

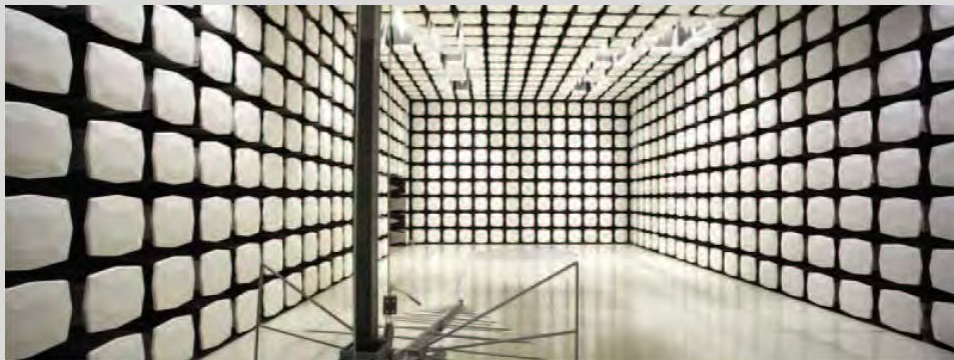


Microsoft Corporation
Model 1631

FCC 15.247:2014

FCC 15.207:2014

Report #: MCSO1698 PART 6 OF 7



Report Prepared By Northwest EMC Inc.

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

California – Minnesota – Oregon – New York – Washington

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 (mo.)
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
EV06 Direct Connect Cable	ESM Cable Corp.	TT	ECA	NCR	0
Power Meter	Agilent	N1913A	SQR	4/29/2013	36
Power Sensor	Agilent	E9300H	SQO	4/29/2013	36
Attenuator, 6dB	S.M. Electronics	18N-06	AWN	2/3/2014	12
MXG Analog Signal Generator	Agilent	N5181A	TIG	3/28/2014	36
Spectrum Analyzer	Agilent	E4446A	AAQ	1/21/2014	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. For each transmit frequency, the spectrum was scanned throughout the specified frequency range.

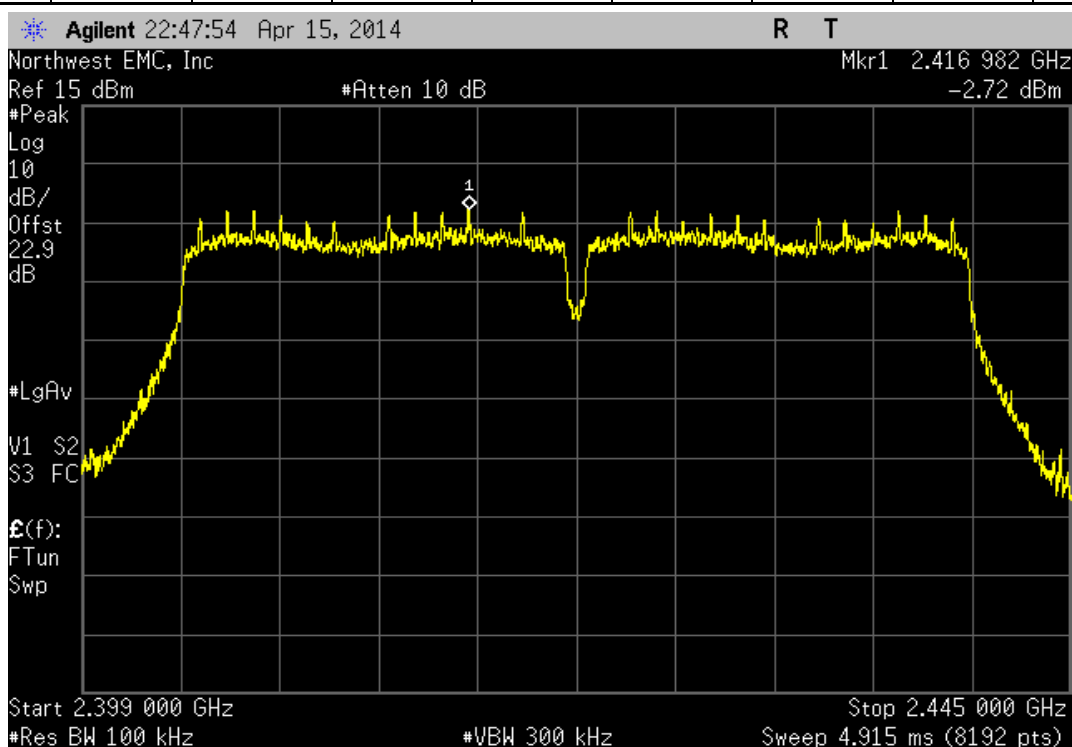


SPURIOUS CONDUCTED EMISSIONS

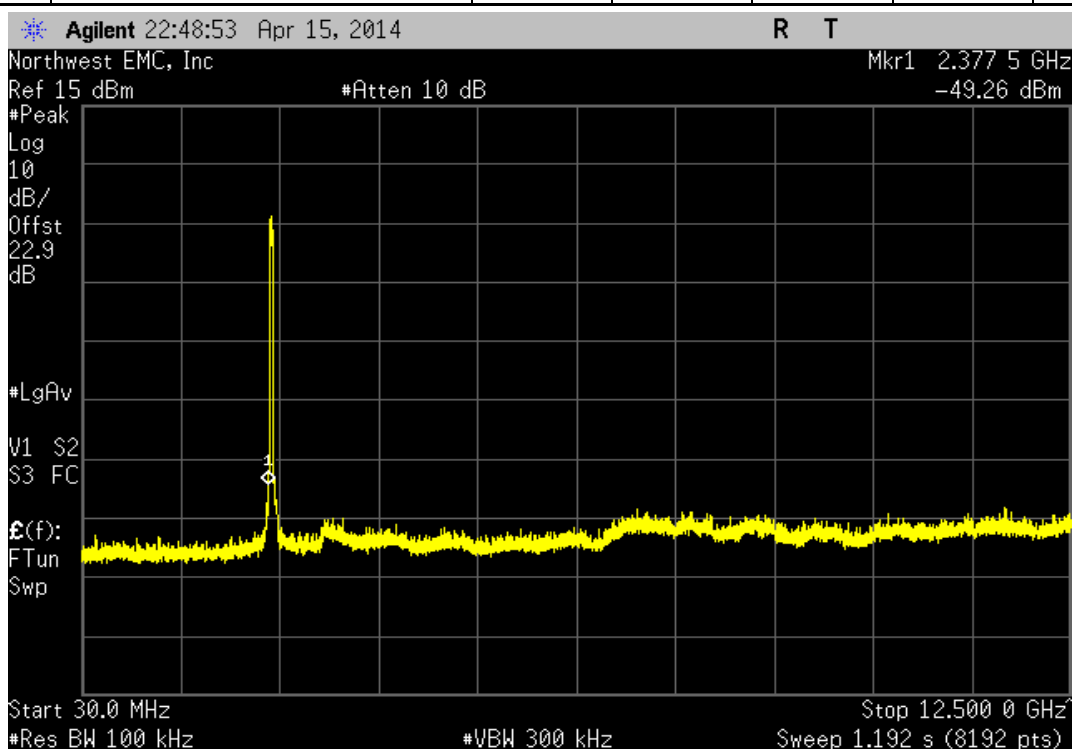
XMIT 2013.08.15
PsaTx 2014.04.01

EUT: Model 1631		Work Order: MCSO1698	
Serial Number: 006840341053		Date: 04/16/14	
Customer: Microsoft Corporation		Temperature: 22.3°C	
Attendees: None		Humidity: 32%	
Project: None		Barometric Pres.: 1014	
Tested by: Jared Ison		Power: 110VAC/60Hz	
		Job Site: EV06	
TEST SPECIFICATIONS		Test Method	
FCC 15.247:2014		ANSI C63.10:2009	
COMMENTS			
Modes of operation tested were client provided. Reference power level table for channel power setting.			
DEVIATIONS FROM TEST STANDARD			
None			
Configuration #	6		
		Frequency Range	Value Limit Result
40 MHz			
2400 MHz - 2483.5 MHz Band			
802.11(n) MCS0			
	1/5 Low Channel, 2422 MHz	Fundamental	N/A N/A N/A
	1/5 Low Channel, 2422 MHz	30 MHz - 12.5 GHz	-46.54 dBc ≤ -20 dBc Pass
	1/5 Low Channel, 2422 MHz	12.5 GHz - 25 GHz	-43.85 dBc ≤ -20 dBc Pass
	4/8 Mid Channel, 2437 MHz	Fundamental	N/A N/A N/A
	4/8 Mid Channel, 2437 MHz	30 MHz - 12.5 GHz	-50.71 dBc ≤ -20 dBc Pass
	4/8 Mid Channel, 2437 MHz	12.5 GHz - 25 GHz	-44.37 dBc ≤ -20 dBc Pass
	7/11 High Channel, 2452 MHz	Fundamental	N/A N/A N/A
	7/11 High Channel, 2452 MHz	30 MHz - 12.5 GHz	-49.5 dBc ≤ -20 dBc Pass
	7/11 High Channel, 2452 MHz	12.5 GHz - 25 GHz	-44.2 dBc ≤ -20 dBc Pass
802.11(n) MCS7			
	1/5 Low Channel, 2422 MHz	Fundamental	N/A N/A N/A
	1/5 Low Channel, 2422 MHz	30 MHz - 12.5 GHz	-47.05 dBc ≤ -20 dBc Pass
	1/5 Low Channel, 2422 MHz	12.5 GHz - 25 GHz	-43.24 dBc ≤ -20 dBc Pass
	4/8 Mid Channel, 2437 MHz	Fundamental	N/A N/A N/A
	4/8 Mid Channel, 2437 MHz	30 MHz - 12.5 GHz	-50.82 dBc ≤ -20 dBc Pass
	4/8 Mid Channel, 2437 MHz	12.5 GHz - 25 GHz	-43.99 dBc ≤ -20 dBc Pass
	7/11 High Channel, 2452 MHz	Fundamental	N/A N/A N/A
	7/11 High Channel, 2452 MHz	30 MHz - 12.5 GHz	-50.19 dBc ≤ -20 dBc Pass
	7/11 High Channel, 2452 MHz	12.5 GHz - 25 GHz	-43.66 dBc ≤ -20 dBc Pass

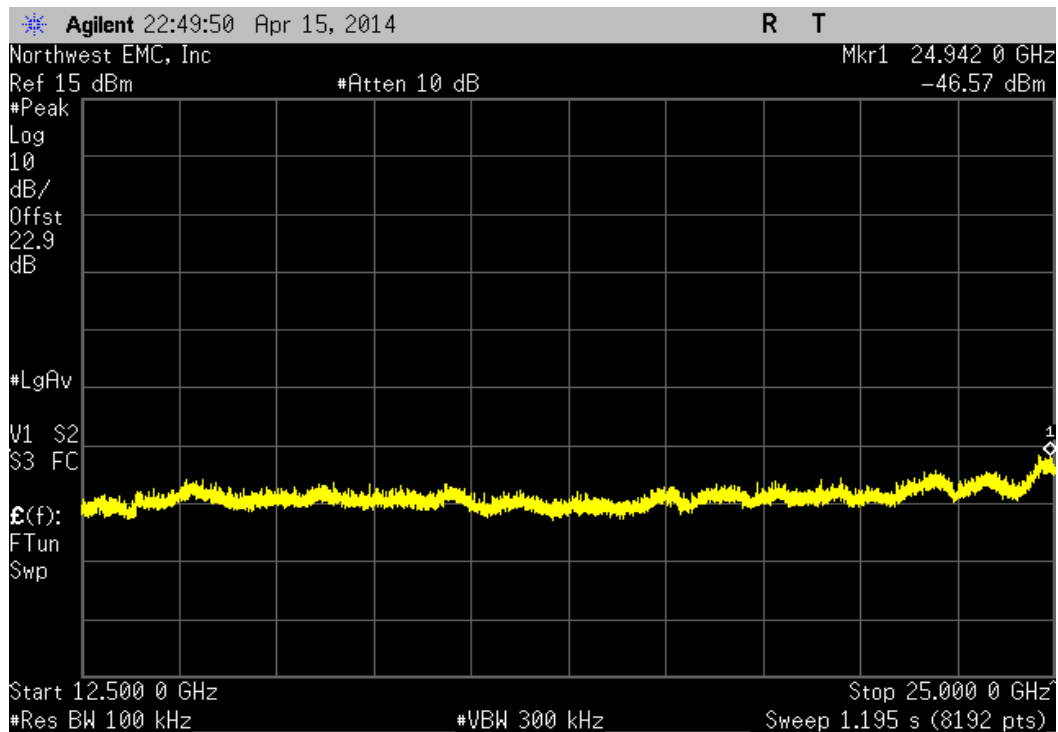
40 MHz, 2400 MHz - 2483.5 MHz Band, 802.11(n) MCS0, 1/5 Low Channel, 2422 MHz						
Frequency		Value		Limit		Result
Range						
Fundamental		N/A		N/A		N/A



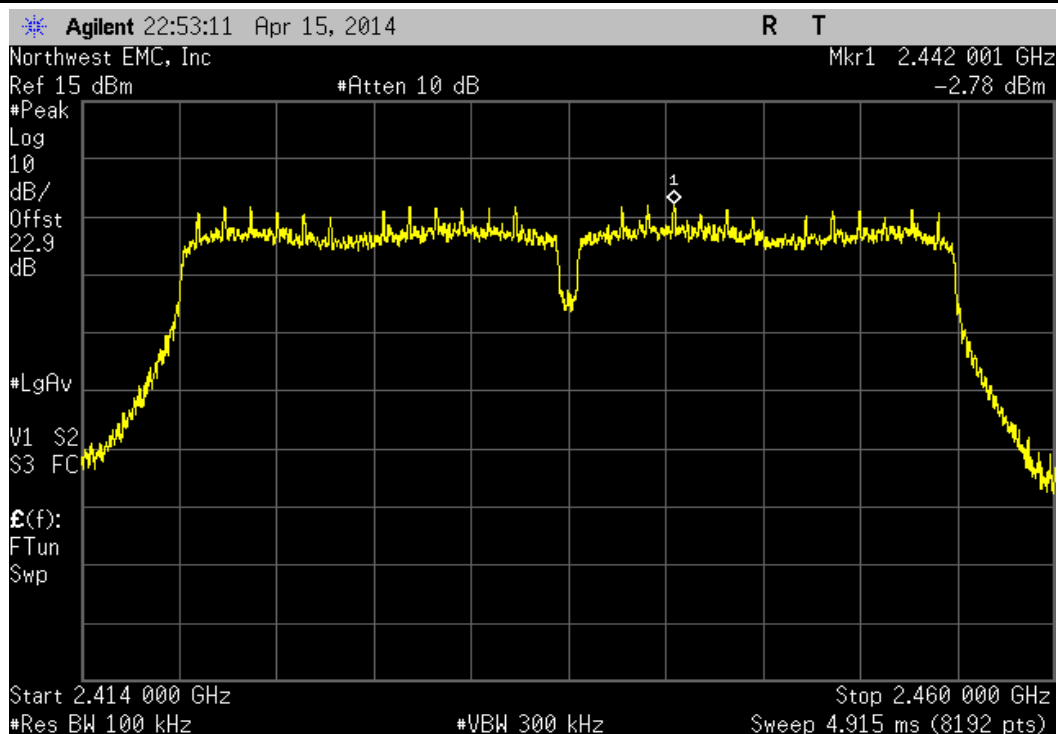
40 MHz, 2400 MHz - 2483.5 MHz Band, 802.11(n) MCS0, 1/5 Low Channel, 2422 MHz						
Frequency		Value		Limit		Result
Range						
30 MHz - 12.5 GHz		-46.54 dBc		≤ -20 dBc		Pass



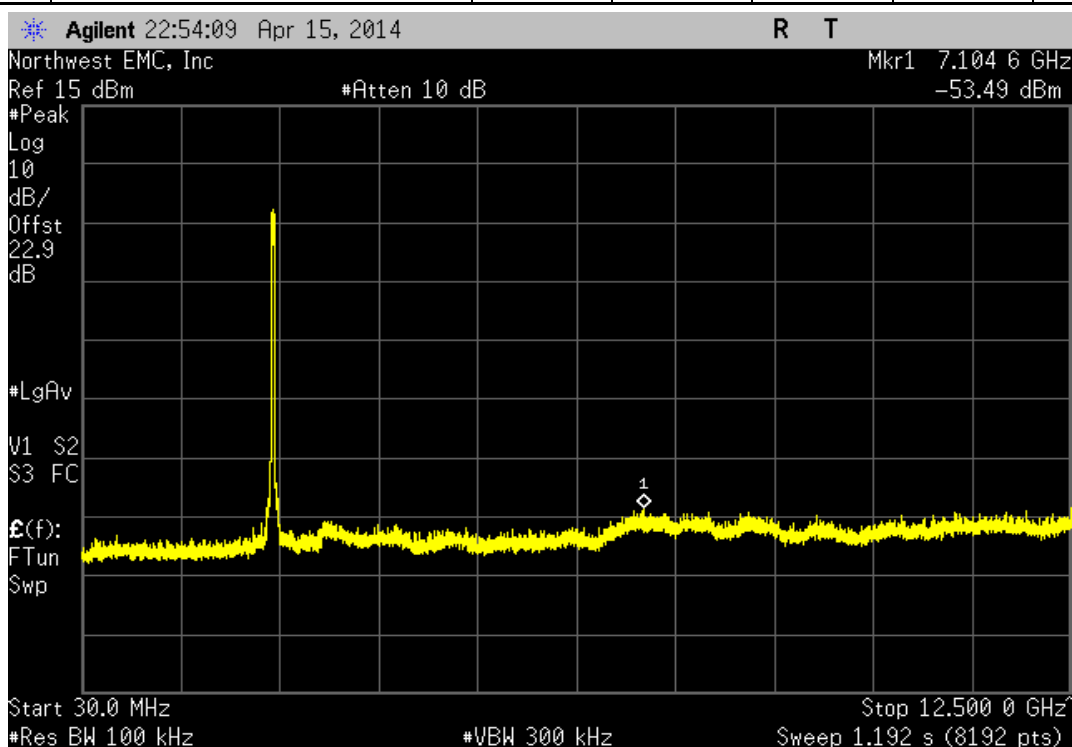
40 MHz, 2400 MHz - 2483.5 MHz Band, 802.11(n) MCS0, 1/5 Low Channel, 2422 MHz				
Frequency Range		Value	Limit	Result
12.5 GHz - 25 GHz		-43.85 dBc	≤ -20 dBc	Pass



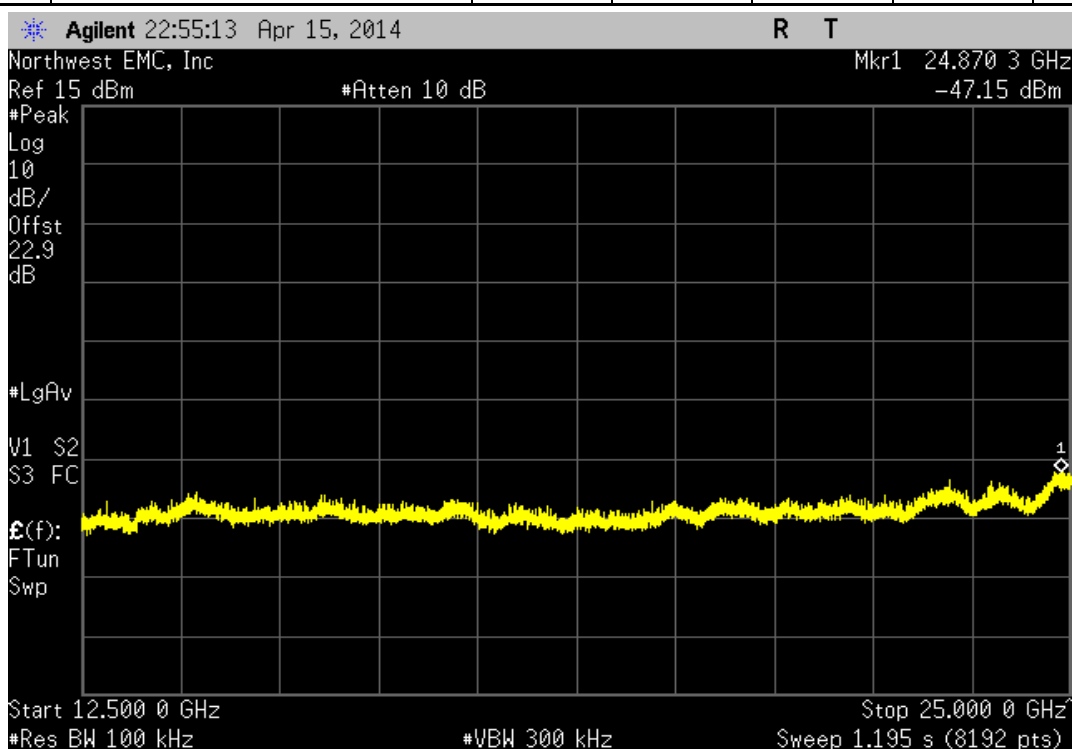
40 MHz, 2400 MHz - 2483.5 MHz Band, 802.11(n) MCS0, 4/8 Mid Channel, 2437 MHz				
Frequency Range		Value	Limit	Result
Fundamental		N/A	N/A	N/A



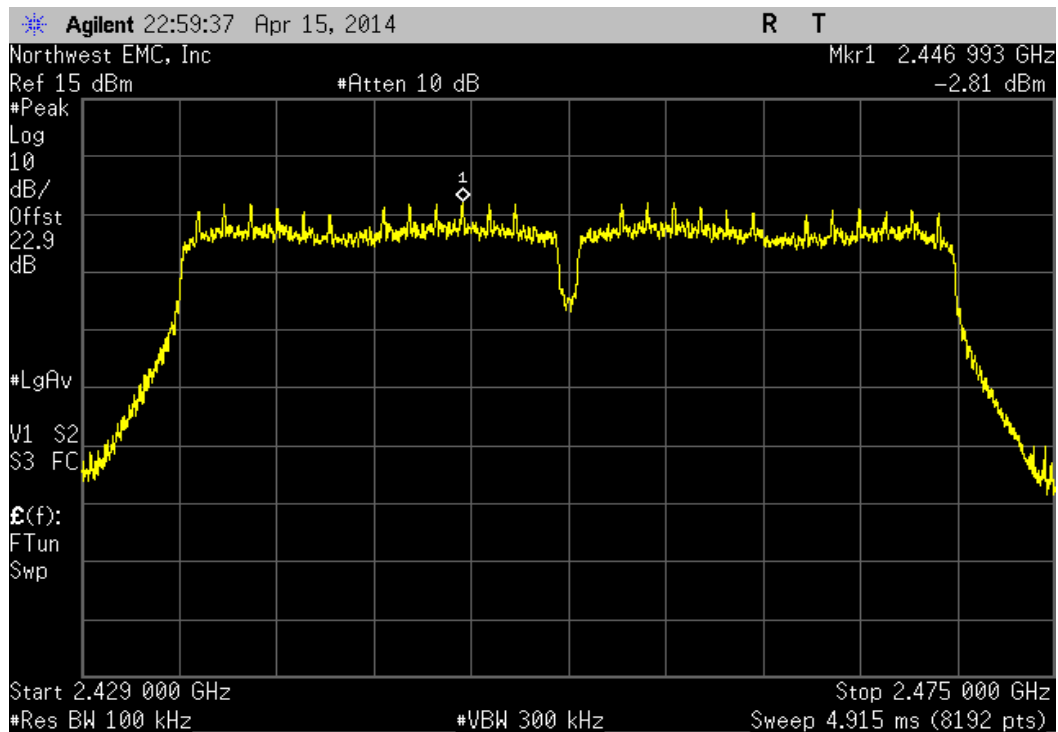
40 MHz, 2400 MHz - 2483.5 MHz Band, 802.11(n) MCS0, 4/8 Mid Channel, 2437 MHz				
Frequency Range	Value	Limit	Result	
30 MHz - 12.5 GHz	-50.71 dBc	≤ -20 dBc	Pass	



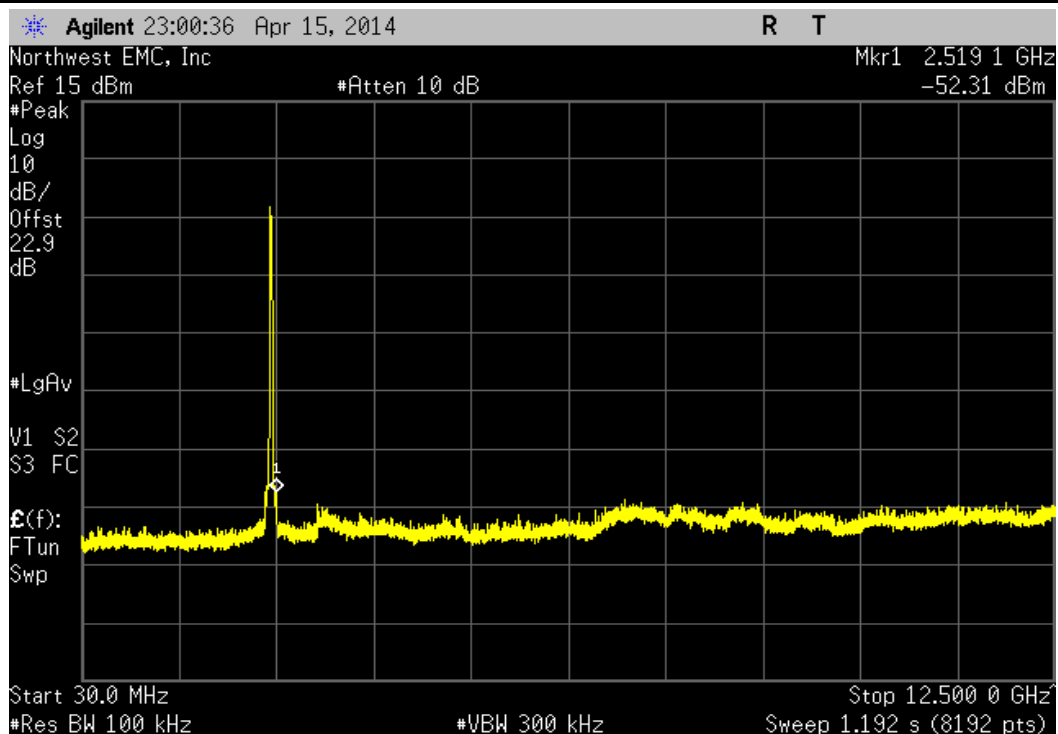
40 MHz, 2400 MHz - 2483.5 MHz Band, 802.11(n) MCS0, 4/8 Mid Channel, 2437 MHz				
Frequency Range	Value	Limit	Result	
12.5 GHz - 25 GHz	-44.37 dBc	≤ -20 dBc	Pass	



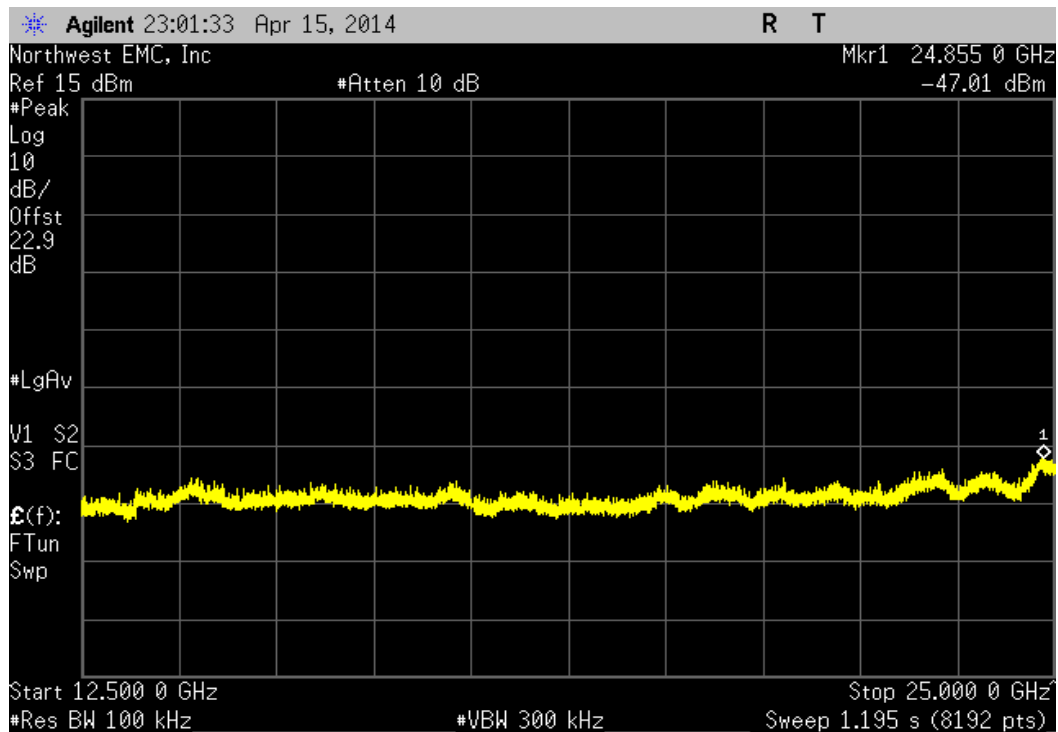
40 MHz, 2400 MHz - 2483.5 MHz Band, 802.11(n) MCS0, 7/11 High Channel, 2452 MHz						
Frequency Range				Value	Limit	Result
	Fundamental			N/A	N/A	N/A



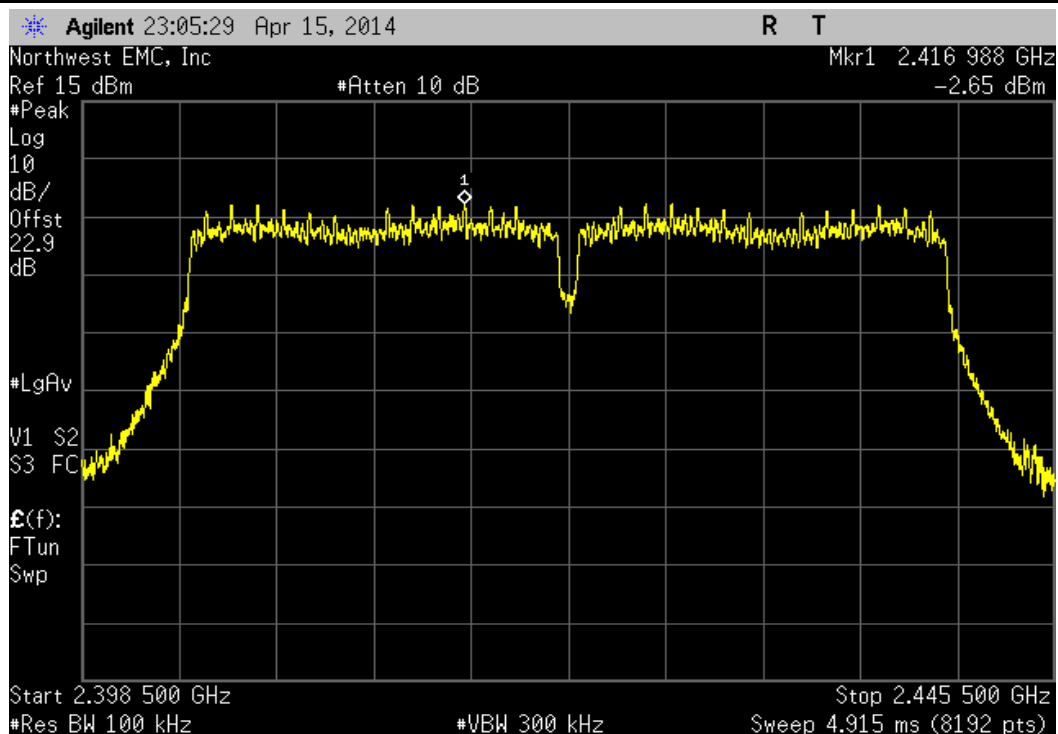
40 MHz, 2400 MHz - 2483.5 MHz Band, 802.11(n) MCS0, 7/11 High Channel, 2452 MHz						
Frequency Range				Value	Limit	Result
	30 MHz - 12.5 GHz			-49.5 dBc	≤ -20 dBc	Pass



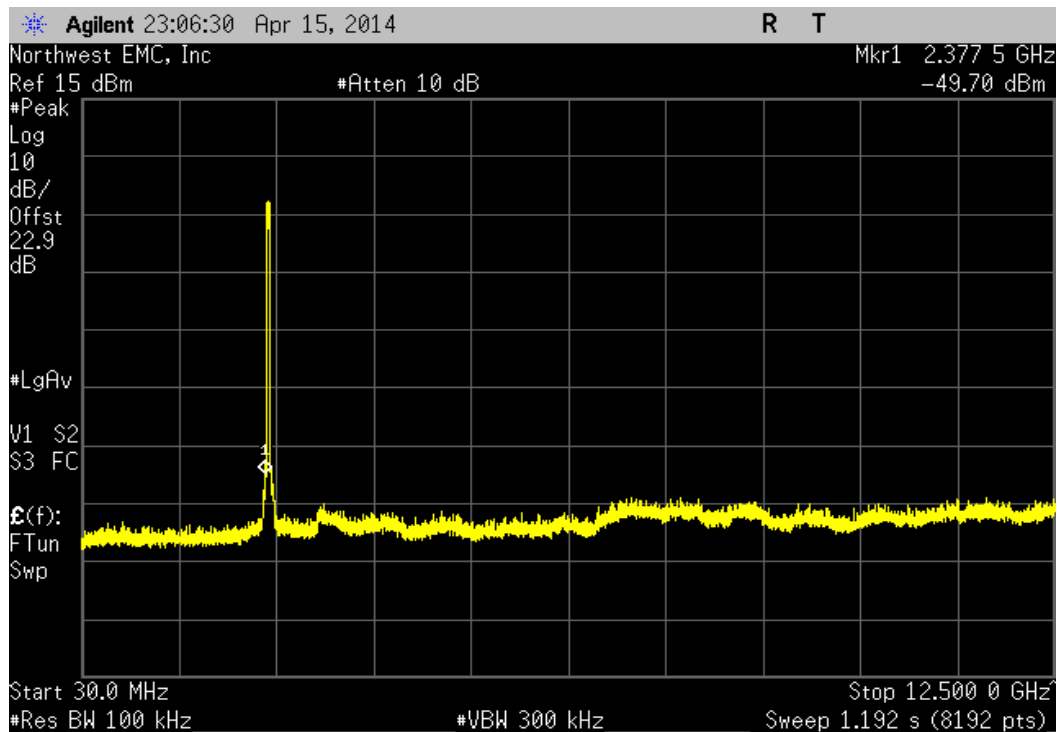
40 MHz, 2400 MHz - 2483.5 MHz Band, 802.11(n) MCS0, 7/11 High Channel, 2452 MHz				
Frequency Range		Value	Limit	Result
12.5 GHz - 25 GHz		-44.2 dBc	≤ -20 dBc	Pass



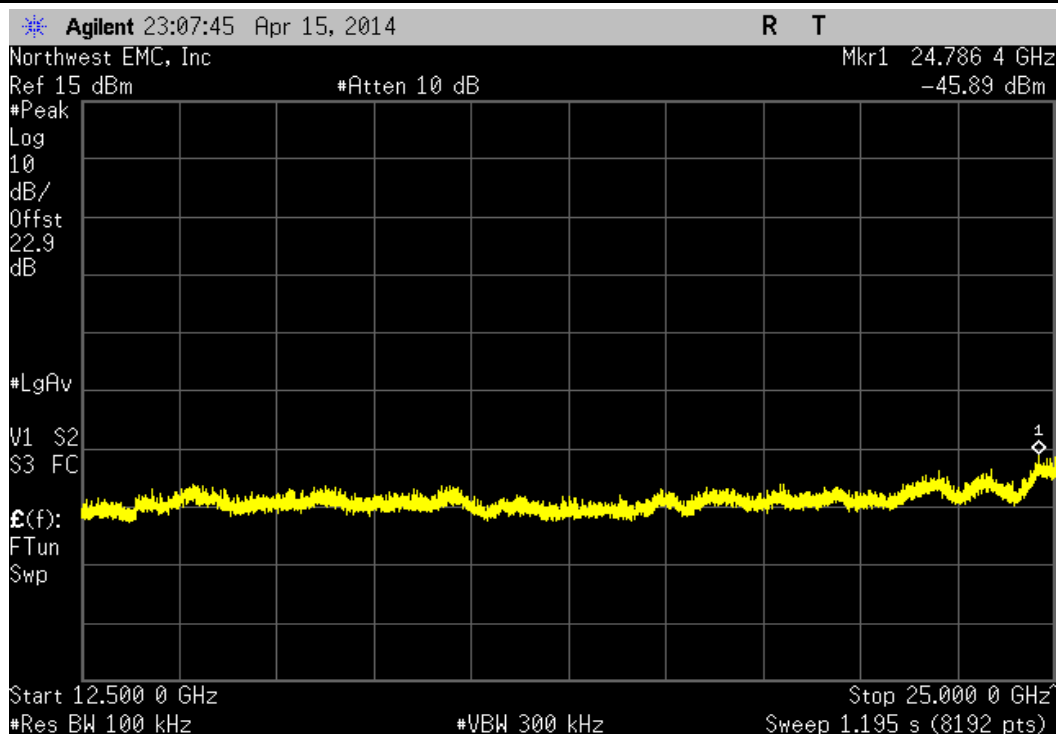
40 MHz, 2400 MHz - 2483.5 MHz Band, 802.11(n) MCS7, 1/5 Low Channel, 2422 MHz				
Frequency Range		Value	Limit	Result
Fundamental		N/A	N/A	N/A



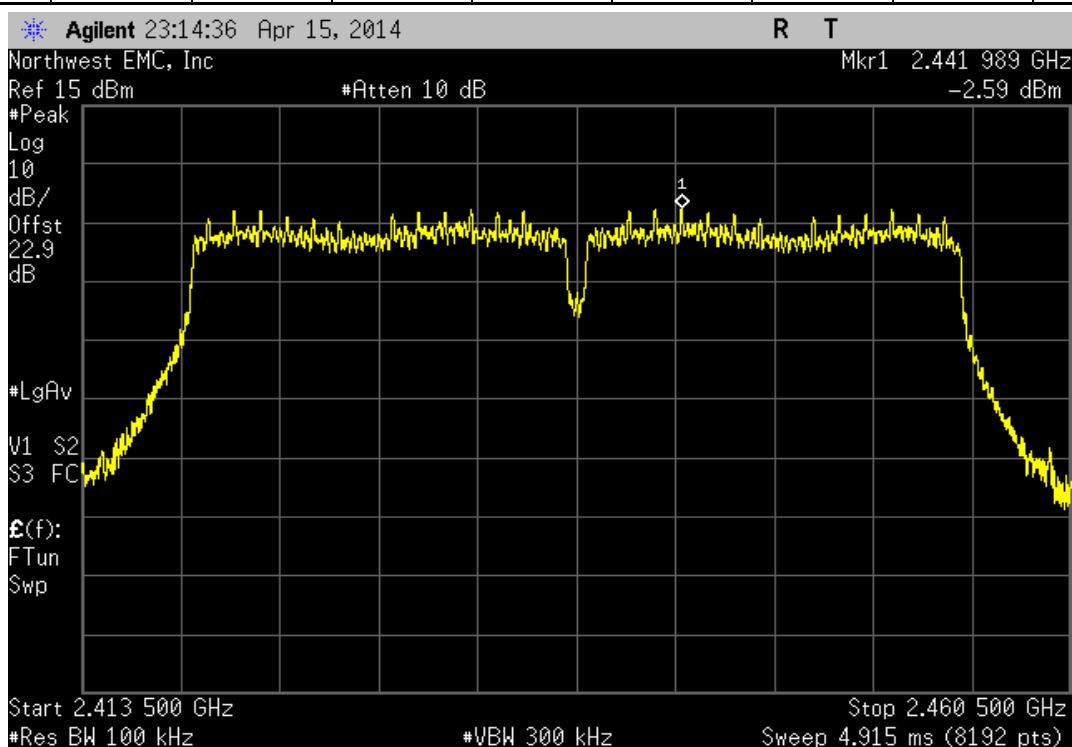
40 MHz, 2400 MHz - 2483.5 MHz Band, 802.11(n) MCS7, 1/5 Low Channel, 2422 MHz				
Frequency Range		Value	Limit	Result
30 MHz - 12.5 GHz		-47.05 dBc	≤ -20 dBc	Pass



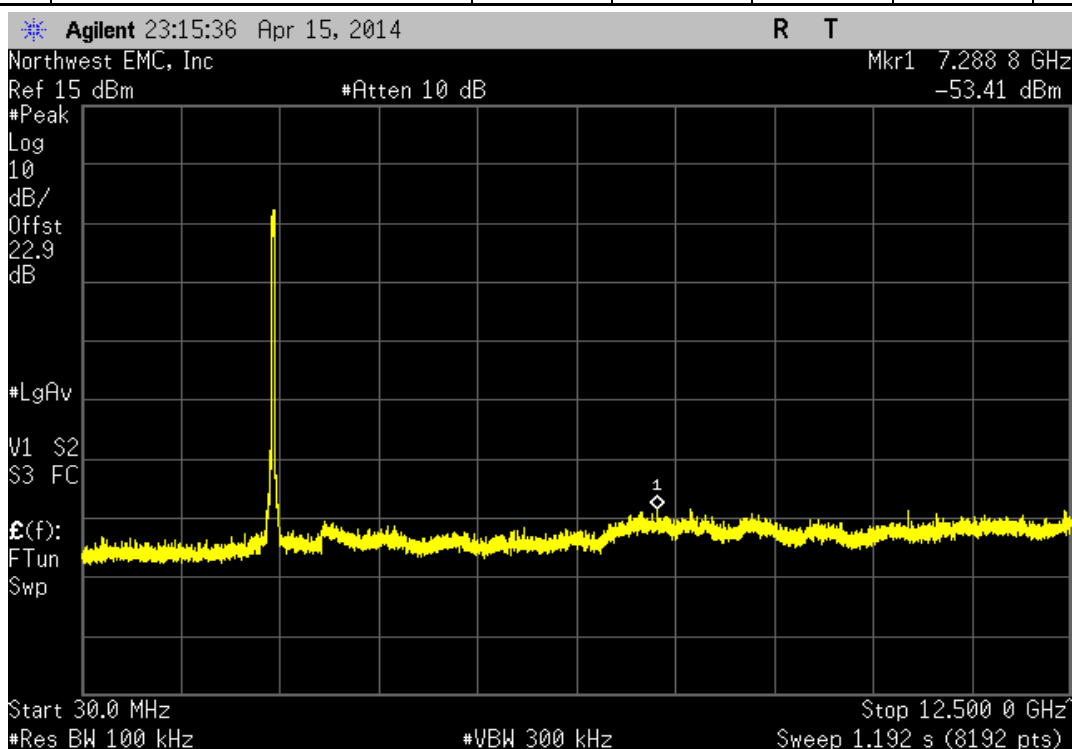
40 MHz, 2400 MHz - 2483.5 MHz Band, 802.11(n) MCS7, 1/5 Low Channel, 2422 MHz				
Frequency Range		Value	Limit	Result
12.5 GHz - 25 GHz		-43.24 dBc	≤ -20 dBc	Pass



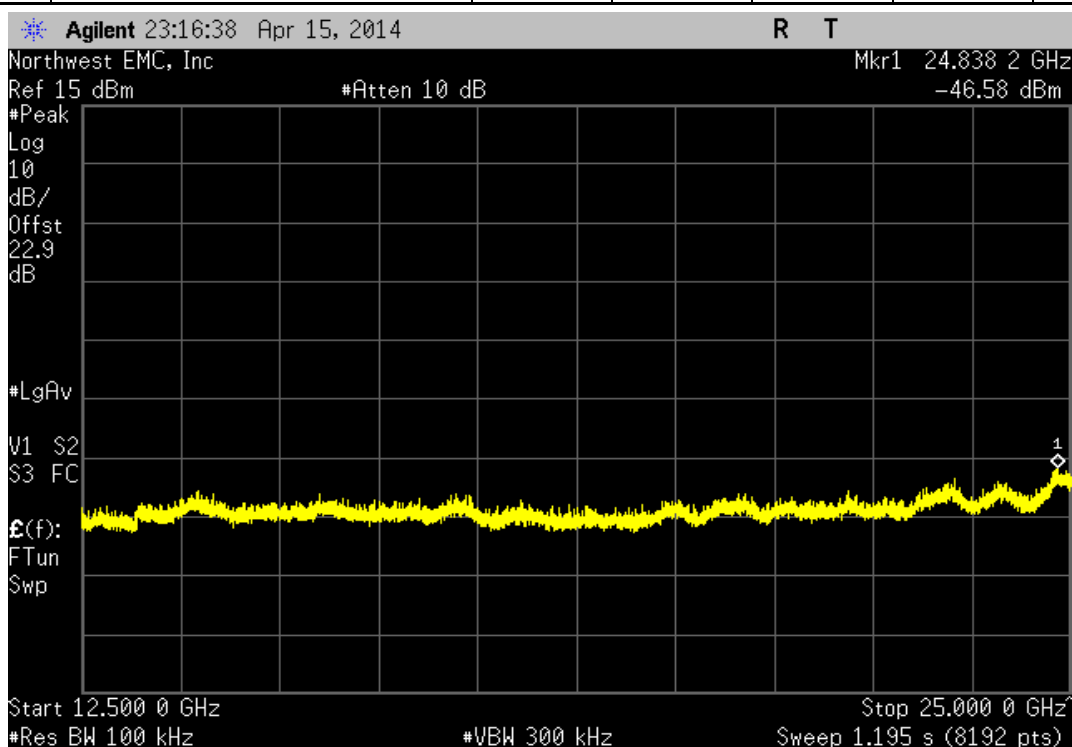
40 MHz, 2400 MHz - 2483.5 MHz Band, 802.11(n) MCS7, 4/8 Mid Channel, 2437 MHz						
Frequency		Value		Limit		Result
Range						
Fundamental		N/A		N/A		N/A



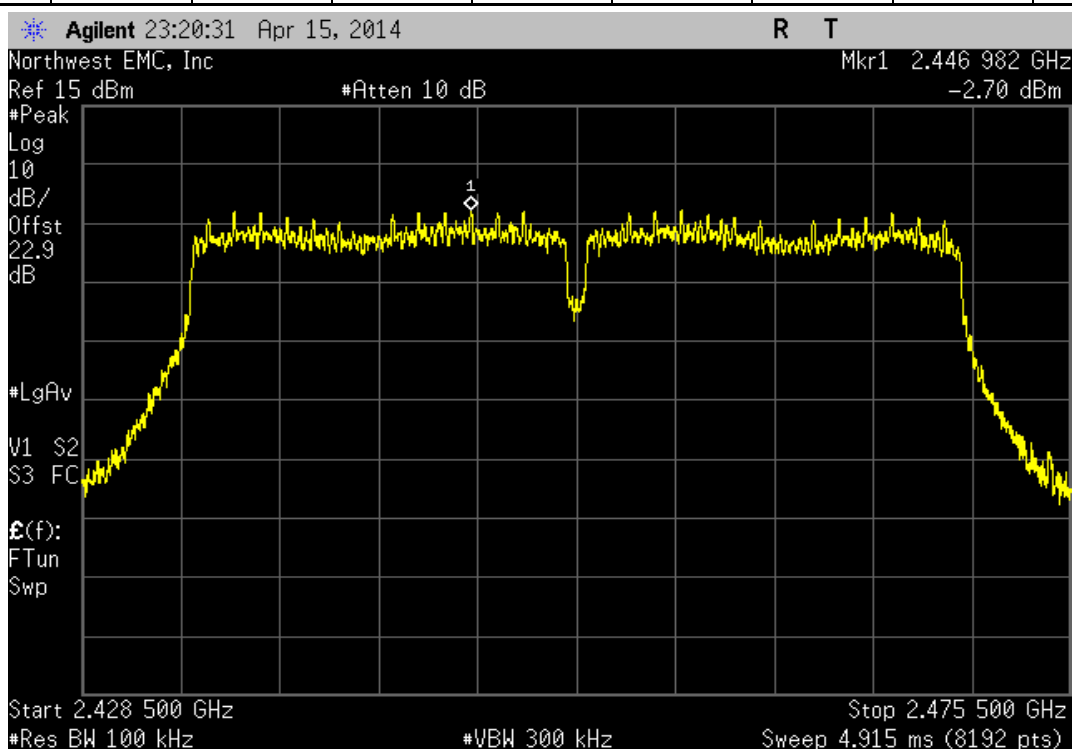
40 MHz, 2400 MHz - 2483.5 MHz Band, 802.11(n) MCS7, 4/8 Mid Channel, 2437 MHz						
Frequency		Value		Limit		Result
Range						
30 MHz - 12.5 GHz		-50.82 dBc		≤ -20 dBc		Pass



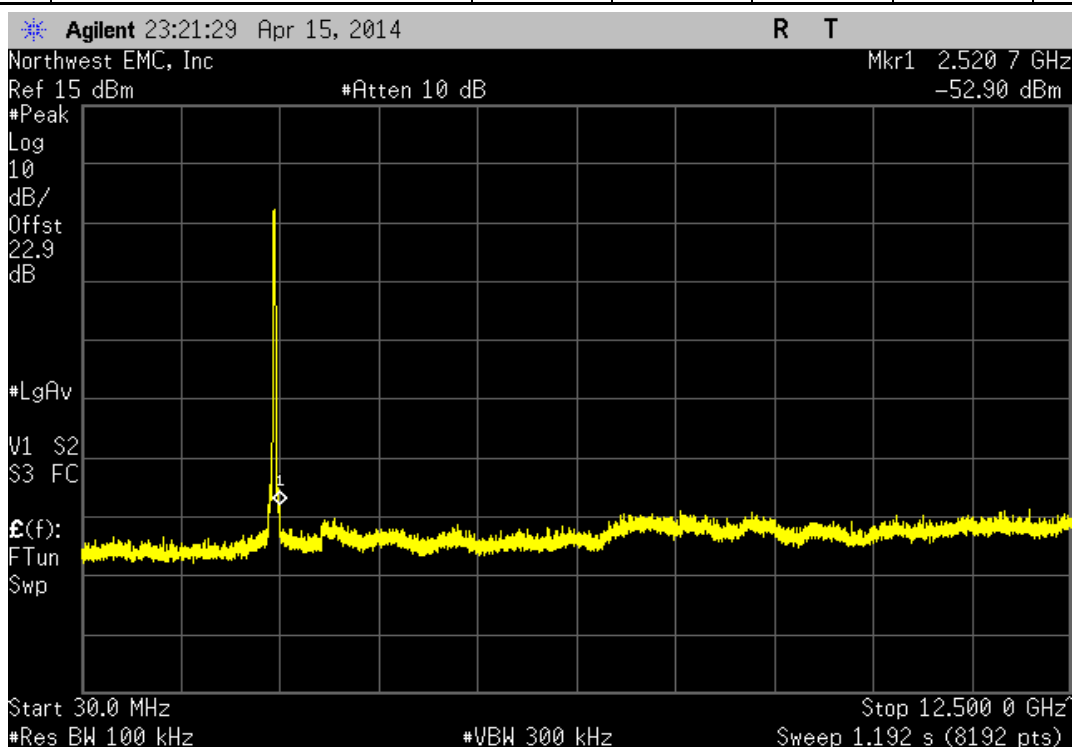
40 MHz, 2400 MHz - 2483.5 MHz Band, 802.11(n) MCS7, 4/8 Mid Channel, 2437 MHz				
Frequency		Value	Limit	Result
Range				
12.5 GHz - 25 GHz		-43.99 dBc	≤ -20 dBc	Pass



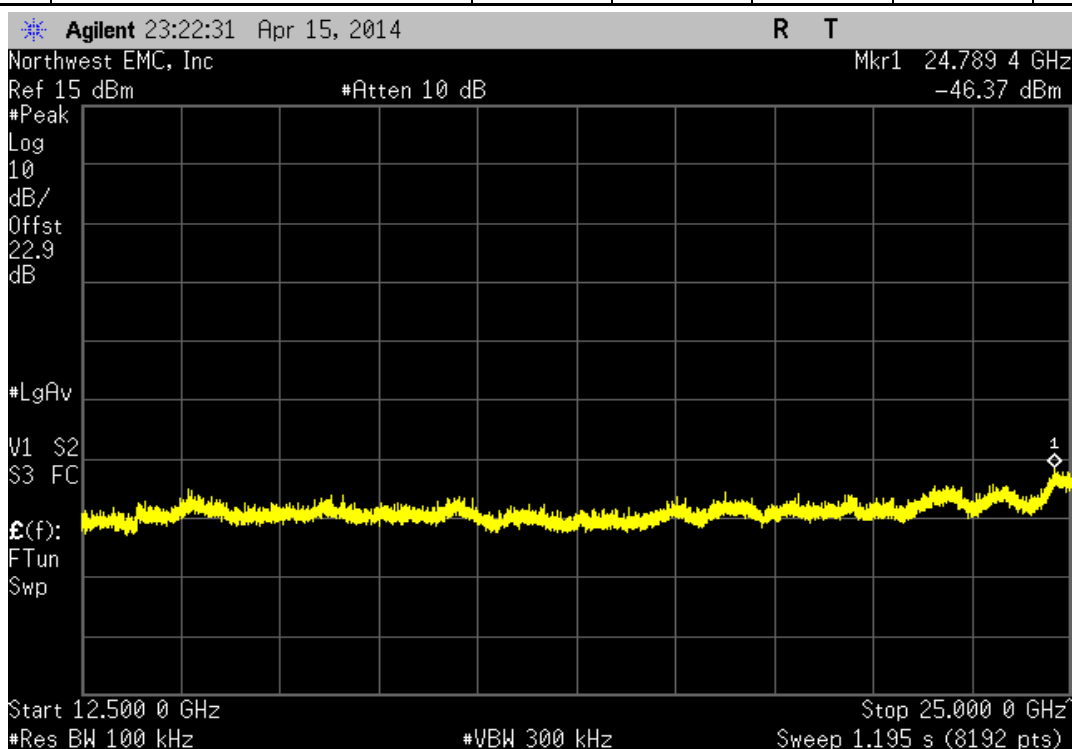
40 MHz, 2400 MHz - 2483.5 MHz Band, 802.11(n) MCS7, 7/11 High Channel, 2452 MHz				
Frequency		Value	Limit	Result
Range				
Fundamental		N/A	N/A	N/A



40 MHz, 2400 MHz - 2483.5 MHz Band, 802.11(n) MCS7, 7/11 High Channel, 2452 MHz				
Frequency Range		Value	Limit	Result
30 MHz - 12.5 GHz		-50.19 dBc	≤ -20 dBc	Pass



40 MHz, 2400 MHz - 2483.5 MHz Band, 802.11(n) MCS7, 7/11 High Channel, 2452 MHz				
Frequency Range		Value	Limit	Result
12.5 GHz - 25 GHz		-43.66 dBc	≤ -20 dBc	Pass



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.

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Description	Manufacturer	Model	ID	Last Cal.	Interval (mo.)
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Attenuator 20 dB, SMA M/F 26GHz	S.M. Electronics	SA26B-20	AUY	7/30/2013	12
EV06 Direct Connect Cable	ESM Cable Corp.	TT	ECA	NCR	0
Attenuator, 6dB	S.M. Electronics	18N-06	AWN	2/3/2014	12
MXG Analog Signal Generator	Agilent	N5181A	TIG	NCR	0
Power Meter	Gigatronics	8651A	SPM	11/26/2013	24
Power Sensor	Gigatronics	80701A	SPL	7/8/2011	36
Spectrum Analyzer	Agilent	E4446A	AAQ	1/21/2014	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. For each transmit frequency, the spectrum was scanned throughout the specified frequency range.



SPURIOUS CONDUCTED EMISSIONS

XMit 2013.08.15
PsaTx 2013.10.23

EUT:	Model 1631	Work Order:	MCSO1698
Serial Number:	041148340753	Date:	03/22/14
Customer:	Microsoft Corporation	Temperature:	21.5°C
Attendees:	None	Humidity:	29%
Project:	None	Barometric Pres.:	1007
Tested by:	Brandon Hobbs, Jared Ison	Power:	110VAC/60Hz
		Job Site:	EV06

TEST SPECIFICATIONS	Test Method
FCC 15.247:2014	ANSI C63.10:2009

COMMENTS
Modes of operation tested were client provided.

DEVIATIONS FROM TEST STANDARD

Configuration #	1	Signature	
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	Frequency Range	Value	Limit	Result
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IEEE 802.11(a)

20 MHz

5725 MHz - 5850 MHz Band

6 Mbps

Low Channel 149, 5745 MHz	Fundamental	N/A	N/A	N/A
Low Channel 149, 5745 MHz	30 MHz - 12.5 GHz	-54.41 dBc	≤ -20 dBc	Pass
Low Channel 149, 5745 MHz	12.5 GHz - 25 GHz	-46.53 dBc	≤ -20 dBc	Pass
Low Channel 149, 5745 MHz	25 GHz - 32 GHz	-45.33 dBc	≤ -20 dBc	Pass
Low Channel 149, 5745 MHz	32 GHz - 40 GHz	-36.46 dBc	≤ -20 dBc	Pass
Mid Channel 157, 5785 MHz	Fundamental	N/A	N/A	N/A
Mid Channel 157, 5785 MHz	30 MHz - 12.5 GHz	-54.55 dBc	≤ -20 dBc	Pass
Mid Channel 157, 5785 MHz	12.5 GHz - 25 GHz	-47.69 dBc	≤ -20 dBc	Pass
Mid Channel 157, 5785 MHz	25 GHz - 32 GHz	-45.93 dBc	≤ -20 dBc	Pass
Mid Channel 157, 5785 MHz	32 GHz - 40 GHz	-36.45 dBc	≤ -20 dBc	Pass
High Channel 165, 5825 MHz	Fundamental	N/A	N/A	N/A
High Channel 165, 5825 MHz	30 MHz - 12.5 GHz	-55.06 dBc	≤ -20 dBc	Pass
High Channel 165, 5825 MHz	12.5 GHz - 25 GHz	-48.07 dBc	≤ -20 dBc	Pass
High Channel 165, 5825 MHz	25 GHz - 32 GHz	-46.32 dBc	≤ -20 dBc	Pass
High Channel 165, 5825 MHz	32 GHz - 40 GHz	-34.81 dBc	≤ -20 dBc	Pass

36 Mbps

Low Channel 149, 5745 MHz	Fundamental	N/A	N/A	N/A
Low Channel 149, 5745 MHz	30 MHz - 12.5 GHz	-54.99 dBc	≤ -20 dBc	Pass
Low Channel 149, 5745 MHz	12.5 GHz - 25 GHz	-47.98 dBc	≤ -20 dBc	Pass
Low Channel 149, 5745 MHz	25 GHz - 32 GHz	-46.39 dBc	≤ -20 dBc	Pass
Low Channel 149, 5745 MHz	32 GHz - 40 GHz	-36.87 dBc	≤ -20 dBc	Pass
Mid Channel 157, 5785 MHz	Fundamental	N/A	N/A	N/A
Mid Channel 157, 5785 MHz	30 MHz - 12.5 GHz	-54.33 dBc	≤ -20 dBc	Pass
Mid Channel 157, 5785 MHz	12.5 GHz - 25 GHz	-48.26 dBc	≤ -20 dBc	Pass
Mid Channel 157, 5785 MHz	25 GHz - 32 GHz	-45.94 dBc	≤ -20 dBc	Pass
Mid Channel 157, 5785 MHz	32 GHz - 40 GHz	-36.53 dBc	≤ -20 dBc	Pass
High Channel 165, 5825 MHz	Fundamental	N/A	N/A	N/A
High Channel 165, 5825 MHz	30 MHz - 12.5 GHz	-53.99 dBc	≤ -20 dBc	Pass
High Channel 165, 5825 MHz	12.5 GHz - 25 GHz	-47.89 dBc	≤ -20 dBc	Pass
High Channel 165, 5825 MHz	25 GHz - 32 GHz	-46.22 dBc	≤ -20 dBc	Pass
High Channel 165, 5825 MHz	32 GHz - 40 GHz	-36.51 dBc	≤ -20 dBc	Pass

54 Mbps

Low Channel 149, 5745 MHz	Fundamental	N/A	N/A	N/A
Low Channel 149, 5745 MHz	30 MHz - 12.5 GHz	-54.4 dBc	≤ -20 dBc	Pass
Low Channel 149, 5745 MHz	12.5 GHz - 25 GHz	-47.34 dBc	≤ -20 dBc	Pass
Low Channel 149, 5745 MHz	25 GHz - 32 GHz	-44.9 dBc	≤ -20 dBc	Pass
Low Channel 149, 5745 MHz	32 GHz - 40 GHz	-36.73 dBc	≤ -20 dBc	Pass
Mid Channel 157, 5785 MHz	Fundamental	N/A	N/A	N/A
Mid Channel 157, 5785 MHz	30 MHz - 12.5 GHz	-54.94 dBc	≤ -20 dBc	Pass
Mid Channel 157, 5785 MHz	12.5 GHz - 25 GHz	-47.15 dBc	≤ -20 dBc	Pass
Mid Channel 157, 5785 MHz	25 GHz - 32 GHz	-45.88 dBc	≤ -20 dBc	Pass
Mid Channel 157, 5785 MHz	32 GHz - 40 GHz	-36.17 dBc	≤ -20 dBc	Pass
High Channel 165, 5825 MHz	Fundamental	N/A	N/A	N/A
High Channel 165, 5825 MHz	30 MHz - 12.5 GHz	-53.78 dBc	≤ -20 dBc	Pass
High Channel 165, 5825 MHz	12.5 GHz - 25 GHz	-47.39 dBc	≤ -20 dBc	Pass
High Channel 165, 5825 MHz	25 GHz - 32 GHz	-44.79 dBc	≤ -20 dBc	Pass
High Channel 165, 5825 MHz	32 GHz - 40 GHz	-36.11 dBc	≤ -20 dBc	Pass

IEEE 802.11(n)

20 MHz

5725 MHz - 5850 MHz Band

HT, MCS7

Low Channel 149, 5745 MHz	Fundamental	N/A	N/A	N/A
Low Channel 149, 5745 MHz	30 MHz - 12.5 GHz	-54.55 dBc	≤ -20 dBc	Pass
Low Channel 149, 5745 MHz	12.5 GHz - 25 GHz	-47.27 dBc	≤ -20 dBc	Pass
Low Channel 149, 5745 MHz	25 GHz - 32 GHz	-46.38 dBc	≤ -20 dBc	Pass
Low Channel 149, 5745 MHz	32 GHz - 40 GHz	-37.12 dBc	≤ -20 dBc	Pass
Mid Channel 157, 5785 MHz	Fundamental	N/A	N/A	N/A
Mid Channel 157, 5785 MHz	30 MHz - 12.5 GHz	-55.05 dBc	≤ -20 dBc	Pass
Mid Channel 157, 5785 MHz	12.5 GHz - 25 GHz	-47.81 dBc	≤ -20 dBc	Pass
Mid Channel 157, 5785 MHz	25 GHz - 32 GHz	-45.89 dBc	≤ -20 dBc	Pass
Mid Channel 157, 5785 MHz	32 GHz - 40 GHz	-36.34 dBc	≤ -20 dBc	Pass
High Channel 165, 5825 MHz	Fundamental	N/A	N/A	N/A
High Channel 165, 5825 MHz	30 MHz - 12.5 GHz	-54.02 dBc	≤ -20 dBc	Pass
High Channel 165, 5825 MHz	12.5 GHz - 25 GHz	-47.62 dBc	≤ -20 dBc	Pass
High Channel 165, 5825 MHz	25 GHz - 32 GHz	-45.88 dBc	≤ -20 dBc	Pass
High Channel 165, 5825 MHz	32 GHz - 40 GHz	-36.42 dBc	≤ -20 dBc	Pass

40 MHz

5725 MHz - 5850 MHz Band

HT, MCS7

Low Channel 149/153, 5755 MHz	Fundamental	N/A	N/A	N/A
Low Channel 149/153, 5755 MHz	30 MHz - 12.5 GHz	-49.65 dBc	≤ -20 dBc	Pass
Low Channel 149/153, 5755 MHz	12.5 GHz - 25 GHz	-44.49 dBc	≤ -20 dBc	Pass
Low Channel 149/153, 5755 MHz	25 GHz - 32 GHz	-43.41 dBc	≤ -20 dBc	Pass
Low Channel 149/153, 5755 MHz	32 GHz - 40 GHz	-34.52 dBc	≤ -20 dBc	Pass
High Channel 157/161, 5795 MHz	Fundamental	N/A	N/A	N/A
High Channel 157/161, 5795 MHz	30 MHz - 12.5 GHz	-52.33 dBc	≤ -20 dBc	Pass
High Channel 157/161, 5795 MHz	12.5 GHz - 25 GHz	-45.01 dBc	≤ -20 dBc	Pass

IEEE 802.11(ac)	20 MHz	High Channel 157/161, 5795 MHz	25 GHz - 32 GHz	-42.73 dBc	≤ -20 dBc	Pass
		High Channel 157/161, 5795 MHz	32 GHz - 40 GHz	-34 dBc	≤ -20 dBc	Pass
5725 MHz - 5850 MHz Band						
VHT, MCS0						
		Low Channel 149, 5745 MHz	Fundamental	N/A	N/A	N/A
		Low Channel 149, 5745 MHz	30 MHz - 12.5 GHz	-54.4 dBc	≤ -20 dBc	Pass
		Low Channel 149, 5745 MHz	12.5 GHz - 25 GHz	-47.75 dBc	≤ -20 dBc	Pass
		Low Channel 149, 5745 MHz	25 GHz - 32 GHz	-45.16 dBc	≤ -20 dBc	Pass
		Low Channel 149, 5745 MHz	32 GHz - 40 GHz	-36.1 dBc	≤ -20 dBc	Pass
		Mid Channel 157, 5785 MHz	Fundamental	N/A	N/A	N/A
		Mid Channel 157, 5785 MHz	30 MHz - 12.5 GHz	-54.55 dBc	≤ -20 dBc	Pass
		Mid Channel 157, 5785 MHz	12.5 GHz - 25 GHz	-47.76 dBc	≤ -20 dBc	Pass
		Mid Channel 157, 5785 MHz	25 GHz - 32 GHz	-45.77 dBc	≤ -20 dBc	Pass
		Mid Channel 157, 5785 MHz	32 GHz - 40 GHz	-36.7 dBc	≤ -20 dBc	Pass
		High Channel 165, 5825 MHz	Fundamental	N/A	N/A	N/A
		High Channel 165, 5825 MHz	30 MHz - 12.5 GHz	-53.11 dBc	≤ -20 dBc	Pass
		High Channel 165, 5825 MHz	12.5 GHz - 25 GHz	-47.16 dBc	≤ -20 dBc	Pass
		High Channel 165, 5825 MHz	25 GHz - 32 GHz	-44.57 dBc	≤ -20 dBc	Pass
		High Channel 165, 5825 MHz	32 GHz - 40 GHz	-35.98 dBc	≤ -20 dBc	Pass
VHT, MCS8						
		Low Channel 149, 5745 MHz	Fundamental	N/A	N/A	N/A
		Low Channel 149, 5745 MHz	30 MHz - 12.5 GHz	-55.01 dBc	≤ -20 dBc	Pass
		Low Channel 149, 5745 MHz	12.5 GHz - 25 GHz	-48.3 dBc	≤ -20 dBc	Pass
		Low Channel 149, 5745 MHz	25 GHz - 32 GHz	-46.65 dBc	≤ -20 dBc	Pass
		Low Channel 149, 5745 MHz	32 GHz - 40 GHz	-37.14 dBc	≤ -20 dBc	Pass
		Mid Channel 157, 5785 MHz	Fundamental	N/A	N/A	N/A
		Mid Channel 157, 5785 MHz	30 MHz - 12.5 GHz	-54.39 dBc	≤ -20 dBc	Pass
		Mid Channel 157, 5785 MHz	12.5 GHz - 25 GHz	-47.84 dBc	≤ -20 dBc	Pass
		Mid Channel 157, 5785 MHz	25 GHz - 32 GHz	-45.72 dBc	≤ -20 dBc	Pass
		Mid Channel 157, 5785 MHz	32 GHz - 40 GHz	-37.08 dBc	≤ -20 dBc	Pass
		High Channel 165, 5825 MHz	Fundamental	N/A	N/A	N/A
		High Channel 165, 5825 MHz	30 MHz - 12.5 GHz	-54.55 dBc	≤ -20 dBc	Pass
		High Channel 165, 5825 MHz	12.5 GHz - 25 GHz	-48.15 dBc	≤ -20 dBc	Pass
		High Channel 165, 5825 MHz	25 GHz - 32 GHz	-46.37 dBc	≤ -20 dBc	Pass
		High Channel 165, 5825 MHz	32 GHz - 40 GHz	-36.19 dBc	≤ -20 dBc	Pass
40 MHz						
5725 MHz - 5850 MHz Band						
VHT, MCS0						
		Low Channel 149/153, 5755 MHz	Fundamental	N/A	N/A	N/A
		Low Channel 149/153, 5755 MHz	30 MHz - 12.5 GHz	-48.36 dBc	≤ -20 dBc	Pass
		Low Channel 149/153, 5755 MHz	12.5 GHz - 25 GHz	-43.86 dBc	≤ -20 dBc	Pass
		Low Channel 149/153, 5755 MHz	25 GHz - 32 GHz	-42.82 dBc	≤ -20 dBc	Pass
		Low Channel 149/153, 5755 MHz	32 GHz - 40 GHz	-33.41 dBc	≤ -20 dBc	Pass
		High Channel 157/161, 5795 MHz	Fundamental	N/A	N/A	N/A
		High Channel 157/161, 5795 MHz	30 MHz - 12.5 GHz	-51.88 dBc	≤ -20 dBc	Pass
		High Channel 157/161, 5795 MHz	12.5 GHz - 25 GHz	-45.12 dBc	≤ -20 dBc	Pass
		High Channel 157/161, 5795 MHz	25 GHz - 32 GHz	-42.84 dBc	≤ -20 dBc	Pass
		High Channel 157/161, 5795 MHz	32 GHz - 40 GHz	-33.82 dBc	≤ -20 dBc	Pass
VHT, MCS9						
		Low Channel 149/153, 5755 MHz	Fundamental	N/A	N/A	N/A
		Low Channel 149/153, 5755 MHz	30 MHz - 12.5 GHz	-50.87 dBc	≤ -20 dBc	Pass
		Low Channel 149/153, 5755 MHz	12.5 GHz - 25 GHz	-45.1 dBc	≤ -20 dBc	Pass
		Low Channel 149/153, 5755 MHz	25 GHz - 32 GHz	-43.74 dBc	≤ -20 dBc	Pass
		Low Channel 149/153, 5755 MHz	32 GHz - 40 GHz	-34.3 dBc	≤ -20 dBc	Pass
		High Channel 157/161, 5795 MHz	Fundamental	N/A	N/A	N/A
		High Channel 157/161, 5795 MHz	30 MHz - 12.5 GHz	-51.94 dBc	≤ -20 dBc	Pass
		High Channel 157/161, 5795 MHz	12.5 GHz - 25 GHz	-45.2 dBc	≤ -20 dBc	Pass
		High Channel 157/161, 5795 MHz	25 GHz - 32 GHz	-43.17 dBc	≤ -20 dBc	Pass
		High Channel 157/161, 5795 MHz	32 GHz - 40 GHz	-33.82 dBc	≤ -20 dBc	Pass
80 MHz						
5725 MHz - 5850 MHz Band						
VHT, MCS0						
		Low Channel 149/153/157/161, 5775 MHz	Fundamental	N/A	N/A	N/A
		Low Channel 149/153/157/161, 5775 MHz	30 MHz - 12.5 GHz	-39.57 dBc	≤ -20 dBc	Pass
		Low Channel 149/153/157/161, 5775 MHz	12.5 GHz - 25 GHz	-40.64 dBc	≤ -20 dBc	Pass
		Low Channel 149/153/157/161, 5775 MHz	25 GHz - 32 GHz	-38.82 dBc	≤ -20 dBc	Pass
		Low Channel 149/153/157/161, 5775 MHz	32 GHz - 40 GHz	-30.19 dBc	≤ -20 dBc	Pass
VHT, MCS9						
		Low Channel 149/153/157/161, 5775 MHz	Fundamental	N/A	N/A	N/A
		Low Channel 149/153/157/161, 5775 MHz	30 MHz - 12.5 GHz	-42.43 dBc	≤ -20 dBc	Pass
		Low Channel 149/153/157/161, 5775 MHz	12.5 GHz - 25 GHz	-38.56 dBc	≤ -20 dBc	Pass
		Low Channel 149/153/157/161, 5775 MHz	25 GHz - 32 GHz	-38.64 dBc	≤ -20 dBc	Pass
		Low Channel 149/153/157/161, 5775 MHz	32 GHz - 40 GHz	-29.85 dBc	≤ -20 dBc	Pass

IEEE 802.11(a), 20 MHz, 5725 MHz - 5850 MHz Band, 6 Mbps, Low Channel 149, 5745 MHz

Frequency
Range

Value

Limit

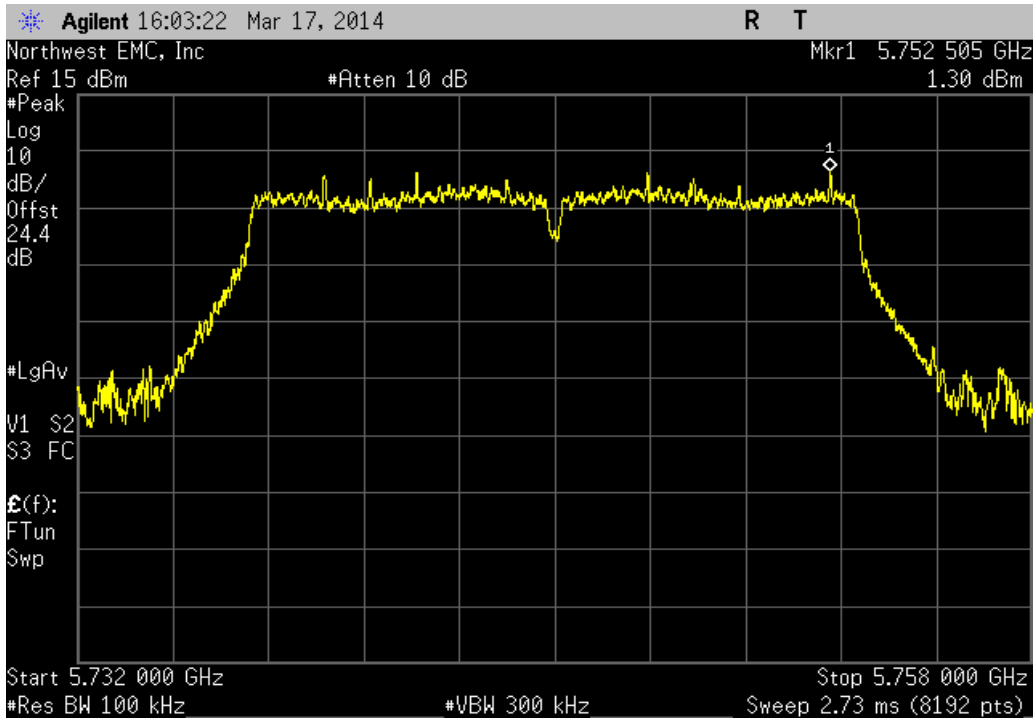
Result

Fundamental

N/A

N/A

N/A



IEEE 802.11(a), 20 MHz, 5725 MHz - 5850 MHz Band, 6 Mbps, Low Channel 149, 5745 MHz

Frequency
Range

Value

Limit

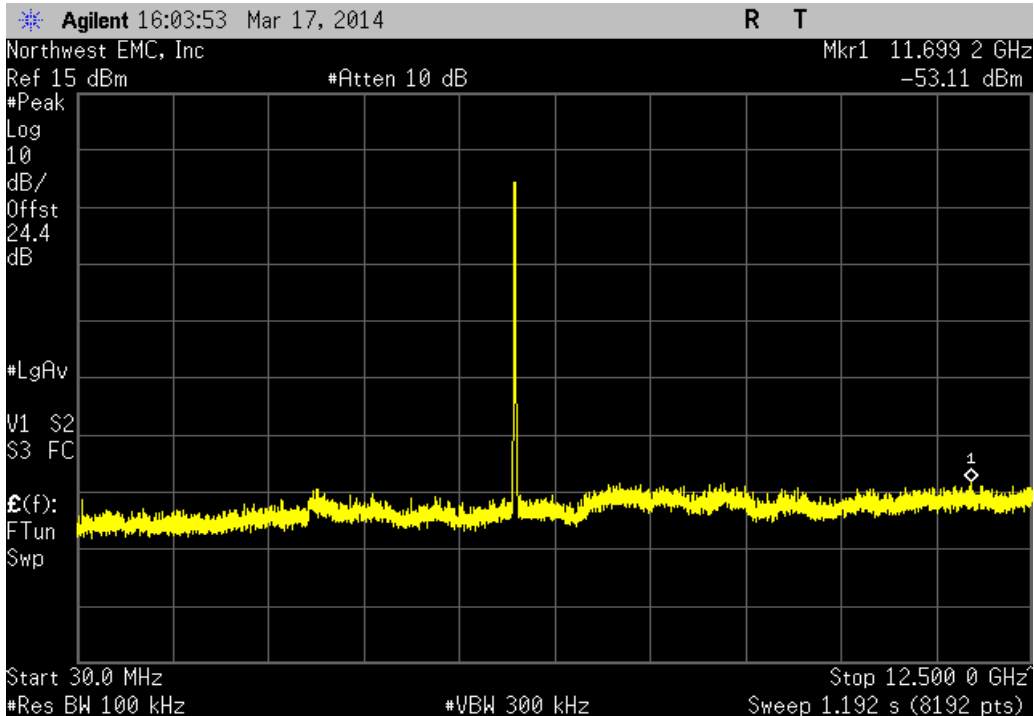
Result

30 MHz - 12.5 GHz

-54.41 dBc

≤ -20 dBc

Pass



IEEE 802.11(a), 20 MHz, 5725 MHz - 5850 MHz Band, 6 Mbps, Low Channel 149, 5745 MHz

Frequency

Range

Value

Limit

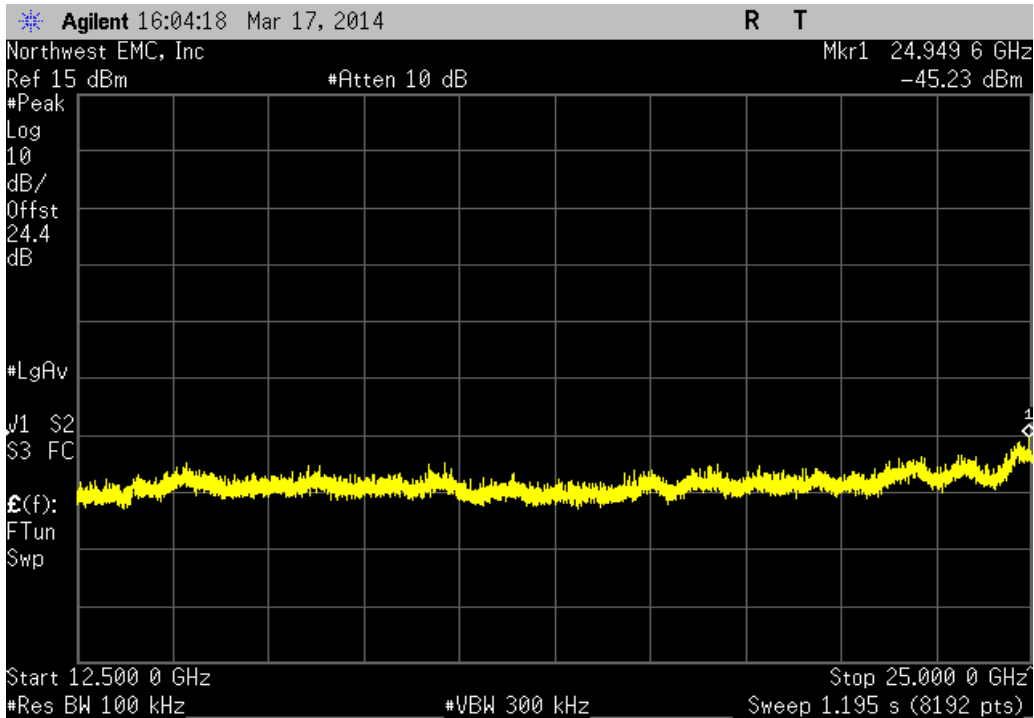
Result

12.5 GHz - 25 GHz

-46.53 dBc

≤ -20 dBc

Pass



IEEE 802.11(a), 20 MHz, 5725 MHz - 5850 MHz Band, 6 Mbps, Low Channel 149, 5745 MHz

Frequency

Range

Value

Limit

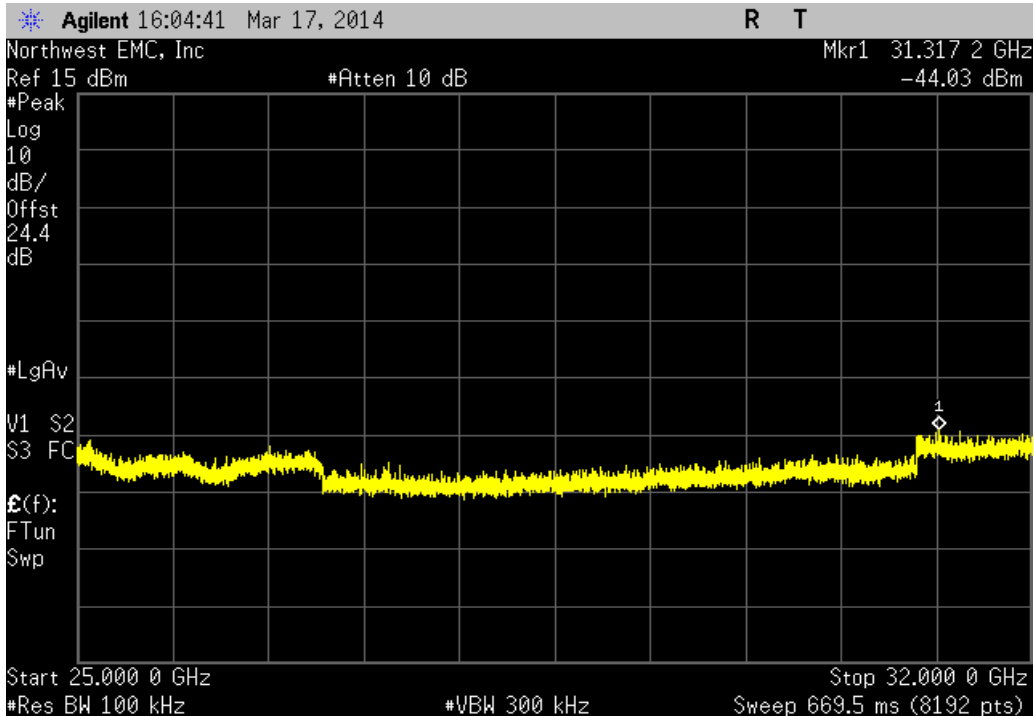
Result

25 GHz - 32 GHz

-45.33 dBc

≤ -20 dBc

Pass



IEEE 802.11(a), 20 MHz, 5725 MHz - 5850 MHz Band, 6 Mbps, Low Channel 149, 5745 MHz

Frequency

Range

Value

Limit

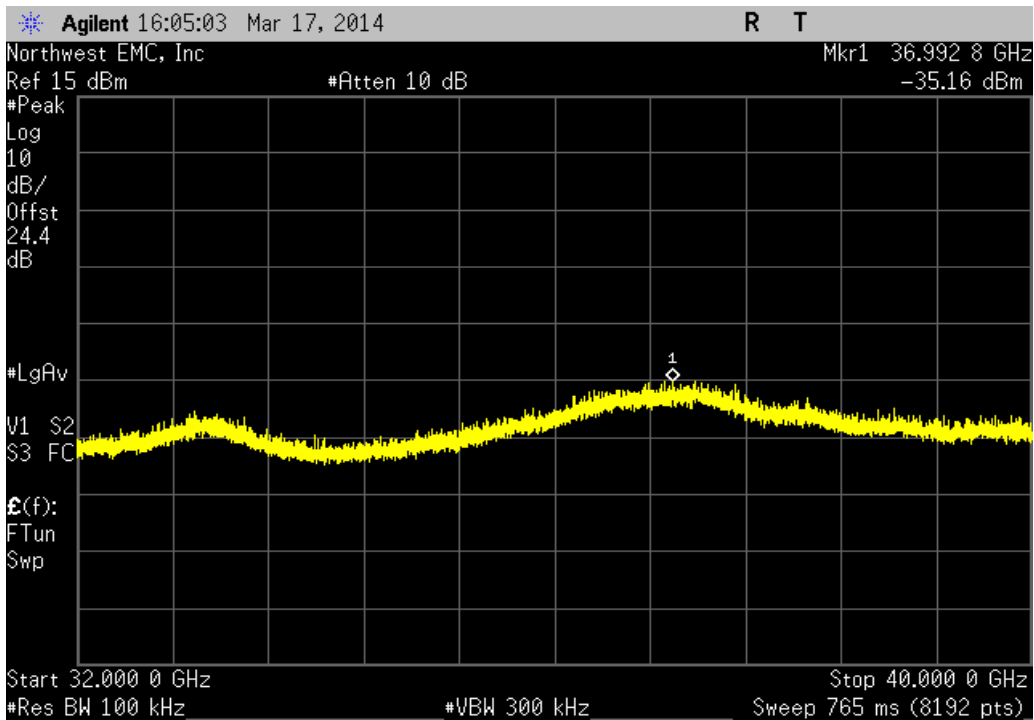
Result

32 GHz - 40 GHz

-36.46 dBc

≤ -20 dBc

Pass



IEEE 802.11(a), 20 MHz, 5725 MHz - 5850 MHz Band, 6 Mbps, Mid Channel 157, 5785 MHz

Frequency

Range

Value

Limit

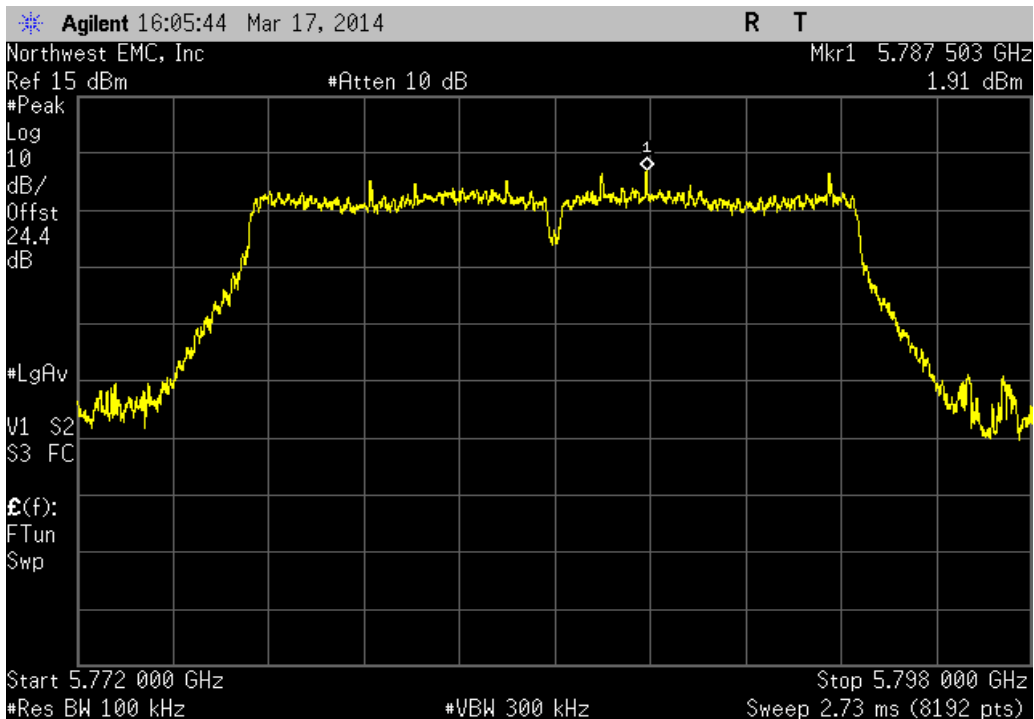
Result

Fundamental

N/A

N/A

N/A



IEEE 802.11(a), 20 MHz, 5725 MHz - 5850 MHz Band, 6 Mbps, Mid Channel 157, 5785 MHz

Frequency

Range

Value

Limit

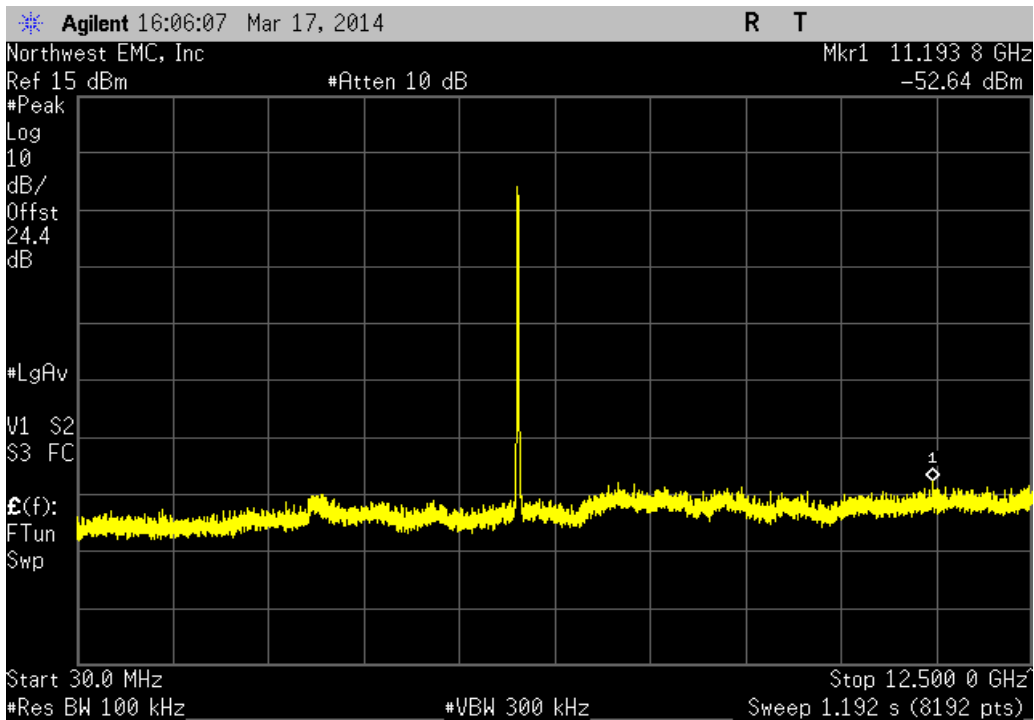
Result

30 MHz - 12.5 GHz

-54.55 dBc

≤ -20 dBc

Pass



IEEE 802.11(a), 20 MHz, 5725 MHz - 5850 MHz Band, 6 Mbps, Mid Channel 157, 5785 MHz

Frequency

Range

Value

Limit

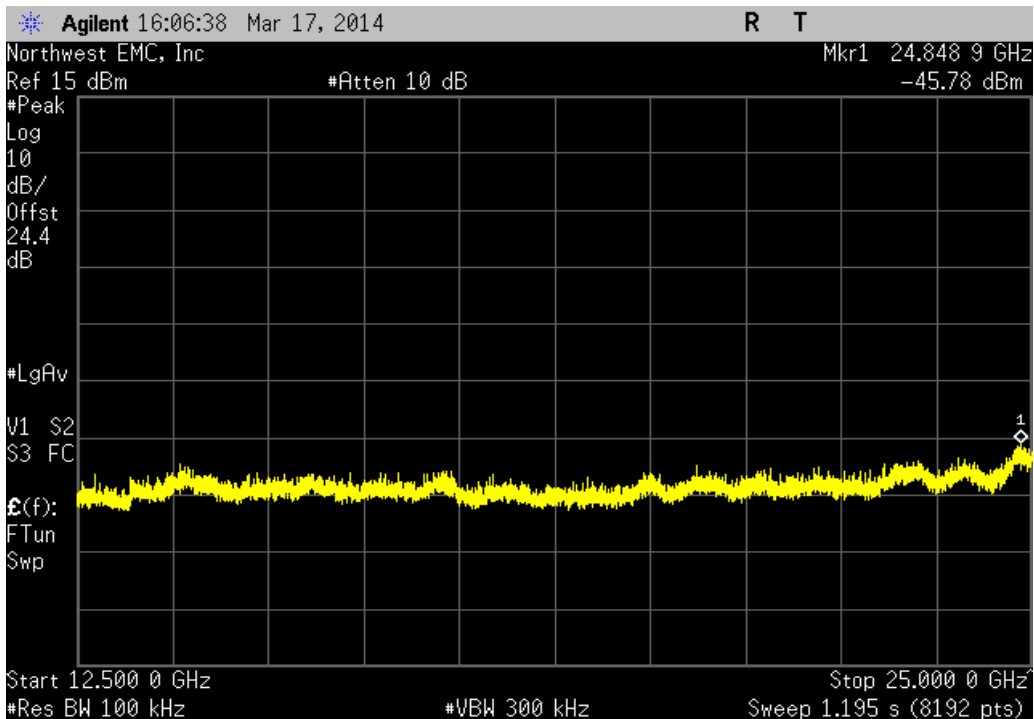
Result

12.5 GHz - 25 GHz

-47.69 dBc

≤ -20 dBc

Pass



IEEE 802.11(a), 20 MHz, 5725 MHz - 5850 MHz Band, 6 Mbps, Mid Channel 157, 5785 MHz

Frequency

Range

Value

Limit

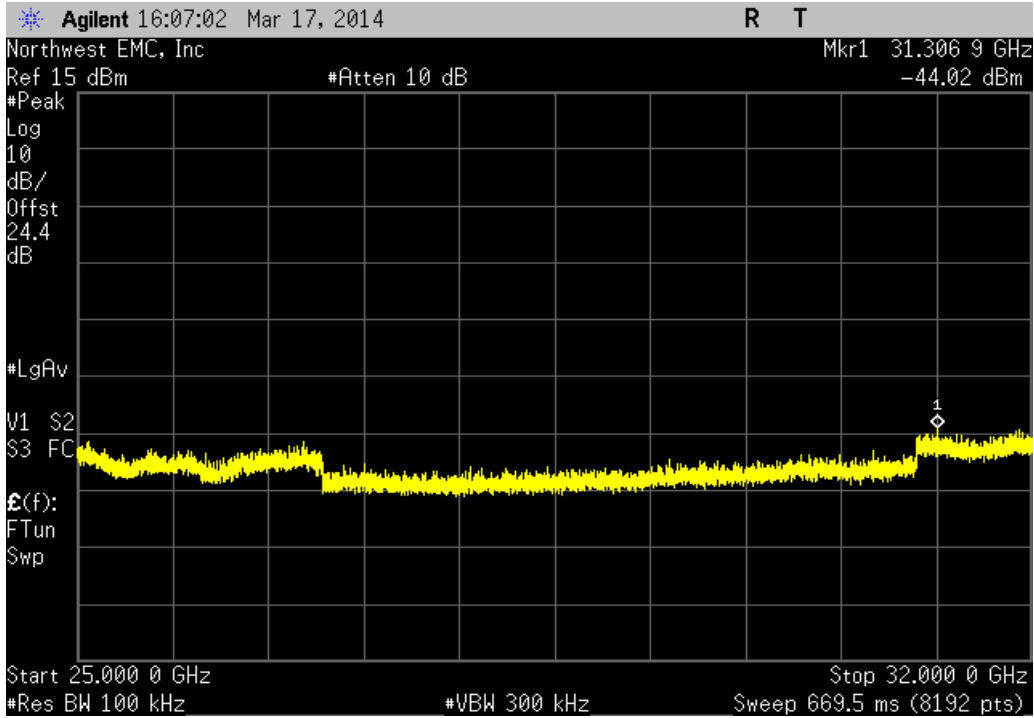
Result

25 GHz - 32 GHz

-45.93 dBc

≤ -20 dBc

Pass



IEEE 802.11(a), 20 MHz, 5725 MHz - 5850 MHz Band, 6 Mbps, Mid Channel 157, 5785 MHz

Frequency

Range

Value

Limit

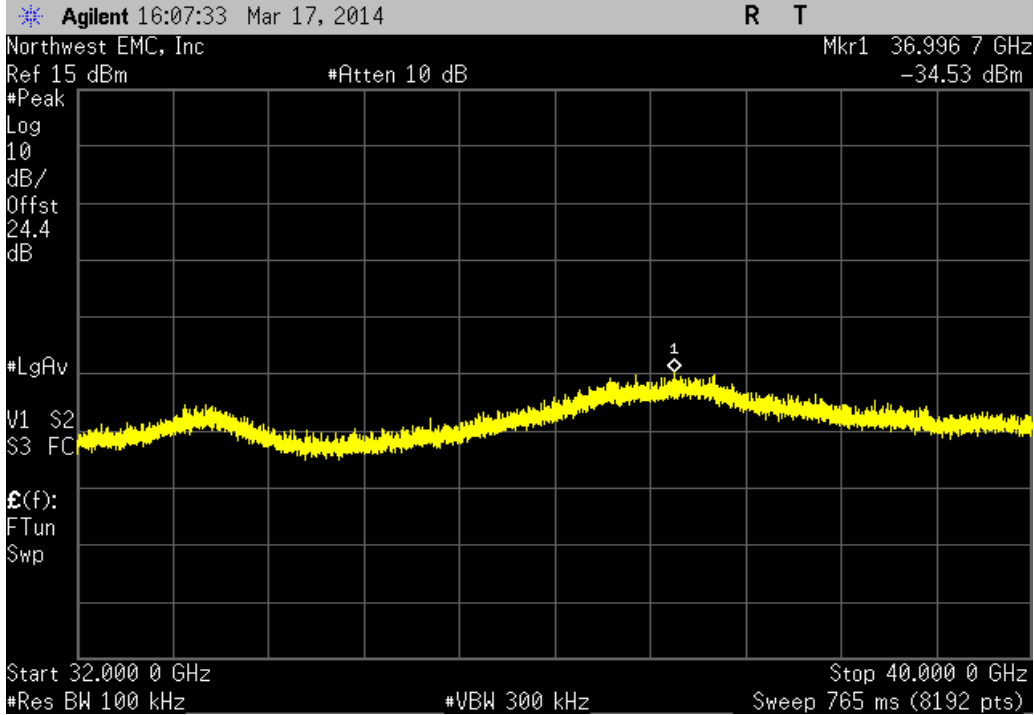
Result

32 GHz - 40 GHz

-36.45 dBc

≤ -20 dBc

Pass



IEEE 802.11(a), 20 MHz, 5725 MHz - 5850 MHz Band, 6 Mbps, High Channel 165, 5825 MHz

Frequency
Range

Value

Limit

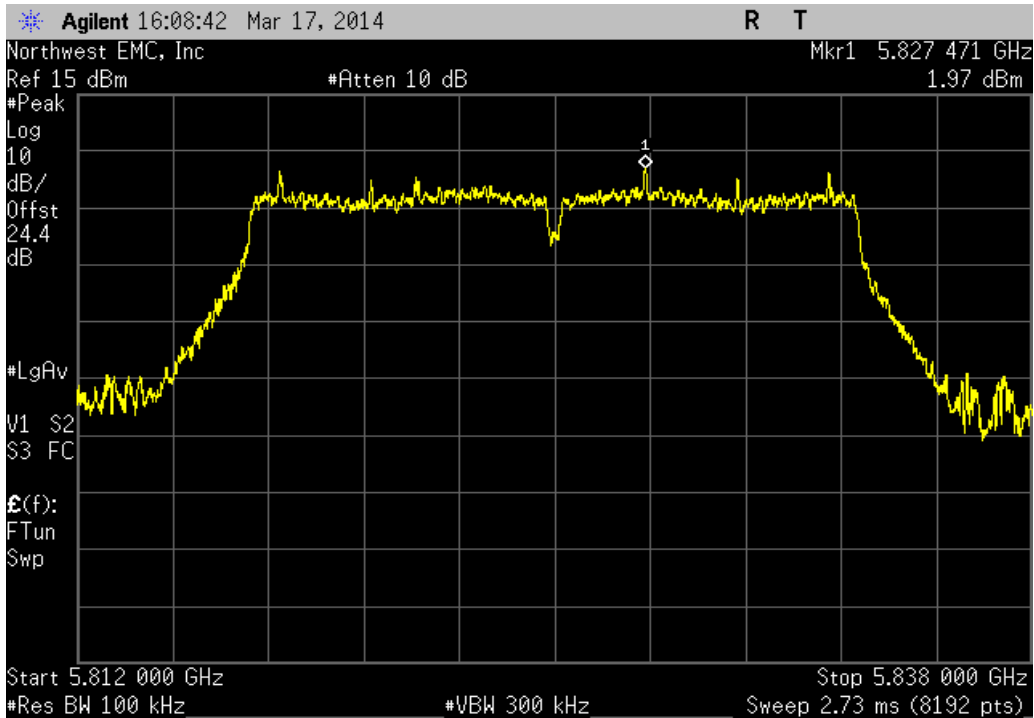
Result

Fundamental

N/A

N/A

N/A



IEEE 802.11(a), 20 MHz, 5725 MHz - 5850 MHz Band, 6 Mbps, High Channel 165, 5825 MHz

Frequency
Range

Value

Limit

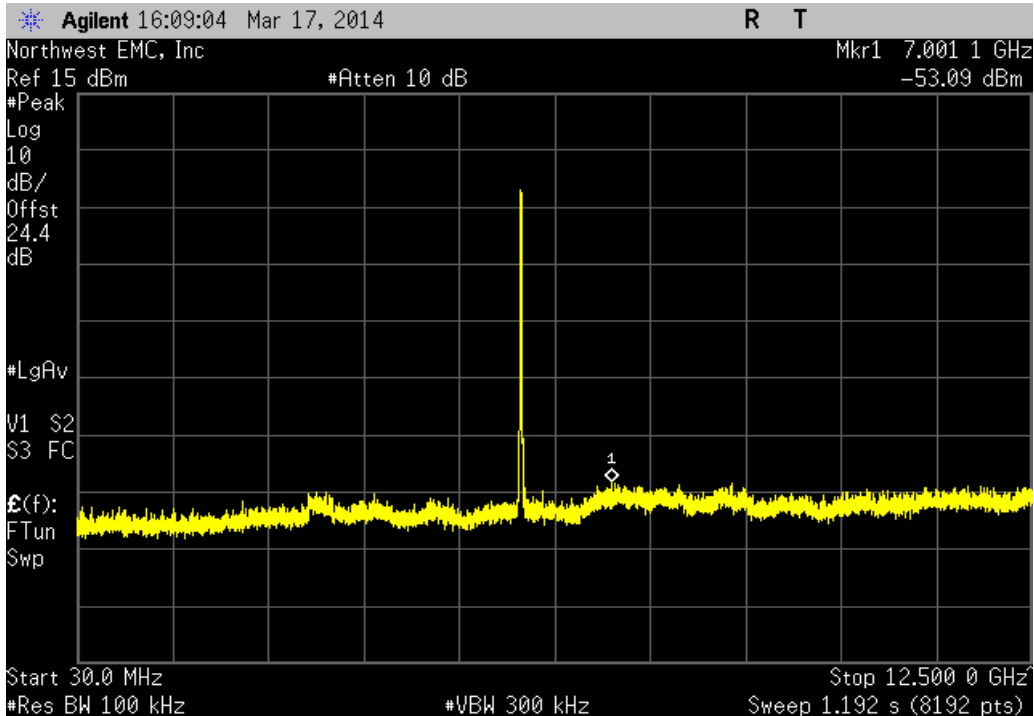
Result

30 MHz - 12.5 GHz

-55.06 dBc

≤ -20 dBc

Pass



IEEE 802.11(a), 20 MHz, 5725 MHz - 5850 MHz Band, 6 Mbps, High Channel 165, 5825 MHz

Frequency

Range

Value

Limit

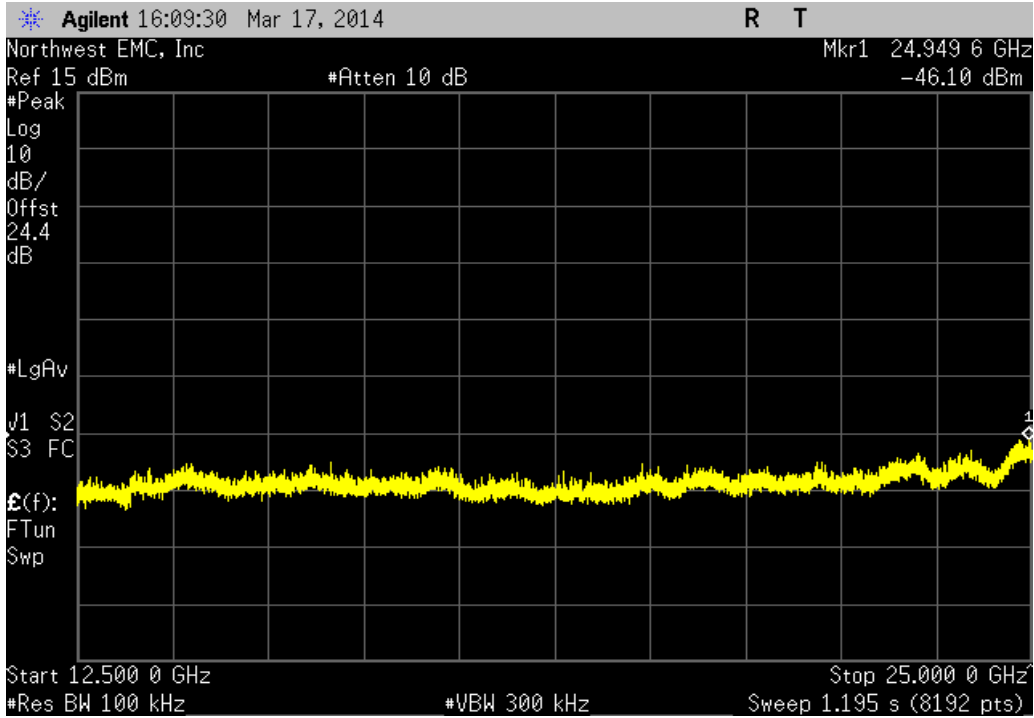
Result

12.5 GHz - 25 GHz

-48.07 dBc

≤ -20 dBc

Pass



IEEE 802.11(a), 20 MHz, 5725 MHz - 5850 MHz Band, 6 Mbps, High Channel 165, 5825 MHz

Frequency

Range

Value

Limit

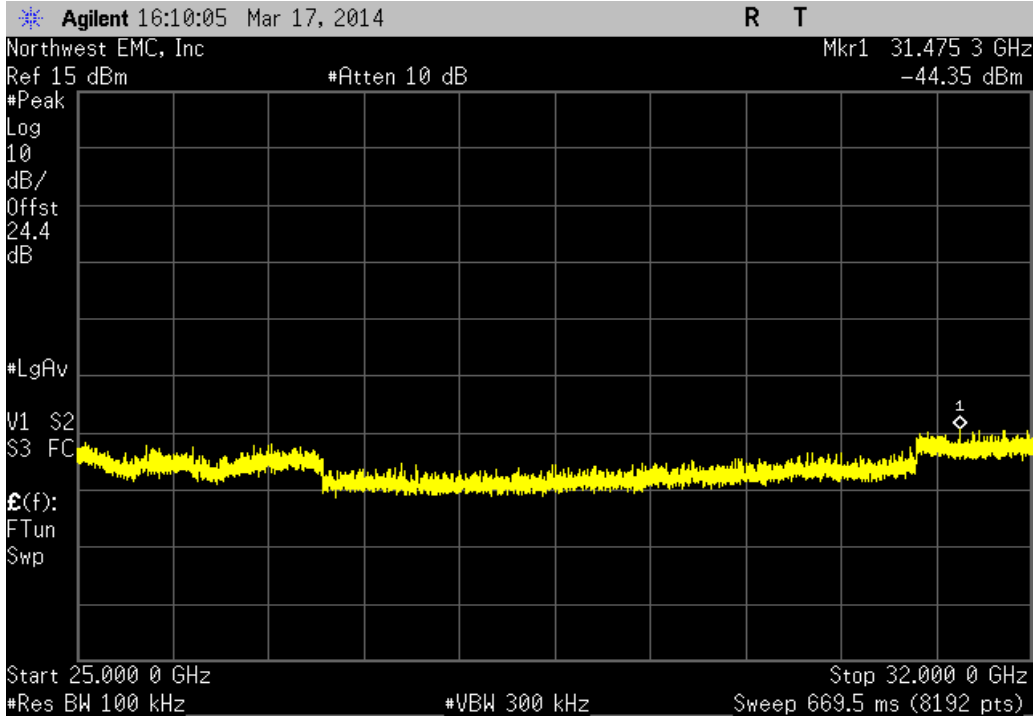
Result

25 GHz - 32 GHz

-46.32 dBc

≤ -20 dBc

Pass



IEEE 802.11(a), 20 MHz, 5725 MHz - 5850 MHz Band, 6 Mbps, High Channel 165, 5825 MHz

Frequency

Range

Value

Limit

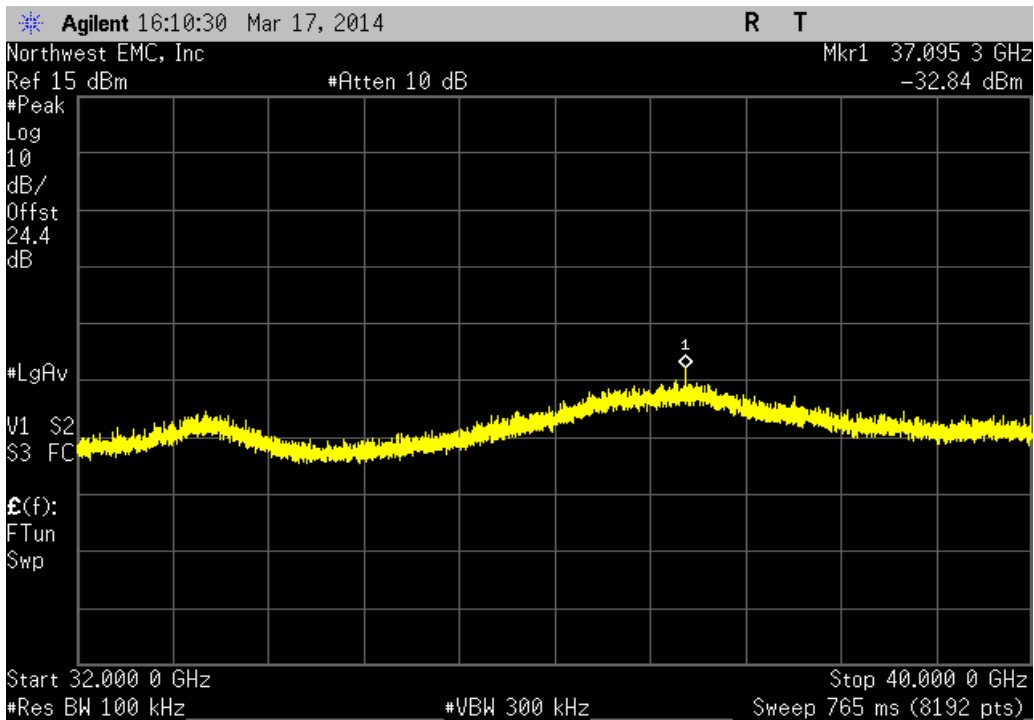
Result

32 GHz - 40 GHz

-34.81 dBc

≤ -20 dBc

Pass



IEEE 802.11(a), 20 MHz, 5725 MHz - 5850 MHz Band, 36 Mbps, Low Channel 149, 5745 MHz

Frequency

Range

Value

Limit

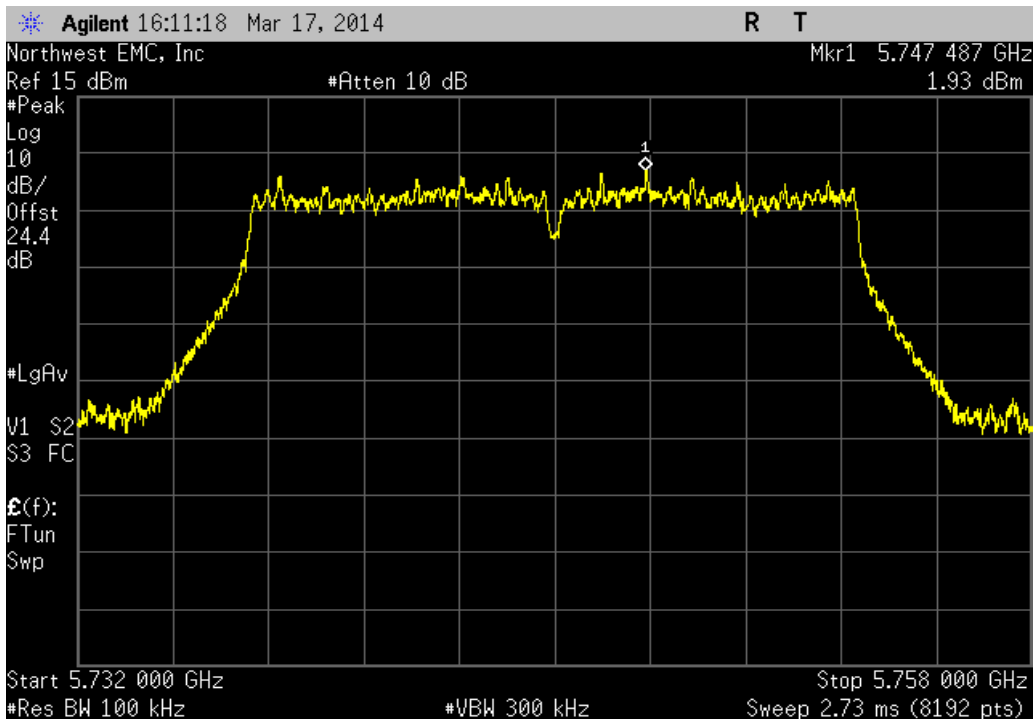
Result

Fundamental

N/A

N/A

N/A



IEEE 802.11(a), 20 MHz, 5725 MHz - 5850 MHz Band, 36 Mbps, Low Channel 149, 5745 MHz

Frequency

Range

Value

Limit

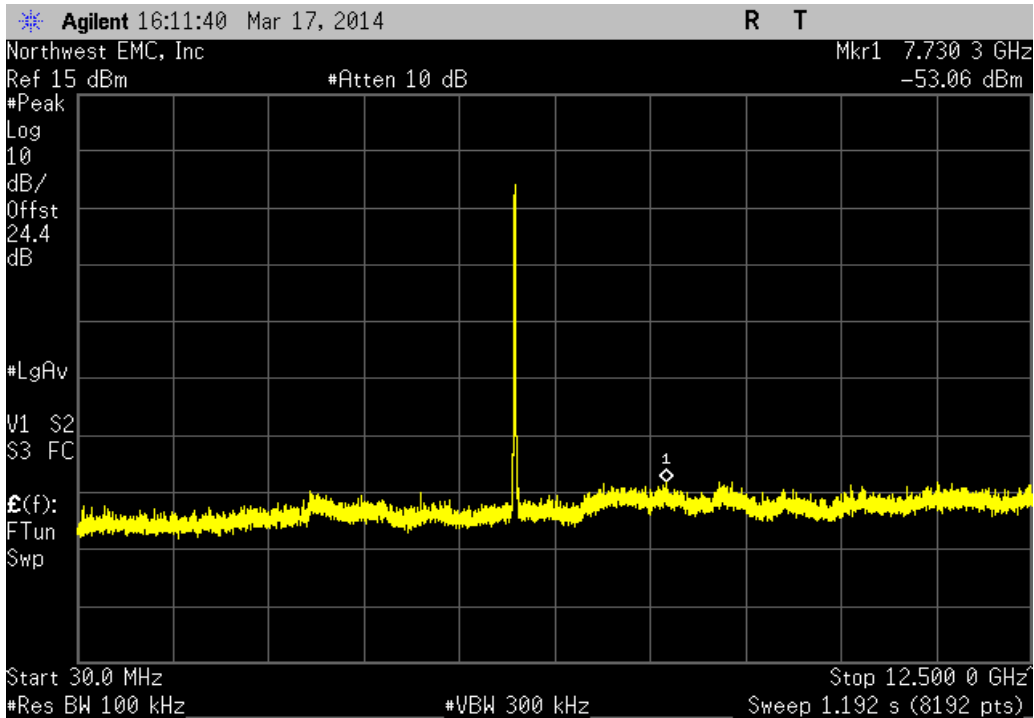
Result

30 MHz - 12.5 GHz

-54.99 dBc

≤ -20 dBc

Pass



IEEE 802.11(a), 20 MHz, 5725 MHz - 5850 MHz Band, 36 Mbps, Low Channel 149, 5745 MHz

Frequency

Range

Value

Limit

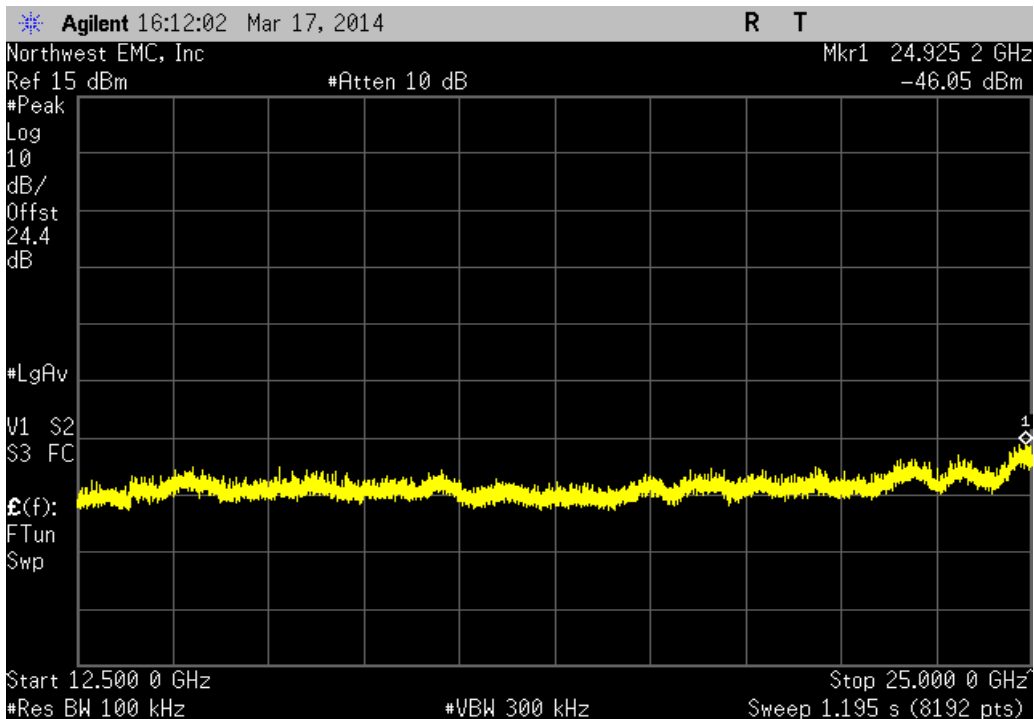
Result

12.5 GHz - 25 GHz

-47.98 dBc

≤ -20 dBc

Pass



IEEE 802.11(a), 20 MHz, 5725 MHz - 5850 MHz Band, 36 Mbps, Low Channel 149, 5745 MHz

Frequency

Range

Value

Limit

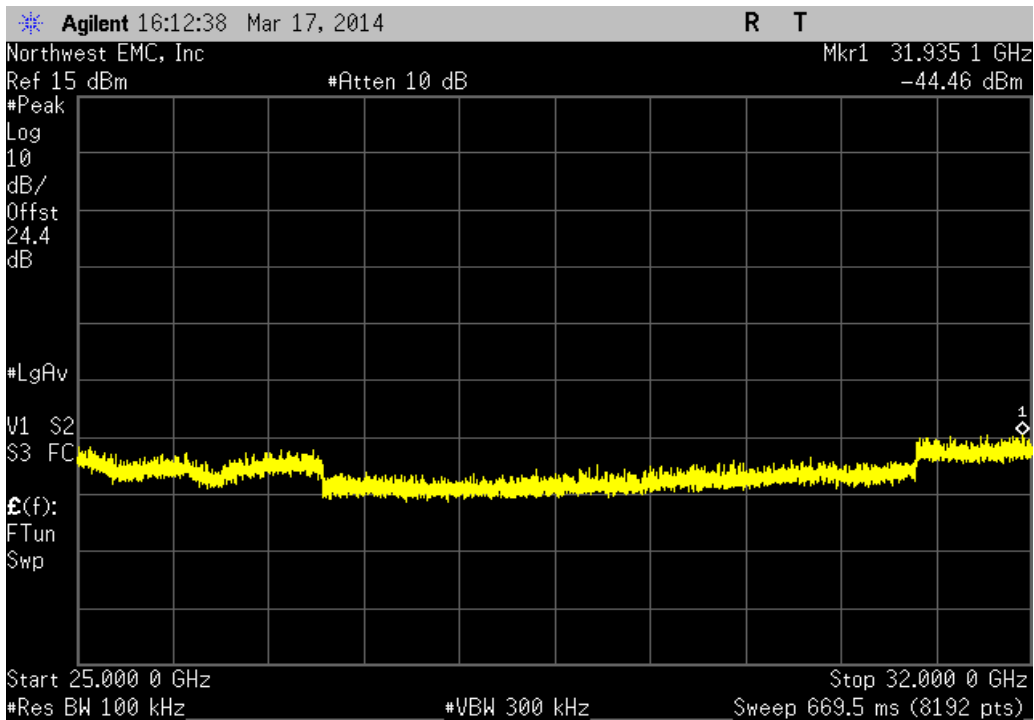
Result

25 GHz - 32 GHz

-46.39 dBc

≤ -20 dBc

Pass



IEEE 802.11(a), 20 MHz, 5725 MHz - 5850 MHz Band, 36 Mbps, Low Channel 149, 5745 MHz

Frequency

Range

Value

Limit

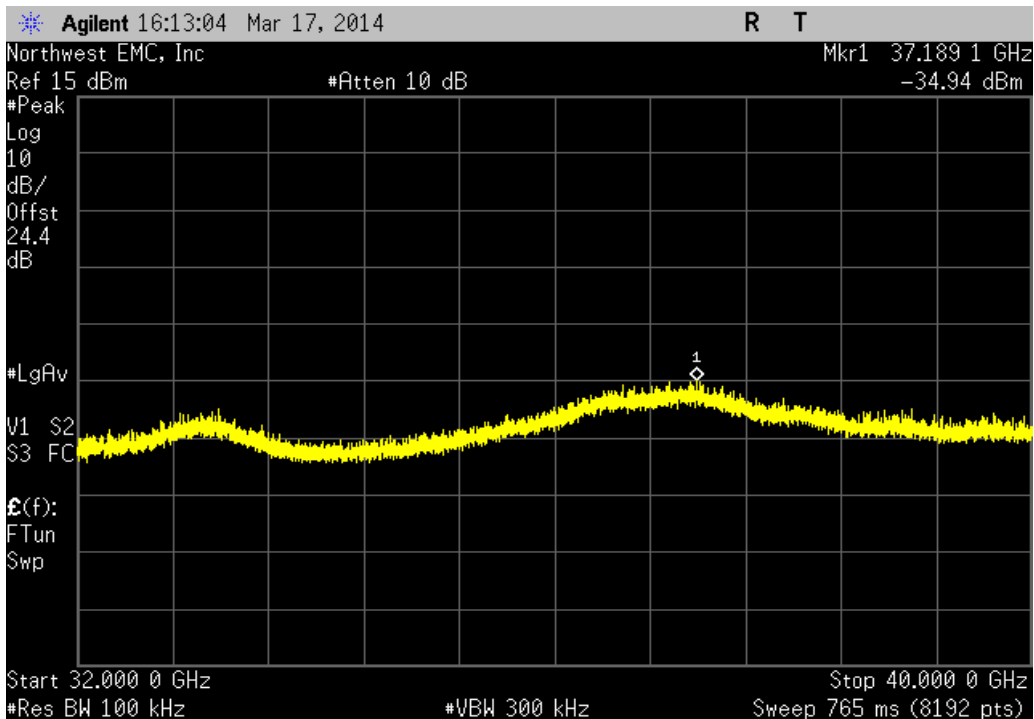
Result

32 GHz - 40 GHz

-36.87 dBc

≤ -20 dBc

Pass



IEEE 802.11(a), 20 MHz, 5725 MHz - 5850 MHz Band, 36 Mbps, Mid Channel 157, 5785 MHz

**Frequency
Range**

Value

Limit

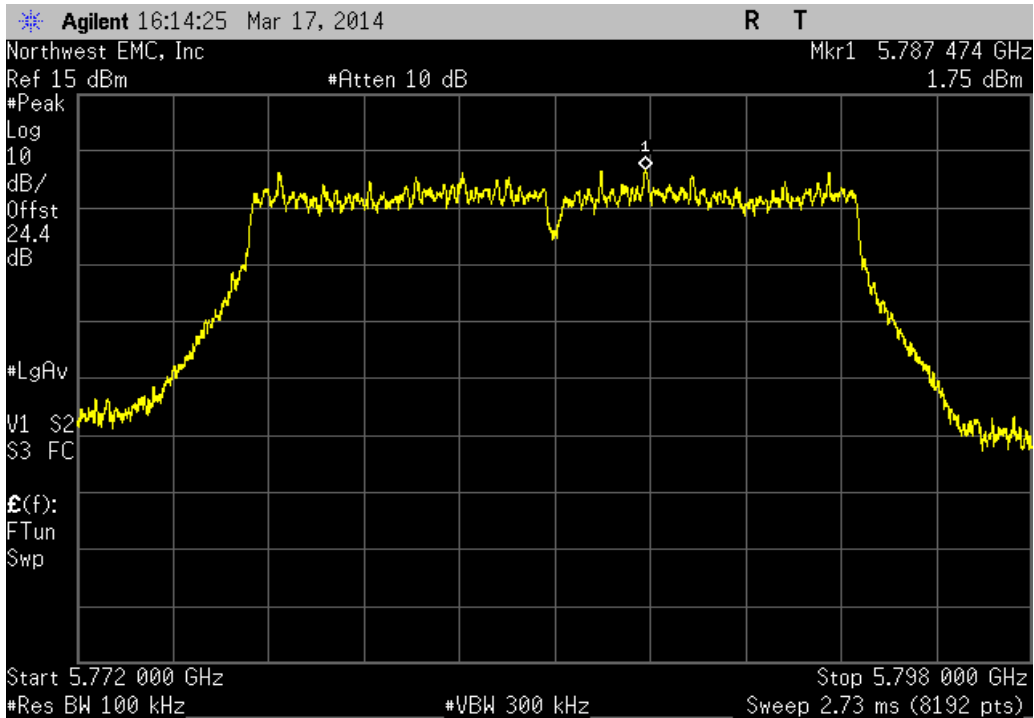
Result

Fundamental

N/A

N/A

N/A



IEEE 802.11(a), 20 MHz, 5725 MHz - 5850 MHz Band, 36 Mbps, Mid Channel 157, 5785 MHz

**Frequency
Range**

Value

Limit

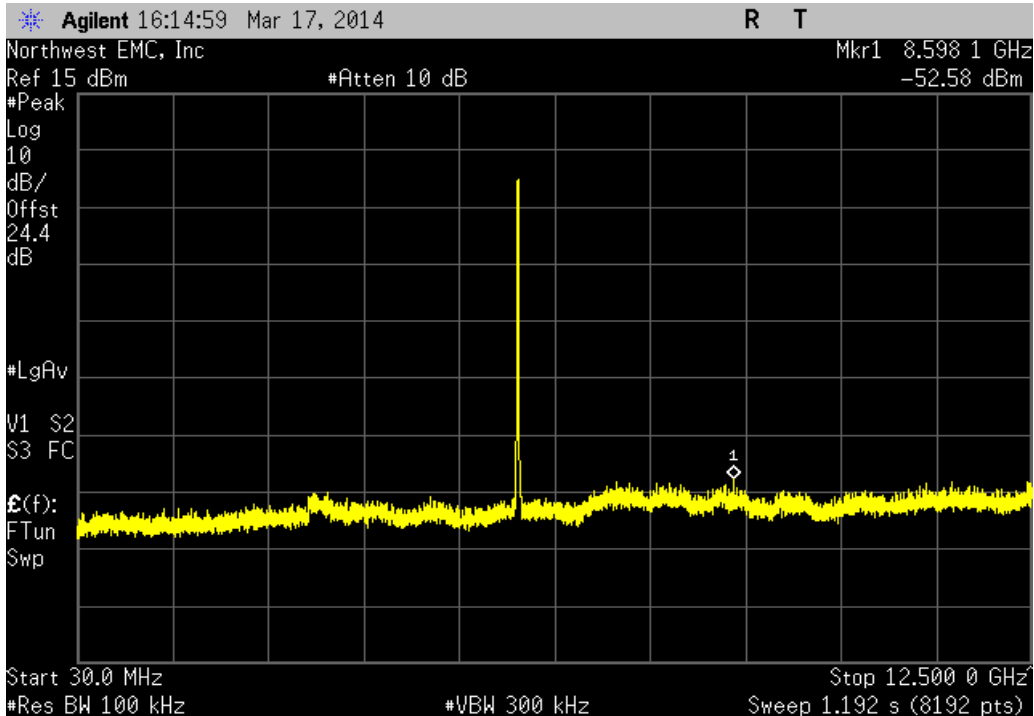
Result

30 MHz - 12.5 GHz

-54.33 dBc

≤ -20 dBc

Pass



IEEE 802.11(a), 20 MHz, 5725 MHz - 5850 MHz Band, 36 Mbps, Mid Channel 157, 5785 MHz

Frequency

Range

Value

Limit

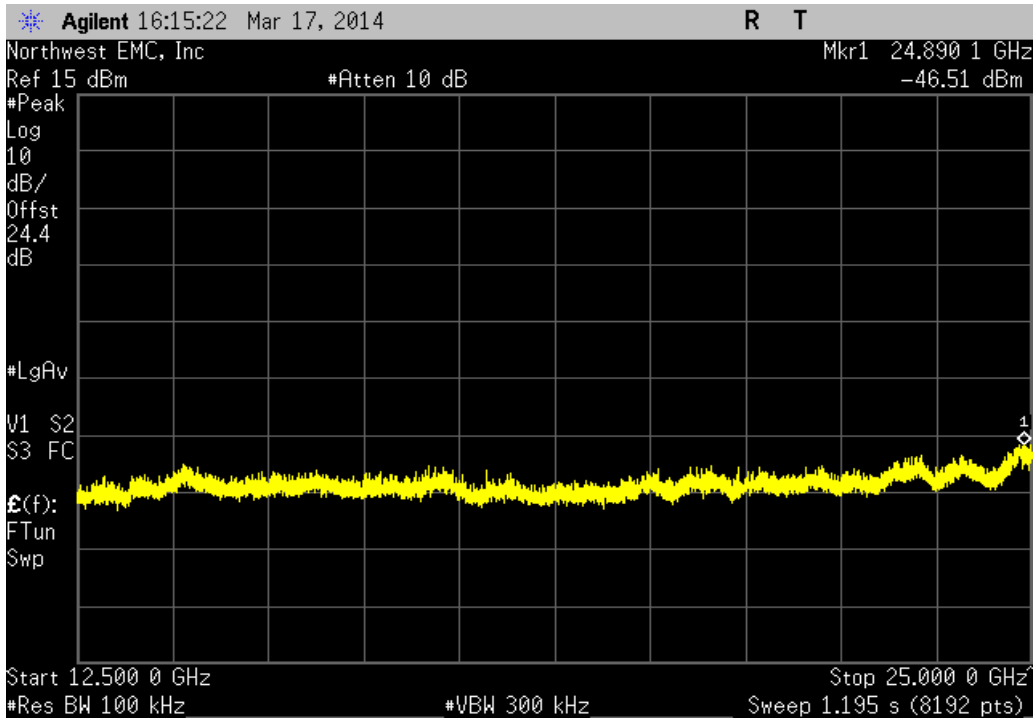
Result

12.5 GHz - 25 GHz

-48.26 dBc

≤ -20 dBc

Pass



IEEE 802.11(a), 20 MHz, 5725 MHz - 5850 MHz Band, 36 Mbps, Mid Channel 157, 5785 MHz

Frequency

Range

Value

Limit

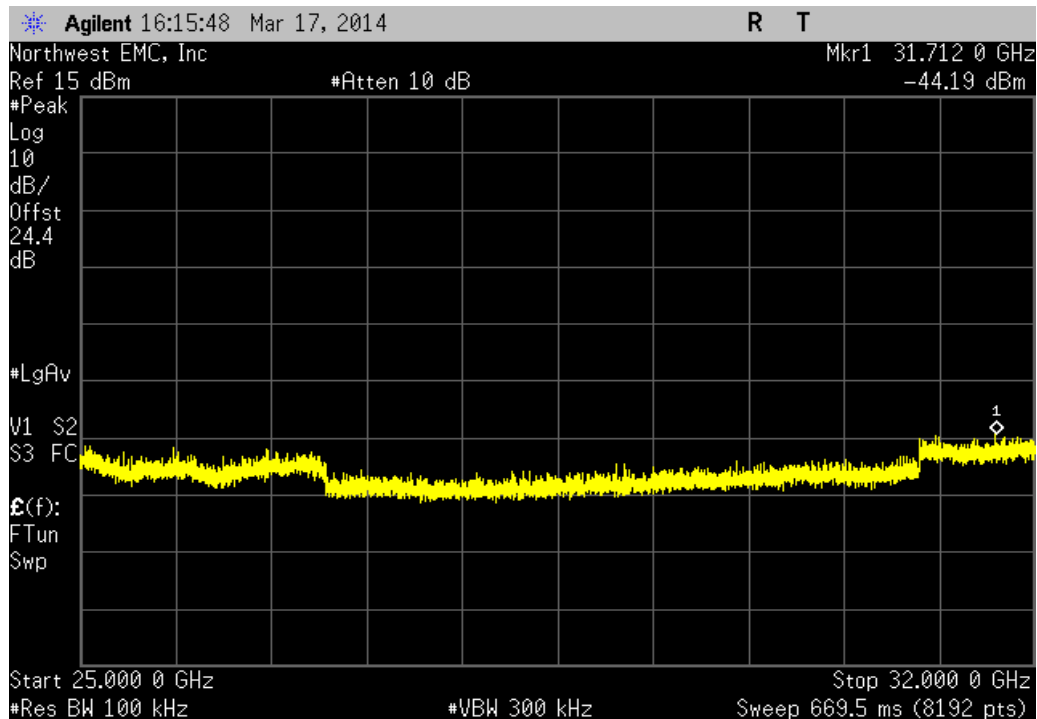
Result

25 GHz - 32 GHz

-45.94 dBc

≤ -20 dBc

Pass



IEEE 802.11(a), 20 MHz, 5725 MHz - 5850 MHz Band, 36 Mbps, Mid Channel 157, 5785 MHz

Frequency

Range

Value

Limit

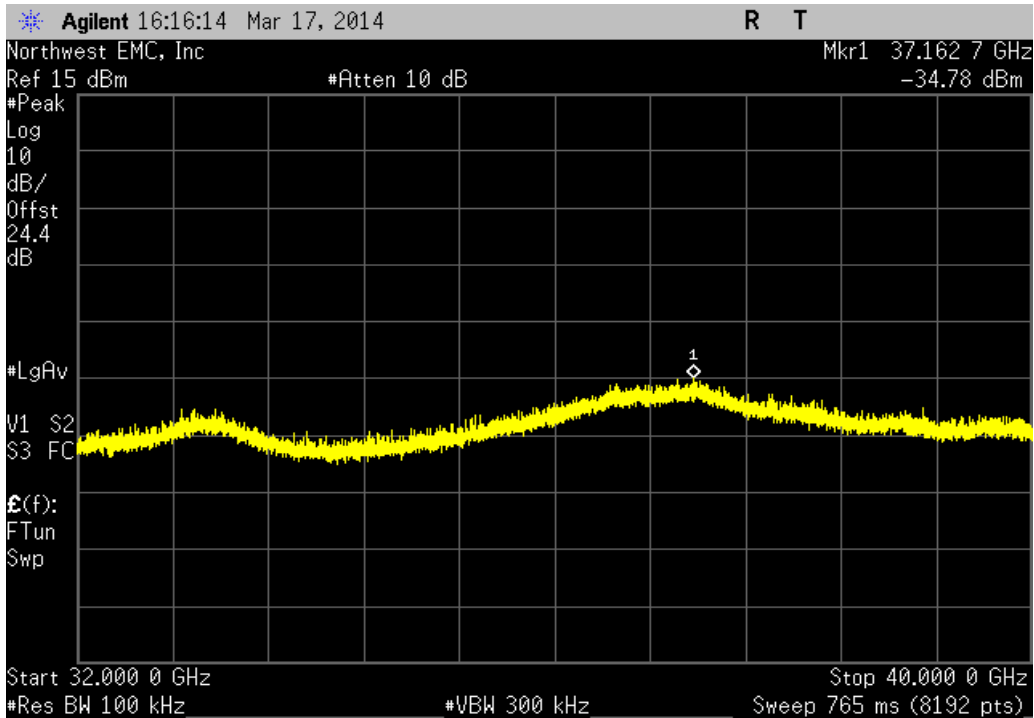
Result

32 GHz - 40 GHz

-36.53 dBc

≤ -20 dBc

Pass



IEEE 802.11(a), 20 MHz, 5725 MHz - 5850 MHz Band, 36 Mbps, High Channel 165, 5825 MHz

Frequency

Range

Value

Limit

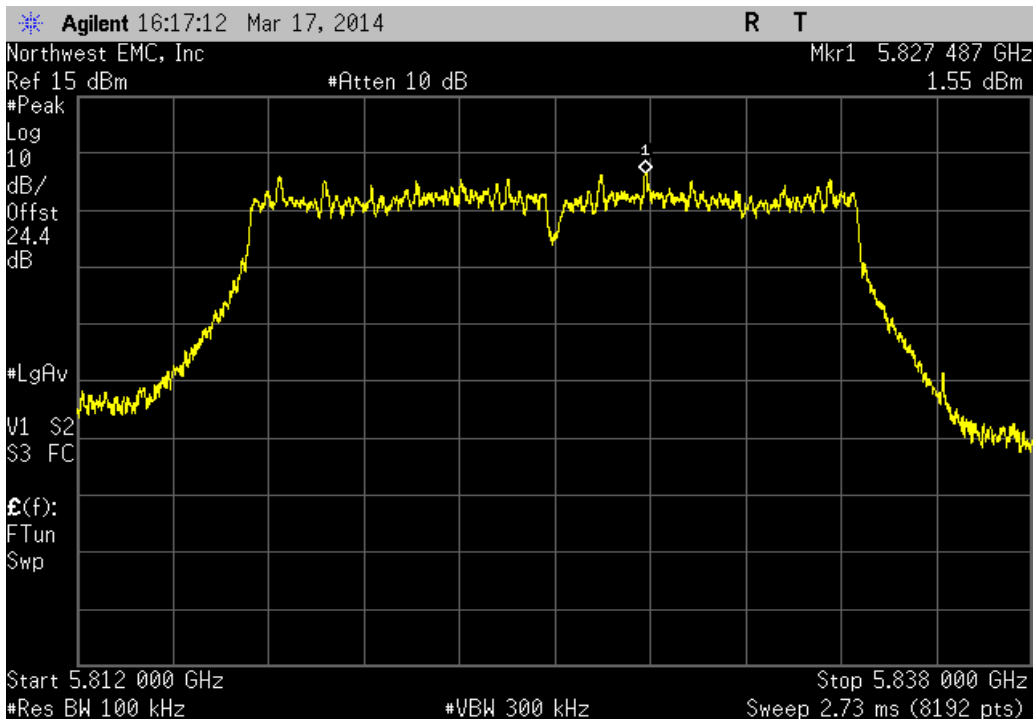
Result

Fundamental

N/A

N/A

N/A



IEEE 802.11(a), 20 MHz, 5725 MHz - 5850 MHz Band, 36 Mbps, High Channel 165, 5825 MHz

Frequency

Range

Value

Limit

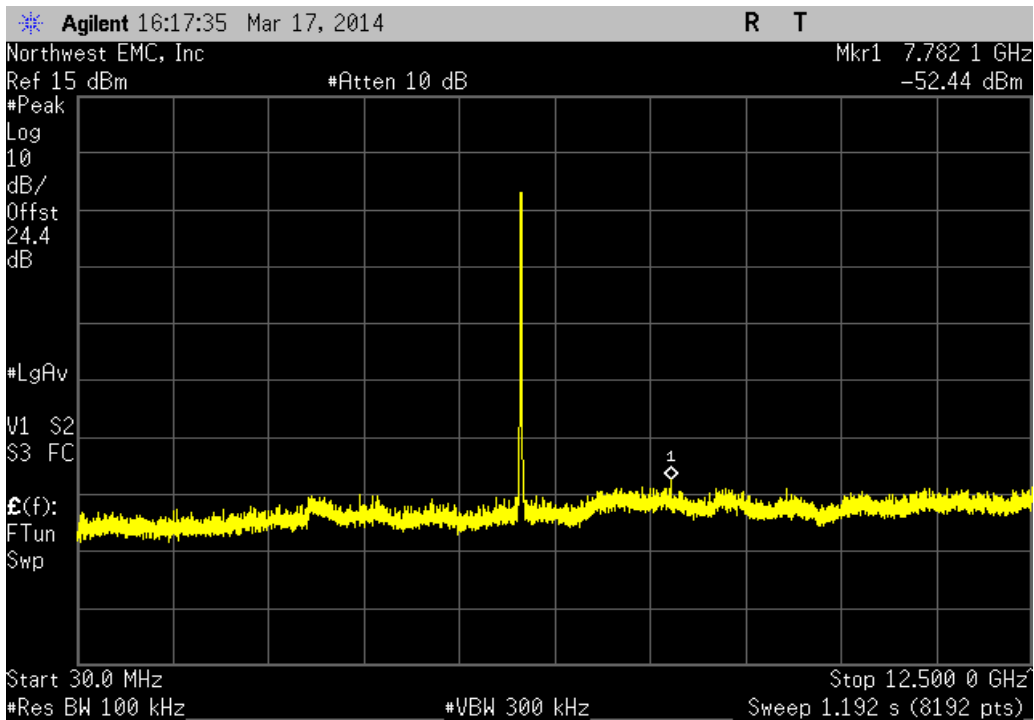
Result

30 MHz - 12.5 GHz

-53.99 dBc

≤ -20 dBc

Pass



IEEE 802.11(a), 20 MHz, 5725 MHz - 5850 MHz Band, 36 Mbps, High Channel 165, 5825 MHz

Frequency

Range

Value

Limit

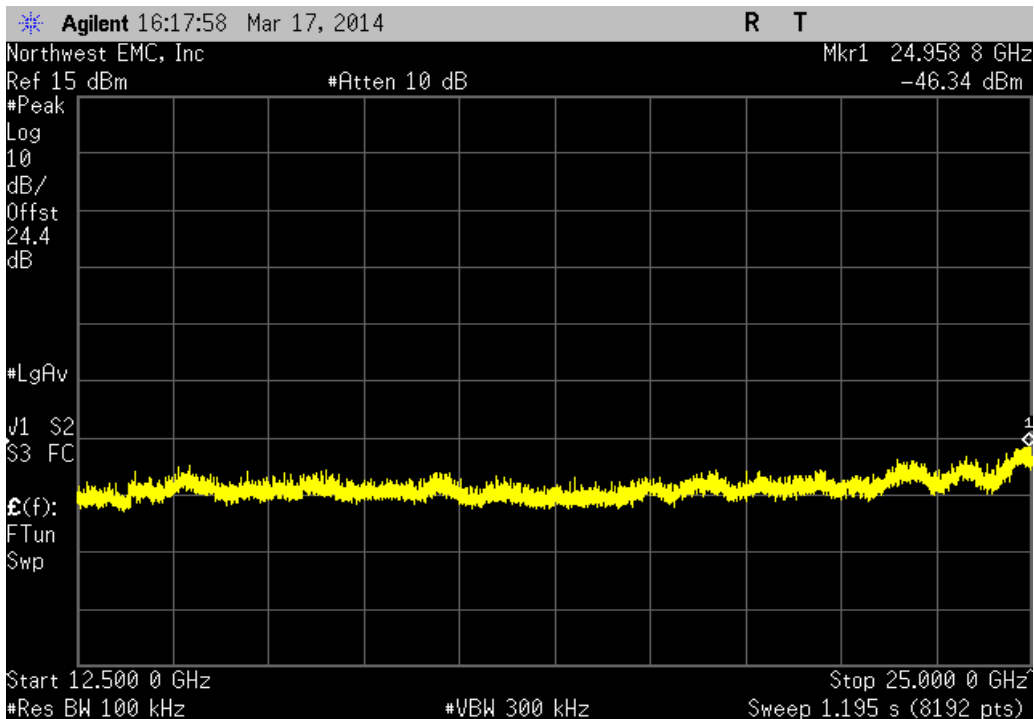
Result

12.5 GHz - 25 GHz

-47.89 dBc

≤ -20 dBc

Pass



IEEE 802.11(a), 20 MHz, 5725 MHz - 5850 MHz Band, 36 Mbps, High Channel 165, 5825 MHz

Frequency

Range

Value

Limit

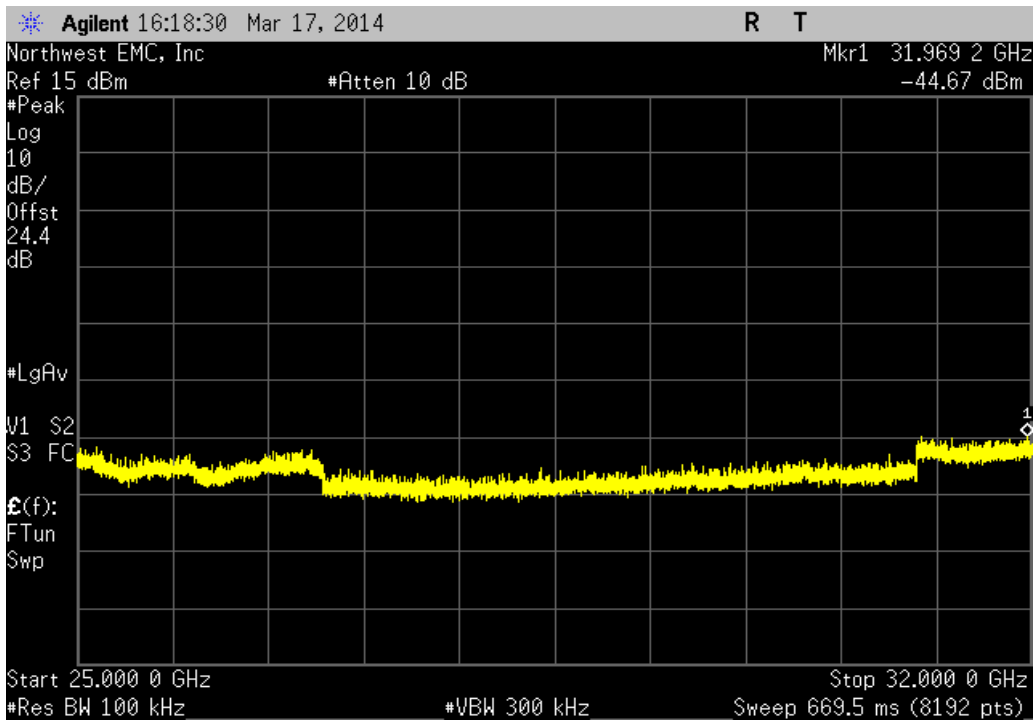
Result

25 GHz - 32 GHz

-46.22 dBc

≤ -20 dBc

Pass



IEEE 802.11(a), 20 MHz, 5725 MHz - 5850 MHz Band, 36 Mbps, High Channel 165, 5825 MHz

Frequency

Range

Value

Limit

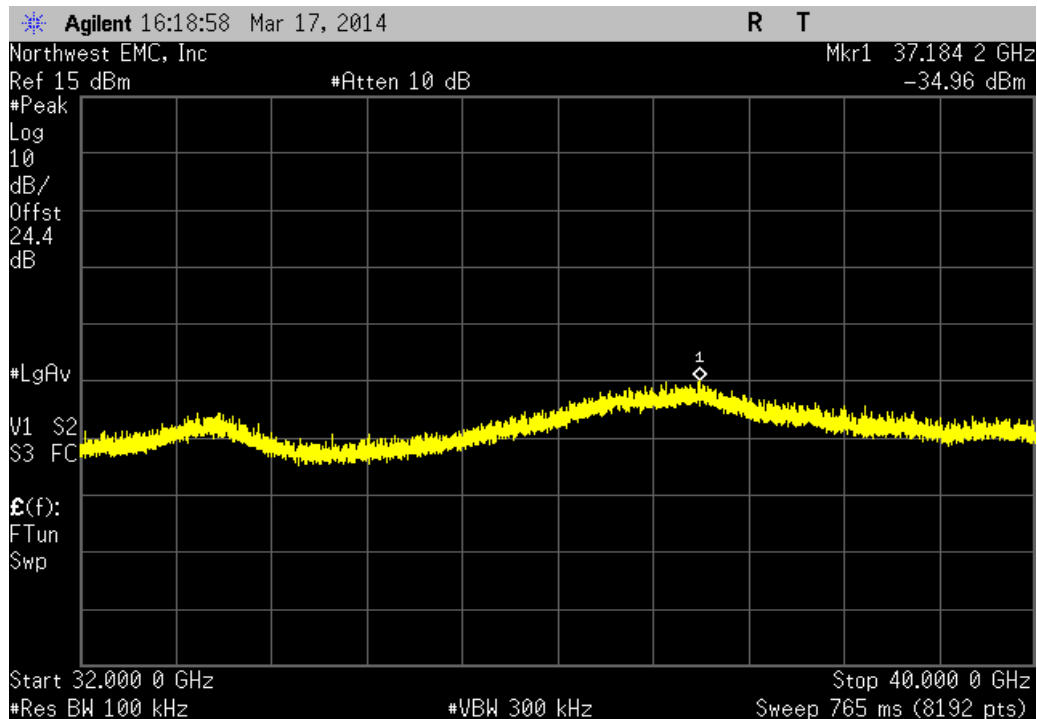
Result

32 GHz - 40 GHz

-36.51 dBc

≤ -20 dBc

Pass



IEEE 802.11(a), 20 MHz, 5725 MHz - 5850 MHz Band, 54 Mbps, Low Channel 149, 5745 MHz

Frequency
Range

Value

Limit

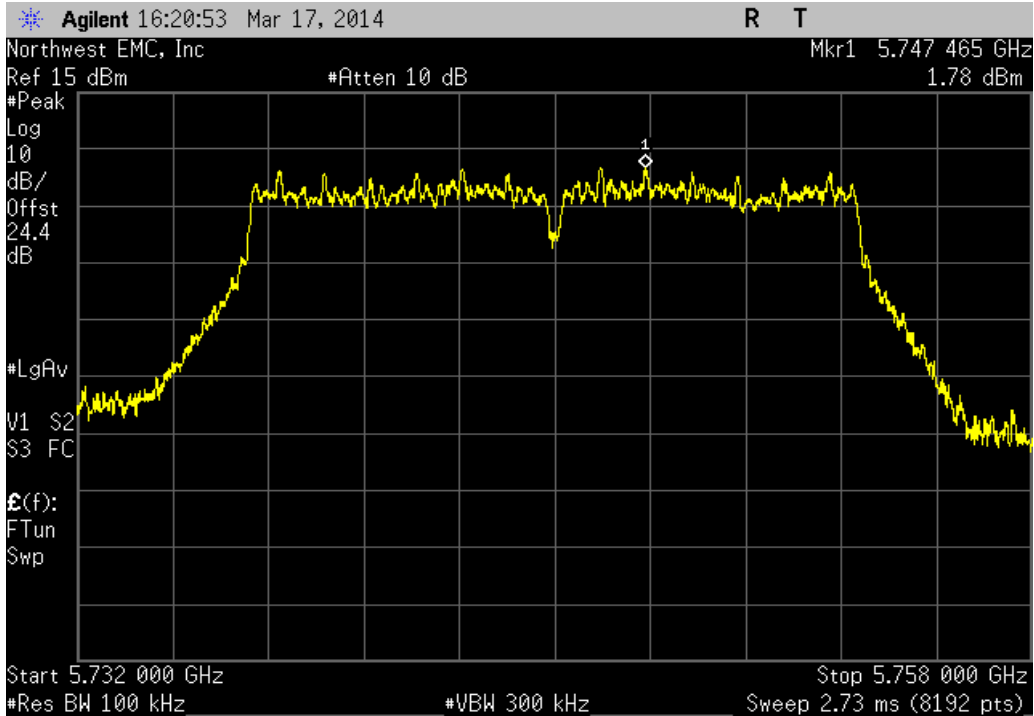
Result

Fundamental

N/A

N/A

N/A



IEEE 802.11(a), 20 MHz, 5725 MHz - 5850 MHz Band, 54 Mbps, Low Channel 149, 5745 MHz

Frequency
Range

Value

Limit

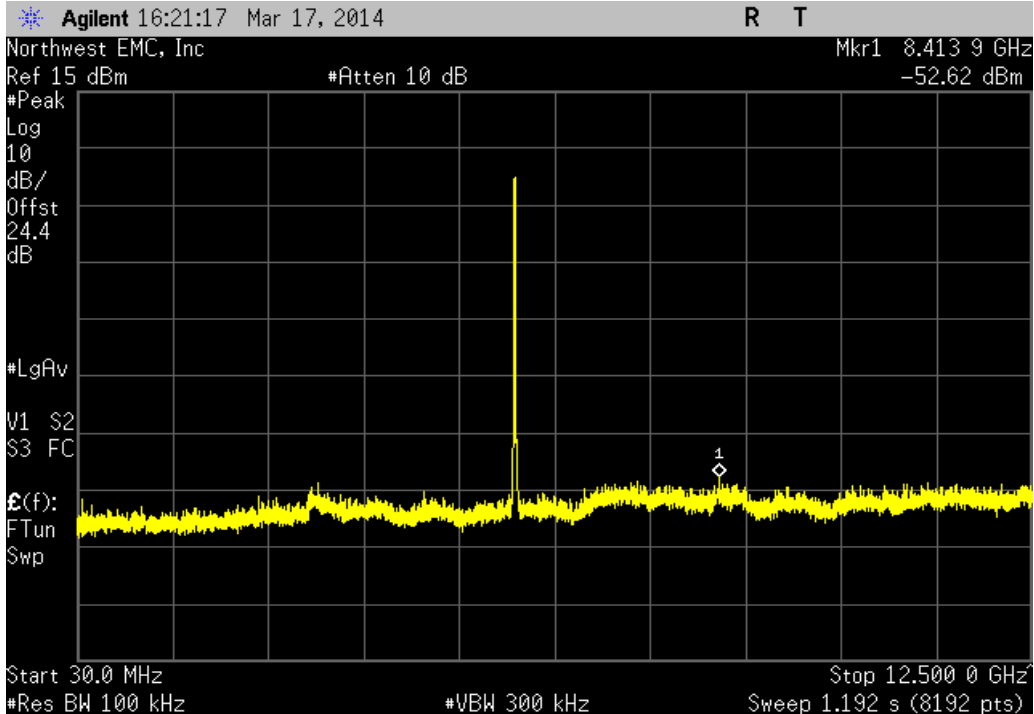
Result

30 MHz - 12.5 GHz

-54.4 dBc

≤ -20 dBc

Pass



IEEE 802.11(a), 20 MHz, 5725 MHz - 5850 MHz Band, 54 Mbps, Low Channel 149, 5745 MHz

Frequency

Range

Value

Limit

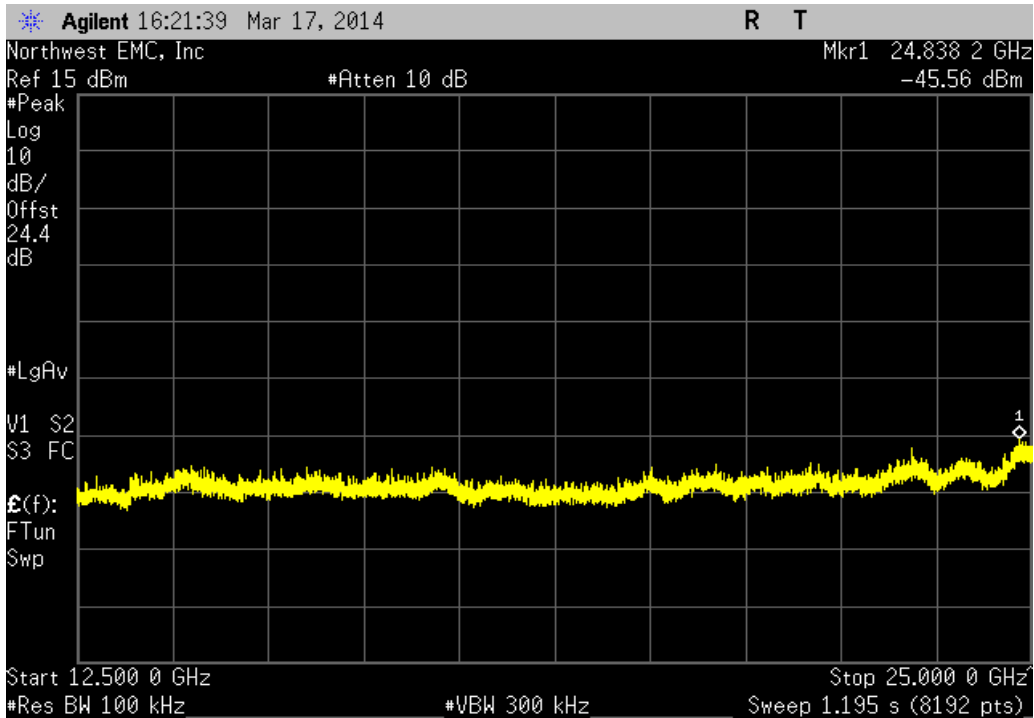
Result

12.5 GHz - 25 GHz

-47.34 dBc

≤ -20 dBc

Pass



IEEE 802.11(a), 20 MHz, 5725 MHz - 5850 MHz Band, 54 Mbps, Low Channel 149, 5745 MHz

Frequency

Range

Value

Limit

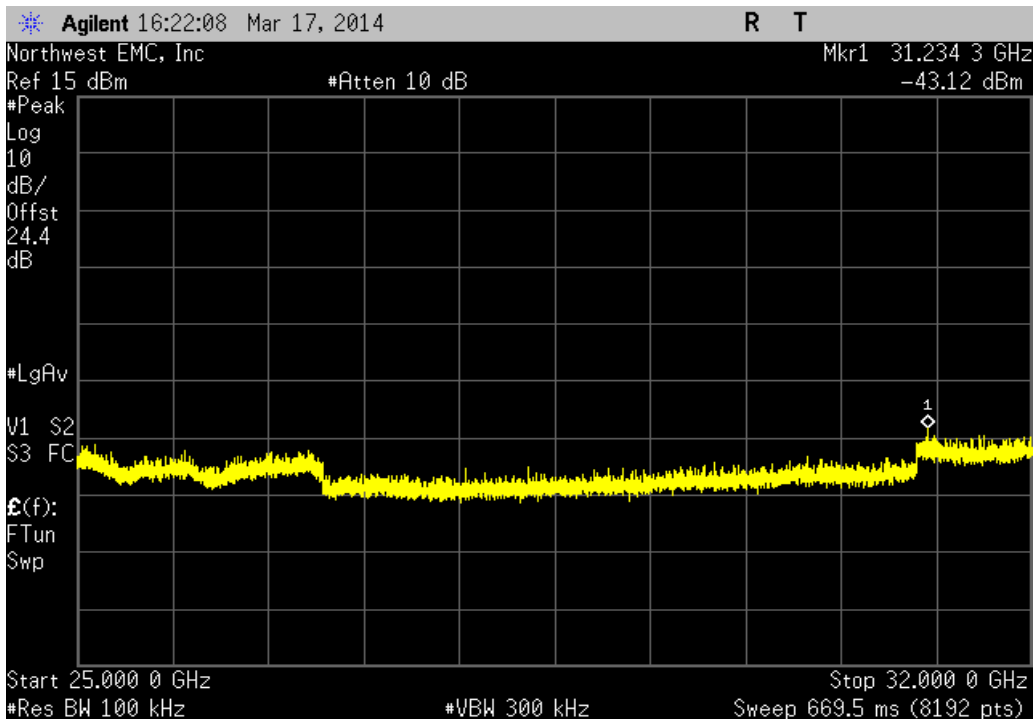
Result

25 GHz - 32 GHz

-44.9 dBc

≤ -20 dBc

Pass



IEEE 802.11(a), 20 MHz, 5725 MHz - 5850 MHz Band, 54 Mbps, Low Channel 149, 5745 MHz

Frequency

Range

Value

Limit

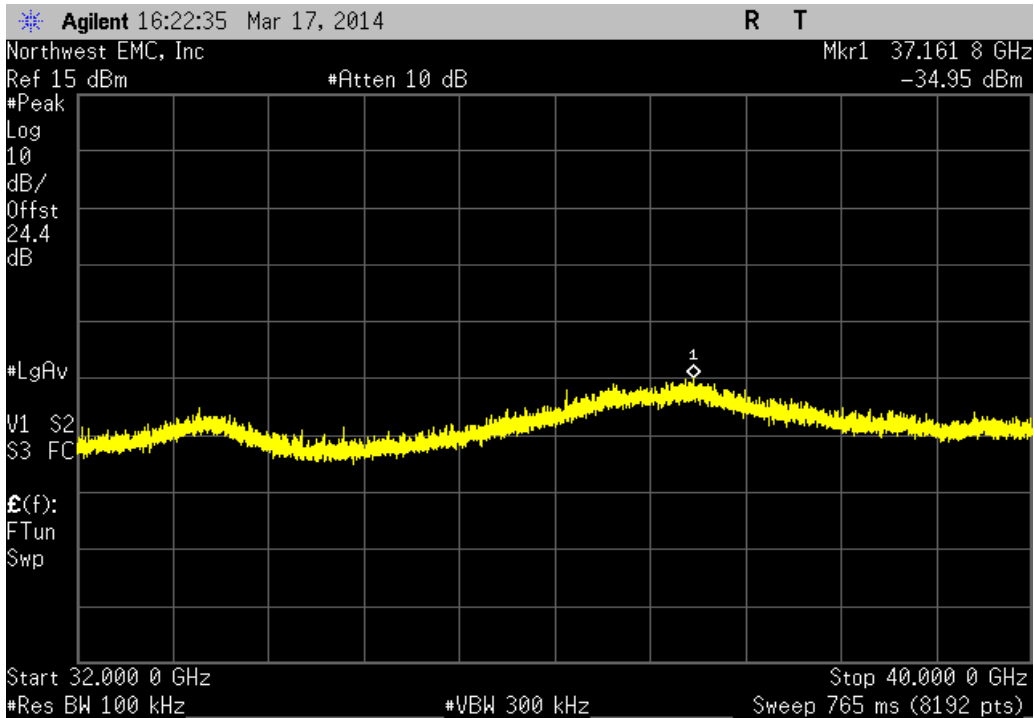
Result

32 GHz - 40 GHz

-36.73 dBc

≤ -20 dBc

Pass



IEEE 802.11(a), 20 MHz, 5725 MHz - 5850 MHz Band, 54 Mbps, Mid Channel 157, 5785 MHz

Frequency

Range

Value

Limit

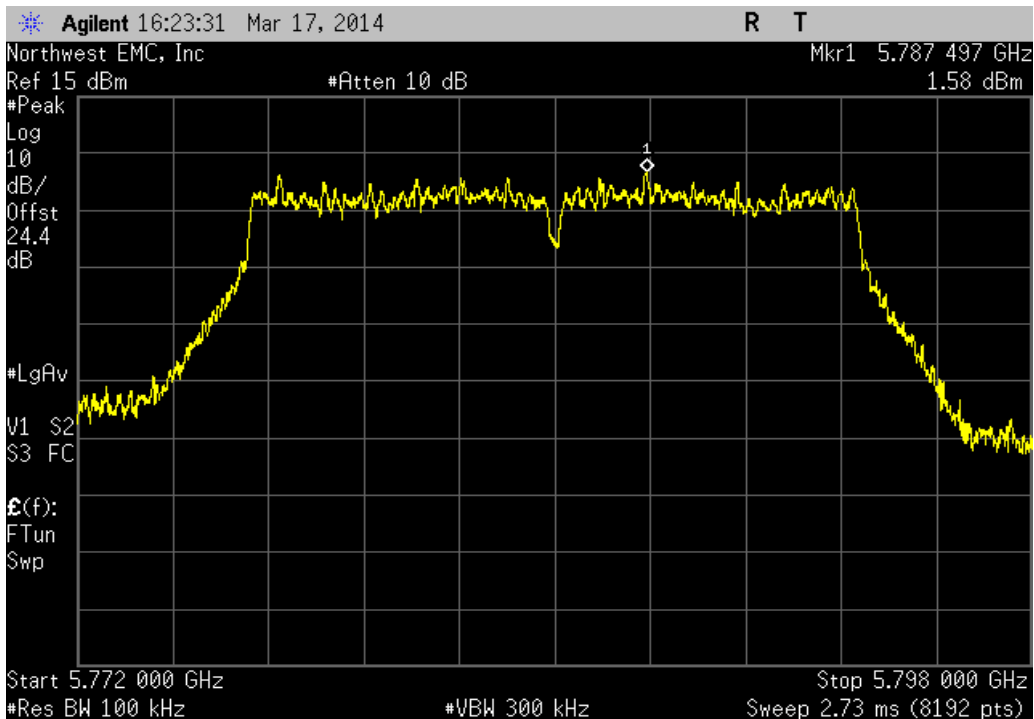
Result

Fundamental

N/A

N/A

N/A



IEEE 802.11(a), 20 MHz, 5725 MHz - 5850 MHz Band, 54 Mbps, Mid Channel 157, 5785 MHz

Frequency

Range

Value

Limit

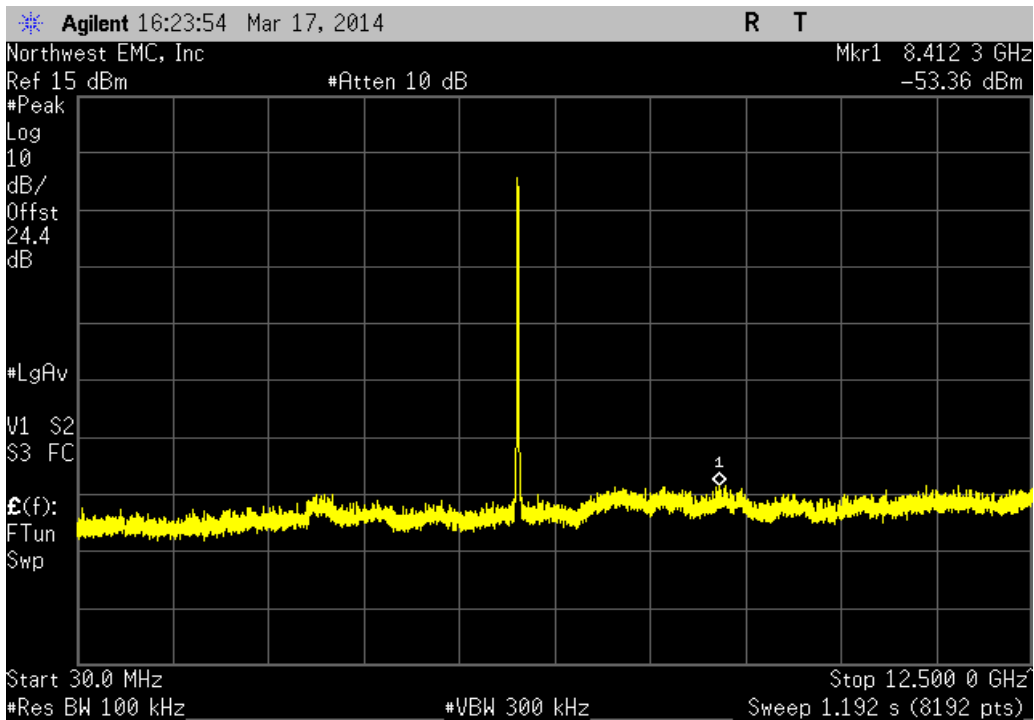
Result

30 MHz - 12.5 GHz

-54.94 dBc

≤ -20 dBc

Pass



IEEE 802.11(a), 20 MHz, 5725 MHz - 5850 MHz Band, 54 Mbps, Mid Channel 157, 5785 MHz

Frequency

Range

Value

Limit

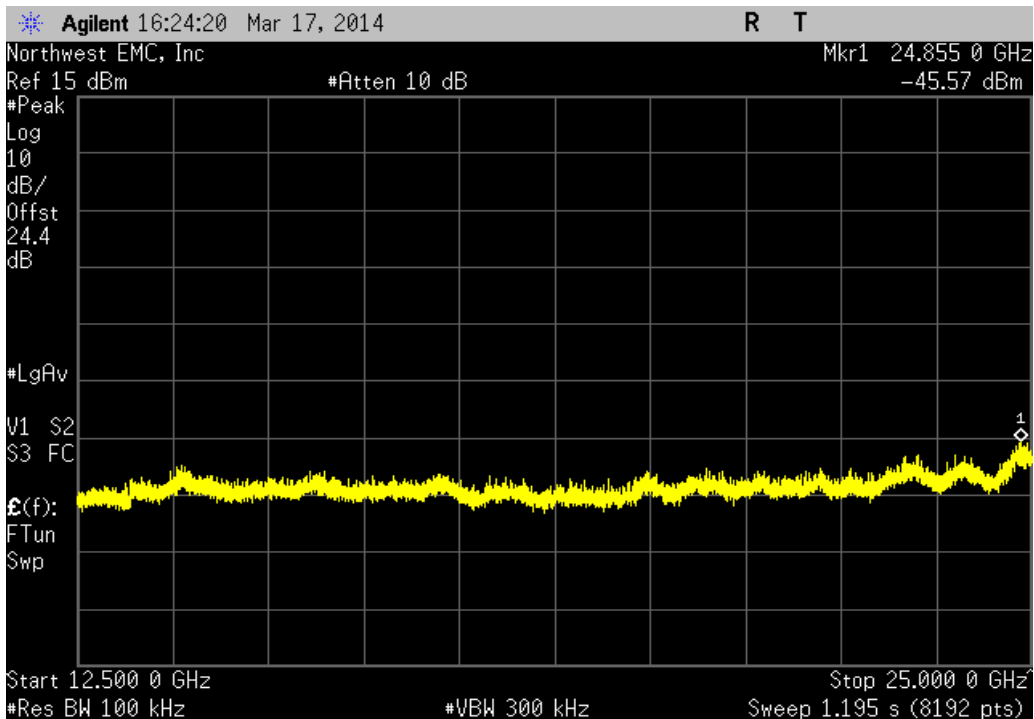
Result

12.5 GHz - 25 GHz

-47.15 dBc

≤ -20 dBc

Pass



IEEE 802.11(a), 20 MHz, 5725 MHz - 5850 MHz Band, 54 Mbps, Mid Channel 157, 5785 MHz

Frequency

Range

Value

Limit

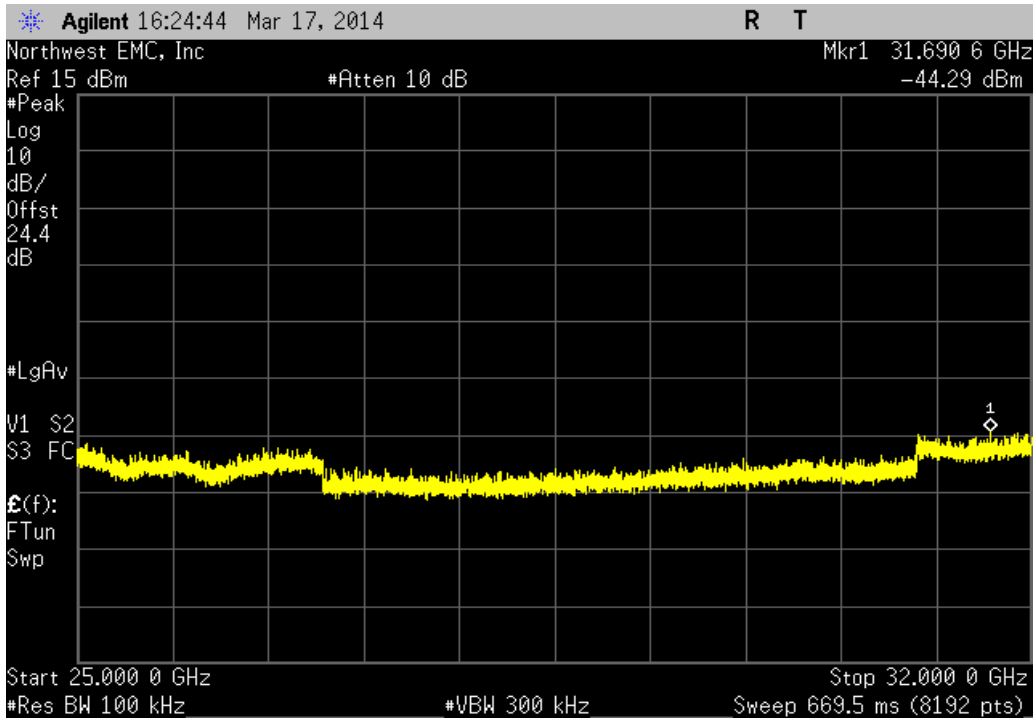
Result

25 GHz - 32 GHz

-45.88 dBc

≤ -20 dBc

Pass



IEEE 802.11(a), 20 MHz, 5725 MHz - 5850 MHz Band, 54 Mbps, Mid Channel 157, 5785 MHz

Frequency

Range

Value

Limit

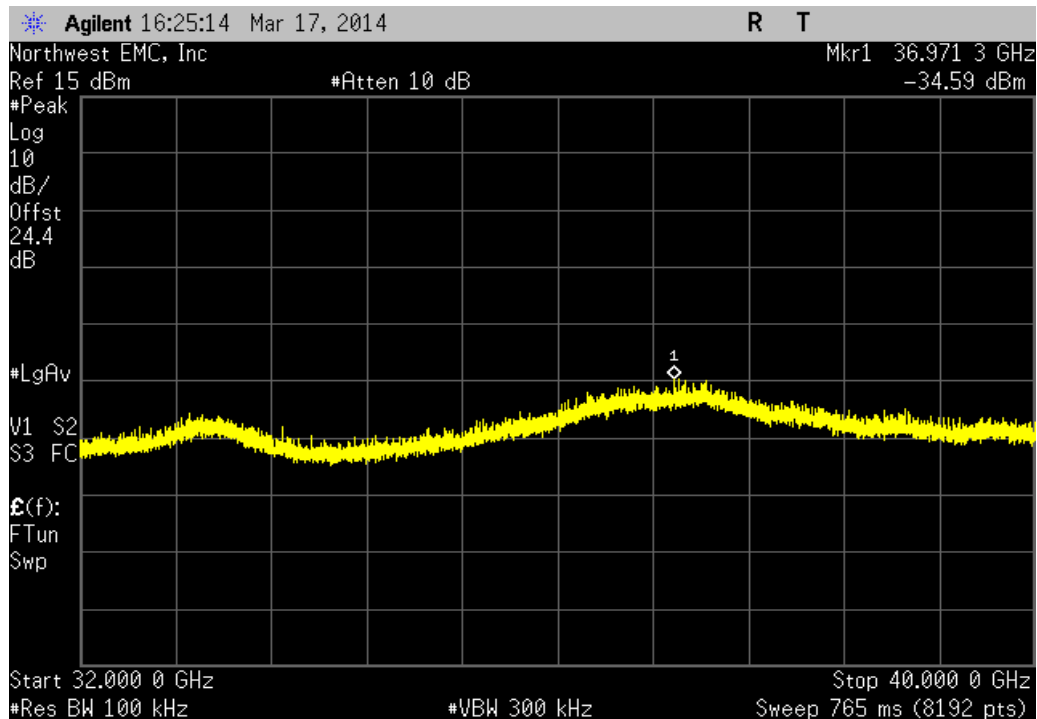
Result

32 GHz - 40 GHz

-36.17 dBc

≤ -20 dBc

Pass



IEEE 802.11(a), 20 MHz, 5725 MHz - 5850 MHz Band, 54 Mbps, High Channel 165, 5825 MHz

Frequency
Range

Value

Limit

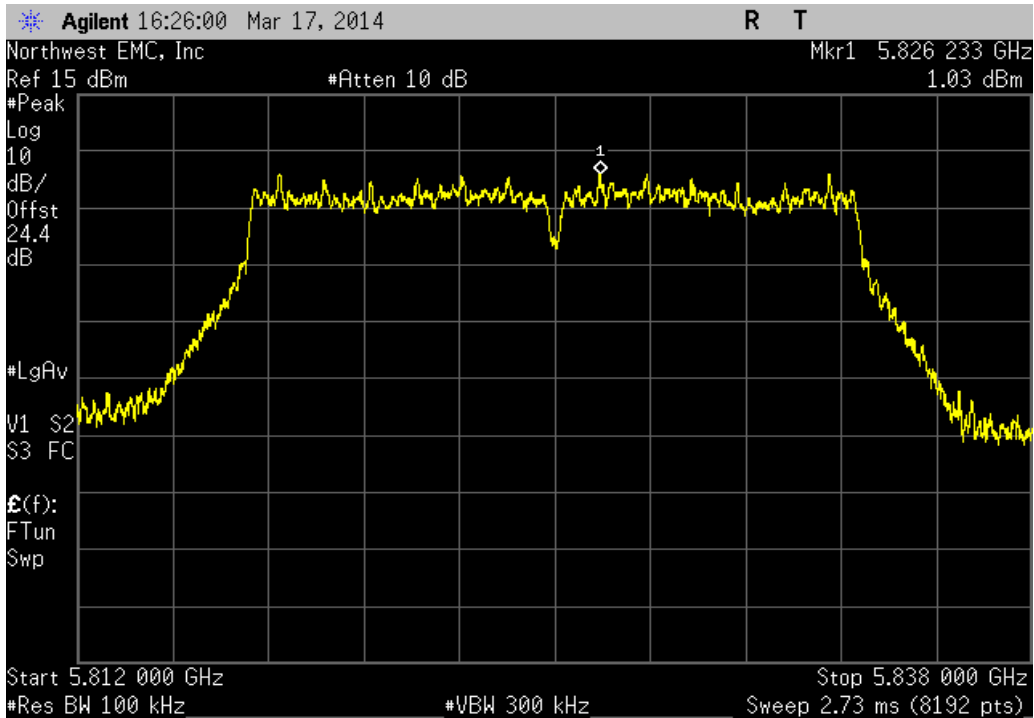
Result

Fundamental

N/A

N/A

N/A



IEEE 802.11(a), 20 MHz, 5725 MHz - 5850 MHz Band, 54 Mbps, High Channel 165, 5825 MHz

Frequency
Range

Value

Limit

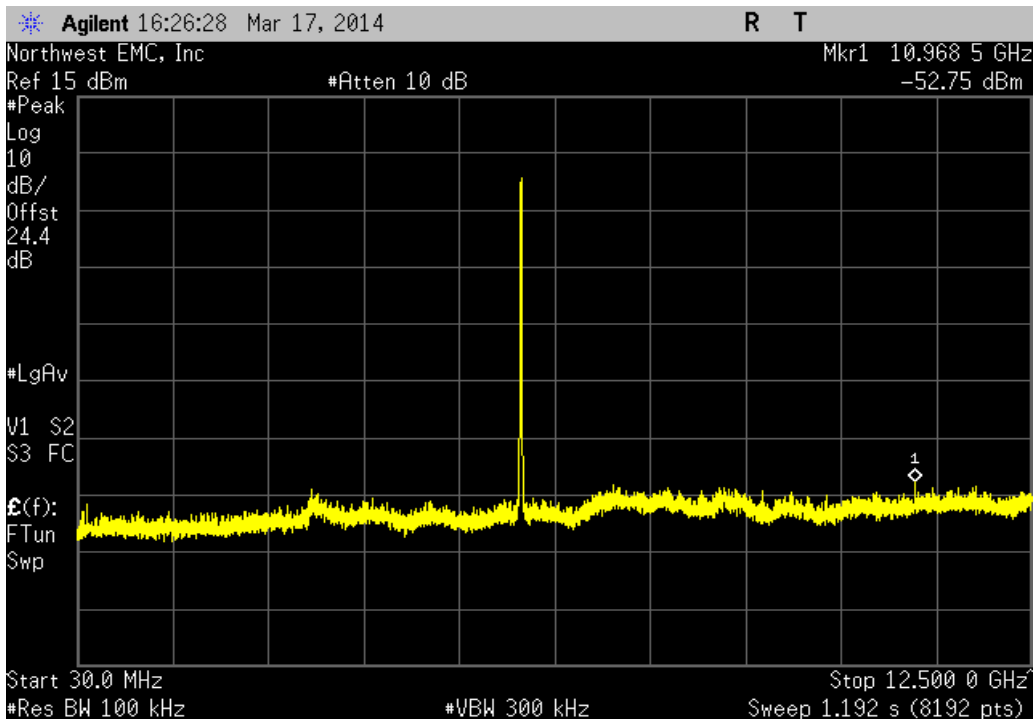
Result

30 MHz - 12.5 GHz

-53.78 dBc

≤ -20 dBc

Pass



IEEE 802.11(a), 20 MHz, 5725 MHz - 5850 MHz Band, 54 Mbps, High Channel 165, 5825 MHz

Frequency

Range

Value

Limit

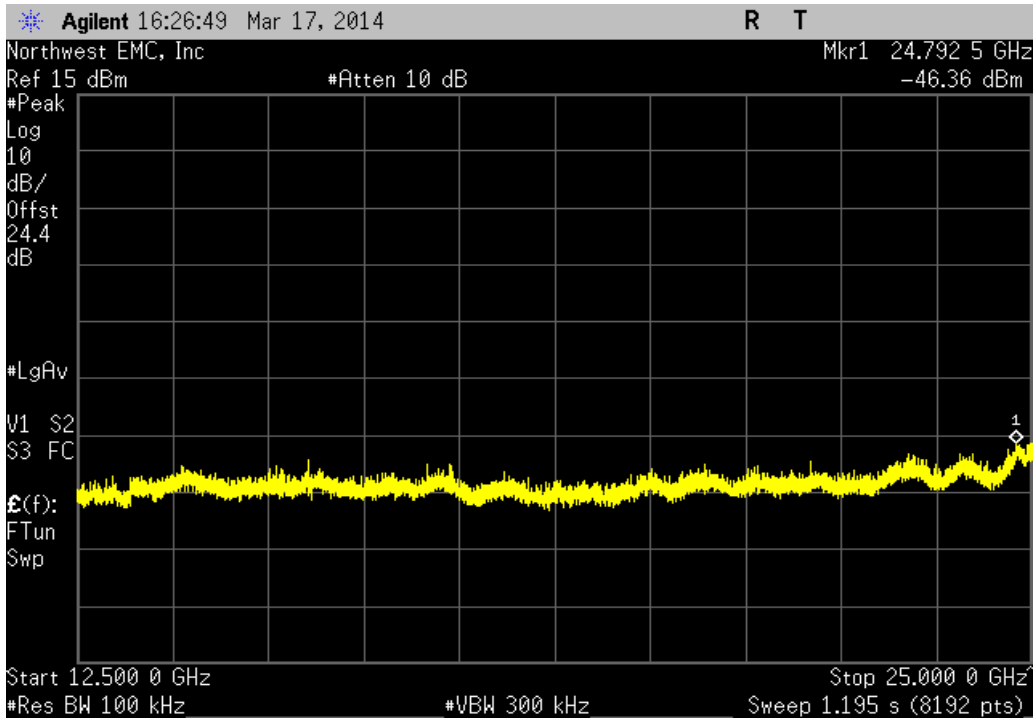
Result

12.5 GHz - 25 GHz

-47.39 dBc

≤ -20 dBc

Pass



IEEE 802.11(a), 20 MHz, 5725 MHz - 5850 MHz Band, 54 Mbps, High Channel 165, 5825 MHz

Frequency

Range

Value

Limit

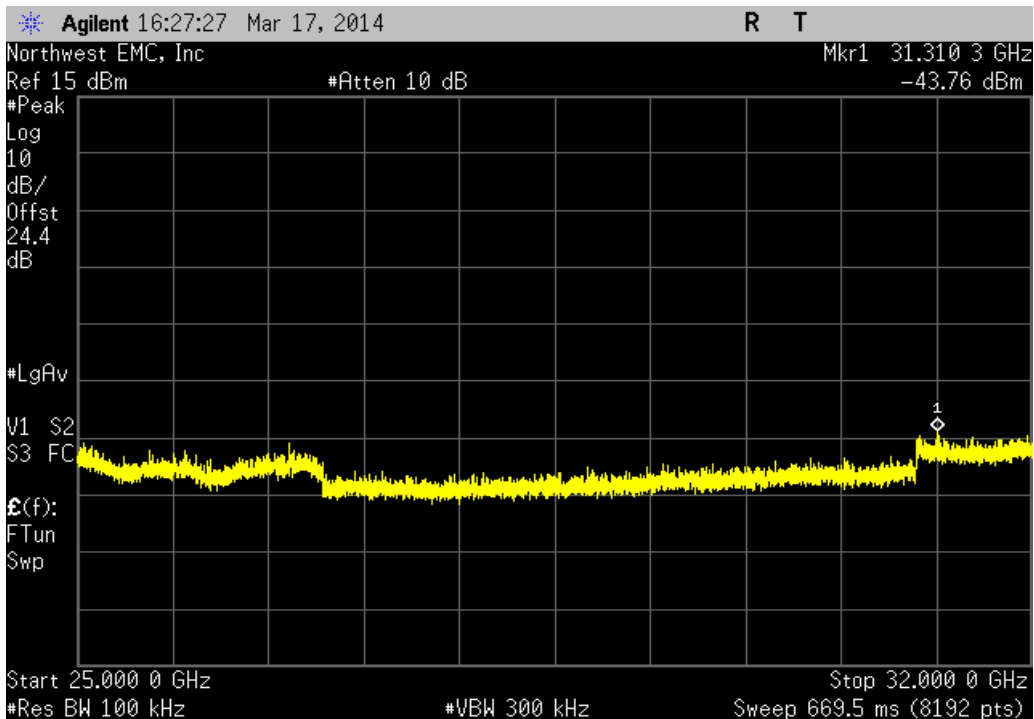
Result

25 GHz - 32 GHz

-44.79 dBc

≤ -20 dBc

Pass



IEEE 802.11(a), 20 MHz, 5725 MHz - 5850 MHz Band, 54 Mbps, High Channel 165, 5825 MHz

Frequency

Range

Value

Limit

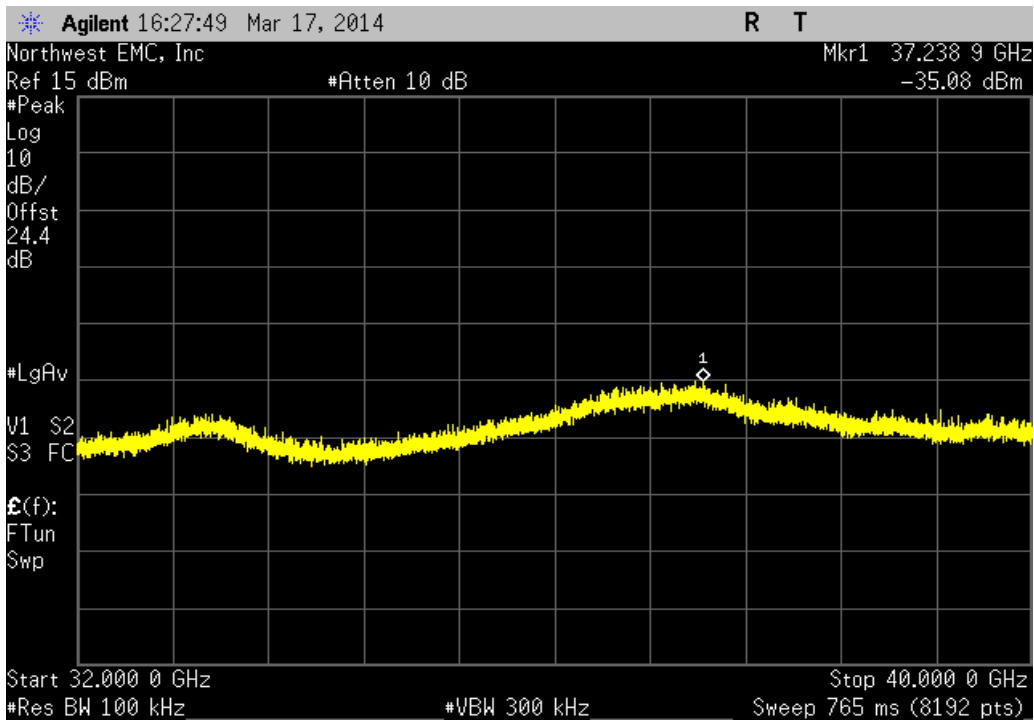
Result

32 GHz - 40 GHz

-36.11 dBc

≤ -20 dBc

Pass



IEEE 802.11(n), 20 MHz, 5725 MHz - 5850 MHz Band, HT, MCS7, Low Channel 149, 5745 MHz

Frequency

Range

Value

Limit

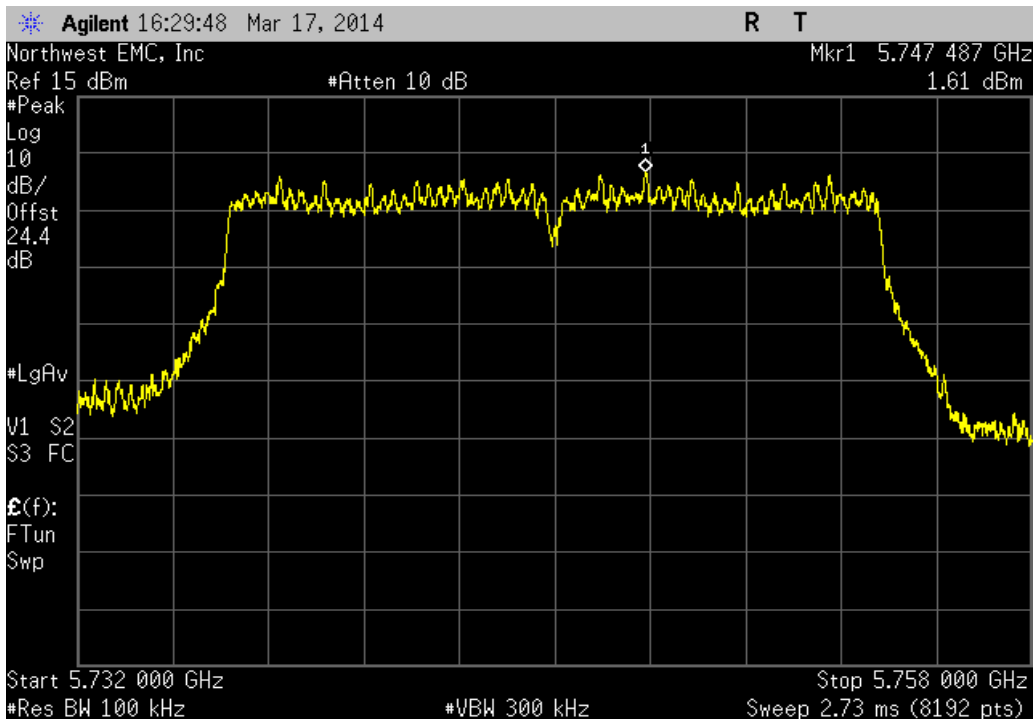
Result

Fundamental

N/A

N/A

N/A



IEEE 802.11(n), 20 MHz, 5725 MHz - 5850 MHz Band, HT, MCS7, Low Channel 149, 5745 MHz

Frequency

Range

Value

Limit

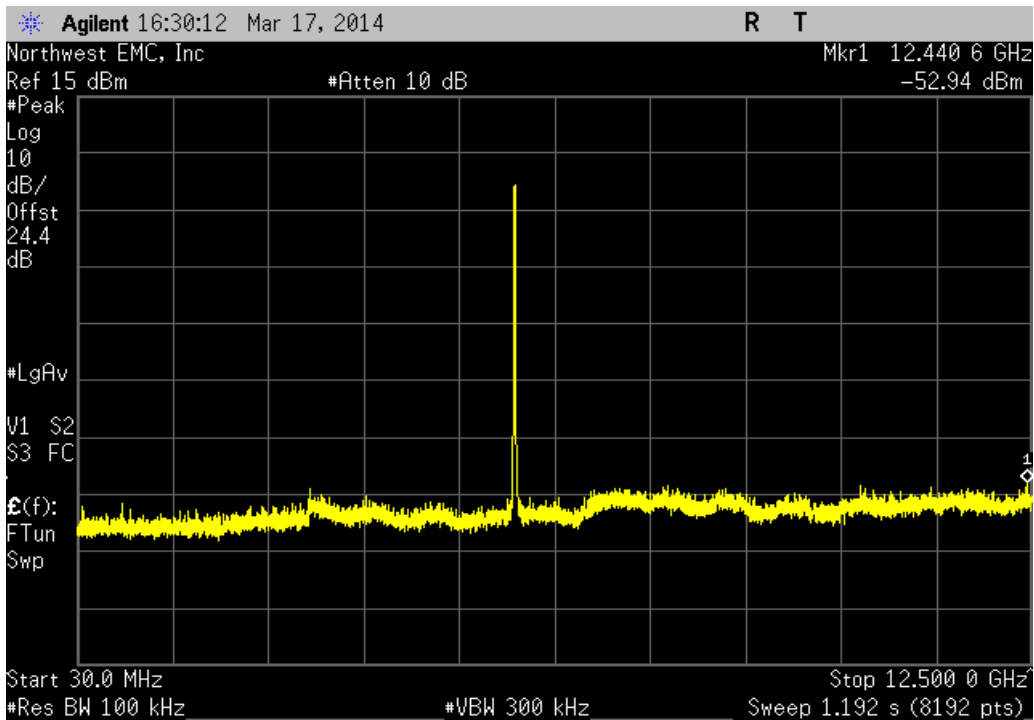
Result

30 MHz - 12.5 GHz

-54.55 dBc

≤ -20 dBc

Pass



IEEE 802.11(n), 20 MHz, 5725 MHz - 5850 MHz Band, HT, MCS7, Low Channel 149, 5745 MHz

Frequency

Range

Value

Limit

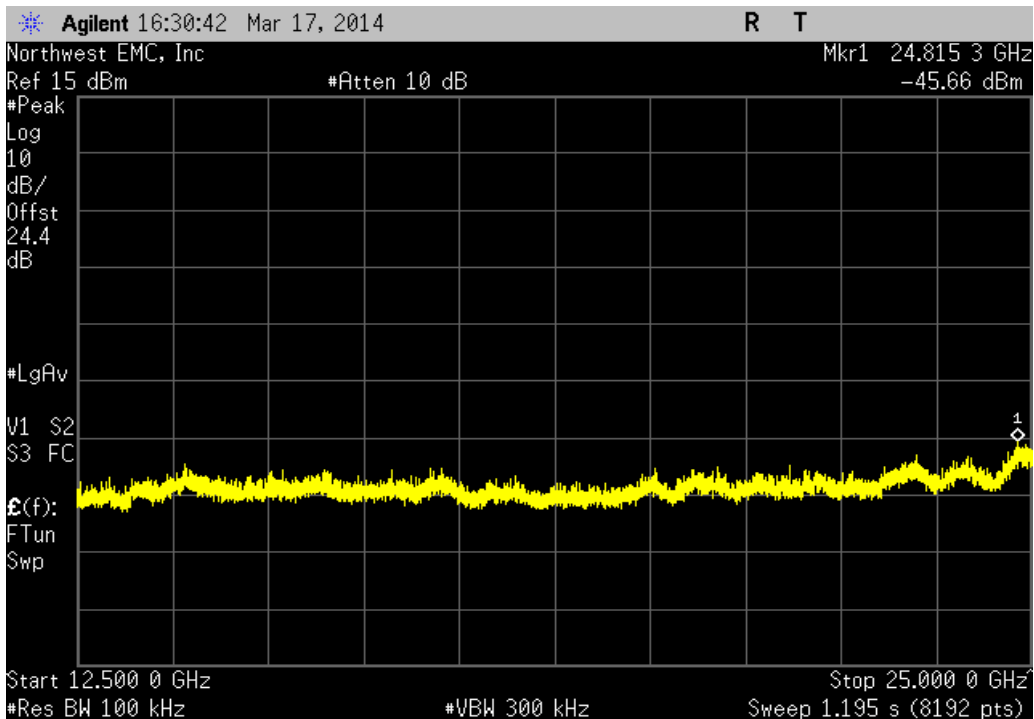
Result

12.5 GHz - 25 GHz

-47.27 dBc

≤ -20 dBc

Pass



IEEE 802.11(n), 20 MHz, 5725 MHz - 5850 MHz Band, HT, MCS7, Low Channel 149, 5745 MHz

Frequency

Range

Value

Limit

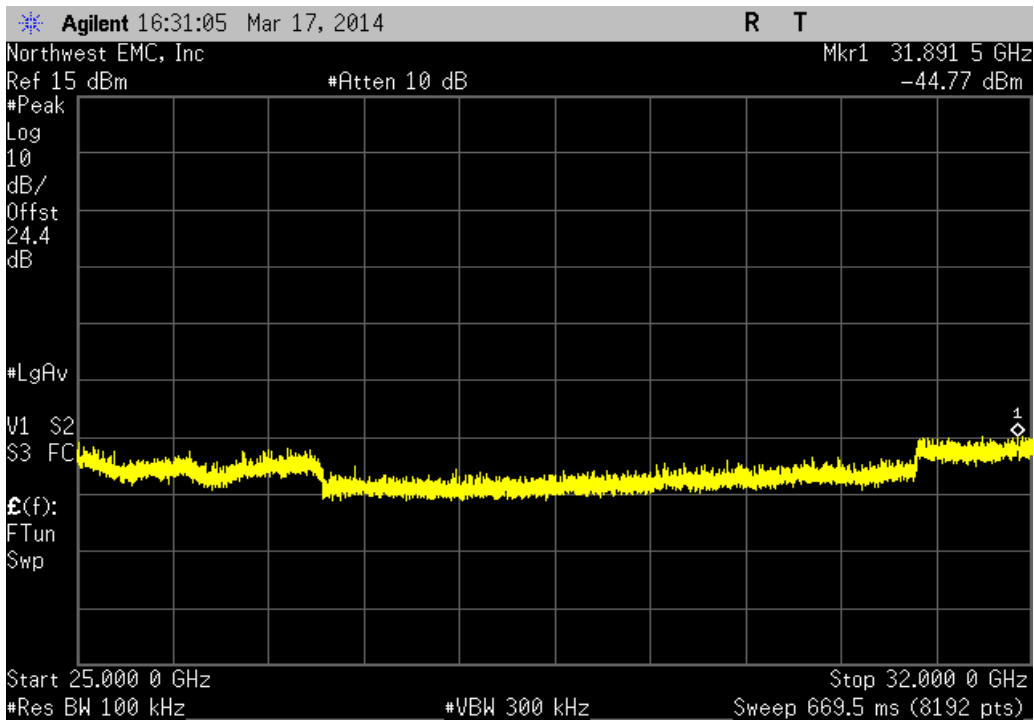
Result

25 GHz - 32 GHz

-46.38 dBc

≤ -20 dBc

Pass



IEEE 802.11(n), 20 MHz, 5725 MHz - 5850 MHz Band, HT, MCS7, Low Channel 149, 5745 MHz

Frequency

Range

Value

Limit

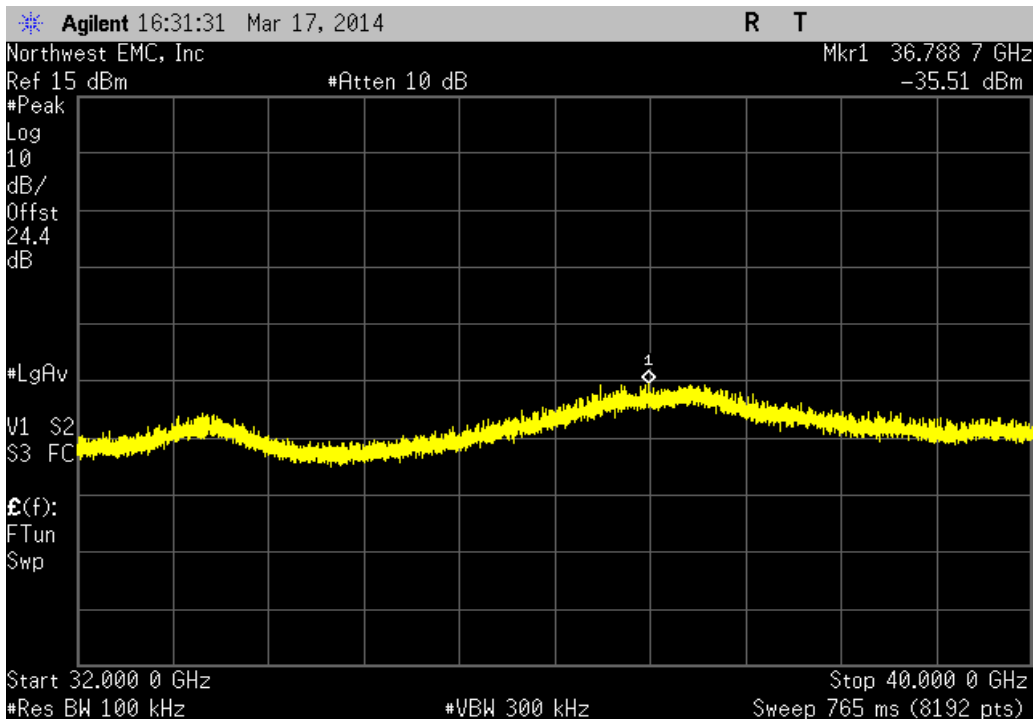
Result

32 GHz - 40 GHz

-37.12 dBc

≤ -20 dBc

Pass



IEEE 802.11(n), 20 MHz, 5725 MHz - 5850 MHz Band, HT, MCS7, Mid Channel 157, 5785 MHz

Frequency

Range

Value

Limit

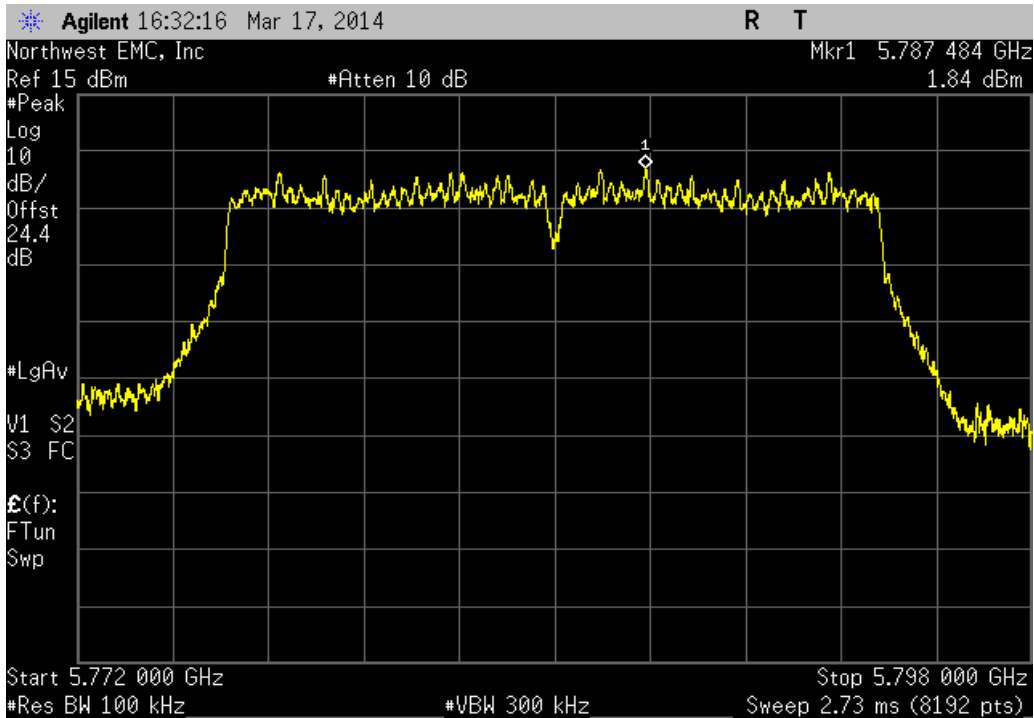
Result

Fundamental

N/A

N/A

N/A



IEEE 802.11(n), 20 MHz, 5725 MHz - 5850 MHz Band, HT, MCS7, Mid Channel 157, 5785 MHz

Frequency

Range

Value

Limit

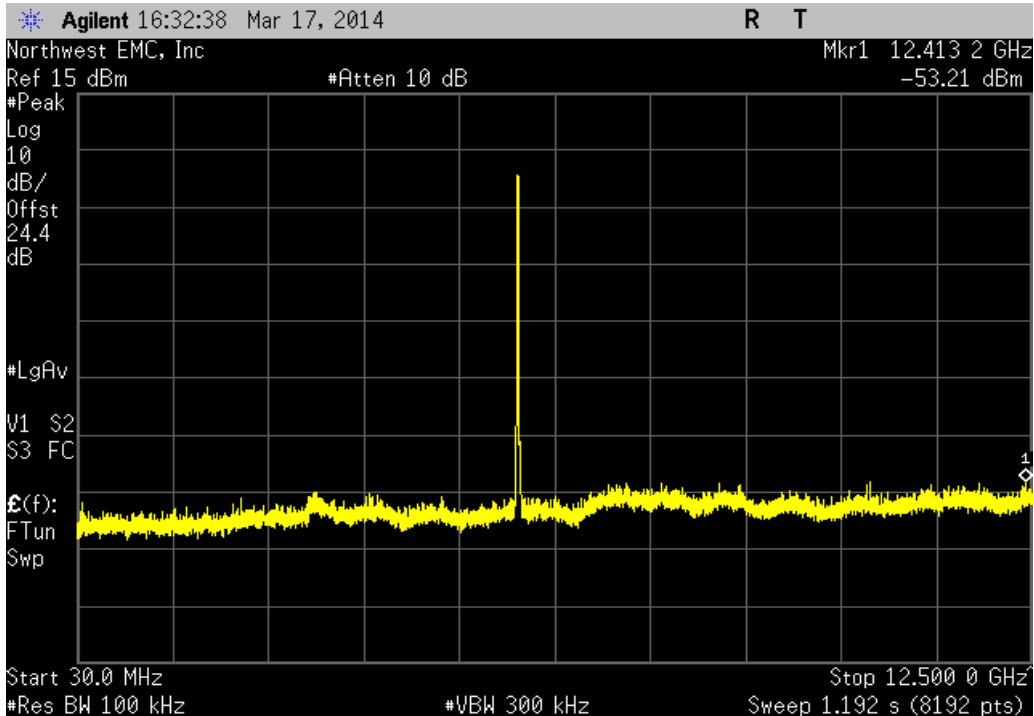
Result

30 MHz - 12.5 GHz

-55.05 dBc

≤ -20 dBc

Pass



IEEE 802.11(n), 20 MHz, 5725 MHz - 5850 MHz Band, HT, MCS7, Mid Channel 157, 5785 MHz

Frequency

Range

Value

Limit

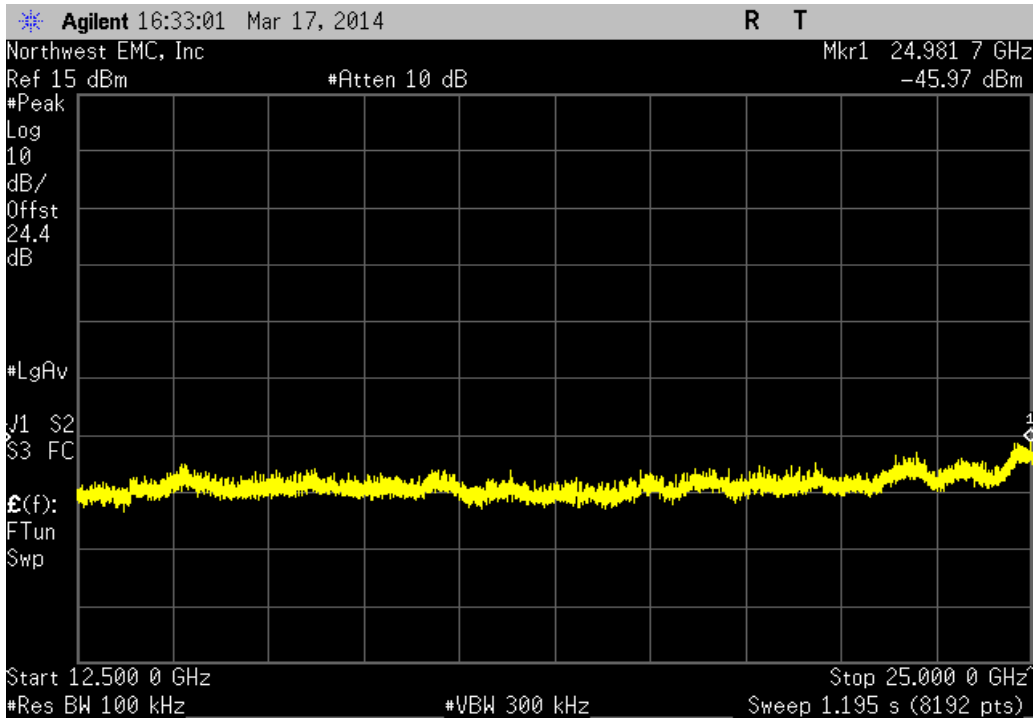
Result

12.5 GHz - 25 GHz

-47.81 dBc

≤ -20 dBc

Pass



IEEE 802.11(n), 20 MHz, 5725 MHz - 5850 MHz Band, HT, MCS7, Mid Channel 157, 5785 MHz

Frequency

Range

Value

Limit

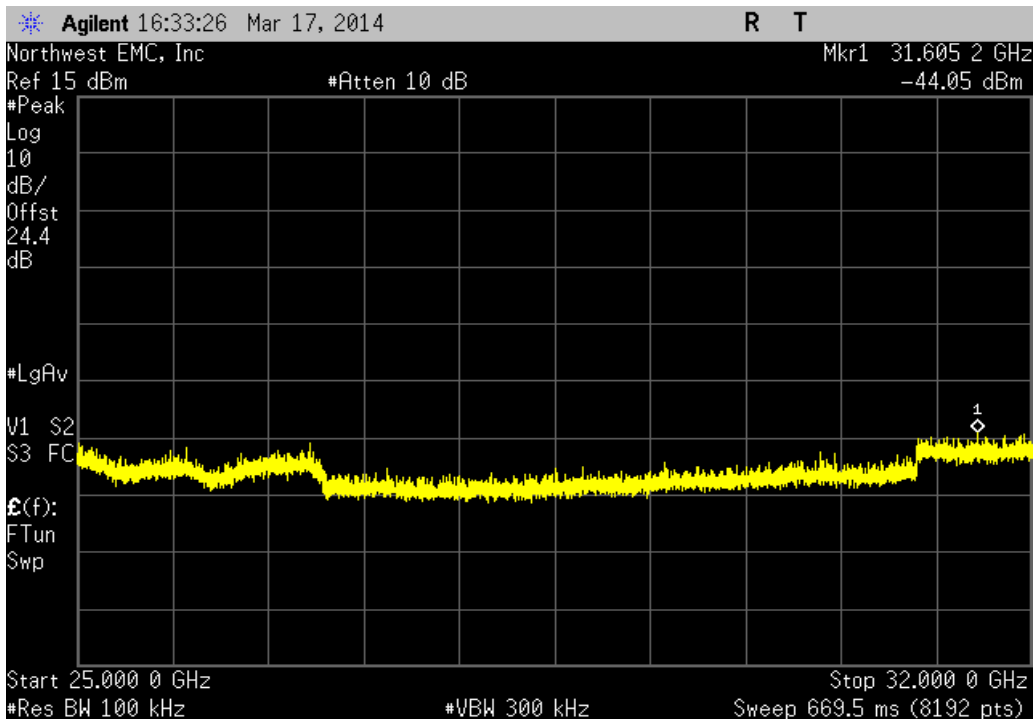
Result

25 GHz - 32 GHz

-45.89 dBc

≤ -20 dBc

Pass



IEEE 802.11(n), 20 MHz, 5725 MHz - 5850 MHz Band, HT, MCS7, Mid Channel 157, 5785 MHz

Frequency

Range

Value

Limit

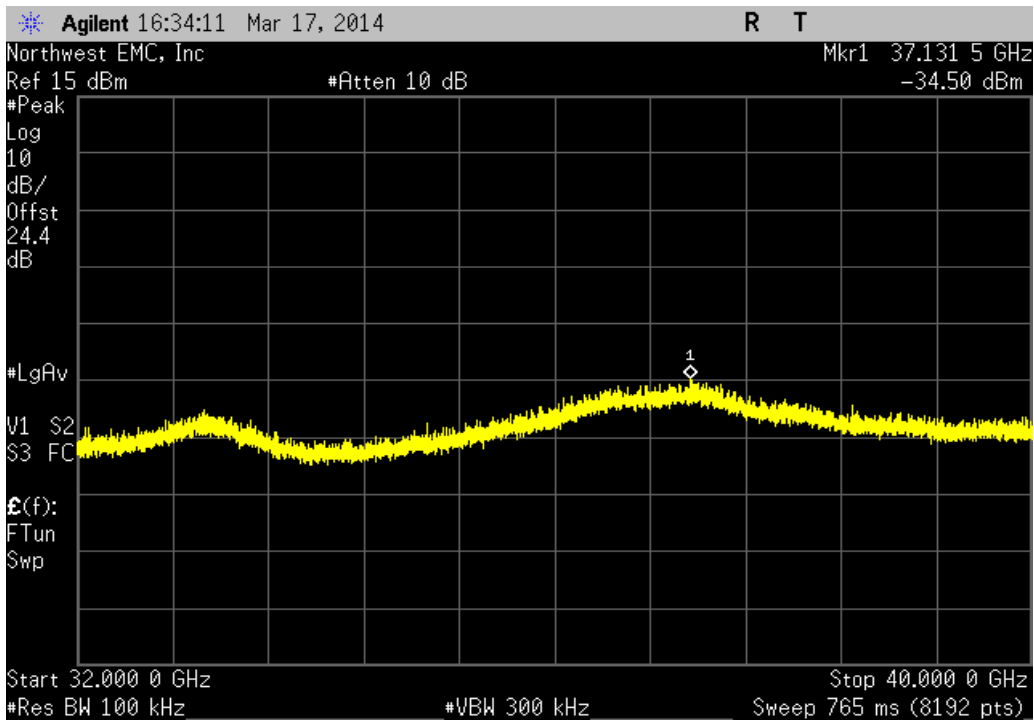
Result

32 GHz - 40 GHz

-36.34 dBc

≤ -20 dBc

Pass



IEEE 802.11(n), 20 MHz, 5725 MHz - 5850 MHz Band, HT, MCS7, High Channel 165, 5825 MHz

Frequency

Range

Value

Limit

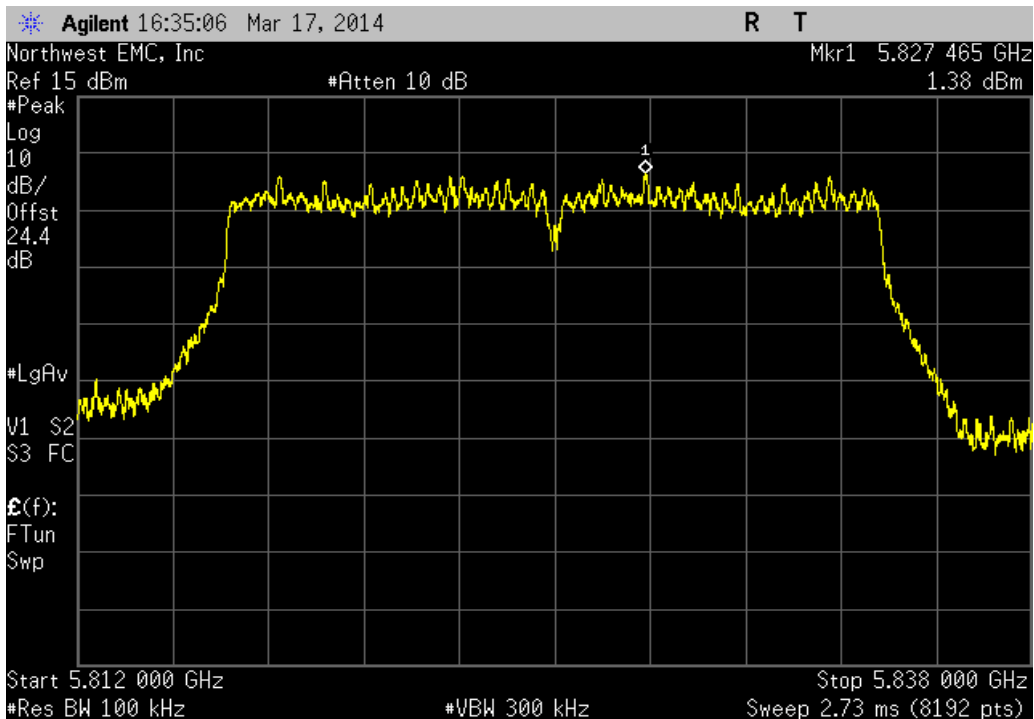
Result

Fundamental

N/A

N/A

N/A



IEEE 802.11(n), 20 MHz, 5725 MHz - 5850 MHz Band, HT, MCS7, High Channel 165, 5825 MHz

Frequency

Range

Value

Limit

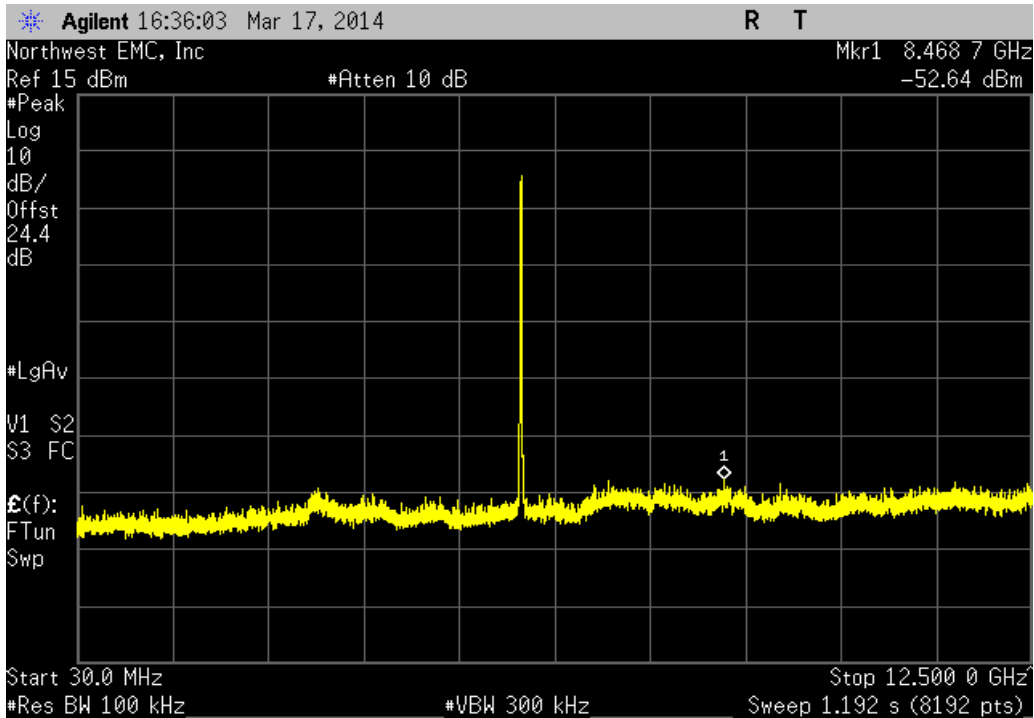
Result

30 MHz - 12.5 GHz

-54.02 dBc

≤ -20 dBc

Pass



IEEE 802.11(n), 20 MHz, 5725 MHz - 5850 MHz Band, HT, MCS7, High Channel 165, 5825 MHz

Frequency

Range

Value

Limit

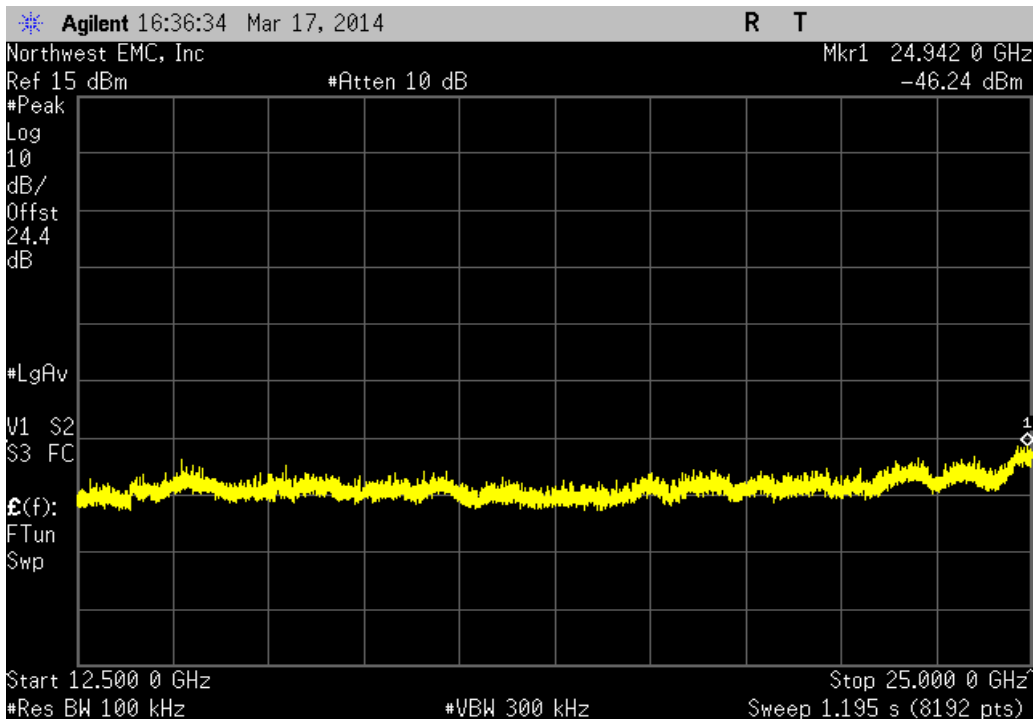
Result

12.5 GHz - 25 GHz

-47.62 dBc

≤ -20 dBc

Pass



IEEE 802.11(n), 20 MHz, 5725 MHz - 5850 MHz Band, HT, MCS7, High Channel 165, 5825 MHz

Frequency

Range

Value

Limit

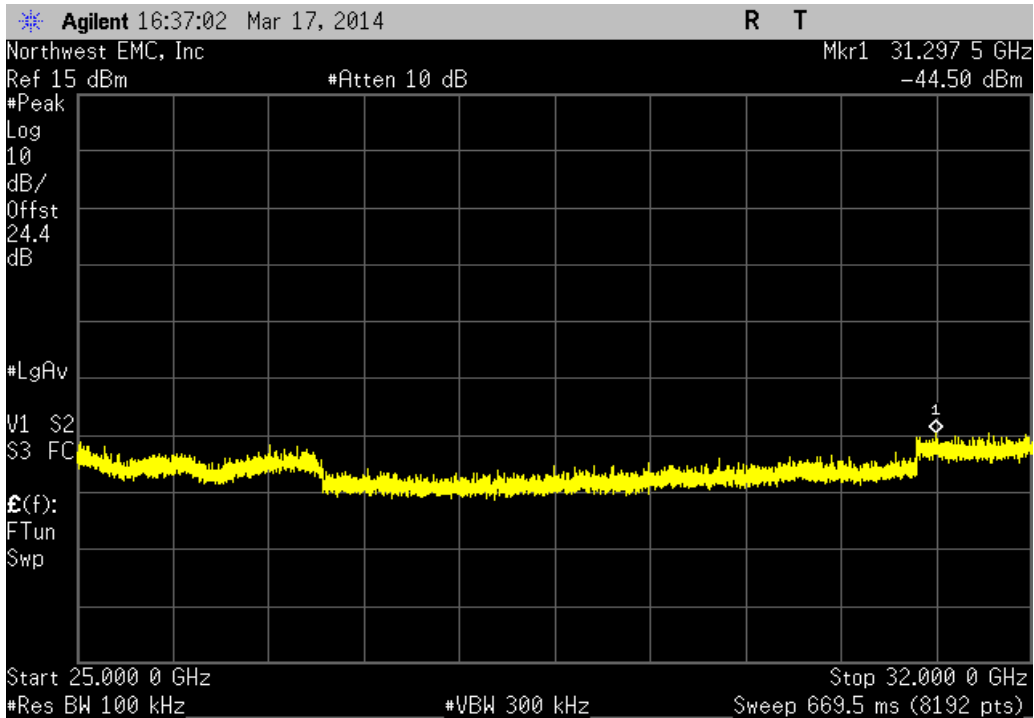
Result

25 GHz - 32 GHz

-45.88 dBc

≤ -20 dBc

Pass



IEEE 802.11(n), 20 MHz, 5725 MHz - 5850 MHz Band, HT, MCS7, High Channel 165, 5825 MHz

Frequency

Range

Value

Limit

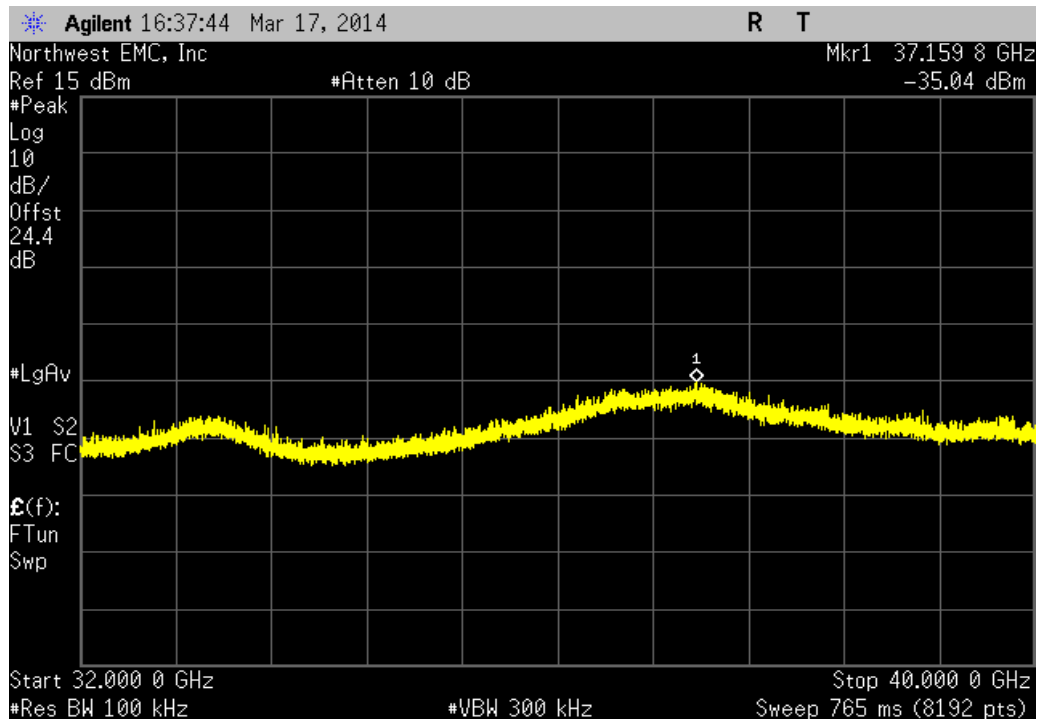
Result

32 GHz - 40 GHz

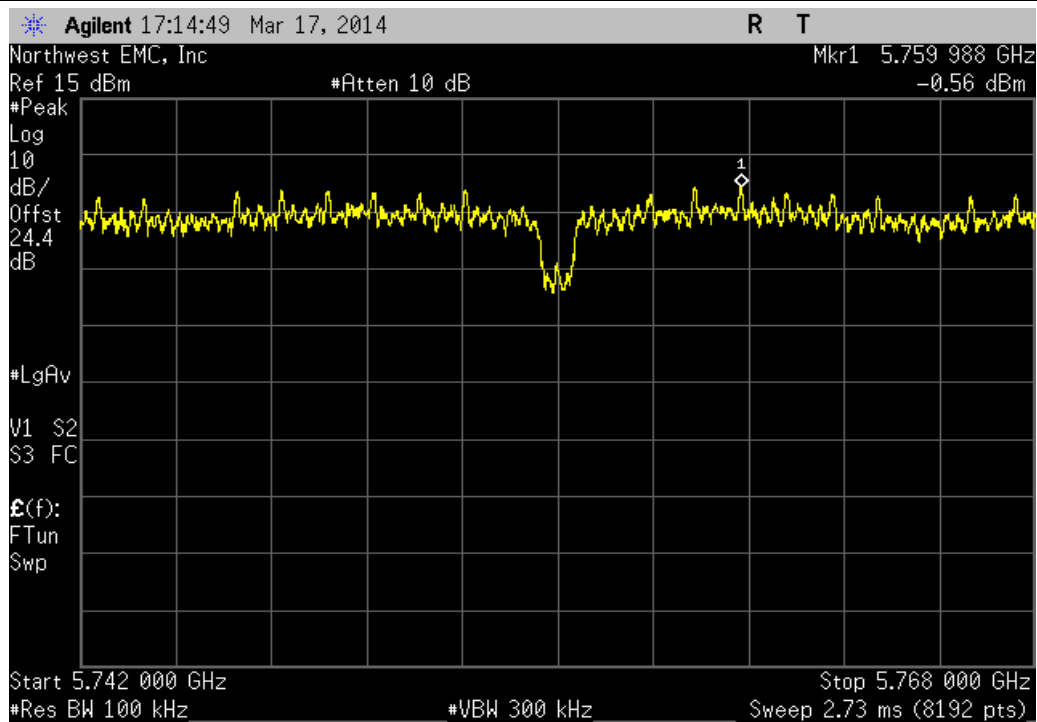
-36.42 dBc

≤ -20 dBc

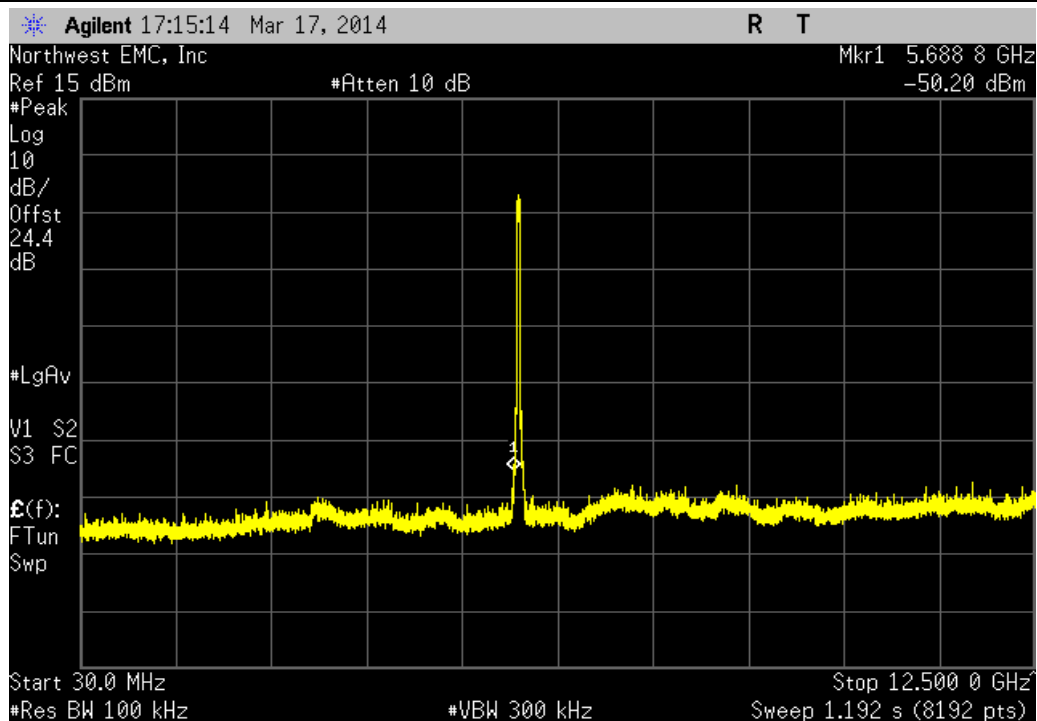
Pass



IEEE 802.11(n), 40 MHz, 5725 MHz - 5850 MHz Band, HT, MCS7, Low Channel 149/153, 5755 MHz						
Frequency Range				Value	Limit	Result
	Fundamental			N/A	N/A	N/A



IEEE 802.11(n), 40 MHz, 5725 MHz - 5850 MHz Band, HT, MCS7, Low Channel 149/153, 5755 MHz						
Frequency Range				Value	Limit	Result
	30 MHz - 12.5 GHz			-49.65 dBc	≤ -20 dBc	Pass



IEEE 802.11(n), 40 MHz, 5725 MHz - 5850 MHz Band, HT, MCS7, Low Channel 149/153, 5755 MHz

Frequency

Range

Value

Limit

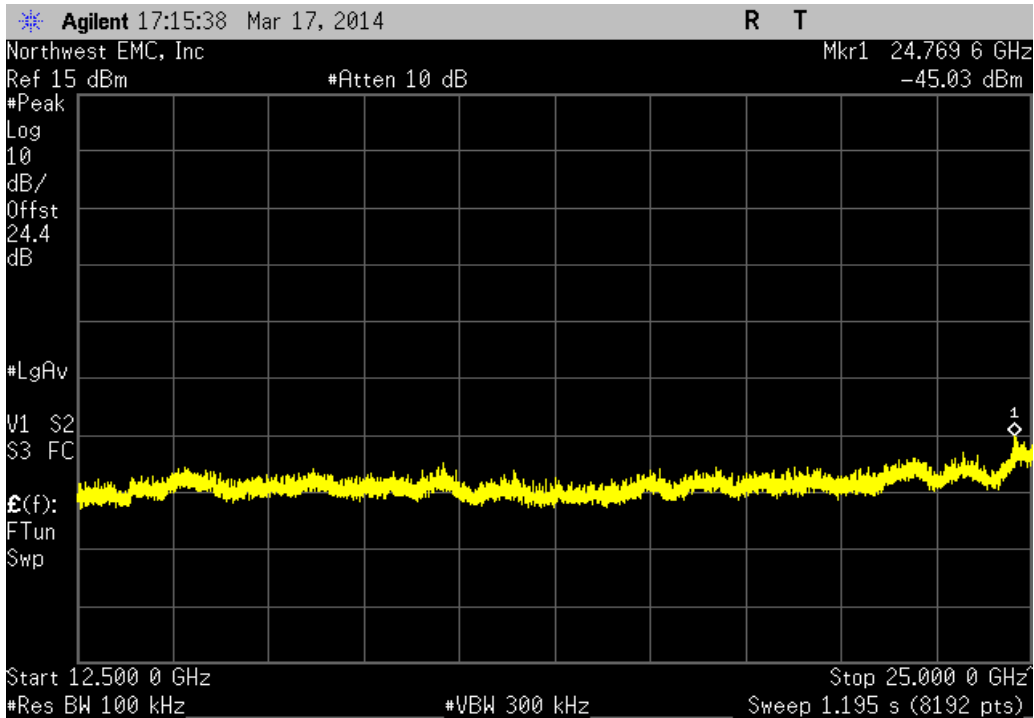
Result

12.5 GHz - 25 GHz

-44.49 dBc

≤ -20 dBc

Pass



IEEE 802.11(n), 40 MHz, 5725 MHz - 5850 MHz Band, HT, MCS7, Low Channel 149/153, 5755 MHz

Frequency

Range

Value

Limit

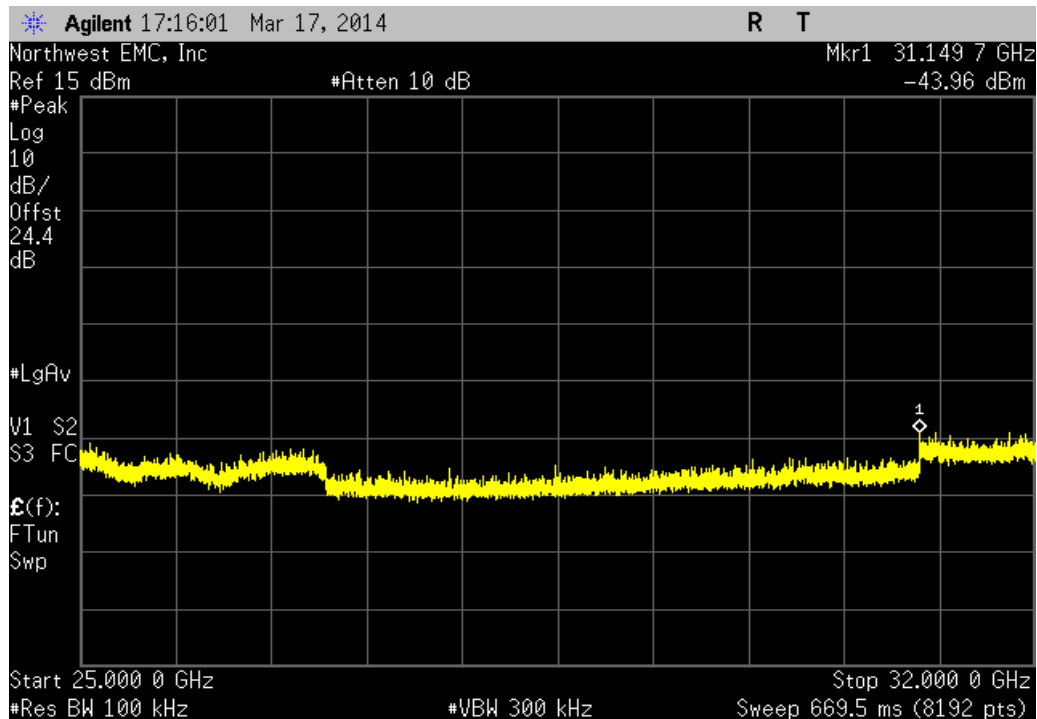
Result

25 GHz - 32 GHz

-43.41 dBc

≤ -20 dBc

Pass



IEEE 802.11(n), 40 MHz, 5725 MHz - 5850 MHz Band, HT, MCS7, Low Channel 149/153, 5755 MHz

Frequency

Range

Value

Limit

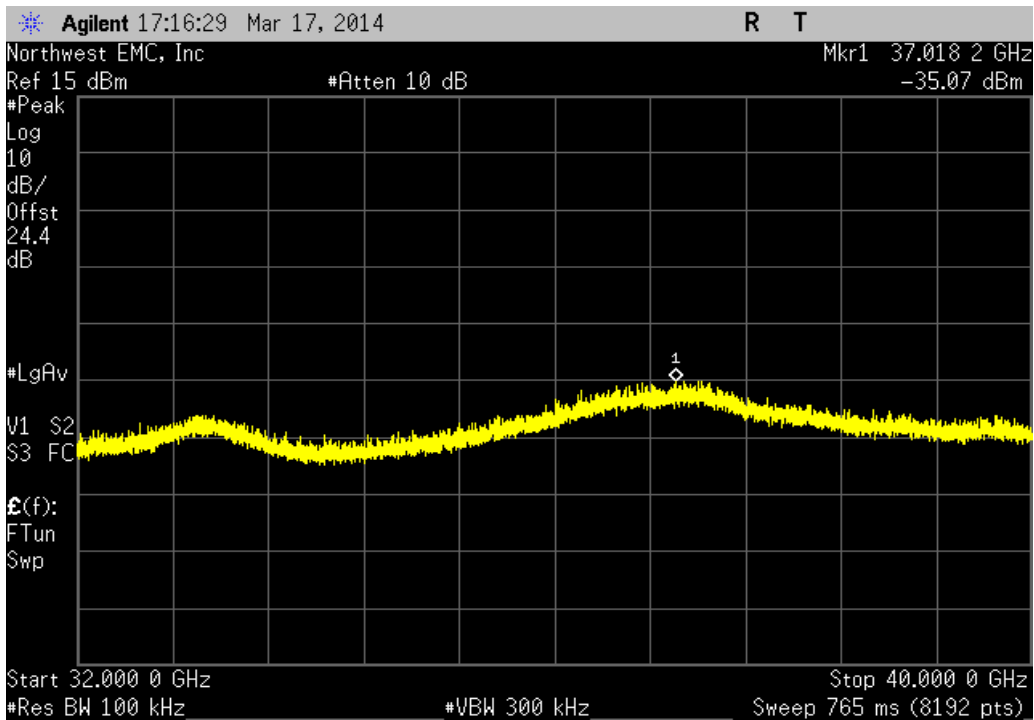
Result

32 GHz - 40 GHz

-34.52 dBc

≤ -20 dBc

Pass



IEEE 802.11(n), 40 MHz, 5725 MHz - 5850 MHz Band, HT, MCS7, High Channel 157/161, 5795 MHz

Frequency

Range

Value

Limit

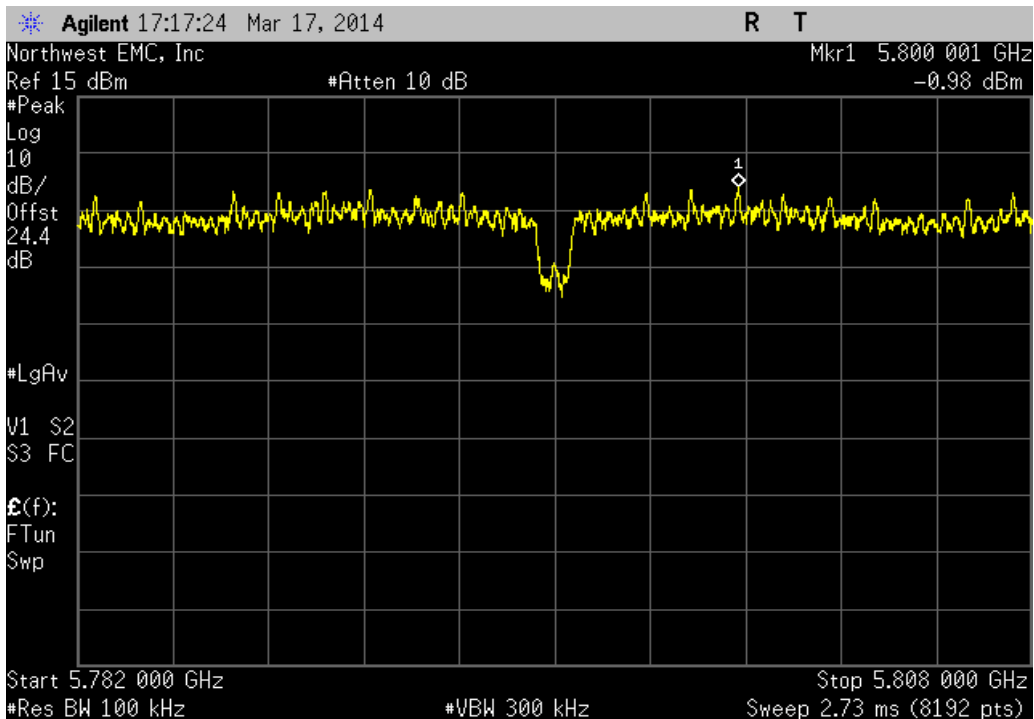
Result

Fundamental

N/A

N/A

N/A



IEEE 802.11(n), 40 MHz, 5725 MHz - 5850 MHz Band, HT, MCS7, High Channel 157/161, 5795 MHz

Frequency

Range

Value

Limit

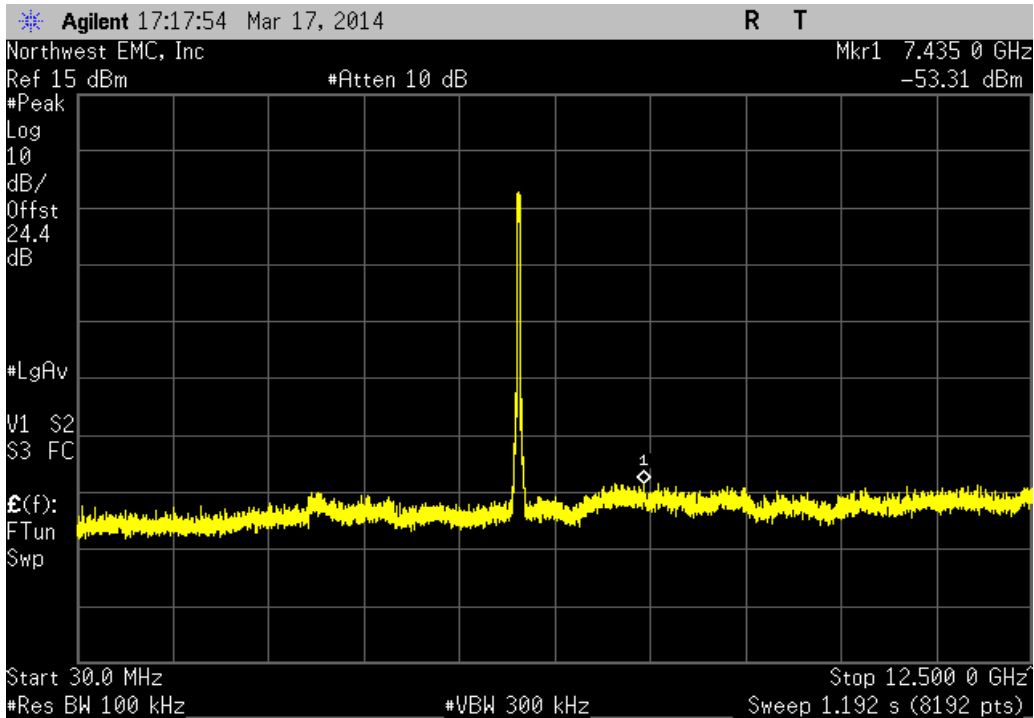
Result

30 MHz - 12.5 GHz

-52.33 dBc

≤ -20 dBc

Pass



IEEE 802.11(n), 40 MHz, 5725 MHz - 5850 MHz Band, HT, MCS7, High Channel 157/161, 5795 MHz

Frequency

Range

Value

Limit

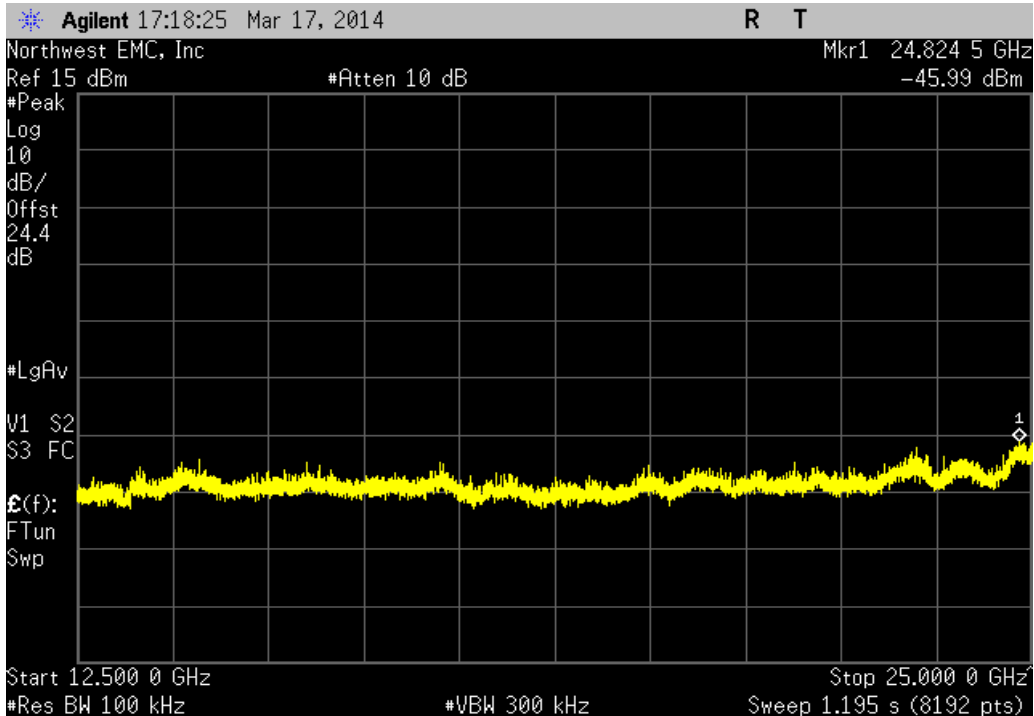
Result

12.5 GHz - 25 GHz

-45.01 dBc

≤ -20 dBc

Pass



IEEE 802.11(n), 40 MHz, 5725 MHz - 5850 MHz Band, HT, MCS7, High Channel 157/161, 5795 MHz

Frequency

Range

Value

Limit

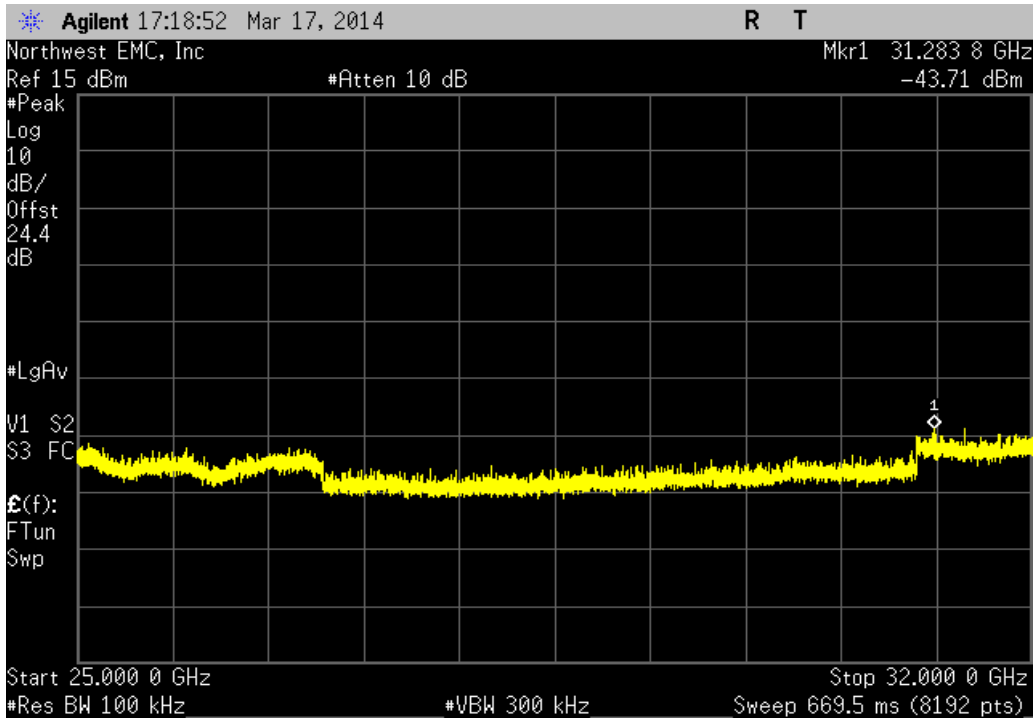
Result

25 GHz - 32 GHz

-42.73 dBc

≤ -20 dBc

Pass



IEEE 802.11(n), 40 MHz, 5725 MHz - 5850 MHz Band, HT, MCS7, High Channel 157/161, 5795 MHz

Frequency

Range

Value

Limit

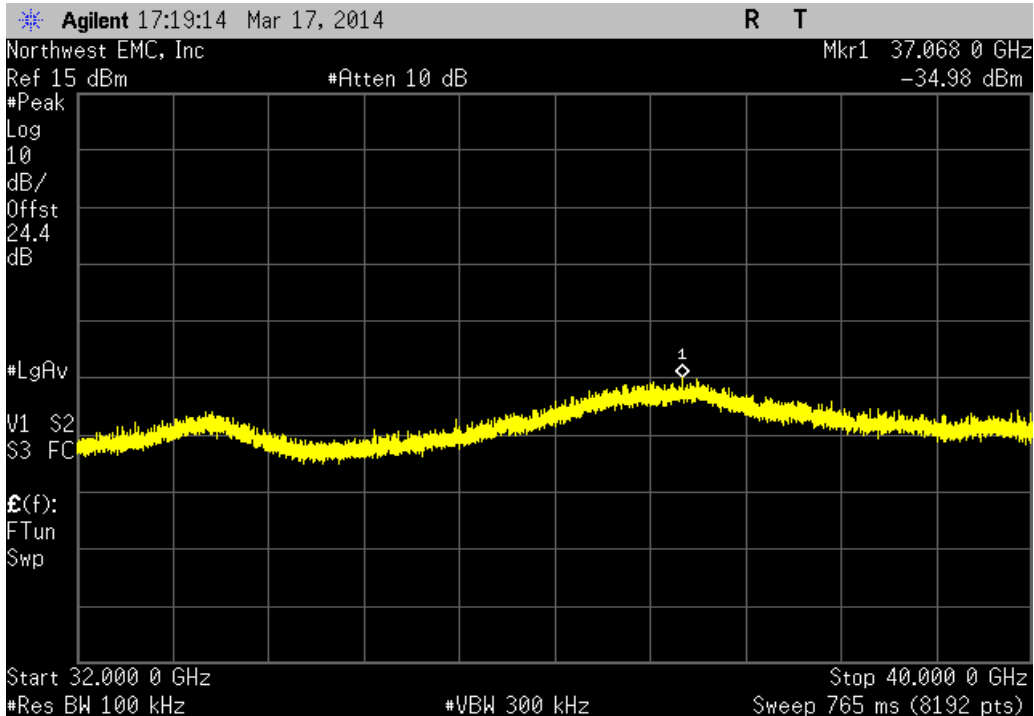
Result

32 GHz - 40 GHz

-34 dBc

≤ -20 dBc

Pass



IEEE 802.11(ac), 20 MHz, 5725 MHz - 5850 MHz Band, VHT, MCS0, Low Channel 149, 5745 MHz

**Frequency
Range**

Value

Limit

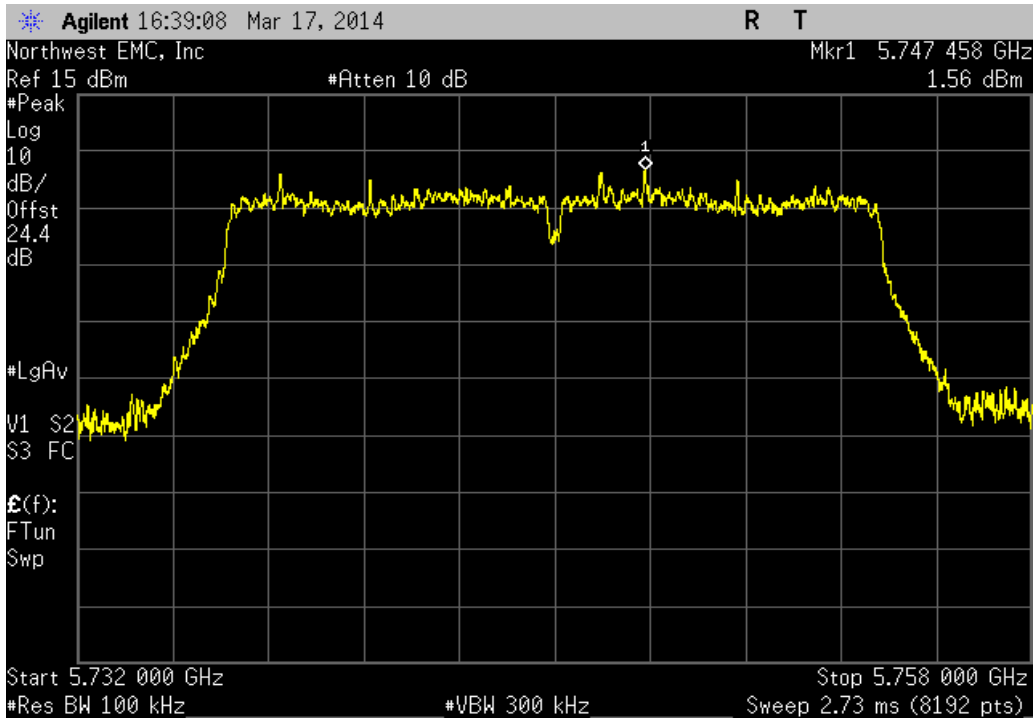
Result

Fundamental

N/A

N/A

N/A



IEEE 802.11(ac), 20 MHz, 5725 MHz - 5850 MHz Band, VHT, MCS0, Low Channel 149, 5745 MHz

**Frequency
Range**

Value

Limit

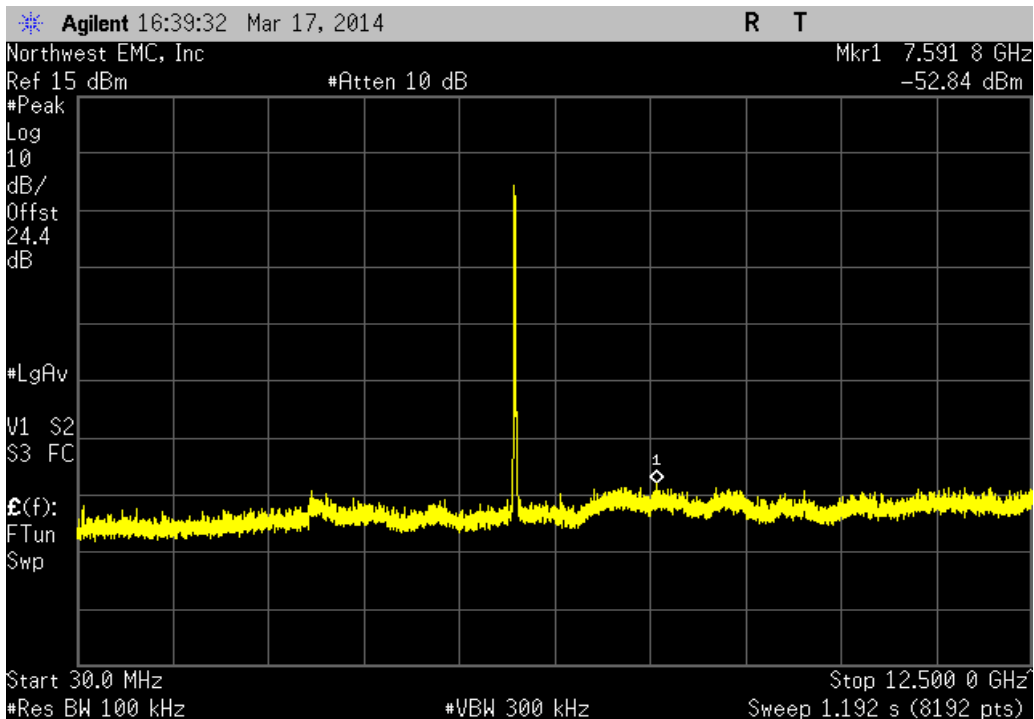
Result

30 MHz - 12.5 GHz

-54.4 dBc

≤ -20 dBc

Pass



IEEE 802.11(ac), 20 MHz, 5725 MHz - 5850 MHz Band, VHT, MCS0, Low Channel 149, 5745 MHz

Frequency

Range

Value

Limit

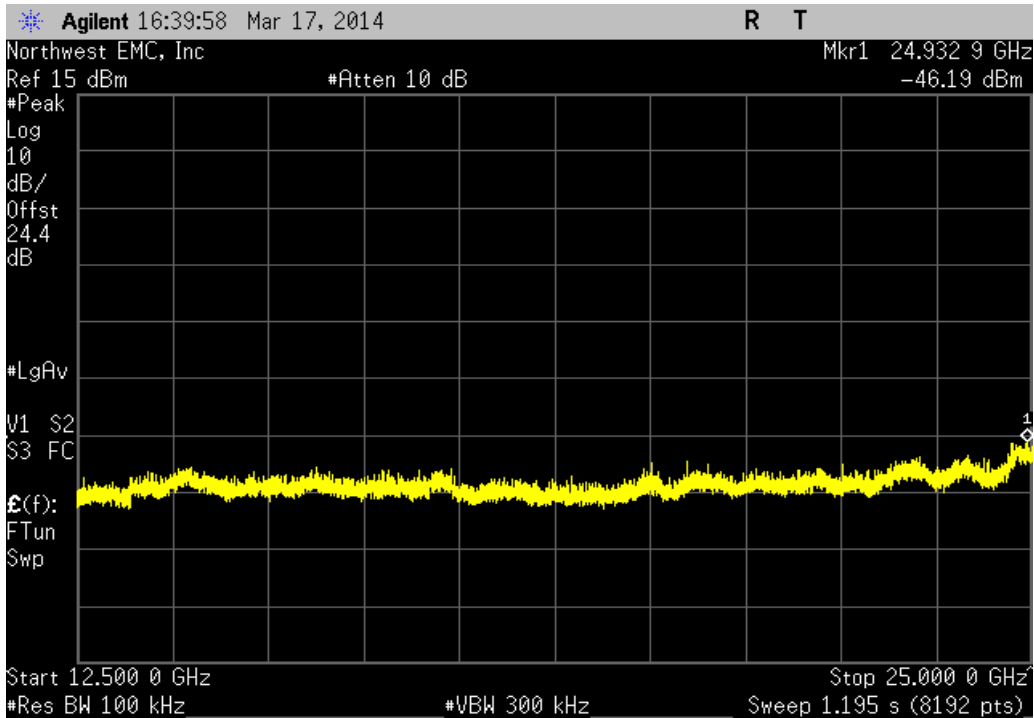
Result

12.5 GHz - 25 GHz

-47.75 dBc

≤ -20 dBc

Pass



IEEE 802.11(ac), 20 MHz, 5725 MHz - 5850 MHz Band, VHT, MCS0, Low Channel 149, 5745 MHz

Frequency

Range

Value

Limit

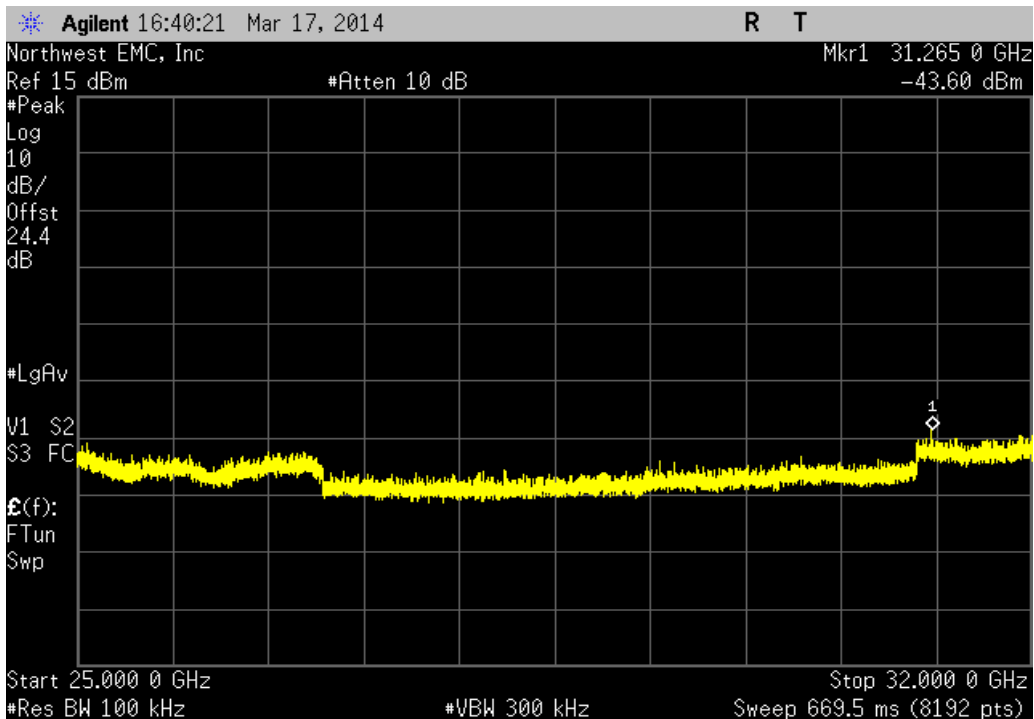
Result

25 GHz - 32 GHz

-45.16 dBc

≤ -20 dBc

Pass



IEEE 802.11(ac), 20 MHz, 5725 MHz - 5850 MHz Band, VHT, MCS0, Low Channel 149, 5745 MHz

Frequency

Range

Value

Limit

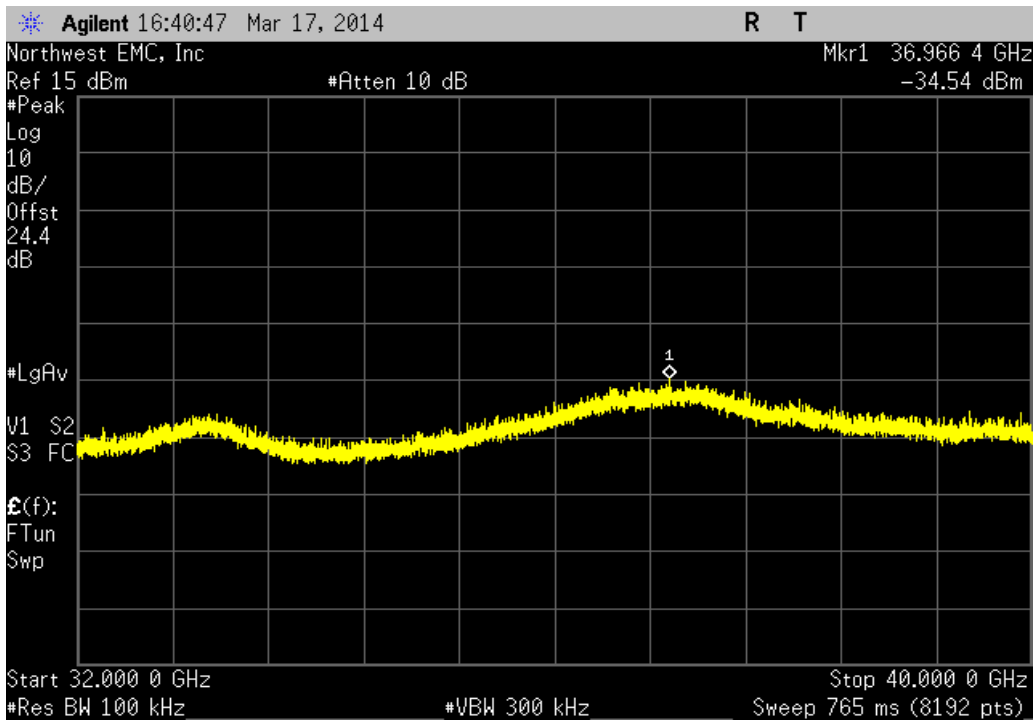
Result

32 GHz - 40 GHz

-36.1 dBc

≤ -20 dBc

Pass



IEEE 802.11(ac), 20 MHz, 5725 MHz - 5850 MHz Band, VHT, MCS0, Mid Channel 157, 5785 MHz

Frequency

Range

Value

Limit

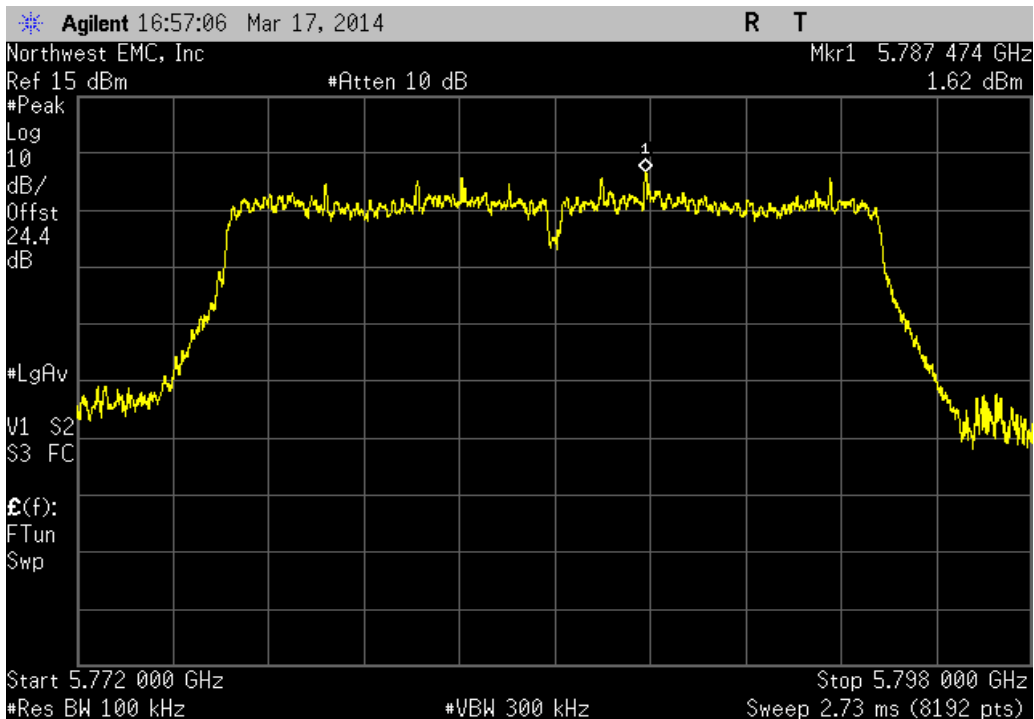
Result

Fundamental

N/A

N/A

N/A



IEEE 802.11(ac), 20 MHz, 5725 MHz - 5850 MHz Band, VHT, MCS0, Mid Channel 157, 5785 MHz

Frequency

Range

Value

Limit

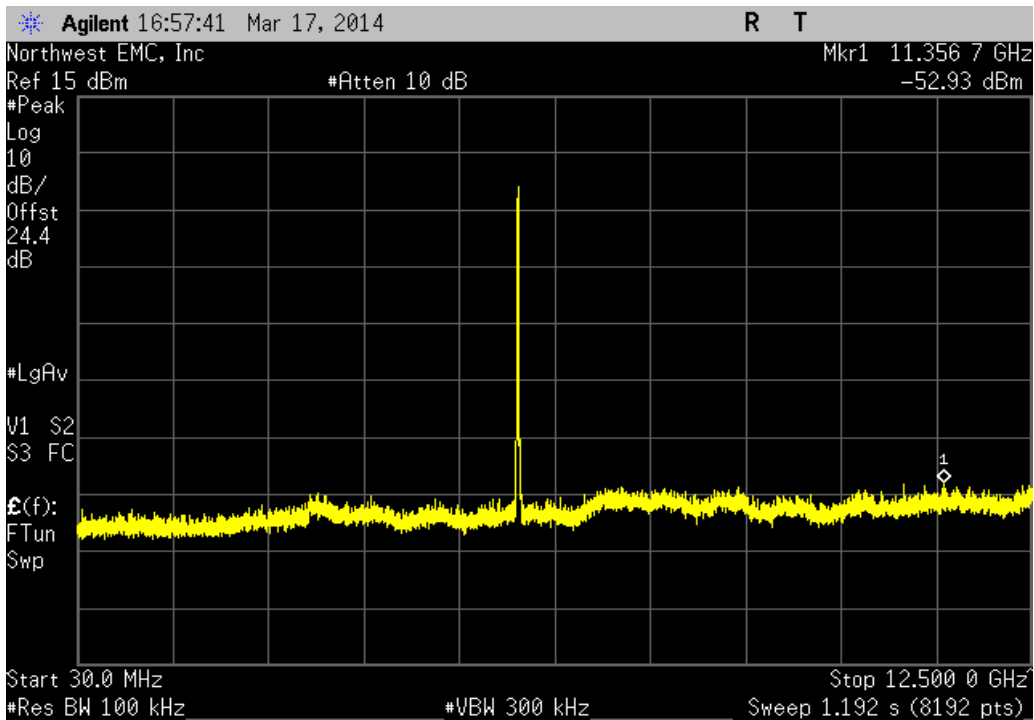
Result

30 MHz - 12.5 GHz

-54.55 dBc

≤ -20 dBc

Pass



IEEE 802.11(ac), 20 MHz, 5725 MHz - 5850 MHz Band, VHT, MCS0, Mid Channel 157, 5785 MHz

Frequency

Range

Value

Limit

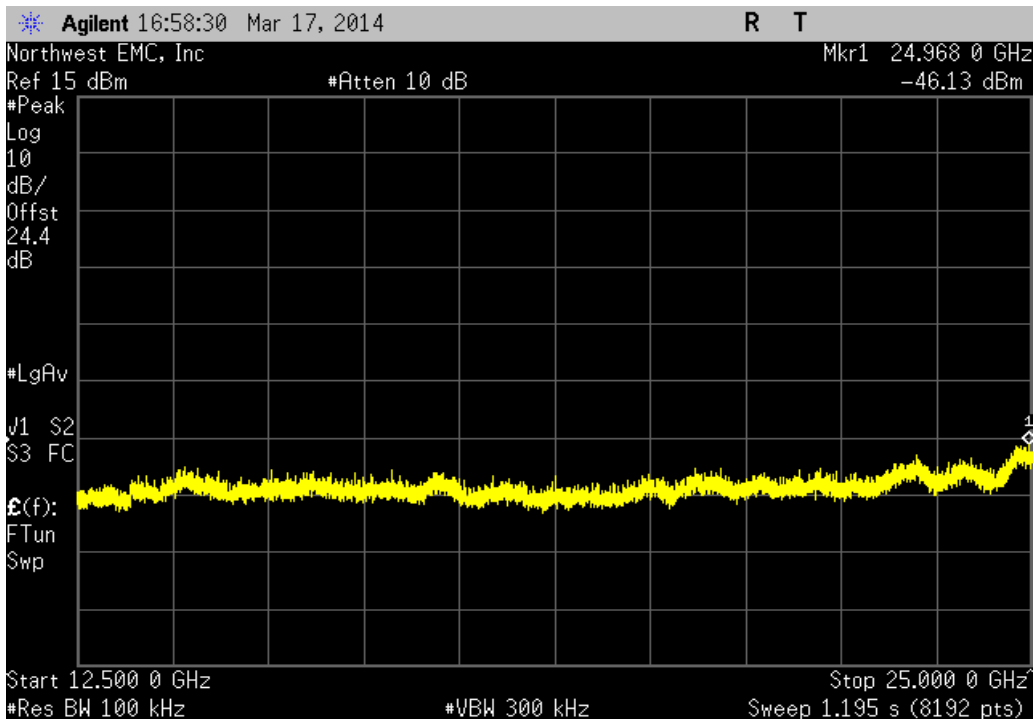
Result

12.5 GHz - 25 GHz

-47.76 dBc

≤ -20 dBc

Pass



IEEE 802.11(ac), 20 MHz, 5725 MHz - 5850 MHz Band, VHT, MCS0, Mid Channel 157, 5785 MHz

Frequency

Range

Value

Limit

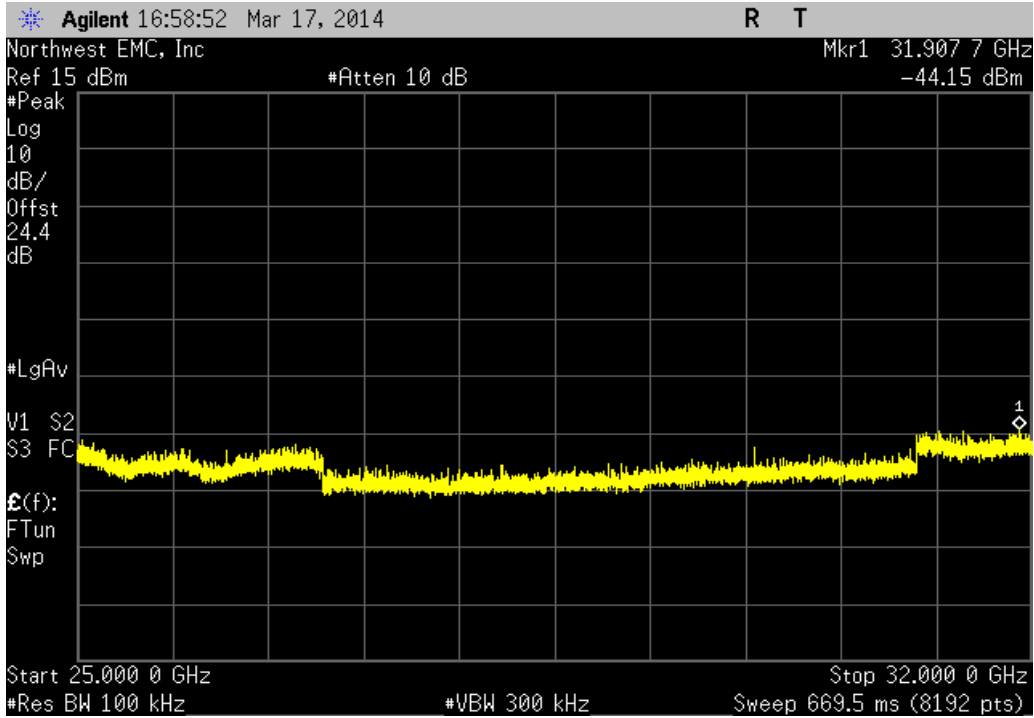
Result

25 GHz - 32 GHz

-45.77 dBc

≤ -20 dBc

Pass



IEEE 802.11(ac), 20 MHz, 5725 MHz - 5850 MHz Band, VHT, MCS0, Mid Channel 157, 5785 MHz

Frequency

Range

Value

Limit

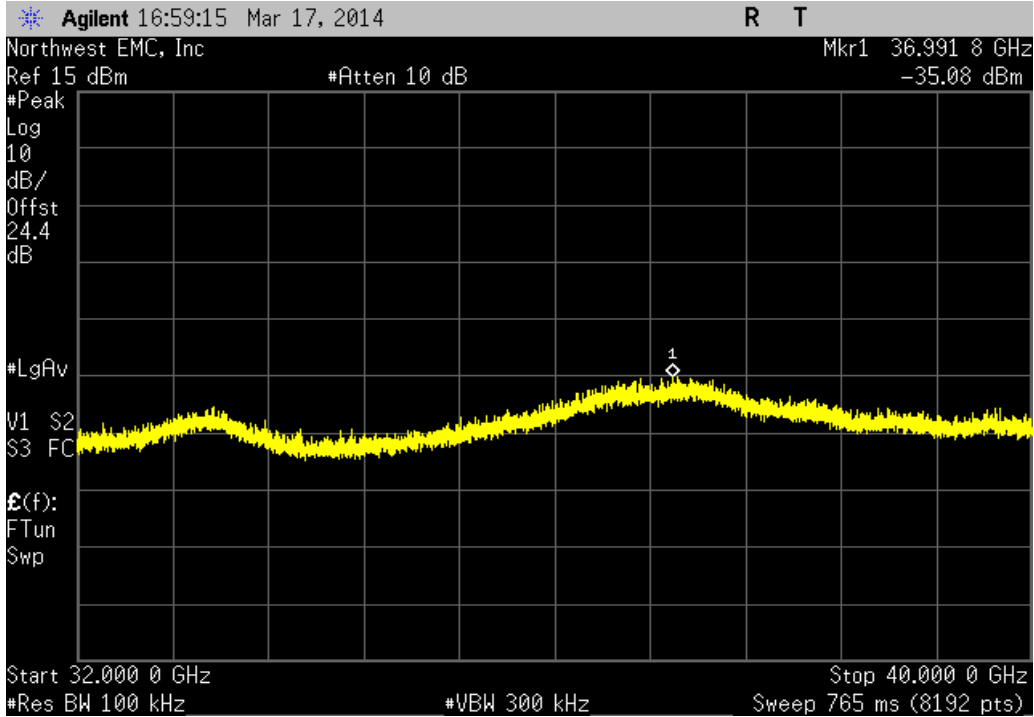
Result

32 GHz - 40 GHz

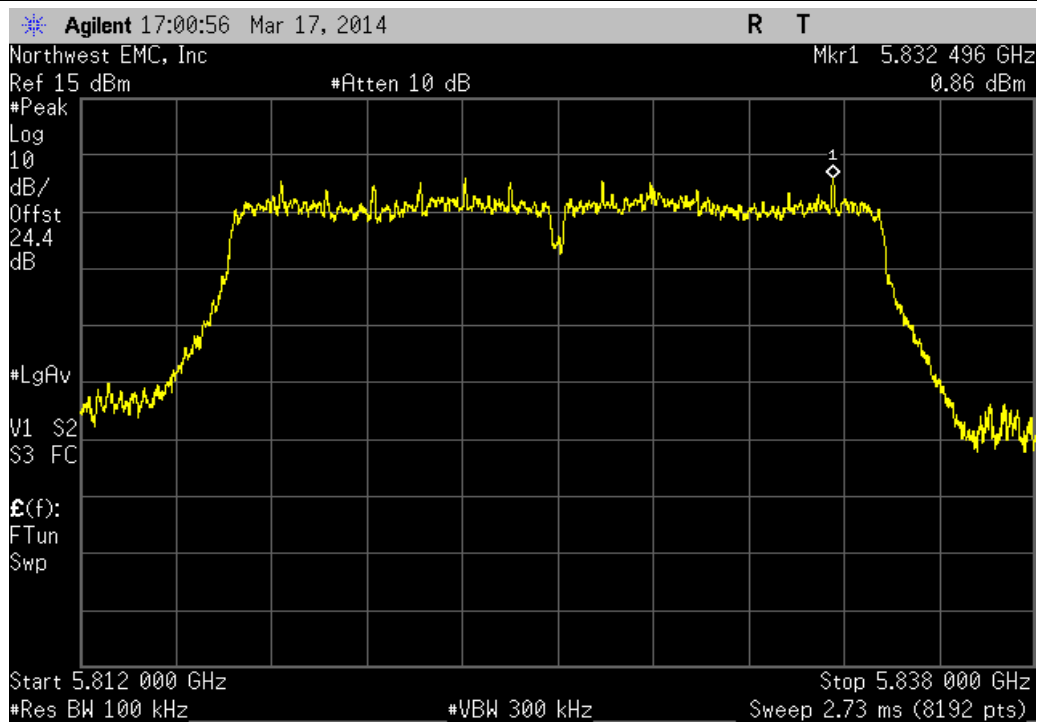
-36.7 dBc

≤ -20 dBc

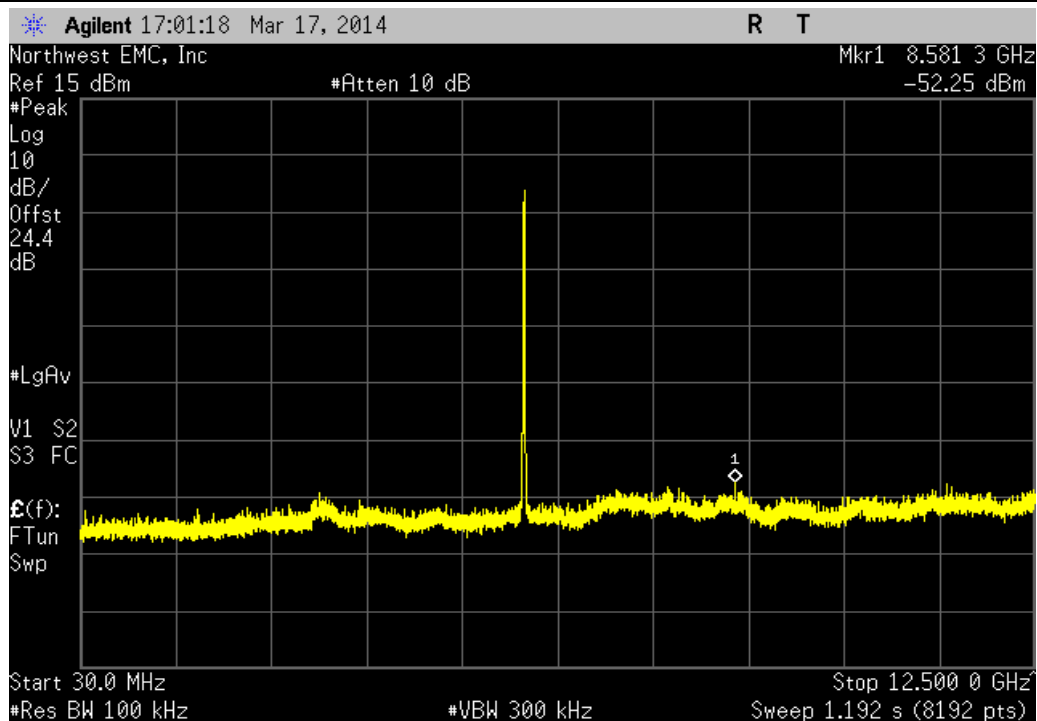
Pass



IEEE 802.11(ac), 20 MHz, 5725 MHz - 5850 MHz Band, VHT, MCS0, High Channel 165, 5825 MHz				
Frequency Range		Value	Limit	Result
Fundamental		N/A	N/A	N/A



IEEE 802.11(ac), 20 MHz, 5725 MHz - 5850 MHz Band, VHT, MCS0, High Channel 165, 5825 MHz				
Frequency Range		Value	Limit	Result
30 MHz - 12.5 GHz		-53.11 dBc	≤ -20 dBc	Pass



IEEE 802.11(ac), 20 MHz, 5725 MHz - 5850 MHz Band, VHT, MCS0, High Channel 165, 5825 MHz

Frequency

Range

Value

Limit

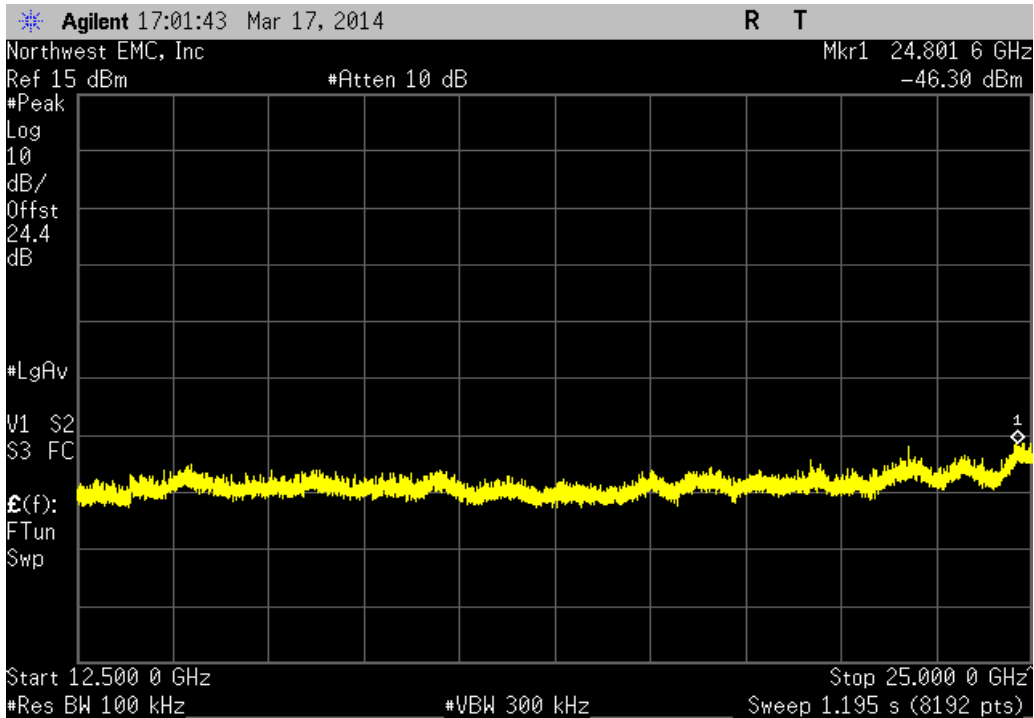
Result

12.5 GHz - 25 GHz

-47.16 dBc

≤ -20 dBc

Pass



IEEE 802.11(ac), 20 MHz, 5725 MHz - 5850 MHz Band, VHT, MCS0, High Channel 165, 5825 MHz

Frequency

Range

Value

Limit

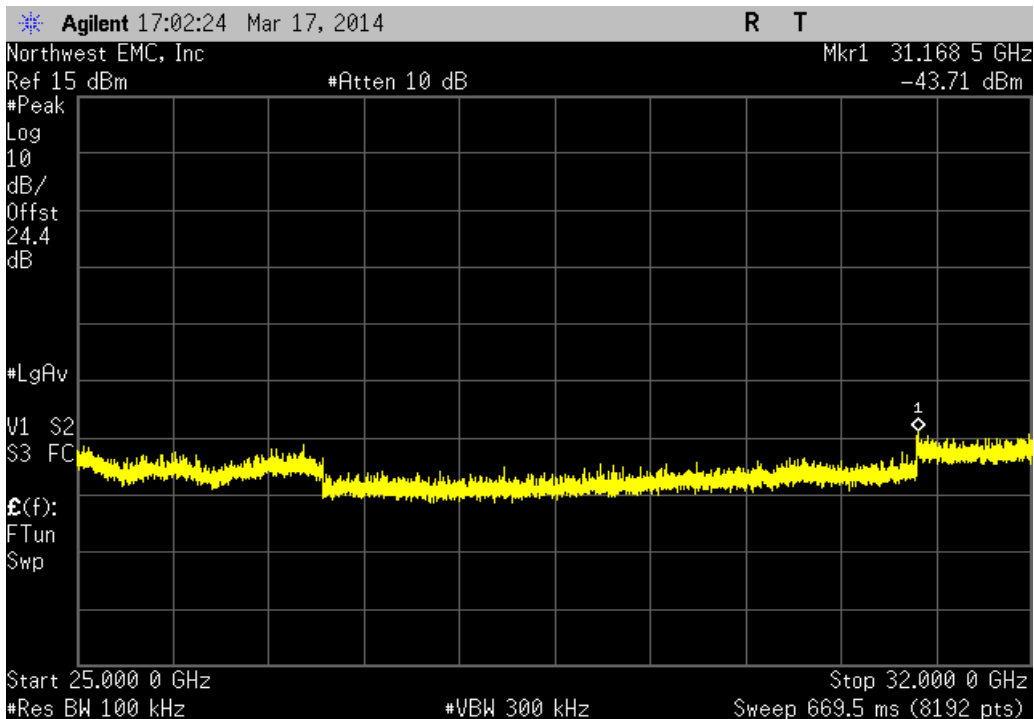
Result

25 GHz - 32 GHz

-44.57 dBc

≤ -20 dBc

Pass



IEEE 802.11(ac), 20 MHz, 5725 MHz - 5850 MHz Band, VHT, MCS0, High Channel 165, 5825 MHz

Frequency

Range

Value

Limit

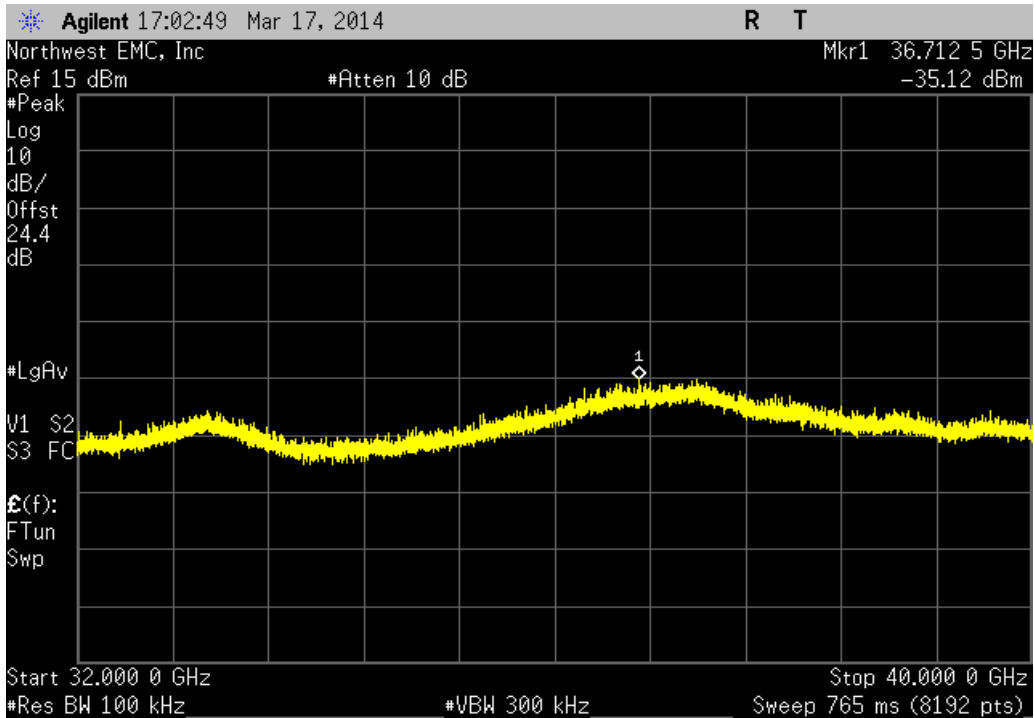
Result

32 GHz - 40 GHz

-35.98 dBc

≤ -20 dBc

Pass



IEEE 802.11(ac), 20 MHz, 5725 MHz - 5850 MHz Band, VHT, MCS8, Low Channel 149, 5745 MHz

Frequency

Range

Value

Limit

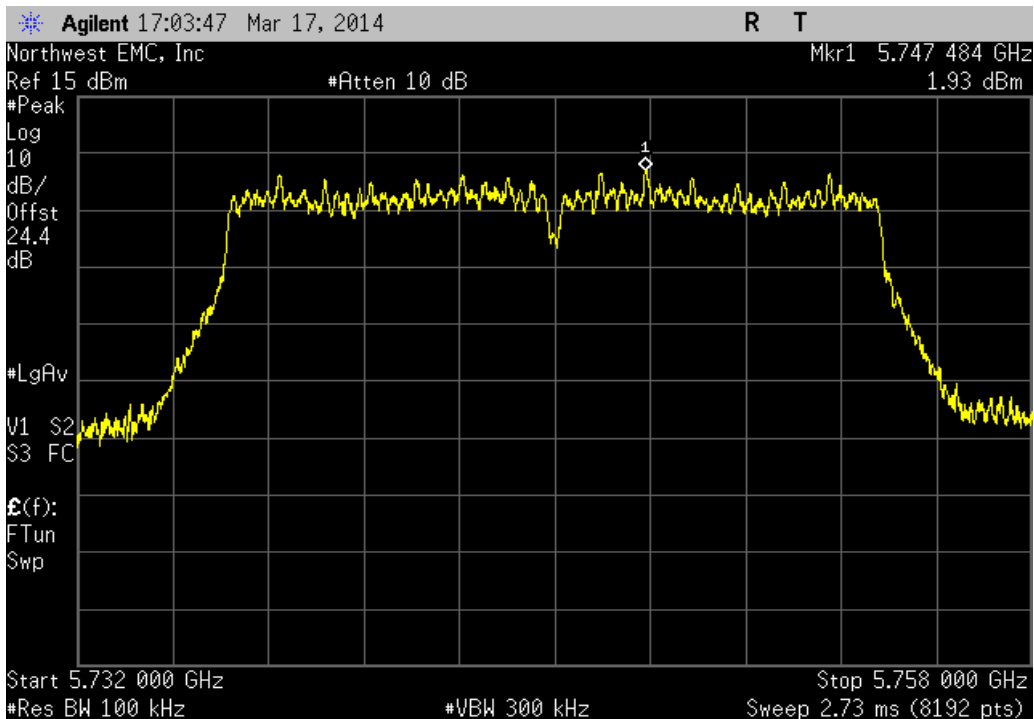
Result

Fundamental

N/A

N/A

N/A



IEEE 802.11(ac), 20 MHz, 5725 MHz - 5850 MHz Band, VHT, MCS8, Low Channel 149, 5745 MHz

Frequency

Range

Value

Limit

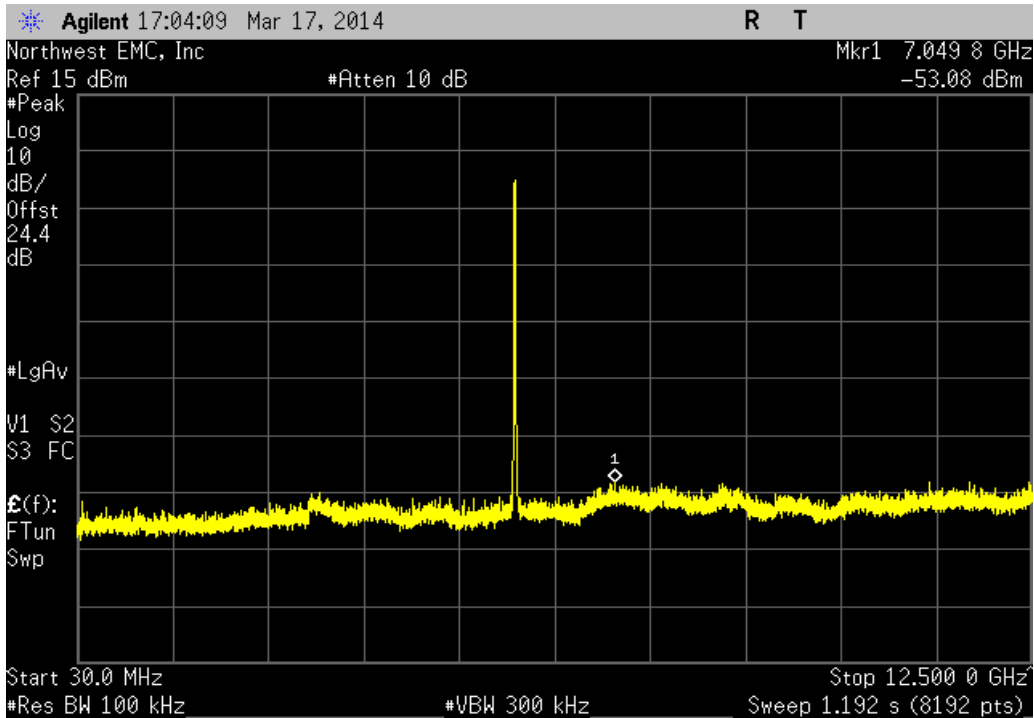
Result

30 MHz - 12.5 GHz

-55.01 dBc

≤ -20 dBc

Pass



IEEE 802.11(ac), 20 MHz, 5725 MHz - 5850 MHz Band, VHT, MCS8, Low Channel 149, 5745 MHz

Frequency

Range

Value

Limit

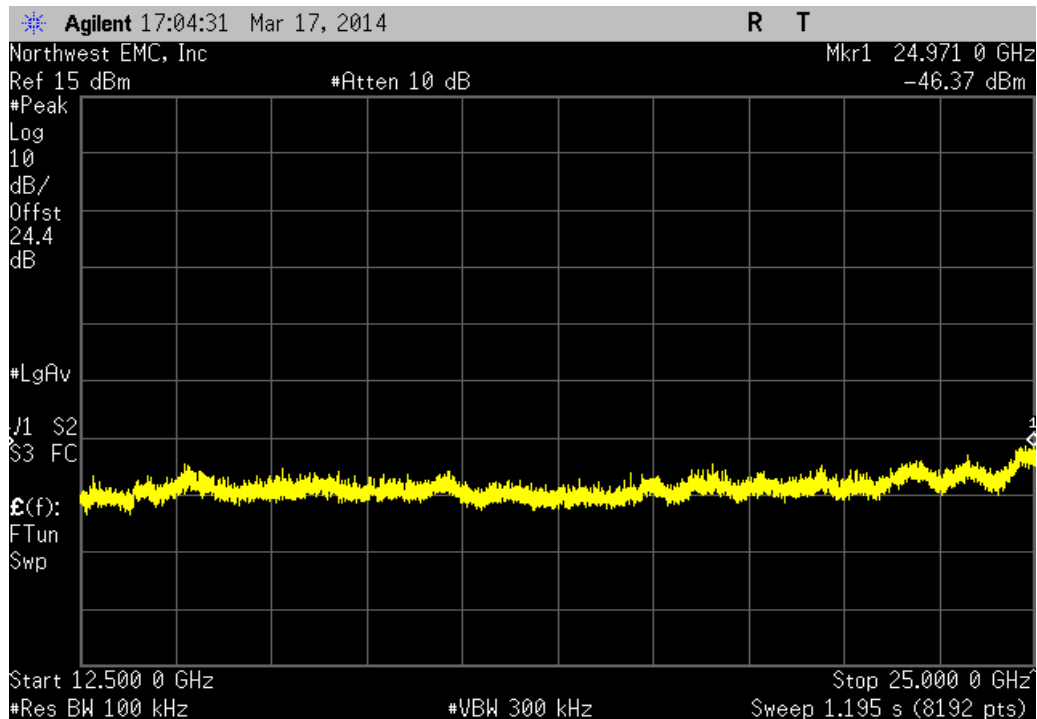
Result

12.5 GHz - 25 GHz

-48.3 dBc

≤ -20 dBc

Pass



IEEE 802.11(ac), 20 MHz, 5725 MHz - 5850 MHz Band, VHT, MCS8, Low Channel 149, 5745 MHz

Frequency

Range

Value

Limit

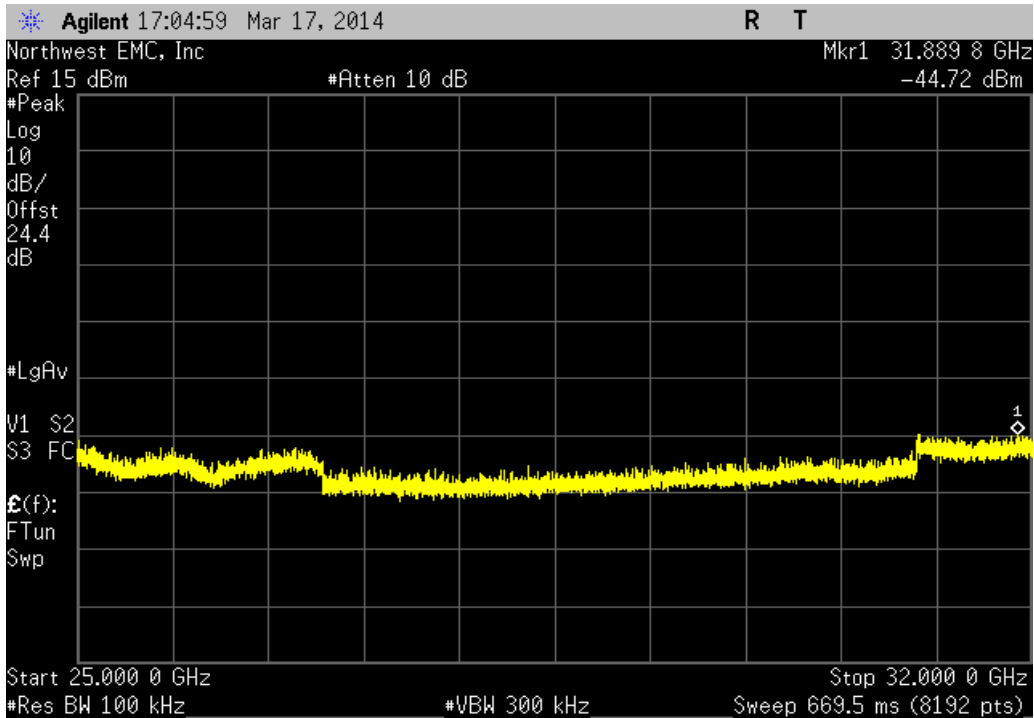
Result

25 GHz - 32 GHz

-46.65 dBc

≤ -20 dBc

Pass



IEEE 802.11(ac), 20 MHz, 5725 MHz - 5850 MHz Band, VHT, MCS8, Low Channel 149, 5745 MHz

Frequency

Range

Value

Limit

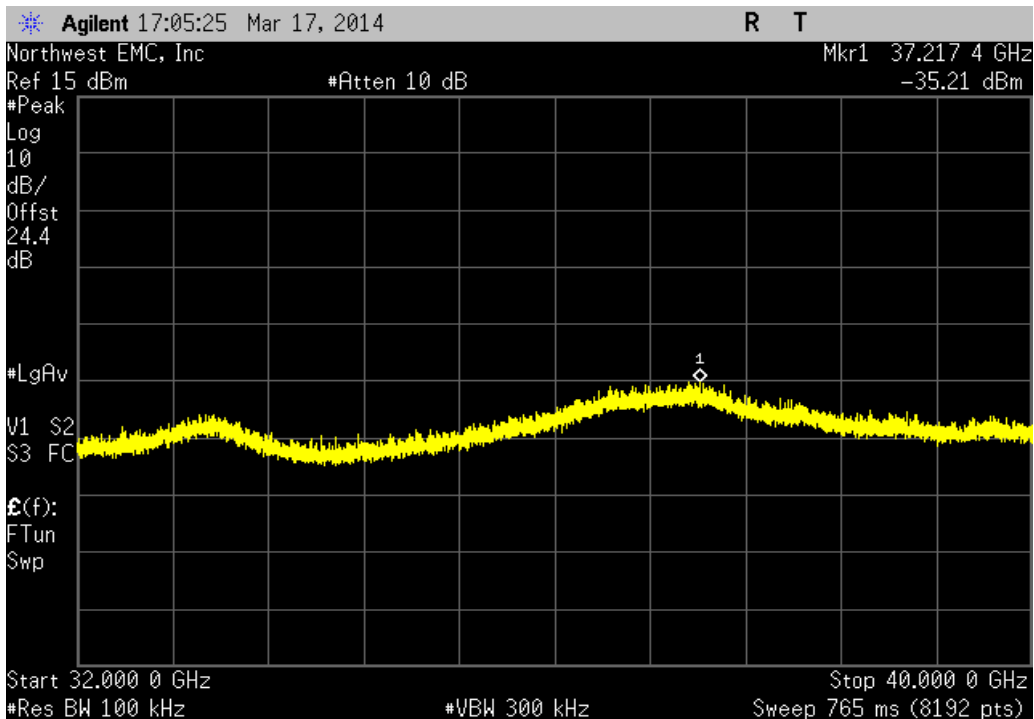
Result

32 GHz - 40 GHz

-37.14 dBc

≤ -20 dBc

Pass



IEEE 802.11(ac), 20 MHz, 5725 MHz - 5850 MHz Band, VHT, MCS8, Mid Channel 157, 5785 MHz

Frequency

Range

Value

Limit

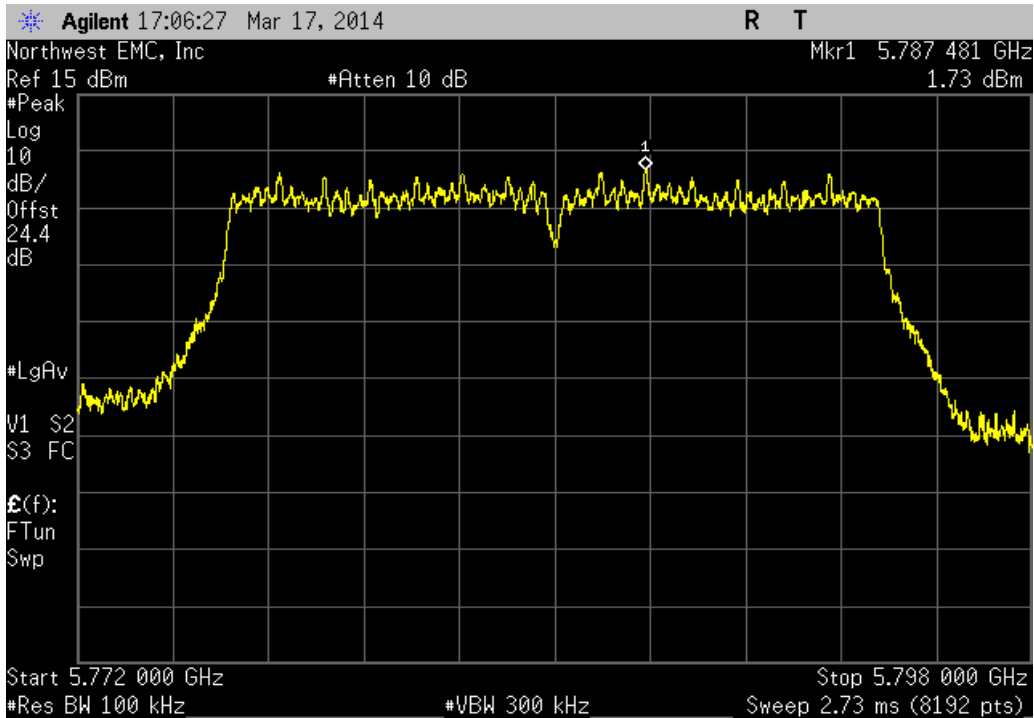
Result

Fundamental

N/A

N/A

N/A



IEEE 802.11(ac), 20 MHz, 5725 MHz - 5850 MHz Band, VHT, MCS8, Mid Channel 157, 5785 MHz

Frequency

Range

Value

Limit

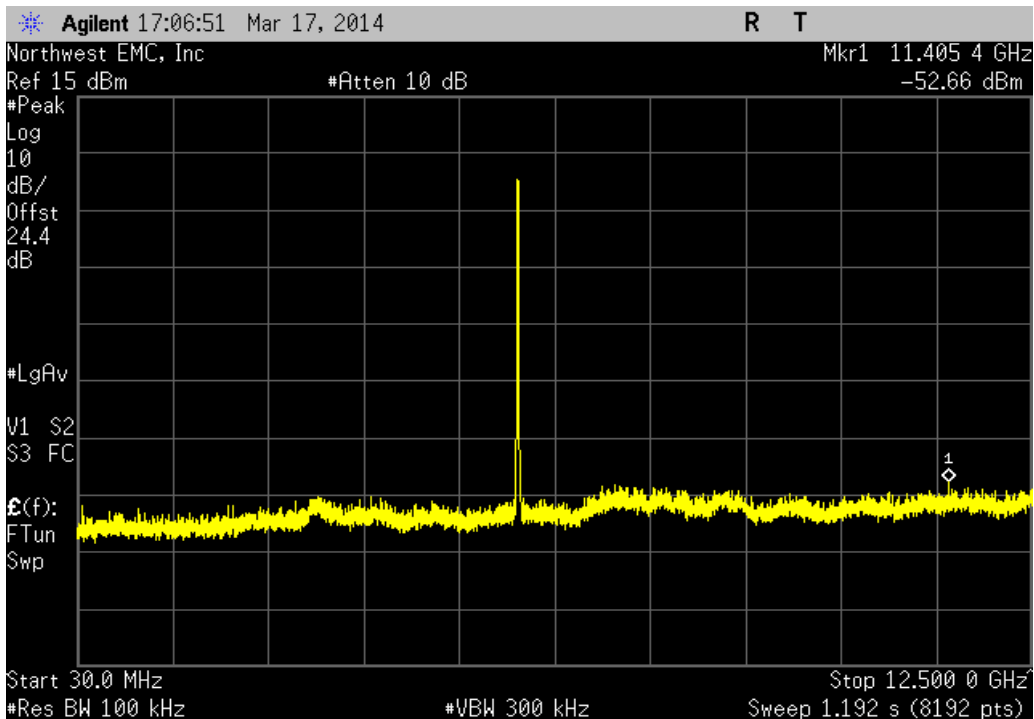
Result

30 MHz - 12.5 GHz

-54.39 dBc

≤ -20 dBc

Pass



IEEE 802.11(ac), 20 MHz, 5725 MHz - 5850 MHz Band, VHT, MCS8, Mid Channel 157, 5785 MHz

Frequency

Range

Value

Limit

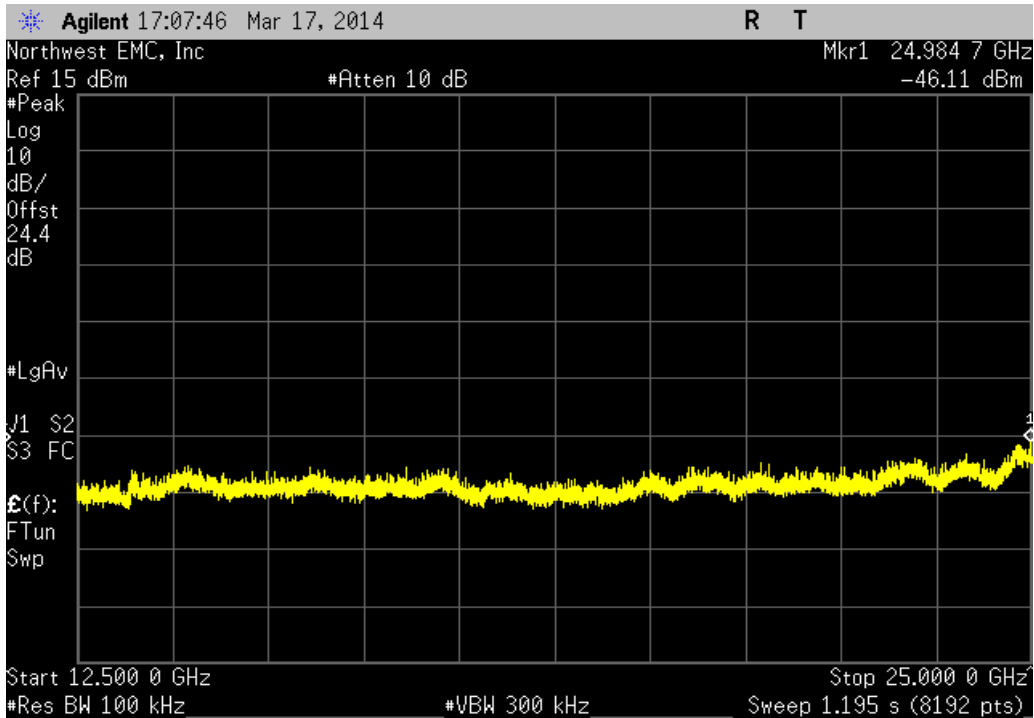
Result

12.5 GHz - 25 GHz

-47.84 dBc

≤ -20 dBc

Pass



IEEE 802.11(ac), 20 MHz, 5725 MHz - 5850 MHz Band, VHT, MCS8, Mid Channel 157, 5785 MHz

Frequency

Range

Value

Limit

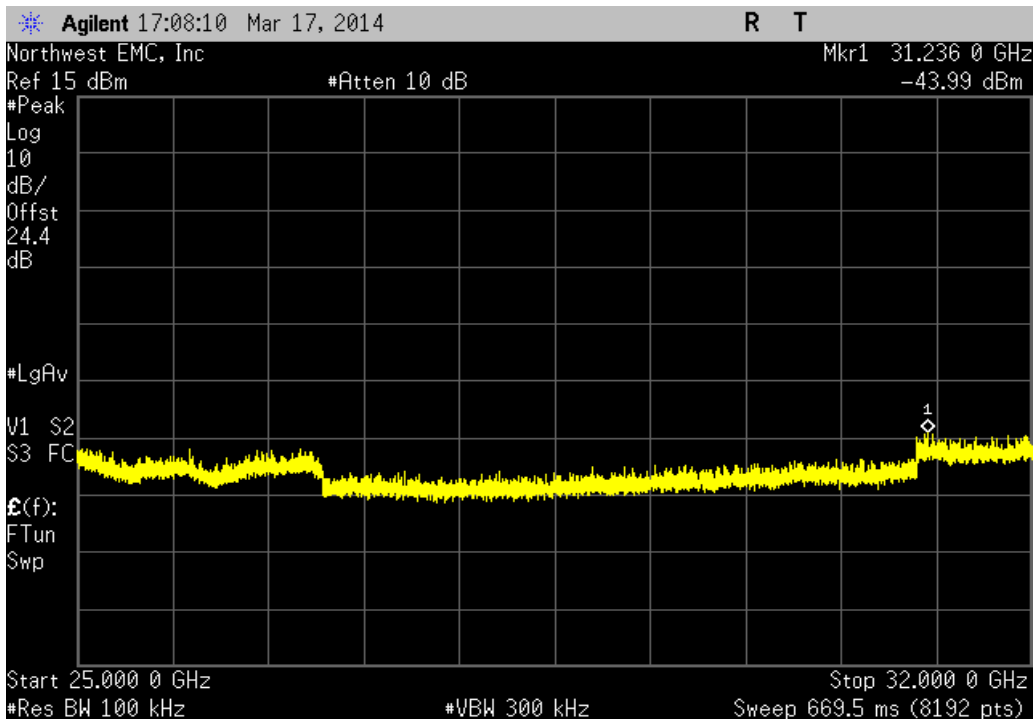
Result

25 GHz - 32 GHz

-45.72 dBc

≤ -20 dBc

Pass



IEEE 802.11(ac), 20 MHz, 5725 MHz - 5850 MHz Band, VHT, MCS8, Mid Channel 157, 5785 MHz

Frequency

Range

Value

Limit

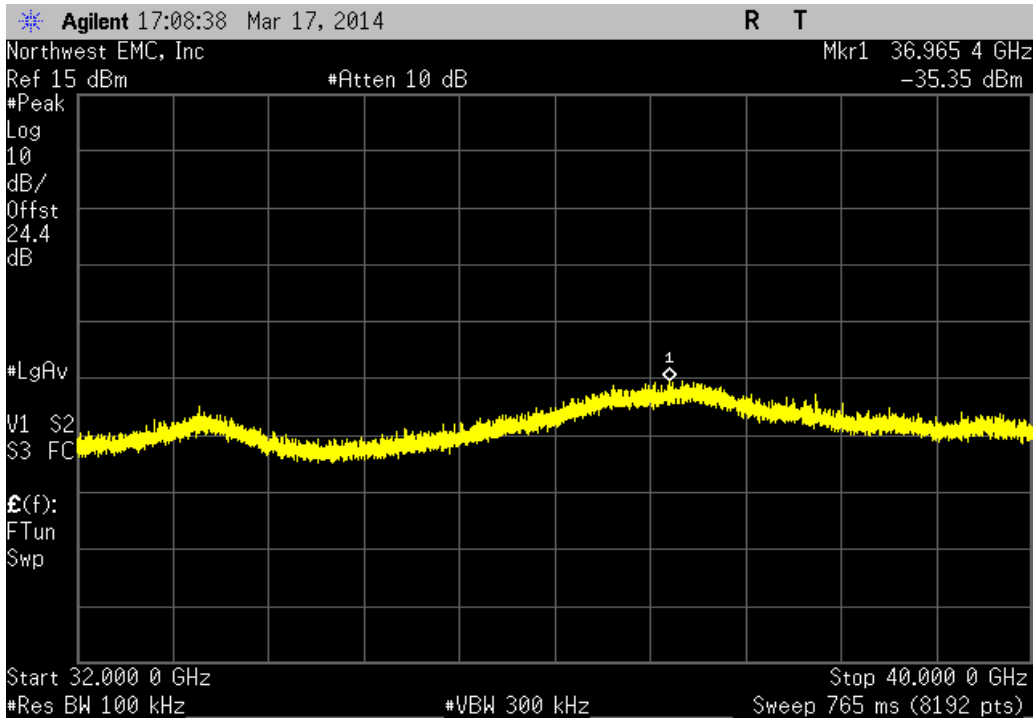
Result

32 GHz - 40 GHz

-37.08 dBc

≤ -20 dBc

Pass



IEEE 802.11(ac), 20 MHz, 5725 MHz - 5850 MHz Band, VHT, MCS8, High Channel 165, 5825 MHz

Frequency

Range

Value

Limit

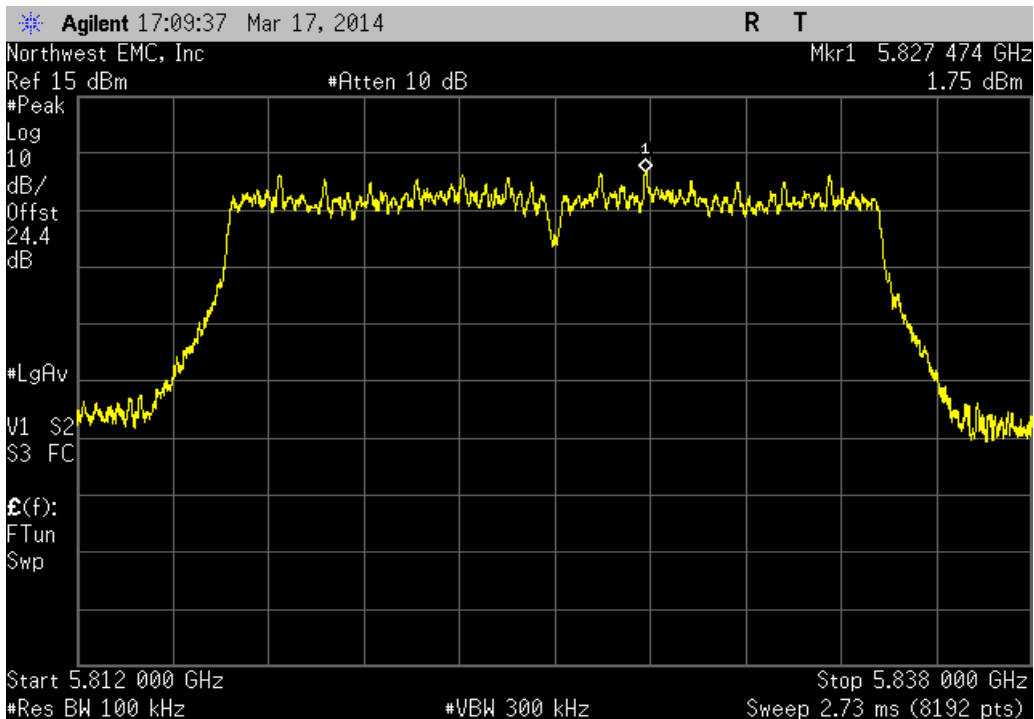
Result

Fundamental

N/A

N/A

N/A



IEEE 802.11(ac), 20 MHz, 5725 MHz - 5850 MHz Band, VHT, MCS8, High Channel 165, 5825 MHz

Frequency

Range

Value

Limit

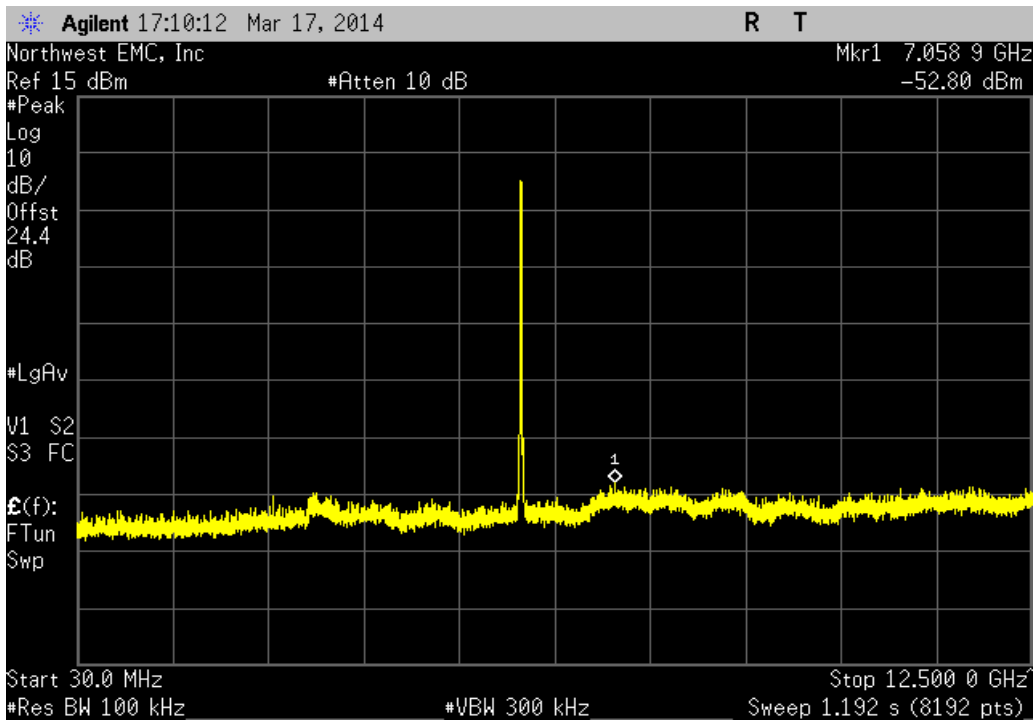
Result

30 MHz - 12.5 GHz

-54.55 dBc

≤ -20 dBc

Pass



IEEE 802.11(ac), 20 MHz, 5725 MHz - 5850 MHz Band, VHT, MCS8, High Channel 165, 5825 MHz

Frequency

Range

Value

Limit

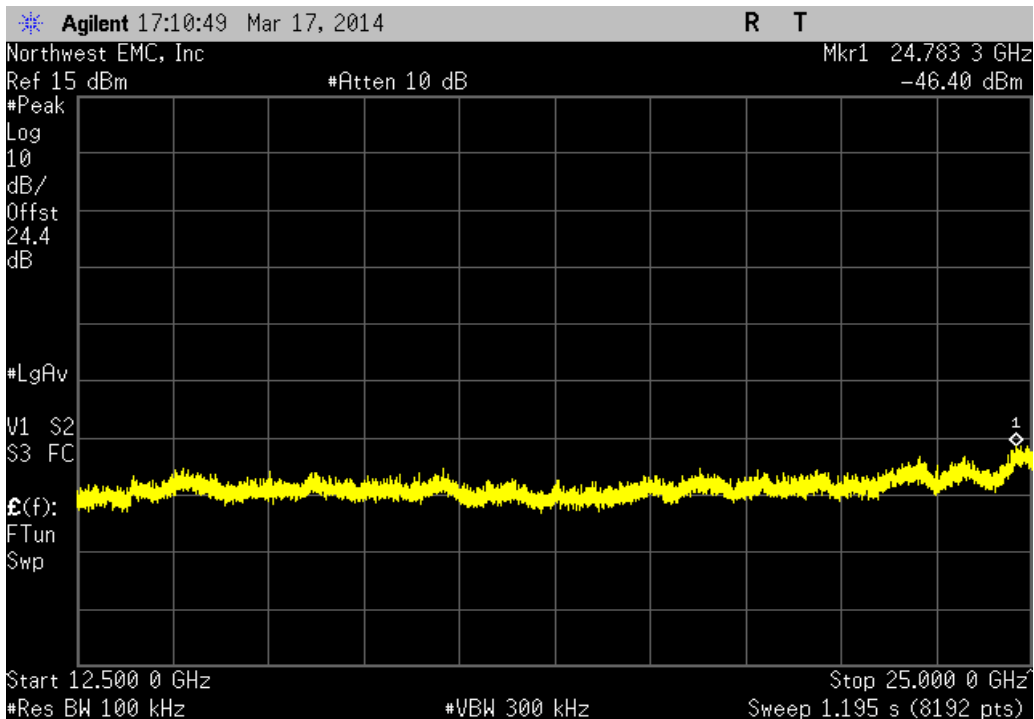
Result

12.5 GHz - 25 GHz

-48.15 dBc

≤ -20 dBc

Pass



IEEE 802.11(ac), 20 MHz, 5725 MHz - 5850 MHz Band, VHT, MCS8, High Channel 165, 5825 MHz

Frequency

Range

Value

Limit

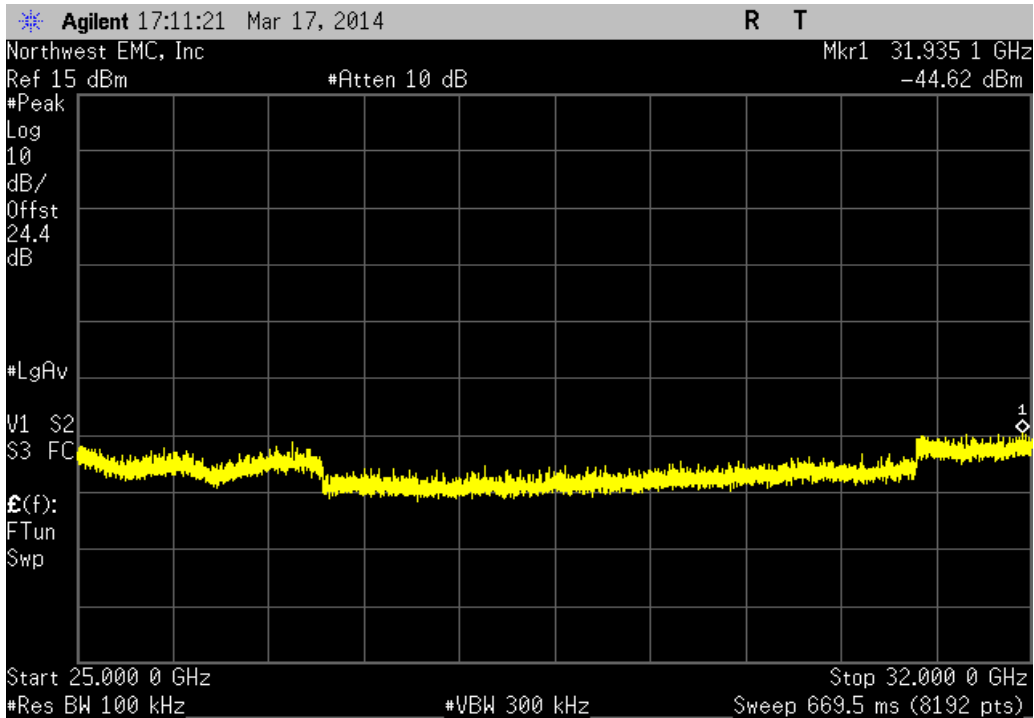
Result

25 GHz - 32 GHz

-46.37 dBc

≤ -20 dBc

Pass



IEEE 802.11(ac), 20 MHz, 5725 MHz - 5850 MHz Band, VHT, MCS8, High Channel 165, 5825 MHz

Frequency

Range

Value

Limit

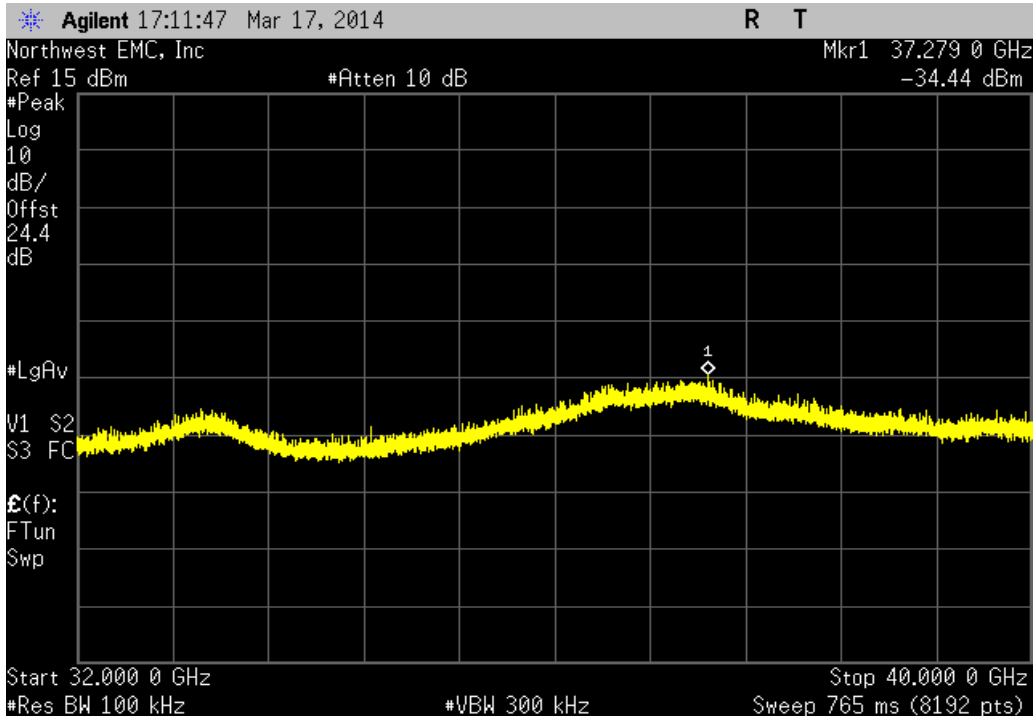
Result

32 GHz - 40 GHz

-36.19 dBc

≤ -20 dBc

Pass



IEEE 802.11(ac), 40 MHz, 5725 MHz - 5850 MHz Band, VHT, MCS0, Low Channel 149/153, 5755 MHz

Frequency

Range

Value

Limit

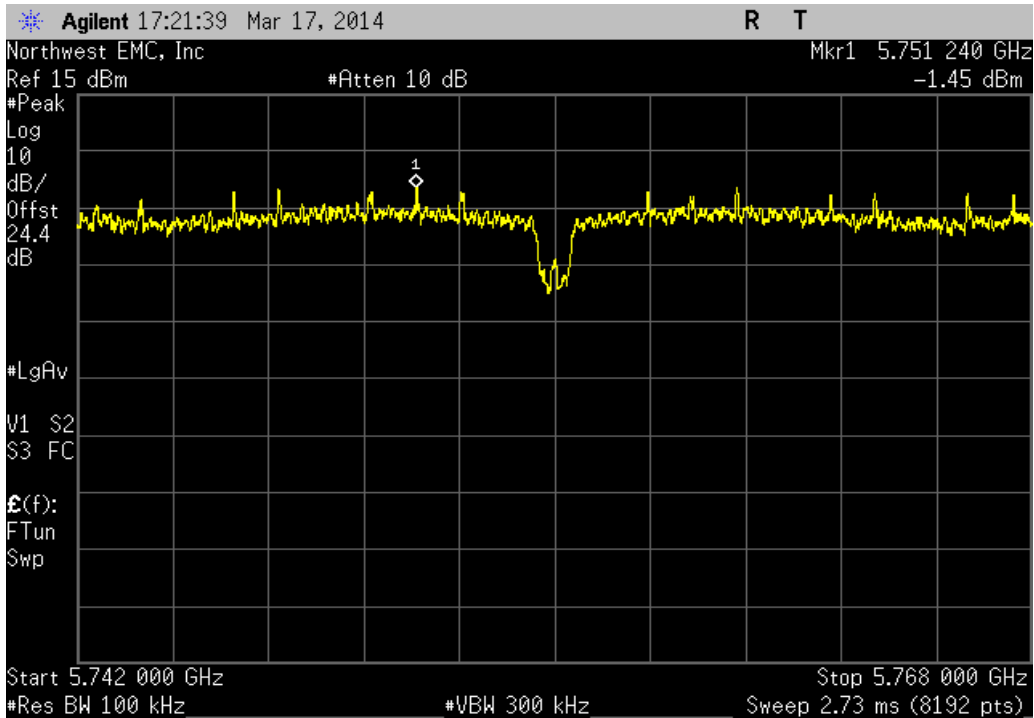
Result

Fundamental

N/A

N/A

N/A



IEEE 802.11(ac), 40 MHz, 5725 MHz - 5850 MHz Band, VHT, MCS0, Low Channel 149/153, 5755 MHz

Frequency

Range

Value

Limit

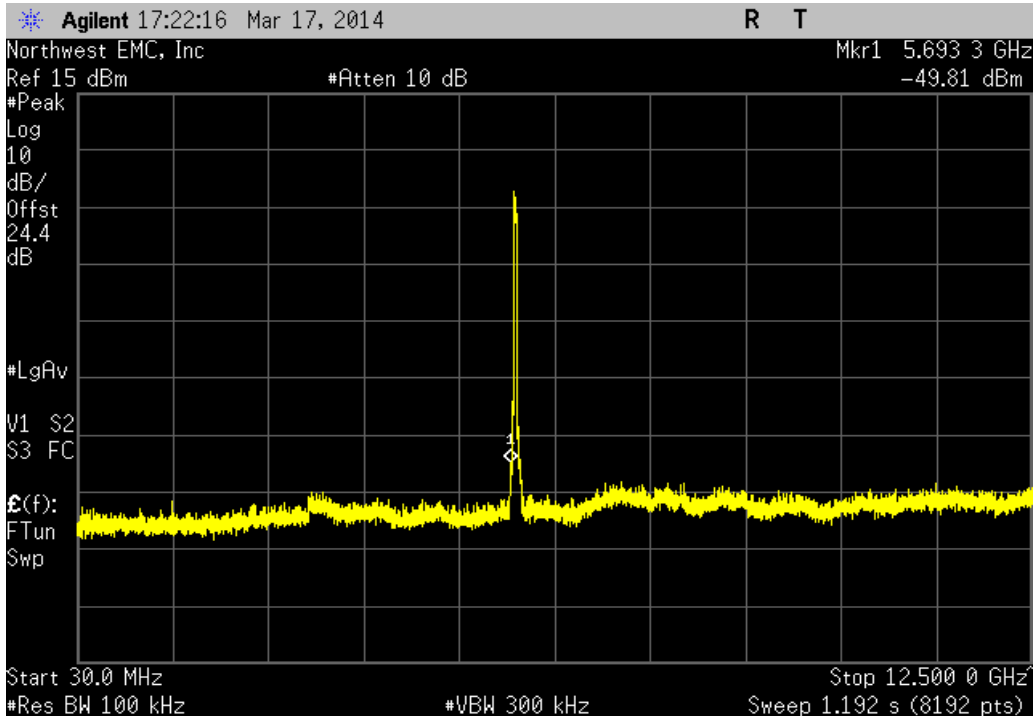
Result

30 MHz - 12.5 GHz

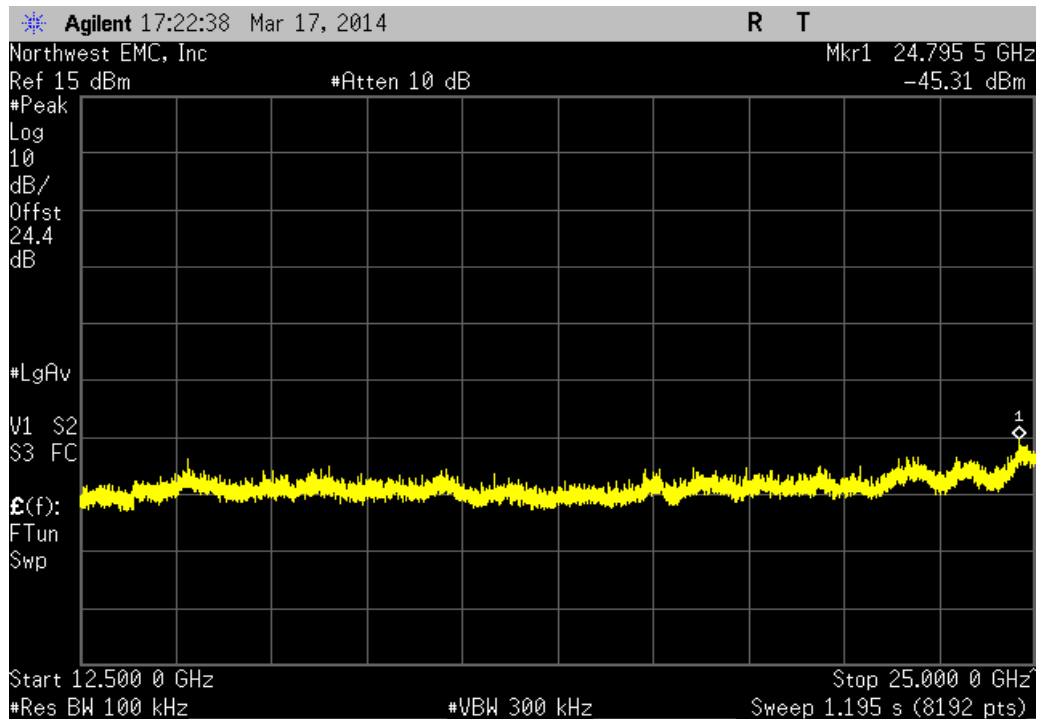
-48.36 dBc

≤ -20 dBc

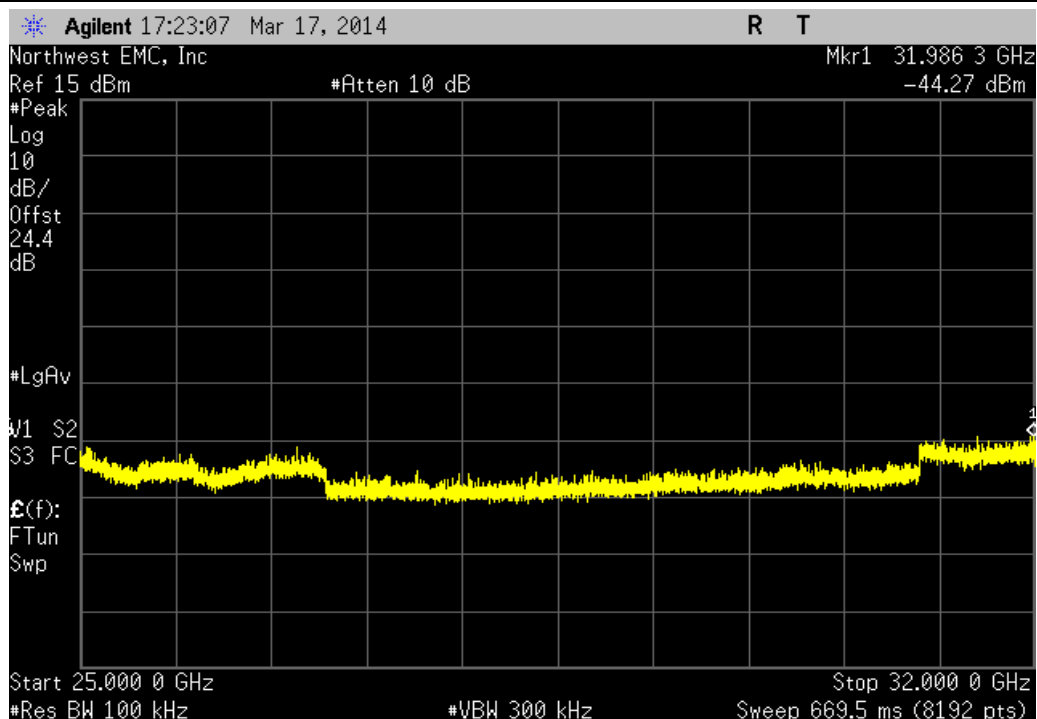
Pass



IEEE 802.11(ac), 40 MHz, 5725 MHz - 5850 MHz Band, VHT, MCS0, Low Channel 149/153, 5755 MHz				
Frequency Range		Value	Limit	Result
12.5 GHz - 25 GHz		-43.86 dBc	≤ -20 dBc	Pass



IEEE 802.11(ac), 40 MHz, 5725 MHz - 5850 MHz Band, VHT, MCS0, Low Channel 149/153, 5755 MHz				
Frequency Range		Value	Limit	Result
25 GHz - 32 GHz		-42.82 dBc	≤ -20 dBc	Pass



IEEE 802.11(ac), 40 MHz, 5725 MHz - 5850 MHz Band, VHT, MCS0, Low Channel 149/153, 5755 MHz

Frequency

Range

Value

Limit

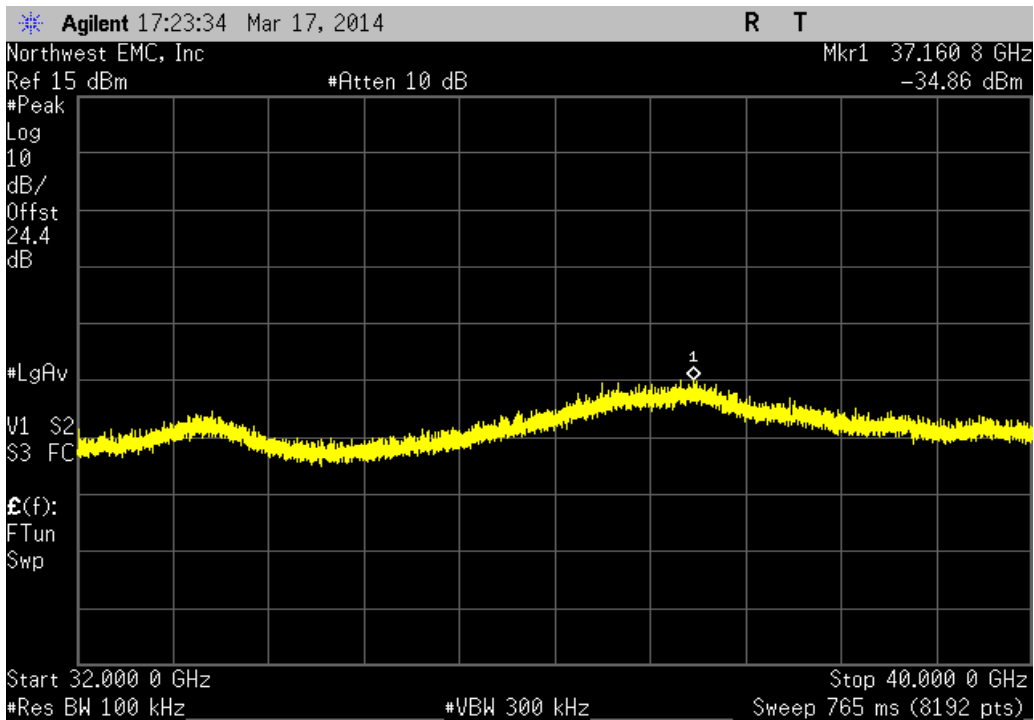
Result

32 GHz - 40 GHz

-33.41 dBc

≤ -20 dBc

Pass



IEEE 802.11(ac), 40 MHz, 5725 MHz - 5850 MHz Band, VHT, MCS0, High Channel 157/161, 5795 MHz

Frequency

Range

Value

Limit

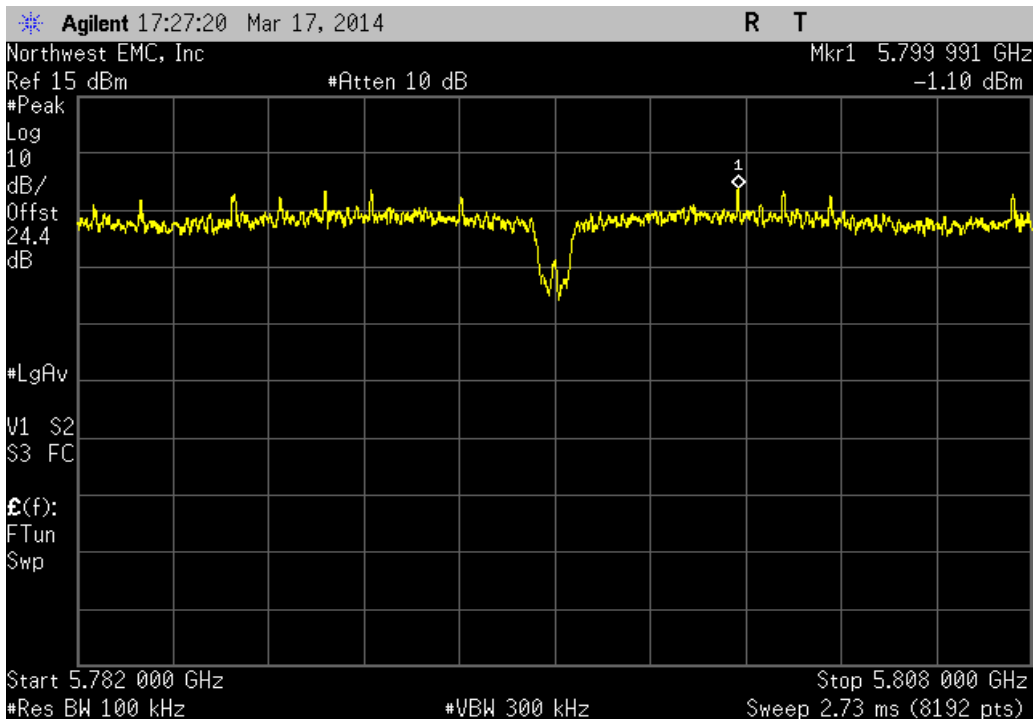
Result

Fundamental

N/A

N/A

N/A



IEEE 802.11(ac), 40 MHz, 5725 MHz - 5850 MHz Band, VHT, MCS0, High Channel 157/161, 5795 MHz

Frequency

Range

Value

Limit

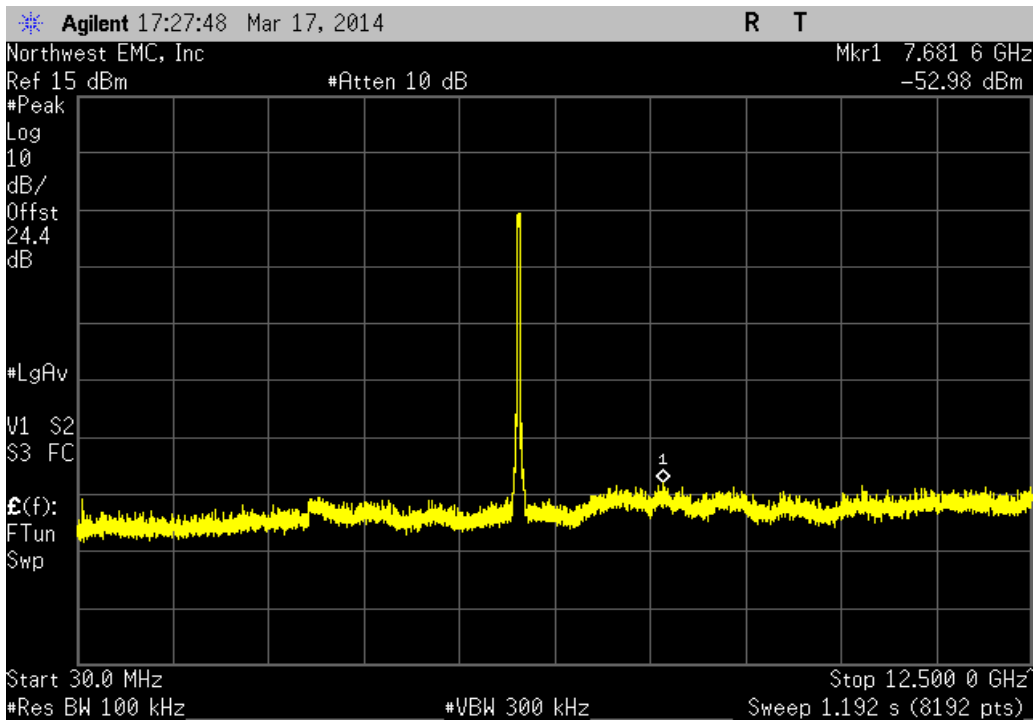
Result

30 MHz - 12.5 GHz

-51.88 dBc

≤ -20 dBc

Pass



IEEE 802.11(ac), 40 MHz, 5725 MHz - 5850 MHz Band, VHT, MCS0, High Channel 157/161, 5795 MHz

Frequency

Range

Value

Limit

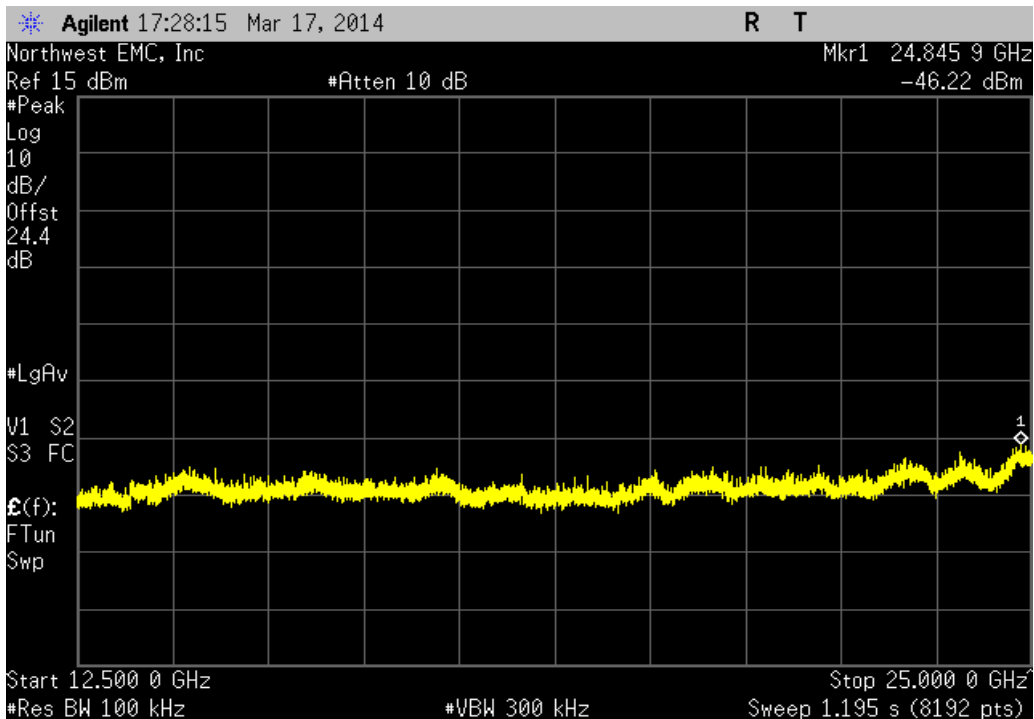
Result

12.5 GHz - 25 GHz

-45.12 dBc

≤ -20 dBc

Pass



IEEE 802.11(ac), 40 MHz, 5725 MHz - 5850 MHz Band, VHT, MCS0, High Channel 157/161, 5795 MHz

Frequency

Range

Value

Limit

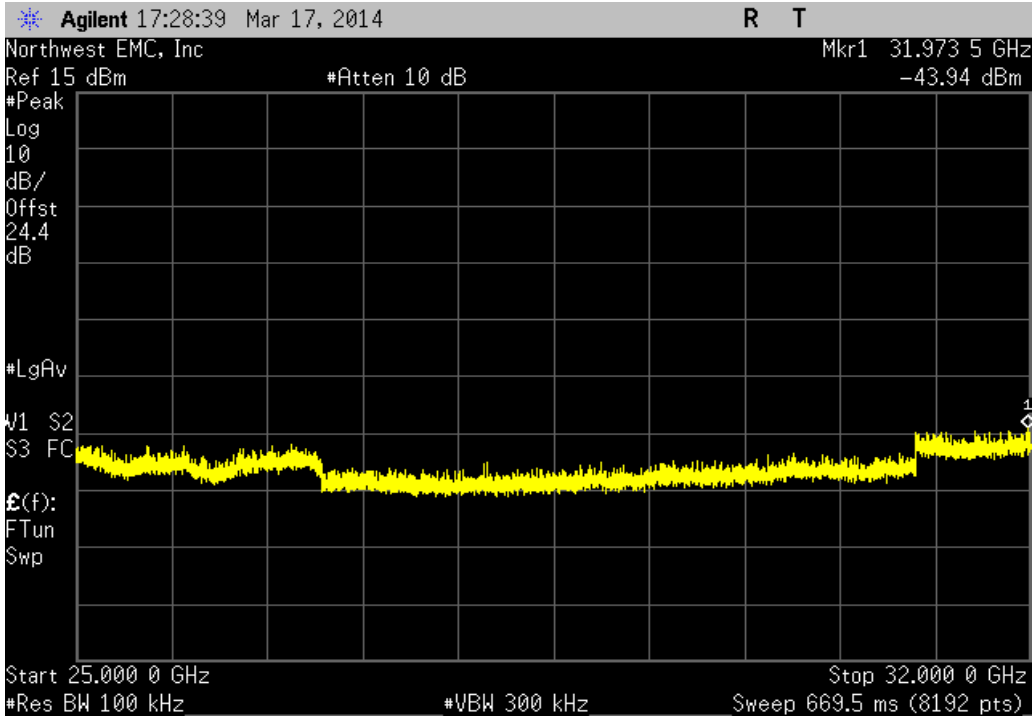
Result

25 GHz - 32 GHz

-42.84 dBc

≤ -20 dBc

Pass



IEEE 802.11(ac), 40 MHz, 5725 MHz - 5850 MHz Band, VHT, MCS0, High Channel 157/161, 5795 MHz

Frequency

Range

Value

Limit

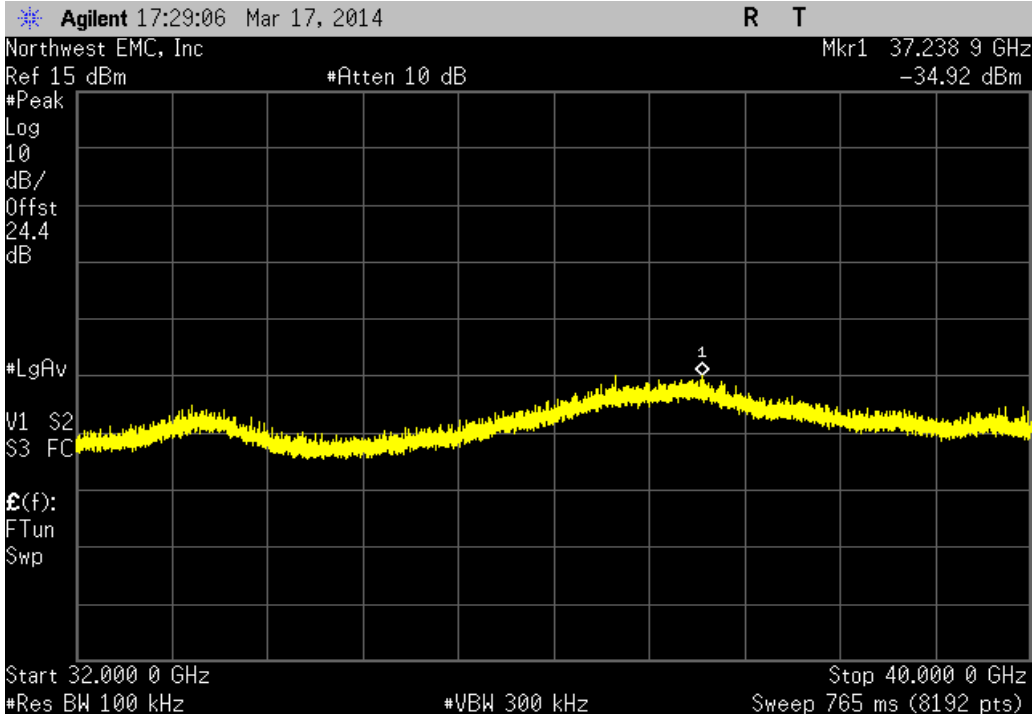
Result

32 GHz - 40 GHz

-33.82 dBc

≤ -20 dBc

Pass



IEEE 802.11(ac), 40 MHz, 5725 MHz - 5850 MHz Band, VHT, MCS9, Low Channel 149/153, 5755 MHz

Frequency

Range

Value

Limit

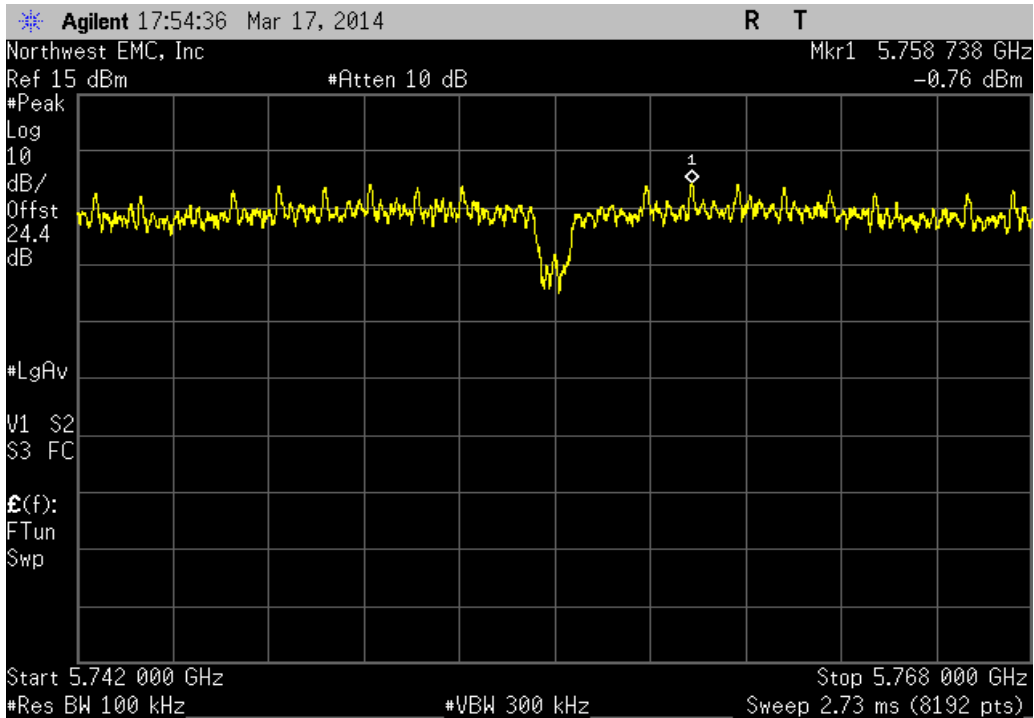
Result

Fundamental

N/A

N/A

N/A



IEEE 802.11(ac), 40 MHz, 5725 MHz - 5850 MHz Band, VHT, MCS9, Low Channel 149/153, 5755 MHz

Frequency

Range

Value

Limit

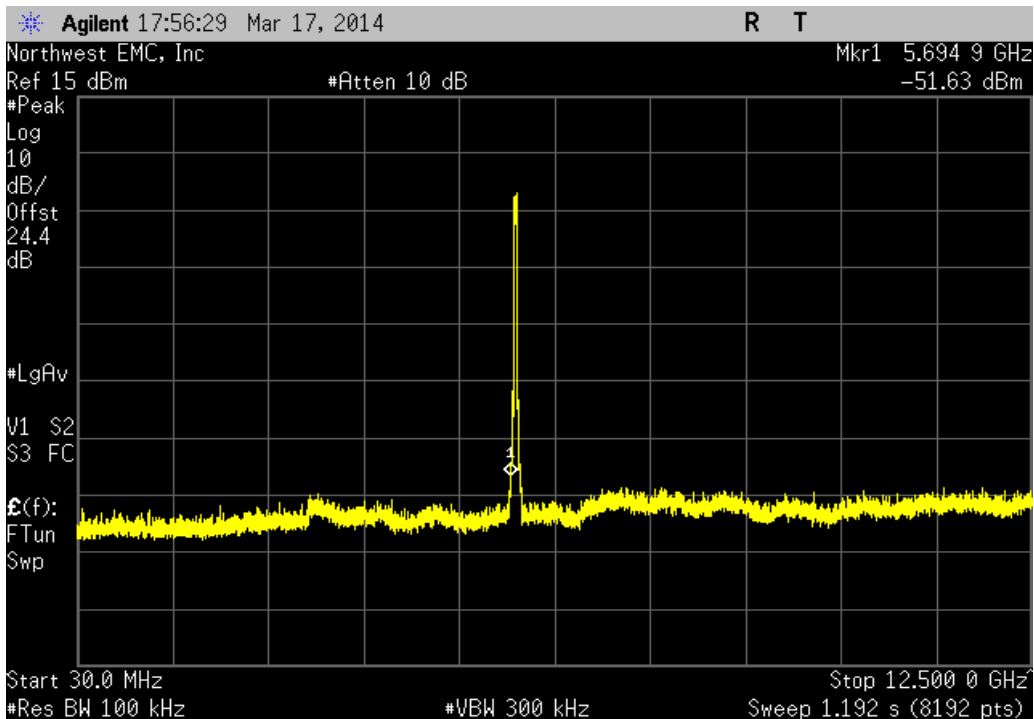
Result

30 MHz - 12.5 GHz

-50.87 dBc

≤ -20 dBc

Pass



IEEE 802.11(ac), 40 MHz, 5725 MHz - 5850 MHz Band, VHT, MCS9, Low Channel 149/153, 5755 MHz

Frequency

Range

Value

Limit

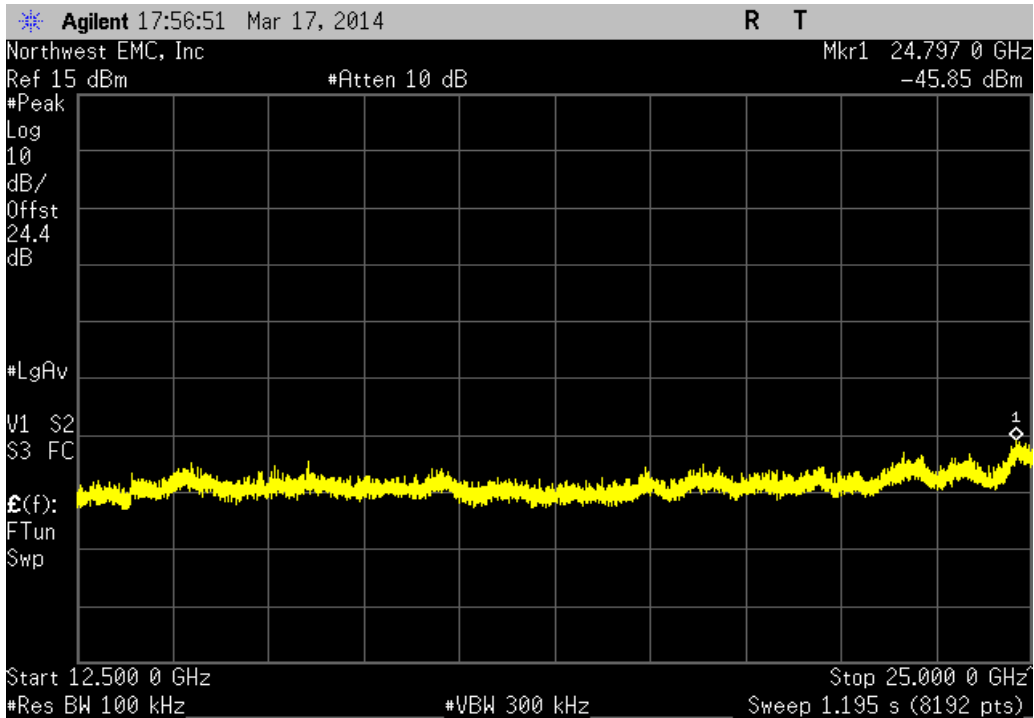
Result

12.5 GHz - 25 GHz

-45.1 dBc

≤ -20 dBc

Pass



IEEE 802.11(ac), 40 MHz, 5725 MHz - 5850 MHz Band, VHT, MCS9, Low Channel 149/153, 5755 MHz

Frequency

Range

Value

Limit

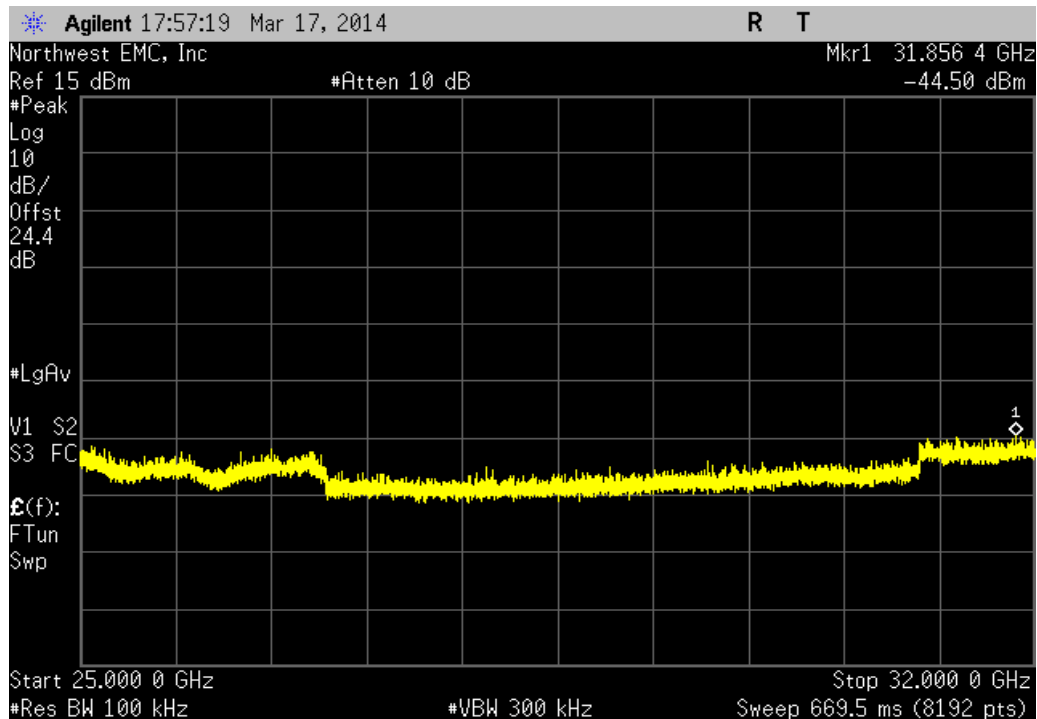
Result

25 GHz - 32 GHz

-43.74 dBc

≤ -20 dBc

Pass



IEEE 802.11(ac), 40 MHz, 5725 MHz - 5850 MHz Band, VHT, MCS9, Low Channel 149/153, 5755 MHz

Frequency

Range

Value

Limit

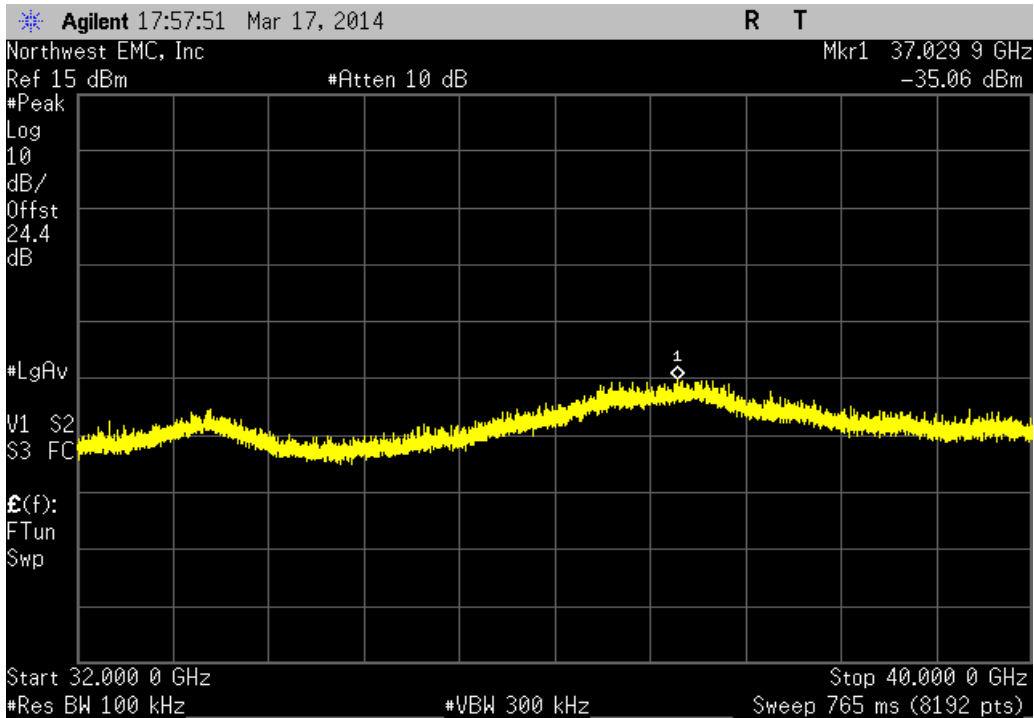
Result

32 GHz - 40 GHz

-34.3 dBc

≤ -20 dBc

Pass



IEEE 802.11(ac), 40 MHz, 5725 MHz - 5850 MHz Band, VHT, MCS9, High Channel 157/161, 5795 MHz

Frequency

Range

Value

Limit

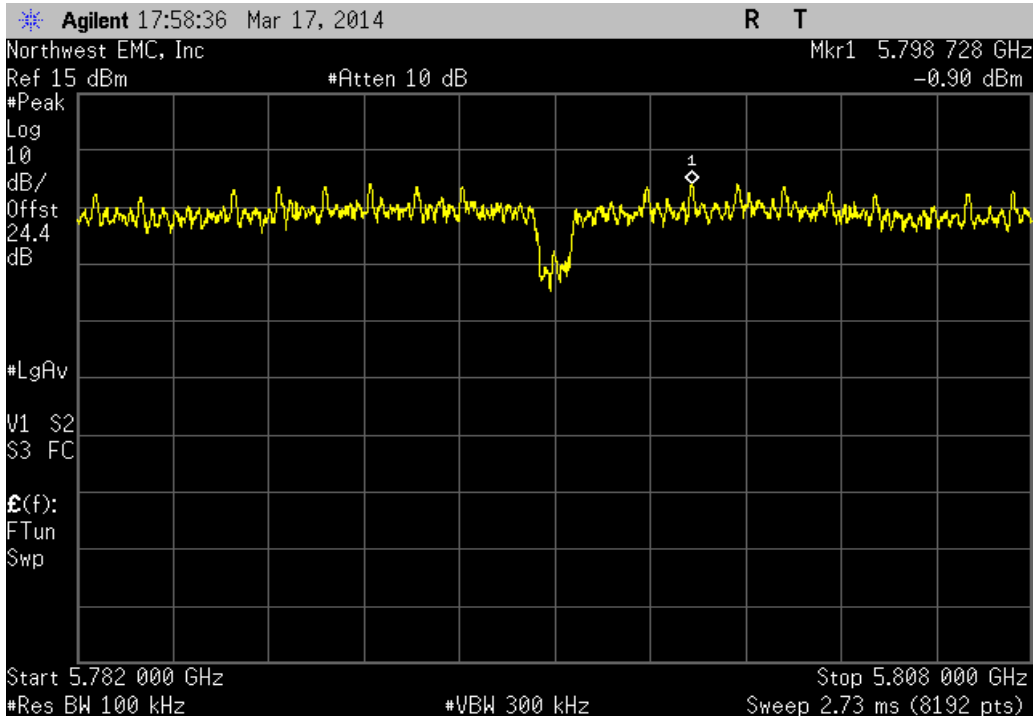
Result

Fundamental

N/A

N/A

N/A



IEEE 802.11(ac), 40 MHz, 5725 MHz - 5850 MHz Band, VHT, MCS9, High Channel 157/161, 5795 MHz

Frequency

Range

Value

Limit

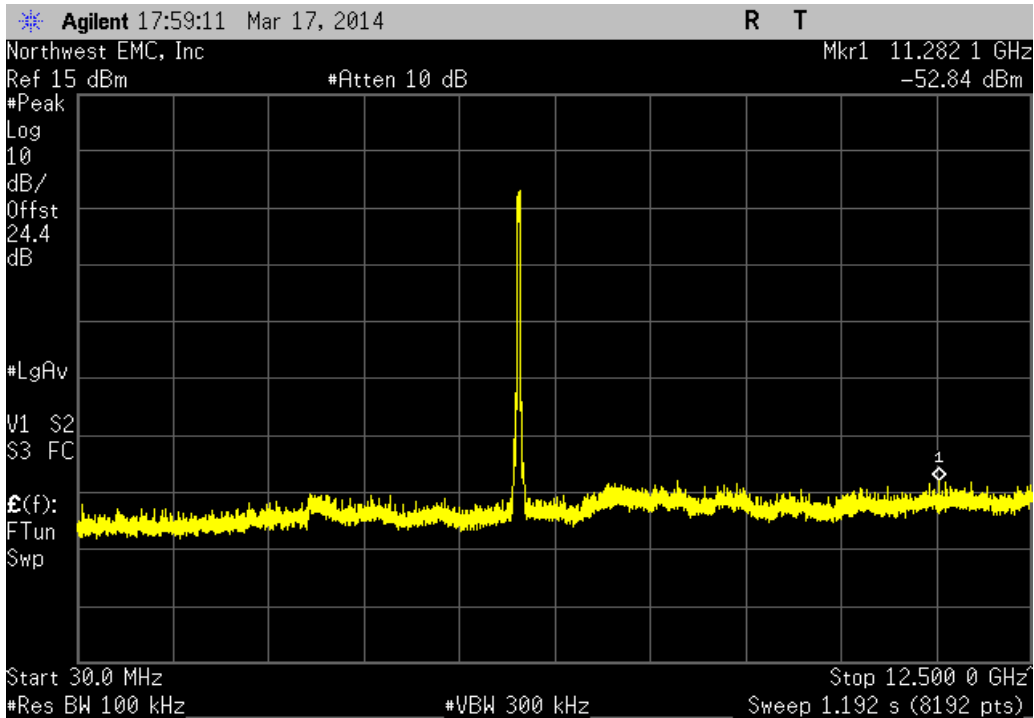
Result

30 MHz - 12.5 GHz

-51.94 dBc

≤ -20 dBc

Pass



IEEE 802.11(ac), 40 MHz, 5725 MHz - 5850 MHz Band, VHT, MCS9, High Channel 157/161, 5795 MHz

Frequency

Range

Value

Limit

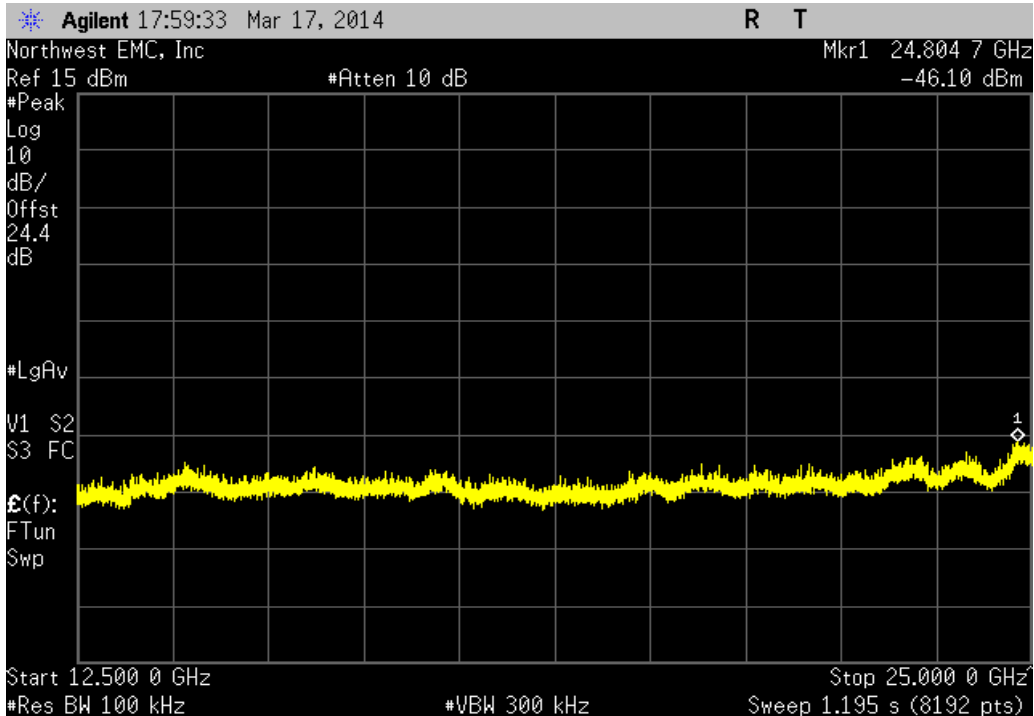
Result

12.5 GHz - 25 GHz

-45.2 dBc

≤ -20 dBc

Pass



IEEE 802.11(ac), 40 MHz, 5725 MHz - 5850 MHz Band, VHT, MCS9, High Channel 157/161, 5795 MHz

Frequency

Range

Value

Limit

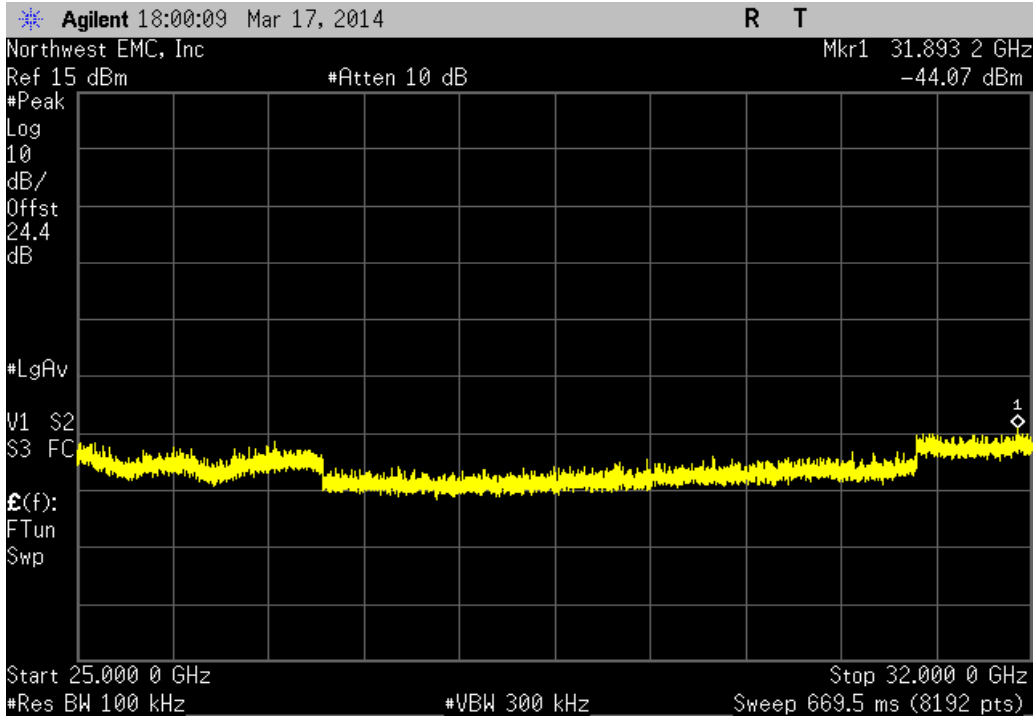
Result

25 GHz - 32 GHz

-43.17 dBc

≤ -20 dBc

Pass



IEEE 802.11(ac), 40 MHz, 5725 MHz - 5850 MHz Band, VHT, MCS9, High Channel 157/161, 5795 MHz

Frequency

Range

Value

Limit

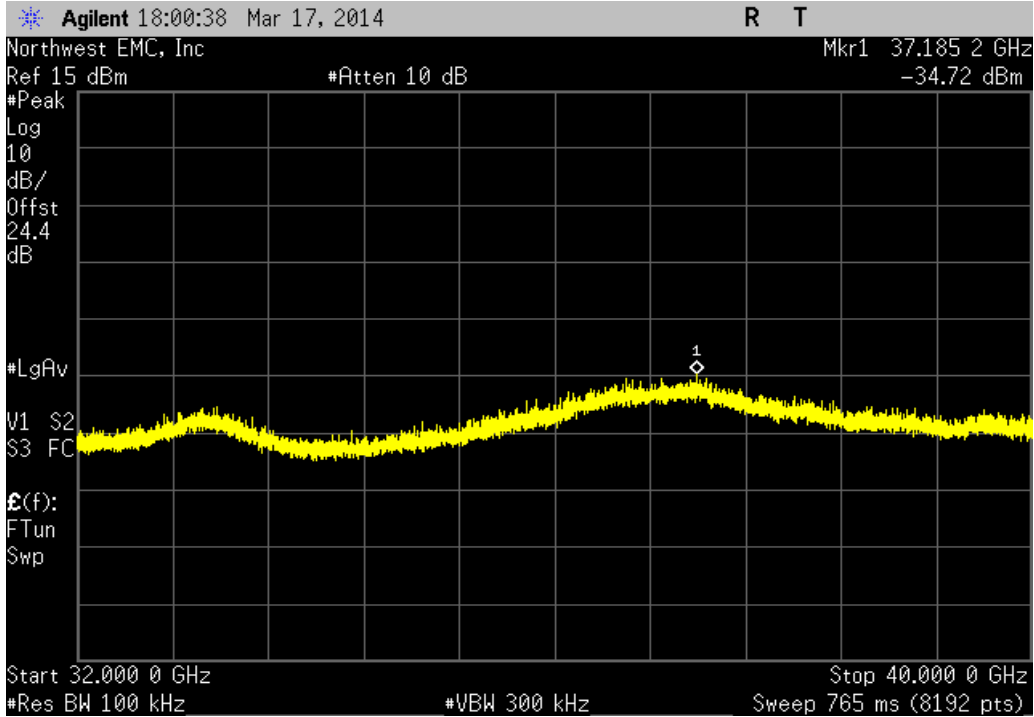
Result

32 GHz - 40 GHz

-33.82 dBc

≤ -20 dBc

Pass



IEEE 802.11(ac), 80 MHz, 5725 MHz - 5850 MHz Band, VHT, MCS0, Low Channel 149/153/157/161, 5775 MHz

Frequency

Range

Value

Limit

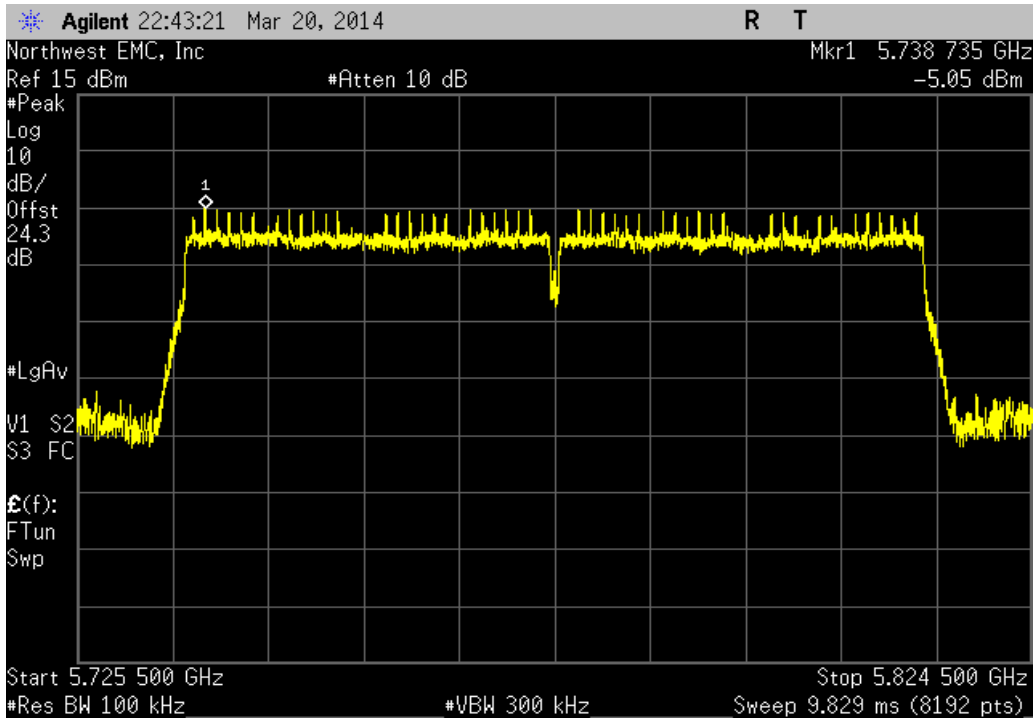
Result

Fundamental

N/A

N/A

N/A



IEEE 802.11(ac), 80 MHz, 5725 MHz - 5850 MHz Band, VHT, MCS0, Low Channel 149/153/157/161, 5775 MHz

Frequency

Range

Value

Limit

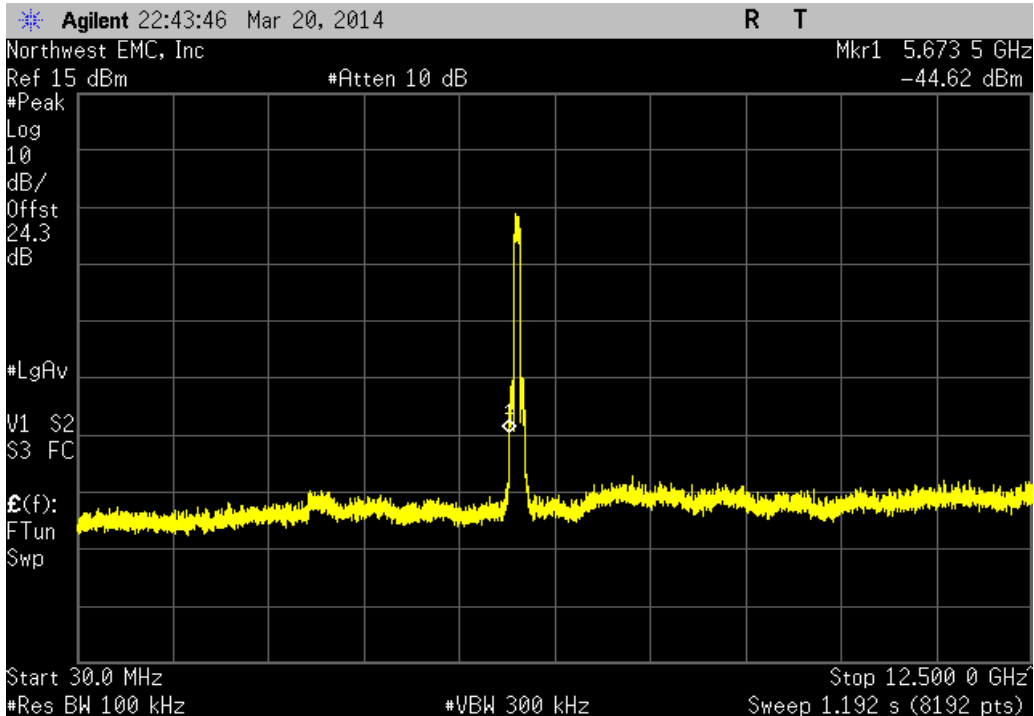
Result

30 MHz - 12.5 GHz

-39.57 dBc

≤ -20 dBc

Pass



IEEE 802.11(ac), 80 MHz, 5725 MHz - 5850 MHz Band, VHT, MCS0, Low Channel 149/153/157/161, 5775 MHz

Frequency

Range

Value

Limit

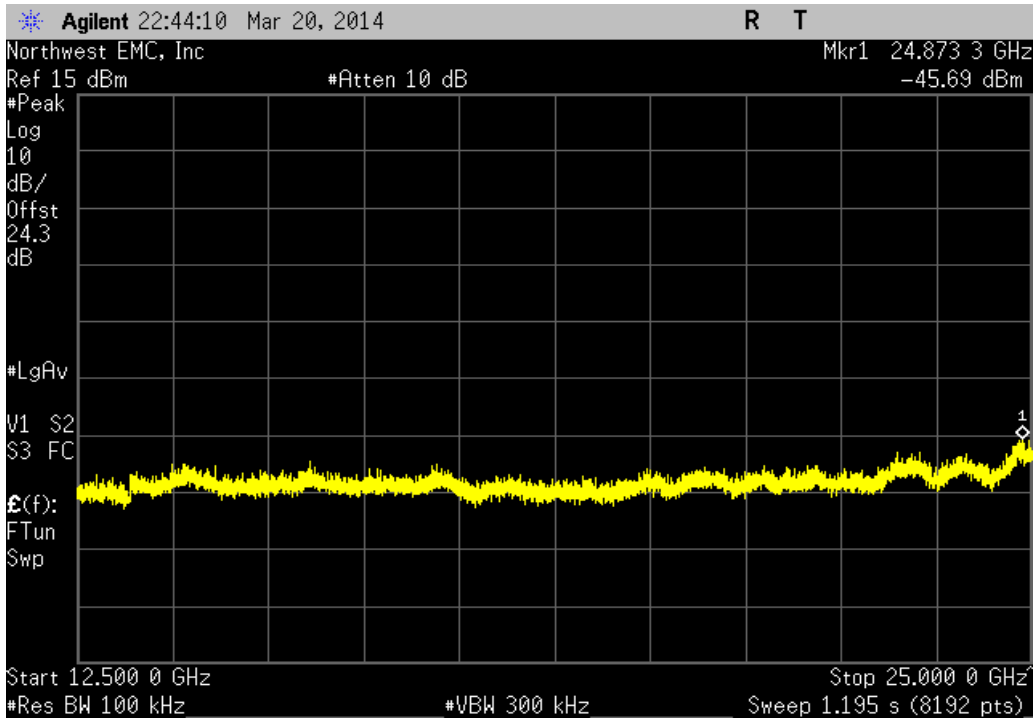
Result

12.5 GHz - 25 GHz

-40.64 dBc

≤ -20 dBc

Pass



IEEE 802.11(ac), 80 MHz, 5725 MHz - 5850 MHz Band, VHT, MCS0, Low Channel 149/153/157/161, 5775 MHz

Frequency

Range

Value

Limit

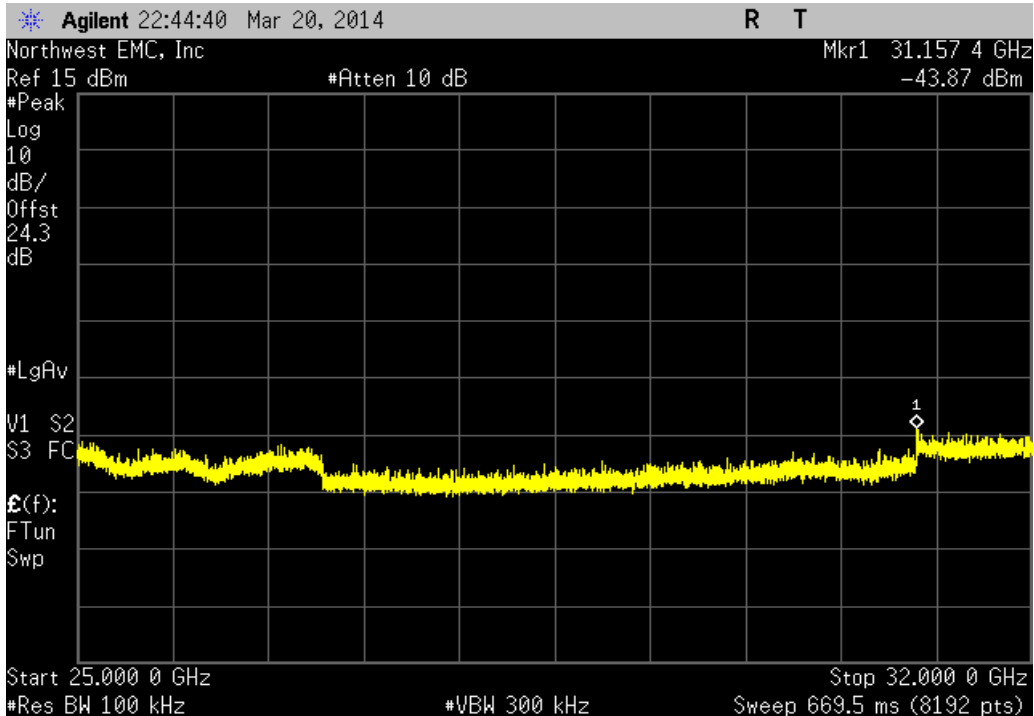
Result

25 GHz - 32 GHz

-38.82 dBc

≤ -20 dBc

Pass



IEEE 802.11(ac), 80 MHz, 5725 MHz - 5850 MHz Band, VHT, MCS0, Low Channel 149/153/157/161, 5775 MHz

Frequency

Range

Value

Limit

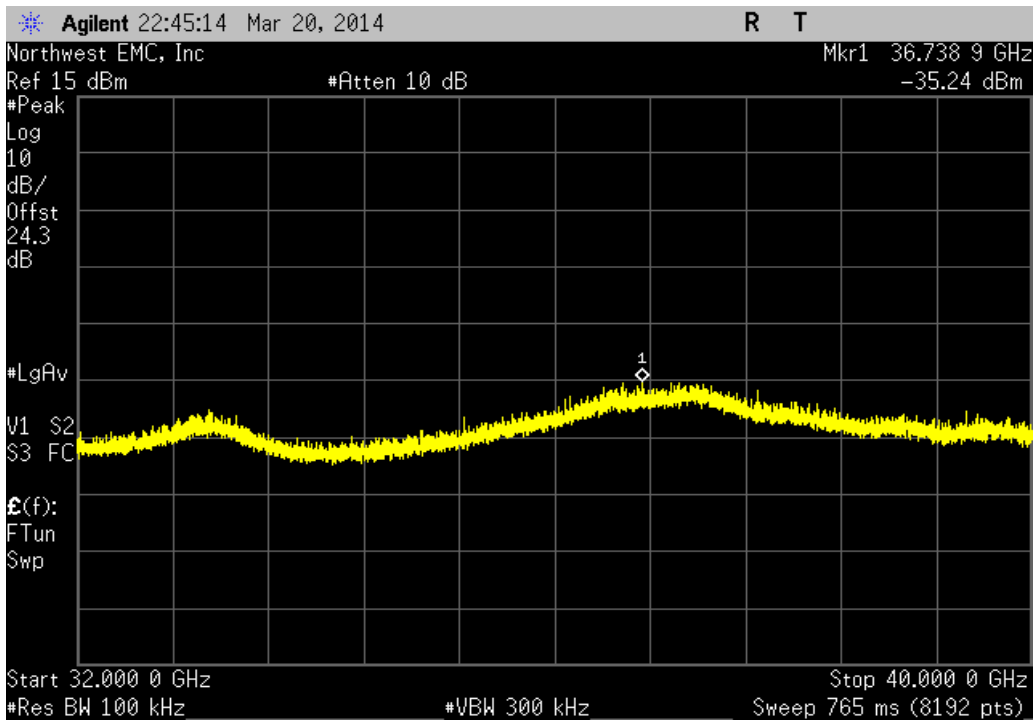
Result

32 GHz - 40 GHz

-30.19 dBc

≤ -20 dBc

Pass



IEEE 802.11(ac), 80 MHz, 5725 MHz - 5850 MHz Band, VHT, MCS9, Low Channel 149/153/157/161, 5775 MHz

Frequency

Range

Value

Limit

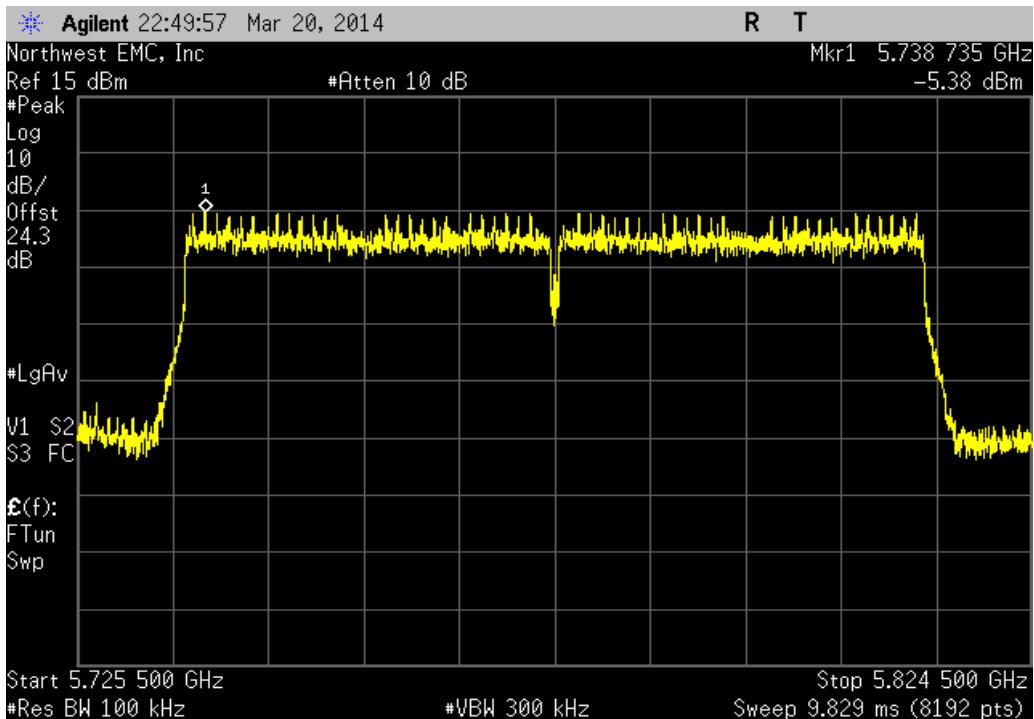
Result

Fundamental

N/A

N/A

N/A



IEEE 802.11(ac), 80 MHz, 5725 MHz - 5850 MHz Band, VHT, MCS9, Low Channel 149/153/157/161, 5775 MHz

Frequency

Range

Value

Limit

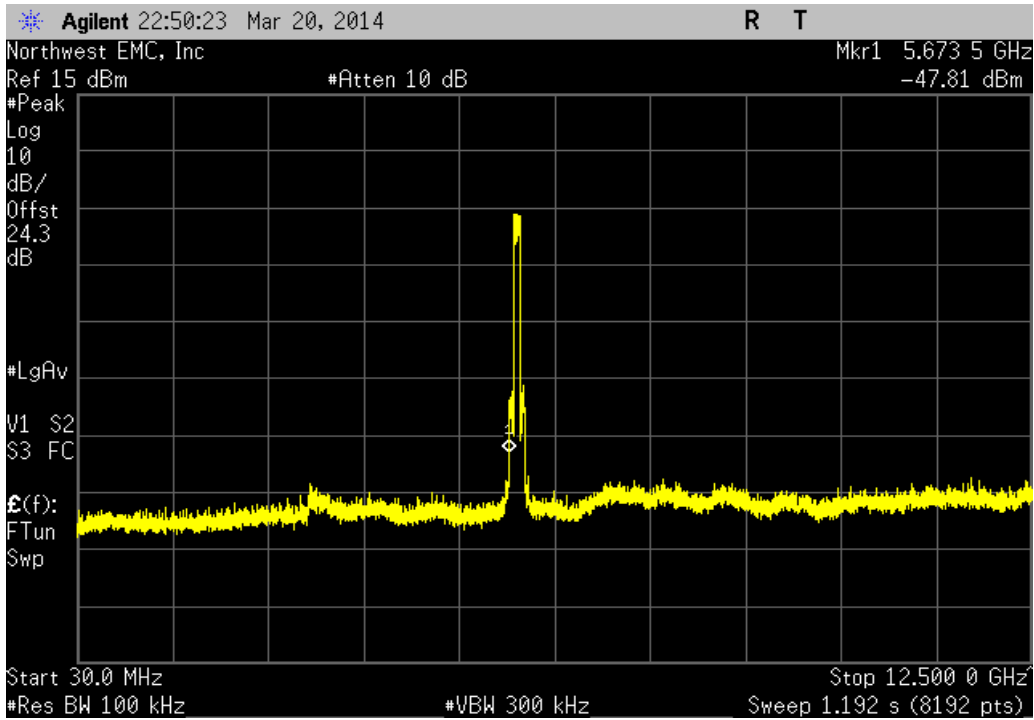
Result

30 MHz - 12.5 GHz

-42.43 dBc

≤ -20 dBc

Pass



IEEE 802.11(ac), 80 MHz, 5725 MHz - 5850 MHz Band, VHT, MCS9, Low Channel 149/153/157/161, 5775 MHz

Frequency

Range

Value

Limit

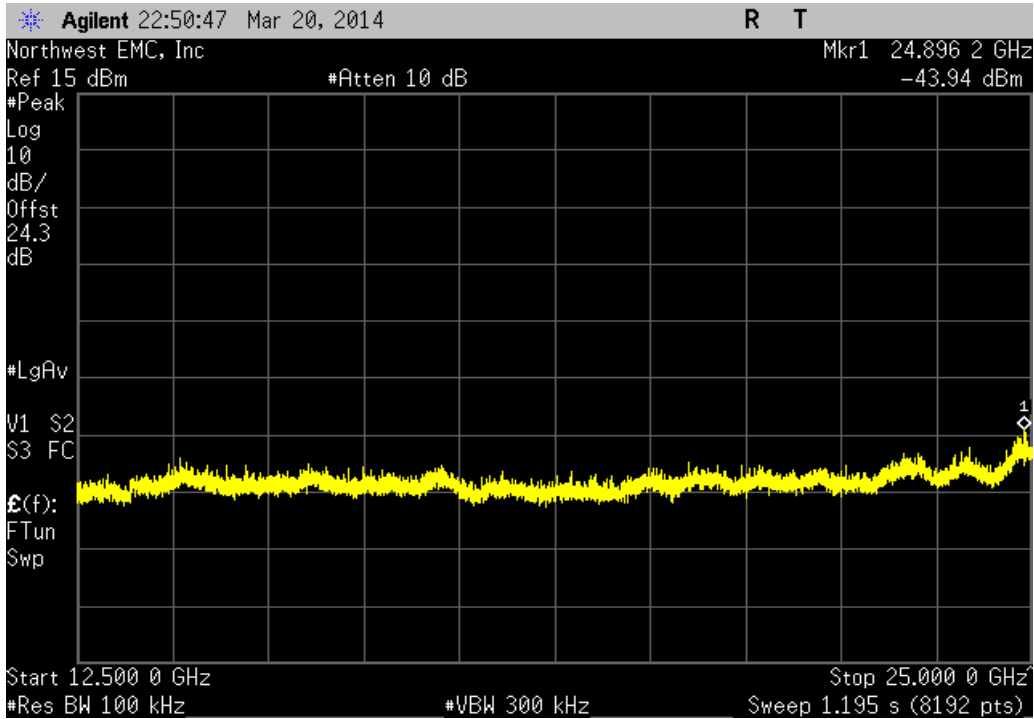
Result

12.5 GHz - 25 GHz

-38.56 dBc

≤ -20 dBc

Pass



IEEE 802.11(ac), 80 MHz, 5725 MHz - 5850 MHz Band, VHT, MCS9, Low Channel 149/153/157/161, 5775 MHz

Frequency

Range

Value

Limit

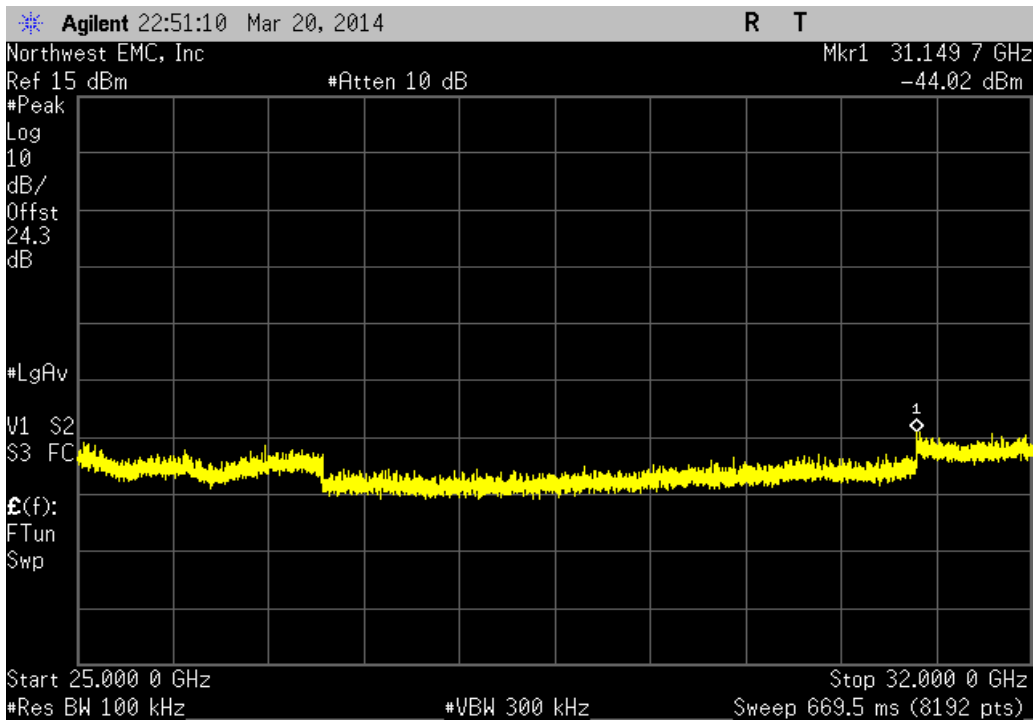
Result

25 GHz - 32 GHz

-38.64 dBc

≤ -20 dBc

Pass



IEEE 802.11(ac), 80 MHz, 5725 MHz - 5850 MHz Band, VHT, MCS9, Low Channel 149/153/157/161, 5775 MHz

Frequency

Range

Value

Limit

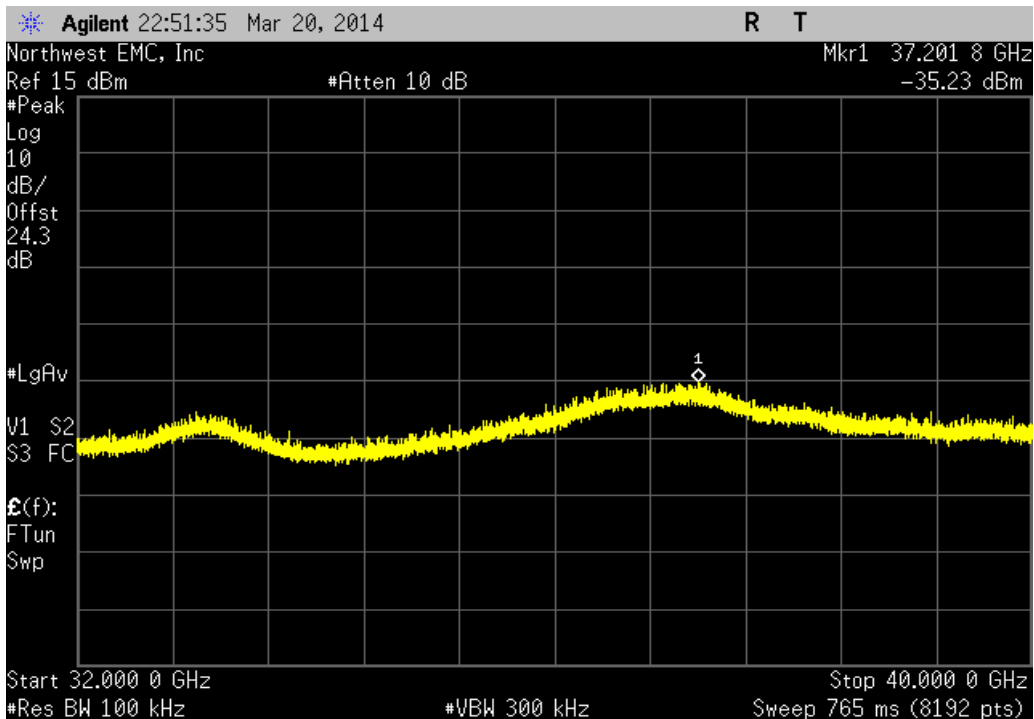
Result

32 GHz - 40 GHz

-29.85 dBc

≤ -20 dBc

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 (mo.)
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
EV06 Direct Connect Cable	ESM Cable Corp.	TT	ECA	NCR	0
Attenuator, 6dB	S.M. Electronics	18N-06	AWN	2/3/2014	12
MXG Analog Signal Generator	Agilent	N5181A	TIG	NCR	0
Power Meter	Gigatronics	8651A	SPM	11/26/2013	24
Power Sensor	Gigatronics	80701A	SPL	7/8/2011	36
Spectrum Analyzer	Agilent	E4446A	AAQ	1/21/2014	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. For each transmit frequency, the spectrum was scanned throughout the specified frequency range.



SPURIOUS CONDUCTED EMISSIONS

XMit 2013.08.15
PsaTx 2013.10.23

EUT: Model 1631			Work Order: MCS01698		
Serial Number: 041148340753			Date: 03/22/14		
Customer: Microsoft Corporation			Temperature: 21.5°C		
Attendees: None			Humidity: 29%		
Project: 1631			Barometric Pres.: 1007		
Tested by: Brandon Hobbs, Jared Ison			Job Site: EV06		
Power: 110VAC/60Hz					
TEST SPECIFICATIONS			Test Method		
FCC 15.247:2014			ANSI C63.10:2009		
COMMENTS					
Modes of operation tested were client provided.					
DEVIATIONS FROM TEST STANDARD					
Configuration #	1				
		Frequency Range	Value	Limit	Result
A IEEE 802.11(n)					
20 MHz					
5725 MHz - 5850 MHz Band					
HT, MCS8					
Low Channel 149, 5745 MHz		Fundamental	N/A	N/A	N/A
Low Channel 149, 5745 MHz		30 MHz - 12.5 GHz	-53.77 dBc	≤ -20 dBc	Pass
Low Channel 149, 5745 MHz		12.5 GHz - 25 GHz	-47.32 dBc	≤ -20 dBc	Pass
Low Channel 149, 5745 MHz		25 GHz - 32 GHz	-45.99 dBc	≤ -20 dBc	Pass
Low Channel 149, 5745 MHz		32 GHz - 40 GHz	-36.56 dBc	≤ -20 dBc	Pass
Mid Channel 157, 5785 MHz		Fundamental	N/A	N/A	N/A
Mid Channel 157, 5785 MHz		30 MHz - 12.5 GHz	-54.91 dBc	≤ -20 dBc	Pass
Mid Channel 157, 5785 MHz		12.5 GHz - 25 GHz	-47.37 dBc	≤ -20 dBc	Pass
Mid Channel 157, 5785 MHz		25 GHz - 32 GHz	-46.03 dBc	≤ -20 dBc	Pass
Mid Channel 157, 5785 MHz		32 GHz - 40 GHz	-37.26 dBc	≤ -20 dBc	Pass
High Channel 165, 5825 MHz		Fundamental	N/A	N/A	N/A
High Channel 165, 5825 MHz		30 MHz - 12.5 GHz	-54.24 dBc	≤ -20 dBc	Pass
High Channel 165, 5825 MHz		12.5 GHz - 25 GHz	-46.87 dBc	≤ -20 dBc	Pass
High Channel 165, 5825 MHz		25 GHz - 32 GHz	-45.95 dBc	≤ -20 dBc	Pass
High Channel 165, 5825 MHz		32 GHz - 40 GHz	-36.47 dBc	≤ -20 dBc	Pass
HT, MCS15					
Low Channel 149, 5745 MHz		Fundamental	N/A	N/A	N/A
Low Channel 149, 5745 MHz		30 MHz - 12.5 GHz	-54.17 dBc	≤ -20 dBc	Pass
Low Channel 149, 5745 MHz		12.5 GHz - 25 GHz	-47.76 dBc	≤ -20 dBc	Pass
Low Channel 149, 5745 MHz		25 GHz - 32 GHz	-46.4 dBc	≤ -20 dBc	Pass
Low Channel 149, 5745 MHz		32 GHz - 40 GHz	-37.66 dBc	≤ -20 dBc	Pass
Mid Channel 157, 5785 MHz		Fundamental	N/A	N/A	N/A
Mid Channel 157, 5785 MHz		30 MHz - 12.5 GHz	-55.43 dBc	≤ -20 dBc	Pass
Mid Channel 157, 5785 MHz		12.5 GHz - 25 GHz	-47.18 dBc	≤ -20 dBc	Pass
Mid Channel 157, 5785 MHz		25 GHz - 32 GHz	-46.82 dBc	≤ -20 dBc	Pass
Mid Channel 157, 5785 MHz		32 GHz - 40 GHz	-38.09 dBc	≤ -20 dBc	Pass
High Channel 165, 5825 MHz		Fundamental	N/A	N/A	N/A
High Channel 165, 5825 MHz		30 MHz - 12.5 GHz	-54.22 dBc	≤ -20 dBc	Pass
High Channel 165, 5825 MHz		12.5 GHz - 25 GHz	-48.37 dBc	≤ -20 dBc	Pass
High Channel 165, 5825 MHz		25 GHz - 32 GHz	-47.11 dBc	≤ -20 dBc	Pass
High Channel 165, 5825 MHz		32 GHz - 40 GHz	-36.6 dBc	≤ -20 dBc	Pass
40 MHz					
5725 MHz - 5850 MHz Band					
HT, MCS8					
Low Channel 149/153, 5755 MHz		Fundamental	N/A	N/A	N/A
Low Channel 149/153, 5755 MHz		30 MHz - 12.5 GHz	-48.71 dBc	≤ -20 dBc	Pass
Low Channel 149/153, 5755 MHz		12.5 GHz - 25 GHz	-45.01 dBc	≤ -20 dBc	Pass
Low Channel 149/153, 5755 MHz		25 GHz - 32 GHz	-42.66 dBc	≤ -20 dBc	Pass
Low Channel 149/153, 5755 MHz		32 GHz - 40 GHz	-33.99 dBc	≤ -20 dBc	Pass
High Channel 157/161, 5795 MHz		Fundamental	N/A	N/A	N/A
High Channel 157/161, 5795 MHz		30 MHz - 12.5 GHz	-51.63 dBc	≤ -20 dBc	Pass
High Channel 157/161, 5795 MHz		12.5 GHz - 25 GHz	-44.57 dBc	≤ -20 dBc	Pass
High Channel 157/161, 5795 MHz		25 GHz - 32 GHz	-43.47 dBc	≤ -20 dBc	Pass
High Channel 157/161, 5795 MHz		32 GHz - 40 GHz	-33.64 dBc	≤ -20 dBc	Pass
HT, MCS15					
Low Channel 149/153, 5755 MHz		Fundamental	N/A	N/A	N/A
Low Channel 149/153, 5755 MHz		30 MHz - 12.5 GHz	-51.92 dBc	≤ -20 dBc	Pass
Low Channel 149/153, 5755 MHz		12.5 GHz - 25 GHz	-45.15 dBc	≤ -20 dBc	Pass
Low Channel 149/153, 5755 MHz		25 GHz - 32 GHz	-43.3 dBc	≤ -20 dBc	Pass
Low Channel 149/153, 5755 MHz		32 GHz - 40 GHz	-34.41 dBc	≤ -20 dBc	Pass
High Channel 157/161, 5795 MHz		Fundamental	N/A	N/A	N/A
High Channel 157/161, 5795 MHz		30 MHz - 12.5 GHz	-52.11 dBc	≤ -20 dBc	Pass
High Channel 157/161, 5795 MHz		12.5 GHz - 25 GHz	-45.24 dBc	≤ -20 dBc	Pass
High Channel 157/161, 5795 MHz		25 GHz - 32 GHz	-43.95 dBc	≤ -20 dBc	Pass
High Channel 157/161, 5795 MHz		32 GHz - 40 GHz	-34.63 dBc	≤ -20 dBc	Pass
A IEEE 802.11(ac)					
20 MHz					
5725 MHz - 5850 MHz Band					
VHT, MCS0					
Low Channel 149, 5745 MHz		Fundamental	N/A	N/A	N/A
Low Channel 149, 5745 MHz		30 MHz - 12.5 GHz	-41.71 dBc	≤ -20 dBc	Pass
Low Channel 149, 5745 MHz		12.5 GHz - 25 GHz	-44.29 dBc	≤ -20 dBc	Pass
Low Channel 149, 5745 MHz		25 GHz - 32 GHz	-42.69 dBc	≤ -20 dBc	Pass
Low Channel 149, 5745 MHz		32 GHz - 40 GHz	-33.82 dBc	≤ -20 dBc	Pass
Mid Channel 157, 5785 MHz		Fundamental	N/A	N/A	N/A
Mid Channel 157, 5785 MHz		30 MHz - 12.5 GHz	-49.66 dBc	≤ -20 dBc	Pass
Mid Channel 157, 5785 MHz		12.5 GHz - 25 GHz	-42.6 dBc	≤ -20 dBc	Pass
Mid Channel 157, 5785 MHz		25 GHz - 32 GHz	-41.99 dBc	≤ -20 dBc	Pass
Mid Channel 157, 5785 MHz		32 GHz - 40 GHz	-33 dBc	≤ -20 dBc	Pass
High Channel 165, 5825 MHz		Fundamental	N/A	N/A	N/A
High Channel 165, 5825 MHz		30 MHz - 12.5 GHz	-46.24 dBc	≤ -20 dBc	Pass
High Channel 165, 5825 MHz		12.5 GHz - 25 GHz	-43.48 dBc	≤ -20 dBc	Pass
High Channel 165, 5825 MHz		25 GHz - 32 GHz	-42.13 dBc	≤ -20 dBc	Pass
High Channel 165, 5825 MHz		32 GHz - 40 GHz	-33.37 dBc	≤ -20 dBc	Pass
VHT, MCS8					
Low Channel 149, 5745 MHz		Fundamental	N/A	N/A	N/A
Low Channel 149, 5745 MHz		30 MHz - 12.5 GHz	-54.88 dBc	≤ -20 dBc	Pass
Low Channel 149, 5745 MHz		12.5 GHz - 25 GHz	-47.52 dBc	≤ -20 dBc	Pass
Low Channel 149, 5745 MHz		25 GHz - 32 GHz	-46.17 dBc	≤ -20 dBc	Pass
Low Channel 149, 5745 MHz		32 GHz - 40 GHz	-36.34 dBc	≤ -20 dBc	Pass
Mid Channel 157, 5785 MHz		Fundamental	N/A	N/A	N/A

		Mid Channel 157, 5785 MHz	30 MHz - 12.5 GHz	-54.34 dBc	≤ -20 dBc	Pass
		Mid Channel 157, 5785 MHz	12.5 GHz - 25 GHz	-47.94 dBc	≤ -20 dBc	Pass
		Mid Channel 157, 5785 MHz	25 GHz - 32 GHz	-46.41 dBc	≤ -20 dBc	Pass
		Mid Channel 157, 5785 MHz	32 GHz - 40 GHz	-37.13 dBc	≤ -20 dBc	Pass
		High Channel 165, 5825 MHz	Fundamental	N/A	N/A	N/A
		High Channel 165, 5825 MHz	30 MHz - 12.5 GHz	-54.82 dBc	≤ -20 dBc	Pass
		High Channel 165, 5825 MHz	12.5 GHz - 25 GHz	-47.15 dBc	≤ -20 dBc	Pass
		High Channel 165, 5825 MHz	25 GHz - 32 GHz	-45.46 dBc	≤ -20 dBc	Pass
		High Channel 165, 5825 MHz	32 GHz - 40 GHz	-35.97 dBc	≤ -20 dBc	Pass
40 MHz	5725 MHz - 5850 MHz Band	VHT, MCS0				
		Low Channel 149/153, 5755 MHz	Fundamental	N/A	N/A	N/A
		Low Channel 149/153, 5755 MHz	30 MHz - 12.5 GHz	-38.13 dBc	≤ -20 dBc	Pass
		Low Channel 149/153, 5755 MHz	12.5 GHz - 25 GHz	-41.71 dBc	≤ -20 dBc	Pass
		Low Channel 149/153, 5755 MHz	25 GHz - 32 GHz	-40.84 dBc	≤ -20 dBc	Pass
		Low Channel 149/153, 5755 MHz	32 GHz - 40 GHz	-31.02 dBc	≤ -20 dBc	Pass
		High Channel 157/161, 5795 MHz	Fundamental	N/A	N/A	N/A
		High Channel 157/161, 5795 MHz	30 MHz - 12.5 GHz	-44.69 dBc	≤ -20 dBc	Pass
		High Channel 157/161, 5795 MHz	12.5 GHz - 25 GHz	-40.64 dBc	≤ -20 dBc	Pass
		High Channel 157/161, 5795 MHz	25 GHz - 32 GHz	-39.11 dBc	≤ -20 dBc	Pass
		VHT, MCS9				
		Low Channel 149/153, 5755 MHz	Fundamental	N/A	N/A	N/A
		Low Channel 149/153, 5755 MHz	30 MHz - 12.5 GHz	-49.58 dBc	≤ -20 dBc	Pass
		Low Channel 149/153, 5755 MHz	12.5 GHz - 25 GHz	-45.24 dBc	≤ -20 dBc	Pass
		Low Channel 149/153, 5755 MHz	25 GHz - 32 GHz	-44.48 dBc	≤ -20 dBc	Pass
		Low Channel 149/153, 5755 MHz	32 GHz - 40 GHz	-34.4 dBc	≤ -20 dBc	Pass
		High Channel 157/161, 5795 MHz	Fundamental	N/A	N/A	N/A
		High Channel 157/161, 5795 MHz	30 MHz - 12.5 GHz	-52.7 dBc	≤ -20 dBc	Pass
		High Channel 157/161, 5795 MHz	12.5 GHz - 25 GHz	-44.16 dBc	≤ -20 dBc	Pass
		High Channel 157/161, 5795 MHz	25 GHz - 32 GHz	-43.7 dBc	≤ -20 dBc	Pass
80 MHz	5725 MHz - 5850 MHz Band	VHT, MCS0				
		Low Channel 149/153/157/161, 5775 MHz	Fundamental	N/A	N/A	N/A
		Low Channel 149/153/157/161, 5775 MHz	30 MHz - 12.5 GHz	-36.38 dBc	≤ -20 dBc	Pass
		Low Channel 149/153/157/161, 5775 MHz	12.5 GHz - 25 GHz	-35.87 dBc	≤ -20 dBc	Pass
		Low Channel 149/153/157/161, 5775 MHz	25 GHz - 32 GHz	-33.42 dBc	≤ -20 dBc	Pass
		Low Channel 149/153/157/161, 5775 MHz	32 GHz - 40 GHz	-24.65 dBc	≤ -20 dBc	Pass
		VHT, MCS9				
		Low Channel 149/153/157/161, 5775 MHz	Fundamental	N/A	N/A	N/A
		Low Channel 149/153/157/161, 5775 MHz	30 MHz - 12.5 GHz	-42.06 dBc	≤ -20 dBc	Pass
		Low Channel 149/153/157/161, 5775 MHz	12.5 GHz - 25 GHz	-40.98 dBc	≤ -20 dBc	Pass
B IEEE 802.11(n)	20 MHz	Low Channel 149/153/157/161, 5775 MHz	25 GHz - 32 GHz	-40.15 dBc	≤ -20 dBc	Pass
		Low Channel 149/153/157/161, 5775 MHz	32 GHz - 40 GHz	-30.29 dBc	≤ -20 dBc	Pass
		5725 MHz - 5850 MHz Band				
		HT, MCS8				
		Low Channel 149, 5745 MHz	Fundamental	N/A	N/A	N/A
		Low Channel 149, 5745 MHz	30 MHz - 12.5 GHz	-53.83 dBc	≤ -20 dBc	Pass
		Low Channel 149, 5745 MHz	12.5 GHz - 25 GHz	-47.8 dBc	≤ -20 dBc	Pass
		Low Channel 149, 5745 MHz	25 GHz - 32 GHz	-45.57 dBc	≤ -20 dBc	Pass
		Low Channel 149, 5745 MHz	32 GHz - 40 GHz	-36.61 dBc	≤ -20 dBc	Pass
		Mid Channel 157, 5785 MHz	Fundamental	N/A	N/A	N/A
		Mid Channel 157, 5785 MHz	30 MHz - 12.5 GHz	-54.17 dBc	≤ -20 dBc	Pass
		Mid Channel 157, 5785 MHz	12.5 GHz - 25 GHz	-46.29 dBc	≤ -20 dBc	Pass
		Mid Channel 157, 5785 MHz	25 GHz - 32 GHz	-46.52 dBc	≤ -20 dBc	Pass
		Mid Channel 157, 5785 MHz	32 GHz - 40 GHz	-36.92 dBc	≤ -20 dBc	Pass
		High Channel 165, 5825 MHz	Fundamental	N/A	N/A	N/A
		High Channel 165, 5825 MHz	30 MHz - 12.5 GHz	-54.82 dBc	≤ -20 dBc	Pass
		High Channel 165, 5825 MHz	12.5 GHz - 25 GHz	-46.01 dBc	≤ -20 dBc	Pass
		High Channel 165, 5825 MHz	25 GHz - 32 GHz	-46.28 dBc	≤ -20 dBc	Pass
		High Channel 165, 5825 MHz	32 GHz - 40 GHz	-37.08 dBc	≤ -20 dBc	Pass
		HT, MCS15				
		Low Channel 149, 5745 MHz	Fundamental	N/A	N/A	N/A
		Low Channel 149, 5745 MHz	30 MHz - 12.5 GHz	-55.35 dBc	≤ -20 dBc	Pass
		Low Channel 149, 5745 MHz	12.5 GHz - 25 GHz	-47.64 dBc	≤ -20 dBc	Pass
		Low Channel 149, 5745 MHz	25 GHz - 32 GHz	-46.65 dBc	≤ -20 dBc	Pass
		Low Channel 149, 5745 MHz	32 GHz - 40 GHz	-37.48 dBc	≤ -20 dBc	Pass
		Mid Channel 157, 5785 MHz	Fundamental	N/A	N/A	N/A
		Mid Channel 157, 5785 MHz	30 MHz - 12.5 GHz	-54.29 dBc	≤ -20 dBc	Pass
		Mid Channel 157, 5785 MHz	12.5 GHz - 25 GHz	-47.6 dBc	≤ -20 dBc	Pass
		Mid Channel 157, 5785 MHz	25 GHz - 32 GHz	-45.82 dBc	≤ -20 dBc	Pass
		Mid Channel 157, 5785 MHz	32 GHz - 40 GHz	-36.75 dBc	≤ -20 dBc	Pass
		High Channel 165, 5825 MHz	Fundamental	N/A	N/A	N/A
		High Channel 165, 5825 MHz	30 MHz - 12.5 GHz	-54.22 dBc	≤ -20 dBc	Pass
		High Channel 165, 5825 MHz	12.5 GHz - 25 GHz	-48.1 dBc	≤ -20 dBc	Pass
		High Channel 165, 5825 MHz	25 GHz - 32 GHz	-46.66 dBc	≤ -20 dBc	Pass
		High Channel 165, 5825 MHz	32 GHz - 40 GHz	-37.05 dBc	≤ -20 dBc	Pass
40 MHz	5725 MHz - 5850 MHz Band	HT, MCS8				
		Low Channel 149/153, 5755 MHz	Fundamental	N/A	N/A	N/A
		Low Channel 149/153, 5755 MHz	30 MHz - 12.5 GHz	-50.56 dBc	≤ -20 dBc	Pass
		Low Channel 149/153, 5755 MHz	12.5 GHz - 25 GHz	-45.63 dBc	≤ -20 dBc	Pass
		Low Channel 149/153, 5755 MHz	25 GHz - 32 GHz	-44.06 dBc	≤ -20 dBc	Pass
		Low Channel 149/153, 5755 MHz	32 GHz - 40 GHz	-34.48 dBc	≤ -20 dBc	Pass
		High Channel 157/161, 5795 MHz	Fundamental	N/A	N/A	N/A
		High Channel 157/161, 5795 MHz	30 MHz - 12.5 GHz	-51.74 dBc	≤ -20 dBc	Pass
		High Channel 157/161, 5795 MHz	12.5 GHz - 25 GHz	-44.4 dBc	≤ -20 dBc	Pass
		High Channel 157/161, 5795 MHz	25 GHz - 32 GHz	-43.49 dBc	≤ -20 dBc	Pass
		HT, MCS15				
		Low Channel 149/153, 5755 MHz	Fundamental	N/A	N/A	N/A
		Low Channel 149/153, 5755 MHz	30 MHz - 12.5 GHz	-48.83 dBc	≤ -20 dBc	Pass
		Low Channel 149/153, 5755 MHz	12.5 GHz - 25 GHz	-45.62 dBc	≤ -20 dBc	Pass
		Low Channel 149/153, 5755 MHz	25 GHz - 32 GHz	-45.04 dBc	≤ -20 dBc	Pass
		Low Channel 149/153, 5755 MHz	32 GHz - 40 GHz	-34.55 dBc	≤ -20 dBc	Pass
		High Channel 157/161, 5795 MHz	Fundamental	N/A	N/A	N/A
		High Channel 157/161, 5795 MHz	30 MHz - 12.5 GHz	-52.65 dBc	≤ -20 dBc	Pass
		High Channel 157/161, 5795 MHz	12.5 GHz - 25 GHz	-45 dBc	≤ -20 dBc	Pass
		High Channel 157/161, 5795 MHz	25 GHz - 32 GHz	-44.39 dBc	≤ -20 dBc	Pass
B IEEE 802.11(ac)	20 MHz	High Channel 157/161, 5795 MHz	32 GHz - 40 GHz	-34.61 dBc	≤ -20 dBc	Pass
		5725 MHz - 5850 MHz Band				
		VHT, MCS0				
		Low Channel 149, 5745 MHz	Fundamental	N/A	N/A	N/A
		Low Channel 149, 5745 MHz	30 MHz - 12.5 GHz	-48.34 dBc	≤ -20 dBc	Pass

	Low Channel 149, 5745 MHz	12.5 GHz - 25 GHz	-46.25 dBc	≤ -20 dBc	Pass
	Low Channel 149, 5745 MHz	25 GHz - 32 GHz	-43.95 dBc	≤ -20 dBc	Pass
	Low Channel 149, 5745 MHz	32 GHz - 40 GHz	-35.45 dBc	≤ -20 dBc	Pass
	Mid Channel 157, 5785 MHz	Fundamental	N/A	N/A	N/A
	Mid Channel 157, 5785 MHz	30 MHz - 12.5 GHz	-51 dBc	≤ -20 dBc	Pass
	Mid Channel 157, 5785 MHz	12.5 GHz - 25 GHz	-44.01 dBc	≤ -20 dBc	Pass
	Mid Channel 157, 5785 MHz	25 GHz - 32 GHz	-43.03 dBc	≤ -20 dBc	Pass
	Mid Channel 157, 5785 MHz	32 GHz - 40 GHz	-33.8 dBc	≤ -20 dBc	Pass
	High Channel 165, 5825 MHz	Fundamental	N/A	N/A	N/A
	High Channel 165, 5825 MHz	30 MHz - 12.5 GHz	-51.54 dBc	≤ -20 dBc	Pass
	High Channel 165, 5825 MHz	12.5 GHz - 25 GHz	-44.97 dBc	≤ -20 dBc	Pass
	High Channel 165, 5825 MHz	25 GHz - 32 GHz	-42.76 dBc	≤ -20 dBc	Pass
	High Channel 165, 5825 MHz	32 GHz - 40 GHz	-33.91 dBc	≤ -20 dBc	Pass
VHT, MCS8					
	Low Channel 149, 5745 MHz	Fundamental	N/A	N/A	N/A
	Low Channel 149, 5745 MHz	30 MHz - 12.5 GHz	-55.11 dBc	≤ -20 dBc	Pass
	Low Channel 149, 5745 MHz	12.5 GHz - 25 GHz	-48.24 dBc	≤ -20 dBc	Pass
	Low Channel 149, 5745 MHz	25 GHz - 32 GHz	-46.87 dBc	≤ -20 dBc	Pass
	Low Channel 149, 5745 MHz	32 GHz - 40 GHz	-36.39 dBc	≤ -20 dBc	Pass
	Mid Channel 157, 5785 MHz	Fundamental	N/A	N/A	N/A
	Mid Channel 157, 5785 MHz	30 MHz - 12.5 GHz	-54.33 dBc	≤ -20 dBc	Pass
	Mid Channel 157, 5785 MHz	12.5 GHz - 25 GHz	-47.4 dBc	≤ -20 dBc	Pass
	Mid Channel 157, 5785 MHz	25 GHz - 32 GHz	-46.15 dBc	≤ -20 dBc	Pass
	Mid Channel 157, 5785 MHz	32 GHz - 40 GHz	-35.78 dBc	≤ -20 dBc	Pass
	High Channel 165, 5825 MHz	Fundamental	N/A	N/A	N/A
	High Channel 165, 5825 MHz	30 MHz - 12.5 GHz	-54.91 dBc	≤ -20 dBc	Pass
	High Channel 165, 5825 MHz	12.5 GHz - 25 GHz	-48.09 dBc	≤ -20 dBc	Pass
	High Channel 165, 5825 MHz	25 GHz - 32 GHz	-46.84 dBc	≤ -20 dBc	Pass
	High Channel 165, 5825 MHz	32 GHz - 40 GHz	-36.96 dBc	≤ -20 dBc	Pass
40 MHz					
5725 MHz - 5850 MHz Band					
VHT, MCS0					
	Low Channel 149/153, 5755 MHz	Fundamental	N/A	N/A	N/A
	Low Channel 149/153, 5755 MHz	30 MHz - 12.5 GHz	-46.76 dBc	≤ -20 dBc	Pass
	Low Channel 149/153, 5755 MHz	12.5 GHz - 25 GHz	-41.12 dBc	≤ -20 dBc	Pass
	Low Channel 149/153, 5755 MHz	25 GHz - 32 GHz	-40.59 dBc	≤ -20 dBc	Pass
	Low Channel 149/153, 5755 MHz	32 GHz - 40 GHz	-30.52 dBc	≤ -20 dBc	Pass
	High Channel 157/161, 5795 MHz	Fundamental	N/A	N/A	N/A
	High Channel 157/161, 5795 MHz	30 MHz - 12.5 GHz	-47.95 dBc	≤ -20 dBc	Pass
	High Channel 157/161, 5795 MHz	12.5 GHz - 25 GHz	-40.96 dBc	≤ -20 dBc	Pass
	High Channel 157/161, 5795 MHz	25 GHz - 32 GHz	-38.8 dBc	≤ -20 dBc	Pass
	High Channel 157/161, 5795 MHz	32 GHz - 40 GHz	-29.23 dBc	≤ -20 dBc	Pass
VHT, MCS9					
	Low Channel 149/153, 5755 MHz	Fundamental	N/A	N/A	N/A
	Low Channel 149/153, 5755 MHz	30 MHz - 12.5 GHz	-51.65 dBc	≤ -20 dBc	Pass
	Low Channel 149/153, 5755 MHz	12.5 GHz - 25 GHz	-45.66 dBc	≤ -20 dBc	Pass
	Low Channel 149/153, 5755 MHz	25 GHz - 32 GHz	-45.08 dBc	≤ -20 dBc	Pass
	Low Channel 149/153, 5755 MHz	32 GHz - 40 GHz	-35.08 dBc	≤ -20 dBc	Pass
	High Channel 157/161, 5795 MHz	Fundamental	N/A	N/A	N/A
	High Channel 157/161, 5795 MHz	30 MHz - 12.5 GHz	-52.28 dBc	≤ -20 dBc	Pass
	High Channel 157/161, 5795 MHz	12.5 GHz - 25 GHz	-44.79 dBc	≤ -20 dBc	Pass
	High Channel 157/161, 5795 MHz	25 GHz - 32 GHz	-44.05 dBc	≤ -20 dBc	Pass
	High Channel 157/161, 5795 MHz	32 GHz - 40 GHz	-35.17 dBc	≤ -20 dBc	Pass
80 MHz					
5725 MHz - 5850 MHz Band					
VHT, MCS0					
	Low Channel 149/153/157/161, 5775 MHz	Fundamental	N/A	N/A	N/A
	Low Channel 149/153/157/161, 5775 MHz	30 MHz - 12.5 GHz	-32.57 dBc	≤ -20 dBc	Pass
	Low Channel 149/153/157/161, 5775 MHz	12.5 GHz - 25 GHz	-36.54 dBc	≤ -20 dBc	Pass
	Low Channel 149/153/157/161, 5775 MHz	25 GHz - 32 GHz	-35.42 dBc	≤ -20 dBc	Pass
	Low Channel 149/153/157/161, 5775 MHz	32 GHz - 40 GHz	-26.16 dBc	≤ -20 dBc	Pass
VHT, MCS9					
	Low Channel 149/153/157/161, 5775 MHz	Fundamental	N/A	N/A	N/A
	Low Channel 149/153/157/161, 5775 MHz	30 MHz - 12.5 GHz	-43.01 dBc	≤ -20 dBc	Pass
	Low Channel 149/153/157/161, 5775 MHz	12.5 GHz - 25 GHz	-41.46 dBc	≤ -20 dBc	Pass
	Low Channel 149/153/157/161, 5775 MHz	25 GHz - 32 GHz	-39.54 dBc	≤ -20 dBc	Pass
	Low Channel 149/153/157/161, 5775 MHz	32 GHz - 40 GHz	-30.33 dBc	≤ -20 dBc	Pass

A IEEE 802.11(n), 20 MHz, 5725 MHz - 5850 MHz Band, HT, MCS8, Low Channel 149, 5745 MHz

Frequency
Range

Value

Limit

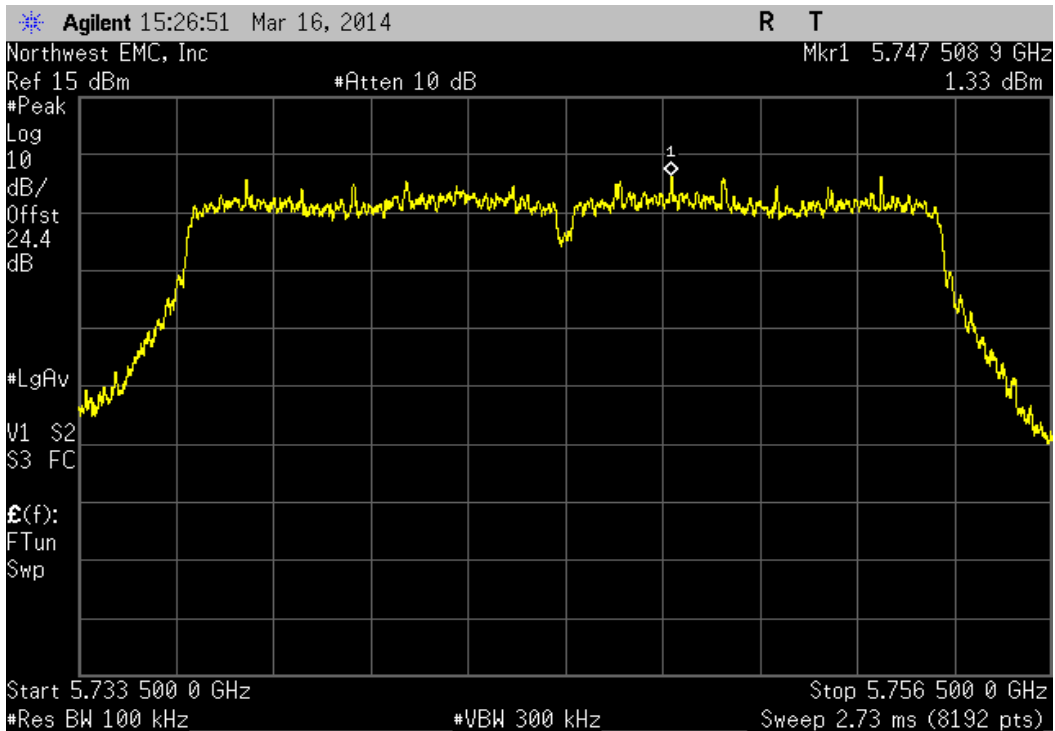
Result

Fundamental

N/A

N/A

N/A



A IEEE 802.11(n), 20 MHz, 5725 MHz - 5850 MHz Band, HT, MCS8, Low Channel 149, 5745 MHz

Frequency
Range

Value

Limit

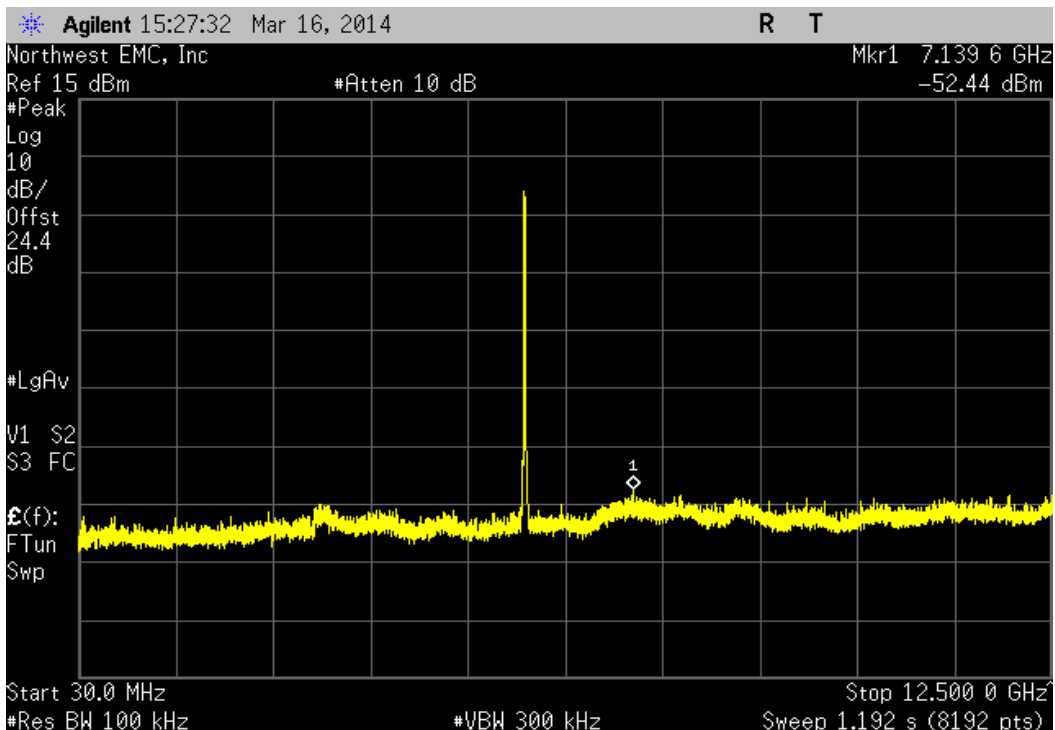
Result

30 MHz - 12.5 GHz

-53.77 dBc

≤ -20 dBc

Pass



A IEEE 802.11(n), 20 MHz, 5725 MHz - 5850 MHz Band, HT, MCS8, Low Channel 149, 5745 MHz

Frequency

Range

Value

Limit

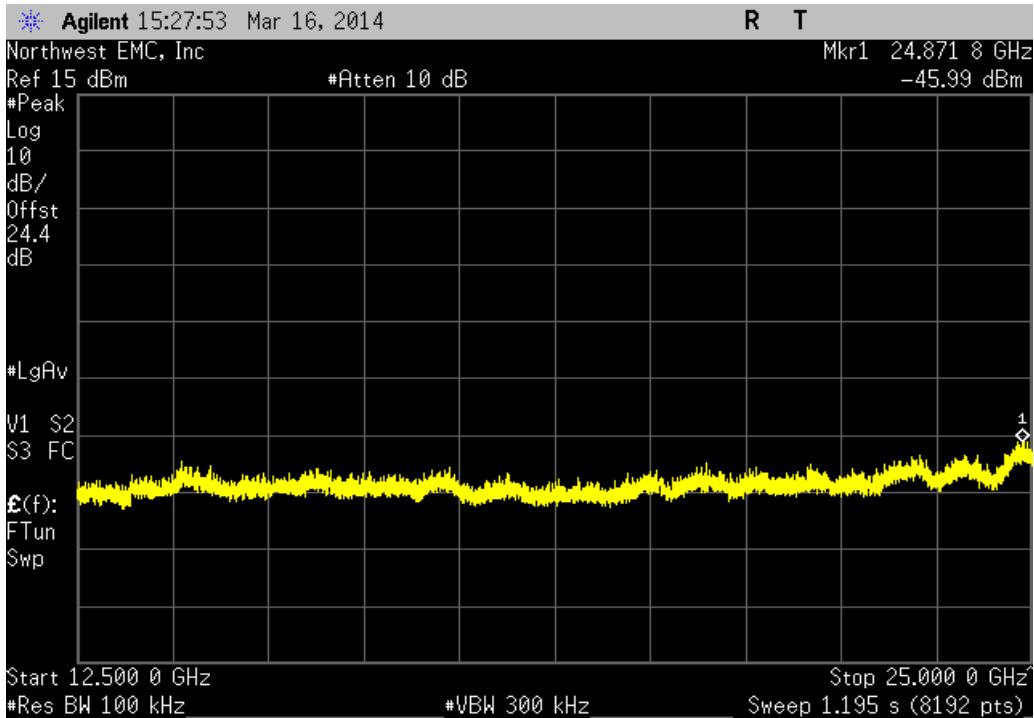
Result

12.5 GHz - 25 GHz

-47.32 dBc

≤ -20 dBc

Pass



A IEEE 802.11(n), 20 MHz, 5725 MHz - 5850 MHz Band, HT, MCS8, Low Channel 149, 5745 MHz

Frequency

Range

Value

Limit

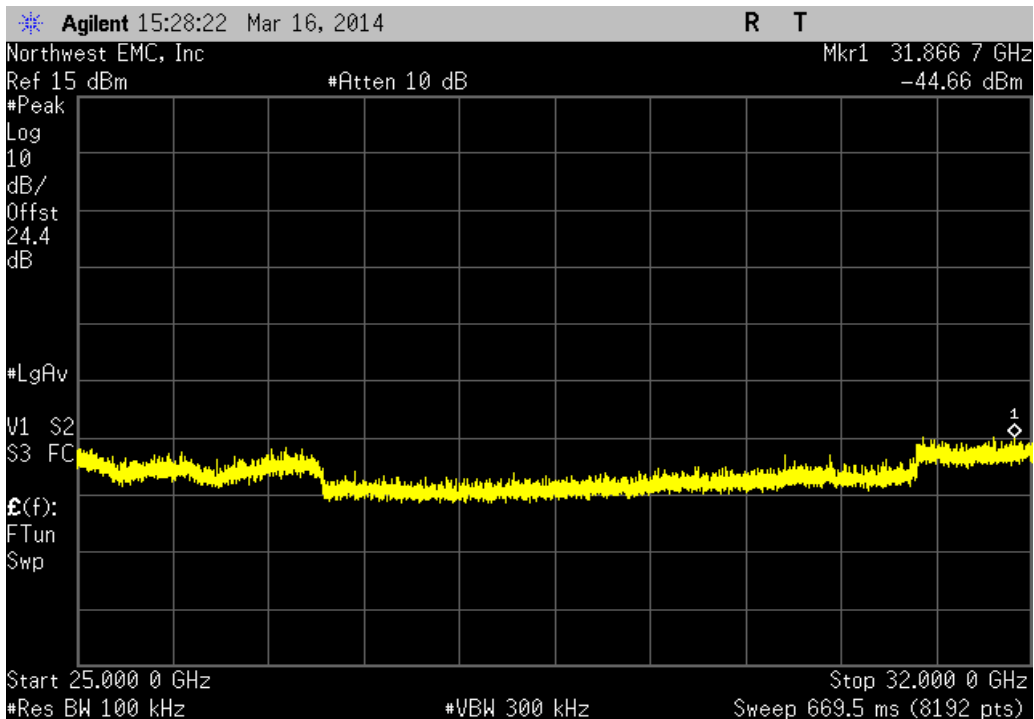
Result

25 GHz - 32 GHz

-45.99 dBc

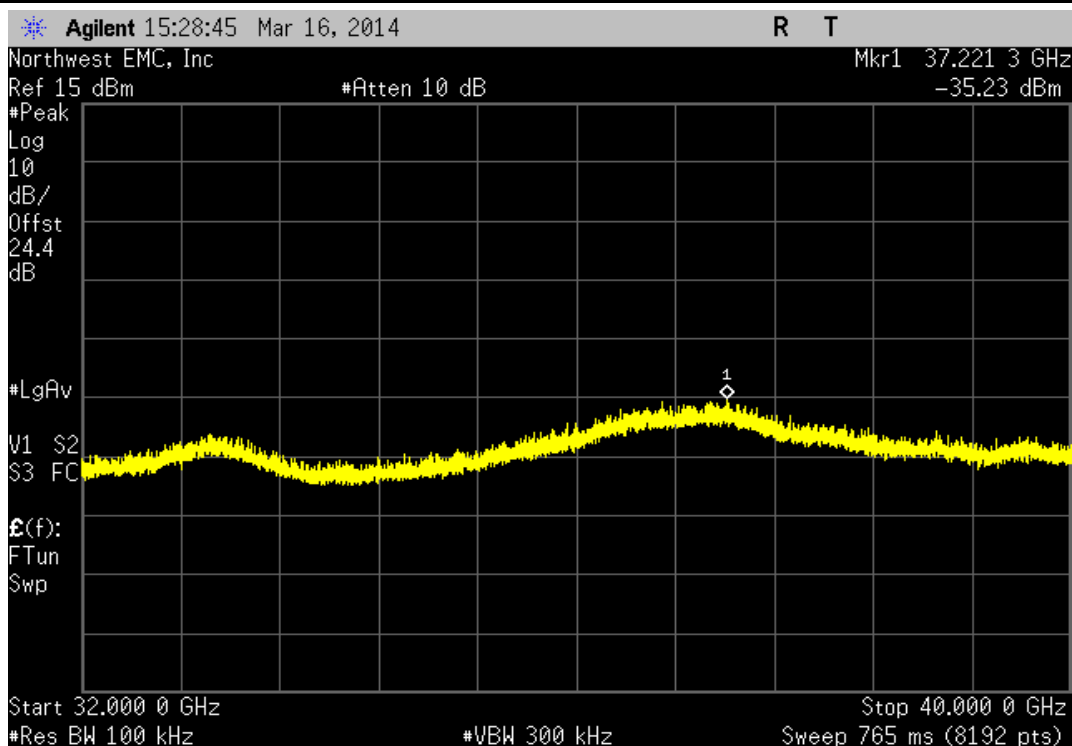
≤ -20 dBc

Pass



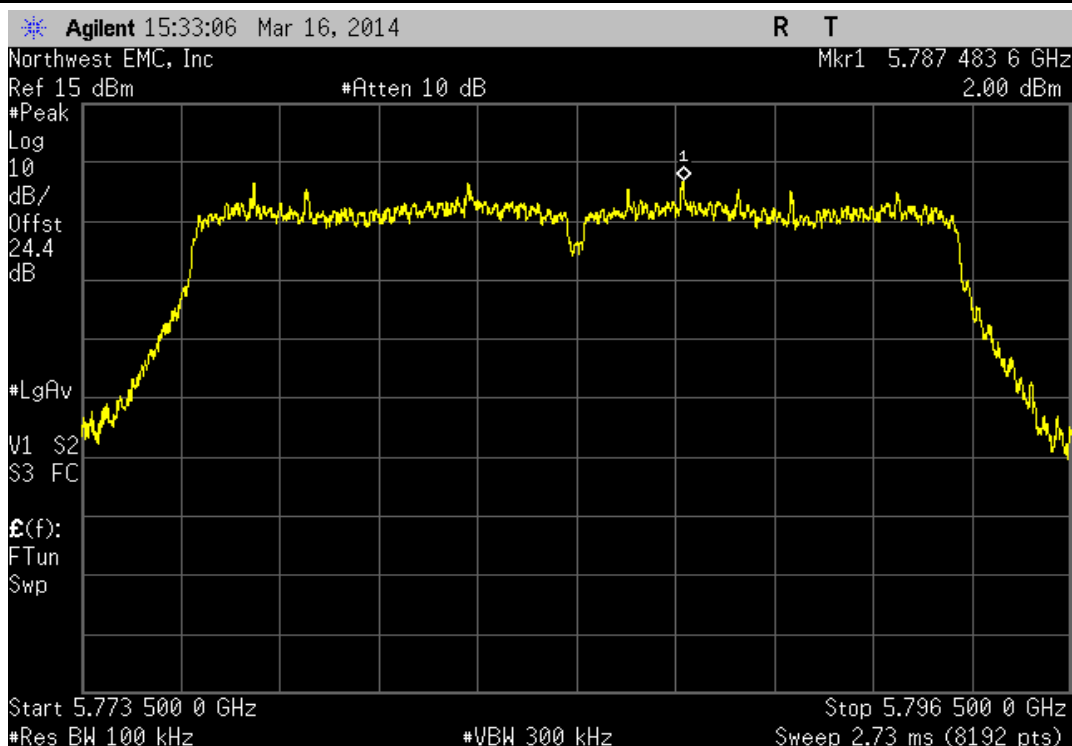
A IEEE 802.11(n), 20 MHz, 5725 MHz - 5850 MHz Band, HT, MCS8, Low Channel 149, 5745 MHz

Frequency Range	Value	Limit	Result
32 GHz - 40 GHz	-36.56 dBc	≤ -20 dBc	Pass



A IEEE 802.11(n), 20 MHz, 5725 MHz - 5850 MHz Band, HT, MCS8, Mid Channel 157, 5785 MHz

Frequency Range	Value	Limit	Result
Fundamental	N/A	N/A	N/A



A IEEE 802.11(n), 20 MHz, 5725 MHz - 5850 MHz Band, HT, MCS8, Mid Channel 157, 5785 MHz

Frequency

Range

Value

Limit

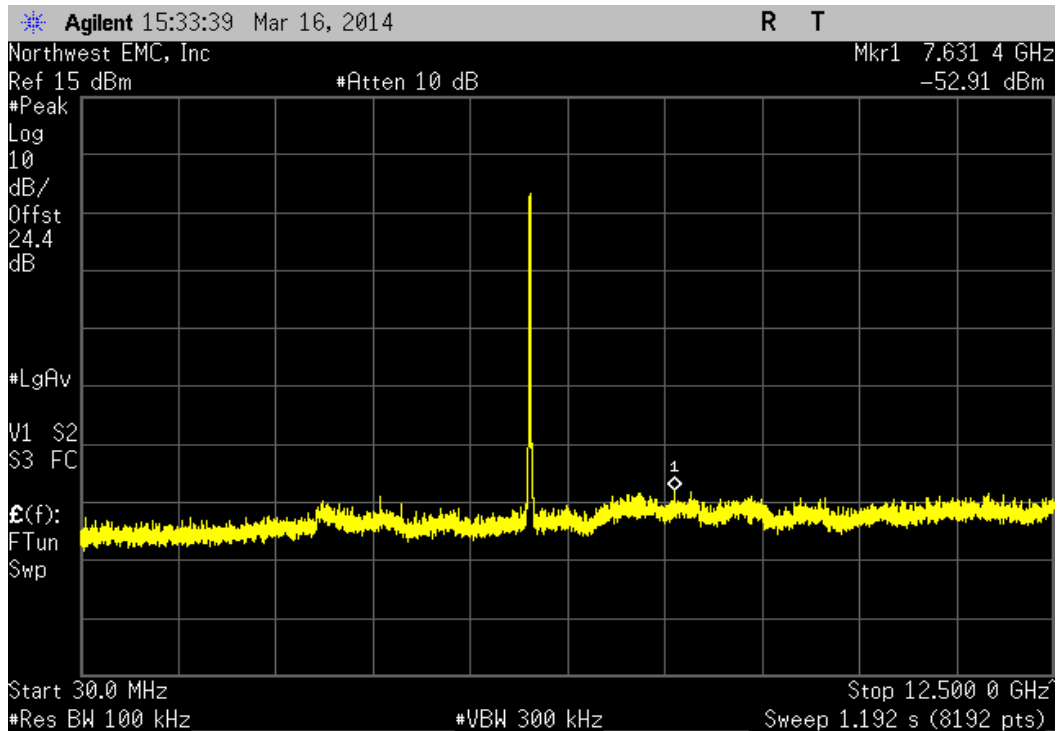
Result

30 MHz - 12.5 GHz

-54.91 dBc

≤ -20 dBc

Pass



A IEEE 802.11(n), 20 MHz, 5725 MHz - 5850 MHz Band, HT, MCS8, Mid Channel 157, 5785 MHz

Frequency

Range

Value

Limit

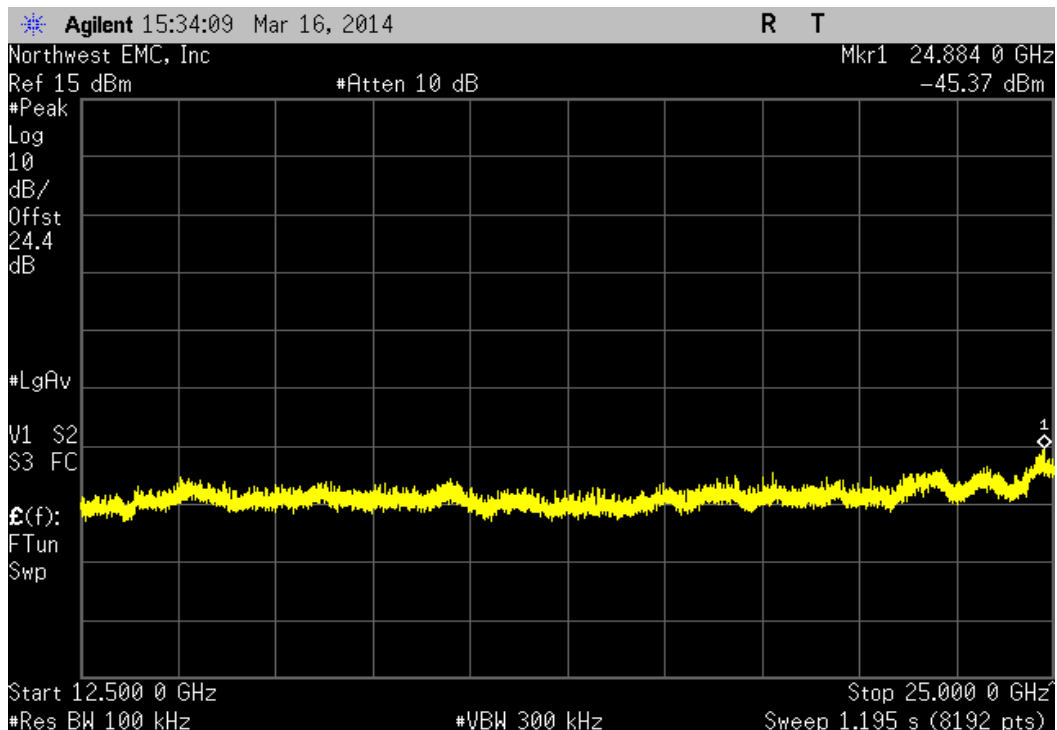
Result

12.5 GHz - 25 GHz

-47.37 dBc

≤ -20 dBc

Pass



A IEEE 802.11(n), 20 MHz, 5725 MHz - 5850 MHz Band, HT, MCS8, Mid Channel 157, 5785 MHz

Frequency

Range

Value

Limit

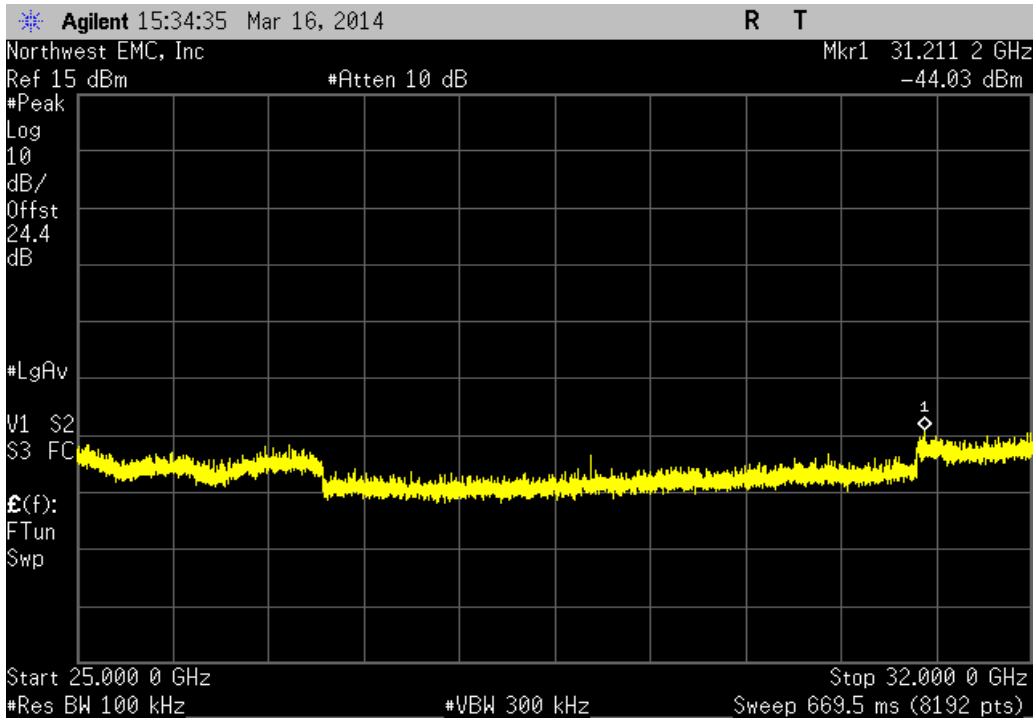
Result

25 GHz - 32 GHz

-46.03 dBc

≤ -20 dBc

Pass



A IEEE 802.11(n), 20 MHz, 5725 MHz - 5850 MHz Band, HT, MCS8, Mid Channel 157, 5785 MHz

Frequency

Range

Value

Limit

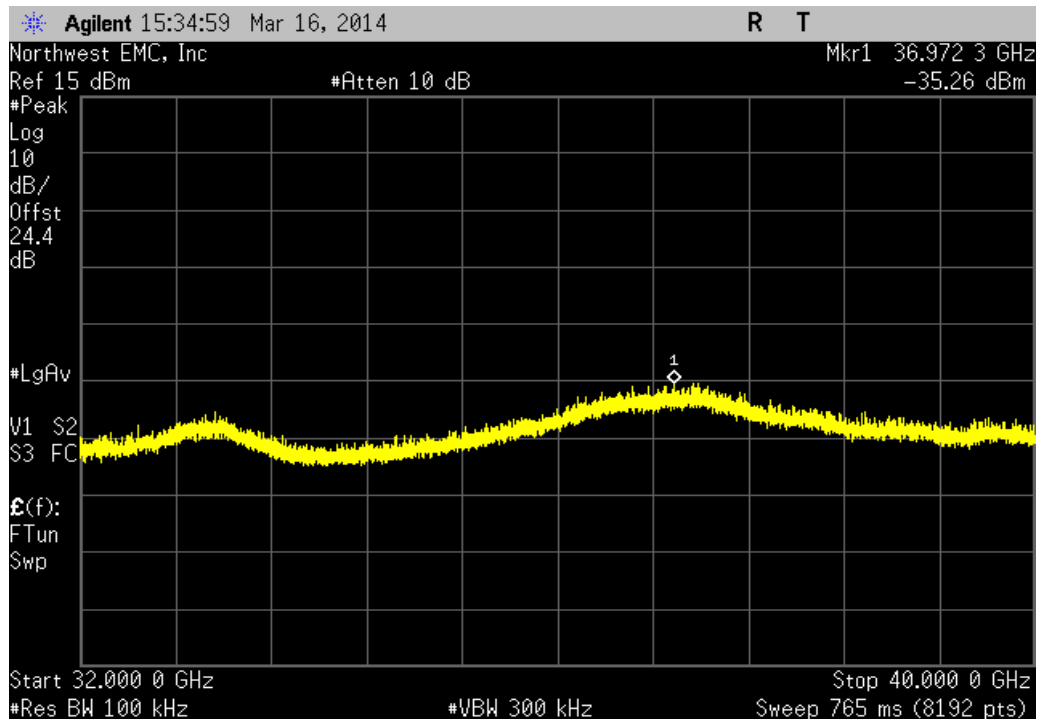
Result

32 GHz - 40 GHz

-37.26 dBc

≤ -20 dBc

Pass



A IEEE 802.11(n), 20 MHz, 5725 MHz - 5850 MHz Band, HT, MCS8, High Channel 165, 5825 MHz

**Frequency
Range**

Value

Limit

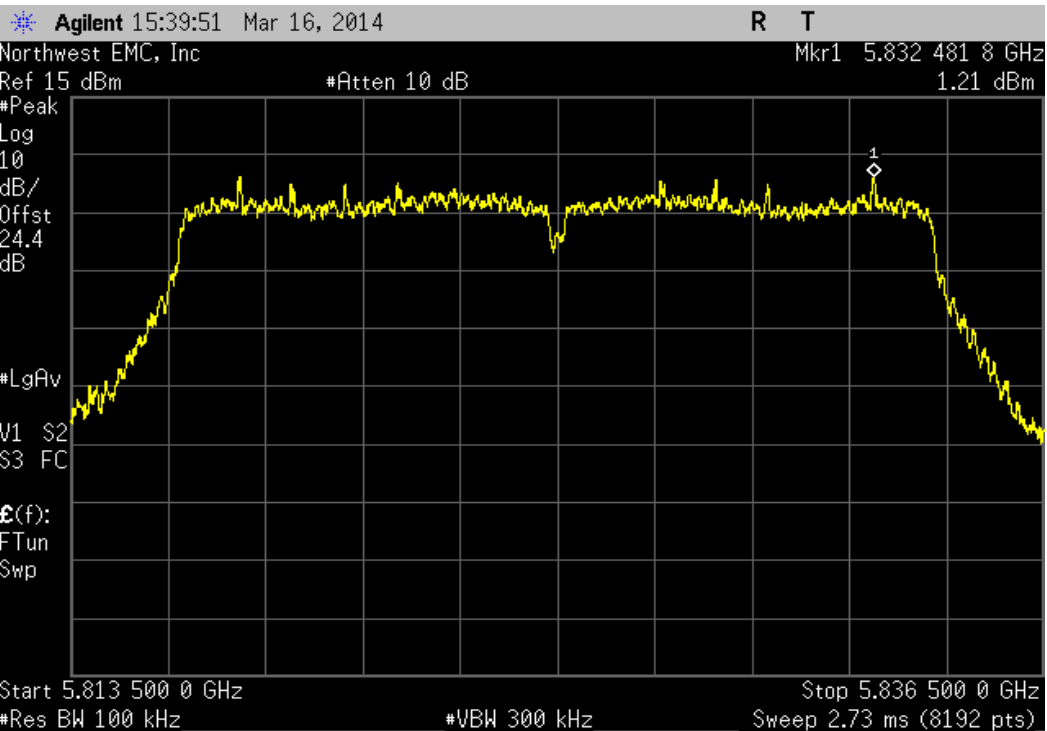
Result

Fundamental

N/A

N/A

N/A



A IEEE 802.11(n), 20 MHz, 5725 MHz - 5850 MHz Band, HT, MCS8, High Channel 165, 5825 MHz

**Frequency
Range**

Value

Limit

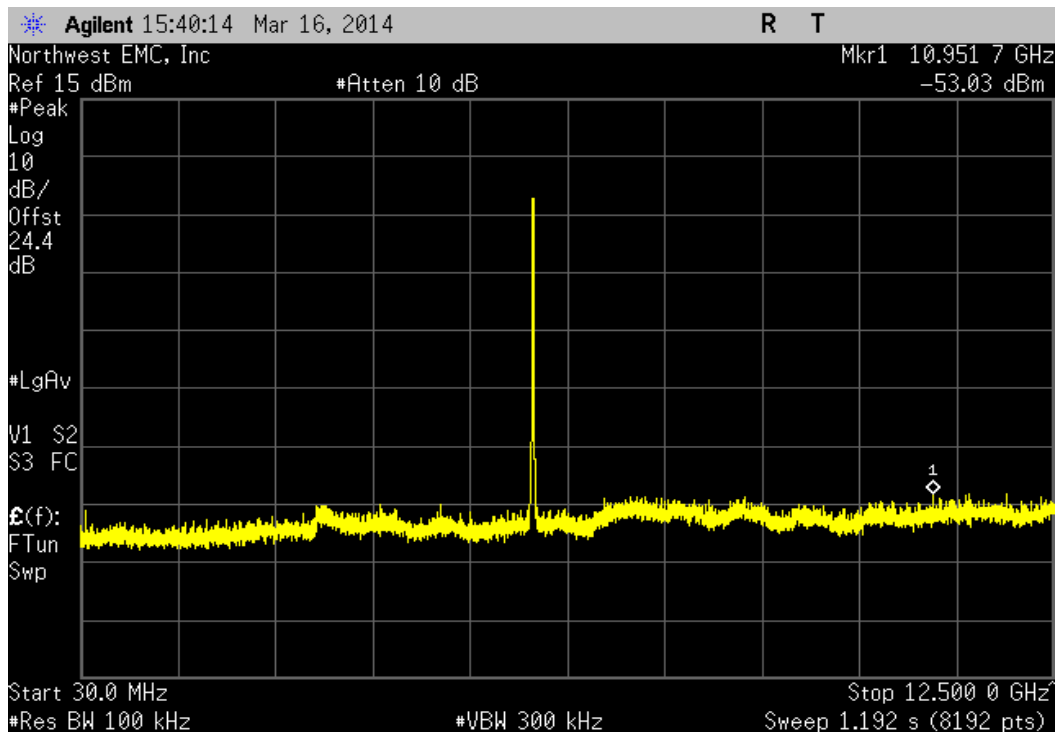
Result

30 MHz - 12.5 GHz

-54.24 dBc

≤ -20 dBc

Pass



A IEEE 802.11(n), 20 MHz, 5725 MHz - 5850 MHz Band, HT, MCS8, High Channel 165, 5825 MHz

Frequency

Range

Value

Limit

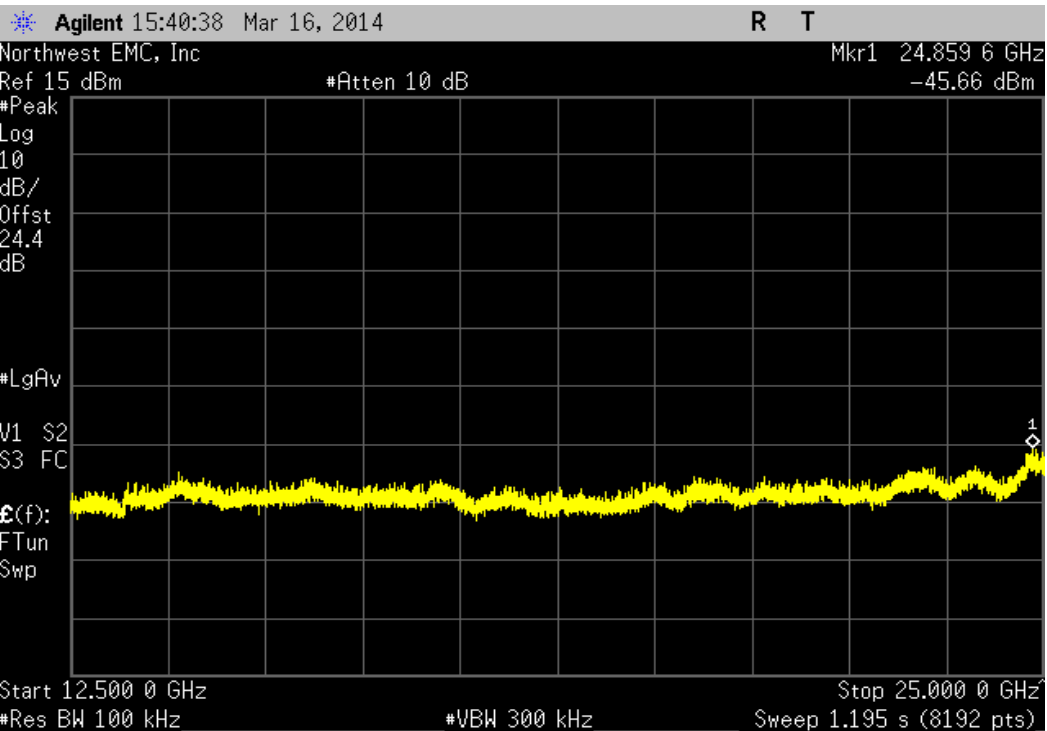
Result

12.5 GHz - 25 GHz

-46.87 dBc

≤ -20 dBc

Pass



A IEEE 802.11(n), 20 MHz, 5725 MHz - 5850 MHz Band, HT, MCS8, High Channel 165, 5825 MHz

Frequency

Range

Value

Limit

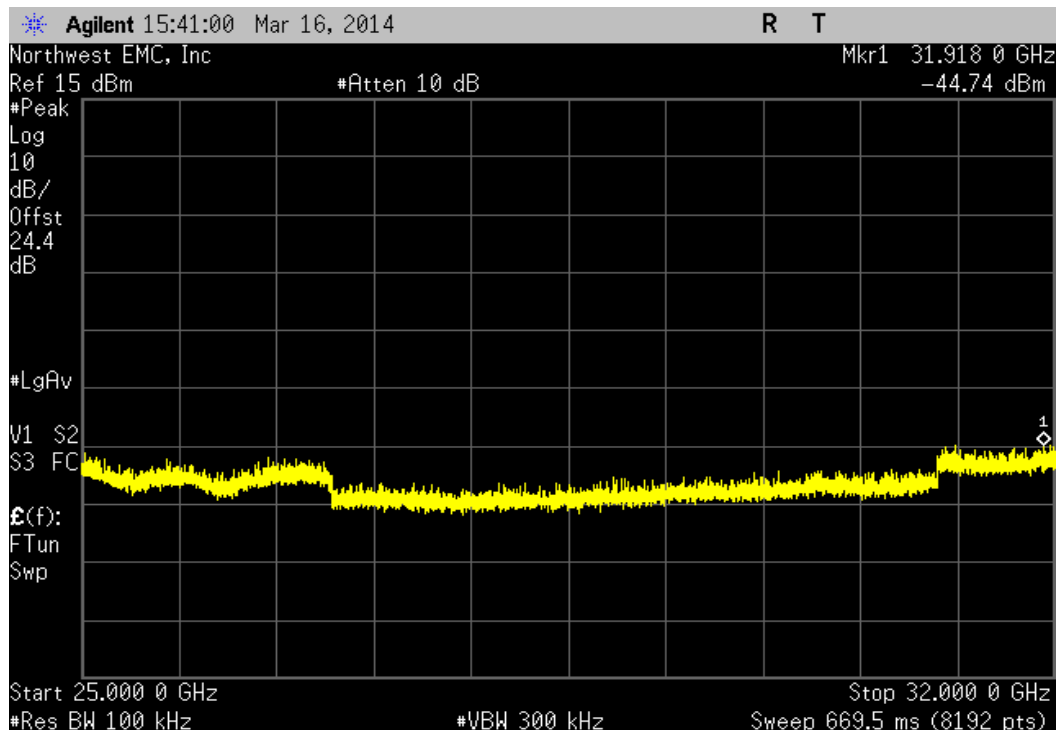
Result

25 GHz - 32 GHz

-45.95 dBc

≤ -20 dBc

Pass



A IEEE 802.11(n), 20 MHz, 5725 MHz - 5850 MHz Band, HT, MCS8, High Channel 165, 5825 MHz

Frequency

Range

Value

Limit

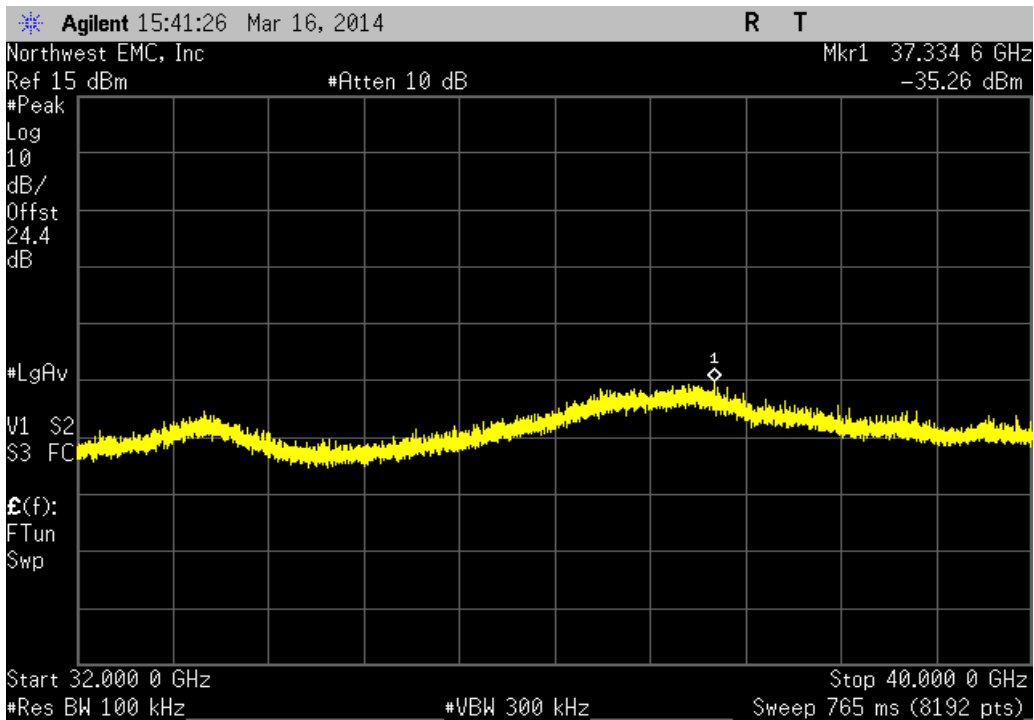
Result

32 GHz - 40 GHz

-36.47 dBc

≤ -20 dBc

Pass



A IEEE 802.11(n), 20 MHz, 5725 MHz - 5850 MHz Band, HT, MCS15, Low Channel 149, 5745 MHz

Frequency

Range

Value

Limit

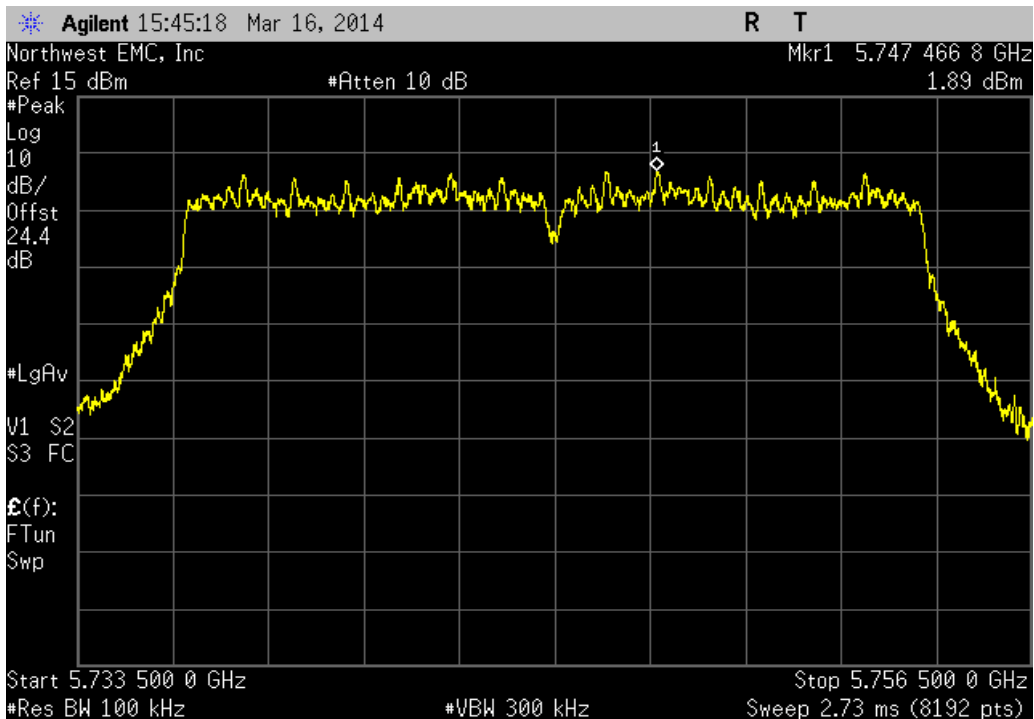
Result

Fundamental

N/A

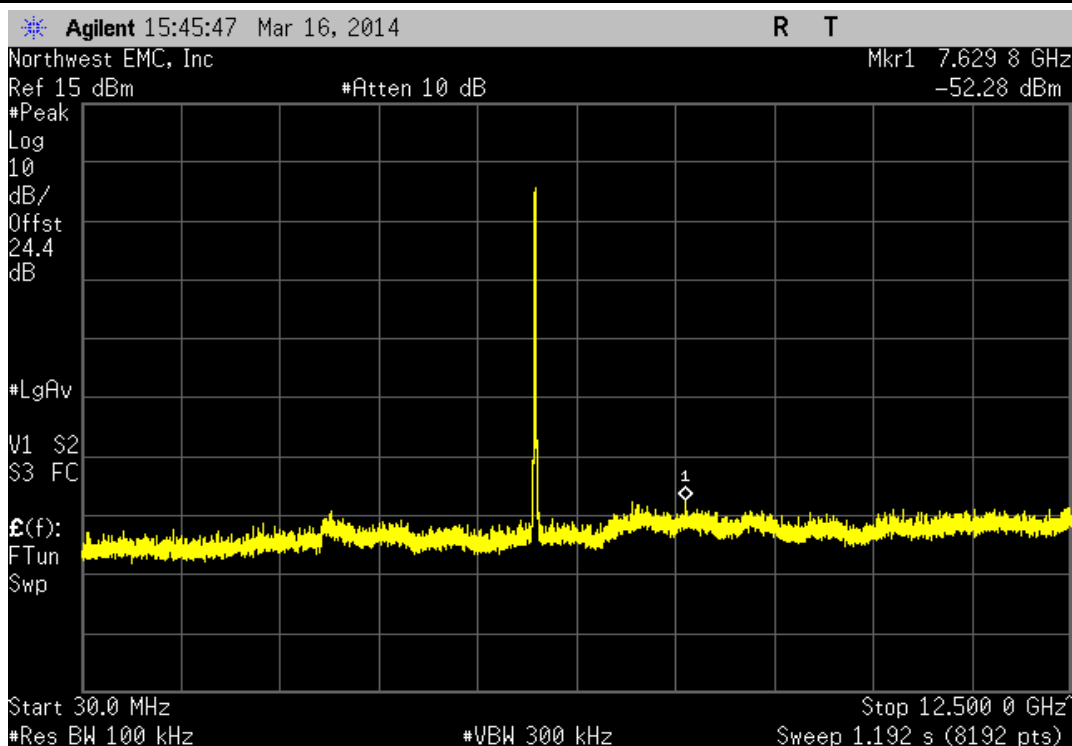
N/A

N/A



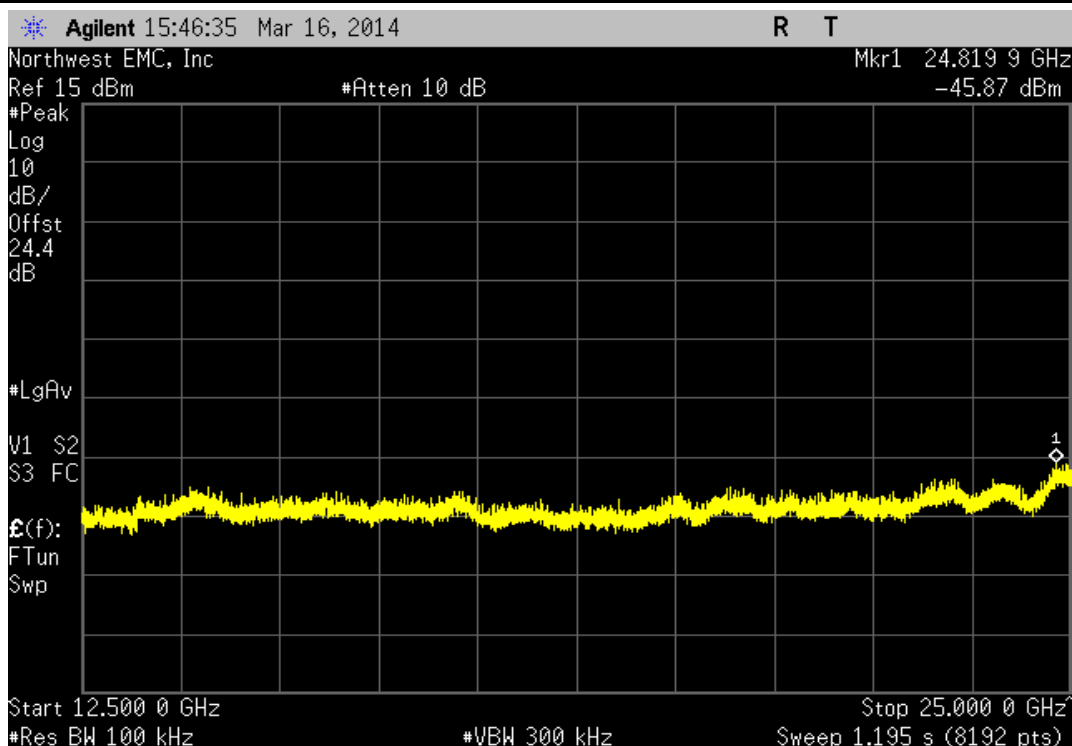
A IEEE 802.11(n), 20 MHz, 5725 MHz - 5850 MHz Band, HT, MCS15, Low Channel 149, 5745 MHz

Frequency Range	Value	Limit	Result
30 MHz - 12.5 GHz	-54.17 dBc	≤ -20 dBc	Pass



A IEEE 802.11(n), 20 MHz, 5725 MHz - 5850 MHz Band, HT, MCS15, Low Channel 149, 5745 MHz

Frequency Range	Value	Limit	Result
12.5 GHz - 25 GHz	-47.76 dBc	≤ -20 dBc	Pass



A IEEE 802.11(n), 20 MHz, 5725 MHz - 5850 MHz Band, HT, MCS15, Low Channel 149, 5745 MHz

Frequency

Range

Value

Limit

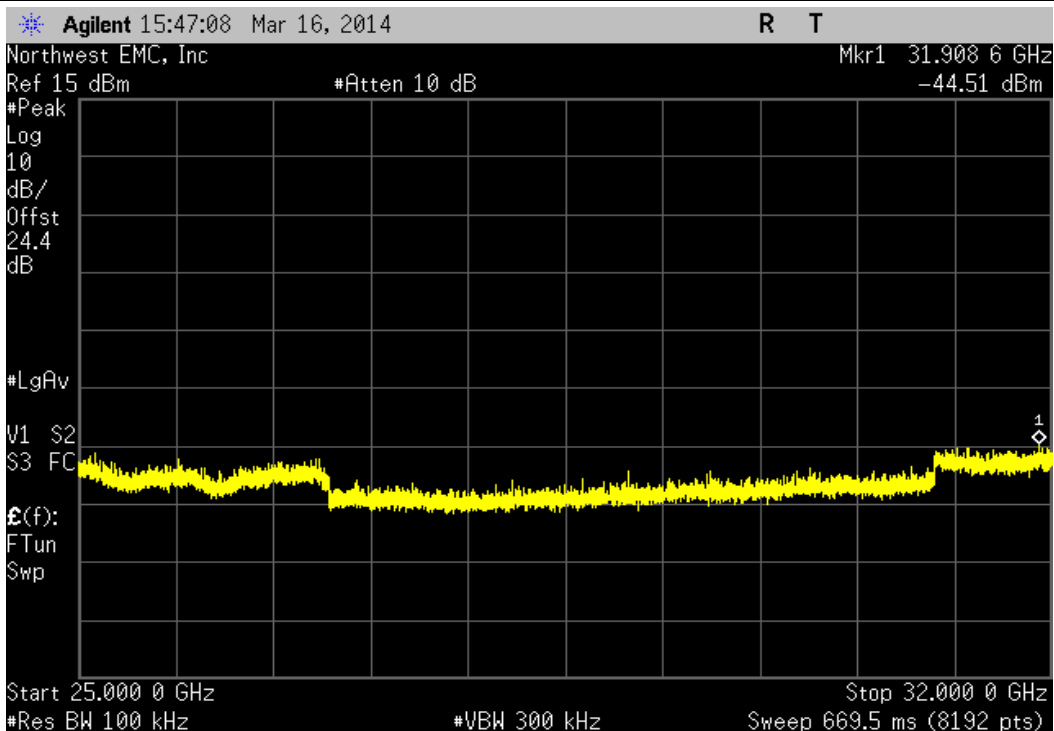
Result

25 GHz - 32 GHz

-46.4 dBc

≤ -20 dBc

Pass



A IEEE 802.11(n), 20 MHz, 5725 MHz - 5850 MHz Band, HT, MCS15, Low Channel 149, 5745 MHz

Frequency

Range

Value

Limit

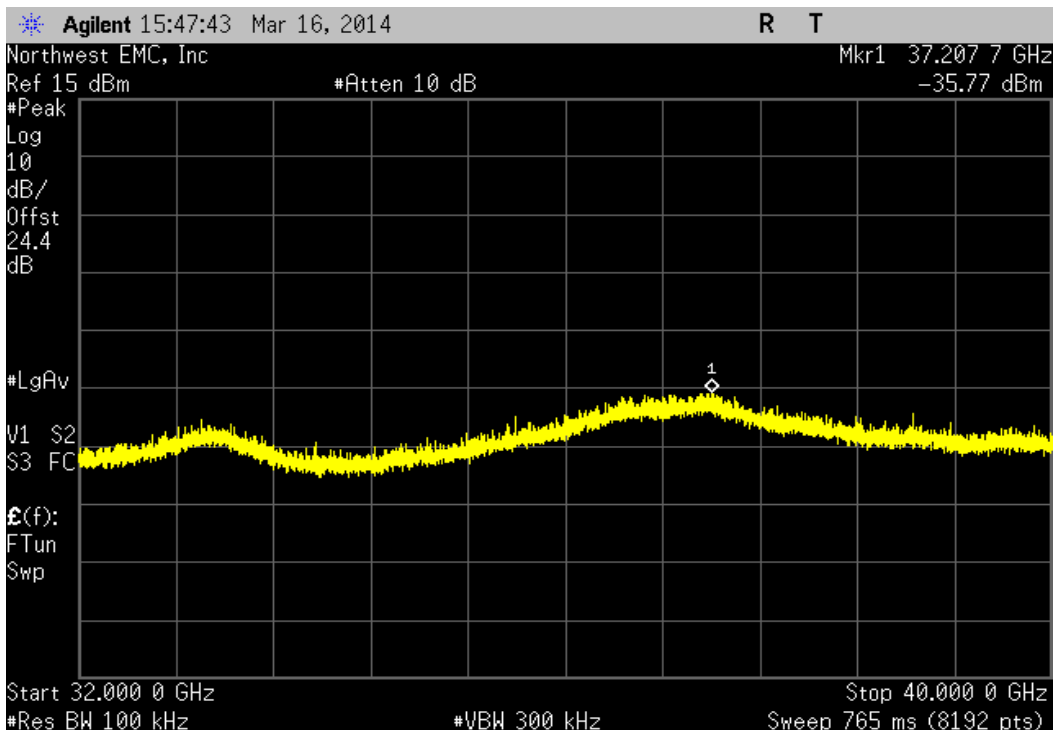
Result

32 GHz - 40 GHz

-37.66 dBc

≤ -20 dBc

Pass



A IEEE 802.11(n), 20 MHz, 5725 MHz - 5850 MHz Band, HT, MCS15, Mid Channel 157, 5785 MHz

Frequency
Range

Value

Limit

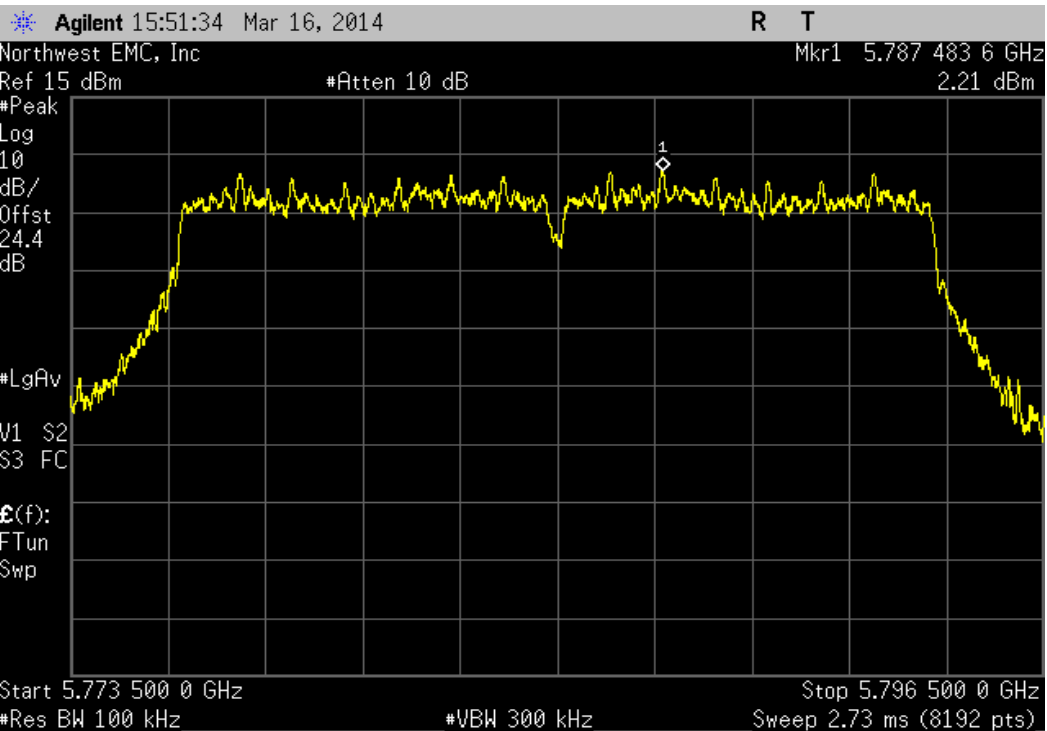
Result

Fundamental

N/A

N/A

N/A



A IEEE 802.11(n), 20 MHz, 5725 MHz - 5850 MHz Band, HT, MCS15, Mid Channel 157, 5785 MHz

Frequency
Range

Value

Limit

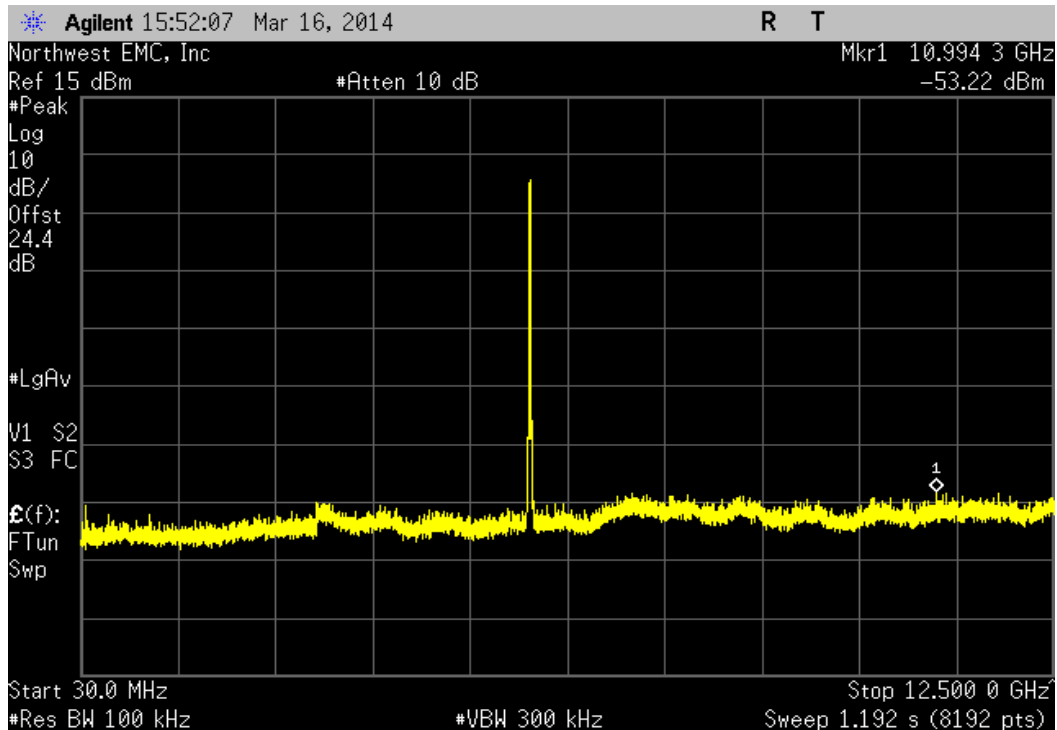
Result

30 MHz - 12.5 GHz

-55.43 dBc

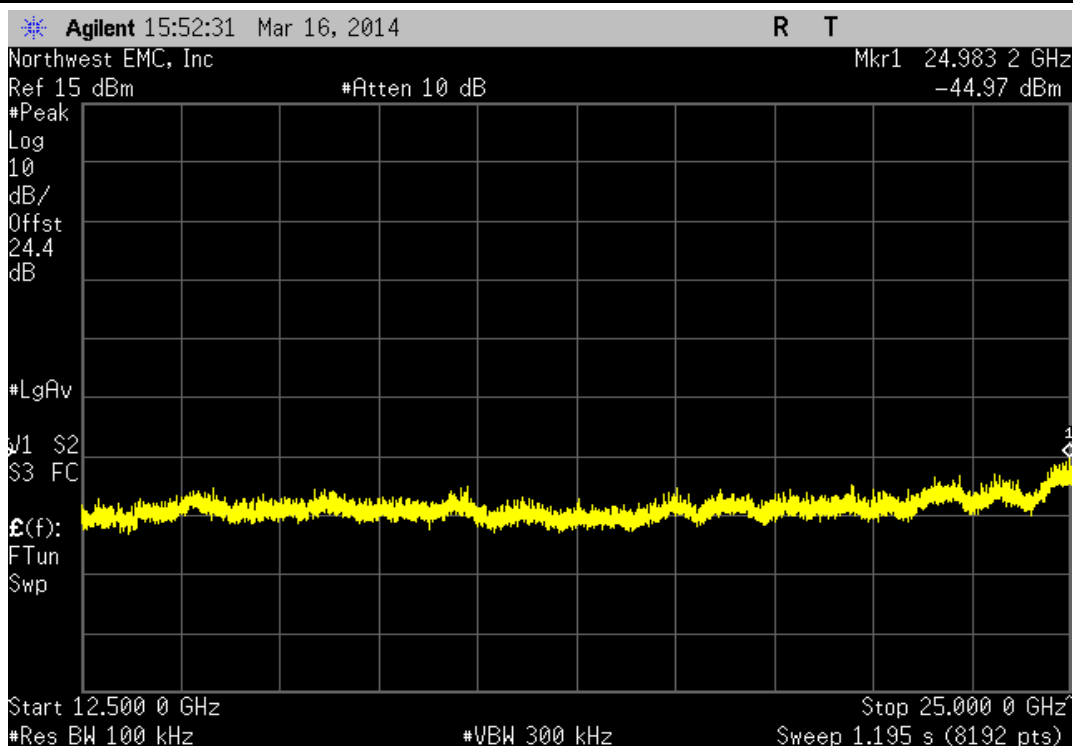
≤ -20 dBc

Pass



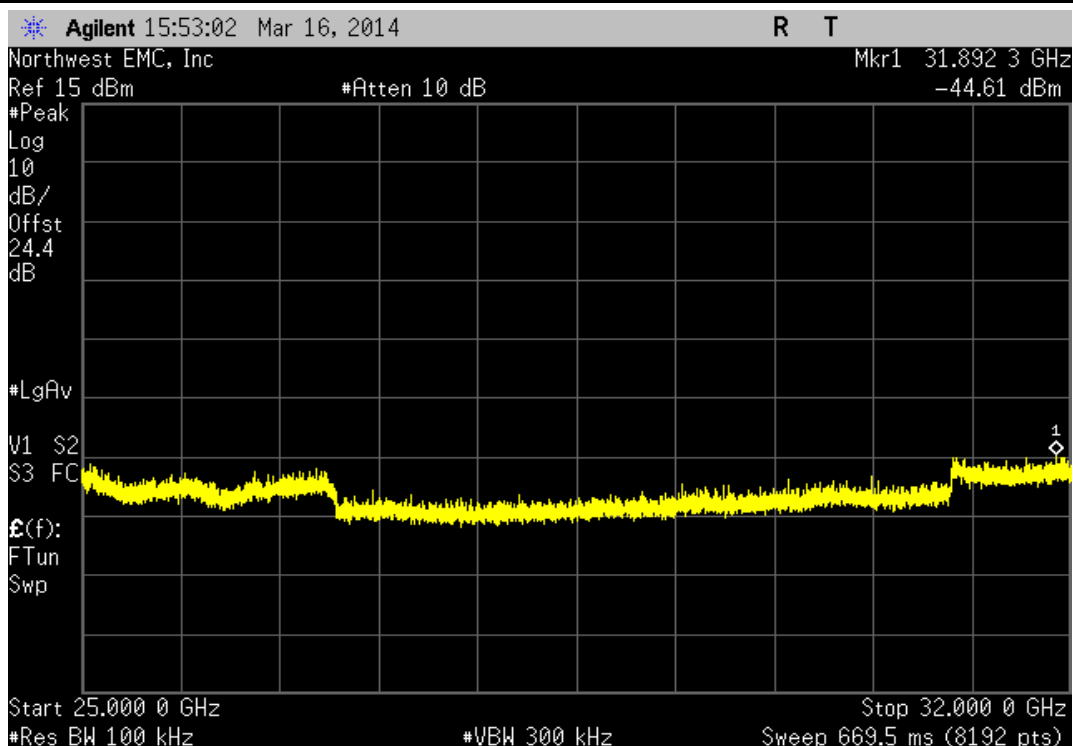
A IEEE 802.11(n), 20 MHz, 5725 MHz - 5850 MHz Band, HT, MCS15, Mid Channel 157, 5785 MHz

Frequency Range	Value	Limit	Result
12.5 GHz - 25 GHz	-47.18 dBc	≤ -20 dBc	Pass



A IEEE 802.11(n), 20 MHz, 5725 MHz - 5850 MHz Band, HT, MCS15, Mid Channel 157, 5785 MHz

Frequency Range	Value	Limit	Result
25 GHz - 32 GHz	-46.82 dBc	≤ -20 dBc	Pass



A IEEE 802.11(n), 20 MHz, 5725 MHz - 5850 MHz Band, HT, MCS15, Mid Channel 157, 5785 MHz

Frequency

Range

Value

Limit

Result

32 GHz - 40 GHz

-38.09 dBc

≤ -20 dBc

Pass

Agilent 15:53:59 Mar 16, 2014

R T

Northwest EMC, Inc

Mkr1 37.196 9 GHz

Ref 15 dBm

#Atten 10 dB

-35.88 dBm

#Peak

Log

10

dB/

Offst

24.4

dB

#LgRv

V1 S2

S3 FC

Ⓔ(f):

FTun

Swp

Start 32.000 0 GHz

Stop 40.000 0 GHz

#Res BW 100 kHz

#VBW 300 kHz

Sweep 765 ms (8192 pts)

A IEEE 802.11(n), 20 MHz, 5725 MHz - 5850 MHz Band, HT, MCS15, High Channel 165, 5825 MHz

Frequency

Range

Value

Limit

Result

Fundamental

N/A

N/A

N/A

Agilent 15:59:22 Mar 16, 2014

R T

Northwest EMC, Inc

Mkr1 5.827 485 8 GHz

Ref 15 dBm

#Atten 10 dB

1.87 dBm

#Peak

Log

10

dB/

Offst

24.4

dB

#LgRv

V1 S2

S3 FC

Ⓔ(f):

FTun

Swp

Start 5.814 000 0 GHz

Stop 5.836 000 0 GHz

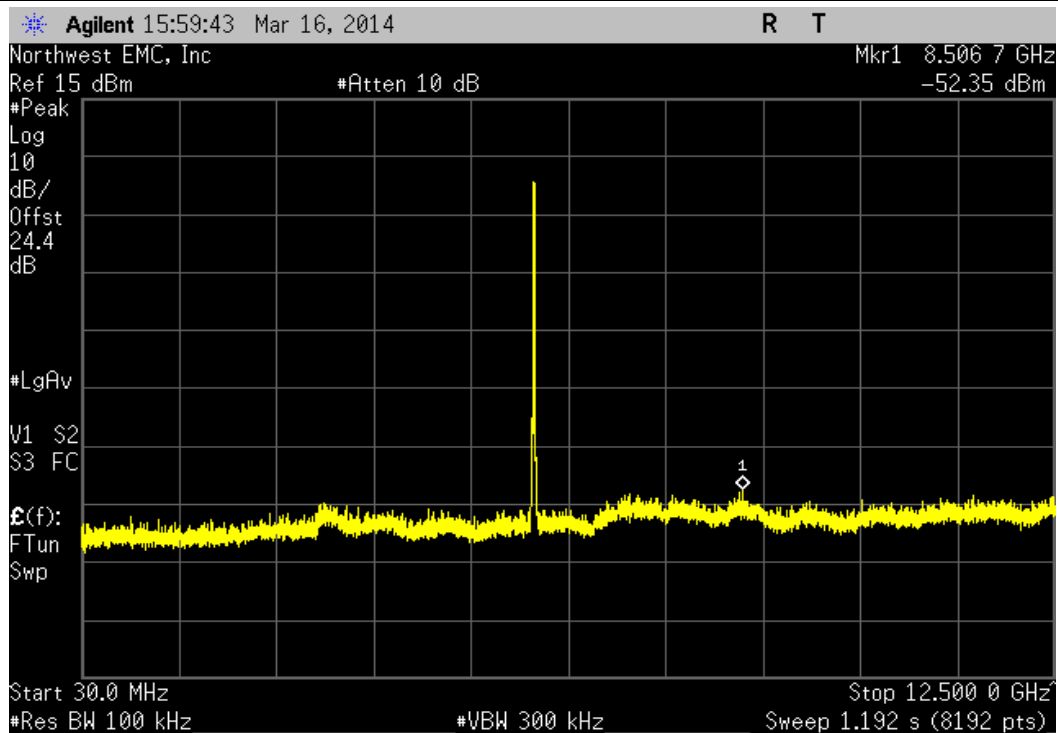
#Res BW 100 kHz

#VBW 300 kHz

Sweep 2.184 ms (8192 pts)

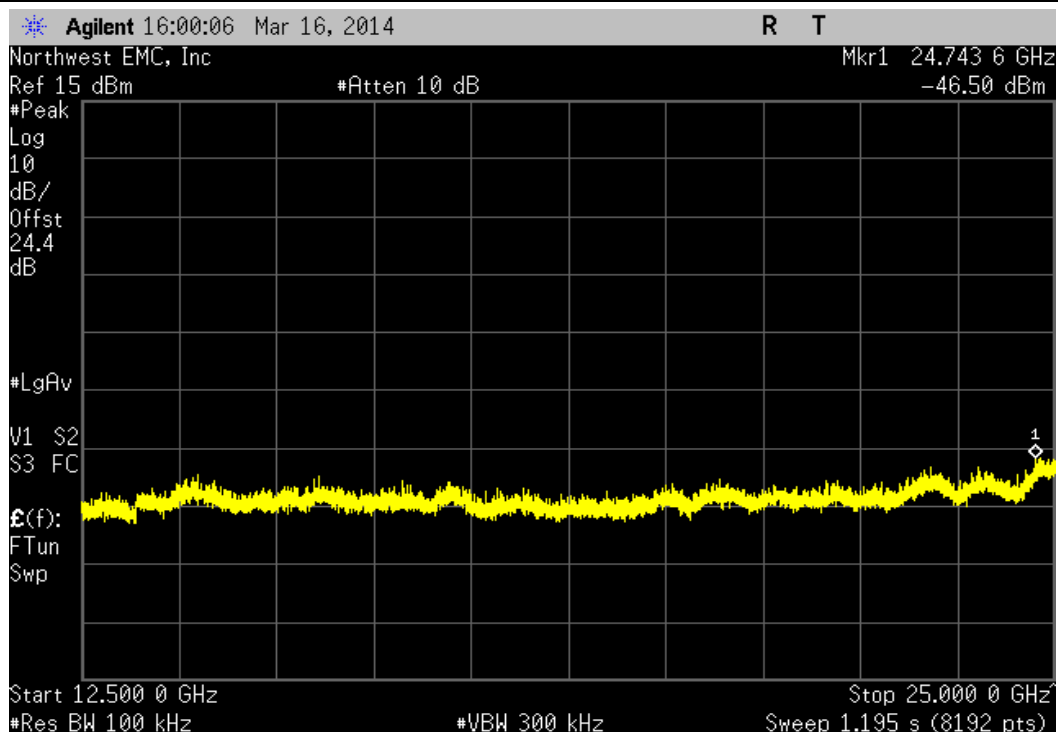
A IEEE 802.11(n), 20 MHz, 5725 MHz - 5850 MHz Band, HT, MCS15, High Channel 165, 5825 MHz

Frequency Range	Value	Limit	Result
30 MHz - 12.5 GHz	-54.22 dBc	≤ -20 dBc	Pass



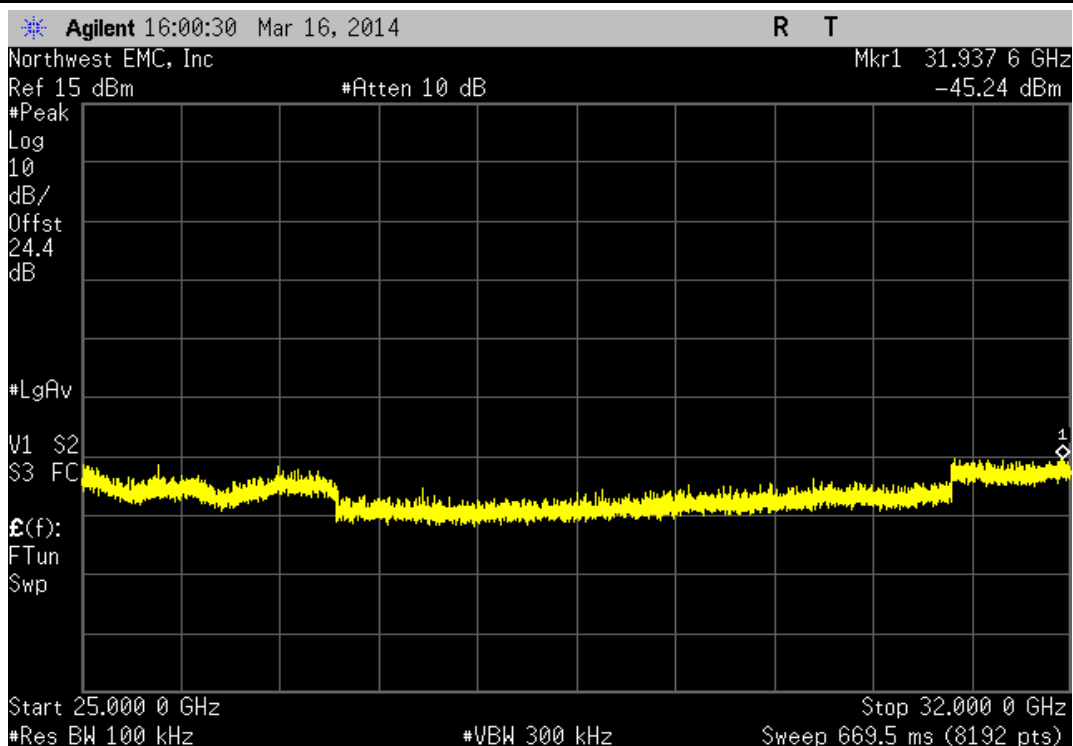
A IEEE 802.11(n), 20 MHz, 5725 MHz - 5850 MHz Band, HT, MCS15, High Channel 165, 5825 MHz

Frequency Range	Value	Limit	Result
12.5 GHz - 25 GHz	-48.37 dBc	≤ -20 dBc	Pass



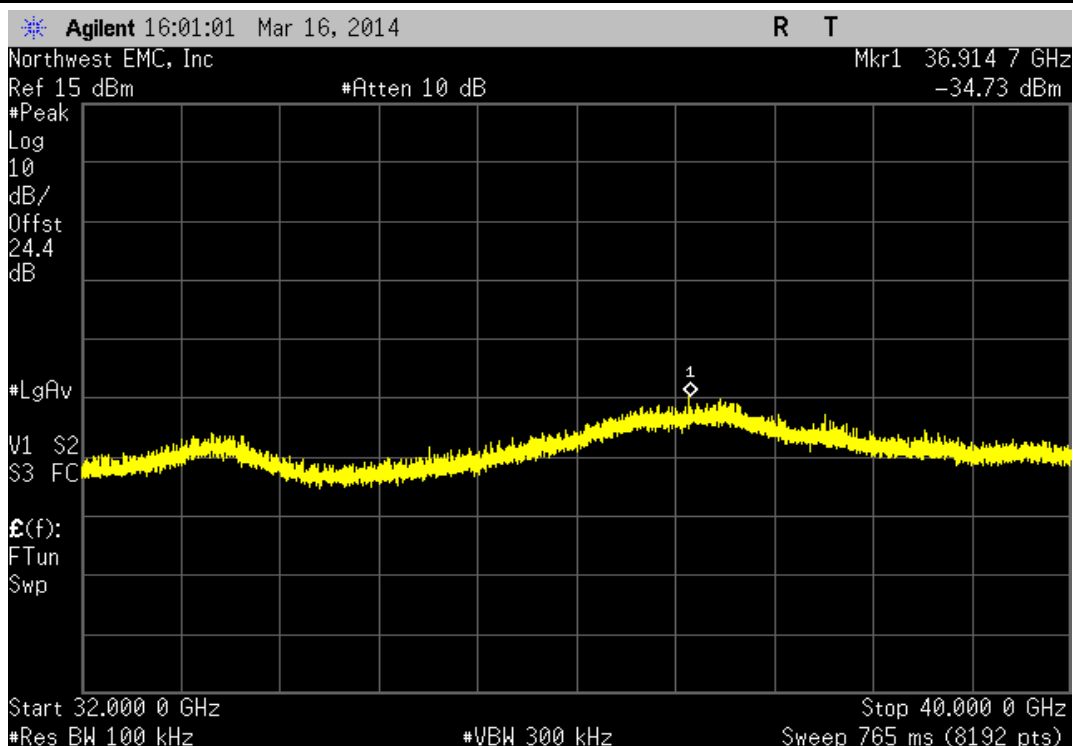
A IEEE 802.11(n), 20 MHz, 5725 MHz - 5850 MHz Band, HT, MCS15, High Channel 165, 5825 MHz

Frequency Range	Value	Limit	Result
25 GHz - 32 GHz	-47.11 dBc	≤ -20 dBc	Pass



A IEEE 802.11(n), 20 MHz, 5725 MHz - 5850 MHz Band, HT, MCS15, High Channel 165, 5825 MHz

Frequency Range	Value	Limit	Result
32 GHz - 40 GHz	-36.6 dBc	≤ -20 dBc	Pass



A IEEE 802.11(n), 40 MHz, 5725 MHz - 5850 MHz Band, HT, MCS8, Low Channel 149/153, 5755 MHz

Frequency
Range

Value

Limit

Result

Fundamental

N/A

N/A

N/A

Agilent 17:16:32 Mar 16, 2014

R T

Northwest EMC, Inc

Mkr1 5.749 982 GHz

Ref 15 dBm

#Atten 10 dB

-1.01 dBm

#Peak

Log

10

dB/

Offst

24.4

dB

#LgRv

V1 S2

S3 FC

£(f):

FTun

Swp

Start 5.732 000 GHz

Stop 5.778 000 GHz

#Res BW 100 kHz

#VBW 300 kHz

Sweep 4.915 ms (8192 pts)

A IEEE 802.11(n), 40 MHz, 5725 MHz - 5850 MHz Band, HT, MCS8, Low Channel 149/153, 5755 MHz

Frequency
Range

Value

Limit

Result

30 MHz - 12.5 GHz

-48.71 dBc

≤ -20 dBc

Pass

Agilent 17:16:58 Mar 16, 2014

R T

Northwest EMC, Inc

Mkr1 5.691 8 GHz

Ref 15 dBm

#Atten 10 dB

-49.72 dBm

#Peak

Log

10

dB/

Offst

24.4

dB

#LgRv

V1 S2

S3 FC

£(f):

FTun

Swp

Start 30.0 MHz

Stop 12.500 0 GHz

#Res BW 100 kHz

#VBW 300 kHz

Sweep 1.192 s (8192 pts)

A IEEE 802.11(n), 40 MHz, 5725 MHz - 5850 MHz Band, HT, MCS8, Low Channel 149/153, 5755 MHz

Frequency

Range

Value

Limit

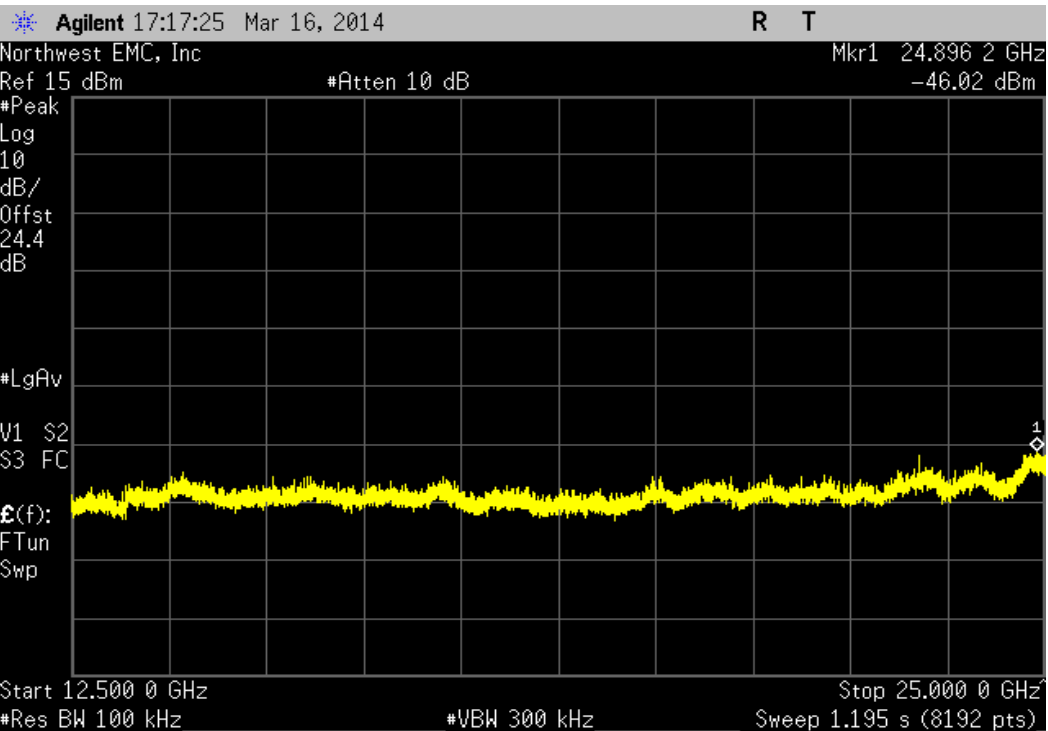
Result

12.5 GHz - 25 GHz

-45.01 dBc

≤ -20 dBc

Pass



A IEEE 802.11(n), 40 MHz, 5725 MHz - 5850 MHz Band, HT, MCS8, Low Channel 149/153, 5755 MHz

Frequency

Range

Value

Limit

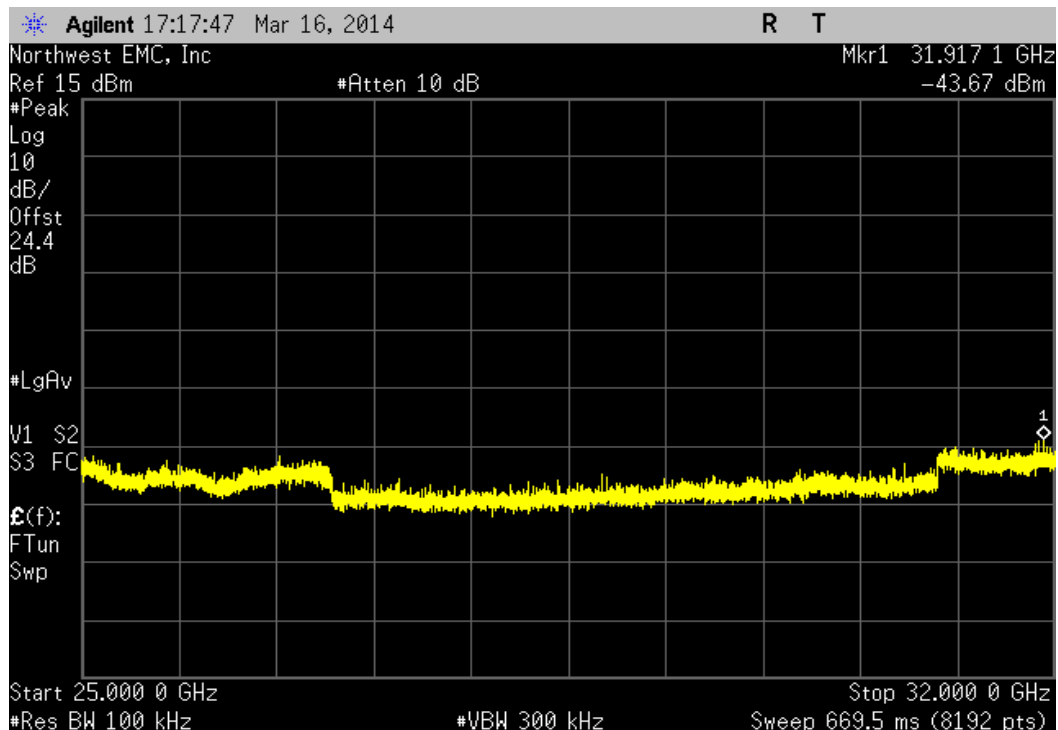
Result

25 GHz - 32 GHz

-42.66 dBc

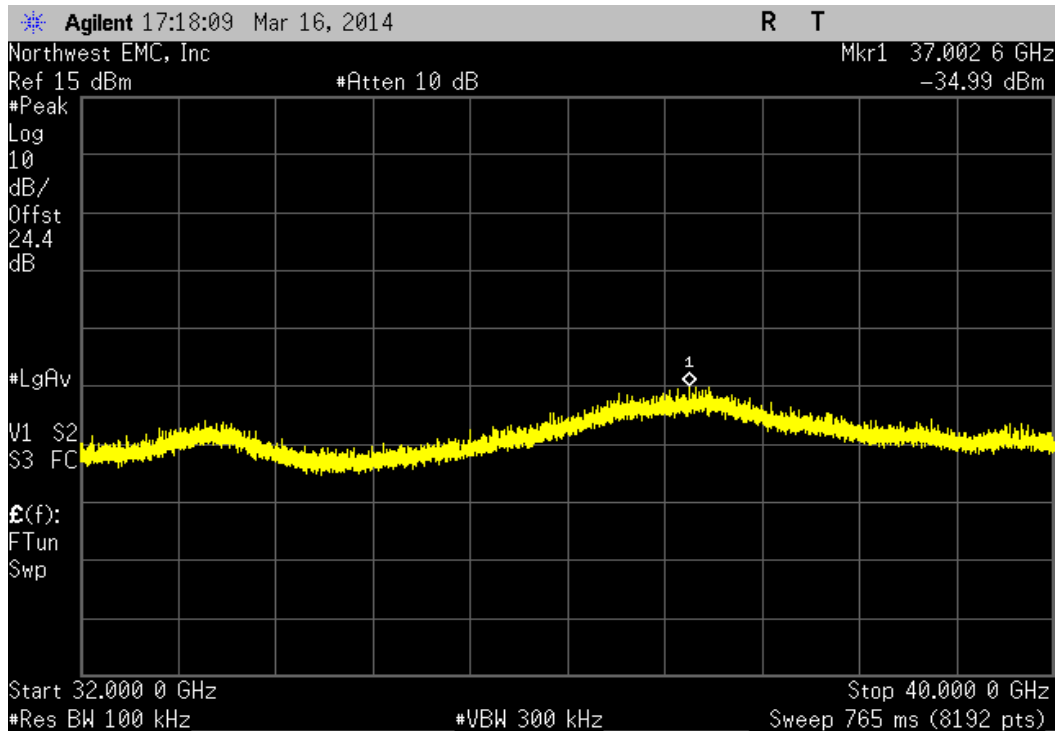
≤ -20 dBc

Pass



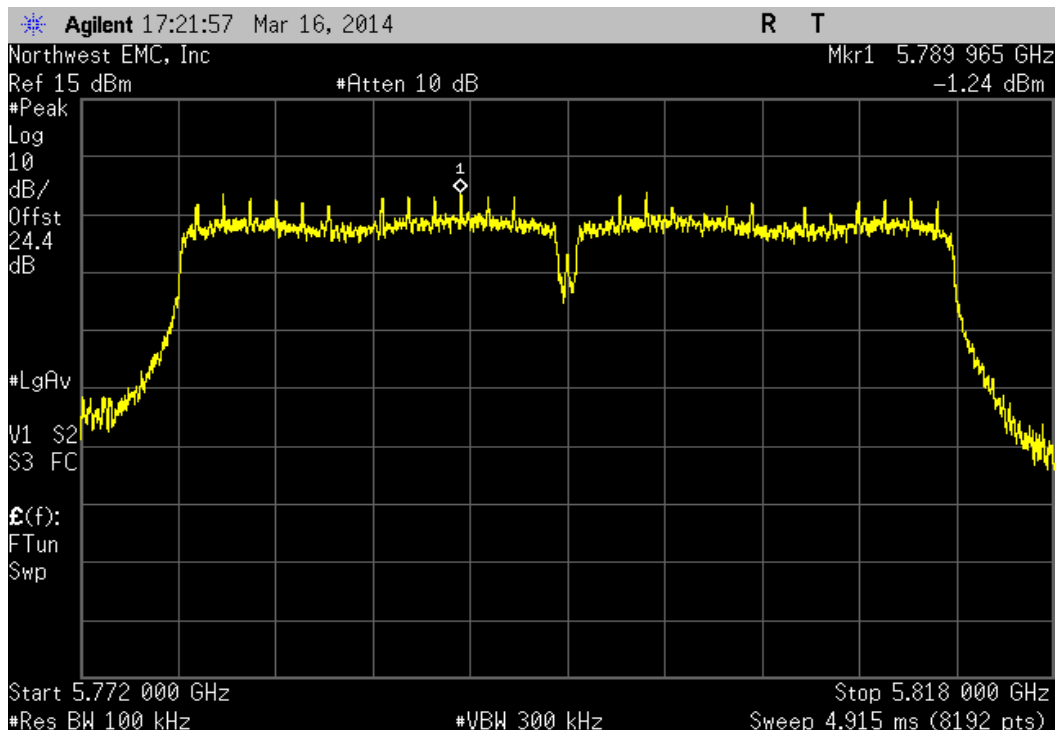
A IEEE 802.11(n), 40 MHz, 5725 MHz - 5850 MHz Band, HT, MCS8, Low Channel 149/153, 5755 MHz

Frequency Range	Value	Limit	Result
32 GHz - 40 GHz	-33.99 dBc	≤ -20 dBc	Pass



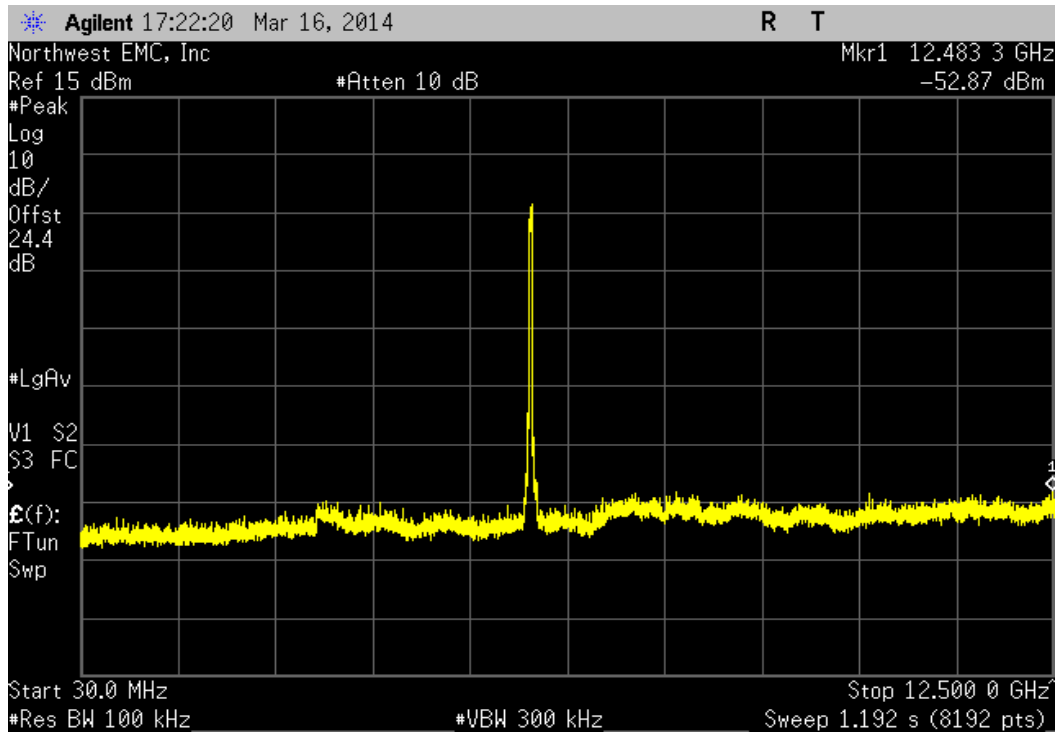
A IEEE 802.11(n), 40 MHz, 5725 MHz - 5850 MHz Band, HT, MCS8, High Channel 157/161, 5795 MHz

Frequency Range	Value	Limit	Result
Fundamental	N/A	N/A	N/A



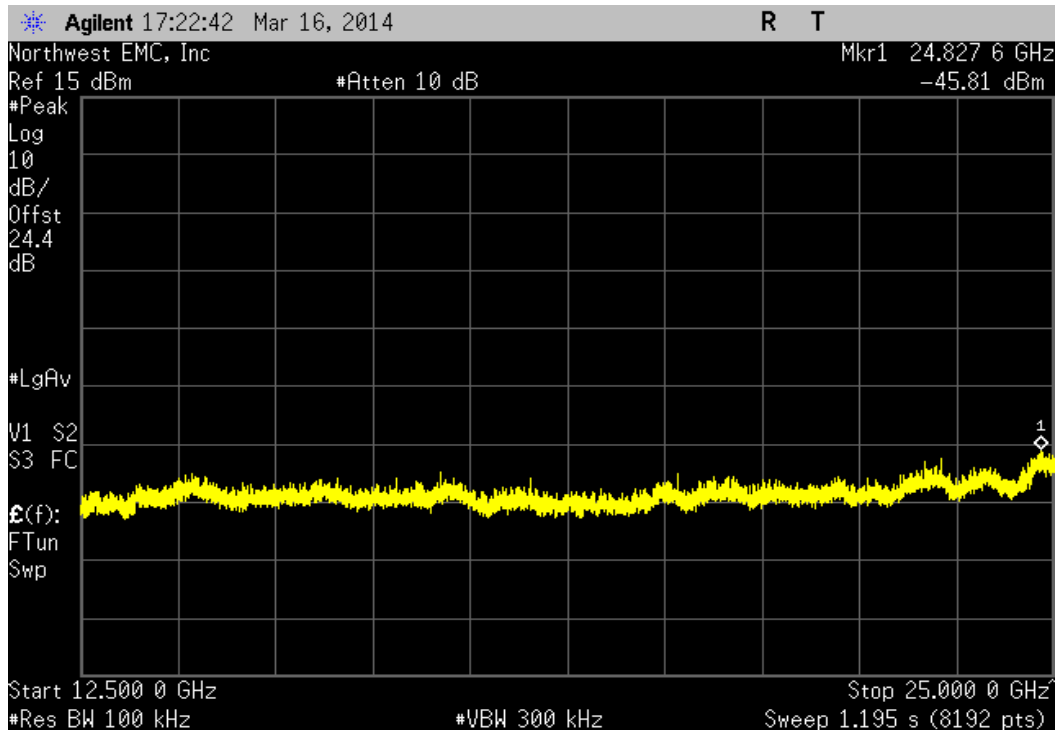
A IEEE 802.11(n), 40 MHz, 5725 MHz - 5850 MHz Band, HT, MCS8, High Channel 157/161, 5795 MHz

Frequency Range	Value	Limit	Result
30 MHz - 12.5 GHz	-51.63 dBc	≤ -20 dBc	Pass



A IEEE 802.11(n), 40 MHz, 5725 MHz - 5850 MHz Band, HT, MCS8, High Channel 157/161, 5795 MHz

Frequency Range	Value	Limit	Result
12.5 GHz - 25 GHz	-44.57 dBc	≤ -20 dBc	Pass



A IEEE 802.11(n), 40 MHz, 5725 MHz - 5850 MHz Band, HT, MCS8, High Channel 157/161, 5795 MHz

Frequency

Range

Value

Limit

Result

25 GHz - 32 GHz

-43.47 dBc

≤ -20 dBc

Pass

Agilent 17:23:05 Mar 16, 2014

R T

Northwest EMC, Inc

Mkr1 31.182 2 GHz

Ref 15 dBm

#Atten 10 dB

-44.71 dBm

#Peak

Log

10

dB/

Offst

24.4

dB

#LgRv

V1 S2

S3 FC

£(f):

FTun

Swp

Start 25.000 0 GHz

Stop 32.000 0 GHz

#Res BW 100 kHz

#VBW 300 kHz

Sweep 669.5 ms (8192 pts)

A IEEE 802.11(n), 40 MHz, 5725 MHz - 5850 MHz Band, HT, MCS8, High Channel 157/161, 5795 MHz

Frequency

Range

Value

Limit

Result

32 GHz - 40 GHz

-33.64 dBc

≤ -20 dBc

Pass

Agilent 17:23:31 Mar 16, 2014

R T

Northwest EMC, Inc

Mkr1 37.136 4 GHz

Ref 15 dBm

#Atten 10 dB

-34.88 dBm

#Peak

Log

10

dB/

Offst

24.4

dB

#LgRv

V1 S2

S3 FC

£(f):

FTun

Swp

Start 32.000 0 GHz

Stop 40.000 0 GHz

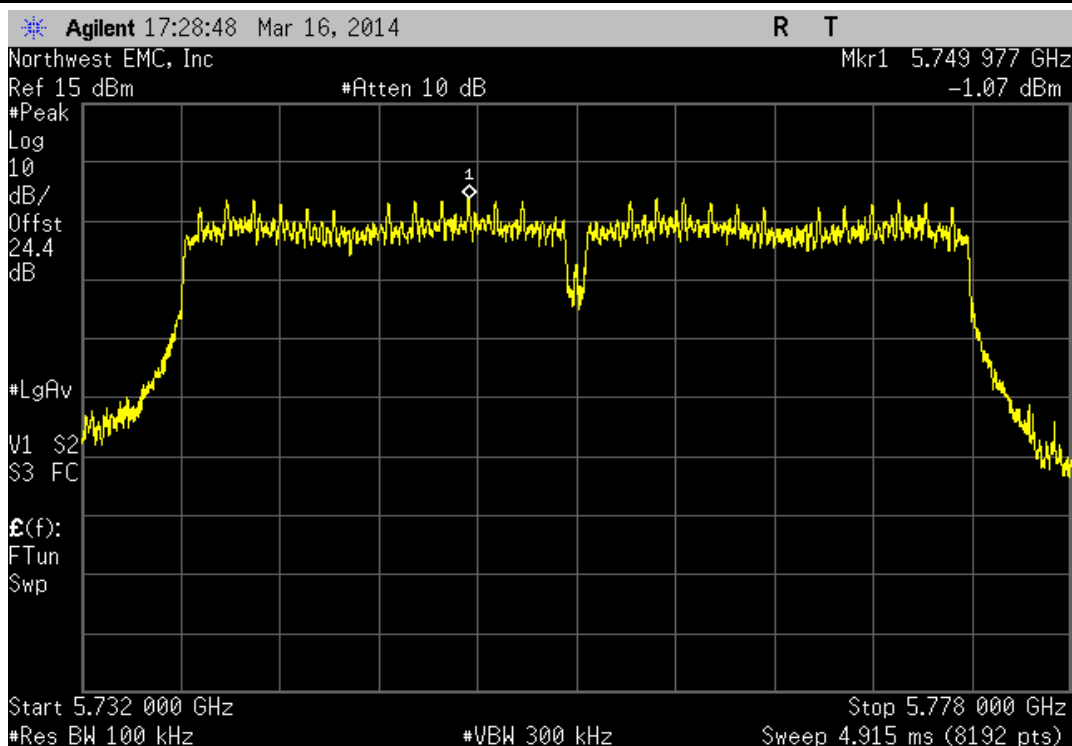
#Res BW 100 kHz

#VBW 300 kHz

Sweep 765 ms (8192 pts)

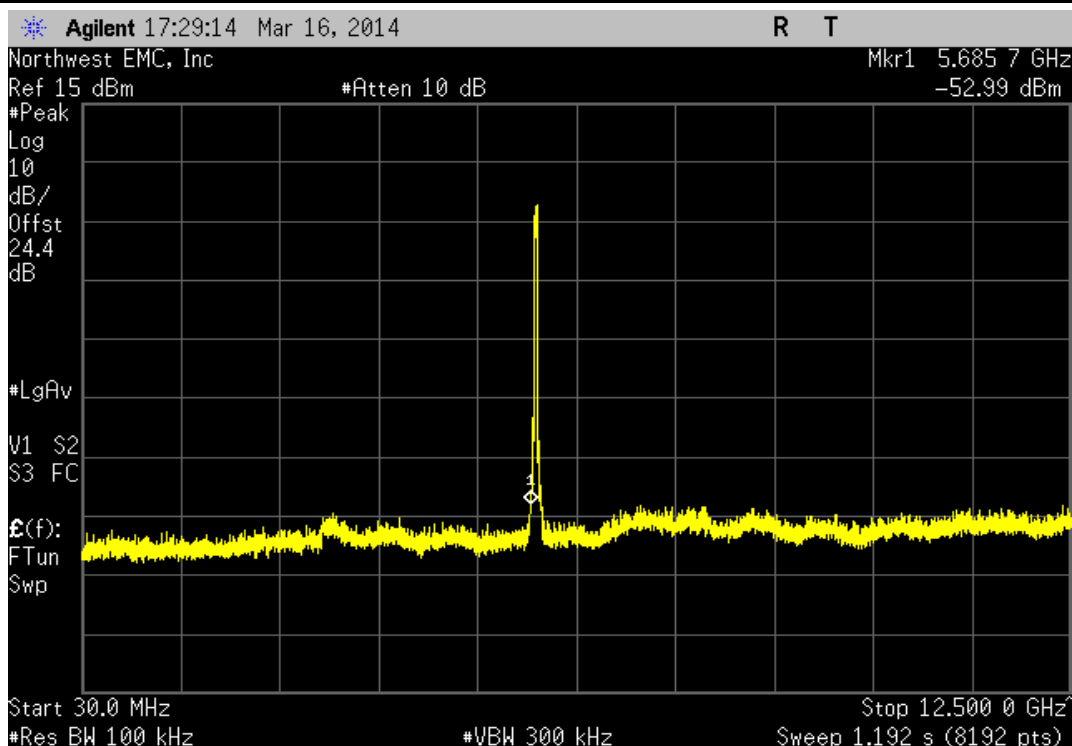
A IEEE 802.11(n), 40 MHz, 5725 MHz - 5850 MHz Band, HT, MCS15, Low Channel 149/153, 5755 MHz

Frequency	Range	Value	Limit	Result
	Fundamental	N/A	N/A	N/A



A IEEE 802.11(n), 40 MHz, 5725 MHz - 5850 MHz Band, HT, MCS15, Low Channel 149/153, 5755 MHz

Frequency	Range	Value	Limit	Result
	30 MHz - 12.5 GHz	-51.92 dBc	≤ -20 dBc	Pass



A IEEE 802.11(n), 40 MHz, 5725 MHz - 5850 MHz Band, HT, MCS15, Low Channel 149/153, 5755 MHz

Frequency

Range

Value

Limit

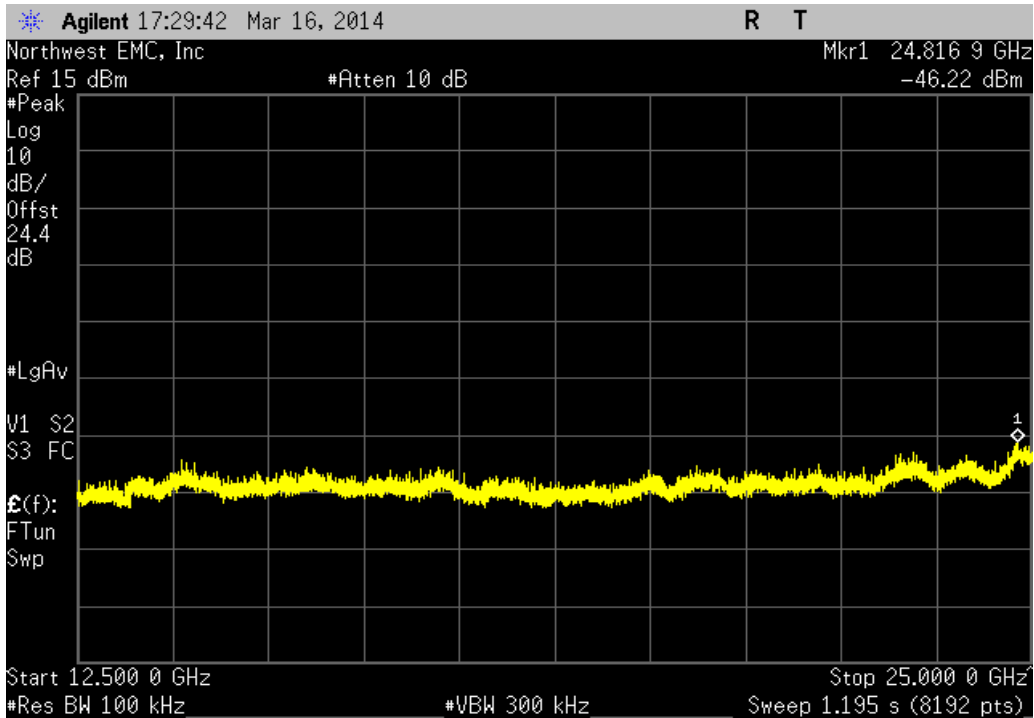
Result

12.5 GHz - 25 GHz

-45.15 dBc

≤ -20 dBc

Pass



A IEEE 802.11(n), 40 MHz, 5725 MHz - 5850 MHz Band, HT, MCS15, Low Channel 149/153, 5755 MHz

Frequency

Range

Value

Limit

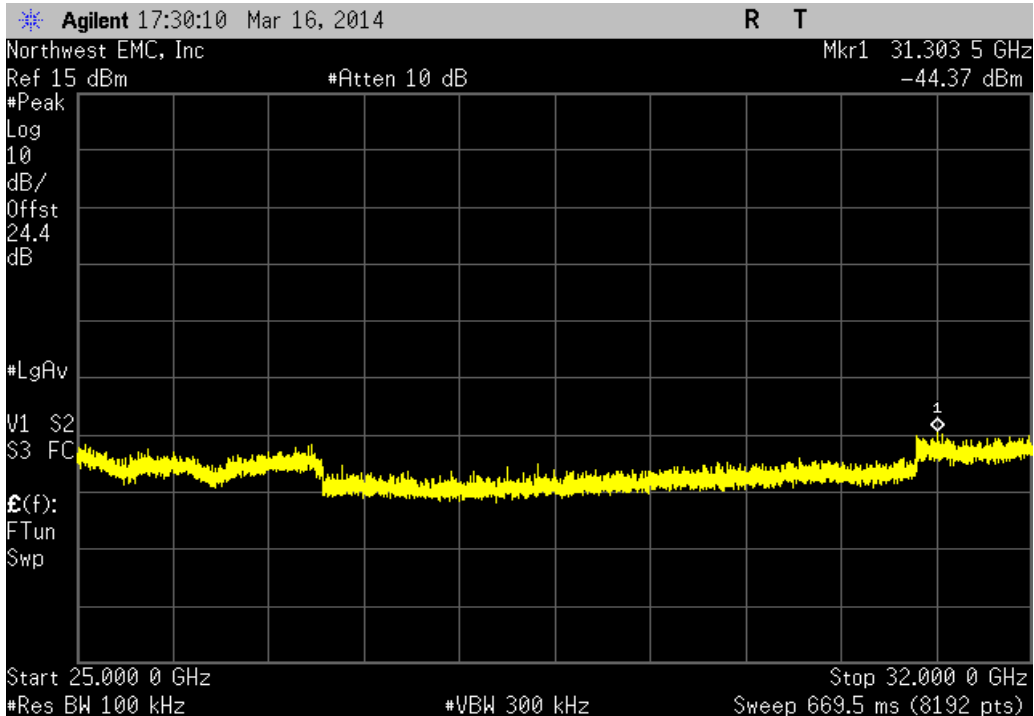
Result

25 GHz - 32 GHz

-43.3 dBc

≤ -20 dBc

Pass



A IEEE 802.11(n), 40 MHz, 5725 MHz - 5850 MHz Band, HT, MCS15, Low Channel 149/153, 5755 MHz

Frequency

Range

Value

Limit

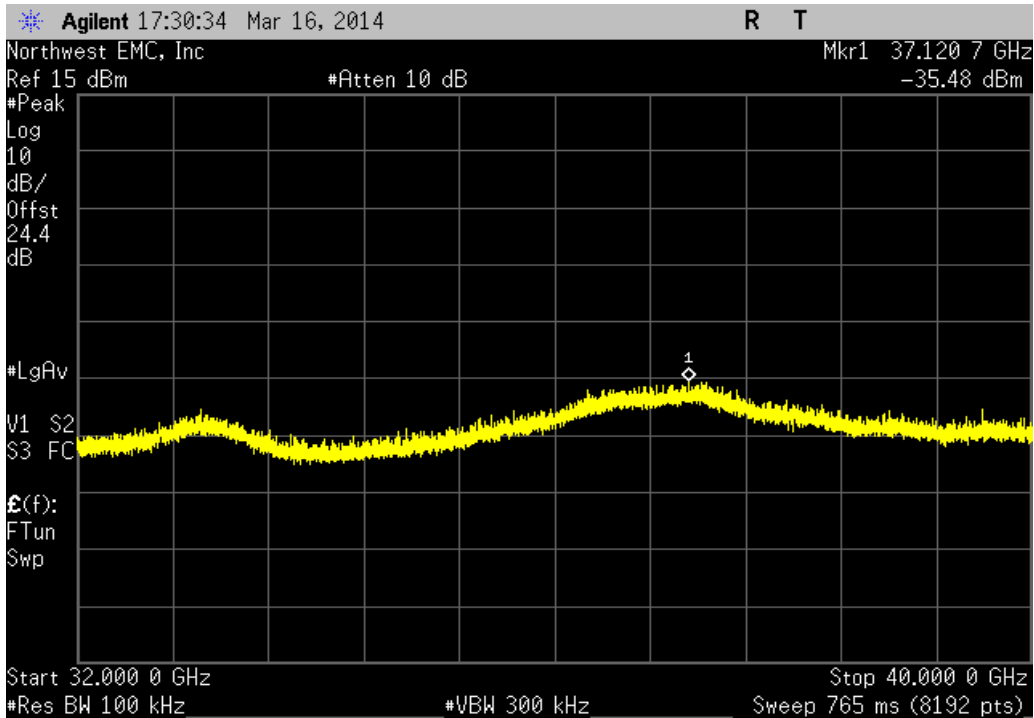
Result

32 GHz - 40 GHz

-34.41 dBc

≤ -20 dBc

Pass



A IEEE 802.11(n), 40 MHz, 5725 MHz - 5850 MHz Band, HT, MCS15, High Channel 157/161, 5795 MHz

Frequency

Range

Value

Limit

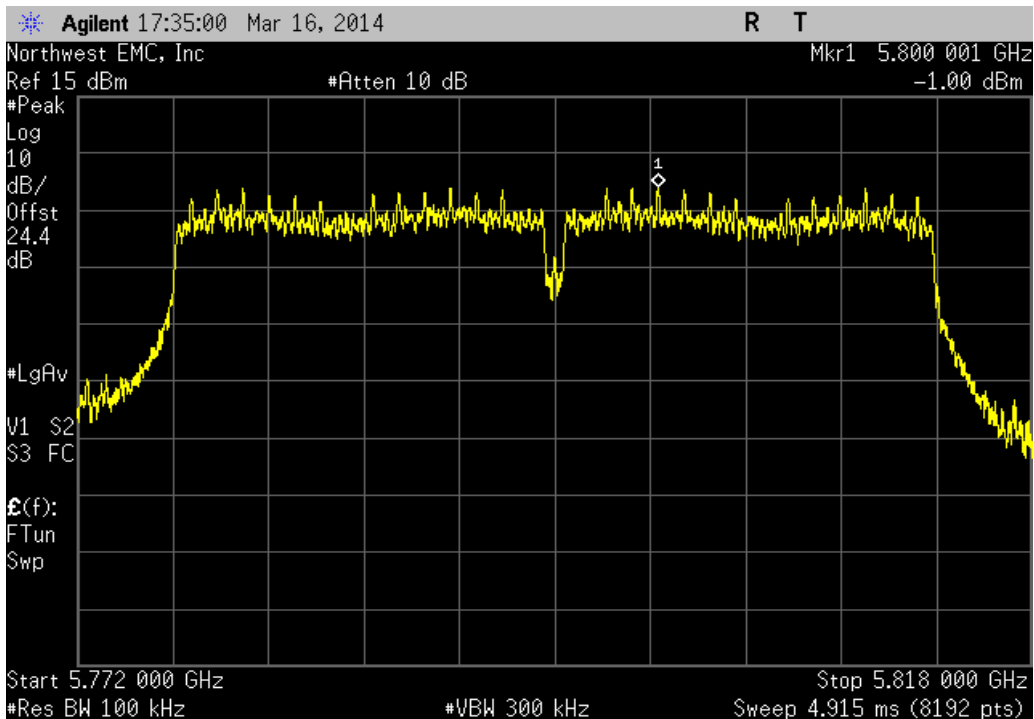
Result

Fundamental

N/A

N/A

N/A



A IEEE 802.11(n), 40 MHz, 5725 MHz - 5850 MHz Band, HT, MCS15, High Channel 157/161, 5795 MHz

**Frequency
Range**

Value

Limit

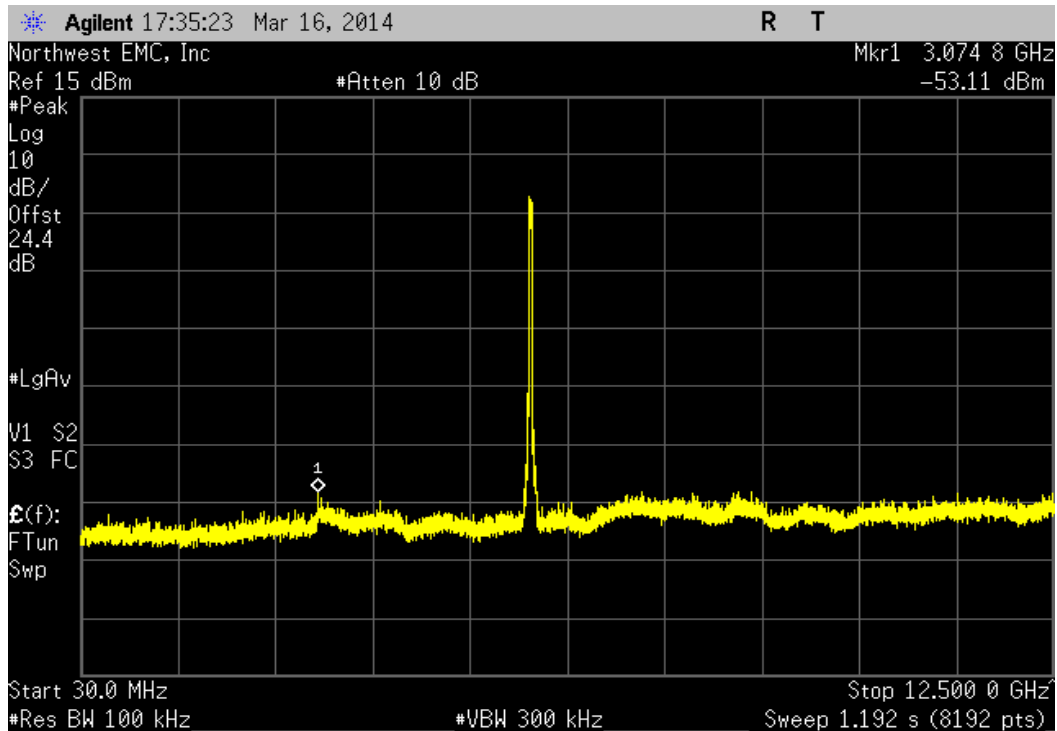
Result

30 MHz - 12.5 GHz

-52.11 dBc

≤ -20 dBc

Pass



A IEEE 802.11(n), 40 MHz, 5725 MHz - 5850 MHz Band, HT, MCS15, High Channel 157/161, 5795 MHz

**Frequency
Range**

Value

Limit

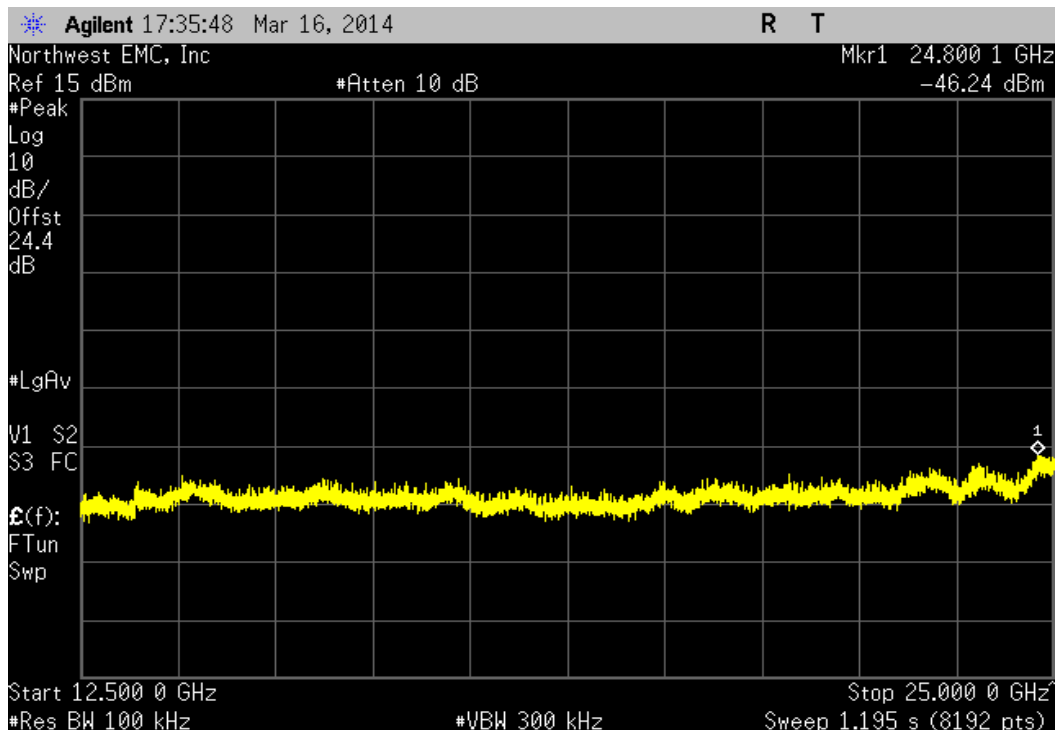
Result

12.5 GHz - 25 GHz

-45.24 dBc

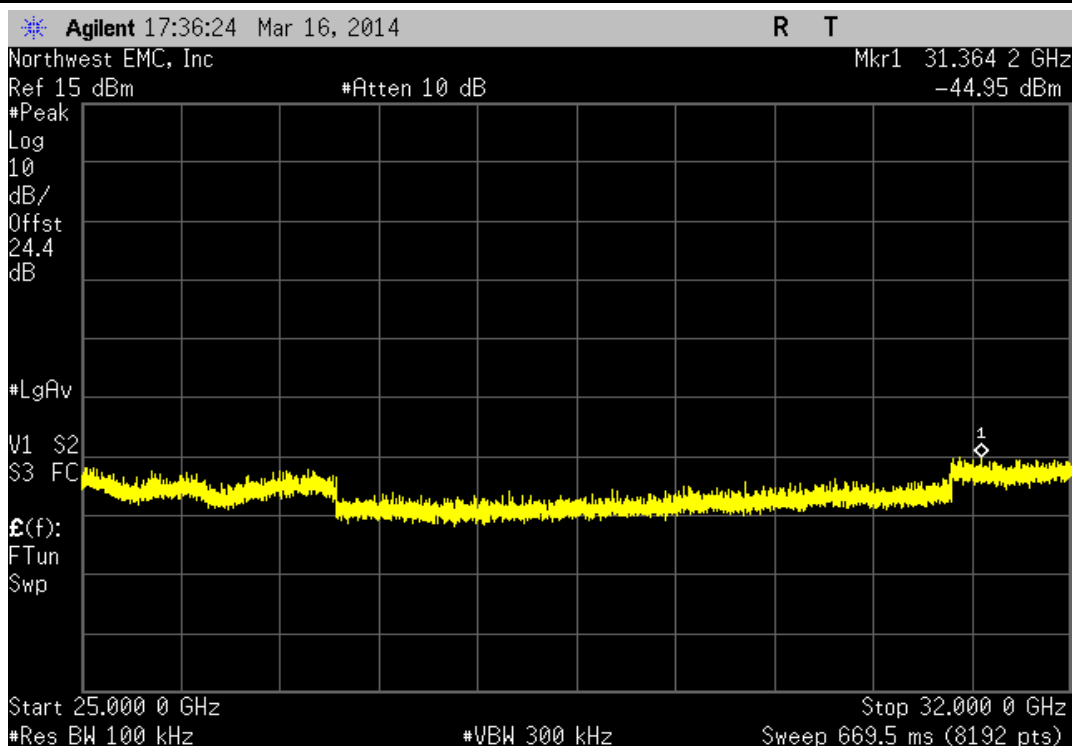
≤ -20 dBc

Pass



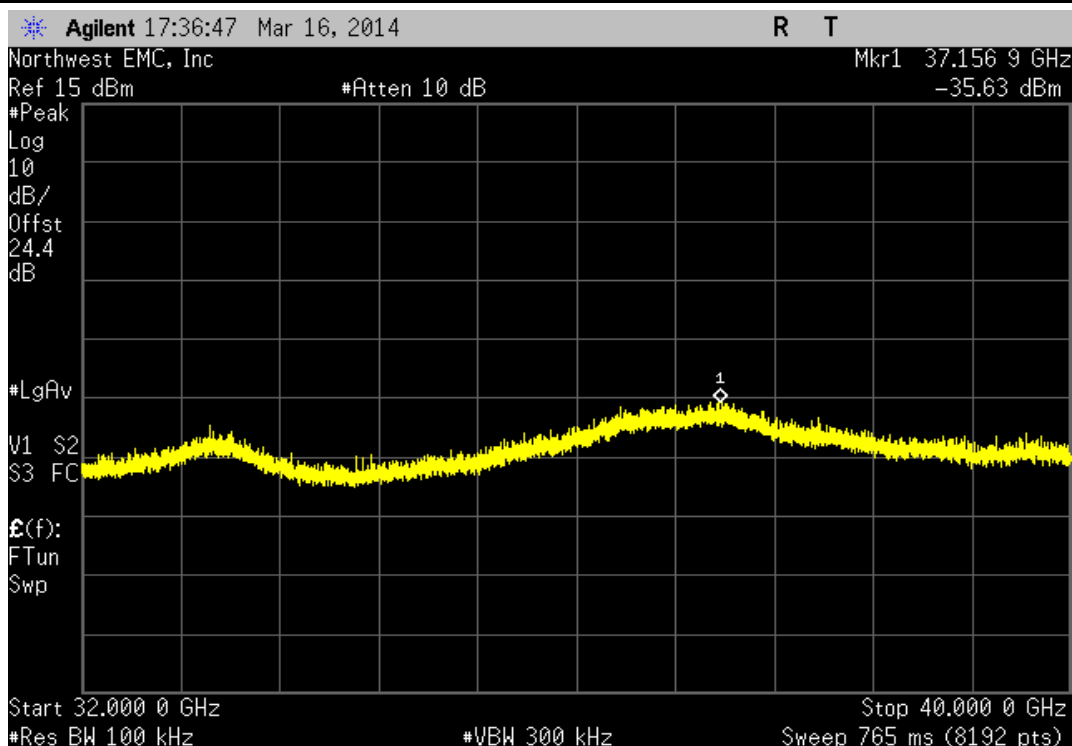
A IEEE 802.11(n), 40 MHz, 5725 MHz - 5850 MHz Band, HT, MCS15, High Channel 157/161, 5795 MHz

Frequency Range	Value	Limit	Result
25 GHz - 32 GHz	-43.95 dBc	≤ -20 dBc	Pass



A IEEE 802.11(n), 40 MHz, 5725 MHz - 5850 MHz Band, HT, MCS15, High Channel 157/161, 5795 MHz

Frequency Range	Value	Limit	Result
32 GHz - 40 GHz	-34.63 dBc	≤ -20 dBc	Pass



A IEEE 802.11(ac), 20 MHz, 5725 MHz - 5850 MHz Band, VHT, MCS0, Low Channel 149, 5745 MHz

**Frequency
Range**

Value

Limit

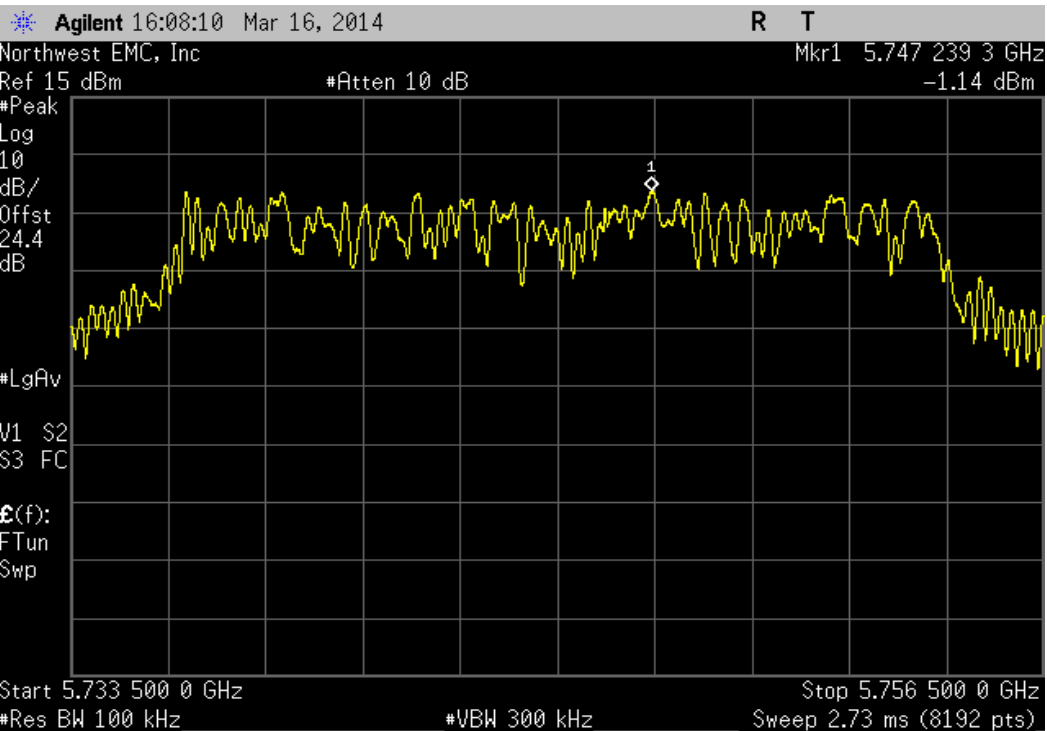
Result

Fundamental

N/A

N/A

N/A



A IEEE 802.11(ac), 20 MHz, 5725 MHz - 5850 MHz Band, VHT, MCS0, Low Channel 149, 5745 MHz

**Frequency
Range**

Value

Limit

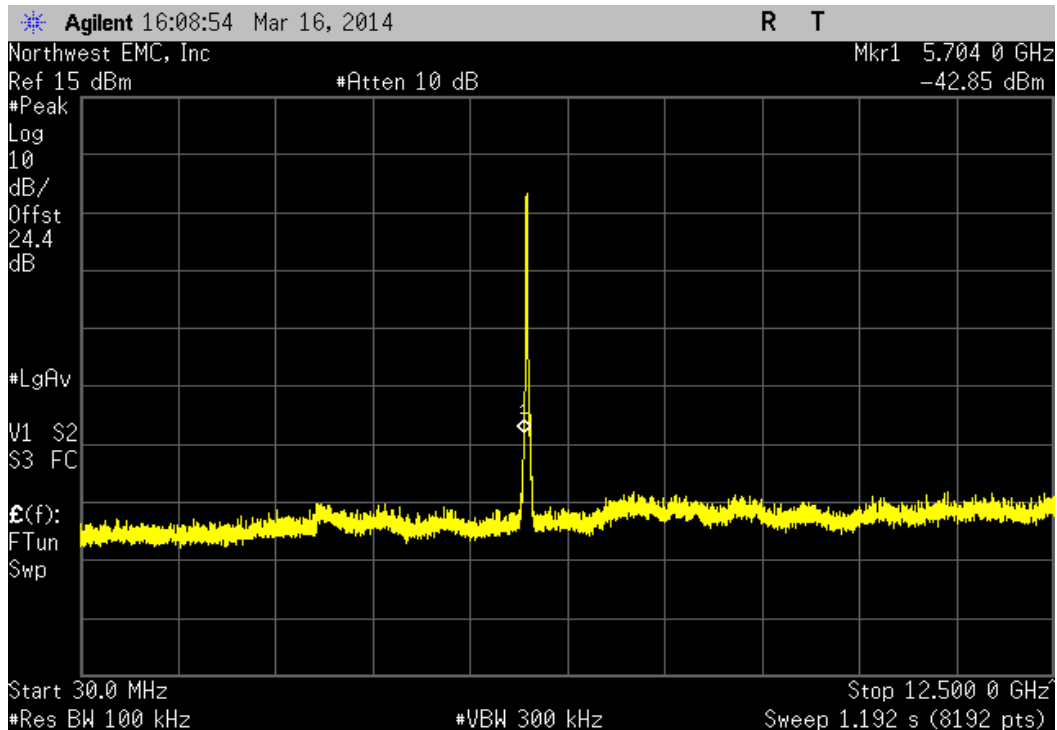
Result

30 MHz - 12.5 GHz

-41.71 dBc

≤ -20 dBc

Pass



A IEEE 802.11(ac), 20 MHz, 5725 MHz - 5850 MHz Band, VHT, MCS0, Low Channel 149, 5745 MHz

Frequency

Value

Limit

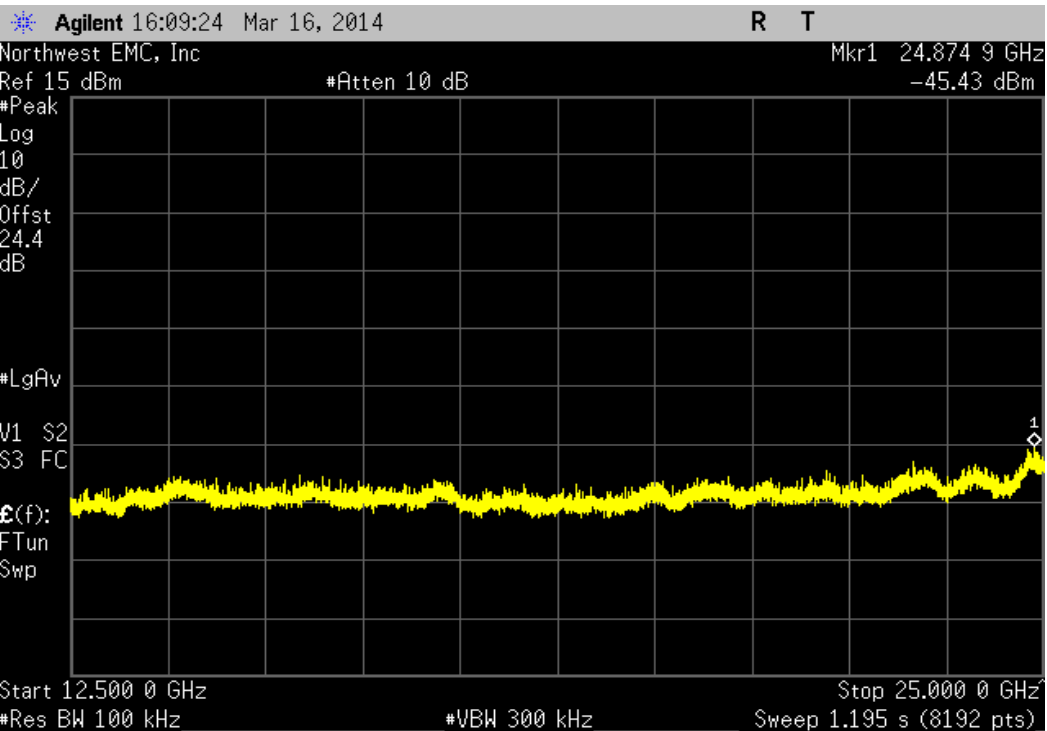
Result

12.5 GHz - 25 GHz

-44.29 dBc

≤ -20 dBc

Pass



A IEEE 802.11(ac), 20 MHz, 5725 MHz - 5850 MHz Band, VHT, MCS0, Low Channel 149, 5745 MHz

Frequency

Value

Limit

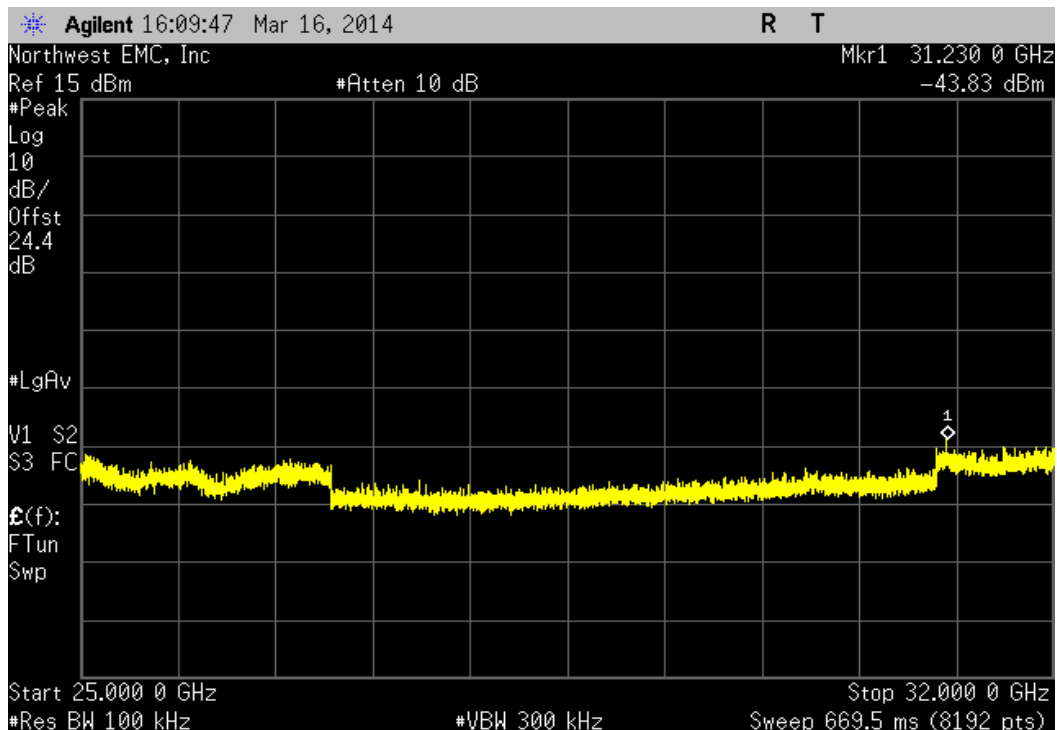
Result

25 GHz - 32 GHz

-42.69 dBc

≤ -20 dBc

Pass



A IEEE 802.11(ac), 20 MHz, 5725 MHz - 5850 MHz Band, VHT, MCS0, Low Channel 149, 5745 MHz

Frequency

Range

Value

Limit

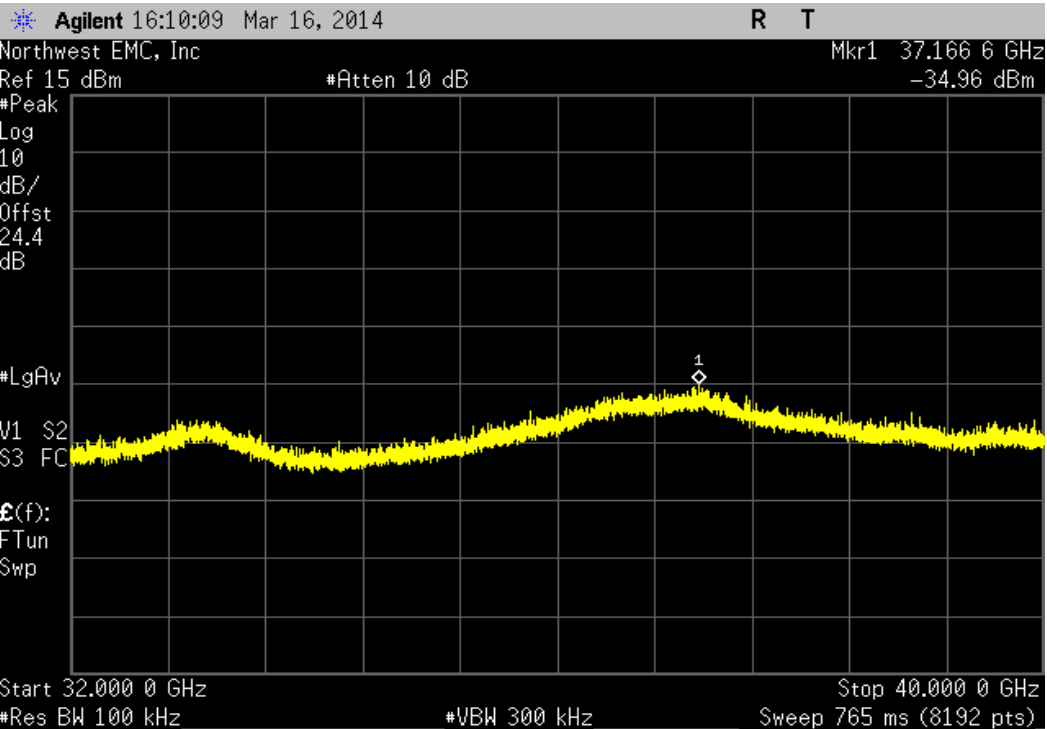
Result

32 GHz - 40 GHz

-33.82 dBc

≤ -20 dBc

Pass



A IEEE 802.11(ac), 20 MHz, 5725 MHz - 5850 MHz Band, VHT, MCS0, Mid Channel 157, 5785 MHz

Frequency

Range

Value

Limit

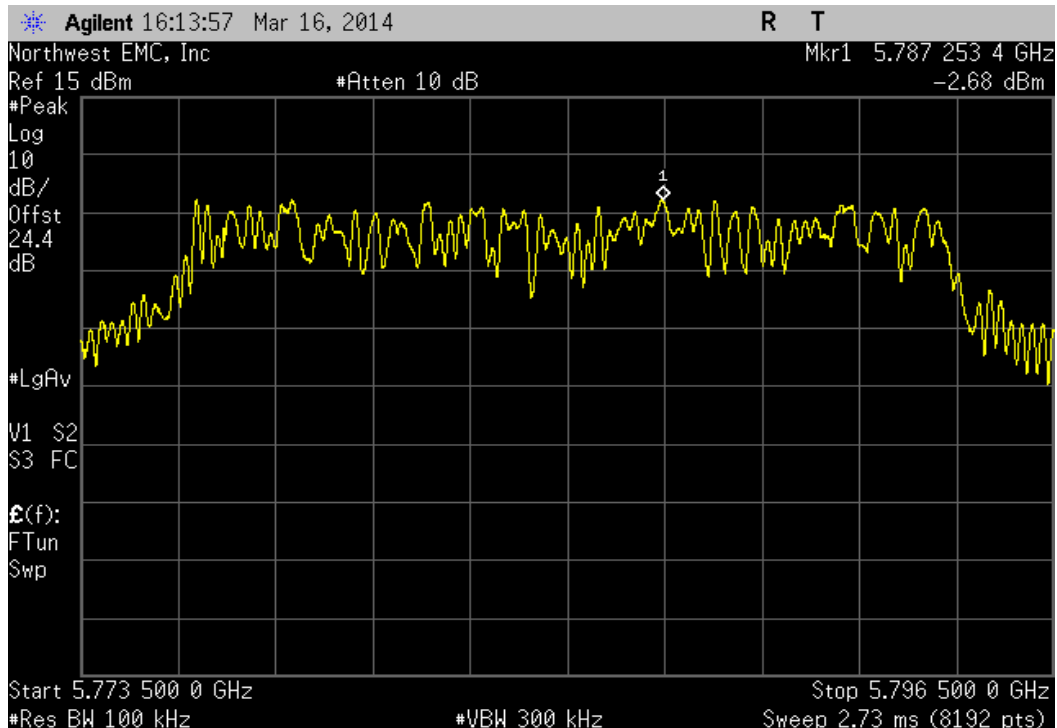
Result

Fundamental

N/A

N/A

N/A



A IEEE 802.11(ac), 20 MHz, 5725 MHz - 5850 MHz Band, VHT, MCS0, Mid Channel 157, 5785 MHz

**Frequency
Range**

Value

Limit

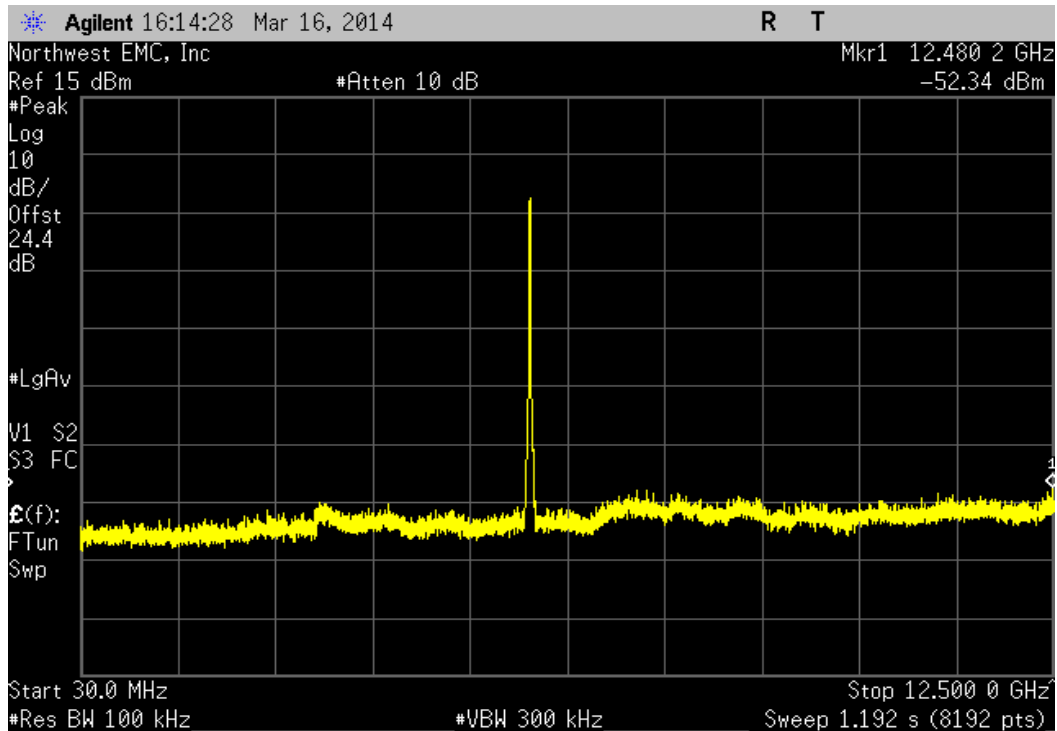
Result

30 MHz - 12.5 GHz

-49.66 dBc

≤ -20 dBc

Pass



A IEEE 802.11(ac), 20 MHz, 5725 MHz - 5850 MHz Band, VHT, MCS0, Mid Channel 157, 5785 MHz

**Frequency
Range**

Value

Limit

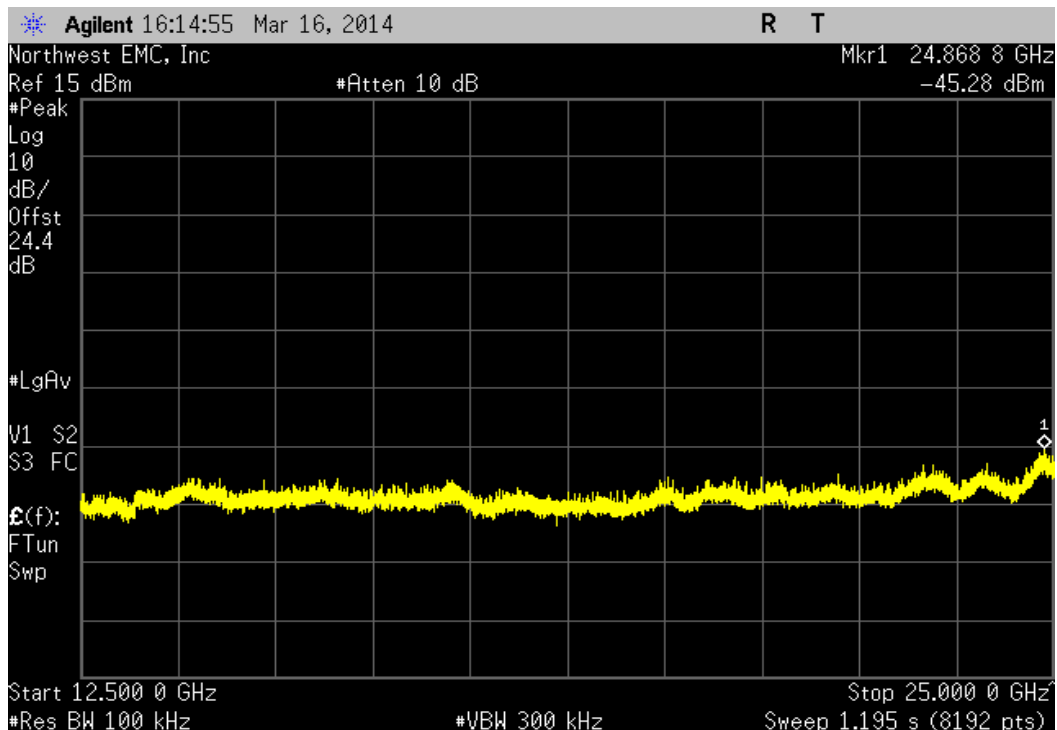
Result

12.5 GHz - 25 GHz

-42.6 dBc

≤ -20 dBc

Pass



A IEEE 802.11(ac), 20 MHz, 5725 MHz - 5850 MHz Band, VHT, MCS0, Mid Channel 157, 5785 MHz

Frequency

Value

Limit

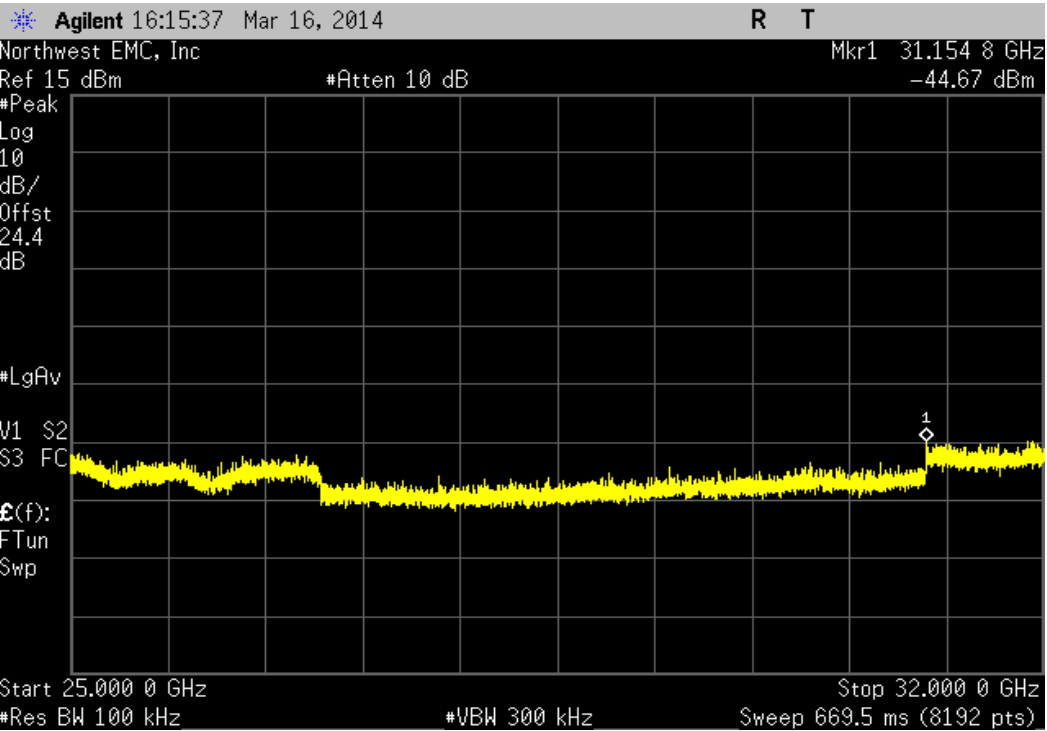
Result

25 GHz - 32 GHz

-41.99 dBc

≤ -20 dBc

Pass



A IEEE 802.11(ac), 20 MHz, 5725 MHz - 5850 MHz Band, VHT, MCS0, Mid Channel 157, 5785 MHz

Frequency

Value

Limit

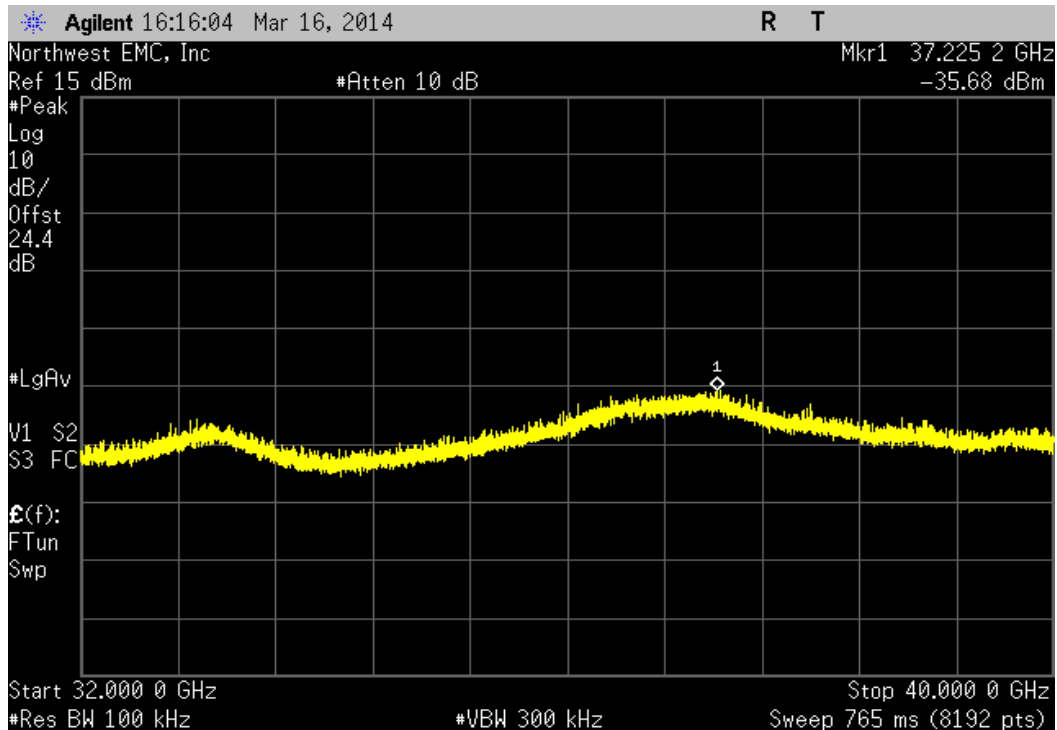
Result

32 GHz - 40 GHz

-33 dBc

≤ -20 dBc

Pass



A IEEE 802.11(ac), 20 MHz, 5725 MHz - 5850 MHz Band, VHT, MCS0, High Channel 165, 5825 MHz

**Frequency
Range**

Value

Limit

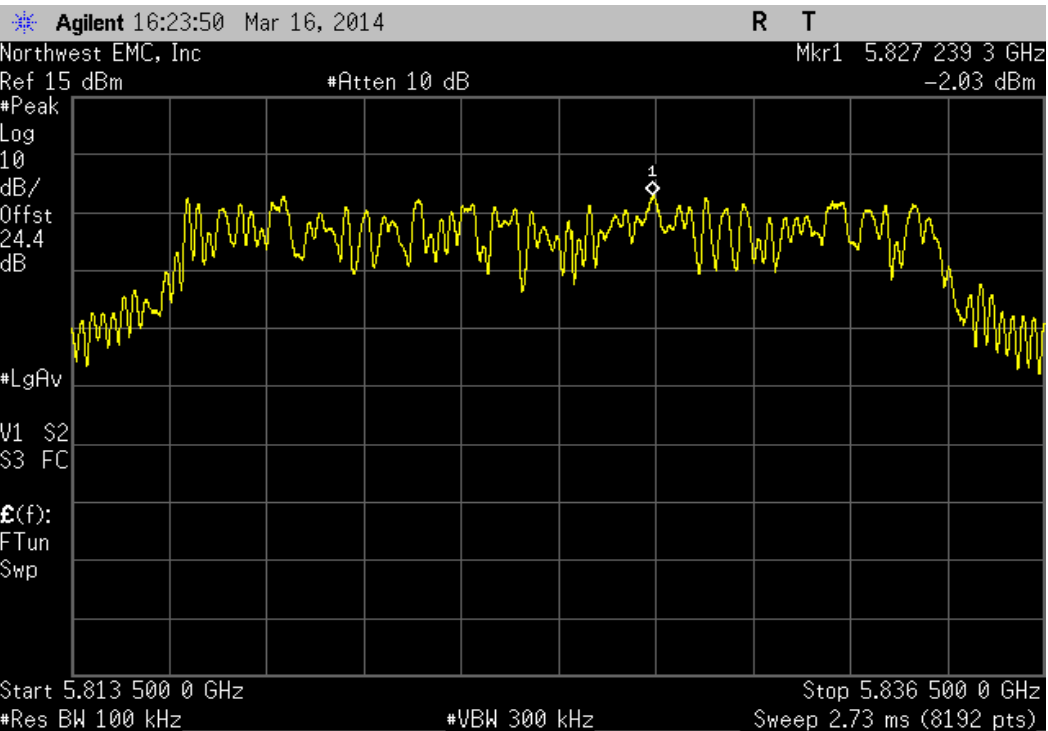
Result

Fundamental

N/A

N/A

N/A



A IEEE 802.11(ac), 20 MHz, 5725 MHz - 5850 MHz Band, VHT, MCS0, High Channel 165, 5825 MHz

**Frequency
Range**

Value

Limit

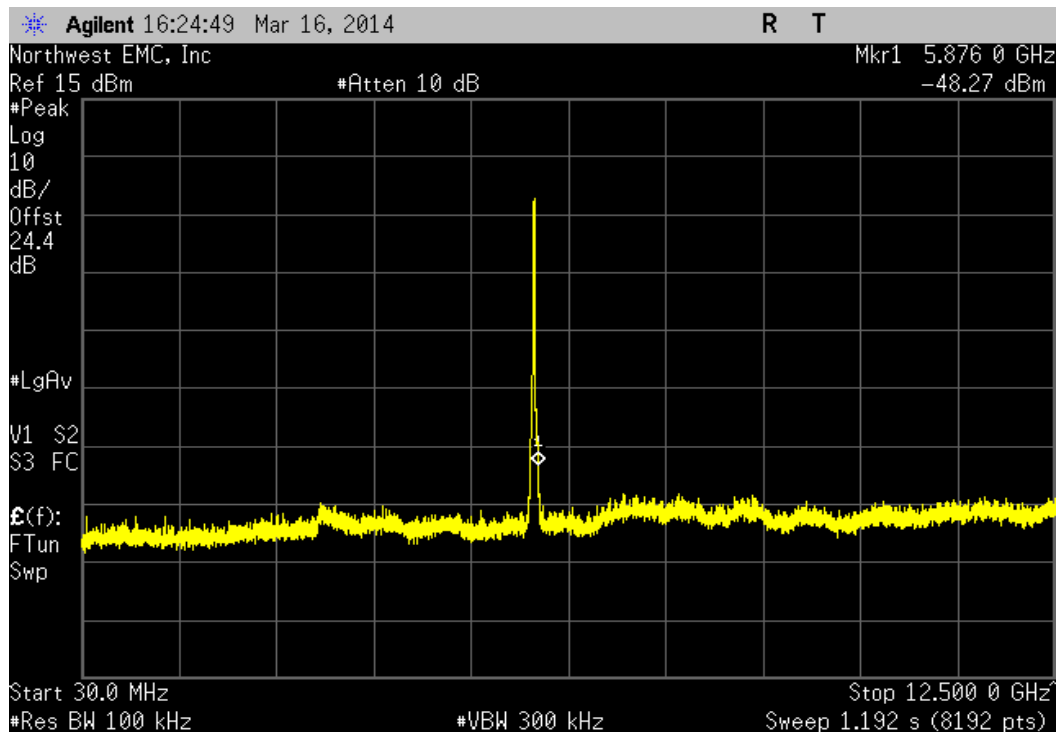
Result

30 MHz - 12.5 GHz

-46.24 dBc

≤ -20 dBc

Pass



A IEEE 802.11(ac), 20 MHz, 5725 MHz - 5850 MHz Band, VHT, MCS0, High Channel 165, 5825 MHz

Frequency

Range

Value

Limit

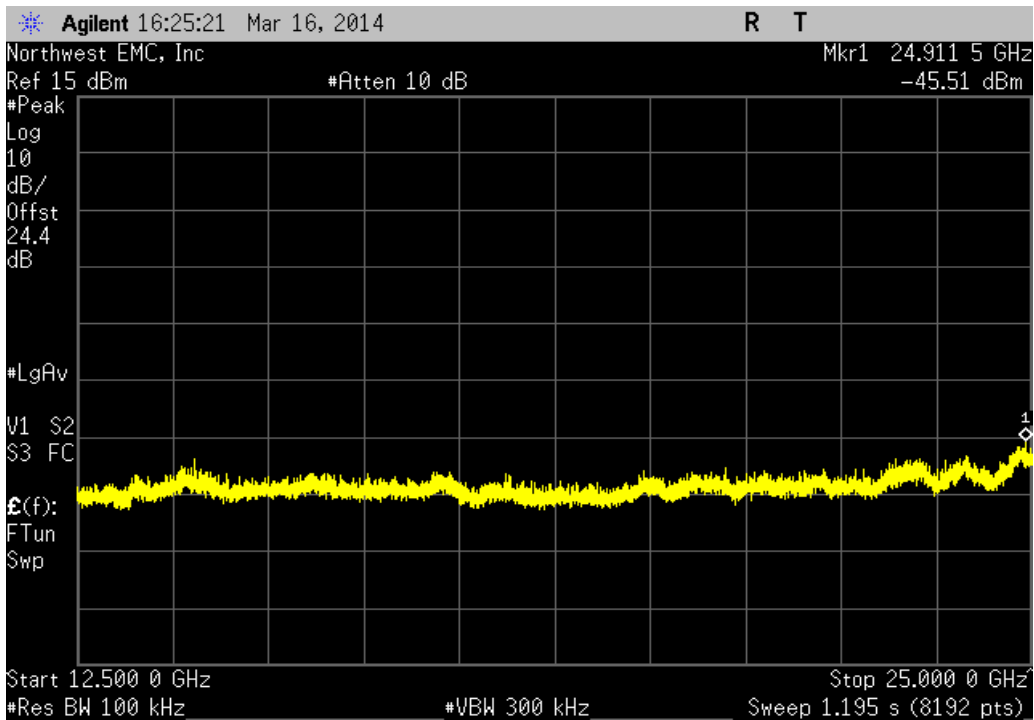
Result

12.5 GHz - 25 GHz

-43.48 dBc

≤ -20 dBc

Pass



A IEEE 802.11(ac), 20 MHz, 5725 MHz - 5850 MHz Band, VHT, MCS0, High Channel 165, 5825 MHz

Frequency

Range

Value

Limit

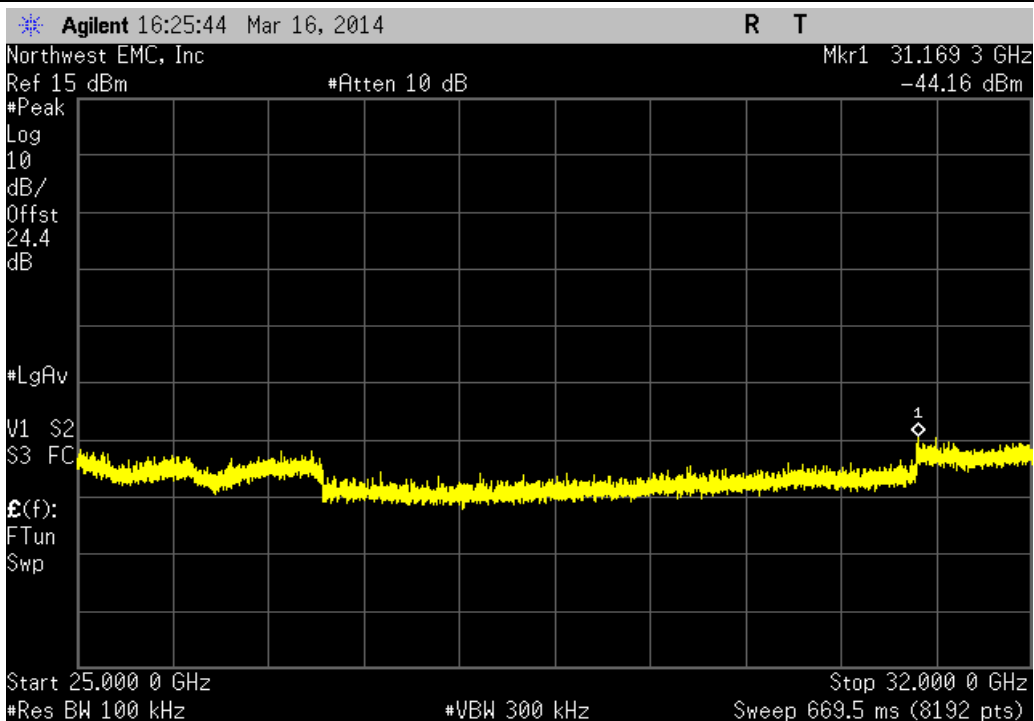
Result

25 GHz - 32 GHz

-42.13 dBc

≤ -20 dBc

Pass



A IEEE 802.11(ac), 20 MHz, 5725 MHz - 5850 MHz Band, VHT, MCS0, High Channel 165, 5825 MHz

Frequency

Range

Value

Limit

Result

32 GHz - 40 GHz

-33.37 dBc

≤ -20 dBc

Pass

Agilent 16:26:21 Mar 16, 2014

R T

Northwest EMC, Inc

Mkr1 37.001 6 GHz

Ref 15 dBm

#Atten 10 dB

-35.40 dBm

#Peak

Log

10

dB/

Offst

24.4

dB

#LgRv

V1 S2

S3 FC

Ⓔ(f):

FTun

Swp

Start 32.000 0 GHz

Stop 40.000 0 GHz

#Res BW 100 kHz

#VBW 300 kHz

Sweep 765 ms (8192 pts)

A IEEE 802.11(ac), 20 MHz, 5725 MHz - 5850 MHz Band, VHT, MCS8, Low Channel 149, 5745 MHz

Frequency

Range

Value

Limit

Result

Fundamental

N/A

N/A

N/A

Agilent 16:37:19 Mar 16, 2014

R T

Northwest EMC, Inc

Mkr1 5.747 496 5 GHz

Ref 15 dBm

#Atten 10 dB

1.90 dBm

#Peak

Log

10

dB/

Offst

24.4

dB

#LgRv

V1 S2

S3 FC

Ⓔ(f):

FTun

Swp

Start 5.734 000 0 GHz

Stop 5.756 000 0 GHz

#Res BW 100 kHz

#VBW 300 kHz

Sweep 2.184 ms (8192 pts)

A IEEE 802.11(ac), 20 MHz, 5725 MHz - 5850 MHz Band, VHT, MCS8, Low Channel 149, 5745 MHz

Frequency

Value

Limit

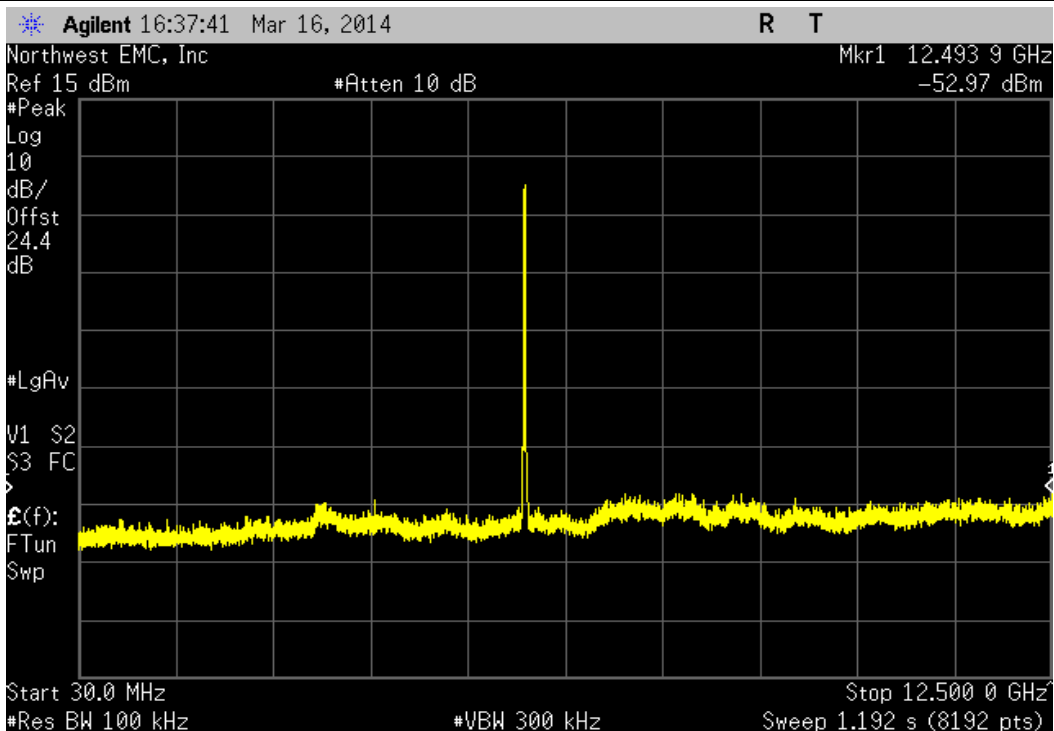
Result

30 MHz - 12.5 GHz

-54.88 dBc

≤ -20 dBc

Pass



A IEEE 802.11(ac), 20 MHz, 5725 MHz - 5850 MHz Band, VHT, MCS8, Low Channel 149, 5745 MHz

Frequency

Value

Limit

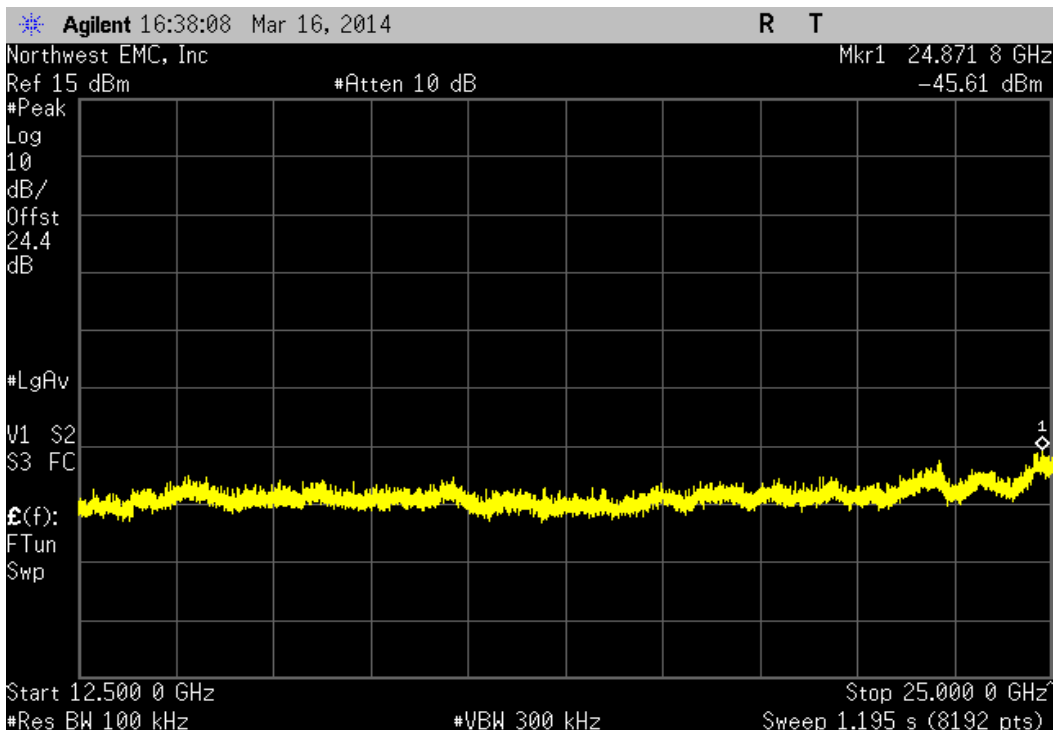
Result

12.5 GHz - 25 GHz

-47.52 dBc

≤ -20 dBc

Pass



A IEEE 802.11(ac), 20 MHz, 5725 MHz - 5850 MHz Band, VHT, MCS8, Low Channel 149, 5745 MHz

Frequency

Range

Value

Limit

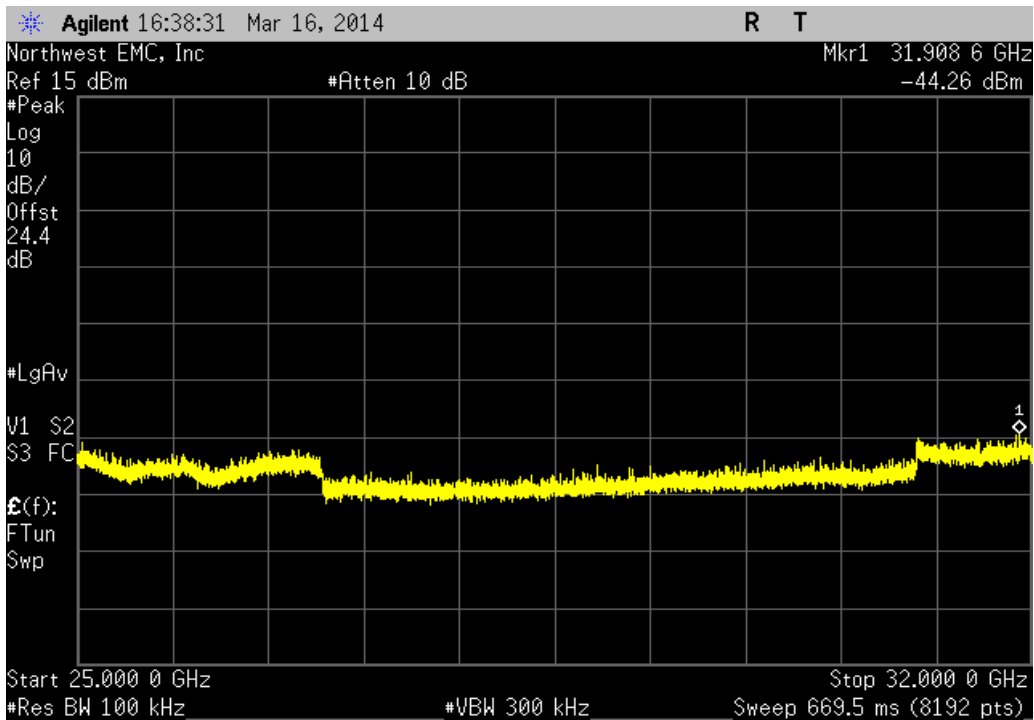
Result

25 GHz - 32 GHz

-46.17 dBc

≤ -20 dBc

Pass



A IEEE 802.11(ac), 20 MHz, 5725 MHz - 5850 MHz Band, VHT, MCS8, Low Channel 149, 5745 MHz

Frequency

Range

Value

Limit

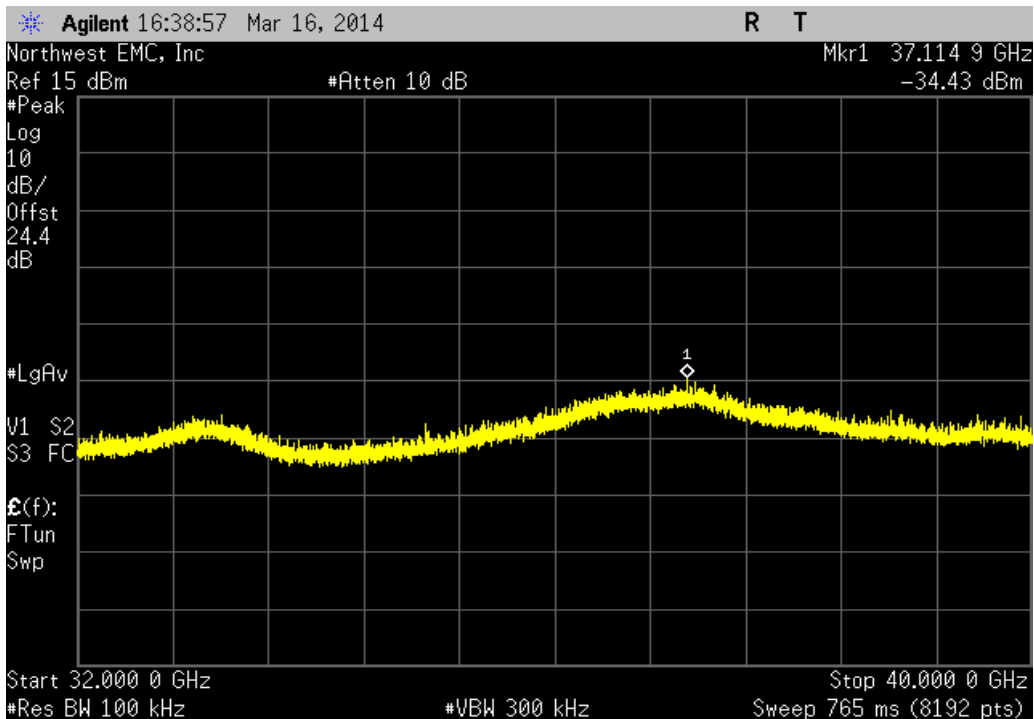
Result

32 GHz - 40 GHz

-36.34 dBc

≤ -20 dBc

Pass



A IEEE 802.11(ac), 20 MHz, 5725 MHz - 5850 MHz Band, VHT, MCS8, Mid Channel 157, 5785 MHz

Frequency

Range

Value

Limit

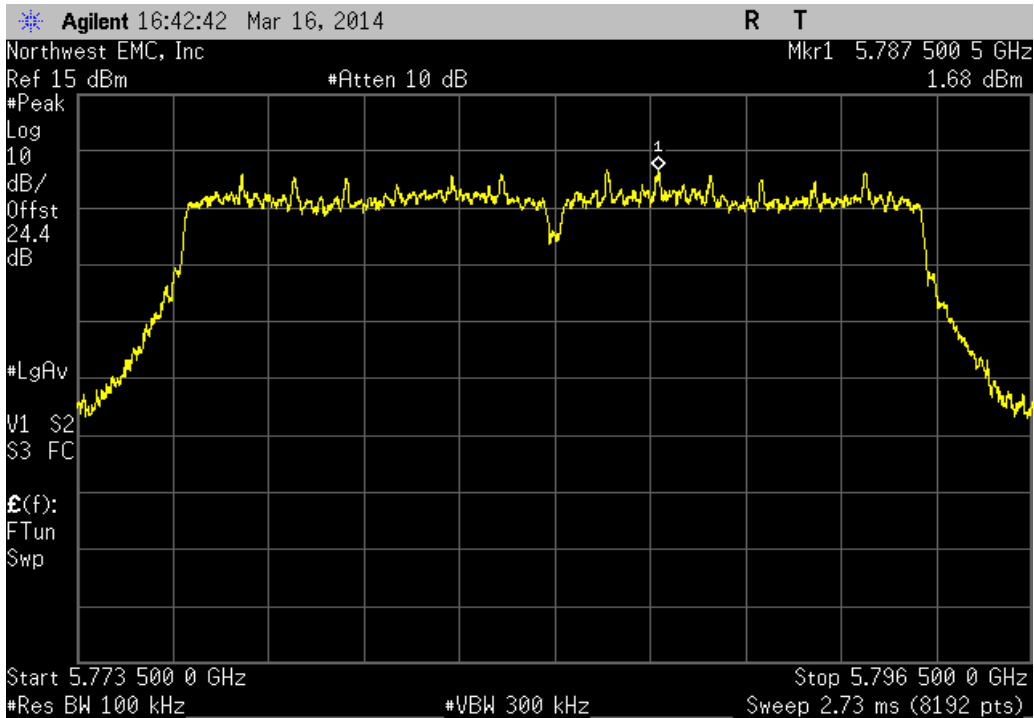
Result

Fundamental

N/A

N/A

N/A



A IEEE 802.11(ac), 20 MHz, 5725 MHz - 5850 MHz Band, VHT, MCS8, Mid Channel 157, 5785 MHz

Frequency

Range

Value

Limit

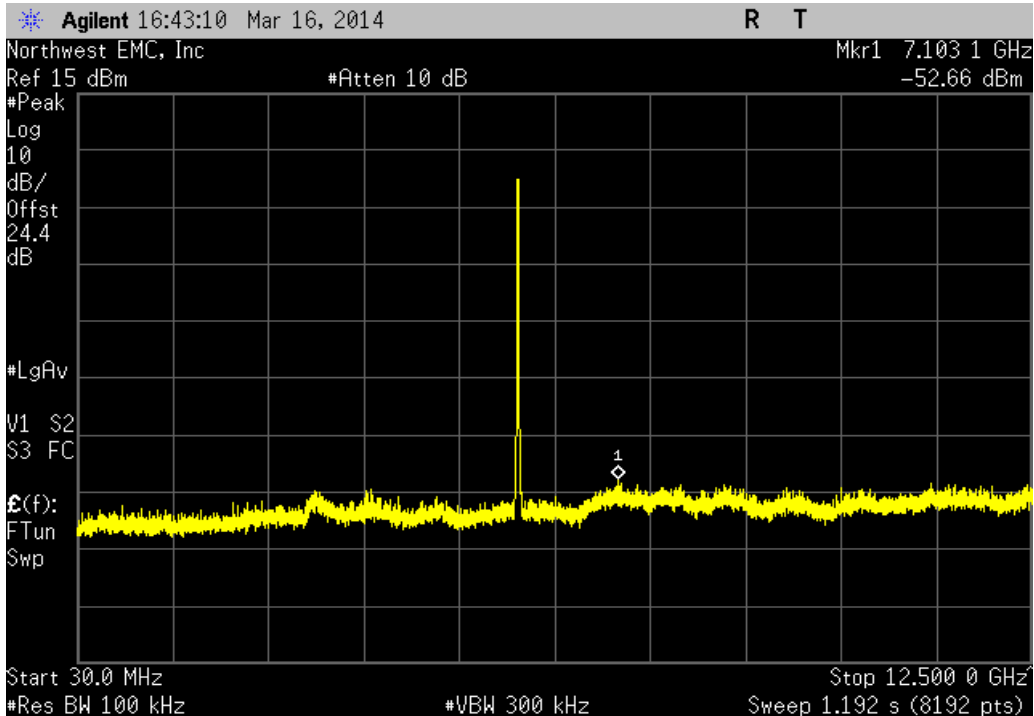
Result

30 MHz - 12.5 GHz

-54.34 dBc

≤ -20 dBc

Pass



A IEEE 802.11(ac), 20 MHz, 5725 MHz - 5850 MHz Band, VHT, MCS8, Mid Channel 157, 5785 MHz

Frequency

Value

Limit

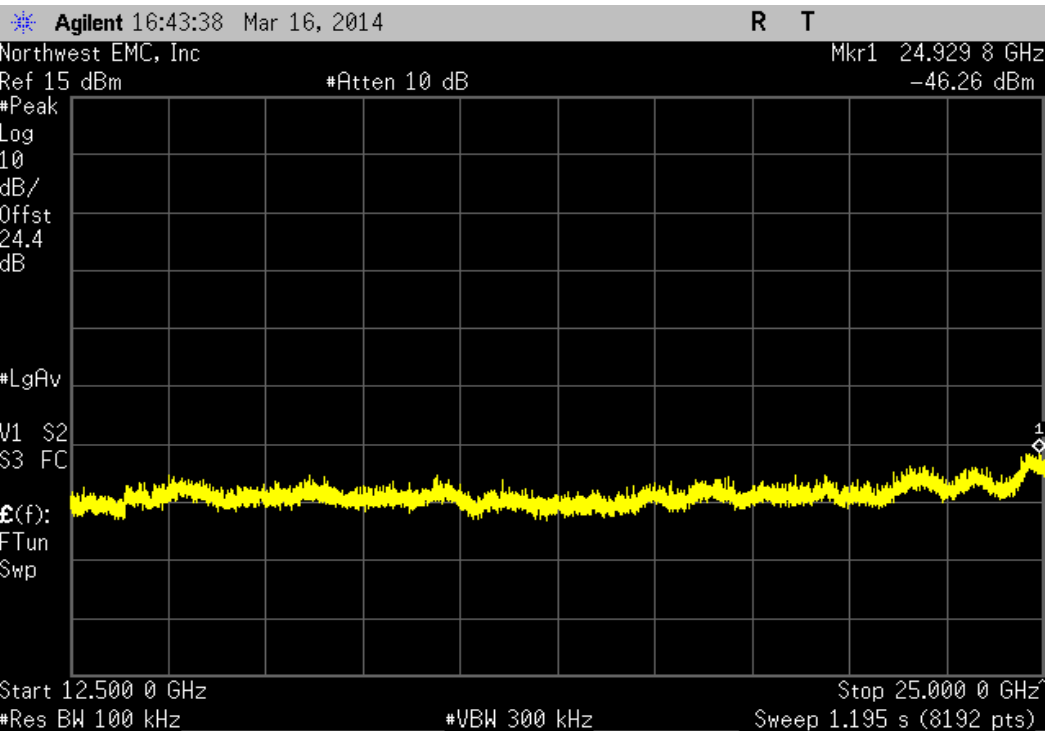
Result

12.5 GHz - 25 GHz

-47.94 dBc

≤ -20 dBc

Pass



A IEEE 802.11(ac), 20 MHz, 5725 MHz - 5850 MHz Band, VHT, MCS8, Mid Channel 157, 5785 MHz

Frequency

Value

Limit

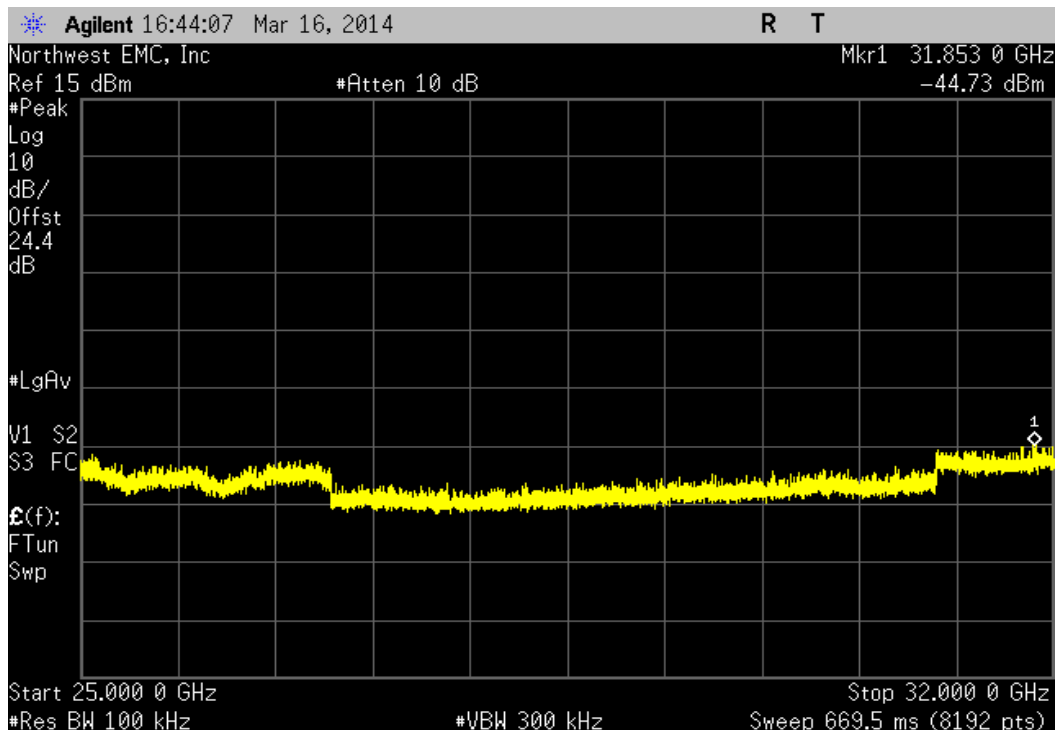
Result

25 GHz - 32 GHz

-46.41 dBc

≤ -20 dBc

Pass



A IEEE 802.11(ac), 20 MHz, 5725 MHz - 5850 MHz Band, VHT, MCS8, Mid Channel 157, 5785 MHz

Frequency

Range

Value

Limit

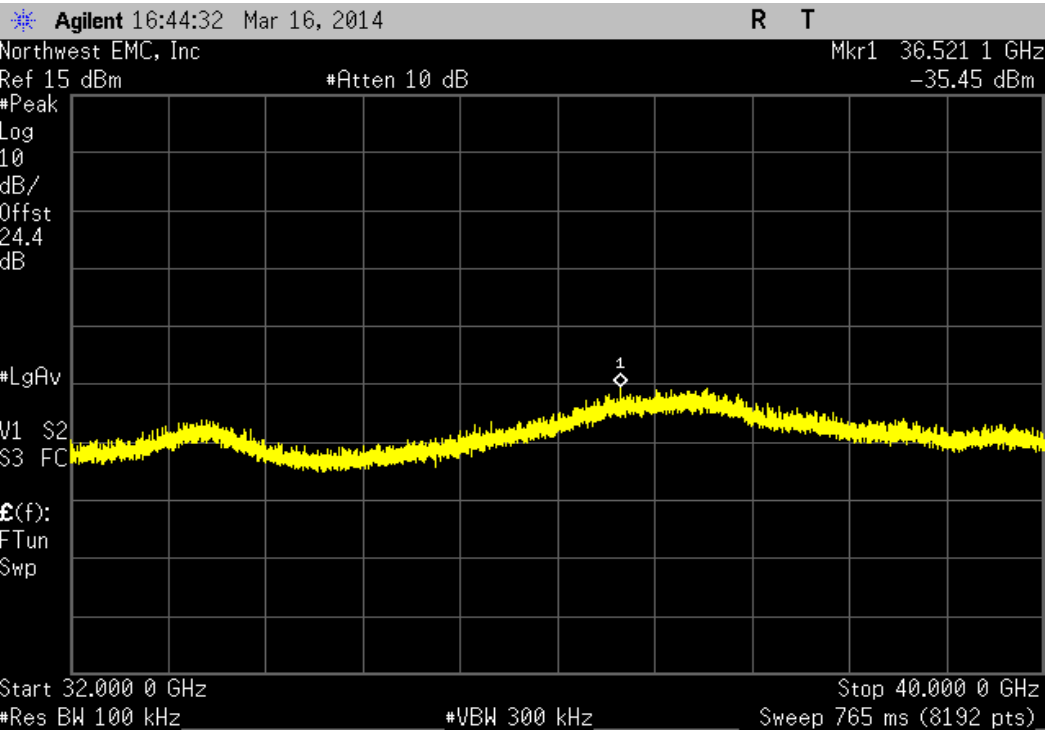
Result

32 GHz - 40 GHz

-37.13 dBc

≤ -20 dBc

Pass



A IEEE 802.11(ac), 20 MHz, 5725 MHz - 5850 MHz Band, VHT, MCS8, High Channel 165, 5825 MHz

Frequency

Range

Value

Limit

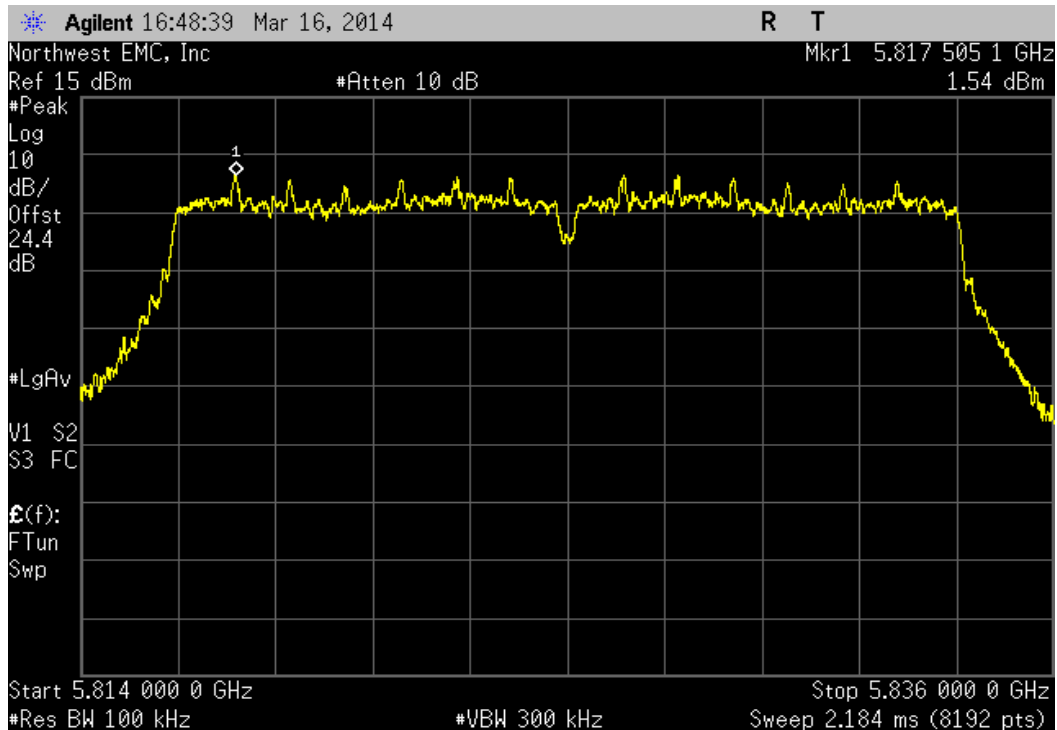
Result

Fundamental

N/A

N/A

N/A



A IEEE 802.11(ac), 20 MHz, 5725 MHz - 5850 MHz Band, VHT, MCS8, High Channel 165, 5825 MHz

**Frequency
Range**

Value

Limit

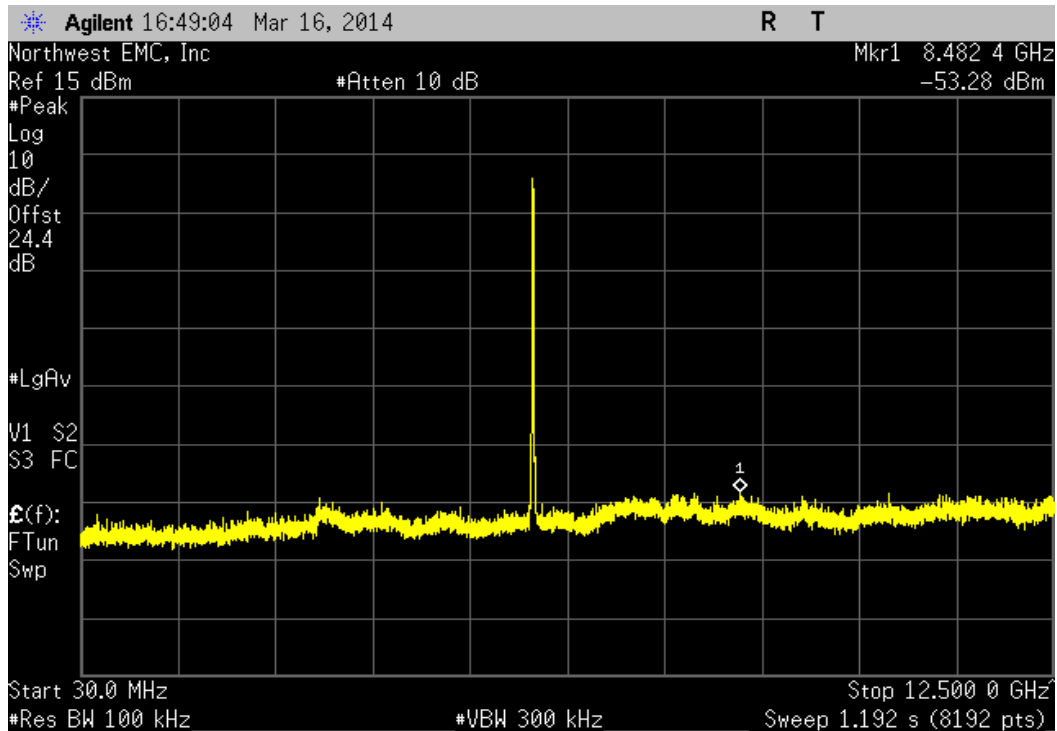
Result

30 MHz - 12.5 GHz

-54.82 dBc

≤ -20 dBc

Pass



A IEEE 802.11(ac), 20 MHz, 5725 MHz - 5850 MHz Band, VHT, MCS8, High Channel 165, 5825 MHz

**Frequency
Range**

Value

Limit

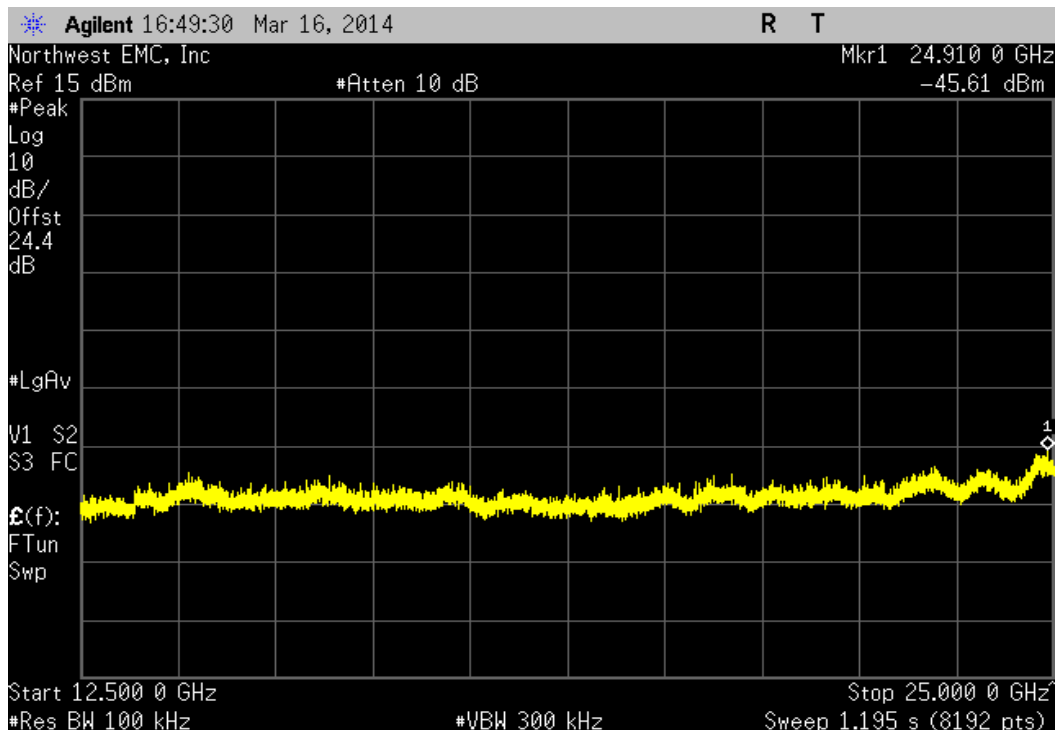
Result

12.5 GHz - 25 GHz

-47.15 dBc

≤ -20 dBc

Pass



A IEEE 802.11(ac), 20 MHz, 5725 MHz - 5850 MHz Band, VHT, MCS8, High Channel 165, 5825 MHz

Frequency

Value

Limit

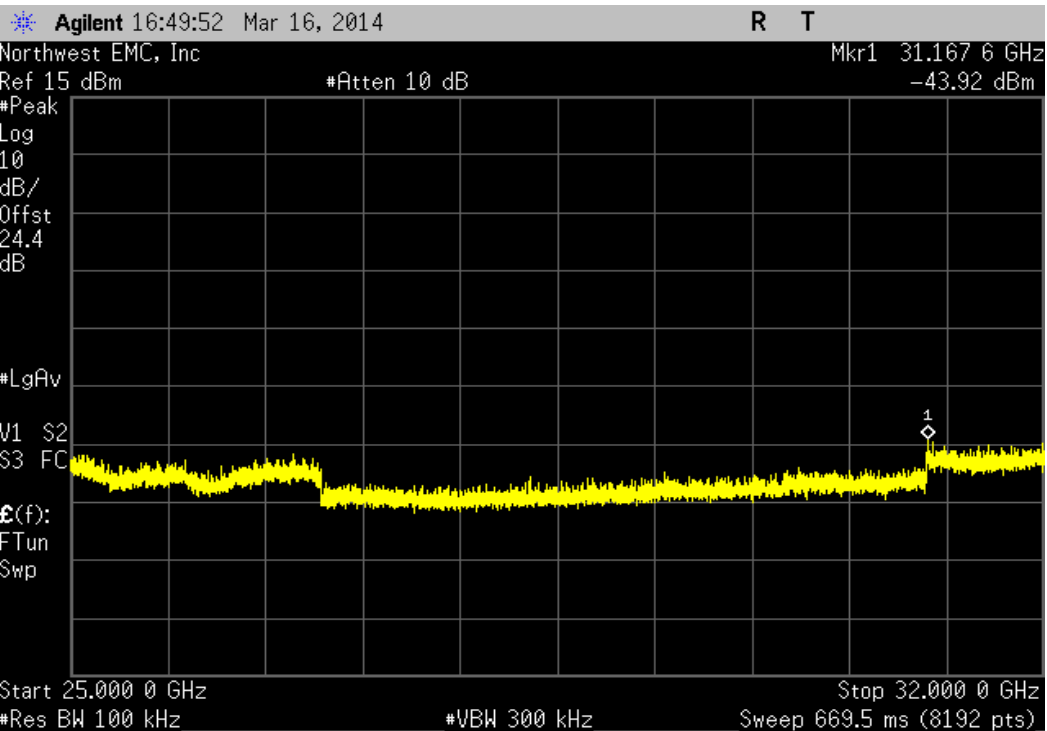
Result

25 GHz - 32 GHz

-45.46 dBc

≤ -20 dBc

Pass



A IEEE 802.11(ac), 20 MHz, 5725 MHz - 5850 MHz Band, VHT, MCS8, High Channel 165, 5825 MHz

Frequency

Value

Limit

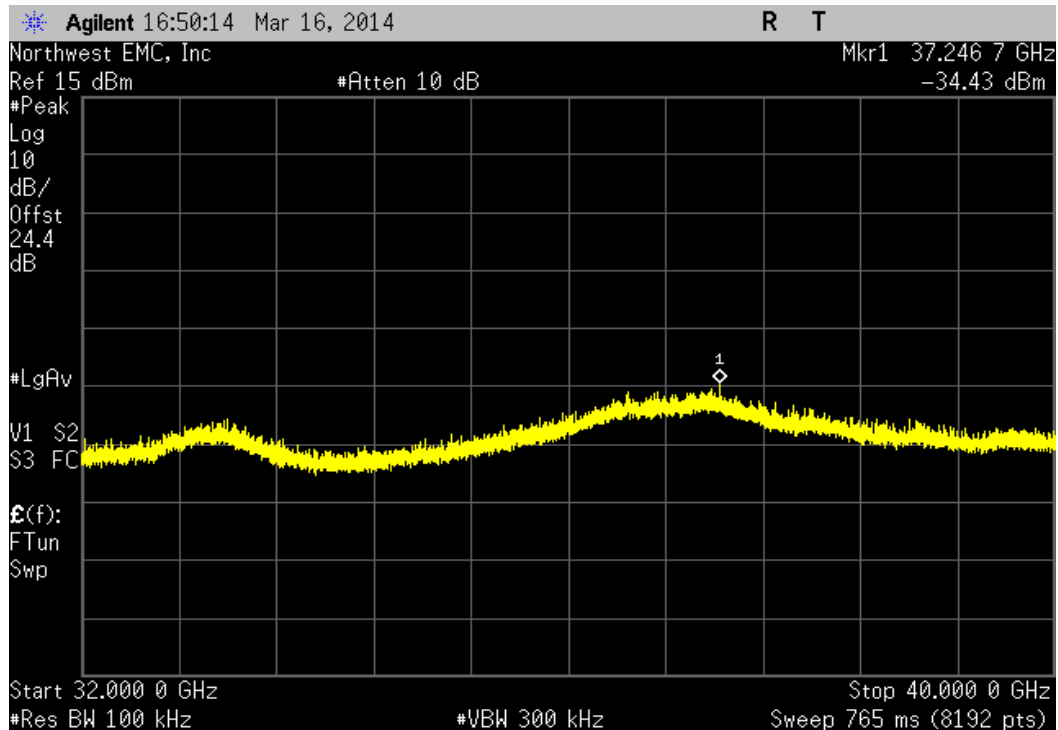
Result

32 GHz - 40 GHz

-35.97 dBc

≤ -20 dBc

Pass



A IEEE 802.11(ac), 40 MHz, 5725 MHz - 5850 MHz Band, VHT, MCS0, Low Channel 149/153, 5755 MHz

Frequency
Range

Value

Limit

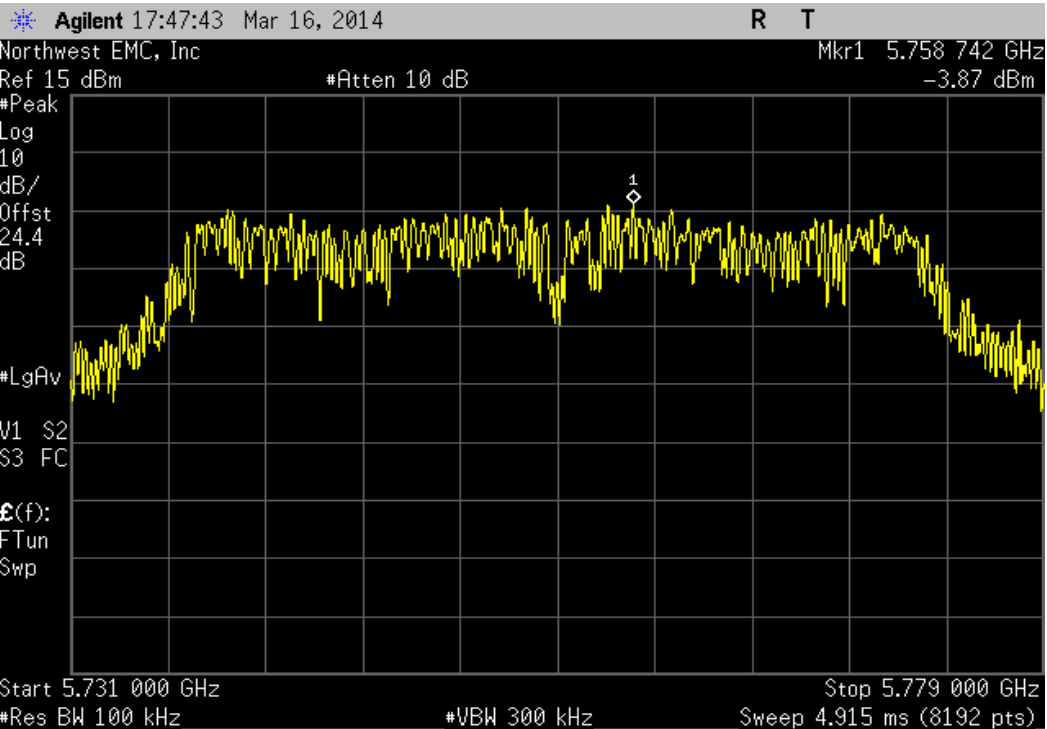
Result

Fundamental

N/A

N/A

N/A



A IEEE 802.11(ac), 40 MHz, 5725 MHz - 5850 MHz Band, VHT, MCS0, Low Channel 149/153, 5755 MHz

Frequency
Range

Value

Limit

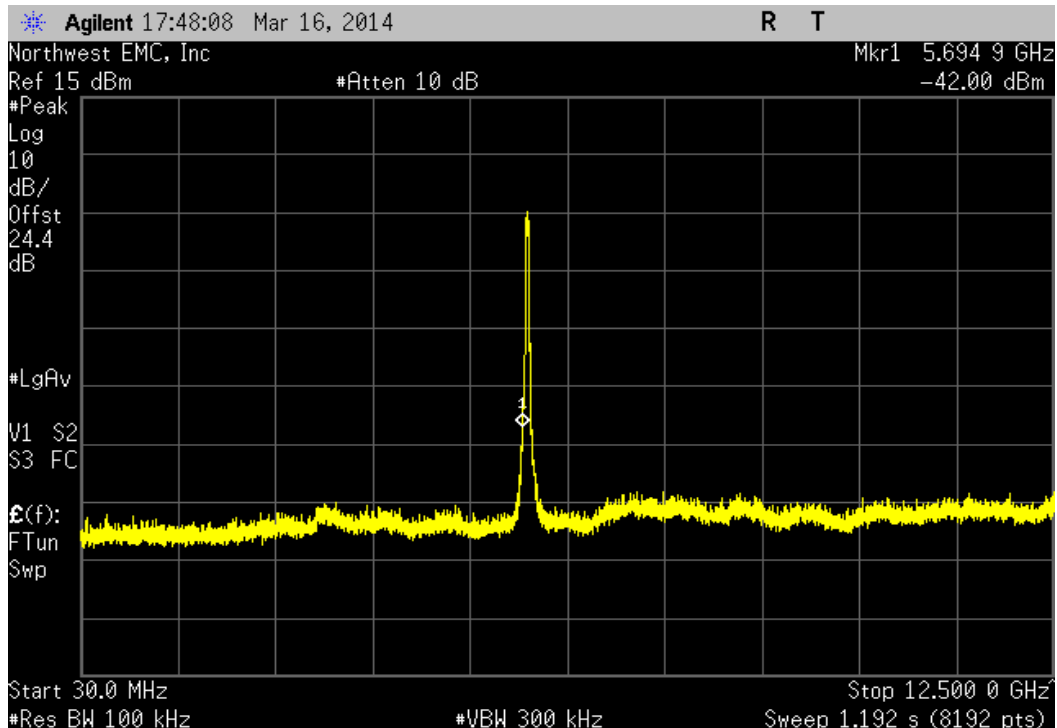
Result

30 MHz - 12.5 GHz

-38.13 dBc

≤ -20 dBc

Pass



A IEEE 802.11(ac), 40 MHz, 5725 MHz - 5850 MHz Band, VHT, MCS0, Low Channel 149/153, 5755 MHz

Frequency

Range

Value

Limit

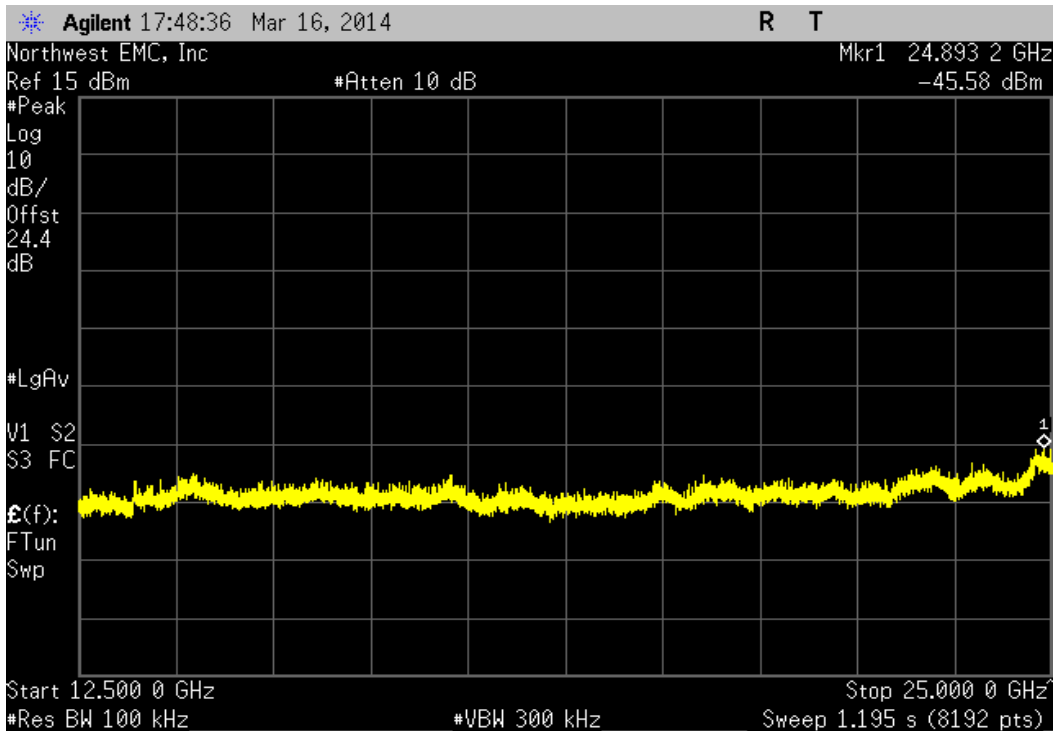
Result

12.5 GHz - 25 GHz

-41.71 dBc

≤ -20 dBc

Pass



A IEEE 802.11(ac), 40 MHz, 5725 MHz - 5850 MHz Band, VHT, MCS0, Low Channel 149/153, 5755 MHz

Frequency

Range

Value

Limit

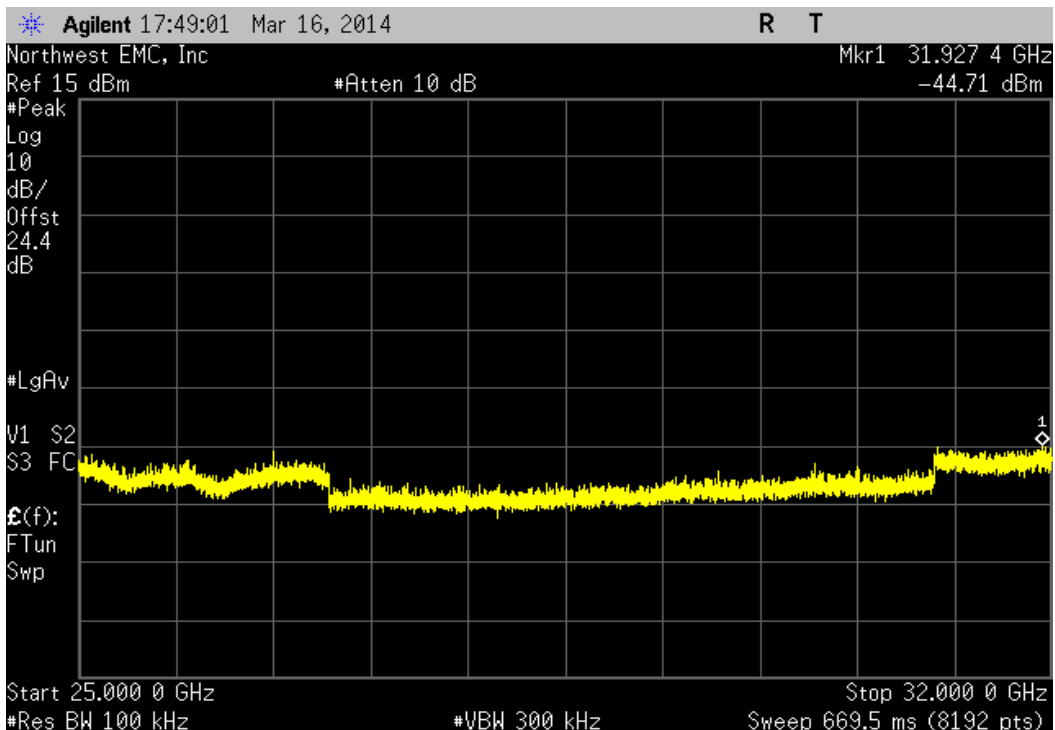
Result

25 GHz - 32 GHz

-40.84 dBc

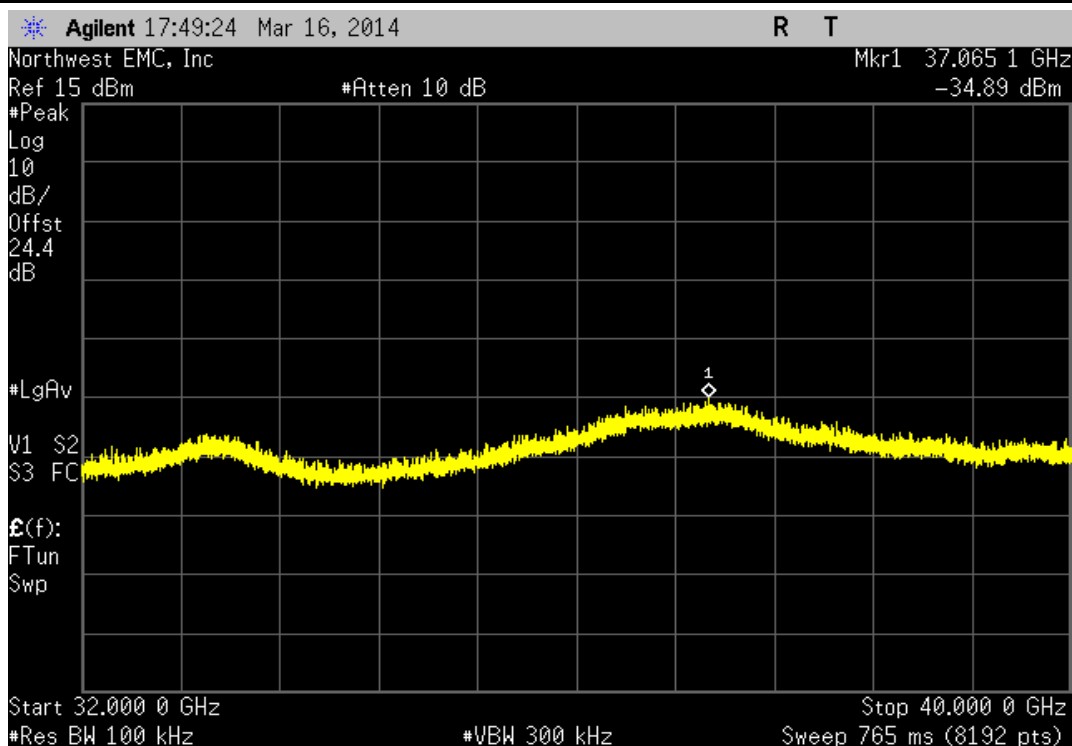
≤ -20 dBc

Pass



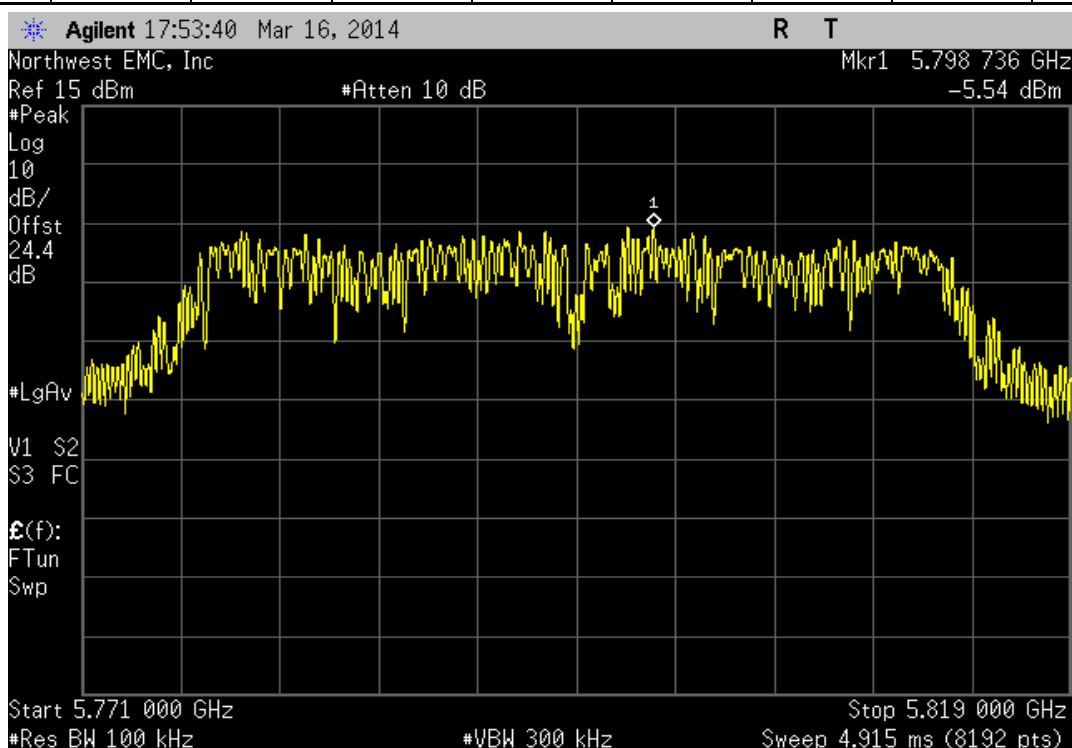
A IEEE 802.11(ac), 40 MHz, 5725 MHz - 5850 MHz Band, VHT, MCS0, Low Channel 149/153, 5755 MHz

Frequency Range	Value	Limit	Result
32 GHz - 40 GHz	-31.02 dBc	≤ -20 dBc	Pass



A IEEE 802.11(ac), 40 MHz, 5725 MHz - 5850 MHz Band, VHT, MCS0, High Channel 157/161, 5795 MHz

Frequency Range	Value	Limit	Result
Fundamental	N/A	N/A	N/A



A IEEE 802.11(ac), 40 MHz, 5725 MHz - 5850 MHz Band, VHT, MCS0, High Channel 157/161, 5795 MHz

Frequency

Value

Limit

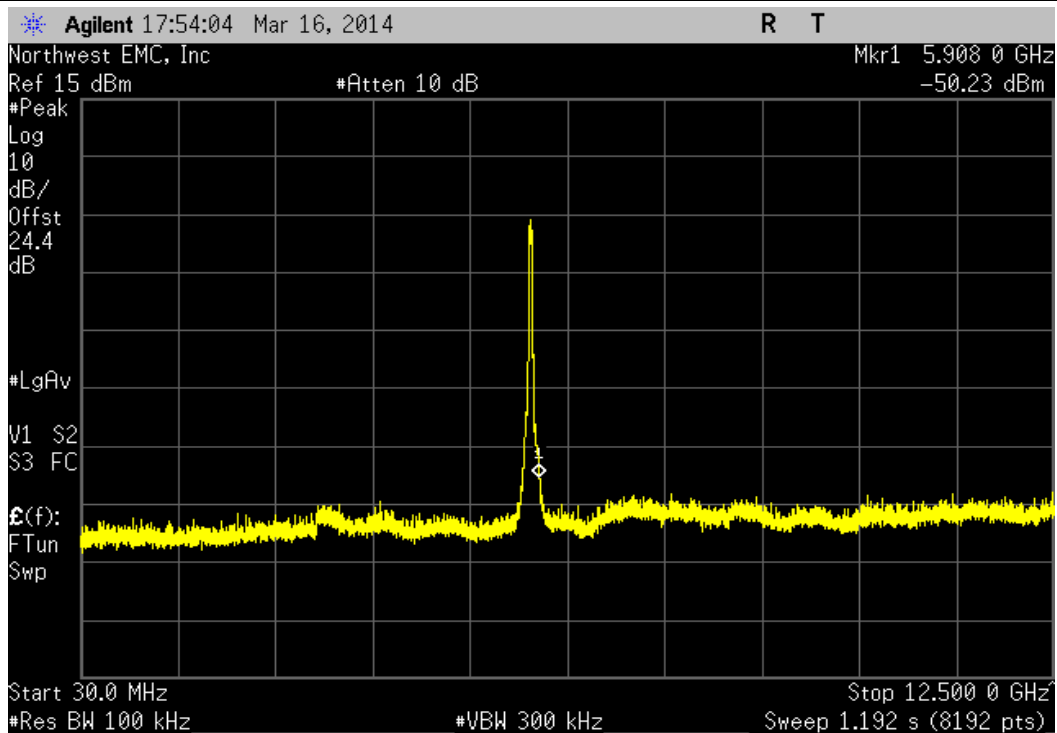
Result

30 MHz - 12.5 GHz

-44.69 dBc

≤ -20 dBc

Pass



A IEEE 802.11(ac), 40 MHz, 5725 MHz - 5850 MHz Band, VHT, MCS0, High Channel 157/161, 5795 MHz

Frequency

Value

Limit

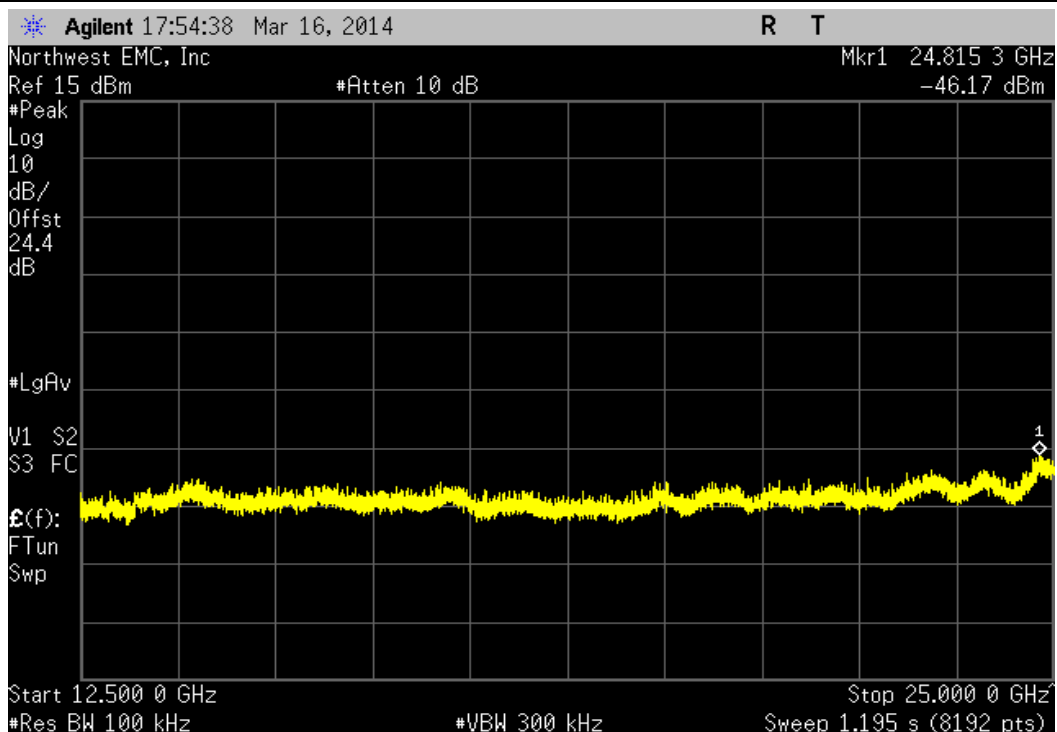
Result

12.5 GHz - 25 GHz

-40.64 dBc

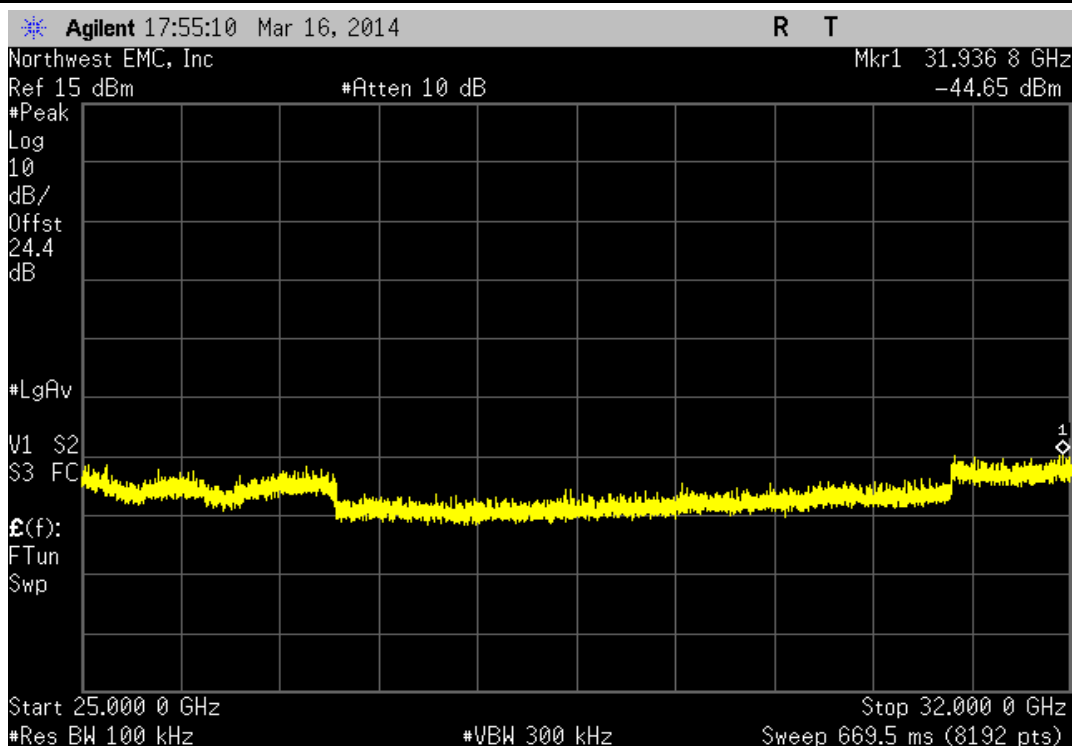
≤ -20 dBc

Pass



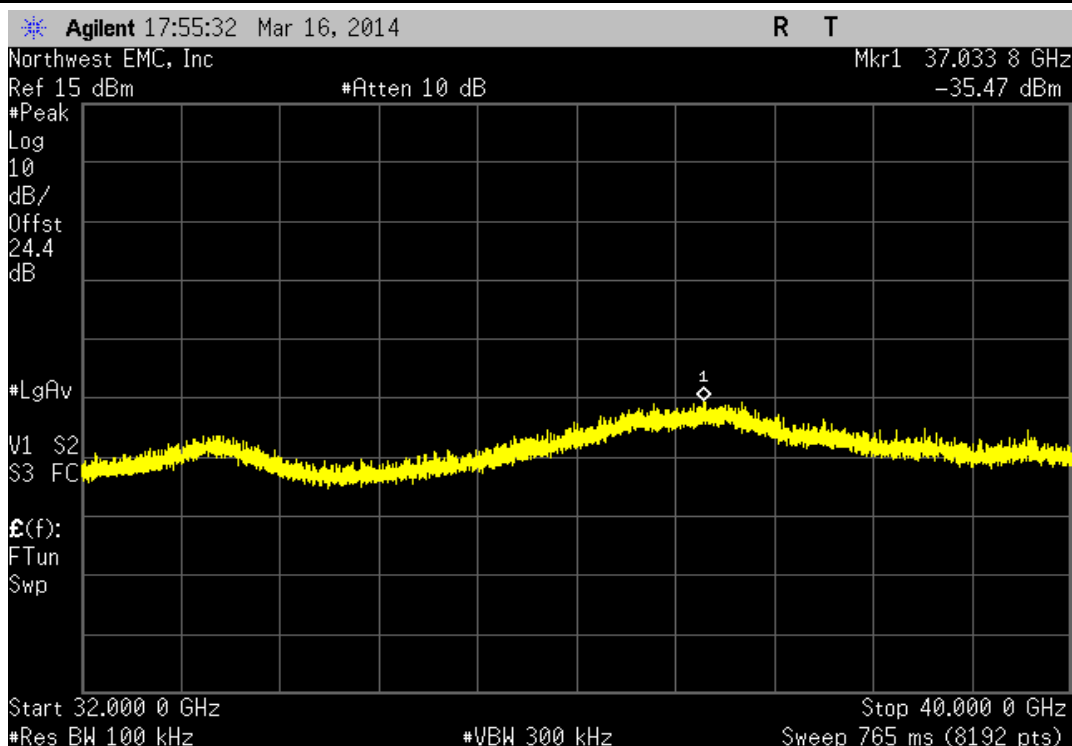
A IEEE 802.11(ac), 40 MHz, 5725 MHz - 5850 MHz Band, VHT, MCS0, High Channel 157/161, 5795 MHz

Frequency Range	Value	Limit	Result
25 GHz - 32 GHz	-39.11 dBc	≤ -20 dBc	Pass



A IEEE 802.11(ac), 40 MHz, 5725 MHz - 5850 MHz Band, VHT, MCS0, High Channel 157/161, 5795 MHz

Frequency Range	Value	Limit	Result
32 GHz - 40 GHz	-29.93 dBc	≤ -20 dBc	Pass



A IEEE 802.11(ac), 40 MHz, 5725 MHz - 5850 MHz Band, VHT, MCS9, Low Channel 149/153, 5755 MHz

**Frequency
Range**

Value

Limit

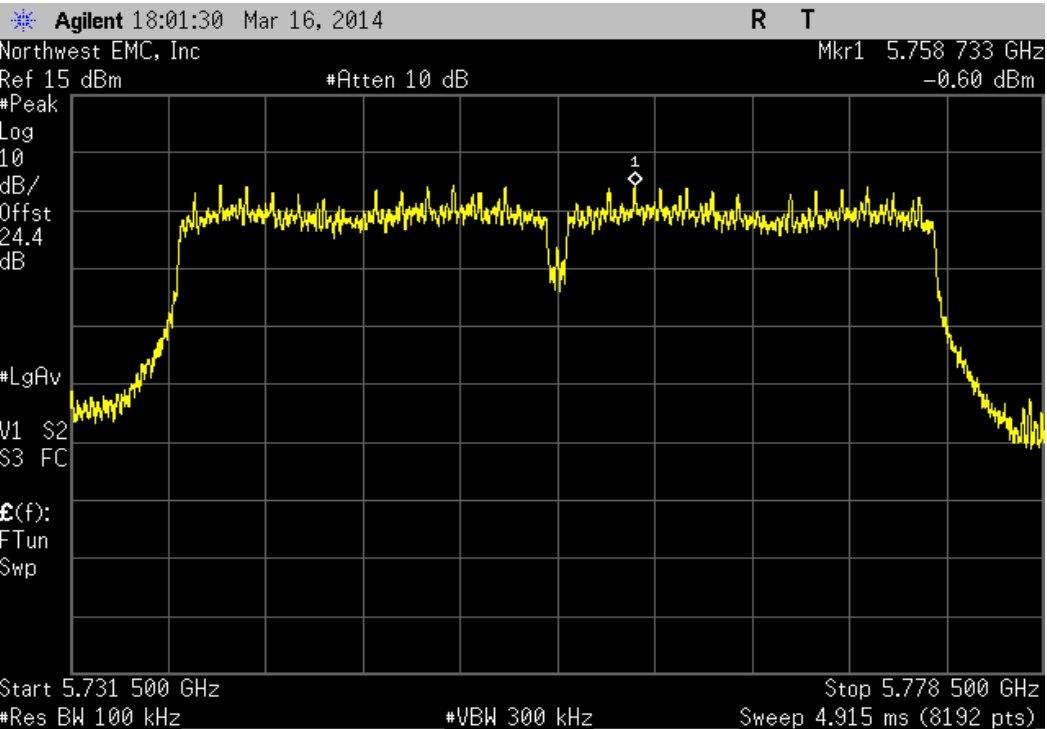
Result

Fundamental

N/A

N/A

N/A



A IEEE 802.11(ac), 40 MHz, 5725 MHz - 5850 MHz Band, VHT, MCS9, Low Channel 149/153, 5755 MHz

**Frequency
Range**

Value

Limit

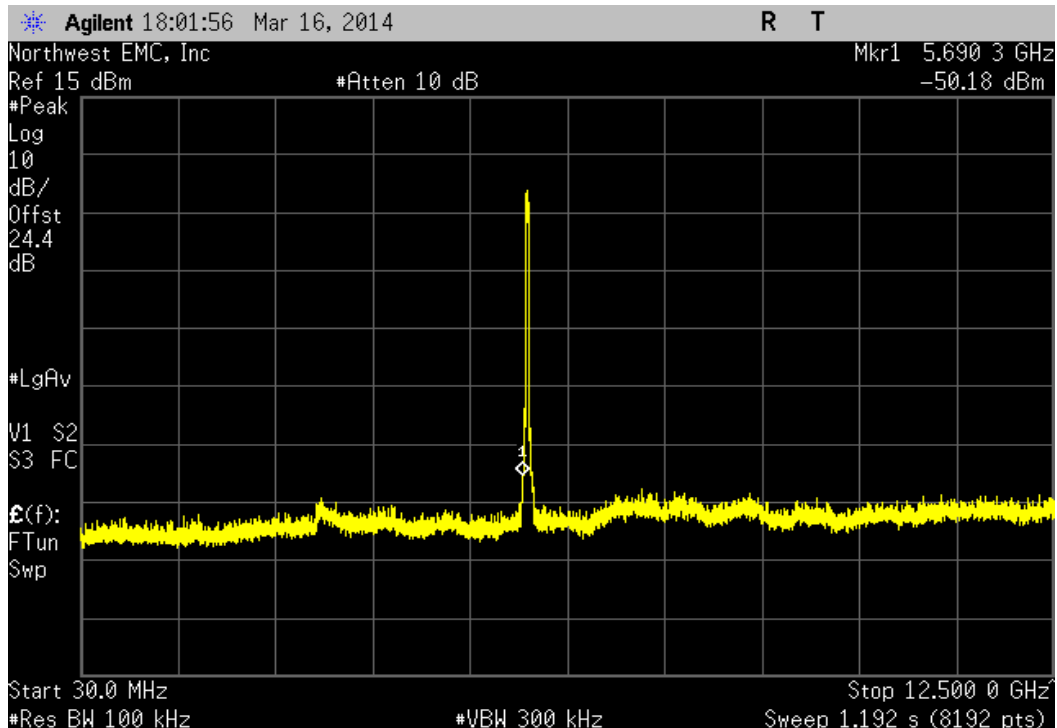
Result

30 MHz - 12.5 GHz

-49.58 dBc

≤ -20 dBc

Pass



A IEEE 802.11(ac), 40 MHz, 5725 MHz - 5850 MHz Band, VHT, MCS9, Low Channel 149/153, 5755 MHz

Frequency

Range

Value

Limit

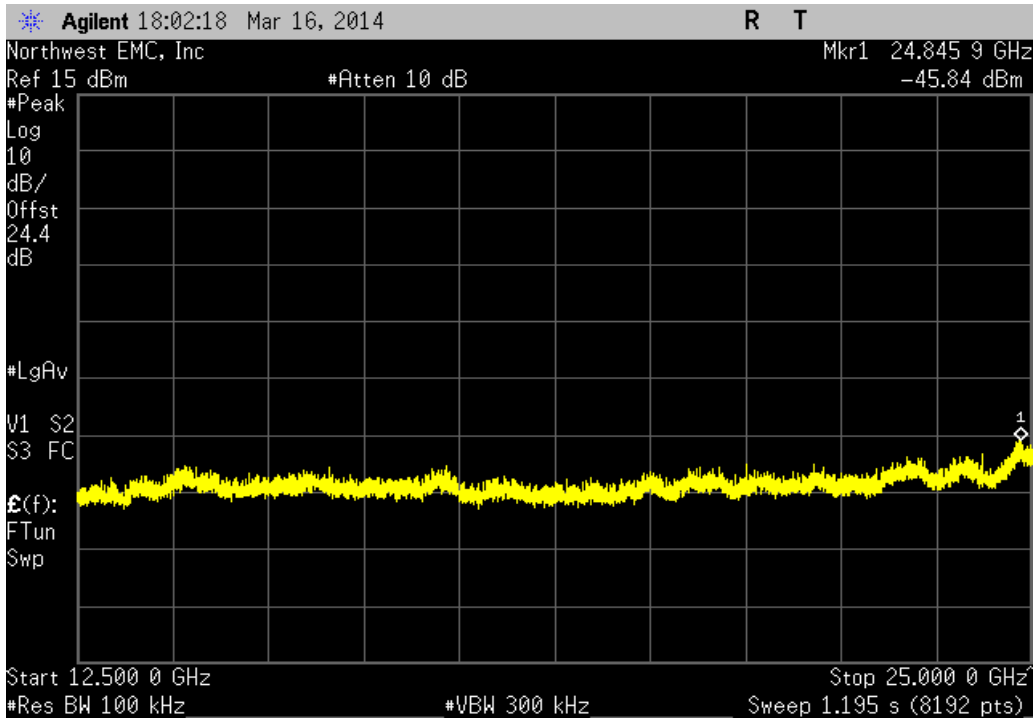
Result

12.5 GHz - 25 GHz

-45.24 dBc

≤ -20 dBc

Pass



A IEEE 802.11(ac), 40 MHz, 5725 MHz - 5850 MHz Band, VHT, MCS9, Low Channel 149/153, 5755 MHz

Frequency

Range

Value

Limit

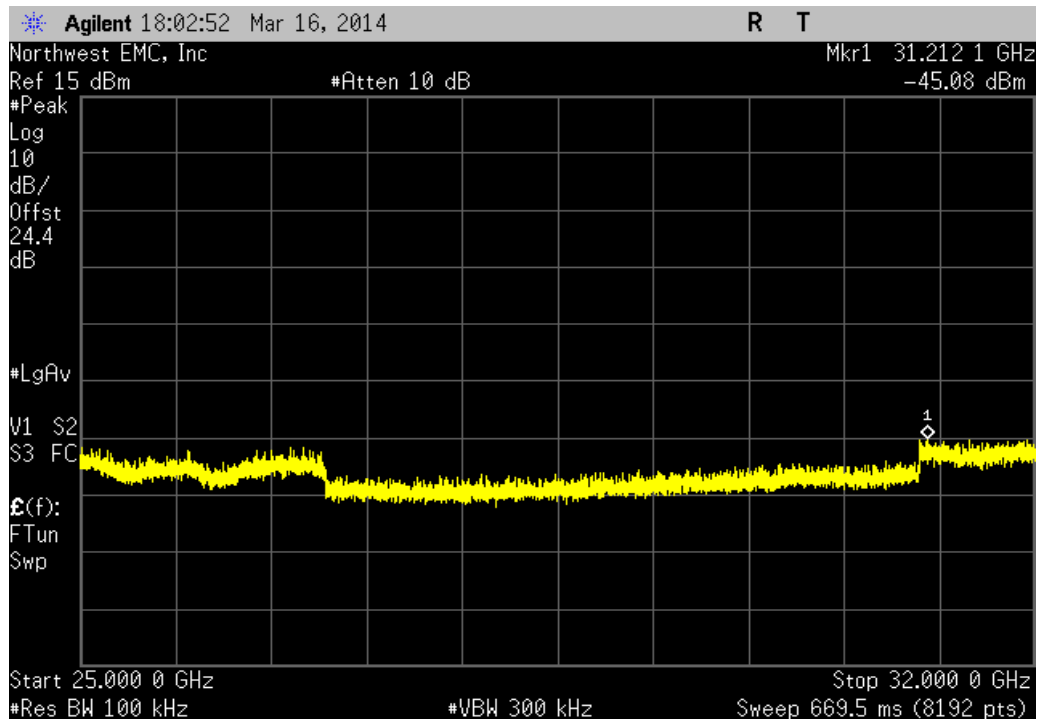
Result

25 GHz - 32 GHz

-44.48 dBc

≤ -20 dBc

Pass



A IEEE 802.11(ac), 40 MHz, 5725 MHz - 5850 MHz Band, VHT, MCS9, Low Channel 149/153, 5755 MHz

Frequency

Range

Value

Limit

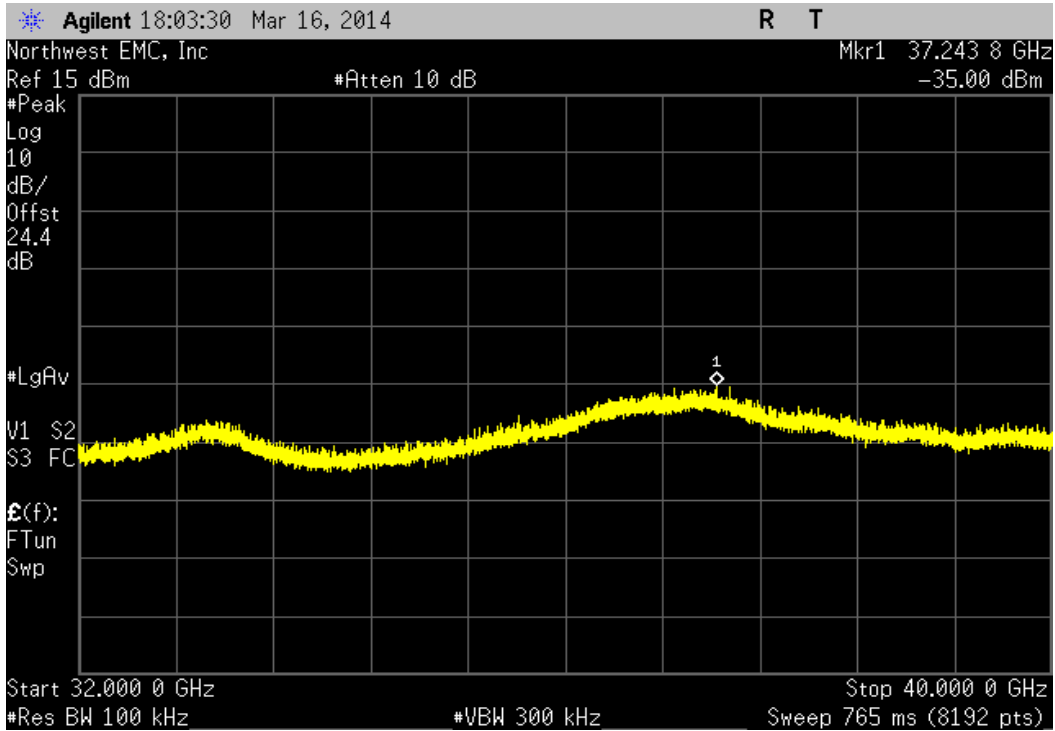
Result

32 GHz - 40 GHz

-34.4 dBc

≤ -20 dBc

Pass



A IEEE 802.11(ac), 40 MHz, 5725 MHz - 5850 MHz Band, VHT, MCS9, High Channel 157/161, 5795 MHz

Frequency

Range

Value

Limit

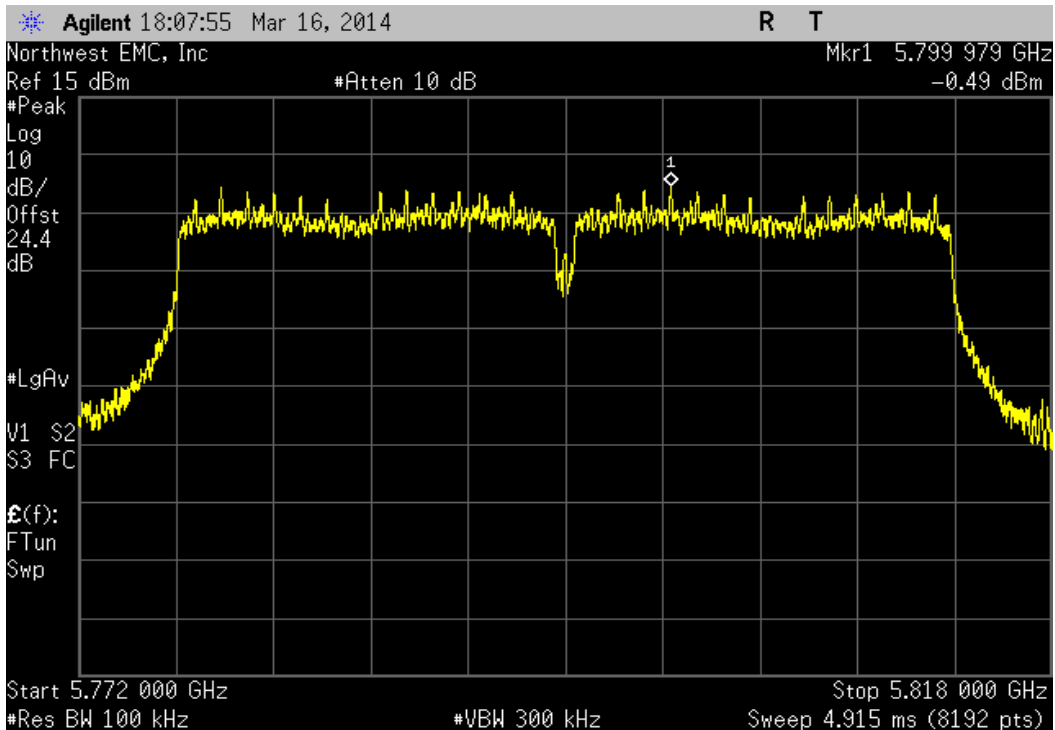
Result

Fundamental

N/A

N/A

N/A



A IEEE 802.11(ac), 40 MHz, 5725 MHz - 5850 MHz Band, VHT, MCS9, High Channel 157/161, 5795 MHz

**Frequency
Range**

Value

Limit

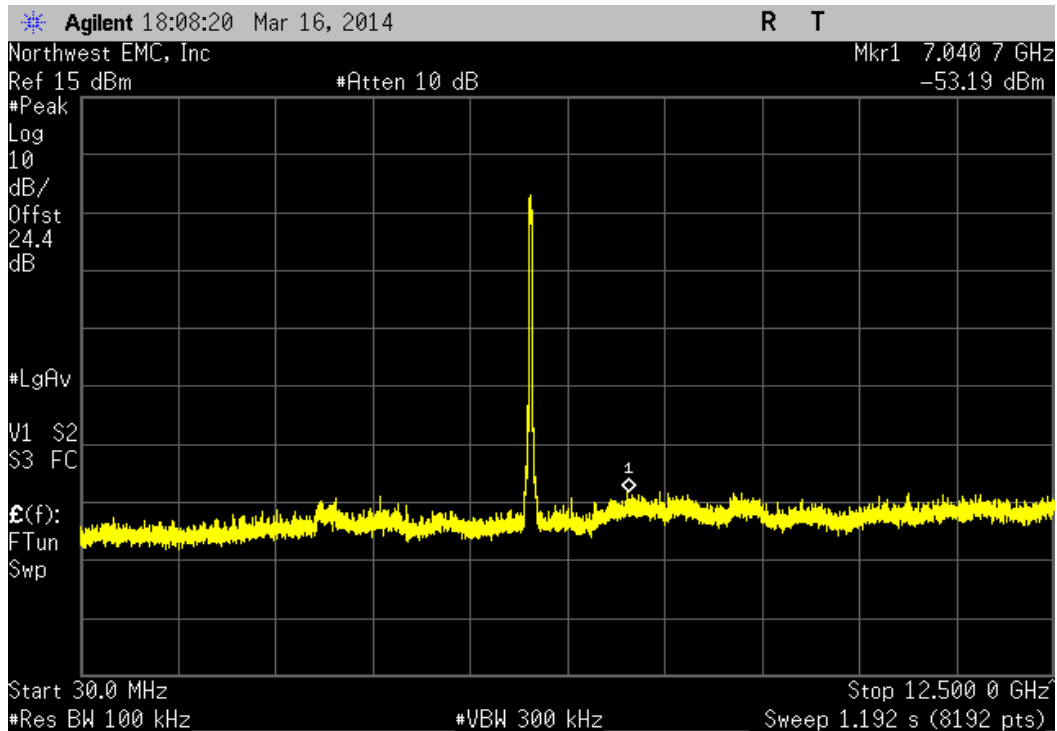
Result

30 MHz - 12.5 GHz

-52.7 dBc

≤ -20 dBc

Pass



A IEEE 802.11(ac), 40 MHz, 5725 MHz - 5850 MHz Band, VHT, MCS9, High Channel 157/161, 5795 MHz

**Frequency
Range**

Value

Limit

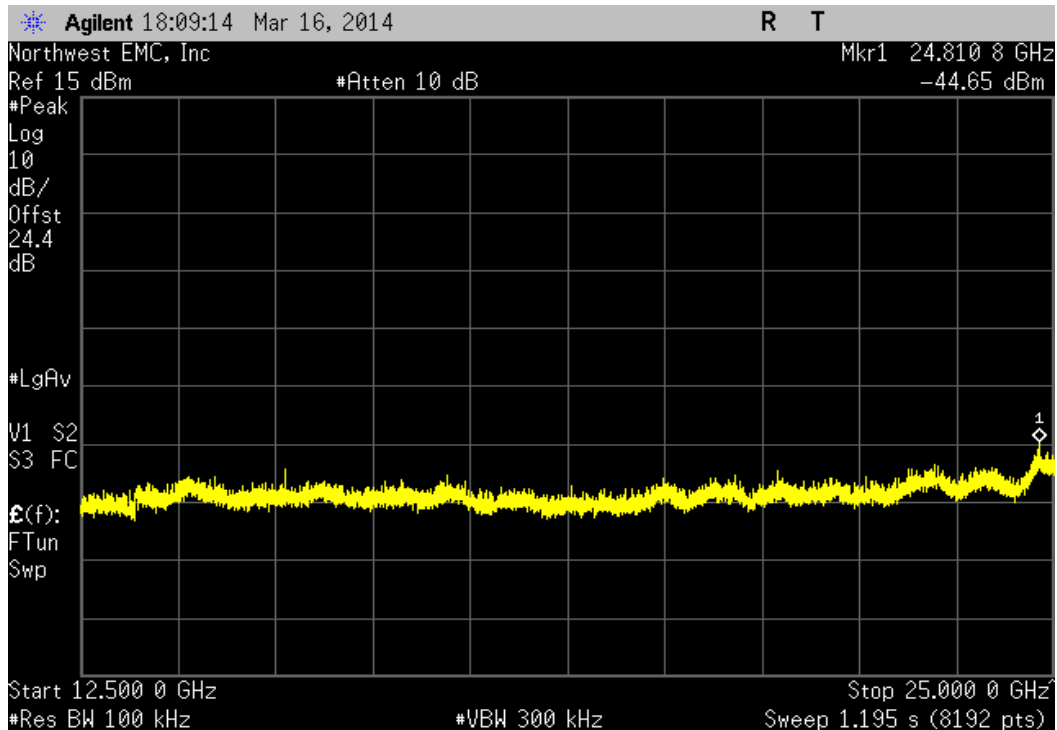
Result

12.5 GHz - 25 GHz

-44.16 dBc

≤ -20 dBc

Pass



A IEEE 802.11(ac), 40 MHz, 5725 MHz - 5850 MHz Band, VHT, MCS9, High Channel 157/161, 5795 MHz

Frequency

Range

Value

Limit

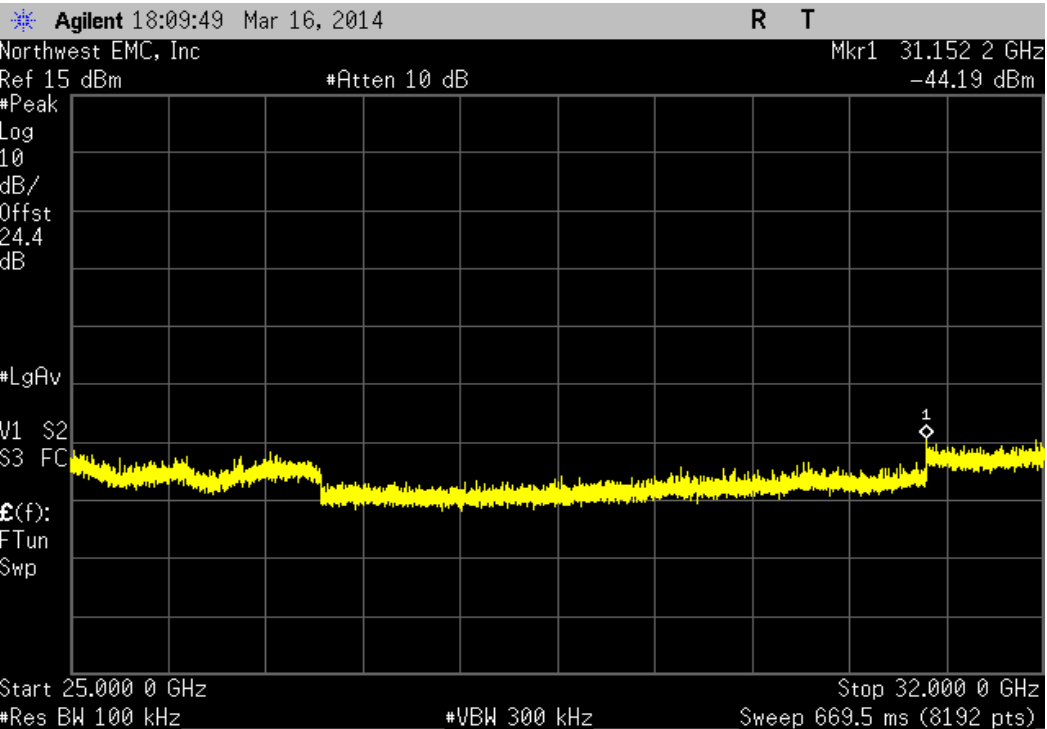
Result

25 GHz - 32 GHz

-43.7 dBc

≤ -20 dBc

Pass



A IEEE 802.11(ac), 40 MHz, 5725 MHz - 5850 MHz Band, VHT, MCS9, High Channel 157/161, 5795 MHz

Frequency

Range

Value

Limit

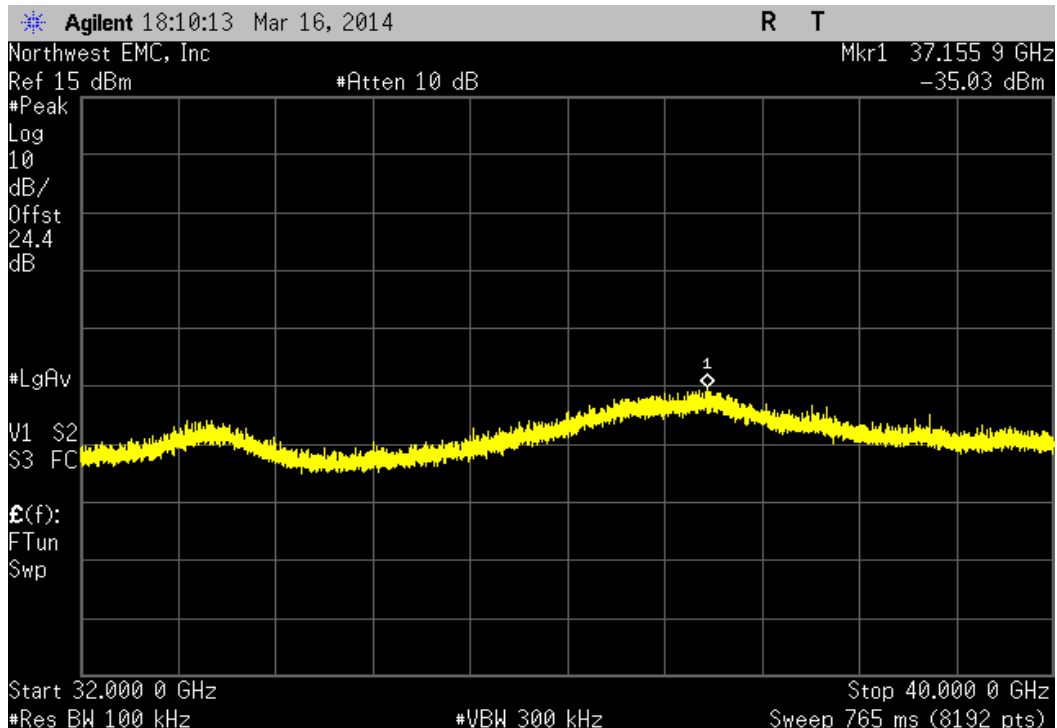
Result

32 GHz - 40 GHz

-34.54 dBc

≤ -20 dBc

Pass



A IEEE 802.11(ac), 80 MHz, 5725 MHz - 5850 MHz Band, VHT, MCS0, Low Channel 149/153/157/161, 5775 MHz

Frequency

Range

Value

Limit

Result

Fundamental

N/A

N/A

N/A

Agilent 23:20:50 Mar 20, 2014

R T

Northwest EMC, Inc

Mkr1 5.754 984 GHz

Ref 15 dBm

#Atten 10 dB

-10.03 dBm

#Peak

Log

10

dB/

Offst

24.3

dB

#LgRv

V1 S2

S3 FC

E(f):

FTun

Swp

Start 5.725 000 GHz

Stop 5.825 000 GHz

#Res BW 100 kHz

#VBW 300 kHz

Sweep 9.829 ms (8192 pts)

A IEEE 802.11(ac), 80 MHz, 5725 MHz - 5850 MHz Band, VHT, MCS0, Low Channel 149/153/157/161, 5775 MHz

Frequency

Range

Value

Limit

Result

30 MHz - 12.5 GHz

-36.38 dBc

≤ -20 dBc

Pass

Agilent 23:21:29 Mar 20, 2014

R T

Northwest EMC, Inc

Mkr1 5.662 9 GHz

Ref 15 dBm

#Atten 10 dB

-46.41 dBm

#Peak

Log

10

dB/

Offst

24.3

dB

#LgRv

V1 S2

S3 FC

E(f):

FTun

Swp

Start 30.0 MHz

Stop 12.500 0 GHz

#Res BW 100 kHz

#VBW 300 kHz

Sweep 1.192 s (8192 pts)

A IEEE 802.11(ac), 80 MHz, 5725 MHz - 5850 MHz Band, VHT, MCS0, Low Channel 149/153/157/161, 5775 MHz

Frequency

Range

Value

Limit

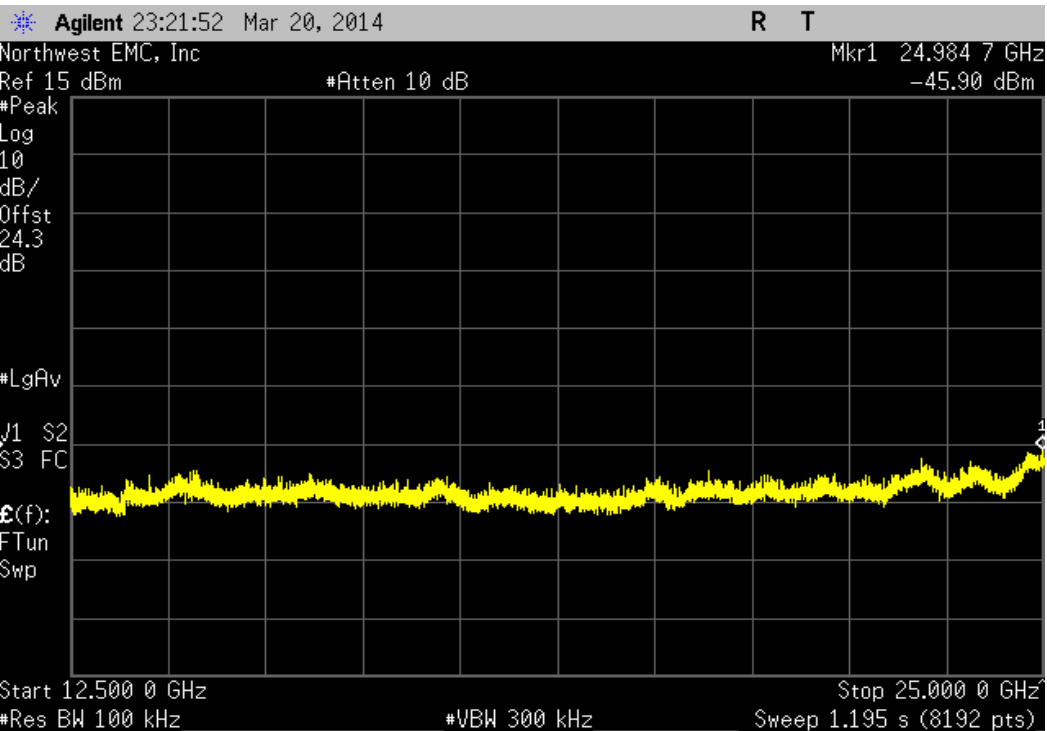
Result

12.5 GHz - 25 GHz

-35.87 dBc

≤ -20 dBc

Pass



A IEEE 802.11(ac), 80 MHz, 5725 MHz - 5850 MHz Band, VHT, MCS0, Low Channel 149/153/157/161, 5775 MHz

Frequency

Range

Value

Limit

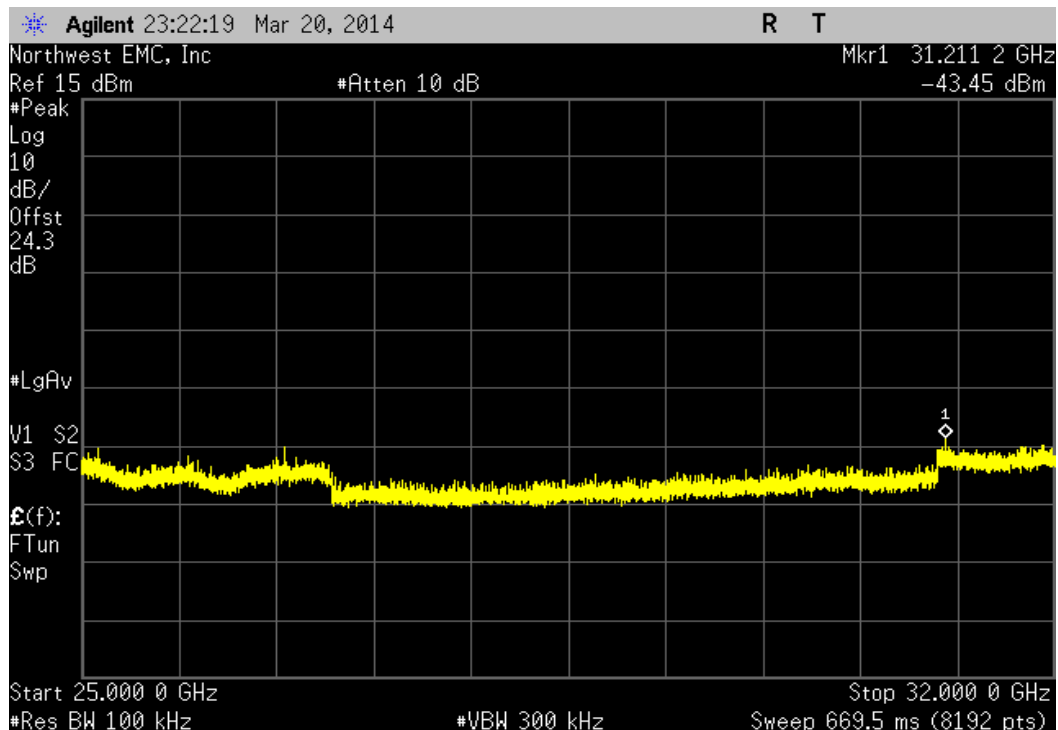
Result

25 GHz - 32 GHz

-33.42 dBc

≤ -20 dBc

Pass



A IEEE 802.11(ac), 80 MHz, 5725 MHz - 5850 MHz Band, VHT, MCS0, Low Channel 149/153/157/161, 5775 MHz

Frequency

Range

Value

Limit

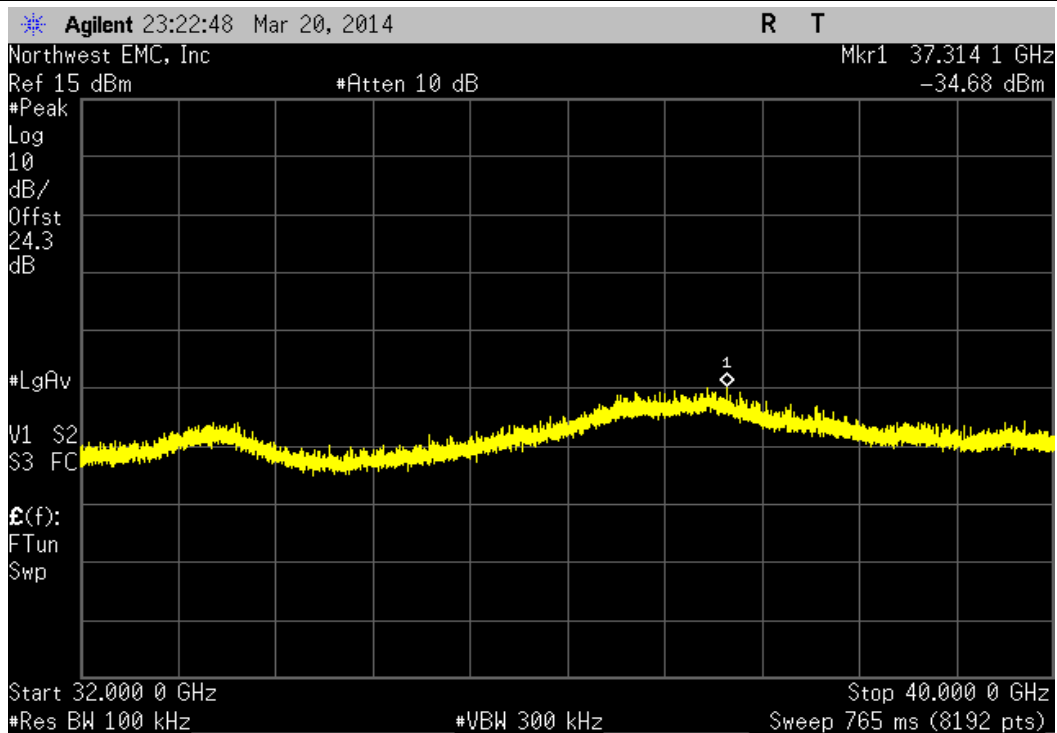
Result

32 GHz - 40 GHz

-24.65 dBc

≤ -20 dBc

Pass



A IEEE 802.11(ac), 80 MHz, 5725 MHz - 5850 MHz Band, VHT, MCS9, Low Channel 149/153/157/161, 5775 MHz

Frequency

Range

Value

Limit

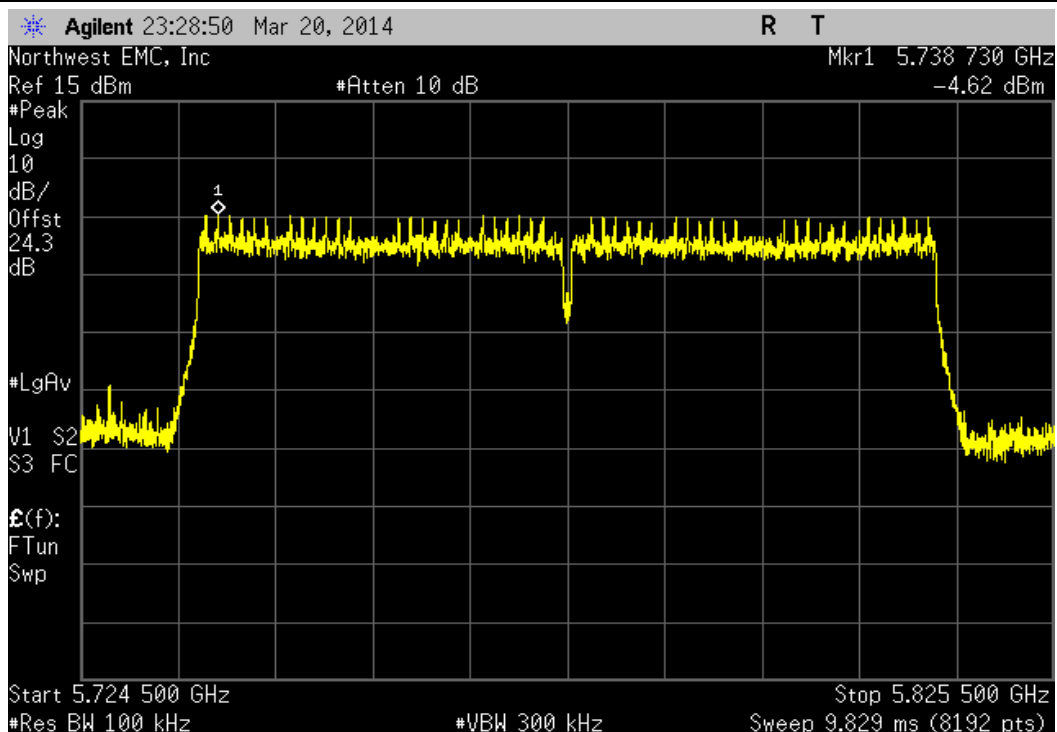
Result

Fundamental

N/A

N/A

N/A



A IEEE 802.11(ac), 80 MHz, 5725 MHz - 5850 MHz Band, VHT, MCS9, Low Channel 149/153/157/161, 5775 MHz

Frequency

Value

Limit

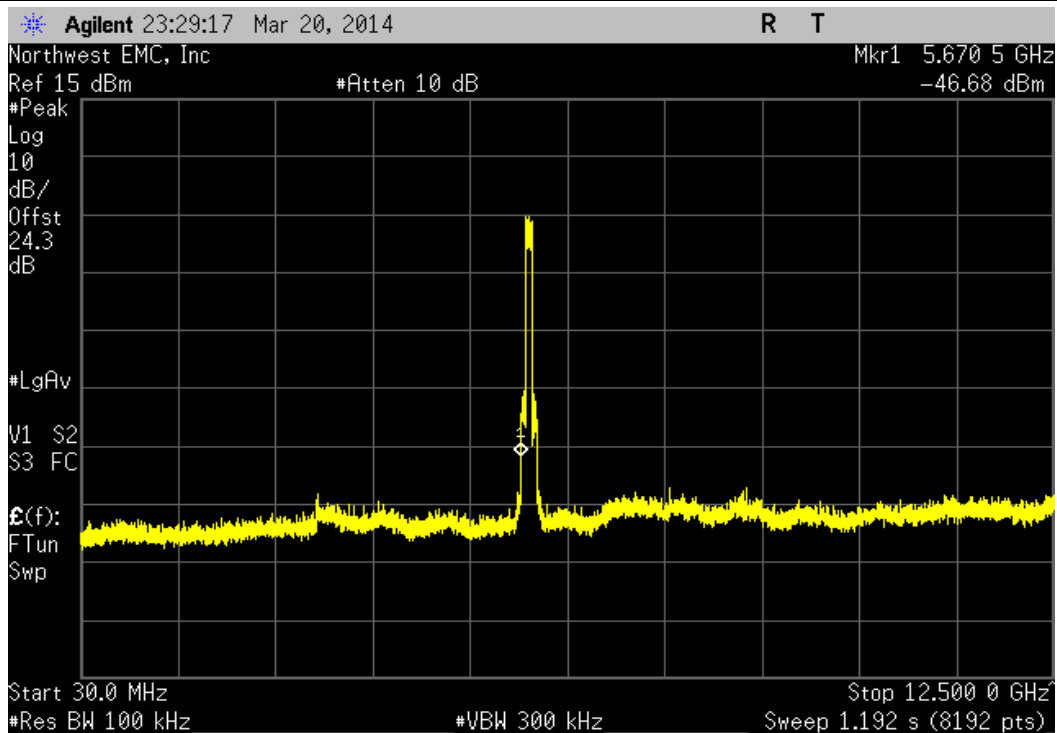
Result

30 MHz - 12.5 GHz

-42.06 dBc

≤ -20 dBc

Pass



A IEEE 802.11(ac), 80 MHz, 5725 MHz - 5850 MHz Band, VHT, MCS9, Low Channel 149/153/157/161, 5775 MHz

Frequency

Value

Limit

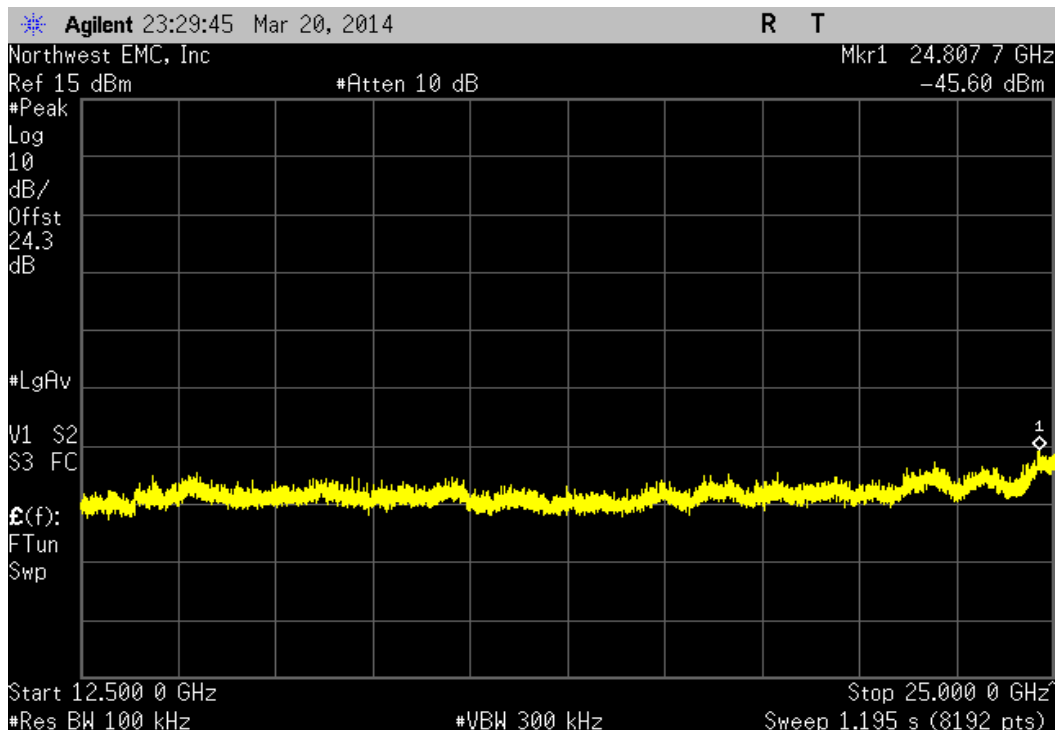
Result

12.5 GHz - 25 GHz

-40.98 dBc

≤ -20 dBc

Pass



A IEEE 802.11(ac), 80 MHz, 5725 MHz - 5850 MHz Band, VHT, MCS9, Low Channel 149/153/157/161, 5775 MHz

Frequency

Range

Value

Limit

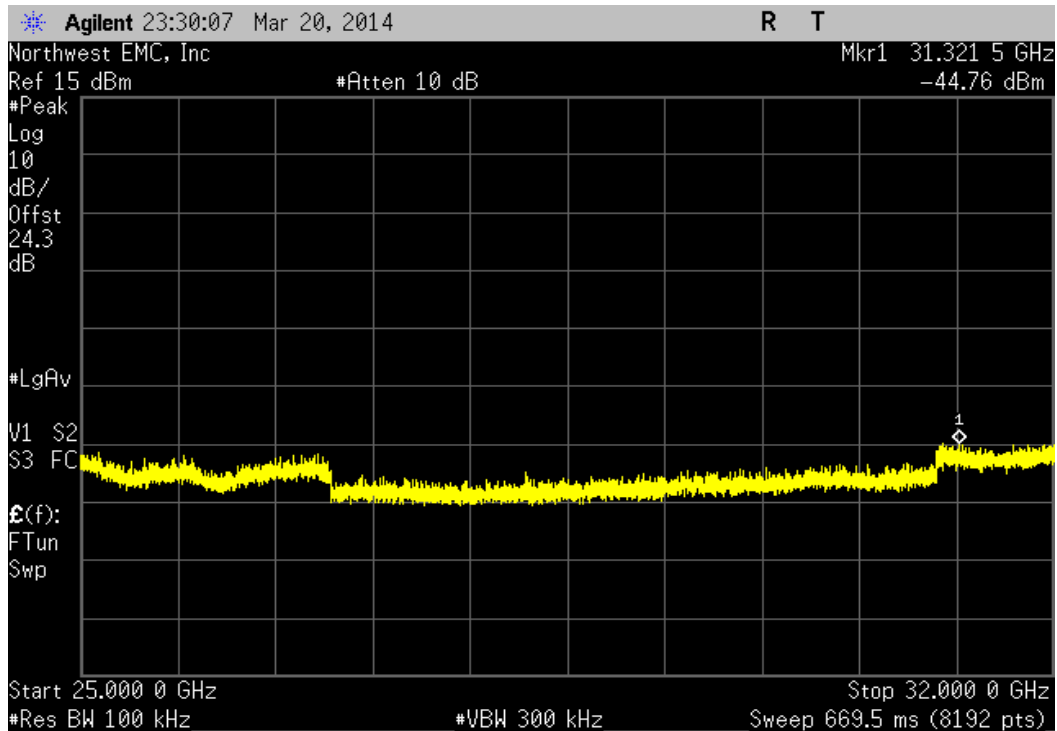
Result

25 GHz - 32 GHz

-40.15 dBc

≤ -20 dBc

Pass



A IEEE 802.11(ac), 80 MHz, 5725 MHz - 5850 MHz Band, VHT, MCS9, Low Channel 149/153/157/161, 5775 MHz

Frequency

Range

Value

Limit

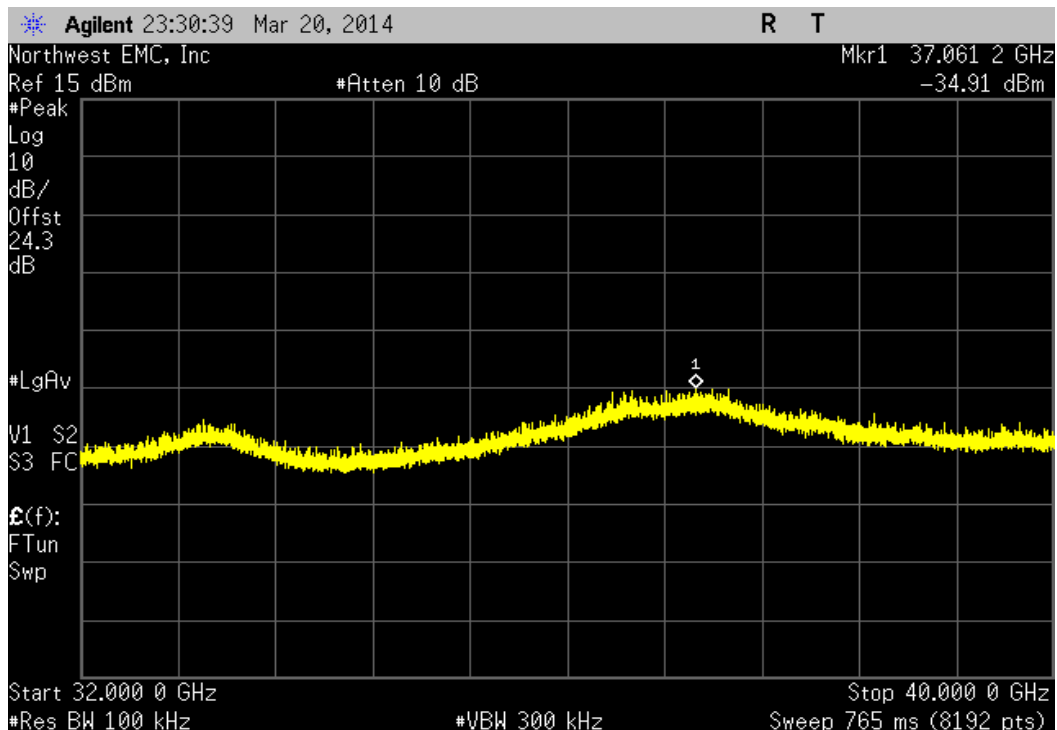
Result

32 GHz - 40 GHz

-30.29 dBc

≤ -20 dBc

Pass



B IEEE 802.11(n), 20 MHz, 5725 MHz - 5850 MHz Band, HT, MCS8, Low Channel 149, 5745 MHz

Frequency
Range

Value

Limit

Result

Fundamental

N/A

N/A

N/A

Agilent 18:17:43 Mar 16, 2014

R T

Northwest EMC, Inc

Mkr1 5.737 473 3 GHz

Ref 15 dBm

#Atten 10 dB

1.45 dBm

#Peak

Log

10

dB/

Offst

24.4

dB

#LgRv

V1 S2

S3 FC

E(f):

FTun

Swp

Start 5.733 500 0 GHz

Stop 5.756 500 0 GHz

#Res BW 100 kHz

#VBW 300 kHz

Sweep 2.73 ms (8192 pts)

B IEEE 802.11(n), 20 MHz, 5725 MHz - 5850 MHz Band, HT, MCS8, Low Channel 149, 5745 MHz

Frequency
Range

Value

Limit

Result

30 MHz - 12.5 GHz

-53.83 dBc

≤ -20 dBc

Pass

Agilent 18:18:06 Mar 16, 2014

R T

Northwest EMC, Inc

Mkr1 7.101 6 GHz

Ref 15 dBm

#Atten 10 dB

-52.38 dBm

#Peak

Log

10

dB/

Offst

24.4

dB

#LgRv

V1 S2

S3 FC

E(f):

FTun

Swp

Start 30.0 MHz

Stop 12.500 0 GHz

#Res BW 100 kHz

#VBW 300 kHz

Sweep 1.192 s (8192 pts)

B IEEE 802.11(n), 20 MHz, 5725 MHz - 5850 MHz Band, HT, MCS8, Low Channel 149, 5745 MHz

Frequency

Range

Value

Limit

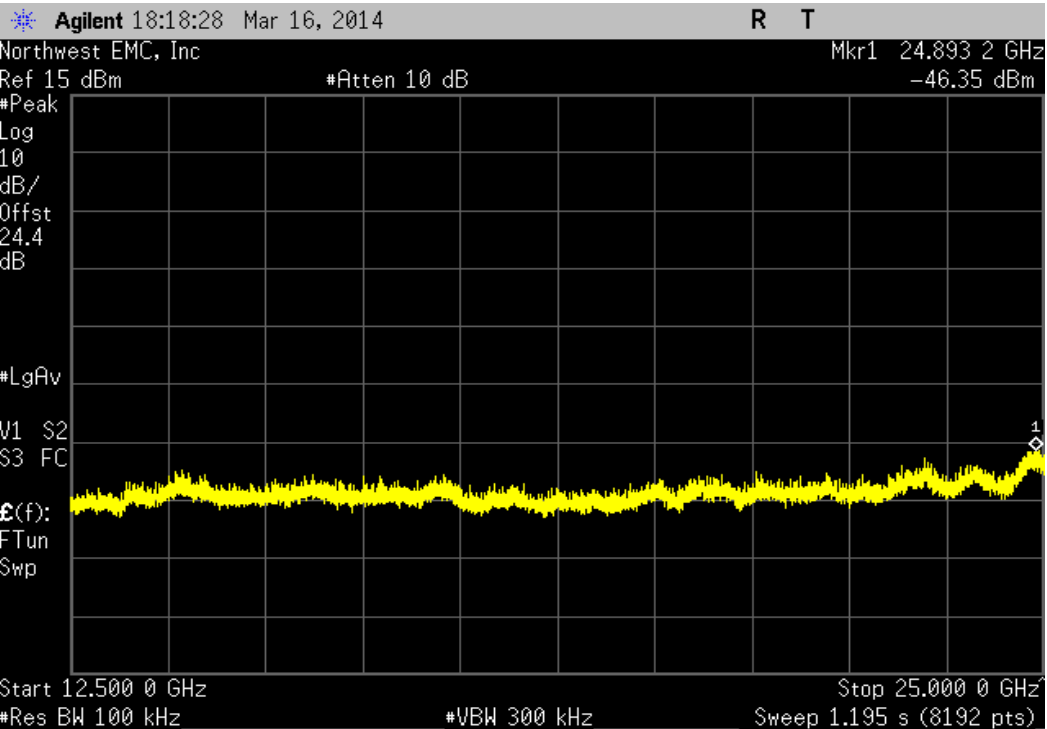
Result

12.5 GHz - 25 GHz

-47.8 dBc

≤ -20 dBc

Pass



B IEEE 802.11(n), 20 MHz, 5725 MHz - 5850 MHz Band, HT, MCS8, Low Channel 149, 5745 MHz

Frequency

Range

Value

Limit

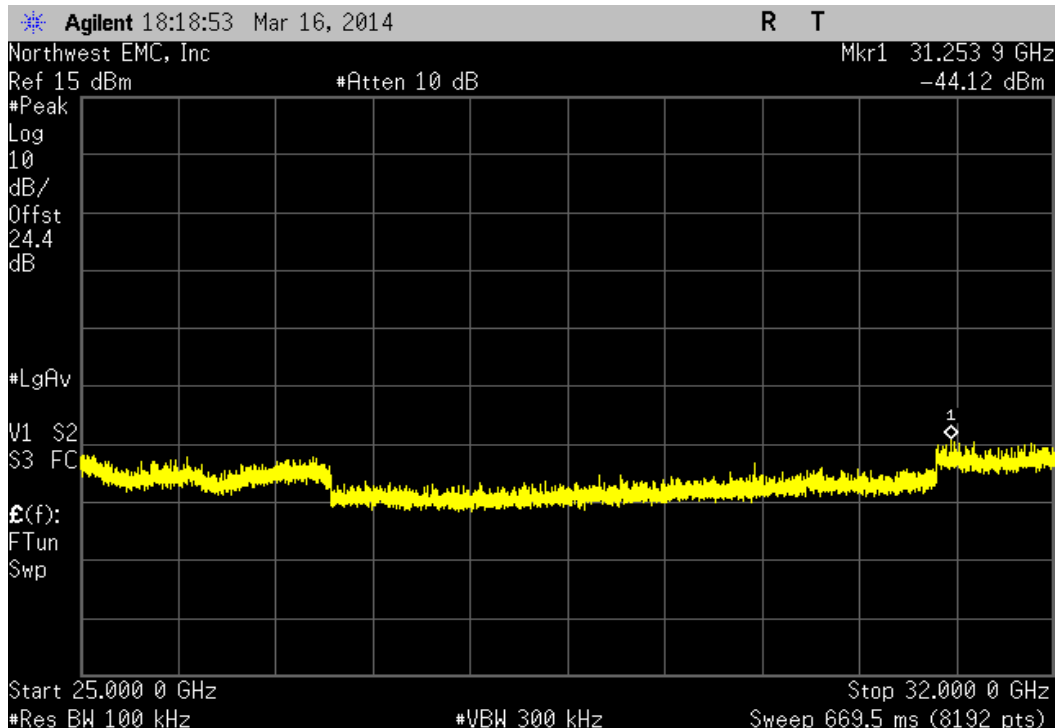
Result

25 GHz - 32 GHz

-45.57 dBc

≤ -20 dBc

Pass



B IEEE 802.11(n), 20 MHz, 5725 MHz - 5850 MHz Band, HT, MCS8, Low Channel 149, 5745 MHz

Frequency

Range

Value

Limit

Result

32 GHz - 40 GHz

-36.61 dBc

≤ -20 dBc

Pass

Agilent 18:19:20 Mar 16, 2014

R T

Northwest EMC, Inc

Mkr1 37.169 6 GHz

Ref 15 dBm

#Atten 10 dB

-35.16 dBm

#Peak

Log

10

dB/

Offst

24.4

dB

#LgRv

V1 S2

S3 FC

Ⓔ(f):

FTun

Swp

Start 32.000 0 GHz

Stop 40.000 0 GHz

#Res BW 100 kHz

#VBW 300 kHz

Sweep 765 ms (8192 pts)

B IEEE 802.11(n), 20 MHz, 5725 MHz - 5850 MHz Band, HT, MCS8, Mid Channel 157, 5785 MHz

Frequency

Range

Value

Limit

Result

Fundamental

N/A

N/A

N/A

Agilent 18:23:14 Mar 16, 2014

R T

Northwest EMC, Inc

Mkr1 5.792 490 2 GHz

Ref 15 dBm

#Atten 10 dB

1.28 dBm

#Peak

Log

10

dB/

Offst

24.4

dB

#LgRv

V1 S2

S3 FC

Ⓔ(f):

FTun

Swp

Start 5.773 500 0 GHz

Stop 5.796 500 0 GHz

#Res BW 100 kHz

#VBW 300 kHz

Sweep 2.73 ms (8192 pts)

B IEEE 802.11(n), 20 MHz, 5725 MHz - 5850 MHz Band, HT, MCS8, Mid Channel 157, 5785 MHz

Frequency

Range

Value

Limit

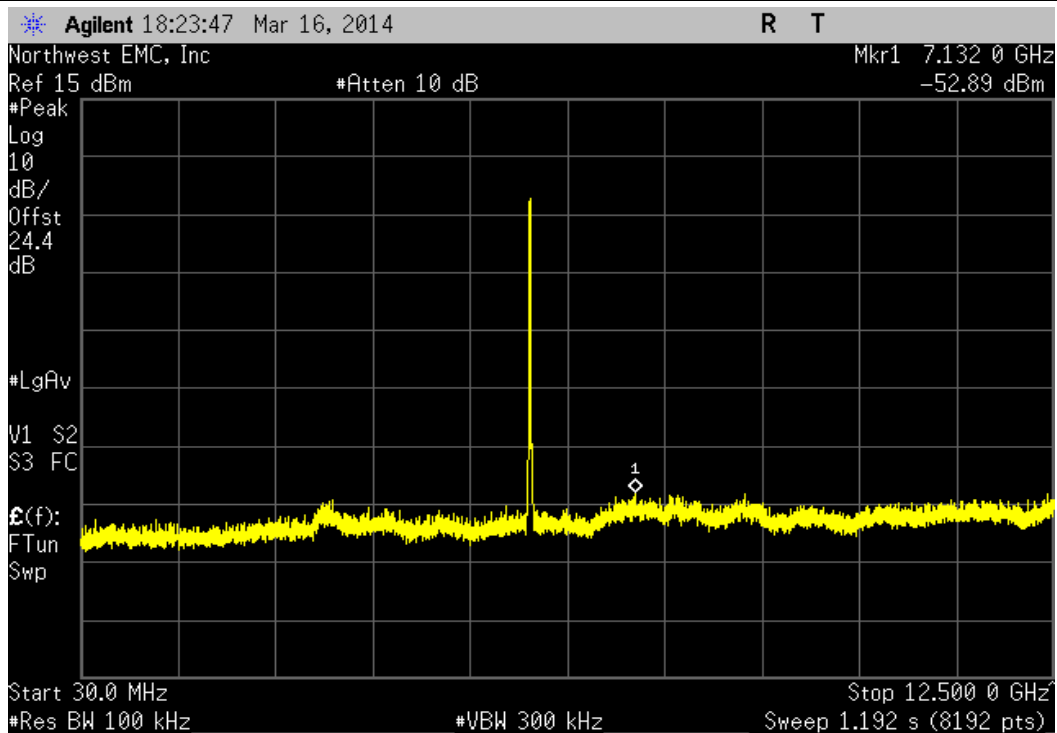
Result

30 MHz - 12.5 GHz

-54.17 dBc

≤ -20 dBc

Pass



B IEEE 802.11(n), 20 MHz, 5725 MHz - 5850 MHz Band, HT, MCS8, Mid Channel 157, 5785 MHz

Frequency

Range

Value

Limit

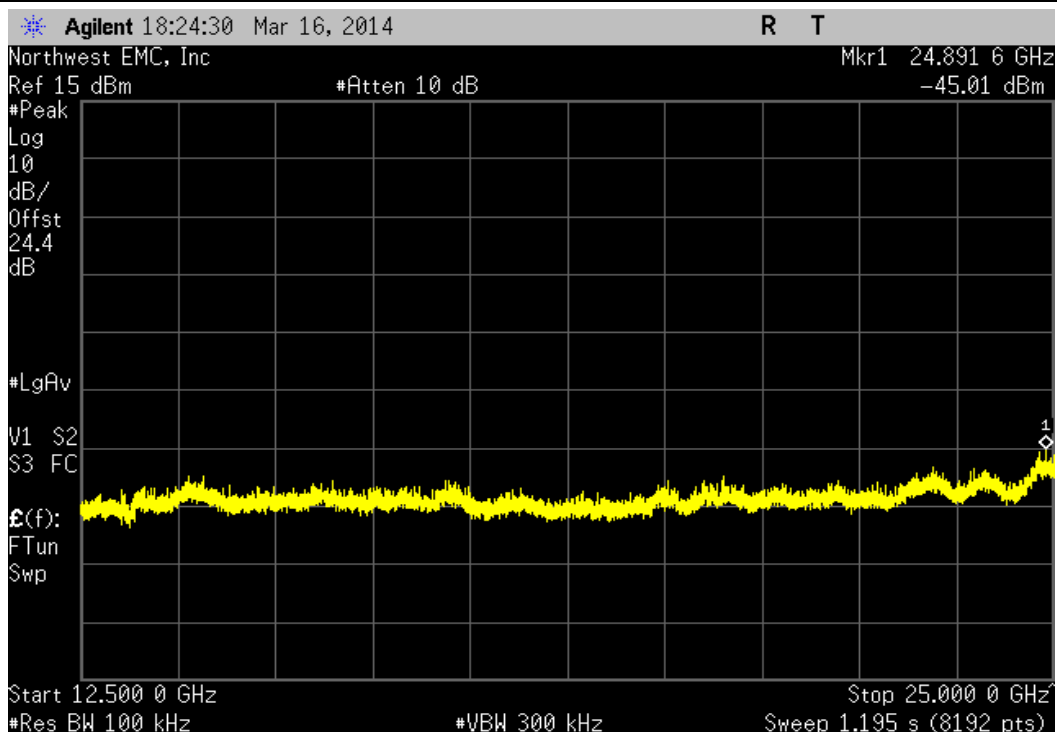
Result

12.5 GHz - 25 GHz

-46.29 dBc

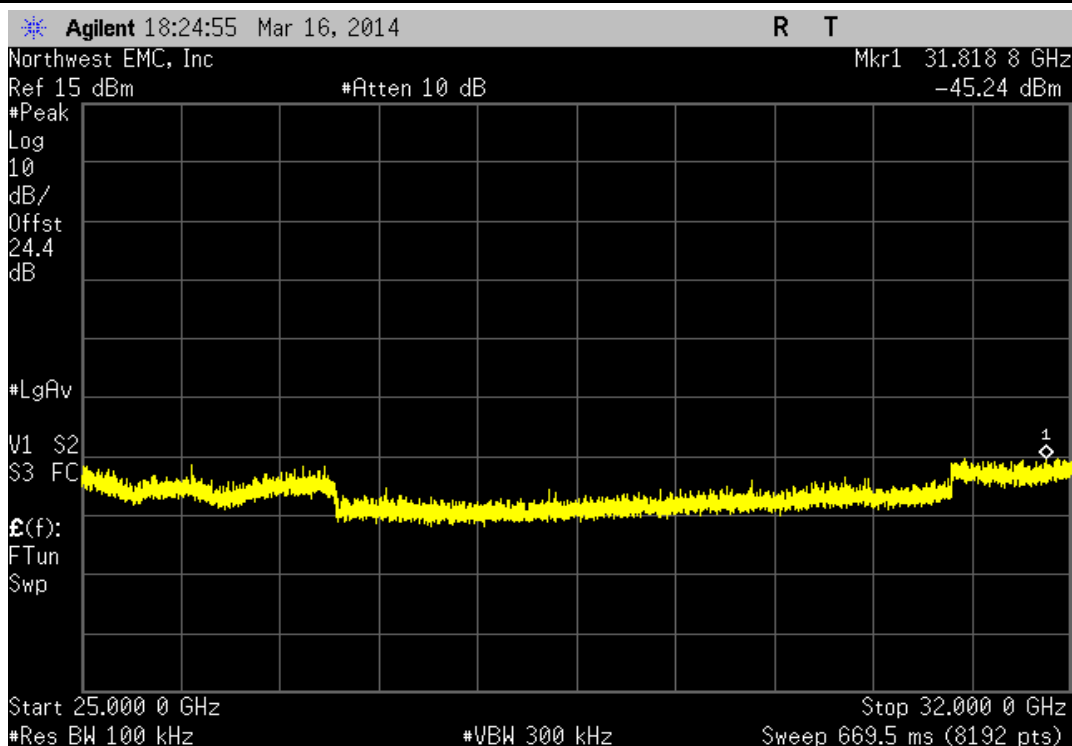
≤ -20 dBc

Pass



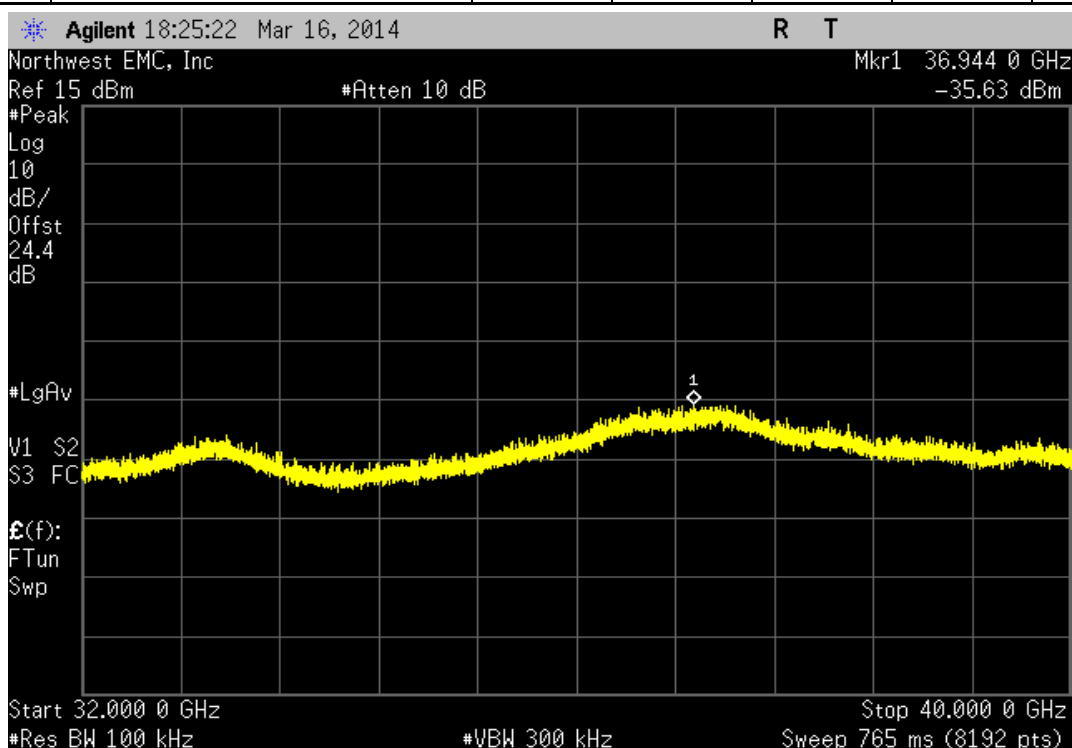
B IEEE 802.11(n), 20 MHz, 5725 MHz - 5850 MHz Band, HT, MCS8, Mid Channel 157, 5785 MHz

Frequency Range	Value	Limit	Result
25 GHz - 32 GHz	-46.52 dBc	≤ -20 dBc	Pass



B IEEE 802.11(n), 20 MHz, 5725 MHz - 5850 MHz Band, HT, MCS8, Mid Channel 157, 5785 MHz

Frequency Range	Value	Limit	Result
32 GHz - 40 GHz	-36.92 dBc	≤ -20 dBc	Pass



B IEEE 802.11(n), 20 MHz, 5725 MHz - 5850 MHz Band, HT, MCS8, High Channel 165, 5825 MHz

**Frequency
Range**

Value

Limit

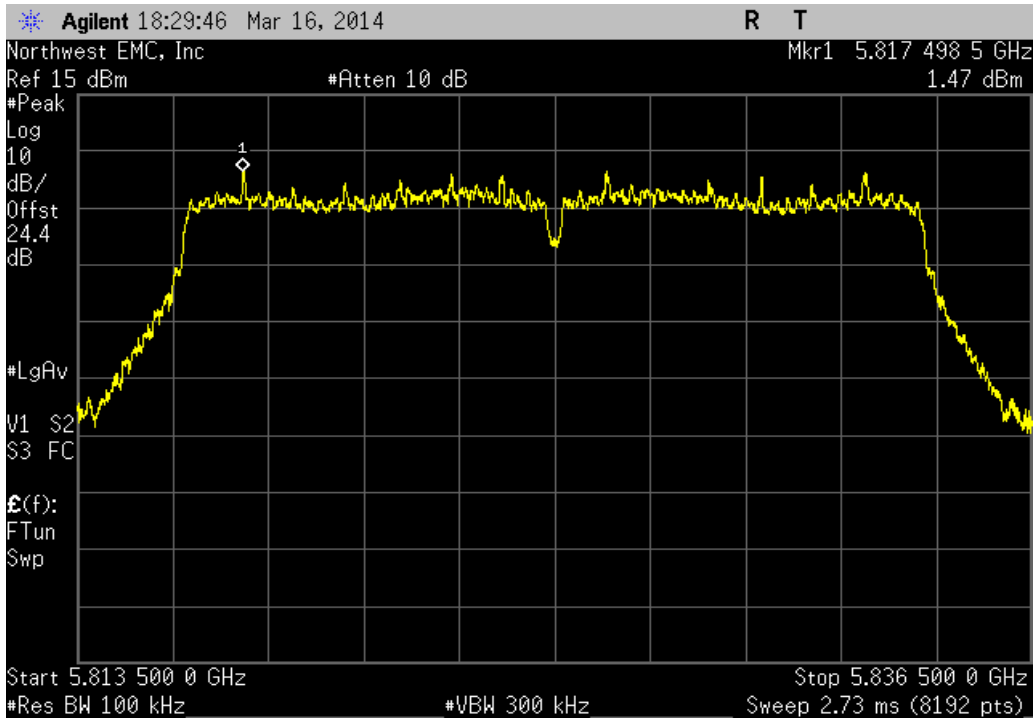
Result

Fundamental

N/A

N/A

N/A



B IEEE 802.11(n), 20 MHz, 5725 MHz - 5850 MHz Band, HT, MCS8, High Channel 165, 5825 MHz

**Frequency
Range**

Value

Limit

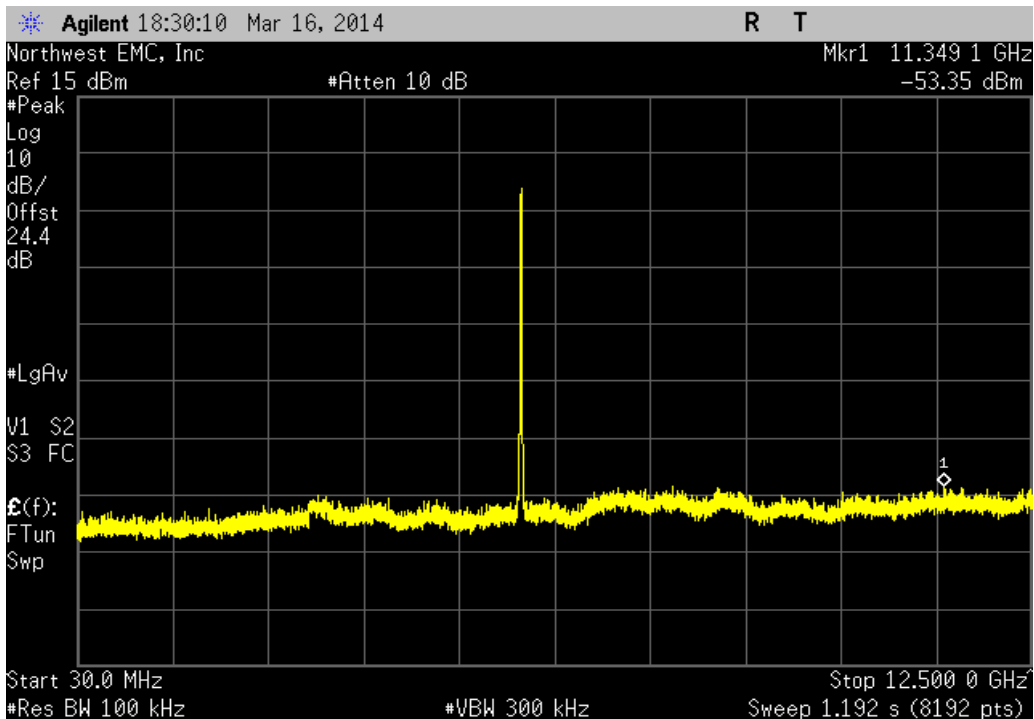
Result

30 MHz - 12.5 GHz

-54.82 dBc

≤ -20 dBc

Pass



B IEEE 802.11(n), 20 MHz, 5725 MHz - 5850 MHz Band, HT, MCS8, High Channel 165, 5825 MHz

Frequency

Range

Value

Limit

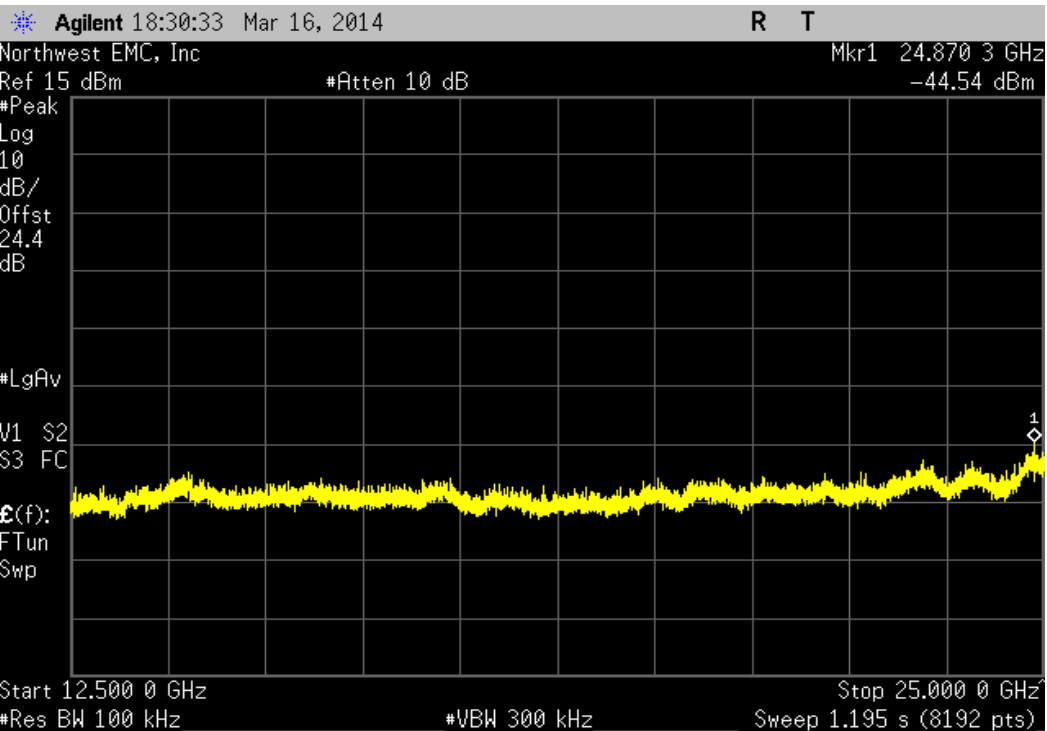
Result

12.5 GHz - 25 GHz

-46.01 dBc

≤ -20 dBc

Pass



B IEEE 802.11(n), 20 MHz, 5725 MHz - 5850 MHz Band, HT, MCS8, High Channel 165, 5825 MHz

Frequency

Range

Value

Limit

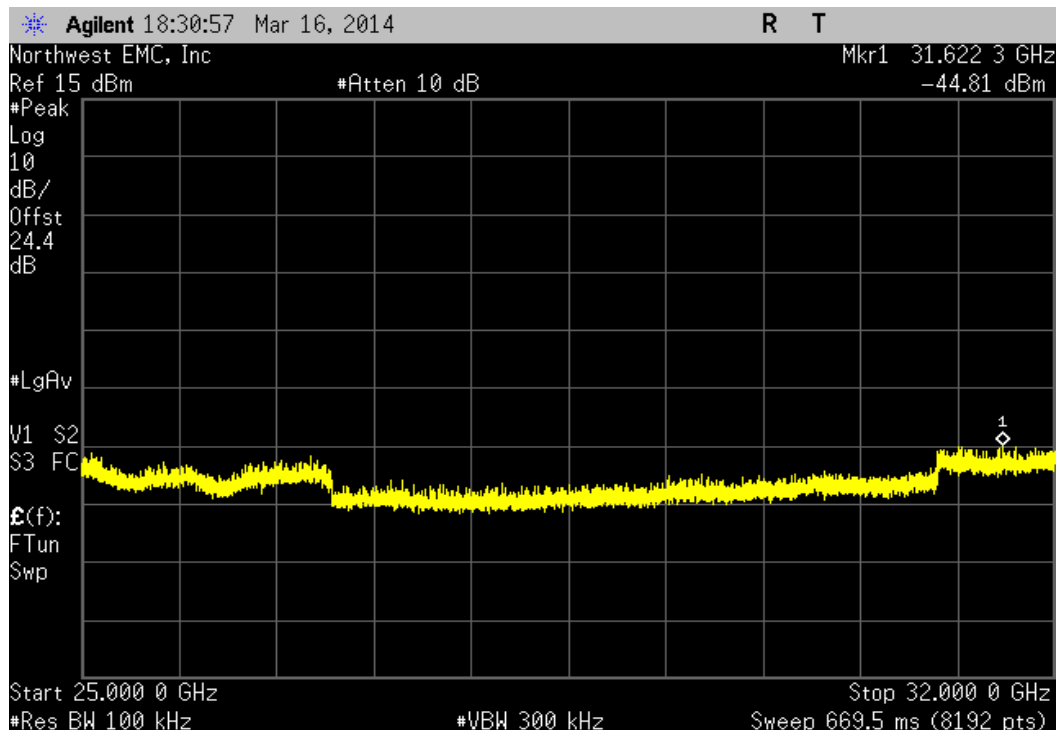
Result

25 GHz - 32 GHz

-46.28 dBc

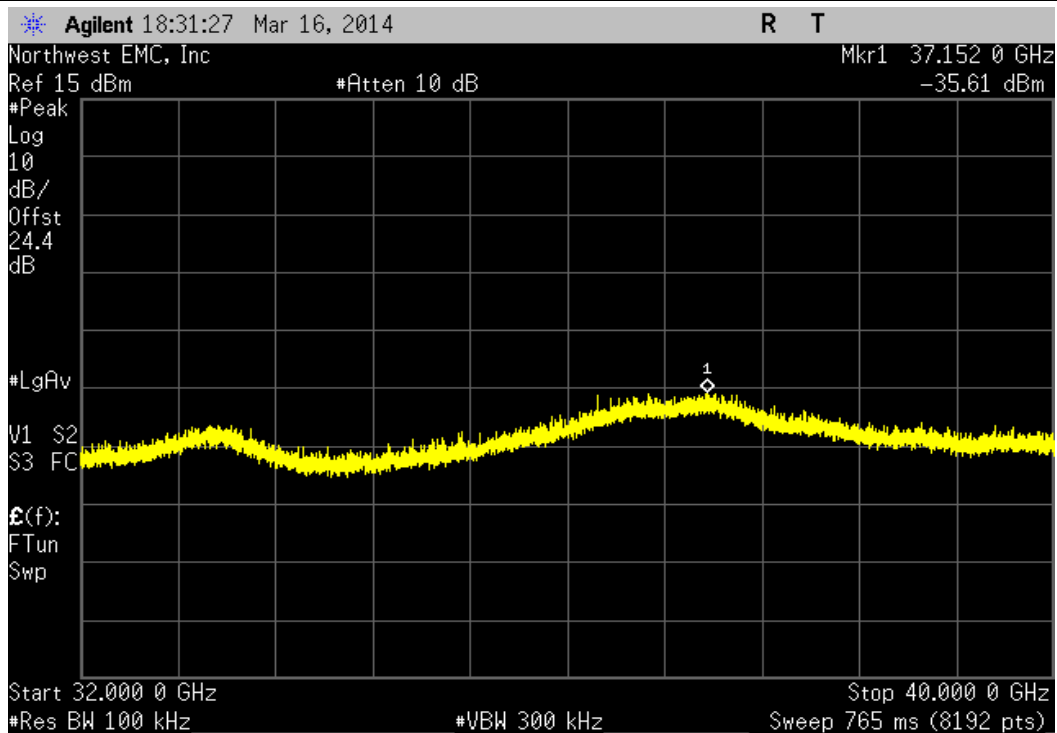
≤ -20 dBc

Pass



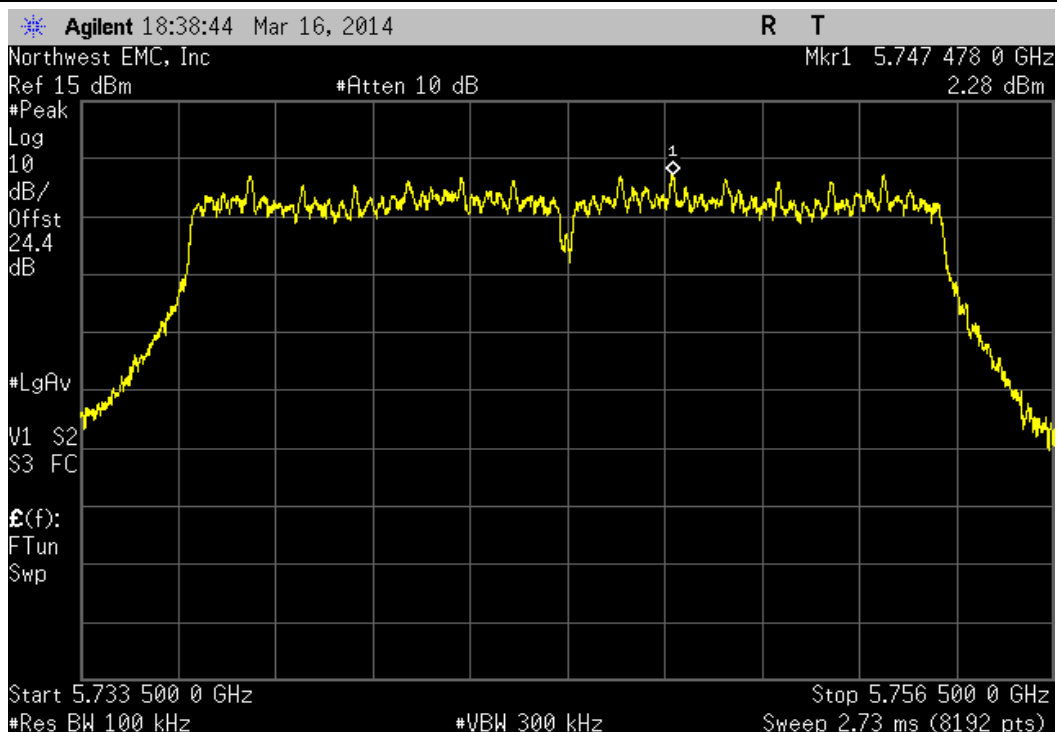
B IEEE 802.11(n), 20 MHz, 5725 MHz - 5850 MHz Band, HT, MCS8, High Channel 165, 5825 MHz

Frequency Range	Value	Limit	Result
32 GHz - 40 GHz	-37.08 dBc	≤ -20 dBc	Pass



B IEEE 802.11(n), 20 MHz, 5725 MHz - 5850 MHz Band, HT, MCS15, Low Channel 149, 5745 MHz

Frequency Range	Value	Limit	Result
Fundamental	N/A	N/A	N/A



B IEEE 802.11(n), 20 MHz, 5725 MHz - 5850 MHz Band, HT, MCS15, Low Channel 149, 5745 MHz

**Frequency
Range**

Value

Limit

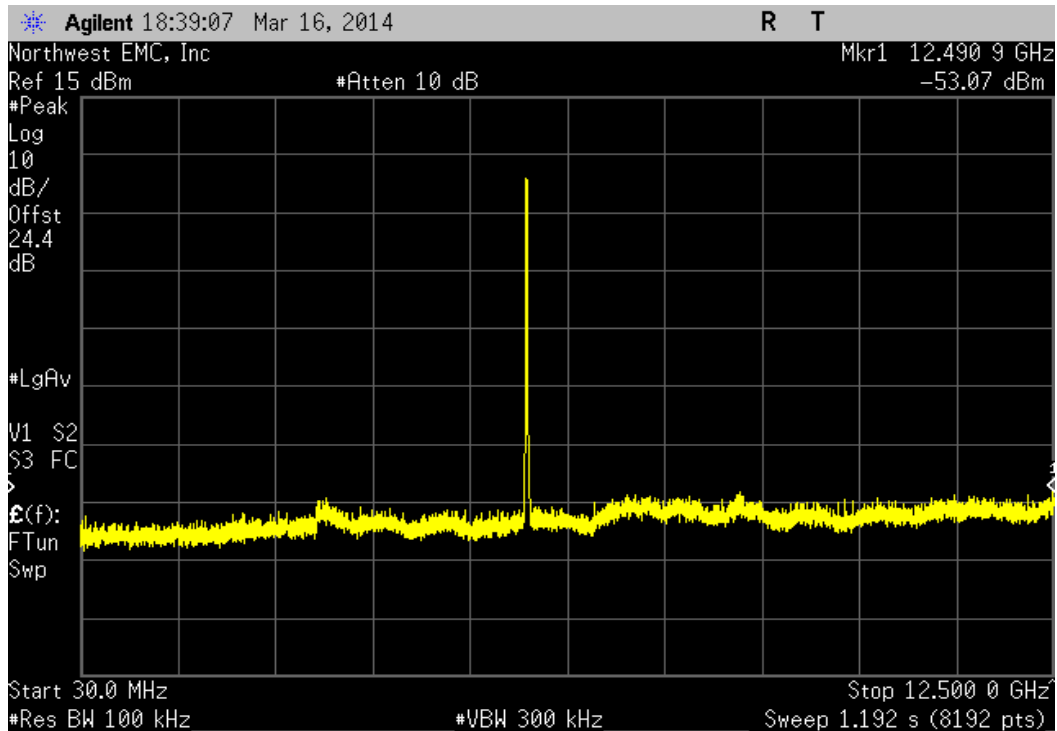
Result

30 MHz - 12.5 GHz

-55.35 dBc

≤ -20 dBc

Pass



B IEEE 802.11(n), 20 MHz, 5725 MHz - 5850 MHz Band, HT, MCS15, Low Channel 149, 5745 MHz

**Frequency
Range**

Value

Limit

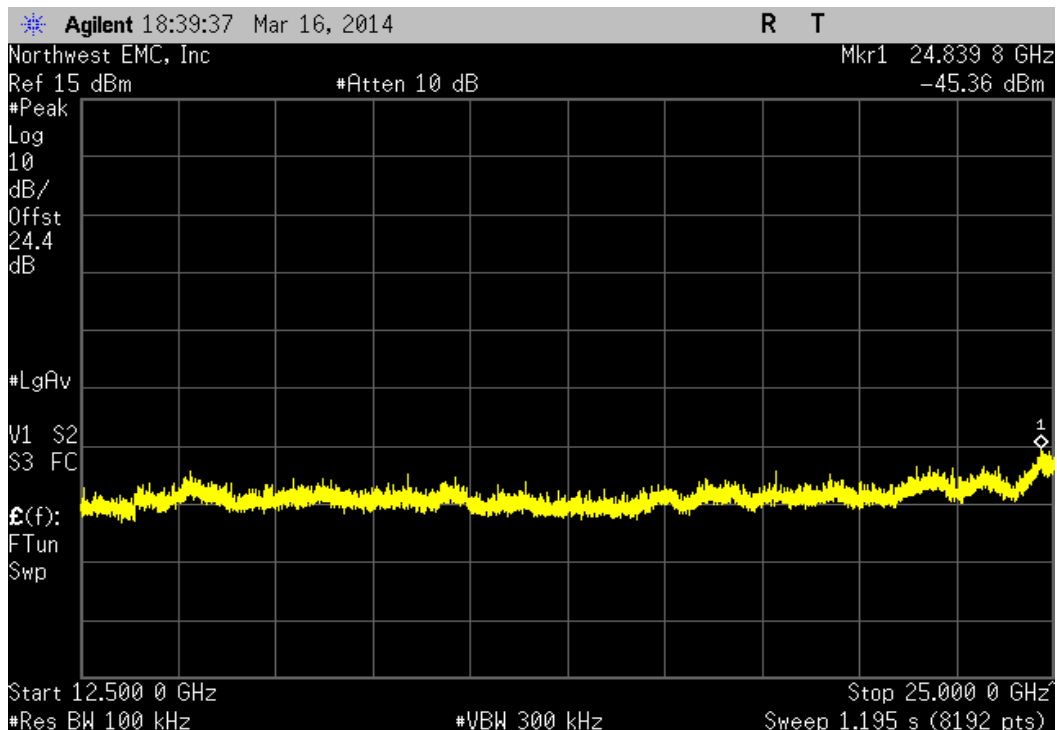
Result

12.5 GHz - 25 GHz

-47.64 dBc

≤ -20 dBc

Pass



B IEEE 802.11(n), 20 MHz, 5725 MHz - 5850 MHz Band, HT, MCS15, Low Channel 149, 5745 MHz

Frequency

Range

Value

Limit

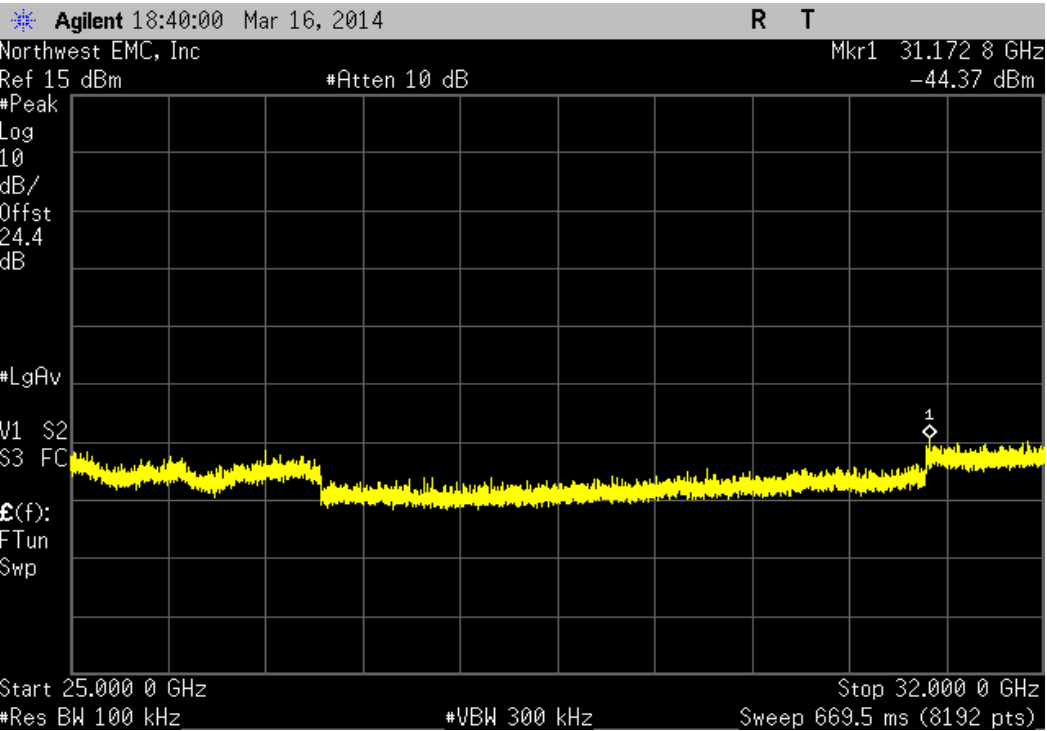
Result

25 GHz - 32 GHz

-46.65 dBc

≤ -20 dBc

Pass



B IEEE 802.11(n), 20 MHz, 5725 MHz - 5850 MHz Band, HT, MCS15, Low Channel 149, 5745 MHz

Frequency

Range

Value

Limit

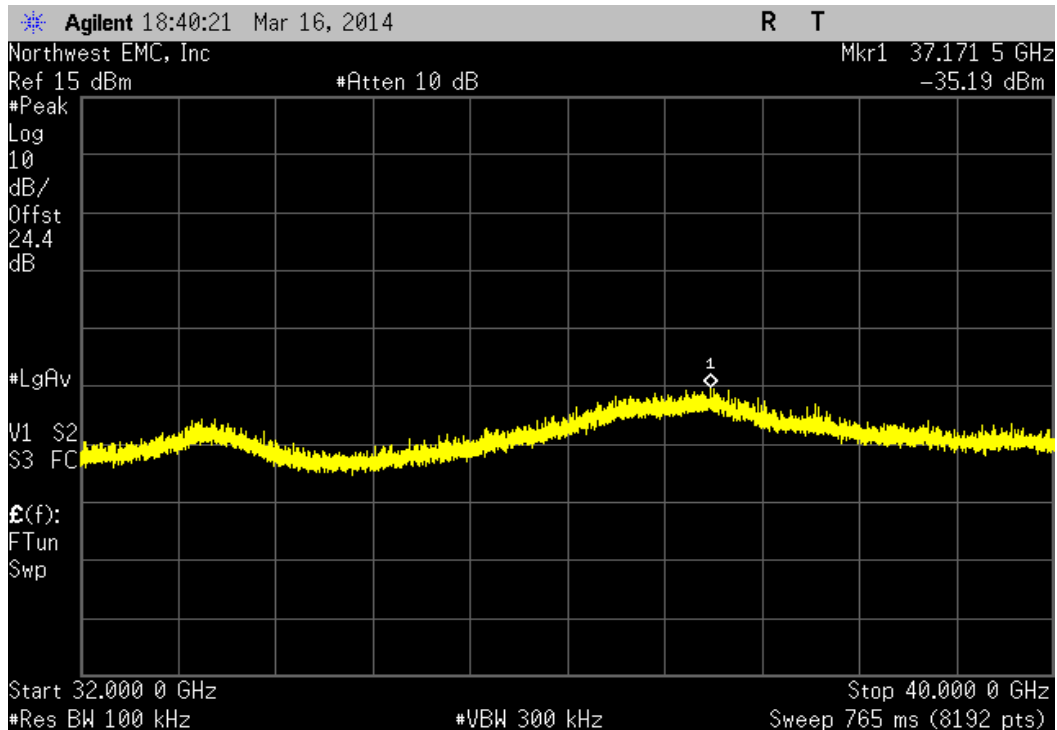
Result

32 GHz - 40 GHz

-37.48 dBc

≤ -20 dBc

Pass



B IEEE 802.11(n), 20 MHz, 5725 MHz - 5850 MHz Band, HT, MCS15, Mid Channel 157, 5785 MHz

Frequency
Range

Value

Limit

Result

Fundamental

N/A

N/A

N/A

Agilent 18:44:48 Mar 16, 2014

R T

Northwest EMC, Inc

Mkr1 5.787 480 8 GHz

Ref 15 dBm

#Atten 10 dB

1.61 dBm

#Peak

Log

10

dB/

Offst

24.4

dB

#LgRv

V1 S2

S3 FC

£(f):

FTun

Swp

Start 5.773 500 0 GHz

Stop 5.796 500 0 GHz

#Res BW 100 kHz

#VBW 300 kHz

Sweep 2.73 ms (8192 pts)

B IEEE 802.11(n), 20 MHz, 5725 MHz - 5850 MHz Band, HT, MCS15, Mid Channel 157, 5785 MHz

Frequency
Range

Value

Limit

Result

30 MHz - 12.5 GHz

-54.29 dBc

≤ -20 dBc

Pass

Agilent 18:45:17 Mar 16, 2014

R T

Northwest EMC, Inc

Mkr1 11.598 7 GHz

Ref 15 dBm

#Atten 10 dB

-52.68 dBm

#Peak

Log

10

dB/

Offst

24.4

dB

#LgRv

V1 S2

S3 FC

£(f):

FTun

Swp

Start 30.0 MHz

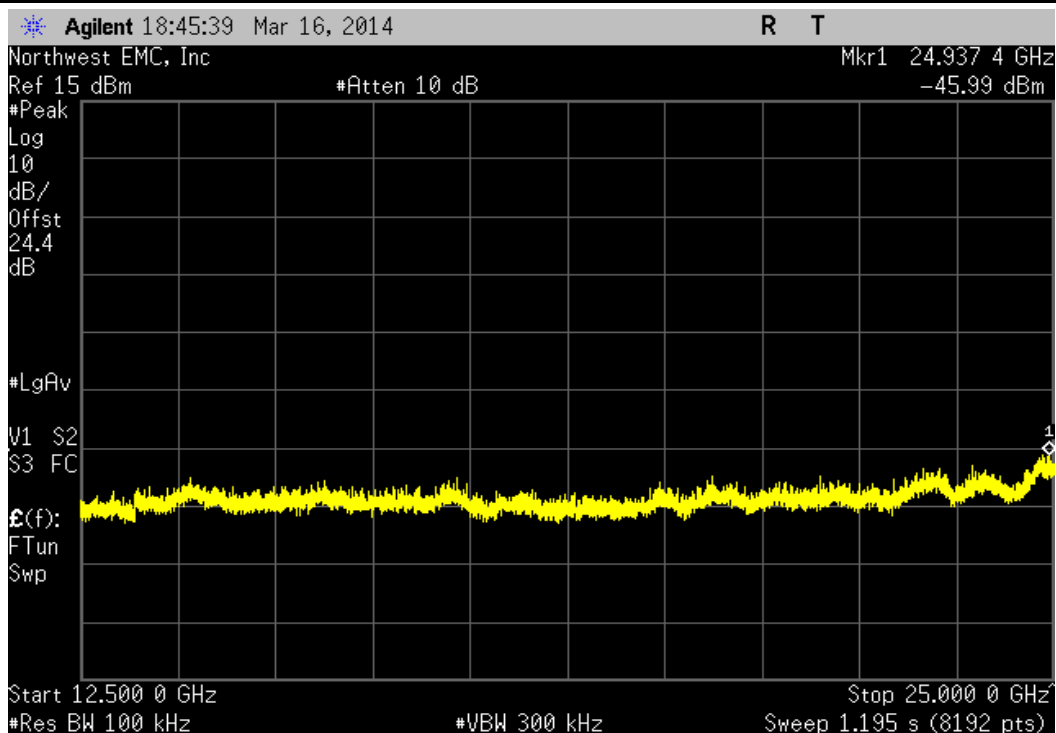
Stop 12.500 0 GHz

#Res BW 100 kHz

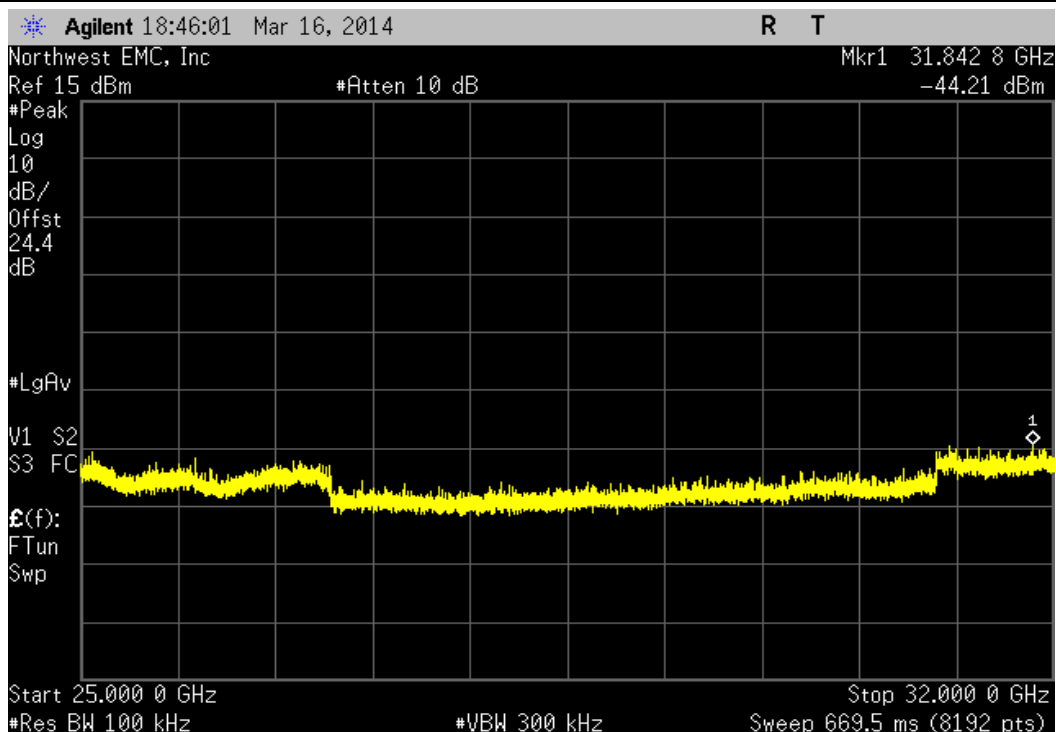
#VBW 300 kHz

Sweep 1.192 s (8192 pts)

B IEEE 802.11(n), 20 MHz, 5725 MHz - 5850 MHz Band, HT, MCS15, Mid Channel 157, 5785 MHz				
Frequency Range	Value	Limit	Result	
12.5 GHz - 25 GHz	-47.6 dBc	≤ -20 dBc	Pass	



B IEEE 802.11(n), 20 MHz, 5725 MHz - 5850 MHz Band, HT, MCS15, Mid Channel 157, 5785 MHz				
Frequency Range	Value	Limit	Result	
25 GHz - 32 GHz	-45.82 dBc	≤ -20 dBc	Pass	



B IEEE 802.11(n), 20 MHz, 5725 MHz - 5850 MHz Band, HT, MCS15, Mid Channel 157, 5785 MHz

Frequency

Range

Value

Limit

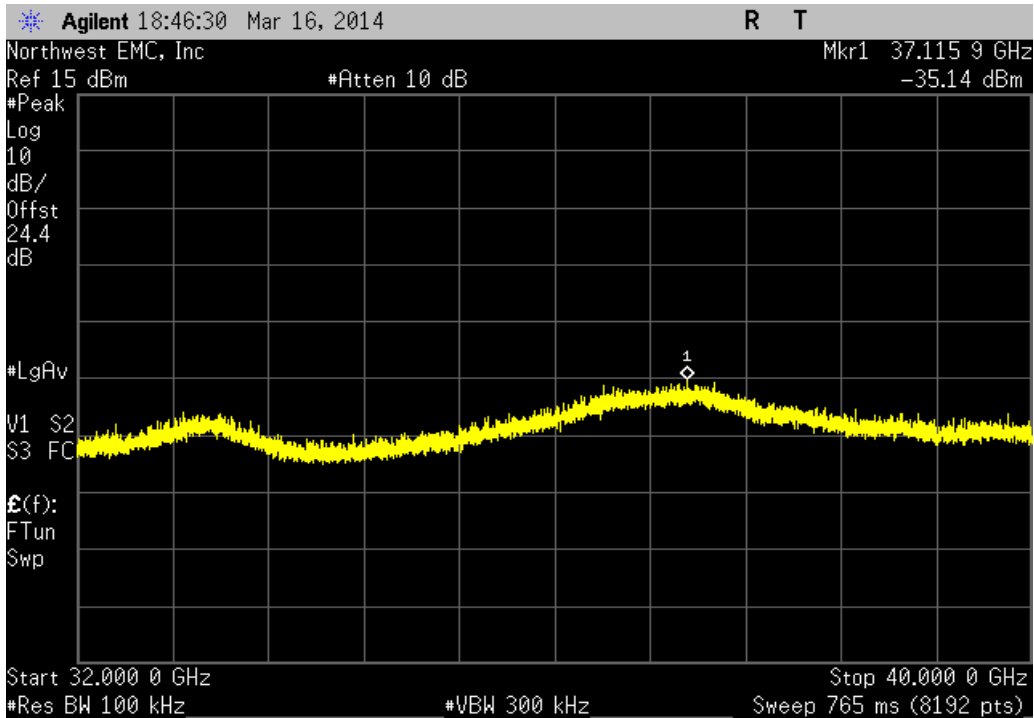
Result

32 GHz - 40 GHz

-36.75 dBc

≤ -20 dBc

Pass



B IEEE 802.11(n), 20 MHz, 5725 MHz - 5850 MHz Band, HT, MCS15, High Channel 165, 5825 MHz

Frequency

Range

Value

Limit

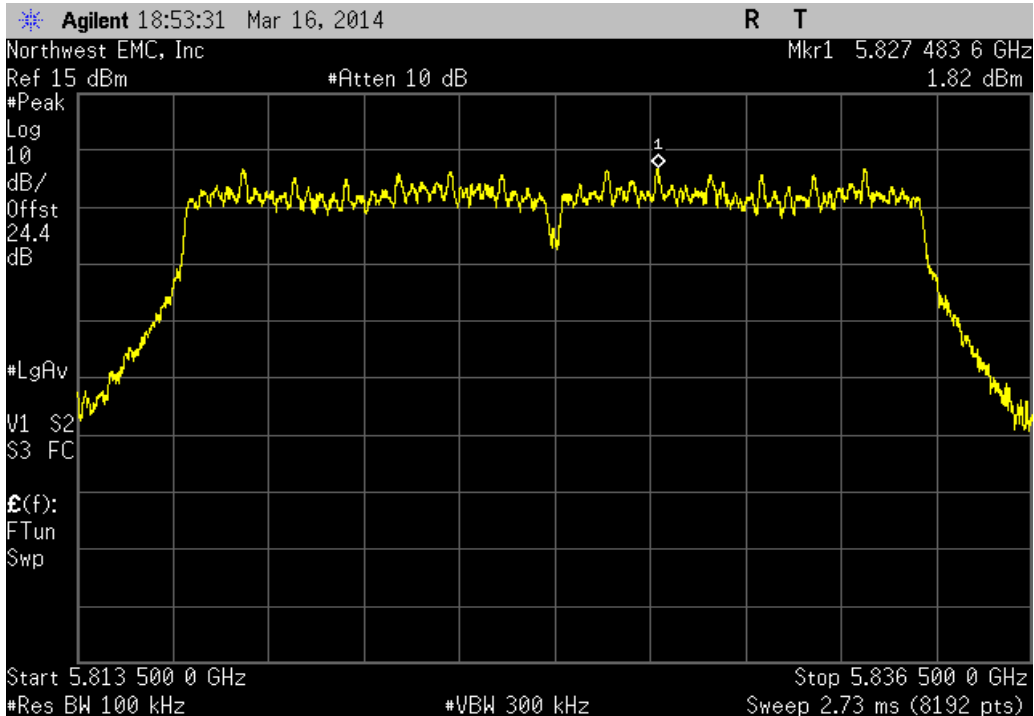
Result

Fundamental

N/A

N/A

N/A



B IEEE 802.11(n), 20 MHz, 5725 MHz - 5850 MHz Band, HT, MCS15, High Channel 165, 5825 MHz

Frequency

Range

Value

Limit

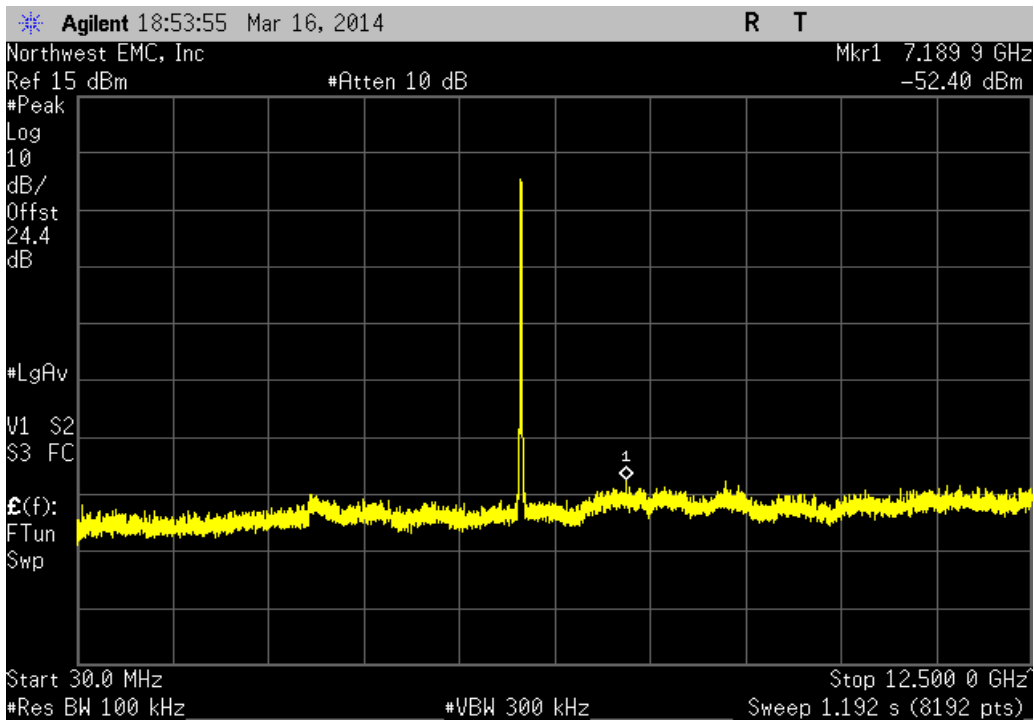
Result

30 MHz - 12.5 GHz

-54.22 dBc

≤ -20 dBc

Pass



B IEEE 802.11(n), 20 MHz, 5725 MHz - 5850 MHz Band, HT, MCS15, High Channel 165, 5825 MHz

Frequency

Range

Value

Limit

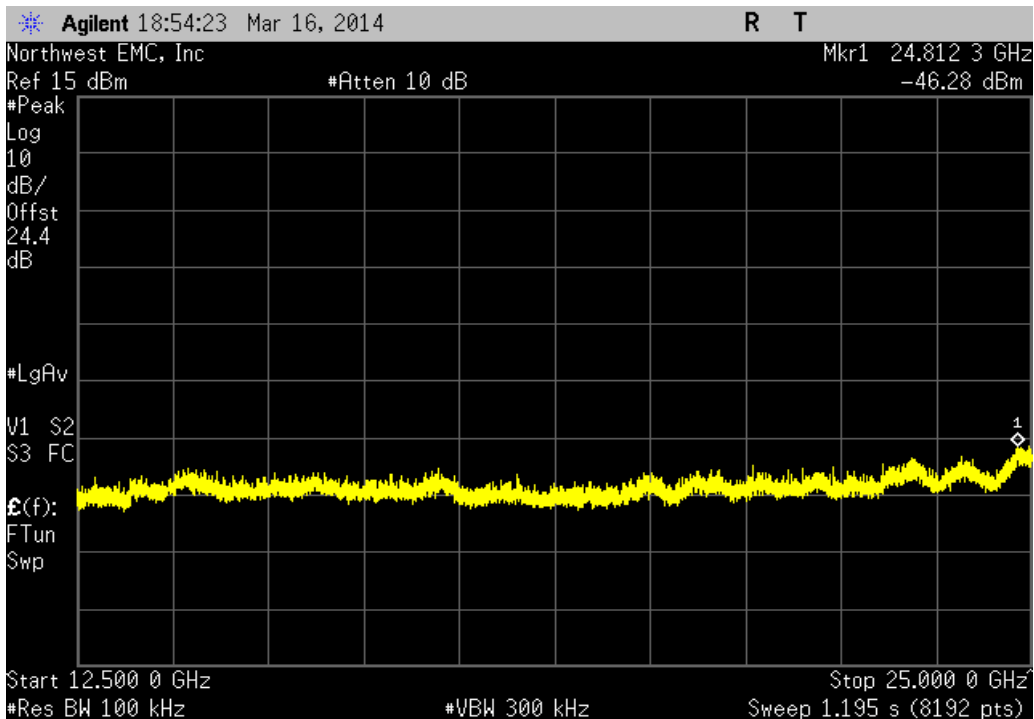
Result

12.5 GHz - 25 GHz

-48.1 dBc

≤ -20 dBc

Pass



B IEEE 802.11(n), 20 MHz, 5725 MHz - 5850 MHz Band, HT, MCS15, High Channel 165, 5825 MHz

Frequency

Range

Value

Limit

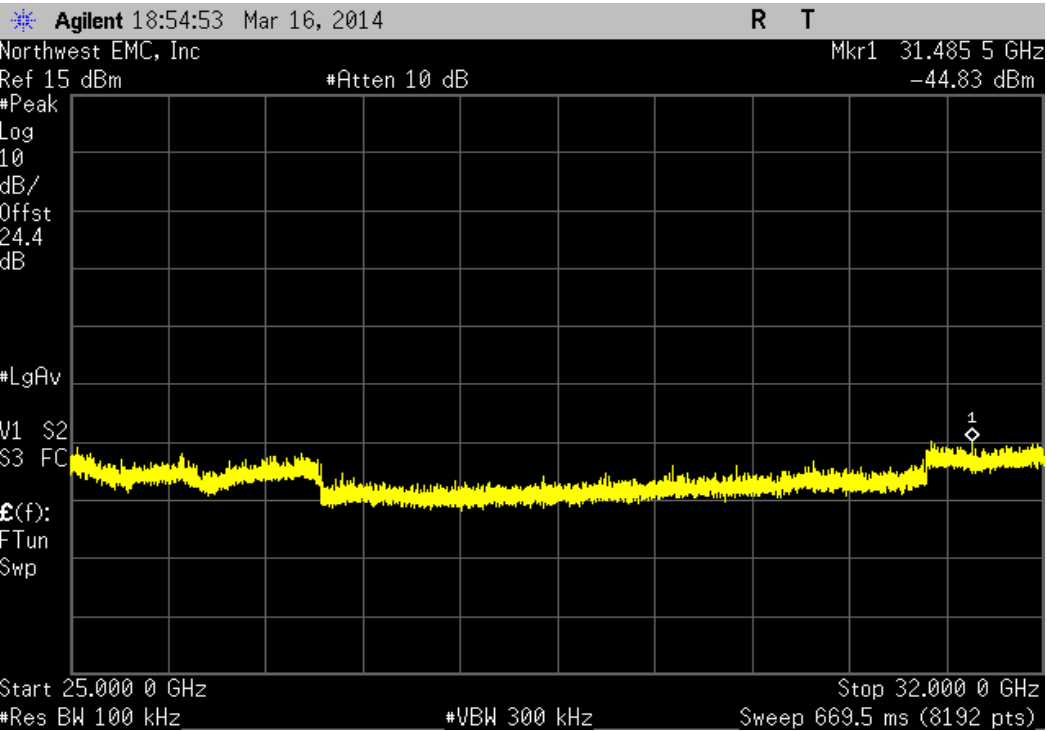
Result

25 GHz - 32 GHz

-46.66 dBc

≤ -20 dBc

Pass



B IEEE 802.11(n), 20 MHz, 5725 MHz - 5850 MHz Band, HT, MCS15, High Channel 165, 5825 MHz

Frequency

Range

Value

Limit

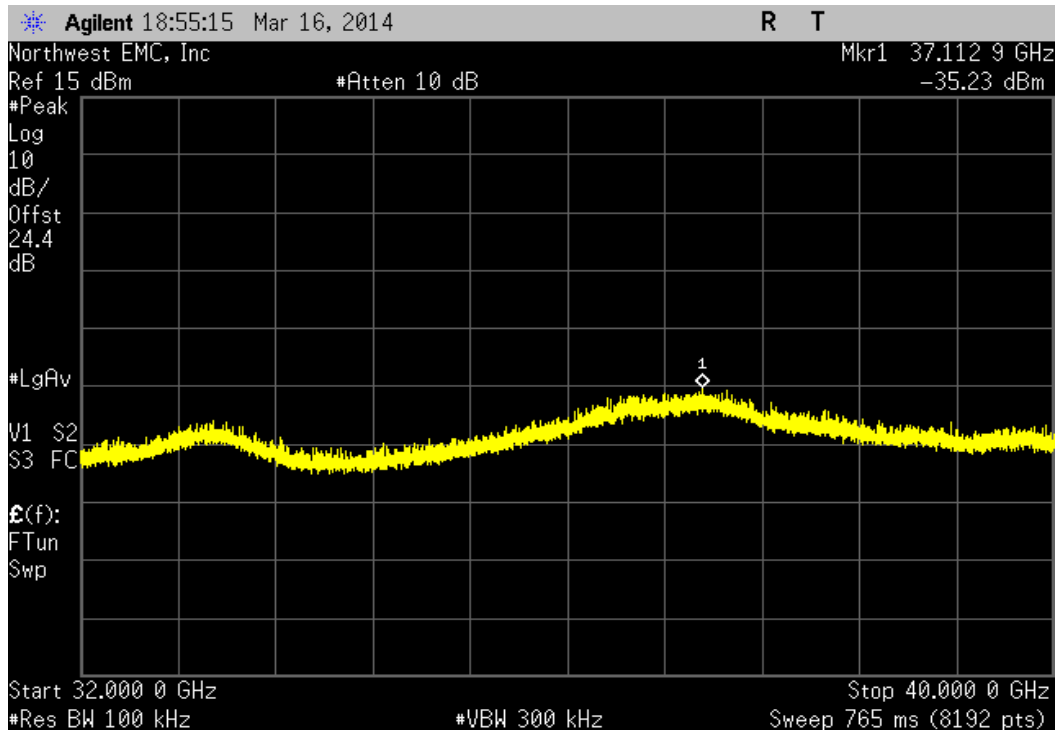
Result

32 GHz - 40 GHz

-37.05 dBc

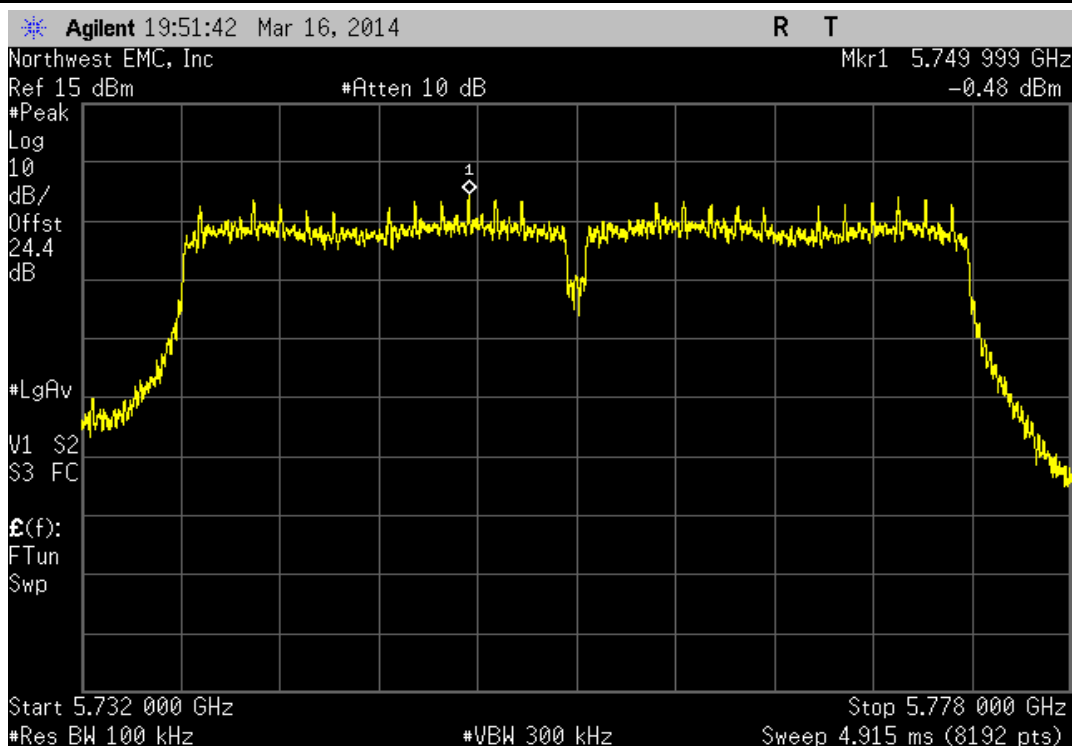
≤ -20 dBc

Pass



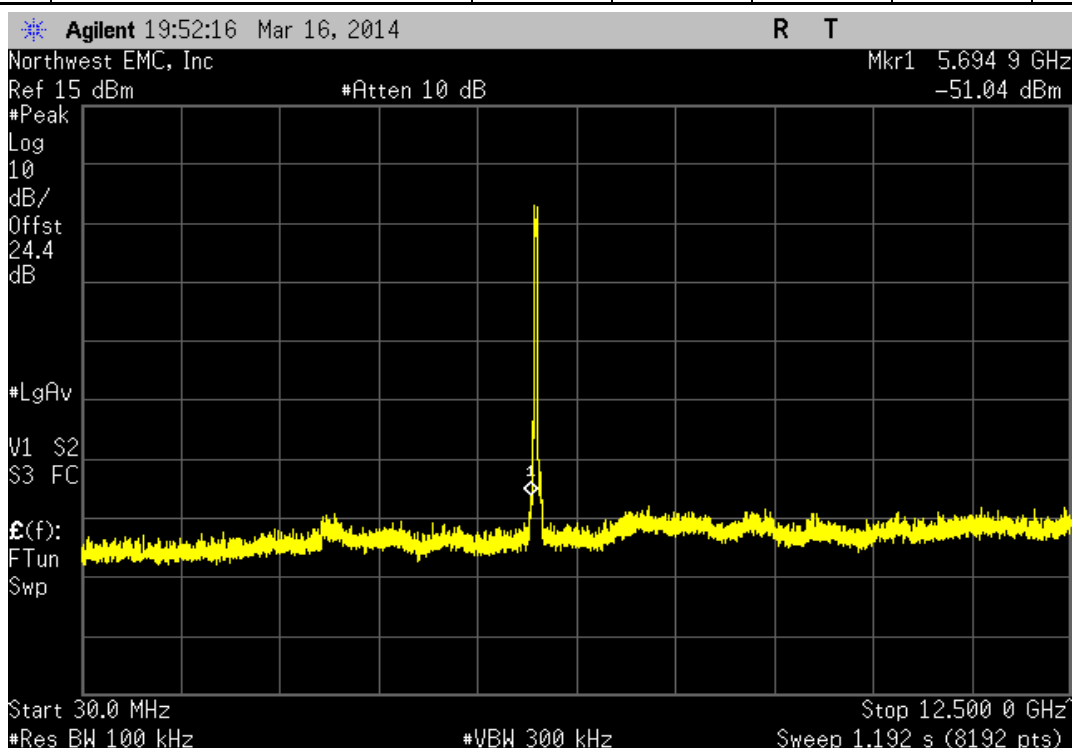
B IEEE 802.11(n), 40 MHz, 5725 MHz - 5850 MHz Band, HT, MCS8, Low Channel 149/153, 5755 MHz

Frequency	Range	Value	Limit	Result
	Fundamental	N/A	N/A	N/A



B IEEE 802.11(n), 40 MHz, 5725 MHz - 5850 MHz Band, HT, MCS8, Low Channel 149/153, 5755 MHz

Frequency	Range	Value	Limit	Result
	30 MHz - 12.5 GHz	-50.56 dBc	≤ -20 dBc	Pass



B IEEE 802.11(n), 40 MHz, 5725 MHz - 5850 MHz Band, HT, MCS8, Low Channel 149/153, 5755 MHz

Frequency

Range

Value

Limit

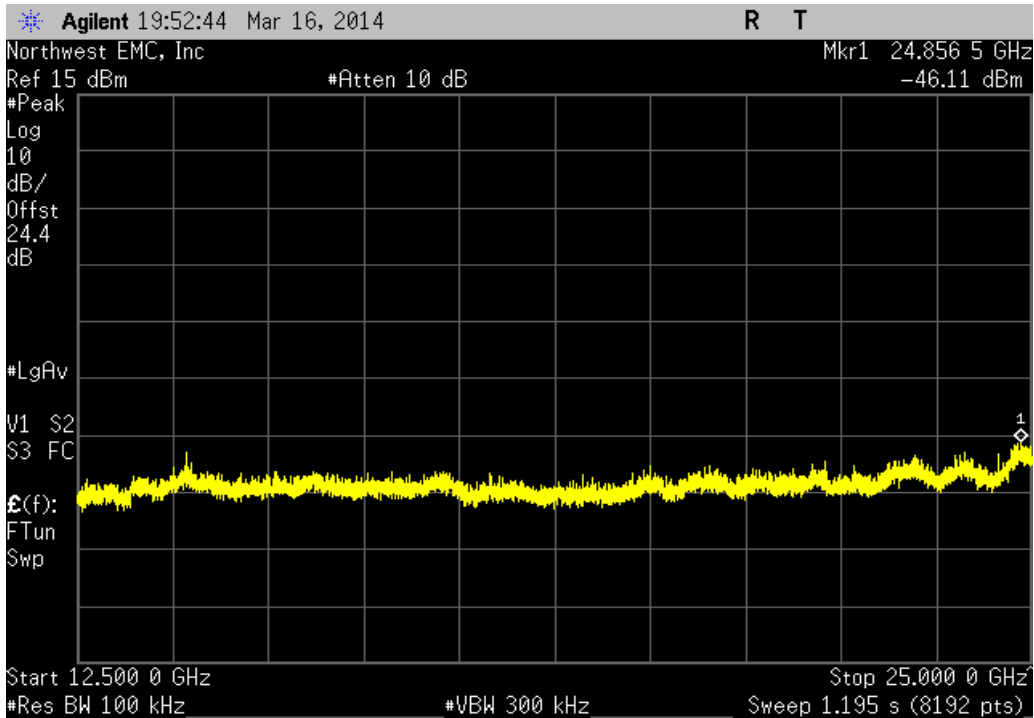
Result

12.5 GHz - 25 GHz

-45.63 dBc

≤ -20 dBc

Pass



B IEEE 802.11(n), 40 MHz, 5725 MHz - 5850 MHz Band, HT, MCS8, Low Channel 149/153, 5755 MHz

Frequency

Range

Value

Limit

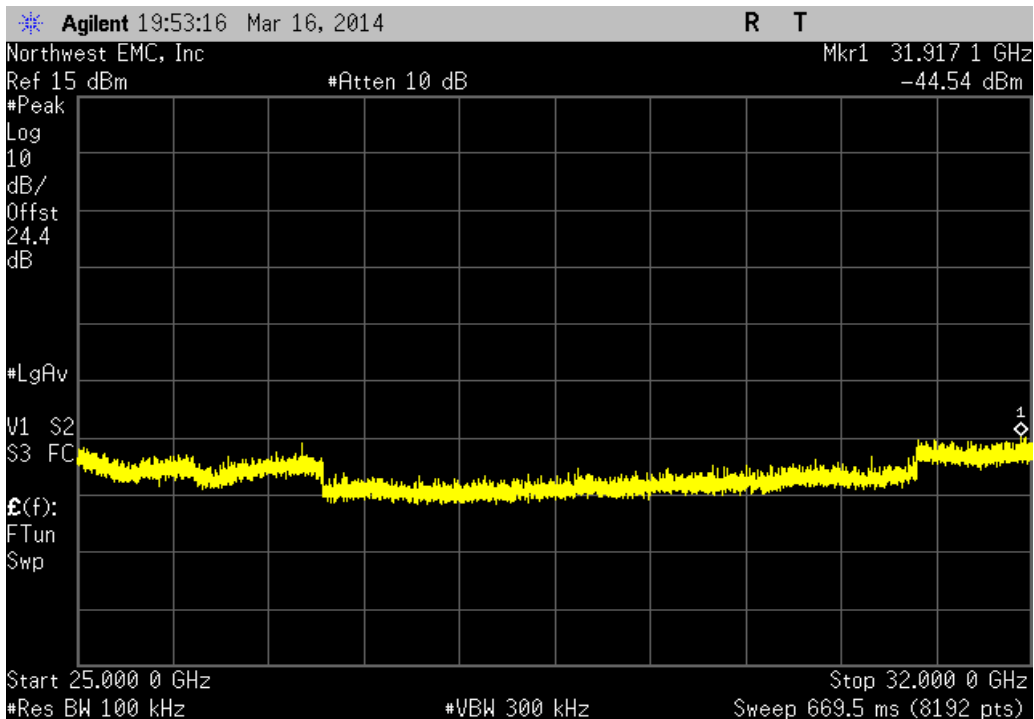
Result

25 GHz - 32 GHz

-44.06 dBc

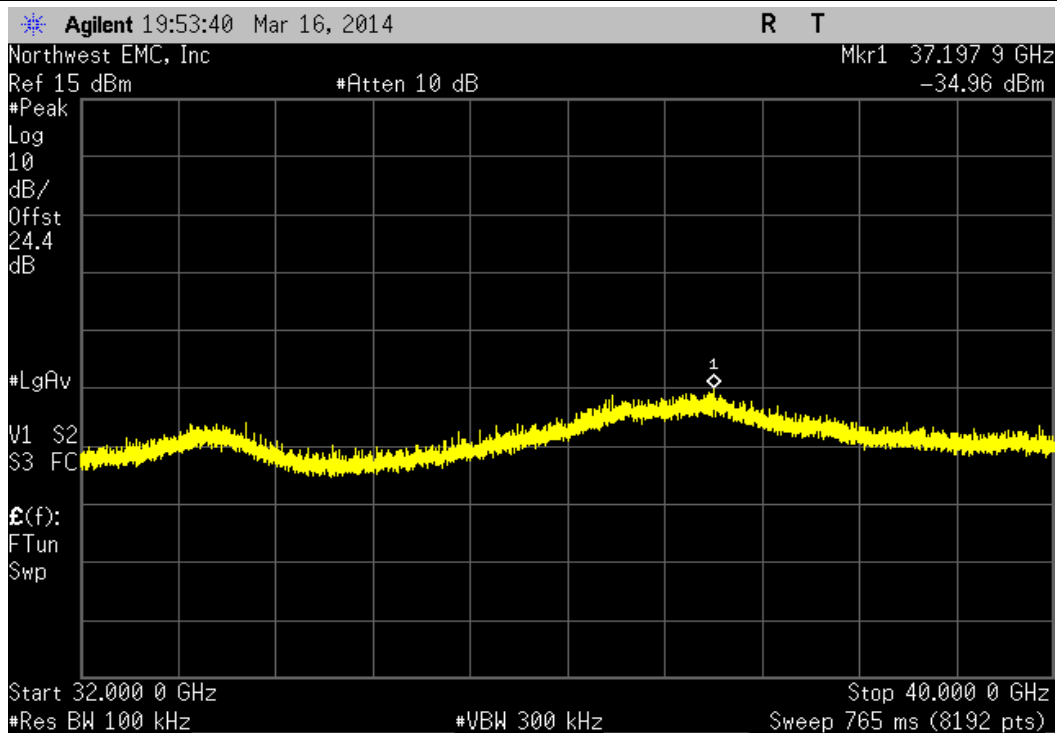
≤ -20 dBc

Pass



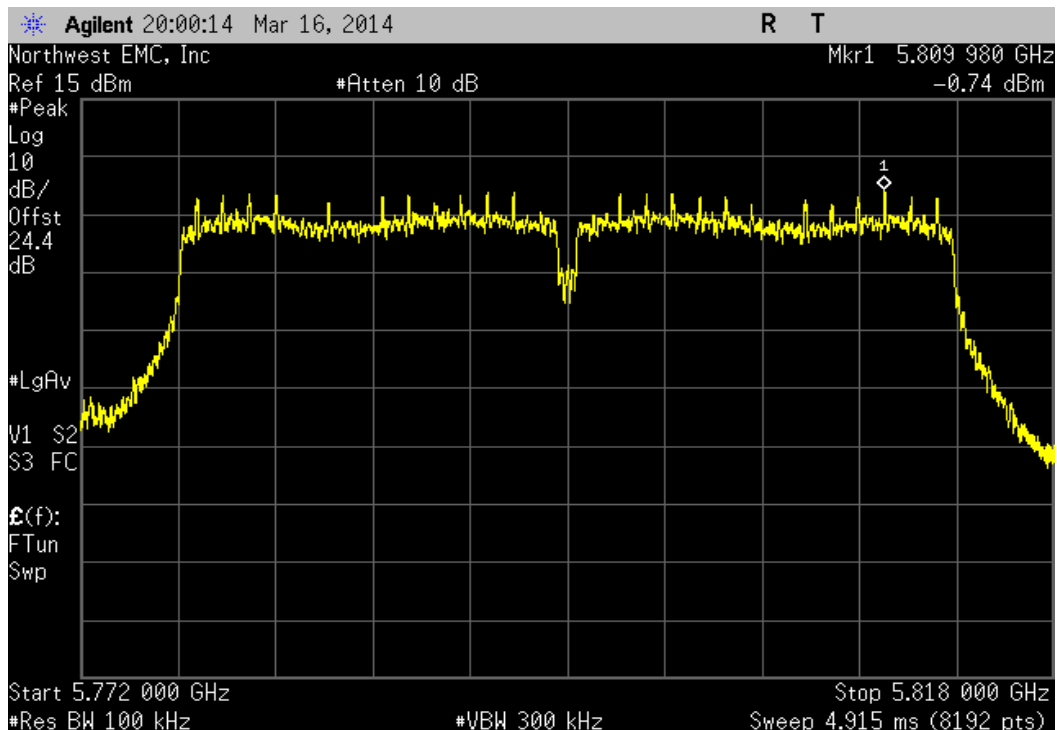
B IEEE 802.11(n), 40 MHz, 5725 MHz - 5850 MHz Band, HT, MCS8, Low Channel 149/153, 5755 MHz

Frequency Range	Value	Limit	Result
32 GHz - 40 GHz	-34.48 dBc	≤ -20 dBc	Pass



B IEEE 802.11(n), 40 MHz, 5725 MHz - 5850 MHz Band, HT, MCS8, High Channel 157/161, 5795 MHz

Frequency Range	Value	Limit	Result
Fundamental	N/A	N/A	N/A



B IEEE 802.11(n), 40 MHz, 5725 MHz - 5850 MHz Band, HT, MCS8, High Channel 157/161, 5795 MHz

Frequency

Range

Value

Limit

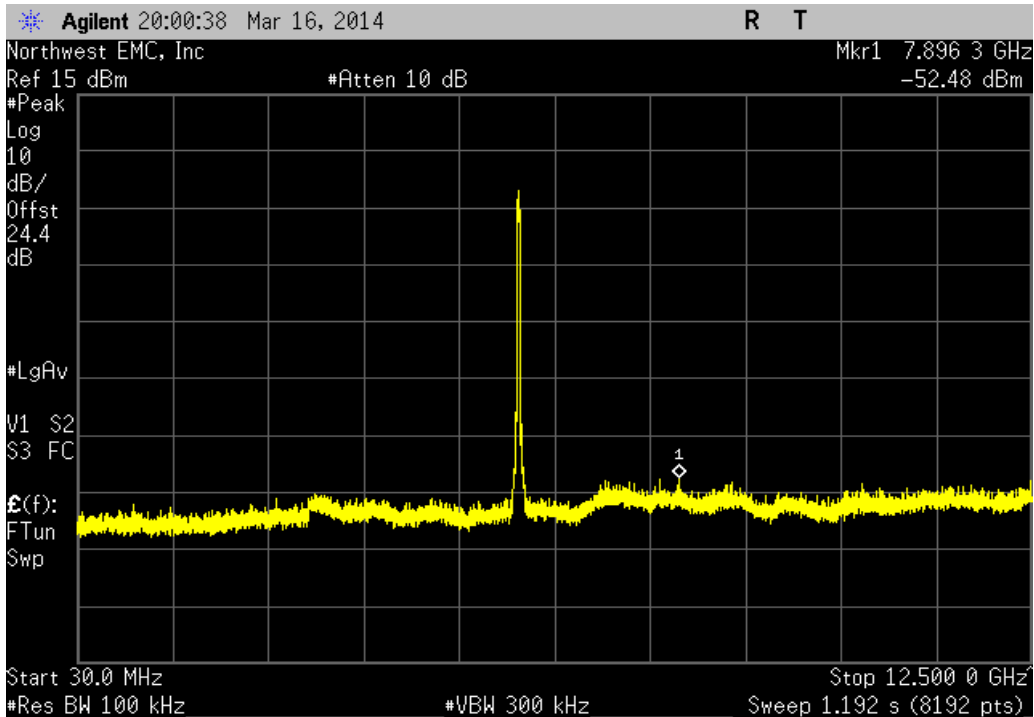
Result

30 MHz - 12.5 GHz

-51.74 dBc

≤ -20 dBc

Pass



B IEEE 802.11(n), 40 MHz, 5725 MHz - 5850 MHz Band, HT, MCS8, High Channel 157/161, 5795 MHz

Frequency

Range

Value

Limit

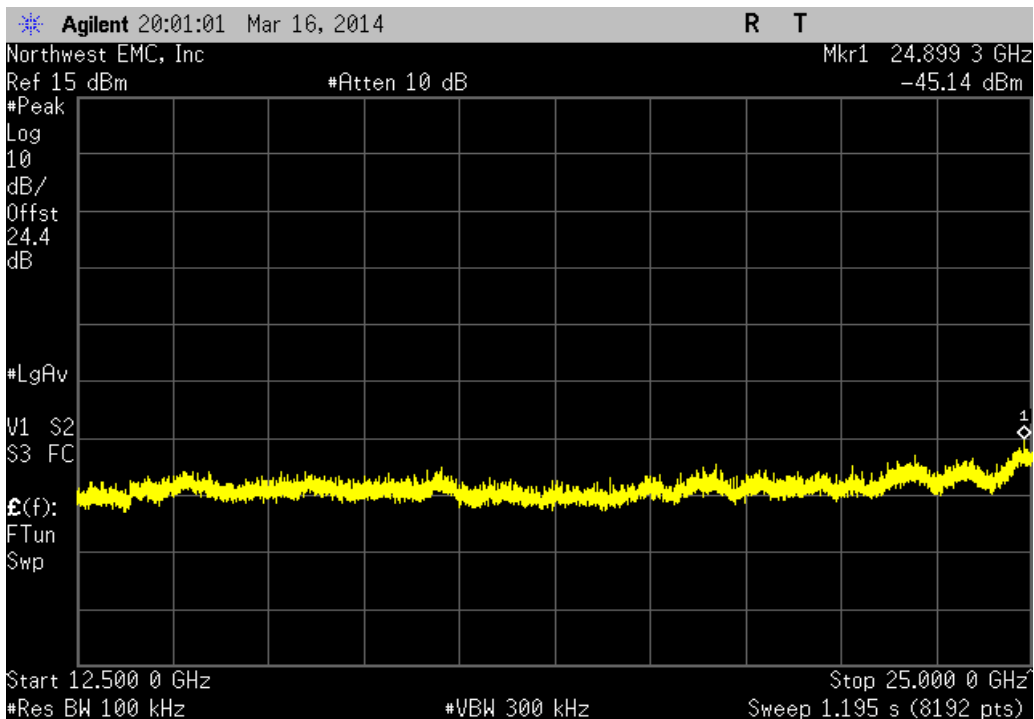
Result

12.5 GHz - 25 GHz

-44.4 dBc

≤ -20 dBc

Pass



B IEEE 802.11(n), 40 MHz, 5725 MHz - 5850 MHz Band, HT, MCS8, High Channel 157/161, 5795 MHz

Frequency

Range

Value

Limit

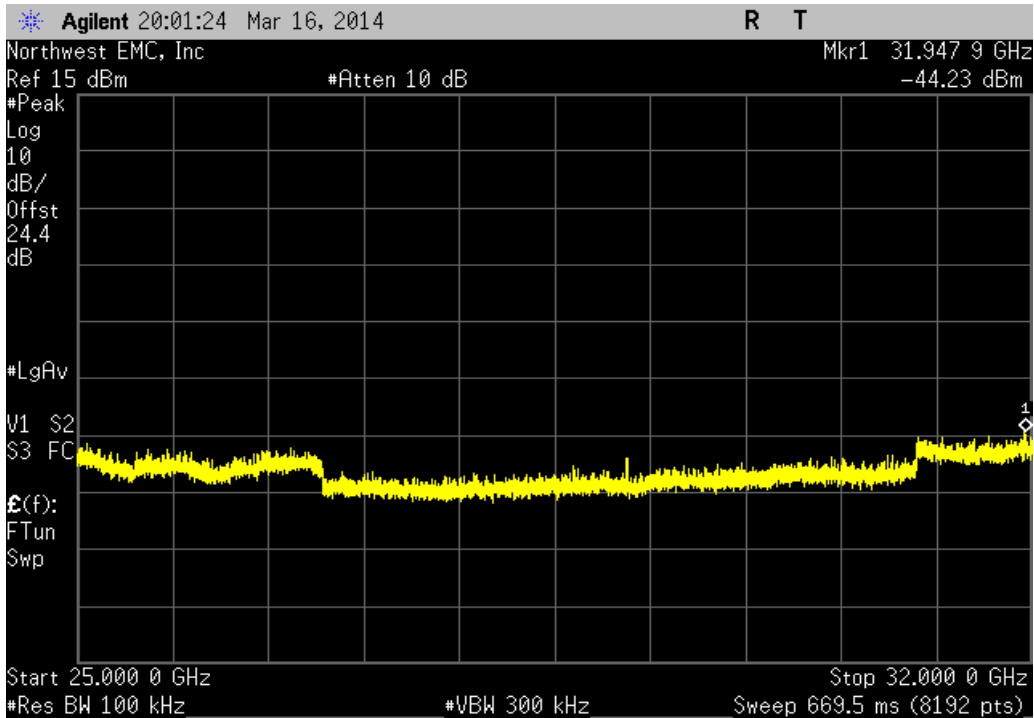
Result

25 GHz - 32 GHz

-43.49 dBc

≤ -20 dBc

Pass



B IEEE 802.11(n), 40 MHz, 5725 MHz - 5850 MHz Band, HT, MCS8, High Channel 157/161, 5795 MHz

Frequency

Range

Value

Limit

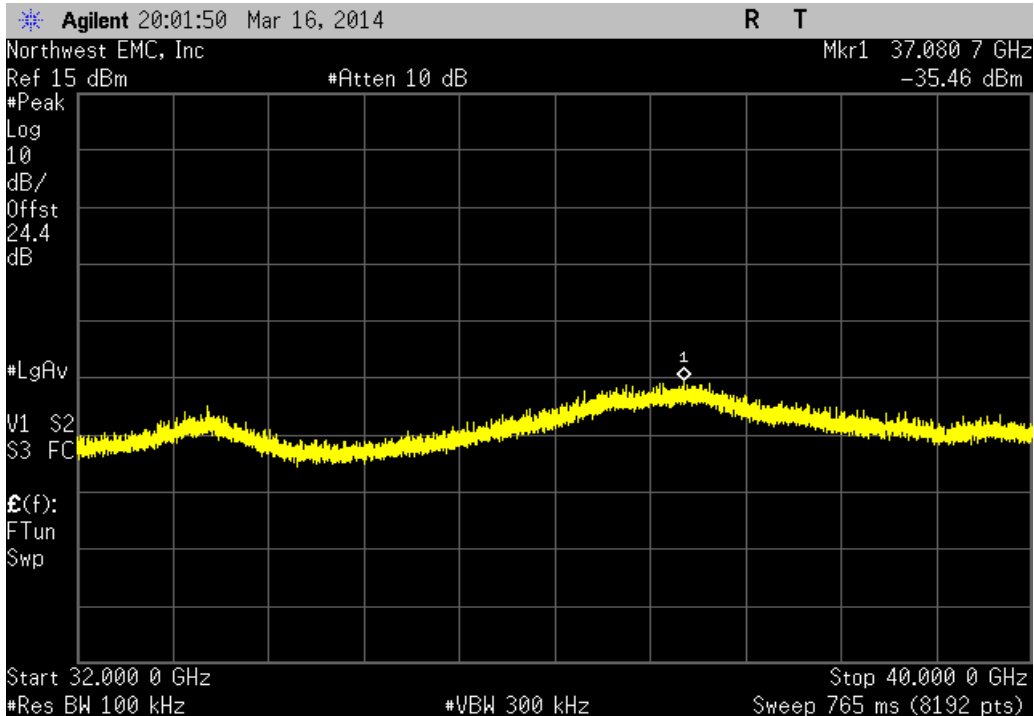
Result

32 GHz - 40 GHz

-34.72 dBc

≤ -20 dBc

Pass



B IEEE 802.11(n), 40 MHz, 5725 MHz - 5850 MHz Band, HT, MCS15, Low Channel 149/153, 5755 MHz

Frequency
Range

Value

Limit

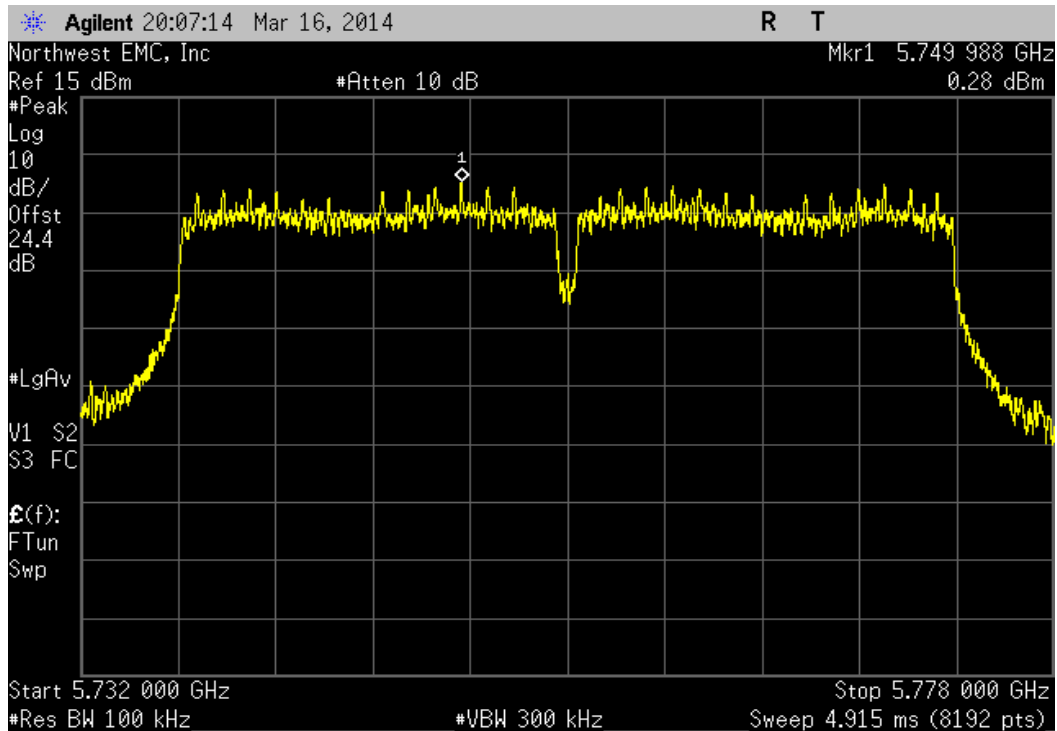
Result

Fundamental

N/A

N/A

N/A



B IEEE 802.11(n), 40 MHz, 5725 MHz - 5850 MHz Band, HT, MCS15, Low Channel 149/153, 5755 MHz

Frequency
Range

Value

Limit

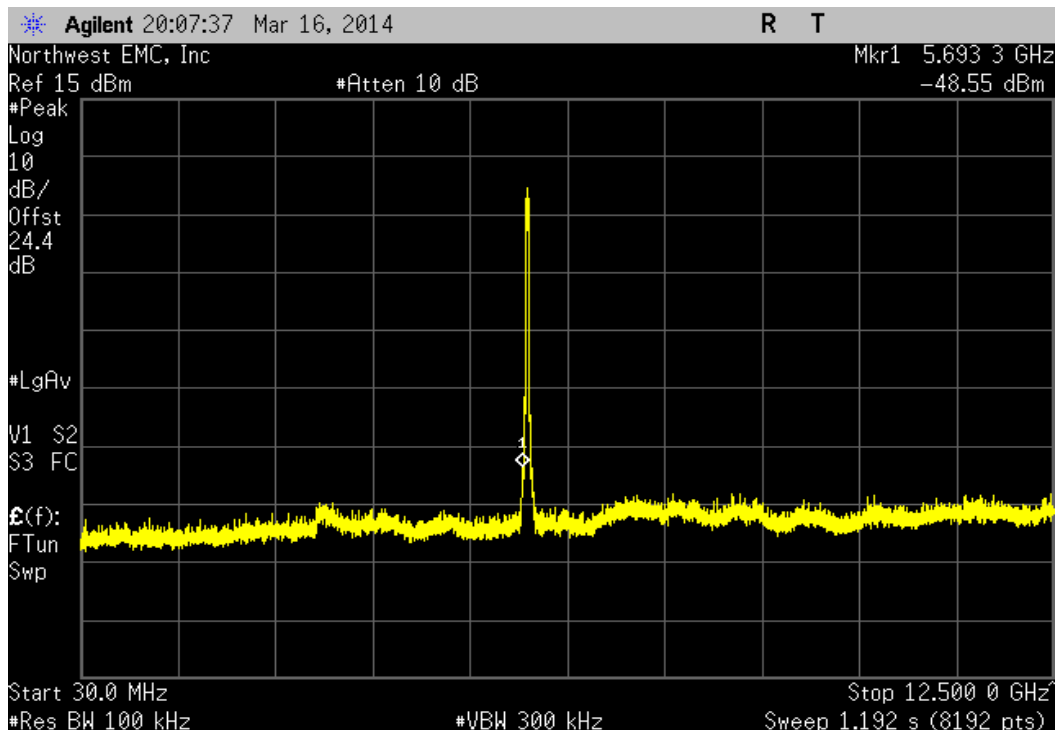
Result

30 MHz - 12.5 GHz

-48.83 dBc

≤ -20 dBc

Pass



B IEEE 802.11(n), 40 MHz, 5725 MHz - 5850 MHz Band, HT, MCS15, Low Channel 149/153, 5755 MHz

Frequency

Range

Value

Limit

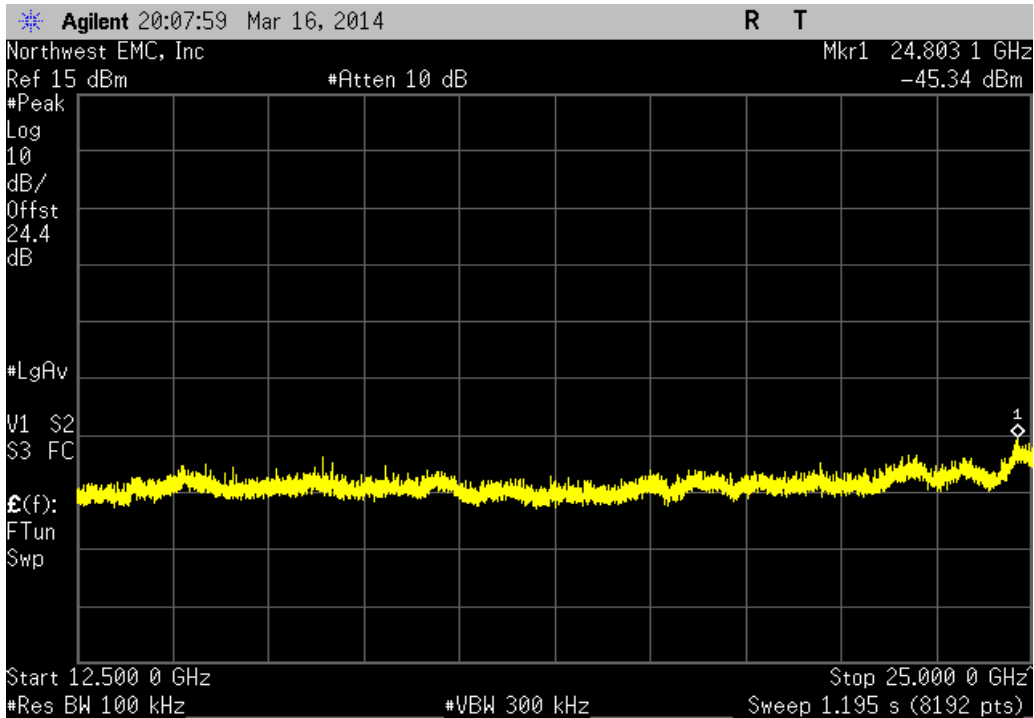
Result

12.5 GHz - 25 GHz

-45.62 dBc

≤ -20 dBc

Pass



B IEEE 802.11(n), 40 MHz, 5725 MHz - 5850 MHz Band, HT, MCS15, Low Channel 149/153, 5755 MHz

Frequency

Range

Value

Limit

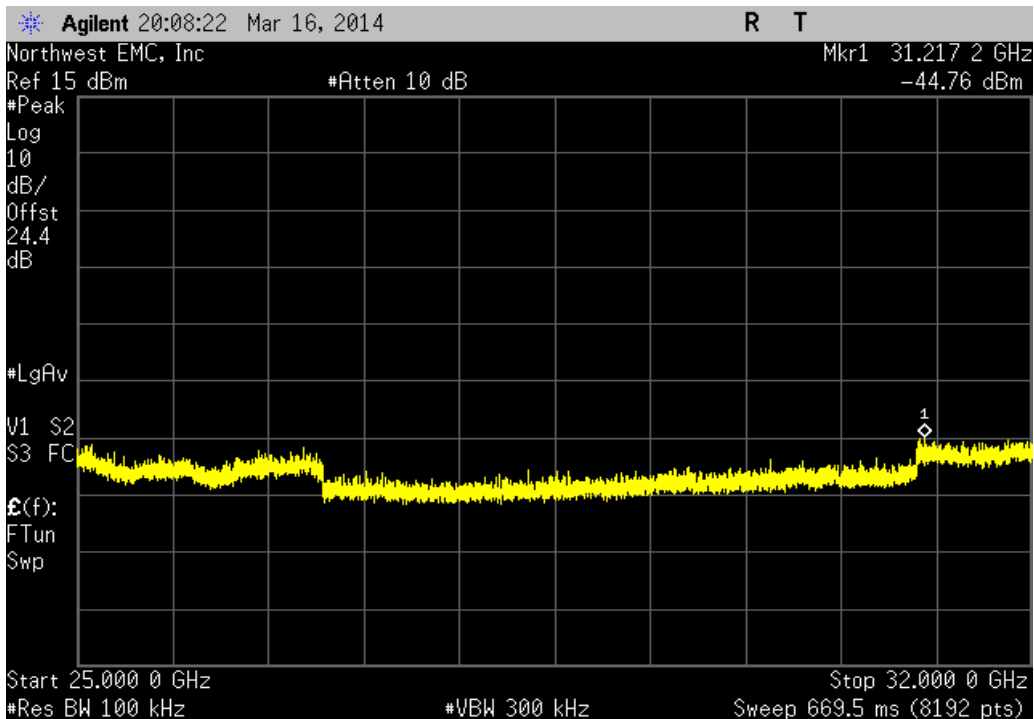
Result

25 GHz - 32 GHz

-45.04 dBc

≤ -20 dBc

Pass



B IEEE 802.11(n), 40 MHz, 5725 MHz - 5850 MHz Band, HT, MCS15, Low Channel 149/153, 5755 MHz

Frequency

Range

Value

Limit

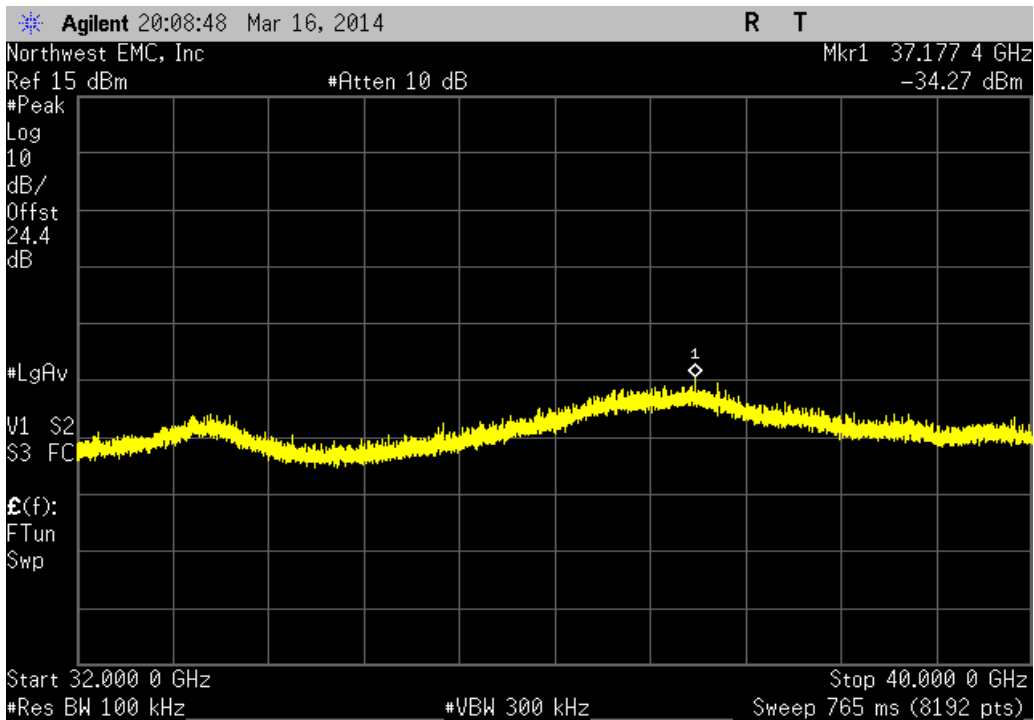
Result

32 GHz - 40 GHz

-34.55 dBc

≤ -20 dBc

Pass



B IEEE 802.11(n), 40 MHz, 5725 MHz - 5850 MHz Band, HT, MCS15, High Channel 157/161, 5795 MHz

Frequency

Range

Value

Limit

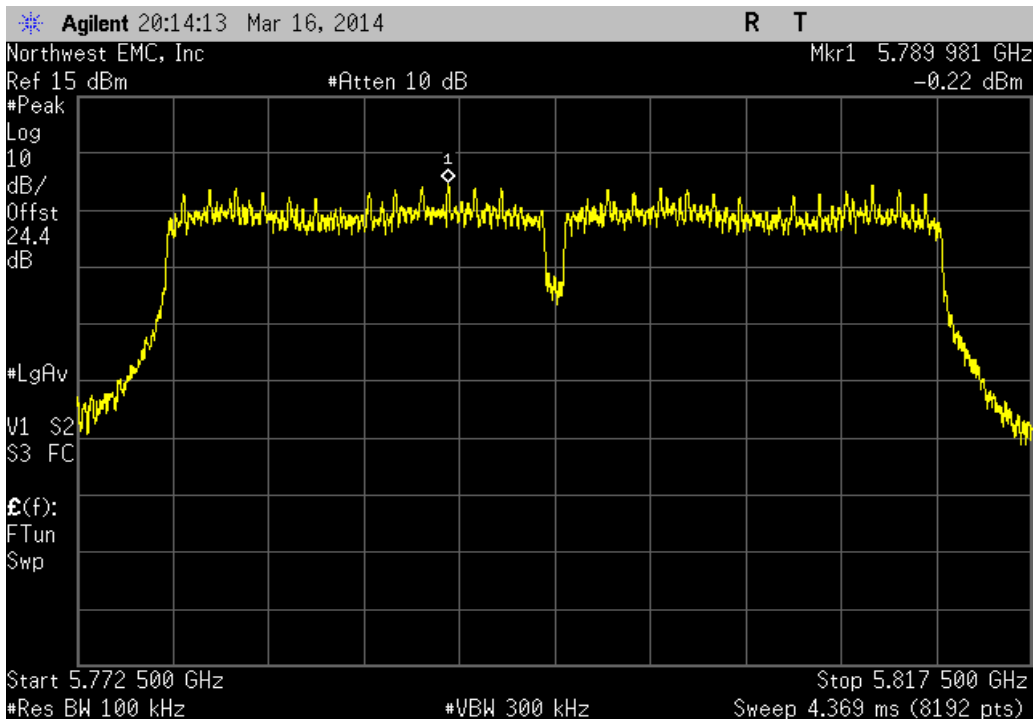
Result

Fundamental

N/A

N/A

N/A



B IEEE 802.11(n), 40 MHz, 5725 MHz - 5850 MHz Band, HT, MCS15, High Channel 157/161, 5795 MHz

**Frequency
Range**

Value

Limit

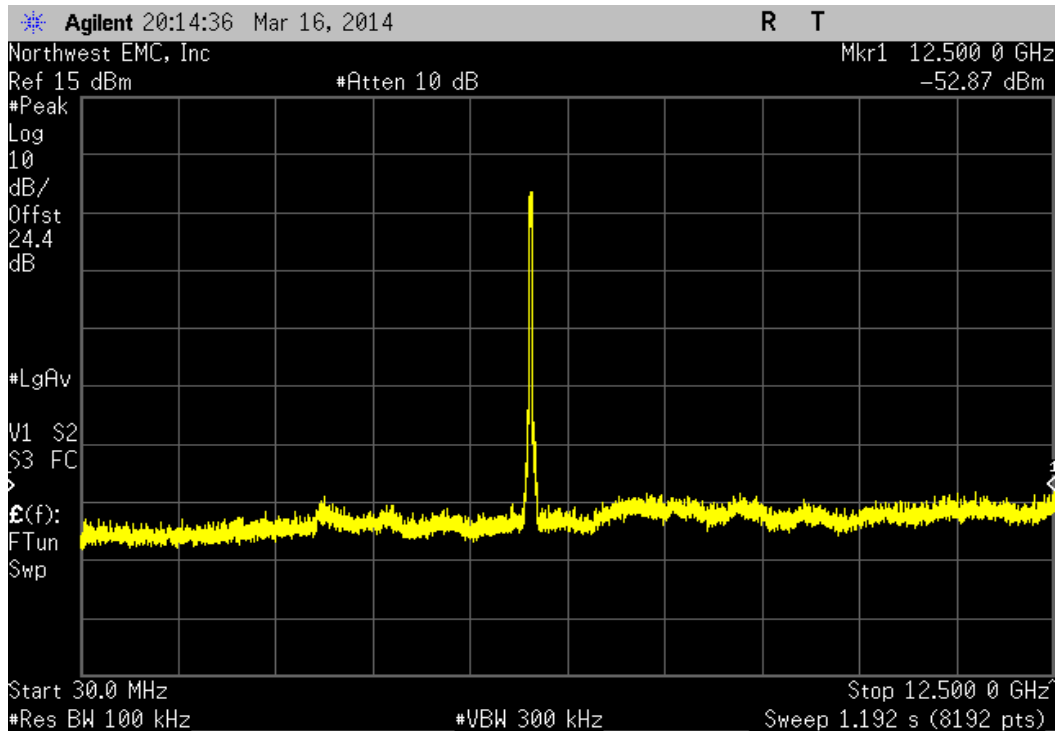
Result

30 MHz - 12.5 GHz

-52.65 dBc

≤ -20 dBc

Pass



B IEEE 802.11(n), 40 MHz, 5725 MHz - 5850 MHz Band, HT, MCS15, High Channel 157/161, 5795 MHz

**Frequency
Range**

Value

Limit

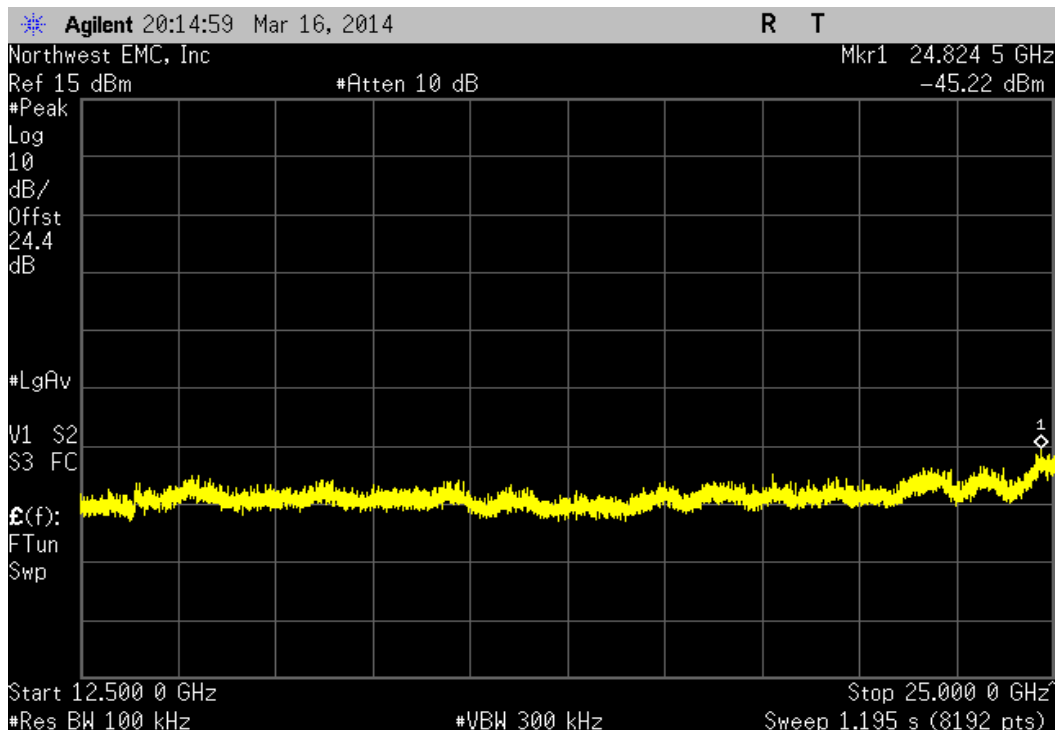
Result

12.5 GHz - 25 GHz

-45 dBc

≤ -20 dBc

Pass



B IEEE 802.11(n), 40 MHz, 5725 MHz - 5850 MHz Band, HT, MCS15, High Channel 157/161, 5795 MHz

Frequency

Range

Value

Limit

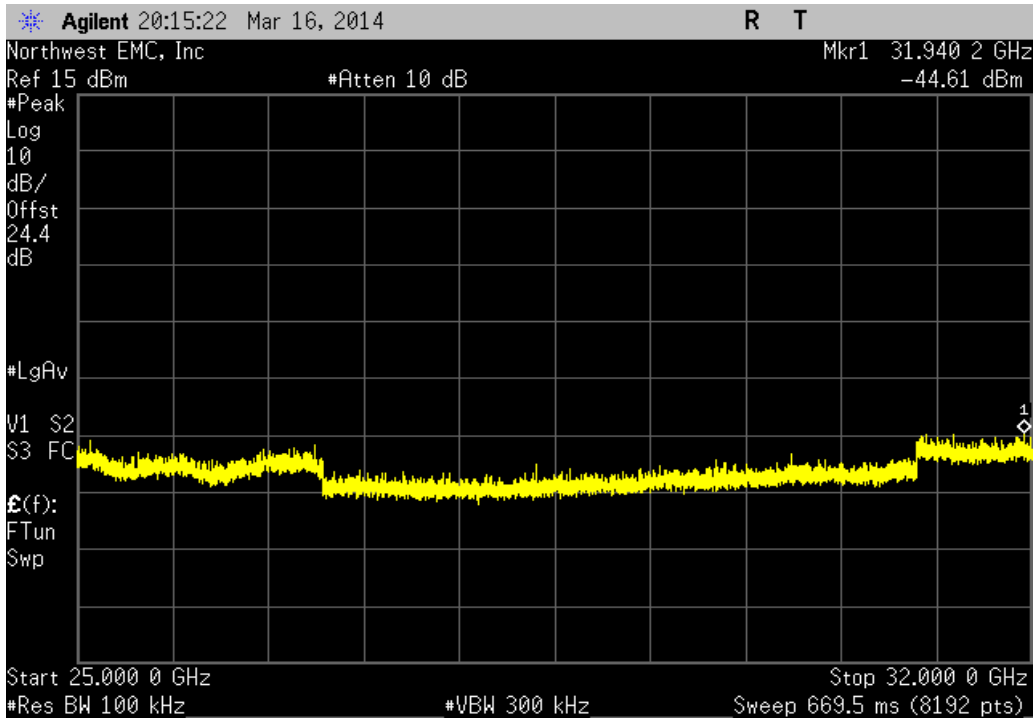
Result

25 GHz - 32 GHz

-44.39 dBc

≤ -20 dBc

Pass



B IEEE 802.11(n), 40 MHz, 5725 MHz - 5850 MHz Band, HT, MCS15, High Channel 157/161, 5795 MHz

Frequency

Range

Value

Limit

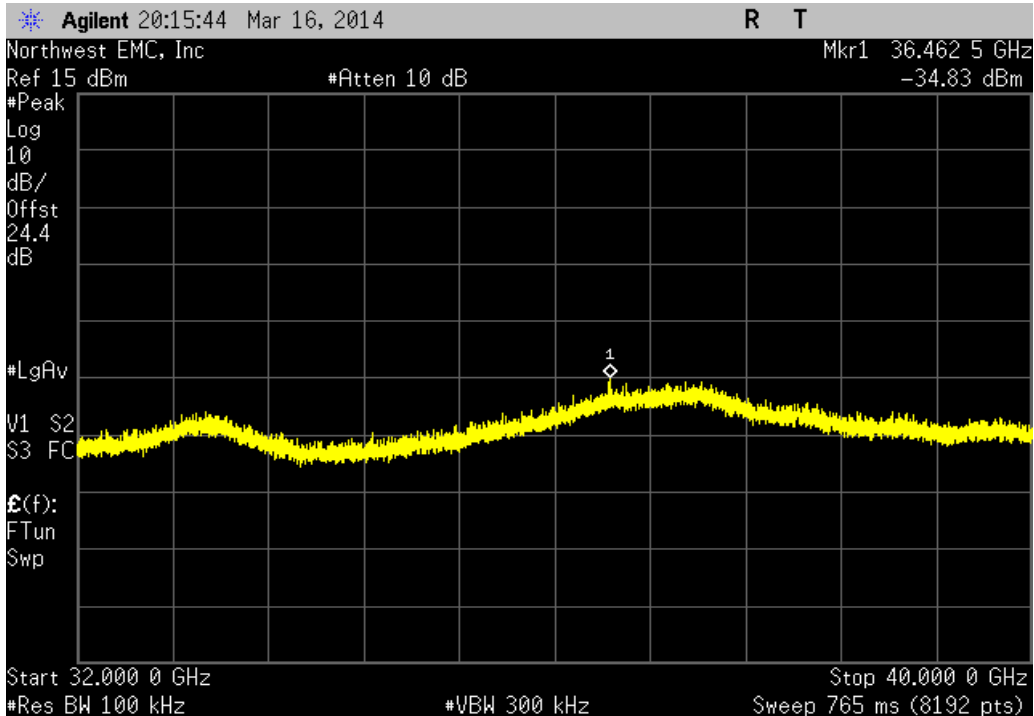
Result

32 GHz - 40 GHz

-34.61 dBc

≤ -20 dBc

Pass



B IEEE 802.11(ac), 20 MHz, 5725 MHz - 5850 MHz Band, VHT, MCS0, Low Channel 149, 5745 MHz

**Frequency
Range**

Value

Limit

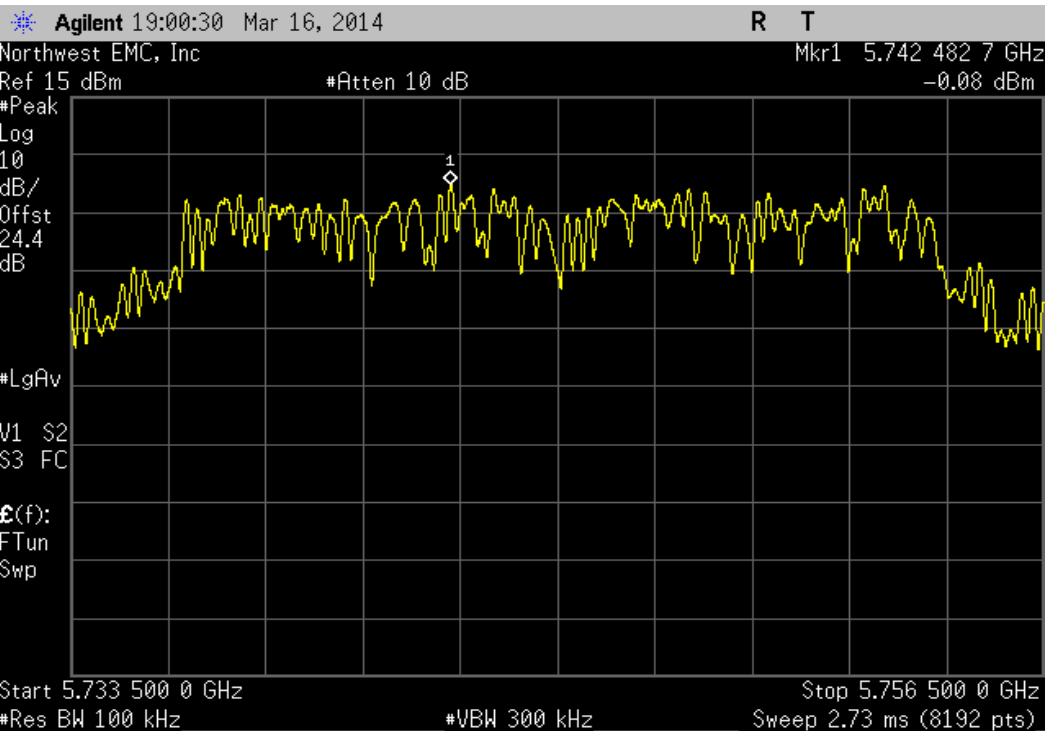
Result

Fundamental

N/A

N/A

N/A



B IEEE 802.11(ac), 20 MHz, 5725 MHz - 5850 MHz Band, VHT, MCS0, Low Channel 149, 5745 MHz

**Frequency
Range**

Value

Limit

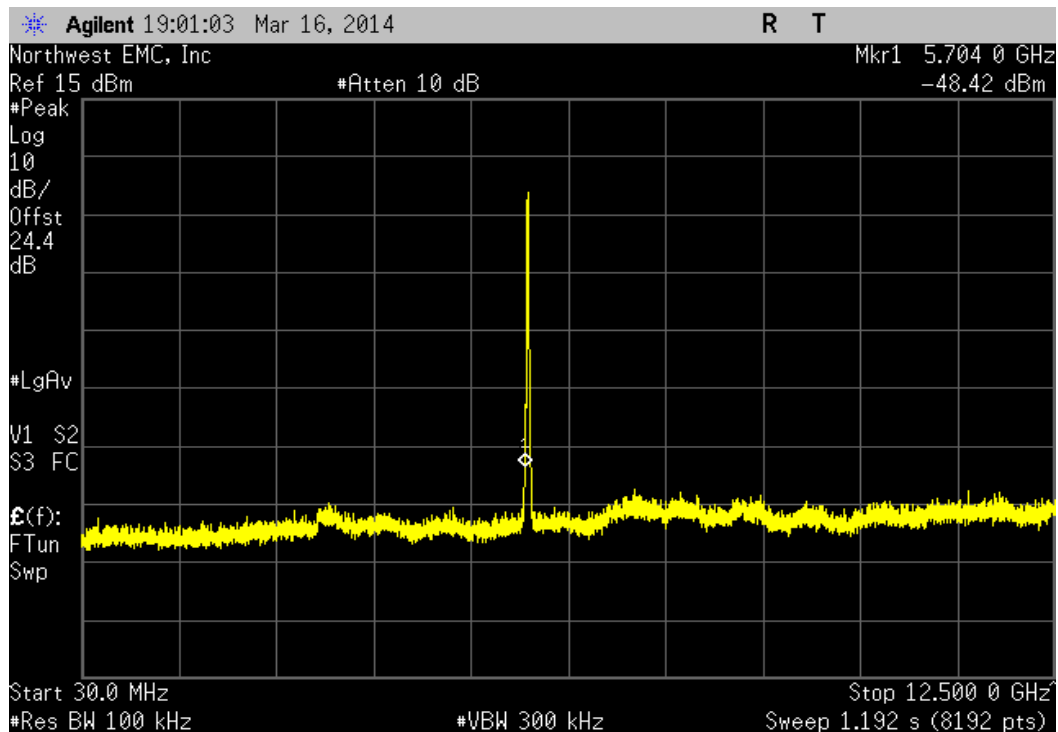
Result

30 MHz - 12.5 GHz

-48.34 dBc

≤ -20 dBc

Pass



B IEEE 802.11(ac), 20 MHz, 5725 MHz - 5850 MHz Band, VHT, MCS0, Low Channel 149, 5745 MHz

Frequency

Range

Value

Limit

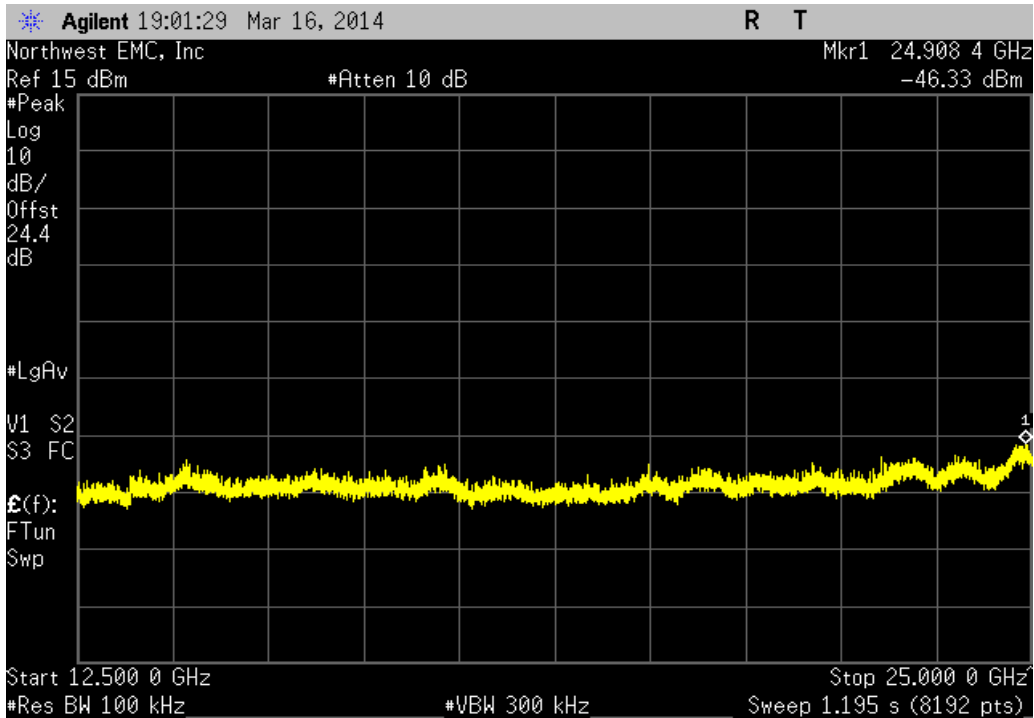
Result

12.5 GHz - 25 GHz

-46.25 dBc

≤ -20 dBc

Pass



B IEEE 802.11(ac), 20 MHz, 5725 MHz - 5850 MHz Band, VHT, MCS0, Low Channel 149, 5745 MHz

Frequency

Range

Value

Limit

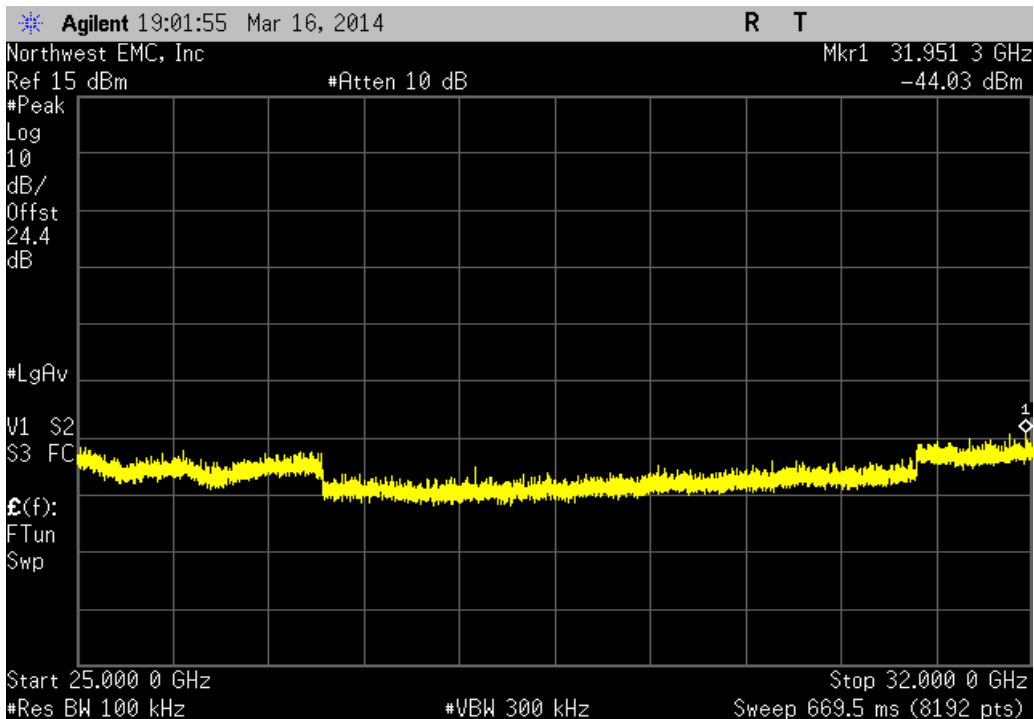
Result

25 GHz - 32 GHz

-43.95 dBc

≤ -20 dBc

Pass



B IEEE 802.11(ac), 20 MHz, 5725 MHz - 5850 MHz Band, VHT, MCS0, Low Channel 149, 5745 MHz

Frequency

Range

Value

Limit

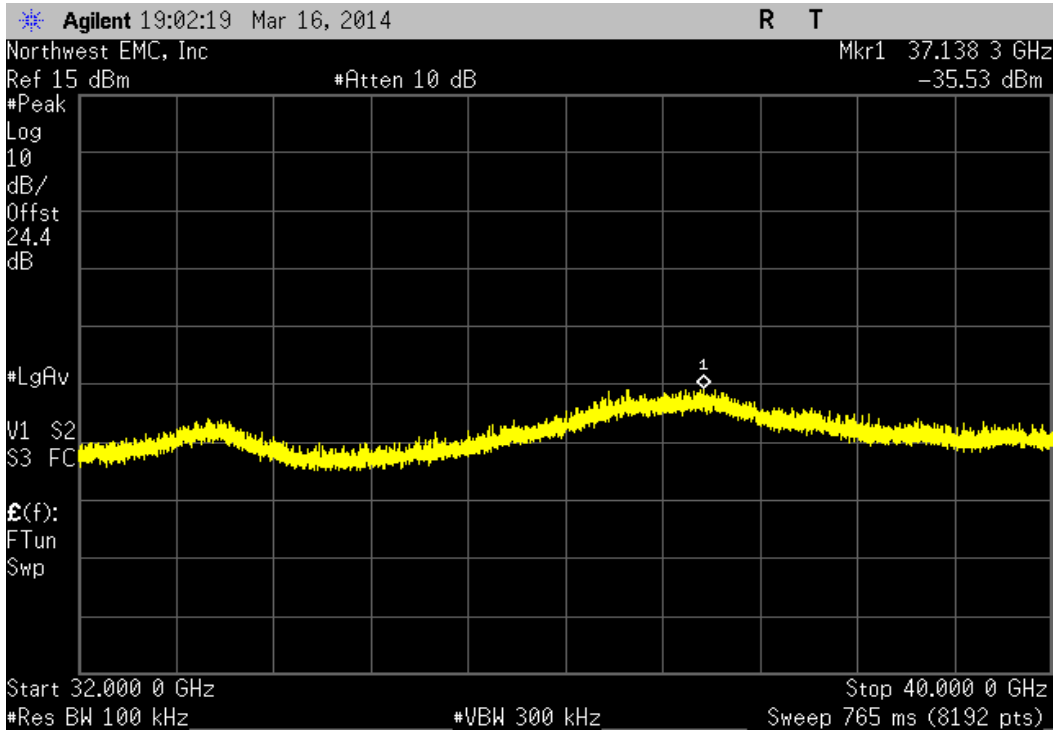
Result

32 GHz - 40 GHz

-35.45 dBc

≤ -20 dBc

Pass



B IEEE 802.11(ac), 20 MHz, 5725 MHz - 5850 MHz Band, VHT, MCS0, Mid Channel 157, 5785 MHz

Frequency

Range

Value

Limit

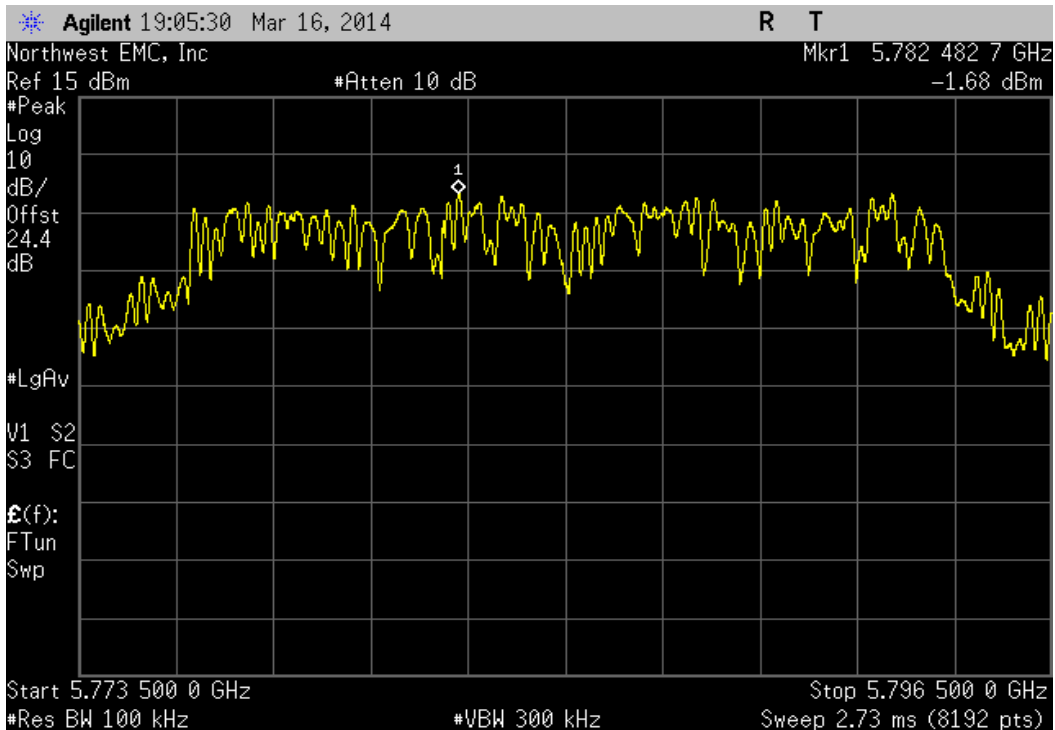
Result

Fundamental

N/A

N/A

N/A



B IEEE 802.11(ac), 20 MHz, 5725 MHz - 5850 MHz Band, VHT, MCS0, Mid Channel 157, 5785 MHz

Frequency

Value

Limit

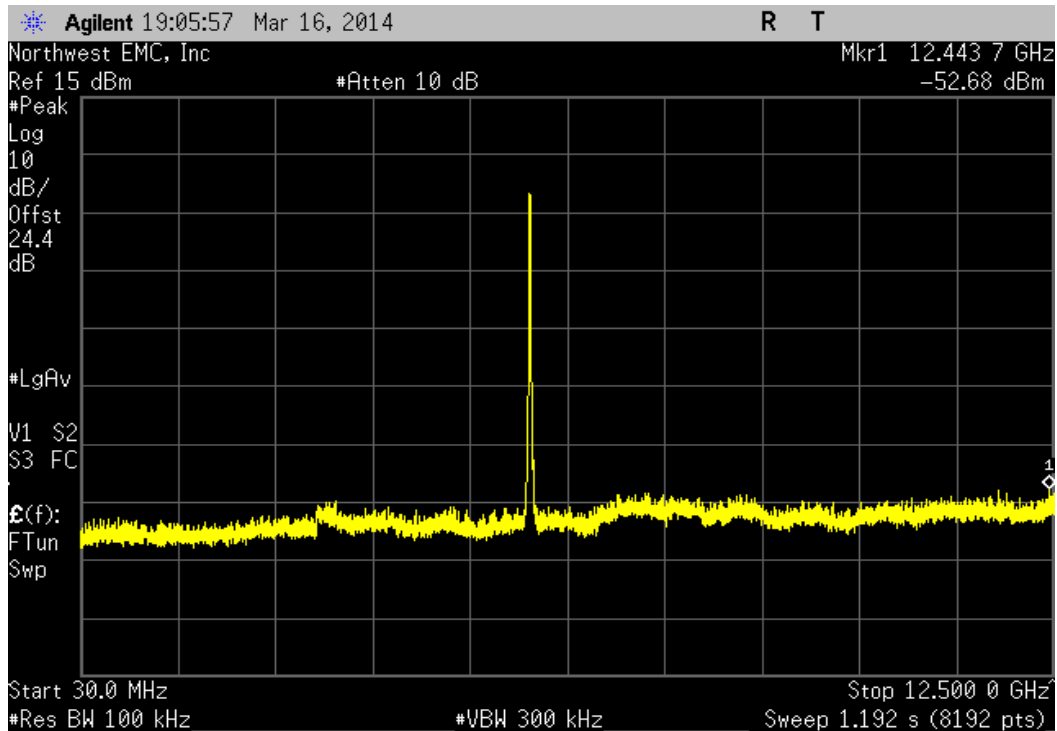
Result

30 MHz - 12.5 GHz

-51 dBc

≤ -20 dBc

Pass



B IEEE 802.11(ac), 20 MHz, 5725 MHz - 5850 MHz Band, VHT, MCS0, Mid Channel 157, 5785 MHz

Frequency

Value

Limit

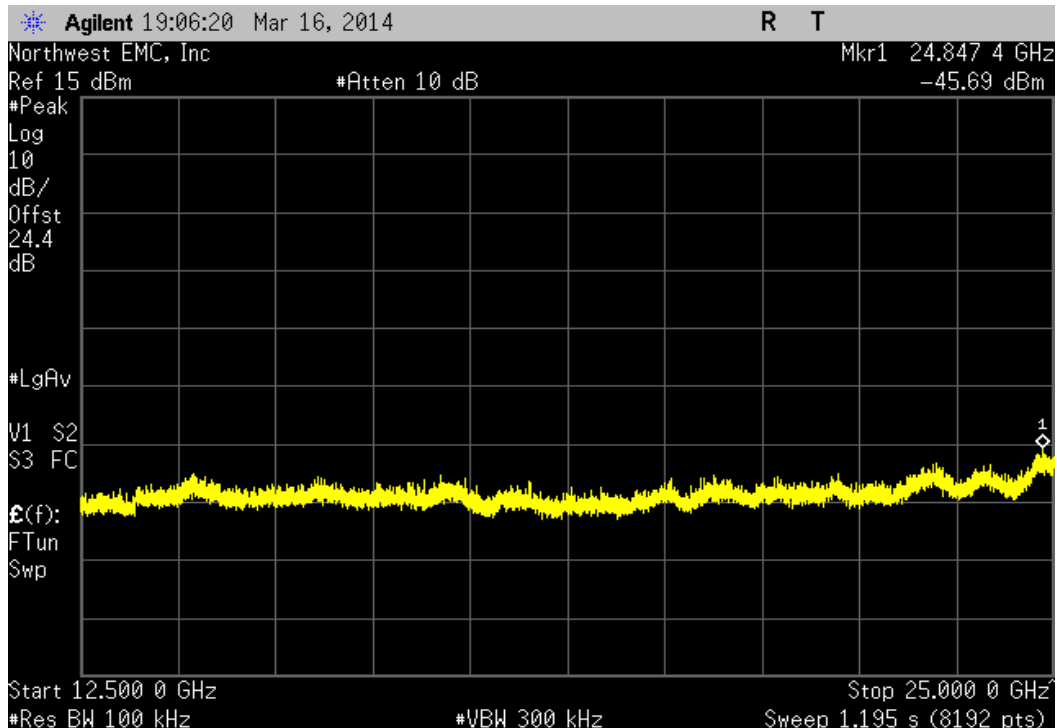
Result

12.5 GHz - 25 GHz

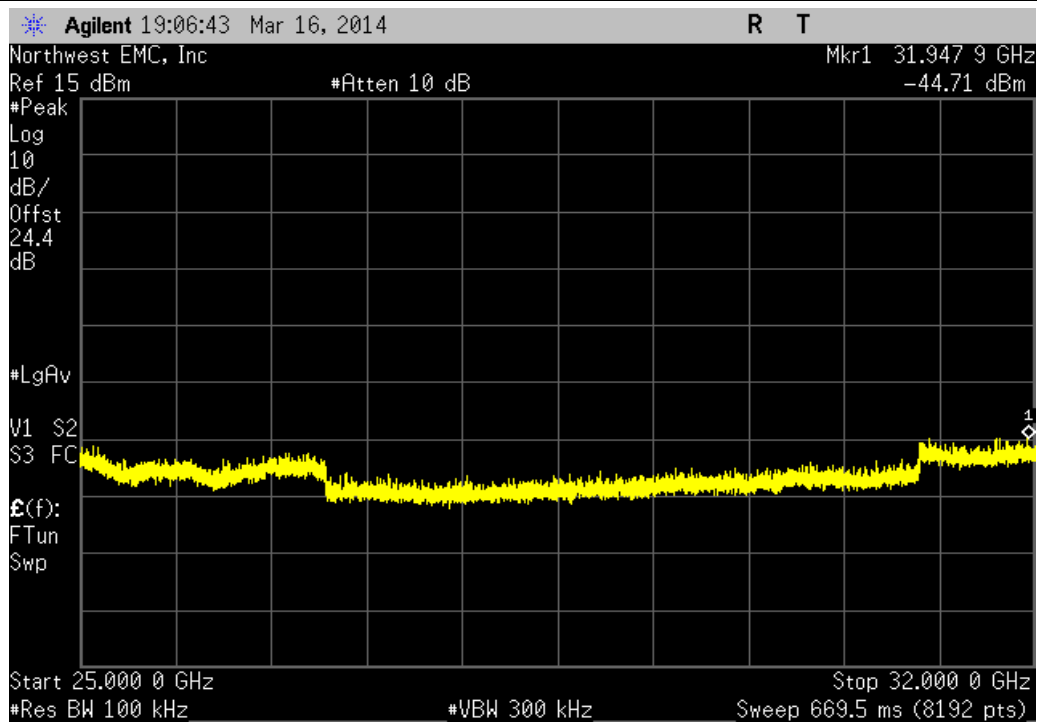
-44.01 dBc

≤ -20 dBc

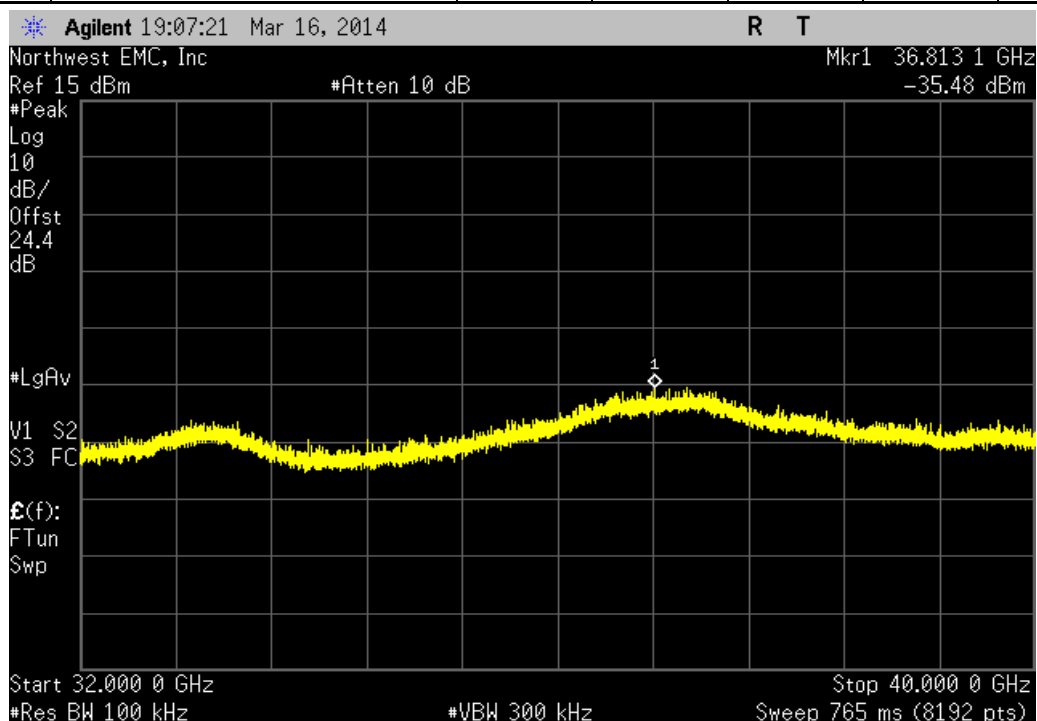
Pass



B IEEE 802.11(ac), 20 MHz, 5725 MHz - 5850 MHz Band, VHT, MCS0, Mid Channel 157, 5785 MHz				
Frequency Range	Value	Limit	Result	
25 GHz - 32 GHz	-43.03 dBc	≤ -20 dBc	Pass	



B IEEE 802.11(ac), 20 MHz, 5725 MHz - 5850 MHz Band, VHT, MCS0, Mid Channel 157, 5785 MHz				
Frequency Range	Value	Limit	Result	
32 GHz - 40 GHz	-33.8 dBc	≤ -20 dBc	Pass	



B IEEE 802.11(ac), 20 MHz, 5725 MHz - 5850 MHz Band, VHT, MCS0, High Channel 165, 5825 MHz

Frequency

Range

Value

Limit

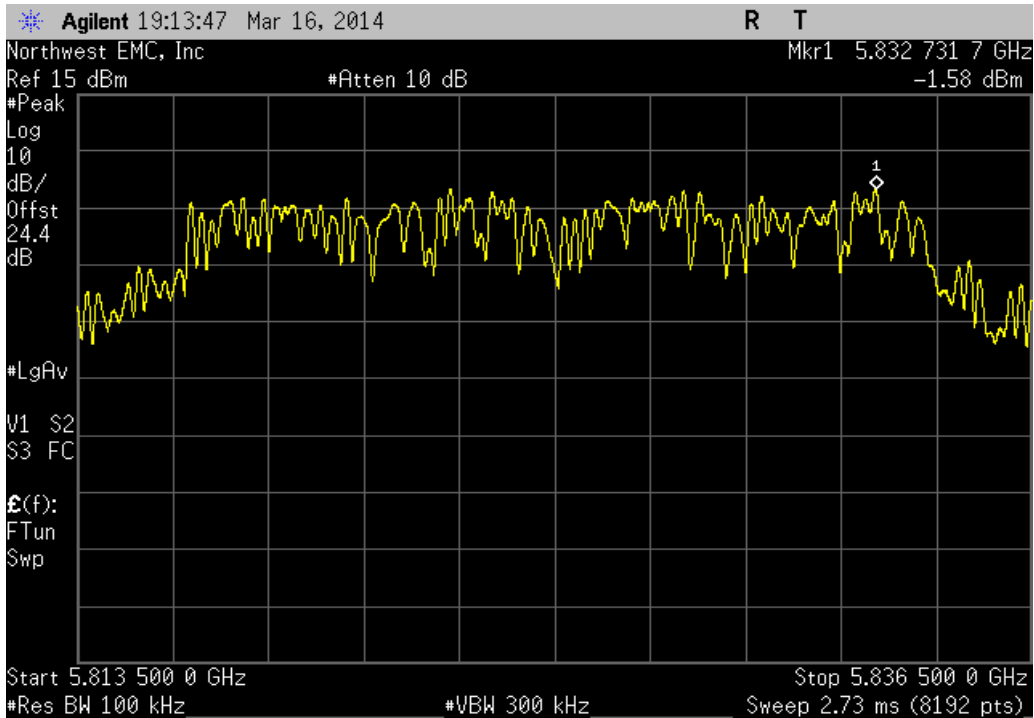
Result

Fundamental

N/A

N/A

N/A



B IEEE 802.11(ac), 20 MHz, 5725 MHz - 5850 MHz Band, VHT, MCS0, High Channel 165, 5825 MHz

Frequency

Range

Value

Limit

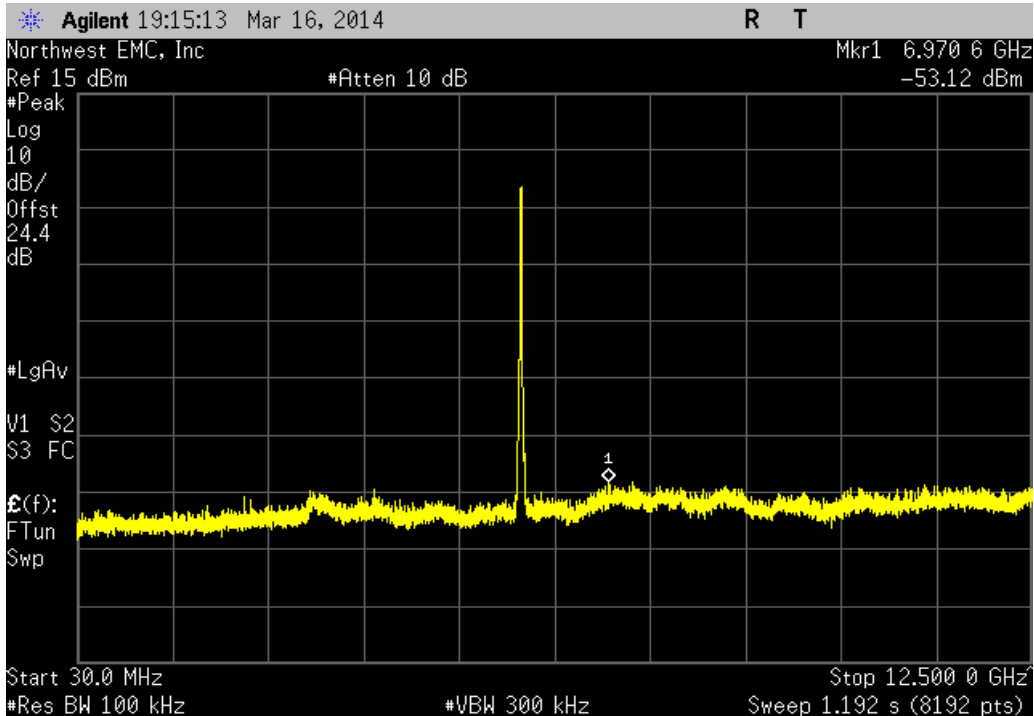
Result

30 MHz - 12.5 GHz

-51.54 dBc

≤ -20 dBc

Pass



B IEEE 802.11(ac), 20 MHz, 5725 MHz - 5850 MHz Band, VHT, MCS0, High Channel 165, 5825 MHz

Frequency

Value

Limit

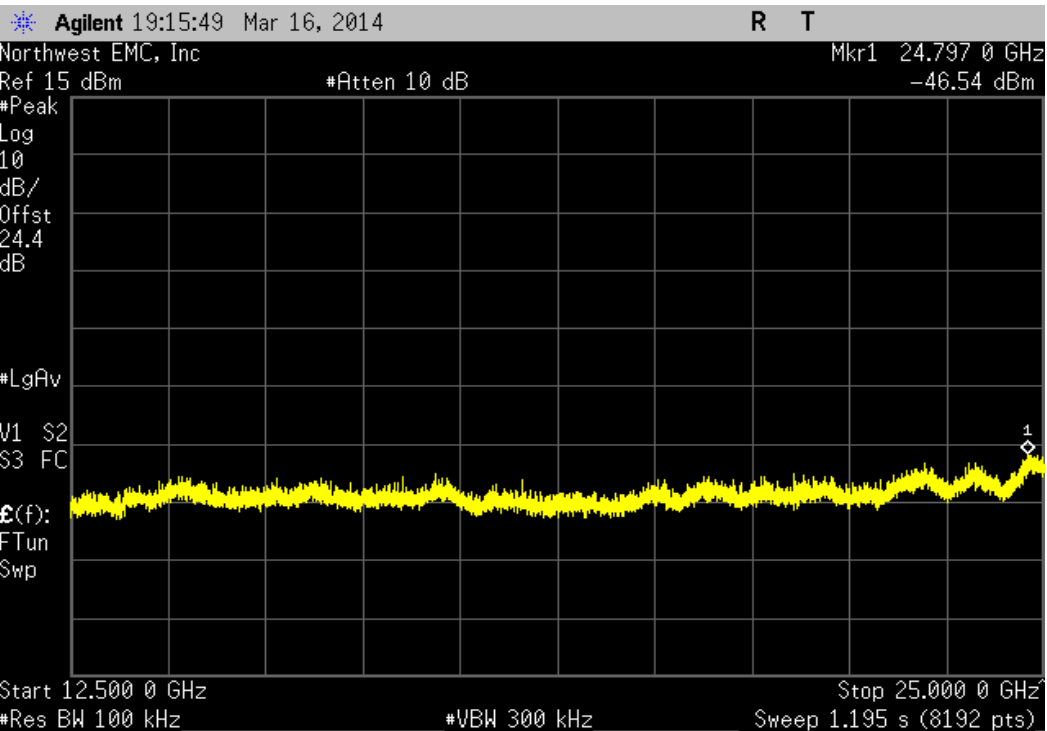
Result

12.5 GHz - 25 GHz

-44.97 dBc

≤ -20 dBc

Pass



B IEEE 802.11(ac), 20 MHz, 5725 MHz - 5850 MHz Band, VHT, MCS0, High Channel 165, 5825 MHz

Frequency

Value

Limit

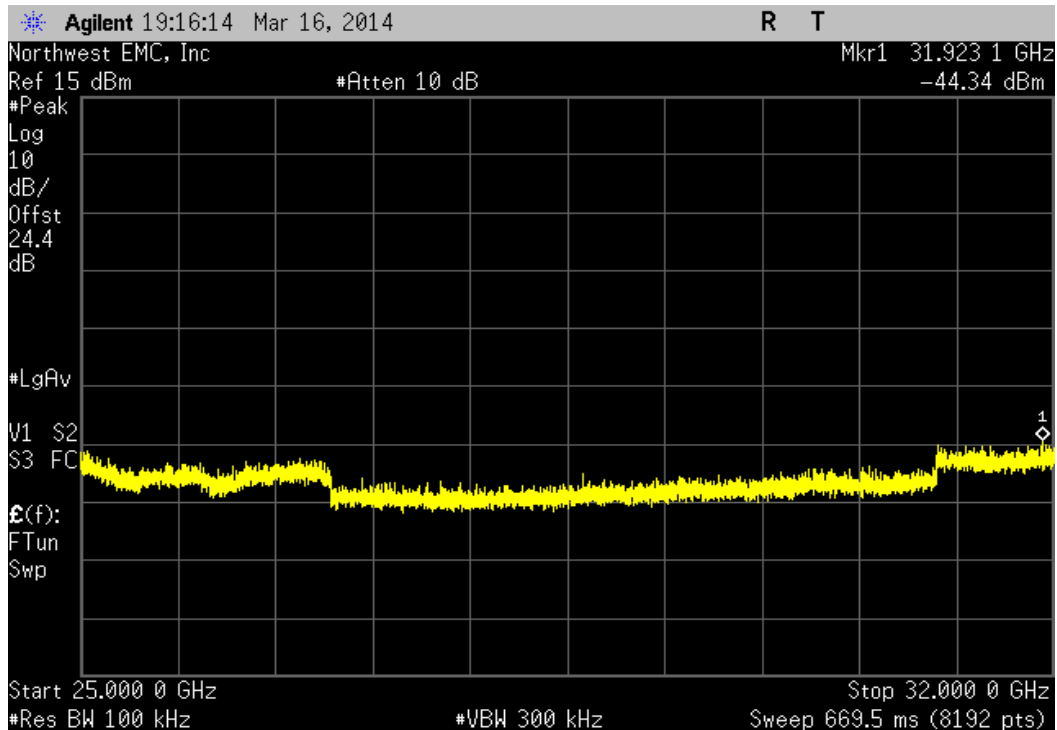
Result

25 GHz - 32 GHz

-42.76 dBc

≤ -20 dBc

Pass



B IEEE 802.11(ac), 20 MHz, 5725 MHz - 5850 MHz Band, VHT, MCS0, High Channel 165, 5825 MHz

Frequency

Range

Value

Limit

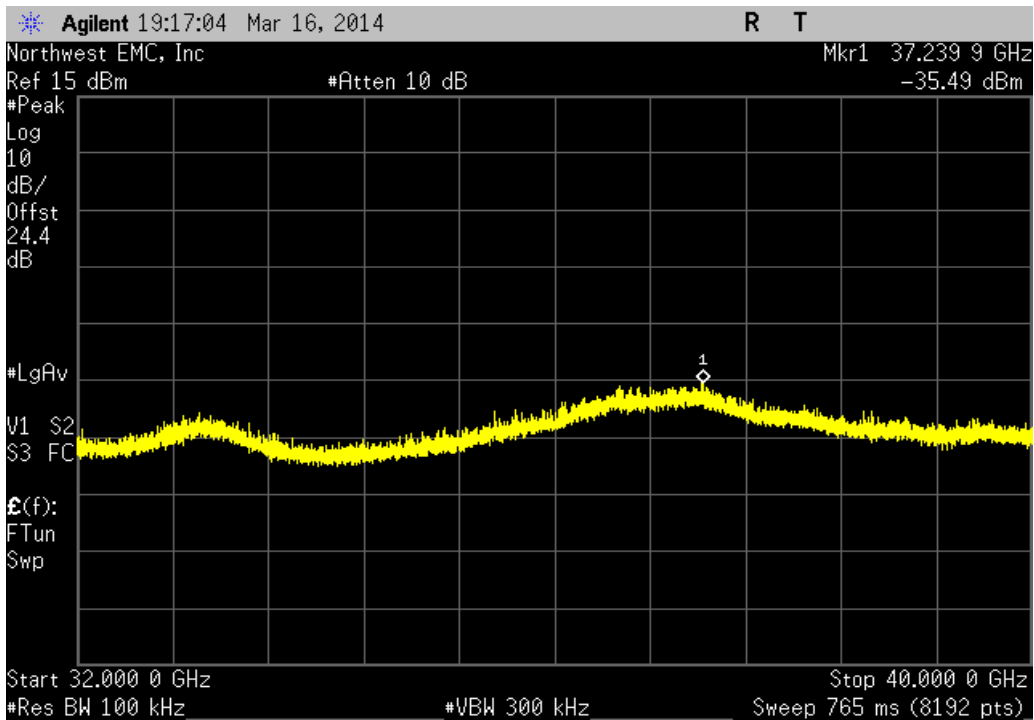
Result

32 GHz - 40 GHz

-33.91 dBc

≤ -20 dBc

Pass



B IEEE 802.11(ac), 20 MHz, 5725 MHz - 5850 MHz Band, VHT, MCS8, Low Channel 149, 5745 MHz

Frequency

Range

Value

Limit

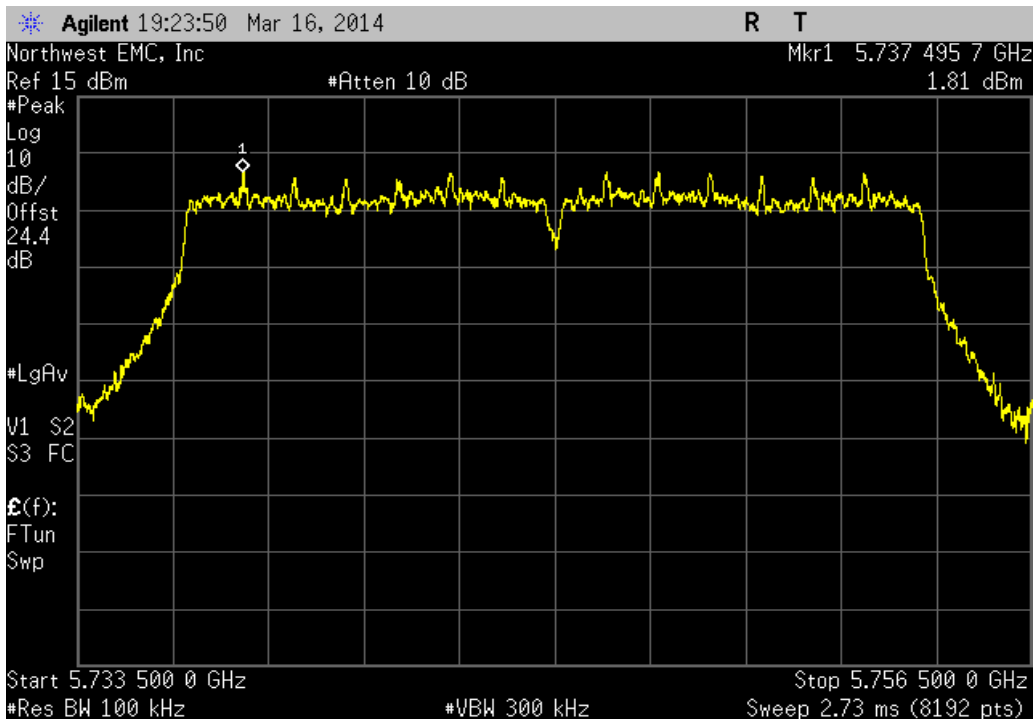
Result

Fundamental

N/A

N/A

N/A



B IEEE 802.11(ac), 20 MHz, 5725 MHz - 5850 MHz Band, VHT, MCS8, Low Channel 149, 5745 MHz

Frequency

Value

Limit

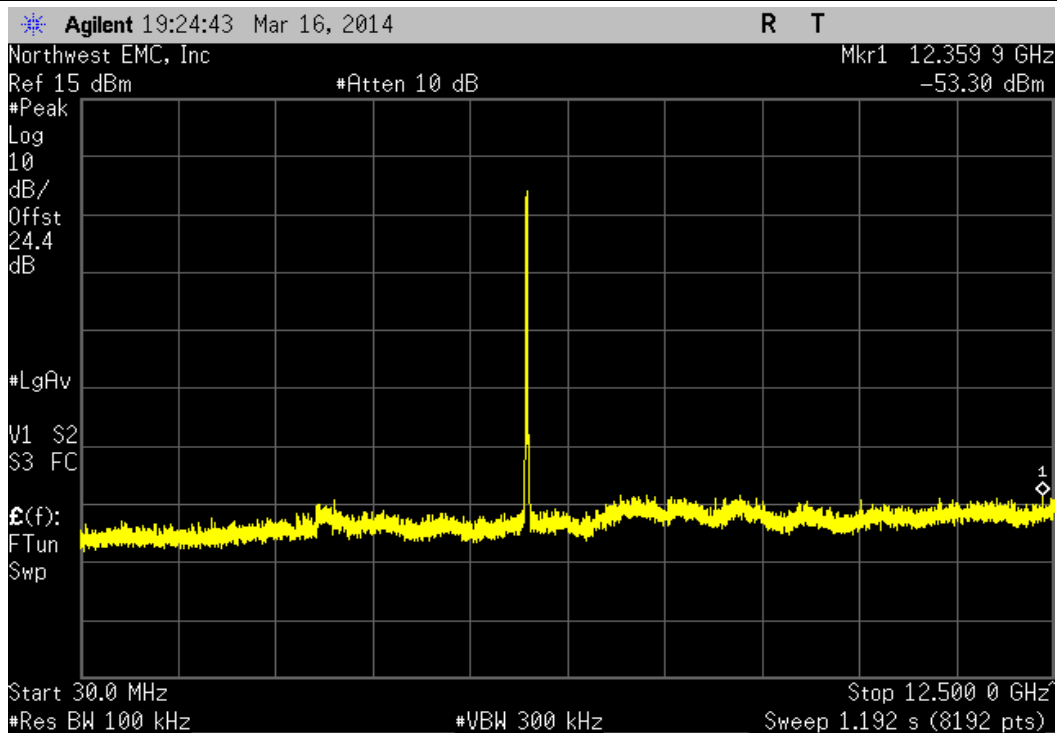
Result

30 MHz - 12.5 GHz

-55.11 dBc

≤ -20 dBc

Pass



B IEEE 802.11(ac), 20 MHz, 5725 MHz - 5850 MHz Band, VHT, MCS8, Low Channel 149, 5745 MHz

Frequency

Value

Limit

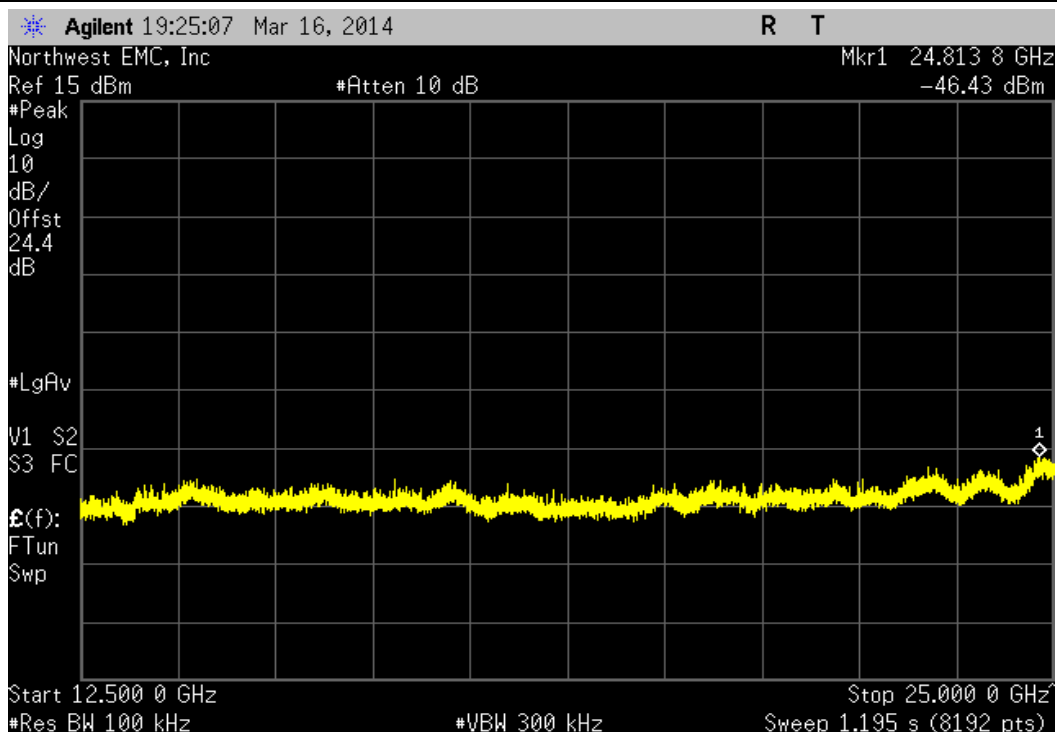
Result

12.5 GHz - 25 GHz

-48.24 dBc

≤ -20 dBc

Pass



B IEEE 802.11(ac), 20 MHz, 5725 MHz - 5850 MHz Band, VHT, MCS8, Low Channel 149, 5745 MHz

Frequency

Range

Value

Limit

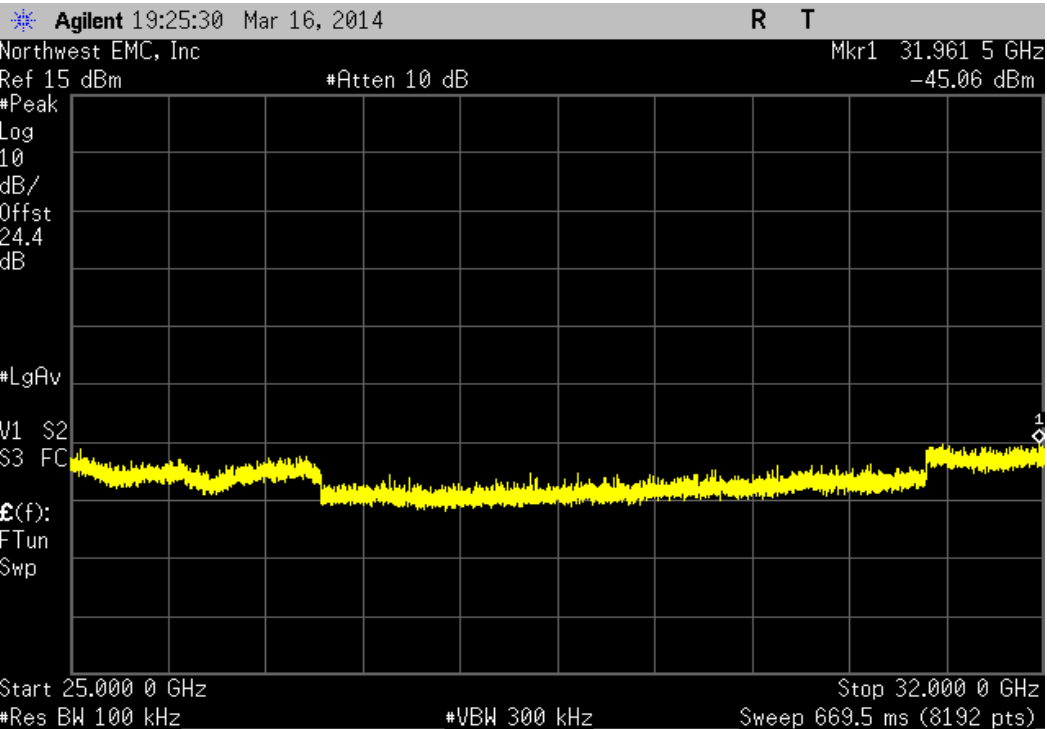
Result

25 GHz - 32 GHz

-46.87 dBc

≤ -20 dBc

Pass



B IEEE 802.11(ac), 20 MHz, 5725 MHz - 5850 MHz Band, VHT, MCS8, Low Channel 149, 5745 MHz

Frequency

Range

Value

Limit

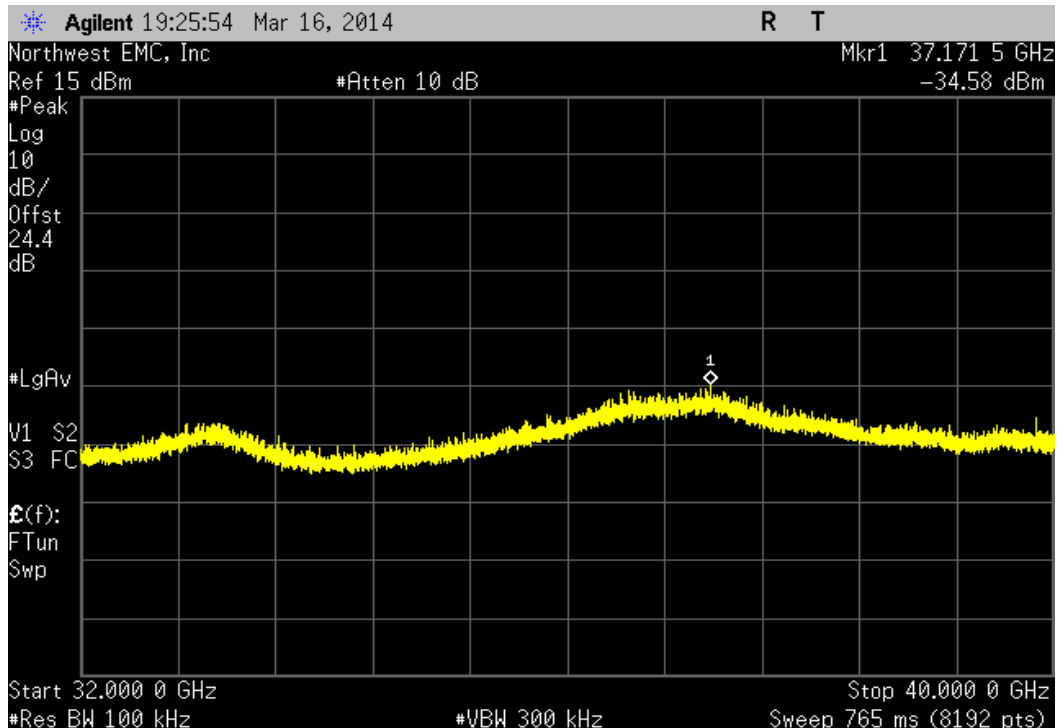
Result

32 GHz - 40 GHz

-36.39 dBc

≤ -20 dBc

Pass



B IEEE 802.11(ac), 20 MHz, 5725 MHz - 5850 MHz Band, VHT, MCS8, Mid Channel 157, 5785 MHz

**Frequency
Range**

Value

Limit

Result

Fundamental

N/A

N/A

N/A

Agilent 19:32:22 Mar 16, 2014

R T

Northwest EMC, Inc

Mkr1 5.792 473 4 GHz

Ref 15 dBm

#Atten 10 dB

1.46 dBm

#Peak

Log

10

dB/

Offst

24.4

dB

#LgRv

V1 S2

S3 FC

£(f):

FTun

Swp

Start 5.773 500 0 GHz

Stop 5.796 500 0 GHz

#Res BW 100 kHz

#VBW 300 kHz

Sweep 2.73 ms (8192 pts)

B IEEE 802.11(ac), 20 MHz, 5725 MHz - 5850 MHz Band, VHT, MCS8, Mid Channel 157, 5785 MHz

**Frequency
Range**

Value

Limit

Result

30 MHz - 12.5 GHz

-54.33 dBc

≤ -20 dBc

Pass

Agilent 19:33:14 Mar 16, 2014

R T

Northwest EMC, Inc

Mkr1 7.170 1 GHz

Ref 15 dBm

#Atten 10 dB

-52.87 dBm

#Peak

Log

10

dB/

Offst

24.4

dB

#LgRv

V1 S2

S3 FC

£(f):

FTun

Swp

Start 30.0 MHz

Stop 12.500 0 GHz

#Res BW 100 kHz

#VBW 300 kHz

Sweep 1.192 s (8192 pts)

B IEEE 802.11(ac), 20 MHz, 5725 MHz - 5850 MHz Band, VHT, MCS8, Mid Channel 157, 5785 MHz

Frequency

Range

Value

Limit

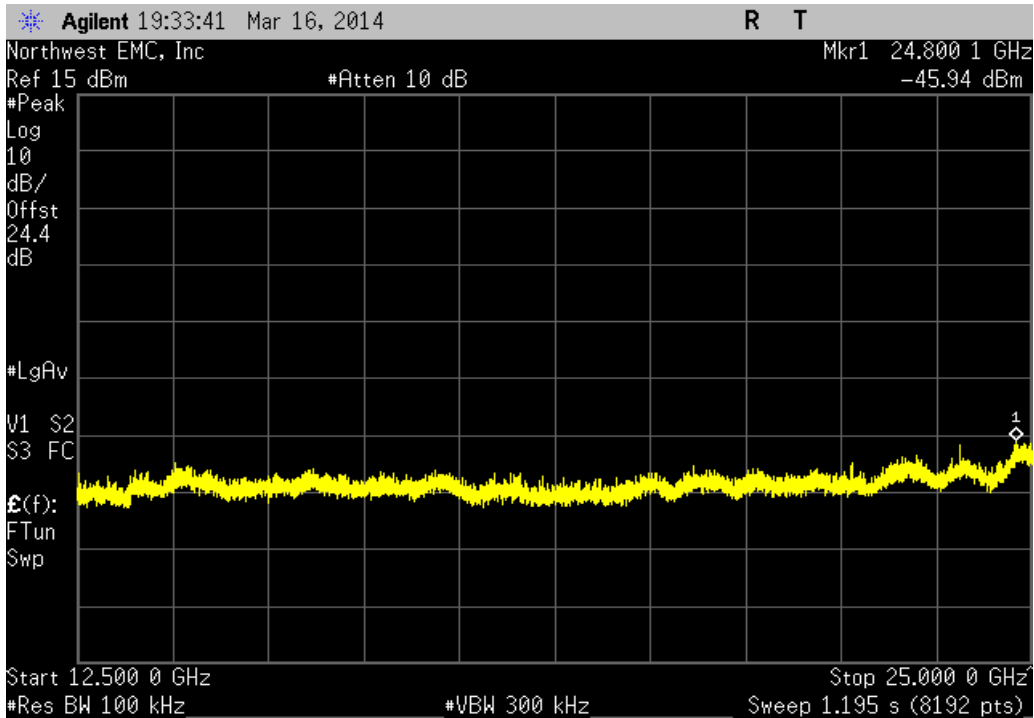
Result

12.5 GHz - 25 GHz

-47.4 dBc

≤ -20 dBc

Pass



B IEEE 802.11(ac), 20 MHz, 5725 MHz - 5850 MHz Band, VHT, MCS8, Mid Channel 157, 5785 MHz

Frequency

Range

Value

Limit

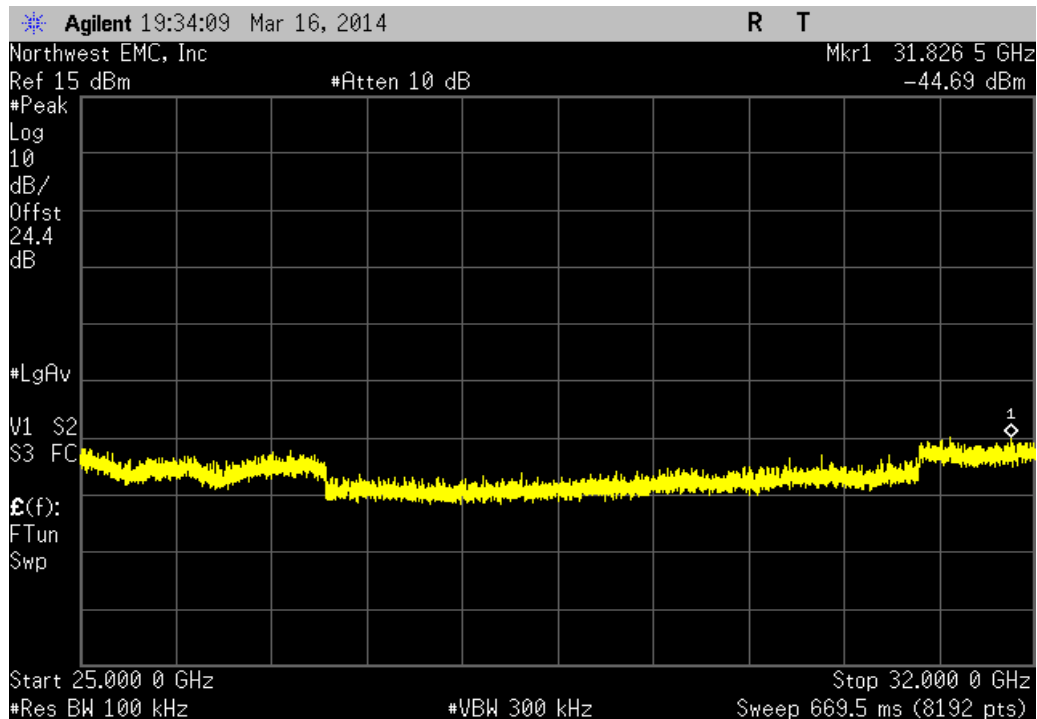
Result

25 GHz - 32 GHz

-46.15 dBc

≤ -20 dBc

Pass



B IEEE 802.11(ac), 20 MHz, 5725 MHz - 5850 MHz Band, VHT, MCS8, Mid Channel 157, 5785 MHz

Frequency

Range

Value

Limit

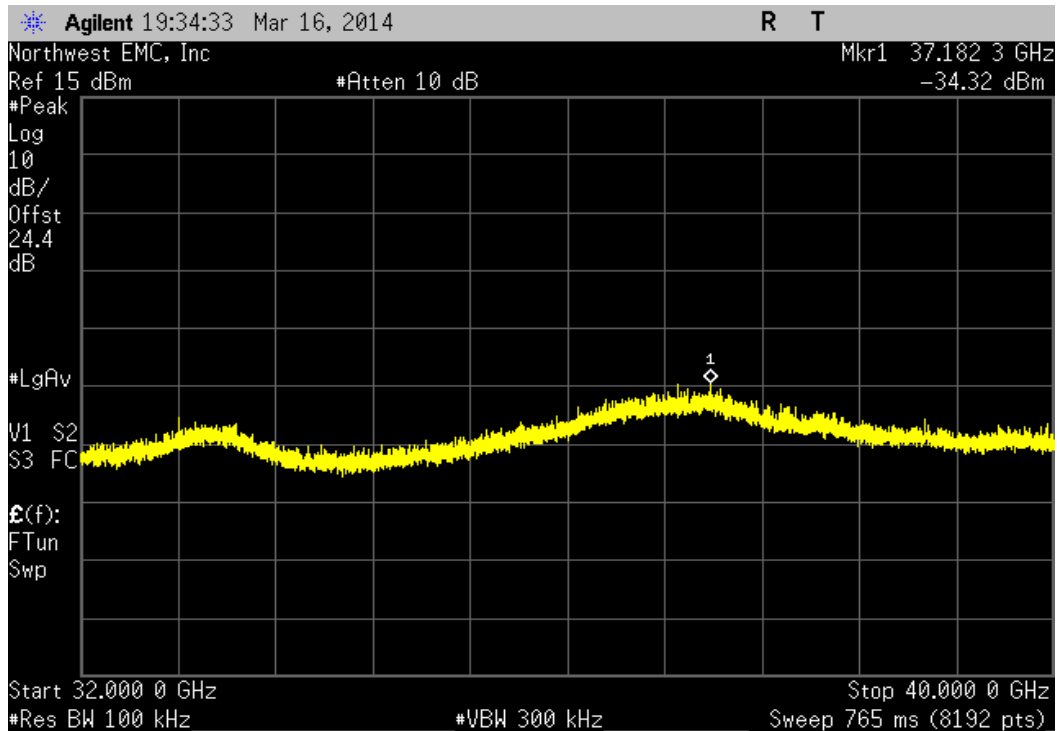
Result

32 GHz - 40 GHz

-35.78 dBc

≤ -20 dBc

Pass



B IEEE 802.11(ac), 20 MHz, 5725 MHz - 5850 MHz Band, VHT, MCS8, High Channel 165, 5825 MHz

Frequency

Range

Value

Limit

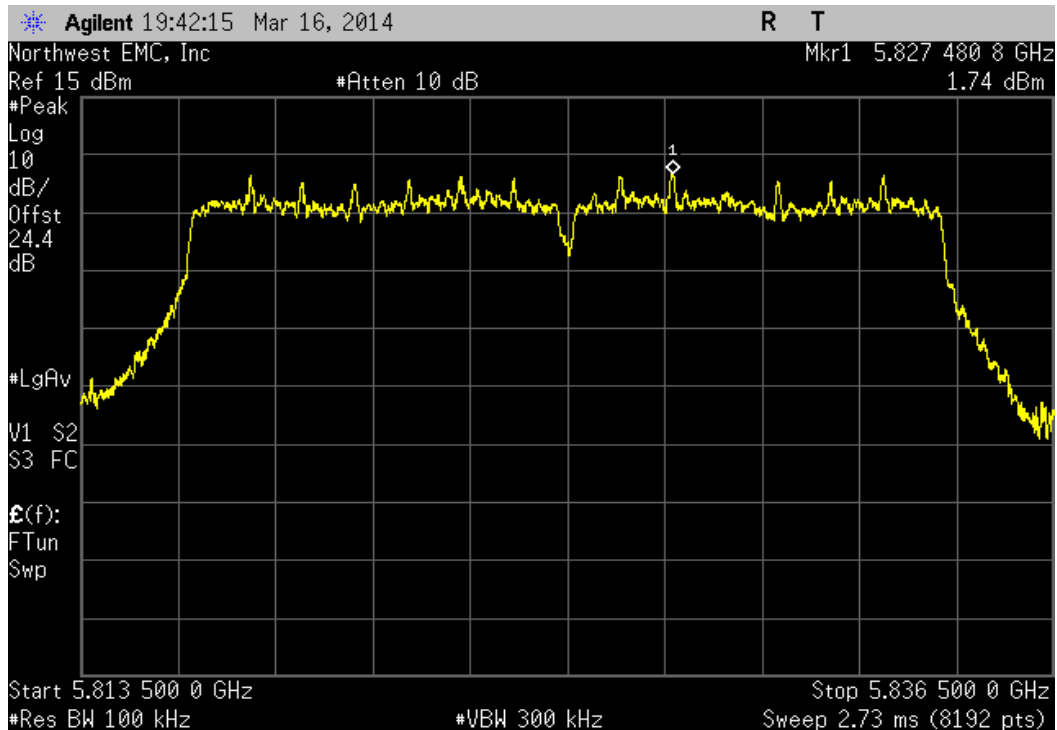
Result

Fundamental

N/A

N/A

N/A



B IEEE 802.11(ac), 20 MHz, 5725 MHz - 5850 MHz Band, VHT, MCS8, High Channel 165, 5825 MHz

**Frequency
Range**

Value

Limit

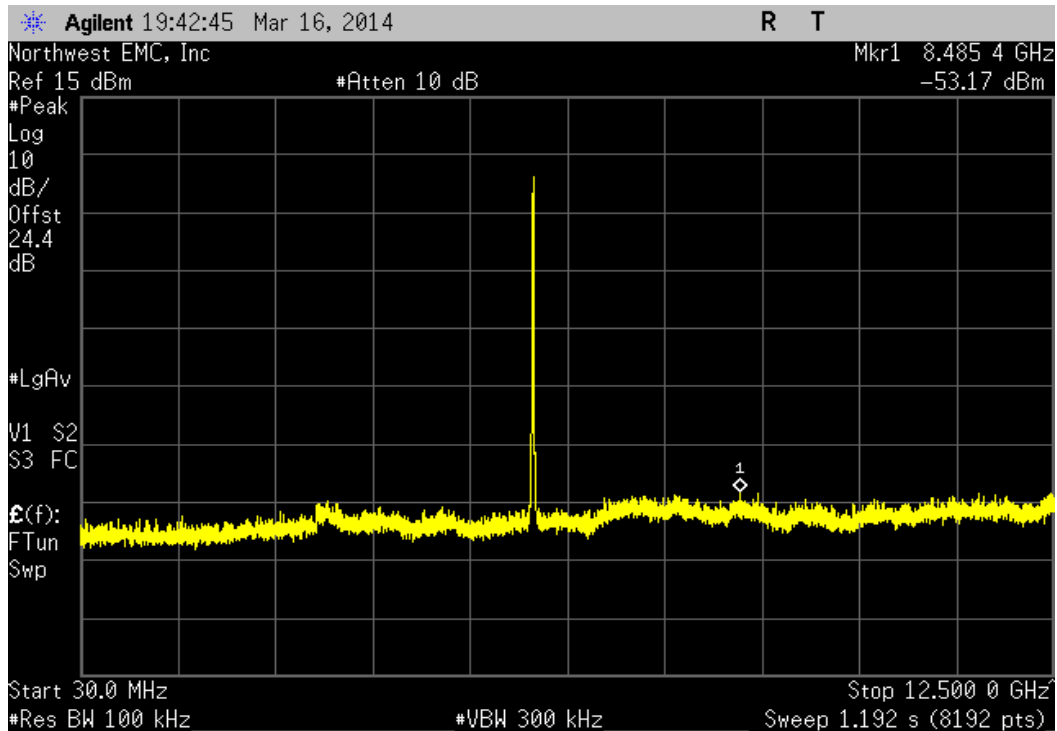
Result

30 MHz - 12.5 GHz

-54.91 dBc

≤ -20 dBc

Pass



B IEEE 802.11(ac), 20 MHz, 5725 MHz - 5850 MHz Band, VHT, MCS8, High Channel 165, 5825 MHz

**Frequency
Range**

Value

Limit

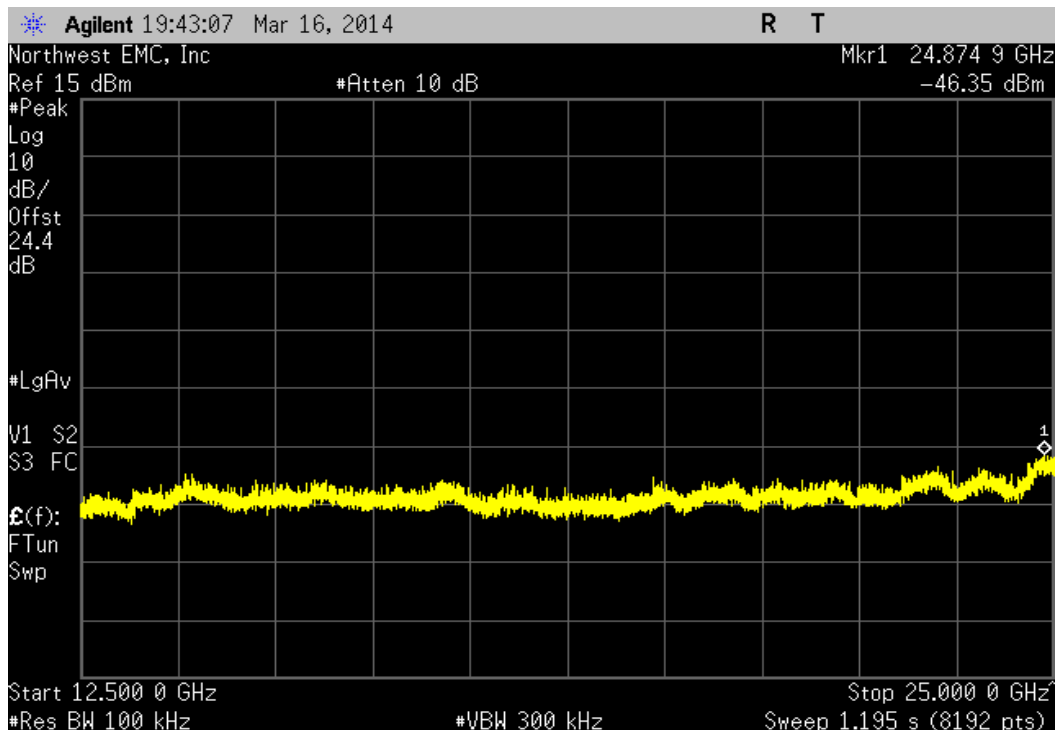
Result

12.5 GHz - 25 GHz

-48.09 dBc

≤ -20 dBc

Pass



B IEEE 802.11(ac), 20 MHz, 5725 MHz - 5850 MHz Band, VHT, MCS8, High Channel 165, 5825 MHz

Frequency

Range

Value

Limit

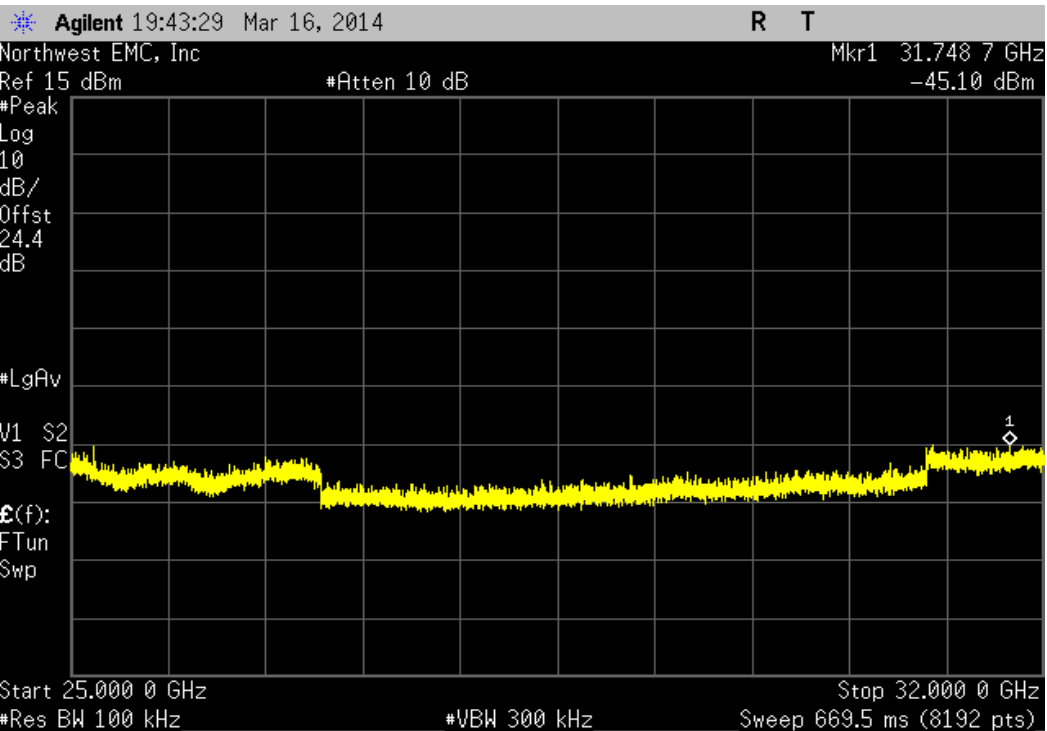
Result

25 GHz - 32 GHz

-46.84 dBc

≤ -20 dBc

Pass



B IEEE 802.11(ac), 20 MHz, 5725 MHz - 5850 MHz Band, VHT, MCS8, High Channel 165, 5825 MHz

Frequency

Range

Value

Limit

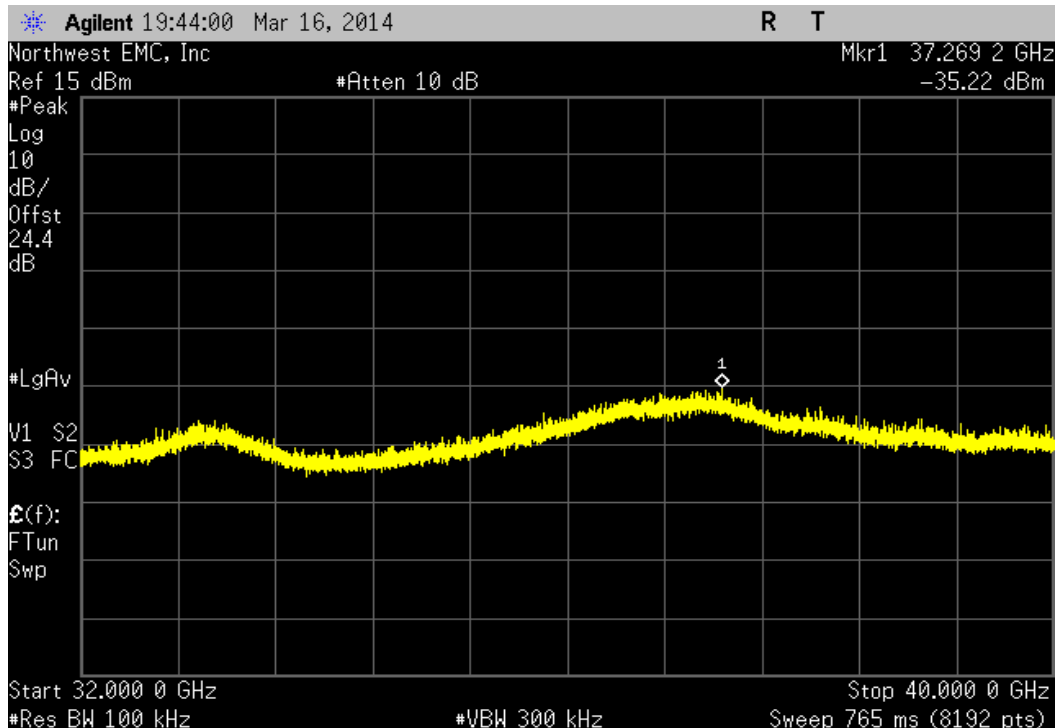
Result

32 GHz - 40 GHz

-36.96 dBc

≤ -20 dBc

Pass



B IEEE 802.11(ac), 40 MHz, 5725 MHz - 5850 MHz Band, VHT, MCS0, Low Channel 149/153, 5755 MHz

Frequency

Range

Value

Limit

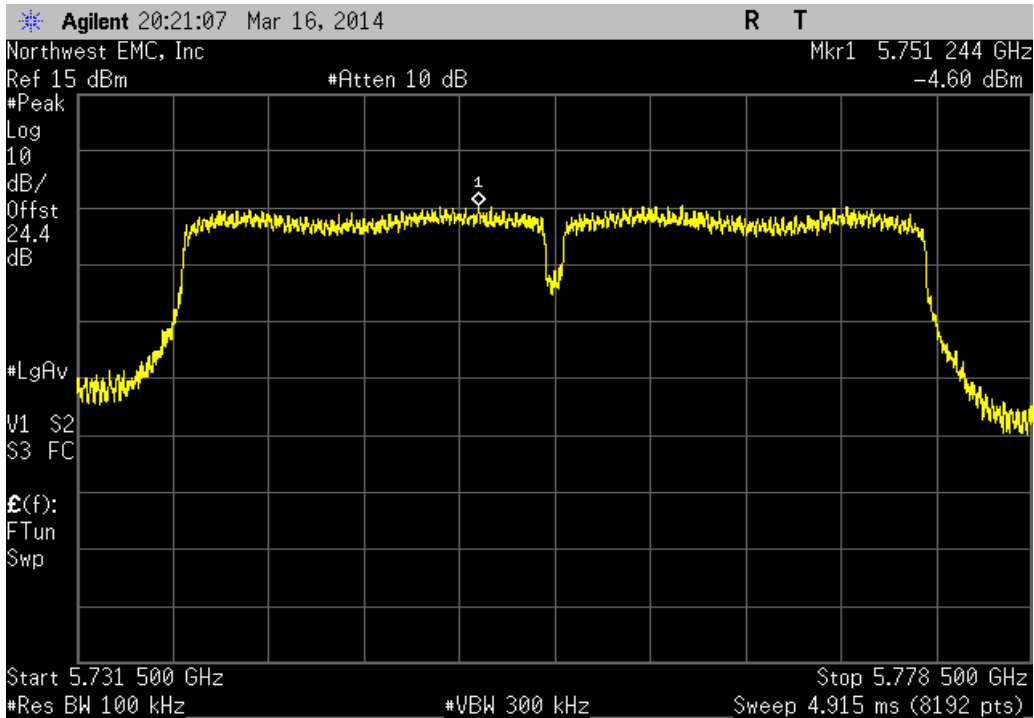
Result

Fundamental

N/A

N/A

N/A



B IEEE 802.11(ac), 40 MHz, 5725 MHz - 5850 MHz Band, VHT, MCS0, Low Channel 149/153, 5755 MHz

Frequency

Range

Value

Limit

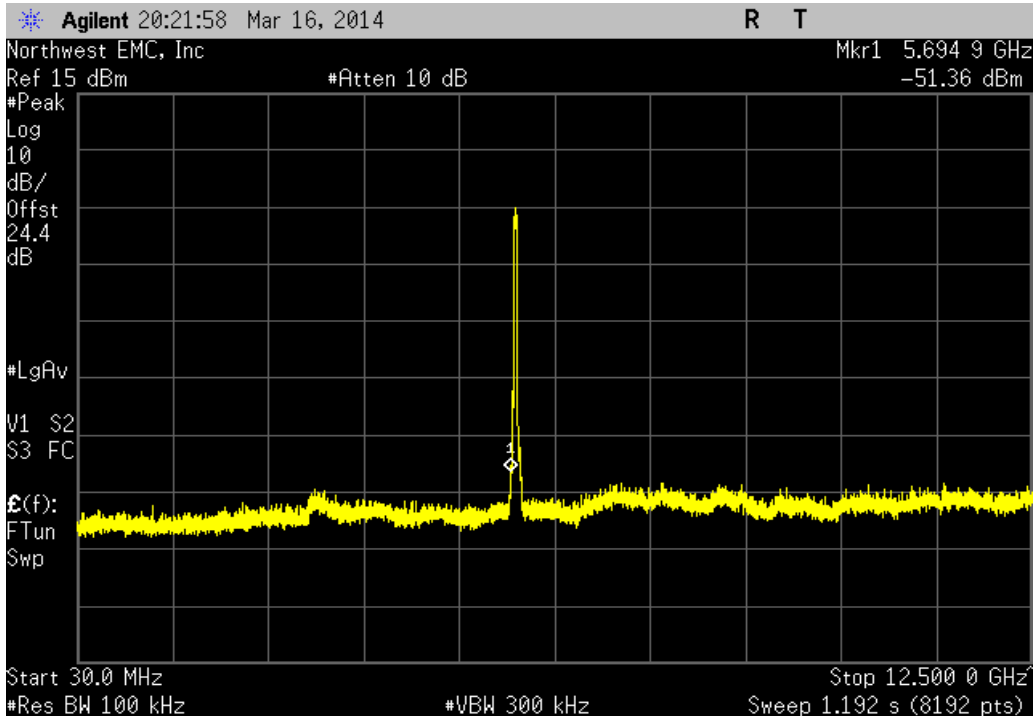
Result

30 MHz - 12.5 GHz

-46.76 dBc

≤ -20 dBc

Pass



B IEEE 802.11(ac), 40 MHz, 5725 MHz - 5850 MHz Band, VHT, MCS0, Low Channel 149/153, 5755 MHz

Frequency

Range

Value

Limit

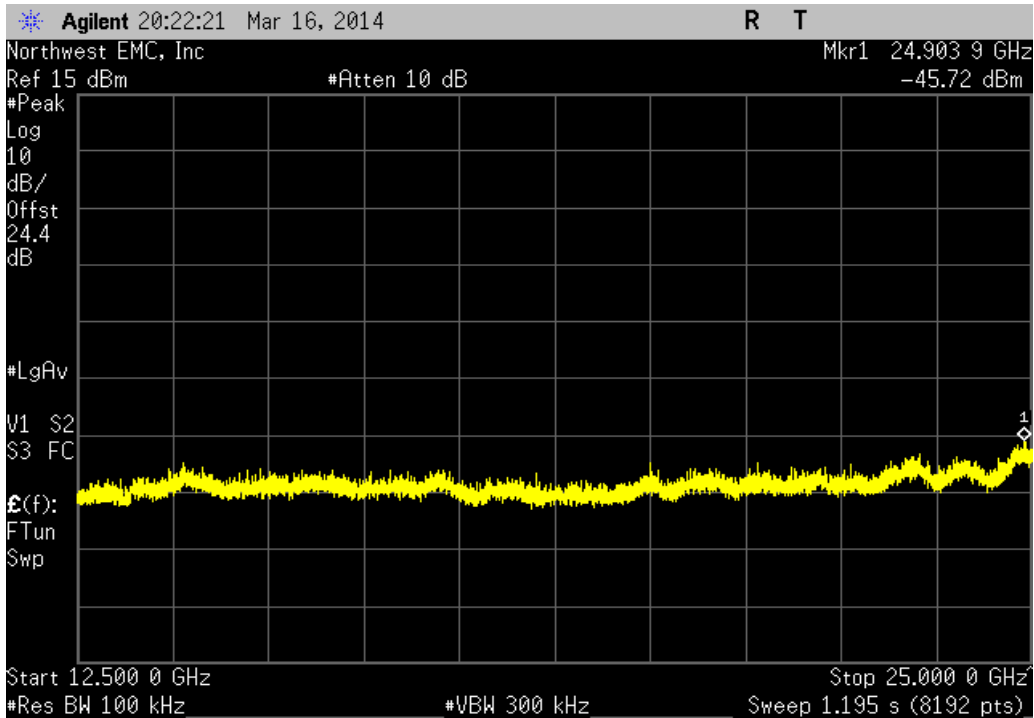
Result

12.5 GHz - 25 GHz

-41.12 dBc

≤ -20 dBc

Pass



B IEEE 802.11(ac), 40 MHz, 5725 MHz - 5850 MHz Band, VHT, MCS0, Low Channel 149/153, 5755 MHz

Frequency

Range

Value

Limit

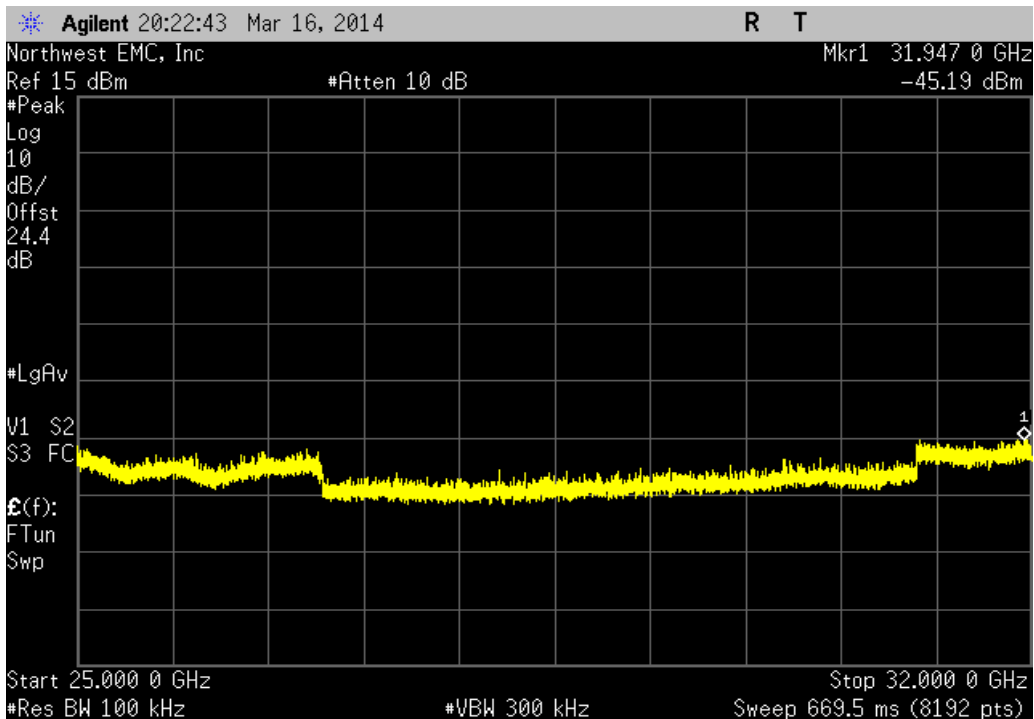
Result

25 GHz - 32 GHz

-40.59 dBc

≤ -20 dBc

Pass



B IEEE 802.11(ac), 40 MHz, 5725 MHz - 5850 MHz Band, VHT, MCS0, Low Channel 149/153, 5755 MHz

Frequency

Range

Value

Limit

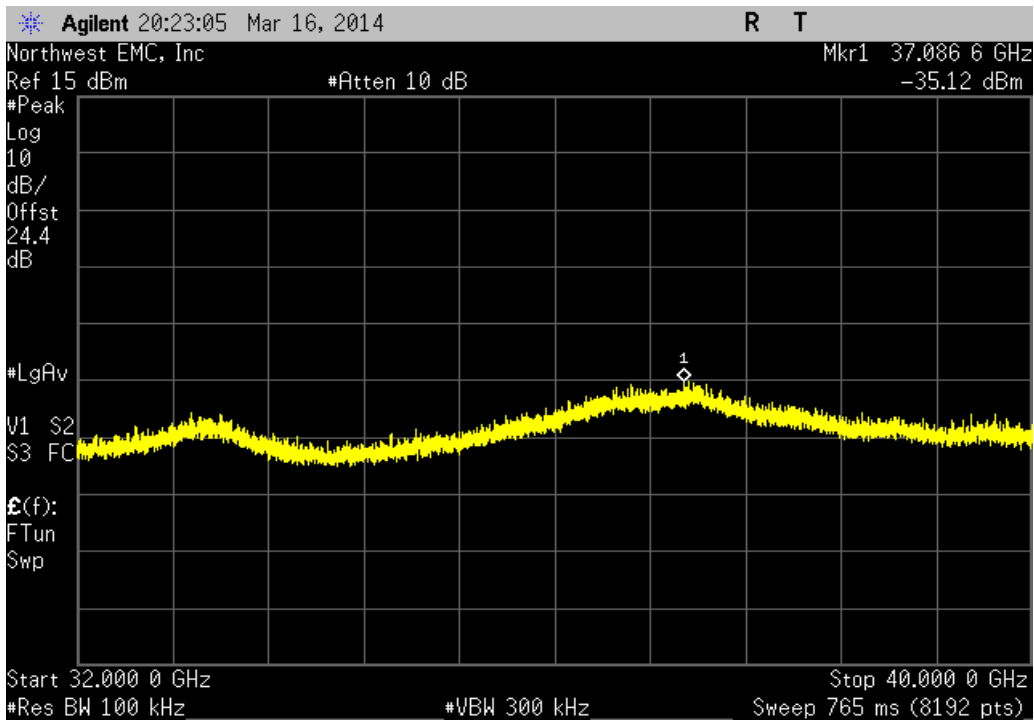
Result

32 GHz - 40 GHz

-30.52 dBc

≤ -20 dBc

Pass



B IEEE 802.11(ac), 40 MHz, 5725 MHz - 5850 MHz Band, VHT, MCS0, High Channel 157/161, 5795 MHz

Frequency

Range

Value

Limit

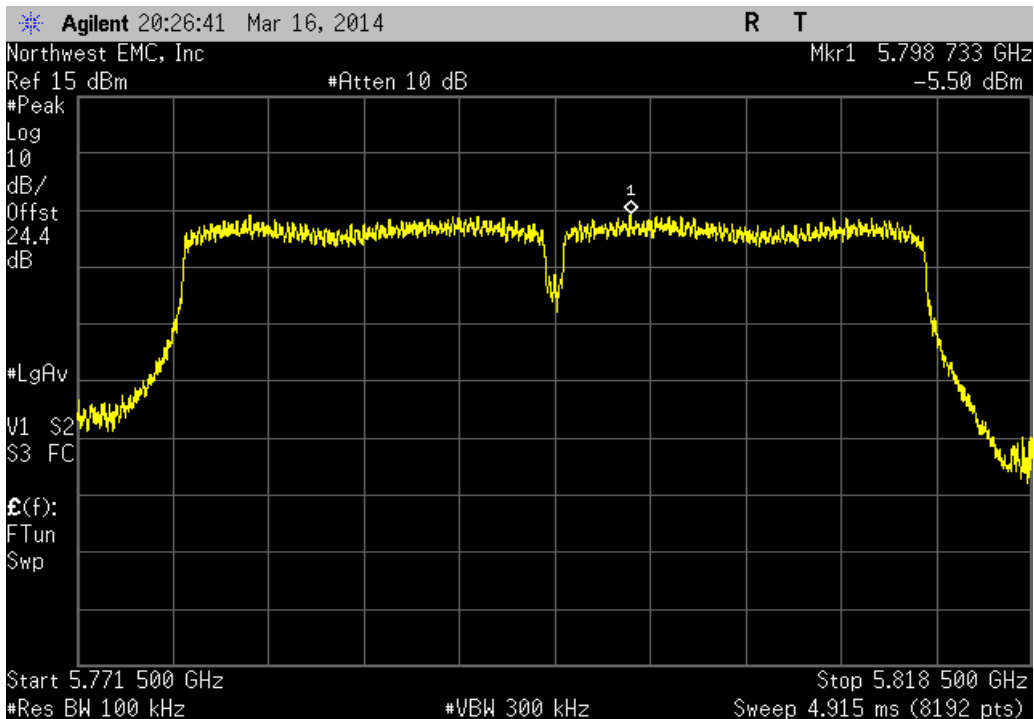
Result

Fundamental

N/A

N/A

N/A



B IEEE 802.11(ac), 40 MHz, 5725 MHz - 5850 MHz Band, VHT, MCS0, High Channel 157/161, 5795 MHz

Frequency

Value

Limit

Result

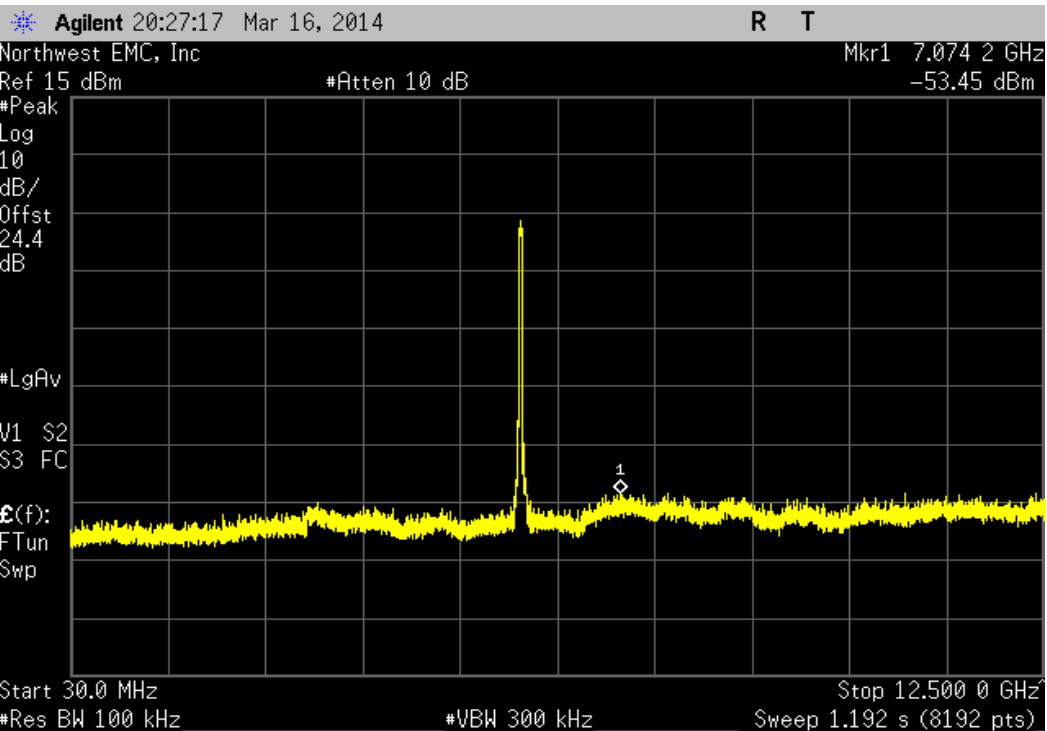
Range

30 MHz - 12.5 GHz

-47.95 dBc

≤ -20 dBc

Pass



B IEEE 802.11(ac), 40 MHz, 5725 MHz - 5850 MHz Band, VHT, MCS0, High Channel 157/161, 5795 MHz

Frequency

Value

Limit

Result

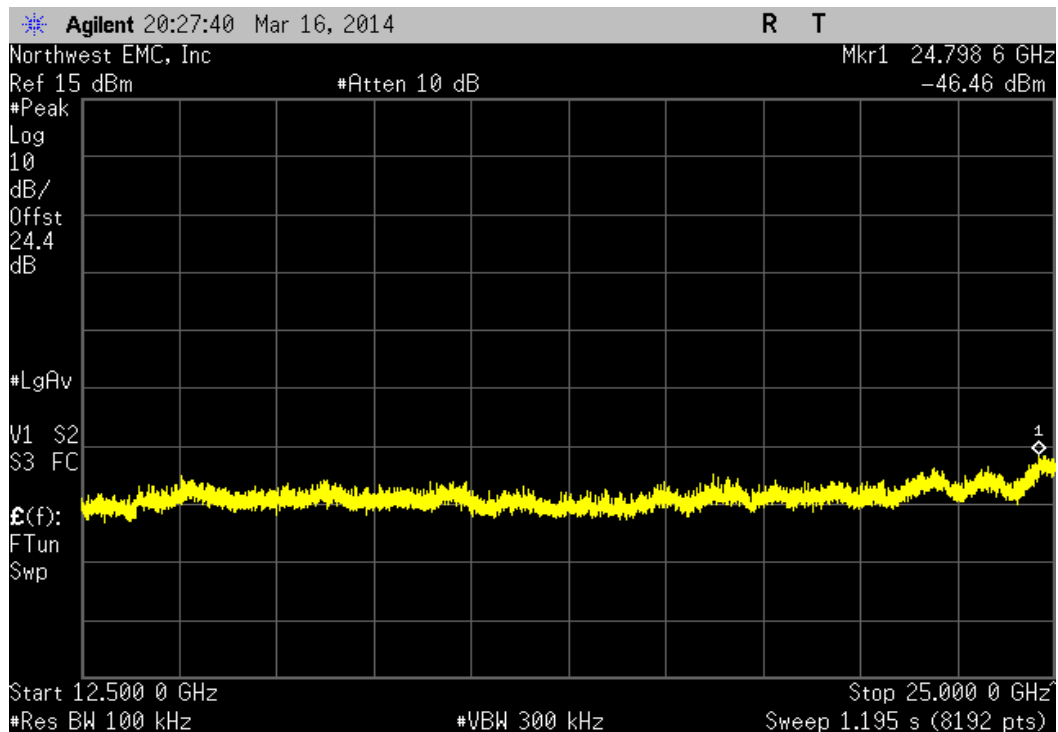
Range

12.5 GHz - 25 GHz

-40.96 dBc

≤ -20 dBc

Pass



B IEEE 802.11(ac), 40 MHz, 5725 MHz - 5850 MHz Band, VHT, MCS0, High Channel 157/161, 5795 MHz

Frequency

Range

Value

Limit

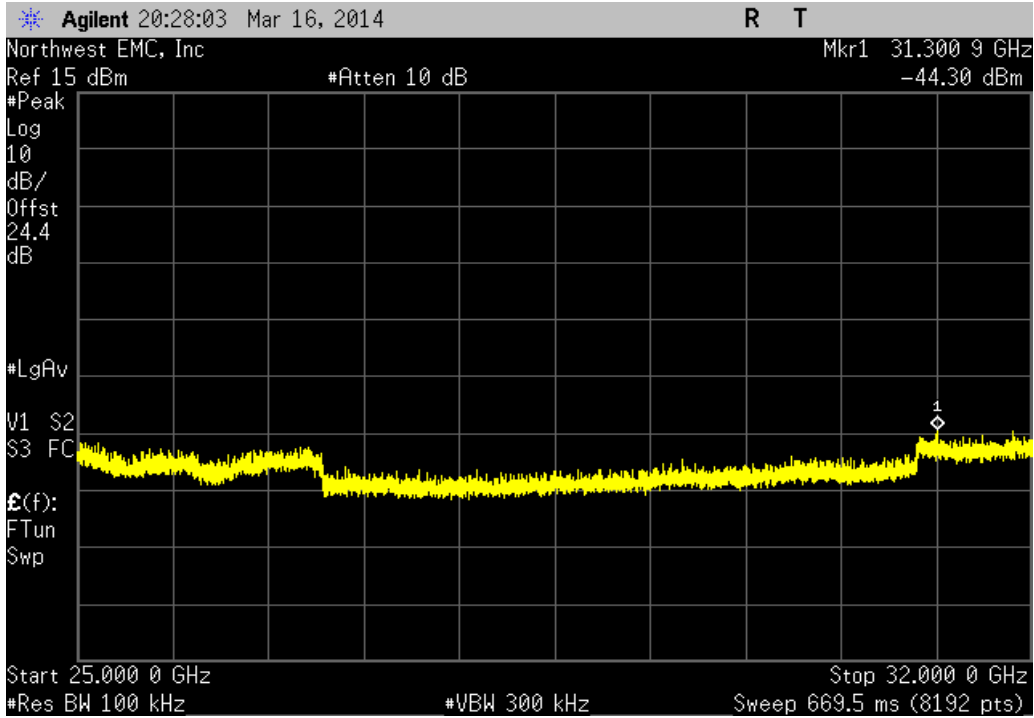
Result

25 GHz - 32 GHz

-38.8 dBc

≤ -20 dBc

Pass



B IEEE 802.11(ac), 40 MHz, 5725 MHz - 5850 MHz Band, VHT, MCS0, High Channel 157/161, 5795 MHz

Frequency

Range

Value

Limit

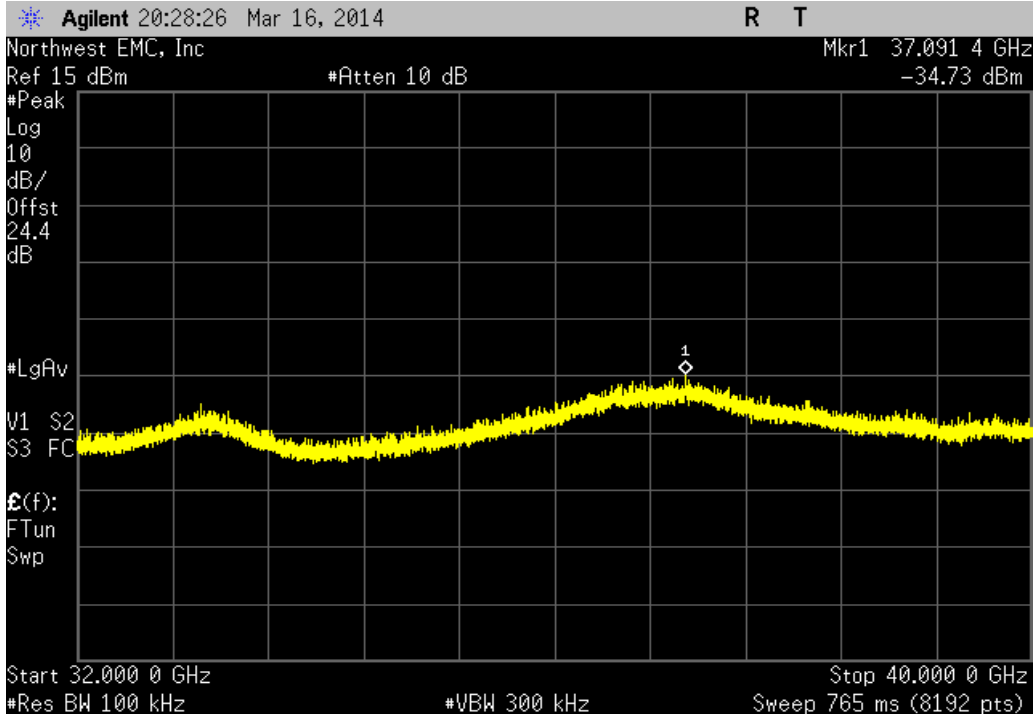
Result

32 GHz - 40 GHz

-29.23 dBc

≤ -20 dBc

Pass



B IEEE 802.11(ac), 40 MHz, 5725 MHz - 5850 MHz Band, VHT, MCS9, Low Channel 149/153, 5755 MHz

Frequency

Range

Value

Limit

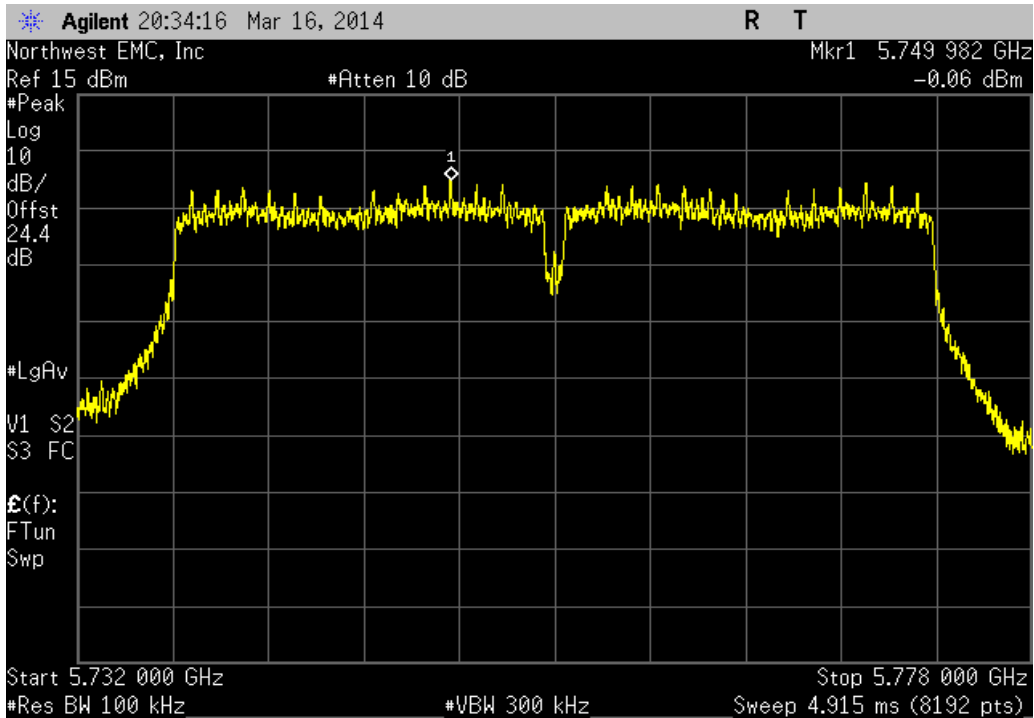
Result

Fundamental

N/A

N/A

N/A



B IEEE 802.11(ac), 40 MHz, 5725 MHz - 5850 MHz Band, VHT, MCS9, Low Channel 149/153, 5755 MHz

Frequency

Range

Value

Limit

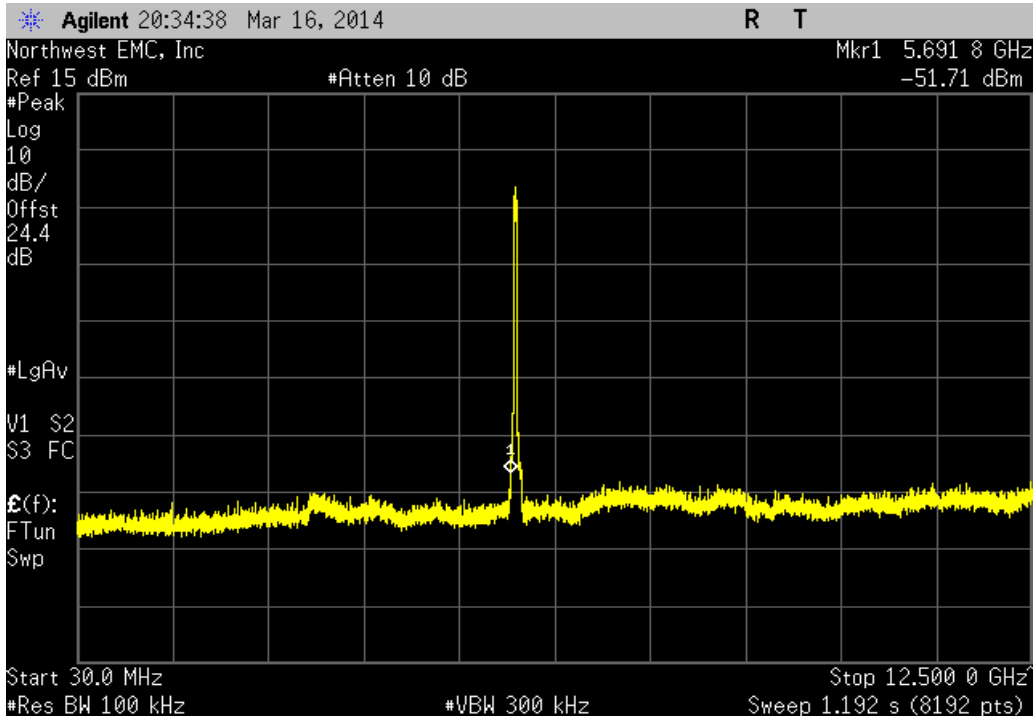
Result

30 MHz - 12.5 GHz

-51.65 dBc

≤ -20 dBc

Pass



B IEEE 802.11(ac), 40 MHz, 5725 MHz - 5850 MHz Band, VHT, MCS9, Low Channel 149/153, 5755 MHz

Frequency

Range

Value

Limit

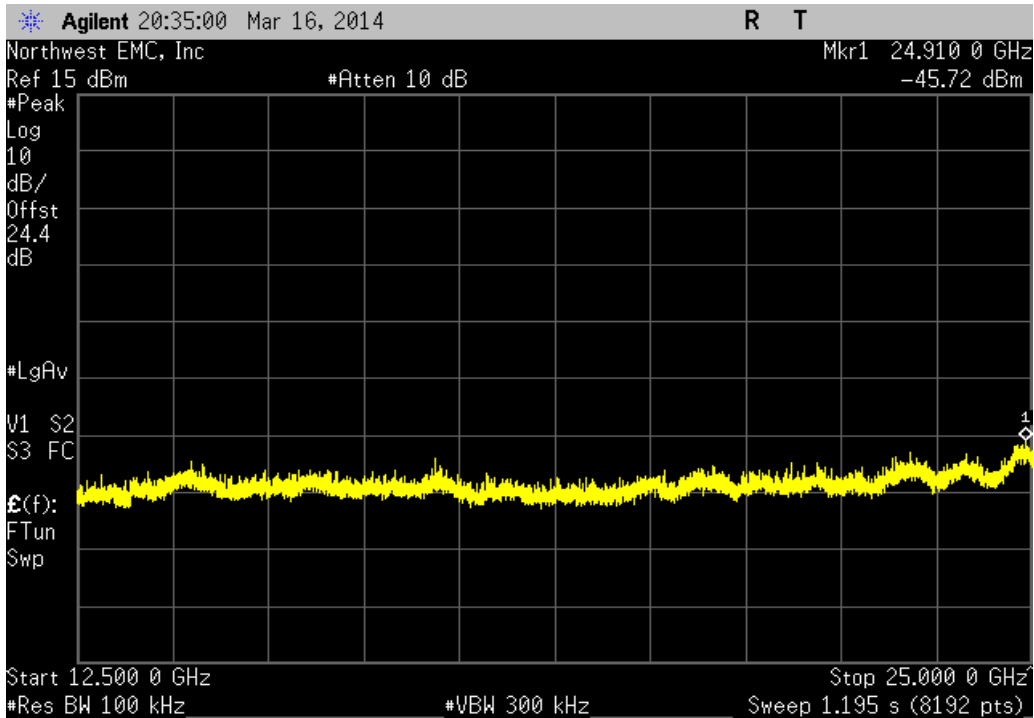
Result

12.5 GHz - 25 GHz

-45.66 dBc

≤ -20 dBc

Pass



B IEEE 802.11(ac), 40 MHz, 5725 MHz - 5850 MHz Band, VHT, MCS9, Low Channel 149/153, 5755 MHz

Frequency

Range

Value

Limit

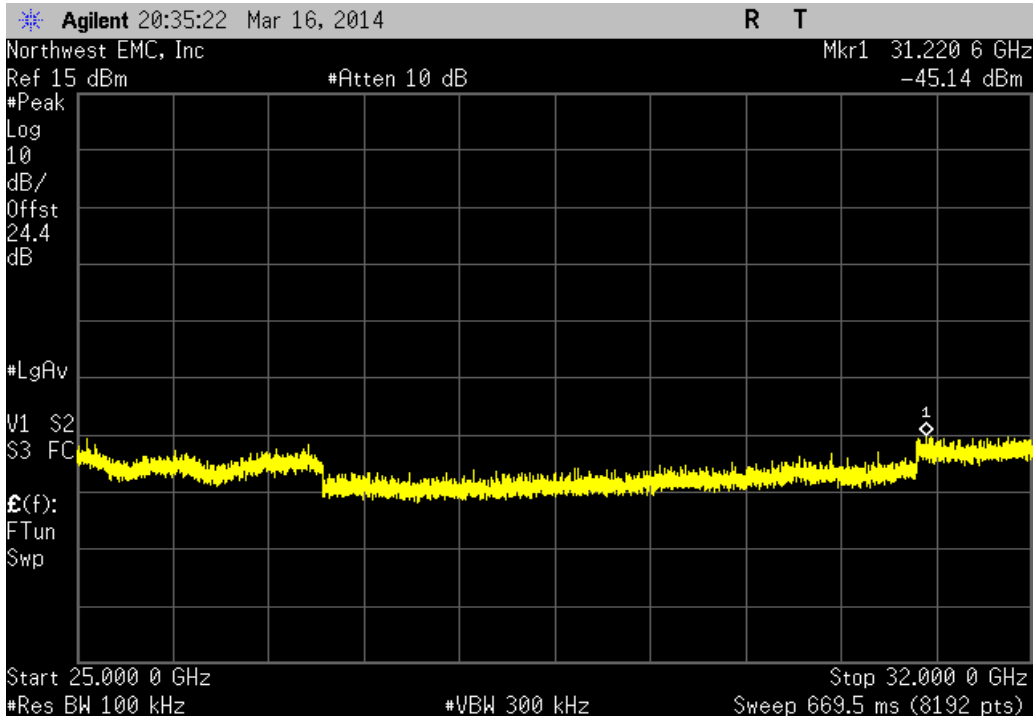
Result

25 GHz - 32 GHz

-45.08 dBc

≤ -20 dBc

Pass



B IEEE 802.11(ac), 40 MHz, 5725 MHz - 5850 MHz Band, VHT, MCS9, Low Channel 149/153, 5755 MHz

Frequency

Range

Value

Limit

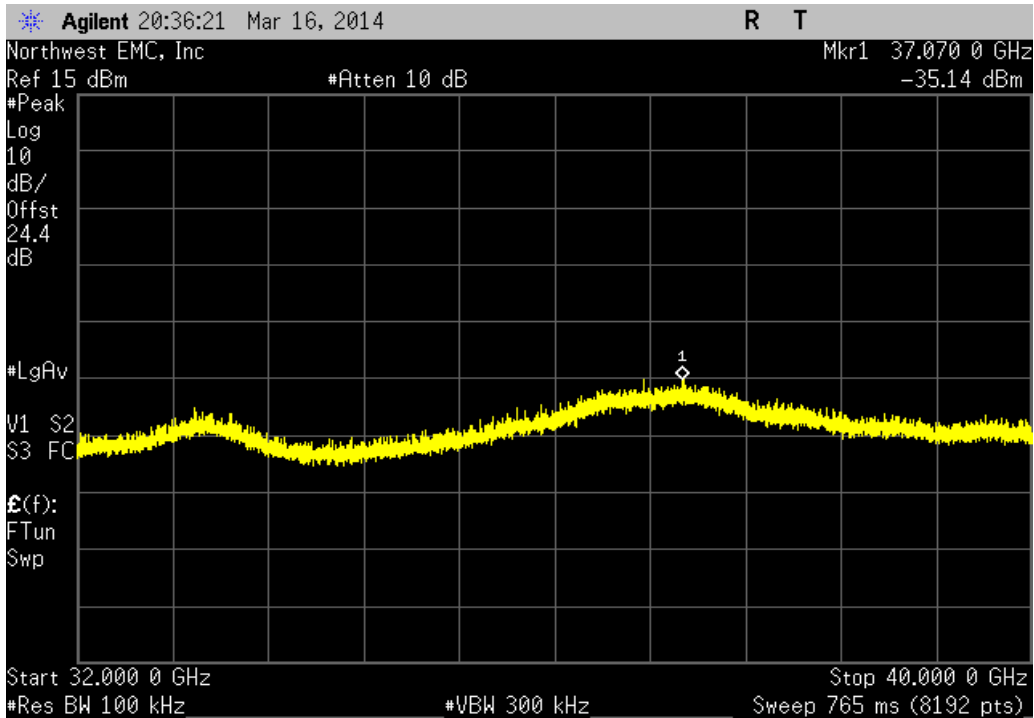
Result

32 GHz - 40 GHz

-35.08 dBc

≤ -20 dBc

Pass



B IEEE 802.11(ac), 40 MHz, 5725 MHz - 5850 MHz Band, VHT, MCS9, High Channel 157/161, 5795 MHz

Frequency

Range

Value

Limit

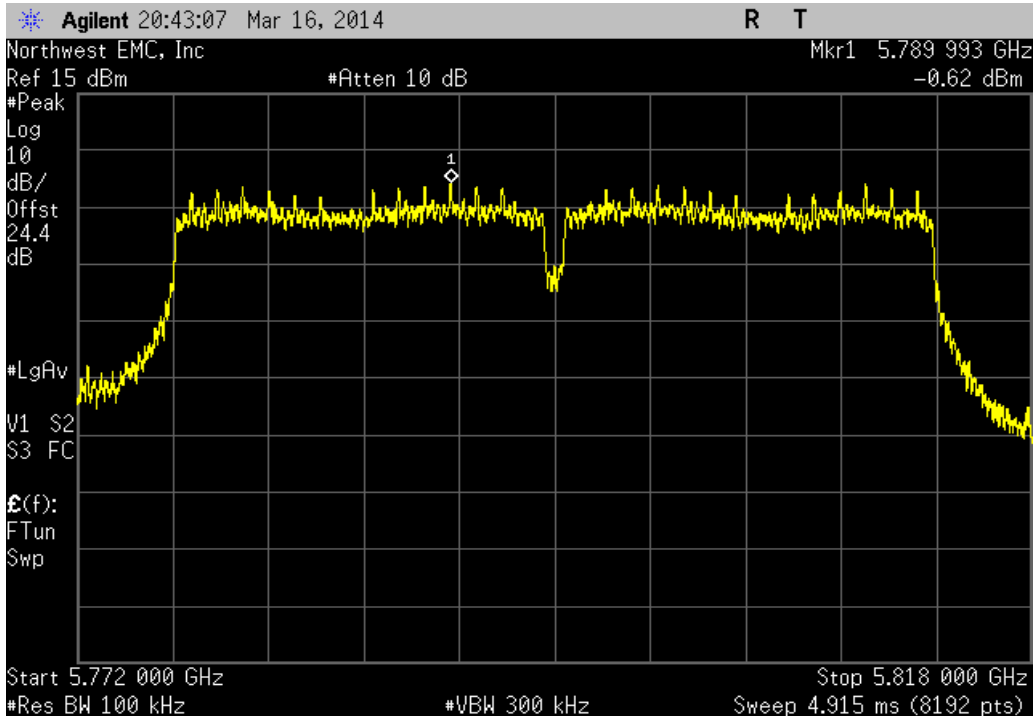
Result

Fundamental

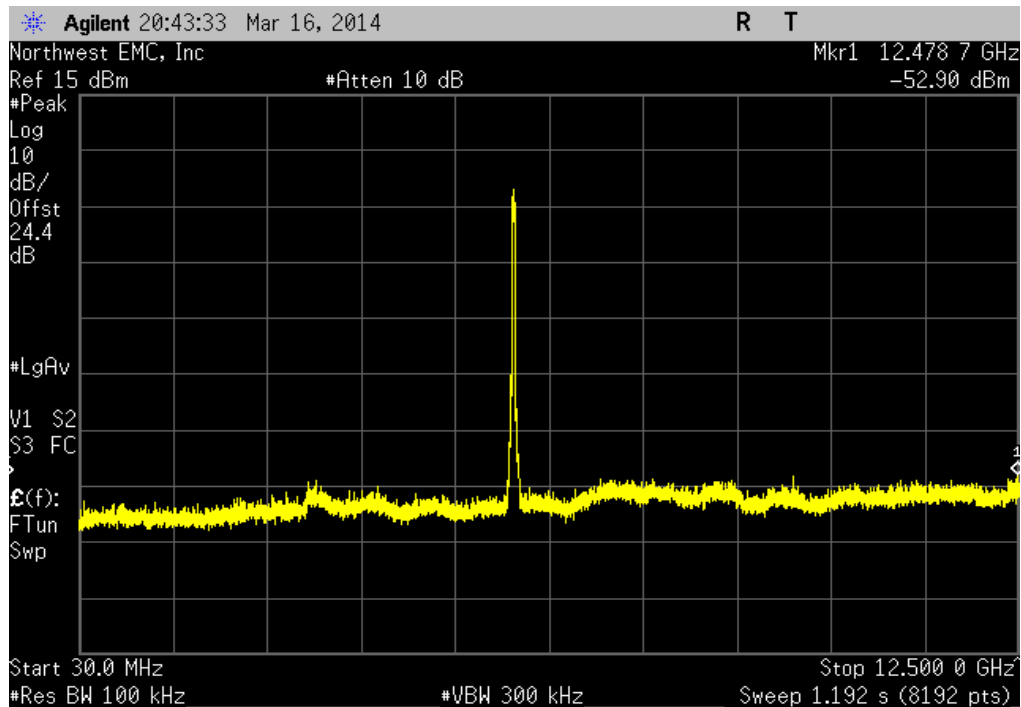
N/A

N/A

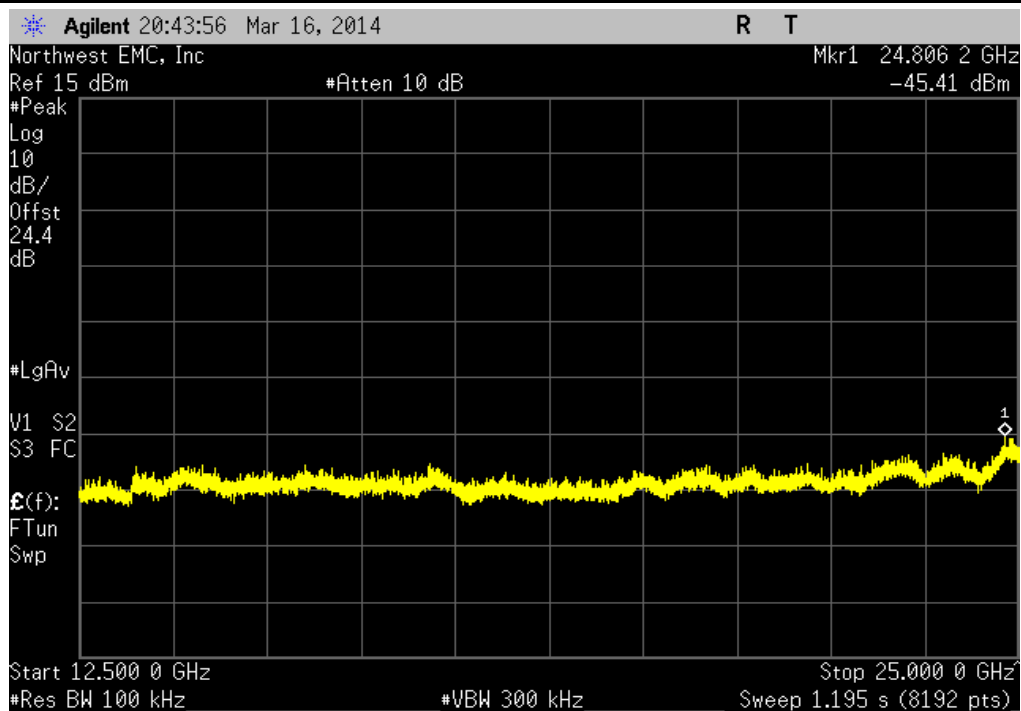
N/A



B IEEE 802.11(ac), 40 MHz, 5725 MHz - 5850 MHz Band, VHT, MCS9, High Channel 157/161, 5795 MHz			
Frequency	Value	Limit	Result
Range			
30 MHz - 12.5 GHz	-52.28 dBc	≤ -20 dBc	Pass



B IEEE 802.11(ac), 40 MHz, 5725 MHz - 5850 MHz Band, VHT, MCS9, High Channel 157/161, 5795 MHz			
Frequency	Value	Limit	Result
Range			
12.5 GHz - 25 GHz	-44.79 dBc	≤ -20 dBc	Pass



B IEEE 802.11(ac), 40 MHz, 5725 MHz - 5850 MHz Band, VHT, MCS9, High Channel 157/161, 5795 MHz

Frequency

Range

Value

Limit

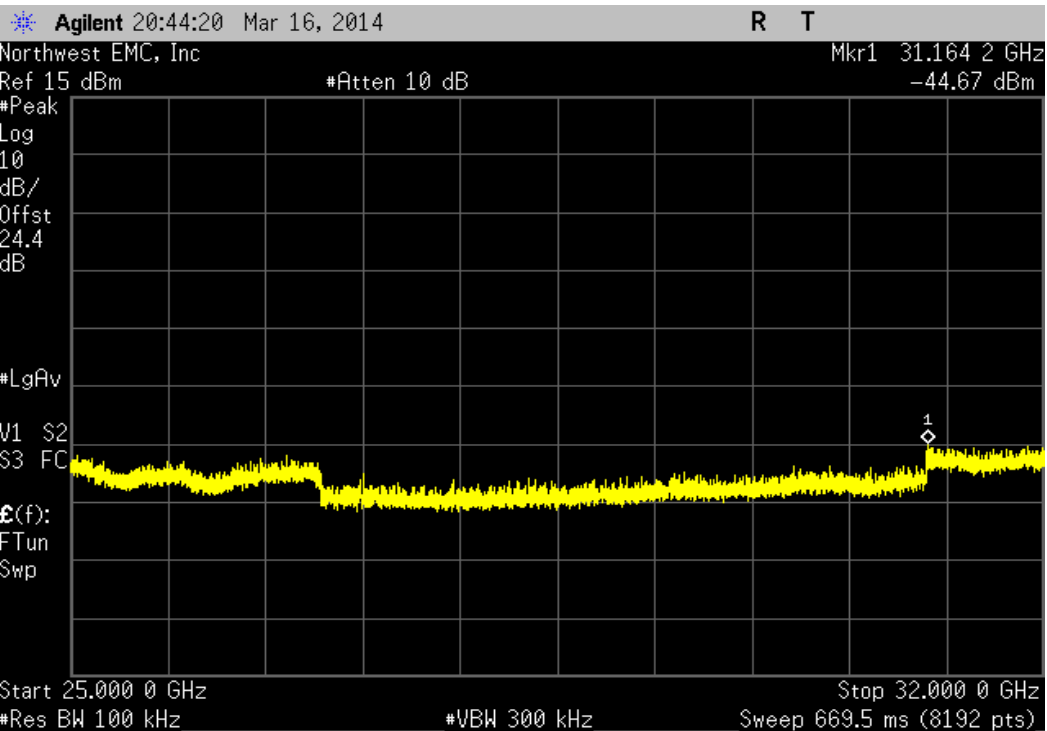
Result

25 GHz - 32 GHz

-44.05 dBc

≤ -20 dBc

Pass



B IEEE 802.11(ac), 40 MHz, 5725 MHz - 5850 MHz Band, VHT, MCS9, High Channel 157/161, 5795 MHz

Frequency

Range

Value

Limit

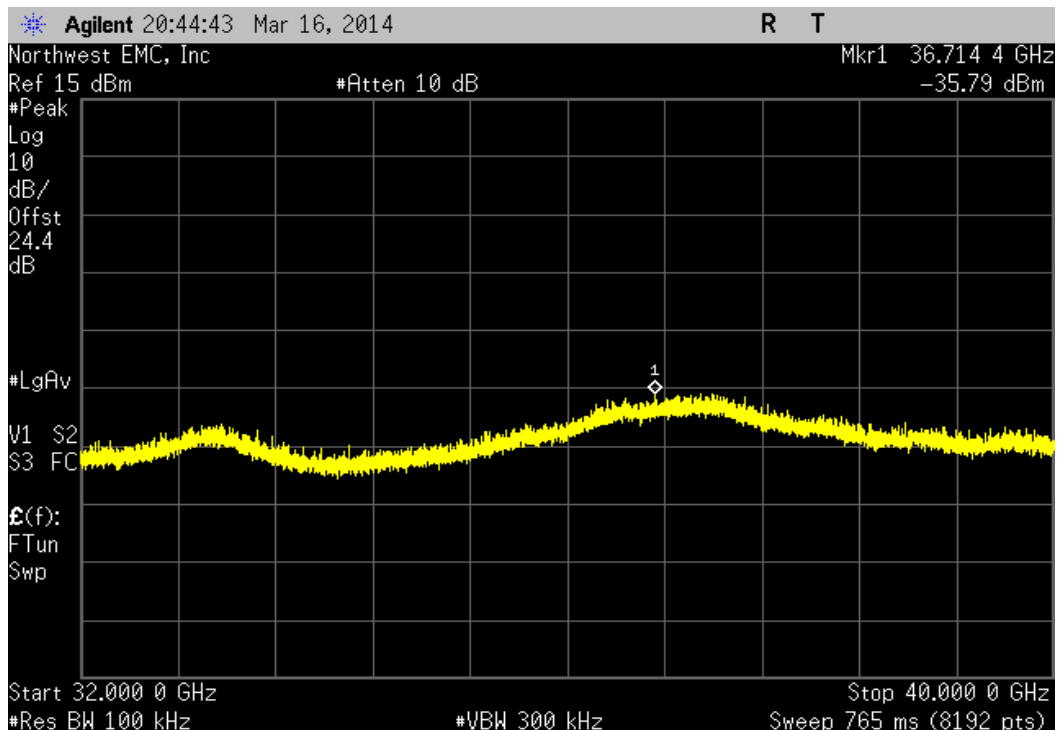
Result

32 GHz - 40 GHz

-35.17 dBc

≤ -20 dBc

Pass



B IEEE 802.11(ac), 80 MHz, 5725 MHz - 5850 MHz Band, VHT, MCS0, Low Channel 149/153/157/161, 5775 MHz

**Frequency
Range**

Value

Limit

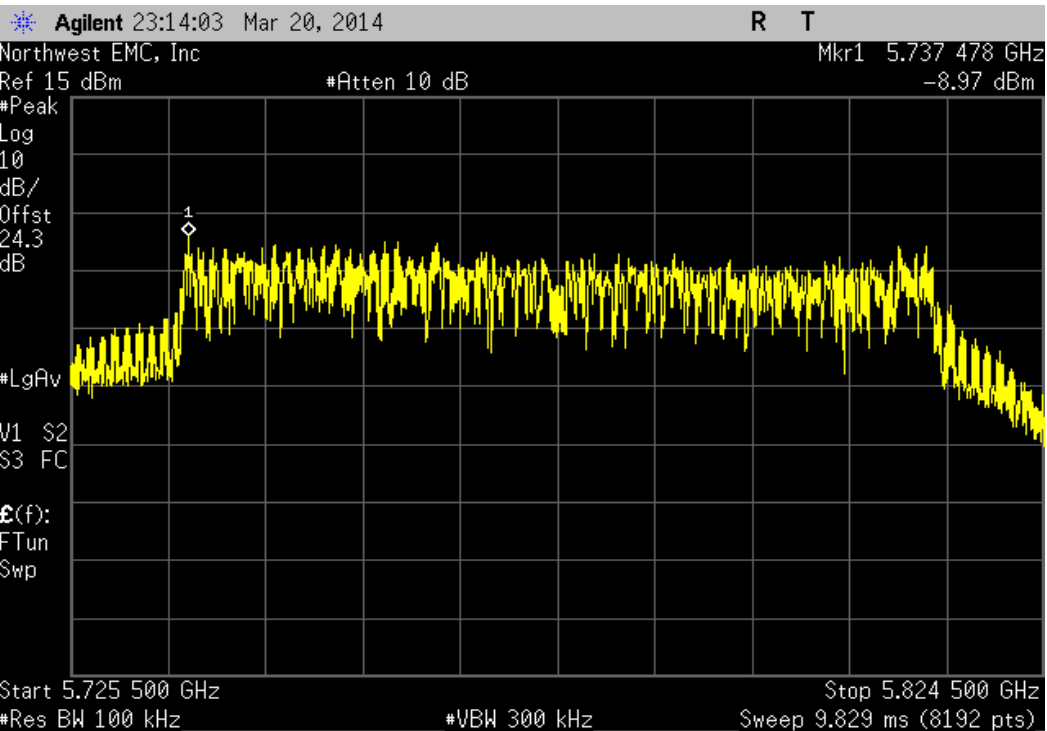
Result

Fundamental

N/A

N/A

N/A



B IEEE 802.11(ac), 80 MHz, 5725 MHz - 5850 MHz Band, VHT, MCS0, Low Channel 149/153/157/161, 5775 MHz

**Frequency
Range**

Value

Limit

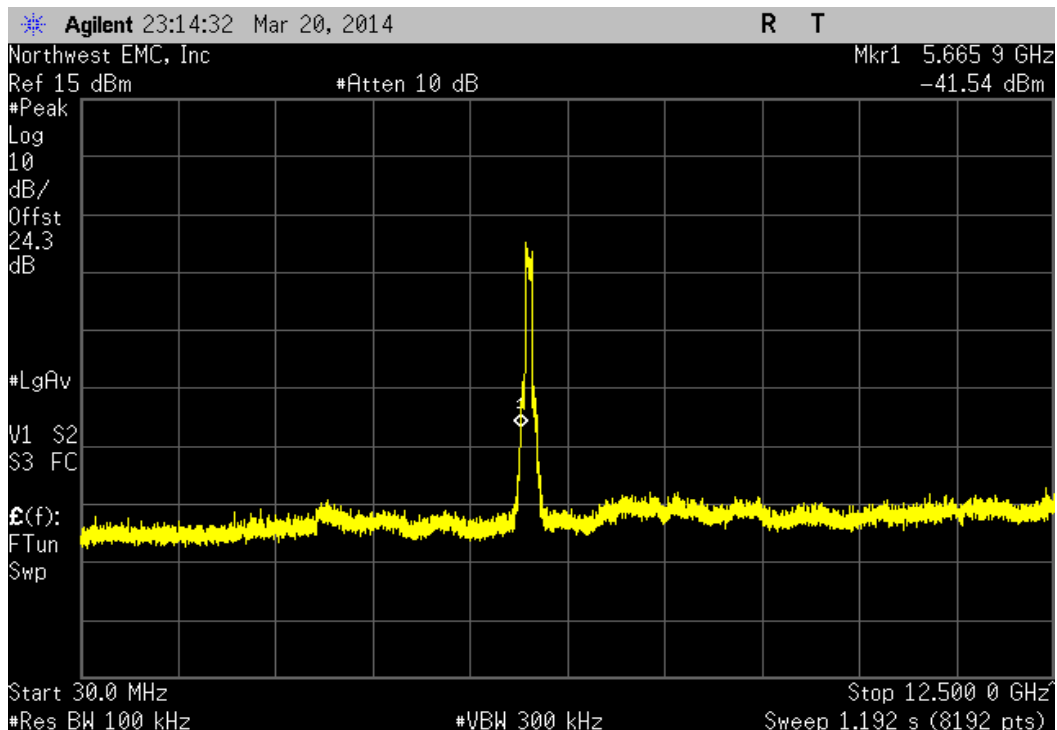
Result

30 MHz - 12.5 GHz

-32.57 dBc

≤ -20 dBc

Pass



B IEEE 802.11(ac), 80 MHz, 5725 MHz - 5850 MHz Band, VHT, MCS0, Low Channel 149/153/157/161, 5775 MHz

Frequency

Range

Value

Limit

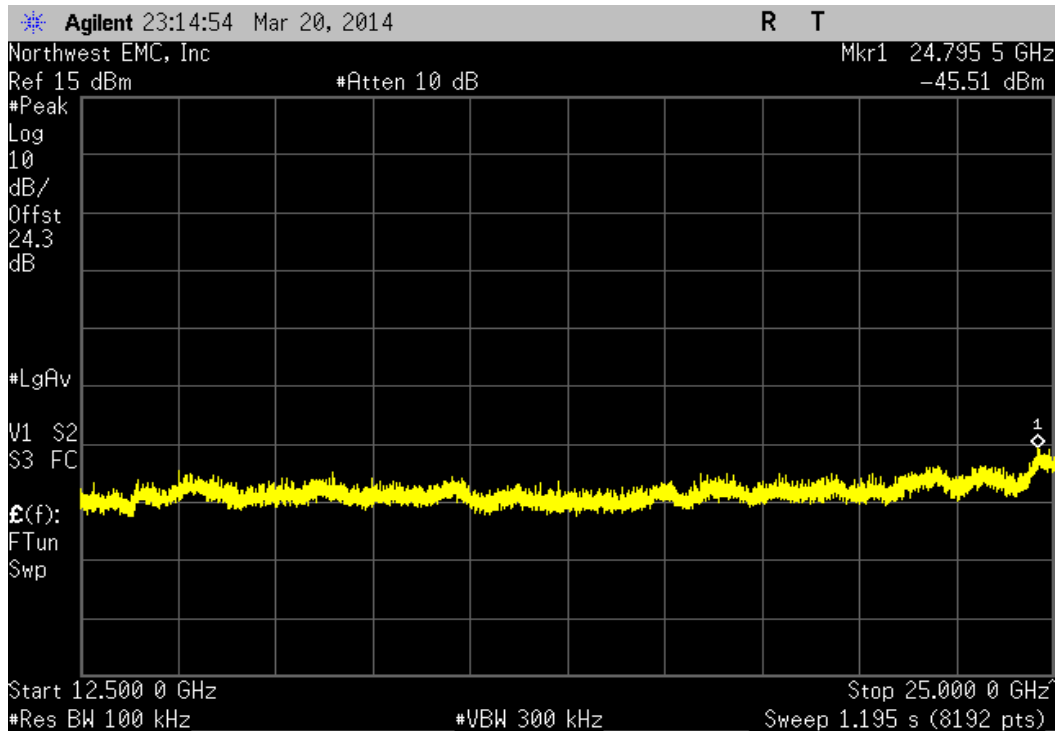
Result

12.5 GHz - 25 GHz

-36.54 dBc

≤ -20 dBc

Pass



B IEEE 802.11(ac), 80 MHz, 5725 MHz - 5850 MHz Band, VHT, MCS0, Low Channel 149/153/157/161, 5775 MHz

Frequency

Range

Value

Limit

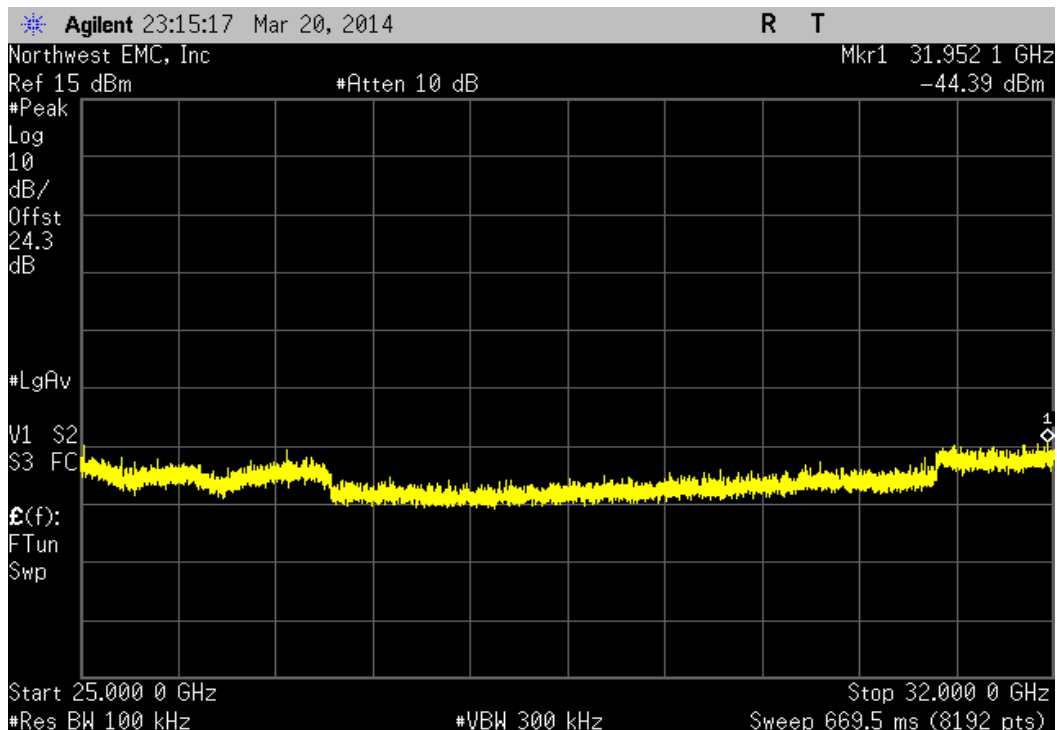
Result

25 GHz - 32 GHz

-35.42 dBc

≤ -20 dBc

Pass



B IEEE 802.11(ac), 80 MHz, 5725 MHz - 5850 MHz Band, VHT, MCS0, Low Channel 149/153/157/161, 5775 MHz

Frequency

Range

Value

Limit

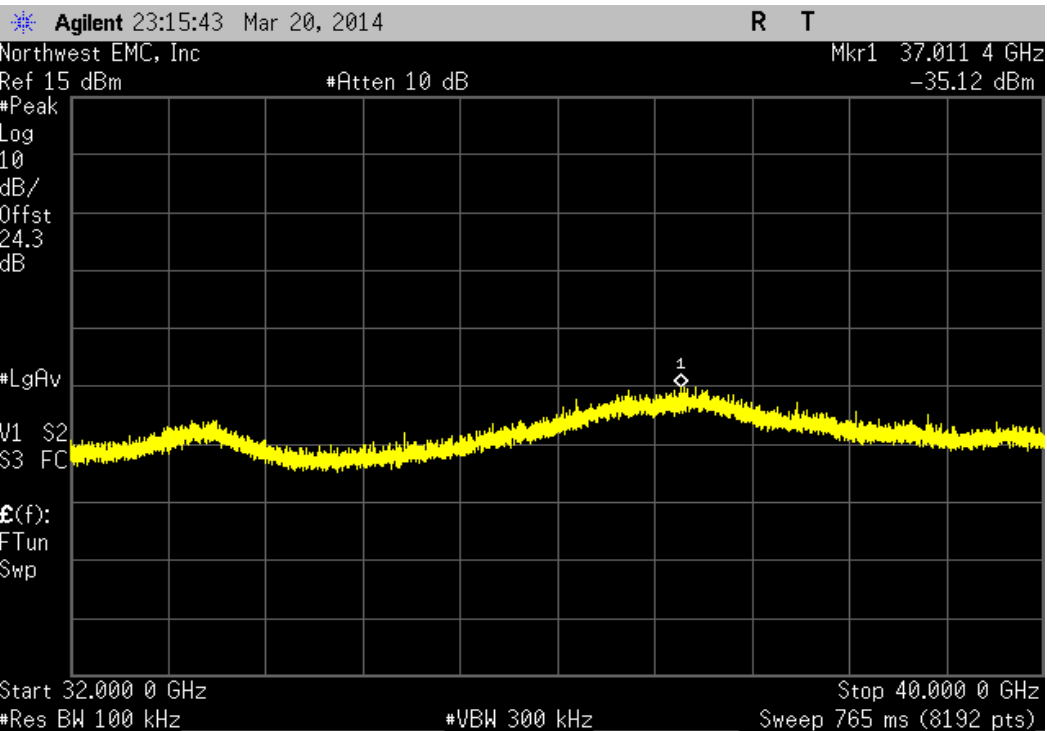
Result

32 GHz - 40 GHz

-26.16 dBc

≤ -20 dBc

Pass



B IEEE 802.11(ac), 80 MHz, 5725 MHz - 5850 MHz Band, VHT, MCS9, Low Channel 149/153/157/161, 5775 MHz

Frequency

Range

Value

Limit

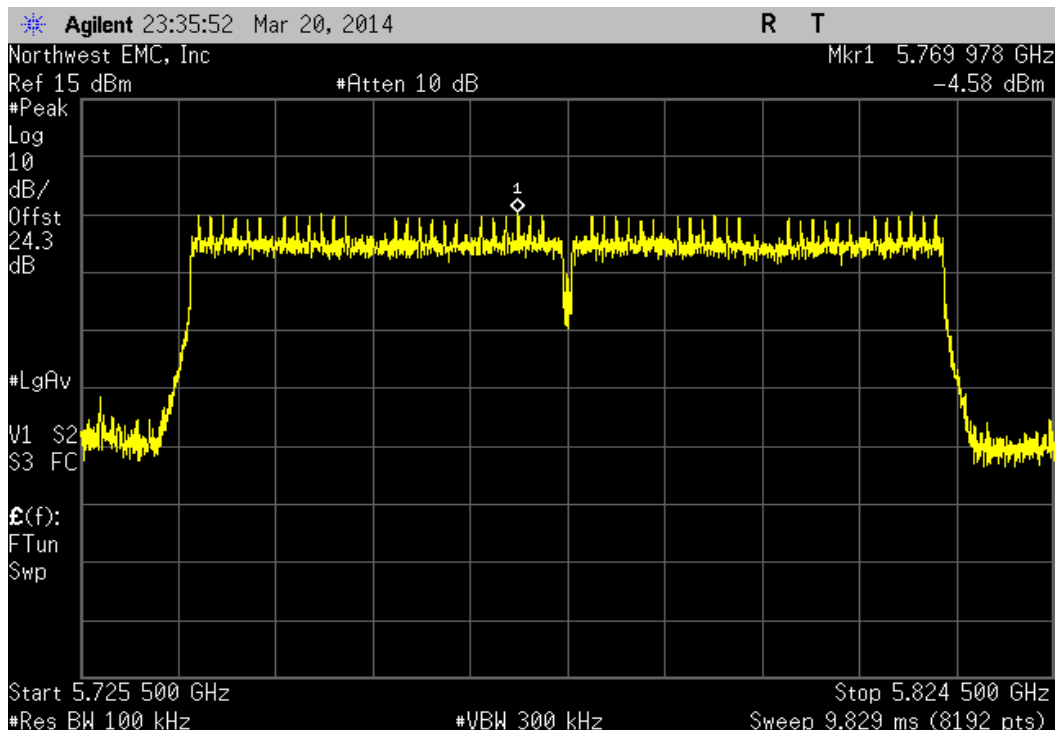
Result

Fundamental

N/A

N/A

N/A



B IEEE 802.11(ac), 80 MHz, 5725 MHz - 5850 MHz Band, VHT, MCS9, Low Channel 149/153/157/161, 5775 MHz

Frequency

Range

Value

Limit

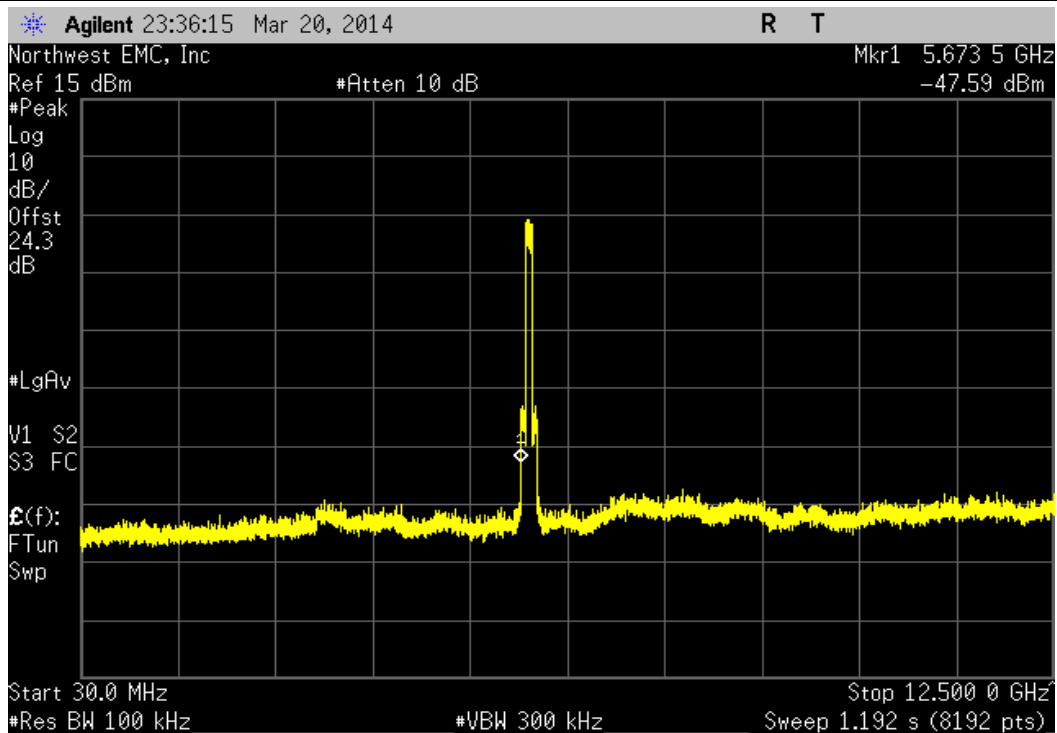
Result

30 MHz - 12.5 GHz

-43.01 dBc

≤ -20 dBc

Pass



B IEEE 802.11(ac), 80 MHz, 5725 MHz - 5850 MHz Band, VHT, MCS9, Low Channel 149/153/157/161, 5775 MHz

Frequency

Range

Value

Limit

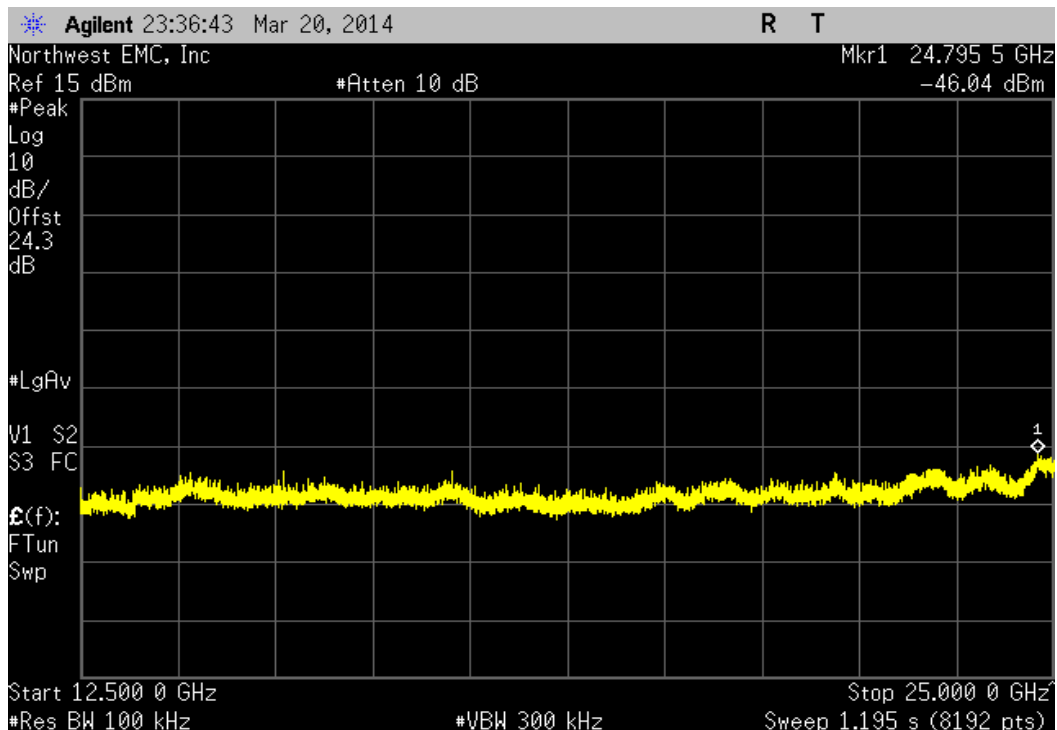
Result

12.5 GHz - 25 GHz

-41.46 dBc

≤ -20 dBc

Pass



B IEEE 802.11(ac), 80 MHz, 5725 MHz - 5850 MHz Band, VHT, MCS9, Low Channel 149/153/157/161, 5775 MHz

Frequency

Range

Value

Limit

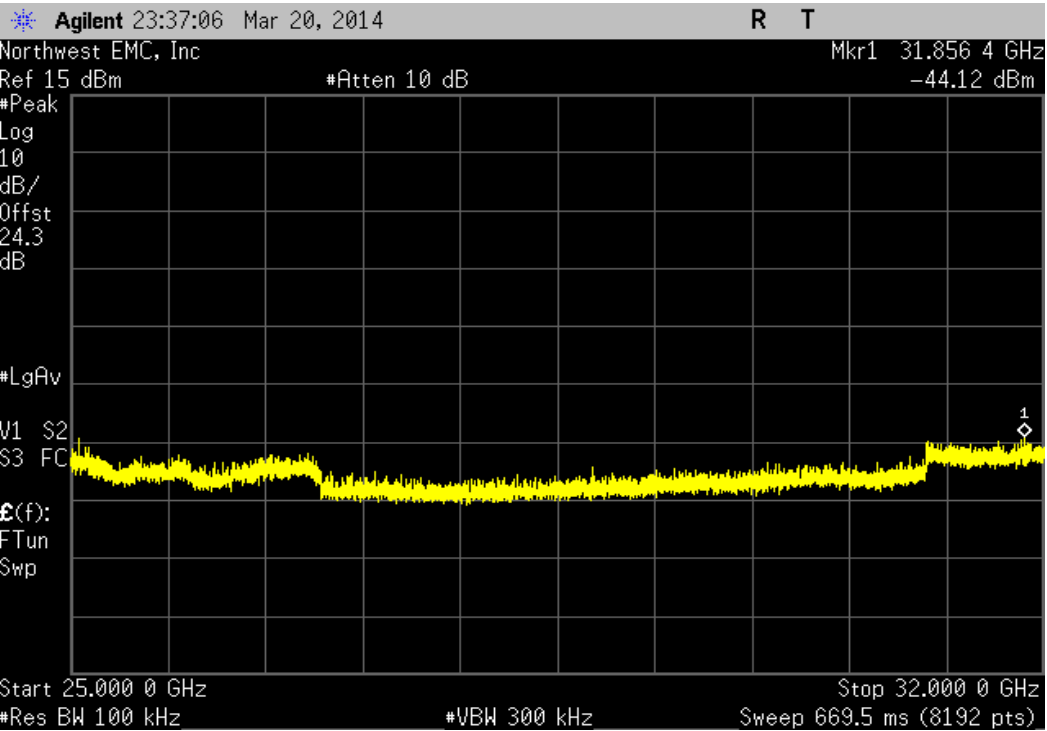
Result

25 GHz - 32 GHz

-39.54 dBc

≤ -20 dBc

Pass



B IEEE 802.11(ac), 80 MHz, 5725 MHz - 5850 MHz Band, VHT, MCS9, Low Channel 149/153/157/161, 5775 MHz

Frequency

Range

Value

Limit

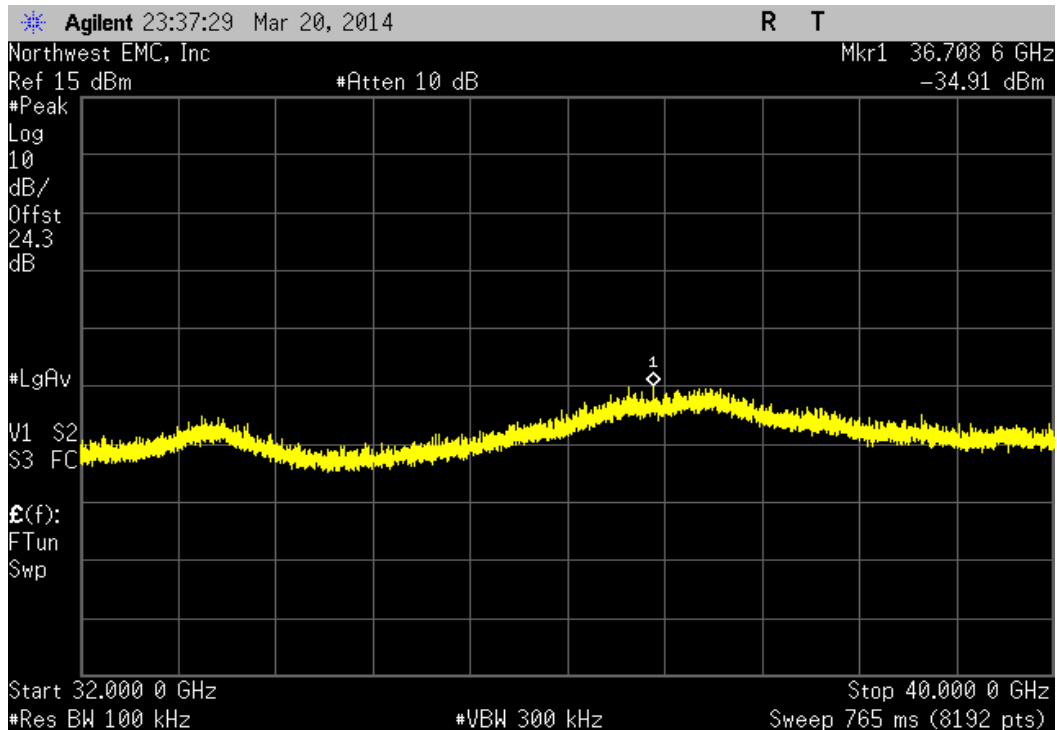
Result

32 GHz - 40 GHz

-30.33 dBc

≤ -20 dBc

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 (mo.)
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
EV06 Direct Connect Cable	ESM Cable Corp.	TT	ECA	NCR	0
Attenuator, 6dB	S.M. Electronics	18N-06	AWN	2/3/2014	12
MXG Analog Signal Generator	Agilent	N5181A	TIG	NCR	0
Power Meter	Gigatronics	8651A	SPM	11/26/2013	24
Power Sensor	Gigatronics	80701A	SPL	7/8/2011	36
Spectrum Analyzer	Agilent	E4446A	AAQ	1/21/2014	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. For each transmit frequency, the spectrum was scanned throughout the specified frequency range.

EUT: Model 1631		Work Order: MCS01688	
Serial Number: 041149340753		Date: 03/02/14	
Customer: Microsoft Corporation		Temperature: 21.6°C	
Attended: None		Humidity: 26%	
Project: None		Barometric Press.: 1097	
Tested by: Brandon Hobbs, Jared Ison	Power: 110VAC@60Hz	Job Site: EV06	
TEST SPECIFICATION: FCC 15.247-2014	Test Method: ANSI C63.10-2009		
COMMENTS			
Modes of operation tested were client provided.			
DEVIATIONS FROM TEST STANDARD			
None			
Configuration #	1	Signature: 	
		Frequency Range	Value Limit Result
IEEE 802.11(a)			
20 MHz		5725 MHz - 5850 MHz Band 8 Mbps	
		Low Channel 149, 5745 MHz	Fundamental N/A N/A N/A
		Low Channel 149, 5745 MHz	30 MHz - 12.5 GHz -53.54 dBc ≤ -20 dBc Pass
		Low Channel 149, 5745 MHz	12.5 GHz - 25 GHz -47.7 dBc ≤ -20 dBc Pass
		Low Channel 149, 5745 MHz	25 GHz - 32 GHz -46.04 dBc ≤ -20 dBc Pass
		Low Channel 149, 5745 MHz	32 GHz - 40 GHz -34.6 dBc ≤ -20 dBc Pass
		Mid Channel 157, 5785 MHz	Fundamental N/A N/A N/A
		Mid Channel 157, 5785 MHz	30 MHz - 12.5 GHz -54.42 dBc ≤ -20 dBc Pass
		Mid Channel 157, 5785 MHz	12.5 GHz - 25 GHz -47.53 dBc ≤ -20 dBc Pass
		Mid Channel 157, 5785 MHz	25 GHz - 32 GHz -45.83 dBc ≤ -20 dBc Pass
		Mid Channel 157, 5785 MHz	32 GHz - 40 GHz -35.93 dBc ≤ -20 dBc Pass
		High Channel 165, 5825 MHz	Fundamental N/A N/A N/A
		High Channel 165, 5825 MHz	30 MHz - 12.5 GHz -54.31 dBc ≤ -20 dBc Pass
		High Channel 165, 5825 MHz	12.5 GHz - 25 GHz -47.75 dBc ≤ -20 dBc Pass
		High Channel 165, 5825 MHz	25 GHz - 32 GHz -44.91 dBc ≤ -20 dBc Pass
		High Channel 165, 5825 MHz	32 GHz - 40 GHz -36.74 dBc ≤ -20 dBc Pass
		36 Mbps	
		Low Channel 149, 5745 MHz	Fundamental N/A N/A N/A
		Low Channel 149, 5745 MHz	30 MHz - 12.5 GHz -55.37 dBc ≤ -20 dBc Pass
		Low Channel 149, 5745 MHz	12.5 GHz - 25 GHz -48.09 dBc ≤ -20 dBc Pass
		Low Channel 149, 5745 MHz	25 GHz - 32 GHz -47.35 dBc ≤ -20 dBc Pass
		Low Channel 149, 5745 MHz	32 GHz - 40 GHz -37.6 dBc ≤ -20 dBc Pass
		Mid Channel 157, 5785 MHz	Fundamental N/A N/A N/A
		Mid Channel 157, 5785 MHz	30 MHz - 12.5 GHz -53.95 dBc ≤ -20 dBc Pass
		Mid Channel 157, 5785 MHz	12.5 GHz - 25 GHz -47.42 dBc ≤ -20 dBc Pass
		Mid Channel 157, 5785 MHz	25 GHz - 32 GHz -45.67 dBc ≤ -20 dBc Pass
		Mid Channel 157, 5785 MHz	32 GHz - 40 GHz -36.29 dBc ≤ -20 dBc Pass
		High Channel 165, 5825 MHz	Fundamental N/A N/A N/A
		High Channel 165, 5825 MHz	30 MHz - 12.5 GHz -53.86 dBc ≤ -20 dBc Pass
		High Channel 165, 5825 MHz	12.5 GHz - 25 GHz -47.16 dBc ≤ -20 dBc Pass
		High Channel 165, 5825 MHz	25 GHz - 32 GHz -45.84 dBc ≤ -20 dBc Pass
		High Channel 165, 5825 MHz	32 GHz - 40 GHz -36.6 dBc ≤ -20 dBc Pass
		54 Mbps	
		Low Channel 149, 5745 MHz	Fundamental N/A N/A N/A
		Low Channel 149, 5745 MHz	30 MHz - 12.5 GHz -54.54 dBc ≤ -20 dBc Pass
		Low Channel 149, 5745 MHz	12.5 GHz - 25 GHz -47.06 dBc ≤ -20 dBc Pass
		Low Channel 149, 5745 MHz	25 GHz - 32 GHz -46.52 dBc ≤ -20 dBc Pass
		Low Channel 149, 5745 MHz	32 GHz - 40 GHz -36.98 dBc ≤ -20 dBc Pass
		Mid Channel 157, 5785 MHz	Fundamental N/A N/A N/A
		Mid Channel 157, 5785 MHz	30 MHz - 12.5 GHz -54.33 dBc ≤ -20 dBc Pass
		Mid Channel 157, 5785 MHz	12.5 GHz - 25 GHz -47.26 dBc ≤ -20 dBc Pass
		Mid Channel 157, 5785 MHz	25 GHz - 32 GHz -46.45 dBc ≤ -20 dBc Pass
		Mid Channel 157, 5785 MHz	32 GHz - 40 GHz -36.87 dBc ≤ -20 dBc Pass
		High Channel 165, 5825 MHz	Fundamental N/A N/A N/A
		High Channel 165, 5825 MHz	30 MHz - 12.5 GHz -55.22 dBc ≤ -20 dBc Pass
		High Channel 165, 5825 MHz	12.5 GHz - 25 GHz -47.89 dBc ≤ -20 dBc Pass
		High Channel 165, 5825 MHz	25 GHz - 32 GHz -47.01 dBc ≤ -20 dBc Pass
		High Channel 165, 5825 MHz	32 GHz - 40 GHz -37.62 dBc ≤ -20 dBc Pass
IEEE 802.11(n)			
20 MHz		5725 MHz - 5850 MHz Band HT, MCS7	
		Low Channel 149, 5745 MHz	Fundamental N/A N/A N/A
		Low Channel 149, 5745 MHz	30 MHz - 12.5 GHz -54.16 dBc ≤ -20 dBc Pass
		Low Channel 149, 5745 MHz	12.5 GHz - 25 GHz -48.28 dBc ≤ -20 dBc Pass
		Low Channel 149, 5745 MHz	25 GHz - 32 GHz -46.67 dBc ≤ -20 dBc Pass
		Low Channel 149, 5745 MHz	32 GHz - 40 GHz -36.97 dBc ≤ -20 dBc Pass
		Mid Channel 157, 5785 MHz	Fundamental N/A N/A N/A
		Mid Channel 157, 5785 MHz	30 MHz - 12.5 GHz -54.25 dBc ≤ -20 dBc Pass
		Mid Channel 157, 5785 MHz	12.5 GHz - 25 GHz -48.04 dBc ≤ -20 dBc Pass
		Mid Channel 157, 5785 MHz	25 GHz - 32 GHz -46.54 dBc ≤ -20 dBc Pass
		Mid Channel 157, 5785 MHz	32 GHz - 40 GHz -37.17 dBc ≤ -20 dBc Pass
		High Channel 165, 5825 MHz	Fundamental N/A N/A N/A
		High Channel 165, 5825 MHz	30 MHz - 12.5 GHz -54.66 dBc ≤ -20 dBc Pass
		High Channel 165, 5825 MHz	12.5 GHz - 25 GHz -47.28 dBc ≤ -20 dBc Pass
		High Channel 165, 5825 MHz	25 GHz - 32 GHz -46.33 dBc ≤ -20 dBc Pass
		High Channel 165, 5825 MHz	32 GHz - 40 GHz -37.23 dBc ≤ -20 dBc Pass
		40 MHz	
		5725 MHz - 5850 MHz Band HT, MCS7	
		Low Channel 149/153, 5755 MHz	Fundamental N/A N/A N/A
		Low Channel 149/153, 5755 MHz	30 MHz - 12.5 GHz -49.84 dBc ≤ -20 dBc Pass
		Low Channel 149/153, 5755 MHz	12.5 GHz - 25 GHz -44.95 dBc ≤ -20 dBc Pass
		Low Channel 149/153, 5755 MHz	25 GHz - 32 GHz -43.75 dBc ≤ -20 dBc Pass
		Low Channel 149/153, 5755 MHz	32 GHz - 40 GHz -34.09 dBc ≤ -20 dBc Pass
		High Channel 157/161, 5795 MHz	Fundamental N/A N/A N/A
		High Channel 157/161, 5795 MHz	30 MHz - 12.5 GHz -52.13 dBc ≤ -20 dBc Pass
		High Channel 157/161, 5795 MHz	12.5 GHz - 25 GHz -44.03 dBc ≤ -20 dBc Pass
		High Channel 157/161, 5795 MHz	25 GHz - 32 GHz -42.47 dBc ≤ -20 dBc Pass
		High Channel 157/161, 5795 MHz	32 GHz - 40 GHz -33.98 dBc ≤ -20 dBc Pass
IEEE 802.11(ac)			
20 MHz		5725 MHz - 5850 MHz Band VHT, MCS0	
		Low Channel 149, 5745 MHz	Fundamental N/A N/A N/A
		Low Channel 149, 5745 MHz	30 MHz - 12.5 GHz -55.07 dBc ≤ -20 dBc Pass
		Low Channel 149, 5745 MHz	12.5 GHz - 25 GHz -46.7 dBc ≤ -20 dBc Pass
		Low Channel 149, 5745 MHz	25 GHz - 32 GHz -45.95 dBc ≤ -20 dBc Pass
		Low Channel 149, 5745 MHz	32 GHz - 40 GHz -36.57 dBc ≤ -20 dBc Pass
		Mid Channel 157, 5785 MHz	Fundamental N/A N/A N/A
		Mid Channel 157, 5785 MHz	30 MHz - 12.5 GHz -53.63 dBc ≤ -20 dBc Pass
		Mid Channel 157, 5785 MHz	12.5 GHz - 25 GHz -46.96 dBc ≤ -20 dBc Pass
		Mid Channel 157, 5785 MHz	25 GHz - 32 GHz -44.92 dBc ≤ -20 dBc Pass
		Mid Channel 157, 5785 MHz	32 GHz - 40 GHz -35.39 dBc ≤ -20 dBc Pass
		High Channel 165, 5825 MHz	Fundamental N/A N/A N/A
		High Channel 165, 5825 MHz	30 MHz - 12.5 GHz -53.49 dBc ≤ -20 dBc Pass
		High Channel 165, 5825 MHz	12.5 GHz - 25 GHz -47.1 dBc ≤ -20 dBc Pass
		High Channel 165, 5825 MHz	25 GHz - 32 GHz -45.85 dBc ≤ -20 dBc Pass
		High Channel 165, 5825 MHz	32 GHz - 40 GHz -36.43 dBc ≤ -20 dBc Pass
		VHT, MCS1	
		Low Channel 149, 5745 MHz	Fundamental N/A N/A N/A
		Low Channel 149, 5745 MHz	30 MHz - 12.5 GHz -54.79 dBc ≤ -20 dBc Pass
		Low Channel 149, 5745 MHz	12.5 GHz - 25 GHz -47.97 dBc ≤ -20 dBc Pass
		Low Channel 149, 5745 MHz	25 GHz - 32 GHz -46.69 dBc ≤ -20 dBc Pass
		Low Channel 149, 5745 MHz	32 GHz - 40 GHz -36.81 dBc ≤ -20 dBc Pass
		Mid Channel 157, 5785 MHz	Fundamental N/A N/A N/A
		Mid Channel 157, 5785 MHz	30 MHz - 12.5 GHz -55.09 dBc ≤ -20 dBc Pass
		Mid Channel 157, 5785 MHz	12.5 GHz - 25 GHz -47.91 dBc ≤ -20 dBc Pass
		Mid Channel 157, 5785 MHz	25 GHz - 32 GHz -46.33 dBc ≤ -20 dBc Pass
		Mid Channel 157, 5785 MHz	32 GHz - 40 GHz -37.83 dBc ≤ -20 dBc Pass
		High Channel 165, 5825 MHz	Fundamental N/A N/A N/A
		High Channel 165, 5825 MHz	30 MHz - 12.5 GHz -54.88 dBc ≤ -20 dBc Pass
		High Channel 165, 5825 MHz	12.5 GHz - 25 GHz -48.8 dBc ≤ -20 dBc Pass
		High Channel 165, 5825 MHz	25 GHz - 32 GHz -46.45 dBc ≤ -20 dBc Pass
		High Channel 165, 5825 MHz	32 GHz - 40 GHz -36.95 dBc ≤ -20 dBc Pass
		40 MHz	
		5725 MHz - 5850 MHz Band VHT, MCS0	
		Low Channel 149/153, 5755 MHz	Fundamental N/A N/A N/A
		Low Channel 149/153, 5755 MHz	30 MHz - 12.5 GHz -50.5 dBc ≤ -20 dBc Pass
		Low Channel 149/153, 5755 MHz	12.5 GHz - 25 GHz -44.73 dBc ≤ -20 dBc Pass
		Low Channel 149/153, 5755 MHz	25 GHz - 32 GHz -42.94 dBc ≤ -20 dBc Pass
		Low Channel 149/153, 5755 MHz	32 GHz - 40 GHz -33.81 dBc ≤ -20 dBc Pass
		High Channel 157/161, 5795 MHz	Fundamental N/A N/A N/A
		High Channel 157/161, 5795 MHz	30 MHz - 12.5 GHz -50.44 dBc ≤ -20 dBc Pass
		High Channel 157/161, 5795 MHz	12.5 GHz - 25 GHz -44.73 dBc ≤ -20 dBc Pass
		High Channel 157/161, 5795 MHz	25 GHz - 32 GHz -43.02 dBc ≤ -20 dBc Pass
		High Channel 157/161, 5795 MHz	32 GHz - 40 GHz -32.9 dBc ≤ -20 dBc Pass
		VHT, MCS1	
		Low Channel 149/153, 5755 MHz	Fundamental N/A N/A N/A
		Low Channel 149/153, 5755 MHz	30 MHz - 12.5 GHz -50.65 dBc ≤ -20 dBc Pass
		Low Channel 149/153, 5755 MHz	12.5 GHz - 25 GHz -45.01 dBc ≤ -20 dBc Pass
		Low Channel 149/153, 5755 MHz	25 GHz - 32 GHz -43.03 dBc ≤ -20 dBc Pass
		Low Channel 149/153, 5755 MHz	32 GHz - 40 GHz -33.6 dBc ≤ -20 dBc Pass
		High Channel 157/161, 5795 MHz	Fundamental N/A N/A N/A
		High Channel 157/161, 5795 MHz	30 MHz - 12.5 GHz -52.26 dBc ≤ -20 dBc Pass
		High Channel 157/161, 5795 MHz	12.5 GHz - 25 GHz -45.71 dBc ≤ -20 dBc Pass
		High Channel 157/161, 5795 MHz	25 GHz - 32 GHz -43.86 dBc ≤ -20 dBc Pass
		High Channel 157/161, 5795 MHz	32 GHz - 40 GHz -33.78 dBc ≤ -20 dBc Pass
		80 MHz	
		5725 MHz - 5850 MHz Band VHT, MCS0	
		Low Channel 149/153/157/161, 5775 MHz	Fundamental N/A N/A N/A
		Low Channel 149/153/157/161, 5775 MHz	30 MHz - 12.5 GHz -39.79 dBc ≤ -20 dBc Pass
		Low Channel 149/153/157/161, 5775 MHz	12.5 GHz - 25 GHz -39.94 dBc ≤ -20 dBc Pass
		Low Channel 149/153/157/161, 5775 MHz	25 GHz - 32 GHz -38.96 dBc ≤ -20 dBc Pass
		Low Channel 149/153/157/161, 5775 MHz	32 GHz - 40 GHz -30.08 dBc ≤ -20 dBc Pass
		VHT, MCS1	
		Low Channel 149/153/157/161, 5775 MHz	Fundamental N/A N/A N/A
		Low Channel 149/153/157/161, 5775 MHz	30 MHz - 12.5 GHz -42.47 dBc ≤ -20 dBc Pass
		Low Channel 149/153/157/161, 5775 MHz	12.5 GHz - 25 GHz -40.23 dBc ≤ -20 dBc Pass
		Low Channel 149/153/157/161, 5775 MHz	25 GHz - 32 GHz -39.31 dBc ≤ -20 dBc Pass
		Low Channel 149/153/157/161, 5775 MHz	32 GHz - 40 GHz -30.75 dBc ≤ -20 dBc Pass

IEEE 802.11(a), 20 MHz, 5725 MHz - 5850 MHz Band, 6 Mbps, Low Channel 149, 5745 MHz

Frequency
Range

Value

Limit

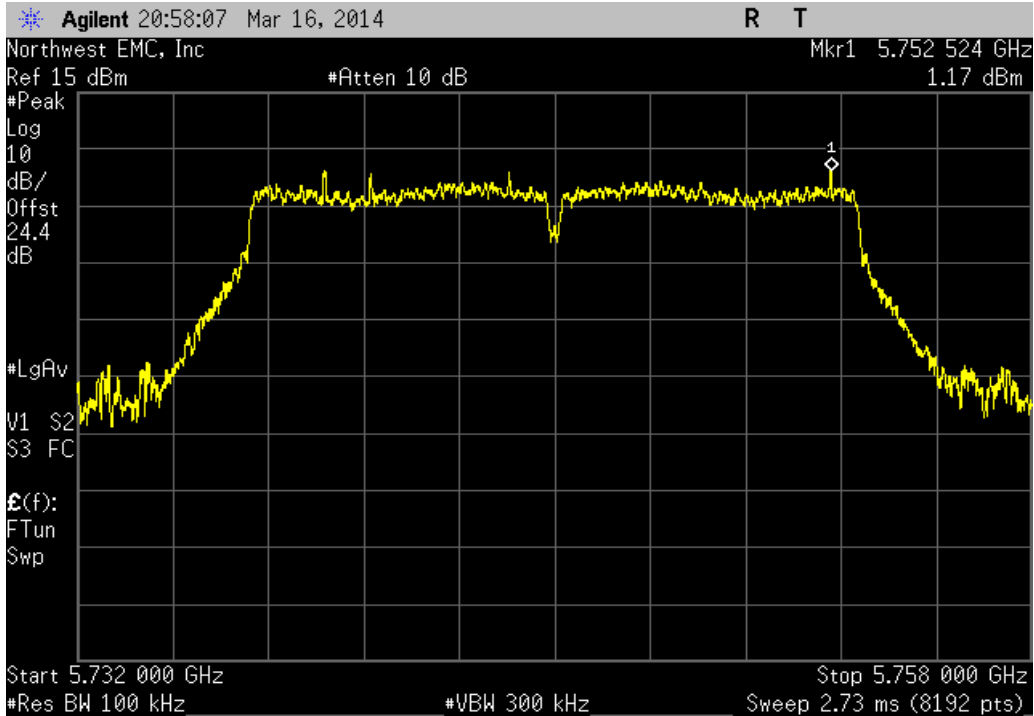
Result

Fundamental

N/A

N/A

N/A



IEEE 802.11(a), 20 MHz, 5725 MHz - 5850 MHz Band, 6 Mbps, Low Channel 149, 5745 MHz

Frequency
Range

Value

Limit

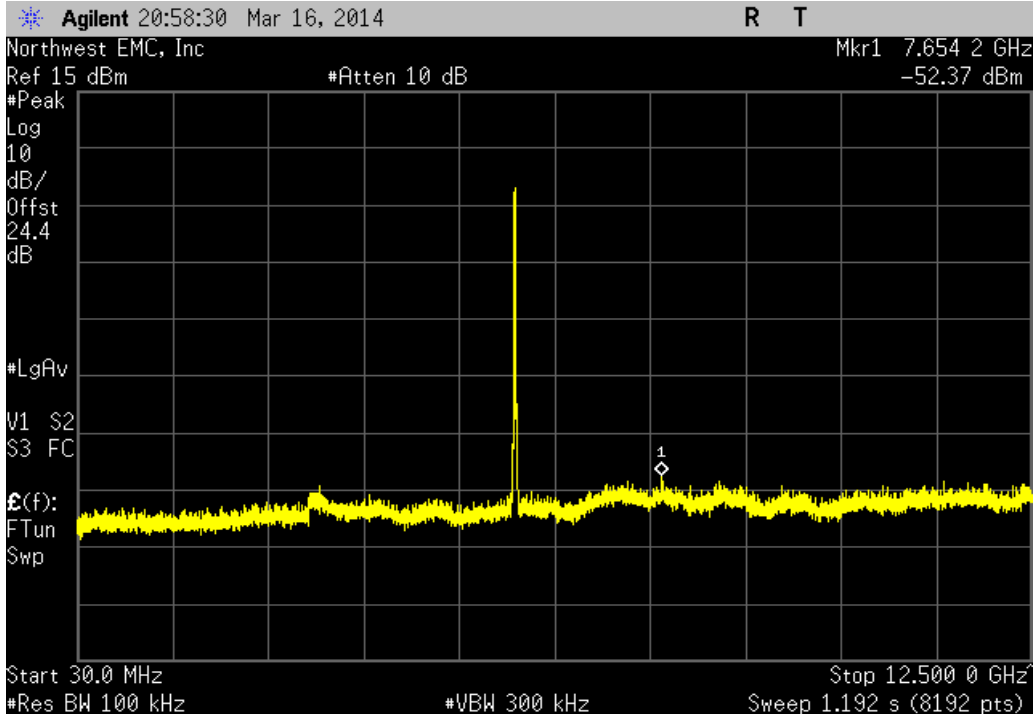
Result

30 MHz - 12.5 GHz

-53.54 dBc

≤ -20 dBc

Pass



IEEE 802.11(a), 20 MHz, 5725 MHz - 5850 MHz Band, 6 Mbps, Low Channel 149, 5745 MHz

Frequency

Range

Value

Limit

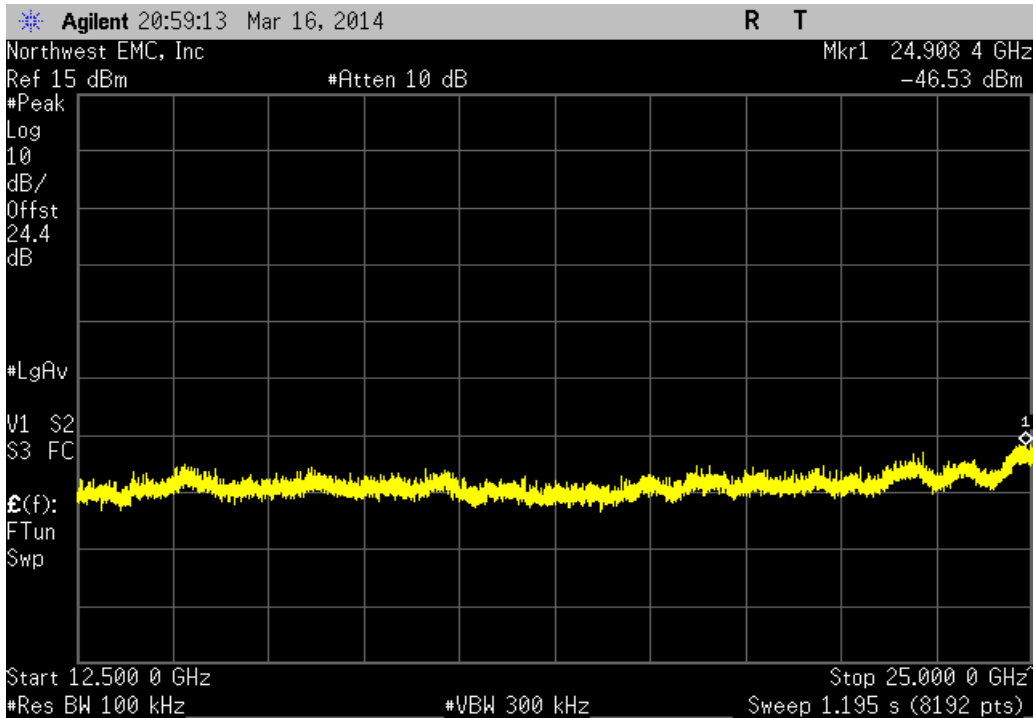
Result

12.5 GHz - 25 GHz

-47.7 dBc

≤ -20 dBc

Pass



IEEE 802.11(a), 20 MHz, 5725 MHz - 5850 MHz Band, 6 Mbps, Low Channel 149, 5745 MHz

Frequency

Range

Value

Limit

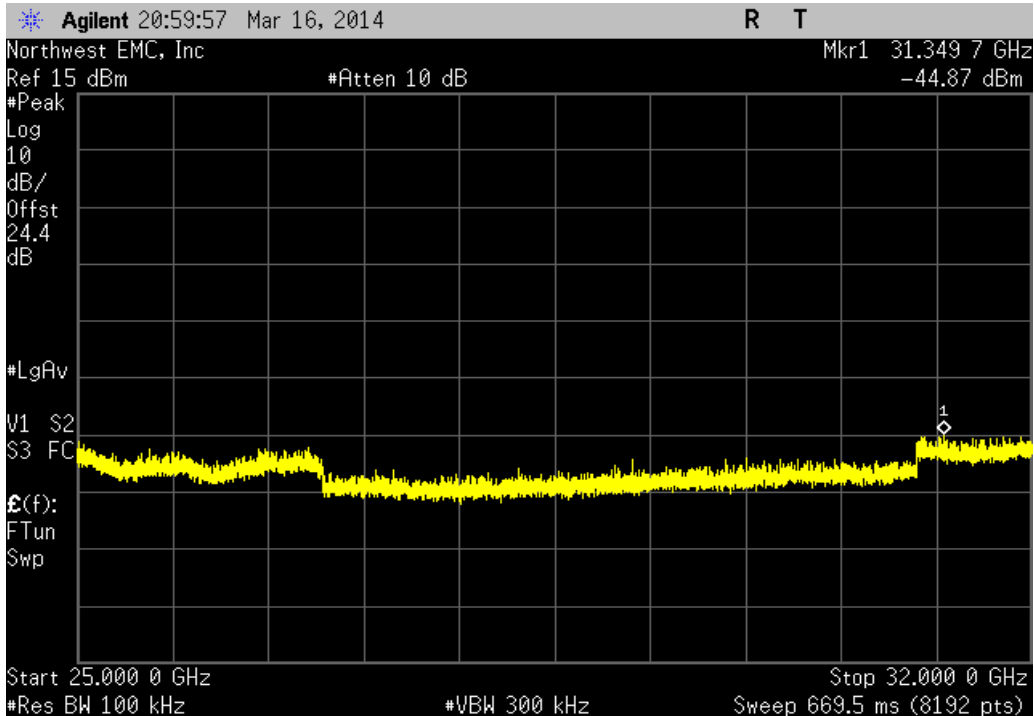
Result

25 GHz - 32 GHz

-46.04 dBc

≤ -20 dBc

Pass



IEEE 802.11(a), 20 MHz, 5725 MHz - 5850 MHz Band, 6 Mbps, Low Channel 149, 5745 MHz

Frequency

Range

Value

Limit

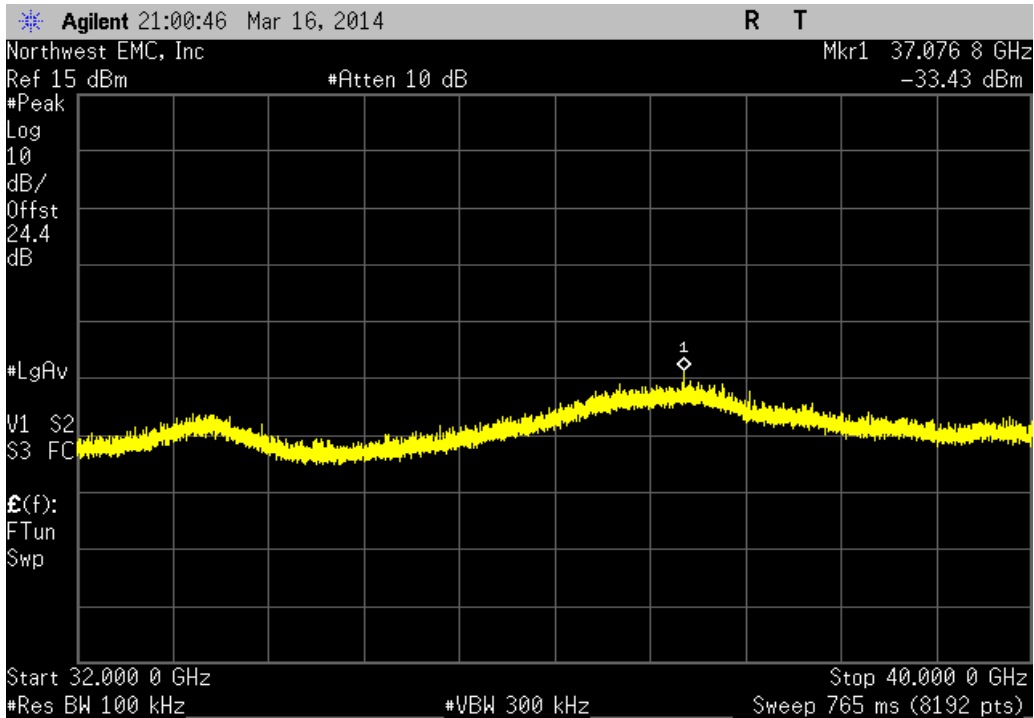
Result

32 GHz - 40 GHz

-34.6 dBc

≤ -20 dBc

Pass



IEEE 802.11(a), 20 MHz, 5725 MHz - 5850 MHz Band, 6 Mbps, Mid Channel 157, 5785 MHz

Frequency

Range

Value

Limit

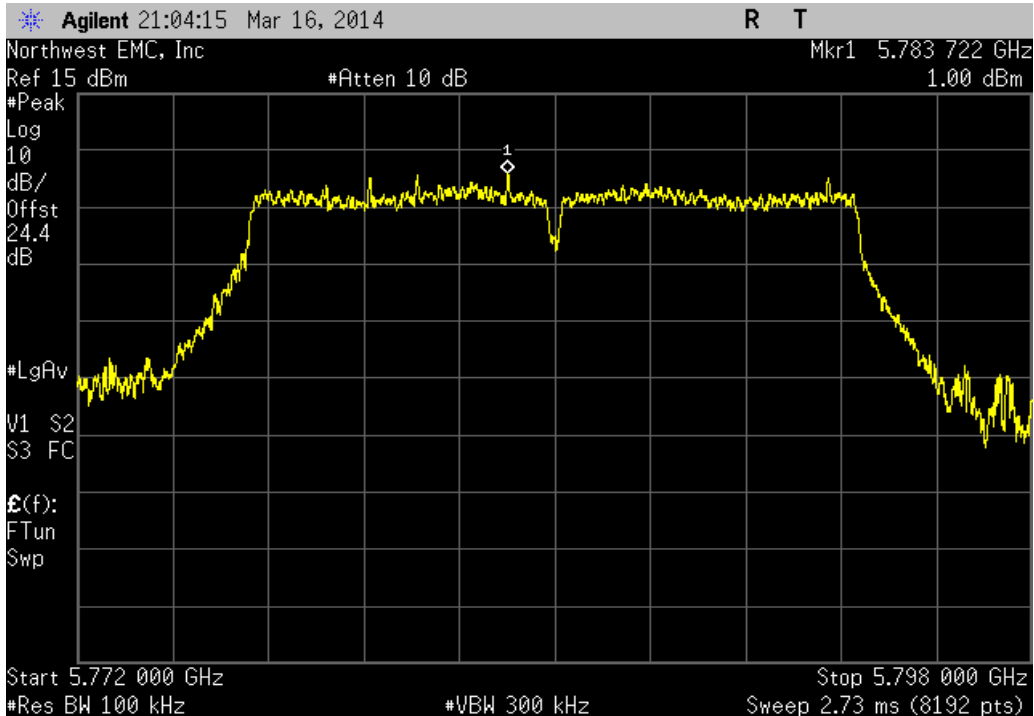
Result

Fundamental

N/A

N/A

N/A



IEEE 802.11(a), 20 MHz, 5725 MHz - 5850 MHz Band, 6 Mbps, Mid Channel 157, 5785 MHz

**Frequency
Range**

Value

Limit

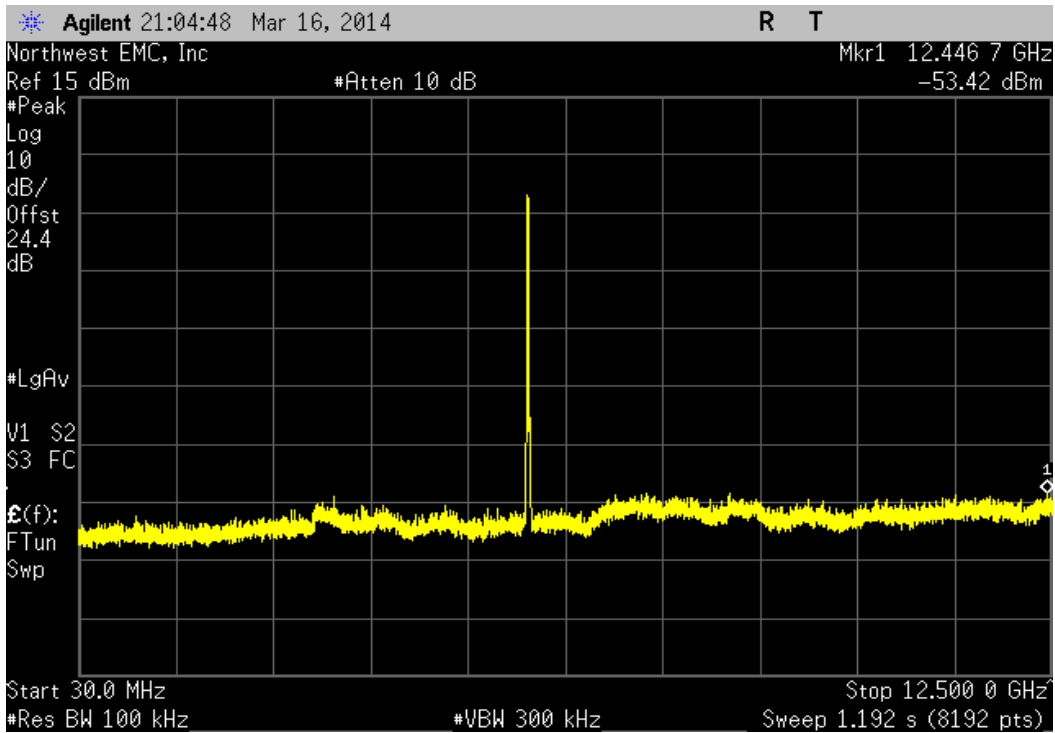
Result

30 MHz - 12.5 GHz

-54.42 dBc

≤ -20 dBc

Pass



IEEE 802.11(a), 20 MHz, 5725 MHz - 5850 MHz Band, 6 Mbps, Mid Channel 157, 5785 MHz

**Frequency
Range**

Value

Limit

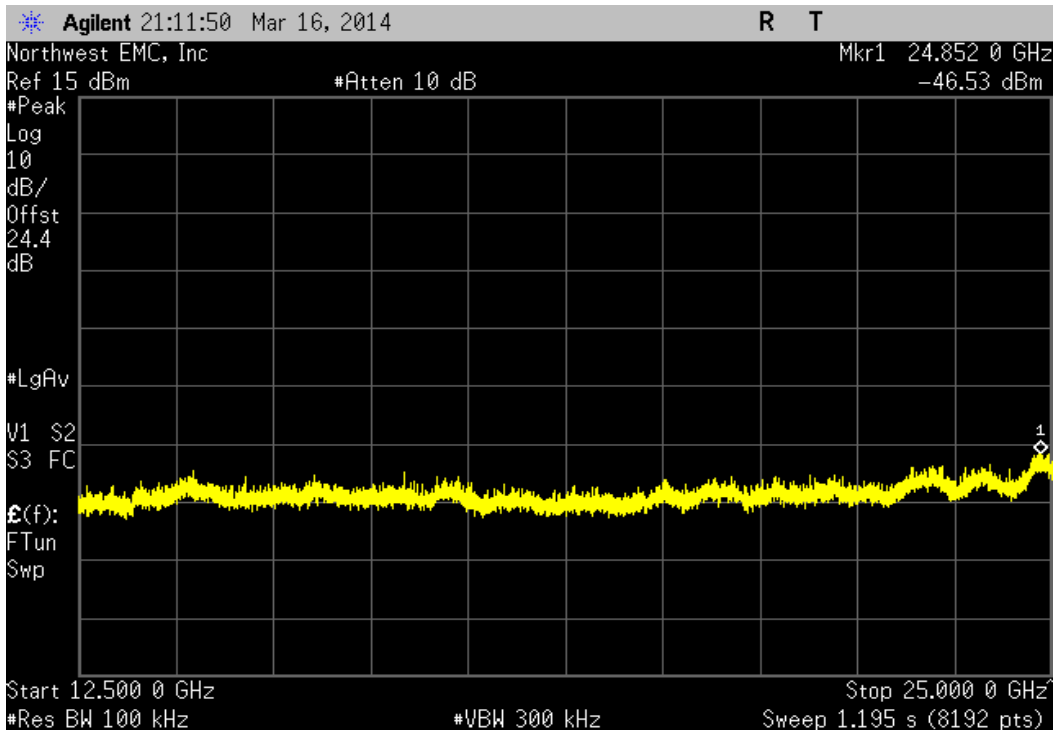
Result

12.5 GHz - 25 GHz

-47.53 dBc

≤ -20 dBc

Pass



IEEE 802.11(a), 20 MHz, 5725 MHz - 5850 MHz Band, 6 Mbps, Mid Channel 157, 5785 MHz

Frequency

Range

Value

Limit

Result

25 GHz - 32 GHz

-45.83 dBc

≤ -20 dBc

Pass

Agilent 21:12:16 Mar 16, 2014

R T

Northwest EMC, Inc

Mkr1 31.335 1 GHz

Ref 15 dBm

#Atten 10 dB

-44.83 dBm

#Peak

Log

10

dB/

Offst

24.4

dB

#LgRv

V1 S2

S3 FC

£(f):

FTun

Swp

Start 25.000 0 GHz

Stop 32.000 0 GHz

#Res BW 100 kHz

#VBW 300 kHz

Sweep 669.5 ms (8192 pts)

IEEE 802.11(a), 20 MHz, 5725 MHz - 5850 MHz Band, 6 Mbps, Mid Channel 157, 5785 MHz

Frequency

Range

Value

Limit

Result

32 GHz - 40 GHz

-35.63 dBc

≤ -20 dBc

Pass

Agilent 21:12:47 Mar 16, 2014

R T

Northwest EMC, Inc

Mkr1 37.127 6 GHz

Ref 15 dBm

#Atten 10 dB

-34.63 dBm

#Peak

Log

10

dB/

Offst

24.4

dB

#LgRv

V1 S2

S3 FC

£(f):

FTun

Swp

Start 32.000 0 GHz

Stop 40.000 0 GHz

#Res BW 100 kHz

#VBW 300 kHz

Sweep 765 ms (8192 pts)

IEEE 802.11(a), 20 MHz, 5725 MHz - 5850 MHz Band, 6 Mbps, High Channel 165, 5825 MHz

Frequency
Range

Value

Limit

Result

Fundamental

N/A

N/A

N/A

Agilent 21:14:10 Mar 16, 2014

R T

Northwest EMC, Inc

Mkr1 5.817 472 GHz

Ref 15 dBm

#Atten 10 dB

1.28 dBm

#Peak

Log

10

dB/

Offst

24.4

dB

#LgRv

V1 S2

S3 FC

£(f):

FTun

Swp

Start 5.812 000 GHz

Stop 5.838 000 GHz

#Res BW 100 kHz

#VBW 300 kHz

Sweep 2.73 ms (8192 pts)

IEEE 802.11(a), 20 MHz, 5725 MHz - 5850 MHz Band, 6 Mbps, High Channel 165, 5825 MHz

Frequency
Range

Value

Limit

Result

30 MHz - 12.5 GHz

-54.31 dBc

≤ -20 dBc

Pass

Agilent 21:14:34 Mar 16, 2014

R T

Northwest EMC, Inc

Mkr1 8.502 2 GHz

Ref 15 dBm

#Atten 10 dB

-53.03 dBm

#Peak

Log

10

dB/

Offst

24.4

dB

#LgRv

V1 S2

S3 FC

£(f):

FTun

Swp

Start 30.0 MHz

Stop 12.500 0 GHz

#Res BW 100 kHz

#VBW 300 kHz

Sweep 1.192 s (8192 pts)

IEEE 802.11(a), 20 MHz, 5725 MHz - 5850 MHz Band, 6 Mbps, High Channel 165, 5825 MHz

Frequency

Range

Value

Limit

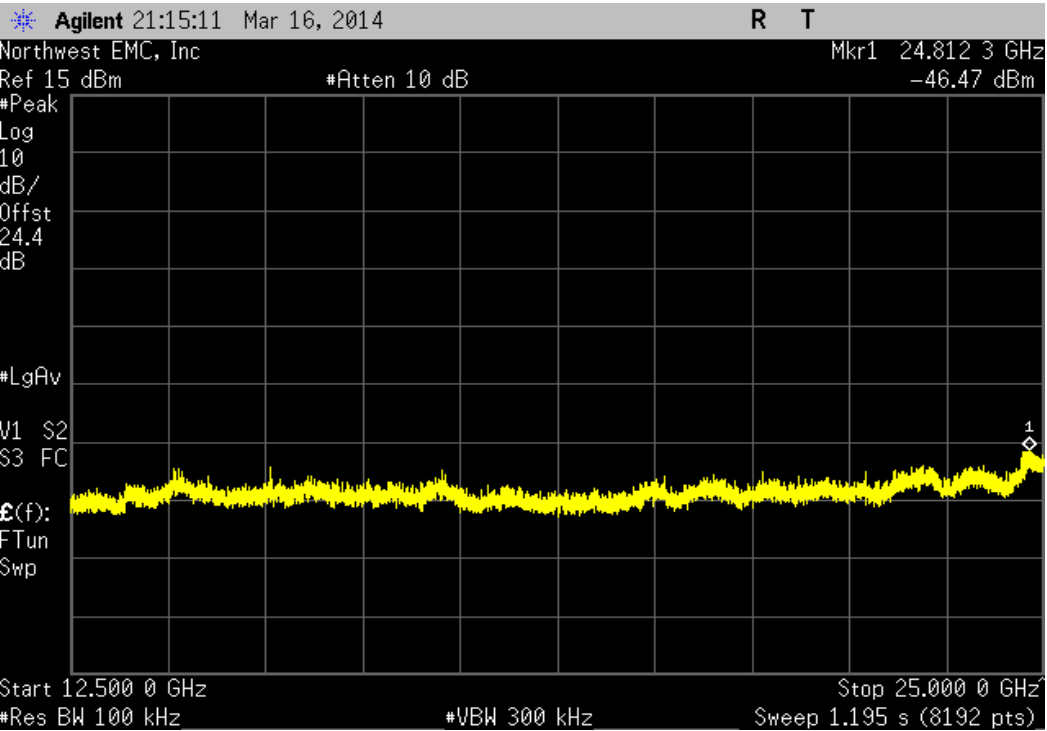
Result

12.5 GHz - 25 GHz

-47.75 dBc

≤ -20 dBc

Pass



IEEE 802.11(a), 20 MHz, 5725 MHz - 5850 MHz Band, 6 Mbps, High Channel 165, 5825 MHz

Frequency

Range

Value

Limit

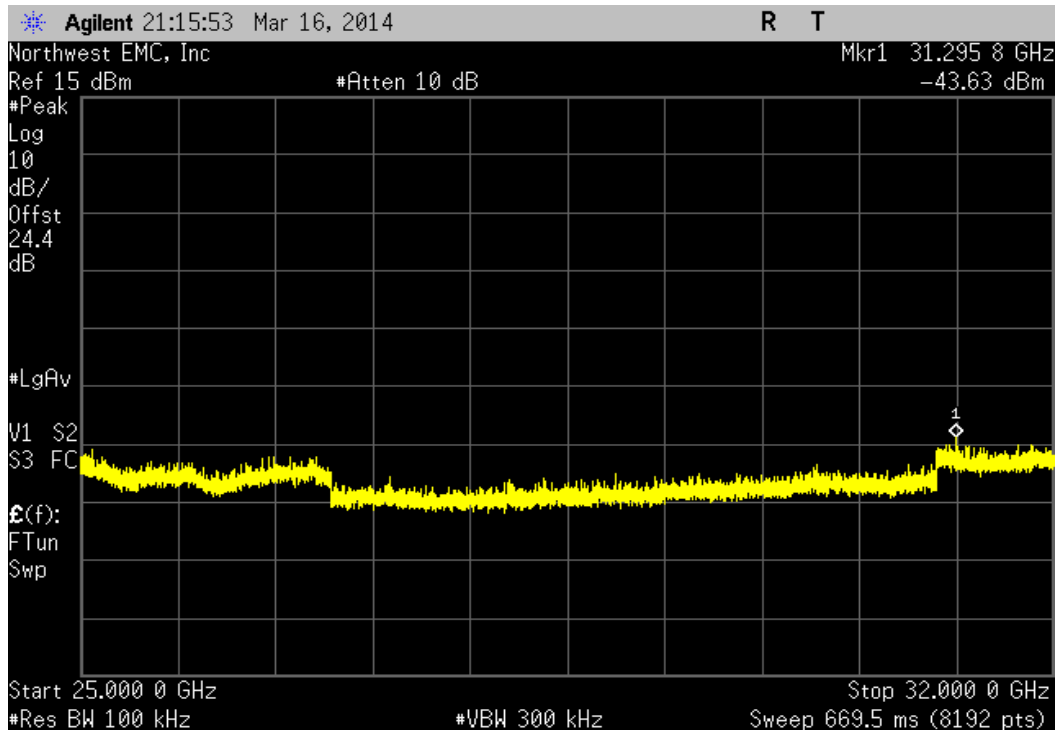
Result

25 GHz - 32 GHz

-44.91 dBc

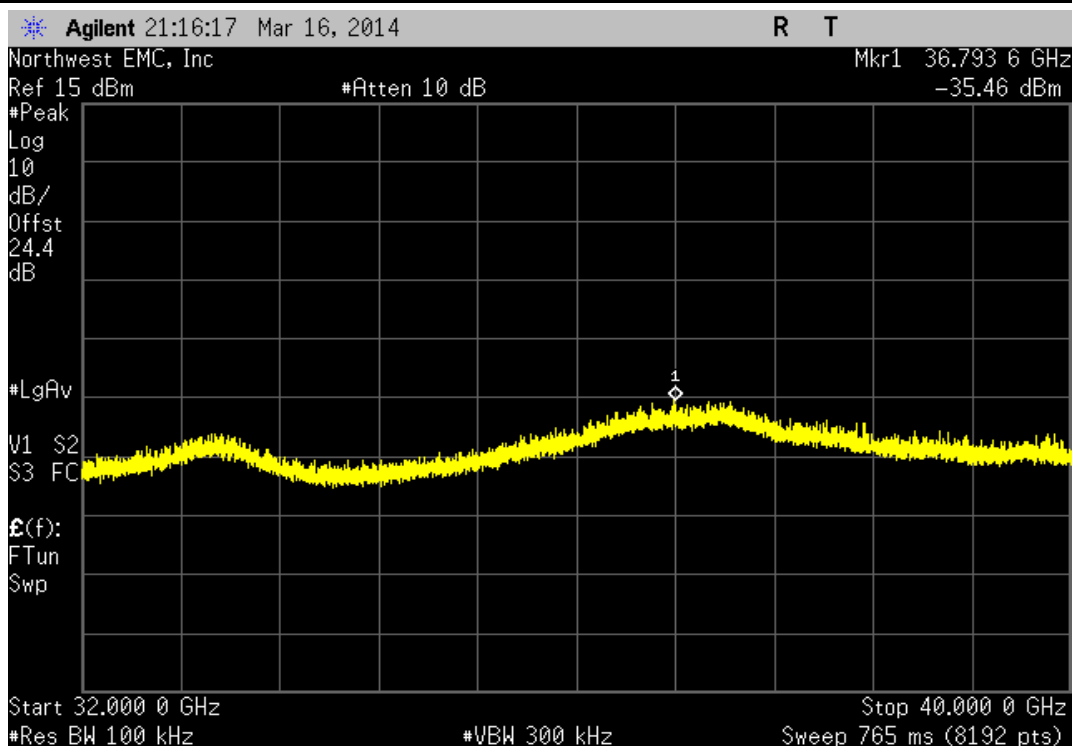
≤ -20 dBc

Pass



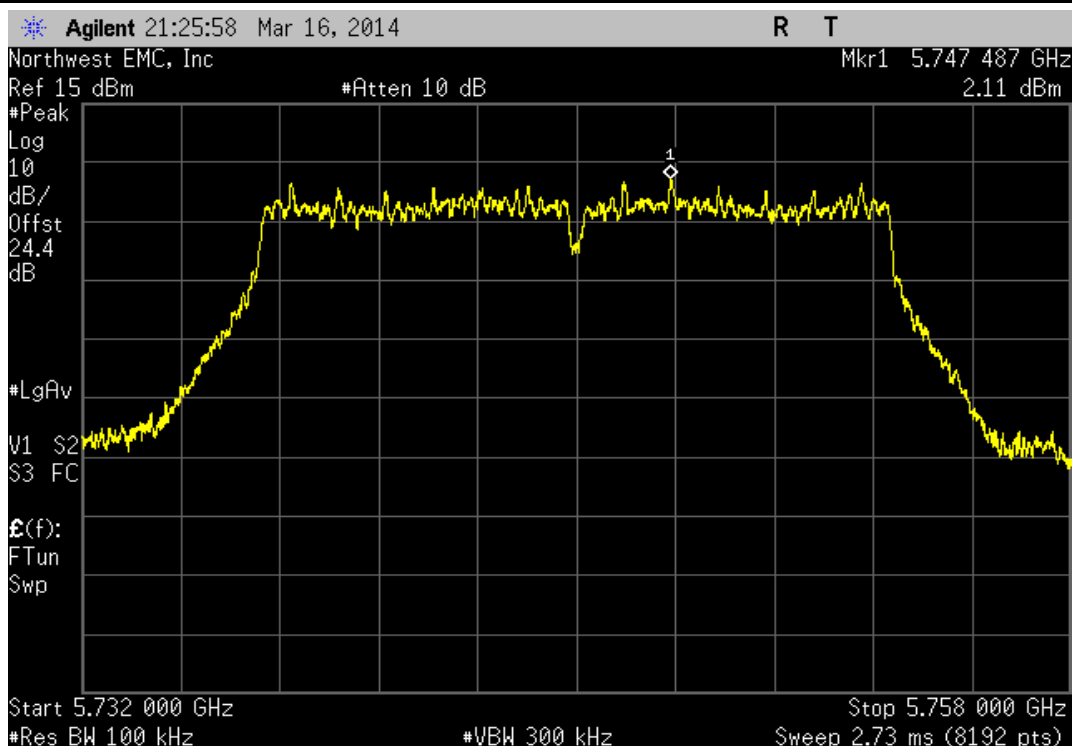
IEEE 802.11(a), 20 MHz, 5725 MHz - 5850 MHz Band, 6 Mbps, High Channel 165, 5825 MHz

Frequency Range	Value	Limit	Result
32 GHz - 40 GHz	-36.74 dBc	≤ -20 dBc	Pass



IEEE 802.11(a), 20 MHz, 5725 MHz - 5850 MHz Band, 36 Mbps, Low Channel 149, 5745 MHz

Frequency Range	Value	Limit	Result
Fundamental	N/A	N/A	N/A



IEEE 802.11(a), 20 MHz, 5725 MHz - 5850 MHz Band, 36 Mbps, Low Channel 149, 5745 MHz

Frequency

Value

Limit

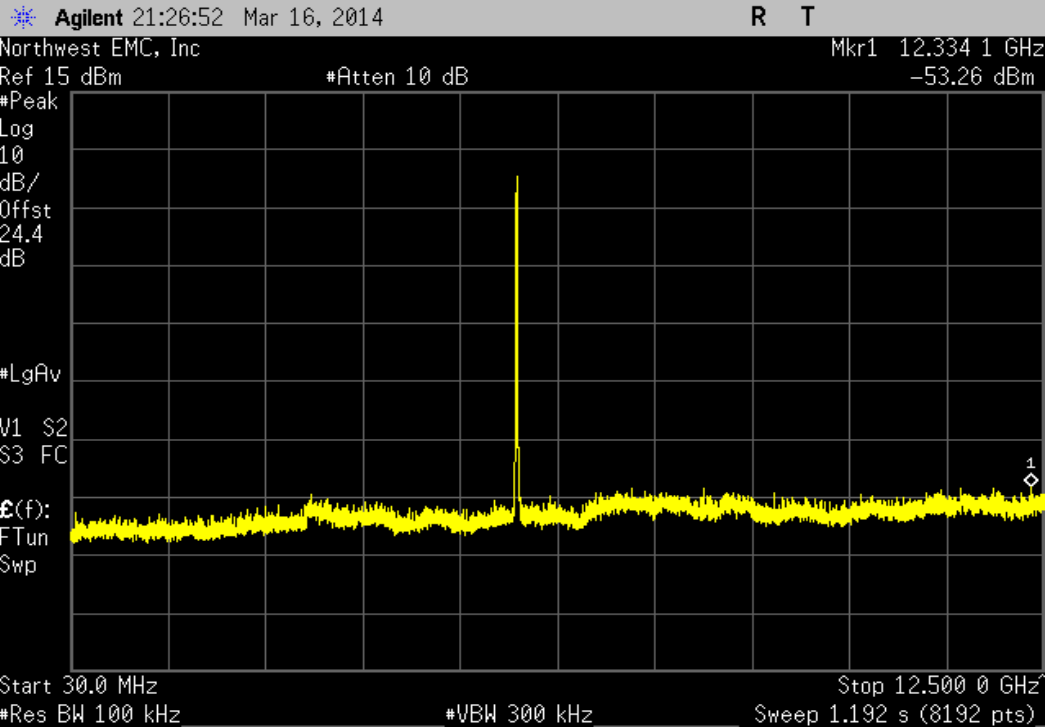
Result

30 MHz - 12.5 GHz

-55.37 dBc

≤ -20 dBc

Pass



IEEE 802.11(a), 20 MHz, 5725 MHz - 5850 MHz Band, 36 Mbps, Low Channel 149, 5745 MHz

Frequency

Value

Limit

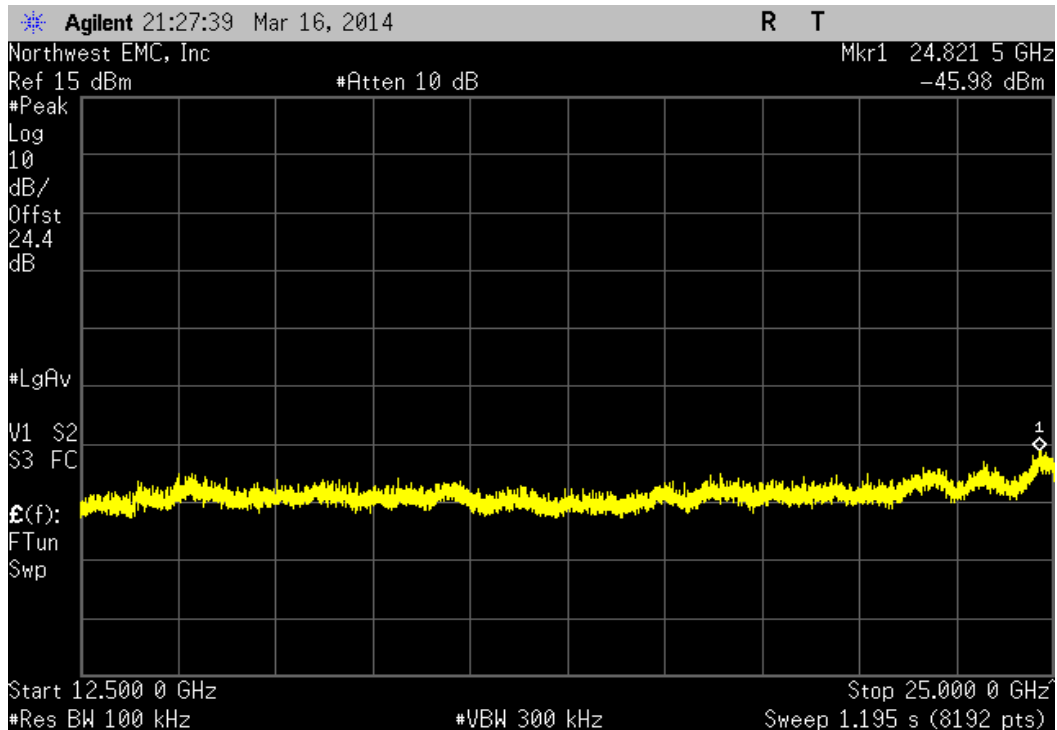
Result

12.5 GHz - 25 GHz

-48.09 dBc

≤ -20 dBc

Pass



IEEE 802.11(a), 20 MHz, 5725 MHz - 5850 MHz Band, 36 Mbps, Low Channel 149, 5745 MHz

Frequency

Range

Value

Limit

Result

25 GHz - 32 GHz

-47.35 dBc

≤ -20 dBc

Pass

Agilent 21:28:08 Mar 16, 2014

R T

Northwest EMC, Inc

Mkr1 31.724 8 GHz

Ref 15 dBm

#Atten 10 dB

-45.24 dBm

#Peak

Log

10

dB/

Offst

24.4

dB

#LgRv

V1 S2

S3 FC

Ⓔ(f):

FTun

Swp

Start 25.000 0 GHz

Stop 32.000 0 GHz

#Res BW 100 kHz

#VBW 300 kHz

Sweep 669.5 ms (8192 pts)

IEEE 802.11(a), 20 MHz, 5725 MHz - 5850 MHz Band, 36 Mbps, Low Channel 149, 5745 MHz

Frequency

Range

Value

Limit

Result

32 GHz - 40 GHz

-37.6 dBc

≤ -20 dBc

Pass

Agilent 21:28:47 Mar 16, 2014

R T

Northwest EMC, Inc

Mkr1 36.967 4 GHz

Ref 15 dBm

#Atten 10 dB

-35.49 dBm

#Peak

Log

10

dB/

Offst

24.4

dB

#LgRv

V1 S2

S3 FC

Ⓔ(f):

FTun

Swp

Start 32.000 0 GHz

Stop 40.000 0 GHz

#Res BW 100 kHz

#VBW 300 kHz

Sweep 765 ms (8192 pts)

IEEE 802.11(a), 20 MHz, 5725 MHz - 5850 MHz Band, 36 Mbps, Mid Channel 157, 5785 MHz

Frequency
Range

Value

Limit

Result

Fundamental

N/A

N/A

N/A

Agilent 21:31:17 Mar 16, 2014

R T

Northwest EMC, Inc

Mkr1 5.777 507 GHz

Ref 15 dBm

#Atten 10 dB

1.22 dBm

#Peak

Log

10

dB/

Offst

24.4

dB

#LgRv

V1 S2

S3 FC

E(f):

FTun

Swp

Start 5.772 000 GHz

Stop 5.798 000 GHz

#Res BW 100 kHz

#VBW 300 kHz

Sweep 2.73 ms (8192 pts)

IEEE 802.11(a), 20 MHz, 5725 MHz - 5850 MHz Band, 36 Mbps, Mid Channel 157, 5785 MHz

Frequency
Range

Value

Limit

Result

30 MHz - 12.5 GHz

-53.95 dBc

≤ -20 dBc

Pass

Agilent 21:32:00 Mar 16, 2014

R T

Northwest EMC, Inc

Mkr1 11.556 1 GHz

Ref 15 dBm

#Atten 10 dB

-52.73 dBm

#Peak

Log

10

dB/

Offst

24.4

dB

#LgRv

V1 S2

S3 FC

E(f):

FTun

Swp

Start 30.0 MHz

Stop 12.500 0 GHz

#Res BW 100 kHz

#VBW 300 kHz

Sweep 1.192 s (8192 pts)

IEEE 802.11(a), 20 MHz, 5725 MHz - 5850 MHz Band, 36 Mbps, Mid Channel 157, 5785 MHz

Frequency

Range

Value

Limit

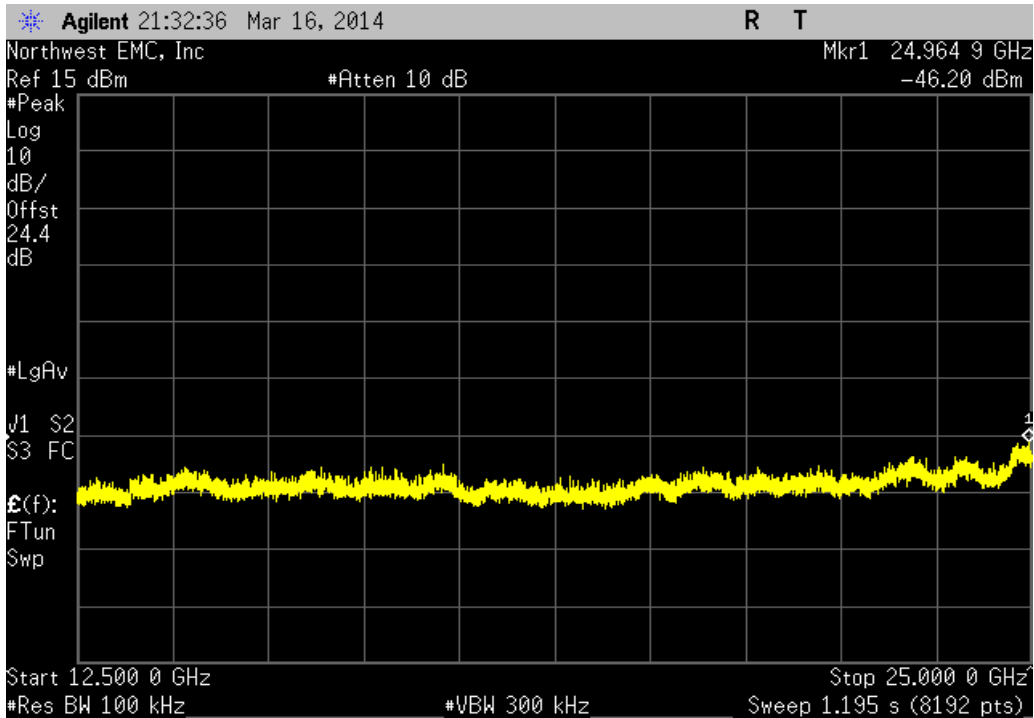
Result

12.5 GHz - 25 GHz

-47.42 dBc

≤ -20 dBc

Pass



IEEE 802.11(a), 20 MHz, 5725 MHz - 5850 MHz Band, 36 Mbps, Mid Channel 157, 5785 MHz

Frequency

Range

Value

Limit

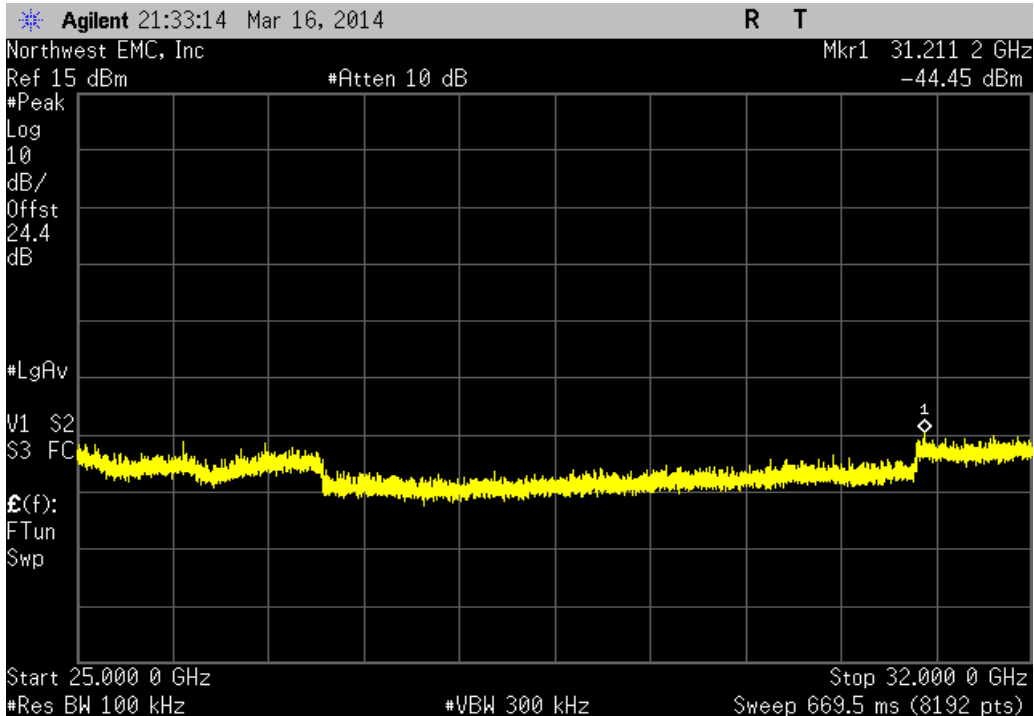
Result

25 GHz - 32 GHz

-45.67 dBc

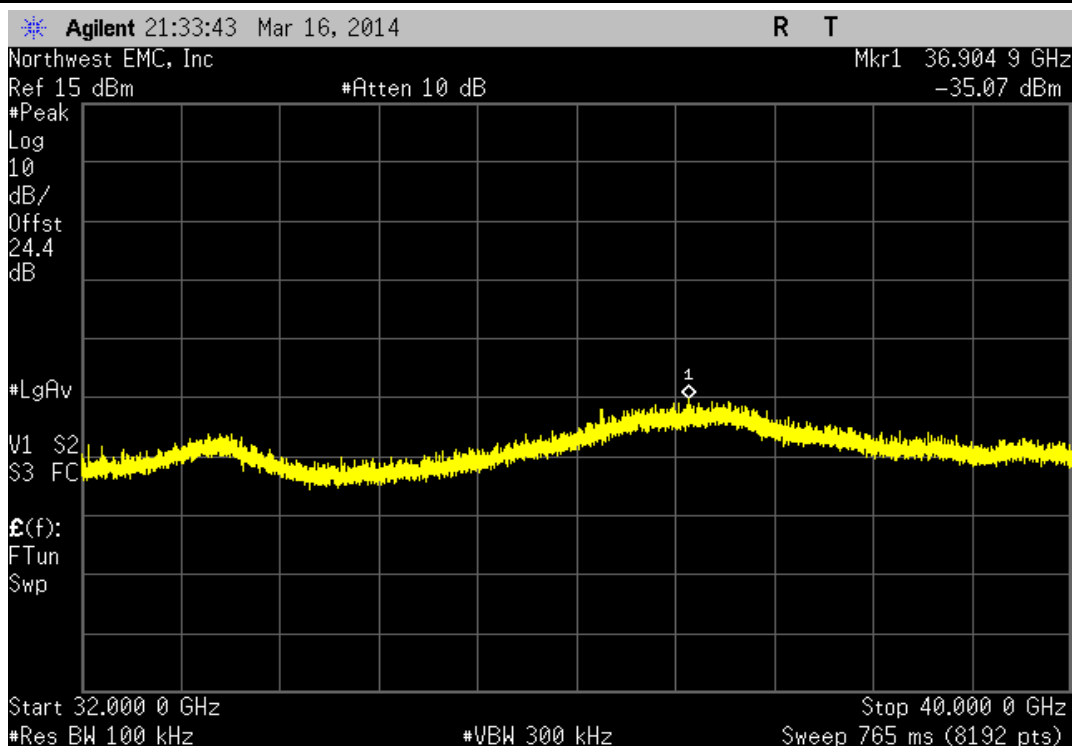
≤ -20 dBc

Pass



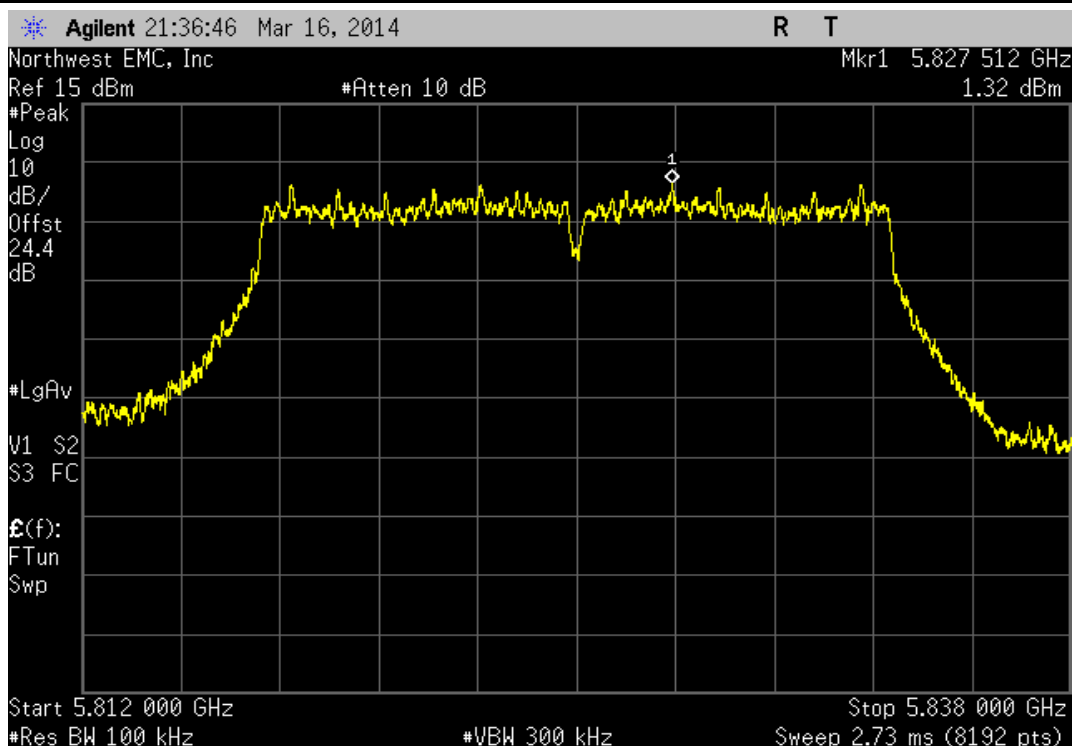
IEEE 802.11(a), 20 MHz, 5725 MHz - 5850 MHz Band, 36 Mbps, Mid Channel 157, 5785 MHz

Frequency Range	Value	Limit	Result
32 GHz - 40 GHz	-36.29 dBc	≤ -20 dBc	Pass



IEEE 802.11(a), 20 MHz, 5725 MHz - 5850 MHz Band, 36 Mbps, High Channel 165, 5825 MHz

Frequency Range	Value	Limit	Result
Fundamental	N/A	N/A	N/A



IEEE 802.11(a), 20 MHz, 5725 MHz - 5850 MHz Band, 36 Mbps, High Channel 165, 5825 MHz

Frequency

Range

Value

Limit

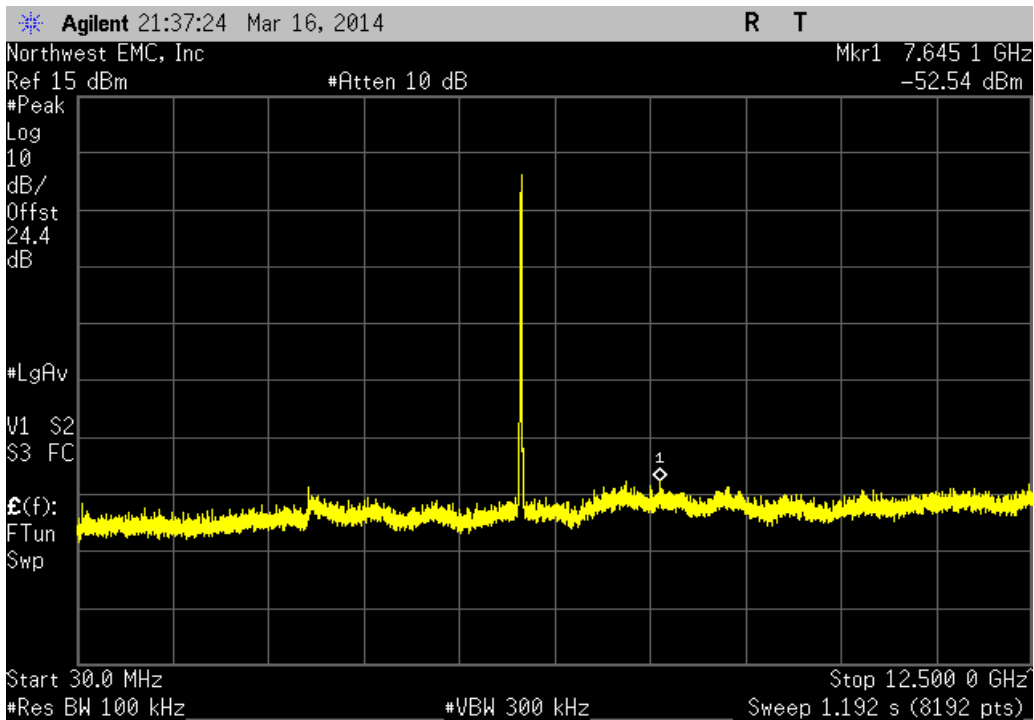
Result

30 MHz - 12.5 GHz

-53.86 dBc

≤ -20 dBc

Pass



IEEE 802.11(a), 20 MHz, 5725 MHz - 5850 MHz Band, 36 Mbps, High Channel 165, 5825 MHz

Frequency

Range

Value

Limit

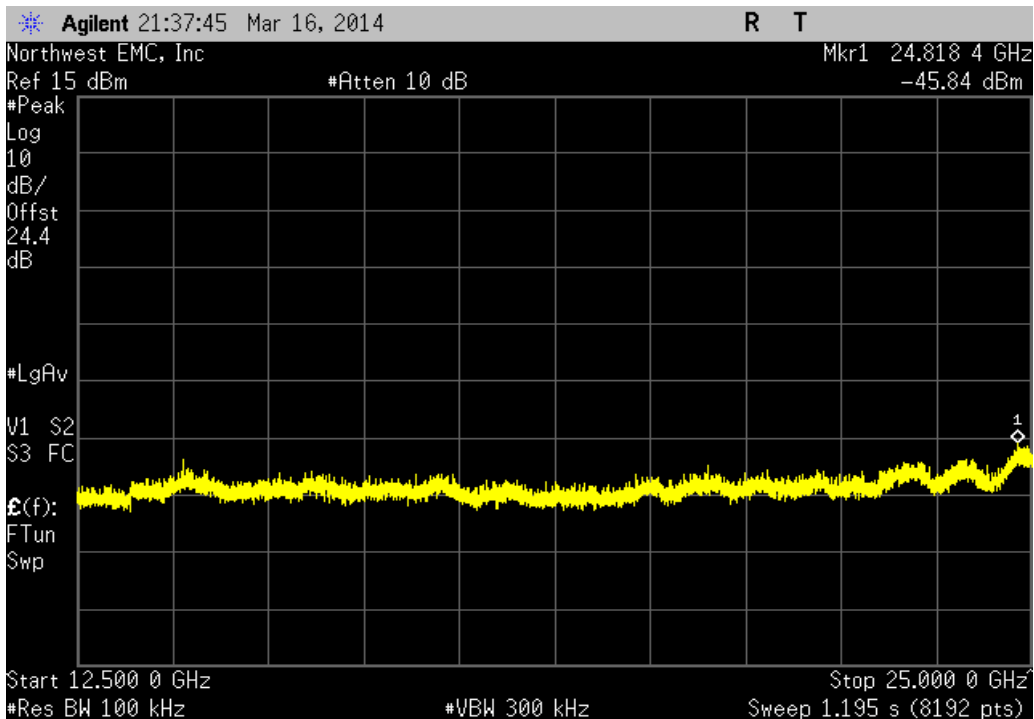
Result

12.5 GHz - 25 GHz

-47.16 dBc

≤ -20 dBc

Pass



IEEE 802.11(a), 20 MHz, 5725 MHz - 5850 MHz Band, 36 Mbps, High Channel 165, 5825 MHz

Frequency

Range

Value

Limit

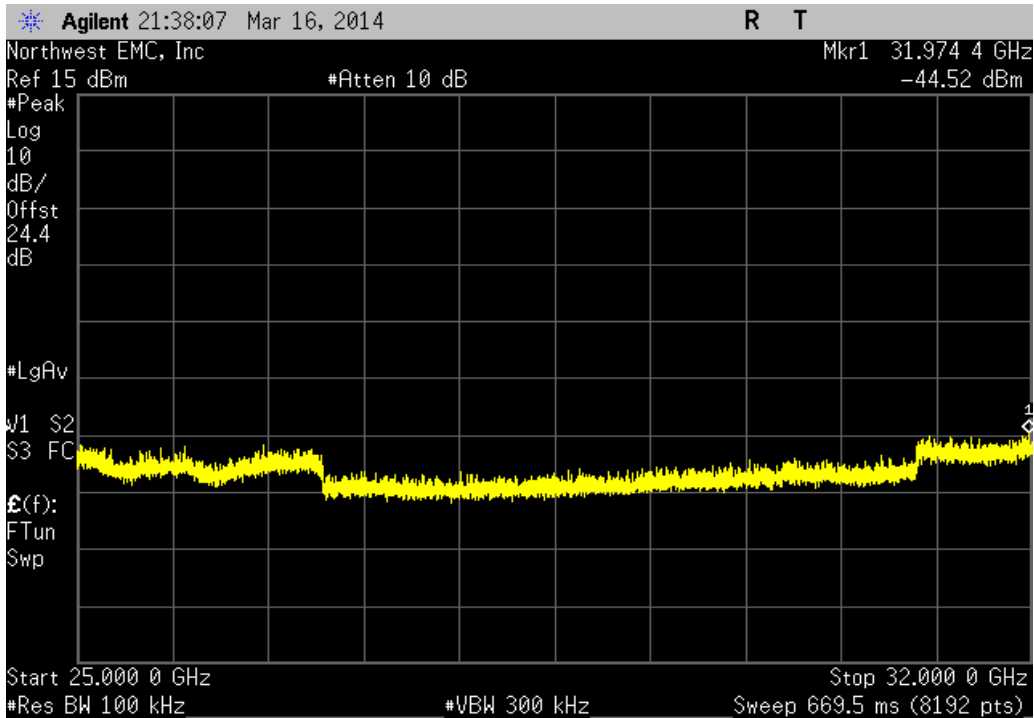
Result

25 GHz - 32 GHz

-45.84 dBc

≤ -20 dBc

Pass



IEEE 802.11(a), 20 MHz, 5725 MHz - 5850 MHz Band, 36 Mbps, High Channel 165, 5825 MHz

Frequency

Range

Value

Limit

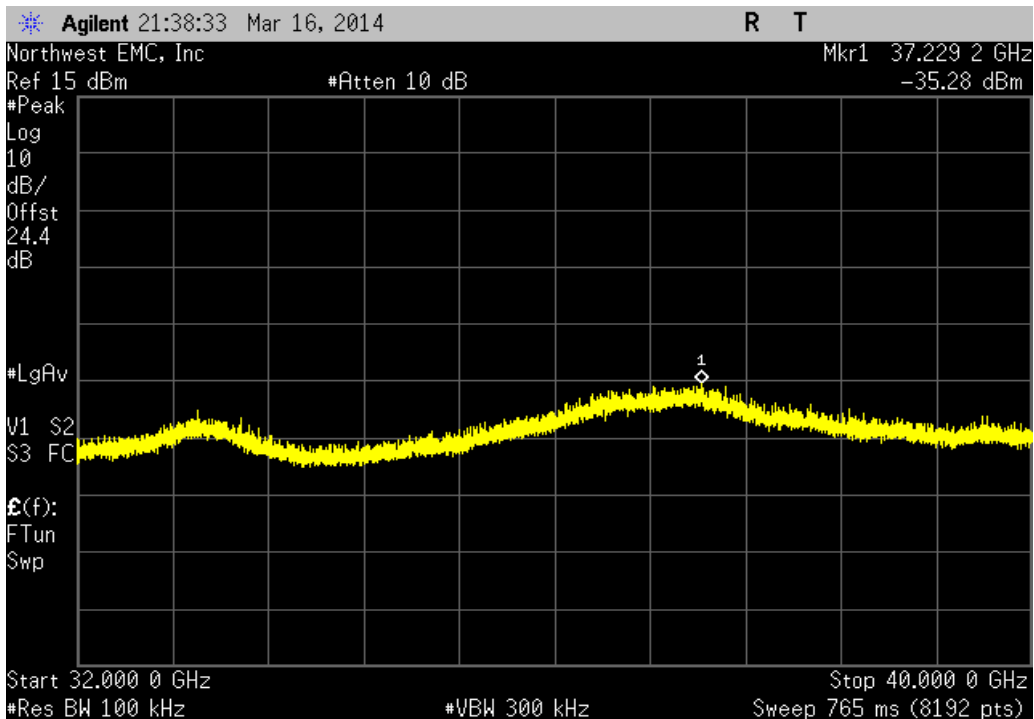
Result

32 GHz - 40 GHz

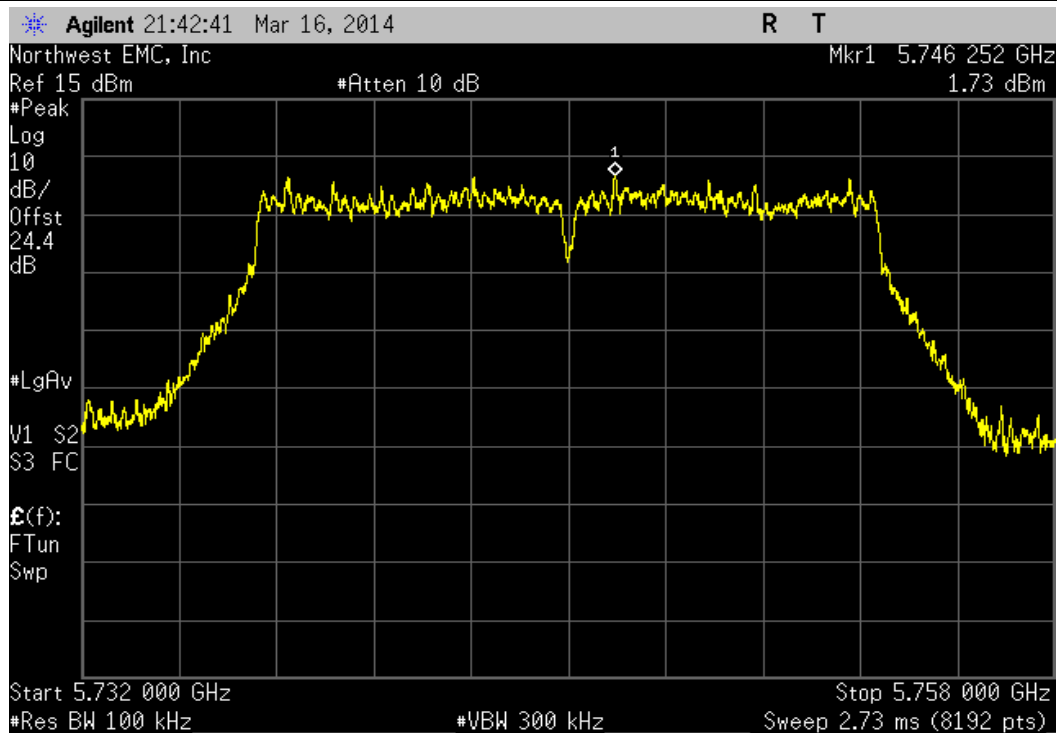
-36.6 dBc

≤ -20 dBc

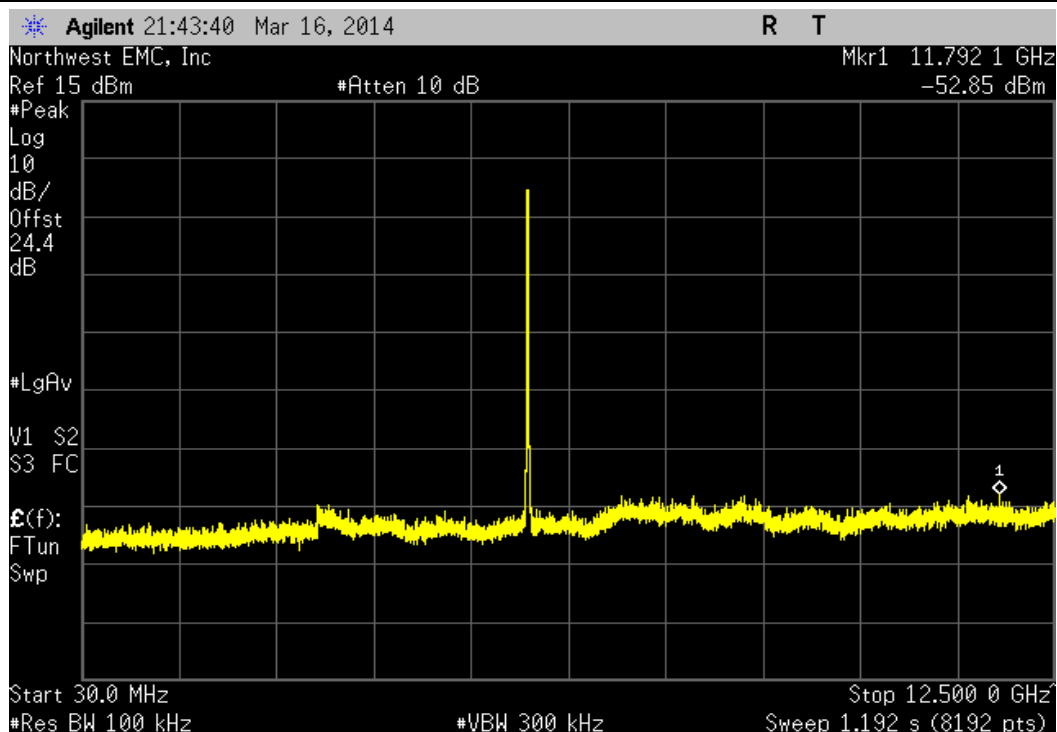
Pass



IEEE 802.11(a), 20 MHz, 5725 MHz - 5850 MHz Band, 54 Mbps, Low Channel 149, 5745 MHz						
Frequency Range				Value	Limit	Result
	Fundamental			N/A	N/A	N/A



IEEE 802.11(a), 20 MHz, 5725 MHz - 5850 MHz Band, 54 Mbps, Low Channel 149, 5745 MHz						
Frequency Range				Value	Limit	Result
	30 MHz - 12.5 GHz			-54.58 dBc	≤ -20 dBc	Pass



IEEE 802.11(a), 20 MHz, 5725 MHz - 5850 MHz Band, 54 Mbps, Low Channel 149, 5745 MHz

Frequency

Range

Value

Limit

Result

12.5 GHz - 25 GHz

-47.06 dBc

≤ -20 dBc

Pass

Agilent 21:44:27 Mar 16, 2014

R T

Northwest EMC, Inc

Mkr1 24.816 9 GHz

Ref 15 dBm

#Atten 10 dB

-45.33 dBm

#Peak

Log

10

dB/

Offst

24.4

dB

#LgRv

V1 S2

S3 FC

£(f):

FTun

Swp

Start 12.500 0 GHz

Stop 25.000 0 GHz

#Res BW 100 kHz

#VBW 300 kHz

Sweep 1.195 s (8192 pts)

IEEE 802.11(a), 20 MHz, 5725 MHz - 5850 MHz Band, 54 Mbps, Low Channel 149, 5745 MHz

Frequency

Range

Value

Limit

Result

25 GHz - 32 GHz

-46.52 dBc

≤ -20 dBc

Pass

Agilent 21:45:02 Mar 16, 2014

R T

Northwest EMC, Inc

Mkr1 31.892 3 GHz

Ref 15 dBm

#Atten 10 dB

-44.78 dBm

#Peak

Log

10

dB/

Offst

24.4

dB

#LgRv

V1 S2

S3 FC

£(f):

FTun

Swp

Start 25.000 0 GHz

Stop 32.000 0 GHz

#Res BW 100 kHz

#VBW 300 kHz

Sweep 669.5 ms (8192 pts)

IEEE 802.11(a), 20 MHz, 5725 MHz - 5850 MHz Band, 54 Mbps, Low Channel 149, 5745 MHz

Frequency

Range

Value

Limit

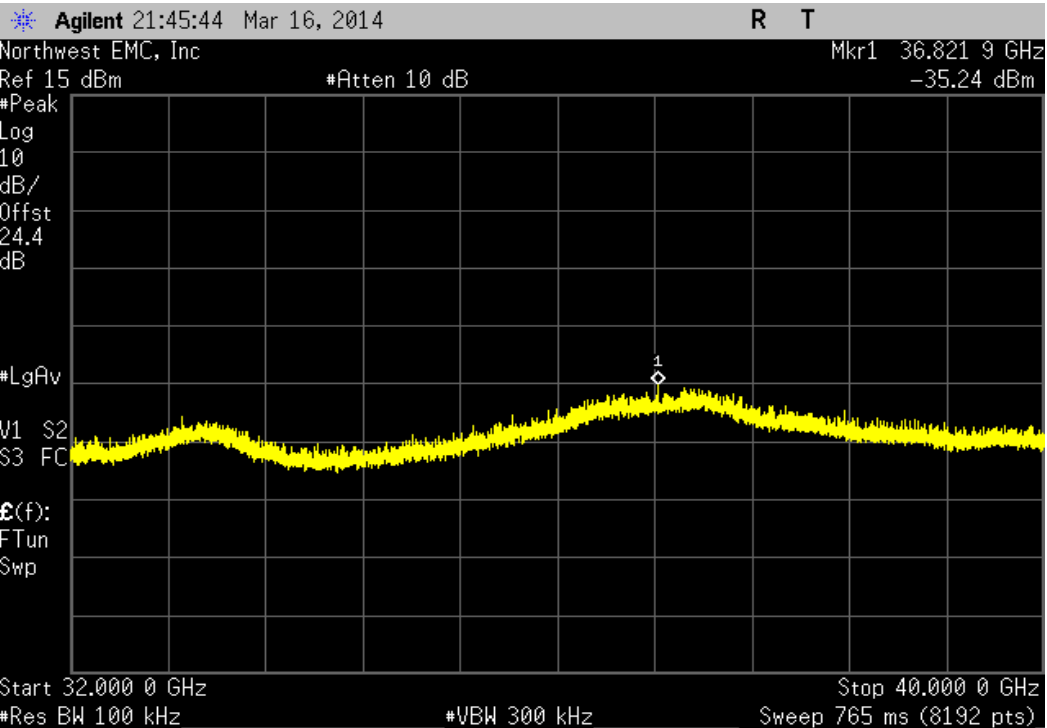
Result

32 GHz - 40 GHz

-36.98 dBc

≤ -20 dBc

Pass



IEEE 802.11(a), 20 MHz, 5725 MHz - 5850 MHz Band, 54 Mbps, Mid Channel 157, 5785 MHz

Frequency

Range

Value

Limit

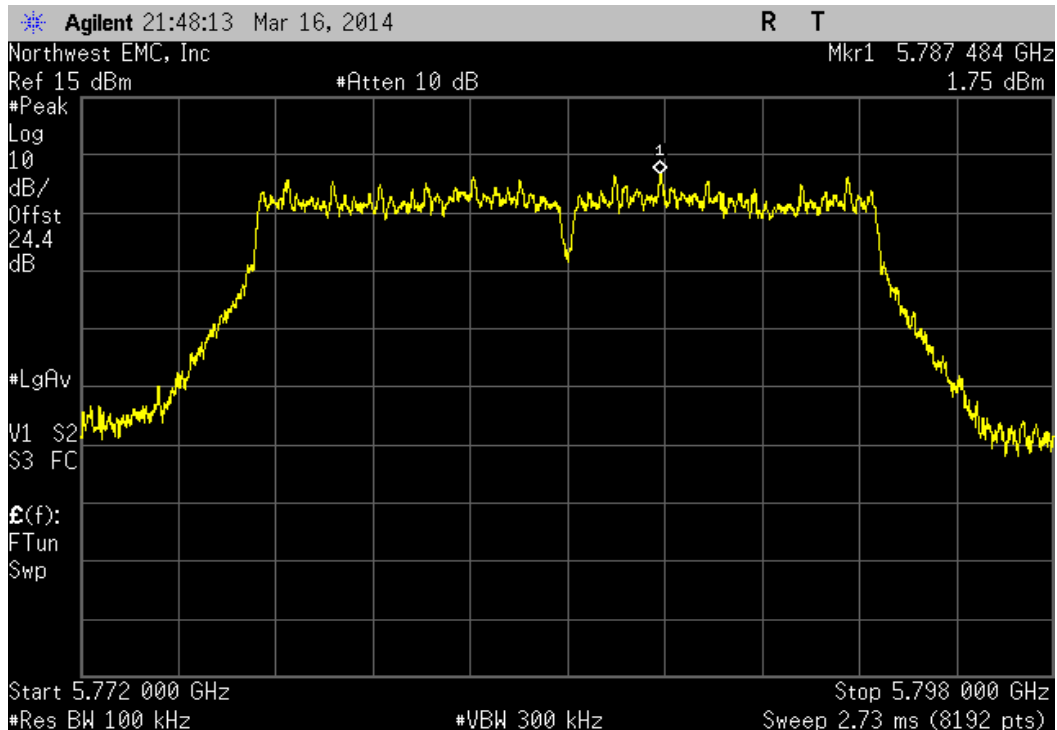
Result

Fundamental

N/A

N/A

N/A



IEEE 802.11(a), 20 MHz, 5725 MHz - 5850 MHz Band, 54 Mbps, Mid Channel 157, 5785 MHz

Frequency

Range

Value

Limit

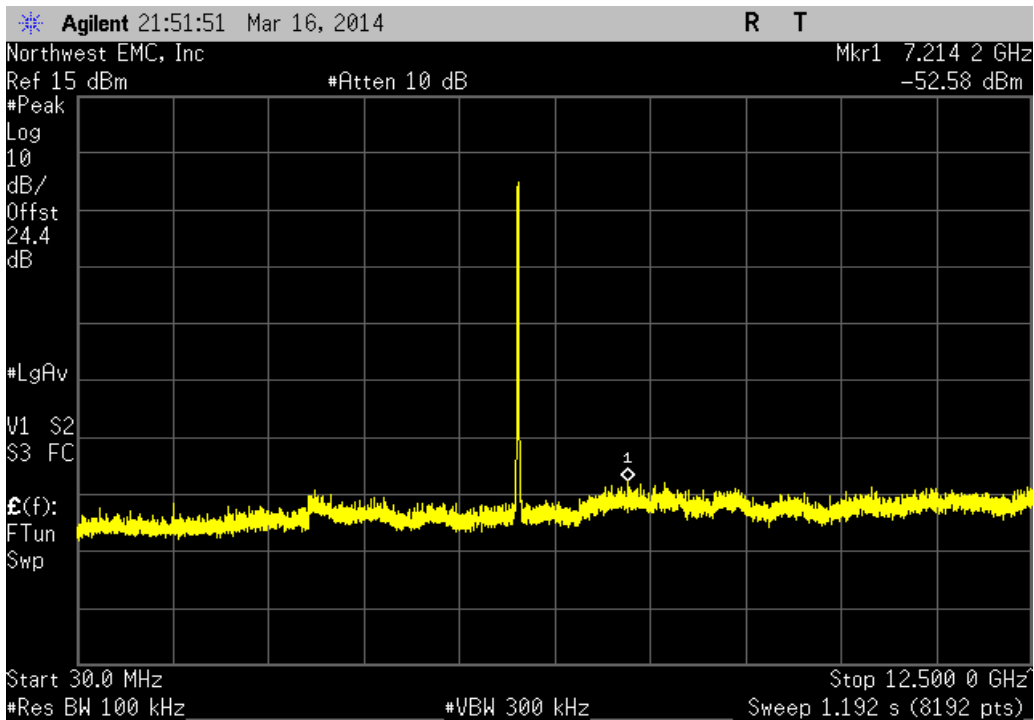
Result

30 MHz - 12.5 GHz

-54.33 dBc

≤ -20 dBc

Pass



IEEE 802.11(a), 20 MHz, 5725 MHz - 5850 MHz Band, 54 Mbps, Mid Channel 157, 5785 MHz

Frequency

Range

Value

Limit

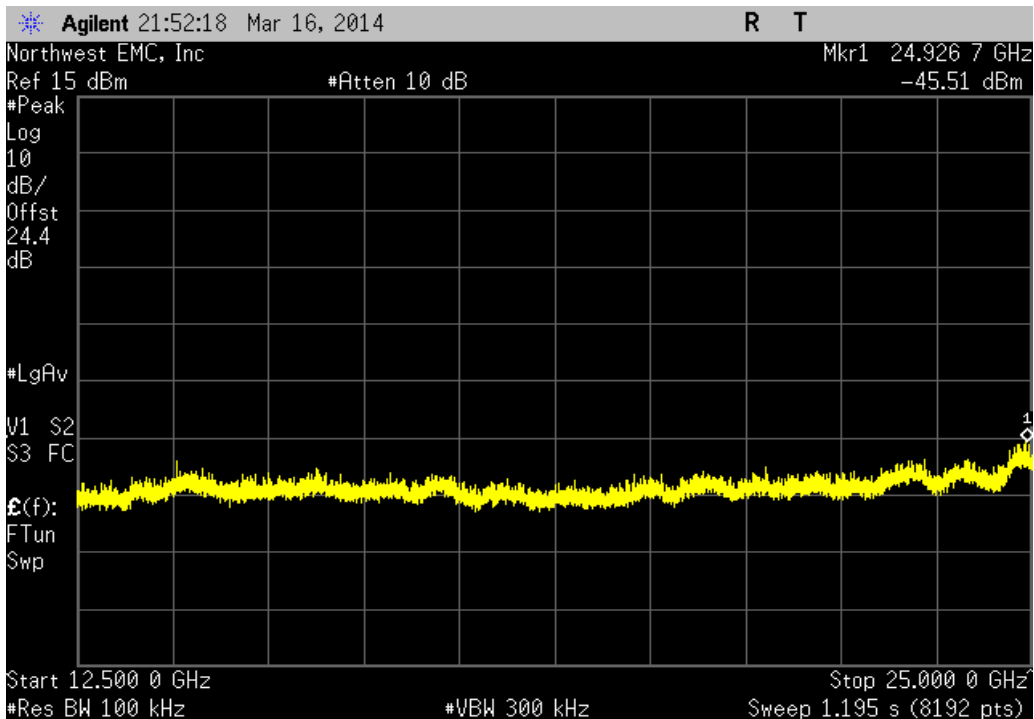
Result

12.5 GHz - 25 GHz

-47.26 dBc

≤ -20 dBc

Pass



IEEE 802.11(a), 20 MHz, 5725 MHz - 5850 MHz Band, 54 Mbps, Mid Channel 157, 5785 MHz

Frequency

Range

Value

Limit

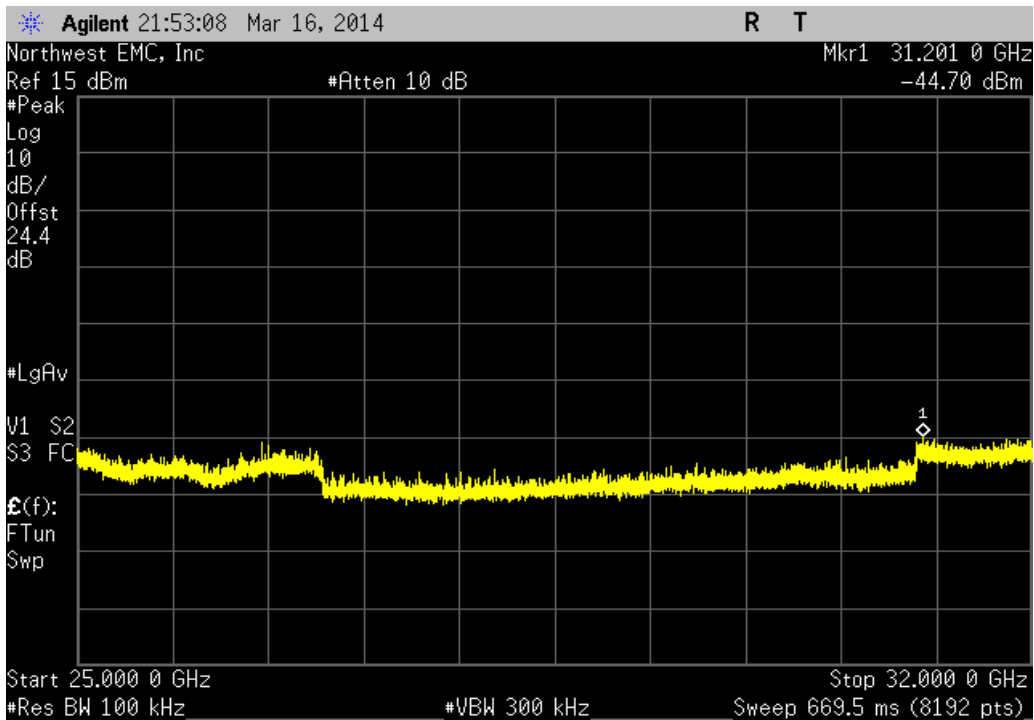
Result

25 GHz - 32 GHz

-46.45 dBc

≤ -20 dBc

Pass



IEEE 802.11(a), 20 MHz, 5725 MHz - 5850 MHz Band, 54 Mbps, Mid Channel 157, 5785 MHz

Frequency

Range

Value

Limit

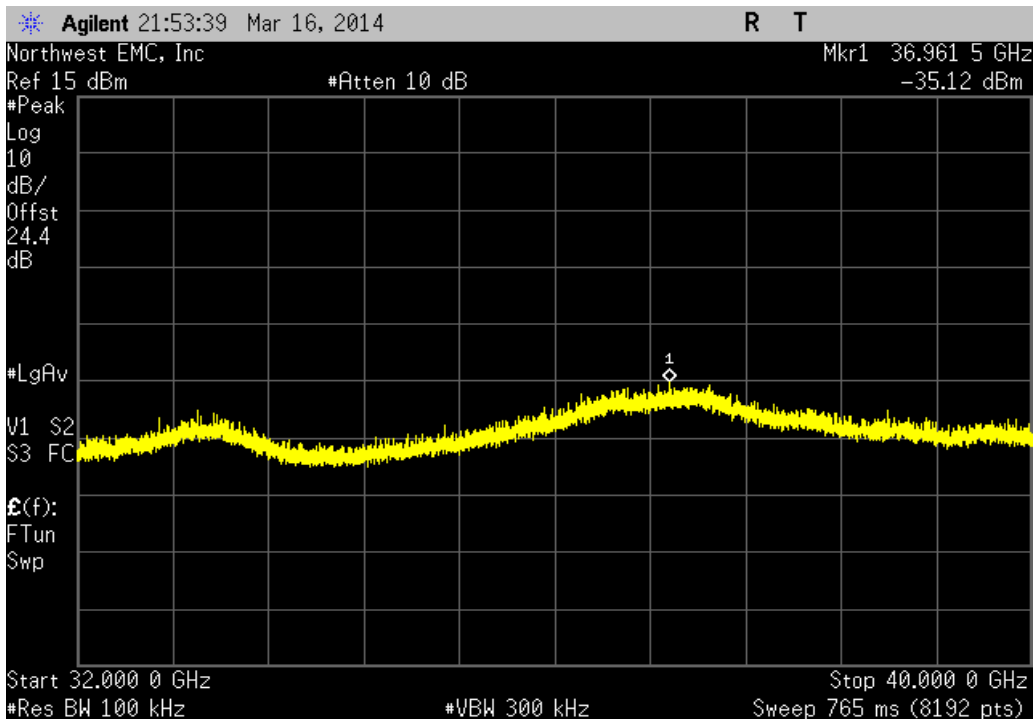
Result

32 GHz - 40 GHz

-36.87 dBc

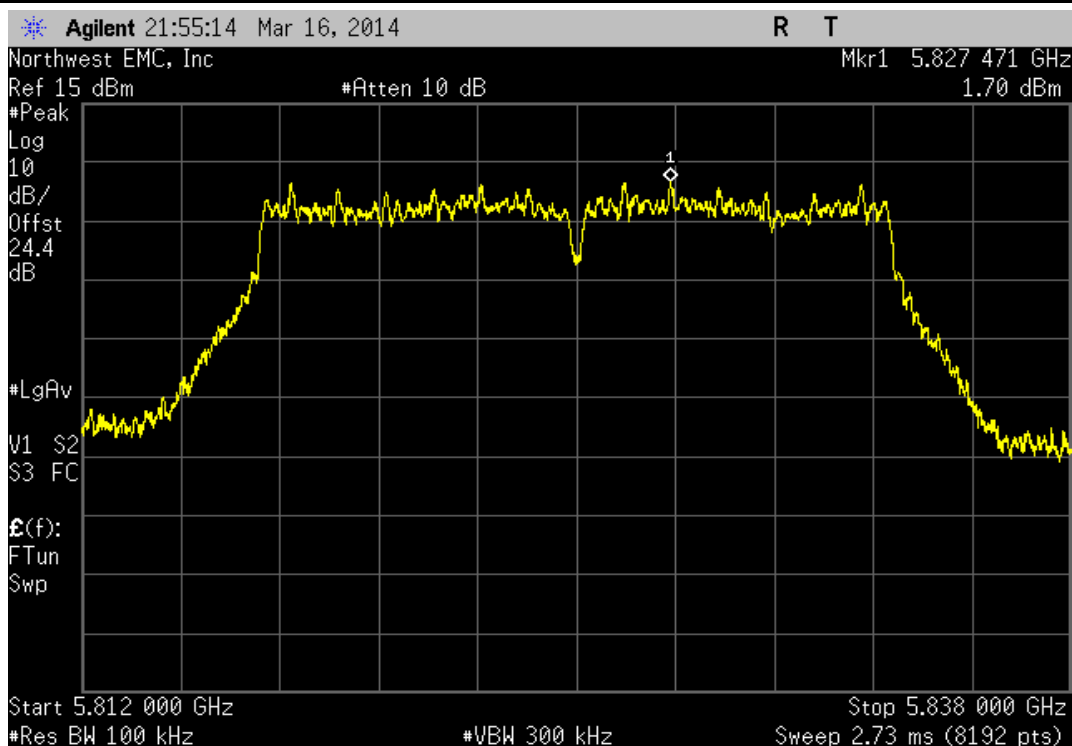
≤ -20 dBc

Pass



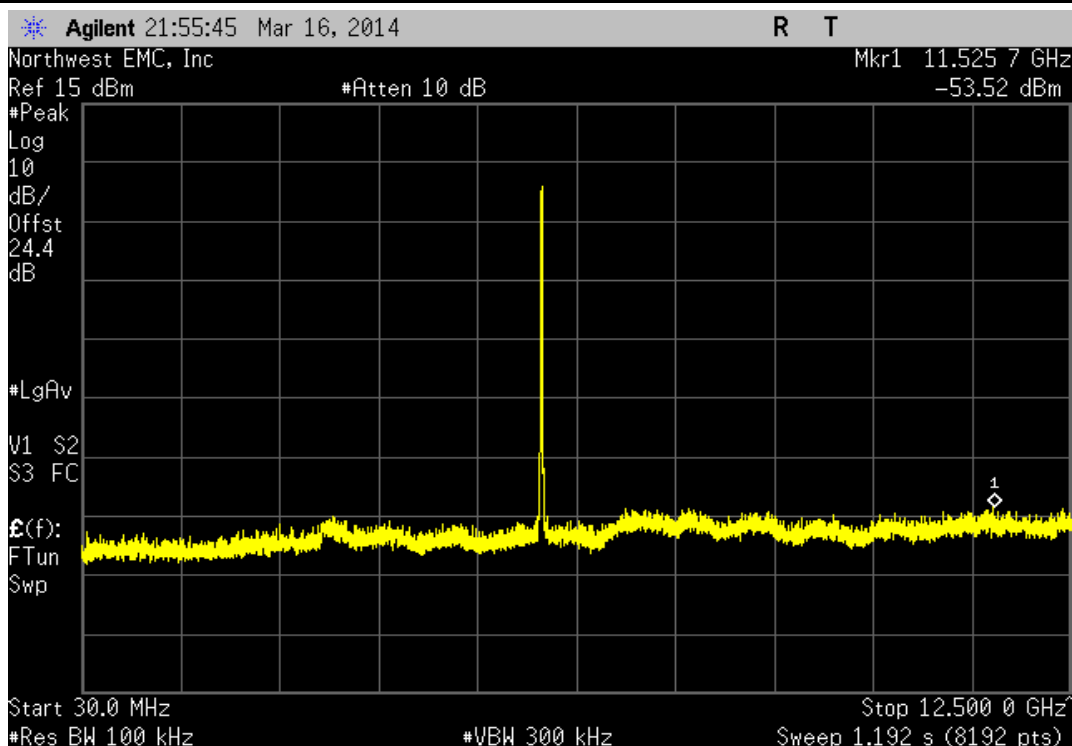
IEEE 802.11(a), 20 MHz, 5725 MHz - 5850 MHz Band, 54 Mbps, High Channel 165, 5825 MHz

Frequency	Range	Value	Limit	Result
	Fundamental	N/A	N/A	N/A



IEEE 802.11(a), 20 MHz, 5725 MHz - 5850 MHz Band, 54 Mbps, High Channel 165, 5825 MHz

Frequency	Range	Value	Limit	Result
	30 MHz - 12.5 GHz	-55.22 dBc	≤ -20 dBc	Pass



IEEE 802.11(a), 20 MHz, 5725 MHz - 5850 MHz Band, 54 Mbps, High Channel 165, 5825 MHz

Frequency

Range

Value

Limit

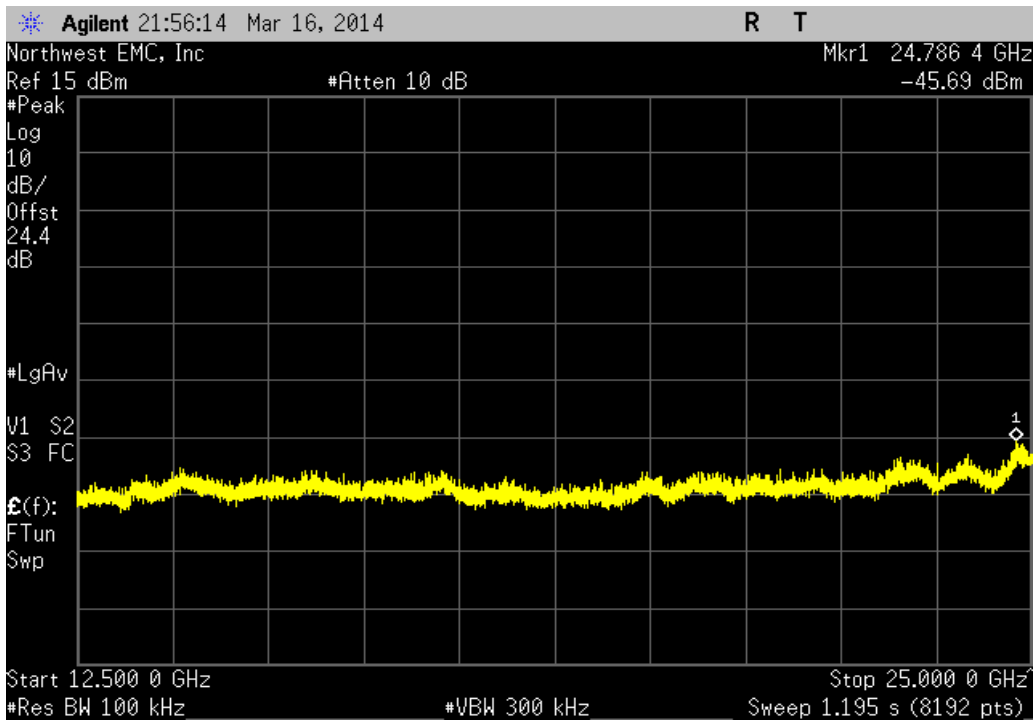
Result

12.5 GHz - 25 GHz

-47.39 dBc

≤ -20 dBc

Pass



IEEE 802.11(a), 20 MHz, 5725 MHz - 5850 MHz Band, 54 Mbps, High Channel 165, 5825 MHz

Frequency

Range

Value

Limit

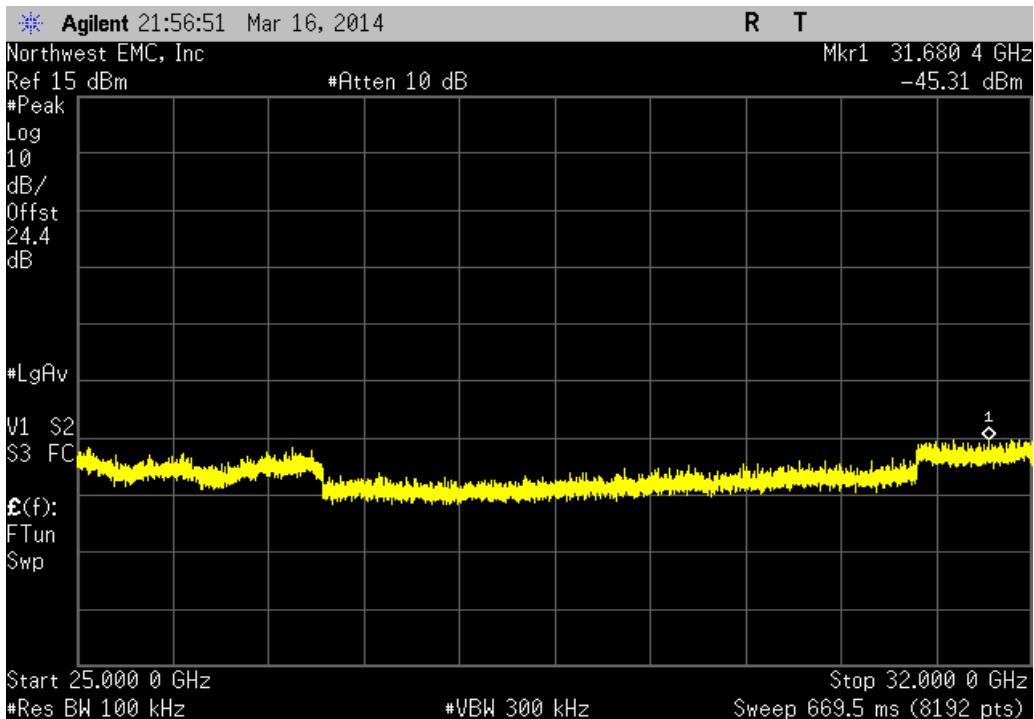
Result

25 GHz - 32 GHz

-47.01 dBc

≤ -20 dBc

Pass



IEEE 802.11(a), 20 MHz, 5725 MHz - 5850 MHz Band, 54 Mbps, High Channel 165, 5825 MHz

Frequency

Range

Value

Limit

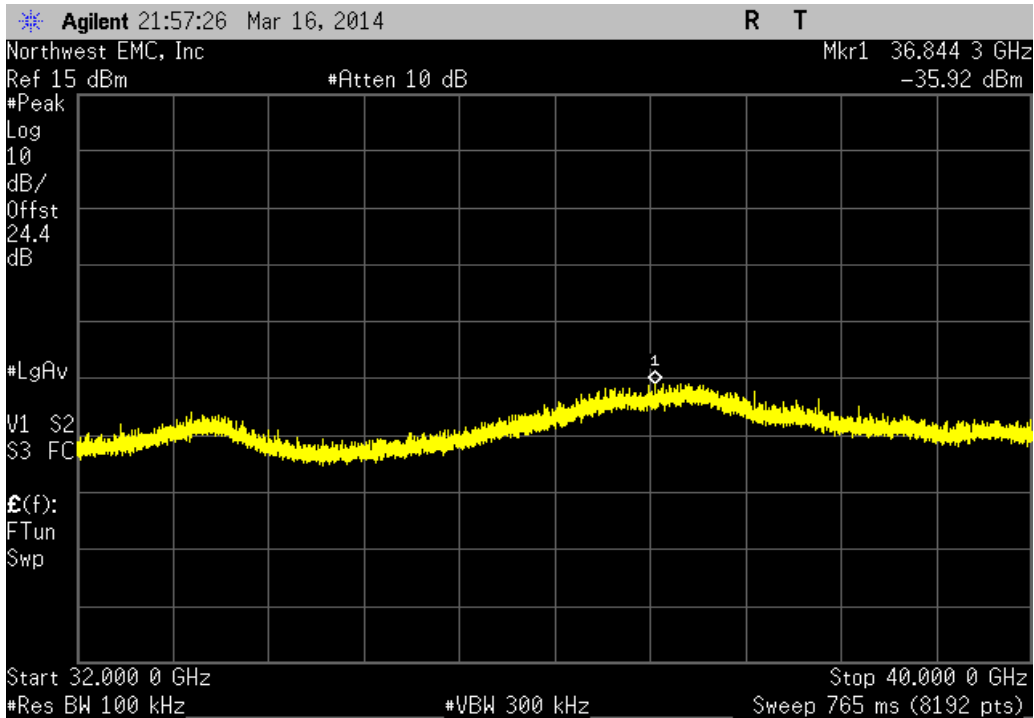
Result

32 GHz - 40 GHz

-37.62 dBc

≤ -20 dBc

Pass



IEEE 802.11(n), 20 MHz, 5725 MHz - 5850 MHz Band, HT, MCS7, Low Channel 149, 5745 MHz

Frequency

Range

Value

Limit

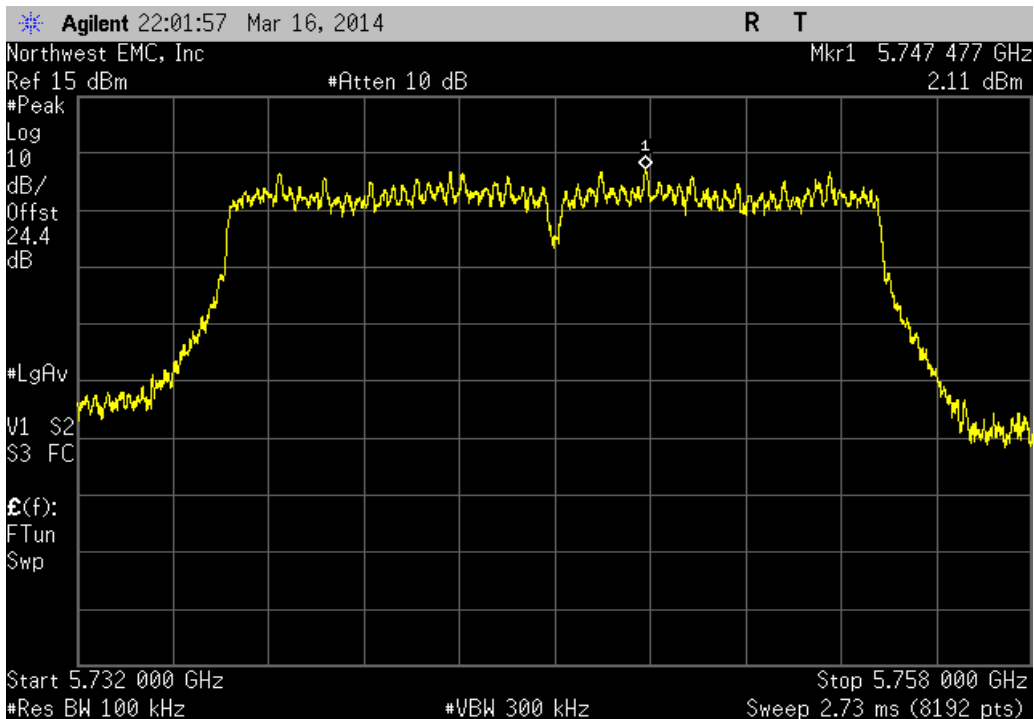
Result

Fundamental

N/A

N/A

N/A



IEEE 802.11(n), 20 MHz, 5725 MHz - 5850 MHz Band, HT, MCS7, Low Channel 149, 5745 MHz

Frequency

Range

Value

Limit

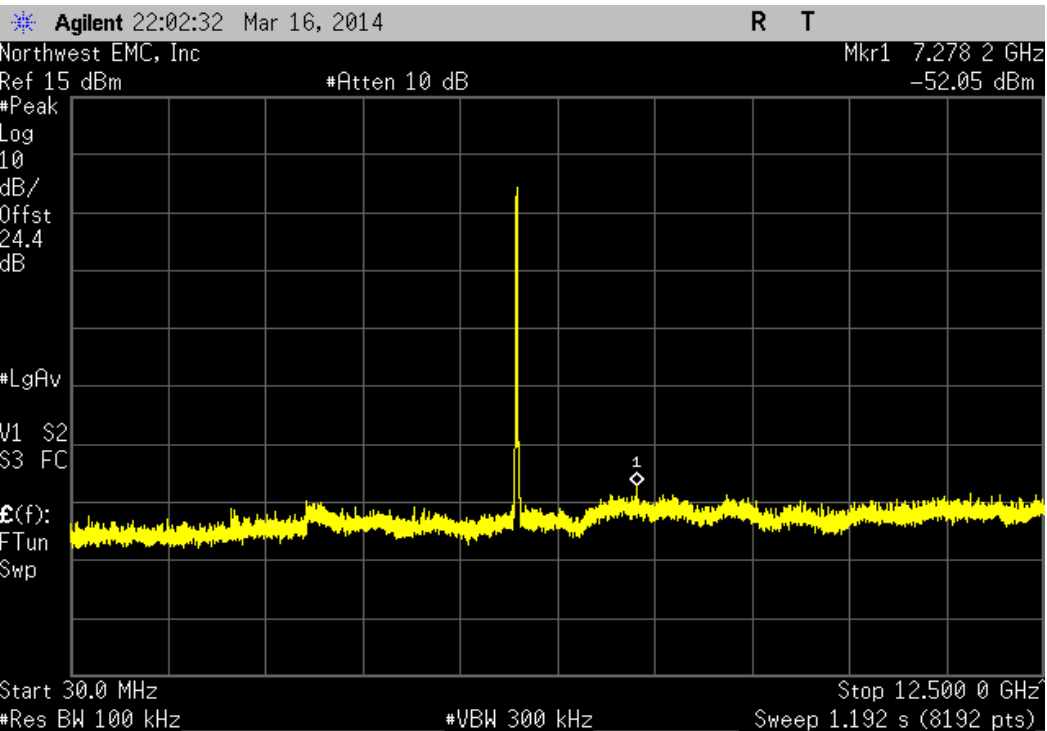
Result

30 MHz - 12.5 GHz

-54.16 dBc

≤ -20 dBc

Pass



IEEE 802.11(n), 20 MHz, 5725 MHz - 5850 MHz Band, HT, MCS7, Low Channel 149, 5745 MHz

Frequency

Range

Value

Limit

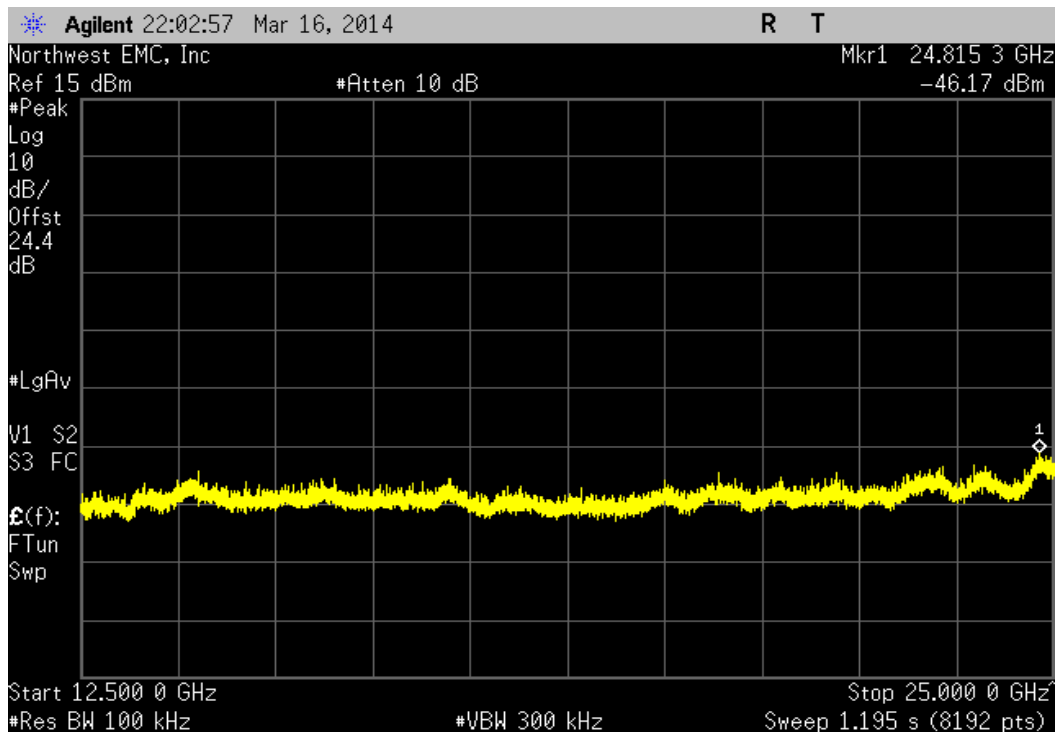
Result

12.5 GHz - 25 GHz

-48.28 dBc

≤ -20 dBc

Pass



IEEE 802.11(n), 20 MHz, 5725 MHz - 5850 MHz Band, HT, MCS7, Low Channel 149, 5745 MHz

Frequency

Range

Value

Limit

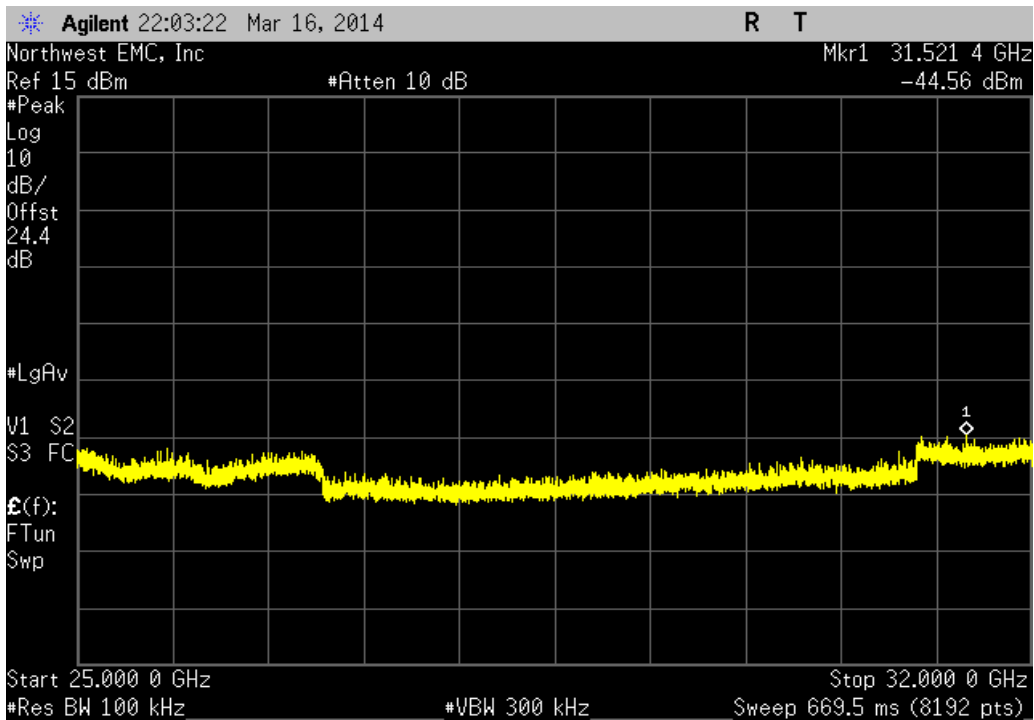
Result

25 GHz - 32 GHz

-46.67 dBc

≤ -20 dBc

Pass



IEEE 802.11(n), 20 MHz, 5725 MHz - 5850 MHz Band, HT, MCS7, Low Channel 149, 5745 MHz

Frequency

Range

Value

Limit

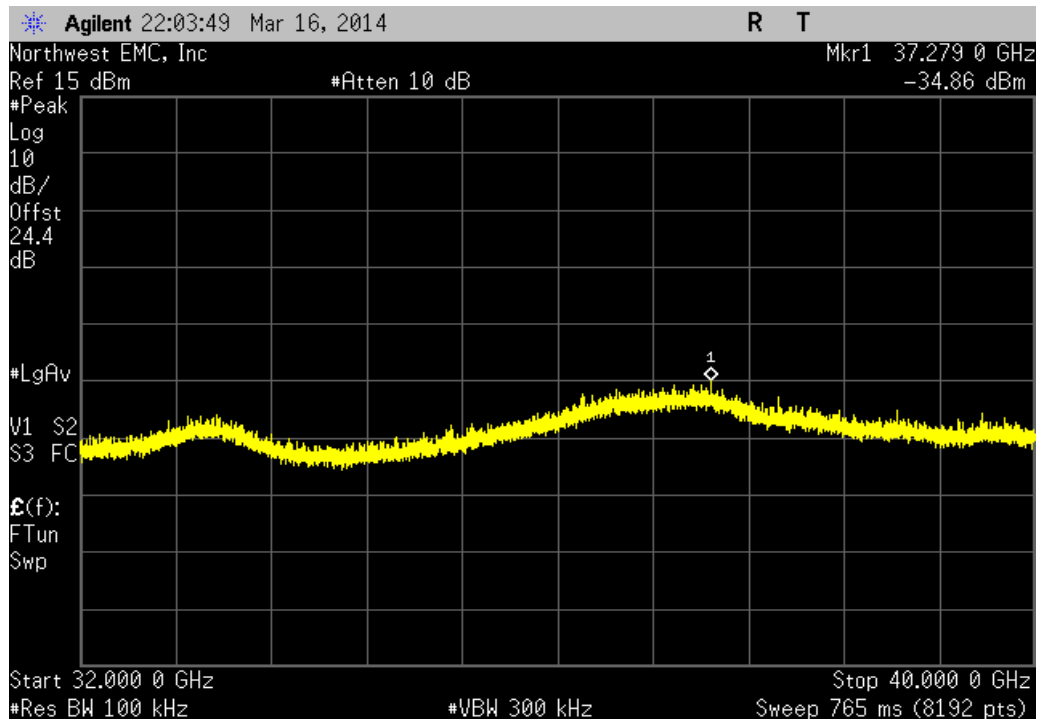
Result

32 GHz - 40 GHz

-36.97 dBc

≤ -20 dBc

Pass



IEEE 802.11(n), 20 MHz, 5725 MHz - 5850 MHz Band, HT, MCS7, Mid Channel 157, 5785 MHz

**Frequency
Range**

Value

Limit

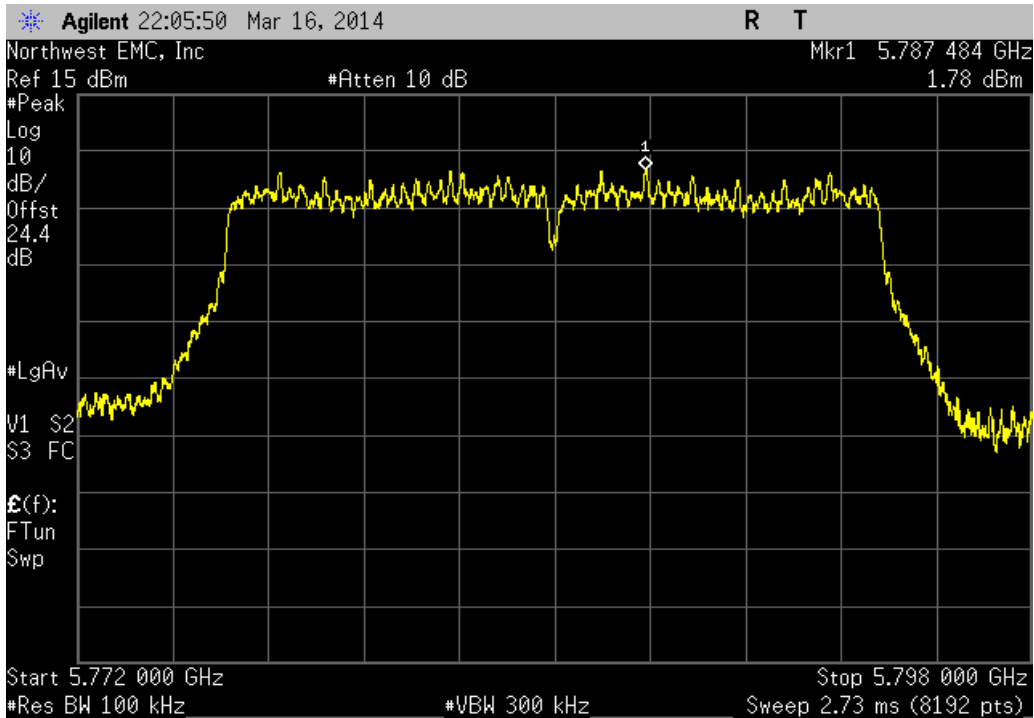
Result

Fundamental

N/A

N/A

N/A



IEEE 802.11(n), 20 MHz, 5725 MHz - 5850 MHz Band, HT, MCS7, Mid Channel 157, 5785 MHz

**Frequency
Range**

Value

Limit

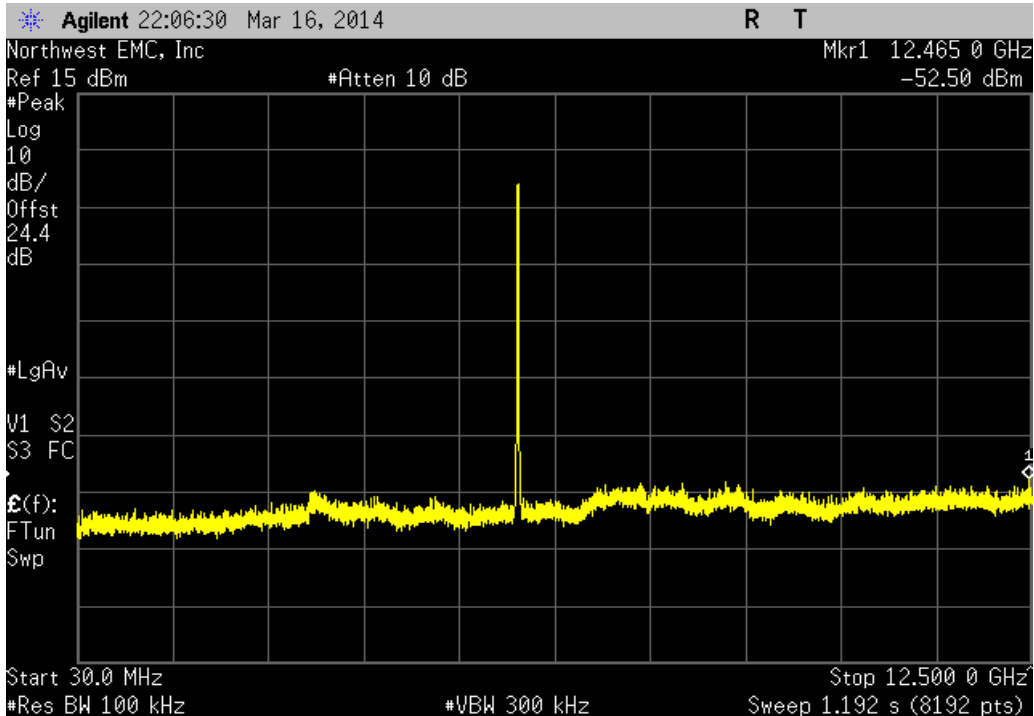
Result

30 MHz - 12.5 GHz

-54.28 dBc

≤ -20 dBc

Pass



IEEE 802.11(n), 20 MHz, 5725 MHz - 5850 MHz Band, HT, MCS7, Mid Channel 157, 5785 MHz

Frequency

Range

Value

Limit

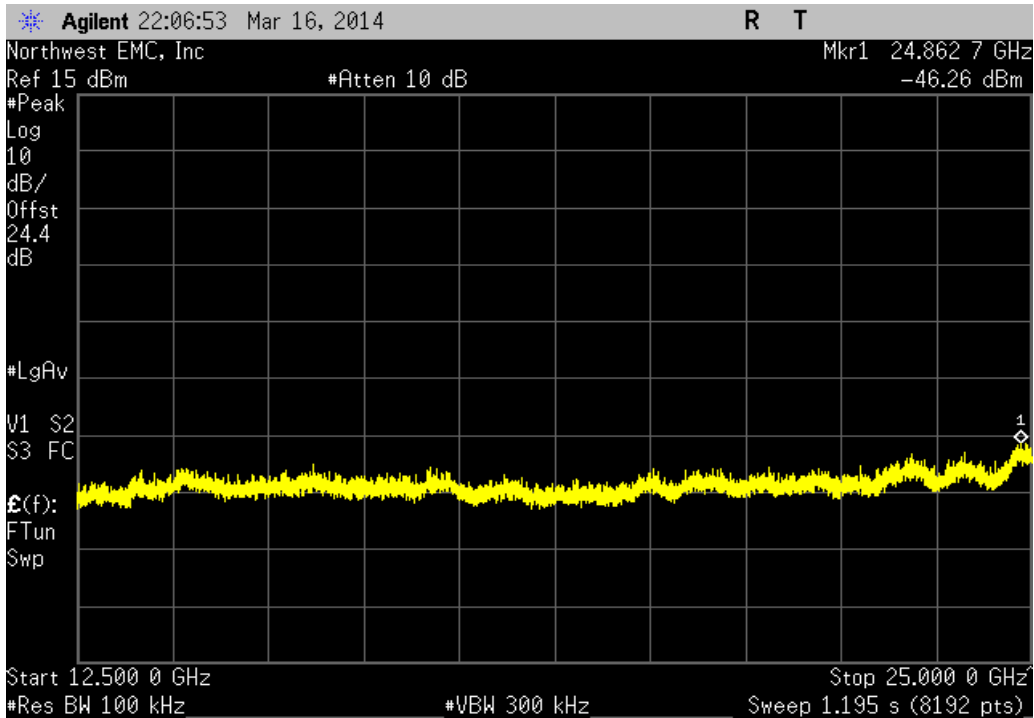
Result

12.5 GHz - 25 GHz

-48.04 dBc

≤ -20 dBc

Pass



IEEE 802.11(n), 20 MHz, 5725 MHz - 5850 MHz Band, HT, MCS7, Mid Channel 157, 5785 MHz

Frequency

Range

Value

Limit

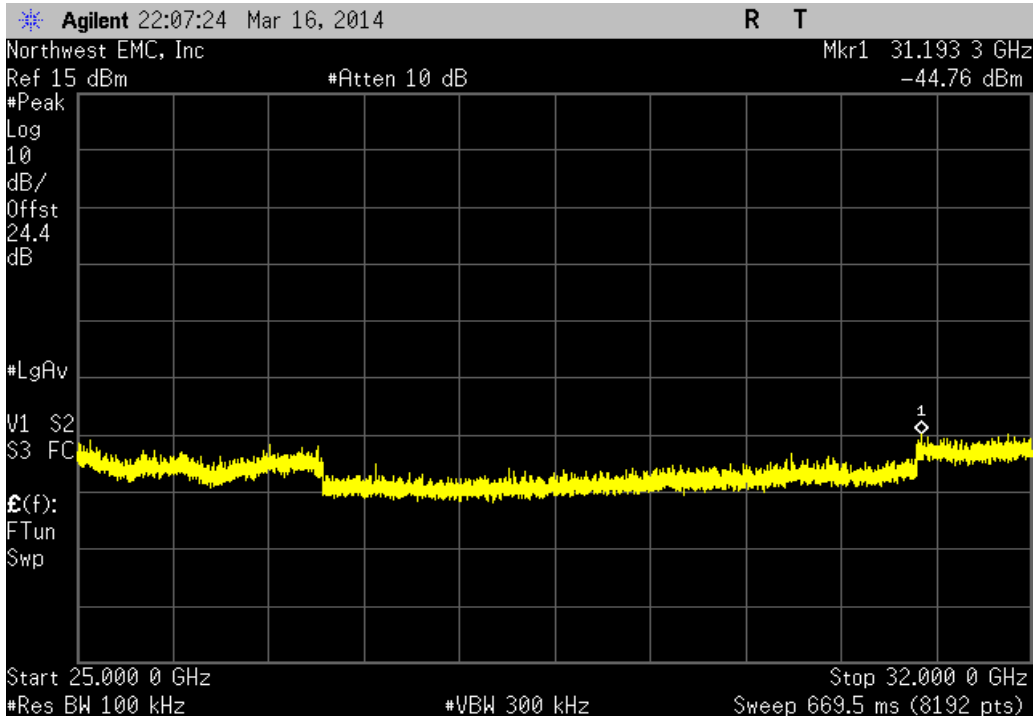
Result

25 GHz - 32 GHz

-46.54 dBc

≤ -20 dBc

Pass



IEEE 802.11(n), 20 MHz, 5725 MHz - 5850 MHz Band, HT, MCS7, Mid Channel 157, 5785 MHz

Frequency
Range

Value

Limit

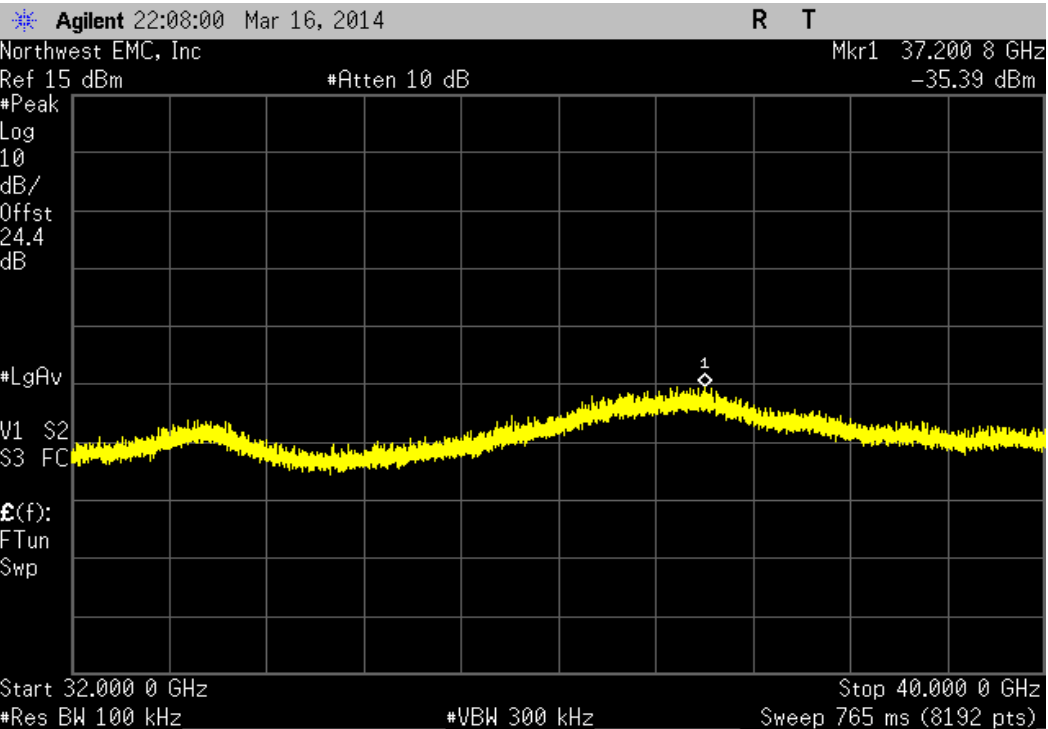
Result

32 GHz - 40 GHz

-37.17 dBc

≤ -20 dBc

Pass



IEEE 802.11(n), 20 MHz, 5725 MHz - 5850 MHz Band, HT, MCS7, High Channel 165, 5825 MHz

Frequency
Range

Value

Limit

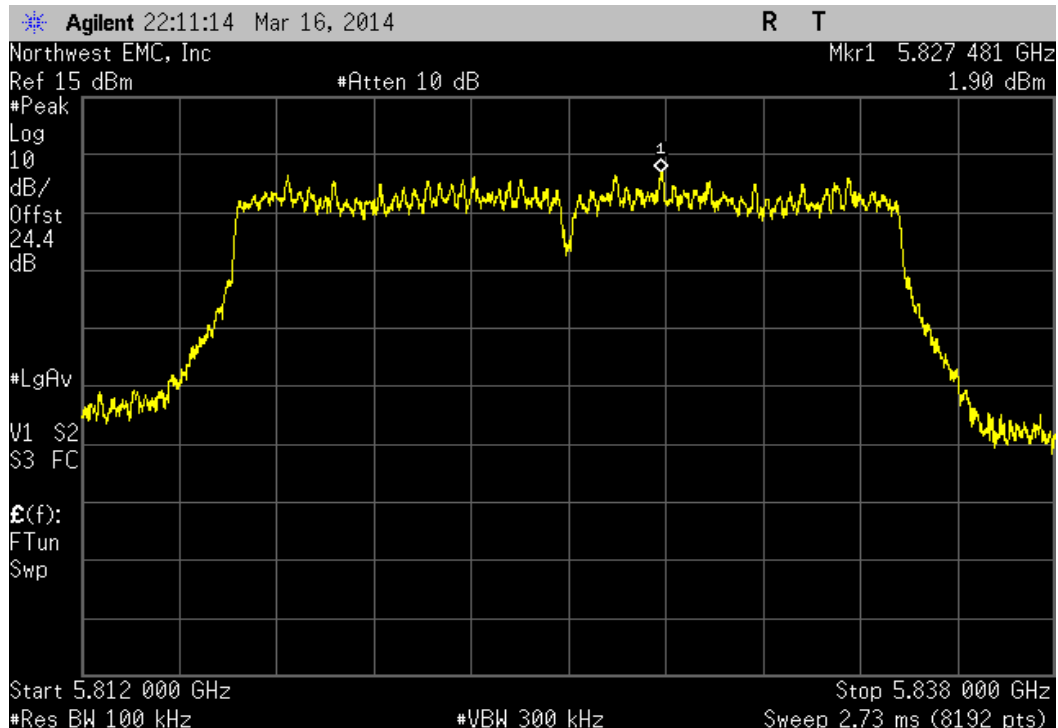
Result

Fundamental

N/A

N/A

N/A



IEEE 802.11(n), 20 MHz, 5725 MHz - 5850 MHz Band, HT, MCS7, High Channel 165, 5825 MHz

Frequency

Range

Value

Limit

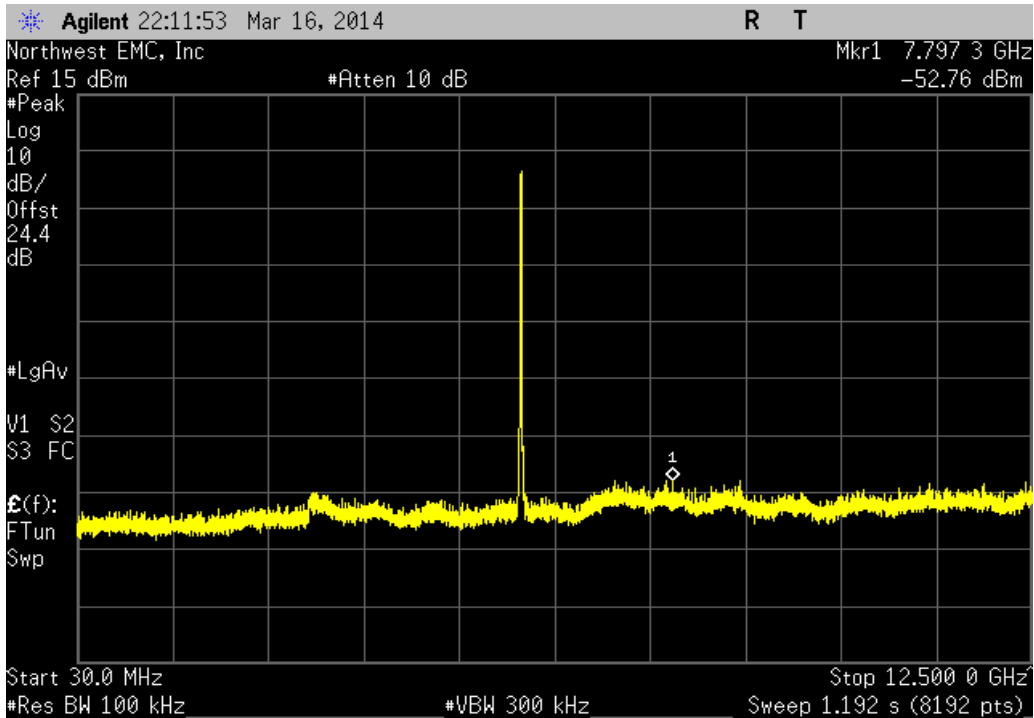
Result

30 MHz - 12.5 GHz

-54.66 dBc

≤ -20 dBc

Pass



IEEE 802.11(n), 20 MHz, 5725 MHz - 5850 MHz Band, HT, MCS7, High Channel 165, 5825 MHz

Frequency

Range

Value

Limit

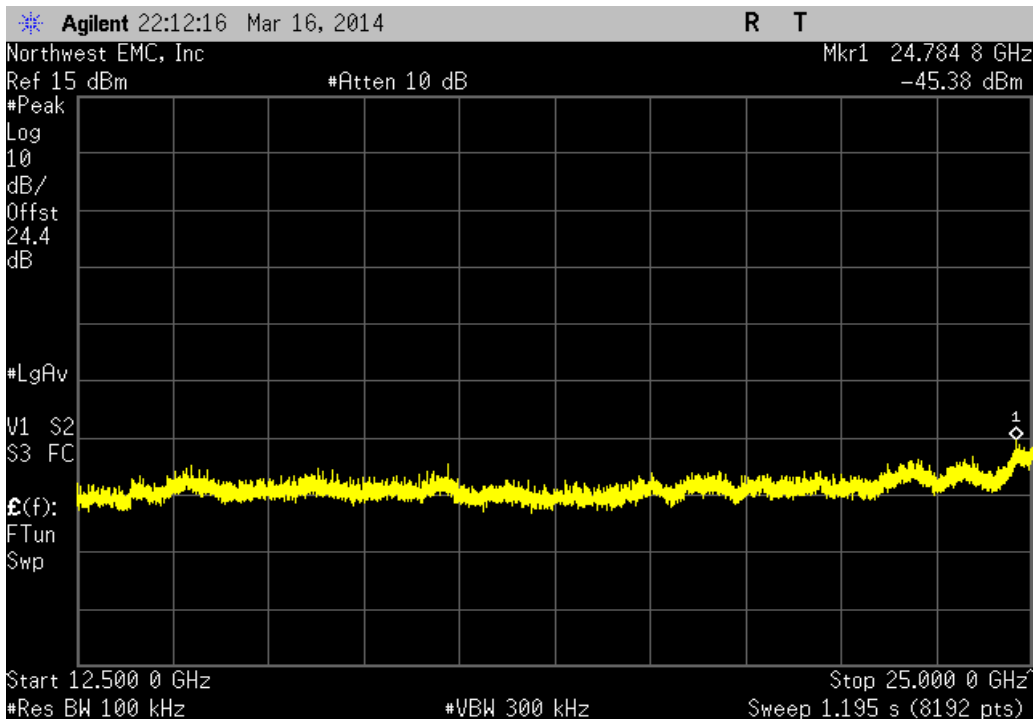
Result

12.5 GHz - 25 GHz

-47.28 dBc

≤ -20 dBc

Pass



IEEE 802.11(n), 20 MHz, 5725 MHz - 5850 MHz Band, HT, MCS7, High Channel 165, 5825 MHz

Frequency

Range

Value

Limit

Result

25 GHz - 32 GHz

-46.33 dBc

≤ -20 dBc

Pass

Agilent 22:13:13 Mar 16, 2014

R T

Northwest EMC, Inc

Mkr1 31.933 3 GHz

Ref 15 dBm

#Atten 10 dB

-44.43 dBm

#Peak

Log

10

dB/

Offst

24.4

dB

#LgRv

V1 S2

S3 FC

£(f):

FTun

Swp

Start 25.000 0 GHz

Stop 32.000 0 GHz

#Res BW 100 kHz

#VBW 300 kHz

Sweep 669.5 ms (8192 pts)

IEEE 802.11(n), 20 MHz, 5725 MHz - 5850 MHz Band, HT, MCS7, High Channel 165, 5825 MHz

Frequency

Range

Value

Limit

Result

32 GHz - 40 GHz

-37.28 dBc

≤ -20 dBc

Pass

Agilent 22:13:47 Mar 16, 2014

R T

Northwest EMC, Inc

Mkr1 36.914 7 GHz

Ref 15 dBm

#Atten 10 dB

-35.38 dBm

#Peak

Log

10

dB/

Offst

24.4

dB

#LgRv

V1 S2

S3 FC

£(f):

FTun

Swp

Start 32.000 0 GHz

Stop 40.000 0 GHz

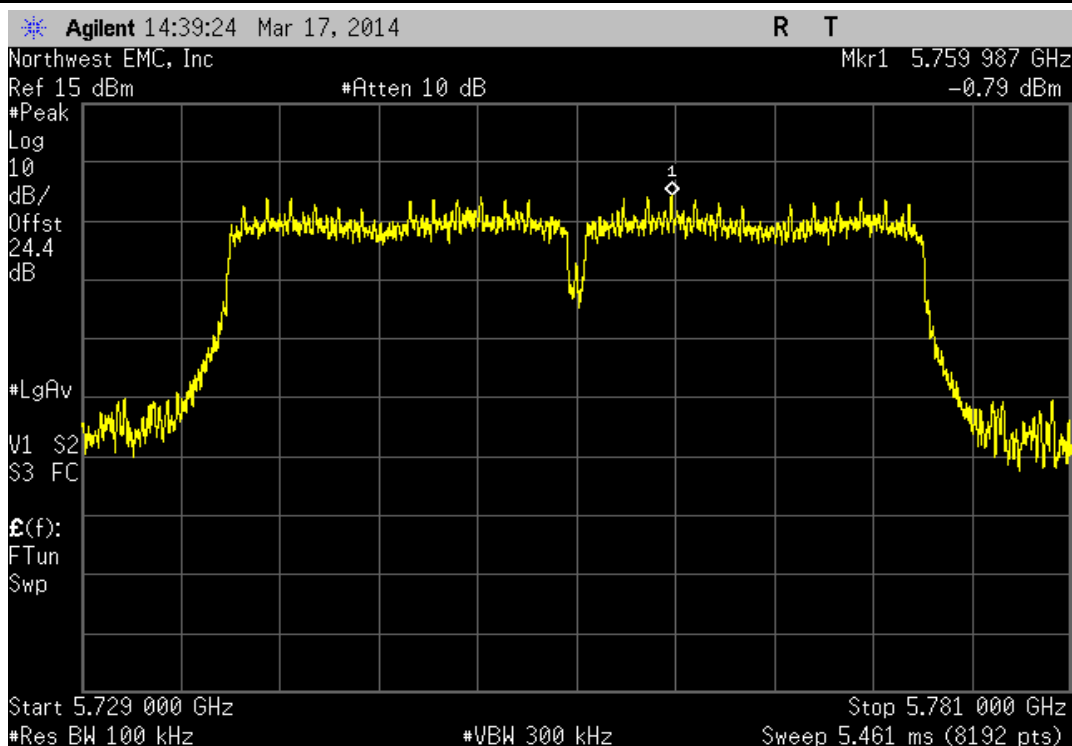
#Res BW 100 kHz

#VBW 300 kHz

Sweep 765 ms (8192 pts)

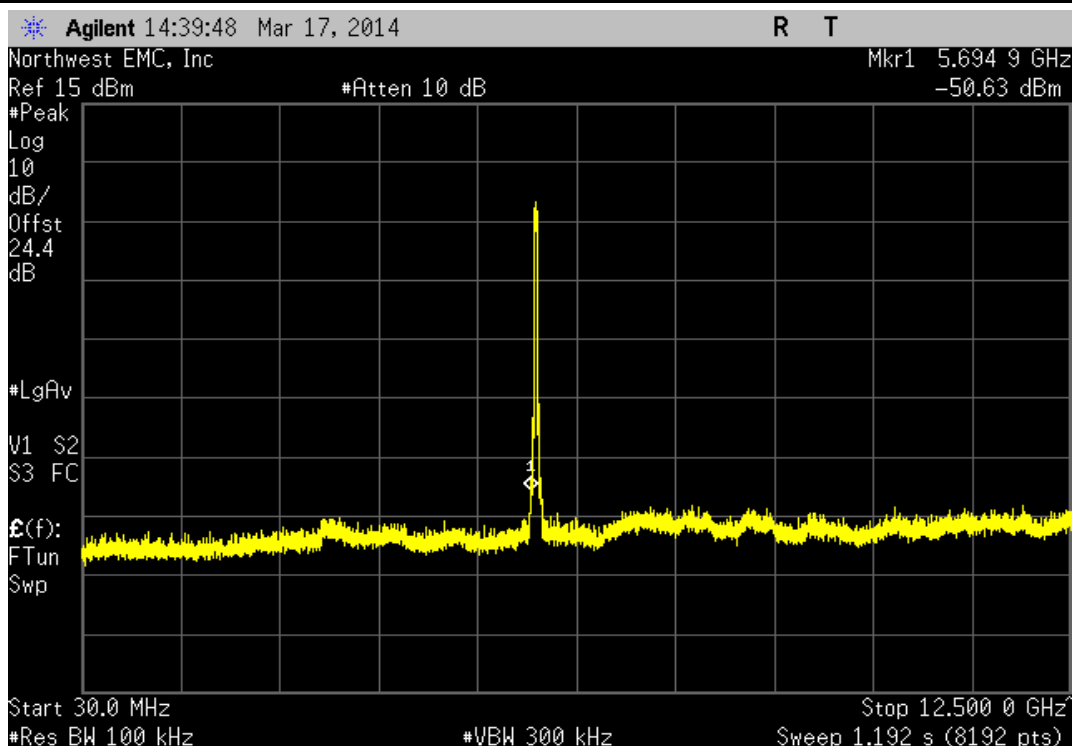
IEEE 802.11(n), 40 MHz, 5725 MHz - 5850 MHz Band, HT, MCS7, Low Channel 149/153, 5755 MHz

Frequency	Range	Value	Limit	Result
	Fundamental	N/A	N/A	N/A



IEEE 802.11(n), 40 MHz, 5725 MHz - 5850 MHz Band, HT, MCS7, Low Channel 149/153, 5755 MHz

Frequency	Range	Value	Limit	Result
	30 MHz - 12.5 GHz	-49.84 dBc	≤ -20 dBc	Pass



IEEE 802.11(n), 40 MHz, 5725 MHz - 5850 MHz Band, HT, MCS7, Low Channel 149/153, 5755 MHz

Frequency

Range

Value

Limit

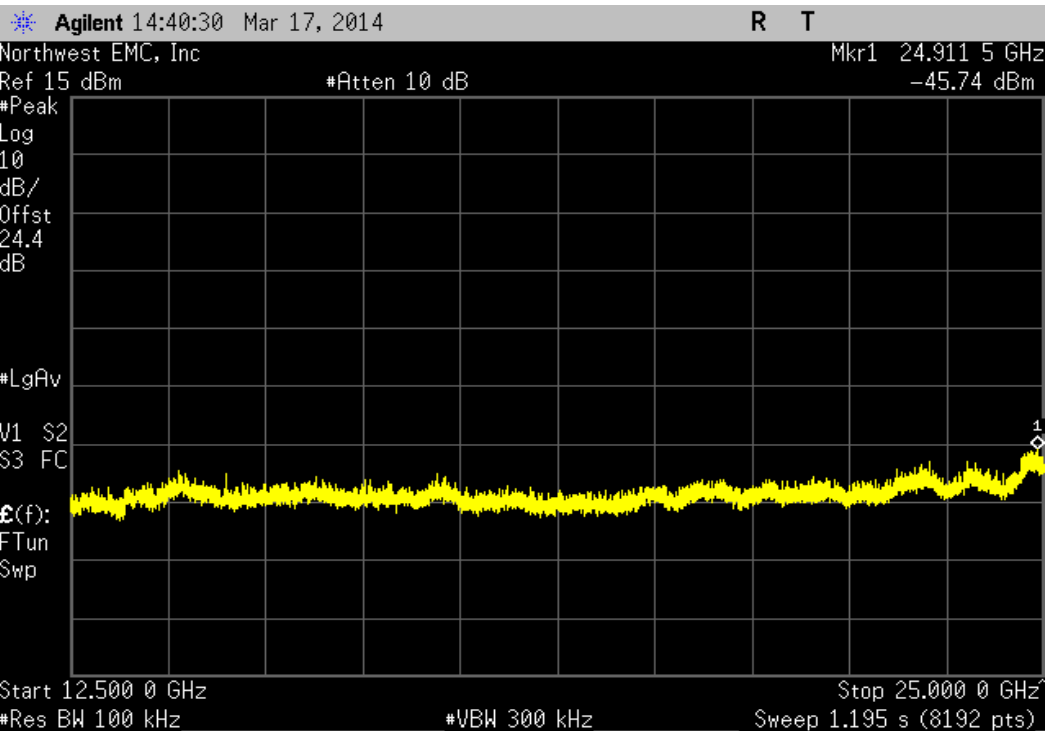
Result

12.5 GHz - 25 GHz

-44.95 dBc

≤ -20 dBc

Pass



IEEE 802.11(n), 40 MHz, 5725 MHz - 5850 MHz Band, HT, MCS7, Low Channel 149/153, 5755 MHz

Frequency

Range

Value

Limit

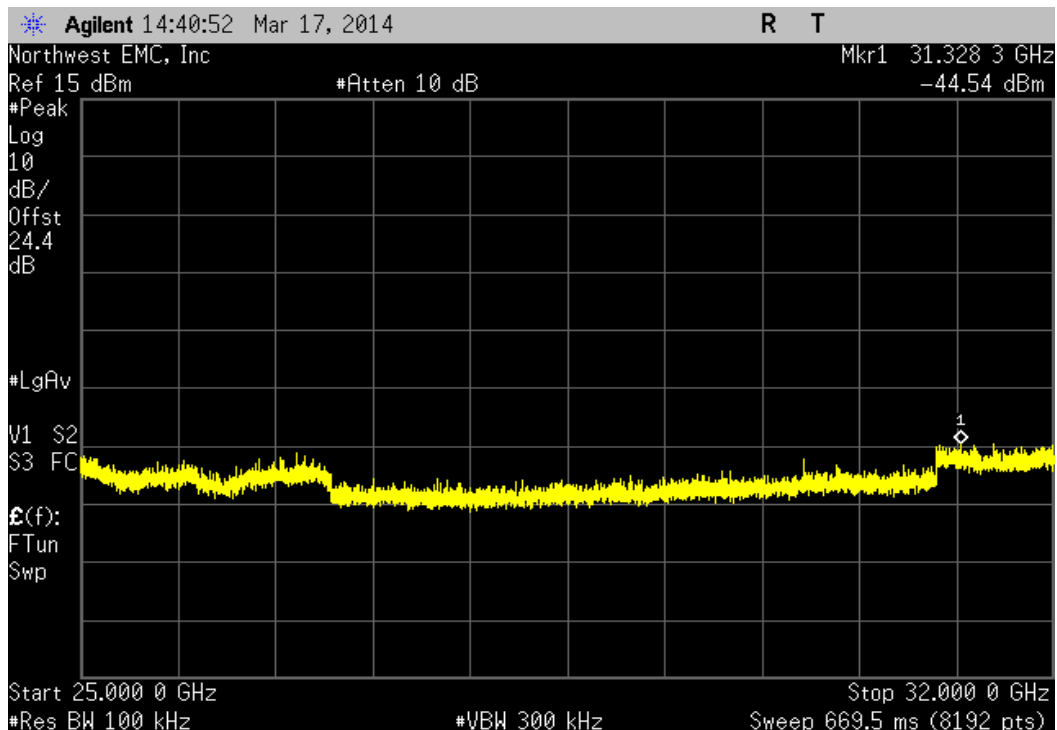
Result

25 GHz - 32 GHz

-43.75 dBc

≤ -20 dBc

Pass



IEEE 802.11(n), 40 MHz, 5725 MHz - 5850 MHz Band, HT, MCS7, Low Channel 149/153, 5755 MHz

Frequency

Range

Value

Limit

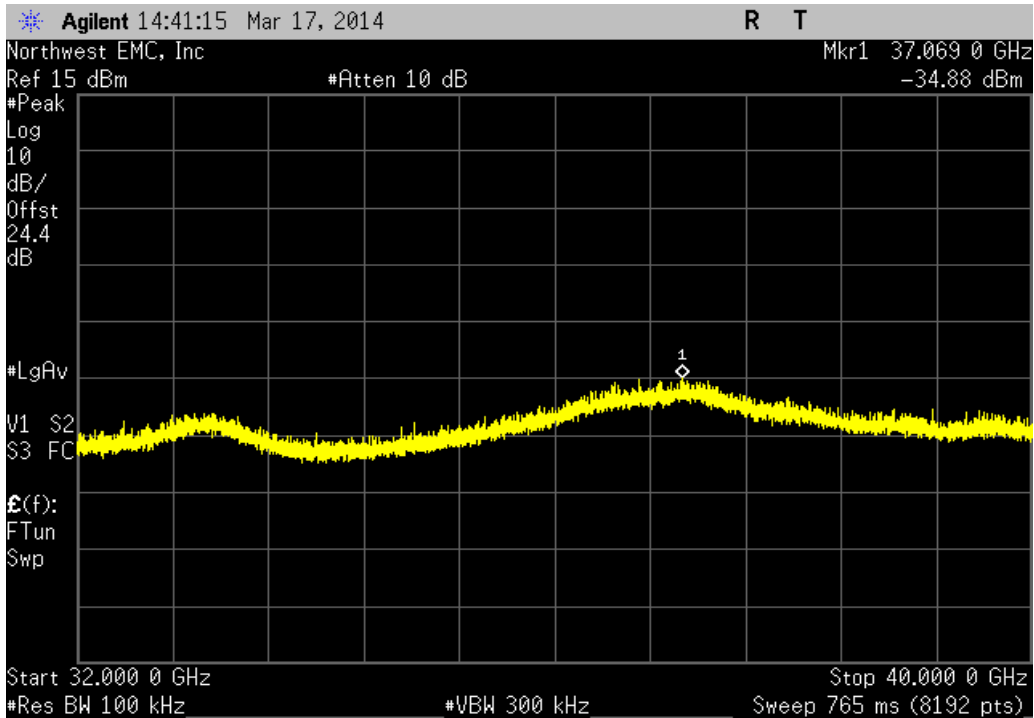
Result

32 GHz - 40 GHz

-34.09 dBc

≤ -20 dBc

Pass



IEEE 802.11(n), 40 MHz, 5725 MHz - 5850 MHz Band, HT, MCS7, High Channel 157/161, 5795 MHz

Frequency

Range

Value

Limit

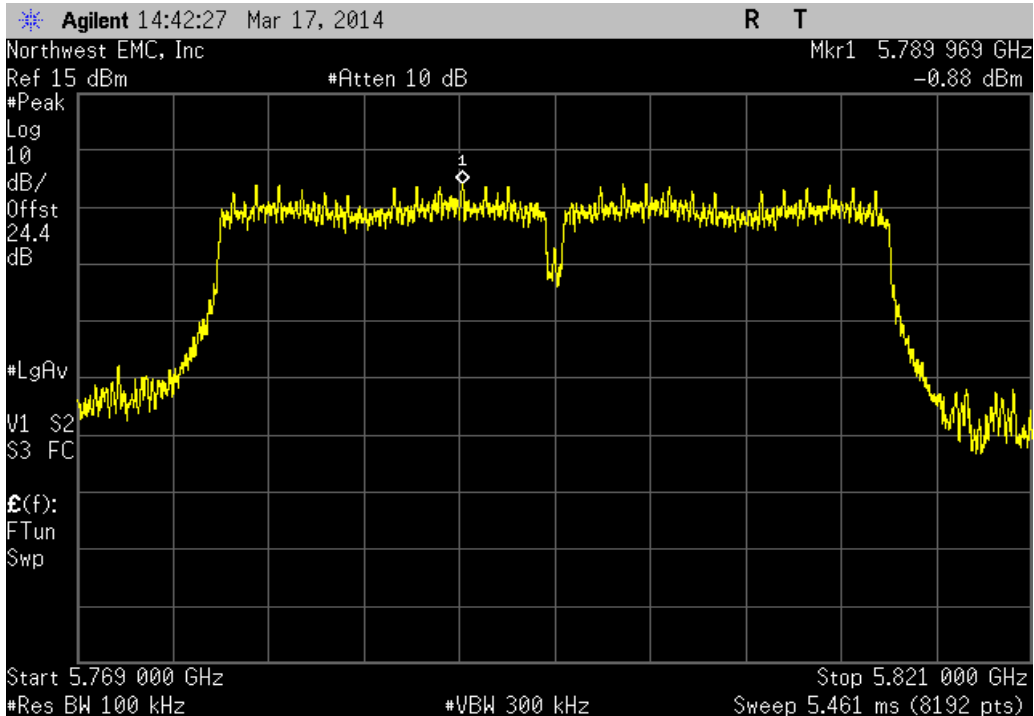
Result

Fundamental

N/A

N/A

N/A



IEEE 802.11(n), 40 MHz, 5725 MHz - 5850 MHz Band, HT, MCS7, High Channel 157/161, 5795 MHz

Frequency

Range

Value

Limit

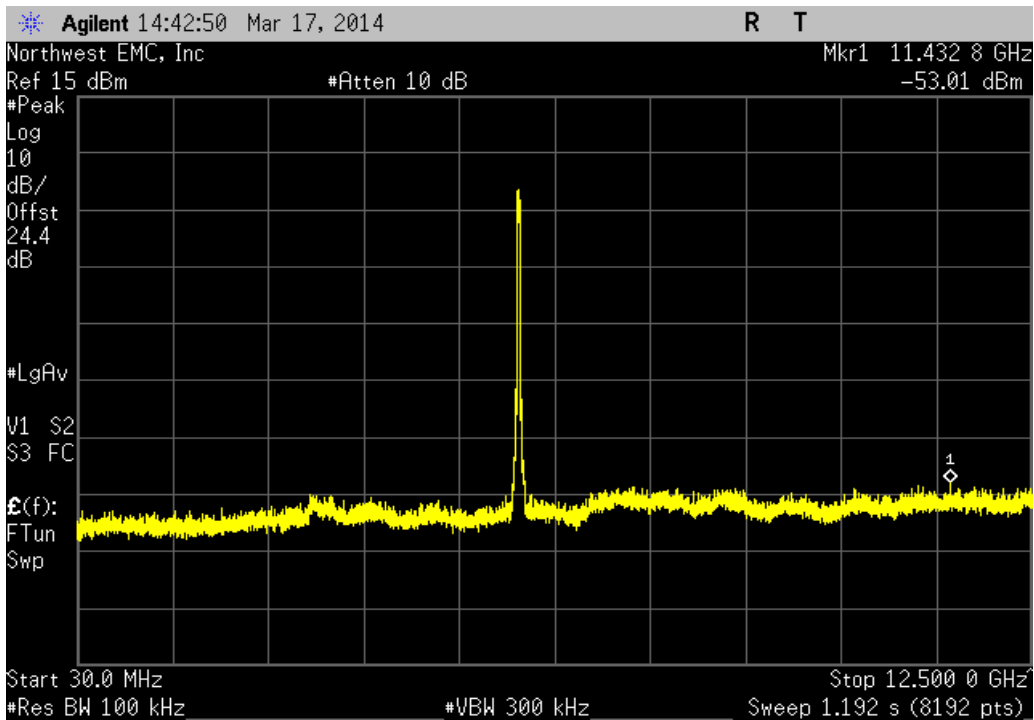
Result

30 MHz - 12.5 GHz

-52.13 dBc

≤ -20 dBc

Pass



IEEE 802.11(n), 40 MHz, 5725 MHz - 5850 MHz Band, HT, MCS7, High Channel 157/161, 5795 MHz

Frequency

Range

Value

Limit

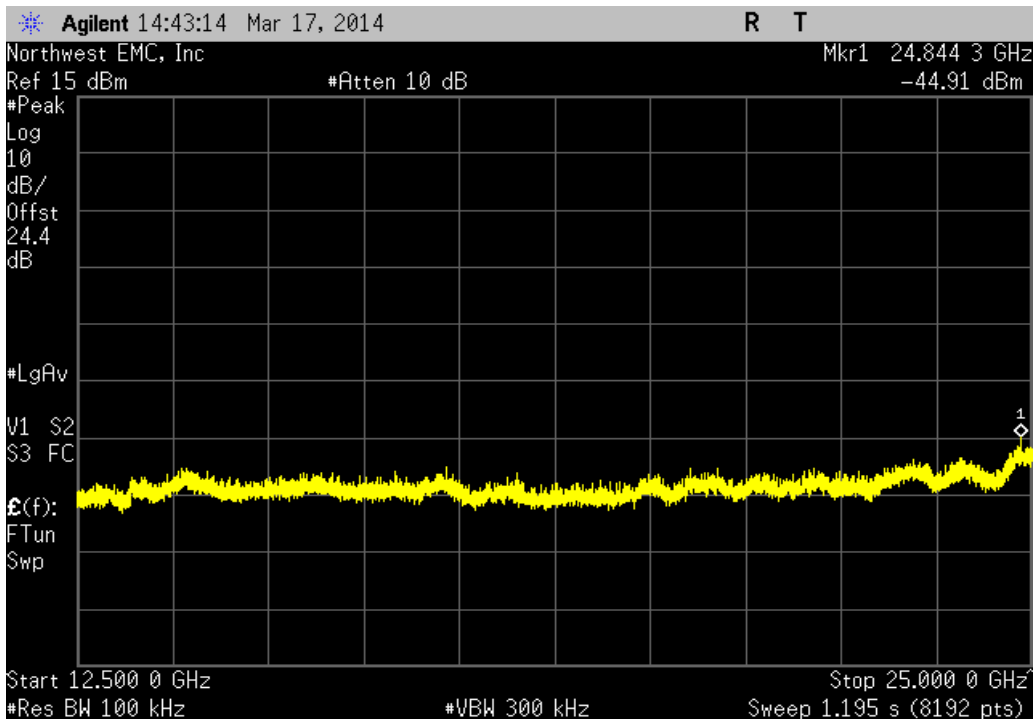
Result

12.5 GHz - 25 GHz

-44.03 dBc

≤ -20 dBc

Pass



IEEE 802.11(n), 40 MHz, 5725 MHz - 5850 MHz Band, HT, MCS7, High Channel 157/161, 5795 MHz

Frequency

Range

Value

Limit

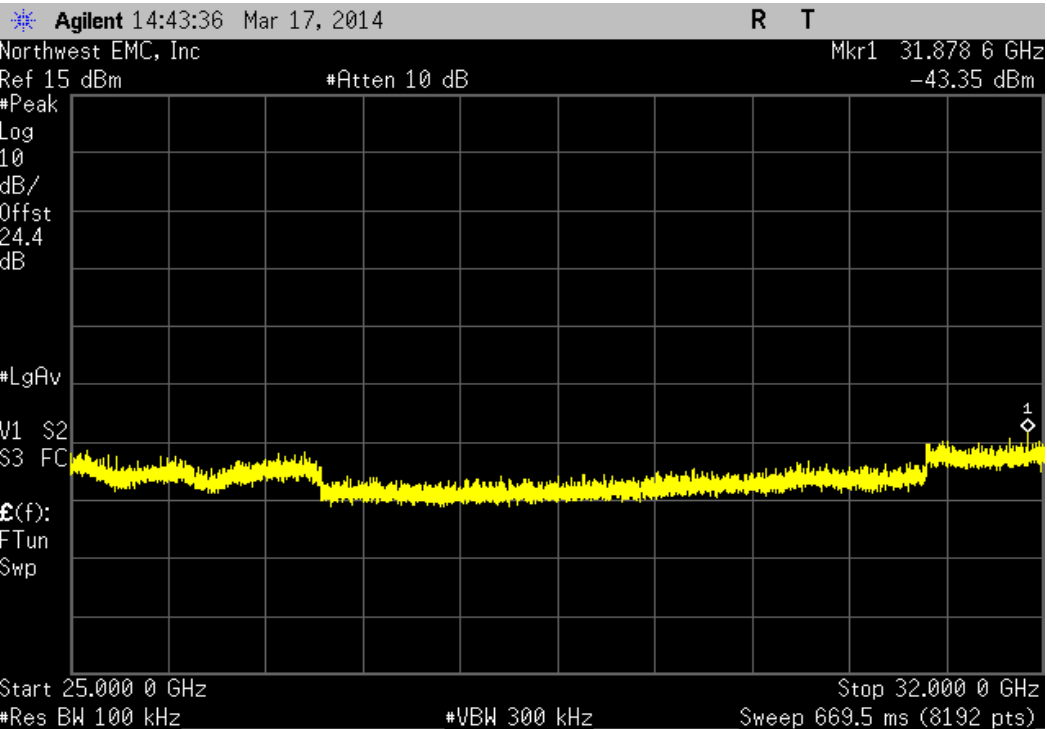
Result

25 GHz - 32 GHz

-42.47 dBc

≤ -20 dBc

Pass



IEEE 802.11(n), 40 MHz, 5725 MHz - 5850 MHz Band, HT, MCS7, High Channel 157/161, 5795 MHz

Frequency

Range

Value

Limit

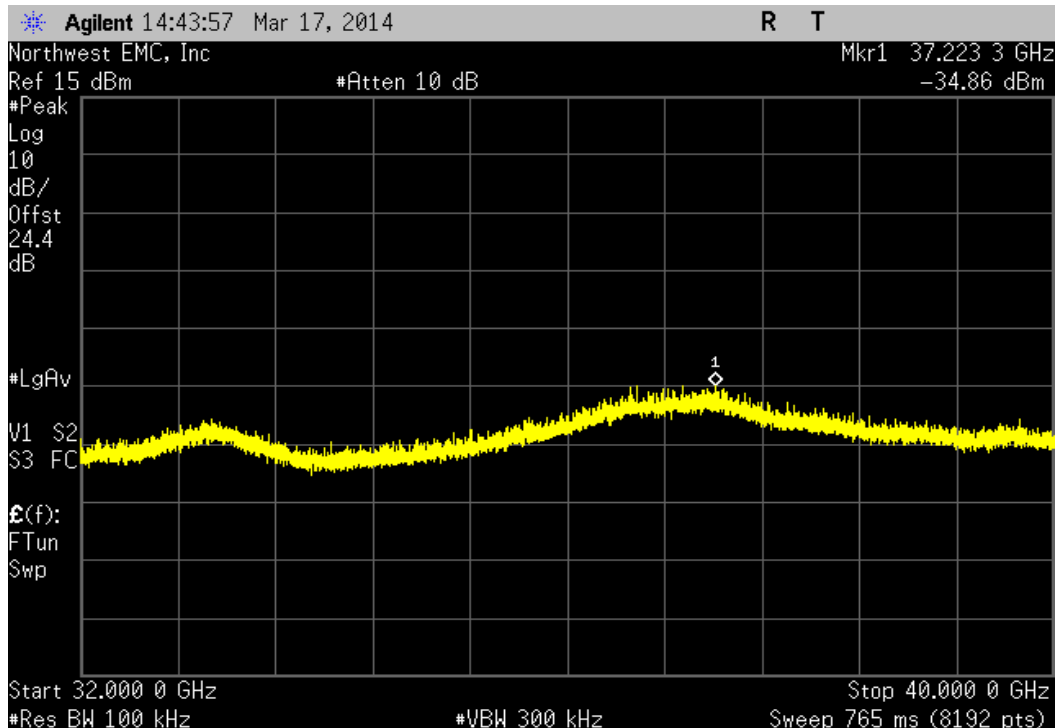
Result

32 GHz - 40 GHz

-33.98 dBc

≤ -20 dBc

Pass



IEEE 802.11(ac), 20 MHz, 5725 MHz - 5850 MHz Band, VHT, MCS0, Low Channel 149, 5745 MHz

Frequency
Range

Value

Limit

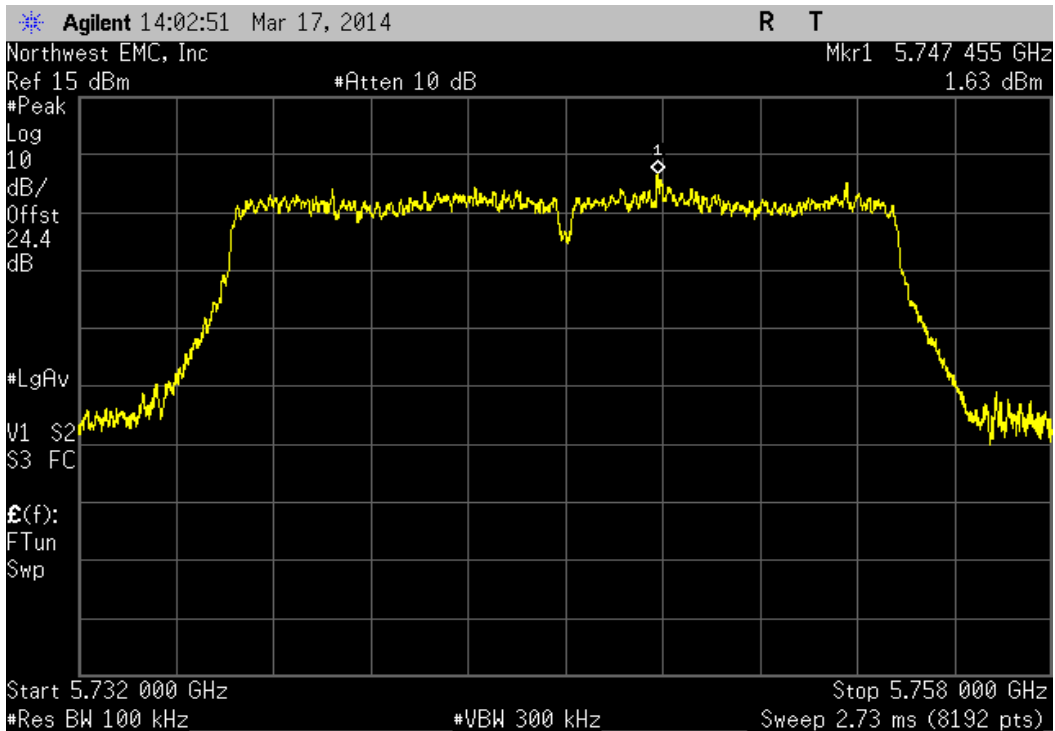
Result

Fundamental

N/A

N/A

N/A



IEEE 802.11(ac), 20 MHz, 5725 MHz - 5850 MHz Band, VHT, MCS0, Low Channel 149, 5745 MHz

Frequency
Range

Value

Limit

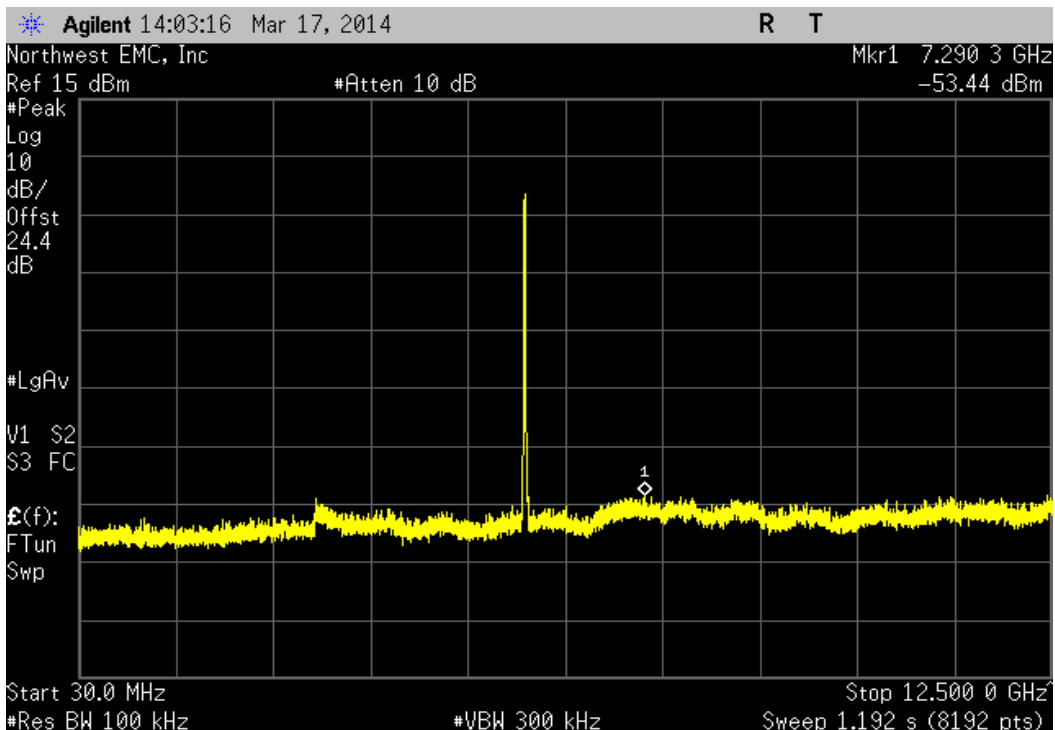
Result

30 MHz - 12.5 GHz

-55.07 dBc

≤ -20 dBc

Pass



IEEE 802.11(ac), 20 MHz, 5725 MHz - 5850 MHz Band, VHT, MCS0, Low Channel 149, 5745 MHz

Frequency

Range

Value

Limit

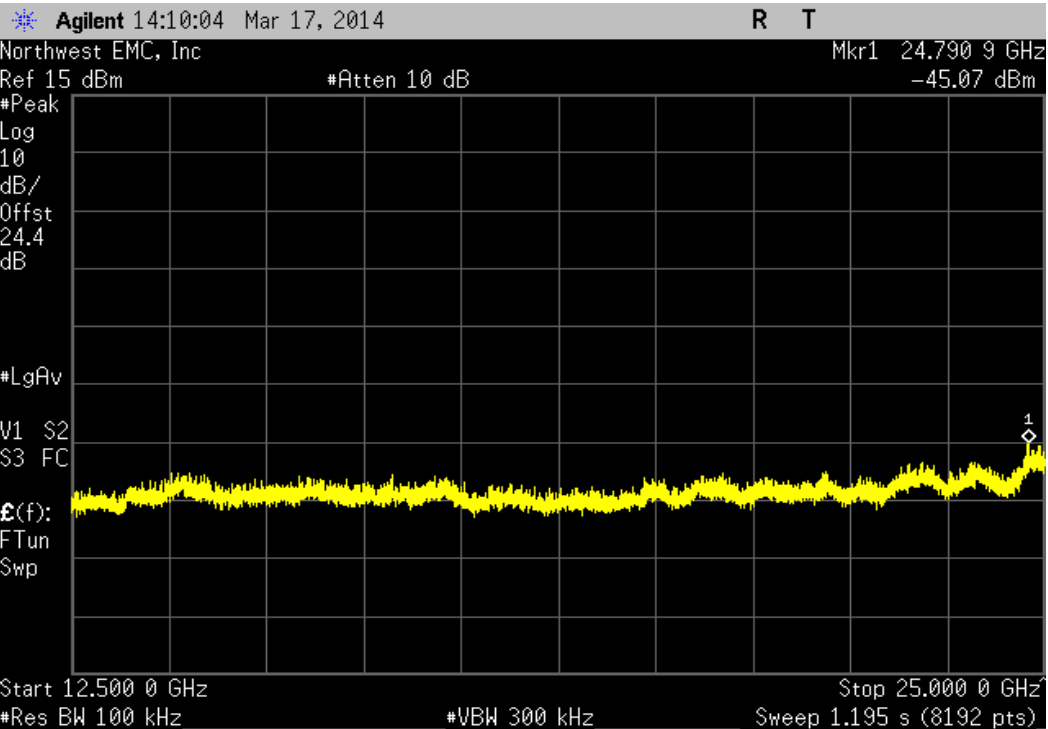
Result

12.5 GHz - 25 GHz

-46.7 dBc

≤ -20 dBc

Pass



IEEE 802.11(ac), 20 MHz, 5725 MHz - 5850 MHz Band, VHT, MCS0, Low Channel 149, 5745 MHz

Frequency

Range

Value

Limit

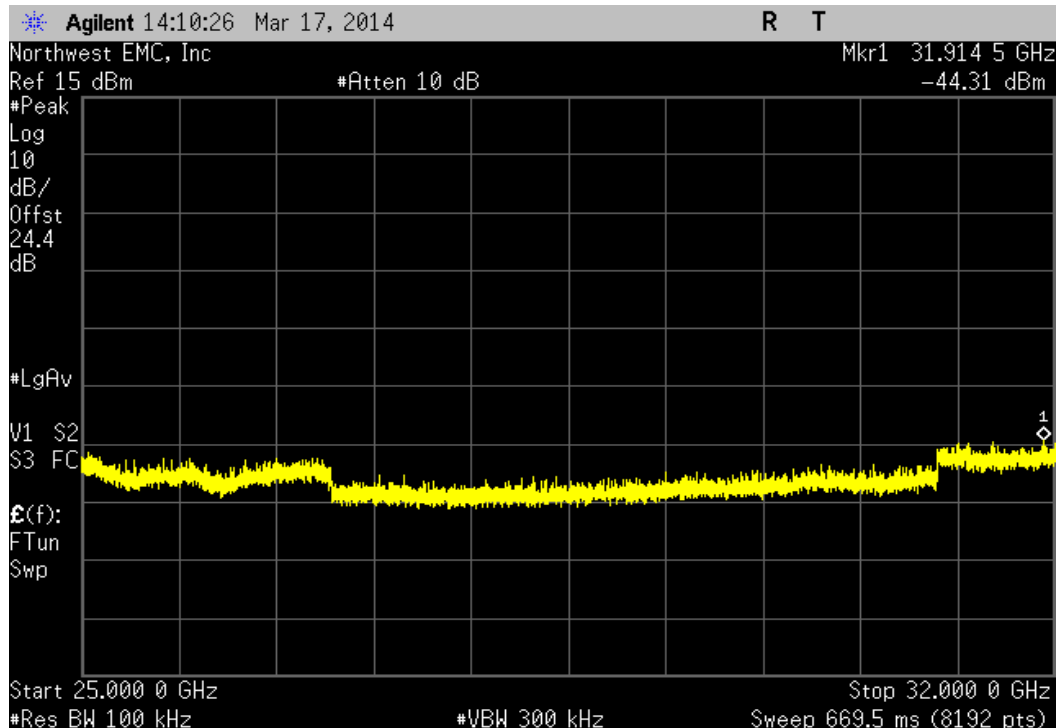
Result

25 GHz - 32 GHz

-45.95 dBc

≤ -20 dBc

Pass



IEEE 802.11(ac), 20 MHz, 5725 MHz - 5850 MHz Band, VHT, MCS0, Low Channel 149, 5745 MHz

Frequency

Range

Value

Limit

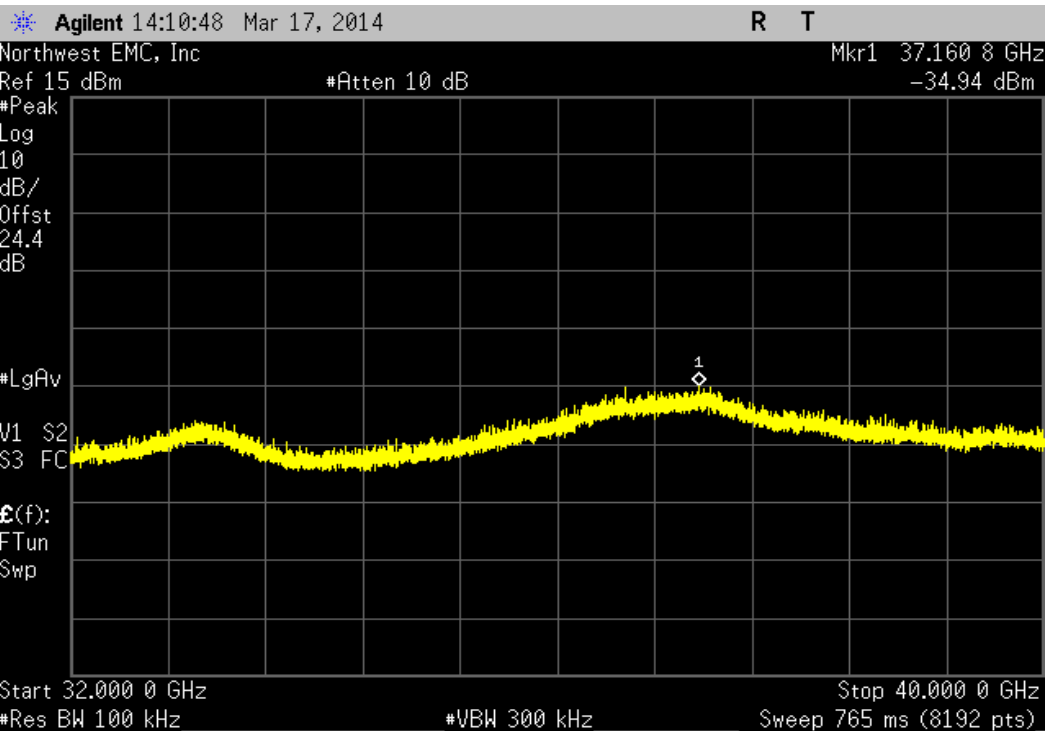
Result

32 GHz - 40 GHz

-36.57 dBc

≤ -20 dBc

Pass



IEEE 802.11(ac), 20 MHz, 5725 MHz - 5850 MHz Band, VHT, MCS0, Mid Channel 157, 5785 MHz

Frequency

Range

Value

Limit

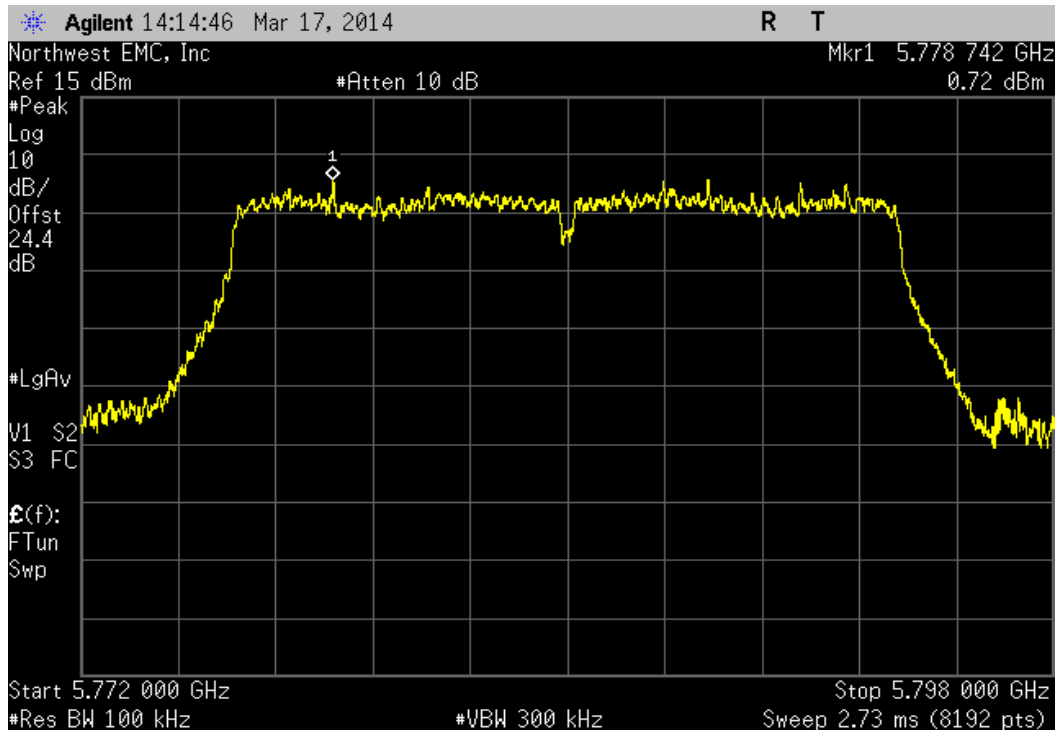
Result

Fundamental

N/A

N/A

N/A



IEEE 802.11(ac), 20 MHz, 5725 MHz - 5850 MHz Band, VHT, MCS0, Mid Channel 157, 5785 MHz

Frequency

Range

Value

Limit

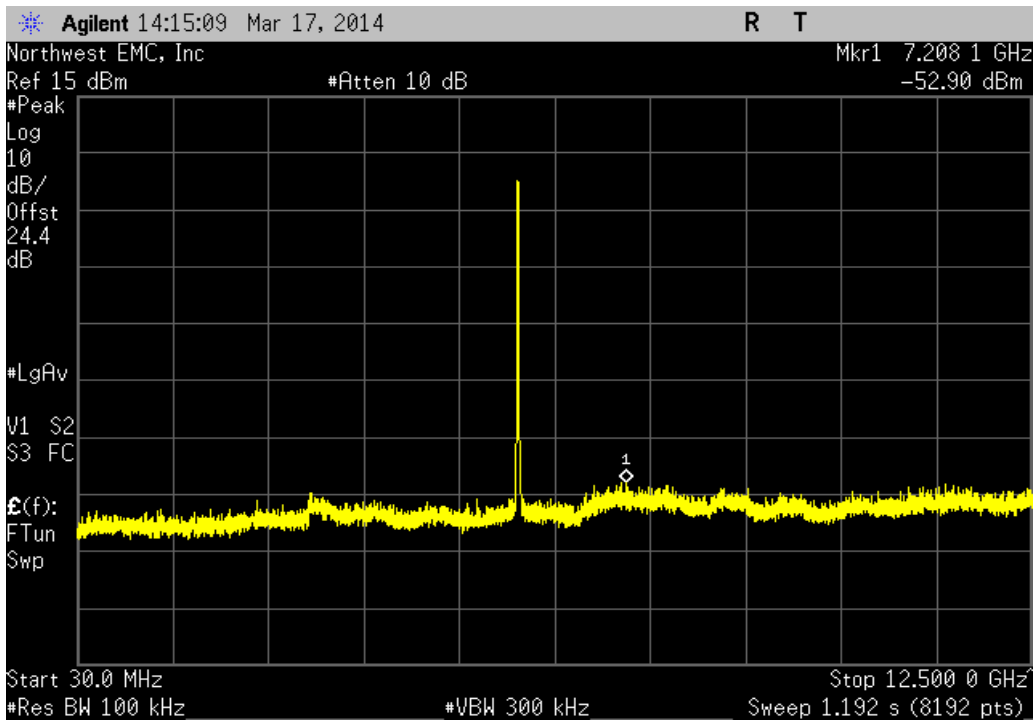
Result

30 MHz - 12.5 GHz

-53.63 dBc

≤ -20 dBc

Pass



IEEE 802.11(ac), 20 MHz, 5725 MHz - 5850 MHz Band, VHT, MCS0, Mid Channel 157, 5785 MHz

Frequency

Range

Value

Limit

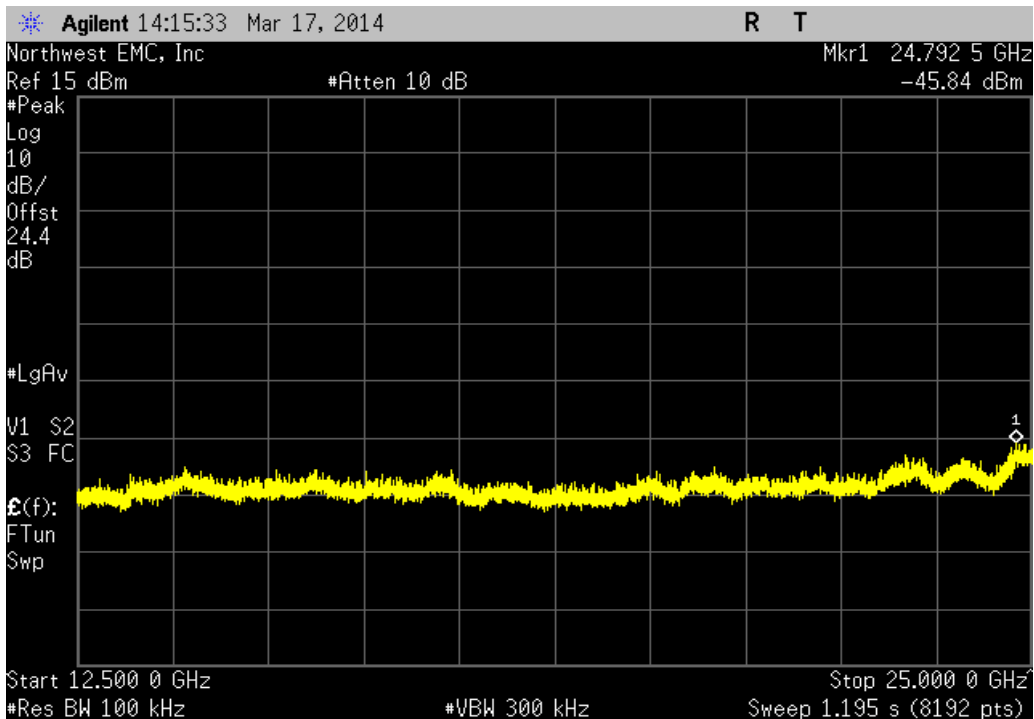
Result

12.5 GHz - 25 GHz

-46.56 dBc

≤ -20 dBc

Pass



IEEE 802.11(ac), 20 MHz, 5725 MHz - 5850 MHz Band, VHT, MCS0, Mid Channel 157, 5785 MHz

Frequency

Range

Value

Limit

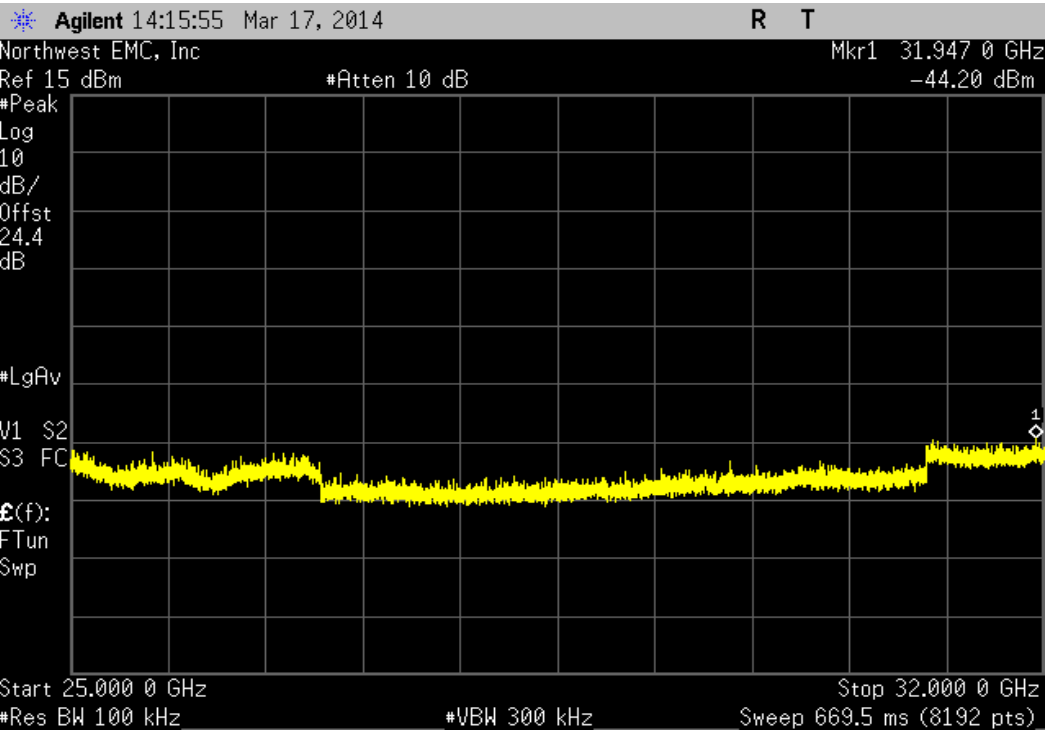
Result

25 GHz - 32 GHz

-44.92 dBc

≤ -20 dBc

Pass



IEEE 802.11(ac), 20 MHz, 5725 MHz - 5850 MHz Band, VHT, MCS0, Mid Channel 157, 5785 MHz

Frequency

Range

Value

Limit

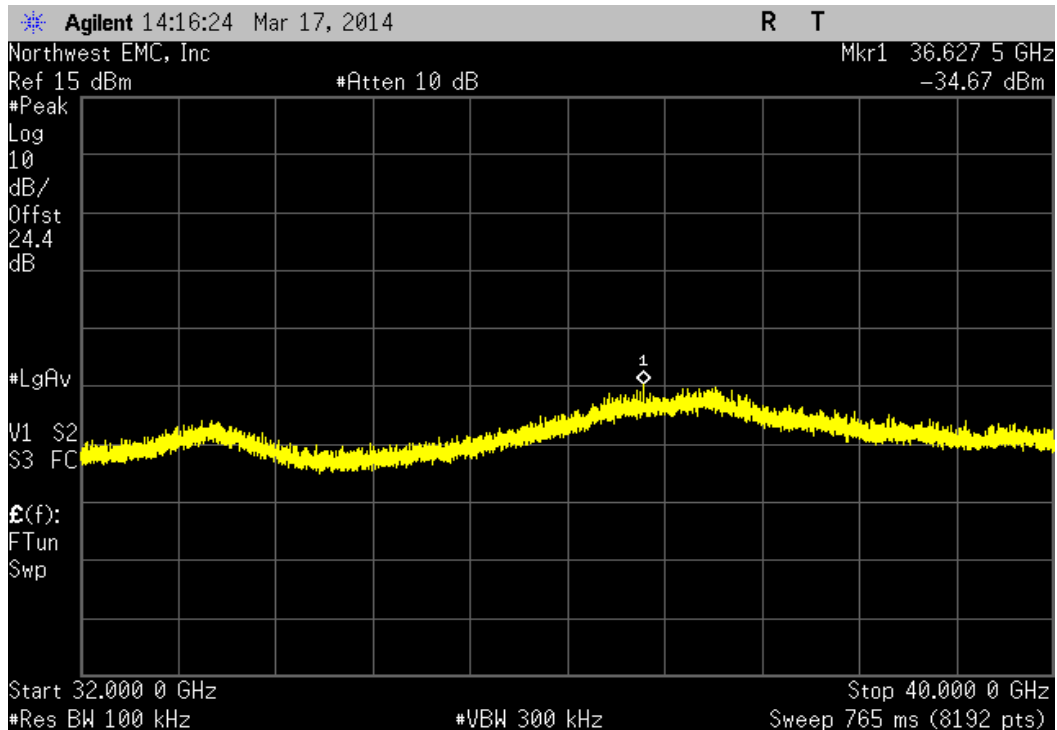
Result

32 GHz - 40 GHz

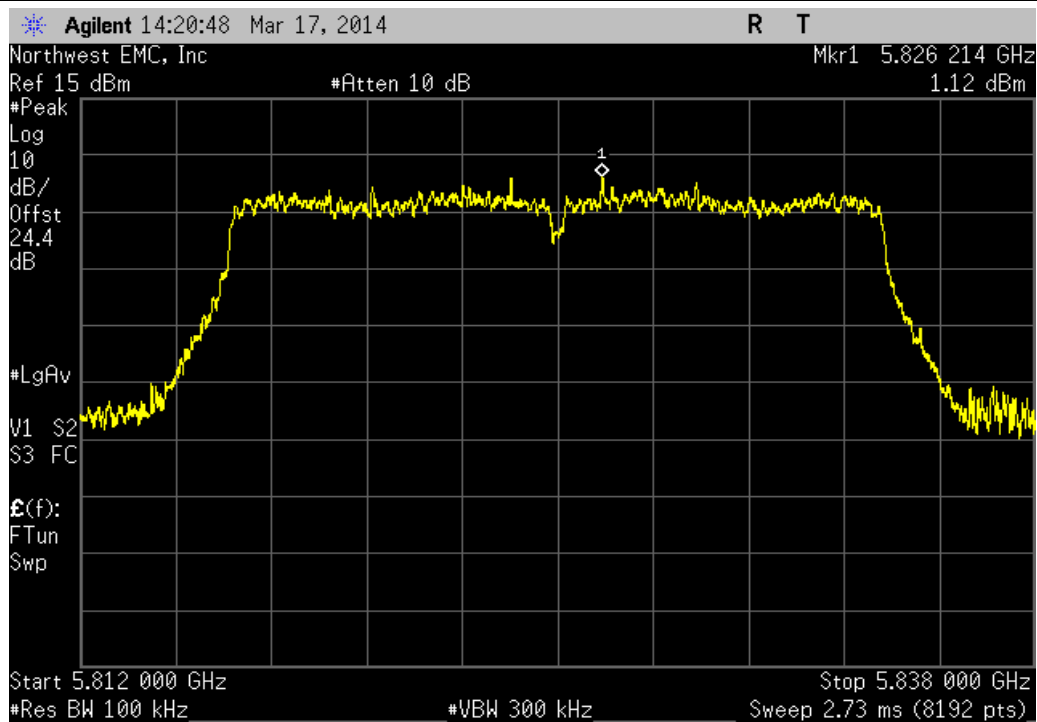
-35.39 dBc

≤ -20 dBc

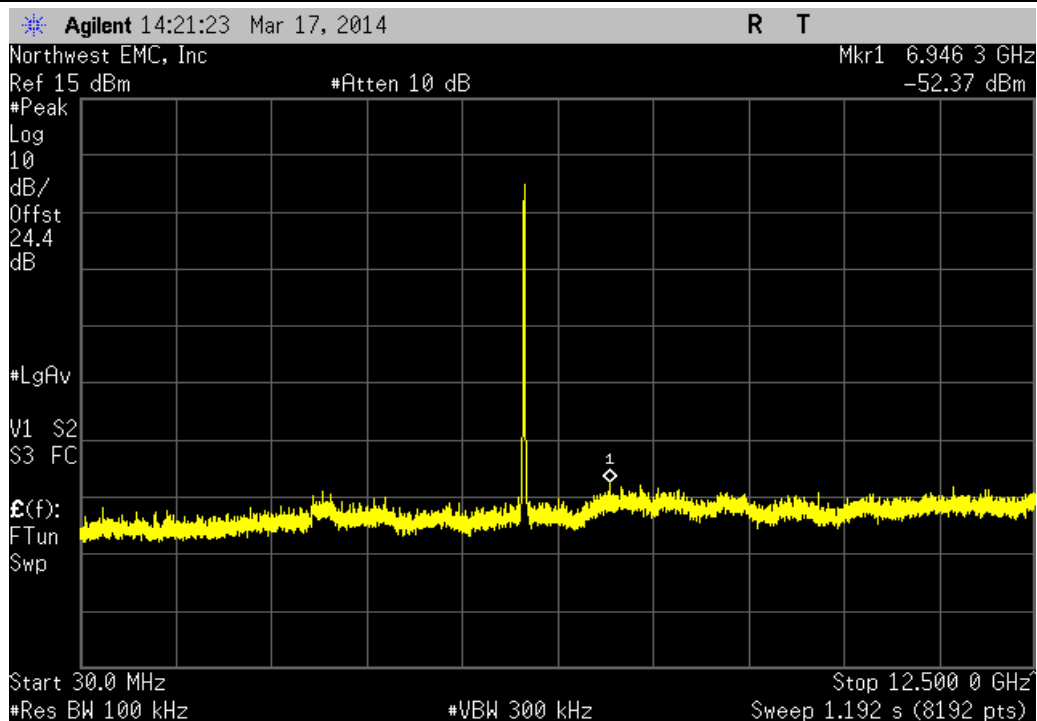
Pass



IEEE 802.11(ac), 20 MHz, 5725 MHz - 5850 MHz Band, VHT, MCS0, High Channel 165, 5825 MHz				
Frequency Range		Value	Limit	Result
Fundamental		N/A	N/A	N/A



IEEE 802.11(ac), 20 MHz, 5725 MHz - 5850 MHz Band, VHT, MCS0, High Channel 165, 5825 MHz				
Frequency Range		Value	Limit	Result
30 MHz - 12.5 GHz		-53.49 dBc	≤ -20 dBc	Pass



IEEE 802.11(ac), 20 MHz, 5725 MHz - 5850 MHz Band, VHT, MCS0, High Channel 165, 5825 MHz

Frequency

Range

Value

Limit

Result

12.5 GHz - 25 GHz

-47.1 dBc

≤ -20 dBc

Pass

Agilent 14:21:46 Mar 17, 2014

R T

Northwest EMC, Inc

Mkr1 24.861 1 GHz

Ref 15 dBm

#Atten 10 dB

-45.98 dBm

#Peak

Log

10

dB/

Offst

24.4

dB

#LgRv

V1 S2

S3 FC

£(f):

FTun

Swp

Start 12.500 0 GHz

Stop 25.000 0 GHz

#Res BW 100 kHz

#VBW 300 kHz

Sweep 1.195 s (8192 pts)

IEEE 802.11(ac), 20 MHz, 5725 MHz - 5850 MHz Band, VHT, MCS0, High Channel 165, 5825 MHz

Frequency

Range

Value

Limit

Result

25 GHz - 32 GHz

-45.85 dBc

≤ -20 dBc

Pass

Agilent 14:22:08 Mar 17, 2014

R T

Northwest EMC, Inc

Mkr1 31.721 4 GHz

Ref 15 dBm

#Atten 10 dB

-44.73 dBm

#Peak

Log

10

dB/

Offst

24.4

dB

#LgRv

V1 S2

S3 FC

£(f):

FTun

Swp

Start 25.000 0 GHz

Stop 32.000 0 GHz

#Res BW 100 kHz

#VBW 300 kHz

Sweep 669.5 ms (8192 pts)

IEEE 802.11(ac), 20 MHz, 5725 MHz - 5850 MHz Band, VHT, MCS0, High Channel 165, 5825 MHz

Frequency

Range

Value

Limit

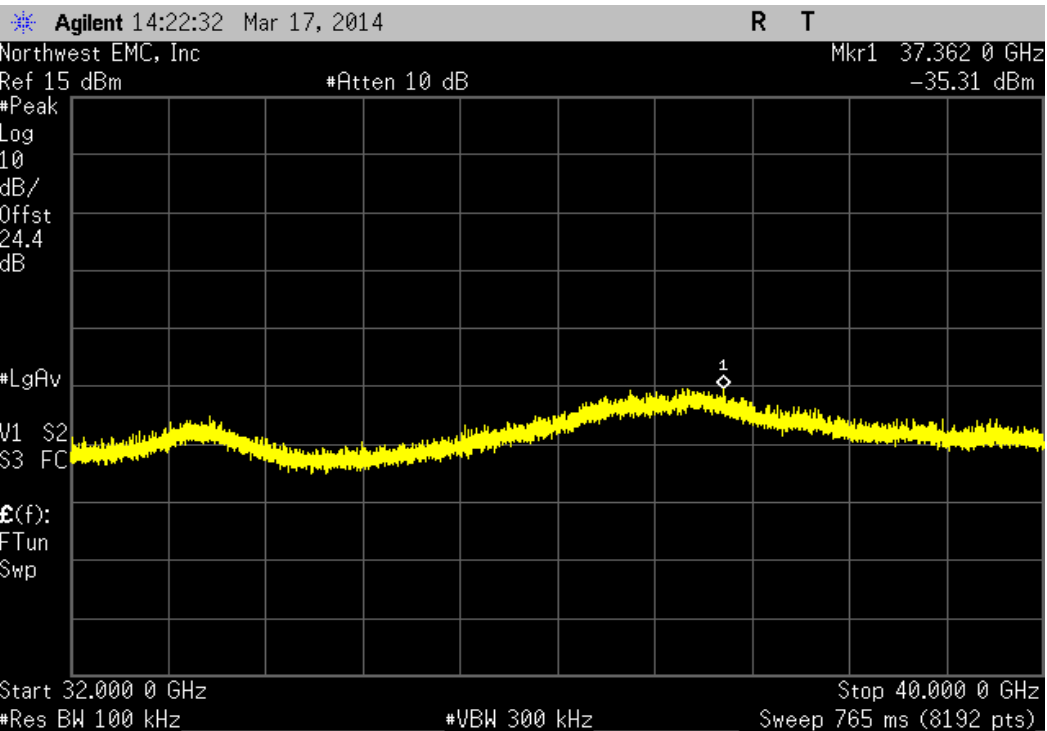
Result

32 GHz - 40 GHz

-36.43 dBc

≤ -20 dBc

Pass



IEEE 802.11(ac), 20 MHz, 5725 MHz - 5850 MHz Band, VHT, MCS8, Low Channel 149, 5745 MHz

Frequency

Range

Value

Limit

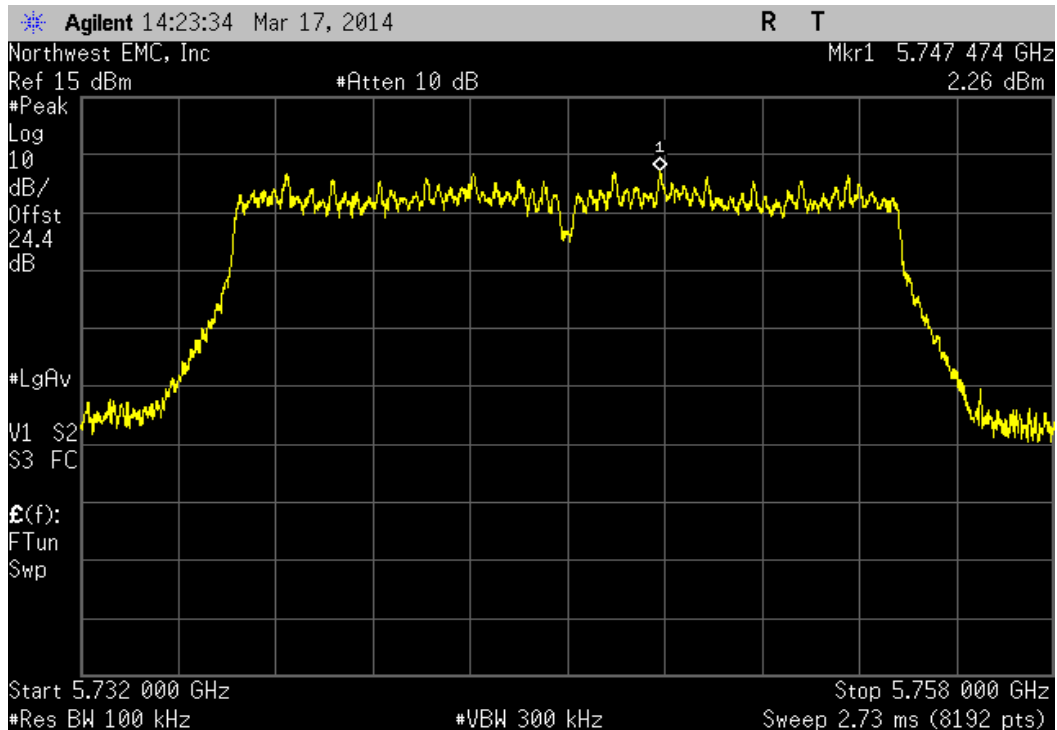
Result

Fundamental

N/A

N/A

N/A



IEEE 802.11(ac), 20 MHz, 5725 MHz - 5850 MHz Band, VHT, MCS8, Low Channel 149, 5745 MHz

Frequency
Range

Value

Limit

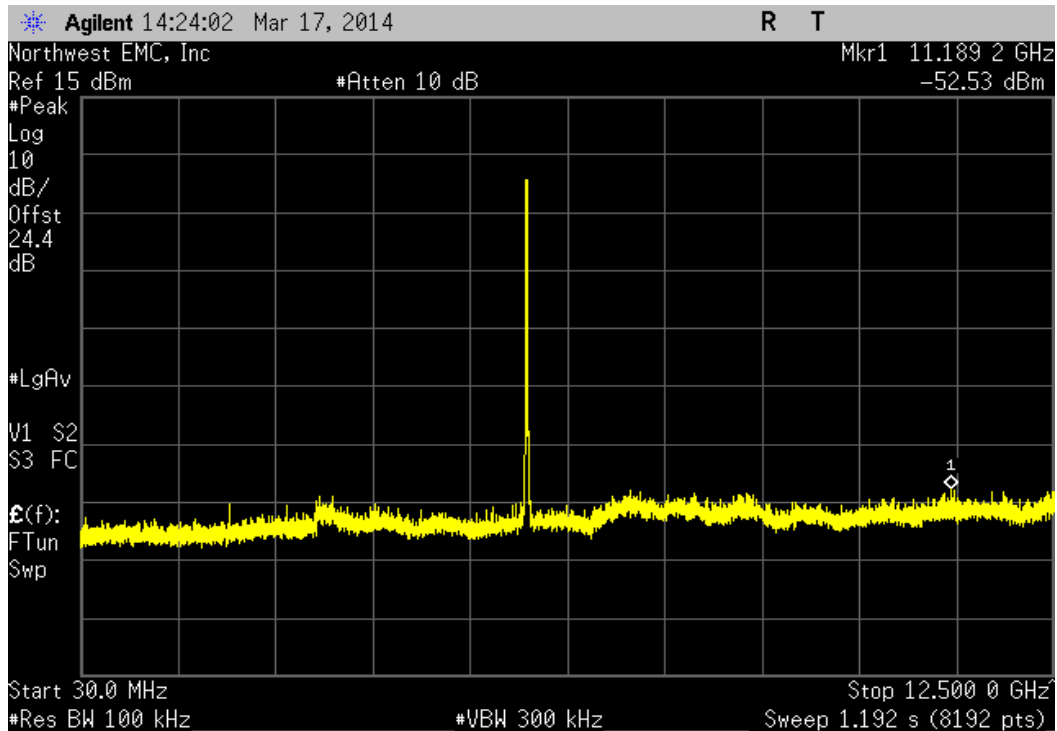
Result

30 MHz - 12.5 GHz

-54.79 dBc

≤ -20 dBc

Pass



IEEE 802.11(ac), 20 MHz, 5725 MHz - 5850 MHz Band, VHT, MCS8, Low Channel 149, 5745 MHz

Frequency
Range

Value

Limit

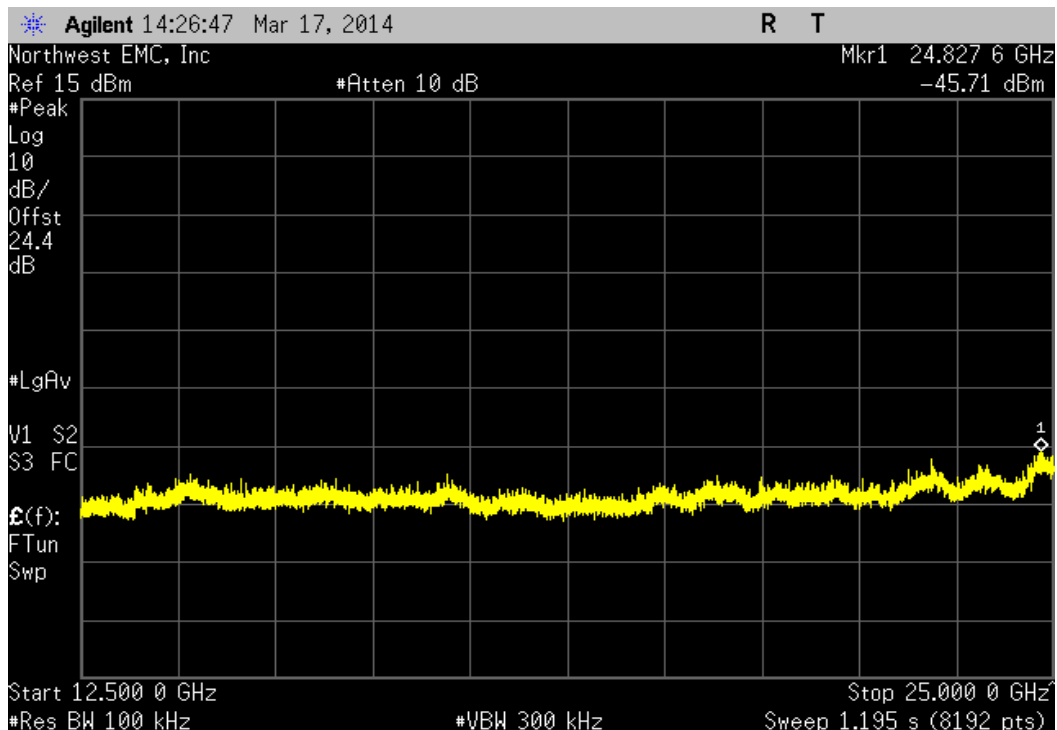
Result

12.5 GHz - 25 GHz

-47.97 dBc

≤ -20 dBc

Pass



IEEE 802.11(ac), 20 MHz, 5725 MHz - 5850 MHz Band, VHT, MCS8, Low Channel 149, 5745 MHz

Frequency

Range

Value

Limit

Result

25 GHz - 32 GHz

-46.69 dBc

≤ -20 dBc

Pass

Agilent 14:27:10 Mar 17, 2014

R T

Northwest EMC, Inc

Mkr1 31.903 4 GHz

Ref 15 dBm

#Atten 10 dB

-44.43 dBm

#Peak

Log

10

dB/

Offst

24.4

dB

#LgRv

V1 S2

S3 FC

£(f):

FTun

Swp

Start 25.000 0 GHz

Stop 32.000 0 GHz

#Res BW 100 kHz

#VBW 300 kHz

Sweep 669.5 ms (8192 pts)

IEEE 802.11(ac), 20 MHz, 5725 MHz - 5850 MHz Band, VHT, MCS8, Low Channel 149, 5745 MHz

Frequency

Range

Value

Limit

Result

32 GHz - 40 GHz

-36.81 dBc

≤ -20 dBc

Pass

Agilent 14:27:33 Mar 17, 2014

R T

Northwest EMC, Inc

Mkr1 36.930 3 GHz

Ref 15 dBm

#Atten 10 dB

-34.54 dBm

#Peak

Log

10

dB/

Offst

24.4

dB

#LgRv

V1 S2

S3 FC

£(f):

FTun

Swp

Start 32.000 0 GHz

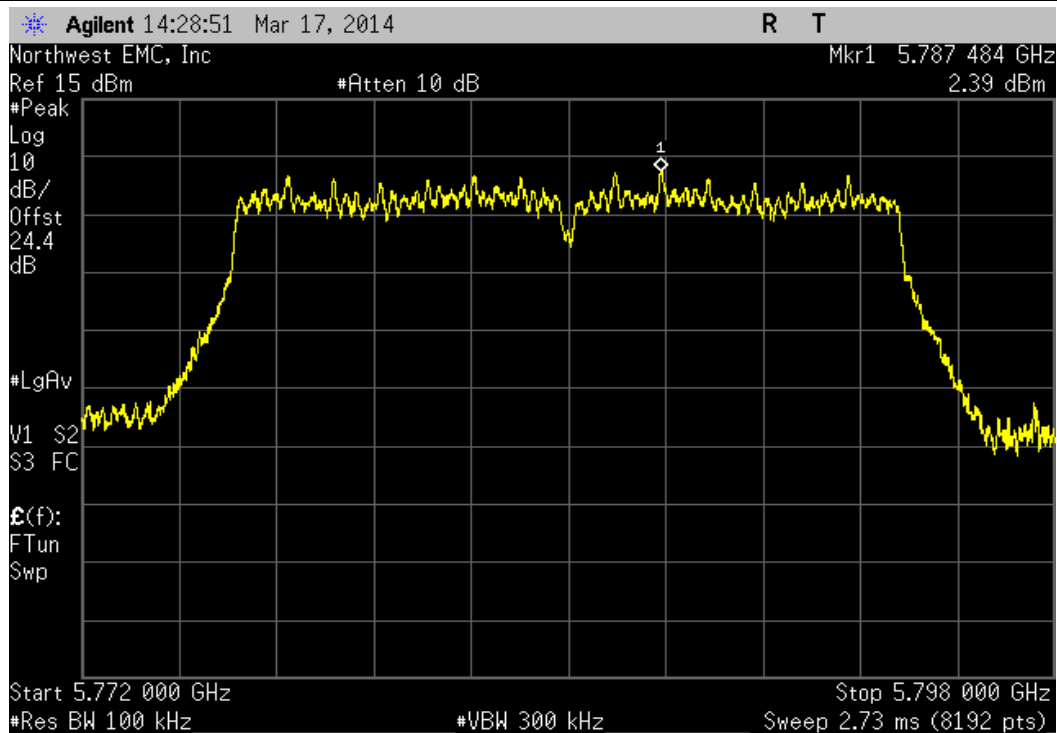
Stop 40.000 0 GHz

#Res BW 100 kHz

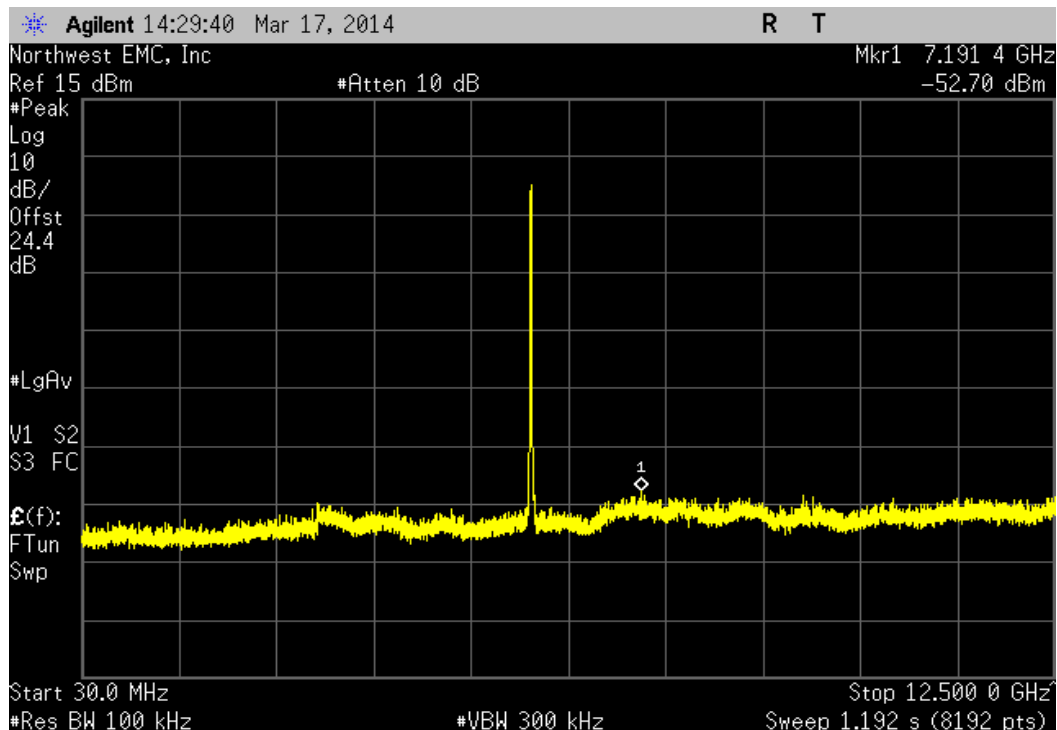
#VBW 300 kHz

Sweep 765 ms (8192 pts)

IEEE 802.11(ac), 20 MHz, 5725 MHz - 5850 MHz Band, VHT, MCS8, Mid Channel 157, 5785 MHz						
Frequency Range				Value	Limit	Result
	Fundamental			N/A	N/A	N/A

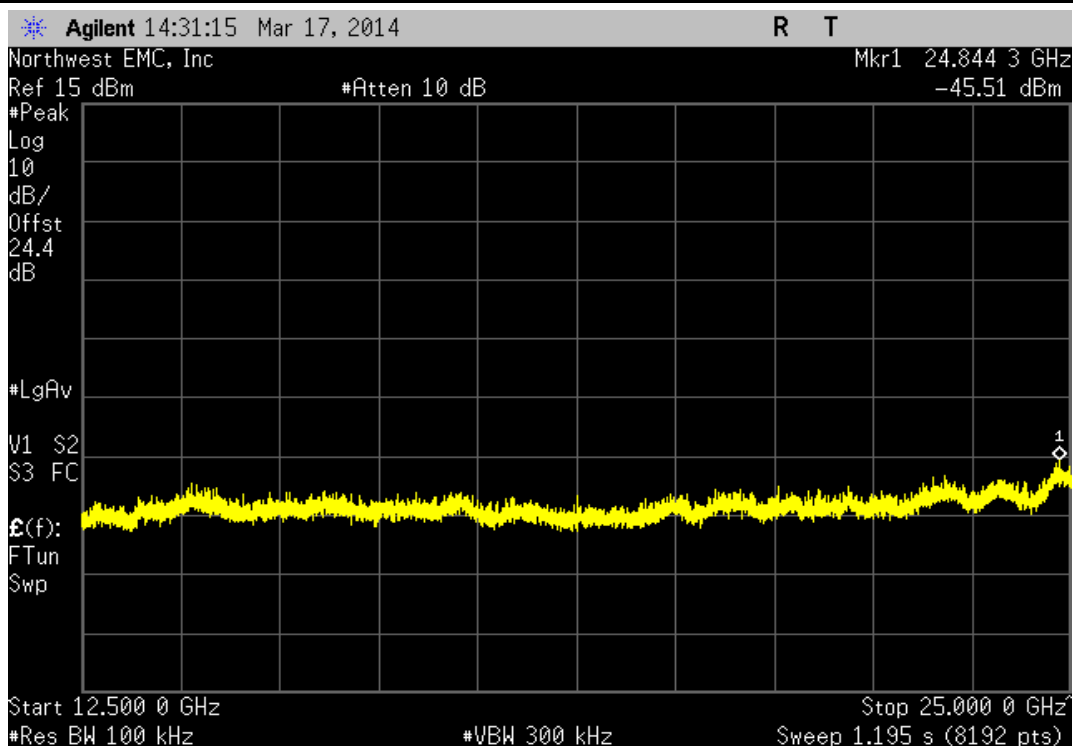


IEEE 802.11(ac), 20 MHz, 5725 MHz - 5850 MHz Band, VHT, MCS8, Mid Channel 157, 5785 MHz						
Frequency Range				Value	Limit	Result
	30 MHz - 12.5 GHz			-55.09 dBc	≤ -20 dBc	Pass



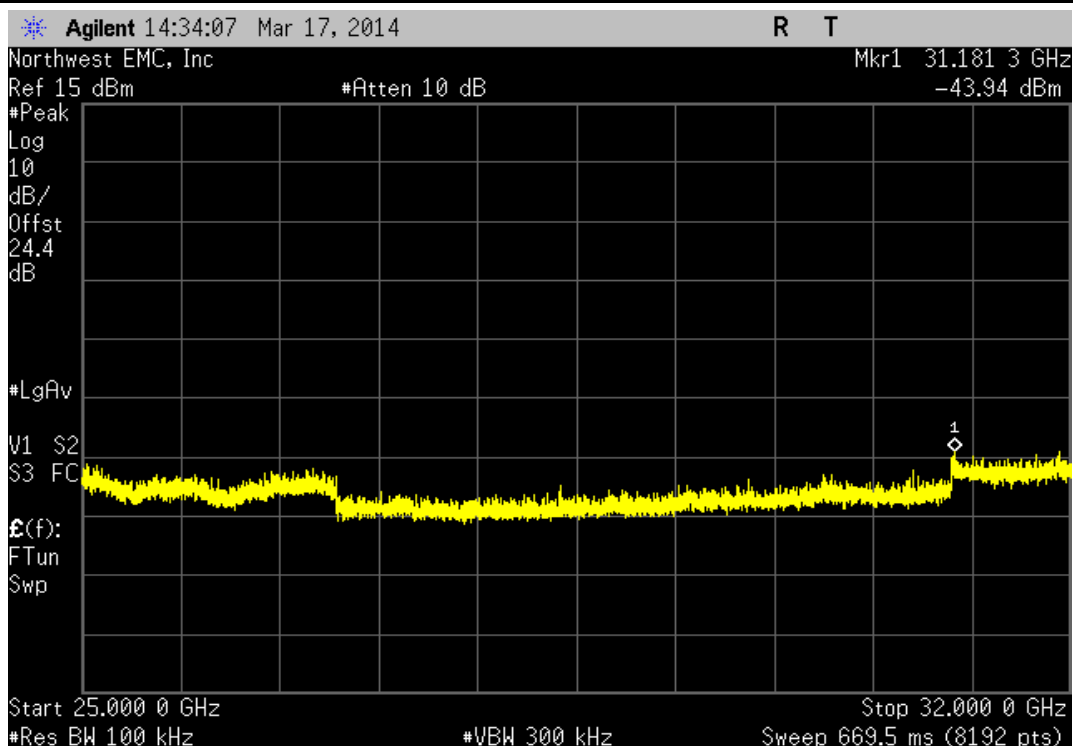
IEEE 802.11(ac), 20 MHz, 5725 MHz - 5850 MHz Band, VHT, MCS8, Mid Channel 157, 5785 MHz

Frequency Range	Value	Limit	Result
12.5 GHz - 25 GHz	-47.91 dBc	≤ -20 dBc	Pass



IEEE 802.11(ac), 20 MHz, 5725 MHz - 5850 MHz Band, VHT, MCS8, Mid Channel 157, 5785 MHz

Frequency Range	Value	Limit	Result
25 GHz - 32 GHz	-46.33 dBc	≤ -20 dBc	Pass



IEEE 802.11(ac), 20 MHz, 5725 MHz - 5850 MHz Band, VHT, MCS8, Mid Channel 157, 5785 MHz

Frequency

Range

Value

Limit

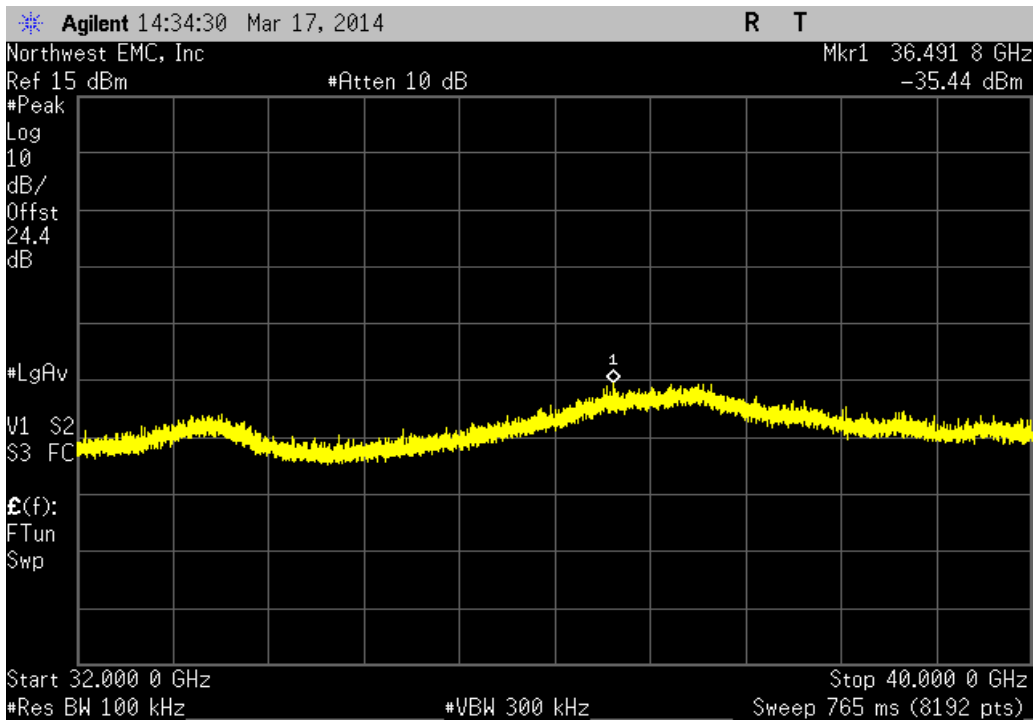
Result

32 GHz - 40 GHz

-37.83 dBc

≤ -20 dBc

Pass



IEEE 802.11(ac), 20 MHz, 5725 MHz - 5850 MHz Band, VHT, MCS8, High Channel 165, 5825 MHz

Frequency

Range

Value

Limit

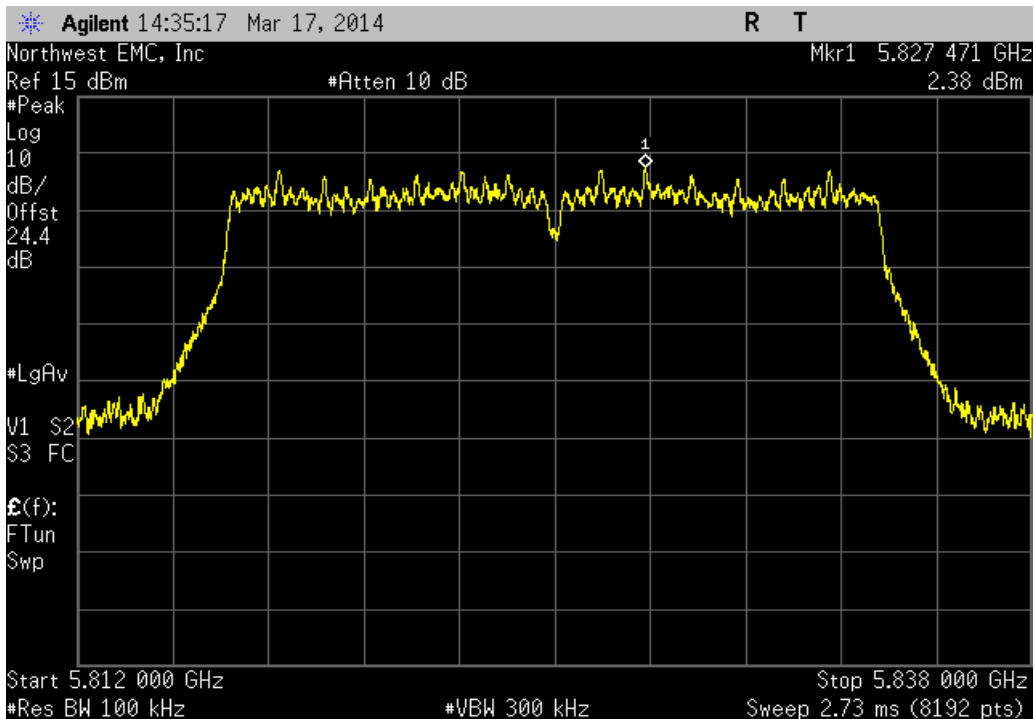
Result

Fundamental

N/A

N/A

N/A



IEEE 802.11(ac), 20 MHz, 5725 MHz - 5850 MHz Band, VHT, MCS8, High Channel 165, 5825 MHz

**Frequency
Range**

Value

Limit

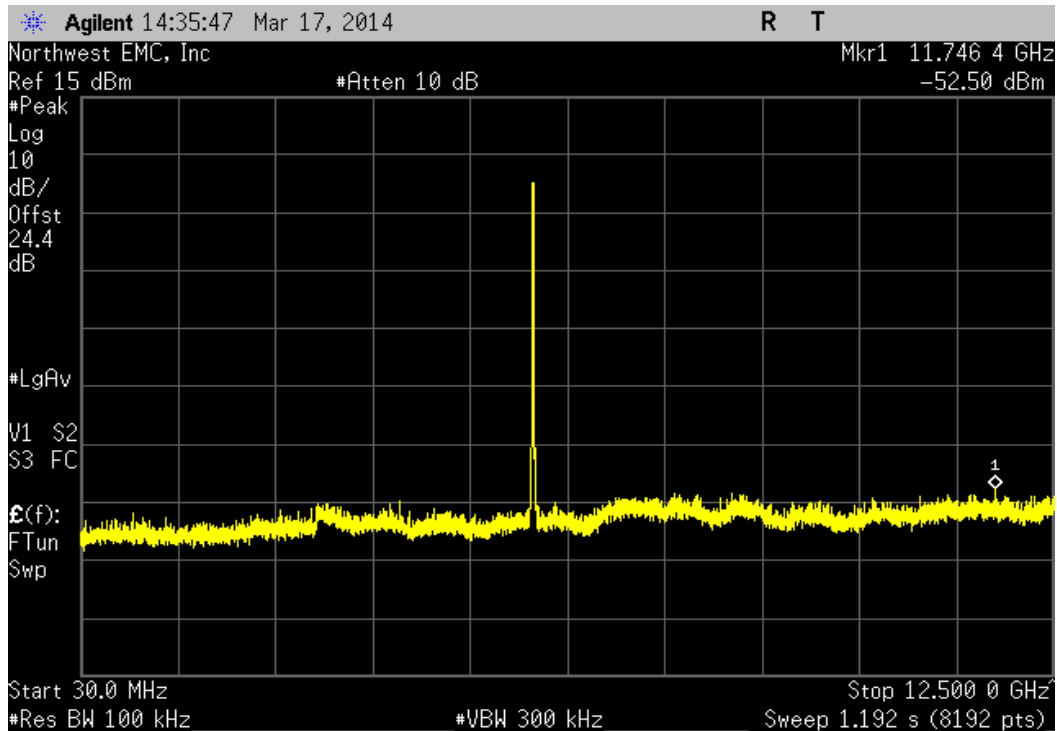
Result

30 MHz - 12.5 GHz

-54.88 dBc

≤ -20 dBc

Pass



IEEE 802.11(ac), 20 MHz, 5725 MHz - 5850 MHz Band, VHT, MCS8, High Channel 165, 5825 MHz

**Frequency
Range**

Value

Limit

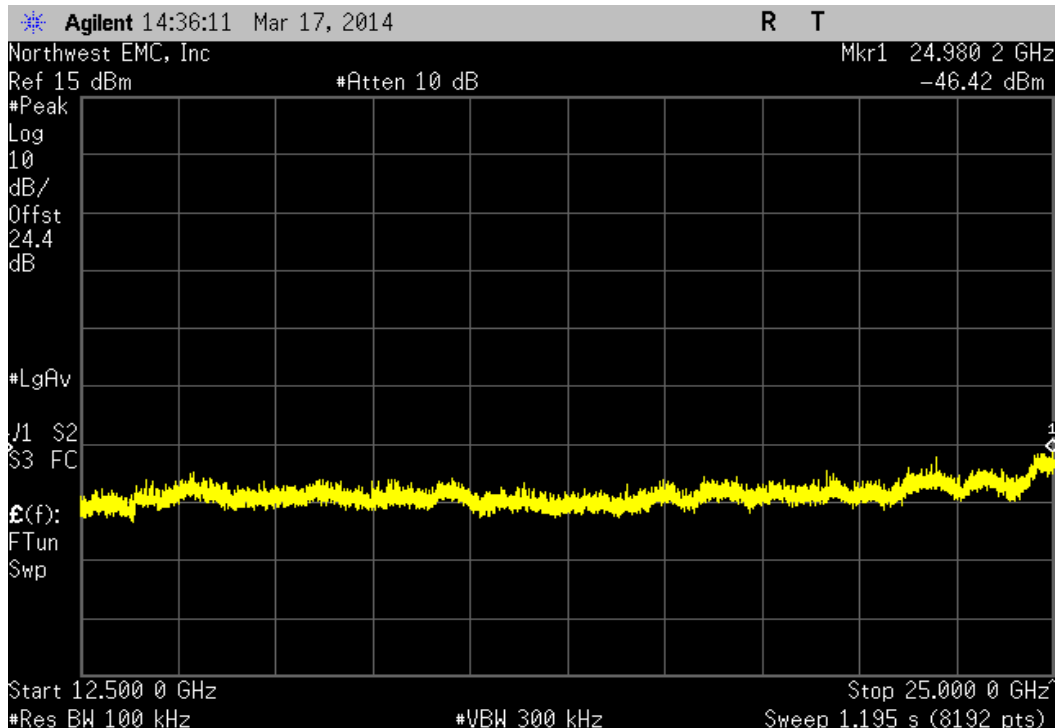
Result

12.5 GHz - 25 GHz

-48.8 dBc

≤ -20 dBc

Pass



IEEE 802.11(ac), 20 MHz, 5725 MHz - 5850 MHz Band, VHT, MCS8, High Channel 165, 5825 MHz

Frequency

Range

Value

Limit

Result

25 GHz - 32 GHz

-46.55 dBc

≤ -20 dBc

Pass

Agilent 14:36:36 Mar 17, 2014

R T

Northwest EMC, Inc

Mkr1 32.000 0 GHz

Ref 15 dBm

#Atten 10 dB

-44.17 dBm

#Peak

Log

10

dB/

Offst

24.4

dB

#LgRv

W1 S2

S3 FC

£(f):

FTun

Swp

Start 25.000 0 GHz

Stop 32.000 0 GHz

#Res BW 100 kHz

#VBW 300 kHz

Sweep 669.5 ms (8192 pts)

IEEE 802.11(ac), 20 MHz, 5725 MHz - 5850 MHz Band, VHT, MCS8, High Channel 165, 5825 MHz

Frequency

Range

Value

Limit

Result

32 GHz - 40 GHz

-36.95 dBc

≤ -20 dBc

Pass

Agilent 14:36:59 Mar 17, 2014

R T

Northwest EMC, Inc

Mkr1 37.242 8 GHz

Ref 15 dBm

#Atten 10 dB

-34.57 dBm

#Peak

Log

10

dB/

Offst

24.4

dB

#LgRv

V1 S2

S3 FC

£(f):

FTun

Swp

Start 32.000 0 GHz

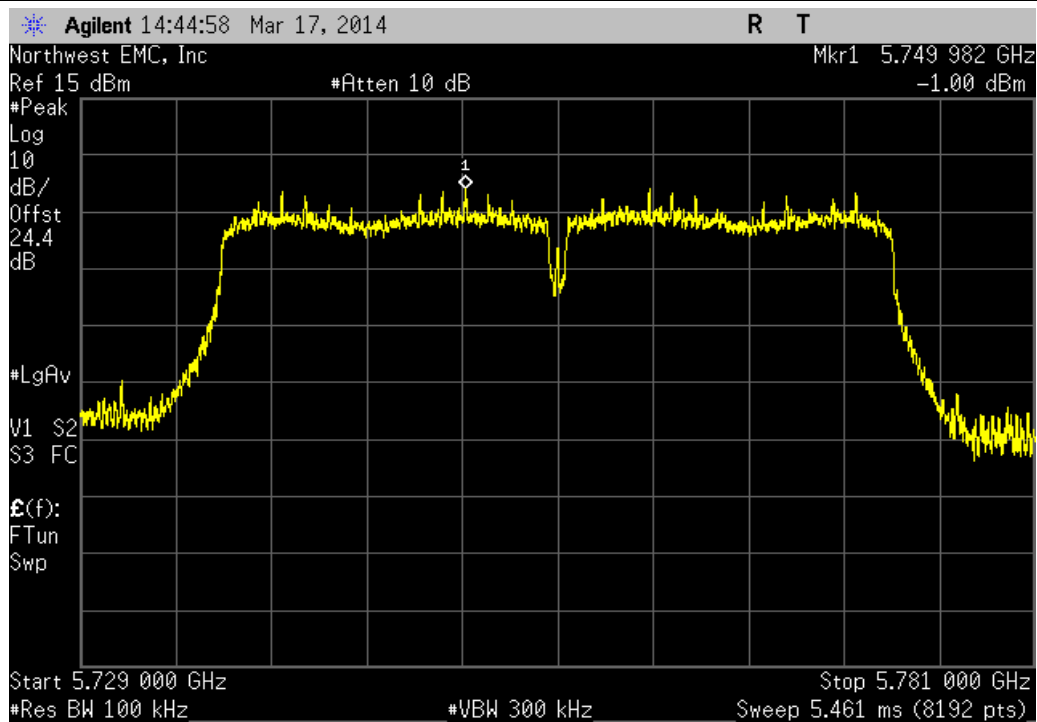
Stop 40.000 0 GHz

#Res BW 100 kHz

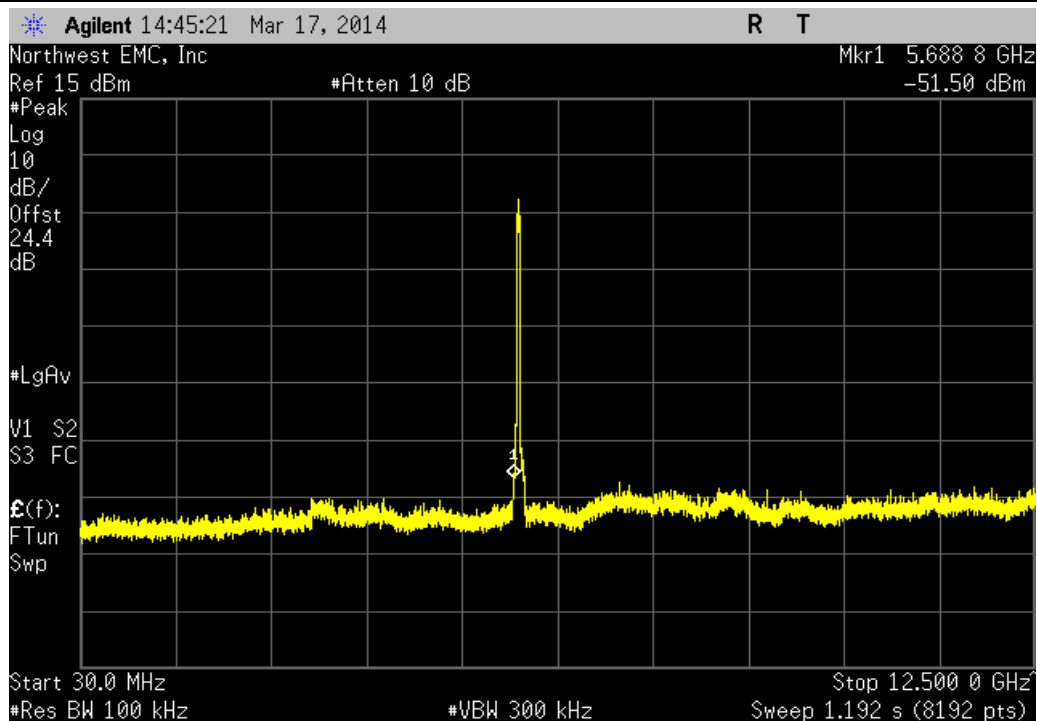
#VBW 300 kHz

Sweep 765 ms (8192 pts)

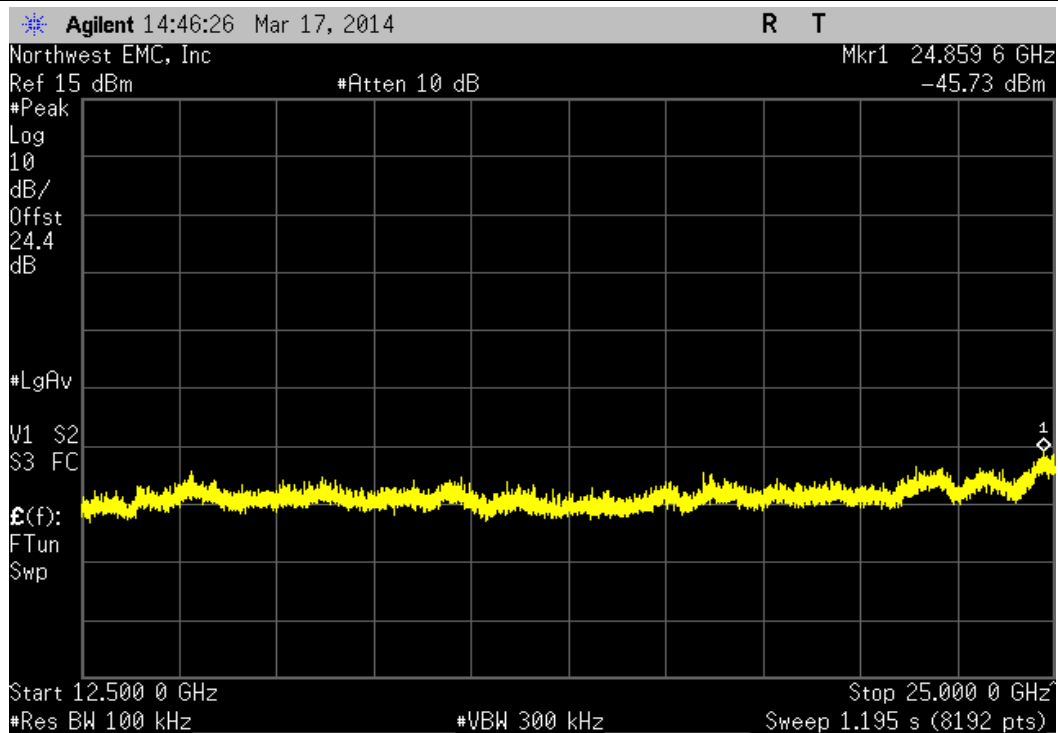
IEEE 802.11(ac), 40 MHz, 5725 MHz - 5850 MHz Band, VHT, MCS0, Low Channel 149/153, 5755 MHz				
Frequency Range		Value	Limit	Result
Fundamental		N/A	N/A	N/A



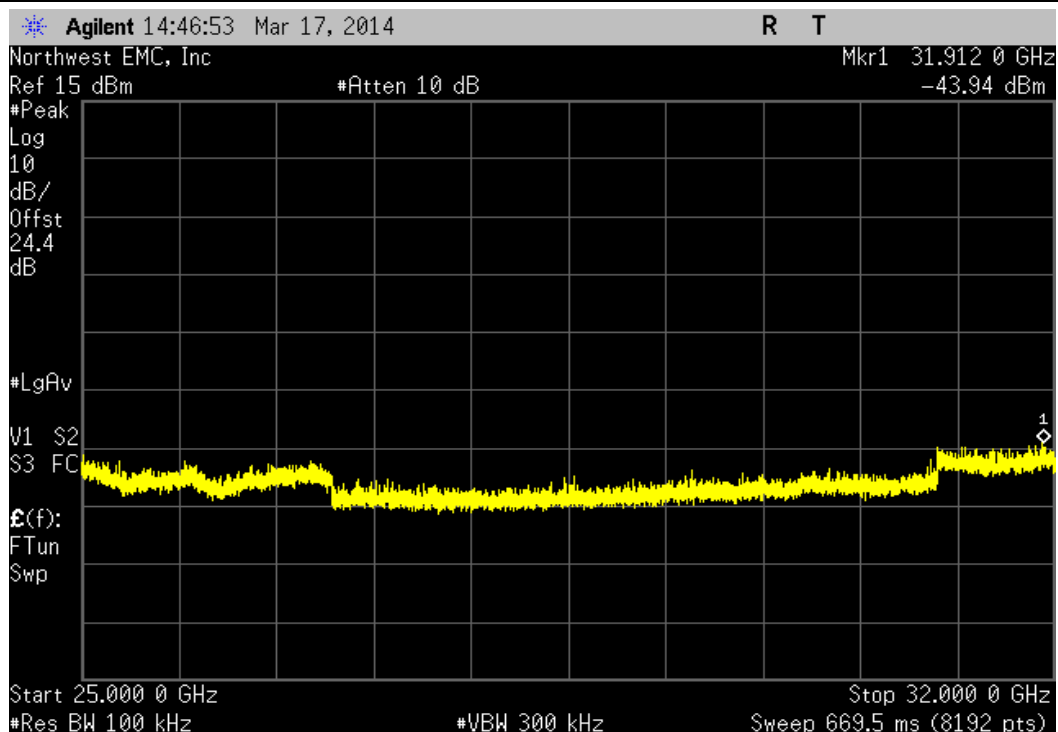
IEEE 802.11(ac), 40 MHz, 5725 MHz - 5850 MHz Band, VHT, MCS0, Low Channel 149/153, 5755 MHz				
Frequency Range		Value	Limit	Result
30 MHz - 12.5 GHz		-50.5 dBc	≤ -20 dBc	Pass



IEEE 802.11(ac), 40 MHz, 5725 MHz - 5850 MHz Band, VHT, MCS0, Low Channel 149/153, 5755 MHz				
Frequency Range	Value	Limit	Result	
12.5 GHz - 25 GHz	-44.73 dBc	≤ -20 dBc	Pass	

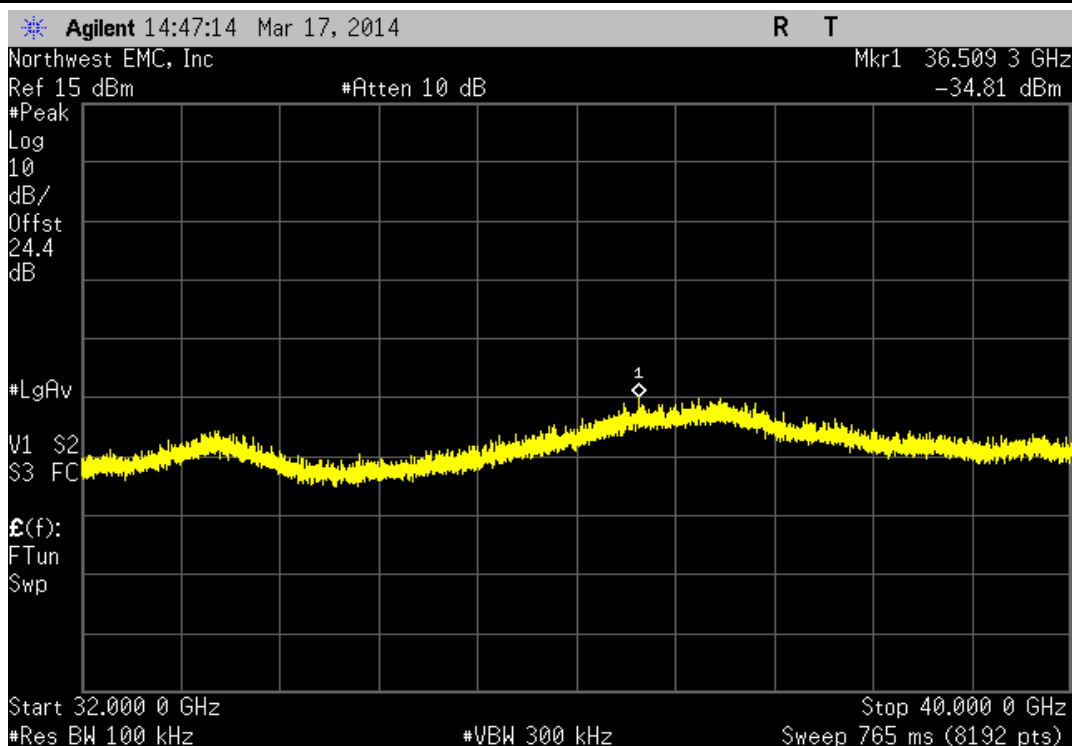


IEEE 802.11(ac), 40 MHz, 5725 MHz - 5850 MHz Band, VHT, MCS0, Low Channel 149/153, 5755 MHz				
Frequency Range	Value	Limit	Result	
25 GHz - 32 GHz	-42.94 dBc	≤ -20 dBc	Pass	



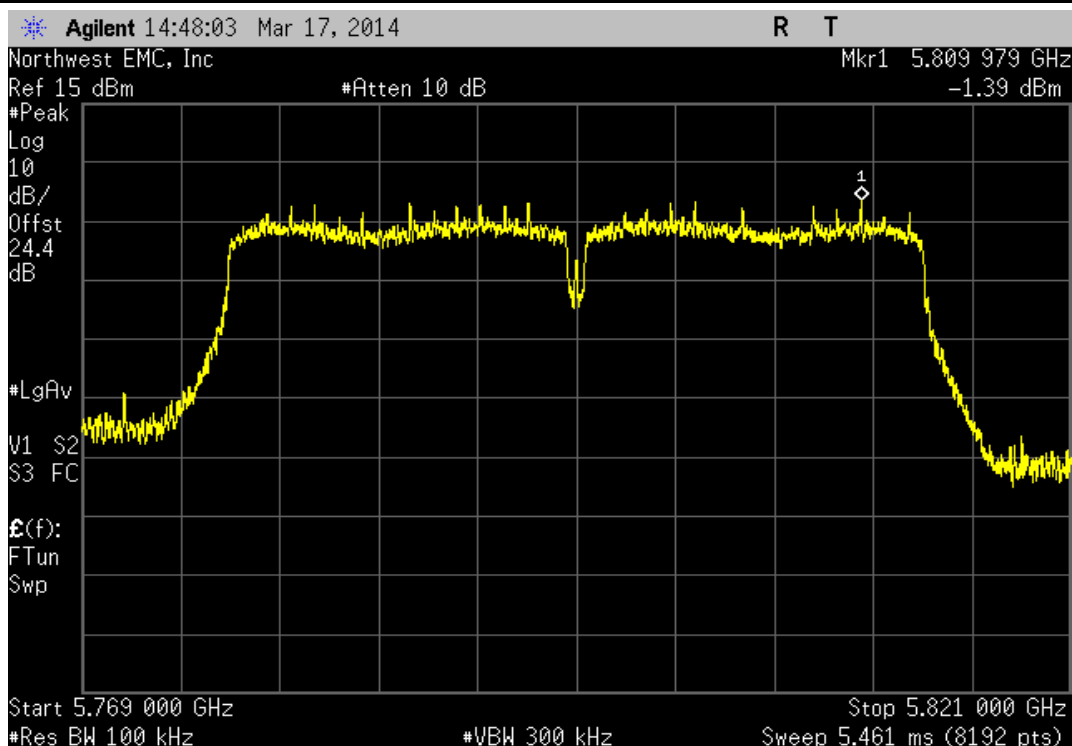
IEEE 802.11(ac), 40 MHz, 5725 MHz - 5850 MHz Band, VHT, MCS0, Low Channel 149/153, 5755 MHz

Frequency Range	Value	Limit	Result
32 GHz - 40 GHz	-33.81 dBc	≤ -20 dBc	Pass



IEEE 802.11(ac), 40 MHz, 5725 MHz - 5850 MHz Band, VHT, MCS0, High Channel 157/161, 5795 MHz

Frequency Range	Value	Limit	Result
Fundamental	N/A	N/A	N/A



IEEE 802.11(ac), 40 MHz, 5725 MHz - 5850 MHz Band, VHT, MCS0, High Channel 157/161, 5795 MHz

Frequency

Range

Value

Limit

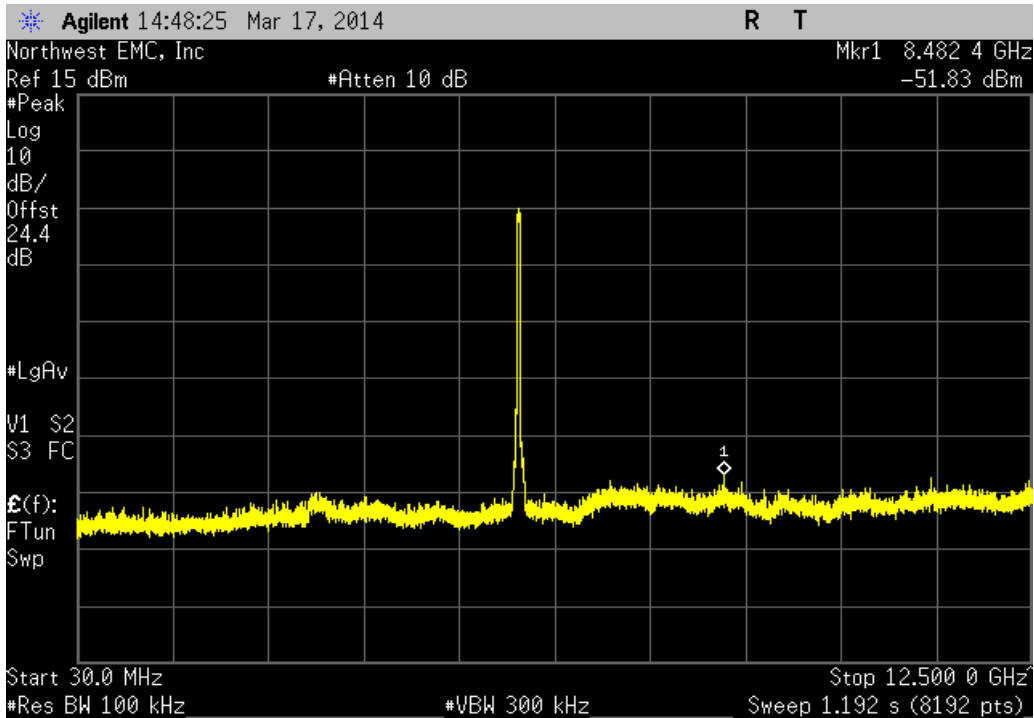
Result

30 MHz - 12.5 GHz

-50.44 dBc

≤ -20 dBc

Pass



IEEE 802.11(ac), 40 MHz, 5725 MHz - 5850 MHz Band, VHT, MCS0, High Channel 157/161, 5795 MHz

Frequency

Range

Value

Limit

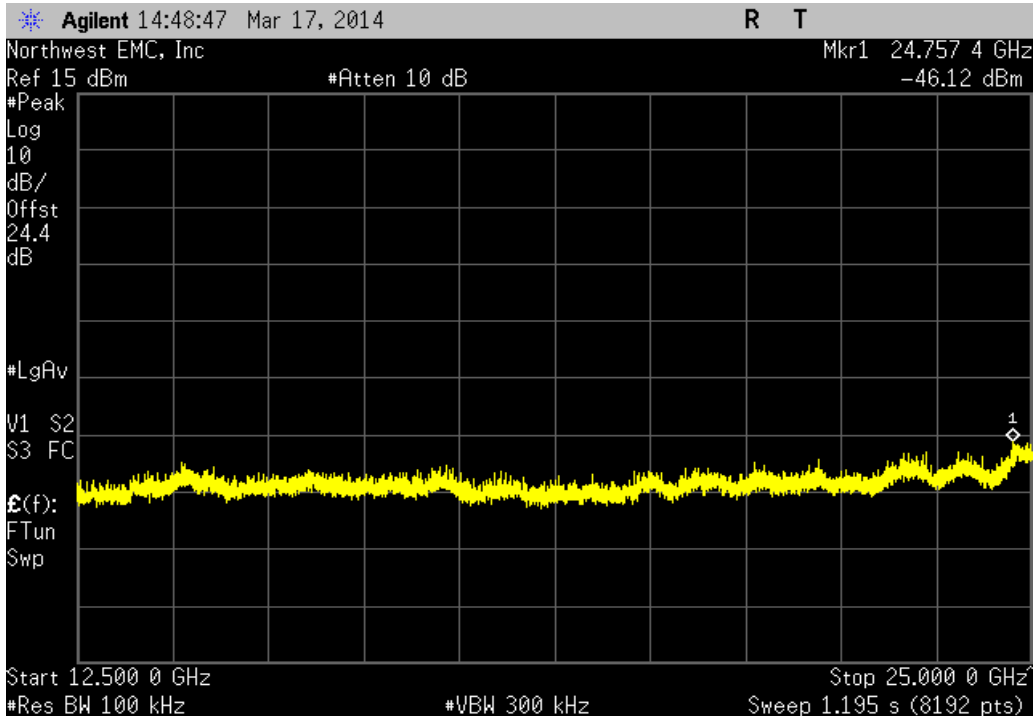
Result

12.5 GHz - 25 GHz

-44.73 dBc

≤ -20 dBc

Pass



IEEE 802.11(ac), 40 MHz, 5725 MHz - 5850 MHz Band, VHT, MCS0, High Channel 157/161, 5795 MHz

Frequency

Range

Value

Limit

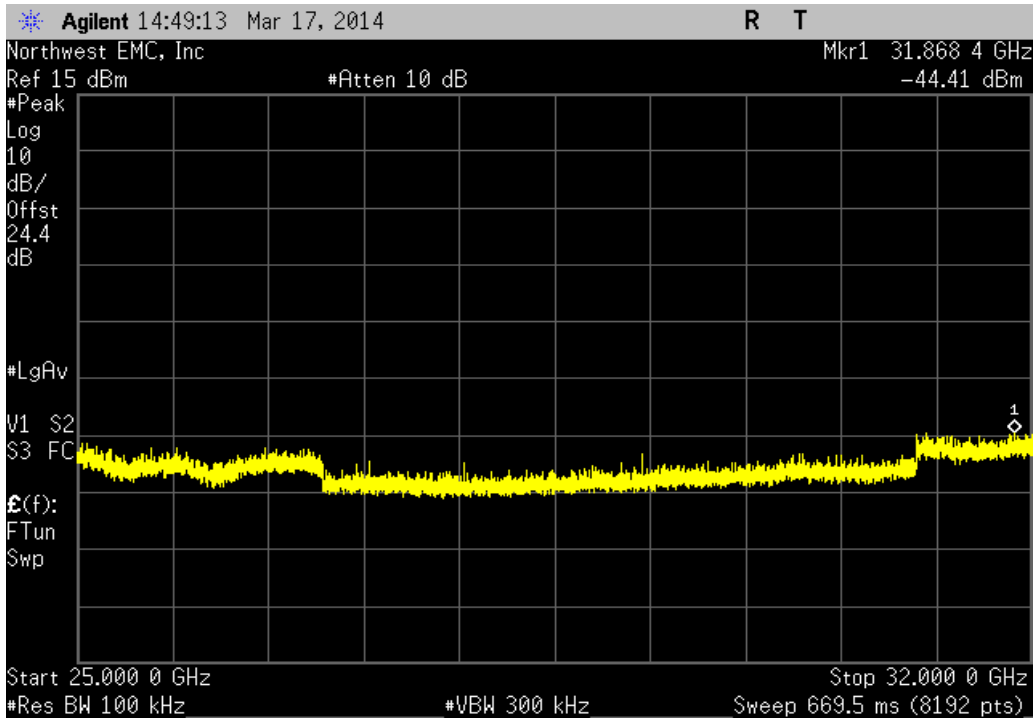
Result

25 GHz - 32 GHz

-43.02 dBc

≤ -20 dBc

Pass



IEEE 802.11(ac), 40 MHz, 5725 MHz - 5850 MHz Band, VHT, MCS0, High Channel 157/161, 5795 MHz

Frequency

Range

Value

Limit

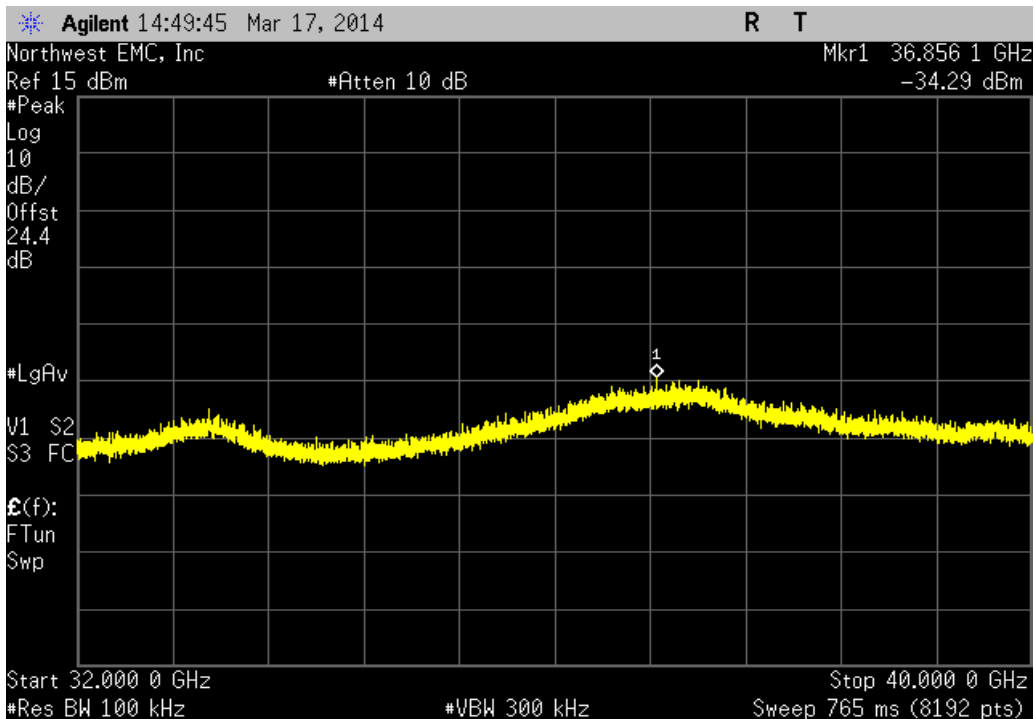
Result

32 GHz - 40 GHz

-32.9 dBc

≤ -20 dBc

Pass



IEEE 802.11(ac), 40 MHz, 5725 MHz - 5850 MHz Band, VHT, MCS9, Low Channel 149/153, 5755 MHz

Frequency

Range

Value

Limit

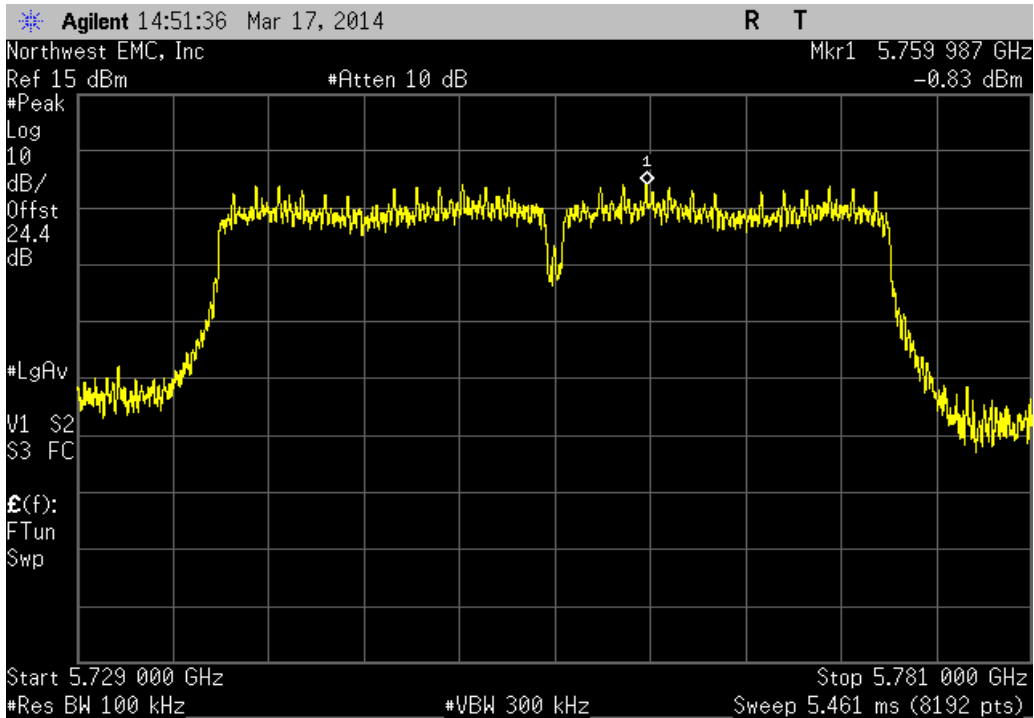
Result

Fundamental

N/A

N/A

N/A



IEEE 802.11(ac), 40 MHz, 5725 MHz - 5850 MHz Band, VHT, MCS9, Low Channel 149/153, 5755 MHz

Frequency

Range

Value

Limit

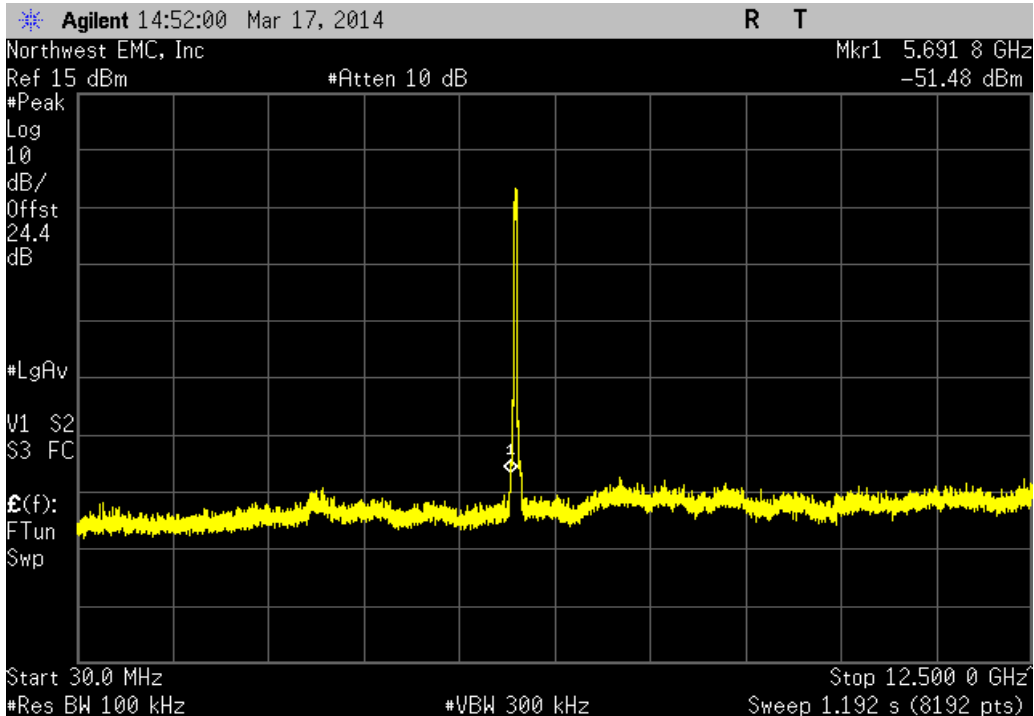
Result

30 MHz - 12.5 GHz

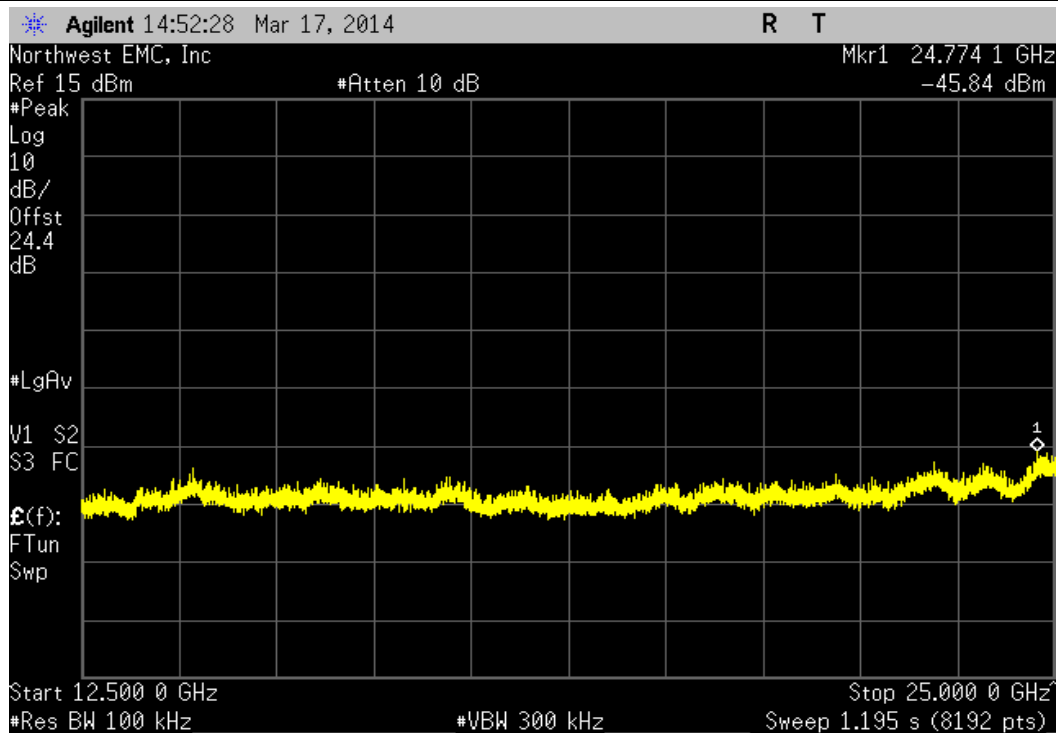
-50.65 dBc

≤ -20 dBc

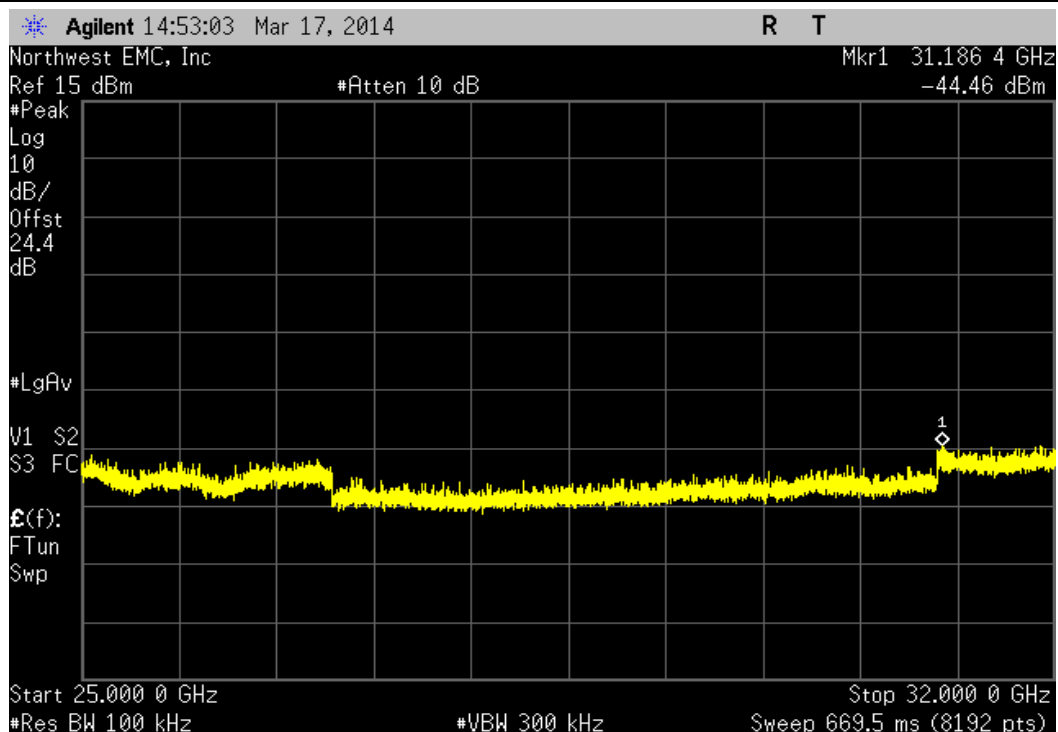
Pass



IEEE 802.11(ac), 40 MHz, 5725 MHz - 5850 MHz Band, VHT, MCS9, Low Channel 149/153, 5755 MHz				
Frequency Range	Value	Limit	Result	
12.5 GHz - 25 GHz	-45.01 dBc	≤ -20 dBc	Pass	



IEEE 802.11(ac), 40 MHz, 5725 MHz - 5850 MHz Band, VHT, MCS9, Low Channel 149/153, 5755 MHz				
Frequency Range	Value	Limit	Result	
25 GHz - 32 GHz	-43.63 dBc	≤ -20 dBc	Pass	



IEEE 802.11(ac), 40 MHz, 5725 MHz - 5850 MHz Band, VHT, MCS9, Low Channel 149/153, 5755 MHz

Frequency
Range

Value

Limit

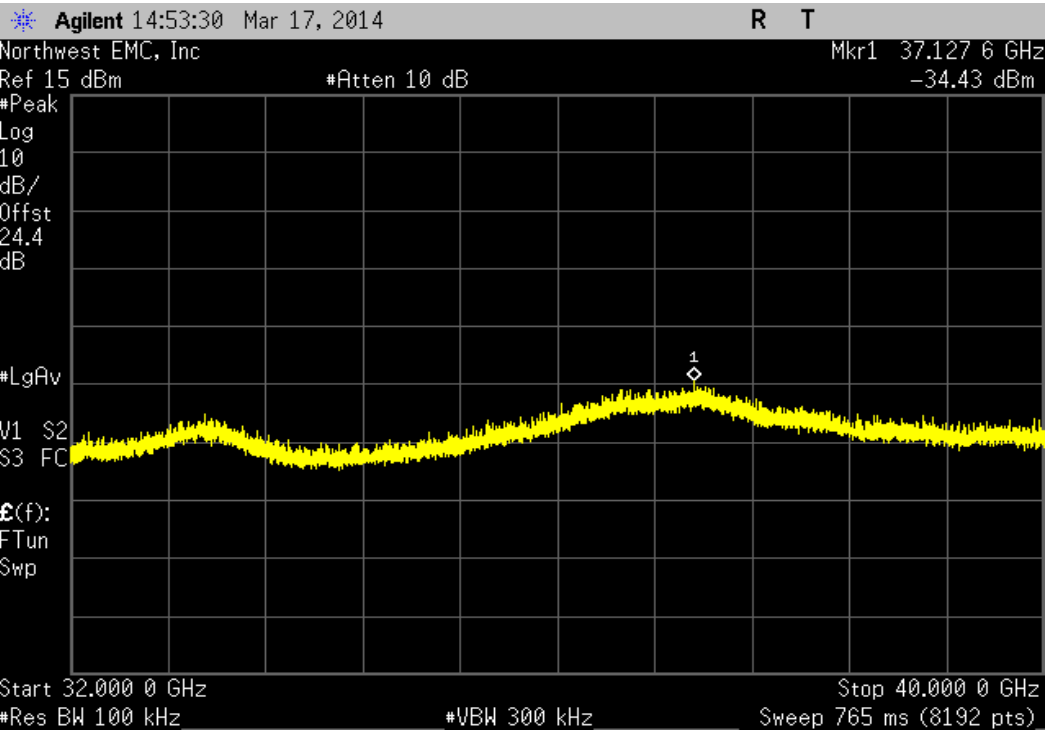
Result

32 GHz - 40 GHz

-33.6 dBc

≤ -20 dBc

Pass



IEEE 802.11(ac), 40 MHz, 5725 MHz - 5850 MHz Band, VHT, MCS9, High Channel 157/161, 5795 MHz

Frequency
Range

Value

Limit

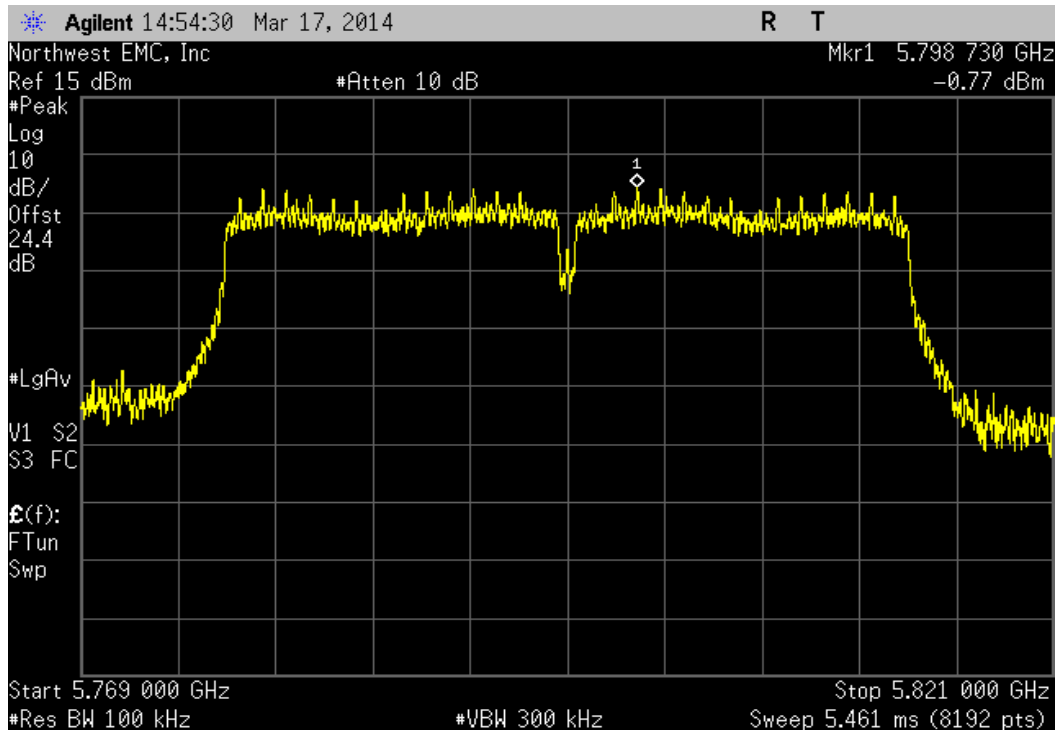
Result

Fundamental

N/A

N/A

N/A



IEEE 802.11(ac), 40 MHz, 5725 MHz - 5850 MHz Band, VHT, MCS9, High Channel 157/161, 5795 MHz

Frequency

Range

Value

Limit

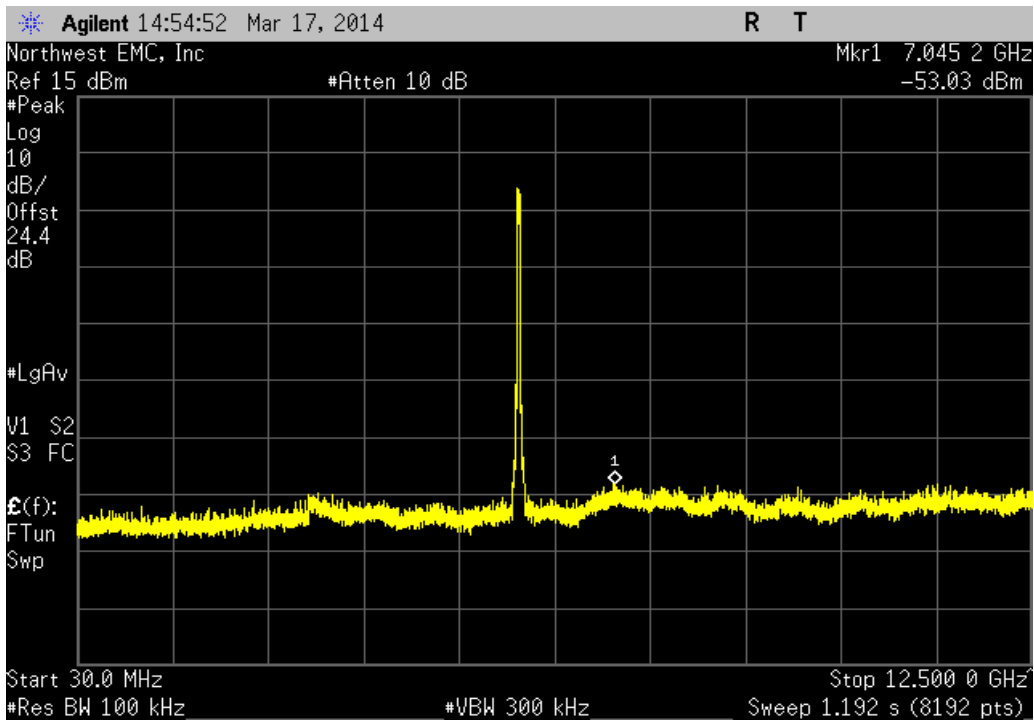
Result

30 MHz - 12.5 GHz

-52.26 dBc

≤ -20 dBc

Pass



IEEE 802.11(ac), 40 MHz, 5725 MHz - 5850 MHz Band, VHT, MCS9, High Channel 157/161, 5795 MHz

Frequency

Range

Value

Limit

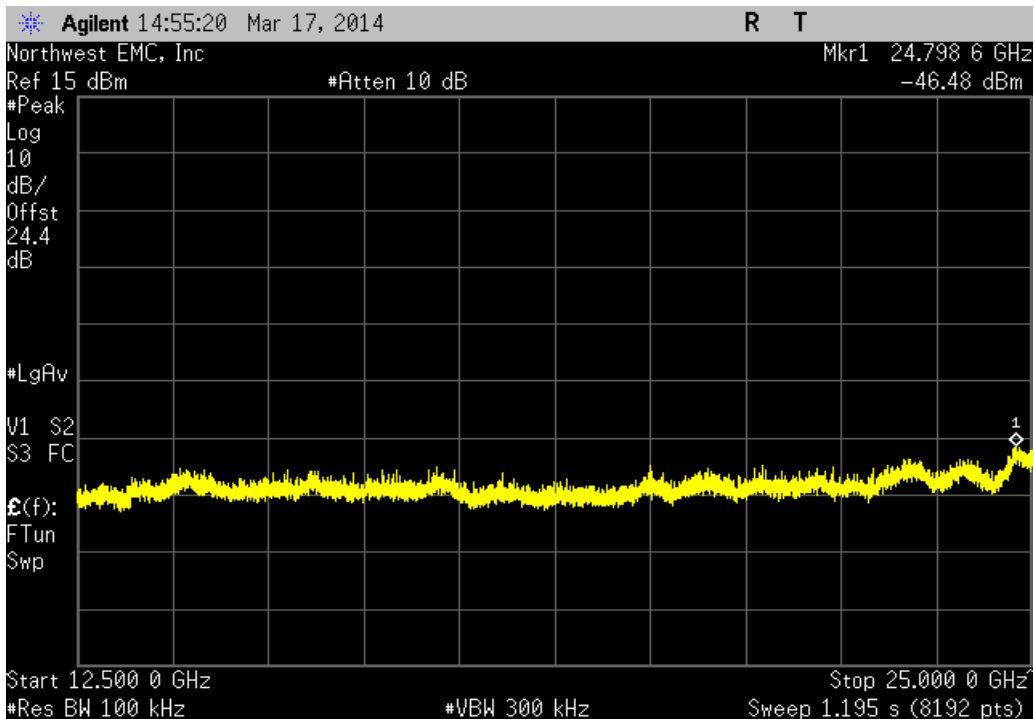
Result

12.5 GHz - 25 GHz

-45.71 dBc

≤ -20 dBc

Pass



IEEE 802.11(ac), 40 MHz, 5725 MHz - 5850 MHz Band, VHT, MCS9, High Channel 157/161, 5795 MHz

Frequency
Range

Value

Limit

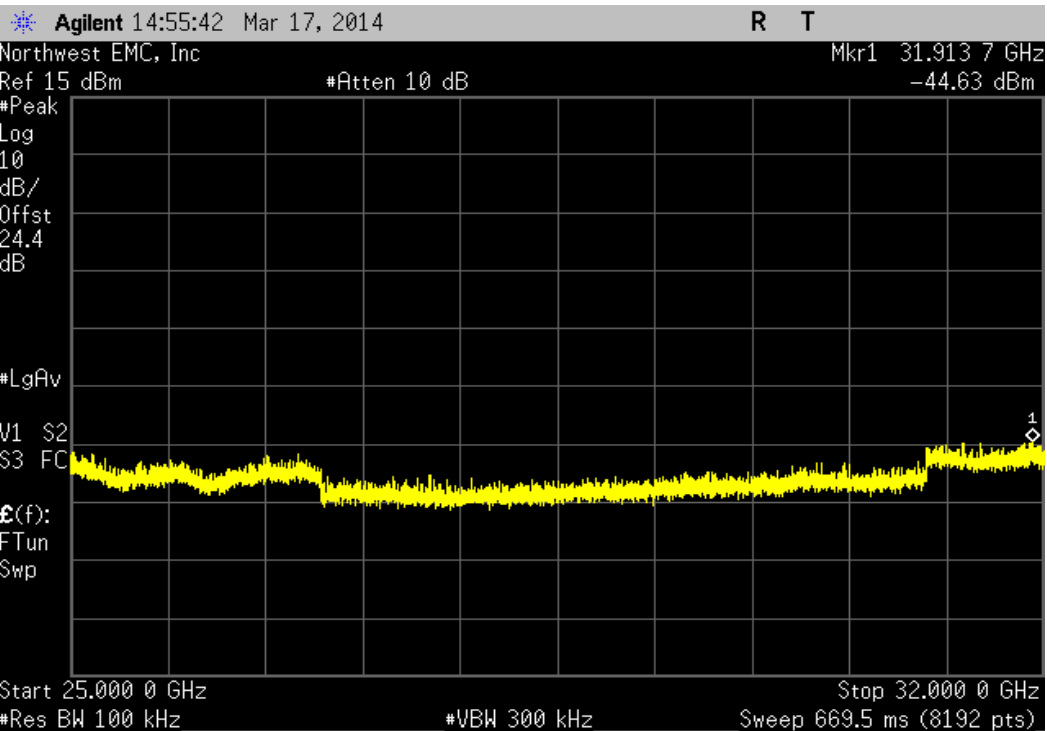
Result

25 GHz - 32 GHz

-43.86 dBc

≤ -20 dBc

Pass



IEEE 802.11(ac), 40 MHz, 5725 MHz - 5850 MHz Band, VHT, MCS9, High Channel 157/161, 5795 MHz

Frequency
Range

Value

Limit

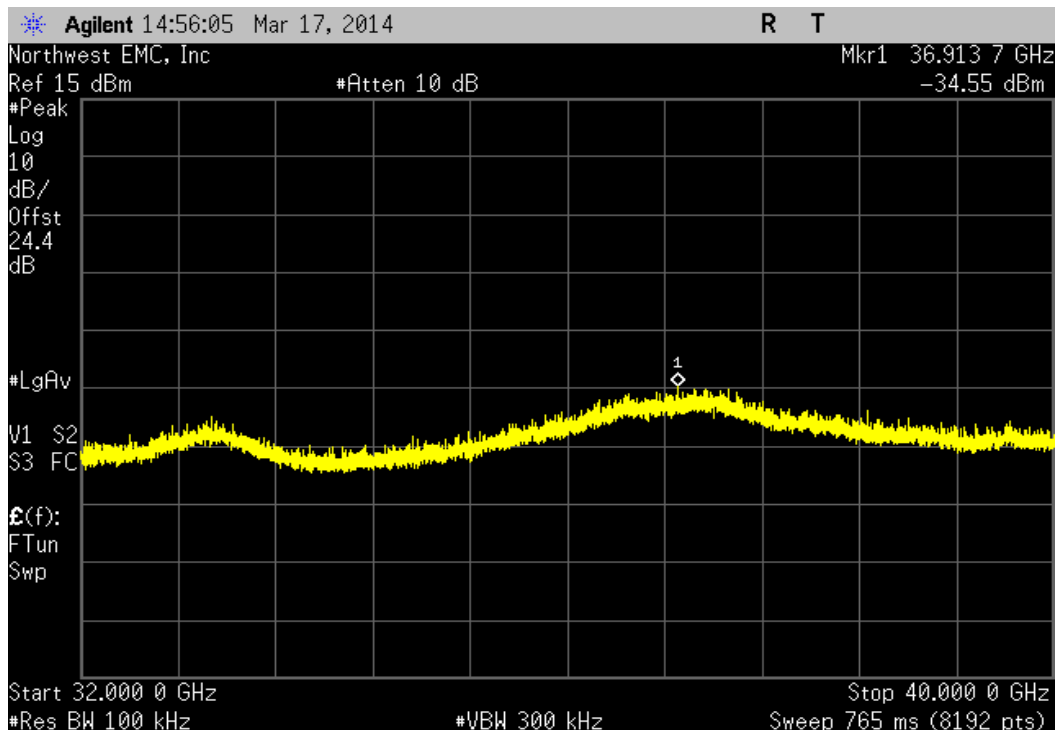
Result

32 GHz - 40 GHz

-33.78 dBc

≤ -20 dBc

Pass



IEEE 802.11(ac), 80 MHz, 5725 MHz - 5850 MHz Band, VHT, MCS0, Low Channel 149/153/157/161, 5775 MHz

Frequency
Range

Value

Limit

Result

Fundamental

N/A

N/A

N/A

Agilent 23:05:28 Mar 20, 2014

R T

Northwest EMC, Inc

Mkr1 5.778 729 GHz

Ref 15 dBm

#Atten 10 dB

-4.94 dBm

#Peak

Log

10

dB/

Offst

24.3

dB

#LgRv

V1 S2

S3 FC

Ⓔ(f):

FTun

Swp

Start 5.725 500 GHz

Stop 5.824 500 GHz

#Res BW 100 kHz

#VBW 300 kHz

Sweep 9.829 ms (8192 pts)

IEEE 802.11(ac), 80 MHz, 5725 MHz - 5850 MHz Band, VHT, MCS0, Low Channel 149/153/157/161, 5775 MHz

Frequency
Range

Value

Limit

Result

30 MHz - 12.5 GHz

-39.79 dBc

≤ -20 dBc

Pass

Agilent 23:05:52 Mar 20, 2014

R T

Northwest EMC, Inc

Mkr1 5.673 5 GHz

Ref 15 dBm

#Atten 10 dB

-44.73 dBm

#Peak

Log

10

dB/

Offst

24.3

dB

#LgRv

V1 S2

S3 FC

Ⓔ(f):

FTun

Swp

Start 30.0 MHz

Stop 12.500 0 GHz

#Res BW 100 kHz

#VBW 300 kHz

Sweep 1.192 s (8192 pts)

IEEE 802.11(ac), 80 MHz, 5725 MHz - 5850 MHz Band, VHT, MCS0, Low Channel 149/153/157/161, 5775 MHz

Frequency

Range

Value

Limit

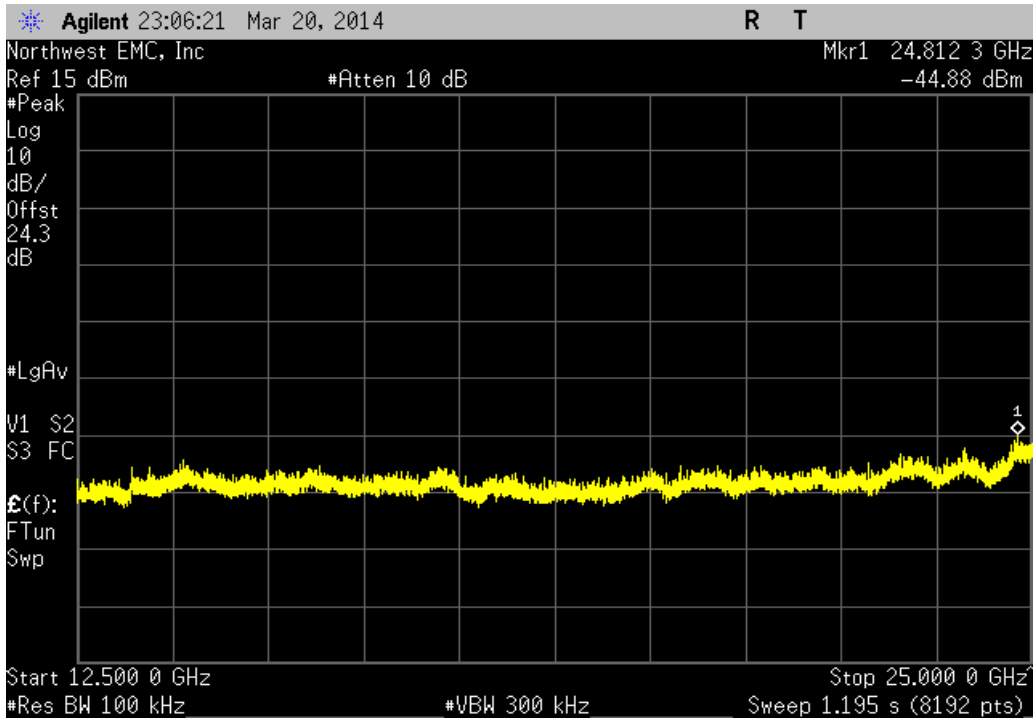
Result

12.5 GHz - 25 GHz

-39.94 dBc

≤ -20 dBc

Pass



IEEE 802.11(ac), 80 MHz, 5725 MHz - 5850 MHz Band, VHT, MCS0, Low Channel 149/153/157/161, 5775 MHz

Frequency

Range

Value

Limit

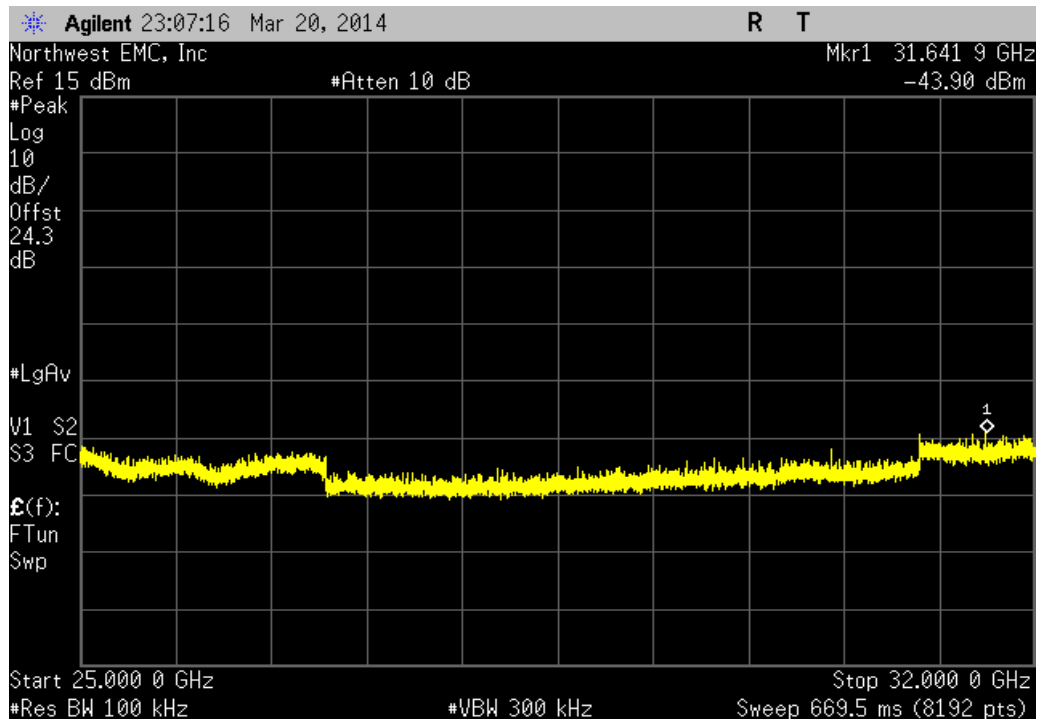
Result

25 GHz - 32 GHz

-38.96 dBc

≤ -20 dBc

Pass



IEEE 802.11(ac), 80 MHz, 5725 MHz - 5850 MHz Band, VHT, MCS0, Low Channel 149/153/157/161, 5775 MHz

Frequency

Range

Value

Limit

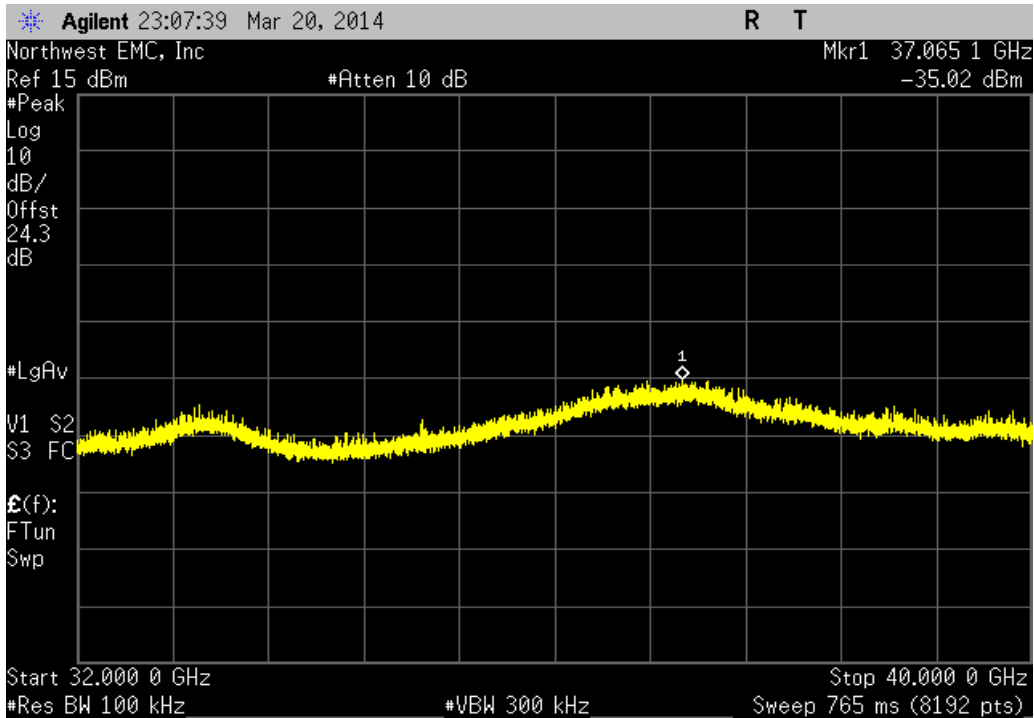
Result

32 GHz - 40 GHz

-30.08 dBc

≤ -20 dBc

Pass



IEEE 802.11(ac), 80 MHz, 5725 MHz - 5850 MHz Band, VHT, MCS9, Low Channel 149/153/157/161, 5775 MHz

Frequency

Range

Value

Limit

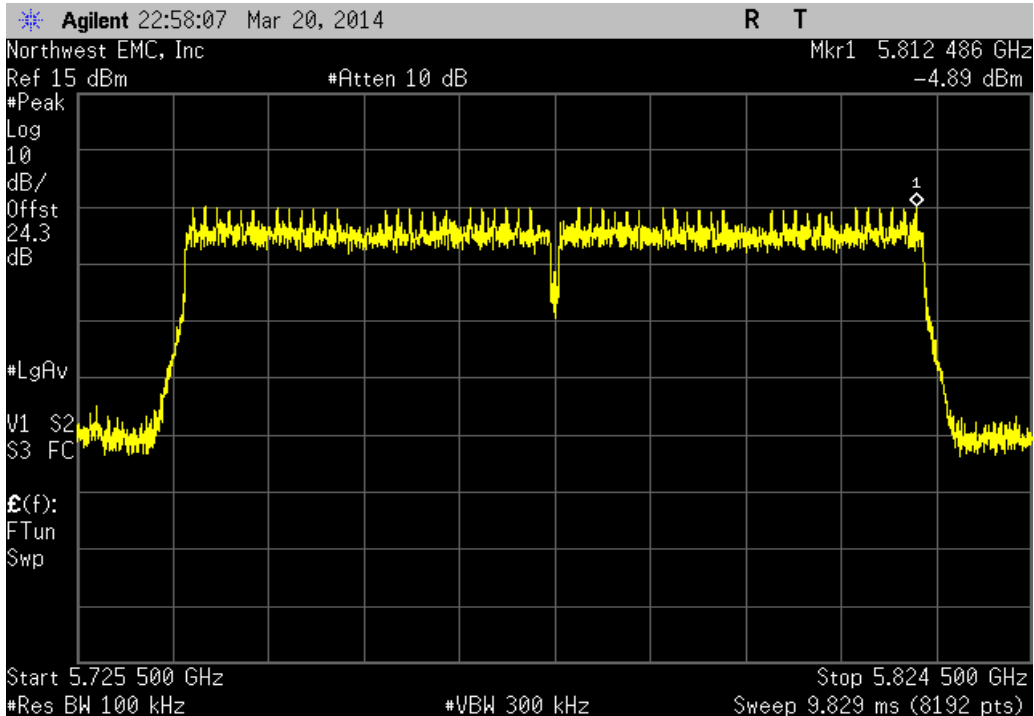
Result

Fundamental

N/A

N/A

N/A



IEEE 802.11(ac), 80 MHz, 5725 MHz - 5850 MHz Band, VHT, MCS9, Low Channel 149/153/157/161, 5775 MHz

Frequency

Range

Value

Limit

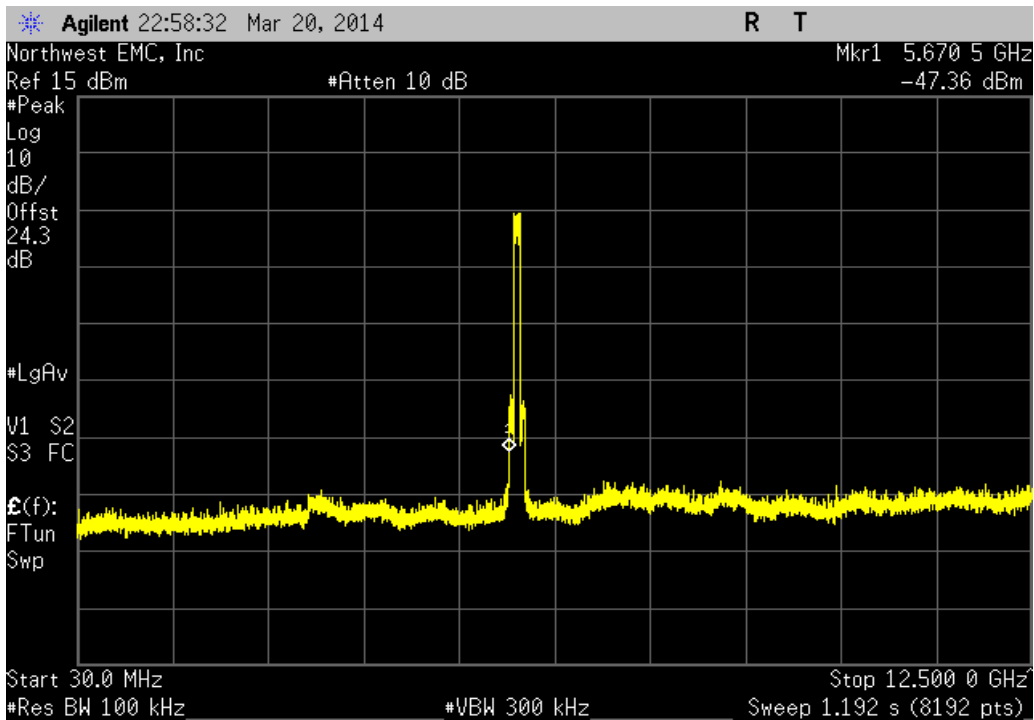
Result

30 MHz - 12.5 GHz

-42.47 dBc

≤ -20 dBc

Pass



IEEE 802.11(ac), 80 MHz, 5725 MHz - 5850 MHz Band, VHT, MCS9, Low Channel 149/153/157/161, 5775 MHz

Frequency

Range

Value

Limit

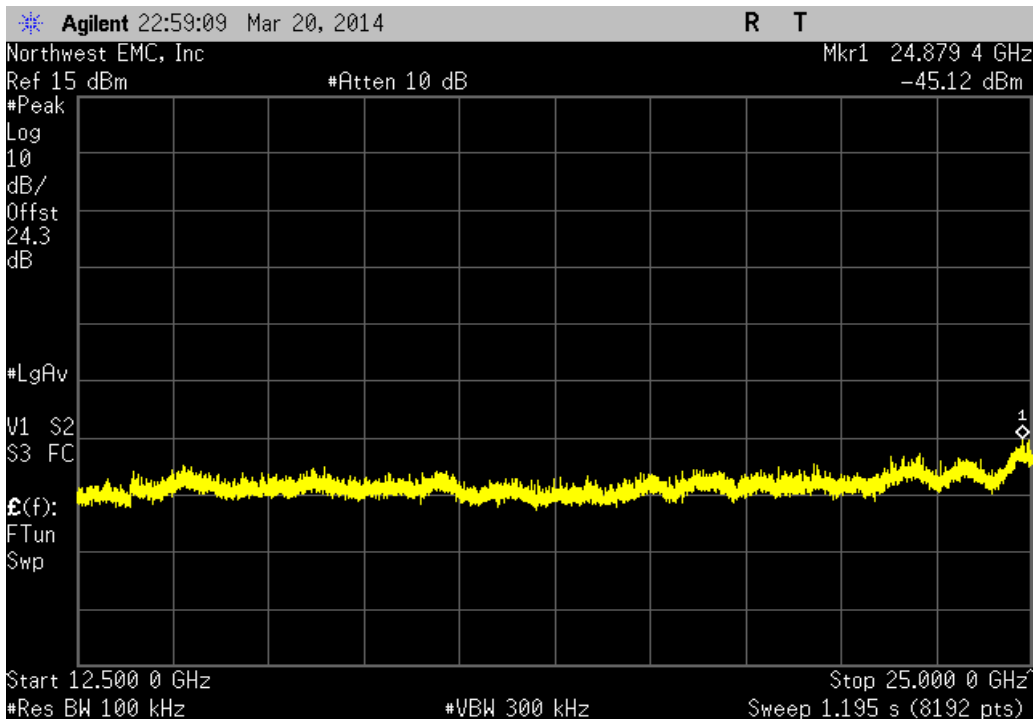
Result

12.5 GHz - 25 GHz

-40.23 dBc

≤ -20 dBc

Pass



IEEE 802.11(ac), 80 MHz, 5725 MHz - 5850 MHz Band, VHT, MCS9, Low Channel 149/153/157/161, 5775 MHz

Frequency

Range

Value

Limit

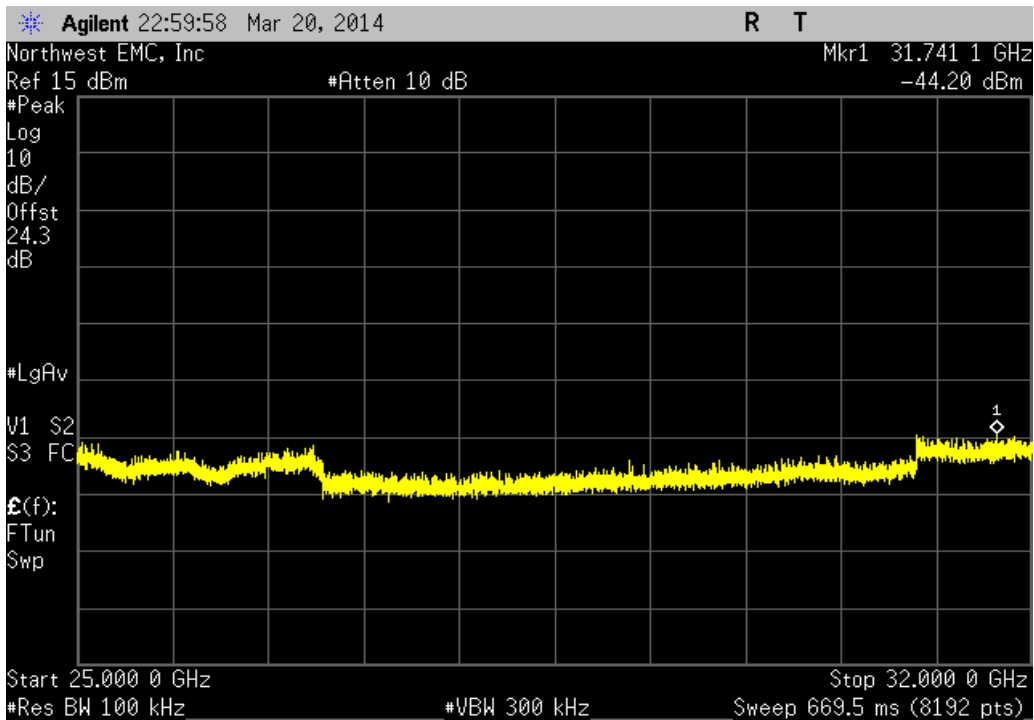
Result

25 GHz - 32 GHz

-39.31 dBc

≤ -20 dBc

Pass



IEEE 802.11(ac), 80 MHz, 5725 MHz - 5850 MHz Band, VHT, MCS9, Low Channel 149/153/157/161, 5775 MHz

Frequency

Range

Value

Limit

Result

32 GHz - 40 GHz

-30.75 dBc

≤ -20 dBc

Pass

