NORTHWEST EMC

Summit Semiconductor LLC

Sherwood XC

FCC 15.407:2016 - DFS
802.11a SISO Radio Module

Report # FOCU0212.1

NVLAP Lab Code: 200630-0

CERTIFICATE OF TEST

NORTHWEST EMC
2014-12-10

Last Date of Test: April 28, 2016
Summit Semiconductor LLC
Model: Sherwood XC

Radio Equipment Testing

Standards

Specification	Method
FCC 15.407:2016	ANSI C63.10:2013, KDB 905462

Results

Method Clause	Test Description	Applied	Results	Comments
KDB 905462 -7.7	Channel Loading/Channel Utilization	Yes	Pass	
KDB 905462 -7.8.3	Move Time	No	N/A	Not required for permissive change
KDB 905462 -7.8.3	Closing Time	No	N/A	Not required for permissive change
KDB 905462 -7.8.3	Non Occupancy Period	No	N/A	Not required for permissive change
KDB 905462 -7.8.2	Channel Availability Check	No	N/A	Not required for permissive change
KDB 905462 -7.8.1	Detection Bandwidth	No	N/A	Not required for permissive change
KDB 905462 -7.8.4	Statistical Performance	Yes	Pass	

Deviations From Test Standards

None

Approved By:

Kyle Holgate, Operations Manager

Product compliance is the responsibility of the client; therefore, the tests and equipment modes of operation represented in this report were agreed upon by the client, prior to testing. The results of this test pertain only to the sample(s) tested. The specific description is noted in each of the individual sections of the test report supporting this certificate of test. This report reflects only those tests from the referenced standards shown in the certificate of test. It does not include inspection or verification of labels, identification, marking or user information.

REVISION HISTORY

NORTHWEST EMC
REV 2014.10.14

Revision Number	Description	Date	Page Number
00	None		

ACCREDITATIONS AND AUTHORIZATIONS

NORTHWEST EMC
REV 2016.3.22

United States

FCC - Designated by the FCC as a Telecommunications Certification Body (TCB). Certification chambers, Open Area Test Sites, and conducted measurement facilities are listed with the FCC.

A2LA - Accredited by A2LA to ISO / IEC 17065 as a product certifier. This allows Northwest EMC to certify transmitters to FCC and IC specifications.

NVLAP - Each laboratory is accredited by NVLAP to ISO 17025

Canada

IC - Recognized by Industry Canada as a Certification Body (CB). Certification chambers and Open Area Test Sites are filed with IC.

European Union

European Commission – Validated by the European Commission as a Notified Body under the R&TTE Directive.

Australia/New Zealand

ACMA - Recognized by ACMA as a CAB for the acceptance of test data.

Korea

MSIP / RRA - Recognized by KCC's RRA as a CAB for the acceptance of test data.

Japan

VCCI - Associate Member of the VCCI. Conducted and radiated measurement facilities are registered.

Taiwan

BSMI – Recognized by BSMI as a CAB for the acceptance of test data.

NCC - Recognized by NCC as a CAB for the acceptance of test data.

Singapore

IDA – Recognized by IDA as a CAB for the acceptance of test data.

Israel

MOC – Recognized by MOC as a CAB for the acceptance of test data.

Hong Kong

OFCA – Recognized by OFCA as a CAB for the acceptance of test data.

Vietnam

MIC – Recognized by MIC as a CAB for the acceptance of test data.

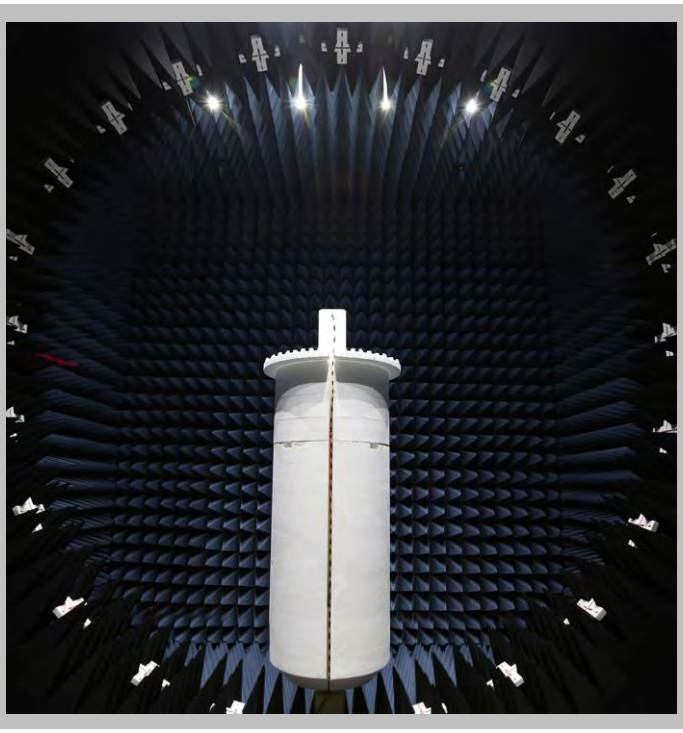
SCOPE

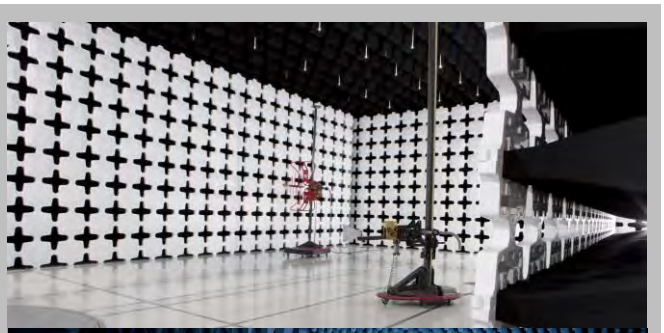
For details on the Scopes of our Accreditations, please visit:
http://www.nwemc.com/accreditations/
http://gsi.nist.gov/global/docs/cabs/designations.html

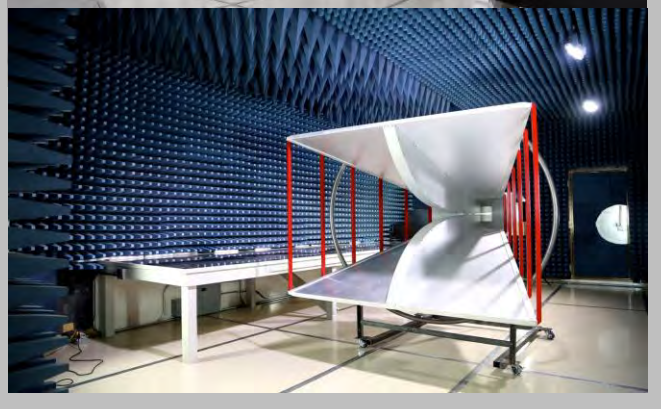
FACILITIES

NORTHWEST EMC
REV 2015.2.19

California	Minnesota	New York	Oregon	Texas	Washington
Labs OC01-13 41 Tesla Irvine, CA 92618 (949) 861-8918	Labs MN01-08, MN10 9349 W Broadway Ave. Brooklyn Park, MN 55445 (612)-638-5136	Labs NY01-04 4939 Jordan Rd. Elbridge, NY 13060 (315) 554-8214	Labs EV01-12 22975 NW Evergreen Pkwy Hillsboro, OR 97124 (503) 844-4066	Labs TX01-09 3801 E Plano Pkwy Plano, TX 75074 (469) 304-5255	Labs NC01-05 19201 120th Ave NE Bothell, WA 98011 (425)984-6600
NVLAP					
NVLAP Lab Code: 200676-0	NVLAP Lab Code: 200881-0	NVLAP Lab Code: 200761-0	NVLAP Lab Code: 200630-0	NVLAP Lab Code:201049-0	NVLAP Lab Code: 200629-0
Industry Canada					
2834B-1, 2834B-3	2834E-1	N/A	2834D-1, 2834D-*2*	2834G-1	2834F-1
BSMI					
SL2-IN-E-1154R	SL2-IN-E-1152R	N/A	SL2-IN-E-1017	SL2-IN-E-1158R	SL2-IN-E-1153R
VCCI					
A-0029	A-0109	N/A	A-0108	A-0201	A-0110
Recognized Phase I CAB for ACMA, BSMI, IDA, KCC/RRA, MIC, MOC, NCC, OFCA					
US0158	US0175	N/A	US0017	US0191	US0157







PRODUCT DESCRIPTION

NORTHWEST EMC 2014-12-10

Client and Equipment Under Test (EUT) Information

Company Name:	Summit Semiconductor LLC
Address:	20575 NW Von Neumann Dr., Suite 100
City, State, Zip:	Beaverton, OR 97006
Test Requested By:	Kenneth Boehlke
Model:	Sherwood XC
First Date of Test:	April 28, 2016
Last Date of Test:	April 28, 2016
Receipt Date of Samples:	April 19, 2016
Equipment Design Stage:	Production
Equipment Condition:	No Damage

Information Provided by the Party Requesting the Test

List all antenna assemblies and their corresponding gains.

1. If radiated tests are to be performed, the U-NII Device should be tested with the lowest gain antenna assembly (regardless of antenna type). The report should indicate which antenna assembly was used for the tests. For devices with adjustable output power, list the output power range and the maximum EIRP for each antenna assembly.
2. If conducted tests are to be performed, indicate which antenna port/connection was used for the tests and the antenna assembly gain that was used to set the DFS Detection Threshold level during calibration of the test setup.
    a. Indicate the calibrated conducted DFS Detection Threshold level.
    b. For devices with adjustable output power, list the output power range and the maximum EIRP for each antenna assembly.
    c. Indicate the antenna connector impedance. Ensure that the measurement instruments match (usually 50 Ohms) or use a minimum loss pad and take into account the conversion loss.
3. Antenna gain measurement verification for tested antenna.
    a. Describe procedure
    b. Describe the antenna configuration and how it is mounted
    c. If an antenna cable is supplied with the device, cable loss needs to be taken into account. Indicate the maximum cable length and either measure the gain with this cable or adjust the measured gain accordingly. State the cable loss.

Master has one 50 ohm antenna (~1dBi), and client has four 50 ohm diversity antennas (~1dBi).

Functional Description of the EUT (Equipment Under Test):

This is a Master device; it has 1 antenna, no diversity, and a monitor radio that shares the antenna with the working radio.

The operating modes (Master and/or Client) of the U-NII device.

Master radio and client combination. Client has no radar detection capability.

For Client devices, indicate whether or not it has DFS Radar detection capabilities

Client does not have radar detection capability. Ad-hoc capability does not apply. A DFS-compliant Master device was used for testing.

System architectures, data rates, U-NII Channel bandwidths.

1. Indicate the type(s) of system architecture (e.g. IP based or Frame based) that the U-NII device employs. Each type of unique architecture must be tested.

Load based system w/spectrum sharing mechanism based on IEEE 802.11 standard

PRODUCT DESCRIPTION

NORTHWEST EMC
2014-12-10

Applicable only to devices with Radar detection capabilities: The time required for the Master Device or Client Device (with radar detection) to complete its power-on cycle.

Power on Cycle is approximately 30 seconds

Hardware, Firmware, and OS Versions:

Hardware version: Sherwood Master R104, Athena4XC Client R102
Firmware version: FW195.1
OS versions: N/A

The operating frequency band(s) of the equipment.

The radio operates on channel center frequencies of 5.18–5.32 GHz, 5.50–5.70 GHz, and 5.745-5.825 GHz with Maximum occupied channel bandwidth of 20 MHz

List the highest and the lowest possible power level (equivalent isotropic radiated power (EIRP) of the equipment.

The maximum EIRP of the 5 GHz equipment is 14 dBm conducted.

Test sequences or messages that should be used for communication between Master and Client Devices, which are used for loading the Channel.

1. Stream the test file from the Master Device to the Client Device for IP based systems or frame based systems which dynamically allocate the talk/listen ratio.
2. For frame based systems with fixed talk/listen ratio, set the ratio to 45%/55% and stream the test file from the Master to the Client.
3. For other system architectures, supply appropriate Channel loading methodology.

Stream the audio test file from the Master Device to the Client Device. Fixed talk/listen ratio, of 75%/25%

Transmit Power Control description.

This device does not exceed 27dBm EIRP, so no transmit power control is implemented.

Applicable only to devices with Radar detection capabilities: Manufacturer statement confirming that information regarding the parameters of the detected Radar Waveforms is not available to the end user.

Parameters of the detected radar signals are not available to the end user.

PRODUCT DESCRIPTION

NORTHWEST EMC
2014-12-10

Applicable only to Master devices: Uniform Channel Spreading requirement for Master Devices. For Master Devices, indicate how the master provides, on aggregate, uniform Channel loading of the spectrum across all Channels.

The Master device uses Dynamic Frequency Selection in its use of the wireless medium and selects channels as follows:

1. The Master unit, after power up, initializes its radios to a default radio channel determined from values preprogrammed in its flash memory. During the Network Beacon process (essential to synchronize the master and slave units for communication) two channels are selected randomly, one for non-DFS and one for DFS use.

2. Then onwards, new channels are derived by a pseudo-random channel selection process performed within each channel set. DFS system senses channel impairment by energy or radar detection on monitor or transmit radios. Channel impairment may also be detected by the transmitter radio by observing the packet loss/error rate as reported by the slave units.

3. When a prospective channel is selected for use, appropriate national regulations are adhered to. For example, when operating in U.S.A, FCC regulations are followed. These regulations govern how long a channel has to be left unused on detection of radar (30 minutes for FCC) and how long a channel has to be monitored for radar before being used (60 seconds for FCC).

4. When a new channel is used, a channel change is done within about 100 ms after detecting impairment (FCC regulations require the channel be vacated within 200 ms of detecting radar).

This channel selection method ensures uniformity of channel loading of all available channels.

For Client devices, indicate the FCC (and IC) identifier for the Master U-NII Device that is used with it for DFS testing.

Sherwood XD , FCC ID: UA9800, IC: 9129A-800, Model: 444-2251

CONFIGURATIONS

NORTHWEST EMC 2014-12-10

Configuration FOCU0212- 1

EUT			
Description	**Manufacturer**	**Model/Part Number**	**Serial Number**
Radio Module (Sherwood XC)	Summit Semiconductor LLC	444-2251	02EA3F000C28

Peripherals in test setup boundary			
Description	**Manufacturer**	**Model/Part Number**	**Serial Number**
Laptop DFS (Dell)	Dell	Latitude D820	None
AC/DC Adapter DFS (DELL)	Replacement AC Adaptor	AC-PA-10	None
Sherwood XC-Bridge	Summit Semiconductor LLC	None	None
Power Supply (Master)	CONDOR	STD-1836P	SA-183A6IV
Raspberry Pi	Authentic SWAG Electronics	Model B	None

Cables					
Cable Type	**Shield**	**Length (m)**	**Ferrite**	**Connection 1**	**Connection 2**
AC Power Cable (Laptop)	No	2.0m	No	AC mains	AC/DC Power Adapter (Dell)
DC Power Cable (Laptop)	Unknown	2.0m	Yes	AC/DC Power Adapter (Dell)	Laptop
Serial Cable	No	1.6m	No	Sherwood XC-Bridge	Laptop DFS
AC Power Cable (Sherwood XC)	No	0.8m	No	AC/DC Power Adapter	AC mains
DC Power Cable (Sherwood XC)	No	1.6m	Yes	Sherwood XC-Bridge	AC/DC Power Adapter
I/O Cable	No	0.9m	No	Raspberry Pi	Development Board (Sherwood XC)
USB Cable	Yes	1.2m	No	Raspberry Pi	Laptop
DC USB Power	Yes	1.0m	No	Raspberry Pi	AC/DC Power Adapter
Ethernet Cable	No	1.5m	No	Raspberry Pi	Laptop

MODIFICATIONS

NORTHWEST EMC
2014-12-10

Equipment Modifications

Item	Date	Test	Modification	Note	Disposition of EUT
1	4/28/2016	Channel Loading/Channel Utilization	Tested as delivered to Test Station.	No EMI suppression devices were added or modified during this test.	EUT remained at Northwest EMC following the test.
2	4/28/2016	Statistical Performance	Tested as delivered to Test Station.	No EMI suppression devices were added or modified during this test.	EUT remained at Northwest EMC following the test.
3	4/28/2016	Test Signal Level	Tested as delivered to Test Station.	No EMI suppression devices were added or modified during this test.	Scheduled testing was completed.

INTRODUCTION & MASTER DEVICE DFS CONFORMANCE

NORTHWEST EMC
2014-12-10

Overview

For a Master device, there are multiple test that should be performed to verify the correct operation when using DFS Channels. Channel Move Time and Channel Closing Transmission Time requirements are verified with one Short Pulse Radar and one Long Pulse Radar. Non-occupancy period, Detection Bandwidth and Channel Availability Check should be confirmed with short radar pulses. The remaining DFS Detection Threshold test is confirmed by the in-service monitoring statistical performance check where all radar types are required.

Channel Closing Transmission Time: The total duration of transmissions, consisting of data signals and the aggregate of control signals, by a U-NII device during the Channel Move Time.

Channel Move Time: The time to cease all transmissions on the current Channel upon detection of a Radar Waveform above the DFS Detection Threshold. In addition, a Master device will instruct all associated client devise to vacate the channel.

Non-Occupancy Period: Time during which both the master and client device shall not make any transmissions on a channel after a radar signal was detected on that channel. It should at least the minimum requirements but it can be more.

Channel Availability Check: A DFS function that monitors a Channel to determine if a Radar Waveform above the DFS Detection Threshold is present.

U-NII Detection Bandwidth: The contiguous frequency spectrum over which a U-NII device detects a Radar Waveform above the DFS Detection Threshold.

DFS Detection Threshold: The required detection level defined by a received signal strength (RSS) that is greater than a specified threshold, within the U-NII Detection Bandwidth (tested as part of Channel Availability Check, U-NII Detection Bandwidth, and statistical performance check.

Uniform Channel Spreading: The spreading of U-NII device Operating Channels over the 5.25-5.35 GHz and/or 5.47-5.725 GHz bands to avoid dense clusters of devices operating on the same Channel (Customer attestation)

Applicability of DFS Requirements Prior to Use of a Channel

Requirement	Operational Mode		
	Master	Client (without DFS)	Client (with DFS)
Non-Occupancy Period	Yes	Not required	Yes
DFS Detection Threshold	Yes	Not required	Yes
Channel Availability Check Time	Yes	Not required	Not required
U-NII Detection Bandwidth	Yes	Not required	Yes

Applicability of DFS requirements during normal operation

Requirement	Operational Mode	
	Master Device or Client with Radar Detection	Client Without Radar Detection
DFS Detection Threshold	Yes	Not required
Channel Closing Transmission Time	Yes	Yes
Channel Move Time	Yes	Yes
U-NII Detection Bandwidth	Yes	Not required

INTRODUCTION & MASTER DEVICE DFS CONFORMANCE

NORTHWEST EMC 2014-12-10

Additional requirement for devices with multiple bandwidth modes	Operational Mode	
	Master Device or Client with Radar Detection	Client Without Radar Detection
U-NII Detection Bandwidth and Statistical Performance Check	All BW modes must be tested	Not required
Channel Move Time and Channel Closing Transmission Time	Test using widest BW mode available	Test using widest BW mode available for the link
All other tests	Any single BW mode	Not required
Note: Frequencies selected for statistical performance check (Section 7.8.4) should include several frequencies within the radar detection bandwidth and frequencies near the edge of the radar detection bandwidth. For 802.11 devices it is suggested to select frequencies in each of the bonded 20 MHz channels and the channel center frequency.		

DFS Detection Thresholds for Master or Client Devices Incorporating DFS

Maximum Transmit Power	Value (See Notes 1, 2, and 3)
EIRP ≥ 200 milliwatt	-64 dBm
EIRP < 200 milliwatt and power spectral density < 10 dBm/MHz	-62 dBm
EIRP < 200 milliwatt that do not meet the power spectral density requirement	-64 dBm
Note 1: This is the level at the input of the receiver assuming a 0 dBi receive antenna. Note 2: Throughout these test procedures an additional 1 dB has been added to the amplitude of the test transmission waveforms to account for variations in measurement equipment. This will ensure that the test signal is at or above the detection threshold level to trigger a DFS response. Note3: EIRP is based on the highest antenna gain. For MIMO devices refer to KDB Publication 662911 D01.	

DFS Response Requirement Values

Parameter	Value
Non-occupancy	Minimum 30 minutes
Channel Availability Check Time	60 seconds
Channel Move Time	10 seconds (See Note 1)
Channel Closing Transmission Time	200 milliseconds + an aggregate of 60 milliseconds over remaining 10 second period. (See Notes 1 and 2).
U-NII Detection Bandwidth	Minimum 100% of the UNII 99% transmission power bandwidth. (See Note 3).
Note 1: Channel Move Time and the Channel Closing Transmission Time should be performed with Radar Type 0. The measurement timing begins at the end of the Radar Type 0 burst. Note 2: The Channel Closing Transmission Time is comprised of 200 milliseconds starting at the beginning of the Channel Move Time plus any additional intermittent control signals required to facilitate a Channel move (an aggregate of 60 milliseconds) during the remainder of the 10 second period. The aggregate duration of control signals will not count quiet periods in between transmissions. Note 3: During the U-NII Detection Bandwidth detection test, radar type 0 should be used. For each frequency step the minimum percentage of detection is 90 percent. Measurements are performed with no data traffic.	

Short Pulse Radar Test Waveforms

Radar Type	Pulse Width (μsec)	PRI (μsec)	Number of Pulses	Minimum Percentage of Successful Detection	Minimum Number of Trials
0	1	1428	18	See Note 1	See Note 1
1	1	Test A: 15 unique PRI values randomly selected from the list of 23 PRI values in Table 5a Test B: 15 unique PRI values randomly selected within the range of 518-3066 μsec, with a minimum increment of 1 μsec, excluding PRI values selected in Test A	(See KDB section 6.1)	60%	30
2	1 - 5	150 - 230	23 - 29	60%	30
3	6 -10	200 - 500	16 – 18	60%	30
4	11 - 20	200 - 500	12 -16	60%	30
Aggregate (Radar Types 1-4)				80%	120
Note 1: Short Pulse Radar Type 0 should be used for the detection bandwidth test, channel move time, and channel closing time tests.					

Long Pulse Radar Test Waveforms

Radar Type	Pulse Width (μsec)	Chirp Width (MHz)	PRI (μsec)	Number of Pulses per Burst	Number of Bursts	Minimum Percentage of Successful Detection	Minimum Number of Trials
5	50 - 100	5 - 20	1000 - 2000	1 - 3	8 - 20	80%	30

Frequency Hopping Radar Test Waveform

Radar Type	Pulse Width (μsec)	PRI (μsec)	Pulses per Hop	Hopping Rate (kHz)	Hopping Sequence Length (msec)	Minimum Percentage of Successful Detection	Minimum Number of Trials
6	1	333	9	0.333	300	70%	30

Setting the Test Signal Level

The radar test signal level is set at the Master Device, or the Client Device with In-Service Monitoring, as appropriate for the particular test. This device is known as the Radar Detection Device (RDD). The RDD consists of the applicable device and the device antenna assembly that has the lowest antenna assembly gain of all available antenna assemblies. Depending on the UUT, the following configurations exist:

- When the Master Device is the UUT, the Master Device is the RDD.
- When a Client Device without Radar Detection is the UUT, the Master Device is the RDD.
- When a Client Device with Radar Detection is the UUT, and is tested for response to the Master Device detections, the Master Device is the RDD.
- When a Client Device with Radar Detection is the UUT, and is tested for independent response to detections by the Client Device, the Client Device is the RDD.

A spectrum analyzer is used to establish the test signal level for each radar type. During this process, there are no transmissions by either the Master Device or Client Device. The spectrum analyzer is switched to the zero span (time domain) mode at the frequency of the Radar Waveform generator. The peak detector function of the spectrum analyzer is utilized. The spectrum analyzer resolution bandwidth (RBW) and video bandwidth (VBW) are set to at least 3 MHz.

The signal generator amplitude and/or step attenuators are set so that the power level measured at the spectrum analyzer is equal to the DFS Detection Threshold that is required for the tests. The signal generator and attenuator settings are recorded for use during the test.

Data demonstrating that the test signal level is correctly set for each radar type (0-6) will be recorded and reported.

CHANNEL LOADING/CHANNEL UTILIZATION - WORKING RADIO

XMit 2015.01.14

Testing was performed using the mode(s) of operation and configuration(s) noted within the report. The individuals and/or the organization requesting the test provided the modes, configurations and settings used to complete the evaluation. The actual test parameters are specified in the test data, this includes items such as investigated frequency range (scanned) and test levels. The testing methods and performance specifications, as well as the test site used for the evaluation are indicated in the test data.

TEST EQUIPMENT

Description	Manufacturer	Model	ID	Last Cal.	Interval (mo)
Analyzer - Spectrum Analyzer	Keysight	N9010A	AFP	2/13/2016	12
Block - DC	Fairview Microwave	SD3379	AMQ	6/18/2015	12
Attenuator	S.M. Electronics	SA26B-6	AUX	7/15/2015	12
Attenuator	Fairview Microwave	SA26B-10	TWH	5/12/2015	12
Power Divider/Combiner	Fairview Microwave	MP0208-2	IAJ	NCR	0
Power Divider/Combiner	Fairview Microwave	MP0208-2	IAI	NCR	0
Attenuator	Mini Circuits	BW-S10W2	RKI	NCR	0
Attenuator	Fairview Microwave	SA26B-06	TWF	5/12/2015	12
Attenuator	Aeroflex/Weinschel	3053	RKF	NCR	0
Attenuator	Aeroflex/Weinschel	3053	RKG	NCR	0
Directional Coupler	Fairview Microwave	MC2047-10	RGT	NCR	0
Attenuator	Weinschel Corp	3330A-6	AUF	12/23/2015	12
Meter - Power	Gigatronics	8651A	SPM	5/25/2015	12
Power Sensor	Gigatronics	80701A	SPL	5/25/2015	12
Attenuator	S.M. Electronics	SA18N-06/SM4032	REE	10/1/2015	12
Generator - Signal	Keysight	N5182B	TFU	NCR	0
Cable	ESM Cable Corp.	TT	EV1	NCR	0

TEST DESCRIPTION

The measurements were made using a zero span on the spectrum analyzer to see the pulses in the time domain as further described by the sweep times listed in the test data. A direct connection was made between the RF output of the master and client system setup which used the conducted method described in the FCC KDB 905462 test procedure via a series of splitters and attenuators.

CHANNEL LOADING/CHANNEL UTILIZATION - WORKING RADIO

NORTHWEST EMC

XMit 2015.01.14

EUT:	Sherwood XC			**Work Order:**	FOCU0212
Serial Number:	02EA3F000C28			**Date:**	04/28/16
Customer:	Summit Semiconductor LLC			**Temperature:**	22.8°C
Attendees:	David Schilling			**Humidity:**	46%
Project:	None			**Barometric Pres.:**	1010.7
Tested by:	Brandon Hobbs	**Power:**	1.2VDC/3.3VDC via 110VAC/60Hz	**Job Site:**	EV06

TEST SPECIFICATIONS	**Test Method**
FCC 15.407:2016	ANSI C63.10:2013

COMMENTS

The product was operating in isoc mode.

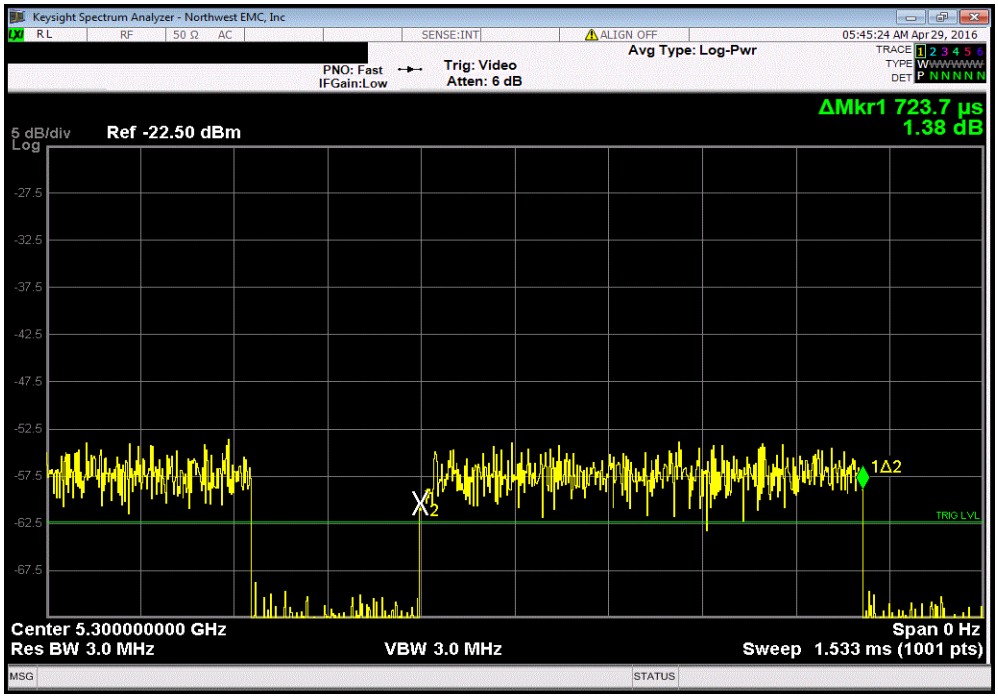
DEVIATIONS FROM TEST STANDARD

None

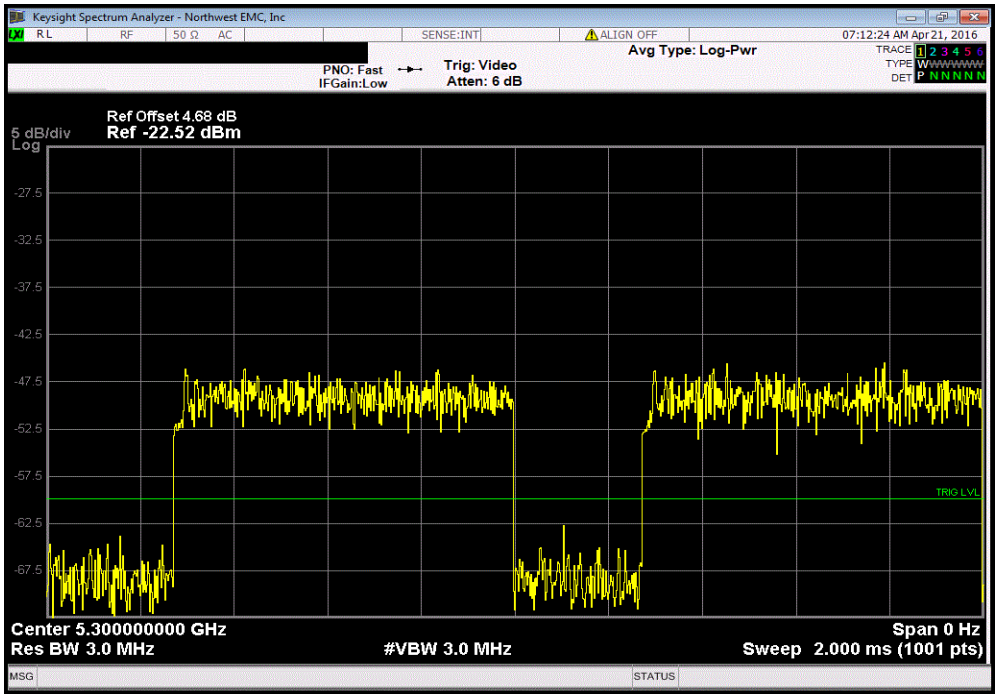
Configuration #	1	*Signature*

	# of Pulses	Pulse On Time (µs)	Value (%)	Limit (%)	Result
Working Radio					
5300 MHz					
48 kHz Sampling Rate					
Pulse On Time	N/A	723.7	N/A	≥ 17%	N/A
2mS	2	723.7	72.37	≥ 17%	PASS
10mS	10	723.7	72.37	≥ 17%	PASS
25mS	25	723.7	72.37	≥ 17%	PASS
100mS	100	723.7	72.37	≥ 17%	PASS
10Sec	10000	723.7	72.37	≥ 17%	PASS
96 kHz Sampling Rate					
Pulse On Time	N/A	376	N/A	≥ 17%	N/A
2mS	4	376	75.2	≥ 17%	PASS
10mS	20	376	75.2	≥ 17%	PASS
25mS	50	376	75.2	≥ 17%	PASS
100mS	200	376	75.2	≥ 17%	PASS
10Sec	20000	376	75.2	≥ 17%	PASS

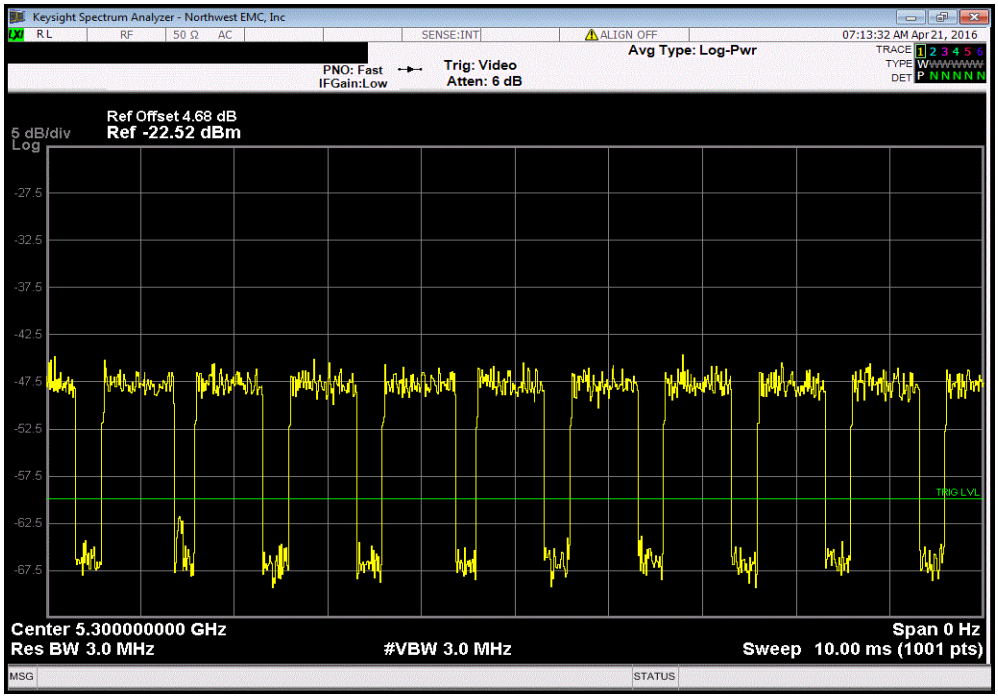
Working Radio, 5300 MHz, 48 kHz Sampling Rate, Pulse On Time						
		# of Pulses	Pulse On Time (µs)	Value (%)	Limit (%)	Result
		N/A	723.7	N/A	≥ 17%	N/A



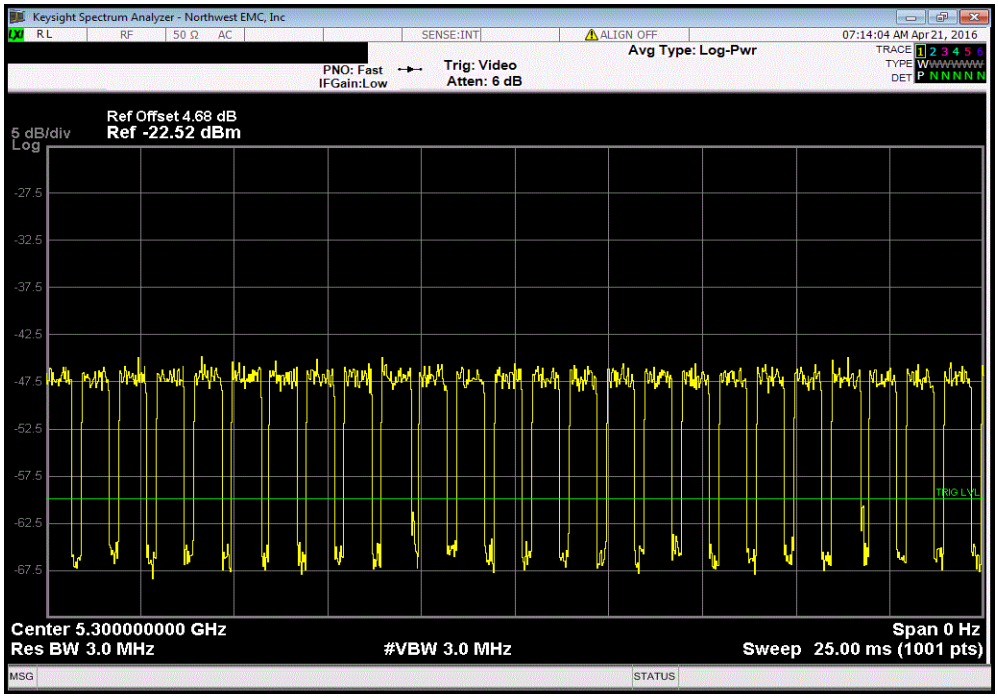
Working Radio, 5300 MHz, 48 kHz Sampling Rate, 2mS						
		# of Pulses	Pulse On Time (µs)	Value (%)	Limit (%)	Result
		2	723.7	72.37	≥ 17%	PASS



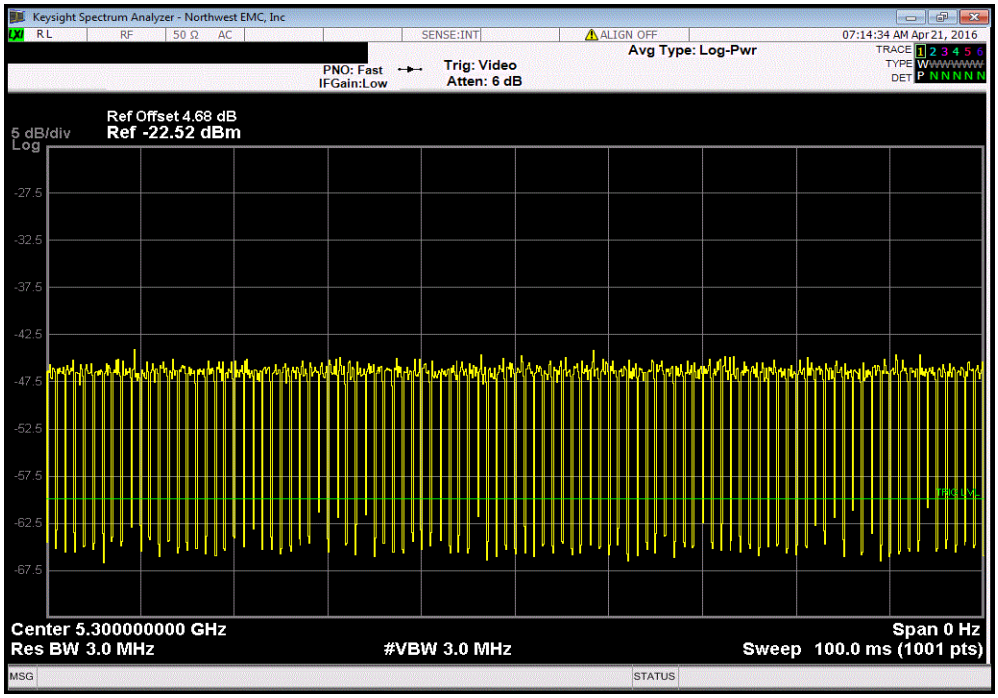
Working Radio, 5300 MHz, 48 kHz Sampling Rate, 10mS						
		# of Pulses	Pulse On Time (µs)	Value (%)	Limit (%)	Result
		10	723.7	72.37	≥ 17%	PASS



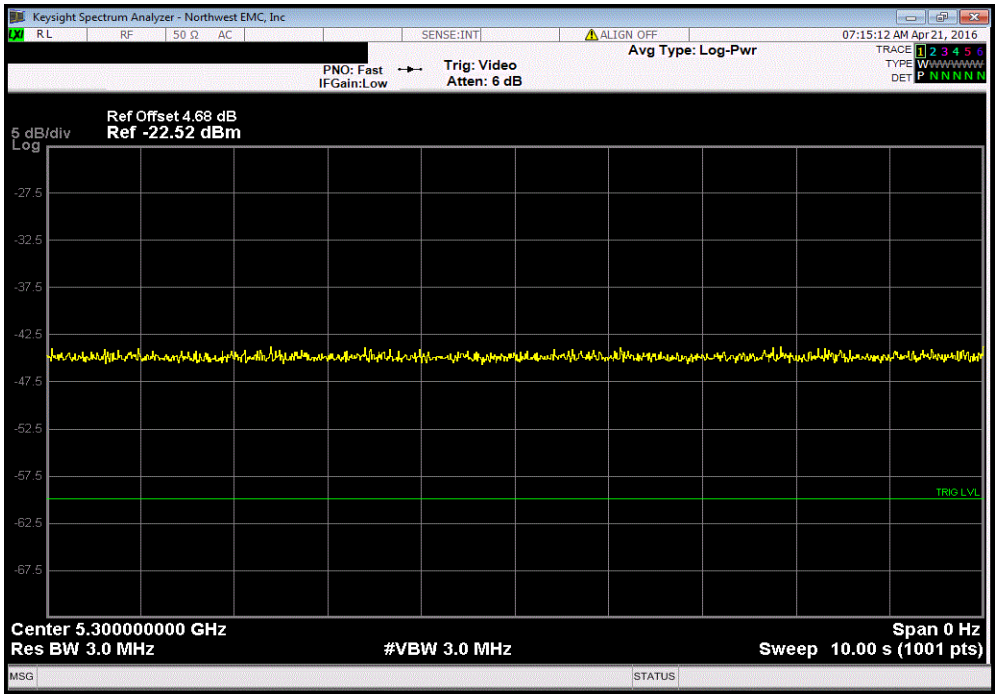
Working Radio, 5300 MHz, 48 kHz Sampling Rate, 25mS						
		# of Pulses	Pulse On Time (µs)	Value (%)	Limit (%)	Result
		25	723.7	72.37	≥ 17%	PASS



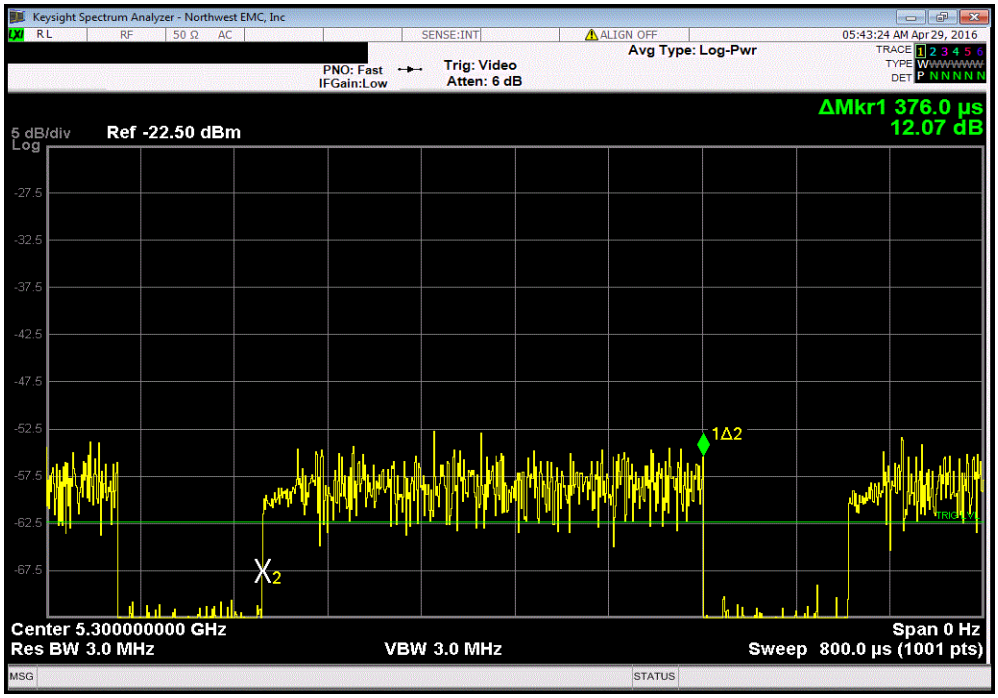
Working Radio, 5300 MHz, 48 kHz Sampling Rate, 100mS						
		# of Pulses	Pulse On Time (µs)	Value (%)	Limit (%)	Result
		100	723.7	72.37	≥ 17%	PASS



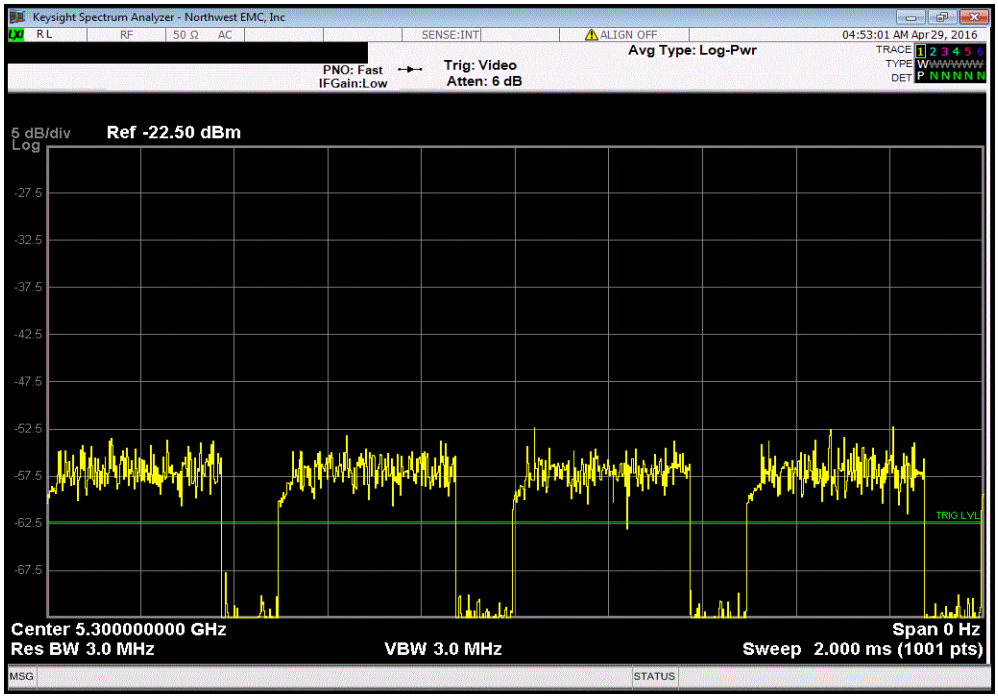
Working Radio, 5300 MHz, 48 kHz Sampling Rate, 10Sec						
		# of Pulses	Pulse On Time (µs)	Value (%)	Limit (%)	Result
		10000	723.7	72.37	≥ 17%	PASS



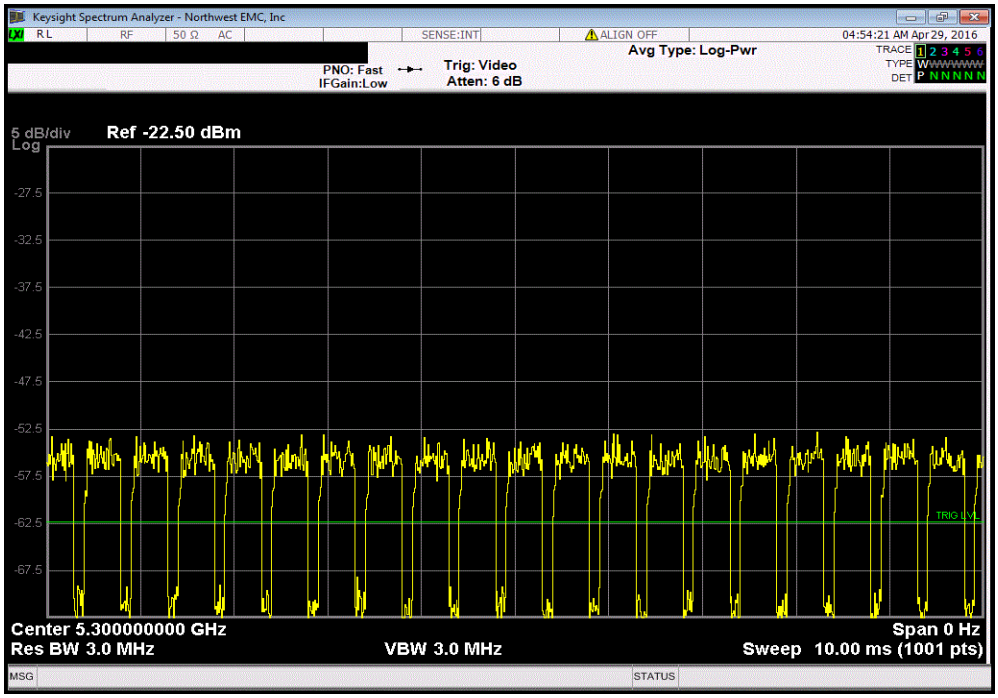
Working Radio, 5300 MHz, 96 kHz Sampling Rate, Pulse On Time						
		# of Pulses	Pulse On Time (µs)	Value (%)	Limit (%)	Result
		N/A	376	N/A	≥ 17%	N/A



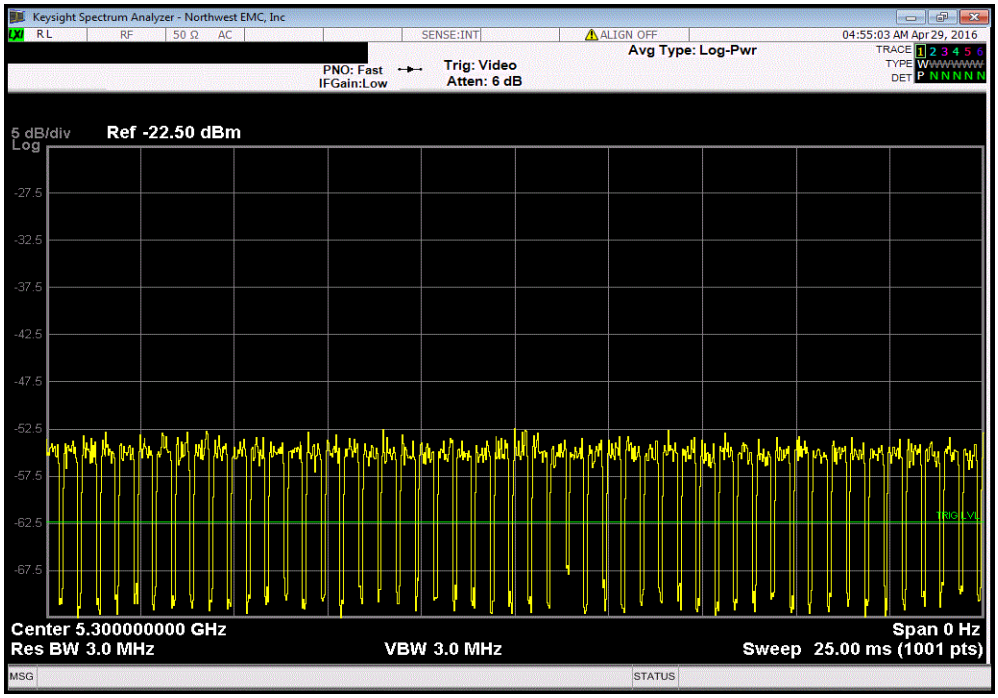
Working Radio, 5300 MHz, 96 kHz Sampling Rate, 2mS						
		# of Pulses	Pulse On Time (µs)	Value (%)	Limit (%)	Result
		4	376	75.2	≥ 17%	PASS



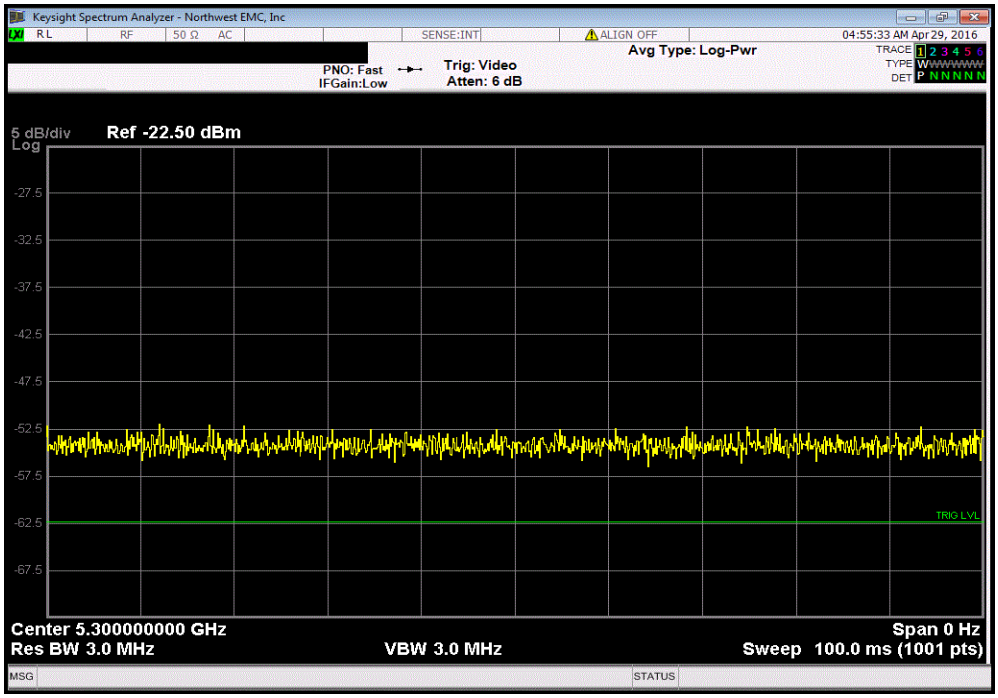
Working Radio, 5300 MHz, 96 kHz Sampling Rate, 10mS						
		# of Pulses	Pulse On Time (µs)	Value (%)	Limit (%)	Result
		20	376	75.2	≥ 17%	PASS



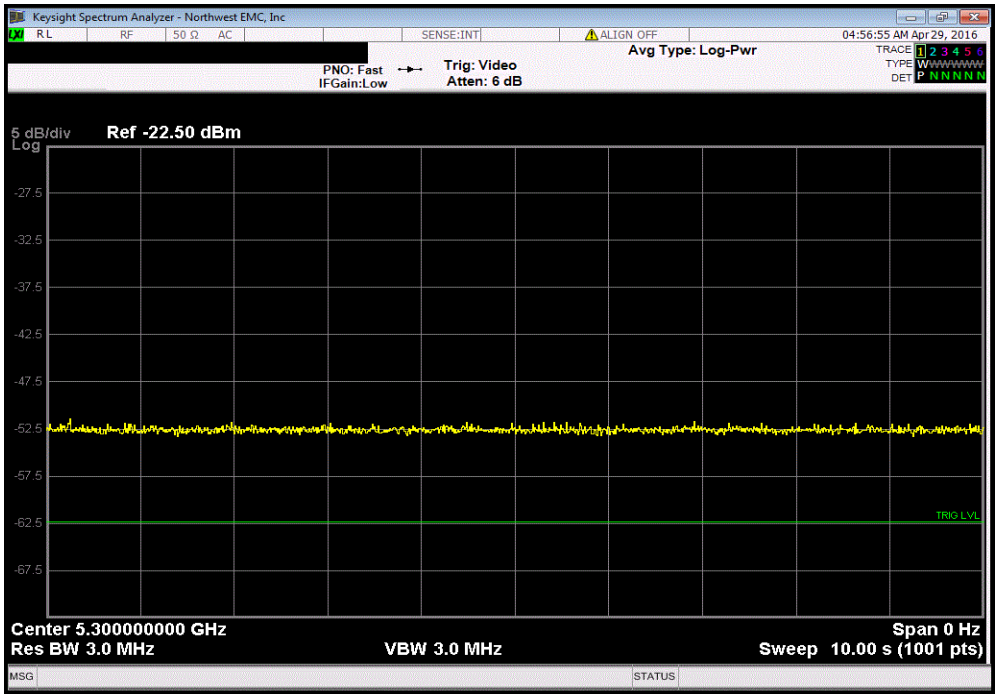
Working Radio, 5300 MHz, 96 kHz Sampling Rate, 25mS						
		# of Pulses	Pulse On Time (µs)	Value (%)	Limit (%)	Result
		50	376	75.2	≥ 17%	PASS



Working Radio, 5300 MHz, 96 kHz Sampling Rate, 100mS						
		# of Pulses	Pulse On Time (µs)	Value (%)	Limit (%)	Result
		200	376	75.2	≥ 17%	PASS



Working Radio, 5300 MHz, 96 kHz Sampling Rate, 10Sec						
		# of Pulses	Pulse On Time (µs)	Value (%)	Limit (%)	Result
		20000	376	75.2	≥ 17%	PASS



STATISTICAL PERFORMANCE CHECK - MONITOR RADIO 48 kHz

NORTHWEST EMC

XMit 2015.01.14

Testing was performed using the mode(s) of operation and configuration(s) noted within the report. The individuals and/or the organization requesting the test provided the modes, configurations and settings used to complete the evaluation. The actual test parameters are specified in the test data, this includes items such as investigated frequency range (scanned) and test levels. The testing methods and performance specifications, as well as the test site used for the evaluation are indicated in the test data.

TEST EQUIPMENT

Description	Manufacturer	Model	ID	Last Cal.	Interval (mo)
Analyzer - Spectrum Analyzer	Keysight	N9010A	AFP	2/13/2016	12
Block - DC	Fairview Microwave	SD3379	AMQ	6/18/2015	12
Attenuator	S.M. Electronics	SA26B-6	AUX	7/15/2015	12
Attenuator	Fairview Microwave	SA26B-10	TWH	5/12/2015	12
Power Divider/Combiner	Fairview Microwave	MP0208-2	IAJ	NCR	0
Power Divider/Combiner	Fairview Microwave	MP0208-2	IAI	NCR	0
Attenuator	Mini Circuits	BW-S10W2	RKI	NCR	0
Attenuator	Fairview Microwave	SA26B-06	TWF	5/12/2015	12
Attenuator	Aeroflex/Weinschel	3053	RKG	NCR	0
Attenuator	Aeroflex/Weinschel	3053	RKF	NCR	0
Directional Coupler	Fairview Microwave	MC2047-10	RGT	NCR	0
Attenuator	Weinschel Corp	3330A-6	AUF	12/23/2015	12
Meter - Power	Gigatronics	8651A	SPM	5/25/2015	12
Power Sensor	Gigatronics	80701A	SPL	5/25/2015	12
Attenuator	S.M. Electronics	SA18N-06/SM4032	REE	10/1/2015	12
Generator - Signal	Keysight	N5182B	TFU	NCR	0
Cable	ESM Cable Corp.	TT	EV1	NCR	0
Generator - Signal	Agilent	V2920A	TIH	NCR	0
Generator - Signal	Benchforge Manufacturing	Colt	TIN	NCR	0

TEST DESCRIPTION

The master and client were connected using the conducted method described in the FCC KDB procedure via a series of splitters and attenuators which allows the radar signals to be injected and monitored. For master devices, the detection level was set prior to testing by temporarily replacing the master device with the analyzer and setting the power level according to Table 3 and Section 7.5. Where required, an approved Media file was streamed between the master and client or an alternative method to load the channel may be used instead. Channel loading requirements were also verified prior to testing. Configuration and status of the master and client devices were then monitored with the spectrum analyzer. Essentially, a move time test is performed on all the necessary radar types to make sure the master and client vacate the channel when a radar signal is injected. Numerous trials are performed for each radar type to establish a statistical analysis of detection probability, and the guidelines of section 7.8.4 of the procedure were used to calculate the data and determine if the results passed.

STATISTICAL PERFORMANCE CHECK - MONITOR RADIO 48 kHz

NORTHWEST EMC

XMit 2015.01.14

EUT:	Sherwood XC			**Work Order:**	FOCU0212
Serial Number:	02EA3F000C28			**Date:**	04/28/16
Customer:	Summit Semiconductor LLC			**Temperature:**	22.8°C
Attendees:	David Schilling			**Humidity:**	46%
Project:	None			**Barometric Pres.:**	1010.7
Tested by:	Brandon Hobbs	**Power:**	1.2VDC/3.3VDC via 110VAC/60Hz	**Job Site:**	EV06

TEST SPECIFICATIONS	Test Method
FCC 15.407:2016	ANSI C63.10:2013

COMMENTS

The product was operating in isoc mode.

DEVIATIONS FROM TEST STANDARD

None

Configuration #	1	Signature

						Value	Limit	Result
Monitor Radio								
	48 KHz Sampling Frequency							
		5300 MHz						
		Radar Type 0					100.0%	60.0%	PASS
		Radar Type 1A					100.0%	60.0%	PASS
		Radar Type 1B					100.0%	60.0%	PASS
		Radar Type 2					100.0%	60.0%	PASS
		Radar Type 3					100.0%	60.0%	PASS
		Radar Type 4					100.0%	60.0%	PASS
		Radar Type 1-4 Summary	100%	100%	100%	100%	100.0%	80.0%	PASS
		Radar Type 5					100.0%	80.0%	PASS
		Radar Type 6					100.0%	70.0%	PASS

STATISTICAL PERFORMANCE CHECK - MONITOR RADIO 48 kHz

NORTHWEST EMC

XMit 2015.01.14

Monitor Radio, 48 KHz Sampling Frequency, 5300 MHz, Radar Type 0						
				Value	**Limit**	**Result**
				100.0%	60.0%	PASS

Trial #	Detected
1	PASS
2	PASS
3	PASS
4	PASS
5	PASS
6	PASS
7	PASS
8	PASS
9	PASS
10	PASS
11	PASS
12	PASS
13	PASS
14	PASS
15	PASS
16	PASS
17	PASS
18	PASS
19	PASS
20	PASS
21	PASS
22	PASS
23	PASS
24	PASS
25	PASS
26	PASS
27	PASS
28	PASS
29	PASS
30	PASS

Monitor Radio, 48 KHz Sampling Frequency, 5300 MHz, Radar Type 1A						
				Value	**Limit**	**Result**
				100.0%	60.0%	PASS

Trial #	Detected
1	PASS
2	PASS
3	PASS
4	PASS
5	PASS
6	PASS
7	PASS
8	PASS
9	PASS
10	PASS
11	PASS
12	PASS
13	PASS
14	PASS
15	PASS

STATISTICAL PERFORMANCE CHECK - MONITOR RADIO 48 kHz

NORTHWEST EMC

XMit 2015.01.14

Monitor Radio, 48 KHz Sampling Frequency, 5300 MHz, Radar Type 1B

				Value	Limit	Result
				100.0%	60.0%	PASS

Trial #	Detected
1	PASS
2	PASS
3	PASS
4	PASS
5	PASS
6	PASS
7	PASS
8	PASS
9	PASS
10	PASS
11	PASS
12	PASS
13	PASS
14	PASS
15	PASS

Monitor Radio, 48 KHz Sampling Frequency, 5300 MHz, Radar Type 2

				Value	Limit	Result
				100.0%	60.0%	PASS

Trial #	Detected	No. of Pulses Per Burst	Pulse Width (us)	PRI (us)
1	PASS	24	3.000 us	203.000 us
2	PASS	27	4.900 us	187.000 us
3	PASS	26	4.800 us	160.000 us
4	PASS	23	4.800 us	168.000 us
5	PASS	24	5.000 us	230.000 us
6	PASS	25	1.900 us	154.000 us
7	PASS	29	3.600 us	158.000 us
8	PASS	26	5.000 us	180.000 us
9	PASS	28	2.800 us	226.000 us
10	PASS	25	1.200 us	224.000 us
11	PASS	29	1.300 us	180.000 us
12	PASS	26	3.100 us	153.000 us
13	PASS	26	2.600 us	216.000 us
14	PASS	27	2.200 us	204.000 us
15	PASS	29	3.300 us	179.000 us
16	PASS	28	4.500 us	192.000 us
17	PASS	27	4.100 us	194.000 us
18	PASS	29	4.700 us	193.000 us
19	PASS	26	2.400 us	185.000 us
20	PASS	27	2.900 us	208.000 us
21	PASS	28	1.600 us	170.000 us
22	PASS	27	3.700 us	210.000 us
23	PASS	28	3.000 us	207.000 us
24	PASS	28	4.300 us	218.000 us
25	PASS	28	2.900 us	200.000 us
26	PASS	26	2.500 us	191.000 us
27	PASS	28	1.500 us	218.000 us
28	PASS	25	1.600 us	204.000 us
29	PASS	23	4.900 us	221.000 us
30	PASS	26	2.100 us	206.000 us

STATISTICAL PERFORMANCE CHECK - MONITOR RADIO 48 kHz

NORTHWEST EMC

XMit 2015.01.14

Monitor Radio, 48 KHz Sampling Frequency, 5300 MHz, Radar Type 3

				Value	Limit	Result
				100.0%	60.0%	PASS

Trial #	Detected	No. of Pulses Per Burst	Pulse Width (us)	PRI (us)
1	PASS	16	8.300 us	385.000 us
2	PASS	16	7.100 us	481.000 us
3	PASS	17	7.900 us	379.000 us
4	PASS	16	10.000 us	296.000 us
5	PASS	17	8.600 us	433.000 us
6	PASS	16	8.300 us	463.000 us
7	PASS	17	9.600 us	395.000 us
8	PASS	18	8.700 us	318.000 us
9	PASS	18	7.500 us	205.000 us
10	PASS	18	6.800 us	331.000 us
11	PASS	16	7.600 us	370.000 us
12	PASS	16	6.300 us	363.000 us
13	PASS	18	9.800 us	372.000 us
14	PASS	18	7.100 us	311.000 us
15	PASS	18	9.700 us	469.000 us
16	PASS	16	6.800 us	214.000 us
17	PASS	16	9.500 us	296.000 us
18	PASS	18	9.100 us	371.000 us
19	PASS	18	7.900 us	355.000 us
20	PASS	16	6.900 us	404.000 us
21	PASS	16	8.400 us	426.000 us
22	PASS	17	8.800 us	416.000 us
23	PASS	17	8.900 us	485.000 us
24	PASS	18	7.700 us	300.000 us
25	PASS	18	6.400 us	444.000 us
26	PASS	18	6.200 us	484.000 us
27	PASS	16	6.200 us	468.000 us
28	PASS	18	9.000 us	323.000 us
29	PASS	16	6.300 us	350.000 us
30	PASS	18	7.100 us	215.000 us

Monitor Radio, 48 KHz Sampling Frequency, 5300 MHz, Radar Type 4

				Value	Limit	Result
				100.0%	60.0%	PASS

Trial #	Detected	No. of Pulses Per Burst	Pulse Width (us)	PRI (us)
1	PASS	13	14.800 us	481.000 us
2	PASS	13	14.900 us	302.000 us
3	PASS	16	13.800 us	484.000 us
4	PASS	13	11.400 us	500.000 us
5	PASS	16	11.600 us	303.000 us
6	PASS	12	11.500 us	426.000 us
7	PASS	13	13.200 us	370.000 us
8	PASS	13	14.200 us	405.000 us
9	PASS	15	12.900 us	342.000 us
10	PASS	13	12.600 us	342.000 us
11	PASS	15	17.200 us	467.000 us
12	PASS	14	17.600 us	389.000 us
13	PASS	15	12.600 us	473.000 us
14	PASS	12	11.000 us	310.000 us
15	PASS	13	14.100 us	347.000 us
16	PASS	14	18.100 us	366.000 us
17	PASS	15	11.200 us	387.000 us
18	PASS	16	11.000 us	318.000 us
19	PASS	14	18.700 us	287.000 us
20	PASS	14	12.500 us	452.000 us
21	PASS	15	15.400 us	474.000 us
22	PASS	13	13.200 us	203.000 us
23	PASS	15	13.000 us	309.000 us
24	PASS	16	12.100 us	410.000 us
25	PASS	15	13.300 us	204.000 us
26	PASS	14	16.400 us	315.000 us
27	PASS	12	13.100 us	248.000 us
28	PASS	13	14.600 us	271.000 us
29	PASS	15	17.800 us	359.000 us
30	PASS	16	15.800 us	374.000 us

STATISTICAL PERFORMANCE CHECK - MONITOR RADIO 48 kHz

NORTHWEST EMC

XMit 2015.01.14

Monitor Radio, 48 KHz Sampling Frequency, 5300 MHz, Radar Type 1-4 Summary						
				Value	**Limit**	**Result**
100%	100%	100%	100%	100%	80%	PASS

Monitor Radio, 48 KHz Sampling Frequency, 5300 MHz, Radar Type 5						
				Value	**Limit**	**Result**
				100.0%	80.0%	PASS

Trial #	Detected
1	PASS
2	PASS
3	PASS
4	PASS
5	PASS
6	PASS
7	PASS
8	PASS
9	PASS
10	PASS
11	PASS
12	PASS
13	PASS
14	PASS
15	PASS
16	PASS
17	PASS
18	PASS
19	PASS
20	PASS
21	PASS
22	PASS
23	PASS
24	PASS
25	PASS
26	PASS
27	PASS
28	PASS
29	PASS
30	PASS

STATISTICAL PERFORMANCE CHECK - MONITOR RADIO 48 kHz

NORTHWEST EMC

XMit 2015.01.14

Monitor Radio, 48 KHz Sampling Frequency, 5300 MHz, Radar Type 6						
				Value	**Limit**	**Result**
				100.0%	70.0%	PASS

Trial #	Detected
1	PASS
2	PASS
3	PASS
4	PASS
5	PASS
6	PASS
7	PASS
8	PASS
9	PASS
10	PASS
11	PASS
12	PASS
13	PASS
14	PASS
15	PASS
16	PASS
17	PASS
18	PASS
19	PASS
20	PASS
21	PASS
22	PASS
23	PASS
24	PASS
25	PASS
26	PASS
27	PASS
28	PASS
29	PASS
30	PASS

STATISTICAL PERFORMANCE CHECK - MONITOR RADIO 48 kHz

NORTHWEST EMC

XMit 2015.01.14

Profile Type	USA 'Bin 5'
Profile Freq (Hz)	5.3E+09
ARB Sample Rate (Hz)	1E+08
Pulse Power (dBm)	5

Burst Number	Frequency (Hz)	Burst Seen?	Chirp BW (Hz)	Pulse Number	Start Time (usecs)	Lead Blank Time (usecs)	PW (usecs)	Off Time (usecs)	Trail Blank Time (usecs)	Pulse Active Time (on+off, usecs)	Total Burst Active Time (usecs)	Number Lead Blank Reps
1	5.3E+09	YES	15000000	1	38835	38835	75.4	4239.6	811220	4315	4315	9
2	5.3E+09	YES	17000000	1	932040	77670	78.3	1516.7	0	1595	---	---
2	5.3E+09	YES	17000000	2	933635	0	78.3	2641.7	772385	2720	4315	18
3	5.3E+09	YES	17000000	1	2558795	850055	61	1227	0	1288	---	---
3	5.3E+09	YES	17000000	2	2560083	0	61	2966	0	3027	4315	197
4	5.3E+09	YES	9000000	1	2951460	388350	78.4	1143.6	0	1222	---	---
4	5.3E+09	YES	9000000	2	2952682	0	78.4	1908.6	0	1987	---	---
4	5.3E+09	YES	9000000	3	2954669	0	78.4	1027.6	461705	1106	4315	90
5	5.3E+09	YES	14000000	1	4043155	625675	64.3	1173.7	0	1238	---	---
5	5.3E+09	YES	14000000	2	4044393	0	64.3	3012.7	224380	3077	4315	145
6	5.3E+09	YES	8000000	1	4901840	629990	85.9	1341.1	0	1427	---	---
6	5.3E+09	YES	8000000	2	4903267	0	85.9	2802.1	220065	2888	4315	146

STATISTICAL PERFORMANCE CHECK - MONITOR RADIO 48 kHz

NORTHWEST EMC

XMit 2015.01.14

Profile Type	USA 'Bin 5'
Profile Freq (Hz)	5.3E+09
ARB Sample Rate (Hz)	1E+08
Pulse Power (dBm)	5

Burst Number	Frequency (Hz)	Burst Seen?	Chirp BW (Hz)	Pulse Number	Start Time (usecs)	Lead Blank Time (usecs)	PW (usecs)	Off Time (usecs)	Trail Blank Time (usecs)	Pulse Active Time (on+off, usecs)	Total Burst Active Time (usecs)	Number Lead Blank Reps
1	5.3E+09	YES	16000000	1	299820	299820	52	1755	0	1807	---	---
1	5.3E+09	YES	16000000	2	301627	0	52	3138	359784	3190	4997	60
2	5.3E+09	YES	12000000	1	1099340	434739	96	1891	0	1987	---	---
2	5.3E+09	YES	12000000	2	1101327	0	96	2914	224865	3010	4997	87
3	5.3E+09	YES	13000000	1	1364181	34979	51.1	1366.9	0	1418	---	---
3	5.3E+09	YES	13000000	2	1365599	0	51.1	3527.9	624625	3579	4997	7
4	5.3E+09	YES	5000000	1	2408554	414751	53.8	4943.2	244853	4997	4997	83
5	5.3E+09	YES	12000000	1	3088146	429742	72.1	1863.9	0	1936	---	---
5	5.3E+09	YES	12000000	2	3090082	0	72.1	2988.9	229862	3061	4997	86
6	5.3E+09	YES	12000000	1	3527882	204877	78.3	1413.7	0	1492	---	---
6	5.3E+09	YES	12000000	2	3529374	0	78.3	1614.7	0	1693	---	---

STATISTICAL PERFORMANCE CHECK - MONITOR RADIO 48 kHz

NORTHWEST EMC

XMit 2015.01.14

Profile Type	USA 'Bin 5'
Profile Freq (Hz)	5.3E+09
ARB Sample Rate (Hz)	1E+08
Pulse Power (dBm)	5

Burst Number	Frequency (Hz)	Burst Seen?	Chirp BW (Hz)	Pulse Number	Start Time (usecs)	Lead Blank Time (usecs)	PW (usecs)	Off Time (usecs)	Trail Blank Time (usecs)	Pulse Active Time (on+off, usecs)	Total Burst Active Time (usecs)	Number Lead Blank Reps
1	5.3E+09	YES	11000000	1	742944	742944	70	1611	0	1681	---	---
1	5.3E+09	YES	11000000	2	744625	0	70	3481	104640	3551	5232	142
2	5.3E+09	YES	15000000	1	1161504	308688	62.6	1627.4	0	1690	---	---
2	5.3E+09	YES	15000000	2	1163194	0	62.6	3479.4	538896	3542	5232	59
3	5.3E+09	YES	15000000	1	2401488	695856	75.6	5156.4	151728	5232	5232	133
4	5.3E+09	YES	7000000	1	3254304	695856	62.9	954.1	0	1017	---	---
4	5.3E+09	YES	7000000	2	3255321	0	62.9	1294.1	0	1357	---	---
4	5.3E+09	YES	7000000	3	3256678	0	62.9	2795.1	151728	2858	5232	133
5	5.3E+09	YES	8000000	1	3772272	361008	82.9	1900.1	0	1983	---	---
5	5.3E+09	YES	8000000	2	3774255	0	82.9	1853.1	0	1936	---	---

STATISTICAL PERFORMANCE CHECK - MONITOR RADIO 48 kHz

NORTHWEST EMC

XMit 2015.01.14

Profile Type	USA 'Bin 5'
Profile Freq (Hz)	5.3E+09
ARB Sample Rate (Hz)	1E+08
Pulse Power (dBm)	5

Burst Number	Frequency (Hz)	Burst Seen?	Chirp BW (Hz)	Pulse Number	Start Time (usecs)	Lead Blank Time (usecs)	PW (usecs)	Off Time (usecs)	Trail Blank Time (usecs)	Pulse Active Time (on+off, usecs)	Total Burst Active Time (usecs)	Number Lead Blank Reps
1	5.3E+09	YES	7000000	1	40752	40752	54.7	4473.3	751648	4528	4528	9
2	5.3E+09	YES	19000000	1	1168224	371296	60.4	1653.6	0	1714	---	---
2	5.3E+09	YES	19000000	2	1169938	0	60.4	2753.6	421104	2814	4528	82
3	5.3E+09	YES	15000000	1	2322864	729008	82.5	1518.5	0	1601	---	---
3	5.3E+09	YES	15000000	2	2324465	0	82.5	2844.5	63392	2927	4528	161
4	5.3E+09	YES	12000000	1	2884336	493552	90.3	4437.7	298848	4528	4528	109
5	5.3E+09	YES	18000000	1	3808048	620336	88.5	4439.5	172064	4528	4528	137
6	5.3E+09	YES	6000000	1	4704592	719952	79.3	4448.7	72448	4528	4528	159
7	5.3E+09	YES	16000000	1	5546800	765232	64.3	4463.7	27168	4528	4528	169
8	5.3E+09	YES	16000000	1	5727920	149424	78.5	4449.5	642976	4528	4528	33
9	5.3E+09	YES	16000000	1	6624464	249040	74.8	1900.2	0	1975	---	---
9	5.3E+09	YES	16000000	2	6626439	0	74.8	2478.2	543360	2553	4528	55
10	5.3E+09	YES	17000000	1	7960224	787872	76.3	1030.7	0	1107	---	---
10	5.3E+09	YES	17000000	2	7961331	0	76.3	1384.7	0	1461	---	---
10	5.3E+09	YES	17000000	3	7962792	0	76.3	1883.7	4528	1960	4528	174

STATISTICAL PERFORMANCE CHECK - MONITOR RADIO 48 kHz

NORTHWEST EMC

XMit 2015.01.14

Profile Type	USA 'Bin 5'
Profile Freq (Hz)	5.3E+09
ARB Sample Rate (Hz)	1E+08
Pulse Power (dBm)	5

Burst Number	Frequency (Hz)	Burst Seen?	Chirp BW (Hz)	Pulse Number	Start Time (usecs)	Lead Blank Time (usecs)	PW (usecs)	Off Time (usecs)	Trail Blank Time (usecs)	Pulse Active Time (on+off, usecs)	Total Burst Active Time (usecs)	Number Lead Blank Reps
1	5.3E+09	YES	16000000	1	916608	916608	61.7	1278.3	0	1340	---	---
1	5.3E+09	YES	16000000	2	917948	0	61.7	3372.3	167090	3434	4774	192
2	5.3E+09	YES	17000000	1	1126664	38192	83.7	954.3	0	1038	---	---
2	5.3E+09	YES	17000000	2	1127702	0	83.7	1677.3	0	1761	---	---
2	5.3E+09	YES	17000000	3	1129463	0	83.7	1891.3	1045506	1975	4774	8
3	5.3E+09	YES	13000000	1	2472932	295988	56.4	1367.6	0	1424	---	---
3	5.3E+09	YES	13000000	2	2474356	0	56.4	3293.6	787710	3350	4774	62
4	5.3E+09	YES	15000000	1	3881262	615846	51.3	1481.7	0	1533	---	---
4	5.3E+09	YES	15000000	2	3882795	0	51.3	3189.7	467852	3241	4774	129
5	5.3E+09	YES	12000000	1	4688068	334180	97.4	1707.6	0	1805	---	---
5	5.3E+09	YES	12000000	2	4689873	0	97.4	2871.6	749518	2969	4774	70
6	5.3E+09	YES	13000000	1	5967500	525140	53.7	1570.3	0	1624	---	---
6	5.3E+09	YES	13000000	2	5969124	0	53.7	3096.3	558558	3150	4774	110
7	5.3E+09	YES	19000000	1	6602442	71610	74.8	4699.2	1012088	4774	4774	15
8	5.3E+09	YES	6000000	1	8621844	1002540	52.1	958.9	0	1011	---	---

STATISTICAL PERFORMANCE CHECK - MONITOR RADIO 48 kHz

NORTHWEST EMC

XMit 2015.01.14

Profile Type	USA 'Bin 5'
Profile Freq (Hz)	5.31E+09
ARB Sample Rate (Hz)	1E+08
Pulse Power (dBm)	5

Burst Number	Frequency (Hz)	Burst Seen?	Chirp BW (Hz)	Pulse Number	Start Time (usecs)	Lead Blank Time (usecs)	PW (usecs)	Off Time (usecs)	Trail Blank Time (usecs)	Pulse Active Time (on+off, usecs)	Total Burst Active Time (usecs)	Number Lead Blank Reps
1	5.31E+09	YES	20000000	1	54538	54538	67	1360	0	1427	---	---
1	5.31E+09	YES	20000000	2	55965	0	67	1673	0	1740	---	---
1	5.31E+09	YES	20000000	3	57705	0	67	1724	644540	1791	4958	11
2	5.31E+09	YES	7000000	1	981684	277648	53.3	1254.7	0	1308	---	---
2	5.31E+09	YES	7000000	2	982992	0	53.3	3596.7	421430	3650	4958	56
3	5.31E+09	YES	14000000	1	1779922	371850	91.5	4866.5	327228	4958	4958	75
4	5.31E+09	YES	11000000	1	2622782	510674	77.5	1842.5	0	1920	---	---
4	5.31E+09	YES	11000000	2	2624702	0	77.5	2960.5	188404	3038	4958	103
5	5.31E+09	YES	11000000	1	3069002	252858	86.9	1097.1	0	1184	---	---

STATISTICAL PERFORMANCE CHECK - MONITOR RADIO 48 kHz

NORTHWEST EMC

XMit 2015.01.14

Profile Type	USA 'Bin 5'
Profile Freq (Hz)	5.31E+09
ARB Sample Rate (Hz)	1E+08
Pulse Power (dBm)	5

Burst Number	Frequency (Hz)	Burst Seen?	Chirp BW (Hz)	Pulse Number	Start Time (usecs)	Lead Blank Time (usecs)	PW (usecs)	Off Time (usecs)	Trail Blank Time (usecs)	Pulse Active Time (on+off, usecs)	Total Burst Active Time (usecs)	Number Lead Blank Reps
1	5.31E+09	YES	5000000	1	1156318	1156318	66.1	4731.9	38384	4798	4798	241
2	5.31E+09	YES	16000000	1	2043948	844448	82.9	4715.1	350254	4798	4798	176
3	5.31E+09	YES	12000000	1	3128296	729296	68.8	1540.2	0	1609	---	---
3	5.31E+09	YES	12000000	2	3129905	0	68.8	3120.2	465406	3189	4798	152
4	5.31E+09	YES	9000000	1	4567696	969196	98.3	1722.7	0	1821	---	---
4	5.31E+09	YES	9000000	2	4569517	0	98.3	2878.7	225506	2977	4798	202
5	5.31E+09	YES	8000000	1	5344972	546972	50.9	1523.1	0	1574	---	---
5	5.31E+09	YES	8000000	2	5346546	0	50.9	3173.1	647730	3224	4798	114
6	5.31E+09	YES	17000000	1	6952302	954802	84.1	1723.9	0	1808	---	---
6	5.31E+09	YES	17000000	2	6954110	0	84.1	1057.9	0	1142	---	---
6	5.31E+09	YES	17000000	3	6955252	0	84.1	1763.9	239900	1848	4798	199
7	5.31E+09	YES	19000000	1	7580840	383840	51.9	1701.1	0	1753	---	---

STATISTICAL PERFORMANCE CHECK - MONITOR RADIO 48 kHz

NORTHWEST EMC

XMit 2015.01.14

Profile Type	USA 'Bin 5'
Profile Freq (Hz)	5.31E+09
ARB Sample Rate (Hz)	1E+08
Pulse Power (dBm)	5

Burst Number	Frequency (Hz)	Burst Seen?	Chirp BW (Hz)	Pulse Number	Start Time (usecs)	Lead Blank Time (usecs)	PW (usecs)	Off Time (usecs)	Trail Blank Time (usecs)	Pulse Active Time (on+off, usecs)	Total Burst Active Time (usecs)	Number Lead Blank Reps
1	5.31E+09	YES	12000000	1	645012	645012	83.5	1697.5	0	1781	---	---
1	5.31E+09	YES	12000000	2	646793	0	83.5	2809.5	56088	2893	4674	138
2	5.31E+09	YES	20000000	1	1266654	560880	92.2	1803.8	0	1896	---	---
2	5.31E+09	YES	20000000	2	1268550	0	92.2	2685.8	140220	2778	4674	120
3	5.31E+09	YES	10000000	1	1476984	65436	93.4	1636.6	0	1730	---	---
3	5.31E+09	YES	10000000	2	1478714	0	93.4	2850.6	635664	2944	4674	14
4	5.31E+09	YES	10000000	1	2743638	626316	65.9	1751.1	0	1817	---	---
4	5.31E+09	YES	10000000	2	2745455	0	65.9	2791.1	74784	2857	4674	134
5	5.31E+09	YES	15000000	1	2921250	98154	79	4595	602946	4674	4674	21
6	5.31E+09	YES	16000000	1	4005618	476748	93.6	1656.4	0	1750	---	---
6	5.31E+09	YES	16000000	2	4007368	0	93.6	2830.4	224352	2924	4674	102
7	5.31E+09	YES	10000000	1	4365516	130872	91.8	4582.2	570228	4674	4674	28
8	5.31E+09	YES	9000000	1	4991832	51414	71.1	1068.9	0	1140	---	---
8	5.31E+09	YES	9000000	2	4992972	0	71.1	1829.9	0	1901	---	---

STATISTICAL PERFORMANCE CHECK - MONITOR RADIO 48 kHz

NORTHWEST EMC

XMit 2015.01.14

Profile Type	USA 'Bin 5'
Profile Freq (Hz)	5.31E+09
ARB Sample Rate (Hz)	1E+08
Pulse Power (dBm)	5

Burst Number	Frequency (Hz)	Burst Seen?	Chirp BW (Hz)	Pulse Number	Start Time (usecs)	Lead Blank Time (usecs)	PW (usecs)	Off Time (usecs)	Trail Blank Time (usecs)	Pulse Active Time (on+off, usecs)	Total Burst Active Time (usecs)	Number Lead Blank Reps
1	5.31E+09	YES	18000000	1	197820	197820	98.5	1294.5	0	1393	---	---
1	5.31E+09	YES	18000000	2	199213	0	98.5	4003.5	714350	4102	5495	36
2	5.31E+09	YES	8000000	1	1626520	708855	91.1	1082.9	0	1174	---	---
2	5.31E+09	YES	8000000	2	1627694	0	91.1	4229.9	203315	4321	5495	129
3	5.31E+09	YES	20000000	1	2687055	851725	91.6	5403.4	60445	5495	5495	155
4	5.31E+09	YES	14000000	1	3450860	697865	69.1	1777.9	0	1847	---	---
4	5.31E+09	YES	14000000	2	3452707	0	69.1	1588.9	0	1658	---	---
4	5.31E+09	YES	14000000	3	3454365	0	69.1	1920.9	214305	1990	5495	127
5	5.31E+09	YES	11000000	1	4126745	456085	76.1	1854.9	0	1931	---	---

STATISTICAL PERFORMANCE CHECK - MONITOR RADIO 48 kHz

NORTHWEST EMC

XMit 2015.01.14

Profile Type	USA 'Bin 5'
Profile Freq (Hz)	5.31E+09
ARB Sample Rate (Hz)	1E+08
Pulse Power (dBm)	5

Burst Number	Frequency (Hz)	Burst Seen?	Chirp BW (Hz)	Pulse Number	Start Time (usecs)	Lead Blank Time (usecs)	PW (usecs)	Off Time (usecs)	Trail Blank Time (usecs)	Pulse Active Time (on+off, usecs)	Total Burst Active Time (usecs)	Number Lead Blank Reps
1	5.31E+09	YES	10000000	1	378410	378410	76.6	4713.4	282610	4790	4790	79
2	5.31E+09	YES	20000000	1	852620	186810	71	1158	0	1229	---	---
2	5.31E+09	YES	20000000	2	853849	0	71	3490	474210	3561	4790	39
3	5.31E+09	YES	6000000	1	1360360	28740	65.3	1662.7	0	1728	---	---
3	5.31E+09	YES	6000000	2	1362088	0	65.3	2996.7	632280	3062	4790	6
4	5.31E+09	YES	13000000	1	2596180	598750	91.5	1792.5	0	1884	---	---
4	5.31E+09	YES	13000000	2	2598064	0	91.5	2814.5	62270	2906	4790	125
5	5.31E+09	YES	5000000	1	2921900	258660	94.3	1303.7	0	1398	---	---
5	5.31E+09	YES	5000000	2	2923298	0	94.3	3297.7	402360	3392	4790	54

STATISTICAL PERFORMANCE CHECK - MONITOR RADIO 48 kHz

NORTHWEST EMC

XMit 2015.01.14

Profile Type	USA 'Bin 5'
Profile Freq (Hz)	5.29E+09
ARB Sample Rate (Hz)	1E+08
Pulse Power (dBm)	5

Burst Number	Frequency (Hz)	Burst Seen?	Chirp BW (Hz)	Pulse Number	Start Time (usecs)	Lead Blank Time (usecs)	PW (usecs)	Off Time (usecs)	Trail Blank Time (usecs)	Pulse Active Time (on+off, usecs)	Total Burst Active Time (usecs)	Number Lead Blank Reps
1	5.29E+09	YES	7000000	1	460653	460653	61.5	1290.5	0	1352	---	---
1	5.29E+09	YES	7000000	2	462005	0	61.5	3335.5	389418	3397	4749	97
2	5.29E+09	YES	18000000	1	1339218	484398	76.4	4672.6	365673	4749	4749	102
3	5.29E+09	YES	5000000	1	2175042	465402	56.6	1536.4	0	1593	---	---
3	5.29E+09	YES	5000000	2	2176635	0	56.6	3099.4	384669	3156	4749	98
4	5.29E+09	YES	10000000	1	2721177	156717	87.5	1266.5	0	1354	---	---
4	5.29E+09	YES	10000000	2	2722531	0	87.5	3307.5	693354	3395	4749	33
5	5.29E+09	YES	13000000	1	4093638	674358	58.4	1599.6	0	1658	---	---
5	5.29E+09	YES	13000000	2	4095296	0	58.4	1034.6	0	1093	---	---
5	5.29E+09	YES	13000000	3	4096389	0	58.4	1939.6	175713	1998	4749	142
6	5.29E+09	YES	6000000	1	5029191	755091	67	1759	0	1826	---	---
6	5.29E+09	YES	6000000	2	5031017	0	67	2856	94980	2923	4749	159
7	5.29E+09	YES	10000000	1	5233398	104478	51.8	1218.2	0	1270	---	---
7	5.29E+09	YES	10000000	2	5234668	0	51.8	3427.2	745593	3479	4749	22

STATISTICAL PERFORMANCE CHECK - MONITOR RADIO 48 kHz

NORTHWEST EMC

XMit 2015.01.14

Profile Type	USA 'Bin 5'
Profile Freq (Hz)	5.29E+09
ARB Sample Rate (Hz)	1E+08
Pulse Power (dBm)	5

Burst Number	Frequency (Hz)	Burst Seen?	Chirp BW (Hz)	Pulse Number	Start Time (usecs)	Lead Blank Time (usecs)	PW (usecs)	Off Time (usecs)	Trail Blank Time (usecs)	Pulse Active Time (on+off, usecs)	Total Burst Active Time (usecs)	Number Lead Blank Reps
1	5.29E+09	YES	14000000	1	750164	750164	67.8	4424.2	98824	4492	4492	167
2	5.29E+09	YES	16000000	1	907384	53904	95.2	4396.8	795084	4492	4492	12
3	5.29E+09	YES	11000000	1	1724928	17968	78.2	4413.8	831020	4492	4492	4
4	5.29E+09	YES	19000000	1	2699692	139252	88	1231	0	1319	---	---
4	5.29E+09	YES	19000000	2	2701011	0	88	3085	709736	3173	4492	31
5	5.29E+09	YES	16000000	1	3957452	543532	53.7	4438.3	305456	4492	4492	121
6	5.29E+09	YES	12000000	1	4325796	58396	74.5	1113.5	0	1188	---	---
6	5.29E+09	YES	12000000	2	4326984	0	74.5	1252.5	0	1327	---	---
6	5.29E+09	YES	12000000	3	4328311	0	74.5	1902.5	790592	1977	4492	13
7	5.29E+09	YES	20000000	1	5659920	539040	81.2	1570.8	0	1652	---	---
7	5.29E+09	YES	20000000	2	5661572	0	81.2	2758.8	309948	2840	4492	120

STATISTICAL PERFORMANCE CHECK - MONITOR RADIO 48 kHz

NORTHWEST EMC

XMit 2015.01.14

Profile Type	USA 'Bin 5'
Profile Freq (Hz)	5.29E+09
ARB Sample Rate (Hz)	1E+08
Pulse Power (dBm)	5

Burst Number	Frequency (Hz)	Burst Seen?	Chirp BW (Hz)	Pulse Number	Start Time (usecs)	Lead Blank Time (usecs)	PW (usecs)	Off Time (usecs)	Trail Blank Time (usecs)	Pulse Active Time (on+off, usecs)	Total Burst Active Time (usecs)	Number Lead Blank Reps
1	5.29E+09	YES	9000000	1	229872	229872	83	1056	0	1139	---	---
1	5.29E+09	YES	9000000	2	231011	0	83	3567	684827	3650	4789	48
2	5.29E+09	YES	5000000	1	1666572	747084	96.3	1385.7	0	1482	---	---
2	5.29E+09	YES	5000000	2	1668054	0	96.3	3210.7	167615	3307	4789	156
3	5.29E+09	YES	17000000	1	2140683	301707	87.5	1814.5	0	1902	---	---
3	5.29E+09	YES	17000000	2	2142585	0	87.5	2799.5	612992	2887	4789	63
4	5.29E+09	YES	19000000	1	3548649	790185	84.4	1481.6	0	1566	---	---
4	5.29E+09	YES	19000000	2	3550215	0	84.4	3138.6	124514	3223	4789	165
5	5.29E+09	YES	20000000	1	3888668	210716	91	1188	0	1279	---	---
5	5.29E+09	YES	20000000	2	3889947	0	91	3419	703983	3510	4789	44
6	5.29E+09	YES	11000000	1	5349313	751873	100	1396	0	1496	---	---

STATISTICAL PERFORMANCE CHECK - MONITOR RADIO 48 kHz

NORTHWEST EMC

XMit 2015.01.14

Profile Type	USA 'Bin 5'
Profile Freq (Hz)	5.29E+09
ARB Sample Rate (Hz)	1E+08
Pulse Power (dBm)	5

Burst Number	Frequency (Hz)	Burst Seen?	Chirp BW (Hz)	Pulse Number	Start Time (usecs)	Lead Blank Time (usecs)	PW (usecs)	Off Time (usecs)	Trail Blank Time (usecs)	Pulse Active Time (on+off, usecs)	Total Burst Active Time (usecs)	Number Lead Blank Reps
1	5.29E+09	YES	17000000	1	417069	417069	74.3	5074.7	242003	5149	5149	81
2	5.29E+09	YES	18000000	1	993757	329536	98.1	1038.9	0	1137	---	---
2	5.29E+09	YES	18000000	2	994894	0	98.1	1393.9	0	1492	---	---
2	5.29E+09	YES	18000000	3	996386	0	98.1	2421.9	329536	2520	5149	64
3	5.29E+09	YES	11000000	1	1385081	56639	90	1294	0	1384	---	---
3	5.29E+09	YES	11000000	2	1386465	0	90	1375	0	1465	---	---
3	5.29E+09	YES	11000000	3	1387930	0	90	2210	602433	2300	5149	11
4	5.29E+09	YES	14000000	1	2553904	561241	53.3	5095.7	97831	5149	5149	109
5	5.29E+09	YES	14000000	1	3135741	478857	53.6	5095.4	180215	5149	5149	93

STATISTICAL PERFORMANCE CHECK - MONITOR RADIO 48 kHz

NORTHWEST EMC

XMit 2015.01.14

Profile Type	USA 'Bin 5'
Profile Freq (Hz)	5.29E+09
ARB Sample Rate (Hz)	1E+08
Pulse Power (dBm)	5

Burst Number	Frequency (Hz)	Burst Seen?	Chirp BW (Hz)	Pulse Number	Start Time (usecs)	Lead Blank Time (usecs)	PW (usecs)	Off Time (usecs)	Trail Blank Time (usecs)	Pulse Active Time (on+off, usecs)	Total Burst Active Time (usecs)	Number Lead Blank Reps
1	5.29E+09	YES	18000000	1	517398	517398	83.5	5250.5	272034	5334	5334	97
2	5.29E+09	YES	19000000	1	917448	122682	96.1	1397.9	0	1494	---	---
2	5.29E+09	YES	19000000	2	918942	0	96.1	1797.9	0	1894	---	---
2	5.29E+09	YES	19000000	3	920836	0	96.1	1849.9	666750	1946	5334	23
3	5.29E+09	YES	6000000	1	2277618	688086	62.8	1317.2	0	1380	---	---
3	5.29E+09	YES	6000000	2	2278998	0	62.8	3891.2	101346	3954	5334	129
4	5.29E+09	YES	6000000	1	2976372	592074	63.1	1904.9	0	1968	---	---
4	5.29E+09	YES	6000000	2	2978340	0	63.1	3302.9	197358	3366	5334	111
5	5.29E+09	YES	9000000	1	3579114	400050	85.6	5248.4	389382	5334	5334	75
6	5.29E+09	YES	7000000	1	4139184	165354	75.8	1278.2	0	1354	---	---
6	5.29E+09	YES	7000000	2	4140538	0	75.8	1037.2	0	1113	---	---

STATISTICAL PERFORMANCE CHECK - MONITOR RADIO 48 kHz

NORTHWEST EMC

XMit 2015.01.14

Profile Type	USA 'Bin 5'
Profile Freq (Hz)	5.3E+09
ARB Sample Rate (Hz)	1E+08
Pulse Power (dBm)	5

Burst Number	Frequency (Hz)	Burst Seen?	Chirp BW (Hz)	Pulse Number	Start Time (usecs)	Lead Blank Time (usecs)	PW (usecs)	Off Time (usecs)	Trail Blank Time (usecs)	Pulse Active Time (on+off, usecs)	Total Burst Active Time (usecs)	Number Lead Blank Reps
1	5.3E+09	YES	18000000	1	454464	454464	55.6	1029.4	0	1085	---	---
1	5.3E+09	YES	18000000	2	455549	0	55.6	3067.4	340848	3123	4208	108
2	5.3E+09	YES	6000000	1	1392848	593328	97.7	1765.3	0	1863	---	---
2	5.3E+09	YES	6000000	2	1394711	0	97.7	2247.3	201984	2345	4208	141
3	5.3E+09	YES	8000000	1	2040880	441840	99.2	4108.8	353472	4208	4208	105
4	5.3E+09	YES	5000000	1	2970848	572288	58.7	1636.3	0	1695	---	---
4	5.3E+09	YES	5000000	2	2972543	0	58.7	2454.3	223024	2513	4208	136

STATISTICAL PERFORMANCE CHECK - MONITOR RADIO 48 kHz

NORTHWEST EMC

XMit 2015.01.14

Profile Type	USA 'Bin 5'
Profile Freq (Hz)	5.3E+09
ARB Sample Rate (Hz)	1E+08
Pulse Power (dBm)	5

Burst Number	Frequency (Hz)	Burst Seen?	Chirp BW (Hz)	Pulse Number	Start Time (usecs)	Lead Blank Time (usecs)	PW (usecs)	Off Time (usecs)	Trail Blank Time (usecs)	Pulse Active Time (on+off, usecs)	Total Burst Active Time (usecs)	Number Lead Blank Reps
1	5.3E+09	YES	7000000	1	226478	226478	68.7	1817.3	0	1886	---	---
1	5.3E+09	YES	7000000	2	228364	0	68.7	2667.3	568506	2736	4622	49
2	5.3E+09	YES	6000000	1	1395844	596238	89.1	4532.9	198746	4622	4622	129
3	5.3E+09	YES	15000000	1	1959728	360516	75.8	1182.2	0	1258	---	---
3	5.3E+09	YES	15000000	2	1960986	0	75.8	3288.2	434468	3364	4622	78
4	5.3E+09	YES	8000000	1	2948836	550018	98.6	1351.4	0	1450	---	---
4	5.3E+09	YES	8000000	2	2950286	0	98.6	1303.4	0	1402	---	---
4	5.3E+09	YES	8000000	3	2951688	0	98.6	1671.4	244966	1770	4622	119
5	5.3E+09	YES	14000000	1	3785418	586994	75.2	4546.8	207990	4622	4622	127

STATISTICAL PERFORMANCE CHECK - MONITOR RADIO 48 kHz

NORTHWEST EMC

XMit 2015.01.14

Profile Type	USA 'Bin 5'
Profile Freq (Hz)	5.3E+09
ARB Sample Rate (Hz)	1E+08
Pulse Power (dBm)	5

Burst Number	Frequency (Hz)	Burst Seen?	Chirp BW (Hz)	Pulse Number	Start Time (usecs)	Lead Blank Time (usecs)	PW (usecs)	Off Time (usecs)	Trail Blank Time (usecs)	Pulse Active Time (on+off, usecs)	Total Burst Active Time (usecs)	Number Lead Blank Reps
1	5.3E+09	YES	7000000	1	59712	59712	91.5	4884.5	562288	4976	4976	12
2	5.3E+09	YES	17000000	1	686688	59712	62	4914	562288	4976	4976	12
3	5.3E+09	YES	14000000	1	1657008	403056	73.8	4902.2	218944	4976	4976	81
4	5.3E+09	YES	12000000	1	1885904	4976	56	4920	617024	4976	4976	1
5	5.3E+09	YES	7000000	1	3124928	617024	66	1914	0	1980	---	---
5	5.3E+09	YES	7000000	2	3126908	0	66	2930	4976	2996	4976	124
6	5.3E+09	YES	6000000	1	3473248	338368	83.1	4892.9	283632	4976	4976	68
7	5.3E+09	YES	12000000	1	4234576	472720	52.8	1767.2	0	1820	---	---
7	5.3E+09	YES	12000000	2	4236396	0	52.8	3103.2	149280	3156	4976	95
8	5.3E+09	YES	20000000	1	4712272	323440	76.1	1115.9	0	1192	---	---
8	5.3E+09	YES	20000000	2	4713464	0	76.1	3707.9	298560	3784	4976	65
9	5.3E+09	YES	13000000	1	5170064	154256	51.5	1267.5	0	1319	---	---
9	5.3E+09	YES	13000000	2	5171383	0	51.5	1839.5	0	1891	---	---
9	5.3E+09	YES	13000000	3	5173274	0	51.5	1714.5	467744	1766	4976	31

STATISTICAL PERFORMANCE CHECK - MONITOR RADIO 48 kHz

NORTHWEST EMC
XMit 2015.01.14

Profile Type	USA 'Bin 5'
Profile Freq (Hz)	5.3E+09
ARB Sample Rate (Hz)	1E+08
Pulse Power (dBm)	5

Burst Number	Frequency (Hz)	Burst Seen?	Chirp BW (Hz)	Pulse Number	Start Time (usecs)	Lead Blank Time (usecs)	PW (usecs)	Off Time (usecs)	Trail Blank Time (usecs)	Pulse Active Time (on+off, usecs)	Total Burst Active Time (usecs)	Number Lead Blank Reps
1	5.3E+09	YES	11000000	1	919867	919867	67.1	5375.9	70759	5443	5443	169
2	5.3E+09	YES	17000000	1	1219232	223163	67.6	1144.4	0	1212	---	---
2	5.3E+09	YES	17000000	2	1220444	0	67.6	4163.4	767463	4231	5443	41
3	5.3E+09	YES	14000000	1	2846689	854551	62	5381	136075	5443	5443	157
4	5.3E+09	YES	12000000	1	3325673	337466	81.1	1379.9	0	1461	---	---

STATISTICAL PERFORMANCE CHECK - MONITOR RADIO 48 kHz

NORTHWEST EMC

XMit 2015.01.14

Profile Type	USA 'Bin 5'
Profile Freq (Hz)	5.29E+09
ARB Sample Rate (Hz)	1E+08
Pulse Power (dBm)	5

Burst Number	Frequency (Hz)	Burst Seen?	Chirp BW (Hz)	Pulse Number	Start Time (usecs)	Lead Blank Time (usecs)	PW (usecs)	Off Time (usecs)	Trail Blank Time (usecs)	Pulse Active Time (on+off, usecs)	Total Burst Active Time (usecs)	Number Lead Blank Reps
1	5.29E+09	YES	8000000	1	646536	646536	87.4	1198.6	0	1286	---	---
1	5.29E+09	YES	8000000	2	647822	0	87.4	1130.6	0	1218	---	---
1	5.29E+09	YES	8000000	3	649040	0	87.4	2306.6	53878	2394	4898	132
2	5.29E+09	YES	9000000	1	1116744	411432	98.1	1311.9	0	1410	---	---
2	5.29E+09	YES	9000000	2	1118154	0	98.1	3389.9	288982	3488	4898	84
3	5.29E+09	YES	16000000	1	1650626	240002	60.4	948.6	0	1009	---	---
3	5.29E+09	YES	16000000	2	1651635	0	60.4	3828.6	460412	3889	4898	49

STATISTICAL PERFORMANCE CHECK - MONITOR RADIO 48 kHz

NORTHWEST EMC

XMit 2015.01.14

Profile Type	USA 'Bin 5'
Profile Freq (Hz)	5.3E+09
ARB Sample Rate (Hz)	1E+08
Pulse Power (dBm)	5

Burst Number	Frequency (Hz)	Burst Seen?	Chirp BW (Hz)	Pulse Number	Start Time (usecs)	Lead Blank Time (usecs)	PW (usecs)	Off Time (usecs)	Trail Blank Time (usecs)	Pulse Active Time (on+off, usecs)	Total Burst Active Time (usecs)	Number Lead Blank Reps
1	5.3E+09	YES	7000000	1	321360	321360	50.4	1861.6	0	1912	---	---
1	5.3E+09	YES	7000000	2	323272	0	50.4	1669.6	0	1720	---	---
1	5.3E+09	YES	7000000	3	324992	0	50.4	1673.6	594516	1724	5356	60
2	5.3E+09	YES	17000000	1	1301508	380276	75.7	1868.3	0	1944	---	---
2	5.3E+09	YES	17000000	2	1303452	0	75.7	3336.3	535600	3412	5356	71

STATISTICAL PERFORMANCE CHECK - MONITOR RADIO 48 kHz

NORTHWEST EMC

XMit 2015.01.14

Profile Type	USA 'Bin 5'
Profile Freq (Hz)	5.3E+09
ARB Sample Rate (Hz)	1E+08
Pulse Power (dBm)	5

Burst Number	Frequency (Hz)	Burst Seen?	Chirp BW (Hz)	Pulse Number	Start Time (usecs)	Lead Blank Time (usecs)	PW (usecs)	Off Time (usecs)	Trail Blank Time (usecs)	Pulse Active Time (on+off, usecs)	Total Burst Active Time (usecs)	Number Lead Blank Reps
1	5.3E+09	YES	15000000	1	404600	404600	98	1529	0	1627	---	---
1	5.3E+09	YES	15000000	2	406227	0	98	4055	254320	4153	5780	70
2	5.3E+09	YES	16000000	1	1277380	612680	51.5	5728.5	46240	5780	5780	106
3	5.3E+09	YES	17000000	1	1549040	219640	77	981	0	1058	---	---
3	5.3E+09	YES	17000000	2	1550098	0	77	4645	439280	4722	5780	38
4	5.3E+09	YES	11000000	1	2115480	121380	75.4	942.6	0	1018	---	---
4	5.3E+09	YES	11000000	2	2116498	0	75.4	1577.6	0	1653	---	---
4	5.3E+09	YES	11000000	3	2118151	0	75.4	3033.6	537540	3109	5780	21
5	5.3E+09	YES	18000000	1	2774400	115600	61.6	1448.4	0	1510	---	---
5	5.3E+09	YES	18000000	2	2775910	0	61.6	1207.4	0	1269	---	---
5	5.3E+09	YES	18000000	3	2777179	0	61.6	2939.4	543320	3001	5780	20
6	5.3E+09	YES	9000000	1	3375520	52020	84.4	1587.6	0	1672	---	---
6	5.3E+09	YES	9000000	2	3377192	0	84.4	4023.6	606900	4108	5780	9

STATISTICAL PERFORMANCE CHECK - MONITOR RADIO 48 kHz

NORTHWEST EMC

XMit 2015.01.14

Profile Type	USA 'Bin 5'
Profile Freq (Hz)	5.3E+09
ARB Sample Rate (Hz)	1E+08
Pulse Power (dBm)	5

Burst Number	Frequency (Hz)	Burst Seen?	Chirp BW (Hz)	Pulse Number	Start Time (usecs)	Lead Blank Time (usecs)	PW (usecs)	Off Time (usecs)	Trail Blank Time (usecs)	Pulse Active Time (on+off, usecs)	Total Burst Active Time (usecs)	Number Lead Blank Reps
1	5.3E+09	YES	6000000	1	270120	270120	95.6	1224.4	0	1320	---	---
1	5.3E+09	YES	6000000	2	271440	0	95.6	1497.4	0	1593	---	---
1	5.3E+09	YES	6000000	3	273033	0	95.6	1493.4	472710	1589	4502	60
2	5.3E+09	YES	7000000	1	1463150	715818	98.9	1591.1	0	1690	---	---
2	5.3E+09	YES	7000000	2	1464840	0	98.9	1107.1	0	1206	---	---
2	5.3E+09	YES	7000000	3	1466046	0	98.9	1507.1	27012	1606	4502	159
3	5.3E+09	YES	18000000	1	1796298	301634	80.5	4421.5	441196	4502	4502	67
4	5.3E+09	YES	11000000	1	2561638	319642	93.9	1893.1	0	1987	---	---

STATISTICAL PERFORMANCE CHECK - MONITOR RADIO 48 kHz

NORTHWEST EMC

XMit 2015.01.14

Profile Type	USA 'Bin 5'
Profile Freq (Hz)	5.3E+09
ARB Sample Rate (Hz)	1E+08
Pulse Power (dBm)	5

Burst Number	Frequency (Hz)	Burst Seen?	Chirp BW (Hz)	Pulse Number	Start Time (usecs)	Lead Blank Time (usecs)	PW (usecs)	Off Time (usecs)	Trail Blank Time (usecs)	Pulse Active Time (on+off, usecs)	Total Burst Active Time (usecs)	Number Lead Blank Reps
1	5.3E+09	YES	8000000	1	487872	487872	54.5	1539.5	0	1594	---	---
1	5.3E+09	YES	8000000	2	489466	0	54.5	3279.5	103488	3334	4928	99
2	5.3E+09	YES	15000000	1	931392	335104	73.4	945.6	0	1019	---	---
2	5.3E+09	YES	15000000	2	932411	0	73.4	1869.6	0	1943	---	---
2	5.3E+09	YES	15000000	3	934354	0	73.4	1892.6	256256	1966	4928	68
3	5.3E+09	YES	9000000	1	1320704	128128	67.9	980.1	0	1048	---	---
3	5.3E+09	YES	9000000	2	1321752	0	67.9	3812.1	463232	3880	4928	26
4	5.3E+09	YES	20000000	1	1951488	162624	90.8	1140.2	0	1231	---	---
4	5.3E+09	YES	20000000	2	1952719	0	90.8	1841.2	0	1932	---	---
4	5.3E+09	YES	20000000	3	1954651	0	90.8	1674.2	428736	1765	4928	33
5	5.3E+09	YES	17000000	1	2444288	59136	87.9	994.1	0	1082	---	---
5	5.3E+09	YES	17000000	2	2445370	0	87.9	3758.1	532224	3846	4928	12
6	5.3E+09	YES	9000000	1	3015936	34496	97	4831	556864	4928	4928	7
7	5.3E+09	YES	15000000	1	3779776	202048	99.3	4828.7	389312	4928	4928	41
8	5.3E+09	YES	18000000	1	4474624	300608	98.8	4829.2	290752	4928	4928	61

STATISTICAL PERFORMANCE CHECK - MONITOR RADIO 48 kHz

NORTHWEST EMC

XMit 2015.01.14

Profile Type	USA 'Bin 5'
Profile Freq (Hz)	5.3E+09
ARB Sample Rate (Hz)	1E+08
Pulse Power (dBm)	5

Burst Number	Frequency (Hz)	Burst Seen?	Chirp BW (Hz)	Pulse Number	Start Time (usecs)	Lead Blank Time (usecs)	PW (usecs)	Off Time (usecs)	Trail Blank Time (usecs)	Pulse Active Time (on+off, usecs)	Total Burst Active Time (usecs)	Number Lead Blank Reps
1	5.3E+09	YES	17000000	1	249392	249392	64.8	1777.2	0	1842	---	---
1	5.3E+09	YES	17000000	2	251234	0	64.8	963.2	0	1028	---	---
1	5.3E+09	YES	17000000	3	252262	0	64.8	2733.2	1076920	2798	5668	44
2	5.3E+09	YES	9000000	1	1904448	572468	70.9	1754.1	0	1825	---	---
2	5.3E+09	YES	9000000	2	1906273	0	70.9	3772.1	753844	3843	5668	101
3	5.3E+09	YES	18000000	1	3253432	589472	99.1	5568.9	736840	5668	5668	104
4	5.3E+09	YES	9000000	1	4029948	34008	82.4	1104.6	0	1187	---	---
4	5.3E+09	YES	9000000	2	4031135	0	82.4	1232.6	0	1315	---	---
4	5.3E+09	YES	9000000	3	4032450	0	82.4	3083.6	1292304	3166	5668	6
5	5.3E+09	YES	7000000	1	5741684	413764	88.4	1208.6	0	1297	---	---
5	5.3E+09	YES	7000000	2	5742981	0	88.4	4282.6	912548	4371	5668	73

STATISTICAL PERFORMANCE CHECK - MONITOR RADIO 48 kHz

NORTHWEST EMC

XMit 2015.01.14

Profile Type	USA 'Bin 5'
Profile Freq (Hz)	5.3E+09
ARB Sample Rate (Hz)	1E+08
Pulse Power (dBm)	5

Burst Number	Frequency (Hz)	Burst Seen?	Chirp BW (Hz)	Pulse Number	Start Time (usecs)	Lead Blank Time (usecs)	PW (usecs)	Off Time (usecs)	Trail Blank Time (usecs)	Pulse Active Time (on+off, usecs)	Total Burst Active Time (usecs)	Number Lead Blank Reps
1	5.3E+09	YES	17000000	1	1078704	1078704	53	1886	0	1939	---	---
1	5.3E+09	YES	17000000	2	1080643	0	53	2760	247104	2813	4752	227
2	5.3E+09	YES	7000000	1	2052864	722304	94.5	4657.5	603504	4752	4752	152
3	5.3E+09	YES	9000000	1	3906144	1245024	58.9	1727.1	0	1786	---	---
3	5.3E+09	YES	9000000	2	3907930	0	58.9	2907.1	80784	2966	4752	262
4	5.3E+09	YES	7000000	1	5265216	1273536	97.1	1513.9	0	1611	---	---
4	5.3E+09	YES	7000000	2	5266827	0	97.1	3043.9	52272	3141	4752	268
5	5.3E+09	YES	9000000	1	6120576	798336	95.1	4656.9	527472	4752	4752	168
6	5.3E+09	YES	11000000	1	7912080	1259280	89	959	0	1048	---	---
6	5.3E+09	YES	11000000	2	7913128	0	89	1503	0	1592	---	---
6	5.3E+09	YES	11000000	3	7914720	0	89	2023	66528	2112	4752	265
7	5.3E+09	YES	8000000	1	8021376	38016	51.1	4700.9	1287792	4752	4752	8

STATISTICAL PERFORMANCE CHECK - MONITOR RADIO 48 kHz

NORTHWEST EMC

XMit 2015.01.14

Profile Type	USA 'Bin 5'
Profile Freq (Hz)	5.3E+09
ARB Sample Rate (Hz)	1E+08
Pulse Power (dBm)	5

Burst Number	Frequency (Hz)	Burst Seen?	Chirp BW (Hz)	Pulse Number	Start Time (usecs)	Lead Blank Time (usecs)	PW (usecs)	Off Time (usecs)	Trail Blank Time (usecs)	Pulse Active Time (on+off, usecs)	Total Burst Active Time (usecs)	Number Lead Blank Reps
1	5.3E+09	YES	19000000	1	350812	350812	62.4	1348.6	0	1411	---	---
1	5.3E+09	YES	19000000	2	352223	0	62.4	1438.6	0	1501	---	---
1	5.3E+09	YES	19000000	3	353724	0	62.4	2184.6	639716	2247	5159	68
2	5.3E+09	YES	13000000	1	1006005	10318	62	1119	0	1181	---	---
2	5.3E+09	YES	13000000	2	1007186	0	62	3916	980210	3978	5159	2
3	5.3E+09	YES	15000000	1	2703316	711942	67.7	1620.3	0	1688	---	---
3	5.3E+09	YES	15000000	2	2705004	0	67.7	3403.3	278586	3471	5159	138
4	5.3E+09	YES	9000000	1	3193421	206360	72.3	1905.7	0	1978	---	---
4	5.3E+09	YES	9000000	2	3195399	0	72.3	3108.7	784168	3181	5159	40
5	5.3E+09	YES	19000000	1	4653418	670670	86.7	1224.3	0	1311	---	---
5	5.3E+09	YES	19000000	2	4654729	0	86.7	3761.3	319858	3848	5159	130
6	5.3E+09	YES	15000000	1	5246703	268268	75.8	1307.2	0	1383	---	---
6	5.3E+09	YES	15000000	2	5248086	0	75.8	3700.2	722260	3776	5159	52
7	5.3E+09	YES	19000000	1	6515817	541695	52.9	5106.1	448833	5159	5159	105
8	5.3E+09	YES	10000000	1	7815885	846076	71.4	1775.6	0	1847	---	---
8	5.3E+09	YES	10000000	2	7817732	0	71.4	3240.6	144452	3312	5159	164
9	5.3E+09	YES	12000000	1	8909593	944097	78.7	5080.3	46431	5159	5159	183

STATISTICAL PERFORMANCE CHECK - MONITOR RADIO 48 kHz

NORTHWEST EMC

XMit 2015.01.14

Profile Type	USA 'Bin 5'
Profile Freq (Hz)	5.3E+09
ARB Sample Rate (Hz)	1E+08
Pulse Power (dBm)	5

Burst Number	Frequency (Hz)	Burst Seen?	Chirp BW (Hz)	Pulse Number	Start Time (usecs)	Lead Blank Time (usecs)	PW (usecs)	Off Time (usecs)	Trail Blank Time (usecs)	Pulse Active Time (on+off, usecs)	Total Burst Active Time (usecs)	Number Lead Blank Reps
1	5.3E+09	YES	17000000	1	330792	330792	81.9	4930.1	365876	5012	5012	66
2	5.3E+09	YES	16000000	1	862064	160384	89.3	4922.7	536284	5012	5012	32
3	5.3E+09	YES	8000000	1	1884512	481152	94.9	955.1	0	1050	---	---
3	5.3E+09	YES	8000000	2	1885562	0	94.9	3867.1	215516	3962	5012	96
4	5.3E+09	YES	5000000	1	2130100	25060	98.6	4913.4	671608	5012	5012	5
5	5.3E+09	YES	5000000	1	3012212	205492	51.6	1670.4	0	1722	---	---
5	5.3E+09	YES	5000000	2	3013934	0	51.6	3238.4	491176	3290	5012	41
6	5.3E+09	YES	15000000	1	3658760	150360	72.5	4939.5	546308	5012	5012	30
7	5.3E+09	YES	5000000	1	4275236	65156	58.4	4953.6	631512	5012	5012	13
8	5.3E+09	YES	5000000	1	5032048	120288	87.3	1035.7	0	1123	---	---
8	5.3E+09	YES	5000000	2	5033171	0	87.3	1244.7	0	1332	---	---
8	5.3E+09	YES	5000000	3	5034503	0	87.3	2469.7	576380	2557	5012	24
9	5.3E+09	YES	17000000	1	5678596	65156	81.1	1775.9	0	1857	---	---

STATISTICAL PERFORMANCE CHECK - MONITOR RADIO 48 kHz

NORTHWEST EMC

XMit 2015.01.14

Profile Type	USA 'Bin 5'
Profile Freq (Hz)	5.3E+09
ARB Sample Rate (Hz)	1E+08
Pulse Power (dBm)	5

Burst Number	Frequency (Hz)	Burst Seen?	Chirp BW (Hz)	Pulse Number	Start Time (usecs)	Lead Blank Time (usecs)	PW (usecs)	Off Time (usecs)	Trail Blank Time (usecs)	Pulse Active Time (on+off, usecs)	Total Burst Active Time (usecs)	Number Lead Blank Reps
1	5.3E+09	YES	11000000	1	569750	569750	58.7	1335.3	0	1394	---	---
1	5.3E+09	YES	11000000	2	571144	0	58.7	3922.3	172000	3981	5375	106
2	5.3E+09	YES	7000000	1	1155625	408500	91.6	1562.4	0	1654	---	---
2	5.3E+09	YES	7000000	2	1157279	0	91.6	3629.4	333250	3721	5375	76
3	5.3E+09	YES	9000000	1	2176875	682625	63.7	1396.3	0	1460	---	---
3	5.3E+09	YES	9000000	2	2178335	0	63.7	3851.3	59125	3915	5375	127
4	5.3E+09	YES	16000000	1	2268250	26875	77.6	1722.4	0	1800	---	---
4	5.3E+09	YES	16000000	2	2270050	0	77.6	1577.4	0	1655	---	---
4	5.3E+09	YES	16000000	3	2271705	0	77.6	1842.4	714875	1920	5375	5
5	5.3E+09	YES	11000000	1	3047625	59125	84.6	1602.4	0	1687	---	---

STATISTICAL PERFORMANCE CHECK - MONITOR RADIO 48 kHz

NORTHWEST EMC

XMit 2015.01.14

Profile Type	USA 'Bin 5'
Profile Freq (Hz)	5.3E+09
ARB Sample Rate (Hz)	1E+08
Pulse Power (dBm)	5

Burst Number	Frequency (Hz)	Burst Seen?	Chirp BW (Hz)	Pulse Number	Start Time (usecs)	Lead Blank Time (usecs)	PW (usecs)	Off Time (usecs)	Trail Blank Time (usecs)	Pulse Active Time (on+off, usecs)	Total Burst Active Time (usecs)	Number Lead Blank Reps
1	5.3E+09	YES	9000000	1	699300	699300	50.7	1080.3	0	1131	---	---
1	5.3E+09	YES	9000000	2	700431	0	50.7	3480.3	41958	3531	4662	150
2	5.3E+09	YES	8000000	1	1314684	568764	80.6	1127.4	0	1208	---	---
2	5.3E+09	YES	8000000	2	1315892	0	80.6	971.4	0	1052	---	---
2	5.3E+09	YES	8000000	3	1316944	0	80.6	2321.4	172494	2402	4662	122
3	5.3E+09	YES	6000000	1	1501164	9324	99.7	1746.3	0	1846	---	---
3	5.3E+09	YES	6000000	2	1503010	0	99.7	2716.3	731934	2816	4662	2
4	5.3E+09	YES	7000000	1	2923074	685314	54.6	4607.4	55944	4662	4662	147
5	5.3E+09	YES	7000000	1	3025638	41958	76.3	4585.7	699300	4662	4662	9
6	5.3E+09	YES	11000000	1	3841488	111888	58.9	4603.1	629370	4662	4662	24
7	5.3E+09	YES	14000000	1	4787874	312354	54.1	1803.9	0	1858	---	---
7	5.3E+09	YES	14000000	2	4789732	0	54.1	2749.9	428904	2804	4662	67
8	5.3E+09	YES	13000000	1	5547780	326340	57.2	1819.8	0	1877	---	---
8	5.3E+09	YES	13000000	2	5549657	0	57.2	2727.8	414918	2785	4662	70
9	5.3E+09	YES	15000000	1	6601392	634032	63.3	1550.7	0	1614	---	---
9	5.3E+09	YES	15000000	2	6603006	0	63.3	2984.7	107226	3048	4662	136

STATISTICAL PERFORMANCE CHECK - MONITOR RADIO 48 kHz

NORTHWEST EMC

XMit 2015.01.14

FCC-Type 6, Trial 1 of 3
All Frequencies in MHz

Trial #1	Trial #2	Trial #3	Trial #4	Trial #5	Trial #6	Trial #7	Trial #8	Trial #9	Trial #10	Trial #11	Trial #12	Trial #13
PASS	PASS	PASS	PASS	PASS	PASS	PASS	PASS	PASS	PASS	PASS	PASS	PASS
5706	5550	5323	5491	5628	5657	5620	5612	5522	5303	5610	5556	5669
5531	5621	5284	5524	5618	5617	5269	5315	5295	5285	5522	5632	5279
5544	5686	5535	5587	5519	5284	5493	5529	5646	5298	5329	5586	5511
5598	5619	5310	5273	5683	5625	5279	5570	5679	5267	5608	5518	5575
5504	5696	5658	5303	5524	5309	5682	5682	5513	5675	5687	5572	5704
5321	5656	5616	5709	5262	5500	5292	5578	5279	5647	5688	5275	5664
5264	5681	5647	5561	5547	5298	5283	5644	5698	5567	5675	5629	5648
5520	5504	5268	5327	5701	5526	5673	5590	5641	5694	5668	5258	5559
5570	5680	5701	5618	5497	5555	5266	5267	5504	5698	5593	5532	5596
5516	5319	5627	5562	5514	5607	5495	5666	5629	5526	5537	5252	5699
5506	5675	5663	5652	5659	5328	5297	5636	5597	5307	5547	5284	5649
5524	5689	5554	5655	5278	5672	5610	5560	5519	5684	5620	5320	5296
5255	5507	5710	5529	5641	5256	5511	5683	5564	5604	5583	5694	5303
5709	5580	5638	5320	5271	5279	5566	5708	5285	5274	5269	5582	5324
5303	5596	5493	5706	5677	5663	5659	5608	5644	5689	5322	5624	5702
5628	5571	5288	5694	5301	5516	5551	5691	5624	5533	5648	5502	5586
5500	5574	5598	5707	5258	5262	5518	5630	5529	5322	5664	5494	5327
5261	5601	5604	5661	5302	5290	5275	5677	5501	5316	5612	5525	5292
5523	5664	5329	5576	5295	5305	5530	5679	5502	5275	5577	5561	5527
5536	5618	5289	5505	5647	5270	5657	5497	5298	5284	5299	5659	5700
5553	5560	5510	5508	5593	5579	5509	5617	5491	5269	5638	5662	5593
5599	5297	5585	5687	5696	5490	5515	5640	5305	5644	5289	5282	5285
5568	5555	5302	5548	5582	5274	5684	5493	5671	5601	5565	5321	5698
5511	5671	5260	5580	5658	5282	5668	5329	5276	5547	5571	5311	5291
5541	5672	5568	5705	5687	5304	5322	5292	5618	5535	5503	5697	5278
5592	5323	5623	5600	5326	5708	5505	5571	5692	5639	5622	5663	5277
5519	5551	5675	5271	5662	5317	5506	5574	5314	5562	5324	5274	5497
5606	5500	5553	5610	5256	5321	5568	5583	5316	5652	5680	5611	5558
5307	5330	5273	5632	5285	5520	5536	5260	5613	5574	5699	5279	5582
5508	5548	5514	5543	5633	5260	5707	5654	5663	5280	5613	5317	5504
5258	5490	5581	5633	5568	5514	5491	5602	5291	5659	5254	5599	5513
5647	5604	5573	5626	5657	5506	5499	5638	5545	5634	5578	5671	5560
5539	5653	5285	5322	5681	5507	5639	5532	5669	5651	5526	5509	5611
5700	5519	5312	5253	5273	5674	5605	5621	5675	5710	5303	5585	5499
5637	5565	5313	5688	5289	5512	5632	5575	5687	5560	5703	5541	5562
5515	5588	5699	5279	5605	5578	5527	5707	5312	5653	5251	5604	5541
5545	5328	5276	5514	5672	5501	5502	5510	5546	5563	5683	5540	5680
5616	5509	5619	5595	5697	5686	5531	5255	5293	5583	5258	5667	5627
5291	5306	5278	5578	5566	5287	5302	5516	5619	5537	5637	5263	5570
5572	5693	5561	5613	5283	5540	5600	5527	5286	5263	5272	5308	5671
5265	5561	5579	5704	5578	5677	5671	5307	5510	5330	5557	5605	5508
5655	5318	5509	5657	5316	5589	5521	5600	5638	5630	5685	5546	5553
5595	5278	5650	5506	5517	5597	5265	5670	5690	5580	5297	5559	5299
5564	5650	5575	5560	5676	5552	5616	5694	5551	5276	5504	5628	5274
5659	5321	5588	5593	5299	5547	5304	5584	5607	5510	5661	5675	5532
5263	5286	5678	5599	5266	5585	5590	5667	5324	5613	5291	5606	5520
5522	5682	5531	5290	5549	5502	5697	5303	5253	5632	5515	5539	5281
5645	5541	5490	5660	5311	5254	5492	5581	5626	5273	5702	5577	5543
5670	5305	5636	5700	5621	5276	5649	5268	5605	5313	5625	5253	5709
5550	5283	5702	5656	5314	5662	5602	5296	5556	5641	5677	5587	5250
5533	5663	5571	5649	5576	5327	5676	5695	5598	5596	5516	5307	5538
5640	5284	5671	5263	5493	5494	5709	5676	5296	5319	5261	5537	5265
5641	5503	5576	5310	5251	5697	5560	5556	5306	5619	5667	5514	5591
5589	5272	5283	5667	5507	5571	5498	5548	5521	5538	5596	5596	5678
5512	5661	5578	5680	5577	5684	5621	5499	5271	5325		5709	5514
5701	5610	5635	5259	5259	5568	5591		5689	5549		5693	5318
5644	5312	5536	5530	5642		5585		5694	5265		5584	5286
5274	5643		5686	5586		5532		5493	5512		5683	5320
5518			5507	5613		5635			5708		5620	5673
5281			5607	5505		5522			5674		5700	5684
5614			5623	5503		5524			5627		5523	5491
5535			5501			5703			5491		5625	5266
5569			5267			5534					5516	5271
5648											5310	5280
5600												5571

STATISTICAL PERFORMANCE CHECK - MONITOR RADIO 48 kHz

NORTHWEST EMC

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FCC-Type 6, Trial 2 of 3
All Frequencies in MHz

Trial #14	Trial #15	Trial #16	Trial #17	Trial #18	Trial #19	Trial #20	Trial #21	Trial #22	Trial #23	Trial #24	Trial #25	Trial #26
PASS	PASS	PASS	PASS	PASS	PASS	PASS	PASS	PASS	PASS	PASS	PASS	PASS
5622	5323	5276	5554	5648	5613	5672	5303	5261	5320	5575	5325	5303
5674	5303	5685	5492	5654	5553	5594	5496	5606	5696	5581	5560	5682
5526	5646	5509	5698	5688	5659	5654	5589	5574	5649	5606	5550	5673
5529	5587	5546	5264	5701	5638	5677	5289	5540	5555	5640	5538	5588
5628	5624	5591	5595	5623	5299	5534	5574	5306	5641	5593	5496	5558
5496	5506	5545	5579	5539	5309	5289	5305	5298	5329	5537	5707	5698
5562	5618	5628	5669	5286	5680	5541	5654	5509	5558	5275	5565	5559
5687	5598	5524	5708	5550	5514	5493	5596	5690	5703	5289	5514	5253
5321	5279	5540	5305	5255	5303	5667	5606	5264	5530	5325	5650	5279
5651	5512	5691	5273	5500	5324	5265	5591	5608	5299	5259	5686	5618
5510	5330	5644	5591	5316	5597	5508	5521	5317	5651	5531	5658	5687
5288	5511	5666	5284	5700	5640	5581	5324	5251	5277	5520	5305	5703
5625	5515	5496	5624	5657	5320	5277	5262	5699	5265	5516	5588	5595
5611	5577	5574	5561	5295	5528	5314	5680	5688	5621	5498	5708	5525
5652	5317	5296	5642	5647	5569	5547	5261	5273	5523	5494	5546	5538
5647	5613	5256	5647	5686	5649	5542	5608	5617	5315	5558	5297	5571
5500	5589	5263	5263	5616	5282	5523	5689	5644	5580	5607	5495	5590
5576	5327	5533	5572	5608	5574	5583	5327	5294	5305	5614	5563	5586
5507	5292	5646	5319	5308	5295	5707	5610	5652	5629	5675	5597	5543
5542	5276	5307	5547	5610	5524	5655	5602	5706	5674	5539	5634	5615
5545	5576	5642	5533	5703	5321	5514	5514	5500	5708	5664	5498	5546
5617	5319	5668	5567	5572	5684	5316	5638	5266	5601	5544	5664	5624
5656	5698	5661	5260	5301	5297	5634	5526	5311	5656	5613	5311	5686
5676	5644	5295	5580	5627	5687	5511	5323	5704	5590	5316	5699	5632
5697	5608	5643	5271	5585	5682	5556	5311	5545	5687	5517	5530	5594
5681	5665	5327	5640	5590	5617	5660	5254	5309	5683	5647	5554	5533
5572	5609	5581	5688	5554	5585	5561	5505	5631	5319	5506	5306	5635
5284	5663	5654	5671	5492	5641	5513	5583	5595	5272	5301	5587	5281
5560	5661	5260	5496	5551	5580	5568	5644	5618	5605	5510	5326	5613
5320	5635	5706	5512	5695	5683	5499	5290	5265	5597	5702	5503	5609
5592	5272	5268	5613	5617	5676	5298	5330	5636	5534	5612	5523	5648
5650	5672	5542	5583	5505	5318	5582	5677	5491	5520	5497	5688	5299
5266	5704	5583	5690	5624	5262	5592	5328	5686	5677	5678	5300	5330
5328	5542	5562	5589	5683	5279	5574	5666	5657	5551	5616	5262	5665
5327	5264	5261	5705	5699	5621	5284	5490	5272	5588	5617	5283	5316
5537	5607	5286	5586	5517	5543	5607	5678	5286	5517	5603	5579	5675
5322	5259	5539	5490	5540	5599	5653	5578	5614	5587	5518	5301	5554
5308	5525	5708	5550	5276	5648	5580	5710	5562	5620	5610	5534	5548
5635	5584	5704	5251	5263	5652	5691	5256	5326	5568	5532	5612	5295
5558	5551	5505	5323	5529	5550	5671	5513	5506	5541	5693	5659	5576
5305	5517	5559	5635	5707	5257	5325	5609	5593	5685	5308	5292	5584
5663	5492	5328	5275	5493	5666	5505	5557	5546	5664	5588	5274	5607
5292	5564	5611	5513	5650	5269	5616	5534	5674	5675	5644	5288	5307
5677	5505	5259	5608	5278	5308	5291	5295	5328	5617	5264	5551	5530
5520	5256	5582	5592	5684	5539	5512	5706	5260	5628	5296	5698	5695
5550	5521	5596	5276	5698	5278	5603	5634	5663	5660	5553	5531	5666
5606	5294	5535	5517	5689	5265	5287	5611	5552	5519	5284	5321	5560
5534	5552	5597	5626	5604	5301	5560	5631	5683	5327	5658	5265	5598
5300	5270	5527	5678	5670	5288	5324	5701	5525	5264	5541	5310	5623
5260	5631	5262	5298	5581	5313	5308	5645	5639	5589	5580	5674	5305
5644	5503	5294	5310	5677	5281	5266	5271	5275	5692	5663	5616	5552
5546	5671	5523	5321	5642	5566	5620	5639	5541	5682	5651	5275	5317
5587	5706	5602	5527	5260	5541	5596	5581	5255	5258	5622	5602	5591
5269	5595	5675	5507	5538	5651	5491	5507	5564	5665	5568	5638	5660
5564	5638	5492	5600	5615	5669	5255	5274	5274	5515	5618	5527	5497
5584	5681	5314	5667	5259	5490	5264	5570	5575	5630	5495	5619	5646
5259	5676	5317	5625	5635	5587	5315	5543	5526	5574	5690	5513	5313
5616	5648	5599	5491	5660	5591	5549	5281	5660	5290	5298	5268	5710
5294	5297	5629	5621	5594	5696	5543	5624	5499	5585	5680	5532	5545
5539	5705	5664	5259	5508	5545	5320	5555	5680	5280	5515	5627	5663
5581	5674	5283	5703	5530	5280	5684	5684	5503	5292	5634	5558	5500
5583	5278	5326	5623	5262	5559	5704	5658	5587	5317	5322	5670	5704

STATISTICAL PERFORMANCE CHECK - MONITOR RADIO 48 kHz

NORTHWEST EMC

XMit 2015.01.14

FCC-Type 6, Trial 3 of 3
All Frequencies in MHz

Trial #27	Trial #28	Trial #29	Trial #30
PASS	PASS	PASS	PASS
5635	5704	5553	5701
5272	5518	5696	5495
5576	5615	5668	5261
5708	5254	5271	5324
5282	5677	5509	5323
5614	5252	5259	5550
5267	5657	5618	5692
5535	5275	5709	5506
5642	5511	5535	5591
5585	5703	5517	5516
5503	5257	5557	5277
5680	5610	5671	5502
5507	5590	5527	5309
5611	5557	5581	5287
5593	5329	5595	5702
5603	5639	5654	5260
5308	5628	5661	5543
5695	5645	5328	5285
5499	5528	5689	5493
5709	5512	5567	5583
5601	5258	5611	5660
5577	5551	5669	5705
5587	5708	5311	5255
5285	5271	5258	5709
5657	5539	5625	5592
5578	5500	5276	5669
5524	5563	5702	5321
5597	5307	5592	5631
5588	5688	5289	5299
5514	5669	5299	5635
5600	5509	5539	5589
5321	5318	5680	5556
5675	5292	5552	5501
5559	5587	5649	5514
5289	5537	5664	5653
5494	5678	5692	5671
5299	5574	5503	5584
5322	5664	5703	5533
5574	5522	5505	5330
5602	5534	5706	5316
5552	5595	5580	5633
5572	5636	5496	5517
5546	5591	5576	5518
5566	5660	5542	5311
5545	5324	5606	5490
5261	5541	5700	5683
5560	5289	5647	5703
5563	5494	5690	5565
5621	5606	5551	5317
5327	5253	5251	5553
5271	5642	5302	5552
5570	5643	5609	5289
5617	5699	5648	5600
5609	5658	5650	5503
5251	5674	5548	5554
5511	5305	5322	5676
5256	5328	5627	5273
5270	5653	5260	5292
5527	5567	5685	5253
5306	5317		5545
5528	5311		5544
5315	5685		5572
5651	5556		5608
5573	5520		5306

STATISTICAL PERFORMANCE CHECK - MONITOR RADIO 96 kHz

XMit 2015.01.14

Testing was performed using the mode(s) of operation and configuration(s) noted within the report. The individuals and/or the organization requesting the test provided the modes, configurations and settings used to complete the evaluation. The actual test parameters are specified in the test data, this includes items such as investigated frequency range (scanned) and test levels. The testing methods and performance specifications, as well as the test site used for the evaluation are indicated in the test data.

TEST EQUIPMENT

Description	Manufacturer	Model	ID	Last Cal.	Interval (mo)
Analyzer - Spectrum Analyzer	Keysight	N9010A	AFP	2/13/2016	12
Block - DC	Fairview Microwave	SD3379	AMQ	6/18/2015	12
Attenuator	S.M. Electronics	SA26B-6	AUX	7/15/2015	12
Attenuator	Fairview Microwave	SA26B-10	TWH	5/12/2015	12
Power Divider/Combiner	Fairview Microwave	MP0208-2	IAJ	NCR	0
Power Divider/Combiner	Fairview Microwave	MP0208-2	IAI	NCR	0
Attenuator	Mini Circuits	BW-S10W2	RKI	NCR	0
Attenuator	Fairview Microwave	SA26B-06	TWF	5/12/2015	12
Attenuator	Aeroflex/Weinschel	3053	RKG	NCR	0
Attenuator	Aeroflex/Weinschel	3053	RKF	NCR	0
Directional Coupler	Fairview Microwave	MC2047-10	RGT	NCR	0
Attenuator	Weinschel Corp	3330A-6	AUF	12/23/2015	12
Meter - Power	Gigatronics	8651A	SPM	5/25/2015	12
Power Sensor	Gigatronics	80701A	SPL	5/25/2015	12
Attenuator	S.M. Electronics	SA18N-06/SM4032	REE	10/1/2015	12
Generator - Signal	Keysight	N5182B	TFU	NCR	0
Cable	ESM Cable Corp.	TT	EV1	NCR	0
Generator - Signal	Agilent	V2920A	TIH	NCR	0
Generator - Signal	Benchforge Manufacturing	Colt	TIN	NCR	0

TEST DESCRIPTION

The master and client were connected using the conducted method described in the FCC KDB procedure via a series of splitters and attenuators which allows the radar signals to be injected and monitored. For master devices, the detection level was set prior to testing by temporarily replacing the master device with the analyzer and setting the power level according to Table 3 and Section 7.5. Where required, an approved Media file was streamed between the master and client or an alternative method to load the channel may be used instead. Channel loading requirements were also verified prior to testing. Configuration and status of the master and client devices were then monitored with the spectrum analyzer. Essentially, a move time test is performed on all the necessary radar types to make sure the master and client vacate the channel when a radar signal is injected. Numerous trials are performed for each radar type to establish a statistical analysis of detection probability, and the guidelines of section 7.8.4 of the procedure were used to calculate the data and determine if the results passed.

STATISTICAL PERFORMANCE CHECK - MONITOR RADIO 96 kHz

NORTHWEST EMC

XMit 2015.01.14

EUT:	Sherwood XC			**Work Order:**	FOCU0212
Serial Number:	02EA3F000C28			**Date:**	04/28/16
Customer:	Summit Semiconductor LLC			**Temperature:**	22.8°C
Attendees:	David Schilling			**Humidity:**	46%
Project:	None			**Barometric Pres.:**	1010.7
Tested by:	Brandon Hobbs	**Power:**	1.2VDC/3.3VDC via 110VAC/60Hz	**Job Site:**	EV06

TEST SPECIFICATIONS	Test Method
FCC 15.407:2016	ANSI C63.10:2013

COMMENTS

The product was operating in isoc mode.

DEVIATIONS FROM TEST STANDARD

None

Configuration #	1	Signature

						Value	Limit	Result
Monitor Radio								
	96 kHz Sampling Frequency							
		5300 MHz						
		Radar Type 0					100.0%	60.0%	PASS
		Radar Type 1A					100.0%	60.0%	PASS
		Radar Type 1B					100.0%	60.0%	PASS
		Radar Type 2					96.7%	60.0%	PASS
		Radar Type 3					100.0%	60.0%	PASS
		Radar Type 4					100.0%	60.0%	PASS
		Radar Type 1-4 Summary	100.0%	96.7%	100.0%	100.0%	99.2%	80.0%	PASS
		Radar Type 5					100.0%	80.0%	PASS
		Radar Type 6					100.0%	70.0%	PASS

STATISTICAL PERFORMANCE CHECK - MONITOR RADIO 96 kHz

NORTHWEST EMC

XMit 2015.01.14

Monitor Radio, 96 kHz Sampling Frequency, 5300 MHz, Radar Type 0						
				Value	**Limit**	**Result**
				100.0%	60.0%	PASS

Trial #	Detected
1	PASS
2	PASS
3	PASS
4	PASS
5	PASS
6	PASS
7	PASS
8	PASS
9	PASS
10	PASS
11	PASS
12	PASS
13	PASS
14	PASS
15	PASS
16	PASS
17	PASS
18	PASS
19	PASS
20	PASS
21	PASS
22	PASS
23	PASS
24	PASS
25	PASS
26	PASS
27	PASS
28	PASS
29	PASS
30	PASS

Monitor Radio, 96 kHz Sampling Frequency, 5300 MHz, Radar Type 1A						
				Value	**Limit**	**Result**
				100.0%	60.0%	PASS

Trial #	Detected
1	PASS
2	PASS
3	PASS
4	PASS
5	PASS
6	PASS
7	PASS
8	PASS
9	PASS
10	PASS
11	PASS
12	PASS
13	PASS
14	PASS
15	PASS

STATISTICAL PERFORMANCE CHECK - MONITOR RADIO 96 kHz

NORTHWEST EMC

XMit 2015.01.14

Monitor Radio, 96 kHz Sampling Frequency, 5300 MHz, Radar Type 1B

				Value	Limit	Result
				100.0%	60.0%	PASS

Trial #	Detected
1	PASS
2	PASS
3	PASS
4	PASS
5	PASS
6	PASS
7	PASS
8	PASS
9	PASS
10	PASS
11	PASS
12	PASS
13	PASS
14	PASS
15	PASS

Monitor Radio, 96 kHz Sampling Frequency, 5300 MHz, Radar Type 2

				Value	Limit	Result
				96.7%	60.0%	PASS

Trial #	Detected	No. of Pulses Per Burst	Pulse Width (us)	PRI (us)
1	PASS	28	2.000 us	192.000 us
2	PASS	23	2.400 us	182.000 us
3	PASS	29	5.000 us	166.000 us
4	PASS	24	2.700 us	176.000 us
5	PASS	27	1.300 us	205.000 us
6	PASS	29	2.700 us	177.000 us
7	PASS	25	4.300 us	161.000 us
8	PASS	29	3.300 us	180.000 us
9	PASS	25	4.400 us	160.000 us
10	PASS	29	4.700 us	162.000 us
11	PASS	25	1.800 us	210.000 us
12	PASS	26	4.100 us	168.000 us
13	PASS	24	4.600 us	202.000 us
14	PASS	23	3.000 us	150.000 us
15	PASS	27	3.600 us	215.000 us
16	PASS	26	1.000 us	189.000 us
17	PASS	28	4.800 us	169.000 us
18	PASS	23	4.800 us	206.000 us
19	PASS	25	2.600 us	226.000 us
20	PASS	23	3.300 us	199.000 us
21	PASS	23	4.600 us	182.000 us
22	FAIL	28	3.700 us	151.000 us
23	PASS	23	1.500 us	221.000 us
24	PASS	25	2.700 us	205.000 us
25	PASS	29	3.700 us	156.000 us
26	PASS	24	3.800 us	152.000 us
27	PASS	25	2.700 us	204.000 us
28	PASS	25	2.200 us	156.000 us
29	PASS	28	2.400 us	169.000 us
30	PASS	23	4.500 us	201.000 us

STATISTICAL PERFORMANCE CHECK - MONITOR RADIO 96 kHz

NORTHWEST EMC

XMit 2015.01.14

Monitor Radio, 96 kHz Sampling Frequency, 5300 MHz, Radar Type 3						
				Value	**Limit**	**Result**
				100.0%	60.0%	PASS

Trial #	Detected	No. of Pulses Per Burst	Pulse Width (us)	PRI (us)
1	PASS	18	7.700 us	458.000 us
2	PASS	16	7.300 us	379.000 us
3	PASS	16	8.600 us	490.000 us
4	PASS	17	6.800 us	487.000 us
5	PASS	16	6.000 us	308.000 us
6	PASS	16	7.300 us	352.000 us
7	PASS	16	7.300 us	417.000 us
8	PASS	17	7.700 us	295.000 us
9	PASS	18	9.300 us	348.000 us
10	PASS	17	10.000 us	206.000 us
11	PASS	16	8.100 us	475.000 us
12	PASS	16	7.800 us	317.000 us
13	PASS	18	7.100 us	216.000 us
14	PASS	18	7.700 us	356.000 us
15	PASS	17	7.500 us	432.000 us
16	PASS	18	6.900 us	477.000 us
17	PASS	18	8.000 us	331.000 us
18	PASS	17	8.600 us	305.000 us
19	PASS	17	8.000 us	300.000 us
20	PASS	17	6.100 us	476.000 us
21	PASS	16	6.600 us	266.000 us
22	PASS	17	6.400 us	407.000 us
23	PASS	16	9.600 us	339.000 us
24	PASS	18	9.700 us	445.000 us
25	PASS	18	8.000 us	243.000 us
26	PASS	18	8.700 us	259.000 us
27	PASS	16	9.000 us	371.000 us
28	PASS	18	9.300 us	467.000 us
29	PASS	16	7.900 us	494.000 us
30	PASS	18	7.100 us	417.000 us

Monitor Radio, 96 kHz Sampling Frequency, 5300 MHz, Radar Type 4						
				Value	**Limit**	**Result**
				100.0%	60.0%	PASS

Trial #	Detected	No. of Pulses Per Burst	Pulse Width (us)	PRI (us)
1	PASS	14	11.200 us	285.000 us
2	PASS	16	19.300 us	392.000 us
3	PASS	16	13.800 us	399.000 us
4	PASS	13	17.400 us	203.000 us
5	PASS	12	18.200 us	324.000 us
6	PASS	14	13.800 us	473.000 us
7	PASS	13	12.400 us	274.000 us
8	PASS	12	18.800 us	390.000 us
9	PASS	16	18.900 us	369.000 us
10	PASS	14	19.900 us	463.000 us
11	PASS	14	11.100 us	275.000 us
12	PASS	12	13.500 us	438.000 us
13	PASS	15	13.500 us	211.000 us
14	PASS	13	14.100 us	245.000 us
15	PASS	12	19.700 us	252.000 us
16	PASS	16	16.900 us	289.000 us
17	PASS	13	16.100 us	368.000 us
18	PASS	16	12.500 us	340.000 us
19	PASS	13	12.600 us	491.000 us
20	PASS	15	13.700 us	477.000 us
21	PASS	13	15.000 us	296.000 us
22	PASS	16	18.200 us	291.000 us
23	PASS	15	16.700 us	422.000 us
24	PASS	16	13.000 us	264.000 us
25	PASS	12	13.300 us	236.000 us
26	PASS	14	17.900 us	262.000 us
27	PASS	16	14.500 us	244.000 us
28	PASS	15	15.800 us	362.000 us
29	PASS	13	12.400 us	428.000 us
30	PASS	12	15.200 us	380.000 us

STATISTICAL PERFORMANCE CHECK - MONITOR RADIO 96 kHz

NORTHWEST EMC

XMit 2015.01.14

Monitor Radio, 96 kHz Sampling Frequency, 5300 MHz, Radar Type 1-4 Summary						
				Value	**Limit**	**Result**
100%	97%	100%	100%	99.2%	80%	PASS

Monitor Radio, 96 kHz Sampling Frequency, 5300 MHz, Radar Type 5						
				Value	**Limit**	**Result**
				100.0%	80.0%	PASS

Trial #	Detected
1	PASS
2	PASS
3	PASS
4	PASS
5	PASS
6	PASS
7	PASS
8	PASS
9	PASS
10	PASS
11	PASS
12	PASS
13	PASS
14	PASS
15	PASS
16	PASS
17	PASS
18	PASS
19	PASS
20	PASS
21	PASS
22	PASS
23	PASS
24	PASS
25	PASS
26	PASS
27	PASS
28	PASS
29	PASS
30	PASS

STATISTICAL PERFORMANCE CHECK - MONITOR RADIO 96 kHz

NORTHWEST EMC

XMit 2015.01.14

Monitor Radio, 96 kHz Sampling Frequency, 5300 MHz, Radar Type 6						
				Value	**Limit**	**Result**
				100.0%	70.0%	PASS

Trial #	Detected
1	PASS
2	PASS
3	PASS
4	PASS
5	PASS
6	PASS
7	PASS
8	PASS
9	PASS
10	PASS
11	PASS
12	PASS
13	PASS
14	PASS
15	PASS
16	PASS
17	PASS
18	PASS
19	PASS
20	PASS
21	PASS
22	PASS
23	PASS
24	PASS
25	PASS
26	PASS
27	PASS
28	PASS
29	PASS
30	PASS

STATISTICAL PERFORMANCE CHECK - MONITOR RADIO 96 kHz

NORTHWEST EMC

XMit 2015.01.14

Profile Type	USA 'Bin 5'
Profile Freq (Hz)	5.3E+09
ARB Sample Rate (Hz)	1E+08
Pulse Power (dBm)	5

Burst Number	Frequency (Hz)	Brust Seen?	Chirp BW (Hz)	Pulse Number	Start Time (usecs)	Lead Blank Time (usecs)	PW (usecs)	Off Time (usecs)	Trail Blank Time (usecs)	Pulse Active Time (on+off, usecs)	Total Burst Active Time (usecs)	Number Lead Blank Reps
1	5.3E+09	YES	1E+07	1	173310	173310	55.5	1439.5	0	1495	---	---
1	5.3E+09	YES	1E+07	2	174805	0	55.5	1605.5	0	1661	---	---
1	5.3E+09	YES	1E+07	3	176466	0	55.5	2565.5	525707	2621	5777	30
2	5.3E+09	YES	1E+07	1	1328710	623916	77.4	1139.6	0	1217	---	---
2	5.3E+09	YES	1E+07	2	1329927	0	77.4	983.6	0	1061	---	---
2	5.3E+09	YES	1E+07	3	1330988	0	77.4	3421.6	75101	3499	5777	108
3	5.3E+09	YES	2E+07	1	1450027	40439	71.2	1901.8	0	1973	---	---
3	5.3E+09	YES	2E+07	2	1452000	0	71.2	3732.8	658578	3804	5777	7
4	5.3E+09	YES	2E+07	1	2796068	681686	52.2	1038.8	0	1091	---	---
4	5.3E+09	YES	2E+07	2	2797159	0	52.2	1205.8	0	1258	---	---
4	5.3E+09	YES	2E+07	3	2798417	0	52.2	3375.8	17331	3428	5777	118
5	5.3E+09	YES	2E+07	1	2842284	23108	99.4	969.6	0	1069	---	---

STATISTICAL PERFORMANCE CHECK - MONITOR RADIO 96 kHz

NORTHWEST EMC

XMit 2015.01.14

Profile Type	USA 'Bin 5'
Profile Freq (Hz)	5.3E+09
ARB Sample Rate (Hz)	1E+08
Pulse Power (dBm)	5

Burst Number	Frequency (Hz)	Brust Seen?	Chirp BW (Hz)	Pulse Number	Start Time (usecs)	Lead Blank Time (usecs)	PW (usecs)	Off Time (usecs)	Trail Blank Time (usecs)	Pulse Active Time (on+off, usecs)	Total Burst Active Time (usecs)	Number Lead Blank Reps
1	5.3E+09	YES	9E+06	1	390720	390720	59.7	1258.3	0	1318	---	---
1	5.3E+09	YES	9E+06	2	392038	0	59.7	1123.3	0	1183	---	---
1	5.3E+09	YES	9E+06	3	393221	0	59.7	2323.3	268620	2383	4884	80
2	5.3E+09	YES	2E+07	1	1225884	561660	69.4	1517.6	0	1587	---	---
2	5.3E+09	YES	2E+07	2	1227471	0	69.4	3227.6	97680	3297	4884	115
3	5.3E+09	YES	2E+07	1	1973136	644688	56.2	1480.8	0	1537	---	---
3	5.3E+09	YES	2E+07	2	1974673	0	56.2	1909.8	0	1966	---	---
3	5.3E+09	YES	2E+07	3	1976639	0	56.2	1324.8	14652	1381	4884	132
4	5.3E+09	YES	8E+06	1	2378508	385836	51.8	4832.2	273504	4884	4884	79
5	5.3E+09	YES	7E+06	1	3091572	434676	56.4	1286.6	0	1343	---	---
5	5.3E+09	YES	7E+06	2	3092915	0	56.4	1467.6	0	1524	---	---

STATISTICAL PERFORMANCE CHECK - MONITOR RADIO 96 kHz

NORTHWEST EMC

XMit 2015.01.14

Profile Type	USA 'Bin 5'
Profile Freq (Hz)	5.3E+09
ARB Sample Rate (Hz)	1E+08
Pulse Power (dBm)	5

Burst Number	Frequency (Hz)	Brust Seen?	Chirp BW (Hz)	Pulse Number	Start Time (usecs)	Lead Blank Time (usecs)	PW (usecs)	Off Time (usecs)	Trail Blank Time (usecs)	Pulse Active Time (on+off, usecs)	Total Burst Active Time (usecs)	Number Lead Blank Reps
1	5.3E+09	YES	2E+07	1	480516	480516	73	1003	0	1076	---	---
1	5.3E+09	YES	2E+07	2	481592	0	73	4074	261150	4147	5223	92
2	5.3E+09	YES	2E+07	1	1164729	417840	66.3	5156.7	323826	5223	5223	80
3	5.3E+09	YES	1E+07	1	1781043	287265	84.8	1672.2	0	1757	---	---
3	5.3E+09	YES	1E+07	2	1782800	0	84.8	1730.2	0	1815	---	---
3	5.3E+09	YES	1E+07	3	1784615	0	84.8	1566.2	454401	1651	5223	55
4	5.3E+09	YES	8E+06	1	2632392	391725	87.9	5135.1	349941	5223	5223	75
5	5.3E+09	YES	1E+07	1	3086793	99237	55	1327	0	1382	---	---
5	5.3E+09	YES	1E+07	2	3088175	0	55	3786	642429	3841	5223	19
6	5.3E+09	YES	2E+07	1	3912027	177582	76.3	1272.7	0	1349	---	---

STATISTICAL PERFORMANCE CHECK - MONITOR RADIO 96 kHz

NORTHWEST EMC

XMit 2015.01.14

Profile Type	USA 'Bin 5'
Profile Freq (Hz)	5.3E+09
ARB Sample Rate (Hz)	1E+08
Pulse Power (dBm)	5

Burst Number	Frequency (Hz)	Brust Seen?	Chirp BW (Hz)	Pulse Number	Start Time (usecs)	Lead Blank Time (usecs)	PW (usecs)	Off Time (usecs)	Trail Blank Time (usecs)	Pulse Active Time (on+off, usecs)	Total Burst Active Time (usecs)	Number Lead Blank Reps
1	5.3E+09	YES	2E+07	1	356136	356136	76.7	1280.3	0	1357	---	---
1	5.3E+09	YES	2E+07	2	357493	0	76.7	3582.3	727320	3659	5016	71
2	5.3E+09	YES	6E+06	1	1113552	25080	89	1272	0	1361	---	---
2	5.3E+09	YES	6E+06	2	1114913	0	89	3566	1058376	3655	5016	5
3	5.3E+09	YES	2E+07	1	2568192	391248	64	1311	0	1375	---	---
3	5.3E+09	YES	2E+07	2	2569567	0	64	3577	692208	3641	5016	78
4	5.3E+09	YES	2E+07	1	3842256	576840	80.1	1730.9	0	1811	---	---
4	5.3E+09	YES	2E+07	2	3844067	0	80.1	3124.9	506616	3205	5016	115
5	5.3E+09	YES	2E+07	1	5281848	927960	69.1	1420.9	0	1490	---	---
5	5.3E+09	YES	2E+07	2	5283338	0	69.1	1859.9	0	1929	---	---
5	5.3E+09	YES	2E+07	3	5285267	0	69.1	1527.9	155496	1597	5016	185
6	5.3E+09	YES	1E+07	1	6064344	621984	54	954	0	1008	---	---
6	5.3E+09	YES	1E+07	2	6065352	0	54	3954	461472	4008	5016	124
7	5.3E+09	YES	2E+07	1	7167864	637032	76.4	998.6	0	1075	---	---
7	5.3E+09	YES	2E+07	2	7168939	0	76.4	3864.6	446424	3941	5016	127

STATISTICAL PERFORMANCE CHECK - MONITOR RADIO 96 kHz

NORTHWEST EMC

XMit 2015.01.14

Profile Type	USA 'Bin 5'
Profile Freq (Hz)	5.3E+09
ARB Sample Rate (Hz)	1E+08
Pulse Power (dBm)	5

Burst Number	Frequency (Hz)	Brust Seen?	Chirp BW (Hz)	Pulse Number	Start Time (usecs)	Lead Blank Time (usecs)	PW (usecs)	Off Time (usecs)	Trail Blank Time (usecs)	Pulse Active Time (on+off, usecs)	Total Burst Active Time (usecs)	Number Lead Blank Reps
1	5.3E+09	YES	8E+06	1	594150	594150	87.1	1902.9	0	1990	---	---
1	5.3E+09	YES	8E+06	2	596140	0	87.1	1417.9	401925	1505	3495	170
2	5.3E+09	YES	2E+07	1	1579740	580170	63.9	1239.1	0	1303	---	---
2	5.3E+09	YES	2E+07	2	1581043	0	63.9	2128.1	415905	2192	3495	166
3	5.3E+09	YES	2E+07	1	2607270	608130	66.4	1078.6	0	1145	---	---
3	5.3E+09	YES	2E+07	2	2608415	0	66.4	2283.6	387945	2350	3495	174
4	5.3E+09	YES	1E+07	1	3232875	234165	50.4	3444.6	761910	3495	3495	67
5	5.3E+09	YES	2E+07	1	4187010	188730	85.7	3409.3	807345	3495	3495	54
6	5.3E+09	YES	2E+07	1	5686365	688515	65	3430	307560	3495	3495	197
7	5.3E+09	YES	1E+07	1	6119745	122325	61.2	958.8	0	1020	---	---
7	5.3E+09	YES	1E+07	2	6120765	0	61.2	2413.8	873750	2475	3495	35
8	5.3E+09	YES	8E+06	1	7003980	6990	80.7	3414.3	989085	3495	3495	2
9	5.3E+09	YES	7E+06	1	8076945	80385	78	1103	0	1181	---	---
9	5.3E+09	YES	7E+06	2	8078126	0	78	2236	915690	2314	3495	23
10	5.3E+09	YES	8E+06	1	9275730	279600	97.4	1239.6	0	1337	---	---

STATISTICAL PERFORMANCE CHECK - MONITOR RADIO 96 kHz

NORTHWEST EMC

XMit 2015.01.14

Profile Type	USA 'Bin 5'
Profile Freq (Hz)	5.31E+09
ARB Sample Rate (Hz)	1E+08
Pulse Power (dBm)	5

Burst Number	Frequency (Hz)	Brust Seen?	Chirp BW (Hz)	Pulse Number	Start Time (usecs)	Lead Blank Time (usecs)	PW (usecs)	Off Time (usecs)	Trail Blank Time (usecs)	Pulse Active Time (on+off, usecs)	Total Burst Active Time (usecs)	Number Lead Blank Reps
1	5.31E+09	YES	5E+06	1	446978	446978	69.8	1298.2	0	1368	---	---
1	5.31E+09	YES	5E+06	2	448346	0	69.8	1518.2	0	1588	---	---
1	5.31E+09	YES	5E+06	3	449934	0	69.8	1535.2	177879	1605	4561	98
2	5.31E+09	YES	1E+07	1	1026225	396807	94.3	4466.7	228050	4561	4561	87
3	5.31E+09	YES	2E+07	1	1728619	469783	57.2	1520.8	0	1578	---	---
3	5.31E+09	YES	2E+07	2	1730197	0	57.2	2925.8	155074	2983	4561	103
4	5.31E+09	YES	8E+06	1	1906498	18244	72.6	1066.4	0	1139	---	---
4	5.31E+09	YES	8E+06	2	1907637	0	72.6	3349.4	606613	3422	4561	4
5	5.31E+09	YES	2E+07	1	2777649	259977	55.2	4505.8	364880	4561	4561	57

STATISTICAL PERFORMANCE CHECK - MONITOR RADIO 96 kHz

NORTHWEST EMC

XMit 2015.01.14

Profile Type	USA 'Bin 5'
Profile Freq (Hz)	5.31E+09
ARB Sample Rate (Hz)	1E+08
Pulse Power (dBm)	5

Burst Number	Frequency (Hz)	Brust Seen?	Chirp BW (Hz)	Pulse Number	Start Time (usecs)	Lead Blank Time (usecs)	PW (usecs)	Off Time (usecs)	Trail Blank Time (usecs)	Pulse Active Time (on+off, usecs)	Total Burst Active Time (usecs)	Number Lead Blank Reps
1	5.31E+09	YES	2E+07	1	66742	66742	90.3	1575.7	0	1666	---	---
1	5.31E+09	YES	2E+07	2	68408	0	90.3	3377.7	924120	3468	5134	13
2	5.31E+09	YES	9E+06	1	1550468	554472	73.6	5060.4	436390	5134	5134	108
3	5.31E+09	YES	7E+06	1	2936648	944656	61.1	1747.9	0	1809	---	---
3	5.31E+09	YES	7E+06	2	2938457	0	61.1	1649.9	0	1711	---	---
3	5.31E+09	YES	7E+06	3	2940168	0	61.1	1552.9	46206	1614	5134	184
4	5.31E+09	YES	9E+06	1	3799160	811172	79.3	1383.7	0	1463	---	---
4	5.31E+09	YES	9E+06	2	3800623	0	79.3	1551.7	0	1631	---	---
4	5.31E+09	YES	9E+06	3	3802254	0	79.3	1960.7	179690	2040	5134	158
5	5.31E+09	YES	2E+07	1	4615466	631482	70	971	0	1041	---	---
5	5.31E+09	YES	2E+07	2	4616507	0	70	4023	359380	4093	5134	123
6	5.31E+09	YES	2E+07	1	5442040	462060	56.3	5077.7	528802	5134	5134	90

STATISTICAL PERFORMANCE CHECK - MONITOR RADIO 96 kHz

NORTHWEST EMC

XMit 2015.01.14

Profile Type	USA 'Bin 5'
Profile Freq (Hz)	5.31E+09
ARB Sample Rate (Hz)	1E+08
Pulse Power (dBm)	5

Burst Number	Frequency (Hz)	Brust Seen?	Chirp BW (Hz)	Pulse Number	Start Time (usecs)	Lead Blank Time (usecs)	PW (usecs)	Off Time (usecs)	Trail Blank Time (usecs)	Pulse Active Time (on+off, usecs)	Total Burst Active Time (usecs)	Number Lead Blank Reps
1	5.31E+09	YES	5E+06	1	312930	312930	95.3	933.7	0	1029	---	---
1	5.31E+09	YES	5E+06	2	313959	0	95.3	4365.7	603900	4461	5490	57
2	5.31E+09	YES	2E+07	1	927810	5490	76.7	5413.3	911340	5490	5490	1
3	5.31E+09	YES	2E+07	1	1981890	137250	54.3	1776.7	0	1831	---	---
3	5.31E+09	YES	2E+07	2	1983721	0	54.3	1022.7	0	1077	---	---
3	5.31E+09	YES	2E+07	3	1984798	0	54.3	2527.7	779580	2582	5490	25
4	5.31E+09	YES	2E+07	1	3206160	439200	92.8	1505.2	0	1598	---	---
4	5.31E+09	YES	2E+07	2	3207758	0	92.8	3799.2	477630	3892	5490	80
5	5.31E+09	YES	2E+07	1	3837510	148230	83.5	1615.5	0	1699	---	---
5	5.31E+09	YES	2E+07	2	3839209	0	83.5	3707.5	768600	3791	5490	27
6	5.31E+09	YES	7E+06	1	5468040	856440	71.7	1917.3	0	1989	---	---
6	5.31E+09	YES	7E+06	2	5470029	0	71.7	1556.3	0	1628	---	---
6	5.31E+09	YES	7E+06	3	5471657	0	71.7	1801.3	60390	1873	5490	156
7	5.31E+09	YES	9E+06	1	5737050	203130	59.6	5430.4	713700	5490	5490	37

STATISTICAL PERFORMANCE CHECK - MONITOR RADIO 96 kHz

NORTHWEST EMC

XMit 2015.01.14

Profile Type	USA 'Bin 5'
Profile Freq (Hz)	5.31E+09
ARB Sample Rate (Hz)	1E+08
Pulse Power (dBm)	5

Burst Number	Frequency (Hz)	Brust Seen?	Chirp BW (Hz)	Pulse Number	Start Time (usecs)	Lead Blank Time (usecs)	PW (usecs)	Off Time (usecs)	Trail Blank Time (usecs)	Pulse Active Time (on+off, usecs)	Total Burst Active Time (usecs)	Number Lead Blank Reps
1	5.31E+09	YES	7E+06	1	390764	390764	85.6	1861.4	0	1947	---	---
1	5.31E+09	YES	7E+06	2	392711	0	85.6	1179.4	0	1265	---	---
1	5.31E+09	YES	7E+06	3	393976	0	85.6	1410.4	461384	1496	4708	83
2	5.31E+09	YES	2E+07	1	1478312	621456	82.5	1080.5	0	1163	---	---
2	5.31E+09	YES	2E+07	2	1479475	0	82.5	1011.5	0	1094	---	---
2	5.31E+09	YES	2E+07	3	1480569	0	82.5	2368.5	230692	2451	4708	132
3	5.31E+09	YES	1E+07	1	2255132	541420	56.3	1339.7	0	1396	---	---
3	5.31E+09	YES	1E+07	2	2256528	0	56.3	3255.7	310728	3312	4708	115
4	5.31E+09	YES	1E+07	1	2871880	301312	63.1	1035.9	0	1099	---	---

STATISTICAL PERFORMANCE CHECK - MONITOR RADIO 96 kHz

NORTHWEST EMC

XMit 2015.01.14

Profile Type	USA 'Bin 5'
Profile Freq (Hz)	5.31E+09
ARB Sample Rate (Hz)	1E+08
Pulse Power (dBm)	5

Burst Number	Frequency (Hz)	Brust Seen?	Chirp BW (Hz)	Pulse Number	Start Time (usecs)	Lead Blank Time (usecs)	PW (usecs)	Off Time (usecs)	Trail Blank Time (usecs)	Pulse Active Time (on+off, usecs)	Total Burst Active Time (usecs)	Number Lead Blank Reps
1	5.31E+09	YES	1E+07	1	147870	147870	75.2	1705.8	0	1781	---	---
1	5.31E+09	YES	1E+07	2	149651	0	75.2	1560.8	0	1636	---	---
1	5.31E+09	YES	1E+07	3	151287	0	75.2	1436.8	1044948	1512	4929	30
2	5.31E+09	YES	2E+07	1	2129328	931581	58.1	4870.9	261237	4929	4929	189
3	5.31E+09	YES	6E+06	1	2518719	123225	74.4	1070.6	0	1145	---	---
3	5.31E+09	YES	6E+06	2	2519864	0	74.4	3709.6	1069593	3784	4929	25
4	5.31E+09	YES	5E+06	1	4746627	1153386	51	1226	0	1277	---	---
4	5.31E+09	YES	5E+06	2	4747904	0	51	3601	39432	3652	4929	234
5	5.31E+09	YES	2E+07	1	5727498	936510	82.9	4846.1	256308	4929	4929	190

STATISTICAL PERFORMANCE CHECK - MONITOR RADIO 96 kHz

NORTHWEST EMC

XMit 2015.01.14

Profile Type	USA 'Bin 5'
Profile Freq (Hz)	5.29E+09
ARB Sample Rate (Hz)	1E+08
Pulse Power (dBm)	5

Burst Number	Frequency (Hz)	Brust Seen?	Chirp BW (Hz)	Pulse Number	Start Time (usecs)	Lead Blank Time (usecs)	PW (usecs)	Off Time (usecs)	Trail Blank Time (usecs)	Pulse Active Time (on+off, usecs)	Total Burst Active Time (usecs)	Number Lead Blank Reps
1	5.29E+09	YES	8E+06	1	562944	562944	51	1161	0	1212	---	---
1	5.29E+09	YES	8E+06	2	564156	0	51	3135	523362	3186	4398	128
2	5.29E+09	YES	6E+06	1	1341390	250686	97.1	4300.9	835620	4398	4398	57
3	5.29E+09	YES	2E+07	1	2344134	162726	62.7	1689.3	0	1752	---	---
3	5.29E+09	YES	2E+07	2	2345886	0	62.7	2583.3	923580	2646	4398	37
4	5.29E+09	YES	1E+07	1	3500808	228696	87.7	1741.3	0	1829	---	---
4	5.29E+09	YES	1E+07	2	3502637	0	87.7	1327.3	0	1415	---	---
4	5.29E+09	YES	1E+07	3	3504052	0	87.7	1066.3	857610	1154	4398	52
5	5.29E+09	YES	6E+06	1	5062098	699282	77.5	4320.5	387024	4398	4398	159
6	5.29E+09	YES	6E+06	1	5849340	395820	84.8	1807.2	0	1892	---	---
6	5.29E+09	YES	6E+06	2	5851232	0	84.8	2421.2	690486	2506	4398	90
7	5.29E+09	YES	8E+06	1	7173138	628914	84	1428	0	1512	---	---
7	5.29E+09	YES	8E+06	2	7174650	0	84	1314	0	1398	---	---
7	5.29E+09	YES	8E+06	3	7176048	0	84	1404	457392	1488	4398	143

STATISTICAL PERFORMANCE CHECK - MONITOR RADIO 96 kHz

NORTHWEST EMC

XMit 2015.01.14

Profile Type	USA 'Bin 5'
Profile Freq (Hz)	5.29E+09
ARB Sample Rate (Hz)	1E+08
Pulse Power (dBm)	5

Burst Number	Frequency (Hz)	Brust Seen?	Chirp BW (Hz)	Pulse Number	Start Time (usecs)	Lead Blank Time (usecs)	PW (usecs)	Off Time (usecs)	Trail Blank Time (usecs)	Pulse Active Time (on+off, usecs)	Total Burst Active Time (usecs)	Number Lead Blank Reps
1	5.29E+09	YES	5E+06	1	147204	147204	58.7	1330.3	0	1389	---	---
1	5.29E+09	YES	5E+06	2	148593	0	58.7	2641.3	846423	2700	4089	36
2	5.29E+09	YES	1E+07	1	1803249	805533	55.3	1291.7	0	1347	---	---
2	5.29E+09	YES	1E+07	2	1804596	0	55.3	2686.7	188094	2742	4089	197
3	5.29E+09	YES	8E+06	1	2342997	347565	84.4	1226.6	0	1311	---	---
3	5.29E+09	YES	8E+06	2	2344308	0	84.4	2693.6	646062	2778	4089	85
4	5.29E+09	YES	2E+07	1	3283467	290319	58.5	4030.5	703308	4089	4089	71
5	5.29E+09	YES	2E+07	1	4714617	723753	57.5	1465.5	0	1523	---	---
5	5.29E+09	YES	2E+07	2	4716140	0	57.5	1163.5	0	1221	---	---
5	5.29E+09	YES	2E+07	3	4717361	0	57.5	1287.5	269874	1345	4089	177
6	5.29E+09	YES	1E+07	1	5278899	290319	84.9	1054.1	0	1139	---	---

STATISTICAL PERFORMANCE CHECK - MONITOR RADIO 96 kHz

NORTHWEST EMC

XMit 2015.01.14

Profile Type	USA 'Bin 5'
Profile Freq (Hz)	5.29E+09
ARB Sample Rate (Hz)	1E+08
Pulse Power (dBm)	5

Burst Number	Frequency (Hz)	Brust Seen?	Chirp BW (Hz)	Pulse Number	Start Time (usecs)	Lead Blank Time (usecs)	PW (usecs)	Off Time (usecs)	Trail Blank Time (usecs)	Pulse Active Time (on+off, usecs)	Total Burst Active Time (usecs)	Number Lead Blank Reps
1	5.29E+09	YES	1E+07	1	441354	441354	84.2	1697.8	0	1782	---	---
1	5.29E+09	YES	1E+07	2	443136	0	84.2	2460.8	752898	2545	4327	102
2	5.29E+09	YES	2E+07	1	1246176	47597	65.5	1545.5	0	1611	---	---
2	5.29E+09	YES	2E+07	2	1247787	0	65.5	2650.5	1146655	2716	4327	11
3	5.29E+09	YES	2E+07	1	3076497	679339	96.8	4230.2	514913	4327	4327	157
4	5.29E+09	YES	6E+06	1	4612582	1016845	52.9	4274.1	177407	4327	4327	235
5	5.29E+09	YES	1E+07	1	5339518	545202	73	1258	0	1331	---	---
5	5.29E+09	YES	1E+07	2	5340849	0	73	2923	649050	2996	4327	126
6	5.29E+09	YES	5E+06	1	7014067	1021172	74.7	1727.3	0	1802	---	---
6	5.29E+09	YES	5E+06	2	7015869	0	74.7	2450.3	173080	2525	4327	236
7	5.29E+09	YES	1E+07	1	8303513	1112039	91	1428	0	1519	---	---

STATISTICAL PERFORMANCE CHECK - MONITOR RADIO 96 kHz

NORTHWEST EMC

XMit 2015.01.14

Profile Type	USA 'Bin 5'
Profile Freq (Hz)	5.29E+09
ARB Sample Rate (Hz)	1E+08
Pulse Power (dBm)	5

Burst Number	Frequency (Hz)	Brust Seen?	Chirp BW (Hz)	Pulse Number	Start Time (usecs)	Lead Blank Time (usecs)	PW (usecs)	Off Time (usecs)	Trail Blank Time (usecs)	Pulse Active Time (on+off, usecs)	Total Burst Active Time (usecs)	Number Lead Blank Reps
1	5.29E+09	YES	2E+07	1	401268	401268	60	1864	0	1924	---	---
1	5.29E+09	YES	2E+07	2	403192	0	60	2793	257958	2853	4777	84
2	5.29E+09	YES	6E+06	1	850306	186303	94.3	1434.7	0	1529	---	---
2	5.29E+09	YES	6E+06	2	851835	0	94.3	3153.7	472923	3248	4777	39
3	5.29E+09	YES	1E+07	1	1843922	515916	79	1665	0	1744	---	---
3	5.29E+09	YES	1E+07	2	1845666	0	79	2954	143310	3033	4777	108
4	5.29E+09	YES	1E+07	1	2522256	530247	67.8	1610.2	0	1678	---	---
4	5.29E+09	YES	1E+07	2	2523934	0	67.8	3031.2	128979	3099	4777	111
5	5.29E+09	YES	1E+07	1	2708559	52547	85.7	1372.3	0	1458	---	---

STATISTICAL PERFORMANCE CHECK - MONITOR RADIO 96 kHz

NORTHWEST EMC

XMit 2015.01.14

Profile Type	USA 'Bin 5'
Profile Freq (Hz)	5.29E+09
ARB Sample Rate (Hz)	1E+08
Pulse Power (dBm)	5

Burst Number	Frequency (Hz)	Brust Seen?	Chirp BW (Hz)	Pulse Number	Start Time (usecs)	Lead Blank Time (usecs)	PW (usecs)	Off Time (usecs)	Trail Blank Time (usecs)	Pulse Active Time (on+off, usecs)	Total Burst Active Time (usecs)	Number Lead Blank Reps
1	5.29E+09	YES	7E+06	1	246330	246330	91.8	5773.2	492660	5865	5865	42
2	5.29E+09	YES	2E+07	1	862155	117300	56.7	1291.3	0	1348	---	---
2	5.29E+09	YES	2E+07	2	863503	0	56.7	1381.3	0	1438	---	---
2	5.29E+09	YES	2E+07	3	864941	0	56.7	3022.3	621690	3079	5865	20
3	5.29E+09	YES	1E+07	1	2064480	574770	66.8	971.2	0	1038	---	---
3	5.29E+09	YES	1E+07	2	2065518	0	66.8	4760.2	164220	4827	5865	98
4	5.29E+09	YES	1E+07	1	2662710	428145	96.1	1401.9	0	1498	---	---
4	5.29E+09	YES	1E+07	2	2664208	0	96.1	4270.9	310845	4367	5865	73
5	5.29E+09	YES	8E+06	1	3249210	269790	59	1201	0	1260	---	---
5	5.29E+09	YES	8E+06	2	3250470	0	59	1248	0	1307	---	---
5	5.29E+09	YES	8E+06	3	3251777	0	59	3239	469200	3298	5865	46

STATISTICAL PERFORMANCE CHECK - MONITOR RADIO 96 kHz

NORTHWEST EMC

XMit 2015.01.14

Profile Type	USA 'Bin 5'
Profile Freq (Hz)	5.3E+09
ARB Sample Rate (Hz)	1E+08
Pulse Power (dBm)	5

Burst Number	Frequency (Hz)	Brust Seen?	Chirp BW (Hz)	Pulse Number	Start Time (usecs)	Lead Blank Time (usecs)	PW (usecs)	Off Time (usecs)	Trail Blank Time (usecs)	Pulse Active Time (on+off, usecs)	Total Burst Active Time (usecs)	Number Lead Blank Reps
1	5.3E+09	YES	2E+07	1	651777	651777	68.6	1579.4	0	1648	---	---
1	5.3E+09	YES	2E+07	2	653425	0	68.6	3582.4	429219	3651	5299	123
2	5.3E+09	YES	2E+07	1	2077208	990913	74.2	5224.8	90083	5299	5299	187
3	5.3E+09	YES	5E+06	1	2755480	582890	77.1	5221.9	498106	5299	5299	110
4	5.3E+09	YES	1E+07	1	3656310	397425	82	1708	0	1790	---	---
4	5.3E+09	YES	1E+07	2	3658100	0	82	929	0	1011	---	---
4	5.3E+09	YES	1E+07	3	3659111	0	82	2416	683571	2498	5299	75

STATISTICAL PERFORMANCE CHECK - MONITOR RADIO 96 kHz

XMit 2015.01.14

Profile Type	USA 'Bin 5'
Profile Freq (Hz)	5.3E+09
ARB Sample Rate (Hz)	1E+08
Pulse Power (dBm)	5

Burst Number	Frequency (Hz)	Brust Seen?	Chirp BW (Hz)	Pulse Number	Start Time (usecs)	Lead Blank Time (usecs)	PW (usecs)	Off Time (usecs)	Trail Blank Time (usecs)	Pulse Active Time (on+off, usecs)	Total Burst Active Time (usecs)	Number Lead Blank Reps
1	5.3E+09	YES	7E+06	1	256416	256416	76	1729	0	1805	---	---
1	5.3E+09	YES	7E+06	2	258221	0	76	3461	443386	3537	5342	48
2	5.3E+09	YES	1E+07	1	966902	261758	83.5	1632.5	0	1716	---	---
2	5.3E+09	YES	1E+07	2	968618	0	83.5	3542.5	438044	3626	5342	49
3	5.3E+09	YES	1E+07	1	1746834	336546	78	5264	363256	5342	5342	63
4	5.3E+09	YES	8E+06	1	2184878	69446	78.1	1297.9	0	1376	---	---
4	5.3E+09	YES	8E+06	2	2186254	0	78.1	1715.9	0	1794	---	---
4	5.3E+09	YES	8E+06	3	2188048	0	78.1	2093.9	630356	2172	5342	13
5	5.3E+09	YES	1E+07	1	3285330	464754	62	1419	0	1481	---	---

STATISTICAL PERFORMANCE CHECK - MONITOR RADIO 96 kHz

NORTHWEST EMC

XMit 2015.01.14

Profile Type	USA 'Bin 5'
Profile Freq (Hz)	5.3E+09
ARB Sample Rate (Hz)	1E+08
Pulse Power (dBm)	5

Burst Number	Frequency (Hz)	Brust Seen?	Chirp BW (Hz)	Pulse Number	Start Time (usecs)	Lead Blank Time (usecs)	PW (usecs)	Off Time (usecs)	Trail Blank Time (usecs)	Pulse Active Time (on+off, usecs)	Total Burst Active Time (usecs)	Number Lead Blank Reps
1	5.3E+09	YES	6E+06	1	121568	121568	65.5	1560.5	0	1626	---	---
1	5.3E+09	YES	6E+06	2	123194	0	65.5	2500.5	503040	2566	4192	29
2	5.3E+09	YES	2E+07	1	687488	58688	63.5	1057.5	0	1121	---	---
2	5.3E+09	YES	2E+07	2	688609	0	63.5	3007.5	565920	3071	4192	14
3	5.3E+09	YES	6E+06	1	1479776	222176	84.4	4107.6	402432	4192	4192	53
4	5.3E+09	YES	9E+06	1	2406208	519808	64.7	981.3	0	1046	---	---
4	5.3E+09	YES	9E+06	2	2407254	0	64.7	3081.3	104800	3146	4192	124
5	5.3E+09	YES	9E+06	1	2867328	352128	75.7	1128.3	0	1204	---	---
5	5.3E+09	YES	9E+06	2	2868532	0	75.7	2912.3	272480	2988	4192	84
6	5.3E+09	YES	2E+07	1	3730880	586880	96.6	1299.4	0	1396	---	---
6	5.3E+09	YES	2E+07	2	3732276	0	96.6	2699.4	37728	2796	4192	140
7	5.3E+09	YES	2E+07	1	4041088	268288	79.7	1688.3	0	1768	---	---
7	5.3E+09	YES	2E+07	2	4042856	0	79.7	2344.3	356320	2424	4192	64
8	5.3E+09	YES	2E+07	1	4954944	553344	79.7	1287.3	0	1367	---	---

STATISTICAL PERFORMANCE CHECK - MONITOR RADIO 96 kHz

NORTHWEST EMC

XMit 2015.01.14

Profile Type	USA 'Bin 5'
Profile Freq (Hz)	5.3E+09
ARB Sample Rate (Hz)	1E+08
Pulse Power (dBm)	5

Burst Number	Frequency (Hz)	Brust Seen?	Chirp BW (Hz)	Pulse Number	Start Time (usecs)	Lead Blank Time (usecs)	PW (usecs)	Off Time (usecs)	Trail Blank Time (usecs)	Pulse Active Time (on+off, usecs)	Total Burst Active Time (usecs)	Number Lead Blank Reps
1	5.3E+09	YES	2E+07	1	105987	105987	82.5	1347.5	0	1430	---	---
1	5.3E+09	YES	2E+07	2	107417	0	82.5	3534.5	686392	3617	5047	21
2	5.3E+09	YES	1E+07	1	812567	15141	72.8	4974.2	777238	5047	5047	3
3	5.3E+09	YES	2E+07	1	2341808	746956	73.8	4973.2	45423	5047	5047	148
4	5.3E+09	YES	2E+07	1	2770803	378525	87.5	1307.5	0	1395	---	---

STATISTICAL PERFORMANCE CHECK - MONITOR RADIO 96 kHz

NORTHWEST EMC

XMit 2015.01.14

Profile Type	USA 'Bin 5'
Profile Freq (Hz)	5.29E+09
ARB Sample Rate (Hz)	1E+08
Pulse Power (dBm)	5

Burst Number	Frequency (Hz)	Brust Seen?	Chirp BW (Hz)	Pulse Number	Start Time (usecs)	Lead Blank Time (usecs)	PW (usecs)	Off Time (usecs)	Trail Blank Time (usecs)	Pulse Active Time (on+off, usecs)	Total Burst Active Time (usecs)	Number Lead Blank Reps
1	5.29E+09	YES	2E+07	1	592625	592625	73.5	1611.5	0	1685	---	---
1	5.29E+09	YES	2E+07	2	594310	0	73.5	2982.5	151712	3056	4741	125
2	5.29E+09	YES	9E+06	1	1185250	436172	79.7	4661.3	308165	4741	4741	92
3	5.29E+09	YES	1E+07	1	1673573	175417	80.9	964.1	0	1045	---	---
3	5.29E+09	YES	1E+07	2	1674618	0	80.9	1335.1	0	1416	---	---
3	5.29E+09	YES	1E+07	3	1676034	0	80.9	2199.1	568920	2280	4741	37
4	5.29E+09	YES	9E+06	1	2707111	459877	76	1687	0	1763	---	---

STATISTICAL PERFORMANCE CHECK - MONITOR RADIO 96 kHz

NORTHWEST EMC

XMit 2015.01.14

Profile Type	USA 'Bin 5'
Profile Freq (Hz)	5.3E+09
ARB Sample Rate (Hz)	1E+08
Pulse Power (dBm)	5

Burst Number	Frequency (Hz)	Brust Seen?	Chirp BW (Hz)	Pulse Number	Start Time (usecs)	Lead Blank Time (usecs)	PW (usecs)	Off Time (usecs)	Trail Blank Time (usecs)	Pulse Active Time (on+off, usecs)	Total Burst Active Time (usecs)	Number Lead Blank Reps
1	5.3E+09	YES	2E+07	1	110600	110600	55	1251	0	1306	---	---
1	5.3E+09	YES	2E+07	2	111906	0	55	2589	805800	2644	3950	28
2	5.3E+09	YES	2E+07	1	1109950	189600	74.4	3875.6	726800	3950	3950	48
3	5.3E+09	YES	1E+07	1	2441100	600400	70.5	1815.5	0	1886	---	---
3	5.3E+09	YES	1E+07	2	2442986	0	70.5	1993.5	316000	2064	3950	152

STATISTICAL PERFORMANCE CHECK - MONITOR RADIO 96 kHz

NORTHWEST EMC

XMit 2015.01.14

Profile Type	USA 'Bin 5'
Profile Freq (Hz)	5.3E+09
ARB Sample Rate (Hz)	1E+08
Pulse Power (dBm)	5

Burst Number	Frequency (Hz)	Brust Seen?	Chirp BW (Hz)	Pulse Number	Start Time (usecs)	Lead Blank Time (usecs)	PW (usecs)	Off Time (usecs)	Trail Blank Time (usecs)	Pulse Active Time (on+off, usecs)	Total Burst Active Time (usecs)	Number Lead Blank Reps
1	5.3E+09	YES	1E+07	1	235866	235866	78.3	4059.7	388972	4138	4138	57
2	5.3E+09	YES	9E+06	1	798634	169658	88.6	1886.4	0	1975	---	---
2	5.3E+09	YES	9E+06	2	800609	0	88.6	2074.4	455180	2163	4138	41
3	5.3E+09	YES	1E+07	1	1377954	120002	60.8	4077.2	504836	4138	4138	29
4	5.3E+09	YES	1E+07	1	2031758	144830	96.5	1648.5	0	1745	---	---
4	5.3E+09	YES	1E+07	2	2033503	0	96.5	2296.5	480008	2393	4138	35
5	5.3E+09	YES	2E+07	1	2966946	451042	82.9	4055.1	173796	4138	4138	109
6	5.3E+09	YES	2E+07	1	3368332	223452	91.4	4046.6	401386	4138	4138	54
7	5.3E+09	YES	7E+06	1	3922824	148968	87.9	4050.1	475870	4138	4138	36
8	5.3E+09	YES	2E+07	1	4733872	331040	68.1	1826.9	0	1895	---	---
8	5.3E+09	YES	2E+07	2	4735767	0	68.1	2174.9	293798	2243	4138	80
9	5.3E+09	YES	1E+07	1	5155948	124140	62	1364	0	1426	---	---
9	5.3E+09	YES	1E+07	2	5157374	0	62	953	0	1015	---	---

STATISTICAL PERFORMANCE CHECK - MONITOR RADIO 96 kHz

NORTHWEST EMC

XMit 2015.01.14

Profile Type	USA 'Bin 5'
Profile Freq (Hz)	5.3E+09
ARB Sample Rate (Hz)	1E+08
Pulse Power (dBm)	5

Burst Number	Frequency (Hz)	Brust Seen?	Chirp BW (Hz)	Pulse Number	Start Time (usecs)	Lead Blank Time (usecs)	PW (usecs)	Off Time (usecs)	Trail Blank Time (usecs)	Pulse Active Time (on+off, usecs)	Total Burst Active Time (usecs)	Number Lead Blank Reps
1	5.3E+09	YES	2E+07	1	285180	285180	73.6	4679.4	375487	4753	4753	60
2	5.3E+09	YES	7E+06	1	1216768	551348	65.6	1167.4	0	1233	---	---
2	5.3E+09	YES	7E+06	2	1218001	0	65.6	1543.4	0	1609	---	---
2	5.3E+09	YES	7E+06	3	1219610	0	65.6	1845.4	109319	1911	4753	116
3	5.3E+09	YES	1E+07	1	1473430	142590	70.9	1408.1	0	1479	---	---
3	5.3E+09	YES	1E+07	2	1474909	0	70.9	3203.1	518077	3274	4753	30
4	5.3E+09	YES	2E+07	1	2162615	166355	60.2	1243.8	0	1304	---	---
4	5.3E+09	YES	2E+07	2	2163919	0	60.2	3388.8	494312	3449	4753	35

STATISTICAL PERFORMANCE CHECK - MONITOR RADIO 96 kHz

NORTHWEST EMC

XMit 2015.01.14

Profile Type	USA 'Bin 5'
Profile Freq (Hz)	5.3E+09
ARB Sample Rate (Hz)	1E+08
Pulse Power (dBm)	5

Burst Number	Frequency (Hz)	Brust Seen?	Chirp BW (Hz)	Pulse Number	Start Time (usecs)	Lead Blank Time (usecs)	PW (usecs)	Off Time (usecs)	Trail Blank Time (usecs)	Pulse Active Time (on+off, usecs)	Total Burst Active Time (usecs)	Number Lead Blank Reps
1	5.3E+09	YES	2E+07	1	823956	823956	77.2	1318.8	0	1396	---	---
1	5.3E+09	YES	2E+07	2	825352	0	77.2	2565.8	504875	2643	4039	204
2	5.3E+09	YES	1E+07	1	1409611	76741	70.3	3968.7	1252090	4039	4039	19
3	5.3E+09	YES	2E+07	1	3643178	977438	54.7	1901.3	0	1956	---	---
3	5.3E+09	YES	2E+07	2	3645134	0	54.7	2028.3	351393	2083	4039	242
4	5.3E+09	YES	2E+07	1	4043039	44429	83.2	1429.8	0	1513	---	---
4	5.3E+09	YES	2E+07	2	4044552	0	83.2	1322.8	0	1406	---	---
4	5.3E+09	YES	2E+07	3	4045958	0	83.2	1036.8	1284402	1120	4039	11
5	5.3E+09	YES	2E+07	1	5412260	80780	93.4	1492.6	0	1586	---	---
5	5.3E+09	YES	2E+07	2	5413846	0	93.4	2359.6	1248051	2453	4039	20
6	5.3E+09	YES	2E+07	1	7977025	1312675	66.8	3972.2	16156	4039	4039	325
7	5.3E+09	YES	2E+07	1	8183014	185794	57.1	1423.9	0	1481	---	---
7	5.3E+09	YES	2E+07	2	8184495	0	57.1	2500.9	1143037	2558	4039	46
8	5.3E+09	YES	1E+07	1	10408503	1078413	61	3978	250418	4039	4039	267
9	5.3E+09	YES	2E+07	1	11418253	755293	78.2	1407.8	0	1486	---	---

STATISTICAL PERFORMANCE CHECK - MONITOR RADIO 96 kHz

NORTHWEST EMC

XMit 2015.01.14

Profile Type	USA 'Bin 5'
Profile Freq (Hz)	5.3E+09
ARB Sample Rate (Hz)	1E+08
Pulse Power (dBm)	5

Burst Number	Frequency (Hz)	Brust Seen?	Chirp BW (Hz)	Pulse Number	Start Time (usecs)	Lead Blank Time (usecs)	PW (usecs)	Off Time (usecs)	Trail Blank Time (usecs)	Pulse Active Time (on+off, usecs)	Total Burst Active Time (usecs)	Number Lead Blank Reps
1	5.3E+09	YES	2E+07	1	331604	331604	90.7	945.3	0	1036	---	---
1	5.3E+09	YES	2E+07	2	332640	0	90.7	2517.3	863628	2608	3644	91
2	5.3E+09	YES	1E+07	1	2277500	1078624	91.8	3552.2	116608	3644	3644	296
3	5.3E+09	YES	2E+07	1	3563832	1166080	98.3	1800.7	0	1899	---	---
3	5.3E+09	YES	2E+07	2	3565731	0	98.3	1646.7	29152	1745	3644	320
4	5.3E+09	YES	6E+06	1	3797048	200420	62.3	1311.7	0	1374	---	---
4	5.3E+09	YES	6E+06	2	3798422	0	62.3	2207.7	994812	2270	3644	55
5	5.3E+09	YES	8E+06	1	5513372	717868	70.3	3573.7	477364	3644	3644	197
6	5.3E+09	YES	2E+07	1	6154716	160336	57.8	1187.2	0	1245	---	---
6	5.3E+09	YES	2E+07	2	6155961	0	57.8	2341.2	1034896	2399	3644	44
7	5.3E+09	YES	1E+07	1	8107900	914644	50.6	1342.4	0	1393	---	---

STATISTICAL PERFORMANCE CHECK - MONITOR RADIO 96 kHz

NORTHWEST EMC

XMit 2015.01.14

Profile Type	USA 'Bin 5'
Profile Freq (Hz)	5.3E+09
ARB Sample Rate (Hz)	1E+08
Pulse Power (dBm)	5

Burst Number	Frequency (Hz)	Brust Seen?	Chirp BW (Hz)	Pulse Number	Start Time (usecs)	Lead Blank Time (usecs)	PW (usecs)	Off Time (usecs)	Trail Blank Time (usecs)	Pulse Active Time (on+off, usecs)	Total Burst Active Time (usecs)	Number Lead Blank Reps
1	5.3E+09	YES	6E+06	1	264000	264000	72.2	5207.8	359040	5280	5280	50
2	5.3E+09	YES	2E+07	1	1182720	554400	96.3	1034.7	0	1131	---	---
2	5.3E+09	YES	2E+07	2	1183851	0	96.3	4052.7	68640	4149	5280	105
3	5.3E+09	YES	1E+07	1	1415040	158400	95.4	5184.6	464640	5280	5280	30
4	5.3E+09	YES	2E+07	1	2481600	596640	67.3	1745.7	0	1813	---	---
4	5.3E+09	YES	2E+07	2	2483413	0	67.3	1700.7	0	1768	---	---
4	5.3E+09	YES	2E+07	3	2485181	0	67.3	1631.7	26400	1699	5280	113
5	5.3E+09	YES	1E+07	1	2534400	21120	67.4	1453.6	0	1521	---	---
5	5.3E+09	YES	1E+07	2	2535921	0	67.4	983.6	0	1051	---	---
5	5.3E+09	YES	1E+07	3	2536972	0	67.4	2640.6	601920	2708	5280	4
6	5.3E+09	YES	1E+07	1	3558720	417120	65.4	1317.6	0	1383	---	---
6	5.3E+09	YES	1E+07	2	3560103	0	65.4	1679.6	0	1745	---	---

STATISTICAL PERFORMANCE CHECK - MONITOR RADIO 96 kHz

NORTHWEST EMC

XMit 2015.01.14

Profile Type	USA 'Bin 5'
Profile Freq (Hz)	5.3E+09
ARB Sample Rate (Hz)	1E+08
Pulse Power (dBm)	5

Burst Number	Frequency (Hz)	Brust Seen?	Chirp BW (Hz)	Pulse Number	Start Time (usecs)	Lead Blank Time (usecs)	PW (usecs)	Off Time (usecs)	Trail Blank Time (usecs)	Pulse Active Time (on+off, usecs)	Total Burst Active Time (usecs)	Number Lead Blank Reps
1	5.3E+09	YES	1E+07	1	107954	107954	64.5	1809.5	0	1874	---	---
1	5.3E+09	YES	1E+07	2	109828	0	64.5	2968.5	1216936	3033	4907	22
2	5.3E+09	YES	2E+07	1	1859753	529956	52.1	1139.9	0	1192	---	---
2	5.3E+09	YES	2E+07	2	1860945	0	52.1	3662.9	794934	3715	4907	108
3	5.3E+09	YES	2E+07	1	3729320	1069726	91.5	1368.5	0	1460	---	---
3	5.3E+09	YES	2E+07	2	3730780	0	91.5	3355.5	255164	3447	4907	218
4	5.3E+09	YES	2E+07	1	4833395	844004	60.3	1471.7	0	1532	---	---
4	5.3E+09	YES	2E+07	2	4834927	0	60.3	1757.7	0	1818	---	---
4	5.3E+09	YES	2E+07	3	4836745	0	60.3	1496.7	480886	1557	4907	172
5	5.3E+09	YES	1E+07	1	5554724	235536	79.1	4827.9	1089354	4907	4907	48
6	5.3E+09	YES	2E+07	1	7753060	1104075	67.6	986.4	0	1054	---	---
6	5.3E+09	YES	2E+07	2	7754114	0	67.6	3785.4	220815	3853	4907	225
7	5.3E+09	YES	2E+07	1	8631413	652631	76.4	1368.6	0	1445	---	---
7	5.3E+09	YES	2E+07	2	8632858	0	76.4	1389.6	0	1466	---	---
7	5.3E+09	YES	2E+07	3	8634324	0	76.4	1919.6	672259	1996	4907	133
8	5.3E+09	YES	2E+07	1	9436161	127582	55.1	1891.9	0	1947	---	---
8	5.3E+09	YES	2E+07	2	9438108	0	55.1	2904.9	1197308	2960	4907	26

STATISTICAL PERFORMANCE CHECK - MONITOR RADIO 96 kHz

NORTHWEST EMC

XMit 2015.01.14

Profile Type	USA 'Bin 5'
Profile Freq (Hz)	5.3E+09
ARB Sample Rate (Hz)	1E+08
Pulse Power (dBm)	5

Burst Number	Frequency (Hz)	Brust Seen?	Chirp BW (Hz)	Pulse Number	Start Time (usecs)	Lead Blank Time (usecs)	PW (usecs)	Off Time (usecs)	Trail Blank Time (usecs)	Pulse Active Time (on+off, usecs)	Total Burst Active Time (usecs)	Number Lead Blank Reps
1	5.3E+09	YES	2E+07	1	173145	173145	90.4	1892.6	0	1983	---	---
1	5.3E+09	YES	2E+07	2	175128	0	90.4	1342.6	0	1433	---	---
1	5.3E+09	YES	2E+07	3	176561	0	90.4	1440.6	821202	1531	4947	35
2	5.3E+09	YES	2E+07	1	1677033	677739	70.3	981.7	0	1052	---	---
2	5.3E+09	YES	2E+07	2	1678085	0	70.3	3824.7	316608	3895	4947	137
3	5.3E+09	YES	1E+07	1	2720850	722262	69.4	983.6	0	1053	---	---
3	5.3E+09	YES	1E+07	2	2721903	0	69.4	3824.6	272085	3894	4947	146
4	5.3E+09	YES	2E+07	1	3106716	108834	72.4	1630.6	0	1703	---	---
4	5.3E+09	YES	2E+07	2	3108419	0	72.4	3171.6	885513	3244	4947	22
5	5.3E+09	YES	5E+06	1	4531452	534276	67.8	1065.2	0	1133	---	---
5	5.3E+09	YES	5E+06	2	4532585	0	67.8	1085.2	0	1153	---	---
5	5.3E+09	YES	5E+06	3	4533738	0	67.8	2593.2	460071	2661	4947	108
6	5.3E+09	YES	2E+07	1	5125092	128622	74.1	4872.9	865725	4947	4947	26

STATISTICAL PERFORMANCE CHECK - MONITOR RADIO 96 kHz

NORTHWEST EMC

XMit 2015.01.14

Profile Type	USA 'Bin 5'
Profile Freq (Hz)	5.3E+09
ARB Sample Rate (Hz)	1E+08
Pulse Power (dBm)	5

Burst Number	Frequency (Hz)	Brust Seen?	Chirp BW (Hz)	Pulse Number	Start Time (usecs)	Lead Blank Time (usecs)	PW (usecs)	Off Time (usecs)	Trail Blank Time (usecs)	Pulse Active Time (on+off, usecs)	Total Burst Active Time (usecs)	Number Lead Blank Reps
1	5.3E+09	YES	1E+07	1	296352	296352	51.1	1605.9	0	1657	---	---
1	5.3E+09	YES	1E+07	2	298009	0	51.1	962.9	0	1014	---	---
1	5.3E+09	YES	1E+07	3	299023	0	51.1	2569.9	359856	2621	5292	56
2	5.3E+09	YES	2E+07	1	873180	211680	97.3	1323.7	0	1421	---	---
2	5.3E+09	YES	2E+07	2	874601	0	97.3	1739.7	0	1837	---	---
2	5.3E+09	YES	2E+07	3	876438	0	97.3	1936.7	444528	2034	5292	40
3	5.3E+09	YES	8E+06	1	1730484	407484	51.8	5240.2	248724	5292	5292	77
4	5.3E+09	YES	6E+06	1	2534868	550368	77.7	1642.3	0	1720	---	---
4	5.3E+09	YES	6E+06	2	2536588	0	77.7	3494.3	105840	3572	5292	104
5	5.3E+09	YES	8E+06	1	3127572	481572	98.5	1375.5	0	1474	---	---

STATISTICAL PERFORMANCE CHECK - MONITOR RADIO 96 kHz

NORTHWEST EMC

XMit 2015.01.14

Profile Type	USA 'Bin 5'
Profile Freq (Hz)	5.3E+09
ARB Sample Rate (Hz)	1E+08
Pulse Power (dBm)	5

Burst Number	Frequency (Hz)	Brust Seen?	Chirp BW (Hz)	Pulse Number	Start Time (usecs)	Lead Blank Time (usecs)	PW (usecs)	Off Time (usecs)	Trail Blank Time (usecs)	Pulse Active Time (on+off, usecs)	Total Burst Active Time (usecs)	Number Lead Blank Reps
1	5.3E+09	YES	9E+06	1	322392	322392	66.3	1928.7	0	1995	---	---
1	5.3E+09	YES	9E+06	2	324387	0	66.3	1754.7	0	1821	---	---
1	5.3E+09	YES	9E+06	3	326208	0	66.3	1773.7	1170792	1840	5656	57
2	5.3E+09	YES	8E+06	1	2019192	520352	72.9	5583.1	972832	5656	5656	92
3	5.3E+09	YES	2E+07	1	3387944	390264	63	5593	1102920	5656	5656	69
4	5.3E+09	YES	2E+07	1	5237456	740936	91.5	1330.5	0	1422	---	---
4	5.3E+09	YES	2E+07	2	5238878	0	91.5	4142.5	752248	4234	5656	131
5	5.3E+09	YES	2E+07	1	6905976	910616	67.5	1196.5	0	1264	---	---
5	5.3E+09	YES	2E+07	2	6907240	0	67.5	4324.5	582568	4392	5656	161
6	5.3E+09	YES	1E+07	1	8698928	1204728	79.5	5576.5	288456	5656	5656	213
7	5.3E+09	YES	1E+07	1	9168376	175336	53.7	5602.3	1317848	5656	5656	31
8	5.3E+09	YES	5E+06	1	11046168	554288	69.8	5586.2	938896	5656	5656	98

STATISTICAL PERFORMANCE CHECK - MONITOR RADIO 96 kHz

NORTHWEST EMC

XMit 2015.01.14

FCC-Type 6, Trial 1 of 3
All Frequencies in MHz

Trial #1	Trial #2	Trial #3	Trial #4	Trial #5	Trial #6	Trial #7	Trial #8	Trial #9	Trial #10	Trial #11	Trial #12	Trial #13
PASS	PASS	PASS	PASS	PASS	PASS	PASS	PASS	PASS	PASS	PASS	PASS	PASS
5667	5592	5679	5695	5253	5616	5674	5686	5702	5696	5634	5655	5570
5504	5684	5330	5596	5262	5584	5623	5285	5664	5505	5673	5298	5535
5605	5706	5573	5543	5295	5622	5266	5291	5253	5630	5692	5699	5619
5263	5622	5662	5630	5628	5562	5630	5632	5329	5677	5578	5284	5606
5575	5254	5274	5499	5684	5707	5598	5316	5586	5615	5700	5530	5598
5503	5642	5499	5706	5700	5500	5558	5575	5548	5501	5627	5326	5543
5629	5282	5630	5322	5282	5284	5281	5525	5549	5710	5543	5689	5292
5609	5621	5513	5669	5308	5576	5676	5642	5577	5663	5298	5560	5514
5699	5498	5506	5315	5689	5293	5290	5703	5279	5254	5664	5557	5529
5618	5330	5653	5676	5661	5503	5644	5510	5503	5531	5524	5277	5518
5671	5673	5286	5681	5550	5257	5700	5319	5585	5601	5617	5288	5314
5313	5262	5309	5325	5268	5506	5655	5646	5265	5545	5299	5619	5587
5646	5545	5505	5270	5515	5521	5279	5310	5653	5530	5602	5261	5706
5550	5681	5703	5668	5527	5684	5503	5681	5293	5543	5698	5629	5533
5265	5649	5655	5501	5673	5660	5662	5272	5688	5310	5646	5617	5297
5304	5685	5588	5566	5609	5546	5604	5702	5652	5316	5567	5653	5577
5704	5687	5295	5269	5577	5604	5582	5704	5500	5619	5668	5665	5269
5700	5508	5263	5282	5695	5628	5295	5662	5630	5490	5638	5654	5492
5526	5630	5526	5649	5510	5685	5317	5633	5564	5291	5592	5573	5576
5275	5567	5532	5640	5662	5555	5273	5546	5533	5515	5268	5702	5699
5310	5633	5297	5593	5594	5580	5599	5593	5597	5544	5651	5518	5609
5544	5581	5512	5280	5545	5688	5629	5672	5651	5610	5275	5643	5274
5570	5546	5689	5254	5578	5603	5314	5659	5593	5582	5505	5252	5541
5645	5683	5705	5303	5683	5553	5692	5635	5708	5566	5657	5493	5596
5693	5300	5641	5547	5596	5623	5262	5695	5557	5620	5301	5700	5650
5613	5674	5671	5651	5273	5540	5611	5568	5318	5614	5310	5574	5258
5632	5704	5306	5306	5311	5662	5520	5509	5673	5612	5610	5541	5277
5662	5628	5665	5571	5657	5656	5517	5534	5493	5689	5612	5264	5285
5252	5651	5637	5663	5570	5587	5515	5608	5642	5691	5703	5533	5296
5578	5601	5293	5283	5518	5630	5490	5309	5255	5255	5640	5676	5280
5538	5677	5518	5563	5271	5574	5322	5650	5636	5580	5645	5279	5704
5285	5583	5622	5631	5276	5611	5682	5586	5687	5329	5263	5635	5315
5677	5644	5567	5294	5317	5633	5507	5270	5251	5698	5251	5500	5525
5283	5582	5604	5504	5499	5610	5588	5327	5659	5260	5278	5624	5553
5496	5612	5634	5580	5706	5609	5670	5705	5270	5293	5288	5683	5698
5531	5255	5649	5286	5659	5288	5508	5259	5313	5264	5541	5639	5709
5522	5678	5618	5308	5266	5266	5545	5278	5710	5589	5563	5525	5684
5266	5296	5696	5570	5618	5594	5618	5668	5320	5654	5330	5527	5597
5643	5553	5514	5562	5529	5537	5255	5554	5682	5555	5306	5311	5532
5525	5526	5706	5268	5574	5571	5298	5539	5267	5568	5291	5621	5289
5631	5618	5511	5551	5521	5575	5587	5701	5671	5314	5295	5671	5324
5320	5709	5498	5494	5702	5689	5565	5566	5674	5616	5294	5636	5641
5608	5491	5674	5591	5531	5606	5624	5250	5553	5595	5591	5278	5250
5596	5532	5676	5265	5538	5631	5304	5561	5681	5529	5266	5271	5523
5573	5702	5646	5656	5584	5592	5672	5651	5639	5627	5686	5302	5299
5328	5507	5556	5636	5299	5512	5277	5669	5566	5608	5319	5691	5321
5706	5276	5583	5611	5630	5593	5511	5508	5295	5596	5564	5531	5562
5506	5529	5289	5284	5656	5590	5535	5578	5584	5628	5262	5551	5527
5551	5619	5672	5513	5707	5706	5283	5624	5499	5328	5536	5697	5549
5516	5265	5493	5687	5504	5560	5699	5514	5590	5258	5708	5309	5569
5326	5579	5650	5292	5264	5513	5666	5307	5322	5669	5625	5319	5703
5280	5679	5551	5541	5305	5581	5265	5526	5317	5671	5593	5507	5655
5530	5647	5327	5610	5710	5320	5669	5263	5521	5299	5597	5706	5330
5557	5564	5299	5561	5636	5323	5637	5261	5554	5491	5662	5317	5265
5574	5311	5510	5692	5667	5307	5300	5599	5542	5667	5519	5305	5662
5315		5566	5627	5681	5313	5326	5541	5588	5599	5581	5579	5313
5606		5326	5639	5283	5704	5261	5581	5308	5519	5682	5618	5615
5286		5328	5597	5256	5526	5528	5296	5509	5650	5526	5612	5305
5299		5691	5539	5298	5285	5287	5328	5281	5503	5324	5258	5618
5684		5617	5297	5644	5705	5652	5606	5692		5258	5554	5591
5497			5617	5543	5258	5612	5282	5540			5609	5692
5650			5514		5301	5285	5277	5330			5647	5630
5515			5530			5606	5653	5670			5516	5271
5539							5513	5316			5583	5621
5297							5639	5523			5515	5256
5278											5615	5318
5591											5690	5690
5321											5283	5622
5566												5607

STATISTICAL PERFORMANCE CHECK - MONITOR RADIO 96 kHz

NORTHWEST EMC

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FCC-Type 6, Trial 2 of 3
All Frequencies in MHz

Trial #14	Trial #15	Trial #16	Trial #17	Trial #18	Trial #19	Trial #20	Trial #21	Trial #22	Trial #23	Trial #24	Trial #25	Trial #26
PASS	PASS	PASS	PASS	PASS	PASS	PASS	PASS	PASS	PASS	PASS	PASS	PASS
5680	5575	5623	5598	5268	5688	5638	5592	5688	5687	5295	5709	5306
5303	5269	5566	5538	5657	5692	5500	5617	5546	5657	5647	5509	5584
5538	5511	5508	5579	5562	5501	5286	5644	5545	5542	5521	5546	5316
5530	5321	5562	5636	5306	5263	5611	5622	5278	5623	5552	5254	5633
5314	5639	5684	5574	5265	5689	5661	5278	5567	5656	5683	5278	5701
5696	5500	5600	5614	5310	5566	5669	5607	5707	5627	5643	5271	5515
5640	5701	5293	5282	5692	5317	5497	5635	5624	5586	5495	5305	5328
5586	5699	5660	5278	5690	5326	5685	5498	5564	5327	5583	5653	5635
5536	5565	5664	5548	5637	5622	5521	5503	5521	5562	5705	5499	5688
5592	5255	5574	5313	5544	5307	5276	5561	5660	5313	5323	5256	5557
5635	5253	5269	5325	5324	5496	5620	5583	5259	5658	5591	5303	5329
5687	5683	5522	5512	5294	5292	5698	5674	5621	5594	5636	5655	5524
5262	5257	5627	5572	5627	5558	5650	5320	5663	5636	5617	5600	5264
5539	5674	5581	5300	5554	5637	5678	5648	5280	5317	5690	5590	5296
5653	5263	5550	5303	5678	5591	5705	5603	5555	5315	5551	5318	5260
5527	5532	5674	5519	5497	5313	5700	5254	5269	5662	5603	5672	5270
5274	5251	5559	5675	5295	5562	5582	5657	5696	5500	5667	5564	5579
5596	5697	5274	5648	5684	5613	5615	5666	5704	5600	5303	5549	5315
5689	5533	5608	5263	5494	5532	5320	5702	5307	5686	5616	5566	5617
5309	5652	5543	5707	5558	5305	5282	5501	5263	5525	5573	5519	5571
5288	5537	5605	5708	5623	5270	5639	5329	5679	5551	5605	5575	5697
5707	5613	5567	5578	5546	5301	5523	5597	5550	5673	5266	5255	5505
5692	5326	5493	5702	5500	5703	5301	5549	5557	5250	5528	5651	5303
5690	5630	5310	5677	5608	5634	5679	5302	5686	5532	5627	5708	5531
5287	5675	5277	5620	5311	5629	5610	5548	5651	5576	5498	5644	5622
5312	5624	5597	5653	5574	5541	5575	5519	5293	5690	5595	5658	5518
5610	5638	5556	5552	5564	5261	5644	5614	5617	5498	5527	5492	5539
5611	5284	5264	5645	5632	5531	5319	5307	5581	5328	5607	5586	5669
5258	5659	5584	5312	5621	5668	5545	5652	5652	5599	5708	5518	5687
5250	5641	5651	5307	5252	5252	5548	5314	5622	5618	5662	5686	5251
5319	5273	5263	5499	5297	5683	5273	5621	5650	5672	5671	5626	5536
5495	5578	5692	5328	5551	5539	5294	5273	5657	5564	5329	5554	5561
5584	5327	5688	5622	5603	5596	5281	5701	5699	5644	5493	5528	5597
5329	5572	5670	5277	5698	5255	5694	5517	5575	5545	5696	5280	5554
5496	5554	5647	5507	5504	5266	5557	5697	5601	5647	5268	5619	5507
5526	5491	5592	5703	5710	5306	5695	5301	5661	5642	5606	5601	5699
5655	5551	5573	5287	5563	5251	5552	5505	5547	5675	5525	5624	5280
5688	5256	5505	5696	5328	5589	5576	5544	5666	5282	5569	5520	5654
5677	5510	5327	5563	5518	5312	5621	5550	5584	5604	5665	5592	5590
5630	5707	5652	5258	5701	5540	5279	5328	5648	5619	5255	5589	5252
5617	5292	5290	5632	5654	5660	5328	5581	5683	5321	5565	5557	5288
5683	5660	5530	5657	5685	5676	5268	5707	5571	5285	5590	5612	5589
5523	5637	5313	5286	5530	5606	5307	5687	5527	5527	5260	5294	5290
5661	5254	5328	5700	5602	5529	5574	5570	5569	5660	5325	5642	5253
5289	5514	5572	5503	5316	5524	5647	5308	5554	5585	5522	5559	5254
5678	5690	5697	5646	5683	5648	5541	5578	5582	5610	5588	5304	5570
5252	5610	5611	5500	5641	5704	5663	5515	5664	5322	5307	5703	5651
5290	5280	5279	5575	5502	5693	5260	5655	5590	5497	5608	5502	5645
5277	5508	5282	5555	5630	5699	5643	5683	5319	5503	5533	5585	5611
5672	5592	5526	5531	5514	5286	5676	5546	5616	5524	5585	5505	5625
5613	5621	5667	5570	5542	5497	5701	5664	5329	5684	5281	5308	5661
5585	5525	5679	5509	5552	5267	5524	5630	5279	5513	5566	5598	5646
5299	5672	5553	5275	5645	5492	5670	5660	5639	5708	5288	5654	5521
5695	5622	5537	5663	5288	5655	5554	5311	5632	5329	5510	5526	5634
5571	5315	5665	5602	5598	5282	5616	5315	5605	5521	5263	5548	5623
5559	5632	5255	5596	5538	5705	5496	5651	5687	5269	5270	5613	5299
5671	5526	5251	5624	5577	5323	5656	5591	5549	5519	5686	5579	5642
5269	5628	5554	5259	5531	5650	5578	5710	5491	5663	5284	5313	5562
5576	5300	5604			5679	5651	5504	5644	5316	5532	5617	5325
5578	5545	5311			5513	5528	5323		5546	5321	5558	5602
5573	5642	5510			5504	5640	5511		5279	5502	5521	
5323	5654				5664	5517	5604		5292	5300	5675	
5543	5687				5522	5259	5523		5324	5624	5622	
5703	5498				5295	5654	5661		5544		5633	
5624					5572	5596	5576				5268	
5650					5327	5542					5282	
5564						5642					5578	
5651						5250					5260	
5501						5572						
5271												

STATISTICAL PERFORMANCE CHECK - MONITOR RADIO 96 kHz

NORTHWEST EMC

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FCC-Type 6, Trial 3 of 3
All Frequencies in MHz

Trial #27	Trial #28	Trial #29	Trial #30
PASS	PASS	PASS	PASS
5308	5602	5570	5552
5648	5622	5322	5699
5501	5304	5300	5289
5522	5264	5606	5640
5690	5283	5298	5508
5546	5505	5507	5634
5704	5527	5626	5328
5695	5558	5604	5522
5315	5673	5543	5618
5290	5501	5688	5559
5689	5543	5613	5701
5706	5687	5273	5312
5259	5640	5571	5687
5549	5502	5259	5710
5534	5594	5257	5656
5647	5296	5262	5595
5329	5634	5532	5643
5696	5325	5624	5667
5528	5313	5317	5558
5530	5568	5544	5706
5591	5574	5547	5580
5561	5320	5260	5313
5670	5317	5491	5525
5507	5649	5564	5553
5320	5508	5498	5685
5297	5521	5661	5251
5542	5627	5528	5495
5697	5607	5524	5282
5608	5584	5329	5554
5281	5582	5303	5283
5527	5256	5622	5679
5511	5280	5281	5668
5582	5669	5297	5574
5498	5323	5696	5665
5634	5598	5638	5611
5544	5709	5657	5696
5669	5494	5494	5569
5514	5253	5686	5257
5596	5309	5515	5527
5650	5620	5310	5682
5592	5641	5590	5702
5510	5499	5278	5546
5676	5270	5597	5609
5564	5575	5328	5629
5251	5675	5667	5295
5556	5663	5639	5591
5640	5312	5263	5272
5494	5645	5640	5294
5512	5578	5323	5524
5545	5680	5703	5683
5607	5597	5318	5671
5324	5308	5650	5252
5490	5639	5620	5563
5314	5542	5286	5538
5673	5662	5663	5655
5325	5676	5682	5266
5699	5599	5291	5320
5628	5559	5533	5572
5598	5496	5531	5692
5524	5647	5496	5490
5293	5664	5493	5607
5505	5290	5542	5510
5707	5287	5264	5594
5667	5596	5677	5613
5641	5534	5267	5287
5636	5276		5619

STATISTICAL PERFORMANCE CHECK - WORKING RADIO 48 kHz

NORTHWEST EMC

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Testing was performed using the mode(s) of operation and configuration(s) noted within the report. The individuals and/or the organization requesting the test provided the modes, configurations and settings used to complete the evaluation. The actual test parameters are specified in the test data, this includes items such as investigated frequency range (scanned) and test levels. The testing methods and performance specifications, as well as the test site used for the evaluation are indicated in the test data.

TEST EQUIPMENT

Description	Manufacturer	Model	ID	Last Cal.	Interval (mo)
Analyzer - Spectrum Analyzer	Keysight	N9010A	AFP	2/13/2016	12
Block - DC	Fairview Microwave	SD3379	AMQ	6/18/2015	12
Attenuator	S.M. Electronics	SA26B-6	AUX	7/15/2015	12
Attenuator	Fairview Microwave	SA26B-10	TWH	5/12/2015	12
Power Divider/Combiner	Fairview Microwave	MP0208-2	IAJ	NCR	0
Power Divider/Combiner	Fairview Microwave	MP0208-2	IAI	NCR	0
Attenuator	Mini Circuits	BW-S10W2	RKI	NCR	0
Attenuator	Fairview Microwave	SA26B-06	TWF	5/12/2015	12
Attenuator	Aeroflex/Weinschel	3053	RKG	NCR	0
Attenuator	Aeroflex/Weinschel	3053	RKF	NCR	0
Directional Coupler	Fairview Microwave	MC2047-10	RGT	NCR	0
Attenuator	Weinschel Corp	3330A-6	AUF	12/23/2015	12
Power Sensor	Gigatronics	80701A	SPL	5/25/2015	12
Meter - Power	Gigatronics	8651A	SPM	5/25/2015	12
Attenuator	S.M. Electronics	SA18N-06/SM4032	REE	10/1/2015	12
Generator - Signal	Keysight	N5182B	TFU	NCR	0
Cable	ESM Cable Corp.	TT	EV1	NCR	0
Generator - Signal	Agilent	V2920A	TIH	NCR	0
Generator - Signal	Benchforge Manufacturing	Colt	TIN	NCR	0

TEST DESCRIPTION

The master and client were connected using the conducted method described in the FCC KDB procedure via a series of splitters and attenuators which allows the radar signals to be injected and monitored. For master devices, the detection level was set prior to testing by temporarily replacing the master device with the analyzer and setting the power level according to Table 3 and Section 7.5. Where required, an approved Media file was streamed between the master and client or an alternative method to load the channel may be used instead. Channel loading requirements were also verified prior to testing. Configuration and status of the master and client devices were then monitored with the spectrum analyzer. Essentially, a move time test is performed on all the necessary radar types to make sure the master and client vacate the channel when a radar signal is injected. Numerous trials are performed for each radar type to establish a statistical analysis of detection probability, and the guidelines of section 7.8.4 of the procedure were used to calculate the data and determine if the results passed.

STATISTICAL PERFORMANCE CHECK - WORKING RADIO 48 kHz

NORTHWEST EMC

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EUT:	Sherwood XC			**Work Order:**	FOCU0212
Serial Number:	02EA3F000C28			**Date:**	04/28/16
Customer:	Summit Semiconductor LLC			**Temperature:**	22.8°C
Attendees:	David Schilling			**Humidity:**	46%
Project:	None			**Barometric Pres.:**	1010.7
Tested by:	Brandon Hobbs	**Power:**	1.2VDC/3.3VDC via 110VAC/60Hz	**Job Site:**	EV06

TEST SPECIFICATIONS	Test Method
FCC 15.407:2016	ANSI C63.10:2013

COMMENTS

The product was operating in isoc mode.

DEVIATIONS FROM TEST STANDARD

None

Configuration #	1	Signature

						Value	Limit	Result
Working Radio								
	48 kHz Sampling Frequency							
		5300 MHz						
		Radar Type 0					96.7%	60.0%	PASS
		Radar Type 1A					100.0%	60.0%	PASS
		Radar Type 1B					100.0%	60.0%	PASS
		Radar Type 2					93.3%	60.0%	PASS
		Radar Type 3					93.3%	60.0%	PASS
		Radar Type 4					93.3%	60.0%	PASS
		Radar Type 1-4 Summary	96.7%	100.0%	93.3%	93.3%	95.8%	80.0%	PASS
		Radar Type 5					100.0%	80.0%	PASS
		Radar Type 6					100.0%	70.0%	PASS

XC

STATISTICAL PERFORMANCE CHECK - WORKING RADIO 48 kHz

NORTHWEST EMC

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Working Radio, 48 kHz Sampling Frequency, 5300 MHz, Radar Type 0						
				Value	**Limit**	**Result**
				96.7%	60.0%	PASS

Trial #	Detected
1	PASS
2	PASS
3	PASS
4	PASS
5	PASS
6	PASS
7	PASS
8	PASS
9	PASS
10	PASS
11	PASS
12	PASS
13	PASS
14	PASS
15	FAIL
16	PASS
17	PASS
18	PASS
19	PASS
20	PASS
21	PASS
22	PASS
23	PASS
24	PASS
25	PASS
26	PASS
27	PASS
28	PASS
29	PASS
30	PASS

Working Radio, 48 kHz Sampling Frequency, 5300 MHz, Radar Type 1A						
				Value	**Limit**	**Result**
				100.0%	60.0%	PASS

Trial #	Detected
1	PASS
2	PASS
3	PASS
4	PASS
5	PASS
6	PASS
7	PASS
8	PASS
9	PASS
10	PASS
11	PASS
12	PASS
13	PASS
14	PASS
15	PASS

STATISTICAL PERFORMANCE CHECK - WORKING RADIO 48 kHz

NORTHWEST EMC

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Working Radio, 48 kHz Sampling Frequency, 5300 MHz, Radar Type 1B

				Value	Limit	Result
				100.0%	60.0%	PASS

Trial #	Detected
1	PASS
2	PASS
3	PASS
4	PASS
5	PASS
6	PASS
7	PASS
8	PASS
9	PASS
10	PASS
11	PASS
12	PASS
13	PASS
14	PASS
15	PASS

Working Radio, 48 kHz Sampling Frequency, 5300 MHz, Radar Type 2

				Value	Limit	Result
				93.3%	60.0%	PASS

Trial #	Detected	No. of Pulses Per Burst	Pulse Width (us)	PRI (us)
1	PASS	26	1.300 us	167.000 us
2	PASS	25	2.500 us	158.000 us
3	PASS	27	1.700 us	152.000 us
4	PASS	28	3.300 us	158.000 us
5	PASS	23	1.800 us	223.000 us
6	PASS	28	4.700 us	230.000 us
7	FAIL	25	5.000 us	160.000 us
8	PASS	29	3.300 us	228.000 us
9	PASS	26	5.000 us	157.000 us
10	FAIL	23	4.200 us	150.000 us
11	PASS	26	2.800 us	187.000 us
12	PASS	29	4.600 us	228.000 us
13	PASS	29	1.400 us	158.000 us
14	PASS	29	2.500 us	151.000 us
15	PASS	28	1.700 us	166.000 us
16	PASS	25	2.400 us	179.000 us
17	PASS	25	5.000 us	196.000 us
18	PASS	28	1.600 us	219.000 us
19	PASS	26	2.800 us	211.000 us
20	PASS	29	1.800 us	185.000 us
21	PASS	27	4.900 us	179.000 us
22	PASS	25	3.400 us	217.000 us
23	PASS	23	4.300 us	225.000 us
24	PASS	25	2.400 us	159.000 us
25	PASS	29	3.900 us	179.000 us
26	PASS	29	2.900 us	224.000 us
27	PASS	29	1.900 us	182.000 us
28	PASS	24	5.000 us	168.000 us
29	PASS	29	4.500 us	156.000 us
30	PASS	25	2.800 us	164.000 us

STATISTICAL PERFORMANCE CHECK - WORKING RADIO 48 kHz

NORTHWEST EMC

XMit 2015.01.14

Working Radio, 48 kHz Sampling Frequency, 5300 MHz, Radar Type 3

				Value	Limit	Result
				93.3%	60.0%	PASS

Trial #	Detected	No. of Pulses Per Burst	Pulse Width (us)	PRI (us)
1	PASS	18	6.100 us	290.000 us
2	PASS	16	9.800 us	386.000 us
3	PASS	17	8.500 us	245.000 us
4	PASS	16	9.900 us	275.000 us
5	PASS	17	8.300 us	229.000 us
6	PASS	16	9.200 us	246.000 us
7	PASS	16	9.200 us	201.000 us
8	PASS	17	8.400 us	249.000 us
9	PASS	18	7.400 us	317.000 us
10	FAIL	16	7.000 us	498.000 us
11	PASS	17	7.800 us	361.000 us
12	PASS	18	8.700 us	476.000 us
13	PASS	17	7.500 us	473.000 us
14	PASS	18	7.100 us	385.000 us
15	PASS	18	8.500 us	359.000 us
16	PASS	18	8.600 us	345.000 us
17	PASS	18	9.500 us	343.000 us
18	PASS	16	6.400 us	405.000 us
19	PASS	17	9.400 us	267.000 us
20	PASS	17	8.100 us	223.000 us
21	PASS	17	8.000 us	207.000 us
22	PASS	18	8.100 us	471.000 us
23	PASS	16	7.100 us	316.000 us
24	PASS	18	6.800 us	309.000 us
25	PASS	18	7.100 us	337.000 us
26	PASS	17	7.300 us	444.000 us
27	PASS	16	9.900 us	363.000 us
28	PASS	18	7.900 us	251.000 us
29	FAIL	17	6.800 us	335.000 us
30	PASS	17	6.400 us	297.000 us

Working Radio, 48 kHz Sampling Frequency, 5300 MHz, Radar Type 4

				Value	Limit	Result
				93.3%	60.0%	PASS

Trial #	Detected	No. of Pulses Per Burst	Pulse Width (us)	PRI (us)
1	PASS	15	16.800 us	366.000 us
2	PASS	15	14.000 us	273.000 us
3	PASS	14	19.900 us	247.000 us
4	PASS	13	18.900 us	366.000 us
5	PASS	16	17.500 us	346.000 us
6	PASS	14	15.100 us	482.000 us
7	PASS	12	15.300 us	345.000 us
8	PASS	15	13.400 us	369.000 us
9	FAIL	13	16.200 us	484.000 us
10	PASS	12	12.700 us	221.000 us
11	PASS	12	16.000 us	277.000 us
12	PASS	13	18.700 us	448.000 us
13	PASS	15	13.000 us	344.000 us
14	PASS	15	15.900 us	327.000 us
15	FAIL	14	11.100 us	420.000 us
16	PASS	16	14.900 us	271.000 us
17	PASS	16	19.400 us	407.000 us
18	PASS	14	19.900 us	496.000 us
19	PASS	12	15.000 us	333.000 us
20	PASS	15	16.700 us	229.000 us
21	PASS	13	14.900 us	350.000 us
22	PASS	15	17.700 us	252.000 us
23	PASS	15	17.500 us	473.000 us
24	PASS	14	15.300 us	428.000 us
25	PASS	15	16.900 us	444.000 us
26	PASS	14	19.800 us	284.000 us
27	PASS	14	12.500 us	203.000 us
28	PASS	16	15.300 us	214.000 us
29	PASS	15	12.000 us	285.000 us
30	PASS	14	16.900 us	339.000 us

STATISTICAL PERFORMANCE CHECK - WORKING RADIO 48 kHz

NORTHWEST EMC

XMit 2015.01.14

Working Radio, 48 kHz Sampling Frequency, 5300 MHz, Radar Type 1-4 Summary						
				Value	Limit	Result
96.7%	100.0%	93.3%	93.3%	95.8%	80%	PASS

Working Radio, 48 kHz Sampling Frequency, 5300 MHz, Radar Type 5						
				Value	Limit	Result
				100.0%	80.0%	PASS

Trial #	Detected
1	PASS
2	PASS
3	PASS
4	PASS
5	PASS
6	PASS
7	PASS
8	PASS
9	PASS
10	PASS
11	PASS
12	PASS
13	PASS
14	PASS
15	PASS
16	PASS
17	PASS
18	PASS
19	PASS
20	PASS
21	PASS
22	PASS
23	PASS
24	PASS
25	PASS
26	PASS
27	PASS
28	PASS
29	PASS
30	PASS

STATISTICAL PERFORMANCE CHECK - WORKING RADIO 48 kHz

XMit 2015.01.14

Working Radio, 48 kHz Sampling Frequency, 5300 MHz, Radar Type 6						
				Value	**Limit**	**Result**
				100.0%	70.0%	PASS

Trial #	Detected
1	PASS
2	PASS
3	PASS
4	PASS
5	PASS
6	PASS
7	PASS
8	PASS
9	PASS
10	PASS
11	PASS
12	PASS
13	PASS
14	PASS
15	PASS
16	PASS
17	PASS
18	PASS
19	PASS
20	PASS
21	PASS
22	PASS
23	PASS
24	PASS
25	PASS
26	PASS
27	PASS
28	PASS
29	PASS
30	PASS

STATISTICAL PERFORMANCE CHECK - WORKING RADIO 48 kHz

NORTHWEST EMC

XMit 2015.01.14

Profile Type	USA 'Bin 5'
Profile Freq (Hz)	5.3E+09
ARB Sample Rate (Hz)	1E+08
Pulse Power (dBm)	5

Burst Number	Frequency (Hz)	Burst Seen?	Chirp BW (Hz)	Pulse Number	Start Time (usecs)	Lead Blank Time (usecs)	PW (usecs)	Off Time (usecs)	Trail Blank Time (usecs)	Pulse Active Time (on+off, usecs)	Total Burst Active Time (usecs)	Number Lead Blank Reps
1	5.3E+09	YES	2E+07	1	1055424	1055424	64.2	4351.8	30912	4416	4416	239
2	5.3E+09	YES	2E+07	1	2004864	914112	64.5	1409.5	0	1474	---	---
2	5.3E+09	YES	2E+07	2	2006338	0	64.5	2877.5	172224	2942	4416	207
3	5.3E+09	YES	7E+06	1	2371392	189888	86.3	1164.7	0	1251	---	---
3	5.3E+09	YES	7E+06	2	2372643	0	86.3	3078.7	896448	3165	4416	43
4	5.3E+09	YES	8E+06	1	4310016	1037760	98.8	4317.2	48576	4416	4416	235
5	5.3E+09	YES	7E+06	1	5157888	794880	85.4	4330.6	291456	4416	4416	180
6	5.3E+09	YES	2E+07	1	5608320	154560	62.1	1038.9	0	1101	---	---
6	5.3E+09	YES	2E+07	2	5609421	0	62.1	1284.9	0	1347	---	---
6	5.3E+09	YES	2E+07	3	5610768	0	62.1	1905.9	931776	1968	4416	35
7	5.3E+09	YES	1E+07	1	7458624	914112	77.8	4338.2	172224	4416	4416	207
8	5.3E+09	YES	2E+07	1	7644096	8832	61.3	1112.7	0	1174	---	---

STATISTICAL PERFORMANCE CHECK - WORKING RADIO 48 kHz

NORTHWEST EMC

XMit 2015.01.14

Profile Type	USA 'Bin 5'
Profile Freq (Hz)	5.3E+09
ARB Sample Rate (Hz)	1E+08
Pulse Power (dBm)	5

Burst Number	Frequency (Hz)	Burst Seen?	Chirp BW (Hz)	Pulse Number	Start Time (usecs)	Lead Blank Time (usecs)	PW (usecs)	Off Time (usecs)	Trail Blank Time (usecs)	Pulse Active Time (on+off, usecs)	Total Burst Active Time (usecs)	Number Lead Blank Reps
1	5.3E+09	YES	2E+07	1	188208	188208	76.1	1367.9	0	1444	---	---
1	5.3E+09	YES	2E+07	2	189652	0	76.1	3707.9	402556	3784	5228	36
2	5.3E+09	YES	8E+06	1	810340	214348	53	5175	376416	5228	5228	41
3	5.3E+09	YES	2E+07	1	1301772	109788	68.1	1212.9	0	1281	---	---
3	5.3E+09	YES	2E+07	2	1303053	0	68.1	3878.9	480976	3947	5228	21
4	5.3E+09	YES	2E+07	1	2331688	543712	89.7	1627.3	0	1717	---	---
4	5.3E+09	YES	2E+07	2	2333405	0	89.7	1658.3	0	1748	---	---
4	5.3E+09	YES	2E+07	3	2335153	0	89.7	1673.3	47052	1763	5228	104
5	5.3E+09	YES	1E+07	1	2749928	365960	61.4	1737.6	0	1799	---	---
5	5.3E+09	YES	1E+07	2	2751727	0	61.4	1316.6	0	1378	---	---
5	5.3E+09	YES	1E+07	3	2753105	0	61.4	1989.6	224804	2051	5228	70

STATISTICAL PERFORMANCE CHECK - WORKING RADIO 48 kHz

NORTHWEST EMC

XMit 2015.01.14

Profile Type	USA 'Bin 5'
Profile Freq (Hz)	5.3E+09
ARB Sample Rate (Hz)	1E+08
Pulse Power (dBm)	5

Burst Number	Frequency (Hz)	Burst Seen?	Chirp BW (Hz)	Pulse Number	Start Time (usecs)	Lead Blank Time (usecs)	PW (usecs)	Off Time (usecs)	Trail Blank Time (usecs)	Pulse Active Time (on+off, usecs)	Total Burst Active Time (usecs)	Number Lead Blank Reps
1	5.3E+09	YES	2E+07	1	277772	277772	62.2	4645.8	348392	4708	4708	59
2	5.3E+09	YES	6E+06	1	1172292	541420	89.8	1740.2	0	1830	---	---
2	5.3E+09	YES	6E+06	2	1174122	0	89.8	2788.2	84744	2878	4708	115
3	5.3E+09	YES	2E+07	1	1534808	273064	70.4	1412.6	0	1483	---	---
3	5.3E+09	YES	2E+07	2	1536291	0	70.4	3154.6	353100	3225	4708	58
4	5.3E+09	YES	1E+07	1	2457576	564960	91.8	4616.2	61204	4708	4708	120
5	5.3E+09	YES	1E+07	1	2721224	197736	70.2	1019.8	0	1090	---	---
5	5.3E+09	YES	1E+07	2	2722314	0	70.2	3547.8	428428	3618	4708	42
6	5.3E+09	YES	5E+06	1	3450964	296604	50.9	4657.1	329560	4708	4708	63
7	5.3E+09	YES	2E+07	1	4124208	338976	61.2	4646.8	287188	4708	4708	72

STATISTICAL PERFORMANCE CHECK - WORKING RADIO 48 kHz

NORTHWEST EMC

XMit 2015.01.14

Profile Type	USA 'Bin 5'
Profile Freq (Hz)	5.3E+09
ARB Sample Rate (Hz)	1E+08
Pulse Power (dBm)	5

Burst Number	Frequency (Hz)	Burst Seen?	Chirp BW (Hz)	Pulse Number	Start Time (usecs)	Lead Blank Time (usecs)	PW (usecs)	Off Time (usecs)	Trail Blank Time (usecs)	Pulse Active Time (on+off, usecs)	Total Burst Active Time (usecs)	Number Lead Blank Reps
1	5.3E+09	YES	1E+07	1	414080	414080	84	1609	0	1693	---	---
1	5.3E+09	YES	1E+07	2	415773	0	84	3399	776400	3483	5176	80
2	5.3E+09	YES	2E+07	1	1407872	212216	61.8	5114.2	978264	5176	5176	41
3	5.3E+09	YES	1E+07	1	3379928	988616	71.9	1045.1	0	1117	---	---
3	5.3E+09	YES	1E+07	2	3381045	0	71.9	1670.1	0	1742	---	---
3	5.3E+09	YES	1E+07	3	3382787	0	71.9	2245.1	201864	2317	5176	191
4	5.3E+09	YES	2E+07	1	4673928	1086960	96	968	0	1064	---	---
4	5.3E+09	YES	2E+07	2	4674992	0	96	4016	103520	4112	5176	210
5	5.3E+09	YES	2E+07	1	5196704	414080	72.3	1358.7	0	1431	---	---
5	5.3E+09	YES	2E+07	2	5198135	0	72.3	3672.7	776400	3745	5176	80
6	5.3E+09	YES	9E+06	1	6257784	279504	63.6	1720.4	0	1784	---	---
6	5.3E+09	YES	9E+06	2	6259568	0	63.6	1070.4	0	1134	---	---
6	5.3E+09	YES	9E+06	3	6260702	0	63.6	2194.4	910976	2258	5176	54
7	5.3E+09	YES	8E+06	1	7443088	269152	93.9	1781.1	0	1875	---	---
7	5.3E+09	YES	8E+06	2	7444963	0	93.9	1617.1	0	1711	---	---

STATISTICAL PERFORMANCE CHECK - WORKING RADIO 48 kHz

NORTHWEST EMC

XMit 2015.01.14

Profile Type	USA 'Bin 5'
Profile Freq (Hz)	5.3E+09
ARB Sample Rate (Hz)	1E+08
Pulse Power (dBm)	5

Burst Number	Frequency (Hz)	Burst Seen?	Chirp BW (Hz)	Pulse Number	Start Time (usecs)	Lead Blank Time (usecs)	PW (usecs)	Off Time (usecs)	Trail Blank Time (usecs)	Pulse Active Time (on+off, usecs)	Total Burst Active Time (usecs)	Number Lead Blank Reps
1	5.3E+09	YES	2E+07	1	217792	217792	51.9	1542.1	0	1594	---	---
1	5.3E+09	YES	2E+07	2	219386	0	51.9	1042.1	0	1094	---	---
1	5.3E+09	YES	2E+07	3	220480	0	51.9	2572.1	371840	2624	5312	41
2	5.3E+09	YES	2E+07	1	1147392	552448	61.6	5250.4	37184	5312	5312	104
3	5.3E+09	YES	2E+07	1	1487360	297472	96.2	1150.8	0	1247	---	---
3	5.3E+09	YES	2E+07	2	1488607	0	96.2	3968.8	292160	4065	5312	56
4	5.3E+09	YES	6E+06	1	2172608	387776	99.5	1034.5	0	1134	---	---
4	5.3E+09	YES	6E+06	2	2173742	0	99.5	1892.5	0	1992	---	---
4	5.3E+09	YES	6E+06	3	2175734	0	99.5	2086.5	201856	2186	5312	73
5	5.3E+09	YES	2E+07	1	2926912	547136	96.1	1810.9	0	1907	---	---
5	5.3E+09	YES	2E+07	2	2928819	0	96.1	3308.9	42496	3405	5312	103
6	5.3E+09	YES	1E+07	1	3320000	345280	55.7	5256.3	244352	5312	5312	65
7	5.3E+09	YES	8E+06	1	3649344	79680	64.2	1393.8	0	1458	---	---
7	5.3E+09	YES	8E+06	2	3650802	0	64.2	3789.8	509952	3854	5312	15
8	5.3E+09	YES	1E+07	1	4313344	148736	90.4	1176.6	0	1267	---	---

STATISTICAL PERFORMANCE CHECK - WORKING RADIO 48 kHz

NORTHWEST EMC

XMit 2015.01.14

Profile Type	USA 'Bin 5'
Profile Freq (Hz)	5.3E+09
ARB Sample Rate (Hz)	1E+08
Pulse Power (dBm)	5

Burst Number	Frequency (Hz)	Burst Seen?	Chirp BW (Hz)	Pulse Number	Start Time (usecs)	Lead Blank Time (usecs)	PW (usecs)	Off Time (usecs)	Trail Blank Time (usecs)	Pulse Active Time (on+off, usecs)	Total Burst Active Time (usecs)	Number Lead Blank Reps
1	5.3E+09	YES	7E+06	1	654192	654192	73.8	1828.2	0	1902	---	---
1	5.3E+09	YES	7E+06	2	656094	0	73.8	2980.2	44604	3054	4956	132
2	5.3E+09	YES	2E+07	1	1030848	327096	52	4904	371700	4956	4956	66
3	5.3E+09	YES	1E+07	1	1838676	431172	76.7	1851.3	0	1928	---	---
3	5.3E+09	YES	1E+07	2	1840604	0	76.7	972.3	0	1049	---	---
3	5.3E+09	YES	1E+07	3	1841653	0	76.7	1902.3	267624	1979	4956	87
4	5.3E+09	YES	1E+07	1	2254980	143724	77.6	1864.4	0	1942	---	---
4	5.3E+09	YES	1E+07	2	2256922	0	77.6	2936.4	555072	3014	4956	29
5	5.3E+09	YES	2E+07	1	3320520	505512	61.6	1547.4	0	1609	---	---

STATISTICAL PERFORMANCE CHECK - WORKING RADIO 48 kHz

NORTHWEST EMC

XMit 2015.01.14

Profile Type	USA 'Bin 5'
Profile Freq (Hz)	5.3E+09
ARB Sample Rate (Hz)	1E+08
Pulse Power (dBm)	5

Burst Number	Frequency (Hz)	Burst Seen?	Chirp BW (Hz)	Pulse Number	Start Time (usecs)	Lead Blank Time (usecs)	PW (usecs)	Off Time (usecs)	Trail Blank Time (usecs)	Pulse Active Time (on+off, usecs)	Total Burst Active Time (usecs)	Number Lead Blank Reps
1	5.3E+09	YES	5E+06	1	950400	950400	77.9	1845.1	0	1923	---	---
1	5.3E+09	YES	5E+06	2	952323	0	77.9	3399.1	43200	3477	5400	176
2	5.3E+09	YES	1E+07	1	1706400	707400	54.3	1796.7	0	1851	---	---
2	5.3E+09	YES	1E+07	2	1708251	0	54.3	3494.7	286200	3549	5400	131
3	5.3E+09	YES	8E+06	1	2835000	837000	90.8	1049.2	0	1140	---	---
3	5.3E+09	YES	8E+06	2	2836140	0	90.8	1123.2	0	1214	---	---
3	5.3E+09	YES	8E+06	3	2837354	0	90.8	2955.2	156600	3046	5400	155
4	5.3E+09	YES	2E+07	1	3828600	831600	51	5349	162000	5400	5400	154
5	5.3E+09	YES	7E+06	1	4406400	410400	85.7	1097.3	0	1183	---	---
5	5.3E+09	YES	7E+06	2	4407583	0	85.7	4131.3	583200	4217	5400	76
6	5.3E+09	YES	6E+06	1	5270400	275400	52.2	1336.8	0	1389	---	---
6	5.3E+09	YES	6E+06	2	5271789	0	52.2	970.8	0	1023	---	---

STATISTICAL PERFORMANCE CHECK - WORKING RADIO 48 kHz

NORTHWEST EMC

XMit 2015.01.14

Profile Type	USA 'Bin 5'
Profile Freq (Hz)	5.3E+09
ARB Sample Rate (Hz)	1E+08
Pulse Power (dBm)	5

Burst Number	Frequency (Hz)	Burst Seen?	Chirp BW (Hz)	Pulse Number	Start Time (usecs)	Lead Blank Time (usecs)	PW (usecs)	Off Time (usecs)	Trail Blank Time (usecs)	Pulse Active Time (on+off, usecs)	Total Burst Active Time (usecs)	Number Lead Blank Reps
1	5.3E+09	YES	8E+06	1	373653	373653	51.2	1074.8	0	1126	---	---
1	5.3E+09	YES	8E+06	2	374779	0	51.2	3435.8	618142	3487	4613	81
2	5.3E+09	YES	1E+07	1	1748327	751919	58.8	1599.2	0	1658	---	---
2	5.3E+09	YES	1E+07	2	1749985	0	58.8	1883.2	0	1942	---	---
2	5.3E+09	YES	1E+07	3	1751927	0	58.8	954.2	239876	1013	4613	163
3	5.3E+09	YES	6E+06	1	2481794	488978	80.5	925.5	0	1006	---	---
3	5.3E+09	YES	6E+06	2	2482800	0	80.5	964.5	0	1045	---	---
3	5.3E+09	YES	6E+06	3	2483845	0	80.5	2481.5	502817	2562	4613	106
4	5.3E+09	YES	7E+06	1	3459750	470526	98.2	910.8	0	1009	---	---
4	5.3E+09	YES	7E+06	2	3460759	0	98.2	3505.8	521269	3604	4613	102
5	5.3E+09	YES	9E+06	1	4336220	350588	69.1	1449.9	0	1519	---	---
5	5.3E+09	YES	9E+06	2	4337739	0	69.1	3024.9	641207	3094	4613	76
6	5.3E+09	YES	1E+07	1	5964609	982569	87.3	4525.7	9226	4613	4613	213
7	5.3E+09	YES	2E+07	1	6508943	530495	94.2	1089.8	0	1184	---	---

STATISTICAL PERFORMANCE CHECK - WORKING RADIO 48 kHz

NORTHWEST EMC

XMit 2015.01.14

Profile Type	USA 'Bin 5'
Profile Freq (Hz)	5.3E+09
ARB Sample Rate (Hz)	1E+08
Pulse Power (dBm)	5

Burst Number	Frequency (Hz)	Burst Seen?	Chirp BW (Hz)	Pulse Number	Start Time (usecs)	Lead Blank Time (usecs)	PW (usecs)	Off Time (usecs)	Trail Blank Time (usecs)	Pulse Active Time (on+off, usecs)	Total Burst Active Time (usecs)	Number Lead Blank Reps
1	5.3E+09	YES	1E+07	1	316680	316680	60.3	5217.7	876148	5278	5278	60
2	5.3E+09	YES	2E+07	1	1525342	327236	87.2	1133.8	0	1221	---	---
2	5.3E+09	YES	2E+07	2	1526563	0	87.2	1066.8	0	1154	---	---
2	5.3E+09	YES	2E+07	3	1527717	0	87.2	2815.8	865592	2903	5278	62
3	5.3E+09	YES	2E+07	1	2686502	290290	59.5	1396.5	0	1456	---	---
3	5.3E+09	YES	2E+07	2	2687958	0	59.5	1132.5	0	1192	---	---
3	5.3E+09	YES	2E+07	3	2689150	0	59.5	2570.5	902538	2630	5278	55
4	5.3E+09	YES	1E+07	1	4364906	770588	57.5	1521.5	0	1579	---	---
4	5.3E+09	YES	1E+07	2	4366485	0	57.5	3641.5	422240	3699	5278	146

STATISTICAL PERFORMANCE CHECK - WORKING RADIO 48 kHz

NORTHWEST EMC

XMit 2015.01.14

Profile Type	USA 'Bin 5'
Profile Freq (Hz)	5.3E+09
ARB Sample Rate (Hz)	1E+08
Pulse Power (dBm)	5

Burst Number	Frequency (Hz)	Burst Seen?	Chirp BW (Hz)	Pulse Number	Start Time (usecs)	Lead Blank Time (usecs)	PW (usecs)	Off Time (usecs)	Trail Blank Time (usecs)	Pulse Active Time (on+off, usecs)	Total Burst Active Time (usecs)	Number Lead Blank Reps
1	5.3E+09	YES	1E+07	1	659525	659525	89.8	5645.2	131905	5735	5735	115
2	5.3E+09	YES	1E+07	1	1158470	361305	86.9	5648.1	430125	5735	5735	63
3	5.3E+09	YES	2E+07	1	2047395	453065	51.1	1563.9	0	1615	---	---
3	5.3E+09	YES	2E+07	2	2049010	0	51.1	4068.9	338365	4120	5735	79
4	5.3E+09	YES	2E+07	1	2718390	326895	66	1709	0	1775	---	---
4	5.3E+09	YES	2E+07	2	2720165	0	66	1871	0	1937	---	---
4	5.3E+09	YES	2E+07	3	2722102	0	66	1957	464535	2023	5735	57
5	5.3E+09	YES	1E+07	1	3217335	28675	72.3	1822.7	0	1895	---	---
5	5.3E+09	YES	1E+07	2	3219230	0	72.3	1915.7	0	1988	---	---

STATISTICAL PERFORMANCE CHECK - WORKING RADIO 48 kHz

NORTHWEST EMC

XMit 2015.01.14

Profile Type	USA 'Bin 5'
Profile Freq (Hz)	5.3E+09
ARB Sample Rate (Hz)	1E+08
Pulse Power (dBm)	5

Burst Number	Frequency (Hz)	Burst Seen?	Chirp BW (Hz)	Pulse Number	Start Time (usecs)	Lead Blank Time (usecs)	PW (usecs)	Off Time (usecs)	Trail Blank Time (usecs)	Pulse Active Time (on+off, usecs)	Total Burst Active Time (usecs)	Number Lead Blank Reps
1	5.3E+09	YES	1E+07	1	423195	423195	79.6	4675.4	570600	4755	4755	89
2	5.3E+09	YES	8E+06	1	1502580	504030	62.9	1133.1	0	1196	---	---
2	5.3E+09	YES	8E+06	2	1503776	0	62.9	1249.1	0	1312	---	---
2	5.3E+09	YES	8E+06	3	1505088	0	62.9	2184.1	489765	2247	4755	106
3	5.3E+09	YES	1E+07	1	2192055	194955	67.8	1671.2	0	1739	---	---
3	5.3E+09	YES	1E+07	2	2193794	0	67.8	2948.2	798840	3016	4755	41
4	5.3E+09	YES	2E+07	1	3851550	855900	72.2	1876.8	0	1949	---	---
4	5.3E+09	YES	2E+07	2	3853499	0	72.2	2733.8	137895	2806	4755	180
5	5.3E+09	YES	1E+07	1	4350825	356625	99.2	1256.8	0	1356	---	---
5	5.3E+09	YES	1E+07	2	4352181	0	99.2	916.8	0	1016	---	---
5	5.3E+09	YES	1E+07	3	4353197	0	99.2	2283.8	637170	2383	4755	75
6	5.3E+09	YES	9E+06	1	5434965	442215	87.5	1775.5	0	1863	---	---
6	5.3E+09	YES	9E+06	2	5436828	0	87.5	1033.5	0	1121	---	---
6	5.3E+09	YES	9E+06	3	5437949	0	87.5	1683.5	551580	1771	4755	93

STATISTICAL PERFORMANCE CHECK - WORKING RADIO 48 kHz

NORTHWEST EMC

XMit 2015.01.14

Profile Type	USA 'Bin 5'
Profile Freq (Hz)	5.31E+09
ARB Sample Rate (Hz)	1E+08
Pulse Power (dBm)	5

Burst Number	Frequency (Hz)	Burst Seen?	Chirp BW (Hz)	Pulse Number	Start Time (usecs)	Lead Blank Time (usecs)	PW (usecs)	Off Time (usecs)	Trail Blank Time (usecs)	Pulse Active Time (on+off, usecs)	Total Burst Active Time (usecs)	Number Lead Blank Reps
1	5.31E+09	YES	2E+07	1	611875	611875	61.4	1009.6	0	1071	---	---
1	5.31E+09	YES	2E+07	2	612946	0	61.4	1052.6	0	1114	---	---
1	5.31E+09	YES	2E+07	3	614060	0	61.4	2648.6	714670	2710	4895	125
2	5.31E+09	YES	2E+07	1	1390180	58740	74.5	1210.5	0	1285	---	---
2	5.31E+09	YES	2E+07	2	1391465	0	74.5	1184.5	0	1259	---	---
2	5.31E+09	YES	2E+07	3	1392724	0	74.5	2276.5	1267805	2351	4895	12
3	5.31E+09	YES	1E+07	1	3695725	1032845	87.8	1595.2	0	1683	---	---
3	5.31E+09	YES	1E+07	2	3697408	0	87.8	3124.2	293700	3212	4895	211
4	5.31E+09	YES	1E+07	1	4121590	127270	63.1	1670.9	0	1734	---	---
4	5.31E+09	YES	1E+07	2	4123324	0	63.1	1324.9	0	1388	---	---
4	5.31E+09	YES	1E+07	3	4124712	0	63.1	1709.9	1199275	1773	4895	26

STATISTICAL PERFORMANCE CHECK - WORKING RADIO 48 kHz

NORTHWEST EMC

XMit 2015.01.14

Profile Type	USA 'Bin 5'
Profile Freq (Hz)	5.31E+09
ARB Sample Rate (Hz)	1E+08
Pulse Power (dBm)	5

Burst Number	Frequency (Hz)	Burst Seen?	Chirp BW (Hz)	Pulse Number	Start Time (usecs)	Lead Blank Time (usecs)	PW (usecs)	Off Time (usecs)	Trail Blank Time (usecs)	Pulse Active Time (on+off, usecs)	Total Burst Active Time (usecs)	Number Lead Blank Reps
1	5.31E+09	YES	1E+07	1	731088	731088	59.8	1660.2	0	1720	---	---
1	5.31E+09	YES	1E+07	2	732808	0	59.8	3297.2	350313	3357	5077	144
2	5.31E+09	YES	6E+06	1	1482484	396006	51.5	1439.5	0	1491	---	---
2	5.31E+09	YES	6E+06	2	1483975	0	51.5	3534.5	685395	3586	5077	78
3	5.31E+09	YES	1E+07	1	2482653	309697	53.5	1710.5	0	1764	---	---
3	5.31E+09	YES	1E+07	2	2484417	0	53.5	1441.5	0	1495	---	---
3	5.31E+09	YES	1E+07	3	2485912	0	53.5	1764.5	771704	1818	5077	61
4	5.31E+09	YES	2E+07	1	3335589	76155	95	4982	1005246	5077	5077	15
5	5.31E+09	YES	7E+06	1	5366389	1020477	62.5	1520.5	0	1583	---	---
5	5.31E+09	YES	7E+06	2	5367972	0	62.5	3431.5	60924	3494	5077	201
6	5.31E+09	YES	5E+06	1	6351327	918937	55.7	1703.3	0	1759	---	---

STATISTICAL PERFORMANCE CHECK - WORKING RADIO 48 kHz

XMit 2015.01.14

Profile Type	USA 'Bin 5'
Profile Freq (Hz)	5.31E+09
ARB Sample Rate (Hz)	1E+08
Pulse Power (dBm)	5

Burst Number	Frequency (Hz)	Burst Seen?	Chirp BW (Hz)	Pulse Number	Start Time (usecs)	Lead Blank Time (usecs)	PW (usecs)	Off Time (usecs)	Trail Blank Time (usecs)	Pulse Active Time (on+off, usecs)	Total Burst Active Time (usecs)	Number Lead Blank Reps
1	5.31E+09	YES	9E+06	1	225308	225308	89.8	4808.2	519188	4898	4898	46
2	5.31E+09	YES	2E+07	1	974702	225308	82.7	1760.3	0	1843	---	---
2	5.31E+09	YES	2E+07	2	976545	0	82.7	2972.3	519188	3055	4898	46
3	5.31E+09	YES	1E+07	1	2111038	612250	61.9	4836.1	132246	4898	4898	125
4	5.31E+09	YES	1E+07	1	2297162	48980	86.5	1329.5	0	1416	---	---
4	5.31E+09	YES	1E+07	2	2298578	0	86.5	1565.5	0	1652	---	---
4	5.31E+09	YES	1E+07	3	2300230	0	86.5	1743.5	695516	1830	4898	10
5	5.31E+09	YES	6E+06	1	3335538	337962	58.2	1795.8	0	1854	---	---
5	5.31E+09	YES	6E+06	2	3337392	0	58.2	2985.8	406534	3044	4898	69

STATISTICAL PERFORMANCE CHECK - WORKING RADIO 48 kHz

NORTHWEST EMC

XMit 2015.01.14

Profile Type	USA 'Bin 5'
Profile Freq (Hz)	5.31E+09
ARB Sample Rate (Hz)	1E+08
Pulse Power (dBm)	5

Burst Number	Frequency (Hz)	Burst Seen?	Chirp BW (Hz)	Pulse Number	Start Time (usecs)	Lead Blank Time (usecs)	PW (usecs)	Off Time (usecs)	Trail Blank Time (usecs)	Pulse Active Time (on+off, usecs)	Total Burst Active Time (usecs)	Number Lead Blank Reps
1	5.31E+09	YES	9E+06	1	197645	197645	80.2	1631.8	0	1712	---	---
1	5.31E+09	YES	9E+06	2	199357	0	80.2	1442.8	0	1523	---	---
1	5.31E+09	YES	9E+06	3	200880	0	80.2	2331.8	649405	2412	5647	35
2	5.31E+09	YES	1E+07	1	976931	124234	96.9	1024.1	0	1121	---	---
2	5.31E+09	YES	1E+07	2	978052	0	96.9	4429.1	722816	4526	5647	22
3	5.31E+09	YES	2E+07	1	2123272	417878	53.3	1278.7	0	1332	---	---
3	5.31E+09	YES	2E+07	2	2124604	0	53.3	1479.7	0	1533	---	---
3	5.31E+09	YES	2E+07	3	2126137	0	53.3	2728.7	429172	2782	5647	74
4	5.31E+09	YES	1E+07	1	3167967	609876	51.5	5595.5	237174	5647	5647	108
5	5.31E+09	YES	2E+07	1	4037605	626817	93.7	1663.3	0	1757	---	---
5	5.31E+09	YES	2E+07	2	4039362	0	93.7	3796.3	220233	3890	5647	111

STATISTICAL PERFORMANCE CHECK - WORKING RADIO 48 kHz

NORTHWEST EMC

XMit 2015.01.14

Profile Type	USA 'Bin 5'
Profile Freq (Hz)	5.31E+09
ARB Sample Rate (Hz)	1E+08
Pulse Power (dBm)	5

Burst Number	Frequency (Hz)	Burst Seen?	Chirp BW (Hz)	Pulse Number	Start Time (usecs)	Lead Blank Time (usecs)	PW (usecs)	Off Time (usecs)	Trail Blank Time (usecs)	Pulse Active Time (on+off, usecs)	Total Burst Active Time (usecs)	Number Lead Blank Reps
1	5.31E+09	YES	1E+07	1	53480	53480	72.5	1878.5	0	1951	---	---
1	5.31E+09	YES	1E+07	2	55431	0	72.5	3324.5	861028	3397	5348	10
2	5.31E+09	YES	6E+06	1	1048208	128352	67.5	1368.5	0	1436	---	---
2	5.31E+09	YES	6E+06	2	1049644	0	67.5	3844.5	786156	3912	5348	24
3	5.31E+09	YES	5E+06	1	2235464	395752	99.7	1419.3	0	1519	---	---
3	5.31E+09	YES	5E+06	2	2236983	0	99.7	3729.3	518756	3829	5348	74
4	5.31E+09	YES	2E+07	1	2914660	155092	95	1007	0	1102	---	---

STATISTICAL PERFORMANCE CHECK - WORKING RADIO 48 kHz

NORTHWEST EMC

XMit 2015.01.14

Profile Type	USA 'Bin 5'
Profile Freq (Hz)	5.3E+09
ARB Sample Rate (Hz)	1E+08
Pulse Power (dBm)	5

Burst Number	Frequency (Hz)	Burst Seen?	Chirp BW (Hz)	Pulse Number	Start Time (usecs)	Lead Blank Time (usecs)	PW (usecs)	Off Time (usecs)	Trail Blank Time (usecs)	Pulse Active Time (on+off, usecs)	Total Burst Active Time (usecs)	Number Lead Blank Reps
1	5.3E+09	YES	8E+06	1	208426	208426	65.5	4465.5	983227	4531	4531	46
2	5.3E+09	YES	2E+07	1	1395548	199364	98.1	1768.9	0	1867	---	---
2	5.3E+09	YES	2E+07	2	1397415	0	98.1	2565.9	992289	2664	4531	44
3	5.3E+09	YES	1E+07	1	2836406	444038	94.6	1848.4	0	1943	---	---
3	5.3E+09	YES	1E+07	2	2838349	0	94.6	2493.4	747615	2588	4531	98
4	5.3E+09	YES	2E+07	1	4585372	996820	54.5	1698.5	0	1753	---	---
4	5.3E+09	YES	2E+07	2	4587125	0	54.5	1488.5	0	1543	---	---
4	5.3E+09	YES	2E+07	3	4588668	0	54.5	1180.5	194833	1235	4531	220
5	5.3E+09	YES	2E+07	1	5355642	570906	88.9	4442.1	620747	4531	4531	126

STATISTICAL PERFORMANCE CHECK - WORKING RADIO 48 kHz

NORTHWEST EMC

XMit 2015.01.14

Profile Type	USA 'Bin 5'
Profile Freq (Hz)	5.3E+09
ARB Sample Rate (Hz)	1E+08
Pulse Power (dBm)	5

Burst Number	Frequency (Hz)	Burst Seen?	Chirp BW (Hz)	Pulse Number	Start Time (usecs)	Lead Blank Time (usecs)	PW (usecs)	Off Time (usecs)	Trail Blank Time (usecs)	Pulse Active Time (on+off, usecs)	Total Burst Active Time (usecs)	Number Lead Blank Reps
1	5.3E+09	YES	2E+07	1	125626	125626	88	5374	666364	5462	5462	23
2	5.3E+09	YES	1E+07	1	988622	191170	50.4	1920.6	0	1971	---	---
2	5.3E+09	YES	1E+07	2	990593	0	50.4	3440.6	600820	3491	5462	35
3	5.3E+09	YES	2E+07	1	1753302	158398	76.5	1524.5	0	1601	---	---
3	5.3E+09	YES	2E+07	2	1754903	0	76.5	1594.5	0	1671	---	---
3	5.3E+09	YES	2E+07	3	1756574	0	76.5	2113.5	633592	2190	5462	29
4	5.3E+09	YES	5E+06	1	3178884	786528	65.2	1271.8	0	1337	---	---
4	5.3E+09	YES	5E+06	2	3180221	0	65.2	4059.8	5462	4125	5462	144
5	5.3E+09	YES	8E+06	1	3244428	54620	50.9	1675.1	0	1726	---	---
5	5.3E+09	YES	8E+06	2	3246154	0	50.9	1934.1	0	1985	---	---
5	5.3E+09	YES	8E+06	3	3248139	0	50.9	1700.1	737370	1751	5462	10
6	5.3E+09	YES	1E+07	1	4435144	447884	98.2	1140.8	0	1239	---	---
6	5.3E+09	YES	1E+07	2	4436383	0	98.2	4124.8	344106	4223	5462	82
7	5.3E+09	YES	9E+06	1	4866642	81930	74.1	1872.9	0	1947	---	---

STATISTICAL PERFORMANCE CHECK - WORKING RADIO 48 kHz

NORTHWEST EMC

XMit 2015.01.14

Profile Type	USA 'Bin 5'
Profile Freq (Hz)	5.3E+09
ARB Sample Rate (Hz)	1E+08
Pulse Power (dBm)	5

Burst Number	Frequency (Hz)	Burst Seen?	Chirp BW (Hz)	Pulse Number	Start Time (usecs)	Lead Blank Time (usecs)	PW (usecs)	Off Time (usecs)	Trail Blank Time (usecs)	Pulse Active Time (on+off, usecs)	Total Burst Active Time (usecs)	Number Lead Blank Reps
1	5.3E+09	YES	2E+07	1	245293	245293	80.3	1073.7	0	1154	---	---
1	5.3E+09	YES	2E+07	2	246447	0	80.3	3984.7	454053	4065	5219	47
2	5.3E+09	YES	2E+07	1	1367378	662813	93.6	1861.4	0	1955	---	---
2	5.3E+09	YES	2E+07	2	1369333	0	93.6	3170.4	36533	3264	5219	127
3	5.3E+09	YES	1E+07	1	1607452	198322	68.3	5150.7	501024	5219	5219	38

STATISTICAL PERFORMANCE CHECK - WORKING RADIO 48 kHz

XMit 2015.01.14

Profile Type	USA 'Bin 5'
Profile Freq (Hz)	5.3E+09
ARB Sample Rate (Hz)	1E+08
Pulse Power (dBm)	5

Burst Number	Frequency (Hz)	Burst Seen?	Chirp BW (Hz)	Pulse Number	Start Time (usecs)	Lead Blank Time (usecs)	PW (usecs)	Off Time (usecs)	Trail Blank Time (usecs)	Pulse Active Time (on+off, usecs)	Total Burst Active Time (usecs)	Number Lead Blank Reps
1	5.3E+09	YES	1E+07	1	200640	200640	53.3	1383.7	0	1437	---	---
1	5.3E+09	YES	1E+07	2	202077	0	53.3	1151.7	0	1205	---	---
1	5.3E+09	YES	1E+07	3	203282	0	53.3	1864.7	1126320	1918	4560	44
2	5.3E+09	YES	1E+07	1	1436400	104880	77	4483	1222080	4560	4560	23
3	5.3E+09	YES	1E+07	1	3707280	1044240	97.7	1701.3	0	1799	---	---
3	5.3E+09	YES	1E+07	2	3709079	0	97.7	2663.3	282720	2761	4560	229
4	5.3E+09	YES	2E+07	1	4974960	980400	61.4	4498.6	346560	4560	4560	215

STATISTICAL PERFORMANCE CHECK - WORKING RADIO 48 kHz

NORTHWEST EMC

XMit 2015.01.14

Profile Type	USA 'Bin 5'
Profile Freq (Hz)	5.3E+09
ARB Sample Rate (Hz)	1E+08
Pulse Power (dBm)	5

Burst Number	Frequency (Hz)	Burst Seen?	Chirp BW (Hz)	Pulse Number	Start Time (usecs)	Lead Blank Time (usecs)	PW (usecs)	Off Time (usecs)	Trail Blank Time (usecs)	Pulse Active Time (on+off, usecs)	Total Burst Active Time (usecs)	Number Lead Blank Reps
1	5.3E+09	YES	2E+07	1	100130	100130	79.5	5190.5	521730	5270	5270	19
2	5.3E+09	YES	6E+06	1	906440	279310	80.7	5189.3	342550	5270	5270	53
3	5.3E+09	YES	2E+07	1	1702210	447950	91.2	1283.8	0	1375	---	---
3	5.3E+09	YES	2E+07	2	1703585	0	91.2	1682.8	0	1774	---	---
3	5.3E+09	YES	2E+07	3	1705359	0	91.2	2029.8	173910	2121	5270	85

STATISTICAL PERFORMANCE CHECK - WORKING RADIO 48 kHz

NORTHWEST EMC

XMit 2015.01.14

Profile Type	USA 'Bin 5'
Profile Freq (Hz)	5.29E+09
ARB Sample Rate (Hz)	1E+08
Pulse Power (dBm)	5

Burst Number	Frequency (Hz)	Burst Seen?	Chirp BW (Hz)	Pulse Number	Start Time (usecs)	Lead Blank Time (usecs)	PW (usecs)	Off Time (usecs)	Trail Blank Time (usecs)	Pulse Active Time (on+off, usecs)	Total Burst Active Time (usecs)	Number Lead Blank Reps
1	5.29E+09	YES	2E+07	1	319900	319900	56.4	4513.6	274200	4570	4570	70
2	5.29E+09	YES	9E+06	1	891150	292480	87.9	1368.1	0	1456	---	---
2	5.29E+09	YES	9E+06	2	892606	0	87.9	982.1	0	1070	---	---
2	5.29E+09	YES	9E+06	3	893676	0	87.9	1956.1	301620	2044	4570	64
3	5.29E+09	YES	8E+06	1	1476110	278770	90.7	1120.3	0	1211	---	---
3	5.29E+09	YES	8E+06	2	1477321	0	90.7	3268.3	315330	3359	4570	61
4	5.29E+09	YES	9E+06	1	1864560	68550	92.5	1521.5	0	1614	---	---
4	5.29E+09	YES	9E+06	2	1866174	0	92.5	1783.5	0	1876	---	---
4	5.29E+09	YES	9E+06	3	1868050	0	92.5	987.5	525550	1080	4570	15
5	5.29E+09	YES	1E+07	1	2710010	315330	78.6	956.4	0	1035	---	---
5	5.29E+09	YES	1E+07	2	2711045	0	78.6	3456.4	278770	3535	4570	69
6	5.29E+09	YES	1E+07	1	3061900	68550	61.6	1891.4	0	1953	---	---
6	5.29E+09	YES	1E+07	2	3063853	0	61.6	2555.4	525550	2617	4570	15

STATISTICAL PERFORMANCE CHECK - WORKING RADIO 48 kHz

NORTHWEST EMC

XMit 2015.01.14

Profile Type	USA 'Bin 5'
Profile Freq (Hz)	5.29E+09
ARB Sample Rate (Hz)	1E+08
Pulse Power (dBm)	5

Burst Number	Frequency (Hz)	Burst Seen?	Chirp BW (Hz)	Pulse Number	Start Time (usecs)	Lead Blank Time (usecs)	PW (usecs)	Off Time (usecs)	Trail Blank Time (usecs)	Pulse Active Time (on+off, usecs)	Total Burst Active Time (usecs)	Number Lead Blank Reps
1	5.29E+09	YES	2E+07	1	312774	312774	88.6	4650.4	478639	4739	4739	66
2	5.29E+09	YES	2E+07	1	976234	180082	62.4	1109.6	0	1172	---	---
2	5.29E+09	YES	2E+07	2	977406	0	62.4	3504.6	611331	3567	4739	38
3	5.29E+09	YES	1E+07	1	1838732	246428	52.2	4686.8	544985	4739	4739	52
4	5.29E+09	YES	1E+07	1	3080350	691894	54.1	1408.9	0	1463	---	---
4	5.29E+09	YES	1E+07	2	3081813	0	54.1	3221.9	99519	3276	4739	146
5	5.29E+09	YES	1E+07	1	3426297	241689	74.1	1505.9	0	1580	---	---
5	5.29E+09	YES	1E+07	2	3427877	0	74.1	3084.9	549724	3159	4739	51

STATISTICAL PERFORMANCE CHECK - WORKING RADIO 48 kHz

NORTHWEST EMC

XMit 2015.01.14

Profile Type	USA 'Bin 5'
Profile Freq (Hz)	5.29E+09
ARB Sample Rate (Hz)	1E+08
Pulse Power (dBm)	5

Burst Number	Frequency (Hz)	Burst Seen?	Chirp BW (Hz)	Pulse Number	Start Time (usecs)	Lead Blank Time (usecs)	PW (usecs)	Off Time (usecs)	Trail Blank Time (usecs)	Pulse Active Time (on+off, usecs)	Total Burst Active Time (usecs)	Number Lead Blank Reps
1	5.29E+09	YES	6E+06	1	379637	379637	73.6	1523.4	0	1597	---	---
1	5.29E+09	YES	6E+06	2	381234	0	73.6	3676.4	946419	3750	5347	71
2	5.29E+09	YES	2E+07	1	1331403	0	96.6	1838.4	0	1935	---	---
2	5.29E+09	YES	2E+07	2	1333338	0	96.6	3315.4	1326056	3412	5347	0
3	5.29E+09	YES	2E+07	1	2684194	21388	67.6	1698.4	0	1766	---	---
3	5.29E+09	YES	2E+07	2	2685960	0	67.6	3513.4	1304668	3581	5347	4
4	5.29E+09	YES	1E+07	1	4224130	229921	52.8	5294.2	1096135	5347	5347	43
5	5.29E+09	YES	2E+07	1	5999334	673722	91.4	1774.6	0	1866	---	---
5	5.29E+09	YES	2E+07	2	6001200	0	91.4	1880.6	0	1972	---	---
5	5.29E+09	YES	2E+07	3	6003172	0	91.4	1417.6	652334	1509	5347	126
6	5.29E+09	YES	9E+06	1	6667709	10694	97.2	5249.8	1315362	5347	5347	2
7	5.29E+09	YES	1E+07	1	8640752	652334	61.3	1151.7	0	1213	---	---
7	5.29E+09	YES	1E+07	2	8641965	0	61.3	1198.7	0	1260	---	---
7	5.29E+09	YES	1E+07	3	8643225	0	61.3	2812.7	673722	2874	5347	122
8	5.29E+09	YES	2E+07	1	10073748	753927	71.6	934.4	0	1006	---	---

STATISTICAL PERFORMANCE CHECK - WORKING RADIO 48 kHz

NORTHWEST EMC

XMit 2015.01.14

Profile Type	USA 'Bin 5'
Profile Freq (Hz)	5.29E+09
ARB Sample Rate (Hz)	1E+08
Pulse Power (dBm)	5

Burst Number	Frequency (Hz)	Burst Seen?	Chirp BW (Hz)	Pulse Number	Start Time (usecs)	Lead Blank Time (usecs)	PW (usecs)	Off Time (usecs)	Trail Blank Time (usecs)	Pulse Active Time (on+off, usecs)	Total Burst Active Time (usecs)	Number Lead Blank Reps
1	5.29E+09	YES	2E+07	1	188352	188352	94.8	1693.2	0	1788	---	---
1	5.29E+09	YES	2E+07	2	190140	0	94.8	1754.2	0	1849	---	---
1	5.29E+09	YES	2E+07	3	191989	0	94.8	1500.2	402864	1595	5232	36
2	5.29E+09	YES	1E+07	1	748176	151728	80.1	1748.9	0	1829	---	---
2	5.29E+09	YES	1E+07	2	750005	0	80.1	1313.9	0	1394	---	---
2	5.29E+09	YES	1E+07	3	751399	0	80.1	1928.9	439488	2009	5232	29
3	5.29E+09	YES	1E+07	1	1752720	559824	78.2	5153.8	31392	5232	5232	107
4	5.29E+09	YES	5E+06	1	2019552	230208	64.9	5167.1	361008	5232	5232	44
5	5.29E+09	YES	1E+07	1	2893296	507504	73.1	1235.9	0	1309	---	---
5	5.29E+09	YES	1E+07	2	2894605	0	73.1	1837.9	0	1911	---	---
5	5.29E+09	YES	1E+07	3	2896516	0	73.1	1938.9	83712	2012	5232	97

STATISTICAL PERFORMANCE CHECK - WORKING RADIO 48 kHz

NORTHWEST EMC

XMit 2015.01.14

Profile Type	USA 'Bin 5'
Profile Freq (Hz)	5.29E+09
ARB Sample Rate (Hz)	1E+08
Pulse Power (dBm)	5

Burst Number	Frequency (Hz)	Burst Seen?	Chirp BW (Hz)	Pulse Number	Start Time (usecs)	Lead Blank Time (usecs)	PW (usecs)	Off Time (usecs)	Trail Blank Time (usecs)	Pulse Active Time (on+off, usecs)	Total Burst Active Time (usecs)	Number Lead Blank Reps
1	5.29E+09	YES	5E+06	1	59070	59070	88.7	1197.3	0	1286	---	---
1	5.29E+09	YES	5E+06	2	60356	0	88.7	3995.3	1025670	4084	5370	11
2	5.29E+09	YES	1E+07	1	1159920	69810	62.4	1385.6	0	1448	---	---
2	5.29E+09	YES	1E+07	2	1161368	0	62.4	1699.6	0	1762	---	---
2	5.29E+09	YES	1E+07	3	1163130	0	62.4	2097.6	1014930	2160	5370	13
3	5.29E+09	YES	1E+07	1	2663520	483300	84.6	1238.4	0	1323	---	---
3	5.29E+09	YES	1E+07	2	2664843	0	84.6	1166.4	0	1251	---	---
3	5.29E+09	YES	1E+07	3	2666094	0	84.6	2711.4	601440	2796	5370	90
4	5.29E+09	YES	1E+07	1	3399210	128880	89.5	1401.5	0	1491	---	---
4	5.29E+09	YES	1E+07	2	3400701	0	89.5	3789.5	955860	3879	5370	24
5	5.29E+09	YES	1E+07	1	4773930	413490	64.6	5305.4	671250	5370	5370	77
6	5.29E+09	YES	6E+06	1	6111060	660510	52.7	1582.3	0	1635	---	---

STATISTICAL PERFORMANCE CHECK - WORKING RADIO 48 kHz

NORTHWEST EMC

XMit 2015.01.14

Profile Type	USA 'Bin 5'
Profile Freq (Hz)	5.29E+09
ARB Sample Rate (Hz)	1E+08
Pulse Power (dBm)	5

Burst Number	Frequency (Hz)	Burst Seen?	Chirp BW (Hz)	Pulse Number	Start Time (usecs)	Lead Blank Time (usecs)	PW (usecs)	Off Time (usecs)	Trail Blank Time (usecs)	Pulse Active Time (on+off, usecs)	Total Burst Active Time (usecs)	Number Lead Blank Reps
1	5.29E+09	YES	1E+07	1	781952	781952	51.6	1947.4	0	1999	---	---
1	5.29E+09	YES	1E+07	2	783951	0	51.6	2717.4	209792	2769	4768	164
2	5.29E+09	YES	9E+06	1	1506688	510176	86	1673	0	1759	---	---
2	5.29E+09	YES	9E+06	2	1508447	0	86	1211	0	1297	---	---
2	5.29E+09	YES	9E+06	3	1509744	0	86	1626	481568	1712	4768	107
3	5.29E+09	YES	2E+07	1	2121760	128736	84.2	1365.8	0	1450	---	---
3	5.29E+09	YES	2E+07	2	2123210	0	84.2	3233.8	863008	3318	4768	27
4	5.29E+09	YES	2E+07	1	3452032	462496	57.1	4710.9	529248	4768	4768	97
5	5.29E+09	YES	1E+07	1	4758464	772416	86.1	1857.9	0	1944	---	---
5	5.29E+09	YES	1E+07	2	4760408	0	86.1	2737.9	219328	2824	4768	162
6	5.29E+09	YES	2E+07	1	5487968	505408	68.5	1768.5	0	1837	---	---
6	5.29E+09	YES	2E+07	2	5489805	0	68.5	2862.5	486336	2931	4768	106
7	5.29E+09	YES	6E+06	1	6718112	739040	98.2	1663.8	0	1762	---	---
7	5.29E+09	YES	6E+06	2	6719874	0	98.2	2907.8	252704	3006	4768	155
8	5.29E+09	YES	1E+07	1	7647872	672288	56.8	961.2	0	1018	---	---
8	5.29E+09	YES	1E+07	2	7648890	0	56.8	3693.2	319456	3750	4768	141
9	5.29E+09	YES	2E+07	1	8234336	262240	52.4	1882.6	0	1935	---	---

STATISTICAL PERFORMANCE CHECK - WORKING RADIO 48 kHz

NORTHWEST EMC

XMit 2015.01.14

Profile Type	USA 'Bin 5'
Profile Freq (Hz)	5.3E+09
ARB Sample Rate (Hz)	1E+08
Pulse Power (dBm)	5

Burst Number	Frequency (Hz)	Burst Seen?	Chirp BW (Hz)	Pulse Number	Start Time (usecs)	Lead Blank Time (usecs)	PW (usecs)	Off Time (usecs)	Trail Blank Time (usecs)	Pulse Active Time (on+off, usecs)	Total Burst Active Time (usecs)	Number Lead Blank Reps
1	5.3E+09	YES	2E+07	1	143038	143038	90.7	1165.3	0	1256	---	---
1	5.3E+09	YES	2E+07	2	144294	0	90.7	2860.3	483805	2951	4207	34
2	5.3E+09	YES	2E+07	1	702569	71519	87.6	945.4	0	1033	---	---
2	5.3E+09	YES	2E+07	2	703602	0	87.6	3086.4	555324	3174	4207	17
3	5.3E+09	YES	9E+06	1	1615488	353388	95.7	1850.3	0	1946	---	---
3	5.3E+09	YES	9E+06	2	1617434	0	95.7	2165.3	273455	2261	4207	84
4	5.3E+09	YES	6E+06	1	2019360	126210	52.2	4154.8	500633	4207	4207	30
5	5.3E+09	YES	1E+07	1	2583098	58898	61	1261	0	1322	---	---
5	5.3E+09	YES	1E+07	2	2584420	0	61	2824	567945	2885	4207	14
6	5.3E+09	YES	1E+07	1	3256218	100968	66.3	1001.7	0	1068	---	---
6	5.3E+09	YES	1E+07	2	3257286	0	66.3	3072.7	525875	3139	4207	24
7	5.3E+09	YES	1E+07	1	4211207	424907	62.4	1489.6	0	1552	---	---
7	5.3E+09	YES	1E+07	2	4212759	0	62.4	2592.6	201936	2655	4207	101

STATISTICAL PERFORMANCE CHECK - WORKING RADIO 48 kHz

NORTHWEST EMC

XMit 2015.01.14

Profile Type	USA 'Bin 5'
Profile Freq (Hz)	5.3E+09
ARB Sample Rate (Hz)	1E+08
Pulse Power (dBm)	5

Burst Number	Frequency (Hz)	Burst Seen?	Chirp BW (Hz)	Pulse Number	Start Time (usecs)	Lead Blank Time (usecs)	PW (usecs)	Off Time (usecs)	Trail Blank Time (usecs)	Pulse Active Time (on+off, usecs)	Total Burst Active Time (usecs)	Number Lead Blank Reps
1	5.3E+09	YES	2E+07	1	246344	246344	65.1	1789.9	0	1855	---	---
1	5.3E+09	YES	2E+07	2	248199	0	65.1	2727.9	1245664	2793	4648	53
2	5.3E+09	YES	2E+07	1	1650040	153384	83.5	919.5	0	1003	---	---
2	5.3E+09	YES	2E+07	2	1651043	0	83.5	3561.5	1338624	3645	4648	33
3	5.3E+09	YES	2E+07	1	3755584	762272	70.1	4577.9	729736	4648	4648	164
4	5.3E+09	YES	2E+07	1	5865776	1375808	70.5	1573.5	0	1644	---	---
4	5.3E+09	YES	2E+07	2	5867420	0	70.5	2933.5	116200	3004	4648	296
5	5.3E+09	YES	2E+07	1	6576920	590296	57.3	1090.7	0	1148	---	---
5	5.3E+09	YES	2E+07	2	6578068	0	57.3	3442.7	901712	3500	4648	127
6	5.3E+09	YES	6E+06	1	8928808	1445528	75.4	4572.6	46480	4648	4648	311

STATISTICAL PERFORMANCE CHECK - WORKING RADIO 48 kHz

NORTHWEST EMC

XMit 2015.01.14

Profile Type	USA 'Bin 5'
Profile Freq (Hz)	5.3E+09
ARB Sample Rate (Hz)	1E+08
Pulse Power (dBm)	5

Burst Number	Frequency (Hz)	Burst Seen?	Chirp BW (Hz)	Pulse Number	Start Time (usecs)	Lead Blank Time (usecs)	PW (usecs)	Off Time (usecs)	Trail Blank Time (usecs)	Pulse Active Time (on+off, usecs)	Total Burst Active Time (usecs)	Number Lead Blank Reps
1	5.3E+09	YES	9E+06	1	1084283	1084283	86.5	971.5	0	1058	---	---
1	5.3E+09	YES	9E+06	2	1085341	0	86.5	3074.5	244702	3161	4219	257
2	5.3E+09	YES	1E+07	1	1755104	421900	98	4121	907085	4219	4219	100
3	5.3E+09	YES	2E+07	1	3172688	506280	91.9	1663.1	0	1755	---	---
3	5.3E+09	YES	2E+07	2	3174443	0	91.9	2372.1	822705	2464	4219	120
4	5.3E+09	YES	2E+07	1	4079773	80161	50.3	1438.7	0	1489	---	---
4	5.3E+09	YES	2E+07	2	4081262	0	50.3	2679.7	1248824	2730	4219	19
5	5.3E+09	YES	5E+06	1	6176616	843800	57.8	1074.2	0	1132	---	---
5	5.3E+09	YES	5E+06	2	6177748	0	57.8	1398.2	0	1456	---	---
5	5.3E+09	YES	5E+06	3	6179204	0	57.8	1573.2	485185	1631	4219	200
6	5.3E+09	YES	8E+06	1	7231366	565346	81	1027	0	1108	---	---
6	5.3E+09	YES	8E+06	2	7232474	0	81	1795	0	1876	---	---
6	5.3E+09	YES	8E+06	3	7234350	0	81	1154	763639	1235	4219	134
7	5.3E+09	YES	2E+07	1	8265021	265797	63.2	1380.8	0	1444	---	---
7	5.3E+09	YES	2E+07	2	8266465	0	63.2	2711.8	1063188	2775	4219	63
8	5.3E+09	YES	1E+07	1	9644634	312206	87.4	1911.6	0	1999	---	---

STATISTICAL PERFORMANCE CHECK - WORKING RADIO 48 kHz

NORTHWEST EMC

XMit 2015.01.14

FCC-Type 6, Trial 1 of 3
All Frequencies in MHz

Trial #1	Trial #2	Trial #3	Trial #4	Trial #5	Trial #6	Trial #7	Trial #8	Trial #9	Trial #10	Trial #11	Trial #12	Trial #13
PASS	PASS	PASS	PASS	PASS	PASS	PASS	PASS	PASS	PASS	PASS	PASS	PASS
5283	5652	5581	5309	5590	5629	5694	5612	5590	5674	5572	5675	5275
5315	5667	5252	5503	5323	5615	5659	5620	5613	5622	5703	5514	5300
5591	5596	5671	5597	5538	5513	5584	5643	5572	5599	5495	5543	5615
5569	5682	5575	5514	5639	5310	5657	5710	5300	5272	5546	5251	5328
5583	5529	5290	5618	5562	5270	5494	5550	5663	5585	5289	5563	5511
5264	5637	5630	5255	5535	5498	5664	5304	5598	5307	5552	5659	5573
5606	5631	5707	5511	5685	5609	5543	5698	5326	5666	5503	5602	5326
5534	5599	5508	5297	5635	5677	5325	5301	5681	5568	5639	5531	5679
5289	5591	5314	5596	5591	5518	5672	5562	5531	5583	5500	5265	5529
5496	5571	5592	5576	5607	5540	5314	5250	5564	5628	5541	5320	5684
5594	5581	5696	5324	5698	5641	5607	5663	5514	5626	5254	5525	5567
5308	5649	5605	5518	5270	5281	5671	5539	5556	5517	5616	5710	5537
5301	5639	5550	5666	5585	5592	5259	5312	5518	5638	5687	5656	5542
5644	5307	5562	5706	5652	5562	5564	5286	5302	5554	5613	5276	5318
5589	5541	5577	5654	5552	5651	5298	5324	5288	5509	5260	5326	5621
5521	5516	5311	5502	5315	5322	5641	5319	5265	5596	5295	5512	5667
5624	5300	5505	5305	5299	5705	5609	5508	5263	5553	5264	5669	5563
5684	5522	5681	5653	5266	5524	5593	5645	5627	5680	5569	5254	5504
5545	5317	5545	5639	5644	5279	5515	5516	5291	5706	5645	5629	5599
5562	5686	5678	5284	5670	5584	5545	5665	5552	5557	5693	5286	5302
5539	5565	5627	5263	5578	5689	5506	5685	5668	5326	5299	5588	5608
5567	5616	5517	5506	5665	5318	5509	5280	5622	5302	5538	5253	5538
5705	5491	5628	5552	5676	5550	5491	5683	5577	5698	5607	5526	5266
5259	5290	5632	5261	5513	5267	5598	5328	5314	5692	5523	5569	5545
5611	5671	5608	5492	5524	5652	5271	5702	5664	5665	5286	5537	5280
5689	5709	5646	5277	5617	5587	5589	5709	5262	5567	5511	5685	5683
5262	5292	5301	5573	5674	5607	5532	5285	5268	5639	5637	5533	5601
5673	5316	5688	5665	5264	5643	5692	5274	5325	5656	5669	5564	5681
5658	5619	5516	5318	5542	5634	5530	5271	5554	5316	5601	5510	5320
5575	5285	5673	5580	5605	5549	5287	5532	5676	5579	5581	5287	5515
5618	5531	5613	5300	5491	5691	5563	5605	5509	5534	5539	5608	5659
5617	5632	5321	5700	5688	5603	5581	5283	5698	5636	5619	5704	5614
5297	5490	5264	5512	5500	5558	5695	5521	5519	5577	5279	5697	5595
5620	5303	5706	5520	5611	5268	5279	5528	5625	5623	5534	5266	5645
5275	5618	5680	5307	5684	5646	5272	5320	5560	5490	5624	5668	5531
5330	5672	5285	5252	5618	5699	5610	5657	5657	5703	5700	5637	5499
5522	5681	5261	5616	5568	5510	5642	5687	5587	5513	5265	5639	5519
5316	5318	5300	5490	5302	5329	5565	5305	5512	5505	5599	5556	5317
5547	5325	5491	5708	5705	5262	5521	5551	5584	5699	5591	5631	5517
5284	5498	5263	5584	5656	5544	5555	5537	5299	5523	5656	5311	5593
5516	5609	5560	5330	5600	5565	5288	5322	5536	5642	5662	5577	5267
5691	5628	5614	5625	5679	5681	5254	5630	5296	5679	5584	5674	5506
5578	5685	5700	5301	5511	5605	5537	5501	5545	5565	5697	5316	5587
5651	5328	5668	5682	5706	5527	5327	5624	5609	5641	5507	5530	5306
5261	5302	5654	5648	5321	5500	5500	5509	5537	5504	5532	5508	5527
5302	5281	5662	5695	5306	5547	5284	5622	5640	5696	5655	5671	5496
5529	5273	5583	5304	5307	5610	5257	5631	5581	5305	5560	5521	5575
5551	5323	5641	5606	5493	5612	5264	5287	5687	5555	5326	5554	5600
5693	5613	5621	5599	5575	5534	5569	5602	5305	5319	5547	5566	5624
5506	5597	5665	5684	5624	5283	5688	5272	5618	5589	5647	5615	5591
5681	5675	5272	5271	5544	5505	5303	5658	5617	5649	5492	5500	5553
5300	5260	5584	5561	5598	5663	5611	5608	5706	5655	5681	5304	5530
5679	5554	5490	5651	5530	5302	5557	5642	5645	5274	5529	5571	5664
5584	5630	5708	5655	5660	5308	5630	5701	5578	5659	5274	5256	5278
5530	5284	5327	5534	5543	5563	5590	5590	5688	5295	5658	5640	5321
5512	5608	5580	5693	5569	5710	5504	5282	5277	5631	5527	5250	5605
5524	5509	5494	5294	5281	5293	5535	5260	5695	5588	5596	5264	5663
5585	5564	5634	5569	5512	5296	5552	5298	5520	5657	5303	5258	5611

STATISTICAL PERFORMANCE CHECK - WORKING RADIO 48 kHz

NORTHWEST EMC

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FCC-Type 6, Trial 2 of 3
All Frequencies in MHz

Trial #14	Trial #15	Trial #16	Trial #17	Trial #18	Trial #19	Trial #20	Trial #21	Trial #22	Trial #23	Trial #24	Trial #25	Trial #26
PASS	PASS	PASS	PASS	PASS	PASS	PASS	PASS	PASS	PASS	PASS	PASS	PASS
5305	5679	5294	5555	5573	5262	5283	5588	5599	5689	5683	5512	5280
5315	5689	5292	5269	5549	5658	5272	5306	5547	5497	5687	5701	5651
5668	5531	5686	5526	5622	5314	5510	5537	5492	5661	5538	5288	5659
5650	5656	5330	5678	5522	5522	5537	5262	5614	5563	5298	5313	5527
5690	5507	5600	5278	5289	5294	5287	5318	5645	5251	5270	5520	5653
5630	5310	5593	5495	5566	5301	5281	5607	5581	5532	5499	5559	5682
5592	5573	5616	5657	5676	5690	5265	5250	5630	5642	5677	5492	5624
5705	5685	5554	5268	5588	5694	5611	5517	5306	5707	5301	5576	5490
5254	5575	5577	5510	5564	5517	5645	5280	5566	5272	5597	5524	5529
5548	5270	5605	5260	5546	5297	5289	5520	5564	5631	5318	5326	5710
5564	5620	5324	5568	5571	5307	5543	5524	5568	5699	5604	5632	5508
5621	5586	5521	5667	5320	5330	5271	5617	5618	5258	5505	5525	5560
5295	5528	5607	5706	5535	5544	5679	5604	5631	5649	5528	5611	5310
5704	5678	5259	5649	5260	5563	5278	5672	5301	5663	5556	5710	5250
5321	5558	5606	5275	5506	5635	5626	5511	5708	5302	5494	5261	5498
5609	5651	5664	5695	5307	5594	5685	5304	5578	5609	5254	5636	5320
5680	5629	5570	5553	5579	5539	5330	5498	5299	5313	5642	5309	5277
5570	5511	5256	5652	5516	5550	5641	5656	5289	5674	5630	5617	5514
5643	5690	5632	5653	5523	5618	5649	5707	5562	5310	5641	5629	5627
5676	5269	5323	5307	5613	5578	5259	5639	5606	5638	5514	5586	5664
5565	5637	5274	5655	5665	5494	5694	5288	5586	5299	5495	5630	5572
5507	5318	5698	5676	5273	5686	5654	5541	5698	5668	5567	5654	5707
5674	5490	5276	5591	5590	5493	5569	5671	5510	5283	5697	5281	5657
5688	5631	5504	5618	5491	5647	5627	5572	5328	5562	5709	5702	5570
5525	5513	5493	5288	5708	5498	5613	5513	5277	5256	5618	5600	5584
5568	5314	5277	5505	5300	5634	5494	5649	5527	5569	5681	5669	5281
5667	5641	5542	5550	5606	5616	5677	5329	5516	5309	5643	5704	5274
5508	5557	5639	5687	5319	5679	5513	5290	5565	5278	5699	5304	5500
5536	5330	5517	5329	5661	5707	5503	5298	5493	5634	5320	5537	5254
5642	5698	5684	5508	5278	5311	5665	5648	5661	5557	5554	5319	5564
5573	5274	5309	5663	5630	5265	5499	5301	5659	5311	5600	5612	5623
5272	5535	5610	5549	5642	5518	5540	5569	5639	5612	5644	5584	5275
5498	5275	5515	5524	5710	5274	5579	5670	5600	5296	5659	5490	5636
5641	5307	5619	5506	5691	5295	5548	5658	5511	5323	5252	5257	5641
5678	5640	5578	5318	5562	5558	5617	5259	5503	5599	5534	5622	5523
5539	5686	5557	5632	5527	5527	5532	5695	5302	5583	5300	5294	5625
5615	5705	5538	5559	5572	5709	5584	5500	5253	5621	5536	5503	5309
5328	5319	5313	5640	5557	5602	5496	5294	5595	5602	5510	5640	5519
5612	5618	5497	5699	5678	5608	5562	5622	5522	5526	5631	5631	5305
5607	5692	5700	5593	5685	5598	5568	5323	5518	5312	5656	5649	5323
5585	5502	5621	5587	5267	5530	5527	5687	5628	5559	5710	5674	5312
5524	5563	5502	5622	5310	5271	5682	5708	5571	5694	5273	5641	5703
5662	5707	5702	5502	5574	5691	5669	5580	5318	5268	5665	5262	5263
5255	5328	5302	5641	5688	5543	5324	5566	5695	5560	5647	5278	5536
5647	5541	5547	5628	5294	5559	5270	5602	5655	5577	5521	5297	5272
5663	5536	5688	5624	5577	5624	5528	5565	5635	5594	5629	5496	5538
5327	5567	5507	5520	5610	5260	5328	5314	5266	5665	5267	5698	5631
5591	5520	5310	5704	5584	5277	5619	5697	5293	5652	5621	5583	5614
5259	5703	5680	5285	5268	5557	5701	5690	5534	5273	5281	5330	5601
5306	5323	5512	5289	5651	5668	5252	5597	5705	5304	5573	5327	5600
5571	5316	5290	5702	5583	5303	5550	5322	5272	5630	5299	5306	5574
5258	5706	5551	5326	5654	5285	5329	5267	5626	5610	5493	5289	5255
5280	5599	5615	5323	5326	5316	5561	5516	5642	5614	5596	5686	5694
5284	5607	5282	5573	5698	5570	5566	5263	5317	5255		5546	5324
5546	5509	5642	5680		5586	5519	5495	5707	5330		5256	5672
5279	5496	5286	5635		5497	5277	5543	5533	5282		5684	5553
5271	5321	5641	5708		5501	5670	5618	5303	5585		5648	5602
5264	5696	5624	5500		5664	5295	5553	5561	5284		5625	5690
5697	5523	5595	5287		5670	5657	5254	5658	5551		5592	5668
5495	5255	5596	5614		5273	5517	5275	5593	5709		5699	5545
5616	5684	5574	5274		5255	5563	5592	5706	5269		5296	5644
5527	5556	5614	5710		5569	5284	5297	5294	5648			5578
5604	5661	5296	5668		5689	5582	5710	5560	5600			5284

STATISTICAL PERFORMANCE CHECK - WORKING RADIO 48 kHz

NORTHWEST EMC

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FCC-Type 6, Trial 3 of 3
All Frequencies in MHz

Trial #27	Trial #28	Trial #29	Trial #30
PASS	PASS	PASS	PASS
5259	5643	5664	5581
5705	5491	5696	5627
5506	5664	5266	5279
5269	5677	5497	5323
5296	5499	5592	5616
5628	5584	5250	5327
5700	5520	5583	5546
5275	5507	5678	5651
5707	5688	5563	5291
5277	5581	5531	5618
5636	5524	5255	5669
5592	5603	5624	5306
5521	5600	5640	5269
5529	5602	5554	5645
5657	5593	5297	5263
5262	5557	5683	5260
5614	5627	5291	5656
5692	5614	5313	5524
5541	5591	5298	5643
5597	5659	5655	5679
5598	5689	5508	5674
5537	5311	5673	5562
5491	5570	5290	5540
5317	5639	5327	5525
5658	5684	5625	5604
5673	5302	5309	5295
5662	5498	5604	5566
5540	5648	5654	5635
5543	5661	5520	5590
5535	5265	5518	5626
5496	5604	5318	5556
5328	5551	5261	5281
5256	5651	5708	5285
5498	5532	5607	5289
5509	5702	5650	5278
5648	5577	5651	5533
5689	5533	5661	5253
5570	5638	5537	5662
5558	5257	5610	5544
5538	5610	5295	5598
5620	5670	5317	5654
5573	5698	5631	5325
5500	5501	5578	5584
5627	5693	5598	5527
5646	5316	5506	5491
5255	5310	5546	5671
5549	5537	5322	5505
5584	5314	5688	5509
5287	5641	5296	5274
5670	5313	5302	5638
5517	5550	5611	5310
5265	5555	5262	5252
5273	5535	5271	5255
5604	5272	5626	5673
5264	5707	5581	5286
5316	5660	5259	5328
5630	5534	5566	5709
5652	5308	5697	5534
5557	5288	5685	5708
5508	5575	5692	5620
5281	5325	5527	5543
5512	5315	5677	5582
5588	5701	5613	5630
5527	5683	5263	5682

STATISTICAL PERFORMANCE CHECK - WORKING RADIO 96 kHz

XMit 2015.01.14

Testing was performed using the mode(s) of operation and configuration(s) noted within the report. The individuals and/or the organization requesting the test provided the modes, configurations and settings used to complete the evaluation. The actual test parameters are specified in the test data, this includes items such as investigated frequency range (scanned) and test levels. The testing methods and performance specifications, as well as the test site used for the evaluation are indicated in the test data.

TEST EQUIPMENT

Description	Manufacturer	Model	ID	Last Cal.	Interval (mo)
Analyzer - Spectrum Analyzer	Keysight	N9010A	AFP	2/13/2016	12
Block - DC	Fairview Microwave	SD3379	AMQ	6/18/2015	12
Attenuator	S.M. Electronics	SA26B-6	AUX	7/15/2015	12
Attenuator	Fairview Microwave	SA26B-10	TWH	5/12/2015	12
Power Divider/Combiner	Fairview Microwave	MP0208-2	IAJ	NCR	0
Power Divider/Combiner	Fairview Microwave	MP0208-2	IAI	NCR	0
Attenuator	Mini Circuits	BW-S10W2	RKI	NCR	0
Attenuator	Fairview Microwave	SA26B-06	TWF	5/12/2015	12
Attenuator	Aeroflex/Weinschel	3053	RKG	NCR	0
Attenuator	Aeroflex/Weinschel	3053	RKF	NCR	0
Directional Coupler	Fairview Microwave	MC2047-10	RGT	NCR	0
Attenuator	Weinschel Corp	3330A-6	AUF	12/23/2015	12
Power Sensor	Gigatronics	80701A	SPL	5/25/2015	12
Meter - Power	Gigatronics	8651A	SPM	5/25/2015	12
Attenuator	S.M. Electronics	SA18N-06/SM4032	REE	10/1/2015	12
Generator - Signal	Keysight	N5182B	TFU	NCR	0
Cable	ESM Cable Corp.	TT	EV1	NCR	0
Generator - Signal	Agilent	V2920A	TIH	NCR	0
Generator - Signal	Benchforge Manufacturing	Colt	TIN	NCR	0

TEST DESCRIPTION

The master and client were connected using the conducted method described in the FCC KDB procedure via a series of splitters and attenuators which allows the radar signals to be injected and monitored. For master devices, the detection level was set prior to testing by temporarily replacing the master device with the analyzer and setting the power level according to Table 3 and Section 7.5. Where required, an approved Media file was streamed between the master and client or an alternative method to load the channel may be used instead. Channel loading requirements were also verified prior to testing. Configuration and status of the master and client devices were then monitored with the spectrum analyzer. Essentially, a move time test is performed on all the necessary radar types to make sure the master and client vacate the channel when a radar signal is injected. Numerous trials are performed for each radar type to establish a statistical analysis of detection probability, and the guidelines of section 7.8.4 of the procedure were used to calculate the data and determine if the results passed.

STATISTICAL PERFORMANCE CHECK - WORKING RADIO 96 kHz

NORTHWEST EMC

XMit 2015.01.14

EUT:	Sherwood XC			**Work Order:**	FOCU0212
Serial Number:	02EA3F000C28			**Date:**	04/28/16
Customer:	Summit Semiconductor LLC			**Temperature:**	22.8°C
Attendees:	David Schilling			**Humidity:**	46%
Project:	None			**Barometric Pres.:**	1010.7
Tested by:	Brandon Hobbs	**Power:**	1.2VDC/3.3VDC via 110VAC/60Hz	**Job Site:**	EV06

TEST SPECIFICATIONS	Test Method
FCC 15.407:2016	ANSI C63.10:2013

COMMENTS

The product was operating in isoc mode.

DEVIATIONS FROM TEST STANDARD

None

Configuration #	1	Signature

						Value	Limit	Result
Working Radio								
	96 kHz Sampling Frequency							
		5300 MHz						
		Radar Type 0					100.0%	60.0%	PASS
		Radar Type 1A					100.0%	60.0%	PASS
		Radar Type 1B					86.7%	60.0%	PASS
		Radar Type 2					96.7%	60.0%	PASS
		Radar Type 3					90.0%	60.0%	PASS
		Radar Type 4					86.7%	60.0%	PASS
		Radar Type 1-4 Summary	93.4%	96.7%	90.0%	86.7%	91.7%	80.0%	PASS
		Radar Type 5					100.0%	80.0%	PASS
		Radar Type 6					100.0%	70.0%	PASS

STATISTICAL PERFORMANCE CHECK - WORKING RADIO 96 kHz

NORTHWEST EMC

XMit 2015.01.14

Working Radio, 96 kHz Sampling Frequency, 5300 MHz, Radar Type 0						
				Value	**Limit**	**Result**
				100.0%	60.0%	PASS

Trial #	Detected
1	PASS
2	PASS
3	PASS
4	PASS
5	PASS
6	PASS
7	PASS
8	PASS
9	PASS
10	PASS
11	PASS
12	PASS
13	PASS
14	PASS
15	PASS
16	PASS
17	PASS
18	PASS
19	PASS
20	PASS
21	PASS
22	PASS
23	PASS
24	PASS
25	PASS
26	PASS
27	PASS
28	PASS
29	PASS
30	PASS

Working Radio, 96 kHz Sampling Frequency, 5300 MHz, Radar Type 1A						
				Value	**Limit**	**Result**
				100.0%	60.0%	PASS

Trial #	Detected
1	PASS
2	PASS
3	PASS
4	PASS
5	PASS
6	PASS
7	PASS
8	PASS
9	PASS
10	PASS
11	PASS
12	PASS
13	PASS
14	PASS
15	PASS

STATISTICAL PERFORMANCE CHECK - WORKING RADIO 96 kHz

NORTHWEST EMC

XMit 2015.01.14

Working Radio, 96 kHz Sampling Frequency, 5300 MHz, Radar Type 1B						
				Value	**Limit**	**Result**
				86.7%	60.0%	PASS

Trial #	Detected
1	PASS
2	PASS
3	PASS
4	FAIL
5	FAIL
6	PASS
7	PASS
8	PASS
9	PASS
10	PASS
11	PASS
12	PASS
13	PASS
14	PASS
15	PASS

Working Radio, 96 kHz Sampling Frequency, 5300 MHz, Radar Type 2						
				Value	**Limit**	**Result**
				96.7%	60.0%	PASS

Trial #	Detected	No. of Pulses Per Burst	Pulse Width (us)	PRI (us)
1	PASS	24	2.400 us	170.000 us
2	PASS	27	1.200 us	153.000 us
3	PASS	29	1.400 us	220.000 us
4	PASS	28	4.700 us	220.000 us
5	PASS	24	1.800 us	229.000 us
6	PASS	23	2.000 us	189.000 us
7	PASS	23	4.300 us	169.000 us
8	PASS	23	3.800 us	218.000 us
9	PASS	26	4.400 us	193.000 us
10	PASS	23	3.000 us	225.000 us
11	PASS	24	2.700 us	188.000 us
12	PASS	26	1.900 us	172.000 us
13	PASS	27	4.800 us	164.000 us
14	PASS	28	1.900 us	183.000 us
15	PASS	27	2.100 us	198.000 us
16	PASS	23	1.000 us	168.000 us
17	PASS	25	3.200 us	168.000 us
18	FAIL	24	3.700 us	150.000 us
19	PASS	27	1.100 us	161.000 us
20	PASS	26	1.000 us	152.000 us
21	PASS	27	1.900 us	188.000 us
22	PASS	26	3.800 us	228.000 us
23	PASS	25	3.100 us	187.000 us
24	PASS	29	1.200 us	164.000 us
25	PASS	25	3.300 us	164.000 us
26	PASS	26	4.200 us	205.000 us
27	PASS	24	4.100 us	179.000 us
28	PASS	26	2.800 us	162.000 us
29	PASS	28	1.200 us	154.000 us
30	PASS	27	1.600 us	169.000 us

STATISTICAL PERFORMANCE CHECK - WORKING RADIO 96 kHz

NORTHWEST EMC

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Working Radio, 96 kHz Sampling Frequency, 5300 MHz, Radar Type 3						
				Value	**Limit**	**Result**
				90.0%	60.0%	PASS

Trial #	Detected	No. of Pulses Per Burst	Pulse Width (us)	PRI (us)
1	PASS	18	7.300 us	226.000 us
2	FAIL	18	6.800 us	331.000 us
3	PASS	16	8.400 us	356.000 us
4	PASS	18	10.000 us	203.000 us
5	PASS	17	6.700 us	269.000 us
6	PASS	18	7.500 us	362.000 us
7	PASS	18	10.000 us	467.000 us
8	PASS	18	7.100 us	319.000 us
9	FAIL	16	9.600 us	200.000 us
10	PASS	16	6.800 us	485.000 us
11	PASS	18	8.600 us	399.000 us
12	PASS	17	6.300 us	216.000 us
13	PASS	16	9.600 us	357.000 us
14	PASS	17	6.900 us	477.000 us
15	PASS	16	8.300 us	485.000 us
16	PASS	17	8.400 us	358.000 us
17	PASS	16	10.000 us	458.000 us
18	PASS	16	9.000 us	367.000 us
19	PASS	16	9.100 us	337.000 us
20	PASS	17	7.100 us	364.000 us
21	PASS	18	9.100 us	333.000 us
22	PASS	16	9.500 us	486.000 us
23	PASS	18	6.800 us	348.000 us
24	PASS	18	6.700 us	460.000 us
25	FAIL	17	6.500 us	493.000 us
26	PASS	18	8.500 us	209.000 us
27	PASS	16	9.600 us	395.000 us
28	PASS	17	9.600 us	277.000 us
29	PASS	17	9.300 us	445.000 us
30	PASS	17	8.300 us	347.000 us

Working Radio, 96 kHz Sampling Frequency, 5300 MHz, Radar Type 4						
				Value	**Limit**	**Result**
				86.7%	60.0%	PASS

Trial #	Detected	No. of Pulses Per Burst	Pulse Width (us)	PRI (us)
1	PASS	13	14.900 us	263.000 us
2	PASS	16	19.100 us	309.000 us
3	PASS	14	12.100 us	420.000 us
4	PASS	16	19.800 us	481.000 us
5	PASS	13	15.000 us	448.000 us
6	PASS	14	18.400 us	435.000 us
7	FAIL	13	14.800 us	249.000 us
8	PASS	13	16.200 us	292.000 us
9	FAIL	13	14.900 us	246.000 us
10	PASS	15	18.500 us	221.000 us
11	PASS	13	17.900 us	277.000 us
12	PASS	15	16.500 us	216.000 us
13	PASS	15	13.600 us	479.000 us
14	PASS	14	11.800 us	448.000 us
15	PASS	15	16.400 us	497.000 us
16	PASS	13	18.900 us	404.000 us
17	PASS	16	16.500 us	230.000 us
18	FAIL	15	15.400 us	309.000 us
19	FAIL	14	14.600 us	218.000 us
20	PASS	14	15.300 us	214.000 us
21	PASS	12	19.500 us	443.000 us
22	PASS	12	13.700 us	372.000 us
23	PASS	16	16.700 us	363.000 us
24	PASS	14	16.300 us	251.000 us
25	PASS	16	12.400 us	289.000 us
26	PASS	16	12.200 us	274.000 us
27	PASS	16	15.200 us	312.000 us
28	PASS	14	18.200 us	271.000 us
29	PASS	13	12.300 us	438.000 us
30	PASS	15	18.500 us	269.000 us

STATISTICAL PERFORMANCE CHECK - WORKING RADIO 96 kHz

NORTHWEST EMC

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Working Radio, 96 kHz Sampling Frequency, 5300 MHz, Radar Type 1-4 Summary							
					Value	Limit	Result
93.35%	96.70%	90%	86.70%	91.7%	80%	PASS	

Working Radio, 96 kHz Sampling Frequency, 5300 MHz, Radar Type 5						
				Value	Limit	Result
				100.0%	80.0%	PASS

Trial #	Detected
1	PASS
2	PASS
3	PASS
4	PASS
5	PASS
6	PASS
7	PASS
8	PASS
9	PASS
10	PASS
11	PASS
12	PASS
13	PASS
14	PASS
15	PASS
16	PASS
17	PASS
18	PASS
19	PASS
20	PASS
21	PASS
22	PASS
23	PASS
24	PASS
25	PASS
26	PASS
27	PASS
28	PASS
29	PASS
30	PASS

STATISTICAL PERFORMANCE CHECK - WORKING RADIO 96 kHz

XMit 2015.01.14

Working Radio, 96 kHz Sampling Frequency, 5300 MHz, Radar Type 6						
				Value	**Limit**	**Result**
				100.0%	70.0%	PASS

Trial #	Detected
1	PASS
2	PASS
3	PASS
4	PASS
5	PASS
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STATISTICAL PERFORMANCE CHECK - WORKING RADIO 96 kHz

NORTHWEST EMC

XMit 2015.01.14

Profile Type	USA 'Bin 5'
Profile Freq (Hz)	5.29E+09
ARB Sample Rate (Hz)	1E+08
Pulse Power (dBm)	5

Burst Number	Frequency (Hz)	Burst Seen?	Chirp BW (Hz)	Pulse Number	Start Time (usecs)	Lead Blank Time (usecs)	PW (usecs)	Off Time (usecs)	Trail Blank Time (usecs)	Pulse Active Time (on+off, usecs)	Total Burst Active Time (usecs)	Number Lead Blank Reps
1	5.29E+09	YES	1E+07	1	529914	529914	73.7	4700.3	553784	4774	4774	111
2	5.29E+09	YES	9E+06	1	1527680	439208	74.6	1755.4	0	1830	---	---
2	5.29E+09	YES	9E+06	2	1529510	0	74.6	2869.4	644490	2944	4774	92
3	5.29E+09	YES	7E+06	1	3236772	1059828	72.8	1655.2	0	1728	---	---
3	5.29E+09	YES	7E+06	2	3238500	0	72.8	2973.2	23870	3046	4774	222
4	5.29E+09	YES	2E+07	1	3489794	224378	87.8	1253.2	0	1341	---	---
4	5.29E+09	YES	2E+07	2	3491135	0	87.8	3345.2	859320	3433	4774	47
5	5.29E+09	YES	1E+07	1	4931542	577654	77.1	1444.9	0	1522	---	---
5	5.29E+09	YES	1E+07	2	4933064	0	77.1	1571.9	0	1649	---	---
5	5.29E+09	YES	1E+07	3	4934713	0	77.1	1525.9	506044	1603	4774	121
6	5.29E+09	YES	5E+06	1	6378064	935704	84.7	1180.3	0	1265	---	---
6	5.29E+09	YES	5E+06	2	6379329	0	84.7	3424.3	147994	3509	4774	196

STATISTICAL PERFORMANCE CHECK - WORKING RADIO 96 kHz

NORTHWEST EMC

XMit 2015.01.14

Profile Type	USA 'Bin 5'
Profile Freq (Hz)	5.29E+09
ARB Sample Rate (Hz)	1E+08
Pulse Power (dBm)	5

Burst Number	Frequency (Hz)	Burst Seen?	Chirp BW (Hz)	Pulse Number	Start Time (usecs)	Lead Blank Time (usecs)	PW (usecs)	Off Time (usecs)	Trail Blank Time (usecs)	Pulse Active Time (on+off, usecs)	Total Burst Active Time (usecs)	Number Lead Blank Reps
1	5.29E+09	YES	1E+07	1	258534	258534	99.9	4778.1	658530	4878	4878	53
2	5.29E+09	YES	7E+06	1	921942	0	76.1	1158.9	0	1235	---	---
2	5.29E+09	YES	7E+06	2	923177	0	76.1	3566.9	917064	3643	4878	0
3	5.29E+09	YES	9E+06	1	2287782	443898	91.9	1193.1	0	1285	---	---
3	5.29E+09	YES	9E+06	2	2289067	0	91.9	1614.1	0	1706	---	---
3	5.29E+09	YES	9E+06	3	2290773	0	91.9	1795.1	473166	1887	4878	91
4	5.29E+09	YES	1E+07	1	3599964	834138	78.9	1446.1	0	1525	---	---
4	5.29E+09	YES	1E+07	2	3601489	0	78.9	1865.1	0	1944	---	---
4	5.29E+09	YES	1E+07	3	3603433	0	78.9	1330.1	82926	1409	4878	171
5	5.29E+09	YES	1E+07	1	4297518	609750	70.8	4807.2	307314	4878	4878	125
6	5.29E+09	YES	1E+07	1	5507262	897552	82.2	4795.8	19512	4878	4878	184

STATISTICAL PERFORMANCE CHECK - WORKING RADIO 96 kHz

NORTHWEST EMC

XMit 2015.01.14

Profile Type	USA 'Bin 5'
Profile Freq (Hz)	5.29E+09
ARB Sample Rate (Hz)	1E+08
Pulse Power (dBm)	5

Burst Number	Frequency (Hz)	Burst Seen?	Chirp BW (Hz)	Pulse Number	Start Time (usecs)	Lead Blank Time (usecs)	PW (usecs)	Off Time (usecs)	Trail Blank Time (usecs)	Pulse Active Time (on+off, usecs)	Total Burst Active Time (usecs)	Number Lead Blank Reps
1	5.29E+09	YES	2E+07	1	108080	108080	97.6	1509.4	0	1607	---	---
1	5.29E+09	YES	2E+07	2	109687	0	97.6	1336.4	0	1434	---	---
1	5.29E+09	YES	2E+07	3	111121	0	97.6	2265.4	1215900	2363	5404	20
2	5.29E+09	YES	1E+07	1	1734684	405300	86.9	1627.1	0	1714	---	---
2	5.29E+09	YES	1E+07	2	1736398	0	86.9	3603.1	918680	3690	5404	75
3	5.29E+09	YES	1E+07	1	3074876	416108	81.2	1074.8	0	1156	---	---
3	5.29E+09	YES	1E+07	2	3076032	0	81.2	4166.8	907872	4248	5404	77
4	5.29E+09	YES	7E+06	1	4458300	470148	95.1	1719.9	0	1815	---	---
4	5.29E+09	YES	7E+06	2	4460115	0	95.1	1009.9	0	1105	---	---
4	5.29E+09	YES	7E+06	3	4461220	0	95.1	2388.9	853832	2484	5404	87

STATISTICAL PERFORMANCE CHECK - WORKING RADIO 96 kHz

NORTHWEST EMC

XMit 2015.01.14

Profile Type	USA 'Bin 5'
Profile Freq (Hz)	5.29E+09
ARB Sample Rate (Hz)	1E+08
Pulse Power (dBm)	5

Burst Number	Frequency (Hz)	Burst Seen?	Chirp BW (Hz)	Pulse Number	Start Time (usecs)	Lead Blank Time (usecs)	PW (usecs)	Off Time (usecs)	Trail Blank Time (usecs)	Pulse Active Time (on+off, usecs)	Total Burst Active Time (usecs)	Number Lead Blank Reps
1	5.29E+09	YES	1E+07	1	508058	508058	79.7	4713.3	153376	4793	4793	106
2	5.29E+09	YES	2E+07	1	690192	23965	91.3	1590.7	0	1682	---	---
2	5.29E+09	YES	2E+07	2	691874	0	91.3	3019.7	637469	3111	4793	5
3	5.29E+09	YES	2E+07	1	1936372	603918	68.9	4724.1	57516	4793	4793	126
4	5.29E+09	YES	5E+06	1	2501946	503265	78.2	4714.8	158169	4793	4793	105
5	5.29E+09	YES	8E+06	1	3182552	517644	66.5	1400.5	0	1467	---	---
5	5.29E+09	YES	8E+06	2	3184019	0	66.5	3259.5	143790	3326	4793	108
6	5.29E+09	YES	1E+07	1	3561199	230064	96.1	1796.9	0	1893	---	---
6	5.29E+09	YES	1E+07	2	3563092	0	96.1	2803.9	431370	2900	4793	48
7	5.29E+09	YES	2E+07	1	4658796	661434	83.6	4709.4	0	4793	4793	138
8	5.29E+09	YES	7E+06	1	5248335	584746	53.3	1018.7	0	1072	---	---
8	5.29E+09	YES	7E+06	2	5249407	0	53.3	3667.7	76688	3721	4793	122
9	5.29E+09	YES	2E+07	1	5540708	210892	94.1	1376.9	0	1471	---	---
9	5.29E+09	YES	2E+07	2	5542179	0	94.1	1195.9	0	1290	---	---
9	5.29E+09	YES	2E+07	3	5543469	0	94.1	1937.9	450542	2032	4793	44

STATISTICAL PERFORMANCE CHECK - WORKING RADIO 96 kHz

NORTHWEST EMC

XMit 2015.01.14

Profile Type	USA 'Bin 5'
Profile Freq (Hz)	5.29E+09
ARB Sample Rate (Hz)	1E+08
Pulse Power (dBm)	5

Burst Number	Frequency (Hz)	Burst Seen?	Chirp BW (Hz)	Pulse Number	Start Time (usecs)	Lead Blank Time (usecs)	PW (usecs)	Off Time (usecs)	Trail Blank Time (usecs)	Pulse Active Time (on+off, usecs)	Total Burst Active Time (usecs)	Number Lead Blank Reps
1	5.29E+09	YES	1E+07	1	203310	203310	53.5	1212.5	0	1266	---	---
1	5.29E+09	YES	1E+07	2	204576	0	53.5	2445.5	647580	2499	3765	54
2	5.29E+09	YES	5E+06	1	1637775	783120	89.2	1137.8	0	1227	---	---
2	5.29E+09	YES	5E+06	2	1639002	0	89.2	2448.8	67770	2538	3765	208
3	5.29E+09	YES	1E+07	1	1923915	214605	71.7	3693.3	636285	3765	3765	57
4	5.29E+09	YES	2E+07	1	3219075	655110	74.8	957.2	0	1032	---	---
4	5.29E+09	YES	2E+07	2	3220107	0	74.8	2658.2	195780	2733	3765	174
5	5.29E+09	YES	8E+06	1	3723585	304965	75.4	1810.6	0	1886	---	---
5	5.29E+09	YES	8E+06	2	3725471	0	75.4	1803.6	545925	1879	3765	81
6	5.29E+09	YES	2E+07	1	4736370	463095	72.9	3692.1	387795	3765	3765	123
7	5.29E+09	YES	6E+06	1	5828220	700290	67.3	1336.7	0	1404	---	---
7	5.29E+09	YES	6E+06	2	5829624	0	67.3	2293.7	150600	2361	3765	186
8	5.29E+09	YES	1E+07	1	6792060	809475	66.3	3698.7	41415	3765	3765	215
9	5.29E+09	YES	2E+07	1	7108320	271080	74.7	1068.3	0	1143	---	---
9	5.29E+09	YES	2E+07	2	7109463	0	74.7	2547.3	579810	2622	3765	72

STATISTICAL PERFORMANCE CHECK - WORKING RADIO 96 kHz

NORTHWEST EMC

XMit 2015.01.14

Profile Type	USA 'Bin 5'
Profile Freq (Hz)	5.29E+09
ARB Sample Rate (Hz)	1E+08
Pulse Power (dBm)	5

Burst Number	Frequency (Hz)	Burst Seen?	Chirp BW (Hz)	Pulse Number	Start Time (usecs)	Lead Blank Time (usecs)	PW (usecs)	Off Time (usecs)	Trail Blank Time (usecs)	Pulse Active Time (on+off, usecs)	Total Burst Active Time (usecs)	Number Lead Blank Reps
1	5.29E+09	YES	1E+07	1	807313	807313	83.4	1839.6	0	1923	---	---
1	5.29E+09	YES	1E+07	2	809236	0	83.4	2770.6	186303	2854	4777	169
2	5.29E+09	YES	2E+07	1	1437877	439484	77.7	1411.3	0	1489	---	---
2	5.29E+09	YES	2E+07	2	1439366	0	77.7	3210.3	554132	3288	4777	92
3	5.29E+09	YES	6E+06	1	2402831	406045	85.6	4691.4	587571	4777	4777	85
4	5.29E+09	YES	1E+07	1	3845485	850306	93	1504	0	1597	---	---
4	5.29E+09	YES	1E+07	2	3847082	0	93	1638	0	1731	---	---
4	5.29E+09	YES	1E+07	3	3848813	0	93	1356	143310	1449	4777	178
5	5.29E+09	YES	5E+06	1	4982411	988839	81.3	4695.7	4777	4777	4777	207

STATISTICAL PERFORMANCE CHECK - WORKING RADIO 96 kHz

NORTHWEST EMC

XMit 2015.01.14

Profile Type	USA 'Bin 5'
Profile Freq (Hz)	5.3E+09
ARB Sample Rate (Hz)	1E+08
Pulse Power (dBm)	5

Burst Number	Frequency (Hz)	Burst Seen?	Chirp BW (Hz)	Pulse Number	Start Time (usecs)	Lead Blank Time (usecs)	PW (usecs)	Off Time (usecs)	Trail Blank Time (usecs)	Pulse Active Time (on+off, usecs)	Total Burst Active Time (usecs)	Number Lead Blank Reps
1	5.3E+09	YES	2E+07	1	109440	109440	53.7	1168.3	0	1222	---	---
1	5.3E+09	YES	2E+07	2	110662	0	53.7	4196.3	481536	4250	5472	20
2	5.3E+09	YES	8E+06	1	864576	268128	96.3	1013.7	0	1110	---	---
2	5.3E+09	YES	8E+06	2	865686	0	96.3	4265.7	322848	4362	5472	49
3	5.3E+09	YES	1E+07	1	1368000	175104	53.2	5418.8	415872	5472	5472	32
4	5.3E+09	YES	5E+06	1	2128608	339264	61.3	5410.7	251712	5472	5472	62
5	5.3E+09	YES	1E+07	1	2823552	437760	53.3	1170.7	0	1224	---	---
5	5.3E+09	YES	1E+07	2	2824776	0	53.3	4194.7	153216	4248	5472	80
6	5.3E+09	YES	1E+07	1	3086208	103968	80.5	1286.5	0	1367	---	---
6	5.3E+09	YES	1E+07	2	3087575	0	80.5	1371.5	0	1452	---	---
6	5.3E+09	YES	1E+07	3	3089027	0	80.5	2572.5	487008	2653	5472	19
7	5.3E+09	YES	2E+07	1	3627936	49248	55.5	1378.5	0	1434	---	---

STATISTICAL PERFORMANCE CHECK - WORKING RADIO 96 kHz

NORTHWEST EMC

XMit 2015.01.14

Profile Type	USA 'Bin 5'
Profile Freq (Hz)	5.3E+09
ARB Sample Rate (Hz)	1E+08
Pulse Power (dBm)	5

Burst Number	Frequency (Hz)	Burst Seen?	Chirp BW (Hz)	Pulse Number	Start Time (usecs)	Lead Blank Time (usecs)	PW (usecs)	Off Time (usecs)	Trail Blank Time (usecs)	Pulse Active Time (on+off, usecs)	Total Burst Active Time (usecs)	Number Lead Blank Reps
1	5.3E+09	YES	2E+07	1	363540	363540	57.1	1288.9	0	1346	---	---
1	5.3E+09	YES	2E+07	2	364886	0	57.1	1016.9	0	1074	---	---
1	5.3E+09	YES	2E+07	3	365960	0	57.1	2502.9	378480	2560	4980	73
2	5.3E+09	YES	2E+07	1	1060740	313740	68	1806	0	1874	---	---
2	5.3E+09	YES	2E+07	2	1062614	0	68	3038	428280	3106	4980	63
3	5.3E+09	YES	9E+06	1	1523880	29880	94.3	1728.7	0	1823	---	---
3	5.3E+09	YES	9E+06	2	1525703	0	94.3	1772.7	0	1867	---	---
3	5.3E+09	YES	9E+06	3	1527570	0	94.3	1195.7	712140	1290	4980	6
4	5.3E+09	YES	2E+07	1	2534820	293820	68.5	4911.5	448200	4980	4980	59
5	5.3E+09	YES	1E+07	1	3615480	627480	72.5	4907.5	114540	4980	4980	126
6	5.3E+09	YES	2E+07	1	4297740	562740	54.8	1599.2	0	1654	---	---
6	5.3E+09	YES	2E+07	2	4299394	0	54.8	3271.2	179280	3326	4980	113
7	5.3E+09	YES	1E+07	1	5164260	682260	51.4	4928.6	59760	4980	4980	137
8	5.3E+09	YES	2E+07	1	5403300	174300	60.3	1235.7	0	1296	---	---

STATISTICAL PERFORMANCE CHECK - WORKING RADIO 96 kHz

NORTHWEST EMC

XMit 2015.01.14

Profile Type	USA 'Bin 5'
Profile Freq (Hz)	5.3E+09
ARB Sample Rate (Hz)	1E+08
Pulse Power (dBm)	5

Burst Number	Frequency (Hz)	Burst Seen?	Chirp BW (Hz)	Pulse Number	Start Time (usecs)	Lead Blank Time (usecs)	PW (usecs)	Off Time (usecs)	Trail Blank Time (usecs)	Pulse Active Time (on+off, usecs)	Total Burst Active Time (usecs)	Number Lead Blank Reps
1	5.3E+09	YES	9E+06	1	122100	122100	83.1	1870.9	0	1954	---	---
1	5.3E+09	YES	9E+06	2	124054	0	83.1	3512.9	538350	3596	5550	22
2	5.3E+09	YES	2E+07	1	1215450	549450	75.7	1708.3	0	1784	---	---
2	5.3E+09	YES	2E+07	2	1217234	0	75.7	953.3	0	1029	---	---
2	5.3E+09	YES	2E+07	3	1218263	0	75.7	2661.3	111000	2737	5550	99
3	5.3E+09	YES	7E+06	1	1837050	505050	68.8	1588.2	0	1657	---	---
3	5.3E+09	YES	7E+06	2	1838707	0	68.8	3824.2	155400	3893	5550	91
4	5.3E+09	YES	1E+07	1	2025750	27750	62	1114	0	1176	---	---
4	5.3E+09	YES	1E+07	2	2026926	0	62	1246	0	1308	---	---

STATISTICAL PERFORMANCE CHECK - WORKING RADIO 96 kHz

XMit 2015.01.14

Profile Type	USA 'Bin 5'
Profile Freq (Hz)	5.3E+09
ARB Sample Rate (Hz)	1E+08
Pulse Power (dBm)	5

Burst Number	Frequency (Hz)	Burst Seen?	Chirp BW (Hz)	Pulse Number	Start Time (usecs)	Lead Blank Time (usecs)	PW (usecs)	Off Time (usecs)	Trail Blank Time (usecs)	Pulse Active Time (on+off, usecs)	Total Burst Active Time (usecs)	Number Lead Blank Reps
1	5.3E+09	YES	1E+07	1	295542	295542	60	1576	0	1636	---	---
1	5.3E+09	YES	1E+07	2	297178	0	60	3777	1028924	3837	5473	54
2	5.3E+09	YES	2E+07	1	1800617	470678	76.1	1834.9	0	1911	---	---
2	5.3E+09	YES	2E+07	2	1802528	0	76.1	1722.9	0	1799	---	---
2	5.3E+09	YES	2E+07	3	1804327	0	76.1	1686.9	853788	1763	5473	86
3	5.3E+09	YES	2E+07	1	3573869	913991	79.5	1453.5	0	1533	---	---
3	5.3E+09	YES	2E+07	2	3575402	0	79.5	3860.5	410475	3940	5473	167
4	5.3E+09	YES	6E+06	1	4498806	508989	52.5	1675.5	0	1728	---	---
4	5.3E+09	YES	6E+06	2	4500534	0	52.5	3692.5	815477	3745	5473	93

STATISTICAL PERFORMANCE CHECK - WORKING RADIO 96 kHz

NORTHWEST EMC

XMit 2015.01.14

Profile Type	USA 'Bin 5'
Profile Freq (Hz)	5.3E+09
ARB Sample Rate (Hz)	1E+08
Pulse Power (dBm)	5

Burst Number	Frequency (Hz)	Burst Seen?	Chirp BW (Hz)	Pulse Number	Start Time (usecs)	Lead Blank Time (usecs)	PW (usecs)	Off Time (usecs)	Trail Blank Time (usecs)	Pulse Active Time (on+off, usecs)	Total Burst Active Time (usecs)	Number Lead Blank Reps
1	5.3E+09	YES	5E+06	1	155958	155958	73.9	1920.1	0	1994	---	---
1	5.3E+09	YES	5E+06	2	157952	0	73.9	2658.1	638010	2732	4726	33
2	5.3E+09	YES	2E+07	1	1569032	770338	88.6	1094.4	0	1183	---	---
2	5.3E+09	YES	2E+07	2	1570215	0	88.6	3454.4	23630	3543	4726	163
3	5.3E+09	YES	5E+06	1	1734442	137054	87.3	949.7	0	1037	---	---
3	5.3E+09	YES	5E+06	2	1735479	0	87.3	3601.7	656914	3689	4726	29
4	5.3E+09	YES	8E+06	1	2679642	283560	88.8	1850.2	0	1939	---	---
4	5.3E+09	YES	8E+06	2	2681581	0	88.8	2698.2	510408	2787	4726	60
5	5.3E+09	YES	5E+06	1	3648472	453696	97.2	4628.8	340272	4726	4726	96
6	5.3E+09	YES	2E+07	1	4744904	751434	53.5	1673.5	0	1727	---	---
6	5.3E+09	YES	2E+07	2	4746631	0	53.5	1308.5	0	1362	---	---
6	5.3E+09	YES	2E+07	3	4747993	0	53.5	1583.5	42534	1637	4726	159
7	5.3E+09	YES	2E+07	1	5283668	491504	92.8	4633.2	302464	4726	4726	104
8	5.3E+09	YES	1E+07	1	5921678	330820	60.5	1395.5	0	1456	---	---

STATISTICAL PERFORMANCE CHECK - WORKING RADIO 96 kHz

NORTHWEST EMC

XMit 2015.01.14

Profile Type	USA 'Bin 5'
Profile Freq (Hz)	5.3E+09
ARB Sample Rate (Hz)	1E+08
Pulse Power (dBm)	5

Burst Number	Frequency (Hz)	Burst Seen?	Chirp BW (Hz)	Pulse Number	Start Time (usecs)	Lead Blank Time (usecs)	PW (usecs)	Off Time (usecs)	Trail Blank Time (usecs)	Pulse Active Time (on+off, usecs)	Total Burst Active Time (usecs)	Number Lead Blank Reps
1	5.3E+09	YES	7E+06	1	1122216	1122216	55.3	1635.7	0	1691	---	---
1	5.3E+09	YES	7E+06	2	1123907	0	55.3	1352.7	0	1408	---	---
1	5.3E+09	YES	7E+06	3	1125315	0	55.3	1767.7	201802	1823	4922	228
2	5.3E+09	YES	1E+07	1	2318262	989322	94.3	1222.7	0	1317	---	---
2	5.3E+09	YES	1E+07	2	2319579	0	94.3	3510.7	334696	3605	4922	201
3	5.3E+09	YES	9E+06	1	3647202	989322	88.8	1547.2	0	1636	---	---
3	5.3E+09	YES	9E+06	2	3648838	0	88.8	1758.2	0	1847	---	---
3	5.3E+09	YES	9E+06	3	3650685	0	88.8	1350.2	334696	1439	4922	201
4	5.3E+09	YES	5E+06	1	4198466	211646	72.7	1790.3	0	1863	---	---
4	5.3E+09	YES	5E+06	2	4200329	0	72.7	2986.3	1112372	3059	4922	43
5	5.3E+09	YES	8E+06	1	6546260	1230500	56.9	956.1	0	1013	---	---

STATISTICAL PERFORMANCE CHECK - WORKING RADIO 96 kHz

NORTHWEST EMC

XMit 2015.01.14

Profile Type	USA 'Bin 5'
Profile Freq (Hz)	5.3E+09
ARB Sample Rate (Hz)	1E+08
Pulse Power (dBm)	5

Burst Number	Frequency (Hz)	Burst Seen?	Chirp BW (Hz)	Pulse Number	Start Time (usecs)	Lead Blank Time (usecs)	PW (usecs)	Off Time (usecs)	Trail Blank Time (usecs)	Pulse Active Time (on+off, usecs)	Total Burst Active Time (usecs)	Number Lead Blank Reps
1	5.3E+09	YES	2E+07	1	481092	481092	58.8	1578.2	0	1637	---	---
1	5.3E+09	YES	2E+07	2	482729	0	58.8	3422.2	511800	3481	5118	94
2	5.3E+09	YES	1E+07	1	1320444	322434	85.5	5032.5	670458	5118	5118	63
3	5.3E+09	YES	2E+07	1	2420814	424794	60.9	1835.1	0	1896	---	---
3	5.3E+09	YES	2E+07	2	2422710	0	60.9	1873.1	0	1934	---	---
3	5.3E+09	YES	2E+07	3	2424644	0	60.9	1227.1	568098	1288	5118	83
4	5.3E+09	YES	2E+07	1	3715668	721638	85.1	1813.9	0	1899	---	---
4	5.3E+09	YES	2E+07	2	3717567	0	85.1	1748.9	0	1834	---	---
4	5.3E+09	YES	2E+07	3	3719401	0	85.1	1299.9	271254	1385	5118	141
5	5.3E+09	YES	1E+07	1	4217232	225192	72.2	1895.8	0	1968	---	---
5	5.3E+09	YES	1E+07	2	4219200	0	72.2	3077.8	767700	3150	5118	44

STATISTICAL PERFORMANCE CHECK - WORKING RADIO 96 kHz

NORTHWEST EMC

XMit 2015.01.14

Profile Type	USA 'Bin 5'
Profile Freq (Hz)	5.3E+09
ARB Sample Rate (Hz)	1E+08
Pulse Power (dBm)	5

Burst Number	Frequency (Hz)	Burst Seen?	Chirp BW (Hz)	Pulse Number	Start Time (usecs)	Lead Blank Time (usecs)	PW (usecs)	Off Time (usecs)	Trail Blank Time (usecs)	Pulse Active Time (on+off, usecs)	Total Burst Active Time (usecs)	Number Lead Blank Reps
1	5.3E+09	YES	2E+07	1	291665	291665	64.4	1725.6	0	1790	---	---
1	5.3E+09	YES	2E+07	2	293455	0	64.4	1411.6	0	1476	---	---
1	5.3E+09	YES	2E+07	3	294931	0	64.4	1972.6	498482	2037	5303	55
2	5.3E+09	YES	1E+07	1	1034085	238635	90.6	1833.4	0	1924	---	---
2	5.3E+09	YES	1E+07	2	1036009	0	90.6	3288.4	551512	3379	5303	45
3	5.3E+09	YES	7E+06	1	2375744	784844	64.2	1134.8	0	1199	---	---
3	5.3E+09	YES	7E+06	2	2376943	0	64.2	4039.8	5303	4104	5303	148
4	5.3E+09	YES	2E+07	1	2874226	487876	84.7	5218.3	302271	5303	5303	92
5	5.3E+09	YES	2E+07	1	3510586	328786	71.6	5231.4	461361	5303	5303	62

STATISTICAL PERFORMANCE CHECK - WORKING RADIO 96 kHz

NORTHWEST EMC

XMit 2015.01.14

Profile Type	USA 'Bin 5'
Profile Freq (Hz)	5.3E+09
ARB Sample Rate (Hz)	1E+08
Pulse Power (dBm)	5

Burst Number	Frequency (Hz)	Burst Seen?	Chirp BW (Hz)	Pulse Number	Start Time (usecs)	Lead Blank Time (usecs)	PW (usecs)	Off Time (usecs)	Trail Blank Time (usecs)	Pulse Active Time (on+off, usecs)	Total Burst Active Time (usecs)	Number Lead Blank Reps
1	5.3E+09	YES	9E+06	1	382904	382904	65.9	1847.1	0	1913	---	---
1	5.3E+09	YES	9E+06	2	384817	0	65.9	2183.1	703378	2249	4162	92
2	5.3E+09	YES	6E+06	1	1902034	811590	63.2	976.8	0	1040	---	---
2	5.3E+09	YES	6E+06	2	1903074	0	63.2	1189.8	0	1253	---	---
2	5.3E+09	YES	6E+06	3	1904327	0	63.2	1805.8	274692	1869	4162	195
3	5.3E+09	YES	2E+07	1	2813512	632624	95.9	1834.1	0	1930	---	---
3	5.3E+09	YES	2E+07	2	2815442	0	95.9	1005.1	0	1101	---	---
3	5.3E+09	YES	2E+07	3	2816543	0	95.9	1035.1	453658	1131	4162	152
4	5.3E+09	YES	2E+07	1	3787420	516088	55.6	1458.4	0	1514	---	---
4	5.3E+09	YES	2E+07	2	3788934	0	55.6	2592.4	570194	2648	4162	124
5	5.3E+09	YES	1E+07	1	5231634	869858	95.9	911.1	0	1007	---	---

STATISTICAL PERFORMANCE CHECK - WORKING RADIO 96 kHz

XMit 2015.01.14

Profile Type	USA 'Bin 5'
Profile Freq (Hz)	5.31E+09
ARB Sample Rate (Hz)	1E+08
Pulse Power (dBm)	5

Burst Number	Frequency (Hz)	Burst Seen?	Chirp BW (Hz)	Pulse Number	Start Time (usecs)	Lead Blank Time (usecs)	PW (usecs)	Off Time (usecs)	Trail Blank Time (usecs)	Pulse Active Time (on+off, usecs)	Total Burst Active Time (usecs)	Number Lead Blank Reps
1	5.31E+09	YES	1E+07	1	1021021	1021021	88	1003	0	1091	---	---
1	5.31E+09	YES	1E+07	2	1022112	0	88	4462	62051	4550	5641	181
2	5.31E+09	YES	2E+07	1	1765633	676920	74.7	1318.3	0	1393	---	---
2	5.31E+09	YES	2E+07	2	1767026	0	74.7	1567.3	0	1642	---	---
2	5.31E+09	YES	2E+07	3	1768668	0	74.7	2531.3	406152	2606	5641	120
3	5.31E+09	YES	8E+06	1	2916397	738971	86.8	1633.2	0	1720	---	---
3	5.31E+09	YES	8E+06	2	2918117	0	86.8	3834.2	344101	3921	5641	131

STATISTICAL PERFORMANCE CHECK - WORKING RADIO 96 kHz

NORTHWEST EMC

XMit 2015.01.14

Profile Type	USA 'Bin 5'
Profile Freq (Hz)	5.31E+09
ARB Sample Rate (Hz)	1E+08
Pulse Power (dBm)	5

Burst Number	Frequency (Hz)	Burst Seen?	Chirp BW (Hz)	Pulse Number	Start Time (usecs)	Lead Blank Time (usecs)	PW (usecs)	Off Time (usecs)	Trail Blank Time (usecs)	Pulse Active Time (on+off, usecs)	Total Burst Active Time (usecs)	Number Lead Blank Reps
1	5.31E+09	YES	8E+06	1	735730	735730	72.3	1251.7	0	1324	---	---
1	5.31E+09	YES	8E+06	2	737054	0	72.3	3677.7	456660	3750	5074	145
2	5.31E+09	YES	1E+07	1	2227486	1030022	55.9	1611.1	0	1667	---	---
2	5.31E+09	YES	1E+07	2	2229153	0	55.9	3351.1	162368	3407	5074	203
3	5.31E+09	YES	2E+07	1	3196620	801692	64	1895	0	1959	---	---
3	5.31E+09	YES	2E+07	2	3198579	0	64	3051	390698	3115	5074	158
4	5.31E+09	YES	1E+07	1	4028756	436364	53.6	5020.4	756026	5074	5074	86
5	5.31E+09	YES	2E+07	1	5165332	375476	93.1	4980.9	816914	5074	5074	74
6	5.31E+09	YES	1E+07	1	6225798	238478	93.3	1768.7	0	1862	---	---

STATISTICAL PERFORMANCE CHECK - WORKING RADIO 96 kHz

NORTHWEST EMC

XMit 2015.01.14

Profile Type	USA 'Bin 5'
Profile Freq (Hz)	5.31E+09
ARB Sample Rate (Hz)	1E+08
Pulse Power (dBm)	5

Burst Number	Frequency (Hz)	Burst Seen?	Chirp BW (Hz)	Pulse Number	Start Time (usecs)	Lead Blank Time (usecs)	PW (usecs)	Off Time (usecs)	Trail Blank Time (usecs)	Pulse Active Time (on+off, usecs)	Total Burst Active Time (usecs)	Number Lead Blank Reps
1	5.31E+09	YES	2E+07	1	351912	351912	93.6	1547.4	0	1641	---	---
1	5.31E+09	YES	2E+07	2	353553	0	93.6	2264.4	271932	2358	3999	88
2	5.31E+09	YES	2E+07	1	695826	67983	50.3	3948.7	555861	3999	3999	17
3	5.31E+09	YES	2E+07	1	1611597	355911	59.2	1002.8	0	1062	---	---
3	5.31E+09	YES	2E+07	2	1612659	0	59.2	1460.8	0	1520	---	---
3	5.31E+09	YES	2E+07	3	1614179	0	59.2	1357.8	267933	1417	3999	89
4	5.31E+09	YES	6E+06	1	2235441	351912	95.9	957.1	0	1053	---	---
4	5.31E+09	YES	6E+06	2	2236494	0	95.9	2850.1	271932	2946	3999	88
5	5.31E+09	YES	9E+06	1	2819295	307923	70.5	1591.5	0	1662	---	---
5	5.31E+09	YES	9E+06	2	2820957	0	70.5	2266.5	315921	2337	3999	77
6	5.31E+09	YES	1E+07	1	3315171	175956	92.1	1097.9	0	1190	---	---
6	5.31E+09	YES	1E+07	2	3316361	0	92.1	2716.9	447888	2809	3999	44
7	5.31E+09	YES	7E+06	1	3891027	123969	83.1	3915.9	499875	3999	3999	31
8	5.31E+09	YES	1E+07	1	4646838	251937	96.1	937.9	0	1034	---	---

STATISTICAL PERFORMANCE CHECK - WORKING RADIO 96 kHz

XMit 2015.01.14

Profile Type	USA 'Bin 5'
Profile Freq (Hz)	5.31E+09
ARB Sample Rate (Hz)	1E+08
Pulse Power (dBm)	5

Burst Number	Frequency (Hz)	Burst Seen?	Chirp BW (Hz)	Pulse Number	Start Time (usecs)	Lead Blank Time (usecs)	PW (usecs)	Off Time (usecs)	Trail Blank Time (usecs)	Pulse Active Time (on+off, usecs)	Total Burst Active Time (usecs)	Number Lead Blank Reps
1	5.31E+09	YES	2E+07	1	541620	541620	83.3	1280.7	0	1364	---	---
1	5.31E+09	YES	2E+07	2	542984	0	83.3	3567.7	451350	3651	5015	108
2	5.31E+09	YES	1E+07	1	1078225	80240	84.7	1188.3	0	1273	---	---
2	5.31E+09	YES	1E+07	2	1079498	0	84.7	3657.3	912730	3742	5015	16
3	5.31E+09	YES	2E+07	1	2868580	872610	96.5	1463.5	0	1560	---	---

STATISTICAL PERFORMANCE CHECK - WORKING RADIO 96 kHz

NORTHWEST EMC

XMit 2015.01.14

Profile Type	USA 'Bin 5'
Profile Freq (Hz)	5.31E+09
ARB Sample Rate (Hz)	1E+08
Pulse Power (dBm)	5

Burst Number	Frequency (Hz)	Burst Seen?	Chirp BW (Hz)	Pulse Number	Start Time (usecs)	Lead Blank Time (usecs)	PW (usecs)	Off Time (usecs)	Trail Blank Time (usecs)	Pulse Active Time (on+off, usecs)	Total Burst Active Time (usecs)	Number Lead Blank Reps
1	5.31E+09	YES	2E+07	1	317016	317016	90.4	4571.6	769230	4662	4662	68
2	5.31E+09	YES	1E+07	1	2167830	1076922	60.9	1002.1	0	1063	---	---
2	5.31E+09	YES	1E+07	2	2168893	0	60.9	3538.1	9324	3599	4662	231
3	5.31E+09	YES	9E+06	1	2993004	811188	57.6	1780.4	0	1838	---	---
3	5.31E+09	YES	9E+06	2	2994842	0	57.6	1021.4	0	1079	---	---
3	5.31E+09	YES	9E+06	3	2995921	0	57.6	1687.4	275058	1745	4662	174
4	5.31E+09	YES	2E+07	1	3911418	638694	56.7	4605.3	447552	4662	4662	137

STATISTICAL PERFORMANCE CHECK - WORKING RADIO 96 kHz

NORTHWEST EMC

XMit 2015.01.14

Profile Type	USA 'Bin 5'
Profile Freq (Hz)	5.3E+09
ARB Sample Rate (Hz)	1E+08
Pulse Power (dBm)	5

Burst Number	Frequency (Hz)	Burst Seen?	Chirp BW (Hz)	Pulse Number	Start Time (usecs)	Lead Blank Time (usecs)	PW (usecs)	Off Time (usecs)	Trail Blank Time (usecs)	Pulse Active Time (on+off, usecs)	Total Burst Active Time (usecs)	Number Lead Blank Reps
1	5.3E+09	YES	2E+07	1	376425	376425	82.3	1572.7	0	1655	---	---
1	5.3E+09	YES	2E+07	2	378080	0	82.3	3281.7	617337	3364	5019	75
2	5.3E+09	YES	1E+07	1	1355130	356349	55	1563	0	1618	---	---
2	5.3E+09	YES	1E+07	2	1356748	0	55	3346	637413	3401	5019	71
3	5.3E+09	YES	1E+07	1	2087904	90342	72.8	1002.2	0	1075	---	---

STATISTICAL PERFORMANCE CHECK - WORKING RADIO 96 kHz

NORTHWEST EMC

XMit 2015.01.14

Profile Type	USA 'Bin 5'
Profile Freq (Hz)	5.3E+09
ARB Sample Rate (Hz)	1E+08
Pulse Power (dBm)	5

Burst Number	Frequency (Hz)	Burst Seen?	Chirp BW (Hz)	Pulse Number	Start Time (usecs)	Lead Blank Time (usecs)	PW (usecs)	Off Time (usecs)	Trail Blank Time (usecs)	Pulse Active Time (on+off, usecs)	Total Burst Active Time (usecs)	Number Lead Blank Reps
1	5.3E+09	YES	9E+06	1	303800	303800	59.9	1159.1	0	1219	---	---
1	5.3E+09	YES	9E+06	2	305019	0	59.9	1486.1	0	1546	---	---
1	5.3E+09	YES	9E+06	3	306565	0	59.9	2600.1	542500	2660	5425	56
2	5.3E+09	YES	1E+07	1	1215200	363475	94.7	1031.3	0	1126	---	---
2	5.3E+09	YES	1E+07	2	1216326	0	94.7	4204.3	482825	4299	5425	67
3	5.3E+09	YES	2E+07	1	2077775	374325	94.4	1728.6	0	1823	---	---
3	5.3E+09	YES	2E+07	2	2079598	0	94.4	3507.6	471975	3602	5425	69
4	5.3E+09	YES	2E+07	1	2875250	320075	94.8	1209.2	0	1304	---	---
4	5.3E+09	YES	2E+07	2	2876554	0	94.8	1558.2	0	1653	---	---
4	5.3E+09	YES	2E+07	3	2878207	0	94.8	2373.2	526225	2468	5425	59
5	5.3E+09	YES	2E+07	1	3607625	200725	50.9	1949.1	0	2000	---	---
5	5.3E+09	YES	2E+07	2	3609625	0	50.9	1861.1	0	1912	---	---
5	5.3E+09	YES	2E+07	3	3611537	0	50.9	1462.1	645575	1513	5425	37

STATISTICAL PERFORMANCE CHECK - WORKING RADIO 96 kHz

NORTHWEST EMC

XMit 2015.01.14

Profile Type	USA 'Bin 5'
Profile Freq (Hz)	5.3E+09
ARB Sample Rate (Hz)	1E+08
Pulse Power (dBm)	5

Burst Number	Frequency (Hz)	Burst Seen?	Chirp BW (Hz)	Pulse Number	Start Time (usecs)	Lead Blank Time (usecs)	PW (usecs)	Off Time (usecs)	Trail Blank Time (usecs)	Pulse Active Time (on+off, usecs)	Total Burst Active Time (usecs)	Number Lead Blank Reps
1	5.3E+09	YES	8E+06	1	79140	79140	57.9	5218.1	511772	5276	5276	15
2	5.3E+09	YES	1E+07	1	1187100	590912	58.9	5217.1	0	5276	5276	112
3	5.3E+09	YES	1E+07	1	1625008	432632	84.2	1686.8	0	1771	---	---
3	5.3E+09	YES	1E+07	2	1626779	0	84.2	3420.8	158280	3505	5276	82
4	5.3E+09	YES	9E+06	1	1846600	58036	51.2	1506.8	0	1558	---	---
4	5.3E+09	YES	9E+06	2	1848158	0	51.2	1938.8	0	1990	---	---
4	5.3E+09	YES	9E+06	3	1850148	0	51.2	1676.8	532876	1728	5276	11
5	5.3E+09	YES	9E+06	1	2453340	68588	67.5	1856.5	0	1924	---	---

STATISTICAL PERFORMANCE CHECK - WORKING RADIO 96 kHz

NORTHWEST EMC

XMit 2015.01.14

Profile Type	USA 'Bin 5'
Profile Freq (Hz)	5.3E+09
ARB Sample Rate (Hz)	1E+08
Pulse Power (dBm)	5

Burst Number	Frequency (Hz)	Burst Seen?	Chirp BW (Hz)	Pulse Number	Start Time (usecs)	Lead Blank Time (usecs)	PW (usecs)	Off Time (usecs)	Trail Blank Time (usecs)	Pulse Active Time (on+off, usecs)	Total Burst Active Time (usecs)	Number Lead Blank Reps
1	5.3E+09	YES	2E+07	1	459380	459380	98	1197	0	1295	---	---
1	5.3E+09	YES	2E+07	2	460675	0	98	1275	0	1373	---	---
1	5.3E+09	YES	2E+07	3	462048	0	98	1694	133800	1792	4460	103
2	5.3E+09	YES	1E+07	1	1092700	495060	71.2	1649.8	0	1721	---	---
2	5.3E+09	YES	1E+07	2	1094421	0	71.2	2667.8	98120	2739	4460	111
3	5.3E+09	YES	2E+07	1	1587760	392480	64.6	1087.4	0	1152	---	---
3	5.3E+09	YES	2E+07	2	1588912	0	64.6	3243.4	200700	3308	4460	88
4	5.3E+09	YES	1E+07	1	2198780	405860	53.5	1481.5	0	1535	---	---
4	5.3E+09	YES	1E+07	2	2200315	0	53.5	2871.5	187320	2925	4460	91
5	5.3E+09	YES	1E+07	1	2711680	321120	77.9	4382.1	272060	4460	4460	72
6	5.3E+09	YES	7E+06	1	3367300	379100	56.3	1680.7	0	1737	---	---
6	5.3E+09	YES	7E+06	2	3369037	0	56.3	2666.7	214080	2723	4460	85
7	5.3E+09	YES	9E+06	1	3960480	374640	67.1	4392.9	218540	4460	4460	84
8	5.3E+09	YES	7E+06	1	4584880	401400	74.8	1901.2	0	1976	---	---
8	5.3E+09	YES	7E+06	2	4586856	0	74.8	2409.2	191780	2484	4460	90

STATISTICAL PERFORMANCE CHECK - WORKING RADIO 96 kHz

NORTHWEST EMC

XMit 2015.01.14

Profile Type	USA 'Bin 5'
Profile Freq (Hz)	5.3E+09
ARB Sample Rate (Hz)	1E+08
Pulse Power (dBm)	5

Burst Number	Frequency (Hz)	Burst Seen?	Chirp BW (Hz)	Pulse Number	Start Time (usecs)	Lead Blank Time (usecs)	PW (usecs)	Off Time (usecs)	Trail Blank Time (usecs)	Pulse Active Time (on+off, usecs)	Total Burst Active Time (usecs)	Number Lead Blank Reps
1	5.3E+09	YES	2E+07	1	709456	709456	56.3	1835.7	0	1892	---	---
1	5.3E+09	YES	2E+07	2	711348	0	56.3	1015.7	0	1072	---	---
1	5.3E+09	YES	2E+07	3	712420	0	56.3	2083.7	204160	2140	5104	139
2	5.3E+09	YES	1E+07	1	1811920	893200	79.5	1134.5	0	1214	---	---
2	5.3E+09	YES	1E+07	2	1813134	0	79.5	3810.5	20416	3890	5104	175
3	5.3E+09	YES	2E+07	1	2245760	408320	70	1354	0	1424	---	---
3	5.3E+09	YES	2E+07	2	2247184	0	70	3610	505296	3680	5104	80
4	5.3E+09	YES	2E+07	1	3521760	765600	74	1432	0	1506	---	---
4	5.3E+09	YES	2E+07	2	3523266	0	74	3524	148016	3598	5104	150
5	5.3E+09	YES	7E+06	1	3710608	35728	89.6	1488.4	0	1578	---	---
5	5.3E+09	YES	7E+06	2	3712186	0	89.6	3436.4	877888	3526	5104	7

STATISTICAL PERFORMANCE CHECK - WORKING RADIO 96 kHz

NORTHWEST EMC

XMit 2015.01.14

Profile Type	USA 'Bin 5'
Profile Freq (Hz)	5.3E+09
ARB Sample Rate (Hz)	1E+08
Pulse Power (dBm)	5

Burst Number	Frequency (Hz)	Burst Seen?	Chirp BW (Hz)	Pulse Number	Start Time (usecs)	Lead Blank Time (usecs)	PW (usecs)	Off Time (usecs)	Trail Blank Time (usecs)	Pulse Active Time (on+off, usecs)	Total Burst Active Time (usecs)	Number Lead Blank Reps
1	5.3E+09	YES	2E+07	1	418095	418095	92.3	4308.7	664551	4401	4401	95
2	5.3E+09	YES	7E+06	1	1223478	136431	69.7	1488.3	0	1558	---	---
2	5.3E+09	YES	7E+06	2	1225036	0	69.7	2773.3	946215	2843	4401	31
3	5.3E+09	YES	5E+06	1	2860650	686556	77.3	1053.7	0	1131	---	---
3	5.3E+09	YES	5E+06	2	2861781	0	77.3	1870.7	0	1948	---	---
3	5.3E+09	YES	5E+06	3	2863729	0	77.3	1244.7	396090	1322	4401	156
4	5.3E+09	YES	7E+06	1	4211757	950616	95.1	4305.9	132030	4401	4401	216
5	5.3E+09	YES	2E+07	1	4603446	255258	93.5	1310.5	0	1404	---	---
5	5.3E+09	YES	2E+07	2	4604850	0	93.5	2903.5	827388	2997	4401	58
6	5.3E+09	YES	2E+07	1	6478272	1043037	61.7	1179.3	0	1241	---	---
6	5.3E+09	YES	2E+07	2	6479513	0	61.7	1530.3	0	1592	---	---
6	5.3E+09	YES	2E+07	3	6481105	0	61.7	1506.3	39609	1568	4401	237

STATISTICAL PERFORMANCE CHECK - WORKING RADIO 96 kHz

NORTHWEST EMC

XMit 2015.01.14

Profile Type	USA 'Bin 5'
Profile Freq (Hz)	5.3E+09
ARB Sample Rate (Hz)	1E+08
Pulse Power (dBm)	5

Burst Number	Frequency (Hz)	Burst Seen?	Chirp BW (Hz)	Pulse Number	Start Time (usecs)	Lead Blank Time (usecs)	PW (usecs)	Off Time (usecs)	Trail Blank Time (usecs)	Pulse Active Time (on+off, usecs)	Total Burst Active Time (usecs)	Number Lead Blank Reps
1	5.3E+09	YES	2E+07	1	417200	417200	57.4	5157.6	208600	5215	5215	80
2	5.3E+09	YES	1E+07	1	818755	187740	68.5	1434.5	0	1503	---	---
2	5.3E+09	YES	1E+07	2	820258	0	68.5	3643.5	438060	3712	5215	36
3	5.3E+09	YES	1E+07	1	1710520	448490	93.4	5121.6	177310	5215	5215	86
4	5.3E+09	YES	2E+07	1	1924335	31290	91	1816	0	1907	---	---
4	5.3E+09	YES	2E+07	2	1926242	0	91	1053	0	1144	---	---
4	5.3E+09	YES	2E+07	3	1927386	0	91	2073	594510	2164	5215	6
5	5.3E+09	YES	8E+06	1	2998625	474565	99.2	1412.8	0	1512	---	---
5	5.3E+09	YES	8E+06	2	3000137	0	99.2	3603.8	151235	3703	5215	91
6	5.3E+09	YES	2E+07	1	3613995	458920	82.3	1145.7	0	1228	---	---
6	5.3E+09	YES	2E+07	2	3615223	0	82.3	3904.7	166880	3987	5215	88
7	5.3E+09	YES	2E+07	1	3963400	177310	87.5	1579.5	0	1667	---	---
7	5.3E+09	YES	2E+07	2	3965067	0	87.5	3460.5	448490	3548	5215	34
8	5.3E+09	YES	1E+07	1	4656995	239890	92.1	940.9	0	1033	---	---
8	5.3E+09	YES	1E+07	2	4658028	0	92.1	4089.9	385910	4182	5215	46
9	5.3E+09	YES	9E+06	1	5152420	104300	62.9	5152.1	521500	5215	5215	20
10	5.3E+09	YES	2E+07	1	6289290	610155	59.7	1770.3	0	1830	---	---

STATISTICAL PERFORMANCE CHECK - WORKING RADIO 96 kHz

NORTHWEST EMC

XMit 2015.01.14

Profile Type	USA 'Bin 5'
Profile Freq (Hz)	5.3E+09
ARB Sample Rate (Hz)	1E+08
Pulse Power (dBm)	5

Burst Number	Frequency (Hz)	Burst Seen?	Chirp BW (Hz)	Pulse Number	Start Time (usecs)	Lead Blank Time (usecs)	PW (usecs)	Off Time (usecs)	Trail Blank Time (usecs)	Pulse Active Time (on+off, usecs)	Total Burst Active Time (usecs)	Number Lead Blank Reps
1	5.3E+09	YES	1E+07	1	370480	370480	79.8	1179.2	0	1259	---	---
1	5.3E+09	YES	1E+07	2	371739	0	79.8	3292.2	328801	3372	4631	80
2	5.3E+09	YES	1E+07	1	1176274	472362	54.4	1135.6	0	1190	---	---
2	5.3E+09	YES	1E+07	2	1177464	0	54.4	3386.6	226919	3441	4631	102
3	5.3E+09	YES	2E+07	1	1435610	27786	95.3	1648.7	0	1744	---	---
3	5.3E+09	YES	2E+07	2	1437354	0	95.3	1155.7	0	1251	---	---
3	5.3E+09	YES	2E+07	3	1438605	0	95.3	1540.7	671495	1636	4631	6
4	5.3E+09	YES	6E+06	1	2653563	541827	89.9	1373.1	0	1463	---	---
4	5.3E+09	YES	6E+06	2	2655026	0	89.9	3078.1	157454	3168	4631	117
5	5.3E+09	YES	2E+07	1	3144449	328801	71.6	1324.4	0	1396	---	---
5	5.3E+09	YES	2E+07	2	3145845	0	71.6	3163.4	370480	3235	4631	71
6	5.3E+09	YES	2E+07	1	4140114	620554	59.9	1565.1	0	1625	---	---
6	5.3E+09	YES	2E+07	2	4141739	0	59.9	2946.1	78727	3006	4631	134

STATISTICAL PERFORMANCE CHECK - WORKING RADIO 96 kHz

NORTHWEST EMC

XMit 2015.01.14

Profile Type	USA 'Bin 5'
Profile Freq (Hz)	5.3E+09
ARB Sample Rate (Hz)	1E+08
Pulse Power (dBm)	5

Burst Number	Frequency (Hz)	Burst Seen?	Chirp BW (Hz)	Pulse Number	Start Time (usecs)	Lead Blank Time (usecs)	PW (usecs)	Off Time (usecs)	Trail Blank Time (usecs)	Pulse Active Time (on+off, usecs)	Total Burst Active Time (usecs)	Number Lead Blank Reps
1	5.3E+09	YES	7E+06	1	15417	15417	64.5	1387.5	0	1452	---	---
1	5.3E+09	YES	7E+06	2	16869	0	64.5	1720.5	0	1785	---	---
1	5.3E+09	YES	7E+06	3	18654	0	64.5	1837.5	1310445	1902	5139	3
2	5.3E+09	YES	1E+07	1	1993932	662931	74.4	1802.6	0	1877	---	---
2	5.3E+09	YES	1E+07	2	1995809	0	74.4	1694.6	0	1769	---	---
2	5.3E+09	YES	1E+07	3	1997578	0	74.4	1418.6	662931	1493	5139	129
3	5.3E+09	YES	2E+07	1	3458547	796545	68.2	1532.8	0	1601	---	---
3	5.3E+09	YES	2E+07	2	3460148	0	68.2	3469.8	529317	3538	5139	155
4	5.3E+09	YES	2E+07	1	4208841	215838	95.3	984.7	0	1080	---	---
4	5.3E+09	YES	2E+07	2	4209921	0	95.3	3963.7	1110024	4059	5139	42

STATISTICAL PERFORMANCE CHECK - WORKING RADIO 96 kHz

NORTHWEST EMC

XMit 2015.01.14

Profile Type	USA 'Bin 5'
Profile Freq (Hz)	5.3E+09
ARB Sample Rate (Hz)	1E+08
Pulse Power (dBm)	5

Burst Number	Frequency (Hz)	Burst Seen?	Chirp BW (Hz)	Pulse Number	Start Time (usecs)	Lead Blank Time (usecs)	PW (usecs)	Off Time (usecs)	Trail Blank Time (usecs)	Pulse Active Time (on+off, usecs)	Total Burst Active Time (usecs)	Number Lead Blank Reps
1	5.3E+09	YES	1E+07	1	188125	188125	74.4	1082.6	0	1157	---	---
1	5.3E+09	YES	1E+07	2	189282	0	74.4	3143.6	805000	3218	4375	43
2	5.3E+09	YES	2E+07	1	1395625	398125	67.2	1360.8	0	1428	---	---
2	5.3E+09	YES	2E+07	2	1397053	0	67.2	2879.8	595000	2947	4375	91
3	5.3E+09	YES	1E+07	1	2226875	231875	87.7	4287.3	761250	4375	4375	53
4	5.3E+09	YES	1E+07	1	3141250	148750	86.9	4288.1	844375	4375	4375	34
5	5.3E+09	YES	7E+06	1	4305000	315000	93.8	1832.2	0	1926	---	---
5	5.3E+09	YES	7E+06	2	4306926	0	93.8	2355.2	678125	2449	4375	72
6	5.3E+09	YES	8E+06	1	5516875	529375	60.5	1544.5	0	1605	---	---
6	5.3E+09	YES	8E+06	2	5518480	0	60.5	2709.5	463750	2770	4375	121
7	5.3E+09	YES	1E+07	1	6877500	892500	68.1	4306.9	100625	4375	4375	204
8	5.3E+09	YES	2E+07	1	7577500	595000	69.7	1923.3	0	1993	---	---
8	5.3E+09	YES	2E+07	2	7579493	0	69.7	2312.3	398125	2382	4375	136
9	5.3E+09	YES	7E+06	1	8820000	840000	77.4	1397.6	0	1475	---	---
9	5.3E+09	YES	7E+06	2	8821475	0	77.4	2822.6	153125	2900	4375	192
10	5.3E+09	YES	2E+07	1	9870000	892500	51.1	1672.9	0	1724	---	---

STATISTICAL PERFORMANCE CHECK - WORKING RADIO 96 kHz

NORTHWEST EMC

XMit 2015.01.14

FCC-Type 6, Trial 1 of 3
All Frequencies in MHz

Trial #1	Trial #2	Trial #3	Trial #4	Trial #5	Trial #6	Trial #7	Trial #8	Trial #9	Trial #10	Trial #11	Trial #12	Trial #13
PASS	PASS	PASS	PASS	PASS	PASS	PASS	PASS	PASS	PASS	PASS	PASS	PASS
5589	5560	5538	5500	5540	5566	5494	5643	5689	5542	5574	5581	5700
5280	5544	5589	5579	5642	5277	5629	5644	5594	5654	5674	5707	5318
5663	5609	5497	5681	5263	5546	5642	5296	5627	5539	5689	5301	5683
5505	5646	5537	5668	5646	5644	5527	5593	5573	5561	5288	5536	5642
5561	5298	5622	5630	5304	5275	5263	5603	5684	5587	5295	5553	5586
5678	5704	5578	5611	5588	5491	5587	5682	5586	5324	5501	5698	5606
5679	5558	5595	5606	5617	5290	5693	5704	5576	5586	5309	5683	5588
5534	5302	5540	5705	5631	5282	5521	5689	5535	5699	5279	5515	5521
5570	5675	5255	5573	5525	5704	5531	5287	5681	5315	5670	5287	5311
5330	5588	5684	5493	5643	5656	5560	5260	5558	5552	5610	5567	5602
5685	5270	5590	5266	5505	5500	5666	5297	5515	5276	5559	5304	5525
5603	5516	5303	5598	5695	5576	5579	5646	5297	5658	5321	5613	5565
5504	5648	5265	5646	5280	5276	5661	5701	5320	5582	5530	5271	5278
5260	5304	5660	5682	5686	5705	5659	5503	5299	5574	5254	5323	5582
5673	5290	5549	5655	5286	5635	5512	5674	5329	5599	5550	5311	5621
5298	5629	5665	5601	5542	5709	5568	5558	5529	5323	5630	5263	5563
5634	5659	5621	5310	5554	5490	5598	5541	5634	5670	5318	5300	5282
5594	5309	5311	5328	5537	5603	5269	5313	5516	5650	5507	5527	5594
5275	5258	5326	5707	5634	5272	5274	5628	5613	5490	5313	5502	5320
5271	5591	5626	5323	5641	5604	5575	5264	5511	5698	5652	5686	5646
5281	5687	5693	5547	5665	5499	5665	5635	5292	5611	5258	5691	5275
5501	5584	5563	5679	5621	5548	5273	5697	5315	5703	5548	5593	5680
5267	5300	5688	5667	5700	5665	5509	5524	5605	5687	5621	5546	5552
5258	5595	5307	5320	5522	5517	5651	5613	5616	5283	5490	5521	5577
5671	5492	5301	5284	5680	5699	5283	5509	5682	5492	5624	5597	5556
5628	5537	5505	5290	5630	5672	5602	5268	5666	5494	5264	5544	5702
5520	5604	5528	5672	5664	5674	5329	5255	5700	5671	5651	5295	5307
5585	5557	5271	5544	5639	5670	5679	5564	5670	5305	5693	5532	5637
5696	5684	5687	5304	5618	5269	5620	5292	5275	5544	5576	5280	5548
5595	5263	5298	5548	5545	5266	5645	5521	5677	5282	5528	5577	5252
5542	5318	5639	5595	5669	5626	5253	5663	5588	5541	5538	5623	5707
5257	5325	5702	5610	5562	5666	5637	5671	5499	5275	5609	5591	5579
5254	5670	5643	5324	5637	5701	5664	5559	5295	5684	5281	5561	5276
5562	5602	5266	5658	5526	5575	5526	5573	5526	5700	5509	5578	5315
5492	5618	5532	5543	5608	5495	5561	5266	5672	5652	5658	5526	5678
5633	5289	5637	5510	5587	5559	5618	5618	5523	5638	5710	5618	5544
5661	5275	5329	5516	5276	5668	5599	5502	5500	5256	5636	5514	5575
5283	5261	5275	5545	5288	5645	5563	5572	5497	5559	5551	5699	5265
5635	5254	5321	5268	5527	5522	5330	5501	5290	5294	5536	5629	5554
5279	5262	5306	5515	5699	5599	5255	5293	5260	5637	5692	5498	5303
5623	5706	5525	5291	5514	5597	5259	5289	5521	5311	5639	5499	5701
5652	5315	5319	5312	5300	5305	5293	5493	5265	5518	5263	5321	5279
5646	5569	5490	5492	5598	5641	5306	5301	5633	5708	5524	5607	5684
5325	5581	5284	5276	5551	5697	5502	5494	5565	5325	5553	5272	5319
5322	5512	5575	5676	5570	5588	5623	5600	5676	5298	5560	5582	5686
5675	5495	5664	5592	5650	5706	5694	5636	5318	5520	5558	5320	5573
5292	5549	5587	5665	5709	5259	5700	5602	5603	5509	5519	5573	5691
5274	5520	5675	5275	5708	5297	5698	5554	5675	5685	5685	5558	5329
5690	5285	5300	5255	5319	5702	5657	5576	5635	5498	5601	5650	5298
5592	5674	5707	5278	5704	5649	5606	5705	5640	5328	5654	5694	5685
5693	5623	5536	5697	5318	5652	5570	5597	5262	5571	5673	5275	5264
5698	5555	5494	5634	5602	5569	5612	5710	5492	5534	5494	5551	5495
5643	5665	5673	5622	5625	5684	5288	5527	5545	5287	5323	5601	5557
5629	5543	5690	5706	5624	5653	5589	5317	5631	5327	5691	5672	5612
5689	5683	5606	5608	5272	5630	5542	5273	5647	5697	5661	5657	5649
5269	5279	5669	5678	5597	5543	5710	5588	5522	5263	5500	5679	5697
5509	5598	5645	5257		5553	5497	5563	5560	5549	5620	5266	5515
5300	5657	5562	5512		5311	5567	5668	5543	5307	5686	5619	5661
5527	5667		5535		5533	5519	5695		5553	5582	5501	5491
5670	5616		5540		5307	5708	5581		5322	5542		5640
5308	5605		5495		5634	5628	5510		5495			5496
5701	5271		5615		5542	5533	5639		5316			5254
5616	5677		5322		5523	5286	5290		5663			5261
5583			5688		5659	5588	5323		5513			5604
5615			5300		5703	5541			5593			5671
5302			5708		5267				5694			5526
5497			5594						5527			5507
5514			5319						5645			5306
5574			5309						5621			5305

STATISTICAL PERFORMANCE CHECK - WORKING RADIO 96 kHz

NORTHWEST EMC

XMit 2015.01.14

FCC-Type 6, Trial 2 of 3
All Frequencies in MHz

Trial #14	Trial #15	Trial #16	Trial #17	Trial #18	Trial #19	Trial #20	Trial #21	Trial #22	Trial #23	Trial #24	Trial #25	Trial #26
PASS	PASS	PASS	PASS	PASS	PASS	PASS	PASS	PASS	PASS	PASS	PASS	PASS
5708	5641	5533	5515	5637	5259	5623	5580	5632	5582	5702	5522	5530
5556	5661	5326	5254	5598	5327	5624	5546	5300	5683	5577	5702	5681
5685	5537	5511	5526	5632	5654	5304	5539	5505	5659	5694	5623	5669
5510	5654	5699	5701	5320	5587	5266	5687	5697	5517	5500	5517	5677
5695	5499	5613	5615	5628	5266	5643	5281	5309	5579	5596	5271	5522
5707	5530	5674	5645	5577	5546	5544	5633	5328	5330	5326	5619	5680
5553	5649	5603	5617	5520	5590	5258	5311	5544	5666	5267	5563	5525
5523	5269	5298	5706	5702	5312	5673	5667	5507	5312	5670	5656	5318
5495	5558	5700	5293	5624	5589	5697	5704	5650	5597	5700	5609	5310
5684	5535	5619	5259	5593	5708	5324	5536	5608	5607	5289	5652	5605
5293	5547	5572	5321	5706	5594	5537	5270	5628	5587	5497	5498	5667
5519	5305	5299	5538	5602	5607	5568	5653	5274	5493	5622	5634	5294
5258	5517	5607	5546	5556	5707	5260	5624	5641	5510	5643	5274	5588
5569	5624	5285	5601	5551	5687	5254	5627	5301	5619	5272	5505	5655
5548	5701	5590	5675	5570	5605	5593	5263	5319	5327	5541	5503	5592
5500	5569	5667	5525	5638	5673	5640	5537	5568	5507	5703	5519	5565
5700	5646	5625	5612	5326	5689	5264	5543	5624	5671	5307	5640	5263
5639	5643	5695	5260	5254	5582	5670	5273	5290	5522	5278	5520	5509
5644	5625	5530	5532	5587	5705	5286	5672	5285	5696	5495	5559	5687
5318	5655	5602	5320	5659	5536	5705	5669	5536	5499	5635	5255	5600
5651	5496	5255	5322	5270	5321	5563	5616	5611	5609	5325	5663	5709
5579	5675	5634	5498	5592	5535	5288	5259	5583	5610	5502	5585	5690
5659	5576	5290	5682	5631	5277	5692	5632	5501	5277	5545	5615	5670
5621	5665	5690	5307	5561	5320	5708	5564	5270	5639	5523	5645	5264
5671	5292	5668	5319	5674	5597	5517	5282	5323	5565	5605	5259	5534
5559	5574	5597	5583	5329	5510	5701	5326	5310	5297	5271	5604	5312
5298	5539	5601	5573	5620	5702	5685	5303	5576	5505	5544	5494	5498
5497	5542	5515	5301	5293	5260	5695	5694	5502	5632	5514	5616	5648
5493	5672	5666	5560	5503	5612	5655	5702	5286	5501	5667	5638	5689
5681	5556	5512	5253	5688	5624	5269	5560	5589	5527	5532	5629	5535
5693	5691	5262	5689	5636	5270	5690	5607	5623	5603	5710	5285	5494
5264	5553	5677	5557	5558	5524	5319	5699	5330	5669	5303	5252	5671
5299	5669	5617	5278	5292	5588	5575	5278	5492	5688	5518	5267	5682
5542	5678	5513	5262	5276	5275	5604	5584	5318	5299	5660	5653	5606
5688	5697	5653	5276	5510	5693	5651	5523	5312	5304	5302	5306	5251
5562	5575	5624	5258	5616	5554	5648	5596	5275	5252	5693	5603	5610
5614	5512	5710	5302	5253	5287	5268	5492	5326	5584	5491	5269	5289
5571	5603	5292	5539	5691	5643	5646	5642	5564	5508	5610	5553	5504
5661	5497	5616	5680	5295	5668	5536	5668	5695	5495	5634	5647	5652
5311	5631	5622	5638	5275	5623	5699	5514	5539	5513	5638	5329	5516
5251	5578	5536	5330	5544	5629	5686	5504	5654	5315	5599	5554	5527
5613	5693	5509	5521	5566	5299	5551	5279	5687	5586	5662	5301	5306
5596	5648	5495	5296	5526	5550	5500	5538	5584	5646	5564	5266	5563
5666	5529	5660	5541	5260	5532	5688	5510	5625	5519	5675	5571	5582
5689	5324	5587	5500	5585	5279	5280	5260	5610	5317	5571	5263	5305
5577	5621	5579	5665	5563	5678	5566	5512	5262	5629	5580	5523	5636
5527	5314	5593	5602	5300	5528	5584	5587	5560	5547	5548	5682	5595
5665	5587	5678	5608	5695	5520	5603	5562	5607	5643	5679	5507	5554
5279	5550	5266	5507	5617	5521	5583	5559	5679	5601	5644	5565	5252
5588	5552	5664	5664	5630	5568	5669	5683	5293	5596	5562	5625	5673
5702	5666	5604	5666	5578	5516	5297	5545	5320	5622	5329	5583	5280
5330	5277	5636	5261	5583	5603	5618	5550	5534	5497	5554	5575	5564
5263	5300	5652	5547	5554	5639	5547	5705	5519	5624	5493	5685	5562
5646	5541	5685	5514	5273	5685	5621	5517	5566	5535	5526	5651	5296
5509	5286	5684	5702	5673	5641	5631	5493	5666	5532	5620	5688	5491
5581	5494	5305	5672	5697	5503	5633	5612	5592	5613	5696	5501	5579
5494	5560	5539	5255	5707	5581	5532	5691	5609	5578	5661	5671	5302
5563	5577	5296	5501	5496	5604	5530	5309	5708	5557	5328	5312	5593
5593	5658	5516	5497	5301	5556	5294	5534	5658	5656	5270	5683	5291
5568	5606	5252	5575	5278	5659	5508	5304	5678	5285	5683	5644	5598

STATISTICAL PERFORMANCE CHECK - WORKING RADIO 96 kHz

NORTHWEST EMC

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FCC-Type 6, Trial 3 of 3
All Frequencies in MHz

Trial #27	Trial #28	Trial #29	Trial #30
PASS	PASS	PASS	PASS
5659	5276	5710	5667
5288	5684	5508	5536
5697	5545	5504	5511
5653	5491	5700	5253
5649	5600	5281	5284
5254	5573	5320	5316
5688	5539	5589	5300
5494	5621	5648	5623
5621	5702	5701	5271
5531	5682	5253	5313
5279	5275	5261	5272
5693	5282	5580	5578
5706	5565	5634	5306
5530	5253	5271	5584
5644	5533	5579	5605
5614	5326	5269	5607
5583	5536	5623	5591
5545	5672	5329	5283
5529	5651	5595	5673
5619	5678	5667	5570
5552	5691	5548	5540
5268	5285	5573	5710
5278	5636	5290	5326
5565	5629	5674	5278
5281	5260	5276	5575
5274	5514	5532	5687
5690	5509	5640	5698
5311	5663	5524	5699
5497	5647	5687	5309
5651	5300	5609	5515
5638	5283	5550	5282
5312	5540	5511	5289
5520	5308	5526	5594
5533	5251	5507	5254
5289	5557	5644	5288
5259	5685	5324	5529
5636	5576	5622	5556
5591	5650	5251	5706
5275	5692	5495	5621
5290	5626	5689	5330
5564	5328	5273	5319
5329	5654	5300	5558
5256	5511	5690	5680
5326	5257	5636	5507
5655	5292	5256	5641
5269	5579	5536	5287
5660	5679	5317	5500
5516	5278	5326	5592
5592	5562	5540	5586
5685	5304	5683	5601
5689	5505	5603	5702
5677	5495	5554	5568
5600	5502	5658	5574
5322	5587	5264	5579
5324	5277	5555	5572
5517	5265	5696	5263
5514	5666	5521	5611
5674	5610		5602
5571	5628		5581
5508	5271		5630
5272	5609		5557
5252	5584		5322
5598	5634		5561
5498	5660		5666
5702	5325		5616
5283	5330		5683
5637	5644		5593
5301	5659		5308
5695			5261

TEST SIGNAL LEVEL

NORTHWEST EMC

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Testing was performed using the mode(s) of operation and configuration(s) noted within the report. The individuals and/or the organization requesting the test provided the modes, configurations and settings used to complete the evaluation. The actual test parameters are specified in the test data, this includes items such as investigated frequency range (scanned) and test levels. The testing methods and performance specifications, as well as the test site used for the evaluation are indicated in the test data.

TEST EQUIPMENT

Description	Manufacturer	Model	ID	Last Cal.	Interval (mo)
Analyzer - Spectrum Analyzer	Keysight	N9010A	AFP	2/13/2016	12
Block - DC	Fairview Microwave	SD3379	AMQ	6/18/2015	12
Attenuator	S.M. Electronics	SA26B-6	AUX	7/15/2015	12
Attenuator	Fairview Microwave	SA26B-10	TWH	5/12/2015	12
Power Divider/Combiner	Fairview Microwave	MP0208-2	IAJ	NCR	0
Power Divider/Combiner	Fairview Microwave	MP0208-2	IAI	NCR	0
Attenuator	Mini Circuits	BW-S10W2	RKI	NCR	0
Attenuator	Fairview Microwave	SA26B-06	TWF	5/12/2015	12
Attenuator	Aeroflex/Weinschel	3053	RKG	NCR	0
Attenuator	Aeroflex/Weinschel	3053	RKF	NCR	0
Directional Coupler	Fairview Microwave	MC2047-10	RGT	NCR	0
Attenuator	Weinschel Corp	3330A-6	AUF	12/23/2015	12
Attenuator	S.M. Electronics	SA18N-06/SM4032	REE	10/1/2015	12
Generator - Signal	Benchforge Manufacturing	Colt	TIN	NCR	0
Generator - Signal	Agilent	V2920A	TIH	NCR	0
Generator - Signal	Keysight	N5182B	TFU	NCR	0
Cable	ESM Cable Corp.	TT	EV1	NCR	0
Meter - Power	Gigatronics	8651A	SPM	5/25/2015	12
Power Sensor	Gigatronics	80701A	SPL	5/25/2015	12

TEST DESCRIPTION

FCC KDB 905462 describes the compliance measurement procedures including acceptable instrument system configurations for performing Dynamic Frequency Selection (DFS) tests under FCC Part 15 Subpart E Rules required for Unlicensed - National Information Infrastructure (U-NII) equipment that operates in the frequency bands 5.25 GHz to 5.35 GHz and/or 5.47 GHz to 5.725 GHz. The master and client were connected using the conducted method described in the procedure via a series of splitters and attenuators which allows the radar signals to be injected and monitored. A spectrum analyzer was used to measure and record the test signal level for each radar type (0-6) as defined in the test procedure.

RBW: ≥ 3MHz

VBW: ≥ 3MHz

Detector: Peak

SPAN: Zero

The measurement was taken using the transmission path from the signal generator to the master. The test signal level was then set equal to the DFS Detection Threshold that is required for testing.

-62dBm + 1dB(spec allowance) + 1dBi(minimum antenna gain) + 6.2dBm(measured internal EUT loss) = -53.8dBm final threshold level.

TEST SIGNAL LEVEL

NORTHWEST EMC

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EUT:	Sherwood XC			Work Order:	FOCU0212
Serial Number:	02EA3F000C28			Date:	04/28/16
Customer:	Summit Semiconductor LLC			Temperature:	22.8°C
Attendees:	David Schilling			Humidity:	46%
Project:	None			Barometric Pres.:	1010.7
Tested by:	Brandon Hobbs	Power:	1.2VDC/3.3VDC via 110VAC/60Hz	Job Site:	EV06

TEST SPECIFICATIONS	Test Method
FCC 15.407:2016	ANSI C63.10:2013

COMMENTS

The product was operating in non-isoc mode. Reference the DFS setup and master attenuation documentation for the attenuators used while under test. EUT meets EIRP < 200 milliwatt and power spectral density < 10 dBm/MHz. Final Detection Threshold Value = -53.8dBm = -62dBm + 1dB(spec allowance) + 1dBi(minimum antenna gain) + 6.2dBm(measured internal EUT loss)

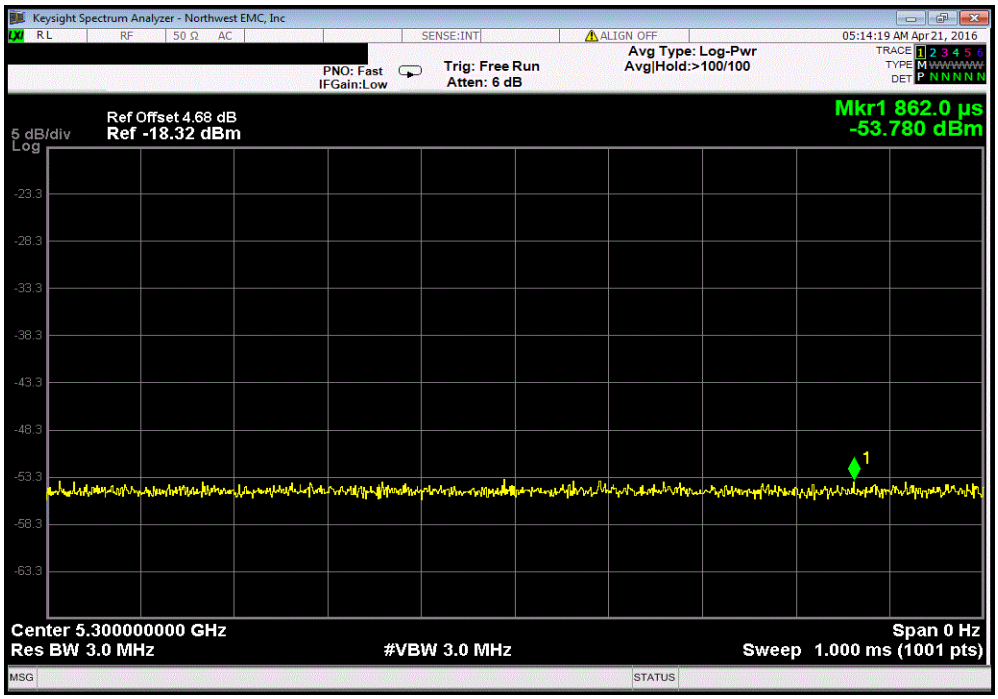
DEVIATIONS FROM TEST STANDARD

None

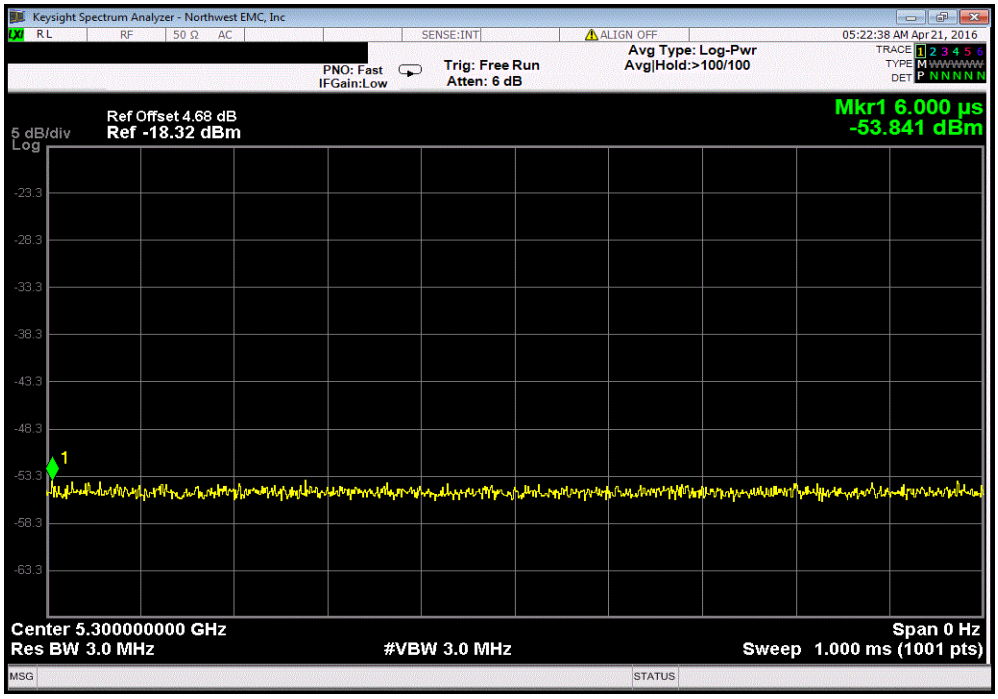
Configuration #	1	Signature

	Measured Value (dBm)	Target Value (dBm)	Result
Radar Type 0	-53.8	-53.8	N/A
Radar Type 1B	-53.8	-53.8	N/A
Radar Type 1A	-54.1	-53.8	N/A
Radar Type 2	-54.2	-53.8	N/A
Radar Type 3	-54.4	-53.8	N/A
Radar Type 4	-54.2	-53.8	N/A
Radar Type 5	-53.9	-53.8	N/A
Radar Type 6	-53.8	-53.8	N/A

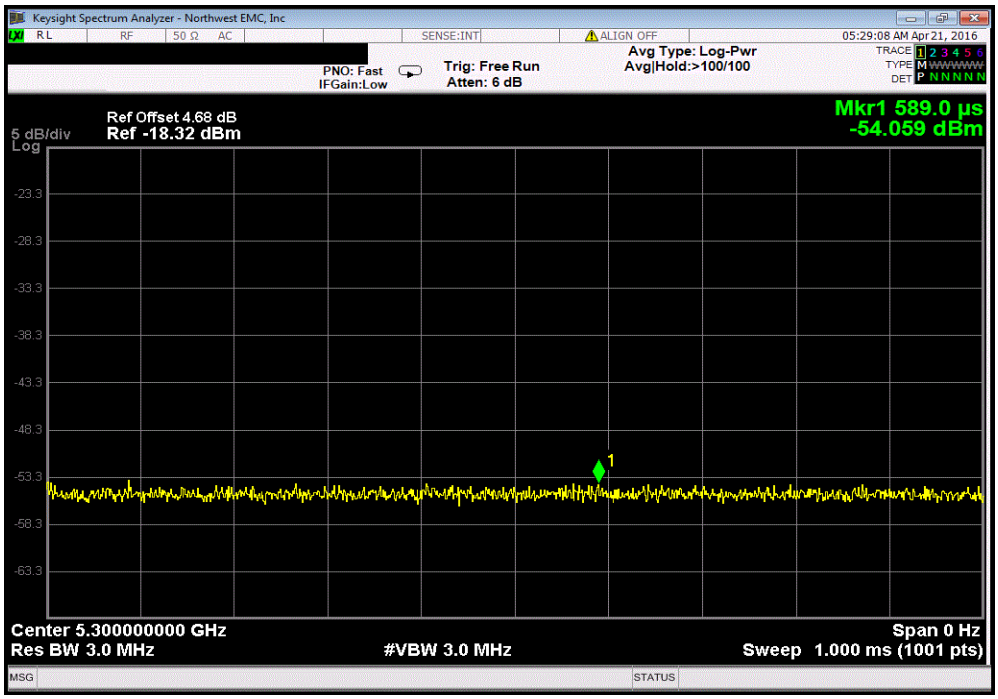
Radar Type 0						
				Measured Value (dBm)	Target Value (dBm)	Result
				-53.78	-53.8	N/A



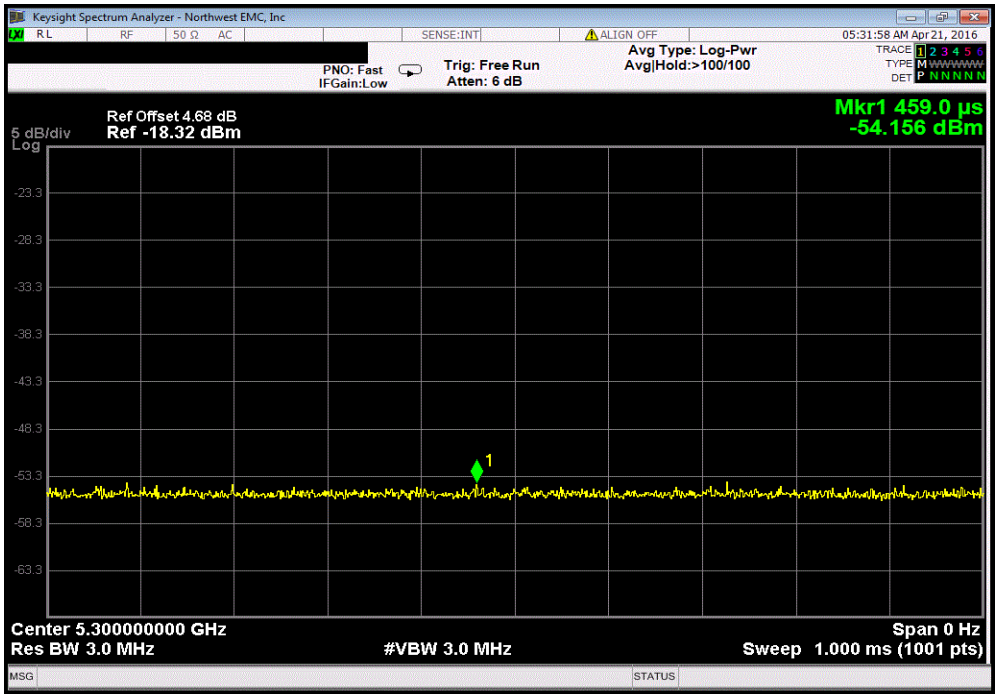
Radar Type 1B						
				Measured Value (dBm)	Target Value (dBm)	Result
				-53.84	-53.8	N/A



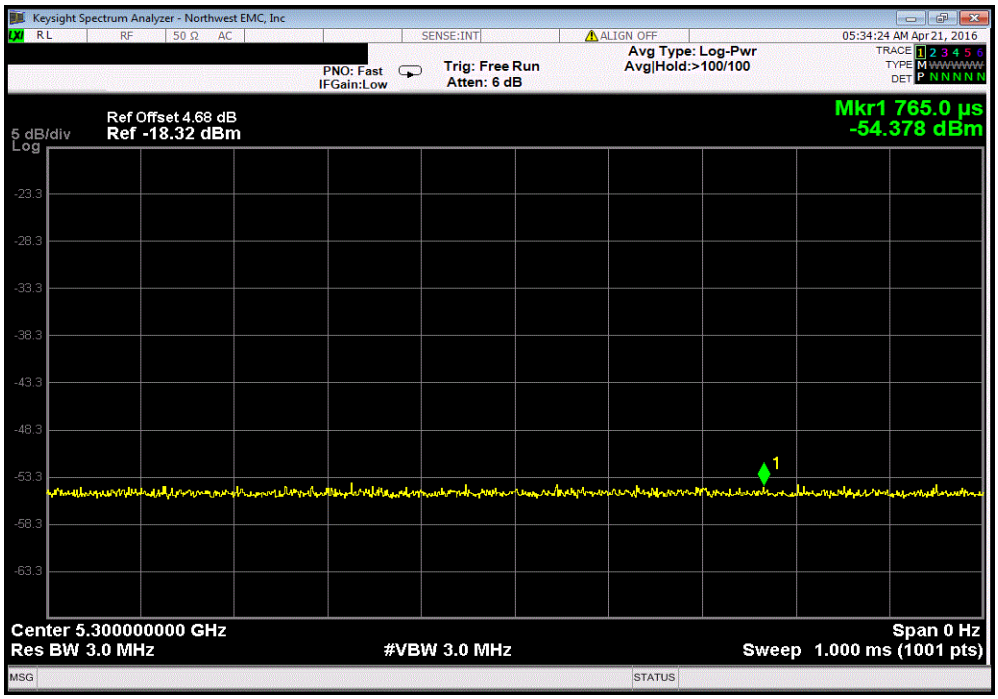
Radar Type 1A							
					Measured Value (dBm)	Target Value (dBm)	Result
					-54.06	-53.8	N/A



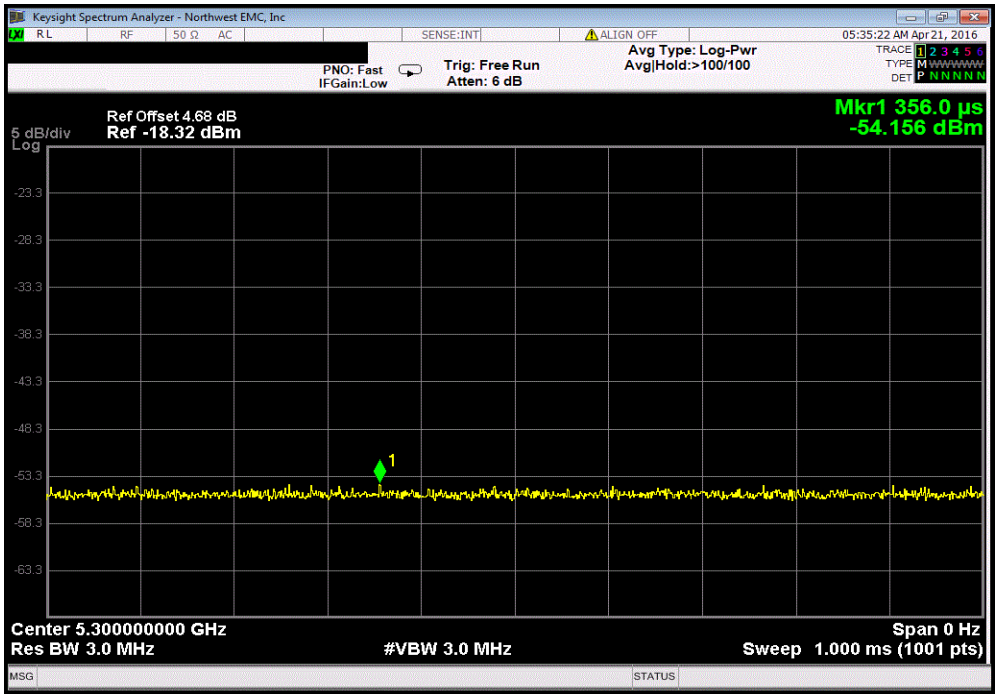
Radar Type 2							
					Measured Value (dBm)	Target Value (dBm)	Result
					-54.16	-53.8	N/A



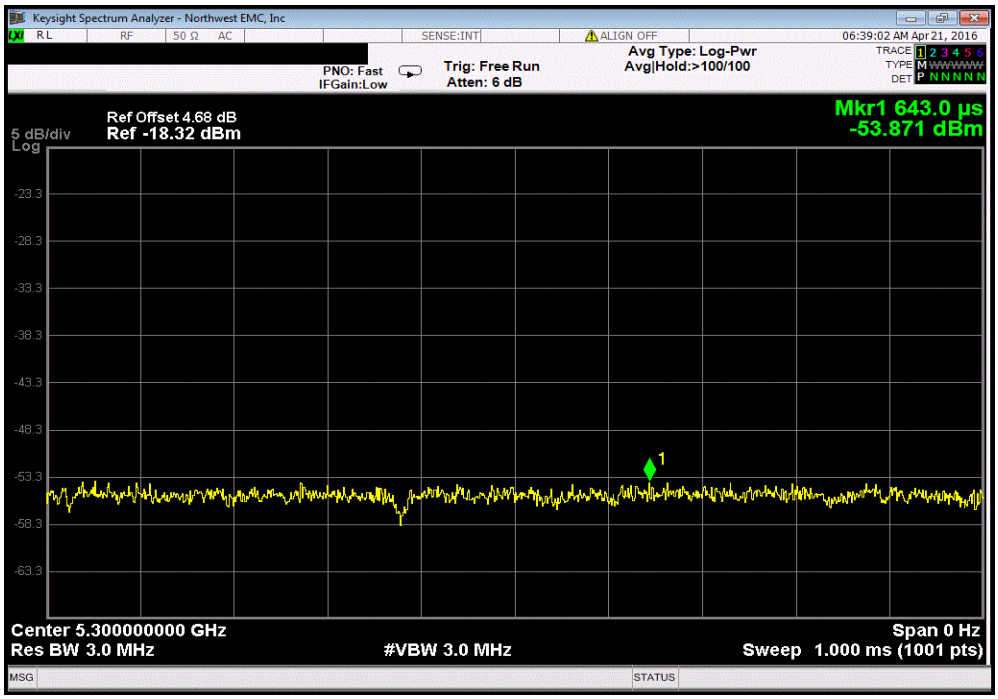
Radar Type 3						
				Measured Value (dBm)	Target Value (dBm)	Result
				-54.38	-53.8	N/A



Radar Type 4						
				Measured Value (dBm)	Target Value (dBm)	Result
				-54.16	-53.8	N/A



Radar Type 5							
					Measured Value (dBm)	Target Value (dBm)	Result
					-53.87	-53.8	N/A



Radar Type 6							
					Measured Value (dBm)	Target Value (dBm)	Result
					-53.78	-53.8	N/A