



KIC CORPORATION TEST REPORT

FOR THE

BASE STATION, KIC BASE STATION

FCC PART 15 SUBPART C SECTION 15.249/15.209 AND SUBPART B SECTIONS 15.107 & 15.109 CLASS B

TESTING

DATE OF ISSUE: JULY 11, 2007

PREPARED FOR: PREPARED BY:

KIC Corporation
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CKC Laboratories, Inc.
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W.O. No.: 86678 Date of test: July 6, 2007

Report No.: FC07-054

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ADMINISTRATIVE INFORMATION

DATE OF TEST: July 6, 2007 **DATE OF RECEIPT:** July 6, 2007

REPRESENTATIVE: Peter Chadwick

MANUFACTURER:TEST LOCATION:KIC CorporationCKC Laboratories, Inc.15950 Bernardo Center Drive, #E110 Olinda PlaceSan Diego, CA 92127Brea, CA 92823

TEST METHOD: ANSI C63.4 (2003)

PURPOSE OF TEST: To perform the testing of the BASE Station, KIC Base Station with the requirements for FCC Part 15 Subpart C Section 15.249/15.209 and Subpart B Sections 15.107 & 15.109 Class B devices.

APPROVALS

Steve Behm, Director of Engineering Services

QUALITY ASSURANCE: TEST PERSONNEL:

Joyce Walker, Quality Assurance Administrative

Manager

Eddie Wong, EMC Engineer

CONDITIONS DURING TESTING

No modifications to the EUT were necessary during testing.

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FCC 15.31(e) Voltage Variations

No variations were detected during testing of power output.

Test Equipment

Equipment	Asset #	Manufacturer	Model #	Serial #	Cal Date	Cal Due
Programmable	01695/	Pacific Power	345AMX /	250 / 245	051507	051509
Power Source	01696		UPC32			
Spectrum Analyzer	02672	Agilent	E4446A	US44300438	010307	010309
Bilog Antenna	01995	Chase	CBL6111C	2451	020206	020208
Pre-amp	00309	HP	8447D	1937A02548	060106	060108
Antenna cable	P05198	Belden	8268	Cable#15	010507	010509
			(RG-214)			
Pre-amp to SA cable	P05050	Pasternack	RG223/U	Cable#10	051607	051609

FCC 15.31(m) Number Of Channels

This device operates on a single channel.

FCC 15.33(a) Frequency Ranges Tested

15.207 Conducted Emissions: 150 kHz – 30 MHz 15.109 Radiated Emissions: 30 MHz – 10 GHz 15.249/15.209 Radiated Emissions: 9 kHz – 10 GHz

FCC SECTION 15.35: ANALYZER BANDWIDTH SETTINGS PER FREQUENCY RANGE						
TEST	BEGINNING FREQUENCY	ENDING FREQUENCY	BANDWIDTH SETTING			
CONDUCTED EMISSIONS	150 kHz	30 MHz	9 kHz			
RADIATED EMISSIONS	9 kHz	150 kHz	200 Hz			
RADIATED EMISSIONS	150 kHz	30 MHz	9 kHz			
RADIATED EMISSIONS	30 MHz	1000 MHz	120 kHz			
RADIATED EMISSIONS	1000 MHz	10 GHz	1 MHz			

FCC 15.203 Antenna Requirements

The antenna has a unique MMCX connector; therefore the EUT complies with Section 15.203 of the FCC rules.

EUT Operating Frequency

The EUT was operating at 916.571 MHz.

Temperature And Humidity During Testing

The temperature during testing was within $+15^{\circ}$ C and $+35^{\circ}$ C.

The relative humidity was between 20% and 75%.

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EQUIPMENT UNDER TEST (EUT) DESCRIPTION

The customer declares the EUT tested by CKC Laboratories was representative of a production unit.

EQUIPMENT UNDER TEST

Base Station

Manuf: KIC Corporation Model: KIC Base Station

Serial: NA FCC ID: pending

PERIPHERAL DEVICES

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

Ethernet Switch Laptop

Manuf: Linksys Manuf: HP

Model: SD205 Model: Pavillion DV100 Serial: 003600624 Serial: CNF5501CBW

Power Supply

Manuf: HP

Model: 5Y16544101

Serial: 557C40ALLSGISW

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REPORT OF EMISSIONS MEASUREMENTS

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.

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

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TEST INSTRUMENTATION AND ANALYZER SETTINGS

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

Peak

In this mode, the spectrum analyzer/receiver readings were 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.

Average

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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FCC 15.107 CONDUCTED EMISSIONS

Test Setup Photos





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Test Data Sheets

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

Customer: **KIC Corporation**

Specification: FCC 15.107 Class B COND [AVE]

Work Order #: 86678 Date: 7/6/2007 Test Type: **Conducted Emissions** Time: 15:34:29 Equipment: **Base Station** Sequence#: 3 Manufacturer: **KIC** Corporation Tested By: E. Wong Model:

KIC Base Station 110V 60Hz

S/N: NA

Test Equipment:

Function	S/N	Calibration Date	Cal Due Date	Asset #
Spectrum Analyzer	US44300438	01/03/2007	01/03/2009	02672
LISN	1104	11/10/2006	11/10/2008	00847
6dB Attenuator	None	11/21/2006	11/21/2008	P05611
150kHz HPF	G7755	01/30/2006	01/30/2008	02610
Conducted Emission	Cable #21	05/09/2006	05/09/2008	P04358
Cable				

Equipment Under Test (* = EUT):

Function	Manufacturer	Model #	S/N
Base Station*	KIC Corporation	KIC Base Station	NA

Support Devices:

Support 2 criters.			
Function	Manufacturer	Model #	S/N
Power Supply	HP	5Y16544101	557C40ALLSGISW
Ethernet switch	Linksys	SD205	003600624
Laptop	HP	Pavillion DV100	CNF5501CBW

Test Conditions / Notes:

The single channel EUT is placed connected to the USB port of a support laptop, the antenna is orientated upright (intended operation) on a wooden table with Styrofoam surface of 5 cm thickness. The support laptop is running application to exercise the EUT continuously transmit and receive mode. A section of unterminated ethernet cable is terminated to a remote support ethernet switch. Frequency = 916.571MHz. 23°C, 61% relative humidity.

Transducer Legend:

T1=150kHz HPF Asset 02610	T2=6dB Attenuator P05611
T3=Cable #21 Conducted Site A 050908	T4=(L1) Insertion Loss 00847 EMCO 3816/2NM

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

1,1000000	· 2				8						
#	Freq	Rdng	T1	T2	T3	T4	Dist	Corr	Spec	Margin	Polar
	MHz	dΒμV	dB	dB	dB	dB	Table	dΒμV	dΒμV	dB	Ant
1	190.724k	43.7	+0.2	+6.1	+0.1	+0.1	+0.0	50.2	54.0	-3.8	Black
2	228.538k	41.5	+0.2	+6.1	+0.1	+0.1	+0.0	48.0	52.5	-4.5	Black
3	230.720k	41.4	+0.2	+6.1	+0.1	+0.1	+0.0	47.9	52.4	-4.5	Black

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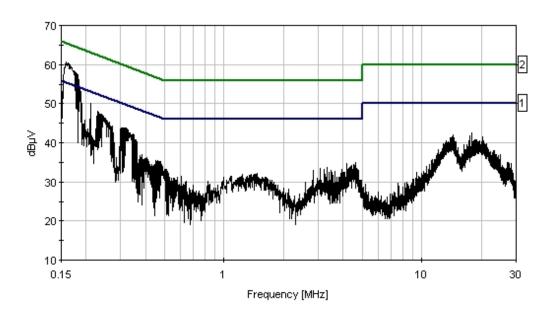


4	235.810k	40.9	+0.2	+6.1	+0.1	+0.1	+0.0	47.4	52.2	-4.8	Black
5	233.629k	40.9	+0.2	+6.1	+0.1	+0.1	+0.0	47.4	52.3	-4.9	Black
6	239.446k	40.7	+0.2	+6.1	+0.1	+0.1	+0.0	47.2	52.1	-4.9	Black
7	237.992k	40.7	+0.2	+6.1	+0.1	+0.1	+0.0	47.2	52.2	-5.0	Black
8	242.355k	40.5	+0.2	+6.1	+0.1	+0.1	+0.0	47.0	52.0	-5.0	Black
9	153.746k Ave	28.3	+1.8	+6.2	+0.1	+0.1	+0.0	36.5	55.8	-19.3	Black
10	159.798k Ave	28.8	+0.6	+6.2	+0.1	+0.1	+0.0	35.8	55.5	-19.7	Black
11	154.305k Ave	27.9	+1.7	+6.2	+0.1	+0.1	+0.0	36.0	55.8	-19.8	Black
12	155.234k Ave	27.8	+1.5	+6.2	+0.1	+0.1	+0.0	35.7	55.7	-20.0	Black
13	161.092k Ave	27.9	+0.6	+6.2	+0.1	+0.1	+0.0	34.9	55.4	-20.5	Black
٨	160.221k	51.6	+0.6	+6.2	+0.1	+0.1	+0.0	58.6	55.5	+3.1	Black
٨	157.657k	50.9	+1.1	+6.2	+0.1	+0.1	+0.0	58.4	55.6	+2.8	Black
٨	161.092k	50.9	+0.6	+6.2	+0.1	+0.1	+0.0	57.9	55.4	+2.5	Black
٨	159.798k	51.0	+0.6	+6.2	+0.1	+0.1	+0.0	58.0	55.5	+2.5	Black
18	160.221k Ave	27.8	+0.6	+6.2	+0.1	+0.1	+0.0	34.8	55.5	-20.7	Black
19	157.657k Ave	27.1	+1.1	+6.2	+0.1	+0.1	+0.0	34.6	55.6	-21.0	Black
٨	153.746k	52.7	+1.8	+6.2	+0.1	+0.1	+0.0	60.9	55.8	+5.1	Black
٨	154.305k	52.6	+1.7	+6.2	+0.1	+0.1	+0.0	60.7	55.8	+4.9	Black
٨	155.234k	52.4	+1.5	+6.2	+0.1	+0.1	+0.0	60.3	55.7	+4.6	Black

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CKC Laboratories, Inc. Date: 7/6/2007 Time: 15:34:29 KIC Corporation WO#: 86678 FCC 15:107 Class B COND [AVE] Test Lead: Black 110V 60Hz Sequence#: 3



Sweep Data 2 - FCC 15.107 Class B COND [QP]

1 - FCC 15.107 Class B COND [AVE]



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

Customer: KIC Corporation

Specification: FCC 15.107 Class B COND [AVE]

Work Order #: 86678 Date: 7/6/2007
Test Type: Conducted Emissions Time: 15:40:01
Equipment: Base Station Sequence#: 4

Manufacturer: KIC Corporation Tested By: E. Wong Model: KIC Base Station 110V 60Hz

S/N: NA

Test Equipment:

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Function	S/N	Calibration Date	Cal Due Date	Asset #
Spectrum Analyzer	US44300438	01/03/2007	01/03/2009	02672
LISN	1104	11/10/2006	11/10/2008	00847
6dB Attenuator	None	11/21/2006	11/21/2008	P05611
150kHz HPF	G7755	01/30/2006	01/30/2008	02610
Conducted Emission	Cable #21	05/09/2006	05/09/2008	P04358
Cable				

Equipment Under Test (* = EUT):

Function	Manufacturer	Model #	S/N
Base Station*	KIC Corporation	KIC Base Station	NA

Support Devices:

Support 2 criters.			
Function	Manufacturer	Model #	S/N
Power Supply	HP	5Y16544101	557C40ALLSGISW
Ethernet switch	Linksys	SD205	003600624
Laptop	HP	Pavillion DV100	CNF5501CBW

Test Conditions / Notes:

The single channel EUT is placed connected to the USB port of a support laptop, the antenna is orientated upright (intended operation) on a wooden table with Styrofoam surface of 5 cm thickness. The support laptop is running application to exercise the EUT continuously transmit and receive mode. A section of unterminated ethernet cable is terminated to a remote support ethernet switch. Frequency = 916.571MHz. 23°C, 61% relative humidity.

Transducer Legend:

T1=150kHz HPF Asset 02610	T2=6dB Attenuator P05611
T3=Cable #21 Conducted Site A 050908	T4=(L2) Insertion Loss 00847 EMCO 3816/2NM

Measur	rement Data:	Re	eading lis	ted by ma	ırgin.			Test Lead	l: White		
#	Freq	Rdng	T1	T2	T3	T4	Dist	Corr	Spec	Margin	Polar
	MHz	dΒμV	dB	dB	dB	dB	Table	dΒμV	dΒμV	dB	Ant
1	210.358k	41.6	+0.2	+6.1	+0.1	+0.2	+0.0	48.2	53.2	-5.0	White
2	12.896M	34.7	+0.2	+6.1	+0.4	+0.7	+0.0	42.1	50.0	-7.9	White
3	301.986k	35.5	+0.2	+6.2	+0.1	+0.1	+0.0	42.1	50.2	-8.1	White
4	13.779M	34.3	+0.2	+6.1	+0.4	+0.7	+0.0	41.7	50.0	-8.3	White

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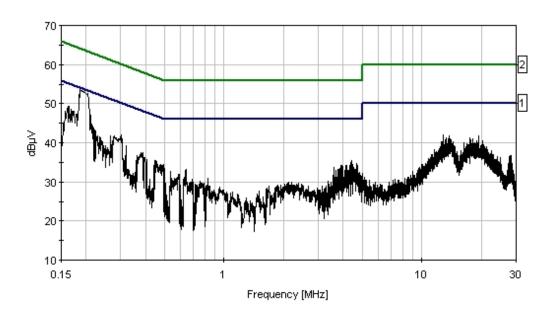


5	19.319M	33.7	+0.3	+6.1	+0.4	+1.2	+0.0	41.7	50.0	-8.3	White
6	13.301M	33.9	+0.2	+6.1	+0.4	+0.7	+0.0	41.3	50.0	-8.7	White
7	17.589M	33.5	+0.3	+6.1	+0.4	+1.0	+0.0	41.3	50.0	-8.7	White
8	13.328M	33.7	+0.2	+6.1	+0.4	+0.7	+0.0	41.1	50.0	-8.9	White
9	13.544M	33.7	+0.2	+6.1	+0.4	+0.7	+0.0	41.1	50.0	-8.9	White
10	13.869M	33.7	+0.2	+6.1	+0.4	+0.7	+0.0	41.1	50.0	-8.9	White
11	19.382M	33.0	+0.3	+6.1	+0.4	+1.2	+0.0	41.0	50.0	-9.0	White
12	13.688M	33.5	+0.2	+6.1	+0.4	+0.7	+0.0	40.9	50.0	-9.1	White
13	18.193M	33.0	+0.3	+6.1	+0.4	+1.1	+0.0	40.9	50.0	-9.1	White
14	17.706M	32.9	+0.3	+6.1	+0.4	+1.0	+0.0	40.7	50.0	-9.3	White
15	199.000k Ave	24.4	+0.2	+6.1	+0.1	+0.2	+0.0	31.0	53.7	-22.7	White
٨	199.000k	44.6	+0.2	+6.1	+0.1	+0.2	+0.0	51.2	53.7	-2.5	White

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CKC Laboratories, Inc. Date: 7/6/2007 Time: 15:40:01 KIC Corporation WO#: 86678 FCC 15:107 Class B COND [AVE] Test Lead: White 110V 60Hz Sequence#: 4



Sweep Data
2 - FCC 15.107 Class B COND [QP]

1 - FCC 15.107 Class B COND [AVE]



FCC 15.109 RADIATED EMISSIONS

Test Setup Photos







Test Data Sheets

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

Customer: KIC Corporation
Specification: FCC 15.109 Class B

 Work Order #:
 86678
 Date:
 7/6/2007

 Test Type:
 Radiated Scan
 Time:
 14:27:48

Equipment: Base Station Sequence#: 2
Manufacturer: KIC Corporation Tested By: E. Wong

Model: KIC Base Station

S/N: NA

Test Equipment:

z cot z quipinotiti					
Function	S/N	Calibration Date	Cal Due Date	Asset #	
Spectrum Analyzer	US44300438	01/03/2007	01/03/2009	02672	
Bilog Antenna	2451	02/02/2006	02/02/2008	01995	
Pre amp to SA Cable	Cable #10	05/16/2007	05/16/2009	P05050	
Cable	Cable15	01/05/2007	01/05/2009	P05198	
Pre Amp	1937A02548	06/01/2006	06/01/2008	00309	
Horn Antenna	6246	06/29/2006	06/29/2008	00849	
24" SMA Cable	1-26GHz_white	01/11/2007	01/11/2009	P05205	
Microwave Pre-amp	3123A00281	07/19/2006	07/19/2008	00786	
Heliax Antenna Cable	P5565	09/18/2006	09/18/2008	P05565	
1.5 GHz HPF	3643A00027	06/09/2007	06/09/2009	02116	

Equipment Under Test (* = EUT):

Function	Manufacturer	Model #	S/N
Base Station*	KIC Corporation	KIC Base Station	NA

Support Devices:

Function	Manufacturer	Model #	S/N
Power Supply	HP	5Y16544101	557C40ALLSGISW
Ethernet switch	Linksys	SD205	003600624
Laptop	HP	Pavillion DV100	CNF5501CBW

Test Conditions / Notes:

The single channel EUT is placed connected to the USB port of a support laptop, the antenna is orientated upright (intended operation) on a wooden table with Styrofoam surface of 5 cm thickness. The support laptop is running application to exercise the EUT continuously transmit and receive mode. A section of unterminated ethernet cable is terminated to a remote support ethernet switch. Frequency = 916.571MHz. 23°C, 61% relative humidity. Frequency range of measurement = 30 MHz - 10 GHz. Frequency 30 MHz - 1000 MHz RBW=120 kHz, VBW=120 kHz; 1000 MHz - 10,000 MHz RBW=1 MHz, VBW=1 MHz.

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Transducer Legend:
T1=Preamp 8447D 060108 T2=Bilog AN01995 020208 Chase T3=Cable #10 051609 T4=Cable #15, Site A, 010509 T5=Pre amp 1- 26GHz 071908 T6=54' Heliax Cable 091808 P05565 T7=Horn 00849_062908 T8=SMA-cable_W_05205-011109-26GHz

Measu	rement Data:	Re	eading lis	ted by ma	argin.		Те	est Distance	e: 3 Meters	}	
#	Freq	Rdng	T1	T2	T3	T4	Dist	Corr	Spec	Margin	Polar
			T5	T6	T7	T8					
	MHz	dΒμV	dB	dB	dB	dB	Table	$dB\muV/m$	$dB\muV/m$	dB	Ant
1	365.523M	51.7	-27.7	+14.9	+0.3	+3.6	+0.0	42.8	46.0	-3.2	Horiz
			+0.0	+0.0	+0.0	+0.0					
2	799.600M	41.2	-27.1	+21.9	+0.6	+5.5	+0.0	42.1	46.0	-3.9	Vert
	QP		+0.0	+0.0	+0.0	+0.0					
^	799.600M	47.4	-27.1	+21.9	+0.6	+5.5	+0.0	48.3	46.0	+2.3	Vert
			+0.0	+0.0	+0.0	+0.0					
4	798.273M	40.9	-27.1	+21.9	+0.6	+5.5	+0.0	41.8	46.0	-4.2	Horiz
	QP		+0.0	+0.0	+0.0	+0.0					
^	798.273M	44.5	-27.1	+21.9	+0.6	+5.5	+0.0	45.4	46.0	-0.6	Horiz
			+0.0	+0.0	+0.0	+0.0					
6	468.028M	47.2	-27.6	+17.5	+0.4	+4.1	+0.0	41.6	46.0	-4.4	Vert
			+0.0	+0.0	+0.0	+0.0					
7	103.243M	54.4	-27.7	+10.3	+0.2	+1.8	+0.0	39.0	43.5	-4.5	Vert
			+0.0	+0.0	+0.0	+0.0					
8	41.311M	48.3	-27.8	+13.4	+0.1	+1.1	+0.0	35.1	40.0	-4.9	Vert
			+0.0	+0.0	+0.0	+0.0					
9	64.773M	55.2	-27.7	+6.1	+0.1	+1.4	+0.0	35.1	40.0	-4.9	Vert
			+0.0	+0.0	+0.0	+0.0					
10	498.833M	46.0	-27.6	+18.1	+0.3	+4.2	+0.0	41.0	46.0	-5.0	Vert
	QP		+0.0	+0.0	+0.0	+0.0					
^	498.833M	50.2	-27.6	+18.1	+0.3	+4.2	+0.0	45.2	46.0	-0.8	Vert
			+0.0	+0.0	+0.0	+0.0					
12	65.619M	55.1	-27.7	+6.1	+0.0	+1.4	+0.0	34.9	40.0	-5.1	Vert
			+0.0	+0.0	+0.0	+0.0					
13	239.999M	53.4	-27.7	+11.8	+0.3	+2.8	+0.0	40.6	46.0	-5.4	Horiz
	QP		+0.0	+0.0	+0.0	+0.0					
^	239.998M	55.0	-27.7	+11.8	+0.3	+2.8	+0.0	42.2	46.0	-3.8	Horiz
			+0.0	+0.0	+0.0	+0.0					
15	166.302M	53.2	-27.7	+9.9	+0.3	+2.3	+0.0	38.0	43.5	-5.5	Horiz
			+0.0	+0.0	+0.0	+0.0					
16	498.150M	45.5	-27.6	+18.1	+0.3	+4.2	+0.0	40.5	46.0	-5.5	Vert
	QP		+0.0	+0.0	+0.0	+0.0					
٨	498.150M	50.1	-27.6	+18.1	+0.3	+4.2	+0.0	45.1	46.0	-0.9	Vert
			+0.0	+0.0	+0.0	+0.0		a= -			
18	102.052M	53.3	-27.7	+10.2	+0.2	+1.8	+0.0	37.8	43.5	-5.7	Vert
- 10	100.000		+0.0	+0.0	+0.0	+0.0		a= -	10.7		** .
19	182.223M	53.6	-27.7	+9.0	+0.3	+2.5	+0.0	37.7	43.5	-5.8	Horiz
	QP	# 0.0	+0.0	+0.0	+0.0	+0.0		42.0	10.7	^ -	TT .
٨	182.223M	58.9	-27.7	+9.0	+0.3	+2.5	+0.0	43.0	43.5	-0.5	Horiz
			+0.0	+0.0	+0.0	+0.0					

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21	44.311M	48.8	-27.8 +0.0	+11.8 +0.0	+0.1 +0.0	+1.1 +0.0	+0.0	34.0	40.0	-6.0	Vert
22	106 9061/	52.4					ι Ο Ο	27.2	43.5	-6.2	Vont
22	106.896M	32.4	-27.7	+10.5	+0.2	+1.9	+0.0	37.3	45.5	-0.2	Vert
- 22	100 27114	52.0	+0.0	+0.0	+0.0	+0.0	. 0. 0	27.2	12.5	()	TT
23	188.371M	53.2	-27.6	+8.9	+0.2	+2.5	+0.0	37.2	43.5	-6.3	Horiz
2.4	100.02515	45.0	+0.0	+0.0	+0.0	+0.0	0.0	20.7	46.0		X7 .
24	480.025M	45.2	-27.6	+17.7	+0.3	+4.1	+0.0	39.7	46.0	-6.3	Vert
25	520 5013 5	10.0	+0.0	+0.0	+0.0	+0.0	0.0	20.2	46.0		X7 .
25	520.581M	43.2	-27.5	+18.8	+0.4	+4.3	+0.0	39.2	46.0	-6.8	Vert
26	(27.21.6) [40.5	+0.0	+0.0	+0.0	+0.0	0.0	20.0	46.0	7.0	X7 .
26	637.316M	40.5	-27.2	+20.3	+0.5	+4.9	+0.0	39.0	46.0	-7.0	Vert
			+0.0	+0.0	+0.0	+0.0		• • • •			
27	239.073M	51.8	-27.7	+11.8	+0.3	+2.8	+0.0	39.0	46.0	-7.0	Horiz
			+0.0	+0.0	+0.0	+0.0					
28	365.926M	47.8	-27.7	+14.9	+0.3	+3.6	+0.0	38.9	46.0	-7.1	Vert
			+0.0	+0.0	+0.0	+0.0					
29	720.020M	38.9	-27.1	+21.3	+0.5	+5.2	+0.0	38.8	46.0	-7.2	Horiz
			+0.0	+0.0	+0.0	+0.0					
30	480.065M	44.1	-27.6	+17.7	+0.3	+4.1	+0.0	38.6	46.0	-7.4	Horiz
			+0.0	+0.0	+0.0	+0.0					
31	119.988M	49.9	-27.6	+11.3	+0.3	+2.0	+0.0	35.9	43.5	-7.6	Vert
			+0.0	+0.0	+0.0	+0.0					
32	86.618M	50.3	-27.8	+8.1	+0.1	+1.7	+0.0	32.4	40.0	-7.6	Vert
			+0.0	+0.0	+0.0	+0.0					
33	830.624M	36.5	-27.1	+22.8	+0.6	+5.6	+0.0	38.4	46.0	-7.6	Horiz
	QP		+0.0	+0.0	+0.0	+0.0					
٨	830.624M	41.6	-27.1	+22.8	+0.6	+5.6	+0.0	43.5	46.0	-2.5	Horiz
			+0.0	+0.0	+0.0	+0.0					
35	180.979M	51.7	-27.7	+9.0	+0.3	+2.5	+0.0	35.8	43.5	-7.7	Vert
			+0.0	+0.0	+0.0	+0.0					
36	816.023M	36.8	-27.1	+22.4	+0.6	+5.6	+0.0	38.3	46.0	-7.7	Horiz
			+0.0	+0.0	+0.0	+0.0					
37	1662.500M	56.0	+0.0	+0.0	+0.0	+0.0	+0.0	46.3	54.0	-7.7	Vert
			-39.1	+2.7	+25.4	+1.3					
38	522.831M	42.3	-27.5	+18.8	+0.4	+4.3	+0.0	38.3	46.0	-7.7	Vert
			+0.0	+0.0	+0.0	+0.0					
39	504.054M	43.0	-27.6	+18.2	+0.3	+4.2	+0.0	38.1	46.0	-7.9	Vert
			+0.0	+0.0	+0.0	+0.0					
40	664.300M	39.2	-27.1	+20.5	+0.5	+5.0	+0.0	38.1	46.0	-7.9	Vert
			+0.0	+0.0	+0.0	+0.0					
41	104.744M	50.8	-27.7	+10.4	+0.2	+1.8	+0.0	35.5	43.5	-8.0	Vert
	-		+0.0	+0.0	+0.0	+0.0					
42	518.591M	42.0	-27.5	+18.7	+0.4	+4.3	+0.0	37.9	46.0	-8.1	Vert
.2		0	+0.0	+0.0	+0.0	+0.0	. 0.0	/		J.1	. 526
43	432.308M	44.5	-27.7	+16.7	+0.4	+3.9	+0.0	37.8	46.0	-8.2	Vert
.5			+0.0	+0.0	+0.0	+0.0				J. _	. 510
44	468.015M	43.4	-27.6	+17.5	+0.4	+4.1	+0.0	37.8	46.0	-8.2	Horiz
	.00.010111		+0.0	+0.0	+0.0	+0.0	. 0.0	20		3.2	110112
L			, 3.0	10.0	. 0.0	, 5.0					

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45	183.979M	51.1	-27.7	+9.0	+0.3	+2.5	+0.0	35.2	43.5	-8.3	Vert
	001.0653.5	27.0	+0.0	+0.0	+0.0	+0.0	0.0	25.5	450	0.0	**
46	831.965M	35.8	-27.1 +0.0	$+22.8 \\ +0.0$	$+0.6 \\ +0.0$	+5.6 +0.0	+0.0	37.7	46.0	-8.3	Vert
47	602.067M	40.0	-27.4	+19.8	+0.5	+4.7	+0.0	37.6	46.0	-8.4	Vert
4/	002.007WI	40.0	+0.0	+19.8	+0.0	+0.0	+0.0	37.0	40.0	-0.4	Vert
48	815.996M	36.0	-27.1	+22.4	+0.6	+5.6	+0.0	37.5	46.0	-8.5	Vert
	010.550111	20.0	+0.0	+0.0	+0.0	+0.0	10.0	37.5	10.0	0.0	, 610
49	665.050M	38.5	-27.1	+20.5	+0.5	+5.0	+0.0	37.4	46.0	-8.6	Vert
			+0.0	+0.0	+0.0	+0.0					
50	100.552M	50.5	-27.7	+10.1	+0.2	+1.8	+0.0	34.9	43.5	-8.6	Vert
			+0.0	+0.0	+0.0	+0.0					
51	111.396M	49.6	-27.7	+10.8	+0.2	+1.9	+0.0	34.8	43.5	-8.7	Vert
			+0.0	+0.0	+0.0	+0.0					
52	158.343M	49.6	-27.7	+10.3	+0.2	+2.3	+0.0	34.7	43.5	-8.8	Horiz
			+0.0	+0.0	+0.0	+0.0					
53	60.517M	51.2	-27.7	+6.2	+0.1	+1.3	+0.0	31.1	40.0	-8.9	Vert
			+0.0	+0.0	+0.0	+0.0					
54	432.382M	43.7	-27.7	+16.7	+0.4	+3.9	+0.0	37.0	46.0	-9.0	Horiz
			+0.0	+0.0	+0.0	+0.0					
55	184.729M	50.4	-27.7	+9.0	+0.3	+2.5	+0.0	34.5	43.5	-9.0	Vert
		• • • •	+0.0	+0.0	+0.0	+0.0				, , ,	
56	336.182M	46.6	-27.6	+14.2	+0.3	+3.4	+0.0	36.9	46.0	-9.1	Horiz
			+0.0	+0.0	+0.0	+0.0					
57	194.398M	50.2	-27.6	+8.9	+0.2	+2.6	+0.0	34.3	43.5	-9.2	Horiz
			+0.0	+0.0	+0.0	+0.0					
58	633.007M	38.3	-27.2	+20.2	+0.5	+4.8	+0.0	36.6	46.0	-9.4	Horiz
			+0.0	+0.0	+0.0	+0.0					
59	85.868M	48.4	-27.8	+8.1	+0.1	+1.7	+0.0	30.5	40.0	-9.5	Vert
			+0.0	+0.0	+0.0	+0.0					
60	163.477M	49.0	-27.7	+10.0	+0.3	+2.3	+0.0	33.9	43.5	-9.6	Horiz
			+0.0	+0.0	+0.0	+0.0					
61	188.479M	49.9	-27.6	+8.9	+0.2	+2.5	+0.0	33.9	43.5	-9.6	Vert
			+0.0	+0.0	+0.0	+0.0					
62	560.006M	39.0	-27.4	+19.7	+0.5	+4.5	+0.0	36.3	46.0	-9.7	Vert
			+0.0	+0.0	+0.0	+0.0					
63	114.395M	48.2	-27.6	+11.0	+0.3	+1.9	+0.0	33.8	43.5	-9.7	Vert
			+0.0	+0.0	+0.0	+0.0					
64	444.023M	42.3	-27.6	+17.0	+0.4	+4.0	+0.0	36.1	46.0	-9.9	Horiz
			+0.0	+0.0	+0.0	+0.0					
65	189.979M	49.6	-27.6	+8.9	+0.2	+2.5	+0.0	33.6	43.5	-9.9	Vert
			+0.0	+0.0	+0.0	+0.0					
66	664.507M	37.2	-27.1	+20.5	+0.5	+5.0	+0.0	36.1	46.0	-9.9	Horiz
L			+0.0	+0.0	+0.0	+0.0					
67	119.334M	47.6	-27.6	+11.3	+0.3	+2.0	+0.0	33.6	43.5	-9.9	Vert
			+0.0	+0.0	+0.0	+0.0					
68	516.054M	40.2	-27.5	+18.6	+0.4	+4.3	+0.0	36.0	46.0	-10.0	Vert
			+0.0	+0.0	+0.0	+0.0					

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69	177.229M	49.3	-27.7	+9.2	+0.3	+2.4	+0.0	33.5	43.5	-10.0	Vert
			+0.0	+0.0	+0.0	+0.0					
70	150.143M	47.7	-27.7 +0.0	$+11.0 \\ +0.0$	+0.2 +0.0	+2.2 +0.0	+0.0	33.4	43.5	-10.1	Horiz
71	632.065M	37.6	-27.2	+20.2	+0.5	+4.8	+0.0	35.9	46.0	-10.1	Vert
/1	032.003WI	37.0	+0.0	+20.2	+0.0	+0.0	+0.0	33.9	40.0	-10.1	Vert
72	698.050M	36.8	-27.1	+20.6	+0.5	+5.1	+0.0	35.9	46.0	-10.1	Vert
			+0.0	+0.0	+0.0	+0.0					
73	61.994M	49.9	-27.7	+6.2	+0.1	+1.3	+0.0	29.8	40.0	-10.2	Vert
			+0.0	+0.0	+0.0	+0.0					
74	764.248M	34.8	-27.0	+22.1	+0.5	+5.4	+0.0	35.8	46.0	-10.2	Horiz
			+0.0	+0.0	+0.0	+0.0					
75	178.729M	49.2	-27.7	+9.1	+0.3	+2.4	+0.0	33.3	43.5	-10.2	Vert
			+0.0	+0.0	+0.0	+0.0					
76	626.640M	37.4	-27.2	+20.1	+0.5	+4.8	+0.0	35.6	46.0	-10.4	Vert
			+0.0	+0.0	+0.0	+0.0					
77	133.105M	46.9	-27.6	+11.4	+0.3	+2.1	+0.0	33.1	43.5	-10.4	Vert
			+0.0	+0.0	+0.0	+0.0					
78	127.698M	46.9	-27.6	+11.5	+0.3	+2.0	+0.0	33.1	43.5	-10.4	Vert
			+0.0	+0.0	+0.0	+0.0					
79	135.677M	46.8	-27.6	+11.4	+0.3	+2.1	+0.0	33.0	43.5	-10.5	Horiz
			+0.0	+0.0	+0.0	+0.0					
80	131.448M	46.8	-27.6	+11.4	+0.3	+2.1	+0.0	33.0	43.5	-10.5	Vert
			+0.0	+0.0	+0.0	+0.0					
81	174.229M	48.6	-27.7	+9.4	+0.3	+2.4	+0.0	33.0	43.5	-10.5	Vert
			+0.0	+0.0	+0.0	+0.0					
82	182.479M	48.8	-27.7	+9.0	+0.3	+2.5	+0.0	32.9	43.5	-10.6	Vert
			+0.0	+0.0	+0.0	+0.0					
83	122.988M	46.7	-27.6	+11.4	+0.3	+2.0	+0.0	32.8	43.5	-10.7	Vert
			+0.0	+0.0	+0.0	+0.0					
84	607.317M	37.5	-27.4	+19.9	+0.5	+4.7	+0.0	35.2	46.0	-10.8	Vert
			+0.0	+0.0	+0.0	+0.0					
85	176.479M	48.3	-27.7	+9.3	+0.3	+2.4	+0.0	32.6	43.5	-10.9	Vert
			+0.0	+0.0	+0.0	+0.0					
86	139.135M	46.7	-27.7	+11.3	+0.2	+2.1	+0.0	32.6	43.5	-10.9	Horiz
			+0.0	+0.0	+0.0	+0.0					
87	365.479M	43.9	-27.7	+14.9	+0.3	+3.6	+0.0	35.0	46.0	-11.0	Vert
			+0.0	+0.0	+0.0	+0.0					
88	492.021M	40.2	-27.6	+17.9	+0.3	+4.2	+0.0	35.0	46.0	-11.0	Vert
			+0.0	+0.0	+0.0	+0.0					
89	329.732M	44.8	-27.6	+14.0	+0.3	+3.4	+0.0	34.9	46.0	-11.1	Horiz
			+0.0	+0.0	+0.0	+0.0					
90	218.498M	49.3	-27.6	+10.3	+0.2	+2.7	+0.0	34.9	46.0	-11.1	Horiz
			+0.0	+0.0	+0.0	+0.0					
91	131.727M	46.2	-27.6	+11.4	+0.3	+2.1	+0.0	32.4	43.5	-11.1	Horiz
			+0.0	+0.0	+0.0	+0.0					
92	629.978M	36.5	-27.2	+20.2	+0.5	+4.8	+0.0	34.8	46.0	-11.2	Vert
			+0.0	+0.0	+0.0	+0.0					

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93	127.960M	46.0	-27.6 +0.0	$+11.5 \\ +0.0$	+0.3 +0.0	+2.0 +0.0	+0.0	32.2	43.5	-11.3	Horiz
04	898.123M	32.3	-27.2	+23.2			+0.0	34.6	16.0	-11.4	Цота
94	070.123IVI	32.3	-27.2 +0.0	+23.2 +0.0	$+0.4 \\ +0.0$	+5.9 +0.0	+0.0	34.0	46.0	-11.4	Horiz
95	153.843M	46.4	-27.7	+10.7	+0.2	+2.2	+0.0	31.8	43.5	-11.7	Horiz
	-22.013111	10. 1	+0.0	+0.0	+0.0	+0.0	. 5.0	21.0	.5.5	11.1	110111
96	249.965M	46.3	-27.7	+12.5	+0.3	+2.9	+0.0	34.3	46.0	-11.7	Horiz
		.0.5	+0.0	+0.0	+0.0	+0.0	. 5.0	25		11.1	110112
97	115.895M	46.1	-27.6	+11.1	+0.3	+1.9	+0.0	31.8	43.5	-11.7	Vert
			+0.0	+0.0	+0.0	+0.0					
98	384.057M	42.2	-27.7	+15.4	+0.4	+3.6	+0.0	33.9	46.0	-12.1	Vert
			+0.0	+0.0	+0.0	+0.0					
99	123.727M	45.0	-27.6	+11.4	+0.3	+2.0	+0.0	31.1	43.5	-12.4	Horiz
			+0.0	+0.0	+0.0	+0.0				•	
100	199.498M	47.1	-27.6	+8.8	+0.2	+2.6	+0.0	31.1	43.5	-12.4	Horiz
			+0.0	+0.0	+0.0	+0.0	-		· -		-
101	844.740M	31.1	-27.1	+23.2	+0.6	+5.7	+0.0	33.5	46.0	-12.5	Vert
			+0.0	+0.0	+0.0	+0.0	-	-			-
102	501.082M	38.4	-27.6	+18.1	+0.3	+4.2	+0.0	33.4	46.0	-12.6	Vert
			+0.0	+0.0	+0.0	+0.0				-	
103	170.479M	46.2	-27.7	+9.6	+0.3	+2.4	+0.0	30.8	43.5	-12.7	Vert
L			+0.0	+0.0	+0.0	+0.0	_				
104	143.577M	44.8	-27.7	+11.2	+0.2	+2.2	+0.0	30.7	43.5	-12.8	Horiz
			+0.0	+0.0	+0.0	+0.0					
105	359.998M	42.2	-27.6	+14.8	+0.3	+3.5	+0.0	33.2	46.0	-12.8	Horiz
			+0.0	+0.0	+0.0	+0.0					
106	209.898M	45.8	-27.6	+9.6	+0.2	+2.6	+0.0	30.6	43.5	-12.9	Horiz
			+0.0	+0.0	+0.0	+0.0					
107	456.023M	39.0	-27.6	+17.2	+0.4	+4.0	+0.0	33.0	46.0	-13.0	Horiz
			+0.0	+0.0	+0.0	+0.0					
108	697.948M	33.8	-27.1	+20.6	+0.5	+5.1	+0.0	32.9	46.0	-13.1	Horiz
			+0.0	+0.0	+0.0	+0.0					
109	165.979M	45.5	-27.7	+9.9	+0.3	+2.3	+0.0	30.3	43.5	-13.2	Vert
			+0.0	+0.0	+0.0	+0.0					
110	1330.000M	52.2	+0.0	+0.0	+0.0	+0.0	+0.0	40.6	54.0	-13.4	Vert
			-39.8	+2.3	+24.8	+1.1					
111	205.223M	45.6	-27.6	+9.2	+0.2	+2.6	+0.0	30.0	43.5	-13.5	Horiz
			+0.0	+0.0	+0.0	+0.0					
112	383.982M	40.6	-27.7	+15.4	+0.4	+3.6	+0.0	32.3	46.0	-13.7	Horiz
			+0.0	+0.0	+0.0	+0.0					
113	162.979M	44.9	-27.7	+10.0	+0.3	+2.3	+0.0	29.8	43.5	-13.7	Vert
			+0.0	+0.0	+0.0	+0.0					
114	512.304M	36.5	-27.5	+18.5	+0.4	+4.3	+0.0	32.2	46.0	-13.8	Vert
			+0.0	+0.0	+0.0	+0.0					
115	299.465M	43.2	-27.6	+13.2	+0.2	+3.2	+0.0	32.2	46.0	-13.8	Horiz
			+0.0	+0.0	+0.0	+0.0					
116	543.150M	35.1	-27.4	+19.5	+0.5	+4.5	+0.0	32.2	46.0	-13.8	Vert
			+0.0	+0.0	+0.0	+0.0					

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117	154.729M	44.4	-27.7 +0.0	+10.6 +0.0	+0.2 +0.0	+2.2 +0.0	+0.0	29.7	43.5	-13.8	Vert
110	1662 500M	40.0					.00	40.1	5 40	12.0	II
110	1662.500M	49.8	+0.0	+0.0	+0.0	+0.0	+0.0	40.1	54.0	-13.9	Horiz
110	456.02034	20.1	-39.1	+2.7	+25.4	+1.3	. 0. 0	20.1	46.0	12.0	X7 .
119	456.028M	38.1	-27.6	+17.2	+0.4	+4.0	+0.0	32.1	46.0	-13.9	Vert
120	244 4003 5	44.4	+0.0	+0.0	+0.0	+0.0	0.0	22.0	16.0	1.1.0	77 .
120	244.498M	44.4	-27.7	+12.1	+0.3	+2.9	+0.0	32.0	46.0	-14.0	Horiz
101	007 6001	27.6	+0.0	+0.0	+0.0	+0.0	0.0	40.0	740	1.1.0	T 7
121	997.690M	35.6	-27.2	+24.6	+0.7	+6.3	+0.0	40.0	54.0	-14.0	Vert
100	221 470) (160	+0.0	+0.0	+0.0	+0.0	0.0	22.0	46.0	1.1.0	T 7
122	221.479M	46.2	-27.6	+10.5	+0.2	+2.7	+0.0	32.0	46.0	-14.0	Vert
			+0.0	+0.0	+0.0	+0.0					
123	159.229M	44.3	-27.7	+10.3	+0.2	+2.3	+0.0	29.4	43.5	-14.1	Vert
			+0.0	+0.0	+0.0	+0.0					
124	213.807M	44.1	-27.6	+9.9	+0.2	+2.7	+0.0	29.3	43.5	-14.2	Horiz
			+0.0	+0.0	+0.0	+0.0					
125	504.065M	36.6	-27.6	+18.2	+0.3	+4.2	+0.0	31.7	46.0	-14.3	Horiz
			+0.0	+0.0	+0.0	+0.0					
126	465.778M	37.3	-27.6	+17.4	+0.4	+4.1	+0.0	31.6	46.0	-14.4	Vert
			+0.0	+0.0	+0.0	+0.0					
127	307.232M	42.3	-27.6	+13.4	+0.2	+3.2	+0.0	31.5	46.0	-14.5	Horiz
			+0.0	+0.0	+0.0	+0.0					
128	109.585M	43.9	-27.7	+10.7	+0.2	+1.9	+0.0	29.0	43.5	-14.5	Horiz
			+0.0	+0.0	+0.0	+0.0					
129	215.479M	43.4	-27.6	+10.0	+0.2	+2.7	+0.0	28.7	43.5	-14.8	Vert
			+0.0	+0.0	+0.0	+0.0					
130	587.006M	33.6	-27.4	+19.8	+0.5	+4.6	+0.0	31.1	46.0	-14.9	Vert
			+0.0	+0.0	+0.0	+0.0					
131	219.229M	45.5	-27.6	+10.3	+0.2	+2.7	+0.0	31.1	46.0	-14.9	Vert
			+0.0	+0.0	+0.0	+0.0					
132	372.040M	39.7	-27.7	+15.1	+0.3	+3.6	+0.0	31.0	46.0	-15.0	Horiz
			+0.0	+0.0	+0.0	+0.0					
133	766.221M	29.9	-27.0	+22.1	+0.5	+5.4	+0.0	30.9	46.0	-15.1	Vert
			+0.0	+0.0	+0.0	+0.0					
134	119.410M	42.4	-27.6	+11.3	+0.3	+2.0	+0.0	28.4	43.5	-15.1	Horiz
			+0.0	+0.0	+0.0	+0.0					
135	764.721M	29.8	-27.0	+22.1	+0.5	+5.4	+0.0	30.8	46.0	-15.2	Vert
			+0.0	+0.0	+0.0	+0.0					
136	773.147M	29.7	-27.0	+22.1	+0.5	+5.4	+0.0	30.7	46.0	-15.3	Vert
			+0.0	+0.0	+0.0	+0.0					
137	730.221M	30.3	-27.0	+21.6	+0.5	+5.2	+0.0	30.6	46.0	-15.4	Vert
			+0.0	+0.0	+0.0	+0.0					
138	192.979M	44.1	-27.6	+8.9	+0.2	+2.5	+0.0	28.1	43.5	-15.4	Vert
			+0.0	+0.0	+0.0	+0.0					
139	201.979M	43.7	-27.6	+9.0	+0.2	+2.6	+0.0	27.9	43.5	-15.6	Vert
			+0.0	+0.0	+0.0	+0.0					
140	430.058M	37.2	-27.7	+16.6	+0.4	+3.9	+0.0	30.4	46.0	-15.6	Vert
			+0.0	+0.0	+0.0	+0.0					
_											

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141 213.229M												
142 532.581M 33.8 -27.5 +19.2 +0.4 +4.4 +0.0 30.3 46.0 -15.7 Vert	141	213.229M	42.7					+0.0	27.9	43.5	-15.6	Vert
143 212.479M 42.5 -27.6 +9.8 +0.2 +2.7 +0.0 27.6 43.5 -15.9 Vert												
143 212.479M	142	532.581M	33.8					+0.0	30.3	46.0	-15.7	Vert
$ \begin{array}{c ccccccccccccccccccccccccccccccccccc$	1.42	212.47014	10.5					· O O	27.6	12 5	15.0	1 7
$ \begin{array}{c ccccccccccccccccccccccccccccccccccc$	143	212.4/9IVI	42.5					+0.0	27.0	43.3	-15.9	vert
+0.0	1/1/1	477 624M	35.6					±0.0	30.1	46.0	-15 9	Vert
145	177	4//.024WI	33.0					10.0	30.1	40.0	-13.7	VCIt
146 737.248M 29.4 -27.6 -27.8 +10.0 +	145	488.454M	35.2					+0.0	30.0	46.0	-16.0	Vert
146 737.248M 29.4 -27.0 +21.8 +0.5 +5.3 +0.0 30.0 46.0 -16.0 Horiz 147 531.232M 33.6 -27.5 +19.1 +0.4 +4.4 +0.0 30.0 46.0 -16.0 Horiz 148 546.107M 32.8 -27.4 +19.6 +0.5 +4.5 +0.0 30.0 46.0 -16.0 Horiz 149 36.678M 34.8 -27.8 +15.8 +0.1 +1.0 +0.0 23.9 40.0 -16.1 Horiz 150 353.923M 39.1 -27.6 +14.6 +0.3 +3.5 +0.0 29.9 46.0 -16.1 Horiz 151 420.015M 37.0 -27.7 +16.3 +0.4 +3.8 +0.0 29.8 46.0 -16.2 Horiz 152 464.490M 35.4 -27.6 +17.4 +0.4 +4.1 +0.0 29.7 46.0 -16.3 Horiz 153 374.986M 38.2 -27.7 +15.2 +0.4 +3.6 +0.0 29.7 46.0 -16.3 Horiz 154 210.229M 42.4 -27.6 +9.6 +0.2 +2.6 +0.0 27.2 43.5 -16.3 Vert 154 210.229M 42.4 -27.6 +9.6 +0.2 +2.6 +0.0 29.7 46.0 -16.3 Horiz 154 210.229M 42.4 -27.6 +9.6 +0.2 +2.6 +0.0 29.7 46.0 -16.3 Horiz 155 399.757M 37.6 -27.8 +15.8 +0.4 +3.7 +0.0 29.7 46.0 -16.3 Horiz 156 249.229M 41.7 -27.7 +12.4 +0.3 +2.9 +0.0 29.6 46.0 -16.4 Vert 157 444.028M 35.8 -27.6 +17.0 +0.4 +4.0 +0.0 29.6 46.0 -16.4 Vert 158 109.585M 41.9 -27.7 +10.7 +0.2 +1.9 +0.0 29.6 46.0 -16.4 Vert 159 325.232M 39.4 -27.6 +13.9 +0.3 +3.4 +0.0 29.2 46.0 -16.6 Horiz 160 254.465M 41.1 -27.7 +12.6 +0.3 +2.9 +0.0 29.2 46.0 -16.8 Horiz 160 254.465M 41.1 -27.7 +12.6 +0.3 +2.9 +0.0 29.2 46.0 -16.8 Horiz 160 254.465M 41.1 -27.7 +12.6 +0.3 +2.9 +0.0 29.2 46.0 -16.8 Horiz												
+0.0	146	737.248M	29.4					+0.0	30.0	46.0	-16.0	Horiz
147 531.232M 33.6 -27.5 +19.1 +0.4 +4.4 +0.0 30.0 46.0 -16.0 Horiz +0.0												
+0.0	147	531.232M	33.6					+0.0	30.0	46.0	-16.0	Horiz
$ \begin{array}{c ccccccccccccccccccccccccccccccccccc$												
149 36.678M 34.8 -27.8 +15.8 +0.1 +1.0 +0.0 23.9 40.0 -16.1 Horiz +0.0 +	148	546.107M	32.8					+0.0	30.0	46.0	-16.0	Horiz
149 36.678M 34.8 -27.8 +15.8 +0.1 +1.0 +0.0 23.9 40.0 -16.1 Horiz 150 353.923M 39.1 -27.6 +14.6 +0.3 +3.5 +0.0 29.9 46.0 -16.1 Horiz 151 420.015M 37.0 -27.7 +16.3 +0.4 +3.8 +0.0 29.8 46.0 -16.2 Horiz 152 464.490M 35.4 -27.6 +17.4 +0.4 +4.1 +0.0 29.7 46.0 -16.3 Horiz 153 374.986M 38.2 -27.7 +15.2 +0.4 +3.6 +0.0 29.7 46.0 -16.3 Horiz 154 210.229M 42.4 -27.6 +9.6 +0.2 +2.6 +0.0 27.2 43.5 -16.3 Vert 155 399.757M 37.6 -27.8 +15.8 +0.4 +3.7 +0.0 29.7 46.0 -16.3 Horiz												
150 353.923M 39.1 -27.6 +14.6 +0.3 +3.5 +0.0 29.9 46.0 -16.1 Horiz +0.0 +0.0 +0.0 +0.0 +0.0 +0.0 +0.0 +0.0 +0.0	149	36.678M	34.8					+0.0	23.9	40.0	-16.1	Horiz
$\begin{array}{c ccccccccccccccccccccccccccccccccccc$				+0.0	+0.0	+0.0						
$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	150	353.923M	39.1	-27.6	+14.6	+0.3	+3.5	+0.0	29.9	46.0	-16.1	Horiz
+0.0												
152 464.490M 35.4 -27.6 +17.4 +0.4 +4.1 +0.0 29.7 46.0 -16.3 Horiz +0.0	151	420.015M	37.0	-27.7	+16.3	+0.4	+3.8	+0.0	29.8	46.0	-16.2	Horiz
+0.0				+0.0	+0.0	+0.0	+0.0					
153 374.986M 38.2 -27.7 +15.2 +0.4 +3.6 +0.0 29.7 46.0 -16.3 Vert 154 210.229M 42.4 -27.6 +9.6 +0.2 +2.6 +0.0 27.2 43.5 -16.3 Vert 155 399.757M 37.6 -27.8 +15.8 +0.4 +3.7 +0.0 29.7 46.0 -16.3 Horiz 156 249.229M 41.7 -27.7 +12.4 +0.3 +2.9 +0.0 29.6 46.0 -16.4 Vert 157 444.028M 35.8 -27.6 +17.0 +0.4 +4.0 +0.0 29.6 46.0 -16.4 Vert 158 109.585M 41.9 -27.7 +10.7 +0.2 +1.9 +0.0 27.0 43.5 -16.5 Horiz 159 325.232M 39.4 -27.6 +13.9 +0.3 +3.4 +0.0 29.4 46.0 -16.6 Horiz 160 254.465M 41.1 -27.7 +12.6 +0.3 +2.9 +0.0	152	464.490M	35.4	-27.6	+17.4	+0.4	+4.1	+0.0	29.7	46.0	-16.3	Horiz
+0.0				+0.0	+0.0	+0.0	+0.0					
154 210.229M 42.4 -27.6 +9.6 +0.2 +2.6 +0.0 27.2 43.5 -16.3 Vert 155 399.757M 37.6 -27.8 +15.8 +0.4 +3.7 +0.0 29.7 46.0 -16.3 Horiz 156 249.229M 41.7 -27.7 +12.4 +0.3 +2.9 +0.0 29.6 46.0 -16.4 Vert 157 444.028M 35.8 -27.6 +17.0 +0.4 +4.0 +0.0 29.6 46.0 -16.4 Vert 158 109.585M 41.9 -27.7 +10.7 +0.2 +1.9 +0.0 27.0 43.5 -16.5 Horiz 159 325.232M 39.4 -27.6 +13.9 +0.3 +3.4 +0.0 29.4 46.0 -16.6 Horiz 160 254.465M 41.1 -27.7 +12.6 +0.3 +2.9 +0.0 29.2 46.0 -16.8 Horiz	153	374.986M	38.2	-27.7	+15.2	+0.4	+3.6	+0.0	29.7	46.0	-16.3	Vert
+0.0 +0.0 +0.0 +0.0 155 399.757M 37.6 -27.8 +15.8 +0.4 +3.7 +0.0 29.7 46.0 -16.3 Horiz 156 249.229M 41.7 -27.7 +12.4 +0.3 +2.9 +0.0 29.6 46.0 -16.4 Vert 157 444.028M 35.8 -27.6 +17.0 +0.4 +4.0 +0.0 29.6 46.0 -16.4 Vert 158 109.585M 41.9 -27.7 +10.7 +0.2 +1.9 +0.0 27.0 43.5 -16.5 Horiz 159 325.232M 39.4 -27.6 +13.9 +0.3 +3.4 +0.0 29.4 46.0 -16.6 Horiz 160 254.465M 41.1 -27.7 +12.6 +0.3 +2.9 +0.0 29.2 46.0 -16.8 Horiz				+0.0	+0.0	+0.0	+0.0					
155 399.757M 37.6 -27.8 +15.8 +0.4 +3.7 +0.0 29.7 46.0 -16.3 Horiz 156 249.229M 41.7 -27.7 +12.4 +0.3 +2.9 +0.0 29.6 46.0 -16.4 Vert 157 444.028M 35.8 -27.6 +17.0 +0.4 +4.0 +0.0 29.6 46.0 -16.4 Vert 158 109.585M 41.9 -27.7 +10.7 +0.2 +1.9 +0.0 27.0 43.5 -16.5 Horiz 159 325.232M 39.4 -27.6 +13.9 +0.3 +3.4 +0.0 29.4 46.0 -16.6 Horiz 160 254.465M 41.1 -27.7 +12.6 +0.3 +2.9 +0.0 29.2 46.0 -16.8 Horiz	154	210.229M	42.4					+0.0	27.2	43.5	-16.3	Vert
+0.0 +0.0 +0.0 +0.0 +0.0 156 249.229M 41.7 -27.7 +12.4 +0.3 +2.9 +0.0 29.6 46.0 -16.4 Vert +0.0 +0.0 +0.0 +0.0 +0.0 157 444.028M 35.8 -27.6 +17.0 +0.4 +4.0 +0.0 29.6 46.0 -16.4 Vert +0.0 +0.0 +0.0 +0.0 +0.0 158 109.585M 41.9 -27.7 +10.7 +0.2 +1.9 +0.0 27.0 43.5 -16.5 Horiz +0.0 +0.0 +0.0 +0.0 +0.0 159 325.232M 39.4 -27.6 +13.9 +0.3 +3.4 +0.0 29.4 46.0 -16.6 Horiz +0.0 +0.0 +0.0 +0.0 +0.0 160 254.465M 41.1 -27.7 +12.6 +0.3 +2.9 +0.0 29.2 46.0 -16.8 Horiz				+0.0		+0.0	+0.0					
156 249.229M 41.7 -27.7 +12.4 +0.3 +2.9 +0.0 29.6 46.0 -16.4 Vert 157 444.028M 35.8 -27.6 +17.0 +0.4 +4.0 +0.0 29.6 46.0 -16.4 Vert 158 109.585M 41.9 -27.7 +10.7 +0.2 +1.9 +0.0 27.0 43.5 -16.5 Horiz 159 325.232M 39.4 -27.6 +13.9 +0.3 +3.4 +0.0 29.4 46.0 -16.6 Horiz 160 254.465M 41.1 -27.7 +12.6 +0.3 +2.9 +0.0 29.2 46.0 -16.8 Horiz	155	399.757M	37.6					+0.0	29.7	46.0	-16.3	Horiz
+0.0 +0.0 +0.0 +0.0 +0.0 157 444.028M 35.8 -27.6 +17.0 +0.4 +4.0 +0.0 29.6 46.0 -16.4 Vert +0.0 +0.0 +0.0 +0.0 158 109.585M 41.9 -27.7 +10.7 +0.2 +1.9 +0.0 27.0 43.5 -16.5 Horiz +0.0 +0.0 +0.0 +0.0 159 325.232M 39.4 -27.6 +13.9 +0.3 +3.4 +0.0 29.4 46.0 -16.6 Horiz +0.0 +0.0 +0.0 +0.0 160 254.465M 41.1 -27.7 +12.6 +0.3 +2.9 +0.0 29.2 46.0 -16.8 Horiz					+0.0	+0.0						
157 444.028M 35.8 -27.6 +17.0 +0.4 +4.0 +0.0 29.6 46.0 -16.4 Vert 158 109.585M 41.9 -27.7 +10.7 +0.2 +1.9 +0.0 27.0 43.5 -16.5 Horiz 159 325.232M 39.4 -27.6 +13.9 +0.3 +3.4 +0.0 29.4 46.0 -16.6 Horiz 160 254.465M 41.1 -27.7 +12.6 +0.3 +2.9 +0.0 29.2 46.0 -16.8 Horiz	156	249.229M	41.7					+0.0	29.6	46.0	-16.4	Vert
+0.0 +0.0 +0.0 +0.0 158 109.585M 41.9 -27.7 +10.7 +0.2 +1.9 +0.0 27.0 43.5 -16.5 Horiz 159 325.232M 39.4 -27.6 +13.9 +0.3 +3.4 +0.0 29.4 46.0 -16.6 Horiz 160 254.465M 41.1 -27.7 +12.6 +0.3 +2.9 +0.0 29.2 46.0 -16.8 Horiz						+0.0	+0.0					
158 109.585M 41.9 -27.7 +10.7 +0.2 +1.9 +0.0 27.0 43.5 -16.5 Horiz +0.0 +0.0 +0.0 +0.0 +0.0 159 325.232M 39.4 -27.6 +13.9 +0.3 +3.4 +0.0 29.4 46.0 -16.6 Horiz +0.0 +0.0 +0.0 +0.0 160 254.465M 41.1 -27.7 +12.6 +0.3 +2.9 +0.0 29.2 46.0 -16.8 Horiz	157	444.028M	35.8					+0.0	29.6	46.0	-16.4	Vert
+0.0 +0.0 +0.0 +0.0 159 325.232M 39.4 -27.6 +13.9 +0.3 +3.4 +0.0 29.4 46.0 -16.6 Horiz +0.0 +0.0 +0.0 +0.0 160 254.465M 41.1 -27.7 +12.6 +0.3 +2.9 +0.0 29.2 46.0 -16.8 Horiz												
159 325.232M 39.4 -27.6 +13.9 +0.3 +3.4 +0.0 29.4 46.0 -16.6 Horiz +0.0 +0.0 +0.0 +0.0 +0.0 160 254.465M 41.1 -27.7 +12.6 +0.3 +2.9 +0.0 29.2 46.0 -16.8 Horiz	158	109.585M	41.9					+0.0	27.0	43.5	-16.5	Horiz
+0.0 +0.0 +0.0 +0.0 160 254.465M 41.1 -27.7 +12.6 +0.3 +2.9 +0.0 29.2 46.0 -16.8 Horiz												
160 254.465M 41.1 -27.7 +12.6 +0.3 +2.9 +0.0 29.2 46.0 -16.8 Horiz	159	325.232M	39.4					+0.0	29.4	46.0	-16.6	Horiz
		05/ / 2== =						2 -	200			** *
$+\Omega\Omega = +\Omega\Omega = +\Omega\Omega = +\Omega\Omega$	160	254.465M	41.1					+0.0	29.2	46.0	-16.8	Horiz
	4	204 2222	40.7	+0.0	+0.0	+0.0	+0.0	0.0	2.5.5	10.7	4 - 0	**
161 201.229M 42.5 -27.6 +8.9 +0.2 +2.6 +0.0 26.6 43.5 -16.9 Vert	161	201.229M	42.5					+0.0	26.6	43.5	-16.9	Vert
+0.0 +0.0 +0.0 +0.0	4	205 (222 5	40.0					0.0	20.0	4.5.0	4= ^	** .
162 227.498M 42.8 -27.6 +10.9 +0.2 +2.7 +0.0 29.0 46.0 -17.0 Horiz	162	227.498M	42.8					+0.0	29.0	46.0	-17.0	Horiz
$+ \alpha \alpha + \alpha \alpha + \alpha \alpha + \alpha \alpha + \alpha \alpha$	1.00	FF0 (F03 F	21.5	+0.0	+0.0	+0.0	+0.0	0.0	20.0	46.0	150	***
	163	550.650M	31.7					+0.0	29.0	46.0	-17.0	Vert
163 550.650M 31.7 -27.4 +19.7 +0.5 +4.5 +0.0 29.0 46.0 -17.0 Vert	1.64	202 4703 4	42.0					.0.0	26.2	42.7	17.0	X 7
163 550.650M 31.7 -27.4 +19.7 +0.5 +4.5 +0.0 29.0 46.0 -17.0 Vert +0.0 +0.0 +0.0 +0.0	164	203.479M	42.0					+0.0	26.3	43.5	-17.2	vert
163 550.650M 31.7 -27.4 +19.7 +0.5 +4.5 +0.0 29.0 46.0 -17.0 Vert +0.0 +0.0 +0.0 +0.0 +0.0 164 203.479M 42.0 -27.6 +9.1 +0.2 +2.6 +0.0 26.3 43.5 -17.2 Vert				+0.0	+0.0	+0.0	+0.0					

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165	334.729M	38.5	-27.6	+14.1	+0.3	+3.4	+0.0	28.7	46.0	-17.3	Vert
		15.0	+0.0	+0.0	+0.0	+0.0					
166	232.729M	42.0	-27.6 +0.0	$+11.3 \\ +0.0$	+0.2 +0.0	+2.8 +0.0	+0.0	28.7	46.0	-17.3	Vert
167	447.290M	34.8	-27.6	+17.0	+0.4	+4.0	+0.0	28.6	46.0	-17.4	Horiz
107	447.270W	34.0	+0.0	+17.0	+0.4	+0.0	+0.0	26.0	40.0	-17.4	110112
168	320.732M	38.8	-27.6	+13.8	+0.2	+3.3	+0.0	28.5	46.0	-17.5	Horiz
100	320.732111	20.0	+0.0	+0.0	+0.0	+0.0	10.0	20.5	10.0	17.5	HOHE
169	473.848M	33.8	-27.6	+17.6	+0.4	+4.1	+0.0	28.3	46.0	-17.7	Horiz
			+0.0	+0.0	+0.0	+0.0					
170	526.732M	31.9	-27.5	+19.0	+0.4	+4.4	+0.0	28.2	46.0	-17.8	Horiz
			+0.0	+0.0	+0.0	+0.0					
171	86.193M	40.0	-27.8	+8.1	+0.1	+1.7	+0.0	22.1	40.0	-17.9	Horiz
			+0.0	+0.0	+0.0	+0.0					
172	327.979M	37.9	-27.6	+14.0	+0.3	+3.4	+0.0	28.0	46.0	-18.0	Vert
			+0.0	+0.0	+0.0	+0.0					
173	326.479M	37.6	-27.6	+13.9	+0.3	+3.4	+0.0	27.6	46.0	-18.4	Vert
			+0.0	+0.0	+0.0	+0.0					
174	410.473M	35.0	-27.8	+16.1	+0.4	+3.8	+0.0	27.5	46.0	-18.5	Horiz
			+0.0	+0.0	+0.0	+0.0					
175	205.729M	40.4	-27.6	+9.3	+0.2	+2.6	+0.0	24.9	43.5	-18.6	Vert
			+0.0	+0.0	+0.0	+0.0					
176	486.204M	32.7	-27.6	+17.8	+0.3	+4.1	+0.0	27.3	46.0	-18.7	Vert
			+0.0	+0.0	+0.0	+0.0					
177	330.229M	37.1	-27.6	+14.0	+0.3	+3.4	+0.0	27.2	46.0	-18.8	Vert
			+0.0	+0.0	+0.0	+0.0					
178	327.229M	37.1	-27.6	+13.9	+0.3	+3.4	+0.0	27.1	46.0	-18.9	Vert
			+0.0	+0.0	+0.0	+0.0					
179	209.479M	39.7	-27.6	+9.6	+0.2	+2.6	+0.0	24.5	43.5	-19.0	Vert
			+0.0	+0.0	+0.0	+0.0					
180	460.707M	32.6	-27.6	+17.3	+0.4	+4.0	+0.0	26.7	46.0	-19.3	Horiz
			+0.0	+0.0	+0.0	+0.0					
181	349.682M	35.9	-27.6	+14.5	+0.3	+3.5	+0.0	26.6	46.0	-19.4	Horiz
			+0.0	+0.0	+0.0	+0.0					
182	225.229M	40.5	-27.6	+10.8	+0.2	+2.7	+0.0	26.6	46.0	-19.4	Vert
			+0.0	+0.0	+0.0	+0.0					
183	242.479M	39.2	-27.7	+12.0	+0.3	+2.8	+0.0	26.6	46.0	-19.4	Vert
			+0.0	+0.0	+0.0	+0.0					
184	206.479M	39.5	-27.6	+9.3	+0.2	+2.6	+0.0	24.0	43.5	-19.5	Vert
			+0.0	+0.0	+0.0	+0.0					
185	316.232M	36.9	-27.6	+13.6	+0.2	+3.3	+0.0	26.4	46.0	-19.6	Horiz
			+0.0	+0.0	+0.0	+0.0					
186	245.479M	38.7	-27.7	+12.2	+0.3	+2.9	+0.0	26.4	46.0	-19.6	Vert
			+0.0	+0.0	+0.0	+0.0					
187	425.440M	33.1	-27.7	+16.5	+0.4	+3.9	+0.0	26.2	46.0	-19.8	Horiz
			+0.0	+0.0	+0.0	+0.0					
188	325.729M	36.0	-27.6	+13.9	+0.3	+3.4	+0.0	26.0	46.0	-20.0	Vert
			+0.0	+0.0	+0.0	+0.0					

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189	487.782M	31.0	-27.6	+17.9	+0.3	+4.2	+0.0	25.8	46.0	-20.2	Horiz
100			+0.0	+0.0	+0.0	+0.0		• • •	4.10		
190	436.882M	32.4	-27.7	+16.8	+0.4	+3.9	+0.0	25.8	46.0	-20.2	Horiz
404			+0.0	+0.0	+0.0	+0.0					
191	987.915M	29.4	-27.2	+24.6	+0.7	+6.3	+0.0	33.8	54.0	-20.2	Horiz
40.5			+0.0	+0.0	+0.0	+0.0					
192	371.957M	34.4	-27.7	+15.1	+0.3	+3.6	+0.0	25.7	46.0	-20.3	Vert
100			+0.0	+0.0	+0.0	+0.0			4.1.0		
193	329.479M	35.2	-27.6	+14.0	+0.3	+3.4	+0.0	25.3	46.0	-20.7	Vert
101			+0.0	+0.0	+0.0	+0.0				• • • •	
194	963.782M	28.7	-27.1	+24.7	+0.7	+6.2	+0.0	33.2	54.0	-20.8	Vert
			+0.0	+0.0	+0.0	+0.0					
195	259.729M	37.0	-27.7	+12.6	+0.3	+2.9	+0.0	25.1	46.0	-20.9	Vert
			+0.0	+0.0	+0.0	+0.0					
196	281.465M	36.4	-27.7	+13.0	+0.3	+3.1	+0.0	25.1	46.0	-20.9	Horiz
			+0.0	+0.0	+0.0	+0.0					
197	987.943M	28.2	-27.2	+24.6	+0.7	+6.3	+0.0	32.6	54.0	-21.4	Vert
			+0.0	+0.0	+0.0	+0.0					
198	263.465M	36.3	-27.7	+12.7	+0.3	+3.0	+0.0	24.6	46.0	-21.4	Horiz
			+0.0	+0.0	+0.0	+0.0					
199	311.479M	35.0	-27.6	+13.5	+0.2	+3.3	+0.0	24.4	46.0	-21.6	Vert
			+0.0	+0.0	+0.0	+0.0					
200	317.479M	34.5	-27.6	+13.7	+0.2	+3.3	+0.0	24.1	46.0	-21.9	Vert
			+0.0	+0.0	+0.0	+0.0					
201	246.229M	36.3	-27.7	+12.2	+0.3	+2.9	+0.0	24.0	46.0	-22.0	Vert
			+0.0	+0.0	+0.0	+0.0					
202	390.057M	31.9	-27.8	+15.6	+0.4	+3.7	+0.0	23.8	46.0	-22.2	Vert
			+0.0	+0.0	+0.0	+0.0					
203	422.307M	30.7	-27.7	+16.4	+0.4	+3.8	+0.0	23.6	46.0	-22.4	Vert
			+0.0	+0.0	+0.0	+0.0					
204	264.979M	35.3	-27.7	+12.7	+0.3	+3.0	+0.0	23.6	46.0	-22.4	Vert
			+0.0	+0.0	+0.0	+0.0					
205	484.565M	28.8	-27.6	+17.8	+0.3	+4.1	+0.0	23.4	46.0	-22.6	Horiz
			+0.0	+0.0	+0.0	+0.0					
206	339.229M	33.0	-27.6	+14.2	+0.3	+3.4	+0.0	23.3	46.0	-22.7	Vert
			+0.0	+0.0	+0.0	+0.0					
207	347.479M	32.7	-27.6	+14.4	+0.3	+3.5	+0.0	23.3	46.0	-22.7	Vert
			+0.0	+0.0	+0.0	+0.0					
208	309.979M	33.8	-27.6	+13.5	+0.2	+3.3	+0.0	23.2	46.0	-22.8	Vert
			+0.0	+0.0	+0.0	+0.0					
209	344.479M	32.6	-27.6	+14.4	+0.3	+3.5	+0.0	23.2	46.0	-22.8	Vert
			+0.0	+0.0	+0.0	+0.0					
210	965.623M	26.5	-27.1	+24.7	+0.7	+6.2	+0.0	31.0	54.0	-23.0	Horiz
			+0.0	+0.0	+0.0	+0.0					
211	279.979M	34.5	-27.7	+12.9	+0.3	+3.0	+0.0	23.0	46.0	-23.0	Vert
			+0.0	+0.0	+0.0	+0.0					
212	303.229M	33.9	-27.6	+13.3	+0.2	+3.2	+0.0	23.0	46.0	-23.0	Vert
			+0.0	+0.0	+0.0	+0.0					

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213	380.985M	30.9	-27.7	+15.3	+0.4	+3.6	+0.0	22.5	46.0	-23.5	Vert
	300.903141	20.7	+0.0	+0.0	+0.0	+0.0	10.0	22.0	10.0	23.3	, 610
214	257.479M	34.2	-27.7	+12.6	+0.3	+2.9	+0.0	22.3	46.0	-23.7	Vert
			+0.0	+0.0	+0.0	+0.0					
215	241.729M	35.0	-27.7	+11.9	+0.3	+2.8	+0.0	22.3	46.0	-23.7	Vert
			+0.0	+0.0	+0.0	+0.0					
216	296.479M	33.1	-27.6	+13.2	+0.2	+3.2	+0.0	22.1	46.0	-23.9	Vert
			+0.0	+0.0	+0.0	+0.0					
217	273.979M	32.6	-27.7	+12.9	+0.3	+3.0	+0.0	21.1	46.0	-24.9	Vert
			+0.0	+0.0	+0.0	+0.0					

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FCC 15.249/15.209 RADIATED EMISSIONS

Test Setup Photos





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Test Data Sheets

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

Customer: KIC Corporation

Specification: FCC 15.249(a) / (b) Field strength of Fundamental/ Field strength of Harmonics

Work Order #: 86678 Date: 7/6/2007
Test Type: Radiated Scan Time: 14:39:41
Equipment: Base Station Sequence#: 1
Manufacturer: KIC Corporation Tested By: E. Wong

Model: KIC Base Station

S/N: NA

Test Equipment:

Function	S/N	Calibration Date	Cal Due Date	Asset #
Spectrum Analyzer	US44300438	01/03/2007	01/03/2009	02672
Bilog Antenna	2451	02/02/2006	02/02/2008	01995
Pre amp to SA Cable	Cable #10	05/16/2007	05/16/2009	P05050
Cable	Cable15	01/05/2007	01/05/2009	P05198
Pre Amp	1937A02548	06/01/2006	06/01/2008	00309
Horn Antenna	6246	06/29/2006	06/29/2008	00849
24" SMA Cable	1-26GHz_white	01/11/2007	01/11/2009	P05205
Microwave Pre-amp	3123A00281	07/19/2006	07/19/2008	00786
Heliax Antenna Cable	P5565	09/18/2006	09/18/2008	P05565
Loop Antenna	2014	06/14/2006	06/14/2008	00314
1.5 GHz HPF	3643A00027	06/09/2007	06/09/2009	02116

Equipment Under Test (* = EUT):

Function	Manufacturer	Model #	S/N
Base Station*	KIC Corporation	KIC Base Station	NA

Support Devices:

Function	Manufacturer	Model #	S/N
Power Supply	HP	5Y16544101	557C40ALLSGISW
Ethernet switch	Linksys	SD205	003600624
Laptop	HP	Pavillion DV100	CNF5501CBW

Test Conditions / Notes:

The single channel EUT is placed connected to the USB port of a support laptop, the antenna is orientated upright (intended operation) on a wooden table with Styrofoam surface of 5 cm thickness. The support laptop is running application to exercise the EUT continuously transmit mode. A section of unterminated ethernet cable is terminated to a remote support ethernet switch. Frequency = 916.571MHz. 23°C, 61% relative humidity. Frequency range of measurement = 9 kHz - 10 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 - 10,000 MHz RBW=1 MHz. *Noise floor level recorded after second harmonics.

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Transducer Legend:

T1=Preamp 8447D 060108

T2=Bilog AN01995 020208 Chase
T3=Cable #10 051609

T4=Cable #15, Site A, 010509

T5=Pre amp 1- 26GHz 071908

T6=54' Heliax Cable 091808 P05565

T7=Horn 00849_062908

T8=SMA-cable_W_05205-011109-26GHz

T9=1.5GHz HPF 02116

Measurement Data: Reading listed by margin. Test Distance: 3 Meters T4 Rdng T1 T2 T3 Dist Corr Polar Freq Spec Margin T5 T6 T8 T7 T9 $dB\mu V$ dB dB dB dB Table $dB\mu V/m$ $dB\mu V/m$ MHz dB Ant 916.571M -27.2 +23.7 93.9 84.4 +0.5+6.0+0.087.4 -6.5 Vert +0.0QP +0.0+0.0Fundamental +0.0+0.0^ 916.571M 86.0 -27.2 +23.7+0.5+6.00.0+89.0 93.9 -4.9 Vert +0.0+0.0+0.0+0.0+0.0+0.0-7.1 3 8248.280M 36.8 +0.0+0.0+0.0+0.046.9 54.0 Horiz -37.1 +7.1+37.1+2.8+0.2-7.9 4 7331.780M 37.7 +0.0+0.0+0.0+0.054.0 Vert +0.046.1 -37.2 +6.8+36.0+2.5+0.35 8248.280M 35.8 +0.0+0.0+0.0+0.045.9 54.0 -8.1 Vert +0.0-37.1 +7.1+37.1+2.8+0.26 5498.780M 38.9 +0.0+0.0+0.045.4 54.0 -8.6 Horiz +0.0+0.0-37.3 +6.0+34.2+2.3+1.37 6415.280M 39.2 +0.0+0.0+0.0+0.045.2 54.0 -8.8 +0.0Horiz -37.5 +6.3+34.2+2.5+0.58 7331.780M 36.7 +0.0+0.0+0.0+0.0+0.045.1 54.0 -8.9 Horiz -37.2 +6.8+2.5+36.0+0.39 916.571M 93.9 -9.2 81.7 -27.2 +23.7+0.5+6.0 +0.084.7 Horiz OP +0.0+0.0+0.0+0.0Fundamental +0.0-7.7 916.571M 83.2 -27.2 +23.7+0.5+6.0+0.086.2 93.9 Horiz +0.0+0.0+0.0+0.0+0.011 5498.780M 38.1 +0.0+0.0+0.0+0.0+0.044.6 54.0 -9.4 Vert +6.0-37.3 +34.2+2.3+1.312 6415.280M 37.1 +0.0+0.0+0.0+0.043.1 54.0 -10.9 Vert +0.0-37.5 +6.3+34.2+2.5+0.5

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13	4582.280M	40.3	+0.0	+0.0	+0.0	+0.0	+0.0	43.0	54.0	-11.0	Vert
			-37.7	+5.1	+32.6	+2.0					
			+0.7								
14	3665.780M	41.0	+0.0	+0.0	+0.0	+0.0	+0.0	42.0	54.0	-12.0	Horiz
			-38.1	+4.6	+31.9	+2.1					
			+0.5								
15	4582.280M	38.9	+0.0	+0.0	+0.0	+0.0	+0.0	41.6	54.0	-12.4	Horiz
			-37.7	+5.1	+32.6	+2.0					
			+0.7								
16	2749.380M	42.1	+0.0	+0.0	+0.0	+0.0	+0.0	39.2	54.0	-14.8	Horiz
			-38.5	+3.8	+29.6	+1.7					
			+0.5								
17	3665.780M	38.0	+0.0	+0.0	+0.0	+0.0	+0.0	39.0	54.0	-15.0	Vert
			-38.1	+4.6	+31.9	+2.1					
			+0.5								
18	1831.800M	43.3	+0.0	+0.0	+0.0	+0.0	+0.0	35.2	54.0	-18.8	Horiz
			-38.9	+2.8	+25.9	+1.4					
			+0.7								
19	2749.280M	37.6	+0.0	+0.0	+0.0	+0.0	+0.0	34.7	54.0	-19.3	Vert
			-38.5	+3.8	+29.6	+1.7					
			+0.5								
20	1832.780M	40.3	+0.0	+0.0	+0.0	+0.0	+0.0	32.2	54.0	-21.8	Vert
			-38.9	+2.8	+25.9	+1.4					
			+0.7								
18	1831.800M 2749.280M	43.3	+0.0 -38.1 +0.5 +0.0 -38.9 +0.7 +0.0 -38.5 +0.5 +0.0 -38.9	+4.6 +0.0 +2.8 +0.0 +3.8 +0.0	+31.9 +0.0 +25.9 +0.0 +29.6	+2.1 +0.0 +1.4 +0.0 +1.7 +0.0	+0.0	35.2	54.0	-18.8	Horiz Vert

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

Customer: KIC Corporation
Specification: FCC 15.249(d) / 15.209

 Work Order #:
 86678
 Date:
 7/6/2007

 Test Type:
 Radiated Scan
 Time:
 14:27:48

Equipment: Base Station Sequence#: 2

Manufacturer: KIC Corporation Tested By: E. Wong

Model: KIC Base Station

S/N: NA

Test Equipment:

S/N	Calibration Date	Cal Due Date	Asset #
US44300438	01/03/2007	01/03/2009	02672
2451	02/02/2006	02/02/2008	01995
Cable #10	05/16/2007	05/16/2009	P05050
Cable15	01/05/2007	01/05/2009	P05198
1937A02548	06/01/2006	06/01/2008	00309
6246	06/29/2006	06/29/2008	00849
1-26GHz_white	01/11/2007	01/11/2009	P05205
3123A00281	07/19/2006	07/19/2008	00786
P5565	09/18/2006	09/18/2008	P05565
2014	06/14/2006	06/14/2008	00314
3643A00027	06/09/2007	06/09/2009	02116
	US44300438 2451 Cable #10 Cable15 1937A02548 6246 1-26GHz_white 3123A00281 P5565 2014	US44300438 01/03/2007 2451 02/02/2006 Cable #10 05/16/2007 Cable15 01/05/2007 1937A02548 06/01/2006 6246 06/29/2006 1-26GHz_white 01/11/2007 3123A00281 07/19/2006 P5565 09/18/2006 2014 06/14/2006	US44300438 01/03/2007 01/03/2009 2451 02/02/2006 02/02/2008 Cable #10 05/16/2007 05/16/2009 Cable15 01/05/2007 01/05/2009 1937A02548 06/01/2006 06/01/2008 6246 06/29/2006 06/29/2008 1-26GHz_white 01/11/2007 01/11/2009 3123A00281 07/19/2006 07/19/2008 P5565 09/18/2006 09/18/2008 2014 06/14/2006 06/14/2008

Equipment Under Test (* = EUT):

Function	Manufacturer	Model #	S/N
Base Station*	KIC Corporation	KIC Base Station	NA

Support Devices:

Function	Manufacturer	Model #	S/N
Power Supply	HP	5Y16544101	557C40ALLSGISW
Ethernet switch	Linksys	SD205	003600624
Laptop	HP	Pavillion DV100	CNF5501CBW

Test Conditions / Notes:

The single channel EUT is placed connected to the USB port of a support laptop, the antenna is orientated upright (intended operation) on a wooden table with Styrofoam surface of 5 cm thickness. The support laptop is running application to exercise the EUT continuously transmit and receive mode. A section of unterminated ethernet cable is terminated to a remote support ethernet switch. Frequency = 916.571MHz. 23°C, 61% relative humidity. Frequency range of measurement = 9 kHz- 10 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 - 10,000 MHz RBW=1 MHz, VBW=1 MHz.

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Transducer Legend:

T1=Preamp 8447D 060108 T2=Bilog AN01995 020208 Chase T3=Cable #10 051609 T4=Cable #15, Site A, 010509 T5=Pre amp 1- 26GHz 071908 T6=54' Heliax Cable 091808 P05565 T7=Horn 00849_062908 T8=SMA-cable_W_05205-011109-26GHz

Reading listed by margin. Measurement Data: Test Distance: 3 Meters T2 T4 Dist Margin Freq Rdng T1 Corr Spec Polar T5 T6 T7 T8 MHz dBμV dΒ dB dΒ dB Table $dB\mu V/m dB\mu V/m$ dΒ Ant 365.523M 51.7 -27.7 +14.9+0.3+3.6 +0.042.8 46.0 -3.2 Horiz +0.0+0.0+0.0+0.0799.600M 41.2 +0.042.1 46.0 -3.9 -27.1+21.9+0.6+5.5 Vert +0.0+0.0+0.0+0.0QP 799.600M 47.4 -27.1+21.9+0.6+5.5+0.048.3 46.0 +2.3Vert +0.0+0.0+0.0+0.0798.273M 40.9 -27.1 +21.9 +0.6+5.5 +0.041.8 46.0 -4.2 Horiz QP +0.0+0.0+0.0+0.0798.273M 44.5 -27.1 +21.9 +0.6+5.5 +0.045.4 46.0 -0.6 Horiz +0.0+0.0+0.0+0.047.2 468.028M -27.6 +17.5+0.4+4.10.0 +41.6 46.0 -4.4 Vert +0.0+0.0+0.0+0.0103.243M 54.4 -27.7 +10.3+0.2+1.8+0.039.0 43.5 -4.5 Vert +0.0+0.0+0.0+0.064.773M 55.2 +0.035.1 40.0 -4.9 -27.7 +6.1+0.1+1.4Vert +0.0+0.0+0.0+0.041.311M 48.3 -27.8 +13.4+0.1+1.1+0.035.1 40.0 -4.9 Vert +0.0+0.0+0.0+0.0498.833M 46.0 +0.041.0 46.0 -5.0 10 -27.6 +18.1+0.3+4.2Vert +0.0QP +0.0+0.0+0.0498.833M 50.2 -27.6 +18.1+0.3+4.2+0.045.2 46.0 -0.8 Vert +0.0+0.0+0.0+0.055.1 +0.034.9 40.0 -5.1 Vert 12 65.619M -27.7 +6.10.0 ++1.4+0.0+0.0+0.0+0.0239.999M +0.013 53.4 -27.7 +11.8+0.3+2.840.6 46.0 -5.4 Horiz +0.0+0.0+0.0+0.0239.998M 55.0 +0.042.2 -3.8 -27.7 +11.8+0.3+2.846.0 Horiz +0.0+0.0+0.0+0.015 166.302M 53.2 -27.7+9.9+0.3+2.3+0.038.0 43.5 -5.5 Horiz +0.0+0.0+0.0+0.0498.150M 16 45.5 +0.040.5 46.0 -5.5 Vert -27.6 +18.1+0.3+4.2QP +0.0+0.0+0.0+0.0498.150M 50.1 +0.046.0 -0.9 -27.6 +18.1+0.3+4.245.1 Vert +0.0+0.0+0.0+0.0102.052M 53.3 +0.037.8 43.5 -5.7 Vert 18 -27.7 +10.2+0.2+1.8+0.0+0.0+0.0+0.0182.223M +2.519 53.6 -27.7 +9.0+0.3+0.037.7 43.5 -5.8 Horiz QP +0.0+0.0+0.0+0.0182.223M 58.9 +9.0 +2.5 +0.043.0 43.5 -0.5 -27.7 +0.3Horiz +0.0+0.0+0.0+0.0

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21	44.311M	48.8	-27.8	+11.8	+0.1	+1.1	+0.0	34.0	40.0	-6.0	Vert
22	106.00614	<i>5</i> 2.4	+0.0	+0.0	+0.0	+0.0	. 0. 0	27.2	12.5		X 7 4
22	106.896M	52.4	-27.7 +0.0	$+10.5 \\ +0.0$	$+0.2 \\ +0.0$	+1.9 +0.0	+0.0	37.3	43.5	-6.2	Vert
23	188.371M	53.2	-27.6	+8.9	+0.2	+2.5	+0.0	37.2	43.5	-6.3	Horiz
23	100.371W	33.2	+0.0	+0.0	+0.2	+0.0	+0.0	31.2	43.3	-0.3	HOHZ
24	480.025M	45.2	-27.6	+17.7	+0.3	+4.1	+0.0	39.7	46.0	-6.3	Vert
2-4	400.023W	73.2	+0.0	+0.0	+0.0	+0.0	10.0	37.1	40.0	0.5	VCIT
25	520.581M	43.2	-27.5	+18.8	+0.4	+4.3	+0.0	39.2	46.0	-6.8	Vert
	0201001111		+0.0	+0.0	+0.0	+0.0	. 0.0	U		0.0	, 510
26	239.073M	51.8	-27.7	+11.8	+0.3	+2.8	+0.0	39.0	46.0	-7.0	Horiz
			+0.0	+0.0	+0.0	+0.0					
27	637.316M	40.5	-27.2	+20.3	+0.5	+4.9	+0.0	39.0	46.0	-7.0	Vert
			+0.0	+0.0	+0.0	+0.0					
28	365.926M	47.8	-27.7	+14.9	+0.3	+3.6	+0.0	38.9	46.0	-7.1	Vert
	2		+0.0	+0.0	+0.0	+0.0				,,,	. 525
29	720.020M	38.9	-27.1	+21.3	+0.5	+5.2	+0.0	38.8	46.0	-7.2	Horiz
	7201020111	20.5	+0.0	+0.0	+0.0	+0.0	. 0.0	20.0			110112
30	480.065M	44.1	-27.6	+17.7	+0.3	+4.1	+0.0	38.6	46.0	-7.4	Horiz
	.00,000,1,1		+0.0	+0.0	+0.0	+0.0	. 0.0	20.0			110112
31	830.624M	36.5	-27.1	+22.8	+0.6	+5.6	+0.0	38.4	46.0	-7.6	Horiz
	OP	00.0	+0.0	+0.0	+0.0	+0.0	. 0.0	20		7.0	110112
٨	830.624M	41.6	-27.1	+22.8	+0.6	+5.6	+0.0	43.5	46.0	-2.5	Horiz
	000.02	.110	+0.0	+0.0	+0.0	+0.0	. 0.0				110112
33	119.988M	49.9	-27.6	+11.3	+0.3	+2.0	+0.0	35.9	43.5	-7.6	Vert
			+0.0	+0.0	+0.0	+0.0					
34	86.618M	50.3	-27.8	+8.1	+0.1	+1.7	+0.0	32.4	40.0	-7.6	Vert
			+0.0	+0.0	+0.0	+0.0					
35	1662.500M	56.0	+0.0	+0.0	+0.0	+0.0	+0.0	46.3	54.0	-7.7	Vert
			-39.1	+2.7	+25.4	+1.3					
36	816.023M	36.8	-27.1	+22.4	+0.6	+5.6	+0.0	38.3	46.0	-7.7	Horiz
			+0.0	+0.0	+0.0	+0.0					
37	522.831M	42.3	-27.5	+18.8	+0.4	+4.3	+0.0	38.3	46.0	-7.7	Vert
			+0.0	+0.0	+0.0	+0.0					
38	180.979M	51.7	-27.7	+9.0	+0.3	+2.5	+0.0	35.8	43.5	-7.7	Vert
			+0.0	+0.0	+0.0	+0.0					
39	664.300M	39.2	-27.1	+20.5	+0.5	+5.0	+0.0	38.1	46.0	-7.9	Vert
			+0.0	+0.0	+0.0	+0.0					
40	504.054M	43.0	-27.6	+18.2	+0.3	+4.2	+0.0	38.1	46.0	-7.9	Vert
			+0.0	+0.0	+0.0	+0.0					
41	104.744M	50.8	-27.7	+10.4	+0.2	+1.8	+0.0	35.5	43.5	-8.0	Vert
			+0.0	+0.0	+0.0	+0.0					
42	518.591M	42.0	-27.5	+18.7	+0.4	+4.3	+0.0	37.9	46.0	-8.1	Vert
			+0.0	+0.0	+0.0	+0.0					
43	468.015M	43.4	-27.6	+17.5	+0.4	+4.1	+0.0	37.8	46.0	-8.2	Horiz
			+0.0	+0.0	+0.0	+0.0					
44	432.308M	44.5	-27.7	+16.7	+0.4	+3.9	+0.0	37.8	46.0	-8.2	Vert
			+0.0	+0.0	+0.0	+0.0					

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45	831.965M	35.8	-27.1	+22.8	+0.6	+5.6	+0.0	37.7	46.0	-8.3	Vert
	402.0201		+0.0	+0.0	+0.0	+0.0					
46	183.979M	51.1	-27.7 +0.0	+9.0 +0.0	+0.3 +0.0	+2.5 +0.0	+0.0	35.2	43.5	-8.3	Vert
47	602.067M	40.0	-27.4	+19.8	+0.5	+4.7	+0.0	37.6	46.0	-8.4	Vert
4/	002.007WI	40.0	+0.0	+19.8	+0.5	+0.0	+0.0	37.0	40.0	-0.4	ven
48	815.996M	36.0	-27.1	+22.4	+0.6	+5.6	+0.0	37.5	46.0	-8.5	Vert
10	013.55011	30.0	+0.0	+0.0	+0.0	+0.0	10.0	37.3	10.0	0.5	Vert
49	665.050M	38.5	-27.1	+20.5	+0.5	+5.0	+0.0	37.4	46.0	-8.6	Vert
			+0.0	+0.0	+0.0	+0.0					
50	100.552M	50.5	-27.7	+10.1	+0.2	+1.8	+0.0	34.9	43.5	-8.6	Vert
			+0.0	+0.0	+0.0	+0.0					
51	111.396M	49.6	-27.7	+10.8	+0.2	+1.9	+0.0	34.8	43.5	-8.7	Vert
			+0.0	+0.0	+0.0	+0.0					
52	158.343M	49.6	-27.7	+10.3	+0.2	+2.3	+0.0	34.7	43.5	-8.8	Horiz
			+0.0	+0.0	+0.0	+0.0					
53	60.517M	51.2	-27.7	+6.2	+0.1	+1.3	+0.0	31.1	40.0	-8.9	Vert
			+0.0	+0.0	+0.0	+0.0					
54	432.382M	43.7	-27.7	+16.7	+0.4	+3.9	+0.0	37.0	46.0	-9.0	Horiz
			+0.0	+0.0	+0.0	+0.0					
55	184.729M	50.4	-27.7	+9.0	+0.3	+2.5	+0.0	34.5	43.5	-9.0	Vert
			+0.0	+0.0	+0.0	+0.0				, , ,	
56	336.182M	46.6	-27.6	+14.2	+0.3	+3.4	+0.0	36.9	46.0	-9.1	Horiz
			+0.0	+0.0	+0.0	+0.0					
57	194.398M	50.2	-27.6	+8.9	+0.2	+2.6	+0.0	34.3	43.5	-9.2	Horiz
			+0.0	+0.0	+0.0	+0.0					
58	633.007M	38.3	-27.2	+20.2	+0.5	+4.8	+0.0	36.6	46.0	-9.4	Horiz
			+0.0	+0.0	+0.0	+0.0					
59	85.868M	48.4	-27.8	+8.1	+0.1	+1.7	+0.0	30.5	40.0	-9.5	Vert
			+0.0	+0.0	+0.0	+0.0					
60	163.477M	49.0	-27.7	+10.0	+0.3	+2.3	+0.0	33.9	43.5	-9.6	Horiz
			+0.0	+0.0	+0.0	+0.0					
61	188.479M	49.9	-27.6	+8.9	+0.2	+2.5	+0.0	33.9	43.5	-9.6	Vert
			+0.0	+0.0	+0.0	+0.0					
62	560.006M	39.0	-27.4	+19.7	+0.5	+4.5	+0.0	36.3	46.0	-9.7	Vert
			+0.0	+0.0	+0.0	+0.0					
63	114.395M	48.2	-27.6	+11.0	+0.3	+1.9	+0.0	33.8	43.5	-9.7	Vert
			+0.0	+0.0	+0.0	+0.0					
64	664.507M	37.2	-27.1	+20.5	+0.5	+5.0	+0.0	36.1	46.0	-9.9	Horiz
<u> </u>			+0.0	+0.0	+0.0	+0.0					
65	444.023M	42.3	-27.6	+17.0	+0.4	+4.0	+0.0	36.1	46.0	-9.9	Horiz
			+0.0	+0.0	+0.0	+0.0					
66	189.979M	49.6	-27.6	+8.9	+0.2	+2.5	+0.0	33.6	43.5	-9.9	Vert
			+0.0	+0.0	+0.0	+0.0					
67	119.334M	47.6	-27.6	+11.3	+0.3	+2.0	+0.0	33.6	43.5	-9.9	Vert
			+0.0	+0.0	+0.0	+0.0					
68	516.054M	40.2	-27.5	+18.6	+0.4	+4.3	+0.0	36.0	46.0	-10.0	Vert
			+0.0	+0.0	+0.0	+0.0					

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69	177.229M	49.3	-27.7	+9.2	+0.3	+2.4	+0.0	33.5	43.5	-10.0	Vert
70	150 14214	47.7	+0.0	+0.0	+0.0	+0.0	. 0. 0	22.4	12.5	10.1	TT
70	150.143M	47.7	-27.7 +0.0	$+11.0 \\ +0.0$	+0.2 +0.0	+2.2 +0.0	+0.0	33.4	43.5	-10.1	Horiz
71	698.050M	36.8	-27.1	+20.6	+0.5	+5.1	+0.0	35.9	46.0	-10.1	Vert
, -	0,0,00001,1	20.0	+0.0	+0.0	+0.0	+0.0	. 0.0	00.5		1011	. 010
72	632.065M	37.6	-27.2	+20.2	+0.5	+4.8	+0.0	35.9	46.0	-10.1	Vert
,-	002.0001.1	27.0	+0.0	+0.0	+0.0	+0.0	. 0.0	00.5		1011	. 010
73	764.248M	34.8	-27.0	+22.1	+0.5	+5.4	+0.0	35.8	46.0	-10.2	Horiz
, 0	7011210111	2	+0.0	+0.0	+0.0	+0.0	. 0.0	22.0		10.2	110112
74	178.729M	49.2	-27.7	+9.1	+0.3	+2.4	+0.0	33.3	43.5	-10.2	Vert
	-, -, -, -, -, -, -, -, -, -, -, -, -, -	.,	+0.0	+0.0	+0.0	+0.0					
75	61.994M	49.9	-27.7	+6.2	+0.1	+1.3	+0.0	29.8	40.0	-10.2	Vert
			+0.0	+0.0	+0.0	+0.0					
76	626.640M	37.4	-27.2	+20.1	+0.5	+4.8	+0.0	35.6	46.0	-10.4	Vert
			+0.0	+0.0	+0.0	+0.0					
77	133.105M	46.9	-27.6	+11.4	+0.3	+2.1	+0.0	33.1	43.5	-10.4	Vert
			+0.0	+0.0	+0.0	+0.0					
78	127.698M	46.9	-27.6	+11.5	+0.3	+2.0	+0.0	33.1	43.5	-10.4	Vert
			+0.0	+0.0	+0.0	+0.0					
79	135.677M	46.8	-27.6	+11.4	+0.3	+2.1	+0.0	33.0	43.5	-10.5	Horiz
			+0.0	+0.0	+0.0	+0.0					
80	174.229M	48.6	-27.7	+9.4	+0.3	+2.4	+0.0	33.0	43.5	-10.5	Vert
			+0.0	+0.0	+0.0	+0.0					
81	131.448M	46.8	-27.6	+11.4	+0.3	+2.1	+0.0	33.0	43.5	-10.5	Vert
			+0.0	+0.0	+0.0	+0.0					
82	182.479M	48.8	-27.7	+9.0	+0.3	+2.5	+0.0	32.9	43.5	-10.6	Vert
			+0.0	+0.0	+0.0	+0.0					
83	122.988M	46.7	-27.6	+11.4	+0.3	+2.0	+0.0	32.8	43.5	-10.7	Vert
			+0.0	+0.0	+0.0	+0.0					
84	607.317M	37.5	-27.4	+19.9	+0.5	+4.7	+0.0	35.2	46.0	-10.8	Vert
			+0.0	+0.0	+0.0	+0.0					
85	139.135M	46.7	-27.7	+11.3	+0.2	+2.1	+0.0	32.6	43.5	-10.9	Horiz
			+0.0	+0.0	+0.0	+0.0					
86	176.479M	48.3	-27.7	+9.3	+0.3	+2.4	+0.0	32.6	43.5	-10.9	Vert
			+0.0	+0.0	+0.0	+0.0					
87	492.021M	40.2	-27.6	+17.9	+0.3	+4.2	+0.0	35.0	46.0	-11.0	Vert
			+0.0	+0.0	+0.0	+0.0					
88	365.479M	43.9	-27.7	+14.9	+0.3	+3.6	+0.0	35.0	46.0	-11.0	Vert
	220 72		+0.0	+0.0	+0.0	+0.0	2 -				** :
89	329.732M	44.8	-27.6	+14.0	+0.3	+3.4	+0.0	34.9	46.0	-11.1	Horiz
			+0.0	+0.0	+0.0	+0.0	0 -				
90	218.498M	49.3	-27.6	+10.3	+0.2	+2.7	+0.0	34.9	46.0	-11.1	Horiz
			+0.0	+0.0	+0.0	+0.0					
91	131.727M	46.2	-27.6	+11.4	+0.3	+2.1	+0.0	32.4	43.5	-11.1	Horiz
	600 0703 5	25.5	+0.0	+0.0	+0.0	+0.0	0.0	24.0	46.0	11.0	X7 ·
92	629.978M	36.5	-27.2	+20.2	+0.5	+4.8	+0.0	34.8	46.0	-11.2	Vert
			+0.0	+0.0	+0.0	+0.0					

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93	127.960M	46.0	-27.6 +0.0	+11.5 +0.0	+0.3 +0.0	+2.0 +0.0	+0.0	32.2	43.5	-11.3	Horiz
0.4	909 1 22M	22.2					+0.0	24.6	46.0	11 /	II a ni -
94	898.123M	32.3	-27.2	+23.2	+0.4	+5.9	+0.0	34.6	46.0	-11.4	Horiz
0.5	240.06514	16.2	+0.0	+0.0	+0.0	+0.0	. 0. 0	24.2	46.0	11.7	TT
95	249.965M	46.3	-27.7	+12.5	+0.3	+2.9	+0.0	34.3	46.0	-11.7	Horiz
0.6	152 0 123 5	16.1	+0.0	+0.0	+0.0	+0.0	0.0	21.0	12.5	11.7	
96	153.843M	46.4	-27.7	+10.7	+0.2	+2.2	+0.0	31.8	43.5	-11.7	Horiz
07	115 00514	46.1	+0.0	+0.0	+0.0	+0.0	. 0. 0	21.0	42.5	11.7	XI
97	115.895M	46.1	-27.6	+11.1	+0.3	+1.9	+0.0	31.8	43.5	-11.7	Vert
00	204.05714	42.2	+0.0	+0.0	+0.0	+0.0	+0.0	33.9	46.0	10.1	V 4
98	384.057M	42.2	-27.7	+15.4	+0.4	+3.6	+0.0	33.9	46.0	-12.1	Vert
00	100 400 4	47.1	+0.0	+0.0	+0.0	+0.0	. 0. 0	21.1	42.5	10.4	TT
99	199.498M	47.1	-27.6	+8.8	+0.2	+2.6	+0.0	31.1	43.5	-12.4	Horiz
100	102 70714	45.0	+0.0	+0.0	+0.0	+0.0	. 0. 0	21.1	12.5	12.4	II a ni n
100	123.727M	45.0	-27.6	+11.4	+0.3	+2.0	+0.0	31.1	43.5	-12.4	Horiz
101	04474034	21.1	+0.0	+0.0	+0.0	+0.0	.0.0	22.5	46.0	10.5	VI.c.
101	844.740M	31.1	-27.1	+23.2	+0.6	+5.7	+0.0	33.5	46.0	-12.5	Vert
102	501 00 2N 4	20.4	+0.0	+0.0	+0.0	+0.0	. 0. 0	22.4	46.0	10.6	T 7 4
102	501.082M	38.4	-27.6 +0.0	$+18.1 \\ +0.0$	+0.3 +0.0	+4.2	+0.0	33.4	46.0	-12.6	Vert
102	170 470M	46.0				+0.0	. 0. 0	20.0	12.5	10.7	Vt
103	170.479M	46.2	-27.7	+9.6	+0.3	+2.4	+0.0	30.8	43.5	-12.7	Vert
104	250 00014	42.2	+0.0	+0.0	+0.0	+0.0	. 0. 0	22.2	46.0	12.0	II a ni -
104	359.998M	42.2		+14.8	+0.3	+3.5	+0.0	33.2	46.0	-12.8	Horiz
105	142 57714	44.0	+0.0	+0.0	+0.0	+0.0	. 0. 0	20.7	12.5	12.0	II a ni n
105	143.577M	44.8	-27.7	+11.2	+0.2	+2.2	+0.0	30.7	43.5	-12.8	Horiz
106	200 00014	15 O	+0.0	+0.0	+0.0	+0.0	. 0. 0	20.6	12.5	12.0	II a ni n
106	209.898M	45.8	-27.6	+9.6	+0.2 +0.0	+2.6	+0.0	30.6	43.5	-12.9	Horiz
107	45C 022M	20.0	+0.0	+0.0		+0.0	. 0. 0	33.0	46.0	-13.0	II a ni -
107	456.023M	39.0	-27.6 +0.0	+17.2 $+0.0$	$+0.4 \\ +0.0$	$+4.0 \\ +0.0$	+0.0	33.0	46.0	-13.0	Horiz
108	697.948M	33.8	-27.1	+20.6	+0.5	+5.1	+0.0	32.9	46.0	-13.1	Uoriz
108	097.946WI	33.0	+0.0	+20.0	+0.5	+0.0	+0.0	32.9	40.0	-13.1	Horiz
109	165.979M	45.5	-27.7	+9.9	+0.3	+2.3	+0.0	30.3	43.5	-13.2	Vert
109	103.979W	45.5	+0.0	+0.0	+0.0	+0.0	+0.0	30.3	43.3	-13.2	v ert
110	1330.000M	52.2	+0.0	+0.0	+0.0	+0.0	+0.0	40.6	54.0	-13.4	Vert
110	1330.000WI	34.4	-39.8	+2.3	+24.8	+1.1	10.0	+∪.∪	J 1 .0	-13.4	v CI t
111	205.223M	45.6	-27.6	+9.2	+0.2	+2.6	+0.0	30.0	43.5	-13.5	Horiz
111	203.2231 vi	75.0	+0.0	+0.0	+0.2	+0.0	10.0	50.0	73.3	13.3	110112
112	383.982M	40.6	-27.7	+15.4	+0.4	+3.6	+0.0	32.3	46.0	-13.7	Horiz
112	303.7021 v 1	70.0	+0.0	+0.0	+0.4	+0.0	10.0	22.3	40.0	13.7	110112
113	162.979M	44.9	-27.7	+10.0	+0.3	+2.3	+0.0	29.8	43.5	-13.7	Vert
113	102.777111	17.7	+0.0	+0.0	+0.0	+0.0	10.0	27.0	13.3	13.1	, 011
114	299.465M	43.2	-27.6	+13.2	+0.2	+3.2	+0.0	32.2	46.0	-13.8	Horiz
117	277. (03141	1.2.2	+0.0	+0.0	+0.0	+0.0	10.0	22.2	10.0	13.0	110112
115	543.150M	35.1	-27.4	+19.5	+0.5	+4.5	+0.0	32.2	46.0	-13.8	Vert
113	J 13.130141	55.1	+0.0	+0.0	+0.0	+0.0	10.0	J2.2	10.0	13.0	, 011
116	512.304M	36.5	-27.5	+18.5	+0.4	+4.3	+0.0	32.2	46.0	-13.8	Vert
110	512.50 1111	50.5	+0.0	+0.0	+0.0	+0.0	10.0	32.2	10.0	13.0	, 011
L			. 3.0	. 0.0	. 5.0	. 5.0					

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117	154.729M	44.4	-27.7	+10.6	+0.2	+2.2	+0.0	29.7	43.5	-13.8	Vert
110	1662 50014	40.0	+0.0	+0.0	+0.0	+0.0	. 0. 0	40.1	540	12.0	TT .
118	1662.500M	49.8	+0.0	+0.0	+0.0	+0.0	+0.0	40.1	54.0	-13.9	Horiz
110	456 02014	20.1	-39.1	+2.7	+25.4	+1.3	. 0. 0	20.1	46.0	12.0	V I4
119	456.028M	38.1	-27.6	+17.2	+0.4	+4.0	+0.0	32.1	46.0	-13.9	Vert
120	244 40014	4.4.4	+0.0	+0.0	+0.0	+0.0	. 0. 0	22.0	46.0	140	TT
120	244.498M	44.4	-27.7 +0.0	+12.1	+0.3	+2.9	+0.0	32.0	46.0	-14.0	Horiz
121	007.600M	35.6		+0.0	+0.0	+0.0	+0.0	40.0	540	-14.0	V4
121	997.690M	33.0	-27.2 +0.0	+24.6	$+0.7 \\ +0.0$	+6.3 +0.0	+0.0	40.0	54.0	-14.0	Vert
122	221.479M	46.2	-27.6	+0.0	+0.0	+2.7	+0.0	32.0	46.0	-14.0	Vert
122	221.4/9W	40.2	+0.0	+0.0	+0.2	+2.7 +0.0	+0.0	32.0	40.0	-14.0	vert
123	159.229M	44.3	-27.7	+10.3	+0.0	+2.3	+0.0	29.4	43.5	-14.1	Vert
123	139.229WI	44.3	+0.0	+10.5	+0.2	+2.3 +0.0	+0.0	29.4	43.3	-14.1	vert
124	213.807M	44.1	-27.6	+9.9	+0.0		+0.0	29.3	43.5	-14.2	Horiz
124	413.00/WI	44.1	+0.0	+9.9	+0.2	+2.7 +0.0	+0.0	47.3	+5.5	-14.2	110112
125	504.065M	36.6	-27.6	+18.2	+0.0	+4.2	+0.0	31.7	46.0	-14.3	Horiz
123	507.005IVI	30.0	+0.0	+18.2 $+0.0$	+0.3	+0.0	10.0	31./	+0.0	-14.3	110112
126	465.778M	37.3	-27.6	+17.4	+0.4	+4.1	+0.0	31.6	46.0	-14.4	Vert
120	403.776W	31.3	+0.0	+0.0	+0.0	+0.0	10.0	31.0	40.0	-17.7	VCIT
127	307.232M	42.3	-27.6	+13.4	+0.2	+3.2	+0.0	31.5	46.0	-14.5	Horiz
127	307.232WI	72.3	+0.0	+0.0	+0.0	+0.0	10.0	31.3	40.0	14.5	HOHZ
128	109.585M	43.9	-27.7	+10.7	+0.2	+1.9	+0.0	29.0	43.5	-14.5	Horiz
120	107.505141	13.7	+0.0	+0.0	+0.0	+0.0	10.0	27.0	13.5	1 1.5	HOHE
129	215.479M	43.4	-27.6	+10.0	+0.2	+2.7	+0.0	28.7	43.5	-14.8	Vert
127	2101175111		+0.0	+0.0	+0.0	+0.0	. 0.0			1	, 610
130	587.006M	33.6	-27.4	+19.8	+0.5	+4.6	+0.0	31.1	46.0	-14.9	Vert
			+0.0	+0.0	+0.0	+0.0					
131	219.229M	45.5	-27.6	+10.3	+0.2	+2.7	+0.0	31.1	46.0	-14.9	Vert
			+0.0	+0.0	+0.0	+0.0					
132	372.040M	39.7	-27.7	+15.1	+0.3	+3.6	+0.0	31.0	46.0	-15.0	Horiz
			+0.0	+0.0	+0.0	+0.0					
133	119.410M	42.4	-27.6	+11.3	+0.3	+2.0	+0.0	28.4	43.5	-15.1	Horiz
			+0.0	+0.0	+0.0	+0.0					
134	766.221M	29.9	-27.0	+22.1	+0.5	+5.4	+0.0	30.9	46.0	-15.1	Vert
			+0.0	+0.0	+0.0	+0.0					
135	764.721M	29.8	-27.0	+22.1	+0.5	+5.4	+0.0	30.8	46.0	-15.2	Vert
			+0.0	+0.0	+0.0	+0.0					
136	773.147M	29.7	-27.0	+22.1	+0.5	+5.4	+0.0	30.7	46.0	-15.3	Vert
			+0.0	+0.0	+0.0	+0.0					
137	730.221M	30.3	-27.0	+21.6	+0.5	+5.2	+0.0	30.6	46.0	-15.4	Vert
			+0.0	+0.0	+0.0	+0.0					
138	192.979M	44.1	-27.6	+8.9	+0.2	+2.5	+0.0	28.1	43.5	-15.4	Vert
			+0.0	+0.0	+0.0	+0.0					
139	430.058M	37.2	-27.7	+16.6	+0.4	+3.9	+0.0	30.4	46.0	-15.6	Vert
			+0.0	+0.0	+0.0	+0.0					
140	213.229M	42.7	-27.6	+9.9	+0.2	+2.7	+0.0	27.9	43.5	-15.6	Vert
			+0.0	+0.0	+0.0	+0.0					

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141 201.979M												
$ \begin{array}{c ccccccccccccccccccccccccccccccccccc$	141	201.979M	43.7					+0.0	27.9	43.5	-15.6	Vert
$ \begin{array}{c ccccccccccccccccccccccccccccccccccc$												
143 477.624M 35.6 -27.6 +17.7 +0.3 +4.1 +0.0 30.1 46.0 -15.9 Vert	142	532.581M	33.8					+0.0	30.3	46.0	-15.7	Vert
144 212.479M 42.5 -27.6 +9.8 +0.2 +2.7 +0.0 27.6 43.5 -15.9 Vert +0.0 +0	1.42	477 COAM	25.6					.00	20.1	46.0	15.0	XI = set
144 212.479M 42.5 -27.6 +9.8 +0.2 +2.7 +0.0 27.6 43.5 -15.9 Vert	143	477.024IVI	33.0					+0.0	30.1	46.0	-13.9	vert
+0.0	144	212 479M	42.5					+0.0	27.6	43.5	-15 9	Vert
145 737,248M 29.4 -27.0 +21.8 +0.5 +5.3 +0.0 30.0 46.0 -16.0 Horiz +0.0		212.179141	12.3					10.0	27.0	13.3	13.7	VOIT
146 546.107M 32.8 -27.4 +19.6 +0.5 +4.5 +0.0 30.0 46.0 -16.0 Horiz	145	737.248M	29.4					+0.0	30.0	46.0	-16.0	Horiz
$ \begin{array}{c ccccccccccccccccccccccccccccccccccc$												
Ho	146	546.107M	32.8					+0.0	30.0	46.0	-16.0	Horiz
$ \begin{array}{c ccccccccccccccccccccccccccccccccccc$												
148 488.454M 35.2 -27.6 +17.9 +0.3 +4.2 +0.0 30.0 46.0 -16.0 Vert 149 353.923M 39.1 -27.6 +14.6 +0.3 +3.5 +0.0 29.9 46.0 -16.1 Horiz 150 36.678M 34.8 -27.8 +15.8 +0.1 +1.0 +0.0 23.9 40.0 -16.1 Horiz 151 420.015M 37.0 -27.7 +16.3 +0.4 +3.8 +0.0 29.8 46.0 -16.2 Horiz 152 464.490M 35.4 -27.6 +17.4 +0.4 +4.1 +0.0 29.7 46.0 -16.3 Horiz 153 399.757M 37.6 -27.8 +15.8 +0.4 +3.7 +0.0 29.7 46.0 -16.3 Horiz 154 374.986M 38.2 -27.7 +15.2 +0.4 +3.6 +0.0 29.7 46.0 -16.3 Vert 155 210.229M 42.4 -27.6 +9.6 +0.2 +2.6 +0.0 27.2 43.5 -16.3 Vert 156 444.028M 35.8 -27.6 +17.0 +0.4 +4.0 +0.0 +0.0 157 249.229M 41.7 -27.7 +12.4 +0.3 +2.9 +0.0 29.6 46.0 -16.4 Vert 158 109.585M 41.9 -27.7 +10.7 +0.2 +1.9 +0.0 29.4 46.0 -16.5 Horiz 159 325.232M 39.4 -27.6 +13.9 +0.3 +3.4 +0.0 29.4 46.0 -16.6 Horiz 159 325.232M 39.4 -27.6 +13.9 +0.3 +3.4 +0.0 29.4 46.0 -16.6 Horiz 159 325.232M 39.4 -27.6 +13.9 +0.3 +3.4 +0.0 29.4 46.0 -16.6 Horiz 159 325.232M 39.4 -27.6 +13.9 +0.3 +3.4 +0.0 29.4 46.0 -16.6 Horiz 159 325.232M 39.4 -27.6 +13.9 +0.3 +3.4 +0.0 29.4 46.0 -16.6 Horiz 159 325.232M 39.4 -27.6 +13.9 +0.3 +3.4 +0.0 29.4 46.0 -16.6 Horiz 159 325.232M 39.4 -27.6 +13.9 +0.3 +3.4 +0.0 29.4 46.0 -16.6 Horiz 150 325.232M 39.4 -27.6 +13.9 +0.3 +3.4 +0.0 29.4 46.0 -16.6 Horiz 150 325.232M 39.4 -27.6 +13.9 +0.3 +3.4 +0.0 29.4 46.0 -16.6 Horiz 150 325.232M 39.4 -27.6 +13.9 +0.3 +3.4 +0.0 29.4 46.0 -16.6 Horiz	147	531.232M	33.6					+0.0	30.0	46.0	-16.0	Horiz
148 488.454M 35.2 -27.6 +17.9 +0.3 +4.2 +0.0 30.0 46.0 -16.0 Vert 149 353.923M 39.1 -27.6 +14.6 +0.3 +3.5 +0.0 29.9 46.0 -16.1 Horiz 150 36.678M 34.8 -27.8 +15.8 +0.1 +1.0 +0.0 23.9 40.0 -16.1 Horiz 151 420.015M 37.0 -27.7 +16.3 +0.4 +3.8 +0.0 29.8 46.0 -16.2 Horiz 152 464.490M 35.4 -27.6 +17.4 +0.4 +4.1 +0.0 29.7 46.0 -16.3 Horiz 153 399.757M 37.6 -27.8 +15.8 +0.4 +3.7 +0.0 29.7 46.0 -16.3 Horiz 154 374.986M 38.2 -27.7 +15.2 +0.4 +3.6 +0.0 29.7 46.0 -16.3 Vert					+0.0							
+0.0	148	488.454M	35.2					+0.0	30.0	46.0	-16.0	Vert
$\begin{array}{c ccccccccccccccccccccccccccccccccccc$				+0.0	+0.0	+0.0	+0.0					
$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	149	353.923M	39.1	-27.6	+14.6	+0.3	+3.5	+0.0	29.9	46.0	-16.1	Horiz
+0.0				+0.0	+0.0	+0.0	+0.0					
151 420.015M 37.0 -27.7 +16.3 +0.4 +3.8 +0.0 29.8 46.0 -16.2 Horiz +0.0 +0.0 +0.0 +0.0 +0.0 +0.0 152 464.490M 35.4 -27.6 +17.4 +0.4 +4.1 +0.0 29.7 46.0 -16.3 Horiz +0.0 +0.0 +0.0 +0.0 +0.0 +0.0 153 399.757M 37.6 -27.8 +15.8 +0.4 +3.7 +0.0 29.7 46.0 -16.3 Horiz +0.0 +0.0 +0.0 +0.0 +0.0 +0.0 +0.0 +0.0 +0.0 +0.0 +0.0 +0.0 +0.0 +0.0 +0.0 +0.0 +0.0 +0.0 +0.0 +0.0 +0.0 +0.0 +0.0 +0.0 +0.0 +0.0 +0.	150	36.678M	34.8	-27.8	+15.8	+0.1	+1.0	+0.0	23.9	40.0	-16.1	Horiz
+0.0				+0.0	+0.0	+0.0	+0.0					
152 464.490M 35.4 -27.6 +17.4 +0.4 +4.1 +0.0 29.7 46.0 -16.3 Horiz 153 399.757M 37.6 -27.8 +15.8 +0.4 +3.7 +0.0 29.7 46.0 -16.3 Horiz 154 374.986M 38.2 -27.7 +15.2 +0.4 +3.6 +0.0 29.7 46.0 -16.3 Vert 155 210.229M 42.4 -27.6 +9.6 +0.2 +2.6 +0.0 27.2 43.5 -16.3 Vert 156 444.028M 35.8 -27.6 +17.0 +0.4 +4.0 +0.0 29.6 46.0 -16.4 Vert 157 249.229M 41.7 -27.7 +12.4 +0.3 +2.9 +0.0 29.6 46.0 -16.4 Vert 158 109.585M 41.9 -27.7 +10.7 +0.2 +1.9 +0.0 27.0 43.5 -16.5 Horiz 159 325.232M 39.4 -27.6 +13.9 +0.3 +3.4 +0.0	151	420.015M	37.0	-27.7	+16.3	+0.4	+3.8	+0.0	29.8	46.0	-16.2	Horiz
+0.0				+0.0	+0.0	+0.0	+0.0					
153 399.757M 37.6 -27.8 +15.8 +0.4 +3.7 +0.0 29.7 46.0 -16.3 Horiz 154 374.986M 38.2 -27.7 +15.2 +0.4 +3.6 +0.0 29.7 46.0 -16.3 Vert 155 210.229M 42.4 -27.6 +9.6 +0.2 +2.6 +0.0 27.2 43.5 -16.3 Vert 156 444.028M 35.8 -27.6 +17.0 +0.4 +4.0 +0.0 29.6 46.0 -16.4 Vert 157 249.229M 41.7 -27.7 +12.4 +0.3 +2.9 +0.0 29.6 46.0 -16.4 Vert 158 109.585M 41.9 -27.7 +10.7 +0.2 +1.9 +0.0 27.0 43.5 -16.5 Horiz 159 325.232M 39.4 -27.6 +13.9 +0.3 +3.4 +0.0 29.4 46.0 -16.6 Horiz	152	464.490M	35.4	-27.6	+17.4	+0.4	+4.1	+0.0	29.7	46.0	-16.3	Horiz
$\begin{array}{c ccccccccccccccccccccccccccccccccccc$				+0.0	+0.0	+0.0	+0.0					
154 374.986M 38.2 -27.7 +15.2 +0.4 +3.6 +0.0 29.7 46.0 -16.3 Vert 155 210.229M 42.4 -27.6 +9.6 +0.2 +2.6 +0.0 27.2 43.5 -16.3 Vert 156 444.028M 35.8 -27.6 +17.0 +0.4 +4.0 +0.0 29.6 46.0 -16.4 Vert 157 249.229M 41.7 -27.7 +12.4 +0.3 +2.9 +0.0 29.6 46.0 -16.4 Vert 158 109.585M 41.9 -27.7 +10.7 +0.2 +1.9 +0.0 27.0 43.5 -16.5 Horiz 159 325.232M 39.4 -27.6 +13.9 +0.3 +3.4 +0.0 29.4 46.0 -16.6 Horiz	153	399.757M	37.6	-27.8	+15.8	+0.4	+3.7	+0.0	29.7	46.0	-16.3	Horiz
+0.0 +0.0 +0.0 +0.0 155 210.229M 42.4 -27.6 +9.6 +0.2 +2.6 +0.0 27.2 43.5 -16.3 Vert 156 444.028M 35.8 -27.6 +17.0 +0.4 +4.0 +0.0 29.6 46.0 -16.4 Vert 157 249.229M 41.7 -27.7 +12.4 +0.3 +2.9 +0.0 29.6 46.0 -16.4 Vert 158 109.585M 41.9 -27.7 +10.7 +0.2 +1.9 +0.0 27.0 43.5 -16.5 Horiz 159 325.232M 39.4 -27.6 +13.9 +0.3 +3.4 +0.0 29.4 46.0 -16.6 Horiz				+0.0	+0.0	+0.0	+0.0					
155 210.229M 42.4 -27.6 +9.6 +0.2 +2.6 +0.0 27.2 43.5 -16.3 Vert 156 444.028M 35.8 -27.6 +17.0 +0.4 +4.0 +0.0 29.6 46.0 -16.4 Vert 157 249.229M 41.7 -27.7 +12.4 +0.3 +2.9 +0.0 29.6 46.0 -16.4 Vert 158 109.585M 41.9 -27.7 +10.7 +0.2 +1.9 +0.0 27.0 43.5 -16.5 Horiz 159 325.232M 39.4 -27.6 +13.9 +0.3 +3.4 +0.0 29.4 46.0 -16.6 Horiz	154	374.986M	38.2				+3.6	+0.0	29.7	46.0	-16.3	Vert
$\begin{array}{c ccccccccccccccccccccccccccccccccccc$				+0.0		+0.0	+0.0					
156 444.028M 35.8 -27.6 +17.0 +0.4 +4.0 +0.0 29.6 46.0 -16.4 Vert 157 249.229M 41.7 -27.7 +12.4 +0.3 +2.9 +0.0 29.6 46.0 -16.4 Vert +0.0 +0.0 +0.0 +0.0 +0.0 -16.4 Vert 158 109.585M 41.9 -27.7 +10.7 +0.2 +1.9 +0.0 27.0 43.5 -16.5 Horiz 159 325.232M 39.4 -27.6 +13.9 +0.3 +3.4 +0.0 29.4 46.0 -16.6 Horiz	155	210.229M	42.4					+0.0	27.2	43.5	-16.3	Vert
+0.0 +0.0 +0.0 +0.0 +0.0 157 249.229M 41.7 -27.7 +12.4 +0.3 +2.9 +0.0 29.6 46.0 -16.4 Vert +0.0 +0.0 +0.0 +0.0 +0.0 158 109.585M 41.9 -27.7 +10.7 +0.2 +1.9 +0.0 27.0 43.5 -16.5 Horiz +0.0 +0.0 +0.0 +0.0 159 325.232M 39.4 -27.6 +13.9 +0.3 +3.4 +0.0 29.4 46.0 -16.6 Horiz				+0.0		+0.0	+0.0					
157 249.229M 41.7 -27.7 +12.4 +0.3 +2.9 +0.0 29.6 46.0 -16.4 Vert +0.0 +0.0 +0.0 +0.0 +0.0 158 109.585M 41.9 -27.7 +10.7 +0.2 +1.9 +0.0 27.0 43.5 -16.5 Horiz +0.0 +0.0 +0.0 +0.0 159 325.232M 39.4 -27.6 +13.9 +0.3 +3.4 +0.0 29.4 46.0 -16.6 Horiz	156	444.028M	35.8					+0.0	29.6	46.0	-16.4	Vert
+0.0 +0.0 +0.0 +0.0 158 109.585M 41.9 -27.7 +10.7 +0.2 +1.9 +0.0 27.0 43.5 -16.5 Horiz +0.0 +0.0 +0.0 +0.0 159 325.232M 39.4 -27.6 +13.9 +0.3 +3.4 +0.0 29.4 46.0 -16.6 Horiz												
158 109.585M 41.9 -27.7 +10.7 +0.2 +1.9 +0.0 27.0 43.5 -16.5 Horiz +0.0 +0.0 +0.0 +0.0 +0.0 159 325.232M 39.4 -27.6 +13.9 +0.3 +3.4 +0.0 29.4 46.0 -16.6 Horiz	157	249.229M	41.7					+0.0	29.6	46.0	-16.4	Vert
+0.0 +0.0 +0.0 +0.0 159 325.232M 39.4 -27.6 +13.9 +0.3 +3.4 +0.0 29.4 46.0 -16.6 Horiz												
159 325.232M 39.4 -27.6 +13.9 +0.3 +3.4 +0.0 29.4 46.0 -16.6 Horiz	158	109.585M	41.9					+0.0	27.0	43.5	-16.5	Horiz
+(0.0) +(0.0) +(0.0) +(0.0)	159	325.232M	39.4					+0.0	29.4	46.0	-16.6	Horiz
	4.55	0544555	4		+0.0	+0.0	+0.0	0.0	20.5	460	4 - 0	** .
160 254.465M 41.1 -27.7 +12.6 +0.3 +2.9 +0.0 29.2 46.0 -16.8 Horiz	160	254.465M	41.1					+0.0	29.2	46.0	-16.8	Horiz
+0.0 +0.0 +0.0 +0.0	4	201.0207.5	42 -					0.0	2	10.7	4 - 0	**
161 201.229M 42.5 -27.6 +8.9 +0.2 +2.6 +0.0 26.6 43.5 -16.9 Vert	161	201.229M	42.5					+0.0	26.6	43.5	-16.9	Vert
+0.0 +0.0 +0.0 +0.0	1.0	227 (227 5	42.0					0.0	20.0	46.0	15.0	TT .
162 227.498M 42.8 -27.6 +10.9 +0.2 +2.7 +0.0 29.0 46.0 -17.0 Horiz	162	227.498M	42.8					+0.0	29.0	46.0	-17.0	Horiz
+0.0 +0.0 +0.0 +0.0	1.50	EEO (503.5	2: 5	+0.0	+0.0	+0.0		0.0	20.0	46.0	15.0	¥7 ·
	163	550.650M	31.7					+0.0	29.0	46.0	-17.0	Vert
163 550.650M 31.7 -27.4 +19.7 +0.5 +4.5 +0.0 29.0 46.0 -17.0 Vert	164	202 4703 4	42.0					.0.0	26.2	42.7	17.0	17 .
163 550.650M 31.7 -27.4 +19.7 +0.5 +4.5 +0.0 29.0 46.0 -17.0 Vert +0.0 +0.0 +0.0 +0.0	164	203.479M	42.0		+9.1 +0.0	+0.2 +0.0	+2.6 +0.0	+0.0	26.3	43.5	-17.2	vert
163 550.650M 31.7 -27.4 +19.7 +0.5 +4.5 +0.0 29.0 46.0 -17.0 Vert +0.0 +0.0 +0.0 +0.0 +0.0 164 203.479M 42.0 -27.6 +9.1 +0.2 +2.6 +0.0 26.3 43.5 -17.2 Vert												

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165	334.729M	38.5	-27.6	+14.1	+0.3	+3.4	+0.0	28.7	46.0	-17.3	Vert
		15.0	+0.0	+0.0	+0.0	+0.0					
166	232.729M	42.0	-27.6 +0.0	$+11.3 \\ +0.0$	+0.2 +0.0	+2.8 +0.0	+0.0	28.7	46.0	-17.3	Vert
167	447.290M	34.8	-27.6	+17.0	+0.4	+4.0	+0.0	28.6	46.0	-17.4	Horiz
107	447.270W	34.0	+0.0	+17.0	+0.4	+0.0	+0.0	26.0	40.0	-17.4	110112
168	320.732M	38.8	-27.6	+13.8	+0.2	+3.3	+0.0	28.5	46.0	-17.5	Horiz
100	320.732111	20.0	+0.0	+0.0	+0.0	+0.0	10.0	20.5	10.0	17.5	HOHE
169	473.848M	33.8	-27.6	+17.6	+0.4	+4.1	+0.0	28.3	46.0	-17.7	Horiz
			+0.0	+0.0	+0.0	+0.0					
170	526.732M	31.9	-27.5	+19.0	+0.4	+4.4	+0.0	28.2	46.0	-17.8	Horiz
			+0.0	+0.0	+0.0	+0.0					
171	86.193M	40.0	-27.8	+8.1	+0.1	+1.7	+0.0	22.1	40.0	-17.9	Horiz
			+0.0	+0.0	+0.0	+0.0					
172	327.979M	37.9	-27.6	+14.0	+0.3	+3.4	+0.0	28.0	46.0	-18.0	Vert
			+0.0	+0.0	+0.0	+0.0					
173	326.479M	37.6	-27.6	+13.9	+0.3	+3.4	+0.0	27.6	46.0	-18.4	Vert
			+0.0	+0.0	+0.0	+0.0					
174	410.473M	35.0	-27.8	+16.1	+0.4	+3.8	+0.0	27.5	46.0	-18.5	Horiz
_, .			+0.0	+0.0	+0.0	+0.0					
175	205.729M	40.4	-27.6	+9.3	+0.2	+2.6	+0.0	24.9	43.5	-18.6	Vert
			+0.0	+0.0	+0.0	+0.0					
176	486.204M	32.7	-27.6	+17.8	+0.3	+4.1	+0.0	27.3	46.0	-18.7	Vert
			+0.0	+0.0	+0.0	+0.0					
177	330.229M	37.1	-27.6	+14.0	+0.3	+3.4	+0.0	27.2	46.0	-18.8	Vert
			+0.0	+0.0	+0.0	+0.0					
178	327.229M	37.1	-27.6	+13.9	+0.3	+3.4	+0.0	27.1	46.0	-18.9	Vert
			+0.0	+0.0	+0.0	+0.0					
179	209.479M	39.7	-27.6	+9.6	+0.2	+2.6	+0.0	24.5	43.5	-19.0	Vert
			+0.0	+0.0	+0.0	+0.0					
180	460.707M	32.6	-27.6	+17.3	+0.4	+4.0	+0.0	26.7	46.0	-19.3	Horiz
			+0.0	+0.0	+0.0	+0.0					
181	349.682M	35.9	-27.6	+14.5	+0.3	+3.5	+0.0	26.6	46.0	-19.4	Horiz
			+0.0	+0.0	+0.0	+0.0					
182	242.479M	39.2	-27.7	+12.0	+0.3	+2.8	+0.0	26.6	46.0	-19.4	Vert
			+0.0	+0.0	+0.0	+0.0					
183	225.229M	40.5	-27.6	+10.8	+0.2	+2.7	+0.0	26.6	46.0	-19.4	Vert
			+0.0	+0.0	+0.0	+0.0					
184	206.479M	39.5	-27.6	+9.3	+0.2	+2.6	+0.0	24.0	43.5	-19.5	Vert
			+0.0	+0.0	+0.0	+0.0					
185	316.232M	36.9	-27.6	+13.6	+0.2	+3.3	+0.0	26.4	46.0	-19.6	Horiz
			+0.0	+0.0	+0.0	+0.0					
186	245.479M	38.7	-27.7	+12.2	+0.3	+2.9	+0.0	26.4	46.0	-19.6	Vert
			+0.0	+0.0	+0.0	+0.0					
187	425.440M	33.1	-27.7	+16.5	+0.4	+3.9	+0.0	26.2	46.0	-19.8	Horiz
			+0.0	+0.0	+0.0	+0.0					
188	325.729M	36.0	-27.6	+13.9	+0.3	+3.4	+0.0	26.0	46.0	-20.0	Vert
			+0.0	+0.0	+0.0	+0.0					

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189	987.915M	29.4	-27.2	+24.6	+0.7	+6.3	+0.0	33.8	54.0	-20.2	Horiz
100		21.0	+0.0	+0.0	+0.0	+0.0			4.50		
190	487.782M	31.0	-27.6	+17.9	+0.3	+4.2	+0.0	25.8	46.0	-20.2	Horiz
101	426 00214	22.4	+0.0	+0.0	+0.0	+0.0	. 0. 0	25.0	46.0	20.2	TT '
191	436.882M	32.4	-27.7 +0.0	$+16.8 \\ +0.0$	$+0.4 \\ +0.0$	+3.9 +0.0	+0.0	25.8	46.0	-20.2	Horiz
192	271 057M	34.4	-27.7	+15.1			. 0. 0	25.7	46.0	-20.3	Vert
192	371.957M	34.4	+0.0	+13.1 +0.0	+0.3 +0.0	+3.6 +0.0	+0.0	23.1	46.0	-20.5	vert
193	329.479M	35.2	-27.6	+14.0	+0.3	+3.4	+0.0	25.3	46.0	-20.7	Vert
193	329.479IVI	33.2	+0.0	+0.0	+0.0	+0.0	+0.0	23.3	40.0	-20.7	VCIT
194	963.782M	28.7	-27.1	+24.7	+0.7	+6.2	+0.0	33.2	54.0	-20.8	Vert
1)4	703.702IVI	20.7	+0.0	+0.0	+0.0	+0.2	10.0	33.2	34.0	-20.0	VCIT
195	281.465M	36.4	-27.7	+13.0	+0.3	+3.1	+0.0	25.1	46.0	-20.9	Horiz
175	201. 4 031 v 1	30.4	+0.0	+0.0	+0.0	+0.0	10.0	23.1	40.0	-20.7	110112
196	259.729M	37.0	-27.7	+12.6	+0.3	+2.9	+0.0	25.1	46.0	-20.9	Vert
170	237.727IVI	37.0	+0.0	+0.0	+0.0	+0.0	10.0	23.1	40.0	-20.7	VCIT
197	263.465M	36.3	-27.7	+12.7	+0.3	+3.0	+0.0	24.6	46.0	-21.4	Horiz
177	203.403W	30.3	+0.0	+0.0	+0.0	+0.0	10.0	24.0	40.0	-21.4	110112
198	987.943M	28.2	-27.2	+24.6	+0.7	+6.3	+0.0	32.6	54.0	-21.4	Vert
170	707.7 4 31 01	20.2	+0.0	+0.0	+0.0	+0.0	10.0	32.0	34.0	21.7	VCIT
199	311.479M	35.0	-27.6	+13.5	+0.2	+3.3	+0.0	24.4	46.0	-21.6	Vert
1))	311.175141	33.0	+0.0	+0.0	+0.0	+0.0	10.0	21.1	10.0	21.0	VOIT
200	317.479M	34.5	-27.6	+13.7	+0.2	+3.3	+0.0	24.1	46.0	-21.9	Vert
	017777711	0	+0.0	+0.0	+0.0	+0.0	. 0.0		.0.0		, 610
201	246.229M	36.3	-27.7	+12.2	+0.3	+2.9	+0.0	24.0	46.0	-22.0	Vert
			+0.0	+0.0	+0.0	+0.0					
202	390.057M	31.9	-27.8	+15.6	+0.4	+3.7	+0.0	23.8	46.0	-22.2	Vert
			+0.0	+0.0	+0.0	+0.0					
203	422.307M	30.7	-27.7	+16.4	+0.4	+3.8	+0.0	23.6	46.0	-22.4	Vert
			+0.0	+0.0	+0.0	+0.0					
204	264.979M	35.3	-27.7	+12.7	+0.3	+3.0	+0.0	23.6	46.0	-22.4	Vert
			+0.0	+0.0	+0.0	+0.0					
205	484.565M	28.8	-27.6	+17.8	+0.3	+4.1	+0.0	23.4	46.0	-22.6	Horiz
			+0.0	+0.0	+0.0	+0.0					
206	347.479M	32.7	-27.6	+14.4	+0.3	+3.5	+0.0	23.3	46.0	-22.7	Vert
			+0.0	+0.0	+0.0	+0.0					
207	339.229M	33.0	-27.6	+14.2	+0.3	+3.4	+0.0	23.3	46.0	-22.7	Vert
			+0.0	+0.0	+0.0	+0.0					
208	344.479M	32.6	-27.6	+14.4	+0.3	+3.5	+0.0	23.2	46.0	-22.8	Vert
			+0.0	+0.0	+0.0	+0.0					
209	309.979M	33.8	-27.6	+13.5	+0.2	+3.3	+0.0	23.2	46.0	-22.8	Vert
			+0.0	+0.0	+0.0	+0.0					
210	965.623M	26.5	-27.1	+24.7	+0.7	+6.2	+0.0	31.0	54.0	-23.0	Horiz
			+0.0	+0.0	+0.0	+0.0					
211	303.229M	33.9	-27.6	+13.3	+0.2	+3.2	+0.0	23.0	46.0	-23.0	Vert
			+0.0	+0.0	+0.0	+0.0					
212	279.979M	34.5	-27.7	+12.9	+0.3	+3.0	+0.0	23.0	46.0	-23.0	Vert
			+0.0	+0.0	+0.0	+0.0					

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213	380.985M	30.9	-27.7	+15.3	+0.4	+3.6	+0.0	22.5	46.0	-23.5	Vert
			+0.0	+0.0	+0.0	+0.0					
214	257.479M	34.2	-27.7	+12.6	+0.3	+2.9	+0.0	22.3	46.0	-23.7	Vert
			+0.0	+0.0	+0.0	+0.0					
215	241.729M	35.0	-27.7	+11.9	+0.3	+2.8	+0.0	22.3	46.0	-23.7	Vert
			+0.0	+0.0	+0.0	+0.0					
216	296.479M	33.1	-27.6	+13.2	+0.2	+3.2	+0.0	22.1	46.0	-23.9	Vert
			+0.0	+0.0	+0.0	+0.0					
217	273.979M	32.6	-27.7	+12.9	+0.3	+3.0	+0.0	21.1	46.0	-24.9	Vert
			+0.0	+0.0	+0.0	+0.0					

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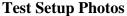


OCCUPIED BANDWIDTH

Test Equipment

Equipment	Asset #	Manufacturer	Model	Serial #	Cal Date	Cal Due
Spectrum Analyzer	02672	Agilent	E4446A	US44300438	010307	010309
Bilog Antenna	01995	Chase	CBL6111C	2451	020206	020208
Pre-amp	00309	HP	8447D	1937A02548	060106	060108
Antenna cable	P05198	Belden	8268	Cable#15	010507	010509
			(RG-214)			
Pre-amp to SA cable	P05050	Pasternack	RG223/U	Cable#10	051607	051609

Test Conditions: The single channel EUT is placed connected to the USB port of a support laptop, the antenna is orientated upright (intended operation) on a wooden table with Styrofoam surface of 5 cm thickness. The support laptop is running application to exercise the EUT continuously transmit and receive mode. A section of unterminated ethernet cable is terminated to a remote support ethernet switch. Frequency = 916.571MHz. 23°C, 61% relative humidity.



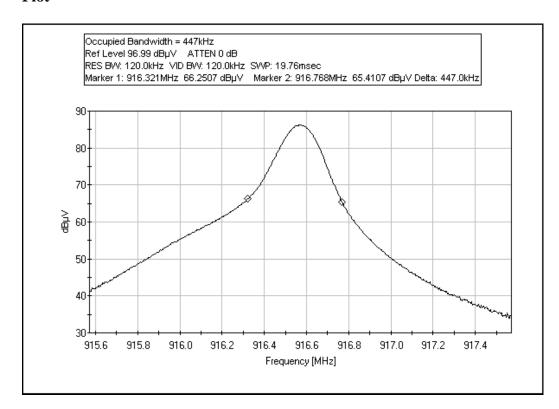


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Plot



Tested By: Eddie Wong

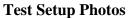


BANDEDGE PLOTS

Test Equipment

Equipment	Asset #	Manufacturer	Model	Serial #	Cal Date	Cal Due
Spectrum Analyzer	02672	Agilent	E4446A	US44300438	010307	010309
Bilog Antenna	01995	Chase	CBL6111C	2451	020206	020208
Pre-amp	00309	HP	8447D	1937A02548	060106	060108
Antenna cable	P05198	Belden	8268	Cable#15	010507	010509
			(RG-214)			
Pre-amp to SA cable	P05050	Pasternack	RG223/U	Cable#10	051607	051609

Test Conditions: The single channel EUT is placed connected to the USB port of a support laptop, the antenna is orientated upright (intended operation) on a wooden table with Styrofoam surface of 5 cm thickness. The support laptop is running application to exercise the EUT continuously transmit and receive mode. A section of unterminated ethernet cable is terminated to a remote support ethernet switch. Frequency = 916.571MHz. 23°C, 61% relative humidity.



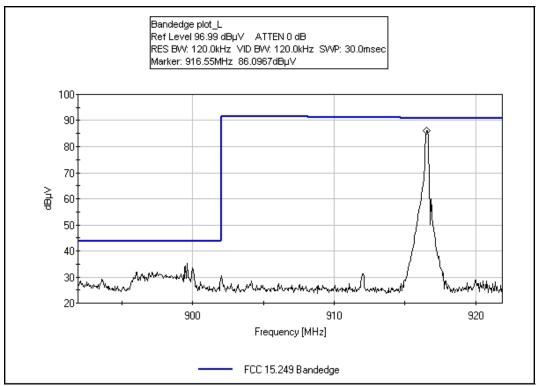


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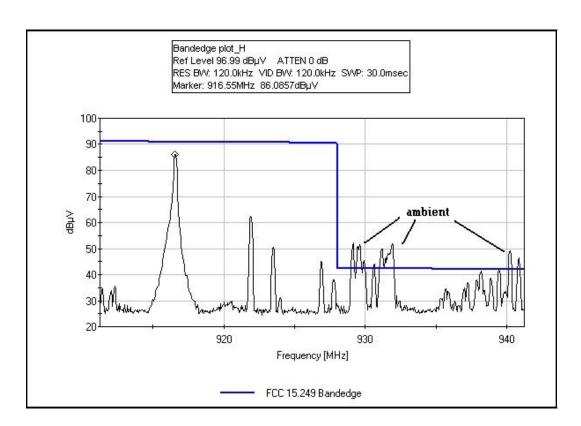
BANDEDGE PLOT L



Tested By: Eddie Wong



BANDEDGE PLOT H



Tested By: Eddie Wong

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