

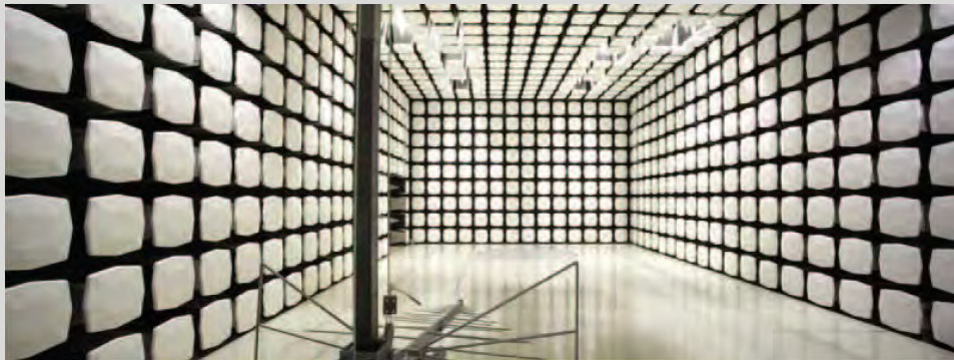


Intel Corporation

The EGG

FCC 15.247:2013

Report #: INSD0003



Report Prepared By Northwest EMC Inc.

NORTHWEST EMC – (888) 364-2378 – www.nwemc.com

California – Minnesota – Oregon – New York – Washington

CERTIFICATE OF TEST

Last Date of Test: November 11, 2013
Intel Corporation
Model: The EGG

Emissions

Test Description	Specification	Test Method	Pass/Fail
Duty Cycle	FCC 15.247:2013	ANSI C63.10:2009	Pass
Output Power	FCC 15.247:2013	ANSI C63.10:2009	Pass
Occupied Bandwidth	FCC 15.247:2013	ANSI C63.10:2009	Pass
Spurious Conducted Emissions	FCC 15.247:2013	ANSI C63.10:2009	Pass
Band Edge Compliance	FCC 15.247:2013	ANSI C63.10:2009	Pass
Band Edge Compliance-Hopping Mode	FCC 15.247:2013	ANSI C63.10:2009	Pass
Channel Separation	FCC 15.247:2013	ANSI C63.10:2009	Pass
Number of Hopping Channels	FCC 15.247:2013	ANSI C63.10:2009	Pass
Dwell Time	FCC 15.247:2013	ANSI C63.10:2009	Pass
Spurious Radiated Emissions	FCC 15.247:2013	ANSI C63.10:2009	Pass
Powerline Conducted Emissions	FCC 15.207:2013	ANSI C63.10:2009	Pass

Deviations From Test Standards

None

Approved By:



Kyle Holgate, Operations Manager



NVLAP Lab Code: 200630-0

This report must not be used to claim product certification, approval, or endorsement by NVLAP, NIST, or any agency of the federal government of the United States of America.

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. This Report may only be duplicated in its entirety. 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.

REVISION HISTORY

Revision Number	Description	Date	Page Number
00	None		

Barometric Pressure

The recorded barometric pressure has been normalized to sea level.

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 Guide 65 as a product certifier. This allows Northwest EMC to certify transmitters to FCC and IC specifications.

NVLAP - Each laboratory is accredited by NVLAP to ISO 17025

Canada

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

European Union

European Commission – Validated by the European Commission as a Conformity Assessment Body (CAB) under the EMC directive and 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

KCC / 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.

Hong Kong

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

Vietnam

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

Russia

GOST – Accredited by Certinform VNIINMASH, CERTINFO, SAMTES, and Federal CHEC to perform EMC and Hygienic testing for Information Technology products to GOST standards.

SCOPE

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

<http://www.nwemc.com/accreditations/>

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.

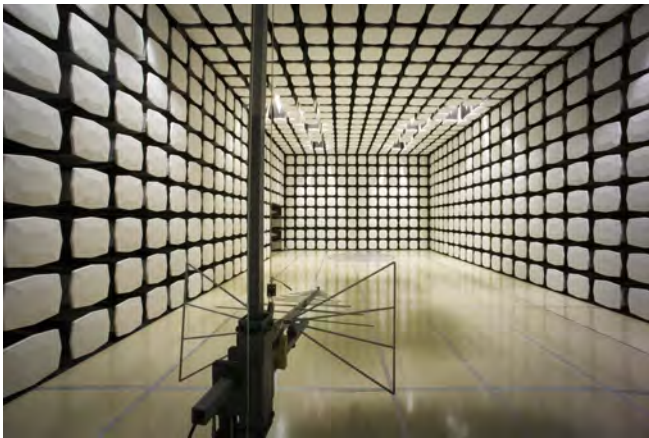
A measurement uncertainty estimation has been performed for each test per our internal quality document WP 342. The estimation is used to compare the measured result with its "true" or theoretically correct value. The expanded measurement uncertainty (K=2) for each test is listed below. Our measurement 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 16-4-1 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)	0.12	-0.01
Amplitude Accuracy (dB)	0.49	-0.49
Conducted Power (dB)	0.41	-0.41
Radiated Power via Substitution (dB)	0.69	-0.68
Temperature (degrees C)	0.81	-0.81
Humidity (% RH)	2.89	-2.89
Field Strength (dB)	3.80	-3.80
AC Powerline Conducted Emissions (dB)	2.94	-2.94



Oregon Labs EV01-12 22975 NW Evergreen Pkwy Hillsboro, OR 97124 (503) 844-4066	California Labs OC01-13 41 Tesla Irvine, CA 92618 (949) 861-8918	New York Labs NY01-04 4939 Jordan Rd. Elbridge, NY 13060 (315) 685-0796	Minnesota Labs MN01-08 9349 W Broadway Ave. Brooklyn Park, MN 55445 (763) 425-2281	Washington Labs NC01-05, SU02, SU07 19201 120 th Ave. NE Bothell, WA 98011 (425) 984-6600
VCCI				
A-0108	A-0029		A-0109	A-0110
Industry Canada				
2834D-1, 2834D-2	2834B-1, 2834B-2, 2834B-3		2834E-1	2834C-1
NVLAP				
NVLAP Lab Code: 200630-0	NVLAP Lab Code: 200676-0	NVLAP Lab Code: 200761-0	NVLAP Lab Code: 200881-0	NVLAP Lab Code: 200629-0





WTD 12.5.23

PRODUCT DESCRIPTION

Client and Equipment Under Test (EUT) Information

Company Name:	Intel Corporation
Address:	2111 NE 25th Avenue
City, State, Zip:	Hillsboro, OR 91724
Test Requested By:	Phil Auzas
Model:	EGG (Fab C)
First Date of Test:	November 07, 2013
Last Date of Test:	November 11, 2013
Receipt Date of Samples:	November 07, 2013
Equipment Design Stage:	Production
Equipment Condition:	No Damage

Information Provided by the Party Requesting the Test

Functional Description of the EUT (Equipment Under Test):
Bluetooth radio module with 1 antenna(s).
Testing Objective:
To demonstrate compliance to FCC 15.247 requirements.

Configuration INSD0003- 1

EUT			
Description	Manufacturer	Model/Part Number	Serial Number
The EGG	Intel Corporation	None	99

Remote Equipment Outside of Test Setup Boundary			
Description	Manufacturer	Model/Part Number	Serial Number
Remote Laptop	Hewlett-Packard	Elitebook 8540W	CND03204HV

Cables					
Cable Type	Shield	Length (m)	Ferrite	Connection 1	Connection 2
SMA Adaptor	Yes	0.3m	No	SMA Cable	The EGG
USB to USB3	No	1m	No	Remote Laptop	The EGG

PA = Cable is permanently attached to the device. Shielding and/or presence of ferrite may be unknown.

Configuration INSD0003- 2

EUT			
Description	Manufacturer	Model/Part Number	Serial Number
AC/DC Power Adapter	Salcomp	S11A02	1310001174 60
The EGG	Intel Corporation	None	99

Remote Equipment Outside of Test Setup Boundary			
Description	Manufacturer	Model/Part Number	Serial Number
Remote Laptop	Hewlett-Packard	Elitebook 8540W	CND03204HV

Cables					
Cable Type	Shield	Length (m)	Ferrite	Connection 1	Connection 2
USB to USB3	No	1m	No	AC/DC Power Adapter	The EGG

PA = Cable is permanently attached to the device. Shielding and/or presence of ferrite may be unknown.

Equipment Modifications

Item	Date	Test	Modification	Note	Disposition of EUT
1	11/7/2013	Duty Cycle	Tested as delivered to Test Station.	No EMI suppression devices were added or modified during this test.	EUT remained at Northwest EMC following the test.
2	11/8/2013	Spurious Radiated Emissions	Tested as delivered to Test Station.	No EMI suppression devices were added or modified during this test.	EUT remained at Northwest EMC following the test.
3	11/11/2013	Spurious Conducted Emissions	Tested as delivered to Test Station.	No EMI suppression devices were added or modified during this test.	EUT remained at Northwest EMC following the test.
4	11/11/2013	Output Power	Tested as delivered to Test Station.	No EMI suppression devices were added or modified during this test.	EUT remained at Northwest EMC following the test.
5	11/11/2013	Occupied Bandwidth	Tested as delivered to Test Station.	No EMI suppression devices were added or modified during this test.	EUT remained at Northwest EMC following the test.
6	11/11/2013	Band Edge Compliance-Hopping Mode	Tested as delivered to Test Station.	No EMI suppression devices were added or modified during this test.	EUT remained at Northwest EMC following the test.
7	11/11/2013	Channel Separation	Tested as delivered to Test Station.	No EMI suppression devices were added or modified during this test.	EUT remained at Northwest EMC following the test.
8	11/11/2013	Powerline Conducted Emissions	Tested as delivered to Test Station.	No EMI suppression devices were added or modified during this test.	EUT remained at Northwest EMC following the test.
9	11/11/2013	Dwell Time	Tested as delivered to Test Station.	No EMI suppression devices were added or modified during this test.	EUT remained at Northwest EMC following the test.
10	11/11/2013	Number of Hopping Channels	Tested as delivered to Test Station.	No EMI suppression devices were added or modified during this test.	EUT remained at Northwest EMC following the test.
11	11/11/2013	Band Edge Compliance	Tested as delivered to Test Station.	No EMI suppression devices were added or modified during this test.	Scheduled testing was completed.

Duty Cycle

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

TEST EQUIPMENT

Description	Manufacturer	Model	ID	Last Cal.	Interval
Attenuator, 'Precision N'	S.M. Electronics	SA18N-06/SM4032	REE	12/11/2012	12
MXG Vector Signal Generator	Agilent	N5182A	TIF	NCR	0
Power Meter	Gigatronics	8651A	SPM	1/9/2012	24
Power Sensor	Gigatronics	80701A	SPL	7/8/2011	36
EV06 Direct Connect Cable	ESM Cable Corp.	TT	ECA	NCR	0
40GHz DC Block	Miteq	DCB4000	AMD	5/16/2013	12
Attenuator 20 dB, SMA M/F 26GHz	S.M. Electronics	SA26B-20	AUY	7/30/2013	12
Spectrum Analyzer	Agilent	E4446A	AAQ	2/7/2012	24

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.

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. A direct connection was made between the RF output of the EUT and a spectrum analyzer. Attenuation and a DC block were used.

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 was used during some of the other tests in this report to only measure during the burst duration. (The radio was operated with the customer's test software for the modes tested)



Duty Cycle

XMit 2013.08.15
PsaTx 2013.07.11

EUT: The EGG		Work Order: INSD0003	
Serial Number: 99		Date: 11/07/13	
Customer: Intel Corporation		Temperature: 22.9°C	
Attendees: None		Humidity: 37%	
Project: None		Barometric Pres.: 1020.4	
Tested by: Brandon Hobbs		Power: 4 VDC	
		Job Site: EV06	
TEST SPECIFICATIONS		Test Method	
FCC 15.247:2013		ANSI C63.10:2009	

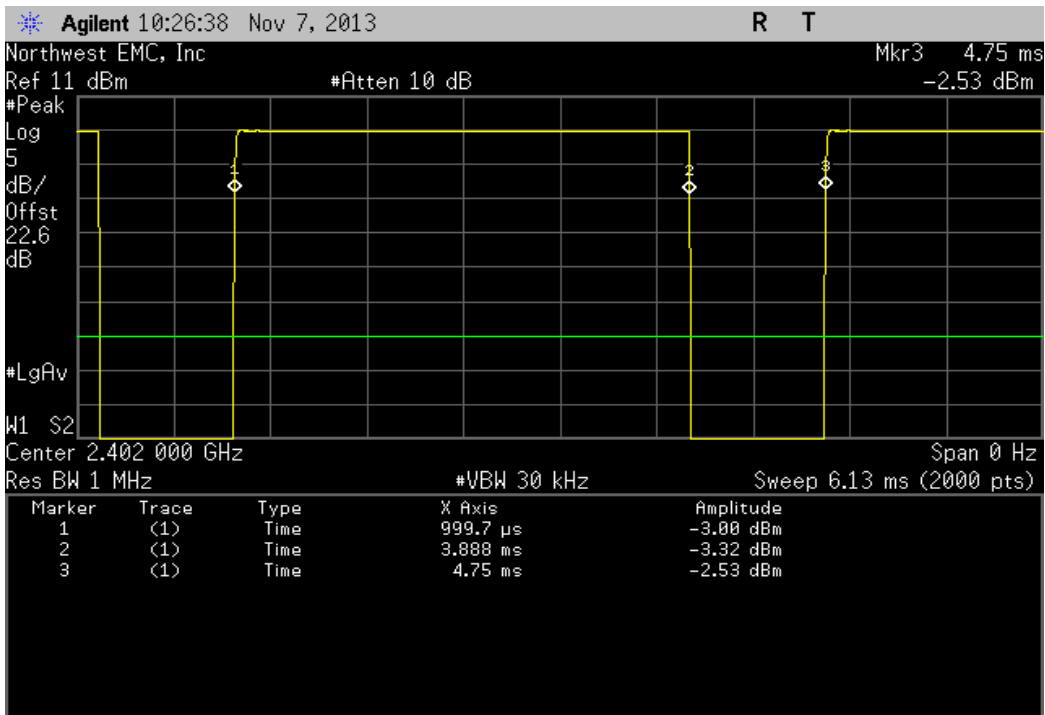
COMMENTS
The EUT is operating in single channel mode (not hopping). (The radio was operated with the customer's test software for the modes tested)

DEVIATIONS FROM TEST STANDARD
None

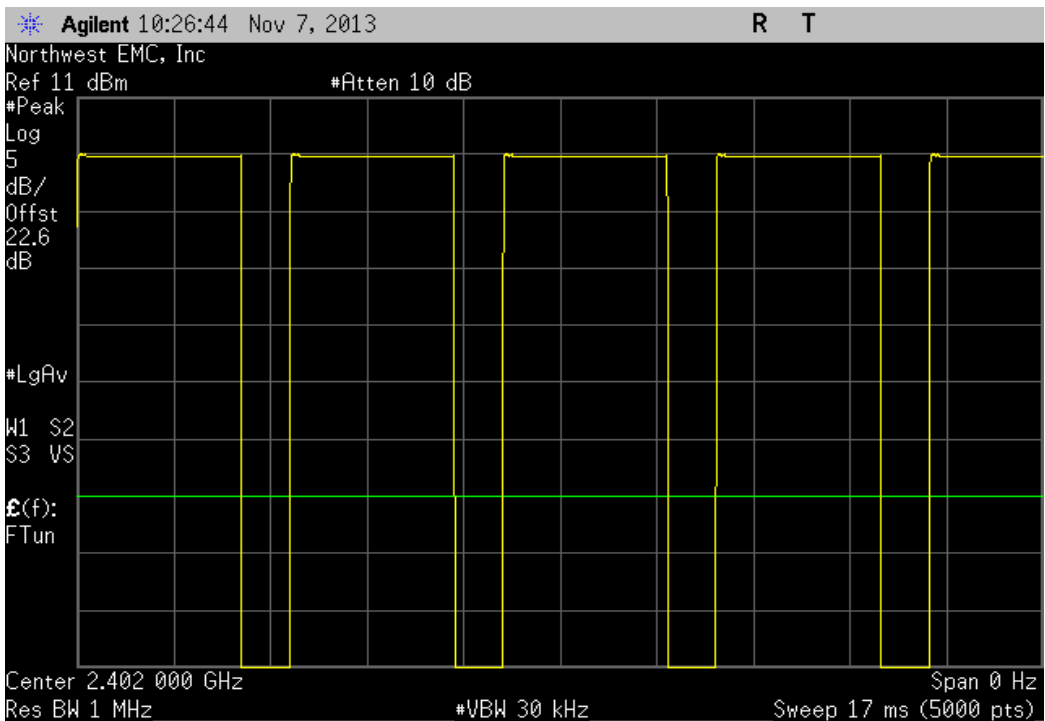
Configuration #	1	Signature
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		Pulse Width	Period	Number of Pulses	Value (%)	Limit	Result
Hopping Mode							
DH5, GFSK							
	Low Channel, 2402 MHz	2.889 mS	3.751 mS	1	77	N/A	N/A
	Low Channel, 2402 MHz	N/A	N/A	5	N/A	N/A	N/A
	Mid Channel, 2440 MHz	2.889 mS	3.75 mS	1	77	N/A	N/A
	Mid Channel, 2440 MHz	N/A	N/A	5	N/A	N/A	N/A
	High Channel, 2480 MHz	2.886 mS	3.75 mS	1	76.9	N/A	N/A
	High Channel, 2480 MHz	N/A	N/A	5	N/A	N/A	N/A
2DH5, pi/4-DQPSK							
	Low Channel, 2402 MHz	1.549 mS	3.751 mS	1	41.3	N/A	N/A
	Low Channel, 2402 MHz	N/A	N/A	5	N/A	N/A	N/A
	Mid Channel, 2440 MHz	1.549 mS	3.751 mS	1	41.3	N/A	N/A
	Mid Channel, 2440 MHz	N/A	N/A	5	N/A	N/A	N/A
	High Channel, 2480 MHz	1.549 mS	3.75 mS	1	41.3	N/A	N/A
	High Channel, 2480 MHz	N/A	N/A	5	N/A	N/A	N/A
3DH5, 8-DPSK							
	Low Channel, 2402 MHz	1.086 mS	3.751 mS	1	28.9	N/A	N/A
	Low Channel, 2402 MHz	N/A	N/A	5	N/A	N/A	N/A
	Mid Channel, 2440 MHz	1.086 mS	3.75 mS	1	28.9	N/A	N/A
	Mid Channel, 2440 MHz	N/A	N/A	5	N/A	N/A	N/A
	High Channel, 2480 MHz	1.086 mS	3.75 mS	1	28.9	N/A	N/A
	High Channel, 2480 MHz	N/A	N/A	5	N/A	N/A	N/A

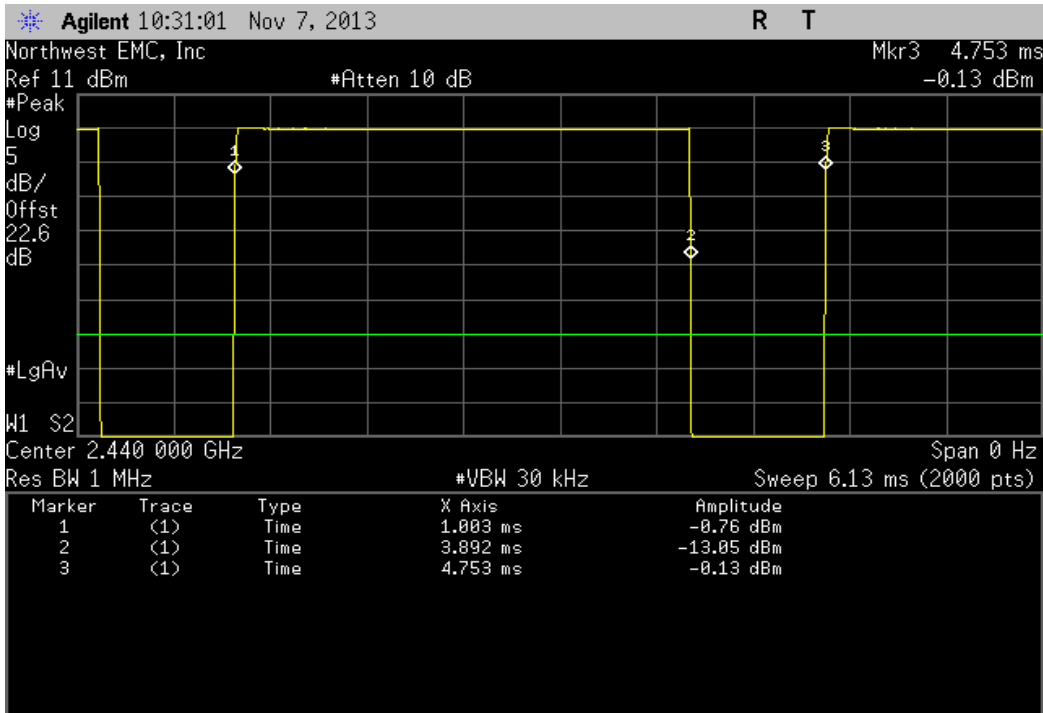
Hopping Mode, DH5, GFSK, Low Channel, 2402 MHz						
Pulse Width	Period	Number of Pulses	Value (%)	Limit	Result	
2.889 mS	3.751 mS	1	77	N/A	N/A	



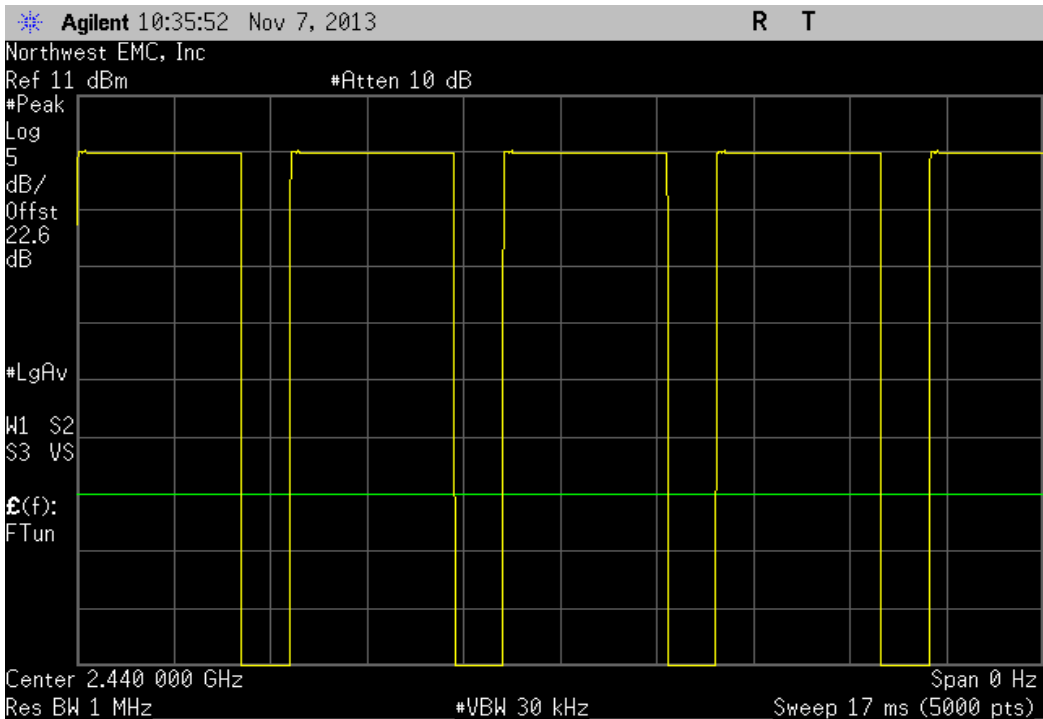
Hopping Mode, DH5, GFSK, Low Channel, 2402 MHz						
Pulse Width	Period	Number of Pulses	Value (%)	Limit	Result	
N/A	N/A	5	N/A	N/A	N/A	



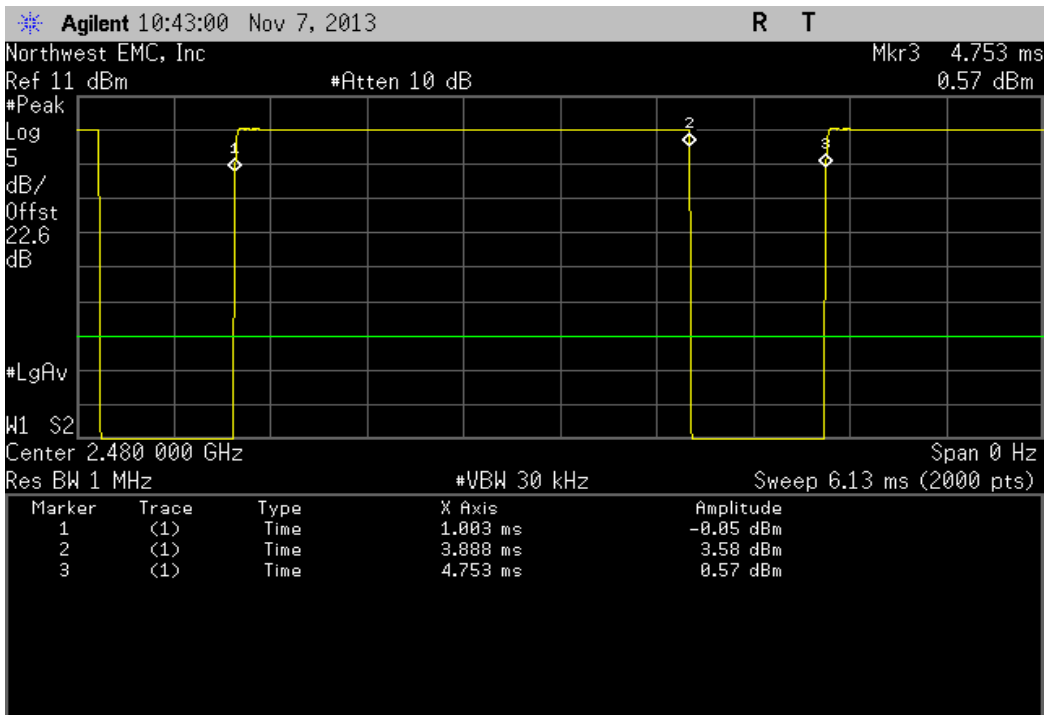
Hopping Mode, DH5, GFSK, Mid Channel, 2440 MHz						
Pulse Width	Period	Number of Pulses	Value (%)	Limit	Result	
2.889 mS	3.75 mS	1	77	N/A	N/A	



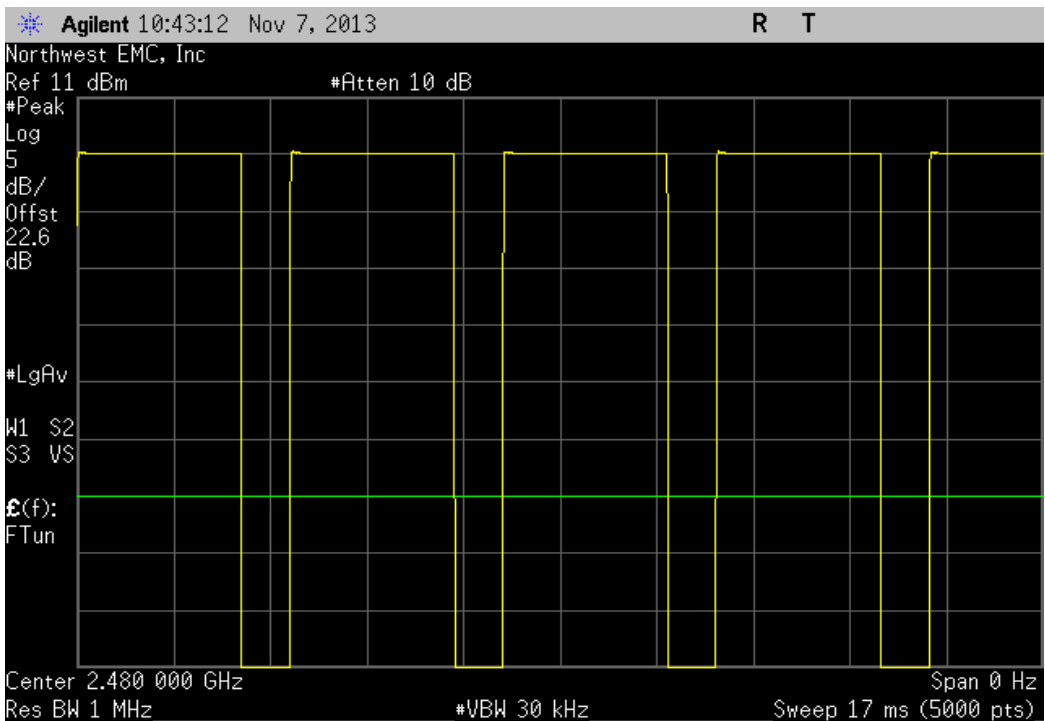
Hopping Mode, DH5, GFSK, Mid Channel, 2440 MHz						
Pulse Width	Period	Number of Pulses	Value (%)	Limit	Result	
N/A	N/A	5	N/A	N/A	N/A	



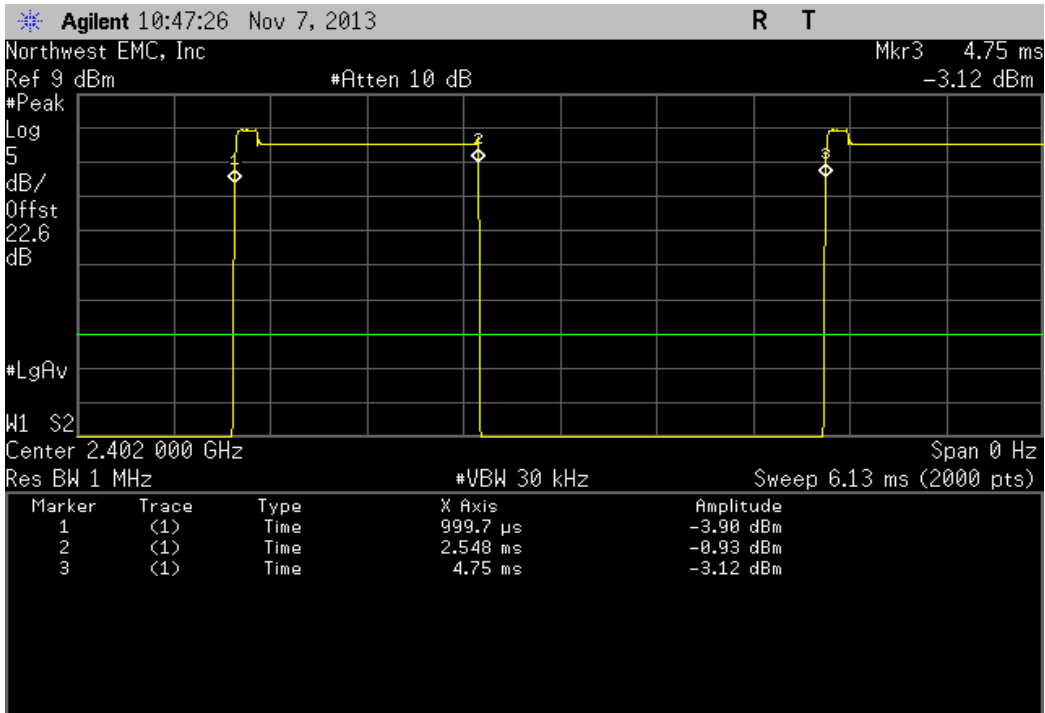
Hopping Mode, DH5, GFSK, High Channel, 2480 MHz						
Pulse Width	Period	Number of Pulses	Value (%)	Limit	Result	
2.886 mS	3.75 mS	1	76.9	N/A	N/A	



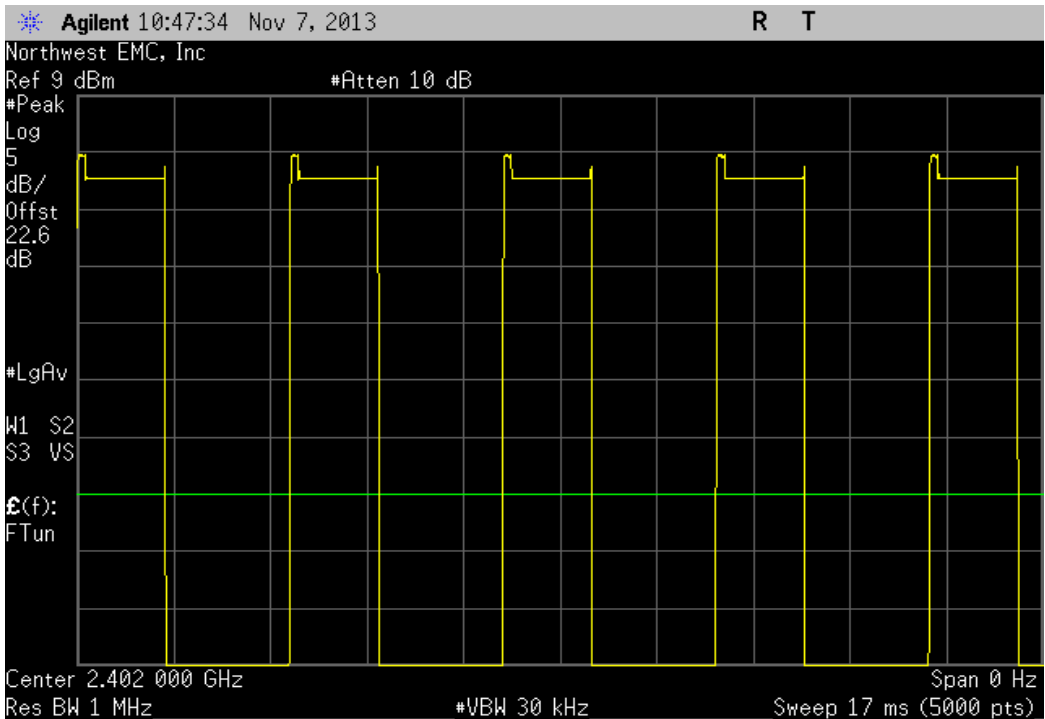
Hopping Mode, DH5, GFSK, High Channel, 2480 MHz						
Pulse Width	Period	Number of Pulses	Value (%)	Limit	Result	
N/A	N/A	5	N/A	N/A	N/A	



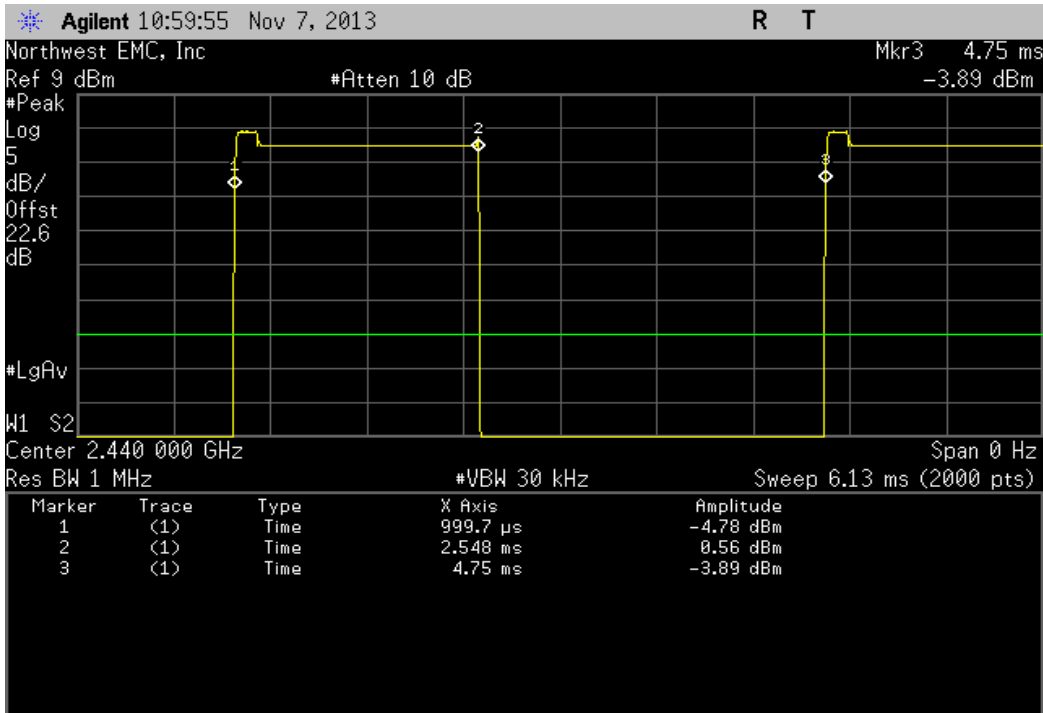
Hopping Mode, 2DH5, pi/4-DQPSK, Low Channel, 2402 MHz						
Pulse Width	Period	Number of Pulses	Value (%)	Limit	Result	
1.549 mS	3.751 mS	1	41.3	N/A	N/A	



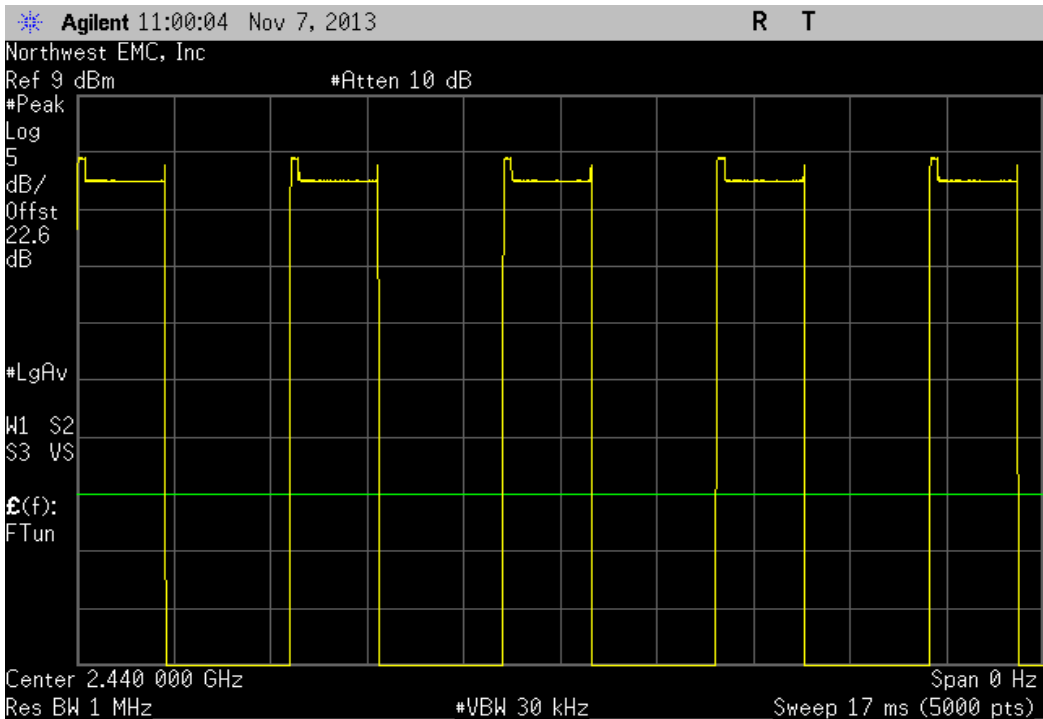
Hopping Mode, 2DH5, pi/4-DQPSK, Low Channel, 2402 MHz						
Pulse Width	Period	Number of Pulses	Value (%)	Limit	Result	
N/A	N/A	5	N/A	N/A	N/A	



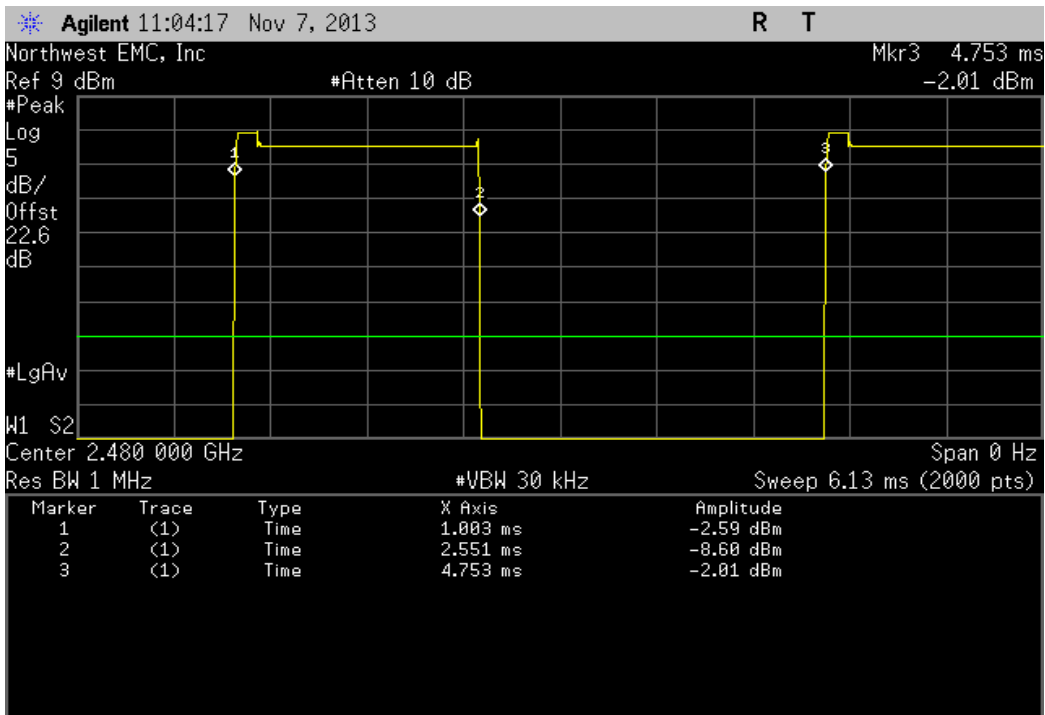
Hopping Mode, 2DH5, pi/4-DQPSK, Mid Channel, 2440 MHz						
	Pulse Width	Period	Number of Pulses	Value (%)	Limit	Result
	1.549 mS	3.751 mS	1	41.3	N/A	N/A



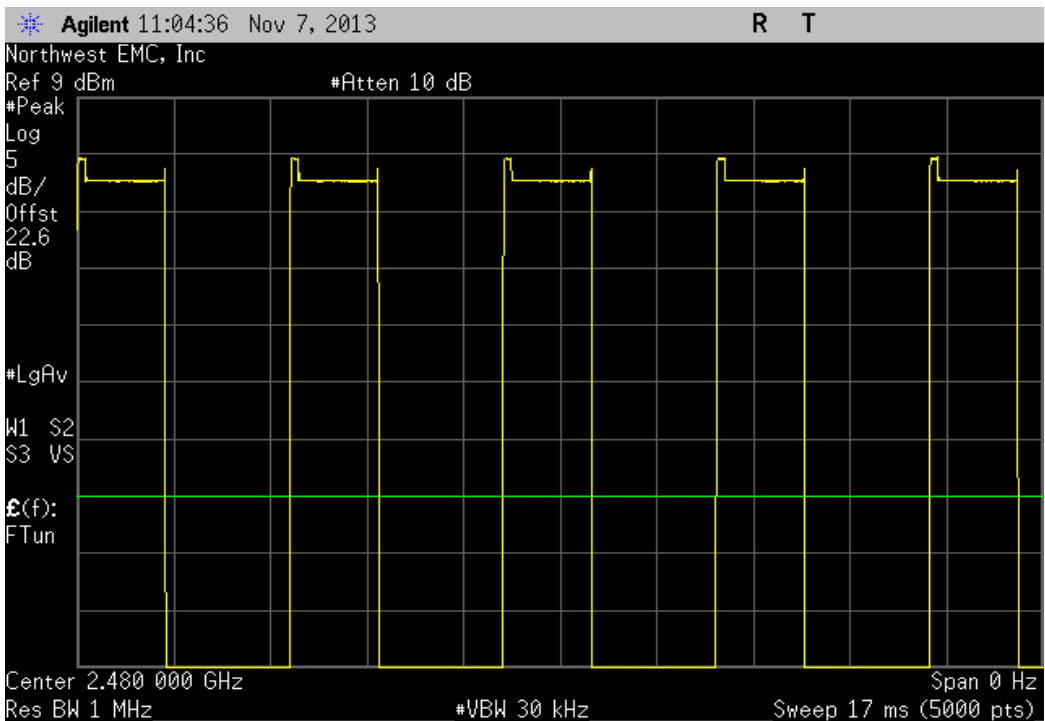
Hopping Mode, 2DH5, pi/4-DQPSK, Mid Channel, 2440 MHz						
	Pulse Width	Period	Number of Pulses	Value (%)	Limit	Result
	N/A	N/A	5	N/A	N/A	N/A



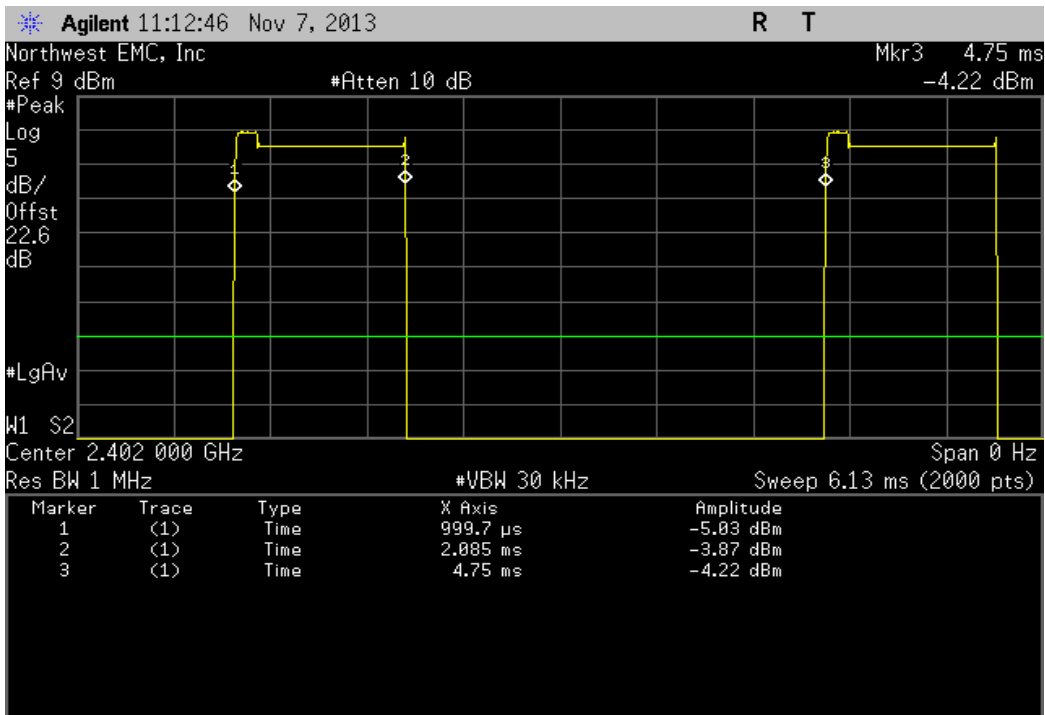
Hopping Mode, 2DH5, pi/4-DQPSK, High Channel, 2480 MHz						
Pulse Width	Period	Number of Pulses	Value (%)	Limit	Result	
1.549 mS	3.75 mS	1	41.3	N/A	N/A	



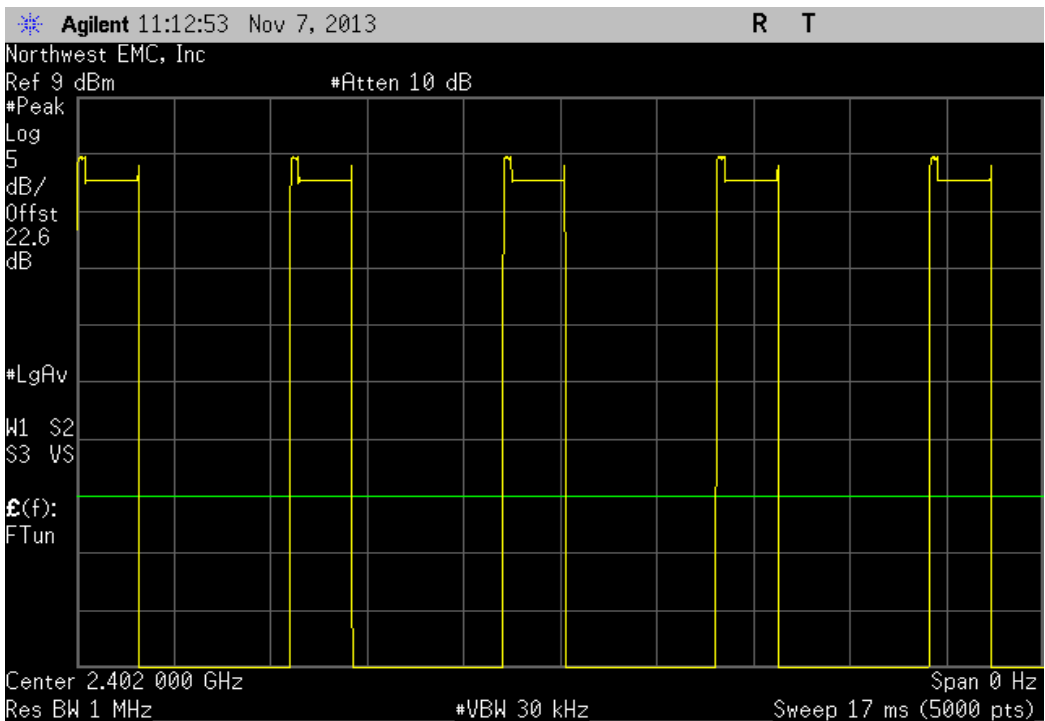
Hopping Mode, 2DH5, pi/4-DQPSK, High Channel, 2480 MHz						
Pulse Width	Period	Number of Pulses	Value (%)	Limit	Result	
N/A	N/A	5	N/A	N/A	N/A	



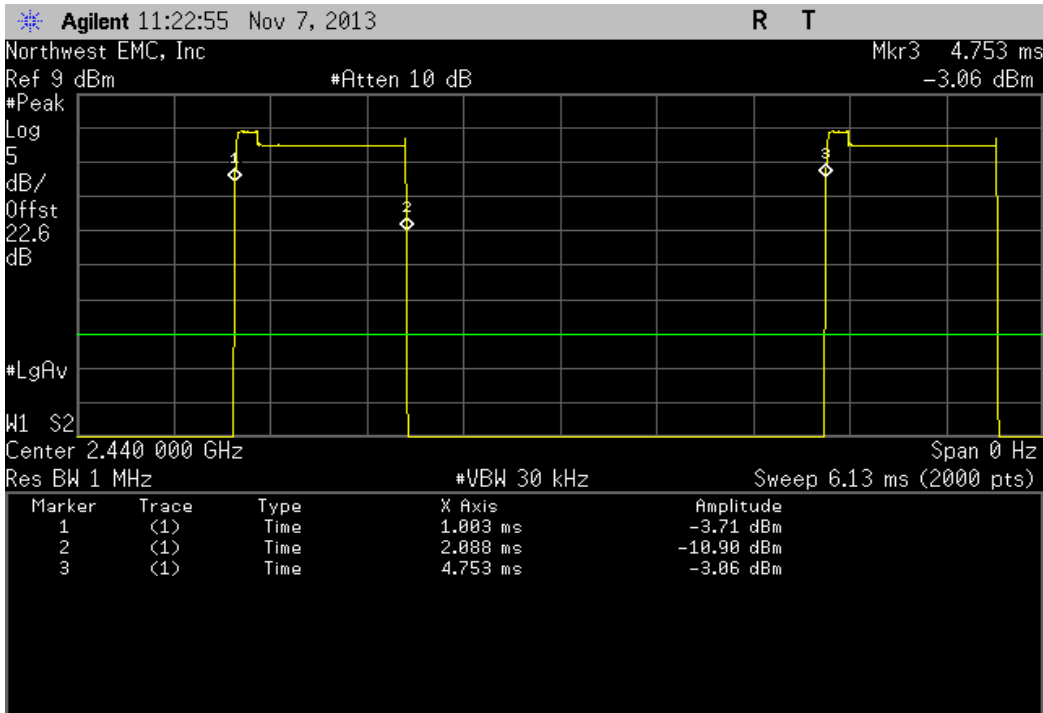
Hopping Mode, 3DH5, 8-DPSK, Low Channel, 2402 MHz						
Pulse Width	Period	Number of Pulses	Value (%)	Limit	Result	
1.086 mS	3.751 mS	1	28.9	N/A	N/A	



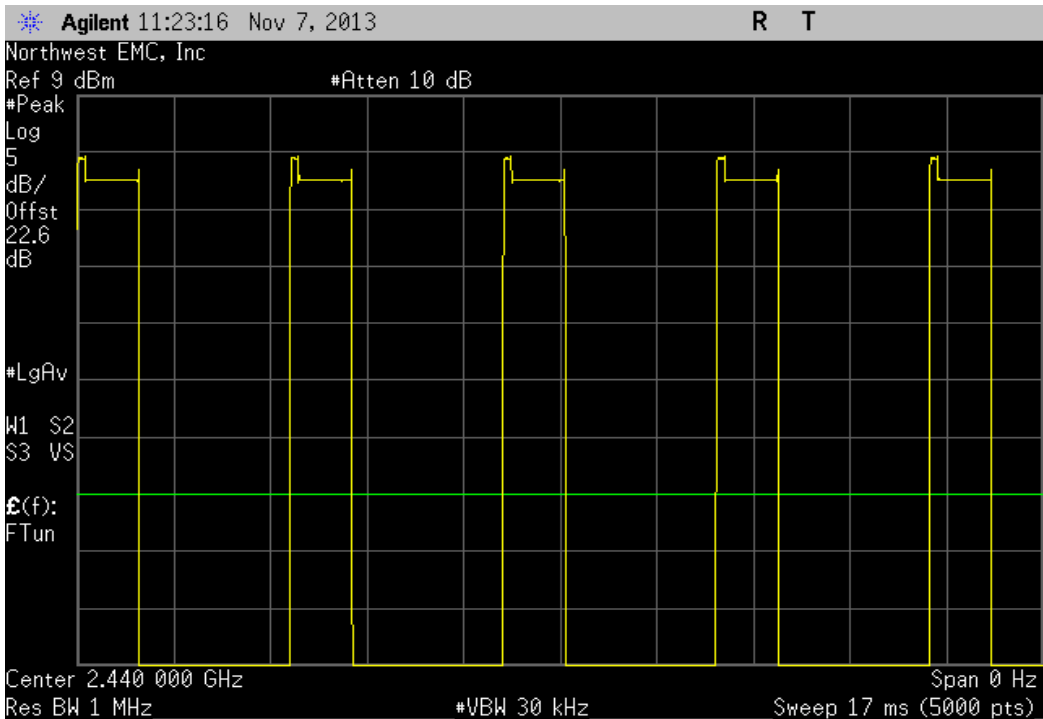
Hopping Mode, 3DH5, 8-DPSK, Low Channel, 2402 MHz						
Pulse Width	Period	Number of Pulses	Value (%)	Limit	Result	
N/A	N/A	5	N/A	N/A	N/A	



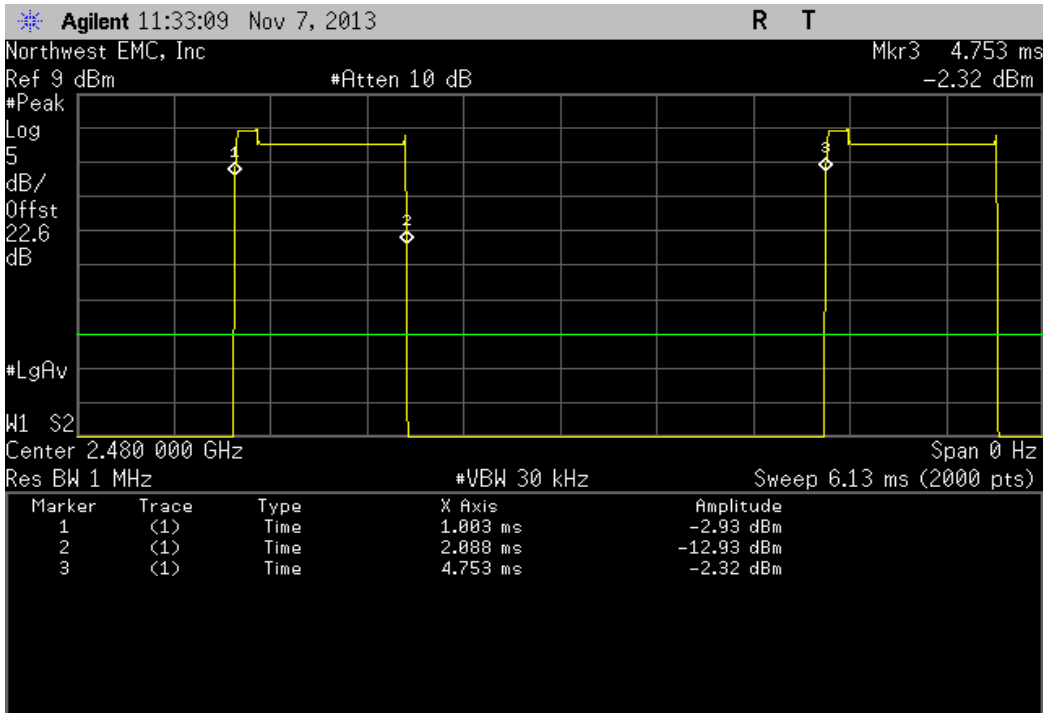
Hopping Mode, 3DH5, 8-DPSK, Mid Channel, 2440 MHz						
Pulse Width	Period	Number of Pulses	Value (%)	Limit	Result	
1.086 mS	3.75 mS	1	28.9	N/A	N/A	



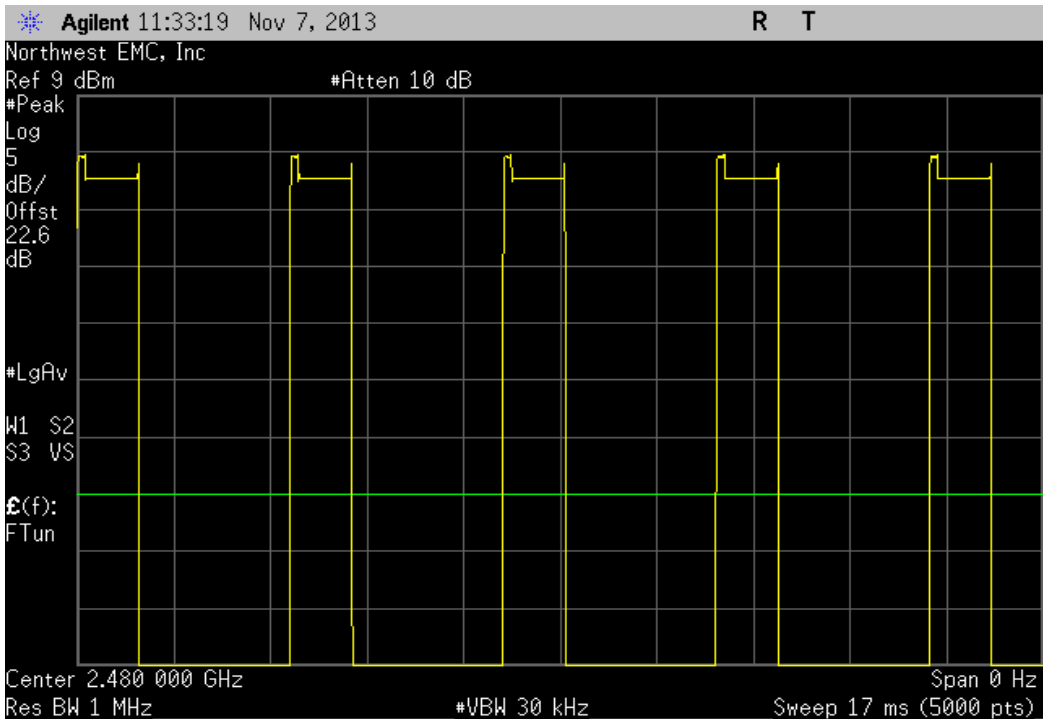
Hopping Mode, 3DH5, 8-DPSK, Mid Channel, 2440 MHz						
Pulse Width	Period	Number of Pulses	Value (%)	Limit	Result	
N/A	N/A	5	N/A	N/A	N/A	



Hopping Mode, 3DH5, 8-DPSK, High Channel, 2480 MHz						
Pulse Width	Period	Number of Pulses	Value (%)	Limit	Result	
1.086 mS	3.75 mS	1	28.9	N/A	N/A	



Hopping Mode, 3DH5, 8-DPSK, High Channel, 2480 MHz						
Pulse Width	Period	Number of Pulses	Value (%)	Limit	Result	
N/A	N/A	5	N/A	N/A	N/A	



Output Power

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

TEST EQUIPMENT

Description	Manufacturer	Model	ID	Last Cal.	Interval
Attenuator, 'Precision N'	S.M. Electronics	SA18N-06/SM4032	REE	12/11/2012	12
MXG Vector Signal Generator	Agilent	N5182A	TIF	NCR	0
Power Meter	Gigatronics	8651A	SPM	1/9/2012	24
Power Sensor	Gigatronics	80701A	SPL	7/8/2011	36
EV06 Direct Connect Cable	ESM Cable Corp.	TT	ECA	NCR	0
Attenuator 20 dB, SMA M/F 26GHz	S.M. Electronics	SA26B-20	AUY	7/30/2013	12
40GHz DC Block	Miteq	DCB4000	AMD	5/16/2013	12
Spectrum Analyzer	Agilent	E4446A	AAQ	2/7/2012	24

TEST DESCRIPTION

The peak output power was measured with the EUT set to low, medium and high transmit frequencies. The measurement was made using a direct connection between the RF output of the EUT and a spectrum analyzer. The EUT was transmitting in a no hop mode at the data rate(s) listed in the datasheet.

De Facto EIRP Limit: Per 47 CFR 15.247 (b)(1-3), the EUT meets the de facto EIRP limit of +27dBm.
(The radio was operated with the customer's test software for the modes tested)



Output Power

XMit 2013.08.15
PsaTx 2013.07.11

EUT: The EGG		Work Order: INSD0003	
Serial Number: 99		Date: 11/11/13	
Customer: Intel Corporation		Temperature: 22.9°C	
Attendees: None		Humidity: 37%	
Project: None		Barometric Pres.: 1020.4	
Tested by: Brandon Hobbs		Power: 4 VDC	Job Site: EV06

TEST SPECIFICATIONS		Test Method	
FCC 15.247:2013		ANSI C63.10:2009	

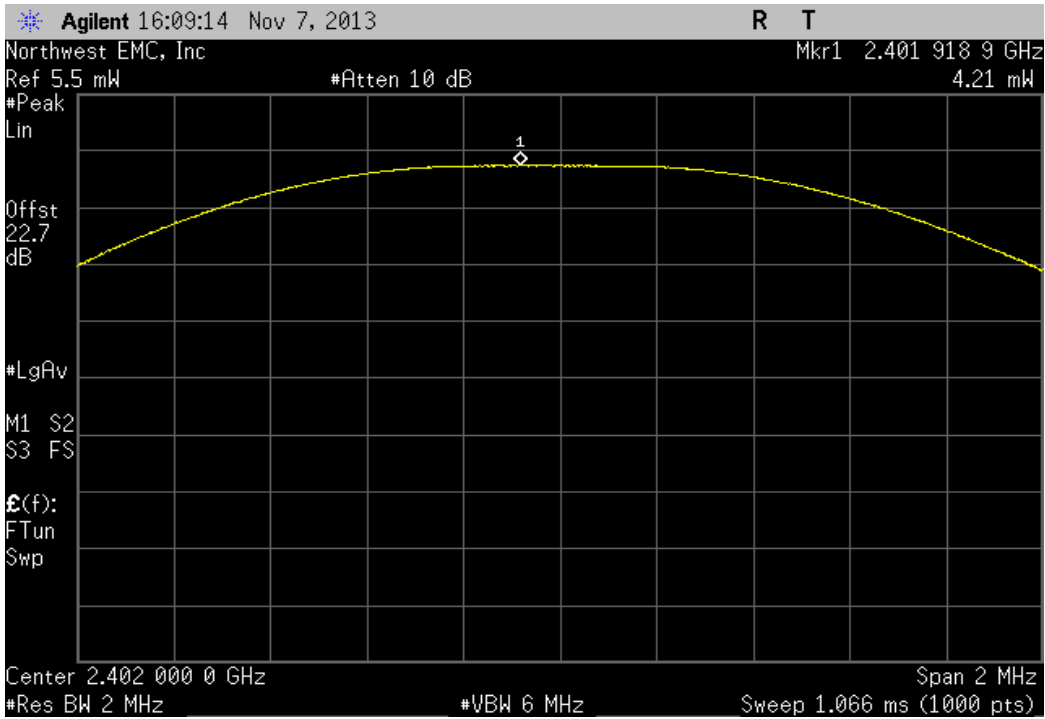
COMMENTS
The EUT is operating in single channel mode (not hopping). (The radio was operated with the customer's test software for the modes tested)

DEVIATIONS FROM TEST STANDARD
None

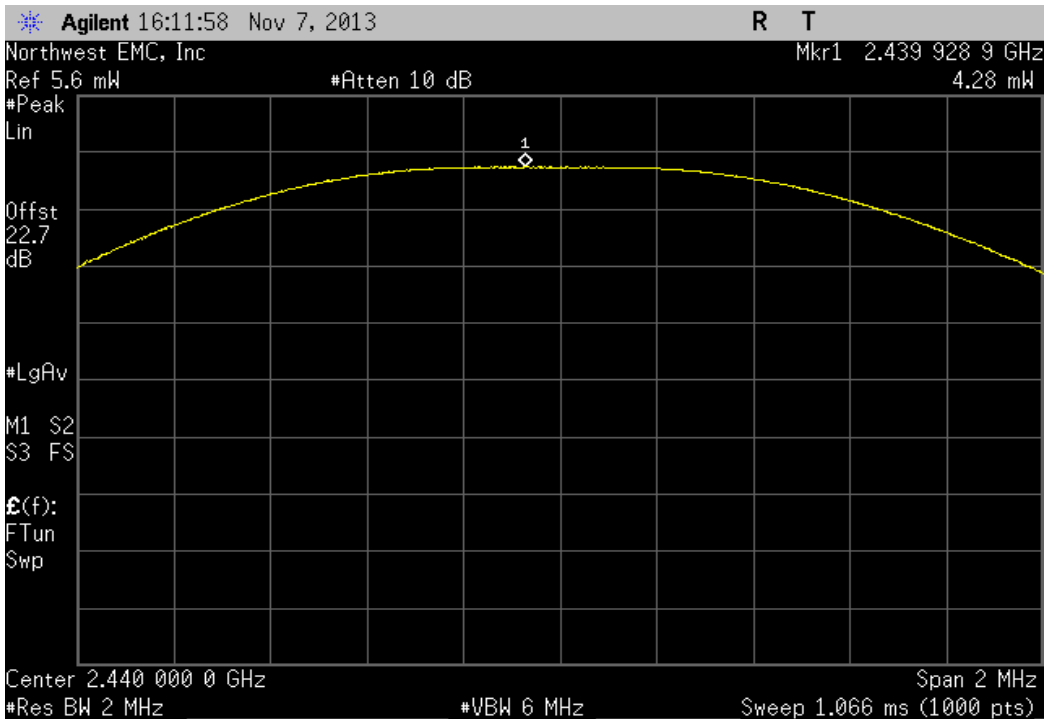
Configuration #	1	Signature 
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	Value	Limit	Result
Hopping Mode			
DH5, GFSK			
Low Channel, 2402 MHz	4.209 mW	< 125 mW	Pass
Mid Channel, 2440 MHz	4.284 mW	< 125 mW	Pass
High Channel, 2480 MHz	4.434 mW	< 125 mW	Pass
2DH5, pi/4-DQPSK			
Low Channel, 2402 MHz	4.24 mW	< 125 mW	Pass
Mid Channel, 2440 MHz	4.348 mW	< 125 mW	Pass
High Channel, 2480 MHz	4.467 mW	< 125 mW	Pass
3DH5, 8-DPSK			
Low Channel, 2402 MHz	4.987 mW	< 125 mW	Pass
Mid Channel, 2440 MHz	5.219 mW	< 125 mW	Pass
High Channel, 2480 MHz	5.406 mW	< 125 mW	Pass

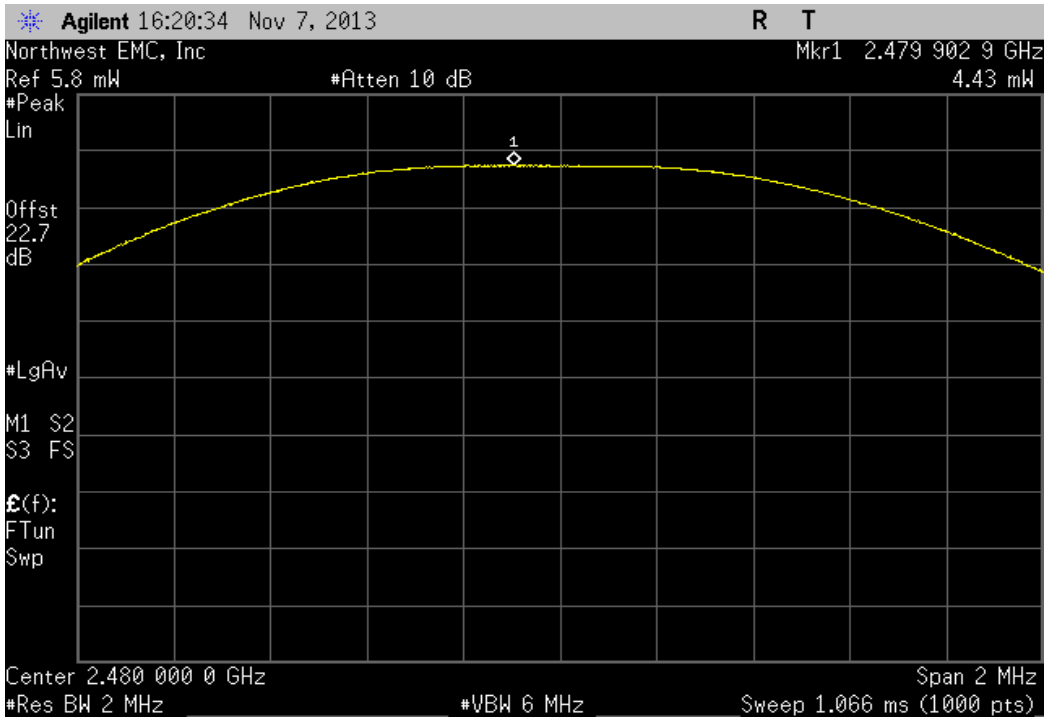
Hopping Mode, DH5, GFSK, Low Channel, 2402 MHz			
	Value	Limit	Result
	4.209 mW	< 125 mW	Pass



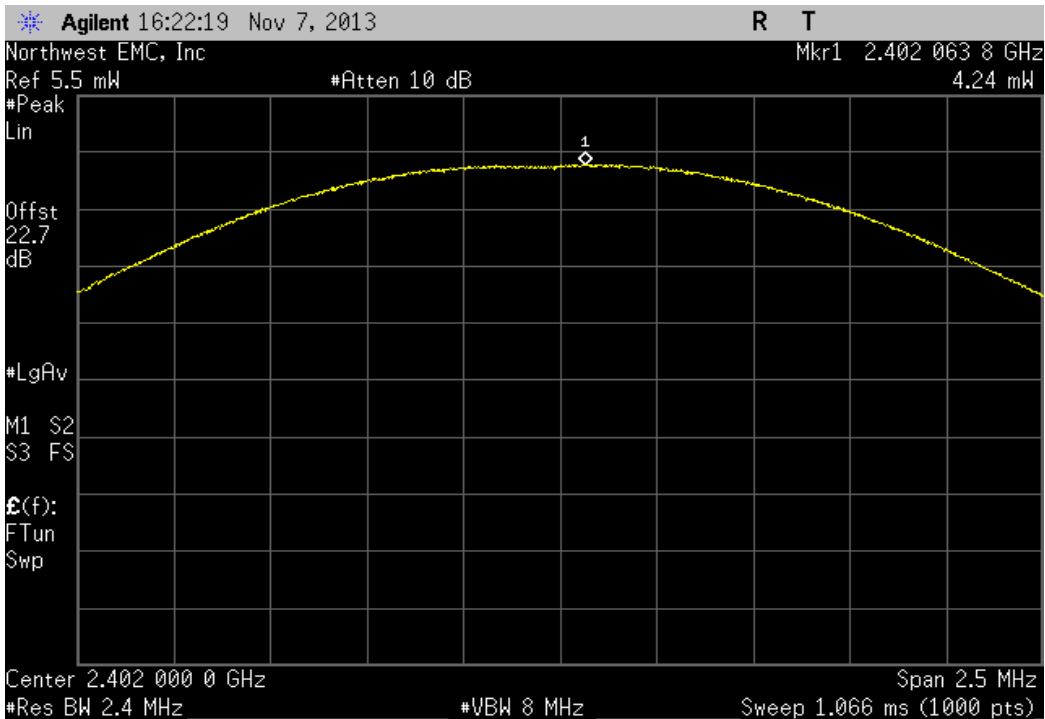
Hopping Mode, DH5, GFSK, Mid Channel, 2440 MHz			
	Value	Limit	Result
	4.284 mW	< 125 mW	Pass



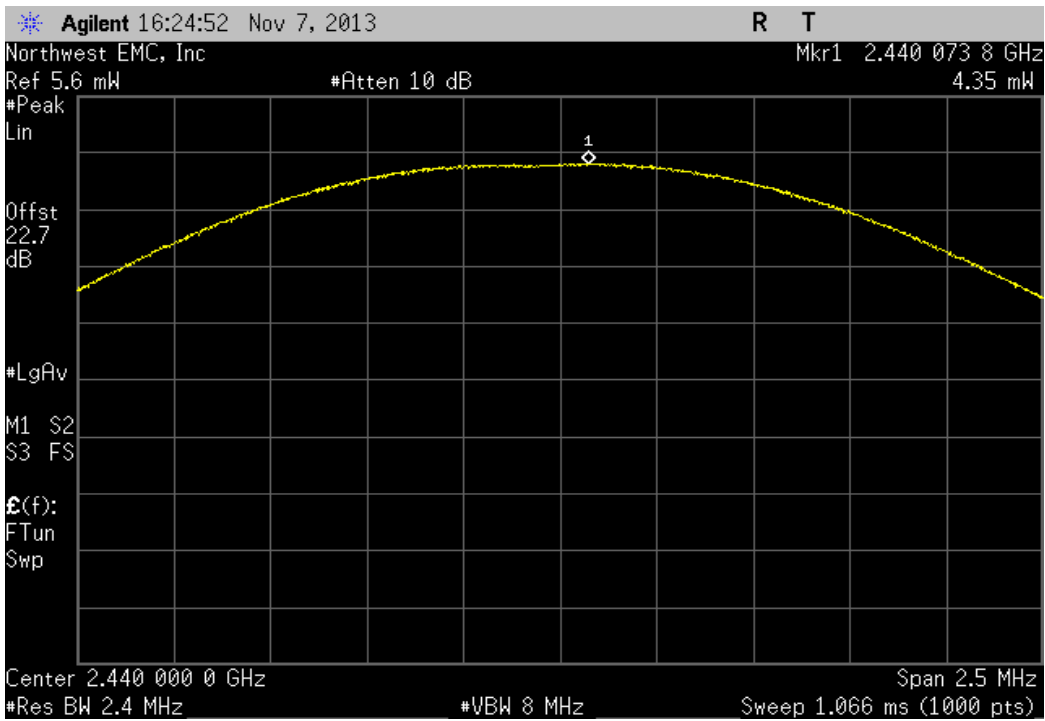
Hopping Mode, DH5, GFSK, High Channel, 2480 MHz			
	Value	Limit	Result
	4.434 mW	< 125 mW	Pass



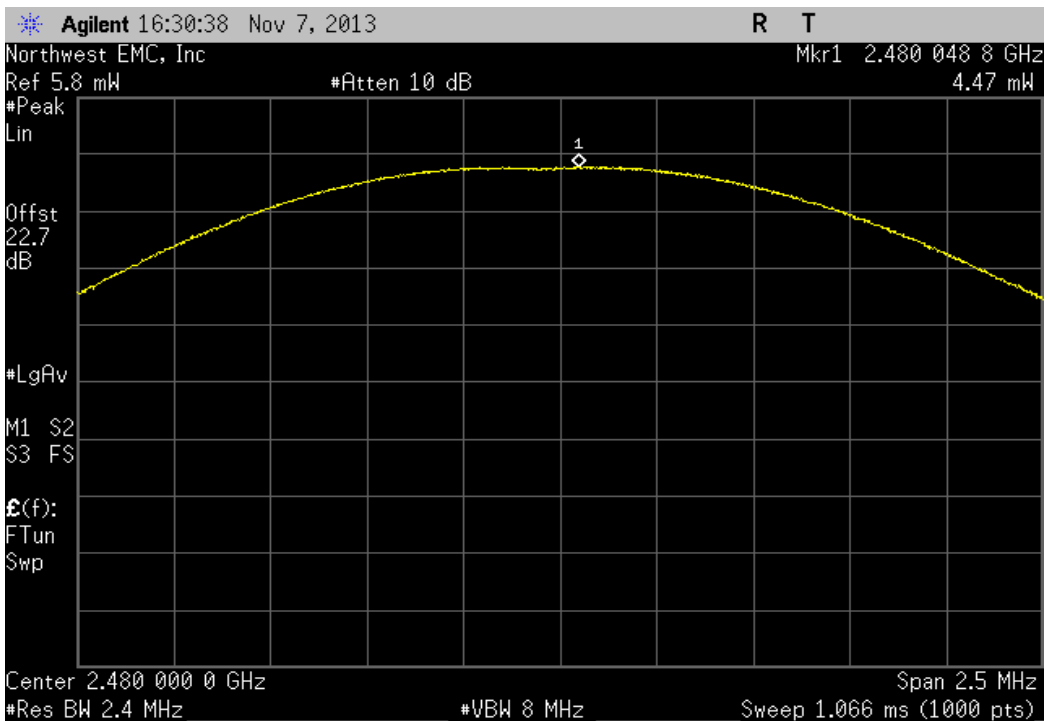
Hopping Mode, 2DH5, pi/4-DQPSK, Low Channel, 2402 MHz			
	Value	Limit	Result
	4.24 mW	< 125 mW	Pass



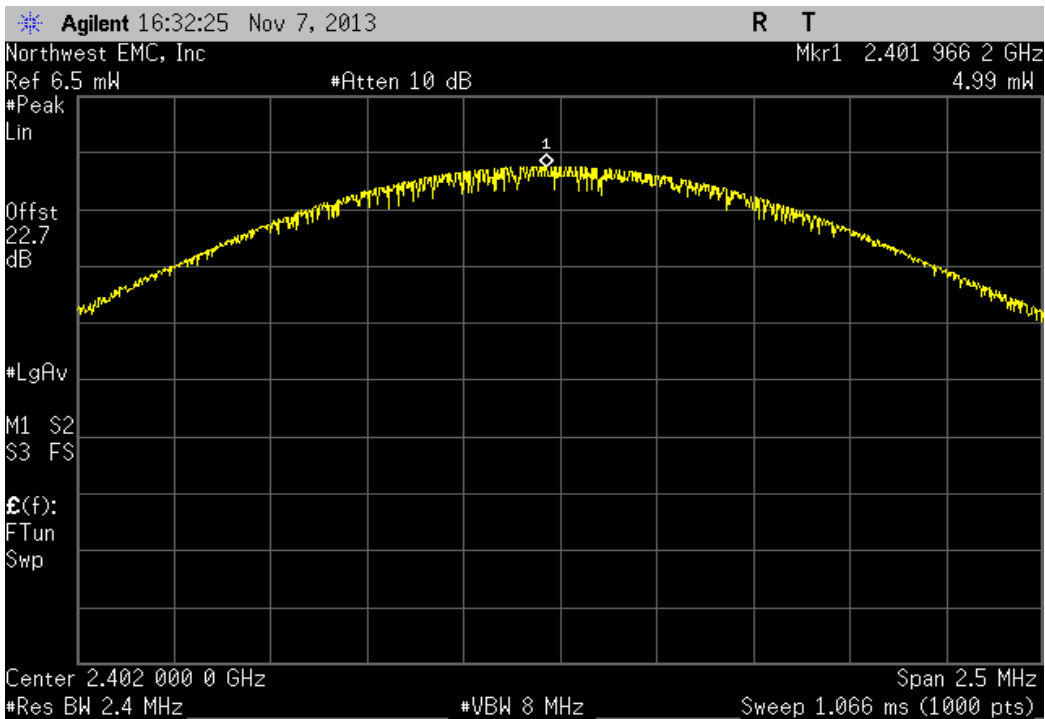
Hopping Mode, 2DH5, pi/4-DQPSK, Mid Channel, 2440 MHz			
	Value	Limit	Result
	4.348 mW	< 125 mW	Pass



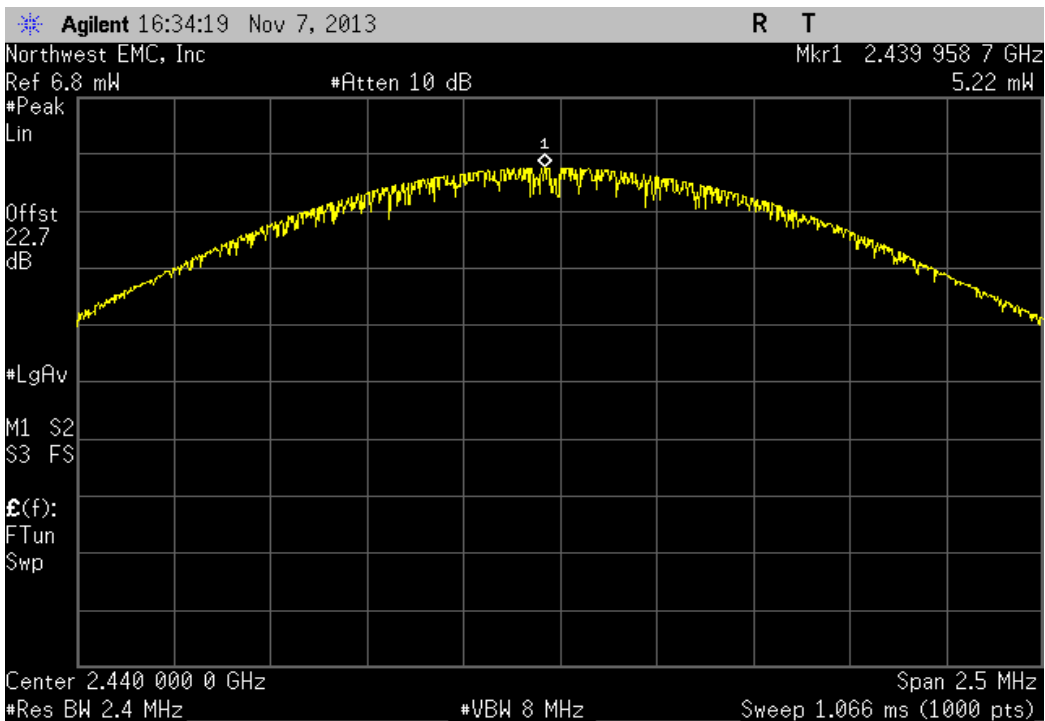
Hopping Mode, 2DH5, pi/4-DQPSK, High Channel, 2480 MHz			
	Value	Limit	Result
	4.467 mW	< 125 mW	Pass



Hopping Mode, 3DH5, 8-DPSK, Low Channel, 2402 MHz			
	Value	Limit	Result
	4.987 mW	< 125 mW	Pass

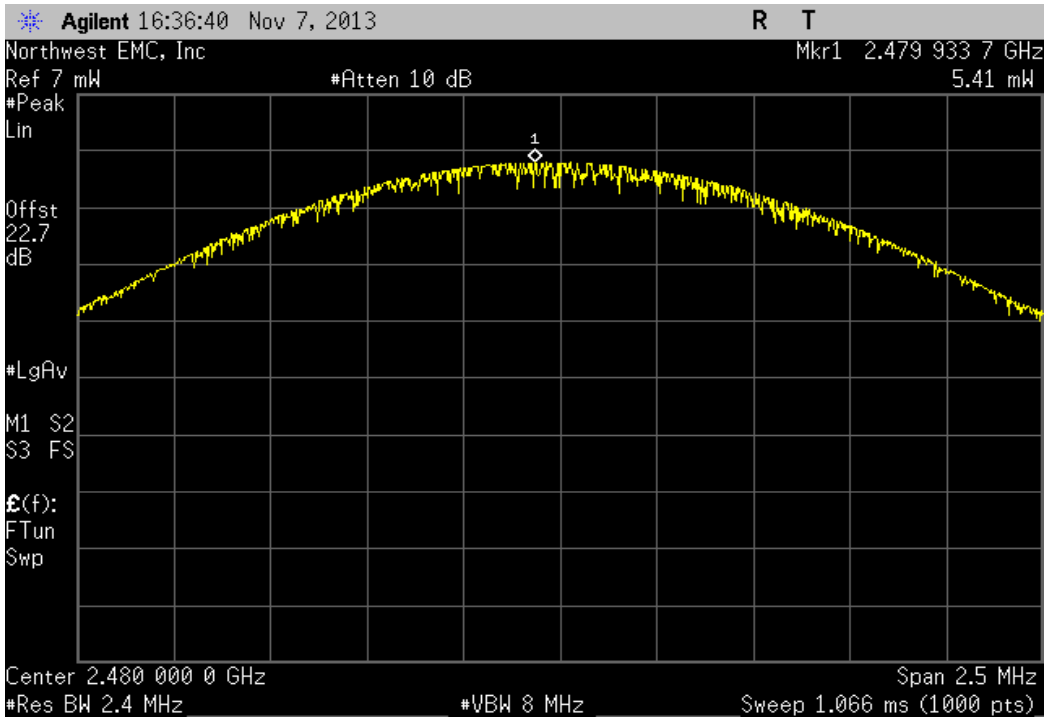


Hopping Mode, 3DH5, 8-DPSK, Mid Channel, 2440 MHz			
	Value	Limit	Result
	5.219 mW	< 125 mW	Pass



Hopping Mode, 3DH5, 8-DPSK, High Channel, 2480 MHz

	Value	Limit	Result
	5.406 mW	< 125 mW	Pass



Occupied Bandwidth

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

TEST EQUIPMENT

Description	Manufacturer	Model	ID	Last Cal.	Interval
Attenuator, 'Precision N'	S.M. Electronics	SA18N-06/SM4032	REE	12/11/2012	12
MXG Vector Signal Generator	Agilent	N5182A	TIF	NCR	0
Power Meter	Gigatronics	8651A	SPM	1/9/2012	24
Power Sensor	Gigatronics	80701A	SPL	7/8/2011	36
EV06 Direct Connect Cable	ESM Cable Corp.	TT	ECA	NCR	0
Attenuator 20 dB, SMA M/F 26GHz	S.M. Electronics	SA26B-20	AUY	7/30/2013	12
40GHz DC Block	Miteq	DCB4000	AMD	5/16/2013	12
Spectrum Analyzer	Agilent	E4446A	AAQ	2/7/2012	24

TEST DESCRIPTION

The occupied bandwidth was measured with the EUT set to low, medium and high transmit frequencies. The measurement was made using a direct connection between the RF output of the EUT and the spectrum analyzer. The EUT was transmitting at the data rate(s) listed in the datasheet in a no-hop mode.

(The radio was operated with the customer's test software for the modes tested)



Occupied Bandwidth

XMit 2013.08.15
PsaTx 2013.07.11

EUT: The EGG		Work Order: INSD0003	
Serial Number: 99		Date: 11/11/13	
Customer: Intel Corporation		Temperature: 22.9°C	
Attendees: None		Humidity: 37%	
Project: None		Barometric Pres.: 1020.4	
Tested by: Brandon Hobbs		Power: 4 VDC	
		Job Site: EV06	

TEST SPECIFICATIONS		Test Method	
FCC 15.247:2013		ANSI C63.10:2009	

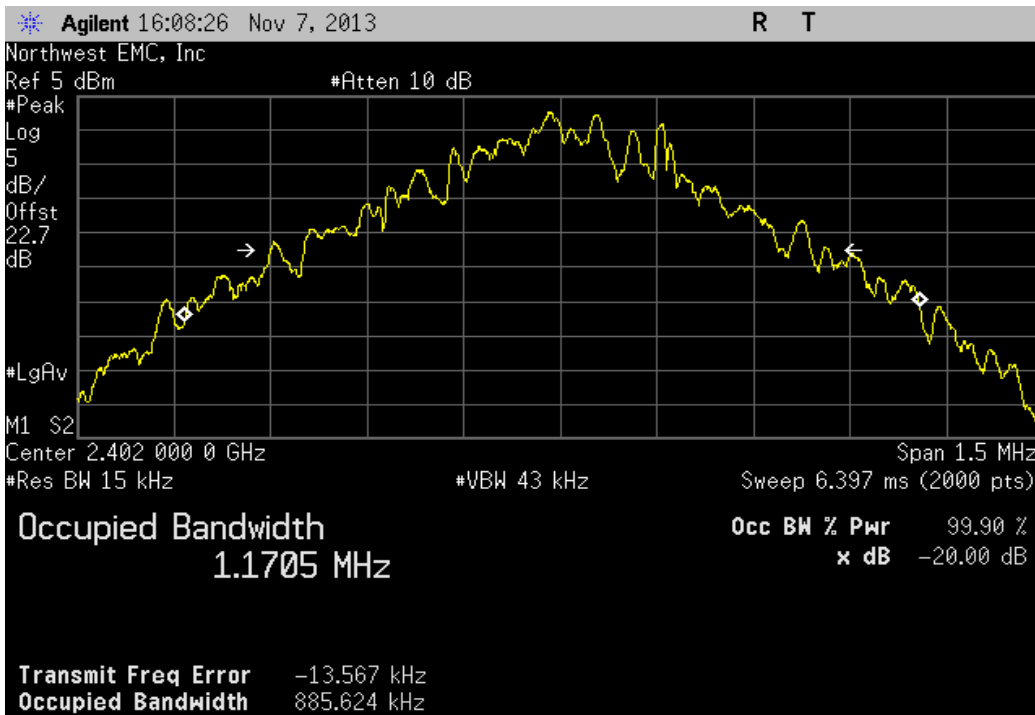
COMMENTS
The EUT is operating in single channel mode (not hopping). (The radio was operated with the customer's test software for the modes tested)

DEVIATIONS FROM TEST STANDARD
None

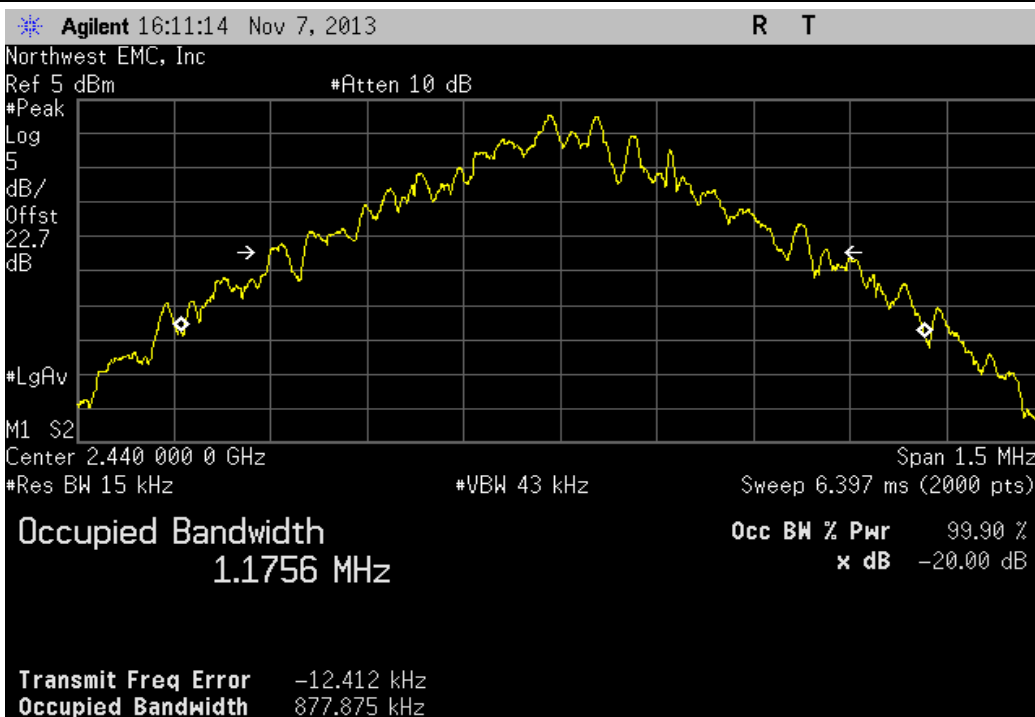
Configuration #	1	Signature 
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		Value	Limit	Result
Hopping Mode				
DH5, GFSK				
	Low Channel, 2402 MHz	885.624 kHz	< 1.5 MHz	Pass
	Mid Channel, 2440 MHz	877.875 kHz	< 1.5 MHz	Pass
	High Channel, 2480 MHz	885.784 kHz	< 1.5 MHz	Pass
2DH5, pi/4-DQPSK				
	Low Channel, 2402 MHz	1.319 MHz	< 1.5 MHz	Pass
	Mid Channel, 2440 MHz	1.317 MHz	< 1.5 MHz	Pass
	High Channel, 2480 MHz	1.31 MHz	< 1.5 MHz	Pass
3DH5, 8-DPSK				
	Low Channel, 2402 MHz	1.278 MHz	< 1.5 MHz	Pass
	Mid Channel, 2440 MHz	1.326 MHz	< 1.5 MHz	Pass
	High Channel, 2480 MHz	1.286 MHz	< 1.5 MHz	Pass

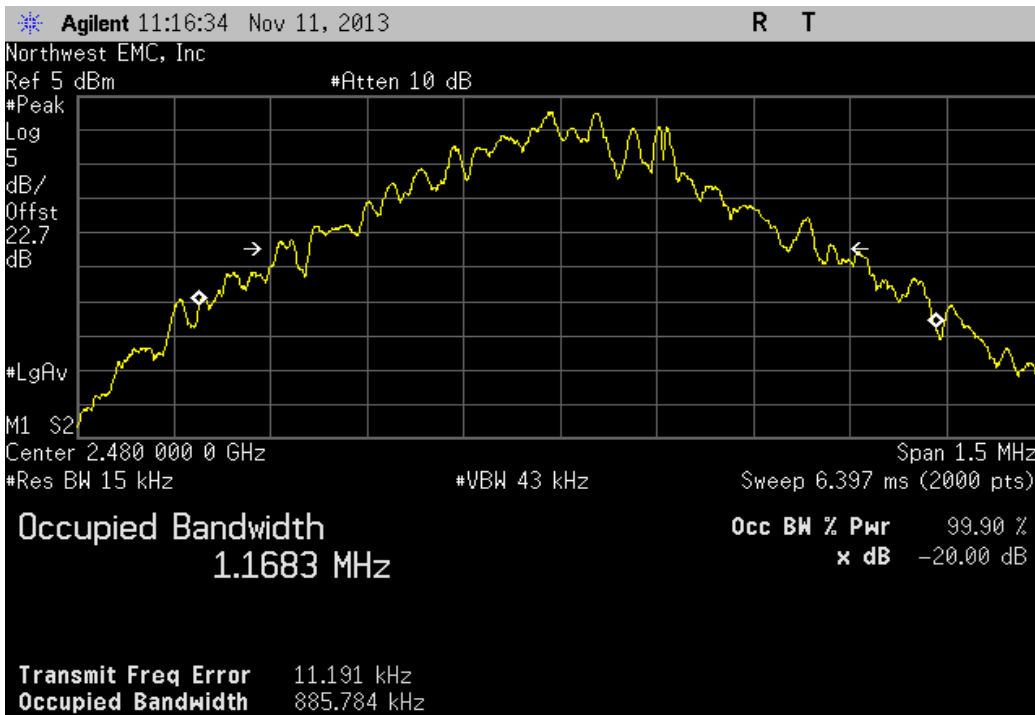
Hopping Mode, DH5, GFSK, Low Channel, 2402 MHz			
	Value	Limit	Result
	885.624 kHz	< 1.5 MHz	Pass



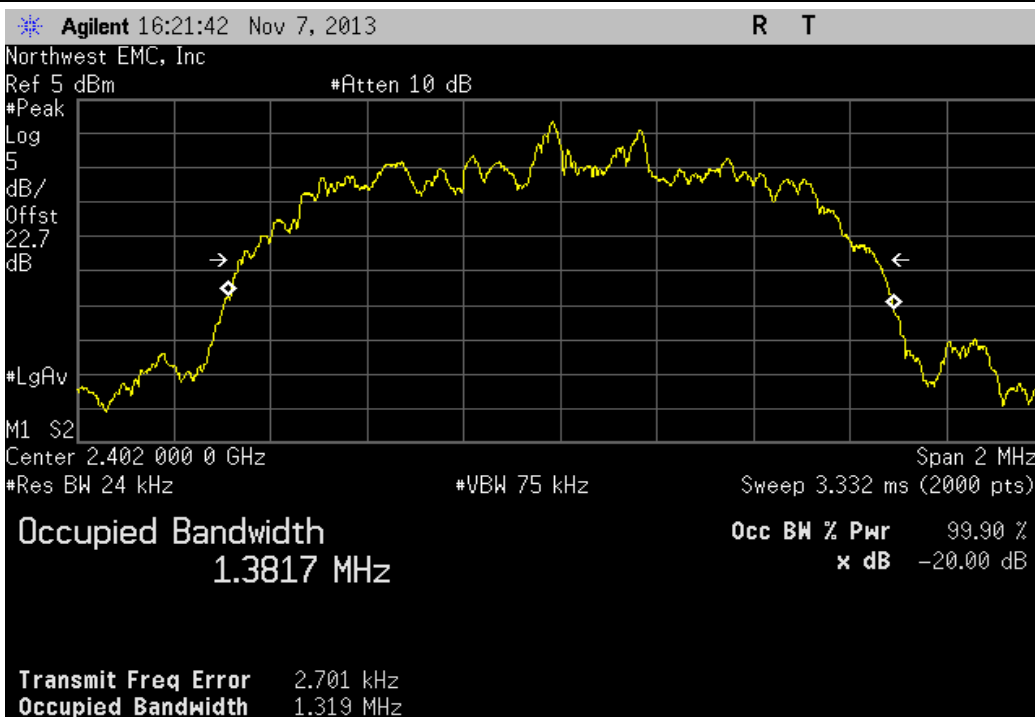
Hopping Mode, DH5, GFSK, Mid Channel, 2440 MHz			
	Value	Limit	Result
	877.875 kHz	< 1.5 MHz	Pass



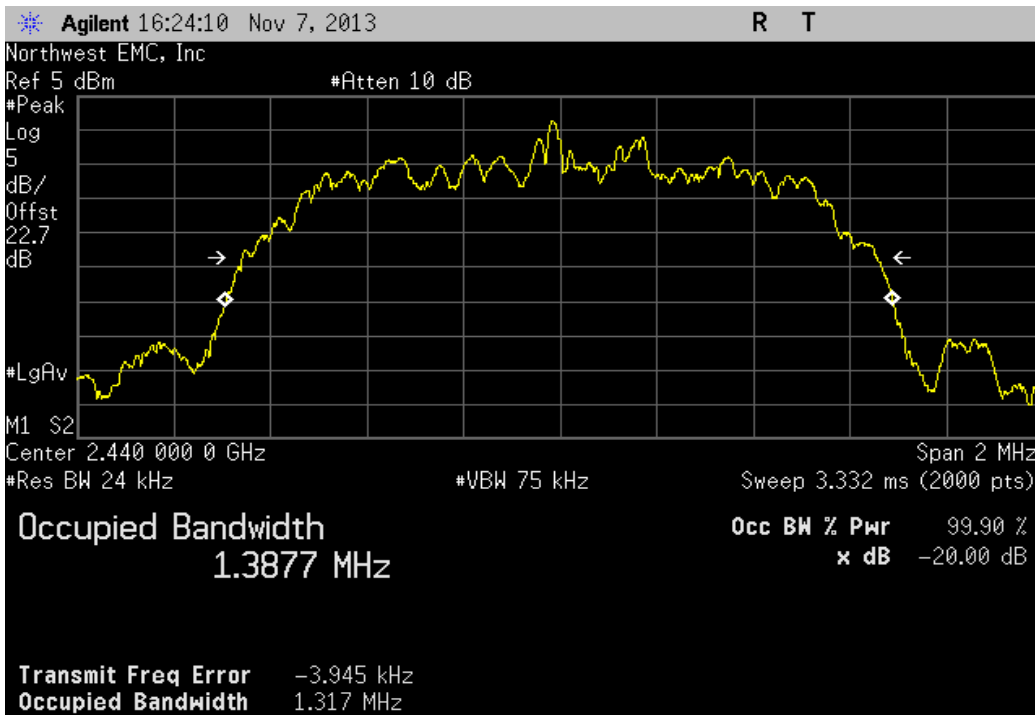
Hopping Mode, DH5, GFSK, High Channel, 2480 MHz			
	Value	Limit	Result
	885.784 kHz	< 1.5 MHz	Pass



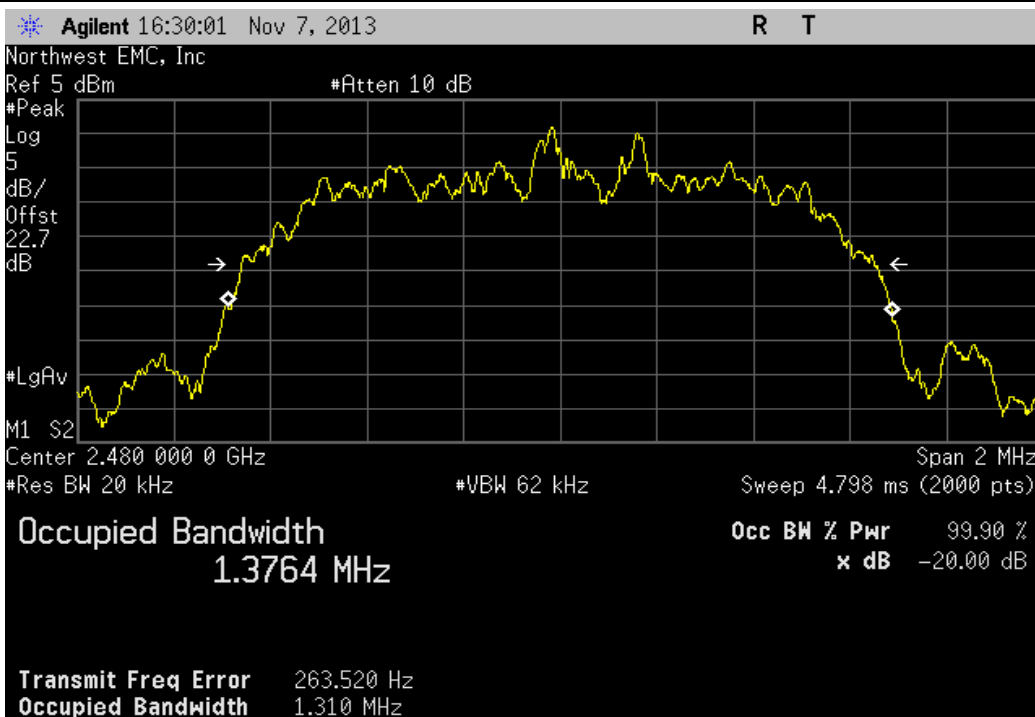
Hopping Mode, 2DH5, pi/4-DQPSK, Low Channel, 2402 MHz			
	Value	Limit	Result
	1.319 MHz	< 1.5 MHz	Pass



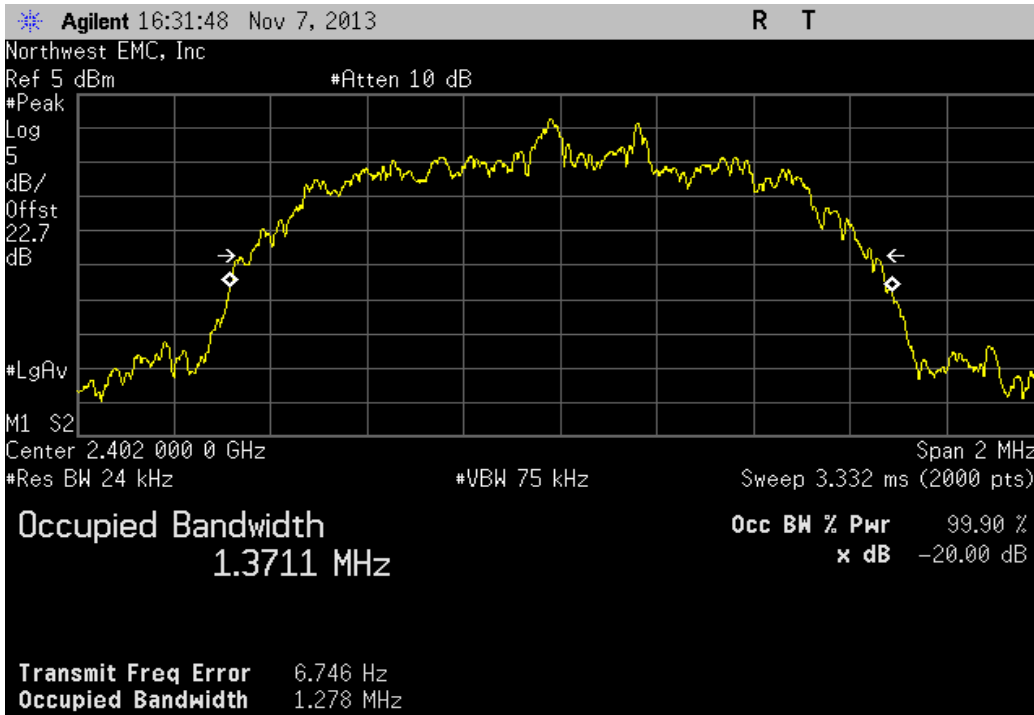
Hopping Mode, 2DH5, pi/4-DQPSK, Mid Channel, 2440 MHz			
	Value	Limit	Result
	1.317 MHz	< 1.5 MHz	Pass



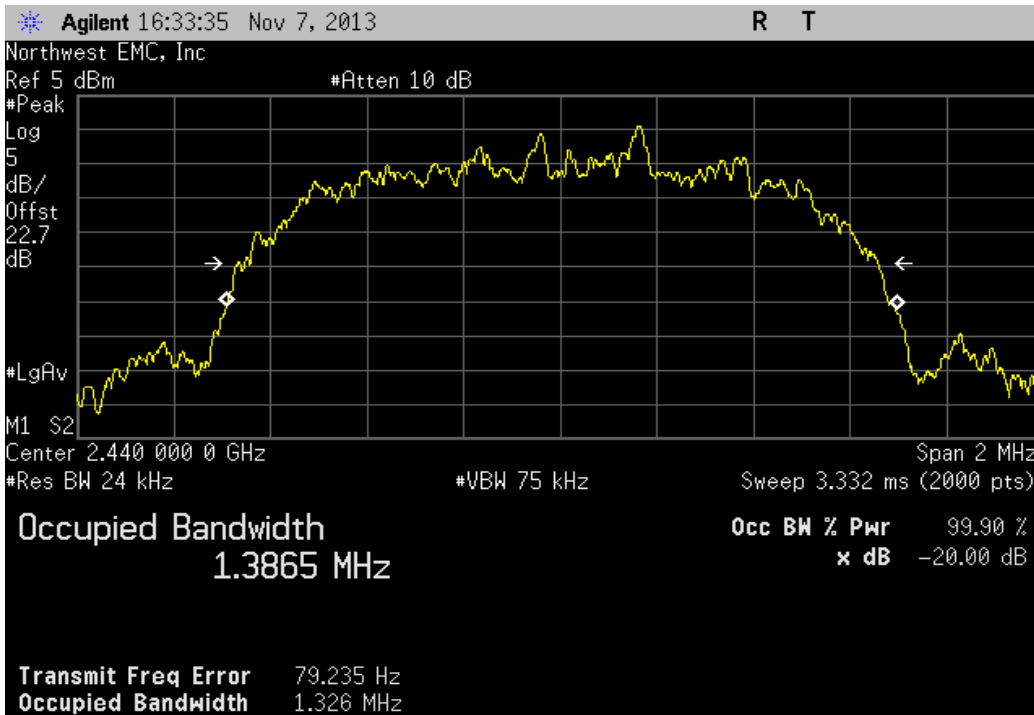
Hopping Mode, 2DH5, pi/4-DQPSK, High Channel, 2480 MHz			
	Value	Limit	Result
	1.31 MHz	< 1.5 MHz	Pass



Hopping Mode, 3DH5, 8-DPSK, Low Channel, 2402 MHz			
	Value	Limit	Result
	1.278 MHz	< 1.5 MHz	Pass

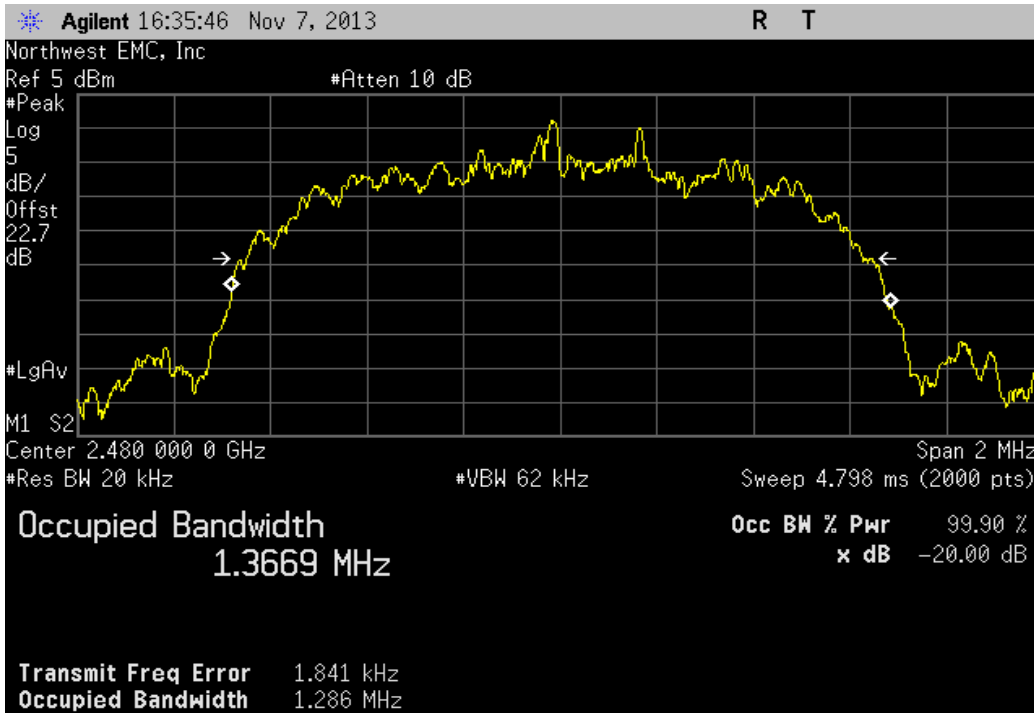


Hopping Mode, 3DH5, 8-DPSK, Mid Channel, 2440 MHz			
	Value	Limit	Result
	1.326 MHz	< 1.5 MHz	Pass



Hopping Mode, 3DH5, 8-DPSK, High Channel, 2480 MHz

Value	Limit	Result
1.286 MHz	< 1.5 MHz	Pass



Spurious Conducted Emissions

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

TEST EQUIPMENT

Description	Manufacturer	Model	ID	Last Cal.	Interval
Attenuator, 'Precision N'	S.M. Electronics	SA18N-06/SM4032	REE	12/11/2012	12
MXG Vector Signal Generator	Agilent	N5182A	TIF	NCR	0
Power Meter	Gigatronics	8651A	SPM	1/9/2012	24
Power Sensor	Gigatronics	80701A	SPL	7/8/2011	36
EV06 Direct Connect Cable	ESM Cable Corp.	TT	ECA	NCR	0
Attenuator 20 dB, SMA M/F 26GHz	S.M. Electronics	SA26B-20	AUY	7/30/2013	12
40GHz DC Block	Miteq	DCB4000	AMD	5/16/2013	12
Spectrum Analyzer	Agilent	E4446A	AAQ	2/7/2012	24

TEST DESCRIPTION

The spurious RF conducted emissions were measured with the EUT set to low, medium and high transmit frequencies. The measurements were made using a direct connection between the RF output of the EUT and the spectrum analyzer. The EUT was transmitting at the data rate(s) listed in the datasheet in a no-hop mode. For each transmit frequency, the spectrum was scanned throughout the specified frequency range.

(The radio was operated with the customer's test software for the modes tested)



Spurious Conducted Emissions

XMit 2013.08.15
PsaTx 2013.07.11

EUT: The EGG		Work Order: INSD0003	
Serial Number: 99		Date: 11/11/13	
Customer: Intel Corporation		Temperature: 22.9°C	
Attendees: None		Humidity: 37%	
Project: None		Barometric Pres.: 1020.4	
Tested by: Brandon Hobbs		Power: 4 VDC	
		Job Site: EV06	

TEST SPECIFICATIONS		Test Method	
FCC 15.247:2013		ANSI C63.10:2009	

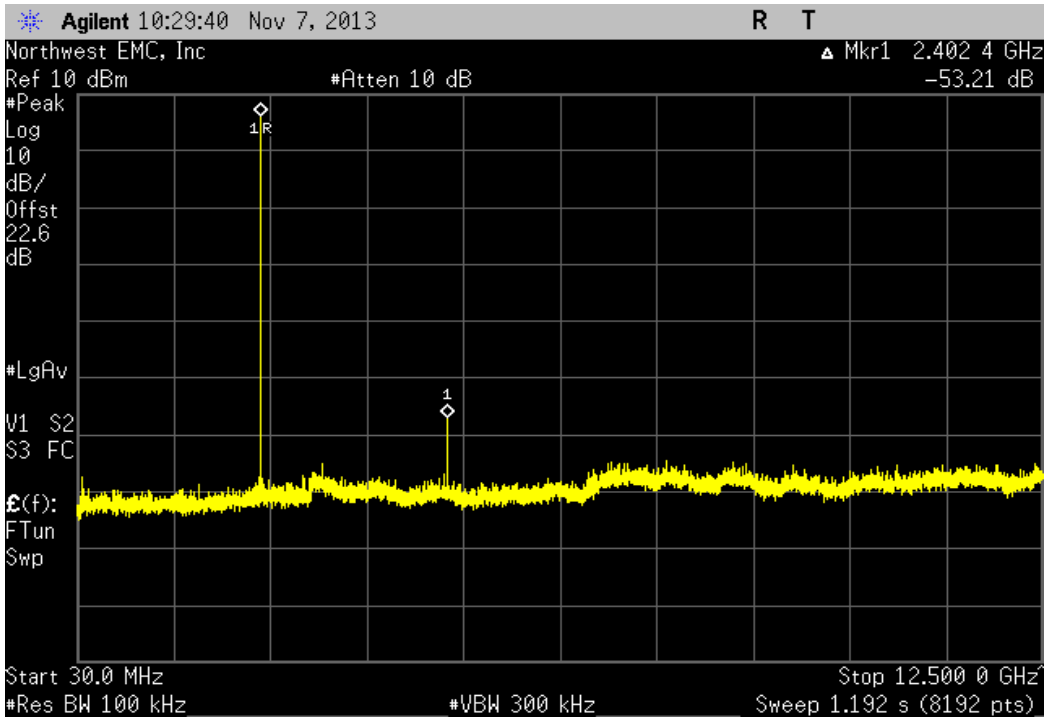
COMMENTS
The EUT is operating in single channel mode (not hopping). (The radio was operated with the customer's test software for the modes tested)

DEVIATIONS FROM TEST STANDARD
None

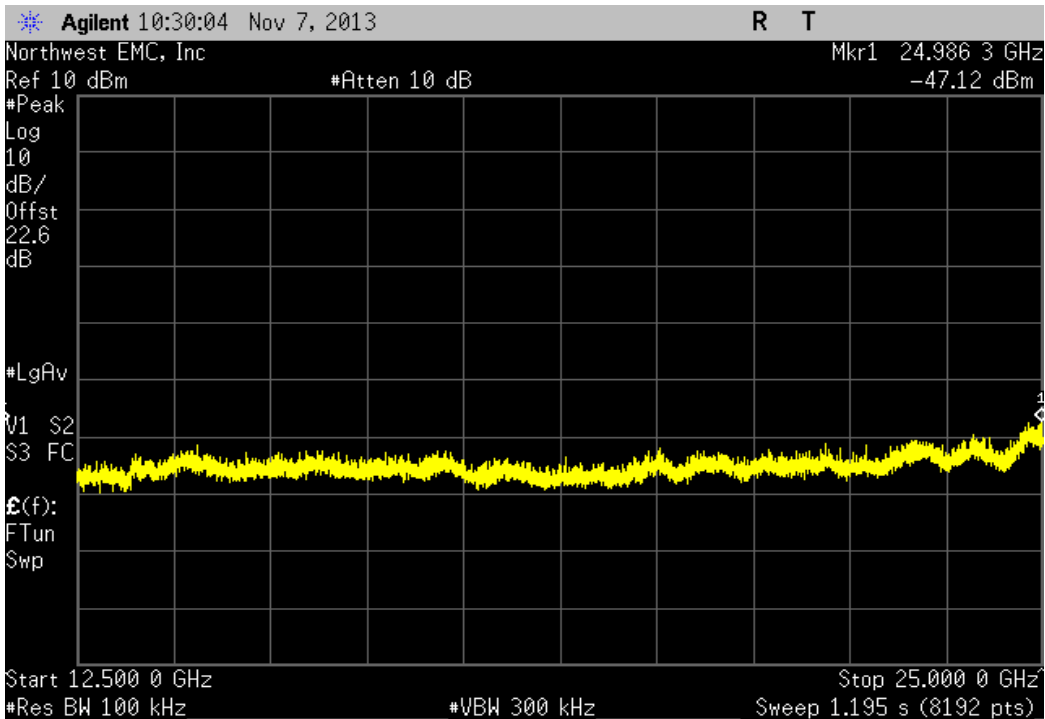
Configuration #	1	Signature
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Hopping Mode	Frequency Range	Value	Limit	Result
DH5, GFSK				
Low Channel, 2402 MHz	30 MHz - 12.5 GHz	-53.21 dBc	≤ -20 dBc	Pass
Low Channel, 2402 MHz	12.5 GHz - 25 GHz	-53.29 dBc	≤ -20 dBc	Pass
Mid Channel, 2440 MHz	30 MHz - 12.5 GHz	-51.14 dBc	≤ -20 dBc	Pass
Mid Channel, 2440 MHz	12.5 GHz - 25 GHz	-53.89 dBc	≤ -20 dBc	Pass
High Channel, 2480 MHz	30 MHz - 12.5 GHz	-49.98 dBc	≤ -20 dBc	Pass
High Channel, 2480 MHz	12.5 GHz - 25 GHz	-53.54 dBc	≤ -20 dBc	Pass
2DH5, pi/4-DQPSK				
Low Channel, 2402 MHz	30 MHz - 12.5 GHz	-54.59 dBc	≤ -20 dBc	Pass
Low Channel, 2402 MHz	12.5 GHz - 25 GHz	-50.47 dBc	≤ -20 dBc	Pass
Mid Channel, 2440 MHz	30 MHz - 12.5 GHz	-51.64 dBc	≤ -20 dBc	Pass
Mid Channel, 2440 MHz	12.5 GHz - 25 GHz	-50.23 dBc	≤ -20 dBc	Pass
High Channel, 2480 MHz	30 MHz - 12.5 GHz	-49.85 dBc	≤ -20 dBc	Pass
High Channel, 2480 MHz	12.5 GHz - 25 GHz	-50.78 dBc	≤ -20 dBc	Pass
3DH5, 8-DPSK				
Low Channel, 2402 MHz	30 MHz - 12.5 GHz	-55.58 dBc	≤ -20 dBc	Pass
Low Channel, 2402 MHz	12.5 GHz - 25 GHz	-50.08 dBc	≤ -20 dBc	Pass
Mid Channel, 2440 MHz	30 MHz - 12.5 GHz	-50.99 dBc	≤ -20 dBc	Pass
Mid Channel, 2440 MHz	12.5 GHz - 25 GHz	-49.89 dBc	≤ -20 dBc	Pass
High Channel, 2480 MHz	30 MHz - 12.5 GHz	-49.52 dBc	≤ -20 dBc	Pass
High Channel, 2480 MHz	12.5 GHz - 25 GHz	-50.48 dBc	≤ -20 dBc	Pass

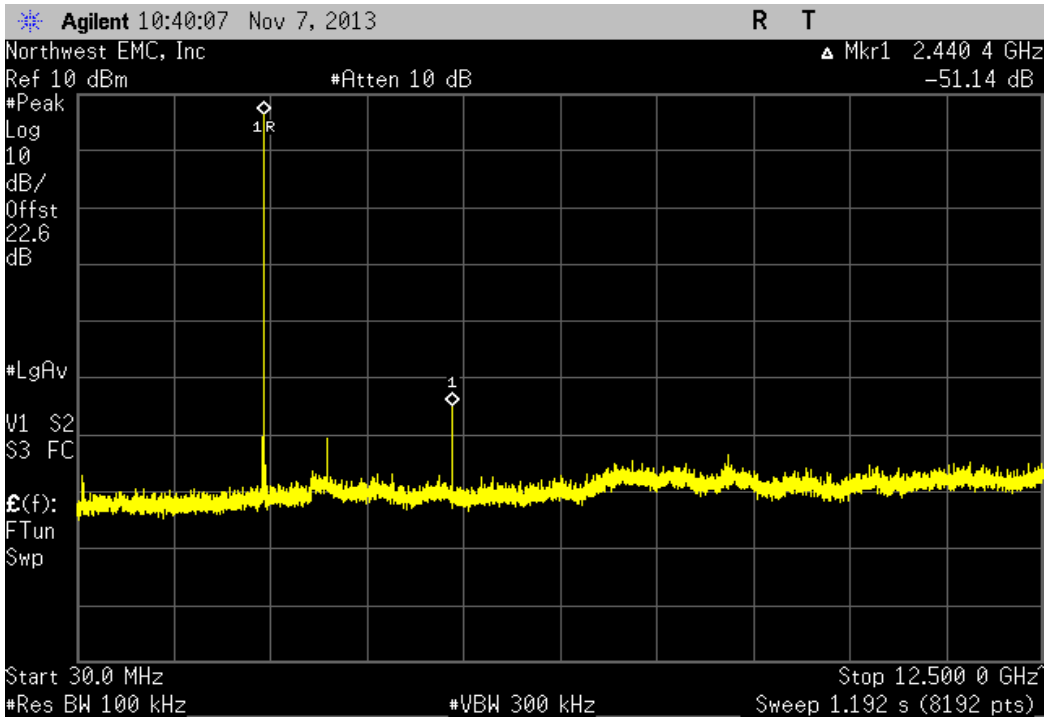
Hopping Mode, DH5, GFSK, Low Channel, 2402 MHz			
Frequency Range	Value	Limit	Result
30 MHz - 12.5 GHz	-53.21 dBc	≤ -20 dBc	Pass



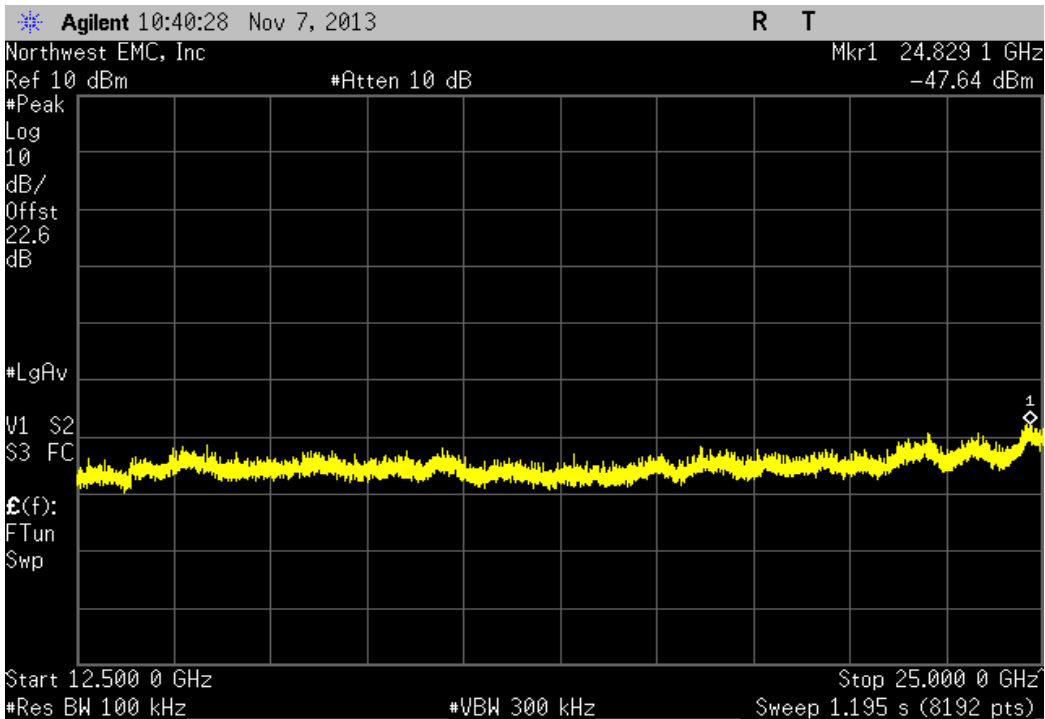
Hopping Mode, DH5, GFSK, Low Channel, 2402 MHz			
Frequency Range	Value	Limit	Result
12.5 GHz - 25 GHz	-53.29 dBc	≤ -20 dBc	Pass



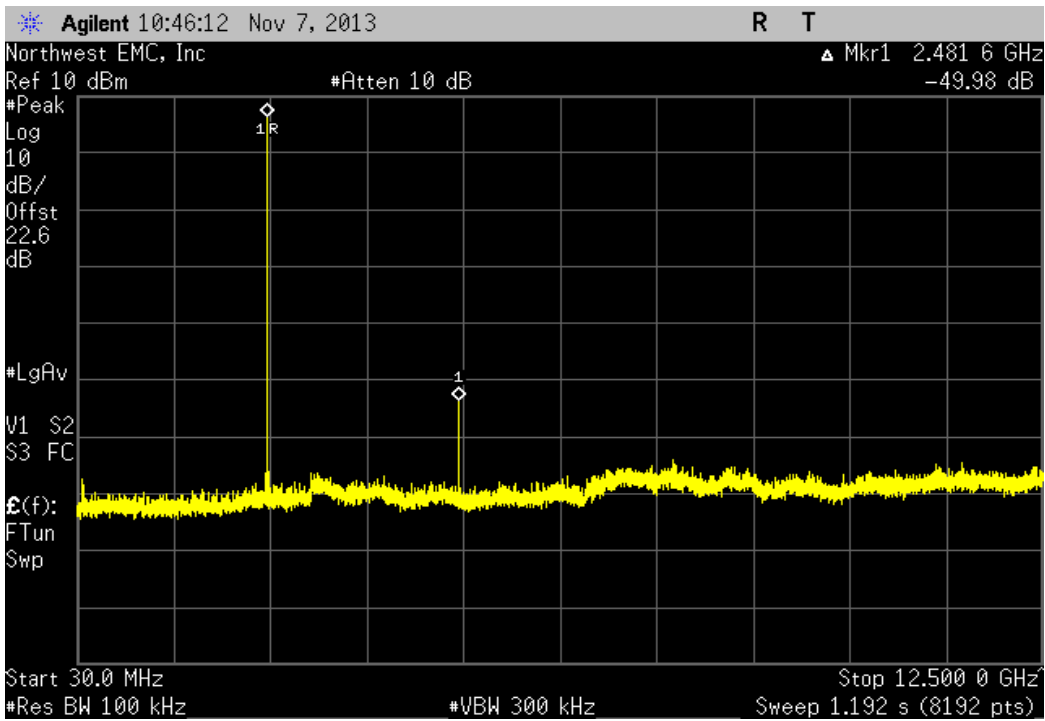
Hopping Mode, DH5, GFSK, Mid Channel, 2440 MHz			
Frequency Range	Value	Limit	Result
30 MHz - 12.5 GHz	-51.14 dBc	≤ -20 dBc	Pass



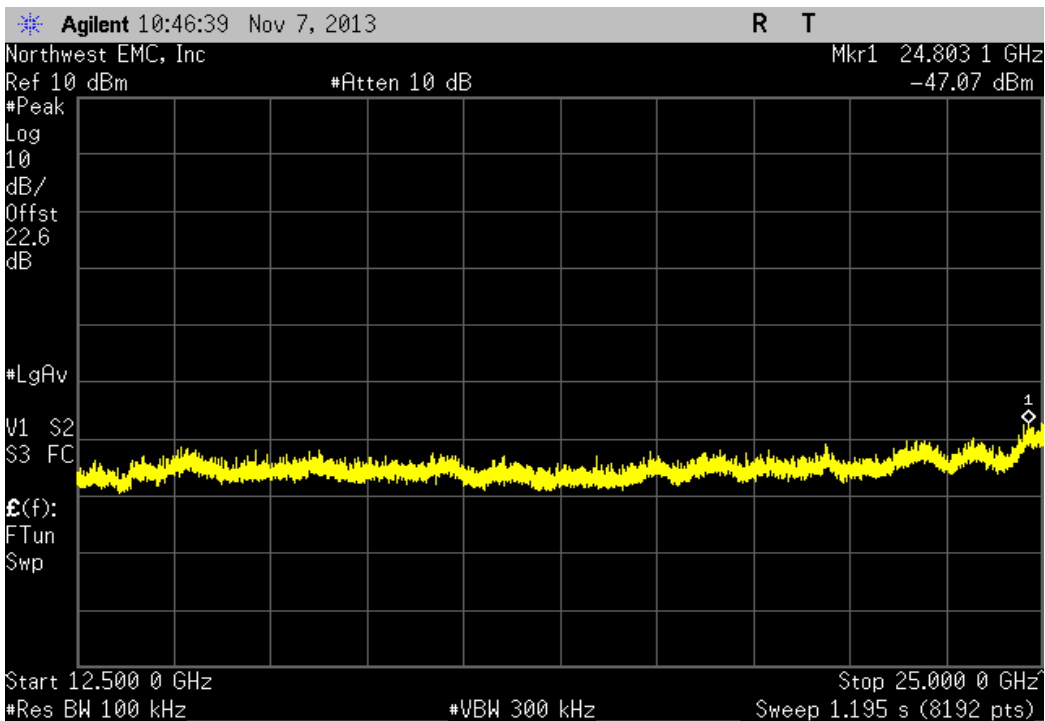
Hopping Mode, DH5, GFSK, Mid Channel, 2440 MHz			
Frequency Range	Value	Limit	Result
12.5 GHz - 25 GHz	-53.89 dBc	≤ -20 dBc	Pass



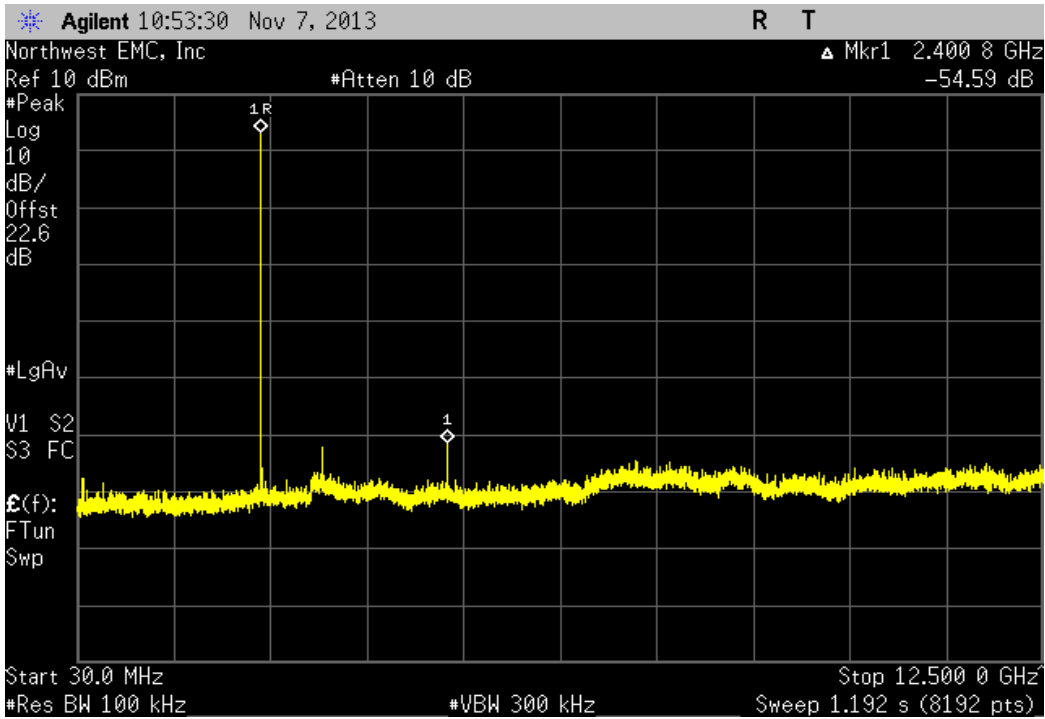
Hopping Mode, DH5, GFSK, High Channel, 2480 MHz			
Frequency Range	Value	Limit	Result
30 MHz - 12.5 GHz	-49.98 dBc	≤ -20 dBc	Pass



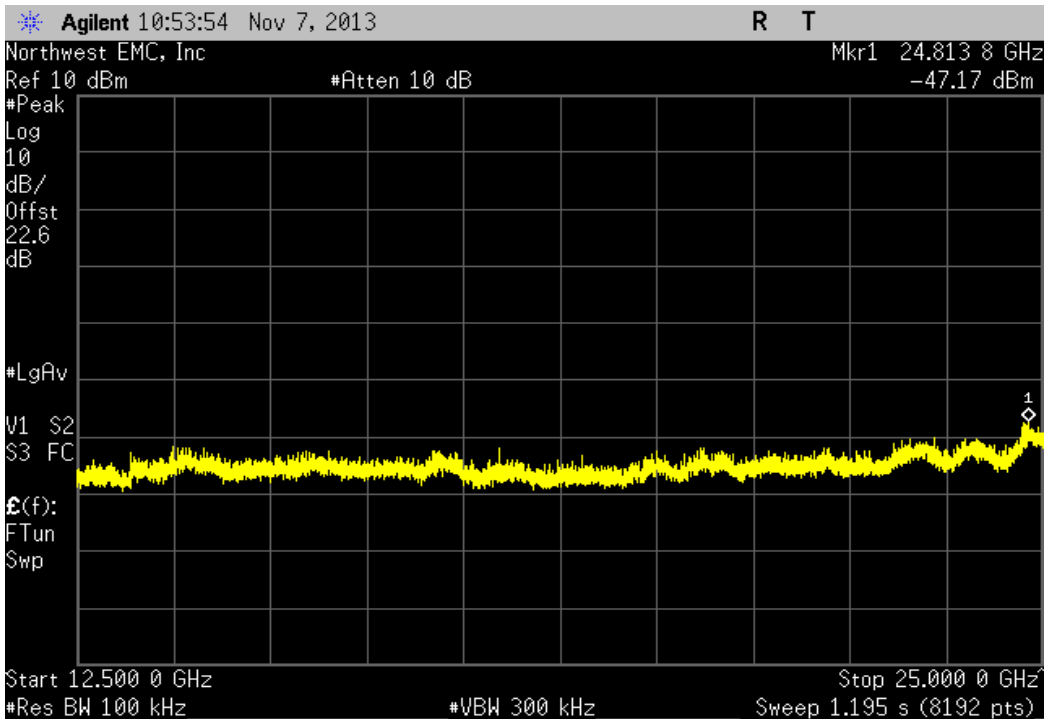
Hopping Mode, DH5, GFSK, High Channel, 2480 MHz			
Frequency Range	Value	Limit	Result
12.5 GHz - 25 GHz	-53.54 dBc	≤ -20 dBc	Pass



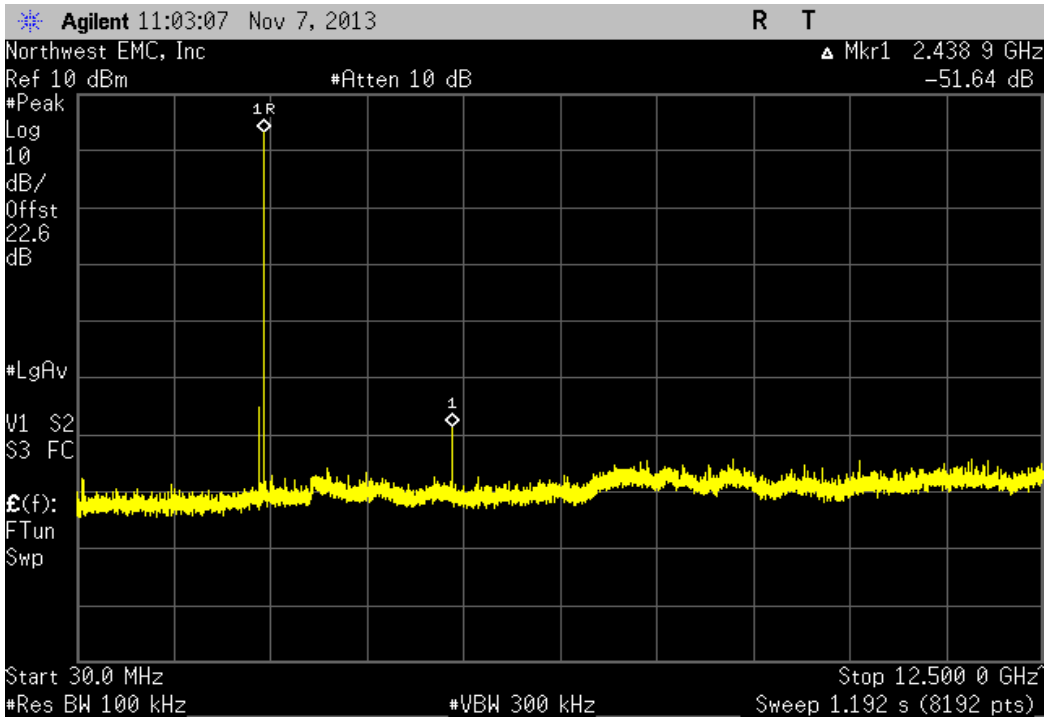
Hopping Mode, 2DH5, pi/4-DQPSK, Low Channel, 2402 MHz			
Frequency Range	Value	Limit	Result
30 MHz - 12.5 GHz	-54.59 dBc	≤ -20 dBc	Pass



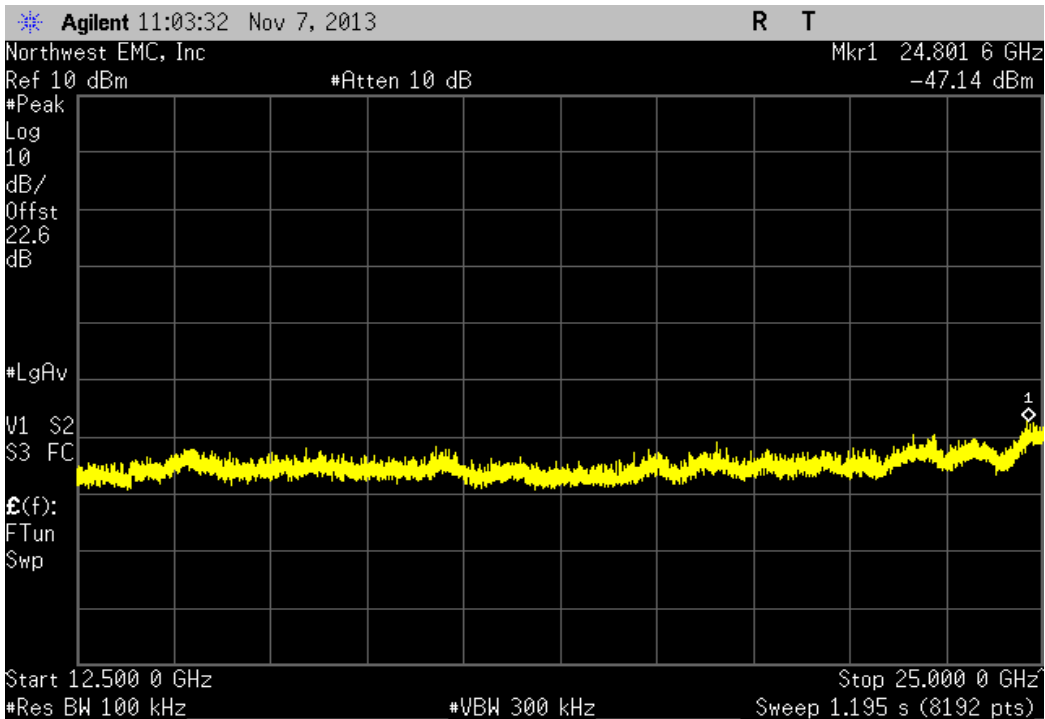
Hopping Mode, 2DH5, pi/4-DQPSK, Low Channel, 2402 MHz			
Frequency Range	Value	Limit	Result
12.5 GHz - 25 GHz	-50.47 dBc	≤ -20 dBc	Pass



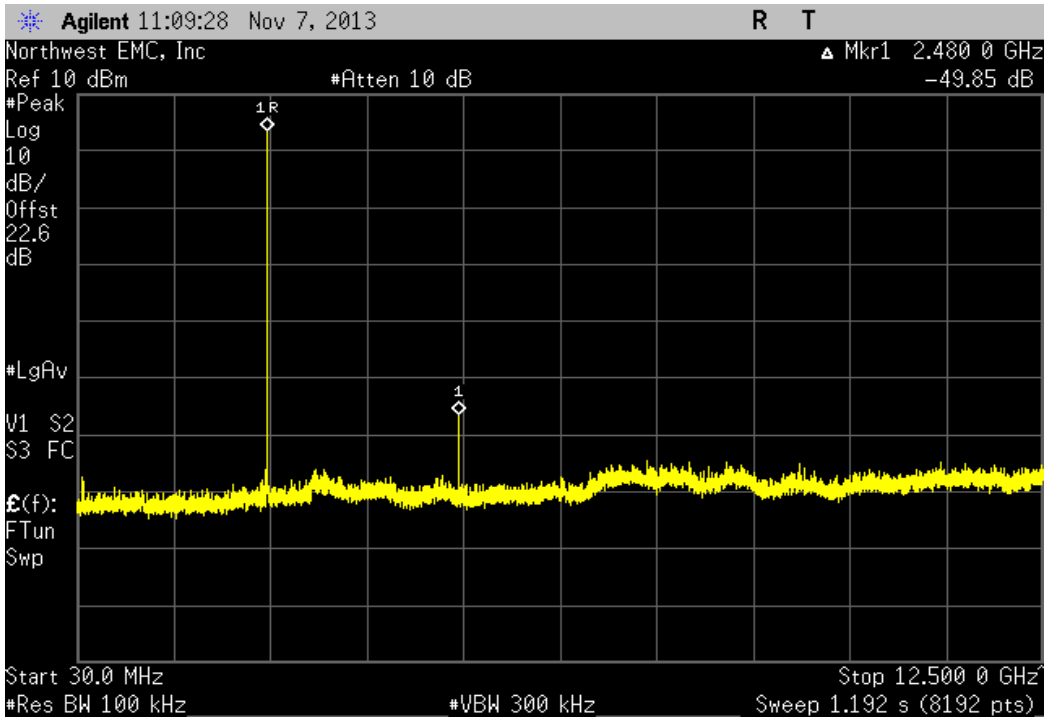
Hopping Mode, 2DH5, pi/4-DQPSK, Mid Channel, 2440 MHz			
Frequency Range	Value	Limit	Result
30 MHz - 12.5 GHz	-51.64 dBc	≤ -20 dBc	Pass



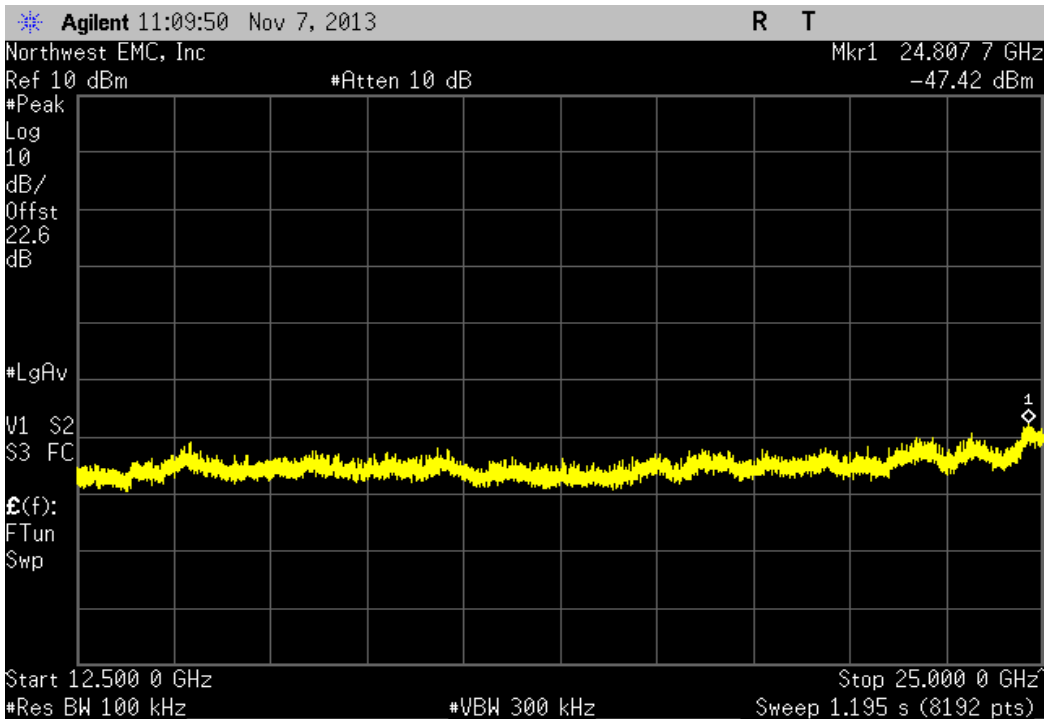
Hopping Mode, 2DH5, pi/4-DQPSK, Mid Channel, 2440 MHz			
Frequency Range	Value	Limit	Result
12.5 GHz - 25 GHz	-50.23 dBc	≤ -20 dBc	Pass



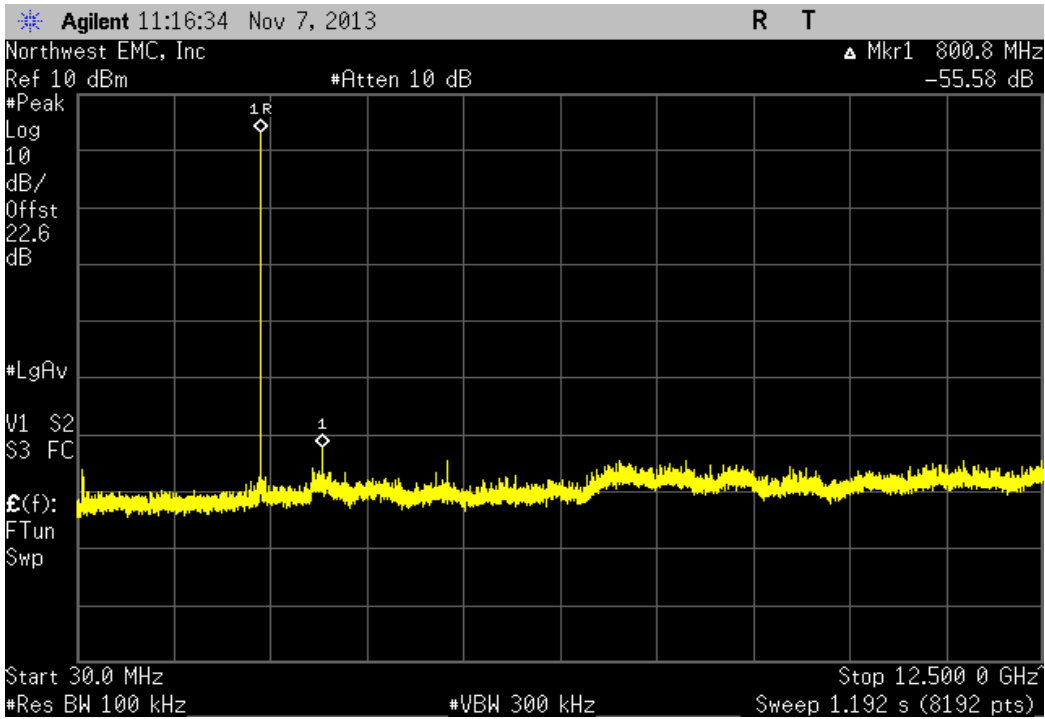
Hopping Mode, 2DH5, pi/4-DQPSK, High Channel, 2480 MHz			
Frequency Range	Value	Limit	Result
30 MHz - 12.5 GHz	-49.85 dBc	≤ -20 dBc	Pass



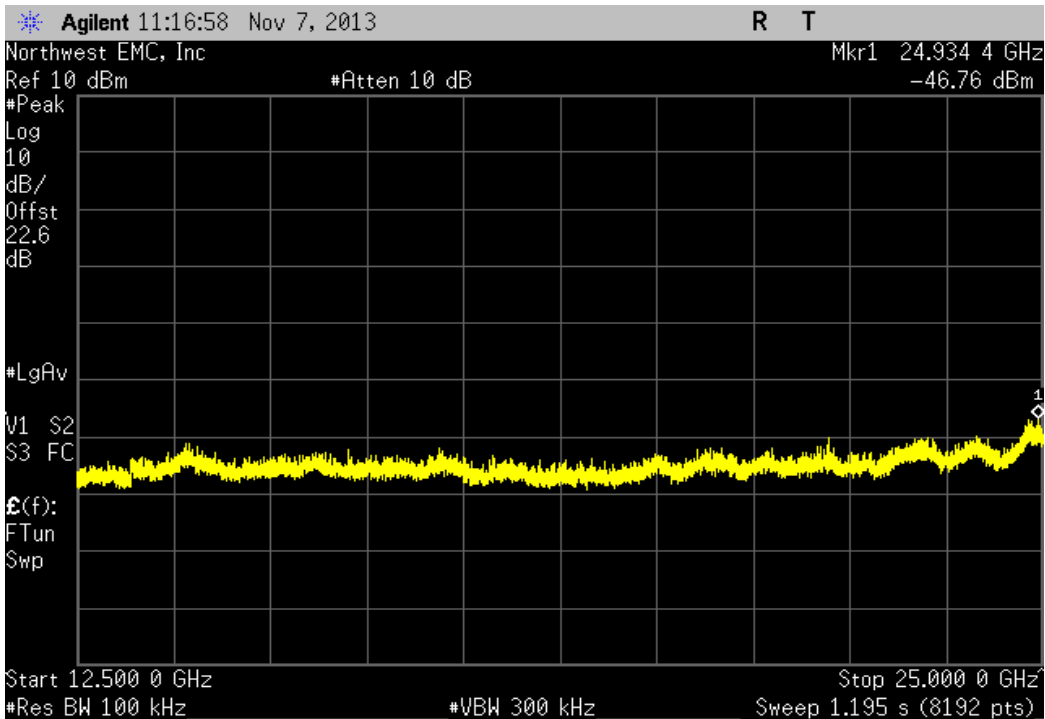
Hopping Mode, 2DH5, pi/4-DQPSK, High Channel, 2480 MHz			
Frequency Range	Value	Limit	Result
12.5 GHz - 25 GHz	-50.78 dBc	≤ -20 dBc	Pass



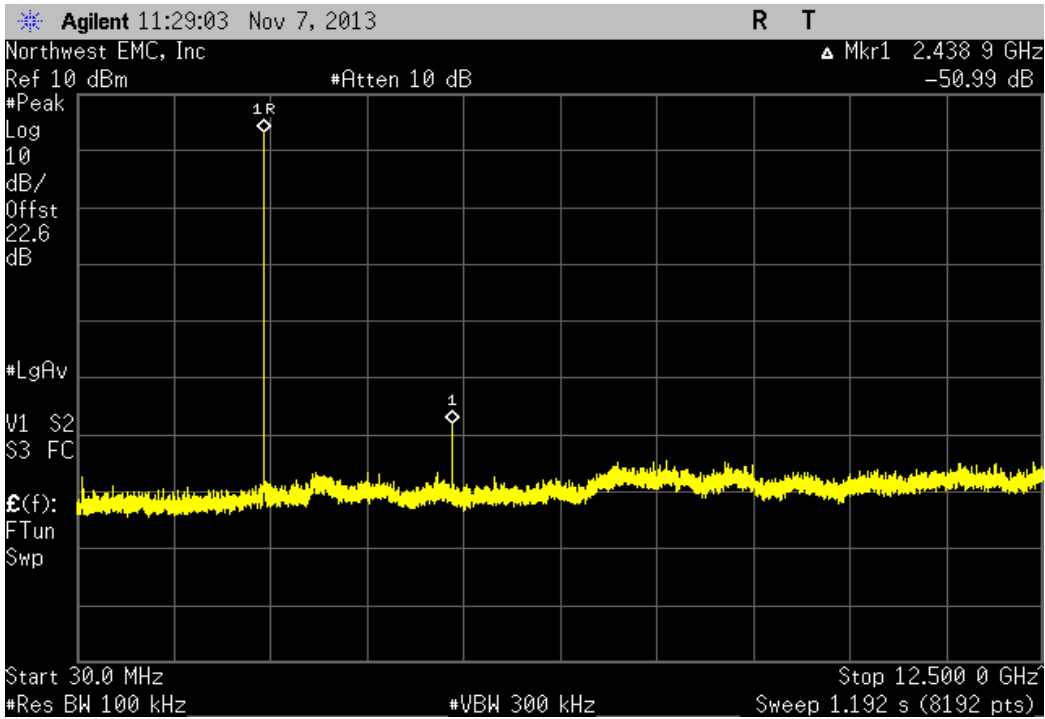
Hopping Mode, 3DH5, 8-DPSK, Low Channel, 2402 MHz			
Frequency Range	Value	Limit	Result
30 MHz - 12.5 GHz	-55.58 dBc	≤ -20 dBc	Pass



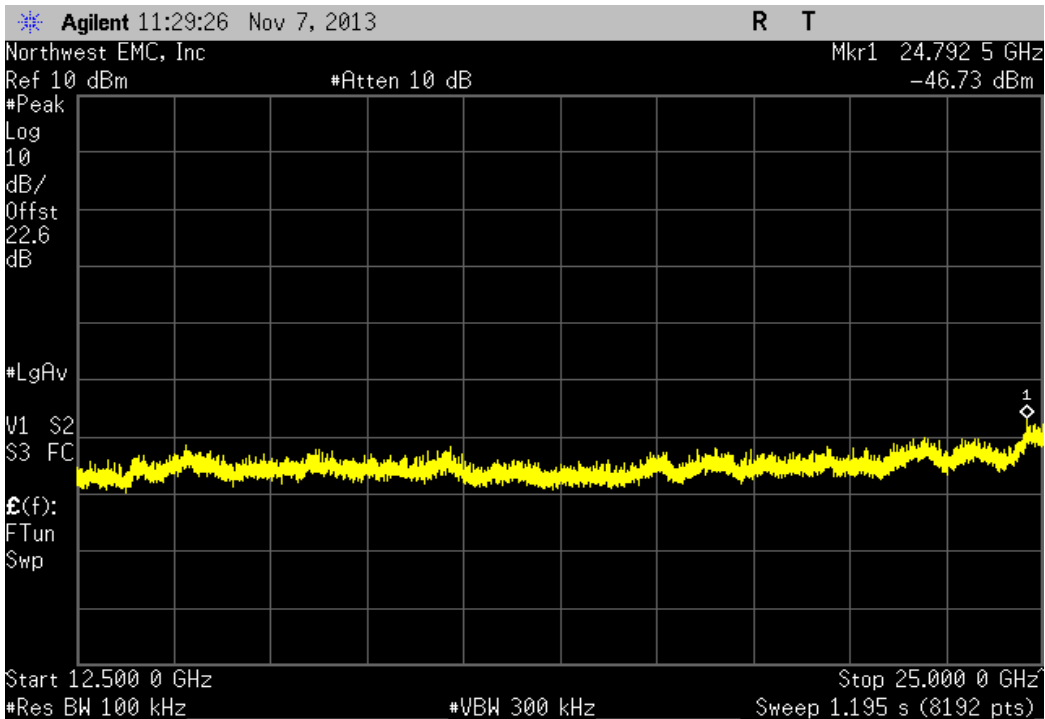
Hopping Mode, 3DH5, 8-DPSK, Low Channel, 2402 MHz			
Frequency Range	Value	Limit	Result
12.5 GHz - 25 GHz	-50.08 dBc	≤ -20 dBc	Pass



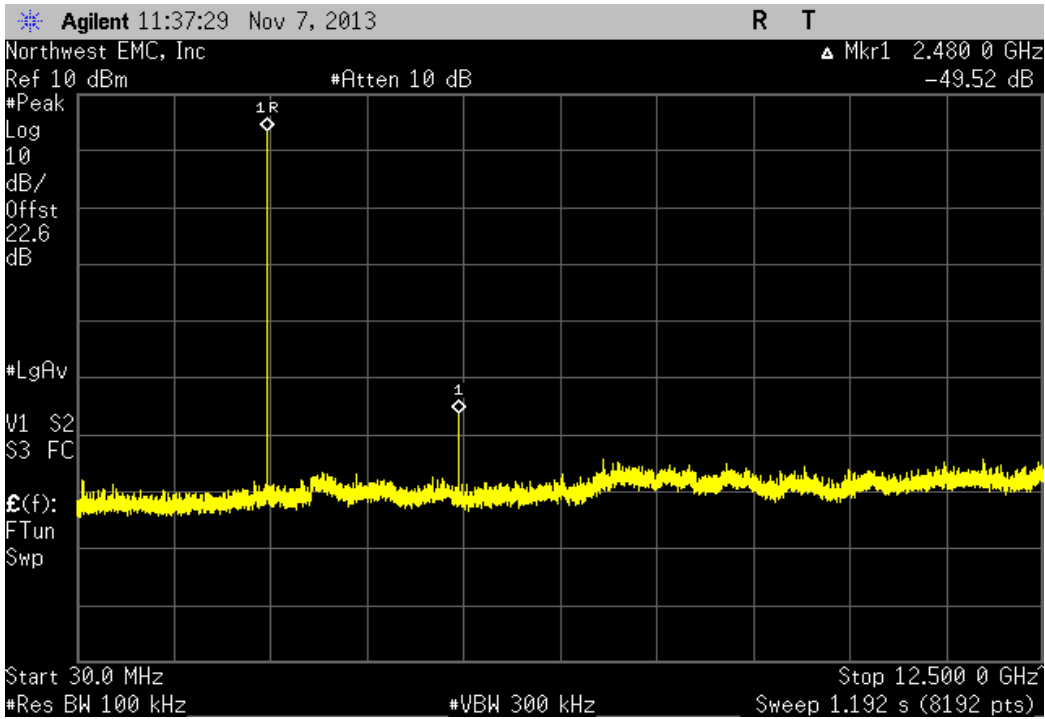
Hopping Mode, 3DH5, 8-DPSK, Mid Channel, 2440 MHz			
Frequency Range	Value	Limit	Result
30 MHz - 12.5 GHz	-50.99 dBc	≤ -20 dBc	Pass



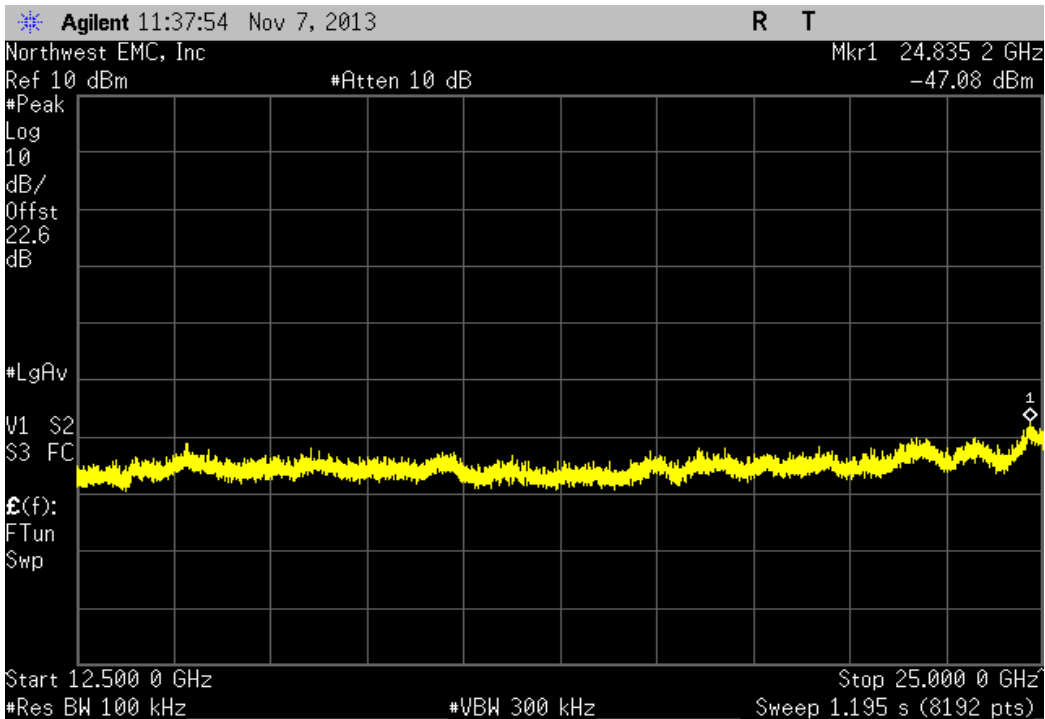
Hopping Mode, 3DH5, 8-DPSK, Mid Channel, 2440 MHz			
Frequency Range	Value	Limit	Result
12.5 GHz - 25 GHz	-49.89 dBc	≤ -20 dBc	Pass



Hopping Mode, 3DH5, 8-DPSK, High Channel, 2480 MHz			
Frequency Range	Value	Limit	Result
30 MHz - 12.5 GHz	-49.52 dBc	≤ -20 dBc	Pass



Hopping Mode, 3DH5, 8-DPSK, High Channel, 2480 MHz			
Frequency Range	Value	Limit	Result
12.5 GHz - 25 GHz	-50.48 dBc	≤ -20 dBc	Pass



Band Edge Compliance

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

TEST EQUIPMENT

Description	Manufacturer	Model	ID	Last Cal.	Interval
Attenuator, 'Precision N'	S.M. Electronics	SA18N-06/SM4032	REE	12/11/2012	12
MXG Vector Signal Generator	Agilent	N5182A	TIF	NCR	0
Power Meter	Gigatronics	8651A	SPM	1/9/2012	24
Power Sensor	Gigatronics	80701A	SPL	7/8/2011	36
EV06 Direct Connect Cable	ESM Cable Corp.	TT	ECA	NCR	0
Attenuator 20 dB, SMA M/F 26GHz	S.M. Electronics	SA26B-20	AUY	7/30/2013	12
40GHz DC Block	Miteq	DCB4000	AMD	5/16/2013	12
Spectrum Analyzer	Agilent	E4446A	AAQ	2/7/2012	24

TEST DESCRIPTION

The spurious RF conducted emissions at the edges of the authorized band were measured with the EUT set to low and high transmit frequencies. The measurement was made using a direct connection between the RF output of the EUT and the spectrum analyzer. The EUT was transmitting at the data rate(s) listed in the datasheet in a no hop mode. The channels closest to the band edges were selected.

The spectrum was scanned below the lower band edge and above the higher band edge.
(The radio was operated with the customer's test software for the modes tested)



Band Edge Compliance

XMit 2013.08.15
PsaTx 2013.07.11

EUT: The EGG		Work Order: INSD0003	
Serial Number: 99		Date: 11/11/13	
Customer: Intel Corporation		Temperature: 22.9°C	
Attendees: None		Humidity: 37%	
Project: None		Barometric Pres.: 1020.4	
Tested by: Brandon Hobbs	Power: 4 VDC	Job Site: EV06	

TEST SPECIFICATIONS		Test Method	
FCC 15.247:2013		ANSI C63.10:2009	

COMMENTS
The EUT is operating in single channel mode (not hopping). (The radio was operated with the customer's test software for the modes tested)

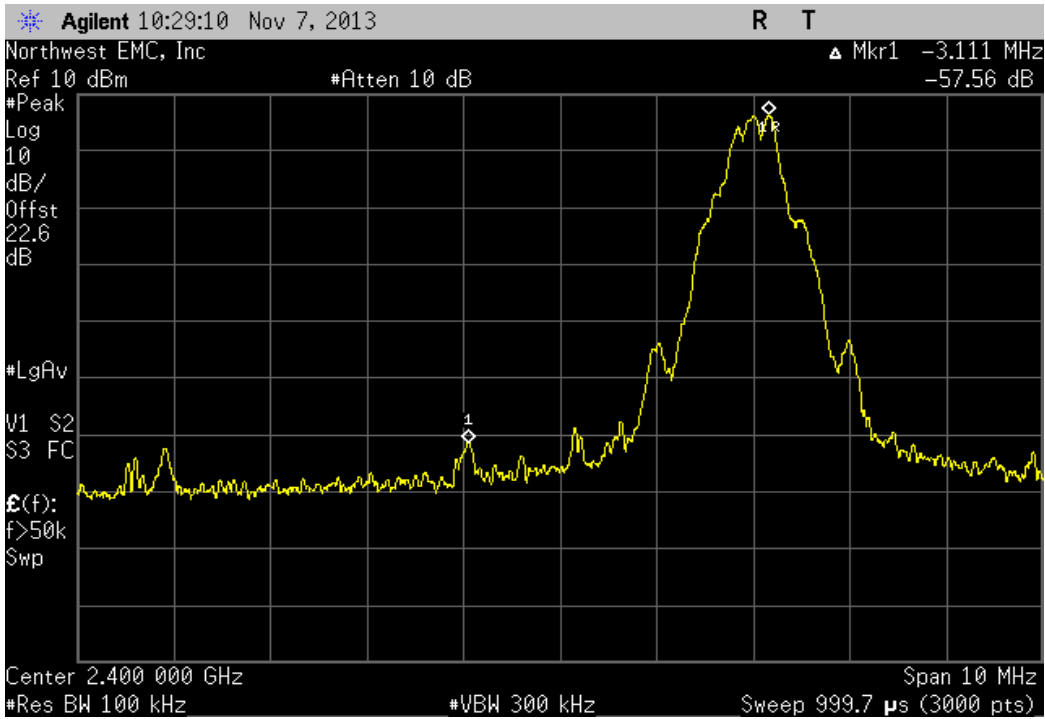
DEVIATIONS FROM TEST STANDARD

None

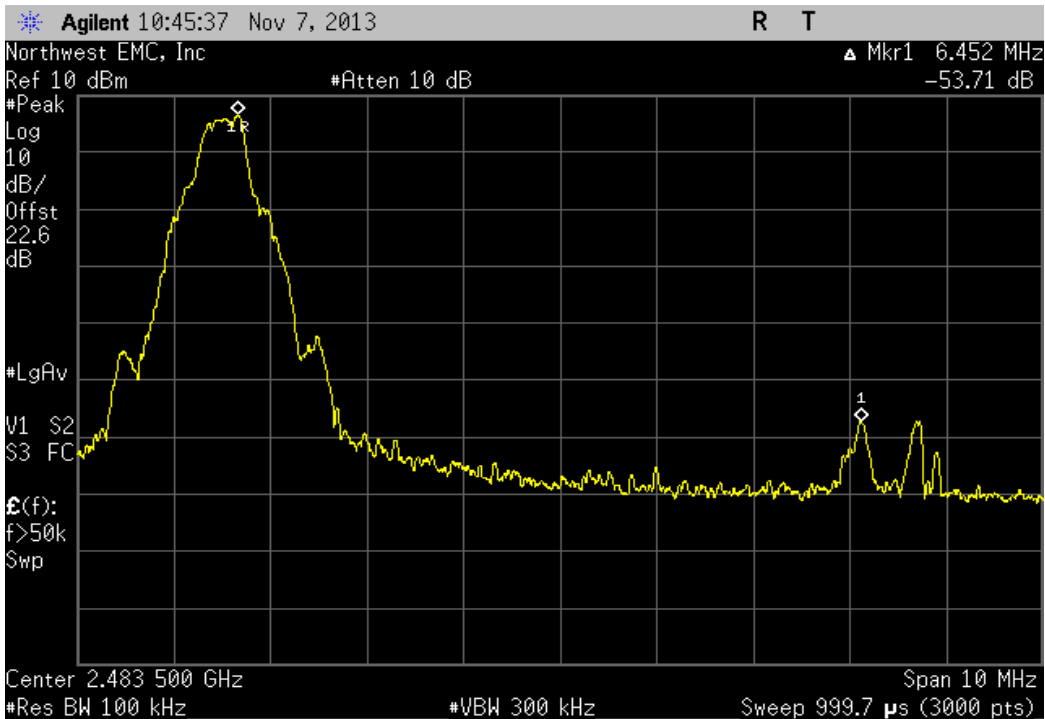
Configuration #	1	Signature 
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	Value	Limit	Result
Hopping Mode			
DH5, GFSK			
Low Channel, 2402 MHz	-57.56 dBc	≤ -20 dBc	Pass
High Channel, 2480 MHz	-53.71 dBc	≤ -20 dBc	Pass
2DH5, pi/4-DQPSK			
Low Channel, 2402 MHz	-44.63 dBc	≤ -20 dBc	Pass
High Channel, 2480 MHz	-52.17 dBc	≤ -20 dBc	Pass
3DH5, 8-DPSK			
Low Channel, 2402 MHz	-44.73 dBc	≤ -20 dBc	Pass
High Channel, 2480 MHz	-53.26 dBc	≤ -20 dBc	Pass

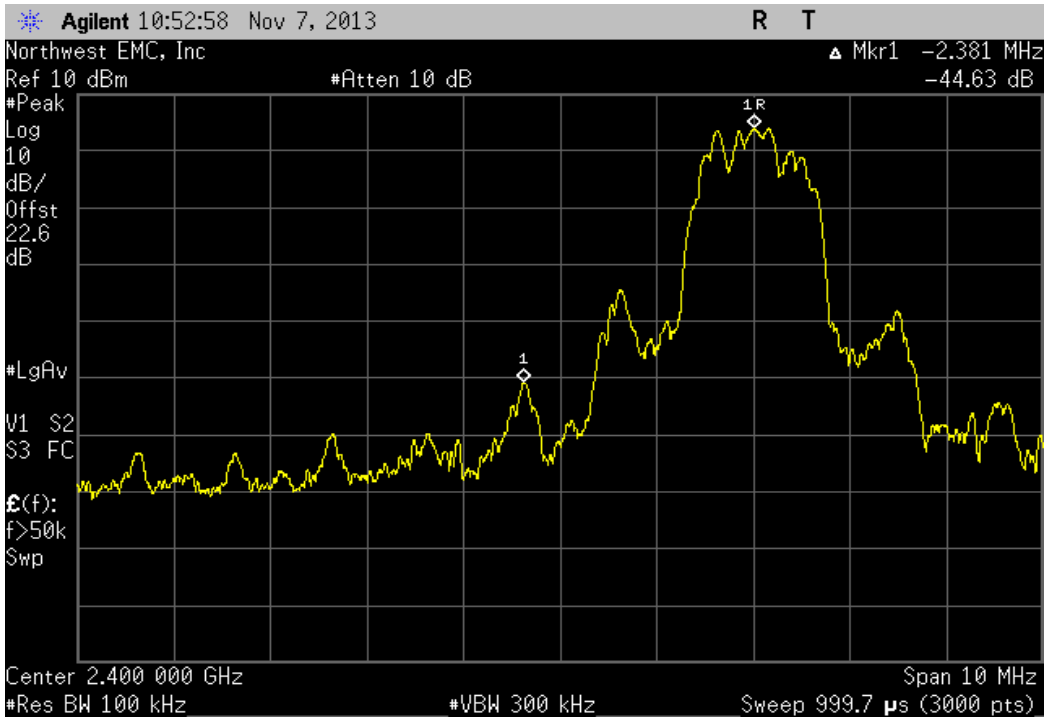
Hopping Mode, DH5, GFSK, Low Channel, 2402 MHz			
	Value	Limit	Result
	-57.56 dBc	≤ -20 dBc	Pass



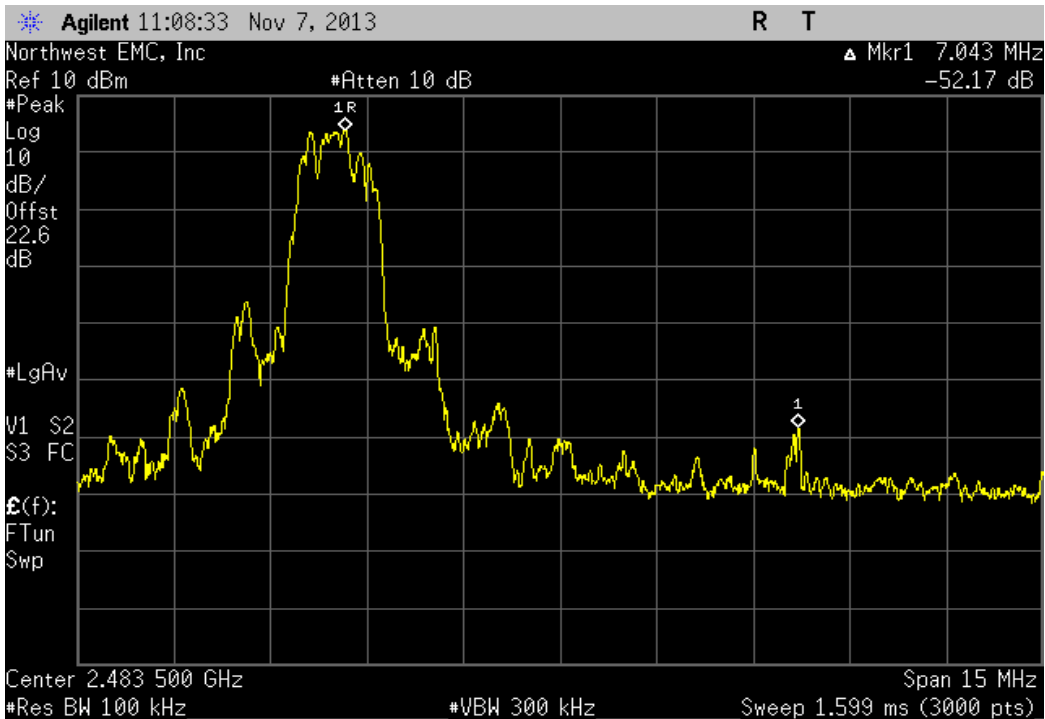
Hopping Mode, DH5, GFSK, High Channel, 2480 MHz			
	Value	Limit	Result
	-53.71 dBc	≤ -20 dBc	Pass



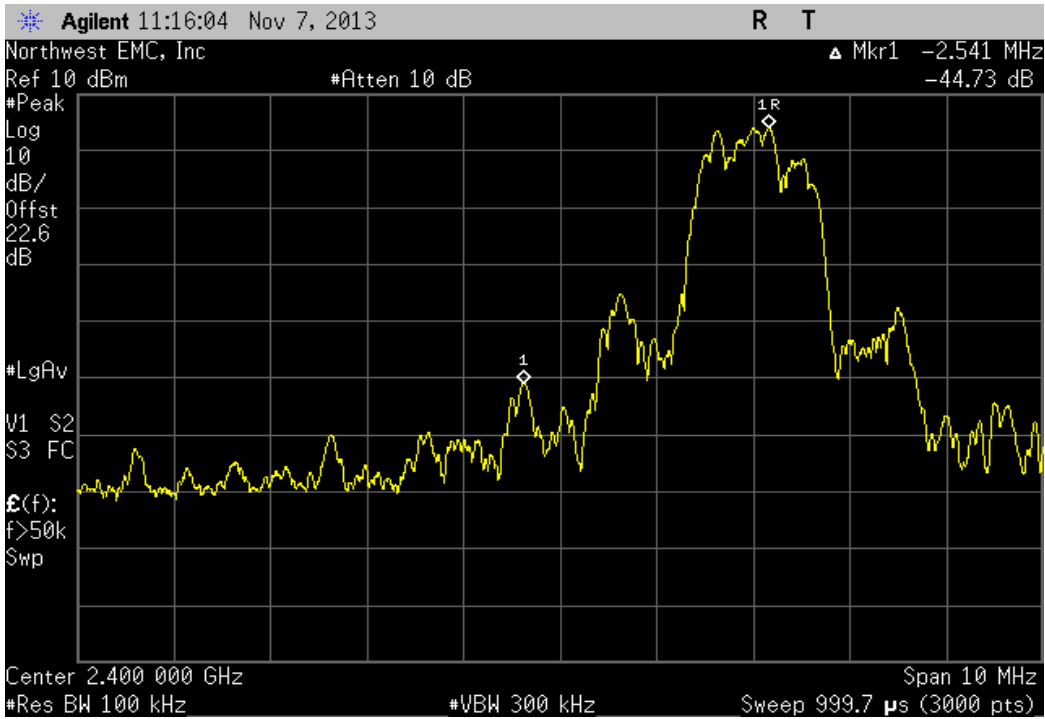
Hopping Mode, 2DH5, pi/4-DQPSK, Low Channel, 2402 MHz			
	Value	Limit	Result
	-44.63 dBc	≤ -20 dBc	Pass



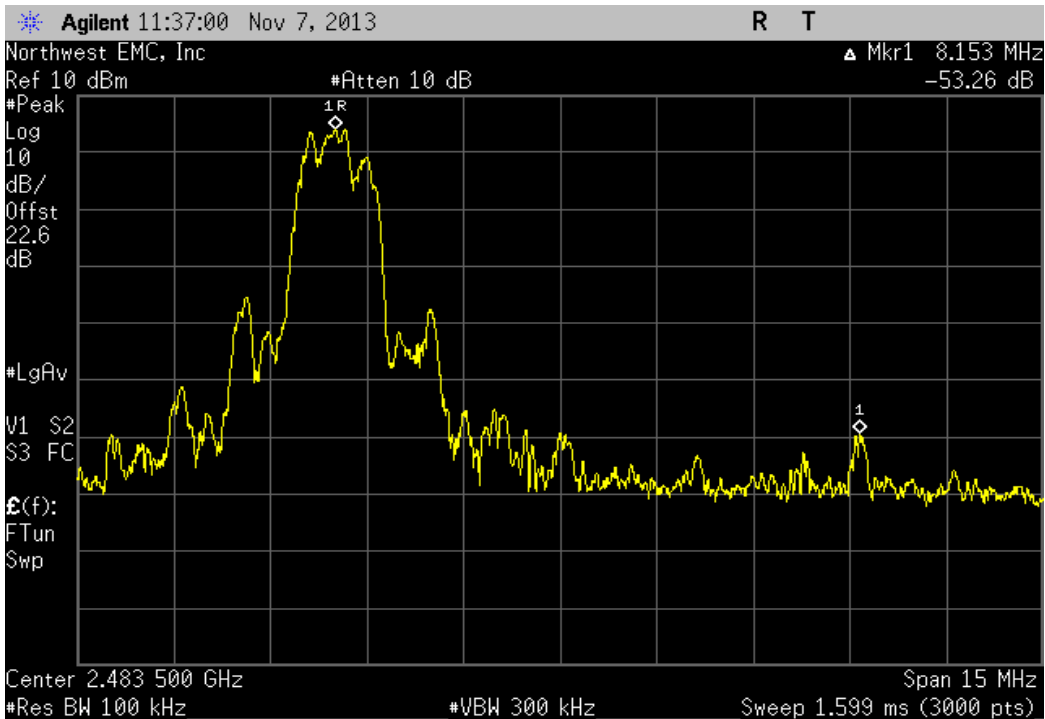
Hopping Mode, 2DH5, pi/4-DQPSK, High Channel, 2480 MHz			
	Value	Limit	Result
	-52.17 dBc	≤ -20 dBc	Pass



Hopping Mode, 3DH5, 8-DPSK, Low Channel, 2402 MHz			
	Value	Limit	Result
	-44.73 dBc	≤ -20 dBc	Pass



Hopping Mode, 3DH5, 8-DPSK, High Channel, 2480 MHz			
	Value	Limit	Result
	-53.26 dBc	≤ -20 dBc	Pass



Band Edge Compliance- Hopping Mode

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

TEST EQUIPMENT

Description	Manufacturer	Model	ID	Last Cal.	Interval
Attenuator, 'Precision N'	S.M. Electronics	SA18N-06/SM4032	REE	12/11/2012	12
MXG Vector Signal Generator	Agilent	N5182A	TIF	NCR	0
Power Meter	Gigatronics	8651A	SPM	1/9/2012	24
Power Sensor	Gigatronics	80701A	SPL	7/8/2011	36
EV06 Direct Connect Cable	ESM Cable Corp.	TT	ECA	NCR	0
Attenuator 20 dB, SMA M/F 26GHz	S.M. Electronics	SA26B-20	AUY	7/30/2013	12
40GHz DC Block	Miteq	DCB4000	AMD	5/16/2013	12
Spectrum Analyzer	Agilent	E4446A	AAQ	2/7/2012	24

TEST DESCRIPTION

The spurious RF conducted emissions at the edges of the authorized band were measured with the EUT set to its normal pseudo-random hopping sequence. The measurement was made using a direct connection between the RF output of the EUT and the spectrum analyzer. 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.
(The radio was operated with the customer's test software for the modes tested)



Band Edge Compliance- Hopping Mode

XMit 2013.08.15
PsaTx 2013.07.11

EUT: The EGG		Work Order: INSD0003	
Serial Number: 99		Date: 11/11/13	
Customer: Intel Corporation		Temperature: 22.9°C	
Attendees: None		Humidity: 37%	
Project: None		Barometric Pres.: 1020.4	
Tested by: Brandon Hobbs		Power: 4 VDC	Job Site: EV06

TEST SPECIFICATIONS		Test Method	
FCC 15.247:2013		ANSI C63.10:2009	

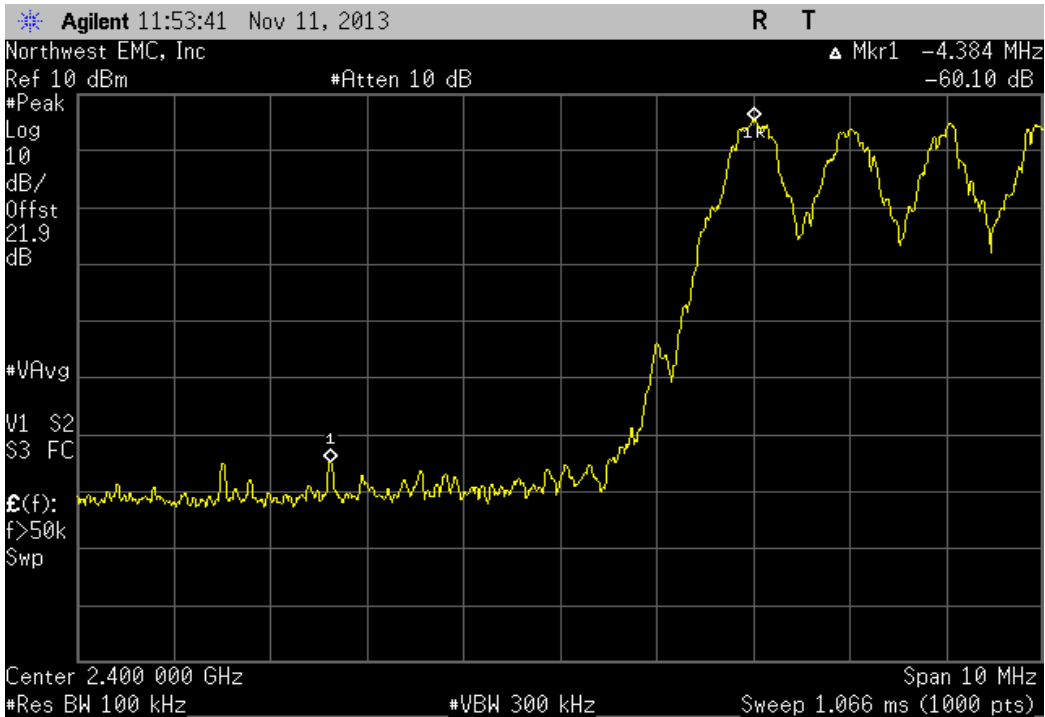
COMMENTS
The EUT is operating in hopping mode. (The radio was operated with the customer's test software for the modes tested)

DEVIATIONS FROM TEST STANDARD
None

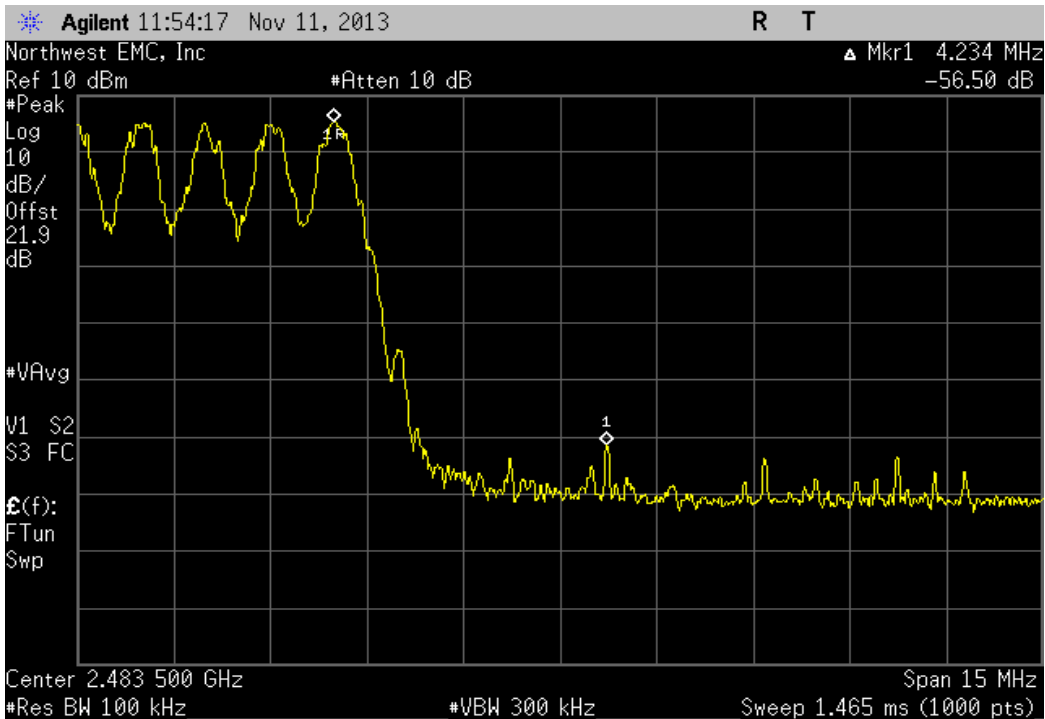
Configuration #	1	Signature 
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	Value	Limit	Result
Hopping Mode			
DH5, GFSK			
Low Channel, 2402 MHz	-60.1 dBc	≤ -20 dBc	Pass
High Channel, 2480 MHz	-56.5 dBc	≤ -20 dBc	Pass
2DH5, pi/4-DQPSK			
Low Channel, 2402 MHz	-48.84 dBc	≤ -20 dBc	Pass
High Channel, 2480 MHz	-54.67 dBc	≤ -20 dBc	Pass
3DH5, 8-DPSK			
Low Channel, 2402 MHz	-47.35 dBc	≤ -20 dBc	Pass
High Channel, 2480 MHz	-56.83 dBc	≤ -20 dBc	Pass

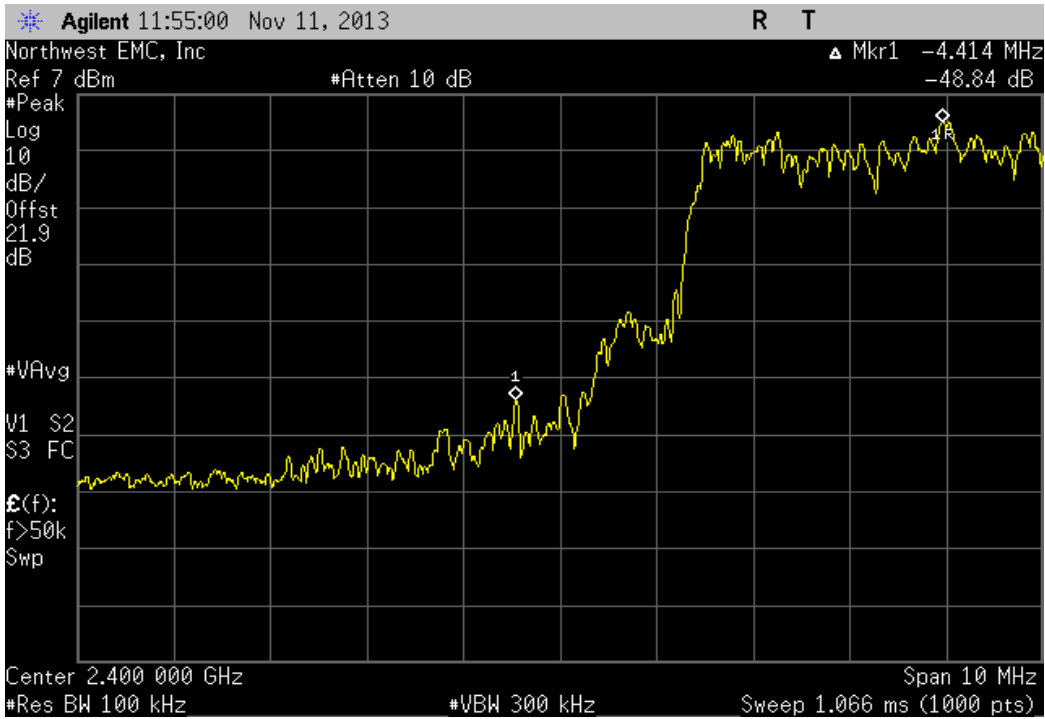
Hopping Mode, DH5, GFSK, Low Channel, 2402 MHz			
	Value	Limit	Result
	-60.1 dBc	≤ -20 dBc	Pass



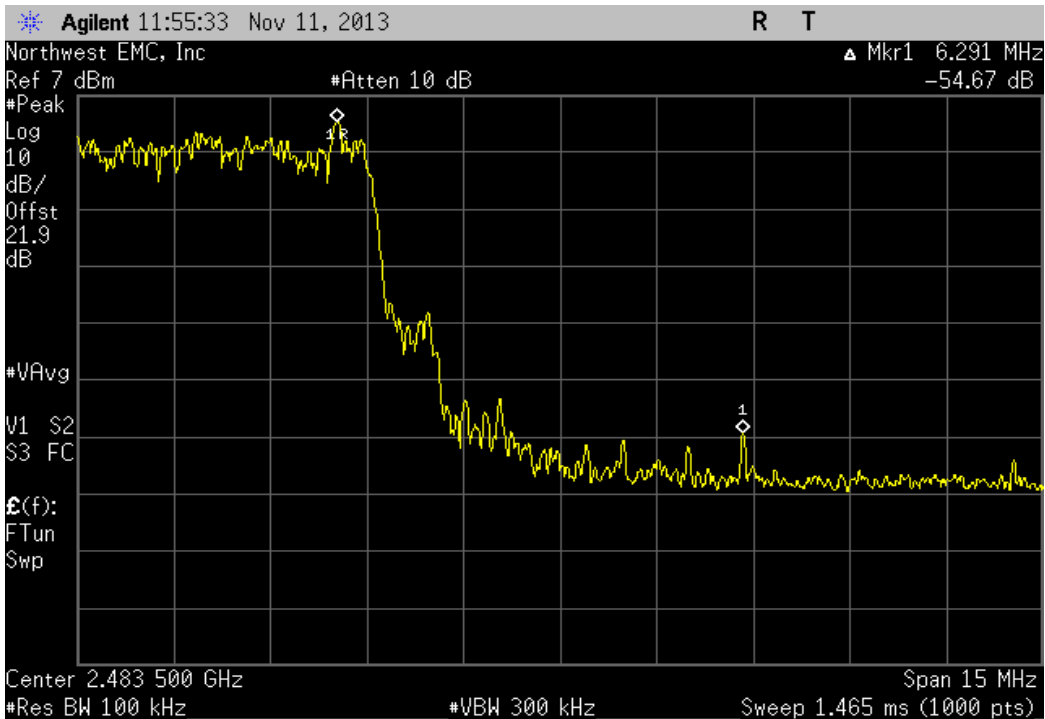
Hopping Mode, DH5, GFSK, High Channel, 2480 MHz			
	Value	Limit	Result
	-56.5 dBc	≤ -20 dBc	Pass



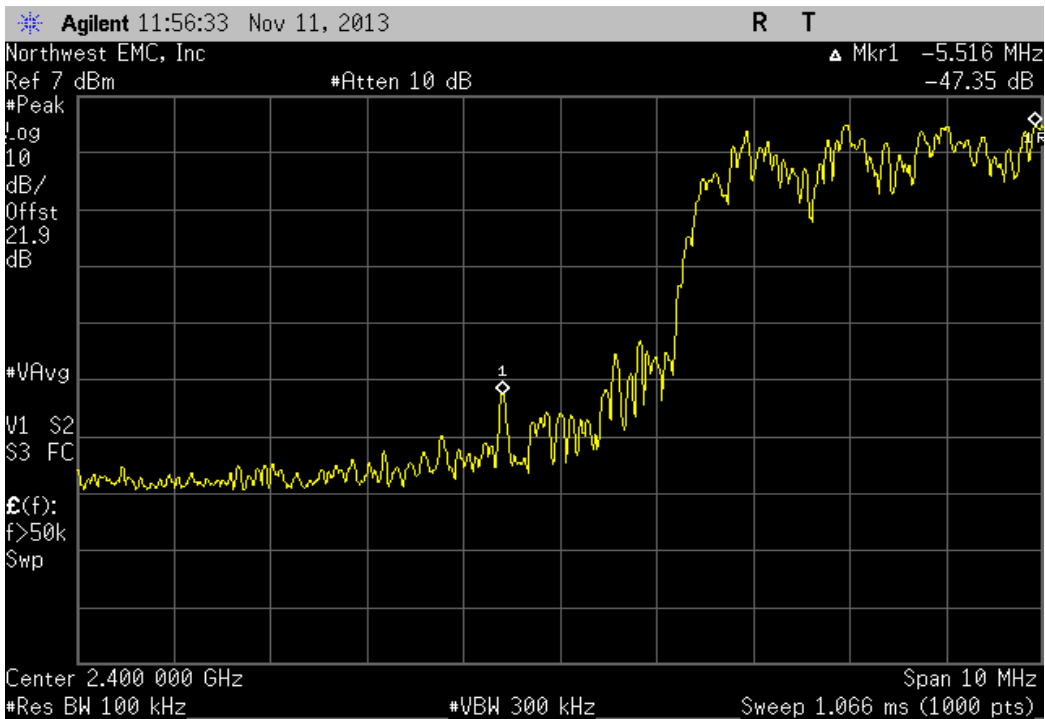
Hopping Mode, 2DH5, pi/4-DQPSK, Low Channel, 2402 MHz			
	Value	Limit	Result
	-48.84 dBc	≤ -20 dBc	Pass



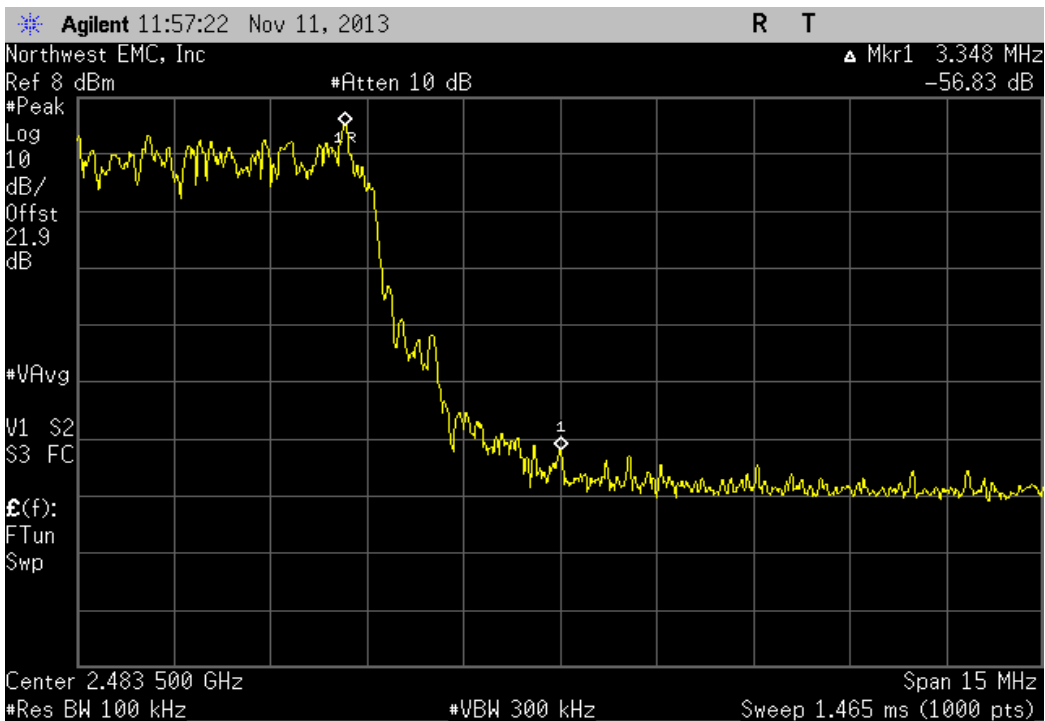
Hopping Mode, 2DH5, pi/4-DQPSK, High Channel, 2480 MHz			
	Value	Limit	Result
	-54.67 dBc	≤ -20 dBc	Pass



Hopping Mode, 3DH5, 8-DPSK, Low Channel, 2402 MHz			
	Value	Limit	Result
	-47.35 dBc	≤ -20 dBc	Pass



Hopping Mode, 3DH5, 8-DPSK, High Channel, 2480 MHz			
	Value	Limit	Result
	-56.83 dBc	≤ -20 dBc	Pass



Channel Separation

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

TEST EQUIPMENT

Description	Manufacturer	Model	ID	Last Cal.	Interval
Attenuator, 'Precision N'	S.M. Electronics	SA18N-06/SM4032	REE	12/11/2012	12
MXG Vector Signal Generator	Agilent	N5182A	TIF	NCR	0
Power Meter	Gigatronics	8651A	SPM	1/9/2012	24
Power Sensor	Gigatronics	80701A	SPL	7/8/2011	36
EV06 Direct Connect Cable	ESM Cable Corp.	TT	ECA	NCR	0
Attenuator 20 dB, SMA M/F 26GHz	S.M. Electronics	SA26B-20	AUY	7/30/2013	12
40GHz DC Block	Miteq	DCB4000	AMD	5/16/2013	12
Spectrum Analyzer	Agilent	E4446A	AAQ	2/7/2012	24

TEST DESCRIPTION

The channel carrier frequencies in the 2400-2483.5MHz band must be separated by 25 kHz or the 20dB bandwidth of the hopping channel, whichever is greater. Or, if the output power is less than 125 mW, the channel separation can be 25 kHz or 2/3 of the 20dB bandwidth. The EUT was operated in pseudorandom hopping mode. The spectrum was scanned across two adjacent peaks. The separation between the peaks of these channels was measured. (The radio was operated with the customer's test software for the modes tested)



Channel Separation

XMit 2013.08.15
PsaTx 2013.07.11

EUT: The EGG		Work Order: INSD0003	
Serial Number: 99		Date: 11/11/13	
Customer: Intel Corporation		Temperature: 22.9°C	
Attendees: None		Humidity: 37%	
Project: None		Barometric Pres.: 1020.4	
Tested by: Brandon Hobbs		Power: 4 VDC	Job Site: EV06

TEST SPECIFICATIONS		Test Method	
FCC 15.247:2013		ANSI C63.10:2009	

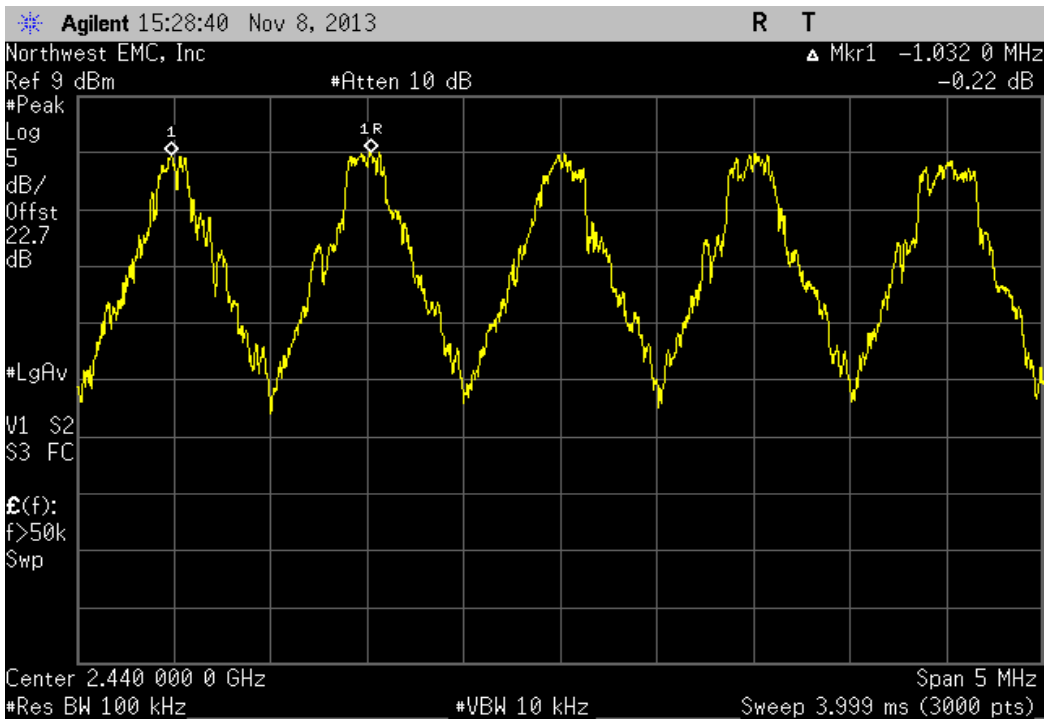
COMMENTS
The EUT is operating in hopping mode. (The radio was operated with the customer's test software for the modes tested)

DEVIATIONS FROM TEST STANDARD
None

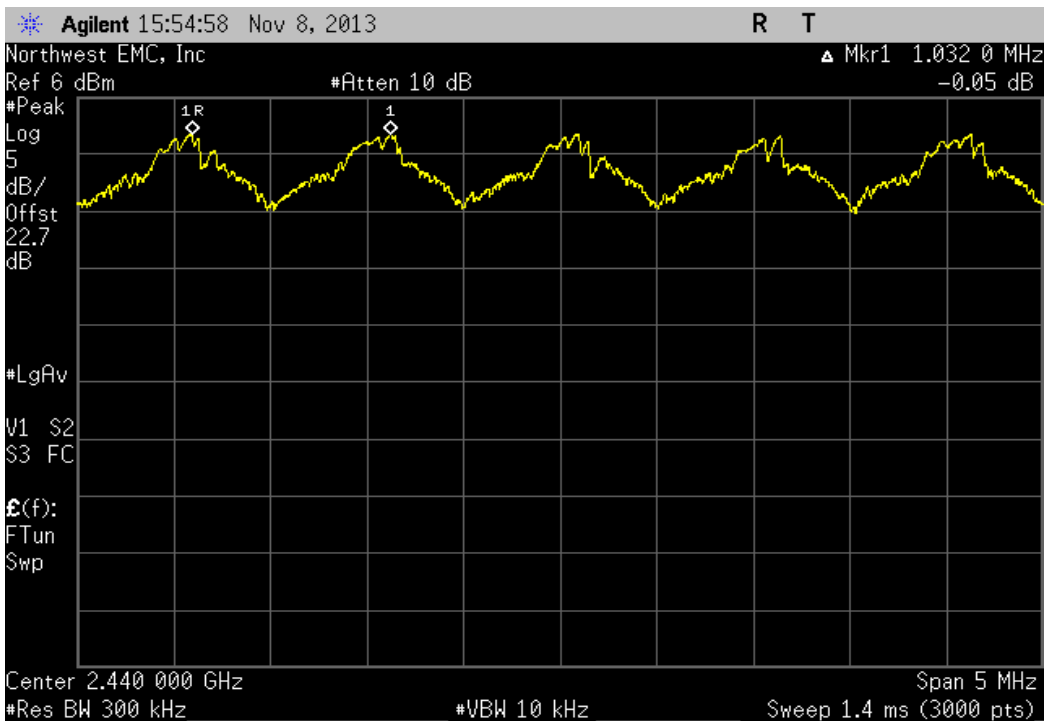
Configuration #	1	Signature 
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	Value	Limit	Result
Hopping Mode			
DH5, GFSK			
Mid Channel, 2440 MHz	1.0 MHz	≥ 1 MHz	Pass
2DH5, pi/4-DQPSK			
Mid Channel, 2440 MHz	1.0 MHz	≥ 1 MHz	Pass
3DH5, 8-DPSK			
Mid Channel, 2440 MHz	1.0 MHz	≥ 1 MHz	Pass

Hopping Mode, DH5, GFSK, Mid Channel, 2440 MHz			
	Value	Limit	Result
	1.0 MHz	≥ 1 MHz	Pass

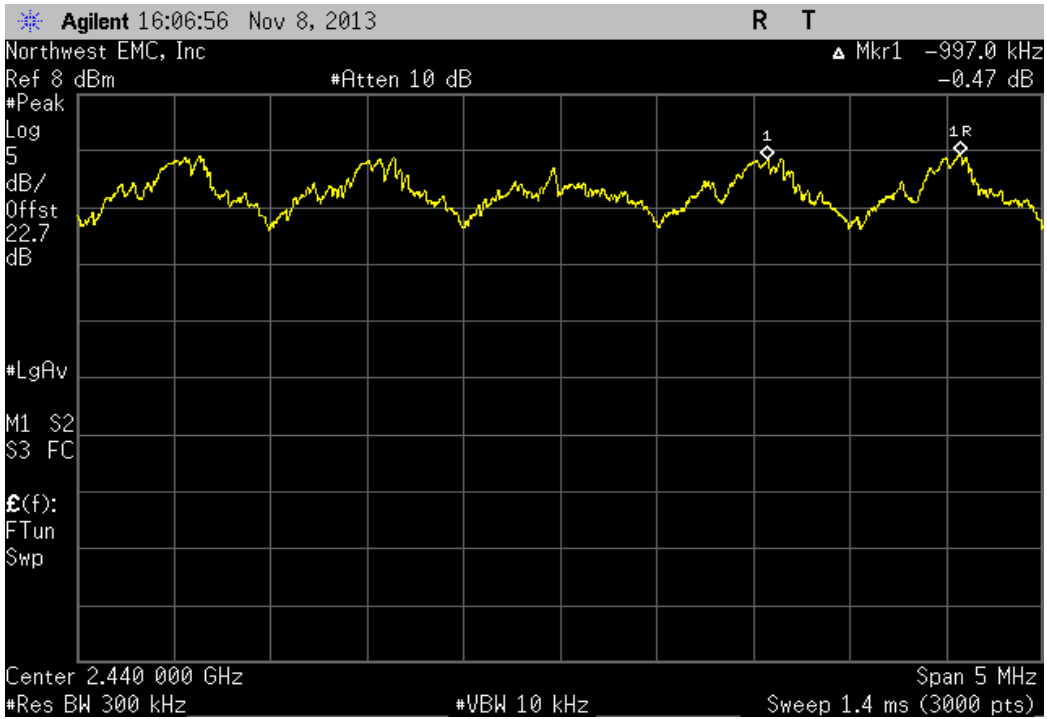


Hopping Mode, 2DH5, pi/4-DQPSK, Mid Channel, 2440 MHz			
	Value	Limit	Result
	1.0 MHz	≥ 1 MHz	Pass



Hopping Mode, 3DH5, 8-DPSK, Mid Channel, 2440 MHz

Value	Limit	Result
1.0 MHz	≥ 1 MHz	Pass



Number of Hopping Channels

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

TEST EQUIPMENT

Description	Manufacturer	Model	ID	Last Cal.	Interval
Attenuator, 'Precision N'	S.M. Electronics	SA18N-06/SM4032	REE	12/11/2012	12
MXG Vector Signal Generator	Agilent	N5182A	TIF	NCR	0
Power Meter	Gigatronics	8651A	SPM	1/9/2012	24
Power Sensor	Gigatronics	80701A	SPL	7/8/2011	36
EV06 Direct Connect Cable	ESM Cable Corp.	TT	ECA	NCR	0
Attenuator 20 dB, SMA M/F 26GHz	S.M. Electronics	SA26B-20	AUY	7/30/2013	12
40GHz DC Block	Miteq	DCB4000	AMD	5/16/2013	12
Spectrum Analyzer	Agilent	E4446A	AAQ	2/7/2012	24


TEST DESCRIPTION

The number of hopping frequencies was measured across the authorized band. The measurements were made using a direct connection between the RF output of the EUT and the spectrum analyzer. The hopping function of the EUT was enabled. (The radio was operated with the customer's test software for the modes tested)

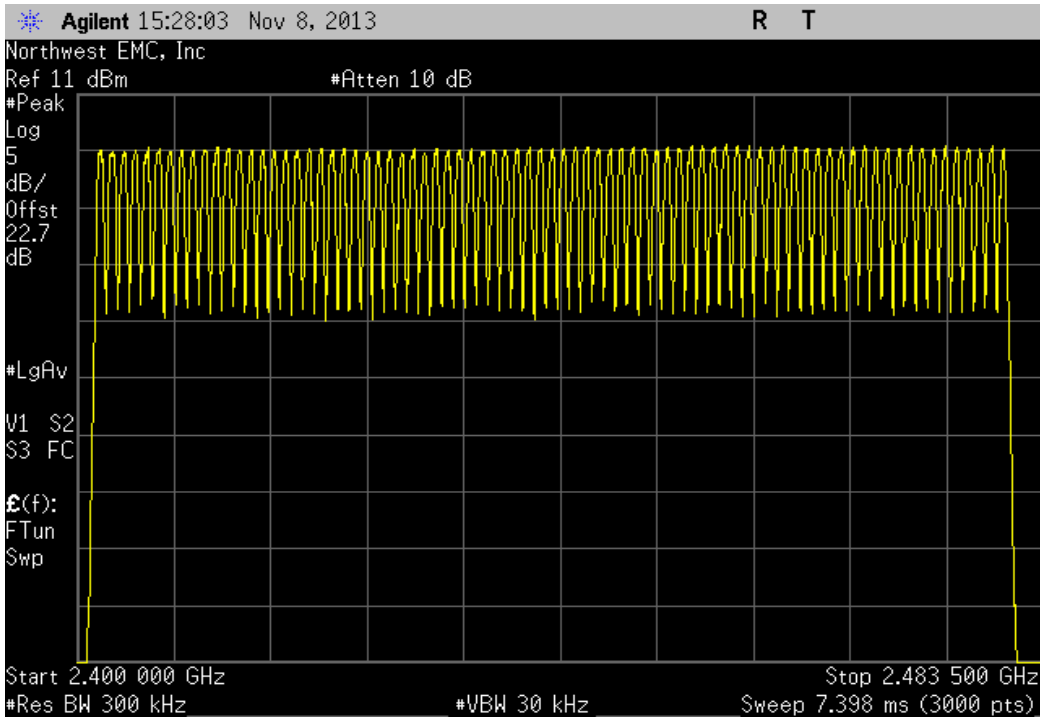


Number of Hopping Channels

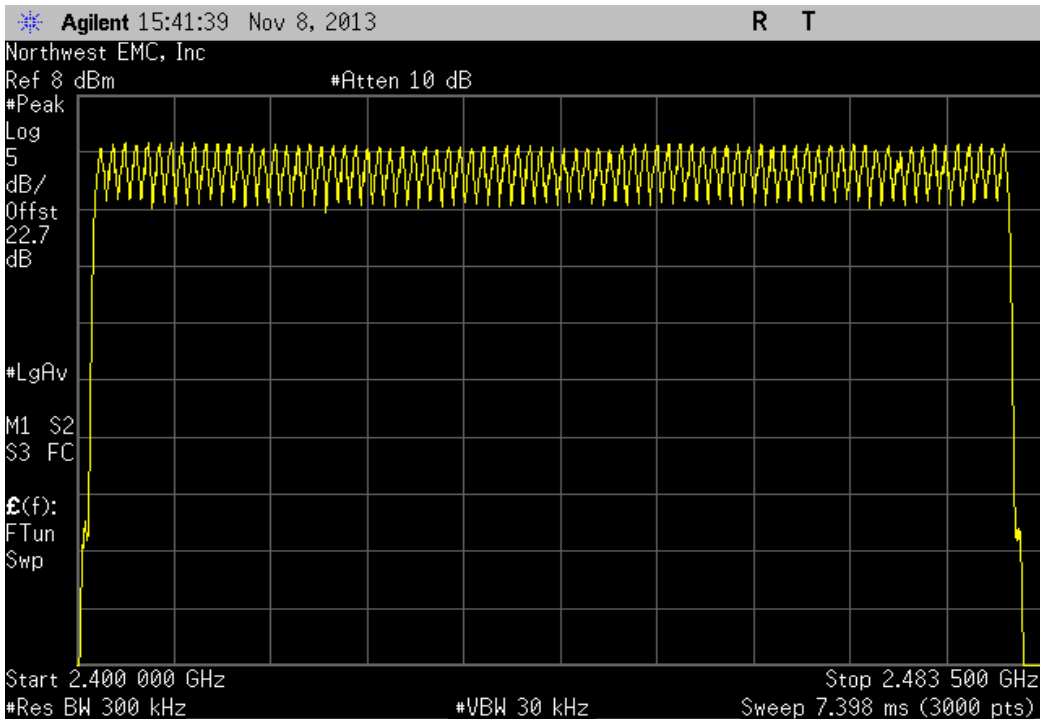
XMit 2013.08.15
PsaTx 2013.07.11

EUT: The EGG		Work Order: INSD0003	
Serial Number: 99		Date: 11/11/13	
Customer: Intel Corporation		Temperature: 22.9°C	
Attendees: None		Humidity: 37%	
Project: None		Barometric Pres.: 1020.4	
Tested by: Brandon Hobbs		Power: 4 VDC	
		Job Site: EV06	
TEST SPECIFICATIONS		Test Method	
FCC 15.247:2013		ANSI C63.10:2009	
COMMENTS			
The EUT is operating in hopping mode. (The radio was operated with the customer's test software for the modes tested)			
DEVIATIONS FROM TEST STANDARD			
None			
Configuration #	1	Signature 	
		Number of Channels	Limit
Hopping Mode			
	DH5, GFSK		
	Mid Channel, 2440 MHz	79	≥ 15
	2DH5, pi/4-DQPSK		
	Mid Channel, 2440 MHz	79	≥ 15
	3DH5, 8-DPSK		
	Mid Channel, 2440 MHz	79	≥ 15
			Pass

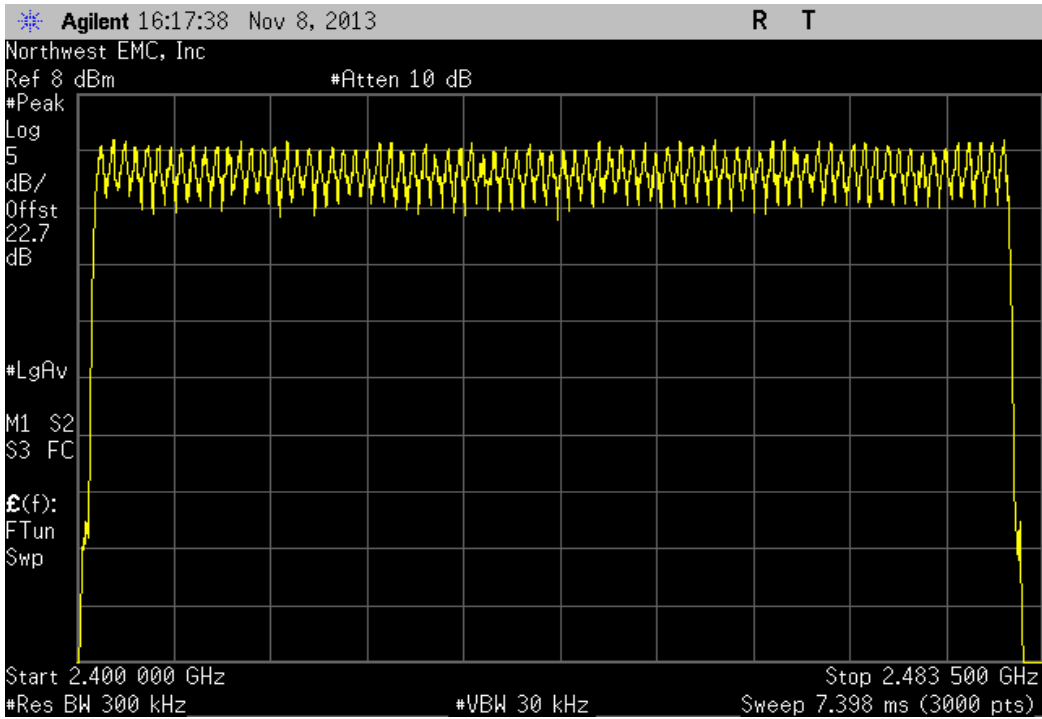
Hopping Mode, DH5, GFSK, Mid Channel, 2440 MHz			
	Number of Channels	Limit	Result
	79	≥ 15	Pass



Hopping Mode, 2DH5, pi/4-DQPSK, Mid Channel, 2440 MHz			
	Number of Channels	Limit	Result
	79	≥ 15	Pass



Hopping Mode, 3DH5, 8-DPSK, Mid Channel, 2440 MHz			
	Number of Channels	Limit	Result
	79	≥ 15	Pass



Dwell Time

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

TEST EQUIPMENT

Description	Manufacturer	Model	ID	Last Cal.	Interval
Attenuator, 'Precision N'	S.M. Electronics	SA18N-06/SM4032	REE	12/11/2012	12
MXG Vector Signal Generator	Agilent	N5182A	TIF	NCR	0
Power Meter	Gigatronics	8651A	SPM	1/9/2012	24
Power Sensor	Gigatronics	80701A	SPL	7/8/2011	36
EV06 Direct Connect Cable	ESM Cable Corp.	TT	ECA	NCR	0
Attenuator 20 dB, SMA M/F 26GHz	S.M. Electronics	SA26B-20	AUY	7/30/2013	12
40GHz DC Block	Miteq	DCB4000	AMD	5/16/2013	12
Spectrum Analyzer	Agilent	E4446A	AAQ	2/7/2012	24

TEST DESCRIPTION

The average dwell time per hopping channel was measured at one hopping channel in the middle of the authorized band. The measurements were made using a direct connection between the RF output of the EUT and the spectrum analyzer. The hopping function of the EUT was enabled.

The dwell time limit is based on the Number of Hopping Channels * 400 mS. For Bluetooth this would be 79 Channels * 400mS = 31.6 Sec.

On Time During 31.6 Sec = Pulse Width * Average Number of Pulses * Scale Factor

➤ Average Number of Pulses is based on 4 samples.

➤ Scale Factor = 31.6 Sec / Screen Capture Sweep Time = 31.6 Sec / 6.32 Sec = 5

(The radio was operated with the customer's test software for the modes tested)



Dwell Time

XMit 2013.08.15
PsaTx 2013.07.11

EUT: The EGG		Work Order: INSD0003	
Serial Number: 99		Date: 11/11/13	
Customer: Intel Corporation		Temperature: 22.9°C	
Attendees: None		Humidity: 37%	
Project: None		Barometric Pres.: 1020.4	
Tested by: Brandon Hobbs	Power: 4 VDC	Job Site: EV06	

TEST SPECIFICATIONS		Test Method	
FCC 15.247:2013		ANSI C63.10:2009	

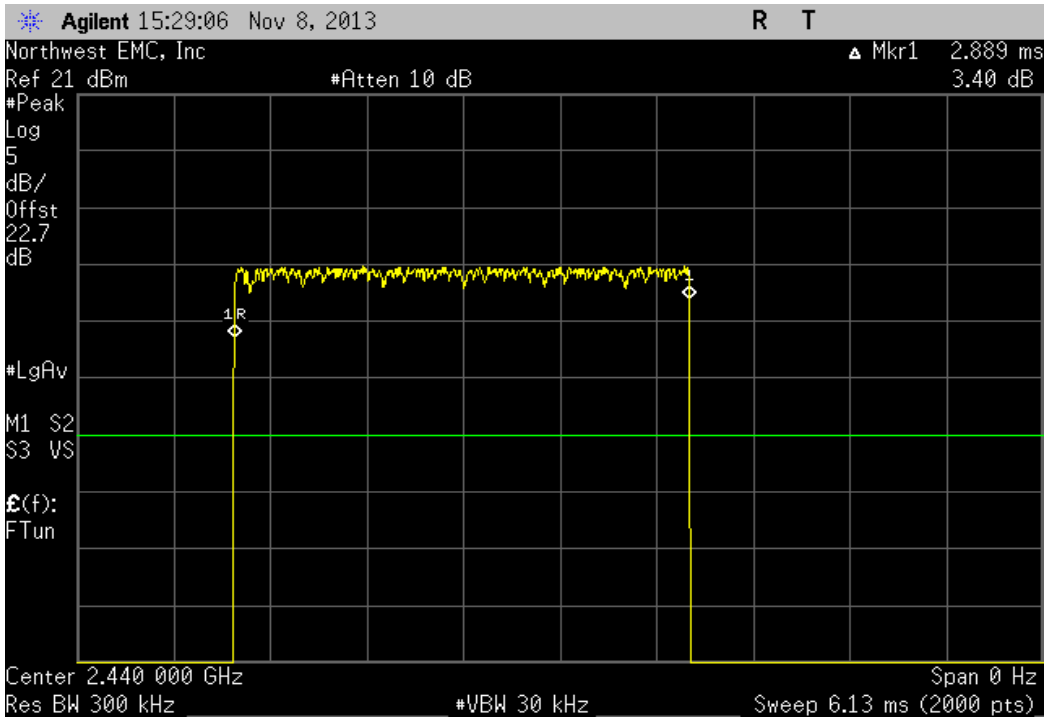
COMMENTS
The EUT is operating in hopping mode. (The radio was operated with the customer's test software for the modes tested)

DEVIATIONS FROM TEST STANDARD
None

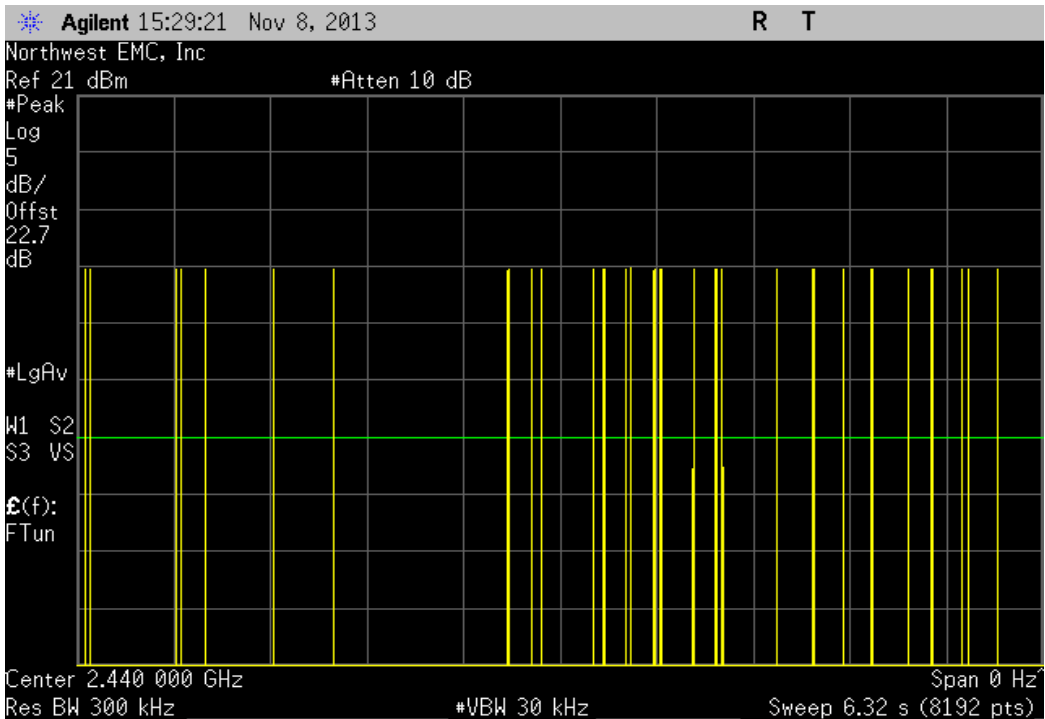
Configuration #	1	Signature 
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		Pulse Width (mS)	Number of Pulses	Average No. of Pulses	Scale Factor	On Time (mS) During 31.6 S	Limit (mS)	Result
Hopping Mode								
DH5, GFSK								
	Mid Channel, 2440 MHz	2.889	N/A	N/A	N/A	N/A	N/A	N/A
	Mid Channel, 2440 MHz	N/A	29	N/A	N/A	N/A	N/A	N/A
	Mid Channel, 2440 MHz	N/A	16	N/A	N/A	N/A	N/A	N/A
	Mid Channel, 2440 MHz	N/A	20	N/A	N/A	N/A	N/A	N/A
	Mid Channel, 2440 MHz	N/A	29	N/A	N/A	N/A	N/A	N/A
	Mid Channel, 2440 MHz	2.889	N/A	23.5	5	339.46	400	Pass
2DH5, pi/4-DQPSK								
	Mid Channel, 2440 MHz	1.552	N/A	N/A	N/A	N/A	N/A	N/A
	Mid Channel, 2440 MHz	N/A	25	N/A	N/A	N/A	N/A	N/A
	Mid Channel, 2440 MHz	N/A	34	N/A	N/A	N/A	N/A	N/A
	Mid Channel, 2440 MHz	N/A	19	N/A	N/A	N/A	N/A	N/A
	Mid Channel, 2440 MHz	N/A	16	N/A	N/A	N/A	N/A	N/A
	Mid Channel, 2440 MHz	1.552	N/A	23.5	5	182.36	400	Pass
3DH5, 8-DPSK								
	Mid Channel, 2440 MHz	1.085	N/A	N/A	N/A	N/A	N/A	N/A
	Mid Channel, 2440 MHz	N/A	24	N/A	N/A	N/A	N/A	N/A
	Mid Channel, 2440 MHz	N/A	25	N/A	N/A	N/A	N/A	N/A
	Mid Channel, 2440 MHz	N/A	22	N/A	N/A	N/A	N/A	N/A
	Mid Channel, 2440 MHz	N/A	18	N/A	N/A	N/A	N/A	N/A
	Mid Channel, 2440 MHz	1.085	N/A	22.25	5	120.71	400	Pass

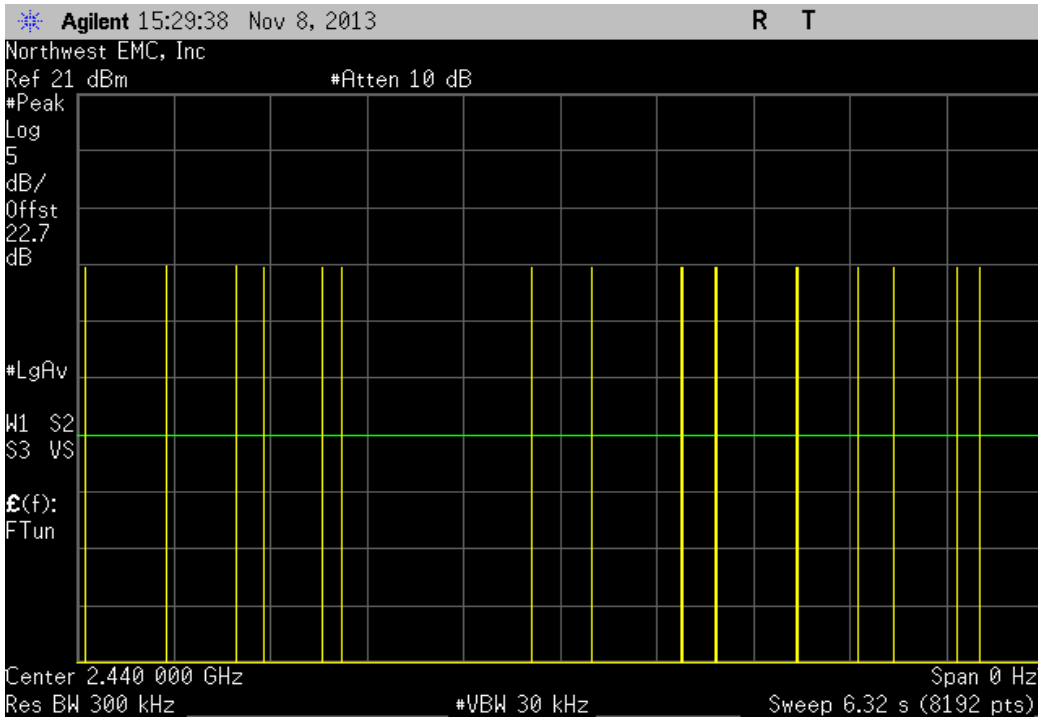
Hopping Mode, DH5, GFSK, Mid Channel, 2440 MHz						
Pulse Width (mS)	Number of Pulses	Average No. of Pulses	Scale Factor	On Time (mS) During 31.6 S	Limit (mS)	Result
2.889	N/A	N/A	N/A	N/A	N/A	N/A



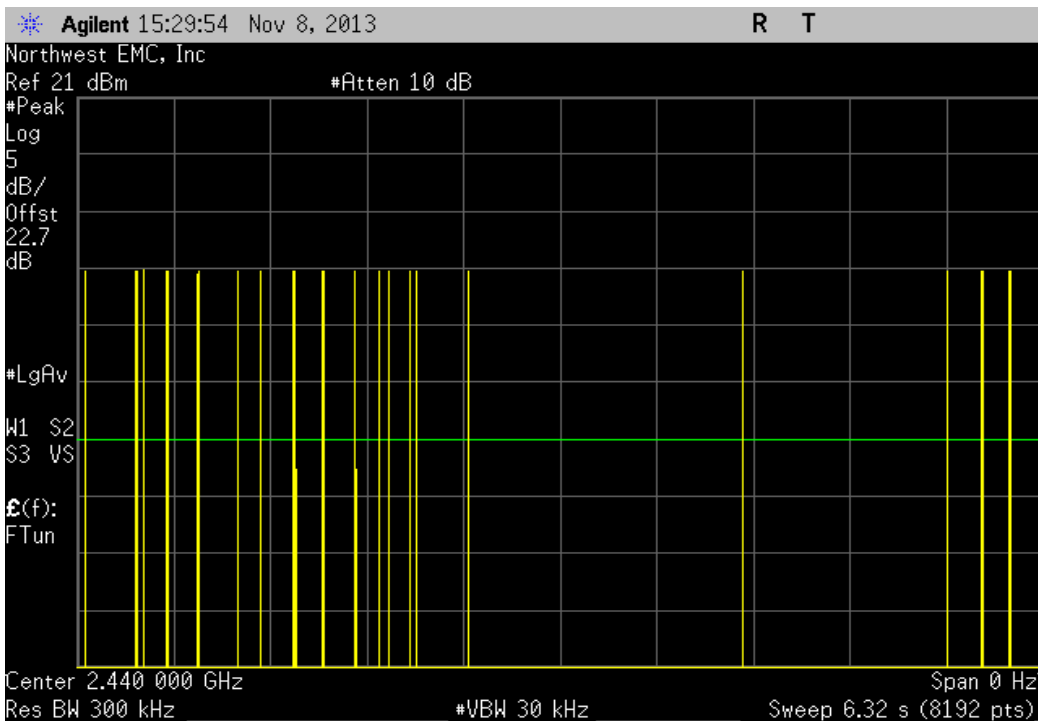
Hopping Mode, DH5, GFSK, Mid Channel, 2440 MHz						
Pulse Width (mS)	Number of Pulses	Average No. of Pulses	Scale Factor	On Time (mS) During 31.6 S	Limit (mS)	Result
N/A	29	N/A	N/A	N/A	N/A	N/A



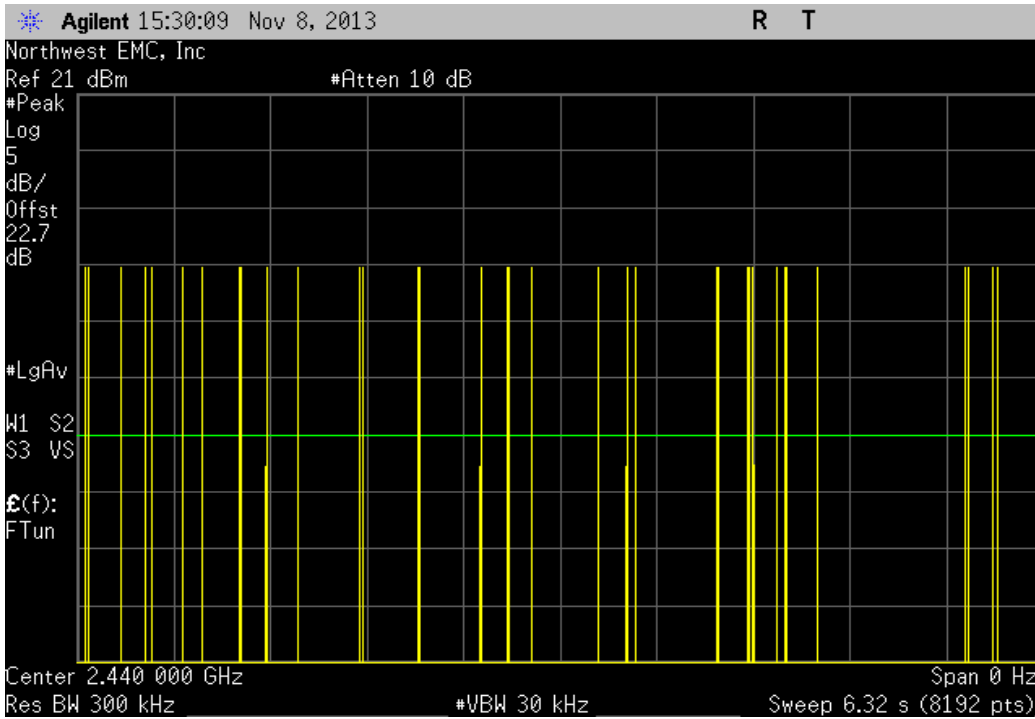
Hopping Mode, DH5, GFSK, Mid Channel, 2440 MHz						
Pulse Width (mS)	Number of Pulses	Average No. of Pulses	Scale Factor	On Time (mS) During 31.6 S	Limit (mS)	Result
N/A	16	N/A	N/A	N/A	N/A	N/A



Hopping Mode, DH5, GFSK, Mid Channel, 2440 MHz						
Pulse Width (mS)	Number of Pulses	Average No. of Pulses	Scale Factor	On Time (mS) During 31.6 S	Limit (mS)	Result
N/A	20	N/A	N/A	N/A	N/A	N/A



Hopping Mode, DH5, GFSK, Mid Channel, 2440 MHz						
Pulse Width (mS)	Number of Pulses	Average No. of Pulses	Scale Factor	On Time (mS) During 31.6 S	Limit (mS)	Result
N/A	29	N/A	N/A	N/A	N/A	N/A

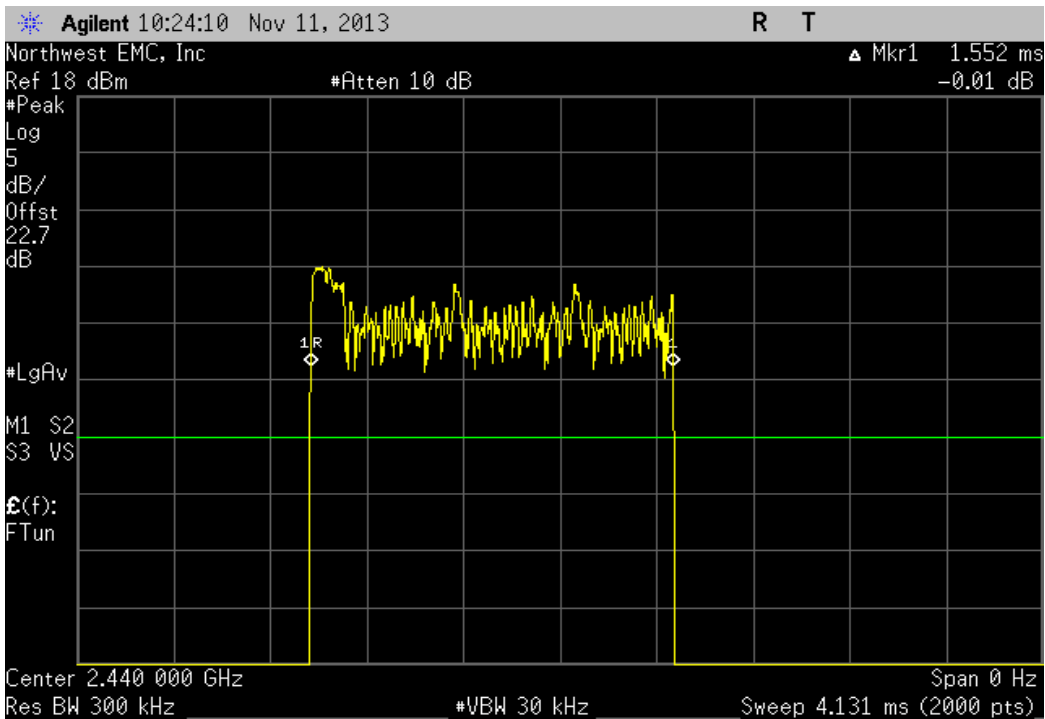


Hopping Mode, DH5, GFSK, Mid Channel, 2440 MHz						
Pulse Width (mS)	Number of Pulses	Average No. of Pulses	Scale Factor	On Time (mS) During 31.6 S	Limit (mS)	Result
2.889	N/A	23.5	5	339.46	400	Pass

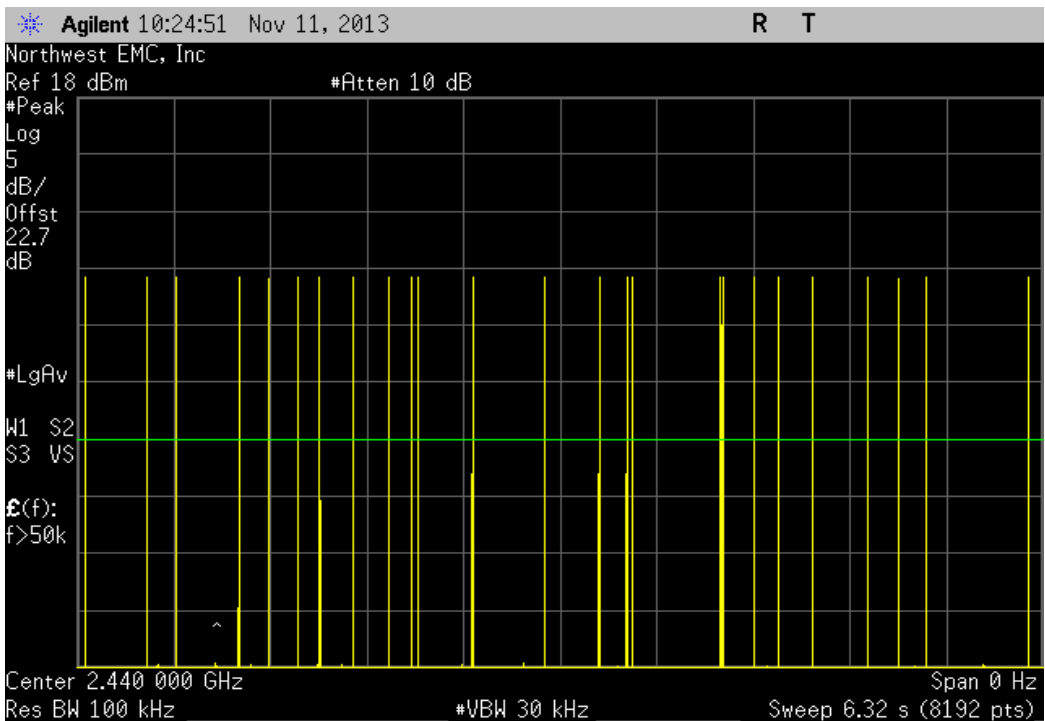
Calculation Only

No Screen Capture Required

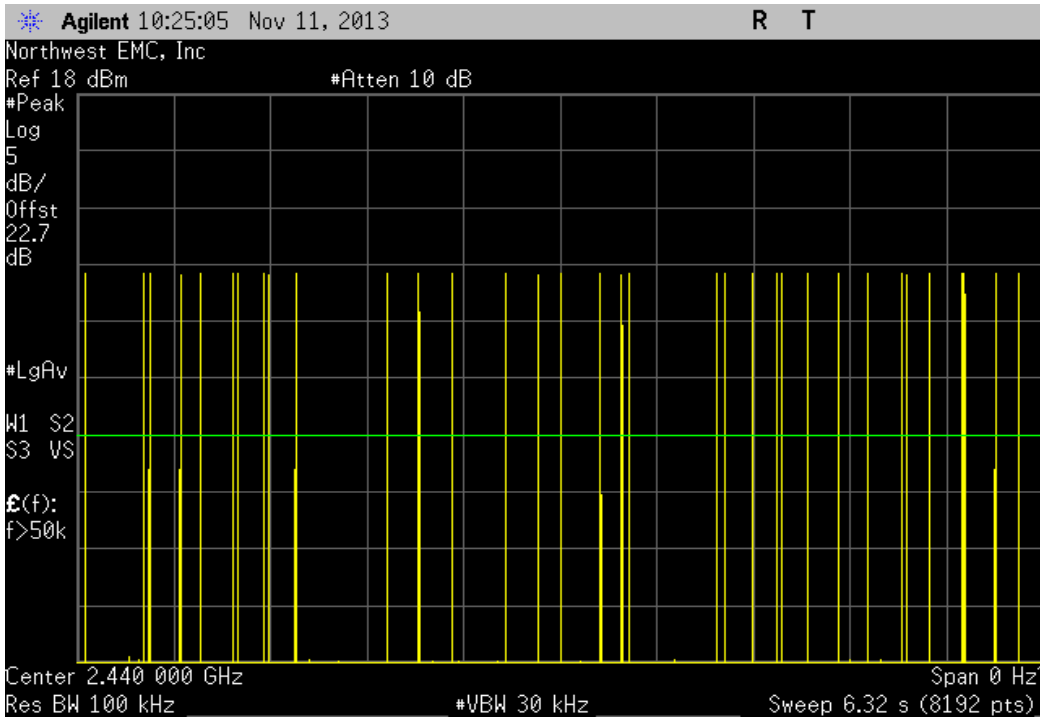
Hopping Mode, 2DH5, pi/4-DQPSK, Mid Channel, 2440 MHz						
Pulse Width (mS)	Number of Pulses	Average No. of Pulses	Scale Factor	On Time (mS) During 31.6 S	Limit (mS)	Result
1.552	N/A	N/A	N/A	N/A	N/A	N/A



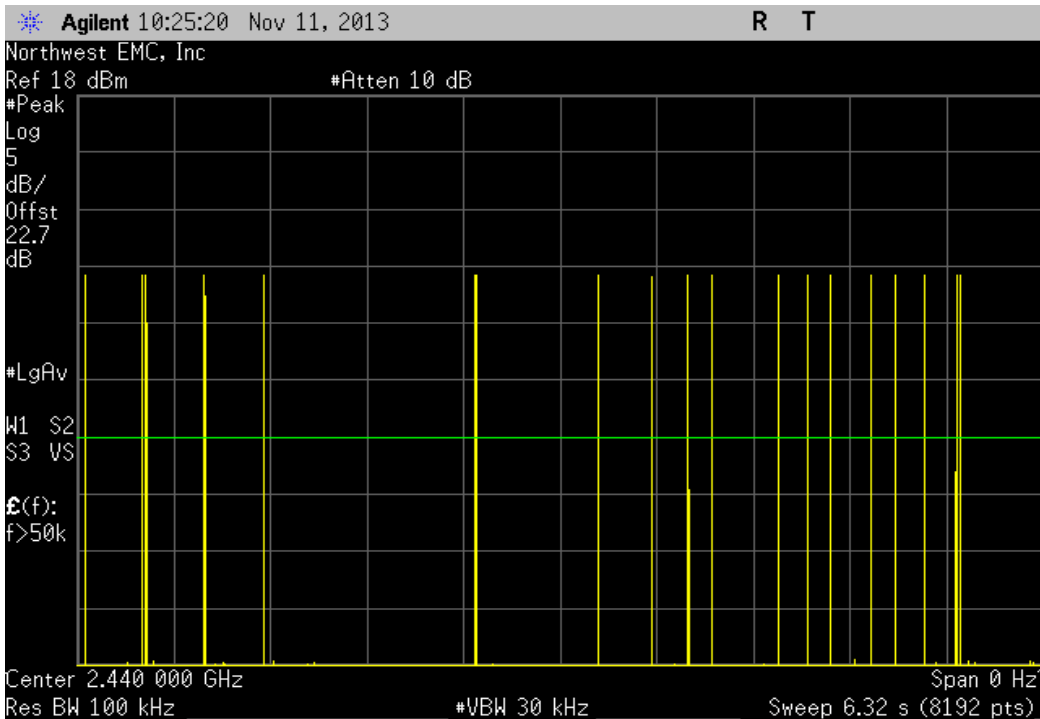
Hopping Mode, 2DH5, pi/4-DQPSK, Mid Channel, 2440 MHz						
Pulse Width (mS)	Number of Pulses	Average No. of Pulses	Scale Factor	On Time (mS) During 31.6 S	Limit (mS)	Result
N/A	25	N/A	N/A	N/A	N/A	N/A



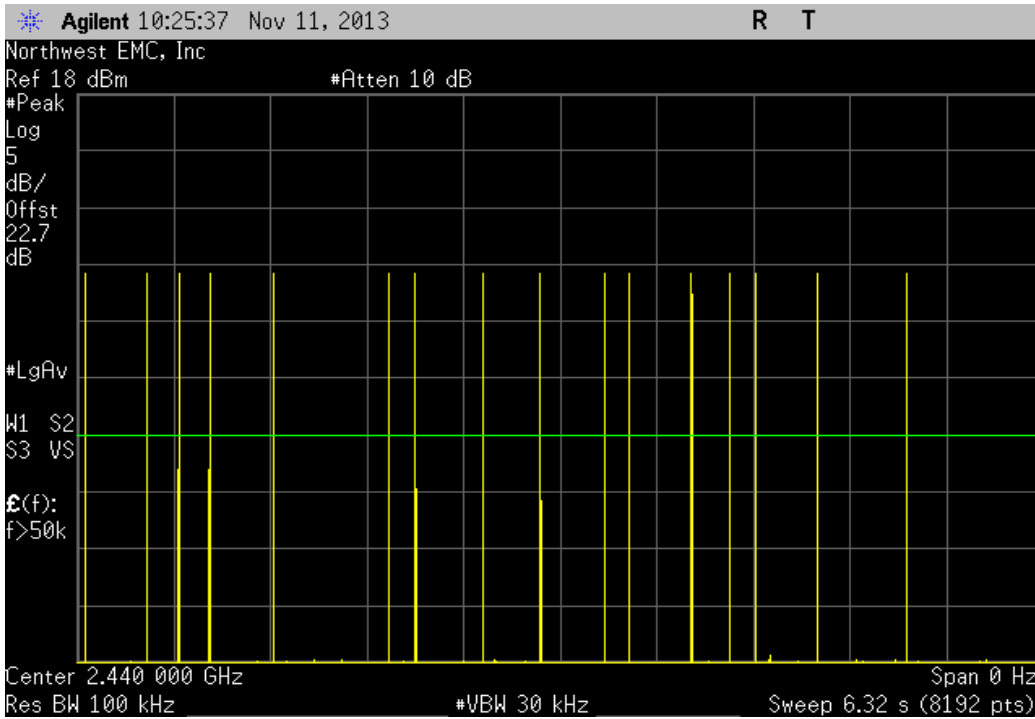
Hopping Mode, 2DH5, pi/4-DQPSK, Mid Channel, 2440 MHz						
Pulse Width (mS)	Number of Pulses	Average No. of Pulses	Scale Factor	On Time (mS) During 31.6 S	Limit (mS)	Result
N/A	34	N/A	N/A	N/A	N/A	N/A



Hopping Mode, 2DH5, pi/4-DQPSK, Mid Channel, 2440 MHz						
Pulse Width (mS)	Number of Pulses	Average No. of Pulses	Scale Factor	On Time (mS) During 31.6 S	Limit (mS)	Result
N/A	19	N/A	N/A	N/A	N/A	N/A



Hopping Mode, 2DH5, pi/4-DQPSK, Mid Channel, 2440 MHz						
Pulse Width (mS)	Number of Pulses	Average No. of Pulses	Scale Factor	On Time (mS) During 31.6 S	Limit (mS)	Result
N/A	16	N/A	N/A	N/A	N/A	N/A

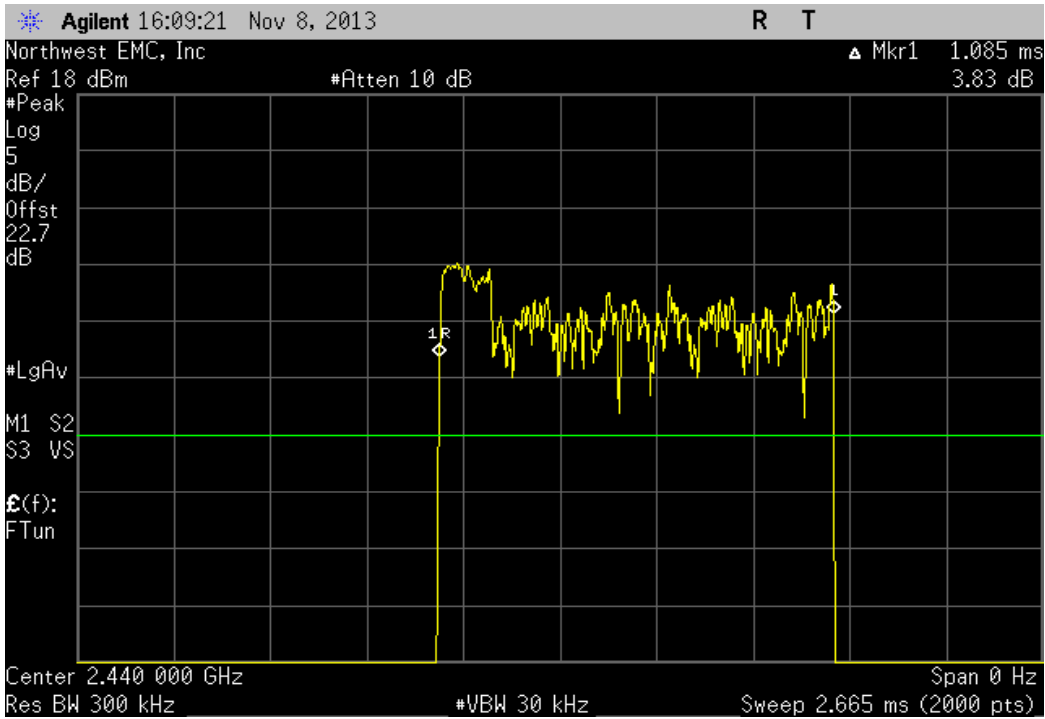


Hopping Mode, 2DH5, pi/4-DQPSK, Mid Channel, 2440 MHz						
Pulse Width (mS)	Number of Pulses	Average No. of Pulses	Scale Factor	On Time (mS) During 31.6 S	Limit (mS)	Result
1.552	N/A	23.5	5	182.36	400	Pass

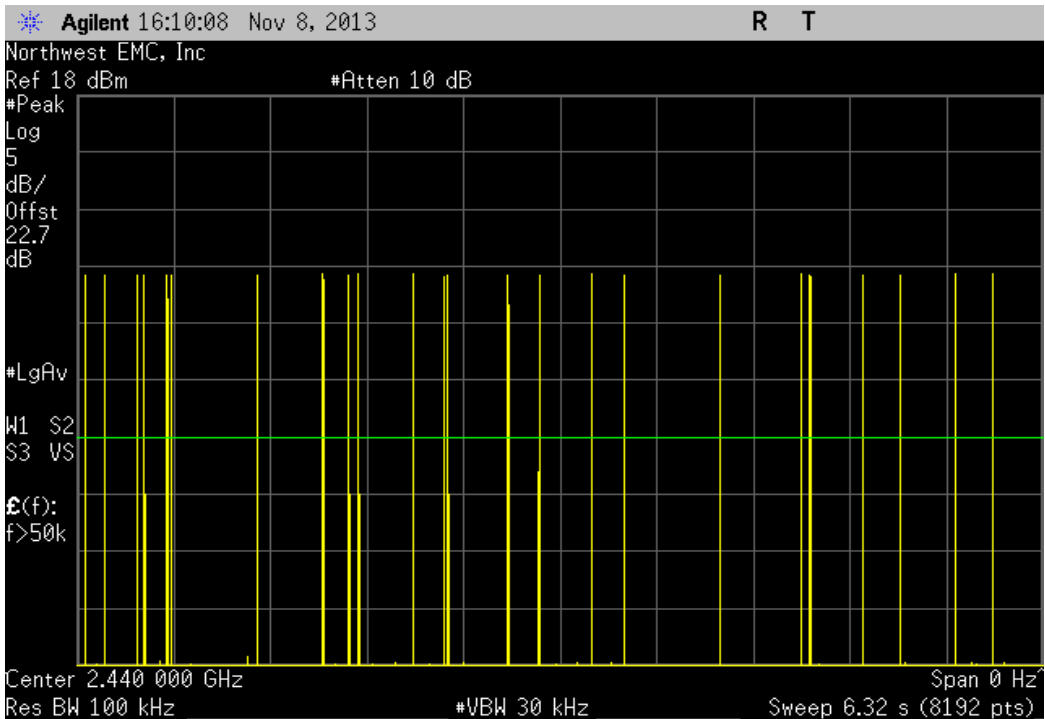
Calculation Only

No Screen Capture Required

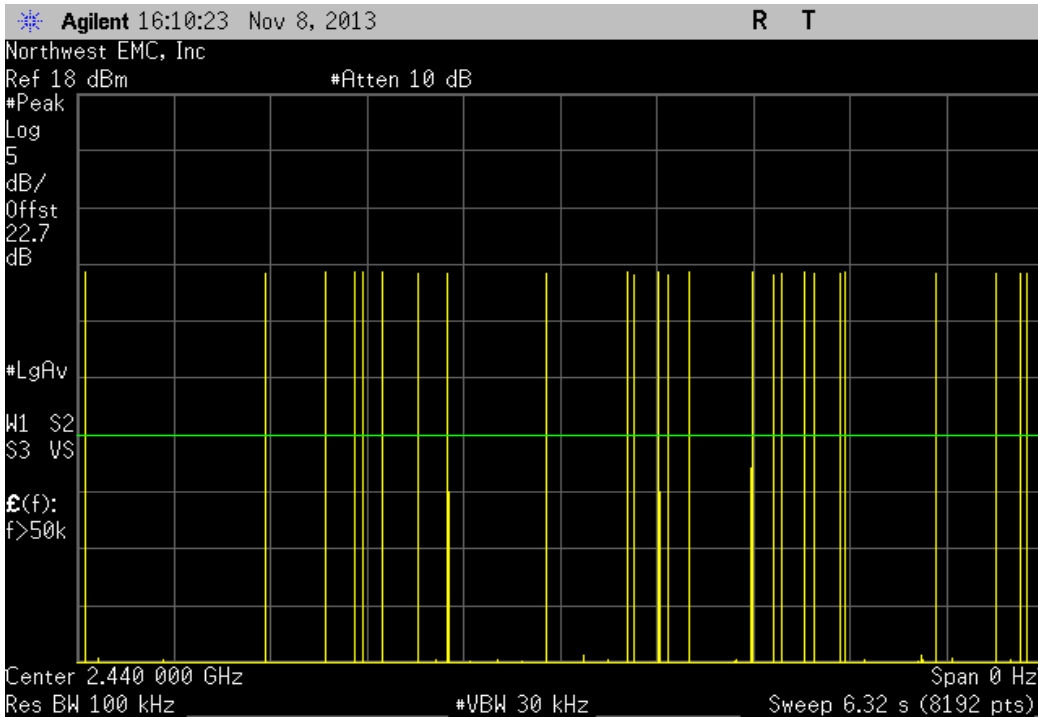
Hopping Mode, 3DH5, 8-DPSK, Mid Channel, 2440 MHz						
Pulse Width (mS)	Number of Pulses	Average No. of Pulses	Scale Factor	On Time (mS) During 31.6 S	Limit (mS)	Result
1.085	N/A	N/A	N/A	N/A	N/A	N/A



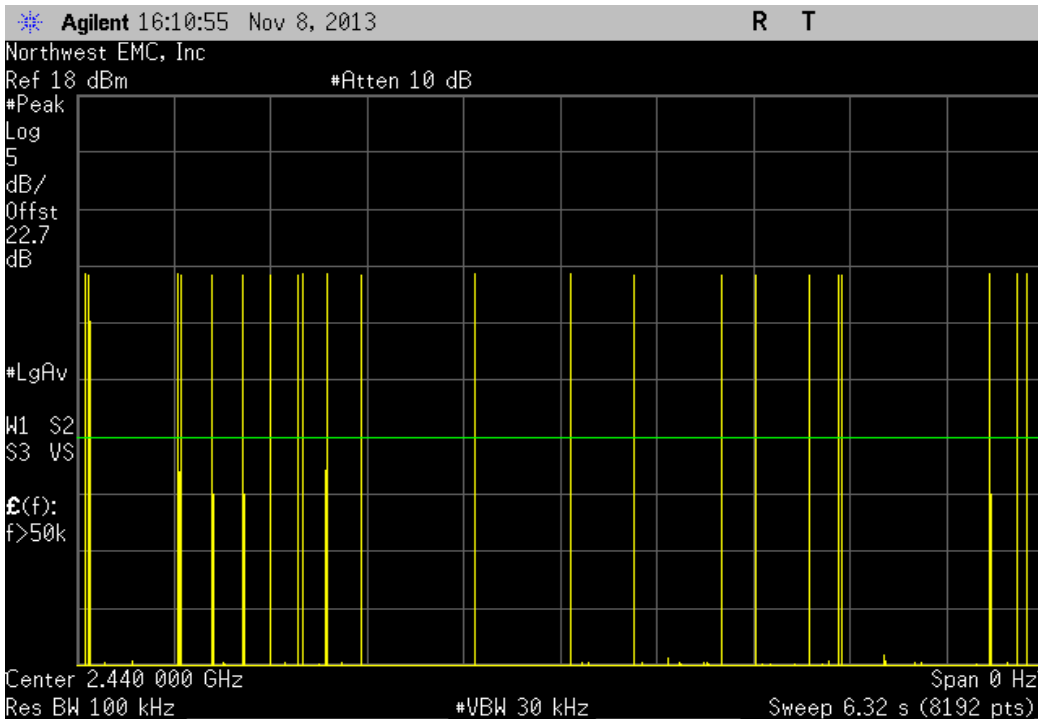
Hopping Mode, 3DH5, 8-DPSK, Mid Channel, 2440 MHz						
Pulse Width (mS)	Number of Pulses	Average No. of Pulses	Scale Factor	On Time (mS) During 31.6 S	Limit (mS)	Result
N/A	24	N/A	N/A	N/A	N/A	N/A



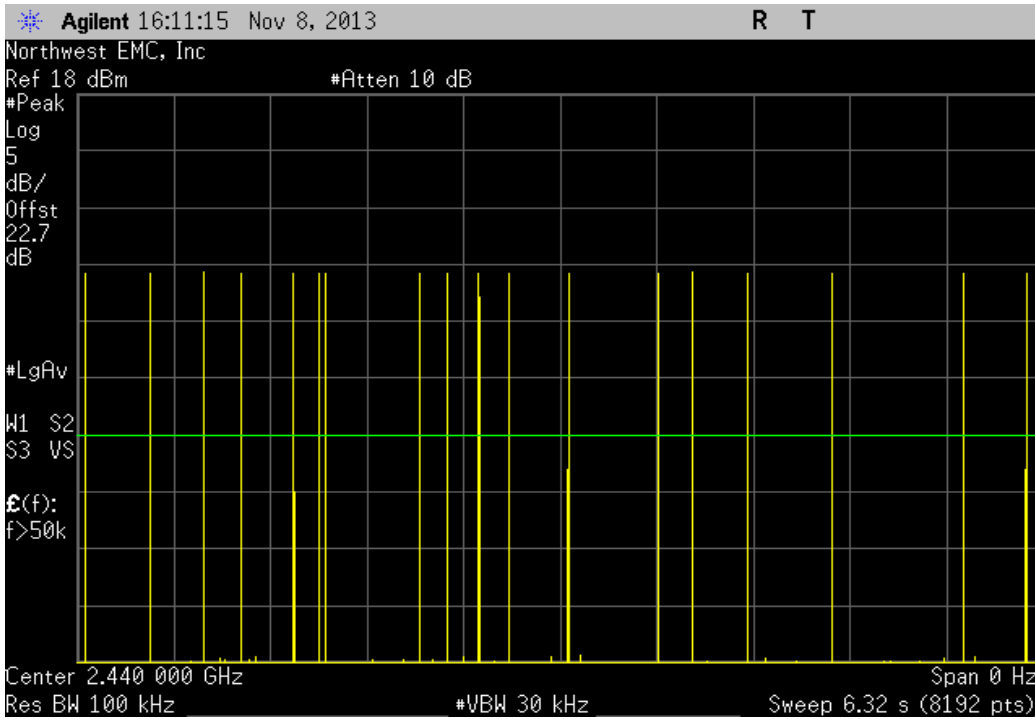
Hopping Mode, 3DH5, 8-DPSK, Mid Channel, 2440 MHz						
Pulse Width (mS)	Number of Pulses	Average No. of Pulses	Scale Factor	On Time (mS) During 31.6 S	Limit (mS)	Result
N/A	25	N/A	N/A	N/A	N/A	N/A



Hopping Mode, 3DH5, 8-DPSK, Mid Channel, 2440 MHz						
Pulse Width (mS)	Number of Pulses	Average No. of Pulses	Scale Factor	On Time (mS) During 31.6 S	Limit (mS)	Result
N/A	22	N/A	N/A	N/A	N/A	N/A



Hopping Mode, 3DH5, 8-DPSK, Mid Channel, 2440 MHz						
Pulse Width (mS)	Number of Pulses	Average No. of Pulses	Scale Factor	On Time (mS) During 31.6 S	Limit (mS)	Result
N/A	18	N/A	N/A	N/A	N/A	N/A



Hopping Mode, 3DH5, 8-DPSK, Mid Channel, 2440 MHz						
Pulse Width (mS)	Number of Pulses	Average No. of Pulses	Scale Factor	On Time (mS) During 31.6 S	Limit (mS)	Result
1.085	N/A	22.25	5	120.71	400	Pass

Calculation Only

No Screen Capture Required

Spurious Radiated Emissions

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. The test data represents the configuration / operating mode/ model that produced the highest emission levels as compared to the specification limit.

MODES OF OPERATION, 2.4GHZ BLUETOOTH

Tx, DH5
Tx, 2DH5
Tx, 3DH5

CHANNELS OF OPERATION, 2.4GHZ BLUETOOTH

Low Ch. 2402 MHz
Mid Ch. 2440 MHz
High Ch. 2480 MHz

POWER SETTINGS INVESTIGATED

110VAC/60Hz

CONFIGURATIONS INVESTIGATED

INSD0003 - 2

FREQUENCY RANGE INVESTIGATED

Start Frequency	30 MHz	Stop Frequency	26.5 GHz
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SAMPLE CALCULATIONS

Radiated Emissions: Field Strength = Measured Level + Antenna Factor + Cable Factor - Amplifier Gain + Distance Adjustment Factor + External Attenuation

TEST EQUIPMENT

Description	Manufacturer	Model	ID	Last Cal.	Interval
Attenuator - 20dB, LF (30MHz - 1000MHz)	Coaxicom	3910-20	AXY	6/20/2013	12 mo
Cable	ESM Cable Corp.	KMKM-72	EVY	9/10/2013	12 mo
Pre-Amplifier	Miteq	AMF-6F-18002650-25-10P	AVU	9/10/2013	12 mo
Antenna, Horn	ETS Lindgren	3160-09	AIV	NCR	0 mo
Pre-Amplifier	Miteq	AMF-6F-12001800-30-10P	AVD	10/21/2013	12 mo
Antenna, Horn	ETS	3160-08	AHV	NCR	0 mo
EV01 Cables	N/A	Standard Gain Horns Cables	EVF	10/21/2013	12 mo
Pre-Amplifier	Miteq	AMF-6F-08001200-30-10P	AVC	10/21/2013	12 mo
Antenna, Horn	ETS	3160-07	AHU	NCR	0 mo
EV01 Cables	N/A	Double Ridge Horn Cables	EVB	9/2/2013	12 mo
Pre-Amplifier	Miteq	AMF-4D-010100-24-10P	APW	6/20/2013	12 mo
Antenna, Horn	ETS	3115	AIZ	1/24/2011	36 mo
EV01 Cables	N/A	Bilog Cables	EVA	6/20/2013	12 mo
Pre-Amplifier	Miteq	AM-1616-1000	AOL	6/20/2013	12 mo
Antenna, Biconilog	EMCO	3141	AXG	4/10/2012	36 mo
HP Filter	Micro-Tronics	HPM50111	HFO	7/6/2013	24 mo
LP Filter	Micro-Tronics	LPM50004	LFD	7/6/2012	24 mo
Spectrum Analyzer	Agilent	E4440A	AFD	7/5/2012	24 mo

MEASUREMENT BANDWIDTHS

Frequency Range (MHz)	Peak Data (kHz)	Quasi-Peak Data (kHz)	Average Data (kHz)
0.01 - 0.15	1.0	0.2	0.2
0.15 - 30.0	10.0	9.0	9.0
30.0 - 1000	100.0	120.0	120.0
Above 1000	1000.0	N/A	1000.0

TEST DESCRIPTION

The highest gain of each type of antenna to be used with the EUT was tested. The EUT was configured for low, mid, and high band transmit frequencies. For each configuration, the spectrum was scanned throughout the specified range. In addition, measurements were made in the restricted bands to verify compliance. While scanning, emissions from the EUT were maximized by rotating the EUT on a turntable, adjusting the position of the EUT and the EUT antenna in three orthogonal axis, and adjusting measurement antenna height and polarization. A preamp and high pass filter were used for this test in order to provide sufficient measurement sensitivity. (The radio was operated with the customer's test software for the modes tested)



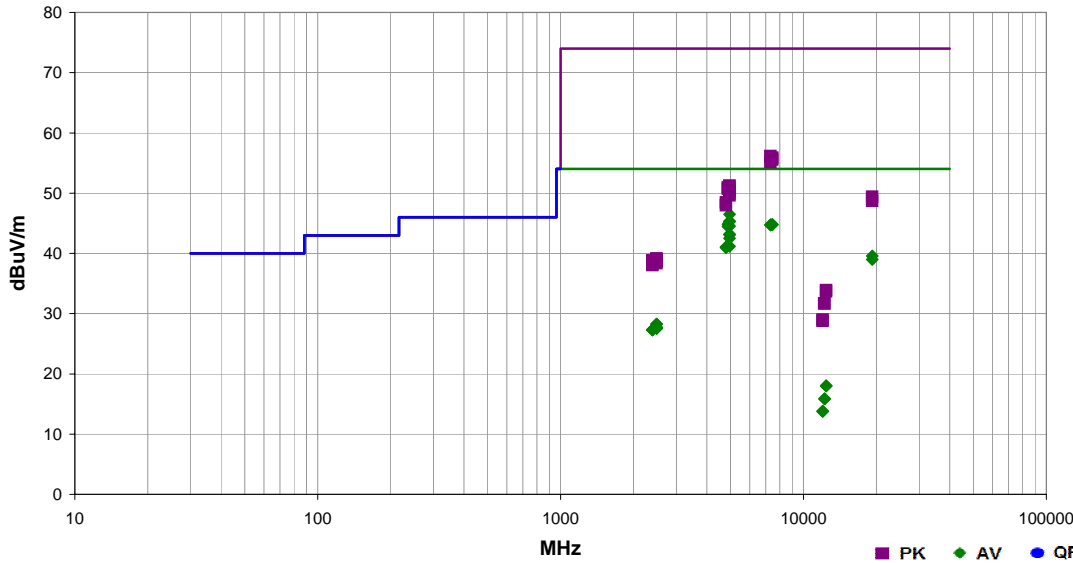
Spurious Radiated Emissions

PSA-ESCI 2012.12.14
EmiR5 2013.08.26

Work Order:	INSD0003	Date:	11/08/13	
Project:	None	Temperature:	20.8 °C	
Job Site:	EV01	Humidity:	43.5% RH	
Serial Number:	99	Barometric Pres.:	1013.9 mbar	
EUT:	The EGG			
Configuration:	2			
Customer:	Intel Corporation			
Attendees:	None			
EUT Power:	110VAC/60Hz			
Operating Mode:	On, Tx			
Deviations:	None			
Comments:	Please reference data comments for EUT orientation, data rate and frequency			

Test Specifications	Test Method
FCC 15.247:2013	ANSI C63.10:2009

Run #	12	Test Distance (m)	3	Antenna Height(s)	1-4m	Results	Pass
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Freq (MHz)	Amplitude (dBuV)	Factor (dB)	Antenna Height (meters)	Azimuth (degrees)	Test Distance (meters)	External Attenuation (dB)	Polarity/Transducer Type	Detector	Distance Adjustment (dB)	Adjusted (dBuV/m)	Spec. Limit (dBuV/m)	Compared to Spec. (dB)	Comments
4960.360	35.6	10.9	1.1	343.0	3.0	0.0	Horz	AV	0.0	46.5	54.0	-7.5	DH5 High Ch. 2480 MHz, EUT Vert
4960.285	34.4	10.9	1.4	159.0	3.0	0.0	Vert	AV	0.0	45.3	54.0	-8.7	DH5 High Ch. 2480 MHz, EUT On Side
4960.315	34.4	10.9	1.1	15.0	3.0	0.0	Horz	AV	0.0	45.3	54.0	-8.7	DH5 High Ch. 2480 MHz, EUT Horz
4879.950	34.2	10.6	1.8	325.0	3.0	0.0	Horz	AV	0.0	44.8	54.0	-9.2	DH5 Mid Ch. 2440 MHz, EUT Vert
7439.758	25.6	19.2	1.0	65.0	3.0	0.0	Vert	AV	0.0	44.8	54.0	-9.2	DH5 High Ch. 2480 MHz, EUT On Side
7438.192	25.6	19.2	1.0	38.0	3.0	0.0	Horz	AV	0.0	44.8	54.0	-9.2	DH5 High Ch. 2480 MHz, EUT Vert
7320.275	25.8	18.9	2.8	281.0	3.0	0.0	Vert	AV	0.0	44.7	54.0	-9.3	DH5 Mid Ch. 2440 MHz, EUT On Side
7318.883	25.8	18.9	1.8	325.0	3.0	0.0	Horz	AV	0.0	44.7	54.0	-9.3	DH5 Mid Ch. 2440 MHz, EUT Vert
4960.350	33.6	10.9	2.2	142.0	3.0	0.0	Vert	AV	0.0	44.5	54.0	-9.5	DH5 High Ch. 2480 MHz, EUT Vert
4880.008	33.8	10.6	1.0	339.0	3.0	0.0	Vert	AV	0.0	44.4	54.0	-9.6	DH5 Mid Ch. 2440 MHz, EUT On Side
4960.325	32.3	10.9	1.9	221.0	3.0	0.0	Vert	AV	0.0	43.2	54.0	-10.8	DH5 High Ch. 2480 MHz, EUT Horz
4960.350	32.2	10.9	1.0	316.0	3.0	0.0	Horz	AV	0.0	43.1	54.0	-10.9	DH5 High Ch. 2480 MHz, EUT On Side
4959.925	31.6	10.9	1.0	322.0	3.0	0.0	Horz	AV	0.0	42.5	54.0	-11.5	3DH5 High Ch. 2480 MHz, EUT Vert
4959.950	30.3	10.9	1.0	322.0	3.0	0.0	Horz	AV	0.0	41.2	54.0	-12.8	2DH5 High Ch. 2480 MHz, EUT Vert
4804.000	30.6	10.4	1.0	360.0	3.0	0.0	Vert	AV	0.0	41.0	54.0	-13.0	DH5 Low Ch. 2402 MHz, EUT On Side
4804.083	30.5	10.4	1.9	338.0	3.0	0.0	Horz	AV	0.0	40.9	54.0	-13.1	DH5 Low Ch. 2402 MHz, EUT Vert
19217.180	41.2	-1.6	1.1	54.0	3.0	0.0	Vert	AV	0.0	39.6	54.0	-14.4	DH5 Low Ch. 2402 MHz, EUT On Side
19214.880	40.6	-1.6	1.1	76.0	3.0	0.0	Horz	AV	0.0	39.0	54.0	-15.0	DH5 Low Ch. 2402 MHz, EUT Vert
7317.892	37.2	18.9	2.8	281.0	3.0	0.0	Vert	PK	0.0	56.1	74.0	-17.9	DH5 Mid Ch. 2440 MHz, EUT On Side
7440.167	36.7	19.2	1.0	38.0	3.0	0.0	Horz	PK	0.0	55.9	74.0	-18.1	DH5 High Ch. 2480 MHz, EUT Vert
7440.725	36.4	19.2	1.0	65.0	3.0	0.0	Vert	PK	0.0	55.6	74.0	-18.4	DH5 High Ch. 2480 MHz, EUT On Side
7321.108	36.2	18.9	1.8	325.0	3.0	0.0	Horz	PK	0.0	55.1	74.0	-18.9	DH5 Mid Ch. 2440 MHz, EUT Vert
4960.540	40.3	10.9	1.1	15.0	3.0	0.0	Horz	PK	0.0	51.2	74.0	-22.8	DH5 High Ch. 2480 MHz, EUT Horz
4960.100	40.3	10.9	1.1	343.0	3.0	0.0	Horz	PK	0.0	51.2	74.0	-22.8	DH5 High Ch. 2480 MHz, EUT Vert
4880.083	40.3	10.6	1.0	339.0	3.0	0.0	Vert	PK	0.0	50.9	74.0	-23.1	DH5 Mid Ch. 2440 MHz, EUT On Side
4960.090	40.0	10.9	1.4	159.0	3.0	0.0	Vert	PK	0.0	50.9	74.0	-23.1	DH5 High Ch. 2480 MHz, EUT On Side
4880.200	40.1	10.7	1.8	325.0	3.0	0.0	Horz	PK	0.0	50.8	74.0	-23.3	DH5 Mid Ch. 2440 MHz, EUT Vert
4960.575	39.6	10.9	1.9	221.0	3.0	0.0	Vert	PK	0.0	50.5	74.0	-23.5	DH5 High Ch. 2480 MHz, EUT Horz
4960.400	39.5	10.9	2.2	142.0	3.0	0.0	Vert	PK	0.0	50.4	74.0	-23.6	DH5 High Ch. 2480 MHz, EUT Vert
4960.220	39.2	10.9	1.0	322.0	3.0	0.0	Horz	PK	0.0	50.1	74.0	-23.9	3DH5 High Ch. 2480 MHz, EUT Vert
4960.040	38.9	10.9	1.0	322.0	3.0	0.0	Horz	PK	0.0	49.8	74.0	-24.2	2DH5 High Ch. 2480 MHz, EUT Vert
4960.815	38.7	10.9	1.0	316.0	3.0	0.0	Horz	PK	0.0	49.6	74.0	-24.4	DH5 High Ch. 2480 MHz, EUT On Side
19214.640	51.0	-1.6	1.1	54.0	3.0	0.0	Vert	PK	0.0	49.4	74.0	-24.6	DH5 Low Ch. 2402 MHz, EUT On Side
19217.230	50.3	-1.6	1.1	76.0	3.0	0.0	Horz	PK	0.0	48.7	74.0	-25.3	DH5 Low Ch. 2402 MHz, EUT Vert

Freq (MHz)	Amplitude (dBuV)	Factor (dB)	Antenna Height (meters)	Azimuth (degrees)	Test Distance (meters)	External Attenuation (dB)	Polarity/Transducer Type	Detector	Distance Adjustment (dB)	Adjusted (dBuV/m)	Spec. Limit (dBuV/m)	Compared to Spec. (dB)	Comments
4803.917	38.0	10.4	1.0	360.0	3.0	0.0	Vert	PK	0.0	48.4	74.0	-25.6	DH5 Low Ch. 2402 MHz, EUT On Side
2483.527	26.4	1.8	1.0	98.0	3.0	0.0	Vert	AV	0.0	28.2	54.0	-25.8	3DH5 High Ch. 2480 MHz, EUT Vert
2483.500	26.4	1.8	1.0	98.0	3.0	0.0	Vert	AV	0.0	28.2	54.0	-25.8	2DH5 High Ch. 2480 MHz, EUT Vert
4804.525	37.5	10.4	1.9	338.0	3.0	0.0	Horz	PK	0.0	47.9	74.0	-26.1	DH5 Low Ch. 2402 MHz, EUT Vert
2484.503	25.8	1.9	3.2	360.0	3.0	0.0	Vert	AV	0.0	27.7	54.0	-26.3	DH5 High Ch. 2480 MHz, EUT Vert
2484.293	25.8	1.9	1.0	230.0	3.0	0.0	Vert	AV	0.0	27.7	54.0	-26.3	DH5 High Ch. 2480 MHz, EUT On Side
2484.157	25.8	1.8	1.4	171.0	3.0	0.0	Horz	AV	0.0	27.6	54.0	-26.4	DH5 High Ch. 2480 MHz, EUT Horz
2485.393	25.7	1.9	1.0	305.0	3.0	0.0	Vert	AV	0.0	27.6	54.0	-26.4	DH5 High Ch. 2480 MHz, EUT Horz
2484.803	25.7	1.9	2.5	153.0	3.0	0.0	Horz	AV	0.0	27.6	54.0	-26.4	DH5 High Ch. 2480 MHz, EUT Vert
2484.517	25.7	1.9	1.0	343.0	3.0	0.0	Horz	AV	0.0	27.6	54.0	-26.4	DH5 High Ch. 2480 MHz, EUT On Side
2388.093	25.8	1.5	1.0	99.0	3.0	0.0	Vert	AV	0.0	27.3	54.0	-26.7	DH5 Low Ch. 2402 MHz, EUT Vert
2388.430	25.8	1.5	1.0	99.0	3.0	0.0	Vert	AV	0.0	27.3	54.0	-26.7	2DH5 Low Ch. 2402 MHz, EUT Vert
2388.497	25.8	1.5	1.0	99.0	3.0	0.0	Vert	AV	0.0	27.3	54.0	-26.7	3DH5 Low Ch. 2402 MHz, EUT Vert
2484.717	37.3	1.9	1.0	98.0	3.0	0.0	Vert	PK	0.0	39.2	74.0	-34.8	3DH5 High Ch. 2480 MHz, EUT Vert
2484.807	37.2	1.9	1.0	305.0	3.0	0.0	Vert	PK	0.0	39.1	74.0	-34.9	DH5 High Ch. 2480 MHz, EUT Horz
2485.353	37.1	1.9	3.2	360.0	3.0	0.0	Vert	PK	0.0	39.0	74.0	-35.0	DH5 High Ch. 2480 MHz, EUT Vert
2485.490	37.0	1.9	2.5	153.0	3.0	0.0	Horz	PK	0.0	38.9	74.0	-35.1	DH5 High Ch. 2480 MHz, EUT Vert
2484.683	37.0	1.9	1.4	171.0	3.0	0.0	Horz	PK	0.0	38.9	74.0	-35.1	DH5 High Ch. 2480 MHz, EUT Horz
2388.413	37.3	1.5	1.0	99.0	3.0	0.0	Vert	PK	0.0	38.8	74.0	-35.2	3DH5 Low Ch. 2402 MHz, EUT Vert
2485.347	36.8	1.9	1.0	98.0	3.0	0.0	Vert	PK	0.0	38.7	74.0	-35.3	2DH5 High Ch. 2480 MHz, EUT Vert
2485.287	36.8	1.9	1.0	230.0	3.0	0.0	Vert	PK	0.0	38.7	74.0	-35.3	DH5 High Ch. 2480 MHz, EUT On Side
2484.680	36.5	1.9	1.0	343.0	3.0	0.0	Horz	PK	0.0	38.4	74.0	-35.6	DH5 High Ch. 2480 MHz, EUT On Side
2388.433	36.6	1.5	1.0	99.0	3.0	0.0	Vert	PK	0.0	38.1	74.0	-35.9	DH5 Low Ch. 2402 MHz, EUT Vert
2389.340	36.5	1.5	1.0	99.0	3.0	0.0	Vert	PK	0.0	38.0	74.0	-36.0	2DH5 Low Ch. 2402 MHz, EUT Vert
12399.570	20.6	-2.6	1.0	287.0	3.0	0.0	Vert	AV	0.0	18.0	54.0	-36.0	DH5 Low Ch. 2402 MHz, EUT On Side
12398.880	20.6	-2.6	1.0	269.0	3.0	0.0	Horz	AV	0.0	18.0	54.0	-36.0	DH5 Low Ch. 2402 MHz, EUT Vert
12201.740	20.6	-4.7	3.7	102.0	3.0	0.0	Vert	AV	0.0	15.9	54.0	-38.1	DH5 Mid Ch. 2440 MHz, EUT On Side
12200.870	20.6	-4.8	1.0	4.0	3.0	0.0	Horz	AV	0.0	15.8	54.0	-38.2	DH5 Mid Ch. 2440 MHz, EUT Vert
12398.210	36.5	-2.6	1.0	269.0	3.0	0.0	Horz	PK	0.0	33.9	74.0	-40.1	DH5 Low Ch. 2402 MHz, EUT Vert
12011.600	20.6	-6.8	1.0	26.0	3.0	0.0	Horz	AV	0.0	13.8	54.0	-40.2	DH5 High Ch. 2480 MHz, EUT Vert
12010.210	20.6	-6.8	3.6	25.0	3.0	0.0	Vert	AV	0.0	13.8	54.0	-40.2	DH5 High Ch. 2480 MHz, EUT On Side
12399.120	36.3	-2.6	1.0	287.0	3.0	0.0	Vert	PK	0.0	33.7	74.0	-40.3	DH5 Low Ch. 2402 MHz, EUT On Side
12198.130	36.5	-4.8	1.0	4.0	3.0	0.0	Horz	PK	0.0	31.7	74.0	-42.3	DH5 Mid Ch. 2440 MHz, EUT Vert
12202.300	36.4	-4.7	3.7	102.0	3.0	0.0	Vert	PK	0.0	31.7	74.0	-42.3	DH5 Mid Ch. 2440 MHz, EUT On Side
12011.290	35.8	-6.8	3.6	25.0	3.0	0.0	Vert	PK	0.0	29.0	74.0	-45.0	DH5 High Ch. 2480 MHz, EUT On Side
12010.580	35.6	-6.8	1.0	26.0	3.0	0.0	Horz	PK	0.0	28.8	74.0	-45.2	DH5 High Ch. 2480 MHz, EUT Vert

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.

MODES OF OPERATION

On, Tx BT DH5 High Ch. 2480 MHz

On, Tx BT DH5 Mid Ch. 2440 MHz

On, Tx BT DH5 Low Ch. 2402 MHz

POWER SETTINGS INVESTIGATED

110VAC/60Hz

CONFIGURATIONS INVESTIGATED

INSD0003 - 2

SAMPLE CALCULATIONS

Conducted Emissions: Adjusted Level = Measured Level + Transducer Factor + Cable Attenuation Factor + External Attenuator

TEST EQUIPMENT

Description	Manufacturer	Model	ID	Last Cal.	Interval
LISN	Solar	9252-50-R-24-BNC	LIP	4/8/2013	12 mo
Receiver	Rohde & Schwarz	ESCI	ARH	1/24/2013	12 mo
High Pass Filter	TTE	H97-100K-50-720B	HHH	2/1/2012	24 mo
Attenuator	Fairview Microwave	SA6B10W-20	RKA	10/24/2013	12 mo
EV07 Cables	N/A	Conducted Cables	EVG	4/25/2013	12 mo

MEASUREMENT BANDWIDTHS


Frequency Range (MHz)	Peak Data (kHz)	Quasi-Peak Data (kHz)	Average Data (kHz)
0.01 - 0.15	1.0	0.2	0.2
0.15 - 30.0	10.0	9.0	9.0
30.0 - 1000	100.0	120.0	120.0
Above 1000	1000.0	N/A	1000.0

Measurements were made using the bandwidths and detectors specified. No video filter was used.

TEST DESCRIPTION

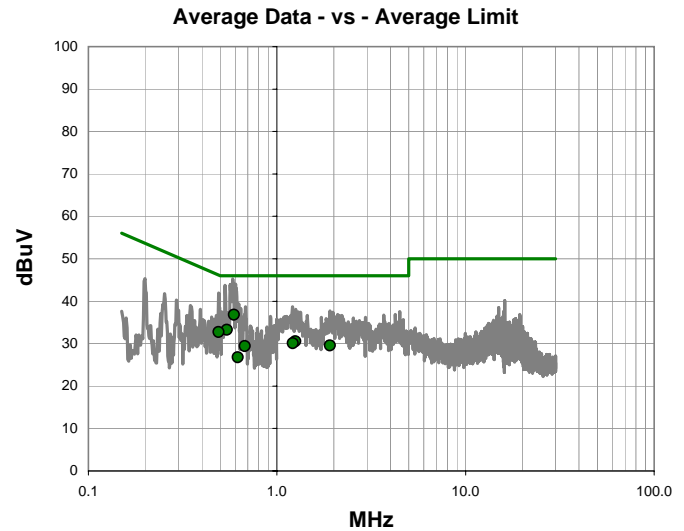
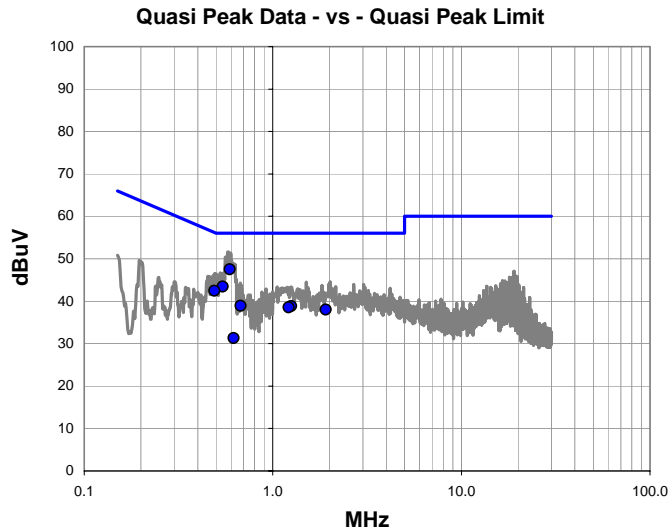
The EUT will be powered either directly or indirectly from the AC power line. Therefore, conducted emissions measurements were made on the AC input of the EUT, or on the AC input of the device used to power the EUT. The AC power line conducted emissions were measured with the EUT operating at the lowest, the highest, and a middle channel in the operational band. The EUT was transmitting at its maximum data rate. For each mode, the spectrum was scanned from 150 kHz to 30 MHz. The test setup and procedures were in accordance with ANSI C63.10-2009. (The radio was operated with the customer's test software for the modes tested)

Powerline Conducted Emissions

Work Order:	INSD0003	Date:	11/11/13	
Project:	None	Temperature:	20.2 °C	
Job Site:	EV07	Humidity:	40% RH	
Serial Number:	99	Barometric Pres.:	1020.3 mbar	
EUT:	The EGG			
Configuration:	2			
Customer:	Intel Corporation			
Attendees:	None			
EUT Power:	110VAC/60Hz			
Operating Mode:	On, Tx BT DH5 Low Ch. 2402 MHz (The radio was operated with the customer's test software for the modes tested)			
Deviations:	None			
Comments:	None			

Test Specifications	Test Method
FCC 15.207:2013	ANSI C63.10:2009

Run #	3	Line:	High Line	Ext. Attenuation:	20	Results	Pass
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Quasi Peak Data - vs - Quasi Peak Limit


Freq (MHz)	Amplitude (dBuV)	Factor (dB)	Adjusted (dBuV)	Spec. Limit (dBuV)	Compared to Spec. (dB)
0.592	27.2	20.3	47.5	56.0	-8.5
0.543	23.2	20.3	43.5	56.0	-12.5
0.490	22.2	20.3	42.5	56.2	-13.7
0.676	18.6	20.3	38.9	56.0	-17.1
1.252	18.5	20.4	38.9	56.0	-17.1
1.212	18.2	20.4	38.6	56.0	-17.4
1.908	17.6	20.4	38.0	56.0	-18.0
0.620	11.0	20.3	31.3	56.0	-24.7

Average Data - vs - Average Limit

Freq (MHz)	Amplitude (dBuV)	Factor (dB)	Adjusted (dBuV)	Spec. Limit (dBuV)	Compared to Spec. (dB)
0.592	16.5	20.3	36.8	46.0	-9.2
0.543	13.0	20.3	33.3	46.0	-12.7
0.490	12.5	20.3	32.8	46.2	-13.4
1.252	10.2	20.4	30.6	46.0	-15.4
1.212	9.7	20.4	30.1	46.0	-15.9
1.908	9.1	20.4	29.5	46.0	-16.5
0.676	9.1	20.3	29.4	46.0	-16.6
0.620	6.5	20.3	26.8	46.0	-19.2

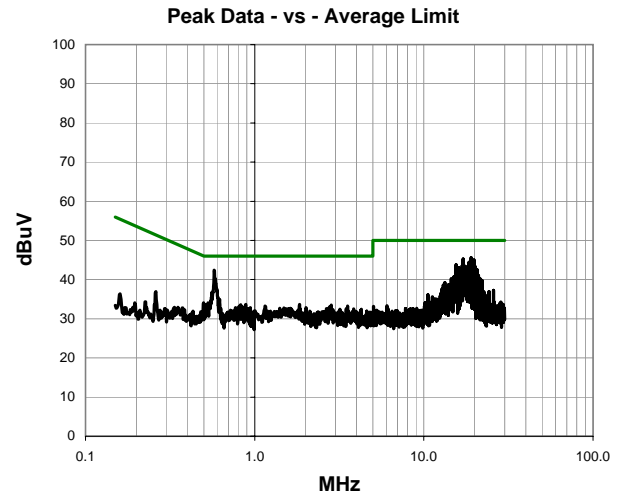
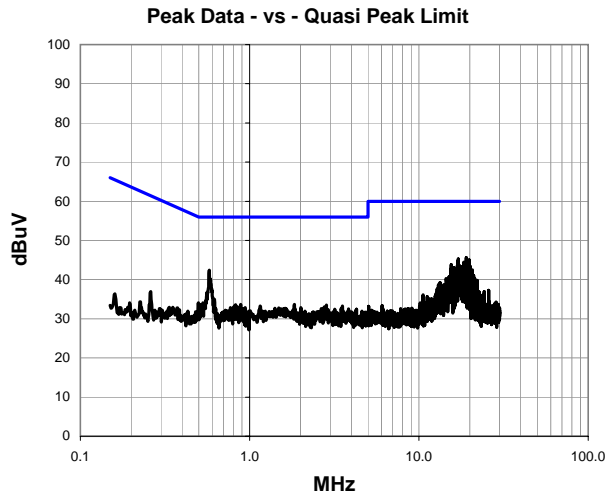


Powerline Conducted Emissions

Work Order:	INSD0003	Date:	11/11/13		
Project:	None	Temperature:	20.2 °C		
Job Site:	EV07	Humidity:	40% RH		
Serial Number:	99	Barometric Pres.:	1020.3 mbar		Tested by: Brandon Hobbs
EUT:	The EGG				
Configuration:	2				
Customer:	Intel Corporation				
Attendees:	None				
EUT Power:	110VAC/60Hz				
Operating Mode:	On, Tx BT DH5 Low Ch. 2402 MHz (The radio was operated with the customer's test software for the modes tested)				
Deviations:	None				
Comments:	None				

Test Specifications	Test Method
FCC 15.207:2013	ANSI C63.10:2009

Run #	4	Line:	Neutral	Ext. Attenuation:	20	Results	Pass
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Peak Data - vs - Quasi Peak Limit

Freq (MHz)	Amplitude (dBuV)	Factor (dB)	Adjusted (dBuV)	Spec. Limit (dBuV)	Compared to Spec. (dB)
0.577	22.1	20.3	42.4	56.0	-13.6
19.040	24.1	21.5	45.6	60.0	-14.4
17.060	23.9	21.3	45.2	60.0	-14.8
19.780	23.5	21.5	45.0	60.0	-15.0
17.000	23.4	21.3	44.7	60.0	-15.3
18.910	23.0	21.5	44.5	60.0	-15.5
18.430	23.0	21.4	44.4	60.0	-15.6
18.450	22.7	21.4	44.1	60.0	-15.9
19.670	22.6	21.5	44.1	60.0	-15.9
15.500	22.6	21.2	43.8	60.0	-16.2
17.210	22.4	21.3	43.7	60.0	-16.3
16.830	22.2	21.3	43.5	60.0	-16.5
18.660	22.0	21.4	43.4	60.0	-16.6
20.040	21.9	21.5	43.4	60.0	-16.6
17.450	22.0	21.4	43.4	60.0	-16.6

Peak Data - vs - Average Limit

Freq (MHz)	Amplitude (dBuV)	Factor (dB)	Adjusted (dBuV)	Spec. Limit (dBuV)	Compared to Spec. (dB)
0.577	22.1	20.3	42.4	46.0	-3.6
19.040	24.1	21.5	45.6	50.0	-4.4
17.060	23.9	21.3	45.2	50.0	-4.8
19.780	23.5	21.5	45.0	50.0	-5.0
17.000	23.4	21.3	44.7	50.0	-5.3
18.910	23.0	21.5	44.5	50.0	-5.5
18.430	23.0	21.4	44.4	50.0	-5.6
18.450	22.7	21.4	44.1	50.0	-5.9
19.670	22.6	21.5	44.1	50.0	-5.9
15.500	22.6	21.2	43.8	50.0	-6.2
17.210	22.4	21.3	43.7	50.0	-6.3
16.830	22.2	21.3	43.5	50.0	-6.5
18.660	22.0	21.4	43.4	50.0	-6.6
20.040	21.9	21.5	43.4	50.0	-6.6
17.450	22.0	21.4	43.4	50.0	-6.6

Freq (MHz)	Amplitude (dBuV)	Factor (dB)	Adjusted (dBuV)	Spec. Limit (dBuV)	Compared to Spec. (dB)
18.000	21.8	21.4	43.2	60.0	-16.8
15.580	21.9	21.2	43.1	60.0	-16.9
16.050	21.8	21.2	43.0	60.0	-17.0
18.040	21.5	21.4	42.9	60.0	-17.1
15.540	21.5	21.2	42.7	60.0	-17.3
17.880	21.3	21.4	42.7	60.0	-17.3
17.790	21.2	21.4	42.6	60.0	-17.4
20.650	21.0	21.5	42.5	60.0	-17.5
16.000	21.2	21.2	42.4	60.0	-17.6
16.880	20.8	21.3	42.1	60.0	-17.9
17.600	20.7	21.4	42.1	60.0	-17.9
16.100	20.8	21.3	42.1	60.0	-17.9
15.950	20.7	21.2	41.9	60.0	-18.1
16.740	20.6	21.3	41.9	60.0	-18.1
19.930	20.4	21.5	41.9	60.0	-18.1
17.750	20.4	21.4	41.8	60.0	-18.2
19.990	20.1	21.5	41.6	60.0	-18.4
15.900	20.3	21.2	41.5	60.0	-18.5
17.850	20.1	21.4	41.5	60.0	-18.5
17.320	20.1	21.4	41.5	60.0	-18.5
17.100	20.1	21.3	41.4	60.0	-18.6
18.810	19.9	21.4	41.3	60.0	-18.7
16.520	20.0	21.3	41.3	60.0	-18.7
19.360	19.8	21.5	41.3	60.0	-18.7
19.000	19.8	21.5	41.3	60.0	-18.7
15.850	19.8	21.2	41.0	60.0	-19.0
18.390	19.6	21.4	41.0	60.0	-19.0
21.020	19.5	21.5	41.0	60.0	-19.0
16.250	19.7	21.3	41.0	60.0	-19.0
19.120	19.3	21.5	40.8	60.0	-19.2
16.200	19.5	21.3	40.8	60.0	-19.2
18.240	19.3	21.4	40.7	60.0	-19.3
20.870	19.2	21.5	40.7	60.0	-19.3
15.420	19.5	21.2	40.7	60.0	-19.3
15.060	19.5	21.2	40.7	60.0	-19.3
15.740	19.4	21.2	40.6	60.0	-19.4
20.750	19.1	21.5	40.6	60.0	-19.4
18.510	19.1	21.4	40.5	60.0	-19.5
18.170	19.1	21.4	40.5	60.0	-19.5
16.300	19.1	21.3	40.4	60.0	-19.6
14.500	19.1	21.2	40.3	60.0	-19.7
21.460	18.7	21.5	40.2	60.0	-19.8
16.560	18.8	21.3	40.1	60.0	-19.9
15.270	18.9	21.2	40.1	60.0	-19.9
14.970	18.8	21.2	40.0	60.0	-20.0
14.870	18.8	21.2	40.0	60.0	-20.0
18.950	18.5	21.5	40.0	60.0	-20.0
18.550	18.5	21.4	39.9	60.0	-20.1
15.640	18.7	21.2	39.9	60.0	-20.1
21.510	18.4	21.5	39.9	60.0	-20.1
15.130	18.7	21.2	39.9	60.0	-20.1
22.070	18.3	21.5	39.8	60.0	-20.2
17.950	18.3	21.4	39.7	60.0	-20.3
16.450	18.4	21.3	39.7	60.0	-20.3
20.260	18.1	21.5	39.6	60.0	-20.4
20.200	18.1	21.5	39.6	60.0	-20.4
16.360	18.3	21.3	39.6	60.0	-20.4
20.360	18.0	21.5	39.5	60.0	-20.5
15.180	18.3	21.2	39.5	60.0	-20.5
16.150	18.1	21.3	39.4	60.0	-20.6
14.760	18.1	21.2	39.3	60.0	-20.7
18.320	17.8	21.4	39.2	60.0	-20.8
13.320	18.1	21.1	39.2	60.0	-20.8
20.960	17.7	21.5	39.2	60.0	-20.8
20.550	17.7	21.5	39.2	60.0	-20.8
20.810	17.6	21.5	39.1	60.0	-20.9
19.840	17.6	21.5	39.1	60.0	-20.9
0.619	14.7	20.3	35.0	56.0	-21.0
21.190	17.4	21.5	38.9	60.0	-21.1
19.290	17.4	21.5	38.9	60.0	-21.1
14.020	17.6	21.1	38.7	60.0	-21.3
20.410	17.2	21.5	38.7	60.0	-21.3
19.640	17.2	21.5	38.7	60.0	-21.3
13.050	17.6	21.1	38.7	60.0	-21.3
19.250	16.9	21.5	38.4	60.0	-21.6
14.590	17.2	21.2	38.4	60.0	-21.6
14.220	17.2	21.2	38.4	60.0	-21.6
14.390	17.1	21.2	38.3	60.0	-21.7
21.570	16.7	21.5	38.2	60.0	-21.8
21.390	16.7	21.5	38.2	60.0	-21.8
0.531	13.8	20.3	34.1	56.0	-21.9
13.800	16.9	21.1	38.0	60.0	-22.0

Freq (MHz)	Amplitude (dBuV)	Factor (dB)	Adjusted (dBuV)	Spec. Limit (dBuV)	Compared to Spec. (dB)
18.000	21.8	21.4	43.2	50.0	-6.8
15.580	21.9	21.2	43.1	50.0	-6.9
16.050	21.8	21.2	43.0	50.0	-7.0
18.040	21.5	21.4	42.9	50.0	-7.1
15.540	21.5	21.2	42.7	50.0	-7.3
17.880	21.3	21.4	42.7	50.0	-7.3
17.790	21.2	21.4	42.6	50.0	-7.4
20.650	21.0	21.5	42.5	50.0	-7.5
16.000	21.2	21.2	42.4	50.0	-7.6
16.880	20.8	21.3	42.1	50.0	-7.9
17.600	20.7	21.4	42.1	50.0	-7.9
16.100	20.8	21.3	42.1	50.0	-7.9
15.950	20.7	21.2	41.9	50.0	-8.1
16.740	20.6	21.3	41.9	50.0	-8.1
19.930	20.4	21.5	41.9	50.0	-8.1
17.750	20.4	21.4	41.8	50.0	-8.2
19.990	20.1	21.5	41.6	50.0	-8.4
15.900	20.3	21.2	41.5	50.0	-8.5
17.850	20.1	21.4	41.5	50.0	-8.5
17.320	20.1	21.4	41.5	50.0	-8.5
17.100	20.1	21.3	41.4	50.0	-8.6
18.810	19.9	21.4	41.3	50.0	-8.7
16.520	20.0	21.3	41.3	50.0	-8.7
19.360	19.8	21.5	41.3	50.0	-8.7
19.000	19.8	21.5	41.3	50.0	-8.7
15.850	19.8	21.2	41.0	50.0	-9.0
18.390	19.6	21.4	41.0	50.0	-9.0
21.020	19.5	21.5	41.0	50.0	-9.0
16.250	19.7	21.3	41.0	50.0	-9.0
19.120	19.3	21.5	40.8	50.0	-9.2
16.200	19.5	21.3	40.8	50.0	-9.2
18.240	19.3	21.4	40.7	50.0	-9.3
20.870	19.2	21.5	40.7	50.0	-9.3
15.420	19.5	21.2	40.7	50.0	-9.3
15.060	19.5	21.2	40.7	50.0	-9.3
15.740	19.4	21.2	40.6	50.0	-9.4
20.750	19.1	21.5	40.6	50.0	-9.4
18.510	19.1	21.4	40.5	50.0	-9.5
18.170	19.1	21.4	40.5	50.0	-9.5
16.300	19.1	21.3	40.4	50.0	-9.6
14.500	19.1	21.2	40.3	50.0	-9.7
21.460	18.7	21.5	40.2	50.0	-9.8
16.560	18.8	21.3	40.1	50.0	-9.9
15.270	18.9	21.2	40.1	50.0	-9.9
14.970	18.8	21.2	40.0	50.0	-10.0
14.870	18.8	21.2	40.0	50.0	-10.0
18.950	18.5	21.5	40.0	50.0	-10.0
18.550	18.5	21.4	39.9	50.0	-10.1
15.640	18.7	21.2	39.9	50.0	-10.1
21.510	18.4	21.5	39.9	50.0	-10.1
15.130	18.7	21.2	39.9	50.0	-10.1
22.070	18.3	21.5	39.8	50.0	-10.2
17.950	18.3	21.4	39.7	50.0	-10.3
16.450	18.4	21.3	39.7	50.0	-10.3
20.260	18.1	21.5	39.6	50.0	-10.4
20.200	18.1	21.5	39.6	50.0	-10.4
16.360	18.3	21.3	39.6	50.0	-10.4
20.360	18.0	21.5	39.5	50.0	-10.5
15.180	18.3	21.2	39.5	50.0	-10.5
16.150	18.1	21.3	39.4	50.0	-10.6
14.760	18.1	21.2	39.3	50.0	-10.7
18.320	17.8	21.4	39.2	50.0	-10.8
13.320	18.1	21.1	39.2	50.0	-10.8
20.960	17.7	21.5	39.2	50.0	-10.8
20.550	17.7	21.5	39.2	50.0	-10.8
20.810	17.6	21.5	39.1	50.0	-10.9
19.840	17.6	21.5	39.1	50.0	-10.9
0.619	14.7	20.3	35.0	46.0	-11.0
21.190	17.4	21.5	38.9	50.0	-11.1
19.290	17.4	21.5	38.9	50.0	-11.1
14.020	17.6	21.1	38.7	50.0	-11.3
20.410	17.2	21.5	38.7	50.0	-11.3
19.640	17.2	21.5	38.7	50.0	-11.3
13.050	17.6	21.1	38.7	50.0	-11.3
19.250	16.9	21.5	38.4	50.0	-11.6
14.590	17.2	21.2	38.4	50.0	-11.6
14.220	17.2	21.2	38.4	50.0	-11.6
14.390	17.1	21.2	38.3	50.0	-11.7
21.570	16.7	21.5	38.2	50.0	-11.8
21.390	16.7	21.5	38.2	50.0	-11.8
0.531	13.8	20.3	34.1	46.0	-11.9
13.800	16.9	21.1	38.0	50.0	-12.0

Freq (MHz)	Amplitude (dBuV)	Factor (dB)	Adjusted (dBuV)	Spec. Limit (dBuV)	Compared to Spec. (dB)
0.499	13.8	20.3	34.1	56.0	-22.0
15.800	16.6	21.2	37.8	60.0	-22.2
0.886	13.3	20.3	33.6	56.0	-22.4
13.550	16.5	21.1	37.6	60.0	-22.4
1.840	13.2	20.4	33.6	56.0	-22.4
0.827	13.3	20.3	33.6	56.0	-22.4
21.620	16.1	21.5	37.6	60.0	-22.4
12.810	16.5	21.1	37.6	60.0	-22.4
2.840	13.0	20.5	33.5	56.0	-22.5
21.160	15.9	21.5	37.4	60.0	-22.6
13.660	16.2	21.1	37.3	60.0	-22.7
1.152	12.9	20.4	33.3	56.0	-22.7
25.810	15.5	21.8	37.3	60.0	-22.7
3.536	12.7	20.5	33.2	56.0	-22.8
13.840	16.0	21.1	37.1	60.0	-22.9
14.260	15.9	21.2	37.1	60.0	-22.9
13.710	15.9	21.1	37.0	60.0	-23.0
0.850	12.7	20.3	33.0	56.0	-23.0
14.290	15.8	21.2	37.0	60.0	-23.0
24.290	15.3	21.6	36.9	60.0	-23.1
21.980	15.4	21.5	36.9	60.0	-23.1
22.630	15.3	21.6	36.9	60.0	-23.1
0.940	12.5	20.3	32.8	56.0	-23.2
2.008	12.4	20.4	32.8	56.0	-23.2
0.770	12.5	20.3	32.8	56.0	-23.2
21.350	15.3	21.5	36.8	60.0	-23.2
0.917	12.3	20.3	32.6	56.0	-23.4
3.480	12.1	20.5	32.6	56.0	-23.4
20.510	15.1	21.5	36.6	60.0	-23.4
2.656	12.1	20.5	32.6	56.0	-23.4
12.630	15.5	21.0	36.5	60.0	-23.5
3.840	12.0	20.5	32.5	56.0	-23.5
13.150	15.4	21.1	36.5	60.0	-23.5
20.070	15.0	21.5	36.5	60.0	-23.5
3.184	11.9	20.5	32.4	56.0	-23.6
4.280	11.8	20.6	32.4	56.0	-23.6
20.490	14.9	21.5	36.4	60.0	-23.6
14.120	15.2	21.1	36.3	60.0	-23.7
10.560	15.2	20.9	36.1	60.0	-23.9
22.170	14.6	21.5	36.1	60.0	-23.9
21.950	14.6	21.5	36.1	60.0	-23.9
19.750	14.6	21.5	36.1	60.0	-23.9
23.800	14.4	21.6	36.0	60.0	-24.0
4.600	11.3	20.7	32.0	56.0	-24.0
22.700	14.4	21.6	36.0	60.0	-24.0
2.120	11.5	20.4	31.9	56.0	-24.1
0.988	11.6	20.3	31.9	56.0	-24.1
13.450	14.8	21.1	35.9	60.0	-24.1
12.530	14.8	21.0	35.8	60.0	-24.2
21.930	14.3	21.5	35.8	60.0	-24.2
3.120	11.3	20.5	31.8	56.0	-24.2
2.376	11.3	20.5	31.8	56.0	-24.2
21.680	14.2	21.5	35.7	60.0	-24.3
4.944	11.0	20.7	31.7	56.0	-24.3
4.808	11.0	20.7	31.7	56.0	-24.3
11.210	14.7	21.0	35.7	60.0	-24.3
3.288	11.1	20.5	31.6	56.0	-24.4
0.261	16.6	20.3	36.9	61.4	-24.5
4.136	10.9	20.6	31.5	56.0	-24.5
0.956	11.0	20.3	31.3	56.0	-24.7
20.170	13.8	21.5	35.3	60.0	-24.7
22.850	13.7	21.6	35.3	60.0	-24.7
22.800	13.7	21.6	35.3	60.0	-24.7
2.240	10.8	20.5	31.3	56.0	-24.7
11.560	14.2	21.0	35.2	60.0	-24.8
11.910	14.1	21.0	35.1	60.0	-24.9
22.510	13.5	21.5	35.0	60.0	-25.0
24.190	13.4	21.6	35.0	60.0	-25.0
23.140	13.4	21.6	35.0	60.0	-25.0
12.160	13.8	21.0	34.8	60.0	-25.2
0.432	11.7	20.3	32.0	57.2	-25.3
12.700	13.7	21.0	34.7	60.0	-25.3
12.450	13.7	21.0	34.7	60.0	-25.3
12.300	13.6	21.0	34.6	60.0	-25.4
23.030	13.0	21.6	34.6	60.0	-25.4
22.410	13.0	21.5	34.5	60.0	-25.5
21.740	13.0	21.5	34.5	60.0	-25.5
22.290	12.9	21.5	34.4	60.0	-25.6
25.910	12.6	21.8	34.4	60.0	-25.6
11.750	13.3	21.0	34.3	60.0	-25.7
28.530	12.3	21.9	34.2	60.0	-25.8
22.740	12.6	21.6	34.2	60.0	-25.8

Freq (MHz)	Amplitude (dBuV)	Factor (dB)	Adjusted (dBuV)	Spec. Limit (dBuV)	Compared to Spec. (dB)
0.499	13.8	20.3	34.1	46.0	-12.0
15.800	16.6	21.2	37.8	50.0	-12.2
0.886	13.3	20.3	33.6	46.0	-12.4
13.550	16.5	21.1	37.6	50.0	-12.4
1.840	13.2	20.4	33.6	46.0	-12.4
0.827	13.3	20.3	33.6	46.0	-12.4
21.620	16.1	21.5	37.6	50.0	-12.4
12.810	16.5	21.1	37.6	50.0	-12.4
2.840	13.0	20.5	33.5	46.0	-12.5
21.160	15.9	21.5	37.4	50.0	-12.6
13.660	16.2	21.1	37.3	50.0	-12.7
1.152	12.9	20.4	33.3	46.0	-12.7
25.810	15.5	21.8	37.3	50.0	-12.7
3.536	12.7	20.5	33.2	46.0	-12.8
13.840	16.0	21.1	37.1	50.0	-12.9
14.260	15.9	21.2	37.1	50.0	-12.9
13.710	15.9	21.1	37.0	50.0	-13.0
0.850	12.7	20.3	33.0	46.0	-13.0
14.290	15.8	21.2	37.0	50.0	-13.0
24.290	15.3	21.6	36.9	50.0	-13.1
21.980	15.4	21.5	36.9	50.0	-13.1
22.630	15.3	21.6	36.9	50.0	-13.1
0.940	12.5	20.3	32.8	46.0	-13.2
2.008	12.4	20.4	32.8	46.0	-13.2
0.770	12.5	20.3	32.8	46.0	-13.2
21.350	15.3	21.5	36.8	50.0	-13.2
0.917	12.3	20.3	32.6	46.0	-13.4
3.480	12.1	20.5	32.6	46.0	-13.4
20.510	15.1	21.5	36.6	50.0	-13.4
2.656	12.1	20.5	32.6	46.0	-13.4
12.630	15.5	21.0	36.5	50.0	-13.5
3.840	12.0	20.5	32.5	46.0	-13.5
13.150	15.4	21.1	36.5	50.0	-13.5
20.070	15.0	21.5	36.5	50.0	-13.5
3.184	11.9	20.5	32.4	46.0	-13.6
4.280	11.8	20.6	32.4	46.0	-13.6
20.490	14.9	21.5	36.4	50.0	-13.6
14.120	15.2	21.1	36.3	50.0	-13.7
10.560	15.2	20.9	36.1	50.0	-13.9
22.170	14.6	21.5	36.1	50.0	-13.9
21.950	14.6	21.5	36.1	50.0	-13.9
19.750	14.6	21.5	36.1	50.0	-13.9
23.800	14.4	21.6	36.0	50.0	-14.0
4.600	11.3	20.7	32.0	46.0	-14.0
22.700	14.4	21.6	36.0	50.0	-14.0
2.120	11.5	20.4	31.9	46.0	-14.1
0.988	11.6	20.3	31.9	46.0	-14.1
13.450	14.8	21.1	35.9	50.0	-14.1
12.530	14.8	21.0	35.8	50.0	-14.2
21.930	14.3	21.5	35.8	50.0	-14.2
3.120	11.3	20.5	31.8	46.0	-14.2
2.376	11.3	20.5	31.8	46.0	-14.2
21.680	14.2	21.5	35.7	50.0	-14.3
4.944	11.0	20.7	31.7	46.0	-14.3
4.808	11.0	20.7	31.7	46.0	-14.3
11.210	14.7	21.0	35.7	50.0	-14.3
3.288	11.1	20.5	31.6	46.0	-14.4
0.261	16.6	20.3	36.9	51.4	-14.5
4.136	10.9	20.6	31.5	46.0	-14.5
0.956	11.0	20.3	31.3	46.0	-14.7
20.170	13.8	21.5	35.3	50.0	-14.7
22.850	13.7	21.6	35.3	50.0	-14.7
22.800	13.7	21.6	35.3	50.0	-14.7
2.240	10.8	20.5	31.3	46.0	-14.7
11.560	14.2	21.0	35.2	50.0	-14.8
11.910	14.1	21.0	35.1	50.0	-14.9
22.510	13.5	21.5	35.0	50.0	-15.0
24.190	13.4	21.6	35.0	50.0	-15.0
23.140	13.4	21.6	35.0	50.0	-15.0
12.160	13.8	21.0	34.8	50.0	-15.2
0.432	11.7	20.3	32.0	47.2	-15.3
12.700	13.7	21.0	34.7	50.0	-15.3
12.450	13.7	21.0	34.7	50.0	-15.3
12.300	13.6	21.0	34.6	50.0	-15.4
23.030	13.0	21.6	34.6	50.0	-15.4
22.410	13.0	21.5	34.5	50.0	-15.5
21.740	13.0	21.5	34.5	50.0	-15.5
22.290	12.9	21.5	34.4	50.0	-15.6
25.910	12.6	21.8	34.4	50.0	-15.6
11.750	13.3	21.0	34.3	50.0	-15.7
28.530	12.3	21.9	34.2	50.0	-15.8
22.740	12.6	21.6	34.2	50.0	-15.8

Freq (MHz)	Amplitude (dBuV)	Factor (dB)	Adjusted (dBuV)	Spec. Limit (dBuV)	Compared to Spec. (dB)
22.450	12.6	21.5	34.1	60.0	-25.9
22.200	12.6	21.5	34.1	60.0	-25.9
11.150	13.1	21.0	34.1	60.0	-25.9
10.160	13.1	20.9	34.0	60.0	-26.0
10.990	12.9	21.0	33.9	60.0	-26.1
22.570	12.3	21.5	33.8	60.0	-26.2
28.020	11.9	21.9	33.8	60.0	-26.2
12.020	12.8	21.0	33.8	60.0	-26.2
11.640	12.8	21.0	33.8	60.0	-26.2
24.750	12.1	21.7	33.8	60.0	-26.2
24.870	12.0	21.7	33.7	60.0	-26.3
23.000	12.1	21.6	33.7	60.0	-26.3
29.390	11.7	22.0	33.7	60.0	-26.3
0.335	12.7	20.3	33.0	59.3	-26.4
10.380	12.7	20.9	33.6	60.0	-26.4
23.340	12.0	21.6	33.6	60.0	-26.4
10.930	12.6	21.0	33.6	60.0	-26.4
23.630	11.9	21.6	33.5	60.0	-26.5
10.450	12.5	20.9	33.4	60.0	-26.6
25.220	11.7	21.7	33.4	60.0	-26.6
10.250	12.4	20.9	33.3	60.0	-26.7
6.060	12.6	20.7	33.3	60.0	-26.7
23.930	11.7	21.6	33.3	60.0	-26.7
26.380	11.5	21.8	33.3	60.0	-26.7
27.170	11.4	21.9	33.3	60.0	-26.7
29.080	11.3	22.0	33.3	60.0	-26.7
11.170	12.3	21.0	33.3	60.0	-26.7
27.950	11.3	21.9	33.2	60.0	-26.8
5.050	12.5	20.7	33.2	60.0	-26.8
11.070	12.2	21.0	33.2	60.0	-26.8
10.810	12.2	21.0	33.2	60.0	-26.9
10.090	12.2	20.9	33.1	60.0	-26.9
25.510	11.4	21.7	33.1	60.0	-26.9
26.630	11.3	21.8	33.1	60.0	-26.9
23.440	11.5	21.6	33.1	60.0	-26.9
27.600	11.1	21.9	33.0	60.0	-27.0
24.490	11.2	21.6	32.8	60.0	-27.2
27.810	10.9	21.9	32.8	60.0	-27.2
29.990	10.8	22.0	32.8	60.0	-27.2
29.730	10.8	22.0	32.8	60.0	-27.2
9.090	11.8	20.9	32.7	60.0	-27.3
26.990	10.8	21.9	32.7	60.0	-27.3
7.790	11.8	20.8	32.6	60.0	-27.4
8.700	11.7	20.8	32.5	60.0	-27.5
6.150	11.8	20.7	32.5	60.0	-27.5
8.580	11.7	20.8	32.5	60.0	-27.5
8.310	11.7	20.8	32.5	60.0	-27.5
8.180	11.5	20.8	32.3	60.0	-27.7
9.630	11.3	20.9	32.2	60.0	-27.8
5.260	11.5	20.7	32.2	60.0	-27.8
5.090	11.5	20.7	32.2	60.0	-27.8
6.800	11.4	20.7	32.1	60.0	-27.9
9.400	11.2	20.9	32.1	60.0	-27.9
6.960	11.3	20.8	32.1	60.0	-27.9
6.500	11.2	20.7	31.9	60.0	-28.1
8.480	10.9	20.8	31.7	60.0	-28.3
0.225	14.0	20.3	34.3	62.6	-28.3
7.180	10.8	20.8	31.6	60.0	-28.4
7.000	10.8	20.8	31.6	60.0	-28.4
7.510	10.6	20.8	31.4	60.0	-28.6
6.330	10.6	20.7	31.3	60.0	-28.7
9.320	10.4	20.9	31.3	60.0	-28.7
9.180	10.3	20.9	31.2	60.0	-28.8
7.650	10.3	20.8	31.1	60.0	-28.9
0.160	16.0	20.3	36.3	65.5	-29.1
0.196	13.7	20.3	34.0	63.8	-29.8

Freq (MHz)	Amplitude (dBuV)	Factor (dB)	Adjusted (dBuV)	Spec. Limit (dBuV)	Compared to Spec. (dB)
22.450	12.6	21.5	34.1	50.0	-15.9
22.200	12.6	21.5	34.1	50.0	-15.9
11.150	13.1	21.0	34.1	50.0	-15.9
10.160	13.1	20.9	34.0	50.0	-16.0
10.990	12.9	21.0	33.9	50.0	-16.1
22.570	12.3	21.5	33.8	50.0	-16.2
28.020	11.9	21.9	33.8	50.0	-16.2
12.020	12.8	21.0	33.8	50.0	-16.2
11.640	12.8	21.0	33.8	50.0	-16.2
24.750	12.1	21.7	33.8	50.0	-16.2
24.870	12.0	21.7	33.7	50.0	-16.3
23.000	12.1	21.6	33.7	50.0	-16.3
29.390	11.7	22.0	33.7	50.0	-16.3
0.335	12.7	20.3	33.0	49.3	-16.4
10.380	12.7	20.9	33.6	50.0	-16.4
23.340	12.0	21.6	33.6	50.0	-16.4
10.930	12.6	21.0	33.6	50.0	-16.4
23.630	11.9	21.6	33.5	50.0	-16.5
10.450	12.5	20.9	33.4	50.0	-16.6
25.220	11.7	21.7	33.4	50.0	-16.6
10.250	12.4	20.9	33.3	50.0	-16.7
6.060	12.6	20.7	33.3	50.0	-16.7
23.930	11.7	21.6	33.3	50.0	-16.7
26.380	11.5	21.8	33.3	50.0	-16.7
27.170	11.4	21.9	33.3	50.0	-16.7
29.080	11.3	22.0	33.3	50.0	-16.7
11.170	12.3	21.0	33.3	50.0	-16.7
27.950	11.3	21.9	33.2	50.0	-16.8
5.050	12.5	20.7	33.2	50.0	-16.8
11.070	12.2	21.0	33.2	50.0	-16.8
10.810	12.2	21.0	33.2	50.0	-16.9
10.090	12.2	20.9	33.1	50.0	-16.9
25.510	11.4	21.7	33.1	50.0	-16.9
26.630	11.3	21.8	33.1	50.0	-16.9
23.440	11.5	21.6	33.1	50.0	-16.9
27.600	11.1	21.9	33.0	50.0	-17.0
24.490	11.2	21.6	32.8	50.0	-17.2
27.810	10.9	21.9	32.8	50.0	-17.2
29.990	10.8	22.0	32.8	50.0	-17.2
29.730	10.8	22.0	32.8	50.0	-17.2
9.090	11.8	20.9	32.7	50.0	-17.3
26.990	10.8	21.9	32.7	50.0	-17.3
7.790	11.8	20.8	32.6	50.0	-17.4
8.700	11.7	20.8	32.5	50.0	-17.5
6.150	11.8	20.7	32.5	50.0	-17.5
8.580	11.7	20.8	32.5	50.0	-17.5
8.310	11.7	20.8	32.5	50.0	-17.5
8.180	11.5	20.8	32.3	50.0	-17.7
9.630	11.3	20.9	32.2	50.0	-17.8
5.260	11.5	20.7	32.2	50.0	-17.8
5.090	11.5	20.7	32.2	50.0	-17.8
6.800	11.4	20.7	32.1	50.0	-17.9
9.400	11.2	20.9	32.1	50.0	-17.9
6.960	11.3	20.8	32.1	50.0	-17.9
6.500	11.2	20.7	31.9	50.0	-18.1
8.480	10.9	20.8	31.7	50.0	-18.3
0.225	14.0	20.3	34.3	52.6	-18.3
7.180	10.8	20.8	31.6	50.0	-18.4
7.000	10.8	20.8	31.6	50.0	-18.4
7.510	10.6	20.8	31.4	50.0	-18.6
6.330	10.6	20.7	31.3	50.0	-18.7
9.320	10.4	20.9	31.3	50.0	-18.7
9.180	10.3	20.9	31.2	50.0	-18.8
7.650	10.3	20.8	31.1	50.0	-18.9
0.160	16.0	20.3	36.3	55.5	-19.1
0.196	13.7	20.3	34.0	53.8	-19.8

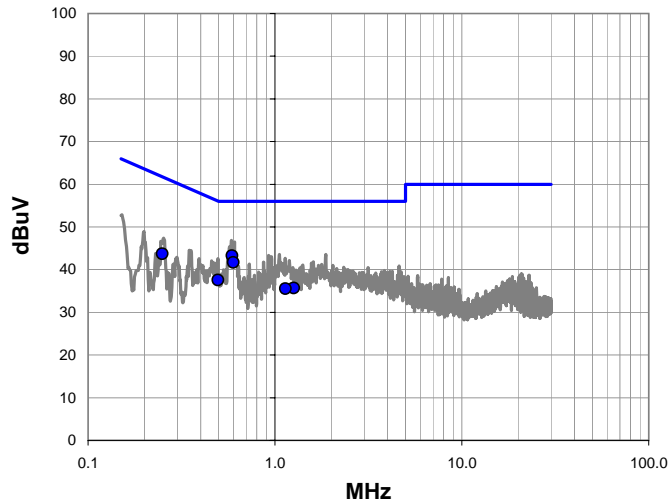
Powerline Conducted Emissions

Work Order:	INSD0003	Date:	11/11/13	
Project:	None	Temperature:	20.2 °C	
Job Site:	EV07	Humidity:	40% RH	
Serial Number:	99	Barometric Pres.:	1020.3 mbar	
EUT:	The EGG			
Configuration:	2			
Customer:	Intel Corporation			
Attendees:	None			
EUT Power:	110VAC/60Hz			
Operating Mode:	On, Tx BT DH5 Mid Ch. 2440 MHz (The radio was operated with the customer's test software for the modes tested)			
Deviations:	None			
Comments:	None			

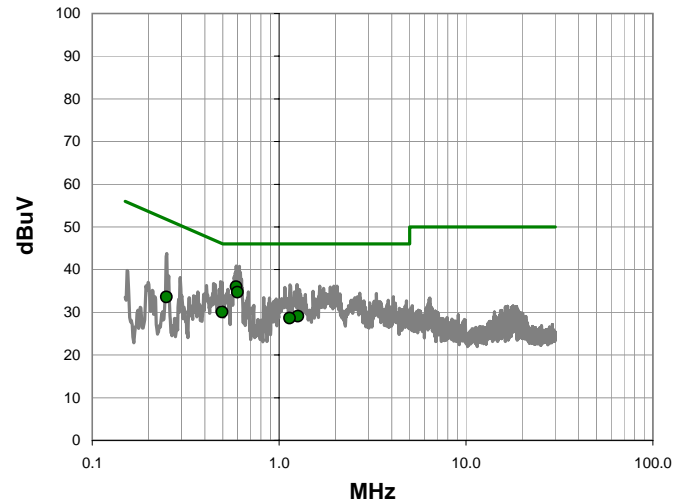
Test Specifications	Test Method
FCC 15.207:2013	ANSI C63.10:2009

Run #	5	Line:	Neutral	Ext. Attenuation:	20	Results	Pass
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Quasi Peak Data - vs - Quasi Peak Limit



Average Data - vs - Average Limit




Quasi Peak Data - vs - Quasi Peak Limit

Freq (MHz)	Amplitude (dBuV)	Factor (dB)	Adjusted (dBuV)	Spec. Limit (dBuV)	Compared to Spec. (dB)
0.589	23.0	20.3	43.3	56.0	-12.7
0.600	21.4	20.3	41.7	56.0	-14.3
0.250	23.4	20.3	43.7	61.8	-18.1
0.495	17.3	20.3	37.6	56.1	-18.5
1.260	15.3	20.4	35.7	56.0	-20.3
1.140	15.2	20.4	35.6	56.0	-20.4

Average Data - vs - Average Limit

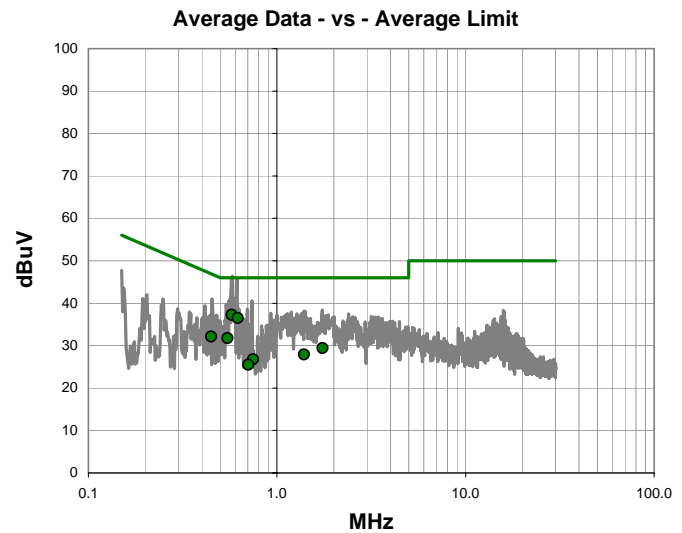
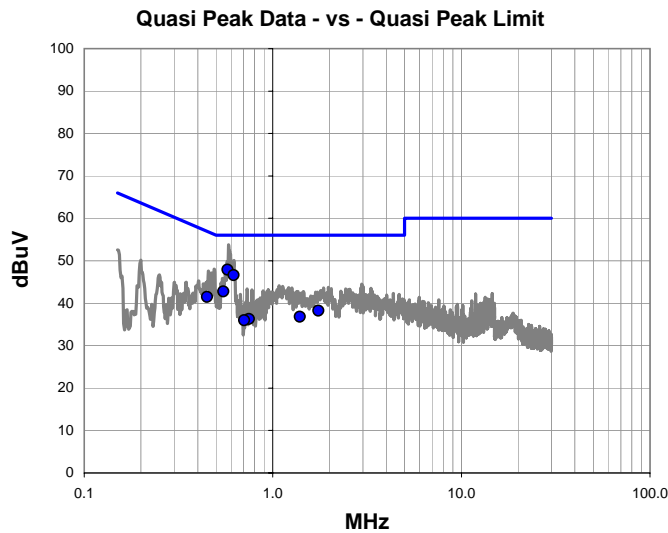
Freq (MHz)	Amplitude (dBuV)	Factor (dB)	Adjusted (dBuV)	Spec. Limit (dBuV)	Compared to Spec. (dB)
0.589	15.7	20.3	36.0	46.0	-10.0
0.600	14.4	20.3	34.7	46.0	-11.3
0.495	9.8	20.3	30.1	46.1	-16.0
1.260	8.7	20.4	29.1	46.0	-16.9
1.140	8.3	20.4	28.7	46.0	-17.3
0.250	13.3	20.3	33.6	51.8	-18.2

Powerline Conducted Emissions

Work Order:	INSD0003	Date:	11/11/13	
Project:	None	Temperature:	20.2 °C	
Job Site:	EV07	Humidity:	40% RH	
Serial Number:	99	Barometric Pres.:	1020.3 mbar	
EUT:	The EGG			
Configuration:	2			
Customer:	Intel Corporation			
Attendees:	None			
EUT Power:	110VAC/60Hz			
Operating Mode:	On, Tx BT DH5 Mid Ch. 2440 MHz (The radio was operated with the customer's test software for the modes tested)			
Deviations:	None			
Comments:	None			

Test Specifications	Test Method
FCC 15.207:2013	ANSI C63.10:2009

Run #	6	Line:	High Line	Ext. Attenuation:	20	Results	Pass
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Quasi Peak Data - vs - Quasi Peak Limit

Freq (MHz)	Amplitude (dBuV)	Factor (dB)	Adjusted (dBuV)	Spec. Limit (dBuV)	Compared to Spec. (dB)
0.576	27.6	20.3	47.9	56.0	-8.1
0.620	26.3	20.3	46.6	56.0	-9.4
0.548	22.5	20.3	42.8	56.0	-13.2
0.449	21.2	20.3	41.5	56.9	-15.4
1.748	17.8	20.4	38.2	56.0	-17.8
1.392	16.4	20.4	36.8	56.0	-19.2
0.748	16.0	20.3	36.3	56.0	-19.7
0.705	15.7	20.3	36.0	56.0	-20.0

Average Data - vs - Average Limit

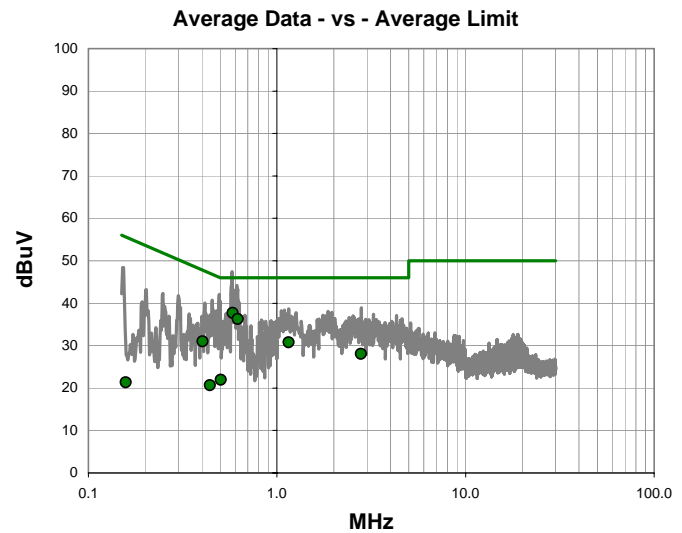
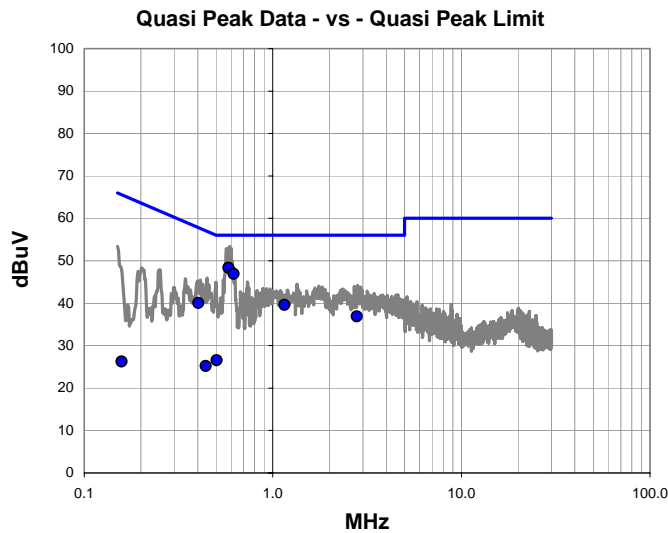
Freq (MHz)	Amplitude (dBuV)	Factor (dB)	Adjusted (dBuV)	Spec. Limit (dBuV)	Compared to Spec. (dB)
0.576	17.0	20.3	37.3	46.0	-8.7
0.620	16.2	20.3	36.5	46.0	-9.5
0.548	11.5	20.3	31.8	46.0	-14.2
0.449	11.9	20.3	32.2	46.9	-14.7
1.748	9.0	20.4	29.4	46.0	-16.6
1.392	7.5	20.4	27.9	46.0	-18.1
0.748	6.5	20.3	26.8	46.0	-19.2
0.705	5.2	20.3	25.5	46.0	-20.5

Powerline Conducted Emissions

Work Order:	INSD0003	Date:	11/11/13	
Project:	None	Temperature:	20.2 °C	
Job Site:	EV07	Humidity:	40% RH	
Serial Number:	99	Barometric Pres.:	1020.3 mbar	
EUT:	The EGG			
Configuration:	2			
Customer:	Intel Corporation			
Attendees:	None			
EUT Power:	110VAC/60Hz			
Operating Mode:	On, Tx BT DH5 High Ch. 2480 MHz (The radio was operated with the customer's test software for the modes tested)			
Deviations:	None			
Comments:	None			

Test Specifications	Test Method
FCC 15.207:2013	ANSI C63.10:2009

Run #	7	Line:	High Line	Ext. Attenuation:	20	Results	Pass
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Quasi Peak Data - vs - Quasi Peak Limit

Freq (MHz)	Amplitude (dBuV)	Factor (dB)	Adjusted (dBuV)	Spec. Limit (dBuV)	Compared to Spec. (dB)
0.582	28.1	20.3	48.4	56.0	-7.6
0.620	26.6	20.3	46.9	56.0	-9.1
1.152	19.2	20.4	39.6	56.0	-16.4
0.403	19.8	20.3	40.1	57.8	-17.7
2.792	16.4	20.5	36.9	56.0	-19.1
0.505	6.3	20.3	26.6	56.0	-29.4
0.442	4.9	20.3	25.2	57.0	-31.9
0.158	5.9	20.4	26.3	65.6	-39.3

Average Data - vs - Average Limit

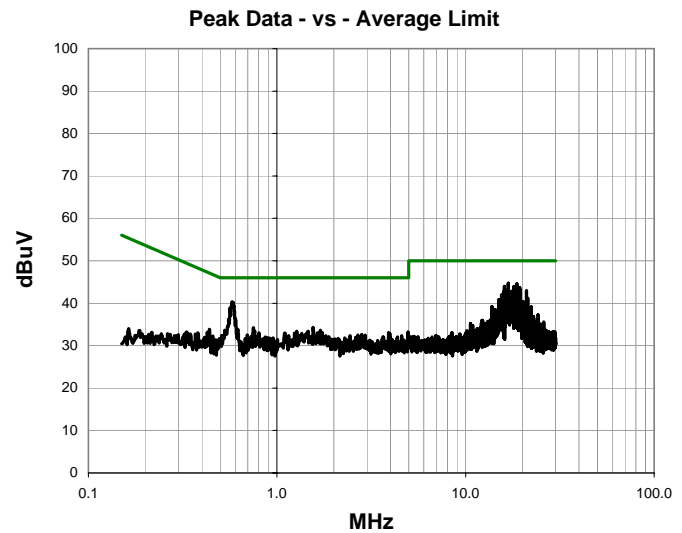
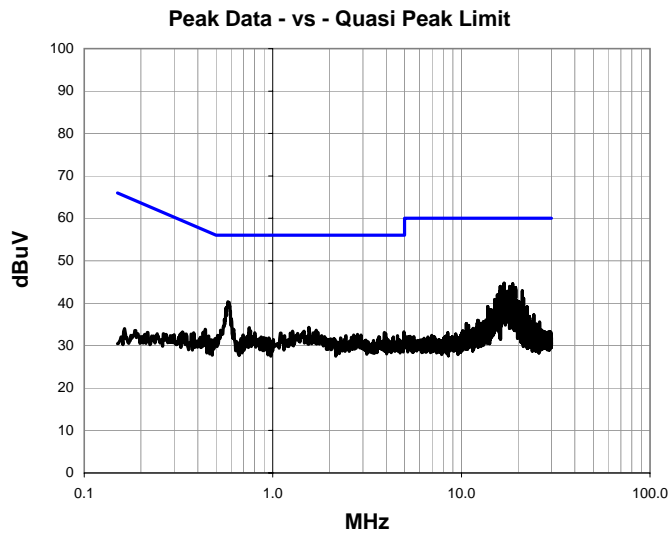
Freq (MHz)	Amplitude (dBuV)	Factor (dB)	Adjusted (dBuV)	Spec. Limit (dBuV)	Compared to Spec. (dB)
0.582	17.4	20.3	37.7	46.0	-8.3
0.620	16.0	20.3	36.3	46.0	-9.7
1.152	10.4	20.4	30.8	46.0	-15.2
0.403	10.7	20.3	31.0	47.8	-16.8
2.792	7.6	20.5	28.1	46.0	-17.9
0.505	1.7	20.3	22.0	46.0	-24.0
0.442	0.4	20.3	20.7	47.0	-26.4
0.158	1.0	20.4	21.4	55.6	-34.2

Powerline Conducted Emissions

Work Order:	INSD0003	Date:	11/11/13	
Project:	None	Temperature:	20.2 °C	
Job Site:	EV07	Humidity:	40% RH	
Serial Number:	99	Barometric Pres.:	1020.3 mbar	
EUT:	The EGG			
Configuration:	2			
Customer:	Intel Corporation			
Attendees:	None			
EUT Power:	110VAC/60Hz			
Operating Mode:	On, Tx BT DH5 High Ch. 2480 MHz (The radio was operated with the customer's test software for the modes tested)			
Deviations:	None			
Comments:	None			

Test Specifications	Test Method
FCC 15.207:2013	ANSI C63.10:2009

Run #	8	Line:	Neutral	Ext. Attenuation:	20	Results	Pass
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Peak Data - vs - Quasi Peak Limit

Freq (MHz)	Amplitude (dBuV)	Factor (dB)	Adjusted (dBuV)	Spec. Limit (dBuV)	Compared to Spec. (dB)
16.820	23.4	21.3	44.7	60.0	-15.3
18.720	23.1	21.4	44.5	60.0	-15.5
0.578	20.1	20.3	40.4	56.0	-15.6
18.040	22.6	21.4	44.0	60.0	-16.0
16.050	22.7	21.2	43.9	60.0	-16.1
19.360	22.2	21.5	43.7	60.0	-16.3
18.930	22.1	21.5	43.6	60.0	-16.4
16.100	21.9	21.3	43.2	60.0	-16.8
18.680	21.7	21.4	43.1	60.0	-16.9

Peak Data - vs - Average Limit

Freq (MHz)	Amplitude (dBuV)	Factor (dB)	Adjusted (dBuV)	Spec. Limit (dBuV)	Compared to Spec. (dB)
16.820	23.4	21.3	44.7	50.0	-5.3
18.720	23.1	21.4	44.5	50.0	-5.5
0.578	20.1	20.3	40.4	46.0	-5.6
18.040	22.6	21.4	44.0	50.0	-6.0
16.050	22.7	21.2	43.9	50.0	-6.1
19.360	22.2	21.5	43.7	50.0	-6.3
18.930	22.1	21.5	43.6	50.0	-6.4
16.100	21.9	21.3	43.2	50.0	-6.8
18.680	21.7	21.4	43.1	50.0	-6.9

Freq (MHz)	Amplitude (dBuV)	Factor (dB)	Adjusted (dBuV)	Spec. Limit (dBuV)	Compared to Spec. (dB)
16.730	21.8	21.3	43.1	60.0	-16.9
16.300	21.7	21.3	43.0	60.0	-17.0
21.020	21.4	21.5	42.9	60.0	-17.1
17.480	21.5	21.4	42.9	60.0	-17.1
16.000	21.6	21.2	42.8	60.0	-17.2
16.150	21.3	21.3	42.6	60.0	-17.4
15.890	21.1	21.2	42.3	60.0	-17.7
16.800	21.0	21.3	42.3	60.0	-17.7
16.770	20.7	21.3	42.0	60.0	-18.0
15.540	20.8	21.2	42.0	60.0	-18.0
16.200	20.7	21.3	42.0	60.0	-18.0
16.630	20.4	21.3	41.7	60.0	-18.3
17.810	20.2	21.4	41.6	60.0	-18.4
17.040	20.2	21.3	41.5	60.0	-18.5
21.350	19.7	21.5	41.2	60.0	-18.8
15.800	19.9	21.2	41.1	60.0	-18.9
18.290	19.6	21.4	41.0	60.0	-19.0
17.260	19.6	21.3	40.9	60.0	-19.1
17.190	19.6	21.3	40.9	60.0	-19.1
18.260	19.5	21.4	40.9	60.0	-19.1
15.020	19.7	21.2	40.9	60.0	-19.1
15.840	19.6	21.2	40.8	60.0	-19.2
15.380	19.5	21.2	40.7	60.0	-19.3
19.620	19.2	21.5	40.7	60.0	-19.3
16.400	19.4	21.3	40.7	60.0	-19.3
15.950	19.4	21.2	40.6	60.0	-19.4
18.120	19.2	21.4	40.6	60.0	-19.4
16.250	19.3	21.3	40.6	60.0	-19.4
15.650	19.3	21.2	40.5	60.0	-19.5
17.880	19.1	21.4	40.5	60.0	-19.5
17.310	19.1	21.4	40.5	60.0	-19.5
17.100	19.1	21.3	40.4	60.0	-19.6
20.180	18.9	21.5	40.4	60.0	-19.6
16.340	19.1	21.3	40.4	60.0	-19.6
16.930	19.0	21.3	40.3	60.0	-19.7
15.140	19.1	21.2	40.3	60.0	-19.7
20.000	18.7	21.5	40.2	60.0	-19.8
17.960	18.7	21.4	40.1	60.0	-19.9
18.460	18.6	21.4	40.0	60.0	-20.0
18.800	18.5	21.4	39.9	60.0	-20.1
15.750	18.7	21.2	39.9	60.0	-20.1
19.540	18.3	21.5	39.8	60.0	-20.2
17.290	18.4	21.3	39.7	60.0	-20.3
20.040	18.2	21.5	39.7	60.0	-20.3
15.330	18.4	21.2	39.6	60.0	-20.4
20.010	18.0	21.5	39.5	60.0	-20.5
19.030	18.0	21.5	39.5	60.0	-20.5
19.010	17.8	21.5	39.3	60.0	-20.7
13.780	18.1	21.1	39.2	60.0	-20.8
22.280	17.6	21.5	39.1	60.0	-20.9
16.480	17.8	21.3	39.1	60.0	-20.9
20.310	17.5	21.5	39.0	60.0	-21.0
20.260	17.5	21.5	39.0	60.0	-21.0
19.580	17.2	21.5	38.7	60.0	-21.3
14.480	17.3	21.2	38.5	60.0	-21.5
14.180	17.3	21.1	38.4	60.0	-21.6
19.300	16.9	21.5	38.4	60.0	-21.6
1.552	13.9	20.4	34.3	56.0	-21.7
19.920	16.8	21.5	38.3	60.0	-21.7
0.750	13.9	20.3	34.2	56.0	-21.8
19.810	16.5	21.5	38.0	60.0	-22.0
19.500	16.5	21.5	38.0	60.0	-22.0
19.190	16.5	21.5	38.0	60.0	-22.0
19.130	16.4	21.5	37.9	60.0	-22.1
21.820	16.3	21.5	37.8	60.0	-22.2
14.890	16.6	21.2	37.8	60.0	-22.2
14.760	16.6	21.2	37.8	60.0	-22.2
1.696	13.2	20.4	33.6	56.0	-22.4
20.430	16.1	21.5	37.6	60.0	-22.4
20.500	16.0	21.5	37.5	60.0	-22.5
14.790	16.3	21.2	37.5	60.0	-22.5
1.464	13.0	20.4	33.4	56.0	-22.6
19.980	15.9	21.5	37.4	60.0	-22.6
1.272	13.0	20.4	33.4	56.0	-22.6
14.340	16.2	21.2	37.4	60.0	-22.6
4.952	12.6	20.7	33.3	56.0	-22.7

Freq (MHz)	Amplitude (dBuV)	Factor (dB)	Adjusted (dBuV)	Spec. Limit (dBuV)	Compared to Spec. (dB)
16.730	21.8	21.3	43.1	50.0	-6.9
16.300	21.7	21.3	43.0	50.0	-7.0
21.020	21.4	21.5	42.9	50.0	-7.1
17.480	21.5	21.4	42.9	50.0	-7.1
16.000	21.6	21.2	42.8	50.0	-7.2
16.150	21.3	21.3	42.6	50.0	-7.4
15.890	21.1	21.2	42.3	50.0	-7.7
16.800	21.0	21.3	42.3	50.0	-7.7
16.770	20.7	21.3	42.0	50.0	-8.0
15.540	20.8	21.2	42.0	50.0	-8.0
16.200	20.7	21.3	42.0	50.0	-8.0
16.630	20.4	21.3	41.7	50.0	-8.3
17.810	20.2	21.4	41.6	50.0	-8.4
17.040	20.2	21.3	41.5	50.0	-8.5
21.350	19.7	21.5	41.2	50.0	-8.8
15.800	19.9	21.2	41.1	50.0	-8.9
18.290	19.6	21.4	41.0	50.0	-9.0
17.260	19.6	21.3	40.9	50.0	-9.1
17.190	19.6	21.3	40.9	50.0	-9.1
18.260	19.5	21.4	40.9	50.0	-9.1
15.020	19.7	21.2	40.9	50.0	-9.1
15.840	19.6	21.2	40.8	50.0	-9.2
15.380	19.5	21.2	40.7	50.0	-9.3
19.620	19.2	21.5	40.7	50.0	-9.3
16.400	19.4	21.3	40.7	50.0	-9.3
15.950	19.4	21.2	40.6	50.0	-9.4
18.120	19.2	21.4	40.6	50.0	-9.4
16.250	19.3	21.3	40.6	50.0	-9.4
15.650	19.3	21.2	40.5	50.0	-9.5
17.880	19.1	21.4	40.5	50.0	-9.5
17.310	19.1	21.4	40.5	50.0	-9.5
17.100	19.1	21.3	40.4	50.0	-9.6
20.180	18.9	21.5	40.4	50.0	-9.6
16.340	19.1	21.3	40.4	50.0	-9.6
16.930	19.0	21.3	40.3	50.0	-9.7
15.140	19.1	21.2	40.3	50.0	-9.7
20.000	18.7	21.5	40.2	50.0	-9.8
17.960	18.7	21.4	40.1	50.0	-9.9
18.460	18.6	21.4	40.0	50.0	-10.0
18.800	18.5	21.4	39.9	50.0	-10.1
15.750	18.7	21.2	39.9	50.0	-10.1
19.540	18.3	21.5	39.8	50.0	-10.2
17.290	18.4	21.3	39.7	50.0	-10.3
20.040	18.2	21.5	39.7	50.0	-10.3
15.330	18.4	21.2	39.6	50.0	-10.4
20.010	18.0	21.5	39.5	50.0	-10.5
19.030	18.0	21.5	39.5	50.0	-10.5
19.010	17.8	21.5	39.3	50.0	-10.7
13.780	18.1	21.1	39.2	50.0	-10.8
22.280	17.6	21.5	39.1	50.0	-10.9
16.480	17.8	21.3	39.1	50.0	-10.9
20.310	17.5	21.5	39.0	50.0	-11.0
20.260	17.5	21.5	39.0	50.0	-11.0
19.580	17.2	21.5	38.7	50.0	-11.3
14.480	17.3	21.2	38.5	50.0	-11.5
14.180	17.3	21.1	38.4	50.0	-11.6
19.300	16.9	21.5	38.4	50.0	-11.6
1.552	13.9	20.4	34.3	46.0	-11.7
19.920	16.8	21.5	38.3	50.0	-11.7
0.750	13.9	20.3	34.2	46.0	-11.8
19.810	16.5	21.5	38.0	50.0	-12.0
19.500	16.5	21.5	38.0	50.0	-12.0
19.190	16.5	21.5	38.0	50.0	-12.0
19.130	16.4	21.5	37.9	50.0	-12.1
21.820	16.3	21.5	37.8	50.0	-12.2
14.890	16.6	21.2	37.8	50.0	-12.2
14.760	16.6	21.2	37.8	50.0	-12.2
1.696	13.2	20.4	33.6	46.0	-12.4
20.430	16.1	21.5	37.6	50.0	-12.4
20.500	16.0	21.5	37.5	50.0	-12.5
14.790	16.3	21.2	37.5	50.0	-12.5
1.464	13.0	20.4	33.4	46.0	-12.6
19.980	15.9	21.5	37.4	50.0	-12.6
1.272	13.0	20.4	33.4	46.0	-12.6
14.340	16.2	21.2	37.4	50.0	-12.6
4.952	12.6	20.7	33.3	46.0	-12.7

Freq (MHz)	Amplitude (dBuV)	Factor (dB)	Adjusted (dBuV)	Spec. Limit (dBuV)	Compared to Spec. (dB)
13.910	16.1	21.1	37.2	60.0	-22.8
24.240	15.6	21.6	37.2	60.0	-22.8
20.840	15.7	21.5	37.2	60.0	-22.8
20.790	15.7	21.5	37.2	60.0	-22.8
14.580	16.0	21.2	37.2	60.0	-22.8
3.904	12.6	20.5	33.1	56.0	-22.9
0.803	12.7	20.3	33.0	56.0	-23.0
20.620	15.5	21.5	37.0	60.0	-23.0
1.104	12.6	20.3	32.9	56.0	-23.1
21.140	15.4	21.5	36.9	60.0	-23.1
22.930	15.3	21.6	36.9	60.0	-23.1
3.960	12.3	20.5	32.8	56.0	-23.2
20.150	15.3	21.5	36.8	60.0	-23.2
0.437	13.6	20.3	33.9	57.1	-23.3
21.660	15.2	21.5	36.7	60.0	-23.3
21.170	15.2	21.5	36.7	60.0	-23.3
21.100	15.2	21.5	36.7	60.0	-23.3
20.920	15.2	21.5	36.7	60.0	-23.3
2.808	12.2	20.5	32.7	56.0	-23.3
21.280	15.1	21.5	36.6	60.0	-23.4
24.030	14.9	21.6	36.5	60.0	-23.5
21.860	15.0	21.5	36.5	60.0	-23.5
2.936	12.0	20.5	32.5	56.0	-23.5
0.697	12.2	20.3	32.5	56.0	-23.5
2.688	12.0	20.5	32.5	56.0	-23.5
4.576	11.7	20.7	32.4	56.0	-23.6
2.440	11.9	20.5	32.4	56.0	-23.6
3.656	11.6	20.5	32.1	56.0	-23.9
0.867	11.7	20.3	32.0	56.0	-24.0
4.360	11.4	20.6	32.0	56.0	-24.0
13.450	14.9	21.1	36.0	60.0	-24.0
12.220	15.0	21.0	36.0	60.0	-24.0
14.090	14.8	21.1	35.9	60.0	-24.1
0.896	11.6	20.3	31.9	56.0	-24.1
12.340	14.9	21.0	35.9	60.0	-24.1
22.970	14.3	21.6	35.9	60.0	-24.1
2.288	11.4	20.5	31.9	56.0	-24.1
0.427	12.9	20.3	33.2	57.3	-24.1
0.954	11.5	20.3	31.8	56.0	-24.2
22.170	14.3	21.5	35.8	60.0	-24.2
23.140	14.2	21.6	35.8	60.0	-24.2
13.980	14.6	21.1	35.7	60.0	-24.3
13.300	14.6	21.1	35.7	60.0	-24.3
0.679	11.4	20.3	31.7	56.0	-24.3
13.070	14.5	21.1	35.6	60.0	-24.4
26.020	13.8	21.8	35.6	60.0	-24.4
13.740	14.4	21.1	35.5	60.0	-24.5
0.458	12.0	20.3	32.3	56.7	-24.5
21.950	14.0	21.5	35.5	60.0	-24.5
4.080	10.9	20.5	31.4	56.0	-24.6
12.120	14.3	21.0	35.3	60.0	-24.7
10.620	14.3	20.9	35.2	60.0	-24.8
12.620	14.2	21.0	35.2	60.0	-24.8
13.610	14.0	21.1	35.1	60.0	-24.9
25.070	13.4	21.7	35.1	60.0	-24.9
13.350	13.9	21.1	35.0	60.0	-25.0
13.640	13.8	21.1	34.9	60.0	-25.1
0.471	11.1	20.3	31.4	56.5	-25.1
12.490	13.8	21.0	34.8	60.0	-25.2
0.381	12.8	20.3	33.1	58.3	-25.2
10.920	13.8	21.0	34.8	60.0	-25.2
13.560	13.6	21.1	34.7	60.0	-25.3
23.600	13.0	21.6	34.6	60.0	-25.4
10.850	13.6	21.0	34.6	60.0	-25.4
22.510	13.0	21.5	34.5	60.0	-25.5
22.140	13.0	21.5	34.5	60.0	-25.5
21.750	13.0	21.5	34.5	60.0	-25.5
12.770	13.4	21.1	34.5	60.0	-25.5
12.430	13.4	21.0	34.4	60.0	-25.6
25.790	12.6	21.7	34.3	60.0	-25.7
11.970	13.3	21.0	34.3	60.0	-25.7
0.369	12.5	20.3	32.8	58.5	-25.8
22.230	12.6	21.5	34.1	60.0	-25.9
21.500	12.6	21.5	34.1	60.0	-25.9
11.510	13.1	21.0	34.1	60.0	-25.9
13.040	12.9	21.1	34.0	60.0	-26.0

Freq (MHz)	Amplitude (dBuV)	Factor (dB)	Adjusted (dBuV)	Spec. Limit (dBuV)	Compared to Spec. (dB)
13.910	16.1	21.1	37.2	50.0	-12.8
24.240	15.6	21.6	37.2	50.0	-12.8
20.840	15.7	21.5	37.2	50.0	-12.8
20.790	15.7	21.5	37.2	50.0	-12.8
14.580	16.0	21.2	37.2	50.0	-12.8
3.904	12.6	20.5	33.1	46.0	-12.9
0.803	12.7	20.3	33.0	46.0	-13.0
20.620	15.5	21.5	37.0	50.0	-13.0
1.104	12.6	20.3	32.9	46.0	-13.1
21.140	15.4	21.5	36.9	50.0	-13.1
22.930	15.3	21.6	36.9	50.0	-13.1
3.960	12.3	20.5	32.8	46.0	-13.2
20.150	15.3	21.5	36.8	50.0	-13.2
0.437	13.6	20.3	33.9	47.1	-13.3
21.660	15.2	21.5	36.7	50.0	-13.3
21.170	15.2	21.5	36.7	50.0	-13.3
21.100	15.2	21.5	36.7	50.0	-13.3
20.920	15.2	21.5	36.7	50.0	-13.3
2.808	12.2	20.5	32.7	46.0	-13.3
21.280	15.1	21.5	36.6	50.0	-13.4
24.030	14.9	21.6	36.5	50.0	-13.5
21.860	15.0	21.5	36.5	50.0	-13.5
2.936	12.0	20.5	32.5	46.0	-13.5
0.697	12.2	20.3	32.5	46.0	-13.5
2.688	12.0	20.5	32.5	46.0	-13.5
4.576	11.7	20.7	32.4	46.0	-13.6
2.440	11.9	20.5	32.4	46.0	-13.6
3.656	11.6	20.5	32.1	46.0	-13.9
0.867	11.7	20.3	32.0	46.0	-14.0
4.360	11.4	20.6	32.0	46.0	-14.0
13.450	14.9	21.1	36.0	50.0	-14.0
12.220	15.0	21.0	36.0	50.0	-14.0
14.090	14.8	21.1	35.9	50.0	-14.1
0.896	11.6	20.3	31.9	46.0	-14.1
12.340	14.9	21.0	35.9	50.0	-14.1
22.970	14.3	21.6	35.9	50.0	-14.1
2.288	11.4	20.5	31.9	46.0	-14.1
0.427	12.9	20.3	33.2	47.3	-14.1
0.954	11.5	20.3	31.8	46.0	-14.2
22.170	14.3	21.5	35.8	50.0	-14.2
23.140	14.2	21.6	35.8	50.0	-14.2
13.980	14.6	21.1	35.7	50.0	-14.3
13.300	14.6	21.1	35.7	50.0	-14.3
0.679	11.4	20.3	31.7	46.0	-14.3
13.070	14.5	21.1	35.6	50.0	-14.4
26.020	13.8	21.8	35.6	50.0	-14.4
13.740	14.4	21.1	35.5	50.0	-14.5
0.458	12.0	20.3	32.3	46.7	-14.5
21.950	14.0	21.5	35.5	50.0	-14.5
4.080	10.9	20.5	31.4	46.0	-14.6
12.120	14.3	21.0	35.3	50.0	-14.7
10.620	14.3	20.9	35.2	50.0	-14.8
12.620	14.2	21.0	35.2	50.0	-14.8
13.610	14.0	21.1	35.1	50.0	-14.9
25.070	13.4	21.7	35.1	50.0	-14.9
13.350	13.9	21.1	35.0	50.0	-15.0
13.640	13.8	21.1	34.9	50.0	-15.1
0.471	11.1	20.3	31.4	46.5	-15.1
12.490	13.8	21.0	34.8	50.0	-15.2
0.381	12.8	20.3	33.1	48.3	-15.2
10.920	13.8	21.0	34.8	50.0	-15.2
13.560	13.6	21.1	34.7	50.0	-15.3
23.600	13.0	21.6	34.6	50.0	-15.4
10.850	13.6	21.0	34.6	50.0	-15.4
22.510	13.0	21.5	34.5	50.0	-15.5
22.140	13.0	21.5	34.5	50.0	-15.5
21.750	13.0	21.5	34.5	50.0	-15.5
12.770	13.4	21.1	34.5	50.0	-15.5
12.430	13.4	21.0	34.4	50.0	-15.6
25.790	12.6	21.7	34.3	50.0	-15.7
11.970	13.3	21.0	34.3	50.0	-15.7
0.369	12.5	20.3	32.8	48.5	-15.8
22.230	12.6	21.5	34.1	50.0	-15.9
21.500	12.6	21.5	34.1	50.0	-15.9
11.510	13.1	21.0	34.1	50.0	-15.9
13.040	12.9	21.1	34.0	50.0	-16.0

Freq (MHz)	Amplitude (dBuV)	Factor (dB)	Adjusted (dBuV)	Spec. Limit (dBuV)	Compared to Spec. (dB)
24.540	12.3	21.7	34.0	60.0	-26.0
12.160	12.9	21.0	33.9	60.0	-26.1
25.520	12.1	21.7	33.8	60.0	-26.2
24.390	12.1	21.6	33.7	60.0	-26.3
0.330	12.9	20.3	33.2	59.4	-26.3
12.900	12.6	21.1	33.7	60.0	-26.3
26.710	11.8	21.8	33.6	60.0	-26.4
11.910	12.6	21.0	33.6	60.0	-26.4
11.190	12.6	21.0	33.6	60.0	-26.4
10.190	12.6	20.9	33.5	60.0	-26.5
26.100	11.7	21.8	33.5	60.0	-26.5
11.740	12.5	21.0	33.5	60.0	-26.5
25.870	11.7	21.8	33.5	60.0	-26.5
26.560	11.6	21.8	33.4	60.0	-26.6
29.380	11.4	22.0	33.4	60.0	-26.6
22.720	11.8	21.6	33.4	60.0	-26.6
24.190	11.7	21.6	33.3	60.0	-26.7
23.770	11.7	21.6	33.3	60.0	-26.7
11.470	12.3	21.0	33.3	60.0	-26.7
24.110	11.6	21.6	33.2	60.0	-26.8
27.760	11.3	21.9	33.2	60.0	-26.8
29.760	11.2	22.0	33.2	60.0	-26.8
27.230	11.3	21.9	33.2	60.0	-26.8
27.150	11.3	21.9	33.2	60.0	-26.8
28.850	11.2	22.0	33.2	60.0	-26.8
28.380	11.2	21.9	33.1	60.0	-26.9
26.890	11.3	21.8	33.1	60.0	-26.9
26.730	11.3	21.8	33.1	60.0	-26.9
26.220	11.3	21.8	33.1	60.0	-26.9
10.050	12.1	20.9	33.0	60.0	-27.0
8.460	12.2	20.8	33.0	60.0	-27.0
11.340	12.0	21.0	33.0	60.0	-27.0
24.720	11.3	21.7	33.0	60.0	-27.0
29.330	10.9	22.0	32.9	60.0	-27.1
23.940	11.2	21.6	32.8	60.0	-27.2
25.330	11.1	21.7	32.8	60.0	-27.2
11.590	11.8	21.0	32.8	60.0	-27.2
28.600	10.8	21.9	32.7	60.0	-27.3
9.340	11.8	20.9	32.7	60.0	-27.3
10.350	11.7	20.9	32.6	60.0	-27.4
29.940	10.6	22.0	32.6	60.0	-27.4
10.670	11.6	20.9	32.5	60.0	-27.5
28.060	10.6	21.9	32.5	60.0	-27.5
9.930	11.6	20.9	32.5	60.0	-27.5
8.390	11.7	20.8	32.5	60.0	-27.5
6.970	11.7	20.8	32.5	60.0	-27.5
24.480	10.8	21.6	32.4	60.0	-27.6
5.340	11.5	20.7	32.2	60.0	-27.8
8.320	11.4	20.8	32.2	60.0	-27.8
8.940	11.3	20.9	32.2	60.0	-27.8
7.140	11.4	20.8	32.2	60.0	-27.8
9.440	11.2	20.9	32.1	60.0	-27.9
5.590	11.4	20.7	32.1	60.0	-27.9
7.200	11.3	20.8	32.1	60.0	-27.9
6.930	11.3	20.8	32.1	60.0	-27.9
6.640	11.3	20.7	32.0	60.0	-28.0
8.110	11.2	20.8	32.0	60.0	-28.0
8.630	11.1	20.8	31.9	60.0	-28.1
9.560	11.0	20.9	31.9	60.0	-28.1
7.020	11.1	20.8	31.9	60.0	-28.1
8.070	11.0	20.8	31.8	60.0	-28.2
6.350	11.0	20.7	31.7	60.0	-28.3
9.870	10.6	20.9	31.5	60.0	-28.5
7.620	10.6	20.8	31.4	60.0	-28.6
0.164	13.7	20.3	34.0	65.3	-31.2

Freq (MHz)	Amplitude (dBuV)	Factor (dB)	Adjusted (dBuV)	Spec. Limit (dBuV)	Compared to Spec. (dB)
24.540	12.3	21.7	34.0	50.0	-16.0
12.160	12.9	21.0	33.9	50.0	-16.1
25.520	12.1	21.7	33.8	50.0	-16.2
24.390	12.1	21.6	33.7	50.0	-16.3
0.330	12.9	20.3	33.2	49.4	-16.3
12.900	12.6	21.1	33.7	50.0	-16.3
26.710	11.8	21.8	33.6	50.0	-16.4
11.910	12.6	21.0	33.6	50.0	-16.4
11.190	12.6	21.0	33.6	50.0	-16.4
10.190	12.6	20.9	33.5	50.0	-16.5
26.100	11.7	21.8	33.5	50.0	-16.5
11.740	12.5	21.0	33.5	50.0	-16.5
25.870	11.7	21.8	33.5	50.0	-16.5
26.560	11.6	21.8	33.4	50.0	-16.6
29.380	11.4	22.0	33.4	50.0	-16.6
22.720	11.8	21.6	33.4	50.0	-16.6
24.190	11.7	21.6	33.3	50.0	-16.7
23.770	11.7	21.6	33.3	50.0	-16.7
11.470	12.3	21.0	33.3	50.0	-16.7
24.110	11.6	21.6	33.2	50.0	-16.8
27.760	11.3	21.9	33.2	50.0	-16.8
29.760	11.2	22.0	33.2	50.0	-16.8
27.230	11.3	21.9	33.2	50.0	-16.8
27.150	11.3	21.9	33.2	50.0	-16.8
28.850	11.2	22.0	33.2	50.0	-16.8
28.380	11.2	21.9	33.1	50.0	-16.9
26.890	11.3	21.8	33.1	50.0	-16.9
26.730	11.3	21.8	33.1	50.0	-16.9
26.220	11.3	21.8	33.1	50.0	-16.9
10.050	12.1	20.9	33.0	50.0	-17.0
8.460	12.2	20.8	33.0	50.0	-17.0
11.340	12.0	21.0	33.0	50.0	-17.0
24.720	11.3	21.7	33.0	50.0	-17.0
29.330	10.9	22.0	32.9	50.0	-17.1
23.940	11.2	21.6	32.8	50.0	-17.2
25.330	11.1	21.7	32.8	50.0	-17.2
11.590	11.8	21.0	32.8	50.0	-17.2
28.600	10.8	21.9	32.7	50.0	-17.3
9.340	11.8	20.9	32.7	50.0	-17.3
10.350	11.7	20.9	32.6	50.0	-17.4
29.940	10.6	22.0	32.6	50.0	-17.4
10.670	11.6	20.9	32.5	50.0	-17.5
28.060	10.6	21.9	32.5	50.0	-17.5
9.930	11.6	20.9	32.5	50.0	-17.5
8.390	11.7	20.8	32.5	50.0	-17.5
6.970	11.7	20.8	32.5	50.0	-17.5
24.480	10.8	21.6	32.4	50.0	-17.6
5.340	11.5	20.7	32.2	50.0	-17.8
8.320	11.4	20.8	32.2	50.0	-17.8
8.940	11.3	20.9	32.2	50.0	-17.8
7.140	11.4	20.8	32.2	50.0	-17.8
9.440	11.2	20.9	32.1	50.0	-17.9
5.590	11.4	20.7	32.1	50.0	-17.9
7.200	11.3	20.8	32.1	50.0	-17.9
6.930	11.3	20.8	32.1	50.0	-17.9
6.640	11.3	20.7	32.0	50.0	-18.0
8.110	11.2	20.8	32.0	50.0	-18.0
8.630	11.1	20.8	31.9	50.0	-18.1
9.560	11.0	20.9	31.9	50.0	-18.1
7.020	11.1	20.8	31.9	50.0	-18.1
8.070	11.0	20.8	31.8	50.0	-18.2
6.350	11.0	20.7	31.7	50.0	-18.3
9.870	10.6	20.9	31.5	50.0	-18.5
7.620	10.6	20.8	31.4	50.0	-18.6
0.164	13.7	20.3	34.0	55.3	-21.2