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

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.

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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

DATE OF EQUIPMENT RECEIPT:
DATE(S) OF TESTING:

REPORT PREPARED BY:

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

Project Number: 97700

Febraury 2, 2010 and December 22, 2015
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

Rel 18 dBm   #Atten 28 dB

Agilent 10:27:58 Dec 23, 2015   R L

Center 5.805 00 GHz   Span 50 MHz

#Res BW 100 kHz   #VBW 300 kHz   #Sweep 20 ms (601 pts)

Occupied Bandwidth

16.5140 MHz

Ccc BW % Pwr   99.00 %

x dB   -6.00 dB

Transmit Freq Error   4.005 kHz

x dB Bandwidth   16.588 MHz
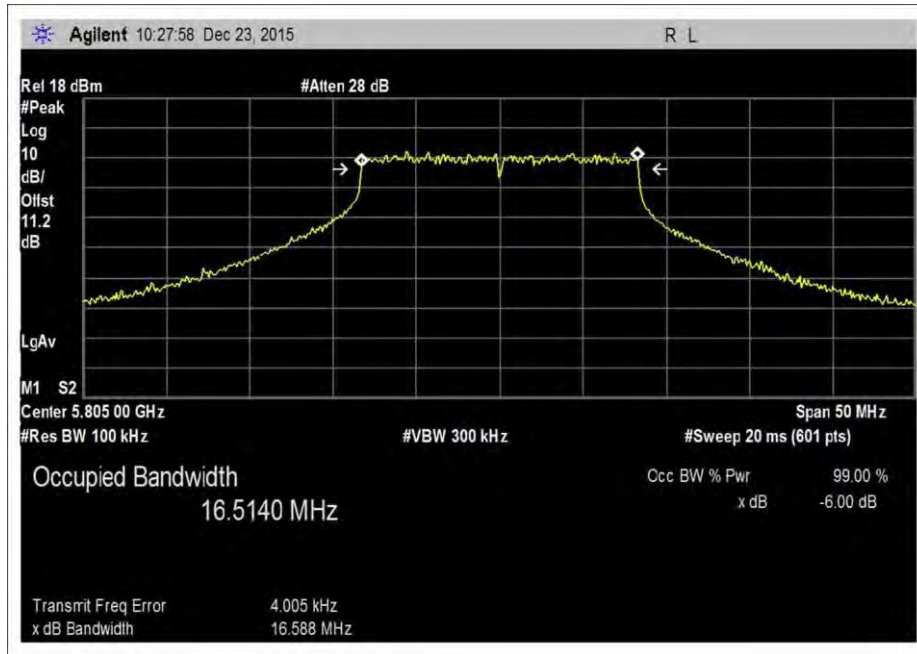
6dB BW_5805MHz

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

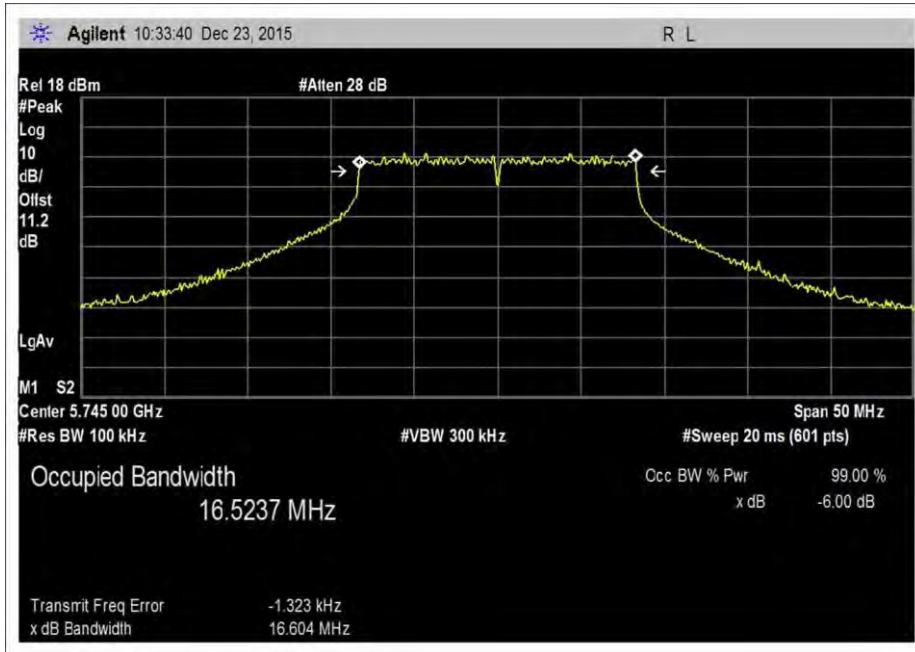|			
Temperature* (ºC)	+15 to +35	**Relative Humidity* (%):**	20 – 75%
Temperature (ºC)**	20	**Relative Humidity** (%):**	58%

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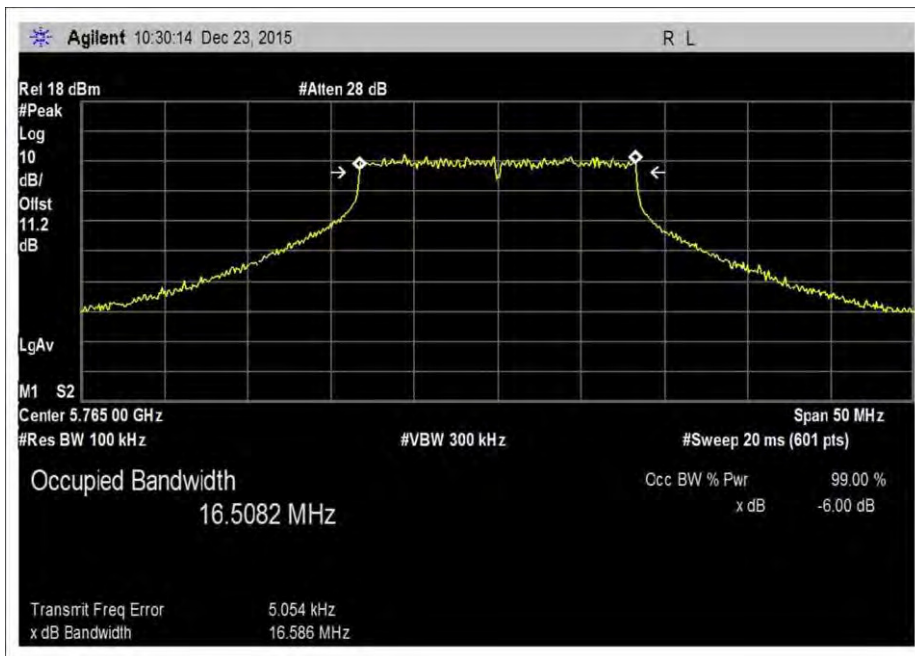** Permission Change II, new data, December 23, 2015.

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

Frequency (MHz)	Modulation / Ant Port	V$_{Minimum}$ (dBm)	V$_{Nominal}$ (dBm)	V$_{Maximum}$ (dBm)	Max Deviation from V$_{Nominal}$ (dB)
Test Data Summary - Voltage Variations					
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

Frequency (MHz)	Modulation / Ant Port	V$_{Minimum}$ (dBm)	V$_{Nominal}$ (dBm)	V$_{Maximum}$ (dBm)	Max Deviation from V$_{Nominal}$ (dB)
Test Data Summary - Voltage Variations					
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
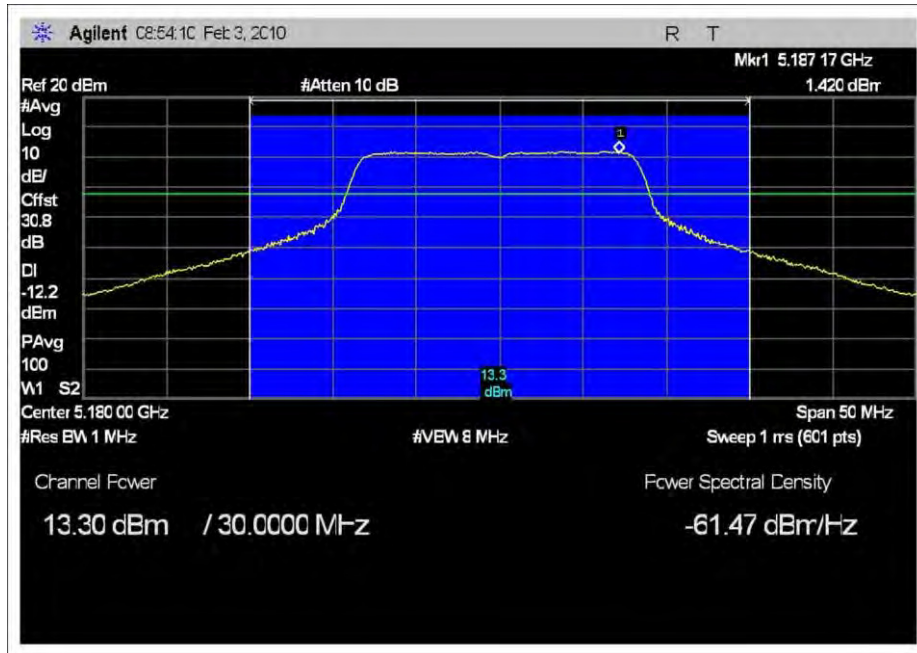
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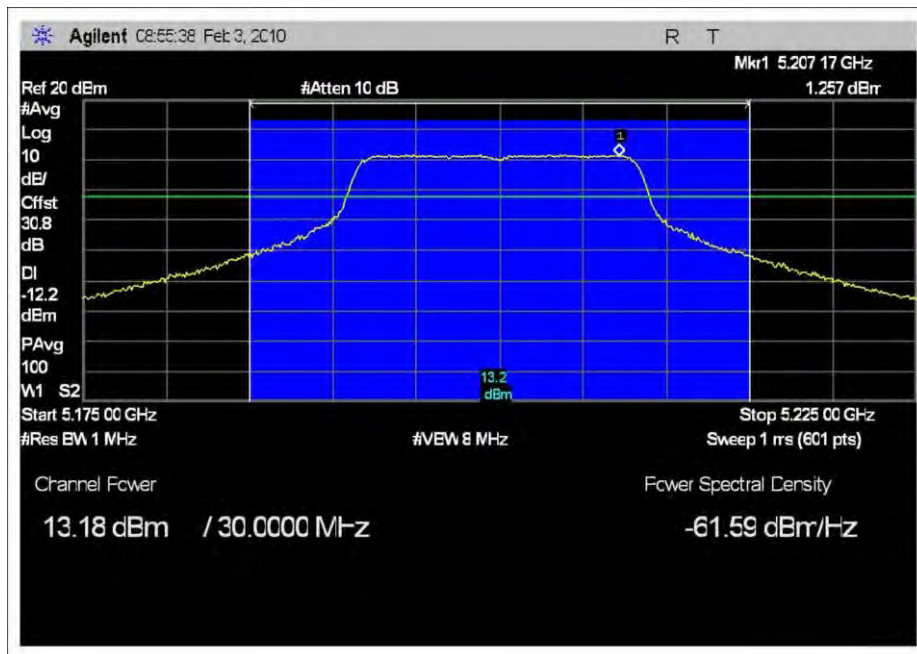
802.11a_5200MHz_pwr16_13.2dBm_orig
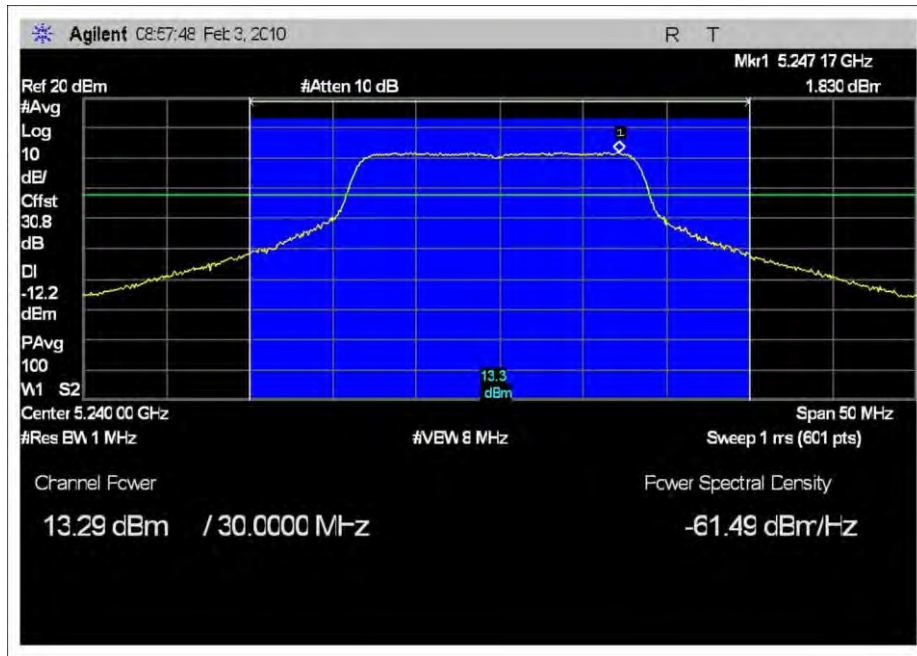
802.11a_5240MHz_pwr16_13.3dBm_orig
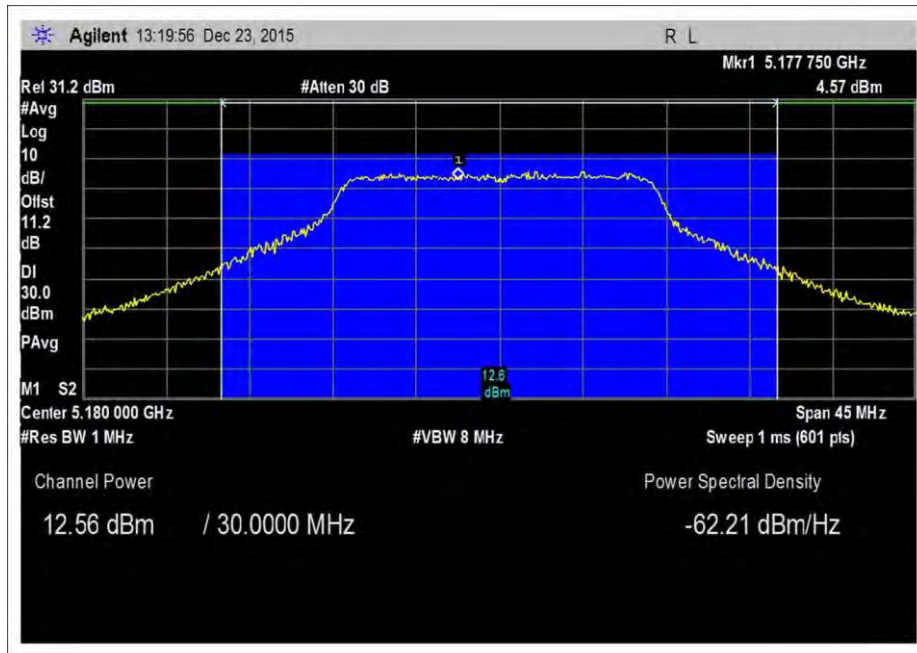
RF output power_5180MHz_band1_122315_PCII
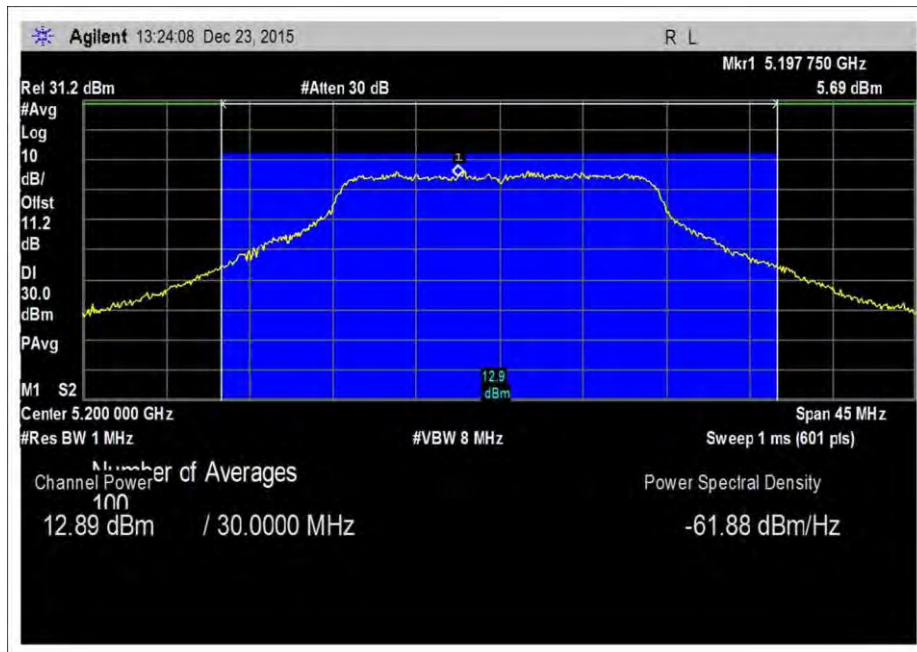
RF output power_5200MHz_band1_122315_PCII
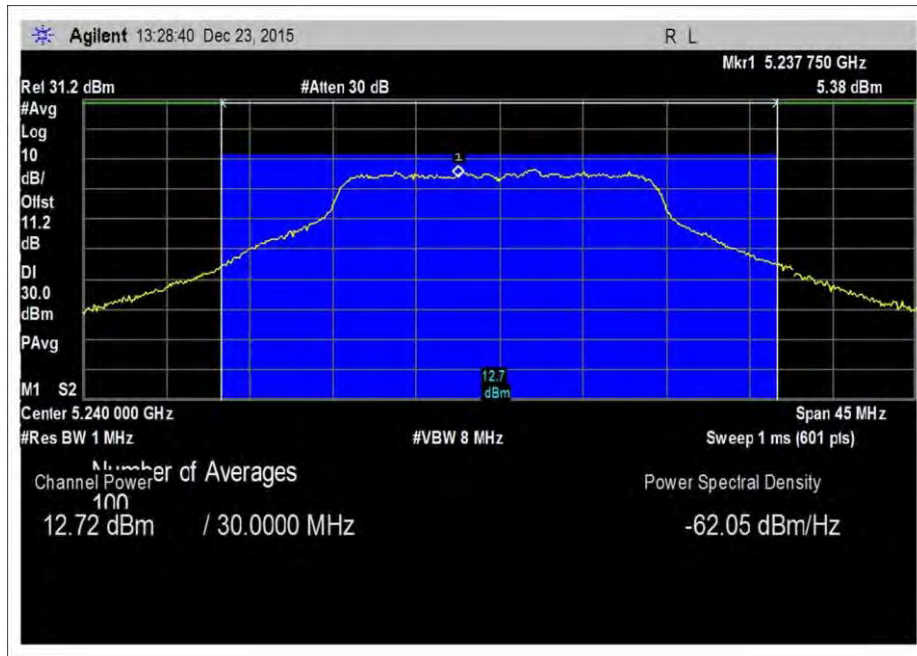
RF output power_5240MHz_band1_122315_PCII

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Testing the Future

(a)(3) Power Band 4, Original Test Date: 2/3/2010
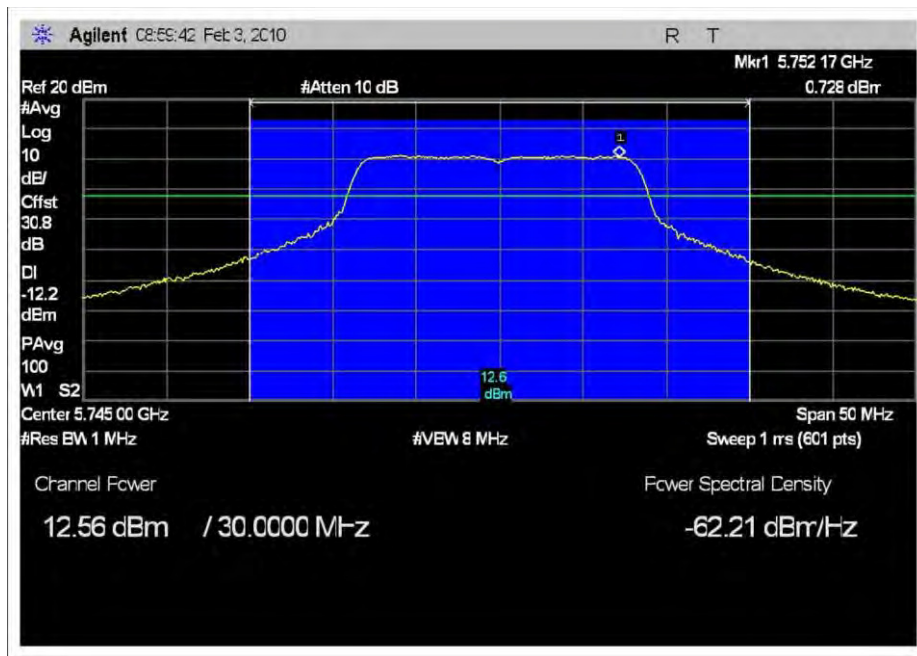
802.11a_5745MHz_pwr15_12.6dBm_orig
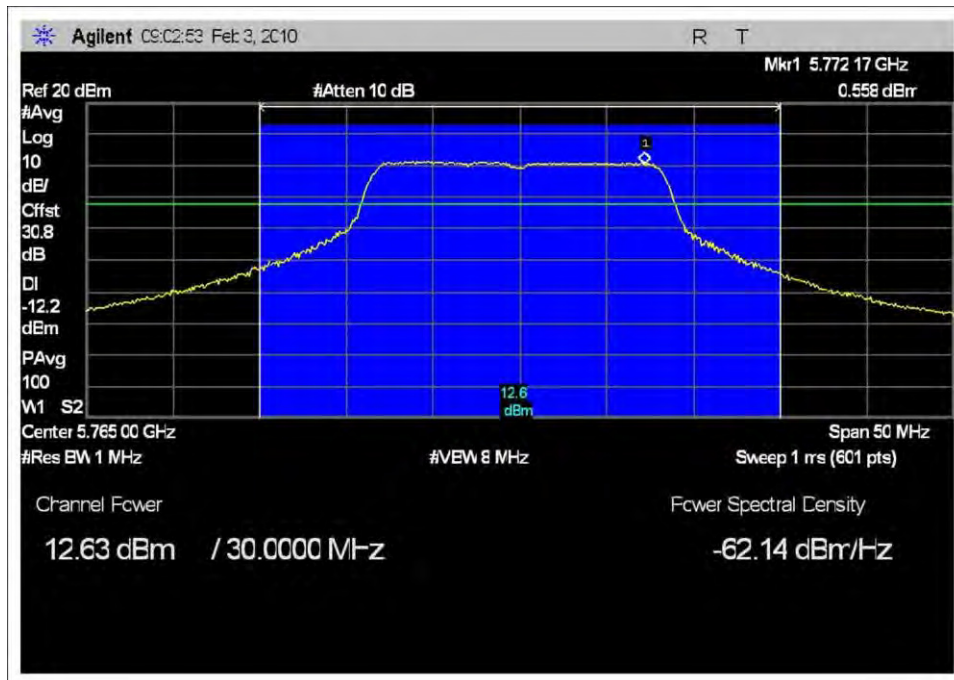
802.11a_5765MHz_pwr15_12.6dBm_orig
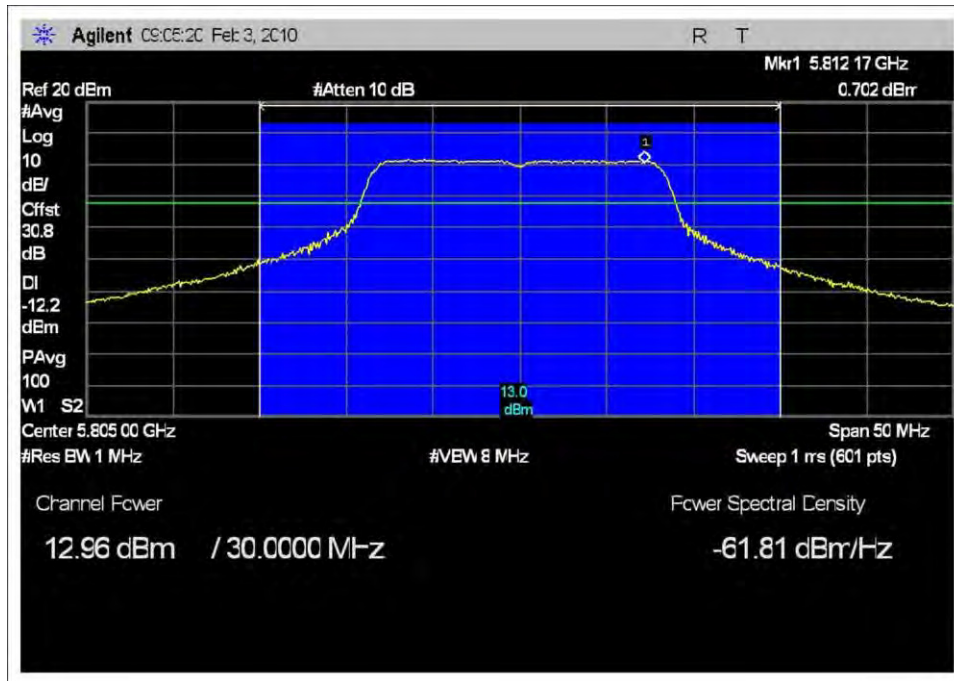
802.11a_5805MHz_pwr16_13.0dBm_orig
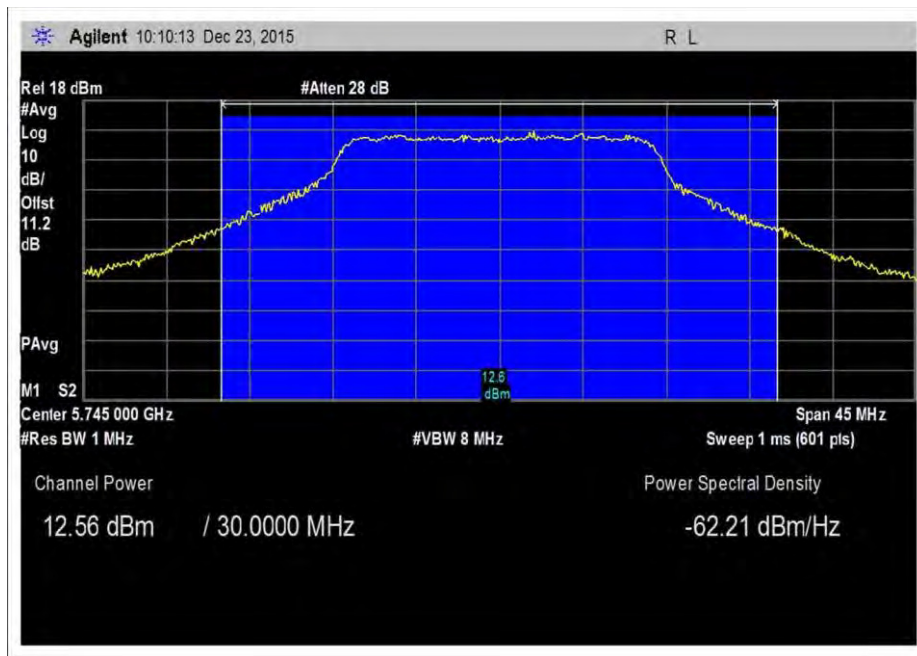
RF output power_5745MHz_12231_PCII
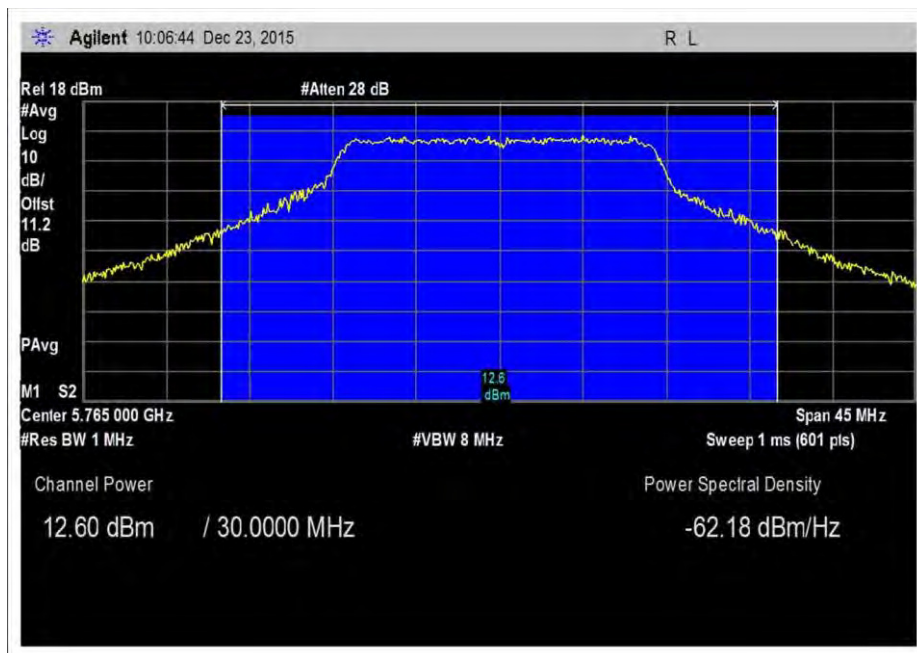
RF output power_5765MHz_12231_PCII
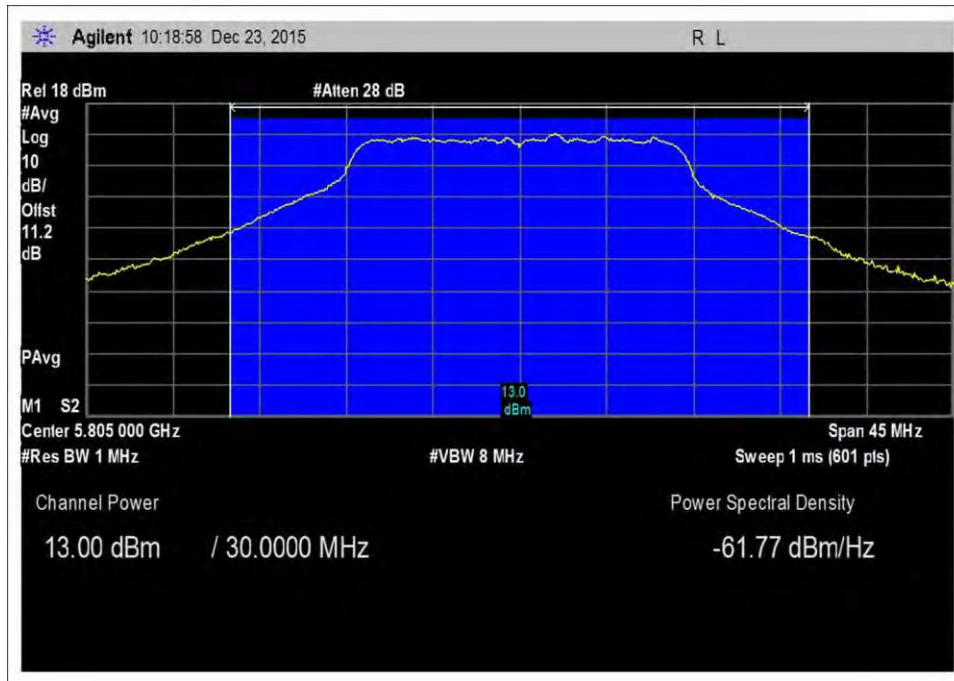
RF output power_5805MHz_122315_PCII

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
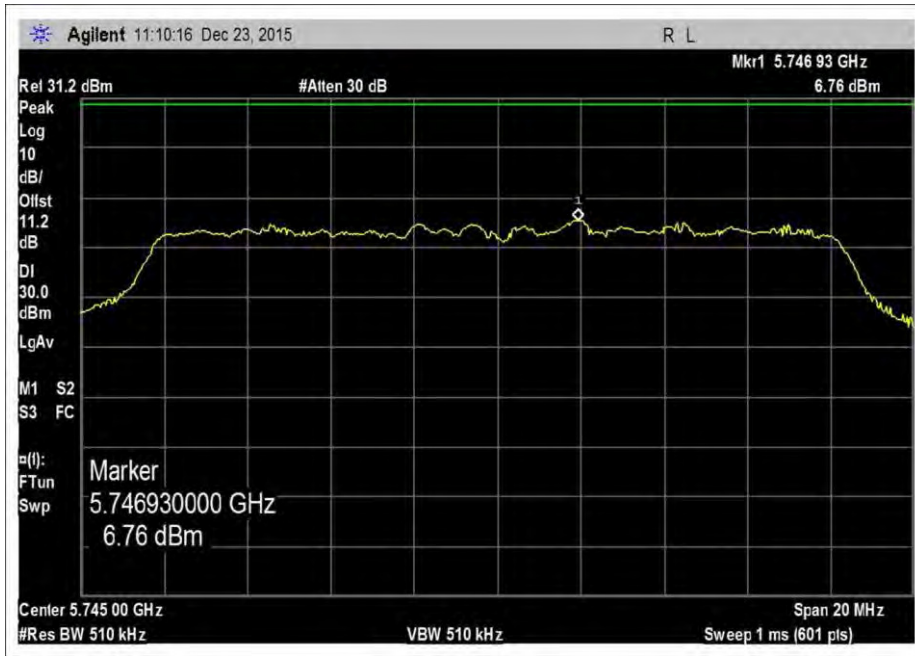
PSD plot1_5745MHz_B_PCII
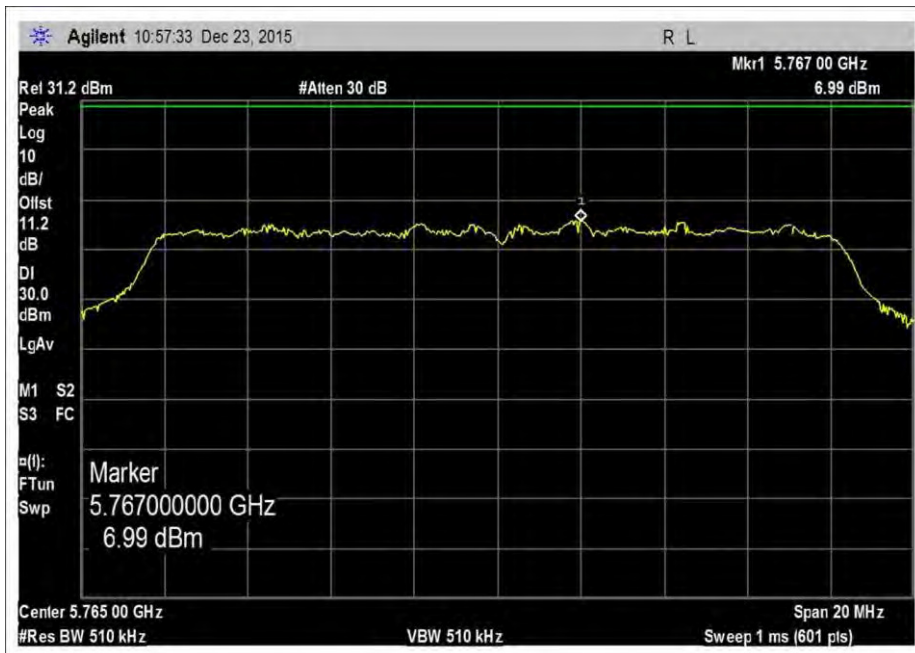
PSD plot1_5765MHz_PCII
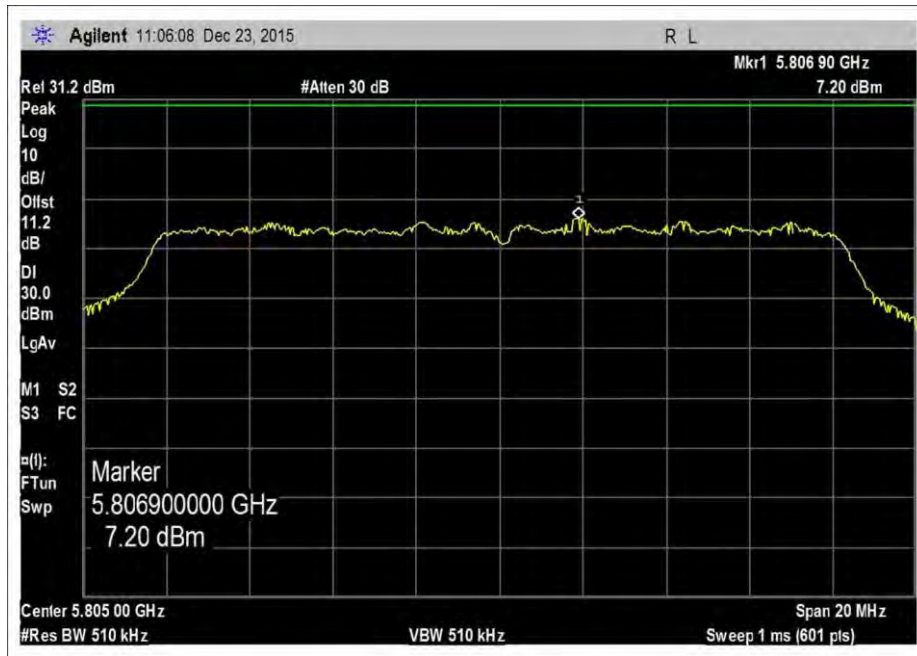
PSD plot1_5805MHz_PCII
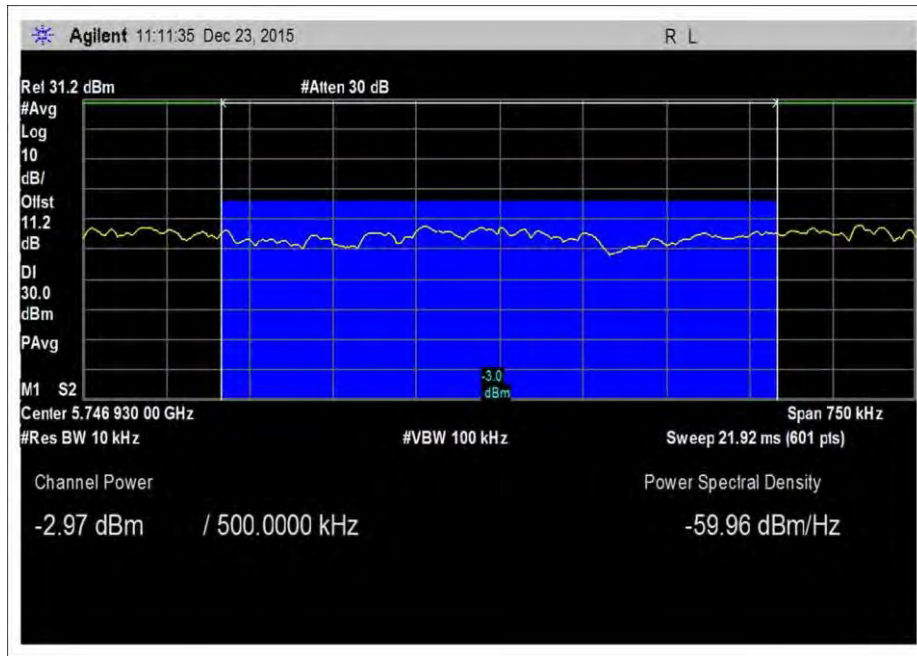
PSD plot2_500kHz_5745MHz_B_PCII
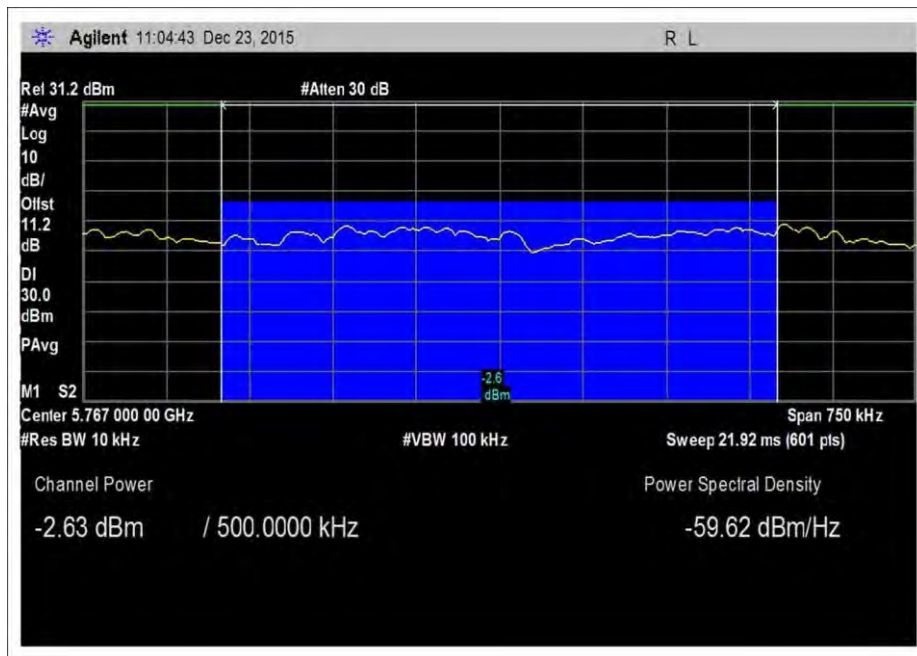
PSD plot2_500kHz_5765MHz_PCII
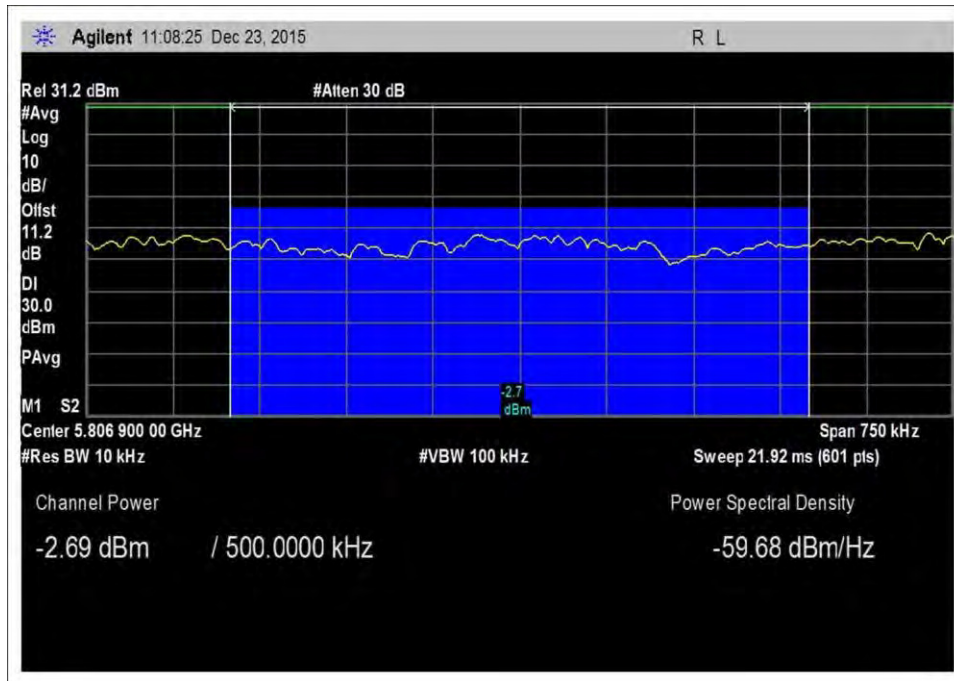
PSD plot2_500kHz_5805MHz_PCII

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

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

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

$$E = \frac{\sqrt{P x 30 G}}{d}$$

$$E = \frac{\sqrt{0.000002\,x30\,x2.24}}{3}$$

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

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

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

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

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

$$E = \frac{\sqrt{0.000002 x30 x2.6}}{3}$$

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**
Test Type:	**Radiated Scan**
Equipment:	**Wireless 802.11a/b/g SD Card Radio**
Manufacturer:	Silex Technology America, Inc.
Model:	SX-SDCAG
S/N:	E1

Date: 2/2/2010
Time: 13:43:58
Sequence#: 7
Tested By: E. Wong

*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 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	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_5805M Hz		

No.	Frequency	Reading	C1	C2	C3	C4	C5	Result	Limit	Margin	Pol	Comment
^	11611.500 M	51.9	+0.0	+0.0	+0.0	+0.0	+0.0	65.9	76.5	-10.6	Horiz	
			+0.0	+9.6	-35.9	+1.1						
			+38.8	+0.0	+0.4							Z_802.11a_5805MHz
3	11529.417 M	39.5	+0.0	+0.0	+0.0	+0.0	+0.0	53.5	76.5	-23.0	Vert	
			+0.0	+9.6	-35.9	+1.1						
	Ave		+38.8	+0.0	+0.4							Y_802.11a_5765MHz
4	11491.333 M	39.3	+0.0	+0.0	+0.0	+0.0	+0.0	53.3	76.5	-23.2	Horiz	
			+0.0	+9.6	-35.9	+1.1						
	Ave		+38.8	+0.0	+0.4							Z_802.11a_5745MHz . power 16, 10 dB pad
^	11491.333 M	52.8	+0.0	+0.0	+0.0	+0.0	+0.0	66.8	76.5	-9.7	Horiz	
			+0.0	+9.6	-35.9	+1.1						
			+38.8	+0.0	+0.4							Z_802.11a_5745MHz . power 16, 10 dB pad
6	11490.000 M	38.7	+0.0	+0.0	+0.0	+0.0	+0.0	52.7	76.5	-23.8	Vert	
			+0.0	+9.6	-35.9	+1.1						
	Ave		+38.8	+0.0	+0.4							Y_802.11a_5745MHz
7	17236.333 M	40.4	+0.0	+0.0	+0.0	+0.0	-10.0	52.6	76.5	-23.9	Horiz	
			+0.0	+12.5	-33.7	+1.5						
	Ave		+41.6	+0.0	+0.3							Z_802.11a_5745MHz , power=16, 10 dB pad, 1 meter
^	17236.333 M	53.5	+0.0	+0.0	+0.0	+0.0	-10.0	65.7	76.5	-10.8	Horiz	
			+0.0	+12.5	-33.7	+1.5						
			+41.6	+0.0	+0.3							Z_802.11a_5745MHz , power=16, 10 dB pad, 1 meter
9	11610.667 M	38.5	+0.0	+0.0	+0.0	+0.0	+0.0	52.5	76.5	-24.0	Horiz	
			+0.0	+9.6	-35.9	+1.1						
	Ave		+38.8	+0.0	+0.4							X_5805MHz
^	11610.667 M	51.1	+0.0	+0.0	+0.0	+0.0	+0.0	65.1	76.5	-11.4	Horiz	
			+0.0	+9.6	-35.9	+1.1						
			+38.8	+0.0	+0.4							X_5805MHz
11	17235.000 M	40.2	+0.0	+0.0	+0.0	+0.0	-10.0	52.4	76.5	-24.1	Horiz	
			+0.0	+12.5	-33.7	+1.5						
	Ave		+41.6	+0.0	+0.3							X_802.11a_5745MHz
12	11528.333 M	38.3	+0.0	+0.0	+0.0	+0.0	+0.0	52.3	76.5	-24.2	Horiz	
			+0.0	+9.6	-35.9	+1.1						
	Ave		+38.8	+0.0	+0.4							Z_802.11a_5765MHz
^	11528.333 M	50.7	+0.0	+0.0	+0.0	+0.0	+0.0	64.7	76.5	-11.8	Horiz	
			+0.0	+9.6	-35.9	+1.1						
			+38.8	+0.0	+0.4							Z_802.11a_5765MHz

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

No.	Frequency										Pol.	Label
28	11526.000 M	36.4	+0.0	+0.0	+0.0	+0.0	+0.0	50.4	76.5	-26.1	Horiz	
			+0.0	+9.6	-35.9	+1.1						
Ave			+38.8	+0.0	+0.4							X_802.11a_5765MHz
^	11526.000 M	49.6	+0.0	+0.0	+0.0	+0.0	+0.0	63.6	76.5	-12.9	Horiz	
			+0.0	+9.6	-35.9	+1.1						
			+38.8	+0.0	+0.4							X_802.11a_5765MHz
30	11490.000 M	36.3	+0.0	+0.0	+0.0	+0.0	+0.0	50.3	76.5	-26.2	Vert	
			+0.0	+9.6	-35.9	+1.1						
Ave			+38.8	+0.0	+0.4							X_802.11a_5745MHz
31	17421.667 M	36.1	+0.0	+0.0	+0.0	+0.0	-10.0	49.3	76.5	-27.2	Horiz	
			+0.0	+12.5	-33.6	+1.5						
Ave			+42.4	+0.0	+0.4							Z_802.11a_5805MHz
^	17421.667 M	47.3	+0.0	+0.0	+0.0	+0.0	-10.0	60.5	76.5	-16.0	Horiz	
			+0.0	+12.5	-33.6	+1.5						
			+42.4	+0.0	+0.4							Z_802.11a_5805MHz
33	15600.000 M	31.9	+0.0	+0.0	+0.0	+0.0	+0.0	49.0	76.5	-27.5	Horiz	
			+0.0	+11.8	-34.6	+1.4						
Ave			+38.0	+0.0	+0.5							Z_802.11a_5200MHz
34	6986.667M	42.3	+0.0	+0.0	+0.0	+0.0	+0.0	48.9	76.5	-27.6	Horiz	
Ave			+0.0	+6.7	-36.4	+0.8						Z_802.11a_5240MHz
			+35.0	+0.0	+0.5							
35	15600.000 M	31.7	+0.0	+0.0	+0.0	+0.0	+0.0	48.8	76.5	-27.7	Horiz	
			+0.0	+11.8	-34.6	+1.4						
Ave			+38.0	+0.0	+0.5							Y_802.11a_5200MHz
36	6906.650M	42.1	+0.0	+0.0	+0.0	+0.0	+0.0	48.5	76.5	-28.0	Vert	
Ave			+0.0	+6.7	-36.5	+0.8						Y_802.11a_5180MHz
			+34.9	+0.0	+0.5							
^	6906.650M	46.3	+0.0	+0.0	+0.0	+0.0	+0.0	52.7	76.5	-23.8	Vert	
			+0.0	+6.7	-36.5	+0.8						Y_802.11a_5180MHz
			+34.9	+0.0	+0.5							
38	6906.500M	42.1	+0.0	+0.0	+0.0	+0.0	+0.0	48.5	76.5	-28.0	Vert	
			+0.0	+6.7	-36.5	+0.8						Z_802.11a_5180MHz
			+34.9	+0.0	+0.5							
39	15720.000 M	31.0	+0.0	+0.0	+0.0	+0.0	+0.0	48.3	76.5	-28.2	Horiz	
			+0.0	+11.8	-34.4	+1.4						
Ave			+38.0	+0.0	+0.5							Z_802.11a_5240MHz
40	15600.000 M	31.2	+0.0	+0.0	+0.0	+0.0	+0.0	48.3	76.5	-28.2	Vert	
			+0.0	+11.8	-34.6	+1.4						
Ave			+38.0	+0.0	+0.5							Y_802.11a_5200MHz
41	10400.000 M	36.3	+0.0	+0.0	+0.0	+0.0	+0.0	48.2	76.5	-28.3	Horiz	
			+0.0	+8.8	-36.2	+1.0						
Ave			+38.0	+0.0	+0.3							Y_802.11a_5200MHz

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	-28.3	Horiz Z_802.11a_5200MHz
^	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	-22.2	Horiz Z_802.11a_5200MHz
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	-28.4	Vert Y_802.11a_5200MHz
^	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	-22.1	Vert Y_802.11a_5200MHz
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	-28.5	Vert Y_802.11a_5240MHz
^	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	-23.2	Vert Y_802.11a_5240MHz
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	-28.8	Horiz Z_802.11a_5180MHz
^	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	-15.0	Horiz Z_802.11a_5180MHz
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	-29.0	Vert Z_802.11a_5805MHz
^	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	-17.1	Vert Z_802.11a_5805MHz
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	-29.4	Vert Z_802.11a_5745MHz
^	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	-17.0	Vert Z_802.11a_5745MHz
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	-29.4	Vert X_802.11a_5745MHz
^	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	-17.7	Vert X_802.11a_5745MHz

	Freq											
56	11490.000 M	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	-29.7	Vert	Z_802.11a_5745MHz
Ave												
^	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	-11.0	Vert	Y_802.11a_5745MHz
^	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	-14.0	Vert	X_802.11a_5745MHz
^	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	-18.3	Vert	Z_802.11a_5745MHz
60	10400.000 M	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	-29.8	Horiz	Z_802.11a_5200MHz
Ave												
61	17289.000 M	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	-29.9	Vert	X_802.11a_5765MHz
Ave												
^	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	-18.6	Vert	X_802.11a_5765MHz
63	17292.217 M	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	-29.9	Vert	Y_802.11a_5765MHz
Ave												
^	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	-18.4	Vert	Y_802.11a_5765MHz
65	11529.333 M	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	-29.9	Vert	Z_802.11a_5765MHz
Ave												
^	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	-10.1	Vert	Y_802.11a_5765MHz
^	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	-18.0	Vert	Z_802.11a_5765MHz
68	17230.500 M	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	-30.0	Vert	Y_802.11a_5745MHz
Ave												

^	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	-18.1 Y_802.11a_5745M Hz	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	-30.3 Z_802.11a_5805M Hz	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	-19.6 Z_802.11a_5805M Hz	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	-30.6 Y_802.11a_5180M Hz	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	-30.6 Y_802.11a_5765M Hz	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	-17.7 Y_802.11a_5765M Hz	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	-30.9 Y_802.11a_5240M Hz	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	-30.9 Y_802.11a_5765M Hz	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	-18.0 Y_802.11a_5765M Hz	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	-30.9 Z_802.11a_5240M Hz	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	-31.0 Z_802.11a_5180M Hz	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	-16.6 Z_802.11a_5180M Hz	Horiz

No.	Frequency											Pol.
81	15600.000 M	28.1	+0.0	+0.0	+0.0	+0.0	+0.0	45.2	76.5	-31.3		Vert
			+0.0	+11.8	-34.6	+1.4						
Ave			+38.0	+0.0	+0.5						X_802.11a_5200MHz	
^	15600.000 M	42.2	+0.0	+0.0	+0.0	+0.0	+0.0	59.3	76.5	-17.2		Vert
			+0.0	+11.8	-34.6	+1.4						
			+38.0	+0.0	+0.5						Y_802.11a_5200MHz	
^	15600.000 M	40.3	+0.0	+0.0	+0.0	+0.0	+0.0	57.4	76.5	-19.1		Vert
			+0.0	+11.8	-34.6	+1.4						
			+38.0	+0.0	+0.5						X_802.11a_5200MHz	
84	10400.000 M	33.3	+0.0	+0.0	+0.0	+0.0	+0.0	45.2	76.5	-31.3		Vert
			+0.0	+8.8	-36.2	+1.0						
Ave			+38.0	+0.0	+0.3						X_802.11a_5200MHz	
85	10480.000 M	33.1	+0.0	+0.0	+0.0	+0.0	+0.0	45.1	76.5	-31.4		Horiz
			+0.0	+8.9	-36.2	+1.0						
Ave			+38.0	+0.0	+0.3						X_802.11a_5240MHz	
86	10358.500 M	33.2	+0.0	+0.0	+0.0	+0.0	+0.0	45.1	76.5	-31.4		Horiz
			+0.0	+8.8	-36.2	+1.0						
Ave			+38.0	+0.0	+0.3						X_802.11a_5180MHz	
^	10358.500 M	47.0	+0.0	+0.0	+0.0	+0.0	+0.0	58.9	76.5	-17.6		Horiz
			+0.0	+8.8	-36.2	+1.0						
			+38.0	+0.0	+0.3						X_802.11a_5180MHz	
88	11610.000 M	31.1	+0.0	+0.0	+0.0	+0.0	+0.0	45.1	76.5	-31.4		Horiz
			+0.0	+9.6	-35.9	+1.1						
Ave			+38.8	+0.0	+0.4						Y-802.11a_5805MHz	
^	11610.000 M	43.1	+0.0	+0.0	+0.0	+0.0	+0.0	57.1	76.5	-19.4		Horiz
			+0.0	+9.6	-35.9	+1.1						
			+38.8	+0.0	+0.4						Y-802.11a_5805MHz	
90	10479.000 M	33.0	+0.0	+0.0	+0.0	+0.0	+0.0	45.0	76.5	-31.5		Vert
			+0.0	+8.9	-36.2	+1.0						
Ave			+38.0	+0.0	+0.3						Z_802.11a_5240MHz	
^	10479.000 M	46.8	+0.0	+0.0	+0.0	+0.0	+0.0	58.8	76.5	-17.7		Vert
			+0.0	+8.9	-36.2	+1.0						
			+38.0	+0.0	+0.3						Z_802.11a_5240MHz	
92	10358.000 M	33.1	+0.0	+0.0	+0.0	+0.0	+0.0	45.0	76.5	-31.5		Vert
			+0.0	+8.8	-36.2	+1.0						
Ave			+38.0	+0.0	+0.3						X_802.11a_5180MHz	
^	10358.000 M	47.4	+0.0	+0.0	+0.0	+0.0	+0.0	59.3	76.5	-17.2		Vert
			+0.0	+8.8	-36.2	+1.0						
			+38.0	+0.0	+0.3						X_802.11a_5180MHz	

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

	Freq											
106	10480.000 M	32.3	+0.0	+0.0	+0.0	+0.0	+0.0	44.3	76.5	-32.2	Vert
			+0.0	+8.9	-36.2	+1.0					
Ave			+38.0	+0.0	+0.3				X_802.11a_5240MHz		
^	10480.000 M	43.4	+0.0	+0.0	+0.0	+0.0	+0.0	55.4	76.5	-21.1	Vert
			+0.0	+8.9	-36.2	+1.0					
			+38.0	+0.0	+0.3				X_802.11a_5240MHz		
108	15720.000 M	26.8	+0.0	+0.0	+0.0	+0.0	+0.0	44.1	76.5	-32.4	Vert
			+0.0	+11.8	-34.4	+1.4					
Ave			+38.0	+0.0	+0.5				X_802.11a_5240MHz		
109	15720.000 M	26.7	+0.0	+0.0	+0.0	+0.0	+0.0	44.0	76.5	-32.5	Horiz
			+0.0	+11.8	-34.4	+1.4					
Ave			+38.0	+0.0	+0.5				X_802.11a_5240MHz		
^	15720.000 M	43.2	+0.0	+0.0	+0.0	+0.0	+0.0	60.5	76.5	-16.0	Horiz
			+0.0	+11.8	-34.4	+1.4					
			+38.0	+0.0	+0.5				Z_802.11a_5240MHz		
^	15720.000 M	40.4	+0.0	+0.0	+0.0	+0.0	+0.0	57.7	76.5	-18.8	Horiz
			+0.0	+11.8	-34.4	+1.4					
			+38.0	+0.0	+0.5				Y_802.11a_5240MHz		
^	15720.000 M	39.5	+0.0	+0.0	+0.0	+0.0	+0.0	56.8	76.5	-19.7	Horiz
			+0.0	+11.8	-34.4	+1.4					
			+38.0	+0.0	+0.5				X_802.11a_5240MHz		
113	15540.000 M	27.0	+0.0	+0.0	+0.0	+0.0	+0.0	44.0	76.5	-32.5	Horiz
			+0.0	+11.7	-34.6	+1.4					
Ave			+38.0	+0.0	+0.5				Y_802.11a_5180MHz		
^	15540.000 M	39.1	+0.0	+0.0	+0.0	+0.0	+0.0	56.1	76.5	-20.4	Horiz
			+0.0	+11.7	-34.6	+1.4					
			+38.0	+0.0	+0.5				Y_802.11a_5180MHz		
115	15540.000 M	27.0	+0.0	+0.0	+0.0	+0.0	+0.0	44.0	76.5	-32.5	Vert
			+0.0	+11.7	-34.6	+1.4					
Ave			+38.0	+0.0	+0.5				Z_802.11a_5180MHz		
^	15540.000 M	40.9	+0.0	+0.0	+0.0	+0.0	+0.0	57.9	76.5	-18.6	Vert
			+0.0	+11.7	-34.6	+1.4					
			+38.0	+0.0	+0.5				Y_802.11a_5180MHz		
^	15540.000 M	39.5	+0.0	+0.0	+0.0	+0.0	+0.0	56.5	76.5	-20.0	Vert
			+0.0	+11.7	-34.6	+1.4					
			+38.0	+0.0	+0.5				Z_802.11a_5180MHz		

No.	Frequency	Detector	Reading	\	\	\	\	\	Corr.	Limit	Margin	Pol.
118	11490.000 M		29.5	+0.0	+0.0	+0.0	+0.0	+0.0	43.5	76.5	-33.0	Horiz
				+0.0	+9.6	-35.9	+1.1					
		Ave		+38.8	+0.0	+0.4						Y_802.11a_5745MHz
^	11490.000 M		48.5	+0.0	+0.0	+0.0	+0.0	+0.0	62.5	76.5	-14.0	Horiz
				+0.0	+9.6	-35.9	+1.1					
				+38.8	+0.0	+0.4						X_802.11a_5745MHz
^	11490.000 M		40.3	+0.0	+0.0	+0.0	+0.0	+0.0	54.3	76.5	-22.2	Horiz
				+0.0	+9.6	-35.9	+1.1					
				+38.8	+0.0	+0.4						Y_802.11a_5745MHz
121	15538.583 M		26.5	+0.0	+0.0	+0.0	+0.0	+0.0	43.5	76.5	-33.0	Vert
				+0.0	+11.7	-34.6	+1.4					
		Ave		+38.0	+0.0	+0.5						X_802.11a_5180MHz
^	15538.583 M		38.0	+0.0	+0.0	+0.0	+0.0	+0.0	55.0	76.5	-21.5	Vert
				+0.0	+11.7	-34.6	+1.4					
				+38.0	+0.0	+0.5						X_802.11a_5180MHz
123	10399.167 M		31.4	+0.0	+0.0	+0.0	+0.0	+0.0	43.3	76.5	-33.2	Vert
				+0.0	+8.8	-36.2	+1.0					
		Ave		+38.0	+0.0	+0.3						Z_802.11a_5200MHz
^	10399.167 M		43.1	+0.0	+0.0	+0.0	+0.0	+0.0	55.0	76.5	-21.5	Vert
				+0.0	+8.8	-36.2	+1.0					
				+38.0	+0.0	+0.3						Z_802.11a_5200MHz
125	15720.000 M		25.6	+0.0	+0.0	+0.0	+0.0	+0.0	42.9	76.5	-33.6	Vert
				+0.0	+11.8	-34.4	+1.4					
		Ave		+38.0	+0.0	+0.5						Y_802.11a_5240MHz
^	15720.000 M		38.8	+0.0	+0.0	+0.0	+0.0	+0.0	56.1	76.5	-20.4	Vert
				+0.0	+11.8	-34.4	+1.4					
				+38.0	+0.0	+0.5						X_802.11a_5240MHz
^	15720.000 M		38.4	+0.0	+0.0	+0.0	+0.0	+0.0	55.7	76.5	-20.8	Vert
				+0.0	+11.8	-34.4	+1.4					
				+38.0	+0.0	+0.5						Y_802.11a_5240MHz
128	6986.667M	Ave	36.2	+0.0	+0.0	+0.0	+0.0	+0.0	42.8	76.5	-33.7	Vert
				+0.0	+6.7	-36.4	+0.8					Z_802.11a_5240MHz
				+35.0	+0.0	+0.5						
^	6986.667M		42.9	+0.0	+0.0	+0.0	+0.0	+0.0	49.5	76.5	-27.0	Vert
				+0.0	+6.7	-36.4	+0.8					Z_802.11a_5240MHz
				+35.0	+0.0	+0.5						

No.	Frequency	Reading									Pol.
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	-33.7 Y_802.11a_5180MHz	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	-21.8 Y_802.11a_5180MHz	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	-33.9 X_802.11a_5200MHz	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	-14.1 Z_802.11a_5200MHz	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	-16.7 Y_802.11a_5200MHz	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	-21.3 X_802.11a_5200MHz	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	-33.9 Z_802.11a_5200MHz	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	-22.1 Z_802.11a_5200MHz	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	-33.9 Y_802.11a_5240MHz	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	-19.8 Y_802.11a_5240MHz	Vert

No.	Frequency	Det.	Level									Pol.	Antenna
141	15719.000M		25.2	+0.0	+0.0	+0.0	+0.0	+0.0	42.5	76.5	-34.0	Vert	
		Ave		+0.0	+11.8	-34.4	+1.4						Z_802.11a_5240MHz
				+38.0	+0.0	+0.5							
^	15719.000M		36.2	+0.0	+0.0	+0.0	+0.0	+0.0	53.5	76.5	-23.0	Vert	
				+0.0	+11.8	-34.4	+1.4						Z_802.11a_5240MHz
				+38.0	+0.0	+0.5							
143	550.000M	QP	47.0	+0.0	+18.4	+0.4	+4.3	+0.0	42.5	76.5	-34.0	Horiz	
				-27.6	+0.0	+0.0	+0.0						
				+0.0	+0.0	+0.0							
^	550.000M		49.6	+0.0	+18.4	+0.4	+4.3	+0.0	45.1	76.5	-31.4	Horiz	
				-27.6	+0.0	+0.0	+0.0						
				+0.0	+0.0	+0.0							
^	550.000M		48.3	+0.0	+18.4	+0.4	+4.3	+0.0	43.8	76.5	-32.7	Horiz	
				-27.6	+0.0	+0.0	+0.0						
				+0.0	+0.0	+0.0							
^	549.998M		36.4	+0.0	+18.4	+0.4	+4.3	+0.0	31.9	76.5	-44.6	Horiz	
				-27.6	+0.0	+0.0	+0.0						
				+0.0	+0.0	+0.0							
147	6933.483M	Ave	36.1	+0.0	+0.0	+0.0	+0.0	+0.0	42.5	76.5	-34.0	Vert	
				+0.0	+6.7	-36.5	+0.8						Z_802.11a_5200MHz
				+34.9	+0.0	+0.5							
^	6933.483M		44.1	+0.0	+0.0	+0.0	+0.0	+0.0	50.5	76.5	-26.0	Vert	
				+0.0	+6.7	-36.5	+0.8						Z_802.11a_5200MHz
				+34.9	+0.0	+0.5							
149	10360.000M	Ave	30.5	+0.0	+0.0	+0.0	+0.0	+0.0	42.4	76.5	-34.1	Vert	
				+0.0	+8.8	-36.2	+1.0						Z_802.11a_5180MHz
				+38.0	+0.0	+0.3							
150	15538.580M	Ave	25.4	+0.0	+0.0	+0.0	+0.0	+0.0	42.4	76.5	-34.1	Horiz	
				+0.0	+11.7	-34.6	+1.4						X_802.11a_5180MHz
				+38.0	+0.0	+0.5							
^	15538.580M		37.1	+0.0	+0.0	+0.0	+0.0	+0.0	54.1	76.5	-22.4	Horiz	
				+0.0	+11.7	-34.6	+1.4						X_802.11a_5180MHz
				+38.0	+0.0	+0.5							
152	10400.000M	Ave	30.4	+0.0	+0.0	+0.0	+0.0	+0.0	42.3	76.5	-34.2	Vert	
				+0.0	+8.8	-36.2	+1.0						Y_802.11a_5200MHz
				+38.0	+0.0	+0.3							
^	10400.000M		46.0	+0.0	+0.0	+0.0	+0.0	+0.0	57.9	76.5	-18.6	Vert	
				+0.0	+8.8	-36.2	+1.0						X_802.11a_5200MHz
				+38.0	+0.0	+0.3							
^	10400.000M		40.5	+0.0	+0.0	+0.0	+0.0	+0.0	52.4	76.5	-24.1	Vert	
				+0.0	+8.8	-36.2	+1.0						Y_802.11a_5200MHz
				+38.0	+0.0	+0.3							

No.	Freq	Reading					Limit	Level	Dist	Margin	Pol	Signal
155	17235.000 M	30.1	+0.0	+0.0	+0.0	+0.0	-10.0	42.3	76.5	-34.2	Horiz	
			+0.0	+12.5	-33.7	+1.5						
	Ave		+41.6	+0.0	+0.3							Y_802.11a_5745MHz
^	17235.000 M	57.0	+0.0	+0.0	+0.0	+0.0	-10.0	69.2	76.5	-7.3	Horiz	
			+0.0	+12.5	-33.7	+1.5						
			+41.6	+0.0	+0.3							X_802.11a_5745MHz
^	17235.000 M	44.8	+0.0	+0.0	+0.0	+0.0	-10.0	57.0	76.5	-19.5	Horiz	
			+0.0	+12.5	-33.7	+1.5						
			+41.6	+0.0	+0.3							Y_802.11a_5745MHz
158	10360.000 M	30.3	+0.0	+0.0	+0.0	+0.0	+0.0	42.2	76.5	-34.3	Vert	
			+0.0	+8.8	-36.2	+1.0						
	Ave		+38.0	+0.0	+0.3							Y_802.11a_5180MHz
^	10360.000 M	43.3	+0.0	+0.0	+0.0	+0.0	+0.0	55.2	76.5	-21.3	Vert	
			+0.0	+8.8	-36.2	+1.0						
			+38.0	+0.0	+0.3							Z_802.11a_5180MHz
^	10360.000 M	43.3	+0.0	+0.0	+0.0	+0.0	+0.0	55.2	76.5	-21.3	Vert	
			+0.0	+8.8	-36.2	+1.0						
			+38.0	+0.0	+0.3							Y_802.11a_5180MHz
161	800.000M	40.3	+0.0	+22.5	+0.4	+5.3	+0.0	41.3	76.5	-35.2	Horiz	
	QP		-27.2	+0.0	+0.0	+0.0						
			+0.0	+0.0	+0.0							
162	6933.333M	34.5	+0.0	+0.0	+0.0	+0.0	+0.0	40.9	76.5	-35.6	Horiz	
	Ave		+0.0	+6.7	-36.5	+0.8						Y_802.11a_5200MHz
			+34.9	+0.0	+0.5							
^	6933.333M	42.4	+0.0	+0.0	+0.0	+0.0	+0.0	48.8	76.5	-27.7	Horiz	
			+0.0	+6.7	-36.5	+0.8						Y_802.11a_5200MHz
			+34.9	+0.0	+0.5							
164	10400.000 M	28.9	+0.0	+0.0	+0.0	+0.0	+0.0	40.8	76.5	-35.7	Horiz	
			+0.0	+8.8	-36.2	+1.0						
	Ave		+38.0	+0.0	+0.3							X_802.11a_5200MHz
^	10400.000 M	48.7	+0.0	+0.0	+0.0	+0.0	+0.0	60.6	76.5	-15.9	Horiz	
			+0.0	+8.8	-36.2	+1.0						
			+38.0	+0.0	+0.3							Z_802.11a_5200MHz
^	10400.000 M	46.5	+0.0	+0.0	+0.0	+0.0	+0.0	58.4	76.5	-18.1	Horiz	
			+0.0	+8.8	-36.2	+1.0						
			+38.0	+0.0	+0.3							Y_802.11a_5200MHz
^	10400.000 M	42.6	+0.0	+0.0	+0.0	+0.0	+0.0	54.5	76.5	-22.0	Horiz	
			+0.0	+8.8	-36.2	+1.0						
			+38.0	+0.0	+0.3							X_802.11a_5200MHz

No.	Frequency	Reading						Level	Limit	Margin	Pol.	Notes
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	-36.1	Horiz	Y_802.11a_5180MHz
^	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	-22.5	Horiz	Z_802.11a_5180MHz
^	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	-26.6	Horiz	Y_802.11a_5180MHz
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	-36.1	Horiz	Y_802.11a_5240MHz
^	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	-22.9	Horiz	Z_802.11a_5240MHz
^	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	-27.3	Horiz	Y_802.11a_5240MHz
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	22973.333M 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	
^	22973.333M	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	+16.6	+0.3	+3.8	+0.0	37.0	76.5	-39.5	Horiz
			-27.8	+0.0	+0.0	+0.0					
			+0.0	+0.0	+0.0						
201	900.000M	33.8	+0.0	+23.8	+0.7	+5.7	+0.0	36.8	76.5	-39.7	Vert
			-27.2	+0.0	+0.0	+0.0					
			+0.0	+0.0	+0.0						
202	267.020M	40.9	+20.3	+0.0	+0.3	+2.9	+0.0	36.6	76.5	-39.9	Horiz
			-27.8	+0.0	+0.0	+0.0					
			+0.0	+0.0	+0.0						
203	23063.333 M Ave	37.5	+0.0	+0.0	+0.0	+0.0	-10.0	36.5	76.5	-40.0	Vert
			+0.0	+0.0	-32.4	+1.7					
			+0.0	+39.7	+0.0						
^	23063.333 M	49.3	+0.0	+0.0	+0.0	+0.0	-10.0	48.3	76.5	-28.2	Vert
			+0.0	+0.0	-32.4	+1.7					
			+0.0	+39.7	+0.0						
205	225.020M	43.4	+17.9	+0.0	+0.3	+2.6	+0.0	36.3	76.5	-40.2	Vert
			-27.9	+0.0	+0.0	+0.0					
			+0.0	+0.0	+0.0						
206	449.966M	43.2	+0.0	+16.6	+0.3	+3.8	+0.0	36.1	76.5	-40.4	Vert
			-27.8	+0.0	+0.0	+0.0					
			+0.0	+0.0	+0.0						
207	399.966M QP	44.0	+0.0	+15.7	+0.4	+3.6	+0.0	35.9	76.5	-40.6	Vert
			-27.8	+0.0	+0.0	+0.0					
			+0.0	+0.0	+0.0						
^	399.966M	47.4	+0.0	+15.7	+0.4	+3.6	+0.0	39.3	76.5	-37.2	Vert
			-27.8	+0.0	+0.0	+0.0					
			+0.0	+0.0	+0.0						
209	700.000M	34.2	+0.0	+23.5	+0.5	+4.9	+0.0	35.8	76.5	-40.7	Vert
			-27.3	+0.0	+0.0	+0.0					
			+0.0	+0.0	+0.0						
210	225.000M	42.8	+17.9	+0.0	+0.3	+2.6	+0.0	35.7	76.5	-40.8	Horiz
			-27.9	+0.0	+0.0	+0.0					
			+0.0	+0.0	+0.0						
211	500.000M	41.5	+0.0	+17.4	+0.4	+4.1	+0.0	35.6	76.5	-40.9	Vert
			-27.8	+0.0	+0.0	+0.0					
			+0.0	+0.0	+0.0						
212	349.994M	40.5	+0.0	+18.9	+0.3	+3.3	+0.0	35.2	76.5	-41.3	Horiz
			-27.8	+0.0	+0.0	+0.0					
			+0.0	+0.0	+0.0						
213	20973.333 M Ave	36.7	+0.0	+0.0	+0.0	+0.0	-10.0	35.0	76.5	-41.5	Vert
			+0.0	+0.0	-32.9	+1.6					
			+0.0	+39.6	+0.0						
^	20973.333 M	54.4	+0.0	+0.0	+0.0	+0.0	-10.0	52.7	76.5	-23.8	Vert
			+0.0	+0.0	-32.9	+1.6					
			+0.0	+39.6	+0.0						
215	124.510M	44.9	+15.9	+0.0	+0.2	+1.8	+0.0	34.9	76.5	-41.6	Horiz
			-27.9	+0.0	+0.0	+0.0					
			+0.0	+0.0	+0.0						
216	700.017M	33.2	+0.0	+23.5	+0.5	+4.9	+0.0	34.8	76.5	-41.7	Horiz
			-27.3	+0.0	+0.0	+0.0					
			+0.0	+0.0	+0.0						

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

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

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

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

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

CKC Laboratories, Inc. Date: 2/2/2010 Time: 13:43:58 Silex Technology, America, Inc. WO#: 90303
FCC 15.407 (b)(1).(b)(4) Test Distance: 1 Meter Sequence#: 7
SX-SDCAG

Readings
* Average Readings
—— 1 - FCC 15.407 (b)(1).(b)(4)
○ Peak Readings
▼ Ambient
× QP Readings
Software Version: 4.01.38

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**
Test Type:	**Radiated Scan**
Equipment:	**Wireless 802.11a/b/g SD Card Radio**
Manufacturer:	Silex Technology America, Inc.
Model:	SX-SDCAG
S/N:	E1

Date: 2/2/2010
Time: 13:43:58
Sequence#: 7
Tested By: E. Wong

*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	11611.500 M	39.7	+0.0 +0.0	+0.0 +9.6	+0.0 -35.9	+0.0 +1.1	+0.0	53.7	71.7	-18.0	Horiz
	Ave		+38.8	+0.0	+0.4				Z_802.11a_5805MHz		

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

No.	Freq						Limit			Margin	Pol.	Detector
14	17289.000 M	39.7	+0.0	+0.0	+0.0	+0.0	-10.0	52.2	71.7	-19.5	Horiz	
			+0.0	+12.5	-33.6	+1.5						
Ave			+41.8	+0.0	+0.3							X_802.11a_5765MHz
^	17289.000 M	54.1	+0.0	+0.0	+0.0	+0.0	-10.0	66.6	71.7	-5.1	Horiz	
			+0.0	+12.5	-33.6	+1.5						
			+41.8	+0.0	+0.3							X_802.11a_5765MHz
16	11612.330 M	37.3	+0.0	+0.0	+0.0	+0.0	+0.0	51.3	71.7	-20.4	Vert	
			+0.0	+9.6	-35.9	+1.1						
Ave			+38.8	+0.0	+0.4							Y-802.11a_5805MHz
^	11612.330 M	49.4	+0.0	+0.0	+0.0	+0.0	+0.0	63.4	71.7	-8.3	Vert	
			+0.0	+9.6	-35.9	+1.1						
			+38.8	+0.0	+0.4							Y-802.11a_5805MHz
18	11606.017 M	37.3	+0.0	+0.0	+0.0	+0.0	+0.0	51.3	71.7	-20.4	Vert	
			+0.0	+9.6	-35.9	+1.1						
Ave			+38.8	+0.0	+0.4							X_5805MHz
^	11606.000 M	48.5	+0.0	+0.0	+0.0	+0.0	+0.0	62.5	71.7	-9.2	Vert	
			+0.0	+9.6	-35.9	+1.1						
			+38.8	+0.0	+0.4							X_5805MHz
20	17411.333 M	37.9	+0.0	+0.0	+0.0	+0.0	-10.0	51.1	71.7	-20.6	Horiz	
			+0.0	+12.5	-33.6	+1.5						
Ave			+42.4	+0.0	+0.4							X_5805MHz
^	17411.333 M	53.4	+0.0	+0.0	+0.0	+0.0	-10.0	66.6	71.7	-5.1	Horiz	
			+0.0	+12.5	-33.6	+1.5						
			+42.4	+0.0	+0.4							X_5805MHz
22	11490.000 M	37.0	+0.0	+0.0	+0.0	+0.0	+0.0	51.0	71.7	-20.7	Horiz	
			+0.0	+9.6	-35.9	+1.1						
Ave			+38.8	+0.0	+0.4							X_802.11a_5745MHz
23	17283.333 M	38.3	+0.0	+0.0	+0.0	+0.0	-10.0	50.8	71.7	-20.9	Horiz	
			+0.0	+12.5	-33.6	+1.5						
Ave			+41.8	+0.0	+0.3							Z_802.11a_5765MHz
^	17283.333 M	52.6	+0.0	+0.0	+0.0	+0.0	-10.0	65.1	71.7	-6.6	Horiz	
			+0.0	+12.5	-33.6	+1.5						
			+41.8	+0.0	+0.3							Z_802.11a_5765MHz
25	11525.933 M	36.7	+0.0	+0.0	+0.0	+0.0	+0.0	50.7	71.7	-21.0	Vert	
			+0.0	+9.6	-35.9	+1.1						
Ave			+38.8	+0.0	+0.4							X_802.11a_5765MHz
^	11526.000 M	47.2	+0.0	+0.0	+0.0	+0.0	+0.0	61.2	71.7	-10.5	Vert	
			+0.0	+9.6	-35.9	+1.1						
			+38.8	+0.0	+0.4							X_802.11a_5765MHz

No.	Freq										Pol	Description
27	6906.567M	44.1	+0.0	+0.0	+0.0	+0.0	+0.0	50.5	71.7	-21.2	Horiz	
	Ave		+0.0	+6.7	-36.5	+0.8						Z_802.11a_5180MHz
			+34.9	+0.0	+0.5							
28	11526.000 M	36.4	+0.0	+0.0	+0.0	+0.0	+0.0	50.4	71.7	-21.3	Horiz	
			+0.0	+9.6	-35.9	+1.1						
	Ave		+38.8	+0.0	+0.4							X_802.11a_5765MHz
^	11526.000 M	49.6	+0.0	+0.0	+0.0	+0.0	+0.0	63.6	71.7	-8.1	Horiz	
			+0.0	+9.6	-35.9	+1.1						
			+38.8	+0.0	+0.4							X_802.11a_5765MHz
30	11490.000 M	36.3	+0.0	+0.0	+0.0	+0.0	+0.0	50.3	71.7	-21.4	Vert	
			+0.0	+9.6	-35.9	+1.1						
	Ave		+38.8	+0.0	+0.4							X_802.11a_5745MHz
31	17421.667 M	36.1	+0.0	+0.0	+0.0	+0.0	-10.0	49.3	71.7	-22.4	Horiz	
	Ave		+0.0	+12.5	-33.6	+1.5						
			+42.4	+0.0	+0.4							Z_802.11a_5805MHz
^	17421.667 M	47.3	+0.0	+0.0	+0.0	+0.0	-10.0	60.5	71.7	-11.2	Horiz	
			+0.0	+12.5	-33.6	+1.5						
			+42.4	+0.0	+0.4							Z_802.11a_5805MHz
33	15600.000 M	31.9	+0.0	+0.0	+0.0	+0.0	+0.0	49.0	71.7	-22.7	Horiz	
			+0.0	+11.8	-34.6	+1.4						
	Ave		+38.0	+0.0	+0.5							Z_802.11a_5200MHz
34	6986.667M	42.3	+0.0	+0.0	+0.0	+0.0	+0.0	48.9	71.7	-22.8	Horiz	
	Ave		+0.0	+6.7	-36.4	+0.8						Z_802.11a_5240MHz
			+35.0	+0.0	+0.5							
35	15600.000 M	31.7	+0.0	+0.0	+0.0	+0.0	+0.0	48.8	71.7	-22.9	Horiz	
			+0.0	+11.8	-34.6	+1.4						
	Ave		+38.0	+0.0	+0.5							Y_802.11a_5200MHz
36	6906.650M	42.1	+0.0	+0.0	+0.0	+0.0	+0.0	48.5	71.7	-23.2	Vert	
	Ave		+0.0	+6.7	-36.5	+0.8						Y_802.11a_5180MHz
			+34.9	+0.0	+0.5							
^	6906.650M	46.3	+0.0	+0.0	+0.0	+0.0	+0.0	52.7	71.7	-19.0	Vert	
			+0.0	+6.7	-36.5	+0.8						Y_802.11a_5180MHz
			+34.9	+0.0	+0.5							
38	6906.500M	42.1	+0.0	+0.0	+0.0	+0.0	+0.0	48.5	71.7	-23.2	Vert	
			+0.0	+6.7	-36.5	+0.8						Z_802.11a_5180MHz
			+34.9	+0.0	+0.5							
39	15720.000 M	31.0	+0.0	+0.0	+0.0	+0.0	+0.0	48.3	71.7	-23.4	Horiz	
			+0.0	+11.8	-34.4	+1.4						
	Ave		+38.0	+0.0	+0.5							Z_802.11a_5240MHz
40	15600.000 M	31.2	+0.0	+0.0	+0.0	+0.0	+0.0	48.3	71.7	-23.4	Vert	
			+0.0	+11.8	-34.6	+1.4						
	Ave		+38.0	+0.0	+0.5							Y_802.11a_5200MHz

41	10400.000 M	36.3	+0.0	+0.0	+0.0	+0.0	+0.0	48.2	71.7	-23.5	Horiz
			+0.0	+8.8	-36.2	+1.0					
	Ave		+38.0	+0.0	+0.3				Y_802.11a_5200MHz		
42	6933.497M	41.8	+0.0	+0.0	+0.0	+0.0	+0.0	48.2	71.7	-23.5	Horiz
	Ave		+0.0	+6.7	-36.5	+0.8			Z_802.11a_5200MHz		
			+34.9	+0.0	+0.5						
^	6933.497M	47.9	+0.0	+0.0	+0.0	+0.0	+0.0	54.3	71.7	-17.4	Horiz
			+0.0	+6.7	-36.5	+0.8			Z_802.11a_5200MHz		
			+34.9	+0.0	+0.5						
44	6933.050M	41.7	+0.0	+0.0	+0.0	+0.0	+0.0	48.1	71.7	-23.6	Vert
	Ave		+0.0	+6.7	-36.5	+0.8			Y_802.11a_5200MHz		
			+34.9	+0.0	+0.5						
^	6933.050M	48.0	+0.0	+0.0	+0.0	+0.0	+0.0	54.4	71.7	-17.3	Vert
			+0.0	+6.7	-36.5	+0.8			Y_802.11a_5200MHz		
			+34.9	+0.0	+0.5						
46	6986.533M	41.4	+0.0	+0.0	+0.0	+0.0	+0.0	48.0	71.7	-23.7	Vert
	Ave		+0.0	+6.7	-36.4	+0.8			Y_802.11a_5240MHz		
			+35.0	+0.0	+0.5						
^	6986.533M	46.7	+0.0	+0.0	+0.0	+0.0	+0.0	53.3	71.7	-18.4	Vert
			+0.0	+6.7	-36.4	+0.8			Y_802.11a_5240MHz		
			+35.0	+0.0	+0.5						
48	15542.500 M	30.7	+0.0	+0.0	+0.0	+0.0	+0.0	47.7	71.7	-24.0	Horiz
			+0.0	+11.7	-34.6	+1.4					
	Ave		+38.0	+0.0	+0.5				Z_802.11a_5180MHz		
^	15542.500 M	44.5	+0.0	+0.0	+0.0	+0.0	+0.0	61.5	71.7	-10.2	Horiz
			+0.0	+11.7	-34.6	+1.4					
			+38.0	+0.0	+0.5				Z_802.11a_5180MHz		
50	11610.000 M	33.5	+0.0	+0.0	+0.0	+0.0	+0.0	47.5	71.7	-24.2	Vert
			+0.0	+9.6	-35.9	+1.1					
	Ave		+38.8	+0.0	+0.4				Z_802.11a_5805MHz		
^	11610.000 M	45.4	+0.0	+0.0	+0.0	+0.0	+0.0	59.4	71.7	-12.3	Vert
			+0.0	+9.6	-35.9	+1.1					
			+38.8	+0.0	+0.4				Z_802.11a_5805MHz		
52	17235.817 M	24.9	+0.0	+0.0	+0.0	+0.0	+0.0	47.1	71.7	-24.6	Vert
			+0.0	+12.5	-33.7	+1.5					
	Ave		+41.6	+0.0	+0.3				Z_802.11a_5745MHz		
^	17235.817 M	37.3	+0.0	+0.0	+0.0	+0.0	+0.0	59.5	71.7	-12.2	Vert
			+0.0	+12.5	-33.7	+1.5					
			+41.6	+0.0	+0.3				Z_802.11a_5745MHz		

No.	Freq.	Meas.						Limit	Result	Dist	Margin	Pol.
54	17235.000 M	34.9	+0.0	+0.0	+0.0	+0.0		-10.0	47.1	71.7	-24.6	Vert
			+0.0	+12.5	-33.7	+1.5						
	Ave		+41.6	+0.0	+0.3				X_802.11a_5745MHz			
^	17235.000 M	46.6	+0.0	+0.0	+0.0	+0.0		-10.0	58.8	71.7	-12.9	Vert
			+0.0	+12.5	-33.7	+1.5						
			+41.6	+0.0	+0.3				X_802.11a_5745MHz			
56	11490.000 M	32.8	+0.0	+0.0	+0.0	+0.0		+0.0	46.8	71.7	-24.9	Vert
			+0.0	+9.6	-35.9	+1.1						
	Ave		+38.8	+0.0	+0.4				Z_802.11a_5745MHz			
^	11490.000 M	51.5	+0.0	+0.0	+0.0	+0.0		+0.0	65.5	71.7	-6.2	Vert
			+0.0	+9.6	-35.9	+1.1						
			+38.8	+0.0	+0.4				Y_802.11a_5745MHz			
^	11490.000 M	48.5	+0.0	+0.0	+0.0	+0.0		+0.0	62.5	71.7	-9.2	Vert
			+0.0	+9.6	-35.9	+1.1						
			+38.8	+0.0	+0.4				X_802.11a_5745MHz			
^	11490.000 M	44.2	+0.0	+0.0	+0.0	+0.0		+0.0	58.2	71.7	-13.5	Vert
			+0.0	+9.6	-35.9	+1.1						
			+38.8	+0.0	+0.4				Z_802.11a_5745MHz			
60	10400.000 M	34.8	+0.0	+0.0	+0.0	+0.0		+0.0	46.7	71.7	-25.0	Horiz
			+0.0	+8.8	-36.2	+1.0						
	Ave		+38.0	+0.0	+0.3				Z_802.11a_5200MHz			
61	17289.000 M	34.1	+0.0	+0.0	+0.0	+0.0		-10.0	46.6	71.7	-25.1	Vert
			+0.0	+12.5	-33.6	+1.5						
	Ave		+41.8	+0.0	+0.3				X_802.11a_5765MHz			
^	17289.000 M	45.4	+0.0	+0.0	+0.0	+0.0		-10.0	57.9	71.7	-13.8	Vert
			+0.0	+12.5	-33.6	+1.5						
			+41.8	+0.0	+0.3				X_802.11a_5765MHz			
63	17292.217 M	34.0	+0.0	+0.0	+0.0	+0.0		-10.0	46.6	71.7	-25.1	Vert
			+0.0	+12.5	-33.6	+1.5						
	Ave		+41.9	+0.0	+0.3				Y_802.11a_5765MHz			
^	17292.217 M	45.5	+0.0	+0.0	+0.0	+0.0		-10.0	58.1	71.7	-13.6	Vert
			+0.0	+12.5	-33.6	+1.5						
			+41.9	+0.0	+0.3				Y_802.11a_5765MHz			

#	Freq (MHz)	Level						Meter	Limit	Margin	Pol	ID
65	11529.333 M	32.6	+0.0	+0.0	+0.0	+0.0	+0.0	46.6	71.7	-25.1	Vert	
M			+0.0	+9.6	-35.9	+1.1						
Ave			+38.8	+0.0	+0.4							Z_802.11a_5765MHz
^	11529.417 M	52.4	+0.0	+0.0	+0.0	+0.0	+0.0	66.4	71.7	-5.3	Vert	
M			+0.0	+9.6	-35.9	+1.1						
			+38.8	+0.0	+0.4							Y_802.11a_5765MHz
^	11529.333 M	44.5	+0.0	+0.0	+0.0	+0.0	+0.0	58.5	71.7	-13.2	Vert	
M			+0.0	+9.6	-35.9	+1.1						
			+38.8	+0.0	+0.4							Z_802.11a_5765MHz
68	17230.500 M	34.3	+0.0	+0.0	+0.0	+0.0	-10.0	46.5	71.7	-25.2	Vert	
M			+0.0	+12.5	-33.7	+1.5						
Ave			+41.6	+0.0	+0.3							Y_802.11a_5745MHz
^	17230.500 M	46.2	+0.0	+0.0	+0.0	+0.0	-10.0	58.4	71.7	-13.3	Vert	
M			+0.0	+12.5	-33.7	+1.5						
			+41.6	+0.0	+0.3							Y_802.11a_5745MHz
70	17415.000 M	23.0	+0.0	+0.0	+0.0	+0.0	+0.0	46.2	71.7	-25.5	Vert	
M			+0.0	+12.5	-33.6	+1.5						
Ave			+42.4	+0.0	+0.4							Z_802.11a_5805MHz
^	17415.000 M	33.7	+0.0	+0.0	+0.0	+0.0	+0.0	56.9	71.7	-14.8	Vert	
M			+0.0	+12.5	-33.6	+1.5						
			+42.4	+0.0	+0.4							Z_802.11a_5805MHz
72	15540.000 M	28.9	+0.0	+0.0	+0.0	+0.0	+0.0	45.9	71.7	-25.8	Vert	
M			+0.0	+11.7	-34.6	+1.4						
Ave			+38.0	+0.0	+0.5							Y_802.11a_5180MHz
73	11527.800 M	31.9	+0.0	+0.0	+0.0	+0.0	+0.0	45.9	71.7	-25.8	Horiz	
M			+0.0	+9.6	-35.9	+1.1						
Ave			+38.8	+0.0	+0.4							Y_802.11a_5765MHz
^	11527.800 M	44.8	+0.0	+0.0	+0.0	+0.0	+0.0	58.8	71.7	-12.9	Horiz	
M			+0.0	+9.6	-35.9	+1.1						
			+38.8	+0.0	+0.4							Y_802.11a_5765MHz
75	15720.000 M	28.3	+0.0	+0.0	+0.0	+0.0	+0.0	45.6	71.7	-26.1	Horiz	
M			+0.0	+11.8	-34.4	+1.4						
Ave			+38.0	+0.0	+0.5							Y_802.11a_5240MHz
76	17292.800 M	33.0	+0.0	+0.0	+0.0	+0.0	-10.0	45.6	71.7	-26.1	Horiz	
M			+0.0	+12.5	-33.6	+1.5						
Ave			+41.9	+0.0	+0.3							Y_802.11a_5765MHz
^	17292.800 M	45.9	+0.0	+0.0	+0.0	+0.0	-10.0	58.5	71.7	-13.2	Horiz	
M			+0.0	+12.5	-33.6	+1.5						
			+41.9	+0.0	+0.3							Y_802.11a_5765MHz

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

90	10479.000 M	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	-26.7	Vert
										Z_802.11a_5240MHz	
^	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	-12.9	Vert
										Z_802.11a_5240MHz	
92	10358.000 M	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	-26.7	Vert
										X_802.11a_5180MHz	
^	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	-12.4	Vert
										X_802.11a_5180MHz	
94	17415.000 M	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	-26.7	Horiz
										Y-802.11a_5805MHz	
^	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	-14.2	Horiz
										Y-802.11a_5805MHz	
96	17411.333 M	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	-26.8	Vert
										X_5805MHz	
^	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	-16.4	Vert
										X_5805MHz	
98	17416.167 M	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	-26.9	Vert
										Y-802.11a_5805MHz	
^	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	-17.4	Vert
										Y-802.11a_5805MHz	
100	17301.000 M	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	-27.2	Vert
										Z_802.11a_5765MHz	
^	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	-16.3	Vert
										Z_802.11a_5765MHz	

No.	Freq (M)		Reading						Val			Pol	Label
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	-27.3	Horiz	Y_802.11a_5240MHz
^	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	-13.0	Horiz	Z_802.11a_5240MHz
^	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	-13.8	Horiz	X_802.11a_5240MHz
^	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	-14.9	Horiz	Y_802.11a_5240MHz
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	-27.4	Vert	X_802.11a_5240MHz
^	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	-16.3	Vert	X_802.11a_5240MHz
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	-27.6	Vert	X_802.11a_5240MHz
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	-27.7	Horiz	X_802.11a_5240MHz
^	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	-11.2	Horiz	Z_802.11a_5240MHz
^	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	-14.0	Horiz	Y_802.11a_5240MHz
^	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	-14.9	Horiz	X_802.11a_5240MHz
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	-27.7	Horiz	Y_802.11a_5180MHz
^	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	-15.6	Horiz	Y_802.11a_5180MHz

No.	Freq	Rdg									Pol	Emission
115	15540.000 M	27.0	+0.0	+0.0	+0.0	+0.0	+0.0	44.0	71.7	-27.7	Vert	
Ave			+0.0	+11.7	-34.6	+1.4						Z_802.11a_5180MHz
			+38.0	+0.0	+0.5							
^	15540.000 M	40.9	+0.0	+0.0	+0.0	+0.0	+0.0	57.9	71.7	-13.8	Vert	
			+0.0	+11.7	-34.6	+1.4						Y_802.11a_5180MHz
			+38.0	+0.0	+0.5							
^	15540.000 M	39.5	+0.0	+0.0	+0.0	+0.0	+0.0	56.5	71.7	-15.2	Vert	
			+0.0	+11.7	-34.6	+1.4						Z_802.11a_5180MHz
			+38.0	+0.0	+0.5							
118	11490.000 M	29.5	+0.0	+0.0	+0.0	+0.0	+0.0	43.5	71.7	-28.2	Horiz	
Ave			+0.0	+9.6	-35.9	+1.1						Y_802.11a_5745MHz
			+38.8	+0.0	+0.4							
^	11490.000 M	48.5	+0.0	+0.0	+0.0	+0.0	+0.0	62.5	71.7	-9.2	Horiz	
			+0.0	+9.6	-35.9	+1.1						X_802.11a_5745MHz
			+38.8	+0.0	+0.4							
^	11490.000 M	40.3	+0.0	+0.0	+0.0	+0.0	+0.0	54.3	71.7	-17.4	Horiz	
			+0.0	+9.6	-35.9	+1.1						Y_802.11a_5745MHz
			+38.8	+0.0	+0.4							
121	15538.583 M	26.5	+0.0	+0.0	+0.0	+0.0	+0.0	43.5	71.7	-28.2	Vert	
Ave			+0.0	+11.7	-34.6	+1.4						X_802.11a_5180MHz
			+38.0	+0.0	+0.5							
^	15538.583 M	38.0	+0.0	+0.0	+0.0	+0.0	+0.0	55.0	71.7	-16.7	Vert	
			+0.0	+11.7	-34.6	+1.4						X_802.11a_5180MHz
			+38.0	+0.0	+0.5							
123	10399.167 M	31.4	+0.0	+0.0	+0.0	+0.0	+0.0	43.3	71.7	-28.4	Vert	
Ave			+0.0	+8.8	-36.2	+1.0						Z_802.11a_5200MHz
			+38.0	+0.0	+0.3							
^	10399.167 M	43.1	+0.0	+0.0	+0.0	+0.0	+0.0	55.0	71.7	-16.7	Vert	
			+0.0	+8.8	-36.2	+1.0						Z_802.11a_5200MHz
			+38.0	+0.0	+0.3							
125	15720.000 M	25.6	+0.0	+0.0	+0.0	+0.0	+0.0	42.9	71.7	-28.8	Vert	
Ave			+0.0	+11.8	-34.4	+1.4						Y_802.11a_5240MHz
			+38.0	+0.0	+0.5							
^	15720.000 M	38.8	+0.0	+0.0	+0.0	+0.0	+0.0	56.1	71.7	-15.6	Vert	
			+0.0	+11.8	-34.4	+1.4						X_802.11a_5240MHz
			+38.0	+0.0	+0.5							
^	15720.000 M	38.4	+0.0	+0.0	+0.0	+0.0	+0.0	55.7	71.7	-16.0	Vert	
			+0.0	+11.8	-34.4	+1.4						Y_802.11a_5240MHz
			+38.0	+0.0	+0.5							

No.	Freq	Reading	C1	C2	C3	C4	C5	Result	Limit	Margin	Pol	Trace
128	6986.667M	36.2	+0.0	+0.0	+0.0	+0.0	+0.0	42.8	71.7	-28.9	Vert	
Ave			+0.0	+6.7	-36.4	+0.8						Z_802.11a_5240MHz
			+35.0	+0.0	+0.5							
^	6986.667M	42.9	+0.0	+0.0	+0.0	+0.0	+0.0	49.5	71.7	-22.2	Vert	
			+0.0	+6.7	-36.4	+0.8						Z_802.11a_5240MHz
			+35.0	+0.0	+0.5							
130	10360.000M	30.9	+0.0	+0.0	+0.0	+0.0	+0.0	42.8	71.7	-28.9	Horiz	
			+0.0	+8.8	-36.2	+1.0						
Ave			+38.0	+0.0	+0.3							Y_802.11a_5180MHz
^	10360.000M	42.8	+0.0	+0.0	+0.0	+0.0	+0.0	54.7	71.7	-17.0	Horiz	
			+0.0	+8.8	-36.2	+1.0						
			+38.0	+0.0	+0.3							Y_802.11a_5180MHz
132	550.000M	47.3	+0.0	+18.4	+0.4	+4.3	+0.0	42.8	71.7	-28.9	Horiz	
QP			-27.6	+0.0	+0.0	+0.0						
			+0.0	+0.0	+0.0							
133	15600.000M	25.5	+0.0	+0.0	+0.0	+0.0	+0.0	42.6	71.7	-29.1	Horiz	
			+0.0	+11.8	-34.6	+1.4						
Ave			+38.0	+0.0	+0.5							X_802.11a_5200MHz
^	15600.000M	45.3	+0.0	+0.0	+0.0	+0.0	+0.0	62.4	71.7	-9.3	Horiz	
			+0.0	+11.8	-34.6	+1.4						
			+38.0	+0.0	+0.5							Z_802.11a_5200MHz
^	15600.000M	42.7	+0.0	+0.0	+0.0	+0.0	+0.0	59.8	71.7	-11.9	Horiz	
			+0.0	+11.8	-34.6	+1.4						
			+38.0	+0.0	+0.5							Y_802.11a_5200MHz
^	15600.000M	38.1	+0.0	+0.0	+0.0	+0.0	+0.0	55.2	71.7	-16.5	Horiz	
			+0.0	+11.8	-34.6	+1.4						
			+38.0	+0.0	+0.5							X_802.11a_5200MHz
137	15602.500M	25.5	+0.0	+0.0	+0.0	+0.0	+0.0	42.6	71.7	-29.1	Vert	
			+0.0	+11.8	-34.6	+1.4						
Ave			+38.0	+0.0	+0.5							Z_802.11a_5200MHz
^	15602.500M	37.3	+0.0	+0.0	+0.0	+0.0	+0.0	54.4	71.7	-17.3	Vert	
			+0.0	+11.8	-34.6	+1.4						
			+38.0	+0.0	+0.5							Z_802.11a_5200MHz
139	10483.333M	30.6	+0.0	+0.0	+0.0	+0.0	+0.0	42.6	71.7	-29.1	Vert	
			+0.0	+8.9	-36.2	+1.0						
Ave			+38.0	+0.0	+0.3							Y_802.11a_5240MHz
^	10483.333M	44.7	+0.0	+0.0	+0.0	+0.0	+0.0	56.7	71.7	-15.0	Vert	
			+0.0	+8.9	-36.2	+1.0						
			+38.0	+0.0	+0.3							Y_802.11a_5240MHz

No.	Freq	Det	Rd	F1	F2	F3	F4	F5	Meas	Limit	Margin	Pol	Note
141	15719.000 M	Ave	25.2	+0.0	+0.0	+0.0	+0.0	+0.0	42.5	71.7	-29.2	Vert	
				+0.0	+11.8	-34.4	+1.4						Z_802.11a_5240MHz
				+38.0	+0.0	+0.5							
^	15719.000 M		36.2	+0.0	+0.0	+0.0	+0.0	+0.0	53.5	71.7	-18.2	Vert	
				+0.0	+11.8	-34.4	+1.4						Z_802.11a_5240MHz
				+38.0	+0.0	+0.5							
143	550.000M	QP	47.0	+0.0	+18.4	+0.4	+4.3	+0.0	42.5	71.7	-29.2	Horiz	
				-27.6	+0.0	+0.0	+0.0						
				+0.0	+0.0	+0.0							
^	550.000M		49.6	+0.0	+18.4	+0.4	+4.3	+0.0	45.1	71.7	-26.6	Horiz	
				-27.6	+0.0	+0.0	+0.0						
				+0.0	+0.0	+0.0							
^	550.000M		48.3	+0.0	+18.4	+0.4	+4.3	+0.0	43.8	71.7	-27.9	Horiz	
				-27.6	+0.0	+0.0	+0.0						
				+0.0	+0.0	+0.0							
^	549.998M		36.4	+0.0	+18.4	+0.4	+4.3	+0.0	31.9	71.7	-39.8	Horiz	
				-27.6	+0.0	+0.0	+0.0						
				+0.0	+0.0	+0.0							
147	6933.483M	Ave	36.1	+0.0	+0.0	+0.0	+0.0	+0.0	42.5	71.7	-29.2	Vert	
				+0.0	+6.7	-36.5	+0.8						Z_802.11a_5200MHz
				+34.9	+0.0	+0.5							
^	6933.483M		44.1	+0.0	+0.0	+0.0	+0.0	+0.0	50.5	71.7	-21.2	Vert	
				+0.0	+6.7	-36.5	+0.8						Z_802.11a_5200MHz
				+34.9	+0.0	+0.5							
149	10360.000 M	Ave	30.5	+0.0	+0.0	+0.0	+0.0	+0.0	42.4	71.7	-29.3	Vert	
				+0.0	+8.8	-36.2	+1.0						Z_802.11a_5180MHz
				+38.0	+0.0	+0.3							
150	15538.580 M	Ave	25.4	+0.0	+0.0	+0.0	+0.0	+0.0	42.4	71.7	-29.3	Horiz	
				+0.0	+11.7	-34.6	+1.4						X_802.11a_5180MHz
				+38.0	+0.0	+0.5							
^	15538.580 M		37.1	+0.0	+0.0	+0.0	+0.0	+0.0	54.1	71.7	-17.6	Horiz	
				+0.0	+11.7	-34.6	+1.4						X_802.11a_5180MHz
				+38.0	+0.0	+0.5							
152	10400.000 M	Ave	30.4	+0.0	+0.0	+0.0	+0.0	+0.0	42.3	71.7	-29.4	Vert	
				+0.0	+8.8	-36.2	+1.0						Y_802.11a_5200MHz
				+38.0	+0.0	+0.3							
^	10400.000 M		46.0	+0.0	+0.0	+0.0	+0.0	+0.0	57.9	71.7	-13.8	Vert	
				+0.0	+8.8	-36.2	+1.0						X_802.11a_5200MHz
				+38.0	+0.0	+0.3							
^	10400.000 M		40.5	+0.0	+0.0	+0.0	+0.0	+0.0	52.4	71.7	-19.3	Vert	
				+0.0	+8.8	-36.2	+1.0						Y_802.11a_5200MHz
				+38.0	+0.0	+0.3							

No.	Freq										
155	17235.000 M	30.1	+0.0	+0.0	+0.0	+0.0	-10.0	42.3	71.7	-29.4	Horiz
			+0.0	+12.5	-33.7	+1.5					
	Ave		+41.6	+0.0	+0.3				Y_802.11a_5745MHz		
^	17235.000 M	57.0	+0.0	+0.0	+0.0	+0.0	-10.0	69.2	71.7	-2.5	Horiz
			+0.0	+12.5	-33.7	+1.5					
			+41.6	+0.0	+0.3				X_802.11a_5745MHz		
^	17235.000 M	44.8	+0.0	+0.0	+0.0	+0.0	-10.0	57.0	71.7	-14.7	Horiz
			+0.0	+12.5	-33.7	+1.5					
			+41.6	+0.0	+0.3				Y_802.11a_5745MHz		
158	10360.000 M	30.3	+0.0	+0.0	+0.0	+0.0	+0.0	42.2	71.7	-29.5	Vert
			+0.0	+8.8	-36.2	+1.0					
	Ave		+38.0	+0.0	+0.3				Y_802.11a_5180MHz		
^	10360.000 M	43.3	+0.0	+0.0	+0.0	+0.0	+0.0	55.2	71.7	-16.5	Vert
			+0.0	+8.8	-36.2	+1.0					
			+38.0	+0.0	+0.3				Z_802.11a_5180MHz		
^	10360.000 M	43.3	+0.0	+0.0	+0.0	+0.0	+0.0	55.2	71.7	-16.5	Vert
			+0.0	+8.8	-36.2	+1.0					
			+38.0	+0.0	+0.3				Y_802.11a_5180MHz		
161	800.000M	40.3	+0.0	+22.5	+0.4	+5.3	+0.0	41.3	71.7	-30.4	Horiz
	QP		-27.2	+0.0	+0.0	+0.0					
			+0.0	+0.0	+0.0						
162	6933.333M	34.5	+0.0	+0.0	+0.0	+0.0	+0.0	40.9	71.7	-30.8	Horiz
	Ave		+0.0	+6.7	-36.5	+0.8				Y_802.11a_5200MHz		
			+34.9	+0.0	+0.5						
^	6933.333M	42.4	+0.0	+0.0	+0.0	+0.0	+0.0	48.8	71.7	-22.9	Horiz
			+0.0	+6.7	-36.5	+0.8				Y_802.11a_5200MHz		
			+34.9	+0.0	+0.5						
164	10400.000 M	28.9	+0.0	+0.0	+0.0	+0.0	+0.0	40.8	71.7	-30.9	Horiz
			+0.0	+8.8	-36.2	+1.0					
	Ave		+38.0	+0.0	+0.3				X_802.11a_5200MHz		
^	10400.000 M	48.7	+0.0	+0.0	+0.0	+0.0	+0.0	60.6	71.7	-11.1	Horiz
			+0.0	+8.8	-36.2	+1.0					
			+38.0	+0.0	+0.3				Z_802.11a_5200MHz		
^	10400.000 M	46.5	+0.0	+0.0	+0.0	+0.0	+0.0	58.4	71.7	-13.3	Horiz
			+0.0	+8.8	-36.2	+1.0					
			+38.0	+0.0	+0.3				Y_802.11a_5200MHz		
^	10400.000 M	42.6	+0.0	+0.0	+0.0	+0.0	+0.0	54.5	71.7	-17.2	Horiz
			+0.0	+8.8	-36.2	+1.0					
			+38.0	+0.0	+0.3				X_802.11a_5200MHz		

No.	Freq										Pol	Note
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	Horiz	Y_802.11a_5180MHz
^	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	Horiz	Z_802.11a_5180MHz
^	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	Horiz	Y_802.11a_5180MHz
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	Horiz	Y_802.11a_5240MHz
^	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	Horiz	Z_802.11a_5240MHz
^	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	Horiz	Y_802.11a_5240MHz
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	

No.	Freq											Pol
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	+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	+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	+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	+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	+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	+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	+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	+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	+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	+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	+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	+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	+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	+0.0	41.1	71.7	-30.6	Horiz
198	23226.667M 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
^	23226.667M	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

No.	Frequency										Orient
200	449.983M	44.1	+0.0	+16.6	+0.3	+3.8	+0.0	37.0	71.7	-34.7	Horiz
			-27.8	+0.0	+0.0	+0.0					
			+0.0	+0.0	+0.0						
201	900.000M	33.8	+0.0	+23.8	+0.7	+5.7	+0.0	36.8	71.7	-34.9	Vert
			-27.2	+0.0	+0.0	+0.0					
			+0.0	+0.0	+0.0						
202	267.020M	40.9	+20.3	+0.0	+0.3	+2.9	+0.0	36.6	71.7	-35.1	Horiz
			-27.8	+0.0	+0.0	+0.0					
			+0.0	+0.0	+0.0						
203	23063.333 M Ave	37.5	+0.0	+0.0	+0.0	+0.0	-10.0	36.5	71.7	-35.2	Vert
			+0.0	+0.0	-32.4	+1.7					
			+0.0	+39.7	+0.0						
^	23063.333 M	49.3	+0.0	+0.0	+0.0	+0.0	-10.0	48.3	71.7	-23.4	Vert
			+0.0	+0.0	-32.4	+1.7					
			+0.0	+39.7	+0.0						
205	225.020M	43.4	+17.9	+0.0	+0.3	+2.6	+0.0	36.3	71.7	-35.4	Vert
			-27.9	+0.0	+0.0	+0.0					
			+0.0	+0.0	+0.0						
206	449.966M	43.2	+0.0	+16.6	+0.3	+3.8	+0.0	36.1	71.7	-35.6	Vert
			-27.8	+0.0	+0.0	+0.0					
			+0.0	+0.0	+0.0						
207	399.966M QP	44.0	+0.0	+15.7	+0.4	+3.6	+0.0	35.9	71.7	-35.8	Vert
			-27.8	+0.0	+0.0	+0.0					
			+0.0	+0.0	+0.0						
^	399.966M	47.4	+0.0	+15.7	+0.4	+3.6	+0.0	39.3	71.7	-32.4	Vert
			-27.8	+0.0	+0.0	+0.0					
			+0.0	+0.0	+0.0						
209	700.000M	34.2	+0.0	+23.5	+0.5	+4.9	+0.0	35.8	71.7	-35.9	Vert
			-27.3	+0.0	+0.0	+0.0					
			+0.0	+0.0	+0.0						
210	225.000M	42.8	+17.9	+0.0	+0.3	+2.6	+0.0	35.7	71.7	-36.0	Horiz
			-27.9	+0.0	+0.0	+0.0					
			+0.0	+0.0	+0.0						
211	500.000M	41.5	+0.0	+17.4	+0.4	+4.1	+0.0	35.6	71.7	-36.1	Vert
			-27.8	+0.0	+0.0	+0.0					
			+0.0	+0.0	+0.0						
212	349.994M	40.5	+0.0	+18.9	+0.3	+3.3	+0.0	35.2	71.7	-36.5	Horiz
			-27.8	+0.0	+0.0	+0.0					
			+0.0	+0.0	+0.0						
213	20973.333 M Ave	36.7	+0.0	+0.0	+0.0	+0.0	-10.0	35.0	71.7	-36.7	Vert
			+0.0	+0.0	-32.9	+1.6					
			+0.0	+39.6	+0.0						
^	20973.333 M	54.4	+0.0	+0.0	+0.0	+0.0	-10.0	52.7	71.7	-19.0	Vert
			+0.0	+0.0	-32.9	+1.6					
			+0.0	+39.6	+0.0						
215	124.510M	44.9	+15.9	+0.0	+0.2	+1.8	+0.0	34.9	71.7	-36.8	Horiz
			-27.9	+0.0	+0.0	+0.0					
			+0.0	+0.0	+0.0						
216	700.017M	33.2	+0.0	+23.5	+0.5	+4.9	+0.0	34.8	71.7	-36.9	Horiz
			-27.3	+0.0	+0.0	+0.0					
			+0.0	+0.0	+0.0						

#	Frequency		A	B	C	D	E				Orient
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	20800.000M 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
^	20800.000M	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

No.	Frequency										Pol
234	475.883M	39.4	+0.0	+17.0	+0.4	+4.0	+0.0	33.0	71.7	-38.7	Horiz
			-27.8	+0.0	+0.0	+0.0					
			+0.0	+0.0	+0.0						
235	473.982M	39.5	+0.0	+17.0	+0.3	+3.9	+0.0	32.9	71.7	-38.8	Vert
			-27.8	+0.0	+0.0	+0.0					
			+0.0	+0.0	+0.0						
236	229.010M	39.8	+18.0	+0.0	+0.3	+2.6	+0.0	32.8	71.7	-38.9	Vert
			-27.9	+0.0	+0.0	+0.0					
			+0.0	+0.0	+0.0						
237	424.075M	40.1	+0.0	+16.1	+0.4	+3.7	+0.0	32.5	71.7	-39.2	Horiz
			-27.8	+0.0	+0.0	+0.0					
			+0.0	+0.0	+0.0						
238	229.030M	39.5	+18.0	+0.0	+0.3	+2.6	+0.0	32.5	71.7	-39.2	Horiz
			-27.9	+0.0	+0.0	+0.0					
			+0.0	+0.0	+0.0						
239	700.033M	30.8	+0.0	+23.5	+0.5	+4.9	+0.0	32.4	71.7	-39.3	Horiz
			-27.3	+0.0	+0.0	+0.0					
			+0.0	+0.0	+0.0						
240	427.049M	39.9	+0.0	+16.2	+0.3	+3.7	+0.0	32.3	71.7	-39.4	Vert
			-27.8	+0.0	+0.0	+0.0					
			+0.0	+0.0	+0.0						
241	20720.000 M	33.8	+0.0	+0.0	+0.0	+0.0	-10.0	32.2	71.7	-39.5	Vert
			+0.0	+0.0	-32.8	+1.6					
	Ave		+0.0	+39.6	+0.0						
^	20720.000 M	48.2	+0.0	+0.0	+0.0	+0.0	-10.0	46.6	71.7	-25.1	Vert
			+0.0	+0.0	-32.8	+1.6					
			+0.0	+39.6	+0.0						
243	259.005M	37.0	+19.5	+0.0	+0.3	+2.8	+0.0	31.9	71.7	-39.8	Vert
			-27.7	+0.0	+0.0	+0.0					
			+0.0	+0.0	+0.0						
244	456.966M	38.9	+0.0	+16.7	+0.3	+3.8	+0.0	31.9	71.7	-39.8	Vert
			-27.8	+0.0	+0.0	+0.0					
			+0.0	+0.0	+0.0						
245	499.997M	37.3	+0.0	+17.4	+0.4	+4.1	+0.0	31.4	71.7	-40.3	Horiz
			-27.8	+0.0	+0.0	+0.0					
			+0.0	+0.0	+0.0						
246	524.942M	36.6	+0.0	+17.9	+0.4	+4.2	+0.0	31.4	71.7	-40.3	Horiz
			-27.7	+0.0	+0.0	+0.0					
			+0.0	+0.0	+0.0						
247	450.008M	38.3	+0.0	+16.6	+0.3	+3.8	+0.0	31.2	71.7	-40.5	Horiz
			-27.8	+0.0	+0.0	+0.0					
			+0.0	+0.0	+0.0						
248	464.433M	38.0	+0.0	+16.8	+0.3	+3.9	+0.0	31.2	71.7	-40.5	Horiz
			-27.8	+0.0	+0.0	+0.0					
			+0.0	+0.0	+0.0						
249	126.130M	40.9	+16.2	+0.0	+0.2	+1.8	+0.0	31.2	71.7	-40.5	Horiz
			-27.9	+0.0	+0.0	+0.0					
			+0.0	+0.0	+0.0						
250	426.200M	38.8	+0.0	+16.2	+0.3	+3.7	+0.0	31.2	71.7	-40.5	Vert
			-27.8	+0.0	+0.0	+0.0					
			+0.0	+0.0	+0.0						

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

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

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

CKC Laboratories, Inc. Date: 2/2/2010 Time: 13:43:58 Silex Technology, America, Inc. WO#: 90303
FCC 15.407 (b)(4) Test Distance: 3 Meters Sequence#: 7
SX-SDCAG
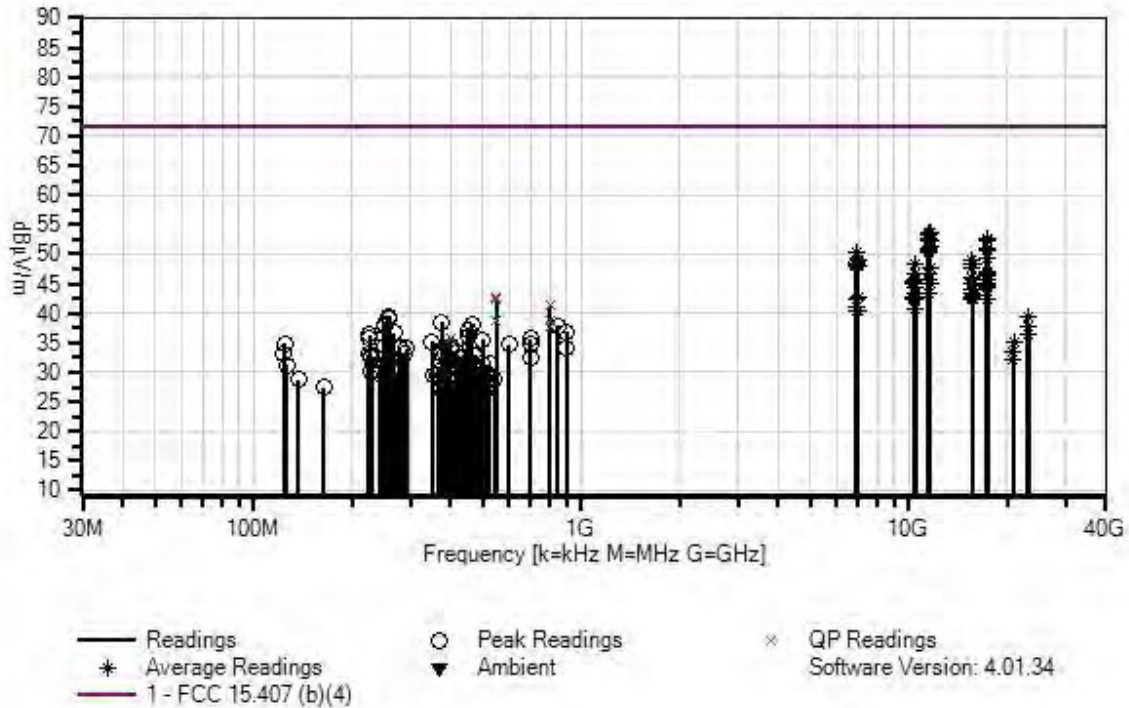
Readings — Peak Readings ○ — QP Readings ×
Average Readings * — Ambient ▼ — Software Version: 4.01.34
1 - FCC 15.407 (b)(4)

![CKC Laboratories, Inc. - Testing the Future logo]

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

#	Freq (M/Ave)											Detector
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	-5.3	Horiz	Z_802.11a
^	11615.450 M	49.2	+9.6 +0.0	-35.9 +0.4	+1.1	+38.8	+0.0	63.2	54.0	+9.2	Horiz	Z_802.11a
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	-5.4	Horiz	Y_802.11a
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	-5.9	Vert	Y_802.11a
^	11608.760 M	45.7	+9.6 +0.0	-35.9 +0.4	+1.1	+38.8	+0.0	59.7	54.0	+5.7	Vert	Y_802.11a
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	-6.1	Horiz	X_802.11a
^	11611.340 M	47.6	+9.6 +0.0	-35.9 +0.4	+1.1	+38.8	+0.0	61.6	54.0	+7.6	Horiz	Y_802.11a
^	11611.340 M	46.9	+9.6 +0.0	-35.9 +0.4	+1.1	+38.8	+0.0	60.9	54.0	+6.9	Horiz	X_802.11a
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	-6.1	Vert	Z_802.11a
^	11610.500 M	46.9	+9.6 +0.0	-35.9 +0.4	+1.1	+38.8	+0.0	60.9	54.0	+6.9	Vert	Z_802.11a
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	-8.9	Vert	Z_802.11a
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	-9.3	Vert	Y_802.11a
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	-9.5	Horiz	Y_802.11a
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	-9.5	Vert	Z_802.11a
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	-9.7	Vert	Y_802.11a
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	-9.9	Horiz	Z_802.11a
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	-10.0	Horiz	Y_802.11a

#	Freq										Pol	
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	-10.0	Horiz	Y_802.11a
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	-10.4	Horiz	Z_802.11a
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	-10.6	Horiz	Z_802.11a
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	-10.7	Horiz	Z_802.11a
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	-10.9	Vert	Y_802.11a
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	-11.6	Horiz	Y_802.11a
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	-11.7	Vert	X_802.11a
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	-11.7	Vert	X_802.11a
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	-11.8	Vert	Y_802.11a
^	15601.400 M	40.1	+11.8 +0.0	-34.6 +0.5	+1.4	+38.0	+0.0	57.2	54.0	+3.2	Vert	Z_802.11a
^	15601.400 M	39.0	+11.8 +0.0	-34.6 +0.5	+1.4	+38.0	+0.0	56.1	54.0	+2.1	Vert	Y_802.11a
^	15601.400 M	38.4	+11.8 +0.0	-34.6 +0.5	+1.4	+38.0	+0.0	55.5	54.0	+1.5	Vert	X_802.11a
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	-11.8	Vert	Z_802.11a
^	15540.333 M	40.9	+11.7 +0.0	-34.6 +0.5	+1.4	+38.0	+0.0	57.9	54.0	+3.9	Vert	Y_802.11a
^	15540.300 M	37.8	+11.7 +0.0	-34.6 +0.5	+1.4	+38.0	+0.0	54.8	54.0	+0.8	Vert	Z_802.11a
^	15540.333 M	35.3	+11.7 +0.0	-34.6 +0.5	+1.4	+38.0	+0.0	52.3	54.0	-1.7	Vert	X_802.11a

#	Freq (MHz)											Pol.	Comment
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	-11.9		Vert	X_802.11a
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	-11.9		Vert	X_802.11a
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	-11.9		Horiz	X_802.11a
^	15601.400 M	40.8	+11.8 +0.0	-34.6 +0.5	+1.4	+38.0	+0.0	57.9	54.0	+3.9		Horiz	Y_802.11a
^	15601.400 M	38.4	+11.8 +0.0	-34.6 +0.5	+1.4	+38.0	+0.0	55.5	54.0	+1.5		Horiz	Z_802.11a
^	15601.400 M	37.4	+11.8 +0.0	-34.6 +0.5	+1.4	+38.0	+0.0	54.5	54.0	+0.5		Horiz	X_802.11a
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	-12.0		Horiz	X_802.11a
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	-12.0		Horiz	Z_802.11a
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	-12.0		Vert	Y_802.11a
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	-12.0		Vert	Z_802.11a
^	15719.333 M	38.1	+11.8 +0.0	-34.4 +0.5	+1.4	+38.0	+0.0	55.4	54.0	+1.4		Vert	Y_802.11a
^	15719.333 M	37.5	+11.8 +0.0	-34.4 +0.5	+1.4	+38.0	+0.0	54.8	54.0	+0.8		Vert	X_802.11a
^	15719.333 M	37.4	+11.8 +0.0	-34.4 +0.5	+1.4	+38.0	+0.0	54.7	54.0	+0.7		Vert	Z_802.11a
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	-12.1		Vert	X_802.11a
^	11530.000 M	44.2	+9.6 +0.0	-35.9 +0.4	+1.1	+38.8	+0.0	58.2	54.0	+4.2		Vert	Z_802.11a
^	11530.000 M	43.8	+9.6 +0.0	-35.9 +0.4	+1.1	+38.8	+0.0	57.8	54.0	+3.8		Vert	Y_802.11a
^	11530.000 M	42.0	+9.6 +0.0	-35.9 +0.4	+1.1	+38.8	+0.0	56.0	54.0	+2.0		Vert	X_802.11a

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

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

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

CKC Laboratories, Inc. Date: 3/1/2010 Time: 10:50:45 Silex Technology, America, Inc. WO#: 90303
FCC 15.407 (b)(7) / (15.205) Test Distance: 3 Meters Sequence#: 53
SX-SDCAG

Readings — Peak Readings ○ — QP Readings ×
Average Readings * — Ambient ▼ — Software Version: 4.01.34
1 - FCC 15.407 (b)(7) / (15.205)

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

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

#	Freq										Pol.
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	-22.6	Vert X_802.11a
^	11611.340 M	48.1	+9.6 +0.0	-35.9 +0.4	+1.1	+38.8	+0.0	62.1	72.3	-10.2	Vert X_802.11a
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	-23.6	Horiz Z_802.11a
^	11615.450 M	49.2	+9.6 +0.0	-35.9 +0.4	+1.1	+38.8	+0.0	63.2	72.3	-9.1	Horiz Z_802.11a
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	-23.7	Horiz Y_802.11a
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	-24.2	Vert Y_802.11a
^	11608.760 M	45.7	+9.6 +0.0	-35.9 +0.4	+1.1	+38.8	+0.0	59.7	72.3	-12.6	Vert Y_802.11a
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	-24.4	Vert Z_802.11a
^	11610.500 M	46.9	+9.6 +0.0	-35.9 +0.4	+1.1	+38.8	+0.0	60.9	72.3	-11.4	Vert Z_802.11a
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	-24.4	Horiz X_802.11a
^	11611.340 M	47.6	+9.6 +0.0	-35.9 +0.4	+1.1	+38.8	+0.0	61.6	72.3	-10.7	Horiz Y_802.11a
^	11611.340 M	46.9	+9.6 +0.0	-35.9 +0.4	+1.1	+38.8	+0.0	60.9	72.3	-11.4	Horiz X_802.11a
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	-27.2	Vert Z_802.11a
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	-27.6	Vert Y_802.11a
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	-27.8	Horiz Y_802.11a
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	-27.8	Vert Z_802.11a
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	-28.0	Vert Y_802.11a

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

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

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

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

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
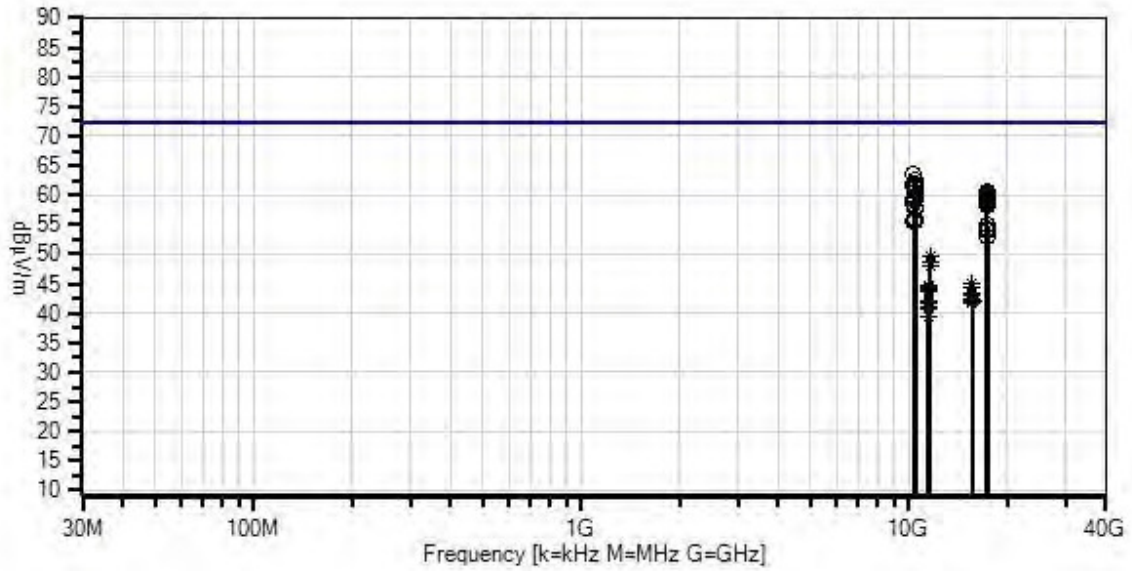
Readings
* Average Readings
——— 1 - FCC 15.407 (b)(1)

O 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	39.7	+0.0 +0.0	+0.0 +9.6	+0.0 -35.9	+0.0 +1.1	+0.0	53.7	71.7	-18.0	Horiz
	Ave		+38.8	+0.0	+0.4				Z_802.11a_5805MHz		

	Freq											
^	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	-5.8	Horiz	Z_802.11a_5805MHz
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	-18.2	Vert	Y_802.11a_5765MHz
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	-18.4	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	71.7	-4.9	Horiz	Z_802.11a_5745MHz . power 16, 10 dB pad
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	-18.8	Horiz	X_802.11a_5745MHz
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	-19.0	Vert	Y_802.11a_5745MHz
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	-19.0	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	-9.5	67.1	71.7	-4.6	Horiz	X_802.11a_5765MHz
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	-19.2	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	71.7	-6.6	Horiz	X_5805MHz
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	-19.4	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	71.7	-7.0	Horiz	Z_802.11a_5765MHz
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	-20.1	Horiz	X_5805MHz

	Freq											Pol
^	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	-4.6	X_5805MHz	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	-20.4	Y-802.11a_5805MHz	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	-8.3	Y-802.11a_5805MHz	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	-20.4	Z_802.11a_5765MHz	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	-6.1	Z_802.11a_5765MHz	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	-20.7	X_802.11a_5745MHz	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	-21.0	X_802.11a_5765MHz	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	-10.5	X_802.11a_5765MHz	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	-21.2	Z_802.11a_5180MHz	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	-21.3	X_802.11a_5765MHz	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	-8.1	X_802.11a_5765MHz	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	-21.4	X_802.11a_5745MHz	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	-21.9	Z_802.11a_5805MHz	Horiz

No.	Frequency		Reading									Pol	Emission
^	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_5805MHz
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_5200MHz
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_5240MHz
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_5200MHz
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_5180MHz
^	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_5180MHz
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_5180MHz
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_5240MHz
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_5200MHz
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_5200MHz
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_5200MHz
^	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_5200MHz
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_5200MHz
^	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_5200MHz
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_5240MHz

No.	Frequency											Pol.
^	6986.533M	46.7	+0.0	+0.0	+0.0	+0.0	+0.0	53.3	71.7	-18.4		Vert
			+0.0	+6.7	-36.4	+0.8						
			+35.0	+0.0	+0.5						Y_802.11a_5240MHz	
45	17236.333 M	40.4	+0.0	+0.0	+0.0	+0.0	-10.0	52.6	76.5	-23.9		Horiz
			+0.0	+12.5	-33.7	+1.5						
Ave			+41.6	+0.0	+0.3						Z_802.11a_5745MHz , power=16, 10 dB pad, 1 meter	
^	17236.333 M	53.5	+0.0	+0.0	+0.0	+0.0	-10.0	65.7	76.5	-10.8		Horiz
			+0.0	+12.5	-33.7	+1.5						
			+41.6	+0.0	+0.3						Z_802.11a_5745MHz , power=16, 10 dB pad, 1 meter	
47	15542.500 M	30.7	+0.0	+0.0	+0.0	+0.0	+0.0	47.7	71.7	-24.0		Horiz
			+0.0	+11.7	-34.6	+1.4						
Ave			+38.0	+0.0	+0.5						Z_802.11a_5180MHz	
^	15542.500 M	44.5	+0.0	+0.0	+0.0	+0.0	+0.0	61.5	71.7	-10.2		Horiz
			+0.0	+11.7	-34.6	+1.4						
			+38.0	+0.0	+0.5						Z_802.11a_5180MHz	
49	17235.000 M	34.9	+0.0	+0.0	+0.0	+0.0	-9.5	47.6	71.7	-24.1		Vert
			+0.0	+12.5	-33.7	+1.5						
Ave			+41.6	+0.0	+0.3						X_802.11a_5745MHz	
^	17235.000 M	46.6	+0.0	+0.0	+0.0	+0.0	-9.5	59.3	71.7	-12.4		Vert
			+0.0	+12.5	-33.7	+1.5						
			+41.6	+0.0	+0.3						X_802.11a_5745MHz	
51	11610.000 M	33.5	+0.0	+0.0	+0.0	+0.0	+0.0	47.5	71.7	-24.2		Vert
			+0.0	+9.6	-35.9	+1.1						
Ave			+38.8	+0.0	+0.4						Z_802.11a_5805MHz	
^	11610.000 M	45.4	+0.0	+0.0	+0.0	+0.0	+0.0	59.4	71.7	-12.3		Vert
			+0.0	+9.6	-35.9	+1.1						
			+38.8	+0.0	+0.4						Z_802.11a_5805MHz	
53	17235.817 M	24.9	+0.0	+0.0	+0.0	+0.0	+0.0	47.1	71.7	-24.6		Vert
			+0.0	+12.5	-33.7	+1.5						
Ave			+41.6	+0.0	+0.3						Z_802.11a_5745MHz	
^	17235.817 M	37.3	+0.0	+0.0	+0.0	+0.0	+0.0	59.5	71.7	-12.2		Vert
			+0.0	+12.5	-33.7	+1.5						
			+41.6	+0.0	+0.3						Z_802.11a_5745MHz	

	Freq											Pol
55	17289.000 M	34.1	+0.0	+0.0	+0.0	+0.0	-9.5	47.1	71.7	-24.6		Vert
			+0.0	+12.5	-33.6	+1.5						
	Ave		+41.8	+0.0	+0.3					X_802.11a_5765MHz		
^	17289.000 M	45.4	+0.0	+0.0	+0.0	+0.0	-9.5	58.4	71.7	-13.3		Vert
			+0.0	+12.5	-33.6	+1.5						
			+41.8	+0.0	+0.3					X_802.11a_5765MHz		
57	17292.217 M	34.0	+0.0	+0.0	+0.0	+0.0	-9.5	47.1	71.7	-24.6		Vert
			+0.0	+12.5	-33.6	+1.5						
	Ave		+41.9	+0.0	+0.3					Y_802.11a_5765MHz		
^	17292.217 M	45.5	+0.0	+0.0	+0.0	+0.0	-9.5	58.6	71.7	-13.1		Vert
			+0.0	+12.5	-33.6	+1.5						
			+41.9	+0.0	+0.3					Y_802.11a_5765MHz		
59	17230.500 M	34.3	+0.0	+0.0	+0.0	+0.0	-9.5	47.0	71.7	-24.7		Vert
			+0.0	+12.5	-33.7	+1.5						
	Ave		+41.6	+0.0	+0.3					Y_802.11a_5745MHz		
^	17230.500 M	46.2	+0.0	+0.0	+0.0	+0.0	-9.5	58.9	71.7	-12.8		Vert
			+0.0	+12.5	-33.7	+1.5						
			+41.6	+0.0	+0.3					Y_802.11a_5745MHz		
61	11490.000 M	32.8	+0.0	+0.0	+0.0	+0.0	+0.0	46.8	71.7	-24.9		Vert
			+0.0	+9.6	-35.9	+1.1						
	Ave		+38.8	+0.0	+0.4					Z_802.11a_5745MHz		
^	11490.000 M	51.5	+0.0	+0.0	+0.0	+0.0	+0.0	65.5	71.7	-6.2		Vert
			+0.0	+9.6	-35.9	+1.1						
			+38.8	+0.0	+0.4					Y_802.11a_5745MHz		
^	11490.000 M	48.5	+0.0	+0.0	+0.0	+0.0	+0.0	62.5	71.7	-9.2		Vert
			+0.0	+9.6	-35.9	+1.1						
			+38.8	+0.0	+0.4					X_802.11a_5745MHz		
^	11490.000 M	44.2	+0.0	+0.0	+0.0	+0.0	+0.0	58.2	71.7	-13.5		Vert
			+0.0	+9.6	-35.9	+1.1						
			+38.8	+0.0	+0.4					Z_802.11a_5745MHz		
65	10400.000 M	34.8	+0.0	+0.0	+0.0	+0.0	+0.0	46.7	71.7	-25.0		Horiz
			+0.0	+8.8	-36.2	+1.0						
	Ave		+38.0	+0.0	+0.3					Z_802.11a_5200MHz		

No.	Freq (M)												Pol
66	11529.333 M	32.6	+0.0	+0.0	+0.0	+0.0	+0.0	46.6	71.7	-25.1			Vert
			+0.0	+9.6	-35.9	+1.1							
	Ave		+38.8	+0.0	+0.4						Z_802.11a_5765MHz		
^	11529.417 M	52.4	+0.0	+0.0	+0.0	+0.0	+0.0	66.4	71.7	-5.3			Vert
			+0.0	+9.6	-35.9	+1.1							
			+38.8	+0.0	+0.4						Y_802.11a_5765MHz		
^	11529.333 M	44.5	+0.0	+0.0	+0.0	+0.0	+0.0	58.5	71.7	-13.2			Vert
			+0.0	+9.6	-35.9	+1.1							
			+38.8	+0.0	+0.4						Z_802.11a_5765MHz		
69	11606.017 M	37.3	+0.0	+0.0	+0.0	+0.0	+0.0	51.3	76.5	-25.2			Vert
			+0.0	+9.6	-35.9	+1.1							
	Ave		+38.8	+0.0	+0.4						X_5805MHz		
^	11606.000 M	48.5	+0.0	+0.0	+0.0	+0.0	+0.0	62.5	71.7	-9.2			Vert
			+0.0	+9.6	-35.9	+1.1							
			+38.8	+0.0	+0.4						X_5805MHz		
71	17415.000 M	23.0	+0.0	+0.0	+0.0	+0.0	+0.0	46.2	71.7	-25.5			Vert
			+0.0	+12.5	-33.6	+1.5							
	Ave		+42.4	+0.0	+0.4						Z_802.11a_5805MHz		
^	17415.000 M	33.7	+0.0	+0.0	+0.0	+0.0	+0.0	56.9	71.7	-14.8			Vert
			+0.0	+12.5	-33.6	+1.5							
			+42.4	+0.0	+0.4						Z_802.11a_5805MHz		
73	15540.000 M	28.9	+0.0	+0.0	+0.0	+0.0	+0.0	45.9	71.7	-25.8			Vert
			+0.0	+11.7	-34.6	+1.4							
	Ave		+38.0	+0.0	+0.5						Y_802.11a_5180MHz		
74	11527.800 M	31.9	+0.0	+0.0	+0.0	+0.0	+0.0	45.9	71.7	-25.8			Horiz
			+0.0	+9.6	-35.9	+1.1							
	Ave		+38.8	+0.0	+0.4						Y_802.11a_5765MHz		
^	11527.800 M	44.8	+0.0	+0.0	+0.0	+0.0	+0.0	58.8	71.7	-12.9			Horiz
			+0.0	+9.6	-35.9	+1.1							
			+38.8	+0.0	+0.4						Y_802.11a_5765MHz		
76	15720.000 M	28.3	+0.0	+0.0	+0.0	+0.0	+0.0	45.6	71.7	-26.1			Horiz
			+0.0	+11.8	-34.4	+1.4							
	Ave		+38.0	+0.0	+0.5						Y_802.11a_5240MHz		
77	10480.000 M	33.6	+0.0	+0.0	+0.0	+0.0	+0.0	45.6	71.7	-26.1			Horiz
			+0.0	+8.9	-36.2	+1.0							
	Ave		+38.0	+0.0	+0.3						Z_802.11a_5240MHz		
78	10359.833 M	33.6	+0.0	+0.0	+0.0	+0.0	+0.0	45.5	71.7	-26.2			Horiz
			+0.0	+8.8	-36.2	+1.0							
	Ave		+38.0	+0.0	+0.3						Z_802.11a_5180MHz		

No.	Freq (MHz)									Pol.	Name
^	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	-11.8	Horiz	Z_802.11a_5180MHz
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	-26.2	Horiz	Y-802.11a_5805MHz
^	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	-13.7	Horiz	Y-802.11a_5805MHz
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	-26.3	Vert	X_5805MHz
^	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	-15.9	Vert	X_5805MHz
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	-26.4	Vert	Y-802.11a_5805MHz
^	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	-16.9	Vert	Y-802.11a_5805MHz
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	-26.5	Vert	X_802.11a_5200MHz
^	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	-12.4	Vert	Y_802.11a_5200MHz
^	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	-14.3	Vert	X_802.11a_5200MHz
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	-26.5	Vert	X_802.11a_5200MHz
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	-26.6	Horiz	X_802.11a_5240MHz
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	-26.6	Horiz	X_802.11a_5180MHz

#	Frequency											
^	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	-12.8	Horiz	X_802.11a_5180MHz
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	-26.6	Horiz	Y-802.11a_5805MHz
^	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	-14.6	Horiz	Y-802.11a_5805MHz
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	-26.7	Vert	Z_802.11a_5240MHz
^	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	-12.9	Vert	Z_802.11a_5240MHz
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	-26.7	Vert	X_802.11a_5180MHz
^	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	-12.4	Vert	X_802.11a_5180MHz
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	-27.2	Vert	Z_802.11a_5765MHz
^	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	-16.3	Vert	Z_802.11a_5765MHz
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	-27.3	Horiz	Y_802.11a_5240MHz
^	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	-13.0	Horiz	Z_802.11a_5240MHz
^	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	-13.8	Horiz	X_802.11a_5240MHz
^	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	-14.9	Horiz	Y_802.11a_5240MHz

#	Freq										Pol
105	10480.000 M	32.3	+0.0	+0.0	+0.0	+0.0	+0.0	44.3	71.7	-27.4	Vert
			+0.0	+8.9	-36.2	+1.0					
	Ave		+38.0	+0.0	+0.3				X_802.11a_5240MHz		
^	10480.000 M	43.4	+0.0	+0.0	+0.0	+0.0	+0.0	55.4	71.7	-16.3	Vert
			+0.0	+8.9	-36.2	+1.0					
			+38.0	+0.0	+0.3				X_802.11a_5240MHz		
107	15720.000 M	26.8	+0.0	+0.0	+0.0	+0.0	+0.0	44.1	71.7	-27.6	Vert
			+0.0	+11.8	-34.4	+1.4					
	Ave		+38.0	+0.0	+0.5				X_802.11a_5240MHz		
108	15720.000 M	26.7	+0.0	+0.0	+0.0	+0.0	+0.0	44.0	71.7	-27.7	Horiz
			+0.0	+11.8	-34.4	+1.4					
	Ave		+38.0	+0.0	+0.5				X_802.11a_5240MHz		
^	15720.000 M	43.2	+0.0	+0.0	+0.0	+0.0	+0.0	60.5	71.7	-11.2	Horiz
			+0.0	+11.8	-34.4	+1.4					
			+38.0	+0.0	+0.5				Z_802.11a_5240MHz		
^	15720.000 M	40.4	+0.0	+0.0	+0.0	+0.0	+0.0	57.7	71.7	-14.0	Horiz
			+0.0	+11.8	-34.4	+1.4					
			+38.0	+0.0	+0.5				Y_802.11a_5240MHz		
^	15720.000 M	39.5	+0.0	+0.0	+0.0	+0.0	+0.0	56.8	71.7	-14.9	Horiz
			+0.0	+11.8	-34.4	+1.4					
			+38.0	+0.0	+0.5				X_802.11a_5240MHz		
112	15540.000 M	27.0	+0.0	+0.0	+0.0	+0.0	+0.0	44.0	71.7	-27.7	Horiz
			+0.0	+11.7	-34.6	+1.4					
	Ave		+38.0	+0.0	+0.5				Y_802.11a_5180MHz		
^	15540.000 M	39.1	+0.0	+0.0	+0.0	+0.0	+0.0	56.1	71.7	-15.6	Horiz
			+0.0	+11.7	-34.6	+1.4					
			+38.0	+0.0	+0.5				Y_802.11a_5180MHz		
114	15540.000 M	27.0	+0.0	+0.0	+0.0	+0.0	+0.0	44.0	71.7	-27.7	Vert
			+0.0	+11.7	-34.6	+1.4					
	Ave		+38.0	+0.0	+0.5				Z_802.11a_5180MHz		
^	15540.000 M	40.9	+0.0	+0.0	+0.0	+0.0	+0.0	57.9	71.7	-13.8	Vert
			+0.0	+11.7	-34.6	+1.4					
			+38.0	+0.0	+0.5				Y_802.11a_5180MHz		
^	15540.000 M	39.5	+0.0	+0.0	+0.0	+0.0	+0.0	56.5	71.7	-15.2	Vert
			+0.0	+11.7	-34.6	+1.4					
			+38.0	+0.0	+0.5				Z_802.11a_5180MHz		

No.	Freq (MHz)											Pol.
117	11490.000 M	29.5	+0.0	+0.0	+0.0	+0.0	+0.0	43.5	71.7	-28.2		Horiz
			+0.0	+9.6	-35.9	+1.1						
	Ave		+38.8	+0.0	+0.4						Y_802.11a_5745MHz	
^	11490.000 M	48.5	+0.0	+0.0	+0.0	+0.0	+0.0	62.5	71.7	-9.2		Horiz
			+0.0	+9.6	-35.9	+1.1						
			+38.8	+0.0	+0.4						X_802.11a_5745MHz	
^	11490.000 M	40.3	+0.0	+0.0	+0.0	+0.0	+0.0	54.3	71.7	-17.4		Horiz
			+0.0	+9.6	-35.9	+1.1						
			+38.8	+0.0	+0.4						Y_802.11a_5745MHz	
120	15538.583 M	26.5	+0.0	+0.0	+0.0	+0.0	+0.0	43.5	71.7	-28.2		Vert
			+0.0	+11.7	-34.6	+1.4						
	Ave		+38.0	+0.0	+0.5						X_802.11a_5180MHz	
^	15538.583 M	38.0	+0.0	+0.0	+0.0	+0.0	+0.0	55.0	71.7	-16.7		Vert
			+0.0	+11.7	-34.6	+1.4						
			+38.0	+0.0	+0.5						X_802.11a_5180MHz	
122	10399.167 M	31.4	+0.0	+0.0	+0.0	+0.0	+0.0	43.3	71.7	-28.4		Vert
			+0.0	+8.8	-36.2	+1.0						
	Ave		+38.0	+0.0	+0.3						Z_802.11a_5200MHz	
^	10399.167 M	43.1	+0.0	+0.0	+0.0	+0.0	+0.0	55.0	71.7	-16.7		Vert
			+0.0	+8.8	-36.2	+1.0						
			+38.0	+0.0	+0.3						Z_802.11a_5200MHz	
124	15720.000 M	25.6	+0.0	+0.0	+0.0	+0.0	+0.0	42.9	71.7	-28.8		Vert
			+0.0	+11.8	-34.4	+1.4						
	Ave		+38.0	+0.0	+0.5						Y_802.11a_5240MHz	
^	15720.000 M	38.8	+0.0	+0.0	+0.0	+0.0	+0.0	56.1	71.7	-15.6		Vert
			+0.0	+11.8	-34.4	+1.4						
			+38.0	+0.0	+0.5						X_802.11a_5240MHz	
^	15720.000 M	38.4	+0.0	+0.0	+0.0	+0.0	+0.0	55.7	71.7	-16.0		Vert
			+0.0	+11.8	-34.4	+1.4						
			+38.0	+0.0	+0.5						Y_802.11a_5240MHz	
127	17235.000 M	30.1	+0.0	+0.0	+0.0	+0.0	-9.5	42.8	71.7	-28.9		Horiz
			+0.0	+12.5	-33.7	+1.5						
	Ave		+41.6	+0.0	+0.3						Y_802.11a_5745MHz	
^	17235.000 M	57.0	+0.0	+0.0	+0.0	+0.0	-9.5	69.7	71.7	-2.0		Horiz
			+0.0	+12.5	-33.7	+1.5						
			+41.6	+0.0	+0.3						X_802.11a_5745MHz	
^	17235.000 M	44.8	+0.0	+0.0	+0.0	+0.0	-9.5	57.5	71.7	-14.2		Horiz
			+0.0	+12.5	-33.7	+1.5						
			+41.6	+0.0	+0.3						Y_802.11a_5745MHz	

No.	Freq	Reading						Result	Limit	Margin	Pol.
130	6986.667M	36.2	+0.0	+0.0	+0.0	+0.0	+0.0	42.8	71.7	-28.9	Vert
Ave			+0.0	+6.7	-36.4	+0.8					Z_802.11a_5240MHz
			+35.0	+0.0	+0.5						
^	6986.667M	42.9	+0.0	+0.0	+0.0	+0.0	+0.0	49.5	71.7	-22.2	Vert
			+0.0	+6.7	-36.4	+0.8					Z_802.11a_5240MHz
			+35.0	+0.0	+0.5						
132	10360.000M	30.9	+0.0	+0.0	+0.0	+0.0	+0.0	42.8	71.7	-28.9	Horiz
			+0.0	+8.8	-36.2	+1.0					
Ave			+38.0	+0.0	+0.3						Y_802.11a_5180MHz
^	10360.000M	42.8	+0.0	+0.0	+0.0	+0.0	+0.0	54.7	71.7	-17.0	Horiz
			+0.0	+8.8	-36.2	+1.0					
			+38.0	+0.0	+0.3						Y_802.11a_5180MHz
134	550.000M	47.3	+0.0	+18.4	+0.4	+4.3	+0.0	42.8	71.7	-28.9	Horiz
QP			-27.6	+0.0	+0.0	+0.0					
			+0.0	+0.0	+0.0						
135	15600.000M	25.5	+0.0	+0.0	+0.0	+0.0	+0.0	42.6	71.7	-29.1	Horiz
			+0.0	+11.8	-34.6	+1.4					
Ave			+38.0	+0.0	+0.5						X_802.11a_5200MHz
^	15600.000M	45.3	+0.0	+0.0	+0.0	+0.0	+0.0	62.4	71.7	-9.3	Horiz
			+0.0	+11.8	-34.6	+1.4					
			+38.0	+0.0	+0.5						Z_802.11a_5200MHz
^	15600.000M	42.7	+0.0	+0.0	+0.0	+0.0	+0.0	59.8	71.7	-11.9	Horiz
			+0.0	+11.8	-34.6	+1.4					
			+38.0	+0.0	+0.5						Y_802.11a_5200MHz
^	15600.000M	38.1	+0.0	+0.0	+0.0	+0.0	+0.0	55.2	71.7	-16.5	Horiz
			+0.0	+11.8	-34.6	+1.4					
			+38.0	+0.0	+0.5						X_802.11a_5200MHz
139	15602.500M	25.5	+0.0	+0.0	+0.0	+0.0	+0.0	42.6	71.7	-29.1	Vert
			+0.0	+11.8	-34.6	+1.4					
Ave			+38.0	+0.0	+0.5						Z_802.11a_5200MHz
^	15602.500M	37.3	+0.0	+0.0	+0.0	+0.0	+0.0	54.4	71.7	-17.3	Vert
			+0.0	+11.8	-34.6	+1.4					
			+38.0	+0.0	+0.5						Z_802.11a_5200MHz
141	10483.333M	30.6	+0.0	+0.0	+0.0	+0.0	+0.0	42.6	71.7	-29.1	Vert
			+0.0	+8.9	-36.2	+1.0					
Ave			+38.0	+0.0	+0.3						Y_802.11a_5240MHz
^	10483.333M	44.7	+0.0	+0.0	+0.0	+0.0	+0.0	56.7	71.7	-15.0	Vert
			+0.0	+8.9	-36.2	+1.0					
			+38.0	+0.0	+0.3						Y_802.11a_5240MHz

No.	Frequency	Reading									Pol	Reference
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	-29.2	Vert	Z_802.11a_5240MHz
^	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	-18.2	Vert	Z_802.11a_5240MHz
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	-29.2	Vert	Z_802.11a_5200MHz
^	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	-21.2	Vert	Z_802.11a_5200MHz
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	-29.3	Vert	Z_802.11a_5180MHz
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	-29.3	Horiz	X_802.11a_5180MHz
^	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	-17.6	Horiz	X_802.11a_5180MHz
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	-29.4	Vert	Y_802.11a_5200MHz
^	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	-13.8	Vert	X_802.11a_5200MHz
^	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	-19.3	Vert	Y_802.11a_5200MHz

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	-29.5	Vert	Y_802.11a_5180MHz
^	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	-16.5	Vert	Z_802.11a_5180MHz
^	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	-16.5	Vert	Y_802.11a_5180MHz
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	-30.8	Horiz	Y_802.11a_5200MHz
^	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	-22.9	Horiz	Y_802.11a_5200MHz
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	-30.9	Horiz	X_802.11a_5200MHz
^	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	-11.1	Horiz	Z_802.11a_5200MHz
^	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	-13.3	Horiz	Y_802.11a_5200MHz
^	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	-17.2	Horiz	X_802.11a_5200MHz
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	-30.9	Horiz	Y_802.11a_5765MHz
^	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	-18.0	Horiz	Y_802.11a_5765MHz

No.	Freq	Reading	Corr1	Corr2	Corr3	Corr4	Corr5	A	B	C	Pol	Description
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	-31.3	Horiz	Y_802.11a_5180MHz
^	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	Horiz	Z_802.11a_5180MHz
^	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	Horiz	Y_802.11a_5180MHz
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	-31.3	Horiz	Y_802.11a_5240MHz
^	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	Horiz	Z_802.11a_5240MHz
^	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	Horiz	Y_802.11a_5240MHz
175	22973.333M 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	
^	22973.333M	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	

No.	Freq	Reading									Pol.
185	800.000M	37.7	+0.0	+22.5	+0.4	+5.3	+0.0	38.7	71.7	-33.0	Vert
QP			-27.2	+0.0	+0.0	+0.0					
			+0.0	+0.0	+0.0						
^	800.000M	40.9	+0.0	+22.5	+0.4	+5.3	+0.0	41.9	71.7	-29.8	Vert
			-27.2	+0.0	+0.0	+0.0					
			+0.0	+0.0	+0.0						
^	800.000M	39.9	+0.0	+22.5	+0.4	+5.3	+0.0	40.9	71.7	-30.8	Vert
			-27.2	+0.0	+0.0	+0.0					
			+0.0	+0.0	+0.0						
^	800.000M	37.6	+0.0	+22.5	+0.4	+5.3	+0.0	38.6	71.7	-33.1	Vert
			-27.2	+0.0	+0.0	+0.0					
			+0.0	+0.0	+0.0						
189	375.001M	45.2	+0.0	+17.3	+0.4	+3.5	+0.0	38.6	71.7	-33.1	Vert
			-27.8	+0.0	+0.0	+0.0					
			+0.0	+0.0	+0.0						
190	464.949M	45.0	+0.0	+16.8	+0.3	+3.9	+0.0	38.2	71.7	-33.5	Vert
			-27.8	+0.0	+0.0	+0.0					
			+0.0	+0.0	+0.0						
191	23226.667 M	38.6	+0.0	+0.0	+0.0	+0.0	-9.5	38.1	71.7	-33.6	Vert
			+0.0	+0.0	-32.5	+1.7					
Ave			+0.0	+39.8	+0.0						
^	23226.667 M	51.1	+0.0	+0.0	+0.0	+0.0	-9.5	50.6	71.7	-21.1	Vert
			+0.0	+0.0	-32.5	+1.7					
			+0.0	+39.8	+0.0						
193	251.020M	44.0	+18.6	+0.0	+0.3	+2.8	+0.0	38.0	71.7	-33.7	Horiz
			-27.7	+0.0	+0.0	+0.0					
			+0.0	+0.0	+0.0						
194	251.010M	43.9	+18.6	+0.0	+0.3	+2.8	+0.0	37.9	71.7	-33.8	Vert
			-27.7	+0.0	+0.0	+0.0					
			+0.0	+0.0	+0.0						
195	849.960M	35.4	+0.0	+23.2	+0.7	+5.5	+0.0	37.8	71.7	-33.9	Horiz
			-27.0	+0.0	+0.0	+0.0					
			+0.0	+0.0	+0.0						
196	250.990M	43.6	+18.6	+0.0	+0.3	+2.8	+0.0	37.6	71.7	-34.1	Horiz
			-27.7	+0.0	+0.0	+0.0					
			+0.0	+0.0	+0.0						
197	800.010M	36.6	+0.0	+22.5	+0.4	+5.3	+0.0	37.6	71.7	-34.1	Horiz
QP			-27.2	+0.0	+0.0	+0.0					
			+0.0	+0.0	+0.0						
^	800.000M	43.3	+0.0	+22.5	+0.4	+5.3	+0.0	44.3	71.7	-27.4	Horiz
			-27.2	+0.0	+0.0	+0.0					
			+0.0	+0.0	+0.0						
^	800.000M	41.6	+0.0	+22.5	+0.4	+5.3	+0.0	42.6	71.7	-29.1	Horiz
			-27.2	+0.0	+0.0	+0.0					
			+0.0	+0.0	+0.0						
^	800.010M	40.1	+0.0	+22.5	+0.4	+5.3	+0.0	41.1	71.7	-30.6	Horiz
			-27.2	+0.0	+0.0	+0.0					
			+0.0	+0.0	+0.0						

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

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

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

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

No.	Freq										
269	480.130M	35.2	+0.0	+17.1	+0.4	+4.0	+0.0	28.9	71.7	-42.8	Vert
			-27.8	+0.0	+0.0	+0.0					
			+0.0	+0.0	+0.0						
270	542.030M	33.5	+0.0	+18.3	+0.4	+4.3	+0.0	28.9	71.7	-42.8	Vert
			-27.6	+0.0	+0.0	+0.0					
			+0.0	+0.0	+0.0						
271	437.449M	36.1	+0.0	+16.4	+0.3	+3.8	+0.0	28.8	71.7	-42.9	Vert
			-27.8	+0.0	+0.0	+0.0					
			+0.0	+0.0	+0.0						
272	375.418M	35.4	+0.0	+17.2	+0.4	+3.5	+0.0	28.7	71.7	-43.0	Horiz
			-27.8	+0.0	+0.0	+0.0					
			+0.0	+0.0	+0.0						
273	137.190M	36.8	+17.6	+0.0	+0.3	+1.9	+0.0	28.7	71.7	-43.0	Horiz
			-27.9	+0.0	+0.0	+0.0					
			+0.0	+0.0	+0.0						
274	436.950M	36.0	+0.0	+16.4	+0.3	+3.8	+0.0	28.7	71.7	-43.0	Horiz
			-27.8	+0.0	+0.0	+0.0					
			+0.0	+0.0	+0.0						
275	410.999M	36.5	+0.0	+15.9	+0.4	+3.6	+0.0	28.6	71.7	-43.1	Vert
			-27.8	+0.0	+0.0	+0.0					
			+0.0	+0.0	+0.0						
276	393.017M	36.3	+0.0	+16.1	+0.4	+3.6	+0.0	28.6	71.7	-43.1	Vert
			-27.8	+0.0	+0.0	+0.0					
			+0.0	+0.0	+0.0						
277	467.370M	35.0	+0.0	+16.9	+0.3	+3.9	+0.0	28.3	71.7	-43.4	Vert
			-27.8	+0.0	+0.0	+0.0					
			+0.0	+0.0	+0.0						
278	524.283M	33.2	+0.0	+17.9	+0.4	+4.2	+0.0	28.0	71.7	-43.7	Horiz
			-27.7	+0.0	+0.0	+0.0					
			+0.0	+0.0	+0.0						
279	369.690M	34.1	+0.0	+17.6	+0.3	+3.4	+0.0	27.6	71.7	-44.1	Horiz
			-27.8	+0.0	+0.0	+0.0					
			+0.0	+0.0	+0.0						
280	450.563M	34.6	+0.0	+16.6	+0.3	+3.8	+0.0	27.5	71.7	-44.2	Horiz
			-27.8	+0.0	+0.0	+0.0					
			+0.0	+0.0	+0.0						
281	163.090M	34.5	+18.5	+0.0	+0.3	+2.1	+0.0	27.5	71.7	-44.2	Horiz
			-27.9	+0.0	+0.0	+0.0					
			+0.0	+0.0	+0.0						
282	462.825M	33.4	+0.0	+16.8	+0.3	+3.9	+0.0	26.6	71.7	-45.1	Horiz
			-27.8	+0.0	+0.0	+0.0					
			+0.0	+0.0	+0.0						
283	487.366M	32.8	+0.0	+17.2	+0.4	+4.0	+0.0	26.6	71.7	-45.1	Vert
			-27.8	+0.0	+0.0	+0.0					
			+0.0	+0.0	+0.0						

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

CKC Laboratories, Inc. Date: 2/2/2010 Time: 13:43:58 Silex Technology, America, Inc. WO#: 90303
FCC 15.407 (b)(1) Test Distance: 3 Meters Sequence#: 7
SX-SDCAG

Readings
Average Readings
1 - FCC 15.407 (b)(1)
Peak Readings
Ambient
QP Readings
Software Version: 5.03.00

Band Edge

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

Plots

Ethertronic Antenna, Test Date: 3/19/10
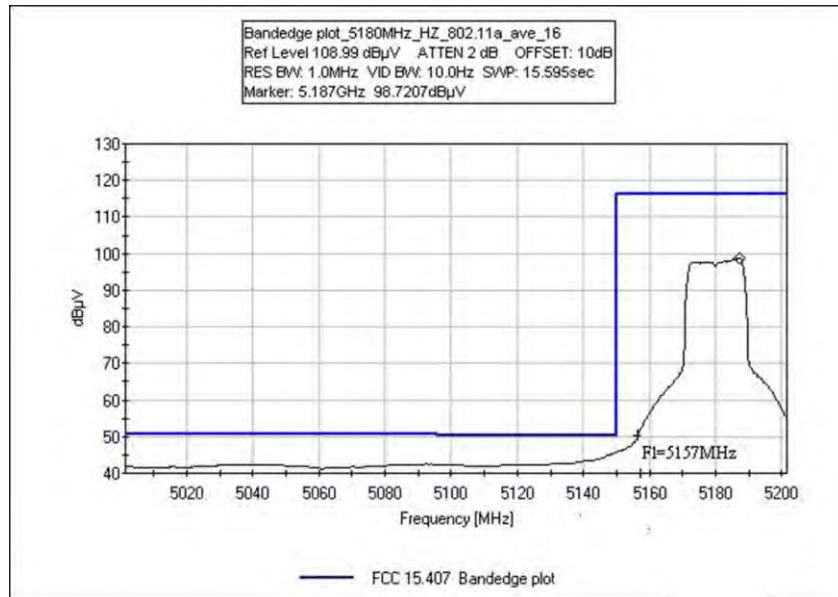
Band edge plot_5180MHz_HZ_802.11a_ave_16_ethertronic_orig
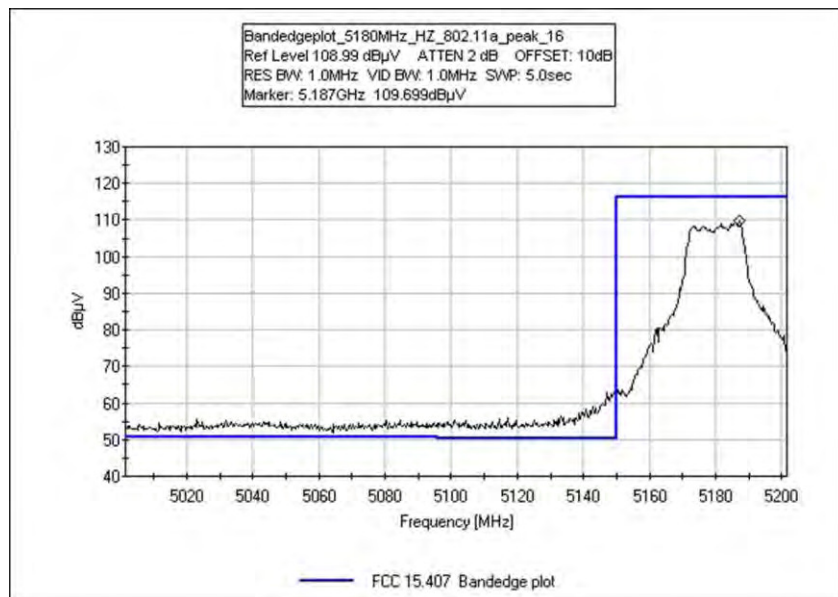
Band edge plot_5180MHz_HZ_802.11a_peak_16_ethertronic_orig
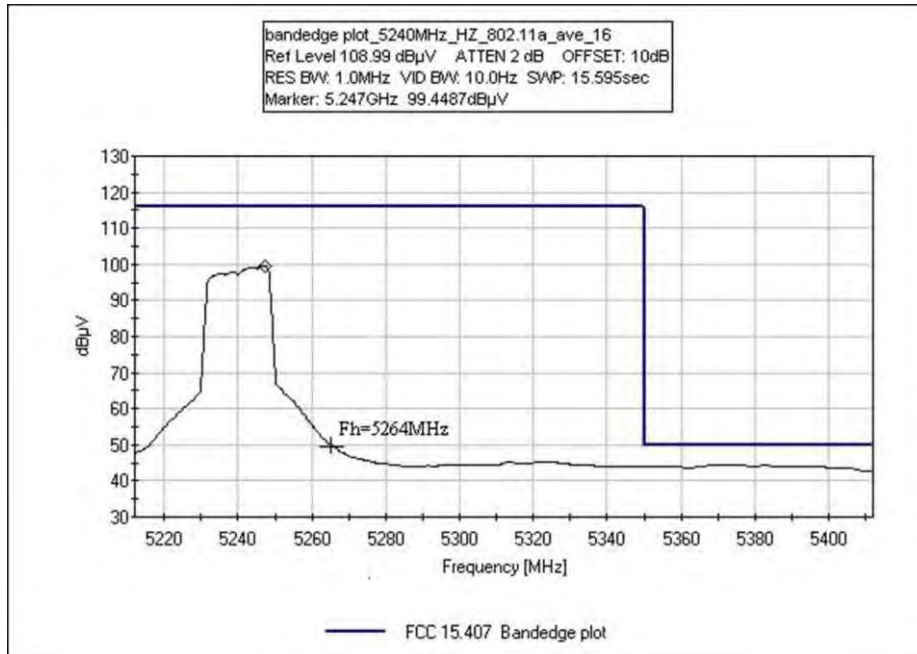
Band edge plot_5240MHz_HZ_802.11a_ave_16_ethertronic_orig
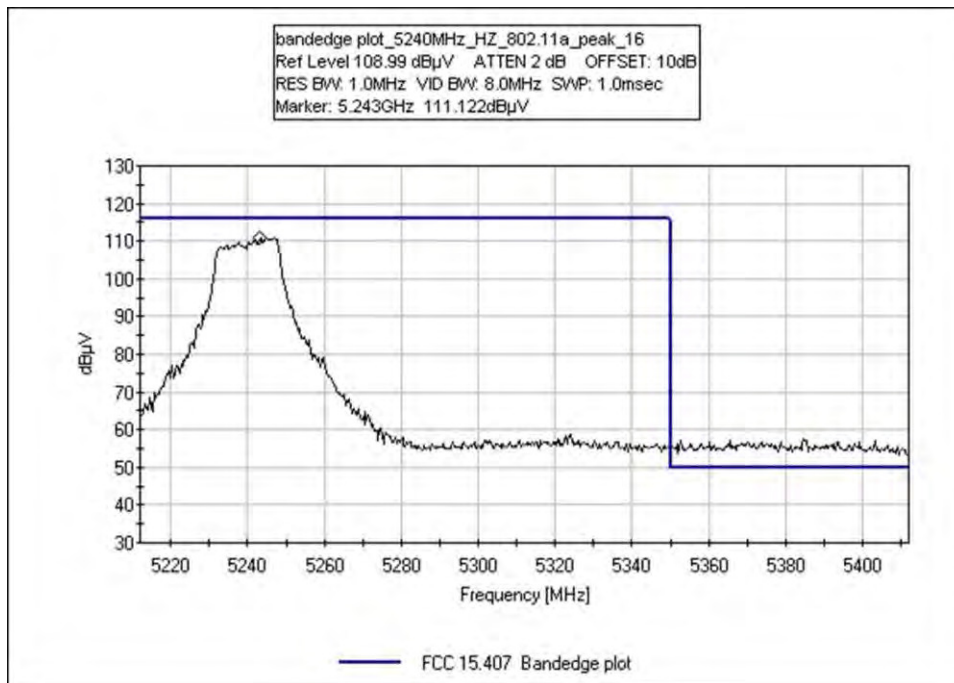
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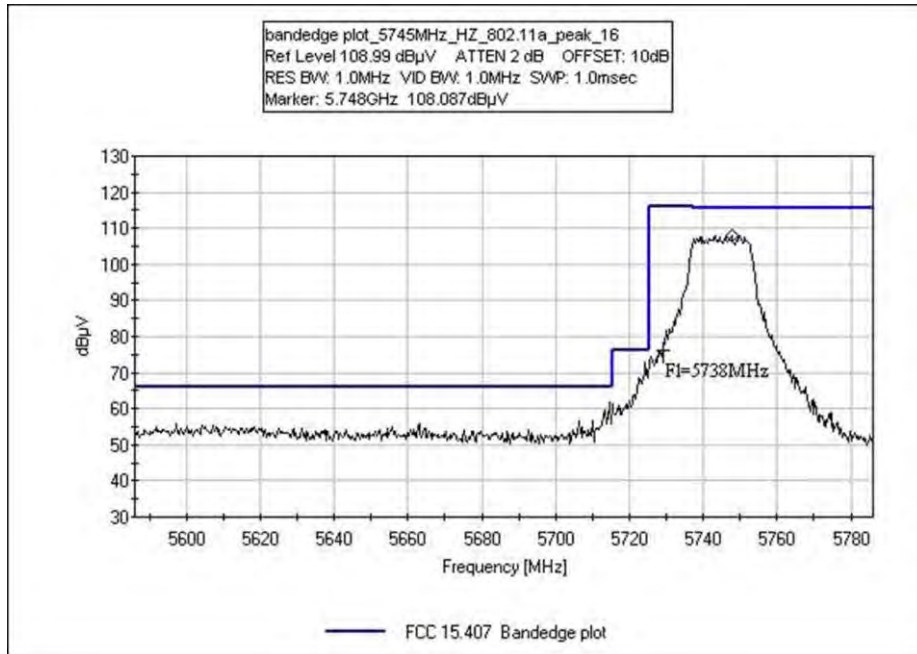
Band edge plot_5745MHz_HZ_802.11a_peak_16_ethertronic_orig
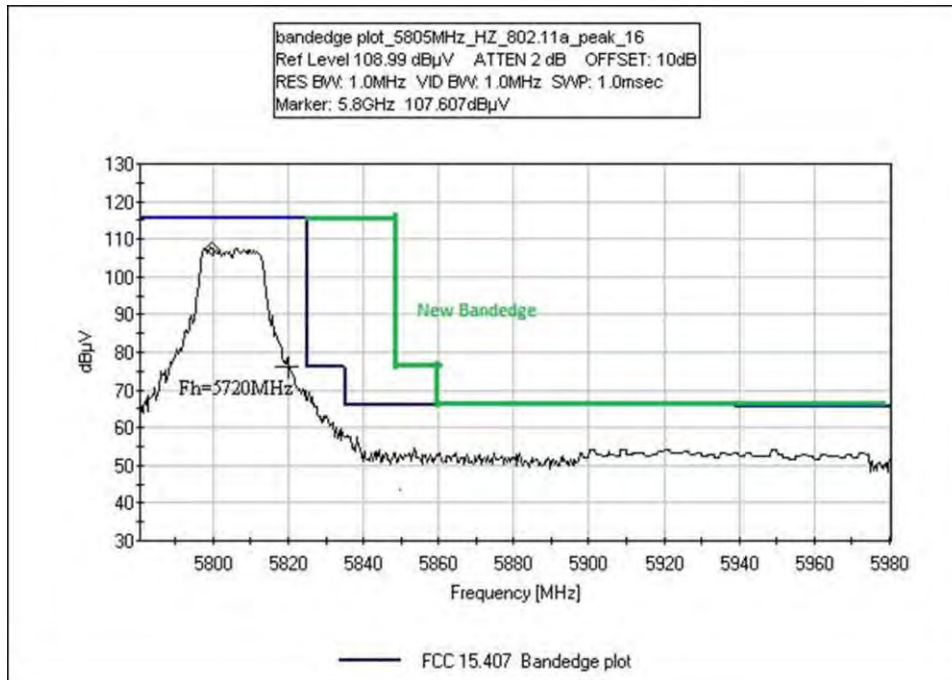
Band edge plot_5805MHz_HZ_802.11a_peak_16_ethertronic_orig
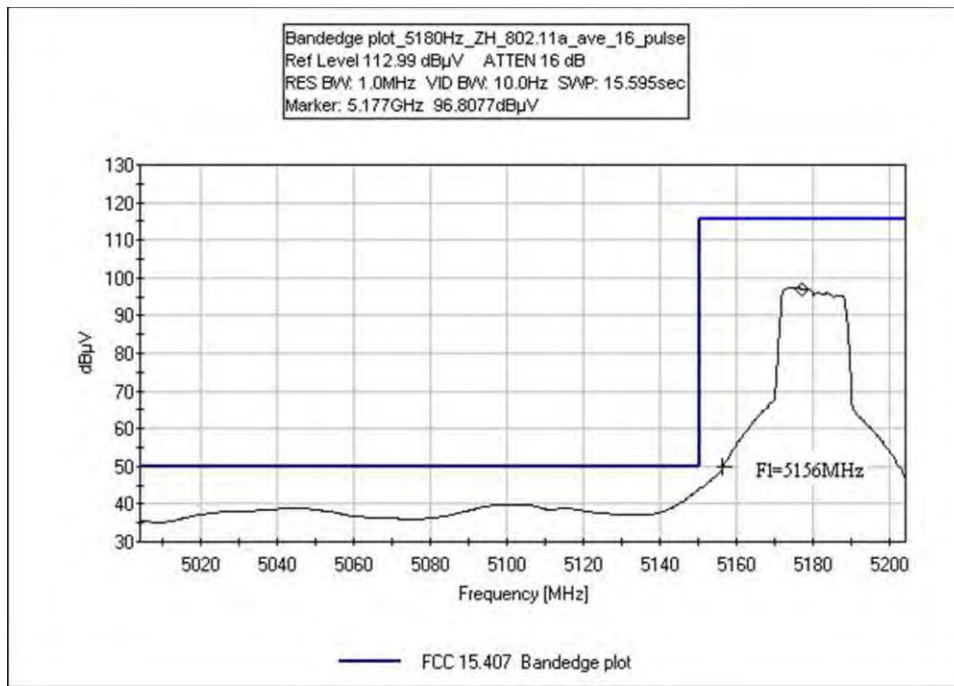
Band edge plot_5180Hz_ZH_802.11a_ave_16_pulse_orig
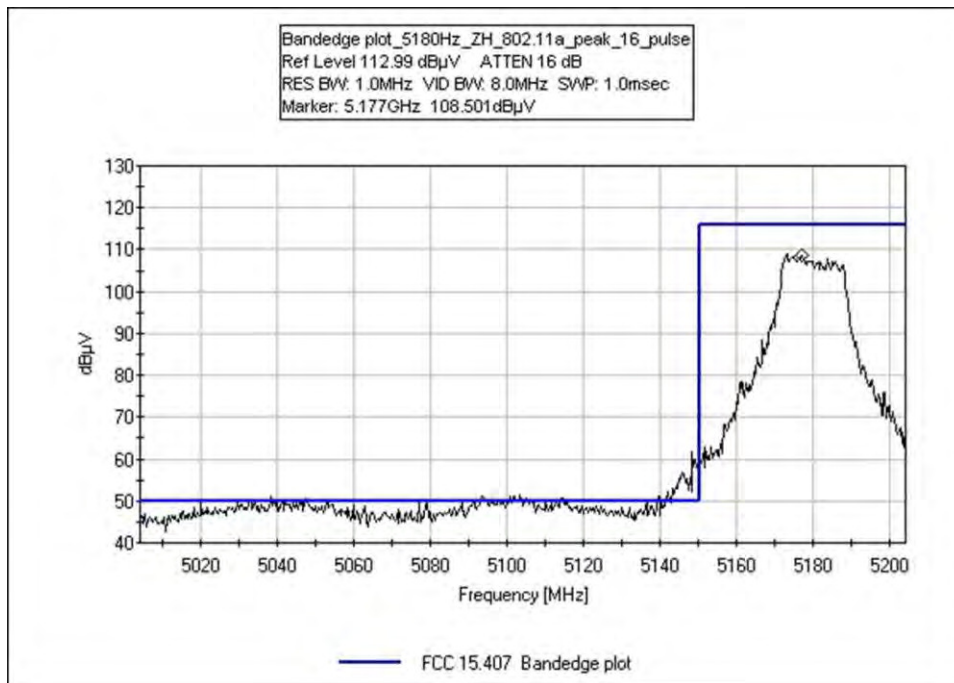
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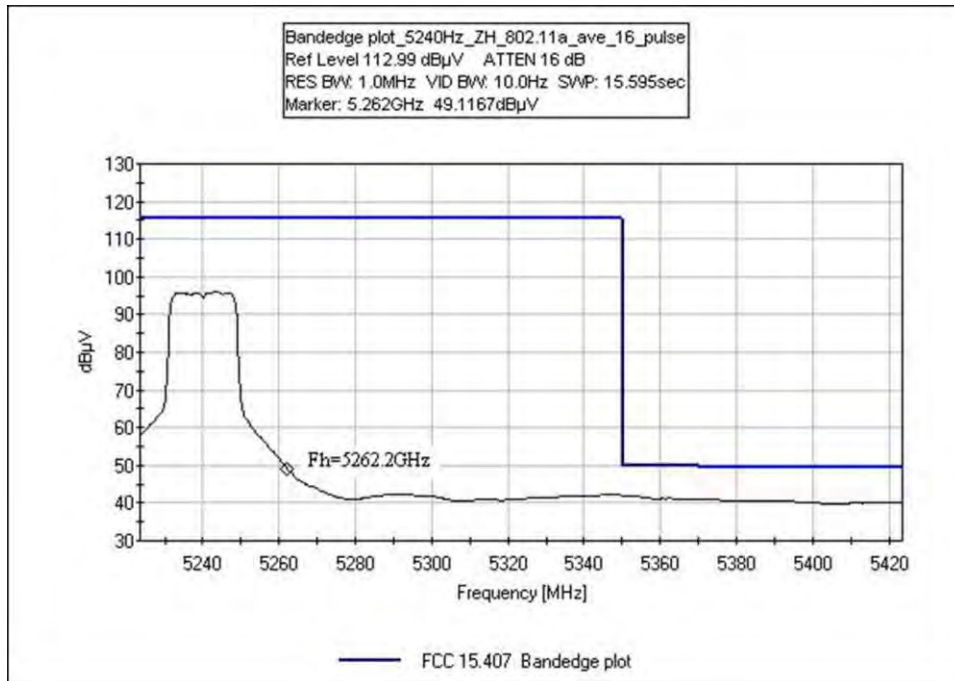
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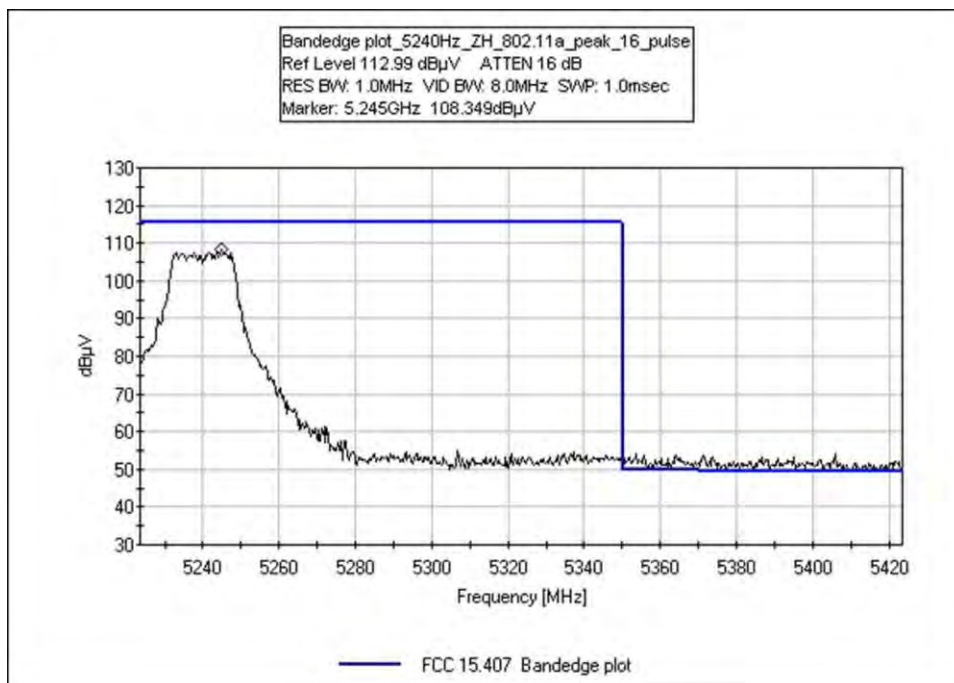
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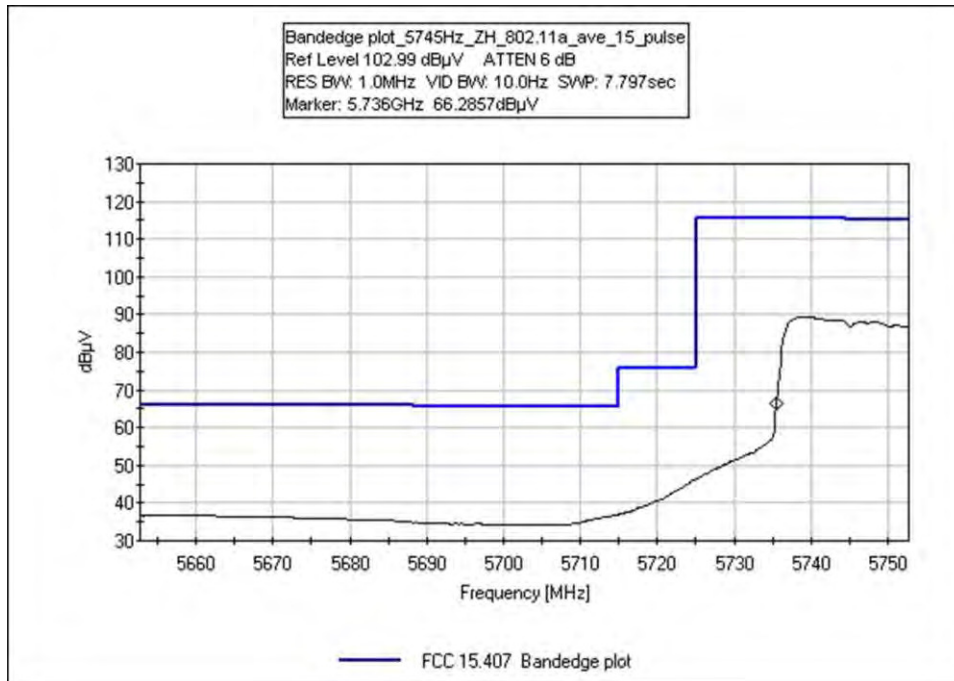
Band edge plot_5745Hz_ZH_802.11a_ave_15_pulse_orig
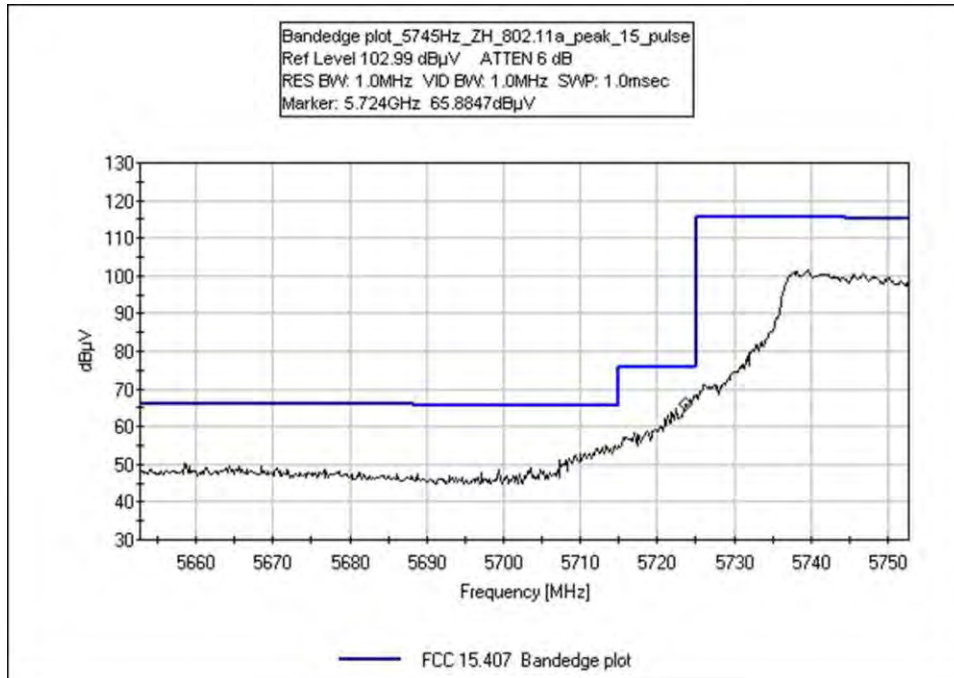
Band edge plot_5745Hz_ZH_802.11a_peak_15_pulse_orig

Bandedge plot_58050Hz_ZH_802.11a_ave_16_pulse.JPG
Ref Level 102.99 dBμV   ATTEN 6 dB
RES BW: 1.0MHz VID BW: 10.0Hz SWP: 15.595sec
Marker: 5.799GHz 84.7237dBμV

New bandedge

FCC 15.407 Bandedge plot

Band edge plot_5805Hz_ZH_802.11a_ave_16_pulse_orig

Bandedge plot_58050Hz_ZH_802.11a_peak_16_pulse.JPG
Ref Level 102.99 dBμV   ATTEN 6 dB
RES BW: 1.0MHz VID BW: 1.0MHz SWP: 1.0msec
Marker: 5.811GHz 96.2557dBμV

New Bandedge

FCC 15.407 Bandedge plot
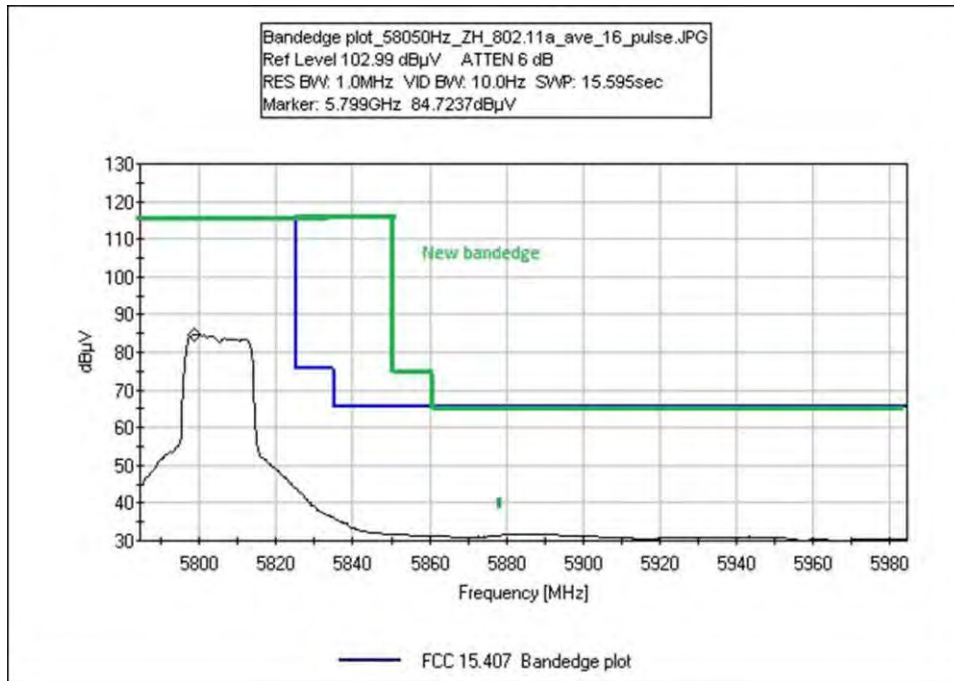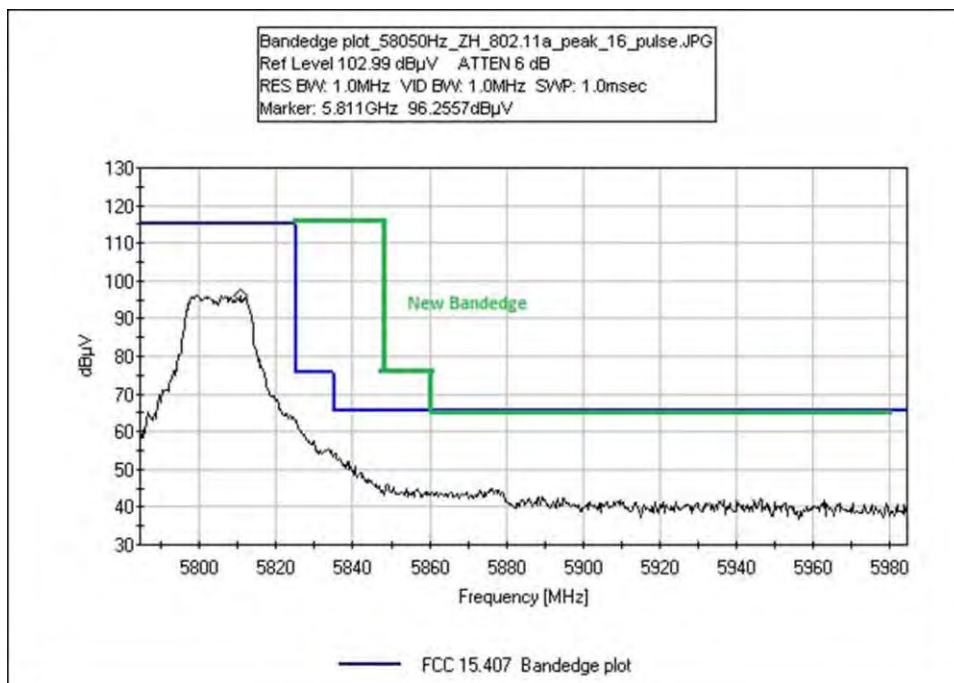
Band edge plot_5805Hz_ZH_802.11a_peak_16_pulse_orig

Test Setup Photo(s)

Ethertronic Antenna
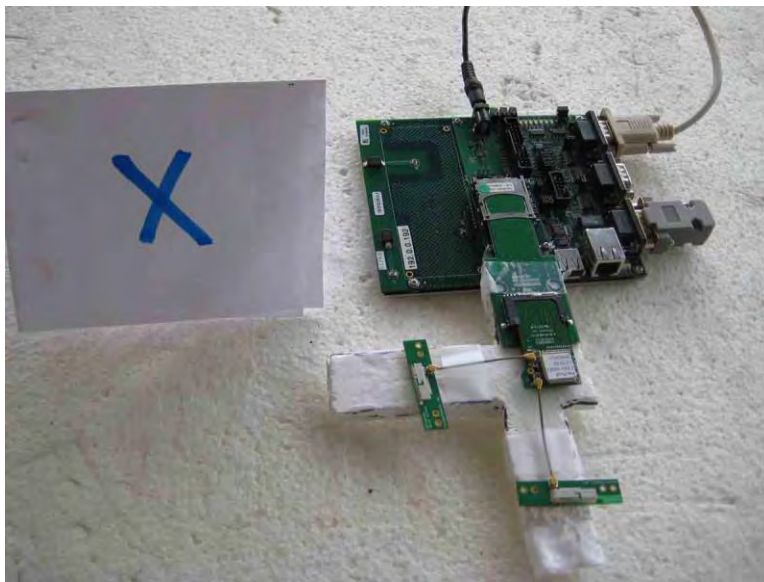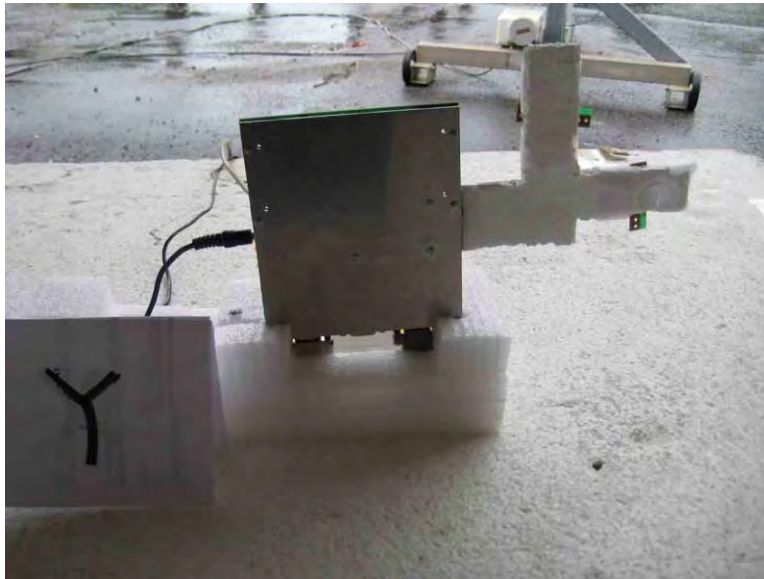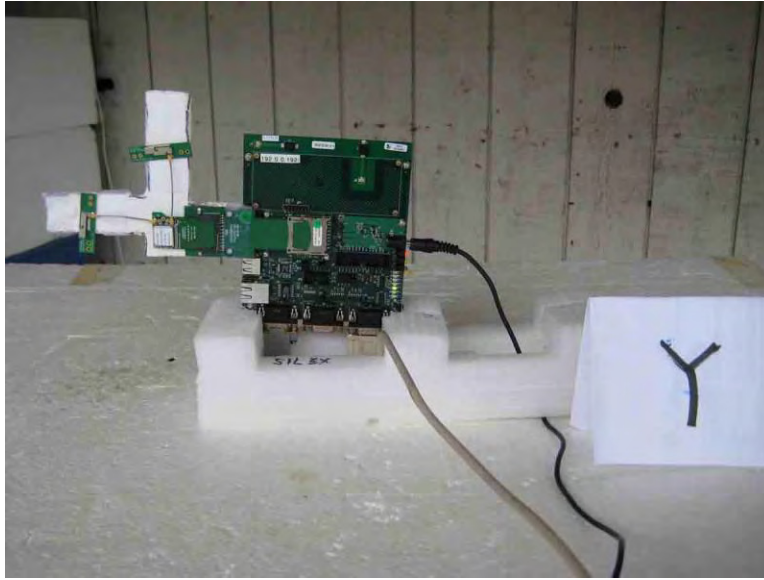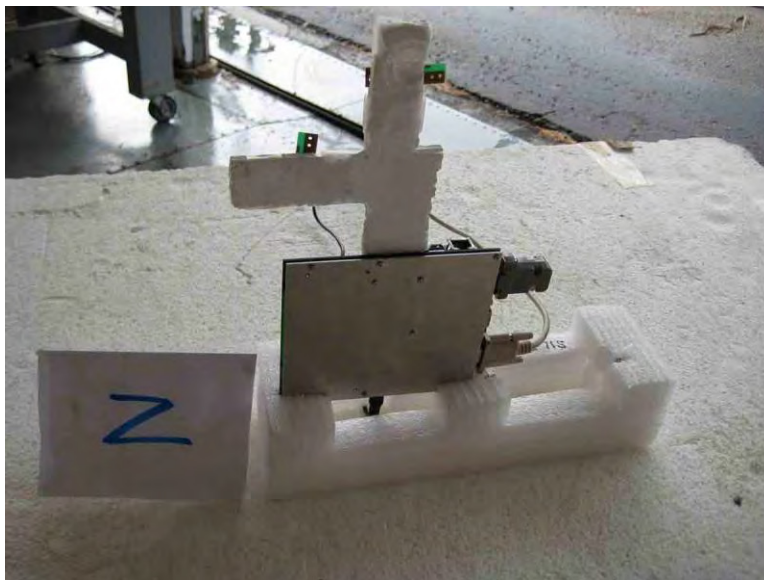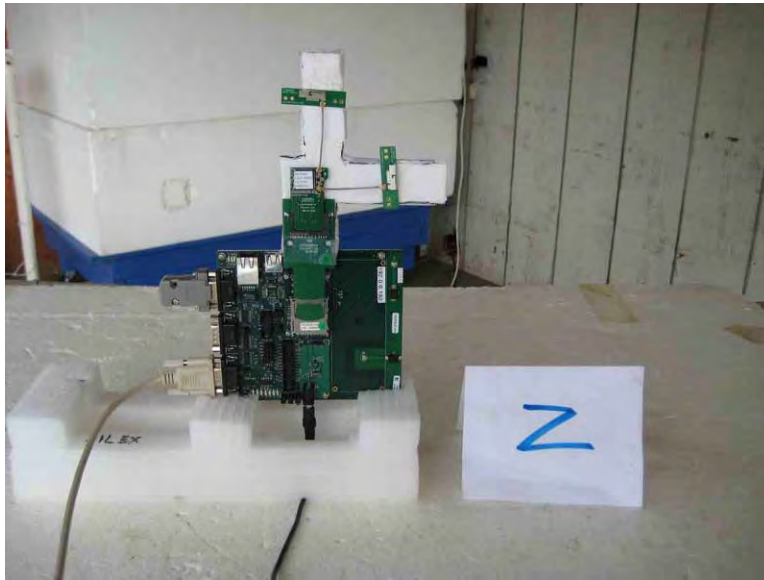
Pulse Antenna
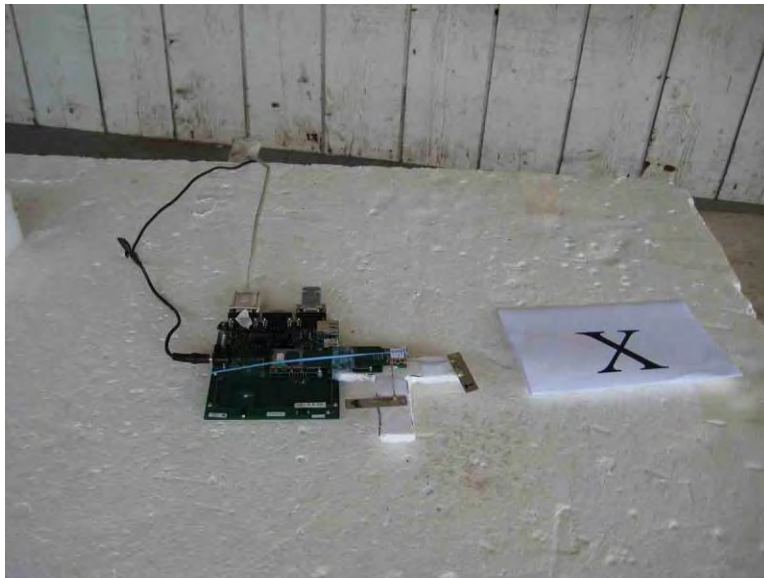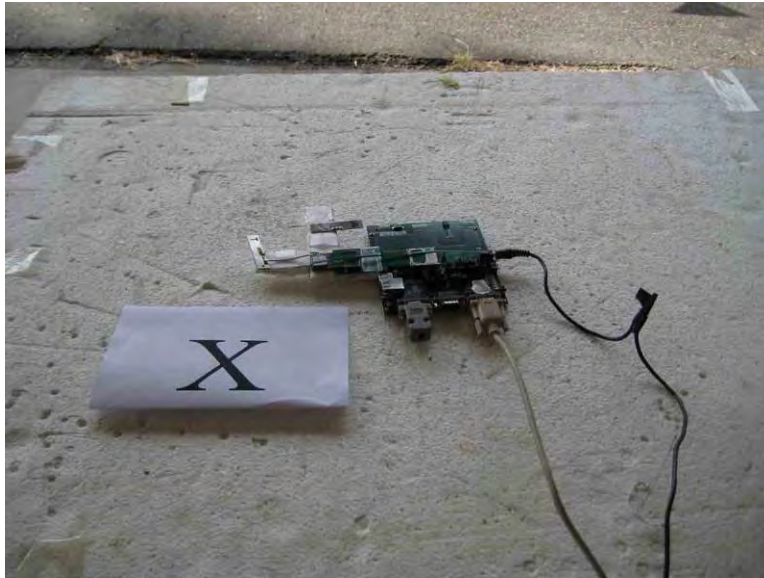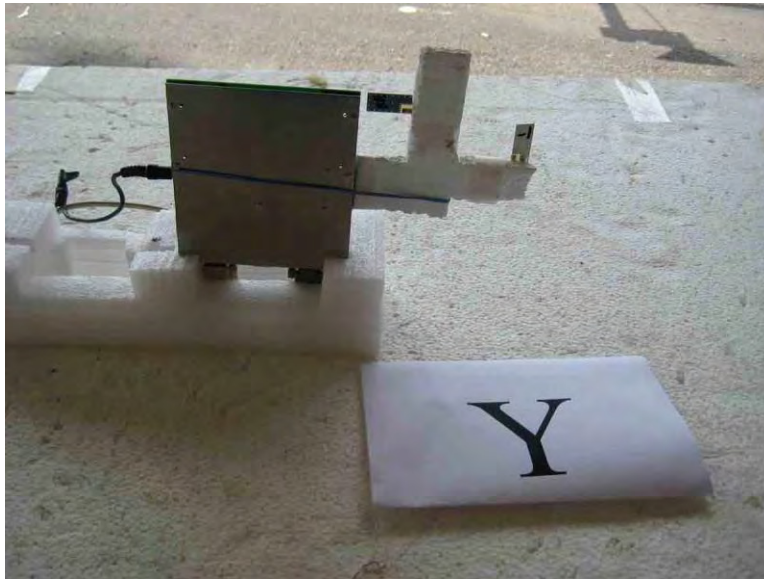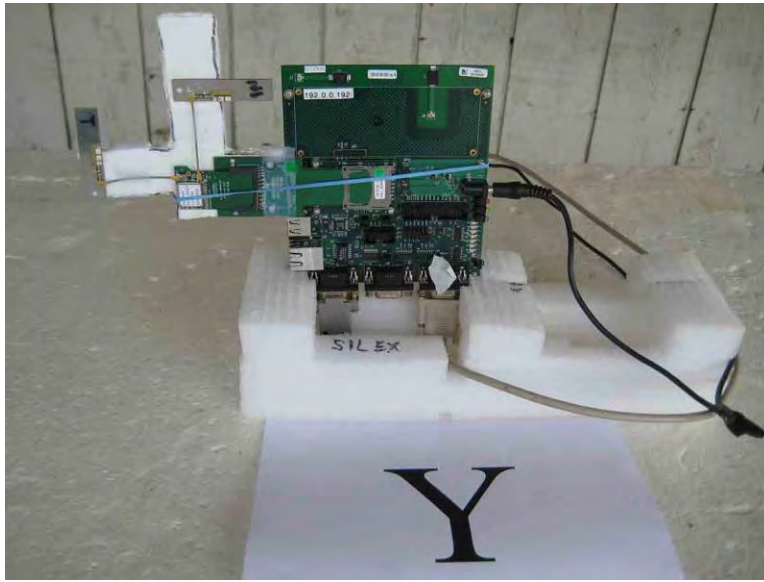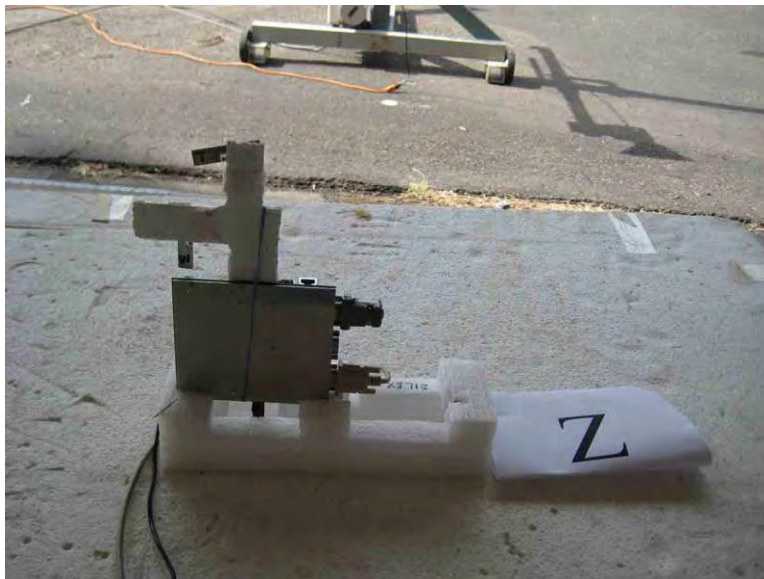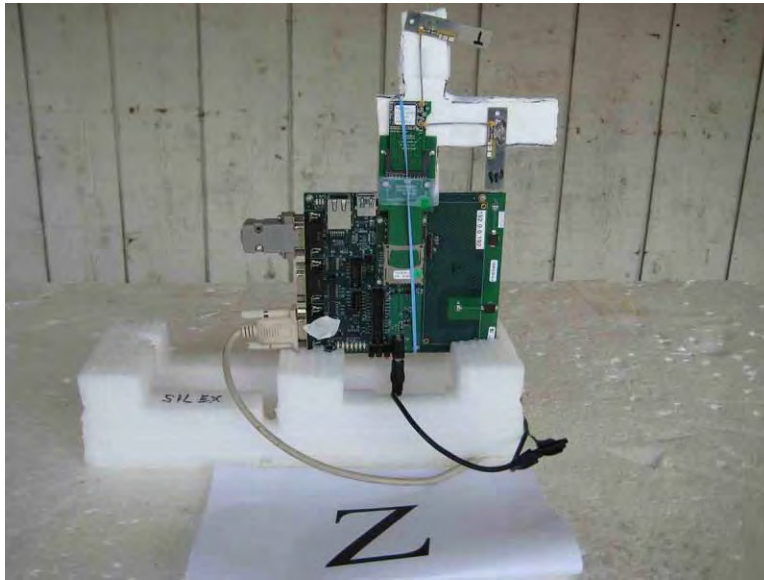
FCC Part 15 Subpart C

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)
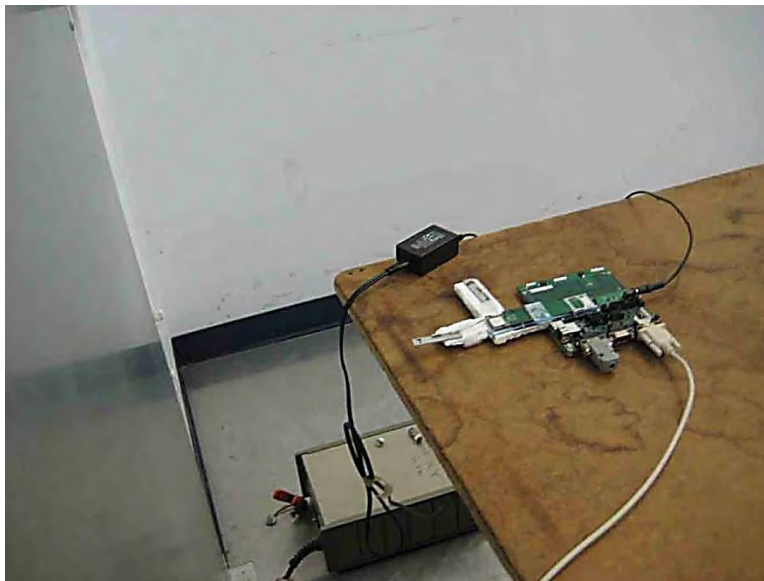
15.407(g) Frequency Stability

*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.