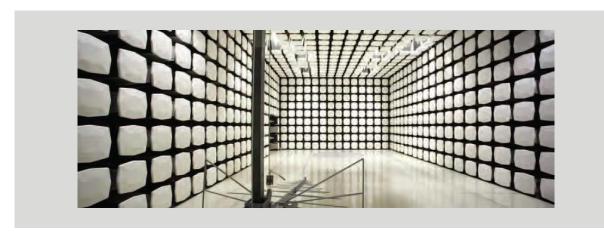


Logic PD, Inc.

Zoll R-Series Data Comm II C2PC

FCC 15.247:2021 802.11bgn

Report: LGPD0258.1, Issue Date: June 25, 2021







NVLAP LAB CODE: 200881-0

CERTIFICATE OF TEST



Last Date of Test: May 24, 2021 Logic PD, Inc. EUT:Zoll R-Series Data Comm II C2PC

Radio Equipment Testing

Standards

Specification	Method
FCC 15.247:2021	ANSI C63.10:2013, KDB 558074

Results

Nesuits					
Method Clause	Test Description	Applied	Results	Comments	
6.2	Powerline Conducted Emissions	No	N/A	Not required for a C2PC related to part substitution of an oscillator	
11.6	Duty Cycle	Yes	Pass		
11.8.2	Occupied Bandwidth	Yes	Pass		
11.9.2.2.4	Output Power	Yes	Pass		
11.9.2.2.4	Equivalent Isotropic Radiated Power	Yes	Pass		
11.10.2	Power Spectral Density	No	N/A	Not required for a C2PC related to part substitution of an oscillator	
11.11	Band Edge Compliance	No	N/A	Not required for a C2PC related to part substitution of an oscillator	
11.11	Spurious Conducted Emissions	No	N/A	Not required for a C2PC related to part substitution of an oscillator	
11.12.1, 11.13.2, 6.5, 6.6	Spurious Radiated Emissions	Yes	Pass		

Deviations From Test Standards

None

Approved By:

Eric Brandon, Department Manager

Product compliance is the responsibility of the client; therefore, the tests and equipment modes of operation represented in this report were agreed upon by the client, prior to testing. The results of this test pertain only to the sample(s) tested. The specific description is noted in each of the individual sections of the test report supporting this certificate of test. This report reflects only those tests from the referenced standards shown in the certificate of test. It does not include inspection or verification of labels, identification, marking or user information. As indicated in the Statement of Work sent with the quotation, Element's standard process is to always use the latest published version of the test methods even when earlier versions are cited in the test specification. Issuance of a purchase order was de facto acceptance of this approach. Otherwise, the client would have advised Element in writing of the specific version of the test methods they wanted applied to the subject testing.

REVISION HISTORY



Revision Number	Description	Date (yyyy-mm-dd)	Page Number
00	None		

ACCREDITATIONS AND AUTHORIZATIONS



United States

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

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

NVLAP - Each laboratory is accredited by NVLAP to ISO 17025

Canada

ISED - Recognized by Innovation, Science and Economic Development Canada as a Certification Body (CB) and as a CAB for the acceptance of test data.

European Union

European Commission - Recognized as an EU Notified Body validated for the EMCD and RED Directives.

United Kingdom

BEIS - Recognized by the UK as an Approved Body under the UK Radio Equipment and UK EMC Regulations.

Australia/New Zealand

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

Korea

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

Japan

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

Taiwan

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

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

Singapore

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

Israel

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

Hong Kong

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

Vietnam

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

SCOPE

For details on the Scopes of our Accreditations, please visit: https://www.nwemc.com/emc-testing-accreditations

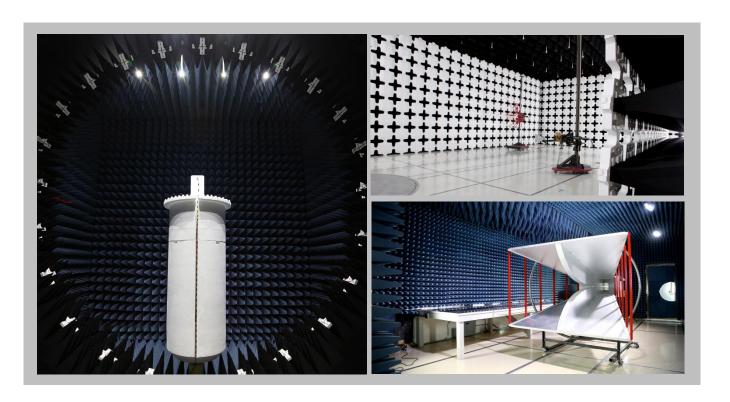
FACILITIES







California Labs OC01-17 41 Tesla Irvine, CA 92618 (949) 861-8918	Minnesota Labs MN01-11 9349 W Broadway Ave. Brooklyn Park, MN 55445 (612)-638-5136	Oregon Labs EV01-12 6775 NE Evergreen Pkwy #400 Hillsboro, OR 97124 (503) 844-4066	Texas Labs TX01-09 3801 E Plano Pkwy Plano, TX 75074 (469) 304-5255	Washington Labs NC01-05 19201 120 th Ave NE Bothell, WA 98011 (425)984-6600		
		NVLAP				
NVLAP Lab Code: 200676-0	NVLAP Lab Code: 200881-0	NVLAP Lab Code: 200630-0	NVLAP Lab Code:201049-0	NVLAP Lab Code: 200629-0		
	Innovation, Sci	ence and Economic Develop	ment Canada			
2834B-1, 2834B-3	2834E-1, 2834E-3	2834D-1	2834G-1	2834F-1		
		BSMI				
SL2-IN-E-1154R	SL2-IN-E-1152R	SL2-IN-E-1017	SL2-IN-E-1158R	SL2-IN-E-1153R		
	VCCI					
A-0029	A-0109	A-0108	A-0201	A-0110		
Recognized Phase I CAB for ISED, ACMA, BSMI, IDA, KCC/RRA, MIC, MOC, NCC, OFCA						
US0158	US0175	US0017	US0191	US0157		



MEASUREMENT UNCERTAINTY



Measurement Uncertainty

When a measurement is made, the result will be different from the true or theoretically correct value. The difference is the result of tolerances in the measurement system that cannot be completely eliminated. To the extent that technology allows us, it has been our aim to minimize this error. Measurement uncertainty is a statistical expression of measurement error qualified by a probability distribution.

A measurement uncertainty estimation has been performed for each test per our internal quality document QM205.4.6. The estimation is used to compare the measured result with its "true" or theoretically correct value. The expanded measurement uncertainty (K=2) can be found in the table below. A lab specific value may also be found in the applicable test description section. Our measurement data meets or exceeds the measurement uncertainty requirements of the applicable specification; therefore, the test data can be compared directly to the specification limit to determine compliance. The calculations for estimating measurement uncertainty are based upon ETSI TR 100 028 (or CISPR 16-4-2 as applicable), and are available upon request.

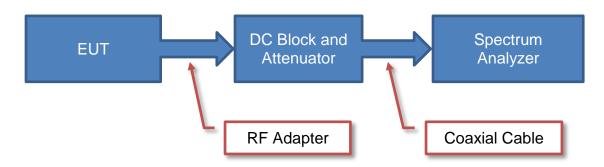
The following table represents the Measurement Uncertainty (MU) budgets for each of the tests that may be contained in this report.

Test	+ MU	- MU
Frequency Accuracy	0.0007%	-0.0007%
Amplitude Accuracy (dB)	1.2 dB	-1.2 dB
Conducted Power (dB)	1.2 dB	-1.2 dB
Radiated Power via Substitution (dB)	0.7 dB	-0.7 dB
Temperature (degrees C)	0.7°C	-0.7°C
Humidity (% RH)	2.5% RH	-2.5% RH
Voltage (AC)	1.0%	-1.0%
Voltage (DC)	0.7%	-0.7%
Field Strength (dB)	5.2 dB	-5.2 dB
AC Powerline Conducted Emissions (dB)	2.6 dB	-2.6 dB

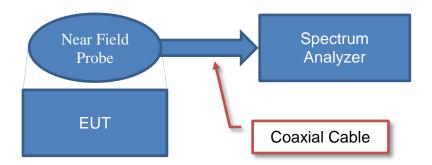
Test Setup Block Diagrams



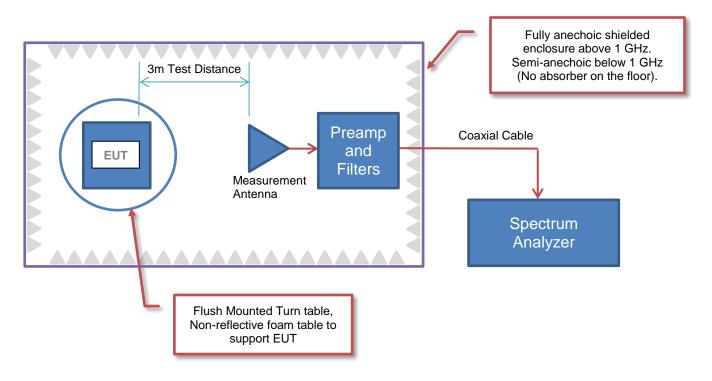
Antenna Port Conducted Measurements



Near Field Test Fixture Measurements



Spurious Radiated Emissions

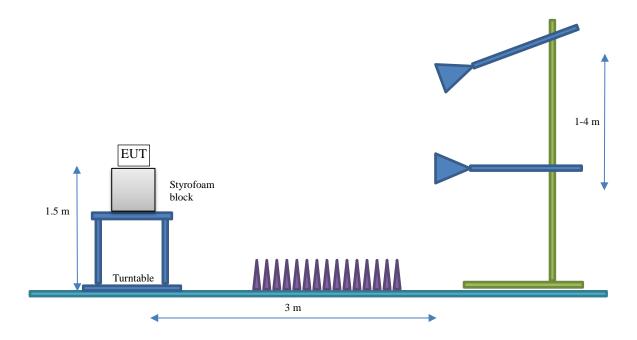


Test Setup Block Diagrams



Bore Sighting (>1GHz)

The diameter of the illumination area is the dimension of the line tangent to the EUT formed by 3 dB beamwidth of the measurement antenna at the measurement distance. At a 3 meter test distance, the diameter of the illumination area was 3.8 meters at 1 GHz and greater than 2.1 meters up to 6 GHz. Above 1 GHz, when required by the measurement standard, the antenna is pointed for both azimuth and elevation to maintain the receive antenna within the cone of radiation from the EUT. The specified measurement detectors were used for comparison of the emissions to the peak and average specification limits.



PRODUCT DESCRIPTION



Client and Equipment Under Test (EUT) Information

Company Name:	Logic PD, Inc.
Address:	6201 Bury Drive
City, State, Zip:	Eden Prairie, MN 55346
Test Requested By:	Eric Fritz
EUT:	Zoll R-Series Data Comm II C2PC
First Date of Test:	May 4, 2021
Last Date of Test:	May 24, 2021
Receipt Date of Samples:	May 3, 2021
Equipment Design Stage:	Production
Equipment Condition:	No Damage
Purchase Authorization:	Verified

Information Provided by the Party Requesting the Test

Functional Description of the EUT:	
Zoll R-Series Data Comm II - C2PC due to FOL oscillator change	

Testing Objective:

To demonstrate compliance of the 802.11 radio under FCC 15.247 for operation in the 2.4 GHz band.

POWER SETTINGS AND ANTENNAS



The power settings, antenna gain value(s) and cable loss (if applicable) used for the testing contained in this report were provided by the customer and will affect the validity of the results. Element assumes no responsibility for the accuracy of this information.

ANTENNA GAIN (dBi)

Type	Provided by:	Frequency Range (MHz)	Gain (dBi)
Trace	Test Lab Photo	2412-2462	1.24

POWER SETTINGS

Radio	Modulation	Channel	Power Setting (hex)
802.11(bgn)	1 Mbps, 6 Mbps, 11 Mbps, 36 Mbps, 54 Mbps, MCS0, MCS7	Ch. 1 (2412 MHz)	0x1A
802.11(bgn)	1 Mbps, 6 Mbps, 11 Mbps, 36 Mbps, 54 Mbps, MCS0, MCS7	Ch. 6 (2437 MHz)	0x24
802.11(bgn)	1 Mbps, 6 Mbps, 11 Mbps, 36 Mbps, 54 Mbps, MCS0, MCS7	Ch. 11 (2462 MHz)	0x1E

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MODIFICATIONS



Equipment Modifications

Item	Date	Test	Modification	Note	Disposition of EUT
1	2021-05-04	Spurious Radiated Emissions	Tested as delivered to the Test Station.	No EMI suppression devices were added or modified during this test.	EUT remained at Element following the test.
2	2021-05-12	Duty Cycle	Tested as delivered to the Test Station.	No EMI suppression devices were added or modified during this test.	EUT remained at Element following the test.
3	2021-05-12	Output Power	Tested as delivered to the Test Station.	No EMI suppression devices were added or modified during this test.	EUT remained at Element following the test.
4	2021-05-12	Equivalent Isotropic Radiated Power	Tested as delivered to the Test Station.	No EMI suppression devices were added or modified during this test.	EUT remained at Element following the test.
5	2020-05-24	Occupied Bandwidth	Tested as delivered to the Test Station.	No EMI suppression devices were added or modified during this test.	Scheduled testing was completed.

Report No. LGPD0258.1 11/84

CONFIGURATIONS



Configuration LGPD0258- 2

EUT				
Description	Manufacturer	Model/Part Number	Serial Number	
Wireless Module	Zoll International Holding B.V	Zoll R-Series Data Comm II C2PC	LB211400035	

Peripherals in test setup boundary					
Description Manufacturer Model/Part Number Serial Number					
CF Breakout Board	Sycard	CFextend 160B	None		
Serial Breakout Board	Logic PD Inc	None	None		
DC Power Supply	MPJA	None	None		

Remote Equipment Outsid	de of Test Setup Bo	undary	
Description	Manufacturer	Model/Part Number	Serial Number
Laptop Computer	Dell	Lattitude E6420/VVF52 A00	5NZR5Q1
Laptop Power Supply	Dell	DA90PS1-00	None

Cables					
Cable Type	Shield	Length (m)	Ferrite	Connection 1	Connection 2
AC Power	No	1.7m	No	AC Mains	DC Power Supply
DC Power	No	1.6m	No	DC Power Supply	CF Breakout Board
Ribbon Cable	No	0.05m	No	Wireless Module	Serial Breakout Board
AC Power	No	1.8m	No	AC Mains	Laptop Power Supply
DC Power	Unknown	1.7m	Yes	Laptop Power Supply	Laptop Computer
Serial Cable	Yes	1.7m	No	Serial Breakout Board	Serial to USB Adapter Cable
Serial to USB Adapter Cable	Yes	1.7m	No	Serial Cable	Laptop Computer

Report No. LGPD0258.1 12/84

CONFIGURATIONS



Configuration LGPD0258-3

EUT			
Description	Manufacturer	Model/Part Number	Serial Number
Wireless Module	Zoll International Holding B.V	Zoll R-Series Data Comm II C2PC	LB211400035

Peripherals in test setup bou	indary		
Description	Manufacturer	Model/Part Number	Serial Number
CF Breakout Board	Sycard	CFextend 160B	None
Serial Breakout Board	Logic PD Inc	None	None
DC Power Supply	MPJA	None	None

Remote Equipment Outside	de of Test Setup Bo	undary	
Description	Manufacturer	Model/Part Number	Serial Number
Laptop Computer	Dell	Lattitude E6420/VVF52 A00	5NZR5Q1
Laptop Power Supply	Dell	DA90PS1-00	None

Cables					
Cable Type	Shield	Length (m)	Ferrite	Connection 1	Connection 2
AC Power	No	1.7m	No	AC Mains	DC Power Supply
DC Power	No	1.6m	No	DC Power Supply	CF Breakout Board
Ribbon Cable	No	0.05m	No	Wireless Module	Serial Breakout Board
AC Power	No	1.8m	No	AC Mains	Laptop Power Supply
DC Power	Unknown	1.7m	Yes	Laptop Power Supply	Laptop Computer
Serial to USB Adapter Cable	Yes	1.7m	No	Serial Cable	Laptop Computer
Serial Cable (long)	No	>3m	No	Serial Breakout Board	Serial to USB Adapter Cable

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XMit 2020.12.30

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

TEST EQUIPMENT

Description	Manufacturer	Model	ID	Last Cal.	Cal. Due
Block - DC	Fairview Microwave	SD3379	AMZ	2020-11-04	2021-11-04
Attenuator	Fairview Microwave	18B5W-26	RFY	2020-06-03	2021-06-03
Generator - Signal	Agilent	N5183A	TIK	2019-04-30	2022-04-30
Analyzer - Spectrum Analyzer	Keysight	N9010A	AFM	2021-04-16	2022-04-16
Cable	Micro-Coax	UFD150A-1-0720-200200	MNL	2020-09-14	2021-09-14

TEST DESCRIPTION

The Duty Cycle (x) of the single channel operation of the radio as controlled by the provided test software was measured for each of the EUT operating modes.

There is no compliance requirement to be met by this test, so therefore no Pass / Fail criteria.

The measurements were made using a zero span on the spectrum analyzer to see the pulses in the time domain. The transmit power was set to its default maximum.

The duty cycle was calculated by dividing the transmission pulse duration (T) by the total period of a single on and total off time.

If the transmit duty cycle < 98 percent, burst gating may have been used during some of the other tests in this report to only take the measurement during the burst duration.

802.11(n) MCS0 802.11(n) MCS7

802.11(n) MCS7



N/A

N/A

N/A

15/84

EUT: Zoll R-Series Data Comm II C2PC Serial Number: LB211400035 Work Order: LGPD0258
Date: 12-May-21
Temperature: 21.5 °C Customer: Logic PD, Inc. Humidity: 21.8% RH Barometric Pres.: 1029 mbar Project: None
Tested by: Andrew Rogstad
TEST SPECIFICATIONS Power: 3.7VDC Test Method Job Site: MN08 FCC 15.247:2021 ANSI C63.10:2013 COMMENTS DEVIATIONS FROM TEST STANDARD Last Configuration # 2 a Signature lumber of Pulses (%) Result (%) (ms) (ms) 2400-2483.5 MHz Band Low channel 1, 2412 MHz 802.11(b) 1 Mbps 8.60 8.63 N/A 99.64 N/A N/A N/A N/A 802.11(b) 1 Mbps N/A N/A N/A 802.11(b) 11 Mbps 0.85 0.89 95.73 N/A N/A N/A 5 N/A 802.11(b) 11 Mbps N/A N/A N/A N/A N/A 802.11(g) 6 Mbps 1.42 1.46 97.12 N/A N/A 802.11(g) 6 Mbps 802.11(g) 36 Mbps N/A 0.25 N/A 0.29 6 N/A N/A N/A N/A N/A N/A 86.18 802.11(g) 36 Mbps 802.11(g) 54 Mbps 6 N/A N/A N/A N/A N/A N/A 0.17 0.21 79.60 N/A N/A 802.11(g) 54 Mbps 802.11(n) MCS0 6 N/A N/A N/A N/A N/A N/A 1.33 1.37 97.00 N/A N/A 802.11(n) MCS0 802.11(n) MCS7 N/A N/A N/A N/A N/A 0.20 N/A 79.04 0.16 N/A N/A 802.11(n) MCS7 Mid channel 6, 2437 MHz N/A N/A N/A N/A N/A 802.11(b) 1 Mbps 802.11(b) 1 Mbps 8.60 N/A N/A 5 N/A N/A 8.63 99.63 N/A N/A N/A N/A 802.11(b) 11 Mbps 802.11(b) 11 Mbps N/A N/A 0.85 0.89 N/A 95.60 N/A N/A N/A N/A 802.11(g) 6 Mbps 802.11(g) 6 Mbps N/A 1.42 1.46 97.19 N/A N/A N/A N/A 6 N/A N/A 84.91 N/A N/A 802.11(g) 36 Mbps 802.11(g) 36 Mbps 0.25 0.29 N/A N/A N/A N/A N/A N/A N/A N/A 802.11(g) 54 Mbps 0.17 0.21 80.49 N/A N/A 802.11(g) 54 Mbps N/A N/A 6 N/A N/A N/A 802.11(n) MCS0 802.11(n) MCS0 1.32 N/A N/A 6 96.93 N/A N/A N/A N/A N/A 1.37 N/A 802.11(n) MCS7 802.11(n) MCS7 0.16 N/A N/A N/A 0.20 N/A 79.67 N/A N/A High channel 11, 2462 MHz 802.11(b) 1 Mbps N/A 8.60 8.63 99.65 N/A N/A 802.11(b) 1 Mbps N/A N/A N/A N/A N/A 802.11(b) 11 Mbps 0.85 0.89 N/A 96.28 N/A N/A 802.11(b) 11 Mbps N/A N/A N/A N/A N/A 802.11(g) 6 Mbps 1.42 1.46 N/A 96.99 N/A N/A 802.11(g) 6 Mbps 802.11(g) 36 Mbps N/A 0.25 N/A 0.29 6 N/A N/A N/A N/A N/A N/A 85.64 802.11(g) 36 Mbps 802.11(g) 54 Mbps N/A N/A 6 N/A N/A N/A N/A N/A 0.21 79.26 N/A 802.11(g) 54 Mbps 802.11(n) MCS0 6 N/A N/A N/A N/A N/A N/A N/A

1.33

N/A

0.16

N/A

1.37

N/A

0.20

N/A

N/A

97.00

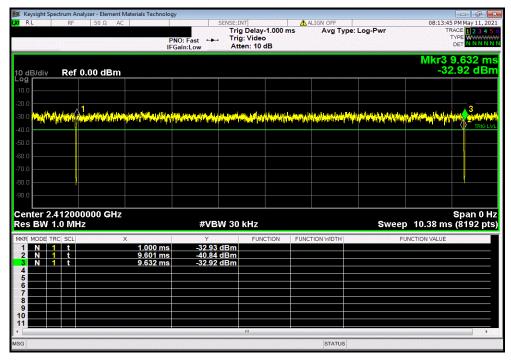
N/A

78.56

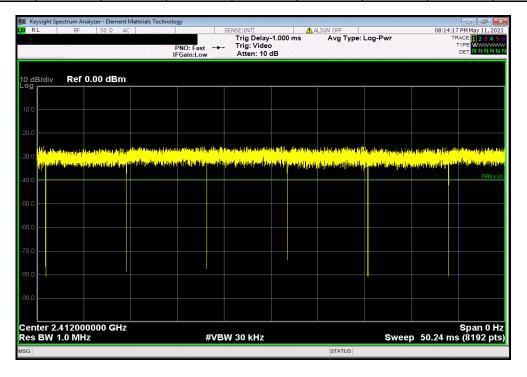
N/A

N/A





2400-2483.5 MHz Band, Low channel 1, 2412 MHz, 802.11(b) 1 Mbps								
Pulse Length	Pulse Period	Number of	Value	Limit				
 (ms)	(ms)	Pulses	(%)	(%)	Result			
N/A	N/A	5	N/A	N/A	N/A			



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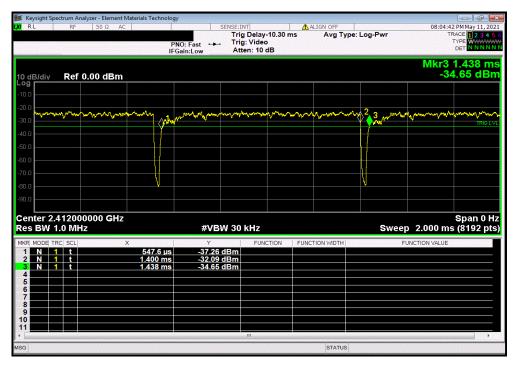


2400-2483.5 MHz Band, Low channel 1, 2412 MHz, 802.11(b) 11 Mbps

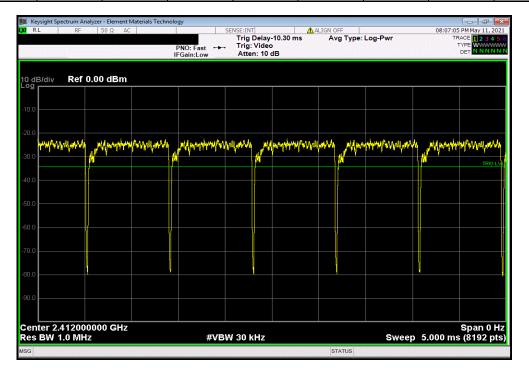
Pulse Length Pulse Period Number of Value Limit

(ms) (ms) Pulses (%) (%) Result

0.85 0.89 N/A 95.73 N/A N/A



	2400-2483.5 MHz Band, Low channel 1, 2412 MHz, 802.11(b) 11 Mbps								
	Pulse Length	Pulse Period	Number of	Value	Limit				
<u> </u>	(ms)	(ms)	Pulses	(%)	(%)	Result			
	N/A	N/A	5	N/A	N/A	N/A			



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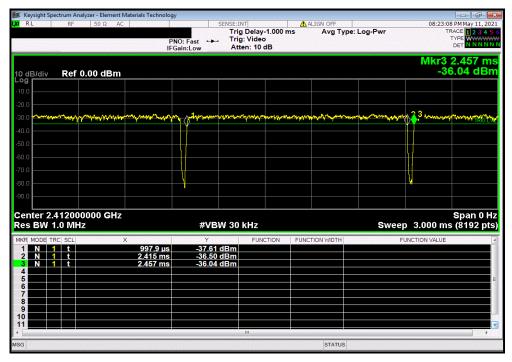
18/84

2400-2483.5 MHz Band, Low channel 1, 2412 MHz, 802.11(g) 6 Mbps

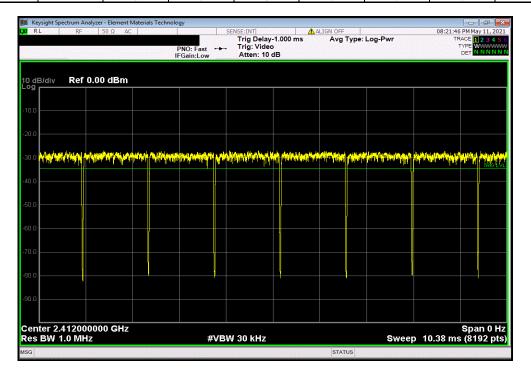
Pulse Length Pulse Period Number of Value Limit

(ms) (ms) Pulses (%) (%) Result

1.42 1.46 N/A 97.12 N/A N/A



2400-2483.5 MHz Band, Low channel 1, 2412 MHz, 802.11(g) 6 Mbps								
Pulse Length	Pulse Period	Number of	Value	Limit				
 (ms)	(ms)	Pulses	(%)	(%)	Result			
N/A	N/A	6	N/A	N/A	N/A			



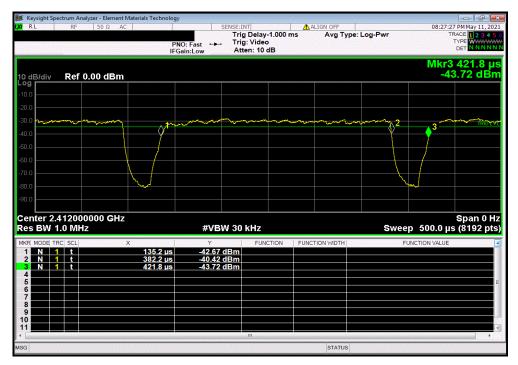


2400-2483.5 MHz Band, Low channel 1, 2412 MHz, 802.11(g) 36 Mbps

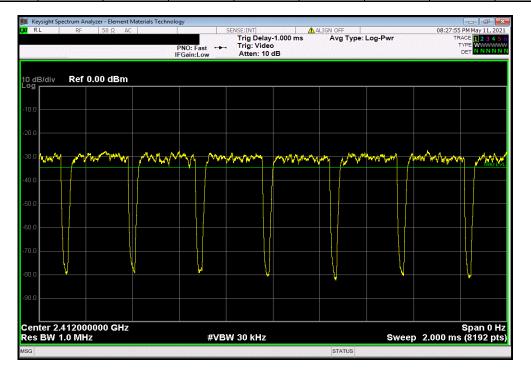
Pulse Length Pulse Period Number of Value Limit

(ms) (ms) Pulses (%) (%) Result

0.25 0.29 N/A 86.18 N/A N/A



	2400-2483.5 MHz Band, Low channel 1, 2412 MHz, 802.11(g) 36 Mbps								
		Pulse Length	Pulse Period	Number of	Value	Limit			
		(ms)	(ms)	Pulses	(%)	(%)	Result		
i		N/A	N/A	6	N/A	N/A	N/A		



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2400-2483.5 MHz Band, Low channel 1, 2412 MHz, 802.11(g) 54 Mbps

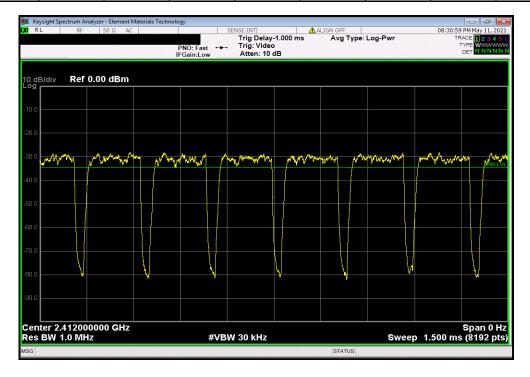
Pulse Length Pulse Period Number of Value Limit

(ms) (ms) Pulses (%) (%) Result

0.17 0.21 N/A 79.60 N/A N/A



	2400-2483.5 MHz Band, Low channel 1, 2412 MHz, 802.11(g) 54 Mbps								
		Pulse Length	Pulse Period	Number of	Value	Limit			
		(ms)	(ms)	Pulses	(%)	(%)	Result		
i		N/A	N/A	6	N/A	N/A	N/A		



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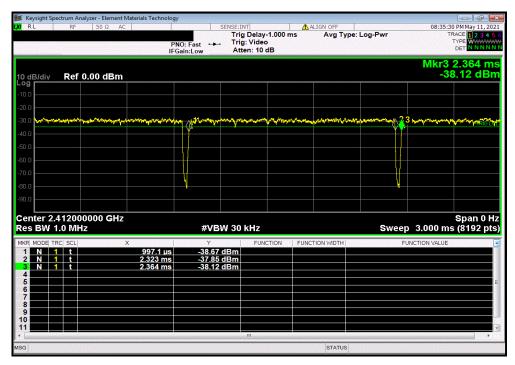
21/84

2400-2483.5 MHz Band, Low channel 1, 2412 MHz, 802.11(n) MCS0

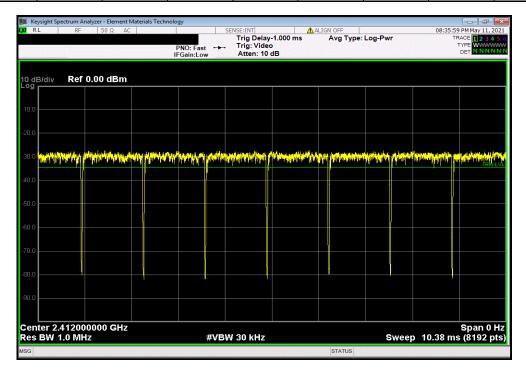
Pulse Length Pulse Period Number of Value Limit

(ms) (ms) Pulses (%) (%) Result

1.33 1.37 N/A 97.00 N/A N/A



	2400-24	83.5 MHz Band, L	ow channel 1, 24	412 MHz, 802.11(n) MCS0	
	Pulse Length	Pulse Period	Number of	Value	Limit	
<u> </u>	(ms)	(ms)	Pulses	(%)	(%)	Result
	N/A	N/A	6	N/A	N/A	N/A





2400-2483.5 MHz Band, Low channel 1, 2412 MHz, 802.11(n) MCS7

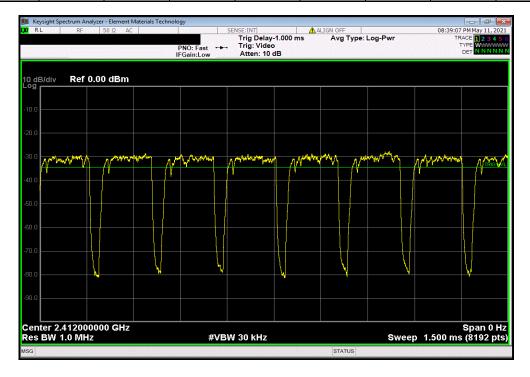
Pulse Length Pulse Period Number of Value Limit

(ms) (ms) Pulses (%) (%) Result

0.16 0.20 N/A 79.04 N/A N/A



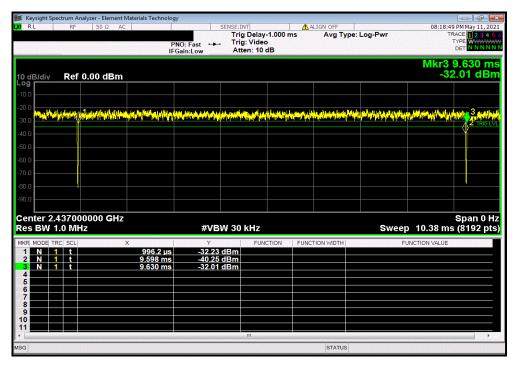
	2400-24	33.5 MHz Band, L	ow channel 1, 24	112 MHz, 802.11(n) MCS7	
	Pulse Length	Pulse Period	Number of	Value	Limit	
	(ms)	(ms)	Pulses	(%)	(%)	Result
	N/A	N/A	6	N/A	N/A	N/A



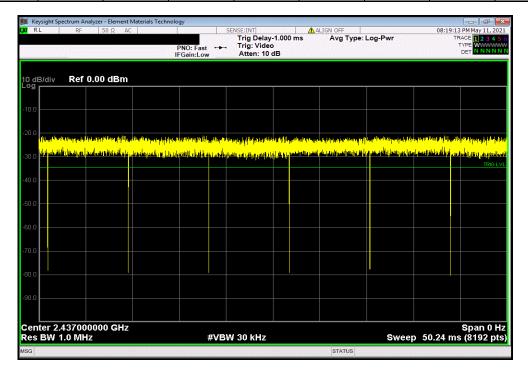
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2400-2483.5 MHz Band, Mid channel 6, 2437 MHz, 802.11(b) 1 Mbps Pulse Length Pulse Period Number of Value Limit (ms) Pulses (%) Result N/A N/A



	2400-248	3.5 MHz Band, N	/lid channel 6, 24	37 MHz, 802.11(b) 1 Mbps	
	Pulse Length	Pulse Period	Number of	Value	Limit	
	(ms)	(ms)	Pulses	(%)	(%)	Result
	N/A	N/A	5	N/A	N/A	N/A

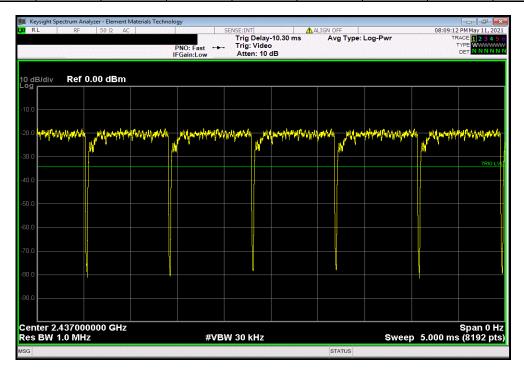




	2400-248	3.5 MHz Band, M	id channel 6, 243	7 MHz, 802.11(b)	11 Mbps	
	Pulse Length	Pulse Period	Number of	Value	Limit	
	(ms)	(ms)	Pulses	(%)	(%)	Result
	0.85	0.89	N/A	95.60	N/A	N/A



	2400-248	3.5 MHz Band, M	id channel 6, 243	7 MHz, 802.11(b)) 11 Mbps		
	Pulse Length	Pulse Period	Number of	Value	Limit		
	(ms)	(ms)	Pulses	(%)	(%)	Result	
	N/A	N/A	5	N/A	N/A	N/A	



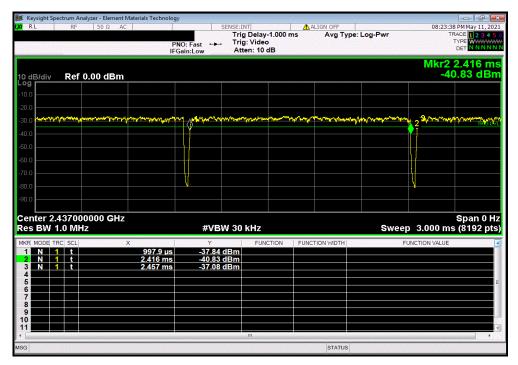


2400-2483.5 MHz Band, Mid channel 6, 2437 MHz, 802.11(g) 6 Mbps

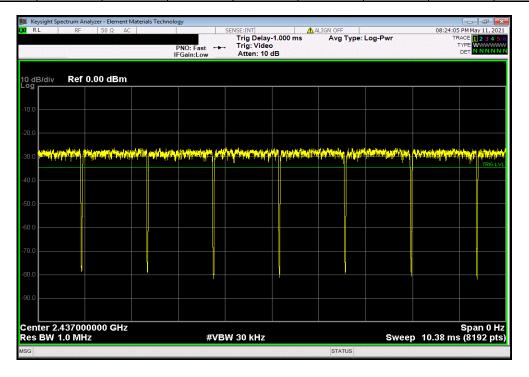
Pulse Length Pulse Period Number of Value Limit

(ms) (ms) Pulses (%) (%) Result

1.42 1.46 N/A 97.19 N/A N/A



	2400-248	3.5 MHz Band, M	lid channel 6, 24	37 MHz, 802.11(g	g) 6 Mbps	
	Pulse Length	Pulse Period	Number of	Value	Limit	
	 (ms)	(ms)	Pulses	(%)	(%)	Result
i	N/A	N/A	6	N/A	N/A	N/A



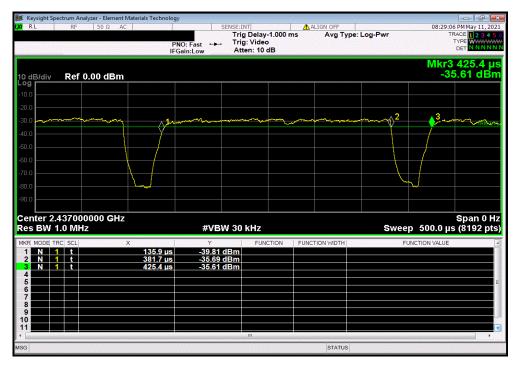


2400-2483.5 MHz Band, Mid channel 6, 2437 MHz, 802.11(g) 36 Mbps

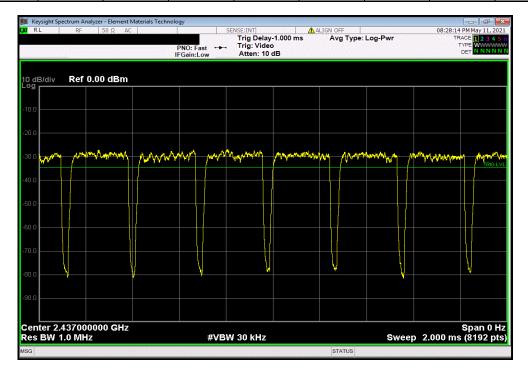
Pulse Length Pulse Period Number of Value Limit

(ms) (ms) Pulses (%) (%) Result

0.25 0.29 N/A 84.91 N/A N/A



	2400-248	3.5 MHz Band, M	id channel 6, 243	37 MHz, 802.11(g) 36 Mbps	
	Pulse Length	Pulse Period	Number of	Value	Limit	
	(ms)	(ms)	Pulses	(%)	(%)	Result
	N/A	N/A	6	N/A	N/A	N/A





2400-2483.5 MHz Band, Mid channel 6, 2437 MHz, 802.11(g) 54 Mbps

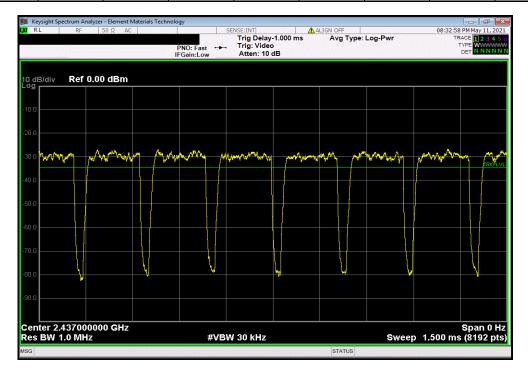
Pulse Length Pulse Period Number of Value Limit

(ms) (ms) Pulses (%) (%) Result

0.17 0.21 N/A 80.49 N/A N/A



2400-248	3.5 MHz Band, M	lid channel 6, 243	37 MHz, 802.11(g) 54 Mbps	
Pulse Length	Pulse Period	Number of	Value	Limit	
 (ms)	(ms)	Pulses	(%)	(%)	Result
N/A	N/A	6	N/A	N/A	N/A



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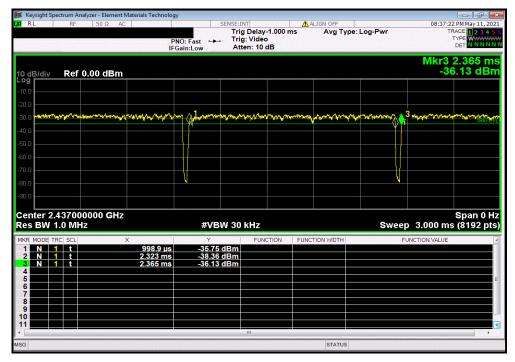


2400-2483.5 MHz Band, Mid channel 6, 2437 MHz, 802.11(n) MCS0

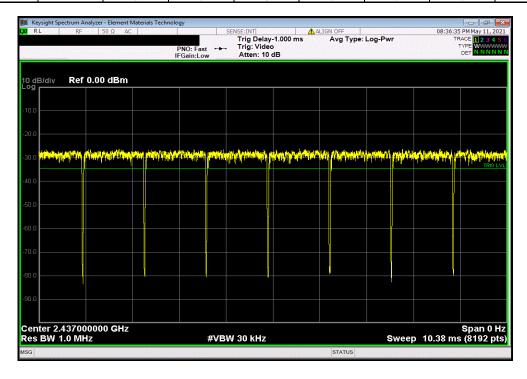
Pulse Length Pulse Period Number of Value Limit

(ms) (ms) Pulses (%) (%) Result

1.32 1.37 N/A 96.93 N/A N/A



	2400-24	83.5 MHz Band, N	Mid channel 6, 24	137 MHz, 802.11(n) MCS0	
	Pulse Length	Pulse Period	Number of	Value	Limit	
	(ms)	(ms)	Pulses	(%)	(%)	Result
,	N/A	N/A	6	N/A	N/A	N/A



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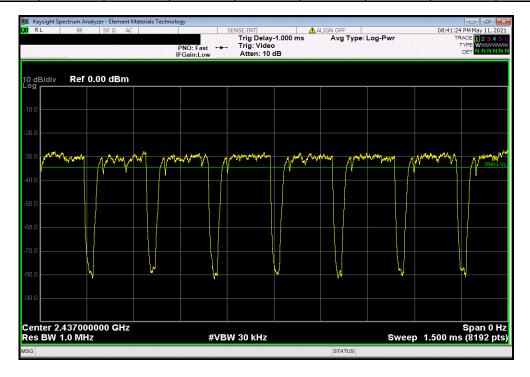
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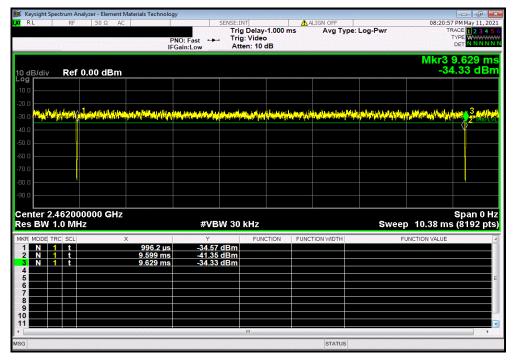


	2400-24	83.5 MHz Band, N	Mid channel 6, 24	137 MHz, 802.11(n) MCS7	
	Pulse Length	Pulse Period	Number of	Value	Limit	
	 (ms)	(ms)	Pulses	(%)	(%)	Result
1	N/A	N/A	6	N/A	N/A	N/A

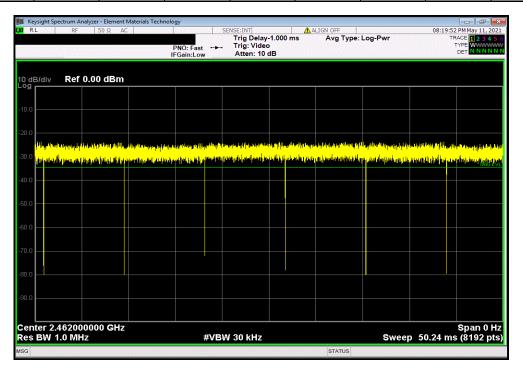




	2400-2483	3.5 MHz Band, Hi	gh channel 11, 24	162 MHz, 802.11(b) 1 Mbps	
	Pulse Length	Pulse Period	Number of	Value	Limit	
	(ms)	(ms)	Pulses	(%)	(%)	Result
	8.60	8.63	N/A	99.65	N/A	N/A



	2400-2483	3.5 MHz Band, Hi	gh channel 11, 24	462 MHz, 802.11	(b) 1 Mbps	
	Pulse Length	Pulse Period	Number of	Value	Limit	
	 (ms)	(ms)	Pulses	(%)	(%)	Result
i	N/A	N/A	5	N/A	N/A	N/A



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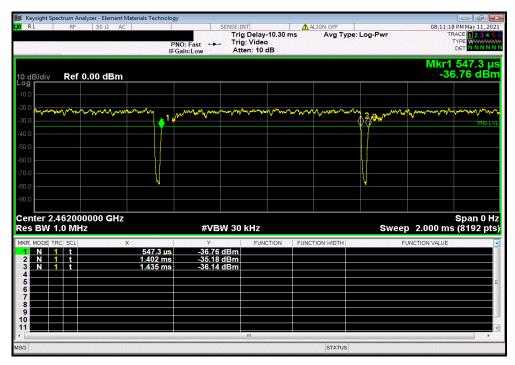


2400-2483.5 MHz Band, High channel 11, 2462 MHz, 802.11(b) 11 Mbps

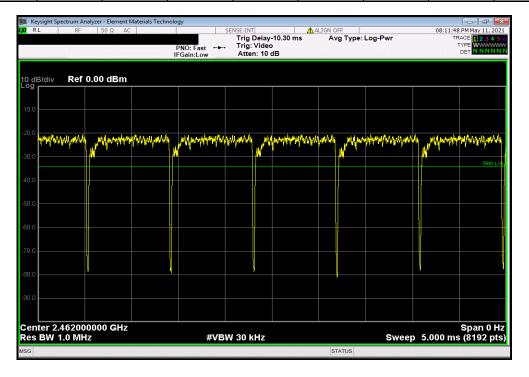
Pulse Length Pulse Period Number of Value Limit

(ms) (ms) Pulses (%) (%) Result

0.85 0.89 N/A 96.28 N/A N/A



2400-2483	5.5 MHz Band, Hig	gh channel 11, 24	162 MHz, 802.11(I	b) 11 Mbps	
Pulse Length	Pulse Period	Number of	Value	Limit	
 (ms)	(ms)	Pulses	(%)	(%)	Result
N/A	N/A	5	N/A	N/A	N/A



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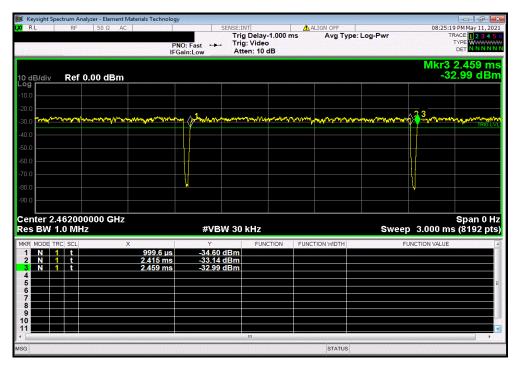


2400-2483.5 MHz Band, High channel 11, 2462 MHz, 802.11(g) 6 Mbps

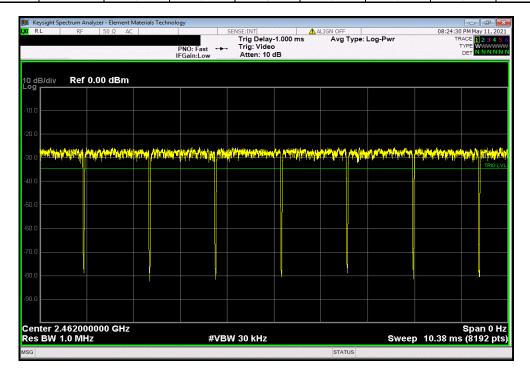
Pulse Length Pulse Period Number of Value Limit

(ms) (ms) Pulses (%) (%) Result

1.42 1.46 N/A 96.99 N/A N/A



2400-2483	3.5 MHz Band, Hi	gh channel 11, 24	462 MHz, 802.11	(g) 6 Mbps	
Pulse Length	Pulse Period	Number of	Value	Limit	
 (ms)	(ms)	Pulses	(%)	(%)	Result
N/A	N/A	6	N/A	N/A	N/A





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2400-2483.5 MHz Band, High channel 11, 2462 MHz, 802.11(g) 36 Mbps

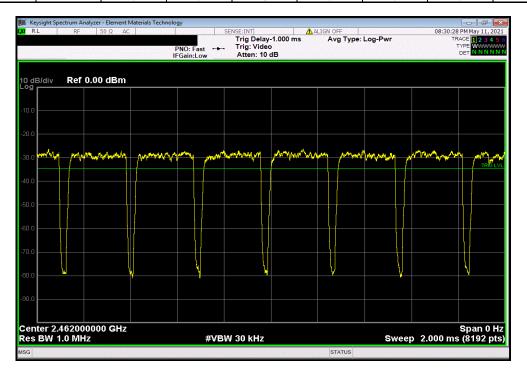
Pulse Length Pulse Period Number of Value Limit

(ms) (ms) Pulses (%) (%) Result

0.25 0.29 N/A 85.64 N/A N/A



2400-2483	.5 MHz Band, Hig	h channel 11, 24	62 MHz, 802.11(g) 36 Mbps	
Pulse Length	Pulse Period	Number of	Value	Limit	
 (ms)	(ms)	Pulses	(%)	(%)	Result
N/A	N/A	6	N/A	N/A	N/A



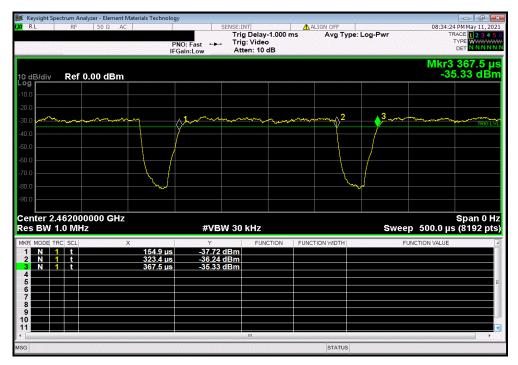


2400-2483.5 MHz Band, High channel 11, 2462 MHz, 802.11(g) 54 Mbps

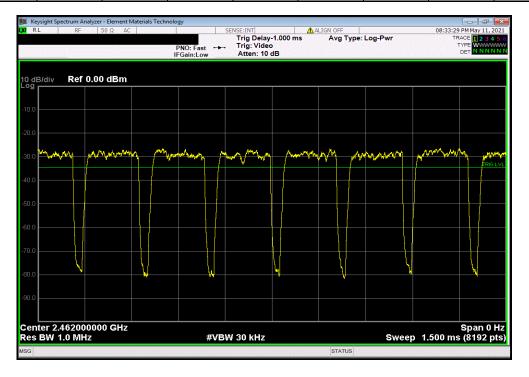
Pulse Length Pulse Period Number of Value Limit

(ms) (ms) Pulses (%) (%) Result

0.17 0.21 N/A 79.26 N/A N/A



	2400-2483	.5 MHz Band, Hig	h channel 11, 24	62 MHz, 802.11(g) 54 Mbps	
	Pulse Length	Pulse Period	Number of	Value	Limit	
	(ms)	(ms)	Pulses	(%)	(%)	Result
	N/A	N/A	6	N/A	N/A	N/A



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2400-2483.5 MHz Band, High channel 11, 2462 MHz, 802.11(n) MCS0

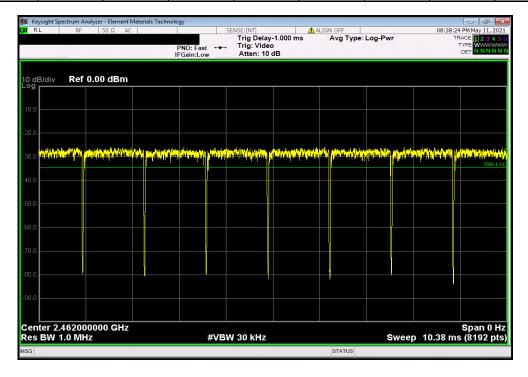
Pulse Length Pulse Period Number of Value Limit

(ms) (ms) Pulses (%) (%) Result

1.33 1.37 N/A 97.00 N/A N/A

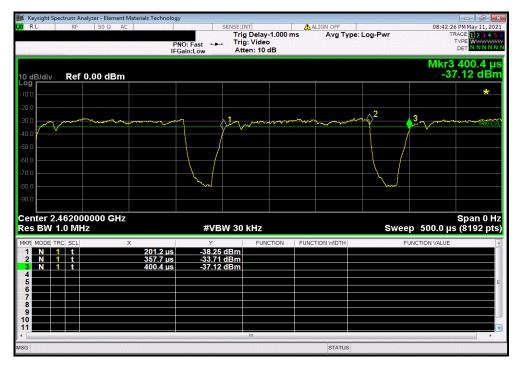


	2400-2483.5 MHz Band, High channel 11, 2462 MHz, 802.11(n) MCS0						
	Pulse Length	Pulse Period	Number of	Value	Limit		
	(ms)	(ms)	Pulses	(%)	(%)	Result	
	N/A	N/A	6	N/A	N/A	N/A	

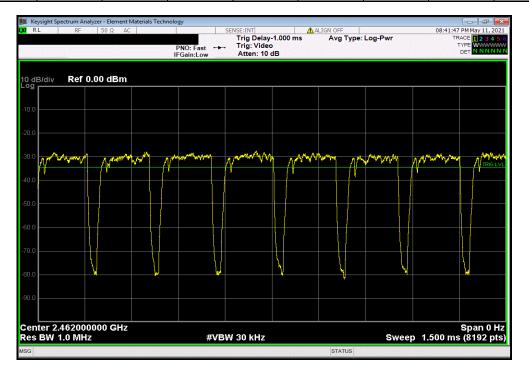




2400-2483.5 MHz Band, High channel 11, 2462 MHz, 802.11(n) MCS7 Pulse Length Pulse Period Number of Value Limit **(%)** 78.56 **(%)** N/A (ms) Pulses Result N/A N/A



	2400-2483.5 MHz Band, High channel 11, 2462 MHz, 802.11(n) MCS7						
	Pulse Length	Pulse Period	Number of	Value	Limit		
	 (ms)	(ms)	Pulses	(%)	(%)	Result	
i	N/A	N/A	6	N/A	N/A	N/A	



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