# 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:** 

**REPORT PREPARED BY:** 

Silex Technology America, Inc. 201 E. Sandpointe Ave. Santa Ana, CA 92707 Eddie Wong / Dianne Dudley CKC Laboratories, Inc. 5046 Sierra Pines Drive Mariposa, CA 95338

Representative: Ron Tozaki

Customer Reference Number: 6072-00

Project Number: 97700

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

February 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.

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# **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

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### **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
Madulation Type(s)	OFDM/32-QAM
Modulation Type(s):	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
Filliwate / Software used for Test:	Firmware power setting 16,16,16, 15,15,16

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# **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	Silex Technology America,	SX-SDCAG	E1
Card Radio*	Inc.		

#### Support Devices:

Manufacturer	Model #	S/N
Silex Technology America,	SX-560-6900	NA
Inc.		
Condor	HK-CH13-A05	NA
3-Com	WL-526	NA
Sony	PCG-982L	8323330
Silex Technology America,	SX-560	SL004545
Inc.		
	Silex Technology America, Inc. Condor 3-Com Sony Silex Technology America,	Silex Technology America, SX-560-6900 Inc.  Condor HK-CH13-A05 3-Com WL-526  Sony PCG-982L Silex Technology America, SX-560

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# 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-	9/14/2009	9/14/2011	
		ASTIOIAD IIIC.	2909K-36TC			
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					
<b>Temperature* (°C)</b> +15 to +35 <b>Relative Humidity* (%):</b> 20 − 75%					
Temperature** (ºC)	20	Relative Humidity** (%):	58%		

<sup>\*</sup> Original data from 90303-10A, March 19, 2010.

<sup>\*\*</sup> Permission Change II, new data, December 23, 2015.

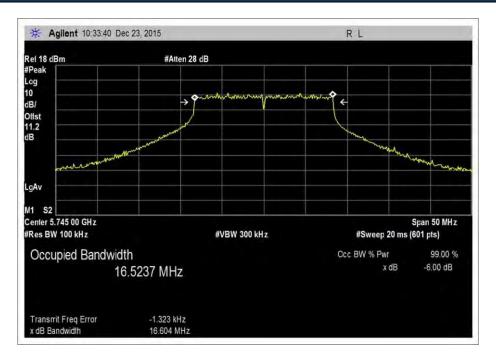
	Test Data Summary					
Frequency Antenna Modulation Measured Limit Results					Results	
5745**	1	802.11a/OFDM	16604	≥500	Pass	
5765**	1	802.11a/OFDM	16585	≥500	Pass	
5805**	1	802.11a/OFDM	16588	≥500	Pass	

<sup>\*\*</sup> Permission Change II, new data, December 23, 2015

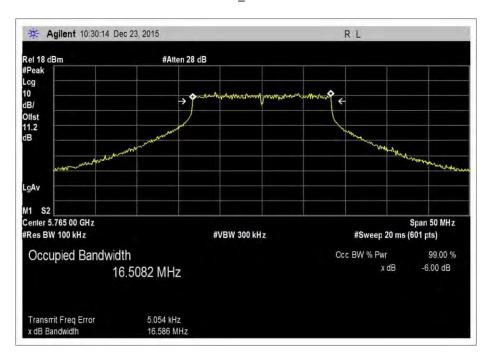
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#### **Plots**

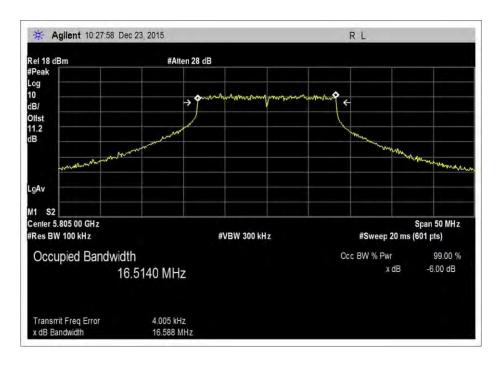


6dB BW\_5745MHz



6dB BW\_5765MHz





6dB BW\_5805MHz

# **Test Setup Photo(s)**





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

Test Setup/Conditions							
Test Location:	Brea D	Test Engineer:	E. Wong				
Test Method:	KDB789033 D02 General UNII	Test Date(s):	12/23/2015				
	Test Procedure New Rules V01,						
	June 6, 2014						
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-	9/14/2009	9/14/2011		
		ASTROIAD IIIC.	2909K-36TC				
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						
<b>Temperature* (°C)</b> +15 to +35 <b>Relative Humidity* (%):</b> 20 − 75%						
Temperature** (°C) 20 Relative Humidity** (%): 58%						

<sup>\*</sup> Original data from 90303-10A, March 19, 2010.

<sup>\*\*</sup> 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

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#### **Original Test Result**

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

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

#### **Permissive Change Test Result/Power Verification**

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

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

#### **Parameter Definitions:**

### Measurements performed at input voltage Vnominal ± 15%.

Parameter	Value
V <sub>Nominal</sub> :	5V
V <sub>Minimum</sub> :	4.25
V <sub>Maximum</sub> :	5.75

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<sup>\*</sup> Original data from 90303-10A, March 19, 2010.

<sup>\*\*</sup> Permission Change II, new data, December 23, 2015.



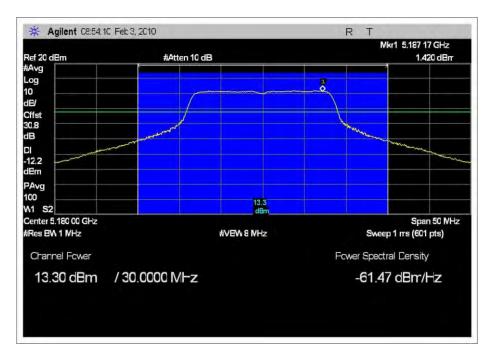
#### **Test Data Summary - RF Conducted Measurement** Measurement Option: AVGSA-1 Measured Limit Frequency Ant. Type / (dBm) (dBm) Modulation Results Gain (dBi) (MHz) Cond/eirp Cond/eirp 5180\* 802.11a/OFDM 4.2dBi 13.3/17.5 ≤30/36 Pass 5200\* 802.11a/OFDM 4.2dBi ≤30/36 13.2/17.4 Pass 5240\* 802.11a/OFDM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

<sup>\*</sup> Original data from CKC Labs test report 90303-10A, March 19, 2010.

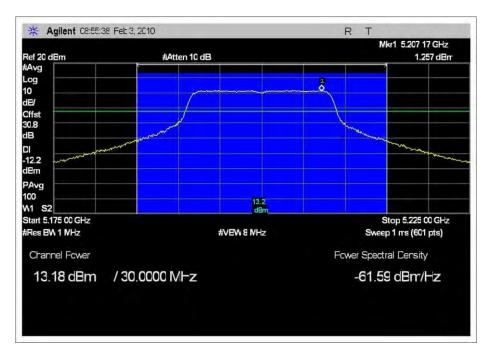


### **Test Plots**

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

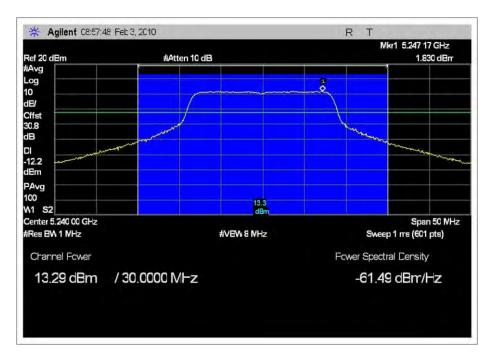


802.11a\_5180MHz\_pwr16\_13.2dBm\_orig



802.11a\_5200MHz\_pwr16\_13.2dBm\_orig

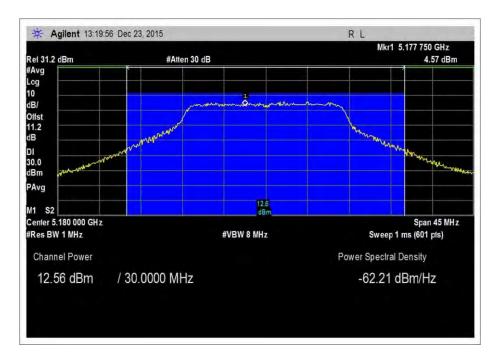




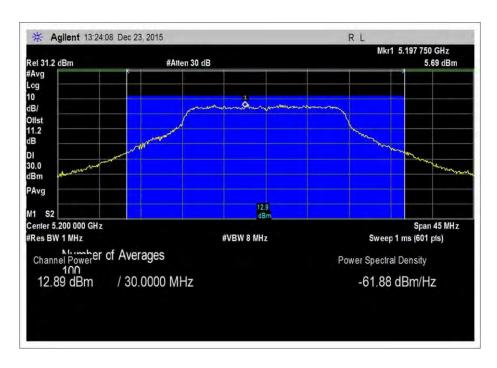
 $802.11a\_5240MHz\_pwr16\_13.3dBm\_orig$ 



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

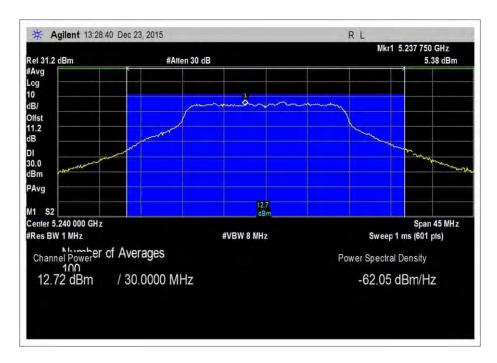


RF output power\_5180MHz\_band1\_122315\_PCII



RF output power\_5200MHz\_band1\_122315\_PCII

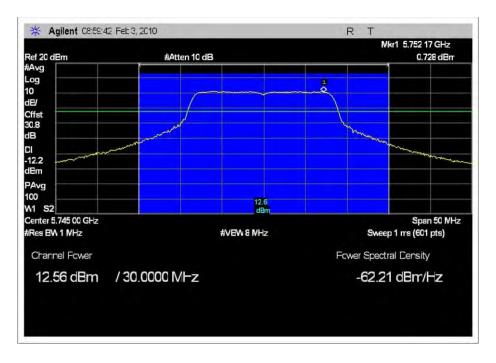




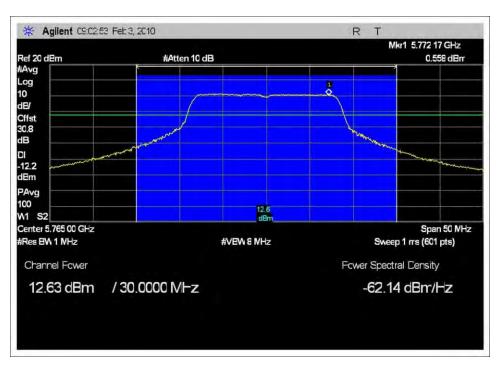
RF output power\_5240MHz\_band1\_122315\_PCII



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

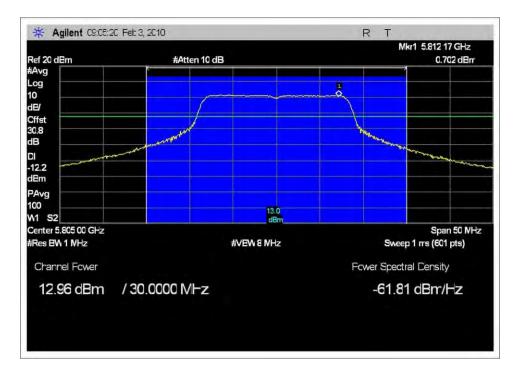


802.11a\_5745MHz\_pwr15\_12.6dBm\_orig



802.11a\_5765MHz\_pwr15\_12.6dBm\_orig

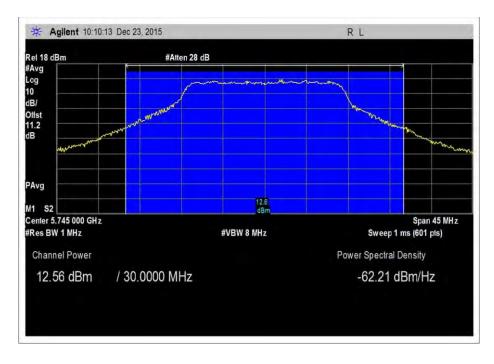




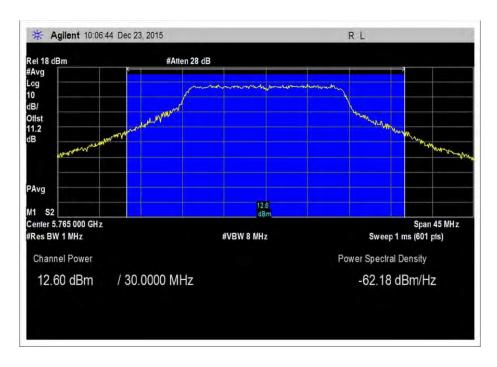
 $802.11a\_5805MHz\_pwr16\_13.0dBm\_orig$ 



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

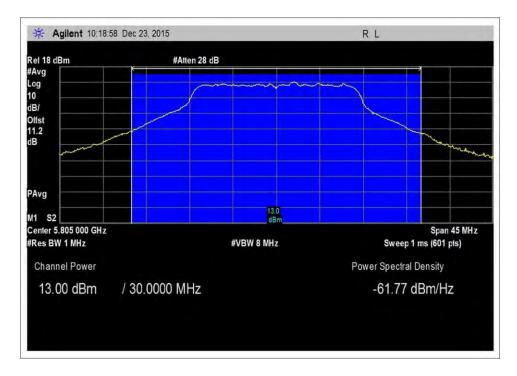


RF output power\_5745MHz\_12231\_PCII



RF output power\_5765MHz\_12231\_PCII





RF output power\_5805MHz\_122315\_PCII



# Test Setup Photo(s)



Original Testing, 2/3/2010



Original Testing, 2/3/2010





Test Date: 12/23/2015



# 15.407(a) Power Spectral Density

Test Setup/Conditions							
Test Location:	Brea D	Test Engineer:	E. Wong				
Test Method:	KDB789033 D02 General UNII	Test Date(s):	12/23/2015				
	Test Procedure New Rules V01,						
	June 6, 2014						
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#	De	scription		Manufacturer	Mode	1	Cal	Date	Cal Due
02672*	Spectr	um Analyzer		Agilent	E4446	A	7/23/	/2008	7/23/2010
P02946*	3'-40	OGHz cable		Astrolab Inc.	32022-	2-	9/14/	/2009	9/14/2011
				2909K-36TC					
1438*	Pow	ver Supply		Topward	63060	306D 10/14		/2009	10/14/2010
02672**	Spectr	um Analyzer		Agilent	E4446	46A 9/30/		/2015	9/30/2017
03430**	At	tenuator	Ae	roflex/Weinschel	75A-10-	12	11/2,	/2015	11/2/2017
P06544**		Cable	Astro Steel		32026-290	)94K-	11/2	/2015	11/2/2017
P00344		Cable		ASITO SIEEI	29094K-36TC		11/2/	2013	11/2/2017
Environmental Conditions									
Temperature	e* (ºC)	+15 to +35	+15 to +35 Relative Humidity* (%):			20 -	- 75%		
Temperature	** (ºC)	20		Relative Humidity** (%):		5	8%	1	

<sup>\*</sup> Original data from 90303-10A, March 19, 2010.

<sup>\*\*</sup> Permission Change II, new data, December 23, 2015.

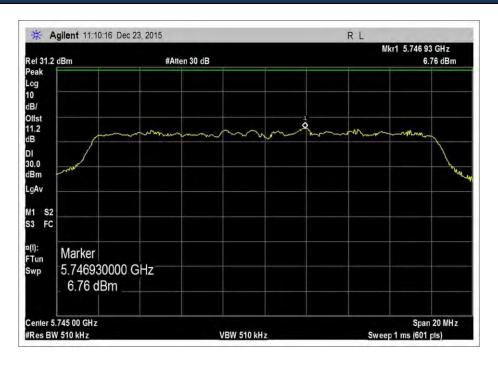
	Test Data Summary - RF Conducted Measurement					
Measurement M	1ethod: AVGPSD-1					
Frequency (MHz)	Modulation	Measured	Limit	Results		
5180*	802.11a/OFDM	1.56dBm/1MHz	≤17 dBm/1MHz	Pass		
5200*	802.11a/OFDM	1.52dBm/1MHz	≤17 dBm/1MHz	Pass		
5240*	802.11a/OFDM	1.27dBn/1MHz	≤17 dBm/1MHz	Pass		
5745**	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		

<sup>\*</sup> Original data from CKC Laboratories' report 90303-10A, March 19, 2010.

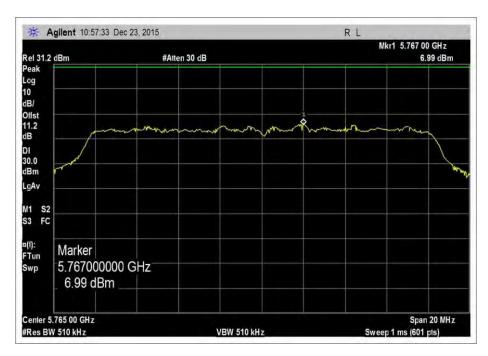
<sup>\*\*</sup> Permission Change II, new data, December 23, 2015.



#### **Plots**

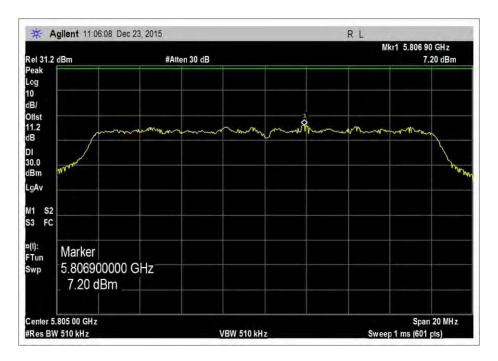


PSD plot1\_5745MHz\_B\_PCII



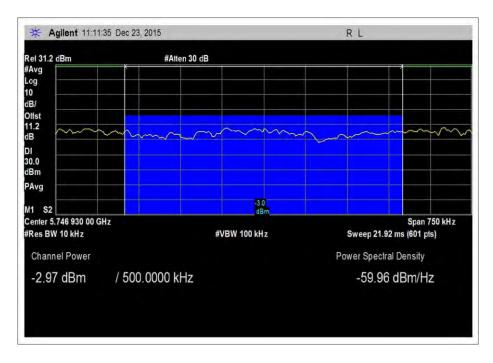
PSD plot1\_5765MHz\_PCII



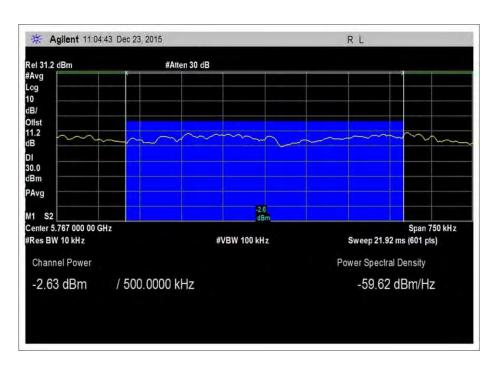


PSD plot1\_5805MHz\_PCII



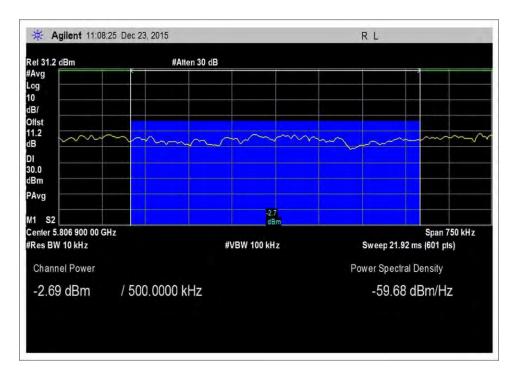


PSD plot2\_500kHz\_5745MHz\_B\_PCII



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.

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#### **Test Data**

#### 15.407\_Limit Line Calculation\_Ethertronics\_03/02/10

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

- (1) For transmitters operating in the **5.15-5.25 GHz** band: all emissions outside of the 5.15-5.35 GHz band shall not exceed an EIRP of -27 dBm/MHz.
- (4) For transmitters operating in the **5.725-5.825** GHz band: all emissions within the frequency range from the band edge to 10 MHz above or below the band edge shall not exceed an EIRP of -17 dBm/MHz; for frequencies 10 MHz or greater above or below the band edge, emissions shall not exceed an EIRP of -27 dBm/MHz.

Limit: EIRP -27dBm/MHz

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

d= 3 meter

Power density formula

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

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

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

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

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



#### 15.407\_Limit Line Calculation\_ Pulse

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

- (1) For transmitters operating in the **5.15-5.25 GHz** band: all emissions outside of the 5.15-5.35 GHz band shall not exceed an EIRP of -27 dBm/MHz.
- (4) For transmitters operating in the **5.725-5.825** GHz band: all emissions within the frequency range from the band edge to 10 MHz above or below the band edge shall not exceed an EIRP of -17 dBm/MHz; for frequencies 10 MHz or greater above or below the band edge, emissions shall not exceed an EIRP of -27 dBm/MHz.

Limit: EIRP -27dBm/MHz

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

d= 3 meter

Power density formula

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

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

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

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

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



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

Customer: Silex Technology, America, Inc.

Specification: **FCC 15.407** (b)(1),(b)(4)

 Work Order #:
 90303
 Date:
 2/2/2010

 Test Type:
 Radiated Scan
 Time:
 13:43:58

Equipment: Wireless 802.11a/b/g SD Card Radio Sequence#: 7

Manufacturer: Silex Technology America, Inc. Tested By: E. Wong

Model: SX-SDCAG

S/N: E1

#### Test Equipment:

E. ation	C/NI	Calibration Data	Cal Dua Data	A ~~~ 4 H
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	1012	11/12/2008	11/12/2010	02045
Antenna				

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

Equipment Chack Test (	- <b>2</b> ( <b>2</b> ) (		
Function	Manufacturer	Model #	S/N
Wireless 802.11a/b/g SD	Silex Technology America,	SX-SDCAG	E1
Card Radio*	Inc.		

#### Support Devices:

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

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#### 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), 13.2 dBm (0.0209W), 13.3 dBm (0.0214), 12.6 dBm (0.0182), 12.6 dBm (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.					argin.		Τe	est Distance	e: 1 Meter		
#	Freq	Rdng	T1	T2	T3	T4	Dist	Corr	Spec	Margin	Polar
	_	_	T5	T6	T7	T8			_		
			T9	T10	T11						
	MHz	$dB\mu V$	dB	dB	dB	dB	Table	$dB\mu V/m$	$dB\mu V/m \\$	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					

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^ 11611.500	51.9	+0.0	+0.0	+0.0	+0.0	+0.0	65.9	76.5 -10.6	6 Horiz
M		+0.0	+9.6	-35.9	+1.1			7 000 11 5005	-
		+38.8	+0.0	+0.4				Z_802.11a_5805M	l
2 11520 417	20.5	. 0. 0	. 0. 0	. 0. 0			52.5	Hz	X 7 .
3 11529.417	39.5	+0.0	+0.0	+0.0	+0.0	+0.0	53.5	76.5 -23.0	) Vert
M		+0.0	+9.6	-35.9	+1.1			V 002 11 . 57(5)	1
Ave		+38.8	+0.0	+0.4				Y_802.11a_5765N	1
4 11401 222	20.2	10.0	10.0	100	+0.0	+0.0	53.3	Hz 76.5 22.7	2 Horiz
4 11491.333 M	39.3	+0.0 +0.0	+0.0 +9.6	+0.0 -35.9	+0.0 +1.1	+0.0	33.3	76.5 -23.2	2 Horiz
Ave		+38.8	+9.6	-33.9 +0.4	⊤1.1			Z_802.11a_5745M	Г
Avc		130.0	10.0	10.4				Hz . power 16, 10	L
								dB pad	
^ 11491.333	52.8	+0.0	+0.0	+0.0	+0.0	+0.0	66.8	76.5 -9.7	Horiz
M	32.0	+0.0	+9.6	-35.9	+1.1	10.0	00.0	70.5	HOHZ
141		+38.8	+0.0	+0.4	. 1.1			Z_802.11a_5745M	Γ
		. 50.0	. 0.0	. 0. 1				Hz . power 16, 10	•
								dB pad	
6 11490.000	38.7	+0.0	+0.0	+0.0	+0.0	+0.0	52.7	76.5 -23.8	3 Vert
M		+0.0	+9.6	-35.9	+1.1				
Ave		+38.8	+0.0	+0.4				Y_802.11a_5745N	1
								Hz	
7 17236.333	40.4	+0.0	+0.0	+0.0	+0.0	-10.0	52.6	76.5 -23.9	) Horiz
M		+0.0	+12.5	-33.7	+1.5				
Ave		+41.6	+0.0	+0.3				Z_802.11a_5745M	]
								Hz, power=16, 10	
								dB pad, 1 meter	
^ 17236.333	53.5	+0.0	+0.0	+0.0	+0.0	-10.0	65.7	76.5 -10.8	B Horiz
M		+0.0	+12.5	-33.7	+1.5				
		+41.6	+0.0	+0.3				Z_802.11a_5745M	
								Hz, power=16, 10	
								dB pad, 1 meter	
9 11610.667	38.5	+0.0	+0.0	+0.0	+0.0	+0.0	52.5	76.5 -24.0	) Horiz
M		+0.0	+9.6	-35.9	+1.1			N. 5005) III	
Ave		+38.8	+0.0	+0.4	. 0. 0	10.0	25 t	X_5805MHz	
^ 11610.667	51.1	+0.0	+0.0	+0.0	+0.0	+0.0	65.1	76.5 -11.4	Horiz
M		+0.0	+9.6	-35.9	+1.1			V 5005MII-	
11 17225 000	40.2	+38.8	+0.0	+0.4	10.0	10.0	52.4	X_5805MHz	II.a.mi
11 17235.000 M	40.2	+0.0 +0.0	+0.0 +12.5	+0.0	+0.0 +1.5	-10.0	52.4	76.5 -24.1	Horiz
		+0.0 +41.6	+12.5 $+0.0$	-33.7 +0.3	±1.3			X 802.11a 5745M	1
Ave		141.0	±0.0	ru.3				A_802.11a_3743N Hz	1
12 11528.333	38.3	+0.0	+0.0	+0.0	+0.0	+0.0	52.3	76.5 -24.2	2 Horiz
M	20.2	+0.0	+9.6	-35.9	+1.1	10.0	34.3	70.5 -24.2	. 11011Z
Ave		+38.8	+0.0	+0.4	. 1,1			Z 802.11a 5765M	ſ
12.0		20.0	0.0	J. I				Hz	-
^ 11528.333	50.7	+0.0	+0.0	+0.0	+0.0	+0.0	64.7	76.5 -11.8	B Horiz
M	- 0.,	+0.0	+9.6	-35.9	+1.1			,	
		+38.8	+0.0	+0.4				Z_802.11a_5765M	[
								Hz	
L									



14 17289.000	39.7	+0.0	+0.0	+0.0		-10.0	52.2	76.5 -24.3	Horiz
M		+0.0	+12.5	-33.6	+1.5				
Ave		+41.8	+0.0	+0.3				X_802.11a_5765M	
								Hz	
^ 17289.000	54.1	+0.0	+0.0	+0.0	+0.0	-10.0	66.6	76.5 -9.9	Horiz
M		+0.0	+12.5	-33.6	+1.5				
		+41.8	+0.0	+0.3				X_802.11a_5765M	
								Hz	
16 11612.330	37.3	+0.0	+0.0	+0.0	+0.0	+0.0	51.3	76.5 -25.2	Vert
M		+0.0	+9.6	-35.9	+1.1				
Ave		+38.8	+0.0	+0.4				Y-	
								802.11a_5805MHz	
^ 11612.330	49.4	+0.0	+0.0	+0.0	+0.0	+0.0	63.4	76.5 -13.1	Vert
M		+0.0	+9.6	-35.9	+1.1				
		+38.8	+0.0	+0.4				Y-	
								802.11a_5805MHz	
18 11606.017	37.3	+0.0	+0.0	+0.0	+0.0	+0.0	51.3	76.5 -25.2	Vert
M		+0.0	+9.6	-35.9	+1.1				
Ave		+38.8	+0.0	+0.4				X_5805MHz	
^ 11606.000	48.5	+0.0	+0.0	+0.0	+0.0	+0.0	62.5	76.5 -14.0	Vert
M		+0.0	+9.6	-35.9	+1.1				
		+38.8	+0.0	+0.4				X_5805MHz	
20 17411.333	37.9	+0.0	+0.0	+0.0	+0.0	-10.0	51.1	76.5 -25.4	Horiz
M		+0.0	+12.5	-33.6	+1.5				
Ave		+42.4	+0.0	+0.4				X_5805MHz	
^ 17411.333	53.4	+0.0	+0.0	+0.0	+0.0	-10.0	66.6	76.5 -9.9	Horiz
M		+0.0	+12.5	-33.6	+1.5				
		+42.4	+0.0	+0.4				X_5805MHz	
22 11490.000	37.0	+0.0	+0.0	+0.0	+0.0	+0.0	51.0	76.5 -25.5	Horiz
M		+0.0	+9.6	-35.9	+1.1				
Ave		+38.8	+0.0	+0.4				X_802.11a_5745M	
								Hz	
23 17283.333	38.3	+0.0	+0.0	+0.0	+0.0	-10.0	50.8	76.5 -25.7	Horiz
M		+0.0	+12.5	-33.6	+1.5				
Ave		+41.8	+0.0	+0.3				Z_802.11a_5765M	
								Hz	
^ 17283.333	52.6	+0.0	+0.0	+0.0	+0.0	-10.0	65.1	76.5 -11.4	Horiz
M			+12.5		+1.5			,	
		+41.8	+0.0	+0.3				Z 802.11a 5765M	
								Hz	
25 11525.933	36.7	+0.0	+0.0	+0.0	+0.0	+0.0	50.7	76.5 -25.8	Vert
M	20.7	+0.0	+9.6	-35.9	+1.1	0	- 0.7		. • • •
Ave		+38.8	+0.0	+0.4				X 802.11a 5765M	
		- 0.0	0.0	· · ·				Hz	
^ 11526.000	47.2	+0.0	+0.0	+0.0	+0.0	+0.0	61.2	76.5 -15.3	Vert
M	- · · · -	+0.0	+9.6	-35.9	+1.1		<b></b>	10.0	
1.2		+38.8	+0.0	+0.4				X_802.11a_5765M	
								Hz	
27 6906.567M	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	J.0	20.5	Z_802.11a_5180M	110112
11.0		+34.9	+0.0	+0.5	0.0			Hz	
L			0.0	. 0.0				***	



28	11526.000	36.4	+0.0	+0.0	+0.0	+0.0	+0.0	50.4	76.5 -26.1	Horiz
	M		+0.0	+9.6	-35.9	+1.1			V 902 110 5765N	ſ
	Ave		+38.8	+0.0	+0.4				X_802.11a_5765M Hz	L
٨	11526.000	49.6	+0.0	+0.0	+0.0	+0.0	+0.0	63.6	76.5 -12.9	Horiz
	M		+0.0	+9.6	-35.9	+1.1				
			+38.8	+0.0	+0.4				X_802.11a_5765M	[
									Hz	
30	11490.000	36.3	+0.0	+0.0	+0.0	+0.0	+0.0	50.3	76.5 -26.2	Vert
	M		+0.0	+9.6	-35.9	+1.1				
	Ave		+38.8	+0.0	+0.4				X_802.11a_5745M	
2.1	17.401.667	26.1				. 0. 0	10.0	40.2	Hz	TT '
31	17421.667	36.1	+0.0	+0.0	+0.0	+0.0	-10.0	49.3	76.5 -27.2	Horiz
	M		+0.0 +42.4	+12.5	-33.6	+1.5			7 900 11a 5905M	
	Ave		<b>∓4</b> ∠.4	+0.0	+0.4				Z_802.11a_5805M Hz	
^	17421.667	47.3	+0.0	+0.0	+0.0	+0.0	-10.0	60.5	76.5 -16.0	Horiz
	M	.,.5	+0.0	+12.5	-33.6	+1.5	10.0	00.0	, 5.5	110112
			+42.4	+0.0	+0.4				Z_802.11a_5805M	
									Hz	
33	15600.000	31.9	+0.0	+0.0	+0.0	+0.0	+0.0	49.0	76.5 -27.5	Horiz
	M		+0.0	+11.8	-34.6	+1.4				
	Ave		+38.0	+0.0	+0.5				Z_802.11a_5200M	
									Hz	
	6986.667M	42.3	+0.0	+0.0	+0.0	+0.0	+0.0	48.9	76.5 -27.6	
	Ave		+0.0	+6.7	-36.4	+0.8			Z_802.11a_5240M	
2.5	15600 000	21.7	+35.0	+0.0	+0.5		+0.0	40.0	Hz 76.5 27.7	TT .
33	15600.000 M	31.7	$+0.0 \\ +0.0$	+0.0 +11.8	+0.0 -34.6	+0.0 +1.4	+0.0	48.8	76.5 -27.7	Horiz
	Ave		+38.0	+0.0	+0.5	⊤1. <del>4</del>			Y_802.11a_5200M	Ī
	1110		130.0	10.0	10.5				Hz	L
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_5180M	
			+34.9	+0.0	+0.5				Hz	
^	6906.650M	46.3	+0.0	+0.0	+0.0	+0.0	+0.0	52.7	76.5 -23.8	
			+0.0	+6.7	-36.5	+0.8			Y_802.11a_5180M	[
			+34.9	+0.0	+0.5				Hz	
38	6906.500M	42.1	+0.0	+0.0	+0.0	+0.0	+0.0	48.5	76.5 -28.0	
			+0.0	+6.7	-36.5	+0.8			Z_802.11a_5180M	
20	15720 000	21.0	+34.9	+0.0	+0.5	100	10.0	40.2	Hz 76.5 29.2	TT! -
39	15720.000	31.0	+0.0	+0.0	+0.0	+0.0	+0.0	48.3	76.5 -28.2	Horiz
	M Ava		+0.0 +38.0	+11.8 +0.0	-34.4 +0.5	+1.4			7 202 110 524014	
	Ave		<b>⊤36.</b> 0	±0.0	+0.5				Z_802.11a_5240M Hz	
40	15600.000	31.2	+0.0	+0.0	+0.0	+0.0	+0.0	48.3	76.5 -28.2	Vert
. 0	M	2 <del>.</del>	+0.0	+11.8	-34.6	+1.4	0.0		. 5.5 20.2	. 510
	Ave		+38.0	+0.0	+0.5				Y_802.11a_5200M	[
									Hz	
41	10400.000	36.3	+0.0	+0.0	+0.0	+0.0	+0.0	48.2	76.5 -28.3	Horiz
	M		+0.0	+8.8	-36.2	+1.0				
	Ave		+38.0	+0.0	+0.3				Y_802.11a_5200M	[
									Hz	



42	6933.497M	41.8	+0.0	+0.0	+0.0	+0.0	+0.0	48.2	76.5 -28.3	Horiz
72	Ave	71.0	+0.0	+6.7	-36.5	+0.8	10.0	70.2	Z_802.11a_5200M	110112
	11,0		+34.9	+0.0	+0.5	0.0			Hz	
^	6933.497M	47.9	+0.0	+0.0	+0.0	+0.0	+0.0	54.3	76.5 -22.2	Horiz
			+0.0	+6.7	-36.5	+0.8			Z_802.11a_5200M	
			+34.9	+0.0	+0.5				Hz	
44	6933.050M	41.7	+0.0	+0.0	+0.0	+0.0	+0.0	48.1	76.5 -28.4	Vert
	Ave		+0.0	+6.7	-36.5	+0.8			Y_802.11a_5200M	
			+34.9	+0.0	+0.5				Hz	
^	6933.050M	48.0	+0.0	+0.0	+0.0	+0.0	+0.0	54.4	76.5 -22.1	Vert
			+0.0	+6.7	-36.5	+0.8			Y_802.11a_5200M	
			+34.9	+0.0	+0.5				Hz	
46	6986.533M	41.4	+0.0	+0.0	+0.0	+0.0	+0.0	48.0	76.5 -28.5	Vert
	Ave		+0.0	+6.7	-36.4	+0.8			Y_802.11a_5240M	
	(00 ( 500) (	46.5	+35.0	+0.0	+0.5	. 0. 0	. 0. 0	50.0	Hz	T.T
^	6986.533M	46.7	+0.0	+0.0	+0.0	+0.0	+0.0	53.3	76.5 -23.2	Vert
			+0.0 +35.0	+6.7 +0.0	-36.4 +0.5	+0.8			Y_802.11a_5240M	
40	15542 500	20.7				+0.0	+0.0	17.7	Hz 76.5 29.9	Hamim
48	15542.500 M	30.7	+0.0 +0.0	+0.0 +11.7	+0.0 -34.6	+0.0 +1.4	+0.0	47.7	76.5 -28.8	Horiz
	Ave		+38.0	+0.0	+0.5	11.4			Z 802.11a 5180M	
	Avc		130.0	10.0	10.5				Hz	
^	15542.500	44.5	+0.0	+0.0	+0.0	+0.0	+0.0	61.5	76.5 -15.0	Horiz
	M		+0.0	+11.7	-34.6	+1.4	0.0	01.0	70.0	110112
			+38.0	+0.0	+0.5				Z_802.11a_5180M	
									Hz	
50	11610.000	33.5	+0.0	+0.0	+0.0	+0.0	+0.0	47.5	76.5 -29.0	Vert
	M		+0.0	+9.6	-35.9	+1.1				
	Ave		+38.8	+0.0	+0.4				Z_802.11a_5805M	
									Hz	
^	11010.000	45.4	+0.0	+0.0	+0.0	+0.0	+0.0	59.4	76.5 -17.1	Vert
	M		+0.0	+9.6	-35.9	+1.1				
			+38.8	+0.0	+0.4				Z_802.11a_5805M	
	17225 017	24.0	100	100	100	10.0	100	47.1	Hz 20.4	<b>X</b> 7
52	17235.817	24.9	+0.0	+0.0	+0.0	+0.0	+0.0	47.1	76.5 -29.4	Vert
	M		+0.0	+12.5	-33.7 +0.3	+1.5			7 902 11a 5745M	
	Ave		+41.6	+0.0	+0.3				Z_802.11a_5745M Hz	
^	17235.817	37.3	+0.0	+0.0	+0.0	+0.0	+0.0	59.5	76.5 -17.0	Vert
	M	31.3	+0.0	+12.5	-33.7	+1.5	10.0	37.3	70.5 -17.0	v CI t
	141		+41.6	+0.0	+0.3	1.5			Z 802.11a 5745M	
			.1.0	0.0	3.5				Hz	
54	17235.000	34.9	+0.0	+0.0	+0.0	+0.0	-10.0	47.1	76.5 -29.4	Vert
	M		+0.0	+12.5	-33.7	+1.5				
	Ave		+41.6	+0.0	+0.3				X_802.11a_5745M	
									Hz	
^	1/233.000	46.6	+0.0	+0.0	+0.0	+0.0	-10.0	58.8	76.5 -17.7	Vert
	M		+0.0	+12.5	-33.7	+1.5				
			+41.6	+0.0	+0.3				X_802.11a_5745M	
									Hz	



56	11490.000	32.8	+0.0	+0.0	+0.0	+0.0	+0.0	46.8	76.5 -29.7	Vert
	M		+0.0	+9.6	-35.9	+1.1			7 000 11 574534	
	Ave		+38.8	+0.0	+0.4				Z_802.11a_5745M	
^	11490.000	51.5	+0.0	+0.0	+0.0	+0.0	+0.0	65.5	Hz 76.5 -11.0	Vert
	M	31.3	+0.0 +0.0	+9.6	±0.0 -35.9	+1.1	+0.0	03.3	/0.3 -11.0	Vert
	1V1		+38.8	+0.0	+0.4	' 1.1			Y_802.11a_5745M	
			30.0	. 0.0					Hz	
^	11490.000	48.5	+0.0	+0.0	+0.0	+0.0	+0.0	62.5	76.5 -14.0	Vert
	M		+0.0	+9.6	-35.9	+1.1				
			+38.8	+0.0	+0.4				X_802.11a_5745M	
									Hz	
^	11490.000	44.2	+0.0	+0.0	+0.0	+0.0	+0.0	58.2	76.5 -18.3	Vert
	M		+0.0	+9.6	-35.9	+1.1			7 000 11 5745)	
			+38.8	+0.0	+0.4				Z_802.11a_5745M	
60	10400.000	34.8	+0.0	+0.0	+0.0	+0.0	+0.0	46.7	Hz 76.5 -29.8	Horiz
60	10400.000 M	34.8	+0.0 +0.0	+8.8	+0.0 -36.2	+0.0	±0.0	40./	10.3 -29.8	понг
	Ave		+38.0	+0.0	+0.3	1.0			Z_802.11a_5200M	
	7110		130.0	10.0	10.5				Hz	
61	17289.000	34.1	+0.0	+0.0	+0.0	+0.0	-10.0	46.6	76.5 -29.9	Vert
	M		+0.0	+12.5	-33.6	+1.5				
	Ave		+41.8	+0.0	+0.3				X_802.11a_5765M	
									Hz	
^	17289.000	45.4	+0.0	+0.0	+0.0	+0.0	-10.0	57.9	76.5 -18.6	Vert
	M		+0.0	+12.5	-33.6	+1.5				
			+41.8	+0.0	+0.3				X_802.11a_5765M	
(2	17202 217	240	+0.0	١٠٠٠			10.0	16.6	Hz 20.0	3.7
63	17292.217 M	34.0	+0.0	+0.0 +12.5	+0.0	+0.0	-10.0	46.6	76.5 -29.9	Vert
	Ave		+0.0 +41.9	+12.3 $+0.0$	-33.6 +0.3	+1.5			Y_802.11a_5765M	
	AVC		141.9	10.0	10.5				Hz	
^	17292.217	45.5	+0.0	+0.0	+0.0	+0.0	-10.0	58.1	76.5 -18.4	Vert
	M		+0.0	+12.5	-33.6	+1.5	10.0	00.1	70.0	, 520
			+41.9	+0.0	+0.3				Y 802.11a 5765M	
									Hz	
65	11529.333	32.6	+0.0	+0.0	+0.0	+0.0	+0.0	46.6	76.5 -29.9	Vert
	M		+0.0	+9.6	-35.9	+1.1				
	Ave		+38.8	+0.0	+0.4				Z_802.11a_5765M	
	11500 /15	50.1	. 0. 0		. 0. 0		100		Hz 76.5 10.1	<b>T7</b> ·
^	11529.417	52.4	+0.0	+0.0	+0.0	+0.0	+0.0	66.4	76.5 -10.1	Vert
	M		+0.0	+9.6 +0.0	-35.9 +0.4	+1.1			V 902 112 5765M	
			+38.8	+0.0	+0.4				Y_802.11a_5765M Hz	
^	11529.333	44.5	+0.0	+0.0	+0.0	+0.0	+0.0	58.5	76.5 -18.0	Vert
	M	17.5	+0.0	+9.6	-35.9	+1.1	. 0.0	20.2	70.5	, 011
	2.2		+38.8	+0.0	+0.4	1.1			Z_802.11a_5765M	
					- 7 -				Hz	
68	17230.500	34.3	+0.0	+0.0	+0.0	+0.0	-10.0	46.5	76.5 -30.0	Vert
	M		+0.0	+12.5	-33.7	+1.5				
	Ave		+41.6	+0.0	+0.3				Y_802.11a_5745M	
									Hz	



^	17000 500	16.0		+0.0	١, ٥, ٥		10.0	<b>50.4</b>	76.5 10	1 17 4
^	17230.500	46.2	+0.0	+0.0	+0.0	+0.0	-10.0	58.4	76.5 -18	.1 Vert
	M		+0.0	+12.5	-33.7	+1.5			V 000 11 - 5745	M
			+41.6	+0.0	+0.3				Y_802.11a_5745	M
70	17415 000	22.0	+0.0	+0.0	100	+0.0	+0.0	46.2	Hz 76.5 20	12 Mant
/0	17415.000	23.0	+0.0	+0.0	+0.0	+0.0	+0.0	46.2	76.5 -30	.3 Vert
	M		+0.0 +42.4	+12.5 +0.0	-33.6 +0.4	+1.5			7 902 110 5905	M
	Ave		<b>⊤4∠.4</b>	+0.0	±0.4				Z_802.11a_5805 Hz	I <b>VI</b>
^	17415 000	33.7	+0.0	+0.0	+0.0	+0.0	+0.0	56.9	76.5 -19	.6 Vert
	17415.000 M	33.1	+0.0 +0.0	+12.5	-33.6	+0.0 +1.5	+0.0	30.9	/0.3 -19	o veit
	IVI		+42.4	+12.3 $+0.0$	-33.6 +0.4	+1.3			Z_802.11a_5805	М
			142.4	10.0	10.4				Hz	1 <b>V1</b>
72	15540.000	28.9	+0.0	+0.0	+0.0	+0.0	+0.0	45.9	76.5 -30	.6 Vert
12	M	20.9	+0.0	+11.7	-34.6	+1.4	10.0	43.9	70.5 -50	.o vert
	Ave		+38.0	+0.0	+0.5	. 1.4			Y_802.11a_5180	M
	7110		130.0	10.0	10.5				Hz	141
73	11527.800	31.9	+0.0	+0.0	+0.0	+0.0	+0.0	45.9	76.5 -30	.6 Horiz
, ,	M	31.7	+0.0	+9.6	-35.9	+1.1	. 0.0	13.7	70.5	.0 110112
	Ave		+38.8	+0.0	+0.4				Y_802.11a_5765	M
	1110		20.0	. 0.0					Hz	111
^	11527.800	44.8	+0.0	+0.0	+0.0	+0.0	+0.0	58.8	76.5 -17	7.7 Horiz
	M		+0.0	+9.6	-35.9	+1.1	0.0	20.0	70.0	., 110112
			+38.8	+0.0	+0.4				Y_802.11a_5765	M
									Hz	
75	15720.000	28.3	+0.0	+0.0	+0.0	+0.0	+0.0	45.6	76.5 -30	.9 Horiz
	M		+0.0	+11.8	-34.4	+1.4				
	Ave		+38.0	+0.0	+0.5				Y_802.11a_5240	M
									Hz	
76	17292.800	33.0	+0.0	+0.0	+0.0	+0.0	-10.0	45.6	76.5 -30	.9 Horiz
	M		+0.0	+12.5	-33.6	+1.5				
	Ave		+41.9	+0.0	+0.3				Y_802.11a_5765	M
									Hz	
^	17292.800	45.9	+0.0	+0.0	+0.0	+0.0	-10.0	58.5	76.5 -18	.0 Horiz
	M		+0.0	+12.5	-33.6	+1.5				
			+41.9	+0.0	+0.3				Y_802.11a_5765	M
									Hz	
78	10480.000	33.6	+0.0	+0.0	+0.0	+0.0	+0.0	45.6	76.5 -30	.9 Horiz
	M		+0.0	+8.9	-36.2	+1.0				
	Ave		+38.0	+0.0	+0.3				Z_802.11a_5240	M
									Hz	
79	10359.833	33.6	+0.0	+0.0	+0.0	+0.0	+0.0	45.5	76.5 -31	.0 Horiz
	M		+0.0	+8.8	-36.2	+1.0				
	Ave		+38.0	+0.0	+0.3				Z_802.11a_5180	M
									Hz	
^	10359.833	48.0	+0.0	+0.0	+0.0	+0.0	+0.0	59.9	76.5 -16	6.6 Horiz
	M		+0.0	+8.8	-36.2	+1.0				
			+38.0	+0.0	+0.3				Z_802.11a_5180	M
1									Hz	



81	15600.000	28.1	+0.0	+0.0	+0.0	+0.0	+0.0	45.2	76.5 -31.3	Vert
	M		+0.0	+11.8	-34.6	+1.4			Tr 000 11 5000	,
	Ave		+38.0	+0.0	+0.5				X_802.11a_5200M	_
٨	15600.000	42.2	+0.0	+0.0	+0.0	+0.0	+0.0	59.3	Hz 76.5 -17.2	Vert
	M	42.2	+0.0	+11.8	-34.6	+1.4	10.0	39.3	70.3 -17.2	VEIL
	141		+38.0	+0.0	+0.5	, 1.4			Y_802.11a_5200M	[
									Hz	
^	15600.000	40.3	+0.0	+0.0	+0.0	+0.0	+0.0	57.4	76.5 -19.1	Vert
	M		+0.0	+11.8	-34.6	+1.4				
			+38.0	+0.0	+0.5				X_802.11a_5200M	
0.4	10400 000	22.2	+0.0	١٠٠٠		+0.0	+0.0	45.0	Hz 76.5 21.2	77. 4
84	10400.000 M	33.3	+0.0 +0.0	+0.0 +8.8	+0.0 -36.2	+0.0 +1.0	+0.0	45.2	76.5 -31.3	Vert
	Ave		+38.0	+8.8 +0.0	+0.3	+1.0			X_802.11a_5200M	ſ
	Avc		130.0	10.0	10.3				Hz	
85	10480.000	33.1	+0.0	+0.0	+0.0	+0.0	+0.0	45.1	76.5 -31.4	Horiz
	M		+0.0	+8.9	-36.2	+1.0				-
	Ave		+38.0	+0.0	+0.3				X_802.11a_5240M	[
									Hz	
86	10358.500	33.2	+0.0	+0.0	+0.0	+0.0	+0.0	45.1	76.5 -31.4	Horiz
	M		+0.0	+8.8	-36.2	+1.0			W 002 11 7100M	,
	Ave		+38.0	+0.0	+0.3				X_802.11a_5180M Hz	
^	10358.500	47.0	+0.0	+0.0	+0.0	+0.0	+0.0	58.9	76.5 -17.6	Horiz
	M	47.0	+0.0	+8.8	-36.2	+1.0	10.0	36.9	70.3 -17.0	110112
	111		+38.0	+0.0	+0.3	1.0			X_802.11a_5180M	[
									Hz	
88	11610.000	31.1	+0.0	+0.0	+0.0	+0.0	+0.0	45.1	76.5 -31.4	Horiz
	M		+0.0	+9.6	-35.9	+1.1				
	Ave		+38.8	+0.0	+0.4				Y-	
	11610 000	42.1	+0.0	١٠٠٠		+0.0	+0.0	57.1	802.11a_5805MHz	
^	11610.000 M	43.1	+0.0 +0.0	+0.0 +9.6	+0.0 -35.9	+0.0 +1.1	+0.0	57.1	76.5 -19.4	Horiz
	IVI		+38.8	+0.0	+0.4	⊤1.1			Y-	
			130.0	10.0	10.4				802.11a_5805MHz	:
90	10479.000	33.0	+0.0	+0.0	+0.0	+0.0	+0.0	45.0	76.5 -31.5	
	M		+0.0	+8.9	-36.2	+1.0				
	Ave		+38.0	+0.0	+0.3				Z_802.11a_5240M	
									Hz	
^	10175.000	46.8	+0.0	+0.0	+0.0	+0.0	+0.0	58.8	76.5 -17.7	Vert
	M		+0.0	+8.9	-36.2	+1.0			7 000 11 704034	
			+38.0	+0.0	+0.3				Z_802.11a_5240M Hz	
92	10358.000	33.1	+0.0	+0.0	+0.0	+0.0	+0.0	45.0	76.5 -31.5	Vert
92	M	33.1	+0.0	+8.8	-36.2	+1.0	10.0	₹3.0	10.5 -51.5	v CI t
	Ave		+38.0	+0.0	+0.3	1.0			X_802.11a_5180M	[
									Hz	
^	10358.000	47.4	+0.0	+0.0	+0.0	+0.0	+0.0	59.3	76.5 -17.2	Vert
	M		+0.0	+8.8	-36.2	+1.0				
			+38.0	+0.0	+0.3				X_802.11a_5180M	[
									Hz	



94 17415.000	31.8	+0.0	+0.0	+0.0	+0.0	-10.0	45.0	76.5 -31.5	Horiz
M		+0.0	+12.5	-33.6	+1.5				
Ave		+42.4	+0.0	+0.4				Y-	
								802.11a_5805MHz	
^ 17415.000	44.3	+0.0	+0.0	+0.0	+0.0	-10.0	57.5	76.5 -19.0	Horiz
M		+0.0	+12.5	-33.6	+1.5				
		+42.4	+0.0	+0.4				Y-	
								802.11a_5805MHz	
96 17411.333	31.7	+0.0	+0.0	+0.0	+0.0	-10.0	44.9	76.5 -31.6	Vert
M		+0.0	+12.5	-33.6	+1.5				
Ave		+42.4	+0.0	+0.4				X_5805MHz	
^ 17411.333	42.1	+0.0	+0.0	+0.0	+0.0	-10.0	55.3	76.5 -21.2	Vert
M		+0.0	+12.5	-33.6	+1.5				
		+42.4	+0.0	+0.4				X_5805MHz	
98 17416.167	31.6	+0.0	+0.0	+0.0	+0.0	-10.0	44.8	76.5 -31.7	Vert
M		+0.0	+12.5	-33.6	+1.5				
Ave		+42.4	+0.0	+0.4				Y-	
								802.11a 5805MHz	
^ 17416.167	41.1	+0.0	+0.0	+0.0	+0.0	-10.0	54.3	76.5 -22.2	Vert
M		+0.0	+12.5	-33.6	+1.5				
		+42.4	+0.0	+0.4				Y-	
								802.11a 5805MHz	
100 17301.000	21.9	+0.0	+0.0	+0.0	+0.0	+0.0	44.5	76.5 -32.0	Vert
M		+0.0	+12.5	-33.6	+1.5				
Ave		+41.9	+0.0	+0.3				Z_802.11a_5765M	
								Hz –	
^ 17301.000	32.8	+0.0	+0.0	+0.0	+0.0	+0.0	55.4	76.5 -21.1	Vert
M		+0.0	+12.5	-33.6	+1.5				
		+41.9	+0.0	+0.3				Z_802.11a_5765M	
								Hz	
102 10480.000	32.4	+0.0	+0.0	+0.0	+0.0	+0.0	44.4	76.5 -32.1	Horiz
M		+0.0	+8.9	-36.2	+1.0				
Ave		+38.0	+0.0	+0.3				Y 802.11a 5240M	
								Hz	
^ 10480.000	46.7	+0.0	+0.0	+0.0	+0.0	+0.0	58.7	76.5 -17.8	Horiz
M		+0.0	+8.9	-36.2	+1.0			,	
		+38.0	+0.0	+0.3				Z_802.11a_5240M	
								Hz	
^ 10480.000	45.9	+0.0	+0.0	+0.0	+0.0	+0.0	57.9	76.5 -18.6	Horiz
M		+0.0	+8.9	-36.2	+1.0				
		+38.0	+0.0	+0.3				X 802.11a 5240M	
								Hz	
^ 10480.000	44.8	+0.0	+0.0	+0.0	+0.0	+0.0	56.8	76.5 -19.7	Horiz
M		+0.0	+8.9	-36.2	+1.0	- • •		-2.,	
		+38.0	+0.0	+0.3				Y_802.11a_5240M	
								Hz	



0480.000	32.3	+0.0							
N /		+0.0	+0.0 +8.9	+0.0	+0.0	+0.0	44.3	76.5 -32.2	Vert
M				-36.2	+1.0			V 902 110 5240N	r
ve		+38.0	+0.0	+0.3					I
0480 000	12.1	±0.0	±0.0	±0.0	±0.0	±0.0	55.4		Vert
	43.4					+0.0	33.4	70.3 <b>-</b> 21.1	Vert
1 <b>V1</b>					11.0			X 802 11a 5240M	ſ
		130.0	10.0	10.5					ı
5720 000	26.8	+0.0	+0.0	+0.0	+0.0	+0.0	44 1		Vert
	20.0					0.0		70.0	, 620
ve								X 802.11a 5240N	1
								Hz	
5720.000	26.7	+0.0	+0.0	+0.0	+0.0	+0.0	44.0	76.5 -32.5	Horiz
M		+0.0	+11.8	-34.4	+1.4				
ve		+38.0	+0.0	+0.5				X_802.11a_5240N	ſ
								Hz	
5720.000	43.2	+0.0	+0.0	+0.0	+0.0	+0.0	60.5	76.5 -16.0	Horiz
M		+0.0	+11.8	-34.4	+1.4				
		+38.0	+0.0	+0.5					[
	40.4					+0.0	57.7	76.5 -18.8	Horiz
M					+1.4				
		+38.0	+0.0	+0.5					ſ
	39.5					+0.0	56.8	76.5 -19.7	Horiz
M					+1.4			Tr 000 11 50 101	-
		+38.0	+0.0	+0.5					l
5540.000	27.0						110		
	27.0					+0.0	44.0	/6.5 -32.3	Horiz
					+1.4			V 902 11a 5190N	r
ve		±38.0	+0.0	+0.3					I
5540,000	20.1	±0.0	±0.0	±0.0	±0.0	±0.0	56.1		Horiz
	39.1					+0.0	30.1	70.3 -20.4	нопи
1 <b>V1</b>					11.4			V 802 11a 5180M	ſ
		130.0	10.0	10.5					ı
5540 000	27.0	+0.0	+0.0	+0.0	+0.0	+0.0	44 0		Vert
	27.0					. 0.0	17.0	70.0 -32.0	7011
								Z 802.11a 5180M	[
		- 0.0	0.0	3.0				Hz	
5540.000	40.9	+0.0	+0.0	+0.0	+0.0	+0.0	57.9		Vert
		+0.0	+11.7						
		+38.0	+0.0	+0.5				Y 802.11a 5180M	1
								Hz	
5540.000	39.5	+0.0	+0.0	+0.0	+0.0	+0.0	56.5	76.5 -20.0	Vert
M		+0.0	+11.7	-34.6	+1.4				
		+38.0	+0.0	+0.5				Z_802.11a_5180M	[
								Hz	
	5720.000 M ve 5720.000 M 5720.000 M 5720.000 M 5540.000 M ve 5540.000 M	0480.000 43.4 M  5720.000 26.8 M  ve  5720.000 43.2 M  5720.000 40.4 M  5720.000 39.5 M  5540.000 39.1 M  ve  5540.000 40.9 M	0480.000	0480.000	0480.000	0480.000	0480.000	0480.000	Hz



118 11490.000	29.5	+0.0	+0.0	+0.0	+0.0	+0.0	43.5	76.5 -33.0	Horiz
M	29.3	+0.0 +0.0	+0.0 +9.6	-35.9	+0.0 +1.1	+0.0	43.3	70.3 -33.0	поп
Ave		+38.8	+0.0	+0.4	' 1.1			Y_802.11a_5745M	
1140		130.0	10.0	10.4				Hz	
^ 11490.000	48.5	+0.0	+0.0	+0.0	+0.0	+0.0	62.5	76.5 -14.0	Horiz
M		+0.0	+9.6	-35.9	+1.1				
		+38.8	+0.0	+0.4				X_802.11a_5745M	
								Hz	
^ 11490.000	40.3	+0.0	+0.0	+0.0	+0.0	+0.0	54.3	76.5 -22.2	Horiz
M		+0.0	+9.6	-35.9	+1.1				
		+38.8	+0.0	+0.4				Y_802.11a_5745M	
								Hz	
121 15538.583	26.5	+0.0	+0.0	+0.0	+0.0	+0.0	43.5	76.5 -33.0	Vert
M		+0.0	+11.7	-34.6	+1.4				
Ave		+38.0	+0.0	+0.5				X_802.11a_5180M	
1.5520.502	20.0	. 0. 0	. 0 0	. 0. 0	. 0. 0	. 0. 0	7.7.0	Hz	**
^ 15538.583	38.0	+0.0	+0.0	+0.0	+0.0	+0.0	55.0	76.5 -21.5	Vert
M		+0.0	+11.7	-34.6	+1.4			V 002 11 - 5100M	
		+38.0	+0.0	+0.5				X_802.11a_5180M	
122 10200 167	21.4	100	100	+0.0	ΙΟ Ο	+0.0	42.2	Hz 76.5 22.2	Vant
123 10399.167	31.4	+0.0 +0.0	+0.0 +8.8	+0.0	+0.0	+0.0	43.3	76.5 -33.2	Vert
M Ave		+38.0	+8.8 +0.0	-36.2 +0.3	+1.0			Z_802.11a_5200M	
Ave		136.0	10.0	10.3				Hz	
^ 10399.167	43.1	+0.0	+0.0	+0.0	+0.0	+0.0	55.0	76.5 -21.5	Vert
M	73.1	+0.0	+8.8	-36.2	+1.0	10.0	33.0	70.5 21.5	VOIT
1,2		+38.0	+0.0	+0.3	1.0			Z_802.11a_5200M	
								Hz	
125 15720.000	25.6	+0.0	+0.0	+0.0	+0.0	+0.0	42.9	76.5 -33.6	Vert
M		+0.0	+11.8	-34.4	+1.4				
Ave		+38.0	+0.0	+0.5				Y_802.11a_5240M	
								Hz	
^ 15720.000	38.8	+0.0	+0.0	+0.0	+0.0	+0.0	56.1	76.5 -20.4	Vert
M		+0.0	+11.8	-34.4	+1.4				
		+38.0	+0.0	+0.5				X_802.11a_5240M	
								Hz	
^ 15720.000	38.4	+0.0	+0.0	+0.0	+0.0	+0.0	55.7	76.5 -20.8	Vert
M		+0.0	+11.8	-34.4	+1.4			TT 000 11 10	
		+38.0	+0.0	+0.5				Y_802.11a_5240M	
120 (00( ((7) 4	26.2	100	100	100	100	10.0	42.0	Hz 76.5 22.7	<b>T</b> 74
128 6986.667M	36.2	+0.0	+0.0	+0.0	+0.0	+0.0	42.8	76.5 -33.7	Vert
Ave		+0.0	+6.7	-36.4	+0.8			Z_802.11a_5240M	
^ 6986 667M	42.0	+35.0	+0.0	+0.5	±0.0	+0.0	49.5	Hz 76.5 -27.0	Vert
^ 6986.667M	42.9	+0.0 +0.0	+0.0 +6.7	+0.0 -36.4	+0.0 +0.8	±0.0	49.3		vert
		+35.0	+0.0	-30.4 +0.5	±0.8			Z_802.11a_5240M Hz	
		<b>+33.0</b>	±0.0	+0.3				пz	



130 10360.000	30.9	+0.0	+0.0	+0.0	+0.0	+0.0	42.8	76.5 -33	3.7 Horiz
M		+0.0	+8.8	-36.2	+1.0				
Ave		+38.0	+0.0	+0.3				Y_802.11a_5180	)M
								Hz	
^ 10360.000	42.8	+0.0	+0.0	+0.0	+0.0	+0.0	54.7	76.5 -2	1.8 Horiz
M		+0.0	+8.8	-36.2	+1.0				
		+38.0	+0.0	+0.3				Y_802.11a_5180	)M
								Hz	
132 550.000M	47.3	+0.0	+18.4	+0.4	+4.3	+0.0	42.8	76.5 -33	3.7 Horiz
QP		-27.6	+0.0	+0.0	+0.0				
		+0.0	+0.0	+0.0					
133 15600.000	25.5	+0.0	+0.0	+0.0	+0.0	+0.0	42.6	76.5 -33	3.9 Horiz
M		+0.0	+11.8	-34.6	+1.4				
Ave		+38.0	+0.0	+0.5				X_802.11a_5200	)M
								Hz	
^ 15600.000	45.3	+0.0	+0.0	+0.0	+0.0	+0.0	62.4	76.5 -14	4.1 Horiz
M		+0.0	+11.8	-34.6	+1.4				
		+38.0	+0.0	+0.5				Z 802.11a 5200	)M
								Hz	
^ 15600.000	42.7	+0.0	+0.0	+0.0	+0.0	+0.0	59.8	76.5 -10	6.7 Horiz
M		+0.0	+11.8	-34.6	+1.4			, , , ,	
		+38.0	+0.0	+0.5				Y_802.11a_5200	)M
								Hz	
^ 15600.000	38.1	+0.0	+0.0	+0.0	+0.0	+0.0	55.2	76.5 -2	1.3 Horiz
M		+0.0	+11.8	-34.6	+1.4			, , , ,	
		+38.0	+0.0	+0.5				X_802.11a_5200	)M
								Hz	
137 15602.500	25.5	+0.0	+0.0	+0.0	+0.0	+0.0	42.6		3.9 Vert
M	20.0	+0.0	+11.8	-34.6	+1.4	. 0.0	.2.0	70.5	J.J V 010
Ave		+38.0	+0.0	+0.5				Z_802.11a_5200	)M
1110		750.0	. 0.0	. 0.5				Hz	,1,1
^ 15602.500	37.3	+0.0	+0.0	+0.0	+0.0	+0.0	54.4	76.5 -22	2.1 Vert
M	51.5	+0.0	+11.8	-34.6	+1.4	. 0.0	J 1. f	, 0.5	1 7011
141		+38.0	+0.0	+0.5	. 1. 1			Z 802.11a 5200	)M
		. 50.0	. 0.0	. 0.5				Hz	, 1 , <b>1</b>
139 10483.333	30.6	+0.0	+0.0	+0.0	+0.0	+0.0	42.6		3.9 Vert
M	50.0	+0.0	+8.9	-36.2	+1.0	10.0	72.0	70.5 -5.	J.J • • • • • • • • • • • • • • • • • •
Ave		+38.0	+0.0	+0.3	1.0			Y 802.11a 5240	)M
1110		. 50.0	. 0.0	. 0.5				Hz	J171
^ 10483.333	44.7	+0.0	+0.0	+0.0	+0.0	+0.0	56.7	76.5 -19	9.8 Vert
M	→+./	+0.0	+8.9	-36.2	+1.0	10.0	50.7	70.5 -13	7.0 VEIL
171		+38.0	+0.0	+0.3	1.0			Y_802.11a_5240	)M
		130.0	10.0	10.3				Hz	J1 <b>V1</b>
								11Z	



141	15719.000	25.2	+0.0	+0.0	+0.0	+0.0	+0.0	42.5	76.5 -34.0	) Vert
	M		+0.0	+11.8	-34.4	+1.4				_
	Ave		+38.0	+0.0	+0.5				Z_802.11a_5240M	[
	15710 000	26.2	. 0. 0		. 0. 0	. 0. 0		52.5	Hz	<b>T</b> 7 (
^	15719.000	36.2	+0.0	+0.0	+0.0	+0.0	+0.0	53.5	76.5 -23.0	) Vert
	M		+0.0 +38.0	$+11.8 \\ +0.0$	-34.4 +0.5	+1.4			7 802 11a 5240M	Г
			136.0	10.0	10.3				Z_802.11a_5240M Hz	L
143	550.000M	47.0	+0.0	+18.4	+0.4	+4.3	+0.0	42.5	76.5 -34.0	) Horiz
	QP		-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	7 Horiz
			-27.6	+0.0	+0.0	+0.0				
	5.10.0000	25.	+0.0	+0.0	+0.0		. 0 . 0	21.0		
^	549.998M	36.4	+0.0	+18.4	+0.4	+4.3	+0.0	31.9	76.5 -44.6	6 Horiz
			-27.6	+0.0	+0.0	+0.0				
1.47	(022 402)4	26.1	+0.0	+0.0	+0.0	100	10.0	12.5	76.5 -34.0	<b>V</b> 4
	6933.483M	36.1	+0.0	+0.0	+0.0	+0.0	+0.0	42.5		
	Ave		+0.0 +34.9	+6.7 +0.0	-36.5 +0.5	+0.8			Z_802.11a_5200M Hz	L
	6933.483M	44.1	+0.0	+0.0	+0.0	+0.0	+0.0	50.5	76.5 -26.0	) Vert
	0933.463IVI	77.1	+0.0	+6.7	-36.5	+0.8	10.0	30.3	Z_802.11a_5200M	
			+34.9	+0.0	+0.5	10.0			Hz	L
149	10360.000	30.5	+0.0	+0.0	+0.0	+0.0	+0.0	42.4	76.5 -34.1	Vert
	M	30.5	+0.0	+8.8	-36.2	+1.0	. 0.0	.2	70.5	, , , ,
	Ave		+38.0	+0.0	+0.3				Z_802.11a_5180M	[
									Hz	
150	15538.580	25.4	+0.0	+0.0	+0.0	+0.0	+0.0	42.4	76.5 -34.1	Horiz
	M		+0.0	+11.7	-34.6	+1.4				
	Ave		+38.0	+0.0	+0.5				X_802.11a_5180N	1
									Hz	
^	15538.580	37.1	+0.0	+0.0	+0.0	+0.0	+0.0	54.1	76.5 -22.4	Horiz
	M		+0.0	+11.7	-34.6	+1.4				_
			+38.0	+0.0	+0.5				X_802.11a_5180N	1
1.50	10400 000	20.4	100	10.0	100	100	100	42.2	Hz 76.5	<b>1 1</b> 1
152	10400.000	30.4	+0.0	+0.0	+0.0	+0.0	+0.0	42.3	76.5 -34.2	2 Vert
	M Ava		+0.0 +38.0	$+8.8 \\ +0.0$	-36.2 +0.3	+1.0			Y 802.11a 5200M	1
	Ave		130.0	10.0	10.3				Hz	1
^	10400.000	46.0	+0.0	+0.0	+0.0	+0.0	+0.0	57.9	76.5 -18.6	Vert
	M		+0.0	+8.8	-36.2	+1.0	. • •		10.0	
			+38.0	+0.0	+0.3				X_802.11a_5200N	1
									Hz	
^	10400.000	40.5	+0.0	+0.0	+0.0	+0.0	+0.0	52.4	76.5 -24.1	Vert
	M		+0.0	+8.8	-36.2	+1.0				
			+38.0	+0.0	+0.3				Y_802.11a_5200N	1
									Hz	
		·	·		· · · · · · · · · · · · · · · · · · ·					



155 17235.000	30.1	+0.0	+0.0	+0.0	+0.0	-10.0	42.3	76.5 -34.2	Horiz
M		+0.0	+12.5	-33.7	+1.5				
Ave		+41.6	+0.0	+0.3				Y_802.11a_5745M	
								Hz	
^ 17235.000	57.0	+0.0	+0.0	+0.0	+0.0	-10.0	69.2	76.5 -7.3	Horiz
M		+0.0	+12.5	-33.7	+1.5				
		+41.6	+0.0	+0.3				X_802.11a_5745M	
								Hz	
^ 17235.000	44.8	+0.0	+0.0	+0.0	+0.0	-10.0	57.0	76.5 -19.5	Horiz
M		+0.0	+12.5	-33.7	+1.5				
		+41.6	+0.0	+0.3				Y_802.11a_5745M	
								Hz	
158 10360.000	30.3	+0.0	+0.0	+0.0	+0.0	+0.0	42.2	76.5 -34.3	Vert
M		+0.0	+8.8	-36.2	+1.0				
Ave		+38.0	+0.0	+0.3				Y_802.11a_5180M	
								Hz	
^ 10360.000	43.3	+0.0	+0.0	+0.0	+0.0	+0.0	55.2	76.5 -21.3	Vert
M		+0.0	+8.8	-36.2	+1.0				
		+38.0	+0.0	+0.3				Z_802.11a_5180M	
								Hz	
^ 10360.000	43.3	+0.0	+0.0	+0.0	+0.0	+0.0	55.2	76.5 -21.3	Vert
M		+0.0	+8.8	-36.2	+1.0				
		+38.0	+0.0	+0.3				Y_802.11a_5180M	
								Hz	
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_5200M	
		+34.9	+0.0	+0.5				Hz	
^ 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_5200M	
		+34.9	+0.0	+0.5				Hz	
164 10400.000	28.9	+0.0	+0.0	+0.0	+0.0	+0.0	40.8	76.5 -35.7	Horiz
M		+0.0	+8.8	-36.2	+1.0				
Ave		+38.0	+0.0	+0.3				X_802.11a_5200M	
								Hz	
^ 10400.000	48.7	+0.0	+0.0	+0.0	+0.0	+0.0	60.6	76.5 -15.9	Horiz
M		+0.0	+8.8	-36.2	+1.0				
		+38.0	+0.0	+0.3				Z_802.11a_5200M	
								Hz	
^ 10400.000	46.5	+0.0	+0.0	+0.0	+0.0	+0.0	58.4	76.5 -18.1	Horiz
M		+0.0	+8.8	-36.2	+1.0				
		+38.0	+0.0	+0.3				Y_802.11a_5200M	
								Hz	
^ 10400.000	42.6	+0.0	+0.0	+0.0	+0.0	+0.0	54.5	76.5 -22.0	Horiz
M		+0.0	+8.8	-36.2	+1.0				
		+38.0	+0.0	+0.3				X_802.11a_5200M	
								Hz	
	_								



168 6906.500M	34.0	+0.0	+0.0	+0.0	+0.0	+0.0	40.4	76.5	-36.1	Horiz
Ave	34.0	+0.0	+6.7	-36.5	+0.8	10.0	40.4	Y 802.11a		110112
1100		+34.9	+0.0	+0.5	10.0			Hz	3100IVI	
^ 6906.567M	47.6	+0.0	+0.0	+0.0	+0.0	+0.0	54.0	76.5	-22.5	Horiz
0700.30711	47.0	+0.0	+6.7	-36.5	+0.8	10.0	34.0	Z_802.11a_:		110112
		+34.9	+0.0	+0.5	.0.0			Hz	0100111	
^ 6906.500M	43.5	+0.0	+0.0	+0.0	+0.0	+0.0	49.9	76.5	-26.6	Horiz
0,00.001.1		+0.0	+6.7	-36.5	+0.8	0.0	.,.,	Y_802.11a_		110112
		+34.9	+0.0	+0.5				Hz		
171 6986.633M	33.8	+0.0	+0.0	+0.0	+0.0	+0.0	40.4	76.5	-36.1	Horiz
Ave		+0.0	+6.7	-36.4	+0.8			Y 802.11a		
		+35.0	+0.0	+0.5				Hz		
^ 6986.667M	47.0	+0.0	+0.0	+0.0	+0.0	+0.0	53.6	76.5	-22.9	Horiz
		+0.0	+6.7	-36.4	+0.8			Z_802.11a_3	5240M	
		+35.0	+0.0	+0.5				Hz		
^ 6986.633M	42.6	+0.0	+0.0	+0.0	+0.0	+0.0	49.2	76.5	-27.3	Horiz
		+0.0	+6.7	-36.4	+0.8			Y_802.11a_	5240M	
		+35.0	+0.0	+0.5				Hz		
174 258.970M	44.6	+19.5	+0.0	+0.3	+2.8	+0.0	39.5	76.5	-37.0	Horiz
		-27.7	+0.0	+0.0	+0.0					
		+0.0	+0.0	+0.0						
175 256.990M	44.7	+19.3	+0.0	+0.3	+2.8	+0.0	39.4	76.5	-37.1	Horiz
		-27.7	+0.0	+0.0	+0.0					
		+0.0	+0.0	+0.0						
176 22973.333	40.4	+0.0	+0.0	+0.0	+0.0	-10.0	39.4	76.5	-37.1	Vert
M		+0.0	+0.0	-32.4	+1.7					
Ave		+0.0	+39.7	+0.0		100				
^ 22973.333	54.0	+0.0	+0.0	+0.0	+0.0	-10.0	53.0	76.5	-23.5	Vert
M		+0.0	+0.0	-32.4	+1.7					
170 257 01014	44.6	+0.0	+39.7	+0.0	120		20.2	76.5	27.2	<b>3</b> .7
178 257.010M	44.6	+19.3 -27.7	$+0.0 \\ +0.0$	+0.3 +0.0	+2.8 +0.0	+0.0	39.3	76.5	-37.2	Vert
		+0.0	+0.0	+0.0 +0.0	+0.0					
179 259.030M	44.2	+19.5	+0.0	+0.0	+2.8	+0.0	39.1	76.5	-37.4	Vert
1/9 439.U3UIVI	44.2	+19.5 -27.7	+0.0 +0.0	+0.3 $+0.0$	+2.8 $+0.0$	±0.0	39.1	70.3	-3/.4	veit
		+0.0	+0.0	+0.0	10.0					
180 550.000M	43.4	+0.0	+18.4	+0.4	+4.3	+0.0	38.9	76.5	-37.6	Vert
QP	⊣ <i>J.</i> T	-27.6	+0.0	+0.0	+0.0	. 0.0	50.7	70.5	-57.0	V 011
Α,		+0.0	+0.0	+0.0	. 0.0					
^ 550.000M	45.2	+0.0	+18.4	+0.4	+4.3	+0.0	40.7	76.5	-35.8	Vert
220.000171	10.2	-27.6	+0.0	+0.0	+0.0		10.7	, 5.5	33.0	, 511
		+0.0	+0.0	+0.0	0.0					
^ 550.000M	42.0	+0.0	+18.4	+0.4	+4.3	+0.0	37.5	76.5	-39.0	Vert
230.0001/1		-27.6	+0.0	+0.0	+0.0		- /	. 3.0		
		+0.0	+0.0	+0.0						
^ 550.000M	41.2	+0.0	+18.4	+0.4	+4.3	+0.0	36.7	76.5	-39.8	Vert
		-27.6	+0.0	+0.0	+0.0					
		+0.0	+0.0	+0.0						
<u> </u>										



184 800.000M	37.7	+0.0	+22.5	+0.4	+5.3	+0.0	38.7	76.5	-37.8	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	76.5	-34.6	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	76.5	-35.6	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	76.5	-37.9	Vert
		-27.2	+0.0	+0.0	+0.0					
		+0.0	+0.0	+0.0						
188 375.001M	45.2	+0.0	+17.3	+0.4	+3.5	+0.0	38.6	76.5	-37.9	Vert
		-27.8	+0.0	+0.0	+0.0					
		+0.0	+0.0	+0.0						
189 464.949M	45.0	+0.0	+16.8	+0.3	+3.9	+0.0	38.2	76.5	-38.3	Vert
		-27.8	+0.0	+0.0	+0.0					
		+0.0	+0.0	+0.0						
190 251.020M	44.0	+18.6	+0.0	+0.3	+2.8	+0.0	38.0	76.5	-38.5	Horiz
-, -, -, -, -, -, -, -, -, -, -, -, -, -		-27.7	+0.0	+0.0	+0.0					
		+0.0	+0.0	+0.0						
191 251.010M	43.9	+18.6	+0.0	+0.3	+2.8	+0.0	37.9	76.5	-38.6	Vert
		-27.7	+0.0	+0.0	+0.0					
		+0.0	+0.0	+0.0						
192 849.960M	35.4	+0.0	+23.2	+0.7	+5.5	+0.0	37.8	76.5	-38.7	Horiz
-,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,		-27.0	+0.0	+0.0	+0.0					
		+0.0	+0.0	+0.0						
193 250.990M	43.6	+18.6	+0.0	+0.3	+2.8	+0.0	37.6	76.5	-38.9	Horiz
		-27.7	+0.0	+0.0	+0.0					
		+0.0	+0.0	+0.0						
194 800.010M	36.6	+0.0	+22.5	+0.4	+5.3	+0.0	37.6	76.5	-38.9	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	76.5	-32.2	Horiz
000.0001.1		-27.2	+0.0	+0.0	+0.0	0.0		, 0.0	52.2	110112
		+0.0	+0.0	+0.0						
^ 800.000M	41.6	+0.0	+22.5	+0.4	+5.3	+0.0	42.6	76.5	-33.9	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	76.5	-35.4	Horiz
		-27.2	+0.0	+0.0	+0.0					
		+0.0	+0.0	+0.0	0.0					
198 23226.667	38.6	+0.0	+0.0	+0.0	+0.0	-10.0	37.6	76.5	-38.9	Vert
M	20.0	+0.0	+0.0	-32.5	+1.7	10.0	57.0	70.5	20.7	, 010
Ave		+0.0	+39.8	+0.0	1.,					
^ 23226.667	51.1	+0.0	+0.0	+0.0	+0.0	-10.0	50.1	76.5	-26.4	Vert
M	J 1.1	+0.0	+0.0	-32.5	+1.7	10.0	20.1	10.5	20.7	, 011
111		+0.0	+39.8	+0.0	. 1./					
		. 0.0	- 27.0	. 0.0						



200 446	2.0021.6	44.1	. 0. 0	.166	. 0. 2	. 2. 0	. 0. 0	27.0	765	20.5	
200 449	9.983M	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					
201 000	2.00014	22.0			+0.0	157	+0.0	26.0	76.5	20.7	Mont
201 900	0.000M	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					
202 26	7.02014	40.0	+0.0	+0.0	+0.0	120	+0.0	26.6	7(5	20.0	TT'
202 267	7.020M	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					
203 230	62 222	27.5		+0.0	+0.0	ΙΛΛ	-10.0	36.5	76.5	40.0	Vert
	03.333 M	37.5	+0.0 +0.0	+0.0 +0.0	+0.0	+0.0	-10.0	30.3	70.3	-40.0	vert
	IVI		+0.0 +0.0	+39.7	-32.4	+1.7					
Ave	(2.222	40.2			+0.0	100	10.0	40.2	76.5	20.2	Vant
^ 230		49.3	+0.0	+0.0	+0.0		-10.0	48.3	76.5	-28.2	Vert
	M		+0.0	+0.0	-32.4	+1.7					
205 224	5.02014	12.4	+0.0	+39.7	+0.0	12.6	+0.0	26.2	76.5	40.2	<b>V</b> 4
205 225	5.020M	43.4	+17.9 -27.9	+0.0	+0.3	+2.6	+0.0	36.3	76.5	-40.2	Vert
				+0.0	+0.0	+0.0					
206 446	) (( <b>)</b> (()	42.2	+0.0	+0.0	+0.0	+3.8	+0.0	26.1	76.5	40.4	Mont
206 449	9.966M	43.2	+0.0 -27.8	+16.6	+0.3 +0.0		+0.0	36.1	70.5	-40.4	Vert
			+0.0	+0.0		+0.0					
207 200	) (( <b>)</b> (()	44.0		+0.0	+0.0	12.6	+0.0	25.0	76.5	40.6	Mont
207 399	9.900M	44.0	+0.0	+15.7	+0.4	+3.6	+0.0	35.9	76.5	-40.6	Vert
QP			-27.8	+0.0	+0.0	+0.0					
^ 390	206614	47.4	+0.0	+0.0	+0.0	12.6	100	20.2	76.5	27.2	<b>X</b> I4
^ 399	9.966M	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					
200 700	2.00014	24.2	+0.0	+0.0	+0.0	+4.9	+0.0	25.0	76.5	40.7	Mont
209 700	0.000M	34.2	+0.0 -27.3	+23.5 +0.0	+0.5 +0.0	+0.0	+0.0	35.8	76.5	-40.7	Vert
			+0.0	+0.0 +0.0	+0.0	+0.0					
210 225	5.000M	42.8	+17.9	+0.0	+0.3	+2.6	+0.0	35.7	76.5	-40.8	Horiz
210 22.	).000NI	42.0	-27.9	+0.0 +0.0	+0.3	+0.0	±0.0	33.1	70.3	-40.8	ПОПЕ
			+0.0	+0.0	+0.0	10.0					
211 500	0.000M	41.5	+0.0	+17.4	+0.4	+4.1	+0.0	35.6	76.5	-40.9	Vert
211 300	J.UUUIVI	41.3	-27.8	+0.0	+0.4	+0.0	±0.0	33.0	70.3	-40.9	Vert
			+0.0	+0.0 +0.0	+0.0	10.0					
212 349	9.994M	40.5	+0.0	+18.9	+0.3	+3.3	+0.0	35.2	76.5	-41.3	Horiz
212 343	7.77 <b>7</b> 1VI	40.5	-27.8	+0.0	+0.3	+0.0	10.0	33.4	10.5	<del>-4</del> 1.3	110112
			+0.0	+0.0	+0.0	.0.0					
213 209	73 333	36.7	+0.0	+0.0	+0.0	+0.0	-10.0	35.0	76.5	-41.5	Vert
	M	50.1	+0.0	+0.0	-32.9	+1.6	10.0	55.0	10.5	71.5	V 01 t
Ave	111		+0.0	+39.6	+0.0	1.0					
^ 209	73 333	54.4	+0.0	+0.0	+0.0	+0.0	-10.0	52.7	76.5	-23.8	Vert
	M	<i>5</i> 1.⊤	+0.0	+0.0	-32.9	+1.6	10.0	52.1	10.5	23.0	, 011
			+0.0	+39.6	+0.0	1.0					
215 124	4.510M	44.9	+15.9	+0.0	+0.2	+1.8	+0.0	34.9	76.5	-41.6	Horiz
219 12	1.510111	1 1.7	-27.9	+0.0	+0.2	+0.0	. 0.0	5 1.7	10.5	11.0	110112
			+0.0	+0.0	+0.0	. 0.0					
216 700	0.017M	33.2	+0.0	+23.5	+0.5	+4.9	+0.0	34.8	76.5	-41.7	Horiz
210 /00	V.VI/1 <b>VI</b>	55.2	-27.3	+0.0	+0.0	+0.0	. 0.0	J 1.0	10.5	11./	110112
			+0.0	+0.0	+0.0	. 0.0					
<u> </u>			. 0.0	. 0.0	. 0.0						



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 20800.000	35.0	+0.0	+0.0	+0.0	+0.0	-10.0	33.3	76.5	-43.2	Vert
M		+0.0	+0.0	-32.9	+1.6					
Ave		+0.0	+39.6	+0.0						
^ 20800.000	45.4	+0.0	+0.0	+0.0	+0.0	-10.0	43.7	76.5	-32.8	Vert
M		+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	0.0					
		0.0	0.0	5.0						



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					
225	10 1 07 5) 1	40.1	+0.0	+0.0	+0.0	. 2. 5	. 0. 0	20.5	56.5	44.0	
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					
- 10	10-01015	• • • •	+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		100				
241	20720.000	33.8	+0.0	+0.0	+0.0		-10.0	32.2	76.5	-44.3	Vert
	M		+0.0	+0.0	-32.8	+1.6					
	Ave	40.4	+0.0	+39.6	+0.0		100	1.5.5		• • • •	
^	20720.000	48.2	+0.0	+0.0	+0.0		-10.0	46.6	76.5	-29.9	Vert
	M		+0.0	+0.0	-32.8	+1.6					
2.12	250 0051 6	27.0	+0.0	+39.6	+0.0	.2.0	. 0. 0	21.0	76.5	11.6	<b>T</b> 7
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					
244	45.C.O.C.O.M	20.0	+0.0	+0.0	+0.0	12.0	100	21.0	76.5	11.6	<b>V</b> I4
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					
245	499.997M	27.2	+0.0	+0.0	+0.0	+ 4 1	100	21.4	76.5	45.1	TT'-
243	499.99/M	37.3	+0.0 -27.8	+17.4 +0.0	$+0.4 \\ +0.0$	+4.1 +0.0	+0.0	31.4	/0.5	-45.1	Horiz
						+0.0					
246	524.942M	36.6	+0.0	+0.0	+0.0	+4.2	+0.0	31.4	76.5	-45.1	Horiz
240	324.942IVI	30.0	+0.0 -27.7	+17.9 +0.0	+0.4 +0.0	+4.2 $+0.0$	±0.0	31.4	10.3	<del>-4</del> 3.1	HOHZ
			+0.0	+0.0 +0.0	$^{+0.0}$	10.0					
247	450.008M	38.3	+0.0	+16.6	+0.0	+3.8	+0.0	31.2	76.5	-45.3	Horiz
24/	430.008M	38.3	+0.0 -27.8	+16.6 $+0.0$	+0.3	+3.8 +0.0	±0.0	31.2	10.3	-43.3	HOHZ
			+0.0	+0.0	+0.0 +0.0	10.0					
248	464.433M	38.0	+0.0	+16.8	+0.3	+3.9	+0.0	31.2	76.5	-45.3	Horiz
240	TUT.TJJ[V]	30.0	+0.0 -27.8	+0.0	+0.3	+0.0	10.0	J1.∠	10.3	<del>-1</del> 3.3	110112
			+0.0	+0.0	+0.0	10.0					
249	126.130M	40.9	+16.2	+0.0	+0.0	+1.8	+0.0	31.2	76.5	-45.3	Horiz
249	140.130W	40.9	+10.2 -27.9	+0.0 +0.0	+0.2 $+0.0$	$^{+1.8}$	10.0	31.4	70.3	<del>-4</del> 3.3	110112
			+0.0	+0.0	+0.0	10.0					
250	426.200M	38.8	+0.0	+16.2	+0.3	+3.7	+0.0	31.2	76.5	-45.3	Vert
230	720.200W	30.0	+0.0 -27.8	+10.2 $+0.0$	+0.3	+0.0	10.0	J1.∠	10.5	<del>-1</del> 3.3	v CI t
			+0.0	+0.0	+0.0 +0.0	10.0					
			10.0	10.0	10.0						



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						

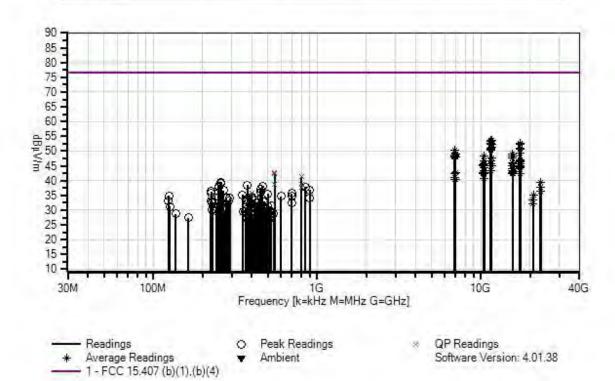


277	260	523.770M	34.3	ΙΛ.Λ	117.0	+0.4	+4.2	ΙΛΛ	20.1	76.5	17.1	Vont
$ \begin{array}{c ccccccccccccccccccccccccccccccccccc$	208	323.770IVI	34.3					+0.0	29.1	70.3	-4/.4	vert
269   480,130M   35.2   +0.0   +17.1   +0.4   +4.0   +0.0   28.9   76.5   -47.6   Vert							10.0					
$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	260	480 120M	35.2				±4.0	±0.0	28.0	76.5	17.6	Vort
+0,0	209	460.130W	33.2					10.0	20.9	70.5	-47.0	VEIL
270   542.030M   33.5   +0.0   +18.3   +0.4   +4.3   +0.0   28.9   76.5   -47.6   Vert   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0							10.0					
1.00	270	542 030M	33.5				+4.3	+0.0	28.0	76.5	-17.6	Vort
$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	270	342.030IVI	33.3					10.0	20.9	70.5	<del>-4</del> 7.0	VCIT
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   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +							10.0					
27.8	271	437 449M	36.1				+3.8	+0.0	28.8	76.5	-47 7	Vert
100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100	2/1	457.447IVI	30.1					10.0	20.0	70.5	77.7	VCIT
272   375.418M   35.4   +0.0   +17.2   +0.4   +3.5   +0.0   28.7   76.5   -47.8   Horiz   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +							. 0.0					
-27.8	272	375 418M	35.4				+3.5	+0.0	28.7	76.5	-47 <b>8</b>	Horiz
137.190M   36.8   +17.6   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0	212	373.410IVI	33.¬					10.0	20.7	70.5	47.0	110112
137.190M							. 0.0					
1.00	273	137 190M	36.8				+1 9	+0.0	28.7	76.5	-47 8	Horiz
+0.0	273	137.17011	30.0					. 0.0	20.7	70.5	17.0	110112
274							. 0.0					
$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	274	436 950M	36.0				+3.8	+0.0	28.7	76.5	-47 8	Horiz
10.0   10.0   10.0   10.0   10.0   10.0   10.0   10.0   10.0   10.0   10.0   10.0   10.0   10.0   10.0   10.0   10.0   10.0   10.0   10.0   10.0   10.0   10.0   10.0   10.0   10.0   10.0   10.0   10.0   10.0   10.0   10.0   10.0   10.0   10.0   10.0   10.0   10.0   10.0   10.0   10.0   10.0   10.0   10.0   10.0   10.0   10.0   10.0   10.0   10.0   10.0   10.0   10.0   10.0   10.0   10.0   10.0   10.0   10.0   10.0   10.0   10.0   10.0   10.0   10.0   10.0   10.0   10.0   10.0   10.0   10.0   10.0   10.0   10.0   10.0   10.0   10.0   10.0   10.0   10.0   10.0   10.0   10.0   10.0   10.0   10.0   10.0   10.0   10.0   10.0   10.0   10.0   10.0   10.0   10.0   10.0   10.0   10.0   10.0   10.0   10.0   10.0   10.0   10.0   10.0   10.0   10.0   10.0   10.0   10.0   10.0   10.0   10.0   10.0   10.0   10.0   10.0   10.0   10.0   10.0   10.0   10.0   10.0   10.0   10.0   10.0   10.0   10.0   10.0   10.0   10.0   10.0   10.0   10.0   10.0   10.0   10.0   10.0   10.0   10.0   10.0   10.0   10.0   10.0   10.0   10.0   10.0   10.0   10.0   10.0   10.0   10.0   10.0   10.0   10.0   10.0   10.0   10.0   10.0   10.0   10.0   10.0   10.0   10.0   10.0   10.0   10.0   10.0   10.0   10.0   10.0   10.0   10.0   10.0   10.0   10.0   10.0   10.0   10.0   10.0   10.0   10.0   10.0   10.0   10.0   10.0   10.0   10.0   10.0   10.0   10.0   10.0   10.0   10.0   10.0   10.0   10.0   10.0   10.0   10.0   10.0   10.0   10.0   10.0   10.0   10.0   10.0   10.0   10.0   10.0   10.0   10.0   10.0   10.0   10.0   10.0   10.0   10.0   10.0   10.0   10.0   10.0   10.0   10.0   10.0   10.0   10.0   10.0   10.0   10.0   10.0   10.0   10.0   10.0   10.0   10.0   10.0   10.0   10.0   10.0   10.0   10.0   10.0   10.0   10.0   10.0   10.0   10.0   10.0   10.0   10.0   10.0   10.0   10.0   10.0   10.0   10.0   10.0   10.0   10.0   10.0   10.0   10.0   10.0   10.0   10.0   10.0   10.0   10.0   10.0   10.0   10.0   10.0   10.0   10.0   10.0   10.0   10.0   10.0   10.0   10.0   10.0   10.0   10.0   10.0   10.0   10.0   10.0   10.0   10.0   10.0   10.0	271	130.930111	30.0					. 0.0	20.7	70.5	17.0	110112
275   410.999M   36.5   +0.0   +15.9   +0.4   +3.6   +0.0   28.6   76.5   -47.9   Vert							0.0					
$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	275	410 999M	36.5				+3.6	+0.0	28.6	76.5	-47 9	Vert
+0.0	275	110.555111	30.5					. 0.0	20.0	70.5	17.5	, 011
276   393.017M   36.3   +0.0   +16.1   +0.4   +3.6   +0.0   28.6   76.5   -47.9   Vert   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0.0   +0							0.0					
-27.8 +0.0 +0.0 +0.0 +0.0	276	393.017M	36.3				+3.6	+0.0	28.6	76.5	-47.9	Vert
+0.0	2,0	2,2.01,1.1	50.5					0.0	_0.0	, 0.0	.,.,	, 610
277         467.370M         35.0         +0.0         +16.9         +0.3         +3.9         +0.0         28.3         76.5         -48.2         Vert           278         524.283M         33.2         +0.0         +17.9         +0.4         +4.2         +0.0         28.0         76.5         -48.5         Horiz           279         369.690M         34.1         +0.0         +17.6         +0.3         +3.4         +0.0         27.6         76.5         -48.9         Horiz           280         450.563M         34.6         +0.0         +16.6         +0.3         +3.8         +0.0         27.5         76.5         -49.0         Horiz           281         163.090M         34.5         +18.5         +0.0         +0.0         +0.0         +0.0         -40.0         +0.0         -49.0         Horiz           282         462.825M         33.4         +0.0         +16.8         +0.3         +3.9         +0.0         26.6         76.5         -49.9         Horiz           282         462.825M         33.4         +0.0         +16.8         +0.3         +3.9         +0.0         26.6         76.5         -49.9         Horiz												
-27.8	277	467.370M	35.0				+3.9	+0.0	28.3	76.5	-48.2	Vert
100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100												
278       524.283M       33.2       +0.0       +17.9       +0.4       +4.2       +0.0       28.0       76.5       -48.5       Horiz         279       369.690M       34.1       +0.0       +17.6       +0.3       +3.4       +0.0       27.6       76.5       -48.9       Horiz         280       450.563M       34.6       +0.0       +16.6       +0.3       +3.8       +0.0       27.5       76.5       -49.0       Horiz         281       163.090M       34.5       +18.5       +0.0       +0.0       +0.0       +0.0       +0.0       +0.0       +0.0       +0.0       Horiz       -27.9       +0.0       +0.0       +0.0       +0.0       -49.0       Horiz       -27.9       +0.0       +0.0       +0.0       +0.0       -49.0       Horiz       -27.8       +0.0       +0.0       +0.0       -40.0       -40.0       -40.0       -40.0       -40.0       -40.0       -40.0       -40.0       -40.0       -40.0       -40.0       -40.0       -40.0       -40.0       -40.0       -40.0       -40.0       -40.0       -40.0       -40.0       -40.0       -40.0       -40.0       -40.0       -40.0       -40.0       -40.0       -40.0												
-27.7	278	524.283M	33.2	+0.0			+4.2	+0.0	28.0	76.5	-48.5	Horiz
279       369.690M       34.1       +0.0       +17.6       +0.3       +3.4       +0.0       27.6       76.5       -48.9       Horiz         280       450.563M       34.6       +0.0       +16.6       +0.3       +3.8       +0.0       27.5       76.5       -49.0       Horiz         281       163.090M       34.5       +18.5       +0.0       +0.0       +0.0       +0.0       +0.0       27.5       76.5       -49.0       Horiz         282       462.825M       33.4       +0.0       +16.8       +0.3       +3.9       +0.0       26.6       76.5       -49.9       Horiz         283       487.366M       32.8       +0.0       +17.2       +0.4       +4.0       +0.0       26.6       76.5       -49.9       Vert				-27.7	+0.0	+0.0	+0.0					
-27.8 +0.0 +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 +0.0 +0.0   -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	+0.0						
-27.8 +0.0 +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   +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
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  281 163.090M 34.5 +18.5 +0.0 +0.0 +0.0 +0.0 +0.0 +0.0 +0.0 +0				-27.8	+0.0	+0.0	+0.0					
281 163.090M 34.5 +18.5 +0.0 +0.0 +0.0 +0.0				+0.0	+0.0	+0.0						
281 163.090M 34.5 +18.5 +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
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  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  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				-27.8	+0.0	+0.0	+0.0					
-27.9 +0.0 +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						
+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	281	163.090M	34.5	+18.5	+0.0	+0.3	+2.1	+0.0	27.5	76.5	-49.0	Horiz
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 +0.0 +0.				-27.9	+0.0	+0.0	+0.0					
-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						
+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	282	462.825M	33.4	+0.0	+16.8	+0.3	+3.9	+0.0	26.6	76.5	-49.9	Horiz
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				-27.8	+0.0	+0.0	+0.0					
-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
+0.0 +0.0 +0.0							+0.0					
10.0 10.0				+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. W/D#: 90303 FCC 15:407 (b)(1).(b)(4) Test Distance: 1 Meter Sequence#: 7 SX-SDCAG





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

Customer: Silex Technology, America, Inc.

Specification: FCC 15.407 (b)(4)

 Work Order #:
 90303
 Date:
 2/2/2010

 Test Type:
 Radiated Scan
 Time:
 13:43:58

Equipment: Wireless 802.11a/b/g SD Card Radio Sequence#: 7

Manufacturer: Silex Technology America, Inc. Tested By: E. Wong

Model: SX-SDCAG

S/N: E1

#### Test Equipment:

1 cst 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	1012	11/12/2008	11/12/2010	02045
Antenna				

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

Equipment Chack Test (	- <b>2</b> 0 <b>1</b> )•		
Function	Manufacturer	Model #	S/N
Wireless 802.11a/b/g SD	Silex Technology America,	SX-SDCAG	E1
Card Radio*	Inc.		

### Support Devices:

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

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## 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), 13.2 dBm (0.0209W), 13.3 dBm (0.0214), 12.6 dBm (0.0182), 12.6 dBm (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-AN02948-0921	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

Measi	irement Data:	Re	eading lis	ted by ma	argin.		Τe	est Distance	e: 3 Meters	1	
#	Freq	Rdng	T1	T2	T3	T4	Dist	Corr	Spec	Margin	Polar
	_	_	T5	T6	T7	T8			_		
			T9	T10	T11						
	MHz	$dB\mu V$	dB	dB	dB	dB	Table	$dB\mu V/m$	$dB\mu V/m \\$	dB	Ant
1	11611.500	39.7	+0.0	+0.0	+0.0	+0.0	+0.0	53.7	71.7	-18.0	Horiz
	M		+0.0	+9.6	-35.9	+1.1					
	Ave		+38.8	+0.0	+0.4				Z_802.11a	_5805M	
						Hz					

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A 11.611.500	51.0		. 0. 0	. 0. 0	. 0. 0	. 0. 0	(5.0	71.7 5	O II :
^ 11611.500	51.9	+0.0	+0.0	+0.0	+0.0	+0.0	65.9	71.7 -5.	8 Horiz
M		+0.0	+9.6	-35.9	+1.1			7 000 11 70071	Æ
		+38.8	+0.0	+0.4				Z_802.11a_5805N	VI
3 11529.417	20.5	+0.0	+0.0	+0.0	+0.0	+0.0	52.5	Hz	2 Mant
	39.5	+0.0 +0.0	+0.0	+0.0	+0.0	+0.0	53.5	71.7 -18.	.2 Vert
M Ave		+38.8	+9.6 +0.0	-35.9 +0.4	+1.1			Y 802.11a 57651	М
Ave		130.0	10.0	10.4				Hz	IVI
4 11491.333	39.3	+0.0	+0.0	+0.0	+0.0	+0.0	53.3	71.7 -18.	4 Horiz
M	39.3	+0.0	+9.6	-35.9	+1.1	10.0	33.3	/1./ -10.	.4 HOHZ
Ave		+38.8	+0.0	+0.4	' 1.1			Z 802.11a 5745N	М
1110		20.0	. 0.0					Hz . power 16, 10	
								dB pad	•
^ 11491.333	52.8	+0.0	+0.0	+0.0	+0.0	+0.0	66.8	71.7 -4.	9 Horiz
M		+0.0	+9.6	-35.9	+1.1				
		+38.8	+0.0	+0.4				Z_802.11a_5745N	M
								Hz. power 16, 10	
								dB pad	
6 11490.000	38.7	+0.0	+0.0	+0.0	+0.0	+0.0	52.7	71.7 -19.	0 Vert
M		+0.0	+9.6	-35.9	+1.1				
Ave		+38.8	+0.0	+0.4				Y_802.11a_57451	M
								Hz	
7 17236.333	40.4	+0.0	+0.0	+0.0	+0.0	-10.0	52.6	71.7 -19.	.1 Horiz
M		+0.0	+12.5	-33.7	+1.5				
Ave		+41.6	+0.0	+0.3				Z_802.11a_5745N	
								Hz, power=16, 10	0
								dB pad, 1 meter	
^ 17236.333	53.5	+0.0	+0.0	+0.0	+0.0	-10.0	65.7	71.7 -6.	0 Horiz
M		+0.0	+12.5	-33.7	+1.5			7 000 11 5745	
		+41.6	+0.0	+0.3				Z_802.11a_5745N	
								Hz, power=16, 10	U
9 11610.667	20.5	+0.0	+0.0	100	+0.0	+0.0	52.5	dB pad, 1 meter 71.7 -19.	) Hamin
9 11010.007 M	38.5	+0.0 +0.0	+0.0 +9.6	+0.0 -35.9	+0.0 +1.1	+0.0	32.3	/1./ -19.	2 Horiz
Ave		+38.8	+0.0	+0.4	' 1.1			X 5805MHz	
^ 11610.667	51.1	+0.0	+0.0	+0.0	+0.0	+0.0	65.1	71.7 -6.	6 Horiz
M	J1.1	+0.0	+9.6	-35.9	+1.1	10.0	03.1	/1./ -0.	O HOHZ
141		+38.8	+0.0	+0.4	. 1.1			X 5805MHz	
11 17235.000	40.2	+0.0	+0.0	+0.0	+0.0	-10.0	52.4	71.7 -19.	.3 Horiz
M	10.2	+0.0	+12.5	-33.7	+1.5	10.0	52. r	, 1., 1).	110112
Ave		+41.6	+0.0	+0.3	1.0			X 802.11a 57451	M
								Hz	
12 11528.333	38.3	+0.0	+0.0	+0.0	+0.0	+0.0	52.3	71.7 -19.	.4 Horiz
M		+0.0	+9.6	-35.9	+1.1				
Ave		+38.8	+0.0	+0.4				Z_802.11a_5765N	M
								Hz	
^ 11528.333	50.7	+0.0	+0.0	+0.0	+0.0	+0.0	64.7	71.7 -7.	0 Horiz
M		+0.0	+9.6	-35.9	+1.1				
		+38.8	+0.0	+0.4				Z_802.11a_5765N	M
								Hz	
								HZ	



14	17289.000	39.7	+0.0	+0.0	+0.0	+0.0	-10.0	52.2	71.7 -19	.5 Horiz
	M		+0.0	+12.5	-33.6	+1.5				
	Ave		+41.8	+0.0	+0.3				X_802.11a_5765	M
									Hz	
^	17289.000	54.1	+0.0	+0.0	+0.0	+0.0	-10.0	66.6	71.7 -5.	1 Horiz
	M		+0.0	+12.5	-33.6	+1.5				
			+41.8	+0.0	+0.3				X_802.11a_5765	M
									Hz	
16	11612.330	37.3	+0.0	+0.0	+0.0	+0.0	+0.0	51.3	71.7 -20	.4 Vert
	M		+0.0	+9.6	-35.9	+1.1				
	Ave		+38.8	+0.0	+0.4				Y-	
									802.11a_5805MF	łz
^	11612.330	49.4	+0.0	+0.0	+0.0	+0.0	+0.0	63.4	71.7 -8.	3 Vert
	M		+0.0	+9.6	-35.9	+1.1				
			+38.8	+0.0	+0.4				Y-	
									802.11a_5805MF	łz
18	11606.017	37.3	+0.0	+0.0	+0.0	+0.0	+0.0	51.3	71.7 -20	
	M		+0.0	+9.6	-35.9	+1.1				
	Ave		+38.8	+0.0	+0.4				X 5805MHz	
	11606.000	48.5	+0.0	+0.0	+0.0	+0.0	+0.0	62.5	<del>7</del> 1.7 -9.	2 Vert
	M		+0.0	+9.6	-35.9	+1.1				
			+38.8	+0.0	+0.4				X 5805MHz	
20	17411.333	37.9	+0.0	+0.0	+0.0	+0.0	-10.0	51.1	71.7 -20	.6 Horiz
	M		+0.0	+12.5	-33.6	+1.5				
	Ave		+42.4	+0.0	+0.4				X_5805MHz	
	17411.333	53.4	+0.0	+0.0	+0.0	+0.0	-10.0	66.6	71.7 -5.	1 Horiz
	M		+0.0	+12.5	-33.6	+1.5	10.0	00.0	, 1.,	110112
			+42.4	+0.0	+0.4				X 5805MHz	
22	11490.000	37.0	+0.0	+0.0	+0.0	+0.0	+0.0	51.0	71.7 -20	.7 Horiz
	M	27.0	+0.0	+9.6	-35.9	+1.1	0.0	01.0	,	., 110112
	Ave		+38.8	+0.0	+0.4				X_802.11a_5745	M
	11,0		20.0	0.0	· · ·				Hz	
23	17283.333	38.3	+0.0	+0.0	+0.0	+0.0	-10.0	50.8	71.7 -20.	.9 Horiz
23	M	20.2	+0.0	+12.5	-33.6	+1.5	10.0	20.0	, 1., 20	., 110112
	Ave		+41.8	+0.0	+0.3	1.5			Z_802.11a_57651	М
			11.0	. 0.0	. 0.5				Hz	
^	17283.333	52.6	+0.0	+0.0	+0.0	+0.0	-10.0	65.1	71.7 -6.	6 Horiz
	M	52.0		+12.5		+1.5	10.0	03.1	/1./ -0.	0 110112
	171		+41.8	+0.0	+0.3	. 1.3			Z_802.11a_57651	М
			11.0	. 0.0	. 0.5				Hz	.71
25	11525.933	36.7	+0.0	+0.0	+0.0	+0.0	+0.0	50.7	71.7 -21.	.0 Vert
23	M	50.1	+0.0	+9.6	-35.9	+1.1	. 0.0	50.7	/1./ -21	.o veit
	Ave		+38.8	+0.0	+0.4	1.1			X_802.11a_5765	М
	AVC		130.0	10.0	1 U. <del>4</del>				Hz	171
^	11526.000	47.2	+0.0	+0.0	±0.0	±0.0	+0.0	61.2		.5 Vert
		41.2	+0.0 +0.0		+0.0	+0.0	±0.0	01.2	71.7 -10	.5 veit
	M			+9.6 +0.0	-35.9 +0.4	+1.1			V 902 110 5745	М
			+38.8	+0.0	+0.4				X_802.11a_5765	1 <b>V1</b>
									Hz	



27 (00(5(7))	44.1	. 0. 0		. 0. 0	. 0. 0	. 0. 0	50.5	71.7 21.2	
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_5180M	
20 11727 000	26.4	+34.9	+0.0	+0.5			<b>50.4</b>	Hz	
28 11526.000	36.4	+0.0	+0.0	+0.0	+0.0	+0.0	50.4	71.7 -21.3	Horiz
M		+0.0	+9.6	-35.9	+1.1			V 000 11 - 57(5)	
Ave		+38.8	+0.0	+0.4				X_802.11a_5765M	
^ 11526 000	40.6	100	100	100	100	100	(2.6	Hz	II
11320.000	49.6	+0.0	+0.0	+0.0	+0.0	+0.0	63.6	71.7 -8.1	Horiz
M		+0.0 +38.8	+9.6	-35.9	+1.1			V 000 11 . 57(5M	
		±36.6	+0.0	+0.4				X_802.11a_5765M Hz	
30 11490.000	36.3	+0.0	+0.0	+0.0	+0.0	+0.0	50.3	71.7 -21.4	Vert
M		+0.0	+9.6	-35.9	+1.1				
Ave		+38.8	+0.0	+0.4				X_802.11a_5745M	
								Hz	
31 17421.667	36.1	+0.0	+0.0	+0.0	+0.0	-10.0	49.3	71.7 -22.4	Horiz
M		+0.0	+12.5	-33.6	+1.5				
Ave		+42.4	+0.0	+0.4				Z_802.11a_5805M	
								Hz	
^ 17421.667	47.3	+0.0	+0.0	+0.0	+0.0	-10.0	60.5	71.7 -11.2	Horiz
M		+0.0	+12.5	-33.6	+1.5				
		+42.4	+0.0	+0.4				Z_802.11a_5805M	
								Hz	
33 15600.000	31.9	+0.0	+0.0	+0.0	+0.0	+0.0	49.0	71.7 -22.7	Horiz
M		+0.0	+11.8	-34.6	+1.4				
Ave		+38.0	+0.0	+0.5				Z_802.11a_5200M	
								Hz	
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_5240M	
		+35.0	+0.0	+0.5				Hz	
35 15600.000	31.7	+0.0	+0.0	+0.0	+0.0	+0.0	48.8	71.7 -22.9	Horiz
M		+0.0	+11.8	-34.6	+1.4				
Ave		+38.0	+0.0	+0.5				Y_802.11a_5200M	
								Hz	
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_5180M	
A (00) (50) 5	46.2	+34.9	+0.0	+0.5	10.0	10.0		Hz 10.0	3.7
^ 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_5180M	
20 (00( 500) 5	40.1	+34.9	+0.0	+0.5	100	10.0	40.7	Hz 22.2	<b>3</b> 7 4
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_5180M	
20 15720 000	21.0	+34.9	+0.0	+0.5	100	100	40.2	Hz	II
39 15720.000	31.0	+0.0	+0.0	+0.0	+0.0	+0.0	48.3	71.7 -23.4	Horiz
M Ava		+0.0	+11.8	-34.4 +0.5	+1.4			7 900 110 504014	
Ave		+38.0	+0.0	+0.5				Z_802.11a_5240M Hz	
40 15600.000	31.2	+0.0	+0.0	+0.0	+0.0	+0.0	48.3	71.7 -23.4	Vert
40 13600.000 M	31.2	+0.0 +0.0	+11.8	+0.0 -34.6	+0.0 +1.4	±0.0	40.3	/1./ -23.4	veit
Ave		+38.0	$^{+11.8}$ $+0.0$	+0.5	11. <del>4</del>			Y_802.11a_5200M	
AVC		1 30.0	10.0	10.5				Hz	
								112	



41 10400.000	36.3	+0.0	+0.0	+0.0	+0.0	+0.0	48.2	71.7 -23.5	Horiz
M		+0.0	+8.8	-36.2	+1.0				
Ave		+38.0	+0.0	+0.3				Y_802.11a_5200M	
								Hz	
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_5200M	
		+34.9	+0.0	+0.5				Hz	
^ 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_5200M	
		+34.9	+0.0	+0.5				Hz	
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 5200M	
		+34.9	+0.0	+0.5				Hz	
^ 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_5200M	
		+34.9	+0.0	+0.5				Hz	
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_5240M	
		+35.0	+0.0	+0.5				Hz	
^ 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_5240M	
		+35.0	+0.0	+0.5				Hz	
48 15542.500	30.7	+0.0	+0.0	+0.0	+0.0	+0.0	47.7	71.7 -24.0	Horiz
M		+0.0	+11.7	-34.6	+1.4				
Ave		+38.0	+0.0	+0.5				Z_802.11a_5180M	
								Hz	
^ 15542.500	44.5	+0.0	+0.0	+0.0	+0.0	+0.0	61.5	71.7 -10.2	Horiz
M		+0.0	+11.7	-34.6	+1.4				
		+38.0	+0.0	+0.5				Z_802.11a_5180M	
								Hz	
50 11610.000	33.5	+0.0	+0.0	+0.0	+0.0	+0.0	47.5	71.7 -24.2	Vert
M		+0.0	+9.6	-35.9	+1.1				
Ave		+38.8	+0.0	+0.4				Z_802.11a_5805M	
								Hz	
^ 11610.000	45.4	+0.0	+0.0	+0.0	+0.0	+0.0	59.4	71.7 -12.3	Vert
M		+0.0	+9.6	-35.9	+1.1	- • •		2.0	
		+38.8	+0.0	+0.4				Z_802.11a_5805M	
								Hz	
52 17235.817	24.9	+0.0	+0.0	+0.0	+0.0	+0.0	47.1	71.7 -24.6	Vert
M		+0.0	+12.5	-33.7	+1.5	- • •			
Ave		+41.6	+0.0	+0.3				Z 802.11a 5745M	
								Hz	
^ 17235.817	37.3	+0.0	+0.0	+0.0	+0.0	+0.0	59.5	71.7 -12.2	Vert
M	- /	+0.0	+12.5	-33.7	+1.5			,, 12,2	. ••
1.1		+41.6	+0.0	+0.3	1.0			Z_802.11a_5745M	
								Hz	
L									



54	17235.000	34.9	+0.0	+0.0	+0.0	+0.0	-10.0	47.1	71.7 -2	24.6	Vert
	M		+0.0	+12.5	-33.7	+1.5					
	Ave		+41.6	+0.0	+0.3				X_802.11a_574	45M	
									Hz		
^	17235.000	46.6	+0.0	+0.0	+0.0	+0.0	-10.0	58.8	71.7 -	12.9	Vert
	M		+0.0	+12.5	-33.7	+1.5					
			+41.6	+0.0	+0.3				X_802.11a_574	45M	
									Hz		
56	11490.000	32.8	+0.0	+0.0	+0.0	+0.0	+0.0	46.8	71.7 -2	24.9	Vert
	M		+0.0	+9.6	-35.9	+1.1					
	Ave		+38.8	+0.0	+0.4				Z_802.11a_574	15M	
									Hz		
^	11490.000	51.5	+0.0	+0.0	+0.0	+0.0	+0.0	65.5	71.7	-6.2	Vert
	M		+0.0	+9.6	-35.9	+1.1					
			+38.8	+0.0	+0.4				Y_802.11a_574	45M	
	11 100 000	40.7	. 0. 0	. 0. 0	. 0. 0	. 0. 0	. 0. 0	62.5	Hz	0.0	T.7
^	11490.000	48.5	+0.0	+0.0	+0.0	+0.0	+0.0	62.5	71.7	-9.2	Vert
	M		+0.0	+9.6	-35.9	+1.1			N 000 11 55	453.6	
			+38.8	+0.0	+0.4				X_802.11a_574	45M	
	11.400.000	11.0	٠, ٥, ٥					50. <b>2</b>	Hz	12.5	<b>3</b> 7 4
^	11490.000	44.2	+0.0	+0.0	+0.0	+0.0	+0.0	58.2	71.7 -	13.5	Vert
	M		+0.0	+9.6	-35.9	+1.1			7 002 11 57/	1514	
			+38.8	+0.0	+0.4				Z_802.11a_574 Hz	IVIC	
(0	10400 000	24.0	100	100	100	100	100	467		35.0	II
60	10400.000	34.8	+0.0	+0.0	+0.0	+0.0	+0.0	46.7	71.7 -2	25.0	Horiz
	M		+0.0 +38.0	+8.8 +0.0	-36.2 +0.3	+1.0			7 902 115 520	OM.	
1	Ave		±38.0	+0.0	±0.3				Z_802.11a_520 Hz	JUIVI	
61	17289.000	34.1	+0.0	+0.0	+0.0	+0.0	-10.0	46.6		25.1	Vert
01	M	34.1	+0.0	+12.5	-33.6	+1.5	-10.0	40.0	/1./ -2	23.1	Vert
	Ave		+41.8	+0.0	+0.3	11.5			X 802.11a 576	65M	
'	1110		171.0	10.0	10.5				Hz	JJ1 <b>V1</b>	
^	17289.000	45.4	+0.0	+0.0	+0.0	+0.0	-10.0	57.9		13.8	Vert
	M	<b>⊣∂.</b> ਜ	+0.0	+12.5	-33.6	+1.5	10.0	51.7	/1./	13.0	V 011
	171		+41.8	+0.0	+0.3	1.5			X_802.11a_576	65M	
				. 0.0	. 0.5				Hz		
63	17292.217	34.0	+0.0	+0.0	+0.0	+0.0	-10.0	46.6		25.1	Vert
	M	21.0	+0.0	+12.5	-33.6	+1.5	10.0				. 510
	Ave		+41.9	+0.0	+0.3				Y 802.11a 570	65M	
									Hz		
^	17292.217	45.5	+0.0	+0.0	+0.0	+0.0	-10.0	58.1		13.6	Vert
	M		+0.0	+12.5	-33.6	+1.5	- • •				
			+41.9	+0.0	+0.3				Y_802.11a_570	65M	
									Hz		



65	11529.333	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			7 000 11 5765 5	
	Ave		+38.8	+0.0	+0.4				Z_802.11a_5765M	
^	11529.417	52.4	+0.0	+0.0	+0.0	+0.0	+0.0	66.4	Hz 71.7 -5.3	Vert
	M	32.4	+0.0	+9.6	±0.0 -35.9	+1.1	+0.0	00.4	/1./ -3.3	Vert
	1 <b>V1</b>		+38.8	+0.0	+0.4	' 1.1			Y_802.11a_5765M	
			20.0	. 0.0					Hz	
^	11529.333	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_5765M	
									Hz	
68	17230.500	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			X 000 11 5745X	
	Ave		+41.6	+0.0	+0.3				Y_802.11a_5745M	
^	17230.500	46.2	+0.0	+0.0	+0.0	+0.0	-10.0	58.4	Hz 71.7 -13.3	Vert
	17230.300 M	40.2	+0.0 +0.0	+12.5	+0.0 -33.7	+0.0	-10.0	38.4	/1./ -13.3	ven
	1 <b>V1</b>		+41.6	+0.0	+0.3	11.3			Y_802.11a_5745M	
			. 11.0	. 0.0	. 0.5				Hz	
70	17415.000	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_5805M	
									Hz	
^	17115.000	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			7 000 11 5005)	
			+42.4	+0.0	+0.4				Z_802.11a_5805M	
72	15540.000	28.9	+0.0	+0.0	+0.0	+0.0	+0.0	45.9	Hz 71.7 -25.8	Vert
12	M	20.9	+0.0	+11.7	-34.6	+1.4	10.0	43.3	/1./ -23.6	VEIL
	Ave		+38.0	+0.0	+0.5	. 1.4			Y_802.11a_5180M	
			20.0	0.0	0.0				Hz	
73	11527.800	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_5765M	
									Hz	
^	11527.800	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			V 000 11- 57(5)	
			+38.8	+0.0	+0.4				Y_802.11a_5765M Hz	
75	15720.000	28.3	+0.0	+0.0	+0.0	+0.0	+0.0	45.6	71.7 -26.1	Horiz
'3	M	20.5	+0.0	+11.8	-34.4	+1.4	.0.0	75.0	/1./ -20.1	110112
	Ave		+38.0	+0.0	+0.5	. 1. 1			Y 802.11a 5240M	
					- /-				Hz	
76	17292.800	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_5765M	
									Hz	
^	17292.800	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			V 000 11 57(5) 5	
			+41.9	+0.0	+0.3				Y_802.11a_5765M	
									Hz	



78	10480.000	33.6	+0.0	+0.0	+0.0	+0.0	+0.0	45.6	71.7 -26	.1 Horiz
	M		+0.0	+8.9	-36.2	+1.0				
	Ave		+38.0	+0.0	+0.3				Z_802.11a_5240	M
									Hz	
79	10359.833	33.6	+0.0	+0.0	+0.0	+0.0	+0.0	45.5	71.7 -26	.2 Horiz
	M		+0.0	+8.8	-36.2	+1.0				
	Ave		+38.0	+0.0	+0.3				Z_802.11a_5180	M
				***	***				Hz	
^	10359.833	48.0	+0.0	+0.0	+0.0	+0.0	+0.0	59.9	71.7 -11	.8 Horiz
	M	10.0	+0.0	+8.8	-36.2	+1.0	. 0.0	37.7	71.7	.0 110112
	171		+38.0	+0.0	+0.3	11.0			Z_802.11a_5180	M
			. 50.0	. 0.0	. 0.5				Hz	
81	15600.000	28.1	+0.0	+0.0	+0.0	+0.0	+0.0	45.2	71.7 -26	.5 Vert
01	M	20.1	+0.0	+11.8	-34.6	+1.4	10.0	43.2	/1./ -20	.5 VCIT
	Ave		+38.0	+0.0	+0.5	11.4			X_802.11a_5200	М
	Ave		136.0	10.0	10.5				Hz	1 <b>V1</b>
^	15600.000	42.2	+0.0	+0.0	+0.0	+0.0	+0.0	59.3	71.7 -12	.4 Vert
	13000.000 M	42.2	+0.0 +0.0	+11.8	-34.6	+0.0 +1.4	10.0	37.3	/1./ -12	. <del>-</del> V C1 l
	1 <b>V1</b>					⊤1.4			V 902 11a 5200	м
			+38.0	+0.0	+0.5				Y_802.11a_5200	IVI
	15600 000	40.2	١٠٠٠	100				57.4	Hz	2 17 /
^	15600.000	40.3	+0.0	+0.0	+0.0	+0.0	+0.0	57.4	71.7 -14	.3 Vert
	M		+0.0	+11.8	-34.6	+1.4			T 000 11 5000	
			+38.0	+0.0	+0.5				X_802.11a_5200	M
									Hz	
84	10400.000	33.3	+0.0	+0.0	+0.0	+0.0	+0.0	45.2	71.7 -26	.5 Vert
	M		+0.0	+8.8	-36.2	+1.0				
	Ave		+38.0	+0.0	+0.3				X_802.11a_5200	M
									Hz	
85	10480.000	33.1	+0.0	+0.0	+0.0	+0.0	+0.0	45.1	71.7 -26	.6 Horiz
	M		+0.0	+8.9	-36.2	+1.0				
	Ave		+38.0	+0.0	+0.3				X_802.11a_5240	M
									Hz	
86	10358.500	33.2	+0.0	+0.0	+0.0	+0.0	+0.0	45.1	71.7 -26	.6 Horiz
	M		+0.0	+8.8	-36.2	+1.0				
	Ave		+38.0	+0.0	+0.3				X_802.11a_5180	M
									Hz	
^	10358.500	47.0	+0.0	+0.0	+0.0	+0.0	+0.0	58.9	71.7 -12	.8 Horiz
	M	,	+0.0	+8.8	-36.2	+1.0			· · · · · · · · · · · · · · · · · · ·	
			+38.0	+0.0	+0.3				X 802.11a 5180	M
			20.0	0.0	3.2				Hz	
88	11610.000	31.1	+0.0	+0.0	+0.0	+0.0	+0.0	45.1	71.7 -26	.6 Horiz
	M	21.1	+0.0	+9.6	-35.9	+1.1	0.0	1	, 20	110112
	Ave		+38.8	+0.0	+0.4	. 1.1			Y-	
	1110		. 50.0	. 0.0	. 0.7				802.11a 5805MI	-Iz
٨	11610.000	43.1	+0.0	+0.0	+0.0	+0.0	+0.0	57.1	71.7 -14	
	M	₹3.1	+0.0	+9.6	-35.9	+1.1	10.0	5/.1	/1./ -14	.0 110112
	1 <b>V1</b>		+38.8	+9.6	-33.9 +0.4	11.1			Y-	
			130.0	10.0	10.4				802.11a 5805MI	J-z
									004.11a_3003WII	12



90 10479.000	33.0	+0.0	+0.0	+0.0	+0.0	+0.0	45.0	71.7 -26	.7 Vert
M		+0.0	+8.9	-36.2	+1.0				
Ave		+38.0	+0.0	+0.3				Z_802.11a_5240	M
								Hz	
^ 10479.000	46.8	+0.0	+0.0	+0.0	+0.0	+0.0	58.8	71.7 -12	.9 Vert
M		+0.0	+8.9	-36.2	+1.0				
		+38.0	+0.0	+0.3				Z_802.11a_5240	M
								Hz	
92 10358.000	33.1	+0.0	+0.0	+0.0	+0.0	+0.0	45.0	71.7 -26	.7 Vert
M		+0.0	+8.8	-36.2	+1.0				
Ave		+38.0	+0.0	+0.3				X_802.11a_5180	M
								Hz	
^ 10358.000	47.4	+0.0	+0.0	+0.0	+0.0	+0.0	59.3	71.7 -12	.4 Vert
M	.,	+0.0	+8.8	-36.2	+1.0	0.0	07.0	, ,	
		+38.0	+0.0	+0.3				X_802.11a_5180	M
		20.0	0.0	3.5				Hz	
94 17415.000	31.8	+0.0	+0.0	+0.0	+0.0	-10.0	45.0	71.7 -26	.7 Horiz
M	51.0	+0.0	+12.5	-33.6	+1.5	10.0	15.0	71.7	., 110112
Ave		+42.4	+0.0	+0.4	. 1.5			Y-	
Ave		172.7	10.0	10.4				802.11a 5805MI	H <sub>7</sub>
^ 17415.000	44.3	+0.0	+0.0	+0.0	+0.0	-10.0	57.5	71.7 -14	
M	44.5	+0.0	+12.5	-33.6	+1.5	-10.0	31.3	/1./ -14	.2 HOHZ
1V1		+42.4	+0.0	+0.4	11.3			Y-	
		142.4	10.0	10.4				802.11a_5805MI	J-
06 17411 222	21.7	+0.0	+0.0	+0.0	+0.0	-10.0	44.0	_	
96 17411.333	31.7	+0.0	+0.0	+0.0		-10.0	44.9	71.7 -26	.8 Vert
M		+0.0	+12.5	-33.6	+1.5			V 5005MII-	
Ave	40.1	+42.4	+0.0	+0.4	+0.0	10.0	55.2	X_5805MHz	4 37 4
^ 17411.333	42.1	+0.0	+0.0	+0.0	+0.0	-10.0	55.3	71.7 -16	.4 Vert
M		+0.0	+12.5	-33.6	+1.5			V 5005) (II	
00 1511616	21.5	+42.4	+0.0	+0.4		100	110	X_5805MHz	
98 17416.167	31.6	+0.0	+0.0	+0.0	+0.0	-10.0	44.8	71.7 -26	.9 Vert
M		+0.0	+12.5	-33.6	+1.5				
Ave		+42.4	+0.0	+0.4				Y-	_
								802.11a_5805MI	
^ 17416.167	41.1	+0.0	+0.0	+0.0	+0.0	-10.0	54.3	71.7 -17	.4 Vert
M		+0.0	+12.5	-33.6	+1.5				
		+42.4	+0.0	+0.4				Y-	
								802.11a_5805MI	
100 17301.000	21.9	+0.0	+0.0	+0.0	+0.0	+0.0	44.5	71.7 -27	.2 Vert
M		+0.0	+12.5	-33.6	+1.5				
Ave		+41.9	+0.0	+0.3				Z_802.11a_5765	M
								Hz	
^ 17301.000	32.8	+0.0	+0.0	+0.0	+0.0	+0.0	55.4	71.7 -16	.3 Vert
M		+0.0	+12.5	-33.6	+1.5				
		+41.9	+0.0	+0.3				Z 802.11a 5765	M
								Hz	
1									



100	10400 000	22.4	. 0 0	. 0. 0	. 0. 0	. 0. 0	. 0. 0			TT .
102	10480.000	32.4	+0.0	+0.0	+0.0	+0.0	+0.0	44.4	71.7 -27.3	Horiz
	M Ave		+0.0 +38.0	+8.9 +0.0	-36.2 +0.3	+1.0			Y_802.11a_5240M	
	Ave		136.0	10.0	10.3				Hz	
^	10480.000	46.7	+0.0	+0.0	+0.0	+0.0	+0.0	58.7	71.7 -13.0	Horiz
	M		+0.0	+8.9	-36.2	+1.0				
			+38.0	+0.0	+0.3				Z_802.11a_5240M	
									Hz	
^	10480.000	45.9	+0.0	+0.0	+0.0	+0.0	+0.0	57.9	71.7 -13.8	Horiz
	M		+0.0	+8.9	-36.2	+1.0			V 002 11 5240V	
			+38.0	+0.0	+0.3				X_802.11a_5240M Hz	
^	10480.000	44.8	+0.0	+0.0	+0.0	+0.0	+0.0	56.8	71.7 -14.9	Horiz
	M	44.0	+0.0	+8.9	-36.2	+1.0	10.0	30.6	/1./ -14.9	HOHZ
	111		+38.0	+0.0	+0.3	1.0			Y_802.11a_5240M	
									Hz	
106	10480.000	32.3	+0.0	+0.0	+0.0	+0.0	+0.0	44.3	71.7 -27.4	Vert
	M		+0.0	+8.9	-36.2	+1.0				
	Ave		+38.0	+0.0	+0.3				X_802.11a_5240M	
	10.400.000	10.1	. 0. 0	. 0. 0	. 0. 0	. 0. 0	. 0. 0		Hz	T.7
^	10480.000	43.4	+0.0	+0.0	+0.0	+0.0	+0.0	55.4	71.7 -16.3	Vert
	M		+0.0 +38.0	+8.9 +0.0	-36.2 +0.3	+1.0			X 802.11a 5240M	
			130.0	10.0	10.3				Hz	
108	15720.000	26.8	+0.0	+0.0	+0.0	+0.0	+0.0	44.1	71.7 -27.6	Vert
	M		+0.0	+11.8	-34.4	+1.4	- • •			
	Ave		+38.0	+0.0	+0.5				X_802.11a_5240M	
									Hz	
109		26.7	+0.0	+0.0	+0.0	+0.0	+0.0	44.0	71.7 -27.7	Horiz
	M		+0.0	+11.8	-34.4	+1.4			W 000 11 5040M	
	Ave		+38.0	+0.0	+0.5				X_802.11a_5240M Hz	
^	15720.000	43.2	+0.0	+0.0	+0.0	+0.0	+0.0	60.5	71.7 -11.2	Horiz
	M	73.2	+0.0	+11.8	-34.4	+1.4	10.0	00.5	/1./ -11.2	HOHZ
	2.2		+38.0	+0.0	+0.5				Z_802.11a_5240M	
									Hz	
^	15720.000	40.4	+0.0	+0.0	+0.0	+0.0	+0.0	57.7	71.7 -14.0	Horiz
	M		+0.0		-34.4	+1.4				
			+38.0	+0.0	+0.5				Y_802.11a_5240M	
	15730 000	20.5	100	100	100	100	10.0	56.0	Hz 14.0	тт '
^	15720.000	39.5	+0.0	+0.0	+0.0	+0.0	+0.0	56.8	71.7 -14.9	Horiz
	M		+0.0 +38.0	+11.8 +0.0	-34.4 +0.5	+1.4			X 802.11a 5240M	
			130.0	10.0	10.3				Hz	
113	15540.000	27.0	+0.0	+0.0	+0.0	+0.0	+0.0	44.0	71.7 -27.7	Horiz
	M		+0.0	+11.7	-34.6	+1.4	- • •			Ų
	Ave		+38.0	+0.0	+0.5				Y_802.11a_5180M	
									Hz	
^	15540.000	39.1	+0.0	+0.0	+0.0	+0.0	+0.0	56.1	71.7 -15.6	Horiz
	M		+0.0	+11.7	-34.6	+1.4			V 000 11 7100 5	
			+38.0	+0.0	+0.5				Y_802.11a_5180M	
									Hz	



115 15540.000	27.0	+0.0	+0.0	+0.0	+0.0	+0.0	44.0	71.7 -27.7	Vert
M		+0.0	+11.7	-34.6	+1.4				
Ave		+38.0	+0.0	+0.5				Z_802.11a_5180M	
A 15540 000	40.0					100	57.0	Hz 12.0	37. 4
^ 15540.000	40.9	+0.0 +0.0	+0.0	+0.0	+0.0	+0.0	57.9	71.7 -13.8	Vert
M		+38.0	$+11.7 \\ +0.0$	-34.6 +0.5	+1.4			Y_802.11a_5180M	
		130.0	10.0	10.5				Hz	
^ 15540.000	39.5	+0.0	+0.0	+0.0	+0.0	+0.0	56.5	71.7 -15.2	Vert
M	57.0	+0.0	+11.7	-34.6	+1.4	0.0	00.0	71.7	, 610
		+38.0	+0.0	+0.5				Z_802.11a_5180M	
								Hz	
118 11490.000	29.5	+0.0	+0.0	+0.0	+0.0	+0.0	43.5	71.7 -28.2	Horiz
M		+0.0	+9.6	-35.9	+1.1				
Ave		+38.8	+0.0	+0.4				Y_802.11a_5745M	
								Hz	
^ 11490.000	48.5	+0.0	+0.0	+0.0	+0.0	+0.0	62.5	71.7 -9.2	Horiz
M		+0.0	+9.6	-35.9	+1.1			V 000 11 - 5745M	
		+38.8	+0.0	+0.4				X_802.11a_5745M Hz	
^ 11490.000	40.3	+0.0	+0.0	+0.0	+0.0	+0.0	54.3	71.7 -17.4	Horiz
M	40.5	+0.0	+9.6	-35.9	+1.1	10.0	54.5	/1./	110112
1,1		+38.8	+0.0	+0.4	1.1			Y_802.11a_5745M	
								Hz	
121 15538.583	26.5	+0.0	+0.0	+0.0	+0.0	+0.0	43.5	71.7 -28.2	Vert
M		+0.0	+11.7	-34.6	+1.4				
Ave		+38.0	+0.0	+0.5				X_802.11a_5180M	
	•							Hz	
^ 15538.583	38.0	+0.0	+0.0	+0.0	+0.0	+0.0	55.0	71.7 -16.7	Vert
M		+0.0 +38.0	+11.7 +0.0	-34.6	+1.4			V 902 11a 5190M	
		+38.0	+0.0	+0.5				X_802.11a_5180M Hz	
123 10399.167	31.4	+0.0	+0.0	+0.0	+0.0	+0.0	43.3	71.7 -28.4	Vert
M	31.1	+0.0	+8.8	-36.2	+1.0	. 0.0	13.5	71.7 20.1	V 011
Ave		+38.0	+0.0	+0.3				Z 802.11a 5200M	
								Hz	
^ 10399.167	43.1	+0.0	+0.0	+0.0	+0.0	+0.0	55.0	71.7 -16.7	Vert
M		+0.0	+8.8	-36.2	+1.0				
		+38.0	+0.0	+0.3				Z_802.11a_5200M	
105 15720 000	25.6	100	100	100	100	100	42.0	Hz 20.0	<b>T</b> 74
125 15720.000	25.6	+0.0	+0.0	+0.0	+0.0	+0.0	42.9	71.7 -28.8	Vert
M Ave		+0.0 +38.0	+11.8 +0.0	-34.4 +0.5	+1.4			Y 802.11a 5240M	
Ave		130.0	10.0	10.3				Hz	
^ 15720.000	38.8	+0.0	+0.0	+0.0	+0.0	+0.0	56.1	71.7 -15.6	Vert
M		+0.0	+11.8	-34.4	+1.4	- • •			
		+38.0	+0.0	+0.5				X_802.11a_5240M	
								Hz	
^ 15720.000	38.4	+0.0	+0.0	+0.0	+0.0	+0.0	55.7	71.7 -16.0	Vert
M		+0.0	+11.8	-34.4	+1.4			T. 000 11	
		+38.0	+0.0	+0.5				Y_802.11a_5240M	
								Hz	



120	(00( ((7 <b>M</b>	26.2	ΙΟ.Ο	ΙΛΛ	ΙΛ.Λ	ΙΛ.Λ	ΙΛ.Λ	42.0	71.7 20.0	) Mont
	6986.667M	36.2	+0.0	+0.0	+0.0	+0.0	+0.0	42.8	71.7 -28.9	
	Ave		+0.0 +35.0	+6.7 +0.0	-36.4 +0.5	+0.8			Z_802.11a_5240N	1
^	(00( ((7M	42.0				ΙΛΛ	100	40.5	Hz 71.7 22.7	) Mont
	6986.667M	42.9	+0.0	+0.0	+0.0	+0.0	+0.0	49.5	71.7 -22.2	
			+0.0	+6.7	-36.4	+0.8			Z_802.11a_5240N	1
120	10260.000	20.0	+35.0	+0.0	+0.5			42.0	Hz 20.4	
130	10360.000	30.9	+0.0	+0.0	+0.0	+0.0	+0.0	42.8	71.7 -28.9	9 Horiz
	M		+0.0	+8.8	-36.2	+1.0			V 002 11 - 5100N	
	Ave		+38.0	+0.0	+0.3				Y_802.11a_5180N	/1
^	10260 000	42.0	+0.0	+0.0	+0.0	ΙΛΛ	100	54.7	Hz 71.7 -17.0	) IIi.
	10360.000	42.8	+0.0	+0.0	+0.0	+0.0	+0.0	34.7	/1./ -1/.0	) Horiz
	M		+0.0	+8.8	-36.2	+1.0			V 002 11 5100N	Л
			+38.0	+0.0	+0.3				Y_802.11a_5180N	/1
122	550 000M	47.2	+0.0	+10.4	+0.4	+4.2	100	42.0	Hz 71.7 29.6	) Hamin
132	550.000M	47.3	+0.0	+18.4	+0.4	+4.3	+0.0	42.8	71.7 -28.9	9 Horiz
	QP		-27.6 +0.0	$^{+0.0}$	+0.0 +0.0	+0.0				
122	15600.000	25.5	+0.0			100	+0.0	42.6	71.7 -29.	1 II
133		25.5		+0.0	+0.0	+0.0	+0.0	42.0	71.7 -29.1	l Horiz
	M		+0.0	+11.8	-34.6	+1.4			V 902 11a 5200N	Л
	Ave		+38.0	+0.0	+0.5				X_802.11a_5200N Hz	/1
^	15600,000	45.2	+0.0	+0.0	+0.0	ΙΛΛ	100	(2.4		) II.amin
, ,	15600.000	45.3	+0.0	+0.0	+0.0	+0.0	+0.0	62.4	71.7 -9.3	B Horiz
	M		+0.0 +38.0	+11.8	-34.6 +0.5	+1.4			7 902 11a 5200N	1
			±38.0	+0.0	+0.3				Z_802.11a_5200M Hz	1
^	15600.000	42.7	+0.0	+0.0	+0.0	+0.0	+0.0	59.8	71.7 -11.9	9 Horiz
	13600.000 M	42.7	+0.0 +0.0	+11.8	-34.6	+0.0 +1.4	+0.0	39.8	/1./ -11.	э понх
	IVI		+38.0	$^{+11.8}$ $+0.0$	+0.5	⊤1. <b>4</b>			Y 802.11a 5200N	Л
			136.0	10.0	10.5				Hz	/1
^	15600.000	38.1	+0.0	+0.0	+0.0	+0.0	+0.0	55.2	71.7 -16.5	5 Horiz
	M	36.1	+0.0	+11.8	-34.6	+1.4	10.0	33.2	/1./ -10	) HOHZ
	171		+38.0	+0.0	+0.5	' 1.7			X 802.11a 5200N	Л
			130.0	10.0	10.5				Hz	,1
137	15602.500	25.5	+0.0	+0.0	+0.0	+0.0	+0.0	42.6	71.7 -29.1	l Vert
13/	M	43.3	+0.0	+11.8	-34.6	+1.4	10.0	74.0	/1./ -27.	1 V C1 t
	Ave		+38.0	+0.0	+0.5	.1.7			Z_802.11a_5200M	1
	1110		. 50.0	. 0.0	. 0.5				Hz	•
^	15602.500	37.3	+0.0	+0.0	+0.0	+0.0	+0.0	54.4	71.7 -17.3	3 Vert
	M	51.5	+0.0	+11.8	-34.6	+1.4	. 0.0	J T.T	/1./ -1/	7011
1	141		+38.0	+0.0	+0.5	.1.⊤			Z_802.11a_5200M	1
1			. 50.0	. 0.0	. 0.5				Hz	•
139	10483.333	30.6	+0.0	+0.0	+0.0	+0.0	+0.0	42.6	71.7 -29.1	l Vert
	M	20.0	+0.0	+8.9	-36.2	+1.0	. 0.0	.2.0	71.7 27.	. , 011
	Ave		+38.0	+0.0	+0.3	1.0			Y 802.11a 5240N	Л
	· <del>·</del>		20.0	0.0	3.5				Hz	-
^	10483.333	44.7	+0.0	+0.0	+0.0	+0.0	+0.0	56.7	71.7 -15.0	) Vert
	M	,	+0.0	+8.9	-36.2	+1.0	. 0.0	20.7	, 1., 15.	, , , , ,
	4.4		+38.0	+0.0	+0.3	1.0			Y_802.11a_5240N	Л
			20.0	0.0	3.5				Hz	-



141	15719.000	25.2	+0.0	+0.0	+0.0	+0.0	+0.0	42.5	71.7 -29.2	2 Vert
	M		+0.0	+11.8	-34.4	+1.4				_
	Ave		+38.0	+0.0	+0.5				Z_802.11a_5240N	1
	15710.000	26.2	. 0. 0		. 0. 0	. 0. 0	. 0. 0	52.5	Hz	3 37 /
^	15/15.000	36.2	+0.0	+0.0	+0.0	+0.0	+0.0	53.5	71.7 -18.2	2 Vert
	M		+0.0	+11.8	-34.4	+1.4			7 002 11 - 52401	1
			+38.0	+0.0	+0.5				Z_802.11a_5240N Hz	1
143	550.000M	47.0	+0.0	+18.4	+0.4	+4.3	+0.0	42.5	71.7 -29.2	2 Horiz
	QP		-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 -26.0	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	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	8 Horiz
			-27.6	+0.0	+0.0	+0.0				
			+0.0	+0.0	+0.0					
147	6933.483M	36.1	+0.0	+0.0	+0.0	+0.0	+0.0	42.5	71.7 -29.2	
	Ave		+0.0	+6.7	-36.5	+0.8			Z_802.11a_5200N	1
			+34.9	+0.0	+0.5				Hz	
^	6933.483M	44.1	+0.0	+0.0	+0.0	+0.0	+0.0	50.5	71.7 -21.2	
			+0.0	+6.7	-36.5	+0.8			Z_802.11a_5200N	1
1.40	10260 000	20.5	+34.9	+0.0	+0.5	. 0. 0	. 0. 0	10.1	Hz	3 37 /
149	10360.000	30.5	+0.0	+0.0	+0.0	+0.0	+0.0	42.4	71.7 -29.3	3 Vert
	M		+0.0	+8.8	-36.2	+1.0			7 000 11 5 5100N	1
	Ave		+38.0	+0.0	+0.3				Z_802.11a_5180N Hz	1
150	15538.580	25.4	+0.0	+0.0	+0.0	+0.0	+0.0	42.4	71.7 -29	3 Horiz
	M		+0.0	+11.7	-34.6	+1.4				
	Ave		+38.0	+0.0	+0.5				X_802.11a_5180N	Л
									Hz	
^	15538.580	37.1	+0.0	+0.0	+0.0	+0.0	+0.0	54.1	71.7 -17.0	6 Horiz
	M		+0.0	+11.7	-34.6	+1.4				
			+38.0	+0.0	+0.5				X_802.11a_5180N	Л
									Hz	
152	10400.000	30.4	+0.0	+0.0	+0.0	+0.0	+0.0	42.3	71.7 -29.4	4 Vert
1	M		+0.0	+8.8	-36.2	+1.0				_
1	Ave		+38.0	+0.0	+0.3				Y_802.11a_5200N	Л
	10100								Hz	
^	10100.000	46.0	+0.0	+0.0	+0.0	+0.0	+0.0	57.9	71.7 -13.8	8 Vert
	M		+0.0	+8.8	-36.2	+1.0			V 000 11 50003	T.
			+38.0	+0.0	+0.3				X_802.11a_5200N	/I
	10400 000	40.5	100	10.0	100	100	100	52.4	Hz	77
^	10400.000	40.5	+0.0	+0.0	+0.0	+0.0	+0.0	52.4	71.7 -19.3	3 Vert
1	M		+0.0	+8.8	-36.2 +0.3	+1.0			V 902 11a 5200N	Л
1			+38.0	+0.0	±0.3				Y_802.11a_5200N Hz	<b>1</b>
									11Z	



155	17235.000	30.1	+0.0	+0.0	+0.0	+0.0	-10.0	42.3	71.7 -29	9.4 Horiz
	M		+0.0	+12.5	-33.7	+1.5				
	Ave		+41.6	+0.0	+0.3				Y_802.11a_5745	5M
									Hz	
^	17235.000	57.0	+0.0	+0.0	+0.0	+0.0	-10.0	69.2	71.7 -2	2.5 Horiz
	M		+0.0	+12.5	-33.7	+1.5				
			+41.6	+0.0	+0.3				X_802.11a_5745	5M
									Hz	
^	17235.000	44.8	+0.0	+0.0	+0.0	+0.0	-10.0	57.0	71.7 -14	4.7 Horiz
	M		+0.0	+12.5	-33.7	+1.5				
			+41.6	+0.0	+0.3				Y_802.11a_5745	5M
									Hz	
158	10360.000	30.3	+0.0	+0.0	+0.0	+0.0	+0.0	42.2	71.7 -29	9.5 Vert
	M		+0.0	+8.8	-36.2	+1.0				
	Ave		+38.0	+0.0	+0.3				Y_802.11a_5180	)M
									Hz	
^	10360.000	43.3	+0.0	+0.0	+0.0	+0.0	+0.0	55.2	71.7 -16	6.5 Vert
	M		+0.0	+8.8	-36.2	+1.0				
			+38.0	+0.0	+0.3				Z_802.11a_5180	)M
									Hz	
^	10360.000	43.3	+0.0	+0.0	+0.0	+0.0	+0.0	55.2	71.7 -16	6.5 Vert
	M		+0.0	+8.8	-36.2	+1.0				
			+38.0	+0.0	+0.3				Y_802.11a_5180	)M
									Hz	
161	800.000M	40.3	+0.0	+22.5	+0.4	+5.3	+0.0	41.3		0.4 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	0.8 Horiz
	Ave	0	+0.0	+6.7	-36.5	+0.8	0.0	,	Y_802.11a_5200	
			+34.9	+0.0	+0.5				Hz	
^	6933.333M	42.4	+0.0	+0.0	+0.0	+0.0	+0.0	48.8		2.9 Horiz
	0755.555141	12.1	+0.0	+6.7	-36.5	+0.8	. 0.0	10.0	Y_802.11a_5200	
			+34.9	+0.0	+0.5	. 0.0			Hz	v
164	10400.000	28.9	+0.0	+0.0	+0.0	+0.0	+0.0	40.8		0.9 Horiz
104	M	20.7	+0.0	+8.8	-36.2	+1.0	. 0.0	70.0	/1./ -5(	J. / 11011Z
	Ave		+38.0	+0.0	+0.3	1.0			X_802.11a_5200	)M
	1110		. 50.0	. 0.0	. 0.5				Hz	/1·1
^	10400.000	48.7	+0.0	+0.0	+0.0	+0.0	+0.0	60.6	71.7 -11	1.1 Horiz
	M	TO. /	+0.0	+8.8	-36.2	+1.0	10.0	00.0	/1./ -1!	1.1 110112
	141		+38.0	+0.0	+0.3	1.0			Z 802.11a 5200	)M
			. 50.0	. 0.0	. 0.5				Hz	/±+±
^	10400.000	46.5	+0.0	+0.0	+0.0	+0.0	+0.0	58.4	71.7 -13	3.3 Horiz
	M	10.5	+0.0	+8.8	-36.2	+1.0	. 0.0	<i>5</i> 0.¬	/1./ -1.	11011Z
	141		+38.0	+0.0	+0.3	1.0			Y 802.11a 5200	)M
			. 50.0	. 0.0	. 0.5				Hz	7171
^	10400.000	42.6	+0.0	+0.0	+0.0	+0.0	+0.0	54.5	71.7 -17	7.2 Horiz
	M	7∠.0	+0.0	+8.8	-36.2	+1.0	10.0	54.5	/1./ -1	1.4 11011Z
	1 <b>V1</b>		+38.0	+0.0	+0.3	1.0			Y 802 11a 5200	)M
			130.0	10.0	10.3				X_802.11a_5200	J1 <b>V1</b>
									Hz	



168 6906.500M	34.0	+0.0	+0.0	+0.0	+0.0	+0.0	40.4	71.7	-31.3	Horiz
Ave	34.0	+0.0	+6.7	-36.5	+0.8	10.0	40.4	Y 802.11a		110112
Tive		+34.9	+0.0	+0.5	10.0			Hz	_5100111	
^ 6906.567M	47.6	+0.0	+0.0	+0.0	+0.0	+0.0	54.0	71.7	-17.7	Horiz
0700.307141	47.0	+0.0	+6.7	-36.5	+0.8	10.0	34.0	Z_802.11a_		110112
		+34.9	+0.0	+0.5	.0.0			Hz	2100111	
^ 6906.500M	43.5	+0.0	+0.0	+0.0	+0.0	+0.0	49.9	71.7	-21.8	Horiz
0,00.001,1		+0.0	+6.7	-36.5	+0.8	0.0	.,.,	Y_802.11a_		110112
		+34.9	+0.0	+0.5				Hz	-	
171 6986.633M	33.8	+0.0	+0.0	+0.0	+0.0	+0.0	40.4	71.7	-31.3	Horiz
Ave		+0.0	+6.7	-36.4	+0.8			Y 802.11a	5240M	
		+35.0	+0.0	+0.5				Hz	-	
^ 6986.667M	47.0	+0.0	+0.0	+0.0	+0.0	+0.0	53.6	71.7	-18.1	Horiz
		+0.0	+6.7	-36.4	+0.8			Z_802.11a_	5240M	
		+35.0	+0.0	+0.5				Hz		
^ 6986.633M	42.6	+0.0	+0.0	+0.0	+0.0	+0.0	49.2	71.7	-22.5	Horiz
		+0.0	+6.7	-36.4	+0.8			Y_802.11a_	5240M	
		+35.0	+0.0	+0.5				Hz		
174 258.970M	44.6	+19.5	+0.0	+0.3	+2.8	+0.0	39.5	71.7	-32.2	Horiz
		-27.7	+0.0	+0.0	+0.0					
		+0.0	+0.0	+0.0						
175 256.990M	44.7	+19.3	+0.0	+0.3	+2.8	+0.0	39.4	71.7	-32.3	Horiz
		-27.7	+0.0	+0.0	+0.0					
		+0.0	+0.0	+0.0						
176 22973.333	40.4	+0.0	+0.0	+0.0	+0.0	-10.0	39.4	71.7	-32.3	Vert
M		+0.0	+0.0	-32.4	+1.7					
Ave		+0.0	+39.7	+0.0		100				
^ 22973.333	54.0	+0.0	+0.0	+0.0	+0.0	-10.0	53.0	71.7	-18.7	Vert
M		+0.0	+0.0	-32.4	+1.7					
170 257 010) (	11.6	+0.0	+39.7	+0.0	12.0		20.2	71.7	20.4	<b>3</b> 7 /
178 257.010M	44.6	+19.3	+0.0	+0.3	+2.8	+0.0	39.3	71.7	-32.4	Vert
		-27.7 +0.0	+0.0 +0.0	+0.0 +0.0	+0.0					
179 259.030M	44.2	+19.5	+0.0	+0.0	+2.8	+0.0	39.1	71.7	-32.6	Vert
1/9 239.030101	44.2	+19.3 -27.7	+0.0 +0.0	+0.3 $+0.0$	+0.0	+0.0	39.1	/1./	-32.0	vert
		+0.0	+0.0	+0.0	10.0					
180 550.000M	43.4	+0.0	+18.4	+0.4	+4.3	+0.0	38.9	71.7	-32.8	Vert
QP	73.7	-27.6	+0.0	+0.0	+0.0	10.0	36.7	/1./	-32.0	VCIT
Α,		+0.0	+0.0	+0.0	. 0.0					
^ 550.000M	45.2	+0.0	+18.4	+0.4	+4.3	+0.0	40.7	71.7	-31.0	Vert
220.000171	10.2	-27.6	+0.0	+0.0	+0.0	. 0.0	10.7	, 1.,	21.0	, 511
		+0.0	+0.0	+0.0	0.0					
^ 550.000M	42.0	+0.0	+18.4	+0.4	+4.3	+0.0	37.5	71.7	-34.2	Vert
230.0001/1		-27.6	+0.0	+0.0	+0.0		- /		- ·· <b>-</b>	
		+0.0	+0.0	+0.0						
^ 550.000M	41.2	+0.0	+18.4	+0.4	+4.3	+0.0	36.7	71.7	-35.0	Vert
		-27.6	+0.0	+0.0	+0.0					
		+0.0	+0.0	+0.0						
L										



104 000 0003 5	25.5	. 0. 0	. 22 5	. 0. 4		. 0 0	20.5		22.0	***
184 800.000M	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						
188 375.001M	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						
189 464.949M	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						
190 251.020M	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						
191 251.010M	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						
192 849.960M	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						
193 250.990M	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						
194 800.010M	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						
198 23226.667	38.6	+0.0	+0.0	+0.0	+0.0	-10.0	37.6	71.7	-34.1	Vert
M		+0.0	+0.0	-32.5	+1.7					
Ave		+0.0	+39.8	+0.0						
^ 23226.667	51.1	+0.0	+0.0	+0.0	+0.0	-10.0	50.1	71.7	-21.6	Vert
M		+0.0	+0.0	-32.5	+1.7					
		+0.0	+39.8	+0.0						
		0.0		0.0						



200	440,00234	44.1	100	1166	.0.2	12.0		27.0	71.7	247	TT .
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	+0.0	+5.7	+0.0	36.8	71.7	-34.9	Vert
201	900.000M	33.8	+0.0 -27.2	+23.8 $+0.0$	+0.7	+0.0	+0.0	30.8	/1./	-34.9	vert
			+0.0	+0.0	+0.0	10.0					
202	267.020M	40.9	+20.3	+0.0	+0.3	+2.9	+0.0	36.6	71.7	-35.1	Horiz
202	207.020W	40.3	-27.8	+0.0	+0.0	+0.0	10.0	30.0	/1./	-33.1	110112
			+0.0	+0.0	+0.0	10.0					
203	23063.333	37.5	+0.0	+0.0	+0.0	+0.0	-10.0	36.5	71.7	-35.2	Vert
203	M	31.3	+0.0	+0.0	-32.4	+1.7	10.0	30.3	/1./	33.2	VCIT
	Ave		+0.0	+39.7	+0.0	. 1.7					
	23063.333	49.3	+0.0	+0.0	+0.0	+0.0	-10.0	48.3	71.7	-23.4	Vert
	M	٦٧.5	+0.0	+0.0	-32.4	+1.7	-10.0	<b>4</b> 0.5	/1./	-23. <del>T</del>	VCIT
	141		+0.0	+39.7	+0.0	. 1.7					
205	225.020M	43.4	+17.9	+0.0	+0.3	+2.6	+0.0	36.3	71.7	-35.4	Vert
203	223.020111	73.7	-27.9	+0.0	+0.0	+0.0	10.0	30.3	/1./	33.4	VCIT
			+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
200	119.900111	13.2	-27.8	+0.0	+0.0	+0.0	. 0.0	50.1	, 1.,	35.0	, 610
			+0.0	+0.0	+0.0						
207	399.966M	44.0	+0.0	+15.7	+0.4	+3.6	+0.0	35.9	71.7	-35.8	Vert
	QP		-27.8	+0.0	+0.0	+0.0	0.0	56.5	, ,	22.0	, 010
			+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	36.7	+0.0	+0.0	+0.0	+0.0	-10.0	35.0	71.7	-36.7	Vert
	M		+0.0	+0.0	-32.9	+1.6					
	Ave		+0.0	+39.6	+0.0						
^	20973.333	54.4	+0.0	+0.0	+0.0		-10.0	52.7	71.7	-19.0	Vert
	M		+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					
1			+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						
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						
224 375.000M	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						
225 20800.000	35.0	+0.0	+0.0	+0.0	+0.0	-10.0	33.3	71.7	-38.4	Vert
M		+0.0	+0.0	-32.9	+1.6					
Ave		+0.0	+39.6	+0.0						
^ 20800.000	45.4	+0.0	+0.0	+0.0	+0.0	-10.0	43.7	71.7	-28.0	Vert
M		+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	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	0.0					
		0.0	0.0	3.0						



	15500015	20.1								20.7	
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					
		20.5	+0.0	+0.0	+0.0	• •				20.0	
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					
	121055	10.1	+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	33.8	+0.0	+0.0	+0.0		-10.0	32.2	71.7	-39.5	Vert
	M		+0.0	+0.0	-32.8	+1.6					
	Ave		+0.0	+39.6	+0.0						
^	20720.000	48.2	+0.0	+0.0	+0.0		-10.0	46.6	71.7	-25.1	Vert
	M		+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						
L											

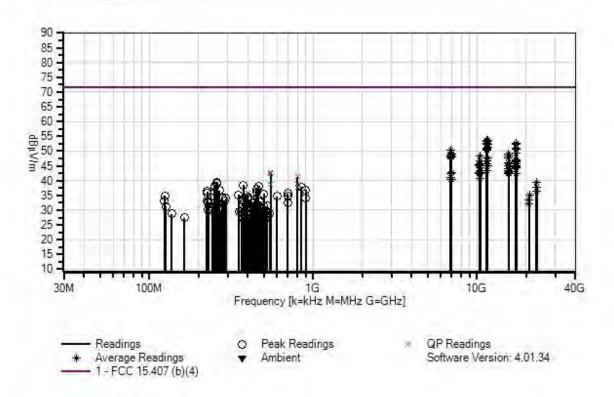


268	523.770M	34.3	+0.0	+17.9	+0.4	+4.2	+0.0	29.1	71.7	-42.6	Vert
			-27.7	+0.0	+0.0	+0.0					
			+0.0	+0.0	+0.0						
269	480.130M	35.2	+0.0	+17.1	+0.4	+4.0	+0.0	28.9	71.7	-42.8	Vert
			-27.8	+0.0	+0.0	+0.0					
			+0.0	+0.0	+0.0						
270	542.030M	33.5	+0.0	+18.3	+0.4	+4.3	+0.0	28.9	71.7	-42.8	Vert
			-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			/	<b></b>	
			+0.0	+0.0	+0.0	0.0					
<u> </u>			0.0	0.0	3.0						



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. WD#; 90303 FCC 15:407 (b)(4) Test Distance: 3 Meters Sequence#; 7 SX-SDCAG





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 #:90303Date:3/1/2010Test Type:Radiated ScanTime:10:50:45Equipment:Wireless 802.11a/b/g SD Card RadioSequence#:53Manufacturer:Silex Technology America, Inc.Tested By:E. Wong

Model: SX-SDCAG

S/N: ED

## Test Equipment:

S/N	Calibration Date	Cal Due Date	Asset #
220	10/22/2009	10/22/2011	306
331	10/22/2009	10/22/2011	300
US44300438	07/23/2008	07/23/2010	02672
Cable #10	04/16/2009	04/16/2011	P05050
Cable15	01/05/2009	01/05/2011	P05198
1937A02548	05/02/2008	05/02/2010	00309
6246	06/06/2008	06/06/2010	00849
3123A00281	07/28/2008	07/28/2010	00786
P5565	09/04/2008	09/04/2010	P05565
942126-003	11/12/2008	11/12/2010	01413
1	03/25/2008	03/25/2010	02744
2014	06/16/2008	06/16/2010	00314
NA	09/14/2009	09/14/2011	P02946
NA	09/21/2009	09/21/2011	P2948
	220 331 US44300438 Cable #10 Cable15 1937A02548 6246 3123A00281 P5565 942126-003 1 2014 NA	220 10/22/2009 331 10/22/2009 US44300438 07/23/2008 Cable #10 04/16/2009 Cable15 01/05/2009 1937A02548 05/02/2008 6246 06/06/2008 3123A00281 07/28/2008 P5565 09/04/2008 942126-003 11/12/2008 1 03/25/2008 2014 06/16/2008 NA 09/14/2009	220         10/22/2009         10/22/2011           331         10/22/2009         10/22/2011           US44300438         07/23/2008         07/23/2010           Cable #10         04/16/2009         04/16/2011           Cable15         01/05/2009         01/05/2011           1937A02548         05/02/2008         05/02/2010           6246         06/06/2008         06/06/2010           3123A00281         07/28/2008         07/28/2010           P5565         09/04/2008         09/04/2010           942126-003         11/12/2008         11/12/2010           1         03/25/2008         03/25/2010           2014         06/16/2008         06/16/2010           NA         09/14/2009         09/14/2011

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

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

Support Devices:

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

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### 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), 13.2 dBm (0.0209W), 13.3 dBm (0.0214), 12.6 dBm (0.0182), 12.6 dBm (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 = 105 dbuV/m, -20 dBc = 85 dBuV.

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

Meas	urement Data:	Re	eading lis	ted by ma	argin.						
#	Freq	Rdng	T1	T2	T3	T4	Dist	Corr	Spec	Margin	Polar
			T5	T6							
	MHz	$dB\mu V$	dB	dB	dB	dB	Table	$dB\mu V/m$	$dB\mu V/m$	dB	Ant
	1 11611.340	35.7	+9.6	-35.9	+1.1	+38.8	+0.0	49.7	54.0	-4.3	Vert
	M		+0.0	+0.4							
	Ave								X_802.11a	l	
,	^ 11611.340	48.1	+9.6	-35.9	+1.1	+38.8	+0.0	62.1	54.0	+8.1	Vert
	M		+0.0	+0.4							
									X_802.11a	ı	

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3 11615.450	34.7	+9.6	-35.9	+1.1	+38.8	+0.0	48.7	54.0	-5.3	Horiz
M		+0.0	+0.4					7 002 11-		
Ave ^ 11615.450	49.2	+9.6	-35.9	+1.1	+38.8	+0.0	63.2	Z_802.11a 54.0	+9.2	Horiz
M	49.2	+0.0	+0.4	' 1.1	130.0	10.0	03.2	34.0	19.2	110112
								Z_802.11a		
5 11611.340	34.6	+9.6	-35.9	+1.1	+38.8	+0.0	48.6	54.0	-5.4	Horiz
M		+0.0	+0.4					T. 000 11		
Ave	24.1	+0.6	25.0	+1.1	120.0	+0.0	40.1	Y_802.11a	5.0	<b>3</b> 74
6 11608.760 M	34.1	+9.6 +0.0	-35.9 +0.4	+1.1	+38.8	+0.0	48.1	54.0	-5.9	Vert
Ave		10.0	10.4					Y 802.11a		
^ 11608.760	45.7	+9.6	-35.9	+1.1	+38.8	+0.0	59.7		+5.7	Vert
M		+0.0	+0.4							
								Y_802.11a		
8 11611.340	33.9	+9.6	-35.9	+1.1	+38.8	+0.0	47.9	54.0	-6.1	Horiz
M		+0.0	+0.4					V 902 11a		
Ave ^ 11611.340	47.6	+9.6	-35.9	+1.1	+38 8	+0.0	61.6	X_802.11a 54.0	+7.6	Horiz
M	77.0	+0.0	+0.4	' 1.1	1 30.0	10.0	01.0	34.0	17.0	110112
								Y_802.11a		
^ 11611.340	46.9	+9.6	-35.9	+1.1	+38.8	+0.0	60.9	54.0	+6.9	Horiz
M		+0.0	+0.4							
11 11(10.700	22.0	.0.6	25.0	. 1 1	.20.0	. 0. 0	47.0	X_802.11a	<i>(</i> 1	T.7
11 11610.500 M	33.9	+9.6 +0.0	-35.9 +0.4	+1.1	+38.8	+0.0	47.9	54.0	-6.1	Vert
Ave		10.0	10.4					Z_802.11a		
^ 11610.500	46.9	+9.6	-35.9	+1.1	+38.8	+0.0	60.9		+6.9	Vert
M		+0.0	+0.4							
								Z_802.11a		
13 15601.400	28.0	+11.8	-34.6	+1.4	+38.0	+0.0	45.1	54.0	-8.9	Vert
M		+0.0	+0.5					7 902 110		
Ave 14 11530.000	30.7	+9.6	-35.9	+1.1	+38 8	+0.0	44.7	Z_802.11a 54.0	-9.3	Vert
M	30.7	+0.0	+0.4	' 1.1	1 30.0	10.0	77.7	34.0	-7.5	VCIT
Ave								Y_802.11a		
15 15601.400	27.4	+11.8	-34.6	+1.4	+38.0	+0.0	44.5	54.0	-9.5	Horiz
M		+0.0	+0.5							
Ave	20.5	10.6	25.0	. 1 1	120.0	100	A A .	Y_802.11a	0.7	<b>V</b> 74
16 11530.000 M	30.5	+9.6 +0.0	-35.9 +0.4	+1.1	+38.8	+0.0	44.5	54.0	-9.5	Vert
Ave		10.0	10.4					Z 802.11a		
17 11490.500	30.3	+9.6	-35.9	+1.1	+38.8	+0.0	44.3	54.0	-9.7	Vert
M		+0.0	+0.4							
Ave								Y_802.11a		
18 11490.500	30.1	+9.6	-35.9	+1.1	+38.8	+0.0	44.1	54.0	-9.9	Horiz
M		+0.0	+0.4					Z 802.11a		
Ave 19 11530.000	30.0	+9.6	-35.9	+1.1	+38.8	+0.0	44.0	54.0	-10.0	Horiz
M	50.0	+0.0	+0.4	1.1	1 30.0	10.0	<del>77</del> .∪	J-1.U	-10.0	110112
Ave		0.0	···					Y_802.11a		
1										i



20	11490.500	30.0	+9.6	-35.9	+1.1	+38 8	+0.0	44.0	54.0	-10.0	Horiz
20	M	30.0	+0.0	+0.4	' 1.1	130.0	10.0	44.0	34.0	-10.0	110112
	Ave								Y 802.11a		
21	11530.000	29.6	+9.6	-35.9	+1.1	+38.8	+0.0	43.6	54.0	-10.4	Horiz
	M		+0.0	+0.4							
	Ave								Z_802.11a		
22	15540.293	26.4	+11.7	-34.6	+1.4	+38.0	+0.0	43.4	54.0	-10.6	Horiz
	M		+0.0	+0.5							
	Ave								Z_802.11a		
23	15601.400	26.2	+11.8	-34.6	+1.4	+38.0	+0.0	43.3	54.0	-10.7	Horiz
	M		+0.0	+0.5					7 002 11		
	Ave	26.1	. 11.7	24.6	. 1 . 4	120.0		42.1	Z_802.11a	10.0	3.7
24	15540.333 M	26.1	$+11.7 \\ +0.0$	-34.6 +0.5	+1.4	+38.0	+0.0	43.1	54.0	-10.9	Vert
	Ave		±0.0	+0.3					Y 802.11a		
	15540.333	25.4	+11.7	-34.6	+1.4	+38.0	+0.0	42.4		-11.6	Horiz
	M	23.4	+0.0	+0.5	11.4	130.0	10.0	42.4	34.0	-11.0	110112
	Ave		. 0.0	. 0.5					Y 802.11a		
	15601.400	25.2	+11.8	-34.6	+1.4	+38.0	+0.0	42.3		-11.7	Vert
	M		+0.0	+0.5							
	Ave								X 802.11a		
27	15540.333	25.3	+11.7	-34.6	+1.4	+38.0	+0.0	42.3	54.0	-11.7	Vert
	M		+0.0	+0.5							
	Ave								X_802.11a		
28	15601.400	25.1	+11.8	-34.6	+1.4	+38.0	+0.0	42.2	54.0	-11.8	Vert
	M		+0.0	+0.5							
	Ave								Y_802.11a		
^	15601.400	40.1	+11.8	-34.6	+1.4	+38.0	+0.0	57.2	54.0	+3.2	Vert
	M		+0.0	+0.5					7 000 11-		
	15601 400	20.0	.11.0	24.6	. 1 . 4	120.0		56.1	Z_802.11a	10.1	3.7
	15601.400 M	39.0	+11.8	-34.6	+1.4	+38.0	+0.0	56.1	54.0	+2.1	Vert
	IVI		+0.0	+0.5					Y 802.11a		
^	15601.400	38.4	+11.8	-34.6	+1.4	+38.0	+0.0	55.5		+1.5	Vert
	M	30.4	+0.0	+0.5	11.4	130.0	10.0	33.3	34.0	11.3	VCIT
	141		. 0.0	. 0.5					X 802.11a		
32	15540.300	25.2	+11.7	-34.6	+1.4	+38.0	+0.0	42.2	54.0	-11.8	Vert
	M		+0.0								
	Ave								Z_802.11a		
^		40.9	+11.7	-34.6	+1.4	+38.0	+0.0	57.9	54.0	+3.9	Vert
	M		+0.0	+0.5							
									Y_802.11a		
^	13340.300	37.8	+11.7	-34.6	+1.4	+38.0	+0.0	54.8	54.0	+0.8	Vert
	M		+0.0	+0.5							
									Z_802.11a		
^	133 10.333	35.3	+11.7	-34.6	+1.4	+38.0	+0.0	52.3	54.0	-1.7	Vert
	M		+0.0	+0.5					V 002 11		
									X_802.11a		



36 15719.333	24.8	+11.8	-34.4	+1.4	+38.0	+0.0	42.1	54.0	-11.9	Vert
M		+0.0	+0.5							
Ave								X_802.11a		
37 11490.500	28.1	+9.6	-35.9	+1.1	+38.8	+0.0	42.1	54.0	-11.9	Vert
M		+0.0	+0.4							
Ave								X 802.11a		
38 15601.400	25.0	+11.8	-34.6	+1.4	+38.0	+0.0	42.1	_	-11.9	Horiz
M	_0.0	+0.0	+0.5		20.0	0.0		<i>c c</i>	11.,	110112
Ave		0.0	0.0					X 802.11a		
^ 15601.400	40.8	+11.8	-34.6	+1.4	+38.0	+0.0	57.9		+3.9	Horiz
M	40.0	+0.0	+0.5	' 1. Т	130.0	10.0	31.7	54.0	13.7	HOHZ
171		10.0	10.5					Y 802.11a		
^ 15601.400	38.4	+11.8	-34.6	+1.4	+38.0	+0.0	55.5		+1.5	Horiz
	38.4			+1.4	+38.0	+0.0	33.3	54.0	+1.5	Horiz
M		+0.0	+0.5					7 000 11-		
1.15(01.100		11.0	216		20.0			Z_802.11a		
^ 15601.400	37.4		-34.6	+1.4	+38.0	+0.0	54.5	54.0	+0.5	Horiz
M		+0.0	+0.5							
								X_802.11a		
42 15719.333	24.7	+11.8	-34.4	+1.4	+38.0	+0.0	42.0	54.0	-12.0	Horiz
M		+0.0	+0.5							
Ave								X_802.11a		
43 15719.333	24.7	+11.8	-34.4	+1.4	+38.0	+0.0	42.0	54.0	-12.0	Horiz
M		+0.0	+0.5							
Ave								Z 802.11a		
44 15719.333	24.7	+11.8	-34.4	+1.4	+38.0	+0.0	42.0	54.0	-12.0	Vert
M		+0.0	+0.5							
Ave								Y 802.11a		
	24.7	+11.8	-34.4	+1.4	+38.0	+0.0	42.0		-12.0	Vert
M		+0.0	+0.5		20.0	0.0		<i>c c</i>	12.0	, 610
Ave		***	***					Z_802.11a		
^ 15719.333	38.1	+11.8	-34.4	+1.4	+38.0	+0.0	55.4	54.0	+1.4	Vert
M	30.1	+0.0	+0.5	' 1. Т	130.0	10.0	33.4	54.0	1.7	VCIt
141		10.0	10.5					Y 802.11a		
^ 15719.333	27.5	+11.8	-34.4	±1 1	+38.0	+0.0	510	54.0	+0.8	Vert
13/19.333 M	37.3			⊤1. <del>4</del>	±36.0	±0.0	34.6	34.0	±0.8	Veit
IVI		+0.0	+0.5					V 000 11a		
A 15710 222	27.4	.11.0	24.4	. 1 . 4	120.0		547	X_802.11a	.0.7	37. 4
^ 15719.333		+11.8	-34.4	+1.4	+38.0	+0.0	54.7	54.0	+0.7	Vert
M		+0.0	+0.5					7 000 11		
10 11								Z_802.11a		
49 11530.000	27.9	+9.6	-35.9	+1.1	+38.8	+0.0	41.9	54.0	-12.1	Vert
M		+0.0	+0.4							
Ave								X_802.11a		
^ 11530.000	44.2	+9.6	-35.9	+1.1	+38.8	+0.0	58.2	54.0	+4.2	Vert
M		+0.0	+0.4							
								Z_802.11a		
^ 11530.000	43.8	+9.6	-35.9	+1.1	+38.8	+0.0	57.8	54.0	+3.8	Vert
M		+0.0	+0.4							
								Y 802.11a		
^ 11530.000	42.0	+9.6	-35.9	+1.1	+38.8	+0.0	56.0	54.0	+2.0	Vert
M		+0.0	+0.4		- 0.0		- 0.0	2		
1,1		0.0	٠. ٠					X 802.11a		
1								-1_002.11d		



M	53	15719.333	24.6		-34.4	+1.4	+38.0	+0.0	41.9	54.0	-12.1	Horiz
\$\begin{array}{c c c c c c c c c c c c c c c c c c c				+0.0	+0.5					Y 802 11a		
Name			39.6	+11.8	-34.4	+1.4	+38.0	+0.0	56.9		+2.9	Horiz
15719.333		M		+0.0	+0.5							
M												
Name	^		37.4			+1.4	+38.0	+0.0	54.7	54.0	+0.7	Horiz
15719,333		M		+0.0	+0.5					X 802 11a		
M	^	15719.333	36.8	+11.8	-34.4	+1.4	+38.0	+0.0	54.1	54.0	+0.1	Horiz
S7 15540,333												
M Ave         +0.0         +0.5         X 802.11a           ^ 15540,333         39.4         +11.7         -34.6         +1.4         +38.0         +0.0         56.4         54.0         +2.4         Horiz           M         +0.0         +0.5         Y 802.11a         Y 802.11a           ^ 15540,300         38.8         +11.7         -34.6         +1.4         +38.0         +0.0         55.8         54.0         +1.8         Horiz           M         +0.0         +0.5         Z 802.11a         Z 802.11a         X 802.11a           ^ 15540,367         36.9         +11.7         -34.6         +1.4         +38.0         +0.0         53.9         54.0         -0.1         Horiz           M         +0.0         +0.5         X 802.11a         X 8												
Ave	57		24.7			+1.4	+38.0	+0.0	41.7	54.0	-12.3	Horiz
^ 15540.333				+0.0	+0.5					V 902 11a		
M			30 /	+117	-34.6	+1 /	+38.0	+0.0	56.4		+2.4	Horiz
Name			39.4			11.4	130.0	10.0	30.4	34.0	12.4	110112
M										Y_802.11a		
Color	^	15540.300	38.8	+11.7	-34.6	+1.4	+38.0	+0.0	55.8	54.0	+1.8	Horiz
^ 15540.367 M       36.9 +11.7 +0.0 +0.5       -34.6 +1.4 +38.0 +0.0       53.9 54.0 -0.1 Horiz         M       +0.0 +0.5 M       +0.0 +0.5 M       +1.1 +38.8 +0.0       53.9 54.0 -0.1 Horiz         X 802.11a       X 802.11a         61 11490.500 M Ave       +0.0 +0.4 M       +0.0 +0.4 M       X 802.11a         ^ 11490.500 M +0.0 +0.4 M       +0.0 +0.4 M       +0.0 +0.4 M       X 802.11a         ^ 11490.500 M +0.4 M       +0.0 +0.4 M       +0.0 +0.4 M       +0.0 +0.4 M       X 802.11a         ^ 11490.500 M +0.0 +0.4 M       +0.0 +0.4 M       +0.0 +0.4 M       X 802.11a       X 802.11a         65 11490.500 M +0.0 +0.4 M       +0.0 +0.4 M       +0.0 +0.4 M       X 802.11a       X 802.11a         ^ 11490.500 M +0.0 +0.4 M       +0.0 +0.4 M       +0.0 +0.4 M       X 802.11a       X 802.11a         ^ 11490.500 M +0.0 +0.4 M       +0.0 +0.4 M       +1.1 +38.8 +0.0 M       59.9 54.0 +5.9 M       Yert M         M       +0.0 +0.4 M       +0.0 +0.4 M       X 802.11a       X 802.11a         ^ 11490.500 M +0.0 H       +0.0 +0.4 M       +0.0 +0.4 M       X 802.11a       X 802.11a         ^ 11490.500 M +0.0 H       +0.0 +0.4 M       +0.0 +0.4 M       X 802.11a       X 802.11a         ^ 11490.500 M +0.0 H       +0.0 +0.4 M       +0.0 +0.4 M<		M		+0.0	+0.5							
M		15540 267	26.0	. 11.7	24.6	.1.4	120.0	+0.0	52.0		0.1	тт .
Name			36.9			+1.4	+38.0	+0.0	53.9	54.0	-0.1	Horiz
61 11490.500		IVI		10.0	10.5					X 802 11a		
M       +0.0       +0.0       +0.4       X_802.11a         Ave       X_802.11a         ^ 11490.500       46.5       +9.6       -35.9       +1.1       +38.8       +0.0       58.9       54.0       +4.9       Horiz         A 11490.500       44.9       +9.6       -35.9       +1.1       +38.8       +0.0       58.9       54.0       +4.9       Horiz         A 11490.500       39.4       +9.6       -35.9       +1.1       +38.8       +0.0       53.4       54.0       -0.6       Horiz         M       +0.0       +0.4       X       802.11a       X       802.11a         Ave       Z_802.11a       X       2802.11a       Y       Y       802.11a         A 11490.500       45.9       +9.6       -35.9       +1.1       +38.8       +0.0       59.9       54.0       +5.9       Vert         M       +0.0       +0.4       Y_802.11a       Y_802.11a       Y_802.11a       Y_802.11a         A 11490.500       44.0       +9.6       -35.9       +1.1       +38.8       +0.0       58.0       54.0       +4.0       Vert         M       +0.0 </td <td>61</td> <td>11490.500</td> <td>27.0</td> <td>+9.6</td> <td>-35.9</td> <td>+1.1</td> <td>+38.8</td> <td>+0.0</td> <td>41.0</td> <td></td> <td>-13.0</td> <td>Horiz</td>	61	11490.500	27.0	+9.6	-35.9	+1.1	+38.8	+0.0	41.0		-13.0	Horiz
^ 11490.500 M       46.5		M		+0.0	+0.4							
M +0.0 +0.4												
Name	^		46.5			+1.1	+38.8	+0.0	60.5	54.0	+6.5	Horiz
^ 11490.500       44.9       +9.6       -35.9       +1.1       +38.8       +0.0       58.9       54.0       +4.9       Horiz         M       +0.0       +0.4       Y 802.11a         ^ 11490.500       39.4       +9.6       -35.9       +1.1       +38.8       +0.0       53.4       54.0       -0.6       Horiz         M       +0.0       +0.4       X 802.11a       X 802.11a         65 11490.500       26.7       +9.6       -35.9       +1.1       +38.8       +0.0       40.7       54.0       -13.3       Vert         M       +0.0       +0.4       X 802.11a         ^ 11490.500       45.9       +9.6       -35.9       +1.1       +38.8       +0.0       59.9       54.0       +5.9       Vert         M       +0.0       +0.4       Y 802.11a         ^ 11490.500       44.0       +9.6       -35.9       +1.1       +38.8       +0.0       58.0       54.0       +4.0       Vert         M       +0.0       +0.4       X 802.11a       X 802.11a         ^ 11490.500       42.3       +9.6       -35.9       +1.1       +38.8       +0.0       56.3       54.0       +4.0       Vert <td></td> <td>M</td> <td></td> <td>+0.0</td> <td>+0.4</td> <td></td> <td></td> <td></td> <td></td> <td>7 802 11a</td> <td></td> <td></td>		M		+0.0	+0.4					7 802 11a		
M +0.0 +0.4	^	11490 500	44 9	+9.6	-35 9	+1 1	+38 8	+0.0	58.9		+4 9	Horiz
^ 11490.500 M       39.4 +9.6			11.5			1.1	750.0	.0.0	20.5	3 1.0		TIOTIE
M +0.0 +0.4										Y_802.11a		
X_802.11a   X_802.11a	^		39.4			+1.1	+38.8	+0.0	53.4	54.0	-0.6	Horiz
65 11490.500		M		+0.0	+0.4					V 000 11-		
M	65	11400 500	26.7	±0.6	25.0	⊥1 1	±20 0	±0.0	40.7		12.2	Vort
Ave Z_802.11a  ^ 11490.500			26.7			⊤1.1	±30.0	+0.0	40.7	34.0	-13.3	vert
^ 11490.500		11.2		. 0.0	0.1					Z 802.11a		
Y_802.11a  ^ 11490.500			45.9	+9.6	-35.9	+1.1	+38.8	+0.0	59.9		+5.9	Vert
^ 11490.500		M		+0.0	+0.4							
M +0.0 +0.4		11.106										
X_802.11a  ^ 11490.500	^		44.0			+1.1	+38.8	+0.0	58.0	54.0	+4.0	Vert
^ 11490.500		1 <b>V1</b>		±0.0	<b>⊤</b> 0.4					X 802 11a		
M +0.0 +0.4	^	11490 500	42.3	+9 6	-35 9	+1 1	+38 8	+0.0	56.3		+2.3	Vert
			.2.5			1.1	20.0	0.0	20.5	2 1.0	2.5	. 510
Z_802.11a										Z_802.11a		



	11530.000	25.4		-35.9	+1.1	+38.8	+0.0	39.4	54.0	-14.6	Horiz
	M Ave		+0.0	+0.4					X 802.11a		
	11530.000	43.3	+9.6	-35.9	+1.1	+38 8	+0.0	57.3		+3.3	Horiz
	M	45.5	+0.0	+0.4	' 1.1	130.0	10.0	31.3	34.0	13.3	110112
	111		. 0.0						Z 802.11a		
^	11530.000	41.7	+9.6	-35.9	+1.1	+38.8	+0.0	55.7		+1.7	Horiz
	M		+0.0	+0.4							
									Y_802.11a		
^	11530.000	38.5	+9.6	-35.9	+1.1	+38.8	+0.0	52.5	54.0	-1.5	Horiz
	M		+0.0	+0.4					37, 002, 11		
72	10260 122	<i>51.6</i>	10.0	26.2	+1.0	120.0	10.0	(2.5	X_802.11a	21.5	II
/3	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
	IVI		10.0	10.5					Z 802.11a		
74	10479.667	50.5	+8.9	-36.2	+1.0	+38.0	+0.0	62.5		-22.5	Horiz
, .	M	20.2	+0.0	+0.3	1.0	20.0	0.0	02.0	02.0		110112
									X_802.11a		
75	10400.600	50.1	+8.8	-36.2	+1.0	+38.0	+0.0	62.0	85.0	-23.0	Horiz
	M		+0.0	+0.3							
									X_802.11a		
76	10360.200	49.9	+8.8	-36.2	+1.0	+38.0	+0.0	61.8	85.0	-23.2	Horiz
	M		+0.0	+0.3					X 802.11a		
77	10360.330	49.7	+8.8	-36.2	+1.0	+38.0	+0.0	61.7		-23.3	Vert
, ,	M	٦٧.١	+0.4	+0.0	11.0	130.0	10.0	01.7	65.0	-23.3	VCIT
	111		0	0.0					X 802.11a		
78	10400.930	49.6	+8.8	-36.2	+1.0	+38.0	+0.0	61.5	85.0	-23.5	Horiz
	M		+0.0	+0.3							
									Z_802.11a		
79	17295.000	38.1	+12.5	-33.6	+1.5	+41.9	+0.0	60.7	85.0	-24.3	Vert
	M		+0.0	+0.3					V 002 11-		
90	17225 750	38.4	+12.5	-33.7	+1.5	+41.6	100	(0.6	X_802.11a 85.0	-24.4	Vant
80	17235.750 M	38.4	+12.5 +0.0	-33.7 +0.3	+1.5	+41.6	+0.0	00.0	85.0	-24.4	Vert
	IVI		10.0	10.5					X_802.11a		
81	10479.667	48.5	+8.9	-36.2	+1.0	+38.0	+0.0	60.5		-24.5	Vert
	M		+0.0				***				, , ,
									X_802.11a		
82	17295.000	37.8	+12.5	-33.6	+1.5	+41.9	+0.0	60.4	85.0	-24.6	Vert
	M		+0.0	+0.3							
		a = ·		• • •					Y_802.11a	•	
83		37.4	+12.5	-33.6	+1.5	+41.9	+0.0	60.0	85.0	-25.0	Vert
	M		+0.0	+0.3					Z 802.11a		
84	17295.000	37.3	+12.5	-33.6	+1.5	+41.9	+0.0	59.9	85.0	-25.1	Horiz
04	17293.000 M	31.3	+0.0	+0.3	1.3	171.7	10.0	33.3	0.5.0	-43.1	TIUTIZ
	-· <del>-</del>		0.0	···					X 802.11a		
85	10479.667	47.7	+8.9	-36.2	+1.0	+38.0	+0.0	59.7	85.0	-25.3	Vert
	M		+0.0	+0.3							
									Z_802.11a		

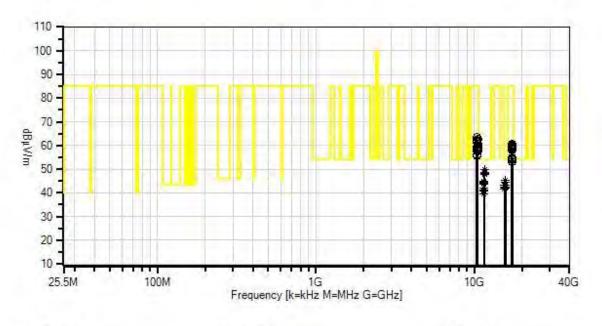


86	17295.000	36.9	+12.5	-33.6	+1.5	+41.9	+0.0	59.5	85.0	-25.5	Horiz
	M		+0.0	+0.3					Z 802.11a		
87	17235.750	37.0	+12.5	-33.7	+1.5	+41.6	+0.0	59.2	_	-25.8	Vert
07	M	37.0	+0.0	+0.3	11.5	141.0	10.0	39.2	83.0	-23.6	VCIT
			0.0	0.5					Z 802.11a		
88	10360.500	47.3	+8.8	-36.2	+1.0	+38.0	+0.0	59.2	_	-25.8	Horiz
	M		+0.0	+0.3							
									Y_802.11a		
89	10479.667	47.2	+8.9	-36.2	+1.0	+38.0	+0.0	59.2	85.0	-25.8	Vert
	M		+0.0	+0.3					Y_802.11a		
90	10400.933	47.2	+8.8	-36.2	±1.0	+38.0	±0.0	59.1		-25.9	Vert
70	M	47.2	+0.0	+0.3	11.0	130.0	10.0	39.1	83.0	-23.9	VCIT
	111		. 0.0	. 0.5					X_802.11a		
91	17235.750	36.7	+12.5	-33.7	+1.5	+41.6	+0.0	58.9		-26.1	Horiz
	M		+0.0	+0.3							
									Z_802.11a		
92	10360.133	46.8	+8.8	-36.2	+1.0	+38.0	+0.0	58.7	85.0	-26.3	Vert
	M		+0.0	+0.3					7 902 110		
02	17295.000	35.9	+12.5	-33.6	<b>⊥1</b> 5	+41.9	±0.0	59.5	Z_802.11a 85.0	-26.5	Horiz
93	M	33.9	+0.0	+0.3	11.3	141.7	10.0	36.3	83.0	-20.3	110112
	111		. 0.0	. 0.5					Y 802.11a		
94	17235.750	36.1	+12.5	-33.7	+1.5	+41.6	+0.0	58.3		-26.7	Horiz
	M		+0.0	+0.3							
									Y_802.11a		
95	17235.750	36.1	+12.5	-33.7	+1.5	+41.6	+0.0	58.3	85.0	-26.7	Vert
	M		+0.0	+0.3					V 902 11a		
96	17235.750	35.9	+12.5	-33.7	+1.5	+41.6	+0.0	58.1	Y_802.11a 85.0	-26.9	Horiz
	M	33.7	+0.0	+0.3	1.3	141.0	10.0	30.1	05.0	20.7	110112
									X_802.11a		
97	10479.667	45.9	+8.9	-36.2	+1.0	+38.0	+0.0	57.9	85.0	-27.1	Horiz
	M		+0.0	+0.3							
									Y_802.11a		
98	10400.933	45.9		-36.2		+38.0	+0.0	57.8	85.0	-27.2	Horiz
	M		+0.0	+0.3					Y 802.11a		
QQ	10479.667	45.6	+8.9	-36.2	+1.0	+38.0	+0.0	57.6	85.0	-27.4	Horiz
	M	₹3.0	+0.0	+0.3	1.0	. 50.0	. 0.0	57.0	05.0	27.7	110112
	=:=								Z_802.11a		
100		44.1	+8.8	-36.2	+1.0	+38.0	+0.0	56.0	85.0	-29.0	Vert
	M		+0.0	+0.3							
	10000	,							Z_802.11a	• • •	
101	10360.167	43.6	+8.8	-36.2	+1.0	+38.0	+0.0	55.5	85.0	-29.5	Vert
	M		+0.0	+0.3					Y 802.11a		
102	10400.933	43.6	+8.8	-36.2	+1.0	+38.0	+0.0	55.5	85.0	-29.5	Vert
102	M	₹3.0	+0.0	+0.3	1.0	. 50.0	. 0.0	55.5	05.0	27.5	V 011
	=:=								Y_802.11a		
									_		



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



○ 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 #:90303Date:3/1/2010Test Type:Radiated ScanTime:10:50:45Equipment:Wireless 802.11a/b/g SD Card RadioSequence#:53Manufacturer:Silex Technology America, Inc.Tested By:E. Wong

Model: SX-SDCAG

S/N: ED

#### Test Equipment:

1 cst 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	Silex Technology America,	SX-SDCAG	ED
Card Radio*	Inc.		

Support Devices:

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

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## 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), 13.2 dBm (0.0209W), 13.3 dBm (0.0214), 12.6 dBm (0.0182), 12.6 dBm (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

Measu	rement Data:	Re	eading list	ted by ma	ırgin.		Тє	est Distance	e: 3 Meters		
#	Freq	Rdng	T1	T2	T3	T4	Dist	Corr	Spec	Margin	Polar
			T5	T6							
	MHz	$dB\mu V$	dB	dB	dB	dB	Table	$dB\mu V/m$	$dB\mu V/m$	dB	Ant
1	10360.133	51.6	+8.8	-36.2	+1.0	+38.0	+0.0	63.5	72.3	-8.8	Horiz
	M		+0.0	+0.3							
									Z_802.11a		
2	10479.667	50.5	+8.9	-36.2	+1.0	+38.0	+0.0	62.5	72.3	-9.8	Horiz
	M		+0.0	+0.3							
									X_802.11a		
3	10400.600	50.1	+8.8	-36.2	+1.0	+38.0	+0.0	62.0	72.3	-10.3	Horiz
	M		+0.0	+0.3							
									X_802.11a		

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4	10360.200	49.9		-36.2	+1.0	+38.0	+0.0	61.8	72.3	-10.5	Horiz
	M		+0.0	+0.3					V 002 11-		
- 5	10360.330	49.7	+8.8	-36.2	+1.0	+38.0	+0.0	61.7	X_802.11a 72.3	-10.6	Vert
3	10300.330 M	49.7	+8.8 +0.4	+0.0	+1.0	±38.0	+0.0	01.7	12.3	-10.6	vert
	141		. 0. 1	. 0.0					X 802.11a		
6	10400.930	49.6	+8.8	-36.2	+1.0	+38.0	+0.0	61.5	_	-10.8	Horiz
	M		+0.0	+0.3							
									Z_802.11a		
7	17295.000	38.1	+12.5	-33.6	+1.5	+41.9	+0.0	60.7	72.3	-11.6	Vert
	M		+0.0	+0.3					X 802.11a		
Q	17235.750	38.4	+12.5	-33.7	+1.5	+41.6	+0.0	60.6		-11.7	Vert
8	M	30.4	+0.0	+0.3	11.5	141.0	10.0	00.0	12.3	-11./	VCIT
									X 802.11a		
9	10479.667	48.5	+8.9	-36.2	+1.0	+38.0	+0.0	60.5		-11.8	Vert
	M		+0.0	+0.3							
									X_802.11a		
10	17295.000	37.8	+12.5	-33.6	+1.5	+41.9	+0.0	60.4	72.3	-11.9	Vert
	M		+0.0	+0.3					Y 802.11a		
11	17294.920	37.4	+12.5	-33.6	+1.5	+41.9	+0.0	60.0	72.3	-12.3	Vert
11	M	37.4	+0.0	+0.3	11.5	141.7	10.0	00.0	12.3	-12.3	VCIT
									Z 802.11a		
12	17295.000	37.3	+12.5	-33.6	+1.5	+41.9	+0.0	59.9	72.3	-12.4	Horiz
	M		+0.0	+0.3							
									X_802.11a		
13	10479.667	47.7	+8.9	-36.2	+1.0	+38.0	+0.0	59.7	72.3	-12.6	Vert
	M		+0.0	+0.3					Z 802.11a		
14	17295.000	36.9	+12.5	-33.6	+1.5	+41.9	+0.0	59.5	72.3	-12.8	Horiz
	M	20.5	+0.0	+0.3	1.0	,	0.0	07.0	, 2.5	12.0	110112
									Z_802.11a		
15	10479.667	47.2	+8.9	-36.2	+1.0	+38.0	+0.0	59.2	72.3	-13.1	Vert
	M		+0.0	+0.3							
1.6	17225 750	27.0	. 10. 7	22.7	.1.7	+ 41. 6	+0.0	50.2	Y_802.11a	12.1	<b>T</b> 7 4
	17235.750 M		+12.5 +0.0		+1.5	+41.6	+0.0	59.2	72.3	-13.1	Vert
	1 <b>V1</b>		10.0	10.3					Z_802.11a		
17	10360.500	47.3	+8.8	-36.2	+1.0	+38.0	+0.0	59.2	72.3	-13.1	Horiz
1	M	. ,	+0.0	+0.3	1.0	20.0	0.0	۵۶.2	, 2.5	10.1	110112
									Y_802.11a		
18	10400.933	47.2	+8.8	-36.2	+1.0	+38.0	+0.0	59.1	72.3	-13.2	Vert
	M		+0.0	+0.3					W 002 11		
10	17007.750	26.7	110.5	22.7	.1.7	+ 41 - 6	100	50.0	X_802.11a	12.4	тт .
19	17235.750 M	36.7	+12.5	-33.7 +0.3	+1.5	+41.6	+0.0	58.9	72.3	-13.4	Horiz
	M		+0.0	+0.3					Z 802.11a		
20	10360.133	46.8	+8.8	-36.2	+1.0	+38.0	+0.0	58.7	72.3	-13.6	Vert
20	M	10.0	+0.0	+0.3	. 1.0	50.0	. 0.0	50.7	14.3	15.0	, 011
									Z_802.11a		
•											



21	17295.000	35.9		-33.6	+1.5	+41.9	+0.0	58.5	72.3	-13.8	Horiz
	M		+0.0	+0.3					Y 802.11a		
22	17235.750	36.1	+12.5	-33.7	+1.5	+41.6	+0.0	58.3		-14.0	Vert
	M		+0.0	+0.3					Y 802.11a		
23	17235.750	36.1	+12.5	-33.7	+1.5	+41.6	+0.0	58.3		-14.0	Horiz
	M		+0.0	+0.3					V 902 11a		
24	17235.750	35.9	+12.5	-33.7	+1.5	+41.6	+0.0	58.1	Y_802.11a 72.3	-14.2	Horiz
	M		+0.0	+0.3					Tr. 000 11		
25	10470 (67	45.0	+0.0	26.2	+1.0	+38.0	+0.0	57.9	X_802.11a	1.4.4	
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
	141		10.0	10.5					Y_802.11a		
26	10400.933	45.9	+8.8	-36.2	+1.0	+38.0	+0.0	57.8	72.3	-14.5	Horiz
	M		+0.0	+0.3					Y 802.11a		
27	10479.667	45.6	+8.9	-36.2	+1.0	+38.0	+0.0	57.6	72.3	-14.7	Horiz
	M		+0.0	+0.3							
									Z_802.11a		
28	10400.930	44.1	+8.8	-36.2	+1.0	+38.0	+0.0	56.0	72.3	-16.3	Vert
	M		+0.0	+0.3					Z 802.11a		
29	10400.933	43.6	+8.8	-36.2	+1.0	+38.0	+0.0	55.5	72.3	-16.8	Vert
	M		+0.0	+0.3							
20	10260 167	12.6	. 0. 0	262	.10	. 20. 0			Y_802.11a	160	¥7.
30	10360.167 M	43.6	$+8.8 \\ +0.0$	-36.2 +0.3	+1.0	+38.0	+0.0	33.3	72.3	-16.8	Vert
	111		. 0.0	. 0.5					Y_802.11a		
31	17416.140	31.7	+12.5	-33.6	+1.5	+42.4	+0.0	54.9	72.3	-17.4	Horiz
	M		+0.0	+0.4					V 002 11a		
32	17413.600	31.1	+12.5	-33.6	+1.5	+42.4	+0.0	5/1/3	Y_802.11a 72.3	-18.0	Vert
32	M	31.1	+0.0	+0.4	11.3	142.4	10.0	34.3	12.3	-10.0	VCIt
									Z_802.11a		
	17416.140		+12.5		+1.5	+42.4	+0.0	54.2	72.3	-18.1	Horiz
	M		+0.0	+0.4					X 802.11a		
34	17416.140	30.9	+12.5	-33.6	+1.5	+42.4	+0.0	54.1	72.3	-18.2	Vert
	M		+0.0	+0.4							
2.5	15/12 560	20.0	. 10.5	22.6	.1.5	. 12 1		5.4.1	X_802.11a	10.2	<b>37</b> /
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
	141		. 0.0	, ∪. ¬					Y_802.11a		
36	17420.250	29.9	+12.5	-33.6	+1.5	+42.4	+0.0	53.1	72.3	-19.2	Horiz
	M		+0.0	+0.4					7 002 11		
									Z_802.11a		



37 11611.340	35.7	+9.6	-35.9	+1.1	+38.8	+0.0	49.7	72.3	-22.6	Vert
M		+0.0	+0.4							
Ave	40.1	10.6	25.0	.1.1	+20.0	+0.0	(2.1	X_802.11a	10.2	3.7 4
^ 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
141		10.0	10.4					X 802.11a		
39 11615.450	34.7	+9.6	-35.9	+1.1	+38.8	+0.0		_	-23.6	Horiz
M		+0.0	+0.4							
Ave	49.2	10.6	-35.9	.1.1	+38.8	+0.0	(2.2	Z_802.11a	0.1	TT
^ 11615.450 M	49.2	+9.6 +0.0	-33.9 +0.4	+1.1	+38.8	+0.0	63.2	72.3	-9.1	Horiz
141		10.0	10.4					Z 802.11a		
41 11611.340	34.6	+9.6	-35.9	+1.1	+38.8	+0.0	48.6	72.3	-23.7	Horiz
M		+0.0	+0.4							
Ave 11(00.7(0)	241	10.6	25.0	. 1 1	.20.0	. 0. 0		Y_802.11a	242	X7
42 11608.760 M	34.1	+9.6 +0.0	-35.9 +0.4	+1.1	+38.8	+0.0	48.1	72.3	-24.2	Vert
Ave		10.0	10.4					Y 802.11a		
	45.7	+9.6	-35.9	+1.1	+38.8	+0.0		72.3	-12.6	Vert
M		+0.0	+0.4							
11 11 (10 700	•••	0.5			•			Y_802.11a		
44 11610.500 M	33.9	+9.6 +0.0	-35.9 +0.4	+1.1	+38.8	+0.0	47.9	72.3	-24.4	Vert
Ave		10.0	10.4					Z_802.11a		
^ 11610.500	46.9	+9.6	-35.9	+1.1	+38.8	+0.0	60.9	72.3	-11.4	Vert
M		+0.0	+0.4							
46 11611 240	22.0	.0.6	25.0		.20.0		45.0	Z_802.11a		
46 11611.340 M	33.9	+9.6 +0.0	-35.9 +0.4	+1.1	+38.8	+0.0	47.9	72.3	-24.4	Horiz
Ave		10.0	10.4					X 802.11a		
^ 11611.340	47.6	+9.6	-35.9	+1.1	+38.8	+0.0	61.6	72.3	-10.7	Horiz
M		+0.0	+0.4							
11(11.240	46.0	.0.6	25.0		.20.0		60.0	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
1V1		10.0	10.4					X_802.11a		
49 15601.400	28.0	+11.8	-34.6	+1.4	+38.0	+0.0	45.1		-27.2	Vert
M		+0.0								
Ave		0.5			•			Z_802.11a		
50 11530.000 M	30.7	+9.6	-35.9 +0.4	+1.1	+38.8	+0.0	44.7	72.3	-27.6	Vert
Ave		+0.0	±0.4					Y 802.11a		
51 15601.400	27.4	+11.8	-34.6	+1.4	+38.0	+0.0	44.5	72.3	-27.8	Horiz
M		+0.0	+0.5							
Ave								Y_802.11a	•	
52 11530.000	30.5	+9.6	-35.9	+1.1	+38.8	+0.0	44.5	72.3	-27.8	Vert
M Ave		+0.0	+0.4					Z 802.11a		
53 11490.500	30.3	+9.6	-35.9	+1.1	+38.8	+0.0	44.3	72.3	-28.0	Vert
M		+0.0	+0.4					. = - 2		, <del>•</del>
Ave								Y_802.11a		



54	11490.500	30.1	+9.6	-35.9	+1.1	+38.8	+0.0	44.1	72.3	-28.2	Horiz
	M		+0.0	+0.4							
	Ave								Z_802.11a		
55	11490.500	30.0	+9.6	-35.9	+1.1	+38.8	+0.0	44.0	72.3	-28.3	Horiz
	M		+0.0	+0.4							
	Ave								Y_802.11a		
56	11530.000	30.0	+9.6	-35.9	+1.1	+38.8	+0.0	44.0	72.3	-28.3	Horiz
	M		+0.0	+0.4							
	Ave								Y_802.11a		
	11530.000	29.6	+9.6	-35.9	+1.1	+38.8	+0.0	43.6	72.3	-28.7	Horiz
	M		+0.0	+0.4							
	Ave								Z_802.11a		
	15540.293	26.4	+11.7	-34.6	+1.4	+38.0	+0.0	43.4	72.3	-28.9	Horiz
	M		+0.0	+0.5					7 000 11		
	Ave	26.2	111.0	24.6	, 1 4	120.0	.0.0	42.2	Z_802.11a	20.0	TT .
59	15601.400	26.2	+11.8	-34.6	+1.4	+38.0	+0.0	43.3	72.3	-29.0	Horiz
	M		+0.0	+0.5					7 000 11.		
	Ave	26.1	. 11.7	24.6	. 1 . 4	120.0		42.1	Z_802.11a	20.2	3.7
	15540.333	26.1	+11.7 +0.0	-34.6 +0.5	+1.4	+38.0	+0.0	43.1	72.3	-29.2	Vert
	M Ave		+0.0	+0.3					Y 802.11a		
	15540.333	25.4	+11.7	-34.6	+1.4	+38.0	+0.0	12.4	72.3	-29.9	Horiz
01	13340.333 M	23.4	+0.0	+0.5	⊤1. <del>4</del>	±36.0	±0.0	42.4	12.3	-29.9	ПОПЕ
	Ave		10.0	10.5					Y 802.11a		
	15540.333	25.3	+11.7	-34.6	+1.4	+38.0	+0.0	42.3		-30.0	Vert
02	M	23.3	+0.0	+0.5	. 1.4	130.0	10.0	72.5	12.5	30.0	VOIT
	Ave		. 0.0	. 0.5					X 802.11a		
	15601.400	25.2	+11.8	-34.6	+1.4	+38.0	+0.0	42.3	_	-30.0	Vert
	M	_0	+0.0	+0.5		20.0	0.0		7=.5	20.0	, 610
	Ave								X 802.11a		
	15601.400	25.1	+11.8	-34.6	+1.4	+38.0	+0.0	42.2	72.3	-30.1	Vert
	M		+0.0	+0.5							
	Ave								Y_802.11a		
^	15601.400	40.1	+11.8	-34.6	+1.4	+38.0	+0.0	57.2	72.3	-15.1	Vert
	M		+0.0	+0.5							
									Z_802.11a		
^	15601.400	39.0	+11.8	-34.6	+1.4	+38.0	+0.0	56.1	72.3	-16.2	Vert
	M		+0.0	+0.5							
									Y_802.11a		
^	15601.400	38.4		-34.6	+1.4	+38.0	+0.0	55.5	72.3	-16.8	Vert
	M		+0.0	+0.5							
									X_802.11a		



68 15540.300	25.2	+11.7	-34.6	+1.4	+38.0	+0.0	42.2	72.3	-30.1	Vert
M		+0.0	+0.5							
Ave								Z_802.11a		
^ 15540.333	40.9	+11.7	-34.6	+1.4	+38.0	+0.0	57.9	72.3	-14.4	Vert
M		+0.0	+0.5							
								Y_802.11a		
^ 15540.300	37.8	+11.7	-34.6	+1.4	+38.0	+0.0	54.8	72.3	-17.5	Vert
M		+0.0	+0.5							
								Z_802.11a		
^ 15540.333	35.3	+11.7	-34.6	+1.4	+38.0	+0.0	52.3	72.3	-20.0	Vert
M		+0.0	+0.5							
								X_802.11a		
72 15719.333	24.8	+11.8	-34.4	+1.4	+38.0	+0.0	42.1	72.3	-30.2	Vert
M		+0.0	+0.5							
Ave								X_802.11a		
73 15601.400	25.0	+11.8	-34.6	+1.4	+38.0	+0.0	42.1	72.3	-30.2	Horiz
M		+0.0	+0.5							
Ave								X_802.11a		
^ 15601.400	40.8	+11.8	-34.6	+1.4	+38.0	+0.0	57.9	72.3	-14.4	Horiz
M		+0.0	+0.5							
								Y_802.11a		
^ 15601.400	38.4	+11.8	-34.6	+1.4	+38.0	+0.0	55.5	72.3	-16.8	Horiz
M		+0.0	+0.5							
								Z_802.11a		
^ 15601.400	37.4	+11.8	-34.6	+1.4	+38.0	+0.0	54.5	72.3	-17.8	Horiz
M		+0.0	+0.5							
								X_802.11a		
77 11490.500	28.1	+9.6	-35.9	+1.1	+38.8	+0.0	42.1	72.3	-30.2	Vert
M		+0.0	+0.4							
Ave								X_802.11a		
78 15719.333	24.7	+11.8	-34.4	+1.4	+38.0	+0.0	42.0	72.3	-30.3	Vert
M		+0.0	+0.5							
Ave								Z_802.11a		
79 15719.333	24.7	+11.8	-34.4	+1.4	+38.0	+0.0	42.0	72.3	-30.3	Vert
M		+0.0	+0.5							
Ave								Y_802.11a		
^ 15719.333	38.1	+11.8	-34.4	+1.4	+38.0	+0.0	55.4	72.3	-16.9	Vert
M		+0.0	+0.5							
								Y 802.11a		
^ 15719.333	37.5	+11.8	-34.4	+1.4	+38.0	+0.0	54.8	72.3	-17.5	Vert
M		+0.0	+0.5							
								X 802.11a		
^ 15719.333	37.4	+11.8	-34.4	+1.4	+38.0	+0.0	54.7	72.3	-17.6	Vert
M		+0.0	+0.5							
								Z 802.11a		
83 15719.333	24.7	+11.8	-34.4	+1.4	+38.0	+0.0	42.0	72.3	-30.3	Horiz
M	/	+0.0	+0.5					, =		
Ave								X 802.11a		
84 15719.333	24.7	+11.8	-34.4	+1.4	+38.0	+0.0	42.0	72.3	-30.3	Horiz
M		+0.0	+0.5	1	20.0	0.0	.2.0	. =.5	2 3.5	110112
Ave		. 0.0						Z 802.11a		
11,0								002.114		



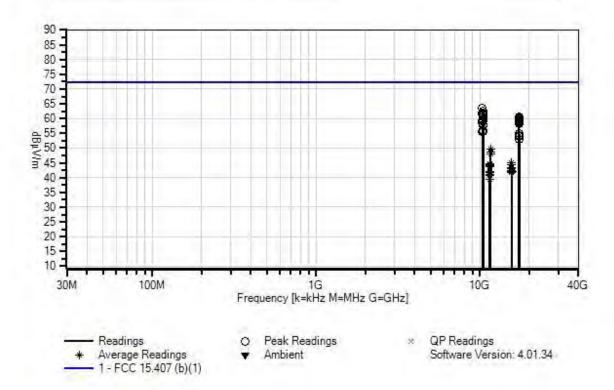
85	15719.333	24.6		-34.4	+1.4	+38.0	+0.0	41.9	72.3	-30.4	Horiz
	M Ave		+0.0	+0.5					Y 802.11a		
	15719.333	39.6	+11.8	-34.4	+1.4	+38.0	+0.0	56.9		-15.4	Horiz
	M		+0.0	+0.5							
	15710 222	27.4	.11.0	24.4	. 1 . 4	+20.0	+0.0	547	Z_802.11a	17.6	
/	15719.333 M	37.4	+11.8 +0.0	-34.4 +0.5	+1.4	+38.0	+0.0	54.7	72.3	-17.6	Horiz
	1 <b>V1</b>		10.0	10.5					X 802.11a		
^	15719.333	36.8	+11.8	-34.4	+1.4	+38.0	+0.0	54.1	X_802.11a 72.3	-18.2	Horiz
	M		+0.0	+0.5							
									Y_802.11a		
89	11530.000 M	27.9	+9.6	-35.9	+1.1	+38.8	+0.0	41.9	72.3	-30.4	Vert
	Ave		+0.0	+0.4					X 802.11a		
	11530.000	44.2	+9.6	-35.9	+1.1	+38.8	+0.0	58.2	72.3	-14.1	Vert
	M		+0.0	+0.4							
									Z_802.11a		
^	11530.000	43.8	+9.6	-35.9	+1.1	+38.8	+0.0	57.8	72.3	-14.5	Vert
	M		+0.0	+0.4					V 902 11a		
^	11530.000	42.0	+9.6	-35.9	+1.1	+38.8	+0.0	56.0	Y_802.11a 72.3	-16.3	Vert
	M	42.0	+0.0	+0.4	' 1.1	130.0	10.0	30.0	12.3	-10.5	VCIT
									X_802.11a		
93	15540.333	24.7	+11.7	-34.6	+1.4	+38.0	+0.0	41.7	72.3	-30.6	Horiz
	. M		+0.0	+0.5					00 <b>-</b>		
	Ave 15540, 222	20.4	. 1 1 . 7	24.6	.1.4	+20.0	+0.0	5.6.4	X_802.11a	15.0	тт .
	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
	141		10.0	10.5					Y 802.11a		
^	15540.300	38.8	+11.7	-34.6	+1.4	+38.0	+0.0	55.8		-16.5	Horiz
	M		+0.0	+0.5							
									Z_802.11a		
^	15540.367	36.9	+11.7	-34.6	+1.4	+38.0	+0.0	53.9	72.3	-18.4	Horiz
	M		+0.0	+0.5					X 802.11a		
97	11490.500	27.0	+9.6	-35.9	+1.1	+38.8	+0.0	41.0		-31.3	Horiz
,	M	27.0		+0.4		20.0	0.0		,	51.5	110112
	Ave								X_802.11a		
^	11490.500	46.5	+9.6	-35.9	+1.1	+38.8	+0.0	60.5	72.3	-11.8	Horiz
	M		+0.0	+0.4					7 002 11		
^	11490.500	44.9	+9.6	-35.9	+1.1	+38.8	+0.0	58.9	Z_802.11a 72.3	-13.4	Horiz
	M	74.7	+0.0	+0.4	1.1	130.0	10.0	30.7	14.3	-13.4	110112
	-								Y_802.11a		
٨	11490.500	39.4	+9.6	-35.9	+1.1	+38.8	+0.0	53.4	72.3	-18.9	Horiz
	M		+0.0	+0.4					TT 000 11		
									X_802.11a		



101 11490.500	26.7	+9.6	-35.9	+1.1	+38.8	+0.0	40.7	72.3	-31.6	Vert
M		+0.0	+0.4							
Ave								Z_802.11a		
^ 11490.500	45.9	+9.6	-35.9	+1.1	+38.8	+0.0	59.9	72.3	-12.4	Vert
M		+0.0	+0.4							
								Y_802.11a		
^ 11490.500	44.0	+9.6	-35.9	+1.1	+38.8	+0.0	58.0	72.3	-14.3	Vert
M		+0.0	+0.4							
								X_802.11a		
^ 11490.500	42.3	+9.6	-35.9	+1.1	+38.8	+0.0	56.3	72.3	-16.0	Vert
M		+0.0	+0.4							
								Z_802.11a		
105 11530.000	25.4	+9.6	-35.9	+1.1	+38.8	+0.0	39.4	72.3	-32.9	Horiz
M		+0.0	+0.4							
Ave								X_802.11a		
^ 11530.000	43.3	+9.6	-35.9	+1.1	+38.8	+0.0	57.3	72.3	-15.0	Horiz
M		+0.0	+0.4							
								Z_802.11a		
^ 11530.000	41.7	+9.6	-35.9	+1.1	+38.8	+0.0	55.7	72.3	-16.6	Horiz
M		+0.0	+0.4							
								Y_802.11a		
^ 11530.000	38.5	+9.6	-35.9	+1.1	+38.8	+0.0	52.5	72.3	-19.8	Horiz
M		+0.0	+0.4							
								X 802.11a		
L								_		



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





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:

E. ation	C/NI	Calibration Data	Cal Dua Data	A ~~~ 4 H
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	1012	11/12/2008	11/12/2010	02045
Antenna				

Equipment Under Test (\* = EUT):

Equipment Citati Test (	- <b>2</b> 0 <b>1</b> )•		
Function	Manufacturer	Model #	S/N
Wireless 802.11a/b/g SD	Silex Technology America,	SX-SDCAG	E1
Card Radio*	Inc.		

Support Devices:

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

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# 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), 13.2 dBm (0.0209W), 13.3 dBm (0.0214), 12.6 dBm (0.0182), 12.6 dBm (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

Me	easu	rement Data:	Re	eading lis	ted by ma	argin.		Τe	est Distance	e: 3 Meters		
	#	Freq	Rdng	T1	T2	T3	T4	Dist	Corr	Spec	Margin	Polar
				T5	T6	T7	T8					
				T9	T10	T11						
		MHz	$dB\mu V$	dB	dB	dB	dB	Table	$dB\mu V/m$	$dB\mu V/m$	dB	Ant
	1	23063.333	49.3	+0.0	+0.0	+0.0	+0.0	+0.0	58.3	71.7	-13.4	Vert
		M		+0.0	+0.0	-32.4	+1.7					
				+0.0	+39.7	+0.0						
	2	11611.500	39.7	+0.0	+0.0	+0.0	+0.0	+0.0	53.7	71.7	-18.0	Horiz
		M		+0.0	+9.6	-35.9	+1.1					
		Ave		+38.8	+0.0	+0.4				Z_802.11a	_5805M	
										Hz		

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	11611 500	71.0						(7.0	71.7	7.0	
^	11011.500	51.9	$+0.0 \\ +0.0$	+0.0	+0.0	+0.0	+0.0	65.9	71.7	-5.8	Horiz
	M		+38.8	+9.6 +0.0	-35.9 +0.4	+1.1			7 902 110	5905NA	
			±36.6	±0.0	±0.4				Z_802.11a_ Hz	3803WI	
4	11529.417	39.5	+0.0	+0.0	+0.0	+0.0	+0.0	53.5	71.7	-18.2	Vert
	M	37.3	+0.0	+9.6	-35.9	+1.1	10.0	33.3	/1./	10.2	VOIT
	Ave		+38.8	+0.0	+0.4	. 1.1			Y_802.11a_	5765M	
									Hz	-	
5	11491.333	39.3	+0.0	+0.0	+0.0	+0.0	+0.0	53.3	71.7	-18.4	Horiz
	M		+0.0	+9.6	-35.9	+1.1					
	Ave		+38.8	+0.0	+0.4				Z_802.11a_	5745M	
									Hz . power	16, 10	
									dB pad		
^	11 171.555	52.8	+0.0	+0.0	+0.0	+0.0	+0.0	66.8	71.7	-4.9	Horiz
	M		+0.0	+9.6	-35.9	+1.1					
			+38.8	+0.0	+0.4				Z_802.11a_		
									Hz . power	16, 10	
	17225 000	10.2	+0.0	100	100	100	0.5	52.0	dB pad	10.0	TT '
/	17235.000 M	40.2	$+0.0 \\ +0.0$	+0.0 +12.5	+0.0 -33.7	+0.0 +1.5	-9.5	52.9	71.7	-18.8	Horiz
	Ave		+41.6	+0.0	+0.3	⊤1.3			X 802.11a	5745M	
	Ave		141.0	10.0	10.3				Hz	3/43IVI	
8	11490.000	38.7	+0.0	+0.0	+0.0	+0.0	+0.0	52.7	71.7	-19.0	Vert
	M	30.7	+0.0	+9.6	-35.9	+1.1	.0.0	32.7	, 1.,	17.0	, 611
	Ave		+38.8	+0.0	+0.4				Y_802.11a_	5745M	
									Hz	-	
9	17289.000	39.7	+0.0	+0.0	+0.0	+0.0	-9.5	52.7	71.7	-19.0	Horiz
	M		+0.0	+12.5	-33.6	+1.5					
	Ave		+41.8	+0.0	+0.3				X_802.11a_	5765M	
									Hz		
^	1/207.000	54.1	+0.0	+0.0	+0.0	+0.0	-9.5	67.1	71.7	-4.6	Horiz
	M		+0.0	+12.5	-33.6	+1.5					
			+41.8	+0.0	+0.3				X_802.11a_	_5765M	
1.	11710 777	20.5	10.0	10.0	10.0	100	.0.0		Hz	10.2	
11		38.5	+0.0	+0.0	+0.0	+0.0	+0.0	52.5	71.7	-19.2	Horiz
	M		+0.0	+9.6	-35.9	+1.1			X 5805MH	_	
^	Ave 11610.667	51 1	+38.8	+0.0	+0.4	±0.0	±0.0	65 1	71.7		Horiz
	M	51.1	+0.0 +0.0	+0.0 +9.6	+0.0 -35.9	+0.0 +1.1	+0.0	65.1	/1./	-6.6	Horiz
	1 <b>V1</b>		+38.8	+0.0	+0.4	1.1			X 5805MH	7	
13	11528.333	38.3	+0.0	+0.0	+0.0	+0.0	+0.0	52.3	71.7	-19.4	Horiz
13	M	50.5	+0.0	+9.6	-35.9	+1.1	. 0.0	22.3	/ 1./	17.7	110112
	Ave		+38.8	+0.0	+0.4	. 1.1			Z_802.11a_	5765M	
			20.0	0.0	J				Hz		
^	11528.333	50.7	+0.0	+0.0	+0.0	+0.0	+0.0	64.7	71.7	-7.0	Horiz
	M		+0.0	+9.6	-35.9	+1.1					
			+38.8	+0.0	+0.4				Z_802.11a_	5765M	
									Hz		
15	17411.333	37.9	+0.0	+0.0	+0.0	+0.0	-9.5	51.6	71.7	-20.1	Horiz
1	M		+0.0	+12.5	-33.6	+1.5					
	Ave		+42.4	+0.0	+0.4	11.3			X 5805MH		



^	17411.333	53.4	+0.0	+0.0	+0.0	+0.0	-9.5	67.1	71.7 -4.6	Horiz
	M		+0.0	+12.5	-33.6	+1.5				
			+42.4	+0.0	+0.4				X_5805MHz	
17	11612.330	37.3	+0.0	+0.0	+0.0	+0.0	+0.0	51.3	71.7 -20.4	Vert
	M		+0.0	+9.6	-35.9	+1.1				
	Ave		+38.8	+0.0	+0.4				Y-	
									802.11a_5805MHz	
^	11612.330	49.4	+0.0	+0.0	+0.0	+0.0	+0.0	63.4	71.7 -8.3	Vert
	M		+0.0	+9.6	-35.9	+1.1				
			+38.8	+0.0	+0.4				Y-	
									802.11a_5805MHz	
19	17283.333	38.3	+0.0	+0.0	+0.0	+0.0	-9.5	51.3	71.7 -20.4	Horiz
	M		+0.0	+12.5	-33.6	+1.5				
	Ave		+41.8	+0.0	+0.3				Z_802.11a_5765M	
									Hz	
^	17283.333	52.6	+0.0	+0.0	+0.0	+0.0	-9.5	65.6	71.7 -6.1	Horiz
	M		+0.0	+12.5	-33.6	+1.5				
			+41.8	+0.0	+0.3				Z_802.11a_5765M	
									Hz	
21	11490.000	37.0	+0.0	+0.0	+0.0	+0.0	+0.0	51.0	71.7 -20.7	Horiz
	M		+0.0	+9.6	-35.9	+1.1				
	Ave		+38.8	+0.0	+0.4				X_802.11a_5745M	
									Hz	
22	11525.933	36.7	+0.0	+0.0	+0.0	+0.0	+0.0	50.7	71.7 -21.0	Vert
	M		+0.0	+9.6	-35.9	+1.1				, , , , ,
	Ave		+38.8	+0.0	+0.4				X_802.11a_5765M	
									Hz	
^	11526.000	47.2	+0.0	+0.0	+0.0	+0.0	+0.0	61.2	71.7 -10.5	Vert
	M		+0.0	+9.6	-35.9	+1.1			, ,	, , , , ,
			+38.8	+0.0	+0.4				X_802.11a_5765M	
				***	***				Hz	
24	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	0.0	00.0	Z_802.11a_5180M	
	11,0		+34.9	+0.0	+0.5	0.0			Hz	
25	11526.000	36.4	+0.0	+0.0	+0.0	+0.0	+0.0	50.4	71.7 -21.3	Horiz
23	M	50.1	+0.0	+9.6	-35.9	+1.1	. 0.0	20. r	,1., 21.3	110112
	Ave		+38.8	+0.0	+0.4				X_802.11a_5765M	
			20.0	. 0.0					Hz	
^	11526.000	49.6	+0.0	+0.0	+0.0	+0.0	+0.0	63.6	71.7 -8.1	Horiz
	M	17.0	+0.0	+9.6	-35.9	+1.1	. 0.0	05.0	71.7	110112
	141		+38.8	+0.0	+0.4	. 1.1			X 802.11a 5765M	
			. 50.0	. 0.0	. 0.7				Hz	
27	11490.000	36.3	+0.0	+0.0	+0.0	+0.0	+0.0	50.3	71.7 -21.4	Vert
	M	50.5	+0.0	+9.6	-35.9	+1.1	. 0.0	50.5	/1./ -21.4	v CI t
	Ave		+38.8	+0.0	+0.4	. 1.1			X 802.11a 5745M	
	1110		- 50.0	. 0.0	· U.T				Hz	
28	17421.667	36.1	+0.0	+0.0	+0.0	+0.0	-9.5	49.8	71.7 -21.9	Horiz
20	M	50.1	+0.0	+12.5	-33.6	+1.5	<del>-</del> 9.3	77.0	11.1 -21.9	110112
			+42.4	+12.3 $+0.0$	+0.4	1.3			Z_802.11a_5805M	
	Ave		· <b>4</b> ∠.4	10.0	+ ∪.4				_	
									Hz	



^ 17421.667	47.3	+0.0	+0.0	+0.0	+0.0	-9.5	61.0	71.7 -10.7	Horiz
M		+0.0	+12.5	-33.6	+1.5				
		+42.4	+0.0	+0.4				Z_802.11a_5805M	
20 15(00,000	21.0					10.0	10.0	Hz	
30 15600.000	31.9	+0.0	+0.0	+0.0	+0.0	+0.0	49.0	71.7 -22.7	Horiz
M Aug		+0.0 +38.0	$+11.8 \\ +0.0$	-34.6 +0.5	+1.4			7 902 11a 5200M	
Ave		±36.0	+0.0	+0.5				Z_802.11a_5200M Hz	
31 6986.667M	42.3	+0.0	+0.0	+0.0	+0.0	+0.0	48.9	71.7 -22.8	Horiz
Ave	72.5	+0.0	+6.7	-36.4	+0.8	10.0	40.7	Z_802.11a_5240M	110112
11,0		+35.0	+0.0	+0.5	. 0.0			Hz	
32 15600.000	31.7	+0.0	+0.0	+0.0	+0.0	+0.0	48.8	71.7 -22.9	Horiz
M		+0.0	+11.8	-34.6	+1.4				
Ave		+38.0	+0.0	+0.5				Y_802.11a_5200M	
								Hz	
33 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_5180M	
		+34.9	+0.0	+0.5				Hz	
^ 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_5180M	
		+34.9	+0.0	+0.5				Hz	
35 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_5180M	
26 15520 000	21.0	+34.9	+0.0	+0.5	. 0. 0	. 0. 0	40.2	Hz	TT :
36 15720.000	31.0	+0.0	+0.0	+0.0	+0.0	+0.0	48.3	71.7 -23.4	Horiz
M		+0.0 +38.0	+11.8	-34.4 +0.5	+1.4			7 902 11a 5240M	
Ave		±38.0	+0.0	+0.3				Z_802.11a_5240M Hz	
37 15600.000	31.2	+0.0	+0.0	+0.0	+0.0	+0.0	48.3	71.7 -23.4	Vert
M		+0.0	+11.8	-34.6	+1.4			7-17	
Ave		+38.0	+0.0	+0.5				Y_802.11a_5200M	
								Hz	
38 10400.000	36.3	+0.0	+0.0	+0.0	+0.0	+0.0	48.2	71.7 -23.5	Horiz
M		+0.0	+8.8	-36.2	+1.0				
Ave		+38.0	+0.0	+0.3				Y_802.11a_5200M	
								Hz	
39 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_5200M	
A (022 12==	4= 0	+34.9	+0.0	+0.5		. 0. 0		Hz	TT :
^ 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_5200M	
41 6022 05034	41.7	+34.9	+0.0	+0.5	100	+0.0	40 1	Hz 22.6	17.amt
41 6933.050M	41.7	+0.0 +0.0	+0.0 +6.7	+0.0 -36.5	+0.0 +0.8	+0.0	48.1	71.7 -23.6 V 802.11a 5200M	Vert
Ave		+34.9	+0.0	-30.3 +0.5	10.0			Y_802.11a_5200M Hz	
^ 6933.050M	48.0	+0.0	+0.0	+0.0	+0.0	+0.0	54.4	71.7 -17.3	Vert
0933.030WI	70.0	+0.0	+6.7	-36.5	+0.0	10.0	34.4	Y_802.11a_5200M	v CI t
		+34.9	+0.0	+0.5	. 0.0			Hz	
43 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	0.0	.0.0	Y_802.11a_5240M	. 010
		+35.0	+0.0	+0.5				Hz	
L									



^ 6986.533M	
+35.0 +0.0 +0.5 Hz	
45 17236 333 404 +00 +00 +00 +00 -100 526 765 239	Horiz
T T 1/230.333 TO.T 10.0 10.0 10.0 10.0 32.0 /0.3 T23.7	110112
M +0.0 +12.5 -33.7 +1.5	
Ave +41.6 +0.0 +0.3 Z_802.11a_5745M	
Hz, power=16, 10	
dB pad, 1 meter	
^ 17236.333 53.5 +0.0 +0.0 +0.0 +0.0 -10.0 65.7 76.5 -10.8	Horiz
M +0.0 +12.5 -33.7 +1.5	
+41.6 +0.0 +0.3 Z_802.11a_5745M	
Hz, power=16, 10	
dB pad, 1 meter	
47 15542.500 30.7 +0.0 +0.0 +0.0 +0.0 +0.0 47.7 71.7 -24.0	Horiz
M +0.0 +11.7 -34.6 +1.4	
Ave +38.0 +0.0 +0.5 Z_802.11a_5180M Hz	
^ 15542.500	Horiz
M +0.0 +11.7 -34.6 +1.4	
+38.0 +0.0 +0.5 Z_802.11a_5180M	
Hz	
49 17235.000 34.9 +0.0 +0.0 +0.0 +0.0 -9.5 47.6 71.7 -24.1	Vert
M +0.0 +12.5 -33.7 +1.5	
Ave +41.6 +0.0 +0.3 X_802.11a_5745M	
Hz	
^ 17235.000 46.6 +0.0 +0.0 +0.0 +0.0 -9.5 59.3 71.7 -12.4	Vert
M +0.0 +12.5 -33.7 +1.5	
+41.6 +0.0 +0.3 X_802.11a_5745M	
Hz	T.7.
51 11610.000 33.5 +0.0 +0.0 +0.0 +0.0 +0.0 47.5 71.7 -24.2	Vert
M +0.0 +9.6 -35.9 +1.1	
Ave +38.8 +0.0 +0.4 Z_802.11a_5805M Hz	
^ 11610.000	Vert
M +0.0 +9.6 -35.9 +1.1	v C1 t
+38.8 +0.0 +0.4 Z_802.11a_5805M	
Hz	
53 17235.817 24.9 +0.0 +0.0 +0.0 +0.0 +0.0 47.1 71.7 -24.6	Vert
M +0.0 +12.5 -33.7 +1.5	
Ave +41.6 +0.0 +0.3 Z 802.11a 5745M	
Hz	
^ 17235.817	Vert
M +0.0 +12.5 -33.7 +1.5	
+41.6 +0.0 +0.3 Z_802.11a_5745M	
Hz	



55 17289.000	34.1	+0.0	+0.0	+0.0	+0.0	-9.5	47.1	71.7 -24.6	Vert
M		+0.0	+12.5	-33.6	+1.5				
Ave		+41.8	+0.0	+0.3				X_802.11a_5765M	
								Hz	
^ 17289.000	45.4	+0.0	+0.0	+0.0	+0.0	-9.5	58.4	71.7 -13.3	Vert
M		+0.0	+12.5	-33.6	+1.5				
		+41.8	+0.0	+0.3				X_802.11a_5765M	
								Hz	
57 17292.217	34.0	+0.0	+0.0	+0.0	+0.0	-9.5	47.1	71.7 -24.6	Vert
M		+0.0	+12.5	-33.6	+1.5				
Ave		+41.9	+0.0	+0.3				Y 802.11a 5765M	
								Hz	
^ 17292.217	45.5	+0.0	+0.0	+0.0	+0.0	-9.5	58.6	71.7 -13.1	Vert
M		+0.0	+12.5	-33.6	+1.5				
		+41.9	+0.0	+0.3				Y_802.11a_5765M	
								Hz	
59 17230.500	34.3	+0.0	+0.0	+0.0	+0.0	-9.5	47.0	71.7 -24.7	Vert
M		+0.0	+12.5	-33.7	+1.5				
Ave		+41.6	+0.0	+0.3				Y_802.11a_5745M	
								Hz	
^ 17230.500	46.2	+0.0	+0.0	+0.0	+0.0	-9.5	58.9	71.7 -12.8	Vert
M		+0.0	+12.5	-33.7	+1.5	- 10			
		+41.6	+0.0	+0.3				Y_802.11a_5745M	
								Hz	
61 11490.000	32.8	+0.0	+0.0	+0.0	+0.0	+0.0	46.8	71.7 -24.9	Vert
M		+0.0	+9.6	-35.9	+1.1				
Ave		+38.8	+0.0	+0.4				Z_802.11a_5745M	
								Hz	
^ 11490.000	51.5	+0.0	+0.0	+0.0	+0.0	+0.0	65.5	71.7 -6.2	Vert
M		+0.0	+9.6	-35.9	+1.1				
		+38.8	+0.0	+0.4				Y_802.11a_5745M	
		20.0	0.0	J				Hz	
^ 11490.000	48.5	+0.0	+0.0	+0.0	+0.0	+0.0	62.5	71.7 -9.2	Vert
M		+0.0	+9.6	-35.9	+1.1		- <b>-</b> .5	,, , , , , , , , , , , , , , , , , ,	. • • • •
111		+38.8	+0.0	+0.4				X 802.11a 5745M	
		20.0	0.0	J				Hz	
^ 11490.000	44.2	+0.0	+0.0	+0.0	+0.0	+0.0	58.2	71.7 -13.5	Vert
M	. 1.2	+0.0	+9.6	-35.9	+1.1		20.2	,1., 13.3	, 011
111		+38.8	+0.0	+0.4				Z 802.11a 5745M	
		20.0	0.0	J. 1				Hz	
65 10400.000	34.8	+0.0	+0.0	+0.0	+0.0	+0.0	46.7	71.7 -25.0	Horiz
M	2 1.0	+0.0	+8.8	-36.2	+1.0		10.7	,1., 23.0	110112
Ave		+38.0	+0.0	+0.3	1.0			Z_802.11a_5200M	
71,0		. 50.0	. 0.0	. 0.5				Hz	
								114	



66	11529.333	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_57	65M	
	11500 115		. 0. 0	. 0. 0	. 0. 0	. 0. 0	. 0 0		Hz		T.7
^	11327.117	52.4	+0.0	+0.0	+0.0	+0.0	+0.0	66.4	71.7	-5.3	Vert
	M		+0.0 +38.8	+9.6 +0.0	-35.9 +0.4	+1.1			V 902 11a 57	65M	
			130.0	10.0	10.4				Y_802.11a_57 Hz	OSIVI	
^	11529.333	44.5	+0.0	+0.0	+0.0	+0.0	+0.0	58.5		13.2	Vert
	M	11.5	+0.0	+9.6	-35.9	+1.1	. 0.0	30.3	71.7	13.2	٧٥١٢
			+38.8	+0.0	+0.4				Z 802.11a 57	65M	
									Hz		
69	11606.017	37.3	+0.0	+0.0	+0.0	+0.0	+0.0	51.3	76.5 -	25.2	Vert
	M		+0.0	+9.6	-35.9	+1.1					
	Ave		+38.8	+0.0	+0.4				X_5805MHz		
^	11000.000	48.5	+0.0	+0.0	+0.0	+0.0	+0.0	62.5	71.7	-9.2	Vert
	M		+0.0	+9.6	-35.9	+1.1			V 500514H		
71	17415 000	22.0	+38.8	+0.0	+0.4	100	١, ٥, ٥	46.2	X_5805MHz	25.5	<b>1</b> 74
/1	17415.000 M	23.0	+0.0 +0.0	+0.0 +12.5	+0.0 -33.6	+0.0 +1.5	+0.0	46.2	71.7 -	25.5	Vert
	Ave		+42.4	+0.0	+0.4	⊤1.3			Z_802.11a_58	05M	
	Avc		142.4	10.0	10.4				Hz	UJIVI	
^	17415.000	33.7	+0.0	+0.0	+0.0	+0.0	+0.0	56.9		14.8	Vert
	M		+0.0	+12.5	-33.6	+1.5			,,		, 527
			+42.4	+0.0	+0.4				Z_802.11a_58	05M	
									Hz		
73		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_51	80M	
	11.505.000	21.0	. 0. 0	. 0. 0	. 0. 0		. 0. 0	45.0	Hz	25.0	** .
74	11527.800	31.9	+0.0	+0.0	+0.0	+0.0	+0.0	45.9	71.7 -	25.8	Horiz
	M Ave		+0.0 +38.8	+9.6 +0.0	-35.9 +0.4	+1.1			Y 802.11a 57	65M	
	Ave		⊤36.6	+0.0	±0.4				Hz	OSIVI	
^	11527.800	44.8	+0.0	+0.0	+0.0	+0.0	+0.0	58.8		12.9	Horiz
	M	71.0	+0.0	+9.6	-35.9	+1.1	. 0.0	20.0	, ,		110112
			+38.8	+0.0	+0.4	,-			Y_802.11a_57	65M	
									Hz		
76	15720.000	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_52	40M	
	10400 000	22.5					. 0. 0	45.5	Hz	261	
77	10480.000	33.6	+0.0	+0.0	+0.0	+0.0	+0.0	45.6	71.7 -	26.1	Horiz
	M Ava		+0.0	+8.9	-36.2 +0.3	+1.0			7 802 110 52	40 <b>N</b> 4	
	Ave		+38.0	+0.0	±0.3				Z_802.11a_524 Hz	+UIVI	
78	10359.833	33.6	+0.0	+0.0	+0.0	+0.0	+0.0	45.5		26.2	Horiz
/ 8	M	55.0	+0.0	+8.8	-36.2	+1.0	. 0.0	т	, 1. /	20.2	110112
	Ave		+38.0	+0.0	+0.3	1.0			Z_802.11a_51	80M	
									Hz		



^	10359.833	48.0	+0.0	+0.0	+0.0	+0.0	+0.0	59.9	71.7	-11.8	Horiz
	M		+0.0	+8.8	-36.2	+1.0					
			+38.0	+0.0	+0.3				Z_802.11a_51	80M	
									Hz		
80	17415.000	31.8	+0.0	+0.0	+0.0	+0.0	-9.5	45.5	71.7	-26.2	Horiz
	M		+0.0	+12.5	-33.6	+1.5					
	Ave		+42.4	+0.0	+0.4				Y-		
									802.11a_5805	MHz	
^	17415.000	44.3	+0.0	+0.0	+0.0	+0.0	-9.5	58.0	71.7	-13.7	Horiz
	M		+0.0	+12.5	-33.6	+1.5					
			+42.4	+0.0	+0.4				Y-		
									802.11a 5805	MHz	
82	17411.333	31.7	+0.0	+0.0	+0.0	+0.0	-9.5	45.4		-26.3	Vert
	M		+0.0	+12.5	-33.6	+1.5					
	Ave		+42.4	+0.0	+0.4				X 5805MHz		
	17411.333	42.1	+0.0	+0.0	+0.0	+0.0	-9.5	55.8		-15.9	Vert
	M		+0.0	+12.5	-33.6	+1.5	7.0	00.0	,,	10.5	, 620
1	-· <b>-</b>		+42.4	+0.0	+0.4				X 5805MHz		
84	17416.167	31.6	+0.0	+0.0	+0.0	+0.0	-9.5	45.3	_	-26.4	Vert
	M	31.0	+0.0	+12.5	-33.6	+1.5	7.5	13.3	/1./	20.1	V 011
	Ave		+42.4	+0.0	+0.4	1.0			Y-		
	1110		12.1	. 0.0	. 0. 1				802.11a_5805	MHz	
^	17416.167	41.1	+0.0	+0.0	+0.0	+0.0	-9.5	54.8		-16.9	Vert
	M	71,1	+0.0	+12.5	-33.6	+1.5	7.5	54.0	/1./	10.7	VCIT
	141		+42.4	+0.0	+0.4	11.5			Y-		
			172,7	10.0	10.4				802.11a_5805	MHz	
86	15600.000	28.1	+0.0	+0.0	+0.0	+0.0	+0.0	45.2		-26.5	Vert
00	M	20.1	+0.0	+11.8	-34.6	+1.4	10.0	73.2	/1./	20.5	VCIt
	Ave		+38.0	+0.0	+0.5	11.4			X_802.11a_52	200M	
	Avc		130.0	10.0	10.5				Hz	200111	
^	15600.000	42.2	+0.0	+0.0	+0.0	+0.0	+0.0	59.3		-12.4	Vert
	M	42.2	+0.0	+11.8	-34.6	+1.4	10.0	39.3	/1./	-12.4	VCIL
	1 <b>V1</b>		+38.0	+0.0	+0.5	11.4			Y 802.11a 52	2001/	
			130.0	10.0	10.5				Hz	2001 <b>V</b> I	
^	15600.000	40.3	+0.0	+0.0	+0.0	+0.0	+0.0	57.4		-14.3	Vert
		40.3	+0.0 +0.0	+0.0 +11.8	+0.0 -34.6	+0.0 +1.4	±0.0	3/.4	/1./	-14.3	vert
	M		+38.0	+0.0		⊤1.4			V 900 110 50	20014	
1			<b>⊤</b> 38.0	±0.0	+0.5				X_802.11a_52 Hz	200IVI	
90	10400 000	22.2	±0.0		±0.0		±0.0	45.2		26.5	Vont
89	10400.000 M	33.3	+0.0 +0.0	+0.0	+0.0	+0.0	+0.0	45.2	71.7	-26.5	Vert
			+38.0	+8.8 +0.0	-36.2 +0.3	+1.0			V 202 116 52	20014	
1	Ave		<b>⊤</b> 38.0	±0.0	±0.3				X_802.11a_52 Hz	200IVI	
00	10490 000	22.1	100	ΙΛΛ	100	+0.0	+0.0	<i>15</i> 1		26.6	IIo=i=
90	10480.000	33.1	$+0.0 \\ +0.0$	+0.0 +8.9	+0.0	+0.0	+0.0	45.1	71.7	-26.6	Horiz
	M				-36.2 -0.3	+1.0			V 902 115 57	24014	
	Ave		+38.0	+0.0	+0.3				X_802.11a_52	24UIVI	
0.1	10250 500	22.2	100	100	100	100	100	15 1	Hz	26.6	II.a'-
91	10358.500	33.2	+0.0	+0.0	+0.0	+0.0	+0.0	45.1	71.7	-26.6	Horiz
	M		+0.0	+8.8	-36.2	+1.0			V 000 11 - 71	10014	
	Ave		+38.0	+0.0	+0.3				X_802.11a_51	I SUM	
									Hz		



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105	10480.000	32.3	+0.0	+0.0	+0.0	+0.0	+0.0	44.3	71.7	-27.4	Vert
	M		+0.0	+8.9	-36.2	+1.0					
	Ave		+38.0	+0.0	+0.3				X_802.11a_5	240M	
									Hz		
^	10480.000	43.4	+0.0	+0.0	+0.0	+0.0	+0.0	55.4	71.7	-16.3	Vert
	M		+0.0	+8.9	-36.2	+1.0					
			+38.0	+0.0	+0.3				X_802.11a_5	240M	
									Hz		
107	15720.000	26.8	+0.0	+0.0	+0.0	+0.0	+0.0	44.1	71.7	-27.6	Vert
	M		+0.0	+11.8	-34.4	+1.4					
	Ave		+38.0	+0.0	+0.5				X_802.11a_5	240M	
	11,0		20.0	0.0	0.0				Hz	01,1	
108	15720.000	26.7	+0.0	+0.0	+0.0	+0.0	+0.0	44.0	71.7	-27.7	Horiz
100	M	20.7	+0.0	+11.8	-34.4	+1.4	10.0	77.0	/1./	-21.1	110112
	Ave		+38.0	+0.0	+0.5	'1.7			X_802.11a_5	240M	
	Ave		136.0	10.0	10.5					240W	
٨	15720.000	43.2	+0.0	+0.0	+0.0	+0.0	+0.0	60.5	71.7	-11.2	Horiz
		43.2					+0.0	00.3	/1./	-11.2	поп
	M		+0.0	+11.8	-34.4	+1.4			7 000 11 5	24034	
			+38.0	+0.0	+0.5				Z_802.11a_5	240M	
									Hz		
^	15720.000	40.4	+0.0	+0.0	+0.0	+0.0	+0.0	57.7	71.7	-14.0	Horiz
	M		+0.0	+11.8	-34.4	+1.4					
			+38.0	+0.0	+0.5				Y_802.11a_5	240M	
									Hz		
^	15720.000	39.5	+0.0	+0.0	+0.0	+0.0	+0.0	56.8	71.7	-14.9	Horiz
	M		+0.0	+11.8	-34.4	+1.4					
			+38.0	+0.0	+0.5				X_802.11a_5	240M	
									Hz		
112	15540.000	27.0	+0.0	+0.0	+0.0	+0.0	+0.0	44.0	71.7	-27.7	Horiz
	M		+0.0	+11.7	-34.6	+1.4					
	Ave		+38.0	+0.0	+0.5				Y_802.11a_5	180M	
									Hz –		
^	15540.000	39.1	+0.0	+0.0	+0.0	+0.0	+0.0	56.1	71.7	-15.6	Horiz
	M		+0.0	+11.7	-34.6	+1.4			• •		
	±.±		+38.0	+0.0	+0.5				Y 802.11a 5	180M	
			20.0	0.0	5.5				Hz		
114	15540.000	27.0	+0.0	+0.0	+0.0	+0.0	+0.0	44.0	71.7	-27.7	Vert
114	M	27.0	+0.0	+11.7	-34.6	+1.4	10.0	77.0	/ 1./	21.1	v CI t
	Ave		+38.0	+0.0	+0.5	1.7			Z_802.11a_5	180M	
	AVC		130.0	10.0	10.5				Z_602.11a_3 Hz	TOOM	
^	15540 000	40.0	10.0	ΙΔ Δ	100	100	ΙΛΛ	57.0		12.0	Vant
	15540.000	40.9	+0.0	+0.0	+0.0	+0.0	+0.0	57.9	71.7	-13.8	Vert
	M		+0.0	+11.7	-34.6	+1.4			V 000 11 7	1003.5	
			+38.0	+0.0	+0.5				Y_802.11a_5	180M	
									Hz		
^	15540.000	39.5	+0.0	+0.0	+0.0	+0.0	+0.0	56.5	71.7	-15.2	Vert
	M		+0.0	+11.7	-34.6	+1.4					
			+38.0	+0.0	+0.5				Z_802.11a_5	180M	
L									Hz		



			<u>.</u> .							
117	11490.000	29.5	+0.0	+0.0	+0.0	+0.0	+0.0	43.5	71.7 -28.2	Horiz
	M		+0.0 +38.8	+9.6 +0.0	-35.9 +0.4	+1.1			V 902 110 5745M	r
	Ave		+38.8	+0.0	+0.4				Y_802.11a_5745M Hz	l
^	11490.000	48.5	+0.0	+0.0	+0.0	+0.0	+0.0	62.5	71.7 -9.2	Horiz
	M	10.5	+0.0	+9.6	-35.9	+1.1	. 0.0	02.3	11.1 7.2	110112
			+38.8	+0.0	+0.4				X_802.11a_5745M	[
									Hz	
^	11490.000	40.3	+0.0	+0.0	+0.0	+0.0	+0.0	54.3	71.7 -17.4	Horiz
	M		+0.0	+9.6	-35.9	+1.1				
			+38.8	+0.0	+0.4				Y_802.11a_5745M	l
120	15520 502	26.5	10.0	100	100	100	100	12.5	Hz	<b>17</b> 4
120	15538.583 M	26.5	+0.0 +0.0	+0.0 +11.7	+0.0 -34.6	+0.0 +1.4	+0.0	43.5	71.7 -28.2	Vert
	Ave		+38.0	+11.7	-34.6 +0.5	⊺1. <b>4</b>			X_802.11a_5180M	ſ
	1100		. 50.0	.0.0	10.5				Hz	•
٨	15538.583	38.0	+0.0	+0.0	+0.0	+0.0	+0.0	55.0	71.7 -16.7	Vert
	M		+0.0	+11.7	-34.6	+1.4				
			+38.0	+0.0	+0.5				X_802.11a_5180M	[
									Hz	
122	10399.167	31.4	+0.0	+0.0	+0.0	+0.0	+0.0	43.3	71.7 -28.4	Vert
	M		+0.0	+8.8	-36.2	+1.0			7 000 11 - 5000 4	
	Ave		+38.0	+0.0	+0.3				Z_802.11a_5200M Hz	
٨	10399.167	43.1	+0.0	+0.0	+0.0	+0.0	+0.0	55.0	71.7 -16.7	Vert
	10399.107 M	<b>⊣</b> J.1	+0.0	+8.8	-36.2	+1.0	10.0	55.0	/1./ -10./	v CI t
			+38.0	+0.0	+0.3	1.0			Z_802.11a_5200M	
									Hz	
124		25.6	+0.0	+0.0	+0.0	+0.0	+0.0	42.9	71.7 -28.8	Vert
	M		+0.0	+11.8	-34.4	+1.4				
	Ave		+38.0	+0.0	+0.5				Y_802.11a_5240M	[
	15700.000	20.0	100	100	100	100	100	EC 1	Hz	<b>T7</b> . 4
^	15720.000 M	38.8	+0.0 +0.0	+0.0 +11.8	+0.0	+0.0	+0.0	56.1	71.7 -15.6	Vert
	M		+38.0	$^{+11.8}$ $^{+0.0}$	-34.4 +0.5	+1.4			X_802.11a_5240M	Г
			. 50.0	.0.0	10.5				Hz	•
٨	15720.000	38.4	+0.0	+0.0	+0.0	+0.0	+0.0	55.7	71.7 -16.0	Vert
	M		+0.0		-34.4	+1.4				: <del>- •</del>
			+38.0	+0.0	+0.5				Y_802.11a_5240M	[
									Hz	
127	17235.000	30.1	+0.0	+0.0	+0.0	+0.0	-9.5	42.8	71.7 -28.9	Horiz
	M		+0.0	+12.5	-33.7	+1.5			V 000 11 55453	
	Ave		+41.6	+0.0	+0.3				Y_802.11a_5745M	l
^	17235.000	57.0	+0.0	+0.0	+0.0	+0.0	-9.5	69.7	Hz 71.7 -2.0	Horiz
	M	31.0	+0.0	+12.5	-33.7	+1.5	<del>-</del> 9.3	07.7	/1./ -2.0	110112
	171		+41.6	+0.0	+0.3	. 1.5			X_802.11a_5745M	[
				0					Hz	
٨	17235.000	44.8	+0.0	+0.0	+0.0	+0.0	-9.5	57.5	71.7 -14.2	Horiz
	M		+0.0	+12.5	-33.7	+1.5				
			+41.6	+0.0	+0.3				Y_802.11a_5745M	Ţ
									Hz	



120	(09( ((7 <b>M</b>	26.2	+ Ο Ο	+0.0	ΙΛΛ	ΙΟ Ο	ΙΟ Ο	42.0	71.7 20.0	Vant
	6986.667M	36.2	+0.0	+0.0	+0.0	+0.0	+0.0	42.8	71.7 -28.9	
	Ave		+0.0 +35.0	+6.7 +0.0	-36.4 +0.5	+0.8			Z_802.11a_5240M	
^	(00( ((7M	42.0				ΙΛΛ	100	40.5	Hz	Vont
	6986.667M	42.9	+0.0	+0.0	+0.0	+0.0	+0.0	49.5	71.7 -22.2	
			+0.0	+6.7	-36.4	+0.8			Z_802.11a_5240M	
122	10260.000	20.0	+35.0	+0.0	+0.5			42.0	Hz 20.0	
132	10360.000	30.9	+0.0	+0.0	+0.0	+0.0	+0.0	42.8	71.7 -28.9	Horiz
	M		+0.0	+8.8	-36.2	+1.0			V 002 11 - 5100V	r
	Ave		+38.0	+0.0	+0.3				Y_802.11a_5180M	
^	10260 000	42.0	+0.0	+0.0	+0.0	ΙΛΛ	100	54.7	Hz 71.7 -17.0	Hamin
,	10360.000	42.8	+0.0	+0.0	+0.0	+0.0	+0.0	34.7	/1./ -1/.0	Horiz
	M		+0.0	+8.8	-36.2	+1.0			V 902 11 5190N	r
			+38.0	+0.0	+0.3				Y_802.11a_5180M	L
124	550 000M	47.2	+0.0	+10.4	+0.4	+4.2	100	42.0	Hz	Hamin
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				
125	15600.000	25.5	+0.0			100	+0.0	42.6	71.7 -29.1	II.a.i.
133		25.5		+0.0	+0.0	+0.0	+0.0	42.0	71.7 -29.1	Horiz
	M		+0.0	+11.8	-34.6	+1.4			V 902 11a 5200N	r
	Ave		+38.0	+0.0	+0.5				X_802.11a_5200M Hz	L
^	15600,000	45.2	+0.0	+0.0	+0.0	ΙΛΛ	100	(2.4		Hamin
, ,	15600.000	45.3	+0.0	+0.0	+0.0	+0.0	+0.0	62.4	71.7 -9.3	Horiz
	M		+0.0 +38.0	+11.8	-34.6 +0.5	+1.4			7 902 11a 5200M	
			+38.0	+0.0	+0.3				Z_802.11a_5200M Hz	
^	15600.000	42.7	+0.0	+0.0	+0.0	+0.0	+0.0	59.8	71.7 -11.9	Horiz
	13600.000 M	42.7	+0.0 +0.0	+11.8	-34.6	+0.0 +1.4	+0.0	39.8	/1./ -11.9	поп
	IVI		+38.0	+0.0	+0.5	⊤1. <del>4</del>			Y 802.11a 5200M	ſ
			136.0	10.0	10.5				Hz	
^	15600.000	38.1	+0.0	+0.0	+0.0	+0.0	+0.0	55.2	71.7 -16.5	Horiz
	M	30.1	+0.0	+11.8	-34.6	+1.4	10.0	33.2	/1./ -10.5	110112
	1 <b>V1</b>		+38.0	+0.0	+0.5	'1.7			X 802.11a 5200M	ſ
			130.0	10.0	10.5				Hz	L
130	15602.500	25.5	+0.0	+0.0	+0.0	+0.0	+0.0	42.6	71.7 -29.1	Vert
139	M	43.3	+0.0	+11.8	-34.6	+0.0 +1.4	10.0	74.0	11.1 -29.1	v CI t
	Ave		+38.0	$^{+11.8}$ $+0.0$	+0.5	11.4			Z_802.11a_5200M	
	1110		. 50.0	. 0.0	. 0.5				Hz	
^	15602.500	37.3	+0.0	+0.0	+0.0	+0.0	+0.0	54.4	71.7 -17.3	Vert
	M	51.5	+0.0	+11.8	-34.6	+1.4	.0.0	27.7	/1./ -1/.5	V C1 t
	171		+38.0	+0.0	+0.5	.1.⊤			Z_802.11a_5200M	
			. 50.0	. 0.0	. 0.5				Hz	
141	10483.333	30.6	+0.0	+0.0	+0.0	+0.0	+0.0	42.6	71.7 -29.1	Vert
1 1 1	M	50.0	+0.0	+8.9	-36.2	+1.0	. 0.0	12.0	71.7 -27.1	7 01 0
	Ave		+38.0	+0.0	+0.3	. 1.0			Y 802.11a 5240M	[
			20.0	. 0.0	. 0.5				Hz	
^	10483.333	44.7	+0.0	+0.0	+0.0	+0.0	+0.0	56.7	71.7 -15.0	Vert
	M	¬ <b>¬.</b> /	+0.0	+8.9	-36.2	+1.0	.0.0	50.7	/1./ -13.0	v C1 t
1	171		+38.0	+0.0	+0.3	. 1.0			Y_802.11a_5240M	[
			. 50.0	. 0.0	. 0.5				Hz	•
									***	



143 15719.000	25.2	+0.0	+0.0	+0.0	+0.0	+0.0	42.5	71.7 -	29.2	Vert
M		+0.0	+11.8	-34.4	+1.4			7 000 11 70	403.6	
Ave		+38.0	+0.0	+0.5				Z_802.11a_52	40M	
A 15710 000	26.2						52.5	Hz	10.2	3.7 4
^ 15719.000	36.2	+0.0	+0.0	+0.0	+0.0	+0.0	53.5	71.7 -	18.2	Vert
M		+0.0 +38.0	+11.8	-34.4 +0.5	+1.4			7 902 115 52	40 <b>N</b> 4	
		±38.0	+0.0	+0.3				Z_802.11a_524 Hz	40IVI	
145 550.000M	47.0	+0.0	+18.4	+0.4	+4.3	+0.0	42.5		29.2	Horiz
QP	77.0	-27.6	+0.0	+0.0	+0.0	10.0	72.3	/1./	27.2	110112
Q1		+0.0	+0.0	+0.0	10.0					
^ 550.000M	49.6	+0.0	+18.4	+0.4	+4.3	+0.0	45.1	71.7 -	26.6	Horiz
330.000111	17.0	-27.6	+0.0	+0.0	+0.0	. 0.0	10.1	, 1.,	20.0	110112
		+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						
149 6933.483M	36.1	+0.0	+0.0	+0.0	+0.0	+0.0	42.5	71.7 -	29.2	Vert
Ave		+0.0	+6.7	-36.5	+0.8			Z_802.11a_52	00M	
		+34.9	+0.0	+0.5				Hz		
^ 6933.483M	44.1	+0.0	+0.0	+0.0	+0.0	+0.0	50.5		21.2	Vert
		+0.0	+6.7	-36.5	+0.8			Z_802.11a_52	00M	
		+34.9	+0.0	+0.5				Hz		
151 10360.000	30.5	+0.0	+0.0	+0.0	+0.0	+0.0	42.4	71.7 -	29.3	Vert
M		+0.0	+8.8	-36.2	+1.0					
Ave		+38.0	+0.0	+0.3				Z_802.11a_51	80M	
152 15520 500	25.4						10.1	Hz	20.2	тт .
152 15538.580	25.4	+0.0	+0.0	+0.0	+0.0	+0.0	42.4	71.7 -	29.3	Horiz
M		+0.0 +38.0	$+11.7 \\ +0.0$	-34.6	+1.4			V 902 11a 51	001/	
Ave		<b>⊤36.0</b>	+0.0	+0.5				X_802.11a_51 Hz	OUIVI	
^ 15538.580	37.1	+0.0	+0.0	+0.0	+0.0	+0.0	54.1		17.6	Horiz
M	37.1	+0.0	+11.7	-34.6	+1.4	10.0	J4.1	/1./	17.0	110112
141		+38.0	+0.0	+0.5	. 1.7			X_802.11a_51	80M	
		. 50.0	. 0.0	. 0.5				Hz	JU171	
154 10400.000	30.4	+0.0	+0.0	+0.0	+0.0	+0.0	42.3		29.4	Vert
M	- 0	+0.0	+8.8	-36.2	+1.0			,		
Ave		+38.0	+0.0	+0.3				Y 802.11a 52	00M	
								Hz		
^ 10400.000	46.0	+0.0	+0.0	+0.0	+0.0	+0.0	57.9	71.7 -	13.8	Vert
M		+0.0	+8.8	-36.2	+1.0					
		+38.0	+0.0	+0.3				X_802.11a_52	00M	
								Hz		
^ 10400.000	40.5	+0.0	+0.0	+0.0	+0.0	+0.0	52.4	71.7 -	19.3	Vert
M		+0.0	+8.8	-36.2	+1.0					
		+38.0	+0.0	+0.3				Y_802.11a_52	00M	
								Hz		
<u> </u>										



157 10360.000	30.3	+0.0	+0.0	+0.0	+0.0	+0.0	42.2	71.7 -29	0.5 Vert
M		+0.0	+8.8	-36.2	+1.0				
Ave		+38.0	+0.0	+0.3				Y_802.11a_5180	)M
								Hz	
^ 10360.000	43.3	+0.0	+0.0	+0.0	+0.0	+0.0	55.2	71.7 -16	5.5 Vert
M		+0.0	+8.8	-36.2	+1.0				
		+38.0	+0.0	+0.3				Z_802.11a_5180	M
								Hz	
^ 10360.000	43.3	+0.0	+0.0	+0.0	+0.0	+0.0	55.2	71.7 -16	5.5 Vert
M	15.5	+0.0	+8.8	-36.2	+1.0	. 0.0	33.2	71.7	7.5 V C11
171		+38.0	+0.0	+0.3	11.0			Y_802.11a_5180	M
		130.0	10.0	10.5				Hz	71V1
160 800.000M	40.3	+0.0	+22.5	+0.4	+5.3	+0.0	41.3	71.7 -30	0.4 Horiz
	40.3	+0.0 -27.2				+0.0	41.3	/1./ -30	7.4 ПОПЕ
QP			+0.0	+0.0	+0.0				
161 6022 2221	24.5	+0.0	+0.0	+0.0	. 0. 0	. 0. 0	40.0	<b>51.5</b> 00	
161 6933.333M	34.5	+0.0	+0.0	+0.0	+0.0	+0.0	40.9	71.7 -30	
Ave		+0.0	+6.7	-36.5	+0.8			Y_802.11a_5200	0M
		+34.9	+0.0	+0.5				Hz	
^ 6933.333M	42.4	+0.0	+0.0	+0.0	+0.0	+0.0	48.8	71.7 -22	
		+0.0	+6.7	-36.5	+0.8			Y_802.11a_5200	)M
		+34.9	+0.0	+0.5				Hz	
163 10400.000	28.9	+0.0	+0.0	+0.0	+0.0	+0.0	40.8	71.7 -30	0.9 Horiz
M		+0.0	+8.8	-36.2	+1.0				
Ave		+38.0	+0.0	+0.3				X_802.11a_5200	)M
								Hz	
^ 10400.000	48.7	+0.0	+0.0	+0.0	+0.0	+0.0	60.6	71.7 -11	.1 Horiz
M		+0.0	+8.8	-36.2	+1.0			,,	
111		+38.0	+0.0	+0.3	1.0			Z_802.11a_5200	M
		130.0	10.0	10.5				Hz	141
^ 10400.000	46.5	+0.0	+0.0	+0.0	+0.0	+0.0	58.4	71.7 -13	3.3 Horiz
M	40.5	+0.0	+8.8	-36.2	+1.0	10.0	36.4	/1./ -13	7.5 HOHZ
IVI		+38.0	+0.0		⊤1.0			V 902 11a 5200	M.
		±38.0	+0.0	+0.3				Y_802.11a_5200	OIVI
^ 10400 000	12.6	100	100	100	100	10.0	E A E	Hz	10 11:-
10400.000	42.6	+0.0	+0.0	+0.0	+0.0	+0.0	54.5	71.7 -17	7.2 Horiz
M		+0.0	+8.8	-36.2	+1.0			W 000 11 5500	
		+38.0	+0.0	+0.3				X_802.11a_5200	0M
								Hz	
167 17292.800	33.0	+0.0	+0.0	+0.0	+0.0	-10.0	45.6	76.5 -30	0.9 Horiz
M		+0.0	+12.5	-33.6	+1.5				
Ave		+41.9	+0.0	+0.3				Y_802.11a_5765	SM
								Hz	
^ 17292.800	45.9	+0.0	+0.0	+0.0	+0.0	-10.0	58.5	76.5 -18	3.0 Horiz
M		+0.0	+12.5	-33.6	+1.5				
		+41.9	+0.0	+0.3	-			Y 802.11a 5765	SM
								Hz	



169 6906.500M	34.0	+0.0	+0.0	+0.0	+0.0	+0.0	40.4	71.7	-31.3	Horiz
Ave	34.0	+0.0	+6.7	-36.5	+0.8	10.0	40.4	Y 802.11a		110112
Avc		+34.9	+0.0	+0.5	10.0			Hz	J 1 00 IVI	
^ 6906.567M	47.6	+0.0	+0.0	+0.0	+0.0	+0.0	54.0	71.7	-17.7	Horiz
0900.307WI	47.0	+0.0	+6.7	-36.5	+0.8	10.0	34.0	Z_802.11a_		110112
		+34.9	+0.0	+0.5	10.8			L_602.11a Hz	3100W	
^ 6906.500M	43.5	+0.0	+0.0	+0.0	+0.0	+0.0	49.9	71.7	-21.8	Horiz
0900.300M	43.3	+0.0	+6.7	-36.5	+0.8	+0.0	49.9	Y_802.11a_		ПОПЕ
		+34.9	+0.0	+0.5	10.0			Hz	J 1 00 IVI	
172 6986.633M	33.8	+0.0	+0.0	+0.0	+0.0	+0.0	40.4	71.7	-31.3	Horiz
Ave	33.0	+0.0	+6.7	-36.4	+0.8	10.0	TU.T	Y_802.11a_		110112
Ave		+35.0	+0.0	+0.5	10.0			Hz	. J2401VI	
^ 6986.667M	47.0	+0.0	+0.0	+0.0	+0.0	+0.0	53.6	71.7	-18.1	Horiz
0900.0071	47.0	+0.0	+6.7	-36.4	+0.8	10.0	33.0	Z_802.11a_		110112
		+35.0	+0.0	+0.5	10.0			Hz	32 <del>4</del> 01 <b>V</b> 1	
^ 6986.633M	42.6	+0.0	+0.0	+0.0	+0.0	+0.0	49.2	71.7	-22.5	Horiz
0700.033141	72.0	+0.0	+6.7	-36.4	+0.8	10.0	<b>⊣</b> 7.∠	Y 802.11a		110112
		+35.0	+0.0	+0.5	10.0			Hz	3240IVI	
175 22973.333	40.4	+0.0	+0.0	+0.0	+0.0	-9.5	39.9	71.7	-31.8	Vert
M	70.7	+0.0	+0.0	-32.4	+1.7	7.5	37.7	/1./	31.0	VCIT
Ave		+0.0	+39.7	+0.0	. 1.7					
^ 22973.333	54.0	+0.0	+0.0	+0.0	+0.0	-9.5	53.5	71.7	-18.2	Vert
M	31.0	+0.0	+0.0	-32.4	+1.7	7.5	33.3	71.7	10.2	VOIT
112		+0.0	+39.7	+0.0	1.,					
177 258.970M	44.6	+19.5	+0.0	+0.3	+2.8	+0.0	39.5	71.7	-32.2	Horiz
200.5701.1		-27.7	+0.0	+0.0	+0.0	0.0	07.0	,	52.2	110112
		+0.0	+0.0	+0.0						
178 256.990M	44.7	+19.3	+0.0	+0.3	+2.8	+0.0	39.4	71.7	-32.3	Horiz
		-27.7	+0.0	+0.0	+0.0					
		+0.0	+0.0	+0.0						
179 257.010M	44.6	+19.3	+0.0	+0.3	+2.8	+0.0	39.3	71.7	-32.4	Vert
		-27.7	+0.0	+0.0	+0.0					
		+0.0	+0.0	+0.0						
180 259.030M	44.2	+19.5	+0.0	+0.3	+2.8	+0.0	39.1	71.7	-32.6	Vert
		-27.7	+0.0	+0.0	+0.0					
		+0.0	+0.0	+0.0						
181 550.000M	43.4	+0.0	+18.4	+0.4	+4.3	+0.0	38.9	71.7	-32.8	Vert
QP		-27.6	+0.0	+0.0	+0.0					
		+0.0	+0.0	+0.0						
^ 550.000M	45.2	+0.0	+18.4	+0.4	+4.3	+0.0	40.7	71.7	-31.0	Vert
		-27.6	+0.0	+0.0	+0.0					
		+0.0	+0.0	+0.0						
^ 550.000M	42.0	+0.0	+18.4	+0.4	+4.3	+0.0	37.5	71.7	-34.2	Vert
		-27.6	+0.0	+0.0	+0.0					
		+0.0	+0.0	+0.0						
^ 550.000M	41.2	+0.0	+18.4	+0.4	+4.3	+0.0	36.7	71.7	-35.0	Vert
		-27.6	+0.0	+0.0	+0.0					
		+0.0	+0.0	+0.0						
						•		<u> </u>		



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	38.6	+0.0	+0.0	+0.0	+0.0	-9.5	38.1	71.7	-33.6	Vert
M		+0.0	+0.0	-32.5	+1.7					
Ave		+0.0	+39.8	+0.0						
^ 23226.667	51.1	+0.0	+0.0	+0.0	+0.0	-9.5	50.6	71.7	-21.1	Vert
M		+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					
202 22062 222	25.5	+0.0	+0.0	+0.0	. 0. 0	0.5	27.0		215	**
202 23063.333	37.5	+0.0	+0.0	+0.0	+0.0	-9.5	37.0	71.7	-34.7	Vert
M		+0.0	+0.0	-32.4	+1.7					
Ave		+0.0	+39.7	+0.0			• • • •		210	
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					
204 267 0207	40.0	+0.0	+0.0	+0.0	• •		2.5.5			
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	44.0	+0.0	+15.7	+0.4	+3.6	+0.0	35.9	71.7	-35.8	Vert
QP		-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	36.7	+0.0	+0.0	+0.0	+0.0	-9.5	35.5	71.7	-36.2	Vert
M		+0.0	+0.0	-32.9	+1.6					
Ave		+0.0	+39.6	+0.0						
^ 20973.333	54.4	+0.0	+0.0	+0.0	+0.0	-9.5	53.2	71.7	-18.5	Vert
M		+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						
•										



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	35.0	+0.0	+0.0	+0.0	+0.0	-9.5	33.8	71.7	-37.9	Vert
M		+0.0	+0.0	-32.9	+1.6					
Ave		+0.0	+39.6	+0.0						
^ 20800.000	45.4	+0.0	+0.0	+0.0	+0.0	-9.5	44.2	71.7	-27.5	Vert
M		+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						



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	20720.000	33.8	+0.0	+0.0	+0.0	+0.0	-9.5	32.7	71.7	-39.0	Vert
	M		+0.0	+0.0	-32.8	+1.6					
	Ave		+0.0	+39.6	+0.0						
^	20720.000	48.2	+0.0	+0.0	+0.0	+0.0	-9.5	47.1	71.7	-24.6	Vert
	M		+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						
1											



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						

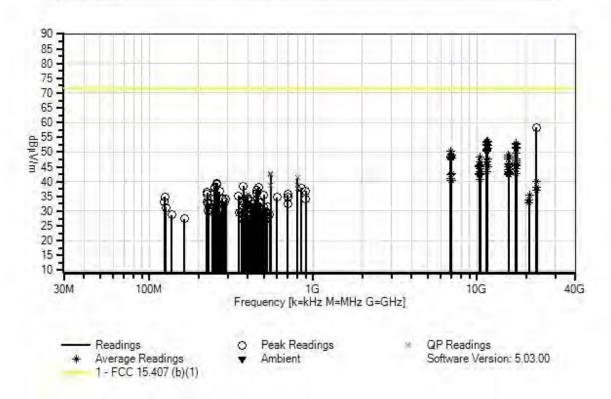


269	480.130M	35.2	+0.0	+17.1	+0.4	+4.0	+0.0	28.9	71.7	-42.8	Vert
			-27.8	+0.0	+0.0	+0.0					
			+0.0	+0.0	+0.0						
270	542.030M	33.5	+0.0	+18.3	+0.4	+4.3	+0.0	28.9	71.7	-42.8	Vert
			-27.6	+0.0	+0.0	+0.0					
	10= 1103 5		+0.0	+0.0	+0.0	• •		•••		10.0	
271	437.449M	36.1	+0.0	+16.4	+0.3	+3.8	+0.0	28.8	71.7	-42.9	Vert
			-27.8	+0.0	+0.0	+0.0					
272	275 41014	25.4	+0.0	+0.0	+0.0	12.5	100	20.7	71.7	12.0	TT!
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	+0.0	+1.9	+0.0	28.7	71.7	-43.0	Horiz
2/3	137.190M	30.8	+17.6 -27.9	+0.0 +0.0	+0.3 $+0.0$	+0.0	+0.0	20.7	/1./	-43.0	попи
			+0.0	+0.0 +0.0	+0.0 +0.0	10.0					
274	436.950M	36.0	+0.0	+16.4	+0.0	+3.8	+0.0	28.7	71.7	-43.0	Horiz
2/4	450.950W	30.0	-27.8	+0.0	+0.0	+0.0	10.0	20.7	/1./	-43.0	110112
			+0.0	+0.0	+0.0	10.0					
275	410.999M	36.5	+0.0	+15.9	+0.4	+3.6	+0.0	28.6	71.7	-43.1	Vert
273	110.555111	30.3	-27.8	+0.0	+0.0	+0.0	. 0.0	20.0	/1./	13.1	VOIT
			+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					
•	450.553.5	2	+0.0	+0.0	+0.0		. 0 . 0	25.5			
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					
201	162 0003 4	24.5	+0.0	+0.0	+0.0	10.1	100	27.5	71.7	44.2	11.
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					
282	162 925M	33.4	+0.0	+0.0	+0.0	+3.9	+0.0	26.6	71.7	<i>A5</i> 1	Цотіс
282	462.825M	33.4	+0.0 -27.8	+16.8 $+0.0$	+0.3 +0.0	+3.9	±0.0	20.0	/1./	-45.1	Horiz
			+0.0	+0.0 +0.0	+0.0	10.0					
283	487.366M	32.8	+0.0	+17.2	+0.4	+4.0	+0.0	26.6	71.7	-45.1	Vert
263	10/.300101	34.0	-27.8	+0.0	+0.4	+0.0	10.0	20.0	/1./	<del>-4</del> 3.1	VEIL
			+0.0	+0.0	+0.0	10.0					
			10.0	10.0	10.0						



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. W/D#: 90303 FCC 15:407 (b)(1) Test Distance: 3 Meters Sequence#: 7 SX-SDCAG



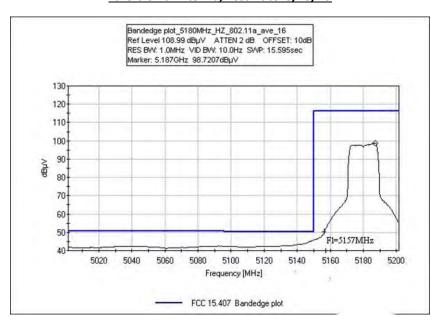


## **Band Edge**

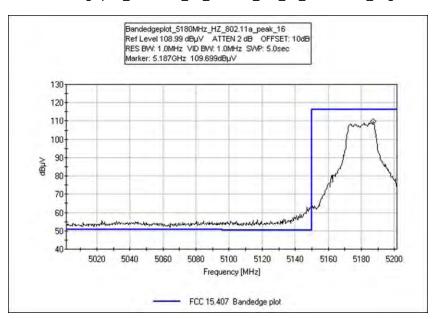
\* Original data from 90303-10A, March 19, 2010

### **Plots**

### Ethertronic Antenna, Test Date: 3/19/10

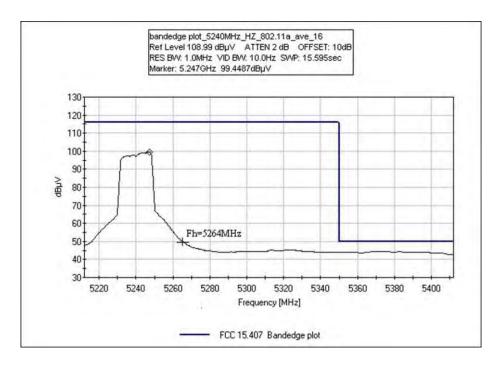


Band edge plot\_5180MHz\_HZ\_802.11a\_ave\_16\_ethertronic\_orig

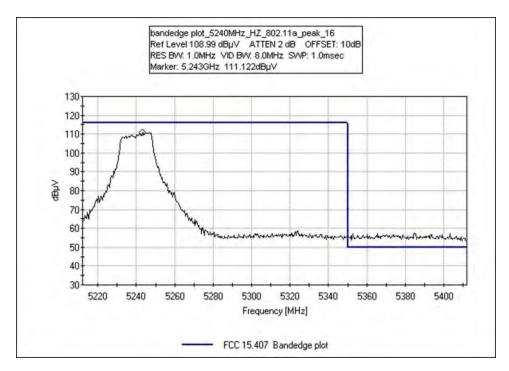


Band edge plot\_5180MHz\_HZ\_802.11a\_peak\_16\_ethertronic\_orig



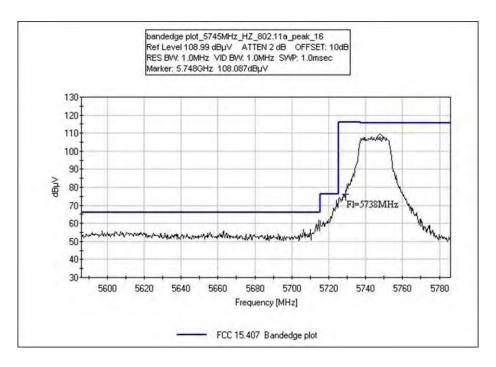


Band edge plot\_5240MHz\_HZ\_802.11a\_ave\_16\_ethertronic\_orig

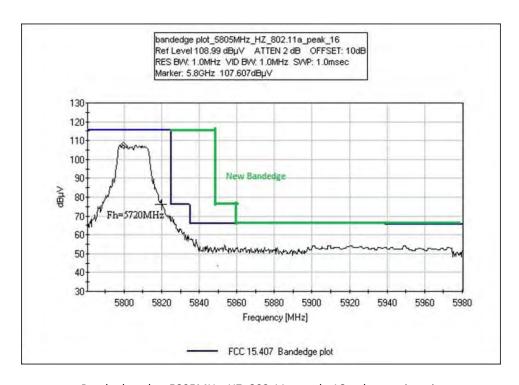


Band edge plot\_5240MHz\_HZ\_802.11a\_peak\_16\_ethertronic\_orig





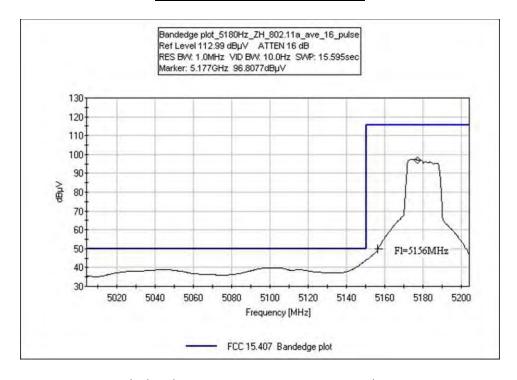
Band edge plot\_5745MHz\_HZ\_802.11a\_peak\_16\_ethertronic\_orig



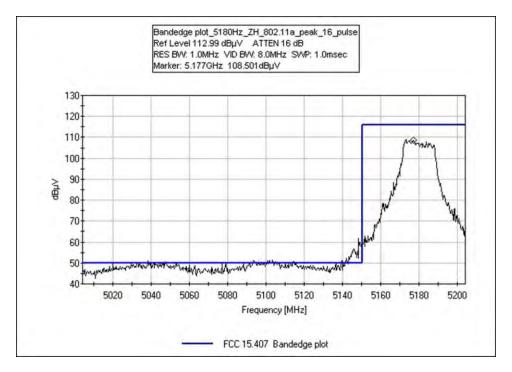
Band edge plot\_5805MHz\_HZ\_802.11a\_peak\_16\_ethertronic\_orig



### Pulse Antenna, Test Date: 3/19/10

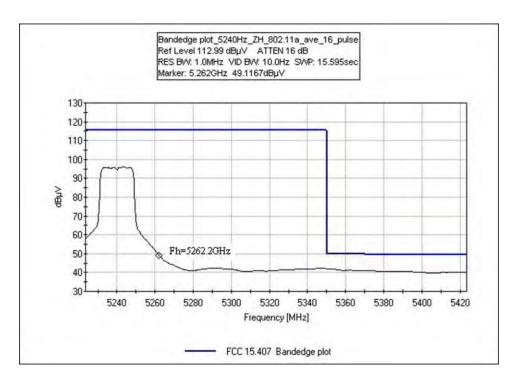


Band edge plot\_5180Hz\_ZH\_802.11a\_ave\_16\_pulse\_orig

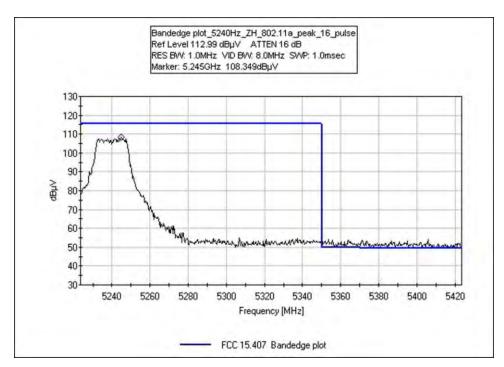


Band edge plot\_5180Hz\_ZH\_802.11a\_peak\_16\_pulse\_orig



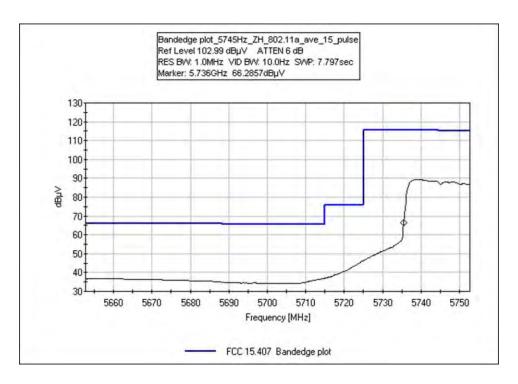


Band edge plot\_5240Hz\_ZH\_802.11a\_ave\_16\_pulse\_orig

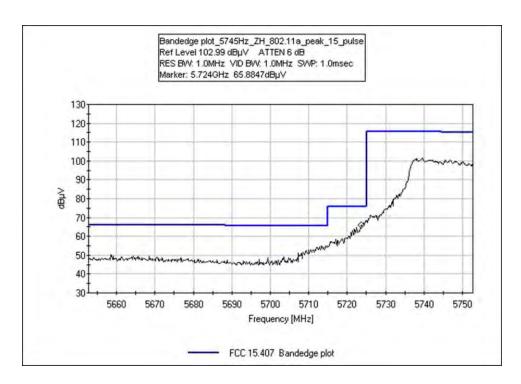


Band edge plot\_5240Hz\_ZH\_802.11a\_peak\_16\_pulse\_orig



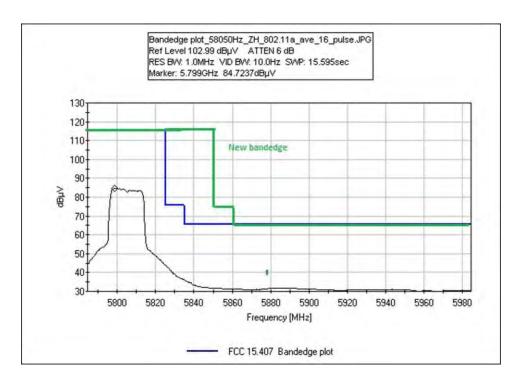


Band edge plot\_5745Hz\_ZH\_802.11a\_ave\_15\_pulse\_orig

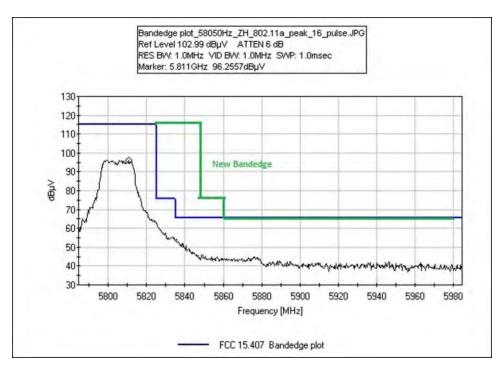


Band edge plot\_5745Hz\_ZH\_802.11a\_peak\_15\_pulse\_orig





Band edge plot\_5805Hz\_ZH\_802.11a\_ave\_16\_pulse\_orig

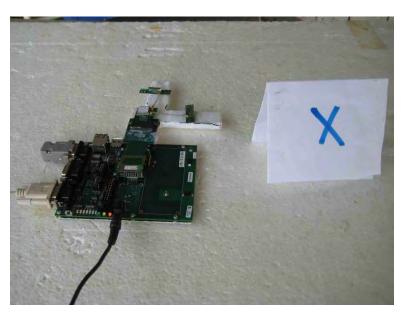


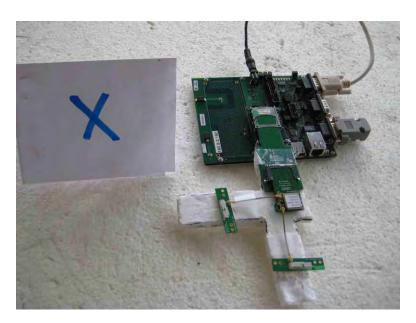
Band edge plot\_5805Hz\_ZH\_802.11a\_peak\_16\_pulse\_orig



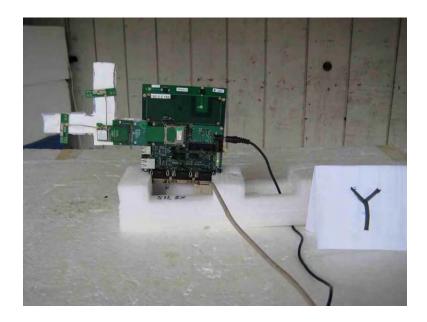
## Test Setup Photo(s)

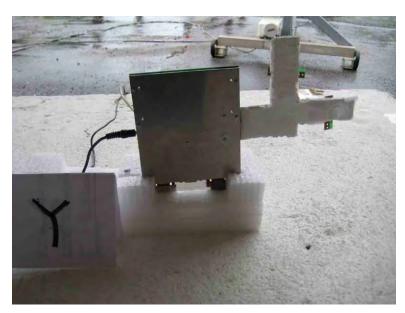
### Ethertronic Antenna



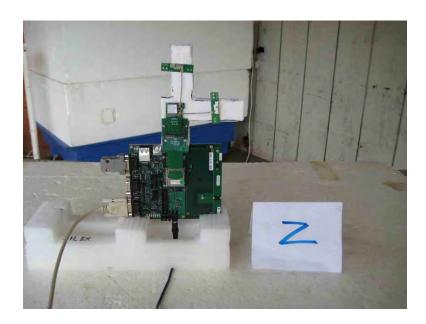


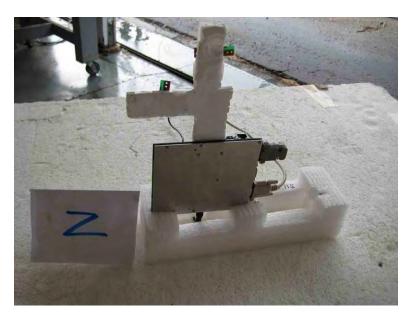






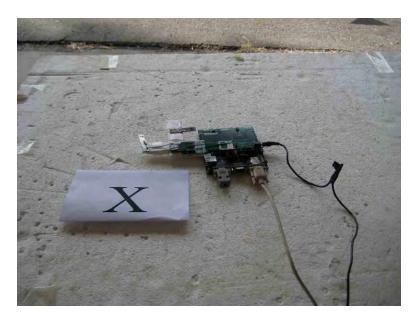


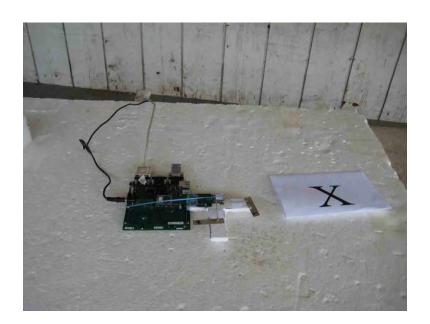




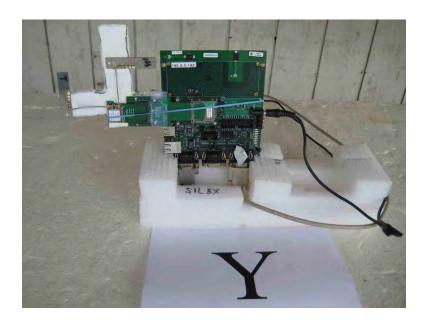


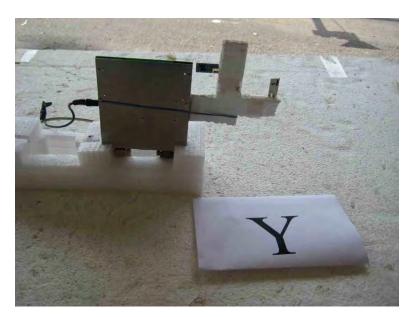
## <u>Pulse Antenna</u>



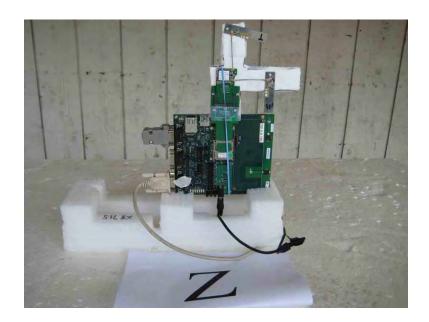
















# **FCC Part 15 Subpart C**

## **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	Silex Technology America,	SX-SDCAG	ED
Card Radio*	Inc.		

Support Equipment:

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

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### 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: 16Power = 13.3dBm (0.0214)

Antenna Manufacturer: Pulse Antenna Gain: 3.2dBi @2.5GHz Antenna Gain: 4.2dBi @5.0GHz

Transmit via Antenna #1

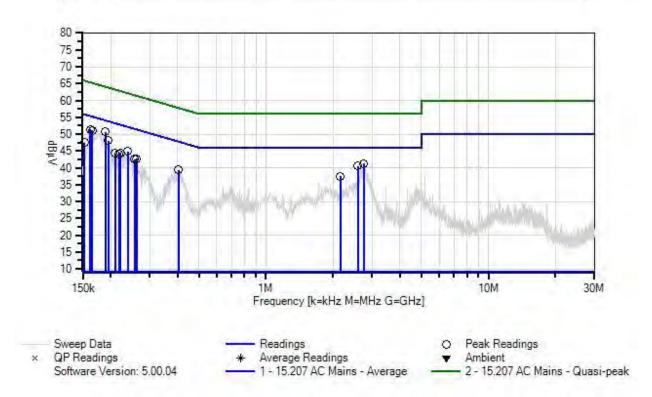
19°C, 73% Relative Humidity

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.

Page 134 of 145 Report No.: 97700-4



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





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
Т3	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

Measui	rement Data:		eading list	ted by ma	argin.			Test Lead	d: Black		
#	Freq	Rdng	T1	T2	T3	T4	Dist	Corr	Spec	Margin	Polar
	) (II	1D 17	T5	1D	ID	1D	m 11	1D 17	ID II	10	
	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	+5.6	+0.4	+0.1	+0.0	51.4	55.3	-3.9	Black
			+0.0								
3	165.271k	45.0	+0.0	+5.6	+0.4	+0.1	+0.0	51.1	55.2	-4.1	Black
			+0.0								
4	2.748M	35.3	+0.0	+5.6	+0.1	+0.2	+0.0	41.3	46.0	-4.7	Black
			+0.1								
5	2.587M	34.5	+0.0	+5.6	+0.1	+0.2	+0.0	40.5	46.0	-5.5	Black
			+0.1								
6	195.086k	42.0	+0.0	+5.6	+0.3	+0.1	+0.0	48.0	53.8	-5.8	Black
	220 7101	20.0	+0.0	. 5. 6	. 0. 2	. 0. 1	. 0 0	11.0	50.1		D1 1
7	238.719k	38.9	+0.0	+5.6	+0.3	+0.1	+0.0	44.9	52.1	-7.2	Black
0	221 0021	20.4	+0.0	15.6	10.2	+0.1	100	111	50.7	0.2	D11.
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	+5.6	+1.6	+0.1	+0.0	47.5	55.8	-8.3	Black
	132.900K	40.2	+0.0	13.0	11.0	10.1	10.0	47.3	33.0	-0.5	Diack
10	403.794k	33.2	+0.0	+5.7	+0.3	+0.1	+0.0	39.3	47.8	-8.5	Black
	.05.75 122	<u>-</u>	+0.0	0.,	0.5	0.1	0.0	07.0	.,.0	0.0	210011
11	2.157M	31.6	+0.0	+5.6	+0.1	+0.1	+0.0	37.4	46.0	-8.6	Black
			+0.0								
12	261.989k	36.7	+0.0	+5.6	+0.3	+0.1	+0.0	42.7	51.4	-8.7	Black
			+0.0								
13	209.630k	38.3	+0.0	+5.6	+0.3	+0.1	+0.0	44.3	53.2	-8.9	Black
			+0.0								
14	218.357k	38.0	+0.0	+5.6	+0.3	+0.1	+0.0	44.0	52.9	-8.9	Black
			+0.0								
15	256.172k	36.6	+0.0	+5.6	+0.3	+0.1	+0.0	42.6	51.6	-9.0	Black
			+0.0								



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	Silex Technology America,	SX-SDCAG	ED
Card Radio*	Inc.		

### 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	3-Com	WL-526	NA
Access Point			
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

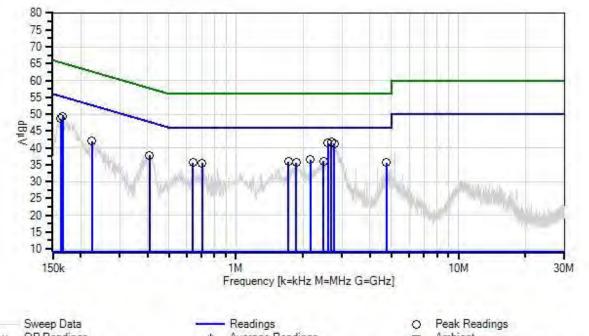
19°C, 73% Relative Humidity

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.

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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







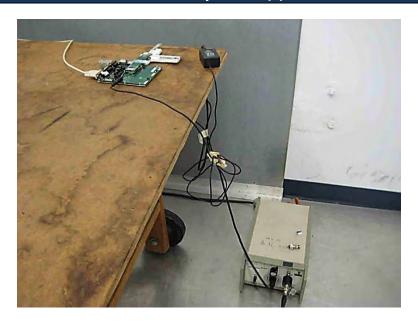
Test Equipment:

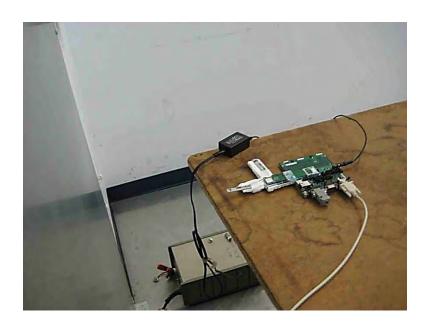
ID	Asset #	Description	Model	Calibration Date	Cal Due Date
T1	AN02672	Spectrum Analyzer	E4446A	7/23/2008	7/23/2010
T2	ANP05613	Attenuator	50FHC-006- 10BNC	3/10/2009	3/10/2011
Т3	AN02610	High Pass Filter	HE9615-150K- 50-720B	11/16/2009	11/16/2011
T4	ANP04358	Cable	RG142	5/7/2010	5/7/2012
	AN00847.1	50uH 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

Measur	rement Data:	Re	eading list	ted by ma	argin.			Test Lead	d: White		
#	Freq	Rdng	T1	T2	T3	T4	Dist	Corr	Spec	Margin	Polar
	MII	1D. 17	T5	ID	1D	ID	T. 1.1	1D 37	1D 17	1D	
	MHz	dBμV	dB	dB	dB	dB	Table	dBμV	dBμV	dB	Ant
1	2.680M	35.6	+0.0	+5.6	+0.1	+0.2	+0.0	41.7	46.0	-4.3	White
2	2.591M	35.3	+0.2	+5.6	+0.1	+0.2	+0.0	41.4	46.0	-4.6	White
2	2.391WI	33.3	+0.0	+3.0	+0.1	+0.∠	+0.0	41.4	40.0	-4.0	wille
3	2.761M	35.1	+0.2	+5.6	+0.1	+0.2	+0.0	41.2	46.0	-4.8	White
	2.7011 <b>v</b> 1	33.1	+0.2	13.0	10.1	10.2	10.0	41.2	40.0	-4.0	vv iiite
4	166.725k	43.2	+0.0	+5.6	+0.4	+0.1	+0.0	49.3	55.1	-5.8	White
	100.72011	.5.2	+0.0	0.0	٠	0.1	0.0	.,	00.1	0.0	***************************************
5	163.089k	42.6	+0.0	+5.6	+0.4	+0.1	+0.0	48.7	55.3	-6.6	White
			+0.0								
6	2.157M	30.6	+0.0	+5.6	+0.1	+0.1	+0.0	36.5	46.0	-9.5	White
			+0.1								
7	407.430k	31.7	+0.0	+5.7	+0.3	+0.1	+0.0	37.8	47.7	-9.9	White
			+0.0								
8	2.472M	29.9	+0.0	+5.6	+0.1	+0.2	+0.0	36.0	46.0	-10.0	White
	1 700) (	20.0	+0.2		. 0.1	.0.1		25.0	46.0	10.1	TT 71 '
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	+0.1	+5.6	+0.1	+0.1	+0.0	35.6	46.0	-10.4	White
10	1.004101	29.1	+0.0	+3.0	+0.1	+0.1	+0.0	33.0	40.0	-10.4	Willte
11	4.743M	29.5	+0.1	+5.6	+0.1	+0.2	+0.0	35.6	46.0	-10.4	White
1.	1.7 13111	27.5	+0.2		. 0.1	0.2	. 0.0	35.0	10.0	10.1	***************************************
12	639.409k	29.6	+0.0	+5.6	+0.3	+0.1	+0.0	35.6	46.0	-10.4	White
			+0.0								
13	705.585k	29.4	+0.0	+5.6	+0.3	+0.1	+0.0	35.4	46.0	-10.6	White
			+0.0								
14	224.902k	35.8	+0.0	+5.6	+0.3	+0.1	+0.0	41.9	52.6	-10.7	White
			+0.1								
15	703.403k	29.3	+0.0	+5.6	+0.3	+0.1	+0.0	35.3	46.0	-10.7	White
			+0.0								



# 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			

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

Manufacturer declared operating temperature: -20 – 70°C

	FI	Fh
Frequency	5157	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

<sup>\*</sup> 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.

	FI	Fh
Frequency	5728	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** 

<sup>\*</sup>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  $dB\mu V/m$ , the spectrum analyzer reading in  $dB\mu V$  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)				

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#### 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.

#### <u>Average</u>

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.

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