Silex Technology America, Inc.

ADDENDUM TEST REPORT TO 90303-10

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

Tested To The Following Standards:

FCC PART 15 SUBPART E SECTION 15.407 & RSS-210 ISSUE 7

Report No.: 90303-10A

Date of issue: March 19, 2010



TESTING CERT #803.01, 803.02, 803.05, 803.06 This test report bears the accreditation symbol indicating that the testing performed herein meets the test and reporting requirements of ISO/IEC 17025 under the applicable scope of EMC testing for CKC Laboratories, Inc.

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



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ADMINISTRATIVE INFORMATION

Test Report Information

REPORT PREPARED FOR: REPORT PREPARED BY:

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15661 Red Hill Ave. Suite 120 CKC Laboratories, Inc.
Tustin, CA 92780 5046 Sierra Pines Drive
Mariposa, CA 95338

REPRESENTATIVE: Ron Tozaki Project Number: 90303

Customer Reference Number: 3532

DATE OF EQUIPMENT RECEIPT: January 14. 2010

DATE(S) OF TESTING: January 14 – February 4, 2010

Revision History

Original Date of Issue: February 9, 2010

Addendum A: To correct an error in the frequency range tested for sequence 53 for 15.407(b)(1) and 15.407(b)(7)/15.205. The frequency range was 9kHz - 5GHz and it should have been 9kHz - 40GHz. In addition, this addendum corrects an error in section 15.31(m) stating the EUT operates on a single channel. See revised section 15.31(m) for channel information.

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.

Steve 2 Be

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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

Site Registration & Accreditation Information

Location	JAPAN	CANADA	FCC
Brea A	R-301, C-314 & T-1572	3082D-1	90473

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SUMMARY OF RESULTS

Standard / Specification: FCC Part 15 15.407

Description	Test Procedure/Method	Results
Voltage Variations	15.31(e)	Pass
RF Output Power (5.15-5.25 GHz)	FCC 15.407(a)(1)	Pass
RF Output Power (5.725-5.825GHz)	FCC 15.407(a)(3)	Pass
Peak Power Spectral Density	FCC 15.407(a)(5)	Pass
		_
Peak Excursion	FCC 15.407(a)(6)	Pass
Hardaniashla Fusiasiana (F. 45 F. 25 CHa)	FCC 45 407/b)/4)	D
Undesirable Emissions (5.15-5.25 GHz)	FCC 15.407(b)(1)	Pass
Undesirable Emissions (5.725-5.825GHz)	FCC 15.407(b)(4)	Pass
,	()()	
Undesirable Conducted Emissions	FCC 15.407(b)(6)/FCC 15.207	Pass
Undesirable Radiated Emissions	FCC 15.407(b)(6)/FCC15.209	Pass
Undesirable Emissions Limits	FCC 15.407(b)(7)/FCC15.205	Pass
5 0. 1.11.	500 45 407()	
Frequency Stability	FCC 15.407(g)	Pass
Band edge	ITU-R 55/1	Pass
bana cage	110-10-30/1	F a33
26dB Bandwidth	FCC Public Notice DA 02-2138	Pass
99% Bandwidth	RSS-210 Issue 7/RSS GEN Issue 2	Pass

Conditions During Testing

This list is a summary of the conditions noted for or modifications made to the equipment during testing.

Summary of Conditions
None



EQUIPMENT UNDER TEST (EUT)

Wireless 802.11a/b/g SD Card Radio

Manuf: Silex Technology America, Inc.

Model: SX-SDCAG

Serial: E1

PERIPHERAL DEVICES

The EUT was tested with the following peripheral device(s):

Evaluator Board

Manuf: Silex Technology America, Inc.

Model: SX-560-6900

Serial: NA

802.11 a/b/g Wireless Access Point

Manuf: 3-Com Model: WL-526 Serial: NA

Serial Server

Manuf: Silex Technology America, Inc.

Model: SX-560 Serial: SL004545

Power Supply

Manuf: Condor Model: HK-CH13-A05

Serial: NA

Laptop

Manuf: Sony Model: PCG-982L Serial: 8323330

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FCC PART 15 SUBPART E SECTION 15.407

This report contains EMC emissions test results under United States Federal Communications Commission (FCC) 47 15E requirements for Unlicensed National Information Infrastructure Devices, Subpart E.

Temperature And Humidity During Testing

The temperature during testing was within +15°C and + 35°C.

The relative humidity was between 20% and 75%.

15.31(e) Voltage Variations

15.31(e) The 5V DC supply voltage was varied + - 15 %, no variation in output power was observed.

15.31(m) Number Of Channels

2400-2483.5MHz = channels 1-11 5150 - 5250MHz = channels 36, 40, 44, 48 5725 - 5825MHz = channels 149, 153, 157, 161, 165

15.33(a) Frequency Ranges Tested

15.207 Conducted Emissions: 150 kHz – 30 MHz 15.209/15.225/15.247 Radiated Emissions: 9 kHz – 40GHz

15.203 Antenna Requirements

The antenna is an integral part of the EUT and is non-removable; therefore the EUT complies with Section 15.203 of the FCC rules.

EUT Operating Frequency

The EUT was operating at 5.15 - 5.25GHz and 5.725 - 5.825GHz.

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15.407(a)(1) RF OUTPUT POWER 5.15-5.25GHz

Engineer Name: Eddie Wong

Test Equipment						
Name Serial Cal Date Cal Due Asset						
Spectrum Analyzer	US44300438	07/23/2008	07/23/2010	02672		
3'-40GHz cable	NA	09/14/2009	09/14/2011	P02946		
Power Supply	988614	10/14/2009	10/14/2010	1438		

Setup

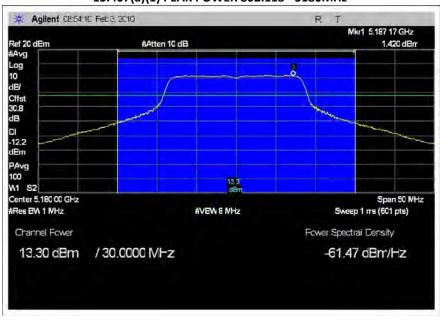
The EUT is placed on the test bench. The device is set in continuous transmit mode, the RF output power is measured at the antenna port in accordance with FCC Public Notice DA 02-2138, August 30, 2002, method 1, using the Band power measurement of a spectrum analyzer.

15.31(e) The 5V DC voltage was varied + - 15 %, no variation in output power was observed.

Modulation	Frequency (MHz)	Channel	Firmware setting	Power (dBm)	Power (W)
802.11a	5180	36	16	13.3	0.0214
802.11a	5200	40	16	13.2	0.0209
802.11a	5240	48	16	13.3	0.0214

Test Data Sheets

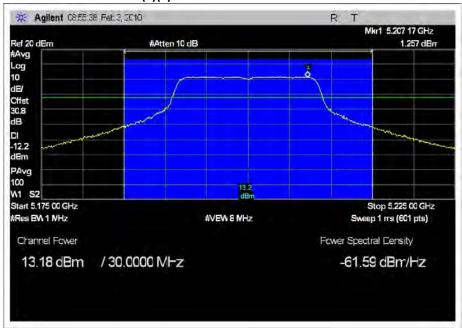
15.407(a)(1) PEAK POWER 802.11a - 5180MHz



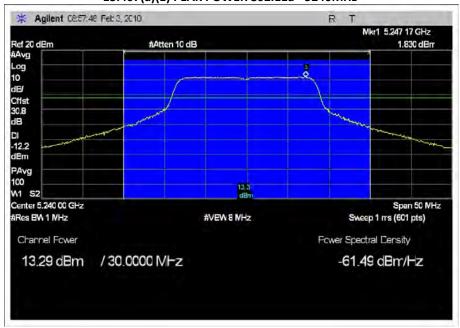
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15.407(a)(1) PEAK POWER 802.11a - 5200MHz



15.407(a)(1) PEAK POWER 802.11a - 5240MHz





Test Setup Photos



Test Setup Using Antenna Manufacture: Ethertronics



15.407(a)(3) RF OUTPUT POWER 5.725-5.825GHz

Engineer Name: Eddie Wong

Test Equipment						
Name Serial Cal Date Cal Due Asset						
Spectrum Analyzer	US44300438	07/23/2008	07/23/2010	02672		
3'-40GHz cable	NA	09/14/2009	09/14/2011	P02946		
Power Supply	988614	10/14/2009	10/14/2010	1438		

Setup

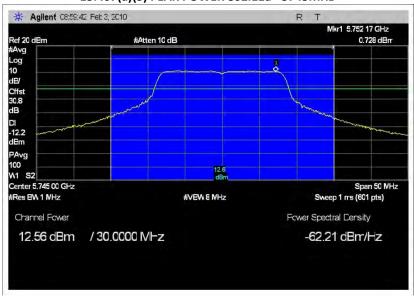
The EUT is placed on the test bench. The device is set in continuous transmit mode, the RF output power is measured at the antenna port in accordance with FCC Public Notice DA 02-2138, August 30, 2002, method 1, using the Band power measurement of a spectrum analyzer.

Modulation	Frequency (MHz)	Channel	Firmware setting	Power (dBm)	Power (W)
802.11a	5745	149	15	12.6	0.0182
802.11a	5765	153	15	12.6	0.0182
802.11a	5805	161	16	13.0	0.0200

15.31(e) The 5V DC supply voltage was varied + - 15 %, no variation in output power was observed.

Test Data Sheets

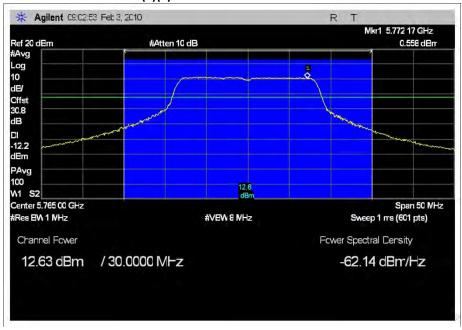
15.407(a)(3) PEAK POWER 802.11a - 5745MHz



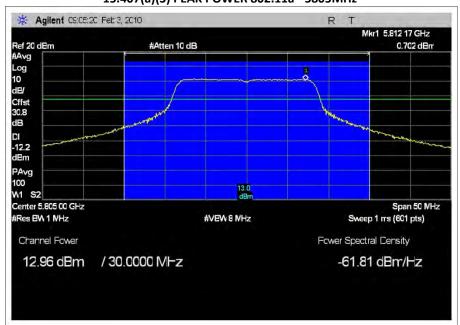
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15.407(a)(3) PEAK POWER 802.11a - 5765MHz



15.407(a)(3) PEAK POWER 802.11a - 5805MHz





Test Setup Photos



Test Setup Using Antenna Manufacture: Ethertronics



15.407(a)(5) PEAK POWER SPECTRAL DENSITY

Engineer Name: Eddie Wong

Test Equipment						
Name Serial Cal Date Cal Due Asset						
Spectrum Analyzer	US44300438	07/23/2008	07/23/2010	02672		
3'-40GHz cable	NA	09/14/2009	09/14/2011	P02946		

Setup

The EUT is placed on the test bench. The device is set in continuous transmit mode, the RF output power is measured at the antenna port in accordance with Peak Power Spectral Density measurement method 2, as described in FCC Public Notice DA 02-2138, August 30, 2002, with additional plot using band power function, integrated in 1MHz.

Tx Frequency: 5180MHz, 5200MHz, 5240MHz, 5745MHz, 5765MHz, 5805MHz.

Ch 36,40,48, 149, 153, 161. Modulation: 802.11a (54 mbps), Ch 36,40,48, 149, 153, 161.

Firmware Power setting: 16, 16, 16, 15, 15, 16

Power = 13.3 dBm (0.0214W) ,13.2dBm (0.0209W), 13.3dBm (0.0214), 12.6dBm(0.0182), 12.6dBm (0.0182W),

13.0dBm(0.0200W)

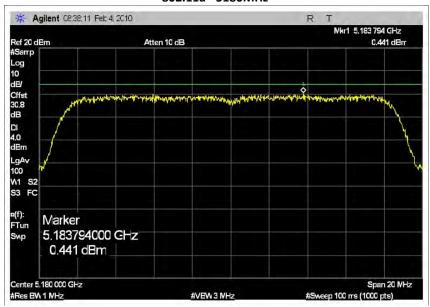
13°C, 58% Relative Humidity

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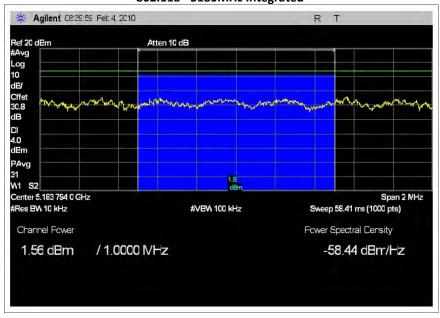


Test Data Sheets

15.407(a)(5) PEAK POWER SPECTRAL DENSITY 802.11a - 5180MHz

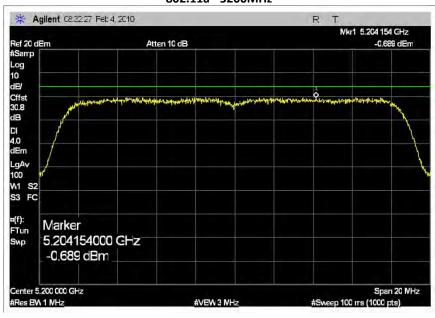


15.407(a)(5) PEAK POWER SPECTRAL DENSITY 802.11a - 5180MHz Integrated

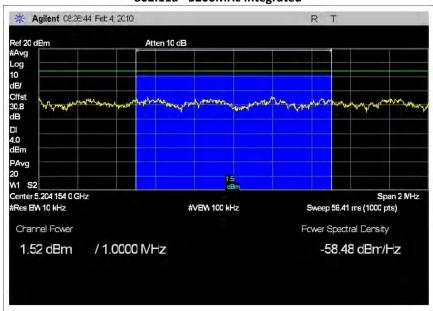




15.407(a)(5) PEAK POWER SPECTRAL DENSITY 802.11a - 5200MHz

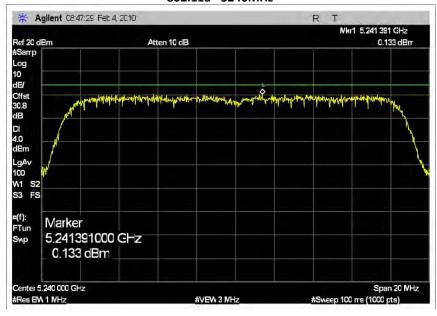


15.407(a)(5) PEAK POWER SPECTRAL DENSITY 802.11a - 5200MHz Integrated

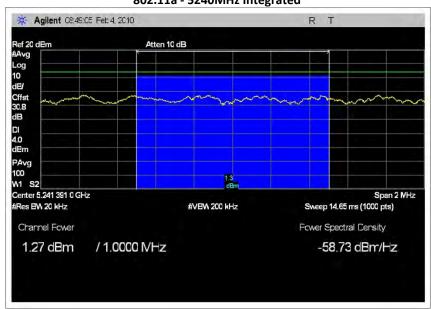




15.407(a)(5) PEAK POWER SPECTRAL DENSITY 802.11a - 5240MHz

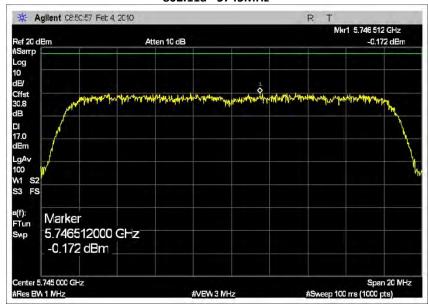


15.407(a)(5) PEAK POWER SPECTRAL DENSITY 802.11a - 5240MHz Integrated

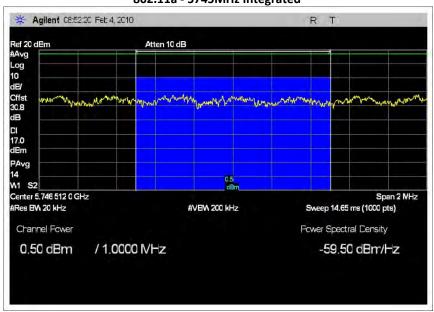




15.407(a)(5) PEAK POWER SPECTRAL DENSITY 802.11a - 5745MHz

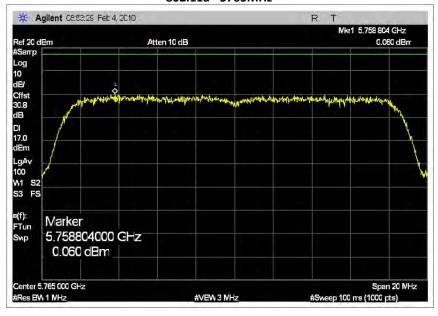


15.407(a)(5) PEAK POWER SPECTRAL DENSITY 802.11a - 5745MHz Integrated

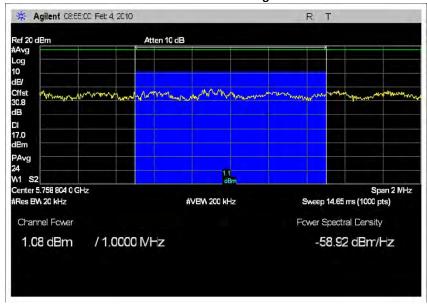




15.407(a)(5) PEAK POWER SPECTRAL DENSITY 802.11a - 5765MHz

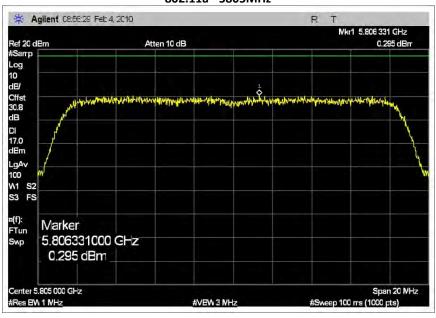


15.407(a)(5) PEAK POWER SPECTRAL DENSITY 802.11a - 5765MHz Integrated

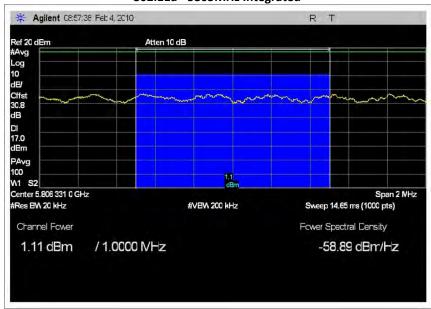




15.407(a)(5) PEAK POWER SPECTRAL DENSITY 802.11a - 5805MHz



15.407(a)(5) PEAK POWER SPECTRAL DENSITY 802.11a - 5805MHz Integrated





Test Setup Photos



Test Setup Using Antenna Manufacture: Ethertronics



15.407(a)(6) PEAK EXCURSION

Engineer Name: Eddie Wong

Test Equipment							
Name Serial Cal Date Cal Due Asset							
Spectrum Analyzer	US44300438	07/23/2008	07/23/2010	02672			
3'-40GHz cable	NA						

Setup

The EUT is placed on the test bench. The device is set in continuous transmit mode, the RF output power is measured at the antenna port in accordance with Peak excursion measurement method as described in FCC Public Notice DA 02-2138, August 30, 2002,

Freq: 5.15 - 5.25GHz, 5.725 - 5.825GHz

Tx Frequency: 5180MHz, 5200MHz, 5240MHz, 5745MHz, 5765MHz, 5805MHz.

Ch 36,40,48, 149, 153, 161. Modulation: 802.11a (54 mbps), Ch 36,40,48, 149, 153, 161.

Firmware Power setting: 16, 16, 16, 15, 15, 16

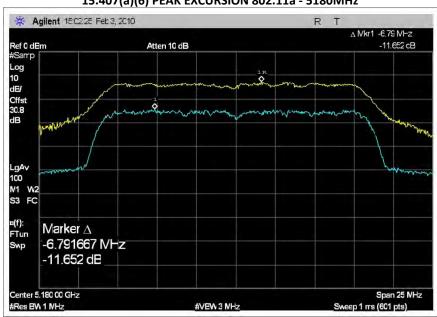
Power = 13.3 dBm (0.0214W) ,13.2dBm (0.0209W), 13.3dBm (0.0214), 12.6dBm(0.0182), 12.6dBm (0.0182W),

13.0dBm(0.0200W)

13°C, 58% Relative Humidity

Test Data Sheets

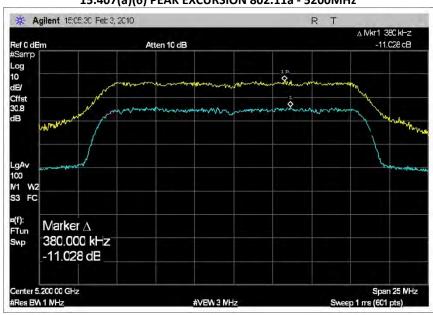
15.407(a)(6) PEAK EXCURSION 802.11a - 5180MHz



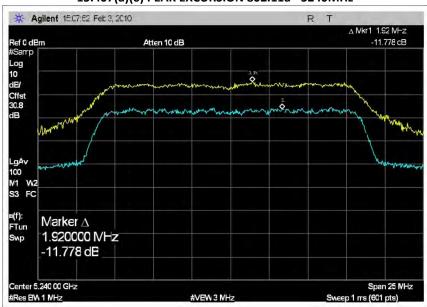
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15.407(a)(6) PEAK EXCURSION 802.11a - 5200MHz



15.407(a)(6) PEAK EXCURSION 802.11a - 5240MHz





15.407(a)(6) PEAK EXCURSION 802.11a - 5745MHz

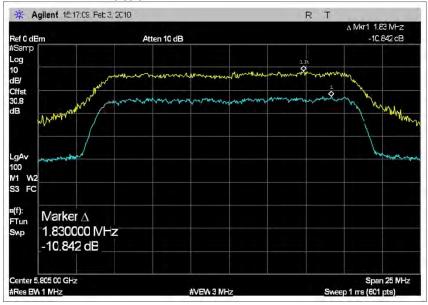


15.407(a)(6) PEAK EXCURSION 802.11a - 5765MHz





15.407(a)(6) PEAK EXCURSION 802.11a - 5805MHz



Test Setup Photos



Test Setup Using Antenna Manufacture: Ethertronics



15.407(b)(1) UNDESIRABLE EMISSIONS IN 5.15-5.25GHz

Limit Line Calculations for Antenna Manufactured by Ethertronics:

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

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

Limit: EIRP -27dBm/MHz

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

d= 3 meter

Power density formula

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

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

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

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

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



Test Data Sheets

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

Customer: Silex Technology, America, Inc.

Specification: FCC 15.407 (b)(1)

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

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

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

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

Model: SX-SDCAG

S/N: E1

Test Equipment:

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

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:

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

13.0dBm(0.0200W)

Antenna Manufacturer : Ethertronics Antenna Gain: 2.5dBi @2.5GHz Antenna Gain: 3.5dBi @5.0GHz

Transmit via Antenna #1

13°C, 58% relative humidity

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

Frequency range of measurement = 9 kHz- 40 GHz.

Frequency 9 kHz - 150 kHz RBW=200 Hz, VBW=200 Hz; 150 kHz- 30 MHz RBW=9 kHz, VBW=9 kHz; 30 MHz- 1000 MHz RBW=120 kHz, VBW=120 kHz; 1000 MHz- 40000 MHz RBW=1 MHz, VBW=1 MHz.

Transducer Legend:

T1=Bico AN00306_102211	T2=Log AN00300_102211
T3=Cable #10 ANP05050 041611	T4=Cable #15_05198_ Site A, 010511
T5=Pre_amp_HP8447D-AN00309-050210	T6=Heliax Cable 54' ANP05565 090410
T7=HF_pre AMP-1-26GHz_AN00786-072810.TRN	T8=Hi Freq_40GHz_2ft-AN02948-092111
T9=Horn Ant AN00849 060610	T10=Horn Ant AN01413_111310
T11=HPF 6GHz-AN02755-032510	

Meas	urement Data:	Re	eading lis	ted by ma	argin.	Test Distance: 3 Meters					
#	Freq	Rdng	T1	T2	T3	T4	Dist	Corr	Spec	Margin	Polar
	_		T5	T6	T7	T8			_		
			T9	T10	T11						
	MHz	dΒμV	dB	dB	dB	dB	Table	$dB\muV/m$	$dB\muV/m$	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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	11611 500	51.9	ι Ο Ο	ι Λ Λ	ι Ο Ο	ι Ο Ο	+0.0	65.9	71.7	5 0	Homin
٨	11611.500 M	51.9	$+0.0 \\ +0.0$	+0.0 +9.6	+0.0 -35.9	$+0.0 \\ +1.1$	+0.0	65.9	71.7	-5.8	Horiz
	IVI		+38.8	+9.0	-33.9 +0.4	+1.1			Z_802.11a_5	805M	
			±30.0	+0.0	+0.4				Hz	003IVI	
3	11529.420	39.5	+0.0	+0.0	+0.0	+0.0	+0.0	53.5	71.7	-18.2	Vert
	M		+0.0	+9.6	-35.9	+1.1					
P	Ave		+38.8	+0.0	+0.4				Y_802.11a_5	765M	
									Hz		
^	11529.420	52.4	+0.0	+0.0	+0.0	+0.0	+0.0	66.4	71.7	-5.3	Vert
	M		+0.0	+9.6	-35.9	+1.1			** 000 11 #		
			+38.8	+0.0	+0.4				Y_802.11a_5	/65M	
^	11529.330	44.5	+0.0	+0.0	+0.0	+0.0	+0.0	58.5	Hz 71.7	-13.2	Vert
	M	44.5	+0.0	+9.6	-35.9	+1.1	+0.0	36.3	/1./	-13.2	VCIT
	141		+38.8	+0.0	+0.4	11.1			Z_802.11a_5	765M	
									Hz		
6	11491.330	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					
A	Ave		+38.8	+0.0	+0.4				Z_802.11a_5		
									Hz . power 16	5, 10	
	11101 220	72 0		0.0		0.0	0.0		dB pad	4.0	** .
^	11491.330	52.8	+0.0	+0.0	+0.0	+0.0	+0.0	66.8	71.7	-4.9	Horiz
	M		+0.0 +38.8	+9.6 +0.0	-35.9 +0.4	+1.1			Z_802.11a_5	74514	
			+30.0	+0.0	+0.4				Hz . power 16		
									dB pad	5, 10	
8	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					
P	Ave		+38.8	+0.0	+0.4				Y_802.11a_5	745M	
									Hz		
9	17236.330	40.4	+0.0	+0.0	+0.0	+0.0	-10.0	52.6	71.7	-19.1	Horiz
١,	M		+0.0	+12.5	-33.7	+1.5			7 002 11 7	74534	
F	Ave		+41.6	+0.0	+0.3				Z_802.11a_5		
									Hz, power=1 dB pad, 1 me		
^	17236.330	53.5	+0.0	+0.0	+0.0	+0.0	-10.0	65.7	71.7	-6.0	Horiz
1	M	23.3	+0.0	+12.5	-33.7	+1.5	10.0	00.7	,	0.0	110112
			+41.6	+0.0	+0.3				Z_802.11a_5	745M	
									Hz, power=1		
									dB pad, 1 me		
11	11610.670	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					
	Ave		+38.8	+0.0	+0.4		0.0	c= 1	X_5805MHz		
^	11610.670	51.1	+0.0	+0.0	+0.0	+0.0	+0.0	65.1	71.7	-6.6	Horiz
	M		+0.0 +38.8	+9.6 +0.0	-35.9 +0.4	+1.1			X_5805MHz		
13	17235.000	40.2	+38.8	+0.0	+0.4	+0.0	-10.0	52.4	71.7	-19.3	Horiz
13	M	70.2	+0.0	+12.5	-33.7	+1.5	-10.0	32.4	/1./	17.3	110112
A	Ave		+41.6	+0.0	+0.3	. 1.5			X_802.11a_5	745M	
	-								Hz		



^ 17235.000	57.0	+0.0	+0.0	+0.0	+0.0	-10.0	69.2	71.7 -2.5	Horiz
M		+0.0 +41.6	$+12.5 \\ +0.0$	-33.7	+1.5			X_802.11a_5745M	
		+41.0	+0.0	+0.3				A_602.11a_5745Wi Hz	
^ 17235.000	44.8	+0.0	+0.0	+0.0	+0.0	-10.0	57.0	71.7 -14.7	Horiz
M	44.0	+0.0	+12.5	-33.7	+1.5	10.0	37.0	71.7 14.7	HOHZ
1,1		+41.6	+0.0	+0.3				Y_802.11a_5745M	
								Hz	
16 11528.330	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_5765M	
								Hz	
^ 11528.330	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			7, 000 11 F76FM	
		+38.8	+0.0	+0.4				Z_802.11a_5765M	
18 17289.000	39.7	+0.0	ΙΩΩ	+ΩΩ	10.0	-10.0	52.2	Hz 71.7 -19.5	Horiz
18 1/289.000 M	39.7	+0.0 +0.0	+0.0 +12.5	+0.0 -33.6	+0.0 +1.5	-10.0	32.2	/1./ -19.5	HOUS
Ave		+41.8	+0.0	+0.3	+1.5			X_802.11a_5765M	
1100		111.0	10.0	10.5				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_5765M	
								Hz	
20 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-	
	40.4							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 +38.8	+9.6 +0.0	-35.9 +0.4	+1.1			Y-	
		+30.0	+0.0	+0.4				802.11a_5805MHz	
22 11606.020	37.3	+0.0	+0.0	+0.0	+0.0	+0.0	51.3	71.7 -20.4	Vert
M	37.3	+0.0	+9.6	-35.9	+1.1	10.0	31.3	71.7 20.1	v Crt
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	71.7 -9.2	Vert
M		+0.0	+9.6	-35.9	+1.1				
		+38.8	+0.0	+0.4				X_5805MHz	
24 17411.330	37.9	+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	- - :
^ 17411.330	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			V EOOENII	
26 11400 000	27.0	+42.4	+0.0	+0.4	.00	.00	£1.0	X_5805MHz	11
26 11490.000 M	37.0	$+0.0 \\ +0.0$	+0.0 +9.6	+0.0 -35.9	$+0.0 \\ +1.1$	+0.0	51.0	71.7 -20.7	Horiz
Ave		+38.8	+9.6 +0.0	-33.9 +0.4	+1.1			X_802.11a_5745M	
Ave		±30.0	+0.0	±0. 4				A_002.11a_3/43WI Hz	
^ 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	02.0		110111
		+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			X 000 11 5745 4	
			+38.8	+0.0	+0.4				Y_802.11a_5745M	
29	17283.330	38.3	+0.0	+0.0	+0.0	+0.0	-10.0	50.8	Hz 71.7 -20.9	Horiz
29	M	36.3	+0.0 +0.0	+12.5	-33.6	+1.5	-10.0	30.8	71.7 -20.9	попи
	Ave		+41.8	+0.0	+0.3	11.5			Z_802.11a_5765M	
	1110		111.0	10.0	10.5				Hz	
٨	17283.330	52.6	+0.0	+0.0	+0.0	+0.0	-10.0	65.1	71.7 -6.6	Horiz
	M		+0.0	+12.5	-33.6	+1.5				
			+41.8	+0.0	+0.3				Z_802.11a_5765M	
									Hz	
31	11525.930	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	
٨	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			V 902 11 . 5765M	
			+38.8	+0.0	+0.4				X_802.11a_5765M Hz	
33	6906.567M	44.1	+0.0	+0.0	+0.0	+0.0	+0.0	50.5	71.7 -21.2	Horiz
	Ave	44.1	+0.0	+6.7	-36.5	+0.8	+0.0	30.3	Z_802.11a_5180M	110112
	1110		+34.9	+0.0	+0.5	10.0			Hz	
34	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			,	
	Ave		+38.8	+0.0	+0.4				X_802.11a_5765M	
									Hz	
٨	11526.000	49.6	+0.0	+0.0	+0.0	+0.0	+0.0	63.6	71.7 -8.1	Horiz
	M		+0.0	+9.6	-35.9	+1.1				
			+38.8	+0.0	+0.4				X_802.11a_5765M	
									Hz	
36	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			X 000 11 5545X	
	Ave		+38.8	+0.0	+0.4				X_802.11a_5745M	
٨	11490.000	51.5	+0.0	+0.0	+0.0	+0.0	+0.0	65.5	Hz 71.7 -6.2	Vert
	M	31.3	+0.0	+0.0 +9.6	-35.9	+0.0	+0.0	05.5	71.7 -0.2	vert
	171		+38.8	+9.0	-33.9 +0.4	⊤1.1			Y_802.11a_5745M	
			1 20.0	10.0	10.7				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	+0.0	+9.6	-35.9	+1.1	. 0.0	02.0	, , , , , ,	. 010
			+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	71.7 -13.5	Vert
	M		+0.0	+9.6	-35.9	+1.1				
			+38.8	+0.0	+0.4				Z_802.11a_5745M	
									Hz	
40	17421.670	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			7 000 11 500535	
	Ave		+42.4	+0.0	+0.4				Z_802.11a_5805M	
									Hz	



^ 17421.670	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			F 000 11 F00 F3 5	
		+42.4	+0.0	+0.4				Z_802.11a_5805M	
40 15:00 000	21.0	0.0	0.0			0.0	40.0	Hz	** '
42 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			7, 000 11 - 5000M	
Ave		+38.0	+0.0	+0.5				Z_802.11a_5200M	
43 6986.667M	42.3	+0.0	+0.0	+0.0	ι Ο Ο	+0.0	48.9	Hz 71.7 -22.8	Horiz
43 0980.007WI Ave	42.3	+0.0	+6.7	-36.4	$+0.0 \\ +0.8$	+0.0	40.9	71.7 -22.8 Z_802.11a_5240M	попх
Ave		+35.0	+0.7	+0.5	+0.8			Hz	
44 15600.000	31.7	+0.0	+0.0	+0.0	+0.0	+0.0	48.8	71.7 -22.9	Horiz
M	31.7	+0.0	+11.8	-34.6	+1.4	10.0	40.0	71.7 22.9	HOHZ
Ave		+38.0	+0.0	+0.5	. 1. 1			Y_802.11a_5200M	
11,0		. 2010						Hz	
45 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	
47 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	
		+34.9	+0.0	+0.5				Hz	
48 15720.000	31.0	+0.0	+0.0	+0.0	+0.0	+0.0	48.3	71.7 -23.4	Horiz
M		+0.0	+11.8	-34.4	+1.4				
Ave		+38.0	+0.0	+0.5				Z_802.11a_5240M	
40 45 600 000	21.2	0.0	0.0	0.0	0.0	0.0	40.0	Hz	**
49 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			V 902 11 - 5200M	
Ave		+38.0	+0.0	+0.5				Y_802.11a_5200M	
50 10400.000	36.3	+0.0	+0.0	+0.0	+0.0	+0.0	48.2	Hz 71.7 -23.5	Horiz
30 10400.000 M	30.3	+0.0	+8.8	+0.0 -36.2	+0.0	+0.0	40.2	11.1 -23.3	110112
Ave		+38.0	+0.0	+0.3	+1.0			Y_802.11a_5200M	
71,40		1 20.0	10.0	10.5				Hz	
51 6933.497M	41.8	+0.0	+0.0	+0.0	+0.0	+0.0	48.2	71.7 -23.5	Horiz
Ave	11.0	+0.0	+6.7	-36.5	+0.8		.0.2	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	71.7 -17.4	Horiz
		+0.0	+6.7	-36.5	+0.8			Z_802.11a_5200M	
		+34.9	+0.0	+0.5				Hz	
53 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	
55 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	



	6006 5001	467	0.0	0.0	0.0	0.0	0.0	50.0	71.7 10.4	T.7 .
^	6986.533M	46.7	+0.0	+0.0	+0.0	+0.0	+0.0	53.3	71.7 -18.4	Vert
			+0.0 +35.0	$+6.7 \\ +0.0$	-36.4	+0.8			Y_802.11a_5240M Hz	
57	15542.500	30.7	+0.0	+0.0	+0.5	+0.0	+0.0	47.7	71.7 -24.0	Horiz
31	M	30.7	+0.0 +0.0	+11.7	-34.6	+1.4	+0.0	47.7	71.7 -24.0	HOHZ
	Ave		+38.0	+0.0	+0.5	⊤1. 4			Z_802.11a_5180M	
	1110		130.0	10.0	10.5				Hz	
٨	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	
59		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	
^	11610 000	45.4	.00	.0.0	. 0. 0	. 0. 0	. 0. 0	50.4	Hz 12.2	77.
٨	11010.000	45.4	+0.0	+0.0	+0.0	+0.0	+0.0	59.4	71.7 -12.3	Vert
	M		+0.0 +38.8	+9.6 +0.0	-35.9 +0.4	+1.1			Z_802.11a_5805M	
			+36.6	+0.0	+0.4				Hz	
61	17235.820	24.9	+0.0	+0.0	+0.0	+0.0	+0.0	47.1	71.7 -24.6	Vert
01	M	>	+0.0	+12.5	-33.7	+1.5	. 0.0	.,,,	7117	, 010
	Ave		+41.6	+0.0	+0.3				Z_802.11a_5745M	
									Hz	
٨	17235.820	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				
			+41.6	+0.0	+0.3				Z_802.11a_5745M	
							10.0		Hz	
63	17235.000	34.9	+0.0	+0.0	+0.0	+0.0	-10.0	47.1	71.7 -24.6	Vert
	M		+0.0	+12.5	-33.7	+1.5			V 900 11 - 5745M	
	Ave		+41.6	+0.0	+0.3				X_802.11a_5745M Hz	
٨	17235.000	46.6	+0.0	+0.0	+0.0	+0.0	-10.0	58.8	71.7 -12.9	Vert
	M	10.0	+0.0	+12.5	-33.7	+1.5	10.0	30.0	71.7 12.7	VOIC
			+41.6	+0.0	+0.3	. 1.0			X_802.11a_5745M	
									Hz	
65	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	
	10100 000	2.1.0					0.0		Hz	** .
66	10400.000	34.8	+0.0	+0.0	+0.0	+0.0	+0.0	46.7	71.7 -25.0	Horiz
	M		+0.0	+8.8	-36.2	+1.0			7 900 110 5000 4	
	Ave		+38.0	+0.0	+0.3				Z_802.11a_5200M Hz	
67	17289.000	34.1	+0.0	+0.0	+0.0	+0.0	-10.0	46.6	71.7 -25.1	Vert
51	M	5 1.1	+0.0	+12.5	-33.6	+1.5	10.0	.0.0	, 1., 23.1	, 010
	Ave		+41.8	+0.0	+0.3				X_802.11a_5765M	
				. 0.0	. 3.0				Hz	
٨	17289.000	45.4	+0.0	+0.0	+0.0	+0.0	-10.0	57.9	71.7 -13.8	Vert
	M		+0.0	+12.5	-33.6	+1.5				
			+41.8	+0.0	+0.3				X_802.11a_5765M	
									Hz	



69		34.0	+0.0	+0.0	+0.0	+0.0	-10.0	46.6	71.7 -25.1	Vert
	M		+0.0	+12.5	-33.6	+1.5			V 000 11 57653	r
	Ave		+41.9	+0.0	+0.3				Y_802.11a_5765M Hz	L
٨	17292.220	45.5	+0.0	+0.0	+0.0	+0.0	-10.0	58.1	71.7 -13.6	Vert
	M	43.3	+0.0 +0.0	+12.5	-33.6	+1.5	-10.0	36.1	/1./ -13.0	Vert
	141		+41.9	+0.0	+0.3	11.5			Y_802.11a_5765M	[
									Hz	
71	11529.330	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_5765M	
	15220 500	2.1.2	0.0		0.0		10.0	4	Hz	**
72	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			V 802 11a 5745N	r
	Ave		+41.6	+0.0	+0.3				Y_802.11a_5745M Hz	l
٨	17230.500	46.2	+0.0	+0.0	+0.0	+0.0	-10.0	58.4	71.7 -13.3	Vert
	M	.0.2	+0.0	+12.5	-33.7	+1.5	20.0	20.1	, 11.	, 011
			+41.6	+0.0	+0.3				Y_802.11a_5745M	[
									Hz	
74	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	
^	17415 000	22.7	.00	.00	. 0. 0	. 0. 0	10.0	560	Hz	17. 4
^	17415.000 M	33.7	$+0.0 \\ +0.0$	+0.0 +12.5	+0.0 -33.6	+0.0 +1.5	+0.0	56.9	71.7 -14.8	Vert
	1 V1		+42.4	+12.3 +0.0	-33.0 +0.4	+1.5			Z_802.11a_5805M	
			2.1	10.0					Hz	
76	15540.000	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_5180M	[
	4 # # 10 5	40 -							Hz	
٨	133 10.000	40.9	+0.0	+0.0	+0.0	+0.0	+0.0	57.9	71.7 -13.8	Vert
	M					+1.4			V 000 11 - 51003	ſ
			+38.0	+0.0	+0.5					L
٨	15540 000	39.5	+0.0	+0.0	+0.0	+0.0	+0.0	56.5		Vert
		37.3					10.0	50.5	11.1 -13.2	V CIT
	111					. 1. 1			Z 802.11a 5180M	
									Hz	
79	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	[
	11505 000	44.0			0.0		0.0	5 0.0	Hz	***
٨		44.8					+0.0	58.8	71.7 -12.9	Horiz
	M					+1.1			V 900 11 . 5765N	ſ
			+38.8	+0.0	+0.4					L
	15720 000	28.3	+0.0	+0.0	+0.0	+0.0	+0.0	45.6		Horiz
21	13/20.000	20.5					10.0	₹3.0	71.7 -20.1	TIOTIZ
81	M		+0.0	+118	-344	+1.4				
81	M Ave		$+0.0 \\ +38.0$	$+11.8 \\ +0.0$	-34.4 +0.5	+1.4			Y_802.11a_5240M	[
79	M 15540.000 M 11527.800 M Ave 11527.800 M	39.5	+0.0 +38.0 +0.0 +0.0 +38.0 +0.0 +38.8 +0.0 +38.8 +0.0	+11.7 +0.0 +11.7 +0.0 +0.0 +9.6 +0.0 +9.6 +0.0 +0.0	-34.6 +0.5 +0.0 -34.6 +0.5 +0.0 -35.9 +0.4 +0.0 -35.9 +0.4	+0.0 +1.4 +0.0 +1.1 +0.0 +1.1	+0.0	56.5	Y_802.11a_5180M Hz 71.7 -15.2 Z_802.11a_5180M Hz 71.7 -25.8 Y_802.11a_5765M	Vert Horiz Horiz



00	10490 000	22.6	.00	.00	. 0. 0		100	15 (71.7 26.1	II'
82	10480.000 M	33.6	$+0.0 \\ +0.0$	+0.0 +8.9	+0.0 -36.2	+0.0 +1.0	+0.0	45.6	71.7 -26.1	Horiz
	Ave		+38.0	+0.0	+0.3	+1.0			Z_802.11a_5240M	
			. 20.0	. 0.0	10.5				Hz	
83	10359.830	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_5180M	
٨	10359.830	48.0	+0.0	+0.0	+0.0	+0.0	+0.0	59.9	Hz 71.7 -11.8	Homin
	10339.830 M	46.0	+0.0 +0.0	+8.8	-36.2	$+0.0 \\ +1.0$	+0.0	39.9	/1./ -11.8	Horiz
	171		+38.0	+0.0	+0.3	11.0			Z 802.11a 5180M	
									Hz	
85	15600.000	28.1	+0.0	+0.0	+0.0	+0.0	+0.0	45.2	71.7 -26.5	Vert
	M		+0.0	+11.8	-34.6	+1.4				
	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 71.7 -12.4	Vert
	13000.000 M	42.2	+0.0 +0.0	+0.0 +11.8	+0.0 -34.6	+0.0 +1.4	±0.0	37.3	/1./ -12.4	v elt
	111		+38.0	+0.0	+0.5				Y_802.11a_5200M	
									Hz	
^	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			TY 000 11 #2003 F	
			+38.0	+0.0	+0.5				X_802.11a_5200M	
88	10400.000	33.3	+0.0	+0.0	+0.0	+0.0	+0.0	45.2	Hz 71.7 -26.5	Vert
00	M	22.2	+0.0 +0.0	+8.8	-36.2	+1.0	10.0	73.2	71.7 -20.3	v CI t
	Ave		+38.0	+0.0	+0.3				X_802.11a_5200M	
									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			V 002 11 - 5200M	
			+38.0	+0.0	+0.3				X_802.11a_5200M 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	. 0.0	02	711,	, 010
			+38.0	+0.0	+0.3				Y_802.11a_5200M	
									Hz	
91	10480.000	33.1	+0.0	+0.0	+0.0	+0.0	+0.0	45.1	71.7 -26.6	Horiz
	M Ava		$+0.0 \\ +38.0$	+8.9 ±0.0	-36.2 +0.3	+1.0			X_802.11a_5240M	
	Ave		+38.0	+0.0	+0.3				A_802.11a_5240M Hz	
٨	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	. 0.0	20.7	, 11,	
			+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 202 11a 5240M	
			+38.0	+0.0	+0.3				X_802.11a_5240M Hz	
٨	10480.000	44.8	+0.0	+0.0	+0.0	+0.0	+0.0	56.8	71.7 -14.9	Horiz
	М		+0.0	+8.9	-36.2	+1.0				
			+38.0	+0.0	+0.3				Y_802.11a_5240M	
									Hz	



95 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_5	180M	
								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_5	180M	
								Hz		
97 11610.000	31.1	+0.0	+0.0	+0.0	+0.0	+0.0	45.1	71.7	-26.6	Horiz
M		+0.0	+9.6	-35.9	+1.1					
Ave		+38.8	+0.0	+0.4				Y-		
								802.11a_5805	MHz	
^ 11610.000	43.1	+0.0	+0.0	+0.0	+0.0	+0.0	57.1	71.7	-14.6	Horiz
M		+0.0	+9.6	-35.9	+1.1					
		+38.8	+0.0	+0.4				Y-		
								802.11a_5805	MHz	
99 10479.000	33.0	+0.0	+0.0	+0.0	+0.0	+0.0	45.0		-26.7	Vert
M		+0.0	+8.9	-36.2	+1.0					
Ave		+38.0	+0.0	+0.3				Z_802.11a_52	240M	
								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_52	240M	
								Hz		
101 10358.000	33.1	+0.0	+0.0	+0.0	+0.0	+0.0	45.0		-26.7	Vert
M		+0.0	+8.8	-36.2	+1.0					
Ave		+38.0	+0.0	+0.3				X_802.11a_5	180M	
								Hz		
^ 10358.000	47.4	+0.0	+0.0	+0.0	+0.0	+0.0	59.3		-12.4	Vert
M		+0.0	+8.8	-36.2	+1.0					
		+38.0	+0.0	+0.3				X_802.11a_5	180M	
								Hz		
103 17415.000	31.8	+0.0	+0.0	+0.0	+0.0	-10.0	45.0		-26.7	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	-10.0	57.5		-14.2	Horiz
M			+12.5	-33.6	+1.5					
		+42.4	+0.0	+0.4				Y-		
								802.11a_5805	MHz	
105 17411.330	31.7	+0.0	+0.0	+0.0	+0.0	-10.0	44.9		-26.8	Vert
M		+0.0	+12.5	-33.6	+1.5					
Ave		+42.4	+0.0	+0.4				X_5805MHz		
^ 17411.330	42.1	+0.0	+0.0	+0.0	+0.0	-10.0	55.3		-16.4	Vert
M		+0.0	+12.5	-33.6	+1.5				-	
		+42.4	+0.0	+0.4				X_5805MHz		
107 17416.170	31.6	+0.0	+0.0	+0.0	+0.0	-10.0	44.8		-26.9	Vert
M		+0.0	+12.5	-33.6	+1.5					
Ave		+42.4	+0.0	+0.4				Y-		
								802.11a_5805	MHz	
								50 2 .11 u _5005		



^	17416.170	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			V	
			+42.4	+0.0	+0.4				Y-	
100	17201 000	21.9	100	ι Ο Ο	+ O O	100	+0.0	44.5	802.11a_5805MHz 71.7 -27.2	Vert
109	17301.000 M	21.9	$+0.0 \\ +0.0$	+0.0 +12.5	+0.0 -33.6	+0.0 +1.5	+0.0	44.5	71.7 -27.2	vert
	Ave		+0.0 +41.9	+12.3 $+0.0$	-33.0 +0.3	+1.5			Z_802.11a_5765M	
	Ave		171.7	10.0	10.5				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_5765M	
									Hz	
111	10480.000	32.4	+0.0	+0.0	+0.0	+0.0	+0.0	44.4	71.7 -27.3	Horiz
	M		+0.0	+8.9	-36.2	+1.0			** 00* 44 ***	
	Ave		+38.0	+0.0	+0.3				Y_802.11a_5240M	
112	10400 000	22.2	.00	.00	.00	.00	.00	442	Hz	V 4
112	10480.000 M	32.3	$+0.0 \\ +0.0$	+0.0 +8.9	+0.0	+0.0	+0.0	44.3	71.7 -27.4	Vert
	Ave		+38.0	+8.9 +0.0	-36.2 +0.3	+1.0			X_802.11a_5240M	
	1110		130.0	+0.0	FU.3				A_602.11a_5240M Hz	
٨	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_5240M	
									Hz	
114	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	
	4.5520.000	20.0			0.0				Hz	**
٨	15720.000	38.8	+0.0	+0.0	+0.0	+0.0	+0.0	56.1	71.7 -15.6	Vert
	M		+0.0 +38.0	+11.8 +0.0	-34.4 +0.5	+1.4			X_802.11a_5240M	
			+36.0	+0.0	+0.5				Hz	
٨	15720.000	38.4	+0.0	+0.0	+0.0	+0.0	+0.0	55.7	71.7 -16.0	Vert
	M	20.1	+0.0	+11.8	-34.4	+1.4	. 0.0	23.7	, 1., 10.0	, 011
			+38.0	+0.0	+0.5				Y_802.11a_5240M	
									Hz	
117	15720.000	26.7	+0.0	+0.0	+0.0	+0.0	+0.0	44.0	71.7 -27.7	Horiz
	M			+11.8	-34.4	+1.4				
	Ave		+38.0	+0.0	+0.5				X_802.11a_5240M	
	4##00 000	42.2					0.0		Hz	** .
^	15720.000	43.2	+0.0	+0.0	+0.0	+0.0	+0.0	60.5	71.7 -11.2	Horiz
	M		+0.0	+11.8	-34.4	+1.4			7 000 11 - 5040 4	
			+38.0	+0.0	+0.5				Z_802.11a_5240M Hz	
٨	15720.000	40.4	+0.0	+0.0	+0.0	+0.0	+0.0	57.7	71.7 -14.0	Horiz
	M	70.7	+0.0	+11.8	-34.4	+1.4	10.0	31.1	/1./ -14.0	110112
	171		+38.0	+0.0	+0.5	11.7			Y_802.11a_5240M	
			. 20.0	. 0.0	. 3.2				Hz	
٨	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_5240M	
									Hz	



121 15540.000 27.0 +0.0 +0.0 +0.0 +0.0 +0.0 44.0 71.7 -2 M +0.0 +11.7 -34.6 +1.4	7.7 Horiz
M + 0.0 + 11.7 - 34.6 + 1.4	
Ave +38.0 +0.0 +0.5 Y_802.11a_518	0 M
Hz	
	5.6 Horiz
M +0.0 +11.7 -34.6 +1.4	
+38.0 +0.0 +0.5 Y_802.11a_518	0M
Hz	
	7.7 Vert
M +0.0 +11.7 -34.6 +1.4	23.4
Ave +38.0 +0.0 +0.5 Z_802.11a_5180)M
Hz	
	8.2 Horiz
M +0.0 +9.6 -35.9 +1.1	53.f
Ave +38.8 +0.0 +0.4 Y_802.11a_574	5M
Hz	
	8.2 Vert
M +0.0 +11.7 -34.6 +1.4	03.6
Ave +38.0 +0.0 +0.5 X_802.11a_518	0M
Hz	
	6.7 Vert
M +0.0 +11.7 -34.6 +1.4	03.6
+38.0 +0.0 +0.5 X_802.11a_518	0M
Hz	0.4
	8.4 Vert
M +0.0 +8.8 -36.2 +1.0	
Ave +38.0 +0.0 +0.3 Z_802.11a_5200)M
Hz	6 T XI .
	6.7 Vert
M +0.0 +8.8 -36.2 +1.0)
+38.0 +0.0 +0.3 Z_802.11a_5200)IVI
Hz	0.0 17
	8.8 Vert
M +0.0 +11.8 -34.4 +1.4	OM.
Ave +38.0 +0.0 +0.5 Y_802.11a_524	UIVI
Hz	8.9 Vert
Ave +0.0 +6.7 -36.4 +0.8 Z_802.11a_5240	J1V1
+35.0 +0.0 +0.5 Hz	2.2 Vert
+0.0 +6.7 -36.4 +0.8 Z_802.11a_5240	JIVI
+35.0 +0.0 +0.5 Hz	9.0 II
	8.9 Horiz
M +0.0 +8.8 -36.2 +1.0	OM.
Ave +38.0 +0.0 +0.3 Y_802.11a_518	UIVI
Hz	7.0
	7.0 Horiz
M +0.0 +8.8 -36.2 +1.0	ON I
Hz +0.0 +8.8 -36.2 +1.0 +38.0 +0.0 +0.3 Y_802.11a_5180 Hz	0M



124 550 00015	45.0	0.0	10.4	0.4		0.0	42.0		20.0	** '
134 550.000M	47.3	+0.0	+18.4	+0.4	+4.3	+0.0	42.8	71.7	-28.9	Horiz
QP		-27.6 +0.0	$^{+0.0}_{+0.0}$	$^{+0.0}_{+0.0}$	+0.0					
135 15600.000	25.5	+0.0	+0.0	+0.0	+0.0	+0.0	42.6	71.7	-29.1	Horiz
M	23.3	+0.0	+11.8	-34.6	+1.4	10.0	72.0	/1./	-27.1	HOHZ
Ave		+38.0	+0.0	+0.5	11.4			X 802.11a 5	200M	
1110		150.0	10.0	10.5				Hz	200111	
^ 15600.000	45.3	+0.0	+0.0	+0.0	+0.0	+0.0	62.4	71.7	-9.3	Horiz
M		+0.0	+11.8	-34.6	+1.4					
		+38.0	+0.0	+0.5				Z_802.11a_5	200M	
								Hz		
^ 15600.000	42.7	+0.0	+0.0	+0.0	+0.0	+0.0	59.8	71.7	-11.9	Horiz
M		+0.0	+11.8	-34.6	+1.4			¥7 00 0 11 . 5	2001	
		+38.0	+0.0	+0.5				Y_802.11a_5	200M	
^ 15600.000	38.1	+0.0	+0.0	+0.0	+0.0	+0.0	55.2	Hz 71.7	-16.5	Horiz
M	36.1	+0.0	+11.8	-34.6	+0.0	+0.0	33.2	/1./	-10.5	ПОПЕ
1V1		+38.0	+0.0	+0.5	⊤1. 4			X_802.11a_5	200M	
		130.0	10.0	10.5				Hz	200111	
139 15602.500	25.5	+0.0	+0.0	+0.0	+0.0	+0.0	42.6	71.7	-29.1	Vert
M		+0.0	+11.8	-34.6	+1.4					
Ave		+38.0	+0.0	+0.5				Z_802.11a_5	200M	
								Hz		
^ 15602.500	37.3	+0.0	+0.0	+0.0	+0.0	+0.0	54.4	71.7	-17.3	Vert
M		+0.0	+11.8	-34.6	+1.4					
		+38.0	+0.0	+0.5				Z_802.11a_52 Hz	200M	
141 10483.330	30.6	+0.0	+0.0	+0.0	+0.0	+0.0	42.6	71.7	-29.1	Vert
M		+0.0	+8.9	-36.2	+1.0					
Ave		+38.0	+0.0	+0.3				Y_802.11a_5	240M	
								Hz		
^ 10483.330	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			V 902 11 - 5	24014	
		+38.0	+0.0	+0.3				Y_802.11a_5 Hz	240M	
143 15719.000	25.2	+0.0	+0.0	+0.0	+0.0	+0.0	42.5	71.7	-29.2	Vert
143 13719.000 M	43.4	+0.0	+11.8	-34.4	+1.4	10.0	74.3	/1./	4€.	v C11
Ave		+38.0	+0.0	+0.5				Z_802.11a_5	240M	
			. 0.0					Hz		
^ 15719.000	36.2	+0.0	+0.0	+0.0	+0.0	+0.0	53.5	71.7	-18.2	Vert
M		+0.0	+11.8	-34.4	+1.4					
		+38.0	+0.0	+0.5				Z_802.11a_5	240M	
								Hz		
145 550.000M	47.0	+0.0	+18.4	+0.4	+4.3	+0.0	42.5	71.7	-29.2	Horiz
QP		-27.6	+0.0	+0.0	+0.0					
A	40.6	+0.0	+0.0	+0.0	. 1 2	.0.0	45.1	71.7	26.6	TT. *
^ 550.000M	49.6	+0.0	+18.4	+0.4	+4.3	+0.0	45.1	71.7	-26.6	Horiz
		-27.6 +0.0	$+0.0 \\ +0.0$	$^{+0.0}_{+0.0}$	+0.0					
^ 550.000M	48.3	+0.0	+18.4	+0.0	+4.3	+0.0	43.8	71.7	-27.9	Horiz
330.000M	40.3	+0.0 -27.6	+18.4 $+0.0$	+0.4 +0.0	+4.5	+0.0	43.8	/1./	-41.9	110112
		+0.0	+0.0	+0.0	10.0					
		10.0	10.0	10.0						



٨	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						
	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_5	200M	
			+34.9	+0.0	+0.5				Hz		
٨	6933.483M	44.1	+0.0	+0.0	+0.0	+0.0	+0.0	50.5	71.7	-21.2	Vert
			+0.0	+6.7	-36.5	+0.8			Z_802.11a_5	200M	
	1.7.700.700	27.1	+34.9	+0.0	+0.5	0.0	0.0	- 10 1	Hz	20.2	** .
151	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			V 902 11 - 5	1001/	
	Ave		+38.0	+0.0	+0.5				X_802.11a_5 Hz	180W	
٨	15538.580	37.1	+0.0	+0.0	+0.0	+0.0	+0.0	54.1	71.7	-17.6	Horiz
	M	37.1	+0.0 +0.0	+11.7	-34.6	+1.4	+0.0	34.1	/1./	-17.0	110112
	141		+38.0	+0.0	+0.5	⊤1. 4			X_802.11a_5	180M	
			130.0	10.0	10.5				Hz	10011	
153	10400.000	30.4	+0.0	+0.0	+0.0	+0.0	+0.0	42.3	71.7	-29.4	Vert
100	M	30.1	+0.0	+8.8	-36.2	+1.0	10.0	12.3	, 1.,	27	, 011
	Ave		+38.0	+0.0	+0.3				Y_802.11a_5	200M	
									Hz		
154	17235.000	30.1	+0.0	+0.0	+0.0	+0.0	-10.0	42.3	71.7	-29.4	Horiz
	M		+0.0	+12.5	-33.7	+1.5					
	Ave		+41.6	+0.0	+0.3				Y_802.11a_5	745M	
									Hz		
155	10360.000	30.3	+0.0	+0.0	+0.0	+0.0	+0.0	42.2	71.7	-29.5	Vert
	M		+0.0	+8.8	-36.2	+1.0					
	Ave		+38.0	+0.0	+0.3				Y_802.11a_5	180M	
									Hz		
٨	10360.000	43.3	+0.0	+0.0	+0.0	+0.0	+0.0	55.2	71.7	-16.5	Vert
	M		+0.0	+8.8	-36.2	+1.0					
			+38.0	+0.0	+0.3				Z_802.11a_5	180M	
	10260.000	10.0	0.0	0.0	0.0	0.0	0.0		Hz	1	***
٨	10360.000	43.3	+0.0	+0.0	+0.0	+0.0	+0.0	55.2	71.7	-16.5	Vert
	M		+0.0	+8.8	-36.2	+1.0			V 000 11 . 5	10014	
			+38.0	+0.0	+0.3				Y_802.11a_5	180M	
158	800 000M	40.2	+Ω Ω	+22.5	+0.4	+5.3	+0.0	41.3	Hz 71.7	-30.4	Horiz
	800.000M QP	40.3	+0.0 -27.2	+22.5	+0.4	+5.3 +0.0	+0.0	41.3	/1./	-30.4	попи
	Ųι		+0.0	+0.0	+0.0 +0.0	+0.0					
٨	800.000M	43.3	+0.0	+22.5	+0.0	+5.3	+0.0	44.3	71.7	-27.4	Horiz
	000.0001	43.3	-27.2	+22.3 $+0.0$	+0.4	+0.0	+0.0	-4. .3	/1./	-21. 4	110112
			+0.0	+0.0	+0.0	10.0					
٨	800.000M	41.6	+0.0	+22.5	+0.4	+5.3	+0.0	42.6	71.7	-29.1	Horiz
	000.000111	11.0	-27.2	+0.0	+0.0	+0.0	. 0.0	12.0	, 1.,	2 ∕.1	110112
			+0.0	+0.0	+0.0	. 0.0					
٨	800.010M	40.1	+0.0	+22.5	+0.4	+5.3	+0.0	41.1	71.7	-30.6	Horiz
	000.0101.1		-27.2	+0.0	+0.0	+0.0	. 5.0		, ±•,	20.0	110112
			+0.0	+0.0	+0.0						
162	6933.333M	34.5	+0.0	+0.0	+0.0	+0.0	+0.0	40.9	71.7	-30.8	Horiz
	Ave		+0.0	+6.7	-36.5	+0.8			Y_802.11a_5		
			+34.9	+0.0	+0.5				Hz		



^ 6933.333M	40.4	. 0. 0	. 0. 0	. 0. 0	. 0. 0	. 0. 0	40.0	71.7 22.	O II:
	42.4	+0.0	+0.0	+0.0	+0.0	+0.0	48.8	71.7 -22.5	
		+0.0	+6.7	-36.5	+0.8			Y_802.11a_5200N Hz	V1
164 10400 000	20.0	+34.9	+0.0	+0.5	.00	.00	40.0		0
164 10400.000	28.9	+0.0	+0.0	+0.0	+0.0	+0.0	40.8	71.7 -30.9	9 Horiz
M		+0.0	+8.8	-36.2	+1.0			V 902 11 5200N	1
Ave		+38.0	+0.0	+0.3				X_802.11a_5200N	V1
^ 10400 000	48.7	+0.0	ι Ο Ο	+0.0	+0.0	+0.0	60.6	Hz 71.7 -11.	1 Homin
^ 10400.000 M	46.7	+0.0 +0.0	$+0.0 \\ +8.8$	+0.0 -36.2	$+0.0 \\ +1.0$	+0.0	60.6	71.7 -11.	1 Horiz
IVI		+38.0	+0.0	-30.2 +0.3	+1.0			Z_802.11a_5200N	Л
		+36.0	+0.0	+0.3				Z_602.11a_5200N Hz	1
^ 10400.000	46.5	+0.0	+0.0	+0.0	+0.0	+0.0	58.4	71.7 -13.	3 Horiz
M		+0.0	+8.8	-36.2	+1.0				
		+38.0	+0.0	+0.3				Y_802.11a_5200N	A
								Hz	
^ 10400.000	42.6	+0.0	+0.0	+0.0	+0.0	+0.0	54.5	71.7 -17.	2 Horiz
M		+0.0	+8.8	-36.2	+1.0				
		+38.0	+0.0	+0.3				X_802.11a_5200N	M
								Hz	
168 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_5765N	Л
								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_5765N	Л
								Hz	
170 6906.500M	34.0	+0.0	+0.0	+0.0	+0.0	+0.0	40.4	71.7 -31.	3 Horiz
Ave		+0.0	+6.7	-36.5	+0.8			Y_802.11a_5180N	М
		+34.9	+0.0	+0.5				Hz	
^ 6906.567M	47.6	+0.0	+0.0	+0.0	+0.0	+0.0	54.0	71.7 -17.	
		+0.0	+6.7	-36.5	+0.8			Z_802.11a_5180N	1
		+34.9	+0.0	+0.5				Hz	
^ 6906.500M	43.5	+0.0	+0.0	+0.0	+0.0	+0.0	49.9	71.7 -21.	
		+0.0	+6.7	-36.5	+0.8			Y_802.11a_5180N	Л
		+34.9	+0.0	+0.5				Hz	
173 6986.633M	33.8	+0.0	+0.0	+0.0	+0.0	+0.0	40.4	71.7 -31.	
Ave		+0.0	+6.7	-36.4	+0.8			Y_802.11a_5240N	Л
		+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.	
		+0.0	+6.7	-36.4	+0.8			Z_802.11a_5240N	1
		+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.	
		+0.0	+6.7	-36.4	+0.8			Y_802.11a_5240N	Л
		+35.0	+0.0	+0.5			_	Hz	
176 258.970M	44.6	+19.5	+0.0	+0.3	+2.8	+0.0	39.5	71.7 -32.	2 Horiz
1/0 230.9/0WI		-27.7	+0.0	+0.0	+0.0				
170 230.970IVI				100					
		+0.0	+0.0	+0.0					
177 256.990M	44.7	+19.3	+0.0	+0.3	+2.8	+0.0	39.4	71.7 -32.	3 Horiz
	44.7				+2.8 +0.0	+0.0	39.4	71.7 -32.	3 Horiz



178	22973.330	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						
^	22973.330	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					
			+0.0	+39.7	+0.0						
180	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						
181	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						
182	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						
٨	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						
٨	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						
186	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						
190	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						
191	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						
192	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						
193	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						
194	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						



r										
195 250.990M	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						
196 800.010M	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						
197 23226.670	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		100				
^ 23226.670	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					
100 102 00 000	20.5	+0.0	+39.8	+0.0	0.0	0.0	40.4		211	**
199 10360.000	30.5	+0.0	+0.0	+0.0	+0.0	+0.0	42.4	76.5	-34.1	Vert
M		+0.0	+8.8	-36.2	+1.0			7 002 11	7100N	
Ave		+38.0	+0.0	+0.3				Z_802.11a	_5180M	
200 440 00234	44.1	. 0. 0	.16.6	. 0. 2	. 2.0	. 0. 0	27.0	Hz	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					
201 000 000M	22.0	+0.0	+0.0	+0.0	. 5 7	.00	26.9	71.7	24.0	V
201 900.000M	33.8	+0.0 -27.2	+23.8	+0.7	+5.7	+0.0	36.8	71.7	-34.9	Vert
			+0.0	$^{+0.0}_{+0.0}$	+0.0					
202 267.020M	40.9	+0.0	+0.0		+2.9	+0.0	26.6	71.7	-35.1	Homia
202 207.020M	40.9	+20.3 -27.8	$^{+0.0}_{+0.0}$	+0.3 +0.0	+2.9	+0.0	36.6	/1./	-33.1	Horiz
		+0.0	+0.0 +0.0	+0.0	+0.0					
203 23063.330	37.5	+0.0	+0.0	+0.0	+ΩΩ	-10.0	36.5	71.7	-35.2	Vert
M	37.3	+0.0 +0.0	+0.0 +0.0	-32.4	+1.7	-10.0	30.3	/1./	-33.2	Vert
Ave		+0.0	+39.7	+0.0	11./					
^ 23063.330	49.3	+0.0	+0.0	+0.0	+0.0	-10.0	48.3	71.7	-23.4	Vert
M	77.5	+0.0	+0.0	-32.4	+1.7	-10.0	70.5	/1./	-23.4	VCIT
171		+0.0	+39.7	+0.0	11.7					
205 225.020M	43.4	+17.9	+0.0	+0.3	+2.6	+0.0	36.3	71.7	-35.4	Vert
203 223.02011	13.1	-27.9	+0.0	+0.0	+0.0	10.0	30.3	, 1.,	33.1	VOIC
		+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	10.0	30.1	, 1.,	55.0	, 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	+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						



212 240 00414	40.5	. 0. 0	. 10.0	.0.2	.22	. 0. 0	25.0	71.7	26.5	TT'
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					
213 20973.330	36.7	+0.0	+0.0	+0.0	+0.0	-10.0	35.0	71.7	-36.7	Vert
M	30.7	+0.0	+0.0 +0.0	+0.0 -32.9	+0.0	-10.0	33.0	/1./	-30.7	vert
Ave		+0.0	+39.6	+0.0	+1.0					
^ 20973.330	54.4	+0.0	+0.0	+0.0	+0.0	-10.0	52.7	71.7	-19.0	Vert
M	34.4	+0.0	+0.0	-32.9	+1.6	-10.0	32.1	/1./	-17.0	VEIL
IVI		+0.0	+39.6	+0.0	+1.0					
215 124.510M	44.9	+15.9	+0.0	+0.0	+1.8	+0.0	34.9	71.7	-36.8	Horiz
213 124.310W	44.7	-27.9	+0.0	+0.2	+0.0	+0.0	34.7	/1./	-30.6	110112
		+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
210 /00.01/10	33.2	-27.3	+23.3	+0.0	+0.0	+0.0	34.0	/1./	-30.9	110112
		+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
217 399.903WI	31.1	-27.4	+19.4	+0.0	+0.0	+0.0	34.7	/1./	-37.0	110112
		+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
210 377.77211	72.7	-27.8	+0.0	+0.0	+0.0	10.0	57.5	/1./	-37. 4	HOHZ
		+0.0	+0.0	+0.0	10.0					
219 250.980M	40.3	+18.6	+0.0	+0.3	+2.8	+0.0	34.3	71.7	-37.4	Vert
217 250.700W	+0. 5	-27.7	+0.0	+0.0	+0.0	10.0	57.5	/1./	-37. 4	VCIT
		+0.0	+0.0	+0.0	10.0					
220 900.010M	31.2	+0.0	+23.8	+0.7	+5.7	+0.0	34.2	71.7	-37.5	Horiz
220 900.010101	31.2	-27.2	+0.0	+0.0	+0.0	10.0	54.2	/1./	37.3	HOHZ
		+0.0	+0.0	+0.0	10.0					
221 292.520M	35.8	+22.8	+0.0	+0.3	+3.0	+0.0	34.1	71.7	-37.6	Horiz
221 272.320111	33.0	-27.8	+0.0	+0.0	+0.0	10.0	51	, 1.,	37.0	HOHE
		+0.0	+0.0	+0.0	10.0					
222 279.010M	37.2	+21.5	+0.0	+0.3	+2.9	+0.0	34.1	71.7	-37.6	Vert
	S	-27.8	+0.0	+0.0	+0.0	. 0.0	0	,	27.10	, 010
		+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						
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					
220 22405015	40.0	+0.0	+0.0	+0.0	2 -	0.0			20.6	** '
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					
221 122 010) (40.0	+0.0	+0.0	+0.0	1.0	0.0			20.6	**
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					
222 274 00214	20.0	+0.0	+0.0	+0.0	2.4	0.0	22.1	71.7	20.6	TT .
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					
222 207 00014	25.4	+0.0	+0.0	+0.0	2.0	0.0	22.1	71.7	20.6	T. 7
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					
224 455 22215	20.4	+0.0	+0.0	+0.0	4.0		22.0		20.5	** '
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					
225 452 00214	20.5	+0.0	+0.0	+0.0	2.0	0.0	22.0	71.7	20.0	T. 7
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					
226 220 01016	20.0	+0.0	+0.0	+0.0	2.6	0.0	22.0	71.7	20.0	T. 7
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					
227 424 07514	40.1	+0.0	+0.0	+0.0	. 2.7	. 0. 0	20.5	71.7	20.2	TT .
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					
220 220 02014	20.5	+0.0	+0.0	+0.0	.2.6	. 0. 0	20.5	71.7	20.2	TT'-
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					
220 700 02214	20.0	+0.0	+0.0		+4.0	+ O O	22.4	71.7	-39.3	II.a.i.
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					
240 427.049M	39.9	+0.0	+0.0	+0.0	+3.7	+0.0	32.3	71.7	-39.4	Vert
240 427.049W	39.9	-27.8	+10.2 $+0.0$	+0.3	+0.0	+0.0	32.3	/1./	-39.4	ven
		+0.0	+0.0 +0.0	+0.0	+0.0					
241 20720.000	33.8	+0.0	+0.0	+0.0	±0.0	-10.0	32.2	71.7	-39.5	Vert
M	33.6	+0.0	+0.0	-32.8	+0.0	-10.0	32.2	/1./	-39.3	vert
Ave		+0.0	+39.6	+0.0	+1.0					
^ 20720.000	48.2	+0.0	+0.0	+0.0	+0.0	-10.0	46.6	71.7	-25.1	Vert
M	40.2	+0.0	+0.0	-32.8	+0.0	-10.0	40.0	/1./	-23.1	v CI t
1V1		+0.0	+39.6	+0.0	+1.0					
243 259.005M	37.0	+19.5	+0.0	+0.3	+2.8	+0.0	31.9	71.7	-39.8	Vert
273 239.003WI	31.0	+19.3 -27.7	+0.0	+0.0	+0.0	10.0	31.7	/1./	-57.0	v CI t
		+0.0	+0.0 +0.0	+0.0	10.0					
244 456.966M	38.9	+0.0	+16.7	+0.3	+3.8	+0.0	31.9	71.7	-39.8	Vert
277 730.700WI	30.7	-27.8	+0.0	+0.0	+0.0	10.0	31.7	/ 1./	37.0	V 011
		+0.0	+0.0	+0.0	10.0					
245 499.997M	37.3	+0.0	+17.4	+0.4	+4.1	+0.0	31.4	71.7	-40.3	Horiz
2.5 177.777111	37.3	-27.8	+0.0	+0.0	+0.0	. 0.0	51.1	, 1.,	10.5	110112
		+0.0	+0.0	+0.0	. 0.0					
L		10.0	10.0	1 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						
<u> </u>											

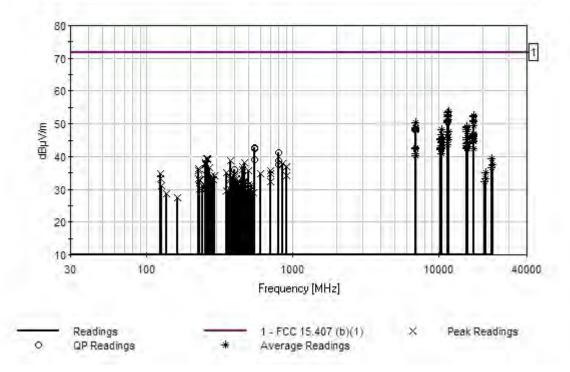


2.52	252 0153 5	27.0	0.0	10.0	0.0	2.2	0.0	20.5		10.1	** .
263	352.017M	35.0	+0.0	+18.8	+0.3	+3.3	+0.0	29.6	71.7	-42.1	Horiz
			-27.8	+0.0	+0.0	+0.0					
264	401.0703.6	25.6	+0.0	+0.0	+0.0	4.1	0.0	20.6	71.7	40.1	77 .
264	491.970M	35.6	+0.0	+17.3	+0.4	+4.1	+0.0	29.6	71.7	-42.1	Vert
			-27.8	+0.0	+0.0	+0.0					
265	717.066M	24.0	+0.0	+0.0	+0.0	. 1.0	. 0. 0	20.5	71.7	10.0	X7 .
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					
266	200.00234	26.5	+0.0	+0.0	+0.0	. 2. 5	. 0. 0	20.5	71.7	10.0	X7 .
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					
267	47.C 27.5 M	25.0	+0.0	+0.0	+0.0	. 1.0	. 0. 0	20.4	71.7	40.2	TT'
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					
260	522 770M	24.2	+0.0	+0.0	+0.0	. 1.2	. 0. 0	20.1	71.7	12.6	X I
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					
260	400 120M	25.2	+0.0	+0.0	+0.0	. 1.0	. 0. 0	20.0	71.7	42.0	X I
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					
270	542.030M	22.5	+0.0	+0.0	+0.0	+4.2	.00	20.0	71.7	42.0	Mont
270	542.030M	33.5	+0.0	+18.3	+0.4	+4.3	+0.0	28.9	/1./	-42.8	Vert
			-27.6	+0.0	+0.0	+0.0					
271	427 440M	26.1	+0.0	+0.0	+0.0	+2.0	.00	20.0	71.7	42.0	N/ a set
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	Uoriz
212	3/3.416WI	33.4	-27.8	+17.2	+0.4	+0.0	+0.0	20.7	/1./	-43.0	Horiz
			+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
213	137.190W	30.6	-27.9	+0.0	+0.0	+0.0	+0.0	20.7	/1./	-43.0	HOHZ
			+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
2/4	+30.230IVI	30.0	-27.8	+0.0	+0.0	+0.0	10.0	20.7	/1./	-43.0	HOHZ
			+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
1 213	F1 (0.27) 1V1	50.5	-27.8	+0.0	+0.4	+0.0	10.0	20.0	/ 1./	ਜ ਹ.1	v 011
			+0.0	+0.0	+0.0	10.0					
276	393.017M	36.3	+0.0	+16.1	+0.4	+3.6	+0.0	28.6	71.7	-43.1	Vert
	575.017111	50.5	-27.8	+0.0	+0.0	+0.0		20.0	, 1.,	13.1	, 511
			+0.0	+0.0	+0.0	. 3.0					
277	467.370M	35.0	+0.0	+16.9	+0.3	+3.9	+0.0	28.3	71.7	-43.4	Vert
]		22.0	-27.8	+0.0	+0.0	+0.0	. 0.0	_5.5	, 1.,		. 511
			+0.0	+0.0	+0.0	. 3.0					
278	524.283M	33.2	+0.0	+17.9	+0.4	+4.2	+0.0	28.0	71.7	-43.7	Horiz
]	3= 1.2001.1		-27.7	+0.0	+0.0	+0.0					
			+0.0	+0.0	+0.0	. 3.0					
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						
1											



_											_
280	450.563M	34.6	+0.0	+16.6	+0.3	+3.8	+0.0	27.5	71.7	-44.2	Horiz
			-27.8	+0.0	+0.0	+0.0					
			+0.0	+0.0	+0.0						
281	163.090M	34.5	+18.5	+0.0	+0.3	+2.1	+0.0	27.5	71.7	-44.2	Horiz
			-27.9	+0.0	+0.0	+0.0					
			+0.0	+0.0	+0.0						
282	462.825M	33.4	+0.0	+16.8	+0.3	+3.9	+0.0	26.6	71.7	-45.1	Horiz
			-27.8	+0.0	+0.0	+0.0					
			+0.0	+0.0	+0.0						
283	487.366M	32.8	+0.0	+17.2	+0.4	+4.0	+0.0	26.6	71.7	-45.1	Vert
			-27.8	+0.0	+0.0	+0.0					
			+0.0	+0.0	+0.0						
284	379.917M	33.4	+0.0	+17.0	+0.4	+3.5	+0.0	26.5	71.7	-45.2	Horiz
			-27.8	+0.0	+0.0	+0.0					
			+0.0	+0.0	+0.0						
285	502.966M	32.2	+0.0	+17.5	+0.4	+4.1	+0.0	26.4	71.7	-45.3	Vert
			-27.8	+0.0	+0.0	+0.0					
			+0.0	+0.0	+0.0						
286	420.017M	34.0	+0.0	+16.1	+0.4	+3.7	+0.0	26.4	71.7	-45.3	Horiz
			-27.8	+0.0	+0.0	+0.0					
			+0.0	+0.0	+0.0						

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





Limit Line Calculations for Antenna Manufactured by 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

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

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 Data Sheets

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

Customer: Silex Technology, America, Inc.

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

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

Model: SX-SDCAG

S/N: ED

Test Equipment:

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):

1 1	- /-		- ·
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

 $Power = 13.3 \text{ dBm } (0.0214\text{W}), 13.2 \text{dBm } (0.0209\text{W}), \quad 13.3 \text{dBm } (0.0214), \quad 12.6 \text{dBm} (0.0182), \quad 12.6 \text{dBm } (0.0182\text{W}), \quad 12.6 \text{dBm } (0.$

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- 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:

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

Measu	rement Data:	Re	eading lis	ted by ma	ırgin.		Te	est Distance	e: 3 Meters		
#	Freq	Rdng	T1	T2	T3	T4	Dist	Corr	Spec	Margin	Polar
			T5	T6							
	MHz	dΒμV	dB	dB	dB	dB	Table	$dB\muV/m$	$dB\muV/m$	dB	Ant
1	10360.130	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	10479.670	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	L	
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	L	

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	100 (0.00)	40.0	0.0	2.5.2	1.0	20.0	0.0		72. 2	10.5	** '
4	10360.200	49.9	+8.8	-36.2	+1.0	+38.0	+0.0	61.8	72.3	-10.5	Horiz
	M		+0.0	+0.3					V 902 11a		
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
	M	47.7	+0.4	+0.0	+1.0	+36.0	+0.0	01.7	12.3	-10.0	Vert
	171		10.4	10.0					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			. 0.0	01.0	, 2.10	10.0	110112
									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		
8	17235.750	38.4	+12.5	-33.7	+1.5	+41.6	+0.0	60.6	72.3	-11.7	Vert
	M		+0.0	+0.3							
									X_802.11a		
9	10479.670	48.5	+8.9	-36.2	+1.0	+38.0	+0.0	60.5	72.3	-11.8	Vert
	M		+0.0	+0.3					W 000 11		
10	17205 000	27.0	. 10 5	22.6	. 1 5	. 41.0	+0.0	<i>c</i> 0.4	X_802.11a	11.0	X I
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	171.7	10.0	00.0	72.5	12.3	VCIT
	111		10.0	10.5					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	10479.670	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		+0.0	+0.3					7 000 11		
4.5	10.450.650	47.0	0.0	2.5	1.0	20.0	0.0	70.0	Z_802.11a	10.1	**
15	10479.670	47.2	+8.9	-36.2	+1.0	+38.0	+0.0	59.2	72.3	-13.1	Vert
	M		+0.0	+0.3					V 902 11a		
16	17235.750	37.0	+12.5	-33.7	+1.5	+41.6	+0.0	59.2	Y_802.11a 72.3	-13.1	Vert
	M		+0.0		+1.5	± 4 1.0	+0.0	39.2	12.3	-13.1	Vert
	171		10.0	10.5					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		. 20.0	. 0.0	22 .2	. 2.3	10.1	
									Y_802.11a		
18	10400.930	47.2	+8.8	-36.2	+1.0	+38.0	+0.0	59.1	72.3	-13.2	Vert
	M		+0.0	+0.3							
									X_802.11a		
19	17235.750	36.7	+12.5	-33.7	+1.5	+41.6	+0.0	58.9	72.3	-13.4	Horiz
	M		+0.0	+0.3							
									Z_802.11a		
20	10360.130	46.8	+8.8	-36.2	+1.0	+38.0	+0.0	58.7	72.3	-13.6	Vert
	M		+0.0	+0.3					7 000 11		
									Z_802.11a		



21	17295.000	35.9	+12.5	-33.6	+1.5	+41.0	+0.0	58.5	72.3	-13.8	Horiz
21	M	33.9	+12.3 +0.0	-33.0 +0.3	+1.3	+41.9	+0.0	36.3	12.3	-13.8	HOMZ
	171		10.0	10.5					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	72.3	-14.0	Horiz
	M		+0.0	+0.3							
2.1	15225 550	25.0	10.5	22.7	1.7	41.6	0.0	70.1	Y_802.11a	1.1.0	TT :
24	17235.750	35.9	+12.5	-33.7	+1.5	+41.6	+0.0	58.1	72.3	-14.2	Horiz
	M		+0.0	+0.3					X 802.11a		
25	10479.670	45.9	+8.9	-36.2	+1.0	+38.0	+0.0	57.9		-14.4	Horiz
23	M	73.7	+0.0	+0.3	11.0	130.0	10.0	31.7	72.3	17.7	HOHZ
									Y_802.11a		
26	10400.930	45.9	+8.8	-36.2	+1.0	+38.0	+0.0	57.8		-14.5	Horiz
	M		+0.0	+0.3							
									Y_802.11a		
27	10479.670	45.6	+8.9	-36.2	+1.0	+38.0	+0.0	57.6	72.3	-14.7	Horiz
	M		+0.0	+0.3					7 902 11.		
20	10400 020	44.1	+8.8	-36.2	+1.0	129.0	+0.0	56.0	Z_802.11a 72.3	-16.3	Vert
20	10400.930 M	44.1	+8.8 +0.0	-30.2 +0.3	+1.0	+38.0	+0.0	36.0	12.3	-10.5	vert
	171		10.0	10.5					Z 802.11a		
29	10400.930	43.6	+8.8	-36.2	+1.0	+38.0	+0.0	55.5	72.3	-16.8	Vert
	M		+0.0	+0.3							
									Y_802.11a		
30	10360.170	43.6	+8.8	-36.2	+1.0	+38.0	+0.0	55.5	72.3	-16.8	Vert
	M		+0.0	+0.3							
21	15115110	21.5	10.7	22.6		40.4	0.0		Y_802.11a	15.1	** .
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					Y_802.11a		
32	17413.600	31.1	+12.5	-33.6	+1.5	+42.4	+0.0	54 3	72.3	-18.0	Vert
32	M	31.1	+0.0	+0.4	11.5	172,7	10.0	54.5	72.3	10.0	VCIT
									Z_802.11a		
33	17416.140	31.0	+12.5	-33.6	+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					V 902 11a		
25	17413.560	30.9	+12.5	-33.6	+1.5	+42.4	+0.0	54.1	X_802.11a 72.3	-18.2	Vert
33	M	30.9	+0.0	+0.4	+1.5	T42.4	+0.0	34.1	12.3	-10.2	Vert
	141		10.0	10.7					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							
									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					¥7, 002.44		
1 .	Ave								X_802.11a		



^ 11611.340	48.1		-35.9	+1.1	+38.8	+0.0	62.1	72.3	-10.2	Vert
M		+0.0	+0.4							
								X_802.11a		
39 11615.450	34.7	+9.6	-35.9	+1.1	+38.8	+0.0	48.7	72.3	-23.6	Horiz
M		+0.0	+0.4							
Ave								Z_802.11a		
^ 11615.450	49.2	+9.6	-35.9	+1.1	+38.8	+0.0	63.2	72.3	-9.1	Horiz
M		+0.0	+0.4							
								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								Y_802.11a		
42 11608.760	34.1	+9.6	-35.9	+1.1	+38.8	+0.0	48.1	72.3	-24.2	Vert
M		+0.0	+0.4							
Ave								Y_802.11a		
^ 11608.760	45.7	+9.6	-35.9	+1.1	+38.8	+0.0	59.7	72.3	-12.6	Vert
M		+0.0	+0.4							
								Y_802.11a		
44 11610.500	33.9	+9.6	-35.9	+1.1	+38.8	+0.0	47.9	72.3	-24.4	Vert
M		+0.0	+0.4							
Ave								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							
								Z_802.11a		
46 11611.340	33.9	+9.6	-35.9	+1.1	+38.8	+0.0	47.9	72.3	-24.4	Horiz
M		+0.0	+0.4							
Ave								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							
								Y_802.11a		
^ 11611.340	46.9	+9.6	-35.9	+1.1	+38.8	+0.0	60.9	72.3	-11.4	Horiz
M		+0.0	+0.4							
								X_802.11a		
49 15601.400	28.0	+11.8	-34.6	+1.4	+38.0	+0.0	45.1	72.3	-27.2	Vert
M		+0.0	+0.5							
Ave								Z_802.11a		
50 11530.000	30.7	+9.6	-35.9	+1.1	+38.8	+0.0	44.7	72.3	-27.6	Vert
M		+0.0								
Ave								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		+0.0	+0.4							
Ave								Z_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	.5.0	+0.0	+0.4		. 20.0	. 0.0	27.0	. 2.5	- 1.0	. 510
111		. 0.0						Y_802.11a		
L								1_002.11d		



٨	11530.000	42.0	+9.6	-35.9	+1.1	+38.8	+0.0	56.0	72.3	-16.3	Vert
	M	12.0	+0.0	+0.4	, 1.1	130.0	10.0	50.0	72.5	10.5	VOIT
									X_802.11a		
56	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					** 000 11		
	Ave	20.1	.0.6	25.0	. 1 1	. 20.0	. 0. 0	44.1	Y_802.11a	20.2	TT!-
37	11490.500 M	30.1	+9.6 +0.0	-35.9 +0.4	+1.1	+38.8	+0.0	44.1	72.3	-28.2	Horiz
	Ave		+0.0	±0.4					Z_802.11a		
58	11490.500	30.0	+9.6	-35.9	+1.1	+38.8	+0.0	44.0		-28.3	Horiz
	M		+0.0	+0.4							
	Ave								Y_802.11a		
59	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					V 000 11		
	Ave	20.6	.0.6	25.0	. 1 1	. 20.0	.00	12.6	Y_802.11a	20.7	TT!
60	11530.000 M	29.6	+9.6 +0.0	-35.9 +0.4	+1.1	+38.8	+0.0	43.6	72.3	-28.7	Horiz
	Ave		+0.0	+0.4					Z_802.11a		
	11530.000	43.3	+9.6	-35.9	+1.1	+38.8	+0.0	57.3		-15.0	Horiz
	M		+0.0	+0.4					, =		
									Z_802.11a		
٨	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					V 000 11		
	11520 000	38.5	+9.6	-35.9	+1.1	. 20.0	+0.0	50 F	Y_802.11a	10.0	II a mi m
	11530.000 M	36.3	+9.6	-33.9 +0.4	+1.1	+38.8	+0.0	32.3	72.3	-19.8	Horiz
	IVI		+0.0	±0.4					X_802.11a		
64	15540.290	26.4	+11.7	-34.6	+1.4	+38.0	+0.0	43.4		-28.9	Horiz
	M		+0.0	+0.5							
	Ave								Z_802.11a		
٨	15540.330	39.4	+11.7	-34.6	+1.4	+38.0	+0.0	56.4	72.3	-15.9	Horiz
	M		+0.0	+0.5					V 902 11a		
^	15540.300	38.8	+11.7	-34.6	+1.4	+38.0	+0.0	55 9	Y_802.11a 72.3	-16.5	Horiz
	M	30.0	+0.0	+0.5	⊤1. 4	+30.0	+0.0	33.6	12.3	-10.5	HOHZ
	111		10.0	10.5					Z_802.11a		
٨	15540.370	36.9	+11.7	-34.6	+1.4	+38.0	+0.0	53.9		-18.4	Horiz
	M		+0.0	+0.5							
									X_802.11a		
68	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					7 902 11.		
60	Ave 15540.330	26.1	+11.7	-34.6	+1.4	+38.0	+0.0	43.1	Z_802.11a 72.3	-29.2	Vert
09	13340.330 M	20.1	+11.7	+0.5	+1.4	+36.0	+0.0	43.1	12.3	-29.2	Vert
	Ave		10.0	10.5					Y_802.11a		
70	15540.330	25.4	+11.7	-34.6	+1.4	+38.0	+0.0	42.4	72.3	-29.9	Horiz
	M		+0.0	+0.5							
	Ave								Y_802.11a		
71	15540.330	25.3	+11.7	-34.6	+1.4	+38.0	+0.0	42.3	72.3	-30.0	Vert
	M		+0.0	+0.5					W 002 11		
	Ave								X_802.11a		



72 15601.400	25.2	+11.8	-34.6	+1.4	+38.0	+0.0	42.3	72.3	-30.0	Vert
M		+0.0	+0.5							
Ave								X_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		-16.2	Vert
M	, 23.0	+0.0	+0.5			. 0.0	00.1	, 2.0	10.2	, 610
1,1		10.0	10.5					Y_802.11a		
^ 15601.400	38.4	+11.8	-34.6	+1.4	+38.0	+0.0	55.5		-16.8	Vert
M	, 50.4	+0.0	+0.5	11.7	130.0	10.0	33.3	12.3	-10.0	VCIT
IVI		+0.0	+0.5					X_802.11a		
76 15601 400) 25.1	. 11.0	-34.6	+1.4	+ 20 O	+0.0	42.2		-30.1	Vert
76 15601.400	25.1	+11.8		+1.4	+38.0	+0.0	42.2	72.3	-30.1	vert
M		+0.0	+0.5					V 000 11.		
Ave					•••			Y_802.11a		
77 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		
^ 15540.330	40.9		-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		
^ 15540.330	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		
81 15719.330	24.8	+11.8	-34.4	+1.4	+38.0	+0.0	42.1	72.3	-30.2	Vert
M	20	+0.0	+0.5		150.0	10.0	.2.1	, 2.3	30.2	, 011
Ave		10.0	10.5					X_802.11a		
82 15601.400	25.0	+11.8	-34.6	+1.4	+38.0	+0.0	42.1	72.3	-30.2	Horiz
M	23.0	+0.0	+0.5	±1. 4	+36.0	+0.0	42.1	12.3	-30.2	110112
Ave		+0.0	+0.5					X_802.11a		
	10.0	. 11.0	24.6	. 1. 4	+38.0	. 0. 0	57.0		1 1 1	TT
^ 15601.400	40.8		-34.6	+1.4	+38.0	+0.0	57.9	72.3	-14.4	Horiz
M		+0.0	+0.5					XZ 000 11		
4 4 7 50 4 40 4	20.4	11.0	24.5		20.0	0.0		Y_802.11a	1.50	** .
^ 15601.400				+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		
86 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		
^ 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						-	
		. 0.0						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	11.1	1 20.0	10.0	50.0	12.3	17.3	v 011
171		10.0	10.4					X_802.11a		
<u> </u>								11.002.11d		

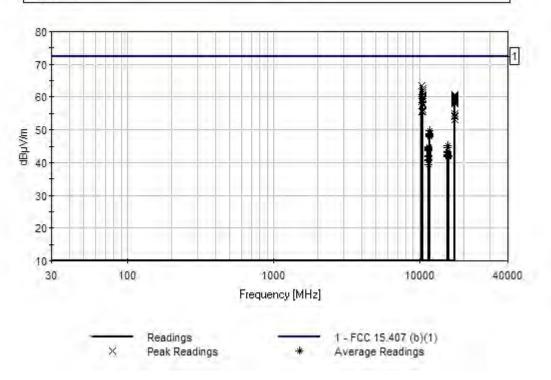


^ 11490.500	42.3	+9.6	-35.9	+1.1	1200	+0.0	56.3	72.3	-16.0	Vert
M	42.3	+0.0	+0.4	+1.1	+30.0	+0.0	30.3	12.3	-10.0	Vert
111		10.0	10.1					Z_802.11a		
90 15719.330	24.7	+11.8	-34.4	+1.4	+38.0	+0.0	42.0	72.3	-30.3	Vert
M		+0.0	+0.5							
Ave								Z_802.11a		
^ 15719.330	38.1	+11.8	-34.4	+1.4	+38.0	+0.0	55.4	72.3	-16.9	Vert
M		+0.0	+0.5					Y_802.11a		
^ 15719.330	37.5	+11.8	-34.4	+1.4	+38.0	+0.0	54.8		-17.5	Vert
M	37.5	+0.0	+0.5		150.0	10.0	2 1.0	, 2.3	17.5	, 610
								X_802.11a		
^ 15719.330	37.4	+11.8	-34.4	+1.4	+38.0	+0.0	54.7	72.3	-17.6	Vert
M		+0.0	+0.5					7 002 11		
04 15710 220	24.7	. 11.0	24.4	. 1 4	. 20.0	.0.0	42.0	Z_802.11a	20.2	X 74
94 15719.330 M	24.7	+11.8 +0.0	-34.4 +0.5	+1.4	+38.0	+0.0	42.0	72.3	-30.3	Vert
Ave		+0.0	+0.5					Y_802.11a		
95 15719.330	24.7	+11.8	-34.4	+1.4	+38.0	+0.0	42.0		-30.3	Horiz
M		+0.0	+0.5							
Ave								X_802.11a		
	24.7		-34.4	+1.4	+38.0	+0.0	42.0	72.3	-30.3	Horiz
M		+0.0	+0.5					7 902 11-		
Ave ^ 15719.330	39.6	+11.8	-34.4	+1.4	+38.0	+0.0	56.0	Z_802.11a 72.3	-15.4	Horiz
M	39.0	+0.0	+0.5	±1. 4	+36.0	+0.0	30.9	12.3	-13.4	HOHZ
171		10.0	10.5					Z_802.11a		
^ 15719.330	37.4	+11.8	-34.4	+1.4	+38.0	+0.0	54.7	72.3	-17.6	Horiz
M		+0.0	+0.5							
								X_802.11a		
^ 15719.330	36.8	+11.8	-34.4	+1.4	+38.0	+0.0	54.1	72.3	-18.2	Horiz
M		+0.0	+0.5					Y_802.11a		
100 15719.330	24.6	+11.8	-34.4	+1 4	+38.0	+0.0	41 9	72.3	-30.4	Horiz
M	20	+0.0	+0.5		120.0	10.0	11.7	, 2.3	50.1	HOHE
Ave								Y_802.11a		
101 11530.000	27.9				+38.8	+0.0	41.9	72.3	-30.4	Vert
M		+0.0	+0.4					TT 000 11		
Ave	24.7	. 11.7	24.6	. 1 4	. 20.0	.0.0	41.7	X_802.11a	20.6	TT!
102 15540.330 M	24.7	$+11.7 \\ +0.0$	-34.6 +0.5	+1.4	+38.0	+0.0	41.7	72.3	-30.6	Horiz
Ave		+0.0	+0.5					X_802.11a		
103 11490.500	27.0	+9.6	-35.9	+1.1	+38.8	+0.0	41.0	72.3	-31.3	Horiz
M		+0.0	+0.4							
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					7 000 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
^ 11490.500 M	44.9	+9.6 +0.0	-35.9 +0.4	+1.1	+38.8	+0.0	38.9	12.3	-13.4	попх
141		10.0	10.4					Y_802.11a		
ļ										



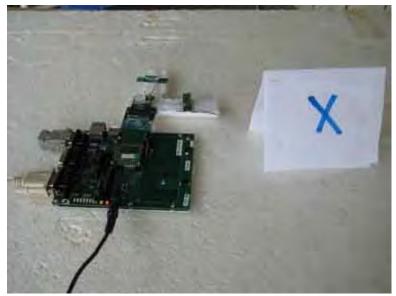
^ 11490.500 M	39.4	+9.6 +0.0	-35.9 +0.4	+1.1	+38.8	+0.0	53.4	72.3	-18.9	Horiz
IVI		+0.0	⊤0 .4					X_802.11a		
107 11490.500	26.7	+9.6	-35.9	+1.1	+38.8	+0.0	40.7	72.3	-31.6	Vert
M		+0.0	+0.4							
Ave								Z_802.11a		
108 11530.000	25.4	+9.6	-35.9	+1.1	+38.8	+0.0	39.4	72.3	-32.9	Horiz
M		+0.0	+0.4							
Ave								X_802.11a		

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

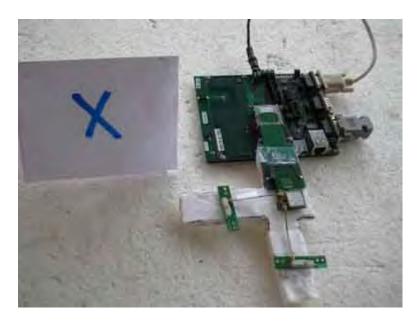




Test Setup Photos

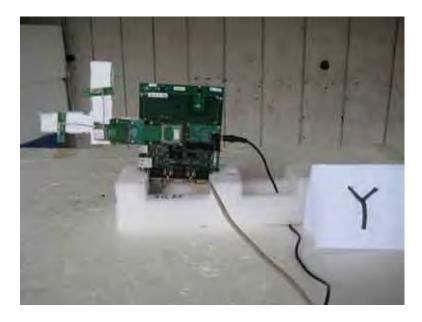


Antenna Manufacture: Ethertronics - Front View in X Orientation



Antenna Manufacture: Ethertronics - Back View in X Orientation





Antenna Manufacture: Ethertronics - Front View in Y Orientation



Antenna Manufacture: Ethertronics - Back View in Y Orientation



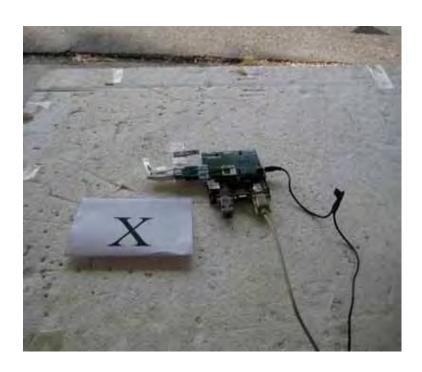


Antenna Manufacture: Ethertronics - Front View in Z Orientation

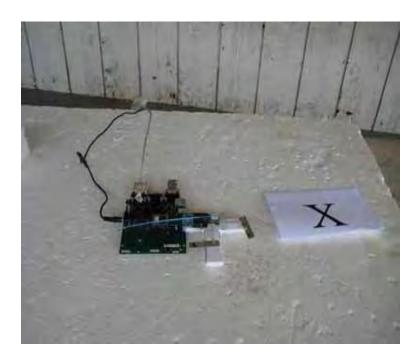


Antenna Manufacture: Ethertronics - Back View in Z Orientation



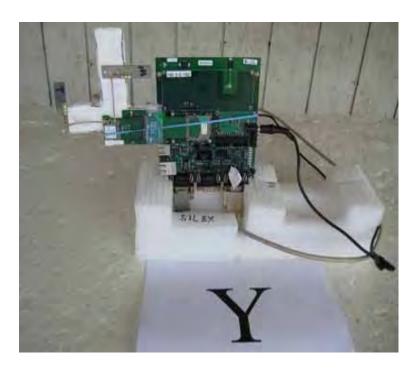


Antenna Manufacture: Pulse - Front View in X Orientation

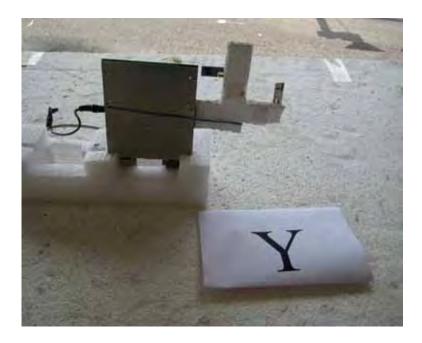


Antenna Manufacture: Pulse - Back View in X Orientation



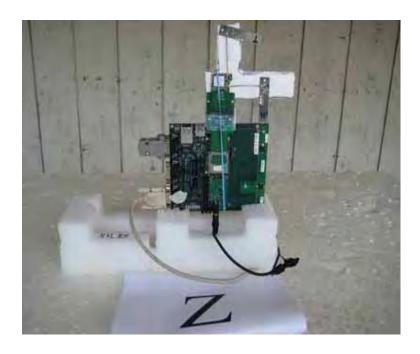


Antenna Manufacture: Pulse - Front View in Y Orientation



Antenna Manufacture: Pulse - Back View in Y Orientation





Antenna Manufacture: Pulse - Front View in Z Orientation



Antenna Manufacture: Pulse - Back View in Z Orientation



15.407(b)(4) UNDESIRABLE EMISSIONS IN 5.725-5.825GHz

Limit Line Calculations for Antenna Manufactured by Ethertronics:

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

$$Power = \frac{(Ed)^2}{30 \times G}$$

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.



Test Data Sheets

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):

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

13.0dBm(0.0200W)

Antenna Manufacturer : Ethertronics Antenna Gain: 2.5dBi @2.5GHz Antenna Gain: 3.5dBi @5.0GHz

Transmit via Antenna #1

13°C, 58% relative humidity

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

Frequency range of measurement = 9 kHz- 40 GHz.

Frequency 9 kHz - 150 kHz RBW=200 Hz, VBW=200 Hz; 150 kHz- 30 MHz RBW=9 kHz, VBW=9 kHz; 30 MHz- 1000 MHz RBW=120 kHz, VBW=120 kHz; 1000 MHz- 40000 MHz RBW=1 MHz, VBW=1 MHz.

Transducer Legend:

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

Measurement Data: Reading listed by margin.					argin.	Test Distance: 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	$dB\muV/m$	$dB\mu V/m$	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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^ 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					
		+38.8	+0.0	+0.4				Z_802.11a_58	805M	
								Hz		
3 11529.420	39.5	+0.0	+0.0	+0.0	+0.0	+0.0	53.5	71.7	-18.2	Vert
M		+0.0	+9.6	-35.9	+1.1			V 000 11 55	7.653.6	
Ave		+38.8	+0.0	+0.4				Y_802.11a_57	/65M	
A 11520 120	50.4	. 0. 0	. 0. 0	. 0. 0	0.0	0.0	66.4	Hz	5 0	T.7 .
^ 11529.420	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			Y_802.11a_57	765NA	
		+30.0	+0.0	+0.4				Hz	OSWI	
^ 11529.330	44.5	+0.0	+0.0	+0.0	+0.0	+0.0	58.5		-13.2	Vert
M	44.3	+0.0	+9.6	-35.9	+1.1	+0.0	36.3	/1./	-13.2	v ert
IVI		+38.8	+0.0	+0.4	+1.1			Z_802.11a_57	65M	
		130.0	10.0	10.4				E_002.11a_57 Hz	03111	
6 11491.330	39.3	+0.0	+0.0	+0.0	+0.0	+0.0	53.3		-18.4	Horiz
M	37.3	+0.0	+9.6	-35.9	+1.1	10.0	55.5	/ 1./	10.7	110112
Ave		+38.8	+0.0	+0.4				Z_802.11a_57	45M	
								Hz . power 16		
								dB pad	, -	
^ 11491.330	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_57	45M	
								Hz. power 16	, 10	
								dB pad		
8 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_57	745M	
								Hz		
9 17236.330	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_57		
								Hz, power=16		
4 4522 6 222		0.0	0.0	0.0	0.0	10.0		dB pad, 1 mete		** .
^ 17236.330	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			7 002 11 . 77	11534	
		+41.6	+0.0	+0.3				Z_802.11a_57		
								Hz, power=16 dB pad, 1 meters		
11 11610.670	38.5	+0.0	+0.0	+0.0	10.0	+0.0	52.5		er -19.2	Цота
M	38.3	+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	+9.0	-33.9 +0.4	⊤1.1			X_5805MHz		
^ 11610.670	51.1	+0.0	+0.0	+0.4	+0.0	+0.0	65.1	71.7	-6.6	Horiz
M	J1.1	+0.0 +0.0	+0.0 +9.6	-35.9	+1.1	10.0	03.1	/1./	0.0	HOHE
141		+38.8	+0.0	+0.4	1 1.1			X_5805MHz		
13 17235.000	40.2	+0.0	+0.0	+0.0	+0.0	-10.0	52.4		-19.3	Horiz
M	.0.2	+0.0	+12.5	-33.7	+1.5	10.0	<i>52</i> . r	, 1.,	17.5	110112
Ave		+41.6	+0.0	+0.3				X_802.11a_57	745M	
								Hz		
L										



^ 17235.000	57.0	+0.0	+0.0	+0.0	+0.0	-10.0	69.2	71.7	-2.5	Horiz
M		+0.0	+12.5	-33.7	+1.5			W 600 11		
		+41.6	+0.0	+0.3				X_802.11a_5	745M	
^ 17235 000	44.0	.00	.00		.00	10.0	57.0	Hz	147	II.
^ 17235.000 M	44.8	$+0.0 \\ +0.0$	+0.0 +12.5	+0.0 -33.7	+0.0 +1.5	-10.0	57.0	71.7	-14.7	Horiz
IVI		+41.6	+12.3 +0.0	+0.3	+1.5			Y_802.11a_5	5745M	
		±41.0	+0.0	+0.5				Hz) / 4 5 1 1 1	
16 11528.330	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_5	765M	
								Hz		
^ 11528.330	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_5	765M	
40. 45000 000	20 =					4.0.0		Hz	10.7	** .
18 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			V 000 11 - 4	76514	
Ave		+41.8	+0.0	+0.3				X_802.11a_5 Hz	0/65IVI	
^ 17289.000	54.1	+0.0	+0.0	+0.0	+0.0	-10.0	66.6	71.7	-5.1	Horiz
M	34.1	+0.0	+12.5	-33.6	+1.5	10.0	00.0	/1./	3.1	HOHZ
111		+41.8	+0.0	+0.3	11.5			X_802.11a_5	5765M	
								Hz	, , , , , , , , , , , , , , , , , , , ,	
20 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_580		
^ 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			3 7		
		+38.8	+0.0	+0.4				Y-	51/III-	
22 11606.020	37.3	+0.0	+0.0	+0.0	+0.0	+0.0	51.3	802.11a_580 71.7	-20.4	Vert
22 11606.020 M	31.3	+0.0 +0.0	+0.0 +9.6	+0.0 -35.9	+0.0	+0.0	31.3	/1./	-20.4	v CI t
Ave		+38.8	+0.0	+0.4	11.1			X_5805MHz	:	
^ 11606.000	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	. 0.0	02.0	,	- · -	, 520
		+38.8	+0.0	+0.4				X_5805MHz	<u>.</u>	
24 17411.330	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		
^ 17411.330	53.4	+0.0	+0.0	+0.0		-10.0	66.6	71.7	-5.1	Horiz
M		+0.0	+12.5	-33.6	+1.5					
		+42.4	+0.0	+0.4				X_5805MHz		
26 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			V 002 11 2	74534	
Ave		+38.8	+0.0	+0.4				X_802.11a_5)/45M	
^ 11490.000	10 5	ΙΔ Δ	100	ι Ο Ο	100	100	62.5	Hz 71.7	0.2	Horiz
^ 11490.000 M	48.5	$+0.0 \\ +0.0$	+0.0 +9.6	+0.0 -35.9	+0.0	+0.0	62.5	71.7	-9.2	HOIIZ
IVI		+38.8	+9.0 +0.0	-33.9 +0.4	+1.1			X_802.11a_5	5745M	
		1 30.0	10.0	1 U. 1				Hz	, , T J1 V1	
								114		



^	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			X 000 11 5745 4	
			+38.8	+0.0	+0.4				Y_802.11a_5745M	
29	17283.330	38.3	+0.0	+0.0	+0.0	+0.0	-10.0	50.8	Hz 71.7 -20.9	Horiz
29	M	36.3	+0.0 +0.0	+12.5	-33.6	+1.5	-10.0	30.8	71.7 -20.9	попи
	Ave		+41.8	+0.0	+0.3	11.5			Z_802.11a_5765M	
	1110		111.0	10.0	10.5				Hz	
٨	17283.330	52.6	+0.0	+0.0	+0.0	+0.0	-10.0	65.1	71.7 -6.6	Horiz
	M		+0.0	+12.5	-33.6	+1.5				
			+41.8	+0.0	+0.3				Z_802.11a_5765M	
									Hz	
31	11525.930	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	
٨	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			V 902 11 . 5765M	
			+38.8	+0.0	+0.4				X_802.11a_5765M Hz	
33	6906.567M	44.1	+0.0	+0.0	+0.0	+0.0	+0.0	50.5	71.7 -21.2	Horiz
	Ave	44.1	+0.0	+6.7	-36.5	+0.8	+0.0	30.3	Z_802.11a_5180M	110112
	1110		+34.9	+0.0	+0.5	10.0			Hz	
34	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			,	
	Ave		+38.8	+0.0	+0.4				X_802.11a_5765M	
									Hz	
٨	11526.000	49.6	+0.0	+0.0	+0.0	+0.0	+0.0	63.6	71.7 -8.1	Horiz
	M		+0.0	+9.6	-35.9	+1.1				
			+38.8	+0.0	+0.4				X_802.11a_5765M	
									Hz	
36	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			X 000 11 5545X	
	Ave		+38.8	+0.0	+0.4				X_802.11a_5745M	
٨	11490.000	51.5	+0.0	+0.0	+0.0	+0.0	+0.0	65.5	Hz 71.7 -6.2	Vert
	M	31.3	+0.0	+0.0 +9.6	-35.9	+0.0	+0.0	05.5	71.7 -0.2	vert
	171		+38.8	+9.0	-33.9 +0.4	⊤1.1			Y_802.11a_5745M	
			1 20.0	10.0	10.7				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	+0.0	+9.6	-35.9	+1.1	. 0.0	02.0	, , , , , ,	. 010
			+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	71.7 -13.5	Vert
	M		+0.0	+9.6	-35.9	+1.1				
			+38.8	+0.0	+0.4				Z_802.11a_5745M	
									Hz	
40	17421.670	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			7 000 11 500535	
	Ave		+42.4	+0.0	+0.4				Z_802.11a_5805M	
									Hz	



^ 17421.670	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	
42 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	
43 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	
44 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	
45 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	
47 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	
		+34.9	+0.0	+0.5				Hz	
48 15720.000	31.0	+0.0	+0.0	+0.0	+0.0	+0.0	48.3	71.7 -23.4	Horiz
M		+0.0	+11.8	-34.4	+1.4				
Ave		+38.0	+0.0	+0.5				Z_802.11a_5240M	
40 47 400 000								Hz	
49 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			** 000 11	
Ave		+38.0	+0.0	+0.5				Y_802.11a_5200M	
5 0 10100 000	2.5.2	0.0	0.0	0.0	0.0	0.0	40.2	Hz	** '
50 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			X 000 11 5000 6	
Ave		+38.0	+0.0	+0.3				Y_802.11a_5200M	
£1 (022 407) £	41.0	.0.0	.00		.0.0	.00	49.2	Hz 22.5	TT
51 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 6022 407N	47.0	+34.9	+0.0	+0.5	ι Ο Ο	ι Λ Λ	542	Hz 71.7 17.4	Uon!-
^ 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 Hz	
52 6022 050M	41.7	+34.9	+0.0	+0.5	10.0	ι Ο Ο	/O 1		Vant
53 6933.050M	41.7	+0.0	+0.0	+0.0	+0.0	+0.0	48.1		Vert
Ave		+0.0 +34.9	$+6.7 \\ +0.0$	-36.5 +0.5	+0.8			Y_802.11a_5200M Hz	
A 6022 050M	49 N				10.0	ι Ο Ο	511		Vant
^ 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	
55 6006 522N	11 1	+34.9	+0.0	+0.5	10.0	+0.0	10.0	Hz 71.7 -23.7	Vant
55 6986.533M	41.4	+0.0	+0.0	+0.0	+0.0	+0.0	48.0		Vert
Ave		+0.0	+6.7 +0.0	-36.4 +0.5	+0.8			Y_802.11a_5240M	
		+35.0	+0.0	+0.5				Hz	



A (00) (52)	22.46.7	.0.0	. 0. 0	. 0. 0	. 0. 0	. 0. 0	52.2	71.7 10.4	X7 /
^ 6986.533	3M 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	
	20.7	+35.0	+0.0	+0.5				Hz	** '
57 15542.50	00 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			7 000 11 7100) 7	
Ave		+38.0	+0.0	+0.5				Z_802.11a_5180M	
								Hz	
^ 15542.50	00 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	
50 11610 00	22.5	0.0	0.0	0.0	0.0	0.0	47.5	Hz	T .7
59 11610.00	00 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			7 000 11 5005) 5	
Ave		+38.8	+0.0	+0.4				Z_802.11a_5805M	
4 44540.00	20 45 4	0.0	0.0	0.0	0.0	0.0	70. 4	Hz	**
^ 11610.00	00 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			7 000 11 50053 5	
		+38.8	+0.0	+0.4				Z_802.11a_5805M	
61 15005 00	24.2	.00	. 0. 0	. 0. 0	. 0. 0	. 0. 0	47.1	Hz	X7 .
61 17235.82	20 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			7, 000 11	
Ave		+41.6	+0.0	+0.3				Z_802.11a_5745M	
17225.00	27.2	0.0	0.0	0.0	0.0	0.0	50.5	Hz	T .7
^ 17235.82	20 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			7, 000 11	
		+41.6	+0.0	+0.3				Z_802.11a_5745M	
62 17225 00	24.0	. 0. 0	. 0. 0	. 0. 0	. 0. 0	10.0	47.1	Hz 24.6	X7
63 17235.00	00 34.9	+0.0	+0.0	+0.0	+0.0	-10.0	47.1	71.7 -24.6	Vert
M		+0.0	+12.5	-33.7	+1.5			V 902 11 . 5745M	
Ave		+41.6	+0.0	+0.3				X_802.11a_5745M	
A 17025 00	20 46.6	.00	. 0. 0	. 0. 0	. 0. 0	10.0	50.0	Hz 12.0	X I
^ 17235.00	00 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			V 902 11 . 5745M	
		+41.6	+0.0	+0.3				X_802.11a_5745M Hz	
65 11490.00	00 32.8	+0.0	+0.0	+0.0	ι Ο Ο	+0.0	46.8	71.7 -24.9	Vert
65 11490.00 M	32.8	+0.0	+0.0 +9.6	+0.0 -35.9	$+0.0 \\ +1.1$	+0.0	40.8	11.1 -24.9	ven
1		+38.8			+1.1			Z_802.11a_5745M	
Ave		+30.0	+0.0	+0.4				L_802.11a_3743MI Hz	
66 10400.00	00 34.8	+0.0	+0.0	+0.0	+0.0	+0.0	46.7	71.7 -25.0	Horiz
M	0 34.8	+0.0	+8.8	+0.0 -36.2		+0.0	40.7	/1./ -25.0	попи
Ave		+38.0	+8.8 +0.0	-30.2 +0.3	+1.0			Z_802.11a_5200M	
Ave		+36.0	+0.0	+0.3				L_802.11a_3200M Hz	
67 17289.00	00 34.1	+0.0	+0.0	+0.0	+0.0	-10.0	46.6	71.7 -25.1	Vert
67 17289.00 M	0 34.1	+0.0	+0.0	+0.0 -33.6	+0.0	-10.0	40.0	/1./ -23.1	vert
Ave		+41.8	+12.3 +0.0	+0.3	⊤1.5			X_802.11a_5765M	
Ave		±+1.0	+0.0	±0.5				Hz	
^ 17289.00	00 45.4	+0.0	+0.0	+0.0	+0.0	-10.0	57.9	71.7 -13.8	Vert
M	43.4	+0.0	+0.0	-33.6	+0.0	-10.0	31.7	/1./ -13.8	v CI l
141		+41.8	+12.3 +0.0	+0.3	⊤1.5			X_802.11a_5765M	
		±+1.0	+0.0	±0.5				Hz	
								112	



-										
69		34.0	+0.0	+0.0	+0.0	+0.0	-10.0	46.6	71.7 -25.1	Vert
	M		+0.0	+12.5	-33.6	+1.5			V 000 11 576535	
	Ave		+41.9	+0.0	+0.3				Y_802.11a_5765M Hz	
^	17292.220	45.5	+0.0	+0.0	+0.0	+0.0	-10.0	58.1	71.7 -13.6	Vert
	M	43.3	+0.0 +0.0	+12.5	-33.6	+1.5	-10.0	36.1	/1./ -13.0	VEIL
	141		+41.9	+0.0	+0.3	11.5			Y_802.11a_5765M	
									Hz	
71	11529.330	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_5765M	
	15220 500	212			0.0		10.0		Hz	**
72	17230.500	34.3	+0.0	+0.0	+0.0	+0.0	-10.0	46.5	71.7 -25.2	Vert
	M		+0.0 +41.6	$+12.5 \\ +0.0$	-33.7 +0.3	+1.5			Y_802.11a_5745M	
	Ave		+41.0	+0.0	+0.3				Hz	
٨	17230.500	46.2	+0.0	+0.0	+0.0	+0.0	-10.0	58.4	71.7 -13.3	Vert
	M	10.2	+0.0	+12.5	-33.7	+1.5	10.0	20.7	, 1., 13.3	, 011
	_		+41.6	+0.0	+0.3				Y_802.11a_5745M	
									Hz	
74	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	
	17415.000	22.7	0.0	0.0	0.0	0.0	.0.0	7	Hz 14.0	¥7 ·
^	17115.000	33.7	+0.0	+0.0	+0.0	+0.0	+0.0	56.9	71.7 -14.8	Vert
	M		+0.0 +42.4	$+12.5 \\ +0.0$	-33.6 +0.4	+1.5			Z_802.11a_5805M	
			⊤+∠. 4	+0.0	±0.4				Hz	
76	15540.000	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_5180M	
									Hz	
^	133 10.000	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			** 000 44 = =100==	
			+38.0	+0.0	+0.5				Y_802.11a_5180M	
^	15540.000	20.5	100	100	ι Ο Ο	100	100	5 C F	Hz 71.7 15.2	Vont
	15540.000 M	39.5	+0.0	$+0.0 \\ +11.7$	+0.0 -34.6	$+0.0 \\ +1.4$	+0.0	56.5	71.7 -15.2	Vert
	1V1		+38.0	+11.7	-34.6 +0.5	+1.4			Z_802.11a_5180M	
			150.0	10.0	10.5				Hz	
79	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		,	23.0	
	Ave		+38.8	+0.0	+0.4				Y_802.11a_5765M	
									Hz	
٨	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				
			+38.8	+0.0	+0.4				Y_802.11a_5765M	
0.1	15720 000	20.2	.00	.0.0	.00	.00	.00	15.0	Hz 26.1	II.
81	15720.000 M	28.3	+0.0	+0.0	+0.0	+0.0	+0.0	45.6	71.7 -26.1	Horiz
	M Ave		+0.0 +38.0	$+11.8 \\ +0.0$	-34.4 +0.5	+1.4			Y_802.11a_5240M	
	AVC		+30.0	+0.0	±0.5				Hz	
									112	



02	17202 900	22.0	ι Ο Ο	ι Ο Ο	· O O	ι Ο Ο	10.0	15 6	71.7 26.1	LI ou! -
82	17292.800 M	33.0	$+0.0 \\ +0.0$	+0.0 +12.5	+0.0 -33.6	+0.0 +1.5	-10.0	45.6	71.7 -26.1	Horiz
,	Ave		+41.9	+0.0	+0.3	⊤1.5			Y_802.11a_5765M	
_					10.5				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				
			+41.9	+0.0	+0.3				Y_802.11a_5765M	
0.4	10400 000	22.6	0.0	0.0	0.0	0.0	0.0	1	Hz	** .
84	10480.000	33.6	+0.0	+0.0	+0.0	+0.0	+0.0	45.6	71.7 -26.1	Horiz
	M Ave		+0.0 +38.0	+8.9 +0.0	-36.2 +0.3	+1.0			Z_802.11a_5240M	
1	AVC		+36.0	+0.0	+0.5				Hz	
85	10359.830	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				
1	Ave		+38.0	+0.0	+0.3				Z_802.11a_5180M	
									Hz	
^	10359.830	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			7 002 11 7100 7	
			+38.0	+0.0	+0.3				Z_802.11a_5180M	
87	15600.000	28.1	+0.0	+0.0	+0.0	+0.0	+0.0	45.2	Hz 71.7 -26.5	Vert
07	M	20.1	+0.0	+11.8	-34.6	+1.4	10.0	73.2	71.7 -20.3	VCIT
1	Ave		+38.0	+0.0	+0.5				X 802.11a 5200M	
									Hz	
^	15600.000	42.2	+0.0	+0.0	+0.0	+0.0	+0.0	59.3	71.7 -12.4	Vert
	M		+0.0	+11.8	-34.6	+1.4				
			+38.0	+0.0	+0.5				Y_802.11a_5200M	
٨	15,000,000	40.2	.00	+ O O	. 0. 0	.00	.00	57.4	Hz	Mont
^	15600.000 M	40.3	$+0.0 \\ +0.0$	$+0.0 \\ +11.8$	+0.0 -34.6	$+0.0 \\ +1.4$	+0.0	57.4	71.7 -14.3	Vert
	141		+38.0	+0.0	+0.5	11.7			X_802.11a_5200M	
				. 0.0	. 0.0				Hz	
90	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				
1	Ave		+38.0	+0.0	+0.3				X_802.11a_5200M	
	10100000								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 +38.0	$+8.8 \\ +0.0$	-36.2 +0.3	+1.0			X_802.11a_5200M	
			130.0	+0.0	FU.3				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		7		
			+38.0	+0.0	+0.3				Y_802.11a_5200M	
									Hz	
93	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			V 000 11 - 5040 4	
1	Ave		+38.0	+0.0	+0.3				X_802.11a_5240M Hz	
^	10480.000	46.7	+0.0	+0.0	+0.0	+0.0	+0.0	58.7	71.7 -13.0	Horiz
	M	70.7	+0.0	+8.9	-36.2	+1.0	10.0	50.7	71.7 -13.0	110112
			+38.0	+0.0	+0.3	. 1.0			Z_802.11a_5240M	
									Hz	



A 10400 000	45.0	. 0. 0	. 0. 0	. 0. 0	. 0. 0	. 0. 0	57.0	71.7 12.0	77 '
^ 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 902 11 - 5240M	
		+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 +0.0	+8.9	+0.0 -36.2	+0.0	+0.0	30.8	/1./ -14.9	попх
1V1		+38.0	+0.0	+0.3	+1.0			Y_802.11a_5240M	
		130.0	10.0	10.5				Hz	
97 10358.500	33.2	+0.0	+0.0	+0.0	+0.0	+0.0	45.1	71.7 -26.6	Horiz
M	00.2	+0.0	+8.8	-36.2	+1.0	10.0	13.1	71.7 20.0	HOHE
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	71.7 -12.8	Horiz
M		+0.0	+8.8	-36.2	+1.0				
		+38.0	+0.0	+0.3				X_802.11a_5180M	
								Hz	
99 11610.000	31.1	+0.0	+0.0	+0.0	+0.0	+0.0	45.1	71.7 -26.6	Horiz
M		+0.0	+9.6	-35.9	+1.1				
Ave		+38.8	+0.0	+0.4				Y-	
4 44 540 000	10.1	0.0	0.0	0.0	0.0	0.0		802.11a_5805MHz	** .
^ 11610.000	43.1	+0.0	+0.0	+0.0	+0.0	+0.0	57.1	71.7 -14.6	Horiz
M		+0.0	+9.6	-35.9	+1.1			3 7	
		+38.8	+0.0	+0.4				Y- 802.11a_5805MHz	
101 10479.000	33.0	+0.0	+0.0	+0.0	+0.0	+0.0	45.0	71.7 -26.7	Vert
M	33.0	+0.0	+8.9	-36.2	+1.0	+0.0	45.0	/1./ -20./	veit
Ave		+38.0	+0.0	+0.3	+1.0			Z_802.11a_5240M	
7140		130.0	10.0	10.5				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_5240M	
								Hz	
103 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_5180M	
								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			TT 000 44 - 71057	
		+38.0	+0.0	+0.3				X_802.11a_5180M	
105 17415 000	21.0	.00	.0.0	. 0. 0	. 0. 0	10.0	45.0	Hz	
105 17415.000	31.8	+0.0	+0.0	+0.0	+0.0	-10.0	45.0	71.7 -26.7	Horiz
M		+0.0	+12.5	-33.6	+1.5			Y-	
Ave		+42.4	+0.0	+0.4				802.11a_5805MHz	
^ 17415.000	44.3	+0.0	+0.0	+0.0	+0.0	-10.0	57.5	71.7 -14.2	Horiz
M	 .5	+0.0	+12.5	-33.6	+1.5	-10.0	31.3	/1./ -14.2	11011Z
171		+42.4	+0.0	+0.4	11.5			Y-	
			10.0					802.11a_5805MHz	
107 17411.330	31.7	+0.0	+0.0	+0.0	+0.0	-10.0	44.9	71.7 -26.8	Vert
M		+0.0	+12.5	-33.6	+1.5				
Ave		+42.4	+0.0	+0.4				X_5805MHz	
p-									



15441.220	10.1	0.0	0.0	0.0	0.0	10.0		51.5	
^ 17411.330	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			X 50053 (II	
100 1511115		+42.4	+0.0	+0.4		100		X_5805MHz	
109 17416.170	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_5805MH	
^ 17416.170	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-	
111 17201 000	21.0	. 0. 0	. 0. 0	. 0. 0	. 0. 0	. 0. 0	44.5	802.11a_5805MH	
111 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			7 000 11 57 65	
Ave		+41.9	+0.0	+0.3				Z_802.11a_5765N	VI.
A 17201 000	22.0			. 0. 0	. 0. 0	.0.0	5 T A	Hz 71.7	2 17 .
^ 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			7 900 11 5765	.A
		+41.9	+0.0	+0.3				Z_802.11a_5765N	VI
112 10400 000	22.4	ι Ο Ο	ι Ο Ο	1 A A	ι Ο Ο	ΙΩΩ	11 1	Hz 71.7 27	2
113 10480.000 M	32.4	$+0.0 \\ +0.0$	+0.0 +8.9	+0.0 -36.2	$+0.0 \\ +1.0$	+0.0	44.4	71.7 -27.	3 Horiz
Ave		+38.0	+0.0	+0.3	+1.0			Y 802.11a 5240l	М
Ave		+36.0	+0.0	+0.3				Hz	VI
114 10480.000	32.3	+0.0	+0.0	+0.0	+0.0	+0.0	44.3	71.7 -27.	4 Vert
M	32.3	+0.0 +0.0	+8.9	-36.2	+0.0	+0.0	44.3	/1./ -2/.	4 Veit
Ave		+38.0	+0.0	+0.3	+1.0			X_802.11a_52401	M
Avc		+30.0	+0.0	±0.5				Hz	VI
^ 10480.000	43.4	+0.0	+0.0	+0.0	+0.0	+0.0	55.4	71.7 -16.	3 Vert
M	13.1	+0.0	+8.9	-36.2	+1.0	10.0	33.1	71.7	y voit
171		+38.0	+0.0	+0.3	11.0			X_802.11a_52401	м
			. 0.0	. 0.0				Hz	
116 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_52401	М
								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_52401	М
								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				
		+38.0	+0.0	+0.5				Y_802.11a_52401	M
								Hz	
119 15720.000	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				
Ave		+38.0	+0.0	+0.5				X_802.11a_52401	M
								Hz	
^ 15720.000	43.2	+0.0	+0.0	+0.0	+0.0	+0.0	60.5	71.7 -11.	2 Horiz
M		+0.0	+11.8	-34.4	+1.4				
		+38.0	+0.0	+0.5				Z_802.11a_5240M	М
								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_5240M	
								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_5240M	
								Hz	
123 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_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				
1,2		+38.0	+0.0	+0.5				Y_802.11a_5180M	
								Hz	
125 15540.000	27.0	+0.0	+0.0	+0.0	+0.0	+0.0	44.0	71.7 -27.7	Vert
M	_,.0	+0.0	+11.7	-34.6	+1.4	. 0.0			. 011
Ave		+38.0	+0.0	+0.5				Z_802.11a_5180M	
1110		150.0	10.0	10.5				Hz	
126 11490.000	29.5	+0.0	+0.0	+0.0	+0.0	+0.0	43.5	71.7 -28.2	Horiz
M	27.5	+0.0	+9.6	-35.9	+1.1	10.0	13.5	71.7 20.2	HOHE
Ave		+38.8	+0.0	+0.4	11.1			Y_802.11a_5745M	
Ave		130.0	10.0	10.4				Hz	
127 15538.580	26.5	+0.0	+0.0	+0.0	+0.0	+0.0	43.5	71.7 -28.2	Vert
M	20.3	+0.0	+11.7	-34.6	+1.4	10.0	73.3	71.7 -20.2	VCIT
Ave		+38.0	+0.0	+0.5	⊤1. 4			X_802.11a_5180M	
Ave		130.0	10.0	10.5				Hz	
^ 15538.580	38.0	+0.0	+0.0	+0.0	+0.0	+0.0	55.0	71.7 -16.7	Vert
M	36.0	+0.0	+11.7	-34.6	+1.4	+0.0	33.0	/1./ -10./	VCIL
171		+38.0	+0.0	+0.5	11.7			X_802.11a_5180M	
		⊤30.0	+0.0	±0.5				Hz	
129 10399.170	31.4	+0.0	+0.0	+0.0	+0.0	+0.0	43.3	71.7 -28.4	Vert
129 10399.170 M	31.4	+0.0	+8.8	-36.2	+0.0	+0.0	43.3	11.1 -20.4	v eit
		+38.0	+8.8 +0.0	+0.3	+1.0			Z_802.11a_5200M	
Ave		+50.0	+0.0	+0.3				Hz	
^ 10399.170	43.1	+0.0	+0.0	+0.0	_0.0	ι Ο Ο	55.0		Vert
	43.1				+0.0	+0.0	33.0	71.7 -16.7	vert
M		+0.0	+8.8	-36.2	+1.0			7 202 11a 5200M	
		+38.0	+0.0	+0.3				Z_802.11a_5200M	
121 15720 000	25.6	. 0. 0	. 0. 0	. 0. 0	.00	100	42.0	Hz 20.0	V 7
131 15720.000	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			V 902 11 2 5240M	
Ave		+38.0	+0.0	+0.5				Y_802.11a_5240M	
122 (09) (77)	26.2			.00	.00	.0.0	42.0	Hz 29.0	V I4
132 6986.667M	36.2	+0.0	+0.0	+0.0	+0.0	+0.0	42.8	71.7 -28.9	Vert
Ave		+0.0	+6.7	-36.4	+0.8			Z_802.11a_5240M	
A (00) ((7) *	42.0	+35.0	+0.0	+0.5	.00	. 0. 0	40.5	Hz 22.2	X 7 ·
^ 6986.667M	42.9	+0.0	+0.0	+0.0	+0.0	+0.0	49.5	71.7 -22.2	Vert
		+0.0	+6.7	-36.4	+0.8			Z_802.11a_5240M	
		+35.0	+0.0	+0.5				Hz	



<u> </u>									
134 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			X 000 11 510035	
Ave		+38.0	+0.0	+0.3				Y_802.11a_5180M	
^ 10360,000	42.0	ΙΔ Δ	100	ι Ο Ο	ΙΟ Ο	ι Ο Ο	547	Hz 71.7 17.0	Uomin
^ 10360.000 M	42.8	$+0.0 \\ +0.0$	$+0.0 \\ +8.8$	+0.0 -36.2	+0.0 +1.0	+0.0	54.7	71.7 -17.0	Horiz
IVI		+38.0	+0.0	+0.3	+1.0			Y_802.11a_5180M	
		130.0	10.0	10.5				Hz	
136 550.000M	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			7-11	
		+0.0	+0.0	+0.0					
137 15600.000	25.5	+0.0	+0.0	+0.0	+0.0	+0.0	42.6	71.7 -29.1	Horiz
M		+0.0	+11.8	-34.6	+1.4				
Ave		+38.0	+0.0	+0.5				X_802.11a_5200M	
								Hz	
^ 15600.000	45.3	+0.0	+0.0	+0.0	+0.0	+0.0	62.4	71.7 -9.3	Horiz
M		+0.0	+11.8	-34.6	+1.4				
		+38.0	+0.0	+0.5				Z_802.11a_5200M	
	=		0 -				 -	Hz	· ·
^ 15600.000	42.7	+0.0	+0.0	+0.0	+0.0	+0.0	59.8	71.7 -11.9	Horiz
M		+0.0	+11.8	-34.6	+1.4			V 000 11 - 5000 5	
		+38.0	+0.0	+0.5				Y_802.11a_5200M	
^ 15600 000	20.1	100	100	100	ΙΟ Ο	ι Ο Ο	55.0	Hz	Heni-
15000.000	38.1	$+0.0 \\ +0.0$	+0.0	+0.0	+0.0	+0.0	55.2	71.7 -16.5	Horiz
M		+38.0	$+11.8 \\ +0.0$	-34.6 +0.5	+1.4			X_802.11a_5200M	
		+36.0	+0.0	+0.5				A_802.11a_3200M Hz	
141 15602.500	25.5	+0.0	+0.0	+0.0	+0.0	+0.0	42.6	71.7 -29.1	Vert
M	23.3	+0.0	+11.8	-34.6	+1.4	10.0	72.0	11.1 -29.1	V CIT
Ave		+38.0	+0.0	+0.5	. 1. 1			Z_802.11a_5200M	
								Hz	
^ 15602.500	37.3	+0.0	+0.0	+0.0	+0.0	+0.0	54.4	71.7 -17.3	Vert
M		+0.0	+11.8	-34.6	+1.4				
		+38.0	+0.0	+0.5				Z_802.11a_5200M	
								Hz	
143 10483.330	30.6	+0.0	+0.0	+0.0	+0.0	+0.0	42.6	71.7 -29.1	Vert
M		+0.0	+8.9	-36.2	+1.0				
Ave		+38.0	+0.0	+0.3				Y_802.11a_5240M	
	=		0 -			2 -		Hz	•••
^ 10483.330	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			V 000 11 504035	
		+38.0	+0.0	+0.3				Y_802.11a_5240M	
145 15710 000	25.2	100	100	100	LO 0	ι Ο Ο	12.5	Hz 20.2	V
145 15719.000 M	25.2	$^{+0.0}_{+0.0}$	$+0.0 \\ +11.8$	+0.0 -34.4	$+0.0 \\ +1.4$	+0.0	42.5	71.7 -29.2	Vert
Ave		+38.0	+11.8	-34.4 +0.5	±1. 4			Z_802.11a_5240M	
Ave		±30.0	+0.0	±0.3				Z_602.11a_5240W1 Hz	
^ 15719.000	36.2	+0.0	+0.0	+0.0	+0.0	+0.0	53.5	71.7 -18.2	Vert
M	50.2	+0.0	+11.8	-34.4	+1.4	10.0	55.5	/1./ 10.2	, 011
171		+38.0	+0.0	+0.5	. 1. 1			Z_802.11a_5240M	
			. 0.0					Hz	
l									



		45.0	0.0	10.4		4.2	0.0	40.7		20.2	** '
	550.000M	47.0	+0.0	+18.4	+0.4	+4.3	+0.0	42.5	71.7	-29.2	Horiz
QI	P		-27.6	+0.0	+0.0	+0.0					
^ 4	550 000) 5	10.6	+0.0	+0.0	+0.0	1.0	0.0	45.1	71.7	26.6	TT :
^ :	550.000M	49.6	+0.0	+18.4	+0.4	+4.3	+0.0	45.1	71.7	-26.6	Horiz
			-27.6	+0.0	+0.0	+0.0					
^ 4	550 000M	10.2	+0.0	+0.0	+0.0	. 4.2	. 0. 0	42.0	71.7	27.0	II.a.i.
, ,	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					
Λ 4	549.998M	36.4	+0.0	+18.4	+0.0	+4.3	+0.0	31.9	71.7	-39.8	Horiz
	347.770W	30.4	-27.6	+10.4 $+0.0$	+0.4	+0.0	+0.0	31.9	/1./	-37.0	110112
			+0.0	+0.0	+0.0	+0.0					
151 69	933.483M	36.1	+0.0	+0.0	+0.0	+0.0	+0.0	42.5	71.7	-29.2	Vert
Av		30.1	+0.0	+6.7	-36.5	+0.8	10.0	72.3	Z_802.11a_		VCIT
71.	ve		+34.9	+0.0	+0.5	10.0			Hz	_5200111	
^ 6	933.483M	44.1	+0.0	+0.0	+0.0	+0.0	+0.0	50.5	71.7	-21.2	Vert
0.	733. 1031 11		+0.0	+6.7	-36.5	+0.8	10.0	30.3	Z_802.11a_		VOIC
			+34.9	+0.0	+0.5	10.0			Hz	_3200111	
153 1	0360.000	30.5	+0.0	+0.0	+0.0	+0.0	+0.0	42.4	71.7	-29.3	Vert
100 1	М	00.0	+0.0	+8.8	-36.2	+1.0	. 0.0		, ,	_,	, 610
Av			+38.0	+0.0	+0.3				Z_802.11a_	5180M	
									Hz	-	
154 1	5538.580	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					
Av	ve		+38.0	+0.0	+0.5				X_802.11a_	_5180M	
									Hz		
^ 1	5538.580	37.1	+0.0	+0.0	+0.0	+0.0	+0.0	54.1	71.7	-17.6	Horiz
	M		+0.0	+11.7	-34.6	+1.4					
			+38.0	+0.0	+0.5				X_802.11a_	_5180M	
									Hz		
156 1	0400.000	30.4	+0.0	+0.0	+0.0	+0.0	+0.0	42.3	71.7	-29.4	Vert
	M		+0.0	+8.8	-36.2	+1.0					
Av	ve		+38.0	+0.0	+0.3				Y_802.11a_	_5200M	
									Hz		
157 1	7235.000	30.1	+0.0	+0.0	+0.0	+0.0	-10.0	42.3	71.7	-29.4	Horiz
	M		+0.0	+12.5	-33.7	+1.5			¥7, 00 0 , 11	554534	
Av	ve		+41.6	+0.0	+0.3				Y_802.11a_	_5745M	
150 1	0260 000	20.2	100	100	100	100	ι Ο Ο	42.2	Hz 71.7	20.5	Vort
158 1	0360.000	30.3	+0.0	+0.0	+0.0	+0.0	+0.0	42.2	71.7	-29.5	Vert
Av	M		+0.0 +38.0	$+8.8 \\ +0.0$	-36.2 +0.3	+1.0			Y 802.11a	5190N/I	
A	ve		+38.0	+0.0	+0.5				1_802.11a_ Hz	_3180101	
^ 1	0360.000	43.3	+0.0	+0.0	+0.0	+0.0	+0.0	55.2	71.7	-16.5	Vert
1	M	+3.3	+0.0	+8.8	-36.2	+1.0	+0.0	33.2	/1./	-10.5	v CI t
	141		+38.0	+0.0	+0.3	11.0			Z_802.11a_	5180M	
			150.0	10.0	10.5				L_602.11a_ Hz		
^ 1	0360.000	43.3	+0.0	+0.0	+0.0	+0.0	+0.0	55.2	71.7	-16.5	Vert
1	M	13.3	+0.0	+8.8	-36.2	+1.0	10.0	55.2	, 1.,	10.5	, 011
			+38.0	+0.0	+0.3	. 1.0			Y 802.11a	5180M	
									Hz		
									ПZ		



161 800.000M												
100 100	161	800.000M	40.3	+0.0	+22.5	+0.4	+5.3	+0.0	41.3	71.7	-30.4	Horiz
\$\begin{array}{c c c c c c c c c c c c c c c c c c c		QP					+0.0					
100 100												
Noncommons **Nonc	^	800.000M	43.3				+5.3	+0.0	44.3	71.7	-27.4	Horiz
None							+0.0					
10400.000												
100 100	^	800.000M	41.6					+0.0	42.6	71.7	-29.1	Horiz
^ 800.010M							+0.0					
165 6933.333M												
165 6933.333M	^	800.010M	40.1					+0.0	41.1	71.7	-30.6	Horiz
165 6933.333M							+0.0					
Ave												
Hz	165	6933.333M	34.5					+0.0	40.9			Horiz
A 6933.333M		Ave					+0.8				5200M	
Holo				+34.9		+0.5						
167 10400.000	^	6933.333M	42.4					+0.0	48.8			Horiz
167 10400.000							+0.8				5200M	
M +0.0 +8.8 -36.2 +1.0 X_802.11a_5200M 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 <td></td>												
Ave	167		28.9					+0.0	40.8	71.7	-30.9	Horiz
Note		M					+1.0					
^ 10400.000		Ave		+38.0	+0.0	+0.3					5200M	
M												
\$\begin{array}{c c c c c c c c c c c c c c c c c c c	٨		48.7					+0.0	60.6	71.7	-11.1	Horiz
Note		M					+1.0					
^ 10400.000 46.5 +0.0 +0.0 +0.0 +0.0 +0.0 +0.0 +0.0 +0.0 +0.0 Horiz M +0.0 +8.8 -36.2 +1.0 Y_802.11a_5200M Y_802.11a_5180M Y_802.				+38.0	+0.0	+0.3					5200M	
M +0.0 +38.0 +38.0 +8.8 +0.0 +0.0 -36.2 +0.0 +0.0 +1.0 +0.0 +0.0 +0.0 +0.0 +0.0 +0.0 +0.0 +0.0 +0.0 +0.0 +0.0 +0.0 +0.0 +0.0 +0.0 <br< td=""><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></br<>												
+38.0	^		46.5					+0.0	58.4	71.7	-13.3	Horiz
M		M					+1.0					
^ 10400.000 42.6 +0.0 +0.0 +0.0 +0.0 +0.0 54.5 71.7 -17.2 Horiz M +0.0 +8.8 -36.2 +1.0 X_802.11a_5200M X_802.11a_5200M Hz 171 6906.500M 34.0 +0.0 +0.0 +0.0 +0.0 +0.0 +0.0 40.4 71.7 -31.3 Horiz Ave +0.0 +6.7 -36.5 +0.8 Y_802.11a_5180M Hz ^ 6906.567M 47.6 +0.0 +0.0 +0.0 +0.0 54.0 71.7 -17.7 Horiz A 6906.500M 43.5 +0.0 +0.0 +0.0 +0.0 +0.0 +0.0 +0.0 +0.0 Hz Horiz A 6906.500M 43.5 +0.0 +0.0 +0.0 +0.0 +0.0 +0.0 49.9 71.7 -21.8 Horiz 174 6986.633M 33.8 +0.0 +0.0 +0.0 +0.0 +0.0 +0.0 40.4 71.7 -31.3 Horiz A 6986.667M 47.0 +0.0 +0.0 +0.0				+38.0	+0.0	+0.3					5200M	
M +0.0 +8.8 -36.2 +1.0 X_802.11a_5200M Hz 171 6906.500M Ave 34.0 +0.0 +0.0 +0.0 +0.0 +0.0 +0.0 40.4 71.7 -31.3 Horiz Y_802.11a_5180M Hz ^ 6906.567M Ave +0.0 +0.0 +0.5 +0.8 Y_802.11a_5180M Hz +0.0												
H2	^		42.6					+0.0	54.5	71.7	-17.2	Horiz
Hz		M					+1.0			** 000 11	70001	
171 6906.500M				+38.0	+0.0	+0.3					5200M	
Ave +0.0 +6.7 -36.5 +0.8 Y_802.11a_5180M Hz ^ 6906.567M 47.6 +0.0 +0.0 +0.0 +0.0 +0.0 +0.0 54.0 71.7 -17.7 Horiz _ 6906.567M 47.6 +0.0 +6.7 -36.5 +0.8 Z_802.11a_5180M Hz _ 6906.500M 43.5 +0.0 +0.0 +0.0 +0.0 +0.0 49.9 71.7 -21.8 Horiz _ 6906.500M 43.5 +0.0 +0.0 +0.0 +0.0 +0.0 49.9 71.7 -21.8 Horiz _ 174 6986.633M 33.8 +0.0 +0.0 +0.5 +0.0 +		5005 5 00 3 5	240	0.0	0.0	0.0	0.0	0.0	40.4		21.2	** '
+34.9 +0.0 +0.5 Hz ^ 6906.567M 47.6 +0.0 +0.0 +0.0 +0.0 +0.0 54.0 71.7 -17.7 Horiz +0.0 +6.7 -36.5 +0.8 Z_802.11a_5180M Hz ^ 6906.500M 43.5 +0.0 +0.0 +0.0 +0.0 49.9 71.7 -21.8 Horiz +0.0 +6.7 -36.5 +0.8 Y_802.11a_5180M Hz 174 6986.633M 33.8 +0.0 +0.0 +0.0 +0.0 40.0 47.7 -31.3 Horiz Ave +0.0 +6.7 -36.4 +0.8 Y_802.11a_5240M Hz ^ 6986.667M 47.0 +0.0 +0.0 +0.0 +0.0 53.6 71.7 -18.1 Horiz - 6986.633M 42.6 +0.0 +0.0 +0.0 +0.0 53.6 71.7 -18.1 Horiz - 6986.633M 42.6 +0.0 +0.0 +0.0 +0.0 49.2 71.7 -22.5 Horiz			34.0					+0.0	40.4			Horiz
^ 6906.567M 47.6 +0.0 +0.0 +0.0 +0.0 +0.0 54.0 71.7 -17.7 Horiz +0.0 +6.7 -36.5 +0.8 10.8 Hz Hz ^ 6906.500M 43.5 +0.0 +0.0 +0.0 +0.0 +0.0 49.9 71.7 -21.8 Horiz +0.0 +6.7 -36.5 +0.8 Y_802.11a_5180M Hz 174 6986.633M 33.8 +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 Hz ^ 6986.667M 47.0 +0.0 +0.0 +0.0 +0.0 53.6 71.7 -18.1 Horiz - 6986.633M 42.6 +0.0 +0.0 +0.0 +0.0 40.0 53.6 71.7 -18.1 Horiz - 6986.633M 42.6 +0.0 +0.0 +0.0 +0.0 49.2 71.7 -22.5 Horiz		Ave					+0.8				5180M	
+0.0 +6.7 -36.5 +0.8 Z_802.11a_5180M Hz ^ 6906.500M		6006 F653 F	47.				.00	. 0. 0	540		17.7	TT .
+34.9 +0.0 +0.5 Hz ^ 6906.500M 43.5 +0.0 +0.0 +0.0 +0.0 49.9 71.7 -21.8 Horiz +0.0 +6.7 -36.5 +0.8 Y_802.11a_5180M Hz 174 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 Hz ^ 6986.667M 47.0 +0.0 +0.0 +0.0 +0.0 53.6 71.7 -18.1 Horiz _ 6986.633M 42.6 +0.0 +0.5 Hz Hz	٨	6906.567M	47.6					+0.0	54.0			Horiz
^ 6906.500M 43.5 +0.0 +0.0 +0.0 +0.0 +0.0 49.9 71.7 -21.8 Horiz +0.0 +6.7 -36.5 +0.8 Y_802.11a_5180M Hz 174 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 Hz ^ 6986.667M 47.0 +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 Hz ^ 6986.633M 42.6 +0.0 +0.0 +0.0 +0.0 49.2 71.7 -22.5 Horiz							+0.8				2180M	
+0.0 +6.7 -36.5 +0.8 Y_802.11a_5180M 174 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 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 Hz ^ 6986.633M 42.6 +0.0 +0.0 +0.0 +0.0 49.2 71.7 -22.5 Horiz		(00/ 500) 4	42.5				, 0.0	.00	40.0		21.0	TT - ··'
+34.9 +0.0 +0.5 Hz 174 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 Hz ^ 6986.667M 47.0 +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 Hz ^ 6986.633M 42.6 +0.0 +0.0 +0.0 +0.0 49.2 71.7 -22.5 Horiz	٨	0906.500M	43.5					+0.0	49.9			Horiz
174 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 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 Hz ^ 6986.633M 42.6 +0.0 +0.0 +0.0 +0.0 49.2 71.7 -22.5 Horiz							+0.8				STAUM	
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 53.6 71.7 -18.1 Horiz +0.0 +6.7 -36.4 +0.8 Z_802.11a_5240M Hz ^ 6986.633M 42.6 +0.0 +0.0 +0.0 +0.0 49.2 71.7 -22.5 Horiz	174	(00((22) 4	22.0				, 0.0	.00	40.4		21.2	TT - ··'
+35.0 +0.0 +0.5 Hz ^ 6986.667M 47.0 +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			33.8					+0.0	40.4			Horiz
^ 6986.667M		Ave					+0.8				324UM	
+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		(00)(((7))	47.0				, 0.0	.00	F2.6		10.1	TT - ··'
+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	٨	0980.06/M	47.0					+0.0	53.6			Horiz
^ 6986.633M							+0.8				324UM	
		6006 6223 5	10 -				.00	. 0. 0	40.2		22.5	
	٨	0980.633M	42.6					+0.0	49.2			Horiz
				+0.0	+6.7	-36.4	+0.8				524UM	
+35.0 +0.0 +0.5 Hz				+33.0	+0.0	+0.5				HZ		



1.77	250 0501 6	11.6	10.5	0.0	0.2	2.0	0.0	20.5	71.7	22.2	TT .
177	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					
170	25.C 000M	117	+0.0	+0.0	+0.0	.2.0	+0.0	39.4	71.7	20.2	II.a.i.
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					
170	22973.330	40.4	+0.0	+0.0	+0.0	+0.0	-10.0	39.4	71.7	-32.3	Vert
1/9	M	40.4	+0.0	+0.0 +0.0	-32.4	+0.0	-10.0	39.4	/1./	-32.3	vert
	Ave		+0.0 +0.0	+39.7	+0.0	+1.7					
	22973.330	54.0	+0.0	+0.0	+0.0	+0.0	-10.0	53.0	71.7	-18.7	Vert
	M	34.0	+0.0	+0.0	-32.4	+1.7	-10.0	33.0	/1./	-10.7	VCIT
	IVI		+0.0	+39.7	+0.0	11.7					
181	257.010M	44.6	+19.3	+0.0	+0.3	+2.8	+0.0	39.3	71.7	-32.4	Vert
101	237.010W	77.0	-27.7	+0.0	+0.0	+0.0	10.0	37.3	/1./	-32 . -	VCIT
			+0.0	+0.0	+0.0	10.0					
182	259.030M	44.2	+19.5	+0.0	+0.3	+2.8	+0.0	39.1	71.7	-32.6	Vert
102	237.030111	11.2	-27.7	+0.0	+0.0	+0.0	10.0	37.1	/1./	32.0	V 011
			+0.0	+0.0	+0.0	10.0					
183	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	20.5	,	02.0	, 010
	4 -		+0.0	+0.0	+0.0	. 0.0					
٨	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						
187	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						
٨	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						
٨	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						
191	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						
192	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						
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						
	800.010M	36.6	+0.0	+22.5	+0.4	+5.3	+0.0	37.6	71.7	-34.1	Horiz
Q	P		-27.2	+0.0	+0.0	+0.0					
			+0.0	+0.0	+0.0						
198 2	23226.670	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					
	ve		+0.0	+39.8	+0.0						
^ 2	23226.670	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						
200	449.983M	44.1	+0.0	+16.6	+0.3	+3.8	+0.0	37.0	71.7	-34.7	Horiz
			-27.8	+0.0	+0.0	+0.0					
			+0.0	+0.0	+0.0						
201	900.000M	33.8	+0.0	+23.8	+0.7	+5.7	+0.0	36.8	71.7	-34.9	Vert
			-27.2	+0.0	+0.0	+0.0					
			+0.0	+0.0	+0.0						
202	267.020M	40.9	+20.3	+0.0	+0.3	+2.9	+0.0	36.6	71.7	-35.1	Horiz
			-27.8	+0.0	+0.0	+0.0					
			+0.0	+0.0	+0.0						
203 2	23063.330	37.5	+0.0	+0.0	+0.0	+0.0	-10.0	36.5	71.7	-35.2	Vert
	M		+0.0	+0.0	-32.4	+1.7					
	ve	40.2	+0.0	+39.7	+0.0	0.0	10.0	40.0	71.7	22.4	***
^ 2	23063.330	49.3	+0.0	+0.0	+0.0	+0.0	-10.0	48.3	71.7	-23.4	Vert
	M		+0.0	+0.0	-32.4	+1.7					
205	225 02014	10.1	+0.0	+39.7	+0.0	.0.6	. 0. 0	26.2	71.7	25.4	X7 .
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					
206	440.06614	42.2	+0.0	+0.0	+0.0	12.0	100	26.1	71.7	25.6	Vent
206	449.966M	43.2	+0.0	+16.6	$+0.3 \\ +0.0$	+3.8	+0.0	36.1	71.7	-35.6	Vert
			-27.8 +0.0	$+0.0 \\ +0.0$	+0.0	+0.0					
207	399.966M	44.0	+0.0	+15.7	+0.0	+3.6	+0.0	35.9	71.7	-35.8	Vert
207 Q		44.0	+0.0 -27.8	+15.7	+0.4	+3.0	+0.0	33.9	/1./	-33.8	ven
(<u>'</u> 1		+0.0	+0.0 +0.0	+0.0	+0.0					
٨	399.966M	47.4	+0.0	+15.7	+0.4	+3.6	+0.0	39.3	71.7	-32.4	Vert
	577.7UUIVI	7/.4	-27.8	+13.7	+0.4	+0.0	±0.0	37.3	/1./	-32.4	v CI t
			+0.0	+0.0	+0.0	10.0					
209	700.000M	34.2	+0.0	+23.5	+0.5	+4.9	+0.0	35.8	71.7	-35.9	Vert
207	, 50.0001	JT.2	-27.3	+0.0	+0.0	+0.0	10.0	22.0	/1./	55.7	V C11
			+0.0	+0.0	+0.0	10.0					
210	225.000M	42.8	+17.9	+0.0	+0.3	+2.6	+0.0	35.7	71.7	-36.0	Horiz
210	000141	12.0	-27.9	+0.0	+0.0	+0.0	10.0	55.1	/ 1./	20.0	TIOTIL
			+0.0	+0.0	+0.0	10.0					
<u> </u>			10.0	10.0	10.0						



211	500.000M	41.5	+0.0	+17.4	+0.4	+4.1	+0.0	35.6	71.7	-36.1	Vert
211	300.000M	41.3	+0.0 -27.8	+17.4 +0.0	+0.4	+4.1 +0.0	+0.0	33.0	/1./	-30.1	vert
			+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
212	319.991111	10.5	-27.8	+0.0	+0.0	+0.0	10.0	33.2	/1./	30.3	HOHE
			+0.0	+0.0	+0.0	10.0					
213	20973.330	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						
	20973.330	54.4	+0.0	+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					
			+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					
221	202 52014	25.0	+0.0	+0.0	+0.0	. 2.0	. 0. 0	24.1	71.7	27.6	
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					
222	279.010M	27.2	+0.0	+0.0	+0.0	12.0	+Ω.Ω	34.1	71.7	27.6	Vont
222	279.010M	37.2	+21.5 -27.8	+0.0	+0.3 +0.0	+2.9 +0.0	+0.0	34.1	/1./	-37.6	Vert
			+0.0	$^{+0.0}_{+0.0}$	+0.0 +0.0	+0.0					
223	400.007M	42.0	+0.0	+15.7	+0.0	+3.6	+0.0	33.9	71.7	-37.8	Horiz
223	+00.00/WI	72.0	-27.8	+13.7	+0.4	+0.0	10.0	55.7	/1./	-51.0	110112
			+0.0	+0.0	+0.0	10.0					
224	375.000M	40.2	+0.0	+17.3	+0.4	+3.5	+0.0	33.6	71.7	-38.1	Horiz
	3,5.000111	10.2	-27.8	+0.0	+0.0	+0.0	. 0.0	23.0	, 1.,	20.1	110112
			+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						



220	44 # 0203 #	44.0	0.0	1.60	0.4	2.5	0.0	22.2		20.4	**
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					
220	204.0223.4	10.5	+0.0	+0.0	+0.0	2.5	0.0	22.2	71.7	20.4	TT .
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					
220	224.06014	40.0	+0.0	+0.0	+0.0	.0.6	. 0. 0	22.1	71.7	20.6	TT .
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					
221	102.04034	42.2	+0.0	+0.0	+0.0	. 1.0	. 0. 0	22.1	71.7	20.6	X7 .
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					
222	274 00214	20.0	+0.0	+0.0	+0.0	. 2. 4	. 0. 0	22.1	71.7	20.6	TT'
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					
222	207.00014	25.4	+0.0	+0.0	+0.0	.20	. 0. 0	22.1	71.7	20.6	X I
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					
224	475.883M	20.4	+0.0	+0.0	+0.0	. 4.0	.00	22.0	71.7	20.7	II.ai.
234	4/3.883M	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					
225	472 092M	39.5	+0.0	+0.0	+0.0	+2.0	ι Ο Ο	32.9	71.7	20.0	Vont
235	473.982M	39.3	+0.0 -27.8	+17.0	+0.3	+3.9	+0.0	32.9	/1./	-38.8	Vert
			+0.0	$^{+0.0}_{+0.0}$	$^{+0.0}_{+0.0}$	+0.0					
226	220 010M	39.8				126	ι Ο Ο	32.8	71.7	-38.9	Vont
236	229.010M	39.8	+18.0	+0.0	+0.3	+2.6	+0.0	32.8	71.7	-38.9	Vert
			-27.9 +0.0	$^{+0.0}_{+0.0}$	$^{+0.0}_{+0.0}$	+0.0					
237	424.075M	40.1	+0.0	+16.1	+0.0	+3.7	+0.0	32.5	71.7	-39.2	Uoriz
237	424.073WI	40.1	-27.8	+10.1 +0.0	+0.4	+0.0	+0.0	32.3	/1./	-39.2	Horiz
			+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
236	229.030W	37.3	-27.9	+0.0	+0.0	+0.0	+0.0	32.3	/1./	-37.2	HOHZ
			+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
237	700.033IVI	30.0	-27.3	+0.0	+0.0	+0.0	10.0	32.7	/1./	-37.3	HOHZ
			+0.0	+0.0	+0.0	10.0					
240	427.049M	39.9	+0.0	+16.2	+0.3	+3.7	+0.0	32.3	71.7	-39.4	Vert
2-70	127.077111	37.7	-27.8	+0.0	+0.0	+0.0	10.0	22.3	/ 1./	37.7	, C11
			+0.0	+0.0	+0.0	10.0					
241	20720.000	33.8	+0.0	+0.0	+0.0	+0.0	-10.0	32.2	71.7	-39.5	Vert
	M	23.0	+0.0	+0.0	-32.8	+1.6	10.0	52.2	, 1.,	37.3	, 011
	Ave		+0.0	+39.6	+0.0	. 1.0					
	20720.000	48.2	+0.0	+0.0	+0.0	+0.0	-10.0	46.6	71.7	-25.1	Vert
	M		+0.0	+0.0	-32.8	+1.6					. 220
	_		+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					
2.15	450 0003 5	20.2	+0.0	+0.0	+0.0	2.0	0.0	21.2		40.7	** .
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					
240	464 4003 5	20.0	+0.0	+0.0	+0.0	2.0	0.0	21.2	71.7	40.5	
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					
240	126 120M	40.0	+0.0	+0.0	+0.0	. 1.0		21.2	71.7	40.5	II a mi m
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					
250	426 200M	20.0	+0.0	+0.0	+0.0	127	+ O O	31.2	71.7	40.5	Vont
230	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	+0.0	+3.7	+0.0	31.1	71.7	-40.6	Vert
231	432.930W	36.0	-27.8	+0.0	+0.3	+0.0	+0.0	31.1	/1./	-40.0	VEIL
			+0.0	+0.0	+0.0	10.0					
252	240.990M	37.6	+18.3	+0.0	+0.3	+2.7	+0.0	31.1	71.7	-40.6	Vert
232	240.770IVI	37.0	-27.8	+0.0	+0.0	+0.0	10.0	31.1	/1./	-1 0.0	VCIT
			+0.0	+0.0	+0.0	10.0					
253	251.010M	37.1	+18.6	+0.0	+0.3	+2.8	+0.0	31.1	71.7	-40.6	Vert
255	231.010111	37.11	-27.7	+0.0	+0.0	+0.0	10.0	51.1	, 1.,	10.0	, 011
			+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					
0.50	206.4423.5	27.2	+0.0	+0.0	+0.0		0.0	20.0	71.7	44.0	** '
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					
0.01	£10.0703.£	25.6	+0.0	+0.0	+0.0	. 4 1	.0.0	20.0	71.7	41.0	X7
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						

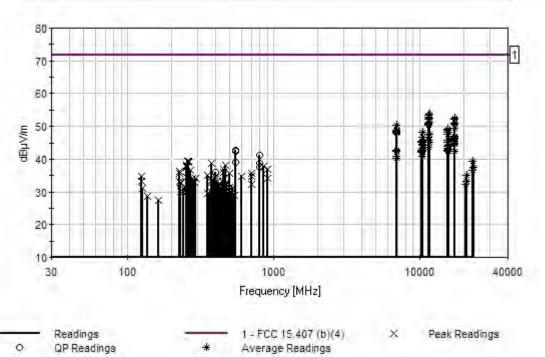


2.52	264.0003.4	25.0	. 0. 0	. 17.0	.0.0	. 2. 4	. 0. 0	20.7	71.7	42.0	T.7 .
262	364.900M	35.9	+0.0	+17.9	+0.3	+3.4	+0.0	29.7	71.7	-42.0	Vert
			-27.8	+0.0	+0.0	+0.0					
262	252 0173 4	25.0	+0.0	+0.0	+0.0	122	.00	20.7	71.7	42.1	II.
263	352.017M	35.0	+0.0	+18.8	+0.3	+3.3	+0.0	29.6	71.7	-42.1	Horiz
			-27.8	+0.0	+0.0	+0.0					
264	401.070M	25.6	+0.0	+0.0	+0.0	₊ A 1	100	20.6	71 7	42.1	Vant
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	+0.0	+4.2	+0.0	29.5	71.7	-42.2	Vert
203	313.000M	34.9	+0.0 -27.7	+17.7	+0.4	+0.0	+0.0	29.3	/1./	-42.2	ven
			+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
200	500.705IVI	50.5	-27.8	+10.9	+0.4	+0.0	10.0	49.3	/1./	-4 ∠.∠	v C11
			+0.0	+0.0	+0.0	10.0					
267	476.275M	35.8	+0.0	+17.0	+0.4	+4.0	+0.0	29.4	71.7	-42.3	Horiz
207	170.273141	22.0	-27.8	+0.0	+0.0	+0.0	10.0	27.7	, 1.,	12.3	110112
			+0.0	+0.0	+0.0	. 3.0					
268	523.770M	34.3	+0.0	+17.9	+0.4	+4.2	+0.0	29.1	71.7	-42.6	Vert
200	520, 01.1	2 1.2	-27.7	+0.0	+0.0	+0.0	. 5.0		. 1.,	.2.0	. 510
			+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					
07.5	202.0173.5	2.52	+0.0	+0.0	+0.0		0.0	20.5	7.5	40.1	¥7 ·
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					
277	467 2703 5	25.0	+0.0	+0.0	+0.0	. 2.0	.00	20.2	71.7	40.4	T7 :
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					
270	524 292N4	22.2	+0.0	+0.0	+0.0	+4.2	100	20.0	71 7	12.7	Ho::!-
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					
<u> </u>			+0.0	+0.0	+0.0						



279	369.690M	34.1	+0.0	+17.6	+0.3	+3.4	+0.0	27.6	71.7	-44.1	Horiz
			-27.8	+0.0	+0.0	+0.0					
			+0.0	+0.0	+0.0						
280	450.563M	34.6	+0.0	+16.6	+0.3	+3.8	+0.0	27.5	71.7	-44.2	Horiz
			-27.8	+0.0	+0.0	+0.0					
			+0.0	+0.0	+0.0						
281	163.090M	34.5	+18.5	+0.0	+0.3	+2.1	+0.0	27.5	71.7	-44.2	Horiz
			-27.9	+0.0	+0.0	+0.0					
			+0.0	+0.0	+0.0						
282	462.825M	33.4	+0.0	+16.8	+0.3	+3.9	+0.0	26.6	71.7	-45.1	Horiz
			-27.8	+0.0	+0.0	+0.0					
			+0.0	+0.0	+0.0						
283	487.366M	32.8	+0.0	+17.2	+0.4	+4.0	+0.0	26.6	71.7	-45.1	Vert
			-27.8	+0.0	+0.0	+0.0					
			+0.0	+0.0	+0.0						
284	379.917M	33.4	+0.0	+17.0	+0.4	+3.5	+0.0	26.5	71.7	-45.2	Horiz
			-27.8	+0.0	+0.0	+0.0					
			+0.0	+0.0	+0.0						
285	502.966M	32.2	+0.0	+17.5	+0.4	+4.1	+0.0	26.4	71.7	-45.3	Vert
			-27.8	+0.0	+0.0	+0.0					
			+0.0	+0.0	+0.0						
286	420.017M	34.0	+0.0	+16.1	+0.4	+3.7	+0.0	26.4	71.7	-45.3	Horiz
			-27.8	+0.0	+0.0	+0.0					
			+0.0	+0.0	+0.0						

CKC Laboratories, Inc. Date: 2/2/2010 Time: 13:43:58 Silex Technology, America, Inc. WO#: 90303 FCC 15.407 (b)(4) Test Distance: 3 Meters Sequence#: 7 SX-SDCAG





Limit Line Calculations for Antenna Manufactured by 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

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

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.

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Test Data Sheets

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 #: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):

1 1	,		
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

 $Power = 13.3 \text{ dBm } (0.0214\text{W}), 13.2 \text{dBm } (0.0209\text{W}), \ 13.3 \text{dBm } (0.0214), \ 12.6 \text{dBm} (0.0182), \ 12.6 \text{dBm } (0.0182\text{W}), \ 12.6 \text{dBm } (0.$

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:

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

Measu	rement Data:	Re	Reading listed by margin.				Te	est Distance	e: 3 Meters		
#	Freq	Rdng	T1	T2	T3	T4	Dist	Corr	Spec	Margin	Polar
			T5	T6							
	MHz	dΒμV	dB	dB	dB	dB	Table	$dB\muV/m$	$dB\muV/m$	dB	Ant
1	10360.130	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	10479.670	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	+8.8	-36.2	+1.0	+38.0	+0.0	61.8	72.3	-10.5	Horiz
	M		+0.0	+0.3							
									X_802.11a		
5	10360.330	49.7	+8.8	-36.2	+1.0	+38.0	+0.0	61.7	72.3	-10.6	Vert
	M		+0.4	+0.0							
		10.1				•			X_802.11a	100	
6	10400.930	49.6	+8.8	-36.2	+1.0	+38.0	+0.0	61.5	72.3	-10.8	Horiz
	M		+0.0	+0.3					7 900 11.		
7	17295.000	20.1	+12.5	-33.6	+1.5	+41.9	+0.0	60.7	Z_802.11a	-11.6	Vert
/	17293.000 M	38.1	+12.3 +0.0	-33.0 +0.3	+1.3	+41.9	+0.0	60.7	72.3	-11.0	vert
	IVI		+0.0	+0.5					X 802.11a		
8	17235.750	38.4	+12.5	-33.7	+1.5	+41.6	+0.0	60.6		-11.7	Vert
0	M	50.4	+0.0	+0.3	11.5	171.0	10.0	00.0	12.3	-11./	VCIT
	111		10.0	10.5					X_802.11a		
9	10479.670	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
	M		+0.0	+0.3							
									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					V 000 11		
12	10470 670	47.7	.0.0	26.2	. 1.0	. 20. 0	. 0. 0	50.7	X_802.11a	10.6	T 7 .
13	10479.670	47.7	+8.9	-36.2	+1.0	+38.0	+0.0	59.7	72.3	-12.6	Vert
	M		+0.0	+0.3					7 802 110		
1.4	17295.000	36.9	+12.5	-33.6	+1.5	+41.9	+0.0	50.5	Z_802.11a 72.3	-12.8	Horiz
14	M	30.9	+0.0	+0.3	+1.5	± 4 1.7	+0.0	39.3	12.3	-12.0	HOHZ
	171		10.0	10.5					Z_802.11a		
15	10479.670	47.2	+8.9	-36.2	+1.0	+38.0	+0.0	59.2	72.3	-13.1	Vert
10	M		+0.0	+0.3	. 1.0		. 0.0	07.2	, 2.10	10.1	, 610
									Y_802.11a		
16	17235.750	37.0	+12.5	-33.7	+1.5	+41.6	+0.0	59.2	72.3	-13.1	Vert
	M		+0.0	+0.3							
									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
	M		+0.0	+0.3							
									Y_802.11a		
18	10400.930	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	17225 750	267	. 12.7	22.7	.1.7	. 41 6	.0.0	50.0	X_802.11a	12.4	TT. *
19	17235.750	36.7	+12.5	-33.7	+1.5	+41.6	+0.0	58.9	72.3	-13.4	Horiz
	M		+0.0	+0.3					Z_802.11a		
20	10360.130	46.8	+8.8	-36.2	+1.0	+38.0	+0.0	58.7	72.3	-13.6	Vert
20	10360.130 M	40.0	+8.8 +0.0	-30.2 +0.3	+1.0	+36.0	+0.0	30.1	14.3	-13.0	v el t
	1 V1		+0.0	FU.3					Z_802.11a		
<u> </u>									<u> 2_</u> 002.11a		



21 1	7295.000	35.9	+12.5	-33.6	±1.5	±41 9	+0.0	58.5	72.3	-13.8	Horiz
21 1	M	33.7	+0.0	+0.3	11.5	171.7	10.0	30.3	12.5	13.0	HOHZ
									Y_802.11a		
22 1	7235.750	36.1	+12.5	-33.7	+1.5	+41.6	+0.0	58.3	72.3	-14.0	Vert
	M		+0.0	+0.3					Y_802.11a		
23 1	7235.750	36.1	+12.5	-33.7	+1.5	+41.6	+0.0	58.3		-14.0	Horiz
	M	50.1	+0.0	+0.3	11.5	111.0	10.0	20.2	, 2.5	1 1.0	HOHE
									Y_802.11a		
24 1	7235.750	35.9	+12.5	-33.7	+1.5	+41.6	+0.0	58.1	72.3	-14.2	Horiz
	M		+0.0	+0.3					X_802.11a		
25 1	.0479.670	45.9	+8.9	-36.2	+1.0	+38.0	+0.0	57.9		-14.4	Horiz
23 1	M	13.7	+0.0	+0.3	11.0	130.0	10.0	31.5	72.5	1	HOHE
									Y_802.11a		
26 1	0400.930	45.9	+8.8	-36.2	+1.0	+38.0	+0.0	57.8	72.3	-14.5	Horiz
	M		+0.0	+0.3					V 902 11a		
27 1	.0479.670	45.6	+8.9	-36.2	+1.0	+38.0	+0.0	57.6	Y_802.11a 72.3	-14.7	Horiz
2, 1	M	13.0	+0.0	+0.3	11.0	130.0	10.0	37.0	72.5	1 1.7	HOHE
									Z_802.11a		
28 1	0400.930	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 1	.0400.930	43.6	+8.8	-36.2	+1.0	+38.0	+0.0	55.5	72.3	-16.8	Vert
25 1	M	13.0	+0.0	+0.3	11.0	130.0	10.0	55.5	72.5	10.0	VOIT
									Y_802.11a		
30 1	0360.170	43.6	+8.8	-36.2	+1.0	+38.0	+0.0	55.5	72.3	-16.8	Vert
	M		+0.0	+0.3					V 902 11a		
31 1	7416.140	31.7	+12.5	-33.6	+1.5	+42.4	+0.0	54.9	Y_802.11a 72.3	-17.4	Horiz
	M	31.7	+0.0	+0.4	11.5	1 12.1	10.0	31.7	72.5	17.1	HOHE
									Y_802.11a		
32 1	7413.600	31.1			+1.5	+42.4	+0.0	54.3	72.3	-18.0	Vert
	M		+0.0	+0.4					Z_802.11a		
33 1	7416.140	31.0	+12.5	-33.6	+1.5	+42.4	+0.0	54.2		-18.1	Horiz
	M		+0.0		11.5	1 12.1	10.0	31.2	72.5	10.1	HOHE
									X_802.11a		
34 1	7416.140	30.9	+12.5	-33.6	+1.5	+42.4	+0.0	54.1	72.3	-18.2	Vert
	M		+0.0	+0.4					X_802.11a		
35 1	7413.560	30.9	+12.5	-33.6	+1.5	+42.4	+0.0	54.1	72.3	-18.2	Vert
	M	50.7	+0.0	+0.4	11.5	1 12.7	10.0	J ₹.1	, 2.3	10.2	, 011
									Y_802.11a		
36 1	7420.250	29.9	+12.5	-33.6	+1.5	+42.4	+0.0	53.1	72.3	-19.2	Horiz
	M		+0.0	+0.4					Z_802.11a		
37 1	1611.340	35.7	+9.6	-35.9	+1.1	+38.8	+0.0	49.7	72.3	-22.6	Vert
3, 1	M	55.1	+0.0	+0.4	1 1.1	150.0	10.0	17.1	, 2.3	22.0	, 011
	ve								X_802.11a		



Λ 1	1611 240	48.1	+9.6	-35.9	+1.1	1200	+ O O	62.1	72.2	10.2	Vert
, 1	1611.340 M	48.1	+9.6 +0.0	-33.9 +0.4	+1.1	+38.8	+0.0	62.1	72.3	-10.2	vert
	IVI		+0.0	+0.4					X_802.11a		
39 1	1615.450	34.7	+9.6	-35.9	+1.1	+38.8	+0.0	48.7		-23.6	Horiz
	M		+0.0	+0.4					, =		
A ⁻	ve								Z_802.11a		
^ 1	1615.450	49.2	+9.6	-35.9	+1.1	+38.8	+0.0	63.2	72.3	-9.1	Horiz
	M		+0.0	+0.4							
				27.0		•			Z_802.11a		
41 1	1611.340	34.6	+9.6	-35.9	+1.1	+38.8	+0.0	48.6	72.3	-23.7	Horiz
۸,	M ve		+0.0	+0.4					Y_802.11a		
	1608.760	34.1	+9.6	-35.9	+1.1	+38.8	+0.0	48.1		-24.2	Vert
	M	57.1	+0.0	+0.4	11.1	130.0	10.0	70.1	72.3	-24.2	VCIT
	ve		10.0	10.1					Y_802.11a		
	1608.760	45.7	+9.6	-35.9	+1.1	+38.8	+0.0	59.7		-12.6	Vert
	M		+0.0	+0.4							
									Y_802.11a		
44 1	1610.500	33.9	+9.6	-35.9	+1.1	+38.8	+0.0	47.9	72.3	-24.4	Vert
	M		+0.0	+0.4					7 902 11.		
	ve 1610.500	46.9	+9.6	-35.9	+1.1	+38.8	+0.0	60.0	Z_802.11a 72.3	-11.4	Vert
' 1	M	40.9	+9.0 +0.0	-33.9 +0.4	+1.1	+30.0	+0.0	60.9	12.3	-11.4	vert
	171		10.0	10.4					Z_802.11a		
46 1	1611.340	33.9	+9.6	-35.9	+1.1	+38.8	+0.0	47.9	72.3	-24.4	Horiz
	M		+0.0	+0.4							
A	ve								X_802.11a		
^ 1	1611.340	47.6	+9.6	-35.9	+1.1	+38.8	+0.0	61.6	72.3	-10.7	Horiz
	M		+0.0	+0.4					** 000 11		
A 1	1611 240	460	0.6	25.0	1.1	20.0	0.0	60.0	Y_802.11a	11.4	** .
^ 1	1611.340 M	46.9	+9.6 +0.0	-35.9 +0.4	+1.1	+38.8	+0.0	60.9	72.3	-11.4	Horiz
	IVI		+0.0	+0.4					X_802.11a		
49 1	5601.400	28.0	+11.8	-34.6	+1.4	+38.0	+0.0	45.1	72.3	-27.2	Vert
	M		+0.0	+0.5					, =		
A	ve								Z_802.11a		
	1530.000	30.7				+38.8	+0.0	44.7	72.3	-27.6	Vert
	M		+0.0	+0.4					** 00* **		
	ve	27.4	. 11.0	24.5	. 4 4	. 20. 0	.0.0	44.5	Y_802.11a	27.0	TT '
51 1	5601.400	27.4	+11.8	-34.6	+1.4	+38.0	+0.0	44.5	72.3	-27.8	Horiz
A	M ve		+0.0	+0.5					Y_802.11a		
	1530.000	30.5	+9.6	-35.9	+1.1	+38.8	+0.0	44.5	72.3	-27.8	Vert
	M	20.2	+0.0	+0.4	. 1.1	120.0	10.0	5	, 2.3	27.0	, 011
A	ve								Z_802.11a		
^ 1	1530.000	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		
^ 1	1530.000	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 000 11-		
									Y_802.11a		



٨	11530.000	42.0	+9.6	-35.9	+1.1	+38.8	+0.0	56.0	72.3	-16.3	Vert
	M	12.0	+0.0	+0.4	, 1.1	130.0	10.0	50.0	72.5	10.5	VOIT
									X_802.11a		
56	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					** 000 11		
	Ave	20.1	.0.6	25.0	. 1 1	. 20.0	. 0. 0	44.1	Y_802.11a	20.2	TT!-
37	11490.500 M	30.1	+9.6 +0.0	-35.9 +0.4	+1.1	+38.8	+0.0	44.1	72.3	-28.2	Horiz
	Ave		+0.0	±0.4					Z_802.11a		
58	11490.500	30.0	+9.6	-35.9	+1.1	+38.8	+0.0	44.0		-28.3	Horiz
	M		+0.0	+0.4							
	Ave								Y_802.11a		
59	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					V 000 11		
	Ave	20.6	.0.6	25.0	. 1 1	. 20.0	.00	12.6	Y_802.11a	20.7	TT!
60	11530.000 M	29.6	+9.6 +0.0	-35.9 +0.4	+1.1	+38.8	+0.0	43.6	72.3	-28.7	Horiz
	Ave		+0.0	+0.4					Z_802.11a		
	11530.000	43.3	+9.6	-35.9	+1.1	+38.8	+0.0	57.3		-15.0	Horiz
	M		+0.0	+0.4					, =		
									Z_802.11a		
٨	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					V 000 11		
	11520 000	38.5	+9.6	-35.9	+1.1	. 20.0	+0.0	50 F	Y_802.11a	10.0	II a mi m
	11530.000 M	36.3	+9.6	-33.9 +0.4	+1.1	+38.8	+0.0	32.3	72.3	-19.8	Horiz
	IVI		+0.0	±0.4					X_802.11a		
64	15540.290	26.4	+11.7	-34.6	+1.4	+38.0	+0.0	43.4		-28.9	Horiz
	M		+0.0	+0.5							
	Ave								Z_802.11a		
٨	15540.330	39.4	+11.7	-34.6	+1.4	+38.0	+0.0	56.4	72.3	-15.9	Horiz
	M		+0.0	+0.5					V 902 11a		
^	15540.300	38.8	+11.7	-34.6	+1.4	+38.0	+0.0	55 9	Y_802.11a 72.3	-16.5	Horiz
	M	30.0	+0.0	+0.5	⊤1. 4	+30.0	+0.0	33.6	12.3	-10.5	HOHZ
	111		10.0	10.5					Z_802.11a		
٨	15540.370	36.9	+11.7	-34.6	+1.4	+38.0	+0.0	53.9		-18.4	Horiz
	M		+0.0	+0.5							
									X_802.11a		
68	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					7 902 11.		
60	Ave 15540.330	26.1	+11.7	-34.6	+1.4	+38.0	+0.0	43.1	Z_802.11a 72.3	-29.2	Vert
09	13340.330 M	20.1	+11.7	+0.5	+1.4	+36.0	+0.0	43.1	12.3	-29.2	Vert
	Ave		10.0	10.5					Y_802.11a		
70	15540.330	25.4	+11.7	-34.6	+1.4	+38.0	+0.0	42.4	72.3	-29.9	Horiz
	M		+0.0	+0.5							
	Ave								Y_802.11a		
71	15540.330	25.3	+11.7	-34.6	+1.4	+38.0	+0.0	42.3	72.3	-30.0	Vert
	M		+0.0	+0.5					W 002 11		
	Ave								X_802.11a		



-											
		25.2	+11.8	-34.6	+1.4	+38.0	+0.0	42.3	72.3	-30.0	Vert
	M		+0.0	+0.5					** 00* 44		
Ave									X_802.11a		
^ 15	601.400	40.1	+11.8	-34.6	+1.4	+38.0	+0.0	57.2	72.3	-15.1	Vert
	M		+0.0	+0.5							
	101 100	• • •				•			Z_802.11a		
^ 15	601.400	39.0	+11.8	-34.6	+1.4	+38.0	+0.0	56.1	72.3	-16.2	Vert
	M		+0.0	+0.5					X7 000 11		
A 15	co1 100	20.4	11.0	24.6	1.4	20.0	0.0		Y_802.11a	1.6.0	X7 .
^ 15	601.400	38.4	+11.8	-34.6	+1.4	+38.0	+0.0	55.5	72.3	-16.8	Vert
	M		+0.0	+0.5					V 902 11a		
76 15	(01.400	25.1	. 11.0	24.6	. 1 4	. 20.0	. 0. 0	42.2	X_802.11a	20.1	X 7t
	601.400	25.1	+11.8	-34.6	+1.4	+38.0	+0.0	42.2	72.3	-30.1	Vert
	M		+0.0	+0.5					V 902 11a		
Ave		25.2	+11.7	-34.6	+1.4	+38.0	+0.0	42.2	Y_802.11a 72.3	-30.1	Vert
	540.300 M	23.2	+11.7		+1.4	+36.0	+0.0	42.2	12.3	-30.1	vert
Ave			+0.0	+0.5					Z_802.11a		
	540.330	40.9	+11.7	-34.6	±1./l	+38.0	+0.0	57.0	72.3	-14.4	Vert
	M	40.9	+0.0	+0.5	⊤1. 4	+30.0	+0.0	31.9	12.3	-14.4	VCIT
	171		10.0	10.5					Y_802.11a		
^ 15	540.300	37.8	+11.7	-34.6	+1 4	+38.0	+0.0		72.3	-17.5	Vert
	M	57.0	+0.0	+0.5		150.0	10.0	5 1.0	72.3	17.0	, 610
	1,1		10.0	10.5					Z_802.11a		
^ 15	540.330	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		
81 15	719.330	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	e								X_802.11a		
82 15	601.400	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		
^ 15	601.400	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		
	601.400	38.4			+1.4	+38.0	+0.0	55.5	72.3	-16.8	Horiz
	M		+0.0	+0.5							
	101 177						0 -		Z_802.11a	4===	
^ 15	601.400	37.4	+11.8	-34.6	+1.4	+38.0	+0.0	54.5	72.3	-17.8	Horiz
	M		+0.0	+0.5					W 002 11		
06 11	100.500	20.1	.0.5	25.0	. 4 4	. 20. 0	.0.0	42.1	X_802.11a	20.2	T.7 .
86 11	490.500	28.1	+9.6	-35.9	+1.1	+38.8	+0.0	42.1	72.3	-30.2	Vert
۸	M		+0.0	+0.4					V 902 11-		
Ave		45.0	.0.6	25.0	, 1 1	120.0	.00	50.0	X_802.11a	10.4	X7 4
" 11	490.500	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		
^ 11.	490.500	44.0	+9.6	-35.9	+1-1	+38.8	+0.0	50 N	72.3	-14.3	Vert
11	490.500 M	44.0	+9.6 +0.0	-35.9 +0.4	+1.1	+38.8	+0.0	58.0	12.3	-14.3	vert
	IVI		+0.0	+∪.4					X_802.11a		
<u> </u>									A_002.11a		

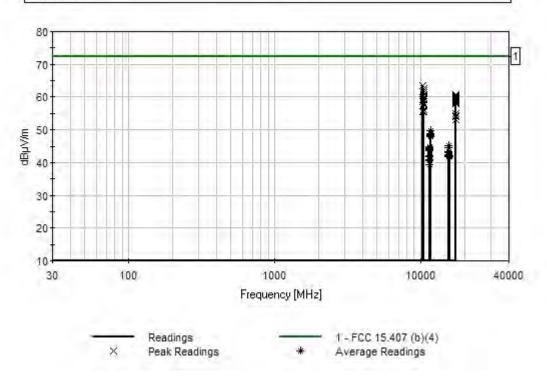


^ 11490.500	42.3	+9.6	-35.9	+1.1	1200	+0.0	56.3	72.3	-16.0	Vert
M	42.3	+0.0	+0.4	+1.1	+30.0	+0.0	30.3	12.3	-10.0	Vert
111		10.0	10.1					Z_802.11a		
90 15719.330	24.7	+11.8	-34.4	+1.4	+38.0	+0.0	42.0	72.3	-30.3	Vert
M		+0.0	+0.5							
Ave								Z_802.11a		
^ 15719.330	38.1	+11.8	-34.4	+1.4	+38.0	+0.0	55.4	72.3	-16.9	Vert
M		+0.0	+0.5					Y_802.11a		
^ 15719.330	37.5	+11.8	-34.4	+1.4	+38.0	+0.0	54.8		-17.5	Vert
M	37.5	+0.0	+0.5		150.0	10.0	2 1.0	, 2.3	17.5	, 610
								X_802.11a		
^ 15719.330	37.4	+11.8	-34.4	+1.4	+38.0	+0.0	54.7	72.3	-17.6	Vert
M		+0.0	+0.5					7 002 11		
04 15710 220	24.7	. 11.0	24.4	. 1 4	. 20.0	.0.0	42.0	Z_802.11a	20.2	X 74
94 15719.330 M	24.7	+11.8 +0.0	-34.4 +0.5	+1.4	+38.0	+0.0	42.0	72.3	-30.3	Vert
Ave		+0.0	+0.5					Y_802.11a		
95 15719.330	24.7	+11.8	-34.4	+1.4	+38.0	+0.0	42.0		-30.3	Horiz
M		+0.0	+0.5							
Ave								X_802.11a		
	24.7		-34.4	+1.4	+38.0	+0.0	42.0	72.3	-30.3	Horiz
M		+0.0	+0.5					7 902 11-		
Ave ^ 15719.330	39.6	+11.8	-34.4	+1.4	+38.0	+0.0	56.0	Z_802.11a 72.3	-15.4	Horiz
M	39.0	+0.0	+0.5	±1. 4	+36.0	+0.0	30.9	12.3	-13.4	HOHZ
171		10.0	10.5					Z_802.11a		
^ 15719.330	37.4	+11.8	-34.4	+1.4	+38.0	+0.0	54.7	72.3	-17.6	Horiz
M		+0.0	+0.5							
								X_802.11a		
^ 15719.330	36.8	+11.8	-34.4	+1.4	+38.0	+0.0	54.1	72.3	-18.2	Horiz
M		+0.0	+0.5					Y_802.11a		
100 15719.330	24.6	+11.8	-34.4	+1 4	+38.0	+0.0	41 9	72.3	-30.4	Horiz
M	20	+0.0	+0.5		120.0	10.0	11.7	, 2.3	30.1	HOHE
Ave								Y_802.11a		
101 11530.000	27.9				+38.8	+0.0	41.9	72.3	-30.4	Vert
M		+0.0	+0.4					TT 000 11		
Ave	24.7	. 11.7	24.6	. 1 4	. 20.0	.0.0	41.7	X_802.11a	20.6	TT!
102 15540.330 M	24.7	$+11.7 \\ +0.0$	-34.6 +0.5	+1.4	+38.0	+0.0	41.7	72.3	-30.6	Horiz
Ave		+0.0	+0.5					X_802.11a		
103 11490.500	27.0	+9.6	-35.9	+1.1	+38.8	+0.0	41.0	72.3	-31.3	Horiz
M		+0.0	+0.4							
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					7 000 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 11490.500	44.9	+9.6 +0.0	-35.9 +0.4	+1.1	+38.8	+0.0	38.9	12.3	-13.4	попх
141		10.0	10.4					Y_802.11a		
ļ										



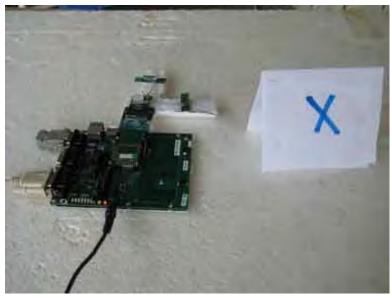
^ 11490.500	39.4	+9.6	-35.9	+1.1	+38.8	+0.0	53.4	72.3	-18.9	Horiz
M		+0.0	+0.4					X_802.11a		
107 11490.500	26.7	+9.6	-35.9	+1.1	+38.8	+0.0	40.7	72.3	-31.6	Vert
M		+0.0	+0.4							
Ave								Z_802.11a		
108 11530.000	25.4	+9.6	-35.9	+1.1	+38.8	+0.0	39.4	72.3	-32.9	Horiz
M		+0.0	+0.4							
Ave								X_802.11a		

CKC Laboratories, Inc. Date: 3/1/2010 Time: 10:50:45 Silex Technology, America, Inc. WO#: 90303 FCC 15.407 (b)(4) Test Distance: 3 Meters Sequence#: 53 SX-SDCAG

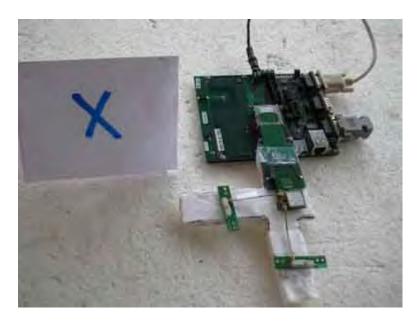




Test Setup Photos



Antenna Manufacture: Ethertronics - Front View in X Orientation



Antenna Manufacture: Ethertronics - Back View in X Orientation





Antenna Manufacture: Ethertronics - Front View in Y Orientation



Antenna Manufacture: Ethertronics - Back View in Y Orientation



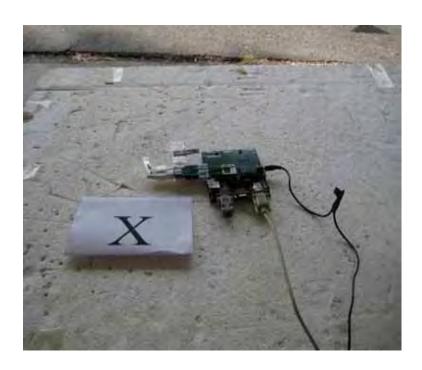


Antenna Manufacture: Ethertronics - Front View in Z Orientation

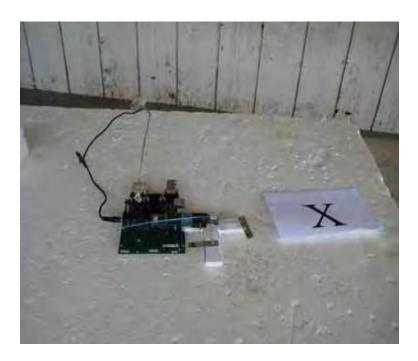


Antenna Manufacture: Ethertronics - Back View in Z Orientation



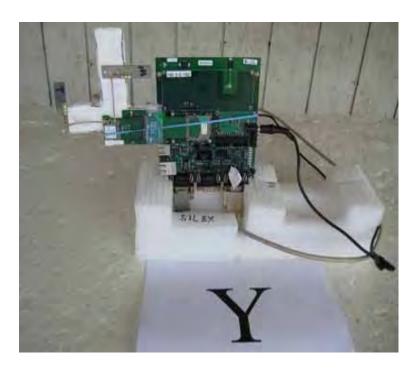


Antenna Manufacture: Pulse - Front View in X Orientation

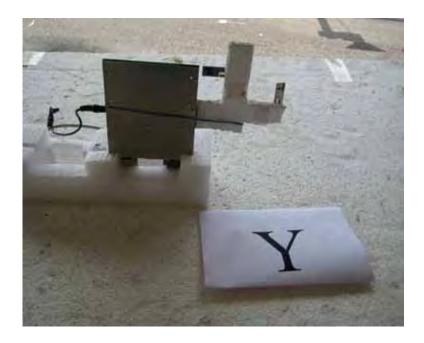


Antenna Manufacture: Pulse - Back View in X Orientation



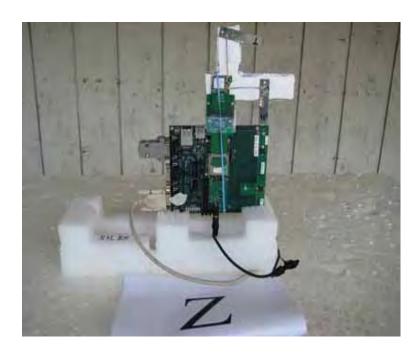


Antenna Manufacture: Pulse - Front View in Y Orientation



Antenna Manufacture: Pulse - Back View in Y Orientation





Antenna Manufacture: Pulse - Front View in Z Orientation



Antenna Manufacture: Pulse - Back View in Z Orientation



15.407(b)(6)/15.207 UNDESIREABLE Conducted Emissions

Test Data Sheets

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

Customer: Silex Technology, America, Inc. Specification: FCC 15.207 COND [AVE]

Work Order #: 90303 Date: 2/2/2010
Test Type: Conducted Emissions Time: 14:51:49
Equipment: Wireless 802.11a/b/g SD Card Radio Sequence#: 9

Manufacturer: Silex Technology America, Inc. Tested By: E. Wong Model: SX-SDCAG 110V 60Hz

S/N: E1

Test Equipment:

Function	S/N	Calibration Date	Cal Due Date	Asset #
Spectrum Analyzer	US44300438	07/23/2008	07/23/2010	02672
LISN	1104	12/09/2008	12/09/2010	00847
6dB Attenuator	None	11/16/2009	11/16/2011	P05886
Conducted Emission	Cable #21	05/12/2008	05/12/2010	P04358
Cable				
150kHz HPF	G7755	11/16/2009	11/16/2011	02610

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:

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. 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 suppler laptop via a serial cable and all other ports are left unpopulated.

Freq: 5.15 - 5.25GHz, 5.725 - 5.825GHz

Tx Frequency: 5200MHz

Ch 40

Modulation: 802.11a (54Mpbs)

Firmware setting =16

Power= 13.2dBm (0.0209W)

Antenna Manufacturer : Ethertronics Antenna Gain: 2.5dBi @2.5GHz Antenna Gain: 3.5dBi @5.0GHz

Transmit via Antenna #1

13°C, 58% Relative Humidity

Transducer Legend:

T1=150kHz HPF AN02610_111611	T2=6dB atten-P05886-101410.TRN
T3=Cable #21 -P04358- Site A 05/12/10	T4=L1 Insertion Loss AN00847_120910

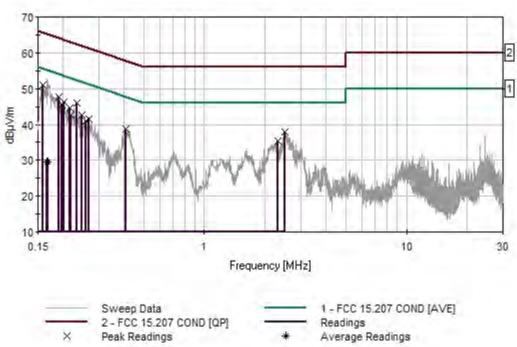
Measur	ement Data:	Re	eading list	ted by ma	argin.			Test Lead	d: Black		Ant Black Black				
#	Freq	Rdng	T1	T2	T3	T4	Dist	Corr	Spec	Margin	Polar				
	MHz	dΒμV	dB	dB	dB	dB	Table	$dB\muV/m$	$dB\muV/m$	dB	Ant				
1	157.999k	44.3	+0.7	+6.1	+0.0	+0.0	+0.0	51.1	55.6	-4.5	Black				
2	191.451k	41.4	+0.2	+6.1	+0.0	+0.0	+0.0	47.7	54.0	-6.3	Black				
3	233.629k	39.5	+0.3	+6.1	+0.0	+0.0	+0.0	45.9	52.3	-6.4	Black				
4	202.359k	40.0	+0.3	+6.1	+0.0	+0.0	+0.0	46.4	53.5	-7.1	Black				
5	2.502M	31.4	+0.1	+6.1	+0.1	+0.1	+0.0	37.8	46.0	-8.2	Black				
6	197.268k	39.0	+0.3	+6.1	+0.0	+0.0	+0.0	45.4	53.7	-8.3	Black				
7	216.176k	38.3	+0.3	+6.1	+0.0	+0.0	+0.0	44.7	53.0	-8.3	Black				
8	411.067k	32.4	+0.3	+6.1	+0.0	+0.0	+0.0	38.8	47.6	-8.8	Black				
9	248.900k	36.3	+0.3	+6.1	+0.0	+0.0	+0.0	42.7	51.8	-9.1	Black				
10	267.807k	35.2	+0.3	+6.1	+0.0	+0.0	+0.0	41.6	51.2	-9.6	Black				

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11	218.357k	36.3	+0.3	+6.1	+0.0	+0.0	+0.0	42.7	52.9	-10.2	Black
12	258.354k	34.6	+0.3	+6.1	+0.0	+0.0	+0.0	41.0	51.5	-10.5	Black
13	2.302M	29.1	+0.1	+6.1	+0.1	+0.1	+0.0	35.5	46.0	-10.5	Black
14	168.907k	23.0	+0.4	+6.1	+0.0	+0.0	+0.0	29.5	55.0	-25.5	Black
l A	Ave										
٨	165.999k	46.1	+0.4	+6.1	+0.0	+0.0	+0.0	52.6	55.2	-2.6	Black
٨	168.907k	45.6	+0.4	+6.1	+0.0	+0.0	+0.0	52.1	55.0	-2.9	Black
17	165.999k Ave	23.1	+0.4	+6.1	+0.0	+0.0	+0.0	29.6	55.2	-25.6	Black

CKC Laboratories, Inc. Date: 2/2/2010 Time: 14:51:49 Silex Technology, America, Inc. WO#: 90303 FCC 15.207 COND [AVE] Test Lead: Black 110V 60Hz Sequence#: 9 SX-SDCAG





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

Customer: Silex Technology, America, Inc. FCC 15.207 COND [AVE] Specification:

Work Order #: 90303 Date: 2/2/2010 Time: 2:43:57 PM Test Type: **Conducted Emissions**

Equipment: Wireless 802.11a/b/g SD Card Radio Sequence#: 8

Manufacturer: Silex Technology America, Inc. Tested By: E. Wong Model: SX-SDCAG

110V 60Hz

S/N: E1

Test Equipment:

Function	S/N	Calibration Date	Cal Due Date	Asset #
Spectrum Analyzer	US44300438	07/23/2008	07/23/2010	02672
LISN	1104	12/09/2008	12/09/2010	00847
6dB Attenuator	None	11/16/2009	11/16/2011	P05886
Conducted Emission	Cable #21	05/12/2008	05/12/2010	P04358
Cable				
150kHz HPF	G7755	11/16/2009	11/16/2011	02610

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:

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. 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 suppler laptop via a serial cable and all other ports are left unpopulated.

Freq: 5.15 - 5.25GHz, 5.725 - 5.825GHz

Tx Frequency: 5200MHz

Ch 40

Modulation: 802.11a (54Mpbs)

Firmware setting =16

Power= 13.2dBm (0.0209W)

Antenna Manufacturer : Ethertronics Antenna Gain: 2.5dBi @2.5GHz Antenna Gain: 3.5dBi @5.0GHz

Transmit via Antenna #1

13°C, 58% Relative Humidity

Transducer Legend:

T1=150kHz HPF AN02610_111611	T2=6dB atten-P05886-101410.TRN
T3=Cable #21 -P04358- Site A 05/12/10	T4=L2 Insertion Loss AN00847_120910

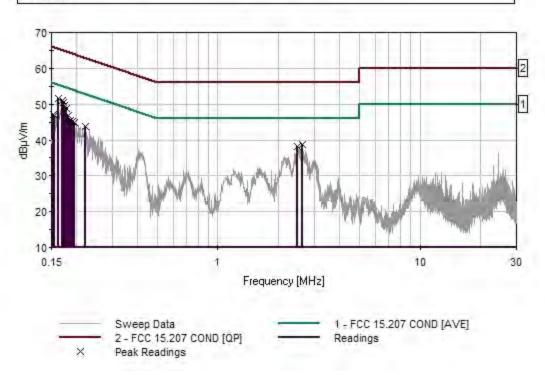
Measurement Data: Reading listed by margin.				Test Lead: White							
#	Freq	Rdng	T1	T2	T3	T4	Dist	Corr	Spec	Margin	Polar
	MHz	dΒμV	dB	dB	dB	dB	Table	$dB\muV/m$	$dB\muV/m$	dB	Ant
1	162.363k	45.2	+0.4	+6.1	+0.0	+0.0	+0.0	51.7	55.3	-3.6	White
2	169.635k	44.6	+0.4	+6.1	+0.0	+0.0	+0.0	51.1	55.0	-3.9	White
3	171.089k	43.9	+0.4	+6.1	+0.0	+0.0	+0.0	50.4	54.9	-4.5	White
4	173.998k	43.1	+0.3	+6.1	+0.0	+0.1	+0.0	49.6	54.8	-5.2	White
5	177.634k	42.3	+0.2	+6.1	+0.0	+0.1	+0.0	48.7	54.6	-5.9	White
6	2.625M	32.3	+0.1	+6.1	+0.1	+0.2	+0.0	38.8	46.0	-7.2	White
7	181.997k	40.5	+0.2	+6.1	+0.0	+0.1	+0.0	46.9	54.4	-7.5	White
8	2.485M	31.7	+0.1	+6.1	+0.1	+0.2	+0.0	38.2	46.0	-7.8	White
9	153.636k	39.6	+1.5	+6.1	+0.0	+0.0	+0.0	47.2	55.8	-8.6	White

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10	186.360k	39.1	+0.2	+6.1	+0.0	+0.1	+0.0	45.5	54.2	-8.7	White
11	191.451k	38.8	+0.2	+6.1	+0.0	+0.1	+0.0	45.2	54.0	-8.8	White
12	155.818k	39.6	+1.1	+6.1	+0.0	+0.0	+0.0	46.8	55.7	-8.9	White
13	221.993k	37.3	+0.3	+6.1	+0.0	+0.1	+0.0	43.8	52.7	-8.9	White
14	195.087k	38.3	+0.3	+6.1	+0.0	+0.1	+0.0	44.8	53.8	-9.0	White
15	179.815k	39.0	+0.2	+6.1	+0.0	+0.1	+0.0	45.4	54.5	-9.1	White

CKC Laboratories, Inc. Date: 2/2/2010 Time: 2:43:57 PM Silex Technology, America, Inc. WO#: 90303 FCC 15.207 COND [AVE] Test Lead: White 110V 60Hz Sequence#: 8 SX-SDCAG





Test Setup Photos



Test Setup Using Antenna Manufacture: Ethertronics



Test Setup Using Antenna Manufacture: Ethertronics



15.407(b)(6)/15.209 UNDESIRABLE Radiated Emissions

Test Data Sheets

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)(6) / (15.209)

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

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

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

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

Model: SX-SDCAG

S/N: E1

Test Equipment:

Function	S/N	Calibration Date	Cal Due Date	Asset #
Bicon Antenna	220	10/22/2009	10/22/2011	306
Log Antenna	331	10/22/2009	10/22/2011	300
Spectrum Analyzer	US44300438	07/23/2008	07/23/2010	02672
Pre amp to SA Cable	Cable #10	04/16/2009	04/16/2011	P05050
Cable	Cable15	01/05/2009	01/05/2011	P05198
Pre Amp	1937A02548	05/02/2008	05/02/2010	00309
Loop Antenna	2014	06/16/2008	06/16/2010	00314

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:

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

13.0dBm(0.0200W)

Antenna Manufacturer : Ethertronics Antenna Gain: 2.5dBi @2.5GHz Antenna Gain: 3.5dBi @5.0GHz

Transmit via Antenna #1

13°C, 58% Relative Humidity

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

Frequency range of measurement = 9 kHz- 1 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:

Transaucer Legena.	
T1=Bico AN00306_102211	T2=Log AN00300_102211
T3=Cable #10 ANP05050 041611	T4=Cable #15_05198_ Site A, 010511
T5=Pre_amp_HP8447D-AN00309-050210	

Measu	rement Data:	Re	ading lis	ted by ma	ırgin.		Te	est Distance	e: 1 Meter		
#	Freq	Rdng	T1	T2	Т3	T4	Dist	Corr	Spec	Margin	Polar
			T5								
	MHz	dΒμV	dB	dB	dB	dB	Table	$dB\muV/m$	$dB\mu V/m$	dB	Ant
1	550.000M	47.3	+0.0	+18.4	+0.4	+4.3	+0.0	42.8	46.0	-3.2	Horiz
	QP		-27.6								
2	550.000M	47.0	+0.0	+18.4	+0.4	+4.3	+0.0	42.5	46.0	-3.5	Horiz
	QP		-27.6								
٨	550.000M	49.6	+0.0	+18.4	+0.4	+4.3	+0.0	45.1	46.0	-0.9	Horiz
			-27.6								
٨	550.000M	48.3	+0.0	+18.4	+0.4	+4.3	+0.0	43.8	46.0	-2.2	Horiz
			-27.6								
٨	549.998M	36.4	+0.0	+18.4	+0.4	+4.3	+0.0	31.9	46.0	-14.1	Horiz
			-27.6								

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6	800.000M QP	40.3	+0.0 -27.2	+22.5	+0.4	+5.3	+0.0	41.3	46.0	-4.7	Horiz
٨	800.000M	43.3	+0.0 -27.2	+22.5	+0.4	+5.3	+0.0	44.3	46.0	-1.7	Horiz
٨	800.000M	41.6	+0.0 -27.2	+22.5	+0.4	+5.3	+0.0	42.6	46.0	-3.4	Horiz
٨	800.010M	40.1	+0.0 -27.2	+22.5	+0.4	+5.3	+0.0	41.1	46.0	-4.9	Horiz
10	258.970M	44.6	+19.5 -27.7	+0.0	+0.3	+2.8	+0.0	39.5	46.0	-6.5	Horiz
11	256.990M	44.7	+19.3 -27.7	+0.0	+0.3	+2.8	+0.0	39.4	46.0	-6.6	Horiz
12	257.010M	44.6	+19.3 -27.7	+0.0	+0.3	+2.8	+0.0	39.3	46.0	-6.7	Vert
13	259.030M	44.2	+19.5 -27.7	+0.0	+0.3	+2.8	+0.0	39.1	46.0	-6.9	Vert
14	550.000M QP	43.4	+0.0 -27.6	+18.4	+0.4	+4.3	+0.0	38.9	46.0	-7.1	Vert
٨	550.000M	45.2	+0.0 -27.6	+18.4	+0.4	+4.3	+0.0	40.7	46.0	-5.3	Vert
٨	550.000M	42.0	+0.0 -27.6	+18.4	+0.4	+4.3	+0.0	37.5	46.0	-8.5	Vert
٨	550.000M	41.2	+0.0 -27.6	+18.4	+0.4	+4.3	+0.0	36.7	46.0	-9.3	Vert
18	800.000M OP	37.7	+0.0 -27.2	+22.5	+0.4	+5.3	+0.0	38.7	46.0	-7.3	Vert
٨	800.000M	40.9	+0.0 -27.2	+22.5	+0.4	+5.3	+0.0	41.9	46.0	-4.1	Vert
٨	800.000M	39.9	+0.0 -27.2	+22.5	+0.4	+5.3	+0.0	40.9	46.0	-5.1	Vert
٨	800.000M	37.6	+0.0 -27.2	+22.5	+0.4	+5.3	+0.0	38.6	46.0	-7.4	Vert
22	375.001M	45.2	+0.0 -27.8	+17.3	+0.4	+3.5	+0.0	38.6	46.0	-7.4	Vert
23	464.949M	45.0	+0.0 -27.8	+16.8	+0.3	+3.9	+0.0	38.2	46.0	-7.8	Vert
24	251.020M	44.0	+18.6 -27.7	+0.0	+0.3	+2.8	+0.0	38.0	46.0	-8.0	Horiz
25	251.010M	43.9	+18.6	+0.0	+0.3	+2.8	+0.0	37.9	46.0	-8.1	Vert
26	849.960M	35.4	+0.0	+23.2	+0.7	+5.5	+0.0	37.8	46.0	-8.2	Horiz
27	250.990M	43.6	+18.6 -27.7	+0.0	+0.3	+2.8	+0.0	37.6	46.0	-8.4	Horiz
28	800.010M QP	36.6	+0.0 -27.2	+22.5	+0.4	+5.3	+0.0	37.6	46.0	-8.4	Horiz
29	124.510M	44.9	+15.9 -27.9	+0.0	+0.2	+1.8	+0.0	34.9	43.5	-8.6	Horiz
30	449.983M	44.1	+0.0 -27.8	+16.6	+0.3	+3.8	+0.0	37.0	46.0	-9.0	Horiz
31	900.000M	33.8	+0.0 -27.2	+23.8	+0.7	+5.7	+0.0	36.8	46.0	-9.2	Vert
			· · -								

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32	267.020M	40.9	+20.3 -27.8	+0.0	+0.3	+2.9	+0.0	36.6	46.0	-9.4	Horiz
33	225.020M	43.4	+17.9 -27.9	+0.0	+0.3	+2.6	+0.0	36.3	46.0	-9.7	Vert
34	449.966M	43.2	+0.0 -27.8	+16.6	+0.3	+3.8	+0.0	36.1	46.0	-9.9	Vert
35	399.966M	44.0	+0.0	+15.7	+0.4	+3.6	+0.0	35.9	46.0	-10.1	Vert
^	QP 399.966M	47.4	-27.8 +0.0	+15.7	+0.4	+3.6	+0.0	39.3	46.0	-6.7	Vert
37	700.000M	34.2	-27.8 +0.0	+23.5	+0.5	+4.9	+0.0	35.8	46.0	-10.2	Vert
38	225.000M	42.8	-27.3 +17.9	+0.0	+0.3	+2.6	+0.0	35.7	46.0	-10.3	Horiz
39	123.840M	43.2	-27.9 +15.8	+0.0	+0.2	+1.8	+0.0	33.1	43.5	-10.4	Vert
40	500.000M	41.5	-27.9 +0.0	+17.4	+0.4	+4.1	+0.0	35.6	46.0	-10.4	Vert
41	349.994M	40.5	-27.8 +0.0	+18.9	+0.3	+3.3	+0.0	35.2	46.0	-10.8	Horiz
42	700.017M	33.2	-27.8 +0.0 -27.3	+23.5	+0.5	+4.9	+0.0	34.8	46.0	-11.2	Horiz
43	599.983M	37.7	+0.0 -27.4	+19.4	+0.5	+4.5	+0.0	34.7	46.0	-11.3	Horiz
44	399.992M	42.4	+0.0 -27.8	+15.7	+0.4	+3.6	+0.0	34.3	46.0	-11.7	Horiz
45	250.980M	40.3	+18.6 -27.7	+0.0	+0.3	+2.8	+0.0	34.3	46.0	-11.7	Vert
46	900.010M	31.2	+0.0 -27.2	+23.8	+0.7	+5.7	+0.0	34.2	46.0	-11.8	Horiz
47	292.520M	35.8	+22.8 -27.8	+0.0	+0.3	+3.0	+0.0	34.1	46.0	-11.9	Horiz
48	279.010M	37.2	+21.5 -27.8	+0.0	+0.3	+2.9	+0.0	34.1	46.0	-11.9	Vert
49	400.007M	42.0	+0.0 -27.8	+15.7	+0.4	+3.6	+0.0	33.9	46.0	-12.1	Horiz
50	126.130M	40.9	+16.2 -27.9	+0.0	+0.2	+1.8	+0.0	31.2	43.5	-12.3	Horiz
51	375.000M	40.2	+0.0 -27.8	+17.3	+0.4	+3.5	+0.0	33.6	46.0	-12.4	Horiz
52	442.999M	40.5	+0.0 -27.8	+16.5	+0.3	+3.8	+0.0	33.3	46.0	-12.7	Vert
53	415.030M	41.0	+0.0 -27.8	+16.0	+0.4	+3.7	+0.0	33.3	46.0	-12.7	Vert
54	384.033M	40.5	+0.0 -27.8	+16.7	+0.4	+3.5	+0.0	33.3	46.0	-12.7	Horiz
55	224.960M	40.2	+17.9 -27.9	+0.0	+0.3	+2.6	+0.0	33.1	46.0	-12.9	Horiz
56	374.083M	39.9	+0.0 -27.8	+17.3	+0.3	+3.4	+0.0	33.1	46.0	-12.9	Horiz
57	287.000M	35.4	+22.3 -27.8	+0.0	+0.3	+2.9	+0.0	33.1	46.0	-12.9	Vert
			_,.0								

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58	475.883M	39.4	+0.0 -27.8	+17.0	+0.4	+4.0	+0.0	33.0	46.0	-13.0	Horiz
59	473.982M	39.5	+0.0 -27.8	+17.0	+0.3	+3.9	+0.0	32.9	46.0	-13.1	Vert
60	229.010M	39.8	+18.0 -27.9	+0.0	+0.3	+2.6	+0.0	32.8	46.0	-13.2	Vert
61	424.075M	40.1	+0.0 -27.8	+16.1	+0.4	+3.7	+0.0	32.5	46.0	-13.5	Horiz
62	229.030M	39.5	+18.0 -27.9	+0.0	+0.3	+2.6	+0.0	32.5	46.0	-13.5	Horiz
63	700.033M	30.8	+0.0 -27.3	+23.5	+0.5	+4.9	+0.0	32.4	46.0	-13.6	Horiz
64	427.049M	39.9	+0.0 -27.8	+16.2	+0.3	+3.7	+0.0	32.3	46.0	-13.7	Vert
65	259.005M	37.0	+19.5 -27.7	+0.0	+0.3	+2.8	+0.0	31.9	46.0	-14.1	Vert
66	456.966M	38.9	+0.0 -27.8	+16.7	+0.3	+3.8	+0.0	31.9	46.0	-14.1	Vert
67	499.997M	37.3	+0.0 -27.8	+17.4	+0.4	+4.1	+0.0	31.4	46.0	-14.6	Horiz
68	524.942M	36.6	+0.0 -27.7	+17.9	+0.4	+4.2	+0.0	31.4	46.0	-14.6	Horiz
69	450.008M	38.3	+0.0 -27.8	+16.6	+0.3	+3.8	+0.0	31.2	46.0	-14.8	Horiz
70	137.190M	36.8	+17.6 -27.9	+0.0	+0.3	+1.9	+0.0	28.7	43.5	-14.8	Horiz
71	464.433M	38.0	+0.0 -27.8	+16.8	+0.3	+3.9	+0.0	31.2	46.0	-14.8	Horiz
72	426.200M	38.8	+0.0 -27.8	+16.2	+0.3	+3.7	+0.0	31.2	46.0	-14.8	Vert
73	432.930M	38.6	+0.0 -27.8	+16.3	+0.3	+3.7	+0.0	31.1	46.0	-14.9	Vert
74	240.990M	37.6	+18.3 -27.8	+0.0	+0.3	+2.7	+0.0	31.1	46.0	-14.9	Vert
75	251.010M	37.1	+18.6 -27.7	+0.0	+0.3	+2.8	+0.0	31.1	46.0	-14.9	Vert
76	424.100M	38.1	+0.0 -27.8	+16.1	+0.4	+3.7	+0.0	30.5	46.0	-15.5	Vert
77	228.950M	37.3	+18.0 -27.9	+0.0	+0.3	+2.6	+0.0	30.3	46.0	-15.7	Vert
78	367.550M	36.4	+0.0 -27.8	+17.8	+0.3	+3.4	+0.0	30.1	46.0	-15.9	Vert
79	255.020M	35.7	+19.0 -27.7	+0.0	+0.3	+2.8	+0.0	30.1	46.0	-15.9	Vert
80	163.090M	34.5	+18.5 -27.9	+0.0	+0.3	+2.1	+0.0	27.5	43.5	-16.0	Horiz
81	241.000M	36.5	+18.3 -27.8	+0.0	+0.3	+2.7	+0.0	30.0	46.0	-16.0	Vert
82	269.010M	34.1	+20.5 -27.8	+0.0	+0.3	+2.9	+0.0	30.0	46.0	-16.0	Vert
83	386.442M	37.3	+0.0	+16.5	+0.4	+3.5	+0.0	29.9	46.0	-16.1	Horiz

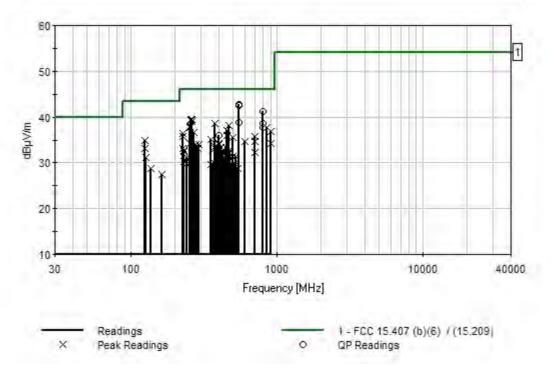
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84	510.970M	35.6	+0.0 -27.8	+17.6	+0.4	+4.1	+0.0	29.9	46.0	-16.1	Vert
85	364.900M	35.9	+0.0 -27.8	+17.9	+0.3	+3.4	+0.0	29.7	46.0	-16.3	Vert
86	352.017M	35.0	+0.0	+18.8	+0.3	+3.3	+0.0	29.6	46.0	-16.4	Horiz
87	491.970M	35.6	-27.8 +0.0	+17.3	+0.4	+4.1	+0.0	29.6	46.0	-16.4	Vert
88	515.066M	34.9	-27.8 +0.0	+17.7	+0.4	+4.2	+0.0	29.5	46.0	-16.5	Vert
89	380.983M	36.5	-27.7 +0.0	+16.9	+0.4	+3.5	+0.0	29.5	46.0	-16.5	Vert
			-27.8								
90	476.275M	35.8	+0.0 -27.8	+17.0	+0.4	+4.0	+0.0	29.4	46.0	-16.6	Horiz
91	523.770M	34.3	+0.0 -27.7	+17.9	+0.4	+4.2	+0.0	29.1	46.0	-16.9	Vert
92	480.130M	35.2	+0.0 -27.8	+17.1	+0.4	+4.0	+0.0	28.9	46.0	-17.1	Vert
93	542.030M	33.5	+0.0	+18.3	+0.4	+4.3	+0.0	28.9	46.0	-17.1	Vert
94	437.449M	36.1	-27.6 +0.0	+16.4	+0.3	+3.8	+0.0	28.8	46.0	-17.2	Vert
95	375.418M	35.4	-27.8 +0.0	+17.2	+0.4	+3.5	+0.0	28.7	46.0	-17.3	Horiz
96	436.950M	36.0	-27.8 +0.0	+16.4	+0.3	+3.8	+0.0	28.7	46.0	-17.3	Horiz
	440,0003.6	25.7	-27.8	1.7.0	0.4		0.0	20.1	150	15.4	**
97	410.999M	36.5	+0.0 -27.8	+15.9	+0.4	+3.6	+0.0	28.6	46.0	-17.4	Vert
98	393.017M	36.3	+0.0 -27.8	+16.1	+0.4	+3.6	+0.0	28.6	46.0	-17.4	Vert
99	467.370M	35.0	+0.0 -27.8	+16.9	+0.3	+3.9	+0.0	28.3	46.0	-17.7	Vert
100	524.283M	33.2	+0.0 -27.7	+17.9	+0.4	+4.2	+0.0	28.0	46.0	-18.0	Horiz
101	369.690M	34.1	+0.0	+17.6	+0.3	+3.4	+0.0	27.6	46.0	-18.4	Horiz
102	450.563M	34.6	-27.8 +0.0	+16.6	+0.3	+3.8	+0.0	27.5	46.0	-18.5	Horiz
103	462.825M	33.4	-27.8 +0.0	+16.8	+0.3	+3.9	+0.0	26.6	46.0	-19.4	Horiz
	102.023141		-27.8	110.0	10.5	1 3.7			10.0	1).T	110112
104	487.366M	32.8	+0.0 -27.8	+17.2	+0.4	+4.0	+0.0	26.6	46.0	-19.4	Vert
105	379.917M	33.4	+0.0 -27.8	+17.0	+0.4	+3.5	+0.0	26.5	46.0	-19.5	Horiz
106	502.966M	32.2	+0.0	+17.5	+0.4	+4.1	+0.0	26.4	46.0	-19.6	Vert
107	420.017M	34.0	-27.8 +0.0	+16.1	+0.4	+3.7	+0.0	26.4	46.0	-19.6	Horiz
			-27.8								



CKC Laboratories, Inc. Date: 2/2/2010 Time: 13:43:58 Silex Technology, America, Inc. WO#: 90303 FCC 15.407 (b)(6) / (15.209) Test Distance: 1 Meter Sequence#: 7 SX-SDCAG

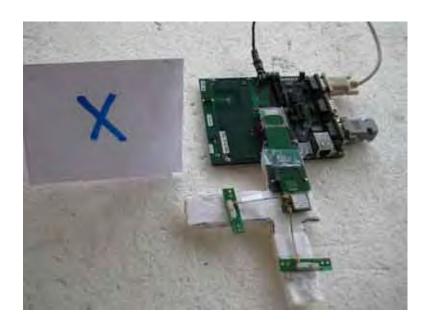




Test Setup Photos

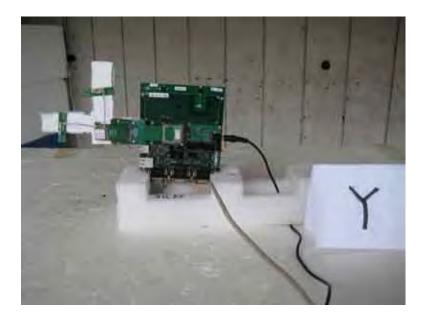


Test Setup Using Antenna Manufacture: Ethertronics



Test Setup Using Antenna Manufacture: Ethertronics





Test Setup Using Antenna Manufacture: Ethertronics



Test Setup Using Antenna Manufacture: Ethertronics





Test Setup Using Antenna Manufacture: Ethertronics



Test Setup Using Antenna Manufacture: Ethertronics



15.407(b)(7)/15.205 UNDESIRABLE EMISSIONS LIMITS

Test Data Sheets

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

Customer: Silex Technology, America, Inc. Specification: FCC 15.407 (b)(7) / (15.205)

 Work Order #:
 90303
 Date:
 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:

Test Equipment.				
Function	S/N	Calibration Date	Cal Due Date	Asset #
Bicon Antenna	220	10/22/2009	10/22/2011	306
Log Antenna	331	10/22/2009	10/22/2011	300
Spectrum Analyzer	US44300438	07/23/2008	07/23/2010	02672
Pre amp to SA Cable	Cable #10	04/16/2009	04/16/2011	P05050
Cable	Cable15	01/05/2009	01/05/2011	P05198
Pre Amp	1937A02548	05/02/2008	05/02/2010	00309
Horn Antenna	6246	06/06/2008	06/06/2010	00849
Microwave Pre-amp	3123A00281	07/28/2008	07/28/2010	00786
Heliax Antenna Cable	P5565	09/04/2008	09/04/2010	P05565
18-26GHz Horn	942126-003	11/12/2008	11/12/2010	01413
Loop Antenna	2014	06/16/2008	06/16/2010	00314
3'-40GHz cable	NA	09/14/2009	09/14/2011	P02946
2'-40GHz cable	NA	09/14/2009	09/14/2011	P02947
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				
AMP 50GHz 26.5-40GHz Horn		11/13/2008	11/13/2010	02115

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:

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.		

Test Conditions / Notes:

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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 the support wireless hub.

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

Freq: 5.15 - 5.25GHz, 5.725 - 5.825GHz

Tx Frequency: 5180MHz, 5200MHz, 5240MHz, 5745MHz, 5765MHz, 5805MHz.

Modulation: 802.11 a (54 mbps), Ch 36,40,48, 149, 153, 161.

Firmware Power setting: 16, 16, 16, 15, 15, 16

Power = 13.3 dBm (0.0214W) ,13.2dBm (0.0209W), 13.3dBm (0.0214), 12.6dBm(0.0182), 12.6dBm (0.0182W),

13.0dBm(0.0200W)

Antenna Manufacturer : Ethertronics Antenna Gain: 2.5dBi @2.5GHz Antenna Gain: 3.5dBi @5.0GHz

Transmit via Antenna #1

13°C, 58% Relative Humidity

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

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.

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Transducer Legend:

T1=Bico AN00306_102211

T3=Cable #10 ANP05050 041611

T5=Pre_amp_HP8447D-AN00309-050210

T7=HF_pre AMP-1-26GHz_AN00786-072810.TRN

T9=Horn Ant AN00849 060610

T11=HPF_6GHz-AN02755-032510

T2=Log AN00300_102211

T4=Cable #15_05198_ Site A, 010511

T6=Heliax Cable 54' ANP05565 090410

T8=Hi Freq_40GHz_2ft-AN02948-092111

T10=Horn Ant AN01413_111310

Measi	ırement Data:	Re	eading lis	ted by ma	argin.		Te	est Distanc	e: 1 Meter		
#	Freq	Rdng	T1	T2	T3	T4	Dist	Corr	Spec	Margin	Polar
			T5	T6	T7	T8					
			T9	T10	T11						
	MHz	dΒμV	dB	dB	dB	dB	Table	dBμV/m	dBµV/m	dB	Ant
1	11611.500	39.7	+0.0	+0.0	+0.0	+0.0	+0.0	53.7	54.0	-0.3	Horiz
	M		+0.0	+9.6	-35.9	+1.1					
	Ave		+38.8	+0.0	+0.4				Z_802.11a	_5805M	
									Hz		
^	11011.500	51.9	+0.0	+0.0	+0.0	+0.0	+0.0	65.9	54.0	+11.9	Horiz
	M		+0.0	+9.6	-35.9	+1.1					
			+38.8	+0.0	+0.4				Z_802.11a	_5805M	
									Hz		
3		39.5	+0.0	+0.0	+0.0	+0.0	+0.0	53.5	54.0	-0.5	Vert
	M		+0.0	+9.6	-35.9	+1.1					
	Ave		+38.8	+0.0	+0.4				Y_802.11a	a_5765M	
									Hz		
^	11327.120	52.4	+0.0	+0.0	+0.0	+0.0	+0.0	66.4	54.0	+12.4	Vert
	M		+0.0	+9.6	-35.9	+1.1			** 000 11		
			+38.8	+0.0	+0.4				Y_802.11a	a_5765M	
	11.720.220		0.0	0.0	0.0	0.0	0.0		Hz		**
^	11327.330	44.5	+0.0	+0.0	+0.0	+0.0	+0.0	58.5	54.0	+4.5	Vert
	M		+0.0	+9.6	-35.9	+1.1			7 002 11.	57.C5N	
			+38.8	+0.0	+0.4				Z_802.11a	_3/63M	
	11491.330	39.3	+0.0	+0.0	+0.0	+0.0	+0.0	53.3	Hz 54.0	-0.7	Horiz
0	11491.330 M	39.3	+0.0	+0.0 +9.6	+0.0 -35.9	+0.0	+0.0	33.3	34.0	-0.7	попх
	Ave		+38.8	+9.0	-33.9 +0.4	+1.1			Z_802.11a	5745M	
	Ave		+30.0	+0.0	+0.4				Hz . power		
									dB pad	10, 10	
^	11491.330	52.8	+0.0	+0.0	+0.0	+0.0	+0.0	66.8	54.0	+12.8	Horiz
	M	32.0	+0.0 +0.0	+9.6	-35.9	+1.1	+0.0	00.0	J+.U	⊤1∠.0	110112
	141		+38.8	+0.0	+0.4	11.1			Z_802.11a	5745M	
			130.0	10.0	10.1				Hz . power		
									dB pad	10, 10	
8	11490.000	38.7	+0.0	+0.0	+0.0	+0.0	+0.0	52.7	54.0	-1.3	Vert
	M		+0.0	+9.6	-35.9	+1.1					
	Ave		+38.8	+0.0	+0.4				Y_802.11a	a_5745M	
									Hz		

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9 11610.670	38.5	+0.0	+0.0	+0.0	+ O O	+0.0	52.5	54.0 -1.5	Horiz
9 11610.670 M	36.3	+0.0 +0.0	+0.0 +9.6	+0.0 -35.9	+0.0 +1.1	+0.0	32.3	34.0 -1.3	попх
Ave		+38.8	+0.0	+0.4	⊤1.1			X_5805MHz	
^ 11610.670	51.1	+0.0	+0.0	+0.0	+0.0	+0.0	65.1	54.0 +11.1	Horiz
M	31.1	+0.0	+9.6	-35.9	+1.1	10.0	03.1	31.0	HOHZ
141		+38.8	+0.0	+0.4	11.1			X_5805MHz	
11 11528.330	38.3	+0.0	+0.0	+0.0	+0.0	+0.0	52.3	54.0 -1.7	Horiz
M	30.3	+0.0	+9.6	-35.9	+1.1	10.0	02.0	21.0	110112
Ave		+38.8	+0.0	+0.4				Z_802.11a_5765M	
								Hz	
^ 11528.330	50.7	+0.0	+0.0	+0.0	+0.0	+0.0	64.7	54.0 +10.7	Horiz
M		+0.0	+9.6	-35.9	+1.1				
		+38.8	+0.0	+0.4				Z_802.11a_5765M	-
								Hz	
13 11612.330	37.3	+0.0	+0.0	+0.0	+0.0	+0.0	51.3	54.0 -2.7	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	54.0 +9.4	Vert
M		+0.0	+9.6	-35.9	+1.1				
		+38.8	+0.0	+0.4				Y-	
								802.11a_5805MHz	
15 11606.020	37.3	+0.0	+0.0	+0.0	+0.0	+0.0	51.3	54.0 -2.7	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	54.0 +8.5	Vert
M		+0.0	+9.6	-35.9	+1.1				
		+38.8	+0.0	+0.4				X_5805MHz	
17 11490.000	37.0	+0.0	+0.0	+0.0	+0.0	+0.0	51.0	54.0 -3.0	Horiz
M		+0.0	+9.6	-35.9	+1.1				_
Ave		+38.8	+0.0	+0.4				X_802.11a_5745N	
4 44400 000	40.7	0.0	0.0	0.0		0.0		Hz	** '
^ 11490.000	48.5	+0.0	+0.0	+0.0	+0.0	+0.0	62.5	54.0 +8.5	Horiz
M		+0.0	+9.6	-35.9	+1.1			X 000 11 57 45	-
		+38.8	+0.0	+0.4				X_802.11a_5745M	
A 11400 000	40.2	100	ι Ο Ο	LO 0	ι Ο Ο	ι Ο Ο	542	Hz	II:-
^ 11490.000	40.3	+0.0	+0.0	+0.0	+0.0	+0.0	54.3	54.0 +0.3	Horiz
M		+0.0		-35.9	+1.1			V 902 112 5745N	r
		+38.8	+0.0	+0.4				Y_802.11a_5745M Hz	1
20 11525.930	36.7	+ΩΩ	ΙΟ Ο	100	+ΩΩ	+0.0	50.7	54.0 -3.3	Vont
20 11525.930 M	30.7	$+0.0 \\ +0.0$	+0.0 +9.6	+0.0 -35.9	$+0.0 \\ +1.1$	+0.0	50.7	54.0 -5.5	Vert
		+38.8	+9.6 +0.0		+1.1			X_802.11a_5765M	Ī
Ave		+30.0	+0.0	+0.4				A_802.11a_3703N Hz	1
^ 11526.000	47.2	+0.0	+0.0	+0.0	+0.0	+0.0	61.2	54.0 +7.2	Vert
M	71.4	+0.0	+0.0 +9.6	-35.9	+0.0 +1.1	±0.0	01.2	J 4 .0 +1.2	V CIL
IVI		+38.8	+9.0	-33.9 +0.4	+1.1			X_802.11a_5765M	Ī
		±30.0	±0.0	⊤∪. 4				Hz	L
								112	



22	11526.000	36.4	+0.0	+0.0	+0.0	+0.0	+0.0	50.4	54.0 -3.6	Horiz
	M		+0.0	+9.6	-35.9	+1.1				
	Ave		+38.8	+0.0	+0.4				X_802.11a_5765M	[
									Hz	
^	11526.000	49.6	+0.0	+0.0	+0.0	+0.0	+0.0	63.6	54.0 +9.6	Horiz
	M		+0.0	+9.6	-35.9	+1.1				
			+38.8	+0.0	+0.4				X_802.11a_5765M	[
									Hz	
24	11490.000	36.3	+0.0	+0.0	+0.0	+0.0	+0.0	50.3	54.0 -3.7	Vert
	M		+0.0	+9.6	-35.9	+1.1				
	Ave		+38.8	+0.0	+0.4				X_802.11a_5745M	[
									Hz	
٨	11490.000	51.5	+0.0	+0.0	+0.0	+0.0	+0.0	65.5	54.0 +11.5	Vert
	M		+0.0	+9.6	-35.9	+1.1				
			+38.8	+0.0	+0.4				Y_802.11a_5745M	[
									Hz	
٨	11490.000	48.5	+0.0	+0.0	+0.0	+0.0	+0.0	62.5	54.0 +8.5	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	54.0 +4.2	Vert
	M		+0.0	+9.6	-35.9	+1.1				
			+38.8	+0.0	+0.4				Z_802.11a_5745M	
									Hz	
28	15600.000	31.9	+0.0	+0.0	+0.0	+0.0	+0.0	49.0	54.0 -5.0	Horiz
	M		+0.0	+11.8	-34.6	+1.4				
	Ave		+38.0	+0.0	+0.5				Z_802.11a_5200M	
									Hz	
29	15600.000	31.7	+0.0	+0.0	+0.0	+0.0	+0.0	48.8	54.0 -5.2	Horiz
	M		+0.0	+11.8	-34.6	+1.4				
	Ave		+38.0	+0.0	+0.5				Y_802.11a_5200M	[
									Hz	
30	15720.000	31.0	+0.0	+0.0	+0.0	+0.0	+0.0	48.3	54.0 -5.7	Horiz
	M		+0.0	+11.8	-34.4	+1.4			· · · · · · · · · · · · · · · · ·	
	Ave		+38.0	+0.0	+0.5				Z_802.11a_5240M	
			0.0	. 0.0	. 3.0				Hz	
31	15600.000	31.2	+0.0	+0.0	+0.0	+0.0	+0.0	48.3	54.0 -5.7	Vert
	M	51.2		+11.8	-34.6	+1.4	10.0	.0.5	51.0 5.7	, 011
	Ave		+38.0	+0.0	+0.5				Y_802.11a_5200M	[
	· ·		. 20.0	. 0.0	. 3.2				Hz	-
32	15542.500	30.7	+0.0	+0.0	+0.0	+0.0	+0.0	47.7	54.0 -6.3	Horiz
32	M	50.7	+0.0	+11.7	-34.6	+1.4	10.0	. / . /	51.0 0.5	110112
	Ave		+38.0	+0.0	+0.5	. 1. 1			Z_802.11a_5180M	
	1110		150.0	10.0	10.5				Hz	
^	15542.500	44.5	+0.0	+0.0	+0.0	+0.0	+0.0	61.5	54.0 +7.5	Horiz
	13342.300 M	+4 .5	+0.0	+11.7	-34.6	+0.0	±0.0	01.5	J 1 .0 +1.3	110112
	1 V1		+38.0			±1.4			Z_802.11a_5180M	
			+38.0	+0.0	+0.5					
									Hz	



1										
34 11610.000	33.5	+0.0	+0.0	+0.0	+0.0	+0.0	47.5	54.0	-6.5	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	54.0	+5.4	Vert
M		+0.0	+9.6	-35.9	+1.1					
		+38.8	+0.0	+0.4				Z_802.11a_	5805M	
25 250 050) 5		10.7	0.0	0.0				Hz		
36 258.970M	44.6	+19.5	+0.0	+0.3	+2.8	+0.0	39.5	46.0	-6.5	Horiz
		-27.7	+0.0	+0.0	+0.0					
27 256 00014	44.7	+0.0	+0.0	+0.0	. 2. 0	. 0. 0	20.4	46.0		TT .
37 256.990M	44.7	+19.3	+0.0	+0.3	+2.8	+0.0	39.4	46.0	-6.6	Horiz
		-27.7	+0.0	+0.0	+0.0					
29 257 01014	116	+0.0	+0.0	+0.0	12.0	ι Ο Ο	20.2	46.0	67	Vent
38 257.010M	44.6	+19.3 -27.7	$+0.0 \\ +0.0$	$+0.3 \\ +0.0$	+2.8 +0.0	+0.0	39.3	46.0	-6.7	Vert
		+0.0	+0.0 +0.0	+0.0 +0.0	+0.0					
39 259.030M	44.2	+19.5	+0.0	+0.0	+2.8	+0.0	39.1	46.0	-6.9	Vert
39 239.030IVI	44.2	-27.7	+0.0	+0.0	+0.0	+0.0	39.1	40.0	-0.9	VCIT
		+0.0	+0.0	+0.0	10.0					
40 11490.000	32.8	+0.0	+0.0	+0.0	+0.0	+0.0	46.8	54.0	-7.2	Vert
M	52.0	+0.0	+9.6	-35.9	+1.1	10.0	70.0	54.0	1.4	V 011
Ave		+38.8	+0.0	+0.4	. 1.1			Z_802.11a_	5745M	
								Hz		
41 11529.330	32.6	+0.0	+0.0	+0.0	+0.0	+0.0	46.6	54.0	-7.4	Vert
M		+0.0	+9.6	-35.9	+1.1					
Ave		+38.8	+0.0	+0.4				Z_802.11a_	5765M	
								Hz		
42 251.020M	44.0	+18.6	+0.0	+0.3	+2.8	+0.0	38.0	46.0	-8.0	Horiz
		-27.7	+0.0	+0.0	+0.0					
		+0.0	+0.0	+0.0						
43 15540.000	28.9	+0.0	+0.0	+0.0	+0.0	+0.0	45.9	54.0	-8.1	Vert
M		+0.0	+11.7	-34.6	+1.4					
Ave		+38.0	+0.0	+0.5				Y_802.11a_	5180M	
4 4 7 7 10 000	40.0					0.0		Hz		**
^ 15540.000	40.9	+0.0	+0.0	+0.0	+0.0	+0.0	57.9	54.0	+3.9	Vert
M		+0.0	+11.7	-34.6	+1.4			¥7, 00 0 11	51003.5	
		+38.0	+0.0	+0.5				Y_802.11a_ Hz	5180M	
^ 15540.000	39.5	+0.0	+0.0	+0.0	+0.0	+0.0	56.5	54.0	+2.5	Vert
M		+0.0	+11.7	-34.6	+1.4					
		+38.0	+0.0	+0.5				Z_802.11a_	5180M	
								Hz		
46 251.010M	43.9	+18.6	+0.0	+0.3	+2.8	+0.0	37.9	46.0	-8.1	Vert
		-27.7	+0.0	+0.0	+0.0					
		+0.0	+0.0	+0.0						



-											
47	11527.800	31.9	+0.0	+0.0	+0.0	+0.0	+0.0	45.9	54.0	-8.1	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	54.0	+4.8	Horiz
	M		+0.0	+9.6	-35.9	+1.1					
			+38.8	+0.0	+0.4				Y_802.11a	_5765M	
									Hz		
49	15720.000	28.3	+0.0	+0.0	+0.0	+0.0	+0.0	45.6	54.0	-8.4	Horiz
	M		+0.0	+11.8	-34.4	+1.4					
	Ave		+38.0	+0.0	+0.5				Y_802.11a	5240M	
									Hz	_	
50	250.990M	43.6	+18.6	+0.0	+0.3	+2.8	+0.0	37.6	46.0	-8.4	Horiz
			-27.7	+0.0	+0.0	+0.0					
			+0.0	+0.0	+0.0						
51	124.510M	44.9	+15.9	+0.0	+0.2	+1.8	+0.0	34.9	43.5	-8.6	Horiz
			-27.9	+0.0	+0.0	+0.0					
			+0.0	+0.0	+0.0						
52	15600.000	28.1	+0.0	+0.0	+0.0	+0.0	+0.0	45.2	54.0	-8.8	Vert
02	M	20.1	+0.0	+11.8	-34.6	+1.4	. 0.0		2	0.0	, 610
	Ave		+38.0	+0.0	+0.5				X_802.11a	5200M	
	11,0				. 0.0				Hz	_0200111	
٨	15600.000	42.2	+0.0	+0.0	+0.0	+0.0	+0.0	59.3	54.0	+5.3	Vert
	M	12.2	+0.0	+11.8	-34.6	+1.4	10.0	07.0	2 1.0	10.0	, 616
	1.2		+38.0	+0.0	+0.5				Y 802.11a	5200M	
			150.0	10.0	10.5				Hz	_0200111	
٨	15600.000	40.3	+0.0	+0.0	+0.0	+0.0	+0.0	57.4	54.0	+3.4	Vert
	M	10.5	+0.0	+11.8	-34.6	+1.4	10.0	37.1	31.0	13.1	V 011
	141		+38.0	+0.0	+0.5	11.1			X_802.11a	5200M	
			130.0	10.0	10.5				Hz	_5200111	
55	11610.000	31.1	+0.0	+0.0	+0.0	+0.0	+0.0	45.1	54.0	-8.9	Horiz
	M	51.1	+0.0	+9.6	-35.9	+1.1	10.0	75.1	54.0	0.7	110112
	Ave		+38.8	+0.0	+0.4	11.1			Y-		
	1110		150.0	10.0	10.4				802.11a_58	05MH2	
^	11610.000	43.1	+0.0	+0.0	+0.0	+0.0	+0.0	57.1	54.0	+3.1	Horiz
	M	45.1	+0.0 +0.0	+9.6	-35.9	+0.0	±0.0	31.1	54.0	⊤3.1	110112
	171		+38.8	+0.0	+0.4	11.1			Y-		
			±30.0	+0.0	⊤ ∪. 4				802.11a_58	205MU-2	
57	267.020M	40.9	+20.3	+0.0	+0.3	+2.9	+0.0	36.6	46.0	-9.4	Horiz
31	207.020IVI	40.9	+20.3 -27.8	+0.0 +0.0	+0.5		+0.0	30.0	40.0	-7.4	HOHZ
						+0.0					
			+0.0	+0.0	+0.0						



58 15720.000	26.8	+0.0	+0.0	+0.0	+0.0	+0.0	44.1	54.0	-9.9	Vert
M		+0.0	+11.8	-34.4	+1.4					
Ave		+38.0	+0.0	+0.5				X_802.11a_52	240M	
								Hz		
^ 15720.000	38.8	+0.0	+0.0	+0.0	+0.0	+0.0	56.1	54.0	+2.1	Vert
M		+0.0	+11.8	-34.4	+1.4					
		+38.0	+0.0	+0.5				X_802.11a_52	240M	
								Hz		
^ 15720.000	38.4	+0.0	+0.0	+0.0	+0.0	+0.0	55.7	54.0	+1.7	Vert
M		+0.0	+11.8	-34.4	+1.4					
		+38.0	+0.0	+0.5				Y_802.11a_52	240M	
								Hz		
61 15720.000	26.7	+0.0	+0.0	+0.0	+0.0	+0.0	44.0	54.0	-10.0	Horiz
M		+0.0	+11.8	-34.4	+1.4					
Ave		+38.0	+0.0	+0.5				X_802.11a_52	240M	
								Hz		
^ 15720.000	43.2	+0.0	+0.0	+0.0	+0.0	+0.0	60.5	54.0	+6.5	Horiz
M		+0.0	+11.8	-34.4	+1.4					
		+38.0	+0.0	+0.5				Z_802.11a_52	240M	
								Hz		
^ 15720.000	40.4	+0.0	+0.0	+0.0	+0.0	+0.0	57.7	54.0	+3.7	Horiz
M		+0.0	+11.8	-34.4	+1.4					
		+38.0	+0.0	+0.5				Y_802.11a_52	240M	
								Hz		
^ 15720.000	39.5	+0.0	+0.0	+0.0	+0.0	+0.0	56.8	54.0	+2.8	Horiz
M		+0.0	+11.8	-34.4	+1.4					
		+38.0	+0.0	+0.5				X_802.11a_52	240M	
								Hz		
65 15540.000	27.0	+0.0	+0.0	+0.0	+0.0	+0.0	44.0	54.0	-10.0	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	54.0	+2.1	Horiz
M		+0.0	+11.7	-34.6	+1.4					
		+38.0	+0.0	+0.5				Y_802.11a_5	180M	
								Hz		
67 15540.000	27.0	+0.0	+0.0	+0.0	+0.0	+0.0	44.0	54.0	-10.0	Vert
M		+0.0		-34.6	+1.4					
Ave		+38.0	+0.0	+0.5				Z_802.11a_51	180M	
								Hz		
68 399.966M	44.0	+0.0	+15.7	+0.4	+3.6	+0.0	35.9	46.0	-10.1	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	46.0	-6.7	Vert
		-27.8	+0.0	+0.0	+0.0					
		+0.0	+0.0	+0.0						
70 123.840M	43.2	+15.8	+0.0	+0.2	+1.8	+0.0	33.1	43.5	-10.4	Vert
		-27.9	+0.0	+0.0	+0.0					
		+0.0	+0.0	+0.0						



71	11490.000	29.5	+0.0	+0.0	+0.0	+0.0	+0.0	43.5	54.0 -10.5	Horiz
	M		+0.0	+9.6	-35.9	+1.1				
	Ave		+38.8	+0.0	+0.4				Y_802.11a_5745M	
									Hz	
72	15538.580	26.5	+0.0	+0.0	+0.0	+0.0	+0.0	43.5	54.0 -10.5	Vert
	M		+0.0	+11.7	-34.6	+1.4				
	Ave		+38.0	+0.0	+0.5				X_802.11a_5180M	
									Hz	
^	15538.580	38.0	+0.0	+0.0	+0.0	+0.0	+0.0	55.0	54.0 +1.0	Vert
	M		+0.0	+11.7	-34.6	+1.4				
			+38.0	+0.0	+0.5				X_802.11a_5180M	
									Hz	
74	15720.000	25.6	+0.0	+0.0	+0.0	+0.0	+0.0	42.9	54.0 -11.1	Vert
	M		+0.0	+11.8	-34.4	+1.4				
	Ave		+38.0	+0.0	+0.5				Y_802.11a_5240M	
									Hz	
75	15600.000	25.5	+0.0	+0.0	+0.0	+0.0	+0.0	42.6	54.0 -11.4	Horiz
	M		+0.0	+11.8	-34.6	+1.4				
	Ave		+38.0	+0.0	+0.5				X_802.11a_5200M	
									Hz	
٨	15600.000	45.3	+0.0	+0.0	+0.0	+0.0	+0.0	62.4	54.0 +8.4	Horiz
	M		+0.0	+11.8	-34.6	+1.4				
			+38.0	+0.0	+0.5				Z_802.11a_5200M	
									Hz	
٨	15600.000	42.7	+0.0	+0.0	+0.0	+0.0	+0.0	59.8	54.0 +5.8	Horiz
	M		+0.0	+11.8	-34.6	+1.4				
			+38.0	+0.0	+0.5				Y_802.11a_5200M	
									Hz	
٨	15600.000	38.1	+0.0	+0.0	+0.0	+0.0	+0.0	55.2	54.0 +1.2	Horiz
	M		+0.0	+11.8	-34.6	+1.4				
			+38.0	+0.0	+0.5				X_802.11a_5200M	
									Hz	
79	15602.500	25.5	+0.0	+0.0	+0.0	+0.0	+0.0	42.6	54.0 -11.4	Vert
	M		+0.0	+11.8	-34.6	+1.4				
	Ave		+38.0	+0.0	+0.5				Z_802.11a_5200M	
									Hz	
٨	15602.500	37.3	+0.0	+0.0	+0.0	+0.0	+0.0	54.4	54.0 +0.4	Vert
	M	27.00		+11.8	-34.6	+1.4			2	. 520
			+38.0	+0.0	+0.5				Z_802.11a_5200M	
									Hz	
81	15719.000	25.2	+0.0	+0.0	+0.0	+0.0	+0.0	42.5	54.0 -11.5	Vert
	M	20.2	+0.0	+11.8	-34.4	+1.4		.2.3	2 11.3	. 010
	Ave		+38.0	+0.0	+0.5				Z_802.11a_5240M	
	0		150.0	10.0	10.5				Hz	
^	15719.000	36.2	+0.0	+0.0	+0.0	+0.0	+0.0	53.5	54.0 -0.5	Vert
	M	50.2	+0.0	+11.8	-34.4	+1.4	10.0	55.5	57.0 -0.5	V CIT
	171		+38.0	+0.0	+0.5	11.7			Z_802.11a_5240M	
			130.0	10.0	10.5				Hz	
									112	



02	15520 500	25.4	.00	. 0. 0	. 0. 0	. 0. 0	. 0. 0	40.4	540	11.6	II
83	15538.580	25.4	+0.0	+0.0	+0.0	+0.0	+0.0	42.4	54.0	-11.6	Horiz
	M Ave		$+0.0 \\ +38.0$	$+11.7 \\ +0.0$	-34.6	+1.4			X_802.11a	5190N/I	
	Ave		+38.0	+0.0	+0.5				А_602.11a Hz	_3180141	
^	15538.580	37.1	+0.0	+0.0	+0.0	+0.0	+0.0	54.1	54.0	+0.1	Horiz
	M	37.1	+0.0	+11.7	-34.6	+1.4	10.0	37.1	34.0	10.1	HOHZ
	141		+38.0	+0.0	+0.5	11.7			X_802.11a	5180M	
			150.0	10.0	10.5				Hz	_5100111	
85	399.992M	42.4	+0.0	+15.7	+0.4	+3.6	+0.0	34.3	46.0	-11.7	Horiz
			-27.8	+0.0	+0.0	+0.0					
			+0.0	+0.0	+0.0						
86	250.980M	40.3	+18.6	+0.0	+0.3	+2.8	+0.0	34.3	46.0	-11.7	Vert
			-27.7	+0.0	+0.0	+0.0					
			+0.0	+0.0	+0.0						
87	279.010M	37.2	+21.5	+0.0	+0.3	+2.9	+0.0	34.1	46.0	-11.9	Vert
			-27.8	+0.0	+0.0	+0.0					
			+0.0	+0.0	+0.0						
88	400.007M	42.0	+0.0	+15.7	+0.4	+3.6	+0.0	33.9	46.0	-12.1	Horiz
			-27.8	+0.0	+0.0	+0.0					
			+0.0	+0.0	+0.0						
89	126.130M	40.9	+16.2	+0.0	+0.2	+1.8	+0.0	31.2	43.5	-12.3	Horiz
			-27.9	+0.0	+0.0	+0.0					
			+0.0	+0.0	+0.0						
90	259.005M	37.0	+19.5	+0.0	+0.3	+2.8	+0.0	31.9	46.0	-14.1	Vert
			-27.7	+0.0	+0.0	+0.0					
			+0.0	+0.0	+0.0						
91	22973.330	40.4	+0.0	+0.0	+0.0	+0.0	-10.0	39.4	54.0	-14.6	Vert
	M		+0.0	+0.0	-32.4	+1.7					
	Ave		+0.0	+39.7	+0.0						
^	22973.330	54.0	+0.0	+0.0	+0.0	+0.0	-10.0	53.0	54.0	-1.0	Vert
	M		+0.0	+0.0	-32.4	+1.7					
			+0.0	+39.7	+0.0						
93	137.190M	36.8	+17.6	+0.0	+0.3	+1.9	+0.0	28.7	43.5	-14.8	Horiz
			-27.9	+0.0	+0.0	+0.0					
0.4	240.0003.5	27.6	+0.0	+0.0	+0.0	. 2.7	. 0. 0	21.1	460	140	T7 ·
94	240.990M	37.6	+18.3	+0.0	+0.3	+2.7	+0.0	31.1	46.0	-14.9	Vert
			-27.8	+0.0	+0.0	+0.0					
05	251 0101/	27.1	+0.0	+0.0	+0.0	12.0	100	21.1	460	140	17
95	251.010M	37.1	+18.6	+0.0	+0.3	+2.8	+0.0	31.1	46.0	-14.9	Vert
			-27.7 +0.0	+0.0	+0.0	+0.0					
06	255 020M	35.7		+0.0	+0.0	120	100	30.1	46.0	-15.9	Vert
96	255.020M	33.1	+19.0 -27.7	$+0.0 \\ +0.0$	+0.3 +0.0	+2.8 +0.0	+0.0	30.1	40.0	-13.9	ven
			+0.0	+0.0 +0.0	+0.0 +0.0	+0.0					
97	163.090M	34.5	+18.5	+0.0	+0.0	+2.1	+0.0	27.5	43.5	-16.0	Horiz
91	103.090101	54.5	+18.3 -27.9	+0.0	+0.3	+2.1	+0.0	41.3	43.3	-10.0	HOHZ
			+0.0	+0.0	+0.0	+0.0					
98	241.000M	36.5	+18.3	+0.0	+0.0	+2.7	+0.0	30.0	46.0	-16.0	Vert
70	271.000W	50.5	-27.8	+0.0	+0.0	+0.0	10.0	50.0	70.0	-10.0	v CI t
			+0.0	+0.0	+0.0	10.0					
<u> </u>			10.0	10.0	10.0						

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99 26	69.010M	34.1	+20.5	+0.0	+0.3	+2.9	+0.0	30.0	46.0	-16.0	Vert
			-27.8	+0.0	+0.0	+0.0					
			+0.0	+0.0	+0.0						
100 230	063.330	37.5	+0.0	+0.0	+0.0	+0.0	-10.0	36.5	54.0	-17.5	Vert
	M		+0.0	+0.0	-32.4	+1.7					
Ave	e		+0.0	+39.7	+0.0						
^ 230	063.330	49.3	+0.0	+0.0	+0.0	+0.0	-10.0	48.3	54.0	-5.7	Vert
	M		+0.0	+0.0	-32.4	+1.7					
			+0.0	+39.7	+0.0						
102 209	973.330	36.7	+0.0	+0.0	+0.0	+0.0	-10.0	35.0	54.0	-19.0	Vert
	M		+0.0	+0.0	-32.9	+1.6					
Ave	•		+0.0	+39.6	+0.0						
^ 209	973.330	54.4	+0.0	+0.0	+0.0	+0.0	-10.0	52.7	54.0	-1.3	Vert
	M		+0.0	+0.0	-32.9	+1.6					
			+0.0	+39.6	+0.0						
104 208	800.000	35.0	+0.0	+0.0	+0.0	+0.0	-10.0	33.3	54.0	-20.7	Vert
	M		+0.0	+0.0	-32.9	+1.6					
Ave	•		+0.0	+39.6	+0.0						
^ 208	800.000	45.4	+0.0	+0.0	+0.0	+0.0	-10.0	43.7	54.0	-10.3	Vert
	M		+0.0	+0.0	-32.9	+1.6					
			+0.0	+39.6	+0.0						
106 20	720.000	33.8	+0.0	+0.0	+0.0	+0.0	-10.0	32.2	54.0	-21.8	Vert
	M		+0.0	+0.0	-32.8	+1.6					
Ave	•		+0.0	+39.6	+0.0						
^ 20′	720.000	48.2	+0.0	+0.0	+0.0	+0.0	-10.0	46.6	54.0	-7.4	Vert
	M		+0.0	+0.0	-32.8	+1.6					
			+0.0	+39.6	+0.0						
108 172	236.330	40.4	+0.0	+0.0	+0.0	+0.0	-10.0	52.6	85.0	-32.4	Horiz
	M		+0.0	+12.5	-33.7	+1.5					
Ave			+41.6	+0.0	+0.3				Z_802.11a	_5745M	
									Hz, powers	=16, 10	
									dB pad, 1 n		
^ 172	236.330	53.5	+0.0	+0.0	+0.0	+0.0	-10.0	65.7	85.0	-19.3	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 n		
110 172	235.000	40.2	+0.0	+0.0	+0.0	+0.0	-10.0	52.4	85.0	-32.6	Horiz
	M		+0.0	+12.5	-33.7	+1.5					
Ave	•		+41.6	+0.0	+0.3				X_802.11a	_5745M	
									Hz		
^ 172	235.000	57.0	+0.0	+0.0	+0.0	+0.0	-10.0	69.2	85.0	-15.8	Horiz
	M		+0.0	+12.5	-33.7	+1.5					
			+41.6	+0.0	+0.3				X_802.11a	_5745M	
									Hz		
^ 172	235.000	44.8	+0.0	+0.0	+0.0	+0.0	-10.0	57.0	85.0	-28.0	Horiz
	M		+0.0	+12.5	-33.7	+1.5					
			+41.6	+0.0	+0.3				Y_802.11a	_5745M	
									Hz		



113 17289.000	39.7	+0.0	+0.0	+0.0	+0.0	-10.0	52.2	85.0 -32.8	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	85.0 -18.4	Horiz
M		+0.0	+12.5	-33.6	+1.5				
		+41.8	+0.0	+0.3				X_802.11a_5765M	
								Hz	
115 17411.330	37.9	+0.0	+0.0	+0.0	+0.0	-10.0	51.1	85.0 -33.9	Horiz
M		+0.0	+12.5	-33.6	+1.5				
Ave		+42.4	+0.0	+0.4				X_5805MHz	
^ 17411.330	53.4	+0.0	+0.0	+0.0	+0.0	-10.0	66.6	85.0 -18.4	Horiz
M		+0.0	+12.5	-33.6	+1.5				
		+42.4	+0.0	+0.4				X_5805MHz	
117 17283.330	38.3	+0.0	+0.0	+0.0	+0.0	-10.0	50.8	85.0 -34.2	Horiz
M		+0.0	+12.5	-33.6	+1.5				
Ave		+41.8	+0.0	+0.3				Z_802.11a_5765M	
								Hz	
^ 17283.330	52.6	+0.0	+0.0	+0.0	+0.0	-10.0	65.1	85.0 -19.9	Horiz
M		+0.0	+12.5	-33.6	+1.5				
		+41.8	+0.0	+0.3				Z_802.11a_5765M	
								Hz	
119 6906.567M	44.1	+0.0	+0.0	+0.0	+0.0	+0.0	50.5	85.0 -34.5	Horiz
Ave		+0.0	+6.7	-36.5	+0.8			Z_802.11a_5180M	
		+34.9	+0.0	+0.5				Hz	
120 17421.670	36.1	+0.0	+0.0	+0.0	+0.0	-10.0	49.3	85.0 -35.7	Horiz
M		+0.0	+12.5	-33.6	+1.5				
Ave		+42.4	+0.0	+0.4				Z_802.11a_5805M	
4.7.7.4.650	45.0	0.0	0.0	0.0	0.0	10.0		Hz	** '
^ 17421.670	47.3	+0.0	+0.0	+0.0	+0.0	-10.0	60.5	85.0 -24.5	Horiz
M		+0.0	+12.5	-33.6	+1.5			5 000 11 500 51 f	
		+42.4	+0.0	+0.4				Z_802.11a_5805M	
100 (00) ((7))	42.2	. 0. 0	. 0. 0	. 0. 0	. 0. 0	. 0. 0	40.0	Hz	TT .
122 6986.667M	42.3	+0.0	+0.0	+0.0	+0.0	+0.0	48.9	85.0 -36.1	Horiz
Ave		+0.0	+6.7	-36.4	+0.8			Z_802.11a_5240M	
100 (00) (50) (40.1	+35.0	+0.0	+0.5	. 0. 0	.00	40.7	Hz	X7 .
123 6906.650M	42.1	+0.0	+0.0	+0.0	+0.0	+0.0	48.5	85.0 -36.5	Vert
Ave		+0.0	+6.7	-36.5	+0.8			Y_802.11a_5180M	
A (00) (570) 5	450	+34.9	+0.0	+0.5	. 0. 0	. 0. 0	<i>50.5</i>	Hz	3.7
^ 6906.650M	46.3	+0.0	+0.0	+0.0	+0.0	+0.0	52.7	85.0 -32.3	Vert
		+0.0	+6.7	-36.5	+0.8			Y_802.11a_5180M	
105 (00) 50035	42.1	+34.9	+0.0	+0.5	. 0. 0	. 0. 0	40.7	Hz	X7 ·
125 6906.500M	42.1	+0.0	+0.0	+0.0	+0.0	+0.0	48.5	85.0 -36.5	Vert
		+0.0	+6.7	-36.5	+0.8			Z_802.11a_5180M	
104 10400 000	27.2	+34.9	+0.0	+0.5	0.0	.0.0	40.2	Hz	T
126 10400.000	36.3	+0.0	+0.0	+0.0	+0.0	+0.0	48.2	85.0 -36.8	Horiz
M		+0.0	+8.8	-36.2	+1.0			V 000 11 500035	
Ave		+38.0	+0.0	+0.3				Y_802.11a_5200M	
								Hz	



127	6933.497M	41.8	+0.0	+0.0	+0.0	+0.0	+0.0	48.2	85.0 -36.8	Horiz
	Ave		+0.0	+6.7	-36.5	+0.8	. 0.0		Z_802.11a_5200M	110112
			+34.9	+0.0	+0.5				Hz	
٨	6933.497M	47.9	+0.0	+0.0	+0.0	+0.0	+0.0	54.3	85.0 -30.7	Horiz
			+0.0	+6.7	-36.5	+0.8			Z_802.11a_5200M	
			+34.9	+0.0	+0.5				Hz	
129	6933.050M	41.7	+0.0	+0.0	+0.0	+0.0	+0.0	48.1	85.0 -36.9	Vert
	Ave		+0.0	+6.7	-36.5	+0.8			Y_802.11a_5200M	
			+34.9	+0.0	+0.5				Hz	
٨	6933.050M	48.0	+0.0	+0.0	+0.0	+0.0	+0.0	54.4	85.0 -30.6	Vert
			+0.0	+6.7	-36.5	+0.8			Y_802.11a_5200M	
			+34.9	+0.0	+0.5				Hz	
131	6986.533M	41.4	+0.0	+0.0	+0.0	+0.0	+0.0	48.0	85.0 -37.0	Vert
	Ave		+0.0	+6.7	-36.4	+0.8			Y_802.11a_5240M	
			+35.0	+0.0	+0.5				Hz	
٨	6986.533M	46.7	+0.0	+0.0	+0.0	+0.0	+0.0	53.3	85.0 -31.7	Vert
			+0.0	+6.7	-36.4	+0.8			Y_802.11a_5240M	
			+35.0	+0.0	+0.5				Hz	
133	17235.820	24.9	+0.0	+0.0	+0.0	+0.0	+0.0	47.1	85.0 -37.9	Vert
	M		+0.0	+12.5	-33.7	+1.5				
	Ave		+41.6	+0.0	+0.3				Z_802.11a_5745M	
									Hz	
٨	17235.820	37.3	+0.0	+0.0	+0.0	+0.0	+0.0	59.5	85.0 -25.5	Vert
	M		+0.0	+12.5	-33.7	+1.5				
			+41.6	+0.0	+0.3				Z_802.11a_5745M	
									Hz	
135	17235.000	34.9	+0.0	+0.0	+0.0	+0.0	-10.0	47.1	85.0 -37.9	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	-10.0	58.8	85.0 -26.2	Vert
	M		+0.0	+12.5	-33.7	+1.5				
			+41.6	+0.0	+0.3				X_802.11a_5745M	
									Hz	
137	10400.000	34.8	+0.0	+0.0	+0.0	+0.0	+0.0	46.7	85.0 -38.3	Horiz
	M		+0.0	+8.8	-36.2	+1.0				
	Ave		+38.0	+0.0	+0.3				Z_802.11a_5200M	
									Hz	
138	17289.000	34.1	+0.0	+0.0	+0.0	+0.0	-10.0	46.6	85.0 -38.4	Vert
	M		+0.0	+12.5	-33.6	+1.5				
	Ave		+41.8	+0.0	+0.3				X_802.11a_5765M	
_							10 -		Hz	
^	17289.000	45.4	+0.0	+0.0	+0.0	+0.0	-10.0	57.9	85.0 -27.1	Vert
	M		+0.0	+12.5	-33.6	+1.5			T. 000 11	
			+41.8	+0.0	+0.3				X_802.11a_5765M	
									Hz	



140 17292.220	34.0	+0.0	+0.0	+0.0	+0.0	-10.0	46.6	85.0 -38.4	Vert
M	31.0	+0.0	+12.5	-33.6	+1.5	10.0	10.0	03.0 30.1	VOIT
Ave		+41.9	+0.0	+0.3				Y_802.11a_5765M	
								Hz	
^ 17292.220	45.5	+0.0	+0.0	+0.0	+0.0	-10.0	58.1	85.0 -26.9	Vert
M		+0.0	+12.5	-33.6	+1.5				
		+41.9	+0.0	+0.3				Y_802.11a_5765M	
								Hz	
142 17230.500	34.3	+0.0	+0.0	+0.0	+0.0	-10.0	46.5	85.0 -38.5	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	-10.0	58.4	85.0 -26.6	Vert
M		+0.0	+12.5	-33.7	+1.5				
		+41.6	+0.0	+0.3				Y_802.11a_5745M	
								Hz	
144 17415.000	23.0	+0.0	+0.0	+0.0	+0.0	+0.0	46.2	85.0 -38.8	Vert
M		+0.0	+12.5	-33.6	+1.5				
Ave		+42.4	+0.0	+0.4				Z_802.11a_5805M	
								Hz	
^ 17415.000	33.7	+0.0	+0.0	+0.0	+0.0	+0.0	56.9	85.0 -28.1	Vert
M		+0.0	+12.5	-33.6	+1.5			F 000 11 F00F1 F	
		+42.4	+0.0	+0.4				Z_802.11a_5805M	
146 17202 000	22.0	. 0. 0	. 0. 0	. 0. 0	. 0. 0	10.0	15.6	Hz	77 '
146 17292.800	33.0	+0.0	+0.0	+0.0	+0.0	-10.0	45.6	85.0 -39.4	Horiz
M		+0.0	+12.5	-33.6	+1.5			V 900 11. 5765M	
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	85.0 -26.5	Horiz
M	43.9	+0.0 +0.0	+12.5	-33.6	+1.5	-10.0	36.3	65.0 -20.5	ПОПЕ
1V1		+41.9	+0.0	+0.3	⊤1.5			Y_802.11a_5765M	
		171.7	10.0	10.5				Hz	
148 10480.000	33.6	+0.0	+0.0	+0.0	+0.0	+0.0	45.6	85.0 -39.4	Horiz
M	22.0	+0.0	+8.9	-36.2	+1.0	10.0	₹3.0	05.0 -57.4	110112
Ave		+38.0	+0.0	+0.3	11.0			Z 802.11a 5240M	
11,0		150.0	. 0.0	10.5				Hz	
149 10359.830	33.6	+0.0	+0.0	+0.0	+0.0	+0.0	45.5	85.0 -39.5	Horiz
M	20.0	+0.0	+8.8	-36.2	+1.0			22.2	
Ave		+38.0	+0.0	+0.3				Z_802.11a_5180M	
								Hz	
^ 10359.830	48.0	+0.0	+0.0	+0.0	+0.0	+0.0	59.9	85.0 -25.1	Horiz
M		+0.0	+8.8	-36.2	+1.0				
		+38.0	+0.0	+0.3				Z_802.11a_5180M	
								Hz	
171					. 1.0				



151	10400.000	33.3	+0.0	+0.0	+0.0	+0.0	+0.0	45.2	85.0 -39.8	Vert
	M A via		+0.0	+8.8	-36.2	+1.0			V 900 11 - 5000 4	
	Ave		+38.0	+0.0	+0.3				X_802.11a_5200M Hz	
٨	10400.000	46.0	+0.0	+0.0	+0.0	+0.0	+0.0	57.9	85.0 -27.1	Vert
	M	10.0	+0.0	+8.8	-36.2	+1.0	, 0.0	51.7	00.0 27.1	, 011
			+38.0	+0.0	+0.3				X_802.11a_5200M	
									Hz	
^	10400.000	40.5	+0.0	+0.0	+0.0	+0.0	+0.0	52.4	85.0 -32.6	Vert
	M		+0.0	+8.8	-36.2	+1.0			X 000 11 5000 6	
			+38.0	+0.0	+0.3				Y_802.11a_5200M Hz	
15/	10480.000	33.1	+0.0	+0.0	+0.0	+0.0	+0.0	45.1	85.0 -39.9	Horiz
134	M	JJ.1	+0.0	+8.9	-36.2	+1.0	10.0	7 J.1	05.0 -57.7	110112
	Ave		+38.0	+0.0	+0.3	. 1.0			X_802.11a_5240M	
									Hz	
٨	10480.000	46.7	+0.0	+0.0	+0.0	+0.0	+0.0	58.7	85.0 -26.3	Horiz
	M		+0.0	+8.9	-36.2	+1.0				
			+38.0	+0.0	+0.3				Z_802.11a_5240M	
٨	10480.000	45.9	ι Ο Ο	10.0	100	.00	+0.0	57.0	Hz 85.0 -27.1	II.c.::-
,	10480.000 M	45.9	$^{+0.0}_{+0.0}$	+0.0 +8.9	+0.0 -36.2	+0.0 +1.0	+0.0	57.9	85.0 -27.1	Horiz
	IVI		+38.0	+0.0	+0.3	+1.0			X_802.11a_5240M	
			150.0	10.0	10.5				Hz	
٨	10480.000	44.8	+0.0	+0.0	+0.0	+0.0	+0.0	56.8	85.0 -28.2	Horiz
	M		+0.0	+8.9	-36.2	+1.0				
			+38.0	+0.0	+0.3				Y_802.11a_5240M	
1.50	10250 500	22.2			0.0		0.0	4	Hz	TT .
158	10358.500 M	33.2	$^{+0.0}_{+0.0}$	+0.0	+0.0	+0.0	+0.0	45.1	85.0 -39.9	Horiz
	Ave		+38.0	$+8.8 \\ +0.0$	-36.2 +0.3	+1.0			X_802.11a_5180M	
•	1110		130.0	10.0	10.5				Hz	
٨	10358.500	47.0	+0.0	+0.0	+0.0	+0.0	+0.0	58.9	85.0 -26.1	Horiz
	M		+0.0	+8.8	-36.2	+1.0				
			+38.0	+0.0	+0.3				X_802.11a_5180M	
	10.455.5								Hz	
160	10479.000	33.0	+0.0	+0.0	+0.0	+0.0	+0.0	45.0	85.0 -40.0	Vert
	M Avo		$+0.0 \\ +38.0$	+8.9	-36.2	+1.0			Z_802.11a_5240M	
	Ave		+36.0	+0.0	+0.3				Z_802.11a_5240M Hz	
٨	10479.000	46.8	+0.0	+0.0	+0.0	+0.0	+0.0	58.8	85.0 -26.2	Vert
	M		+0.0	+8.9	-36.2	+1.0		20.0	23.2	. 525
			+38.0	+0.0	+0.3				Z_802.11a_5240M	
									Hz	
162	10358.000	33.1	+0.0	+0.0	+0.0	+0.0	+0.0	45.0	85.0 -40.0	Vert
	Μ		+0.0	+8.8	-36.2	+1.0			V 000 11 - 5100 5	
	Ave		+38.0	+0.0	+0.3				X_802.11a_5180M Hz	
٨	10358.000	47.4	+0.0	+0.0	+0.0	+0.0	+0.0	59.3	85.0 -25.7	Vert
	M	→/ . →	+0.0	+8.8	-36.2	+1.0	10.0	57.5	05.0 -25.1	V CIT
	=:=		+38.0	+0.0	+0.3	. 2.0			X_802.11a_5180M	
									Hz	



164 17415,000	1										
Ave		31.8					-10.0	45.0	85.0	40.0	Horiz
17415.000						+1.5					
17415.000	Ave		+42.4	+0.0	+0.4				_	***	
M							100				
		44.3					-10.0	57.5	85.0 -2	27.5	Horiz
166 17411.330	M					+1.5			3 7		
166 17411.330			+42.4	+0.0	+0.4					/II	
M +40.0 +12.5 33.6 +1.5 × 5805MHz ^ 17411.330 42.1 +00 +0.0 +0.0 +0.0 -10.0 55.3 85.0 -29.7 Vert M +40.0 +12.5 33.6 +1.5 X_5805MHz Vert 168 17416.170 31.6 +00 +0.0 +0.0 +0.0 +0.0 44.8 85.0 -40.2 Vert Ave +42.4 +0.0 +0.0 +0.0 +0.0 +0.0 48.8 85.0 -40.2 Vert Ave +42.4 +0.0 +0.0 +0.0 +0.0 +0.0 54.3 85.0 -30.7 Vert M +0.0 +0.0 +0.0 +0.0 +0.0 45.3 85.0 -30.7 Vert M +0.0 +0.0 +0.0 +0.0 40.0 44.5 85.0 -30.7 Vert M +0.0 +0.0 +0.0 +0.0 40.0 40.0 43	166 17411 220	21.7	. 0. 0	. 0. 0	. 0. 0	. 0. 0	10.0	44.0			77 .
Ave		31./					-10.0	44.9	85.0 -4	40.1	vert
17411.330						+1.5			V 5005MHz		
M +0.0 +12.5 -33.6 +1.5 X_5805MHz 168 17416.170 31.6 +0.0 +0.0 +0.0 -10.0 44.8 85.0 -40.2 Vert M +0.0 +12.5 -33.6 +1.5 Y-802.11a_5805MHz Vert Ave +42.4 +0.0 +0.0 +0.0 -10.0 54.3 85.0 -30.7 Vert M +0.0 +12.5 -33.6 +1.5 Y-802.11a_5805MHz Vert 170 17301.000 21.9 +0.0 +0.0 +0.0 +0.0 +40.0 +40.0 Y-802.11a_5805MHz Vert 170 17301.000 21.9 +0.0 +0.0 +0.0 +0.0 +0.0 44.5 85.0 -40.5 Vert M +0.0 +12.5 -33.6 +1.5 X_802.11a_5805MHz Vert X_802.11a_5805MHz Vert X_802.11a_5805MHz Vert X_802.11a_5805MHz X_802.11a_5805MHz X_802.11a_5805MHz X_802.11a_5805MHz X_802.11a_5805MHz X_802.11a_5805MHz		42.1				+0.0	10.0	55.2		20.7	Vort
168 17416.170		42.1					-10.0	33.3	65.0	29.1	Vert
168 17416.170	IVI					+1.5			V 5905MU ₂		
M +0.0 +12.5 -33.6 +1.5 Y Y Y R R P R	168 17/16 170	31.6				+0.0	10.0	11 0		40.2	Vort
Ave		31.0					-10.0	44.0	65.0	40.2	Vert
Note						⊤1.5			V-		
^ 17416.170	Avc		T 42.4	+0.0	⊤0. 4					ЛН	
M	^ 17416 170	41 1	+0.0	+0.0	+0.0	+0.0	-10.0	54.3			Vert
H42.4		71.1					10.0	54.5	03.0	30.7	VCIt
170 17301.000	171					11.5			Y-		
170 17301.000			1 12.1	10.0	10.1				_	ЛНz	
M +0.0 +12.5 -33.6 +1.5 Z_802.11a_5765M Z_802.11a_5765M Z_802.11a_5765M Z_802.11a_5765M Z_802.11a_5765M Z_802.11a_5765M Z_802.11a_5765M Vert 17301.000 32.8 +0.0 +0.0 +0.0 +0.0 55.4 85.0 -29.6 Vert M +0.0 +12.5 -33.6 +1.5 Z_802.11a_5765M Hz 172 10480.000 32.4 +0.0 +0.0 +0.0 +0.0 44.4 85.0 -40.6 Horiz M +0.0 +8.9 -36.2 +1.0 Y_802.11a_5240M Hz 173 10480.000 32.3 +0.0 +0.0 +0.0 +0.0 44.3 85.0 -40.7 Vert M +0.0 +8.9 -36.2 +1.0 X_802.11a_5240M Hz *10480.000 43.4 +0.0 +0.0 +0.0 +0.0 55.4 85.0 -29.6 Vert M +0.0 +8.9 -36.2 +1.0 X_8	170 17301 000	21.9	+0.0	+0.0	+0.0	+0.0	+0.0	44 5			Vert
Ave		21.7					10.0	11.5	03.0	10.5	VOIC
Hz									Z 802.11a 576	65M	
^ 17301.000 32.8 +0.0 +0.0 +0.0 +0.0 +0.0 +0.0 55.4 85.0 -29.6 Vert M +0.0 +12.5 -33.6 +1.5 Z_802.11a_5765M Hz 172 10480.000 32.4 +0.0 +0.0 +0.0 +0.0 +0.0 44.4 85.0 -40.6 Horiz Ave +38.0 +0.0 +0.0 +0.0 +0.0 44.3 85.0 -40.6 Horiz 173 10480.000 32.3 +0.0 +0.0 +0.0 +0.0 +0.0 44.3 85.0 -40.7 Vert M +0.0 +8.9 -36.2 +1.0 X_802.11a_5240M Hz Ave +38.0 +0.0 +0.0 +0.0 +0.0 55.4 85.0 -29.6 Vert M +0.0 +0.0 +0.0 +0.0 55.4 85.0 -29.6 Vert M +0.0 +0.0 +0.0 +0.0 55.4 85.0 -29.6 Vert M +0.0 +0.0 +0.0 +0.0											
M +0.0 +12.5 -33.6 +1.5 Z_802.11a_5765M Hz 172 10480.000 32.4 +0.0 +0.0 +0.0 +0.0 +0.0 44.4 85.0 -40.6 Horiz M +0.0 +8.9 -36.2 +1.0 Y_802.11a_5240M Hz 173 10480.000 32.3 +0.0 +0.0 +0.0 +0.0 +0.0 44.3 85.0 -40.7 Vert M +0.0 +8.9 -36.2 +1.0 X_802.11a_5240M Hz Ave +38.0 +0.0 +0.0 +0.0 +0.0 55.4 85.0 -29.6 Vert M +0.0 +8.9 -36.2 +1.0 X_802.11a_5240M Hz 175 10399.170 31.4 +0.0 +0.0 +0.0 +0.0 55.4 85.0 -29.6 Vert M +0.0 +0.0 +0.0 +0.0 40.0 43.3 85.0 -41.7 Vert M +0.0 +0.0 +0.0 +0.0 43.3 85.0 -41	^ 17301.000	32.8	+0.0	+0.0	+0.0	+0.0	+0.0	55.4		29.6	Vert
H41.9											
Hz			+41.9						Z_802.11a_576	55M	
M +0.0 +8.9 -36.2 +1.0 +1.0 Y_802.11a_5240M Paragraph									Hz		
Ave +38.0 +0.0 +0.3 Y_802.11a_5240M Hz 173 10480.000 32.3 +0.0 +0.0 +0.0 +0.0 +0.0 44.3 85.0 -40.7 Vert M +0.0 +8.9 -36.2 +1.0 X_802.11a_5240M Hz X_802.11a_5240M Hz Y_802.11a_5240M Hz Y_802.11a_5240M Hz Y_802.11a_5240M Hz Y_802.11a_5240M Hz Y_802.11a_5240M Hz Y_802.11a_5240M Yz Y_802	172 10480.000	32.4	+0.0	+0.0	+0.0	+0.0	+0.0	44.4	85.0	40.6	Horiz
Hz	M		+0.0	+8.9	-36.2	+1.0					
173 10480.000 32.3 +0.0 +0.0 +0.0 +0.0 +0.0 44.3 85.0 -40.7 Vert M +0.0 +8.9 -36.2 +1.0 Ave +38.0 +0.0 +0.0 +0.3	Ave		+38.0	+0.0	+0.3				Y_802.11a_524	40M	
M +0.0 +8.9 -36.2 +1.0 Ave +38.0 +0.0 +0.3 *** *** *** X_802.11a_5240M Hz ^ 10480.000 43.4 +0.0 +0.0 +0.0 +0.0 +0.0 55.4 85.0 -29.6 Vert M +0.0 +8.9 -36.2 +1.0 *** X_802.11a_5240M Hz *** <td< td=""><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></td<>											
Ave		32.3					+0.0	44.3	85.0	40.7	Vert
Hz	M					+1.0					
^ 10480.000 43.4 +0.0 +0.0 +0.0 +0.0 +0.0 55.4 85.0 -29.6 Vert M +0.0 +8.9 -36.2 +1.0 X_802.11a_5240M X_802.11a_5240M X_802.11a_5240M X_802.11a_5240M Yert X_802.11a_5240M Yert X_802.11a_5240M Yert X_802.11a_5240M Yert Yert X_802.11a_5240M Yert Ye	Ave		+38.0	+0.0	+0.3				X_802.11a_524	40M	
M											
+38.0 +0.0 +0.3		43.4					+0.0	55.4	85.0 -2	29.6	Vert
Hz	M					+1.0					
175 10399.170 31.4 +0.0 +0.0 +0.0 +0.0 +0.0 43.3 85.0 -41.7 Vert M +0.0 +8.8 -36.2 +1.0 Ave +38.0 +0.0 +0.3 Z_802.11a_5200M Hz ^ 10399.170 43.1 +0.0 +0.0 +0.0 +0.0 +0.0 55.0 85.0 -30.0 Vert M +0.0 +8.8 -36.2 +1.0 +38.0 +0.0 +0.3 Z_802.11a_5200M Z_802.11a_5200M			+38.0	+0.0	+0.3					40M	
M											
Ave +38.0 +0.0 +0.3 Z_802.11a_5200M Hz ^ 10399.170		31.4					+0.0	43.3	85.0	41.7	Vert
M +0.0 +0.0 +0.0 +0.0 +0.0 +0.0 55.0 85.0 -30.0 Vert M +0.0 +8.8 -36.2 +1.0 +38.0 +0.0 +0.3 Z_802.11a_5200M						+1.0			7 000 11 ===	201.5	
^ 10399.170	Ave		+38.0	+0.0	+0.3					ЮM	
M +0.0 +8.8 -36.2 +1.0 +38.0 +0.0 +0.3 Z_802.11a_5200M	4 40200 175	40.1								20.0	**
+38.0 +0.0 +0.3 Z_802.11a_5200M		43.1					+0.0	55.0	85.0	30.0	Vert
	M					+1.0			7 002 11 72	207.5	
Hz			+38.0	+0.0	+0.3					JUM	
									HZ		



	6986.667M	36.2	+0.0	+0.0	+0.0	+0.0	+0.0	42.8	85.0 -42.2	Vert
	Ave		+0.0	+6.7	-36.4	+0.8			Z_802.11a_5240M	
			+35.0	+0.0	+0.5				Hz	
^	6986.667M	42.9	+0.0	+0.0	+0.0	+0.0	+0.0	49.5	85.0 -35.5	Vert
			+0.0	+6.7	-36.4	+0.8			Z_802.11a_5240M	
			+35.0	+0.0	+0.5				Hz	
179	10360.000	30.9	+0.0	+0.0	+0.0	+0.0	+0.0	42.8	85.0 -42.2	Horiz
	M		+0.0	+8.8	-36.2	+1.0			** 000 11	
	Ave		+38.0	+0.0	+0.3				Y_802.11a_5180M	
٨	10360.000	42.8	+0.0	+0.0	+0.0	+0.0	+0.0	54.7	Hz 85.0 -30.3	Horiz
	M	12.0	+0.0	+8.8	-36.2	+1.0	10.0	31.7	05.0 50.5	HOHE
	111		+38.0	+0.0	+0.3	11.0			Y_802.11a_5180M	
			150.0	10.0	10.5				Hz	
181	550.000M	47.3	+0.0	+18.4	+0.4	+4.3	+0.0	42.8	85.0 -42.2	Horiz
	QP	17.5	-27.6	+0.0	+0.0	+0.0	10.0	12.0	03.0 12.2	HOHE
	χ-		+0.0	+0.0	+0.0	1 0.0				
182	10483.330	30.6	+0.0	+0.0	+0.0	+0.0	+0.0	42.6	85.0 -42.4	Vert
102	M	20.0	+0.0	+8.9	-36.2	+1.0	. 0.0	.2.0	12.1	. 010
	Ave		+38.0	+0.0	+0.3				Y_802.11a_5240M	
									Hz	
٨	10483.330	44.7	+0.0	+0.0	+0.0	+0.0	+0.0	56.7	85.0 -28.3	Vert
	M		+0.0	+8.9	-36.2	+1.0				
			+38.0	+0.0	+0.3				Y_802.11a_5240M	
									Hz	
184	550.000M	47.0	+0.0	+18.4	+0.4	+4.3	+0.0	42.5	85.0 -42.5	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	85.0 -39.9	Horiz
			-27.6	+0.0	+0.0	+0.0				
			+0.0	+0.0	+0.0					
٨	550.000M	48.3	+0.0	+18.4	+0.4	+4.3	+0.0	43.8	85.0 -41.2	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	85.0 -53.1	Horiz
			-27.6	+0.0	+0.0	+0.0				
			+0.0	+0.0	+0.0					
188	6933.483M	36.1		+0.0	+0.0	+0.0	+0.0	42.5		Vert
	Ave		+0.0	+6.7	-36.5	+0.8			Z_802.11a_5200M	
			+34.9	+0.0	+0.5				Hz	
٨	6933.483M	44.1	+0.0	+0.0	+0.0	+0.0	+0.0	50.5	85.0 -34.5	Vert
			+0.0	+6.7	-36.5	+0.8			Z_802.11a_5200M	
			+34.9	+0.0	+0.5				Hz	
190	10360.000	30.5	+0.0	+0.0	+0.0	+0.0	+0.0	42.4	85.0 -42.6	Vert
	M		+0.0	+8.8	-36.2	+1.0				
	Ave		+38.0	+0.0	+0.3				Z_802.11a_5180M	
									Hz	
191	10400.000	30.4	+0.0	+0.0	+0.0	+0.0	+0.0	42.3	85.0 -42.7	Vert
	M		+0.0	+8.8	-36.2	+1.0				
	Ave		+38.0	+0.0	+0.3				Y_802.11a_5200M	
									Hz	



102	15225 000	20.1	0.0	0.0	0.0	0.0	10.0	40.0	07.0	10.7	
192	17235.000	30.1	+0.0	+0.0	+0.0	+0.0	-10.0	42.3	85.0	-42.7	Horiz
	M		+0.0	+12.5	-33.7	+1.5			V 000 11 . 5	74514	
	Ave		+41.6	+0.0	+0.3				Y_802.11a_5 Hz	145M	
193	10360.000	30.3	+0.0	+0.0	+0.0	+0.0	+0.0	42.2	85.0	-42.8	Vert
173	M	30.3	+0.0	+8.8	-36.2	+1.0	10.0	72.2	05.0	- 4 2.0	VCIT
	Ave		+38.0	+0.0	+0.3	11.0			Y_802.11a_5	180M	
									Hz		
^	10360.000	43.3	+0.0	+0.0	+0.0	+0.0	+0.0	55.2	85.0	-29.8	Vert
	M		+0.0	+8.8	-36.2	+1.0					
			+38.0	+0.0	+0.3				Z_802.11a_5	180M	
	10260.000	42.2	0.0	0.0	0.0	0.0	0.0	55.0	Hz	20.0	T 7
٨	10500.000	43.3	+0.0	+0.0	+0.0	+0.0	+0.0	55.2	85.0	-29.8	Vert
	M		+0.0	+8.8	-36.2	+1.0			V 902 11 a 5	1001/	
			+38.0	+0.0	+0.3				Y_802.11a_5 Hz	100101	
196	800.000M	40.3	+0.0	+22.5	+0.4	+5.3	+0.0	41.3	85.0	-43.7	Horiz
	QP	.0.5	-27.2	+0.0	+0.0	+0.0	. 0.0	.1.3	05.0	,	110112
	C -		+0.0	+0.0	+0.0						
٨	800.000M	43.3	+0.0	+22.5	+0.4	+5.3	+0.0	44.3	85.0	-40.7	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	85.0	-42.4	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	85.0	-43.9	Horiz
			-27.2	+0.0	+0.0	+0.0					
• • • •			+0.0	+0.0	+0.0			40.0			
	6933.333M	34.5	+0.0	+0.0	+0.0	+0.0	+0.0	40.9	85.0	-44.1	Horiz
	Ave		+0.0 +34.9	$+6.7 \\ +0.0$	-36.5	+0.8			Y_802.11a_5	200M	
^	6933.333M	42.4	+34.9	+0.0	+0.5	+0.0	+0.0	48.8	Hz 85.0	-36.2	Horiz
	0933.333101	42.4	+0.0 +0.0	+6.7	-36.5	+0.0	+0.0	40.0	Y_802.11a_5		ПОПЕ
			+34.9	+0.7	+0.5	+0.6			Hz	200IVI	
202	10400.000	28.9	+0.0	+0.0	+0.0	+0.0	+0.0	40.8	85.0	-44.2	Horiz
202	M	20.7	+0.0	+8.8	-36.2	+1.0	10.0	40.0	03.0	77.2	HOHZ
	Ave		+38.0	+0.0	+0.3				X_802.11a_5	200M	
									Hz		
٨	10400.000	48.7	+0.0	+0.0	+0.0	+0.0	+0.0	60.6	85.0	-24.4	Horiz
	M		+0.0	+8.8	-36.2	+1.0					
			+38.0	+0.0	+0.3				Z_802.11a_5	200M	
									Hz		
٨	10400.000	46.5	+0.0	+0.0	+0.0	+0.0	+0.0	58.4	85.0	-26.6	Horiz
	M		+0.0	+8.8	-36.2	+1.0			V 000 11 5	2003.4	
			+38.0	+0.0	+0.3				Y_802.11a_5	200M	
٨	10400.000	12.6	ΙΔ Δ	100	ΙΟ Ο	10.0	+ O O	515	Hz es o	20.5	Lloria
^	10400.000 M	42.6	$+0.0 \\ +0.0$	$+0.0 \\ +8.8$	+0.0 -36.2	$+0.0 \\ +1.0$	+0.0	54.5	85.0	-30.5	Horiz
	1V1		+38.0	+0.0	-30.2 +0.3	+1.0			X_802.11a_5	200M	
			±30.0	+0.0	±0.3				A_602.11a_5 Hz	200IVI	
									114		



206	6006 500M	24.0	ι Ο Ο	ι Ο Ο	+ O O	+ O O	+ O O	40.4	95.0	116	Homin
	6906.500M	34.0	$+0.0 \\ +0.0$	+0.0	+0.0	+0.0	+0.0	40.4	85.0 V 802.11a	-44.6	Horiz
	Ave		+34.9	$+6.7 \\ +0.0$	-36.5 +0.5	+0.8			Y_802.11a_ Hz	3180W	
	6906.567M	47.6	+0.0	+0.0	+0.0	+0.0	+0.0	54.0	85.0	-31.0	Horiz
	0900.307W	47.0	+0.0 +0.0	+6.7	-36.5	+0.8	+0.0	34.0	Z_802.11a_		HOHZ
			+34.9	+0.7	+0.5	+0.6			L_602.11a_ Hz	J 1001 V 1	
^	6906.500M	43.5	+0.0	+0.0	+0.0	+0.0	+0.0	49.9	85.0	-35.1	Horiz
	0700.300IVI	73.3	+0.0	+6.7	-36.5	+0.8	10.0	77.7	Y_802.11a_		HOHZ
			+34.9	+0.0	+0.5	10.0			Hz	_5100IVI	
209	6986.633M	33.8	+0.0	+0.0	+0.0	+0.0	+0.0	40.4	85.0	-44.6	Horiz
	Ave	33.0	+0.0	+6.7	-36.4	+0.8	10.0	10.1	Y_802.11a_		HOHE
	11,0		+35.0	+0.0	+0.5	. 0.0			Hz	.02.01.1	
٨	6986.667M	47.0	+0.0	+0.0	+0.0	+0.0	+0.0	53.6	85.0	-31.4	Horiz
	0,00.00,1.1	.,,,	+0.0	+6.7	-36.4	+0.8		00.0	Z_802.11a_		110112
			+35.0	+0.0	+0.5				Hz		
٨	6986.633M	42.6	+0.0	+0.0	+0.0	+0.0	+0.0	49.2	85.0	-35.8	Horiz
			+0.0	+6.7	-36.4	+0.8			Y_802.11a_		
			+35.0	+0.0	+0.5				Hz	-	
212	550.000M	43.4	+0.0	+18.4	+0.4	+4.3	+0.0	38.9	85.0	-46.1	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	85.0	-44.3	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	85.0	-47.5	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	85.0	-48.3	Vert
			-27.6	+0.0	+0.0	+0.0					
			+0.0	+0.0	+0.0						
216		37.7	+0.0	+22.5	+0.4	+5.3	+0.0	38.7	85.0	-46.3	Vert
	QP		-27.2	+0.0	+0.0	+0.0					
			+0.0	+0.0	+0.0						
٨	800.000M	40.9	+0.0	+22.5	+0.4	+5.3	+0.0	41.9	85.0	-43.1	Vert
			-27.2	+0.0	+0.0	+0.0					
			+0.0	+0.0	+0.0						
٨	800.000M	39.9	+0.0	+22.5	+0.4	+5.3	+0.0	40.9	85.0	-44.1	Vert
			-27.2	+0.0	+0.0	+0.0					
	000 0001 4	27.6	+0.0	+0.0	+0.0		0.0	20.6	07.0	46.4	T. 7
٨	800.000M	37.6	+0.0	+22.5	+0.4	+5.3	+0.0	38.6	85.0	-46.4	Vert
			-27.2	+0.0	+0.0	+0.0					
220	275 0013 4	45.0	+0.0	+0.0	+0.0	.2.5	.0.0	20.7	05.0	1.6.4	T 7
220	375.001M	45.2	+0.0	+17.3	+0.4	+3.5	+0.0	38.6	85.0	-46.4	Vert
			-27.8	+0.0	+0.0	+0.0					
221	161 010M	45.0	+0.0	+0.0	+0.0	120	ι Ο Ο	20.2	95 A	16 0	Vont
221	464.949M	45.0	+0.0	+16.8	+0.3	+3.9	+0.0	38.2	85.0	-46.8	Vert
			-27.8	+0.0	+0.0	+0.0					
222	940 040M	25 /	+0.0	+0.0	+0.0	+5.5	ι Ο Ο	27.0	95 A	47.2	Цота
222	849.960M	35.4	+0.0 -27.0	$+23.2 \\ +0.0$	$+0.7 \\ +0.0$	+5.5 +0.0	+0.0	37.8	85.0	-47.2	Horiz
			-27.0 +0.0	+0.0	+0.0 +0.0	+0.0					
<u> </u>			+0.0	±0.0	±0.0						

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223 800	1010M	36.6	+ΩΩ	+22.5	+0.4	15.2	ι Ο Ο	37.6	85.0	-47.4	Horiz
	J.UTUNI	30.0	+0.0		+0.4	+5.3	+0.0	37.0	83.0	-47.4	попх
QP			-27.2 +0.0	$^{+0.0}_{+0.0}$	$^{+0.0}_{+0.0}$	+0.0					
224 2322	26.670	38.6	+0.0	+0.0	+0.0	+0.0	-10.0	37.6	85.0	-47.4	Vert
	20.070 M	36.0	+0.0	+0.0	-32.5	+1.7	-10.0	37.0	65.0	-47.4	VCIT
Ave	1V1		+0.0	+39.8	+0.0	⊤1.7					
^ 2322	26.670	51.1	+0.0	+0.0	+0.0	+0.0	-10.0	50.1	85.0	-34.9	Vert
	M	31.1	+0.0	+0.0	-32.5	+1.7	-10.0	30.1	05.0	-34.7	VCIT
	141		+0.0	+39.8	+0.0	11.7					
226 449	0.983M	44.1	+0.0	+16.6	+0.3	+3.8	+0.0	37.0	85.0	-48.0	Horiz
220 77)		77.1	-27.8	+0.0	+0.0	+0.0	10.0	37.0	05.0	-40.0	110112
			+0.0	+0.0	+0.0	10.0					
227 900	0.000M	33.8	+0.0	+23.8	+0.7	+5.7	+0.0	36.8	85.0	-48.2	Vert
221)00	.0001	33.0	-27.2	+0.0	+0.0	+0.0	10.0	30.0	05.0	-40.2	VCIT
			+0.0	+0.0	+0.0	10.0					
228 225	5.020M	43.4	+17.9	+0.0	+0.3	+2.6	+0.0	36.3	85.0	-48.7	Vert
220 223	.020111	75.7	-27.9	+0.0	+0.0	+0.0	10.0	30.3	05.0	40.7	VCIT
			+0.0	+0.0	+0.0	10.0					
229 449	0.966M	43.2	+0.0	+16.6	+0.3	+3.8	+0.0	36.1	85.0	-48.9	Vert
225 115	., 001,1	13.2	-27.8	+0.0	+0.0	+0.0	10.0	30.1	05.0	10.5	, 611
			+0.0	+0.0	+0.0	. 0.0					
230 700	0.000M	34.2	+0.0	+23.5	+0.5	+4.9	+0.0	35.8	85.0	-49.2	Vert
			-27.3	+0.0	+0.0	+0.0					
			+0.0	+0.0	+0.0						
231 225	5.000M	42.8	+17.9	+0.0	+0.3	+2.6	+0.0	35.7	85.0	-49.3	Horiz
			-27.9	+0.0	+0.0	+0.0					
			+0.0	+0.0	+0.0						
232 500	0.000M	41.5	+0.0	+17.4	+0.4	+4.1	+0.0	35.6	85.0	-49.4	Vert
			-27.8	+0.0	+0.0	+0.0					
			+0.0	+0.0	+0.0						
233 349	.994M	40.5	+0.0	+18.9	+0.3	+3.3	+0.0	35.2	85.0	-49.8	Horiz
			-27.8	+0.0	+0.0	+0.0					
			+0.0	+0.0	+0.0						
234 700	0.017M	33.2	+0.0	+23.5	+0.5	+4.9	+0.0	34.8	85.0	-50.2	Horiz
			-27.3	+0.0	+0.0	+0.0					
			+0.0	+0.0	+0.0						
235 599	.983M	37.7	+0.0	+19.4	+0.5	+4.5	+0.0	34.7	85.0	-50.3	Horiz
			-27.4	+0.0	+0.0	+0.0					
			+0.0	+0.0	+0.0						
236 900	0.010M	31.2	+0.0	+23.8	+0.7	+5.7	+0.0	34.2	85.0	-50.8	Horiz
			-27.2	+0.0	+0.0	+0.0					
			+0.0	+0.0	+0.0						
237 292	2.520M	35.8	+22.8	+0.0	+0.3	+3.0	+0.0	34.1	85.0	-50.9	Horiz
			-27.8	+0.0	+0.0	+0.0					
		4.6	+0.0	+0.0	+0.0				0.5		
238 375	5.000M	40.2	+0.0	+17.3	+0.4	+3.5	+0.0	33.6	85.0	-51.4	Horiz
			-27.8	+0.0	+0.0	+0.0					
220 115		16.7	+0.0	+0.0	+0.0	•	0.0	22.2	0.50		**
239 442	2.999M	40.5	+0.0	+16.5	+0.3	+3.8	+0.0	33.3	85.0	-51.7	Vert
			-27.8	+0.0	+0.0	+0.0					
			+0.0	+0.0	+0.0						



240 415.030M 41.0 +0.0 +16.0 +0.4 +3.7 +0.0 33.3 85.0 -51.7 Vert -27.8 +0.0 +0.0 +0.0 +0.0 +0.0 +0.0 241 384.033M 40.5 +0.0 +16.7 +0.4 +3.5 +0.0 33.3 85.0 -51.7 Horiz -27.8 +0.0 +0.0 +0.0 +0.0 +0.0 +0.0 242 224.960M 40.2 +17.9 +0.0 +0.3 +2.6 +0.0 33.1 85.0 -51.9 Horiz -27.9 +0.0 +0.0 +0.0 +0.0 +0.0 +0.0 243 374.083M 39.9 +0.0 +17.3 +0.3 +3.4 +0.0 33.1 85.0 -51.9 Horiz
+0.0 +0.0 +0.0 +0.0 241 384.033M
241 384.033M
-27.8 +0.0 +0.0 +0.0 +0.0 +0.0 +0.0 242 224.960M 40.2 +17.9 +0.0 +0.3 +2.6 +0.0 33.1 85.0 -51.9 Horiz -27.9 +0.0 +0.0 +0.0 +0.0 +0.0 +0.0
+0.0 +0.0 +0.0 242 224.960M 40.2 +17.9 +0.0 +0.3 +2.6 +0.0 33.1 85.0 -51.9 Horiz -27.9 +0.0 +0.0 +0.0 +0.0 +0.0 +0.0
242 224.960M 40.2 +17.9 +0.0 +0.3 +2.6 +0.0 33.1 85.0 -51.9 Horiz -27.9 +0.0 +0.0 +0.0 +0.0 +0.0 +0.0 +0.0
-27.9 +0.0 +0.0 +0.0 +0.0 +0.0 +0.0 +0.0
+0.0 +0.0 +0.0
243 3/4.083M 39.9 +0.0 +1/.3 +0.3 +3.4 +0.0 33.1 85.0 -51.9 Horiz
27.9 .00 .00
-27.8 +0.0 +0.0 +0.0 +0.0
+0.0 +0.0 +0.0
244 287.000M 35.4 +22.3 +0.0 +0.3 +2.9 +0.0 33.1 85.0 -51.9 Vert
-27.8 +0.0 +0.0 +0.0 +0.0
+0.0 +0.0 +0.0 245 475 882M 20.4 +0.0 +17.0 +0.4 +4.0 +0.0 22.0 85.0 52.0 Horiz
245 475.883M 39.4 +0.0 +17.0 +0.4 +4.0 +0.0 33.0 85.0 -52.0 Horiz -27.8 +0.0 +0.0 +0.0
$ \begin{array}{rrrrrrrrrrrrrrrrrrrrrrrrrrrrrrrrrrrr$
246 473.982M 39.5 +0.0 +17.0 +0.3 +3.9 +0.0 32.9 85.0 -52.1 Vert
$\begin{array}{cccccccccccccccccccccccccccccccccccc$
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247 229.010M 39.8 +18.0 +0.0 +0.3 +2.6 +0.0 32.8 85.0 -52.2 Vert
$\begin{array}{cccccccccccccccccccccccccccccccccccc$
+0.0 +0.0 +0.0
248 424.075M 40.1 +0.0 +16.1 +0.4 +3.7 +0.0 32.5 85.0 -52.5 Horiz
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+0.0 +0.0 +0.0
249 229.030M 39.5 +18.0 +0.0 +0.3 +2.6 +0.0 32.5 85.0 -52.5 Horiz
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+0.0 +0.0 +0.0
250 700.033M 30.8 +0.0 +23.5 +0.5 +4.9 +0.0 32.4 85.0 -52.6 Horiz
-27.3 +0.0 +0.0 +0.0
+0.0 +0.0 +0.0
251 427.049M 39.9 +0.0 +16.2 +0.3 +3.7 +0.0 32.3 85.0 -52.7 Vert
-27.8 +0.0 +0.0 +0.0
+0.0 +0.0 +0.0
252 456.966M 38.9 +0.0 +16.7 +0.3 +3.8 +0.0 31.9 85.0 -53.1 Vert
-27.8 +0.0 +0.0 +0.0
+0.0 +0.0 +0.0
253 499.997M 37.3 +0.0 +17.4 +0.4 +4.1 +0.0 31.4 85.0 -53.6 Horiz
-27.8 +0.0 +0.0 +0.0
+0.0 +0.0 +0.0
254 524.942M 36.6 +0.0 +17.9 +0.4 +4.2 +0.0 31.4 85.0 -53.6 Horiz
-27.7 +0.0 +0.0 +0.0
+0.0 +0.0 +0.0
255 450.008M 38.3 +0.0 +16.6 +0.3 +3.8 +0.0 31.2 85.0 -53.8 Horiz
-27.8 +0.0 +0.0 +0.0
+0.0 +0.0 +0.0
256 464.433M 38.0 +0.0 +16.8 +0.3 +3.9 +0.0 31.2 85.0 -53.8 Horiz
-27.8 +0.0 +0.0 +0.0
+0.0 +0.0 +0.0



r											
257	426.200M	38.8	+0.0	+16.2	+0.3	+3.7	+0.0	31.2	85.0	-53.8	Vert
			-27.8	+0.0	+0.0	+0.0					
			+0.0	+0.0	+0.0						
258	432.930M	38.6	+0.0	+16.3	+0.3	+3.7	+0.0	31.1	85.0	-53.9	Vert
			-27.8	+0.0	+0.0	+0.0					
			+0.0	+0.0	+0.0						
259	424.100M	38.1	+0.0	+16.1	+0.4	+3.7	+0.0	30.5	85.0	-54.5	Vert
			-27.8	+0.0	+0.0	+0.0					
			+0.0	+0.0	+0.0						
260	228.950M	37.3	+18.0	+0.0	+0.3	+2.6	+0.0	30.3	85.0	-54.7	Vert
			-27.9	+0.0	+0.0	+0.0					
2.51	2 (7 7 7 2) 1	26.4	+0.0	+0.0	+0.0		0.0	20.1	07.0	7.1. 0	**
261	367.550M	36.4	+0.0	+17.8	+0.3	+3.4	+0.0	30.1	85.0	-54.9	Vert
			-27.8	+0.0	+0.0	+0.0					
262	206 4423 4	27.2	+0.0	+0.0	+0.0	.2.5	.0.0	20.0	05.0	<i>57</i> 1	TT. *
262	386.442M	37.3	+0.0	+16.5	+0.4	+3.5	+0.0	29.9	85.0	-55.1	Horiz
			-27.8	+0.0	+0.0	+0.0					
262	510 070M	25.6	+0.0	+0.0	+0.0	₊ A 1	ΙΟ Ο	20.0	05.0	<i>55</i> 1	Vant
263	510.970M	35.6	+0.0	+17.6	+0.4	+4.1	+0.0	29.9	85.0	-55.1	Vert
			-27.8 +0.0	+0.0	+0.0	+0.0					
264	364.900M	35.9	+0.0	+0.0	+0.0	+3.4	+0.0	29.7	85.0	-55.3	Vert
204	304.900M	33.9	+0.0 -27.8	+17.9	+0.3		+0.0	29.1	83.0	-33.3	vert
			-27.8 +0.0	+0.0	+0.0 +0.0	+0.0					
265	352.017M	35.0	+0.0	+18.8	+0.0	+3.3	+0.0	29.6	85.0	-55.4	Horiz
203	332.01/IVI	33.0	-27.8	+10.0	+0.3	+0.0	+0.0	∠J.U	05.0	-55. 4	110112
			+0.0	+0.0	+0.0	10.0					
266	491.970M	35.6	+0.0	+17.3	+0.4	+4.1	+0.0	29.6	85.0	-55.4	Vert
200	171.7/0141	55.0	-27.8	+0.0	+0.0	+0.0	10.0	27.0	05.0	55.7	, 011
			+0.0	+0.0	+0.0	1 3.0					
267	515.066M	34.9	+0.0	+17.7	+0.4	+4.2	+0.0	29.5	85.0	-55.5	Vert
	3 - 2 1 3 3 3 2 1 2		-27.7	+0.0	+0.0	+0.0		_,	22.0		
			+0.0	+0.0	+0.0						
268	380.983M	36.5	+0.0	+16.9	+0.4	+3.5	+0.0	29.5	85.0	-55.5	Vert
			-27.8	+0.0	+0.0	+0.0					
			+0.0	+0.0	+0.0						
269	476.275M	35.8	+0.0	+17.0	+0.4	+4.0	+0.0	29.4	85.0	-55.6	Horiz
			-27.8	+0.0	+0.0	+0.0					
			+0.0	+0.0	+0.0						
270	523.770M	34.3	+0.0	+17.9	+0.4	+4.2	+0.0	29.1	85.0	-55.9	Vert
			-27.7	+0.0	+0.0	+0.0					
			+0.0	+0.0	+0.0						
271	480.130M	35.2	+0.0	+17.1	+0.4	+4.0	+0.0	28.9	85.0	-56.1	Vert
			-27.8	+0.0	+0.0	+0.0					
			+0.0	+0.0	+0.0						
272	542.030M	33.5	+0.0	+18.3	+0.4	+4.3	+0.0	28.9	85.0	-56.1	Vert
			-27.6	+0.0	+0.0	+0.0					
			+0.0	+0.0	+0.0						
273	437.449M	36.1	+0.0	+16.4	+0.3	+3.8	+0.0	28.8	85.0	-56.2	Vert
			-27.8	+0.0	+0.0	+0.0					
			+0.0	+0.0	+0.0						



274	375.418M	35.4	+0.0	+17.2	+0.4	+3.5	+0.0	28.7	85.0	-56.3	Horiz
			-27.8	+0.0	+0.0	+0.0					
			+0.0	+0.0	+0.0						
275	436.950M	36.0	+0.0	+16.4	+0.3	+3.8	+0.0	28.7	85.0	-56.3	Horiz
			-27.8	+0.0	+0.0	+0.0					
			+0.0	+0.0	+0.0						
276	410.999M	36.5	+0.0	+15.9	+0.4	+3.6	+0.0	28.6	85.0	-56.4	Vert
			-27.8	+0.0	+0.0	+0.0					
			+0.0	+0.0	+0.0						
277	393.017M	36.3	+0.0	+16.1	+0.4	+3.6	+0.0	28.6	85.0	-56.4	Vert
			-27.8	+0.0	+0.0	+0.0					
			+0.0	+0.0	+0.0						
278	467.370M	35.0	+0.0	+16.9	+0.3	+3.9	+0.0	28.3	85.0	-56.7	Vert
			-27.8	+0.0	+0.0	+0.0					
			+0.0	+0.0	+0.0						
279	524.283M	33.2	+0.0	+17.9	+0.4	+4.2	+0.0	28.0	85.0	-57.0	Horiz
			-27.7	+0.0	+0.0	+0.0					
			+0.0	+0.0	+0.0						
280	369.690M	34.1	+0.0	+17.6	+0.3	+3.4	+0.0	27.6	85.0	-57.4	Horiz
			-27.8	+0.0	+0.0	+0.0					
			+0.0	+0.0	+0.0						
281	450.563M	34.6	+0.0	+16.6	+0.3	+3.8	+0.0	27.5	85.0	-57.5	Horiz
			-27.8	+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	85.0	-58.4	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	85.0	-58.4	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	85.0	-58.5	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	85.0	-58.6	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	85.0	-58.6	Horiz
			-27.8	+0.0	+0.0	+0.0					
			+0.0	+0.0	+0.0						



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

Customer: Silex Technology, America, Inc. Specification: FCC 15.407 (b)(7) / (15.205)

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

Model: SX-SDCAG

S/N: ED

Test Equipment:

1 est 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:

$\sim r_F$			<u>.</u>
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.		

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.

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

Freq: 5.15 - 5.25GHz, 5.725 - 5.825GHz

Tx Frequency: 5180MHz, 5200MHz, 5240MHz, 5745MHz, 5765MHz, 5805MHz.

Modulation: 802.11 a (54 mbps), Ch 36,40,48, 149, 153, 161.

Firmware Power setting: 16, 16, 16, 15, 15, 16

Power = 13.3 dBm (0.0214W) ,13.2dBm (0.0209W), 13.3dBm (0.0214), 12.6dBm(0.0182), 12.6dBm (0.0182W),

13.0dBm(0.0200W)

Antenna Manufacturer: Pulse

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

Transmit via Antenna #1

17°C, 41% relative humidity

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

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:

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

Measu	ırement Data:	Re	eading lis	ted by ma	argin.		Τe	est Distanc	e: 3 Meters		
#	Freq	Rdng	T1	T2	T3	T4	Dist	Corr	Spec	Margin	Polar
			T5	T6							
	MHz	dΒμV	dB	dB	dB	dB	Table	$dB\muV/m$	$dB\mu V/m$	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	l	
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							
	Ave								Z_802.11a		
^	11615.450	49.2	+9.6	-35.9	+1.1	+38.8	+0.0	63.2	54.0	+9.2	Horiz
	M		+0.0	+0.4							
									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							
	Ave								Y_802.11a	l	

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<u> </u>										
6 11608.760	34.1		-35.9	+1.1	+38.8	+0.0	48.1	54.0	-5.9	Vert
M		+0.0	+0.4					V 000 11		
Ave	45.7	.0.6	25.0	. 1 1	. 20.0	+0.0	59.7	Y_802.11a	. 5 7	V 74
^ 11608.760	45.7	+9.6 +0.0	-35.9 +0.4	+1.1	+38.8	+0.0	39.7	54.0	+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		-6.1	Horiz
M	33.7	+0.0	+0.4	11.1	130.0	10.0	47.7	54.0	0.1	HOHZ
Ave		10.0	10.1					X_802.11a		
^ 11611.340	47.6	+9.6	-35.9	+1.1	+38.8	+0.0	61.6		+7.6	Horiz
M		+0.0	+0.4							
								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							
								X_802.11a		
11 11610.500	33.9	+9.6	-35.9	+1.1	+38.8	+0.0	47.9	54.0	-6.1	Vert
M		+0.0	+0.4					7 902 11		
Ave	46.9	+9.6	-35.9	+1.1	1200	+0.0	60.0	Z_802.11a	+6.9	Vont
^ 11610.500 M	40.9	+9.0 +0.0	-33.9 +0.4	+1.1	+38.8	+0.0	60.9	54.0	+0.9	Vert
IVI		+0.0	±0. 4					Z_802.11a		
13 15601.400	28.0	+11.8	-34.6	+1.4	+38.0	+0.0	45.1		-8.9	Vert
M	20.0	+0.0	+0.5		150.0	10.0	13.1	3	0.7	, 611
Ave								Z_802.11a		
14 11530.000	30.7	+9.6	-35.9	+1.1	+38.8	+0.0	44.7		-9.3	Vert
M		+0.0	+0.4							
Ave								Y_802.11a		
15 11530.000	30.5	+9.6	-35.9	+1.1	+38.8	+0.0	44.5	54.0	-9.5	Vert
M		+0.0	+0.4					7 002 11		
Ave	440	0.5	27.0		20.0	0.0	70.0	Z_802.11a	4.0	**
^ 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					7 902 110		
^ 11530.000	43.8	+9.6	-35.9	+1.1	+38.8	+0.0	57.8	Z_802.11a 54.0	+3.8	Vert
M	43.6	+0.0	+0.4	+1.1	+30.0	+0.0	37.6	34.0	+3.6	Vert
171		10.0	10.4					Y_802.11a		
^ 11530.000	42.0	+9.6	-35.9	+1.1	+38.8	+0.0	56.0		+2.0	Vert
M		+0.0								
								X_802.11a		
19 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								Y_802.11a		
20 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					V 000 11		
Ave	20.1	10.6	25.0	, 1 1	120.0	ι Ο Ο	441	Y_802.11a	0.0	Heni-
21 11490.500 M	30.1	+9.6 +0.0	-35.9 +0.4	+1.1	+38.8	+0.0	44.1	54.0	-9.9	Horiz
Ave		+0.0	+0.4					Z_802.11a		
22 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	11.1	1 20.0	10.0	77.0	27.0	10.0	110112
Ave		. 0.0						Y_802.11a		
-										



22	11400 500	30.0	+9.6	-35.9	+1.1	1200	+0.0	44.0	540	10.0	Homin
23	11490.500 M	30.0	+9.6 +0.0	-33.9 +0.4	+1.1	+38.8	+0.0	44.0	54.0	-10.0	Horiz
	Ave		+0.0	+0.4					Y_802.11a		
-	11530.000	29.6	+9.6	-35.9	+1.1	+38.8	+0.0	43.6		-10.4	Horiz
	M	_,,,	+0.0	+0.4							
	Ave								Z_802.11a		
^	11530.000	43.3	+9.6	-35.9	+1.1	+38.8	+0.0	57.3	54.0	+3.3	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	54.0	+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		-1.5	Horiz
	M	30.3	+0.0	+0.4	⊤1.1	+30.0	+0.0	32.3	34.0	-1.5	110112
	141		10.0	10.1					X_802.11a		
28	15540.290	26.4	+11.7	-34.6	+1.4	+38.0	+0.0	43.4		-10.6	Horiz
	M		+0.0	+0.5							
	Ave								Z_802.11a		
^	15540.330	39.4	+11.7	-34.6	+1.4	+38.0	+0.0	56.4	54.0	+2.4	Horiz
	M		+0.0	+0.5					V 000 11		
_	15540 200	20.0	. 11.7	24.6	. 1 4	. 20. 0	. 0. 0	55.0	Y_802.11a	. 1.0	TT '
^	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		
^	15540.370	36.9	+11.7	-34.6	+1.4	+38.0	+0.0	53.9		-0.1	Horiz
	M	30.7	+0.0	+0.5	11.1	130.0	10.0	55.7	3 1.0	0.1	HOHE
									X_802.11a		
32	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							
	Ave								Z_802.11a		
33	15540.330	26.1	+11.7	-34.6	+1.4	+38.0	+0.0	43.1	54.0	-10.9	Vert
	M Ave		+0.0	+0.5					V 902 11a		
		25.4	+11.7	-34.6	+ 1 <i>A</i>	+38.0	+0.0	12.4	Y_802.11a 54.0	-11.6	Horiz
34	M	23.4	+0.0	+0.5	±1. 4	+36.0	+0.0	42.4	34.0	-11.0	HOHZ
	Ave		10.0	10.5					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		
٨	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 A	120.0	+ O O	5 (1	Z_802.11a	12.1	17
^	15601.400 M	39.0	$+11.8 \\ +0.0$	-34.6 +0.5	+1.4	+38.0	+0.0	56.1	54.0	+2.1	Vert
	171		+0.0	±0.3					Y_802.11a		
٨	15601.400	38.4	+11.8	-34.6	+1.4	+38.0	+0.0	55.5	54.0	+1.5	Vert
	M	20	+0.0	+0.5							
									X_802.11a		
39	15540.330	25.3	+11.7	-34.6	+1.4	+38.0	+0.0	42.3	54.0	-11.7	Vert
1	M		+0.0	+0.5							
	Ave		+0.0	+0.5					X_802.11a		



-											
40 156		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		
41 155		25.2	+11.7	-34.6	+1.4	+38.0	+0.0	42.2	54.0	-11.8	Vert
			+0.0	+0.5							
Ave									Z_802.11a		
^ 155	40.330	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		
^ 155	40.300	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		
^ 155	40.330	35.3	+11.7	-34.6	+1.4	+38.0	+0.0	52.3	54.0	-1.7	Vert
	M		+0.0	+0.5							
									X_802.11a		
45 114		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		
	90.500	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		
	90.500	44.0	+9.6	-35.9	+1.1	+38.8	+0.0	58.0	54.0	+4.0	Vert
	M		+0.0	+0.4					** 00* 44		
									X_802.11a		
	90.500	42.3	+9.6	-35.9	+1.1	+38.8	+0.0	56.3	54.0	+2.3	Vert
	M		+0.0	+0.4							
									Z_802.11a		
49 157		24.8	+11.8	-34.4	+1.4	+38.0	+0.0	42.1	54.0	-11.9	Vert
	M		+0.0	+0.5					W 000 11		
Ave		27.0	11.0	24.5		20.0	0.0	10.1	X_802.11a	110	** .
50 156		25.0	+11.8	-34.6	+1.4	+38.0	+0.0	42.1	54.0	-11.9	Horiz
A			+0.0	+0.5					V 000 11.		
Ave		40.0	11.0	24.6	1 1	20.0	0.0	57.0	X_802.11a	2.0	TT .
	01.400	40.8	+11.8	-34.6	+1.4	+38.0	+0.0	57.9	54.0	+3.9	Horiz
	M		+0.0	+0.5					V 900 11.		
A 156	01 400	38.4	+11.8	-34.6	. 1 . 4	. 20. 0	. 0. 0	55.5	Y_802.11a	. 1. 7	TT '
	01.400				+1.4	+38.0	+0.0	55.5	54.0	+1.5	Horiz
	IVI		+0.0	+0.5					7 902 110		
A 150	01.400	27.4	1110	24.6	, 1 A	1200	+0.0	515	Z_802.11a	10.5	II.a.:i
, 156	01.400 M	37.4	+11.8	-34.6	+1.4	+38.0	+0.0	54.5	54.0	+0.5	Horiz
	IVI		+0.0	+0.5					V 902 11a		
54 157	10 220	24.7	+11.8	-34.4	+1.4	+38.0	+0.0	42.0	X_802.11a 54.0	-12.0	Horiz
34 13/	19.330 M	24.7	+11.8 $+0.0$	-34.4 +0.5	+1.4	+38.0	+0.0	42.U	34.0	-12.0	HOHZ
Ave			+0.0	+0.5					Z_802.11a		
	19.330	39.6	+11.8	-34.4	+1.4	+38.0	+0.0	56.9	54.0	+2.9	Horiz
13/	19.330 M	39.0	+11.8 $+0.0$	-34.4 +0.5	+1.4	+38.0	+0.0	50.9	34.0	+2.9	HOHZ
	141		+0.0	+0.5					Z_802.11a		
^ 157	19.330	37.4	+11.8	-34.4	+1.4	+38.0	+0.0	54.7	54.0	+0.7	Horiz
13/	19.330 M	31.4	+11.8 $+0.0$	-34.4 +0.5	+1.4	+30.0	+0.0	34.1	34.0	+0.7	110112
	171		+0.0	+0.3					Y 802 11a		
<u></u>									X_802.11a		



A 15719.330
S8 15719.330
S8 15719.330
M Ave +0.0 +0.5 Ave 2_802.11a ^ 15719.330 38.1 +11.8 -34.4 +0.0 +0.5 M +0.0 +0.5 +0.5 +0.5 +0.0 +0.0 55.4 54.0 +1.4 Vert ^ 15719.330 37.5 +11.8 -34.4 +0.0 +0.0 M +0.0 +0.5 +0.5 +0.0 +0.0 54.8 54.0 +0.0 +0.8 Vert ^ 15719.330 37.4 +11.8 -34.4 +1.4 +38.0 +0.0 54.7 54.0 +0.7 Vert M +0.0 +0.5 M +0.0 +0.5 +0.5 +0.0 +0.5 M M +0.0 +0.5 M +0.0 +0.5 +0.5 +0.0 +0.0 +0.5 M Ave Y_802.11a 62 15719.330 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 Y_802.11a 64 11530.000 27.9 +9.6 -35.9 +1.1 +38.8 +0.0 41.9 54.0 -12.1 Vert Ave X_802.11a 65 15719.330 24.6 +11.8 -34.4 +0.0 +0.5 M +0.0 +0.5 M Ave X_802.11a 66 15540.330 24.7 +11.8 -34.4 +1.4 +38.0 +0.0 41.9 54.0 -12.1 Horiz M +0.0 +0.5 M +0.0 +0.5 M Ave X_802.11a 66 15540.330 24.7 +11.7 -34.6 +0.5 M +1.4 +38.0 +0.0 41.7 54.0 -12.1 Horiz Ave X_802.11a
^ 15719.330 38.1 +11.8 -34.4 +1.4 +38.0 +0.0 55.4 54.0 +1.4 Vert M +0.0 +0.5 -11.8 -34.4 +1.4 +38.0 +0.0 55.4 54.0 +1.4 Vert M +0.0 +0.5 -34.4 +1.4 +38.0 +0.0 54.8 54.0 +0.8 Vert M +0.0 +0.5 -34.4 +1.4 +38.0 +0.0 54.8 54.0 +0.8 Vert M +0.0 +0.5 -34.4 +1.4 +38.0 +0.0 54.7 54.0 +0.7 Vert M +0.0 +0.5 -34.4 +1.4 +38.0 +0.0 42.0 54.0 -12.0 Vert Ave Y_802.11a 64 11530.000 27.9 +9.6 -35.9 +1.1 +38.8 +0.0 41.9 54.0 -12.1 Vert M +0.0 +0.5 -40.4 +1.4 +38.0 +0.0 41.9 54.0 -12.1 Vert <t< td=""></t<>
M +0.0 +0.5 Y_802.11a ^ 15719.330 37.5 +11.8 -34.4 +1.4 +38.0 +0.0 54.8 54.0 +0.8 Vert M +0.0 +0.5 ****
Y_802.11a ^ 15719.330 37.5 +11.8 -34.4 +1.4 +38.0 +0.0 54.8 54.0 +0.8 Vert M +0.0 +0.5 X_802.11a X_802.11a ^ 15719.330 37.4 +11.8 -34.4 +1.4 +38.0 +0.0 54.7 54.0 +0.7 Vert M +0.0 +0.5 X_802.11a X_8
^ 15719.330 37.5 +11.8 -34.4 +1.4 +38.0 +0.0 54.8 54.0 +0.8 Vert M +0.0 +0.5 X_802.11a X_802.11a ^ 15719.330 37.4 +11.8 -34.4 +1.4 +38.0 +0.0 54.7 54.0 +0.7 Vert M +0.0 +0.5 X_802.11a X_802.11a X_802.11a 62 15719.330 24.7 +11.8 -34.4 +1.4 +38.0 +0.0 42.0 54.0 -12.0 Vert M +0.0 +0.5 X_802.11a X_802.11a X_802.11a 64 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 X_802.11a X_802.11a X_802.11a 65 15719.330 24.6 +11.8 -34.4 +1.4 +38.0 +0.0 41.9 54.0 -12.1 Horiz M +0.0 +0.5 X_802.11a X_802.11a X_802.11a
M +0.0 +0.5 X_802.11a ^ 15719.330 37.4 +11.8 -34.4 +1.4 +38.0 +0.0 54.7 54.0 +0.7 Vert M +0.0 +0.5 -0.5 -0.0 54.7 54.0 +0.7 Vert 62 15719.330 24.7 +11.8 -34.4 +1.4 +38.0 +0.0 42.0 54.0 -12.0 Vert Ave Y_802.11a 63 15719.330 24.7 +11.8 -34.4 +1.4 +38.0 +0.0 42.0 54.0 -12.0 Horiz Ave X_802.11a 64 11530.000 27.9 +9.6 -35.9 +1.1 +38.8 +0.0 41.9 54.0 -12.1 Vert M Ave X_802.11a 65 15719.330 24.6 +11.8 -34.4 +1.4 +38.0 +0.0 41.9 54.0 -12.1 Horiz M +0.0 +0.5 +0.5 +0.0 41.9 54.0 -12.1 Horiz Ave
Name
^ 15719.330 37.4 +11.8 -34.4 +1.4 +38.0 +0.0 54.7 54.0 +0.7 Vert M +0.0 +0.5 -12.0 Vert 62 15719.330 24.7 +11.8 -34.4 +1.4 +38.0 +0.0 42.0 54.0 -12.0 Vert Ave Y_802.11a -12.0 Horiz Ave Y_802.11a -12.0 Horiz Ave X_802.11a -12.0 Horiz Ave X_802.11a -12.0 Horiz Ave X_802.11a -12.0 Horiz Ave X_802.11a -12.1 Vert Ave X_802.11a -12.1 Vert Ave X_802.11a -12.1 Horiz Ave X_802.11a -12.1 Horiz Ave X_802.11a -12.1 Horiz Ave X_802.11a -12.3 Horiz Ave X_802.11a -12.3 Horiz Ave X_802.11a -12.3 Horiz
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Ave Y_802.11a 63 15719.330 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 64 11530.000 M +0.0 +0.0 +0.0 M +0.0 +0.0 +0.0
63 15719.330
M +0.0 +0.5 Ave X_802.11a 64 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 X_802.11a
Ave X_802.11a 64 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 X_802.11a X
64 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
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66 15540.330 24.7 +11.7 -34.6 +1.4 +38.0 +0.0 41.7 54.0 -12.3 Horiz M +0.0 +0.5 Ave X_802.11a
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67 11490.500 27.0 +9.6 -35.9 +1.1 +38.8 +0.0 41.0 54.0 -13.0 Horiz
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^ 11490.500
M +0.0 +0.4
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M +0.0 +0.4 X 802.11a
71 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
Ave Z_802.11a
72 11530.000 25.4 +9.6 -35.9 +1.1 +38.8 +0.0 39.4 54.0 -14.6 Horiz M +0.0 +0.4 Ave X_802.11a
72 11530.000 25.4 +9.6 -35.9 +1.1 +38.8 +0.0 39.4 54.0 -14.6 Horiz M +0.0 +0.4 Ave
72 11530.000 25.4 +9.6 -35.9 +1.1 +38.8 +0.0 39.4 54.0 -14.6 Horiz M +0.0 +0.4 Ave X_802.11a



-											
74	10479.670	50.5		-36.2	+1.0	+38.0	+0.0	62.5	85.0	-22.5	Horiz
	M		+0.0	+0.3							
	10100 500	#0.4	0.0	2	4.0	20.0	0.0	52.0	X_802.11a	22.0	** .
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					V 000 11.		
76	10260 200	40.0	.00	26.0	+1.0	+38.0	+0.0	61.8	X_802.11a	22.2	II a ni n
/6	10360.200 M	49.9	$+8.8 \\ +0.0$	-36.2 +0.3	+1.0	+38.0	+0.0	01.8	85.0	-23.2	Horiz
	1V1		+0.0	+0.5					X_802.11a		
77	10360.330	49.7	+8.8	-36.2	+1.0	+38.0	+0.0	61.7		-23.3	Vert
''	M	.,,,	+0.4	+0.0	11.0	150.0	10.0	01.7	05.0	23.3	, 611
									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					** 00		
									X_802.11a		
80	17235.750	38.4	+12.5	-33.7	+1.5	+41.6	+0.0	60.6	85.0	-24.4	Vert
	M		+0.0	+0.3					V 802 11a		
<u> </u>	10479.670	48.5	+8.9	-36.2	+1.0	+38.0	+0.0	60.5	X_802.11a 85.0	-24.5	Vert
01	M	40.5	+0.0	+0.3	+1.0	+36.0	+0.0	00.5	85.0	-24.3	VCIT
	171		10.0	10.5					X_802.11a		
82	17295.000	37.8	+12.5	-33.6	+1.5	+41.9	+0.0	60.4		-24.6	Vert
	M		+0.0	+0.3							
									Y_802.11a		
83	17294.920	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
	M		+0.0	+0.3					X_802.11a		
05	10479.670	47.7	+8.9	-36.2	+1.0	+38.0	+0.0	59.7		-25.3	Vert
83	M	47.7	+0.0	+0.3	+1.0	+36.0	+0.0	39.1	85.0	-23.3	VEIL
	141		10.0	10.5					Z_802.11a		
86	17295.000	36.9	+12.5	-33.6	+1.5	+41.9	+0.0	59.5		-25.5	Horiz
	M		+0.0								
									Z_802.11a		
87	17235.750	37.0	+12.5	-33.7	+1.5	+41.6	+0.0	59.2	85.0	-25.8	Vert
	M		+0.0	+0.3							
									Z_802.11a		
88	10479.670	47.2	+8.9	-36.2	+1.0	+38.0	+0.0	59.2	85.0	-25.8	Vert
	M		+0.0	+0.3					V 000 11		
00	10260 500	47.2	.00	26.2	. 1.0	. 20.0	.00	FO 2	Y_802.11a	25.0	TT'
89	10360.500 M	47.3	+8.8	-36.2	+1.0	+38.0	+0.0	59.2	85.0	-25.8	Horiz
	M		+0.0	+0.3					Y_802.11a		
90	10400.930	47.2	+8.8	-36.2	+1.0	+38.0	+0.0	59.1	85.0	-25.9	Vert
90	M	71.2	+0.0	+0.3	11.0	130.0	10.0	39.1	03.0	-23.3	v CI t
	1,1		. 0.0	10.5					X_802.11a		
l											



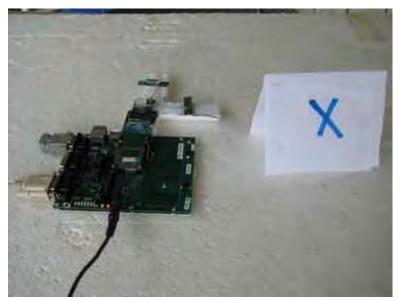
M	91	17235.750	36.7	+12.5	-33.7	+1.5	+41.6	+0.0	58.9	85.0	-26.1	Horiz
Page 10360.130			30.7			11.5	141.0	10.0	30.7	05.0	20.1	HOHZ
92 10360,130										Z_802.11a		
Second	92	10360.130	46.8	+8.8	-36.2	+1.0	+38.0	+0.0	58.7		-26.3	Vert
93 17295.000 35.9 +12.5 -33.6 +1.5 +41.9 +0.0 58.5 85.0 -26.5 Horiz 94 17235.750 36.1 +12.5 -33.7 +1.5 +41.6 +0.0 58.3 85.0 -26.7 Horiz 95 17235.750 36.1 +12.5 -33.7 +1.5 +41.6 +0.0 58.3 85.0 -26.7 Vert 96 17235.750 35.9 +12.5 -33.7 +1.5 +41.6 +0.0 58.3 85.0 -26.7 Vert 96 17235.750 35.9 +12.5 -33.7 +1.5 +41.6 +0.0 58.1 85.0 -26.9 Horiz 97 10479.670 45.9 +8.9 -36.2 +1.0 +38.0 +0.0 57.9 85.0 -27.1 Horiz 98 10400.930 45.9 +8.8 -36.2 +1.0 +38.0 +0.0 57.8 85.0 -27.2 Horiz 99 10479.670 45.6 +8.9 -36.2 +1.0 +38.0 +0.0 57.6 85.0 -27.4 Horiz 99 10400.930 44.1 +8.8 -36.2 +1.0 +38.0 +0.0 57.6 85.0 -27.4 Horiz 100 10400.930 43.6 +8.8 -36.2 +1.0 +38.0 +0.0 55.5 85.0 -29.0 Vert 101 10400.930 43.6 +8.8 -36.2 +1.0 +38.0 +0.0 55.5 85.0 -29.5 Vert 102 10360.170 43.6 +8.8 -36.2 +1.0 +38.0 +0.0 55.5 85.0 -29.5 Vert 103 17416.140 31.7 +12.5 -33.6 +1.5 +42.4 +0.0 54.9 85.0 -30.1 Horiz 104 17413.600 31.1 +12.5 -33.6 +1.5 +42.4 +0.0 54.9 85.0 -30.7 Vert 104 17413.600 31.1 +12.5 -33.6 +1.5 +42.4 +0.0 54.3 85.0 -30.7 Vert 104 17413.600 31.1 +12.5 -33.6 +1.5 +42.4 +0.0 54.9 85.0 -30.7 Vert 104 17413.600 31.1 +12.5 -33.6 +1.5 +42.4 +0.0 54.9 85.0 -30.7 Vert 104 17413.600 31.1 +12.5 -33.6 +1.5 +42.4 +0.0 54.9 85.0 -30.7 Vert 104 17413.600 31.1 +12.5 -33.6 +1.5 +42.4 +0.0 54.9 85.0 -30.7 Vert 104 17413.600 31.1 +12.5 -33.6 +1.5 +42.4 +0.0 54.9 85.0 -30.7 Vert 105 17416.140 31.7 +12.5 -33.6 +1.5 +42.4 +0.0 54.9 85.0 -30.7 Vert 105 17416.140 31.7 +12.5 -33.6 +1.5 +42.4 +0.0 54.9 85.0 -		M		+0.0	+0.3							
M												
17235.750	93		35.9			+1.5	+41.9	+0.0	58.5	85.0	-26.5	Horiz
100 10400,930 45.9 +8.9 -36.2 +1.0 +0.0 +0.3 +0.0 +0.4 +0.0 +0		M		+0.0	+0.3					V 802 11a		
M	94	17235 750	36.1	+12.5	-33.7	+1.5	+41.6	+0.0	58.3		-26.7	Horiz
Second	/-		30.1			11.5	141.0	10.0	30.3	05.0	20.7	HOHZ
M										Y_802.11a		
Name	95	17235.750	36.1	+12.5	-33.7	+1.5	+41.6	+0.0	58.3	85.0	-26.7	Vert
96 17235.750		M		+0.0	+0.3							
M										_		
Name	96		35.9			+1.5	+41.6	+0.0	58.1	85.0	-26.9	Horiz
97 10479.670		M		+0.0	+0.3					V 802 11a		
M +0.0 +0.0 +0.3 Y_802.11a 98 10400.930 M 45.9 +8.8 -36.2 ho.0 +1.0 +38.0 ho.0 57.8 85.0 ho.0 -27.2 horiz 99 10479.670 M 45.6 ho.0 ho.0 +8.9 ho.0 ho.3 ho.0 +1.0 ho.0 ho.3 +38.0 ho.0 ho.0 57.6 ho.0 ho.0 85.0 ho.0 ho.0 ho.0 -27.4 horiz 100 10400.930 ho.0 ho.0 ho.0 ho.0 ho.0 ho.0 ho.0 ho.	97	10479 670	15.9	⊥ <u></u> 2 0	-36.2	±1.0	±38.0	±0.0	57.9		-27.1	Horiz
Name			73.7			11.0	130.0	10.0	31.7	05.0	-27.1	110112
98 10400.930		111		10.0	10.5					Y_802.11a		
Y_802.11a 99 10479.670 M 45.6 +8.9 +0.0 +0.3 +0.0 +0.3 +1.0 +38.0 +0.0 +0.0 +0.3 57.6 85.0 -27.4 Horiz Horiz 100 10400.930 M 44.1 +8.8 -36.2 +1.0 +38.0 +0.0 +0.0 +0.3 56.0 85.0 -29.0 Vert Vert 101 10400.930 M 43.6 +8.8 -36.2 +1.0 +38.0 +0.0 +0.0 +0.3 Y_802.11a Y_802.11a 102 10360.170 M 43.6 +8.8 -36.2 +1.0 +38.0 +0.0 +0.0 +0.3 Y_802.11a Y_802.11a 103 17416.140 M 31.7 +12.5 -33.6 +0.4 +1.5 +42.4 +0.0 +0.0 +0.4 Y_802.11a Y_802.11a 104 17413.600 M 31.1 +12.5 -33.6 +1.5 +42.4 +0.0 +0.0 +0.4 Y_802.11a Y_802.11a	98	10400.930	45.9	+8.8	-36.2	+1.0	+38.0	+0.0			-27.2	Horiz
99 10479.670		M		+0.0	+0.3							
M										Y_802.11a		
T_802.11a T_802.11a T_800 T_802.11a T_800	99		45.6			+1.0	+38.0	+0.0	57.6	85.0	-27.4	Horiz
100 10400.930		M		+0.0	+0.3					7 902 110		
M +0.0 +0.3	100	10400 030	44.1	1 Q Q	36.2	+1.0	138.0	+0.0			20.0	Vort
Table Tabl	100		77.1			+1.0	+30.0	+0.0	30.0	85.0	-29.0	VCIT
101 10400.930		111		10.0	10.5					Z 802.11a		
M +0.0 +0.3	101	10400.930	43.6	+8.8	-36.2	+1.0	+38.0	+0.0			-29.5	Vert
102 10360.170		M		+0.0	+0.3							
M +0.0 +0.3												
103 17416.140 31.7 +12.5 -33.6 +1.5 +42.4 +0.0 54.9 85.0 -30.1 Horiz	102		43.6			+1.0	+38.0	+0.0	55.5	85.0	-29.5	Vert
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 +0.4 104 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		M		+0.0	+0.3					V 902 11a		
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	103	17/16 1/0	31 7	⊥12 5	-33 6	⊥1.5	<u></u>	±0.0	5/1 0		-30.1	Horiz
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	103		31.7			+1.5	T42.4	+0.0	34.9	03.0	-30.1	110112
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		111		10.0	10.4					Y 802.11a		
M +0.0 +0.4	104	17413.600	31.1	+12.5	-33.6	+1.5	+42.4	+0.0	54.3			Vert
Z. 802 11a												
2_002.114										Z_802.11a		



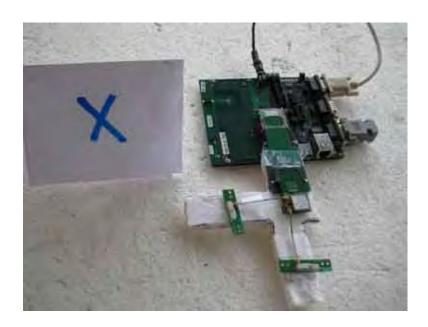
105	17416.140	31.0	+12.5	-33.6	+1.5	+42.4	+0.0	54.2	85.0	-30.8	Horiz
	M		+0.0	+0.4							
									X_802.11a		
106	17416.140	30.9	+12.5	-33.6	+1.5	+42.4	+0.0	54.1	85.0	-30.9	Vert
	M		+0.0	+0.4							
									X_802.11a		
107	17413.560	30.9	+12.5	-33.6	+1.5	+42.4	+0.0	54.1	85.0	-30.9	Vert
	M		+0.0	+0.4							
									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		



Test Setup Photos

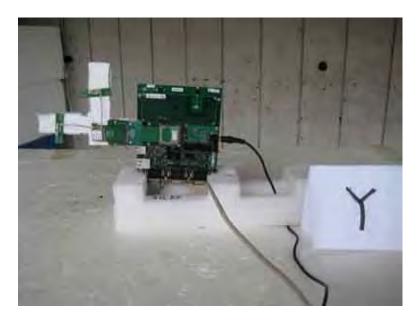


Antenna Manufacture: Ethertronics - Front View in X Orientation



Antenna Manufacture: Ethertronics - Back View in X Orientation





Antenna Manufacture: Ethertronics - Front View in Y Orientation



Antenna Manufacture: Ethertronics - Back View in Y Orientation



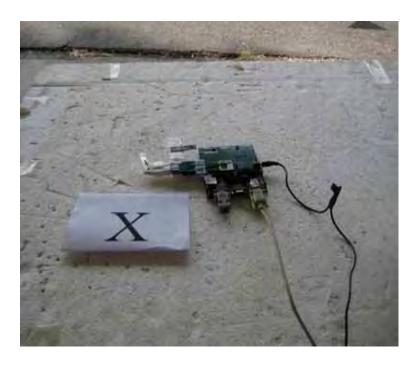


Antenna Manufacture: Ethertronics - Front View in Z Orientation

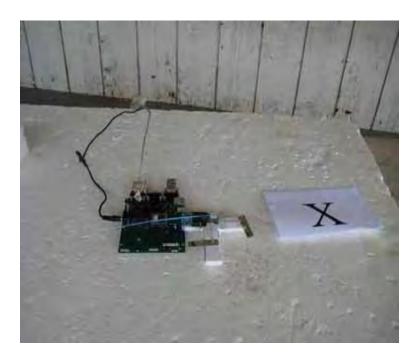


Antenna Manufacture: Ethertronics - Back View in Z Orientation



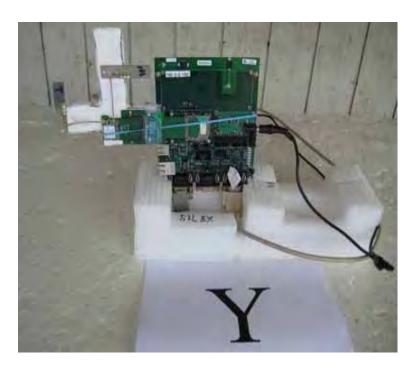


Antenna Manufacture: Pulse - Front View in X Orientation

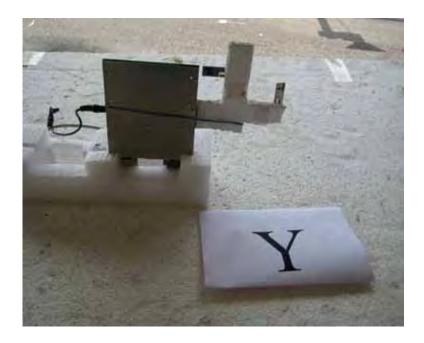


Antenna Manufacture: Pulse - Back View in X Orientation



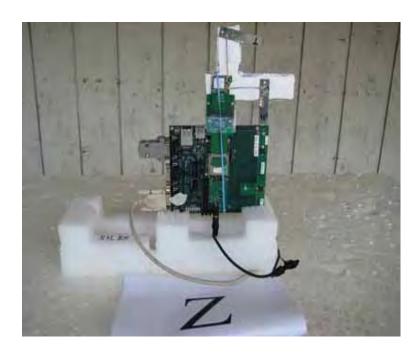


Antenna Manufacture: Pulse - Front View in Y Orientation



Antenna Manufacture: Pulse - Back View in Y Orientation





Antenna Manufacture: Pulse - Front View in Z Orientation



Antenna Manufacture: Pulse - Back View in Z Orientation



15.407(g) FREQUENCY STABILITY

Engineer Name: Eddie Wong

Test Equipment								
Name	Serial	Cal Date	Cal Due	Asset				
Spectrum Analyzer	US44300438	07/23/2008	07/23/2010	02672				
Temperature	NA	080608	080610	01878				
Chamber								
Thermometer	6995216	11/09/2009	11/09/2011	05947				
3'-40GHz cable	NA	09/14/2009	09/14/2011	P02946				
Horn Antenna	6246	06/06/2008	06/06/2010	00849				
Microwave Pre-amp	3123A00281	07/28/2008	07/28/2010	00786				
2'-40GHz cable	NA	09/21/2009	09/21/2011	P2948				
Heliax Antenna Cable	P5565	09/04/2008	09/04/2010	P05565				
2'-40GHz cable	NA	09/14/2009	09/14/2011	P02947				

Setup

The Frequency point (Fl and Fh) at which the emission crosses the radiated emission limit line was obtained from the radiated bandedge 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.

Band of operation: 5150 – 5250 MHz

5725 - 5825 MHz

Manufacturer declared operating temperature:

-20 - 70°C

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Test Data Sheets

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

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

_ , ,	Low Frequency	High Frequency
Temp (c)	5728	5820
-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

Results:

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.

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Test Setup Photos



Test Setup Using Antenna Manufacture: Ethertronics

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BAND EDGE

Engineer Name: Eddie Wong

Test Equipment				
Name	Serial	Cal Date	Cal Due	Asset
Spectrum Analyzer	US44300438	07/23/2008	07/23/2010	02672
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
2'-40GHz cable	NA	09/14/2009	09/14/2011	P02947

Setup

The EUT is placed on the test bench. The device is set in continuous transmit mode, the emission profile is measured at the antenna port .

Tx Frequency: 5180MHz, 5200MHz, 5240MHz, 5745MHz, 5765MHz, 5805MHz.

Ch 36,40,48, 149, 153, 161. Modulation: 802.11a (54 mbps), Ch 36,40,48, 149, 153, 161.

Firmware Power setting: 16, 16, 16, 15, 15, 16

Power = 13.3 dBm (0.0214W) ,13.2dBm (0.0209W), 13.3dBm (0.0214), 12.6dBm(0.0182), 12.6dBm (0.0182W),

13.0dBm(0.0200W)

13°C, 58% Relative Humidity

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Limit Line Calculations for Antenna Manufactured by Ethertronics:

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

$$Power = \frac{(Ed)^2}{30 \times G}$$

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

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

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

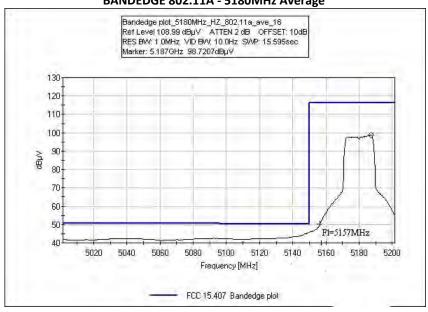
E = 0.006693V = 76.5 dBuV/m @ 3m.

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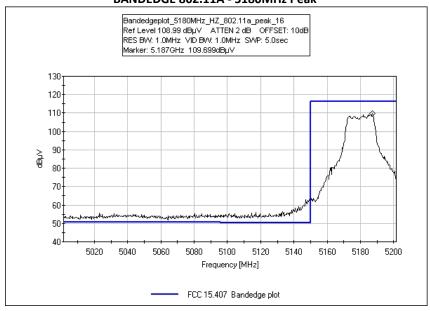


Test Data Sheets

BANDEDGE 802.11A - 5180MHz Average

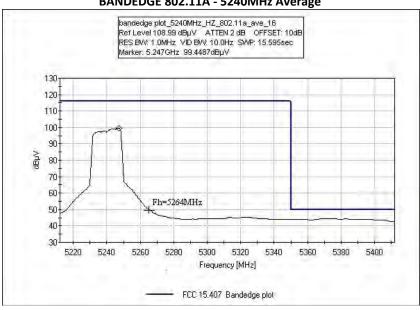


BANDEDGE 802.11A - 5180MHz Peak

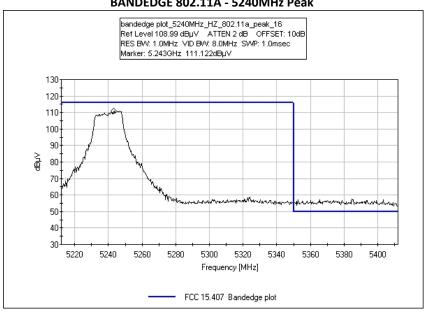






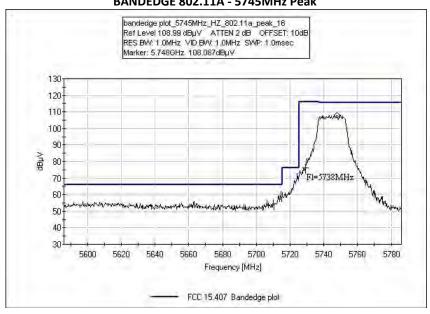


BANDEDGE 802.11A - 5240MHz Peak

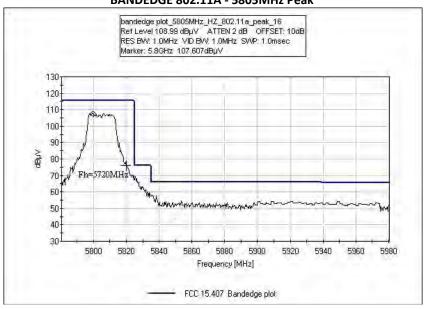




BANDEDGE 802.11A - 5745MHz Peak



BANDEDGE 802.11A - 5805MHz Peak





Limit Line Calculations for Antenna Manufactured by 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

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

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

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

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

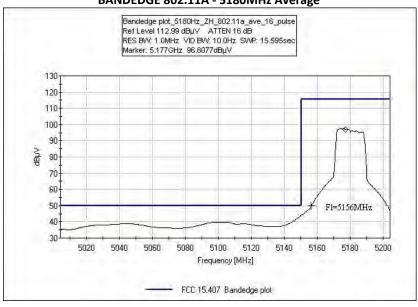
E = 0.004163v = 72.3dBuV/m @ 3m.

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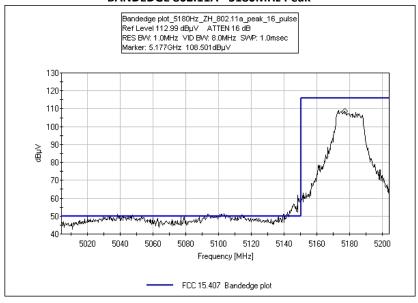


Test Data Sheets

BANDEDGE 802.11A - 5180MHz Average

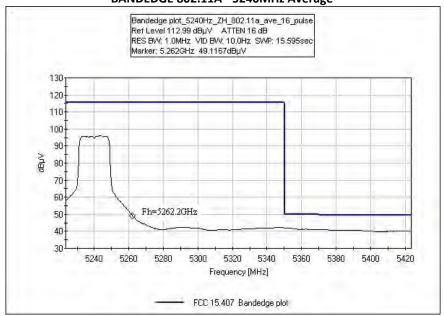


BANDEDGE 802.11A - 5180MHz Peak

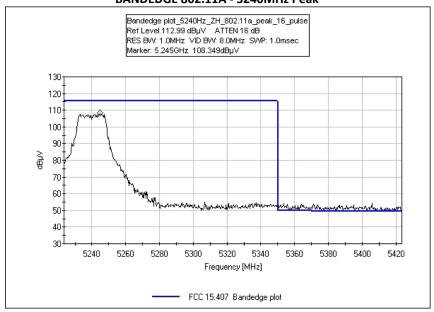




BANDEDGE 802.11A - 5240MHz Average

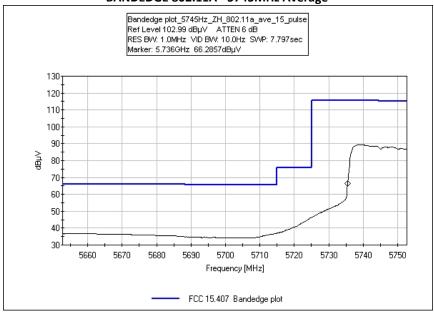


BANDEDGE 802.11A - 5240MHz Peak

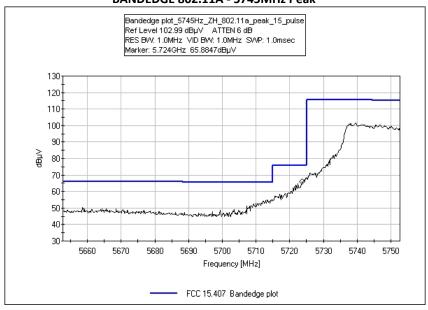




BANDEDGE 802.11A - 5745MHz Average

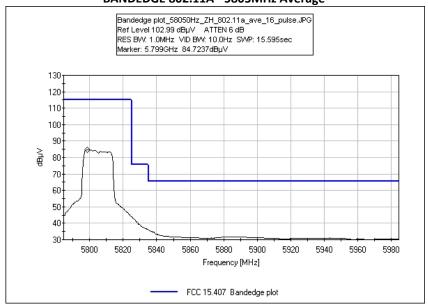


BANDEDGE 802.11A - 5745MHz Peak

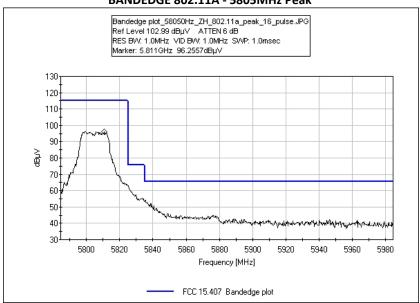




BANDEDGE 802.11A - 5805MHz Average

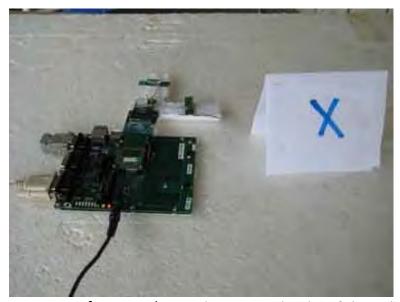


BANDEDGE 802.11A - 5805MHz Peak

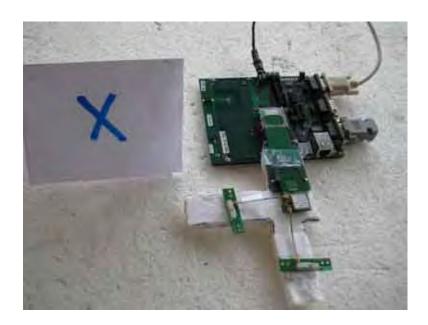




Test Setup Photos



Antenna Manufacture: Ethertronics - Front View in X Orientation



Antenna Manufacture: Ethertronics - Back View in X Orientation





Antenna Manufacture: Ethertronics - Front View in Y Orientation



Antenna Manufacture: Ethertronics - Back View in Y Orientation



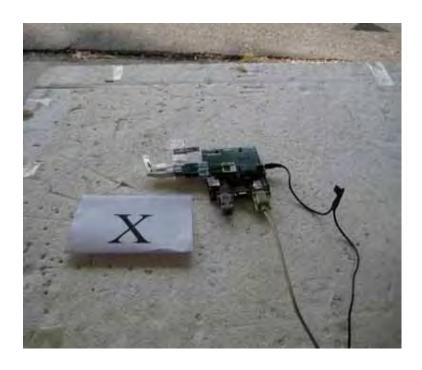


Antenna Manufacture: Ethertronics - Front View in Z Orientation

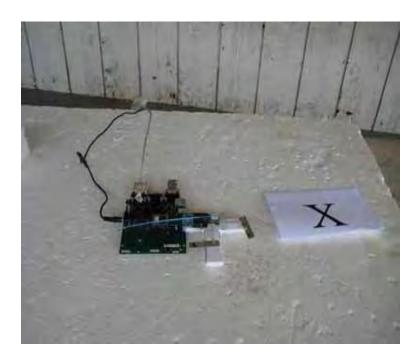


Antenna Manufacture: Ethertronics - Back View in Z Orientation



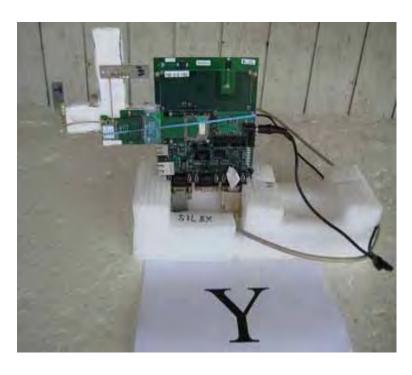


Antenna Manufacture: Pulse - Front View in X Orientation

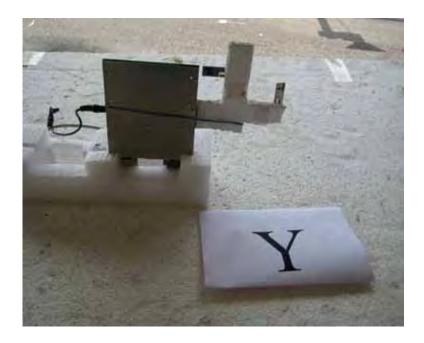


Antenna Manufacture: Pulse - Back View in X Orientation



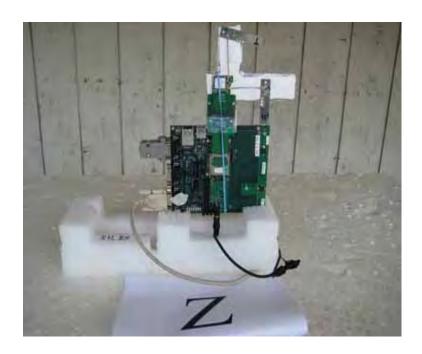


Antenna Manufacture: Pulse - Front View in Y Orientation



Antenna Manufacture: Pulse - Back View in Y Orientation





Antenna Manufacture: Pulse - Front View in Z Orientation



Antenna Manufacture: Pulse - Back View in Z Orientation



26dB BANDWIDTH

Engineer Name: Eddie Wong

Test Equipment				
Name	Serial	Cal Date	Cal Due	Asset
Spectrum Analyzer	US44300438	07/23/2008	07/23/2010	02672
3'-40GHz cable	NA	09/14/2009	09/14/2011	P02946

Setup

The EUT is placed on the test bench. The device is set in continuous transmit mode, the emission profile is measured at the antenna port .

Tx Frequency: 5180MHz, 5200MHz, 5240MHz, 5745MHz, 5765MHz, 5805MHz.

Ch 36,40,48, 149, 153, 161. Modulation: 802.11a (54 mbps). Ch 36,40,48, 149, 153, 161.

Firmware Power setting: 16, 16, 16, 15, 15, 16

Power = 13.3 dBm (0.0214W), 13.2dBm (0.0209W), 13.3dBm (0.0214), 12.6dBm(0.0182), 12.6dBm (0.0182W),

13.0dBm(0.0200W)

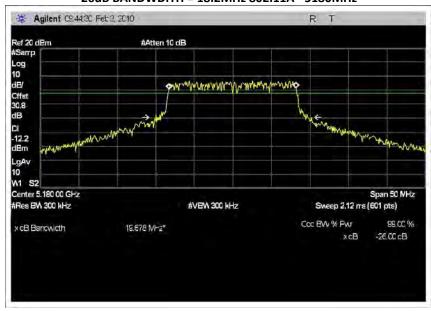
13°C, 58% Relative Humidity

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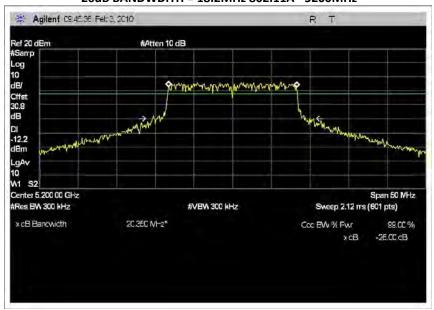


Test Plots

-26dB BANDWDITH = 18.2MHz 802.11A - 5180MHz

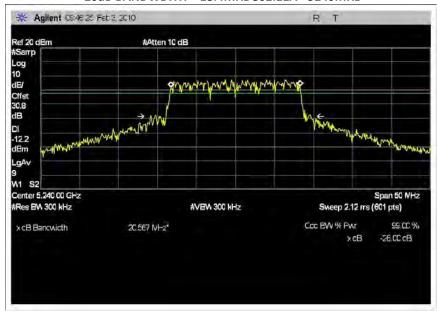


-26dB BANDWDITH = 18.2MHz 802.11A - 5200MHz

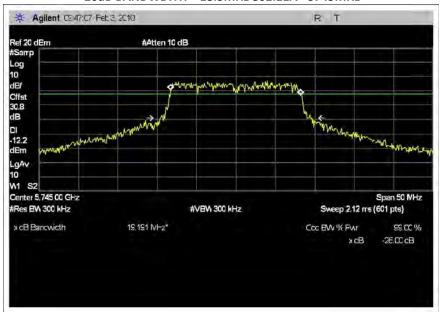




-26dB BANDWDITH = 18.4MHz 802.11A - 5240MHz

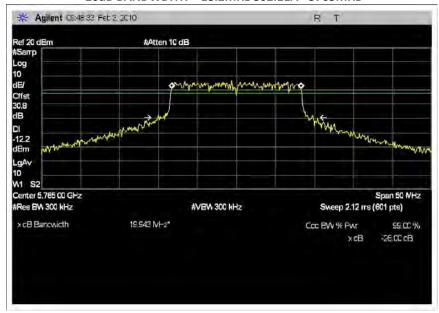


-26dB BANDWDITH = 18.3MHz 802.11A - 5745MHz

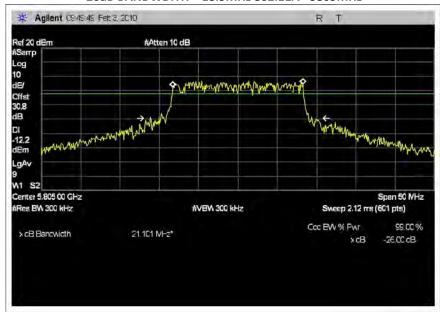




-26dB BANDWDITH = 18.2MHz 802.11A - 5765MHz



-26dB BANDWDITH = 18.5MHz 802.11A - 5805MHz





Test Setup Photos



Test Setup Using Antenna Manufacture: Ethertronics

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RSS-210 99% BANDWIDTH

Engineer Name: Eddie Wong

Test Equipment				
Name	Serial	Cal Date	Cal Due	Asset
Spectrum Analyzer	US44300438	07/23/2008	07/23/2010	02672
3'-40GHz cable	NA	09/14/2009	09/14/2011	P02946

Setup

The EUT is placed on the test bench. The device is set in continuous transmit mode, the emission profile is measured at the antenna port .

Tx Frequency: 5180MHz, 5200MHz, 5240MHz, 5745MHz, 5765MHz, 5805MHz.

Ch 36,40,48, 149, 153, 161. Modulation: 802.11a (54 mbps), Ch 36,40,48, 149, 153, 161.

Firmware Power setting: 16, 16, 16, 15, 15, 16

Power = 13.3 dBm (0.0214W), 13.2dBm (0.0209W), 13.3dBm (0.0214), 12.6dBm(0.0182), 12.6dBm (0.0182W),

13.0dBm(0.0200W)

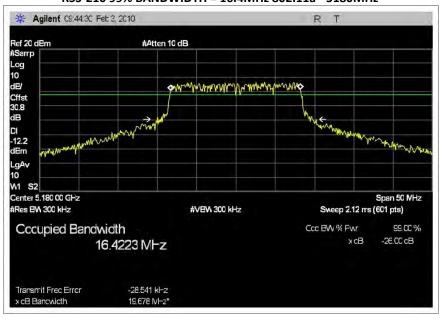
13°C, 58% Relative Humidity

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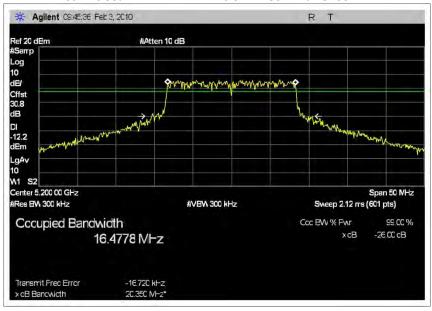


Test Data

RSS-210 99% BANDWIDTH = 16.4MHz 802.11a - 5180MHz

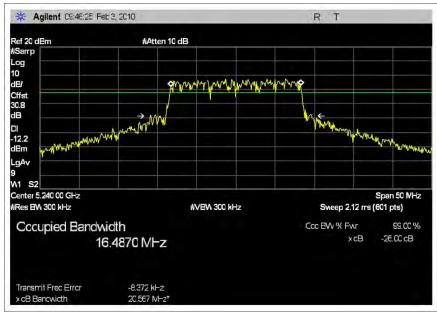


RSS-210 99% BANDWIDTH = 16.5MHz 802.11a - 5200MHz

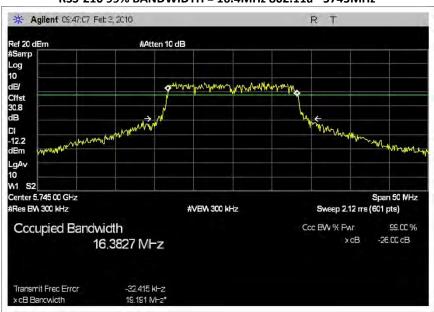




RSS-210 99% BANDWIDTH = 16.5MHz 802.11a - 5240MHz

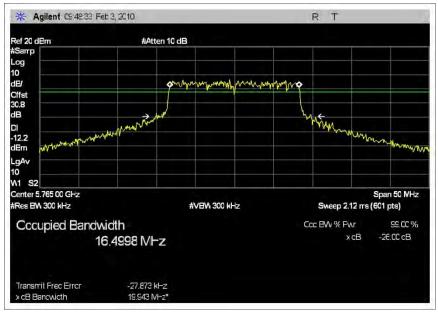


RSS-210 99% BANDWIDTH = 16.4MHz 802.11a - 5745MHz

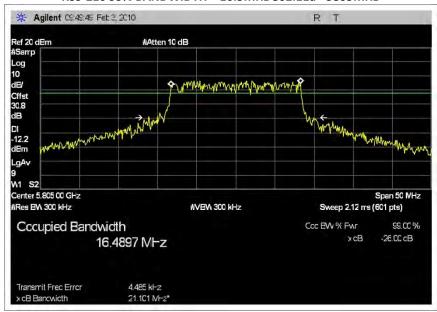




RSS-210 99% BANDWIDTH = 16.5MHz 802.11a - 5765MHz



RSS-210 99% BANDWIDTH = 16.5MHz 802.11a - 5805MHz





Test Setup Photos



Test Setup Using Antenna Manufacture: Ethertronics

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SUPPLEMENTAL INFORMATION

Measurement Uncertainty

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

The reported measurement uncertainties are calculated based on the worst case of all laboratory environments from CKC Laboratories, Inc. test sites. Only those parameters which require estimation of measurement uncertainty are reported. The reported worst case measurement uncertainty is less than the maximum values derived in CISPR 16-4-2. Reported uncertainties represent expanded uncertainties expressed at approximately the 95% confidence level using a coverage factor of k=2. Compliance is deemed to occur provided measurements are below the specified limits.

Emissions Test Details

TESTING PARAMETERS

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.

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

TEST INSTRUMENTATION AND ANALYZER SETTINGS

The test instrumentation and equipment listed were used to collect the emissions data. A spectrum analyzer or receiver was used for all measurements. For testing emissions, an appropriate reference level and a vertical scale size of 10 dB per division were used. When conducted emissions testing was performed, a 10 dB external attenuator was used with internal offset correction in the analyzer.

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 "Peak" mode. Whenever a "Quasi-Peak" or "Average" reading is listed as one of the highest readings, this is indicated as a "QP" or an "Ave" on the appropriate rows of the data sheets. The following paragraphs describe in more detail the detector functions and when they were used to obtain the emissions data.

<u>Peak</u>

In this mode, the spectrum analyzer/receiver readings recorded all emissions at their peak value as the frequency band selected was scanned. By combining this function with another feature of the measuring device called "peak hold," the measuring device had the ability to measure transients 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

When the true peak values exceeded or were within 2 dB of the specification limit, quasi-peak measurements were taken using the quasi-peak detector.

<u>Average</u>

For certain frequencies, average measurements may be made using the spectrum analyzer/receiver. 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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