

Digi International Inc

Activity Tracking Belt FCC 15.247:2017

Report # DGII0215.1





NVLAP Lab Code: 200881-0

CERTIFICATE OF TEST



Last Date of Test: November 7, 2017
Digi International Inc
Model: Activity Tracking Belt

Radio Equipment Testing

Standards

Specification	Method
FCC 15.247:2017	ANSI C63.10:2013

Results

itcouito				
Method Clause	Test Description	Applied	Results	Comments
6.2	Powerline Conducted Emissions	No	N/A	Testing contained in original test report for FCC ID: 2ADHKATWINC1500
11.6	Duty Cycle	Yes	Pass	
11.8.2	Occupied Bandwidth	Yes	Pass	
11.9.2.2.4	Output Power	Yes	Pass	
11.10.2	Power Spectral Density	Yes	Pass	
11.11	Band Edge Compliance	Yes	Pass	
11.11	Spurious Conducted Emissions	Yes	Pass	
11.12.1, 11.13.2, 6.5, 6.6	Spurious Radiated Emissions	No	N/A	Testing contained in original test report for FCC ID: 2ADHKATWINC1500

Deviations From Test Standards

None

Approved By:

Matt Nuernberg, Operations Manager

Product compliance is the responsibility of the client; therefore, the tests and equipment modes of operation represented in eport 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.

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REVISION HISTORY



Revision Number	Description	Date	Page Number
00	None		

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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). Certification chambers and Open Area Test Sites are filed with ISED.

European Union

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

Australia/New Zealand

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

Korea

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

Japan

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

Taiwan

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

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

Singapore

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

Israel

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

Hong Kong

 $\mbox{\bf OFCA}$ – Recognized by OFCA as a CAB for the acceptance of test data.

Vietnam

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

SCOPE

For details on the Scopes of our Accreditations, please visit:

http://portlandcustomer.element.com/ts/scope/scope.htm http://gsi.nist.gov/global/docs/cabs/designations.html

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FACILITIES







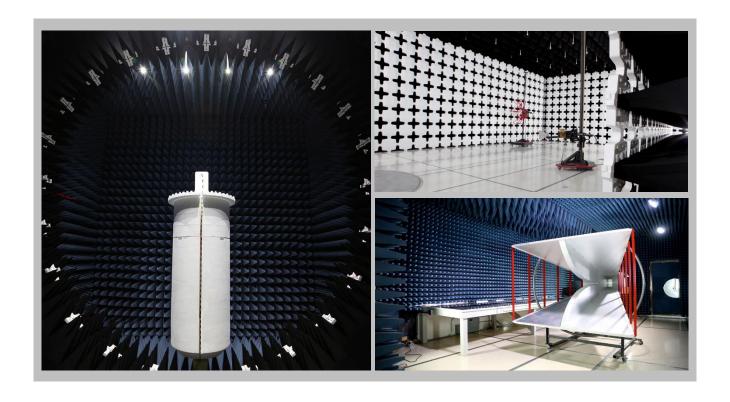
California
Labs OC01-13
41 Tesla
Irvine, CA 92618
(949) 861-8918

Minnesota Labs MN01-08, MN10 9349 W Broadway Ave. Brooklyn Park, MN 55445 (612)-638-5136 New York Labs NY01-04 4939 Jordan Rd. Elbridge, NY 13060 (315) 554-8214 Oregon
Labs EV01-12
22975 NW Evergreen Pkwy
Hillsboro, OR 97124
(503) 844-4066

TexasLabs TX01-09
3801 E Plano Pkwy
Plano, TX 75074
(469) 304-5255

WashingtonLabs NC01-05
19201 120th Ave NE
Bothell, WA 98011
(425)984-6600

Irvine, CA 92618 (949) 861-8918	Brooklyn Park, MN 55445 (612)-638-5136	Elbridge, NY 13060 (315) 554-8214	Hillsboro, OR 97124 (503) 844-4066	Plano, TX 75074 (469) 304-5255	Bothell, WA 98011 (425)984-6600			
NVLAP								
NVLAP Lab Code: 200676-0	NVLAP Lab Code: 200881-0	NVLAP Lab Code: 200761-0	NVLAP Lab Code: 200630-0	NVLAP Lab Code:201049-0	NVLAP Lab Code: 200629-0			
	Innovation, Science and Economic Development Canada							
2834B-1, 2834B-3	2834E-1	N/A	2834D-1, 2834D-2	2834G-1	2834F-1			
		BS	MI					
SL2-IN-E-1154R	SL2-IN-E-1152R	N/A	SL2-IN-E-1017	SL2-IN-E-1158R	SL2-IN-E-1153R			
		VC	CI					
A-0029	A-0109	N/A	A-0108	A-0201	A-0110			
	Recognized Phase I CAB for ACMA, BSMI, IDA, KCC/RRA, MIC, MOC, NCC, OFCA							
US0158	US0175	N/A	US0017	US0191	US0157			



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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 included as part of the applicable test description page. 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.

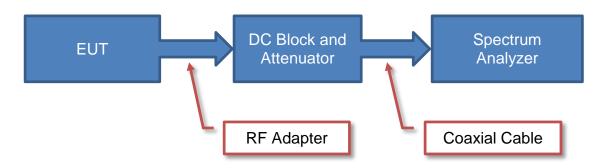
Test	+ MU	- MU
Frequency Accuracy (Hz)	0.0007%	-0.0007%
Amplitude Accuracy (dB)	1.2 dB	-1.2 dB
Conducted Power (dB)	0.3 dB	-0.3 dB
Radiated Power via Substitution (dB)	0.7 dB	-0.7 dB
Temperature (degrees C)	0.7°C	-0.7°C
Humidity (% RH)	2.5% RH	-2.5% RH
Voltage (AC)	1.0%	-1.0%
Voltage (DC)	0.7%	-0.7%
Field Strength (dB)	5.2 dB	-5.2 dB
AC Powerline Conducted Emissions (dB)	2.4 dB	-2.4 dB

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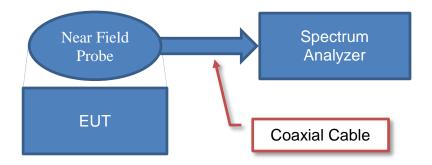
Test Setup Block Diagrams



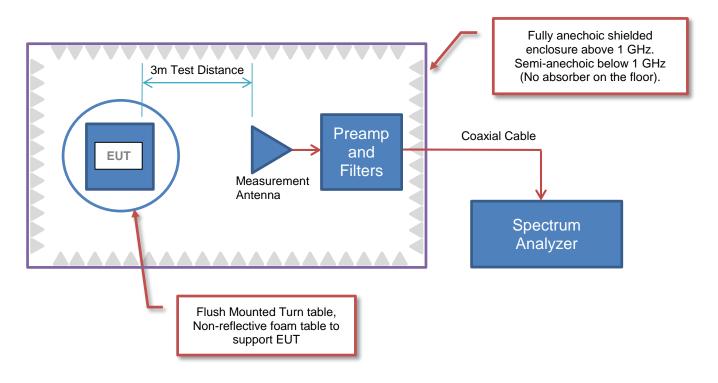
Antenna Port Conducted Measurements



Near Field Test Fixture Measurements



Spurious Radiated Emissions



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PRODUCT DESCRIPTION



Client and Equipment Under Test (EUT) Information

Company Name:	Digi International Inc
Address:	11001 Bren Road E.
City, State, Zip:	Minnetonka, MN 55343
Test Requested By:	Collin LaFave
Model:	Activity Tracking Belt
First Date of Test:	November 7, 2017
Last Date of Test:	November 7, 2017
Receipt Date of Samples:	April 12, 2017
Equipment Design Stage:	Production
Equipment Condition:	No Damage
Purchase Authorization:	Verified

Information Provided by the Party Requesting the Test

Functional Description of the EUT:

Battery powered Activity Tracking belt utilizing a low duty cycle 2.4 GHz Wi-Fi radio to send data to a network.

Testing Objective:

To demonstrate compliance of the Wi-Fi radio operating in the 2.4 GHz band to FCC 15.247 for a C2PC to FCC ID: 2AKXS-EJGKAJ3531 due to lowering the output power from the original Grant.

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CONFIGURATIONS



Configuration DGII0263-1

EUT			
Description	Manufacturer	Model/Part Number	Serial Number
Activity Tracking Belt	Digi International Inc.	Modjoul	None
Wifi Module	Atmel	AT-Wink 1500-MR210PB	F8F005FF1522

Peripherals in test setup boundary							
Description	Manufacturer	Model/Part Number	Serial Number				
USB to I2C/SPI Adapter	Total Phase	Aardvark	2237-454813				
Laptop	HP	EliteBook	00669				
Power Supply (Laptop)	HP	PPP009L-E	WBGST0A3U0QU31				

Cables								
Cable Type	Shield	Length (m)	Ferrite	Connection 1	Connection 2			
USB Cable (USB to I2C/SPI Adapter)	No	1.8m	Yes	Laptop	USB to I2C/SPI Adapter			
Ribbon Cable	No	0.25m	No	USB to I2C/SPI Adapter	Serial Leads			
USB Cable (Wifi Module)	No	0.5m	No	Laptop	Wifi Module			
Serial Leads	No	0.3m	No	Ribbon Cable	Wifi Module			
AC Mains Cable (Laptop)	No	1.0m	No	AC Mains	Power Supply (Laptop)			
DC Cable (Laptop)	No	1.8m	Yes	Laptop	Power Supply (Laptop)			

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MODIFICATIONS



Equipment Modifications

Item	Date	Test	Modification	Note	Disposition of EUT
			Tested as	No EMI suppression	EUT remained at
1	11/7/2017	Duty Cycle	delivered to	devices were added or	Element following
			Test Station.	modified during this test.	the test.
		Occupied	Tested as	No EMI suppression	EUT remained at
2	11/7/2017	Bandwidth	delivered to	devices were added or	Element following
		Danuwiuin	Test Station.	modified during this test.	the test.
			Tested as	No EMI suppression	EUT remained at
3	11/7/2017	Output Power	delivered to	devices were added or	Element following
		-	Test Station.	modified during this test.	the test.
		Power Spectral	Tested as	No EMI suppression	EUT remained at
4	11/7/2017	Density	delivered to	devices were added or	Element following
		Density	Test Station.	modified during this test.	the test.
		Pand Edga	Tested as	No EMI suppression	EUT remained at
5	11/7/2017	Band Edge	delivered to	devices were added or	Element following
		Compliance	Test Station.	modified during this test.	the test.
		Spurious	Tested as	No EMI suppression	Scheduled testing
6	11/7/2017	Conducted	delivered to	devices were added or	· ·
		Emissions	Test Station.	modified during this test.	was completed.

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XMit 2017.09.21

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
Generator - Signal	Agilent	N5183A	TIK	29-Sep-17	29-Sep-20
Cable	ESM Cable Corp.	TTBJ141 KMKM-72	MNU	11-Sep-17	11-Sep-18
Attenuator	S.M. Electronics	SA26B-20	RFW	14-Feb-17	14-Feb-18
Block - DC	Fairview Microwave	SD3379	AMI	12-Sep-17	12-Sep-18
Analyzer - Spectrum Analyzer	Agilent	E4440A	AAX	16-Mar-17	16-Mar-18

TEST DESCRIPTION

The measurement was made using a direct connection between the RF output of the EUT and a spectrum analyzer. 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.

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High Channel 11, 2462 MHz



Work Order: DGII0263
Date: 7-Nov-17 EUT: Activity Tracking Belt Serial Number: F8F005FF1522 Customer: Digi International Inc Attendees: Collin LaFave Temperature: 21.9 °C Humidity: 22.7% RH Barometric Pres.: 1033 mba Project: None
Tested by: Dustin Sparks
TEST SPECIFICATIONS Power: 5VDC Test Method Job Site: MN08 FCC 15.247:2017 COMMENTS EUT powered by USB connection DEVIATIONS FROM TEST STANDARD Dusting Configuration # sares Signature lumber of Pulses (%) Pulse Width Period Results (%) 2400 MHz - 2483.5 MHz Band 802.11(b) 1 Mbps Low Channel 1, 2412 MHz Low Channel 1, 2412 MHz 8.379 ms 8.443 ms 99.2 N/A N/A N/A N/A N/A 8.387 ms N/A Mid Channel 6, 2437 MHz 8.435 ms 99.4 N/A Mid Channel 6, 2437 MHz High Channel 11, 2462 MHz N/A N/A 5 N/A N/A N/A 8.442 ms 8.38 ms 99.3 N/A N/A High Channel 11, 2462 MHz 802.11(b) 11 Mbps N/A N/A N/A N/A N/A Low Channel 1, 2412 MHz Low Channel 1, 2412 MHz 843.6 us 873.9 us 96.5 N/A N/A N/A N/A N/A Mid Channel 6, 2437 MHz 843.6 us 873.9 us 96.5 N/A N/A Mid Channel 6, 2437 MHz N/A N/A N/A N/A N/A High Channel 11, 2462 MHz 843.6 us 900 8 us 93.7 N/A N/A High Channel 11, 2462 MHz N/A N/A N/A N/A N/A 802.11(g) 6 Mbps Low Channel 1, 2412 MHz 1.393 ms 96.8 N/A 1.439 ms N/A Low Channel 1, 2412 MHz Mid Channel 6, 2437 MHz N/A 1.448 ms N/A 96.2 N/A N/A N/A N/A 1.393 ms N/A Mid Channel 6, 2437 MHz N/A N/A 5 N/A N/A N/A High Channel 11, 2462 MHz 1.393 ms 1.457 ms 95.6 High Channel 11, 2462 MHz 802.11(g) 36 Mbps N/A N/A N/A N/A N/A Low Channel 1, 2412 MHz Low Channel 1, 2412 MHz N/A N/A 253.2 us 316.8 us 79.9 N/A N/A N/A N/A N/A Mid Channel 6, 2437 MHz 253.2 us 307.8 us 82.3 N/A N/A Mid Channel 6, 2437 MHz N/A N/A N/A N/A High Channel 11, 2462 MHz High Channel 11, 2462 MHz 253.2 us N/A 316.8 us N/A 79.9 N/A N/A N/A N/A 802.11(g) 54 Mbps Low Channel 1, 2412 MHz 177.3 us 213.8 us 82.9 N/A N/A Low Channel 1, 2412 MHz Mid Channel 6, 2437 MHz N/A N/A 5 N/A N/A N/A 177.2 us 213.8 us 82.9 N/A N/A Mid Channel 6, 2437 MHz High Channel 11, 2462 MHz N/A N/A 5 N/A N/A N/A 177.2 us 213.8 us 82.9 N/A N/A High Channel 11, 2462 MHz N/A N/A N/A N/A N/A 802.11(n) MCS0 Low Channel 1, 2412 MHz Low Channel 1, 2412 MHz 1.365 ms N/A 95.4 N/A N/A N/A 1.301 ms N/A N/A N/A Mid Channel 6, 2437 MHz 1.301 ms 1.356 ms 96 N/A N/A N/A Mid Channel 6, 2437 MHz N/A High Channel 11, 2462 MHz High Channel 11, 2462 MHz N/A N/A 1.301 ms 1.338 ms 97.3 N/A N/A N/A N/A N/A 802.11(n) MCS7 Low Channel 1, 2412 MHz 165.1 us 219.8 us 75.1 N/A N/A Low Channel 1, 2412 MHz Mid Channel 6, 2437 MHz N/A N/A 5 N/A N/A N/A 210.8 us 78.4 N/A N/A 165.2 us Mid Channel 6, 2437 MHz High Channel 11, 2462 MHz N/A N/A N/A N/A N/A N/A N/A 165.1 us 201.9 us 81.8

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N/A

N/A

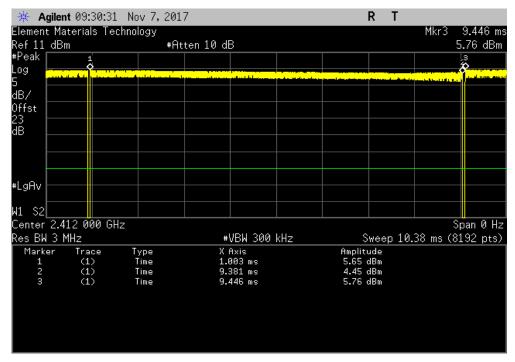
N/A

N/A

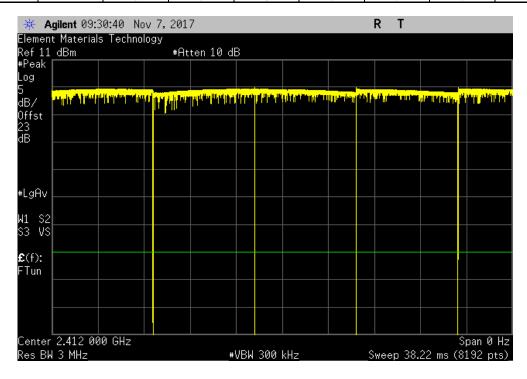


TbtTx 2017.10.04 XMit 2017.09.21

2400 MHz - 2483.5 MHz Band, 802.11(b) 1 Mbps, Low Channel 1, 2412 MHz								
	Number of Value Limit							
Pulse Width Period Pulses (%) (%) Results					Results			
		8.379 ms	8.443 ms	1	99.2	N/A	N/A	



		2400 MHz - 2	2483.5 MHz Band	l, 802.11(b) 1 Mb	ps, Low Channel	1, 2412 MHz	
				Number of	Value	Limit	
_		Pulse Width	Period	Pulses	(%)	(%)	Results
í l	·	N/A	N/A	5	N/A	N/A	N/A

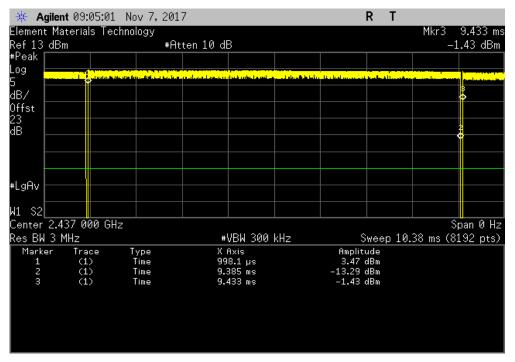


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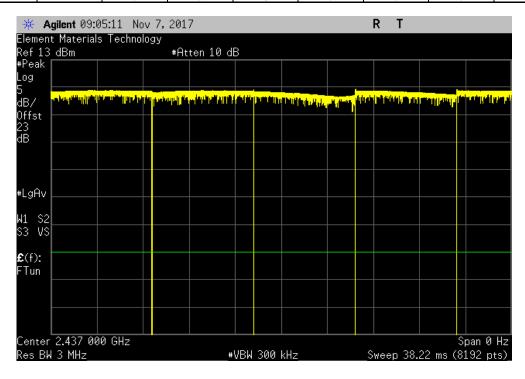


TbtTx 2017.10.04 XMit 2017.09.21

	2400 MHz - 2	2483.5 MHz Band	d, 802.11(b) 1 Mb	ps, Mid Channel	6, 2437 MHz		
			Number of	Value	Limit		
	Pulse Width	Period	Pulses	(%)	(%)	Results	
	8.387 ms	8.435 ms	1	99.4	N/A	N/A	



	2400 MHz - 2	2483.5 MHz Band	d, 802.11(b) 1 Mb	ps, Mid Channel	6, 2437 MHz	
			Number of	Value	Limit	
_	Pulse Width	Period	Pulses	(%)	(%)	Results
i	N/A	N/A	5	N/A	N/A	N/A

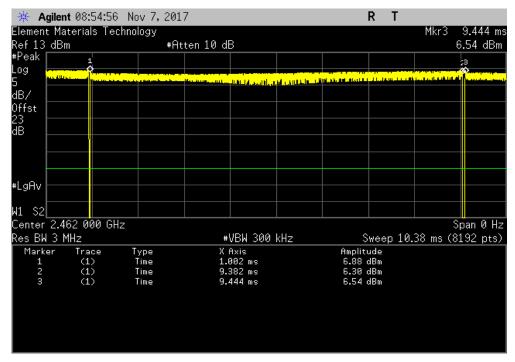


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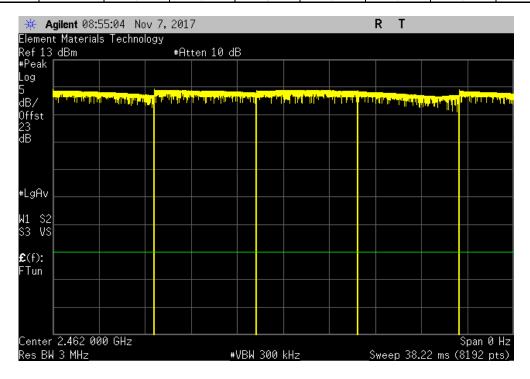


TbtTx 2017.10.04 XMit 2017.09.21

	2400 MHz - 24	483.5 MHz Band,	802.11(b) 1 Mbp	s, High Channel	11, 2462 MHz		
			Number of	Value	Limit		
	Pulse Width	Period	Pulses	(%)	(%)	Results	
	8.38 ms	8.442 ms	1	99.3	N/A	N/A	



2400 MHz - 2	483.5 MHz Band	, 802.11(b) 1 Mbp	s, High Channel	11, 2462 MHz	
		Number of	Value	Limit	
 Pulse Width	Period	Pulses	(%)	(%)	Results
N/A	N/A	5	N/A	N/A	N/A

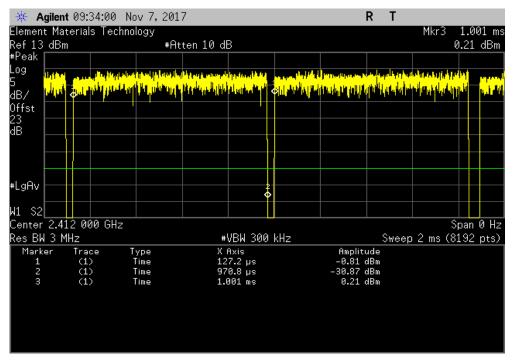


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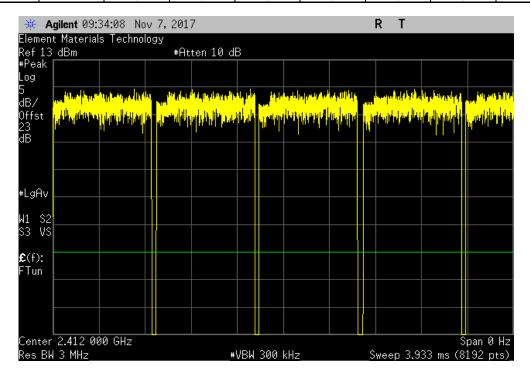


TbtTx 2017.10.04 XMit 2017.09.21

	2400 MHz - 2	483.5 MHz Band	, 802.11(b) 11 Mb	ps, Low Channel	1, 2412 MHz		
			Number of	Value	Limit		
	Pulse Width	Period	Pulses	(%)	(%)	Results	
	843.6 us	873.9 us	1	96.5	N/A	N/A	



2400 MHz - 2	483.5 MHz Band	l, 802.11(b) 11 Mi	ops, Low Channe	1, 2412 MHz	
		Number of	Value	Limit	
 Pulse Width	Period	Pulses	(%)	(%)	Results
N/A	N/A	5	N/A	N/A	N/A

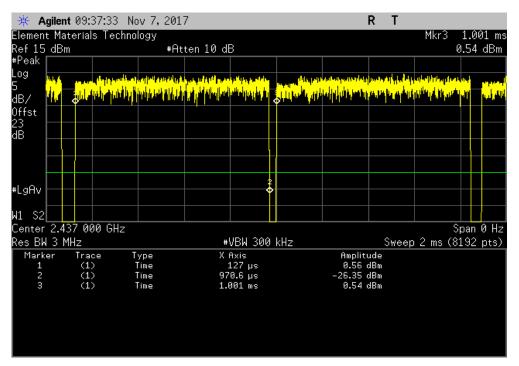


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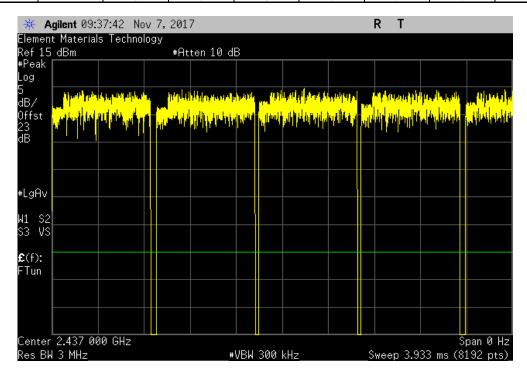


TbtTx 2017.10.04 XMit 2017.09.21

	2400 MHz - 2	483.5 MHz Band	, 802.11(b) 11 MI	pps, Mid Channel	6, 2437 MHz		
			Number of	Value	Limit		
	Pulse Width	Period	Pulses	(%)	(%)	Results	
	843.6 us	873.9 us	1	96.5	N/A	N/A	



2400 MHz - 2	2483.5 MHz Band	l, 802.11(b) 11 M	bps, Mid Channel	6, 2437 MHz	
		Number of	Value	Limit	
 Pulse Width	Period	Pulses	(%)	(%)	Results
N/A	N/A	5	N/A	N/A	N/A

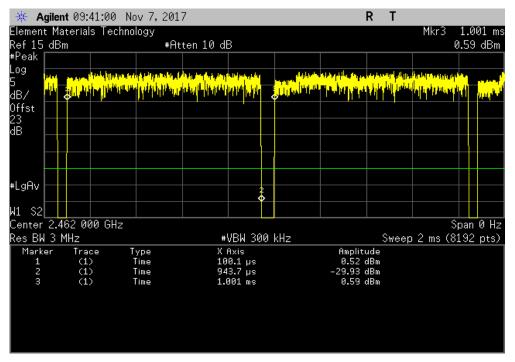


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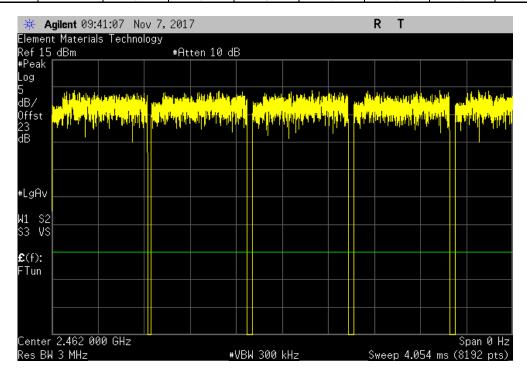


TbtTx 2017.10.04 XMit 2017.09.21

	2400 MHz - 24	83.5 MHz Band,	802.11(b) 11 Mb	ps, High Channel	11, 2462 MHz		
			Number of	Value	Limit		
	Pulse Width	Period	Pulses	(%)	(%)	Results	
	843.6 us	900.8 us	1	93.7	N/A	N/A	



2400 MHz - 24	183.5 MHz Band,	802.11(b) 11 Mb	ps, High Channel	11, 2462 MHz	
		Number of	Value	Limit	
 Pulse Width	Period	Pulses	(%)	(%)	Results
N/A	N/A	5	N/A	N/A	N/A



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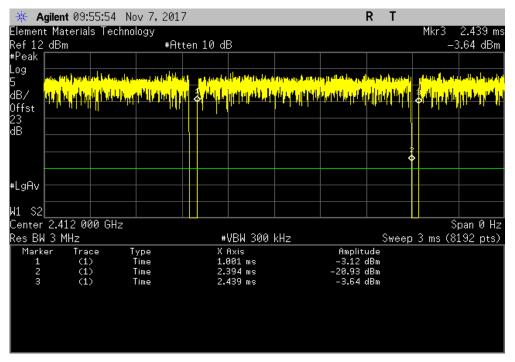


2400 MHz - 2483.5 MHz Band, 802.11(g) 6 Mbps, Low Channel 1, 2412 MHz

Number of Value Limit

Pulse Width Period Pulses (%) (%) Results

1.393 ms 1.439 ms 1 96.8 N/A N/A



	2400 MHz - 2	2483.5 MHz Band	l, 802.11(g) 6 Mb	ps, Low Channel	1, 2412 MHz	
			Number of	Value	Limit	
	Pulse Width	Period	Pulses	(%)	(%)	Results
I [N/A	N/A	5	N/A	N/A	N/A

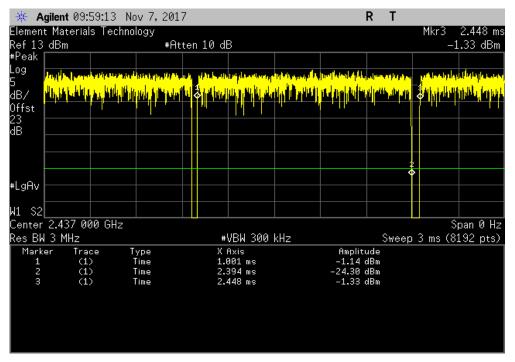


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TNTv 2017 10 04 YMR 2017 09 21

	2400 MHz - 2	2483.5 MHz Band	d, 802.11(g) 6 Mb	ps, Mid Channel	6, 2437 MHz		
			Number of	Value	Limit		
	Pulse Width	Period	Pulses	(%)	(%)	Results	
	1.393 ms	1.448 ms	1	96.2	N/A	N/A	



	2400 MHz - 2	2483.5 MHz Band	d, 802.11(g) 6 Mb	ps, Mid Channel	6, 2437 MHz	
			Number of	Value	Limit	
	Pulse Width	Period	Pulses	(%)	(%)	Results
	N/A	N/A	5	N/A	N/A	N/A

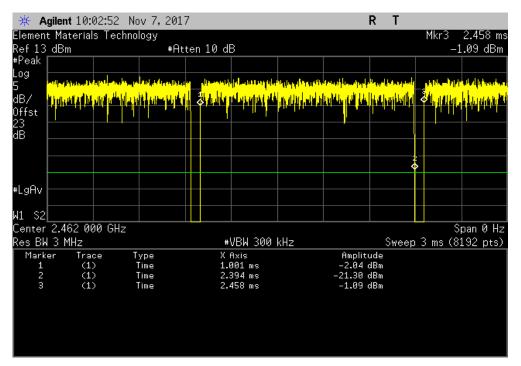


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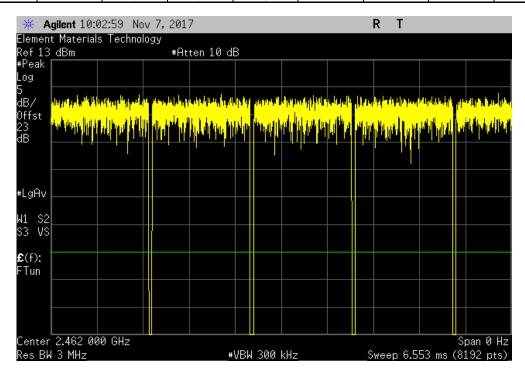


TbtTx 2017.10.04 XMit 2017.09.21

	2400 MHz - 2	483.5 MHz Band,	802.11(g) 6 Mbp	s, High Channel	11, 2462 MHz		
			Number of	Value	Limit		
	Pulse Width	Period	Pulses	(%)	(%)	Results	
	1.393 ms	1.457 ms	1	95.6	N/A	N/A	



2400 MHz - 2	483.5 MHz Band	, 802.11(g) 6 Mbp	os, High Channel	11, 2462 MHz	
		Number of	Value	Limit	
 Pulse Width	Period	Pulses	(%)	(%)	Results
N/A	N/A	5	N/A	N/A	N/A

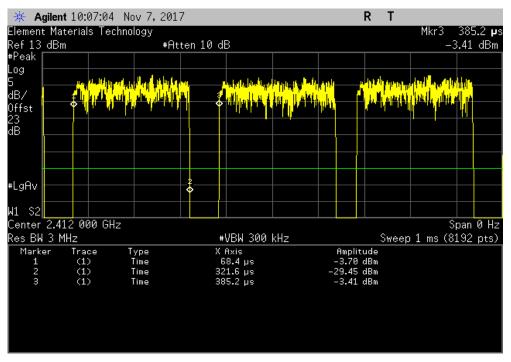


Report No. DGII0215.1 21/88

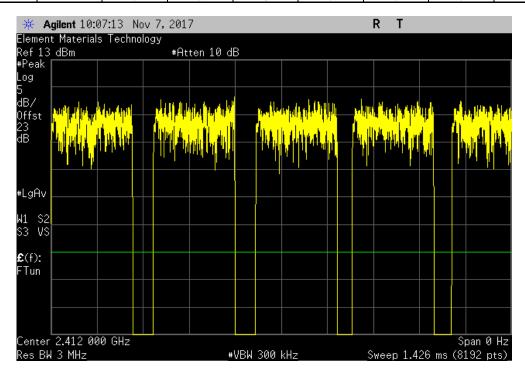


TbtTx 2017.10.04 XMit 2017.09.21

	2400 MHz - 2	483.5 MHz Band	, 802.11(g) 36 Mb	ps, Low Channel	1, 2412 MHz		
			Number of	Value	Limit		
	Pulse Width	Period	Pulses	(%)	(%)	Results	
	253.2 us	316.8 us	1	79.9	N/A	N/A	



2400 MHz - 2	483.5 MHz Band	l, 802.11(g) 36 Mi	ops, Low Channe	1, 2412 MHz	
		Number of	Value	Limit	
 Pulse Width	Period	Pulses	(%)	(%)	Results
N/A	N/A	5	N/A	N/A	N/A

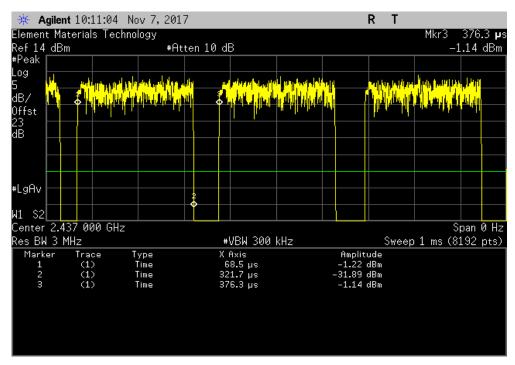


Report No. DGII0215.1 22/88



TbtTx 2017.10.04 XMit 2017.09.21

	2400 MHz - 2	483.5 MHz Band	, 802.11(g) 36 MI	pps, Mid Channel	6, 2437 MHz		
			Number of	Value	Limit		
	Pulse Width	Period	Pulses	(%)	(%)	Results	
	253.2 us	307.8 us	1	82.3	N/A	N/A	



	2400 MHz - 2	483.5 MHz Band	l, 802.11(g) 36 M	bps, Mid Channel	6, 2437 MHz	
			Number of	Value	Limit	
	Pulse Width	Period	Pulses	(%)	(%)	Results
	N/A	N/A	5	N/A	N/A	N/A

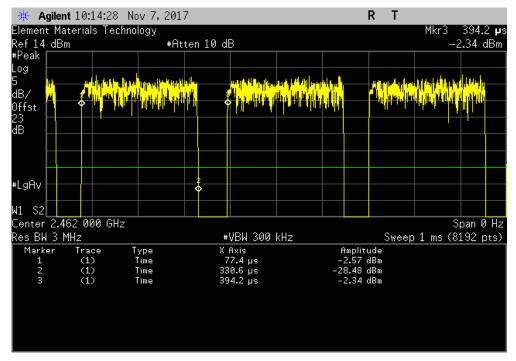


Report No. DGII0215.1 23/88

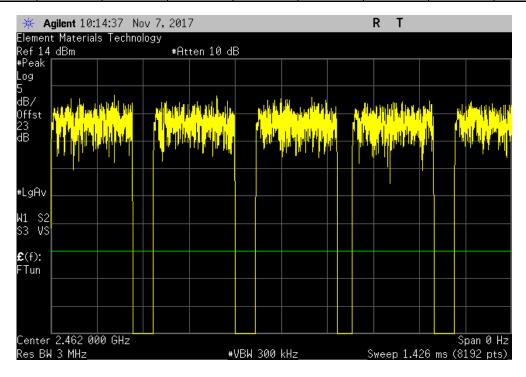


TbtTx 2017.10.04 XMit 2017.09.21

2400 MHz - 2	483.5 MHz Band,	802.11(g) 36 Mb	ps, High Channel	11, 2462 MHz	
		Number of	Value	Limit	
Pulse Width	Period	Pulses	(%)	(%)	Results
253.2 us	316.8 us	1	79.9	N/A	N/A



	2400 MHz - 24	183.5 MHz Band,	802.11(g) 36 Mb	ps, High Channel	11, 2462 MHz	
			Number of	Value	Limit	
	 Pulse Width	Period	Pulses	(%)	(%)	Results
1	N/A	N/A	5	N/A	N/A	N/A

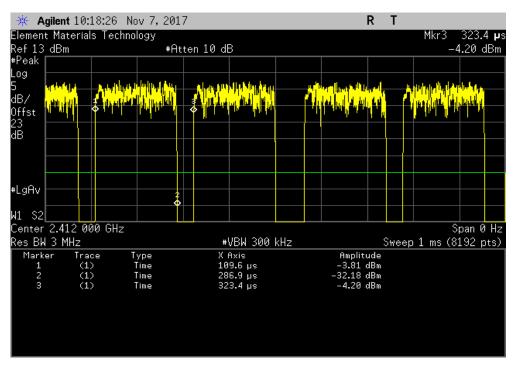


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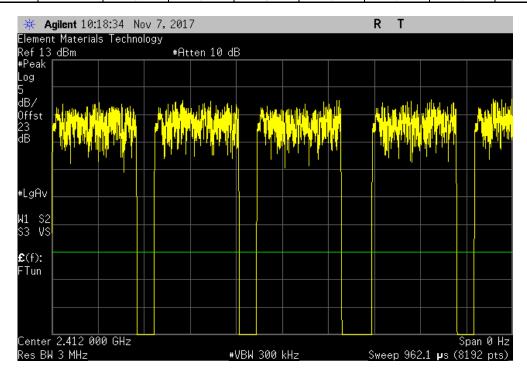


TbtTx 2017.10.04 XMit 2017.09.21

2400 MHz - 2	483.5 MHz Band	, 802.11(g) 54 Mb	ps, Low Channel	1, 2412 MHz		
		Number of	Value	Limit		
Pulse Width	Period	Pulses	(%)	(%)	Results	
177.3 us	213.8 us	1	82.9	N/A	N/A	



2400 MHz - 2	483.5 MHz Band	, 802.11(g) 54 Mb	ops, Low Channel	l 1, 2412 MHz	
		Number of	Value	Limit	
 Pulse Width	Period	Pulses	(%)	(%)	Results
N/A	N/A	5	N/A	N/A	N/A

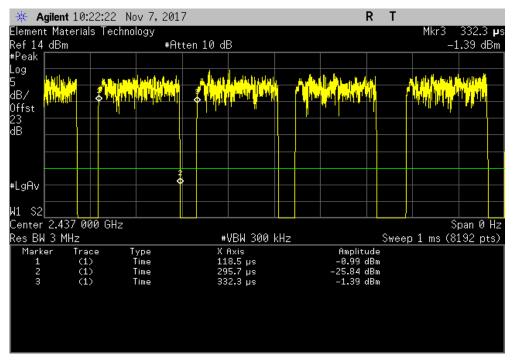


Report No. DGII0215.1 25/88

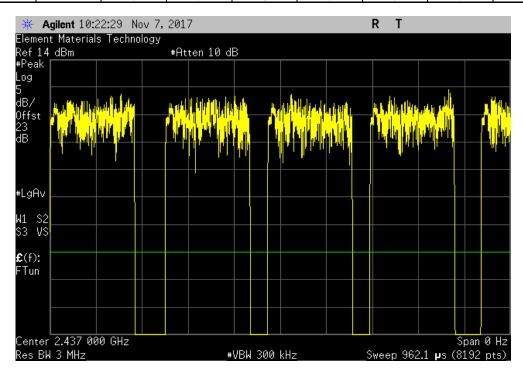


TbtTx 2017.10.04 XMit 2017.09.21

	2400 MHz - 2	483.5 MHz Band	, 802.11(g) 54 MI	pps, Mid Channel	6, 2437 MHz		
			Number of	Value	Limit		
	Pulse Width	Period	Pulses	(%)	(%)	Results	
	177.2 us	213.8 us	1	82.9	N/A	N/A	



2400 MHz - 2	2483.5 MHz Band	l, 802.11(g) 54 MI	bps, Mid Channel	6, 2437 MHz	
		Number of	Value	Limit	
 Pulse Width	Period	Pulses	(%)	(%)	Results
N/A	N/A	5	N/A	N/A	N/A

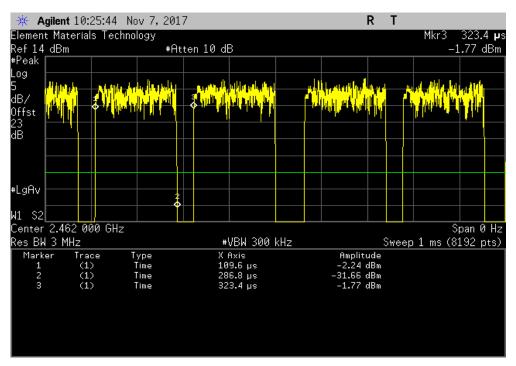


Report No. DGII0215.1 26/88

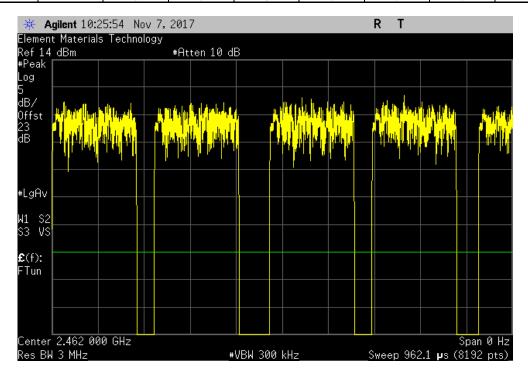


TbtTx 2017.10.04 XMit 2017.09.21

2400 MHz - 24	483.5 MHz Band,	802.11(g) 54 Mb	ps, High Channel	11, 2462 MHz		
		Number of	Value	Limit		
Pulse Width	Period	Pulses	(%)	(%)	Results	
177.2 us	213.8 us	1	82.9	N/A	N/A	



2400 MHz - 24	183.5 MHz Band,	802.11(g) 54 Mb	ps, High Channel	11, 2462 MHz	
		Number of	Value	Limit	
 Pulse Width	Period	Pulses	(%)	(%)	Results
N/A	N/A	5	N/A	N/A	N/A

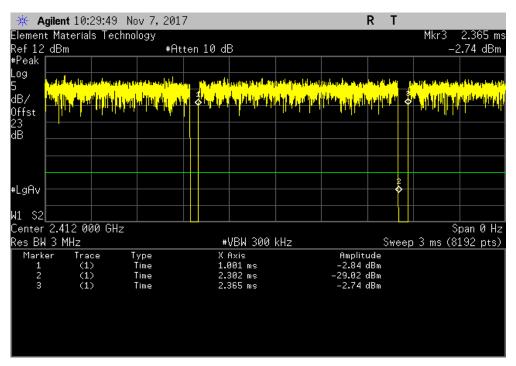


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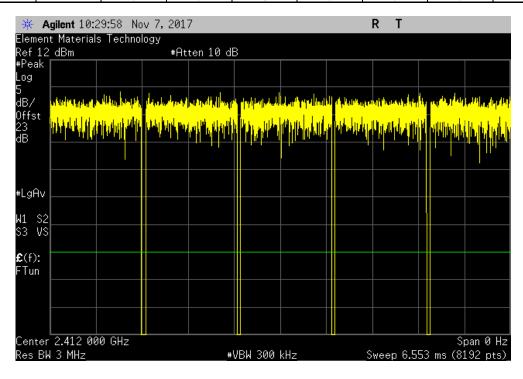


TMTv 2017 10 04 YMR 2017 09 21

	2400 MHz -	2483.5 MHz Band	d, 802.11(n) MCS	60, Low Channel	1, 2412 MHz		
			Number of	Value	Limit		
	Pulse Width	Period	Pulses	(%)	(%)	Results	
	1.301 ms	1.365 ms	1	95.4	N/A	N/A	



	2400 MHz -	2483.5 MHz Ban	d, 802.11(n) MCS	30, Low Channel	1, 2412 MHz	
			Number of	Value	Limit	
	Pulse Width	Period	Pulses	(%)	(%)	Results
	N/A	N/A	5	N/A	N/A	N/A

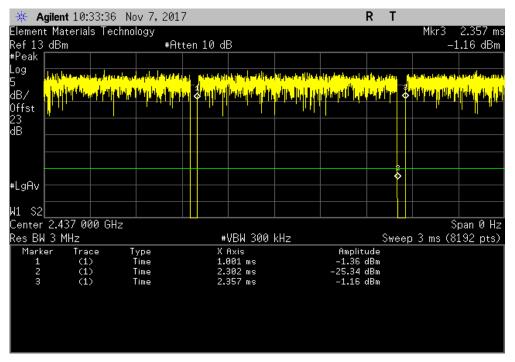


Report No. DGII0215.1 28/88

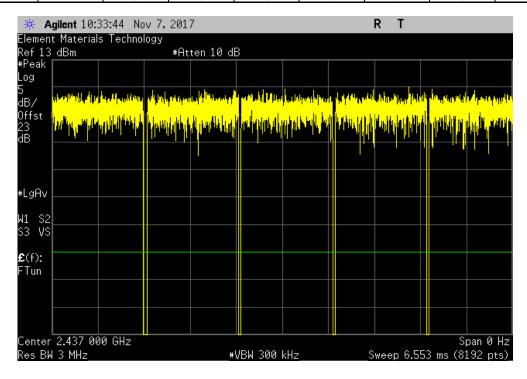


TNTv 2017 10 04 YMR 2017 09 21

	2400 MHz -	2483.5 MHz Ban	d, 802.11(n) MCS	30, Mid Channel 6	6, 2437 MHz		
			Number of	Value	Limit		
	Pulse Width	Period	Pulses	(%)	(%)	Results	
	1.301 ms	1.356 ms	1	96	N/A	N/A	



240	0 MHz - 248	33.5 MHz Band	d, 802.11(n) MCS	60, Mid Channel 6	6, 2437 MHz	
			Number of	Value	Limit	
 Pulse	Width	Period	Pulses	(%)	(%)	Results
N/	Ά	N/A	5	N/A	N/A	N/A

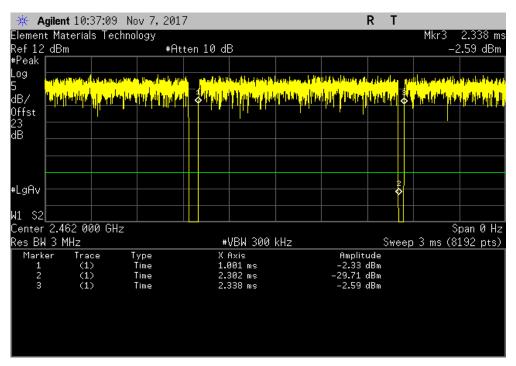


Report No. DGII0215.1 29/88

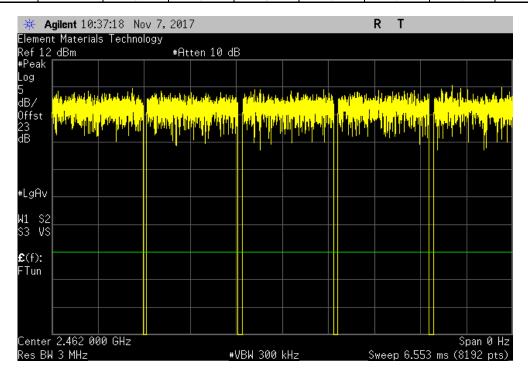


TNTv 2017 10 04 YMR 2017 00 21

	2400 MHz - 2	483.5 MHz Band	l, 802.11(n) MCS	0, High Channel 1	1, 2462 MHz		
			Number of	Value	Limit		
	Pulse Width	Period	Pulses	(%)	(%)	Results	
I	1.301 ms	1.338 ms	1	97.3	N/A	N/A	



	2400 MHz - 2	2483.5 MHz Band	l, 802.11(n) MCS	0, High Channel 1	11, 2462 MHz	
			Number of	Value	Limit	
	Pulse Width	Period	Pulses	(%)	(%)	Results
	N/A	N/A	5	N/A	N/A	N/A

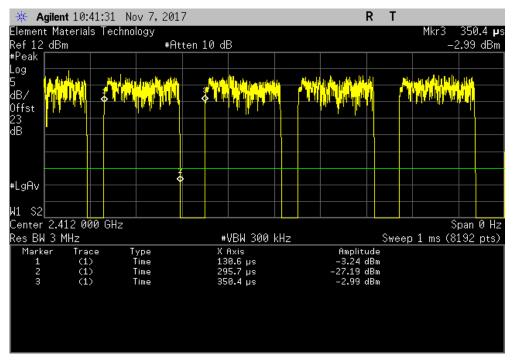


Report No. DGII0215.1 30/88

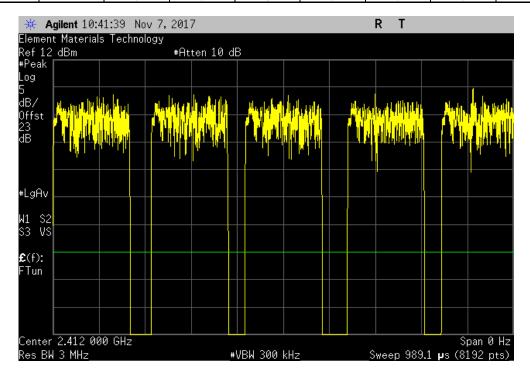


TbtTx 2017.10.04 XMit 2017.09.21

	2400 MHz -	2483.5 MHz Ban	d, 802.11(n) MCS	7, Low Channel	1, 2412 MHz		
			Number of	Value	Limit		
	Pulse Width	Period	Pulses	(%)	(%)	Results	
	165.1 us	219.8 us	1	75.1	N/A	N/A	



	2400 MHz -	2483.5 MHz Ban	d, 802.11(n) MCS	67, Low Channel	1, 2412 MHz	
			Number of	Value	Limit	
	Pulse Width	Period	Pulses	(%)	(%)	Results
1	N/A	N/A	5	N/A	N/A	N/A

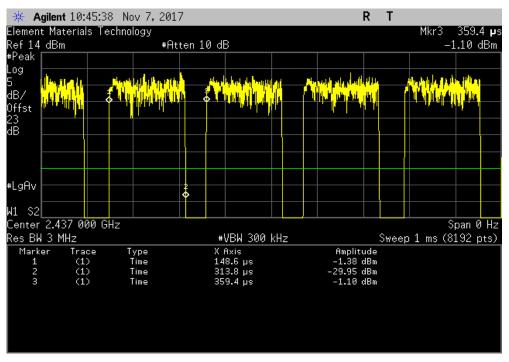


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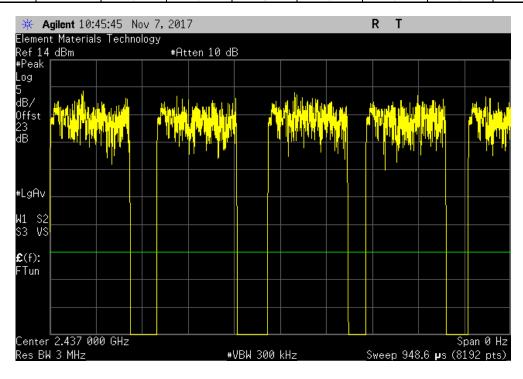


TNTv 2017 10 04 YMR 2017 09 21

2400 MHz - 2483.5 MHz Band, 802.11(n) MCS7, Mid Channel 6, 2437 MHz								
				Number of	Value	Limit		
		Pulse Width	Period	Pulses	(%)	(%)	Results	
		165.2 us	210.8 us	1	78.4	N/A	N/A	



2400 MHz -	- 2483.5 MHz Bar	nd, 802.11(n) MCS	S7, Mid Channel (6, 2437 MHz		
Number of Value Limit						
 Pulse Width	Period	Pulses	(%)	(%)	Results	
N/A	N/A	5	N/A	N/A	N/A	

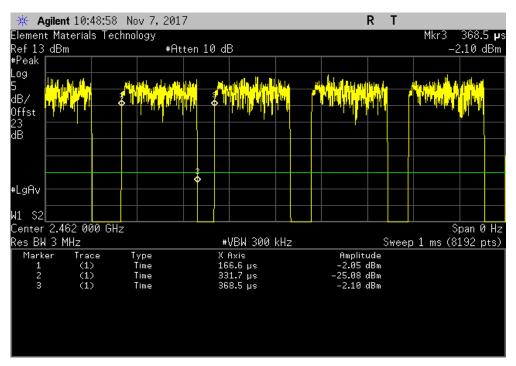


Report No. DGII0215.1 32/88

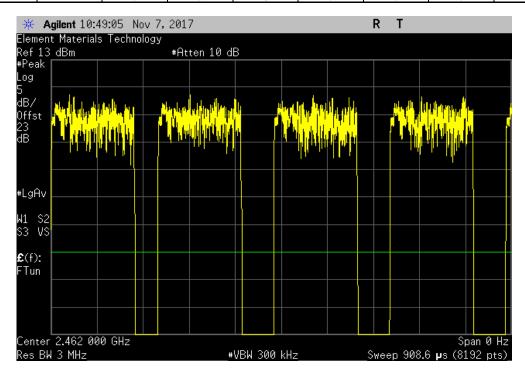


TbtTx 2017.10.04 XMit 2017.09.21

2400 MHz - 2483.5 MHz Band, 802.11(n) MCS7, High Channel 11, 2462 MHz								
				Number of	Value	Limit		
		Pulse Width	Period	Pulses	(%)	(%)	Results	
		165.1 us	201.9 us	1	81.8	N/A	N/A	



2400 MHz - 2	2483.5 MHz Band	l, 802.11(n) MCS	7, High Channel 1	1, 2462 MHz		
Number of Value Limit						
 Pulse Width	Period	Pulses	(%)	(%)	Results	
N/A	N/A	5	N/A	N/A	N/A	



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OCCUPIED BANDWIDTH



XMit 2017.09.21

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
Generator - Signal	Agilent	N5183A	TIK	29-Sep-17	29-Sep-20
Cable	ESM Cable Corp.	TTBJ141 KMKM-72	MNU	11-Sep-17	11-Sep-18
Attenuator	S.M. Electronics	SA26B-20	RFW	14-Feb-17	14-Feb-18
Block - DC	Fairview Microwave	SD3379	AMI	12-Sep-17	12-Sep-18
Analyzer - Spectrum Analyzer	Agilent	E4440A	AAX	16-Mar-17	16-Mar-18

TEST DESCRIPTION

The measurement was made using a direct connection between the RF output of the EUT and a spectrum analyzer. The EUT was set to the channels and modes listed in the datasheet.

The 6dB occupied bandwidth was measured using 100 kHz resolution bandwidth and 300 kHz video bandwidth. The 99.0% occupied bandwidth was also measured at the same time which can be needed during Output Power depending on the applicable method.

Report No. DGII0215.1 34/88

OCCUPIED BANDWIDTH



					TbtTx 2017.10.04	XMit 2017
	tivity Tracking Belt			Work Order:	DGII0263	
Serial Number: F8					7-Nov-17	
	gi International Inc			Temperature:		
Attendees: Co					22.7% RH	
Project: No				Barometric Pres.:		
Tested by: Du			Power: 5VDC	Job Site:	MN08	
ST SPECIFICATION	S		Test Method			
C 15.247:2017			ANSI C63.10:2013			
OMMENTS			<u> </u>			
JT powered by USB	connection					
EVIATIONS FROM T	EST STANDARD					
ne						
onfiguration #	1	Simulatura	Tustingparls			
		Signature	į,		Limit	
				Value	(>)	Result
100 MHz - 2483.5 MH	Pand			value	(~)	rtesuit
	2.11(b) 1 Mbps					
	Low Channel 1, 24			11.068 MHz	500 kHz	Pass
	Mid Channel 6, 24			10.935 MHz	500 kHz	Pass
	High Channel 11, 2	2462 MHz		11.888 MHz	500 kHz	Pass
80	2.11(b) 11 Mbps			44.044.1811	500111	
	Low Channel 1, 24			11.914 MHz	500 kHz	Pass
	Mid Channel 6, 24			11.66 MHz	500 kHz	Pass
	High Channel 11, 2	2462 MHz		11.816 MHz	500 kHz	Pass
80	2.11(g) 6 Mbps	440 MH I-		45 507 1411-	500 LUL-	D
	Low Channel 1, 24			15.527 MHz	500 kHz	Pass
	Mid Channel 6, 24			16.077 MHz	500 kHz	Pass
0.0	High Channel 11, 2	2462 MHz		15.623 MHz	500 kHz	Pass
80	2.11(g) 36 Mbps Low Channel 1, 24	40 MH-		16.016 MHz	500 kHz	Pass
						Pass
	Mid Channel 6, 24			16.224 MHz	500 kHz	
0.0	High Channel 11, 2	2462 MHZ		16.286 MHz	500 kHz	Pass
80	2.11(g) 54 Mbps	140 MIL-		16.126 MHz	500 kHz	D
	Low Channel 1, 24					Pass
	Mid Channel 6, 24			15.727 MHz 15.973 MHz	500 kHz	Pass Pass
0.0	High Channel 11, 2	2462 IVID2		15.973 IVITZ	500 kHz	Pass
80	2.11(n) MCS0	112 MHz		16.036 MHz	500 kHz	Pass
	Low Channel 1, 24			16.456 MHz	500 kHz	
	Mid Channel 6, 24					Pass
	High Channel 11, 2	∠40∠ IVI⊓Z		16.072 MHz	500 kHz	Pass
20	2 11(n) MCS7					
80	2.11(n) MCS7	12 MHz		16 262 MH-	500 kHz	Daca
80	2.11(n) MCS7 Low Channel 1, 24 Mid Channel 6, 24			16.362 MHz 16.382 MHz	500 kHz 500 kHz	Pass Pass

Report No. DGII0215.1 35/88

OCCUPIED BANDWIDTH

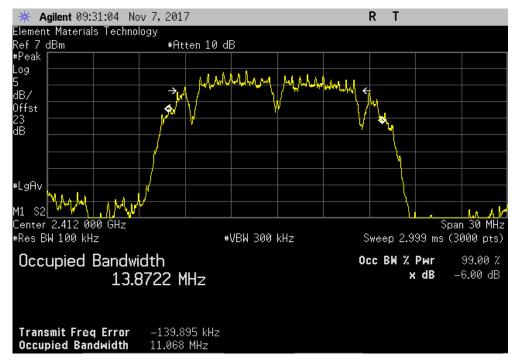


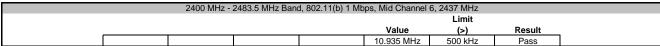
2400 MHz - 2483.5 MHz Band, 802.11(b) 1 Mbps, Low Channel 1, 2412 MHz

Limit

Value (>) Result

11.068 MHz 500 kHz Pass







Report No. DGII0215.1 36/88

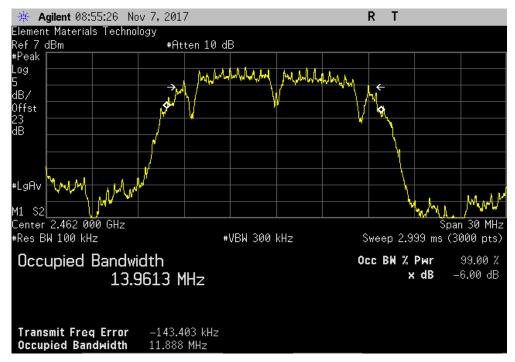


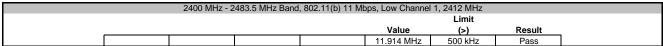
2400 MHz - 2483.5 MHz Band, 802.11(b) 1 Mbps, High Channel 11, 2462 MHz

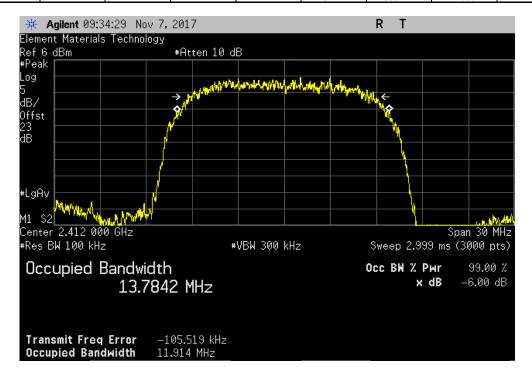
Limit

Value
(-)
Result

11.888 MHz
500 kHz
Pass







Report No. DGII0215.1 37/88

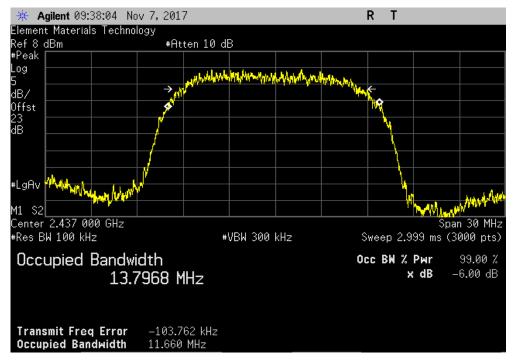


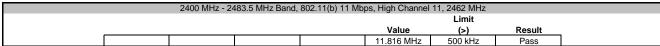
2400 MHz - 2483.5 MHz Band, 802.11(b) 11 Mbps, Mid Channel 6, 2437 MHz

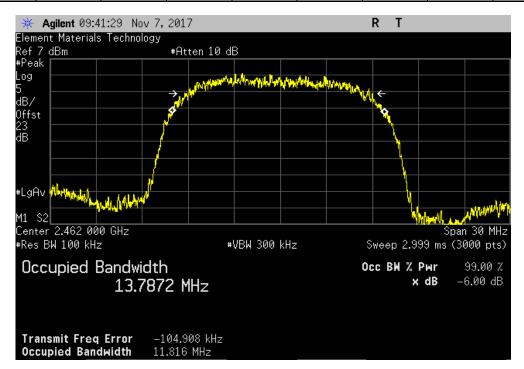
Limit

Value (>) Result

11.66 MHz 500 kHz Pass







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

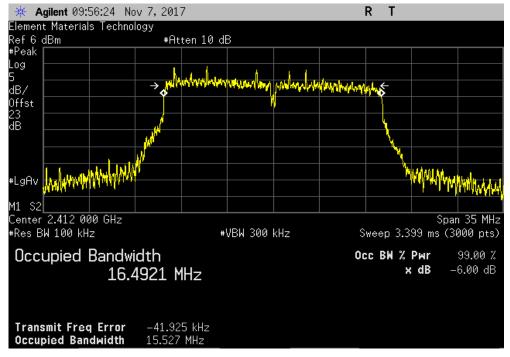
Limit

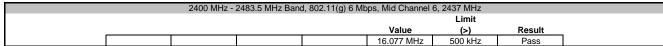
Value
(>)

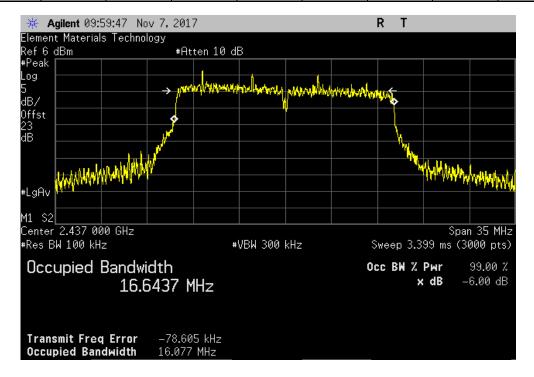
Result

15.527 MHz

Pass







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

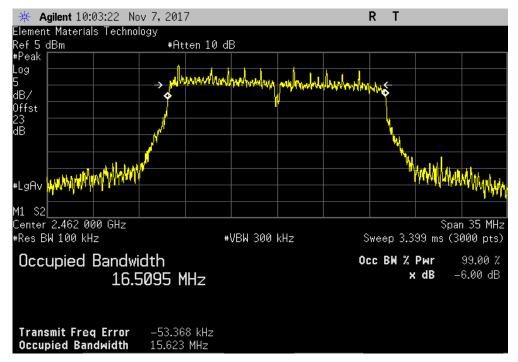
Limit

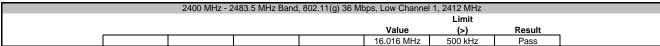
Value
(-)

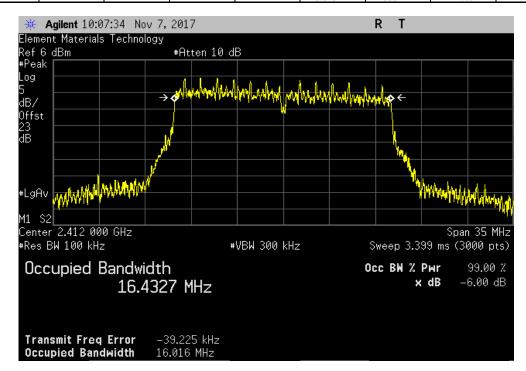
Result

15.623 MHz

Pass







Report No. DGII0215.1 40/88

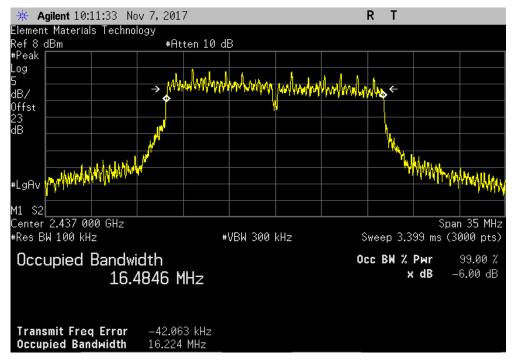


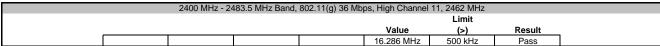
2400 MHz - 2483.5 MHz Band, 802.11(g) 36 Mbps, Mid Channel 6, 2437 MHz

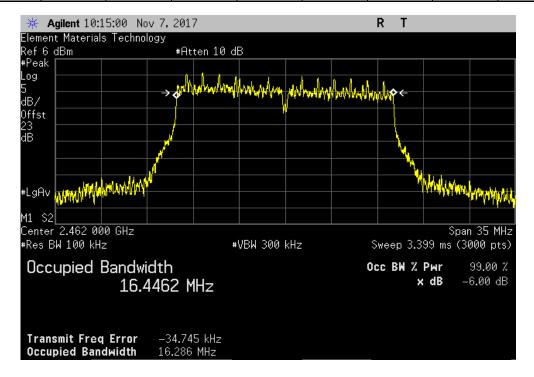
Limit

Value (-) Result

16.224 MHz 500 kHz Pass







Report No. DGII0215.1 41/88



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

Limit

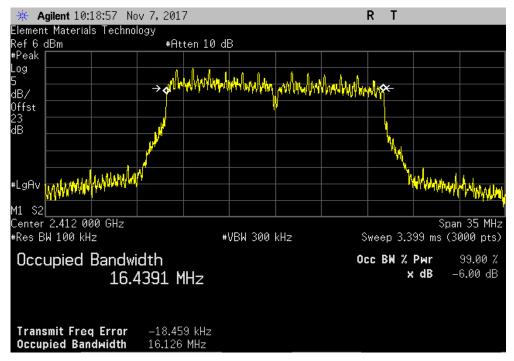
Value
(-)

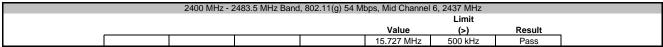
Result

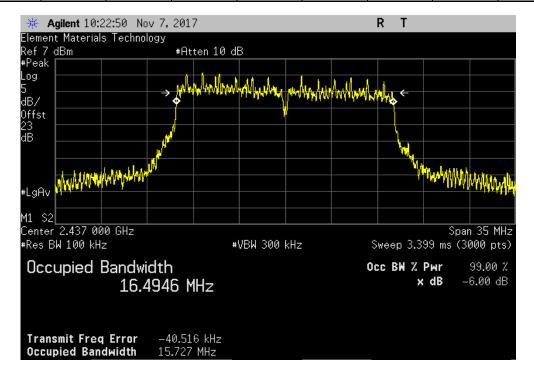
16.126 MHz

500 kHz

Pass







Report No. DGII0215.1 42/88



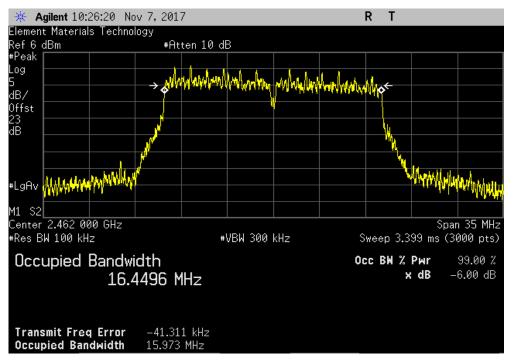
2400 MHz - 2483.5 MHz Band, 802.11(g) 54 Mbps, High Channel 11, 2462 MHz

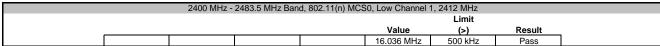
Limit

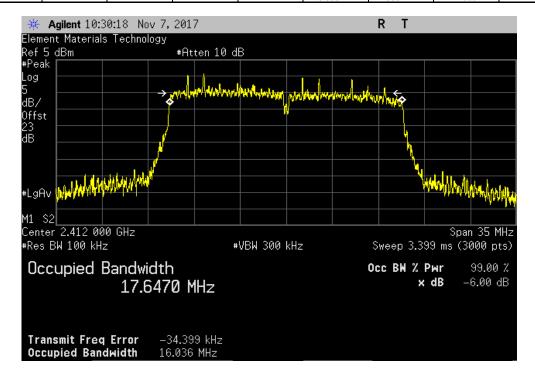
Value
(-)

Result

15.973 MHz
Pass







Report No. DGII0215.1 43/88

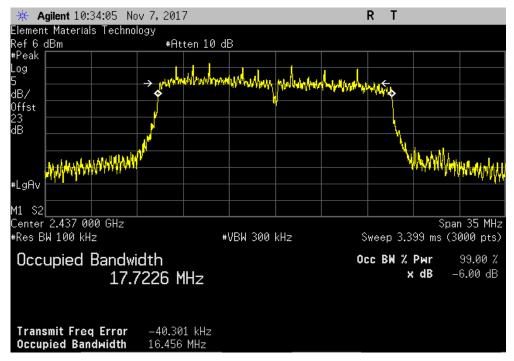


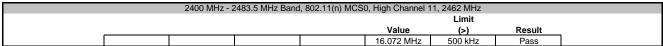
2400 MHz - 2483.5 MHz Band, 802.11(n) MCS0, Mid Channel 6, 2437 MHz

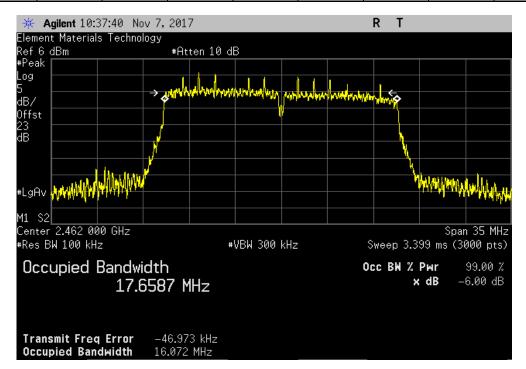
Limit

Value (-) Result

16.456 MHz 500 kHz Pass







Report No. DGII0215.1 44/88

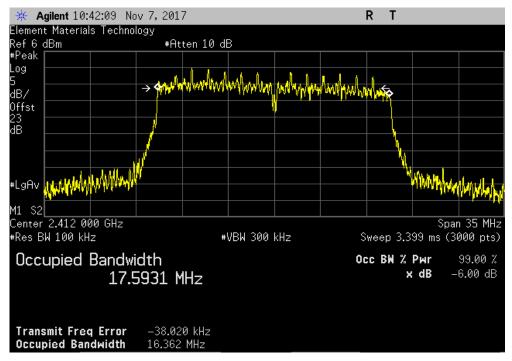


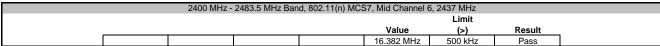
2400 MHz - 2483.5 MHz Band, 802.11(n) MCS7, Low Channel 1, 2412 MHz

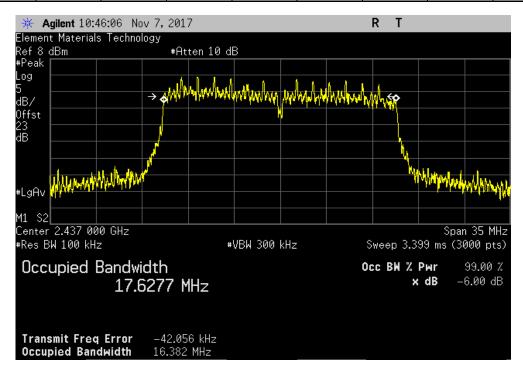
Limit

Value
(>) Result

16.362 MHz 500 kHz Pass







Report No. DGII0215.1 45/88



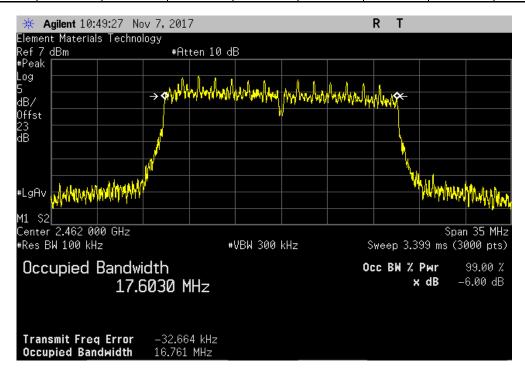
2400 MHz - 2483.5 MHz Band, 802.11(n) MCS7, High Channel 11, 2462 MHz

Limit

Value
(>)

Result

16.761 MHz
Pass



Report No. DGII0215.1 46/88



XMit 2017.09.21

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
Generator - Signal	Agilent	N5183A	TIK	29-Sep-17	29-Sep-20
Cable	ESM Cable Corp.	TTBJ141 KMKM-72	MNU	11-Sep-17	11-Sep-18
Attenuator	S.M. Electronics	SA26B-20	RFW	14-Feb-17	14-Feb-18
Block - DC	Fairview Microwave	SD3379	AMI	12-Sep-17	12-Sep-18
Analyzer - Spectrum Analyzer	Agilent	E4440A	AAX	16-Mar-17	16-Mar-18

TEST DESCRIPTION

The measurement was made using a direct connection between the RF output of the EUT and a spectrum analyzer. The fundamental emission output power (maximum average conducted output power) was measured using the channels and modes as called out on the following data sheets. The transmit power was set to its default maximum.

Prior to measuring output power; the emission bandwidth (B) and the transmission pulse duration (T) were measured. Both are required to determine the method of measuring Maximum Conducted Output Power. The transmission pulse duration (T) was measured using a zero span on the spectrum analyzer to see the pulses in the time domain.

The method AVGSA-2 in section 11.9.2.2.4 of ANSI C63.10:2013 was used to make the measurement. This method uses trace averaging across ON and OFF times of the EUT transmissions in the spectrum analyzer channel power function using an RMS detector. Following the measurement a duty cycle correction was applied by adding [10 log (1 / D)], where D is the duty cycle, to the measured power to compute the average power during the actual transmission times.

De Facto EIRP Limit: The EUT meets the de facto EIRP limit of +36 dBm.

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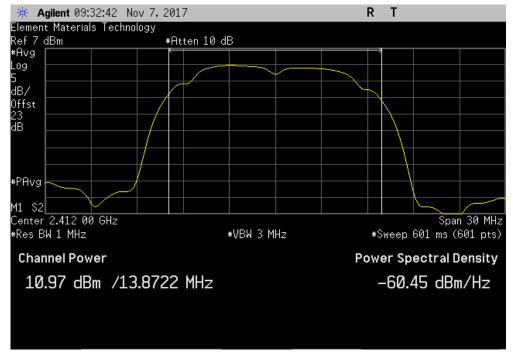
					TbtTx 2017.10.04	XMit 2017
	Activity Tracking Belt			Work Order:	DGII0263	
	F8F005FF1522			Date:	7-Nov-17	
	Digi International Inc			Temperature:	21.8 °C	
	Collin LaFave				22.8% RH	
Project:				Barometric Pres.:		
	Dustin Sparks	Power: 5VDC		Job Site:	MN08	
ST SPECIFICATI	IONS	Test Method				
C 15.247:2017		ANSI C63.10:2013				
OMMENTS						
JT powered by US	SB connection					
	M TEST STANDARD					
one						
onfiguration #	1 1	Dustindpards				
migaration #	Signatu	iie .				
		Avg Cond Pwr (dBm)	Duty Cycle Factor (dB)	Value (dBm)	Limit (dBm)	Results
00 MHz - 2483.5 N						
	802.11(b) 1 Mbps					
	Low Channel 1, 2412 MHz	10.969	0	11	30	Pass
	Mid Channel 6, 2437 MHz	12.713	0	12.7	30	Pass
	High Channel 11, 2462 MHz	12.74	0	12.8	30	Pass
	802.11(b) 11 Mbps					_
	Low Channel 1, 2412 MHz	10.806	0.2	11	30	Pass
	Mid Channel 6, 2437 MHz	12.645	0.2	12.8	30	Pass
	High Channel 11, 2462 MHz	12.568	0.3	12.9	30	Pass
	802.11(g) 6 Mbps					_
	Low Channel 1, 2412 MHz	10.399	0.1	10.5	30	Pass
	Mid Channel 6, 2437 MHz	12.208	0.2	12.4	30	Pass
	High Channel 11, 2462 MHz	11.327	0.2	11.5	30	Pass
	802.11(g) 36 Mbps					_
	Low Channel 1, 2412 MHz	9.786	1	10.8	30	Pass
	Mid Channel 6, 2437 MHz	11.593	0.8	12.4	30	Pass
	High Channel 11, 2462 MHz	10.748	1	11.7	30	Pass
	802.11(g) 54 Mbps	2.242				
	Low Channel 1, 2412 MHz	9.618	0.8	10.4	30	Pass
	Mid Channel 6, 2437 MHz	11.465	0.8	12.3 11.4	30	Pass
	High Channel 11, 2462 MHz 802.11(n) MCS0	10.621	0.8	11.4	30	Pass
		10.378	0.2	10.6	20	Pass
	Low Channel 1, 2412 MHz Mid Channel 6, 2437 MHz	10.378	0.2	10.6	30 30	Pass
	High Channel 11, 2462 MHz	11.346	0.2	11.5	30	Pass
		11.340	0.1	11.3	30	F 488
	802.11(n) MCS7					
	802.11(n) MCS7	9.483	1.2	10.7	30	Pass
		9.483 11.389	1.2 1.1	10.7 12.4	30 30	Pass Pass

Report No. DGII0215.1 48/88

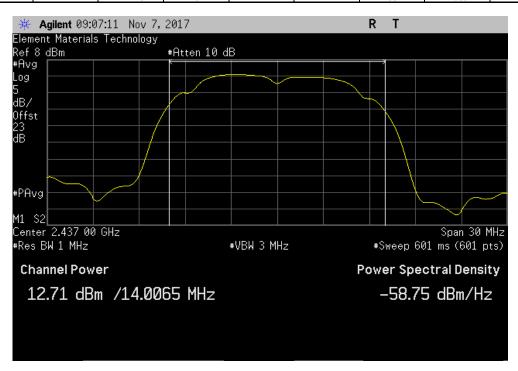


TbtTx 2017.10.04 XMit 2017.09.21

2400 MHz -	2483.5 MHz Band	d, 802.11(b) 1 Mbp	os, Low Channel	1, 2412 MHz	
Avg Cond	Duty Cycle		Value	Limit	
Pwr (dBm)	Factor (dB)		(dBm)	(dBm)	Results
10.969	0		11	30	Pass



	2400 MHz - :	2483.5 MHz Band	d, 802.11(b) 1 Mb	ps, Mid Channel	6, 2437 MHz	
	Avg Cond	Duty Cycle		Value	Limit	
_	Pwr (dBm)	Factor (dB)		(dBm)	(dBm)	Results
l [12.713	0		12.7	30	Pass

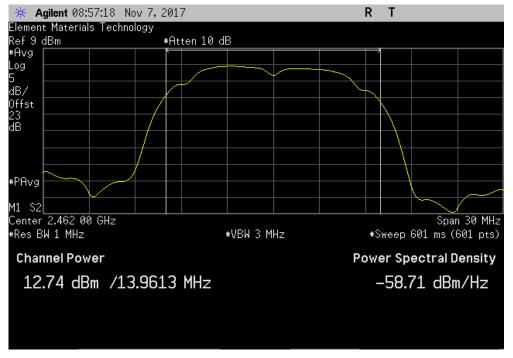


Report No. DGII0215.1 49/88

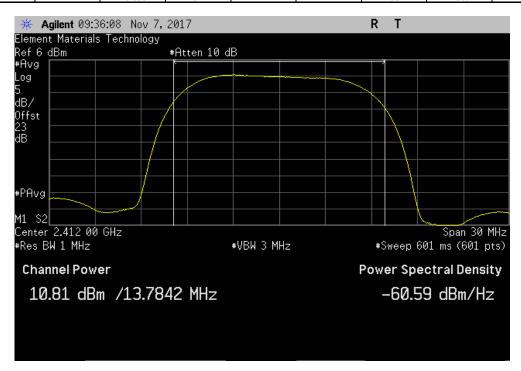


TbtTx 2017.10.04 XMit 2017.09.21

	2400 MHz - 2	483.5 MHz Band,	802.11(b) 1 Mbp	s, High Channel	11, 2462 MHz		
	Avg Cond	Duty Cycle		Value	Limit		
	Pwr (dBm)	Factor (dB)		(dBm)	(dBm)	Results	
	12.74	0		12.8	30	Pass	



	2400 MHz - 2	483.5 MHz Band	, 802.11(b) 11 Mb	ps, Low Channel	l 1, 2412 MHz	
	Avg Cond	Duty Cycle		Value	Limit	
_	Pwr (dBm)	Factor (dB)		(dBm)	(dBm)	Results
l	10.806	0.2		11	30	Pass

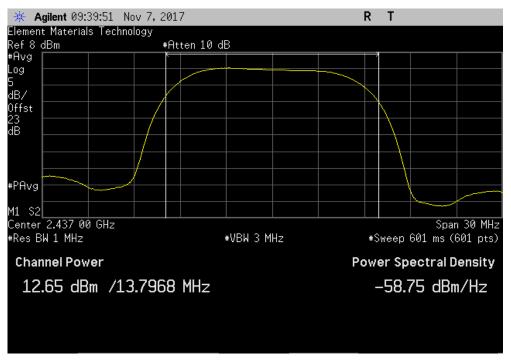


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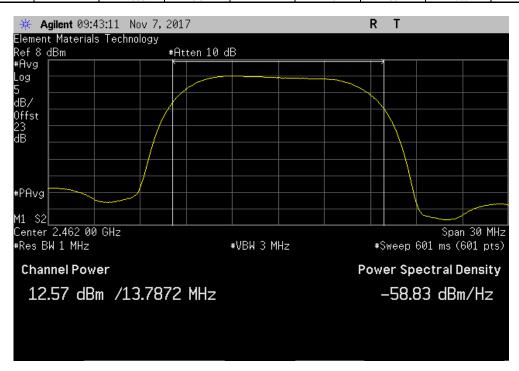


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	2400 MHz - 2	2483.5 MHz Band	l, 802.11(b) 11 Mb	ops, Mid Channel	6, 2437 MHz		
	Avg Cond	Duty Cycle		Value	Limit		
	Pwr (dBm)	Factor (dB)		(dBm)	(dBm)	Results	
	12.645	0.2		12.8	30	Pass	



	2400 MHz - 24	183.5 MHz Band,	802.11(b) 11 Mb _l	os, High Channel	11, 2462 MHz	
	Avg Cond	Duty Cycle		Value	Limit	
_	Pwr (dBm)	Factor (dB)		(dBm)	(dBm)	Results
l	12.568	0.3		12.9	30	Pass

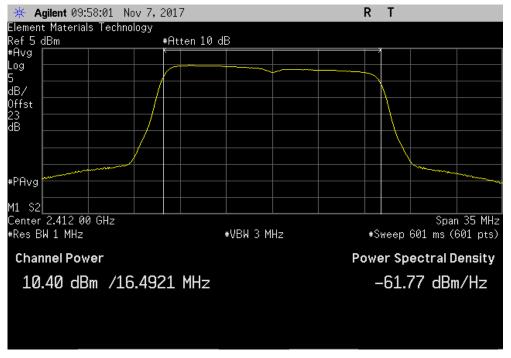


Report No. DGII0215.1 51/88

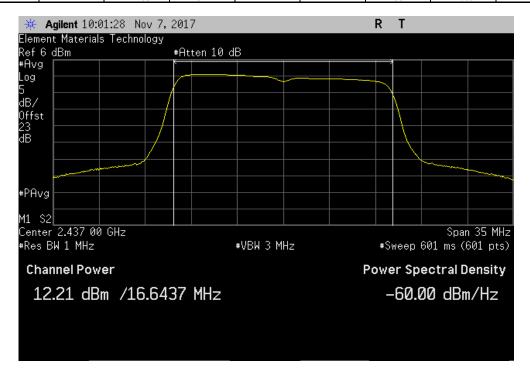


TbtTx 2017.10.04 XMit 2017.09.21

	2400 MHz - 2	2483.5 MHz Band	d, 802.11(g) 6 Mb	ps, Low Channel	1, 2412 MHz		
	Avg Cond	Duty Cycle		Value	Limit		
	Pwr (dBm)	Factor (dB)		(dBm)	(dBm)	Results	
	10.399	0.1		10.5	30	Pass	1



		2400 MHz - :	2483.5 MHz Band	d, 802.11(g) 6 Mb	ps, Mid Channel	6, 2437 MHz	
		Avg Cond	Duty Cycle		Value	Limit	
_		Pwr (dBm)	Factor (dB)		(dBm)	(dBm)	Results
ĺ	·	12.208	0.2		12.4	30	Pass

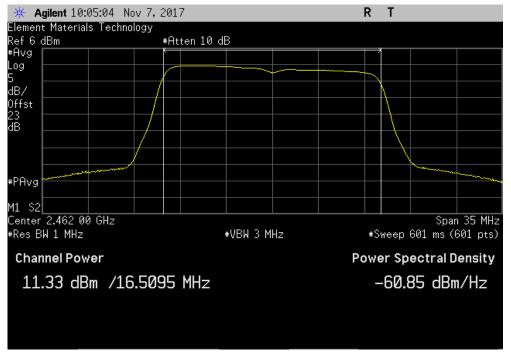


Report No. DGII0215.1 52/88

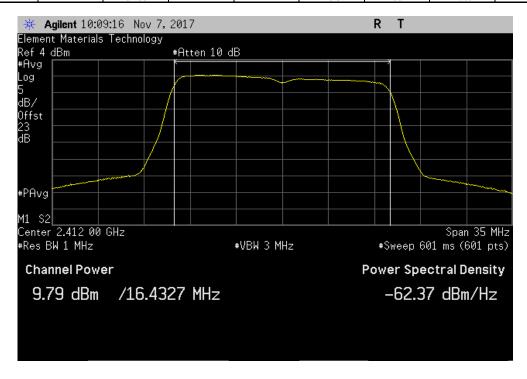


TbtTx 2017.10.04 XMit 2017.09.21

	2400 MHz - 2	483.5 MHz Band,	802.11(g) 6 Mbp	s, High Channel	11, 2462 MHz		
	Avg Cond	Duty Cycle		Value	Limit		
	Pwr (dBm)	Factor (dB)		(dBm)	(dBm)	Results	
	11.327	0.2		11.5	30	Pass	



2400 MHz - 2	483.5 MHz Band	, 802.11(g) 36 Mbps, Low Channel	1, 2412 MHz	
Avg Cond	Duty Cycle	Value	Limit	
 Pwr (dBm)	Factor (dB)	(dBm)	(dBm)	Results
9.786	1	10.8	30	Pass

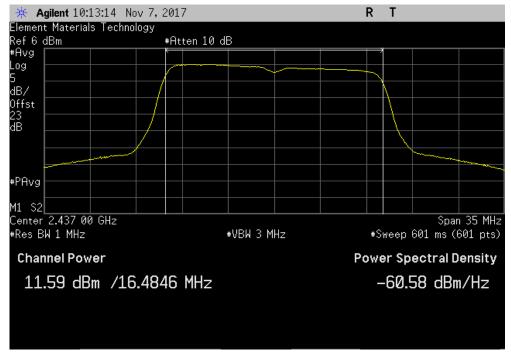


Report No. DGII0215.1 53/88

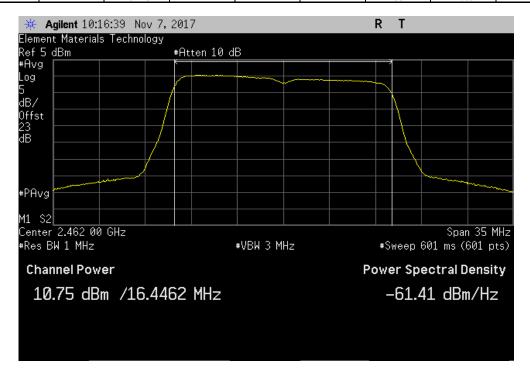


TbtTx 2017.10.04 XMit 2017.09.21

2400 MHz - 2483.5 MHz Band, 802.11(g) 36 Mbps, Mid Channel 6, 2437 MHz								
	Avg Cond	Duty Cycle		Value	Limit			
	Pwr (dBm)	Factor (dB)		(dBm)	(dBm)	Results		
	11.593	8.0		12.4	30	Pass		



	2400 MHz - 24	183.5 MHz Band,	802.11(g) 36 Mb _l	os, High Channel	11, 2462 MHz	
	Avg Cond	Duty Cycle		Value	Limit	
<u> </u>	Pwr (dBm)	Factor (dB)		(dBm)	(dBm)	Results
	10.748	1		11.7	30	Pass

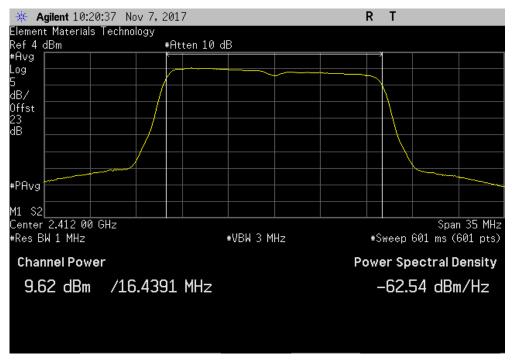


Report No. DGII0215.1 54/88

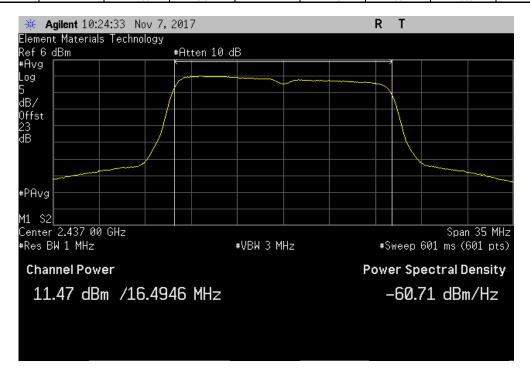


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2400 MHz - 2483.5 MHz Band, 802.11(g) 54 Mbps, Low Channel 1, 2412 MHz								
	Avg Cond	Duty Cycle		Value	Limit			
	Pwr (dBm)	Factor (dB)		(dBm)	(dBm)	Results		
	9.618	8.0		10.4	30	Pass		



	2400 MHz - 2483.5 MHz Band, 802.11(g) 54 Mbps, Mid Channel 6, 2437 MHz Avg Cond Duty Cycle Value Limit Pwr (dBm) Factor (dB) (dBm) (dBm) Results								
		Avg Cond	Duty Cycle		Value	Limit			
_		Pwr (dBm)	Factor (dB)		(dBm)	(dBm)	Results		
l [11.465	0.8		12.3	30	Pass		

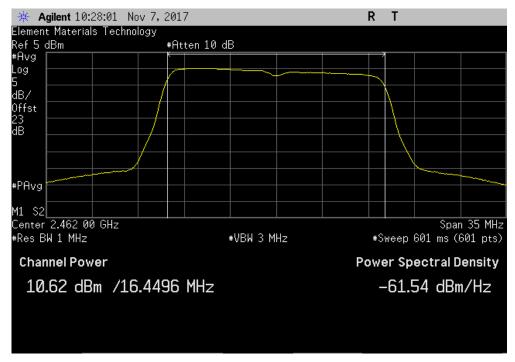


Report No. DGII0215.1 55/88

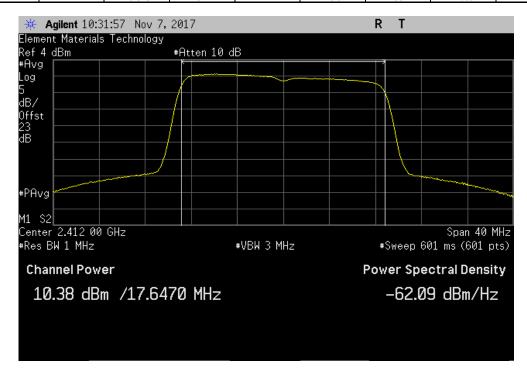


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2400 MHz - 2483.5 MHz Band, 802.11(g) 54 Mbps, High Channel 11, 2462 MHz									
	Avg Cond	Duty Cycle		Value	Limit				
	Pwr (dBm)	Factor (dB)		(dBm)	(dBm)	Results			
	10.621	8.0		11.4	30	Pass			



		2400 MHz -	2483.5 MHz Band	d, 802.11(n) MCS	0, Low Channel	1, 2412 MHz	
		Avg Cond	Duty Cycle		Value	Limit	
		Pwr (dBm)	Factor (dB)		(dBm)	(dBm)	Results
1 [<u> </u>	10.378	0.2		10.6	30	Pass

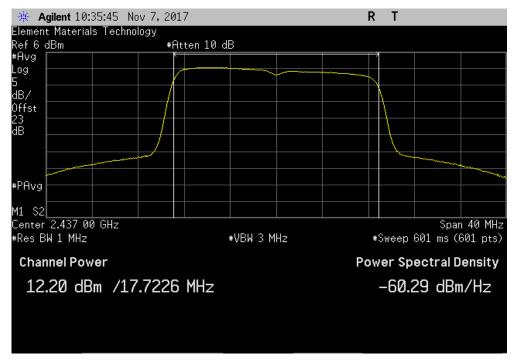


Report No. DGII0215.1 56/88

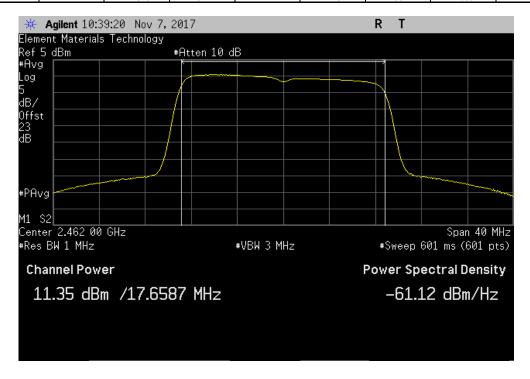


TbtTx 2017.10.04 XMit 2017.09.21

2400 MHz - 2483.5 MHz Band, 802.11(n) MCS0, Mid Channel 6, 2437 MHz									
	Avg Cond	Duty Cycle		Value	Limit				
	Pwr (dBm)	Factor (dB)		(dBm)	(dBm)	Results			
	12.197	0.2		12.4	30	Pass			



	2400 MHz - 2	2483.5 MHz Band	l, 802.11(n) MCS), High Channel 1	11, 2462 MHz	
	Avg Cond	Duty Cycle		Value	Limit	
_	Pwr (dBm)	Factor (dB)		(dBm)	(dBm)	Results
ĺ	11.346	0.1		11.5	30	Pass

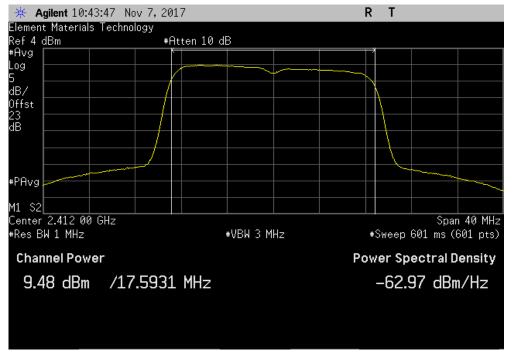


Report No. DGII0215.1 57/88

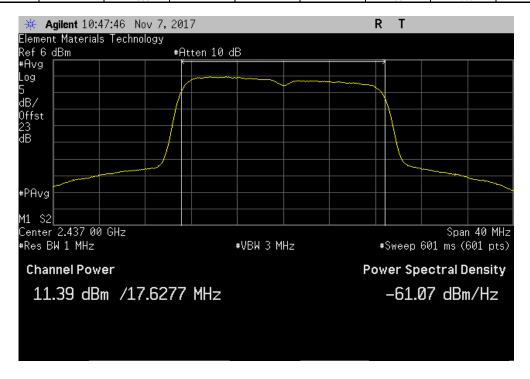


TbtTx 2017.10.04 XMit 2017.09.21

2400 MHz -	2483.5 MHz Band	d, 802.11(n) MCS	7, Low Channel	1, 2412 MHz	
Avg Cond	Duty Cycle		Value	Limit	
Pwr (dBm)	Factor (dB)		(dBm)	(dBm)	Results
9.483	1.2		10.7	30	Pass



2400 MHz - 2483.5 MHz Band, 802.11(n) MCS7, Mid Channel 6, 2437 MHz Avg Cond Dutty Cycle Value Limit Description (IDEN) (IDEN) (IDEN) (IDEN)									
	Avg Cond	Duty Cycle		Value	Limit				
	Pwr (dBm)	Factor (dB)		(dBm)	(dBm)	Results			
	11.389	1.1		12.4	30	Pass			

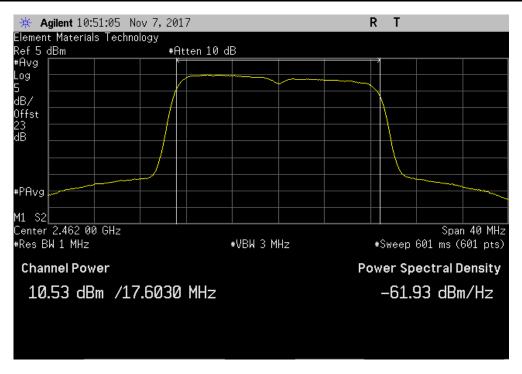


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TbtTx 2017.10.04 XMit 2017.09.21

2400 MHz - 2483.5 MHz Band, 802.11(n) MCS7, High Channel 11, 2462 MHz									
		Avg Cond	Duty Cycle		Value	Limit			
		Pwr (dBm)	Factor (dB)		(dBm)	(dBm)	Results		
		10.528	0.9		11.4	30	Pass		



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XMit 2017.09.21

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

. 20 . 20 2					
Description	Manufacturer	Model	ID	Last Cal.	Cal. Due
Generator - Signal	Agilent	N5183A	TIK	29-Sep-17	29-Sep-20
Cable	ESM Cable Corp.	TTBJ141 KMKM-72	MNU	11-Sep-17	11-Sep-18
Attenuator	S.M. Electronics	SA26B-20	RFW	14-Feb-17	14-Feb-18
Block - DC	Fairview Microwave	SD3379	AMI	12-Sep-17	12-Sep-18
Analyzer - Spectrum Analyzer	Agilent	E4440A	AAX	16-Mar-17	16-Mar-18

TEST DESCRIPTION

The measurement was made using a direct connection between the RF output of the EUT and a spectrum analyzer. The maximum power spectral density measurements was measured using the channels and modes as called out on the following data sheets.

Per the procedure outlined in ANSI C63.10 the peak power spectral density was measured in a 3 kHz RBW.

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EUT:	Activity Tracking Belt			Work Order:	DGII0263	
	: F8F005FF1522		7-Nov-17			
	: Digi International Inc	Temperature:				
	: Collin LaFave	-		: 22.7% RH		
Project:			Barometric Pres.:			
	: Dustin Sparks		Power: 5VDC	Job Site:		
EST SPECIFICAT			Test Method			
CC 15.247:2017			ANSI C63.10:2013			
OMMENTS						
UT powered by U	JSB connection					
51//ATIONS 55.01						
	M TEST STANDARD					
lone	-		797			
Configuration #	1		Dustin Spards			
omiguration #	'	Signature	Visting parts			
		Signature	`	Value	Limit	
				dBm/3kHz	< dBm/3kHz	Results
400 MHz - 2483.5	MHz Band			abilijoni iz	₹ GBIII/ORI IE	resuits
400 WI IZ 2400.0	802.11(b) 1 Mbps					
		el 1, 2412 MHz		-12.748	8	Pass
		l 6, 2437 MHz		-11.249	8	Pass
		el 11, 2462 MHz		-10.562	8	Pass
	802.11(b) 11 Mbps	711, 2102 111112		10.002		. 400
		el 1, 2412 MHz		-10.426	8	Pass
		l 6, 2437 MHz		-11.579	8	Pass
		el 11, 2462 MHz		-10.942	8	Pass
	802.11(g) 6 Mbps					
		el 1, 2412 MHz		-13.483	8	Pass
		l 6, 2437 MHz	-11.568	8	Pass	
		el 11, 2462 MHz		-12.535	8	Pass
	802.11(g) 36 Mbps					
		el 1, 2412 MHz		-14.257	8	Pass
		l 6, 2437 MHz		-11.305	8	Pass
	High Channe	el 11, 2462 MHz		-12.835	8	Pass
	802.11(g) 54 Mbps					
		el 1, 2412 MHz		-14.396	8	Pass
	Mid Channel	l 6, 2437 MHz		-11.761	8	Pass
	High Channe	el 11, 2462 MHz		-12.875	8	Pass
	802.11(n) MCS0					
	Low Channe	el 1, 2412 MHz		-12.973	8	Pass
	Mid Channel	l 6, 2437 MHz		-12.537	8	Pass
		el 11, 2462 MHz		-13.307	8	Pass
	802.11(n) MCS7					
		el 1, 2412 MHz		-13.981	8	Pass
	Low Channe	el 1, 2412 MHz I 6, 2437 MHz		-13.981 -12.07	8 8	Pass Pass

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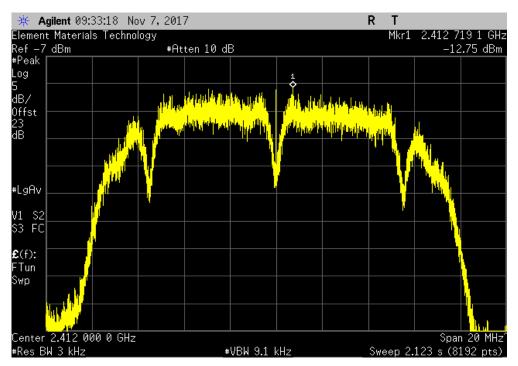


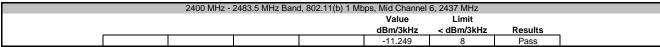
2400 MHz - 2483.5 MHz Band, 802.11(b) 1 Mbps, Low Channel 1, 2412 MHz

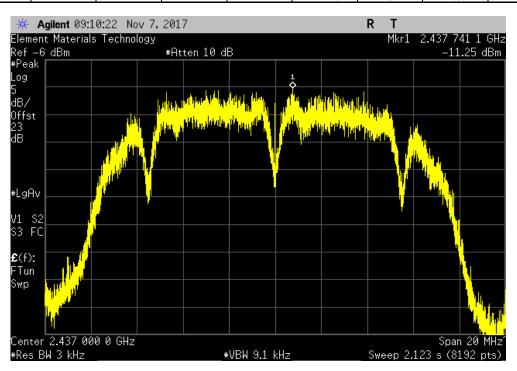
Value Limit

dBm/3kHz < dBm/3kHz Results

-12.748 8 Pass



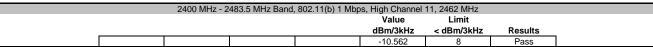


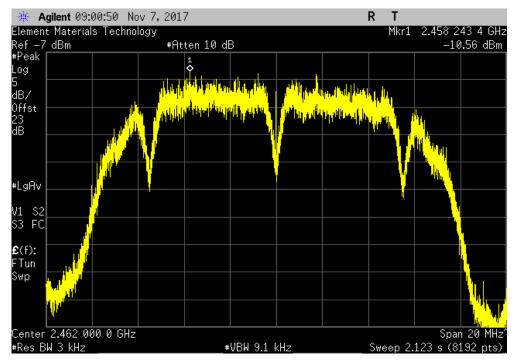


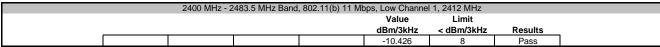
Report No. DGII0215.1 62/88

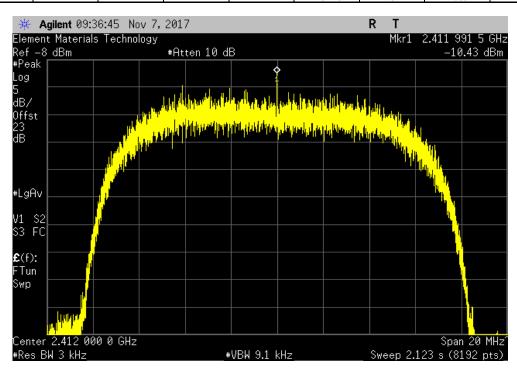


2400 MHz - 2483.5 MHz Band, 802.11(b) 1 Mbps, High Channel 11, 2462 MHz









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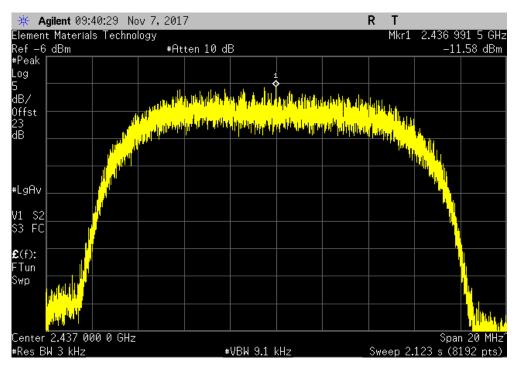


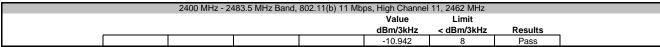
2400 MHz - 2483.5 MHz Band, 802.11(b) 11 Mbps, Mid Channel 6, 2437 MHz

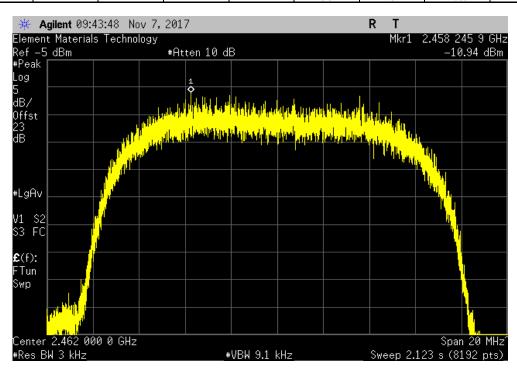
Value Limit

dBm/3kHz < dBm/3kHz Results

-11.579 8 Pass







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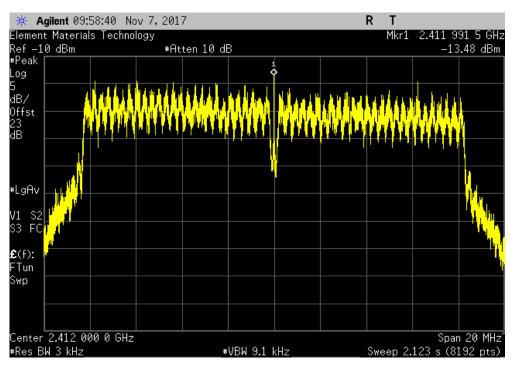


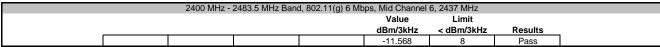
2400 MHz - 2483.5 MHz Band, 802.11(g) 6 Mbps, Low Channel 1, 2412 MHz

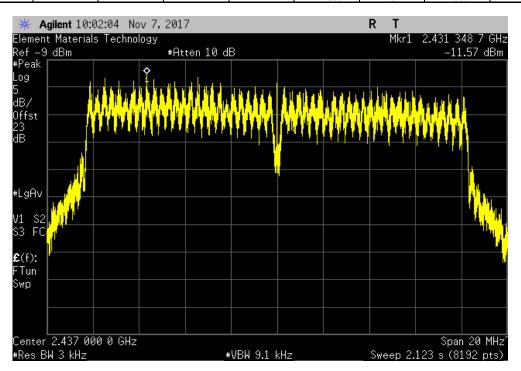
Value Limit

dBm/3kHz < dBm/3kHz Results

-13.483 8 Pass







Report No. DGII0215.1 65/88

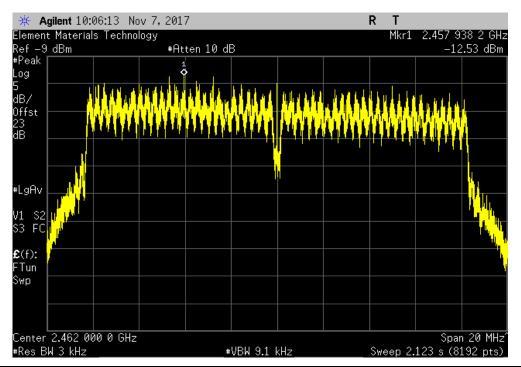


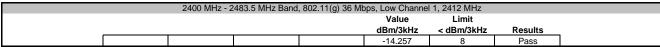
2400 MHz - 2483.5 MHz Band, 802.11(g) 6 Mbps, High Channel 11, 2462 MHz

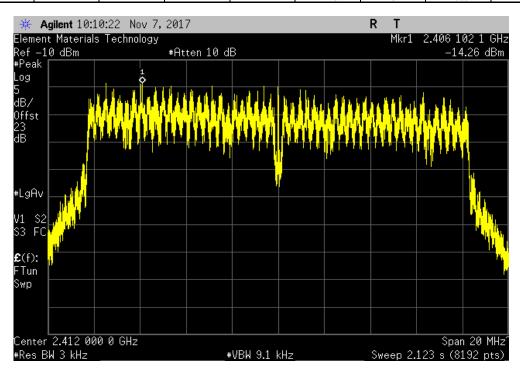
Value Limit

dBm/3kHz < dBm/3kHz Results

-12.535 8 Pass







Report No. DGII0215.1 66/88

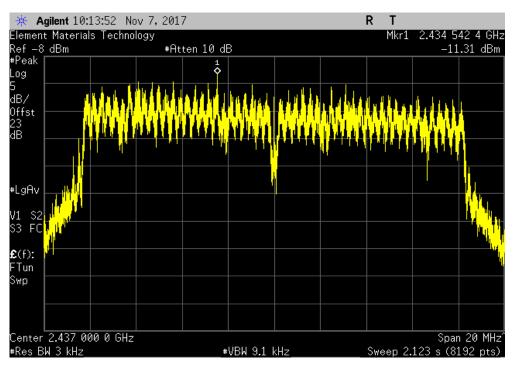


2400 MHz - 2483.5 MHz Band, 802.11(g) 36 Mbps, Mid Channel 6, 2437 MHz

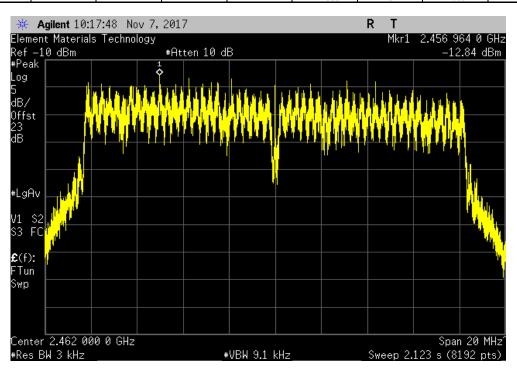
Value Limit

dBm/3kHz < dBm/3kHz Results

-11.305 8 Pass



2400 MHz - 2483.5 MHz Band, 802.11(g) 36 Mbps, High Channel 11, 2462 MHz									
					Value	Limit			
					dBm/3kHz	< dBm/3kHz	Results		
					-12.835	8	Pass		



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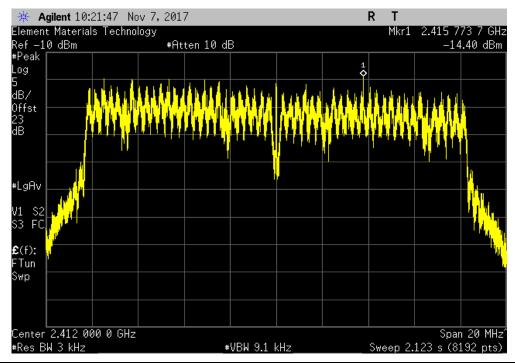
Pass

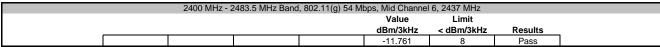
2400 MHz - 2483.5 MHz Band, 802.11(g) 54 Mbps, Low Channel 1, 2412 MHz

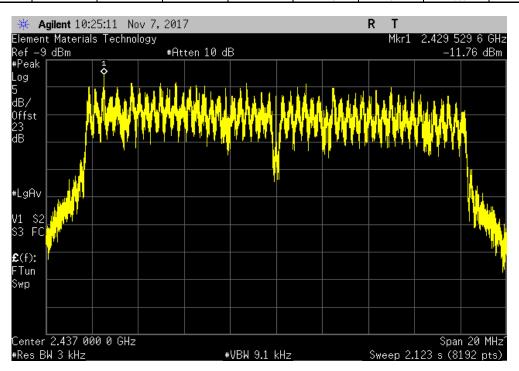
Value Limit

dBm/3kHz < dBm/3kHz Results

-14.396





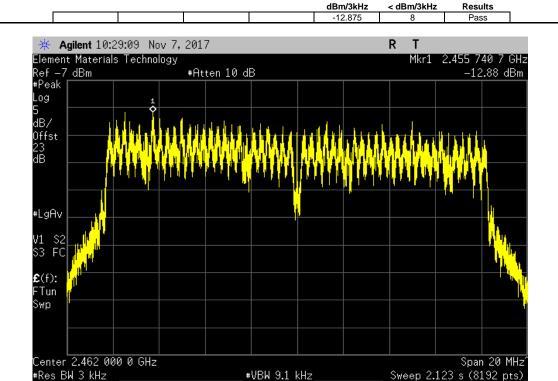


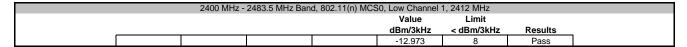
Report No. DGII0215.1 68/88

#Res BW 3 kHz

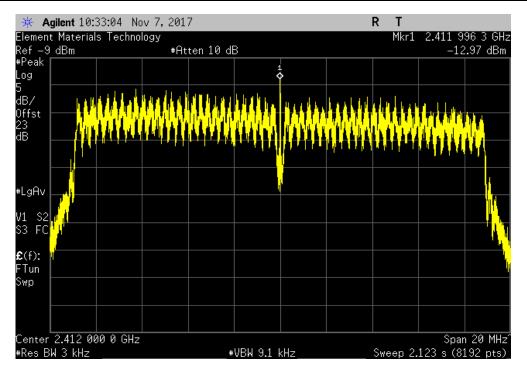


2400 MHz - 2483.5 MHz Band, 802.11(g) 54 Mbps, High Channel 11, 2462 MHz Value Limit





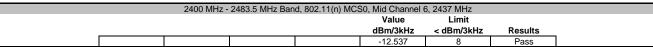
#VBW 9.1 kHz

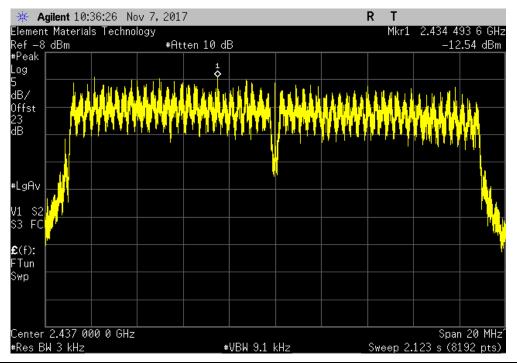


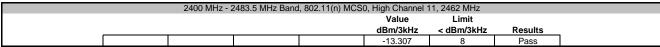
Report No. DGII0215.1 69/88

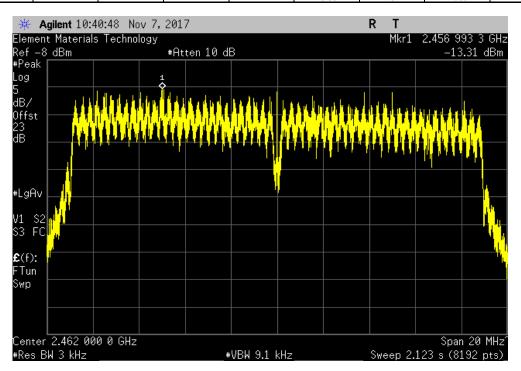


2400 MHz - 2483.5 MHz Band, 802.11(n) MCS0, Mid Channel 6, 2437 MHz









Report No. DGII0215.1 70/88

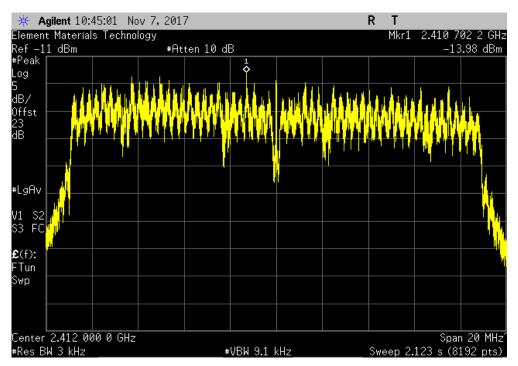


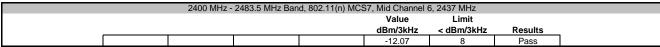
2400 MHz - 2483.5 MHz Band, 802.11(n) MCS7, Low Channel 1, 2412 MHz

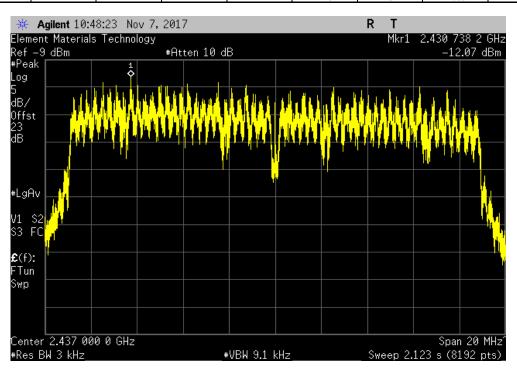
Value Limit

dBm/3kHz < dBm/3kHz Results

-13.981 8 Pass







Report No. DGII0215.1 71/88

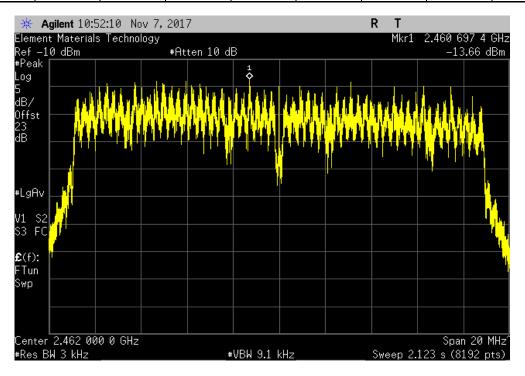


2400 MHz - 2483.5 MHz Band, 802.11(n) MCS7, High Channel 11, 2462 MHz

Value Limit

dBm/3kHz < dBm/3kHz Results

-13.662 8 Pass



Report No. DGII0215.1 72/88



XMit 2017.09.21

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
Generator - Signal	Agilent	N5183A	TIK	29-Sep-17	29-Sep-20
Cable	ESM Cable Corp.	TTBJ141 KMKM-72	MNU	11-Sep-17	11-Sep-18
Attenuator	S.M. Electronics	SA26B-20	RFW	14-Feb-17	14-Feb-18
Block - DC	Fairview Microwave	SD3379	AMI	12-Sep-17	12-Sep-18
Analyzer - Spectrum Analyzer	Agilent	E4440A	AAX	16-Mar-17	16-Mar-18

TEST DESCRIPTION

The measurement was made using a direct connection between the RF output of the EUT and a spectrum analyzer. The spurious RF conducted emissions at the edges of the authorized bands were measured with the EUT set to low and high transmit frequencies in each available band. The channels closest to the band edges were selected. The EUT was transmitting at the data rate(s) listed in the datasheet.

The spectrum was scanned below the lower band edge and above the higher band edge.

An RMS detector was used to match the method called out for Output Power. Because the reference level was taken with an RMS detector, the attenuation requirement is -30 dBc.

Report No. DGII0215.1 73/88



				TbtTx 2017.10.04	XMit 20
	Activity Tracking Belt		Work Order:		
Serial Number:				7-Nov-17	
	Digi International Inc		Temperature:		
	Collin LaFave		Humidity:		
Project:			Barometric Pres.:		
	Dustin Sparks	Power: 5VDC	Job Site:	MN08	
EST SPECIFICATI	ONS	Test Method			
CC 15.247:2017		ANSI C63.10:2013			
COMMENTS					
UT powered by U	SB connection				
	I TEST STANDARD				
lone					
	1	tingpards			
Configuration #	1 Vis	truxpares			
	Signature	(
			Value	Limit	
			(dBc)	≤ (dBc)	Result
400 MHz - 2483.5 M					
	802.11(b) 1 Mbps				
	Low Channel 1, 2412 MHz		-33.86	-30	Pass
	High Channel 11, 2462 MHz		-57.65	-30	Pass
	802.11(b) 11 Mbps				_
	Low Channel 1, 2412 MHz		-36.64	-30	Pass
	High Channel 11, 2462 MHz		-58.53	-30	Pass
	802.11(g) 6 Mbps				_
	Low Channel 1, 2412 MHz		-30.58	-30	Pass
	High Channel 11, 2462 MHz		-42.4	-30	Pass
	802.11(g) 36 Mbps		0.155		
	Low Channel 1, 2412 MHz		-31.55	-30	Pass
	High Channel 11, 2462 MHz		-42.97	-30	Pass
	802.11(g) 54 Mbps		04.04	00	D
	Low Channel 1, 2412 MHz		-31.81	-30	Pass
	High Channel 11, 2462 MHz		-42.94	-30	Pass
	802.11(n) MCS0		00.04	00	D
	Low Channel 1, 2412 MHz		-30.64	-30	Pass
	High Channel 11, 2462 MHz		-39.5	-30	Pass
	802.11(n) MCS7 Low Channel 1, 2412 MHz		-31.86	-30	De
					Pass
	High Channel 11, 2462 MHz		-40.98	-30	Pass

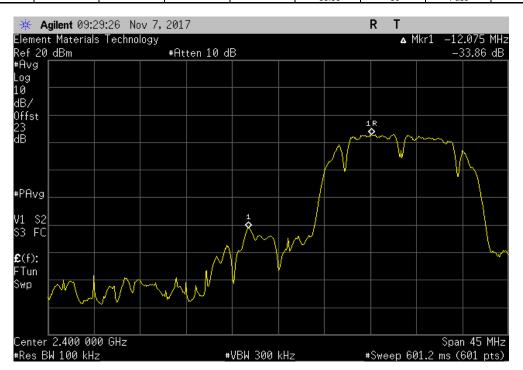
Report No. DGII0215.1 74/88

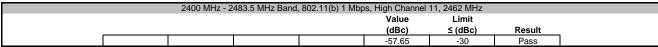


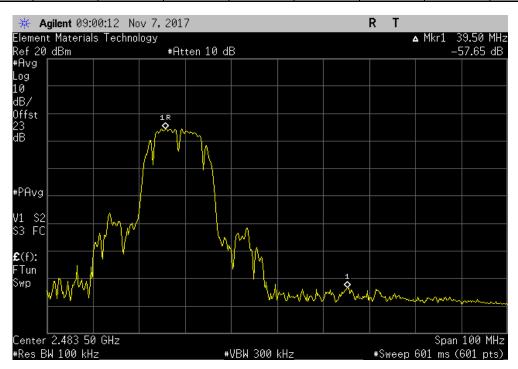
2400 MHz - 2483.5 MHz Band, 802.11(b) 1 Mbps, Low Channel 1, 2412 MHz

Value Limit
(dBc) ≤ (dBc) Result

-33.86 -30 Pass







Report No. DGII0215.1 75/88



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

Value

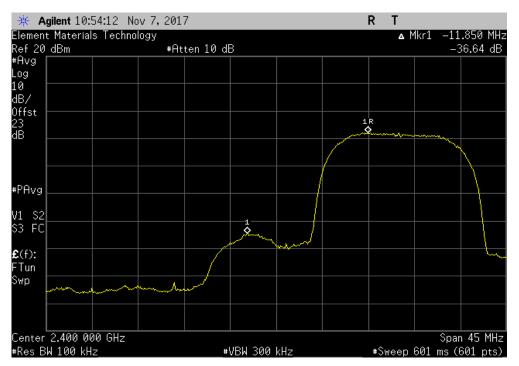
(dBc) ≤ (dBc)

Result

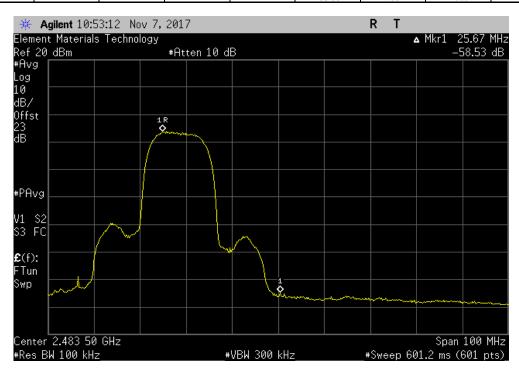
-36.64

-30

Pass



2400 MHz - 2483.5 MHz Band, 802.11(b) 11 Mbps, High Channel 11, 2462 MHz								
Value Limit								
				(dBc)	≤ (dBc)	Result		
				-58.53	-30	Pass		



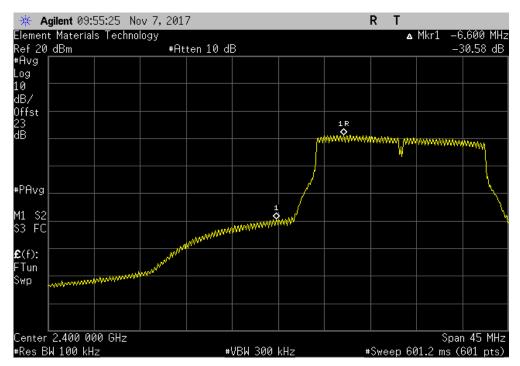
Report No. DGII0215.1 76/88

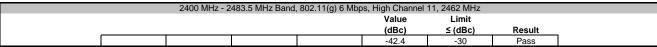


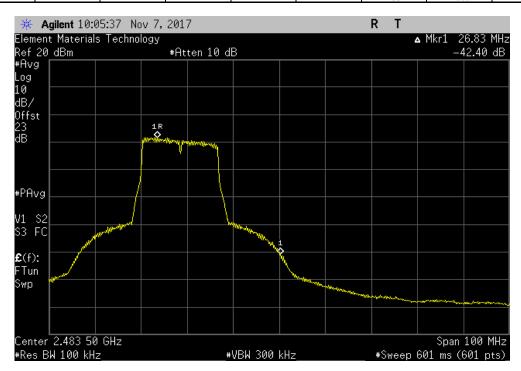
2400 MHz - 2483.5 MHz Band, 802.11(g) 6 Mbps, Low Channel 1, 2412 MHz

Value Limit
(dBc) ≤ (dBc) Result

-30.58 -30 Pass







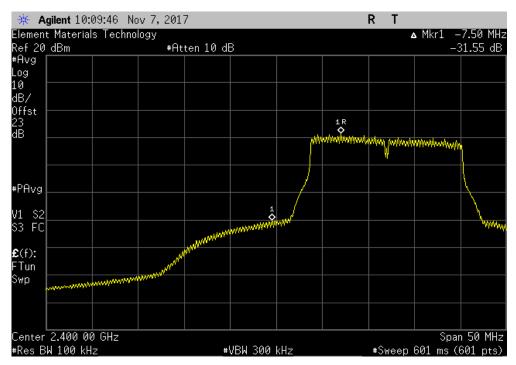
Report No. DGII0215.1 77/88

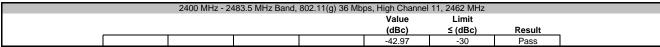


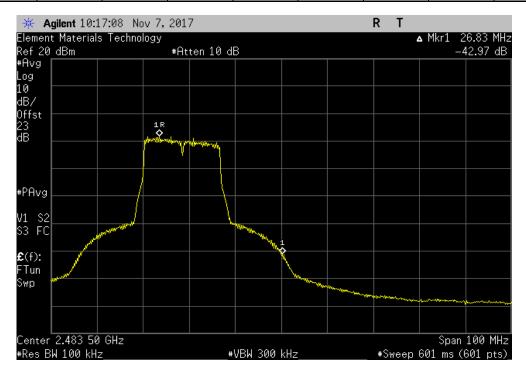
2400 MHz - 2483.5 MHz Band, 802.11(g) 36 Mbps, Low Channel 1, 2412 MHz

Value Limit
(dBc) ≤ (dBc) Result

-31.55 -30 Pass







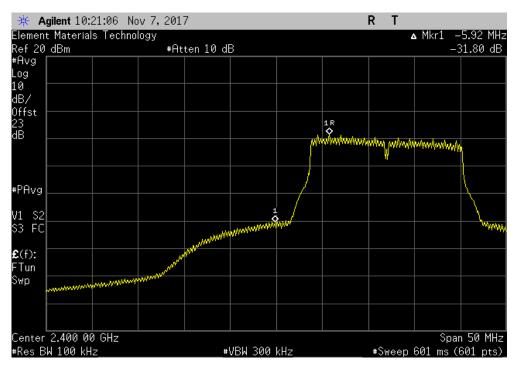
Report No. DGII0215.1 78/88

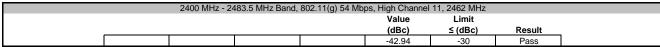


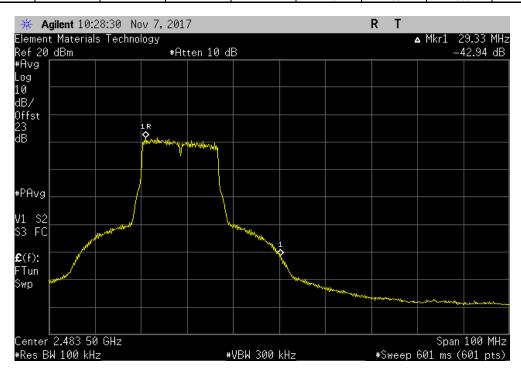
2400 MHz - 2483.5 MHz Band, 802.11(g) 54 Mbps, Low Channel 1, 2412 MHz

Value Limit
(dBc) ≤ (dBc) Result

-31.81 -30 Pass







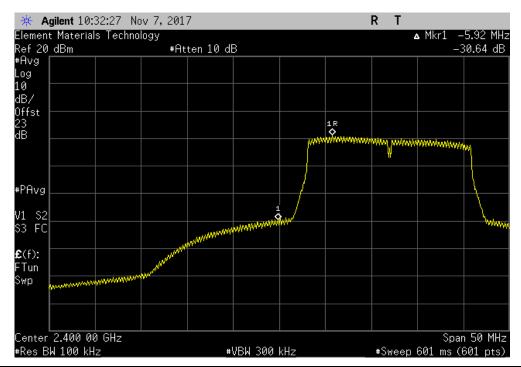
Report No. DGII0215.1 79/88

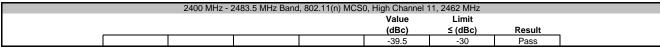


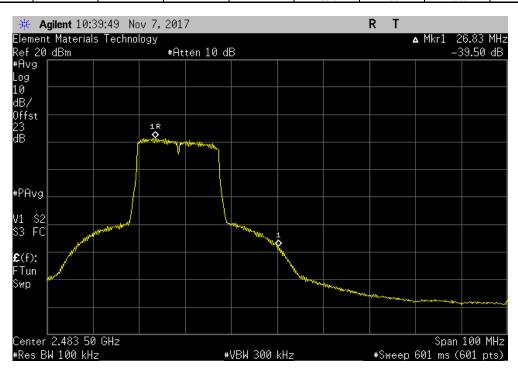
2400 MHz - 2483.5 MHz Band, 802.11(n) MCS0, Low Channel 1, 2412 MHz

Value Limit
(dBc) ≤ (dBc) Result

-30.64 -30 Pass







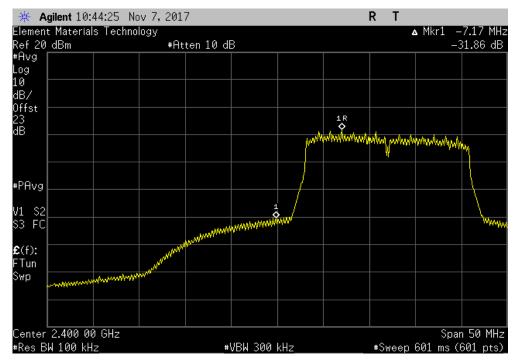
Report No. DGII0215.1 80/88

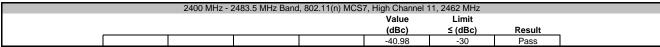


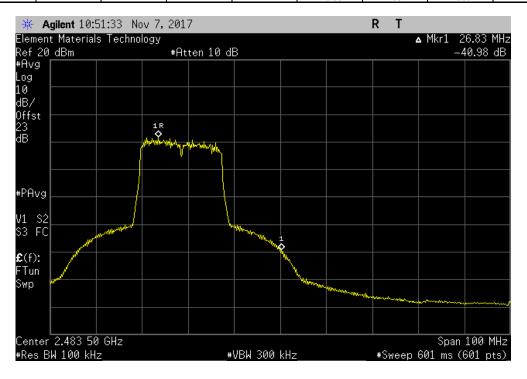
2400 MHz - 2483.5 MHz Band, 802.11(n) MCS7, Low Channel 1, 2412 MHz

Value Limit
(dBc) ≤ (dBc) Result

-31.86 -30 Pass







Report No. DGII0215.1 81/88



XMit 2017.09.21

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
Generator - Signal	Agilent	N5183A	TIK	29-Sep-17	29-Sep-20
Cable	ESM Cable Corp.	TTBJ141 KMKM-72	MNU	11-Sep-17	11-Sep-18
Attenuator	S.M. Electronics	SA26B-20	RFW	14-Feb-17	14-Feb-18
Block - DC	Fairview Microwave	SD3379	AMI	12-Sep-17	12-Sep-18
Analyzer - Spectrum Analyzer	Agilent	E4440A	AAX	16-Mar-17	16-Mar-18

TEST DESCRIPTION

The measurement was made using a direct connection between the RF output of the EUT and a spectrum analyzer. The spurious RF conducted emissions were measured with the EUT set to low, medium and high transmit frequencies. The EUT was transmitting at the data rate(s) listed in the datasheet. For each transmit frequency, the spectrum was scanned throughout the specified frequency range.

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					TbtTx 2017.10.04	XMit 2017.09
	y Tracking Belt			Work Order:		
Serial Number: F8F00					7-Nov-17	
Customer: Digi In	ternational Inc			Temperature:	21.9 °C	
Attendees: Collin	LaFave				22.7% RH	
Project: None				Barometric Pres.:		
Tested by: Dustin	Sparks		Power: 5VDC	Job Site:	MN08	
TEST SPECIFICATIONS			Test Method			
FCC 15.247:2017			ANSI C63.10:2013			
COMMENTS						
EUT powered by USB con	nection					
DEVIATIONS FROM TEST	STANDARD					
None						
Configuration #	1	Signature	Tustin Sparls			
Configuration #	1	Signature	Frequency	Max Value	Limit	Parent
	·	Signature	(Max Value (dBc)	Limit ≤ (dBc)	Result
2400 MHz - 2483.5 MHz Ba	nd	Signature	Frequency			Result
2400 MHz - 2483.5 MHz Ba	nd (b) 1 Mbps	Signature	Frequency	(dBc)	≤ (dBc)	
2400 MHz - 2483.5 MHz Ba	nd (b) 1 Mbps Low Channe	Signature	Frequency Range			Result N/A Pass
2400 MHz - 2483.5 MHz Ba	nd (b) 1 Mbps Low Channe Low Channe	Signature	Frequency Range Fundamental	(dBc)	≤ (dBc)	N/A
400 MHz - 2483.5 MHz Ba	nd (b) 1 Mbps Low Channe Low Channe Low Channe	Signature 91 1, 2412 MHz 91 1, 2412 MHz	Frequency Range Fundamental 30 MHz - 12.5 GHz	(dBc) N/A -52.82	≤ (dBc) N/A -30	N/A Pass
400 MHz - 2483.5 MHz Ba	nd (b) 1 Mbps Low Channe Low Channe Low Channe Mid Channel	Signature 9l 1, 2412 MHz 9l 1, 2412 MHz 9l 1, 2412 MHz	Frequency Range Fundamental 30 MHz - 12.5 GHz 12.5 GHz - 25 GHz	(dBc) N/A -52.82 -54.17	S (dBc) N/A -30 -30	N/A Pass Pass
400 MHz - 2483.5 MHz Ba	nd (b) 1 Mbps Low Channe Low Channe Low Channe Mid Channel Mid Channel	Signature 9I 1, 2412 MHz 9I 1, 2412 MHz 9I 1, 2412 MHz 9I 1, 2412 MHz 16, 2437 MHz 16, 2437 MHz	Frequency Range Fundamental 30 MHz - 12.5 GHz 12.5 GHz - 25 GHz Fundamental	(dBc) N/A -52.82 -54.17 N/A	N/A -30 -30 N/A	N/A Pass Pass N/A
2400 MHz - 2483.5 MHz Ba	nd (b) 1 Mbps Low Channe Low Channe Mid Channel Mid Channel Mid Channel	Signature 9I 1, 2412 MHz 9I 1, 2412 MHz 9I 1, 2412 MHz 16, 2437 MHz	Frequency Range Fundamental 30 MHz - 12.5 GHz 12.5 GHz - 25 GHz Fundamental 30 MHz - 12.5 GHz	N/A -52.82 -54.17 N/A -53.74	N/A -30 -30 N/A -30	N/A Pass Pass N/A Pass
2400 MHz - 2483.5 MHz Ba	nd (b) 1 Mbps Low Channe Low Channe Low Channe Mid Channel Mid Channel High Channel	Signature 9i 1, 2412 MHz 9i 1, 2412 MHz 9i 1, 2412 MHz 16, 2437 MHz 16, 2437 MHz 16, 2437 MHz 16, 2437 MHz	Frequency Range Fundamental 30 MHz - 12.5 GHz 12.5 GHz - 25 GHz Fundamental 30 MHz - 12.5 GHz 12.5 GHz - 25 GHz	N/A -52.82 -54.17 N/A -53.74 -54.09	N/A -30 -30 N/A -30 -30	N/A Pass Pass N/A Pass Pass

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

Frequency

Range

(dBc)

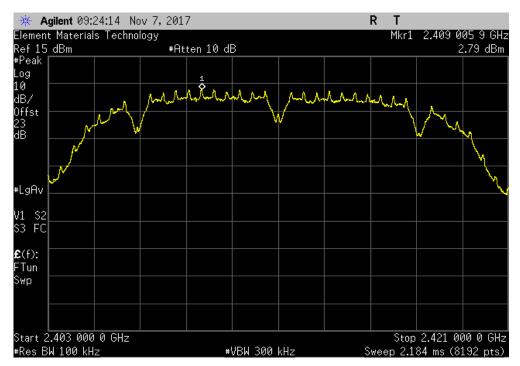
Fundamental

N/A

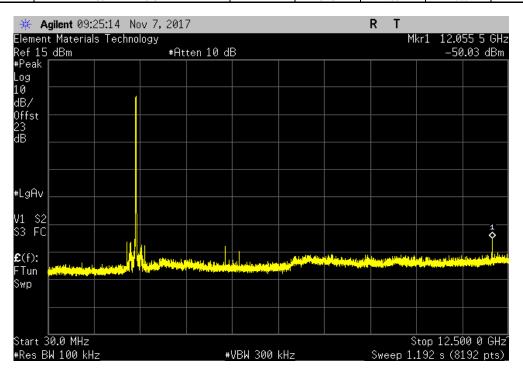
N/A

N/A

N/A



2400 MHz - 2483.5 MHz Band	2400 MHz - 2483.5 MHz Band, 802.11(b) 1 Mbps, Low Channel 1, 2412 MHz						
Frequency		Max Value	Limit				
Range		(dBc)	≤ (dBc)	Result			
30 MHz - 12.5 GHz		-52.82	-30	Pass			



Report No. DGII0215.1 84/88



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

Frequency

Max Value

Limit

Range

(dBc)

≤ (dBc)

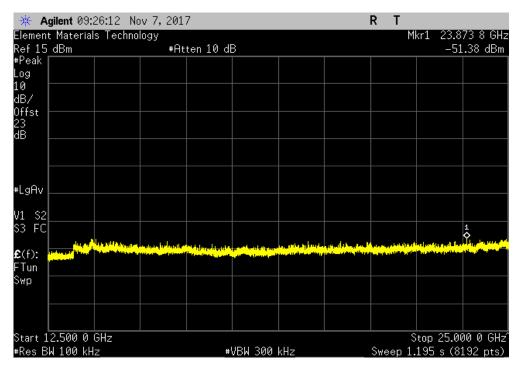
Result

12.5 GHz - 25 GHz

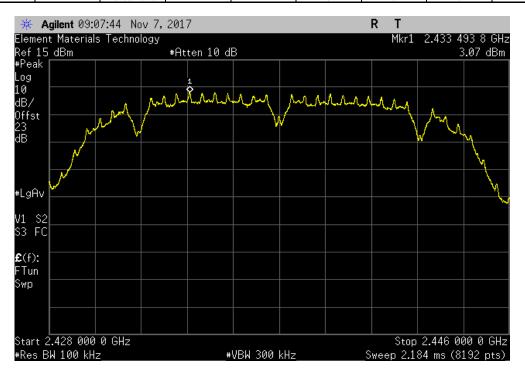
-54.17

-30

Pass



2400 MHz - 2	2400 MHz - 2483.5 MHz Band, 802.11(b) 1 Mbps, Mid Channel 6, 2437 MHz						
Frequency		Max Value	Limit				
Range		(dBc)	≤ (dBc)	Result			
Fundamental		N/A	N/A	N/A			



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2400 MHz - 2483.5 MHz Band, 802.11(b) 1 Mbps, Mid Channel 6, 2437 MHz

Frequency

Max Value

Limit

Range

(dBc) ≤ (dBc)

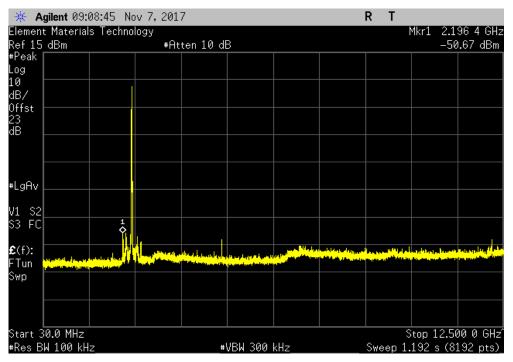
Result

30 MHz - 12.5 GHz

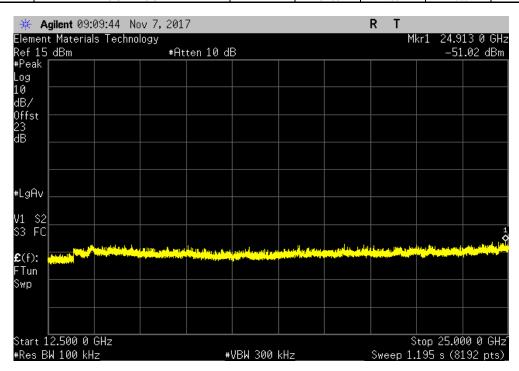
-53.74

-30

Pass



2400 MHz - 2483.5 MHz Band, 802.11(b) 1 Mbps, Mid Channel 6, 2437 MHz						
Frequency Max Value Limit						
Range		(dBc)	≤ (dBc)	Result		
12.5 GHz - 25 GHz		-54.09	-30	Pass		



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2400 MHz - 2483.5 MHz Band, 802.11(b) 1 Mbps, High Channel 11, 2462 MHz

Frequency

Max Value

Limit

Range

(dBc)

∫ (dBc)

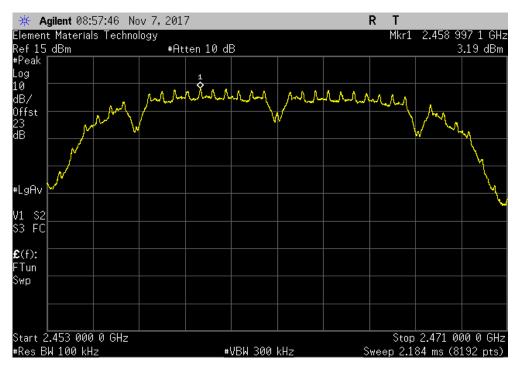
Result

Fundamental

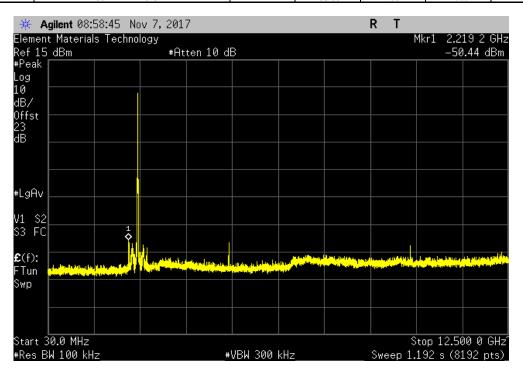
N/A

N/A

N/A



2400 MHz - 2483.5 MHz Band, 802.	2400 MHz - 2483.5 MHz Band, 802.11(b) 1 Mbps, High Channel 11, 2462 MHz						
Frequency	Max Value	Limit					
Range	(dBc)	≤ (dBc)	Result				
30 MHz - 12.5 GHz	-53.63	-30	Pass				

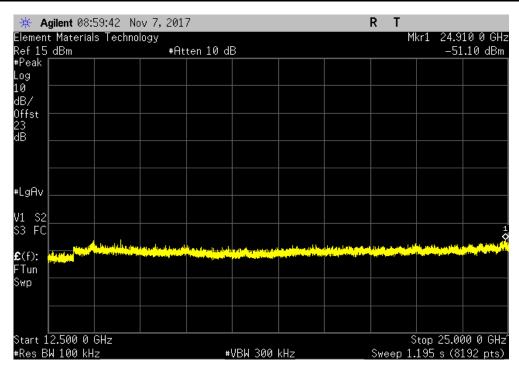


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2400 MHz - 2483.5 MHz Band, 802.11(b) 1 Mbps, High Channel 11, 2462 MHz								
	Frequency	Limit						
	Range		(dBc)	≤ (dBc)	Result			
	12.5 GHz - 25 GHz		-54.29	-30	Pass			



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