

Company: Xirrus

Test of: 520H Wireless Access Point

To: FCC CFR 47 Part 15 Subpart E 15.407

Report No.: XIRR11-U3 DFS Rev A

DFS TEST REPORT



DFS TEST REPORT

FROM



Test of: Xirrus XR520H

to

To: FCC CFR 47 Part 15 Subpart E 15.407

Test Report Serial No.: XIRR11-U3 DFS Rev A

This report supersedes: NONE

Applicant: Xirrus
2101 Corporate Center Drive
Thousand Oaks
California 91320
USA

Product Function: Outdoor Wireless LAN
Access Point

Issue Date: 24th March 2015

This Test Report is Issued Under the Authority of:

MiCOM Labs, Inc.
575 Boulder Court
Pleasanton California 94566
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MiCOM Labs is an ISO 17025 Accredited Testing Laboratory



Title: Xirrus XR520H
To: FCC CFR 47 Part 15 Subpart E 15.407
Serial #: XIRR11-U3 DFS Rev A
Issue Date: 24th March 2015
Page: 3 of 128

Contents

1. ACCREDITATION, LISTINGS & RECOGNITION.....	4
1.1. TESTING ACCREDITATION.....	4
1.2. RECOGNITION	5
1.3. PRODUCT CERTIFICATION	6
2. DOCUMENT HISTORY	7
3. TEST RESULT CERTIFICATE.....	8
4. REFERENCES AND MEASUREMENT UNCERTAINTY	9
4.1. Normative References.....	9
4.2. Test and Uncertainty Procedure.....	10
5. PRODUCT DETAILS AND TEST CONFIGURATIONS.....	11
5.1. Technical Details	11
5.2. Scope Of Test Program.....	12
5.3. Equipment Model(s) and Serial Number(s)	15
5.4. Antenna Details	15
5.5. Cabling and I/O Ports	15
5.6. Test Configurations.....	16
5.7. Equipment Modifications	16
5.8. Deviations from the Test Standard	16
6. TEST EQUIPMENT CONFIGURATION(S)	17
7. TEST METHODOLOGY	18
7.1. Dynamic Frequency Selection (DFS)	18
7.1.1. DFS Response requirement values	18
7.2. EUT Configuration	22
8. TEST RESULTS	24
8.1. Dynamic Frequency Selection (DFS)	24
9.1.1. Channel Availability Check	26
9.1.2. Channel Close / Transmission Time	41
9.1.3. Weather Radar High Band-Edge	44
9.1.4. Weather Radar Low Band-Edge	49
9.1.5. Non-Occupancy Period	54
9.1.6. Probability of Detection	59
9.1.7. Detection Bandwidth	74
10. APPENDIX.....	78
10.1. Type 5 - Injected Radar Signatures.....	78
10.2. Type 6 - Injected Radar Signatures.....	108

This test report may be reproduced in full only. The document may only be updated by MiCOM Labs personnel. All changes will be noted in the Document History section of the report.

1. ACCREDITATION, LISTINGS & RECOGNITION

1.1. TESTING ACCREDITATION

MiCOM Labs, Inc. is an accredited Electrical testing laboratory per the international standard ISO/IEC 17025:2005. The company is accredited by the American Association for Laboratory Accreditation (A2LA) www.a2la.org test laboratory number 2381.01. MiCOM Labs test schedule is available at the following URL; <http://www.a2la.org/scopepdf/2381-01.pdf>



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Title: Xirrus XR520H
To: FCC CFR 47 Part 15 Subpart E 15.407
Serial #: XIRR11-U3 DFS Rev A
Issue Date: 24th March 2015
Page: 5 of 128

1.2. RECOGNITION

MiCOM Labs, Inc has widely recognized wireless testing capabilities. Our international recognition includes Conformity Assessment Body designation by APEC MRA countries. MiCOM Labs test reports are accepted globally.

Country	Recognition Body	Status	Phase	Identification No.
USA	Federal Communications Commission (FCC)	TCB	-	US0159 Listing #: 102167
Canada	Industry Canada (IC)	FCB	APEC MRA 2	US0159 Listing #: 4143A-2 4143A-3
Japan	MIC (Ministry of Internal Affairs and Communication)	CAB	APEC MRA 2	RCB 210
	VCCI	--	--	A-0012
Europe	European Commission	NB	EU MRA	NB 2280
Australia	Australian Communications and Media Authority (ACMA)	CAB	APEC MRA 1	US0159
Hong Kong	Office of the Telecommunication Authority (OFTA)	CAB	APEC MRA 1	
Korea	Ministry of Information and Communication Radio Research Laboratory (RRL)	CAB	APEC MRA 1	
Singapore	Infocomm Development Authority (IDA)	CAB	APEC MRA 1	
Taiwan	National Communications Commission (NCC) Bureau of Standards, Metrology and Inspection (BSMI)	CAB	APEC MRA 1	
Vietnam	Ministry of Communication (MIC)	CAB	APEC MRA 1	

EU MRA – European Union Mutual Recognition Agreement.

NB – Notified Body

APEC MRA – Asia Pacific Economic Community Mutual Recognition Agreement. Recognition agreement under which test lab is accredited to regulatory standards of the APEC member countries.

Phase I - recognition for product testing

Phase II – recognition for both product testing and certification

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1.3. PRODUCT CERTIFICATION

MiCOM Labs, Inc. is an accredited Product Certification Body per the international standard ISO/IEC 17065:2012. The company is accredited by the American Association for Laboratory Accreditation (A2LA) www.a2la.org test laboratory number 2381.02. MiCOM Labs test schedule is available at the following URL; <http://www.a2la.org/scopepdf/2381-02.pdf>



United States of America – Telecommunication Certification Body (TCB)
Industry Canada – Certification Body, CAB Identifier – US0159
Europe – Notified Body (NB), NB Identifier - 2280
Japan – Recognized Certification Body (RCB), RCB Identifier - 210



Title: Xirrus XR520H
To: FCC CFR 47 Part 15 Subpart E 15.407
Serial #: XIRR11-U3 DFS Rev A
Issue Date: 24th March 2015
Page: 7 of 128

2. DOCUMENT HISTORY

Document History		
Revision	Date	Comments
Draft	18th March 2015	
Rev A	24 th March 2015	Initial Release
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In the above table the latest report revision will replace all earlier versions.

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Title: Xirrus XR520H
To: FCC CFR 47 Part 15 Subpart E 15.407
Serial #: XIRR11-U3 DFS Rev A
Issue Date: 24th March 2015
Page: 8 of 128

3. TEST RESULT CERTIFICATE

Manufacturer: Xirrus 2101 Corporate Center Drive Thousand Oaks California 91320 USA	Tested By: MiCOM Labs, Inc. 575 Boulder Court Pleasanton California 94566 USA
Model: XR520H	Telephone: +1 925 462 0304
Type Of Equipment: 802.11 a/b/g/n/ac Outdoor Wireless LAN Access Point 2x2 MIMO	Fax: +1 925 462 0306
S/N's: XR5233200618C	Website: www.micomlabs.com
Test Date(s): 6 th – 7 th March 2015	

STANDARD(S)	TEST RESULTS
FCC CFR 47 Part 15 Subpart E new 15.407 (DFS Testing Only)	EQUIPMENT COMPLIES

MiCOM Labs, Inc. tested the equipment mentioned in accordance with the requirements set forth in the above standards. Test results indicate that the equipment tested is capable of demonstrating compliance with the requirements as documented within this report.

Notes:

1. This document reports conditions under which testing was conducted and the results of testing performed.
2. Details of test methods used have been recorded and kept on file by the laboratory.
3. Test results apply only to the item(s) tested.

Approved & Released for MiCOM Labs, Inc. by:





Graeme Grieve
Quality Manager MiCOM Labs, Inc.



Gordon Hurst
President & CEO MiCOM Labs, Inc.

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4. REFERENCES AND MEASUREMENT UNCERTAINTY

4.1. Normative References

REF.	PUBLICATION	YEAR	TITLE
I	KDB 662911	Oct 31 2013	Guidance for measurement of output emission of devices that employ single transmitter with multiple outputs or systems with multiple transmitters operating simultaneously in the same frequency band
II	KDB 905462	Jun 3 2014	Test guidance to demonstrate compliance for U-NII devices subject to DFS requirements.
III	KDB 926956	June 3,2014	U-NII Device Transition Plan
IV	KDB 443999 V01r3	Sept 23rd 2014	Approval of DFS UNII The current interim procedures to approve UNII devices operating in the 5470 - 5725 MHz band with radar detection and DFS capabilities
V	KDB 789033 D02	Jun 8 2014	General UNII Test Procedures New Rules V01
VI	A2LA	April 2014	Reference to A2LA Accreditation Status – A2LA Advertising Policy
VII	ANSI C63.10	2013	American National Standard for Testing Unlicensed Wireless Devices
VIII	ANSI C63.4	2014	American National Standards for Methods of Measurement of Radio-Noise Emissions from Low-Voltage Electrical and Electronic Equipment in the Range of 9 kHz to 40 GHz
IX	CISPR 22	2008	Information technology equipment - Radio disturbance characteristics - Limits and methods of measurement
X	ETSI TR 100 028	2001-12	Parts 1 and 2 Electromagnetic compatibility and Radio Spectrum Matters (ERM); Uncertainties in the measurement of mobile radio equipment characteristics
XI	FCC 06-96	Jun 3 2006	Memorandum Opinion and Order
XII	FCC 47 CFR Part 15.407	2014	CFR Title 47 Part 15.407 – Radio Frequency Devices; Subpart E –Unlicensed National Information Infrastructure Devices
XIII	ICES-003	Issue 5 2012	Spectrum Management and Telecommunications; Interference-Causing Equipment Standard. Information Technology Equipment (ITE) – Limits and methods of measurement.
XIV	M 3003	Edition 3 Nov. 2012	Expression of Uncertainty and Confidence in Measurements
XV	RSS-210 Annex 9	2010	Radio Standards Specification 210; Low Power License-Exempt Radiocommunication Devices (All Frequency Bands): Category 1 Equipment
XVI	RSS-Gen	2010	General Requirements and Information for the Certification of Radiocommunication Equipment
XVII	KDB 644545 D03	August 14th 2014	Guidance for IEEE 802.11ac New Rules v01
XVIII	FCC 47 CFR Part 2.1033	2014	FCC requirements and rules regarding photographs and test setup diagrams.

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4.2. Test and Uncertainty Procedure

Conducted and radiated emission measurements were conducted in accordance with American National Standards Institute ANSI C63.4, listed in the Normative References section of this report.

Measurement uncertainty figures are calculated in accordance with ETSI TR 100 028 Parts 1 and 2.

Measurement uncertainties stated are based on a standard uncertainty multiplied by a coverage factor $k = 2$, providing a level of confidence of approximately 95 % in accordance with UKAS document M 3003 listed in the Normative References section of this report.



Title: Xirrus XR520H
To: FCC CFR 47 Part 15 Subpart E 15.407
Serial #: XIRR11-U3 DFS Rev A
Issue Date: 24th March 2015
Page: 11 of 128

5. PRODUCT DETAILS AND TEST CONFIGURATIONS

5.1. Technical Details

Details	Description
Purpose:	Test of the Xirrus XR520H to FCC CFR 47 Part 15 Subpart E 15.407.
Applicant:	Xirrus 2101 Corporate Center Drive Thousand Oaks California 91320 USA
Manufacturer:	As Applicant
Laboratory performing the tests:	MiCOM Labs, Inc. 575 Boulder Court Pleasanton California 94566 USA
Test report reference number:	XIRR11 U3
Date EUT received:	2 nd February 2015
Standard(s) applied:	FCC CFR 47 Part 15 Subpart E 15.407
Dates of test (from - to):	6 th – 8 th March 2015
No of Units Tested:	1
Type of Equipment:	802.11 a/b/g/n Outdoor Wireless LAN Access Point 2x2 MIMO
Product Family Name:	XR500H
Model(s):	520H
Hardware Version:	A6
Location for use:	Outdoor
Declared Frequency Range(s):	5250 - 5350 MHz; 5470 - 5725 MHz
Primary function of equipment:	Outdoor Wireless LAN Access Point
Secondary function of equipment:	None provided
Type of Modulation:	Outdoor Wireless LAN Access Point
EUT Modes of Operation:	5250 - 5350 MHz: 802.11a; 802.11n HT-20; 802.11n HT-40; 5470 - 5725 MHz: 802.11a; 802.11n HT-20; 802.11n HT-40;
Transmit/Receive Operation:	Transceiver – Half Duplex
System Beam Forming:	This device does not implement beamforming
Rated Input Voltage and Current:	POE 56Vdc 0.35A
Operating Temperature Range:	Declared Range -20°C to 55°C

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5.2. Scope Of Test Program

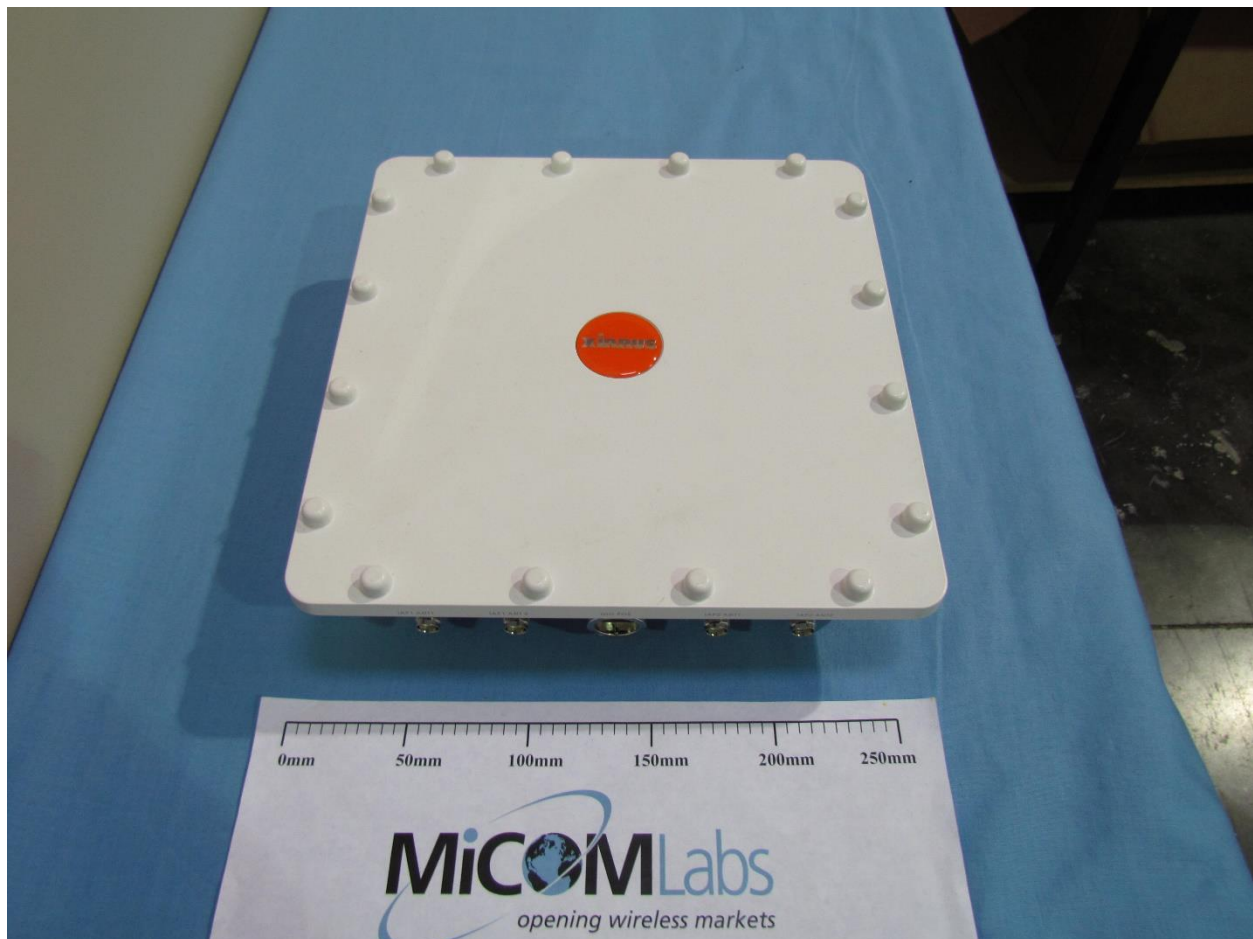
Xirrus XR520H

The scope of the test program was to test the Xirrus Inc. product family XR500H (XR520H) Wireless LAN Access Point, 2x2 Spatial Multiplexing MIMO configurations in the frequency ranges 5250 - 5350 MHz; 5470 - 5725 MHz;; for compliance against the following specification:

FCC CFR 47 Part 15 Subpart E 15.407 DFS operation only

Xirrus Inc.

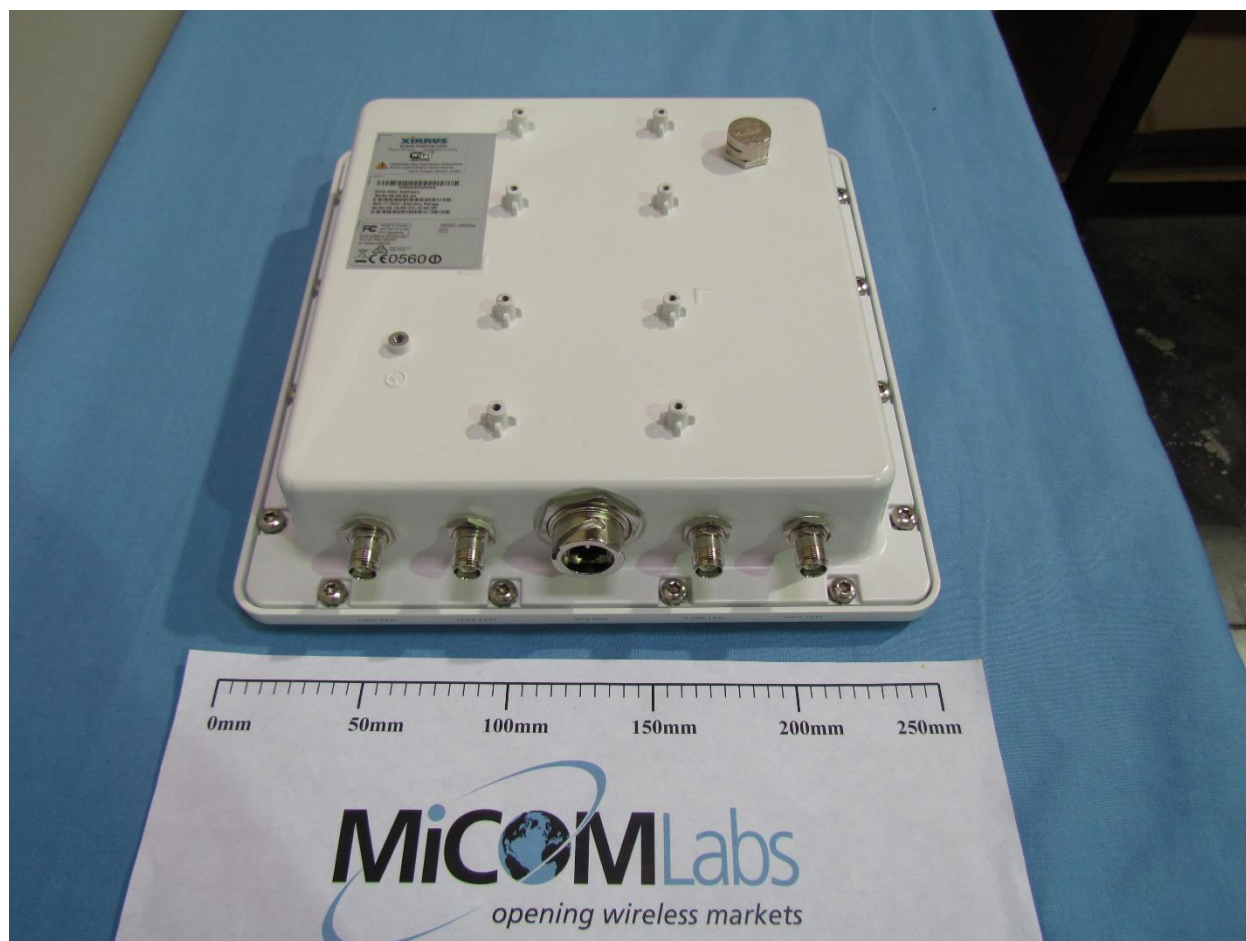
XR520H External Antenna 802.11 a/b/g/n Wireless Access Point



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Xirrus Inc.

XR520H External Antenna 802.11 a/b/g/n Wireless Access Point – Rear View

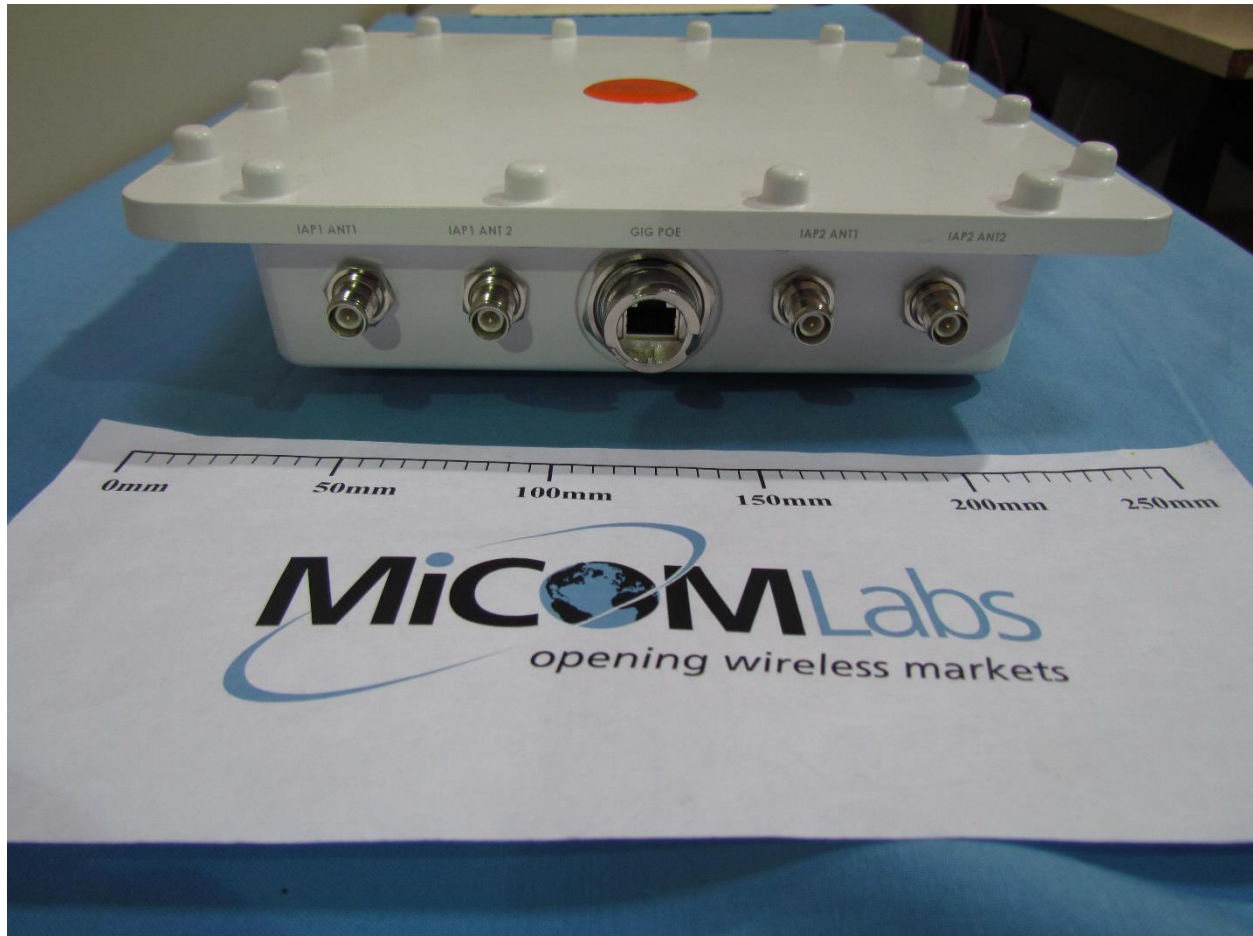


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Xirrus Inc.

XR520H External Antenna 802.11 a/b/g/n Wireless Access Point – Ports

Z



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Title: Xirrus XR520H
To: FCC CFR 47 Part 15 Subpart E 15.407
Serial #: XIRR11-U3 DFS Rev A
Issue Date: 24th March 2015
Page: 15 of 128

5.3. Equipment Model(s) and Serial Number(s)

Type	Description	Manufacturer	Model	Serial no.	Delivery Data
EUT	Wireless Access Point	Xirrus	520H	XR5233200618C	02 Feb 2015

5.4. Antenna Details

Type	Manufacturer	Model	Family	Gain (dBi)	BF Gain	Dir BW	X-Pol	Frequency Band (MHz)
Ext	Laird Technologies	RD2458-5-RTNC	Dipole	5.0	-	360	-	5150 - 5725
Ext	Eahison Communications	EHS1GA202A	Yagi	15.0	-	±45	-	5150 - 5725
Ext	Eahison Communications	EHS1GA047a	Yagi	8.0	-	±65	-	5150 - 5725
Ext	Terra Wave Solutions	M6060060MOD33607N	OMNI	6.0	-	360	-	5150 - 5725
Ext	PC-TEL	MPMI2458-6-RPSMA	OMNI	7.0	-	360	-	5150 - 5725

BF Gain - Beamforming Gain
Dir BW - Directional BeamWidth
X-Pol - Cross Polarization

5.5. Cabling and I/O Ports

Port Type	Max Cable Length	# Of Ports	Screened	Conn Type	Data Type
Ethernet	100m	1	N	RJ-45	

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Title: Xirrus XR520H
To: FCC CFR 47 Part 15 Subpart E 15.407
Serial #: XIRR11-U3 DFS Rev A
Issue Date: 24th March 2015
Page: 16 of 128

5.6. Test Configurations

Testing was performed to determine the highest power level versus bit rate. The variant with the highest power was used to exercise the product.

Operational Mode(s) (802.11a/b/g/n/ac)	Data Rate with Highest Power MBit/s	Channel Frequency (MHz)		
		Low	Mid	High
5470 - 5725 MHz				
802.11a	6	5,500.00	--	--
802.11n HT-40	13.5	5,510.00	--	--

Results for the above configurations are provided in this report

5.7. Equipment Modifications

The following modifications were required to bring the equipment into compliance:

1. NONE

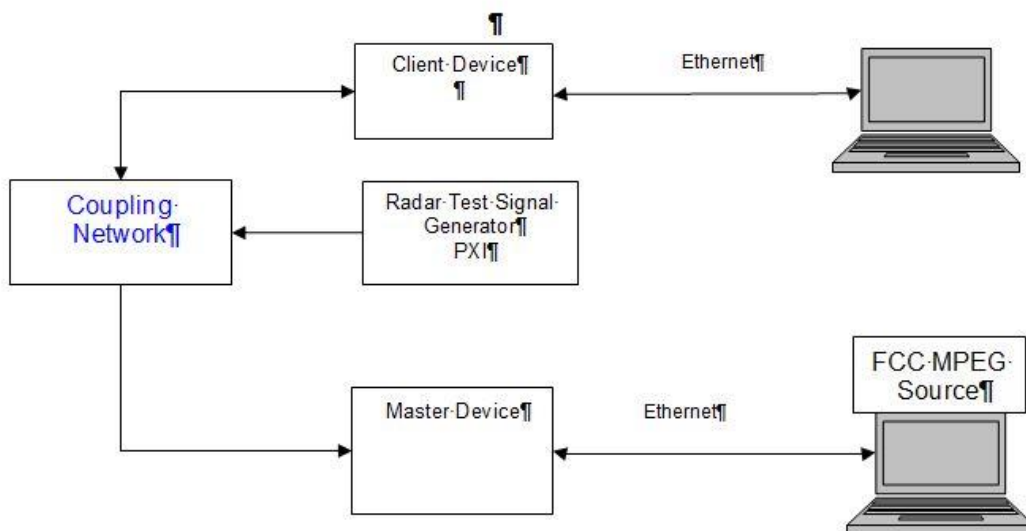
5.8. Deviations from the Test Standard

The following deviations from the test standard were required in order to complete the test program:

1. NONE

6. TEST EQUIPMENT CONFIGURATION(S)

DFS - Conducted



A full system calibration was performed on the test station and any resulting system losses (or gains) were taken into account in the production of all final measurement data.

Asset#	Description	Manufacturer	Model#	Serial#	Calibration Due Date
158	Barometer/Thermometer	Control Company	4196	E2846	04 Dec 2015
193	Receiver 20 Hz to 7 GHz	Rhode & Schwarz	ESI 7	838496/007	14 Jan 2016
299	Test Software DFS Test System	Aeroflex	DFS test Software	V2.4.0	Not Required
359	DFS System	Aeroflex	PXI-1042	300001/004	14 Apr 2015
417	Laptop for DFS with DFS software	Lenova	W520	DFS	Not Required
418	PCI-e interface card	National Instruments	Express 8360	174AAC5	Not Required
422	Splitter/Combiner	Pasternack	PE 2031	001	Cal when used
71	Spectrum Analyser 9KHz-50GHz	HP	8565E	3425A00181	06 Aug 2015
DFS PCIe#1	PCIe cable for Aeroflex	National Instruments	PCIe cable	None	Not Required
DFS SMA#1	SMA Cable for DFS	Megaphase	SMA Cable	None	Cal when used
DFS SMA#2	SMA Cable for DFS	Megaphase	SMA Cable	None	Cal when used
DFS SMA#3	SMA Cable for DFS	Megaphase	SMA Cable	None	Cal when used
DFS SMA#4	SMA Cable for DFS	Megaphase	SMA Cable	None	Cal when used

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7. TEST METHODOLOGY

7.1. Dynamic Frequency Selection (DFS)

Maximum Transmit Power	Value (see note)
≥ 200 milliwatt	-64 dBm
< 200 milliwatt	-62 dBm
Note 1: This is the level at the input of the receiver assuming a 0 dBi receive antenna	

7.1.1. DFS Response requirement values

Parameter	Value
Non-occupancy period	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 80% of the 99% power bandwidth See Note 3.

Note 1: The instant that the Channel Move Time and the Channel Closing Transmission Time begins is as follows:

For the Short pulse radar Test Signals this instant is the end of the Burst.

For the Frequency Hopping radar Test Signal, this instant is the end of the last radar Burst generated.

For the Long Pulse radar Test Signal this instant is the end of the 12 second period defining the radar transmission.

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 Channel changes (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 1 is used and for each frequency step the minimum percentage of detection is 90%. Measurements are performed with no data traffic.

Radar Test Waveforms

This section provides the parameters for required test waveforms, minimum percentage of successful detections, and the minimum number of trials that must be used for determining DFS conformance. Step intervals of 0.1 microsecond for Pulse Width, 1 microsecond for PRI, 1 MHz for chirp width and 1 for the number of pulses will be utilized for the random determination of specific test waveforms.



Short Pulse Radar Test Waveforms

Radar Type	Pulse Width (µsec)	PRI (µsec)	Number of Pulses	Minimum Percentage of Successful Detection	Minimum Trials
1	1	1428	18	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

A minimum of 30 unique waveforms are required for each of the short pulse radar types 2 through 4. For short pulse radar type 1, the same waveform is used a minimum of 30 times. If more than 30 waveforms are used for short pulse radar types 2 through 4, then each additional waveform must also be unique and not repeated from the previous waveforms. The aggregate is the average of the percentage of successful detections of short pulse radar types 1-4.

Long Pulse Radar Test Waveform

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

The parameters for this waveform are randomly chosen. Thirty unique waveforms are required for the Long Pulse radar test signal. If more than 30 waveforms are used for the Long Pulse radar test signal, then each additional waveform must also be unique and not repeated from the previous waveforms.

Each waveform is defined as follows:

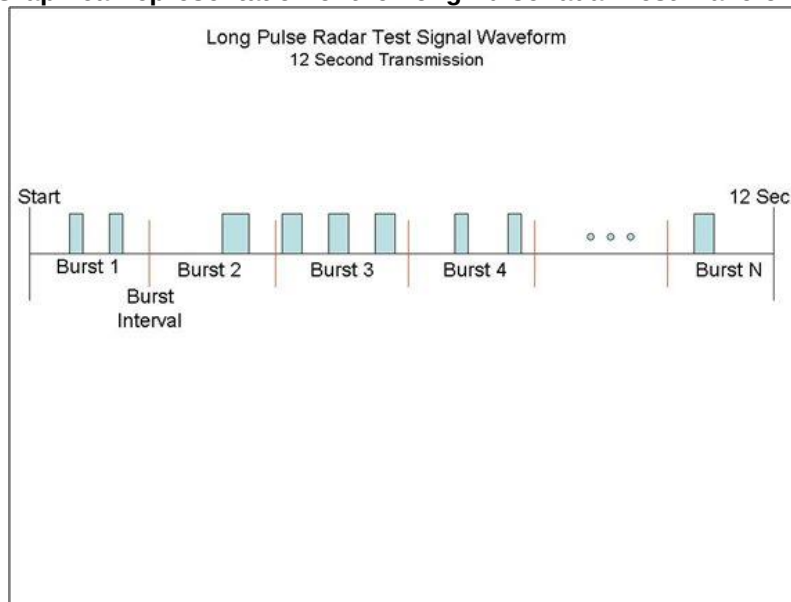
1. The transmission period for the Long Pulse Radar test signal is 12 seconds.
2. There are a total of 8 to 20 Bursts in the 12 second period, with the number of Bursts being randomly chosen. This number is Burst Count.
3. Each Burst consists of 1 to 3 pulses, with the number of pulses being randomly chosen. Each Burst within the 12 second sequence may have a different number of pulses.
4. The pulse width is between 50 and 100 microseconds, with the pulse width being randomly chosen. Each pulse within a Burst will have the same pulse width. Pulses in different Bursts may have different pulse widths.
5. Each pulse has a linear FM chirp between 5 and 20 MHz, with the chirp width being randomly chosen. Each pulse within a Burst will have the same chirp width. Pulses in different Bursts may have different chirp widths. The chirp is centered on the pulse. For example, with a radar frequency of 5300 MHz and a 20 MHz chirped signal, the chirp starts at 5290 MHz and ends at 5310 MHz.
7. If more than one pulse is present in a Burst, the time between the pulses will be between 1000 and 2000 microseconds, with the time being randomly chosen. If three pulses are present in a Burst, the time between the first and second pulses is chosen independently of the time between the second and third pulses.
8. The 12 second transmission period is divided into even intervals. The number of intervals is equal to Burst_Count. Each interval is of length $(12,000,000 / \text{Burst_Count})$ microseconds. Each interval contains one Burst. The start time for the Burst, relative to the beginning of the interval, is between 1 and

$[(12,000,000 / \text{Burst_Count}) - (\text{Total Burst Length}) + (\text{One Random PRI Interval})]$ microseconds, with the start time being randomly chosen. The step interval for the start time is 1 microsecond. The start time for each Burst is chosen independently.

A representative example of a Long Pulse radar test waveform:

- The total test signal length is 12 seconds.
- 8 Bursts are randomly generated for the Burst_Count
- Burst 1 has 2 randomly generated pulses.
- The pulse width (for both pulses) is randomly selected to be 75 microseconds.
- The PRI is randomly selected to be at 1213 microseconds.
- Bursts 2 through 8 are generated using steps 3 – 5.
- Each Burst is contained in even intervals of 1,500,000 microseconds. The starting location for Pulse 1, Burst 1 is randomly generated (1 to 1,500,000 minus the total Burst 1 length + 1 random PRI interval) at the 325,001 microsecond step. Bursts 2 through 8 randomly fall in successive 1,500,000 microsecond intervals (i.e. Burst 2 falls in the 1,500,001 – 3,000,000 microsecond range).

Graphical representation of the Long Pulse radar Test Waveform.



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 Trials
6	1	333	9	.333	300	70%	30

For the Frequency Hopping Radar Type, the same Burst parameters are used for each waveform. The hopping sequence is different for each waveform and a 100-length segment is selected from the hopping sequence defined by the following algorithm:



Title: Xirrus XR520H
To: FCC CFR 47 Part 15 Subpart E 15.407
Serial #: XIRR11-U3 DFS Rev A
Issue Date: 24th March 2015
Page: 21 of 128

Radar Waveform Calibration

The following equipment setup was used to calibrate the Radar Waveform. A spectrum analyzer was used to establish the test signal level for each radar type. During this process there were no transmissions by either the Master or Client Device. The spectrum analyzer was switched to the zero span (Time Domain) mode at the frequency of the Radar Waveform generator. Peak detection was utilized. The spectrum analyzer resolution bandwidth (RBW) and video bandwidth (VBW) were set to 3 MHz.

The signal generator amplitude was set so that the power level measured at the spectrum analyzer was -61dBm (Ref Section 5.1). The 30dB amplifier gain was entered as an amplitude offset on the spectrum analyzer.

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Title: Xirrus XR520H
To: FCC CFR 47 Part 15 Subpart E 15.407
Serial #: XIRR11-U3 DFS Rev A
Issue Date: 24th March 2015
Page: 22 of 128

7.2. EUT Configuration

Applicability of DFS Requirements Prior to Use of a Channel (Ref Table 1 of FCC 06-96)

Requirement	Operational Mode		
	Master	Client Without Radar Detection	Client With Radar Detection
Non-Occupancy Period	Yes	Not required	Yes
DFS Detection Threshold	Yes	Not required	Yes
Channel Availability Check Time	Yes	Not required	Not required
Uniform Spreading	Yes	Not required	Not required
U-NII Detection Bandwidth	Yes	Not required	Yes

Applicability of DFS requirements during normal operation (Ref Table 2 of FCC 06-96)

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

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Title: Xirrus XR520H
To: FCC CFR 47 Part 15 Subpart E 15.407
Serial #: XIRR11-U3 DFS Rev A
Issue Date: 24th March 2015
Page: 23 of 128

Product Configuration

The EUT is a Master Device with radar detection.

For the frequency band(s) 5,250 - 5,350 MHz / 5,470 – 5,725 MHz, the client declared that the device provides an aggregate uniform loading of the spectrum across all devices by selecting an operating channel among the available channels using a random algorithm.

Testing was performed using the following test methodology: Conducted

Declared minimum antenna gain: 5 dBi

Radio parameters: Transmit Power: Maximum Data Rate: 18 Mbit/s
Number of Chains: 2

Test Communication Throughput Methodology

The requisite MPEG video file ("TestFile.mpg" available on the NTIA website at the following link <http://ntiacsd.ntia.doc.gov/dfs/>) is used during this video stream.

EUT Software Image:

Software Version : XR 7.1 Build number : None Provided

Measurement Results - Dynamic Frequency Selection (DFS)

Ambient conditions. Temperature: 17 to 23 °C Relative humidity: 31 to 57% Pressure: 999 to 1012 mbar



8. TEST RESULTS

8.1. Dynamic Frequency Selection (DFS)

9. 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

Additional requirements for devices with multiple bandwidth modes	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 the 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.

The operational behavior and individual DFS requirements that are associated with these modes are as follows:

Master Devices

- The Master Device will use DFS in order to detect Radar Waveforms with received signal strength above the DFS Detection Threshold in the 5250 – 5350 MHz and 5470 – 5725 MHz bands. DFS is not required in the 5150 – 5250 MHz or 5725 – 5825 MHz bands.
- Before initiating a network on a Channel, the Master Device will perform a Channel Availability Check for a specified time duration (Channel Availability Check Time) to ensure that there is no radar system operating on the Channel, using DFS described under subsection a) above.
- The Master Device initiates a U-NII network by transmitting control signals that will enable other U-NII devices to Associate with the Master Device.
- During normal operation, the Master Device will monitor the Channel (In-Service Monitoring) to ensure that there is no radar system operating on the Channel, using DFS described under a).
- If the Master Device has detected a Radar Waveform during In-Service Monitoring as described under d), the Operating Channel of the U-NII network is no longer an Available Channel. The Master Device will instruct all associated Client Device(s) to stop transmitting on this Channel within the Channel Move Time. The transmissions during the Channel Move Time will be limited to the Channel Closing Transmission Time.
- Once the Master Device has detected a Radar Waveform it will not utilize the Channel for the duration of the Non-Occupancy Period.
- If the Master Device delegates the In-Service Monitoring to a Client Device, then the combination will be tested to the requirements described under d) through f) above.

Client Devices

- A Client Device will not transmit before having received appropriate control signals from a Master Device.

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b) A Client Device will stop all its transmissions whenever instructed by a Master Device to which it is associated and will meet the Channel Move Time and Channel Closing Transmission Time requirements. The Client Device will not resume any transmissions until it has again received control signals from a Master Device.

c) If a Client Device is performing In-Service Monitoring and detects a Radar Waveform above the DFS Detection Threshold, it will inform the Master Device. This is equivalent to the Master Device detecting the Radar Waveform and d) through f) of section 5.1.1 apply.

d) Irrespective of Client Device or Master Device detection the Channel Move Time and Channel Closing Transmission Time requirements remain the same.

e) The client test frequency must be monitored to ensure no transmission of any type has occurred for 30 minutes. Note: If the client moves with the master, the device is considered compliant if nothing appears in the client non-occupancy period test. For devices that shutdown (rather than moving channels), no beacons should appear.

DFS Detection Thresholds

The Table below provides the DFS Detection Thresholds for Master Devices as well as Client Devices incorporating In-Service Monitoring

DFS Detection Thresholds for Master Devices with Radar Detection

Maximum Transmit Power	Value (see Notes 1, 2 and 3)
EIRP $\geq$ 200 milliwatt	-64 dBm
EIRP $\leq$ 200 milliwatt and power density $\leq$ 10 dBm/MHz	-62 dBm
EIRP $\leq$ 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.

NOTE 3: EIRP is based on the highest antenna gain. For MIMO devices refer to KDB Publication 662911 D01.

Response Requirements

The following table provides the response requirements for Master and Client Devices incorporating DFS.

DFS Response Requirement Values

Parameter	Value
Non-Occupancy Period	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 U-NII 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.

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9.1.1. Channel Availability Check

9.1.1.1. Initial CAC

This test verifies that the EUT does not emit pulse, control, or data signals on the test Channel until the power-up sequence has been completed and the U-NII device checks for Radar Waveforms for one minute on the test Channel. This test does not inject a Radar Waveforms.

The U-NII device is powered on and be instructed to operate at the channel of interest. At the same time the EUT is powered on, the spectrum analyzer is set for zero span with a 1 MHz resolution bandwidth with a 260 second sweep time. The analyzer's sweep will be started the same time power is applied to the U-NII device.

The EUT should not transmit any pulse or data transmissions until at least 1 minute after the completion of the power-on cycle.

The first red marker line shown on the following plot denotes the instant when the EUT starts its power-up sequence i.e. Marker M4. The power-up reference T_0 (defined per FCC's MO&O 06-96 Normative Reference 2 is determined by the time it takes for the EUT to start "beaconing" i.e. initial beacon – 60 secs = end of power-up.

The Channel Availability Check Time commences at instant T_0 and will end no sooner than $T_0 + 60$ seconds.



Title: Xirrus XR520H
To: FCC CFR 47 Part 15 Subpart E 15.407
Serial #: XIRR11-U3 DFS Rev A
Issue Date: 24th March 2015
Page: 27 of 128

Equipment Configuration for Initial CAC

Variant:	802.11a	Duty Cycle (%):	35.00
Data Rate:	18	Antenna Gain (dBi):	5
Modulation:	OFDM	Beam Forming Gain (Y):	Not Applicable
TPC:		Tested By:	BJ
Engineering Test Notes:			

Test Measurement Results

INITIAL CAC

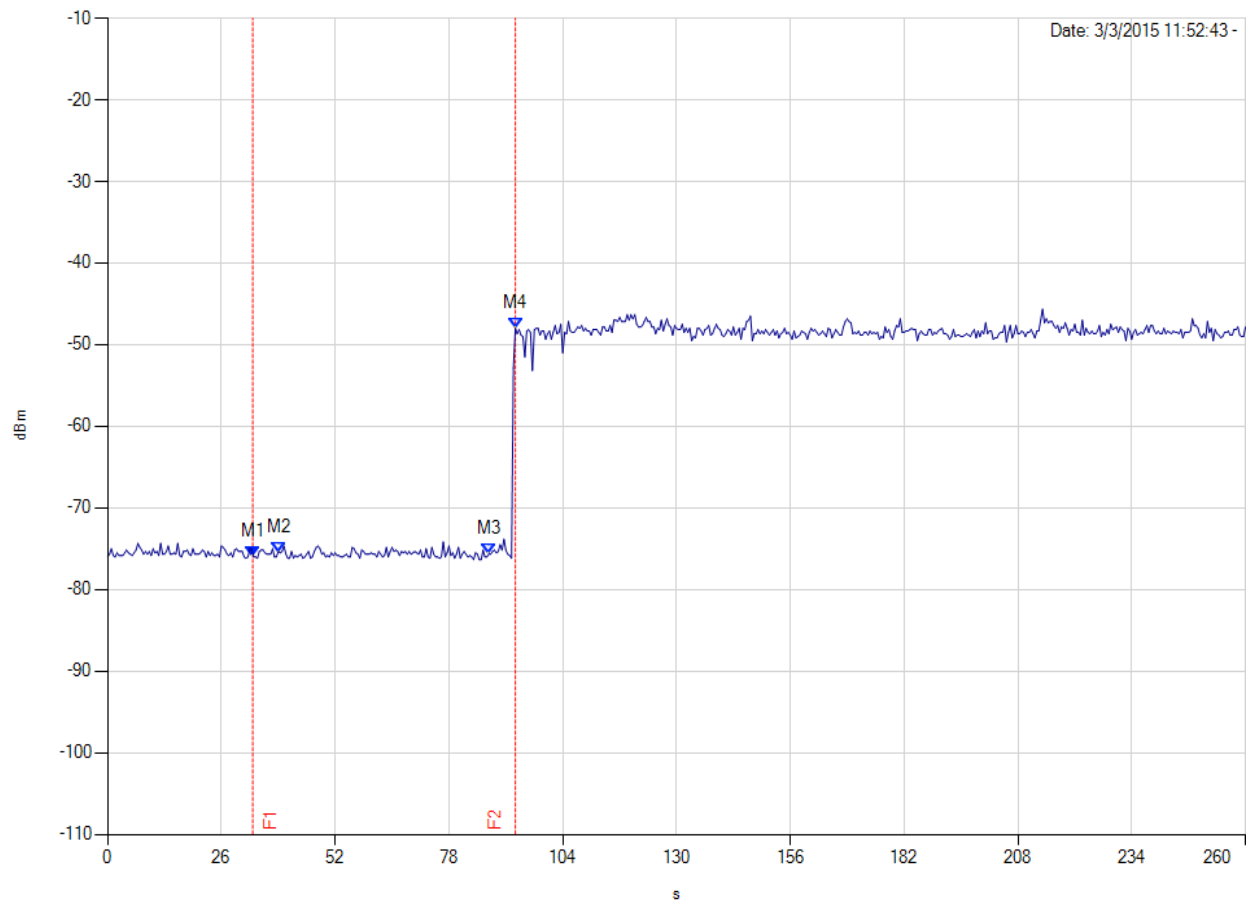


Variant: 802.11a, Channel: 5500.00 MHz

Ref Level: -10.00 DBM
0.0 dB Offset

Sweep Time: 260.0 s

RBW: 1 MHz
VBW: 1 MHz



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Title: Xirrus XR520H
To: FCC CFR 47 Part 15 Subpart E 15.407
Serial #: XIRR11-U3 DFS Rev A
Issue Date: 24th March 2015
Page: 28 of 128

Analyser Setup	Marker:Time:Amplitude	Test Results
Detector = POS Sweep Count = View RF Atten (dB) = 0 Trace Mode = 0	M1 : 33.170 s : -76.000 dBm M2 : 39.170 s : -75.500 dBm M3 : 87.170 s : -75.660 dBm M4 : 93.170 s : -48.000 dBm	Channel Frequency: 5500.00 MHz

[Back to Matrix](#)

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Title: Xirrus XR520H
To: FCC CFR 47 Part 15 Subpart E 15.407
Serial #: XIRR11-U3 DFS Rev A
Issue Date: 24th March 2015
Page: 29 of 128

Equipment Configuration for Initial CAC

Variant:	802.11n HT40	Duty Cycle (%):	35.00
Data Rate:	18	Antenna Gain (dBi):	5
Modulation:	OFDM	Beam Forming Gain (Y):	Not Applicable
TPC:		Tested By:	BJ
Engineering Test Notes:			

Test Measurement Results

INITIAL CAC

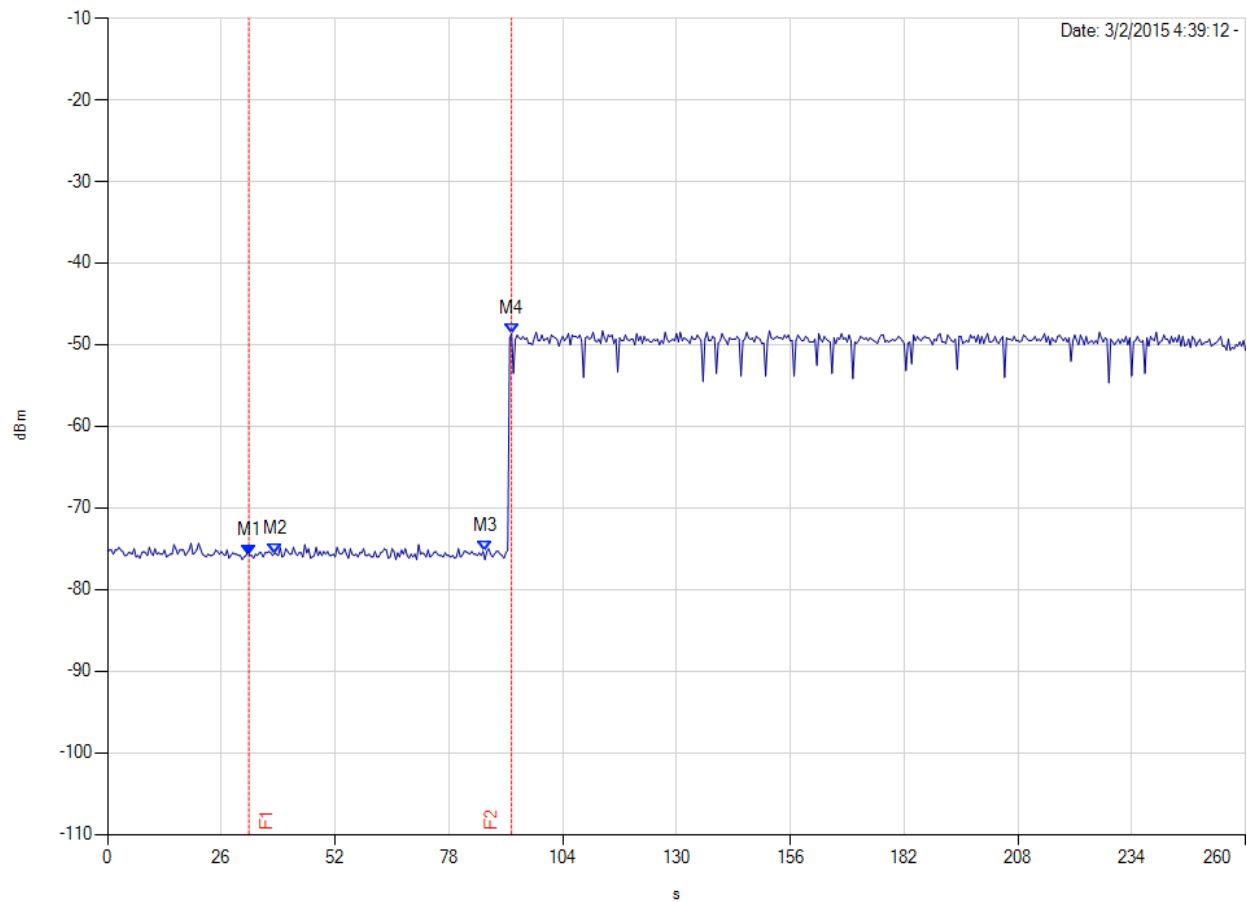


Variant: 802.11n HT40, Channel: 5510.00 MHz

Ref Level: -10.00 DBM
0.0 dB Offset

Sweep Time: 260.0 s

RBW: 1 MHz
VBW: 1 MHz



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Title: Xirrus XR520H
To: FCC CFR 47 Part 15 Subpart E 15.407
Serial #: XIRR11-U3 DFS Rev A
Issue Date: 24th March 2015
Page: 30 of 128

Analyser Setup	Marker:Time:Amplitude	Test Results
Detector = POS Sweep Count = View RF Atten (dB) = 0 Trace Mode = 0	M1 : 32.300 s : -75.830 dBm M2 : 38.300 s : -75.660 dBm M3 : 86.300 s : -75.330 dBm M4 : 92.300 s : -48.660 dBm	Channel Frequency: 5510.00 MHz

[Back to Matrix](#)

This test report may be reproduced in full only. The document may only be updated by MiCOM Labs personnel. All changes will be noted in the Document History section of the report.



Title: Xirrus XR520H
To: FCC CFR 47 Part 15 Subpart E 15.407
Serial #: XIRR11-U3 DFS Rev A
Issue Date: 24th March 2015
Page: 31 of 128

9.1.1.2. Beginning CAC

The steps below define the procedure to verify successful radar detection on the selected Channel during a period equal to the Channel Availability Check Time and avoidance of operation on that Channel when a radar Burst with a level equal to the DFS Detection Threshold is injected at the beginning of the Channel Availability Check Time.

A single Burst of short pulse of radar Type 1 will commence within a 6 second window starting at T_0 (first red marker line on the following plot).

Visual indication on the EUT of successful detection of the radar Burst will be recorded and reported. Observation of emissions at 5,500MHz 802.11a & 5,510MHz, 802.11n HT40, 5530MHz, and will continue for 2.5 minutes after the radar burst has been generated.



Title: Xirrus XR520H
To: FCC CFR 47 Part 15 Subpart E 15.407
Serial #: XIRR11-U3 DFS Rev A
Issue Date: 24th March 2015
Page: 32 of 128

Equipment Configuration for Beginning CAC

Variant:	802.11a	Duty Cycle (%):	35.00
Data Rate:	18	Antenna Gain (dBi):	5
Modulation:	OFDM	Beam Forming Gain (Y):	Not Applicable
TPC:		Tested By:	BJ
Engineering Test Notes:			

Test Measurement Results

BEGINNING CAC

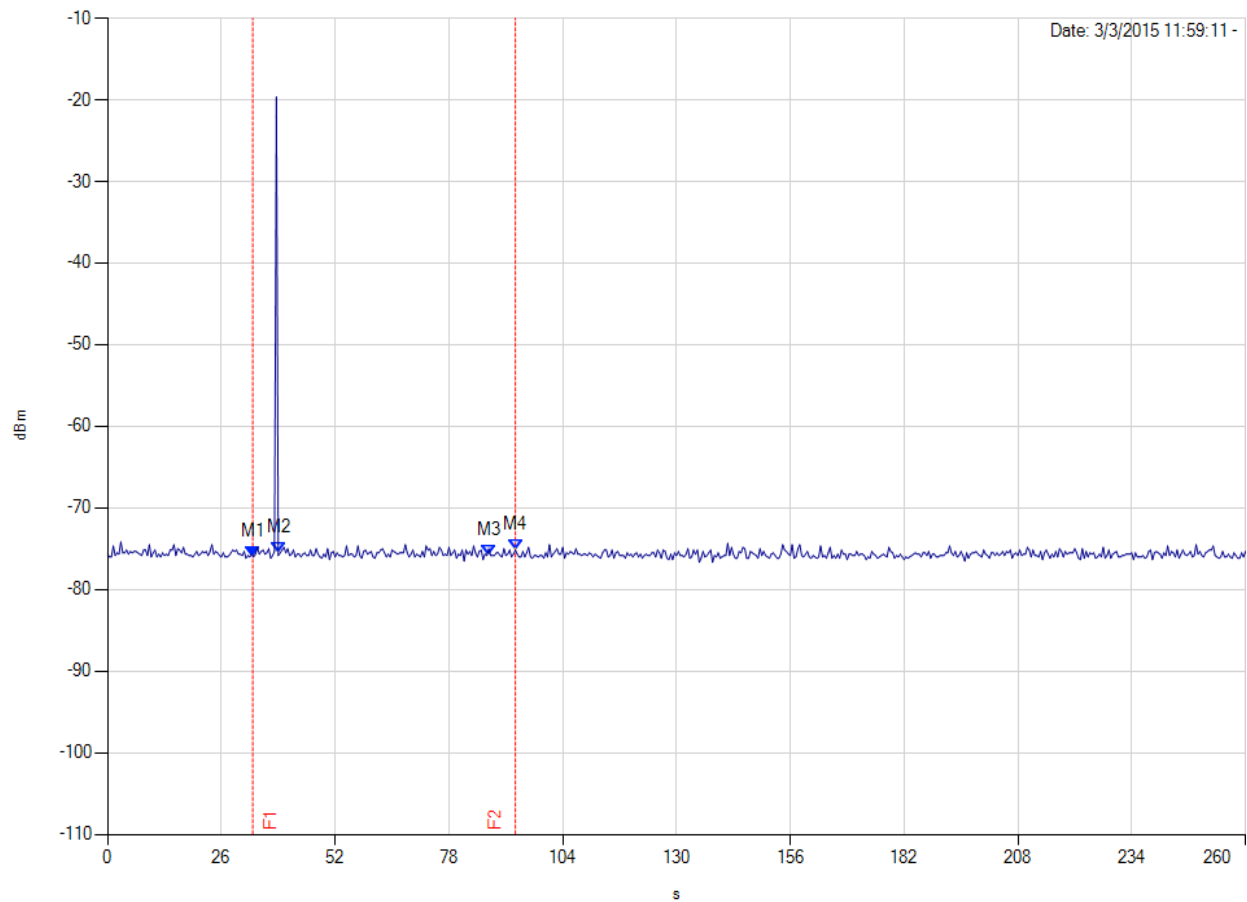


Variant: 802.11a, Channel: 5500.00 MHz

Ref Level: -10.00 DBM
0.0 dB Offset

Sweep Time: 260.0 s

RBW: 1 MHz
VBW: 1 MHz



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Title: Xirrus XR520H
To: FCC CFR 47 Part 15 Subpart E 15.407
Serial #: XIRR11-U3 DFS Rev A
Issue Date: 24th March 2015
Page: 33 of 128

Analyser Setup	Marker:Time:Amplitude	Test Results
Detector = POS Sweep Count = View RF Atten (dB) = 0 Trace Mode = 0	M1 : 33.170 s : -76.000 dBm M2 : 39.170 s : -75.500 dBm M3 : 87.170 s : -75.830 dBm M4 : 93.170 s : -75.160 dBm	Channel Frequency: 5500.00 MHz

[Back to Matrix](#)

This test report may be reproduced in full only. The document may only be updated by MiCOM Labs personnel. All changes will be noted in the Document History section of the report.



Title: Xirrus XR520H
To: FCC CFR 47 Part 15 Subpart E 15.407
Serial #: XIRR11-U3 DFS Rev A
Issue Date: 24th March 2015
Page: 34 of 128

Equipment Configuration for Beginning CAC

Variant:	802.11n HT40	Duty Cycle (%):	35.00
Data Rate:	18	Antenna Gain (dBi):	5
Modulation:	OFDM	Beam Forming Gain (Y):	Not Applicable
TPC:		Tested By:	BJ
Engineering Test Notes:			

Test Measurement Results

BEGINNING CAC

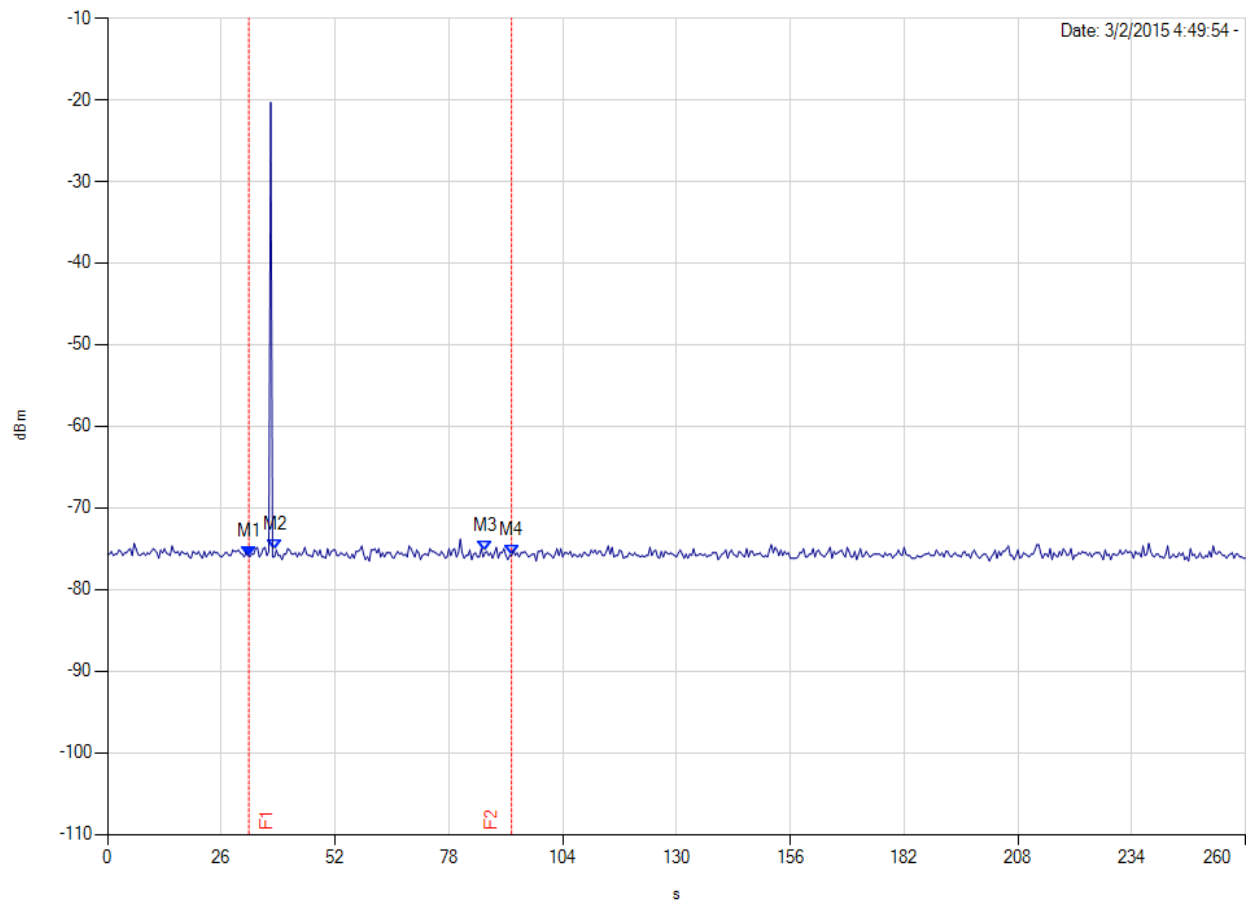


Variant: 802.11n HT40, Channel: 5510.00 MHz

Ref Level: -10.00 DBM
0.0 dB Offset

Sweep Time: 260.0 s

RBW: 1 MHz
VBW: 1 MHz



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Title: Xirrus XR520H
To: FCC CFR 47 Part 15 Subpart E 15.407
Serial #: XIRR11-U3 DFS Rev A
Issue Date: 24th March 2015
Page: 35 of 128

Analyser Setup	Marker:Time:Amplitude	Test Results
Detector = POS Sweep Count = View RF Atten (dB) = 0 Trace Mode = 0	M1 : 32.300 s : -76.000 dBm M2 : 38.300 s : -75.160 dBm M3 : 86.300 s : -75.330 dBm M4 : 92.300 s : -75.830 dBm	Channel Frequency: 5510.00 MHz

[Back to Matrix](#)

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9.1.1.3. End CAC

The steps below define the procedure to verify successful radar detection on the selected Channel during a period equal to the Channel Availability Check Time and avoidance of operation on that Channel when a radar Burst with a level equal to the DFS Detection Threshold occurs at the end of the Channel Availability Check Time.

A single Burst of short pulse of radar type 1 will commence within a 6 second window starting at $T_0 + 54$ seconds. The window will commence at marker M3 and end at the red frequency line denoted by M4.

Visual indication on the EUT of successful detection of the radar Burst will be recorded and reported. Observation of transmission on the channel of interest will continue for 2.5 minutes after the radar burst has been generated.



Title: Xirrus XR520H
To: FCC CFR 47 Part 15 Subpart E 15.407
Serial #: XIRR11-U3 DFS Rev A
Issue Date: 24th March 2015
Page: 37 of 128

Equipment Configuration for End CAC

Variant:	802.11a	Duty Cycle (%):	35.00
Data Rate:	18	Antenna Gain (dBi):	5
Modulation:	OFDM	Beam Forming Gain (Y):	Not Applicable
TPC:		Tested By:	BJ
Engineering Test Notes:			

Test Measurement Results

END CAC

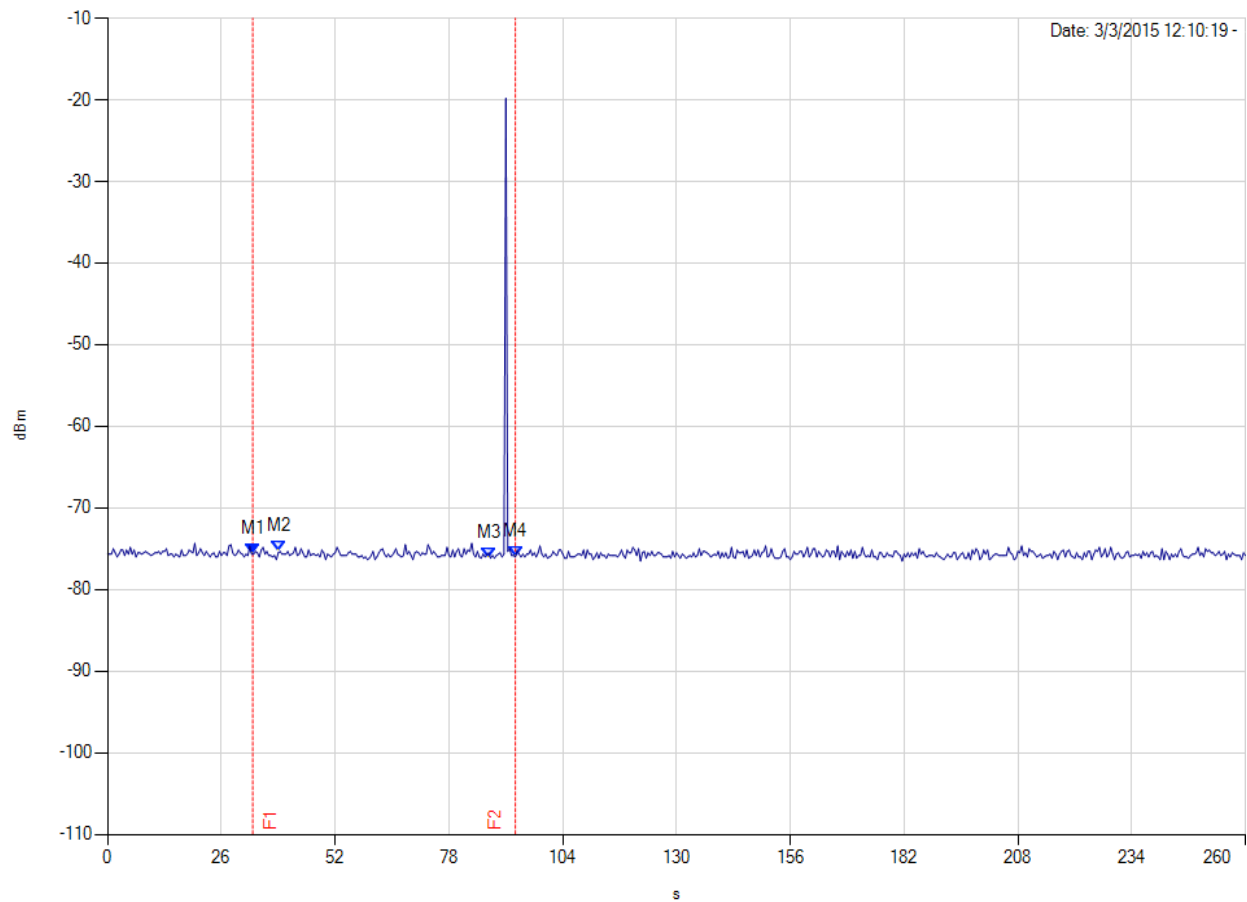


Variant: 802.11a, Channel: 5500.00 MHz

Ref Level: -10.00 DBM
0.0 dB Offset

Sweep Time: 260.0 s

RBW: 1 MHz
VBW: 1 MHz



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Title: Xirrus XR520H
To: FCC CFR 47 Part 15 Subpart E 15.407
Serial #: XIRR11-U3 DFS Rev A
Issue Date: 24th March 2015
Page: 38 of 128

Analyser Setup	Marker:Time:Amplitude	Test Results
Detector = POS Sweep Count = View RF Atten (dB) = 0 Trace Mode = 0	M1 : 33.170 s : -75.660 dBm M2 : 39.170 s : -75.330 dBm M3 : 87.170 s : -76.160 dBm M4 : 93.170 s : -76.000 dBm	Channel Frequency: 5500.00 MHz

[Back to Matrix](#)

This test report may be reproduced in full only. The document may only be updated by MiCOM Labs personnel. All changes will be noted in the Document History section of the report.



Title: Xirrus XR520H
To: FCC CFR 47 Part 15 Subpart E 15.407
Serial #: XIRR11-U3 DFS Rev A
Issue Date: 24th March 2015
Page: 39 of 128

Equipment Configuration for End CAC

Variant:	802.11n HT40	Duty Cycle (%):	35.00
Data Rate:	18	Antenna Gain (dBi):	5
Modulation:	OFDM	Beam Forming Gain (Y):	Not Applicable
TPC:		Tested By:	BJ
Engineering Test Notes:			

Test Measurement Results

END CAC

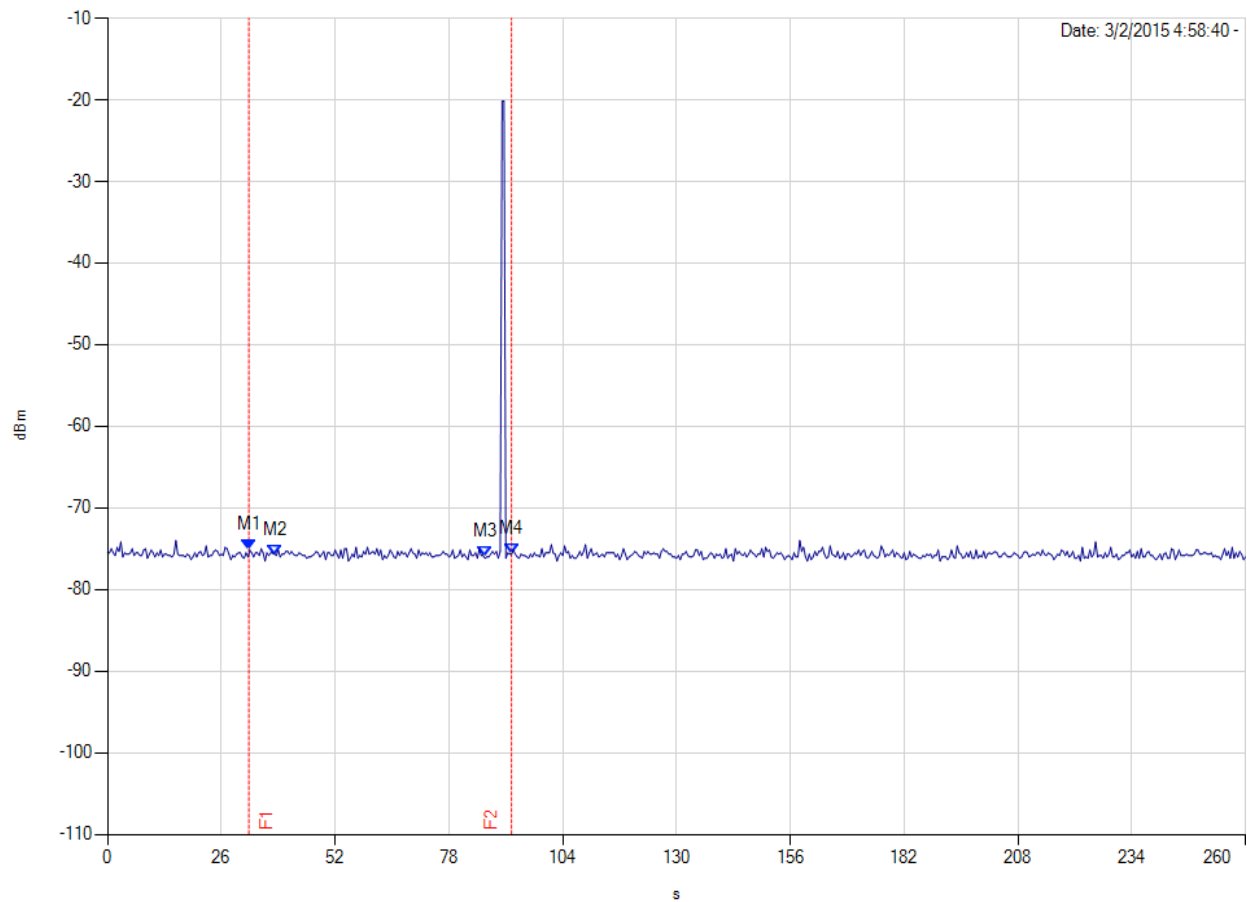


Variant: 802.11n HT40, Channel: 5510.00 MHz

Ref Level: -10.00 DBM
0.0 dB Offset

Sweep Time: 260.0 s

RBW: 1 MHz
VBW: 1 MHz



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Title: Xirrus XR520H
To: FCC CFR 47 Part 15 Subpart E 15.407
Serial #: XIRR11-U3 DFS Rev A
Issue Date: 24th March 2015
Page: 40 of 128

Analyser Setup	Marker:Time:Amplitude	Test Results
Detector = POS Sweep Count = View RF Atten (dB) = 0 Trace Mode = 0	M1 : 32.300 s : -75.160 dBm M2 : 38.300 s : -75.830 dBm M3 : 86.300 s : -76.000 dBm M4 : 92.300 s : -75.660 dBm	Channel Frequency: 5510.00 MHz

[Back to Matrix](#)

This test report may be reproduced in full only. The document may only be updated by MiCOM Labs personnel. All changes will be noted in the Document History section of the report.



Title: Xirrus XR520H
To: FCC CFR 47 Part 15 Subpart E 15.407
Serial #: XIRR11-U3 DFS Rev A
Issue Date: 24th March 2015
Page: 41 of 128

9.1.2. Channel Close / Transmission Time

The steps below define the procedure to determine the Channel Close and Transmission Times when a radar burst with a level equal to the DFS Detection Threshold is generated on the operating channel of the U-NII device.

Channel Closing Transmission Time and Channel Mode Time - Measurement

The test system was set-up to capture all transmission data for access point events above a threshold level of -50 dBm. The test equipment time stamps all captured events.

The selected radar waveform was introduced to the EUT, from which a 12 second transmission record was digitally captured. The start of the radar waveform is indicated in the test result plot as "Start Waveform", the end of the waveform is indicated as "End waveform".

Channel Closing Transmission Time, and the Channel Move Time start immediately after the last radar pulse is transmitted.

The aggregate of all pulses seen after the end of the radar injection are measured as the "Channel Closing Transmission time".

The last EUT activity after the end of the radar pulse is identified and used to determine the "Channel Mode Time"



Title: Xirrus XR520H
To: FCC CFR 47 Part 15 Subpart E 15.407
Serial #: XIRR11-U3 DFS Rev A
Issue Date: 24th March 2015
Page: 42 of 128

Frequency 5500 MHz Channel 100

The PXI system measures and aggregates the pulses occurring after the end of the radar pulse to determine:-

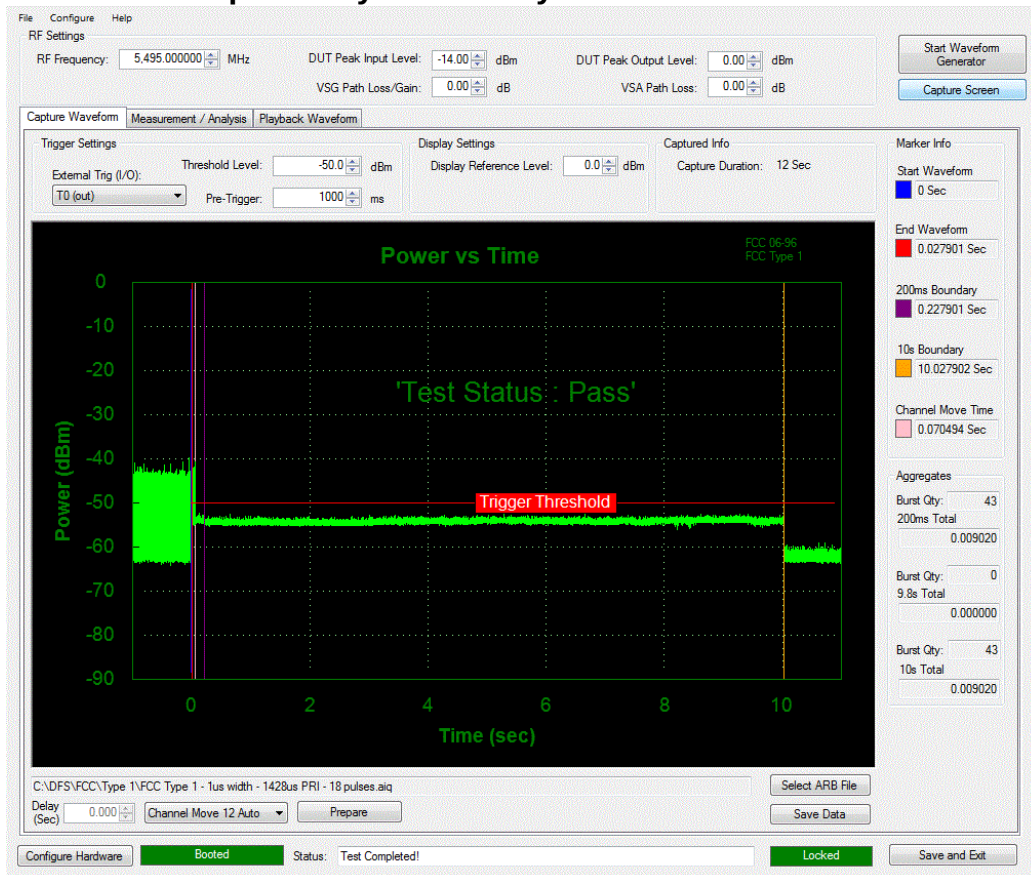
1) Channel Closing Transmission Time (limit is 1 second)

2) Channel Move Time (limit is 10 seconds)

1) Channel Closing Transmission Time = 0.902 mSecs (limit 250 mSec)

2) Channel Move Time = 70.49 mSecs (limit is 10 seconds)

**Channel Move Time, Channel Closing Transmission Time for Type 1 Radar
Captured by the Test System - 0-12 Seconds**



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Title: Xirrus XR520H
To: FCC CFR 47 Part 15 Subpart E 15.407
Serial #: XIRR11-U3 DFS Rev A
Issue Date: 24th March 2015
Page: 43 of 128

Frequency 5510 MHz Channel 102

The PXI system measures and aggregates the pulses occurring after the end of the radar pulse to determine;-

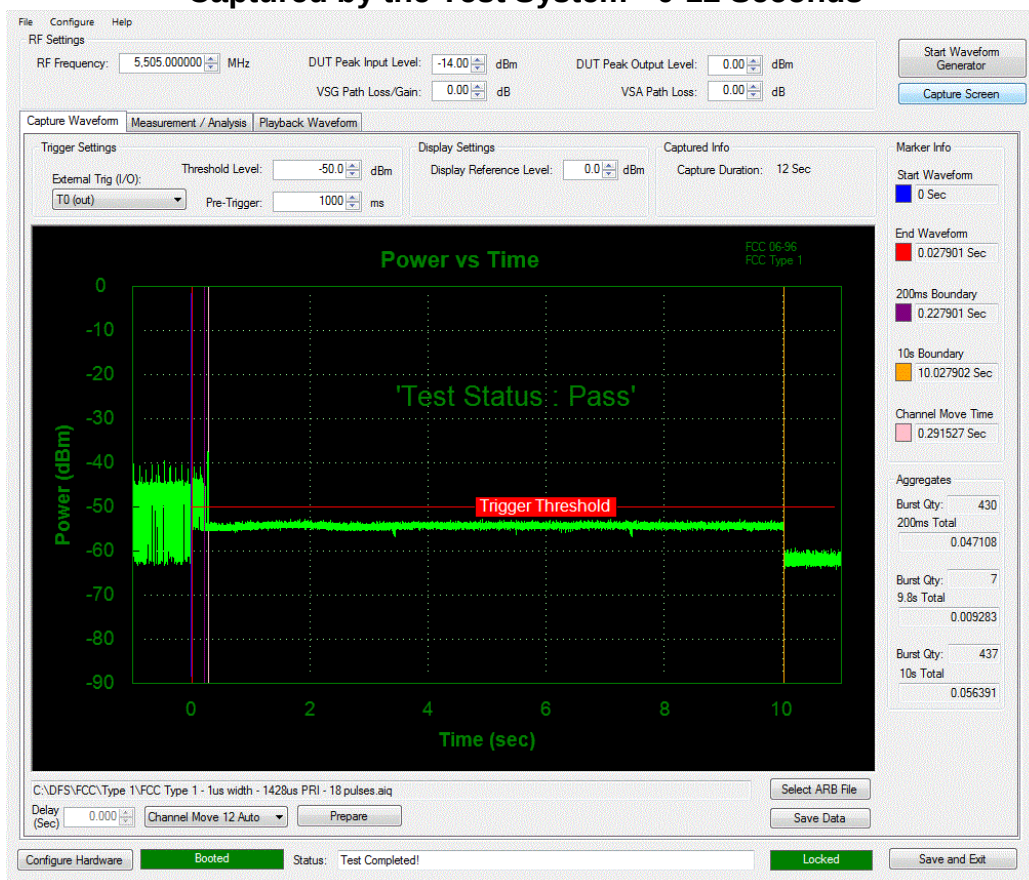
1) Channel Closing Transmission Time (limit is 1 second)

2) Channel Move Time (limit is 10 seconds)

1) Channel Closing Transmission Time = **0.291 mSecs (limit 250 mSec)**

2) Channel Move Time = **56.39 mSecs (limit is 10 seconds)**

Channel Move Time, Channel Closing Transmission Time for Type 1 Radar Captured by the Test System - 0-12 Seconds



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Title: Xirrus XR520H
To: FCC CFR 47 Part 15 Subpart E 15.407
Serial #: XIRR11-U3 DFS Rev A
Issue Date: 24th March 2015
Page: 44 of 128

9.1.3. Weather Radar High Band-Edge

To ensure the equipment complies with the Terminal Doppler Weather Radar (TDWR) band-edge requirements a test is performed on each band-edge Low Band-Edge 5600 MHz and 5650 MHz High Band-Edge). The limits for this test are defined as 20 dB below the maximum emission found within the channel of interest at each of the band-edge frequencies.

This test report may be reproduced in full only. The document may only be updated by MiCOM Labs personnel. All changes will be noted in the Document History section of the report.



Title: Xirrus XR520H
To: FCC CFR 47 Part 15 Subpart E 15.407
Serial #: XIRR11-U3 DFS Rev A
Issue Date: 24th March 2015
Page: 45 of 128

Equipment Configuration for Weather Radar Band-Edge - High Channel

Variant:	802.11a	Duty Cycle (%):	35.00
Data Rate:	18	Antenna Gain (dBi):	5
Modulation:	OFDM	Beam Forming Gain (Y):	Not Applicable
TPC:		Tested By:	BJ
Engineering Test Notes:			

Test Measurement Results

WEATHER RADAR BAND-EDGE - HIGH CHANNEL

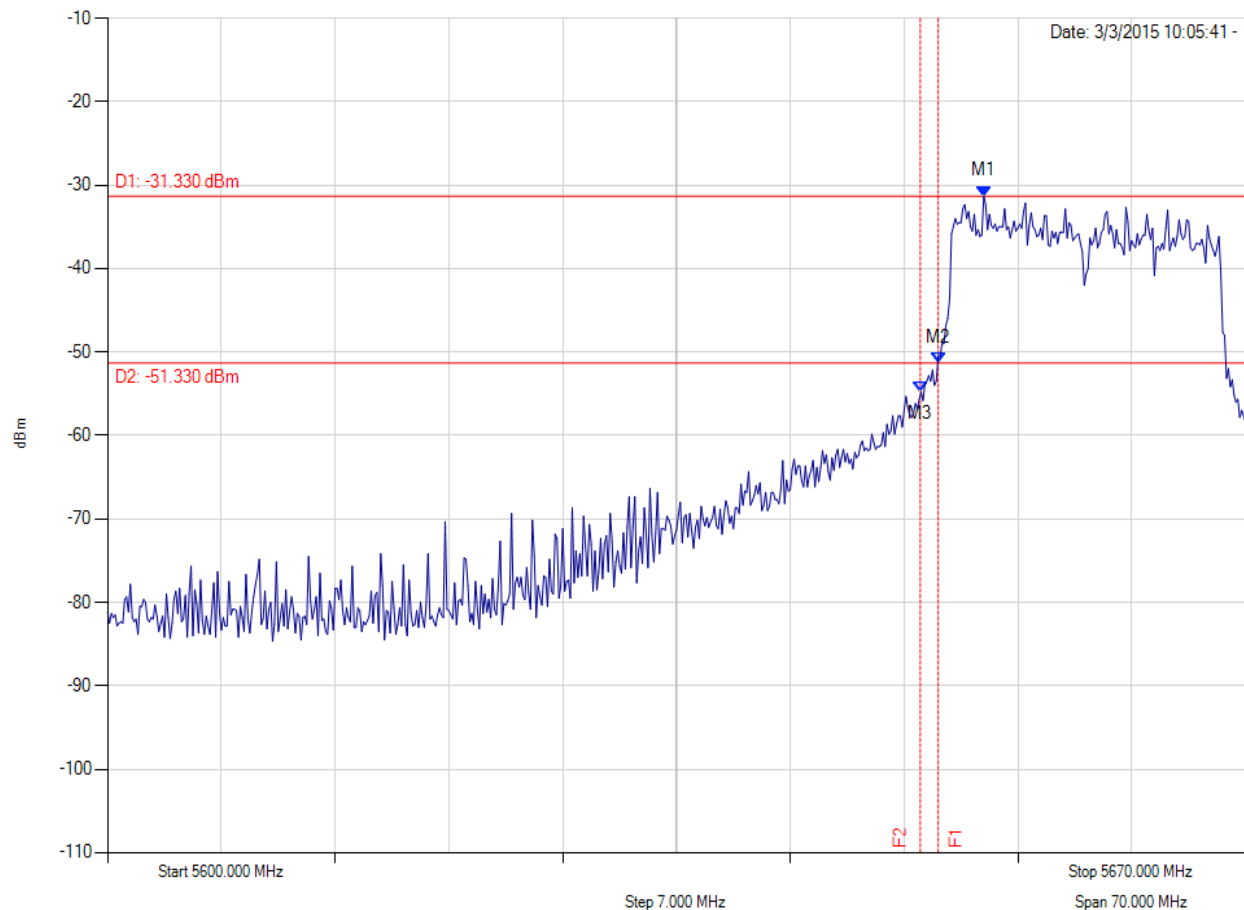


Variant: 802.11a, Channel: 5660.00 MHz

Ref Level: -10.00 DBM
0.0 dB Offset

Sweep Time: 20.0 s

RBW: 100 KHz
VBW: 300 KHz



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Title: Xirrus XR520H
To: FCC CFR 47 Part 15 Subpart E 15.407
Serial #: XIRR11-U3 DFS Rev A
Issue Date: 24th March 2015
Page: 46 of 128

Analyser Setup	Marker:Frequency:Amplitude	Test Results
Detector = NRM Sweep Count = View RF Atten (dB) = 0 Trace Mode = 0	M1 : 5653.900 MHz : -31.330 dBm M2 : 5651.100 MHz : -51.330 dBm M3 : 5650.000 MHz : -54.830 dBm	Channel Frequency: 5660.00 MHz

[Back to Matrix](#)

This test report may be reproduced in full only. The document may only be updated by MiCOM Labs personnel. All changes will be noted in the Document History section of the report.



Title: Xirrus XR520H
To: FCC CFR 47 Part 15 Subpart E 15.407
Serial #: XIRR11-U3 DFS Rev A
Issue Date: 24th March 2015
Page: 47 of 128

Equipment Configuration for Weather Radar Band-Edge - High Channel

Variant:	802.11n HT40	Duty Cycle (%):	35.00
Data Rate:	18	Antenna Gain (dBi):	5
Modulation:	OFDM	Beam Forming Gain (Y):	Not Applicable
TPC:		Tested By:	BJ
Engineering Test Notes:			

Test Measurement Results

WEATHER RADAR BAND-EDGE - HIGH CHANNEL

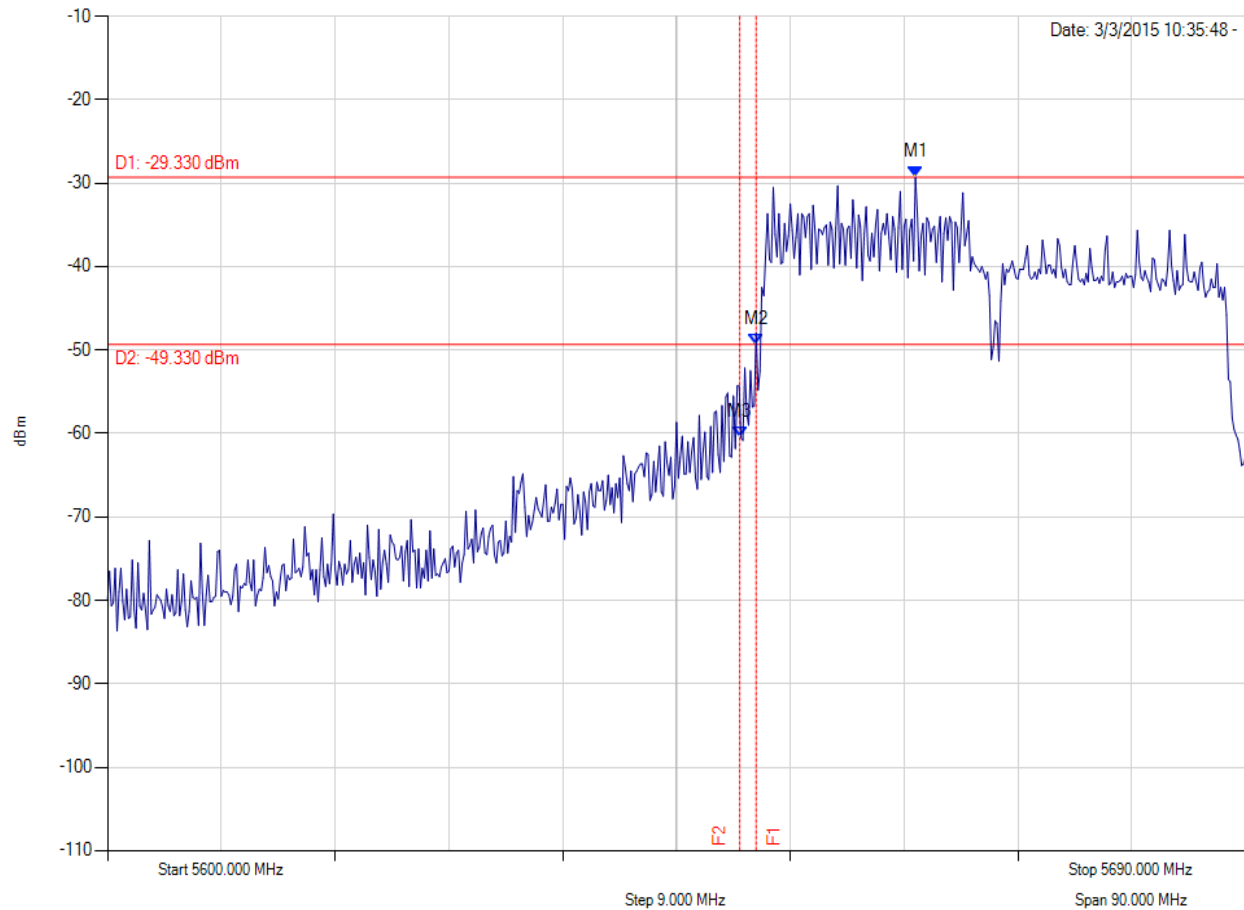


Variant: 802.11n HT40, Channel: 5670.00 MHz

Ref Level: -10.00 DBM
0.0 dB Offset

Sweep Time: 20.0 s

RBW: 100 KHz
VBW: 300 KHz



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Title: Xirrus XR520H
To: FCC CFR 47 Part 15 Subpart E 15.407
Serial #: XIRR11-U3 DFS Rev A
Issue Date: 24th March 2015
Page: 48 of 128

Analyser Setup	Marker:Frequency:Amplitude	Test Results
Detector = NRM Sweep Count = View RF Atten (dB) = 0 Trace Mode = 0	M1 : 5663.900 MHz : -29.330 dBm M2 : 5651.300 MHz : -49.330 dBm M3 : 5650.000 MHz : -60.500 dBm	Channel Frequency: 5670.00 MHz

[Back to Matrix](#)

This test report may be reproduced in full only. The document may only be updated by MiCOM Labs personnel. All changes will be noted in the Document History section of the report.



Title: Xirrus XR520H
To: FCC CFR 47 Part 15 Subpart E 15.407
Serial #: XIRR11-U3 DFS Rev A
Issue Date: 24th March 2015
Page: 49 of 128

9.1.4. Weather Radar Low Band-Edge

To ensure the equipment complies with the Terminal Doppler Weather Radar (TDWR) band-edge requirements a test is performed on each band-edge Low Band-Edge 5600 MHz and 5650 MHz High Band-Edge). The limits for this test are defined as 20 dB below the maximum emission found within the channel of interest at each of the band-edge frequencies.

This test report may be reproduced in full only. The document may only be updated by MiCOM Labs personnel. All changes will be noted in the Document History section of the report.



Title: Xirrus XR520H
To: FCC CFR 47 Part 15 Subpart E 15.407
Serial #: XIRR11-U3 DFS Rev A
Issue Date: 24th March 2015
Page: 50 of 128

Equipment Configuration for Weather Radar Band-Edge - Low Channel

Variant:	802.11a	Duty Cycle (%):	35.00
Data Rate:	18	Antenna Gain (dBi):	5
Modulation:	OFDM	Beam Forming Gain (Y):	Not Applicable
TPC:		Tested By:	BJ
Engineering Test Notes:			

Test Measurement Results

WEATHER RADAR BAND-EDGE - LOW CHANNEL

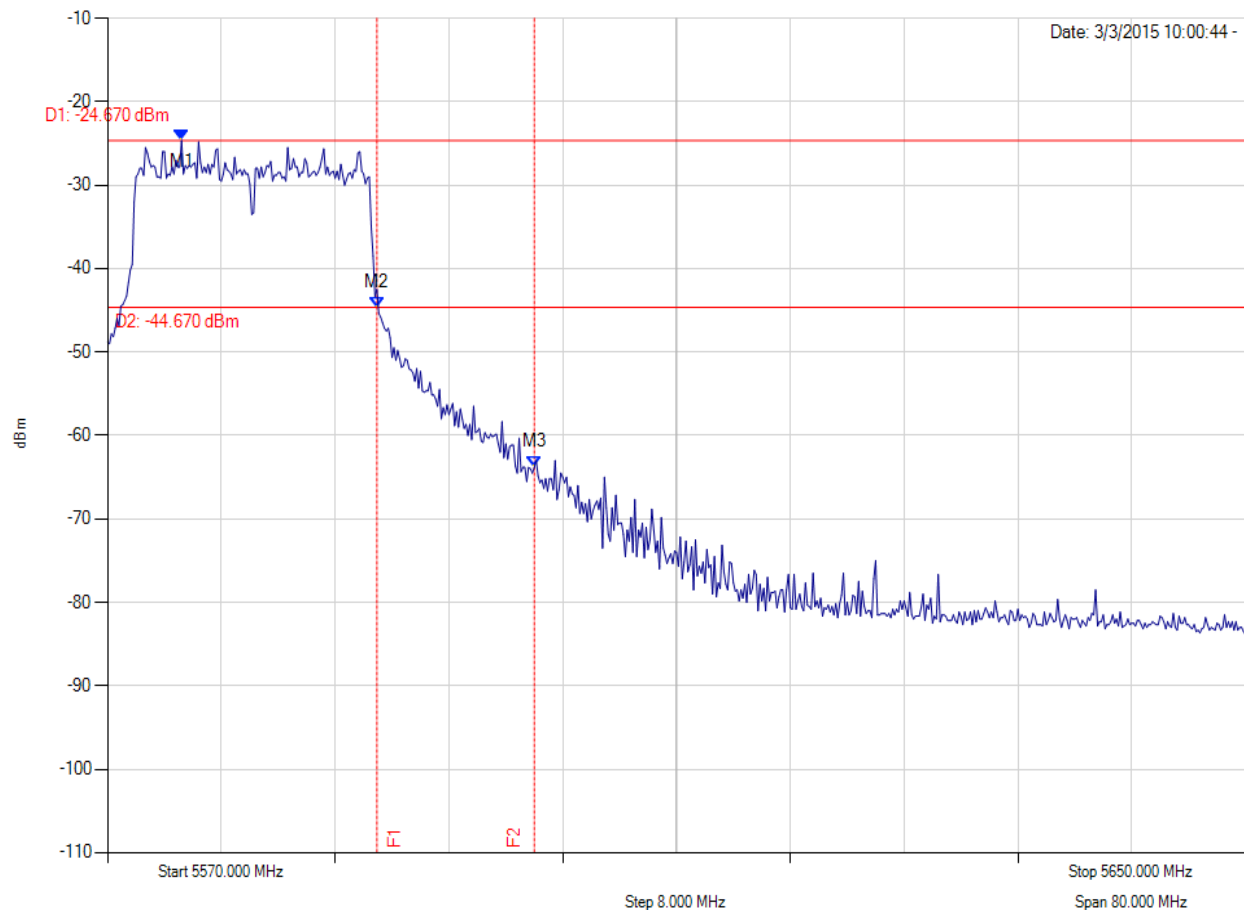


Variant: 802.11a, Channel: 5580.00 MHz

Ref Level: -10.00 DBM
0.0 dB Offset

Sweep Time: 20.0 s

RBW: 100 KHz
VBW: 300 KHz



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Title: Xirrus XR520H
To: FCC CFR 47 Part 15 Subpart E 15.407
Serial #: XIRR11-U3 DFS Rev A
Issue Date: 24th March 2015
Page: 51 of 128

Analyser Setup	Marker:Frequency:Amplitude	Test Results
Detector = NRM Sweep Count = View RF Atten (dB) = 0 Trace Mode = 0	M1 : 5575.200 MHz : -24.670 dBm M2 : 5588.933 MHz : -44.670 dBm M3 : 5600.000 MHz : -63.830 dBm	Channel Frequency: 5580.00 MHz

[Back to Matrix](#)

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Title: Xirrus XR520H
To: FCC CFR 47 Part 15 Subpart E 15.407
Serial #: XIRR11-U3 DFS Rev A
Issue Date: 24th March 2015
Page: 52 of 128

Equipment Configuration for Weather Radar Band-Edge - Low Channel

Variant:	802.11n HT40	Duty Cycle (%):	35.00
Data Rate:	18	Antenna Gain (dBi):	5
Modulation:	OFDM	Beam Forming Gain (Y):	Not Applicable
TPC:		Tested By:	BJ
Engineering Test Notes:			

Test Measurement Results

WEATHER RADAR BAND-EDGE - LOW CHANNEL

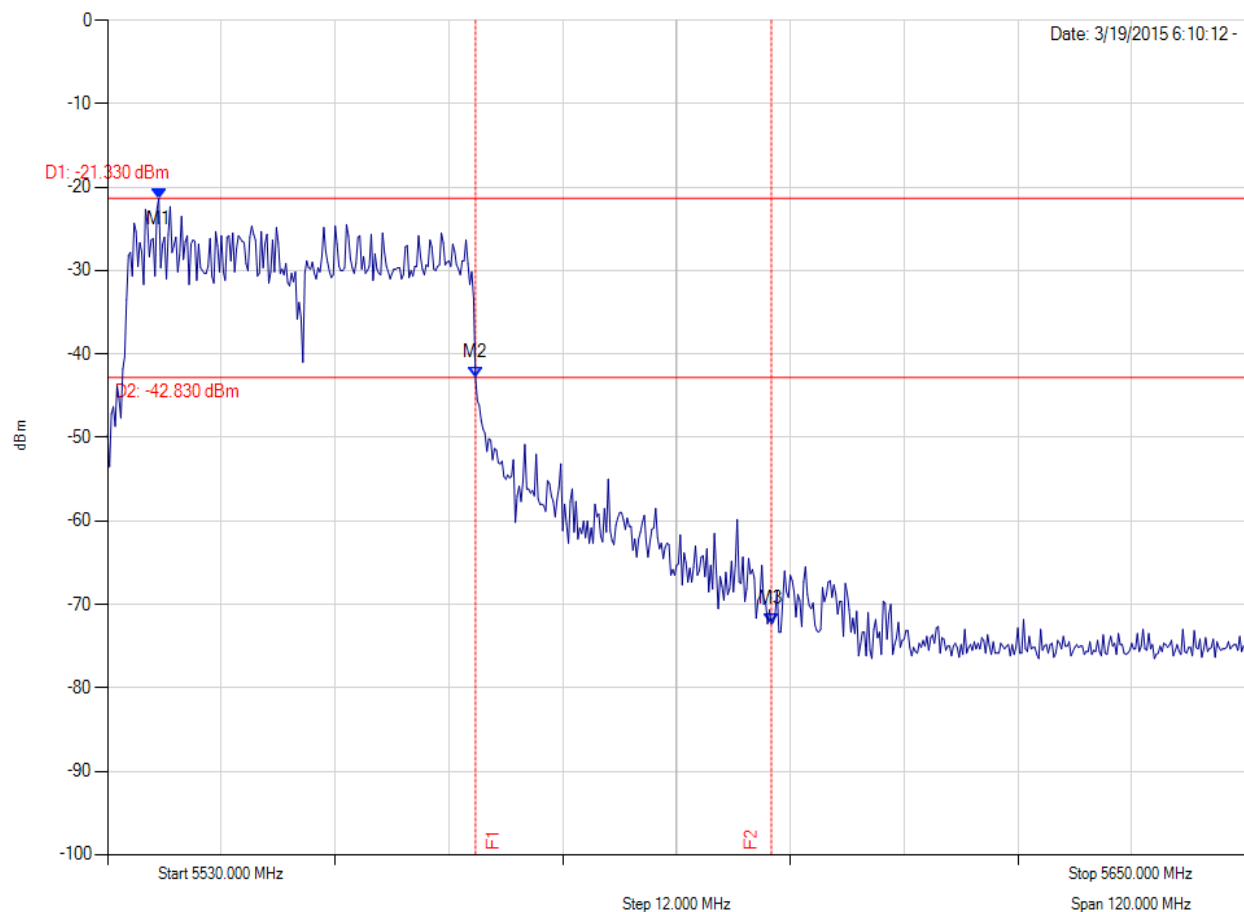


Variant: 802.11n HT40, Channel: 5550.00 MHz

Ref Level: 0 DBM
0.0 dB Offset

Sweep Time: 20.0 s

RBW: 100 KHz
VBW: 300 KHz



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Title: Xirrus XR520H
To: FCC CFR 47 Part 15 Subpart E 15.407
Serial #: XIRR11-U3 DFS Rev A
Issue Date: 24th March 2015
Page: 53 of 128

Analyser Setup	Marker:Frequency:Amplitude	Test Results
Detector = NRM Sweep Count = View RF Atten (dB) = 10 Trace Mode = 0	M1 : 5535.400 MHz : -21.330 dBm M2 : 5568.800 MHz : -42.830 dBm M3 : 5600.000 MHz : -72.330 dBm	Channel Frequency: 5550.00 MHz

[Back to Matrix](#)

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Title: Xirrus XR520H
To: FCC CFR 47 Part 15 Subpart E 15.407
Serial #: XIRR11-U3 DFS Rev A
Issue Date: 24th March 2015
Page: 54 of 128

9.1.5. Non-Occupancy Period

Following a radar injection the EUT is monitored for more than 30 minutes following the channel close/move time to verify no transmissions resume on the channel of interest. The EUT is however permitted to transmit on this channel after 30 minutes (1800 secs) have elapsed. The injection occurs at M1 and the EUT is permitted to retransmit at M1 + 1800 secs.

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Title: Xirrus XR520H
To: FCC CFR 47 Part 15 Subpart E 15.407
Serial #: XIRR11-U3 DFS Rev A
Issue Date: 24th March 2015
Page: 55 of 128

Equipment Configuration for Non-Occupancy Period

Variant:	802.11a	Duty Cycle (%):	35.00
Data Rate:	18	Antenna Gain (dBi):	5
Modulation:	OFDM	Beam Forming Gain (Y):	Not Applicable
TPC:		Tested By:	BJ
Engineering Test Notes:			

Test Measurement Results

NON-OCCUPANCY PERIOD

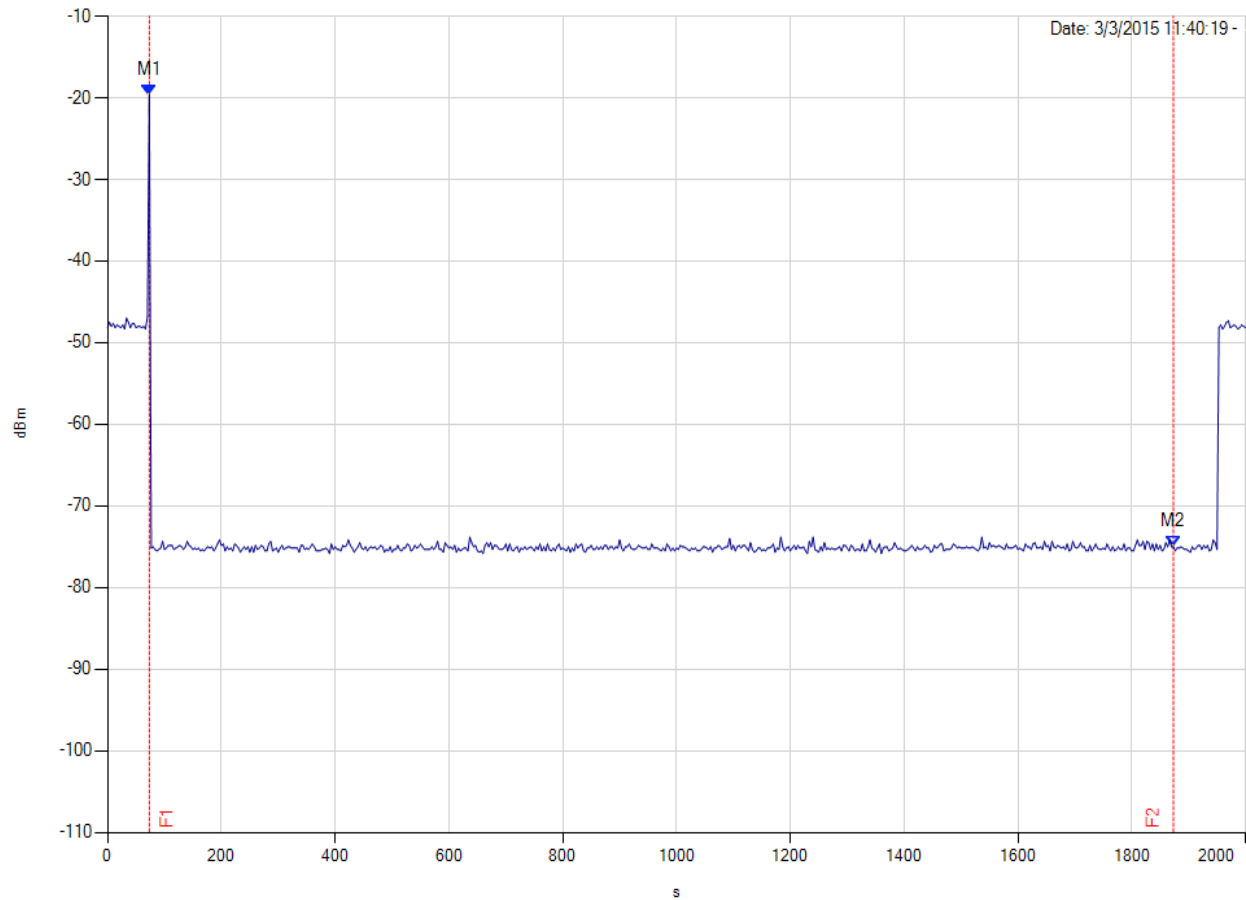


Variant: 802.11a, Channel: 5500.00 MHz

Ref Level: -10.00 DBM
0.0 dB Offset

Sweep Time: 2000.0 s

RBW: 1 MHz
VBW: 1 MHz



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Title: Xirrus XR520H
To: FCC CFR 47 Part 15 Subpart E 15.407
Serial #: XIRR11-U3 DFS Rev A
Issue Date: 24th March 2015
Page: 56 of 128

Analyser Setup	Marker:Time:Amplitude	Test Results
Detector = POS Sweep Count = View RF Atten (dB) = 0 Trace Mode = 0	M1 : 73.330 s : -19.660 dBm M2 : 1873.330 s : -75.000 dBm	Channel Frequency: 5500.00 MHz

[Back to Matrix](#)

This test report may be reproduced in full only. The document may only be updated by MiCOM Labs personnel. All changes will be noted in the Document History section of the report.



Title: Xirrus XR520H
To: FCC CFR 47 Part 15 Subpart E 15.407
Serial #: XIRR11-U3 DFS Rev A
Issue Date: 24th March 2015
Page: 57 of 128

Equipment Configuration for Non-Occupancy Period

Variant:	802.11n HT40	Duty Cycle (%):	35.00
Data Rate:	18	Antenna Gain (dBi):	5
Modulation:	OFDM	Beam Forming Gain (Y):	Not Applicable
TPC:		Tested By:	BJ
Engineering Test Notes:			

Test Measurement Results

NON-OCCUPANCY PERIOD

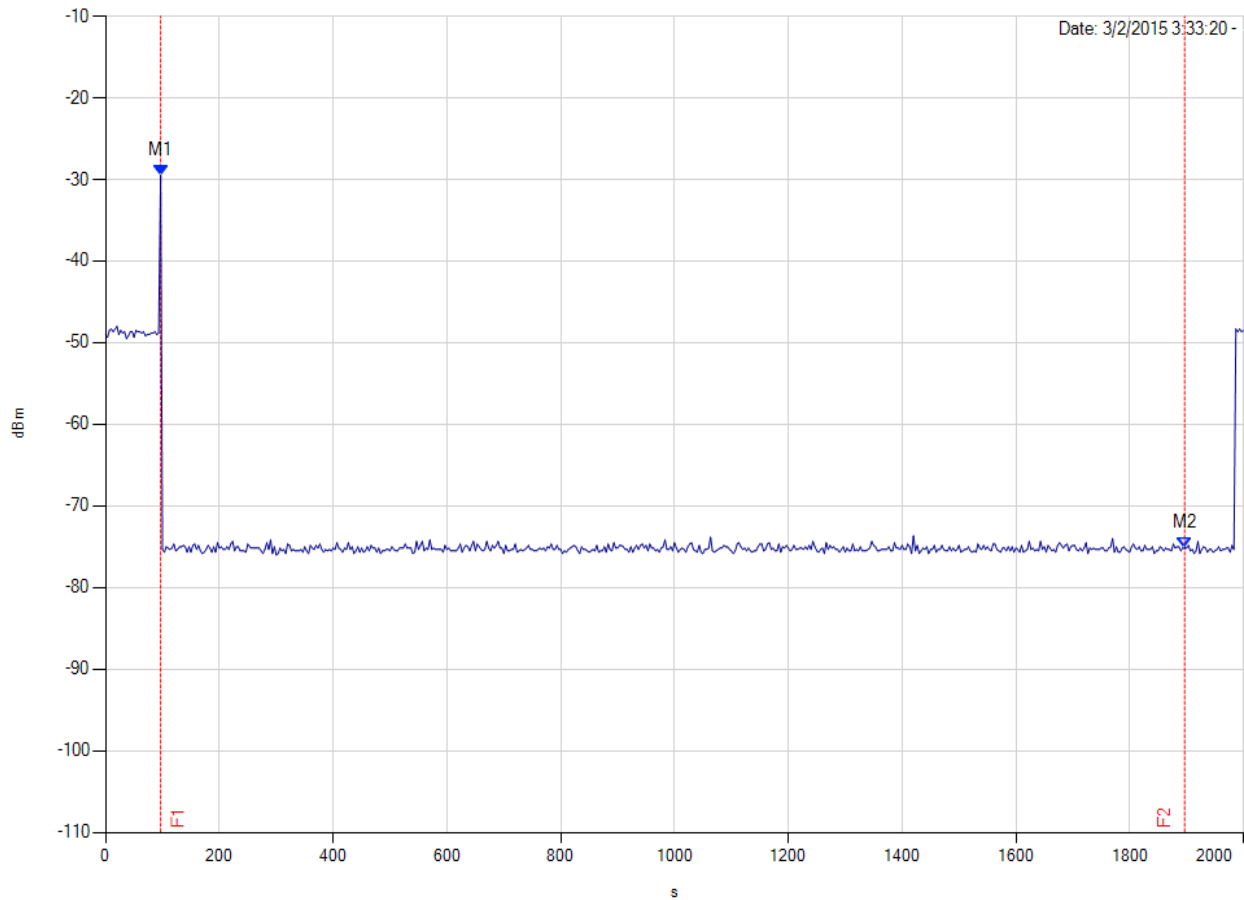


Variant: 802.11n HT40, Channel: 5510.00 MHz

Ref Level: -10.00 DBM
0.0 dB Offset

Sweep Time: 2000.0 s

RBW: 1 MHz
VBW: 1 MHz



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Title: Xirrus XR520H
To: FCC CFR 47 Part 15 Subpart E 15.407
Serial #: XIRR11-U3 DFS Rev A
Issue Date: 24th March 2015
Page: 58 of 128

Analyser Setup	Marker:Time:Amplitude	Test Results
Detector = POS Sweep Count = View RF Atten (dB) = 0 Trace Mode = 0	M1 : 96.670 s : -29.500 dBm M2 : 1896.670 s : -75.160 dBm	Channel Frequency: 5510.00 MHz

[Back to Matrix](#)

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9.1.6. Probability of Detection

The steps below define the procedure to determine the minimum percentage of detection when a radar burst with a level equal to the DFS Detection Threshold is generated on the Operating Channel of the U-NII device.

The Radar Waveform generator sends the individual waveform for each of the radar types. Statistical data will be gathered to determine the ability of the device to detect the radar test waveforms. The device can utilize a test mode to demonstrate when detection occurs to prevent the need to reset the device between trial runs. The percentage of successful detection is calculated by:

$$\text{Total \# of detections} \div \text{Total \# of Trials} \times 100 = \text{Probability of Detection}$$

The Minimum number of trails, minimum percentage of successful detection and the average minimum percentage of successful detection can be found in the Radar Test Waveforms section.

Minimum Successful Detection Rate

In addition an average minimum percentage of successful detection across all four Short pulse radar test waveforms is required and calculated as follows;

$$(P_{d1} + P_{d2} + P_{d3} + P_{d4}) / 4$$

$$\text{20 MHz Channel Spacing: 802.11a} = (100\% + 100\% + 100\% + 96.67\%) / 4 = 99.2\% (> 80\%)$$

$$\text{40 MHz Channel Spacing: 802.11n HT-40} = (100\% + 100\% + 100\% + 100\%) / 4 = 100\% (> 80\%)$$



Title: Xirrus XR520H
To: FCC CFR 47 Part 15 Subpart E 15.407
Serial #: XIRR11-U3 DFS Rev A
Issue Date: 24th March 2015
Page: 60 of 128

Equipment Configuration for Probability of Detection			
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Variant:	802.11a	Duty Cycle (%):	35.00
Data Rate:	18	Antenna Gain (dBi):	5
Modulation:	OFDM	Beam Forming Gain (Y):	Not Applicable
TPC:		Tested By:	BJ
Engineering Test Notes:			

Test Measurement Results								
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Radar Type	Pulse Width (us)	PRF (Hz)	PRI - PW (us)	# Pulses	Detections	Injection #	Detection Rate	Pass/Fail
Type 1	1	700	1427	18	30	30	100.00%	Pass

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Title: Xirrus XR520H
To: FCC CFR 47 Part 15 Subpart E 15.407
Serial #: XIRR11-U3 DFS Rev A
Issue Date: 24th March 2015
Page: 61 of 128

Equipment Configuration for Radar Type 2

Variant:	802.11a	Duty Cycle (%):	35.00
Data Rate:	18	Antenna Gain (dBi):	5
Modulation:	OFDM	Beam Forming Gain (Y):	Not Applicable
TPC:		Tested By:	BJ
Engineering Test Notes:			

Test Measurement Results

Radar Type	Pulse Width (us)	PRF (Hz)	PRI - PW (us)	# Pulses	Detections	Injection #	Detection Rate	Pass/Fail
Type 2	1.4	5051	196.6	28	1	1	100.00%	Detected
Type 2	1.5	6494	152.5	25	1	1	100.00%	Detected
Type 2	1.5	4444	223.5	26	1	1	100.00%	Detected
Type 2	1.7	5155	192.3	26	1	1	100.00%	Detected
Type 2	2	6329	156	28	1	1	100.00%	Detected
Type 2	2	5988	165	27	1	1	100.00%	Detected
Type 2	2.1	5102	193.9	29	1	1	100.00%	Detected
Type 2	2.2	5128	192.8	23	1	1	100.00%	Detected
Type 2	2.3	5405	182.7	24	1	1	100.00%	Detected
Type 2	2.8	6211	158.2	25	1	1	100.00%	Detected
Type 2	3.2	4717	208.8	26	1	1	100.00%	Detected
Type 2	3.3	5155	190.7	23	1	1	100.00%	Detected
Type 2	3.5	6579	148.5	23	1	1	100.00%	Detected
Type 2	3.5	6061	161.5	29	1	1	100.00%	Detected
Type 2	3.6	6494	150.4	27	1	1	100.00%	Detected
Type 2	3.7	4878	201.3	26	1	1	100.00%	Detected
Type 2	3.8	5525	177.2	23	1	1	100.00%	Detected
Type 2	3.8	6369	153.2	28	1	1	100.00%	Detected
Type 2	3.8	6623	147.2	23	1	1	100.00%	Detected
Type 2	3.9	4608	213.1	23	1	1	100.00%	Detected
Type 2	4	4785	205	29	1	1	100.00%	Detected
Type 2	4.2	5076	192.8	26	1	1	100.00%	Detected
Type 2	4.5	6369	152.5	27	1	1	100.00%	Detected
Type 2	4.7	5236	186.3	24	1	1	100.00%	Detected
Type 2	4.7	5525	176.3	27	1	1	100.00%	Detected
Type 2	4.7	6667	145.3	28	1	1	100.00%	Detected
Type 2	4.8	5435	179.2	23	1	1	100.00%	Detected
Type 2	4.8	5291	184.2	29	1	1	100.00%	Detected
Type 2	4.9	5917	164.1	25	1	1	100.00%	Detected
Type 2	5	6536	148	27	1	1	100.00%	Detected

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Title: Xirrus XR520H
To: FCC CFR 47 Part 15 Subpart E 15.407
Serial #: XIRR11-U3 DFS Rev A
Issue Date: 24th March 2015
Page: 62 of 128

Equipment Configuration for Radar Type 3

Variant:	802.11a	Duty Cycle (%):	35.00
Data Rate:	18	Antenna Gain (dBi):	5
Modulation:	OFDM	Beam Forming Gain (Y):	Not Applicable
TPC:		Tested By:	BJ
Engineering Test Notes:			

Test Measurement Results

Radar Type	Pulse Width (us)	PRF (Hz)	PRI - PW (us)	# Pulses	Detections	Injection #	Detection Rate	Pass/Fail
Type 3	10	3077	315	18	1	1	100.00%	Detected
Type 3	6.2	2268	434.8	17	1	1	100.00%	Detected
Type 3	6.2	2320	424.8	18	1	1	100.00%	Detected
Type 3	6.5	3497	279.5	18	1	1	100.00%	Detected
Type 3	6.5	2801	350.5	17	1	1	100.00%	Detected
Type 3	6.9	2809	349.1	18	1	1	100.00%	Detected
Type 3	7	2066	477	17	1	1	100.00%	Detected
Type 3	7.5	2273	432.5	17	1	1	100.00%	Detected
Type 3	7.5	2915	335.5	17	1	1	100.00%	Detected
Type 3	7.6	3268	298.4	16	1	1	100.00%	Detected
Type 3	7.6	4975	193.4	18	1	1	100.00%	Detected
Type 3	7.9	2801	349.1	16	1	1	100.00%	Detected
Type 3	7.9	2188	449.1	18	1	1	100.00%	Detected
Type 3	8	2494	393	18	1	1	100.00%	Detected
Type 3	8.1	2208	444.9	17	1	1	100.00%	Detected
Type 3	8.6	2488	393.4	18	1	1	100.00%	Detected
Type 3	8.6	2273	431.4	16	1	1	100.00%	Detected
Type 3	8.7	3546	273.3	18	1	1	100.00%	Detected
Type 3	8.8	3717	260.2	18	1	1	100.00%	Detected
Type 3	9	2083	471	16	1	1	100.00%	Detected
Type 3	9.1	2070	473.9	18	1	1	100.00%	Detected
Type 3	9.2	2288	427.8	17	1	1	100.00%	Detected
Type 3	9.3	2463	396.7	17	1	1	100.00%	Detected
Type 3	9.3	3731	258.7	16	1	1	100.00%	Detected
Type 3	9.6	3049	318.4	17	1	1	100.00%	Detected
Type 3	9.6	3344	289.4	18	1	1	100.00%	Detected
Type 3	9.8	2833	343.2	17	1	1	100.00%	Detected
Type 3	9.8	2494	391.2	17	1	1	100.00%	Detected
Type 3	9.9	2179	449.1	16	1	1	100.00%	Detected
Type 3	9.9	2427	402.1	16	1	1	100.00%	Detected

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Title: Xirrus XR520H
To: FCC CFR 47 Part 15 Subpart E 15.407
Serial #: XIRR11-U3 DFS Rev A
Issue Date: 24th March 2015
Page: 63 of 128

Equipment Configuration for Radar Type 4

Variant:	802.11a	Duty Cycle (%):	35.00
Data Rate:	18	Antenna Gain (dBi):	5
Modulation:	OFDM	Beam Forming Gain (Y):	Not Applicable
TPC:		Tested By:	BJ
Engineering Test Notes:			

Test Measurement Results

Radar Type	Pulse Width (us)	PRF (Hz)	PRI - PW (us)	# Pulses	Detections	Injection #	Detection Rate	Pass/Fail
Type 4	11	2577	377	15	1	1	100.00%	Detected
Type 4	11.5	2174	448.5	12	1	1	100.00%	Detected
Type 4	11.6	2364	411.4	14	1	1	100.00%	Detected
Type 4	12.3	2012	484.7	12	1	1	100.00%	Detected
Type 4	12.4	3802	250.6	13	1	1	100.00%	Detected
Type 4	12.5	2096	464.5	15	1	1	100.00%	Detected
Type 4	12.5	2639	366.5	13	1	1	100.00%	Detected
Type 4	13.5	2079	467.5	16	1	1	100.00%	Detected
Type 4	13.8	2571	375.2	15	1	1	100.00%	Detected
Type 4	13.8	2427	398.2	14	1	1	100.00%	Detected
Type 4	13.9	3390	281.1	16	1	1	100.00%	Detected
Type 4	14.8	4762	195.2	12	1	1	100.00%	Detected
Type 4	15.3	4878	189.7	16	1	1	100.00%	Detected
Type 4	16.1	4032	231.9	14	1	1	100.00%	Detected
Type 4	16.7	4049	230.3	15	1	1	100.00%	Detected
Type 4	16.7	4425	209.3	12	1	1	100.00%	Detected
Type 4	16.7	5000	183.3	12	1	1	100.00%	Detected
Type 4	17	2101	459	13	1	1	100.00%	Detected
Type 4	17.3	3333	282.7	12	1	1	100.00%	Detected
Type 4	17.5	2933	323.5	16	1	1	100.00%	Detected
Type 4	17.6	2283	420.4	16	1	1	100.00%	Detected
Type 4	17.7	2232	430.3	13	0	1	0.00%	No Detection
Type 4	18	3344	281	13	1	1	100.00%	Detected
Type 4	18.5	3788	245.5	15	1	1	100.00%	Detected
Type 4	18.5	3534	264.5	12	1	1	100.00%	Detected
Type 4	18.7	3135	300.3	16	1	1	100.00%	Detected
Type 4	19.1	3968	232.9	16	1	1	100.00%	Detected
Type 4	19.2	2160	443.8	16	1	1	100.00%	Detected
Type 4	19.2	4016	229.8	14	1	1	100.00%	Detected
Type 4	19.4	2375	401.6	13	1	1	100.00%	Detected

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Title: Xirrus XR520H
To: FCC CFR 47 Part 15 Subpart E 15.407
Serial #: XIRR11-U3 DFS Rev A
Issue Date: 24th March 2015
Page: 64 of 128

Equipment Configuration for Radar Type 5

Variant:	802.11a	Duty Cycle (%):	35.00
Data Rate:	18	Antenna Gain (dBi):	5
Modulation:	OFDM	Beam Forming Gain (Y):	Not Applicable
TPC:		Tested By:	BJ
Engineering Test Notes:			

Test Measurement Results

Burst Segment	Detections	Injection #	Detection Rate	Pass/Fail
Type 5 #1	1	1	100.00%	Detected
Type 5 #2	1	1	100.00%	Detected
Type 5 #3	1	1	100.00%	Detected
Type 5 #4	1	1	100.00%	Detected
Type 5 #5	1	1	100.00%	Detected
Type 5 #6	1	1	100.00%	Detected
Type 5 #7	1	1	100.00%	Detected
Type 5 #8	1	1	100.00%	Detected
Type 5 #9	1	1	100.00%	Detected
Type 5 #10	1	1	100.00%	Detected
Type 5 #11	1	1	100.00%	Detected
Type 5 #12	1	1	100.00%	Detected
Type 5 #13	1	1	100.00%	Detected
Type 5 #14	1	1	100.00%	Detected
Type 5 #15	1	1	100.00%	Detected
Type 5 #16	1	1	100.00%	Detected
Type 5 #17	1	1	100.00%	Detected
Type 5 #18	1	1	100.00%	Detected
Type 5 #19	1	1	100.00%	Detected
Type 5 #20	1	1	100.00%	Detected
Type 5 #21	1	1	100.00%	Detected
Type 5 #22	1	1	100.00%	Detected
Type 5 #23	1	1	100.00%	Detected
Type 5 #24	1	1	100.00%	Detected
Type 5 #25	1	1	100.00%	Detected
Type 5 #26	1	1	100.00%	Detected
Type 5 #27	1	1	100.00%	Detected
Type 5 #28	1	1	100.00%	Detected
Type 5 #29	1	1	100.00%	Detected
Type 5 #30	1	1	100.00%	Detected

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Title: Xirrus XR520H
To: FCC CFR 47 Part 15 Subpart E 15.407
Serial #: XIRR11-U3 DFS Rev A
Issue Date: 24th March 2015
Page: 65 of 128

Equipment Configuration for Radar Type 6

Variant:	802.11a	Duty Cycle (%):	35.00
Data Rate:	18	Antenna Gain (dBi):	5
Modulation:	OFDM	Beam Forming Gain (Y):	Not Applicable
TPC:		Tested By:	BJ
Engineering Test Notes:			

Test Measurement Results

Burst Segment	Detections	Injection #	Detection Rate	Pass/Fail
Type 6 #1	1	1	100.00%	Detected
Type 6 #2	1	1	100.00%	Detected
Type 6 #3	1	1	100.00%	Detected
Type 6 #4	1	1	100.00%	Detected
Type 6 #5	1	1	100.00%	Detected
Type 6 #6	1	1	100.00%	Detected
Type 6 #7	1	1	100.00%	Detected
Type 6 #8	1	1	100.00%	Detected
Type 6 #9	1	1	100.00%	Detected
Type 6 #10	1	1	100.00%	Detected
Type 6 #11	1	1	100.00%	Detected
Type 6 #12	1	1	100.00%	Detected
Type 6 #13	1	1	100.00%	Detected
Type 6 #14	1	1	100.00%	Detected
Type 6 #15	1	1	100.00%	Detected
Type 6 #16	1	1	100.00%	Detected
Type 6 #17	1	1	100.00%	Detected
Type 6 #18	1	1	100.00%	Detected
Type 6 #19	1	1	100.00%	Detected
Type 6 #20	1	1	100.00%	Detected
Type 6 #21	0	1	0.00%	No Detection
Type 6 #22	1	1	100.00%	Detected
Type 6 #23	1	1	100.00%	Detected
Type 6 #24	1	1	100.00%	Detected
Type 6 #25	1	1	100.00%	Detected
Type 6 #26	1	1	100.00%	Detected
Type 6 #27	1	1	100.00%	Detected
Type 6 #28	1	1	100.00%	Detected
Type 6 #29	1	1	100.00%	Detected
Type 6 #30	1	1	100.00%	Detected

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Title: Xirrus XR520H
To: FCC CFR 47 Part 15 Subpart E 15.407
Serial #: XIRR11-U3 DFS Rev A
Issue Date: 24th March 2015
Page: 66 of 128

Equipment Configuration for Radar Type 7

Variant:	802.11a	Duty Cycle (%):	35.00
Data Rate:	18	Antenna Gain (dBi):	5
Modulation:	OFDM	Beam Forming Gain (Y):	Not Applicable
TPC:		Tested By:	BJ
Engineering Test Notes:			

Test Measurement Results

Radar Type	Pulse Width (us)	PRF (Hz)	PRI - PW (us)	# Pulses	Detections	Injection #	Detection Rate	Pass/Fail
Type 7	1	1355	737	72	1	1	100.00%	Detected
Type 7	1	1433	697	76	1	1	100.00%	Detected
Type 7	1	1393	717	74	1	1	100.00%	Detected
Type 7	1	1139	877	61	1	1	100.00%	Detected
Type 7	1	1792	557	95	1	1	100.00%	Detected
Type 7	1	1319	757	70	1	1	100.00%	Detected
Type 7	1	1253	797	67	1	1	100.00%	Detected
Type 7	1	1089	917	58	1	1	100.00%	Detected
Type 7	1	1618	617	86	1	1	100.00%	Detected
Type 7	1	1166	857	62	1	1	100.00%	Detected
Type 7	1	1672	597	89	1	1	100.00%	Detected
Type 7	1	1730	577	92	1	1	100.00%	Detected
Type 7	1	1222	817	65	1	1	100.00%	Detected
Type 7	1	1520	657	81	1	1	100.00%	Detected
Type 7	1	1066	937	57	1	1	100.00%	Detected
Type 7	1	1133	882	60	1	1	100.00%	Detected
Type 7	1	339	2949	18	1	1	100.00%	Detected
Type 7	1	919	1087	49	1	1	100.00%	Detected
Type 7	1	1107	902	59	1	1	100.00%	Detected
Type 7	1	1017	982	54	1	1	100.00%	Detected
Type 7	1	1736	575	92	1	1	100.00%	Detected
Type 7	1	745	1342	40	1	1	100.00%	Detected
Type 7	1	359	2785	19	1	1	100.00%	Detected
Type 7	1	333	3001	18	1	1	100.00%	Detected
Type 7	1	468	2138	25	1	1	100.00%	Detected
Type 7	1	393	2545	21	1	1	100.00%	Detected
Type 7	1	966	1034	51	1	1	100.00%	Detected
Type 7	1	611	1636	33	1	1	100.00%	Detected
Type 7	1	446	2240	24	1	1	100.00%	Detected
Type 7	1	922	1084	49	1	1	100.00%	Detected

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Title: Xirrus XR520H
To: FCC CFR 47 Part 15 Subpart E 15.407
Serial #: XIRR11-U3 DFS Rev A
Issue Date: 24th March 2015
Page: 67 of 128

Equipment Configuration for Radar Type 1

Variant:	802.11n HT40	Duty Cycle (%):	35.00
Data Rate:	18	Antenna Gain (dBi):	5
Modulation:	OFDM	Beam Forming Gain (Y):	Not Applicable
TPC:		Tested By:	BJ
Engineering Test Notes:			

Test Measurement Results

Radar Type	Pulse Width (us)	PRF (Hz)	PRI - PW (us)	# Pulses	Detections	Injection #	Detection Rate	Pass/Fail
Type 1	1	700	1427	18	30	30	100.00%	Pass

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Title: Xirrus XR520H
To: FCC CFR 47 Part 15 Subpart E 15.407
Serial #: XIRR11-U3 DFS Rev A
Issue Date: 24th March 2015
Page: 68 of 128

Equipment Configuration for Radar Type 2

Variant:	802.11n HT40	Duty Cycle (%):	35.00
Data Rate:	18	Antenna Gain (dBi):	5
Modulation:	OFDM	Beam Forming Gain (Y):	Not Applicable
TPC:		Tested By:	BJ
Engineering Test Notes:			

Test Measurement Results

Radar Type	Pulse Width (us)	PRF (Hz)	PRI - PW (us)	# Pulses	Detections	Injection #	Detection Rate	Pass/Fail
Type 2	1.4	5051	196.6	28	1	1	100.00%	Detected
Type 2	1.5	6494	152.5	25	1	1	100.00%	Detected
Type 2	1.5	4444	223.5	26	1	1	100.00%	Detected
Type 2	1.7	5155	192.3	26	1	1	100.00%	Detected
Type 2	2	6329	156	28	1	1	100.00%	Detected
Type 2	2	5988	165	27	1	1	100.00%	Detected
Type 2	2.1	5102	193.9	29	1	1	100.00%	Detected
Type 2	2.2	5128	192.8	23	1	1	100.00%	Detected
Type 2	2.3	5405	182.7	24	1	1	100.00%	Detected
Type 2	2.8	6211	158.2	25	1	1	100.00%	Detected
Type 2	3.2	4717	208.8	26	1	1	100.00%	Detected
Type 2	3.3	5155	190.7	23	1	1	100.00%	Detected
Type 2	3.5	6579	148.5	23	1	1	100.00%	Detected
Type 2	3.5	6061	161.5	29	1	1	100.00%	Detected
Type 2	3.6	6494	150.4	27	1	1	100.00%	Detected
Type 2	3.7	4878	201.3	26	1	1	100.00%	Detected
Type 2	3.8	5525	177.2	23	1	1	100.00%	Detected
Type 2	3.8	6369	153.2	28	1	1	100.00%	Detected
Type 2	3.8	6623	147.2	23	1	1	100.00%	Detected
Type 2	3.9	4608	213.1	23	1	1	100.00%	Detected
Type 2	4	4785	205	29	1	1	100.00%	Detected
Type 2	4.2	5076	192.8	26	1	1	100.00%	Detected
Type 2	4.5	6369	152.5	27	1	1	100.00%	Detected
Type 2	4.7	5236	186.3	24	1	1	100.00%	Detected
Type 2	4.7	5525	176.3	27	1	1	100.00%	Detected
Type 2	4.7	6667	145.3	28	1	1	100.00%	Detected
Type 2	4.8	5435	179.2	23	1	1	100.00%	Detected
Type 2	4.8	5291	184.2	29	1	1	100.00%	Detected
Type 2	4.9	5917	164.1	25	1	1	100.00%	Detected
Type 2	5	6536	148	27	1	1	100.00%	Detected

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Title: Xirrus XR520H
To: FCC CFR 47 Part 15 Subpart E 15.407
Serial #: XIRR11-U3 DFS Rev A
Issue Date: 24th March 2015
Page: 69 of 128

Equipment Configuration for Radar Type 3

Variant:	802.11n HT40	Duty Cycle (%):	35.00
Data Rate:	18	Antenna Gain (dBi):	5
Modulation:	OFDM	Beam Forming Gain (Y):	Not Applicable
TPC:		Tested By:	BJ
Engineering Test Notes:			

Test Measurement Results

Radar Type	Pulse Width (us)	PRF (Hz)	PRI - PW (us)	# Pulses	Detections	Injection #	Detection Rate	Pass/Fail
Type 3	10	3077	315	18	1	1	100.00%	Detected
Type 3	6.2	2268	434.8	17	1	1	100.00%	Detected
Type 3	6.2	2320	424.8	18	1	1	100.00%	Detected
Type 3	6.5	3497	279.5	18	1	1	100.00%	Detected
Type 3	6.5	2801	350.5	17	1	1	100.00%	Detected
Type 3	6.9	2809	349.1	18	1	1	100.00%	Detected
Type 3	7	2066	477	17	1	1	100.00%	Detected
Type 3	7.5	2273	432.5	17	1	1	100.00%	Detected
Type 3	7.5	2915	335.5	17	1	1	100.00%	Detected
Type 3	7.6	3268	298.4	16	1	1	100.00%	Detected
Type 3	7.6	4975	193.4	18	1	1	100.00%	Detected
Type 3	7.9	2801	349.1	16	1	1	100.00%	Detected
Type 3	7.9	2188	449.1	18	1	1	100.00%	Detected
Type 3	8	2494	393	18	1	1	100.00%	Detected
Type 3	8.1	2208	444.9	17	1	1	100.00%	Detected
Type 3	8.6	2488	393.4	18	1	1	100.00%	Detected
Type 3	8.6	2273	431.4	16	1	1	100.00%	Detected
Type 3	8.7	3546	273.3	18	1	1	100.00%	Detected
Type 3	8.8	3717	260.2	18	1	1	100.00%	Detected
Type 3	9	2083	471	16	1	1	100.00%	Detected
Type 3	9.1	2070	473.9	18	1	1	100.00%	Detected
Type 3	9.2	2288	427.8	17	1	1	100.00%	Detected
Type 3	9.3	2463	396.7	17	1	1	100.00%	Detected
Type 3	9.3	3731	258.7	16	1	1	100.00%	Detected
Type 3	9.6	3049	318.4	17	1	1	100.00%	Detected
Type 3	9.6	3344	289.4	18	1	1	100.00%	Detected
Type 3	9.8	2833	343.2	17	1	1	100.00%	Detected
Type 3	9.8	2494	391.2	17	1	1	100.00%	Detected
Type 3	9.9	2179	449.1	16	1	1	100.00%	Detected
Type 3	9.9	2427	402.1	16	1	1	100.00%	Detected

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Title: Xirrus XR520H
To: FCC CFR 47 Part 15 Subpart E 15.407
Serial #: XIRR11-U3 DFS Rev A
Issue Date: 24th March 2015
Page: 70 of 128

Equipment Configuration for Radar Type 4

Variant:	802.11n HT40	Duty Cycle (%):	35.00
Data Rate:	18	Antenna Gain (dBi):	5
Modulation:	OFDM	Beam Forming Gain (Y):	Not Applicable
TPC:		Tested By:	BJ
Engineering Test Notes:			

Test Measurement Results

Radar Type	Pulse Width (us)	PRF (Hz)	PRI - PW (us)	# Pulses	Detections	Injection #	Detection Rate	Pass/Fail
Type 4	11	2577	377	15	1	1	100.00%	Detected
Type 4	11.5	2174	448.5	12	1	1	100.00%	Detected
Type 4	11.6	2364	411.4	14	1	1	100.00%	Detected
Type 4	12.3	2012	484.7	12	1	1	100.00%	Detected
Type 4	12.4	3802	250.6	13	1	1	100.00%	Detected
Type 4	12.5	2096	464.5	15	1	1	100.00%	Detected
Type 4	12.5	2639	366.5	13	1	1	100.00%	Detected
Type 4	13.5	2079	467.5	16	1	1	100.00%	Detected
Type 4	13.8	2571	375.2	15	1	1	100.00%	Detected
Type 4	13.8	2427	398.2	14	1	1	100.00%	Detected
Type 4	13.9	3390	281.1	16	1	1	100.00%	Detected
Type 4	14.8	4762	195.2	12	1	1	100.00%	Detected
Type 4	15.3	4878	189.7	16	1	1	100.00%	Detected
Type 4	16.1	4032	231.9	14	1	1	100.00%	Detected
Type 4	16.7	4049	230.3	15	1	1	100.00%	Detected
Type 4	16.7	4425	209.3	12	1	1	100.00%	Detected
Type 4	16.7	5000	183.3	12	1	1	100.00%	Detected
Type 4	17	2101	459	13	1	1	100.00%	Detected
Type 4	17.3	3333	282.7	12	1	1	100.00%	Detected
Type 4	17.5	2933	323.5	16	1	1	100.00%	Detected
Type 4	17.6	2283	420.4	16	1	1	100.00%	Detected
Type 4	17.7	2232	430.3	13	1	1	100.00%	Detected
Type 4	18	3344	281	13	1	1	100.00%	Detected
Type 4	18.5	3788	245.5	15	1	1	100.00%	Detected
Type 4	18.5	3534	264.5	12	1	1	100.00%	Detected
Type 4	18.7	3135	300.3	16	1	1	100.00%	Detected
Type 4	19.1	3968	232.9	16	1	1	100.00%	Detected
Type 4	19.2	2160	443.8	16	1	1	100.00%	Detected
Type 4	19.2	4016	229.8	14	1	1	100.00%	Detected
Type 4	19.4	2375	401.6	13	1	1	100.00%	Detected

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Title: Xirrus XR520H
To: FCC CFR 47 Part 15 Subpart E 15.407
Serial #: XIRR11-U3 DFS Rev A
Issue Date: 24th March 2015
Page: 71 of 128

Equipment Configuration for Radar Type 5

Variant:	802.11n HT40	Duty Cycle (%):	35.00
Data Rate:	18	Antenna Gain (dBi):	5
Modulation:	OFDM	Beam Forming Gain (Y):	Not Applicable
TPC:		Tested By:	BJ
Engineering Test Notes:			

Test Measurement Results

Burst Segment	Detections	Injection #	Detection Rate	Pass/Fail
Type 5 #1	1	1	100.00%	Detected
Type 5 #2	1	1	100.00%	Detected
Type 5 #3	1	1	100.00%	Detected
Type 5 #4	1	1	100.00%	Detected
Type 5 #5	1	1	100.00%	Detected
Type 5 #6	1	1	100.00%	Detected
Type 5 #7	1	1	100.00%	Detected
Type 5 #8	1	1	100.00%	Detected
Type 5 #9	1	1	100.00%	Detected
Type 5 #10	1	1	100.00%	Detected
Type 5 #11	1	1	100.00%	Detected
Type 5 #12	1	1	100.00%	Detected
Type 5 #13	1	1	100.00%	Detected
Type 5 #14	1	1	100.00%	Detected
Type 5 #15	1	1	100.00%	Detected
Type 5 #16	1	1	100.00%	Detected
Type 5 #17	1	1	100.00%	Detected
Type 5 #18	1	1	100.00%	Detected
Type 5 #19	1	1	100.00%	Detected
Type 5 #20	1	1	100.00%	Detected
Type 5 #21	1	1	100.00%	Detected
Type 5 #22	1	1	100.00%	Detected
Type 5 #23	1	1	100.00%	Detected
Type 5 #24	1	1	100.00%	Detected
Type 5 #25	1	1	100.00%	Detected
Type 5 #26	1	1	100.00%	Detected
Type 5 #27	1	1	100.00%	Detected
Type 5 #28	1	1	100.00%	Detected
Type 5 #29	1	1	100.00%	Detected
Type 5 #30	1	1	100.00%	Detected

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Title: Xirrus XR520H
To: FCC CFR 47 Part 15 Subpart E 15.407
Serial #: XIRR11-U3 DFS Rev A
Issue Date: 24th March 2015
Page: 72 of 128

Equipment Configuration for Radar Type 6

Variant:	802.11n HT40	Duty Cycle (%):	35.00
Data Rate:	18	Antenna Gain (dBi):	5
Modulation:	OFDM	Beam Forming Gain (Y):	Not Applicable
TPC:		Tested By:	BJ
Engineering Test Notes:			

Test Measurement Results

Burst Segment	Detections	Injection #	Detection Rate	Pass/Fail
Type 6 #1	1	1	100.00%	Detected
Type 6 #2	1	1	100.00%	Detected
Type 6 #3	1	1	100.00%	Detected
Type 6 #4	1	1	100.00%	Detected
Type 6 #5	1	1	100.00%	Detected
Type 6 #6	1	1	100.00%	Detected
Type 6 #7	1	1	100.00%	Detected
Type 6 #8	1	1	100.00%	Detected
Type 6 #9	1	1	100.00%	Detected
Type 6 #10	1	1	100.00%	Detected
Type 6 #11	1	1	100.00%	Detected
Type 6 #12	1	1	100.00%	Detected
Type 6 #13	1	1	100.00%	Detected
Type 6 #14	1	1	100.00%	Detected
Type 6 #15	1	1	100.00%	Detected
Type 6 #16	1	1	100.00%	Detected
Type 6 #17	1	1	100.00%	Detected
Type 6 #18	1	1	100.00%	Detected
Type 6 #19	1	1	100.00%	Detected
Type 6 #20	1	1	100.00%	Detected
Type 6 #21	1	1	100.00%	Detected
Type 6 #22	1	1	100.00%	Detected
Type 6 #23	1	1	100.00%	Detected
Type 6 #24	1	1	100.00%	Detected
Type 6 #25	1	1	100.00%	Detected
Type 6 #26	1	1	100.00%	Detected
Type 6 #27	1	1	100.00%	Detected
Type 6 #28	1	1	100.00%	Detected
Type 6 #29	1	1	100.00%	Detected
Type 6 #30	1	1	100.00%	Detected

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Title: Xirrus XR520H
To: FCC CFR 47 Part 15 Subpart E 15.407
Serial #: XIRR11-U3 DFS Rev A
Issue Date: 24th March 2015
Page: 73 of 128

Equipment Configuration for Radar Type 7

Variant:	802.11n HT40	Duty Cycle (%):	35.00
Data Rate:	18	Antenna Gain (dBi):	5
Modulation:	OFDM	Beam Forming Gain (Y):	Not Applicable
TPC:		Tested By:	BJ
Engineering Test Notes:			

Test Measurement Results

Radar Type	Pulse Width (us)	PRF (Hz)	PRI - PW (us)	# Pulses	Detections	Injection #	Detection Rate	Pass/Fail
Type 7	1	1355	737	72	1	1	100.00%	Detected
Type 7	1	1433	697	76	1	1	100.00%	Detected
Type 7	1	1393	717	74	1	1	100.00%	Detected
Type 7	1	1139	877	61	1	1	100.00%	Detected
Type 7	1	1792	557	95	1	1	100.00%	Detected
Type 7	1	1319	757	70	1	1	100.00%	Detected
Type 7	1	1253	797	67	1	1	100.00%	Detected
Type 7	1	1089	917	58	0	1	0.00%	No Detection
Type 7	1	1618	617	86	1	1	100.00%	Detected
Type 7	1	1166	857	62	0	1	0.00%	No Detection
Type 7	1	1672	597	89	1	1	100.00%	Detected
Type 7	1	1730	577	92	1	1	100.00%	Detected
Type 7	1	1222	817	65	1	1	100.00%	Detected
Type 7	1	1520	657	81	1	1	100.00%	Detected
Type 7	1	1066	937	57	1	1	100.00%	Detected
Type 7	1	1133	882	60	1	1	100.00%	Detected
Type 7	1	339	2949	18	1	1	100.00%	Detected
Type 7	1	919	1087	49	1	1	100.00%	Detected
Type 7	1	1107	902	59	1	1	100.00%	Detected
Type 7	1	1017	982	54	1	1	100.00%	Detected
Type 7	1	1736	575	92	1	1	100.00%	Detected
Type 7	1	745	1342	40	1	1	100.00%	Detected
Type 7	1	359	2785	19	1	1	100.00%	Detected
Type 7	1	333	3001	18	1	1	100.00%	Detected
Type 7	1	468	2138	25	1	1	100.00%	Detected
Type 7	1	393	2545	21	1	1	100.00%	Detected
Type 7	1	966	1034	51	1	1	100.00%	Detected
Type 7	1	611	1636	33	1	1	100.00%	Detected
Type 7	1	446	2240	24	1	1	100.00%	Detected
Type 7	1	922	1084	49	1	1	100.00%	Detected

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Title: Xirrus XR520H
To: FCC CFR 47 Part 15 Subpart E 15.407
Serial #: XIRR11-U3 DFS Rev A
Issue Date: 24th March 2015
Page: 74 of 128

9.1.7. Detection Bandwidth

Selected operating modes on the EUT have their Detection Bandwidth exercised. The EUT is set up as a standalone device (no associated client and no traffic).

A single burst of the specified radar type was injected on the channel(s) of interest. The burst is generated for a minimum of 10 trials, and the response of the EUT determined. The EUT must detect the Radar Waveform $\geq 90\%$ of the time.

The radar frequency is increased in 1 MHz steps, repeating the above test sequence, until the detection rate falls below 90%. The highest frequency at which detection is greater than or equal to 90% is denoted as F_H .

The radar frequency is decreased in 1 MHz steps, repeating the above test sequence, until the detection rate falls below 90%. The lowest frequency at which detection is greater than or equal to 90% is denoted as F_L .

The U-NII Detection Bandwidth is calculated as follows:

$$\text{U-NII Detection Bandwidth} = F_H - F_L$$

The U-NII Detection Bandwidth must be at least 80% of the EUT transmitter 99% power table of results follow.



Title: Xirrus XR520H
To: FCC CFR 47 Part 15 Subpart E 15.407
Serial #: XIRR11-U3 DFS Rev A
Issue Date: 24th March 2015
Page: 75 of 128

Equipment Configuration for Detection Bandwidth

Variant:	802.11a	Duty Cycle (%):	35.00
Data Rate:	18	Antenna Gain (dBi):	5
Modulation:	OFDM	Beam Forming Gain (Y):	Not Applicable
TPC:		Tested By:	BJ
Engineering Test Notes:			

Test Measurement Results

Frequency	Detections	Injection #	Detection Rate	Pass/Fail
5487 MHz	3	5	60.00%	Fail
5488 MHz	10	10	100.00%	Pass
5489 MHz	10	10	100.00%	Pass
5490 MHz	10	10	100.00%	Pass
5491 MHz	10	10	100.00%	Pass
5492 MHz	10	10	100.00%	Pass
5493 MHz	10	10	100.00%	Pass
5494 MHz	10	10	100.00%	Pass
5495 MHz	10	10	100.00%	Pass
5496 MHz	10	10	100.00%	Pass
5497 MHz	10	10	100.00%	Pass
5498 MHz	10	10	100.00%	Pass
5499 MHz	10	10	100.00%	Pass
5500	10	10	100.00%	Pass
5501 MHz	10	10	100.00%	Pass
5502 MHz	10	10	100.00%	Pass
5503 MHz	10	10	100.00%	Pass
5504 MHz	10	10	100.00%	Pass
5505 MHz	10	10	100.00%	Pass
5506 MHz	10	10	100.00%	Pass
5507 MHz	10	10	100.00%	Pass
5508 MHz	10	10	100.00%	Pass
5509 MHz	10	10	100.00%	Pass
5510 MHz	10	10	100.00%	Pass
5511 MHz	10	10	100.00%	Pass
5512 MHz	10	10	100.00%	Pass
5513 MHz	1	3	33.33%	Fail

Detection Bandwidth = FH-FL = 5512-5488 = 24 MHz

EUT 99% Bandwidth = 16.63 MHz (ref. bandwidth channel 5500 MHz)

16.63 MHz *80% = 13.304 MHz

For each frequency step the minimum percentage detection is 90%

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Title: Xirrus XR520H
To: FCC CFR 47 Part 15 Subpart E 15.407
Serial #: XIRR11-U3 DFS Rev A
Issue Date: 24th March 2015
Page: 76 of 128

Equipment Configuration for Detection Bandwidth

Variant:	802.11n HT40	Duty Cycle (%):	35.00
Data Rate:	18	Antenna Gain (dBi):	5
Modulation:	OFDM	Beam Forming Gain (Y):	Not Applicable
TPC:		Tested By:	BJ
Engineering Test Notes:			

Test Measurement Results

Frequency	Detections	Injection #	Detection Rate	Pass/Fail
5488 MHz	7	10	70.00%	Fail
5489 MHz	10	10	100.00%	Pass
5490 MHz	10	10	100.00%	Pass
5491 MHz	10	10	100.00%	Pass
5492 MHz	10	10	100.00%	Pass
5493 MHz	10	10	100.00%	Pass
5494 MHz	10	10	100.00%	Pass
5495 MHz	10	10	100.00%	Pass
5496 MHz	10	10	100.00%	Pass
5497 MHz	10	10	100.00%	Pass
5498 MHz	10	10	100.00%	Pass
5499 MHz	10	10	100.00%	Pass
5500 MHz	10	10	100.00%	Pass
5501 MHz	10	10	100.00%	Pass
5502 MHz	10	10	100.00%	Pass
5503 MHz	10	10	100.00%	Pass
5504 MHz	10	10	100.00%	Pass
5505 MHz	10	10	100.00%	Pass
5506 MHz	10	10	100.00%	Pass
5507 MHz	10	10	100.00%	Pass
5508 MHz	10	10	100.00%	Pass
5509 MHz	10	10	100.00%	Pass
5510	10	10	100.00%	Pass
5511 MHz	10	10	100.00%	Pass
5512 MHz	10	10	100.00%	Pass
5513 MHz	10	10	100.00%	Pass
5514 MHz	10	10	100.00%	Pass
5515 MHz	10	10	100.00%	Pass
5516 MHz	10	10	100.00%	Pass
5517 MHz	10	10	100.00%	Pass
5518 MHz	10	10	100.00%	Pass
5519 MHz	10	10	100.00%	Pass
5520 MHz	10	10	100.00%	Pass

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Title: Xirrus XR520H
To: FCC CFR 47 Part 15 Subpart E 15.407
Serial #: XIRR11-U3 DFS Rev A
Issue Date: 24th March 2015
Page: 77 of 128

5521 MHz	10	10	100.00%	Pass
5522 MHz	10	10	100.00%	Pass
5523 MHz	10	10	100.00%	Pass
5524 MHz	10	10	100.00%	Pass
5525 MHz	10	10	100.00%	Pass
5526 MHz	10	10	100.00%	Pass
5527 MHz	10	10	100.00%	Pass
5528 MHz	10	10	100.00%	Pass
5529 MHz	10	10	100.00%	Pass
5530 MHz	10	10	100.00%	Pass
5531 MHz	10	10	100.00%	Pass
5532 MHz	10	10	100.00%	Pass
5533 MHz	1	10	10.00%	Fail

Detection Bandwidth = FH-FL = 5532-5489 = 44 MHz
EUT 99% Bandwidth = 36.27 MHz (ref. bandwidth channel 5500 MHz)
36.27 MHz *80% = 29.016 MHz

For each frequency step the minimum percentage detection is 90%

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Title: Xirrus XR520H
To: FCC CFR 47 Part 15 Subpart E 15.407
Serial #: XIRR11-U3 DFS Rev A
Issue Date: 24th March 2015
Page: 78 of 128

10. APPENDIX

10.1. Type 5 - Injected Radar Signatures

802.11a Injected Type 5 Radar Injections

[Type 5 #1 \[Back to Summary\]](#)

Burst Segment	Number of Pulses	Chirp Width MHz	t1 usec	Pulse Width (t2) usec	t3 usec	t4 usec	t5 usec	Total Segment Length usec
1	2	15	637463	53	1846	0	283661	923076
2	2	19	530146	50	1347	0	391483	923076
3	3	7	863305	93	1068	1092	57332	923076
4	3	15	451115	57	1800	1319	468671	923076
5	1	13	238129	54	0	0	684893	923076
6	2	14	388519	61	1001	0	533434	923076
7	1	6	487629	73	0	0	435374	923076
8	3	12	848146	51	1321	1671	71785	923076
9	1	5	379514	91	0	0	543471	923076
10	1	8	678439	52	0	0	244585	923076
11	2	7	575736	75	1064	0	346126	923076
12	1	16	531856	100	0	0	391120	923076
13	1	20	722975	72	0	0	200029	923076

[Type 5 #2 \[Back to Summary\]](#)

Burst Segment	Number of Pulses	Chirp Width MHz	t1 usec	Pulse Width (t2) usec	t3 usec	t4 usec	t5 usec	Total Segment Length usec
1	2	16	78829	57	1402	0	1010564	1090909
2	2	19	896338	61	1181	0	193268	1090909
3	3	10	742949	94	1668	1304	344706	1090909
4	1	10	539506	60	0	0	551343	1090909
5	1	9	25901	75	0	0	1064933	1090909
6	3	13	215618	50	1115	1449	872577	1090909
7	3	7	941671	84	1711	1477	145798	1090909
8	2	20	548547	96	1700	0	540470	1090909
9	2	10	814111	66	1094	0	275572	1090909
10	3	12	253718	66	1894	1038	834061	1090909
11	2	5	982742	64	1840	0	106199	1090909

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Title: Xirrus XR520H
To: FCC CFR 47 Part 15 Subpart E 15.407
Serial #: XIRR11-U3 DFS Rev A
Issue Date: 24th March 2015
Page: 79 of 128

Type 5 #3 [Back to Summary]

Burst Segment	Number of Pulses	Chirp Width MHz	t1 usec	Pulse Width (t2) usec	t3 usec	t4 usec	t5 usec	Total Segment Length usec
1	2	5	326358	53	1116	0	378302	705882
2	3	9	134491	97	1739	1606	567755	705882
3	2	10	475475	50	1216	0	229091	705882
4	3	8	57903	91	1904	1930	643872	705882
5	1	15	392442	60	0	0	313380	705882
6	1	5	599910	83	0	0	105889	705882
7	3	20	642467	82	1942	1333	59894	705882
8	3	20	560280	69	1332	1412	142651	705882
9	1	7	1870	58	0	0	703954	705882
10	3	5	153914	85	1949	1298	548466	705882
11	2	17	585604	100	1490	0	118588	705882
12	3	19	173843	72	1824	1282	528717	705882
13	3	13	7499	97	1475	1077	695540	705882
14	1	14	607197	100	0	0	98585	705882
15	3	7	40142	75	1074	1080	663361	705882
16	3	12	388087	84	1636	1101	314806	705882
17	2	20	594171	100	1147	0	110364	705882

Type 5 #4 [Back to Summary]

Burst Segment	Number of Pulses	Chirp Width MHz	t1 usec	Pulse Width (t2) usec	t3 usec	t4 usec	t5 usec	Total Segment Length usec
1	3	5	731214	98	1509	1129	599187	1333333
2	1	14	703197	61	0	0	630075	1333333
3	3	16	477017	84	1962	1695	852407	1333333
4	3	15	1007583	75	1416	1751	322358	1333333
5	3	10	447860	61	1646	1146	882498	1333333
6	2	13	222737	78	1930	0	1108510	1333333
7	1	15	1072641	55	0	0	260637	1333333
8	2	14	1145034	68	1955	0	186208	1333333
9	2	19	1225387	57	1780	0	106052	1333333

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Title: Xirrus XR520H
To: FCC CFR 47 Part 15 Subpart E 15.407
Serial #: XIRR11-U3 DFS Rev A
Issue Date: 24th March 2015
Page: 80 of 128

Type 5 #5 [Back to Summary]

Burst Segment	Number of Pulses	Chirp Width MHz	t1 usec	Pulse Width (t2) usec	t3 usec	t4 usec	t5 usec	Total Segment Length usec
1	3	8	568761	54	1459	1487	761464	1333333
2	1	7	1106928	55	0	0	226350	1333333
3	1	11	1043864	74	0	0	289395	1333333
4	3	5	661982	50	1868	1517	667816	1333333
5	3	13	103950	51	1443	1143	1226644	1333333
6	2	9	454038	95	1626	0	877479	1333333
7	2	5	529717	87	1479	0	801963	1333333
8	2	12	1179767	52	1740	0	151722	1333333
9	3	20	238910	74	1199	1880	1091122	1333333

Type 5 #6 [Back to Summary]

Burst Segment	Number of Pulses	Chirp Width MHz	t1 usec	Pulse Width (t2) usec	t3 usec	t4 usec	t5 usec	Total Segment Length usec
1	1	7	20774	73	0	0	1179153	1200000
2	1	9	983423	71	0	0	216506	1200000
3	2	10	1158081	88	1409	0	40334	1200000
4	2	13	683174	92	1489	0	515153	1200000
5	3	9	1155364	70	1334	1643	41449	1200000
6	2	14	666545	89	1850	0	531427	1200000
7	2	9	346942	62	1899	0	851035	1200000
8	3	12	362833	92	1324	1316	834251	1200000
9	3	18	41121	83	1622	1737	1155271	1200000
10	3	7	752774	72	1932	1485	443593	1200000

Type 5 #7 [Back to Summary]

Burst Segment	Number of Pulses	Chirp Width MHz	t1 usec	Pulse Width (t2) usec	t3 usec	t4 usec	t5 usec	Total Segment Length usec
1	3	17	788771	94	1813	1161	541306	1333333
2	2	12	1273451	91	1263	0	58437	1333333
3	2	13	903056	52	1677	0	428496	1333333
4	3	7	905897	52	1253	1455	424572	1333333
5	2	5	519350	74	1229	0	812606	1333333
6	1	15	832425	58	0	0	500850	1333333
7	1	7	153595	81	0	0	1179657	1333333
8	2	5	973083	99	1338	0	358714	1333333
9	3	9	152732	75	1396	1906	1177074	1333333

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Title: Xirrus XR520H
To: FCC CFR 47 Part 15 Subpart E 15.407
Serial #: XIRR11-U3 DFS Rev A
Issue Date: 24th March 2015
Page: 81 of 128

Type 5 #8 [Back to Summary]

Burst Segment	Number of Pulses	Chirp Width MHz	t1 usec	Pulse Width (t2) usec	t3 usec	t4 usec	t5 usec	Total Segment Length usec
1	2	17	660468	54	1168	0	88256	750000
2	1	15	76799	69	0	0	673132	750000
3	1	17	699358	66	0	0	50576	750000
4	1	15	569760	74	0	0	180166	750000
5	2	19	295357	93	1911	0	452546	750000
6	1	20	534014	86	0	0	215900	750000
7	2	20	185098	71	1407	0	563353	750000
8	2	13	678538	96	1866	0	69404	750000
9	2	16	178711	76	1776	0	569361	750000
10	2	8	169399	50	1649	0	578852	750000
11	2	10	384549	76	1849	0	363450	750000
12	3	8	628583	52	1775	1129	118357	750000
13	1	7	663387	59	0	0	86554	750000
14	3	16	660869	85	1977	1754	85145	750000
15	2	14	184353	67	1243	0	564270	750000
16	3	15	43041	54	1436	1382	703979	750000

Type 5 #9 [Back to Summary]

Burst Segment	Number of Pulses	Chirp Width MHz	t1 usec	Pulse Width (t2) usec	t3 usec	t4 usec	t5 usec	Total Segment Length usec
1	3	19	1337262	65	1073	1113	160357	1500000
2	2	15	1103062	76	1770	0	395016	1500000
3	1	10	858257	67	0	0	641676	1500000
4	3	17	1340864	64	1317	1220	156407	1500000
5	2	8	906074	50	1775	0	592051	1500000
6	1	20	851980	93	0	0	647927	1500000
7	2	17	646165	88	1999	0	851660	1500000
8	3	19	729063	99	1591	1803	767246	1500000

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Title: Xirrus XR520H
To: FCC CFR 47 Part 15 Subpart E 15.407
Serial #: XIRR11-U3 DFS Rev A
Issue Date: 24th March 2015
Page: 82 of 128

Type 5 #10 [Back to Summary]

Burst Segment	Number of Pulses	Chirp Width MHz	t1 usec	Pulse Width (t2) usec	t3 usec	t4 usec	t5 usec	Total Segment Length usec
1	1	14	610536	81	0	0	589383	1200000
2	3	10	798324	96	1194	1368	398826	1200000
3	1	7	497657	92	0	0	702251	1200000
4	1	9	610806	86	0	0	589108	1200000
5	2	14	517287	82	1115	0	681434	1200000
6	3	10	1092937	64	1896	1709	103266	1200000
7	2	13	796893	59	1734	0	401255	1200000
8	1	14	319317	70	0	0	880613	1200000
9	3	13	803821	67	1764	1199	393015	1200000
10	3	18	311195	98	1016	1574	885921	1200000

Type 5 #11 [Back to Summary]

Burst Segment	Number of Pulses	Chirp Width MHz	t1 usec	Pulse Width (t2) usec	t3 usec	t4 usec	t5 usec	Total Segment Length usec
1	1	18	532920	59	0	0	267021	800000
2	1	14	181651	59	0	0	618290	800000
3	2	14	769341	51	1281	0	29276	800000
4	2	6	220579	78	1499	0	577766	800000
5	3	5	73055	56	1806	1276	723695	800000
6	3	17	406466	96	1306	1335	390605	800000
7	3	15	269028	56	1823	1095	527886	800000
8	3	5	31090	100	1212	1977	765421	800000
9	1	19	386214	66	0	0	413720	800000
10	1	7	674805	59	0	0	125136	800000
11	2	15	439626	87	1131	0	359069	800000
12	1	17	692617	95	0	0	107288	800000
13	1	9	713827	71	0	0	86102	800000
14	1	12	501875	57	0	0	298068	800000
15	1	8	183028	70	0	0	616902	800000

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Title: Xirrus XR520H
To: FCC CFR 47 Part 15 Subpart E 15.407
Serial #: XIRR11-U3 DFS Rev A
Issue Date: 24th March 2015
Page: 83 of 128

Type 5 #12 [Back to Summary]

Burst Segment	Number of Pulses	Chirp Width MHz	t1 usec	Pulse Width (t2) usec	t3 usec	t4 usec	t5 usec	Total Segment Length usec
1	1	7	850973	84	0	0	6085	857142
2	2	7	581804	98	1317	0	273825	857142
3	2	12	118454	58	1175	0	737397	857142
4	2	9	373599	76	1819	0	481572	857142
5	1	19	673451	56	0	0	183635	857142
6	3	6	730829	57	1179	1441	123522	857142
7	1	19	526885	90	0	0	330167	857142
8	3	5	526568	76	1981	1558	326807	857142
9	3	13	112418	80	1490	1850	741144	857142
10	2	5	90138	94	1027	0	765789	857142
11	3	17	292304	79	1121	1367	562113	857142
12	3	18	622214	74	1561	1773	231372	857142
13	2	17	749951	79	1253	0	105780	857142
14	2	12	611457	81	1542	0	243981	857142

Type 5 #13 [Back to Summary]

Burst Segment	Number of Pulses	Chirp Width MHz	t1 usec	Pulse Width (t2) usec	t3 usec	t4 usec	t5 usec	Total Segment Length usec
1	2	14	1122215	76	1392	0	76241	1200000
2	2	8	496503	88	1172	0	702149	1200000
3	3	8	559763	61	1145	1493	637416	1200000
4	1	13	853524	55	0	0	346421	1200000
5	1	18	103506	58	0	0	1096436	1200000
6	3	19	460341	53	1525	1532	736443	1200000
7	2	7	343812	78	1372	0	854660	1200000
8	2	20	1126271	89	1957	0	71594	1200000
9	1	14	377647	67	0	0	822286	1200000
10	3	14	1044898	68	1107	1383	152408	1200000

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Title: Xirrus XR520H
To: FCC CFR 47 Part 15 Subpart E 15.407
Serial #: XIRR11-U3 DFS Rev A
Issue Date: 24th March 2015
Page: 84 of 128

Type 5 #14 [Back to Summary]

Burst Segment	Number of Pulses	Chirp Width MHz	t1 usec	Pulse Width (t2) usec	t3 usec	t4 usec	t5 usec	Total Segment Length usec
1	2	5	288555	52	1146	0	633271	923076
2	2	12	608961	75	1876	0	312089	923076
3	1	17	770826	85	0	0	152165	923076
4	1	18	792404	53	0	0	130619	923076
5	3	8	561755	84	1156	1560	358353	923076
6	3	13	448680	79	1374	1549	471236	923076
7	3	15	480017	57	1937	1243	439708	923076
8	1	20	893112	61	0	0	29903	923076
9	1	6	257585	73	0	0	665418	923076
10	3	18	260407	82	1480	1525	659418	923076
11	3	12	165839	62	1187	1224	754640	923076
12	2	11	82756	70	1739	0	838441	923076
13	1	11	821781	97	0	0	101198	923076

Type 5 #15 [Back to Summary]

Burst Segment	Number of Pulses	Chirp Width MHz	t1 usec	Pulse Width (t2) usec	t3 usec	t4 usec	t5 usec	Total Segment Length usec
1	1	14	886236	93	0	0	447004	1333333
2	3	19	1010367	81	1916	1401	319406	1333333
3	1	16	107348	64	0	0	1225921	1333333
4	3	18	693703	53	1265	1757	636449	1333333
5	2	16	53819	74	1062	0	1278304	1333333
6	3	8	700674	90	1878	1160	629351	1333333
7	3	17	1179904	69	1606	1962	149654	1333333
8	3	6	1046363	68	1365	1585	283816	1333333
9	2	8	458156	55	1663	0	873404	1333333

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Title: Xirrus XR520H
To: FCC CFR 47 Part 15 Subpart E 15.407
Serial #: XIRR11-U3 DFS Rev A
Issue Date: 24th March 2015
Page: 85 of 128

Type 5 #16 [Back to Summary]

Burst Segment	Number of Pulses	Chirp Width MHz	t1 usec	Pulse Width (t2) usec	t3 usec	t4 usec	t5 usec	Total Segment Length usec
1	1	15	378547	64	0	0	221389	600000
2	2	14	316910	72	1138	0	281808	600000
3	2	18	22476	58	1649	0	575759	600000
4	1	11	535301	61	0	0	64638	600000
5	3	17	540812	74	1186	1989	55791	600000
6	2	5	148352	58	1685	0	449847	600000
7	3	6	514291	92	1458	1258	82717	600000
8	3	6	25931	93	1019	1365	571406	600000
9	3	8	427345	68	1192	1302	169957	600000
10	2	8	184390	77	1724	0	413732	600000
11	3	7	456449	94	1831	1287	140151	600000
12	3	11	340749	60	1878	1891	255302	600000
13	3	10	212851	53	1390	1176	384424	600000
14	2	18	257824	66	1564	0	340480	600000
15	3	17	263383	92	1714	1338	333289	600000
16	2	5	318232	57	1234	0	280420	600000
17	2	6	357946	80	1031	0	240863	600000
18	1	17	591060	53	0	0	8887	600000
19	1	17	271064	97	0	0	328839	600000
20	1	10	222531	98	0	0	377371	600000

Type 5 #17 [Back to Summary]

Burst Segment	Number of Pulses	Chirp Width MHz	t1 usec	Pulse Width (t2) usec	t3 usec	t4 usec	t5 usec	Total Segment Length usec
1	3	11	240506	70	1169	1439	956676	1200000
2	1	5	782105	77	0	0	417818	1200000
3	3	16	302573	94	1875	1338	893932	1200000
4	3	9	344192	89	1145	1759	852637	1200000
5	1	14	318115	53	0	0	881832	1200000
6	1	9	712770	52	0	0	487178	1200000
7	2	7	195222	55	1951	0	1002717	1200000
8	3	8	34583	54	1149	1881	1162225	1200000
9	1	11	44856	51	0	0	1155093	1200000
10	1	5	538394	71	0	0	661535	1200000

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Title: Xirrus XR520H
To: FCC CFR 47 Part 15 Subpart E 15.407
Serial #: XIRR11-U3 DFS Rev A
Issue Date: 24th March 2015
Page: 86 of 128

Type 5 #18 [Back to Summary]

Burst Segment	Number of Pulses	Chirp Width MHz	t1 usec	Pulse Width (t2) usec	t3 usec	t4 usec	t5 usec	Total Segment Length usec
1	2	5	516127	59	1226	0	682529	1200000
2	2	10	208155	58	1590	0	990139	1200000
3	1	8	548368	99	0	0	651533	1200000
4	1	16	944999	83	0	0	254918	1200000
5	3	7	513141	75	1520	1618	683496	1200000
6	1	8	991370	85	0	0	208545	1200000
7	1	18	1182596	73	0	0	17331	1200000
8	2	7	121000	55	1212	0	1077678	1200000
9	3	14	719566	76	1671	1724	476811	1200000
10	3	6	191839	86	1828	1582	1004493	1200000

Type 5 #19 [Back to Summary]

Burst Segment	Number of Pulses	Chirp Width MHz	t1 usec	Pulse Width (t2) usec	t3 usec	t4 usec	t5 usec	Total Segment Length usec
1	2	10	41675	82	1940	0	956221	1000000
2	3	14	316643	78	1110	1735	680278	1000000
3	1	7	336423	67	0	0	663510	1000000
4	1	7	271613	68	0	0	728319	1000000
5	1	18	267698	78	0	0	732224	1000000
6	1	11	918308	92	0	0	81600	1000000
7	2	5	664939	85	1868	0	333023	1000000
8	2	6	637521	82	1197	0	361118	1000000
9	2	9	513252	53	1651	0	484991	1000000
10	3	9	473052	90	1339	1380	523959	1000000
11	2	16	309934	78	1695	0	688215	1000000
12	1	14	372538	92	0	0	627370	1000000

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Title: Xirrus XR520H
To: FCC CFR 47 Part 15 Subpart E 15.407
Serial #: XIRR11-U3 DFS Rev A
Issue Date: 24th March 2015
Page: 87 of 128

Type 5 #20 [Back to Summary]

Burst Segment	Number of Pulses	Chirp Width MHz	t1 usec	Pulse Width (t2) usec	t3 usec	t4 usec	t5 usec	Total Segment Length usec
1	1	20	1003174	81	0	0	87654	1090909
2	3	18	761955	53	1651	1666	325478	1090909
3	1	13	780234	57	0	0	310618	1090909
4	1	11	42421	99	0	0	1048389	1090909
5	1	18	543750	74	0	0	547085	1090909
6	1	5	167312	72	0	0	923525	1090909
7	2	10	885913	58	1554	0	203326	1090909
8	2	11	490804	92	1550	0	598371	1090909
9	1	15	808555	87	0	0	282267	1090909
10	3	15	543570	82	1679	1425	543989	1090909
11	1	14	365947	100	0	0	724862	1090909

Type 5 #21 [Back to Summary]

Burst Segment	Number of Pulses	Chirp Width MHz	t1 usec	Pulse Width (t2) usec	t3 usec	t4 usec	t5 usec	Total Segment Length usec
1	3	19	390448	78	1398	1604	312198	705882
2	2	16	488219	96	1714	0	215757	705882
3	1	19	382639	55	0	0	323188	705882
4	1	7	440162	56	0	0	265664	705882
5	2	11	397731	84	1272	0	306711	705882
6	1	10	13628	92	0	0	692162	705882
7	2	10	14301	56	1553	0	689916	705882
8	3	20	665045	51	1935	1007	37742	705882
9	3	18	157789	90	1905	1027	544891	705882
10	1	17	622873	78	0	0	82931	705882
11	1	18	703320	95	0	0	2467	705882
12	3	11	134232	52	1284	1325	568885	705882
13	3	13	246776	59	1414	1594	455921	705882
14	1	9	610878	64	0	0	94940	705882
15	2	6	513370	69	1218	0	191156	705882
16	3	13	614851	93	1245	1340	88167	705882
17	1	7	224631	79	0	0	481172	705882

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Title: Xirrus XR520H
To: FCC CFR 47 Part 15 Subpart E 15.407
Serial #: XIRR11-U3 DFS Rev A
Issue Date: 24th March 2015
Page: 88 of 128

Type 5 #22 [Back to Summary]

Burst Segment	Number of Pulses	Chirp Width MHz	t1 usec	Pulse Width (t2) usec	t3 usec	t4 usec	t5 usec	Total Segment Length usec
1	2	10	693185	78	1791	0	395777	1090909
2	3	18	318302	81	1167	1713	769484	1090909
3	2	15	62331	65	1084	0	1027364	1090909
4	1	9	877211	97	0	0	213601	1090909
5	3	9	961340	80	1838	1195	126296	1090909
6	1	10	560309	100	0	0	530500	1090909
7	2	6	880296	68	1350	0	209127	1090909
8	2	12	1005134	98	1229	0	84350	1090909
9	3	5	492707	65	1015	1556	595436	1090909
10	1	9	891630	79	0	0	199200	1090909
11	3	18	1024527	83	1514	1472	63147	1090909

Type 5 #23 [Back to Summary]

Burst Segment	Number of Pulses	Chirp Width MHz	t1 usec	Pulse Width (t2) usec	t3 usec	t4 usec	t5 usec	Total Segment Length usec
1	2	17	679570	80	1629	0	409550	1090909
2	2	6	331583	83	1923	0	757237	1090909
3	3	13	758553	94	1115	1804	329155	1090909
4	2	12	274877	51	1550	0	814380	1090909
5	1	16	512207	87	0	0	578615	1090909
6	3	13	632198	75	1944	1526	455016	1090909
7	3	9	517833	94	1446	1888	569460	1090909
8	1	17	432978	57	0	0	657874	1090909
9	3	7	820813	82	1229	1702	266919	1090909
10	3	20	3961	58	1475	1481	1083818	1090909
11	2	8	64378	51	1854	0	1024575	1090909

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Title: Xirrus XR520H
To: FCC CFR 47 Part 15 Subpart E 15.407
Serial #: XIRR11-U3 DFS Rev A
Issue Date: 24th March 2015
Page: 89 of 128

Type 5 #24 [Back to Summary]

Burst Segment	Number of Pulses	Chirp Width MHz	t1 usec	Pulse Width (t2) usec	t3 usec	t4 usec	t5 usec	Total Segment Length usec
1	3	6	865697	50	1169	1397	331587	1200000
2	1	8	803946	50	0	0	396004	1200000
3	3	6	183417	61	1886	1665	1012849	1200000
4	2	14	920507	83	1464	0	277863	1200000
5	3	10	119944	90	1986	1050	1076750	1200000
6	3	9	499531	74	1231	1034	697982	1200000
7	1	17	333807	62	0	0	866131	1200000
8	3	11	655774	62	1148	1700	541192	1200000
9	1	16	479035	63	0	0	720902	1200000
10	2	8	680208	67	1686	0	517972	1200000

Type 5 #25 [Back to Summary]

Burst Segment	Number of Pulses	Chirp Width MHz	t1 usec	Pulse Width (t2) usec	t3 usec	t4 usec	t5 usec	Total Segment Length usec
1	2	19	826302	69	1204	0	263265	1090909
2	1	14	225211	67	0	0	865631	1090909
3	2	12	875407	98	1882	0	213424	1090909
4	3	18	445248	82	1876	1618	641921	1090909
5	1	6	465905	66	0	0	624938	1090909
6	3	8	583610	55	1651	1504	503979	1090909
7	1	15	845198	79	0	0	245632	1090909
8	3	10	595634	87	1597	1520	491897	1090909
9	3	20	644750	90	1172	1599	443118	1090909
10	2	12	517407	97	1964	0	571344	1090909
11	2	7	304676	53	1090	0	785037	1090909

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Title: Xirrus XR520H
To: FCC CFR 47 Part 15 Subpart E 15.407
Serial #: XIRR11-U3 DFS Rev A
Issue Date: 24th March 2015
Page: 90 of 128

Type 5 #26 [Back to Summary]

Burst Segment	Number of Pulses	Chirp Width MHz	t1 usec	Pulse Width (t2) usec	t3 usec	t4 usec	t5 usec	Total Segment Length usec
1	2	15	693495	72	1937	0	304424	1000000
2	1	9	377617	84	0	0	622299	1000000
3	3	20	265313	55	1199	1299	732024	1000000
4	2	13	373564	53	1366	0	624964	1000000
5	3	7	193244	92	1724	1315	803441	1000000
6	2	18	504185	53	1504	0	494205	1000000
7	3	11	859888	77	1842	1158	136881	1000000
8	2	15	879851	60	1272	0	118757	1000000
9	1	9	951055	91	0	0	48854	1000000
10	1	8	7912	83	0	0	992005	1000000
11	3	16	661597	82	1906	1427	334824	1000000
12	1	14	501006	97	0	0	498897	1000000

Type 5 #27 [Back to Summary]

Burst Segment	Number of Pulses	Chirp Width MHz	t1 usec	Pulse Width (t2) usec	t3 usec	t4 usec	t5 usec	Total Segment Length usec
1	2	18	337468	71	1271	0	461119	800000
2	2	12	393490	89	1107	0	405225	800000
3	2	15	11951	66	1102	0	786815	800000
4	2	12	747096	68	1363	0	51405	800000
5	3	18	764600	93	1506	1865	31750	800000
6	2	7	741525	100	1893	0	56382	800000
7	3	6	276485	85	1663	1463	520134	800000
8	2	13	165254	93	1479	0	633081	800000
9	1	13	254481	76	0	0	545443	800000
10	1	11	45397	90	0	0	754513	800000
11	3	9	602401	74	1565	1701	194111	800000
12	2	11	641271	68	1462	0	157131	800000
13	3	8	499155	64	1563	1469	297621	800000
14	2	13	647084	72	1260	0	151512	800000
15	2	12	599015	93	1670	0	199129	800000

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Title: Xirrus XR520H
To: FCC CFR 47 Part 15 Subpart E 15.407
Serial #: XIRR11-U3 DFS Rev A
Issue Date: 24th March 2015
Page: 91 of 128

Type 5 #28 [Back to Summary]

Burst Segment	Number of Pulses	Chirp Width MHz	t1 usec	Pulse Width (t2) usec	t3 usec	t4 usec	t5 usec	Total Segment Length usec
1	3	19	120117	77	1834	1581	876237	1000000
2	3	16	904504	72	1130	1406	92744	1000000
3	3	7	690495	99	1385	1708	306115	1000000
4	3	20	464450	95	1068	1692	532505	1000000
5	2	17	873813	93	1100	0	124901	1000000
6	2	5	203837	55	1005	0	795048	1000000
7	2	13	204659	93	1970	0	793185	1000000
8	1	6	737595	61	0	0	262344	1000000
9	2	13	280211	58	1644	0	718029	1000000
10	3	7	860964	61	1764	1743	135346	1000000
11	2	18	468766	95	1453	0	529591	1000000
12	3	19	20989	66	1574	1326	975913	1000000

Type 5 #29 [Back to Summary]

Burst Segment	Number of Pulses	Chirp Width MHz	t1 usec	Pulse Width (t2) usec	t3 usec	t4 usec	t5 usec	Total Segment Length usec
1	3	14	735940	85	1281	1842	260682	1000000
2	2	15	330072	89	1838	0	667912	1000000
3	1	18	215930	65	0	0	784005	1000000
4	2	15	344646	71	1261	0	653951	1000000
5	1	17	498908	57	0	0	501035	1000000
6	1	13	483455	54	0	0	516491	1000000
7	3	13	793503	67	1411	1475	203410	1000000
8	2	16	377505	97	1390	0	620911	1000000
9	2	20	559082	64	1211	0	439579	1000000
10	2	7	504765	83	1638	0	493431	1000000
11	3	19	85224	73	1065	1676	911816	1000000
12	3	6	237607	95	1277	1750	759081	1000000

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Title: Xirrus XR520H
To: FCC CFR 47 Part 15 Subpart E 15.407
Serial #: XIRR11-U3 DFS Rev A
Issue Date: 24th March 2015
Page: 92 of 128

Type 5 #30 [Back to Summary]

Burst Segment	Number of Pulses	Chirp Width MHz	t1 usec	Pulse Width (t2) usec	t3 usec	t4 usec	t5 usec	Total Segment Length usec
1	3	9	747688	65	1920	1720	748477	1500000
2	1	18	59604	64	0	0	1440332	1500000
3	1	6	469586	93	0	0	1030321	1500000
4	3	19	1290809	62	1343	1935	205727	1500000
5	3	19	1196873	51	1621	1346	300007	1500000
6	3	5	940180	94	1619	1112	556807	1500000
7	1	5	1363961	63	0	0	135976	1500000
8	1	20	985629	83	0	0	514288	1500000

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Title: Xirrus XR520H
To: FCC CFR 47 Part 15 Subpart E 15.407
Serial #: XIRR11-U3 DFS Rev A
Issue Date: 24th March 2015
Page: 93 of 128

802.11n HT-40 Injected Type 5 Radar Injections

[Type 5 #1 \[Back to Summary\]](#)

Burst Segment	Number of Pulses	Chirp Width MHz	t1 usec	Pulse Width (t2) usec	t3 usec	t4 usec	t5 usec	Total Segment Length usec
1	2	15	637463	53	1846	0	283661	923076
2	2	19	530146	50	1347	0	391483	923076
3	3	7	863305	93	1068	1092	57332	923076
4	3	15	451115	57	1800	1319	468671	923076
5	1	13	238129	54	0	0	684893	923076
6	2	14	388519	61	1001	0	533434	923076
7	1	6	487629	73	0	0	435374	923076
8	3	12	848146	51	1321	1671	71785	923076
9	1	5	379514	91	0	0	543471	923076
10	1	8	678439	52	0	0	244585	923076
11	2	7	575736	75	1064	0	346126	923076
12	1	16	531856	100	0	0	391120	923076
13	1	20	722975	72	0	0	200029	923076

[Type 5 #2 \[Back to Summary\]](#)

Burst Segment	Number of Pulses	Chirp Width MHz	t1 usec	Pulse Width (t2) usec	t3 usec	t4 usec	t5 usec	Total Segment Length usec
1	2	16	78829	57	1402	0	1010564	1090909
2	2	19	896338	61	1181	0	193268	1090909
3	3	10	742949	94	1668	1304	344706	1090909
4	1	10	539506	60	0	0	551343	1090909
5	1	9	25901	75	0	0	1064933	1090909
6	3	13	215618	50	1115	1449	872577	1090909
7	3	7	941671	84	1711	1477	145798	1090909
8	2	20	548547	96	1700	0	540470	1090909
9	2	10	814111	66	1094	0	275572	1090909
10	3	12	253718	66	1894	1038	834061	1090909
11	2	5	982742	64	1840	0	106199	1090909

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Title: Xirrus XR520H
To: FCC CFR 47 Part 15 Subpart E 15.407
Serial #: XIRR11-U3 DFS Rev A
Issue Date: 24th March 2015
Page: 94 of 128

Type 5 #3 [Back to Summary]

Burst Segment	Number of Pulses	Chirp Width MHz	t1 usec	Pulse Width (t2) usec	t3 usec	t4 usec	t5 usec	Total Segment Length usec
1	2	5	326358	53	1116	0	378302	705882
2	3	9	134491	97	1739	1606	567755	705882
3	2	10	475475	50	1216	0	229091	705882
4	3	8	57903	91	1904	1930	643872	705882
5	1	15	392442	60	0	0	313380	705882
6	1	5	599910	83	0	0	105889	705882
7	3	20	642467	82	1942	1333	59894	705882
8	3	20	560280	69	1332	1412	142651	705882
9	1	7	1870	58	0	0	703954	705882
10	3	5	153914	85	1949	1298	548466	705882
11	2	17	585604	100	1490	0	118588	705882
12	3	19	173843	72	1824	1282	528717	705882
13	3	13	7499	97	1475	1077	695540	705882
14	1	14	607197	100	0	0	98585	705882
15	3	7	40142	75	1074	1080	663361	705882
16	3	12	388087	84	1636	1101	314806	705882
17	2	20	594171	100	1147	0	110364	705882

Type 5 #4 [Back to Summary]

Burst Segment	Number of Pulses	Chirp Width MHz	t1 usec	Pulse Width (t2) usec	t3 usec	t4 usec	t5 usec	Total Segment Length usec
1	3	5	731214	98	1509	1129	599187	1333333
2	1	14	703197	61	0	0	630075	1333333
3	3	16	477017	84	1962	1695	852407	1333333
4	3	15	1007583	75	1416	1751	322358	1333333
5	3	10	447860	61	1646	1146	882498	1333333
6	2	13	222737	78	1930	0	1108510	1333333
7	1	15	1072641	55	0	0	260637	1333333
8	2	14	1145034	68	1955	0	186208	1333333
9	2	19	1225387	57	1780	0	106052	1333333

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Title: Xirrus XR520H
To: FCC CFR 47 Part 15 Subpart E 15.407
Serial #: XIRR11-U3 DFS Rev A
Issue Date: 24th March 2015
Page: 95 of 128

Type 5 #5 [Back to Summary]

Burst Segment	Number of Pulses	Chirp Width MHz	t1 usec	Pulse Width (t2) usec	t3 usec	t4 usec	t5 usec	Total Segment Length usec
1	3	8	568761	54	1459	1487	761464	1333333
2	1	7	1106928	55	0	0	226350	1333333
3	1	11	1043864	74	0	0	289395	1333333
4	3	5	661982	50	1868	1517	667816	1333333
5	3	13	103950	51	1443	1143	1226644	1333333
6	2	9	454038	95	1626	0	877479	1333333
7	2	5	529717	87	1479	0	801963	1333333
8	2	12	1179767	52	1740	0	151722	1333333
9	3	20	238910	74	1199	1880	1091122	1333333

Type 5 #6 [Back to Summary]

Burst Segment	Number of Pulses	Chirp Width MHz	t1 usec	Pulse Width (t2) usec	t3 usec	t4 usec	t5 usec	Total Segment Length usec
1	1	7	20774	73	0	0	1179153	1200000
2	1	9	983423	71	0	0	216506	1200000
3	2	10	1158081	88	1409	0	40334	1200000
4	2	13	683174	92	1489	0	515153	1200000
5	3	9	1155364	70	1334	1643	41449	1200000
6	2	14	666545	89	1850	0	531427	1200000
7	2	9	346942	62	1899	0	851035	1200000
8	3	12	362833	92	1324	1316	834251	1200000
9	3	18	41121	83	1622	1737	1155271	1200000
10	3	7	752774	72	1932	1485	443593	1200000

Type 5 #7 [Back to Summary]

Burst Segment	Number of Pulses	Chirp Width MHz	t1 usec	Pulse Width (t2) usec	t3 usec	t4 usec	t5 usec	Total Segment Length usec
1	3	17	788771	94	1813	1161	541306	1333333
2	2	12	1273451	91	1263	0	58437	1333333
3	2	13	903056	52	1677	0	428496	1333333
4	3	7	905897	52	1253	1455	424572	1333333
5	2	5	519350	74	1229	0	812606	1333333
6	1	15	832425	58	0	0	500850	1333333
7	1	7	153595	81	0	0	1179657	1333333
8	2	5	973083	99	1338	0	358714	1333333
9	3	9	152732	75	1396	1906	1177074	1333333

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Title: Xirrus XR520H
To: FCC CFR 47 Part 15 Subpart E 15.407
Serial #: XIRR11-U3 DFS Rev A
Issue Date: 24th March 2015
Page: 96 of 128

Type 5 #8 [Back to Summary]

Burst Segment	Number of Pulses	Chirp Width MHz	t1 usec	Pulse Width (t2) usec	t3 usec	t4 usec	t5 usec	Total Segment Length usec
1	2	17	660468	54	1168	0	88256	750000
2	1	15	76799	69	0	0	673132	750000
3	1	17	699358	66	0	0	50576	750000
4	1	15	569760	74	0	0	180166	750000
5	2	19	295357	93	1911	0	452546	750000
6	1	20	534014	86	0	0	215900	750000
7	2	20	185098	71	1407	0	563353	750000
8	2	13	678538	96	1866	0	69404	750000
9	2	16	178711	76	1776	0	569361	750000
10	2	8	169399	50	1649	0	578852	750000
11	2	10	384549	76	1849	0	363450	750000
12	3	8	628583	52	1775	1129	118357	750000
13	1	7	663387	59	0	0	86554	750000
14	3	16	660869	85	1977	1754	85145	750000
15	2	14	184353	67	1243	0	564270	750000
16	3	15	43041	54	1436	1382	703979	750000

Type 5 #9 [Back to Summary]

Burst Segment	Number of Pulses	Chirp Width MHz	t1 usec	Pulse Width (t2) usec	t3 usec	t4 usec	t5 usec	Total Segment Length usec
1	3	19	1337262	65	1073	1113	160357	1500000
2	2	15	1103062	76	1770	0	395016	1500000
3	1	10	858257	67	0	0	641676	1500000
4	3	17	1340864	64	1317	1220	156407	1500000
5	2	8	906074	50	1775	0	592051	1500000
6	1	20	851980	93	0	0	647927	1500000
7	2	17	646165	88	1999	0	851660	1500000
8	3	19	729063	99	1591	1803	767246	1500000

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Title: Xirrus XR520H
To: FCC CFR 47 Part 15 Subpart E 15.407
Serial #: XIRR11-U3 DFS Rev A
Issue Date: 24th March 2015
Page: 97 of 128

Type 5 #10 [Back to Summary]

Burst Segment	Number of Pulses	Chirp Width MHz	t1 usec	Pulse Width (t2) usec	t3 usec	t4 usec	t5 usec	Total Segment Length usec
1	1	14	610536	81	0	0	589383	1200000
2	3	10	798324	96	1194	1368	398826	1200000
3	1	7	497657	92	0	0	702251	1200000
4	1	9	610806	86	0	0	589108	1200000
5	2	14	517287	82	1115	0	681434	1200000
6	3	10	1092937	64	1896	1709	103266	1200000
7	2	13	796893	59	1734	0	401255	1200000
8	1	14	319317	70	0	0	880613	1200000
9	3	13	803821	67	1764	1199	393015	1200000
10	3	18	311195	98	1016	1574	885921	1200000

Type 5 #11 [Back to Summary]

Burst Segment	Number of Pulses	Chirp Width MHz	t1 usec	Pulse Width (t2) usec	t3 usec	t4 usec	t5 usec	Total Segment Length usec
1	1	18	532920	59	0	0	267021	800000
2	1	14	181651	59	0	0	618290	800000
3	2	14	769341	51	1281	0	29276	800000
4	2	6	220579	78	1499	0	577766	800000
5	3	5	73055	56	1806	1276	723695	800000
6	3	17	406466	96	1306	1335	390605	800000
7	3	15	269028	56	1823	1095	527886	800000
8	3	5	31090	100	1212	1977	765421	800000
9	1	19	386214	66	0	0	413720	800000
10	1	7	674805	59	0	0	125136	800000
11	2	15	439626	87	1131	0	359069	800000
12	1	17	692617	95	0	0	107288	800000
13	1	9	713827	71	0	0	86102	800000
14	1	12	501875	57	0	0	298068	800000
15	1	8	183028	70	0	0	616902	800000

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Title: Xirrus XR520H
To: FCC CFR 47 Part 15 Subpart E 15.407
Serial #: XIRR11-U3 DFS Rev A
Issue Date: 24th March 2015
Page: 98 of 128

Type 5 #12 [Back to Summary]

Burst Segment	Number of Pulses	Chirp Width MHz	t1 usec	Pulse Width (t2) usec	t3 usec	t4 usec	t5 usec	Total Segment Length usec
1	1	7	850973	84	0	0	6085	857142
2	2	7	581804	98	1317	0	273825	857142
3	2	12	118454	58	1175	0	737397	857142
4	2	9	373599	76	1819	0	481572	857142
5	1	19	673451	56	0	0	183635	857142
6	3	6	730829	57	1179	1441	123522	857142
7	1	19	526885	90	0	0	330167	857142
8	3	5	526568	76	1981	1558	326807	857142
9	3	13	112418	80	1490	1850	741144	857142
10	2	5	90138	94	1027	0	765789	857142
11	3	17	292304	79	1121	1367	562113	857142
12	3	18	622214	74	1561	1773	231372	857142
13	2	17	749951	79	1253	0	105780	857142
14	2	12	611457	81	1542	0	243981	857142

Type 5 #13 [Back to Summary]

Burst Segment	Number of Pulses	Chirp Width MHz	t1 usec	Pulse Width (t2) usec	t3 usec	t4 usec	t5 usec	Total Segment Length usec
1	2	14	1122215	76	1392	0	76241	1200000
2	2	8	496503	88	1172	0	702149	1200000
3	3	8	559763	61	1145	1493	637416	1200000
4	1	13	853524	55	0	0	346421	1200000
5	1	18	103506	58	0	0	1096436	1200000
6	3	19	460341	53	1525	1532	736443	1200000
7	2	7	343812	78	1372	0	854660	1200000
8	2	20	1126271	89	1957	0	71594	1200000
9	1	14	377647	67	0	0	822286	1200000
10	3	14	1044898	68	1107	1383	152408	1200000

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Title: Xirrus XR520H
To: FCC CFR 47 Part 15 Subpart E 15.407
Serial #: XIRR11-U3 DFS Rev A
Issue Date: 24th March 2015
Page: 99 of 128

Type 5 #14 [Back to Summary]

Burst Segment	Number of Pulses	Chirp Width MHz	t1 usec	Pulse Width (t2) usec	t3 usec	t4 usec	t5 usec	Total Segment Length usec
1	2	5	288555	52	1146	0	633271	923076
2	2	12	608961	75	1876	0	312089	923076
3	1	17	770826	85	0	0	152165	923076
4	1	18	792404	53	0	0	130619	923076
5	3	8	561755	84	1156	1560	358353	923076
6	3	13	448680	79	1374	1549	471236	923076
7	3	15	480017	57	1937	1243	439708	923076
8	1	20	893112	61	0	0	29903	923076
9	1	6	257585	73	0	0	665418	923076
10	3	18	260407	82	1480	1525	659418	923076
11	3	12	165839	62	1187	1224	754640	923076
12	2	11	82756	70	1739	0	838441	923076
13	1	11	821781	97	0	0	101198	923076

Type 5 #15 [Back to Summary]

Burst Segment	Number of Pulses	Chirp Width MHz	t1 usec	Pulse Width (t2) usec	t3 usec	t4 usec	t5 usec	Total Segment Length usec
1	1	14	886236	93	0	0	447004	1333333
2	3	19	1010367	81	1916	1401	319406	1333333
3	1	16	107348	64	0	0	1225921	1333333
4	3	18	693703	53	1265	1757	636449	1333333
5	2	16	53819	74	1062	0	1278304	1333333
6	3	8	700674	90	1878	1160	629351	1333333
7	3	17	1179904	69	1606	1962	149654	1333333
8	3	6	1046363	68	1365	1585	283816	1333333
9	2	8	458156	55	1663	0	873404	1333333

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Title: Xirrus XR520H
To: FCC CFR 47 Part 15 Subpart E 15.407
Serial #: XIRR11-U3 DFS Rev A
Issue Date: 24th March 2015
Page: 100 of 128

Type 5 #16 [Back to Summary]

Burst Segment	Number of Pulses	Chirp Width MHz	t1 usec	Pulse Width (t2) usec	t3 usec	t4 usec	t5 usec	Total Segment Length usec
1	1	15	378547	64	0	0	221389	600000
2	2	14	316910	72	1138	0	281808	600000
3	2	18	22476	58	1649	0	575759	600000
4	1	11	535301	61	0	0	64638	600000
5	3	17	540812	74	1186	1989	55791	600000
6	2	5	148352	58	1685	0	449847	600000
7	3	6	514291	92	1458	1258	82717	600000
8	3	6	25931	93	1019	1365	571406	600000
9	3	8	427345	68	1192	1302	169957	600000
10	2	8	184390	77	1724	0	413732	600000
11	3	7	456449	94	1831	1287	140151	600000
12	3	11	340749	60	1878	1891	255302	600000
13	3	10	212851	53	1390	1176	384424	600000
14	2	18	257824	66	1564	0	340480	600000
15	3	17	263383	92	1714	1338	333289	600000
16	2	5	318232	57	1234	0	280420	600000
17	2	6	357946	80	1031	0	240863	600000
18	1	17	591060	53	0	0	8887	600000
19	1	17	271064	97	0	0	328839	600000
20	1	10	222531	98	0	0	377371	600000

Type 5 #17 [Back to Summary]

Burst Segment	Number of Pulses	Chirp Width MHz	t1 usec	Pulse Width (t2) usec	t3 usec	t4 usec	t5 usec	Total Segment Length usec
1	3	11	240506	70	1169	1439	956676	1200000
2	1	5	782105	77	0	0	417818	1200000
3	3	16	302573	94	1875	1338	893932	1200000
4	3	9	344192	89	1145	1759	852637	1200000
5	1	14	318115	53	0	0	881832	1200000
6	1	9	712770	52	0	0	487178	1200000
7	2	7	195222	55	1951	0	1002717	1200000
8	3	8	34583	54	1149	1881	1162225	1200000
9	1	11	44856	51	0	0	1155093	1200000
10	1	5	538394	71	0	0	661535	1200000

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Title: Xirrus XR520H
To: FCC CFR 47 Part 15 Subpart E 15.407
Serial #: XIRR11-U3 DFS Rev A
Issue Date: 24th March 2015
Page: 101 of 128

Type 5 #18 [Back to Summary]

Burst Segment	Number of Pulses	Chirp Width MHz	t1 usec	Pulse Width (t2) usec	t3 usec	t4 usec	t5 usec	Total Segment Length usec
1	2	5	516127	59	1226	0	682529	1200000
2	2	10	208155	58	1590	0	990139	1200000
3	1	8	548368	99	0	0	651533	1200000
4	1	16	944999	83	0	0	254918	1200000
5	3	7	513141	75	1520	1618	683496	1200000
6	1	8	991370	85	0	0	208545	1200000
7	1	18	1182596	73	0	0	17331	1200000
8	2	7	121000	55	1212	0	1077678	1200000
9	3	14	719566	76	1671	1724	476811	1200000
10	3	6	191839	86	1828	1582	1004493	1200000

Type 5 #19 [Back to Summary]

Burst Segment	Number of Pulses	Chirp Width MHz	t1 usec	Pulse Width (t2) usec	t3 usec	t4 usec	t5 usec	Total Segment Length usec
1	2	10	41675	82	1940	0	956221	1000000
2	3	14	316643	78	1110	1735	680278	1000000
3	1	7	336423	67	0	0	663510	1000000
4	1	7	271613	68	0	0	728319	1000000
5	1	18	267698	78	0	0	732224	1000000
6	1	11	918308	92	0	0	81600	1000000
7	2	5	664939	85	1868	0	333023	1000000
8	2	6	637521	82	1197	0	361118	1000000
9	2	9	513252	53	1651	0	484991	1000000
10	3	9	473052	90	1339	1380	523959	1000000
11	2	16	309934	78	1695	0	688215	1000000
12	1	14	372538	92	0	0	627370	1000000

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Title: Xirrus XR520H
To: FCC CFR 47 Part 15 Subpart E 15.407
Serial #: XIRR11-U3 DFS Rev A
Issue Date: 24th March 2015
Page: 102 of 128

Type 5 #20 [Back to Summary]

Burst Segment	Number of Pulses	Chirp Width MHz	t1 usec	Pulse Width (t2) usec	t3 usec	t4 usec	t5 usec	Total Segment Length usec
1	1	20	1003174	81	0	0	87654	1090909
2	3	18	761955	53	1651	1666	325478	1090909
3	1	13	780234	57	0	0	310618	1090909
4	1	11	42421	99	0	0	1048389	1090909
5	1	18	543750	74	0	0	547085	1090909
6	1	5	167312	72	0	0	923525	1090909
7	2	10	885913	58	1554	0	203326	1090909
8	2	11	490804	92	1550	0	598371	1090909
9	1	15	808555	87	0	0	282267	1090909
10	3	15	543570	82	1679	1425	543989	1090909
11	1	14	365947	100	0	0	724862	1090909

Type 5 #21 [Back to Summary]

Burst Segment	Number of Pulses	Chirp Width MHz	t1 usec	Pulse Width (t2) usec	t3 usec	t4 usec	t5 usec	Total Segment Length usec
1	3	19	390448	78	1398	1604	312198	705882
2	2	16	488219	96	1714	0	215757	705882
3	1	19	382639	55	0	0	323188	705882
4	1	7	440162	56	0	0	265664	705882
5	2	11	397731	84	1272	0	306711	705882
6	1	10	13628	92	0	0	692162	705882
7	2	10	14301	56	1553	0	689916	705882
8	3	20	665045	51	1935	1007	37742	705882
9	3	18	157789	90	1905	1027	544891	705882
10	1	17	622873	78	0	0	82931	705882
11	1	18	703320	95	0	0	2467	705882
12	3	11	134232	52	1284	1325	568885	705882
13	3	13	246776	59	1414	1594	455921	705882
14	1	9	610878	64	0	0	94940	705882
15	2	6	513370	69	1218	0	191156	705882
16	3	13	614851	93	1245	1340	88167	705882
17	1	7	224631	79	0	0	481172	705882

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Title: Xirrus XR520H
To: FCC CFR 47 Part 15 Subpart E 15.407
Serial #: XIRR11-U3 DFS Rev A
Issue Date: 24th March 2015
Page: 103 of 128

Type 5 #22 [Back to Summary]

Burst Segment	Number of Pulses	Chirp Width MHz	t1 usec	Pulse Width (t2) usec	t3 usec	t4 usec	t5 usec	Total Segment Length usec
1	2	10	693185	78	1791	0	395777	1090909
2	3	18	318302	81	1167	1713	769484	1090909
3	2	15	62331	65	1084	0	1027364	1090909
4	1	9	877211	97	0	0	213601	1090909
5	3	9	961340	80	1838	1195	126296	1090909
6	1	10	560309	100	0	0	530500	1090909
7	2	6	880296	68	1350	0	209127	1090909
8	2	12	1005134	98	1229	0	84350	1090909
9	3	5	492707	65	1015	1556	595436	1090909
10	1	9	891630	79	0	0	199200	1090909
11	3	18	1024527	83	1514	1472	63147	1090909

Type 5 #23 [Back to Summary]

Burst Segment	Number of Pulses	Chirp Width MHz	t1 usec	Pulse Width (t2) usec	t3 usec	t4 usec	t5 usec	Total Segment Length usec
1	2	17	679570	80	1629	0	409550	1090909
2	2	6	331583	83	1923	0	757237	1090909
3	3	13	758553	94	1115	1804	329155	1090909
4	2	12	274877	51	1550	0	814380	1090909
5	1	16	512207	87	0	0	578615	1090909
6	3	13	632198	75	1944	1526	455016	1090909
7	3	9	517833	94	1446	1888	569460	1090909
8	1	17	432978	57	0	0	657874	1090909
9	3	7	820813	82	1229	1702	266919	1090909
10	3	20	3961	58	1475	1481	1083818	1090909
11	2	8	64378	51	1854	0	1024575	1090909

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Title: Xirrus XR520H
To: FCC CFR 47 Part 15 Subpart E 15.407
Serial #: XIRR11-U3 DFS Rev A
Issue Date: 24th March 2015
Page: 104 of 128

Type 5 #24 [Back to Summary]

Burst Segment	Number of Pulses	Chirp Width MHz	t1 usec	Pulse Width (t2) usec	t3 usec	t4 usec	t5 usec	Total Segment Length usec
1	3	6	865697	50	1169	1397	331587	1200000
2	1	8	803946	50	0	0	396004	1200000
3	3	6	183417	61	1886	1665	1012849	1200000
4	2	14	920507	83	1464	0	277863	1200000
5	3	10	119944	90	1986	1050	1076750	1200000
6	3	9	499531	74	1231	1034	697982	1200000
7	1	17	333807	62	0	0	866131	1200000
8	3	11	655774	62	1148	1700	541192	1200000
9	1	16	479035	63	0	0	720902	1200000
10	2	8	680208	67	1686	0	517972	1200000

Type 5 #25 [Back to Summary]

Burst Segment	Number of Pulses	Chirp Width MHz	t1 usec	Pulse Width (t2) usec	t3 usec	t4 usec	t5 usec	Total Segment Length usec
1	2	19	826302	69	1204	0	263265	1090909
2	1	14	225211	67	0	0	865631	1090909
3	2	12	875407	98	1882	0	213424	1090909
4	3	18	445248	82	1876	1618	641921	1090909
5	1	6	465905	66	0	0	624938	1090909
6	3	8	583610	55	1651	1504	503979	1090909
7	1	15	845198	79	0	0	245632	1090909
8	3	10	595634	87	1597	1520	491897	1090909
9	3	20	644750	90	1172	1599	443118	1090909
10	2	12	517407	97	1964	0	571344	1090909
11	2	7	304676	53	1090	0	785037	1090909

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Title: Xirrus XR520H
To: FCC CFR 47 Part 15 Subpart E 15.407
Serial #: XIRR11-U3 DFS Rev A
Issue Date: 24th March 2015
Page: 105 of 128

Type 5 #26 [Back to Summary]

Burst Segment	Number of Pulses	Chirp Width MHz	t1 usec	Pulse Width (t2) usec	t3 usec	t4 usec	t5 usec	Total Segment Length usec
1	2	15	693495	72	1937	0	304424	1000000
2	1	9	377617	84	0	0	622299	1000000
3	3	20	265313	55	1199	1299	732024	1000000
4	2	13	373564	53	1366	0	624964	1000000
5	3	7	193244	92	1724	1315	803441	1000000
6	2	18	504185	53	1504	0	494205	1000000
7	3	11	859888	77	1842	1158	136881	1000000
8	2	15	879851	60	1272	0	118757	1000000
9	1	9	951055	91	0	0	48854	1000000
10	1	8	7912	83	0	0	992005	1000000
11	3	16	661597	82	1906	1427	334824	1000000
12	1	14	501006	97	0	0	498897	1000000

Type 5 #27 [Back to Summary]

Burst Segment	Number of Pulses	Chirp Width MHz	t1 usec	Pulse Width (t2) usec	t3 usec	t4 usec	t5 usec	Total Segment Length usec
1	2	18	337468	71	1271	0	461119	800000
2	2	12	393490	89	1107	0	405225	800000
3	2	15	11951	66	1102	0	786815	800000
4	2	12	747096	68	1363	0	51405	800000
5	3	18	764600	93	1506	1865	31750	800000
6	2	7	741525	100	1893	0	56382	800000
7	3	6	276485	85	1663	1463	520134	800000
8	2	13	165254	93	1479	0	633081	800000
9	1	13	254481	76	0	0	545443	800000
10	1	11	45397	90	0	0	754513	800000
11	3	9	602401	74	1565	1701	194111	800000
12	2	11	641271	68	1462	0	157131	800000
13	3	8	499155	64	1563	1469	297621	800000
14	2	13	647084	72	1260	0	151512	800000
15	2	12	599015	93	1670	0	199129	800000

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Title: Xirrus XR520H
To: FCC CFR 47 Part 15 Subpart E 15.407
Serial #: XIRR11-U3 DFS Rev A
Issue Date: 24th March 2015
Page: 106 of 128

Type 5 #28 [Back to Summary]

Burst Segment	Number of Pulses	Chirp Width MHz	t1 usec	Pulse Width (t2) usec	t3 usec	t4 usec	t5 usec	Total Segment Length usec
1	3	19	120117	77	1834	1581	876237	1000000
2	3	16	904504	72	1130	1406	92744	1000000
3	3	7	690495	99	1385	1708	306115	1000000
4	3	20	464450	95	1068	1692	532505	1000000
5	2	17	873813	93	1100	0	124901	1000000
6	2	5	203837	55	1005	0	795048	1000000
7	2	13	204659	93	1970	0	793185	1000000
8	1	6	737595	61	0	0	262344	1000000
9	2	13	280211	58	1644	0	718029	1000000
10	3	7	860964	61	1764	1743	135346	1000000
11	2	18	468766	95	1453	0	529591	1000000
12	3	19	20989	66	1574	1326	975913	1000000

Type 5 #29 [Back to Summary]

Burst Segment	Number of Pulses	Chirp Width MHz	t1 usec	Pulse Width (t2) usec	t3 usec	t4 usec	t5 usec	Total Segment Length usec
1	3	14	735940	85	1281	1842	260682	1000000
2	2	15	330072	89	1838	0	667912	1000000
3	1	18	215930	65	0	0	784005	1000000
4	2	15	344646	71	1261	0	653951	1000000
5	1	17	498908	57	0	0	501035	1000000
6	1	13	483455	54	0	0	516491	1000000
7	3	13	793503	67	1411	1475	203410	1000000
8	2	16	377505	97	1390	0	620911	1000000
9	2	20	559082	64	1211	0	439579	1000000
10	2	7	504765	83	1638	0	493431	1000000
11	3	19	85224	73	1065	1676	911816	1000000
12	3	6	237607	95	1277	1750	759081	1000000

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Title: Xirrus XR520H
To: FCC CFR 47 Part 15 Subpart E 15.407
Serial #: XIRR11-U3 DFS Rev A
Issue Date: 24th March 2015
Page: 107 of 128

Type 5 #30 [Back to Summary]

Burst Segment	Number of Pulses	Chirp Width MHz	t1 usec	Pulse Width (t2) usec	t3 usec	t4 usec	t5 usec	Total Segment Length usec
1	3	9	747688	65	1920	1720	748477	1500000
2	1	18	59604	64	0	0	1440332	1500000
3	1	6	469586	93	0	0	1030321	1500000
4	3	19	1290809	62	1343	1935	205727	1500000
5	3	19	1196873	51	1621	1346	300007	1500000
6	3	5	940180	94	1619	1112	556807	1500000
7	1	5	1363961	63	0	0	135976	1500000
8	1	20	985629	83	0	0	514288	1500000

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Title: Xirrus XR520H
To: FCC CFR 47 Part 15 Subpart E 15.407
Serial #: XIRR11-U3 DFS Rev A
Issue Date: 24th March 2015
Page: 108 of 128

10.2. Type 6 - Injected Radar Signatures

802.11a Injected Type 6 Radar Injections

Type 6 #1 [Back to Summary]									
This table contains a list of 100 hop frequencies, randomly selected from 5250-5724MHz in 1MHz steps									
#01-5457	#02-5358	#03-5721	#04-5446	#05-5554	#06-5349	#07-5538	#08-5616	#09-5643	#10-5559
#11-5322	#12-5693	#13-5637	#14-5428	#15-5262	#16-5679	#17-5441	#18-5571	#19-5522	#20-5687
#21-5624	#22-5406	#23-5362	#24-5343	#25-5690	#26-5558	#27-5576	#28-5628	#29-5377	#30-5260
#31-5717	#32-5382	#33-5381	#34-5452	#35-5605	#36-5266	#37-5480	#38-5715	#39-5314	#40-5341
#41-5695	#42-5270	#43-5434	#44-5471	#45-5335	#46-5635	#47-5626	#48-5366	#49-5316	#50-5490
#51-5527	#52-5286	#53-5259	#54-5662	#55-5300	#56-5720	#57-5498	#58-5634	#59-5489	#60-5633
#61-5566	#62-5664	#63-5501	#64-5505	#65-5701	#66-5685	#67-5581	#68-5595	#69-5654	#70-5386
#71-5652	#72-5596	#73-5647	#74-5675	#75-5512	#76-5310	#77-5494	#78-5439	#79-5346	#80-5431
#81-5444	#82-5401	#83-5609	#84-5363	#85-5250	#86-5718	#87-5541	#88-5432	#89-5456	#90-5361
#91-5592	#92-5532	#93-5380	#94-5649	#95-5709	#96-5379	#97-5529	#98-5671	#99-5553	#100-5389

Type 6 #2 [Back to Summary]									
This table contains a list of 100 hop frequencies, randomly selected from 5250-5724MHz in 1MHz steps									
#01-5257	#02-5638	#03-5318	#04-5281	#05-5600	#06-5324	#07-5547	#08-5372	#09-5428	#10-5389
#11-5376	#12-5567	#13-5320	#14-5310	#15-5549	#16-5496	#17-5548	#18-5685	#19-5587	#20-5641
#21-5413	#22-5447	#23-5275	#24-5314	#25-5296	#26-5516	#27-5527	#28-5656	#29-5689	#30-5493
#31-5518	#32-5292	#33-5436	#34-5488	#35-5541	#36-5332	#37-5374	#38-5644	#39-5718	#40-5309
#41-5277	#42-5697	#43-5465	#44-5319	#45-5350	#46-5463	#47-5555	#48-5569	#49-5333	#50-5636
#51-5701	#52-5534	#53-5613	#54-5692	#55-5553	#56-5532	#57-5522	#58-5424	#59-5608	#60-5299
#61-5599	#62-5311	#63-5679	#64-5466	#65-5561	#66-5668	#67-5648	#68-5353	#69-5420	#70-5303
#71-5349	#72-5533	#73-5649	#74-5351	#75-5370	#76-5410	#77-5606	#78-5316	#79-5626	#80-5364
#81-5545	#82-5362	#83-5446	#84-5505	#85-5582	#86-5639	#87-5460	#88-5445	#89-5289	#90-5508
#91-5338	#92-5258	#93-5713	#94-5597	#95-5560	#96-5592	#97-5269	#98-5334	#99-5395	#100-5304

Type 6 #3 [Back to Summary]									
This table contains a list of 100 hop frequencies, randomly selected from 5250-5724MHz in 1MHz steps									
#01-5447	#02-5418	#03-5686	#04-5697	#05-5436	#06-5395	#07-5352	#08-5265	#09-5556	#10-5452
#11-5613	#12-5639	#13-5505	#14-5711	#15-5434	#16-5323	#17-5252	#18-5610	#19-5530	#20-5262
#21-5362	#22-5270	#23-5617	#24-5443	#25-5511	#26-5289	#27-5371	#28-5496	#29-5526	#30-5277
#31-5573	#32-5684	#33-5360	#34-5468	#35-5385	#36-5470	#37-5498	#38-5472	#39-5578	#40-5717
#41-5558	#42-5709	#43-5450	#44-5304	#45-5426	#46-5408	#47-5671	#48-5332	#49-5712	#50-5699
#51-5383	#52-5666	#53-5492	#54-5435	#55-5397	#56-5274	#57-5580	#58-5464	#59-5528	#60-5603
#61-5653	#62-5529	#63-5286	#64-5576	#65-5688	#66-5549	#67-5504	#68-5281	#69-5417	#70-5275
#71-5369	#72-5437	#73-5356	#74-5459	#75-5310	#76-5669	#77-5338	#78-5586	#79-5701	#80-5683
#81-5256	#82-5430	#83-5381	#84-5503	#85-5279	#86-5633	#87-5306	#88-5646	#89-5267	#90-5574
#91-5444	#92-5553	#93-5680	#94-5531	#95-5358	#96-5547	#97-5714	#98-5420	#99-5283	#100-5375

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Title: Xirrus XR520H
To: FCC CFR 47 Part 15 Subpart E 15.407
Serial #: XIRR11-U3 DFS Rev A
Issue Date: 24th March 2015
Page: 109 of 128

Type 6 #4 [Back to Summary]

This table contains a list of 100 hop frequencies, randomly selected from 5250-5724MHz in 1MHz steps

#01-5413	#02-5329	#03-5491	#04-5609	#05-5584	#06-5267	#07-5668	#08-5552	#09-5485	#10-5618
#11-5268	#12-5543	#13-5467	#14-5576	#15-5619	#16-5590	#17-5407	#18-5447	#19-5403	#20-5389
#21-5691	#22-5345	#23-5458	#24-5366	#25-5630	#26-5428	#27-5593	#28-5703	#29-5694	#30-5499
#31-5697	#32-5636	#33-5259	#34-5614	#35-5420	#36-5615	#37-5362	#38-5344	#39-5507	#40-5681
#41-5425	#42-5335	#43-5354	#44-5452	#45-5464	#46-5682	#47-5556	#48-5605	#49-5711	#50-5709
#51-5597	#52-5400	#53-5490	#54-5684	#55-5506	#56-5649	#57-5494	#58-5571	#59-5559	#60-5320
#61-5254	#62-5695	#63-5712	#64-5557	#65-5290	#66-5294	#67-5433	#68-5443	#69-5631	#70-5281
#71-5526	#72-5700	#73-5379	#74-5271	#75-5387	#76-5527	#77-5342	#78-5650	#79-5544	#80-5275
#81-5469	#82-5677	#83-5503	#84-5596	#85-5384	#86-5250	#87-5282	#88-5656	#89-5706	#90-5519
#91-5382	#92-5459	#93-5568	#94-5564	#95-5666	#96-5263	#97-5569	#98-5493	#99-5436	#100-5560

Type 6 #5 [Back to Summary]

This table contains a list of 100 hop frequencies, randomly selected from 5250-5724MHz in 1MHz steps

#01-5514	#02-5555	#03-5485	#04-5511	#05-5691	#06-5478	#07-5630	#08-5264	#09-5295	#10-5712
#11-5476	#12-5285	#13-5303	#14-5418	#15-5635	#16-5432	#17-5357	#18-5512	#19-5650	#20-5502
#21-5256	#22-5568	#23-5644	#24-5284	#25-5544	#26-5387	#27-5709	#28-5531	#29-5430	#30-5588
#31-5700	#32-5490	#33-5668	#34-5332	#35-5554	#36-5495	#37-5689	#38-5477	#39-5597	#40-5505
#41-5336	#42-5472	#43-5533	#44-5395	#45-5280	#46-5462	#47-5615	#48-5658	#49-5553	#50-5671
#51-5636	#52-5451	#53-5692	#54-5701	#55-5646	#56-5457	#57-5590	#58-5373	#59-5500	#60-5519
#61-5360	#62-5331	#63-5667	#64-5586	#65-5547	#66-5423	#67-5629	#68-5481	#69-5422	#70-5524
#71-5260	#72-5301	#73-5678	#74-5697	#75-5381	#76-5556	#77-5364	#78-5385	#79-5642	#80-5289
#81-5528	#82-5386	#83-5501	#84-5676	#85-5297	#86-5471	#87-5348	#88-5263	#89-5308	#90-5674
#91-5613	#92-5601	#93-5317	#94-5279	#95-5327	#96-5439	#97-5464	#98-5651	#99-5681	#100-5593

Type 6 #6 [Back to Summary]

This table contains a list of 100 hop frequencies, randomly selected from 5250-5724MHz in 1MHz steps

#01-5692	#02-5481	#03-5622	#04-5401	#05-5368	#06-5687	#07-5721	#08-5675	#09-5413	#10-5628
#11-5308	#12-5411	#13-5646	#14-5678	#15-5429	#16-5259	#17-5323	#18-5539	#19-5722	#20-5325
#21-5298	#22-5254	#23-5337	#24-5341	#25-5629	#26-5711	#27-5527	#28-5287	#29-5671	#30-5428
#31-5362	#32-5571	#33-5608	#34-5632	#35-5708	#36-5540	#37-5573	#38-5672	#39-5590	#40-5300
#41-5704	#42-5358	#43-5511	#44-5710	#45-5542	#46-5631	#47-5473	#48-5390	#49-5683	#50-5426
#51-5545	#52-5688	#53-5394	#54-5531	#55-5496	#56-5382	#57-5409	#58-5684	#59-5709	#60-5515
#61-5461	#62-5264	#63-5694	#64-5614	#65-5376	#66-5674	#67-5346	#68-5665	#69-5468	#70-5352
#71-5523	#72-5723	#73-5488	#74-5452	#75-5389	#76-5491	#77-5288	#78-5250	#79-5612	#80-5432
#81-5336	#82-5270	#83-5396	#84-5292	#85-5425	#86-5458	#87-5616	#88-5353	#89-5526	#90-5444
#91-5330	#92-5355	#93-5258	#94-5268	#95-5412	#96-5262	#97-5605	#98-5470	#99-5291	#100-5498

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Title: Xirrus XR520H
To: FCC CFR 47 Part 15 Subpart E 15.407
Serial #: XIRR11-U3 DFS Rev A
Issue Date: 24th March 2015
Page: 110 of 128

Type 6 #7 [Back to Summary]

This table contains a list of 100 hop frequencies, randomly selected from 5250-5724MHz in 1MHz steps

#01-5618	#02-5682	#03-5544	#04-5487	#05-5671	#06-5515	#07-5574	#08-5345	#09-5652	#10-5674
#11-5468	#12-5368	#13-5675	#14-5466	#15-5305	#16-5326	#17-5561	#18-5666	#19-5633	#20-5442
#21-5620	#22-5279	#23-5346	#24-5381	#25-5473	#26-5273	#27-5562	#28-5600	#29-5352	#30-5456
#31-5524	#32-5355	#33-5283	#34-5564	#35-5658	#36-5450	#37-5590	#38-5580	#39-5653	#40-5481
#41-5257	#42-5530	#43-5405	#44-5514	#45-5624	#46-5314	#47-5681	#48-5253	#49-5293	#50-5528
#51-5382	#52-5540	#53-5602	#54-5589	#55-5585	#56-5412	#57-5264	#58-5647	#59-5678	#60-5698
#61-5717	#62-5446	#63-5400	#64-5363	#65-5334	#66-5627	#67-5372	#68-5695	#69-5336	#70-5704
#71-5685	#72-5612	#73-5474	#74-5665	#75-5591	#76-5573	#77-5684	#78-5615	#79-5643	#80-5348
#81-5720	#82-5697	#83-5467	#84-5299	#85-5699	#86-5323	#87-5288	#88-5576	#89-5657	#90-5700
#91-5507	#92-5255	#93-5401	#94-5290	#95-5294	#96-5559	#97-5378	#98-5322	#99-5403	#100-5715

Type 6 #8 [Back to Summary]

This table contains a list of 100 hop frequencies, randomly selected from 5250-5724MHz in 1MHz steps

#01-5365	#02-5644	#03-5545	#04-5416	#05-5687	#06-5312	#07-5304	#08-5619	#09-5283	#10-5404
#11-5390	#12-5591	#13-5698	#14-5652	#15-5299	#16-5561	#17-5369	#18-5403	#19-5253	#20-5427
#21-5597	#22-5389	#23-5660	#24-5440	#25-5643	#26-5571	#27-5334	#28-5694	#29-5339	#30-5528
#31-5544	#32-5612	#33-5309	#34-5584	#35-5467	#36-5409	#37-5695	#38-5638	#39-5452	#40-5370
#41-5300	#42-5576	#43-5260	#44-5673	#45-5317	#46-5367	#47-5510	#48-5541	#49-5678	#50-5289
#51-5399	#52-5402	#53-5700	#54-5709	#55-5355	#56-5383	#57-5293	#58-5466	#59-5649	#60-5669
#61-5600	#62-5704	#63-5639	#64-5620	#65-5344	#66-5684	#67-5433	#68-5340	#69-5477	#70-5333
#71-5429	#72-5335	#73-5453	#74-5549	#75-5386	#76-5489	#77-5395	#78-5460	#79-5666	#80-5609
#81-5418	#82-5362	#83-5276	#84-5651	#85-5421	#86-5482	#87-5445	#88-5356	#89-5414	#90-5693
#91-5614	#92-5447	#93-5718	#94-5580	#95-5308	#96-5610	#97-5626	#98-5650	#99-5298	#100-5442

Type 6 #9 [Back to Summary]

This table contains a list of 100 hop frequencies, randomly selected from 5250-5724MHz in 1MHz steps

#01-5262	#02-5396	#03-5496	#04-5532	#05-5361	#06-5426	#07-5493	#08-5697	#09-5433	#10-5452
#11-5707	#12-5658	#13-5507	#14-5644	#15-5467	#16-5281	#17-5708	#18-5358	#19-5265	#20-5366
#21-5424	#22-5404	#23-5659	#24-5680	#25-5392	#26-5633	#27-5336	#28-5283	#29-5301	#30-5723
#31-5517	#32-5436	#33-5703	#34-5458	#35-5408	#36-5673	#37-5548	#38-5588	#39-5712	#40-5450
#41-5429	#42-5591	#43-5411	#44-5465	#45-5310	#46-5323	#47-5389	#48-5684	#49-5582	#50-5627
#51-5518	#52-5635	#53-5656	#54-5268	#55-5583	#56-5461	#57-5541	#58-5453	#59-5339	#60-5460
#61-5646	#62-5434	#63-5660	#64-5520	#65-5679	#66-5298	#67-5485	#68-5381	#69-5333	#70-5409
#71-5494	#72-5277	#73-5640	#74-5719	#75-5537	#76-5498	#77-5464	#78-5332	#79-5559	#80-5672
#81-5443	#82-5345	#83-5724	#84-5525	#85-5296	#86-5440	#87-5550	#88-5600	#89-5385	#90-5622
#91-5714	#92-5508	#93-5407	#94-5476	#95-5669	#96-5356	#97-5275	#98-5628	#99-5553	#100-5499

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Title: Xirrus XR520H
To: FCC CFR 47 Part 15 Subpart E 15.407
Serial #: XIRR11-U3 DFS Rev A
Issue Date: 24th March 2015
Page: 111 of 128

Type 6 #10 [Back to Summary]

This table contains a list of 100 hop frequencies, randomly selected from 5250-5724MHz in 1MHz steps

#01-5468	#02-5273	#03-5608	#04-5265	#05-5296	#06-5687	#07-5327	#08-5307	#09-5618	#10-5392
#11-5386	#12-5452	#13-5338	#14-5661	#15-5719	#16-5632	#17-5582	#18-5660	#19-5505	#20-5676
#21-5250	#22-5359	#23-5379	#24-5650	#25-5461	#26-5271	#27-5519	#28-5701	#29-5534	#30-5293
#31-5495	#32-5669	#33-5602	#34-5700	#35-5642	#36-5280	#37-5417	#38-5503	#39-5637	#40-5304
#41-5350	#42-5491	#43-5480	#44-5578	#45-5305	#46-5318	#47-5539	#48-5675	#49-5448	#50-5693
#51-5297	#52-5548	#53-5467	#54-5639	#55-5478	#56-5339	#57-5537	#58-5641	#59-5666	#60-5533
#61-5331	#62-5334	#63-5348	#64-5615	#65-5508	#66-5460	#67-5685	#68-5601	#69-5415	#70-5406
#71-5593	#72-5622	#73-5624	#74-5592	#75-5322	#76-5405	#77-5310	#78-5456	#79-5569	#80-5502
#81-5366	#82-5324	#83-5447	#84-5371	#85-5385	#86-5311	#87-5414	#88-5605	#89-5587	#90-5696
#91-5496	#92-5269	#93-5381	#94-5522	#95-5583	#96-5579	#97-5597	#98-5571	#99-5252	#100-5429

Type 6 #11 [Back to Summary]

This table contains a list of 100 hop frequencies, randomly selected from 5250-5724MHz in 1MHz steps

#01-5650	#02-5567	#03-5296	#04-5578	#05-5267	#06-5381	#07-5580	#08-5459	#09-5688	#10-5554
#11-5693	#12-5273	#13-5417	#14-5387	#15-5325	#16-5624	#17-5637	#18-5660	#19-5535	#20-5543
#21-5621	#22-5376	#23-5605	#24-5436	#25-5492	#26-5359	#27-5608	#28-5452	#29-5602	#30-5696
#31-5656	#32-5364	#33-5512	#34-5268	#35-5445	#36-5542	#37-5264	#38-5560	#39-5648	#40-5473
#41-5256	#42-5487	#43-5532	#44-5440	#45-5438	#46-5358	#47-5520	#48-5385	#49-5507	#50-5679
#51-5685	#52-5635	#53-5442	#54-5718	#55-5524	#56-5687	#57-5585	#58-5336	#59-5633	#60-5498
#61-5377	#62-5581	#63-5717	#64-5623	#65-5486	#66-5399	#67-5666	#68-5508	#69-5609	#70-5326
#71-5262	#72-5311	#73-5536	#74-5384	#75-5568	#76-5415	#77-5722	#78-5564	#79-5670	#80-5261
#81-5270	#82-5647	#83-5518	#84-5460	#85-5645	#86-5404	#87-5474	#88-5265	#89-5700	#90-5603
#91-5630	#92-5540	#93-5584	#94-5597	#95-5370	#96-5443	#97-5724	#98-5319	#99-5380	#100-5432

Type 6 #12 [Back to Summary]

This table contains a list of 100 hop frequencies, randomly selected from 5250-5724MHz in 1MHz steps

#01-5398	#02-5680	#03-5522	#04-5588	#05-5676	#06-5319	#07-5275	#08-5432	#09-5658	#10-5705
#11-5602	#12-5656	#13-5692	#14-5663	#15-5270	#16-5653	#17-5455	#18-5576	#19-5722	#20-5336
#21-5657	#22-5479	#23-5278	#24-5598	#25-5387	#26-5512	#27-5443	#28-5279	#29-5670	#30-5578
#31-5378	#32-5371	#33-5516	#34-5312	#35-5689	#36-5308	#37-5541	#38-5523	#39-5675	#40-5421
#41-5697	#42-5560	#43-5664	#44-5629	#45-5431	#46-5422	#47-5321	#48-5281	#49-5626	#50-5294
#51-5499	#52-5643	#53-5652	#54-5648	#55-5450	#56-5414	#57-5600	#58-5720	#59-5486	#60-5329
#61-5577	#62-5481	#63-5390	#64-5606	#65-5601	#66-5306	#67-5595	#68-5639	#69-5303	#70-5301
#71-5385	#72-5507	#73-5442	#74-5459	#75-5608	#76-5261	#77-5582	#78-5599	#79-5714	#80-5346
#81-5469	#82-5472	#83-5562	#84-5393	#85-5286	#86-5384	#87-5340	#88-5358	#89-5320	#90-5659
#91-5617	#92-5707	#93-5513	#94-5272	#95-5555	#96-5366	#97-5674	#98-5702	#99-5575	#100-5633

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Title: Xirrus XR520H
To: FCC CFR 47 Part 15 Subpart E 15.407
Serial #: XIRR11-U3 DFS Rev A
Issue Date: 24th March 2015
Page: 112 of 128

Type 6 #13 [Back to Summary]

This table contains a list of 100 hop frequencies, randomly selected from 5250-5724MHz in 1MHz steps

#01-5262	#02-5386	#03-5460	#04-5715	#05-5716	#06-5531	#07-5588	#08-5387	#09-5611	#10-5340
#11-5480	#12-5261	#13-5642	#14-5294	#15-5457	#16-5269	#17-5461	#18-5549	#19-5669	#20-5705
#21-5430	#22-5551	#23-5614	#24-5476	#25-5670	#26-5585	#27-5431	#28-5466	#29-5398	#30-5290
#31-5368	#32-5619	#33-5564	#34-5256	#35-5393	#36-5348	#37-5552	#38-5456	#39-5542	#40-5297
#41-5527	#42-5420	#43-5595	#44-5703	#45-5347	#46-5714	#47-5374	#48-5282	#49-5594	#50-5452
#51-5435	#52-5497	#53-5724	#54-5489	#55-5295	#56-5407	#57-5646	#58-5462	#59-5299	#60-5361
#61-5367	#62-5328	#63-5469	#64-5451	#65-5442	#66-5317	#67-5499	#68-5613	#69-5504	#70-5337
#71-5708	#72-5305	#73-5325	#74-5607	#75-5333	#76-5409	#77-5640	#78-5335	#79-5275	#80-5364
#81-5484	#82-5629	#83-5302	#84-5606	#85-5298	#86-5620	#87-5560	#88-5477	#89-5365	#90-5303
#91-5517	#92-5483	#93-5621	#94-5630	#95-5647	#96-5648	#97-5345	#98-5563	#99-5656	#100-5266

Type 6 #14 [Back to Summary]

This table contains a list of 100 hop frequencies, randomly selected from 5250-5724MHz in 1MHz steps

#01-5433	#02-5695	#03-5313	#04-5324	#05-5527	#06-5303	#07-5384	#08-5275	#09-5342	#10-5691
#11-5355	#12-5614	#13-5412	#14-5398	#15-5485	#16-5450	#17-5717	#18-5669	#19-5585	#20-5593
#21-5251	#22-5533	#23-5373	#24-5436	#25-5463	#26-5486	#27-5716	#28-5420	#29-5654	#30-5523
#31-5432	#32-5535	#33-5446	#34-5332	#35-5543	#36-5699	#37-5506	#38-5343	#39-5339	#40-5686
#41-5550	#42-5378	#43-5655	#44-5265	#45-5499	#46-5405	#47-5619	#48-5571	#49-5712	#50-5549
#51-5431	#52-5664	#53-5612	#54-5314	#55-5542	#56-5392	#57-5580	#58-5418	#59-5647	#60-5616
#61-5329	#62-5316	#63-5666	#64-5475	#65-5624	#66-5492	#67-5503	#68-5290	#69-5707	#70-5720
#71-5448	#72-5467	#73-5284	#74-5676	#75-5445	#76-5500	#77-5387	#78-5264	#79-5644	#80-5604
#81-5336	#82-5278	#83-5689	#84-5675	#85-5483	#86-5382	#87-5455	#88-5288	#89-5660	#90-5518
#91-5393	#92-5671	#93-5307	#94-5391	#95-5430	#96-5356	#97-5590	#98-5540	#99-5650	#100-5565

Type 6 #15 [Back to Summary]

This table contains a list of 100 hop frequencies, randomly selected from 5250-5724MHz in 1MHz steps

#01-5377	#02-5466	#03-5452	#04-5366	#05-5666	#06-5676	#07-5396	#08-5312	#09-5389	#10-5595
#11-5448	#12-5541	#13-5270	#14-5492	#15-5574	#16-5514	#17-5467	#18-5512	#19-5457	#20-5283
#21-5526	#22-5615	#23-5255	#24-5620	#25-5442	#26-5493	#27-5598	#28-5464	#29-5659	#30-5705
#31-5413	#32-5398	#33-5275	#34-5643	#35-5395	#36-5641	#37-5252	#38-5647	#39-5719	#40-5566
#41-5286	#42-5400	#43-5254	#44-5325	#45-5351	#46-5491	#47-5599	#48-5624	#49-5580	#50-5404
#51-5613	#52-5327	#53-5333	#54-5616	#55-5288	#56-5486	#57-5460	#58-5557	#59-5648	#60-5423
#61-5328	#62-5657	#63-5408	#64-5432	#65-5300	#66-5515	#67-5346	#68-5658	#69-5545	#70-5518
#71-5722	#72-5376	#73-5610	#74-5654	#75-5519	#76-5619	#77-5699	#78-5608	#79-5505	#80-5341
#81-5335	#82-5314	#83-5384	#84-5605	#85-5634	#86-5430	#87-5420	#88-5724	#89-5546	#90-5488
#91-5354	#92-5272	#93-5571	#94-5618	#95-5700	#96-5497	#97-5527	#98-5617	#99-5318	#100-5534

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Title: Xirrus XR520H
To: FCC CFR 47 Part 15 Subpart E 15.407
Serial #: XIRR11-U3 DFS Rev A
Issue Date: 24th March 2015
Page: 113 of 128

Type 6 #16 [Back to Summary]

This table contains a list of 100 hop frequencies, randomly selected from 5250-5724MHz in 1MHz steps

#01-5442	#02-5619	#03-5637	#04-5600	#05-5530	#06-5288	#07-5696	#08-5528	#09-5354	#10-5298
#11-5597	#12-5316	#13-5346	#14-5710	#15-5381	#16-5471	#17-5437	#18-5477	#19-5341	#20-5546
#21-5377	#22-5617	#23-5353	#24-5289	#25-5286	#26-5468	#27-5700	#28-5371	#29-5421	#30-5685
#31-5613	#32-5273	#33-5526	#34-5490	#35-5692	#36-5283	#37-5624	#38-5277	#39-5267	#40-5383
#41-5306	#42-5400	#43-5504	#44-5521	#45-5315	#46-5569	#47-5276	#48-5340	#49-5420	#50-5525
#51-5497	#52-5562	#53-5251	#54-5534	#55-5561	#56-5494	#57-5545	#58-5720	#59-5406	#60-5658
#61-5337	#62-5709	#63-5293	#64-5363	#65-5616	#66-5503	#67-5403	#68-5577	#69-5684	#70-5518
#71-5678	#72-5719	#73-5510	#74-5380	#75-5345	#76-5330	#77-5515	#78-5501	#79-5688	#80-5531
#81-5488	#82-5408	#83-5446	#84-5281	#85-5586	#86-5450	#87-5693	#88-5415	#89-5460	#90-5701
#91-5676	#92-5661	#93-5567	#94-5565	#95-5703	#96-5608	#97-5321	#98-5414	#99-5581	#100-5301

Type 6 #17 [Back to Summary]

This table contains a list of 100 hop frequencies, randomly selected from 5250-5724MHz in 1MHz steps

#01-5253	#02-5391	#03-5589	#04-5311	#05-5577	#06-5546	#07-5622	#08-5517	#09-5582	#10-5556
#11-5377	#12-5344	#13-5681	#14-5447	#15-5372	#16-5487	#17-5342	#18-5518	#19-5593	#20-5512
#21-5299	#22-5514	#23-5451	#24-5427	#25-5572	#26-5393	#27-5673	#28-5496	#29-5523	#30-5329
#31-5460	#32-5324	#33-5552	#34-5395	#35-5376	#36-5420	#37-5416	#38-5525	#39-5597	#40-5396
#41-5668	#42-5368	#43-5369	#44-5551	#45-5403	#46-5705	#47-5370	#48-5442	#49-5465	#50-5516
#51-5527	#52-5318	#53-5251	#54-5464	#55-5664	#56-5412	#57-5463	#58-5434	#59-5598	#60-5375
#61-5719	#62-5502	#63-5345	#64-5303	#65-5536	#66-5320	#67-5677	#68-5542	#69-5646	#70-5446
#71-5355	#72-5331	#73-5600	#74-5419	#75-5413	#76-5553	#77-5304	#78-5307	#79-5538	#80-5658
#81-5484	#82-5394	#83-5636	#84-5480	#85-5674	#86-5591	#87-5273	#88-5497	#89-5611	#90-5418
#91-5489	#92-5698	#93-5606	#94-5350	#95-5620	#96-5319	#97-5294	#98-5270	#99-5295	#100-5321

Type 6 #18 [Back to Summary]

This table contains a list of 100 hop frequencies, randomly selected from 5250-5724MHz in 1MHz steps

#01-5662	#02-5689	#03-5412	#04-5525	#05-5282	#06-5391	#07-5409	#08-5447	#09-5316	#10-5480
#11-5482	#12-5648	#13-5576	#14-5406	#15-5528	#16-5308	#17-5353	#18-5532	#19-5719	#20-5503
#21-5539	#22-5636	#23-5564	#24-5302	#25-5402	#26-5410	#27-5498	#28-5566	#29-5622	#30-5441
#31-5267	#32-5392	#33-5477	#34-5321	#35-5262	#36-5626	#37-5586	#38-5696	#39-5578	#40-5277
#41-5615	#42-5292	#43-5328	#44-5468	#45-5373	#46-5427	#47-5473	#48-5464	#49-5515	#50-5524
#51-5433	#52-5486	#53-5276	#54-5516	#55-5507	#56-5275	#57-5375	#58-5360	#59-5597	#60-5618
#61-5567	#62-5550	#63-5599	#64-5463	#65-5340	#66-5420	#67-5504	#68-5393	#69-5627	#70-5446
#71-5381	#72-5678	#73-5692	#74-5613	#75-5496	#76-5558	#77-5345	#78-5653	#79-5700	#80-5661
#81-5284	#82-5301	#83-5347	#84-5258	#85-5506	#86-5366	#87-5685	#88-5712	#89-5500	#90-5475
#91-5573	#92-5706	#93-5384	#94-5298	#95-5467	#96-5453	#97-5255	#98-5256	#99-5693	#100-5320

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Title: Xirrus XR520H
To: FCC CFR 47 Part 15 Subpart E 15.407
Serial #: XIRR11-U3 DFS Rev A
Issue Date: 24th March 2015
Page: 114 of 128

Type 6 #19 [Back to Summary]

This table contains a list of 100 hop frequencies, randomly selected from 5250-5724MHz in 1MHz steps

#01-5613	#02-5327	#03-5302	#04-5532	#05-5308	#06-5628	#07-5260	#08-5441	#09-5279	#10-5431
#11-5398	#12-5660	#13-5584	#14-5515	#15-5452	#16-5591	#17-5681	#18-5699	#19-5459	#20-5689
#21-5406	#22-5376	#23-5696	#24-5697	#25-5558	#26-5565	#27-5355	#28-5340	#29-5621	#30-5693
#31-5688	#32-5412	#33-5269	#34-5680	#35-5698	#36-5307	#37-5529	#38-5520	#39-5471	#40-5293
#41-5425	#42-5295	#43-5524	#44-5507	#45-5264	#46-5586	#47-5298	#48-5522	#49-5253	#50-5638
#51-5486	#52-5356	#53-5494	#54-5559	#55-5475	#56-5313	#57-5705	#58-5335	#59-5663	#60-5535
#61-5429	#62-5692	#63-5620	#64-5353	#65-5433	#66-5635	#67-5707	#68-5641	#69-5401	#70-5410
#71-5610	#72-5630	#73-5652	#74-5357	#75-5283	#76-5265	#77-5292	#78-5562	#79-5420	#80-5299
#81-5651	#82-5637	#83-5436	#84-5389	#85-5556	#86-5719	#87-5548	#88-5435	#89-5482	#90-5720
#91-5328	#92-5629	#93-5404	#94-5675	#95-5315	#96-5392	#97-5370	#98-5568	#99-5278	#100-5581

Type 6 #20 [Back to Summary]

This table contains a list of 100 hop frequencies, randomly selected from 5250-5724MHz in 1MHz steps

#01-5428	#02-5386	#03-5632	#04-5442	#05-5255	#06-5690	#07-5566	#08-5621	#09-5698	#10-5258
#11-5252	#12-5570	#13-5426	#14-5520	#15-5449	#16-5568	#17-5335	#18-5407	#19-5586	#20-5425
#21-5347	#22-5419	#23-5362	#24-5573	#25-5378	#26-5628	#27-5433	#28-5543	#29-5701	#30-5420
#31-5300	#32-5370	#33-5271	#34-5319	#35-5459	#36-5299	#37-5481	#38-5364	#39-5713	#40-5582
#41-5593	#42-5636	#43-5509	#44-5711	#45-5325	#46-5308	#47-5702	#48-5286	#49-5476	#50-5472
#51-5307	#52-5687	#53-5706	#54-5577	#55-5483	#56-5259	#57-5274	#58-5313	#59-5351	#60-5506
#61-5273	#62-5644	#63-5528	#64-5683	#65-5606	#66-5549	#67-5357	#68-5311	#69-5399	#70-5336
#71-5695	#72-5418	#73-5253	#74-5557	#75-5436	#76-5635	#77-5376	#78-5497	#79-5320	#80-5651
#81-5397	#82-5316	#83-5479	#84-5363	#85-5337	#86-5389	#87-5561	#88-5275	#89-5422	#90-5612
#91-5569	#92-5716	#93-5277	#94-5443	#95-5484	#96-5595	#97-5700	#98-5326	#99-5385	#100-5518

Type 6 #21 [Back to Summary]

This table contains a list of 100 hop frequencies, randomly selected from 5250-5724MHz in 1MHz steps

#01-5702	#02-5270	#03-5296	#04-5348	#05-5623	#06-5535	#07-5718	#08-5425	#09-5359	#10-5682
#11-5414	#12-5415	#13-5596	#14-5467	#15-5380	#16-5521	#17-5586	#18-5374	#19-5638	#20-5645
#21-5531	#22-5652	#23-5712	#24-5445	#25-5654	#26-5304	#27-5561	#28-5306	#29-5422	#30-5714
#31-5344	#32-5277	#33-5543	#34-5411	#35-5398	#36-5514	#37-5350	#38-5376	#39-5611	#40-5436
#41-5691	#42-5612	#43-5551	#44-5540	#45-5406	#46-5701	#47-5354	#48-5323	#49-5363	#50-5677
#51-5471	#52-5300	#53-5282	#54-5576	#55-5419	#56-5524	#57-5481	#58-5407	#59-5369	#60-5661
#61-5692	#62-5320	#63-5387	#64-5302	#65-5706	#66-5257	#67-5485	#68-5722	#69-5276	#70-5588
#71-5686	#72-5349	#73-5618	#74-5666	#75-5327	#76-5456	#77-5707	#78-5308	#79-5287	#80-5597
#81-5556	#82-5361	#83-5365	#84-5662	#85-5656	#86-5624	#87-5317	#88-5279	#89-5480	#90-5403
#91-5372	#92-5316	#93-5603	#94-5679	#95-5444	#96-5552	#97-5617	#98-5338	#99-5658	#100-5683

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Title: Xirrus XR520H
To: FCC CFR 47 Part 15 Subpart E 15.407
Serial #: XIRR11-U3 DFS Rev A
Issue Date: 24th March 2015
Page: 115 of 128

Type 6 #22 [Back to Summary]

This table contains a list of 100 hop frequencies, randomly selected from 5250-5724MHz in 1MHz steps

#01-5306	#02-5583	#03-5404	#04-5675	#05-5386	#06-5603	#07-5655	#08-5448	#09-5526	#10-5471
#11-5670	#12-5590	#13-5319	#14-5554	#15-5395	#16-5621	#17-5688	#18-5276	#19-5656	#20-5429
#21-5387	#22-5685	#23-5562	#24-5407	#25-5334	#26-5640	#27-5430	#28-5332	#29-5402	#30-5284
#31-5663	#32-5272	#33-5432	#34-5704	#35-5599	#36-5718	#37-5700	#38-5674	#39-5401	#40-5714
#41-5282	#42-5601	#43-5608	#44-5699	#45-5507	#46-5722	#47-5298	#48-5533	#49-5547	#50-5588
#51-5478	#52-5545	#53-5346	#54-5270	#55-5721	#56-5591	#57-5422	#58-5573	#59-5295	#60-5492
#61-5532	#62-5647	#63-5340	#64-5679	#65-5645	#66-5264	#67-5345	#68-5505	#69-5440	#70-5355
#71-5333	#72-5551	#73-5643	#74-5381	#75-5523	#76-5579	#77-5421	#78-5322	#79-5408	#80-5503
#81-5698	#82-5435	#83-5391	#84-5711	#85-5359	#86-5325	#87-5302	#88-5349	#89-5631	#90-5344
#91-5626	#92-5495	#93-5288	#94-5439	#95-5262	#96-5316	#97-5539	#98-5289	#99-5552	#100-5290

Type 6 #23 [Back to Summary]

This table contains a list of 100 hop frequencies, randomly selected from 5250-5724MHz in 1MHz steps

#01-5299	#02-5441	#03-5321	#04-5459	#05-5307	#06-5453	#07-5656	#08-5425	#09-5428	#10-5666
#11-5635	#12-5526	#13-5298	#14-5369	#15-5699	#16-5603	#17-5380	#18-5451	#19-5262	#20-5287
#21-5391	#22-5677	#23-5572	#24-5552	#25-5688	#26-5640	#27-5694	#28-5491	#29-5632	#30-5415
#31-5293	#32-5607	#33-5663	#34-5341	#35-5519	#36-5288	#37-5591	#38-5719	#39-5621	#40-5644
#41-5685	#42-5641	#43-5585	#44-5350	#45-5714	#46-5319	#47-5437	#48-5408	#49-5562	#50-5540
#51-5253	#52-5488	#53-5473	#54-5344	#55-5537	#56-5687	#57-5658	#58-5521	#59-5501	#60-5613
#61-5277	#62-5587	#63-5681	#64-5574	#65-5661	#66-5386	#67-5554	#68-5367	#69-5439	#70-5717
#71-5655	#72-5692	#73-5651	#74-5625	#75-5444	#76-5256	#77-5455	#78-5316	#79-5659	#80-5434
#81-5281	#82-5539	#83-5684	#84-5624	#85-5334	#86-5710	#87-5405	#88-5433	#89-5278	#90-5557
#91-5487	#92-5283	#93-5469	#94-5351	#95-5272	#96-5257	#97-5503	#98-5611	#99-5443	#100-5496

Type 6 #24 [Back to Summary]

This table contains a list of 100 hop frequencies, randomly selected from 5250-5724MHz in 1MHz steps

#01-5542	#02-5665	#03-5481	#04-5610	#05-5312	#06-5454	#07-5327	#08-5495	#09-5407	#10-5686
#11-5653	#12-5497	#13-5543	#14-5371	#15-5302	#16-5486	#17-5469	#18-5274	#19-5381	#20-5283
#21-5533	#22-5627	#23-5384	#24-5350	#25-5617	#26-5405	#27-5351	#28-5269	#29-5708	#30-5447
#31-5538	#32-5298	#33-5716	#34-5510	#35-5722	#36-5393	#37-5448	#38-5675	#39-5506	#40-5328
#41-5663	#42-5596	#43-5559	#44-5651	#45-5705	#46-5372	#47-5511	#48-5512	#49-5478	#50-5479
#51-5410	#52-5687	#53-5640	#54-5530	#55-5718	#56-5631	#57-5352	#58-5308	#59-5684	#60-5397
#61-5604	#62-5374	#63-5342	#64-5270	#65-5324	#66-5600	#67-5679	#68-5595	#69-5281	#70-5513
#71-5515	#72-5356	#73-5621	#74-5660	#75-5309	#76-5544	#77-5555	#78-5547	#79-5331	#80-5463
#81-5262	#82-5455	#83-5293	#84-5403	#85-5401	#86-5636	#87-5254	#88-5618	#89-5581	#90-5338
#91-5418	#92-5491	#93-5404	#94-5603	#95-5341	#96-5609	#97-5267	#98-5590	#99-5611	#100-5706

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Title: Xirrus XR520H
To: FCC CFR 47 Part 15 Subpart E 15.407
Serial #: XIRR11-U3 DFS Rev A
Issue Date: 24th March 2015
Page: 116 of 128

Type 6 #25 [Back to Summary]

This table contains a list of 100 hop frequencies, randomly selected from 5250-5724MHz in 1MHz steps

#01-5411	#02-5314	#03-5274	#04-5337	#05-5310	#06-5675	#07-5460	#08-5292	#09-5545	#10-5330
#11-5540	#12-5280	#13-5447	#14-5658	#15-5443	#16-5369	#17-5561	#18-5352	#19-5585	#20-5514
#21-5532	#22-5278	#23-5418	#24-5630	#25-5665	#26-5350	#27-5456	#28-5446	#29-5396	#30-5569
#31-5615	#32-5421	#33-5584	#34-5612	#35-5360	#36-5619	#37-5304	#38-5407	#39-5539	#40-5518
#41-5338	#42-5676	#43-5373	#44-5406	#45-5521	#46-5622	#47-5489	#48-5678	#49-5279	#50-5508
#51-5542	#52-5442	#53-5603	#54-5285	#55-5581	#56-5432	#57-5370	#58-5574	#59-5254	#60-5570
#61-5348	#62-5695	#63-5390	#64-5276	#65-5324	#66-5356	#67-5482	#68-5666	#69-5298	#70-5427
#71-5700	#72-5263	#73-5466	#74-5506	#75-5553	#76-5558	#77-5682	#78-5493	#79-5367	#80-5311
#81-5322	#82-5703	#83-5705	#84-5302	#85-5653	#86-5498	#87-5454	#88-5403	#89-5693	#90-5419
#91-5404	#92-5706	#93-5708	#94-5379	#95-5516	#96-5257	#97-5724	#98-5365	#99-5467	#100-5590

Type 6 #26 [Back to Summary]

This table contains a list of 100 hop frequencies, randomly selected from 5250-5724MHz in 1MHz steps

#01-5344	#02-5364	#03-5651	#04-5586	#05-5271	#06-5420	#07-5613	#08-5580	#09-5540	#10-5633
#11-5317	#12-5297	#13-5303	#14-5451	#15-5275	#16-5418	#17-5568	#18-5273	#19-5256	#20-5511
#21-5484	#22-5522	#23-5378	#24-5356	#25-5291	#26-5675	#27-5493	#28-5280	#29-5575	#30-5682
#31-5486	#32-5365	#33-5641	#34-5252	#35-5637	#36-5433	#37-5707	#38-5330	#39-5564	#40-5588
#41-5322	#42-5332	#43-5353	#44-5463	#45-5530	#46-5699	#47-5644	#48-5617	#49-5341	#50-5460
#51-5558	#52-5604	#53-5457	#54-5640	#55-5379	#56-5662	#57-5336	#58-5510	#59-5308	#60-5360
#61-5536	#62-5704	#63-5345	#64-5535	#65-5272	#66-5505	#67-5385	#68-5290	#69-5650	#70-5254
#71-5647	#72-5411	#73-5606	#74-5296	#75-5552	#76-5394	#77-5519	#78-5361	#79-5683	#80-5590
#81-5343	#82-5374	#83-5286	#84-5598	#85-5429	#86-5517	#87-5578	#88-5392	#89-5477	#90-5328
#91-5264	#92-5520	#93-5367	#94-5720	#95-5676	#96-5388	#97-5481	#98-5300	#99-5266	#100-5635

Type 6 #27 [Back to Summary]

This table contains a list of 100 hop frequencies, randomly selected from 5250-5724MHz in 1MHz steps

#01-5443	#02-5496	#03-5411	#04-5637	#05-5551	#06-5518	#07-5542	#08-5398	#09-5349	#10-5494
#11-5510	#12-5610	#13-5695	#14-5499	#15-5399	#16-5326	#17-5592	#18-5437	#19-5507	#20-5502
#21-5569	#22-5397	#23-5500	#24-5603	#25-5435	#26-5567	#27-5697	#28-5451	#29-5539	#30-5465
#31-5463	#32-5568	#33-5352	#34-5268	#35-5605	#36-5276	#37-5599	#38-5659	#39-5654	#40-5639
#41-5285	#42-5260	#43-5488	#44-5470	#45-5527	#46-5312	#47-5613	#48-5587	#49-5277	#50-5489
#51-5316	#52-5295	#53-5420	#54-5635	#55-5283	#56-5366	#57-5368	#58-5699	#59-5425	#60-5623
#61-5679	#62-5533	#63-5482	#64-5656	#65-5296	#66-5307	#67-5712	#68-5632	#69-5483	#70-5290
#71-5490	#72-5365	#73-5287	#74-5653	#75-5563	#76-5677	#77-5561	#78-5522	#79-5357	#80-5571
#81-5634	#82-5480	#83-5684	#84-5478	#85-5266	#86-5330	#87-5689	#88-5680	#89-5640	#90-5254
#91-5626	#92-5426	#93-5369	#94-5647	#95-5402	#96-5537	#97-5379	#98-5395	#99-5643	#100-5328

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Title: Xirrus XR520H
To: FCC CFR 47 Part 15 Subpart E 15.407
Serial #: XIRR11-U3 DFS Rev A
Issue Date: 24th March 2015
Page: 117 of 128

Type 6 #28 [Back to Summary]

This table contains a list of 100 hop frequencies, randomly selected from 5250-5724MHz in 1MHz steps

#01-5440	#02-5659	#03-5515	#04-5309	#05-5252	#06-5583	#07-5696	#08-5334	#09-5383	#10-5364
#11-5675	#12-5390	#13-5501	#14-5401	#15-5607	#16-5410	#17-5466	#18-5684	#19-5525	#20-5372
#21-5363	#22-5534	#23-5630	#24-5661	#25-5500	#26-5317	#27-5639	#28-5719	#29-5710	#30-5527
#31-5687	#32-5653	#33-5555	#34-5290	#35-5274	#36-5688	#37-5681	#38-5328	#39-5356	#40-5708
#41-5406	#42-5365	#43-5304	#44-5485	#45-5649	#46-5693	#47-5289	#48-5716	#49-5320	#50-5420
#51-5594	#52-5483	#53-5680	#54-5326	#55-5375	#56-5609	#57-5476	#58-5307	#59-5339	#60-5397
#61-5562	#62-5713	#63-5462	#64-5670	#65-5360	#66-5582	#67-5447	#68-5510	#69-5606	#70-5419
#71-5426	#72-5542	#73-5682	#74-5418	#75-5576	#76-5349	#77-5599	#78-5253	#79-5342	#80-5600
#81-5689	#82-5624	#83-5558	#84-5565	#85-5650	#86-5465	#87-5258	#88-5528	#89-5316	#90-5273
#91-5703	#92-5432	#93-5519	#94-5535	#95-5538	#96-5425	#97-5306	#98-5388	#99-5368	#100-5282

Type 6 #29 [Back to Summary]

This table contains a list of 100 hop frequencies, randomly selected from 5250-5724MHz in 1MHz steps

#01-5671	#02-5625	#03-5416	#04-5433	#05-5336	#06-5483	#07-5455	#08-5620	#09-5292	#10-5320
#11-5396	#12-5683	#13-5368	#14-5676	#15-5280	#16-5579	#17-5501	#18-5327	#19-5673	#20-5615
#21-5510	#22-5403	#23-5597	#24-5491	#25-5417	#26-5459	#27-5354	#28-5543	#29-5642	#30-5363
#31-5462	#32-5570	#33-5667	#34-5296	#35-5612	#36-5675	#37-5398	#38-5467	#39-5378	#40-5500
#41-5322	#42-5420	#43-5705	#44-5632	#45-5435	#46-5473	#47-5400	#48-5583	#49-5508	#50-5529
#51-5310	#52-5316	#53-5497	#54-5518	#55-5277	#56-5649	#57-5265	#58-5602	#59-5637	#60-5703
#61-5654	#62-5550	#63-5314	#64-5329	#65-5431	#66-5284	#67-5423	#68-5542	#69-5340	#70-5422
#71-5690	#72-5306	#73-5668	#74-5308	#75-5495	#76-5321	#77-5558	#78-5401	#79-5601	#80-5523
#81-5343	#82-5648	#83-5451	#84-5372	#85-5410	#86-5441	#87-5300	#88-5298	#89-5609	#90-5458
#91-5328	#92-5519	#93-5429	#94-5389	#95-5362	#96-5721	#97-5498	#98-5406	#99-5345	#100-5312

Type 6 #30 [Back to Summary]

This table contains a list of 100 hop frequencies, randomly selected from 5250-5724MHz in 1MHz steps

#01-5593	#02-5322	#03-5543	#04-5607	#05-5602	#06-5631	#07-5346	#08-5432	#09-5400	#10-5388
#11-5523	#12-5695	#13-5406	#14-5682	#15-5558	#16-5421	#17-5301	#18-5382	#19-5623	#20-5372
#21-5641	#22-5459	#23-5704	#24-5701	#25-5580	#26-5657	#27-5312	#28-5289	#29-5403	#30-5353
#31-5367	#32-5723	#33-5585	#34-5604	#35-5379	#36-5489	#37-5532	#38-5535	#39-5679	#40-5591
#41-5320	#42-5530	#43-5548	#44-5273	#45-5431	#46-5662	#47-5665	#48-5670	#49-5365	#50-5508
#51-5698	#52-5396	#53-5422	#54-5587	#55-5564	#56-5630	#57-5271	#58-5699	#59-5284	#60-5393
#61-5722	#62-5285	#63-5697	#64-5545	#65-5327	#66-5428	#67-5464	#68-5536	#69-5575	#70-5338
#71-5418	#72-5299	#73-5687	#74-5389	#75-5424	#76-5557	#77-5475	#78-5374	#79-5348	#80-5457
#81-5712	#82-5583	#83-5274	#84-5439	#85-5516	#86-5368	#87-5510	#88-5560	#89-5645	#90-5448
#91-5462	#92-5452	#93-5354	#94-5483	#95-5451	#96-5384	#97-5515	#98-5419	#99-5460	#100-5390

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Title: Xirrus XR520H
To: FCC CFR 47 Part 15 Subpart E 15.407
Serial #: XIRR11-U3 DFS Rev A
Issue Date: 24th March 2015
Page: 118 of 128

802.11n HT-40 Injected Type 6 Radar Injections

Type 6 #1 [Back to Summary]

This table contains a list of 100 hop frequencies, randomly selected from 5250-5724MHz in 1MHz steps

#01-5457	#02-5358	#03-5721	#04-5446	#05-5554	#06-5349	#07-5538	#08-5616	#09-5643	#10-5559
#11-5322	#12-5693	#13-5637	#14-5428	#15-5262	#16-5679	#17-5441	#18-5571	#19-5522	#20-5687
#21-5624	#22-5406	#23-5362	#24-5343	#25-5690	#26-5558	#27-5576	#28-5628	#29-5377	#30-5260
#31-5717	#32-5382	#33-5381	#34-5452	#35-5605	#36-5266	#37-5480	#38-5715	#39-5314	#40-5341
#41-5695	#42-5270	#43-5434	#44-5471	#45-5335	#46-5635	#47-5626	#48-5366	#49-5316	#50-5490
#51-5527	#52-5286	#53-5259	#54-5662	#55-5300	#56-5720	#57-5498	#58-5634	#59-5489	#60-5633
#61-5566	#62-5664	#63-5501	#64-5505	#65-5701	#66-5685	#67-5581	#68-5595	#69-5654	#70-5386
#71-5652	#72-5596	#73-5647	#74-5675	#75-5512	#76-5310	#77-5494	#78-5439	#79-5346	#80-5431
#81-5444	#82-5401	#83-5609	#84-5363	#85-5250	#86-5718	#87-5541	#88-5432	#89-5456	#90-5361
#91-5592	#92-5532	#93-5380	#94-5649	#95-5709	#96-5379	#97-5529	#98-5671	#99-5553	#100-5389

Type 6 #2 [Back to Summary]

This table contains a list of 100 hop frequencies, randomly selected from 5250-5724MHz in 1MHz steps

#01-5257	#02-5638	#03-5318	#04-5281	#05-5600	#06-5324	#07-5547	#08-5372	#09-5428	#10-5389
#11-5376	#12-5567	#13-5320	#14-5310	#15-5549	#16-5496	#17-5548	#18-5685	#19-5587	#20-5641
#21-5413	#22-5447	#23-5275	#24-5314	#25-5296	#26-5516	#27-5527	#28-5656	#29-5689	#30-5493
#31-5518	#32-5292	#33-5436	#34-5488	#35-5541	#36-5332	#37-5374	#38-5644	#39-5718	#40-5309
#41-5277	#42-5697	#43-5465	#44-5319	#45-5350	#46-5463	#47-5555	#48-5569	#49-5333	#50-5636
#51-5701	#52-5534	#53-5613	#54-5692	#55-5553	#56-5532	#57-5522	#58-5424	#59-5608	#60-5299
#61-5599	#62-5311	#63-5679	#64-5466	#65-5561	#66-5668	#67-5648	#68-5353	#69-5420	#70-5303
#71-5349	#72-5533	#73-5649	#74-5351	#75-5370	#76-5410	#77-5606	#78-5316	#79-5626	#80-5364
#81-5545	#82-5362	#83-5446	#84-5505	#85-5582	#86-5639	#87-5460	#88-5445	#89-5289	#90-5508
#91-5338	#92-5258	#93-5713	#94-5597	#95-5560	#96-5592	#97-5269	#98-5334	#99-5395	#100-5304

Type 6 #3 [Back to Summary]

This table contains a list of 100 hop frequencies, randomly selected from 5250-5724MHz in 1MHz steps

#01-5447	#02-5418	#03-5686	#04-5697	#05-5436	#06-5395	#07-5352	#08-5265	#09-5556	#10-5452
#11-5613	#12-5639	#13-5505	#14-5711	#15-5434	#16-5323	#17-5252	#18-5610	#19-5530	#20-5262
#21-5362	#22-5270	#23-5617	#24-5443	#25-5511	#26-5289	#27-5371	#28-5496	#29-5526	#30-5277
#31-5573	#32-5684	#33-5360	#34-5468	#35-5385	#36-5470	#37-5498	#38-5472	#39-5578	#40-5717
#41-5558	#42-5709	#43-5450	#44-5304	#45-5426	#46-5408	#47-5671	#48-5332	#49-5712	#50-5699
#51-5383	#52-5666	#53-5492	#54-5435	#55-5397	#56-5274	#57-5580	#58-5464	#59-5528	#60-5603
#61-5653	#62-5529	#63-5286	#64-5576	#65-5688	#66-5549	#67-5504	#68-5281	#69-5417	#70-5275
#71-5369	#72-5437	#73-5356	#74-5459	#75-5310	#76-5669	#77-5338	#78-5586	#79-5701	#80-5683
#81-5256	#82-5430	#83-5381	#84-5503	#85-5279	#86-5633	#87-5306	#88-5646	#89-5267	#90-5574
#91-5444	#92-5553	#93-5680	#94-5531	#95-5358	#96-5547	#97-5714	#98-5420	#99-5283	#100-5375

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Title: Xirrus XR520H
To: FCC CFR 47 Part 15 Subpart E 15.407
Serial #: XIRR11-U3 DFS Rev A
Issue Date: 24th March 2015
Page: 119 of 128

Type 6 #4 [Back to Summary]

This table contains a list of 100 hop frequencies, randomly selected from 5250-5724MHz in 1MHz steps

#01-5413	#02-5329	#03-5491	#04-5609	#05-5584	#06-5267	#07-5668	#08-5552	#09-5485	#10-5618
#11-5268	#12-5543	#13-5467	#14-5576	#15-5619	#16-5590	#17-5407	#18-5447	#19-5403	#20-5389
#21-5691	#22-5345	#23-5458	#24-5366	#25-5630	#26-5428	#27-5593	#28-5703	#29-5694	#30-5499
#31-5697	#32-5636	#33-5259	#34-5614	#35-5420	#36-5615	#37-5362	#38-5344	#39-5507	#40-5681
#41-5425	#42-5335	#43-5354	#44-5452	#45-5464	#46-5682	#47-5556	#48-5605	#49-5711	#50-5709
#51-5597	#52-5400	#53-5490	#54-5684	#55-5506	#56-5649	#57-5494	#58-5571	#59-5559	#60-5320
#61-5254	#62-5695	#63-5712	#64-5557	#65-5290	#66-5294	#67-5433	#68-5443	#69-5631	#70-5281
#71-5526	#72-5700	#73-5379	#74-5271	#75-5387	#76-5527	#77-5342	#78-5650	#79-5544	#80-5275
#81-5469	#82-5677	#83-5503	#84-5596	#85-5384	#86-5250	#87-5282	#88-5656	#89-5706	#90-5519
#91-5382	#92-5459	#93-5568	#94-5564	#95-5666	#96-5263	#97-5569	#98-5493	#99-5436	#100-5560

Type 6 #5 [Back to Summary]

This table contains a list of 100 hop frequencies, randomly selected from 5250-5724MHz in 1MHz steps

#01-5514	#02-5555	#03-5485	#04-5511	#05-5691	#06-5478	#07-5630	#08-5264	#09-5295	#10-5712
#11-5476	#12-5285	#13-5303	#14-5418	#15-5635	#16-5432	#17-5357	#18-5512	#19-5650	#20-5502
#21-5256	#22-5568	#23-5644	#24-5284	#25-5544	#26-5387	#27-5709	#28-5531	#29-5430	#30-5588
#31-5700	#32-5490	#33-5668	#34-5332	#35-5554	#36-5495	#37-5689	#38-5477	#39-5597	#40-5505
#41-5336	#42-5472	#43-5533	#44-5395	#45-5280	#46-5462	#47-5615	#48-5658	#49-5553	#50-5671
#51-5636	#52-5451	#53-5692	#54-5701	#55-5646	#56-5457	#57-5590	#58-5373	#59-5500	#60-5519
#61-5360	#62-5331	#63-5667	#64-5586	#65-5547	#66-5423	#67-5629	#68-5481	#69-5422	#70-5524
#71-5260	#72-5301	#73-5678	#74-5697	#75-5381	#76-5556	#77-5364	#78-5385	#79-5642	#80-5289
#81-5528	#82-5386	#83-5501	#84-5676	#85-5297	#86-5471	#87-5348	#88-5263	#89-5308	#90-5674
#91-5613	#92-5601	#93-5317	#94-5279	#95-5327	#96-5439	#97-5464	#98-5651	#99-5681	#100-5593

Type 6 #6 [Back to Summary]

This table contains a list of 100 hop frequencies, randomly selected from 5250-5724MHz in 1MHz steps

#01-5692	#02-5481	#03-5622	#04-5401	#05-5368	#06-5687	#07-5721	#08-5675	#09-5413	#10-5628
#11-5308	#12-5411	#13-5646	#14-5678	#15-5429	#16-5259	#17-5323	#18-5539	#19-5722	#20-5325
#21-5298	#22-5254	#23-5337	#24-5341	#25-5629	#26-5711	#27-5527	#28-5287	#29-5671	#30-5428
#31-5362	#32-5571	#33-5608	#34-5632	#35-5708	#36-5540	#37-5573	#38-5672	#39-5590	#40-5300
#41-5704	#42-5358	#43-5511	#44-5710	#45-5542	#46-5631	#47-5473	#48-5390	#49-5683	#50-5426
#51-5545	#52-5688	#53-5394	#54-5531	#55-5496	#56-5382	#57-5409	#58-5684	#59-5709	#60-5515
#61-5461	#62-5264	#63-5694	#64-5614	#65-5376	#66-5674	#67-5346	#68-5665	#69-5468	#70-5352
#71-5523	#72-5723	#73-5488	#74-5452	#75-5389	#76-5491	#77-5288	#78-5250	#79-5612	#80-5432
#81-5336	#82-5270	#83-5396	#84-5292	#85-5425	#86-5458	#87-5616	#88-5353	#89-5526	#90-5444
#91-5330	#92-5355	#93-5258	#94-5268	#95-5412	#96-5262	#97-5605	#98-5470	#99-5291	#100-5498

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Title: Xirrus XR520H
To: FCC CFR 47 Part 15 Subpart E 15.407
Serial #: XIRR11-U3 DFS Rev A
Issue Date: 24th March 2015
Page: 120 of 128

Type 6 #7 [Back to Summary]

This table contains a list of 100 hop frequencies, randomly selected from 5250-5724MHz in 1MHz steps

#01-5618	#02-5682	#03-5544	#04-5487	#05-5671	#06-5515	#07-5574	#08-5345	#09-5652	#10-5674
#11-5468	#12-5368	#13-5675	#14-5466	#15-5305	#16-5326	#17-5561	#18-5666	#19-5633	#20-5442
#21-5620	#22-5279	#23-5346	#24-5381	#25-5473	#26-5273	#27-5562	#28-5600	#29-5352	#30-5456
#31-5524	#32-5355	#33-5283	#34-5564	#35-5658	#36-5450	#37-5590	#38-5580	#39-5653	#40-5481
#41-5257	#42-5530	#43-5405	#44-5514	#45-5624	#46-5314	#47-5681	#48-5253	#49-5293	#50-5528
#51-5382	#52-5540	#53-5602	#54-5589	#55-5585	#56-5412	#57-5264	#58-5647	#59-5678	#60-5698
#61-5717	#62-5446	#63-5400	#64-5363	#65-5334	#66-5627	#67-5372	#68-5695	#69-5336	#70-5704
#71-5685	#72-5612	#73-5474	#74-5665	#75-5591	#76-5573	#77-5684	#78-5615	#79-5643	#80-5348
#81-5720	#82-5697	#83-5467	#84-5299	#85-5699	#86-5323	#87-5288	#88-5576	#89-5657	#90-5700
#91-5507	#92-5255	#93-5401	#94-5290	#95-5294	#96-5559	#97-5378	#98-5322	#99-5403	#100-5715

Type 6 #8 [Back to Summary]

This table contains a list of 100 hop frequencies, randomly selected from 5250-5724MHz in 1MHz steps

#01-5365	#02-5644	#03-5545	#04-5416	#05-5687	#06-5312	#07-5304	#08-5619	#09-5283	#10-5404
#11-5390	#12-5591	#13-5698	#14-5652	#15-5299	#16-5561	#17-5369	#18-5403	#19-5253	#20-5427
#21-5597	#22-5389	#23-5660	#24-5440	#25-5643	#26-5571	#27-5334	#28-5694	#29-5339	#30-5528
#31-5544	#32-5612	#33-5309	#34-5584	#35-5467	#36-5409	#37-5695	#38-5638	#39-5452	#40-5370
#41-5300	#42-5576	#43-5260	#44-5673	#45-5317	#46-5367	#47-5510	#48-5541	#49-5678	#50-5289
#51-5399	#52-5402	#53-5700	#54-5709	#55-5355	#56-5383	#57-5293	#58-5466	#59-5649	#60-5669
#61-5600	#62-5704	#63-5639	#64-5620	#65-5344	#66-5684	#67-5433	#68-5340	#69-5477	#70-5333
#71-5429	#72-5335	#73-5453	#74-5549	#75-5386	#76-5489	#77-5395	#78-5460	#79-5666	#80-5609
#81-5418	#82-5362	#83-5276	#84-5651	#85-5421	#86-5482	#87-5445	#88-5356	#89-5414	#90-5693
#91-5614	#92-5447	#93-5718	#94-5580	#95-5308	#96-5610	#97-5626	#98-5650	#99-5298	#100-5442

Type 6 #9 [Back to Summary]

This table contains a list of 100 hop frequencies, randomly selected from 5250-5724MHz in 1MHz steps

#01-5262	#02-5396	#03-5496	#04-5532	#05-5361	#06-5426	#07-5493	#08-5697	#09-5433	#10-5452
#11-5707	#12-5658	#13-5507	#14-5644	#15-5467	#16-5281	#17-5708	#18-5358	#19-5265	#20-5366
#21-5424	#22-5404	#23-5659	#24-5680	#25-5392	#26-5633	#27-5336	#28-5283	#29-5301	#30-5723
#31-5517	#32-5436	#33-5703	#34-5458	#35-5408	#36-5673	#37-5548	#38-5588	#39-5712	#40-5450
#41-5429	#42-5591	#43-5411	#44-5465	#45-5310	#46-5323	#47-5389	#48-5684	#49-5582	#50-5627
#51-5518	#52-5635	#53-5656	#54-5268	#55-5583	#56-5461	#57-5541	#58-5453	#59-5339	#60-5460
#61-5646	#62-5434	#63-5660	#64-5520	#65-5679	#66-5298	#67-5485	#68-5381	#69-5333	#70-5409
#71-5494	#72-5277	#73-5640	#74-5719	#75-5537	#76-5498	#77-5464	#78-5332	#79-5559	#80-5672
#81-5443	#82-5345	#83-5724	#84-5525	#85-5296	#86-5440	#87-5550	#88-5600	#89-5385	#90-5622
#91-5714	#92-5508	#93-5407	#94-5476	#95-5669	#96-5356	#97-5275	#98-5628	#99-5553	#100-5499

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Title: Xirrus XR520H
To: FCC CFR 47 Part 15 Subpart E 15.407
Serial #: XIRR11-U3 DFS Rev A
Issue Date: 24th March 2015
Page: 121 of 128

Type 6 #10 [Back to Summary]

This table contains a list of 100 hop frequencies, randomly selected from 5250-5724MHz in 1MHz steps

#01-5468	#02-5273	#03-5608	#04-5265	#05-5296	#06-5687	#07-5327	#08-5307	#09-5618	#10-5392
#11-5386	#12-5452	#13-5338	#14-5661	#15-5719	#16-5632	#17-5582	#18-5660	#19-5505	#20-5676
#21-5250	#22-5359	#23-5379	#24-5650	#25-5461	#26-5271	#27-5519	#28-5701	#29-5534	#30-5293
#31-5495	#32-5669	#33-5602	#34-5700	#35-5642	#36-5280	#37-5417	#38-5503	#39-5637	#40-5304
#41-5350	#42-5491	#43-5480	#44-5578	#45-5305	#46-5318	#47-5539	#48-5675	#49-5448	#50-5693
#51-5297	#52-5548	#53-5467	#54-5639	#55-5478	#56-5339	#57-5537	#58-5641	#59-5666	#60-5533
#61-5331	#62-5334	#63-5348	#64-5615	#65-5508	#66-5460	#67-5685	#68-5601	#69-5415	#70-5406
#71-5593	#72-5622	#73-5624	#74-5592	#75-5322	#76-5405	#77-5310	#78-5456	#79-5569	#80-5502
#81-5366	#82-5324	#83-5447	#84-5371	#85-5385	#86-5311	#87-5414	#88-5605	#89-5587	#90-5696
#91-5496	#92-5269	#93-5381	#94-5522	#95-5583	#96-5579	#97-5597	#98-5571	#99-5252	#100-5429

Type 6 #11 [Back to Summary]

This table contains a list of 100 hop frequencies, randomly selected from 5250-5724MHz in 1MHz steps

#01-5650	#02-5567	#03-5296	#04-5578	#05-5267	#06-5381	#07-5580	#08-5459	#09-5688	#10-5554
#11-5693	#12-5273	#13-5417	#14-5387	#15-5325	#16-5624	#17-5637	#18-5660	#19-5535	#20-5543
#21-5621	#22-5376	#23-5605	#24-5436	#25-5492	#26-5359	#27-5608	#28-5452	#29-5602	#30-5696
#31-5656	#32-5364	#33-5512	#34-5268	#35-5445	#36-5542	#37-5264	#38-5560	#39-5648	#40-5473
#41-5256	#42-5487	#43-5532	#44-5440	#45-5438	#46-5358	#47-5520	#48-5385	#49-5507	#50-5679
#51-5685	#52-5635	#53-5442	#54-5718	#55-5524	#56-5687	#57-5585	#58-5336	#59-5633	#60-5498
#61-5377	#62-5581	#63-5717	#64-5623	#65-5486	#66-5399	#67-5666	#68-5508	#69-5609	#70-5326
#71-5262	#72-5311	#73-5536	#74-5384	#75-5568	#76-5415	#77-5722	#78-5564	#79-5670	#80-5261
#81-5270	#82-5647	#83-5518	#84-5460	#85-5645	#86-5404	#87-5474	#88-5265	#89-5700	#90-5603
#91-5630	#92-5540	#93-5584	#94-5597	#95-5370	#96-5443	#97-5724	#98-5319	#99-5380	#100-5432

Type 6 #12 [Back to Summary]

This table contains a list of 100 hop frequencies, randomly selected from 5250-5724MHz in 1MHz steps

#01-5398	#02-5680	#03-5522	#04-5588	#05-5676	#06-5319	#07-5275	#08-5432	#09-5658	#10-5705
#11-5602	#12-5656	#13-5692	#14-5663	#15-5270	#16-5653	#17-5455	#18-5576	#19-5722	#20-5336
#21-5657	#22-5479	#23-5278	#24-5598	#25-5387	#26-5512	#27-5443	#28-5279	#29-5670	#30-5578
#31-5378	#32-5371	#33-5516	#34-5312	#35-5689	#36-5308	#37-5541	#38-5523	#39-5675	#40-5421
#41-5697	#42-5560	#43-5664	#44-5629	#45-5431	#46-5422	#47-5321	#48-5281	#49-5626	#50-5294
#51-5499	#52-5643	#53-5652	#54-5648	#55-5450	#56-5414	#57-5600	#58-5720	#59-5486	#60-5329
#61-5577	#62-5481	#63-5390	#64-5606	#65-5601	#66-5306	#67-5595	#68-5639	#69-5303	#70-5301
#71-5385	#72-5507	#73-5442	#74-5459	#75-5608	#76-5261	#77-5582	#78-5599	#79-5714	#80-5346
#81-5469	#82-5472	#83-5562	#84-5393	#85-5286	#86-5384	#87-5340	#88-5358	#89-5320	#90-5659
#91-5617	#92-5707	#93-5513	#94-5272	#95-5555	#96-5366	#97-5674	#98-5702	#99-5575	#100-5633

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Title: Xirrus XR520H
To: FCC CFR 47 Part 15 Subpart E 15.407
Serial #: XIRR11-U3 DFS Rev A
Issue Date: 24th March 2015
Page: 122 of 128

Type 6 #13 [Back to Summary]

This table contains a list of 100 hop frequencies, randomly selected from 5250-5724MHz in 1MHz steps

#01-5262	#02-5386	#03-5460	#04-5715	#05-5716	#06-5531	#07-5588	#08-5387	#09-5611	#10-5340
#11-5480	#12-5261	#13-5642	#14-5294	#15-5457	#16-5269	#17-5461	#18-5549	#19-5669	#20-5705
#21-5430	#22-5551	#23-5614	#24-5476	#25-5670	#26-5585	#27-5431	#28-5466	#29-5398	#30-5290
#31-5368	#32-5619	#33-5564	#34-5256	#35-5393	#36-5348	#37-5552	#38-5456	#39-5542	#40-5297
#41-5527	#42-5420	#43-5595	#44-5703	#45-5347	#46-5714	#47-5374	#48-5282	#49-5594	#50-5452
#51-5435	#52-5497	#53-5724	#54-5489	#55-5295	#56-5407	#57-5646	#58-5462	#59-5299	#60-5361
#61-5367	#62-5328	#63-5469	#64-5451	#65-5442	#66-5317	#67-5499	#68-5613	#69-5504	#70-5337
#71-5708	#72-5305	#73-5325	#74-5607	#75-5333	#76-5409	#77-5640	#78-5335	#79-5275	#80-5364
#81-5484	#82-5629	#83-5302	#84-5606	#85-5298	#86-5620	#87-5560	#88-5477	#89-5365	#90-5303
#91-5517	#92-5483	#93-5621	#94-5630	#95-5647	#96-5648	#97-5345	#98-5563	#99-5656	#100-5266

Type 6 #14 [Back to Summary]

This table contains a list of 100 hop frequencies, randomly selected from 5250-5724MHz in 1MHz steps

#01-5433	#02-5695	#03-5313	#04-5324	#05-5527	#06-5303	#07-5384	#08-5275	#09-5342	#10-5691
#11-5355	#12-5614	#13-5412	#14-5398	#15-5485	#16-5450	#17-5717	#18-5669	#19-5585	#20-5593
#21-5251	#22-5533	#23-5373	#24-5436	#25-5463	#26-5486	#27-5716	#28-5420	#29-5654	#30-5523
#31-5432	#32-5535	#33-5446	#34-5332	#35-5543	#36-5699	#37-5506	#38-5343	#39-5339	#40-5686
#41-5550	#42-5378	#43-5655	#44-5265	#45-5499	#46-5405	#47-5619	#48-5571	#49-5712	#50-5549
#51-5431	#52-5664	#53-5612	#54-5314	#55-5542	#56-5392	#57-5580	#58-5418	#59-5647	#60-5616
#61-5329	#62-5316	#63-5666	#64-5475	#65-5624	#66-5492	#67-5503	#68-5290	#69-5707	#70-5720
#71-5448	#72-5467	#73-5284	#74-5676	#75-5445	#76-5500	#77-5387	#78-5264	#79-5644	#80-5604
#81-5336	#82-5278	#83-5689	#84-5675	#85-5483	#86-5382	#87-5455	#88-5288	#89-5660	#90-5518
#91-5393	#92-5671	#93-5307	#94-5391	#95-5430	#96-5356	#97-5590	#98-5540	#99-5650	#100-5565

Type 6 #15 [Back to Summary]

This table contains a list of 100 hop frequencies, randomly selected from 5250-5724MHz in 1MHz steps

#01-5377	#02-5466	#03-5452	#04-5366	#05-5666	#06-5676	#07-5396	#08-5312	#09-5389	#10-5595
#11-5448	#12-5541	#13-5270	#14-5492	#15-5574	#16-5514	#17-5467	#18-5512	#19-5457	#20-5283
#21-5526	#22-5615	#23-5255	#24-5620	#25-5442	#26-5493	#27-5598	#28-5464	#29-5659	#30-5705
#31-5413	#32-5398	#33-5275	#34-5643	#35-5395	#36-5641	#37-5252	#38-5647	#39-5719	#40-5566
#41-5286	#42-5400	#43-5254	#44-5325	#45-5351	#46-5491	#47-5599	#48-5624	#49-5580	#50-5404
#51-5613	#52-5327	#53-5333	#54-5616	#55-5288	#56-5486	#57-5460	#58-5557	#59-5648	#60-5423
#61-5328	#62-5657	#63-5408	#64-5432	#65-5300	#66-5515	#67-5346	#68-5658	#69-5545	#70-5518
#71-5722	#72-5376	#73-5610	#74-5654	#75-5519	#76-5619	#77-5699	#78-5608	#79-5505	#80-5341
#81-5335	#82-5314	#83-5384	#84-5605	#85-5634	#86-5430	#87-5420	#88-5724	#89-5546	#90-5488
#91-5354	#92-5272	#93-5571	#94-5618	#95-5700	#96-5497	#97-5527	#98-5617	#99-5318	#100-5534

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Title: Xirrus XR520H
To: FCC CFR 47 Part 15 Subpart E 15.407
Serial #: XIRR11-U3 DFS Rev A
Issue Date: 24th March 2015
Page: 123 of 128

Type 6 #16 [Back to Summary]

This table contains a list of 100 hop frequencies, randomly selected from 5250-5724MHz in 1MHz steps

#01-5442	#02-5619	#03-5637	#04-5600	#05-5530	#06-5288	#07-5696	#08-5528	#09-5354	#10-5298
#11-5597	#12-5316	#13-5346	#14-5710	#15-5381	#16-5471	#17-5437	#18-5477	#19-5341	#20-5546
#21-5377	#22-5617	#23-5353	#24-5289	#25-5286	#26-5468	#27-5700	#28-5371	#29-5421	#30-5685
#31-5613	#32-5273	#33-5526	#34-5490	#35-5692	#36-5283	#37-5624	#38-5277	#39-5267	#40-5383
#41-5306	#42-5400	#43-5504	#44-5521	#45-5315	#46-5569	#47-5276	#48-5340	#49-5420	#50-5525
#51-5497	#52-5562	#53-5251	#54-5534	#55-5561	#56-5494	#57-5545	#58-5720	#59-5406	#60-5658
#61-5337	#62-5709	#63-5293	#64-5363	#65-5616	#66-5503	#67-5403	#68-5577	#69-5684	#70-5518
#71-5678	#72-5719	#73-5510	#74-5380	#75-5345	#76-5330	#77-5515	#78-5501	#79-5688	#80-5531
#81-5488	#82-5408	#83-5446	#84-5281	#85-5586	#86-5450	#87-5693	#88-5415	#89-5460	#90-5701
#91-5676	#92-5661	#93-5567	#94-5565	#95-5703	#96-5608	#97-5321	#98-5414	#99-5581	#100-5301

Type 6 #17 [Back to Summary]

This table contains a list of 100 hop frequencies, randomly selected from 5250-5724MHz in 1MHz steps

#01-5253	#02-5391	#03-5589	#04-5311	#05-5577	#06-5546	#07-5622	#08-5517	#09-5582	#10-5556
#11-5377	#12-5344	#13-5681	#14-5447	#15-5372	#16-5487	#17-5342	#18-5518	#19-5593	#20-5512
#21-5299	#22-5514	#23-5451	#24-5427	#25-5572	#26-5393	#27-5673	#28-5496	#29-5523	#30-5329
#31-5460	#32-5324	#33-5552	#34-5395	#35-5376	#36-5420	#37-5416	#38-5525	#39-5597	#40-5396
#41-5668	#42-5368	#43-5369	#44-5551	#45-5403	#46-5705	#47-5370	#48-5442	#49-5465	#50-5516
#51-5527	#52-5318	#53-5251	#54-5464	#55-5664	#56-5412	#57-5463	#58-5434	#59-5598	#60-5375
#61-5719	#62-5502	#63-5345	#64-5303	#65-5536	#66-5320	#67-5677	#68-5542	#69-5646	#70-5446
#71-5355	#72-5331	#73-5600	#74-5419	#75-5413	#76-5553	#77-5304	#78-5307	#79-5538	#80-5658
#81-5484	#82-5394	#83-5636	#84-5480	#85-5674	#86-5591	#87-5273	#88-5497	#89-5611	#90-5418
#91-5489	#92-5698	#93-5606	#94-5350	#95-5620	#96-5319	#97-5294	#98-5270	#99-5295	#100-5321

Type 6 #18 [Back to Summary]

This table contains a list of 100 hop frequencies, randomly selected from 5250-5724MHz in 1MHz steps

#01-5662	#02-5689	#03-5412	#04-5525	#05-5282	#06-5391	#07-5409	#08-5447	#09-5316	#10-5480
#11-5482	#12-5648	#13-5576	#14-5406	#15-5528	#16-5308	#17-5353	#18-5532	#19-5719	#20-5503
#21-5539	#22-5636	#23-5564	#24-5302	#25-5402	#26-5410	#27-5498	#28-5566	#29-5622	#30-5441
#31-5267	#32-5392	#33-5477	#34-5321	#35-5262	#36-5626	#37-5586	#38-5696	#39-5578	#40-5277
#41-5615	#42-5292	#43-5328	#44-5468	#45-5373	#46-5427	#47-5473	#48-5464	#49-5515	#50-5524
#51-5433	#52-5486	#53-5276	#54-5516	#55-5507	#56-5275	#57-5375	#58-5360	#59-5597	#60-5618
#61-5567	#62-5550	#63-5599	#64-5463	#65-5340	#66-5420	#67-5504	#68-5393	#69-5627	#70-5446
#71-5381	#72-5678	#73-5692	#74-5613	#75-5496	#76-5558	#77-5345	#78-5653	#79-5700	#80-5661
#81-5284	#82-5301	#83-5347	#84-5258	#85-5506	#86-5366	#87-5685	#88-5712	#89-5500	#90-5475
#91-5573	#92-5706	#93-5384	#94-5298	#95-5467	#96-5453	#97-5255	#98-5256	#99-5693	#100-5320

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Title: Xirrus XR520H
To: FCC CFR 47 Part 15 Subpart E 15.407
Serial #: XIRR11-U3 DFS Rev A
Issue Date: 24th March 2015
Page: 124 of 128

Type 6 #19 [Back to Summary]

This table contains a list of 100 hop frequencies, randomly selected from 5250-5724MHz in 1MHz steps

#01-5613	#02-5327	#03-5302	#04-5532	#05-5308	#06-5628	#07-5260	#08-5441	#09-5279	#10-5431
#11-5398	#12-5660	#13-5584	#14-5515	#15-5452	#16-5591	#17-5681	#18-5699	#19-5459	#20-5689
#21-5406	#22-5376	#23-5696	#24-5697	#25-5558	#26-5565	#27-5355	#28-5340	#29-5621	#30-5693
#31-5688	#32-5412	#33-5269	#34-5680	#35-5698	#36-5307	#37-5529	#38-5520	#39-5471	#40-5293
#41-5425	#42-5295	#43-5524	#44-5507	#45-5264	#46-5586	#47-5298	#48-5522	#49-5253	#50-5638
#51-5486	#52-5356	#53-5494	#54-5559	#55-5475	#56-5313	#57-5705	#58-5335	#59-5663	#60-5535
#61-5429	#62-5692	#63-5620	#64-5353	#65-5433	#66-5635	#67-5707	#68-5641	#69-5401	#70-5410
#71-5610	#72-5630	#73-5652	#74-5357	#75-5283	#76-5265	#77-5292	#78-5562	#79-5420	#80-5299
#81-5651	#82-5637	#83-5436	#84-5389	#85-5556	#86-5719	#87-5548	#88-5435	#89-5482	#90-5720
#91-5328	#92-5629	#93-5404	#94-5675	#95-5315	#96-5392	#97-5370	#98-5568	#99-5278	#100-5581

Type 6 #20 [Back to Summary]

This table contains a list of 100 hop frequencies, randomly selected from 5250-5724MHz in 1MHz steps

#01-5428	#02-5386	#03-5632	#04-5442	#05-5255	#06-5690	#07-5566	#08-5621	#09-5698	#10-5258
#11-5252	#12-5570	#13-5426	#14-5520	#15-5449	#16-5568	#17-5335	#18-5407	#19-5586	#20-5425
#21-5347	#22-5419	#23-5362	#24-5573	#25-5378	#26-5628	#27-5433	#28-5543	#29-5701	#30-5420
#31-5300	#32-5370	#33-5271	#34-5319	#35-5459	#36-5299	#37-5481	#38-5364	#39-5713	#40-5582
#41-5593	#42-5636	#43-5509	#44-5711	#45-5325	#46-5308	#47-5702	#48-5286	#49-5476	#50-5472
#51-5307	#52-5687	#53-5706	#54-5577	#55-5483	#56-5259	#57-5274	#58-5313	#59-5351	#60-5506
#61-5273	#62-5644	#63-5528	#64-5683	#65-5606	#66-5549	#67-5357	#68-5311	#69-5399	#70-5336
#71-5695	#72-5418	#73-5253	#74-5557	#75-5436	#76-5635	#77-5376	#78-5497	#79-5320	#80-5651
#81-5397	#82-5316	#83-5479	#84-5363	#85-5337	#86-5389	#87-5561	#88-5275	#89-5422	#90-5612
#91-5569	#92-5716	#93-5277	#94-5443	#95-5484	#96-5595	#97-5700	#98-5326	#99-5385	#100-5518

Type 6 #21 [Back to Summary]

This table contains a list of 100 hop frequencies, randomly selected from 5250-5724MHz in 1MHz steps

#01-5702	#02-5270	#03-5296	#04-5348	#05-5623	#06-5535	#07-5718	#08-5425	#09-5359	#10-5682
#11-5414	#12-5415	#13-5596	#14-5467	#15-5380	#16-5521	#17-5586	#18-5374	#19-5638	#20-5645
#21-5531	#22-5652	#23-5712	#24-5445	#25-5654	#26-5304	#27-5561	#28-5306	#29-5422	#30-5714
#31-5344	#32-5277	#33-5543	#34-5411	#35-5398	#36-5514	#37-5350	#38-5376	#39-5611	#40-5436
#41-5691	#42-5612	#43-5551	#44-5540	#45-5406	#46-5701	#47-5354	#48-5323	#49-5363	#50-5677
#51-5471	#52-5300	#53-5282	#54-5576	#55-5419	#56-5524	#57-5481	#58-5407	#59-5369	#60-5661
#61-5692	#62-5320	#63-5387	#64-5302	#65-5706	#66-5257	#67-5485	#68-5722	#69-5276	#70-5588
#71-5686	#72-5349	#73-5618	#74-5666	#75-5327	#76-5456	#77-5707	#78-5308	#79-5287	#80-5597
#81-5556	#82-5361	#83-5365	#84-5662	#85-5656	#86-5624	#87-5317	#88-5279	#89-5480	#90-5403
#91-5372	#92-5316	#93-5603	#94-5679	#95-5444	#96-5552	#97-5617	#98-5338	#99-5658	#100-5683

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Title: Xirrus XR520H
To: FCC CFR 47 Part 15 Subpart E 15.407
Serial #: XIRR11-U3 DFS Rev A
Issue Date: 24th March 2015
Page: 125 of 128

Type 6 #22 [Back to Summary]

This table contains a list of 100 hop frequencies, randomly selected from 5250-5724MHz in 1MHz steps

#01-5306	#02-5583	#03-5404	#04-5675	#05-5386	#06-5603	#07-5655	#08-5448	#09-5526	#10-5471
#11-5670	#12-5590	#13-5319	#14-5554	#15-5395	#16-5621	#17-5688	#18-5276	#19-5656	#20-5429
#21-5387	#22-5685	#23-5562	#24-5407	#25-5334	#26-5640	#27-5430	#28-5332	#29-5402	#30-5284
#31-5663	#32-5272	#33-5432	#34-5704	#35-5599	#36-5718	#37-5700	#38-5674	#39-5401	#40-5714
#41-5282	#42-5601	#43-5608	#44-5699	#45-5507	#46-5722	#47-5298	#48-5533	#49-5547	#50-5588
#51-5478	#52-5545	#53-5346	#54-5270	#55-5721	#56-5591	#57-5422	#58-5573	#59-5295	#60-5492
#61-5532	#62-5647	#63-5340	#64-5679	#65-5645	#66-5264	#67-5345	#68-5505	#69-5440	#70-5355
#71-5333	#72-5551	#73-5643	#74-5381	#75-5523	#76-5579	#77-5421	#78-5322	#79-5408	#80-5503
#81-5698	#82-5435	#83-5391	#84-5711	#85-5359	#86-5325	#87-5302	#88-5349	#89-5631	#90-5344
#91-5626	#92-5495	#93-5288	#94-5439	#95-5262	#96-5316	#97-5539	#98-5289	#99-5552	#100-5290

Type 6 #23 [Back to Summary]

This table contains a list of 100 hop frequencies, randomly selected from 5250-5724MHz in 1MHz steps

#01-5299	#02-5441	#03-5321	#04-5459	#05-5307	#06-5453	#07-5656	#08-5425	#09-5428	#10-5666
#11-5635	#12-5526	#13-5298	#14-5369	#15-5699	#16-5603	#17-5380	#18-5451	#19-5262	#20-5287
#21-5391	#22-5677	#23-5572	#24-5552	#25-5688	#26-5640	#27-5694	#28-5491	#29-5632	#30-5415
#31-5293	#32-5607	#33-5663	#34-5341	#35-5519	#36-5288	#37-5591	#38-5719	#39-5621	#40-5644
#41-5685	#42-5641	#43-5585	#44-5350	#45-5714	#46-5319	#47-5437	#48-5408	#49-5562	#50-5540
#51-5253	#52-5488	#53-5473	#54-5344	#55-5537	#56-5687	#57-5658	#58-5521	#59-5501	#60-5613
#61-5277	#62-5587	#63-5681	#64-5574	#65-5661	#66-5386	#67-5554	#68-5367	#69-5439	#70-5717
#71-5655	#72-5692	#73-5651	#74-5625	#75-5444	#76-5256	#77-5455	#78-5316	#79-5659	#80-5434
#81-5281	#82-5539	#83-5684	#84-5624	#85-5334	#86-5710	#87-5405	#88-5433	#89-5278	#90-5557
#91-5487	#92-5283	#93-5469	#94-5351	#95-5272	#96-5257	#97-5503	#98-5611	#99-5443	#100-5496

Type 6 #24 [Back to Summary]

This table contains a list of 100 hop frequencies, randomly selected from 5250-5724MHz in 1MHz steps

#01-5542	#02-5665	#03-5481	#04-5610	#05-5312	#06-5454	#07-5327	#08-5495	#09-5407	#10-5686
#11-5653	#12-5497	#13-5543	#14-5371	#15-5302	#16-5486	#17-5469	#18-5274	#19-5381	#20-5283
#21-5533	#22-5627	#23-5384	#24-5350	#25-5617	#26-5405	#27-5351	#28-5269	#29-5708	#30-5447
#31-5538	#32-5298	#33-5716	#34-5510	#35-5722	#36-5393	#37-5448	#38-5675	#39-5506	#40-5328
#41-5663	#42-5596	#43-5559	#44-5651	#45-5705	#46-5372	#47-5511	#48-5512	#49-5478	#50-5479
#51-5410	#52-5687	#53-5640	#54-5530	#55-5718	#56-5631	#57-5352	#58-5308	#59-5684	#60-5397
#61-5604	#62-5374	#63-5342	#64-5270	#65-5324	#66-5600	#67-5679	#68-5595	#69-5281	#70-5513
#71-5515	#72-5356	#73-5621	#74-5660	#75-5309	#76-5544	#77-5555	#78-5547	#79-5331	#80-5463
#81-5262	#82-5455	#83-5293	#84-5403	#85-5401	#86-5636	#87-5254	#88-5618	#89-5581	#90-5338
#91-5418	#92-5491	#93-5404	#94-5603	#95-5341	#96-5609	#97-5267	#98-5590	#99-5611	#100-5706

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Title: Xirrus XR520H
To: FCC CFR 47 Part 15 Subpart E 15.407
Serial #: XIRR11-U3 DFS Rev A
Issue Date: 24th March 2015
Page: 126 of 128

Type 6 #25 [Back to Summary]

This table contains a list of 100 hop frequencies, randomly selected from 5250-5724MHz in 1MHz steps

#01-5411	#02-5314	#03-5274	#04-5337	#05-5310	#06-5675	#07-5460	#08-5292	#09-5545	#10-5330
#11-5540	#12-5280	#13-5447	#14-5658	#15-5443	#16-5369	#17-5561	#18-5352	#19-5585	#20-5514
#21-5532	#22-5278	#23-5418	#24-5630	#25-5665	#26-5350	#27-5456	#28-5446	#29-5396	#30-5569
#31-5615	#32-5421	#33-5584	#34-5612	#35-5360	#36-5619	#37-5304	#38-5407	#39-5539	#40-5518
#41-5338	#42-5676	#43-5373	#44-5406	#45-5521	#46-5622	#47-5489	#48-5678	#49-5279	#50-5508
#51-5542	#52-5442	#53-5603	#54-5285	#55-5581	#56-5432	#57-5370	#58-5574	#59-5254	#60-5570
#61-5348	#62-5695	#63-5390	#64-5276	#65-5324	#66-5356	#67-5482	#68-5666	#69-5298	#70-5427
#71-5700	#72-5263	#73-5466	#74-5506	#75-5553	#76-5558	#77-5682	#78-5493	#79-5367	#80-5311
#81-5322	#82-5703	#83-5705	#84-5302	#85-5653	#86-5498	#87-5454	#88-5403	#89-5693	#90-5419
#91-5404	#92-5706	#93-5708	#94-5379	#95-5516	#96-5257	#97-5724	#98-5365	#99-5467	#100-5590

Type 6 #26 [Back to Summary]

This table contains a list of 100 hop frequencies, randomly selected from 5250-5724MHz in 1MHz steps

#01-5344	#02-5364	#03-5651	#04-5586	#05-5271	#06-5420	#07-5613	#08-5580	#09-5540	#10-5633
#11-5317	#12-5297	#13-5303	#14-5451	#15-5275	#16-5418	#17-5568	#18-5273	#19-5256	#20-5511
#21-5484	#22-5522	#23-5378	#24-5356	#25-5291	#26-5675	#27-5493	#28-5280	#29-5575	#30-5682
#31-5486	#32-5365	#33-5641	#34-5252	#35-5637	#36-5433	#37-5707	#38-5330	#39-5564	#40-5588
#41-5322	#42-5332	#43-5353	#44-5463	#45-5530	#46-5699	#47-5644	#48-5617	#49-5341	#50-5460
#51-5558	#52-5604	#53-5457	#54-5640	#55-5379	#56-5662	#57-5336	#58-5510	#59-5308	#60-5360
#61-5536	#62-5704	#63-5345	#64-5535	#65-5272	#66-5505	#67-5385	#68-5290	#69-5650	#70-5254
#71-5647	#72-5411	#73-5606	#74-5296	#75-5552	#76-5394	#77-5519	#78-5361	#79-5683	#80-5590
#81-5343	#82-5374	#83-5286	#84-5598	#85-5429	#86-5517	#87-5578	#88-5392	#89-5477	#90-5328
#91-5264	#92-5520	#93-5367	#94-5720	#95-5676	#96-5388	#97-5481	#98-5300	#99-5266	#100-5635

Type 6 #27 [Back to Summary]

This table contains a list of 100 hop frequencies, randomly selected from 5250-5724MHz in 1MHz steps

#01-5443	#02-5496	#03-5411	#04-5637	#05-5551	#06-5518	#07-5542	#08-5398	#09-5349	#10-5494
#11-5510	#12-5610	#13-5695	#14-5499	#15-5399	#16-5326	#17-5592	#18-5437	#19-5507	#20-5502
#21-5569	#22-5397	#23-5500	#24-5603	#25-5435	#26-5567	#27-5697	#28-5451	#29-5539	#30-5465
#31-5463	#32-5568	#33-5352	#34-5268	#35-5605	#36-5276	#37-5599	#38-5659	#39-5654	#40-5639
#41-5285	#42-5260	#43-5488	#44-5470	#45-5527	#46-5312	#47-5613	#48-5587	#49-5277	#50-5489
#51-5316	#52-5295	#53-5420	#54-5635	#55-5283	#56-5366	#57-5368	#58-5699	#59-5425	#60-5623
#61-5679	#62-5533	#63-5482	#64-5656	#65-5296	#66-5307	#67-5712	#68-5632	#69-5483	#70-5290
#71-5490	#72-5365	#73-5287	#74-5653	#75-5563	#76-5677	#77-5561	#78-5522	#79-5357	#80-5571
#81-5634	#82-5480	#83-5684	#84-5478	#85-5266	#86-5330	#87-5689	#88-5680	#89-5640	#90-5254
#91-5626	#92-5426	#93-5369	#94-5647	#95-5402	#96-5537	#97-5379	#98-5395	#99-5643	#100-5328

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Title: Xirrus XR520H
To: FCC CFR 47 Part 15 Subpart E 15.407
Serial #: XIRR11-U3 DFS Rev A
Issue Date: 24th March 2015
Page: 127 of 128

Type 6 #28 [Back to Summary]

This table contains a list of 100 hop frequencies, randomly selected from 5250-5724MHz in 1MHz steps

#01-5440	#02-5659	#03-5515	#04-5309	#05-5252	#06-5583	#07-5696	#08-5334	#09-5383	#10-5364
#11-5675	#12-5390	#13-5501	#14-5401	#15-5607	#16-5410	#17-5466	#18-5684	#19-5525	#20-5372
#21-5363	#22-5534	#23-5630	#24-5661	#25-5500	#26-5317	#27-5639	#28-5719	#29-5710	#30-5527
#31-5687	#32-5653	#33-5555	#34-5290	#35-5274	#36-5688	#37-5681	#38-5328	#39-5356	#40-5708
#41-5406	#42-5365	#43-5304	#44-5485	#45-5649	#46-5693	#47-5289	#48-5716	#49-5320	#50-5420
#51-5594	#52-5483	#53-5680	#54-5326	#55-5375	#56-5609	#57-5476	#58-5307	#59-5339	#60-5397
#61-5562	#62-5713	#63-5462	#64-5670	#65-5360	#66-5582	#67-5447	#68-5510	#69-5606	#70-5419
#71-5426	#72-5542	#73-5682	#74-5418	#75-5576	#76-5349	#77-5599	#78-5253	#79-5342	#80-5600
#81-5689	#82-5624	#83-5558	#84-5565	#85-5650	#86-5465	#87-5258	#88-5528	#89-5316	#90-5273
#91-5703	#92-5432	#93-5519	#94-5535	#95-5538	#96-5425	#97-5306	#98-5388	#99-5368	#100-5282

Type 6 #29 [Back to Summary]

This table contains a list of 100 hop frequencies, randomly selected from 5250-5724MHz in 1MHz steps

#01-5671	#02-5625	#03-5416	#04-5433	#05-5336	#06-5483	#07-5455	#08-5620	#09-5292	#10-5320
#11-5396	#12-5683	#13-5368	#14-5676	#15-5280	#16-5579	#17-5501	#18-5327	#19-5673	#20-5615
#21-5510	#22-5403	#23-5597	#24-5491	#25-5417	#26-5459	#27-5354	#28-5543	#29-5642	#30-5363
#31-5462	#32-5570	#33-5667	#34-5296	#35-5612	#36-5675	#37-5398	#38-5467	#39-5378	#40-5500
#41-5322	#42-5420	#43-5705	#44-5632	#45-5435	#46-5473	#47-5400	#48-5583	#49-5508	#50-5529
#51-5310	#52-5316	#53-5497	#54-5518	#55-5277	#56-5649	#57-5265	#58-5602	#59-5637	#60-5703
#61-5654	#62-5550	#63-5314	#64-5329	#65-5431	#66-5284	#67-5423	#68-5542	#69-5340	#70-5422
#71-5690	#72-5306	#73-5668	#74-5308	#75-5495	#76-5321	#77-5558	#78-5401	#79-5601	#80-5523
#81-5343	#82-5648	#83-5451	#84-5372	#85-5410	#86-5441	#87-5300	#88-5298	#89-5609	#90-5458
#91-5328	#92-5519	#93-5429	#94-5389	#95-5362	#96-5721	#97-5498	#98-5406	#99-5345	#100-5312

Type 6 #30 [Back to Summary]

This table contains a list of 100 hop frequencies, randomly selected from 5250-5724MHz in 1MHz steps

#01-5593	#02-5322	#03-5543	#04-5607	#05-5602	#06-5631	#07-5346	#08-5432	#09-5400	#10-5388
#11-5523	#12-5695	#13-5406	#14-5682	#15-5558	#16-5421	#17-5301	#18-5382	#19-5623	#20-5372
#21-5641	#22-5459	#23-5704	#24-5701	#25-5580	#26-5657	#27-5312	#28-5289	#29-5403	#30-5353
#31-5367	#32-5723	#33-5585	#34-5604	#35-5379	#36-5489	#37-5532	#38-5535	#39-5679	#40-5591
#41-5320	#42-5530	#43-5548	#44-5273	#45-5431	#46-5662	#47-5665	#48-5670	#49-5365	#50-5508
#51-5698	#52-5396	#53-5422	#54-5587	#55-5564	#56-5630	#57-5271	#58-5699	#59-5284	#60-5393
#61-5722	#62-5285	#63-5697	#64-5545	#65-5327	#66-5428	#67-5464	#68-5536	#69-5575	#70-5338
#71-5418	#72-5299	#73-5687	#74-5389	#75-5424	#76-5557	#77-5475	#78-5374	#79-5348	#80-5457
#81-5712	#82-5583	#83-5274	#84-5439	#85-5516	#86-5368	#87-5510	#88-5560	#89-5645	#90-5448
#91-5462	#92-5452	#93-5354	#94-5483	#95-5451	#96-5384	#97-5515	#98-5419	#99-5460	#100-5390

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