40.6	Vert
252	240.990M	37.6	+18.3 -27.8 +0.0	+0.0 +0.0 +0.0	+0.3 +0.0 +0.0	+2.7 +0.0	+0.0	31.1	71.7	-40.6	Vert
253	251.010M	37.1	+18.6 -27.7 +0.0	+0.0 +0.0 +0.0	+0.3 +0.0 +0.0	+2.8 +0.0	+0.0	31.1	71.7	-40.6	Vert
254	424.100M	38.1	+0.0 -27.8 +0.0	+16.1 +0.0 +0.0	+0.4 +0.0 +0.0	+3.7 +0.0	+0.0	30.5	71.7	-41.2	Vert
255	228.950M	37.3	+18.0 -27.9 +0.0	+0.0 +0.0 +0.0	+0.3 +0.0 +0.0	+2.6 +0.0	+0.0	30.3	71.7	-41.4	Vert
256	367.550M	36.4	+0.0 -27.8 +0.0	+17.8 +0.0 +0.0	+0.3 +0.0 +0.0	+3.4 +0.0	+0.0	30.1	71.7	-41.6	Vert
257	255.020M	35.7	+19.0 -27.7 +0.0	+0.0 +0.0 +0.0	+0.3 +0.0 +0.0	+2.8 +0.0	+0.0	30.1	71.7	-41.6	Vert
258	241.000M	36.5	+18.3 -27.8 +0.0	+0.0 +0.0 +0.0	+0.3 +0.0 +0.0	+2.7 +0.0	+0.0	30.0	71.7	-41.7	Vert
259	269.010M	34.1	+20.5 -27.8 +0.0	+0.0 +0.0 +0.0	+0.3 +0.0 +0.0	+2.9 +0.0	+0.0	30.0	71.7	-41.7	Vert
260	386.442M	37.3	+0.0 -27.8 +0.0	+16.5 +0.0 +0.0	+0.4 +0.0 +0.0	+3.5 +0.0	+0.0	29.9	71.7	-41.8	Horiz
261	510.970M	35.6	+0.0 -27.8 +0.0	+17.6 +0.0 +0.0	+0.4 +0.0 +0.0	+4.1 +0.0	+0.0	29.9	71.7	-41.8	Vert
262	364.900M	35.9	+0.0 -27.8 +0.0	+17.9 +0.0 +0.0	+0.3 +0.0 +0.0	+3.4 +0.0	+0.0	29.7	71.7	-42.0	Vert
263	352.017M	35.0	+0.0 -27.8 +0.0	+18.8 +0.0 +0.0	+0.3 +0.0 +0.0	+3.3 +0.0	+0.0	29.6	71.7	-42.1	Horiz
264	491.970M	35.6	+0.0 -27.8 +0.0	+17.3 +0.0 +0.0	+0.4 +0.0 +0.0	+4.1 +0.0	+0.0	29.6	71.7	-42.1	Vert
265	515.066M	34.9	+0.0 -27.7 +0.0	+17.7 +0.0 +0.0	+0.4 +0.0 +0.0	+4.2 +0.0	+0.0	29.5	71.7	-42.2	Vert
266	380.983M	36.5	+0.0 -27.8 +0.0	+16.9 +0.0 +0.0	+0.4 +0.0 +0.0	+3.5 +0.0	+0.0	29.5	71.7	-42.2	Vert
267	476.275M	35.8	+0.0 -27.8 +0.0	+17.0 +0.0 +0.0	+0.4 +0.0 +0.0	+4.0 +0.0	+0.0	29.4	71.7	-42.3	Horiz

268	523.770M	34.3	+0.0 -27.7 +0.0	+17.9 +0.0 +0.0	+0.4 +0.0 +0.0	+4.2 +0.0	+0.0	29.1	71.7	-42.6	Vert
269	480.130M	35.2	+0.0 -27.8 +0.0	+17.1 +0.0 +0.0	+0.4 +0.0 +0.0	+4.0 +0.0	+0.0	28.9	71.7	-42.8	Vert
270	542.030M	33.5	+0.0 -27.6 +0.0	+18.3 +0.0 +0.0	+0.4 +0.0 +0.0	+4.3 +0.0	+0.0	28.9	71.7	-42.8	Vert
271	437.449M	36.1	+0.0 -27.8 +0.0	+16.4 +0.0 +0.0	+0.3 +0.0 +0.0	+3.8 +0.0	+0.0	28.8	71.7	-42.9	Vert
272	375.418M	35.4	+0.0 -27.8 +0.0	+17.2 +0.0 +0.0	+0.4 +0.0 +0.0	+3.5 +0.0	+0.0	28.7	71.7	-43.0	Horiz
273	137.190M	36.8	+17.6 -27.9 +0.0	+0.0 +0.0 +0.0	+0.3 +0.0 +0.0	+1.9 +0.0	+0.0	28.7	71.7	-43.0	Horiz
274	436.950M	36.0	+0.0 -27.8 +0.0	+16.4 +0.0 +0.0	+0.3 +0.0 +0.0	+3.8 +0.0	+0.0	28.7	71.7	-43.0	Horiz
275	410.999M	36.5	+0.0 -27.8 +0.0	+15.9 +0.0 +0.0	+0.4 +0.0 +0.0	+3.6 +0.0	+0.0	28.6	71.7	-43.1	Vert
276	393.017M	36.3	+0.0 -27.8 +0.0	+16.1 +0.0 +0.0	+0.4 +0.0 +0.0	+3.6 +0.0	+0.0	28.6	71.7	-43.1	Vert
277	467.370M	35.0	+0.0 -27.8 +0.0	+16.9 +0.0 +0.0	+0.3 +0.0 +0.0	+3.9 +0.0	+0.0	28.3	71.7	-43.4	Vert
278	524.283M	33.2	+0.0 -27.7 +0.0	+17.9 +0.0 +0.0	+0.4 +0.0 +0.0	+4.2 +0.0	+0.0	28.0	71.7	-43.7	Horiz
279	369.690M	34.1	+0.0 -27.8 +0.0	+17.6 +0.0 +0.0	+0.3 +0.0 +0.0	+3.4 +0.0	+0.0	27.6	71.7	-44.1	Horiz
280	450.563M	34.6	+0.0 -27.8 +0.0	+16.6 +0.0 +0.0	+0.3 +0.0 +0.0	+3.8 +0.0	+0.0	27.5	71.7	-44.2	Horiz
281	163.090M	34.5	+18.5 -27.9 +0.0	+0.0 +0.0 +0.0	+0.3 +0.0 +0.0	+2.1 +0.0	+0.0	27.5	71.7	-44.2	Horiz
282	462.825M	33.4	+0.0 -27.8 +0.0	+16.8 +0.0 +0.0	+0.3 +0.0 +0.0	+3.9 +0.0	+0.0	26.6	71.7	-45.1	Horiz
283	487.366M	32.8	+0.0 -27.8 +0.0	+17.2 +0.0 +0.0	+0.4 +0.0 +0.0	+4.0 +0.0	+0.0	26.6	71.7	-45.1	Vert
284	379.917M	33.4	+0.0 -27.8 +0.0	+17.0 +0.0 +0.0	+0.4 +0.0 +0.0	+3.5 +0.0	+0.0	26.5	71.7	-45.2	Horiz

285	502.966M	32.2	+0.0 -27.8 +0.0	+17.5 +0.0 +0.0	+0.4 +0.0 +0.0	+4.1 +0.0	+0.0	26.4	71.7	-45.3	Vert
286	420.017M	34.0	+0.0 -27.8 +0.0	+16.1 +0.0 +0.0	+0.4 +0.0 +0.0	+3.7 +0.0	+0.0	26.4	71.7	-45.3	Horiz



Test Location: CKC Laboratories, Inc. • 110. N. Olinda Place. • Brea, CA 92821 • (714) 993-6112

Customer: **Silex Technology, America, Inc.**
Specification: **FCC 15.407 (b)(7) / (15.205)**
Work Order #: **90303** Date: 3/1/2010
Test Type: **Radiated Scan** Time: 10:50:45
Equipment: **Wireless 802.11a/b/g SD Card Radio** Sequence#: 53
Manufacturer: Silex Technology America, Inc. Tested By: E. Wong
Model: SX-SDCAG
S/N: ED

***Test Equipment*:**

Function	S/N	Calibration Date	Cal Due Date	Asset #
Bicon Antenna	220	10/22/2009	10/22/2011	306
Log Antenna	331	10/22/2009	10/22/2011	300
Spectrum Analyzer	US44300438	07/23/2008	07/23/2010	02672
Pre amp to SA Cable	Cable #10	04/16/2009	04/16/2011	P05050
Cable	Cable15	01/05/2009	01/05/2011	P05198
Pre Amp	1937A02548	05/02/2008	05/02/2010	00309
Horn Antenna	6246	06/06/2008	06/06/2010	00849
Microwave Pre-amp	3123A00281	07/28/2008	07/28/2010	00786
Heliax Antenna Cable	P5565	09/04/2008	09/04/2010	P05565
18-26GHz Horn	942126-003	11/12/2008	11/12/2010	01413
3.0 GHz HPF	1	03/25/2008	03/25/2010	02744
Loop Antenna	2014	06/16/2008	06/16/2010	00314
3'-40GHz cable	NA	09/14/2009	09/14/2011	P02946
2'-40GHz cable	NA	09/21/2009	09/21/2011	P2948

***Equipment Under Test* (* = EUT):**

Function	Manufacturer	Model #	S/N
Wireless 802.11a/b/g SD Card Radio*	Silex Technology America, Inc.	SX-SDCAG	ED

Support Devices:

Function	Manufacturer	Model #	S/N
Evaluator Board	Silex Technology America, Inc.	SX-560-6900	NA
Power Supply	Condor	HK-CH13-A05	NA
802.11 a/b/g Wireless Access Point	3-Com	WL-526	NA
Laptop	Sony	PCG-982L	8323330
Serial Server	Silex Technology America, Inc.	SX-560	SL004545

Test Conditions / Notes:

The EUT and support evaluation board are placed on the wooden table lined with a Styrofoam surface of 5 cm thickness. The EUT seeking modular approval is extended beyond the perimeter of the evaluation board via an extender card.

The support laptop sends data to the EUT via a support WiFi hub, the EUT receives processes and returns the data to the support computer via a support wireless hub.

Serial port of the support evaluation board is connected to the support laptop via a serial cable and all other ports are left unpopulated.

Freq: 5.15 - 5.25GHz, 5.725 - 5.825GHz

Tx Frequency: 5180MHz, 5200MHz, 5240MHz, 5745MHz, 5765MHz, 5805MHz.
Modulation: 802.11 a (54 mbps)
Ch 36, 40, 48, 149, 153, 161.
Firmware Power setting: 16, 16, 16, 15, 15, 16
Power = 13.3 dBm (0.0214W) ,13.2dBm (0.0209W), 13.3dBm (0.0214), 12.6dBm(0.0182), 12.6dBm (0.0182W), 13.0dBm(0.0200W)

Antenna Manufacturer: Pulse
Antenna Gain: 3.2dBi @2.5GHz
Antenna Gain: 4.2dBi @5.0GHz
Transmit via Antenna #1

17°C, 41% Relative Humidity

Emission profile of the EUT and antennas rotated along the three orthogonal axis was investigated. Maximization of worse case emission measured with Ethertronics antenna installed. The lowest measured fundamental emission = 105dbuV/m, -20dBc = 85dBuV.

Frequency range of measurement = 9 kHz- 25 GHz.
Frequency 9 kHz - 150 kHz RBW=200 Hz, VBW=200 Hz; 150 kHz- 30 MHz RBW=9 kHz, VBW=9 kHz; 30 MHz- 1000 MHz RBW=120 kHz, VBW=120 kHz; 1000 MHz- 26000 MHz RBW=1 MHz, VBW=1 MHz.

Transducer Legend:

T2=HF_pre AMP-1-26GHz_AN00786-072810.TRN	T1=Heliax Cable 54' ANP05565 090410
T4=Horn Ant AN00849 060610	T3=Hi Freq_40GHz_2ft-AN02948-092111
T6=HPF_6GHz-AN02755-032510	T5=HPF_3GHz-AN02744-032510

Ext Attn: 0 dB

Measurement Data: Reading listed by margin. Test Distance: 3 Meters

#	Freq	Rdng	T1	T2	T3	T4	Dist	Corr	Spec	Margin	Polar
			T5	T6							
	MHz	dBµV	dB	dB	dB	dB	Table	dBµV/m	dBµV/m	dB	Ant
1	11611.340	35.7	+9.6	-35.9	+1.1	+38.8	+0.0	49.7	54.0	-4.3	Vert
	M		+0.0	+0.4							
	Ave								X_802.11a		
^	11611.340	48.1	+9.6	-35.9	+1.1	+38.8	+0.0	62.1	54.0	+8.1	Vert
	M		+0.0	+0.4							
									X_802.11a		

3	11615.450 M Ave	34.7	+9.6 +0.0	-35.9 +0.4	+1.1	+38.8	+0.0	48.7	54.0 Z_802.11a	-5.3	Horiz
^	11615.450 M	49.2	+9.6 +0.0	-35.9 +0.4	+1.1	+38.8	+0.0	63.2	54.0 Z_802.11a	+9.2	Horiz
5	11611.340 M Ave	34.6	+9.6 +0.0	-35.9 +0.4	+1.1	+38.8	+0.0	48.6	54.0 Y_802.11a	-5.4	Horiz
6	11608.760 M Ave	34.1	+9.6 +0.0	-35.9 +0.4	+1.1	+38.8	+0.0	48.1	54.0 Y_802.11a	-5.9	Vert
^	11608.760 M	45.7	+9.6 +0.0	-35.9 +0.4	+1.1	+38.8	+0.0	59.7	54.0 Y_802.11a	+5.7	Vert
8	11611.340 M Ave	33.9	+9.6 +0.0	-35.9 +0.4	+1.1	+38.8	+0.0	47.9	54.0 X_802.11a	-6.1	Horiz
^	11611.340 M	47.6	+9.6 +0.0	-35.9 +0.4	+1.1	+38.8	+0.0	61.6	54.0 Y_802.11a	+7.6	Horiz
^	11611.340 M	46.9	+9.6 +0.0	-35.9 +0.4	+1.1	+38.8	+0.0	60.9	54.0 X_802.11a	+6.9	Horiz
11	11610.500 M Ave	33.9	+9.6 +0.0	-35.9 +0.4	+1.1	+38.8	+0.0	47.9	54.0 Z_802.11a	-6.1	Vert
^	11610.500 M	46.9	+9.6 +0.0	-35.9 +0.4	+1.1	+38.8	+0.0	60.9	54.0 Z_802.11a	+6.9	Vert
13	15601.400 M Ave	28.0	+11.8 +0.0	-34.6 +0.5	+1.4	+38.0	+0.0	45.1	54.0 Z_802.11a	-8.9	Vert
14	11530.000 M Ave	30.7	+9.6 +0.0	-35.9 +0.4	+1.1	+38.8	+0.0	44.7	54.0 Y_802.11a	-9.3	Vert
15	15601.400 M Ave	27.4	+11.8 +0.0	-34.6 +0.5	+1.4	+38.0	+0.0	44.5	54.0 Y_802.11a	-9.5	Horiz
16	11530.000 M Ave	30.5	+9.6 +0.0	-35.9 +0.4	+1.1	+38.8	+0.0	44.5	54.0 Z_802.11a	-9.5	Vert
17	11490.500 M Ave	30.3	+9.6 +0.0	-35.9 +0.4	+1.1	+38.8	+0.0	44.3	54.0 Y_802.11a	-9.7	Vert
18	11490.500 M Ave	30.1	+9.6 +0.0	-35.9 +0.4	+1.1	+38.8	+0.0	44.1	54.0 Z_802.11a	-9.9	Horiz
19	11530.000 M Ave	30.0	+9.6 +0.0	-35.9 +0.4	+1.1	+38.8	+0.0	44.0	54.0 Y_802.11a	-10.0	Horiz

20	11490.500 M Ave	30.0	+9.6 +0.0	-35.9 +0.4	+1.1	+38.8	+0.0	44.0	54.0 Y_802.11a	-10.0	Horiz
21	11530.000 M Ave	29.6	+9.6 +0.0	-35.9 +0.4	+1.1	+38.8	+0.0	43.6	54.0 Z_802.11a	-10.4	Horiz
22	15540.293 M Ave	26.4	+11.7 +0.0	-34.6 +0.5	+1.4	+38.0	+0.0	43.4	54.0 Z_802.11a	-10.6	Horiz
23	15601.400 M Ave	26.2	+11.8 +0.0	-34.6 +0.5	+1.4	+38.0	+0.0	43.3	54.0 Z_802.11a	-10.7	Horiz
24	15540.333 M Ave	26.1	+11.7 +0.0	-34.6 +0.5	+1.4	+38.0	+0.0	43.1	54.0 Y_802.11a	-10.9	Vert
25	15540.333 M Ave	25.4	+11.7 +0.0	-34.6 +0.5	+1.4	+38.0	+0.0	42.4	54.0 Y_802.11a	-11.6	Horiz
26	15601.400 M Ave	25.2	+11.8 +0.0	-34.6 +0.5	+1.4	+38.0	+0.0	42.3	54.0 X_802.11a	-11.7	Vert
27	15540.333 M Ave	25.3	+11.7 +0.0	-34.6 +0.5	+1.4	+38.0	+0.0	42.3	54.0 X_802.11a	-11.7	Vert
28	15601.400 M Ave	25.1	+11.8 +0.0	-34.6 +0.5	+1.4	+38.0	+0.0	42.2	54.0 Y_802.11a	-11.8	Vert
^	15601.400 M	40.1	+11.8 +0.0	-34.6 +0.5	+1.4	+38.0	+0.0	57.2	54.0 Z_802.11a	+3.2	Vert
^	15601.400 M	39.0	+11.8 +0.0	-34.6 +0.5	+1.4	+38.0	+0.0	56.1	54.0 Y_802.11a	+2.1	Vert
^	15601.400 M	38.4	+11.8 +0.0	-34.6 +0.5	+1.4	+38.0	+0.0	55.5	54.0 X_802.11a	+1.5	Vert
32	15540.300 M Ave	25.2	+11.7 +0.0	-34.6 +0.5	+1.4	+38.0	+0.0	42.2	54.0 Z_802.11a	-11.8	Vert
^	15540.333 M	40.9	+11.7 +0.0	-34.6 +0.5	+1.4	+38.0	+0.0	57.9	54.0 Y_802.11a	+3.9	Vert
^	15540.300 M	37.8	+11.7 +0.0	-34.6 +0.5	+1.4	+38.0	+0.0	54.8	54.0 Z_802.11a	+0.8	Vert
^	15540.333 M	35.3	+11.7 +0.0	-34.6 +0.5	+1.4	+38.0	+0.0	52.3	54.0 X_802.11a	-1.7	Vert

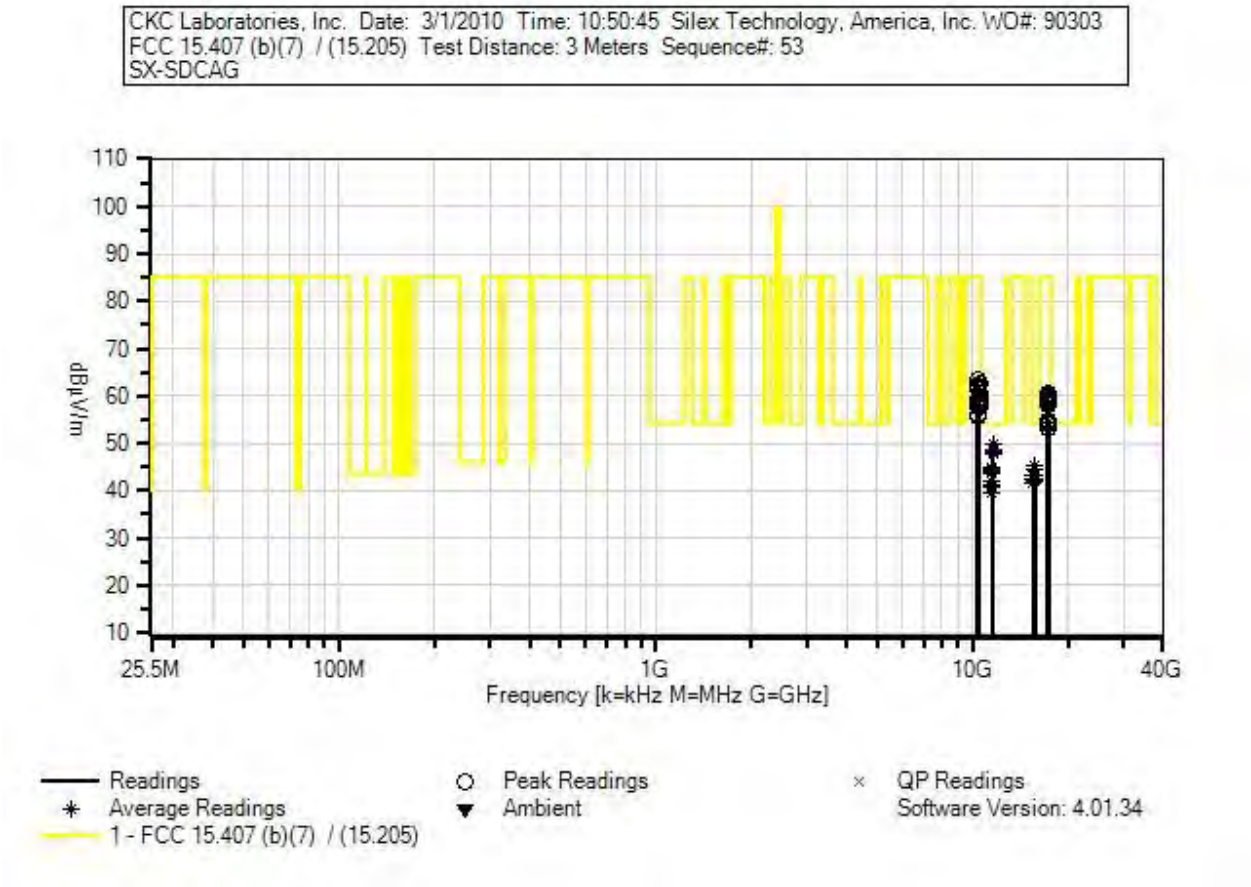
36	15719.333 M Ave	24.8	+11.8 +0.0	-34.4 +0.5	+1.4	+38.0	+0.0	42.1	54.0 X_802.11a	-11.9	Vert
37	11490.500 M Ave	28.1	+9.6 +0.0	-35.9 +0.4	+1.1	+38.8	+0.0	42.1	54.0 X_802.11a	-11.9	Vert
38	15601.400 M Ave	25.0	+11.8 +0.0	-34.6 +0.5	+1.4	+38.0	+0.0	42.1	54.0 X_802.11a	-11.9	Horiz
^	15601.400 M	40.8	+11.8 +0.0	-34.6 +0.5	+1.4	+38.0	+0.0	57.9	54.0 Y_802.11a	+3.9	Horiz
^	15601.400 M	38.4	+11.8 +0.0	-34.6 +0.5	+1.4	+38.0	+0.0	55.5	54.0 Z_802.11a	+1.5	Horiz
^	15601.400 M	37.4	+11.8 +0.0	-34.6 +0.5	+1.4	+38.0	+0.0	54.5	54.0 X_802.11a	+0.5	Horiz
42	15719.333 M Ave	24.7	+11.8 +0.0	-34.4 +0.5	+1.4	+38.0	+0.0	42.0	54.0 X_802.11a	-12.0	Horiz
43	15719.333 M Ave	24.7	+11.8 +0.0	-34.4 +0.5	+1.4	+38.0	+0.0	42.0	54.0 Z_802.11a	-12.0	Horiz
44	15719.333 M Ave	24.7	+11.8 +0.0	-34.4 +0.5	+1.4	+38.0	+0.0	42.0	54.0 Y_802.11a	-12.0	Vert
45	15719.333 M Ave	24.7	+11.8 +0.0	-34.4 +0.5	+1.4	+38.0	+0.0	42.0	54.0 Z_802.11a	-12.0	Vert
^	15719.333 M	38.1	+11.8 +0.0	-34.4 +0.5	+1.4	+38.0	+0.0	55.4	54.0 Y_802.11a	+1.4	Vert
^	15719.333 M	37.5	+11.8 +0.0	-34.4 +0.5	+1.4	+38.0	+0.0	54.8	54.0 X_802.11a	+0.8	Vert
^	15719.333 M	37.4	+11.8 +0.0	-34.4 +0.5	+1.4	+38.0	+0.0	54.7	54.0 Z_802.11a	+0.7	Vert
49	11530.000 M Ave	27.9	+9.6 +0.0	-35.9 +0.4	+1.1	+38.8	+0.0	41.9	54.0 X_802.11a	-12.1	Vert
^	11530.000 M	44.2	+9.6 +0.0	-35.9 +0.4	+1.1	+38.8	+0.0	58.2	54.0 Z_802.11a	+4.2	Vert
^	11530.000 M	43.8	+9.6 +0.0	-35.9 +0.4	+1.1	+38.8	+0.0	57.8	54.0 Y_802.11a	+3.8	Vert
^	11530.000 M	42.0	+9.6 +0.0	-35.9 +0.4	+1.1	+38.8	+0.0	56.0	54.0 X_802.11a	+2.0	Vert

53	15719.333 M Ave	24.6	+11.8 +0.0	-34.4 +0.5	+1.4	+38.0	+0.0	41.9	54.0 Y_802.11a	-12.1	Horiz
^	15719.333 M	39.6	+11.8 +0.0	-34.4 +0.5	+1.4	+38.0	+0.0	56.9	54.0 Z_802.11a	+2.9	Horiz
^	15719.333 M	37.4	+11.8 +0.0	-34.4 +0.5	+1.4	+38.0	+0.0	54.7	54.0 X_802.11a	+0.7	Horiz
^	15719.333 M	36.8	+11.8 +0.0	-34.4 +0.5	+1.4	+38.0	+0.0	54.1	54.0 Y_802.11a	+0.1	Horiz
57	15540.333 M Ave	24.7	+11.7 +0.0	-34.6 +0.5	+1.4	+38.0	+0.0	41.7	54.0 X_802.11a	-12.3	Horiz
^	15540.333 M	39.4	+11.7 +0.0	-34.6 +0.5	+1.4	+38.0	+0.0	56.4	54.0 Y_802.11a	+2.4	Horiz
^	15540.300 M	38.8	+11.7 +0.0	-34.6 +0.5	+1.4	+38.0	+0.0	55.8	54.0 Z_802.11a	+1.8	Horiz
^	15540.367 M	36.9	+11.7 +0.0	-34.6 +0.5	+1.4	+38.0	+0.0	53.9	54.0 X_802.11a	-0.1	Horiz
61	11490.500 M Ave	27.0	+9.6 +0.0	-35.9 +0.4	+1.1	+38.8	+0.0	41.0	54.0 X_802.11a	-13.0	Horiz
^	11490.500 M	46.5	+9.6 +0.0	-35.9 +0.4	+1.1	+38.8	+0.0	60.5	54.0 Z_802.11a	+6.5	Horiz
^	11490.500 M	44.9	+9.6 +0.0	-35.9 +0.4	+1.1	+38.8	+0.0	58.9	54.0 Y_802.11a	+4.9	Horiz
^	11490.500 M	39.4	+9.6 +0.0	-35.9 +0.4	+1.1	+38.8	+0.0	53.4	54.0 X_802.11a	-0.6	Horiz
65	11490.500 M Ave	26.7	+9.6 +0.0	-35.9 +0.4	+1.1	+38.8	+0.0	40.7	54.0 Z_802.11a	-13.3	Vert
^	11490.500 M	45.9	+9.6 +0.0	-35.9 +0.4	+1.1	+38.8	+0.0	59.9	54.0 Y_802.11a	+5.9	Vert
^	11490.500 M	44.0	+9.6 +0.0	-35.9 +0.4	+1.1	+38.8	+0.0	58.0	54.0 X_802.11a	+4.0	Vert
^	11490.500 M	42.3	+9.6 +0.0	-35.9 +0.4	+1.1	+38.8	+0.0	56.3	54.0 Z_802.11a	+2.3	Vert

69	11530.000 M Ave	25.4	+9.6 +0.0	-35.9 +0.4	+1.1	+38.8	+0.0	39.4	54.0 X_802.11a	-14.6	Horiz
^	11530.000 M	43.3	+9.6 +0.0	-35.9 +0.4	+1.1	+38.8	+0.0	57.3	54.0 Z_802.11a	+3.3	Horiz
^	11530.000 M	41.7	+9.6 +0.0	-35.9 +0.4	+1.1	+38.8	+0.0	55.7	54.0 Y_802.11a	+1.7	Horiz
^	11530.000 M	38.5	+9.6 +0.0	-35.9 +0.4	+1.1	+38.8	+0.0	52.5	54.0 X_802.11a	-1.5	Horiz
73	10360.133 M	51.6	+8.8 +0.0	-36.2 +0.3	+1.0	+38.0	+0.0	63.5	85.0 Z_802.11a	-21.5	Horiz
74	10479.667 M	50.5	+8.9 +0.0	-36.2 +0.3	+1.0	+38.0	+0.0	62.5	85.0 X_802.11a	-22.5	Horiz
75	10400.600 M	50.1	+8.8 +0.0	-36.2 +0.3	+1.0	+38.0	+0.0	62.0	85.0 X_802.11a	-23.0	Horiz
76	10360.200 M	49.9	+8.8 +0.0	-36.2 +0.3	+1.0	+38.0	+0.0	61.8	85.0 X_802.11a	-23.2	Horiz
77	10360.330 M	49.7	+8.8 +0.4	-36.2 +0.0	+1.0	+38.0	+0.0	61.7	85.0 X_802.11a	-23.3	Vert
78	10400.930 M	49.6	+8.8 +0.0	-36.2 +0.3	+1.0	+38.0	+0.0	61.5	85.0 Z_802.11a	-23.5	Horiz
79	17295.000 M	38.1	+12.5 +0.0	-33.6 +0.3	+1.5	+41.9	+0.0	60.7	85.0 X_802.11a	-24.3	Vert
80	17235.750 M	38.4	+12.5 +0.0	-33.7 +0.3	+1.5	+41.6	+0.0	60.6	85.0 X_802.11a	-24.4	Vert
81	10479.667 M	48.5	+8.9 +0.0	-36.2 +0.3	+1.0	+38.0	+0.0	60.5	85.0 X_802.11a	-24.5	Vert
82	17295.000 M	37.8	+12.5 +0.0	-33.6 +0.3	+1.5	+41.9	+0.0	60.4	85.0 Y_802.11a	-24.6	Vert
83	17294.920 M	37.4	+12.5 +0.0	-33.6 +0.3	+1.5	+41.9	+0.0	60.0	85.0 Z_802.11a	-25.0	Vert
84	17295.000 M	37.3	+12.5 +0.0	-33.6 +0.3	+1.5	+41.9	+0.0	59.9	85.0 X_802.11a	-25.1	Horiz
85	10479.667 M	47.7	+8.9 +0.0	-36.2 +0.3	+1.0	+38.0	+0.0	59.7	85.0 Z_802.11a	-25.3	Vert

86	17295.000 M	36.9	+12.5 +0.0	-33.6 +0.3	+1.5	+41.9	+0.0	59.5	85.0 Z_802.11a	-25.5	Horiz
87	17235.750 M	37.0	+12.5 +0.0	-33.7 +0.3	+1.5	+41.6	+0.0	59.2	85.0 Z_802.11a	-25.8	Vert
88	10360.500 M	47.3	+8.8 +0.0	-36.2 +0.3	+1.0	+38.0	+0.0	59.2	85.0 Y_802.11a	-25.8	Horiz
89	10479.667 M	47.2	+8.9 +0.0	-36.2 +0.3	+1.0	+38.0	+0.0	59.2	85.0 Y_802.11a	-25.8	Vert
90	10400.933 M	47.2	+8.8 +0.0	-36.2 +0.3	+1.0	+38.0	+0.0	59.1	85.0 X_802.11a	-25.9	Vert
91	17235.750 M	36.7	+12.5 +0.0	-33.7 +0.3	+1.5	+41.6	+0.0	58.9	85.0 Z_802.11a	-26.1	Horiz
92	10360.133 M	46.8	+8.8 +0.0	-36.2 +0.3	+1.0	+38.0	+0.0	58.7	85.0 Z_802.11a	-26.3	Vert
93	17295.000 M	35.9	+12.5 +0.0	-33.6 +0.3	+1.5	+41.9	+0.0	58.5	85.0 Y_802.11a	-26.5	Horiz
94	17235.750 M	36.1	+12.5 +0.0	-33.7 +0.3	+1.5	+41.6	+0.0	58.3	85.0 Y_802.11a	-26.7	Horiz
95	17235.750 M	36.1	+12.5 +0.0	-33.7 +0.3	+1.5	+41.6	+0.0	58.3	85.0 Y_802.11a	-26.7	Vert
96	17235.750 M	35.9	+12.5 +0.0	-33.7 +0.3	+1.5	+41.6	+0.0	58.1	85.0 X_802.11a	-26.9	Horiz
97	10479.667 M	45.9	+8.9 +0.0	-36.2 +0.3	+1.0	+38.0	+0.0	57.9	85.0 Y_802.11a	-27.1	Horiz
98	10400.933 M	45.9	+8.8 +0.0	-36.2 +0.3	+1.0	+38.0	+0.0	57.8	85.0 Y_802.11a	-27.2	Horiz
99	10479.667 M	45.6	+8.9 +0.0	-36.2 +0.3	+1.0	+38.0	+0.0	57.6	85.0 Z_802.11a	-27.4	Horiz
100	10400.930 M	44.1	+8.8 +0.0	-36.2 +0.3	+1.0	+38.0	+0.0	56.0	85.0 Z_802.11a	-29.0	Vert
101	10360.167 M	43.6	+8.8 +0.0	-36.2 +0.3	+1.0	+38.0	+0.0	55.5	85.0 Y_802.11a	-29.5	Vert
102	10400.933 M	43.6	+8.8 +0.0	-36.2 +0.3	+1.0	+38.0	+0.0	55.5	85.0 Y_802.11a	-29.5	Vert

103	17416.140 M	31.7	+12.5 +0.0	-33.6 +0.4	+1.5	+42.4	+0.0	54.9	85.0 Y_802.11a	-30.1	Horiz
104	17413.600 M	31.1	+12.5 +0.0	-33.6 +0.4	+1.5	+42.4	+0.0	54.3	85.0 Z_802.11a	-30.7	Vert
105	17416.140 M	31.0	+12.5 +0.0	-33.6 +0.4	+1.5	+42.4	+0.0	54.2	85.0 X_802.11a	-30.8	Horiz
106	17416.140 M	30.9	+12.5 +0.0	-33.6 +0.4	+1.5	+42.4	+0.0	54.1	85.0 X_802.11a	-30.9	Vert
107	17413.560 M	30.9	+12.5 +0.0	-33.6 +0.4	+1.5	+42.4	+0.0	54.1	85.0 Y_802.11a	-30.9	Vert
108	17420.250 M	29.9	+12.5 +0.0	-33.6 +0.4	+1.5	+42.4	+0.0	53.1	85.0 Z_802.11a	-31.9	Horiz



Test Location: CKC Laboratories, Inc. • 110. N. Olinda Place. • Brea, CA 92821 • (714) 993-6112

Customer: **Silex Technology, America, Inc.**
Specification: **FCC 15.407 (b)(1)**
Work Order #: **90303** Date: 3/1/2010
Test Type: **Radiated Scan** Time: 10:50:45
Equipment: **Wireless 802.11a/b/g SD Card Radio** Sequence#: 53
Manufacturer: Silex Technology America, Inc. Tested By: E. Wong
Model: SX-SDCAG
S/N: ED

***Test Equipment*:**

Function	S/N	Calibration Date	Cal Due Date	Asset #
Bicon Antenna	220	10/22/2009	10/22/2011	306
Log Antenna	331	10/22/2009	10/22/2011	300
Spectrum Analyzer	US44300438	07/23/2008	07/23/2010	02672
Pre amp to SA Cable	Cable #10	04/16/2009	04/16/2011	P05050
Cable	Cable15	01/05/2009	01/05/2011	P05198
Pre Amp	1937A02548	05/02/2008	05/02/2010	00309
Horn Antenna	6246	06/06/2008	06/06/2010	00849
Microwave Pre-amp	3123A00281	07/28/2008	07/28/2010	00786
Heliax Antenna Cable	P5565	09/04/2008	09/04/2010	P05565
18-26GHz Horn	942126-003	11/12/2008	11/12/2010	01413
3.0 GHz HPF	1	03/25/2008	03/25/2010	02744
Loop Antenna	2014	06/16/2008	06/16/2010	00314
3'-40GHz cable	NA	09/14/2009	09/14/2011	P02946
2'-40GHz cable	NA	09/21/2009	09/21/2011	P2948

***Equipment Under Test* (* = EUT):**

Function	Manufacturer	Model #	S/N
Wireless 802.11a/b/g SD Card Radio*	Silex Technology America, Inc.	SX-SDCAG	ED

Support Devices:

Function	Manufacturer	Model #	S/N
Evaluator Board	Silex Technology America, Inc.	SX-560-6900	NA
Power Supply	Condor	HK-CH13-A05	NA
802.11 a/b/g Wireless Access Point	3-Com	WL-526	NA
Laptop	Sony	PCG-982L	8323330
Serial Server	Silex Technology America, Inc.	SX-560	SL004545

Test Conditions / Notes:

The EUT and support evaluation board are placed on the wooden table lined with a Styrofoam surface of 5 cm thickness. The EUT seeking modular approval is extended beyond the perimeter of the evaluation board via an extender card.

The support laptop sends data to the EUT via a support WiFi hub, the EUT receives processes and returns the data to the support computer via a support wireless hub.

Serial port of the support evaluation board is connected to the support laptop via a serial cable and all other ports are left unpopulated.

Freq: 5.15 - 5.25GHz, 5.725 - 5.825GHz

Tx Frequency: 5180MHz, 5200MHz, 5240MHz, 5745MHz, 5765MHz, 5805MHz.
Modulation: 802.11 a (54 mbps)
Ch 36, 40, 48, 149, 153, 161.
Firmware Power setting: 16, 16, 16, 15, 15, 16
Power = 13.3 dBm (0.0214W) ,13.2dBm (0.0209W), 13.3dBm (0.0214), 12.6dBm(0.0182), 12.6dBm (0.0182W), 13.0dBm(0.0200W)

Antenna Manufacturer : Pulse
Antenna Gain: 3.2dBi @2.5GHz
Antenna Gain: 4.2dBi @5.0GHz
Transmit via Antenna #1

17°C, 41% Relative Humidity

Emission profile of the EUT and antennas rotated along the three orthogonal axis was investigated. Maximization of worse case emission measured with Ethertronics antenna installed.

Frequency range of measurement = 9 kHz- 25 GHz.
Frequency 9 kHz - 150 kHz RBW=200 Hz, VBW=200 Hz; 150 kHz- 30 MHz RBW=9 kHz, VBW=9 kHz; 30 MHz- 1000 MHz RBW=120 kHz, VBW=120 kHz; 1000 MHz- 26000 MHz RBW=1 MHz, VBW=1 MHz.

Transducer Legend:

T2=HF_pre AMP-1-26GHz_AN00786-072810.TRN	T1=Heliax Cable 54' ANP05565 090410
T4=Horn Ant AN00849 060610	T3=Hi Freq_40GHz_2ft-AN02948-092111
T6=HPF_6GHz-AN02755-032510	T5=HPF_3GHz-AN02744-032510

Ext Attn: 0 dB

Measurement Data: Reading listed by margin. Test Distance: 3 Meters

#	Freq	Rdng	T1 T5	T2 T6	T3	T4	Dist	Corr	Spec	Margin	Polar
	MHz	dBµV	dB	dB	dB	dB	Table	dBµV/m	dBµV/m	dB	Ant
1	10360.133 M	51.6	+8.8 +0.0	-36.2 +0.3	+1.0	+38.0	+0.0	63.5	72.3 Z_802.11a	-8.8	Horiz
2	10479.667 M	50.5	+8.9 +0.0	-36.2 +0.3	+1.0	+38.0	+0.0	62.5	72.3 X_802.11a	-9.8	Horiz
3	10400.600 M	50.1	+8.8 +0.0	-36.2 +0.3	+1.0	+38.0	+0.0	62.0	72.3 X_802.11a	-10.3	Horiz

4	10360.200 M	49.9	+8.8 +0.0	-36.2 +0.3	+1.0	+38.0	+0.0	61.8	72.3 X_802.11a	-10.5	Horiz
5	10360.330 M	49.7	+8.8 +0.4	-36.2 +0.0	+1.0	+38.0	+0.0	61.7	72.3 X_802.11a	-10.6	Vert
6	10400.930 M	49.6	+8.8 +0.0	-36.2 +0.3	+1.0	+38.0	+0.0	61.5	72.3 Z_802.11a	-10.8	Horiz
7	17295.000 M	38.1	+12.5 +0.0	-33.6 +0.3	+1.5	+41.9	+0.0	60.7	72.3 X_802.11a	-11.6	Vert
8	17235.750 M	38.4	+12.5 +0.0	-33.7 +0.3	+1.5	+41.6	+0.0	60.6	72.3 X_802.11a	-11.7	Vert
9	10479.667 M	48.5	+8.9 +0.0	-36.2 +0.3	+1.0	+38.0	+0.0	60.5	72.3 X_802.11a	-11.8	Vert
10	17295.000 M	37.8	+12.5 +0.0	-33.6 +0.3	+1.5	+41.9	+0.0	60.4	72.3 Y_802.11a	-11.9	Vert
11	17294.920 M	37.4	+12.5 +0.0	-33.6 +0.3	+1.5	+41.9	+0.0	60.0	72.3 Z_802.11a	-12.3	Vert
12	17295.000 M	37.3	+12.5 +0.0	-33.6 +0.3	+1.5	+41.9	+0.0	59.9	72.3 X_802.11a	-12.4	Horiz
13	10479.667 M	47.7	+8.9 +0.0	-36.2 +0.3	+1.0	+38.0	+0.0	59.7	72.3 Z_802.11a	-12.6	Vert
14	17295.000 M	36.9	+12.5 +0.0	-33.6 +0.3	+1.5	+41.9	+0.0	59.5	72.3 Z_802.11a	-12.8	Horiz
15	10479.667 M	47.2	+8.9 +0.0	-36.2 +0.3	+1.0	+38.0	+0.0	59.2	72.3 Y_802.11a	-13.1	Vert
16	17235.750 M	37.0	+12.5 +0.0	-33.7 +0.3	+1.5	+41.6	+0.0	59.2	72.3 Z_802.11a	-13.1	Vert
17	10360.500 M	47.3	+8.8 +0.0	-36.2 +0.3	+1.0	+38.0	+0.0	59.2	72.3 Y_802.11a	-13.1	Horiz
18	10400.933 M	47.2	+8.8 +0.0	-36.2 +0.3	+1.0	+38.0	+0.0	59.1	72.3 X_802.11a	-13.2	Vert
19	17235.750 M	36.7	+12.5 +0.0	-33.7 +0.3	+1.5	+41.6	+0.0	58.9	72.3 Z_802.11a	-13.4	Horiz
20	10360.133 M	46.8	+8.8 +0.0	-36.2 +0.3	+1.0	+38.0	+0.0	58.7	72.3 Z_802.11a	-13.6	Vert

21	17295.000 M	35.9	+12.5 +0.0	-33.6 +0.3	+1.5	+41.9	+0.0	58.5	72.3 Y_802.11a	-13.8	Horiz
22	17235.750 M	36.1	+12.5 +0.0	-33.7 +0.3	+1.5	+41.6	+0.0	58.3	72.3 Y_802.11a	-14.0	Vert
23	17235.750 M	36.1	+12.5 +0.0	-33.7 +0.3	+1.5	+41.6	+0.0	58.3	72.3 Y_802.11a	-14.0	Horiz
24	17235.750 M	35.9	+12.5 +0.0	-33.7 +0.3	+1.5	+41.6	+0.0	58.1	72.3 X_802.11a	-14.2	Horiz
25	10479.667 M	45.9	+8.9 +0.0	-36.2 +0.3	+1.0	+38.0	+0.0	57.9	72.3 Y_802.11a	-14.4	Horiz
26	10400.933 M	45.9	+8.8 +0.0	-36.2 +0.3	+1.0	+38.0	+0.0	57.8	72.3 Y_802.11a	-14.5	Horiz
27	10479.667 M	45.6	+8.9 +0.0	-36.2 +0.3	+1.0	+38.0	+0.0	57.6	72.3 Z_802.11a	-14.7	Horiz
28	10400.930 M	44.1	+8.8 +0.0	-36.2 +0.3	+1.0	+38.0	+0.0	56.0	72.3 Z_802.11a	-16.3	Vert
29	10400.933 M	43.6	+8.8 +0.0	-36.2 +0.3	+1.0	+38.0	+0.0	55.5	72.3 Y_802.11a	-16.8	Vert
30	10360.167 M	43.6	+8.8 +0.0	-36.2 +0.3	+1.0	+38.0	+0.0	55.5	72.3 Y_802.11a	-16.8	Vert
31	17416.140 M	31.7	+12.5 +0.0	-33.6 +0.4	+1.5	+42.4	+0.0	54.9	72.3 Y_802.11a	-17.4	Horiz
32	17413.600 M	31.1	+12.5 +0.0	-33.6 +0.4	+1.5	+42.4	+0.0	54.3	72.3 Z_802.11a	-18.0	Vert
33	17416.140 M	31.0	+12.5 +0.0	-33.6 +0.4	+1.5	+42.4	+0.0	54.2	72.3 X_802.11a	-18.1	Horiz
34	17416.140 M	30.9	+12.5 +0.0	-33.6 +0.4	+1.5	+42.4	+0.0	54.1	72.3 X_802.11a	-18.2	Vert
35	17413.560 M	30.9	+12.5 +0.0	-33.6 +0.4	+1.5	+42.4	+0.0	54.1	72.3 Y_802.11a	-18.2	Vert
36	17420.250 M	29.9	+12.5 +0.0	-33.6 +0.4	+1.5	+42.4	+0.0	53.1	72.3 Z_802.11a	-19.2	Horiz

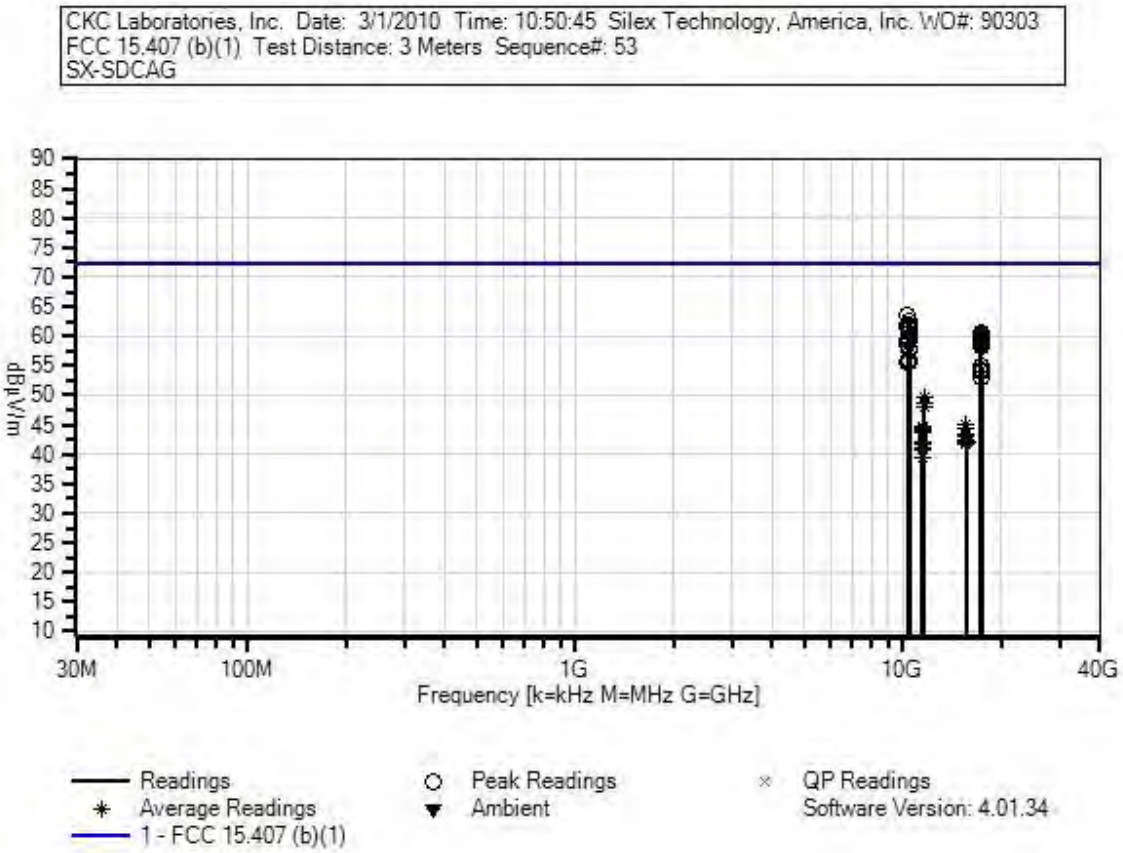
37	11611.340 M Ave	35.7	+9.6 +0.0	-35.9 +0.4	+1.1	+38.8	+0.0	49.7	72.3 X_802.11a	-22.6	Vert
^	11611.340 M	48.1	+9.6 +0.0	-35.9 +0.4	+1.1	+38.8	+0.0	62.1	72.3 X_802.11a	-10.2	Vert
39	11615.450 M Ave	34.7	+9.6 +0.0	-35.9 +0.4	+1.1	+38.8	+0.0	48.7	72.3 Z_802.11a	-23.6	Horiz
^	11615.450 M	49.2	+9.6 +0.0	-35.9 +0.4	+1.1	+38.8	+0.0	63.2	72.3 Z_802.11a	-9.1	Horiz
41	11611.340 M Ave	34.6	+9.6 +0.0	-35.9 +0.4	+1.1	+38.8	+0.0	48.6	72.3 Y_802.11a	-23.7	Horiz
42	11608.760 M Ave	34.1	+9.6 +0.0	-35.9 +0.4	+1.1	+38.8	+0.0	48.1	72.3 Y_802.11a	-24.2	Vert
^	11608.760 M	45.7	+9.6 +0.0	-35.9 +0.4	+1.1	+38.8	+0.0	59.7	72.3 Y_802.11a	-12.6	Vert
44	11610.500 M Ave	33.9	+9.6 +0.0	-35.9 +0.4	+1.1	+38.8	+0.0	47.9	72.3 Z_802.11a	-24.4	Vert
^	11610.500 M	46.9	+9.6 +0.0	-35.9 +0.4	+1.1	+38.8	+0.0	60.9	72.3 Z_802.11a	-11.4	Vert
46	11611.340 M Ave	33.9	+9.6 +0.0	-35.9 +0.4	+1.1	+38.8	+0.0	47.9	72.3 X_802.11a	-24.4	Horiz
^	11611.340 M	47.6	+9.6 +0.0	-35.9 +0.4	+1.1	+38.8	+0.0	61.6	72.3 Y_802.11a	-10.7	Horiz
^	11611.340 M	46.9	+9.6 +0.0	-35.9 +0.4	+1.1	+38.8	+0.0	60.9	72.3 X_802.11a	-11.4	Horiz
49	15601.400 M Ave	28.0	+11.8 +0.0	-34.6 +0.5	+1.4	+38.0	+0.0	45.1	72.3 Z_802.11a	-27.2	Vert
50	11530.000 M Ave	30.7	+9.6 +0.0	-35.9 +0.4	+1.1	+38.8	+0.0	44.7	72.3 Y_802.11a	-27.6	Vert
51	15601.400 M Ave	27.4	+11.8 +0.0	-34.6 +0.5	+1.4	+38.0	+0.0	44.5	72.3 Y_802.11a	-27.8	Horiz
52	11530.000 M Ave	30.5	+9.6 +0.0	-35.9 +0.4	+1.1	+38.8	+0.0	44.5	72.3 Z_802.11a	-27.8	Vert
53	11490.500 M Ave	30.3	+9.6 +0.0	-35.9 +0.4	+1.1	+38.8	+0.0	44.3	72.3 Y_802.11a	-28.0	Vert

54	11490.500 M Ave	30.1	+9.6 +0.0	-35.9 +0.4	+1.1	+38.8	+0.0	44.1	72.3 Z_802.11a	-28.2	Horiz
55	11490.500 M Ave	30.0	+9.6 +0.0	-35.9 +0.4	+1.1	+38.8	+0.0	44.0	72.3 Y_802.11a	-28.3	Horiz
56	11530.000 M Ave	30.0	+9.6 +0.0	-35.9 +0.4	+1.1	+38.8	+0.0	44.0	72.3 Y_802.11a	-28.3	Horiz
57	11530.000 M Ave	29.6	+9.6 +0.0	-35.9 +0.4	+1.1	+38.8	+0.0	43.6	72.3 Z_802.11a	-28.7	Horiz
58	15540.293 M Ave	26.4	+11.7 +0.0	-34.6 +0.5	+1.4	+38.0	+0.0	43.4	72.3 Z_802.11a	-28.9	Horiz
59	15601.400 M Ave	26.2	+11.8 +0.0	-34.6 +0.5	+1.4	+38.0	+0.0	43.3	72.3 Z_802.11a	-29.0	Horiz
60	15540.333 M Ave	26.1	+11.7 +0.0	-34.6 +0.5	+1.4	+38.0	+0.0	43.1	72.3 Y_802.11a	-29.2	Vert
61	15540.333 M Ave	25.4	+11.7 +0.0	-34.6 +0.5	+1.4	+38.0	+0.0	42.4	72.3 Y_802.11a	-29.9	Horiz
62	15540.333 M Ave	25.3	+11.7 +0.0	-34.6 +0.5	+1.4	+38.0	+0.0	42.3	72.3 X_802.11a	-30.0	Vert
63	15601.400 M Ave	25.2	+11.8 +0.0	-34.6 +0.5	+1.4	+38.0	+0.0	42.3	72.3 X_802.11a	-30.0	Vert
64	15601.400 M Ave	25.1	+11.8 +0.0	-34.6 +0.5	+1.4	+38.0	+0.0	42.2	72.3 Y_802.11a	-30.1	Vert
^	15601.400 M	40.1	+11.8 +0.0	-34.6 +0.5	+1.4	+38.0	+0.0	57.2	72.3 Z_802.11a	-15.1	Vert
^	15601.400 M	39.0	+11.8 +0.0	-34.6 +0.5	+1.4	+38.0	+0.0	56.1	72.3 Y_802.11a	-16.2	Vert
^	15601.400 M	38.4	+11.8 +0.0	-34.6 +0.5	+1.4	+38.0	+0.0	55.5	72.3 X_802.11a	-16.8	Vert

68	15540.300 M Ave	25.2	+11.7 +0.0	-34.6 +0.5	+1.4	+38.0	+0.0	42.2	72.3 Z_802.11a	-30.1	Vert
^	15540.333 M	40.9	+11.7 +0.0	-34.6 +0.5	+1.4	+38.0	+0.0	57.9	72.3 Y_802.11a	-14.4	Vert
^	15540.300 M	37.8	+11.7 +0.0	-34.6 +0.5	+1.4	+38.0	+0.0	54.8	72.3 Z_802.11a	-17.5	Vert
^	15540.333 M	35.3	+11.7 +0.0	-34.6 +0.5	+1.4	+38.0	+0.0	52.3	72.3 X_802.11a	-20.0	Vert
72	15719.333 M Ave	24.8	+11.8 +0.0	-34.4 +0.5	+1.4	+38.0	+0.0	42.1	72.3 X_802.11a	-30.2	Vert
73	15601.400 M Ave	25.0	+11.8 +0.0	-34.6 +0.5	+1.4	+38.0	+0.0	42.1	72.3 X_802.11a	-30.2	Horiz
^	15601.400 M	40.8	+11.8 +0.0	-34.6 +0.5	+1.4	+38.0	+0.0	57.9	72.3 Y_802.11a	-14.4	Horiz
^	15601.400 M	38.4	+11.8 +0.0	-34.6 +0.5	+1.4	+38.0	+0.0	55.5	72.3 Z_802.11a	-16.8	Horiz
^	15601.400 M	37.4	+11.8 +0.0	-34.6 +0.5	+1.4	+38.0	+0.0	54.5	72.3 X_802.11a	-17.8	Horiz
77	11490.500 M Ave	28.1	+9.6 +0.0	-35.9 +0.4	+1.1	+38.8	+0.0	42.1	72.3 X_802.11a	-30.2	Vert
78	15719.333 M Ave	24.7	+11.8 +0.0	-34.4 +0.5	+1.4	+38.0	+0.0	42.0	72.3 Z_802.11a	-30.3	Vert
79	15719.333 M Ave	24.7	+11.8 +0.0	-34.4 +0.5	+1.4	+38.0	+0.0	42.0	72.3 Y_802.11a	-30.3	Vert
^	15719.333 M	38.1	+11.8 +0.0	-34.4 +0.5	+1.4	+38.0	+0.0	55.4	72.3 Y_802.11a	-16.9	Vert
^	15719.333 M	37.5	+11.8 +0.0	-34.4 +0.5	+1.4	+38.0	+0.0	54.8	72.3 X_802.11a	-17.5	Vert
^	15719.333 M	37.4	+11.8 +0.0	-34.4 +0.5	+1.4	+38.0	+0.0	54.7	72.3 Z_802.11a	-17.6	Vert
83	15719.333 M Ave	24.7	+11.8 +0.0	-34.4 +0.5	+1.4	+38.0	+0.0	42.0	72.3 X_802.11a	-30.3	Horiz
84	15719.333 M Ave	24.7	+11.8 +0.0	-34.4 +0.5	+1.4	+38.0	+0.0	42.0	72.3 Z_802.11a	-30.3	Horiz

85	15719.333 M Ave	24.6	+11.8 +0.0	-34.4 +0.5	+1.4	+38.0	+0.0	41.9	72.3 Y_802.11a	-30.4	Horiz
^	15719.333 M	39.6	+11.8 +0.0	-34.4 +0.5	+1.4	+38.0	+0.0	56.9	72.3 Z_802.11a	-15.4	Horiz
^	15719.333 M	37.4	+11.8 +0.0	-34.4 +0.5	+1.4	+38.0	+0.0	54.7	72.3 X_802.11a	-17.6	Horiz
^	15719.333 M	36.8	+11.8 +0.0	-34.4 +0.5	+1.4	+38.0	+0.0	54.1	72.3 Y_802.11a	-18.2	Horiz
89	11530.000 M Ave	27.9	+9.6 +0.0	-35.9 +0.4	+1.1	+38.8	+0.0	41.9	72.3 X_802.11a	-30.4	Vert
^	11530.000 M	44.2	+9.6 +0.0	-35.9 +0.4	+1.1	+38.8	+0.0	58.2	72.3 Z_802.11a	-14.1	Vert
^	11530.000 M	43.8	+9.6 +0.0	-35.9 +0.4	+1.1	+38.8	+0.0	57.8	72.3 Y_802.11a	-14.5	Vert
^	11530.000 M	42.0	+9.6 +0.0	-35.9 +0.4	+1.1	+38.8	+0.0	56.0	72.3 X_802.11a	-16.3	Vert
93	15540.333 M Ave	24.7	+11.7 +0.0	-34.6 +0.5	+1.4	+38.0	+0.0	41.7	72.3 X_802.11a	-30.6	Horiz
^	15540.333 M	39.4	+11.7 +0.0	-34.6 +0.5	+1.4	+38.0	+0.0	56.4	72.3 Y_802.11a	-15.9	Horiz
^	15540.300 M	38.8	+11.7 +0.0	-34.6 +0.5	+1.4	+38.0	+0.0	55.8	72.3 Z_802.11a	-16.5	Horiz
^	15540.367 M	36.9	+11.7 +0.0	-34.6 +0.5	+1.4	+38.0	+0.0	53.9	72.3 X_802.11a	-18.4	Horiz
97	11490.500 M Ave	27.0	+9.6 +0.0	-35.9 +0.4	+1.1	+38.8	+0.0	41.0	72.3 X_802.11a	-31.3	Horiz
^	11490.500 M	46.5	+9.6 +0.0	-35.9 +0.4	+1.1	+38.8	+0.0	60.5	72.3 Z_802.11a	-11.8	Horiz
^	11490.500 M	44.9	+9.6 +0.0	-35.9 +0.4	+1.1	+38.8	+0.0	58.9	72.3 Y_802.11a	-13.4	Horiz
^	11490.500 M	39.4	+9.6 +0.0	-35.9 +0.4	+1.1	+38.8	+0.0	53.4	72.3 X_802.11a	-18.9	Horiz

101	11490.500 M Ave	26.7	+9.6 +0.0	-35.9 +0.4	+1.1	+38.8	+0.0	40.7	72.3 Z_802.11a	-31.6	Vert
^	11490.500 M	45.9	+9.6 +0.0	-35.9 +0.4	+1.1	+38.8	+0.0	59.9	72.3 Y_802.11a	-12.4	Vert
^	11490.500 M	44.0	+9.6 +0.0	-35.9 +0.4	+1.1	+38.8	+0.0	58.0	72.3 X_802.11a	-14.3	Vert
^	11490.500 M	42.3	+9.6 +0.0	-35.9 +0.4	+1.1	+38.8	+0.0	56.3	72.3 Z_802.11a	-16.0	Vert
105	11530.000 M Ave	25.4	+9.6 +0.0	-35.9 +0.4	+1.1	+38.8	+0.0	39.4	72.3 X_802.11a	-32.9	Horiz
^	11530.000 M	43.3	+9.6 +0.0	-35.9 +0.4	+1.1	+38.8	+0.0	57.3	72.3 Z_802.11a	-15.0	Horiz
^	11530.000 M	41.7	+9.6 +0.0	-35.9 +0.4	+1.1	+38.8	+0.0	55.7	72.3 Y_802.11a	-16.6	Horiz
^	11530.000 M	38.5	+9.6 +0.0	-35.9 +0.4	+1.1	+38.8	+0.0	52.5	72.3 X_802.11a	-19.8	Horiz


CKC Laboratories, Inc. Date: 3/1/2010 Time: 10:50:45 Silex Technology, America, Inc. WO#: 90303
FCC 15.407 (b)(1) Test Distance: 3 Meters Sequence#: 53
SX-SDCAG
dBµV/m
90
85
80
75
70
65
60
55
50
45
40
35
30
25
20
15
10
30M
100M
1G
10G
40G
Frequency [k=kHz M=MHz G=GHz]
Readings
Average Readings
1 - FCC 15.407 (b)(1)
Peak Readings
Ambient
QP Readings
Software Version: 4.01.34

Test Location: CKC Laboratories, Inc. • 110. N. Olinda Place. • Brea, CA 92821 • (714) 993-6112

Customer: **Silex Technology, America, Inc.**
Specification: **FCC 15.407 (b)(1)**
Work Order #: **90303** Date: 2/2/2010
Test Type: **Radiated Scan** Time: 13:43:58
Equipment: **Wireless 802.11a/b/g SD Card Radio** Sequence#: 7
Manufacturer: Silex Technology America, Inc. Tested By: E. Wong
Model: SX-SDCAG
S/N: E1

***Test Equipment*:**

Function	S/N	Calibration Date	Cal Due Date	Asset #
Bicon Antenna	220	10/22/2009	10/22/2011	306
Log Antenna	331	10/22/2009	10/22/2011	300
Spectrum Analyzer	US44300438	07/23/2008	07/23/2010	02672
Pre amp to SA Cable	Cable #10	04/16/2009	04/16/2011	P05050
Cable	Cable15	01/05/2009	01/05/2011	P05198
Pre Amp	1937A02548	05/02/2008	05/02/2010	00309
Horn Antenna	6246	06/06/2008	06/06/2010	00849
Microwave Pre-amp	3123A00281	07/28/2008	07/28/2010	00786
Heliax Antenna Cable	P5565	09/04/2008	09/04/2010	P05565
18-26GHz Horn	942126-003	11/12/2008	11/12/2010	01413
Loop Antenna	2014	06/16/2008	06/16/2010	00314
3'-40GHz cable	NA	09/14/2009	09/14/2011	P02946
2'-40GHz cable	NA	09/21/2009	09/21/2011	P2948
5.8 GHz HPF	1	03/25/2008	03/25/2010	02755
AMP 50GHz	3332A00309	11/13/2008	11/13/2010	02115
26.5-40GHz Horn Antenna	1012	11/12/2008	11/12/2010	02045

***Equipment Under Test* (* = EUT):**

Function	Manufacturer	Model #	S/N
Wireless 802.11a/b/g SD Card Radio*	Silex Technology America, Inc.	SX-SDCAG	E1

Support Devices:

Function	Manufacturer	Model #	S/N
Evaluator Board	Silex Technology America, Inc.	SX-560-6900	NA
Power Supply	Condor	HK-CH13-A05	NA
802.11 a/b/g Wireless Access Point	3-Com	WL-526	NA
Laptop	Sony	PCG-982L	8323330
Serial Server	Silex Technology America, Inc.	SX-560	SL004545

Test Conditions / Notes:

The EUT and support evaluation board are placed on the wooden table lined with a Styrofoam surface of 5 cm thickness. The EUT seeking modular approval is extended beyond the perimeter of the evaluation board via an extender card.

The support laptop sends data to the EUT via a support WiFi hub, the EUT receives processes and returns the data to the support computer via a support wireless hub.

Serial port of the support evaluation board is connected to the support laptop via a serial cable and all other ports are left unpopulated.

Freq: 5.15 - 5.25GHz, 5.725 - 5.825GHz

Tx Frequency: 5180MHz, 5200MHz, 5240MHz, 5745MHz, 5765MHz, 5805MHz.
Modulation: 802.11 a (54 mbps)
Ch 36, 40, 48, 149, 153, 161.
Firmware Power setting: 16, 16, 16, 15, 15, 16
Power = 13.3 dBm (0.0214W) ,13.2dBm (0.0209W), 13.3dBm (0.0214), 12.6dBm(0.0182), 12.6dBm (0.0182W), 13.0dBm(0.0200W)

Antenna Manufacturer: Ethertronics
Antenna Gain: 2.5dBi @2.5GHz
Antenna Gain: 3.5dBi @5.0GHz
Transmit via Antenna #1

13°C, 58% Relative Humidity

Emission profile of the EUT and antennas rotated along the three orthogonal axis was investigated.

Frequency range of measurement = 9 kHz- 40 GHz.
Frequency 9 kHz - 150 kHz RBW=200 Hz, VBW=200 Hz; 150 kHz- 30 MHz RBW=9 kHz, VBW=9 kHz; 30 MHz- 1000 MHz RBW=120 kHz, VBW=120 kHz; 1000 MHz- 40000 MHz RBW=1 MHz, VBW=1 MHz.

Transducer Legend:

T2=Log AN00300_102211	T1=Bico AN00306_102211
T4=Cable #15_05198_ Site A, 010511	T3=Cable #10 ANP05050 041611
T6=Heliax Cable 54' ANP05565 090410	T5=Pre_amp_HP8447D-AN00309-050210
T8=Hi Freq_40GHz_2ft-AN02948-092111	T7=HF_pre AMP-1-26GHz_AN00786-072810.TRN
T10=Horn Ant AN01413_111310	T9=Horn Ant AN00849 060610
	T11=HPF_6GHz-AN02755-032510

Ext Attn: 0 dB

Measurement Data: Reading listed by margin. Test Distance: 3 Meters

#	Freq	Rdng	T1 T5 T9	T2 T6 T10	T3 T7 T11	T4 T8	Dist	Corr	Spec	Margin	Polar
	MHz	dBµV	dB	dB	dB	dB	Table	dBµV/m	dBµV/m	dB	Ant
1	23063.333 M	49.3	+0.0 +0.0 +0.0	+0.0 +0.0 +39.7	+0.0 -32.4 +0.0	+0.0 +1.7	+0.0	58.3	71.7	-13.4	Vert
2	11611.500 M Ave	39.7	+0.0 +0.0 +38.8	+0.0 +9.6 +0.0	+0.0 -35.9 +0.4	+0.0 +1.1	+0.0	53.7	71.7 Z_802.11a_5805M Hz	-18.0	Horiz

^	11611.500 M	51.9	+0.0 +0.0 +38.8	+0.0 +9.6 +0.0	+0.0 -35.9 +0.4	+0.0 +1.1	+0.0	65.9	71.7 Z_802.11a_5805MHz	-5.8	Horiz
4	11529.417 M Ave	39.5	+0.0 +0.0 +38.8	+0.0 +9.6 +0.0	+0.0 -35.9 +0.4	+0.0 +1.1	+0.0	53.5	71.7 Y_802.11a_5765MHz	-18.2	Vert
5	11491.333 M Ave	39.3	+0.0 +0.0 +38.8	+0.0 +9.6 +0.0	+0.0 -35.9 +0.4	+0.0 +1.1	+0.0	53.3	71.7 Z_802.11a_5745MHz . power 16, 10 dB pad	-18.4	Horiz
^	11491.333 M	52.8	+0.0 +0.0 +38.8	+0.0 +9.6 +0.0	+0.0 -35.9 +0.4	+0.0 +1.1	+0.0	66.8	71.7 Z_802.11a_5745MHz . power 16, 10 dB pad	-4.9	Horiz
7	17235.000 M Ave	40.2	+0.0 +0.0 +41.6	+0.0 +12.5 +0.0	+0.0 -33.7 +0.3	+0.0 +1.5	-9.5	52.9	71.7 X_802.11a_5745MHz	-18.8	Horiz
8	11490.000 M Ave	38.7	+0.0 +0.0 +38.8	+0.0 +9.6 +0.0	+0.0 -35.9 +0.4	+0.0 +1.1	+0.0	52.7	71.7 Y_802.11a_5745MHz	-19.0	Vert
9	17289.000 M Ave	39.7	+0.0 +0.0 +41.8	+0.0 +12.5 +0.0	+0.0 -33.6 +0.3	+0.0 +1.5	-9.5	52.7	71.7 X_802.11a_5765MHz	-19.0	Horiz
^	17289.000 M	54.1	+0.0 +0.0 +41.8	+0.0 +12.5 +0.0	+0.0 -33.6 +0.3	+0.0 +1.5	-9.5	67.1	71.7 X_802.11a_5765MHz	-4.6	Horiz
11	11610.667 M Ave	38.5	+0.0 +0.0 +38.8	+0.0 +9.6 +0.0	+0.0 -35.9 +0.4	+0.0 +1.1	+0.0	52.5	71.7 X_5805MHz	-19.2	Horiz
^	11610.667 M	51.1	+0.0 +0.0 +38.8	+0.0 +9.6 +0.0	+0.0 -35.9 +0.4	+0.0 +1.1	+0.0	65.1	71.7 X_5805MHz	-6.6	Horiz
13	11528.333 M Ave	38.3	+0.0 +0.0 +38.8	+0.0 +9.6 +0.0	+0.0 -35.9 +0.4	+0.0 +1.1	+0.0	52.3	71.7 Z_802.11a_5765MHz	-19.4	Horiz
^	11528.333 M	50.7	+0.0 +0.0 +38.8	+0.0 +9.6 +0.0	+0.0 -35.9 +0.4	+0.0 +1.1	+0.0	64.7	71.7 Z_802.11a_5765MHz	-7.0	Horiz
15	17411.333 M Ave	37.9	+0.0 +0.0 +42.4	+0.0 +12.5 +0.0	+0.0 -33.6 +0.4	+0.0 +1.5	-9.5	51.6	71.7 X_5805MHz	-20.1	Horiz

^	17411.333 M	53.4	+0.0 +0.0 +42.4	+0.0 +12.5 +0.0	+0.0 -33.6 +0.4	+0.0 +1.5	-9.5	67.1	71.7 X_5805MHz	-4.6	Horiz
17	11612.330 M Ave	37.3	+0.0 +0.0 +38.8	+0.0 +9.6 +0.0	+0.0 -35.9 +0.4	+0.0 +1.1	+0.0	51.3	71.7 Y-802.11a_5805MHz	-20.4	Vert
^	11612.330 M	49.4	+0.0 +0.0 +38.8	+0.0 +9.6 +0.0	+0.0 -35.9 +0.4	+0.0 +1.1	+0.0	63.4	71.7 Y-802.11a_5805MHz	-8.3	Vert
19	17283.333 M Ave	38.3	+0.0 +0.0 +41.8	+0.0 +12.5 +0.0	+0.0 -33.6 +0.3	+0.0 +1.5	-9.5	51.3	71.7 Z_802.11a_5765MHz	-20.4	Horiz
^	17283.333 M	52.6	+0.0 +0.0 +41.8	+0.0 +12.5 +0.0	+0.0 -33.6 +0.3	+0.0 +1.5	-9.5	65.6	71.7 Z_802.11a_5765MHz	-6.1	Horiz
21	11490.000 M Ave	37.0	+0.0 +0.0 +38.8	+0.0 +9.6 +0.0	+0.0 -35.9 +0.4	+0.0 +1.1	+0.0	51.0	71.7 X_802.11a_5745MHz	-20.7	Horiz
22	11525.933 M Ave	36.7	+0.0 +0.0 +38.8	+0.0 +9.6 +0.0	+0.0 -35.9 +0.4	+0.0 +1.1	+0.0	50.7	71.7 X_802.11a_5765MHz	-21.0	Vert
^	11526.000 M	47.2	+0.0 +0.0 +38.8	+0.0 +9.6 +0.0	+0.0 -35.9 +0.4	+0.0 +1.1	+0.0	61.2	71.7 X_802.11a_5765MHz	-10.5	Vert
24	6906.567M Ave	44.1	+0.0 +0.0 +34.9	+0.0 +6.7 +0.0	+0.0 -36.5 +0.5	+0.0 +0.8	+0.0	50.5	71.7 Z_802.11a_5180MHz	-21.2	Horiz
25	11526.000 M Ave	36.4	+0.0 +0.0 +38.8	+0.0 +9.6 +0.0	+0.0 -35.9 +0.4	+0.0 +1.1	+0.0	50.4	71.7 X_802.11a_5765MHz	-21.3	Horiz
^	11526.000 M	49.6	+0.0 +0.0 +38.8	+0.0 +9.6 +0.0	+0.0 -35.9 +0.4	+0.0 +1.1	+0.0	63.6	71.7 X_802.11a_5765MHz	-8.1	Horiz
27	11490.000 M Ave	36.3	+0.0 +0.0 +38.8	+0.0 +9.6 +0.0	+0.0 -35.9 +0.4	+0.0 +1.1	+0.0	50.3	71.7 X_802.11a_5745MHz	-21.4	Vert
28	17421.667 M Ave	36.1	+0.0 +0.0 +42.4	+0.0 +12.5 +0.0	+0.0 -33.6 +0.4	+0.0 +1.5	-9.5	49.8	71.7 Z_802.11a_5805MHz	-21.9	Horiz

^	17421.667 M	47.3	+0.0 +0.0 +42.4	+0.0 +12.5 +0.0	+0.0 -33.6 +0.4	+0.0 +1.5	-9.5	61.0	71.7	-10.7	Horiz
									Z_802.11a_5805M Hz		
30	15600.000 M Ave	31.9	+0.0 +0.0 +38.0	+0.0 +11.8 +0.0	+0.0 -34.6 +0.5	+0.0 +1.4	+0.0	49.0	71.7	-22.7	Horiz
									Z_802.11a_5200M Hz		
31	6986.667M Ave	42.3	+0.0 +0.0 +35.0	+0.0 +6.7 +0.0	+0.0 -36.4 +0.5	+0.0 +0.8	+0.0	48.9	71.7	-22.8	Horiz
									Z_802.11a_5240M Hz		
32	15600.000 M Ave	31.7	+0.0 +0.0 +38.0	+0.0 +11.8 +0.0	+0.0 -34.6 +0.5	+0.0 +1.4	+0.0	48.8	71.7	-22.9	Horiz
									Y_802.11a_5200M Hz		
33	6906.650M Ave	42.1	+0.0 +0.0 +34.9	+0.0 +6.7 +0.0	+0.0 -36.5 +0.5	+0.0 +0.8	+0.0	48.5	71.7	-23.2	Vert
									Y_802.11a_5180M Hz		
^	6906.650M	46.3	+0.0 +0.0 +34.9	+0.0 +6.7 +0.0	+0.0 -36.5 +0.5	+0.0 +0.8	+0.0	52.7	71.7	-19.0	Vert
									Y_802.11a_5180M Hz		
35	6906.500M	42.1	+0.0 +0.0 +34.9	+0.0 +6.7 +0.0	+0.0 -36.5 +0.5	+0.0 +0.8	+0.0	48.5	71.7	-23.2	Vert
									Z_802.11a_5180M Hz		
36	15720.000 M Ave	31.0	+0.0 +0.0 +38.0	+0.0 +11.8 +0.0	+0.0 -34.4 +0.5	+0.0 +1.4	+0.0	48.3	71.7	-23.4	Horiz
									Z_802.11a_5240M Hz		
37	15600.000 M Ave	31.2	+0.0 +0.0 +38.0	+0.0 +11.8 +0.0	+0.0 -34.6 +0.5	+0.0 +1.4	+0.0	48.3	71.7	-23.4	Vert
									Y_802.11a_5200M Hz		
38	10400.000 M Ave	36.3	+0.0 +0.0 +38.0	+0.0 +8.8 +0.0	+0.0 -36.2 +0.3	+0.0 +1.0	+0.0	48.2	71.7	-23.5	Horiz
									Y_802.11a_5200M Hz		
39	6933.497M Ave	41.8	+0.0 +0.0 +34.9	+0.0 +6.7 +0.0	+0.0 -36.5 +0.5	+0.0 +0.8	+0.0	48.2	71.7	-23.5	Horiz
									Z_802.11a_5200M Hz		
^	6933.497M	47.9	+0.0 +0.0 +34.9	+0.0 +6.7 +0.0	+0.0 -36.5 +0.5	+0.0 +0.8	+0.0	54.3	71.7	-17.4	Horiz
									Z_802.11a_5200M Hz		
41	6933.050M Ave	41.7	+0.0 +0.0 +34.9	+0.0 +6.7 +0.0	+0.0 -36.5 +0.5	+0.0 +0.8	+0.0	48.1	71.7	-23.6	Vert
									Y_802.11a_5200M Hz		
^	6933.050M	48.0	+0.0 +0.0 +34.9	+0.0 +6.7 +0.0	+0.0 -36.5 +0.5	+0.0 +0.8	+0.0	54.4	71.7	-17.3	Vert
									Y_802.11a_5200M Hz		
43	6986.533M Ave	41.4	+0.0 +0.0 +35.0	+0.0 +6.7 +0.0	+0.0 -36.4 +0.5	+0.0 +0.8	+0.0	48.0	71.7	-23.7	Vert
									Y_802.11a_5240M Hz		

^	6986.533M	46.7	+0.0 +0.0 +35.0	+0.0 +6.7 +0.0	+0.0 -36.4 +0.5	+0.0 +0.8	+0.0	53.3	71.7	-18.4 Y_802.11a_5240M Hz	Vert
45	17236.333 M Ave	40.4	+0.0 +0.0 +41.6	+0.0 +12.5 +0.0	+0.0 -33.7 +0.3	+0.0 +1.5	-10.0	52.6	76.5	-23.9 Z_802.11a_5745M Hz , power=16, 10 dB pad, 1 meter	Horiz
^	17236.333 M	53.5	+0.0 +0.0 +41.6	+0.0 +12.5 +0.0	+0.0 -33.7 +0.3	+0.0 +1.5	-10.0	65.7	76.5	-10.8 Z_802.11a_5745M Hz , power=16, 10 dB pad, 1 meter	Horiz
47	15542.500 M Ave	30.7	+0.0 +0.0 +38.0	+0.0 +11.7 +0.0	+0.0 -34.6 +0.5	+0.0 +1.4	+0.0	47.7	71.7	-24.0 Z_802.11a_5180M Hz	Horiz
^	15542.500 M	44.5	+0.0 +0.0 +38.0	+0.0 +11.7 +0.0	+0.0 -34.6 +0.5	+0.0 +1.4	+0.0	61.5	71.7	-10.2 Z_802.11a_5180M Hz	Horiz
49	17235.000 M Ave	34.9	+0.0 +0.0 +41.6	+0.0 +12.5 +0.0	+0.0 -33.7 +0.3	+0.0 +1.5	-9.5	47.6	71.7	-24.1 X_802.11a_5745M Hz	Vert
^	17235.000 M	46.6	+0.0 +0.0 +41.6	+0.0 +12.5 +0.0	+0.0 -33.7 +0.3	+0.0 +1.5	-9.5	59.3	71.7	-12.4 X_802.11a_5745M Hz	Vert
51	11610.000 M Ave	33.5	+0.0 +0.0 +38.8	+0.0 +9.6 +0.0	+0.0 -35.9 +0.4	+0.0 +1.1	+0.0	47.5	71.7	-24.2 Z_802.11a_5805M Hz	Vert
^	11610.000 M	45.4	+0.0 +0.0 +38.8	+0.0 +9.6 +0.0	+0.0 -35.9 +0.4	+0.0 +1.1	+0.0	59.4	71.7	-12.3 Z_802.11a_5805M Hz	Vert
53	17235.817 M Ave	24.9	+0.0 +0.0 +41.6	+0.0 +12.5 +0.0	+0.0 -33.7 +0.3	+0.0 +1.5	+0.0	47.1	71.7	-24.6 Z_802.11a_5745M Hz	Vert
^	17235.817 M	37.3	+0.0 +0.0 +41.6	+0.0 +12.5 +0.0	+0.0 -33.7 +0.3	+0.0 +1.5	+0.0	59.5	71.7	-12.2 Z_802.11a_5745M Hz	Vert

55	17289.000 M Ave	34.1	+0.0 +0.0 +41.8	+0.0 +12.5 +0.0	+0.0 -33.6 +0.3	+0.0 +1.5	-9.5	47.1	71.7 X_802.11a_5765M Hz	-24.6	Vert
^	17289.000 M	45.4	+0.0 +0.0 +41.8	+0.0 +12.5 +0.0	+0.0 -33.6 +0.3	+0.0 +1.5	-9.5	58.4	71.7 X_802.11a_5765M Hz	-13.3	Vert
57	17292.217 M Ave	34.0	+0.0 +0.0 +41.9	+0.0 +12.5 +0.0	+0.0 -33.6 +0.3	+0.0 +1.5	-9.5	47.1	71.7 Y_802.11a_5765M Hz	-24.6	Vert
^	17292.217 M	45.5	+0.0 +0.0 +41.9	+0.0 +12.5 +0.0	+0.0 -33.6 +0.3	+0.0 +1.5	-9.5	58.6	71.7 Y_802.11a_5765M Hz	-13.1	Vert
59	17230.500 M Ave	34.3	+0.0 +0.0 +41.6	+0.0 +12.5 +0.0	+0.0 -33.7 +0.3	+0.0 +1.5	-9.5	47.0	71.7 Y_802.11a_5745M Hz	-24.7	Vert
^	17230.500 M	46.2	+0.0 +0.0 +41.6	+0.0 +12.5 +0.0	+0.0 -33.7 +0.3	+0.0 +1.5	-9.5	58.9	71.7 Y_802.11a_5745M Hz	-12.8	Vert
61	11490.000 M Ave	32.8	+0.0 +0.0 +38.8	+0.0 +9.6 +0.0	+0.0 -35.9 +0.4	+0.0 +1.1	+0.0	46.8	71.7 Z_802.11a_5745M Hz	-24.9	Vert
^	11490.000 M	51.5	+0.0 +0.0 +38.8	+0.0 +9.6 +0.0	+0.0 -35.9 +0.4	+0.0 +1.1	+0.0	65.5	71.7 Y_802.11a_5745M Hz	-6.2	Vert
^	11490.000 M	48.5	+0.0 +0.0 +38.8	+0.0 +9.6 +0.0	+0.0 -35.9 +0.4	+0.0 +1.1	+0.0	62.5	71.7 X_802.11a_5745M Hz	-9.2	Vert
^	11490.000 M	44.2	+0.0 +0.0 +38.8	+0.0 +9.6 +0.0	+0.0 -35.9 +0.4	+0.0 +1.1	+0.0	58.2	71.7 Z_802.11a_5745M Hz	-13.5	Vert
65	10400.000 M Ave	34.8	+0.0 +0.0 +38.0	+0.0 +8.8 +0.0	+0.0 -36.2 +0.3	+0.0 +1.0	+0.0	46.7	71.7 Z_802.11a_5200M Hz	-25.0	Horiz

66	11529.333 M Ave	32.6	+0.0 +0.0 +38.8	+0.0 +9.6 +0.0	+0.0 -35.9 +0.4	+0.0 +1.1	+0.0	46.6	71.7 Z_802.11a_5765MHz	-25.1	Vert
^	11529.417 M	52.4	+0.0 +0.0 +38.8	+0.0 +9.6 +0.0	+0.0 -35.9 +0.4	+0.0 +1.1	+0.0	66.4	71.7 Y_802.11a_5765MHz	-5.3	Vert
^	11529.333 M	44.5	+0.0 +0.0 +38.8	+0.0 +9.6 +0.0	+0.0 -35.9 +0.4	+0.0 +1.1	+0.0	58.5	71.7 Z_802.11a_5765MHz	-13.2	Vert
69	11606.017 M Ave	37.3	+0.0 +0.0 +38.8	+0.0 +9.6 +0.0	+0.0 -35.9 +0.4	+0.0 +1.1	+0.0	51.3	76.5 X_5805MHz	-25.2	Vert
^	11606.000 M	48.5	+0.0 +0.0 +38.8	+0.0 +9.6 +0.0	+0.0 -35.9 +0.4	+0.0 +1.1	+0.0	62.5	71.7 X_5805MHz	-9.2	Vert
71	17415.000 M Ave	23.0	+0.0 +0.0 +42.4	+0.0 +12.5 +0.0	+0.0 -33.6 +0.4	+0.0 +1.5	+0.0	46.2	71.7 Z_802.11a_5805MHz	-25.5	Vert
^	17415.000 M	33.7	+0.0 +0.0 +42.4	+0.0 +12.5 +0.0	+0.0 -33.6 +0.4	+0.0 +1.5	+0.0	56.9	71.7 Z_802.11a_5805MHz	-14.8	Vert
73	15540.000 M Ave	28.9	+0.0 +0.0 +38.0	+0.0 +11.7 +0.0	+0.0 -34.6 +0.5	+0.0 +1.4	+0.0	45.9	71.7 Y_802.11a_5180MHz	-25.8	Vert
74	11527.800 M Ave	31.9	+0.0 +0.0 +38.8	+0.0 +9.6 +0.0	+0.0 -35.9 +0.4	+0.0 +1.1	+0.0	45.9	71.7 Y_802.11a_5765MHz	-25.8	Horiz
^	11527.800 M	44.8	+0.0 +0.0 +38.8	+0.0 +9.6 +0.0	+0.0 -35.9 +0.4	+0.0 +1.1	+0.0	58.8	71.7 Y_802.11a_5765MHz	-12.9	Horiz
76	15720.000 M Ave	28.3	+0.0 +0.0 +38.0	+0.0 +11.8 +0.0	+0.0 -34.4 +0.5	+0.0 +1.4	+0.0	45.6	71.7 Y_802.11a_5240MHz	-26.1	Horiz
77	10480.000 M Ave	33.6	+0.0 +0.0 +38.0	+0.0 +8.9 +0.0	+0.0 -36.2 +0.3	+0.0 +1.0	+0.0	45.6	71.7 Z_802.11a_5240MHz	-26.1	Horiz
78	10359.833 M Ave	33.6	+0.0 +0.0 +38.0	+0.0 +8.8 +0.0	+0.0 -36.2 +0.3	+0.0 +1.0	+0.0	45.5	71.7 Z_802.11a_5180MHz	-26.2	Horiz

^	10359.833 M	48.0	+0.0 +0.0 +38.0	+0.0 +8.8 +0.0	+0.0 -36.2 +0.3	+0.0 +1.0	+0.0	59.9	71.7 Z_802.11a_5180MHz	-11.8	Horiz
80	17415.000 M Ave	31.8	+0.0 +0.0 +42.4	+0.0 +12.5 +0.0	+0.0 -33.6 +0.4	+0.0 +1.5	-9.5	45.5	71.7 Y-802.11a_5805MHz	-26.2	Horiz
^	17415.000 M	44.3	+0.0 +0.0 +42.4	+0.0 +12.5 +0.0	+0.0 -33.6 +0.4	+0.0 +1.5	-9.5	58.0	71.7 Y-802.11a_5805MHz	-13.7	Horiz
82	17411.333 M Ave	31.7	+0.0 +0.0 +42.4	+0.0 +12.5 +0.0	+0.0 -33.6 +0.4	+0.0 +1.5	-9.5	45.4	71.7 X_5805MHz	-26.3	Vert
^	17411.333 M	42.1	+0.0 +0.0 +42.4	+0.0 +12.5 +0.0	+0.0 -33.6 +0.4	+0.0 +1.5	-9.5	55.8	71.7 X_5805MHz	-15.9	Vert
84	17416.167 M Ave	31.6	+0.0 +0.0 +42.4	+0.0 +12.5 +0.0	+0.0 -33.6 +0.4	+0.0 +1.5	-9.5	45.3	71.7 Y-802.11a_5805MHz	-26.4	Vert
^	17416.167 M	41.1	+0.0 +0.0 +42.4	+0.0 +12.5 +0.0	+0.0 -33.6 +0.4	+0.0 +1.5	-9.5	54.8	71.7 Y-802.11a_5805MHz	-16.9	Vert
86	15600.000 M Ave	28.1	+0.0 +0.0 +38.0	+0.0 +11.8 +0.0	+0.0 -34.6 +0.5	+0.0 +1.4	+0.0	45.2	71.7 X_802.11a_5200MHz	-26.5	Vert
^	15600.000 M	42.2	+0.0 +0.0 +38.0	+0.0 +11.8 +0.0	+0.0 -34.6 +0.5	+0.0 +1.4	+0.0	59.3	71.7 Y_802.11a_5200MHz	-12.4	Vert
^	15600.000 M	40.3	+0.0 +0.0 +38.0	+0.0 +11.8 +0.0	+0.0 -34.6 +0.5	+0.0 +1.4	+0.0	57.4	71.7 X_802.11a_5200MHz	-14.3	Vert
89	10400.000 M Ave	33.3	+0.0 +0.0 +38.0	+0.0 +8.8 +0.0	+0.0 -36.2 +0.3	+0.0 +1.0	+0.0	45.2	71.7 X_802.11a_5200MHz	-26.5	Vert
90	10480.000 M Ave	33.1	+0.0 +0.0 +38.0	+0.0 +8.9 +0.0	+0.0 -36.2 +0.3	+0.0 +1.0	+0.0	45.1	71.7 X_802.11a_5240MHz	-26.6	Horiz
91	10358.500 M Ave	33.2	+0.0 +0.0 +38.0	+0.0 +8.8 +0.0	+0.0 -36.2 +0.3	+0.0 +1.0	+0.0	45.1	71.7 X_802.11a_5180MHz	-26.6	Horiz

^	10358.500 M	47.0	+0.0 +0.0 +38.0	+0.0 +8.8 +0.0	+0.0 -36.2 +0.3	+0.0 +1.0	+0.0	58.9	71.7 X_802.11a_5180MHz	-12.8	Horiz
93	11610.000 M Ave	31.1	+0.0 +0.0 +38.8	+0.0 +9.6 +0.0	+0.0 -35.9 +0.4	+0.0 +1.1	+0.0	45.1	71.7 Y-802.11a_5805MHz	-26.6	Horiz
^	11610.000 M	43.1	+0.0 +0.0 +38.8	+0.0 +9.6 +0.0	+0.0 -35.9 +0.4	+0.0 +1.1	+0.0	57.1	71.7 Y-802.11a_5805MHz	-14.6	Horiz
95	10479.000 M Ave	33.0	+0.0 +0.0 +38.0	+0.0 +8.9 +0.0	+0.0 -36.2 +0.3	+0.0 +1.0	+0.0	45.0	71.7 Z_802.11a_5240MHz	-26.7	Vert
^	10479.000 M	46.8	+0.0 +0.0 +38.0	+0.0 +8.9 +0.0	+0.0 -36.2 +0.3	+0.0 +1.0	+0.0	58.8	71.7 Z_802.11a_5240MHz	-12.9	Vert
97	10358.000 M Ave	33.1	+0.0 +0.0 +38.0	+0.0 +8.8 +0.0	+0.0 -36.2 +0.3	+0.0 +1.0	+0.0	45.0	71.7 X_802.11a_5180MHz	-26.7	Vert
^	10358.000 M	47.4	+0.0 +0.0 +38.0	+0.0 +8.8 +0.0	+0.0 -36.2 +0.3	+0.0 +1.0	+0.0	59.3	71.7 X_802.11a_5180MHz	-12.4	Vert
99	17301.000 M Ave	21.9	+0.0 +0.0 +41.9	+0.0 +12.5 +0.0	+0.0 -33.6 +0.3	+0.0 +1.5	+0.0	44.5	71.7 Z_802.11a_5765MHz	-27.2	Vert
^	17301.000 M	32.8	+0.0 +0.0 +41.9	+0.0 +12.5 +0.0	+0.0 -33.6 +0.3	+0.0 +1.5	+0.0	55.4	71.7 Z_802.11a_5765MHz	-16.3	Vert
101	10480.000 M Ave	32.4	+0.0 +0.0 +38.0	+0.0 +8.9 +0.0	+0.0 -36.2 +0.3	+0.0 +1.0	+0.0	44.4	71.7 Y_802.11a_5240MHz	-27.3	Horiz
^	10480.000 M	46.7	+0.0 +0.0 +38.0	+0.0 +8.9 +0.0	+0.0 -36.2 +0.3	+0.0 +1.0	+0.0	58.7	71.7 Z_802.11a_5240MHz	-13.0	Horiz
^	10480.000 M	45.9	+0.0 +0.0 +38.0	+0.0 +8.9 +0.0	+0.0 -36.2 +0.3	+0.0 +1.0	+0.0	57.9	71.7 X_802.11a_5240MHz	-13.8	Horiz
^	10480.000 M	44.8	+0.0 +0.0 +38.0	+0.0 +8.9 +0.0	+0.0 -36.2 +0.3	+0.0 +1.0	+0.0	56.8	71.7 Y_802.11a_5240MHz	-14.9	Horiz

105	10480.000 M Ave	32.3	+0.0 +0.0 +38.0	+0.0 +8.9 +0.0	+0.0 -36.2 +0.3	+0.0 +1.0	+0.0	44.3	71.7 X_802.11a_5240M Hz	-27.4	Vert
^	10480.000 M	43.4	+0.0 +0.0 +38.0	+0.0 +8.9 +0.0	+0.0 -36.2 +0.3	+0.0 +1.0	+0.0	55.4	71.7 X_802.11a_5240M Hz	-16.3	Vert
107	15720.000 M Ave	26.8	+0.0 +0.0 +38.0	+0.0 +11.8 +0.0	+0.0 -34.4 +0.5	+0.0 +1.4	+0.0	44.1	71.7 X_802.11a_5240M Hz	-27.6	Vert
108	15720.000 M Ave	26.7	+0.0 +0.0 +38.0	+0.0 +11.8 +0.0	+0.0 -34.4 +0.5	+0.0 +1.4	+0.0	44.0	71.7 X_802.11a_5240M Hz	-27.7	Horiz
^	15720.000 M	43.2	+0.0 +0.0 +38.0	+0.0 +11.8 +0.0	+0.0 -34.4 +0.5	+0.0 +1.4	+0.0	60.5	71.7 Z_802.11a_5240M Hz	-11.2	Horiz
^	15720.000 M	40.4	+0.0 +0.0 +38.0	+0.0 +11.8 +0.0	+0.0 -34.4 +0.5	+0.0 +1.4	+0.0	57.7	71.7 Y_802.11a_5240M Hz	-14.0	Horiz
^	15720.000 M	39.5	+0.0 +0.0 +38.0	+0.0 +11.8 +0.0	+0.0 -34.4 +0.5	+0.0 +1.4	+0.0	56.8	71.7 X_802.11a_5240M Hz	-14.9	Horiz
112	15540.000 M Ave	27.0	+0.0 +0.0 +38.0	+0.0 +11.7 +0.0	+0.0 -34.6 +0.5	+0.0 +1.4	+0.0	44.0	71.7 Y_802.11a_5180M Hz	-27.7	Horiz
^	15540.000 M	39.1	+0.0 +0.0 +38.0	+0.0 +11.7 +0.0	+0.0 -34.6 +0.5	+0.0 +1.4	+0.0	56.1	71.7 Y_802.11a_5180M Hz	-15.6	Horiz
114	15540.000 M Ave	27.0	+0.0 +0.0 +38.0	+0.0 +11.7 +0.0	+0.0 -34.6 +0.5	+0.0 +1.4	+0.0	44.0	71.7 Z_802.11a_5180M Hz	-27.7	Vert
^	15540.000 M	40.9	+0.0 +0.0 +38.0	+0.0 +11.7 +0.0	+0.0 -34.6 +0.5	+0.0 +1.4	+0.0	57.9	71.7 Y_802.11a_5180M Hz	-13.8	Vert
^	15540.000 M	39.5	+0.0 +0.0 +38.0	+0.0 +11.7 +0.0	+0.0 -34.6 +0.5	+0.0 +1.4	+0.0	56.5	71.7 Z_802.11a_5180M Hz	-15.2	Vert

117	11490.000 M Ave	29.5	+0.0 +0.0 +38.8	+0.0 +9.6 +0.0	+0.0 -35.9 +0.4	+0.0 +1.1	+0.0	43.5	71.7 Y_802.11a_5745M Hz	-28.2	Horiz
^	11490.000 M	48.5	+0.0 +0.0 +38.8	+0.0 +9.6 +0.0	+0.0 -35.9 +0.4	+0.0 +1.1	+0.0	62.5	71.7 X_802.11a_5745M Hz	-9.2	Horiz
^	11490.000 M	40.3	+0.0 +0.0 +38.8	+0.0 +9.6 +0.0	+0.0 -35.9 +0.4	+0.0 +1.1	+0.0	54.3	71.7 Y_802.11a_5745M Hz	-17.4	Horiz
120	15538.583 M Ave	26.5	+0.0 +0.0 +38.0	+0.0 +11.7 +0.0	+0.0 -34.6 +0.5	+0.0 +1.4	+0.0	43.5	71.7 X_802.11a_5180M Hz	-28.2	Vert
^	15538.583 M	38.0	+0.0 +0.0 +38.0	+0.0 +11.7 +0.0	+0.0 -34.6 +0.5	+0.0 +1.4	+0.0	55.0	71.7 X_802.11a_5180M Hz	-16.7	Vert
122	10399.167 M Ave	31.4	+0.0 +0.0 +38.0	+0.0 +8.8 +0.0	+0.0 -36.2 +0.3	+0.0 +1.0	+0.0	43.3	71.7 Z_802.11a_5200M Hz	-28.4	Vert
^	10399.167 M	43.1	+0.0 +0.0 +38.0	+0.0 +8.8 +0.0	+0.0 -36.2 +0.3	+0.0 +1.0	+0.0	55.0	71.7 Z_802.11a_5200M Hz	-16.7	Vert
124	15720.000 M Ave	25.6	+0.0 +0.0 +38.0	+0.0 +11.8 +0.0	+0.0 -34.4 +0.5	+0.0 +1.4	+0.0	42.9	71.7 Y_802.11a_5240M Hz	-28.8	Vert
^	15720.000 M	38.8	+0.0 +0.0 +38.0	+0.0 +11.8 +0.0	+0.0 -34.4 +0.5	+0.0 +1.4	+0.0	56.1	71.7 X_802.11a_5240M Hz	-15.6	Vert
^	15720.000 M	38.4	+0.0 +0.0 +38.0	+0.0 +11.8 +0.0	+0.0 -34.4 +0.5	+0.0 +1.4	+0.0	55.7	71.7 Y_802.11a_5240M Hz	-16.0	Vert
127	17235.000 M Ave	30.1	+0.0 +0.0 +41.6	+0.0 +12.5 +0.0	+0.0 -33.7 +0.3	+0.0 +1.5	-9.5	42.8	71.7 Y_802.11a_5745M Hz	-28.9	Horiz
^	17235.000 M	57.0	+0.0 +0.0 +41.6	+0.0 +12.5 +0.0	+0.0 -33.7 +0.3	+0.0 +1.5	-9.5	69.7	71.7 X_802.11a_5745M Hz	-2.0	Horiz
^	17235.000 M	44.8	+0.0 +0.0 +41.6	+0.0 +12.5 +0.0	+0.0 -33.7 +0.3	+0.0 +1.5	-9.5	57.5	71.7 Y_802.11a_5745M Hz	-14.2	Horiz

130	6986.667M Ave	36.2	+0.0 +0.0 +35.0	+0.0 +6.7 +0.0	+0.0 -36.4 +0.5	+0.0 +0.8	+0.0	42.8	71.7	-28.9 Z_802.11a_5240M Hz	Vert
^	6986.667M	42.9	+0.0 +0.0 +35.0	+0.0 +6.7 +0.0	+0.0 -36.4 +0.5	+0.0 +0.8	+0.0	49.5	71.7	-22.2 Z_802.11a_5240M Hz	Vert
132	10360.000 M Ave	30.9	+0.0 +0.0 +38.0	+0.0 +8.8 +0.0	+0.0 -36.2 +0.3	+0.0 +1.0	+0.0	42.8	71.7	-28.9 Y_802.11a_5180M Hz	Horiz
^	10360.000 M	42.8	+0.0 +0.0 +38.0	+0.0 +8.8 +0.0	+0.0 -36.2 +0.3	+0.0 +1.0	+0.0	54.7	71.7	-17.0 Y_802.11a_5180M Hz	Horiz
134	550.000M QP	47.3	+0.0 -27.6 +0.0	+18.4 +0.0 +0.0	+0.4 +0.0 +0.0	+4.3 +0.0	+0.0	42.8	71.7	-28.9	Horiz
135	15600.000 M Ave	25.5	+0.0 +0.0 +38.0	+0.0 +11.8 +0.0	+0.0 -34.6 +0.5	+0.0 +1.4	+0.0	42.6	71.7	-29.1 X_802.11a_5200M Hz	Horiz
^	15600.000 M	45.3	+0.0 +0.0 +38.0	+0.0 +11.8 +0.0	+0.0 -34.6 +0.5	+0.0 +1.4	+0.0	62.4	71.7	-9.3 Z_802.11a_5200M Hz	Horiz
^	15600.000 M	42.7	+0.0 +0.0 +38.0	+0.0 +11.8 +0.0	+0.0 -34.6 +0.5	+0.0 +1.4	+0.0	59.8	71.7	-11.9 Y_802.11a_5200M Hz	Horiz
^	15600.000 M	38.1	+0.0 +0.0 +38.0	+0.0 +11.8 +0.0	+0.0 -34.6 +0.5	+0.0 +1.4	+0.0	55.2	71.7	-16.5 X_802.11a_5200M Hz	Horiz
139	15602.500 M Ave	25.5	+0.0 +0.0 +38.0	+0.0 +11.8 +0.0	+0.0 -34.6 +0.5	+0.0 +1.4	+0.0	42.6	71.7	-29.1 Z_802.11a_5200M Hz	Vert
^	15602.500 M	37.3	+0.0 +0.0 +38.0	+0.0 +11.8 +0.0	+0.0 -34.6 +0.5	+0.0 +1.4	+0.0	54.4	71.7	-17.3 Z_802.11a_5200M Hz	Vert
141	10483.333 M Ave	30.6	+0.0 +0.0 +38.0	+0.0 +8.9 +0.0	+0.0 -36.2 +0.3	+0.0 +1.0	+0.0	42.6	71.7	-29.1 Y_802.11a_5240M Hz	Vert
^	10483.333 M	44.7	+0.0 +0.0 +38.0	+0.0 +8.9 +0.0	+0.0 -36.2 +0.3	+0.0 +1.0	+0.0	56.7	71.7	-15.0 Y_802.11a_5240M Hz	Vert

143	15719.000 M Ave	25.2	+0.0 +0.0 +38.0	+0.0 +11.8 +0.0	+0.0 -34.4 +0.5	+0.0 +1.4	+0.0	42.5	71.7 Z_802.11a_5240MHz	-29.2	Vert
^	15719.000 M	36.2	+0.0 +0.0 +38.0	+0.0 +11.8 +0.0	+0.0 -34.4 +0.5	+0.0 +1.4	+0.0	53.5	71.7 Z_802.11a_5240MHz	-18.2	Vert
145	550.000M QP	47.0	+0.0 -27.6 +0.0	+18.4 +0.0 +0.0	+0.4 +0.0 +0.0	+4.3 +0.0	+0.0	42.5	71.7	-29.2	Horiz
^	550.000M	49.6	+0.0 -27.6 +0.0	+18.4 +0.0 +0.0	+0.4 +0.0 +0.0	+4.3 +0.0	+0.0	45.1	71.7	-26.6	Horiz
^	550.000M	48.3	+0.0 -27.6 +0.0	+18.4 +0.0 +0.0	+0.4 +0.0 +0.0	+4.3 +0.0	+0.0	43.8	71.7	-27.9	Horiz
^	549.998M	36.4	+0.0 -27.6 +0.0	+18.4 +0.0 +0.0	+0.4 +0.0 +0.0	+4.3 +0.0	+0.0	31.9	71.7	-39.8	Horiz
149	6933.483M Ave	36.1	+0.0 +0.0 +34.9	+0.0 +6.7 +0.0	+0.0 -36.5 +0.5	+0.0 +0.8	+0.0	42.5	71.7 Z_802.11a_5200MHz	-29.2	Vert
^	6933.483M	44.1	+0.0 +0.0 +34.9	+0.0 +6.7 +0.0	+0.0 -36.5 +0.5	+0.0 +0.8	+0.0	50.5	71.7 Z_802.11a_5200MHz	-21.2	Vert
151	10360.000 M Ave	30.5	+0.0 +0.0 +38.0	+0.0 +8.8 +0.0	+0.0 -36.2 +0.3	+0.0 +1.0	+0.0	42.4	71.7 Z_802.11a_5180MHz	-29.3	Vert
152	15538.580 M Ave	25.4	+0.0 +0.0 +38.0	+0.0 +11.7 +0.0	+0.0 -34.6 +0.5	+0.0 +1.4	+0.0	42.4	71.7 X_802.11a_5180MHz	-29.3	Horiz
^	15538.580 M	37.1	+0.0 +0.0 +38.0	+0.0 +11.7 +0.0	+0.0 -34.6 +0.5	+0.0 +1.4	+0.0	54.1	71.7 X_802.11a_5180MHz	-17.6	Horiz
154	10400.000 M Ave	30.4	+0.0 +0.0 +38.0	+0.0 +8.8 +0.0	+0.0 -36.2 +0.3	+0.0 +1.0	+0.0	42.3	71.7 Y_802.11a_5200MHz	-29.4	Vert
^	10400.000 M	46.0	+0.0 +0.0 +38.0	+0.0 +8.8 +0.0	+0.0 -36.2 +0.3	+0.0 +1.0	+0.0	57.9	71.7 X_802.11a_5200MHz	-13.8	Vert
^	10400.000 M	40.5	+0.0 +0.0 +38.0	+0.0 +8.8 +0.0	+0.0 -36.2 +0.3	+0.0 +1.0	+0.0	52.4	71.7 Y_802.11a_5200MHz	-19.3	Vert

157	10360.000 M Ave	30.3	+0.0 +0.0 +38.0	+0.0 +8.8 +0.0	+0.0 -36.2 +0.3	+0.0 +1.0	+0.0	42.2	71.7 Y_802.11a_5180MHz	-29.5	Vert
^	10360.000 M	43.3	+0.0 +0.0 +38.0	+0.0 +8.8 +0.0	+0.0 -36.2 +0.3	+0.0 +1.0	+0.0	55.2	71.7 Z_802.11a_5180MHz	-16.5	Vert
^	10360.000 M	43.3	+0.0 +0.0 +38.0	+0.0 +8.8 +0.0	+0.0 -36.2 +0.3	+0.0 +1.0	+0.0	55.2	71.7 Y_802.11a_5180MHz	-16.5	Vert
160	800.000M QP	40.3	+0.0 -27.2 +0.0	+22.5 +0.0 +0.0	+0.4 +0.0 +0.0	+5.3 +0.0	+0.0	41.3	71.7	-30.4	Horiz
161	6933.333M Ave	34.5	+0.0 +0.0 +34.9	+0.0 +6.7 +0.0	+0.0 -36.5 +0.5	+0.0 +0.8	+0.0	40.9	71.7 Y_802.11a_5200MHz	-30.8	Horiz
^	6933.333M	42.4	+0.0 +0.0 +34.9	+0.0 +6.7 +0.0	+0.0 -36.5 +0.5	+0.0 +0.8	+0.0	48.8	71.7 Y_802.11a_5200MHz	-22.9	Horiz
163	10400.000 M Ave	28.9	+0.0 +0.0 +38.0	+0.0 +8.8 +0.0	+0.0 -36.2 +0.3	+0.0 +1.0	+0.0	40.8	71.7 X_802.11a_5200MHz	-30.9	Horiz
^	10400.000 M	48.7	+0.0 +0.0 +38.0	+0.0 +8.8 +0.0	+0.0 -36.2 +0.3	+0.0 +1.0	+0.0	60.6	71.7 Z_802.11a_5200MHz	-11.1	Horiz
^	10400.000 M	46.5	+0.0 +0.0 +38.0	+0.0 +8.8 +0.0	+0.0 -36.2 +0.3	+0.0 +1.0	+0.0	58.4	71.7 Y_802.11a_5200MHz	-13.3	Horiz
^	10400.000 M	42.6	+0.0 +0.0 +38.0	+0.0 +8.8 +0.0	+0.0 -36.2 +0.3	+0.0 +1.0	+0.0	54.5	71.7 X_802.11a_5200MHz	-17.2	Horiz
167	17292.800 M Ave	33.0	+0.0 +0.0 +41.9	+0.0 +12.5 +0.0	+0.0 -33.6 +0.3	+0.0 +1.5	-10.0	45.6	76.5 Y_802.11a_5765MHz	-30.9	Horiz
^	17292.800 M	45.9	+0.0 +0.0 +41.9	+0.0 +12.5 +0.0	+0.0 -33.6 +0.3	+0.0 +1.5	-10.0	58.5	76.5 Y_802.11a_5765MHz	-18.0	Horiz

169	6906.500M Ave	34.0	+0.0 +0.0 +34.9	+0.0 +6.7 +0.0	+0.0 -36.5 +0.5	+0.0 +0.8	+0.0	40.4	71.7 Y_802.11a_5180M Hz	-31.3	Horiz
^	6906.567M	47.6	+0.0 +0.0 +34.9	+0.0 +6.7 +0.0	+0.0 -36.5 +0.5	+0.0 +0.8	+0.0	54.0	71.7 Z_802.11a_5180M Hz	-17.7	Horiz
^	6906.500M	43.5	+0.0 +0.0 +34.9	+0.0 +6.7 +0.0	+0.0 -36.5 +0.5	+0.0 +0.8	+0.0	49.9	71.7 Y_802.11a_5180M Hz	-21.8	Horiz
172	6986.633M Ave	33.8	+0.0 +0.0 +35.0	+0.0 +6.7 +0.0	+0.0 -36.4 +0.5	+0.0 +0.8	+0.0	40.4	71.7 Y_802.11a_5240M Hz	-31.3	Horiz
^	6986.667M	47.0	+0.0 +0.0 +35.0	+0.0 +6.7 +0.0	+0.0 -36.4 +0.5	+0.0 +0.8	+0.0	53.6	71.7 Z_802.11a_5240M Hz	-18.1	Horiz
^	6986.633M	42.6	+0.0 +0.0 +35.0	+0.0 +6.7 +0.0	+0.0 -36.4 +0.5	+0.0 +0.8	+0.0	49.2	71.7 Y_802.11a_5240M Hz	-22.5	Horiz
175	22973.333 M Ave	40.4	+0.0 +0.0 +0.0	+0.0 +0.0 +39.7	+0.0 -32.4 +0.0	+0.0 +1.7	-9.5	39.9	71.7	-31.8	Vert
^	22973.333 M	54.0	+0.0 +0.0 +0.0	+0.0 +0.0 +39.7	+0.0 -32.4 +0.0	+0.0 +1.7	-9.5	53.5	71.7	-18.2	Vert
177	258.970M	44.6	+19.5 -27.7 +0.0	+0.0 +0.0 +0.0	+0.3 +0.0 +0.0	+2.8 +0.0	+0.0	39.5	71.7	-32.2	Horiz
178	256.990M	44.7	+19.3 -27.7 +0.0	+0.0 +0.0 +0.0	+0.3 +0.0 +0.0	+2.8 +0.0	+0.0	39.4	71.7	-32.3	Horiz
179	257.010M	44.6	+19.3 -27.7 +0.0	+0.0 +0.0 +0.0	+0.3 +0.0 +0.0	+2.8 +0.0	+0.0	39.3	71.7	-32.4	Vert
180	259.030M	44.2	+19.5 -27.7 +0.0	+0.0 +0.0 +0.0	+0.3 +0.0 +0.0	+2.8 +0.0	+0.0	39.1	71.7	-32.6	Vert
181	550.000M QP	43.4	+0.0 -27.6 +0.0	+18.4 +0.0 +0.0	+0.4 +0.0 +0.0	+4.3 +0.0	+0.0	38.9	71.7	-32.8	Vert
^	550.000M	45.2	+0.0 -27.6 +0.0	+18.4 +0.0 +0.0	+0.4 +0.0 +0.0	+4.3 +0.0	+0.0	40.7	71.7	-31.0	Vert
^	550.000M	42.0	+0.0 -27.6 +0.0	+18.4 +0.0 +0.0	+0.4 +0.0 +0.0	+4.3 +0.0	+0.0	37.5	71.7	-34.2	Vert
^	550.000M	41.2	+0.0 -27.6 +0.0	+18.4 +0.0 +0.0	+0.4 +0.0 +0.0	+4.3 +0.0	+0.0	36.7	71.7	-35.0	Vert

185	800.000M QP	37.7	+0.0 -27.2 +0.0	+22.5 +0.0 +0.0	+0.4 +0.0 +0.0	+5.3 +0.0	+0.0	38.7	71.7	-33.0	Vert
^	800.000M	40.9	+0.0 -27.2 +0.0	+22.5 +0.0 +0.0	+0.4 +0.0 +0.0	+5.3 +0.0	+0.0	41.9	71.7	-29.8	Vert
^	800.000M	39.9	+0.0 -27.2 +0.0	+22.5 +0.0 +0.0	+0.4 +0.0 +0.0	+5.3 +0.0	+0.0	40.9	71.7	-30.8	Vert
^	800.000M	37.6	+0.0 -27.2 +0.0	+22.5 +0.0 +0.0	+0.4 +0.0 +0.0	+5.3 +0.0	+0.0	38.6	71.7	-33.1	Vert
189	375.001M	45.2	+0.0 -27.8 +0.0	+17.3 +0.0 +0.0	+0.4 +0.0 +0.0	+3.5 +0.0	+0.0	38.6	71.7	-33.1	Vert
190	464.949M	45.0	+0.0 -27.8 +0.0	+16.8 +0.0 +0.0	+0.3 +0.0 +0.0	+3.9 +0.0	+0.0	38.2	71.7	-33.5	Vert
191	23226.667 M Ave	38.6	+0.0 +0.0 +0.0	+0.0 +0.0 +39.8	+0.0 -32.5 +0.0	+0.0 +1.7	-9.5	38.1	71.7	-33.6	Vert
^	23226.667 M	51.1	+0.0 +0.0 +0.0	+0.0 +0.0 +39.8	+0.0 -32.5 +0.0	+0.0 +1.7	-9.5	50.6	71.7	-21.1	Vert
193	251.020M	44.0	+18.6 -27.7 +0.0	+0.0 +0.0 +0.0	+0.3 +0.0 +0.0	+2.8 +0.0	+0.0	38.0	71.7	-33.7	Horiz
194	251.010M	43.9	+18.6 -27.7 +0.0	+0.0 +0.0 +0.0	+0.3 +0.0 +0.0	+2.8 +0.0	+0.0	37.9	71.7	-33.8	Vert
195	849.960M	35.4	+0.0 -27.0 +0.0	+23.2 +0.0 +0.0	+0.7 +0.0 +0.0	+5.5 +0.0	+0.0	37.8	71.7	-33.9	Horiz
196	250.990M	43.6	+18.6 -27.7 +0.0	+0.0 +0.0 +0.0	+0.3 +0.0 +0.0	+2.8 +0.0	+0.0	37.6	71.7	-34.1	Horiz
197	800.010M QP	36.6	+0.0 -27.2 +0.0	+22.5 +0.0 +0.0	+0.4 +0.0 +0.0	+5.3 +0.0	+0.0	37.6	71.7	-34.1	Horiz
^	800.000M	43.3	+0.0 -27.2 +0.0	+22.5 +0.0 +0.0	+0.4 +0.0 +0.0	+5.3 +0.0	+0.0	44.3	71.7	-27.4	Horiz
^	800.000M	41.6	+0.0 -27.2 +0.0	+22.5 +0.0 +0.0	+0.4 +0.0 +0.0	+5.3 +0.0	+0.0	42.6	71.7	-29.1	Horiz
^	800.010M	40.1	+0.0 -27.2 +0.0	+22.5 +0.0 +0.0	+0.4 +0.0 +0.0	+5.3 +0.0	+0.0	41.1	71.7	-30.6	Horiz

201	449.983M	44.1	+0.0 -27.8 +0.0	+16.6 +0.0 +0.0	+0.3 +0.0 +0.0	+3.8 +0.0	+0.0	37.0	71.7	-34.7	Horiz
202	23063.333 M Ave	37.5	+0.0 +0.0 +0.0	+0.0 +0.0 +39.7	+0.0 -32.4 +0.0	+0.0 +1.7	-9.5	37.0	71.7	-34.7	Vert
203	900.000M	33.8	+0.0 -27.2 +0.0	+23.8 +0.0 +0.0	+0.7 +0.0 +0.0	+5.7 +0.0	+0.0	36.8	71.7	-34.9	Vert
204	267.020M	40.9	+20.3 -27.8 +0.0	+0.0 +0.0 +0.0	+0.3 +0.0 +0.0	+2.9 +0.0	+0.0	36.6	71.7	-35.1	Horiz
205	225.020M	43.4	+17.9 -27.9 +0.0	+0.0 +0.0 +0.0	+0.3 +0.0 +0.0	+2.6 +0.0	+0.0	36.3	71.7	-35.4	Vert
206	449.966M	43.2	+0.0 -27.8 +0.0	+16.6 +0.0 +0.0	+0.3 +0.0 +0.0	+3.8 +0.0	+0.0	36.1	71.7	-35.6	Vert
207	399.966M QP	44.0	+0.0 -27.8 +0.0	+15.7 +0.0 +0.0	+0.4 +0.0 +0.0	+3.6 +0.0	+0.0	35.9	71.7	-35.8	Vert
^	399.966M	47.4	+0.0 -27.8 +0.0	+15.7 +0.0 +0.0	+0.4 +0.0 +0.0	+3.6 +0.0	+0.0	39.3	71.7	-32.4	Vert
209	700.000M	34.2	+0.0 -27.3 +0.0	+23.5 +0.0 +0.0	+0.5 +0.0 +0.0	+4.9 +0.0	+0.0	35.8	71.7	-35.9	Vert
210	225.000M	42.8	+17.9 -27.9 +0.0	+0.0 +0.0 +0.0	+0.3 +0.0 +0.0	+2.6 +0.0	+0.0	35.7	71.7	-36.0	Horiz
211	500.000M	41.5	+0.0 -27.8 +0.0	+17.4 +0.0 +0.0	+0.4 +0.0 +0.0	+4.1 +0.0	+0.0	35.6	71.7	-36.1	Vert
212	20973.333 M Ave	36.7	+0.0 +0.0 +0.0	+0.0 +0.0 +39.6	+0.0 -32.9 +0.0	+0.0 +1.6	-9.5	35.5	71.7	-36.2	Vert
^	20973.333 M	54.4	+0.0 +0.0 +0.0	+0.0 +0.0 +39.6	+0.0 -32.9 +0.0	+0.0 +1.6	-9.5	53.2	71.7	-18.5	Vert
214	349.994M	40.5	+0.0 -27.8 +0.0	+18.9 +0.0 +0.0	+0.3 +0.0 +0.0	+3.3 +0.0	+0.0	35.2	71.7	-36.5	Horiz
215	124.510M	44.9	+15.9 -27.9 +0.0	+0.0 +0.0 +0.0	+0.2 +0.0 +0.0	+1.8 +0.0	+0.0	34.9	71.7	-36.8	Horiz
216	700.017M	33.2	+0.0 -27.3 +0.0	+23.5 +0.0 +0.0	+0.5 +0.0 +0.0	+4.9 +0.0	+0.0	34.8	71.7	-36.9	Horiz
217	599.983M	37.7	+0.0 -27.4 +0.0	+19.4 +0.0 +0.0	+0.5 +0.0 +0.0	+4.5 +0.0	+0.0	34.7	71.7	-37.0	Horiz

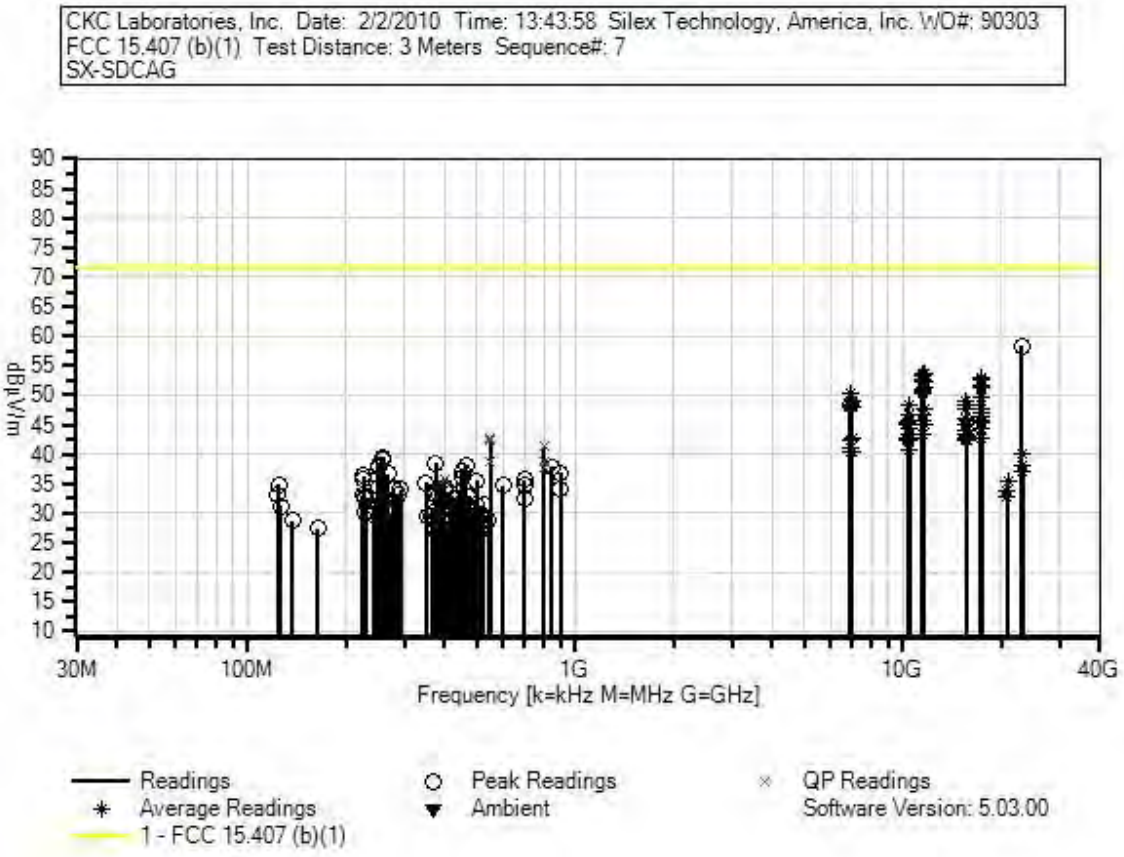
218	399.992M	42.4	+0.0 -27.8 +0.0	+15.7 +0.0 +0.0	+0.4 +0.0 +0.0	+3.6 +0.0	+0.0	34.3	71.7	-37.4	Horiz
219	250.980M	40.3	+18.6 -27.7 +0.0	+0.0 +0.0 +0.0	+0.3 +0.0 +0.0	+2.8 +0.0	+0.0	34.3	71.7	-37.4	Vert
220	900.010M	31.2	+0.0 -27.2 +0.0	+23.8 +0.0 +0.0	+0.7 +0.0 +0.0	+5.7 +0.0	+0.0	34.2	71.7	-37.5	Horiz
221	292.520M	35.8	+22.8 -27.8 +0.0	+0.0 +0.0 +0.0	+0.3 +0.0 +0.0	+3.0 +0.0	+0.0	34.1	71.7	-37.6	Horiz
222	279.010M	37.2	+21.5 -27.8 +0.0	+0.0 +0.0 +0.0	+0.3 +0.0 +0.0	+2.9 +0.0	+0.0	34.1	71.7	-37.6	Vert
223	400.007M	42.0	+0.0 -27.8 +0.0	+15.7 +0.0 +0.0	+0.4 +0.0 +0.0	+3.6 +0.0	+0.0	33.9	71.7	-37.8	Horiz
224	20800.000 M Ave	35.0	+0.0 +0.0 +0.0	+0.0 +0.0 +39.6	+0.0 -32.9 +0.0	+0.0 +1.6	-9.5	33.8	71.7	-37.9	Vert
^	20800.000 M	45.4	+0.0 +0.0 +0.0	+0.0 +0.0 +39.6	+0.0 -32.9 +0.0	+0.0 +1.6	-9.5	44.2	71.7	-27.5	Vert
226	375.000M	40.2	+0.0 -27.8 +0.0	+17.3 +0.0 +0.0	+0.4 +0.0 +0.0	+3.5 +0.0	+0.0	33.6	71.7	-38.1	Horiz
227	442.999M	40.5	+0.0 -27.8 +0.0	+16.5 +0.0 +0.0	+0.3 +0.0 +0.0	+3.8 +0.0	+0.0	33.3	71.7	-38.4	Vert
228	415.030M	41.0	+0.0 -27.8 +0.0	+16.0 +0.0 +0.0	+0.4 +0.0 +0.0	+3.7 +0.0	+0.0	33.3	71.7	-38.4	Vert
229	384.033M	40.5	+0.0 -27.8 +0.0	+16.7 +0.0 +0.0	+0.4 +0.0 +0.0	+3.5 +0.0	+0.0	33.3	71.7	-38.4	Horiz
230	224.960M	40.2	+17.9 -27.9 +0.0	+0.0 +0.0 +0.0	+0.3 +0.0 +0.0	+2.6 +0.0	+0.0	33.1	71.7	-38.6	Horiz
231	123.840M	43.2	+15.8 -27.9 +0.0	+0.0 +0.0 +0.0	+0.2 +0.0 +0.0	+1.8 +0.0	+0.0	33.1	71.7	-38.6	Vert
232	374.083M	39.9	+0.0 -27.8 +0.0	+17.3 +0.0 +0.0	+0.3 +0.0 +0.0	+3.4 +0.0	+0.0	33.1	71.7	-38.6	Horiz
233	287.000M	35.4	+22.3 -27.8 +0.0	+0.0 +0.0 +0.0	+0.3 +0.0 +0.0	+2.9 +0.0	+0.0	33.1	71.7	-38.6	Vert
234	475.883M	39.4	+0.0 -27.8 +0.0	+17.0 +0.0 +0.0	+0.4 +0.0 +0.0	+4.0 +0.0	+0.0	33.0	71.7	-38.7	Horiz

235	473.982M	39.5	+0.0 -27.8 +0.0	+17.0 +0.0 +0.0	+0.3 +0.0 +0.0	+3.9 +0.0	+0.0	32.9	71.7	-38.8	Vert
236	229.010M	39.8	+18.0 -27.9 +0.0	+0.0 +0.0 +0.0	+0.3 +0.0 +0.0	+2.6 +0.0	+0.0	32.8	71.7	-38.9	Vert
237	20720.000 M Ave	33.8	+0.0 +0.0 +0.0	+0.0 +0.0 +39.6	+0.0 -32.8 +0.0	+0.0 +1.6	-9.5	32.7	71.7	-39.0	Vert
^	20720.000 M	48.2	+0.0 +0.0 +0.0	+0.0 +0.0 +39.6	+0.0 -32.8 +0.0	+0.0 +1.6	-9.5	47.1	71.7	-24.6	Vert
239	424.075M	40.1	+0.0 -27.8 +0.0	+16.1 +0.0 +0.0	+0.4 +0.0 +0.0	+3.7 +0.0	+0.0	32.5	71.7	-39.2	Horiz
240	229.030M	39.5	+18.0 -27.9 +0.0	+0.0 +0.0 +0.0	+0.3 +0.0 +0.0	+2.6 +0.0	+0.0	32.5	71.7	-39.2	Horiz
241	700.033M	30.8	+0.0 -27.3 +0.0	+23.5 +0.0 +0.0	+0.5 +0.0 +0.0	+4.9 +0.0	+0.0	32.4	71.7	-39.3	Horiz
242	427.049M	39.9	+0.0 -27.8 +0.0	+16.2 +0.0 +0.0	+0.3 +0.0 +0.0	+3.7 +0.0	+0.0	32.3	71.7	-39.4	Vert
243	259.005M	37.0	+19.5 -27.7 +0.0	+0.0 +0.0 +0.0	+0.3 +0.0 +0.0	+2.8 +0.0	+0.0	31.9	71.7	-39.8	Vert
244	456.966M	38.9	+0.0 -27.8 +0.0	+16.7 +0.0 +0.0	+0.3 +0.0 +0.0	+3.8 +0.0	+0.0	31.9	71.7	-39.8	Vert
245	499.997M	37.3	+0.0 -27.8 +0.0	+17.4 +0.0 +0.0	+0.4 +0.0 +0.0	+4.1 +0.0	+0.0	31.4	71.7	-40.3	Horiz
246	524.942M	36.6	+0.0 -27.7 +0.0	+17.9 +0.0 +0.0	+0.4 +0.0 +0.0	+4.2 +0.0	+0.0	31.4	71.7	-40.3	Horiz
247	450.008M	38.3	+0.0 -27.8 +0.0	+16.6 +0.0 +0.0	+0.3 +0.0 +0.0	+3.8 +0.0	+0.0	31.2	71.7	-40.5	Horiz
248	464.433M	38.0	+0.0 -27.8 +0.0	+16.8 +0.0 +0.0	+0.3 +0.0 +0.0	+3.9 +0.0	+0.0	31.2	71.7	-40.5	Horiz
249	126.130M	40.9	+16.2 -27.9 +0.0	+0.0 +0.0 +0.0	+0.2 +0.0 +0.0	+1.8 +0.0	+0.0	31.2	71.7	-40.5	Horiz
250	426.200M	38.8	+0.0 -27.8 +0.0	+16.2 +0.0 +0.0	+0.3 +0.0 +0.0	+3.7 +0.0	+0.0	31.2	71.7	-40.5	Vert
251	432.930M	38.6	+0.0 -27.8 +0.0	+16.3 +0.0 +0.0	+0.3 +0.0 +0.0	+3.7 +0.0	+0.0	31.1	71.7	-40.6	Vert

252	240.990M	37.6	+18.3 -27.8 +0.0	+0.0 +0.0 +0.0	+0.3 +0.0 +0.0	+2.7 +0.0	+0.0	31.1	71.7	-40.6	Vert
253	251.010M	37.1	+18.6 -27.7 +0.0	+0.0 +0.0 +0.0	+0.3 +0.0 +0.0	+2.8 +0.0	+0.0	31.1	71.7	-40.6	Vert
254	424.100M	38.1	+0.0 -27.8 +0.0	+16.1 +0.0 +0.0	+0.4 +0.0 +0.0	+3.7 +0.0	+0.0	30.5	71.7	-41.2	Vert
255	228.950M	37.3	+18.0 -27.9 +0.0	+0.0 +0.0 +0.0	+0.3 +0.0 +0.0	+2.6 +0.0	+0.0	30.3	71.7	-41.4	Vert
256	367.550M	36.4	+0.0 -27.8 +0.0	+17.8 +0.0 +0.0	+0.3 +0.0 +0.0	+3.4 +0.0	+0.0	30.1	71.7	-41.6	Vert
257	255.020M	35.7	+19.0 -27.7 +0.0	+0.0 +0.0 +0.0	+0.3 +0.0 +0.0	+2.8 +0.0	+0.0	30.1	71.7	-41.6	Vert
258	241.000M	36.5	+18.3 -27.8 +0.0	+0.0 +0.0 +0.0	+0.3 +0.0 +0.0	+2.7 +0.0	+0.0	30.0	71.7	-41.7	Vert
259	269.010M	34.1	+20.5 -27.8 +0.0	+0.0 +0.0 +0.0	+0.3 +0.0 +0.0	+2.9 +0.0	+0.0	30.0	71.7	-41.7	Vert
260	386.442M	37.3	+0.0 -27.8 +0.0	+16.5 +0.0 +0.0	+0.4 +0.0 +0.0	+3.5 +0.0	+0.0	29.9	71.7	-41.8	Horiz
261	510.970M	35.6	+0.0 -27.8 +0.0	+17.6 +0.0 +0.0	+0.4 +0.0 +0.0	+4.1 +0.0	+0.0	29.9	71.7	-41.8	Vert
262	364.900M	35.9	+0.0 -27.8 +0.0	+17.9 +0.0 +0.0	+0.3 +0.0 +0.0	+3.4 +0.0	+0.0	29.7	71.7	-42.0	Vert
263	352.017M	35.0	+0.0 -27.8 +0.0	+18.8 +0.0 +0.0	+0.3 +0.0 +0.0	+3.3 +0.0	+0.0	29.6	71.7	-42.1	Horiz
264	491.970M	35.6	+0.0 -27.8 +0.0	+17.3 +0.0 +0.0	+0.4 +0.0 +0.0	+4.1 +0.0	+0.0	29.6	71.7	-42.1	Vert
265	515.066M	34.9	+0.0 -27.7 +0.0	+17.7 +0.0 +0.0	+0.4 +0.0 +0.0	+4.2 +0.0	+0.0	29.5	71.7	-42.2	Vert
266	380.983M	36.5	+0.0 -27.8 +0.0	+16.9 +0.0 +0.0	+0.4 +0.0 +0.0	+3.5 +0.0	+0.0	29.5	71.7	-42.2	Vert
267	476.275M	35.8	+0.0 -27.8 +0.0	+17.0 +0.0 +0.0	+0.4 +0.0 +0.0	+4.0 +0.0	+0.0	29.4	71.7	-42.3	Horiz
268	523.770M	34.3	+0.0 -27.7 +0.0	+17.9 +0.0 +0.0	+0.4 +0.0 +0.0	+4.2 +0.0	+0.0	29.1	71.7	-42.6	Vert

269	480.130M	35.2	+0.0 -27.8 +0.0	+17.1 +0.0 +0.0	+0.4 +0.0 +0.0	+4.0 +0.0	+0.0	28.9	71.7	-42.8	Vert
270	542.030M	33.5	+0.0 -27.6 +0.0	+18.3 +0.0 +0.0	+0.4 +0.0 +0.0	+4.3 +0.0	+0.0	28.9	71.7	-42.8	Vert
271	437.449M	36.1	+0.0 -27.8 +0.0	+16.4 +0.0 +0.0	+0.3 +0.0 +0.0	+3.8 +0.0	+0.0	28.8	71.7	-42.9	Vert
272	375.418M	35.4	+0.0 -27.8 +0.0	+17.2 +0.0 +0.0	+0.4 +0.0 +0.0	+3.5 +0.0	+0.0	28.7	71.7	-43.0	Horiz
273	137.190M	36.8	+17.6 -27.9 +0.0	+0.0 +0.0 +0.0	+0.3 +0.0 +0.0	+1.9 +0.0	+0.0	28.7	71.7	-43.0	Horiz
274	436.950M	36.0	+0.0 -27.8 +0.0	+16.4 +0.0 +0.0	+0.3 +0.0 +0.0	+3.8 +0.0	+0.0	28.7	71.7	-43.0	Horiz
275	410.999M	36.5	+0.0 -27.8 +0.0	+15.9 +0.0 +0.0	+0.4 +0.0 +0.0	+3.6 +0.0	+0.0	28.6	71.7	-43.1	Vert
276	393.017M	36.3	+0.0 -27.8 +0.0	+16.1 +0.0 +0.0	+0.4 +0.0 +0.0	+3.6 +0.0	+0.0	28.6	71.7	-43.1	Vert
277	467.370M	35.0	+0.0 -27.8 +0.0	+16.9 +0.0 +0.0	+0.3 +0.0 +0.0	+3.9 +0.0	+0.0	28.3	71.7	-43.4	Vert
278	524.283M	33.2	+0.0 -27.7 +0.0	+17.9 +0.0 +0.0	+0.4 +0.0 +0.0	+4.2 +0.0	+0.0	28.0	71.7	-43.7	Horiz
279	369.690M	34.1	+0.0 -27.8 +0.0	+17.6 +0.0 +0.0	+0.3 +0.0 +0.0	+3.4 +0.0	+0.0	27.6	71.7	-44.1	Horiz
280	450.563M	34.6	+0.0 -27.8 +0.0	+16.6 +0.0 +0.0	+0.3 +0.0 +0.0	+3.8 +0.0	+0.0	27.5	71.7	-44.2	Horiz
281	163.090M	34.5	+18.5 -27.9 +0.0	+0.0 +0.0 +0.0	+0.3 +0.0 +0.0	+2.1 +0.0	+0.0	27.5	71.7	-44.2	Horiz
282	462.825M	33.4	+0.0 -27.8 +0.0	+16.8 +0.0 +0.0	+0.3 +0.0 +0.0	+3.9 +0.0	+0.0	26.6	71.7	-45.1	Horiz
283	487.366M	32.8	+0.0 -27.8 +0.0	+17.2 +0.0 +0.0	+0.4 +0.0 +0.0	+4.0 +0.0	+0.0	26.6	71.7	-45.1	Vert

284	379.917M	33.4	+0.0 -27.8 +0.0	+17.0 +0.0 +0.0	+0.4 +0.0 +0.0	+3.5 +0.0	+0.0	26.5	71.7	-45.2	Horiz
285	502.966M	32.2	+0.0 -27.8 +0.0	+17.5 +0.0 +0.0	+0.4 +0.0 +0.0	+4.1 +0.0	+0.0	26.4	71.7	-45.3	Vert
286	420.017M	34.0	+0.0 -27.8 +0.0	+16.1 +0.0 +0.0	+0.4 +0.0 +0.0	+3.7 +0.0	+0.0	26.4	71.7	-45.3	Horiz

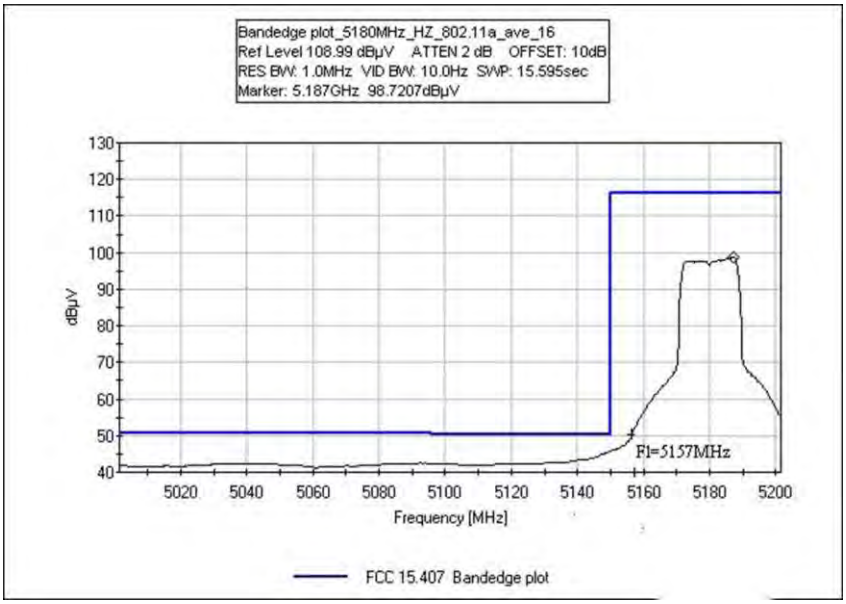


Band Edge

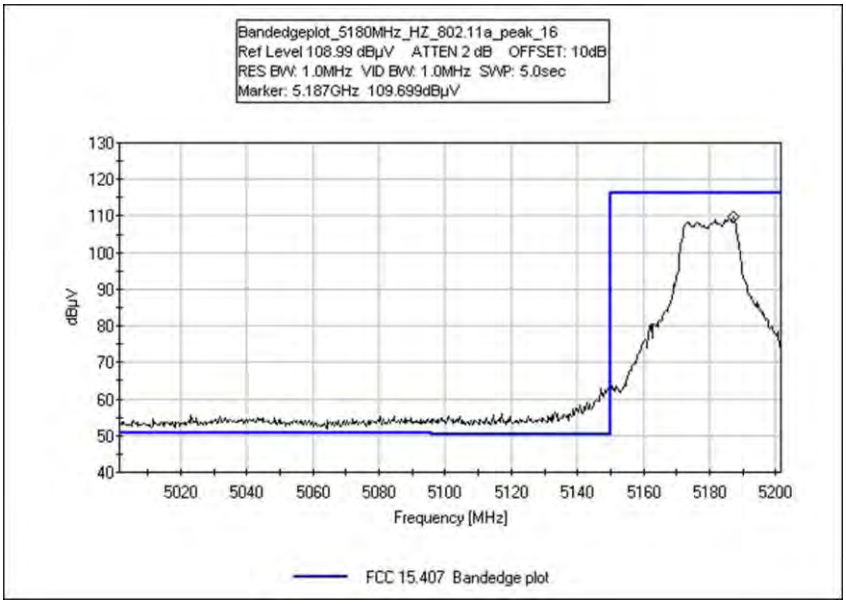
*** Original data from 90303-10A, March 19, 2010**

Plots

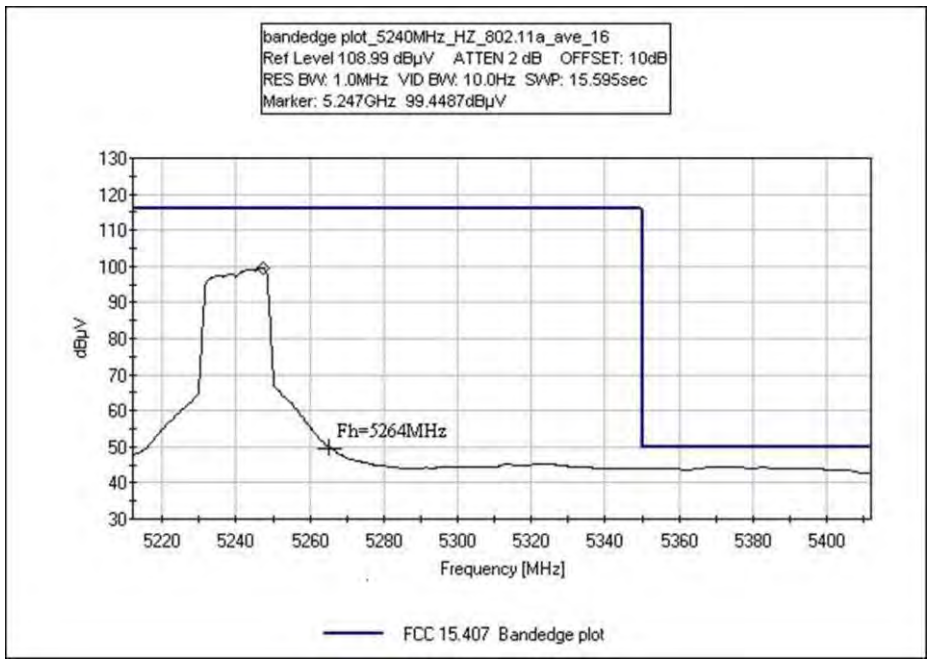
Ethertronic Antenna, Test Date: 3/19/10



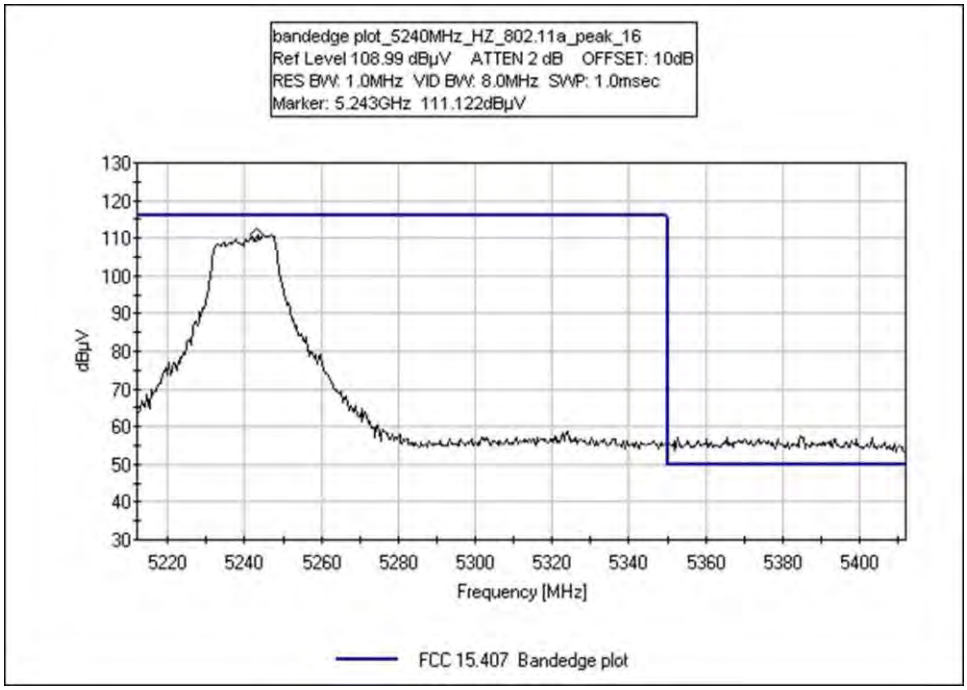
Band edge plot_5180MHz_HZ_802.11a_ave_16_ethertronic_orig



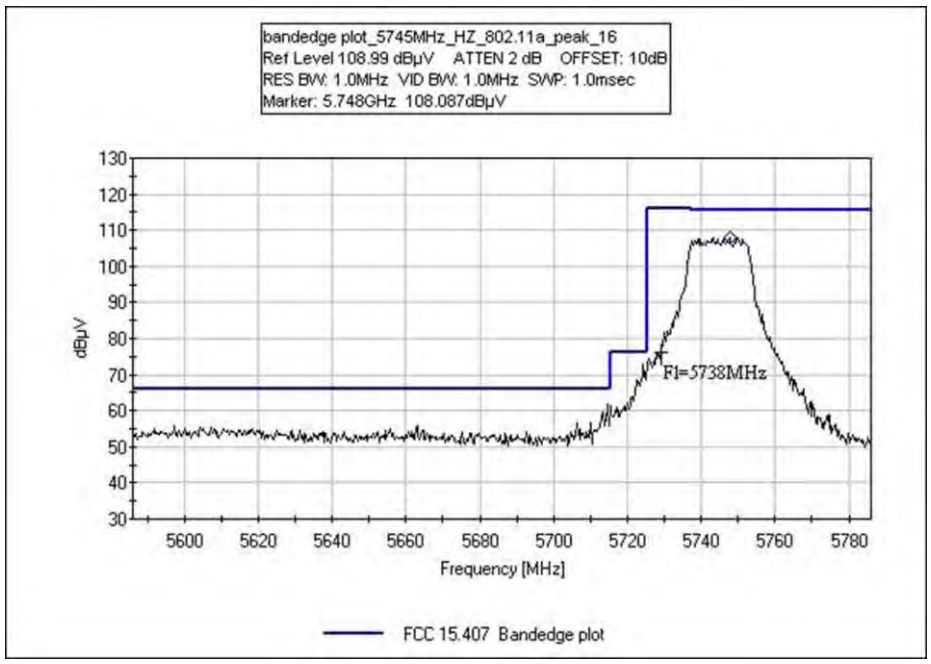
Band edge plot_5180MHz_HZ_802.11a_peak_16_ethertronic_orig



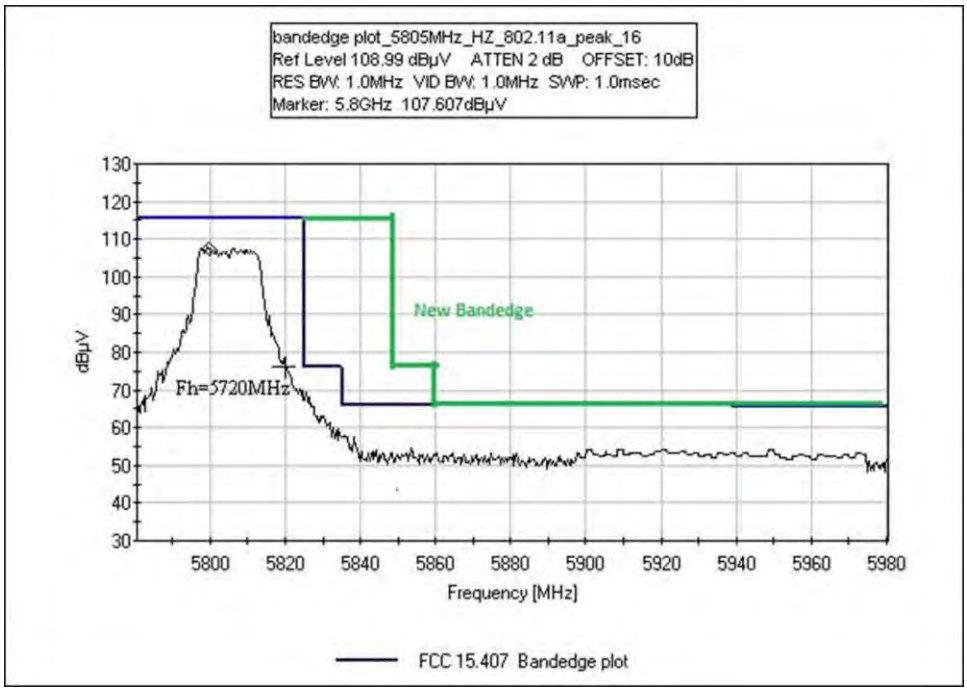
Band edge plot_5240MHz_HZ_802.11a_ave_16_ethertronic_orig



Band edge plot_5240MHz_HZ_802.11a_peak_16_ethertronic_orig

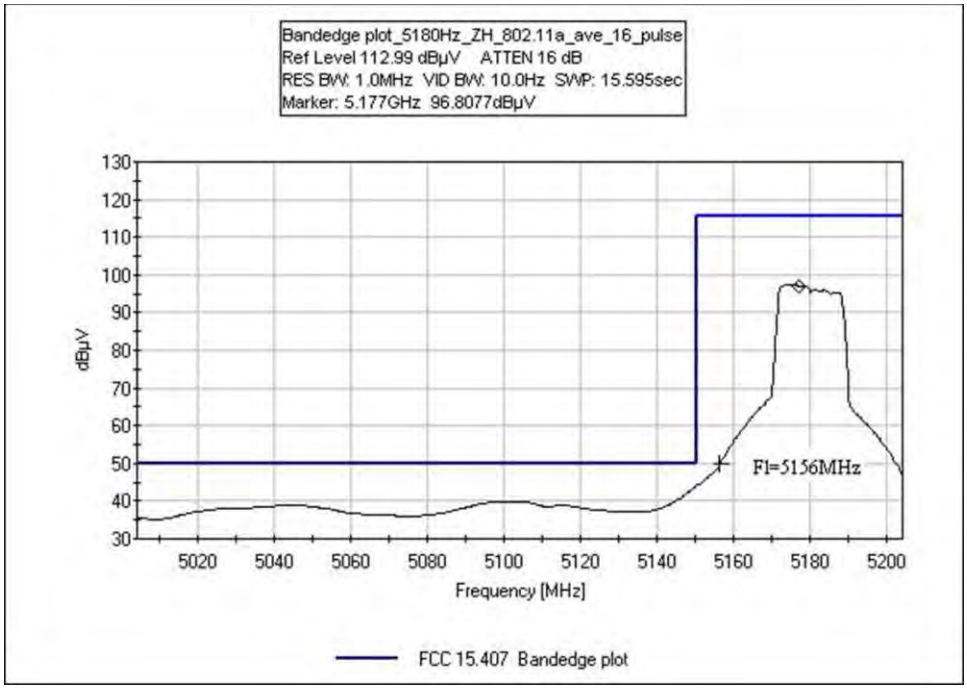


Band edge plot_5745MHz_HZ_802.11a_peak_16_ethertronic_orig

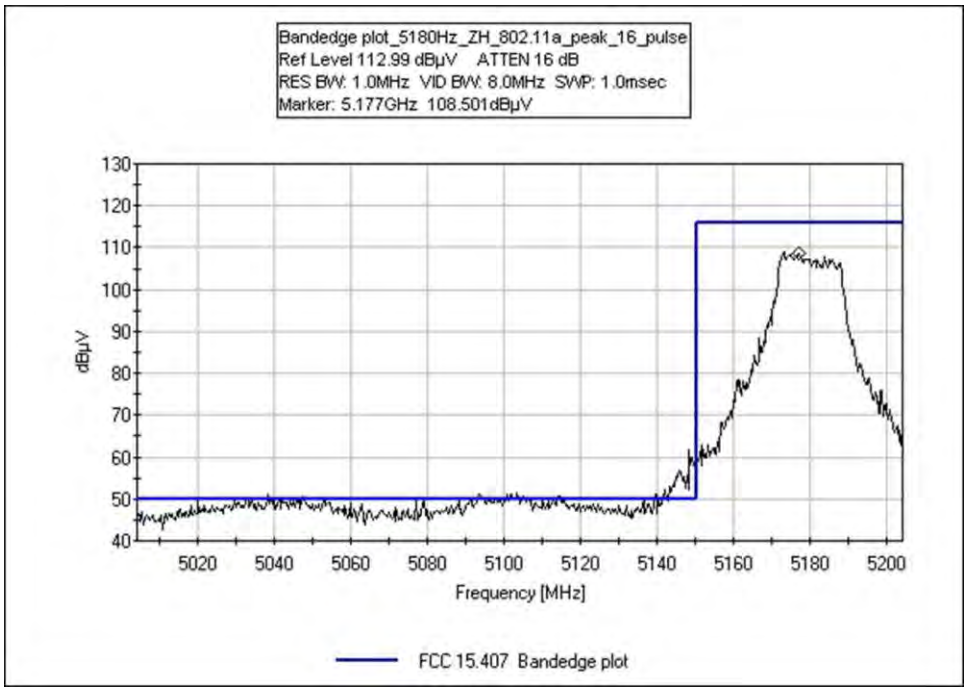


Band edge plot_5805MHz_HZ_802.11a_peak_16_ethertronic_orig

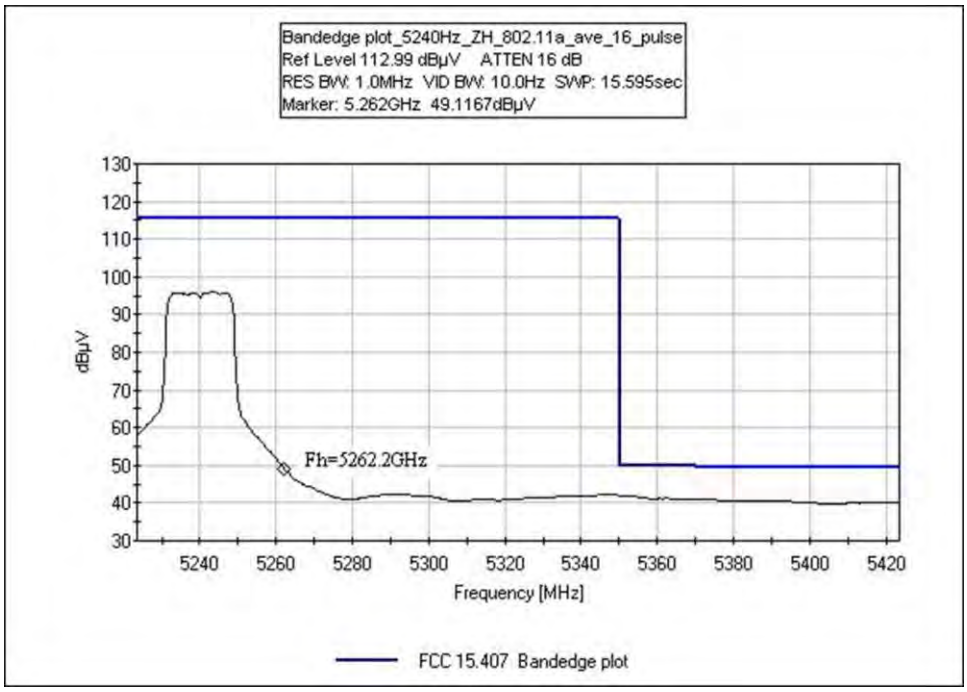
Pulse Antenna, Test Date: 3/19/10



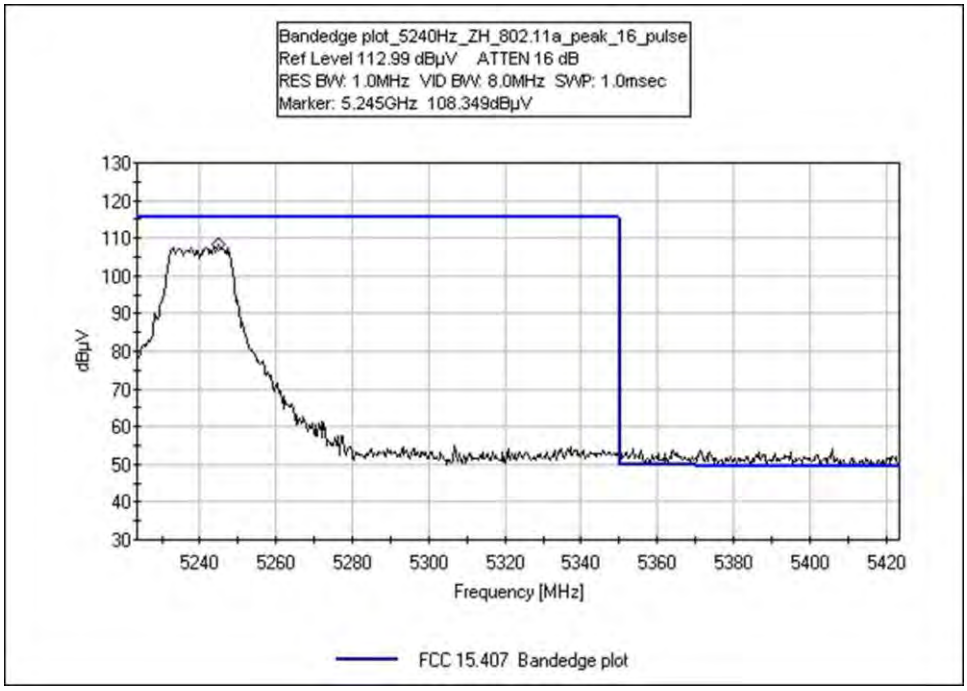
Band edge plot_5180Hz_ZH_802.11a_ave_16_pulse_orig



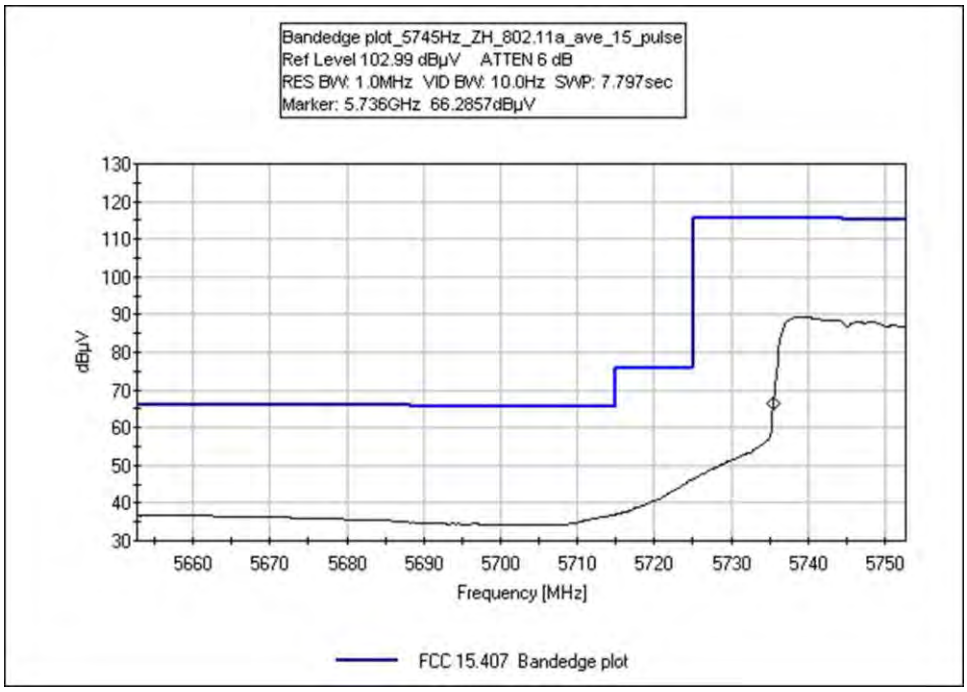
Band edge plot_5180Hz_ZH_802.11a_peak_16_pulse_orig



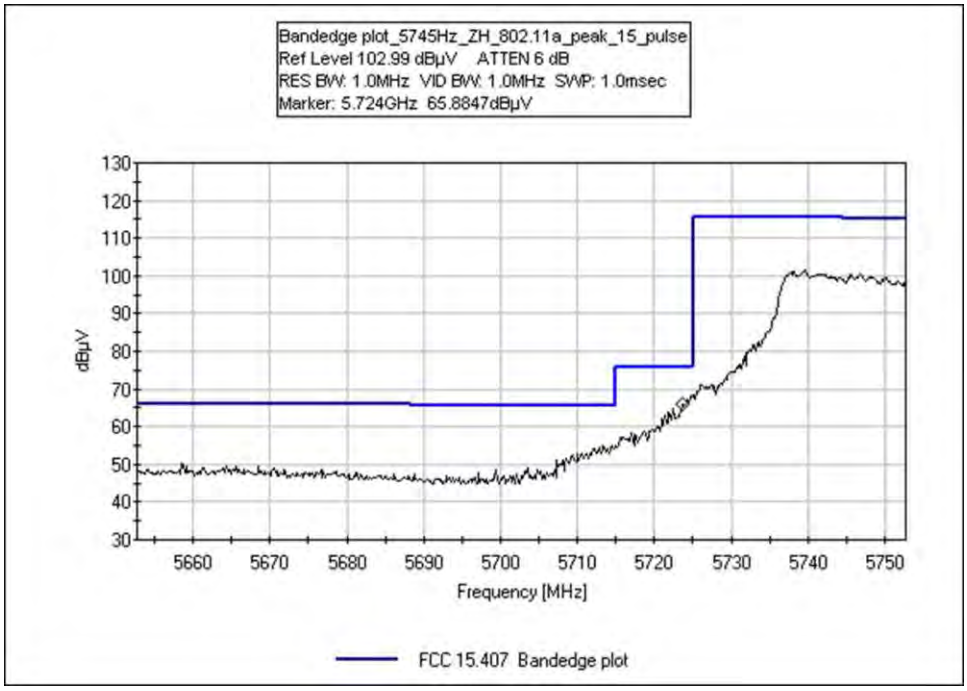
Band edge plot_5240Hz_ZH_802.11a_ave_16_pulse_orig



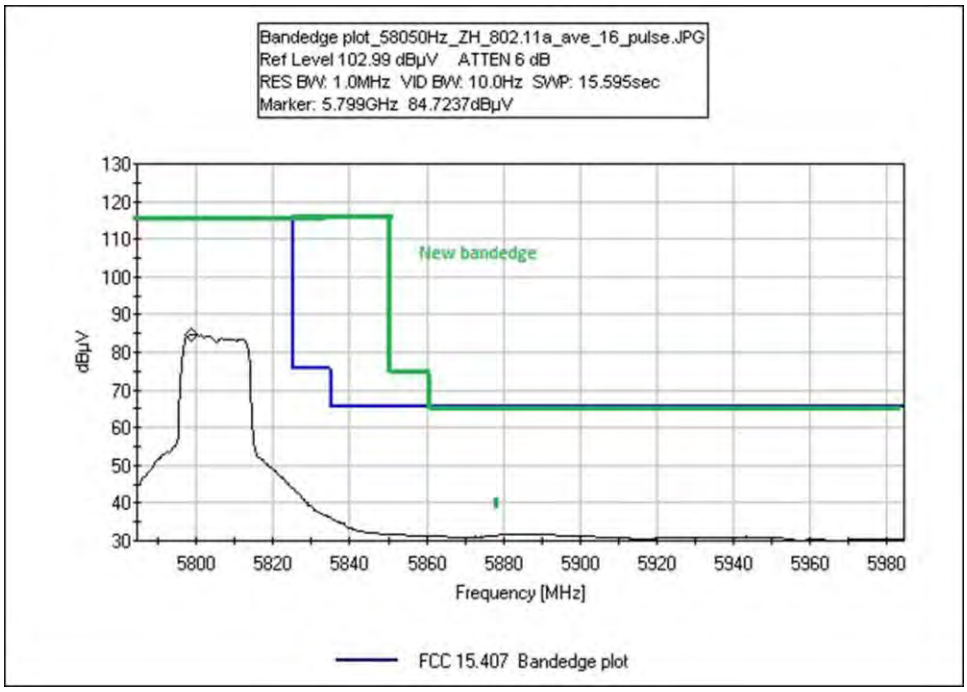
Band edge plot_5240Hz_ZH_802.11a_peak_16_pulse_orig



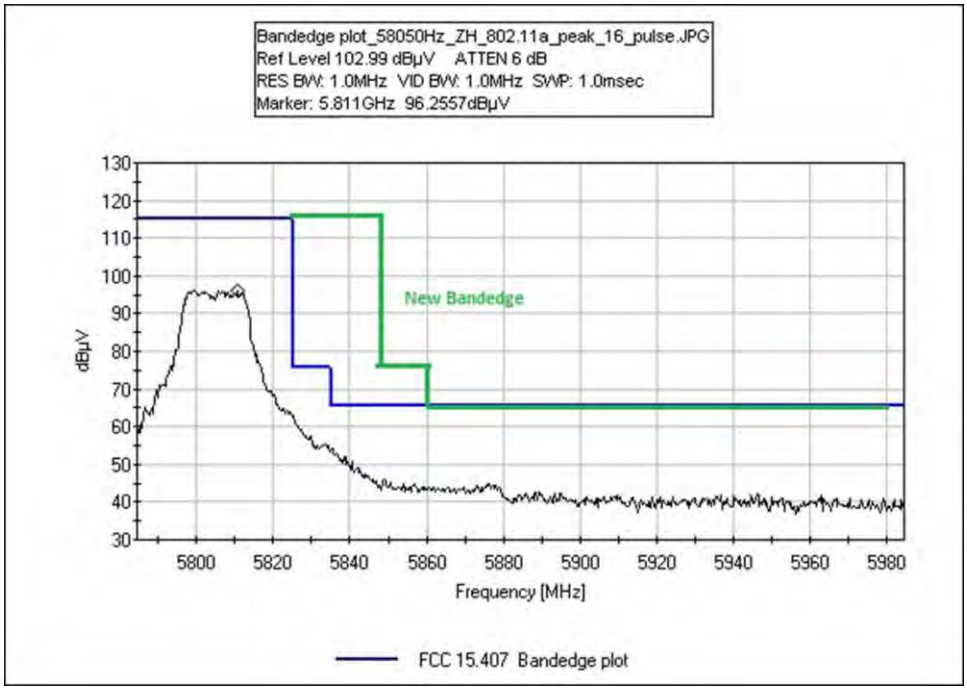
Band edge plot_5745Hz_ZH_802.11a_ave_15_pulse_orig



Band edge plot_5745Hz_ZH_802.11a_peak_15_pulse_orig



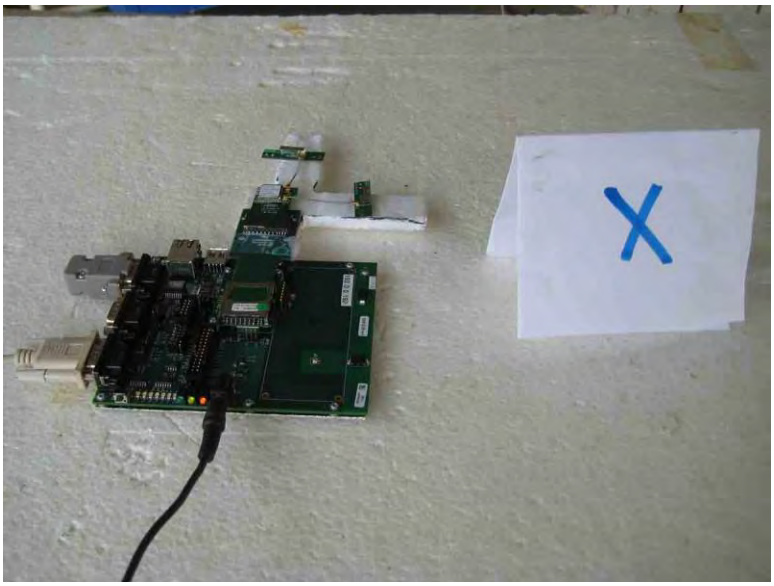
Band edge plot_5805Hz_ZH_802.11a_ave_16_pulse_orig

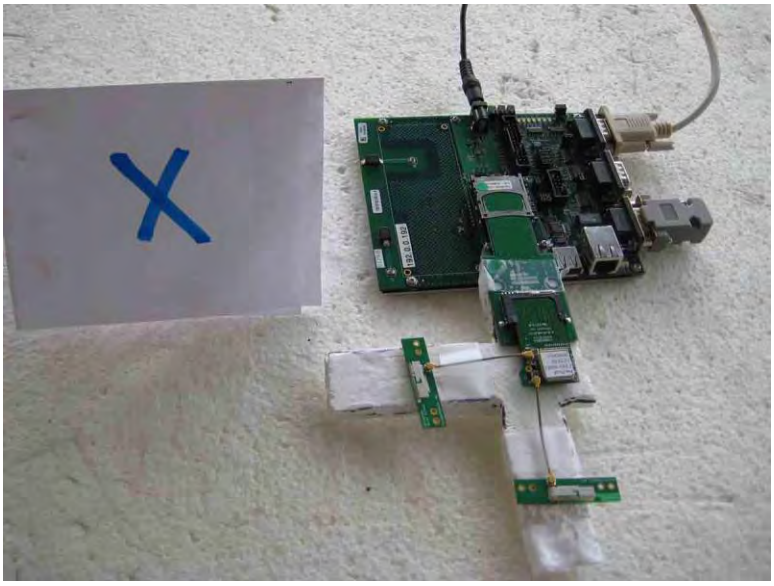


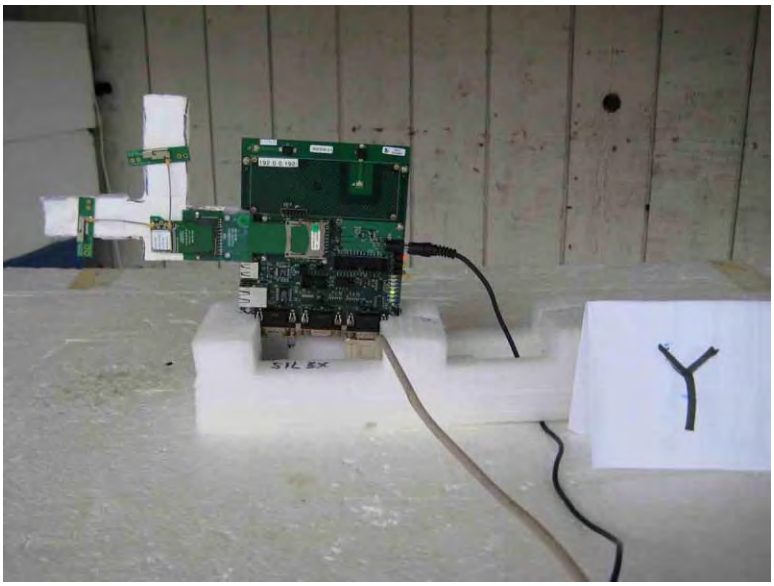
Band edge plot_5805Hz_ZH_802.11a_peak_16_pulse_orig

Test Setup Photo(s)

Ethertronic Antenna



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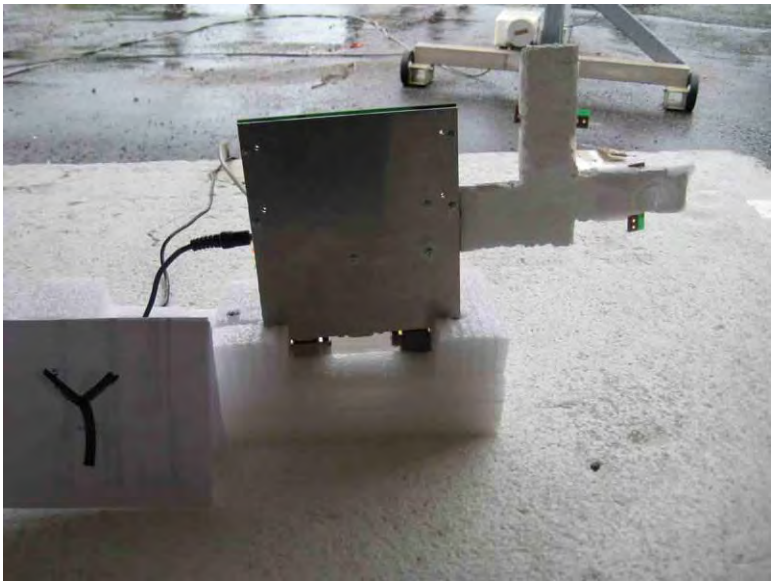

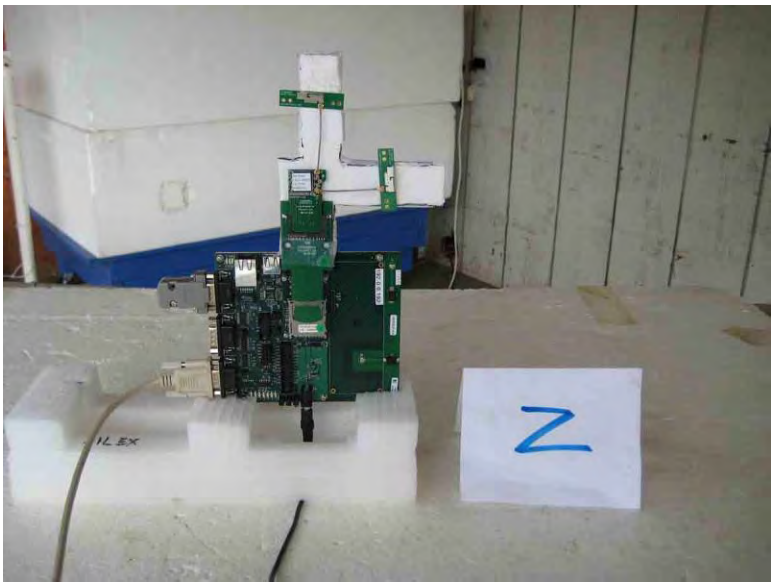
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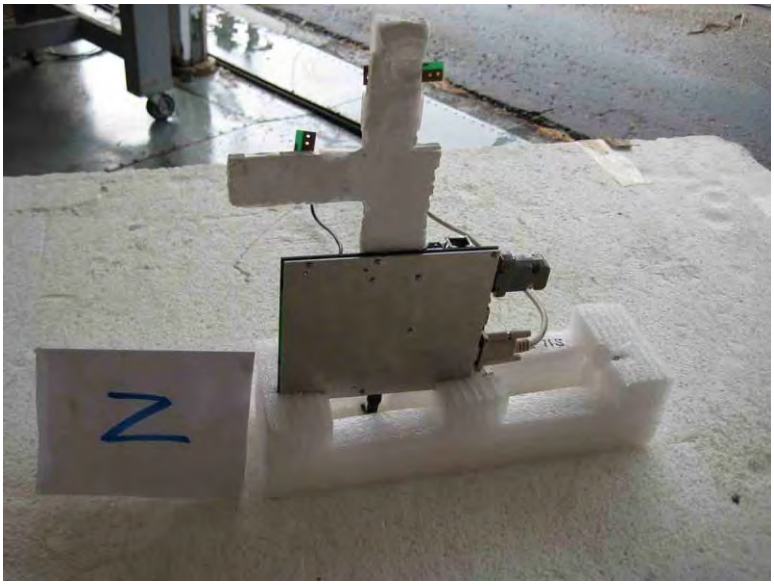
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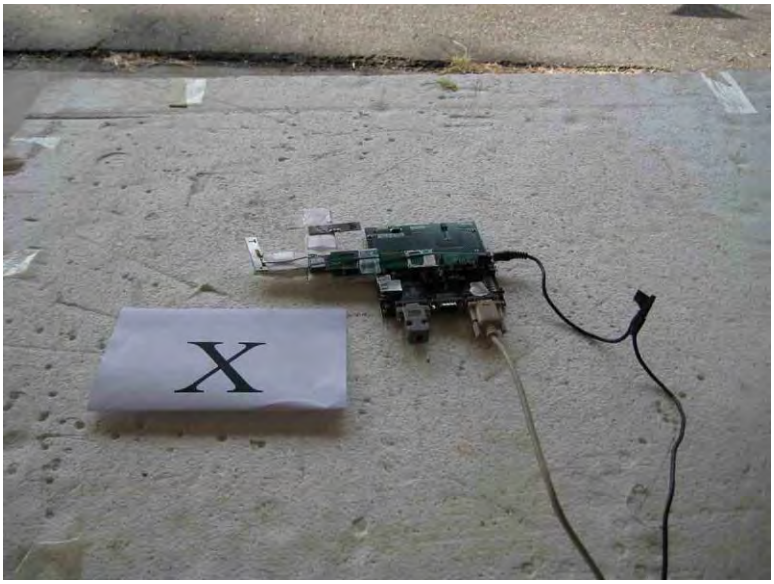
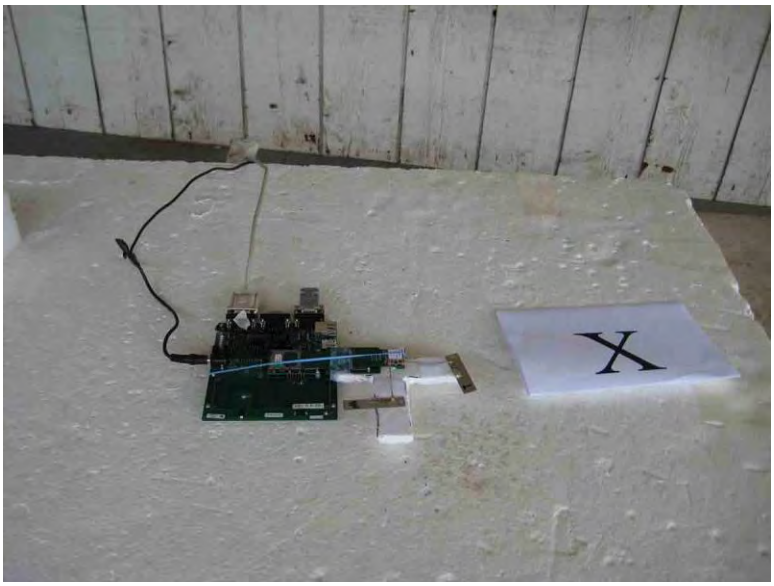
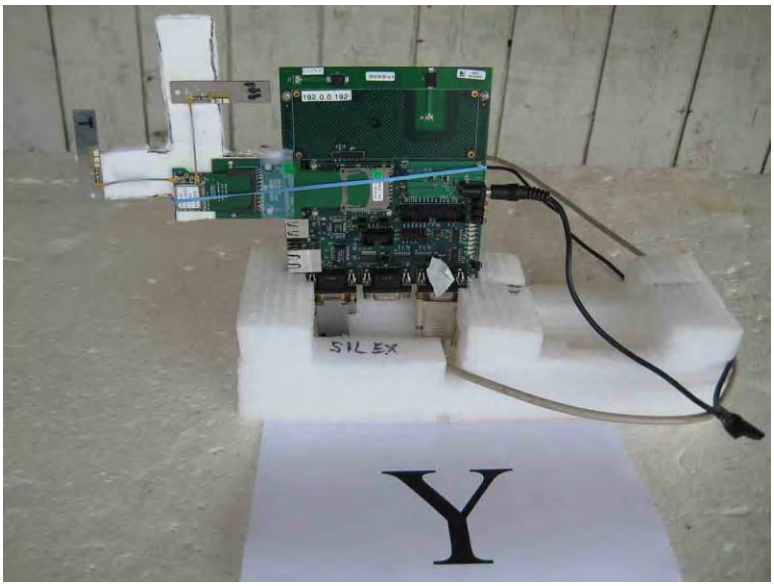
Pulse Antenna



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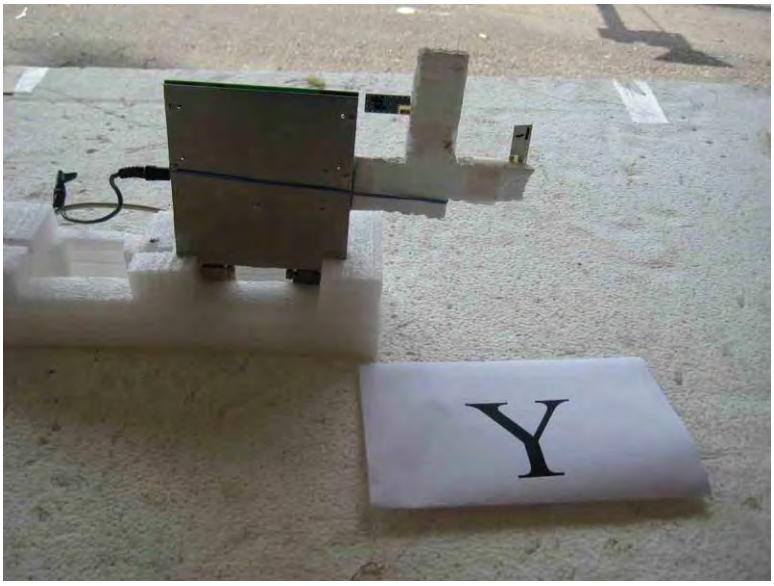
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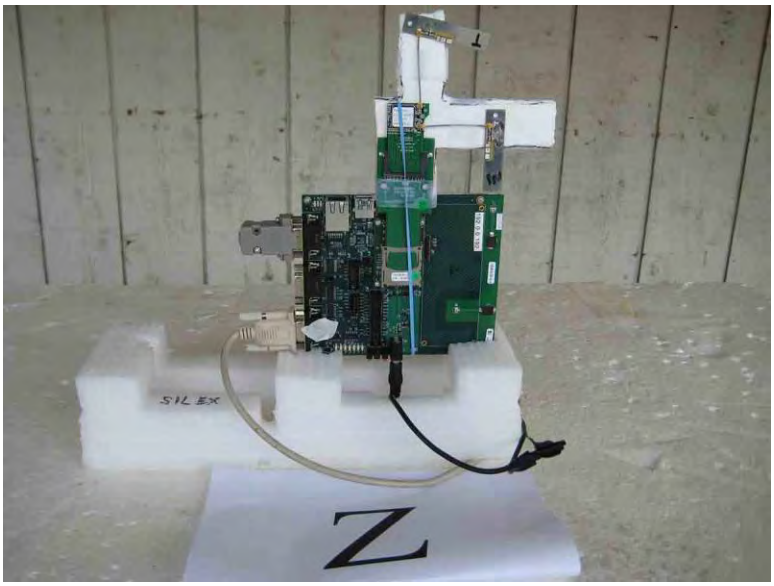
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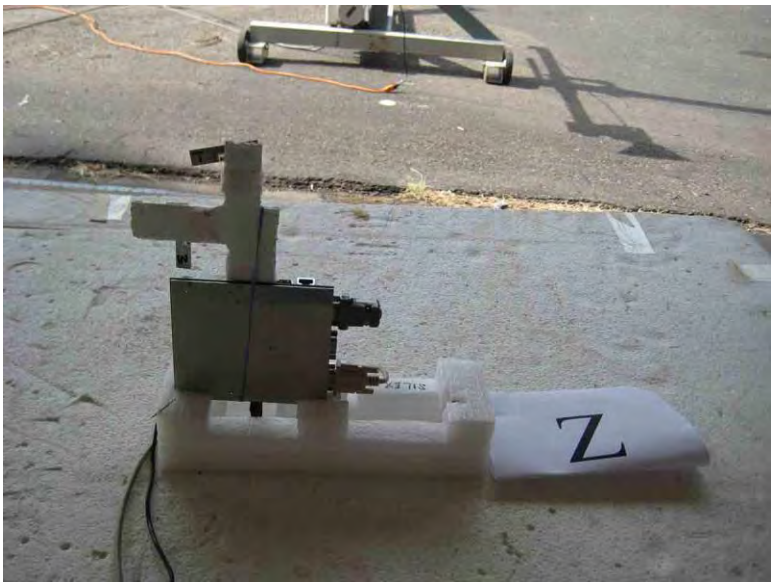
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FCC Part 15 Subpart C

15.207 AC Conducted Emissions

Test Conditions / Setup/ Test Data

Test Location:	CKC Laboratories, Inc. • 110. N. Olinda Place. • Brea, CA 92821 • (714) 993-6112		
Customer:	**Silex Technology, America, Inc.**		
Specification:	**15.207 AC Mains - Average**		
Work Order #:	**90303**	Date:	6/30/2010
Test Type:	**Conducted Emissions**	Time:	1:58:24 PM
Tested By:	E. Wong	Sequence#:	55
Software:	EMITest 5.00.04		110V 60Hz

Equipment Tested:

Device	Manufacturer	Model #	S/N
Wireless 802.11a/b/g SD Card Radio*	Silex Technology America, Inc.	SX-SDCAG	ED

Support Equipment:

Device	Manufacturer	Model #	S/N
Evaluator Board	Silex Technology America, Inc.	SX-560-6900	NA
Power Supply	Condor	HK-CH13-A05	NA
802.11 a/b/g Wireless Access Point	3-Com	WL-526	NA
Laptop	Sony	PCG-982L	8323330
Serial Server	Silex Technology America, Inc.	SX-560	SL004545

Test Conditions / Notes:

The EUT and support evaluation board are placed on the wooden table lined with a Styrofoam surface of 5 cm thickness. The EUT seeking modular approval is extended beyond the perimeter of the evaluation board via an extender card.

The support laptop sends data to the EUT via a support WiFi hub, the EUT receives processes and returns the data to the support computer via a support wireless hub.

Serial port of the support evaluation board is connected to the support laptop via a serial cable and all other ports are left unpopulated.

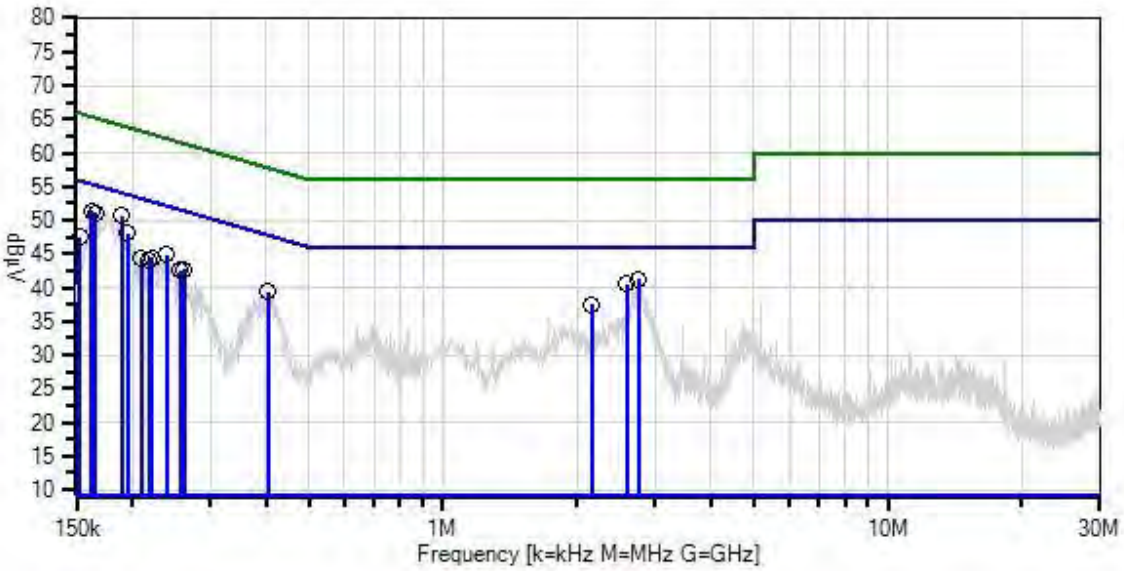
Freq: 5.15 - 5.25GHz, 5.725 - 5.825GHz
ANSI C63.10 (2009), KDB 558074
Tx Frequency: 5240MHz
Modulation: 802.11 a (54 mbps)
Ch,48
Firmware Power setting: 16
Power = 13.3dBm (0.0214)

Antenna Manufacturer: Pulse
Antenna Gain: 3.2dBi @2.5GHz
Antenna Gain: 4.2dBi @5.0GHz
Transmit via Antenna #1

19°C, 73% Relative Humidity

This test is performed to evaluate the emission profile of a previously certified device with addition of a 32kHz crystal to the non-intentional radiator portion in accordance with Permissive change rules. No degradation due to the addition of 32kHz crystal was detected. This data sheet satisfies 15.107 and 15.207 AC Conducted emission.

CKC Laboratories, Inc. Date: 6/30/2010 Time: 1:58:24 PM Silex Technology, America, Inc. WO#: 90303
15.207 AC Mains - Average Test Lead: Black 110V 60Hz Sequence#: 55
SX-SDCAG



Sweep Data
× QP Readings
Software Version: 5.00.04
Readings
Average Readings
1 - 15.207 AC Mains - Average
Peak Readings
Ambient
2 - 15.207 AC Mains - Quasi-peak

Test Equipment:

ID	Asset #	Description	Model	Calibration Date	Cal Due Date
T1	AN02672	Spectrum Analyzer	E4446A	7/23/2008	7/23/2010
T2	ANP05613	Attenuator	50FHC-006-10BNC	3/10/2009	3/10/2011
T3	AN02610	High Pass Filter	HE9615-150K-50-720B	11/16/2009	11/16/2011
T4	ANP04358	Cable	RG142	5/7/2010	5/7/2012
T5	AN00847.1	50uH LISN-Line 1 (dB)	3816/2NM	12/9/2008	12/9/2010
	AN00847.1	50uH LISN-Line 2 (dB)	3816/2NM	12/9/2008	12/9/2010

Measurement Data: Reading listed by margin. Test Lead: Black

#	Freq	Rdng	T1 T5	T2	T3	T4	Dist	Corr	Spec	Margin	Polar
	MHz	dBµV	dB	dB	dB	dB	Table	dBµV	dBµV	dB	Ant
1	189.269k	44.8	+0.0 +0.0	+5.6	+0.2	+0.1	+0.0	50.7	54.1	-3.4	Black
2	162.362k	45.3	+0.0 +0.0	+5.6	+0.4	+0.1	+0.0	51.4	55.3	-3.9	Black
3	165.271k	45.0	+0.0 +0.0	+5.6	+0.4	+0.1	+0.0	51.1	55.2	-4.1	Black
4	2.748M	35.3	+0.0 +0.1	+5.6	+0.1	+0.2	+0.0	41.3	46.0	-4.7	Black
5	2.587M	34.5	+0.0 +0.1	+5.6	+0.1	+0.2	+0.0	40.5	46.0	-5.5	Black
6	195.086k	42.0	+0.0 +0.0	+5.6	+0.3	+0.1	+0.0	48.0	53.8	-5.8	Black
7	238.719k	38.9	+0.0 +0.0	+5.6	+0.3	+0.1	+0.0	44.9	52.1	-7.2	Black
8	221.993k	38.4	+0.0 +0.0	+5.6	+0.3	+0.1	+0.0	44.4	52.7	-8.3	Black
9	152.908k	40.2	+0.0 +0.0	+5.6	+1.6	+0.1	+0.0	47.5	55.8	-8.3	Black
10	403.794k	33.2	+0.0 +0.0	+5.7	+0.3	+0.1	+0.0	39.3	47.8	-8.5	Black
11	2.157M	31.6	+0.0 +0.0	+5.6	+0.1	+0.1	+0.0	37.4	46.0	-8.6	Black
12	261.989k	36.7	+0.0 +0.0	+5.6	+0.3	+0.1	+0.0	42.7	51.4	-8.7	Black
13	209.630k	38.3	+0.0 +0.0	+5.6	+0.3	+0.1	+0.0	44.3	53.2	-8.9	Black
14	218.357k	38.0	+0.0 +0.0	+5.6	+0.3	+0.1	+0.0	44.0	52.9	-8.9	Black
15	256.172k	36.6	+0.0 +0.0	+5.6	+0.3	+0.1	+0.0	42.6	51.6	-9.0	Black

Test Location:	CKC Laboratories, Inc. • 110. N. Olinda Place. • Brea, CA 92821 • (714) 993-6112		
Customer:	**Silex Technology, America, Inc.**		
Specification:	**15.207 AC Mains - Average**		
Work Order #:	**90303**	Date:	6/30/2010
Test Type:	**Conducted Emissions**	Time:	2:05:09 PM
Tested By:	E. Wong	Sequence#:	56
Software:	EMITest 5.00.04		110V 60Hz

Equipment Tested:

Device	Manufacturer	Model #	S/N
Wireless 802.11a/b/g SD Card Radio*	Silex Technology America, Inc.	SX-SDCAG	ED

Support Equipment:

Device	Manufacturer	Model #	S/N
Evaluator Board	Silex Technology America, Inc.	SX-560-6900	NA
Power Supply	Condor	HK-CH13-A05	NA
802.11 a/b/g Wireless Access Point	3-Com	WL-526	NA
Laptop	Sony	PCG-982L	8323330
Serial Server	Silex Technology America, Inc.	SX-560	SL004545

Test Conditions / Notes:

The EUT and support evaluation board are placed on the wooden table lined with a Styrofoam surface of 5 cm thickness. The EUT seeking modular approval is extended beyond the perimeter of the evaluation board via an extender card.

The support laptop sends data to the EUT via a support WiFi hub, the EUT receives processes and returns the data to the support computer via a support wireless hub.

Serial port of the support evaluation board is connected to the support laptop via a serial cable and all other ports are left unpopulated.

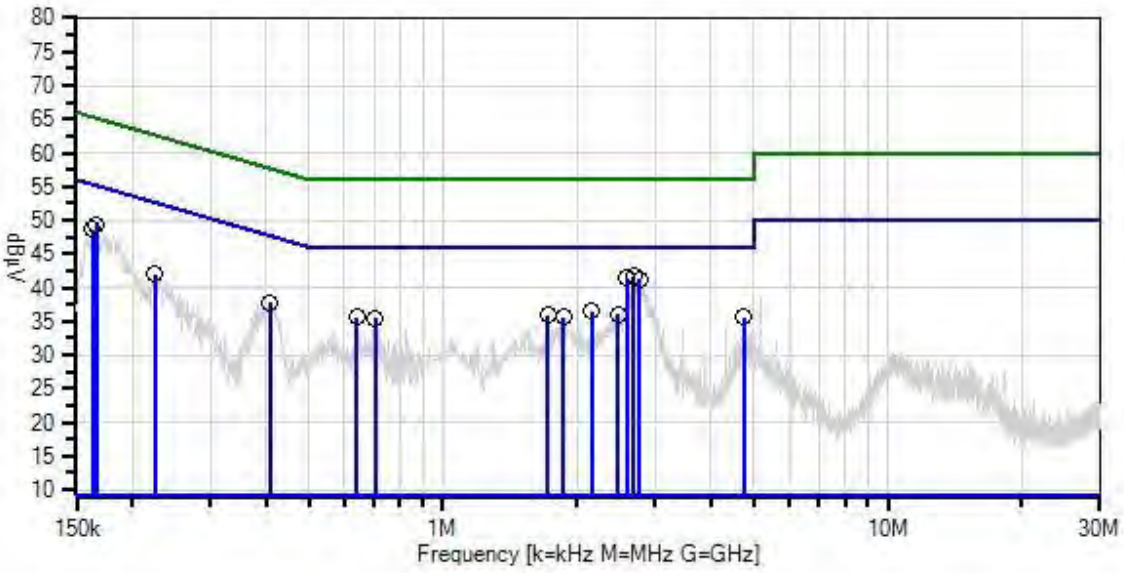
Freq: 5.15 - 5.25GHz, 5.725 - 5.825GHz
ANSI C63.10 (2009), KDB 558074
Tx Frequency: 5240MHz
Modulation: 802.11 a (54 mbps)
Ch,48
Firmware Power setting: 16
Power = 13.3dBm (0.0214)

Antenna Manufacturer: Pulse
Antenna Gain: 3.2dBi @2.5GHz
Antenna Gain: 4.2dBi @5.0GHz
Transmit via Antenna #1

19°C, 73% Relative Humidity

This test is performed to evaluate the emission profile of a previously certified device with addition of a 32kHz crystal to the non-intentional radiator portion in accordance with Permissive change rules. No degradation due to the addition of 32kHz crystal was detected. This data sheet satisfies 15.107 and 15.207 AC Conducted emission.

CKC Laboratories, Inc. Date: 6/30/2010 Time: 2:05:09 PM Silex Technology, America, Inc. WO#: 90303
15.207 AC Mains - Average Test Lead: White 110V 60Hz Sequence#: 56
SX-SDCAG



Sweep Data
× QP Readings
Software Version: 5.00.04
Readings
Average Readings
1 - 15.207 AC Mains - Average
Peak Readings
Ambient
2 - 15.207 AC Mains - Quasi-peak

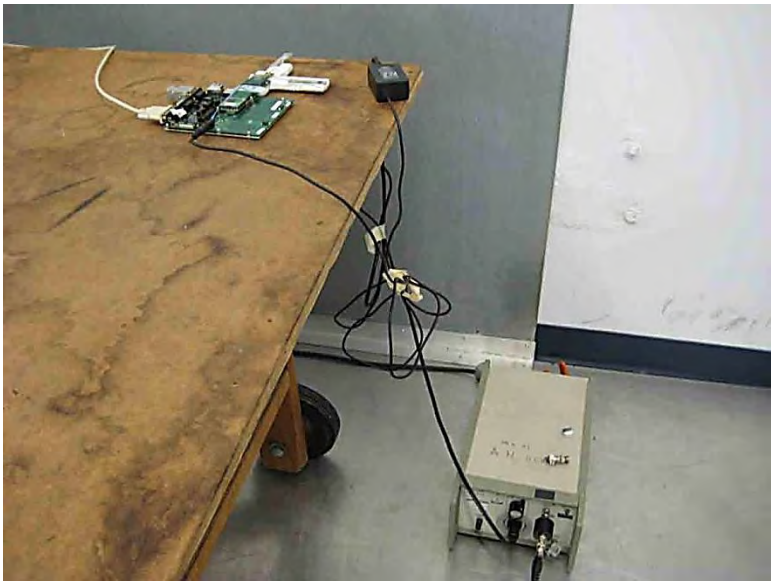
Test Equipment:

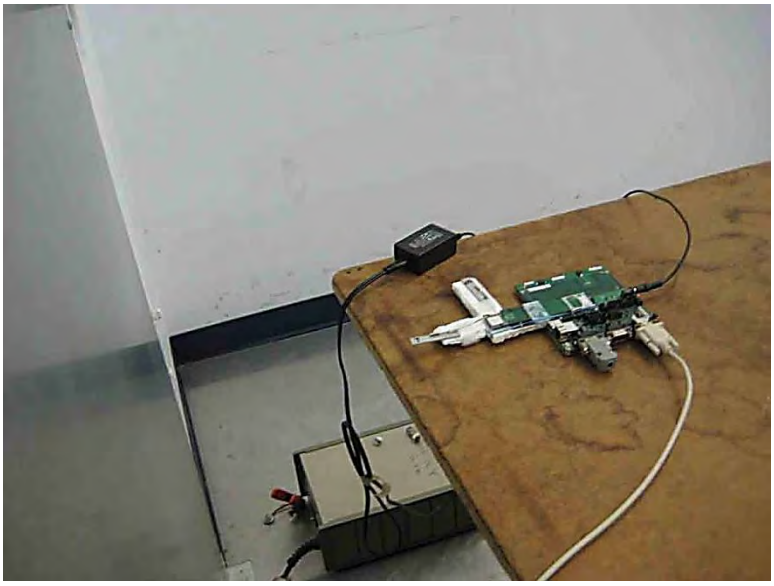
ID	Asset #	Description	Model	Calibration Date	Cal Due Date
T1	AN02672	Spectrum Analyzer	E4446A	7/23/2008	7/23/2010
T2	ANP05613	Attenuator	50FHC-006-10BNC	3/10/2009	3/10/2011
T3	AN02610	High Pass Filter	HE9615-150K-50-720B	11/16/2009	11/16/2011
T4	ANP04358	Cable	RG142	5/7/2010	5/7/2012
	AN00847.1	50uH LISN-Line 1 (dB)	3816/2NM	12/9/2008	12/9/2010
T5	AN00847.1	50uH LISN-Line 2 (dB)	3816/2NM	12/9/2008	12/9/2010

Measurement Data: Reading listed by margin. Test Lead: White

#	Freq	Rdng	T1 T5	T2	T3	T4	Dist	Corr	Spec	Margin	Polar
	MHz	dBµV	dB	dB	dB	dB	Table	dBµV	dBµV	dB	Ant
1	2.680M	35.6	+0.0 +0.2	+5.6	+0.1	+0.2	+0.0	41.7	46.0	-4.3	White
2	2.591M	35.3	+0.0 +0.2	+5.6	+0.1	+0.2	+0.0	41.4	46.0	-4.6	White
3	2.761M	35.1	+0.0 +0.2	+5.6	+0.1	+0.2	+0.0	41.2	46.0	-4.8	White
4	166.725k	43.2	+0.0 +0.0	+5.6	+0.4	+0.1	+0.0	49.3	55.1	-5.8	White
5	163.089k	42.6	+0.0 +0.0	+5.6	+0.4	+0.1	+0.0	48.7	55.3	-6.6	White
6	2.157M	30.6	+0.0 +0.1	+5.6	+0.1	+0.1	+0.0	36.5	46.0	-9.5	White
7	407.430k	31.7	+0.0 +0.0	+5.7	+0.3	+0.1	+0.0	37.8	47.7	-9.9	White
8	2.472M	29.9	+0.0 +0.2	+5.6	+0.1	+0.2	+0.0	36.0	46.0	-10.0	White
9	1.723M	30.0	+0.0 +0.1	+5.6	+0.1	+0.1	+0.0	35.9	46.0	-10.1	White
10	1.864M	29.7	+0.0 +0.1	+5.6	+0.1	+0.1	+0.0	35.6	46.0	-10.4	White
11	4.743M	29.5	+0.0 +0.2	+5.6	+0.1	+0.2	+0.0	35.6	46.0	-10.4	White
12	639.409k	29.6	+0.0 +0.0	+5.6	+0.3	+0.1	+0.0	35.6	46.0	-10.4	White
13	705.585k	29.4	+0.0 +0.0	+5.6	+0.3	+0.1	+0.0	35.4	46.0	-10.6	White
14	224.902k	35.8	+0.0 +0.1	+5.6	+0.3	+0.1	+0.0	41.9	52.6	-10.7	White
15	703.403k	29.3	+0.0 +0.0	+5.6	+0.3	+0.1	+0.0	35.3	46.0	-10.7	White

Test Setup Photo(s)





15.407(g) Frequency Stability

***Original data from 90303-10A, March 19, 2010, testing by Eddie Wong**

Test Conditions / Setup

15.407 (g) Manufacturers of U-NII devices are responsible for ensuring frequency stability such that an emission is maintained within the band of operation under all conditions of normal operation as specified in the manufacturer user manual.

Setup: The Frequency point (Fl and Fh) at which the emission crosses the radiated emission limit line was obtained from the radiated Band Edge plot. To ensure the emission is maintained in the band of operation under all condition of normal operation as specified in the user manual, the device was placed in a temperature chamber and the relative frequency drift was measured and added to the measured Fl and Fh.

Test Equipment

Asset#	Description	Serial	Cal Date	Cal Due
02672	Spectrum Analyzer	US44300438	07/23/2008	07/23/2010
01878	Temperature Chamber	NA	08/06/2008	08/06/2010
05947	Thermometer	6995216	11/09/2009	11/09/2011
P02946	3'-40GHz cable	NA	09/14/2009	09/14/2011
00849	Horn Antenna	6246	06/06/2008	06/06/2010
00786	Microwave Pre-amp	3123A00281	07/28/2008	07/28/2010
P2948	2'-40GHz cable	NA	09/18/2007	09/18/2009
P05565	Heliax Antenna Cable	P5565	09/04/2008	09/04/2010
P02947	2'-40GHz cable	NA	09/14/2009	09/14/2011

Band of operation:
5150 – 5250 MHz
5725 – 5825 MHz

Manufacturer declared operating temperature: -20 – 70°C

Frequency	Fl 5157	Fh 5264*
Temp (c)		
-20	5157.0201	5264.0210
-10	5157.0181	5264.0252
0	5157.0282	5264.0522
10	5157.0122	5264.0370
20	5157.0000	5264.0000
30	5156.9872	5264.0130
40	5156.9722	5263.9990
50	5156.9832	5264.0096
60	5157.0141	5264.0152
70	5157.0301	5264.0482

* The emission limit for Fh extends out of operating band in accordance to 15.407(b)(1) limit: For transmitters operating in the 5.15-5.25 GHz band: all emissions outside of the **5.15-5.35 GHz** band shall not exceed an EIRP of -27 dBm/MHz.

Frequency	Fl 5728	Fh 5820
Temp (c)		
-20	5738.0481	5820.0100
-10	5738.0570	5820.0321
0	5738.0561	5820.0499
10	5738.0591	5820.0409
20	5738.0000	5820.0000
30	5738.0300	5819.9988
40	5737.9990	5819.9970
50	5738.0407	5820.0035
60	5738.0501	5820.0281
70	5738.0790	5820.0551

Result: The emission is maintained within the band of operation and/or emission limit under all conditions of normal operation as specified in the user's manual.

Test Setup Photo(s)

Ethertronic Antenna

***Original photo from 90303-10A, March 19, 2010.**

SUPPLEMENTAL INFORMATION

Measurement Uncertainty

Uncertainty Value	Parameter
4.73 dB	Radiated Emissions
3.34 dB	Mains Conducted Emissions
3.30 dB	Disturbance Power

Reported uncertainties represent expanded uncertainties expressed at approximately the 95% confidence level using a coverage factor of k=2.

Emissions Test Details

TESTING PARAMETERS

Unless otherwise indicated, the following configuration parameters are used for equipment setup: The cables were routed consistent with the typical application by varying the configuration of the test sample. Interface cables were connected to the available ports of the test unit. The effect of varying the position of the cables was investigated to find the configuration that produced maximum emissions. Cables were of the type and length specified in the individual requirements. The length of cable that produced maximum emissions was selected.

The equipment under test (EUT) was set up in a manner that represented its normal use, as shown in the setup photographs. Any special conditions required for the EUT to operate normally are identified in the comments that accompany the emissions tables.

The emissions data was taken with a spectrum analyzer or receiver. Incorporating the applicable correction factors for distance, antenna, cable loss and amplifier gain, the data was reduced as shown in the table below. The corrected data was then compared to the applicable emission limits. Preliminary and final measurements were taken in order to ensure that all emissions from the EUT were found and maximized.

CORRECTION FACTORS

The basic spectrum analyzer reading was converted using correction factors as shown in the highest emissions readings in the tables. For radiated emissions in dBµV/m, the spectrum analyzer reading in dBµV was corrected by using the following formula. This reading was then compared to the applicable specification limit. Individual measurements were compared with the displayed limit value in the margin column. The margin was calculated based on the limit value subtracting the corrected measured value; a negative margin represents a measurement exceeding the limit while a positive margin represents a measurement less than the limit.

SAMPLE CALCULATIONS		
	Meter reading	(dBµV)
+	Antenna Factor	(dB/m)
+	Cable Loss	(dB)
-	Distance Correction	(dB)
-	Preamplifier Gain	(dB)
=	Corrected Reading	(dBµV/m)

TEST INSTRUMENTATION AND ANALYZER SETTINGS

The test instrumentation and equipment listed were used to collect the emissions data. A spectrum analyzer or receiver was used for all measurements. Unless otherwise specified, the following table shows the measuring equipment bandwidth settings that were used in designated frequency bands. For testing emissions, an appropriate reference level and a vertical scale size of 10 dB per division were used.

MEASURING EQUIPMENT BANDWIDTH SETTINGS PER FREQUENCY RANGE			
TEST	BEGINNING FREQUENCY	ENDING FREQUENCY	BANDWIDTH SETTING
CONDUCTED EMISSIONS	150 kHz	30 MHz	9 kHz
RADIATED EMISSIONS	9 kHz	150 kHz	200 Hz
RADIATED EMISSIONS	150 kHz	30 MHz	9 kHz
RADIATED EMISSIONS	30 MHz	1000 MHz	120 kHz
RADIATED EMISSIONS	1000 MHz	>1 GHz	1 MHz

SPECTRUM ANALYZER/RECEIVER DETECTOR FUNCTIONS

The notes that accompany the measurements contained in the emissions tables indicate the type of detector function used to obtain the given readings. Unless otherwise noted, all readings were made in the "positive peak" detector mode. Whenever a "quasi-peak" or "average" reading was recorded, the measurement was annotated with a "QP" or an "Ave" on the appropriate rows of the data sheets. In cases where quasi-peak or average limits were employed and data exists for multiple measurement types for the same frequency then the peak measurement was retained in the report for reference, however the numbering for the affected row was removed and an arrow or carrot ("^") was placed in the far left-hand column indicating that the row above takes precedence for comparison to the limit. The following paragraphs describe in more detail the detector functions and when they were used to obtain the emissions data.

Peak

In this mode, the spectrum analyzer or receiver recorded all emissions at their peak value as the frequency band selected was scanned. By combining this function with another feature called "peak hold," the measurement device had the ability to measure intermittent or low duty cycle transient emission peak levels. In this mode the measuring device made a slow scan across the frequency band selected and measured the peak emission value found at each frequency across the band.

Quasi-Peak

Quasi-peak measurements were taken using the quasi-peak detector when the true peak values exceeded or were within 2 dB of a quasi-peak specification limit. Additional QP measurements may have been taken at the discretion of the operator.

Average

Average measurements were taken using the average detector when the true peak values exceeded or were within 2 dB of an average specification limit. Additional average measurements may have been taken at the discretion of the operator. If the specification or test procedure requires trace averaging, then the averaging was performed using 100 samples or as required by the specification. All other average measurements are performed using video bandwidth averaging. To make these measurements, the test engineer reduces the video bandwidth on the measuring device until the modulation of the signal is filtered out. At this point the measuring device is set into the linear mode and the scan time is reduced.