

OUTPUT POWER - SISO

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
40GHz DC Block	Miteq	DCB4000	AMD	4/28/2014	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 6 dB, SMA M/F 26GHz	S.M. Electronics	SA26B-6	AUX	7/30/2013	12
Power Meter	Agilent	N1913A	SQR	4/29/2013	36
Power Sensor	Agilent	E9300H	SQO	4/29/2013	36
Spectrum Analyzer	Agilent	E4446A	AAQ	1/21/2014	24
MXG MW Analog Signal Generator 40 Gig	Agilent	N5183A	TID	9/19/2011	36

TEST DESCRIPTION

The transmit frequency was set to the required channels in each band. The transmit power was set to its default maximum. A direct connection was made between the RF output of the EUT and a spectrum analyzer. Attenuation and a DC block were used. The reference level offset on the spectrum analyzer was adjusted to compensate for cable loss and the external attenuation used between the RF output and the spectrum analyzer input.

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

The method found in KDB 558074 DTS D01 Measurement Section 9.1.1 was used because the RBW on the analyzer was greater than the DTS Bandwidth of the radio.

De Facto EIRP Limit: Per 47 CFR 15.247 (b)(1-3), the EUT meets the de facto EIRP limit of +36 dBm.



OUTPUT POWER - SISO

XMit 2014.02.07
PsaTx 2014.04.01

EUT: WavePoint 10e Industrial Wireless Router (W2400-01)		Work Order: FREW0026
Serial Number: 135268908		Date: 05/29/14
Customer: FreeWave Technologies, Inc.		Temperature: 22°C
Attendees: Dean Busch		Humidity: 36%
Project: None		Barometric Pres.: 1022
Tested by: Brandon Hobbs, Jared Ison		Power: 12 VDC
		Job Site: EV06
TEST SPECIFICATIONS		Test Method
FCC 15.247:2014		ANSI C63.10:2009

COMMENTS
An additional 10dB 5watt attenuator was used inline for all measurements made while under test. Please reference the power levels for this test in the power level table.

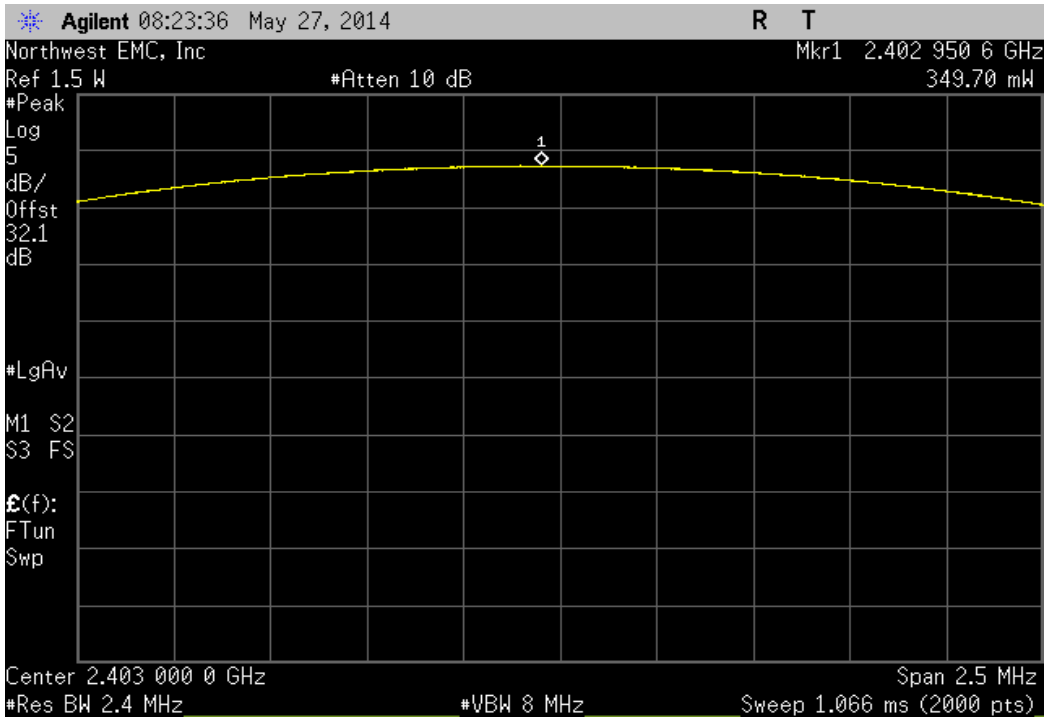
DEVIATIONS FROM TEST STANDARD
None

Configuration #	1	Signature 
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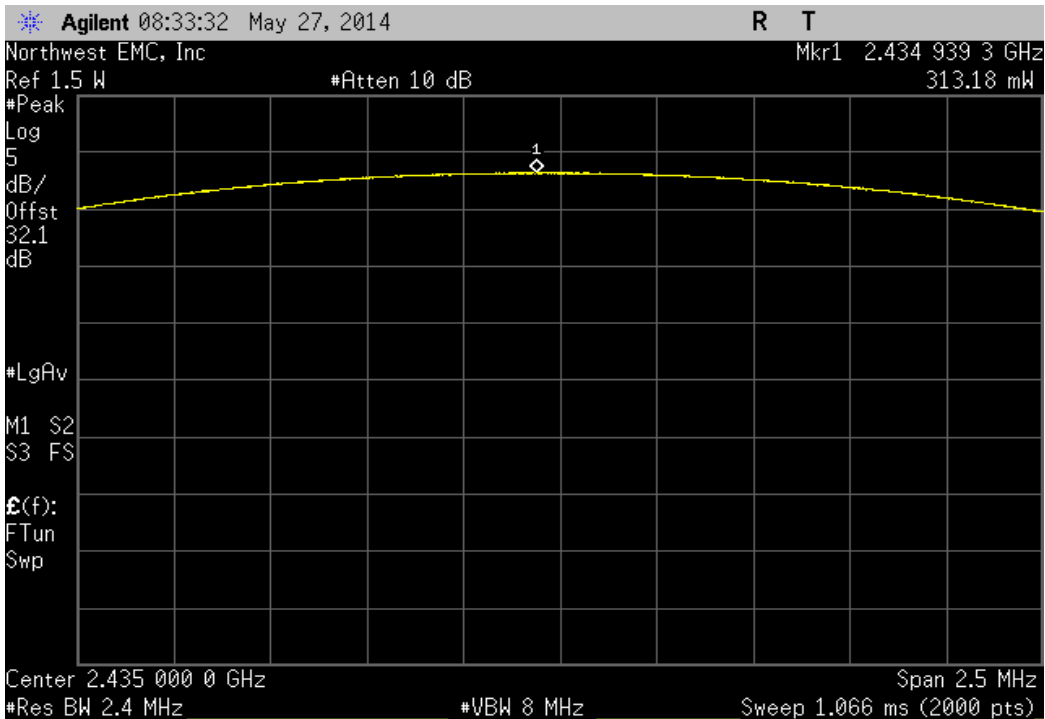
	Value	Limit	Result
2400 MHz - 2483.5 MHz Band			
2.5MHz Bandwidth			
Modulation Type, DBPSK.			
Low Channel 2403 MHz	349.704 mW	< 1 W	Pass
Mid Channel 2435 MHz	313.184 mW	< 1 W	Pass
High Channel 2470 MHz	242.103 mW	< 1 W	Pass
Modulation Type, QPSK.			
Low Channel 2403 MHz	406.724 mW	< 1 W	Pass
Mid Channel 2435 MHz	315.573 mW	< 1 W	Pass
High Channel 2470 MHz	263.633 mW	< 1 W	Pass
Modulation Type, BPSK, Coding Rate, 1/2			
Low Channel 2403 MHz	610.801 mW	< 1 W	Pass
Mid Channel 2435 MHz	537.032 mW	< 1 W	Pass
High Channel 2470 MHz	465.908 mW	< 1 W	Pass
Modulation Type, 16-QAM, Coding Rate, 3/4.			
Low Channel 2403 MHz	514.28 mW	< 1 W	Pass
Mid Channel 2435 MHz	335.12 mW	< 1 W	Pass
High Channel 2470 MHz	310.957 mW	< 1 W	Pass
Modulation Type, 64-QAM, Coding Rate, 3/4.			
Low Channel 2403 MHz	484.284 mW	< 1 W	Pass
Mid Channel 2435 MHz	373.336 mW	< 1 W	Pass
High Channel 2470 MHz	332.277 mW	< 1 W	Pass
Modulation Type, BPSK, Coding Rate, 1/2.			
Low Channel 2403 MHz	608.415 mW	< 1 W	Pass
Mid Channel 2435 MHz	599.791 mW	< 1 W	Pass
High Channel 2470 MHz	585.059 mW	< 1 W	Pass
Modulation Type, 64-QAM, Coding Rate, 5/6.			
Low Channel 2403 MHz	561.048 mW	< 1 W	Pass
Mid Channel 2435 MHz	589.929 mW	< 1 W	Pass
High Channel 2470 MHz	610.38 mW	< 1 W	Pass
5MHz Bandwidth			
Modulation Type, DBPSK.			
Low Channel 2406 MHz	393.188 mW	< 1 W	Pass
Mid Channel 2436 MHz	317.03 mW	< 1 W	Pass
High Channel 2466 MHz	298.813 mW	< 1 W	Pass
Modulation Type, QPSK.			
Low Channel 2406 MHz	435.211 mW	< 1 W	Pass
Mid Channel 2436 MHz	312.176 mW	< 1 W	Pass
High Channel 2466 MHz	280.092 mW	< 1 W	Pass
Modulation Type, BPSK, Coding Rate, 1/2			
Low Channel 2406 MHz	502.805 mW	< 1 W	Pass
Mid Channel 2436 MHz	382.208 mW	< 1 W	Pass
High Channel 2466 MHz	324.638 mW	< 1 W	Pass
Modulation Type, 16-QAM, Coding Rate, 3/4.			
Low Channel 2406 MHz	528.689 mW	< 1 W	Pass
Mid Channel 2436 MHz	454.779 mW	< 1 W	Pass
High Channel 2466 MHz	353.834 mW	< 1 W	Pass
Modulation Type, 64-QAM, Coding Rate, 3/4.			
Low Channel 2406 MHz	543.876 mW	< 1 W	Pass
Mid Channel 2436 MHz	419.083 mW	< 1 W	Pass
High Channel 2466 MHz	353.671 mW	< 1 W	Pass
Modulation Type, BPSK, Coding Rate, 1/2.			
Low Channel 2406 MHz	536.537 mW	< 1 W	Pass
Mid Channel 2436 MHz	581.567 mW	< 1 W	Pass
High Channel 2466 MHz	315.937 mW	< 1 W	Pass
Modulation Type, 64-QAM, Coding Rate, 5/6.			
Low Channel 2406 MHz	510.975 mW	< 1 W	Pass
Mid Channel 2436 MHz	549.414 mW	< 1 W	Pass
High Channel 2466 MHz	271.769 mW	< 1 W	Pass
10MHz Bandwidth			
Modulation Type, DBPSK.			
Low Channel 2409 MHz	586.543 mW	< 1 W	Pass
Mid Channel 2439 MHz	453.837 mW	< 1 W	Pass
High Channel 2464 MHz	408.79 mW	< 1 W	Pass
Modulation Type, QPSK.			
Low Channel 2409 MHz	564.417 mW	< 1 W	Pass
Mid Channel 2439 MHz	434.31 mW	< 1 W	Pass
High Channel 2464 MHz	378.094 mW	< 1 W	Pass
Modulation Type, BPSK, Coding Rate, 1/2			
Low Channel 2409 MHz	281.354 mW	< 1 W	Pass
Mid Channel 2439 MHz	220.963 mW	< 1 W	Pass
High Channel 2464 MHz	189.54 mW	< 1 W	Pass

Modulation Type, 16-QAM, Coding Rate, 3/4.				
Low Channel 2409 MHz	290.155 mW	< 1 W		Pass
Mid Channel 2439 MHz	218.396 mW	< 1 W		Pass
High Channel 2464 MHz	192.608 mW	< 1 W		Pass
Modulation Type, 64-QAM, Coding Rate, 3/4.				
Low Channel 2409 MHz	278.873 mW	< 1 W		Pass
Mid Channel 2439 MHz	227.555 mW	< 1 W		Pass
High Channel 2464 MHz	195.622 mW	< 1 W		Pass
Modulation Type, BPSK, Coding Rate, 1/2.				
Low Channel 2409 MHz	271.702 mW	< 1 W		Pass
Mid Channel 2439 MHz	221.988 mW	< 1 W		Pass
High Channel 2464 MHz	196.009 mW	< 1 W		Pass
Modulation Type, 64-QAM, Coding Rate, 5/6.				
Low Channel 2409 MHz	283.192 mW	< 1 W		Pass
Mid Channel 2439 MHz	217.929 mW	< 1 W		Pass
High Channel 2464 MHz	196.376 mW	< 1 W		Pass

2400 MHz - 2483.5 MHz Band, 2.5MHz Bandwidth , Modulation Type, DBPSK., Low Channel 2403 MHz			
	Value	Limit	Result
	349.704 mW	< 1 W	Pass

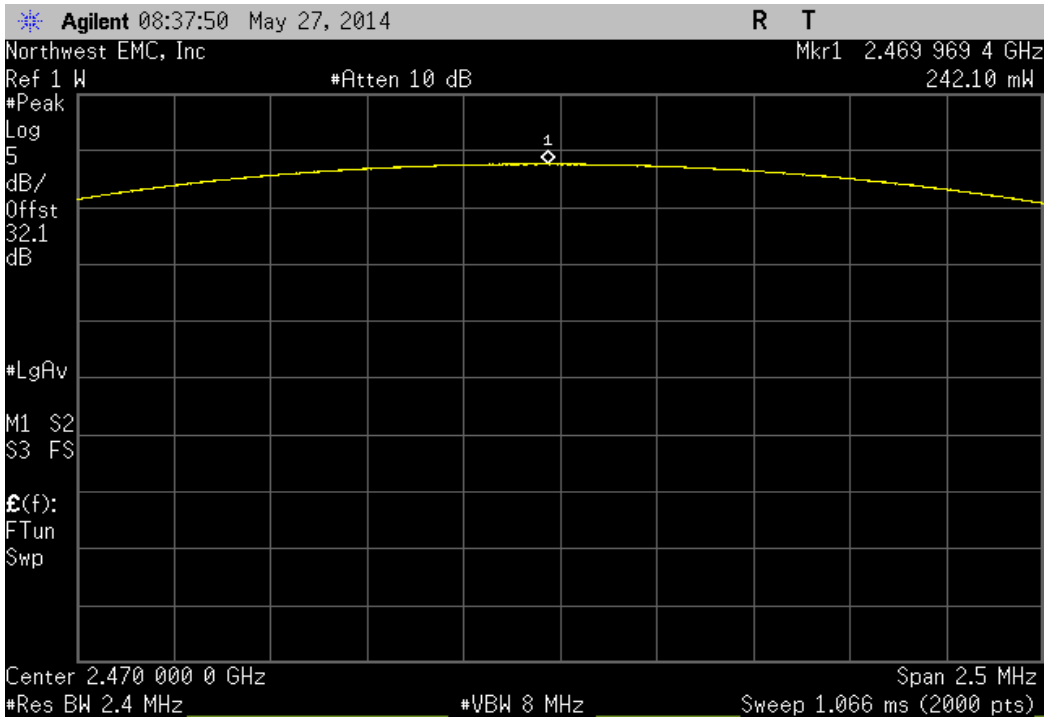


2400 MHz - 2483.5 MHz Band, 2.5MHz Bandwidth , Modulation Type, DBPSK., Mid Channel 2435 MHz			
	Value	Limit	Result
	313.184 mW	< 1 W	Pass



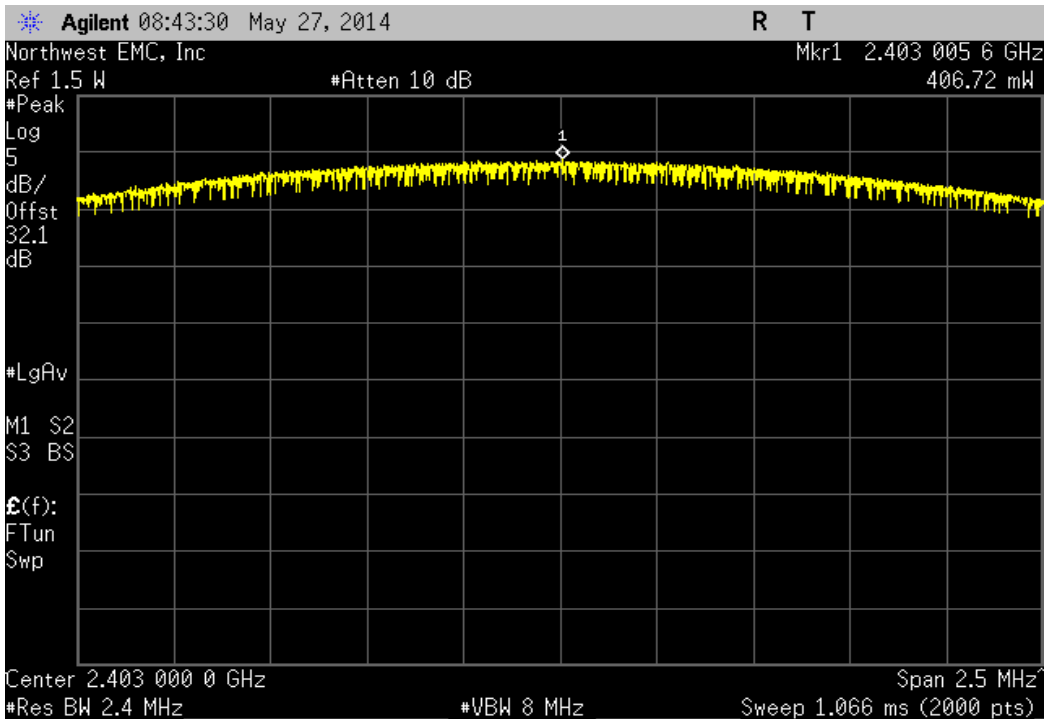
2400 MHz - 2483.5 MHz Band, 2.5MHz Bandwidth, Modulation Type, DBPSK., High Channel 2470 MHz

Value	Limit	Result
242.103 mW	< 1 W	Pass

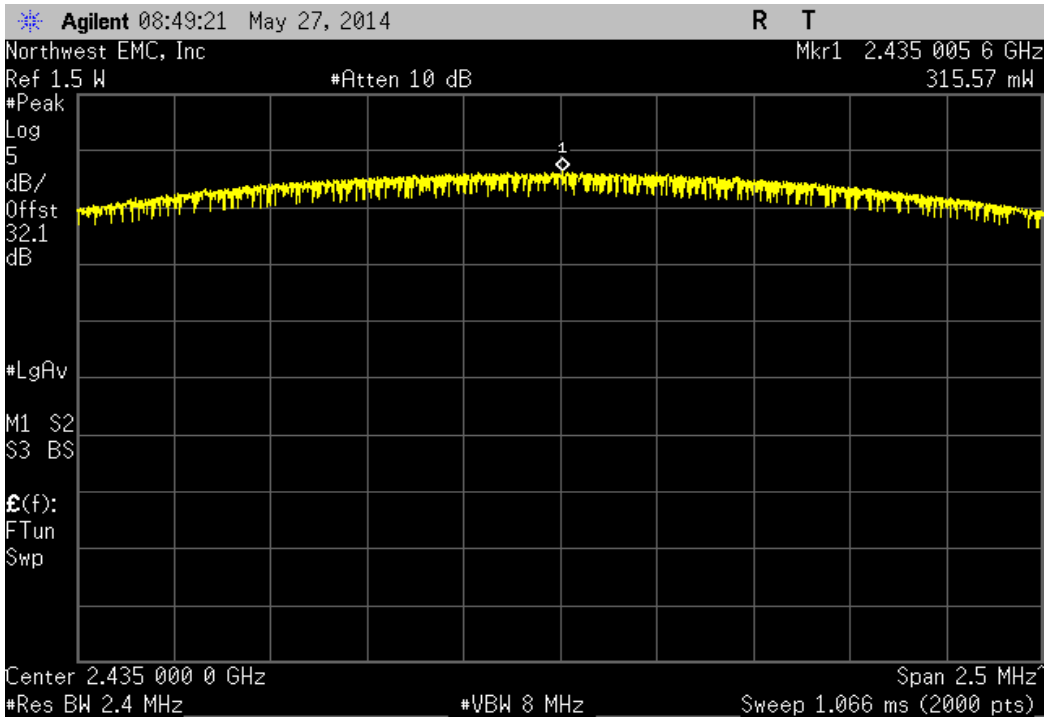


2400 MHz - 2483.5 MHz Band, 2.5MHz Bandwidth, Modulation Type, QPSK., Low Channel 2403 MHz

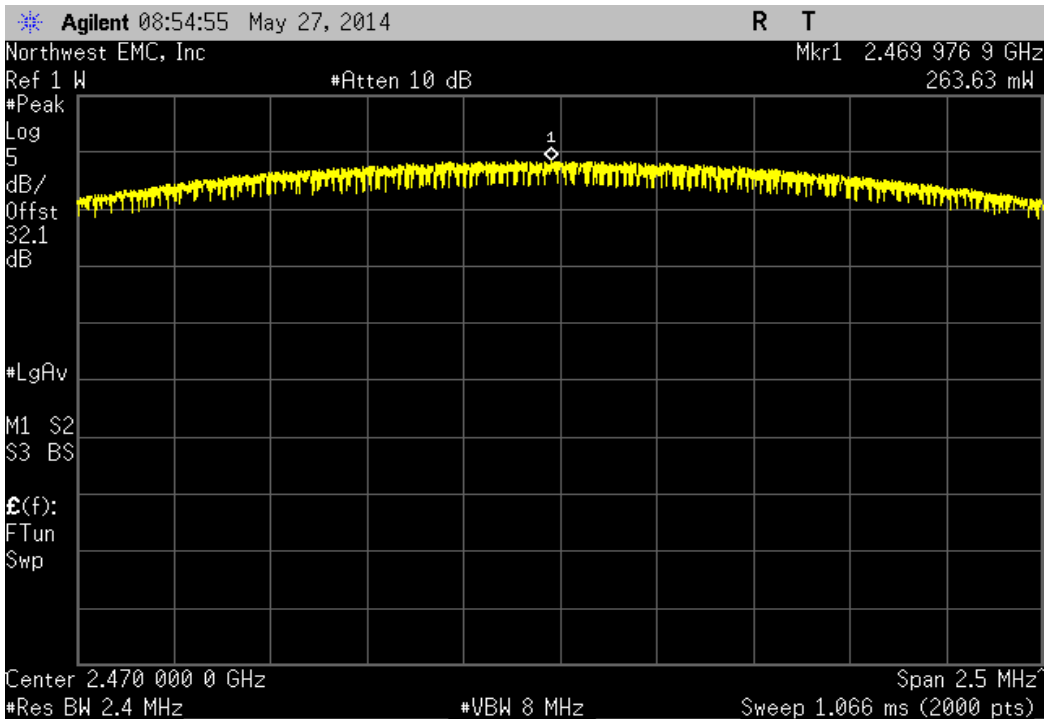
Value	Limit	Result
406.724 mW	< 1 W	Pass



2400 MHz - 2483.5 MHz Band, 2.5MHz Bandwidth , Modulation Type, QPSK., Mid Channel 2435 MHz			
	Value	Limit	Result
	315.573 mW	< 1 W	Pass

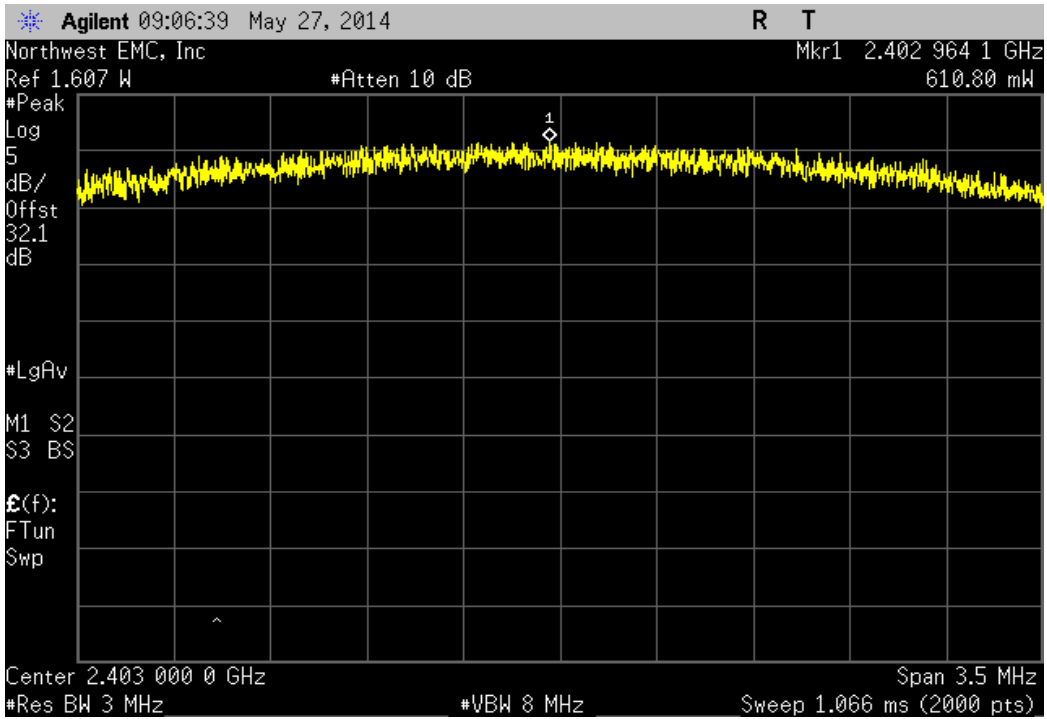


2400 MHz - 2483.5 MHz Band, 2.5MHz Bandwidth , Modulation Type, QPSK., High Channel 2470 MHz			
	Value	Limit	Result
	263.633 mW	< 1 W	Pass



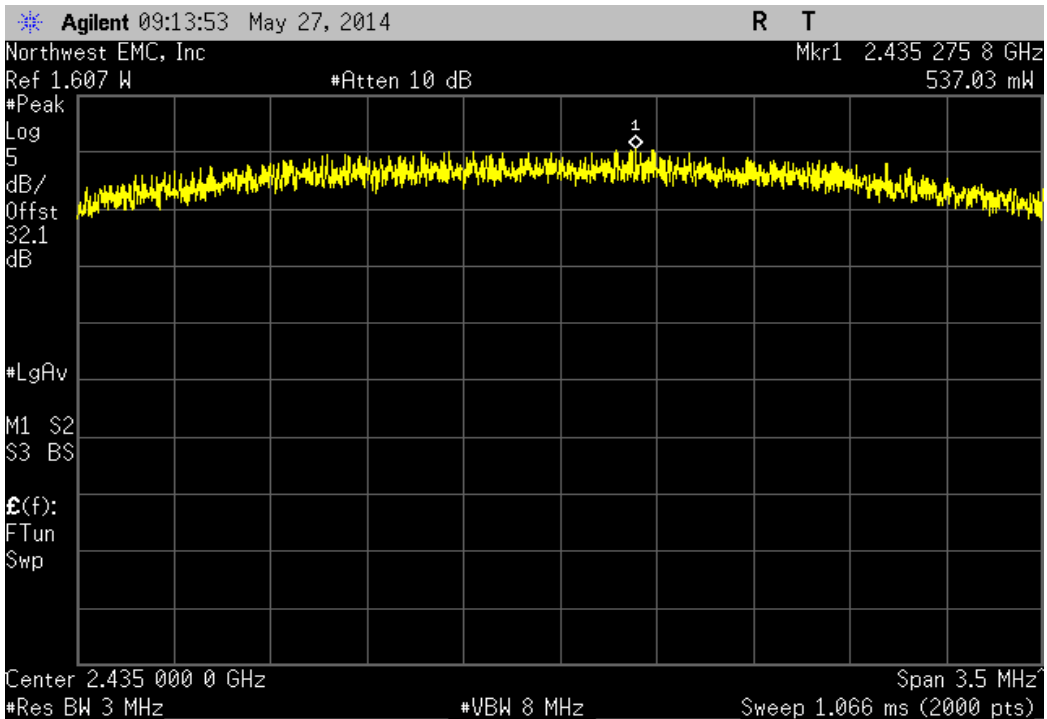
2400 MHz - 2483.5 MHz Band, 2.5MHz Bandwidth , Modulation Type, BPSK, Coding Rate, 1/2, Low Channel 2403 MHz

Value	Limit	Result
610.801 mW	< 1 W	Pass

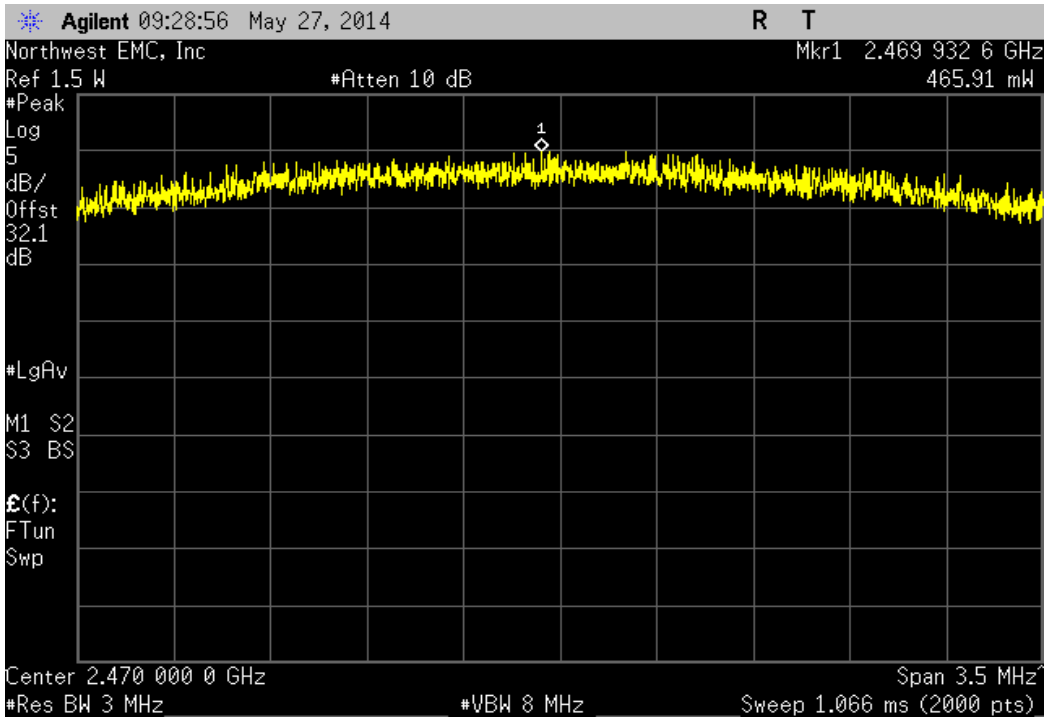


2400 MHz - 2483.5 MHz Band, 2.5MHz Bandwidth , Modulation Type, BPSK, Coding Rate, 1/2, Mid Channel 2435 MHz

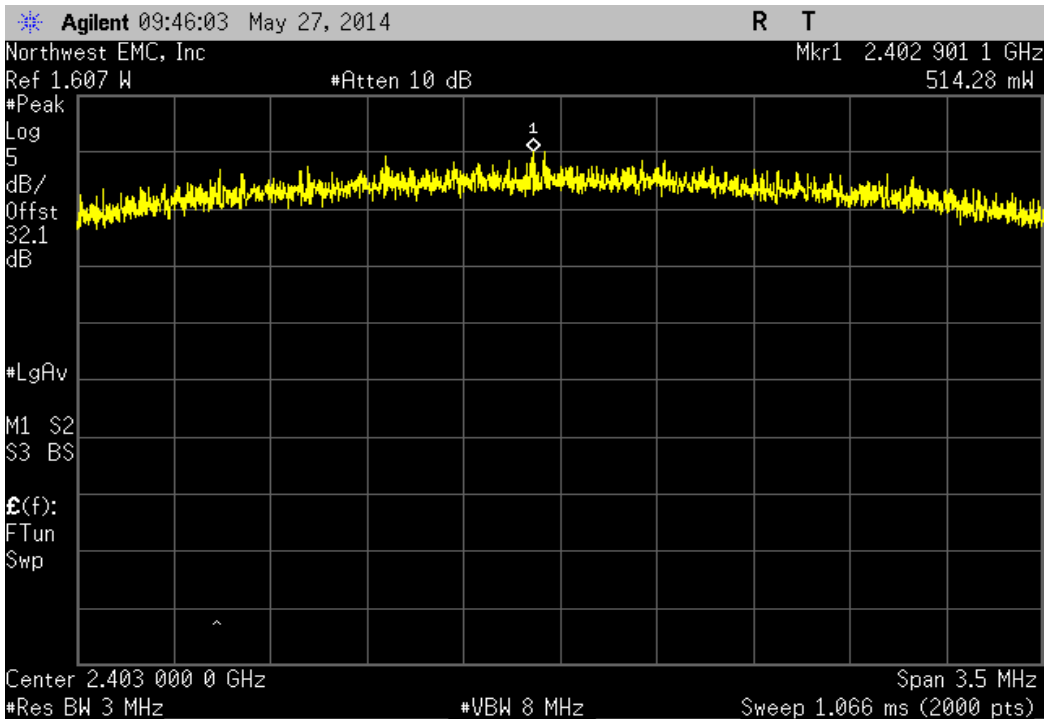
Value	Limit	Result
537.032 mW	< 1 W	Pass



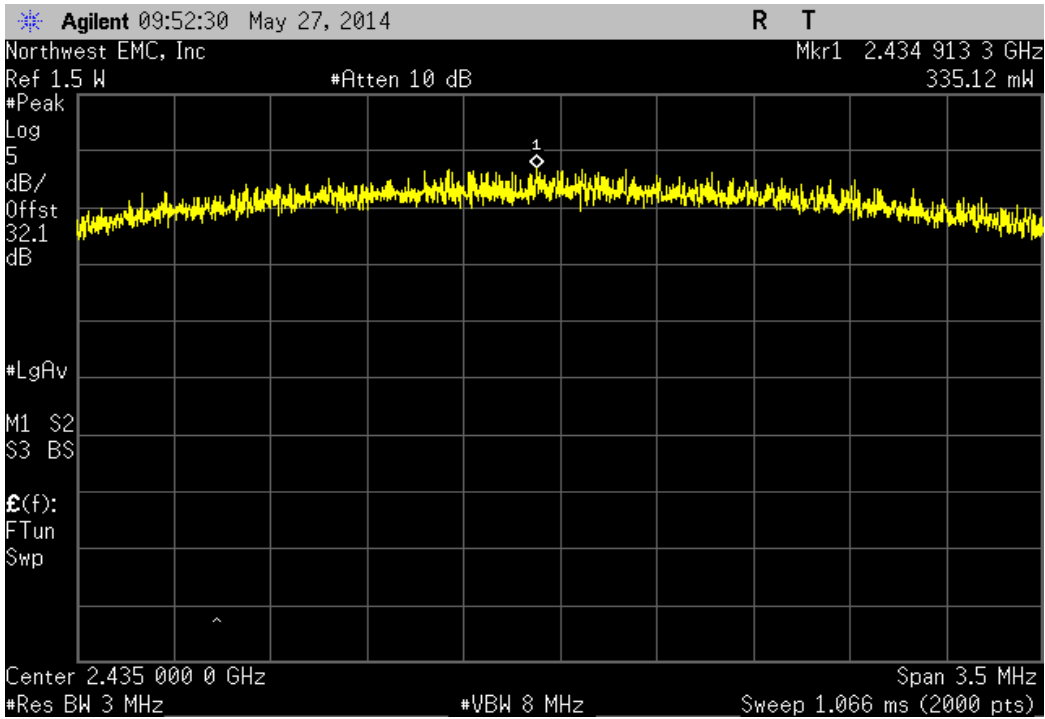
2400 MHz - 2483.5 MHz Band, 2.5MHz Bandwidth , Modulation Type, BPSK, Coding Rate, 1/2, High Channel 2470 MHz			
	Value	Limit	Result
	465.908 mW	< 1 W	Pass



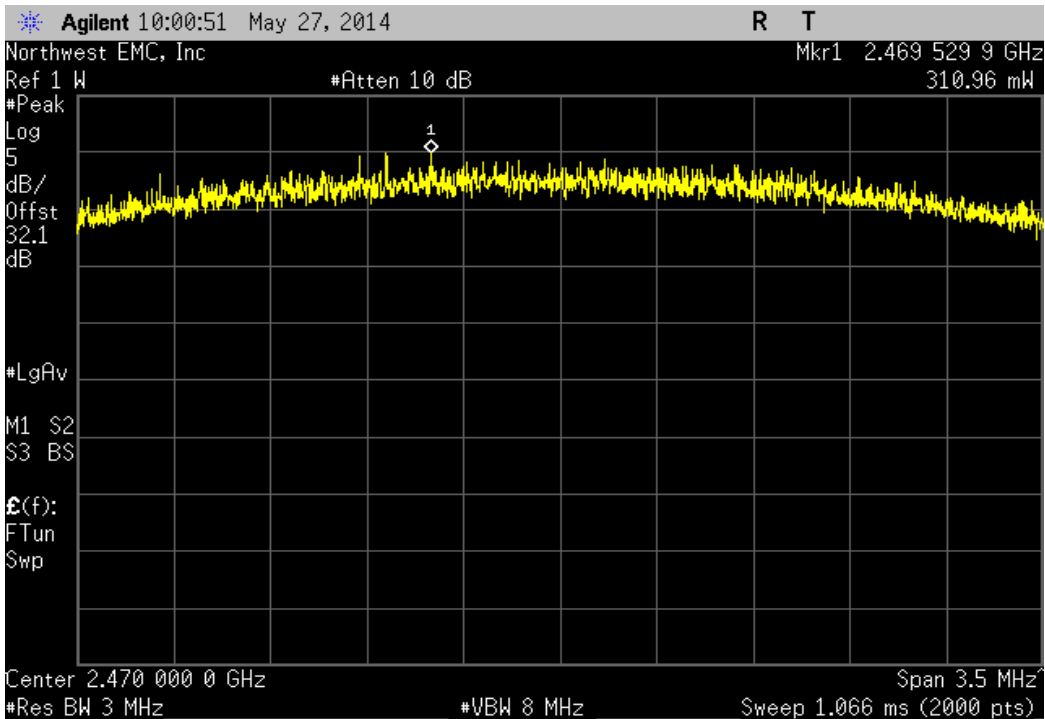
2400 MHz - 2483.5 MHz Band, 2.5MHz Bandwidth , Modulation Type, 16-QAM, Coding Rate, 3/4., Low Channel 2403 MHz			
	Value	Limit	Result
	514.28 mW	< 1 W	Pass



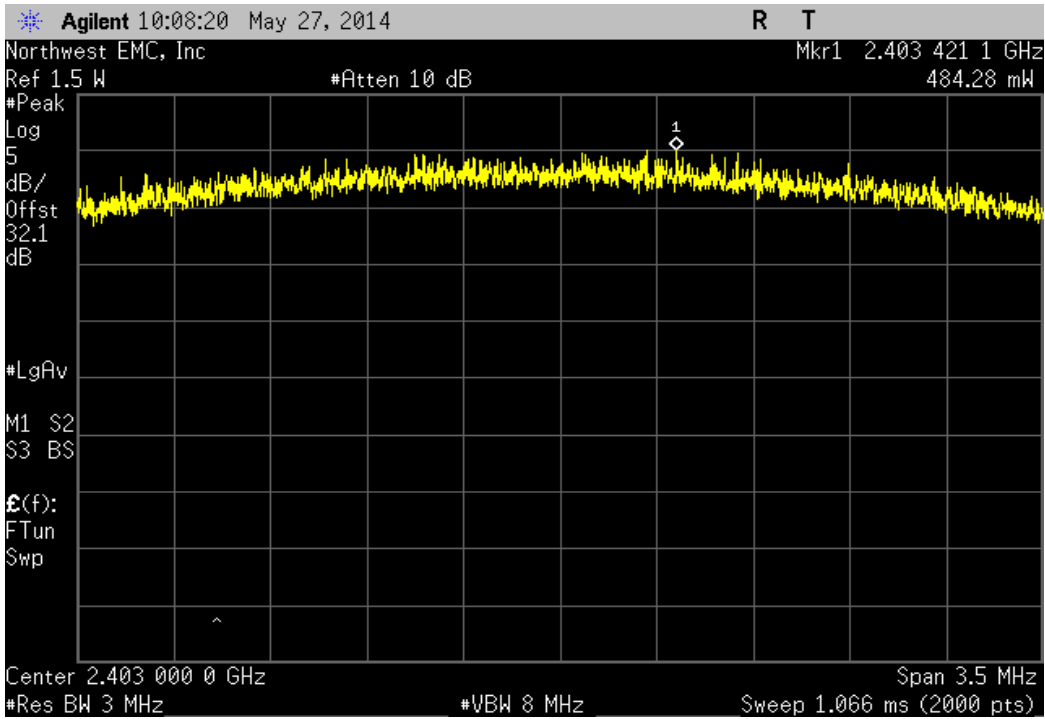
2400 MHz - 2483.5 MHz Band, 2.5MHz Bandwidth , Modulation Type, 16-QAM, Coding Rate, 3/4., Mid Channel 2435 MHz		
	Value	Limit
	335.12 mW	< 1 W
		Result
		Pass



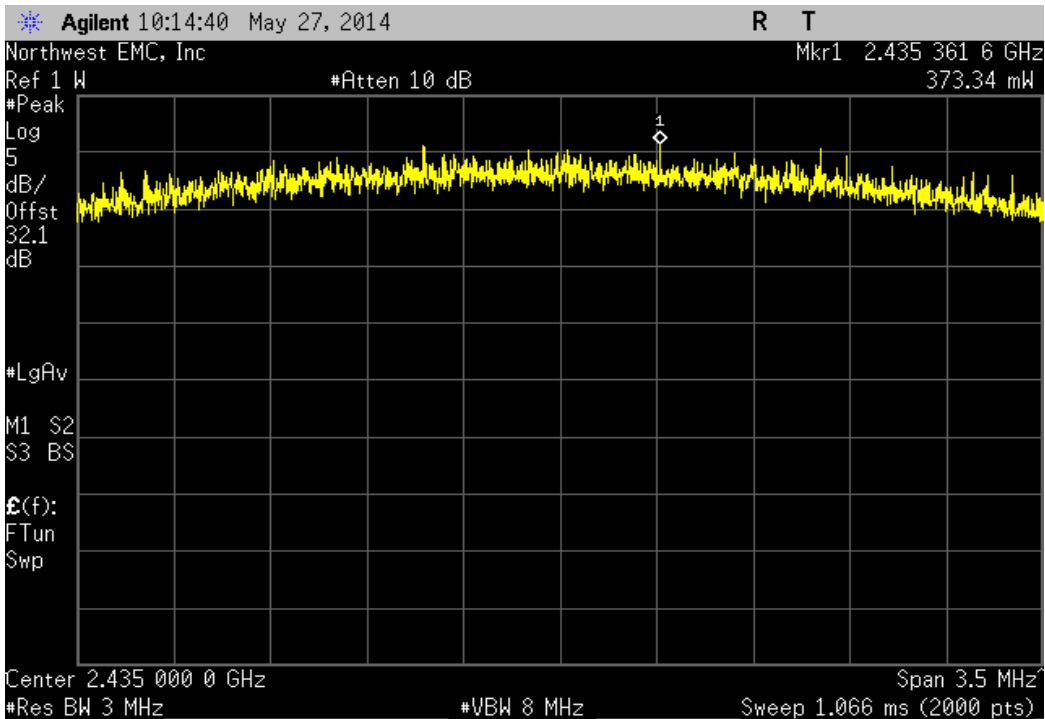
2400 MHz - 2483.5 MHz Band, 2.5MHz Bandwidth , Modulation Type, 16-QAM, Coding Rate, 3/4., High Channel 2470 MHz		
	Value	Limit
	310.957 mW	< 1 W
		Result
		Pass



2400 MHz - 2483.5 MHz Band, 2.5MHz Bandwidth , Modulation Type, 64-QAM, Coding Rate, 3/4., Low Channel 2403 MHz			
	Value	Limit	Result
	484.284 mW	< 1 W	Pass

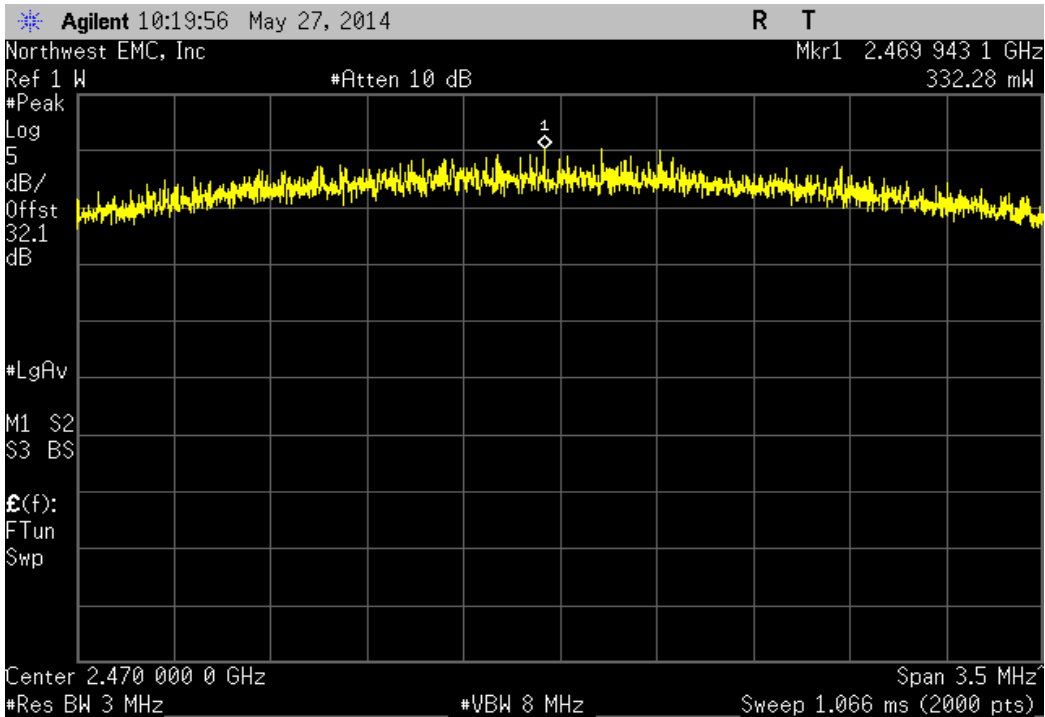


2400 MHz - 2483.5 MHz Band, 2.5MHz Bandwidth , Modulation Type, 64-QAM, Coding Rate, 3/4., Mid Channel 2435 MHz			
	Value	Limit	Result
	373.336 mW	< 1 W	Pass



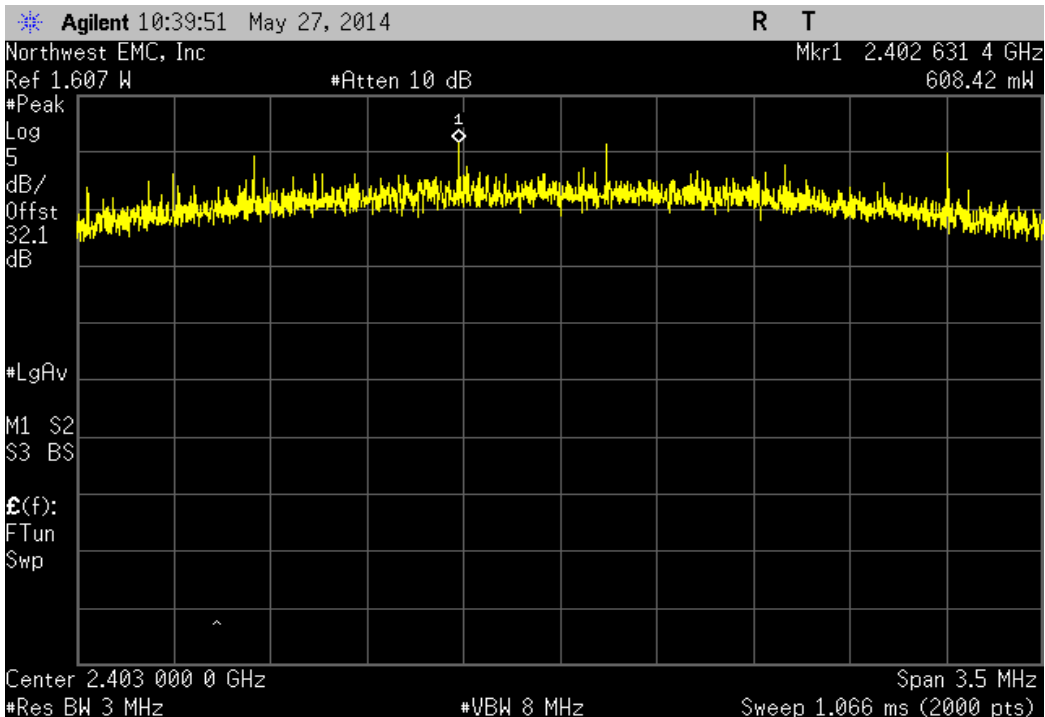
2400 MHz - 2483.5 MHz Band, 2.5MHz Bandwidth , Modulation Type, 64-QAM, Coding Rate, 3/4., High Channel 2470 MHz

Value	Limit	Result
332.277 mW	< 1 W	Pass

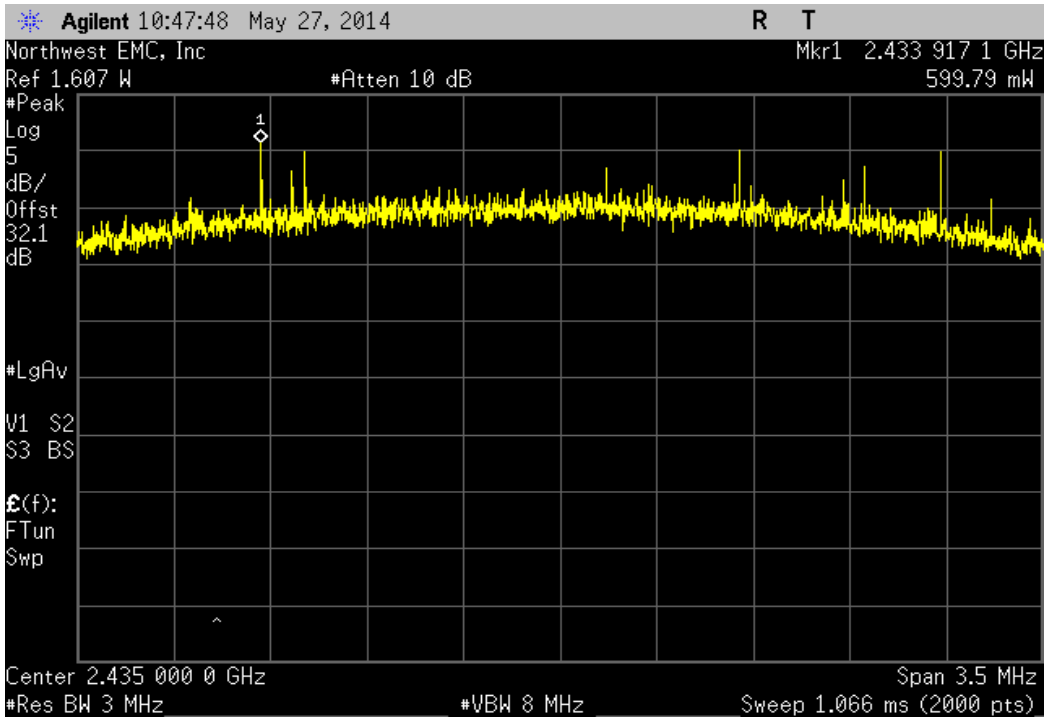


2400 MHz - 2483.5 MHz Band, 2.5MHz Bandwidth , Modulation Type, BPSK, Coding Rate, 1/2., Low Channel 2403 MHz

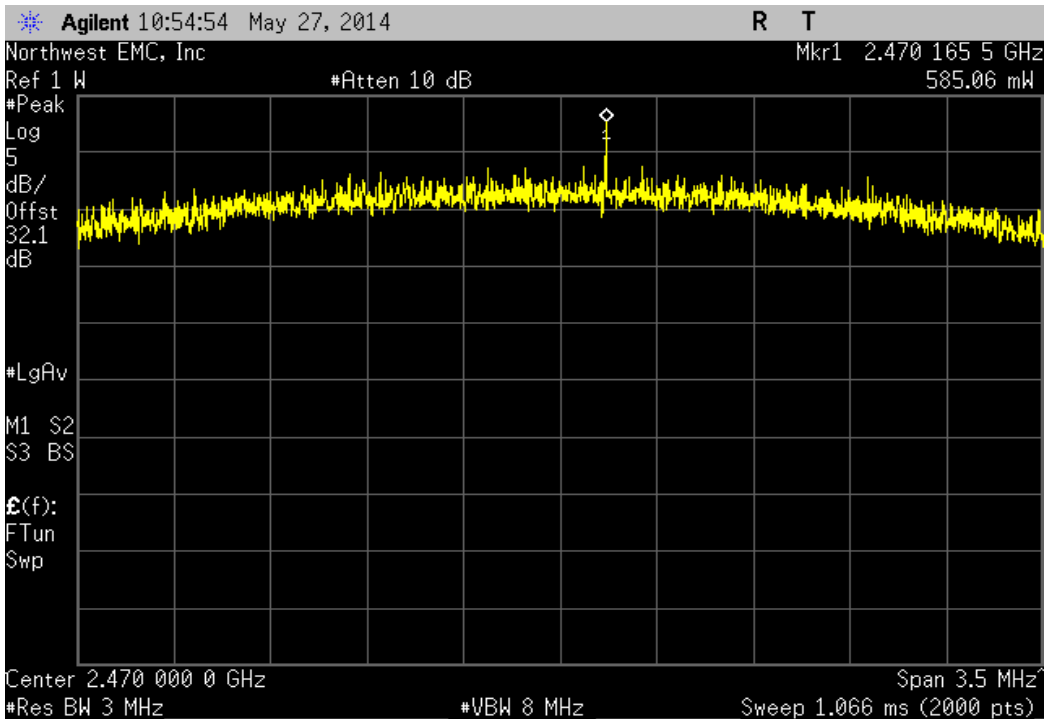
Value	Limit	Result
608.415 mW	< 1 W	Pass



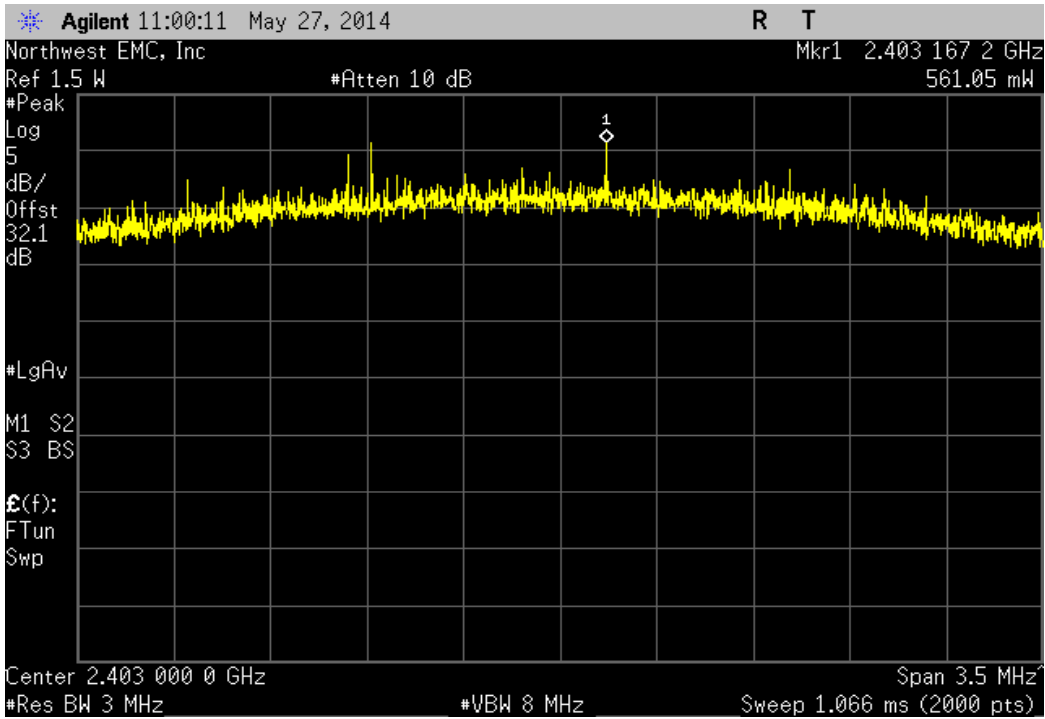
2400 MHz - 2483.5 MHz Band, 2.5MHz Bandwidth , Modulation Type, BPSK, Coding Rate, 1/2. , Mid Channel 2435 MHz			
	Value	Limit	Result
	599.791 mW	< 1 W	Pass



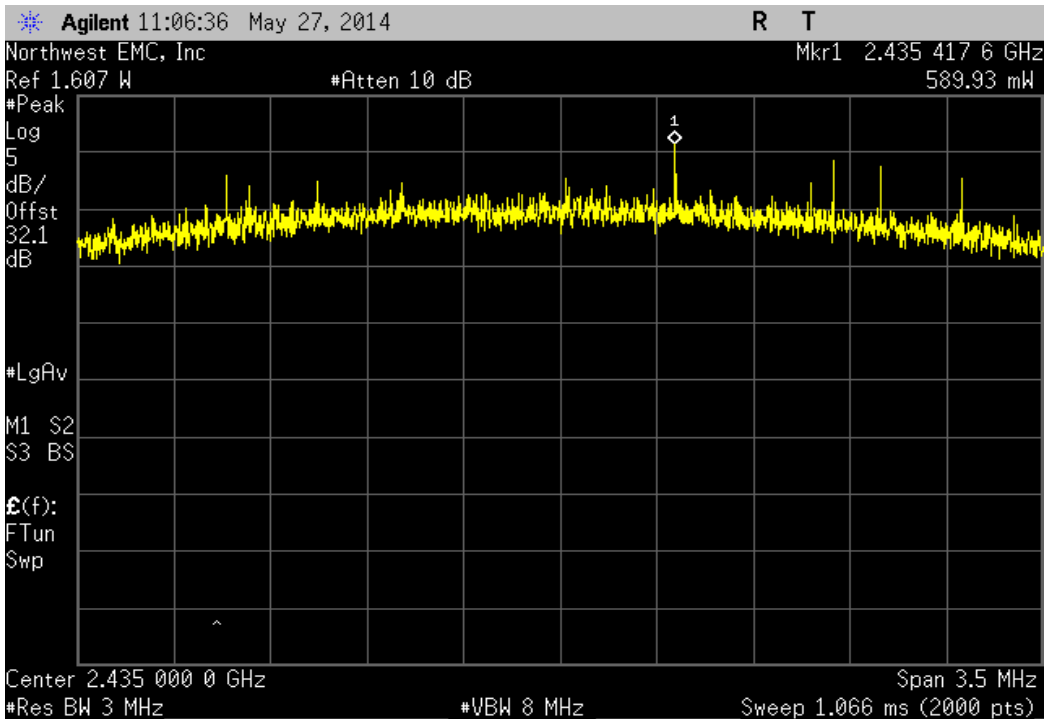
2400 MHz - 2483.5 MHz Band, 2.5MHz Bandwidth , Modulation Type, BPSK, Coding Rate, 1/2. , High Channel 2470 MHz			
	Value	Limit	Result
	585.059 mW	< 1 W	Pass



2400 MHz - 2483.5 MHz Band, 2.5MHz Bandwidth , Modulation Type, 64-QAM, Coding Rate, 5/6., Low Channel 2403 MHz			
	Value	Limit	Result
	561.048 mW	< 1 W	Pass

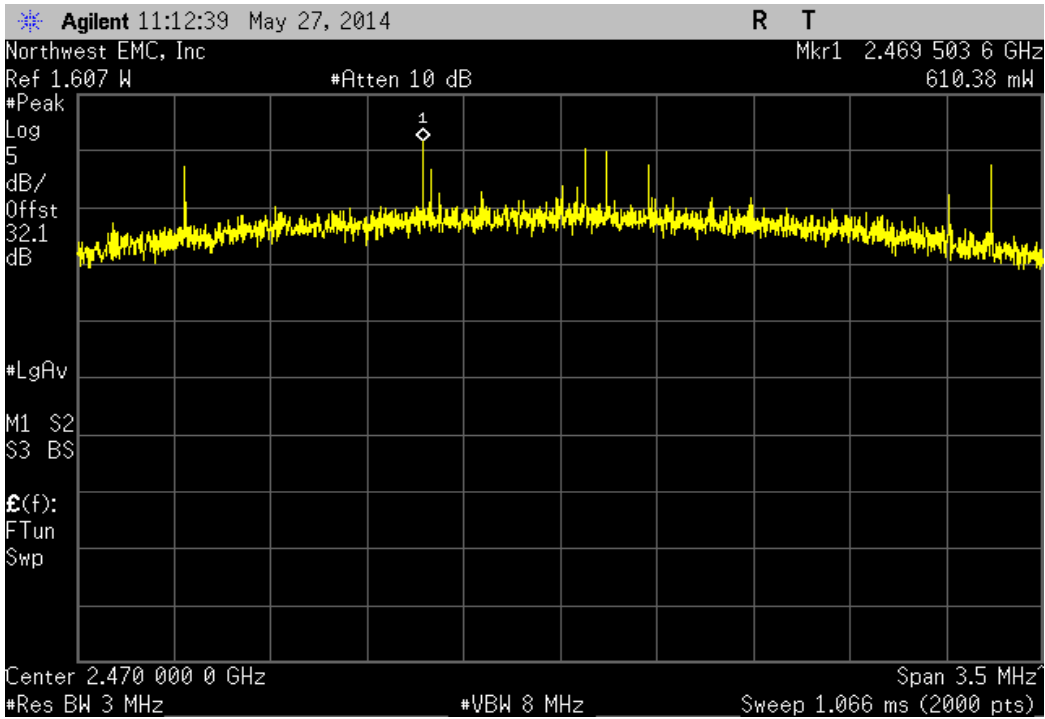


2400 MHz - 2483.5 MHz Band, 2.5MHz Bandwidth , Modulation Type, 64-QAM, Coding Rate, 5/6., Mid Channel 2435 MHz			
	Value	Limit	Result
	589.929 mW	< 1 W	Pass



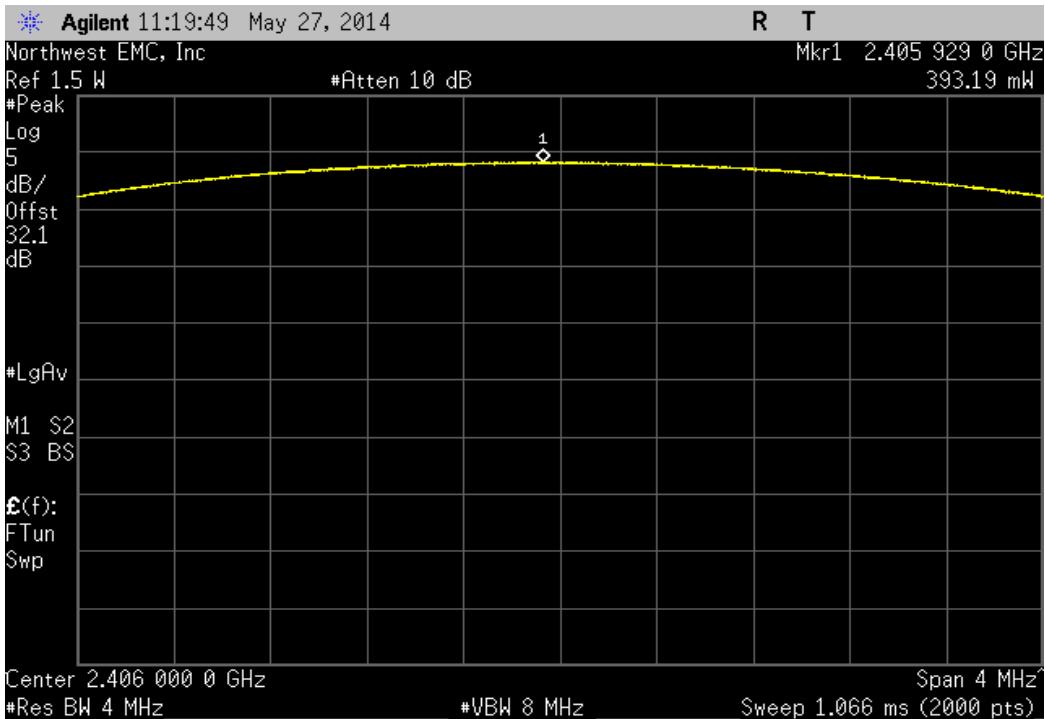
2400 MHz - 2483.5 MHz Band, 2.5MHz Bandwidth , Modulation Type, 64-QAM, Coding Rate, 5/6., High Channel 2470 MHz

Value	Limit	Result
610.38 mW	< 1 W	Pass



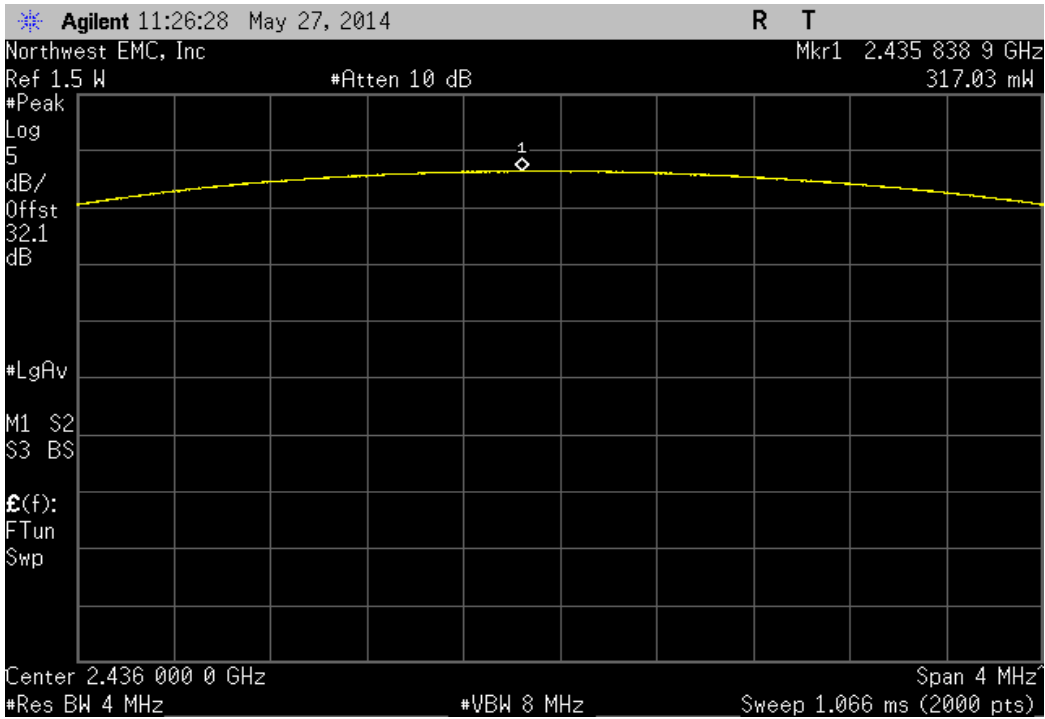
2400 MHz - 2483.5 MHz Band, 5MHz Bandwidth , Modulation Type, DBPSK., Low Channel 2406 MHz

Value	Limit	Result
393.188 mW	< 1 W	Pass



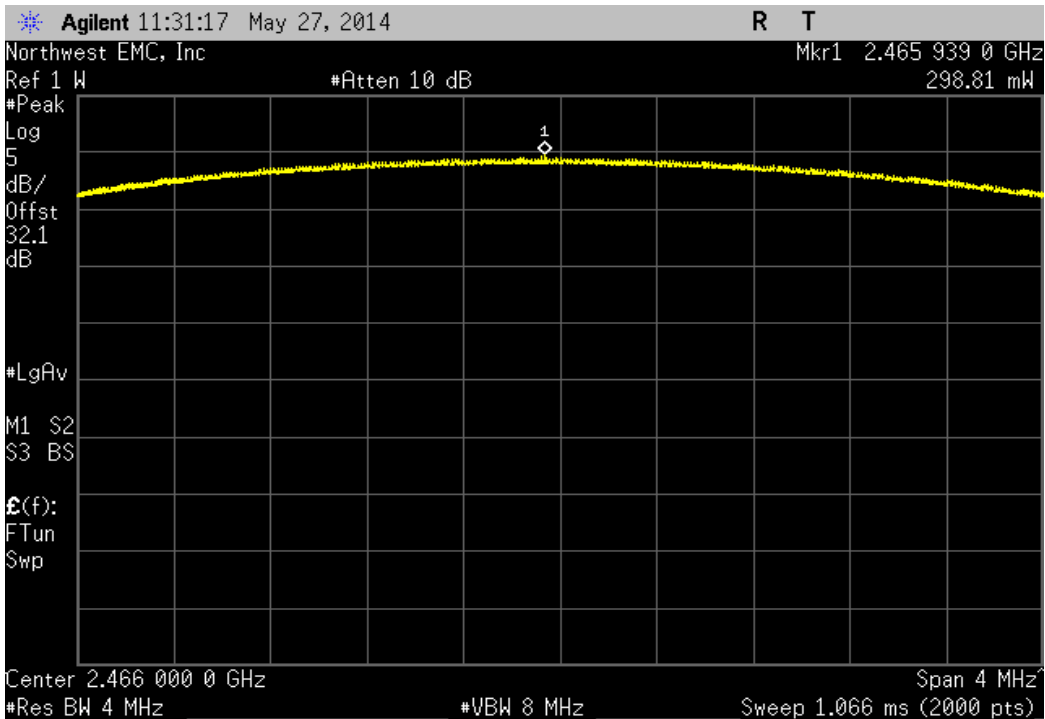
2400 MHz - 2483.5 MHz Band, 5MHz Bandwidth , Modulation Type, DBPSK., Mid Channel 2436 MHz

Value	Limit	Result
317.03 mW	< 1 W	Pass

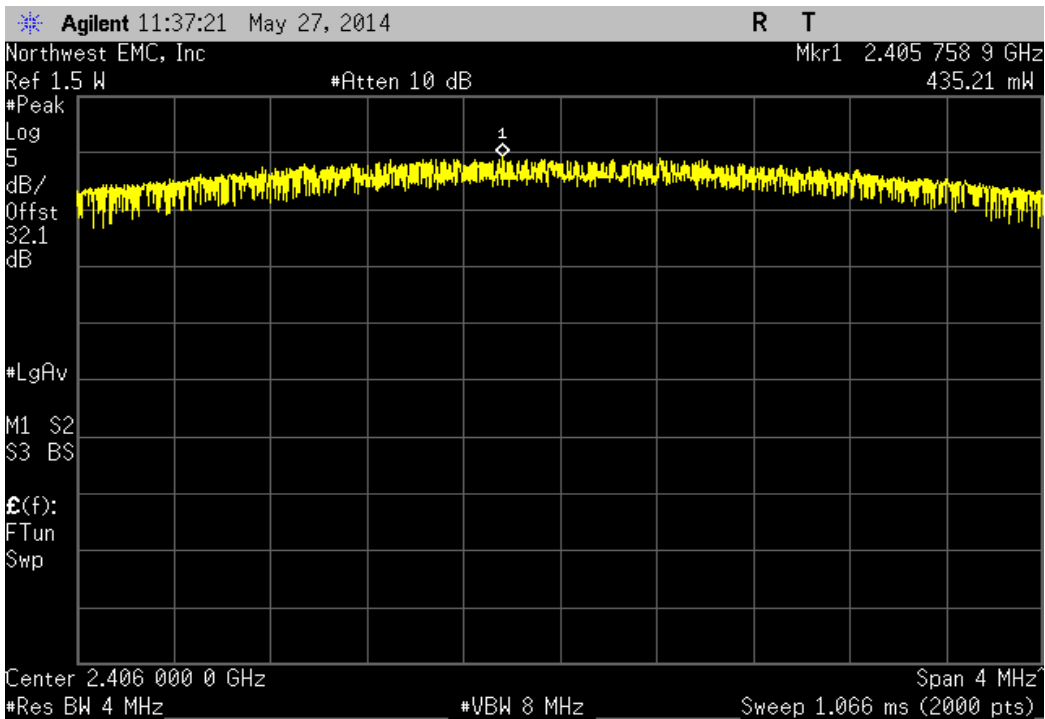


2400 MHz - 2483.5 MHz Band, 5MHz Bandwidth , Modulation Type, DBPSK., High Channel 2466 MHz

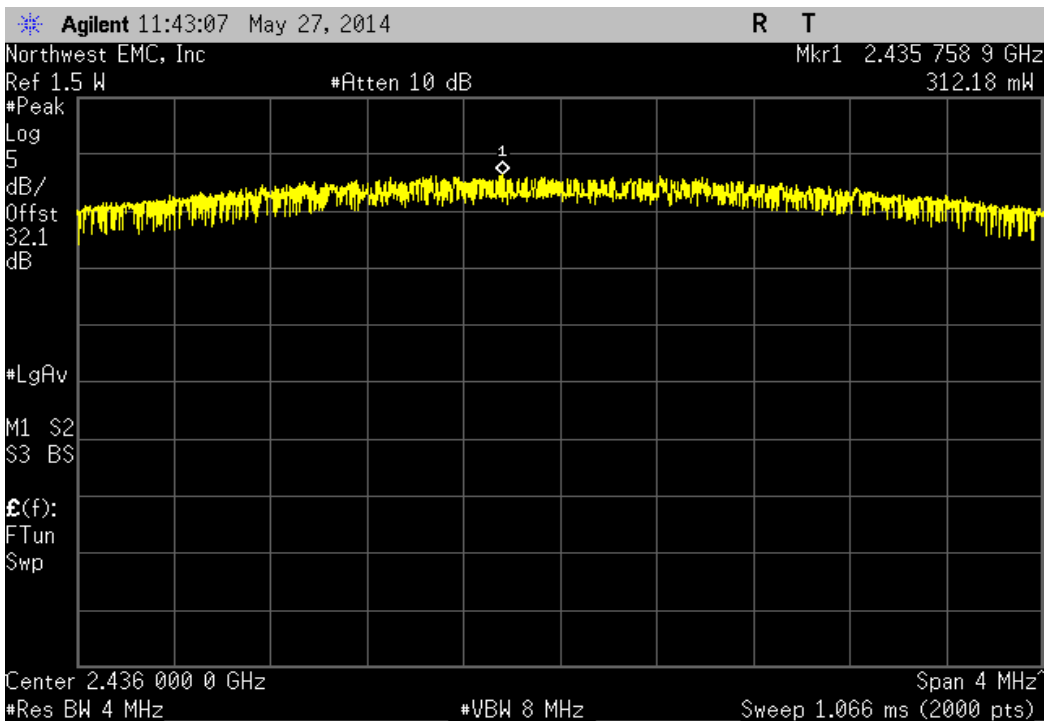
Value	Limit	Result
298.813 mW	< 1 W	Pass



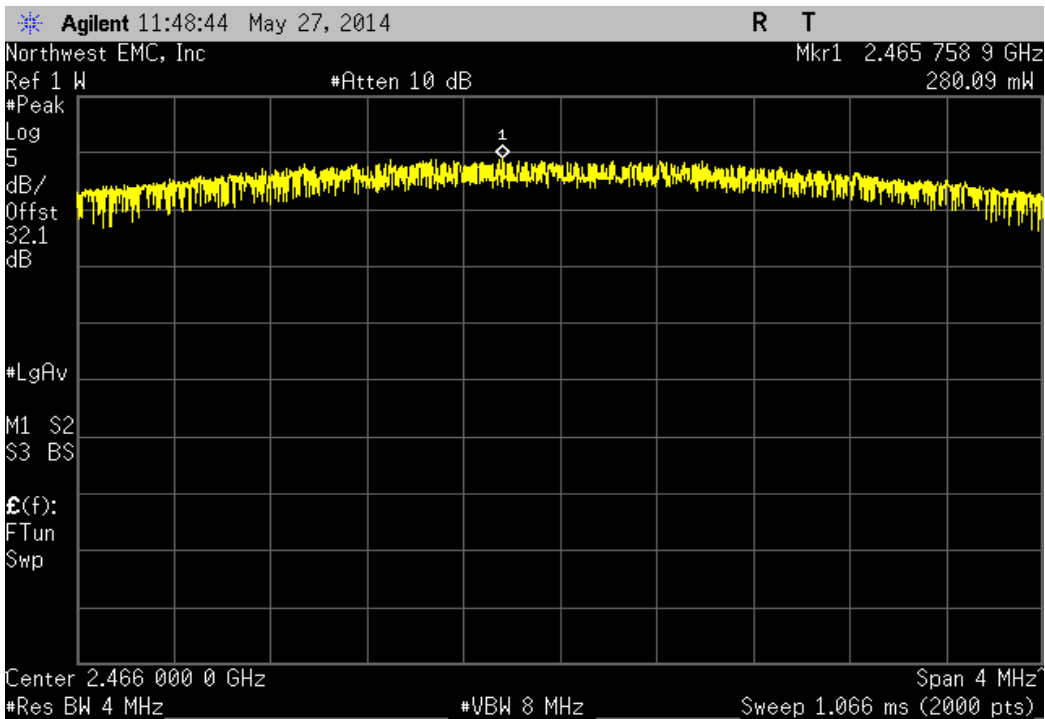
2400 MHz - 2483.5 MHz Band, 5MHz Bandwidth , Modulation Type, QPSK., Low Channel 2406 MHz			
	Value	Limit	Result
	435.211 mW	< 1 W	Pass



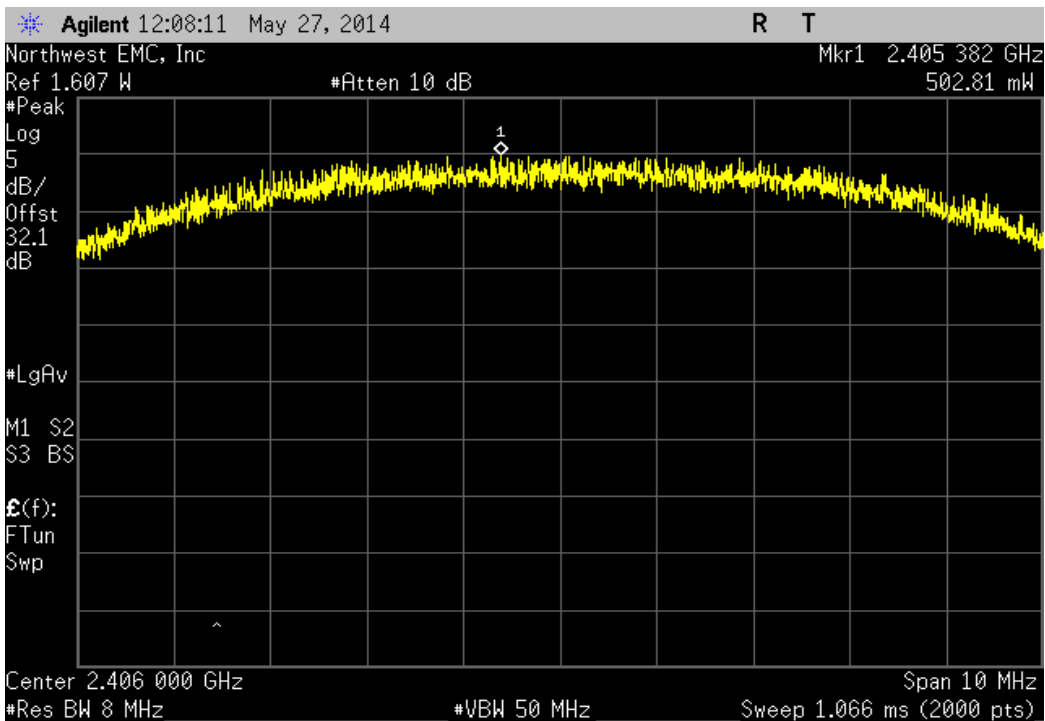
2400 MHz - 2483.5 MHz Band, 5MHz Bandwidth , Modulation Type, QPSK., Mid Channel 2436 MHz			
	Value	Limit	Result
	312.176 mW	< 1 W	Pass



2400 MHz - 2483.5 MHz Band, 5MHz Bandwidth , Modulation Type, QPSK., High Channel 2466 MHz		
Value	Limit	Result
280.092 mW	< 1 W	Pass

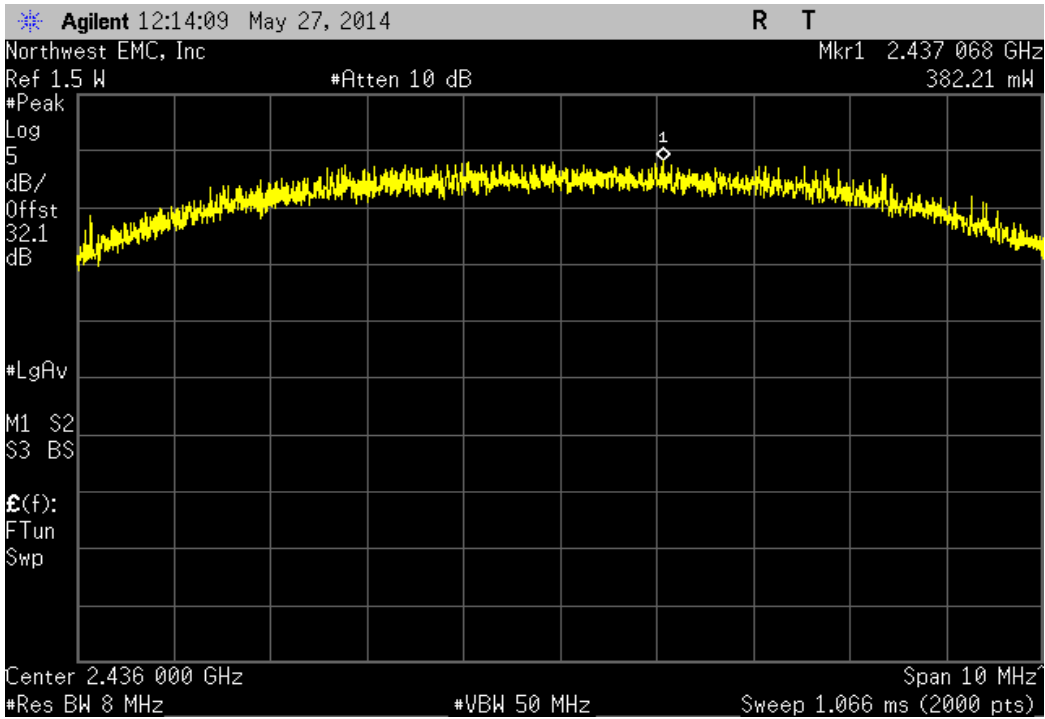


2400 MHz - 2483.5 MHz Band, 5MHz Bandwidth , Modulation Type, BPSK, Coding Rate, 1/2, Low Channel 2406 MHz		
Value	Limit	Result
502.805 mW	< 1 W	Pass



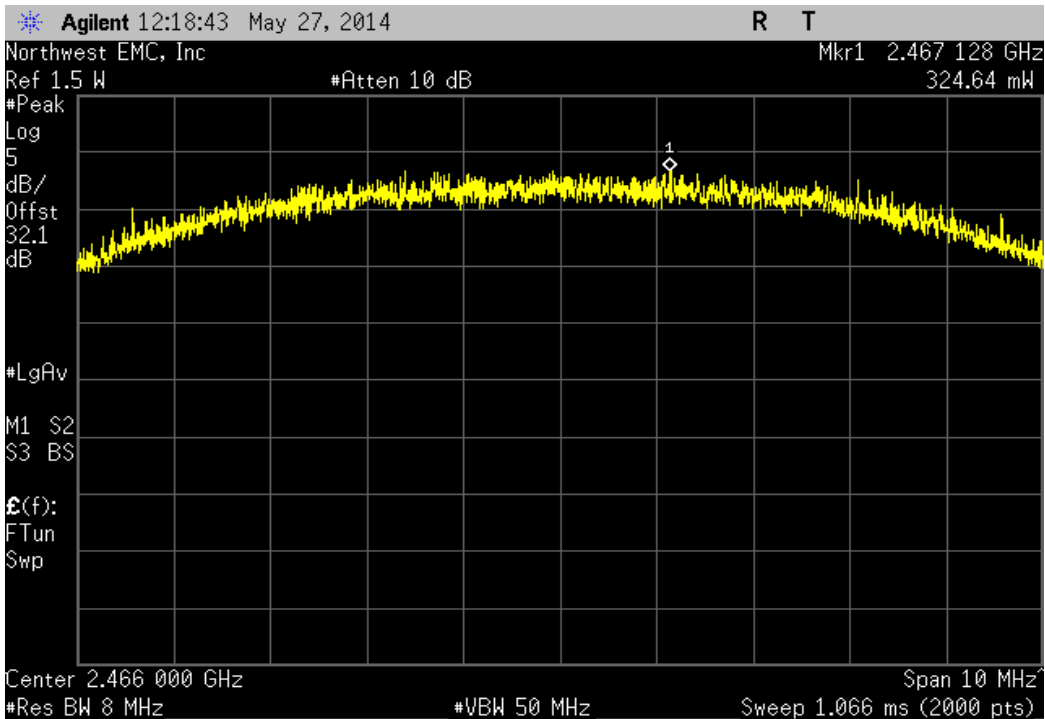
2400 MHz - 2483.5 MHz Band, 5MHz Bandwidth , Modulation Type, BPSK, Coding Rate, 1/2, Mid Channel 2436 MHz

Value	Limit	Result
382.208 mW	< 1 W	Pass

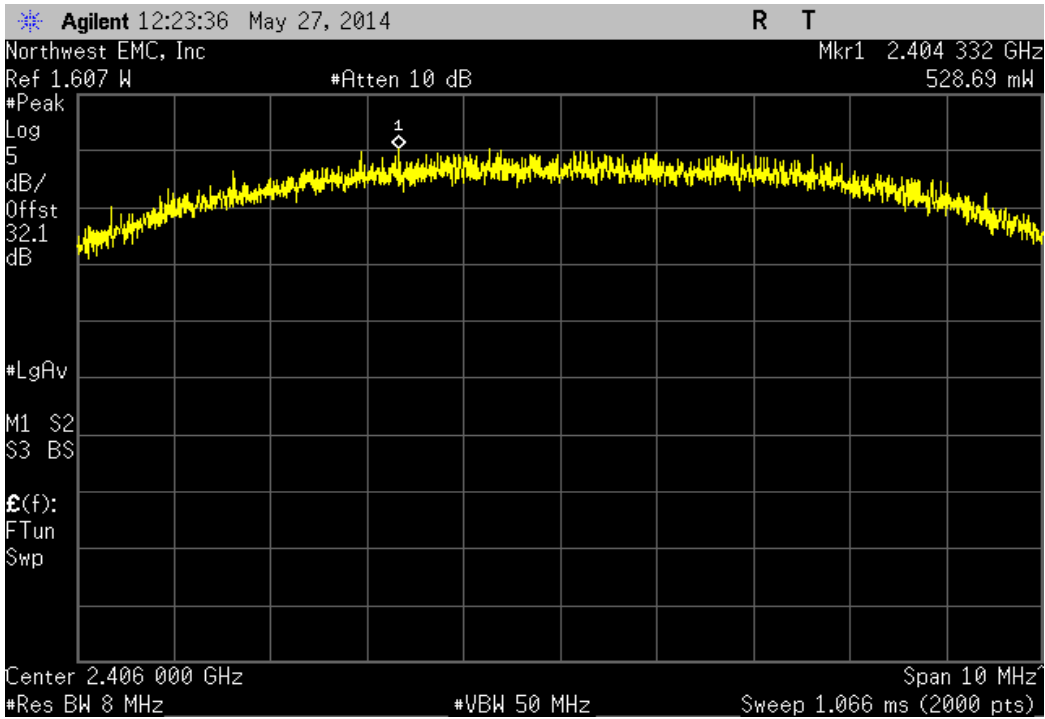


2400 MHz - 2483.5 MHz Band, 5MHz Bandwidth , Modulation Type, BPSK, Coding Rate, 1/2, High Channel 2466 MHz

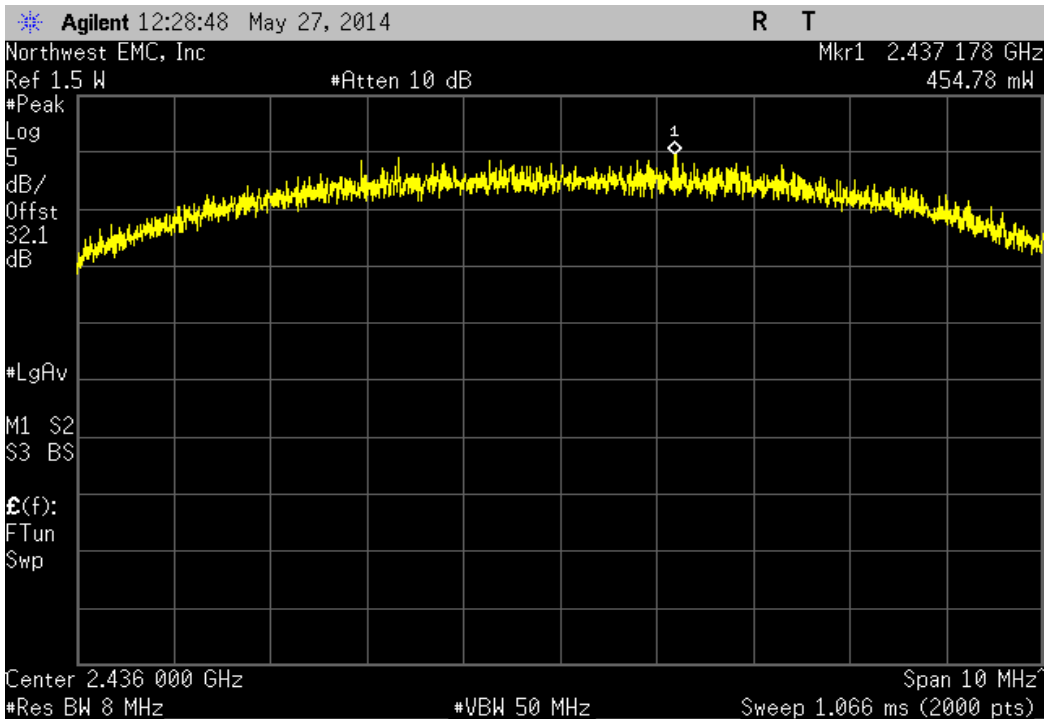
Value	Limit	Result
324.638 mW	< 1 W	Pass



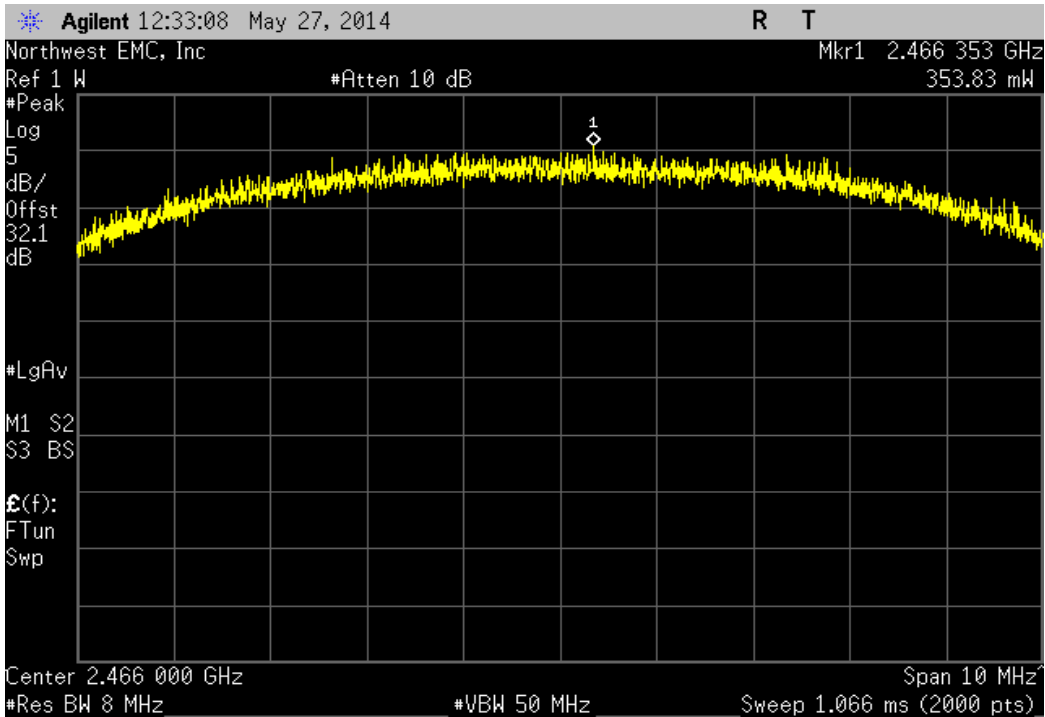
2400 MHz - 2483.5 MHz Band, 5MHz Bandwidth , Modulation Type, 16-QAM, Coding Rate, 3/4., Low Channel 2406 MHz			
	Value	Limit	Result
	528.689 mW	< 1 W	Pass



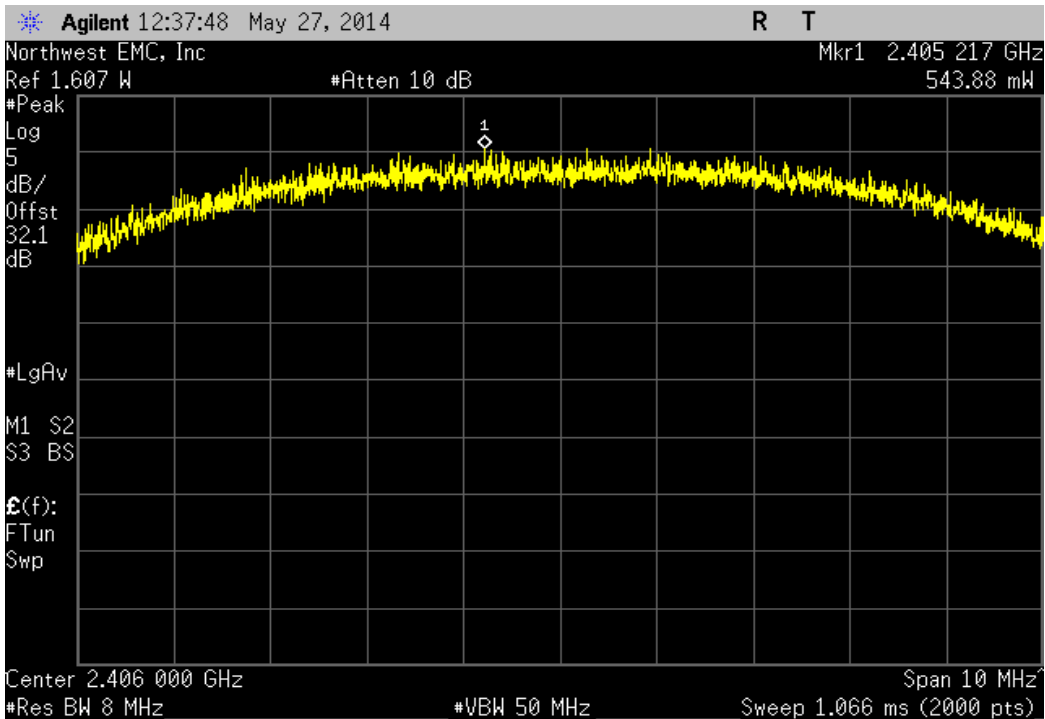
2400 MHz - 2483.5 MHz Band, 5MHz Bandwidth , Modulation Type, 16-QAM, Coding Rate, 3/4., Mid Channel 2436 MHz			
	Value	Limit	Result
	454.779 mW	< 1 W	Pass



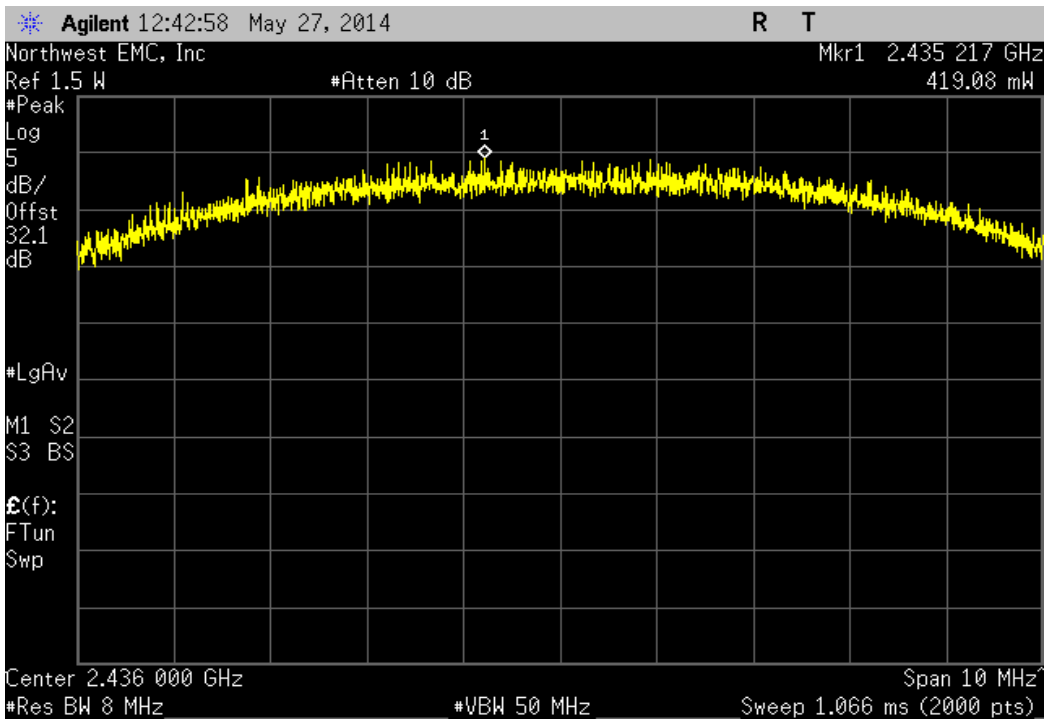
2400 MHz - 2483.5 MHz Band, 5MHz Bandwidth , Modulation Type, 16-QAM, Coding Rate, 3/4., High Channel 2466 MHz			
	Value	Limit	Result
	353.834 mW	< 1 W	Pass



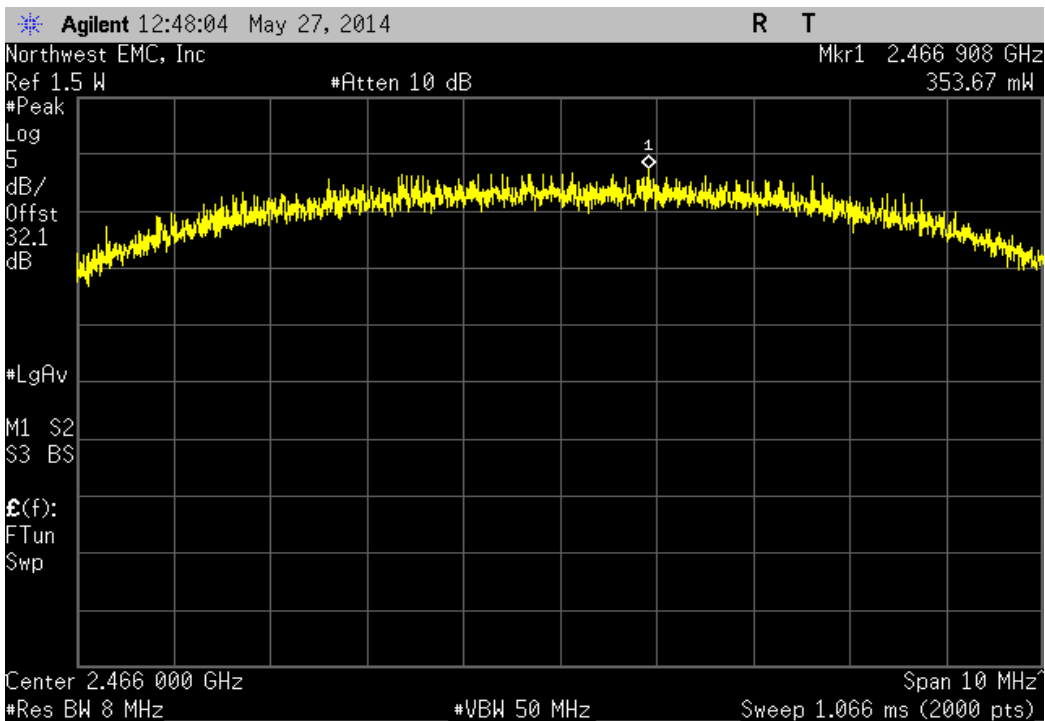
2400 MHz - 2483.5 MHz Band, 5MHz Bandwidth , Modulation Type, 64-QAM, Coding Rate, 3/4., Low Channel 2406 MHz			
	Value	Limit	Result
	543.876 mW	< 1 W	Pass



2400 MHz - 2483.5 MHz Band, 5MHz Bandwidth , Modulation Type, 64-QAM, Coding Rate, 3/4., Mid Channel 2436 MHz			
	Value	Limit	Result
	419.083 mW	< 1 W	Pass

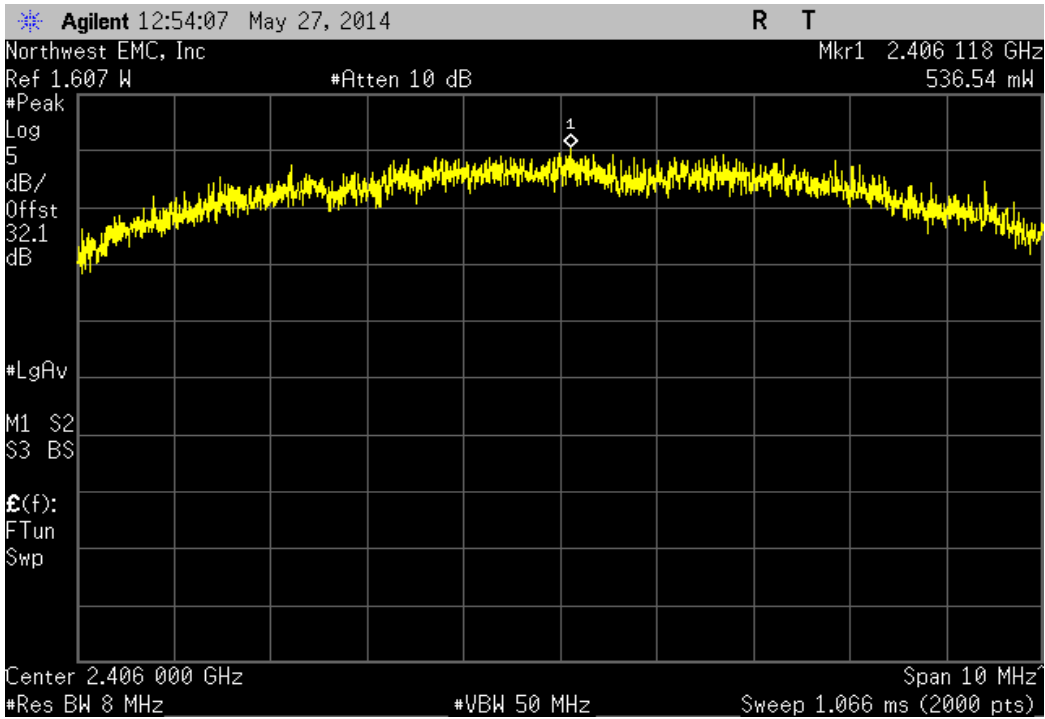


2400 MHz - 2483.5 MHz Band, 5MHz Bandwidth , Modulation Type, 64-QAM, Coding Rate, 3/4., High Channel 2466 MHz			
	Value	Limit	Result
	353.671 mW	< 1 W	Pass



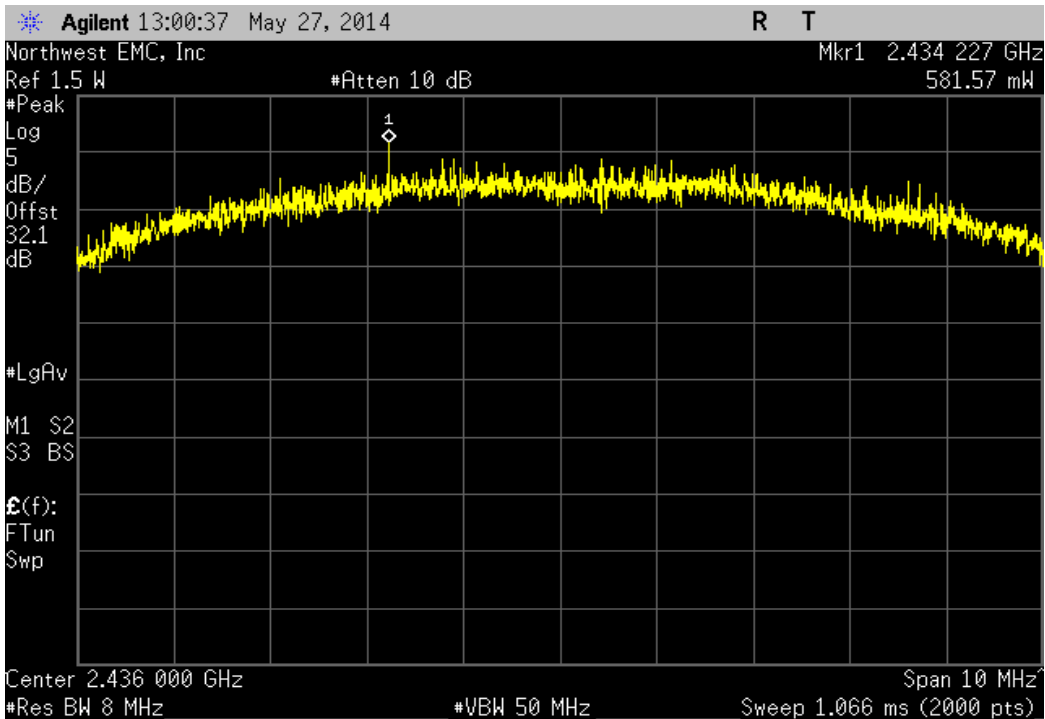
2400 MHz - 2483.5 MHz Band, 5MHz Bandwidth , Modulation Type, BPSK, Coding Rate, 1/2. , Low Channel 2406 MHz

Value	Limit	Result
536.537 mW	< 1 W	Pass



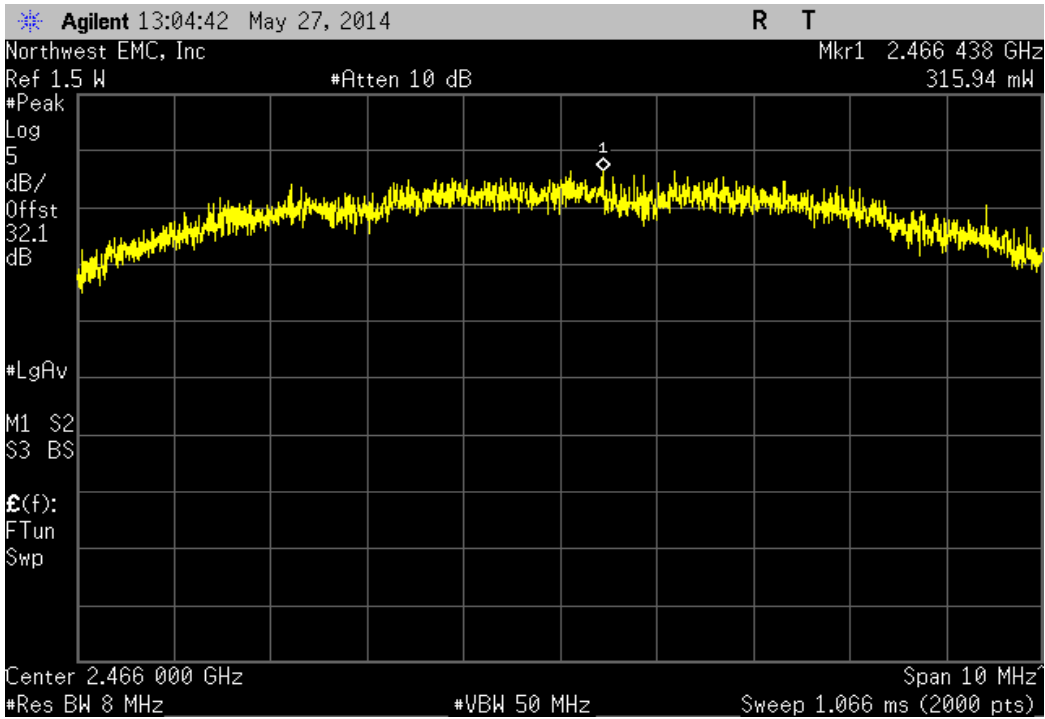
2400 MHz - 2483.5 MHz Band, 5MHz Bandwidth , Modulation Type, BPSK, Coding Rate, 1/2. , Mid Channel 2436 MHz

Value	Limit	Result
581.567 mW	< 1 W	Pass



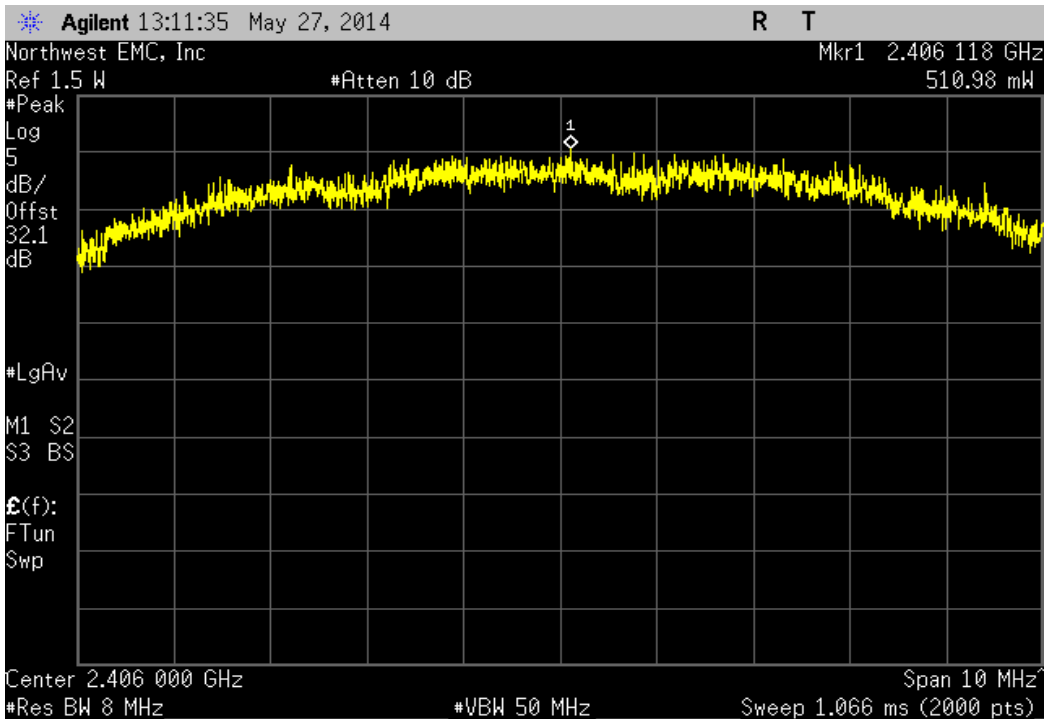
2400 MHz - 2483.5 MHz Band, 5MHz Bandwidth , Modulation Type, BPSK, Coding Rate, 1/2. , High Channel 2466 MHz

Value	Limit	Result
315.937 mW	< 1 W	Pass

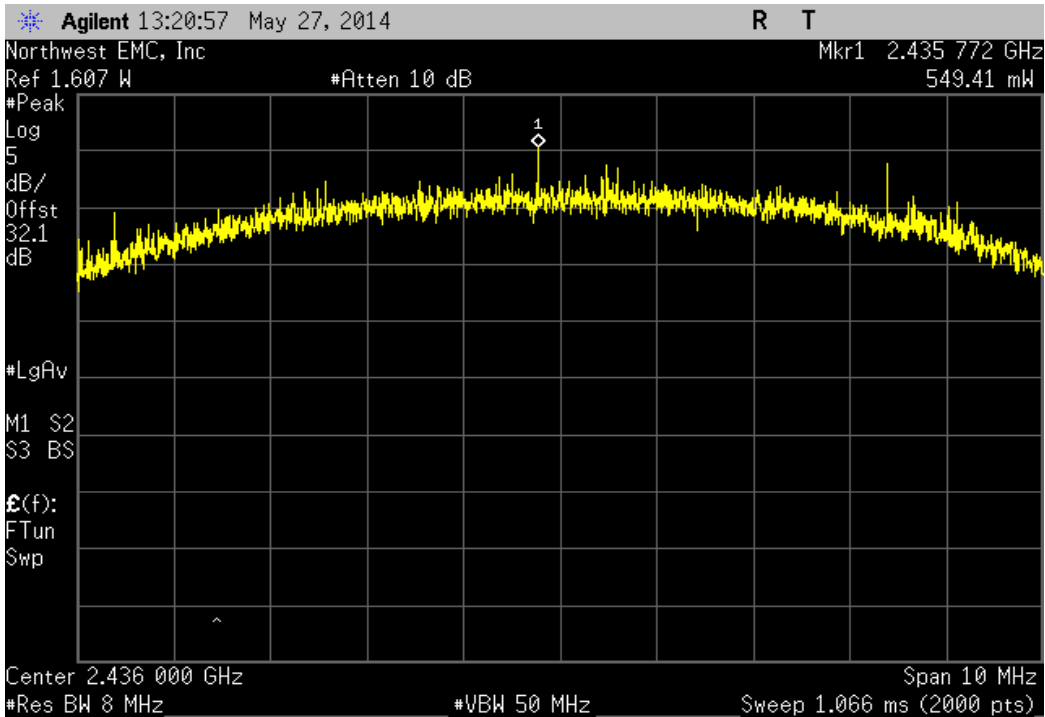


2400 MHz - 2483.5 MHz Band, 5MHz Bandwidth , Modulation Type, 64-QAM, Coding Rate, 5/6., Low Channel 2406 MHz

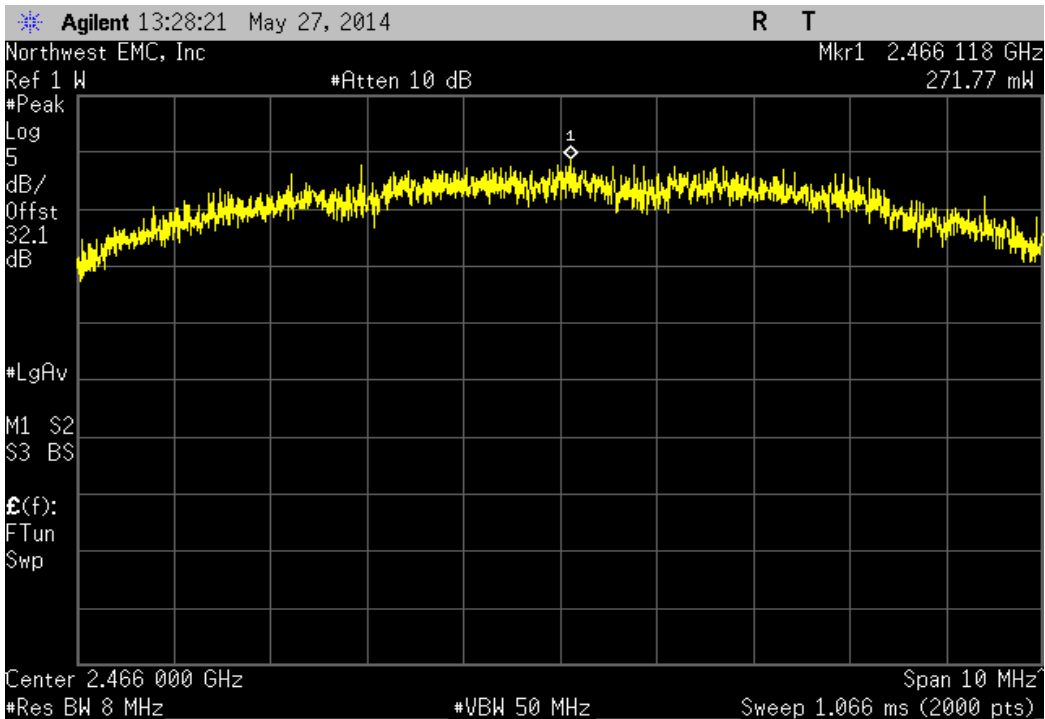
Value	Limit	Result
510.975 mW	< 1 W	Pass



2400 MHz - 2483.5 MHz Band, 5MHz Bandwidth , Modulation Type, 64-QAM, Coding Rate, 5/6., Mid Channel 2436 MHz			
	Value	Limit	Result
	549.414 mW	< 1 W	Pass

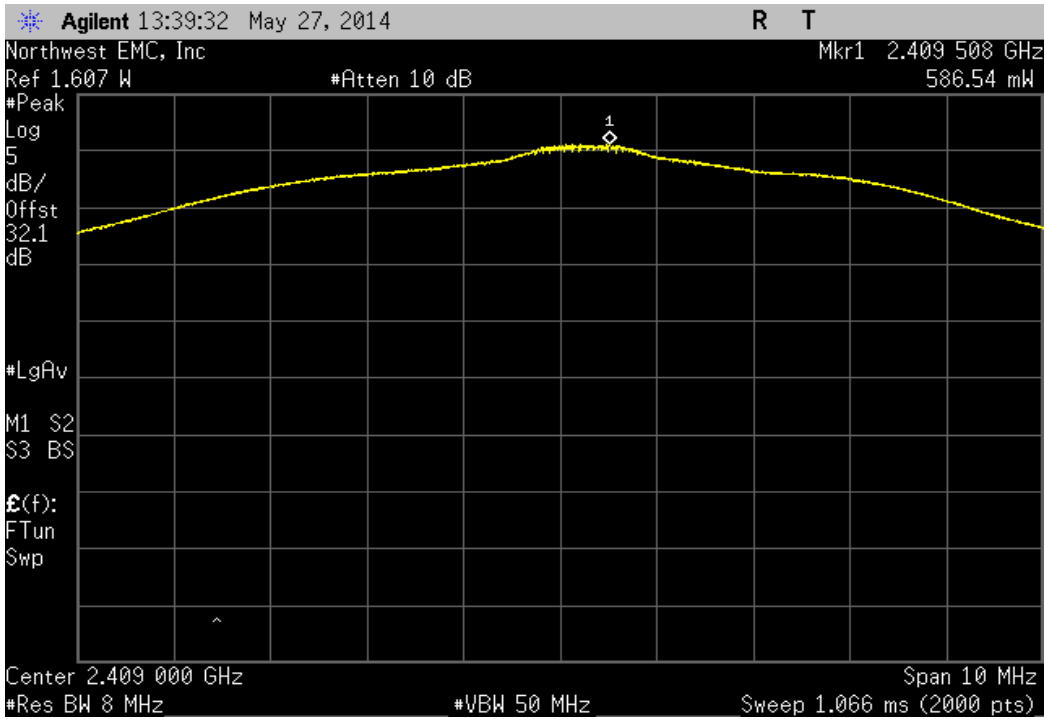


2400 MHz - 2483.5 MHz Band, 5MHz Bandwidth , Modulation Type, 64-QAM, Coding Rate, 5/6., High Channel 2466 MHz			
	Value	Limit	Result
	271.769 mW	< 1 W	Pass



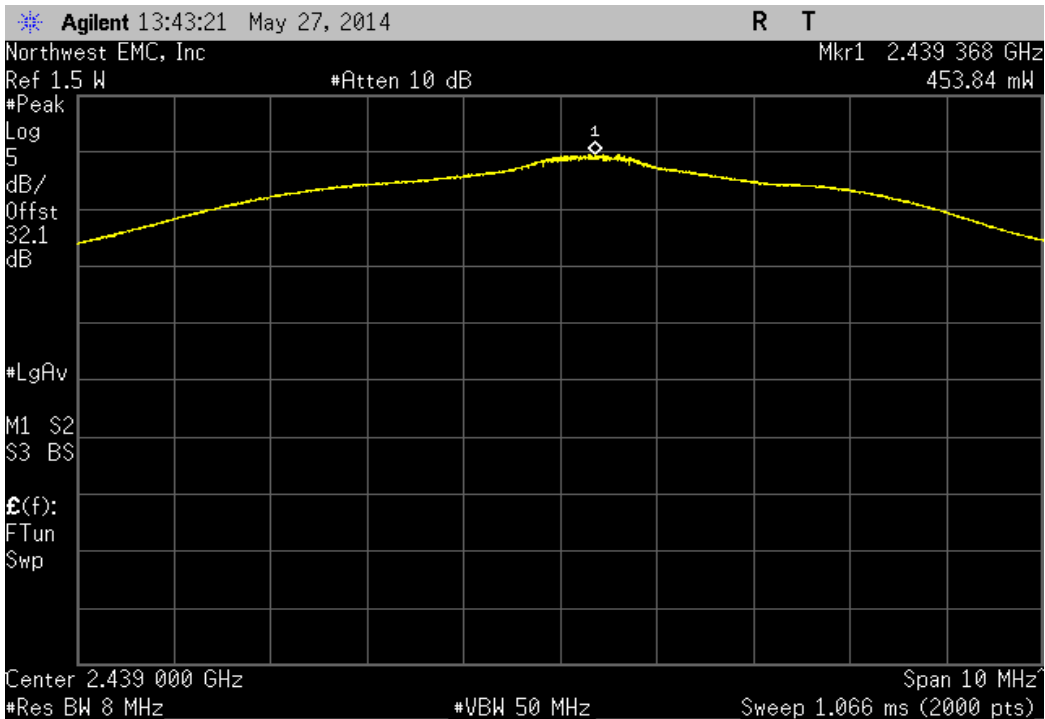
2400 MHz - 2483.5 MHz Band, 10MHz Bandwidth , Modulation Type, DBPSK., Low Channel 2409 MHz

Value	Limit	Result
586.543 mW	< 1 W	Pass



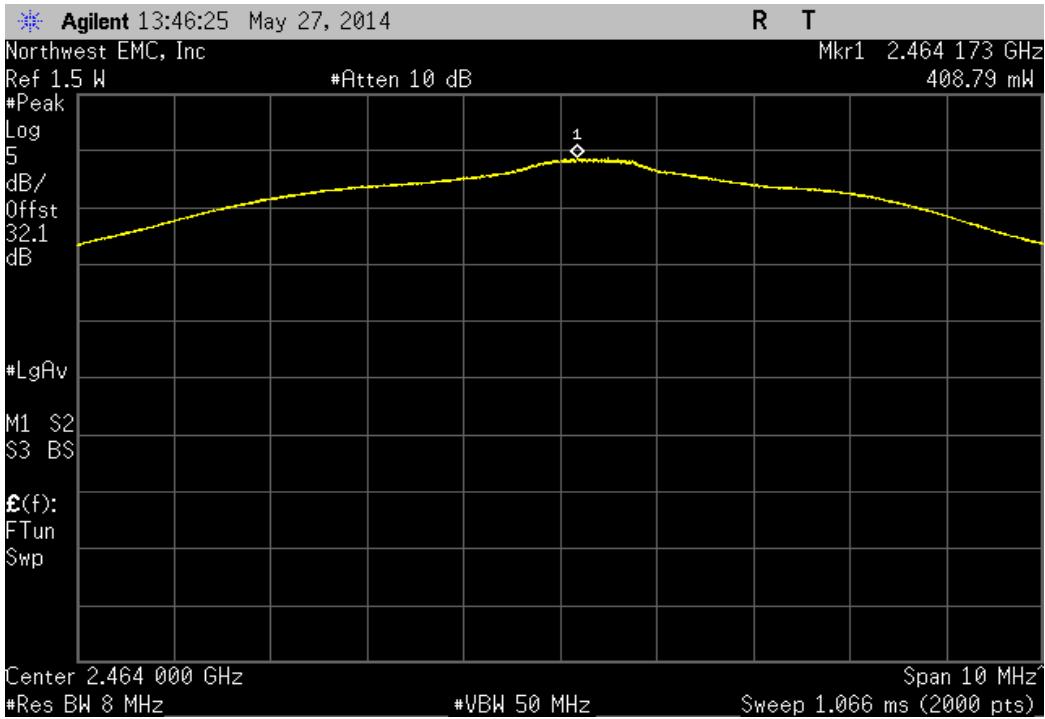
2400 MHz - 2483.5 MHz Band, 10MHz Bandwidth , Modulation Type, DBPSK., Mid Channel 2439 MHz

Value	Limit	Result
453.837 mW	< 1 W	Pass



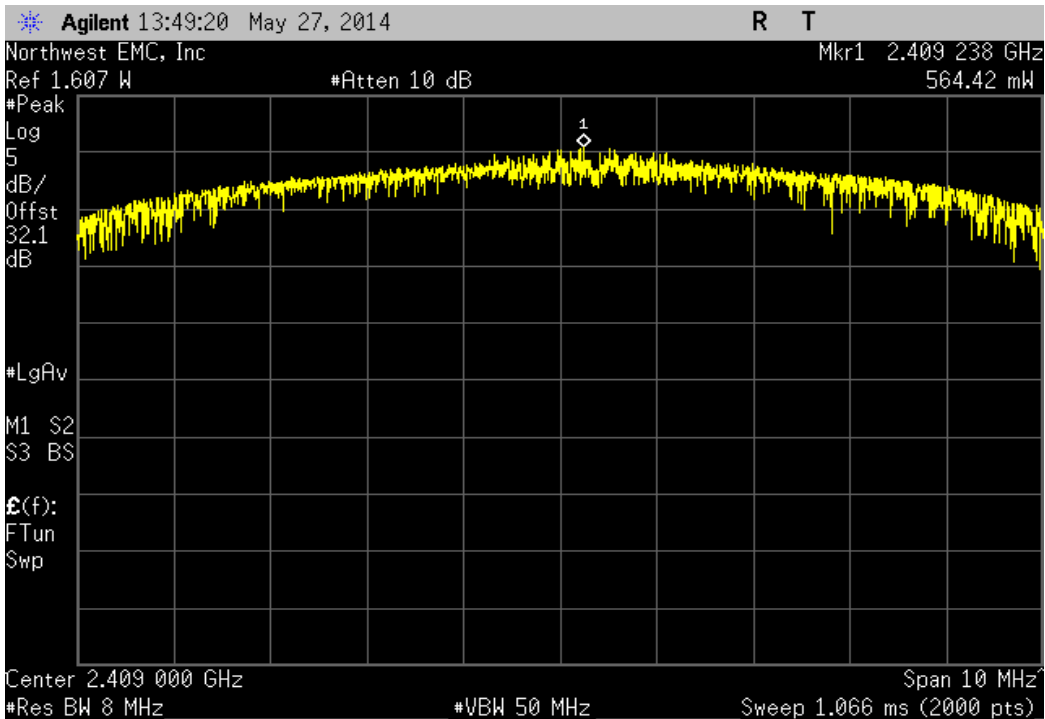
2400 MHz - 2483.5 MHz Band, 10MHz Bandwidth , Modulation Type, DBPSK., High Channel 2464 MHz

Value	Limit	Result
408.79 mW	< 1 W	Pass



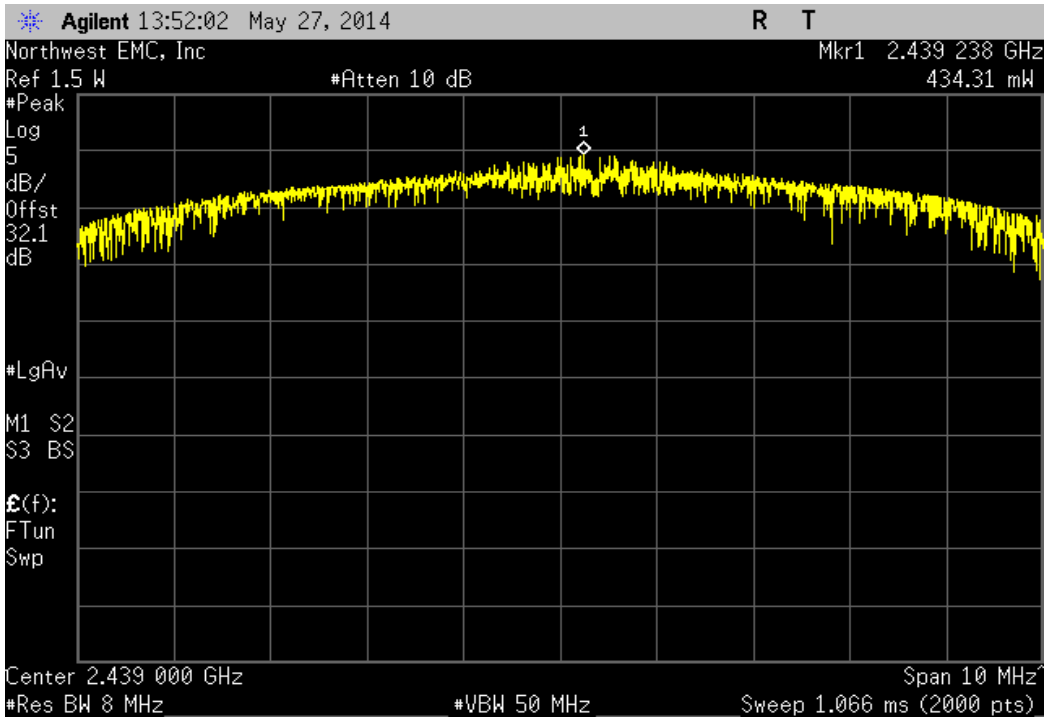
2400 MHz - 2483.5 MHz Band, 10MHz Bandwidth , Modulation Type, QPSK., Low Channel 2409 MHz

Value	Limit	Result
564.417 mW	< 1 W	Pass



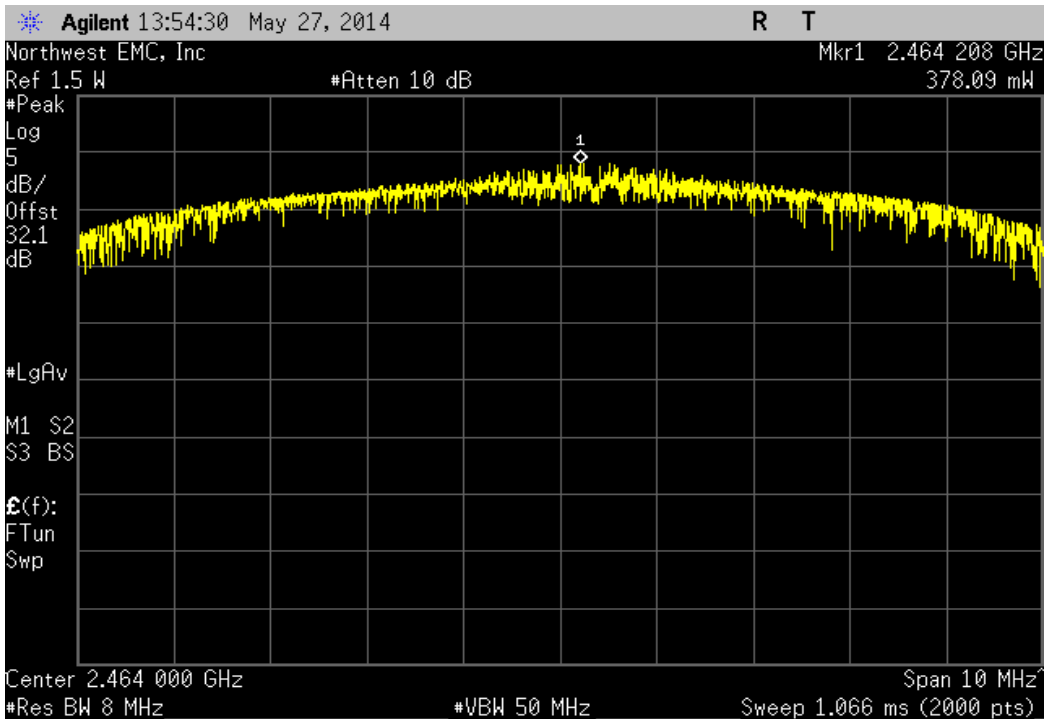
2400 MHz - 2483.5 MHz Band, 10MHz Bandwidth , Modulation Type, QPSK., Mid Channel 2439 MHz

Value	Limit	Result
434.31 mW	< 1 W	Pass



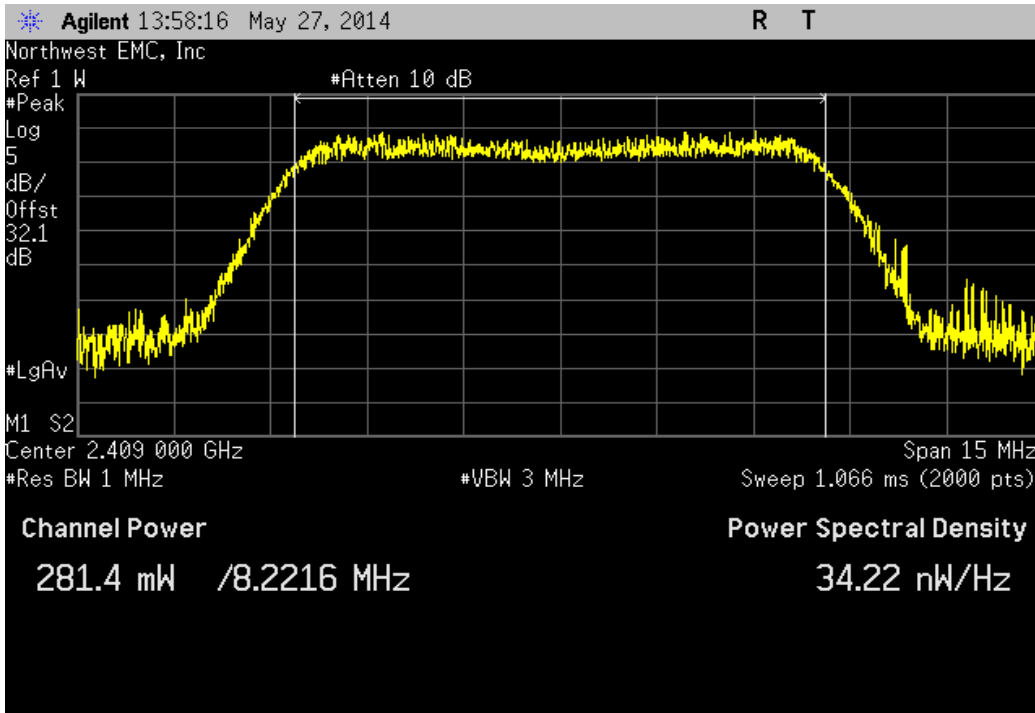
2400 MHz - 2483.5 MHz Band, 10MHz Bandwidth , Modulation Type, QPSK., High Channel 2464 MHz

Value	Limit	Result
378.094 mW	< 1 W	Pass



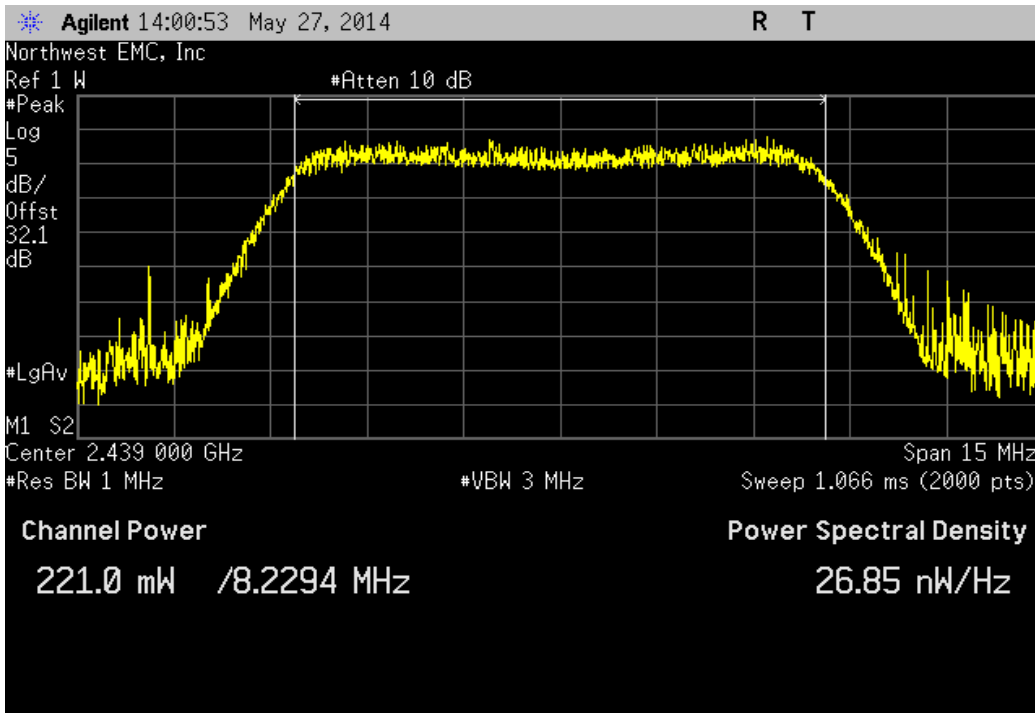
2400 MHz - 2483.5 MHz Band, 10MHz Bandwidth , Modulation Type, BPSK, Coding Rate, 1/2, Low Channel 2409 MHz

	Value	Limit	Result
	281.354 mW	< 1 W	Pass

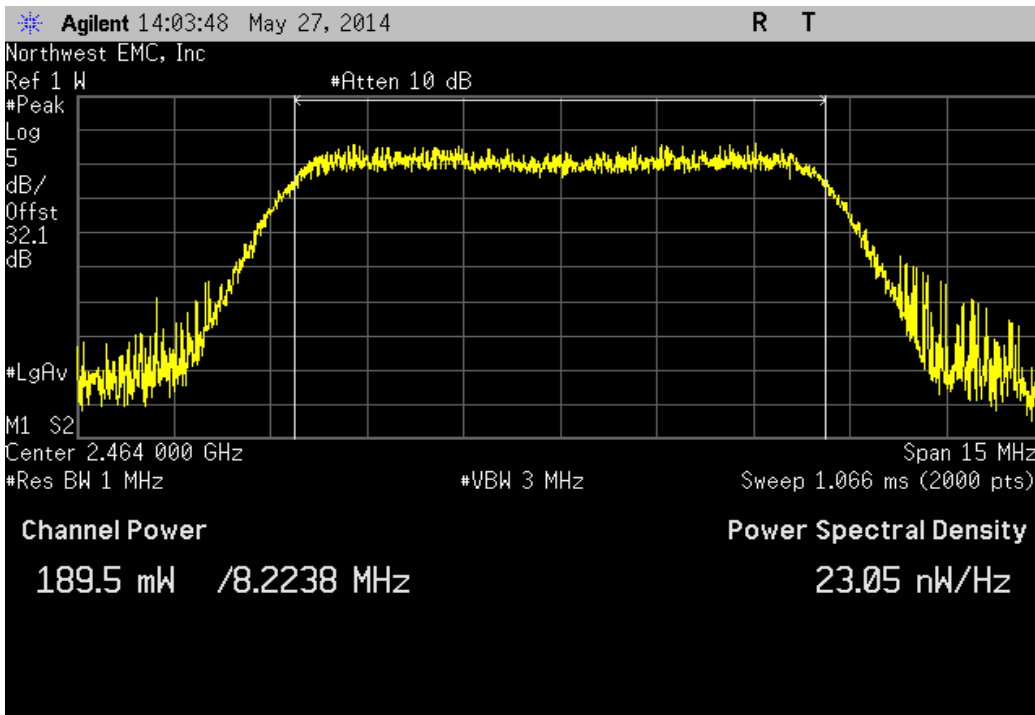


2400 MHz - 2483.5 MHz Band, 10MHz Bandwidth , Modulation Type, BPSK, Coding Rate, 1/2, Mid Channel 2439 MHz

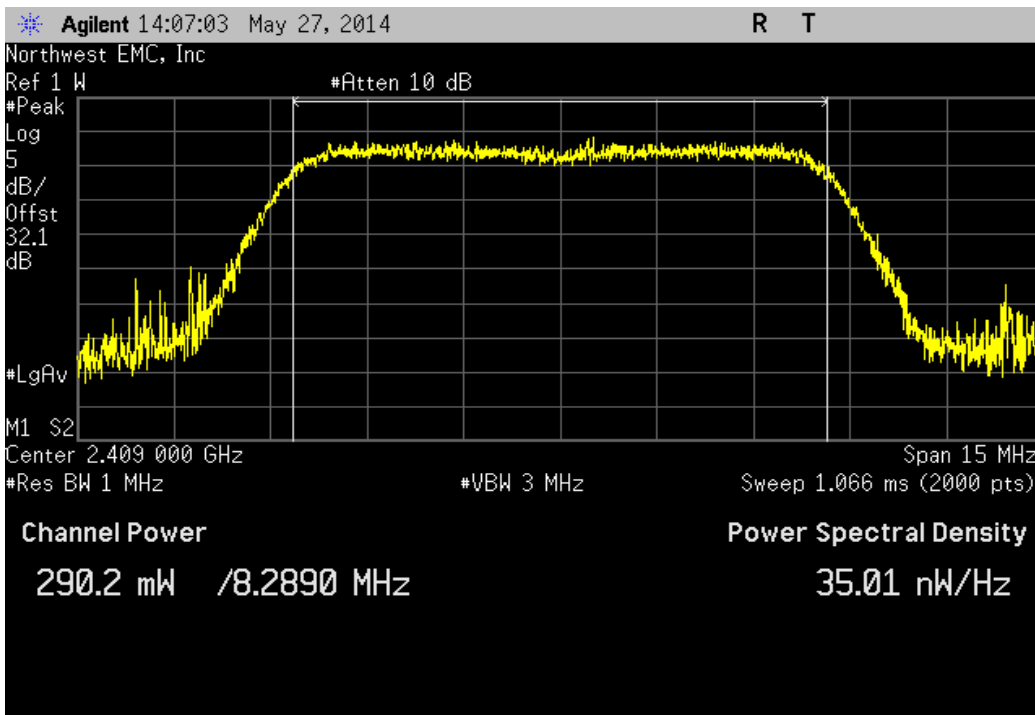
	Value	Limit	Result
	220.963 mW	< 1 W	Pass



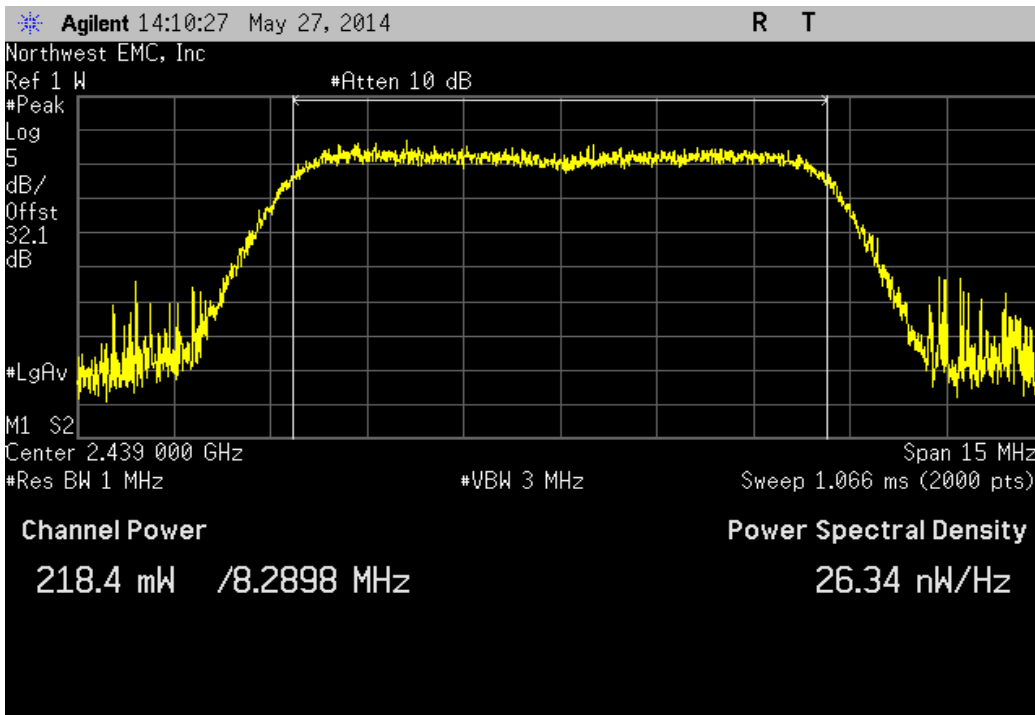
2400 MHz - 2483.5 MHz Band, 10MHz Bandwidth , Modulation Type, BPSK, Coding Rate, 1/2, High Channel 2464 MHz			
	Value	Limit	Result
	189.54 mW	< 1 W	Pass



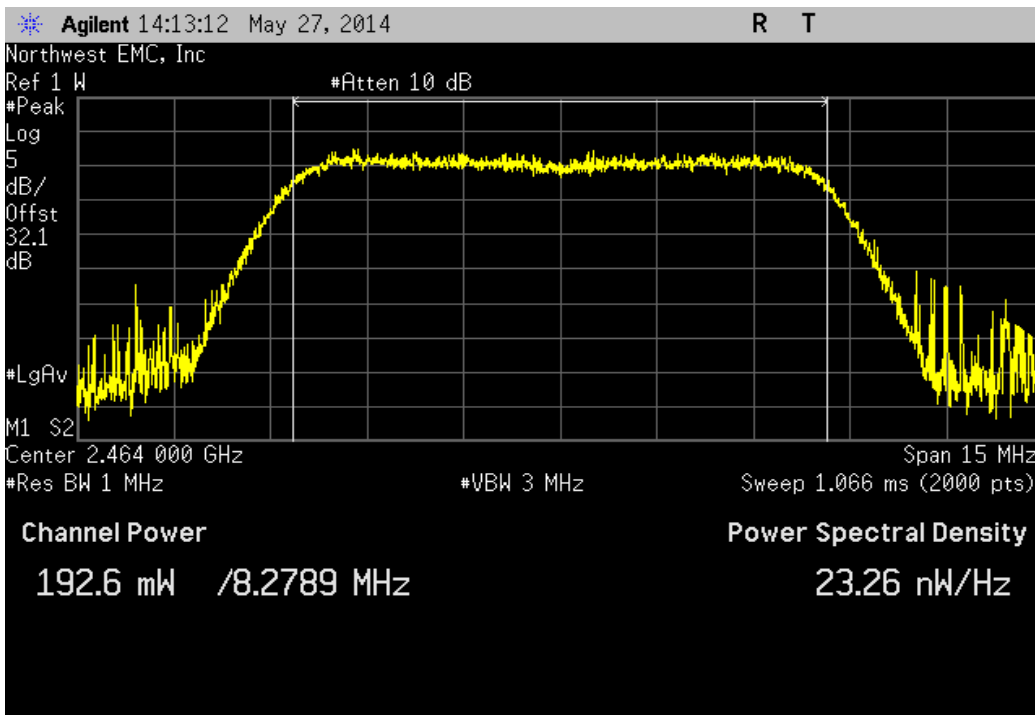
2400 MHz - 2483.5 MHz Band, 10MHz Bandwidth , Modulation Type, 16-QAM, Coding Rate, 3/4., Low Channel 2409 MHz			
	Value	Limit	Result
	290.155 mW	< 1 W	Pass



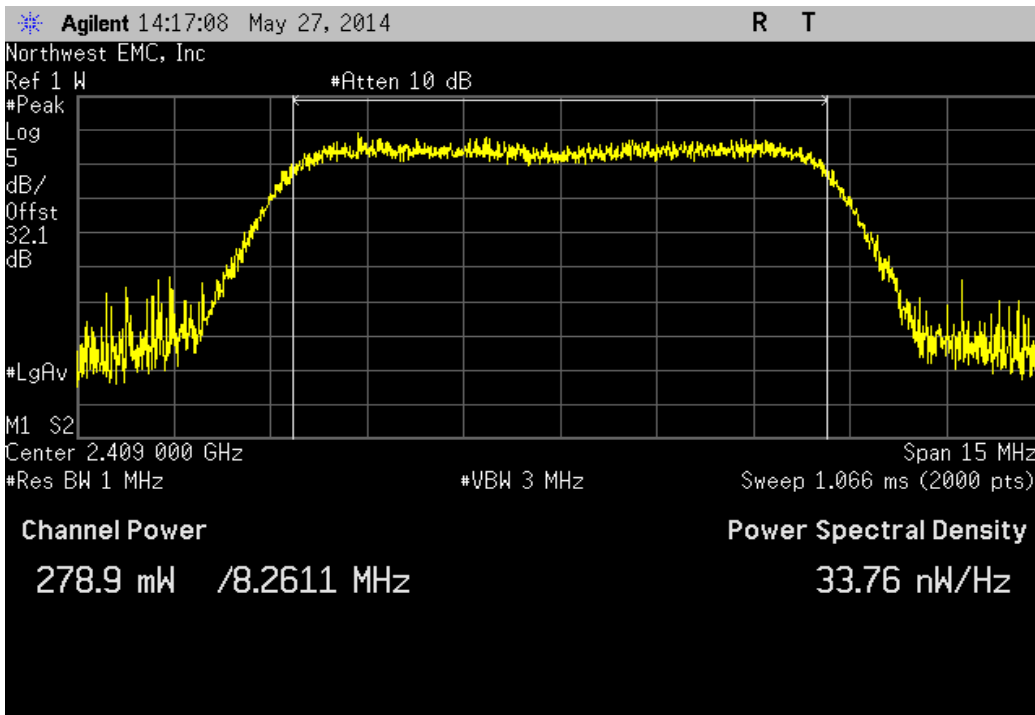
2400 MHz - 2483.5 MHz Band, 10MHz Bandwidth , Modulation Type, 16-QAM, Coding Rate, 3/4., Mid Channel 2439 MHz			
	Value	Limit	Result
	218.396 mW	< 1 W	Pass



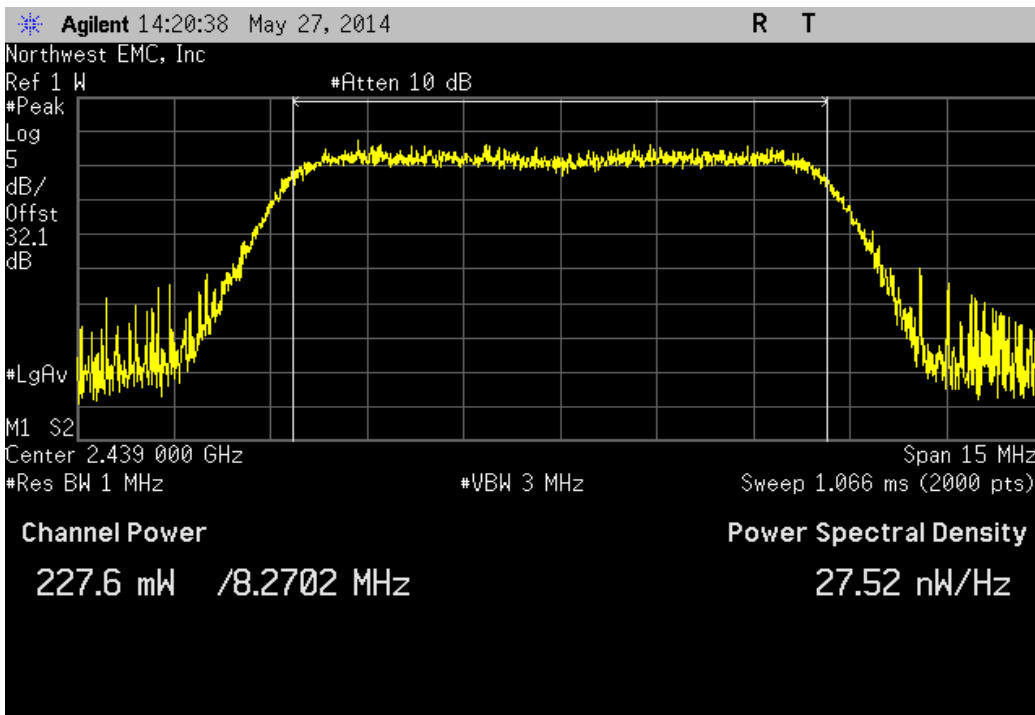
2400 MHz - 2483.5 MHz Band, 10MHz Bandwidth , Modulation Type, 16-QAM, Coding Rate, 3/4., High Channel 2464 MHz			
	Value	Limit	Result
	192.608 mW	< 1 W	Pass



2400 MHz - 2483.5 MHz Band, 10MHz Bandwidth , Modulation Type, 64-QAM, Coding Rate, 3/4., Low Channel 2409 MHz			
	Value	Limit	Result
	278.873 mW	< 1 W	Pass

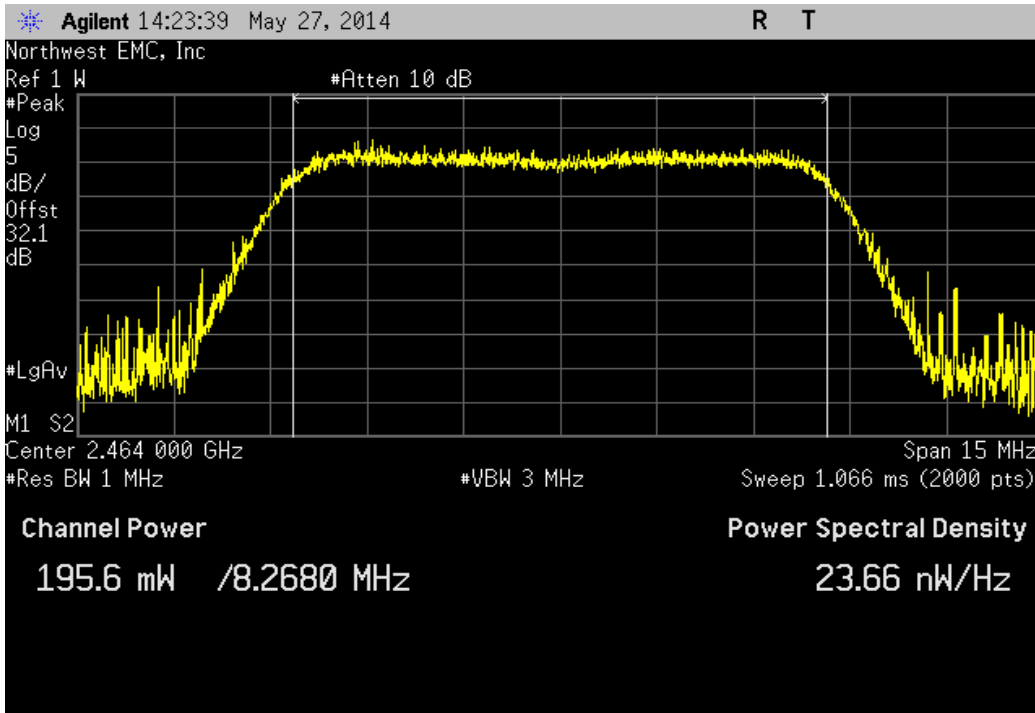


2400 MHz - 2483.5 MHz Band, 10MHz Bandwidth , Modulation Type, 64-QAM, Coding Rate, 3/4., Mid Channel 2439 MHz			
	Value	Limit	Result
	227.555 mW	< 1 W	Pass



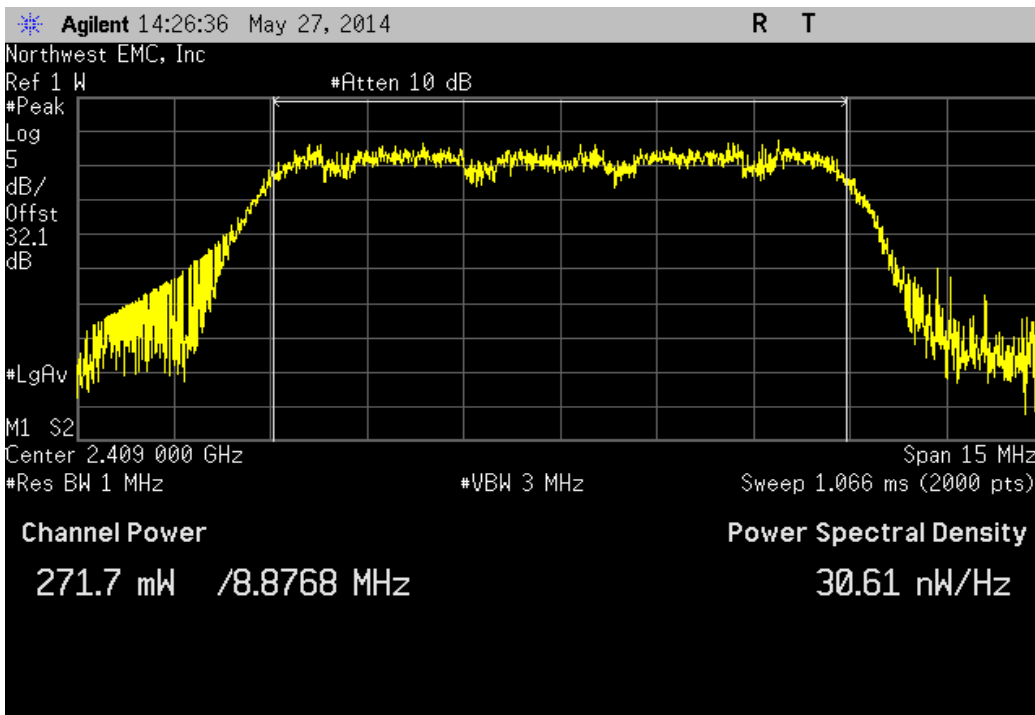
2400 MHz - 2483.5 MHz Band, 10MHz Bandwidth , Modulation Type, 64-QAM, Coding Rate, 3/4., High Channel 2464 MHz

	Value	Limit	Result
	195.622 mW	< 1 W	Pass



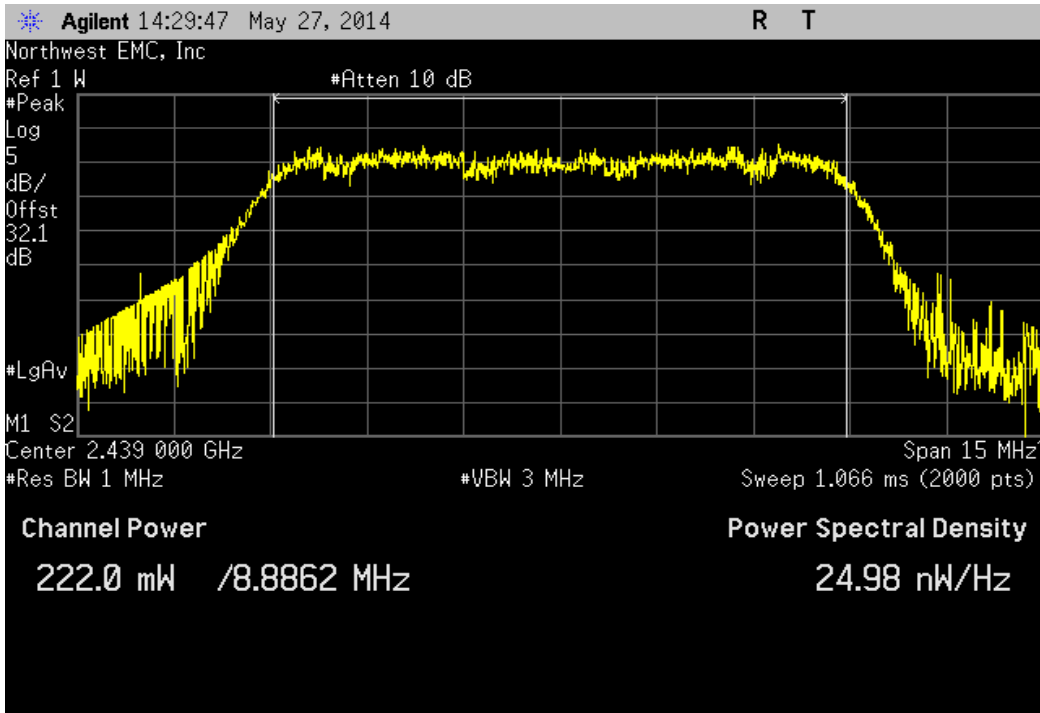
2400 MHz - 2483.5 MHz Band, 10MHz Bandwidth , Modulation Type, BPSK, Coding Rate, 1/2. , Low Channel 2409 MHz

	Value	Limit	Result
	271.702 mW	< 1 W	Pass



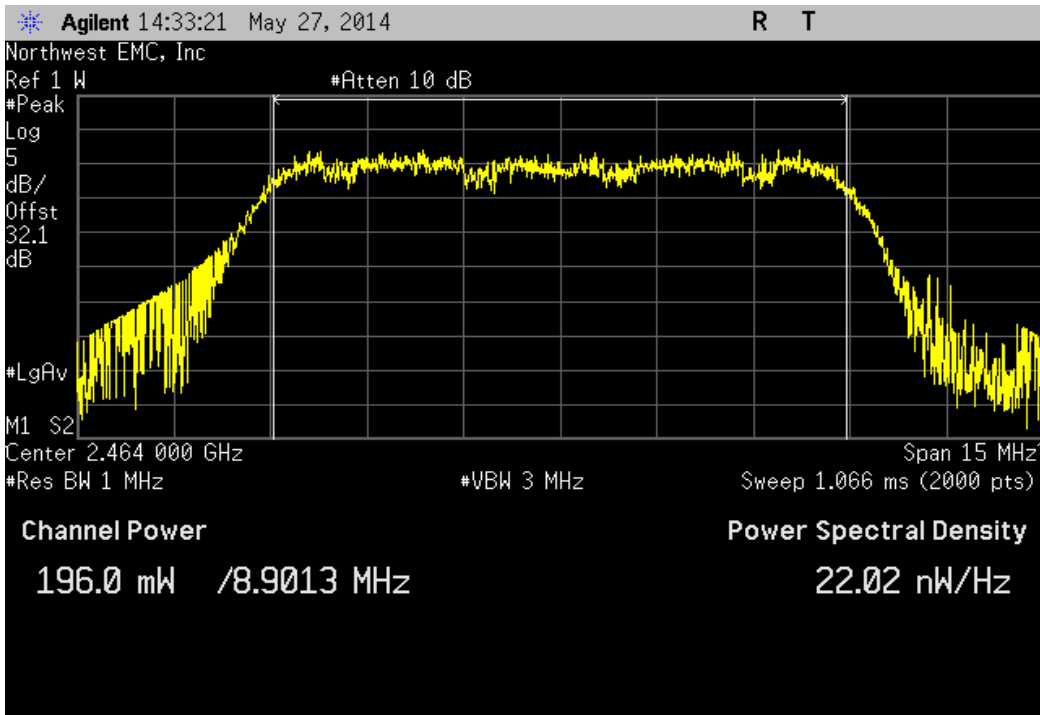
2400 MHz - 2483.5 MHz Band, 10MHz Bandwidth , Modulation Type, BPSK, Coding Rate, 1/2. , Mid Channel 2439 MHz

Value	Limit	Result
221.988 mW	< 1 W	Pass



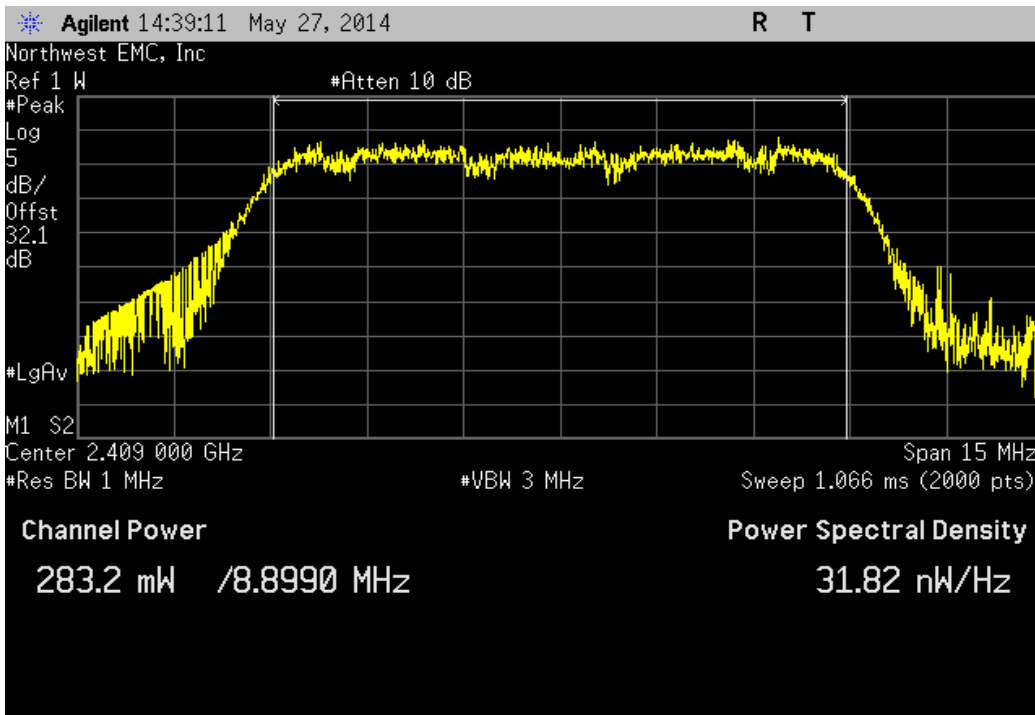
2400 MHz - 2483.5 MHz Band, 10MHz Bandwidth , Modulation Type, BPSK, Coding Rate, 1/2. , High Channel 2464 MHz

Value	Limit	Result
196.009 mW	< 1 W	Pass



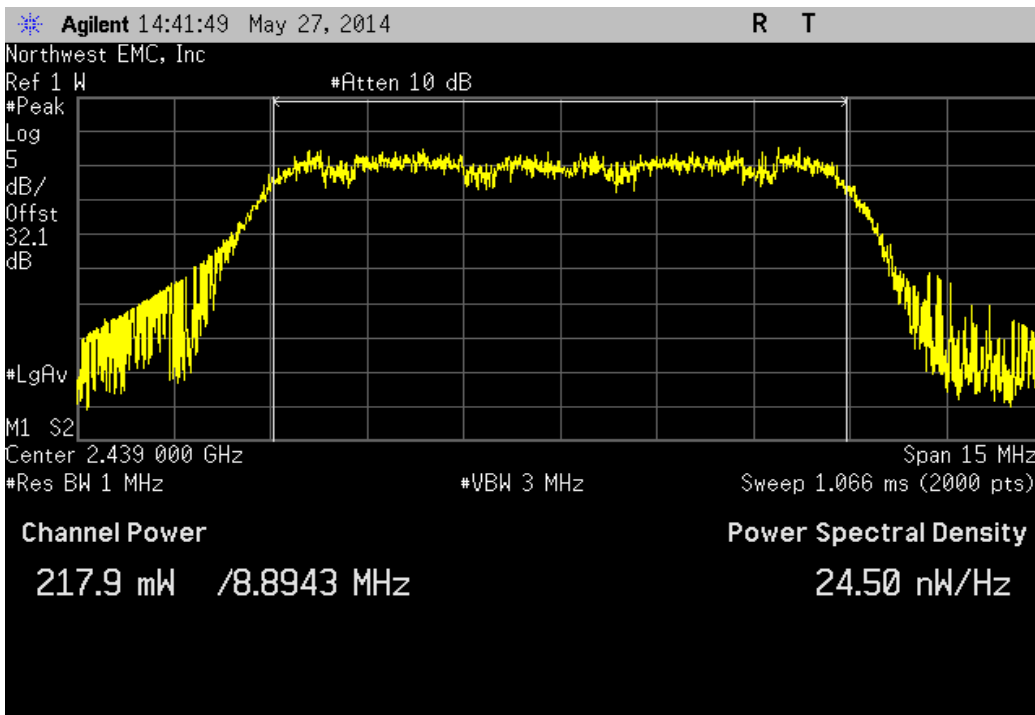
2400 MHz - 2483.5 MHz Band, 10MHz Bandwidth , Modulation Type, 64-QAM, Coding Rate, 5/6., Low Channel 2409 MHz

	Value	Limit	Result
	283.192 mW	< 1 W	Pass



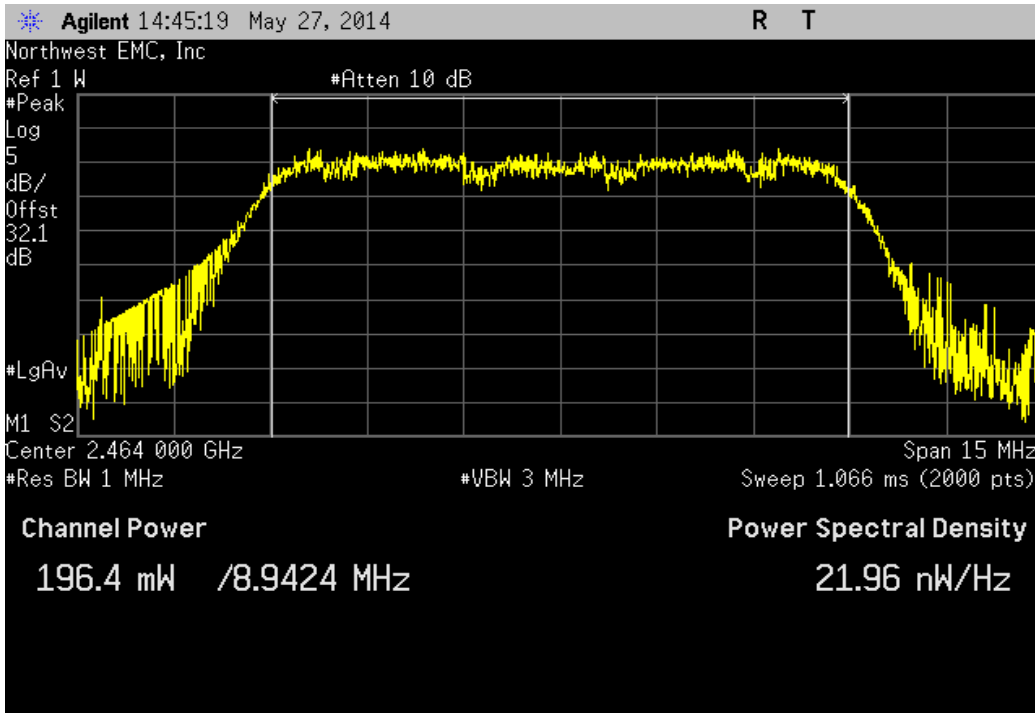
2400 MHz - 2483.5 MHz Band, 10MHz Bandwidth , Modulation Type, 64-QAM, Coding Rate, 5/6., Mid Channel 2439 MHz

	Value	Limit	Result
	217.929 mW	< 1 W	Pass



2400 MHz - 2483.5 MHz Band, 10MHz Bandwidth , Modulation Type, 64-QAM, Coding Rate, 5/6., High Channel 2464 MHz

Value	Limit	Result
196.376 mW	< 1 W	Pass



OUTPUT POWER - 2x2 MIMO

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
40GHz DC Block	Miteq	DCB4000	AMD	4/28/2014	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 6 dB, SMA M/F 26GHz	S.M. Electronics	SA26B-6	AUX	7/30/2013	12
Power Meter	Agilent	N1913A	SQR	4/29/2013	36
Power Sensor	Agilent	E9300H	SQO	4/29/2013	36
Spectrum Analyzer	Agilent	E4446A	AAQ	1/21/2014	24
100W Analog Signal Generator	Agilent	N5183A	TID	9/19/2011	36

TEST DESCRIPTION

The transmit frequency was set to the required channels in each band. The transmit power was set to its default maximum. A direct connection was made between the RF output of the EUT and a spectrum analyzer. Attenuation and a DC block were used. The reference level offset on the spectrum analyzer was adjusted to compensate for cable loss and the external attenuation used between the RF output and the spectrum analyzer input.

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

The method found in KDB 558074 DTS D01 Measurement Section 9.1.1 was used because the RBW on the analyzer was greater than the DTS Bandwidth of the radio.

De Facto EIRP Limit: Per 47 CFR 15.247 (b)(1-3), the EUT meets the de facto EIRP limit of +36 dBm.



OUTPUT POWER - 2x2 MIMO

XMit 2014.02.07
PsaTx 2014.04.01

EUT: WavePoint 10e Industrial Wireless Router (W2400-01)	Work Order: FREW0026
Serial Number: 135268908	Date: 05/29/14
Customer: FreeWave Technologies, Inc.	Temperature: 22°C
Attendees: Dean Busch	Humidity: 36%
Project: None	Barometric Pres.: 1022
Tested by: Brandon Hobbs, Jared Ison	Power: 12 VDC
	Job Site: EV06

TEST SPECIFICATIONS	Test Method
FCC 15.247.2014	ANSI C63.10.2009

COMMENTS
An additional 10dB 5watt attenuator was used inline for all measurements made while under test. Please reference the power levels for this test in the power level table.

DEVIATIONS FROM TEST STANDARD

Configuration #	1	Signature 
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	Value	Limit	Result
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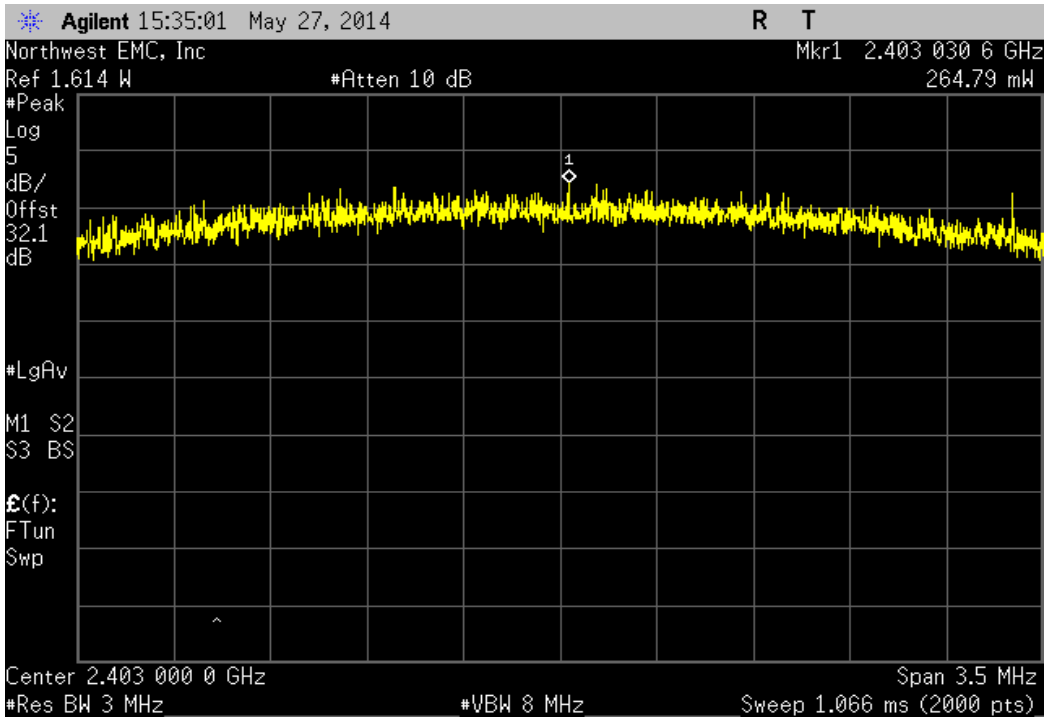
Chain 1			
2400 MHz - 2483.5 MHz Band			
2.5MHz Bandwidth			
2x2 Modulation Type, BPSK, Coding Rate, 1/2.			
Low Channel 2403 MHz	264.789 mW	< 1 W	N/A
Mid Channel 2435 MHz	168.229 mW	< 1 W	N/A
High Channel 2470 MHz	263.451 mW	< 1 W	N/A
2x2 Modulation Type, 64-QAM, Coding Rate, 5/6.			
Low Channel 2403 MHz	243.164 mW	< 1 W	N/A
Mid Channel 2435 MHz	205.968 mW	< 1 W	N/A
High Channel 2470 MHz	247.514 mW	< 1 W	N/A
5MHz Bandwidth			
2x2 Modulation Type, BPSK, Coding Rate, 1/2.			
Low Channel 2406 MHz	191.249 mW	< 1 W	N/A
Mid Channel 2436 MHz	151.705 mW	< 1 W	N/A
High Channel 2466 MHz	119.784 mW	< 1 W	N/A
2x2 Modulation Type, 64-QAM, Coding Rate, 5/6.			
Low Channel 2406 MHz	276.63 mW	< 1 W	N/A
Mid Channel 2436 MHz	121.983 mW	< 1 W	N/A
High Channel 2466 MHz	103.015 mW	< 1 W	N/A
10MHz Bandwidth			
2x2 Modulation Type, BPSK, Coding Rate, 1/2.			
Low Channel 2409 MHz	269.383 mW	< 1 W	N/A
Mid Channel 2439 MHz	202.676 mW	< 1 W	N/A
High Channel 2464 MHz	173.767 mW	< 1 W	N/A
2x2 Modulation Type, 64-QAM, Coding Rate, 5/6.			
Low Channel 2409 MHz	260.557 mW	< 1 W	N/A
Mid Channel 2439 MHz	194.174 mW	< 1 W	N/A
High Channel 2464 MHz	164.37 mW	< 1 W	N/A

Chain 2			
2400 MHz - 2483.5 MHz Band			
2.5MHz Bandwidth			
2x2 Modulation Type, BPSK, Coding Rate, 1/2.			
Low Channel 2403 MHz	239.773 mW	< 1 W	N/A
Mid Channel 2435 MHz	183.358 mW	< 1 W	N/A
High Channel 2470 MHz	193.776 mW	< 1 W	N/A
2x2 Modulation Type, 64-QAM, Coding Rate, 5/6.			
Low Channel 2403 MHz	248.313 mW	< 1 W	N/A
Mid Channel 2435 MHz	244.737 mW	< 1 W	N/A
High Channel 2470 MHz	229.615 mW	< 1 W	N/A
5MHz Bandwidth			
2x2 Modulation Type, BPSK, Coding Rate, 1/2.			
Low Channel 2406 MHz	159.111 mW	< 1 W	N/A
Mid Channel 2436 MHz	117.004 mW	< 1 W	N/A
High Channel 2466 MHz	133.937 mW	< 1 W	N/A
2x2 Modulation Type, 64-QAM, Coding Rate, 5/6.			
Low Channel 2406 MHz	164.854 mW	< 1 W	N/A
Mid Channel 2436 MHz	90.282 mW	< 1 W	N/A
High Channel 2466 MHz	90.511 mW	< 1 W	N/A
10MHz Bandwidth			
2x2 Modulation Type, BPSK, Coding Rate, 1/2.			
Low Channel 2409 MHz	199.845 mW	< 1 W	N/A
Mid Channel 2439 MHz	162.281 mW	< 1 W	N/A
High Channel 2464 MHz	152.648 mW	< 1 W	N/A
2x2 Modulation Type, 64-QAM, Coding Rate, 5/6.			
Low Channel 2409 MHz	188.579 mW	< 1 W	N/A
Mid Channel 2439 MHz	160.22 mW	< 1 W	N/A
High Channel 2464 MHz	157.219 mW	< 1 W	N/A

Chain 1,2					
2400 MHz - 2483.5 MHz Band					
2.5MHz Bandwidth					
2x2 Modulation Type, BPSK, Coding Rate		Chain 1 (mw)	Chain 2 (mw)	Summed Power (mW)	
Low Channel 2403 MHz		264.789	239.773	504.562	Pass
Mid Channel 2435 MHz		168.229	183.358	351.587	Pass
High Channel 2470 MHz		263.451	193.776	457.227	Pass
2x2 Modulation Type, 64-QAM, Coding Rate					
Low Channel 2403 MHz		243.164	248.313	491.477	Pass
Mid Channel 2435 MHz		205.968	244.737	450.705	Pass
High Channel 2470 MHz		247.514	229.615	477.129	Pass
5MHz Bandwidth					
2x2 Modulation Type, BPSK, Coding Rate, 1/2.					
Low Channel 2406 MHz		191.249	159.111	350.360	Pass
Mid Channel 2436 MHz		151.705	117.004	268.709	Pass
High Channel 2466 MHz		119.784	133.937	253.721	Pass
2x2 Modulation Type, 64-QAM, Coding Rate, 5/6.					
Low Channel 2406 MHz		276.630	164.854	441.484	Pass
Mid Channel 2436 MHz		121.983	90.282	212.265	Pass
High Channel 2466 MHz		103.015	90.511	193.526	Pass
10MHz Bandwidth					
2x2 Modulation Type, BPSK, Coding Rate, 1/2.					
Low Channel 2409 MHz		269.383	199.845	469.228	Pass
Mid Channel 2439 MHz		202.676	162.281	364.957	Pass
High Channel 2464 MHz		173.767	152.648	326.415	Pass
2x2 Modulation Type, 64-QAM, Coding Rate, 5/6.					
Low Channel 2409 MHz		260.557	188.579	449.136	Pass
Mid Channel 2439 MHz		194.174	160.220	354.394	Pass
High Channel 2464 MHz		164.370	157.219	321.589	Pass

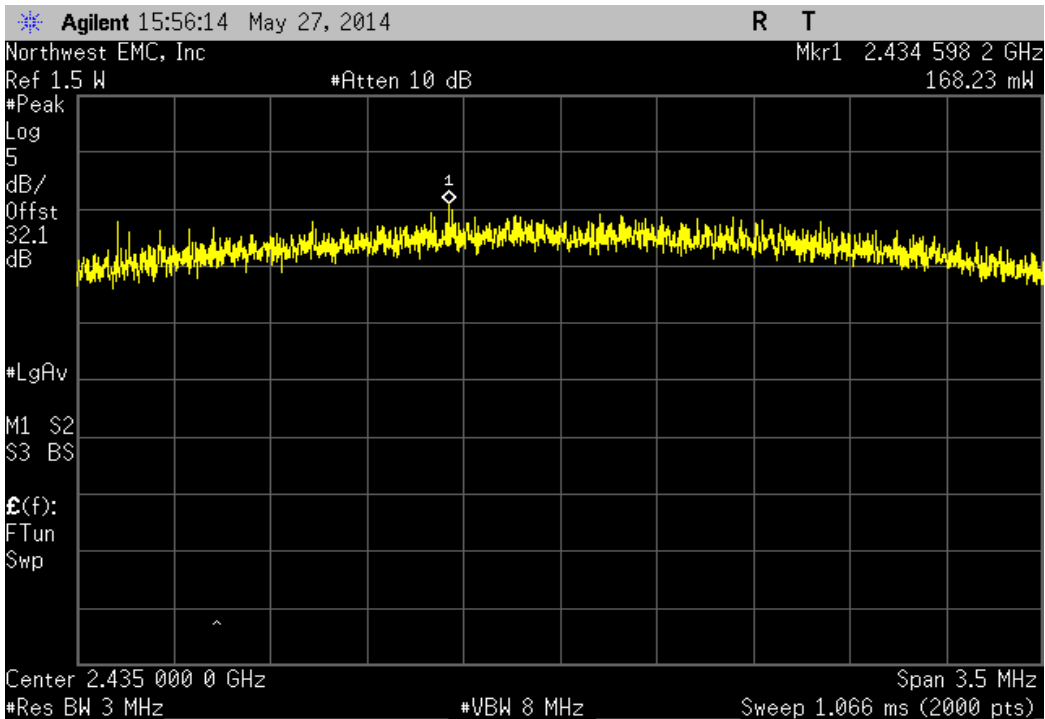
Chain A , 2400 MHz - 2483.5 MHz Band, 2.5MHz Bandwidth , 2x2 Modulation Type, BPSK, Coding Rate, 1/2., Low Channel 2403 MHz

Value	Limit	Result
264.789 mW	< 1 W	Pass

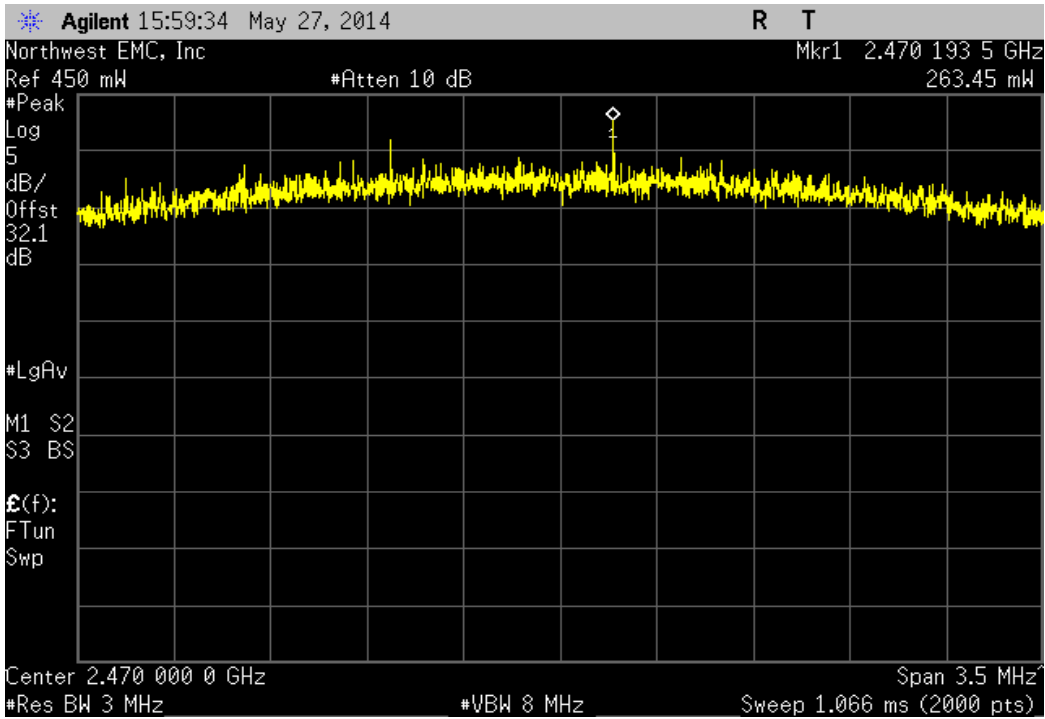


Chain A , 2400 MHz - 2483.5 MHz Band, 2.5MHz Bandwidth , 2x2 Modulation Type, BPSK, Coding Rate, 1/2., Mid Channel 2435 MHz

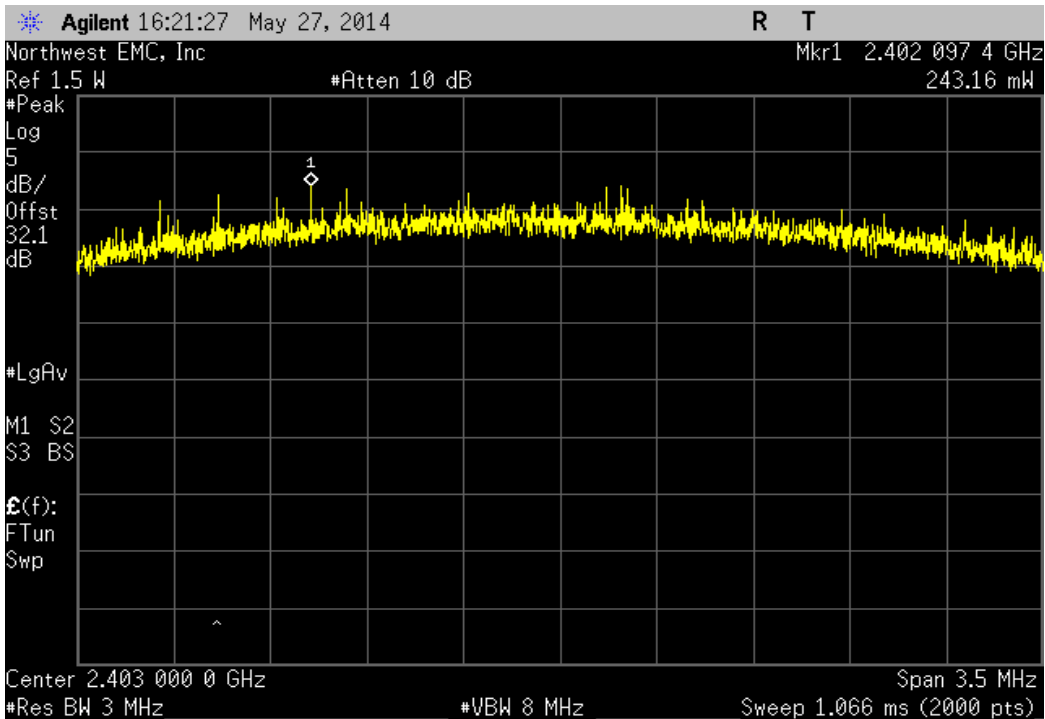
Value	Limit	Result
168.229 mW	< 1 W	Pass



Chain A , 2400 MHz - 2483.5 MHz Band, 2.5MHz Bandwidth , 2x2 Modulation Type, BPSK, Coding Rate, 1/2., High Channel 2470 MHz			
	Value	Limit	Result
	263.451 mW	< 1 W	Pass

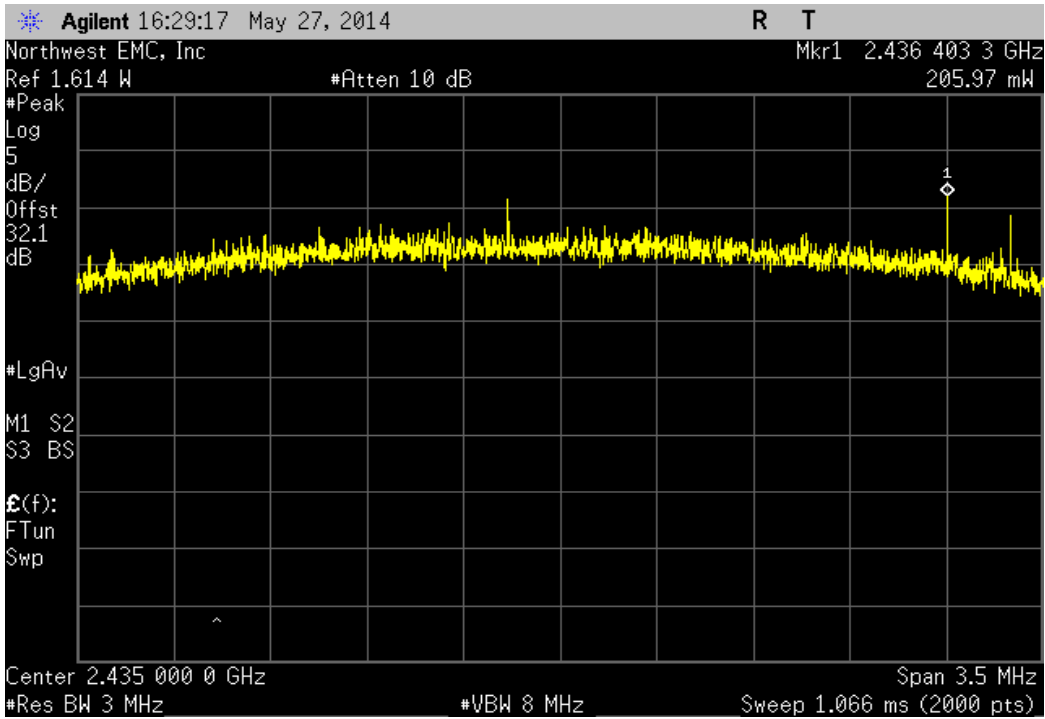


Chain A , 2400 MHz - 2483.5 MHz Band, 2.5MHz Bandwidth , 2x2 Modulation Type, 64-QAM, Coding Rate, 5/6., Low Channel 2403 MHz			
	Value	Limit	Result
	243.164 mW	< 1 W	Pass



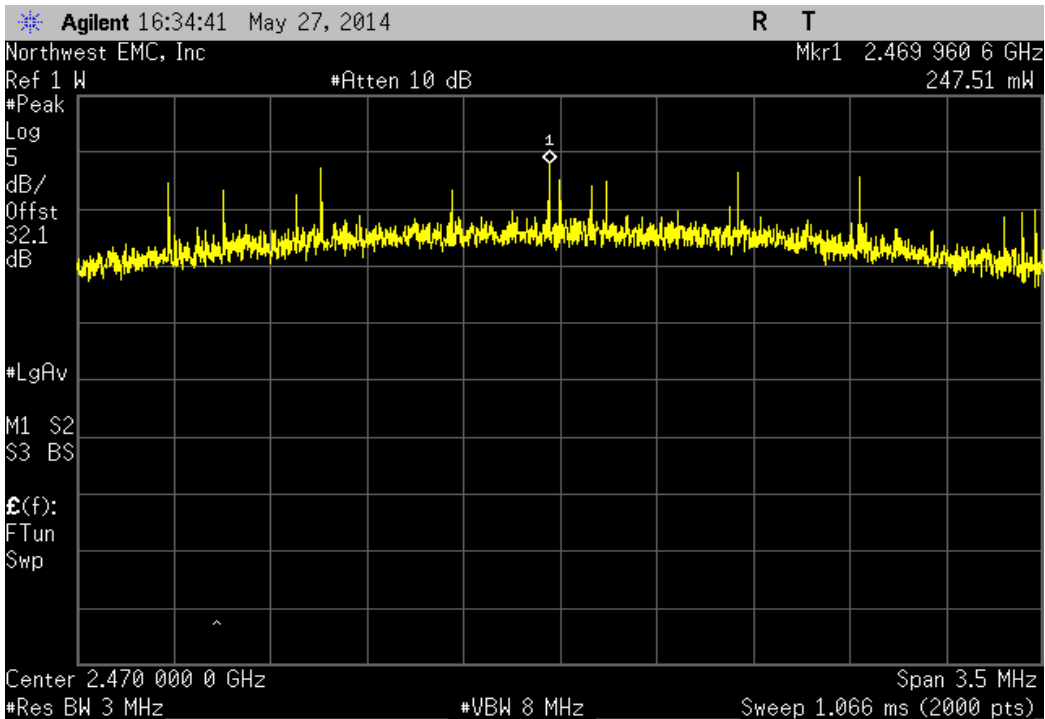
Chain A , 2400 MHz - 2483.5 MHz Band, 2.5MHz Bandwidth , 2x2 Modulation Type, 64-QAM, Coding Rate, 5/6., Mid Channel 2435 MHz

Value	Limit	Result
205.968 mW	< 1 W	Pass

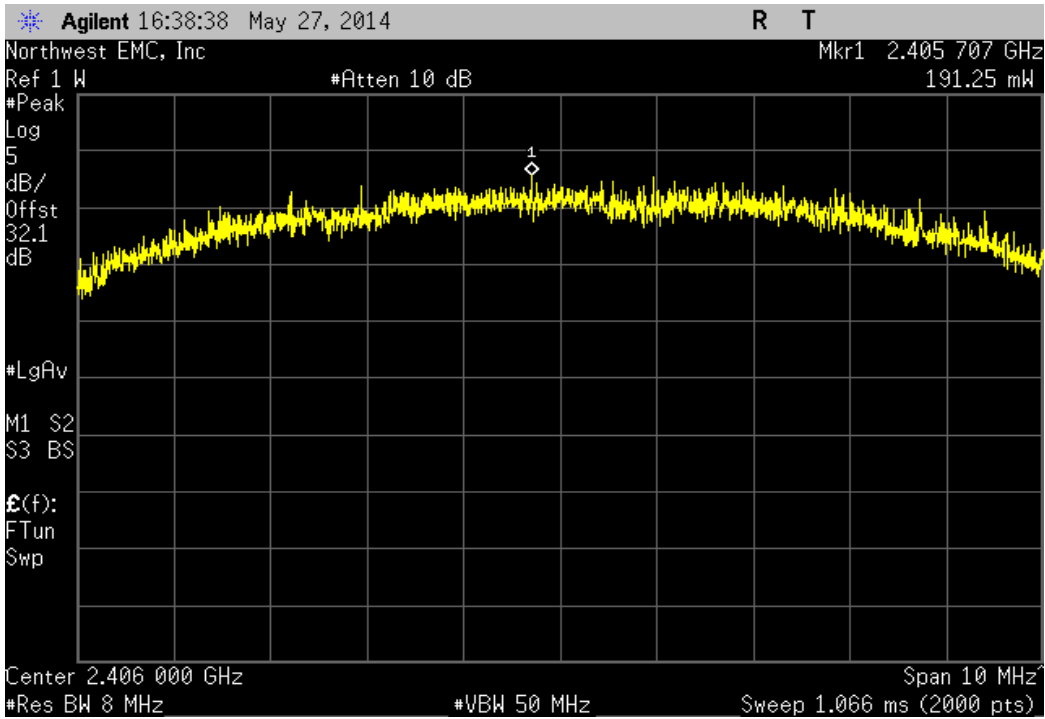


Chain A , 2400 MHz - 2483.5 MHz Band, 2.5MHz Bandwidth , 2x2 Modulation Type, 64-QAM, Coding Rate, 5/6., High Channel 2470 MHz

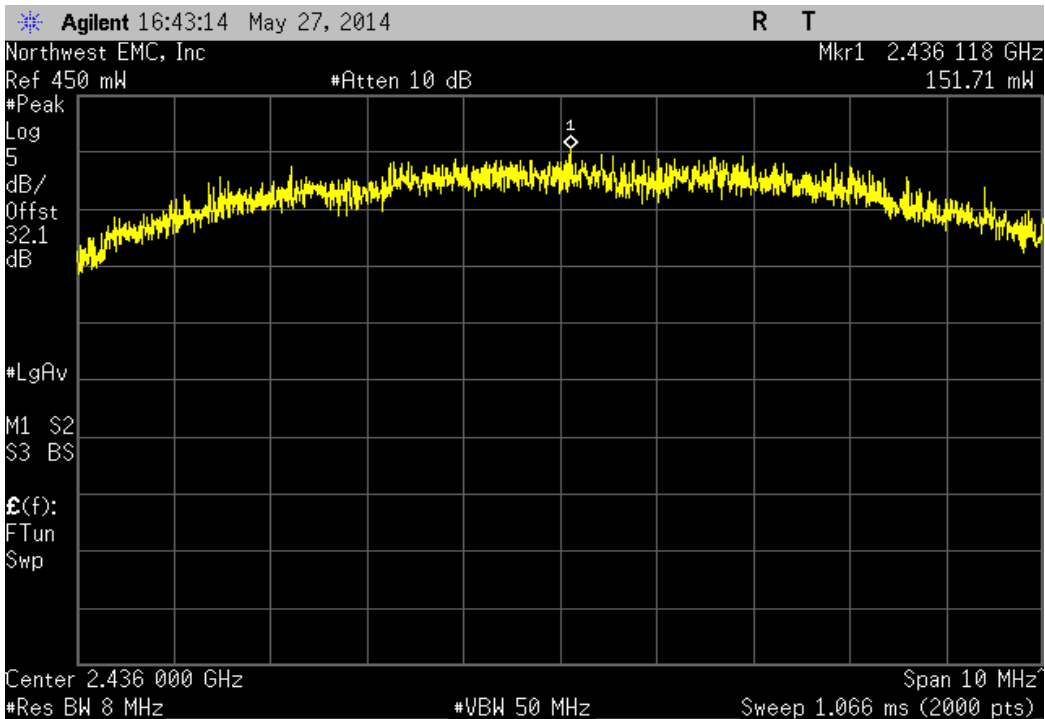
Value	Limit	Result
247.514 mW	< 1 W	Pass



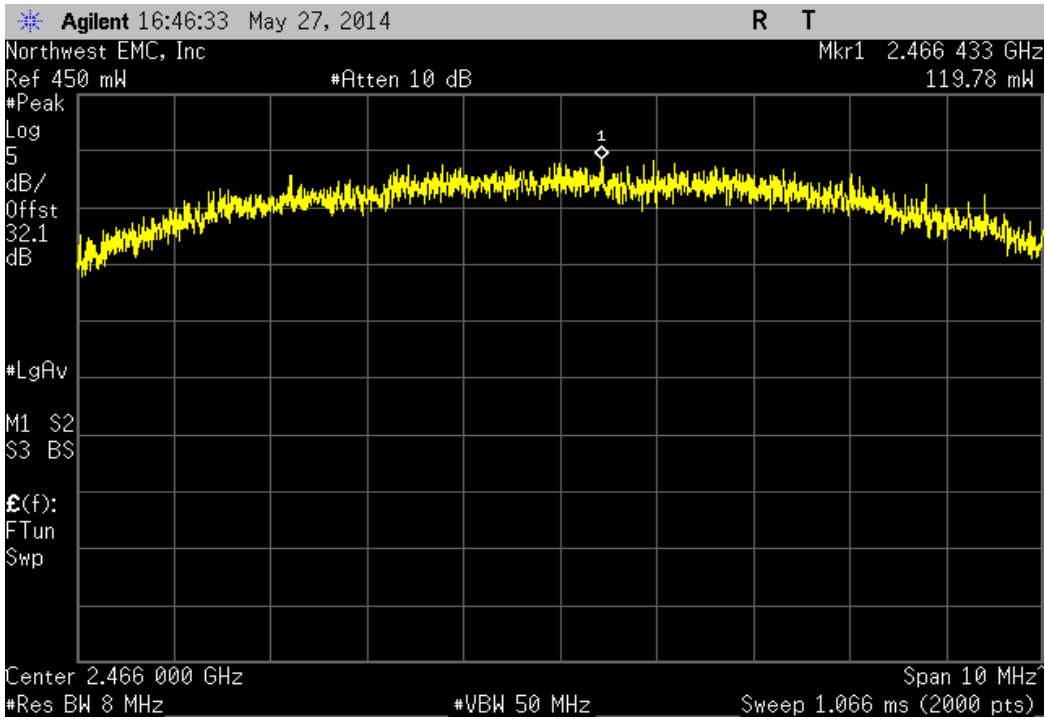
Chain A , 2400 MHz - 2483.5 MHz Band, 5MHz Bandwidth , 2x2 Modulation Type, BPSK, Coding Rate, 1/2., Low Channel 2406 MHz			
	Value	Limit	Result
	191.249 mW	< 1 W	Pass



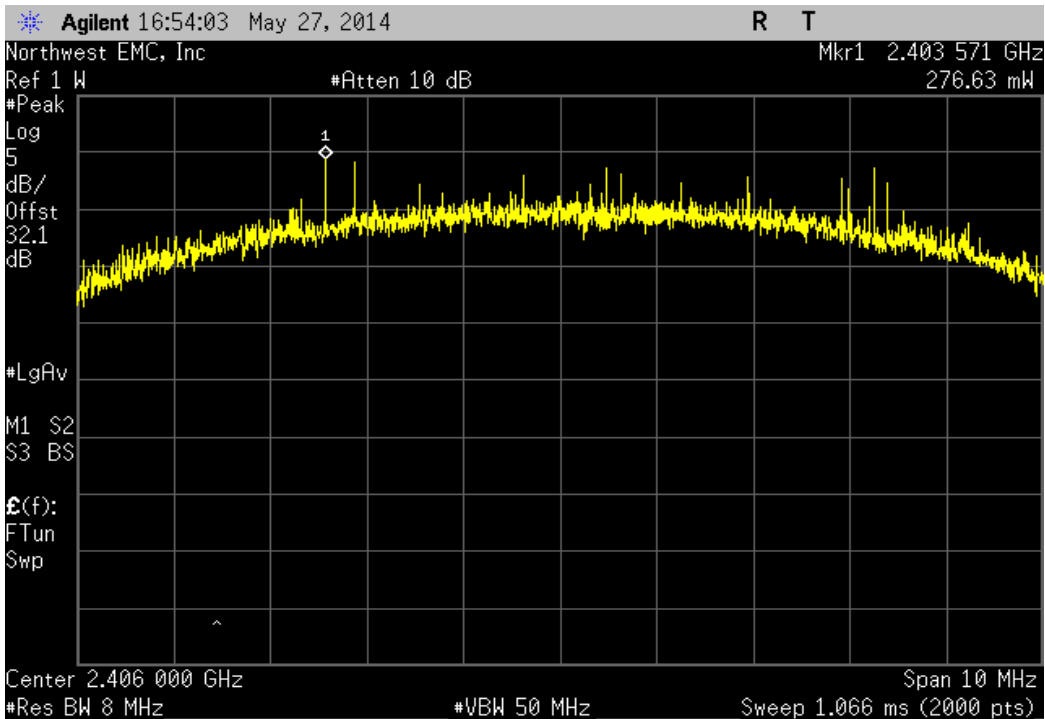
Chain A , 2400 MHz - 2483.5 MHz Band, 5MHz Bandwidth , 2x2 Modulation Type, BPSK, Coding Rate, 1/2., Mid Channel 2436 MHz			
	Value	Limit	Result
	151.705 mW	< 1 W	Pass



Chain A , 2400 MHz - 2483.5 MHz Band, 5MHz Bandwidth , 2x2 Modulation Type, BPSK, Coding Rate, 1/2., High Channel 2466 MHz		
Value	Limit	Result
119.784 mW	< 1 W	Pass

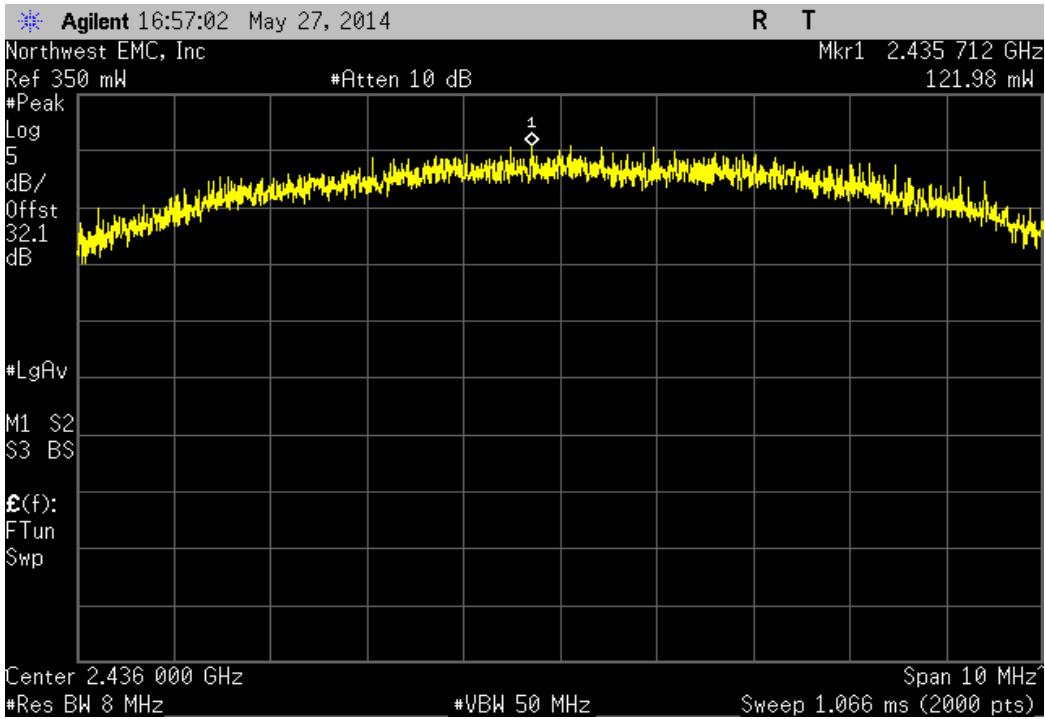


Chain A , 2400 MHz - 2483.5 MHz Band, 5MHz Bandwidth , 2x2 Modulation Type, 64-QAM, Coding Rate, 5/6., Low Channel 2406 MHz		
Value	Limit	Result
276.63 mW	< 1 W	Pass



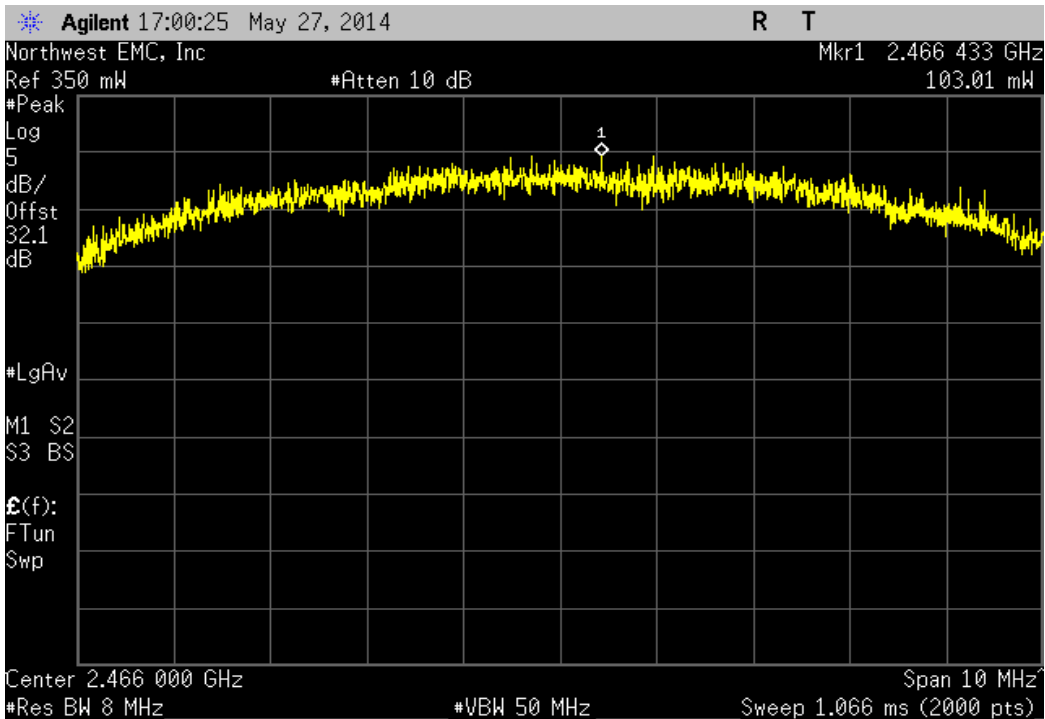
Chain A , 2400 MHz - 2483.5 MHz Band, 5MHz Bandwidth , 2x2 Modulation Type, 64-QAM, Coding Rate, 5/6., Mid Channel 2436 MHz

Value	Limit	Result
121.983 mW	< 1 W	Pass



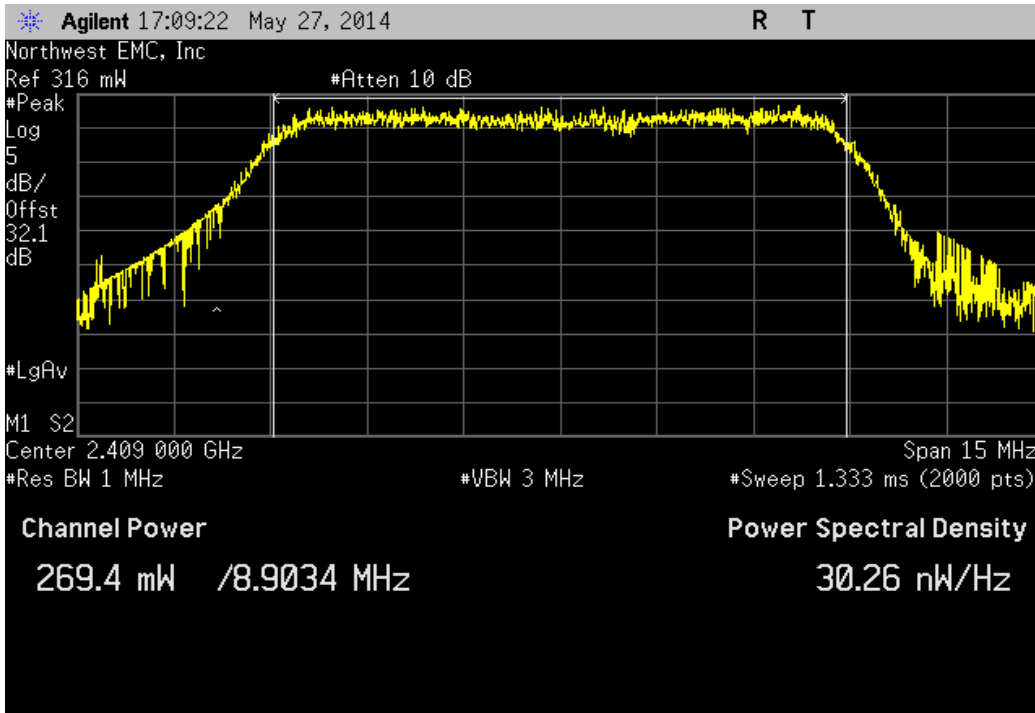
Chain A , 2400 MHz - 2483.5 MHz Band, 5MHz Bandwidth , 2x2 Modulation Type, 64-QAM, Coding Rate, 5/6., High Channel 2466 MHz

Value	Limit	Result
103.015 mW	< 1 W	Pass



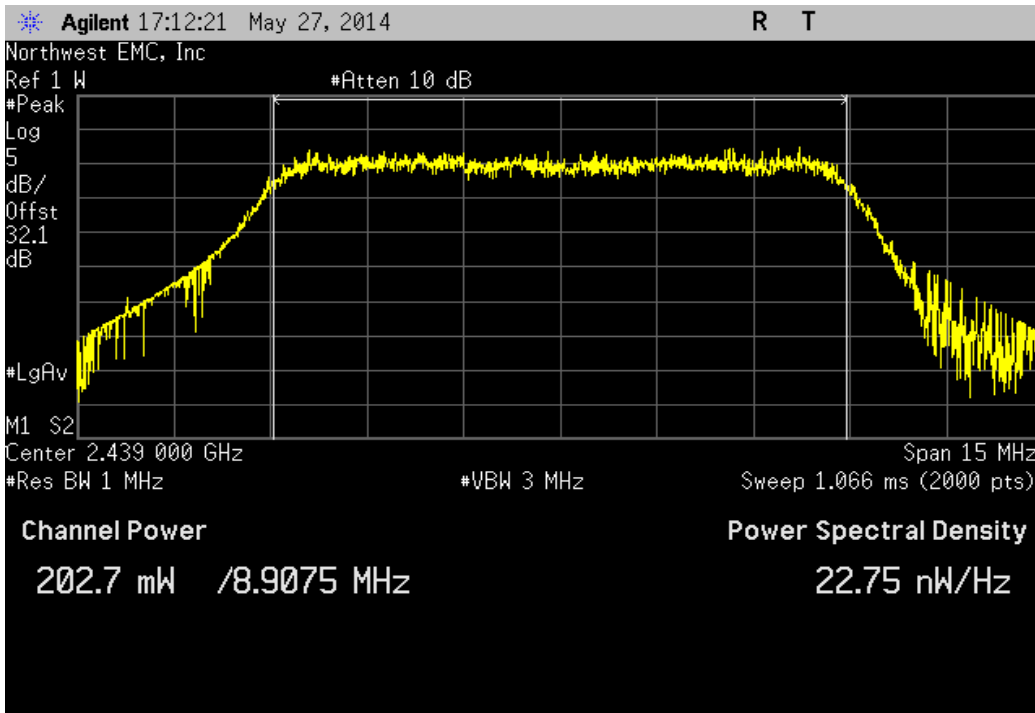
Chain A , 2400 MHz - 2483.5 MHz Band, 10MHz Bandwidth , 2x2 Modulation Type, BPSK, Coding Rate, 1/2., Low Channel 2409 MHz

Value	Limit	Result
269.383 mW	< 1 W	Pass



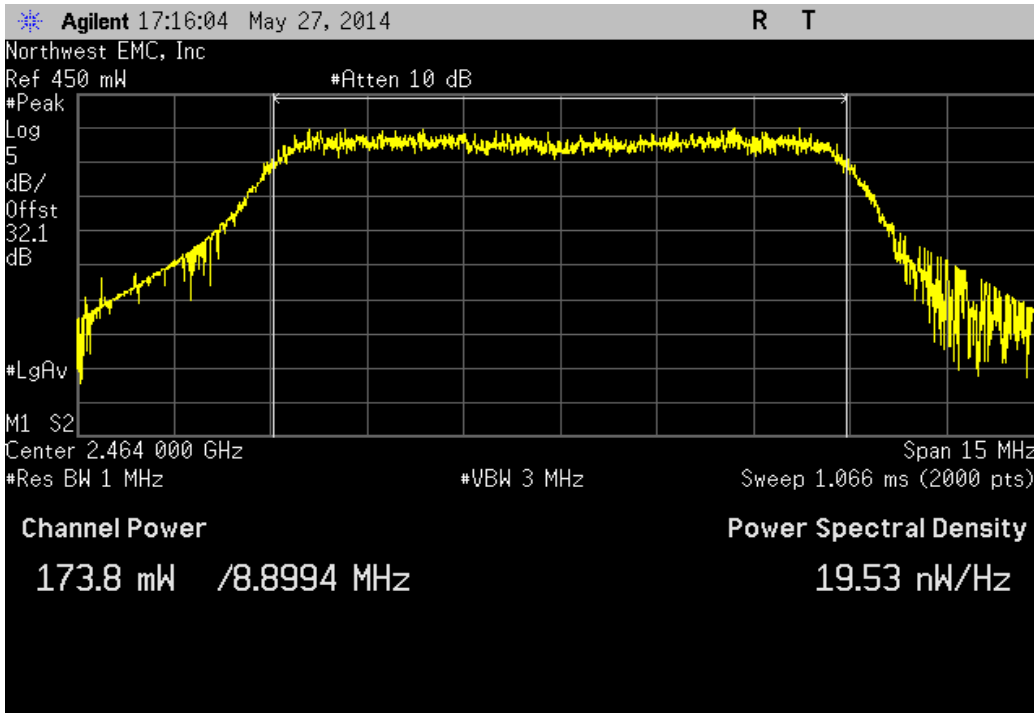
Chain A , 2400 MHz - 2483.5 MHz Band, 10MHz Bandwidth , 2x2 Modulation Type, BPSK, Coding Rate, 1/2., Mid Channel 2439 MHz

Value	Limit	Result
202.676 mW	< 1 W	Pass



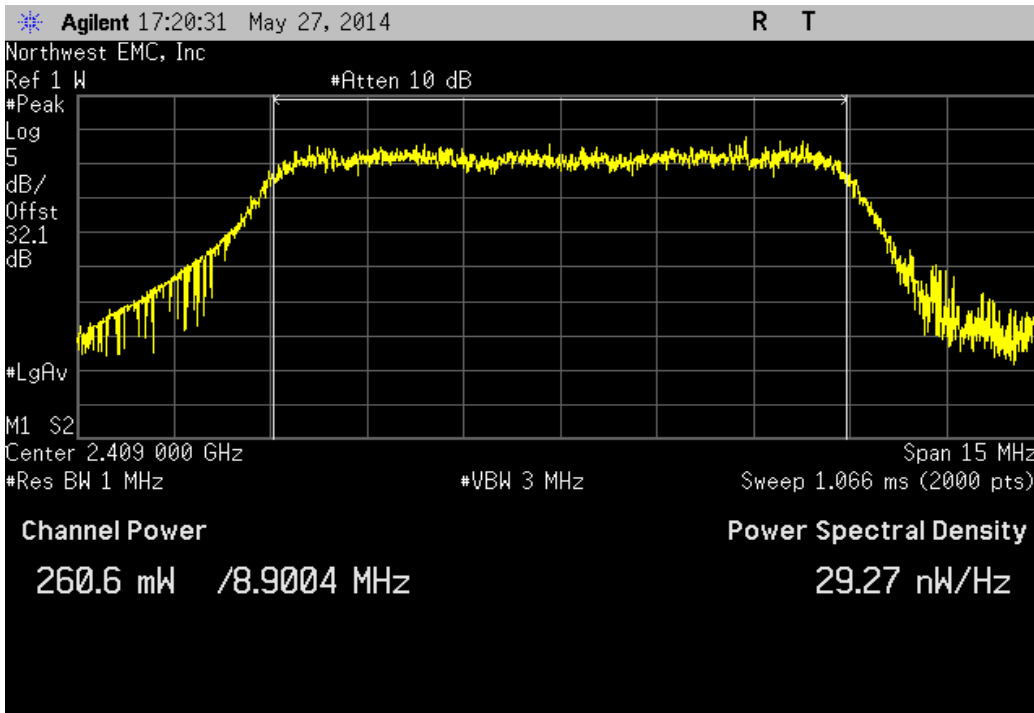
Chain A , 2400 MHz - 2483.5 MHz Band, 10MHz Bandwidth , 2x2 Modulation Type, BPSK, Coding Rate, 1/2., High Channel 2464 MHz

Value	Limit	Result
173.767 mW	< 1 W	Pass



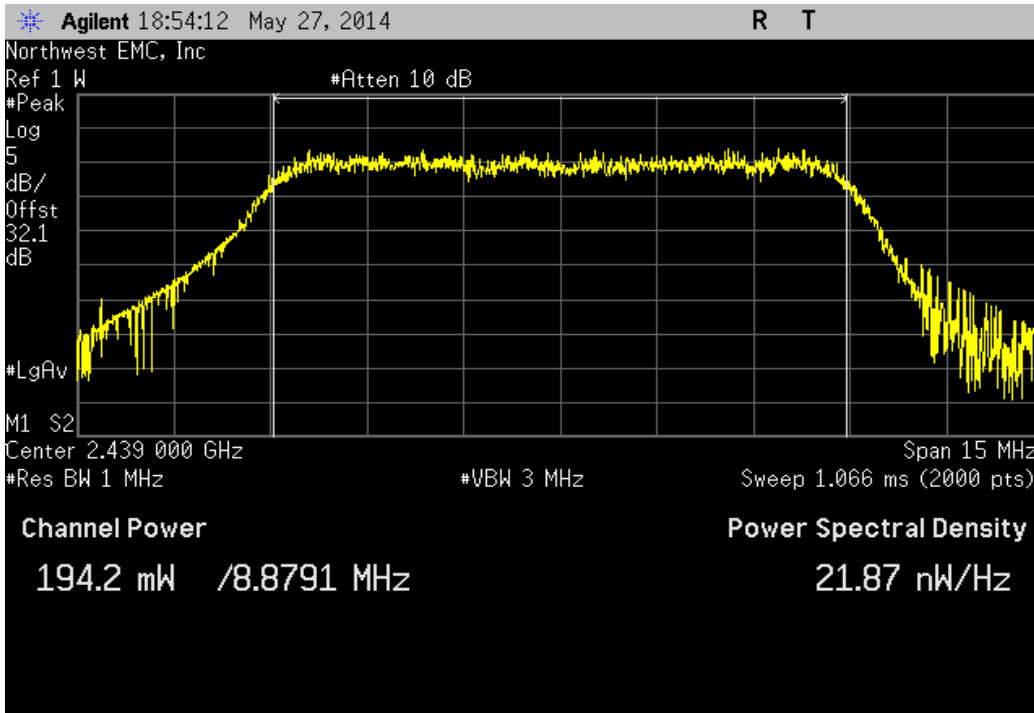
Chain A , 2400 MHz - 2483.5 MHz Band, 10MHz Bandwidth , 2x2 Modulation Type, 64-QAM, Coding Rate, 5/6., Low Channel 2409 MHz

Value	Limit	Result
260.557 mW	< 1 W	Pass



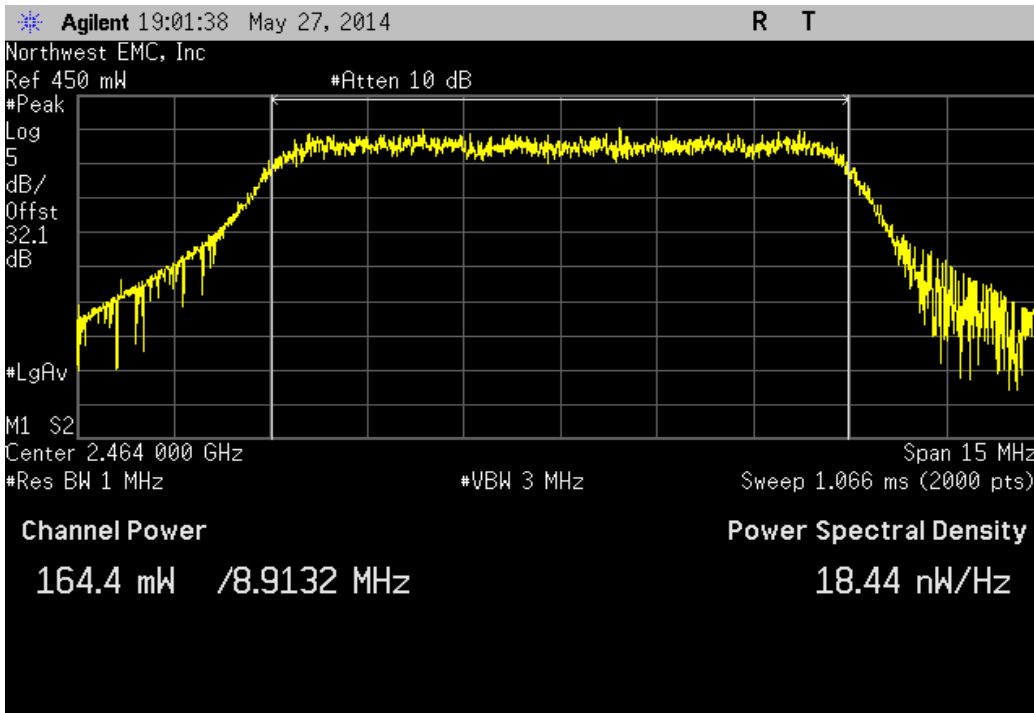
Chain A , 2400 MHz - 2483.5 MHz Band, 10MHz Bandwidth , 2x2 Modulation Type, 64-QAM, Coding Rate, 5/6., Mid Channel 2439 MHz

Value	Limit	Result
194.174 mW	< 1 W	Pass



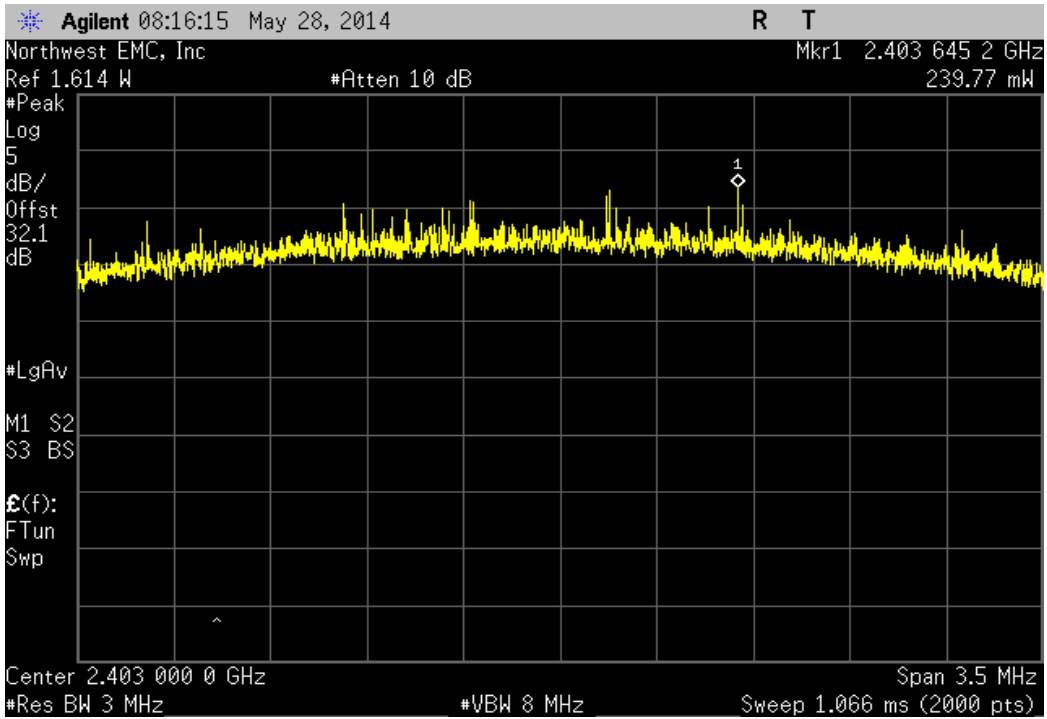
Chain A , 2400 MHz - 2483.5 MHz Band, 10MHz Bandwidth , 2x2 Modulation Type, 64-QAM, Coding Rate, 5/6., High Channel 2464 MHz

Value	Limit	Result
164.37 mW	< 1 W	Pass



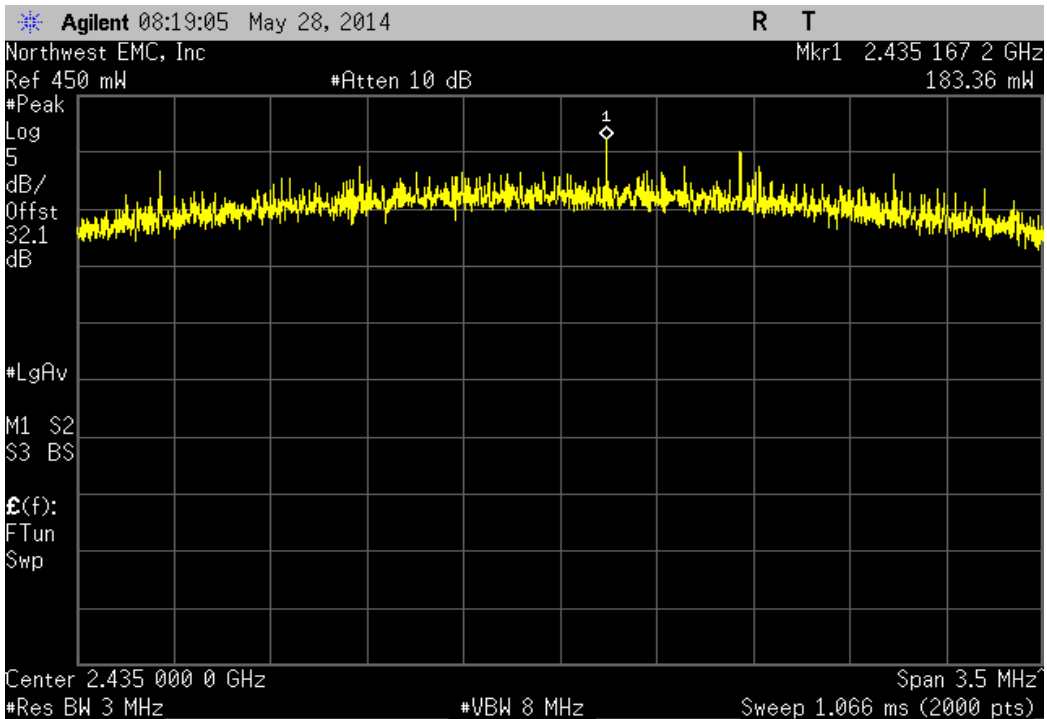
Chain B, 2400 MHz - 2483.5 MHz Band, 2.5MHz Bandwidth , 2x2 Modulation Type, BPSK, Coding Rate, 1/2., Low Channel 2403 MHz

Value	Limit	Result
239.773 mW	< 1 W	Pass



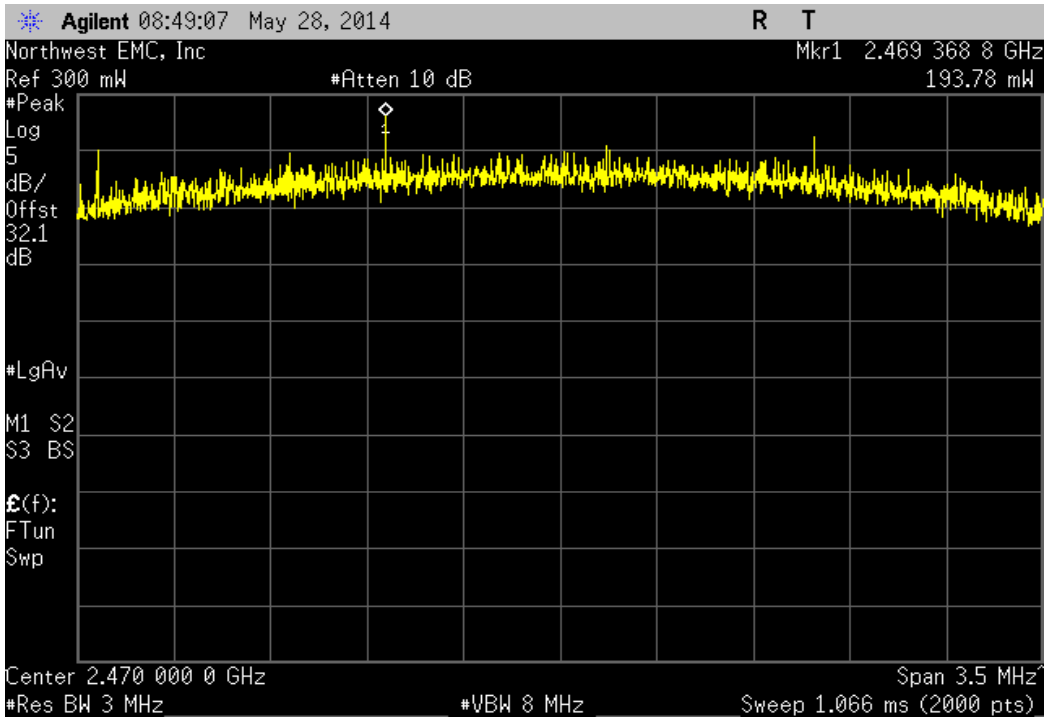
Chain B, 2400 MHz - 2483.5 MHz Band, 2.5MHz Bandwidth , 2x2 Modulation Type, BPSK, Coding Rate, 1/2., Mid Channel 2435 MHz

Value	Limit	Result
183.358 mW	< 1 W	Pass



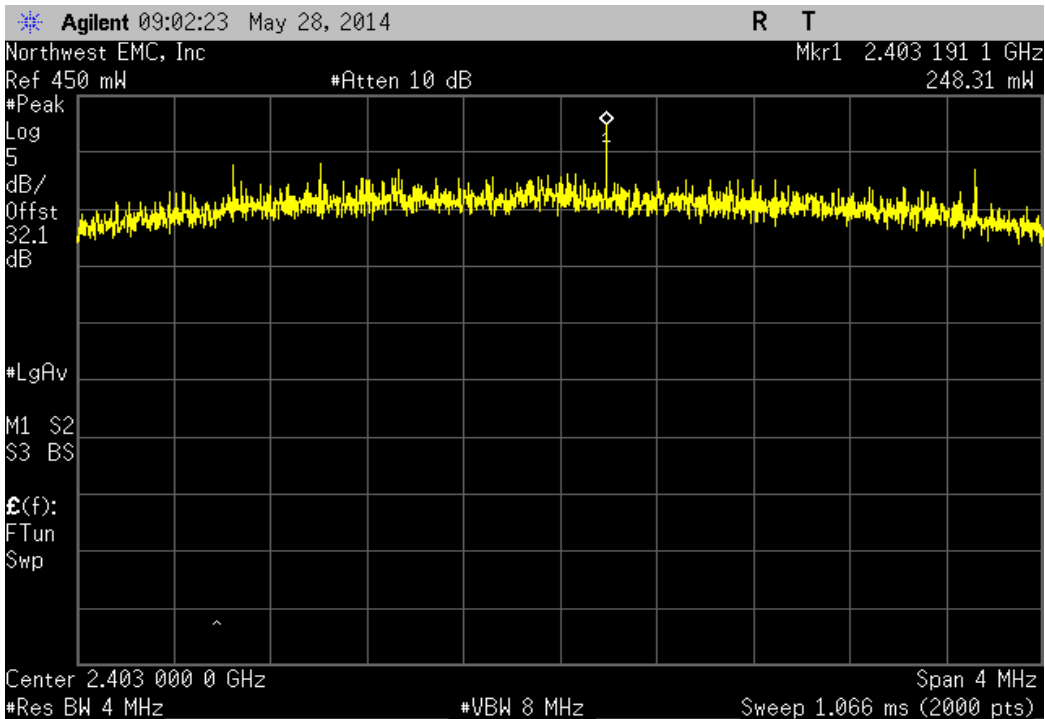
Chain B, 2400 MHz - 2483.5 MHz Band, 2.5MHz Bandwidth , 2x2 Modulation Type, BPSK, Coding Rate, 1/2., High Channel 2470 MHz

Value	Limit	Result
193.776 mW	< 1 W	Pass



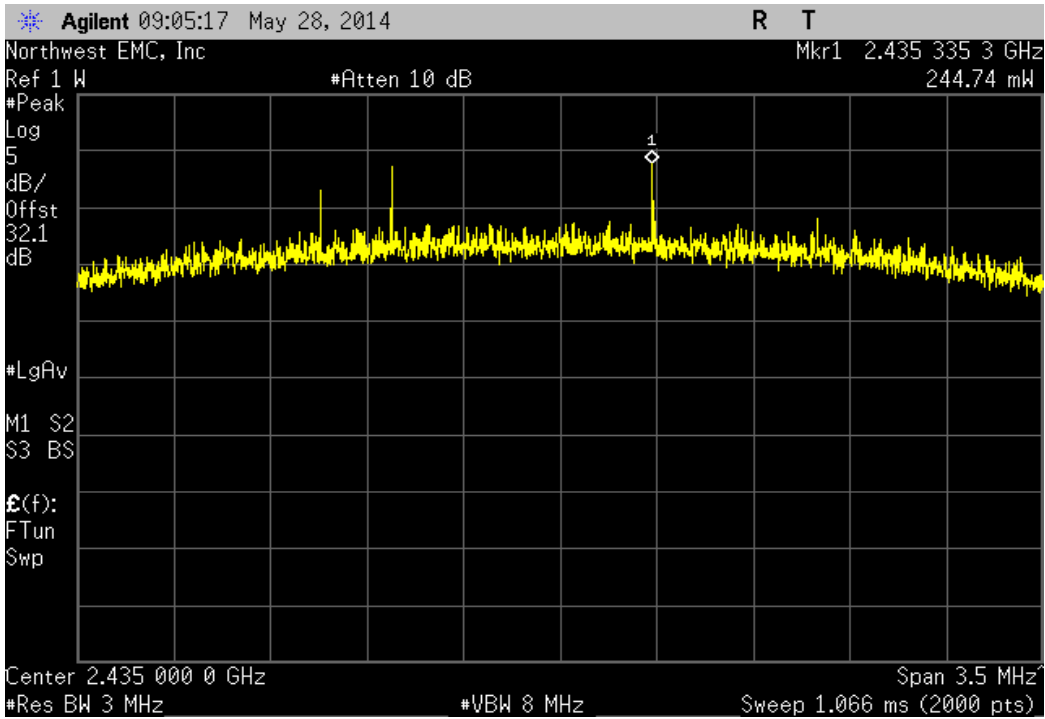
Chain B, 2400 MHz - 2483.5 MHz Band, 2.5MHz Bandwidth , 2x2 Modulation Type, 64-QAM, Coding Rate, 5/6., Low Channel 2403 MHz

Value	Limit	Result
248.313 mW	< 1 W	Pass



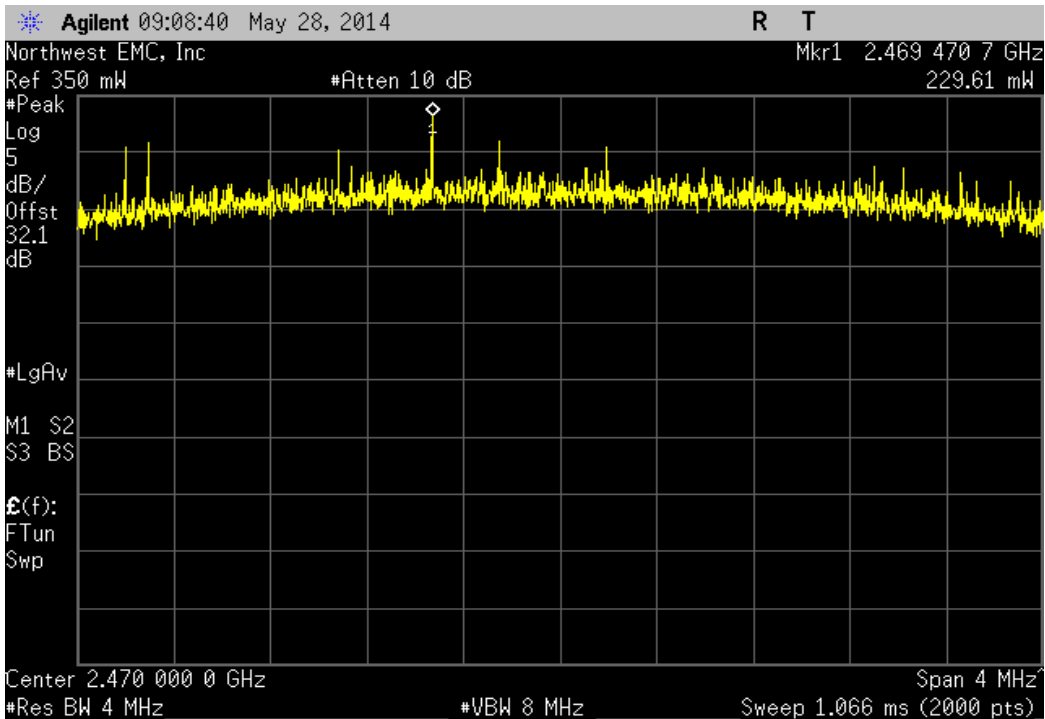
Chain B, 2400 MHz - 2483.5 MHz Band, 2.5MHz Bandwidth , 2x2 Modulation Type, 64-QAM, Coding Rate, 5/6., Mid Channel 2435 MHz

Value	Limit	Result
244.737 mW	< 1 W	Pass

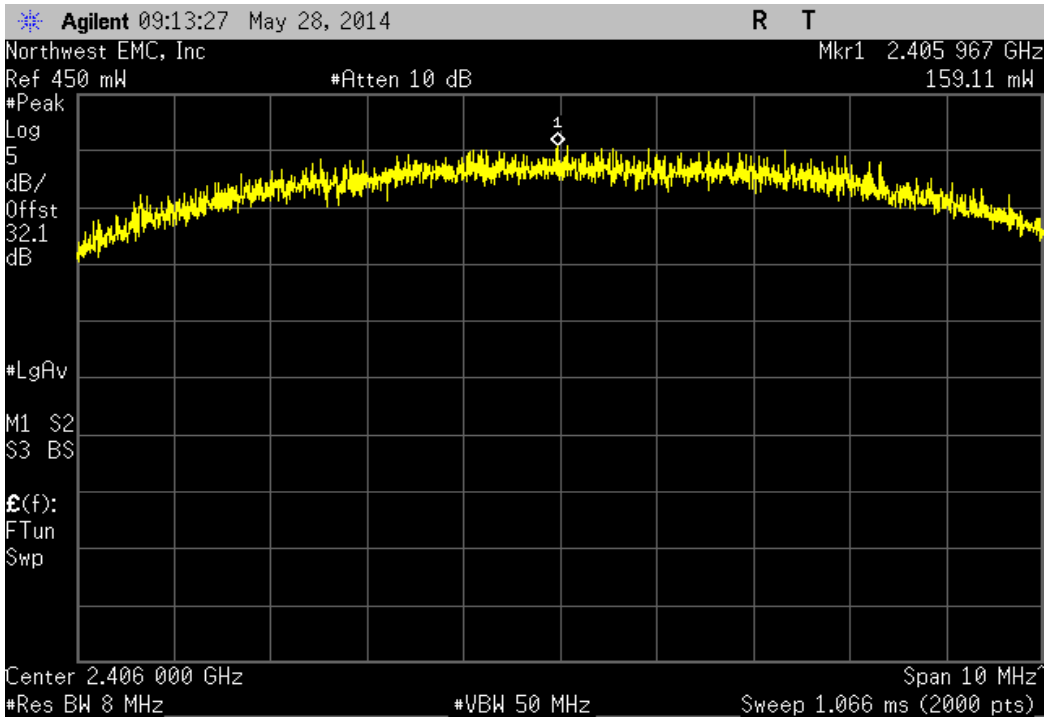


Chain B, 2400 MHz - 2483.5 MHz Band, 2.5MHz Bandwidth , 2x2 Modulation Type, 64-QAM, Coding Rate, 5/6., High Channel 2470 MHz

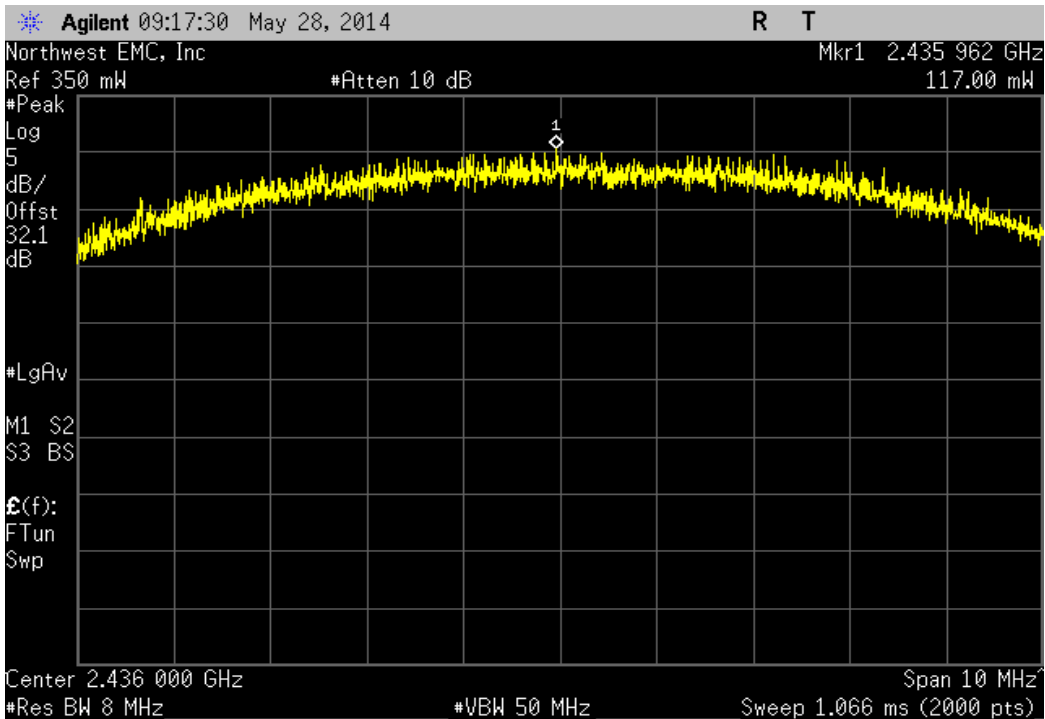
Value	Limit	Result
229.615 mW	< 1 W	Pass



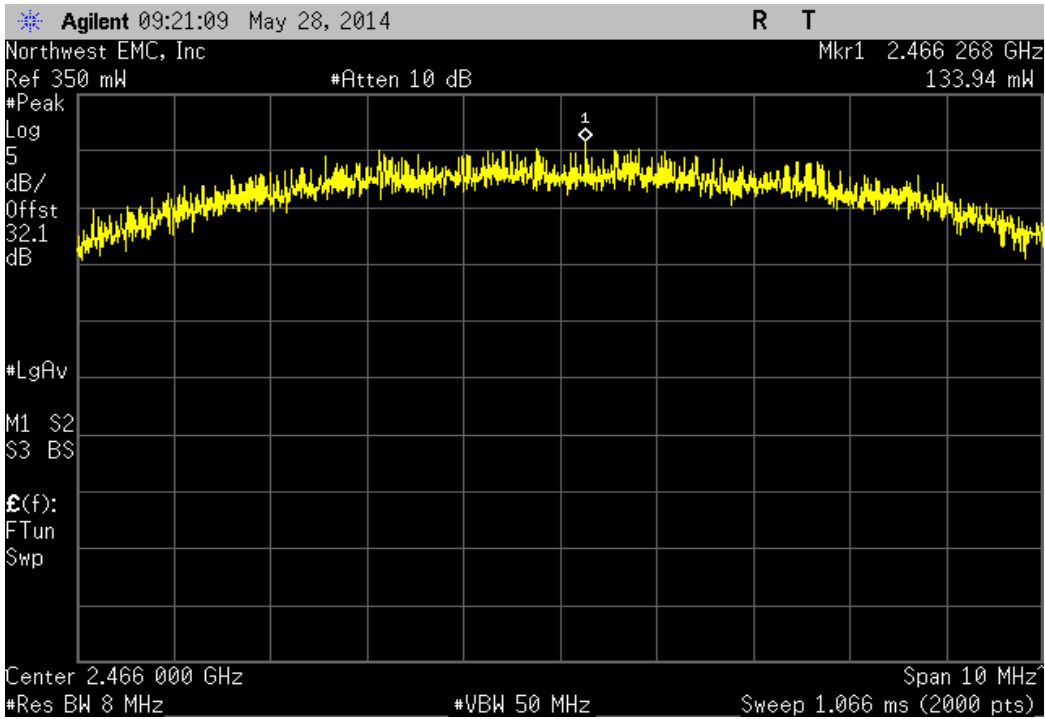
Chain B, 2400 MHz - 2483.5 MHz Band, 5MHz Bandwidth , 2x2 Modulation Type, BPSK, Coding Rate, 1/2., Low Channel 2406 MHz			
	Value	Limit	Result
	159.111 mW	< 1 W	Pass



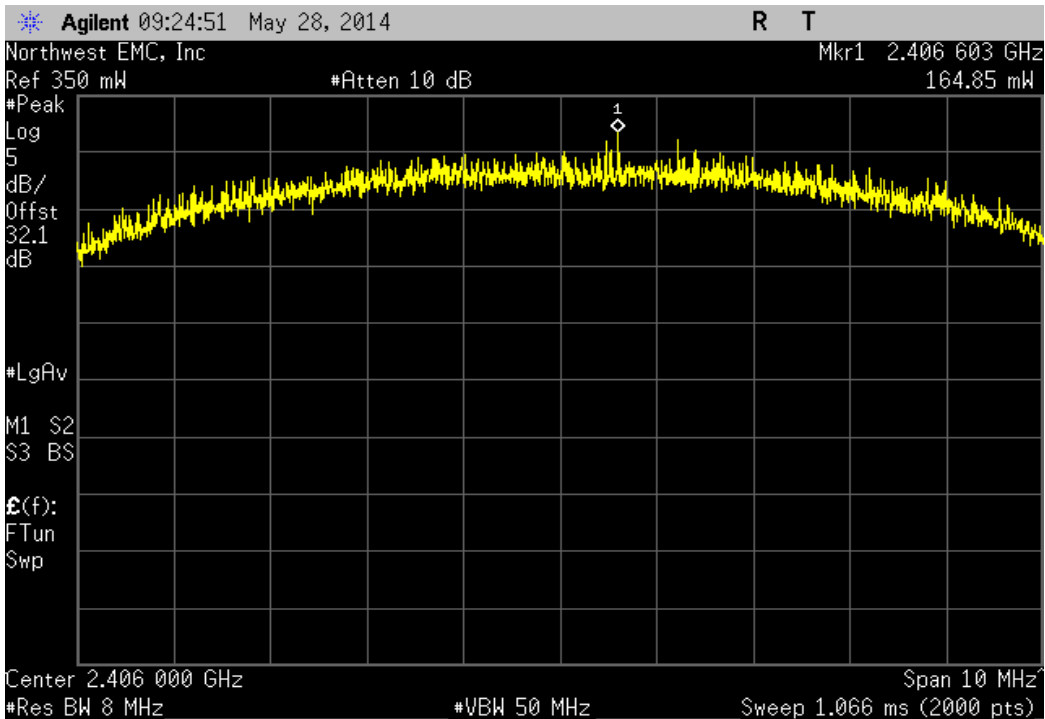
Chain B, 2400 MHz - 2483.5 MHz Band, 5MHz Bandwidth , 2x2 Modulation Type, BPSK, Coding Rate, 1/2., Mid Channel 2436 MHz			
	Value	Limit	Result
	117.004 mW	< 1 W	Pass



Chain B, 2400 MHz - 2483.5 MHz Band, 5MHz Bandwidth , 2x2 Modulation Type, BPSK, Coding Rate, 1/2., High Channel 2466 MHz			
	Value	Limit	Result
	133.937 mW	< 1 W	Pass

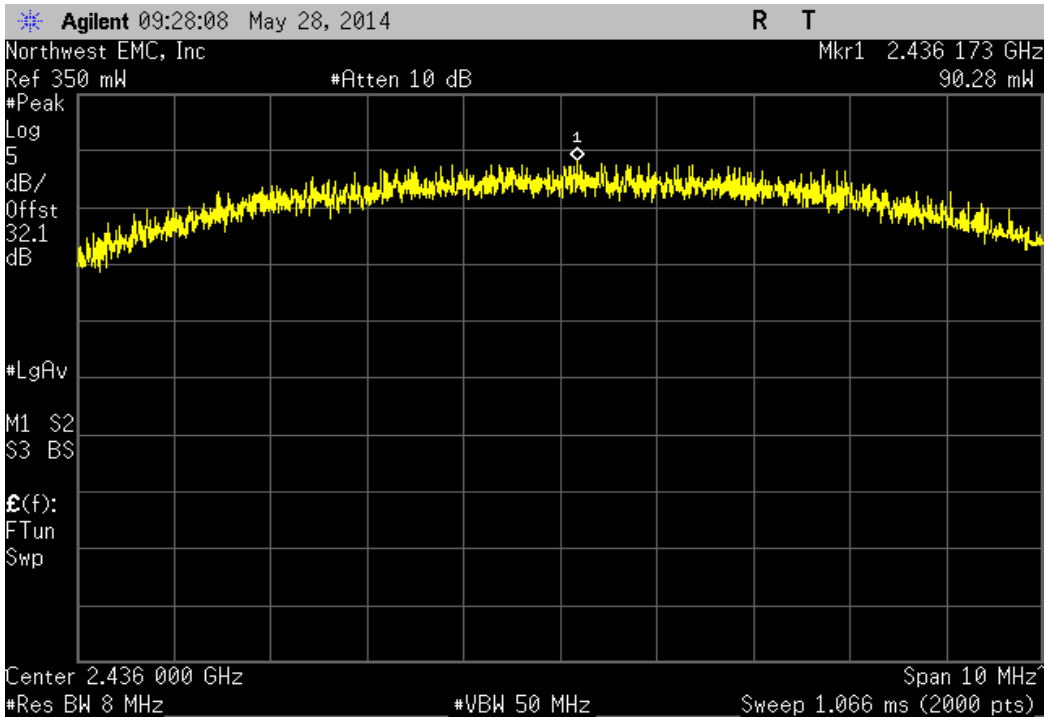


Chain B, 2400 MHz - 2483.5 MHz Band, 5MHz Bandwidth , 2x2 Modulation Type, 64-QAM, Coding Rate, 5/6., Low Channel 2406 MHz			
	Value	Limit	Result
	164.854 mW	< 1 W	Pass



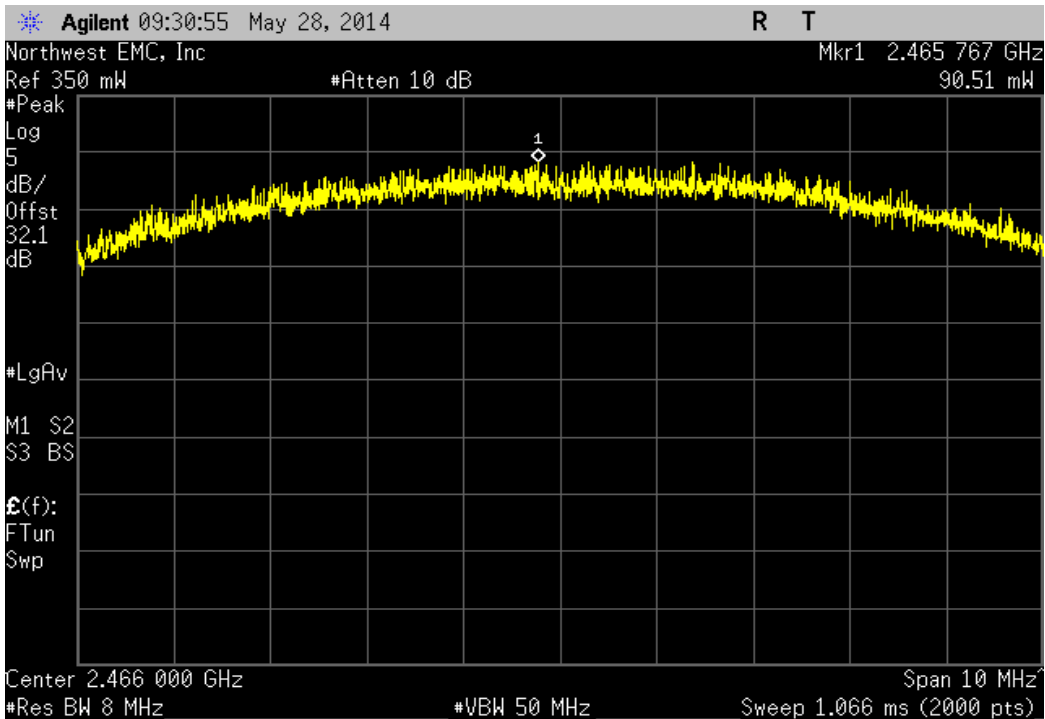
Chain B, 2400 MHz - 2483.5 MHz Band, 5MHz Bandwidth , 2x2 Modulation Type, 64-QAM, Coding Rate, 5/6., Mid Channel 2436 MHz

Value	Limit	Result
90.282 mW	< 1 W	Pass



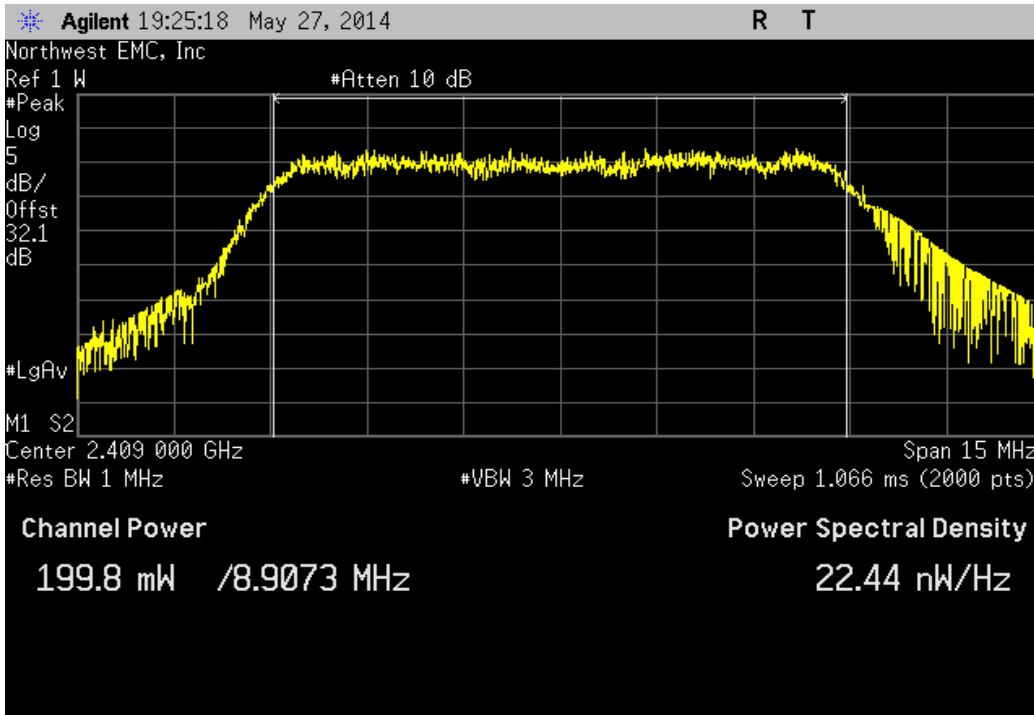
Chain B, 2400 MHz - 2483.5 MHz Band, 5MHz Bandwidth , 2x2 Modulation Type, 64-QAM, Coding Rate, 5/6., High Channel 2466 MHz

Value	Limit	Result
90.511 mW	< 1 W	Pass



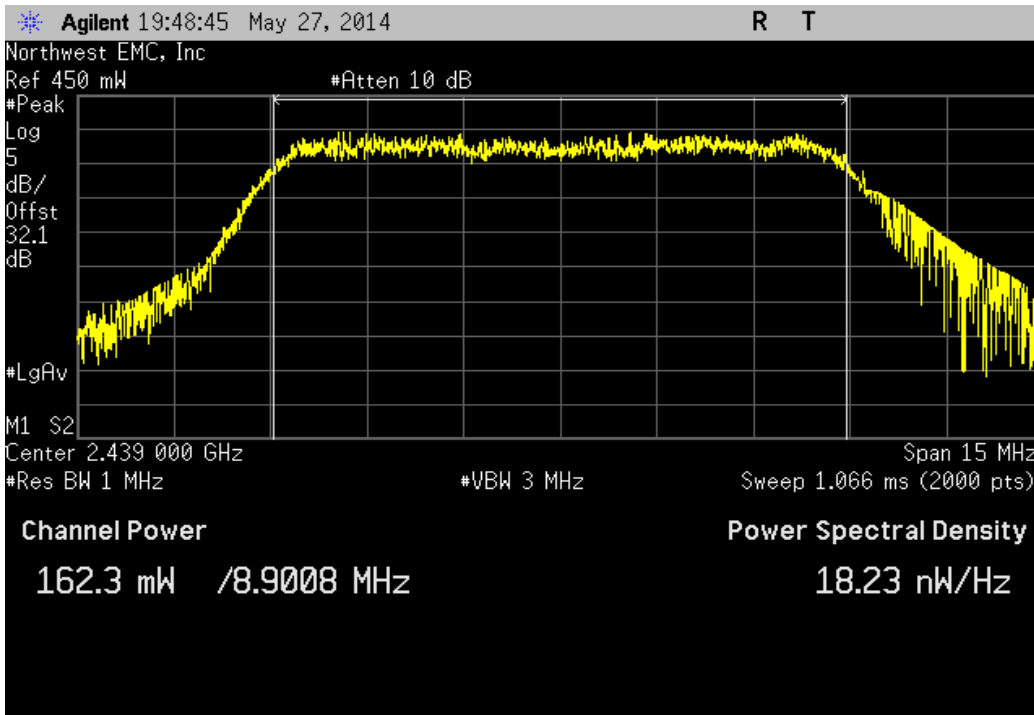
Chain B, 2400 MHz - 2483.5 MHz Band, 10MHz Bandwidth , 2x2 Modulation Type, BPSK, Coding Rate, 1/2., Low Channel 2409 MHz

Value	Limit	Result
199.845 mW	< 1 W	Pass



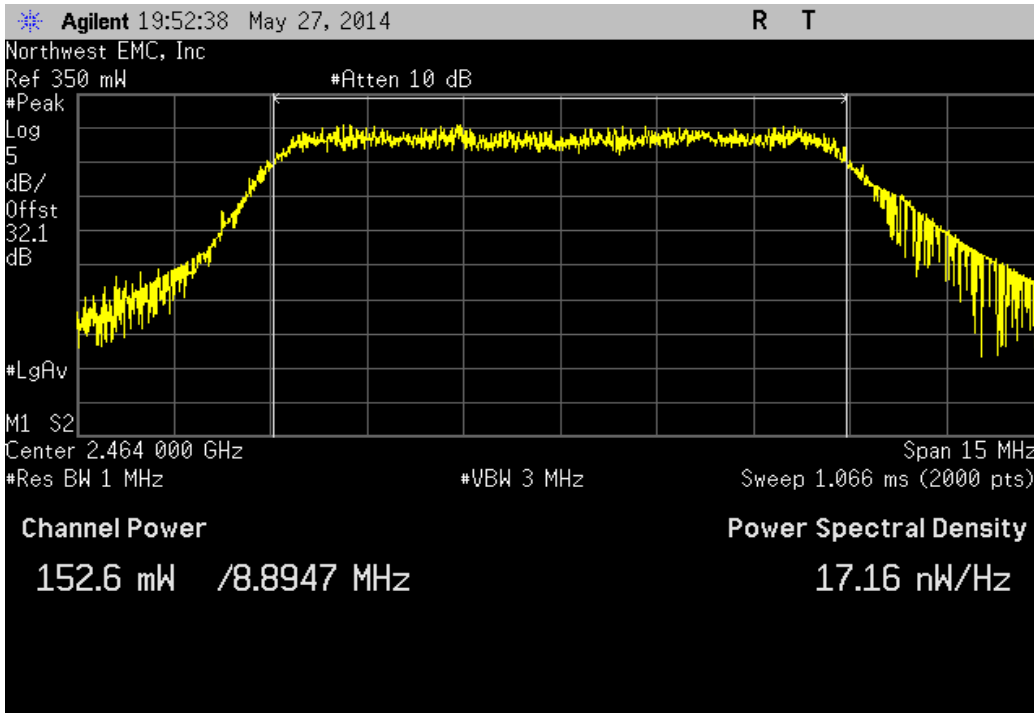
Chain B, 2400 MHz - 2483.5 MHz Band, 10MHz Bandwidth , 2x2 Modulation Type, BPSK, Coding Rate, 1/2., Mid Channel 2439 MHz

Value	Limit	Result
162.281 mW	< 1 W	Pass



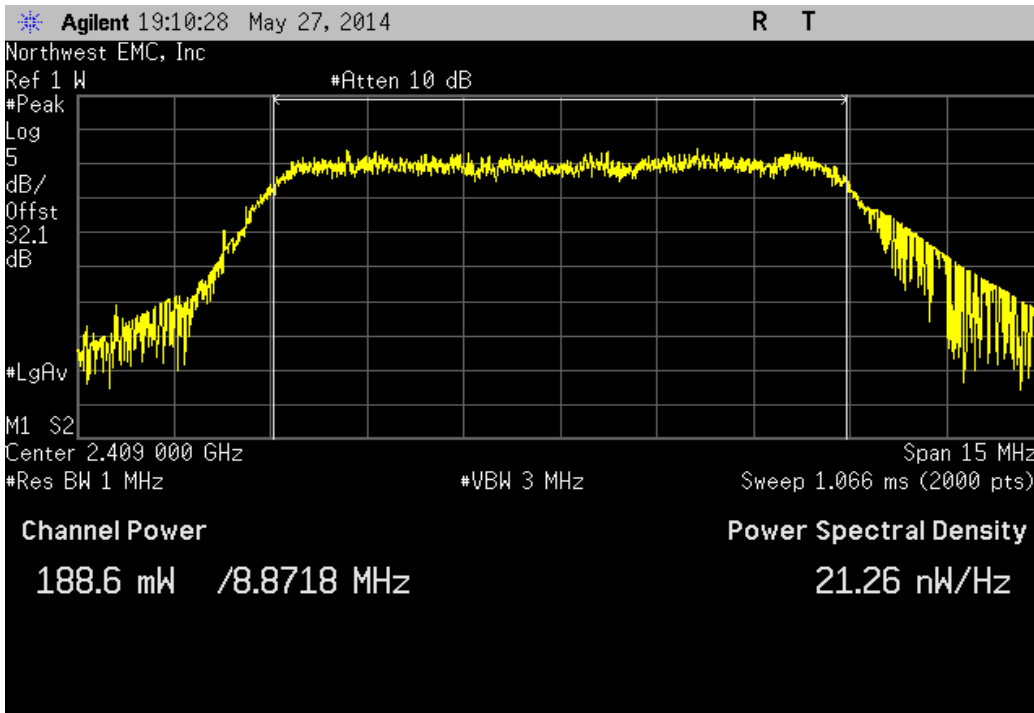
Chain B, 2400 MHz - 2483.5 MHz Band, 10MHz Bandwidth , 2x2 Modulation Type, BPSK, Coding Rate, 1/2., High Channel 2464 MHz

Value	Limit	Result
152.648 mW	< 1 W	Pass



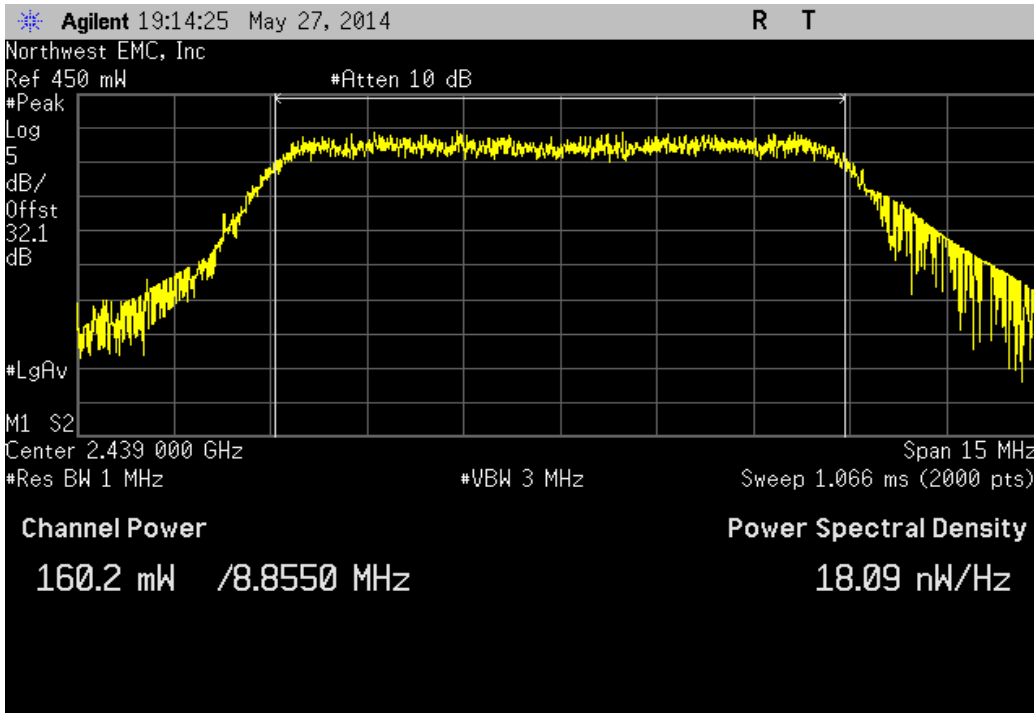
Chain B, 2400 MHz - 2483.5 MHz Band, 10MHz Bandwidth , 2x2 Modulation Type, 64-QAM, Coding Rate, 5/6., Low Channel 2409 MHz

Value	Limit	Result
188.579 mW	< 1 W	Pass



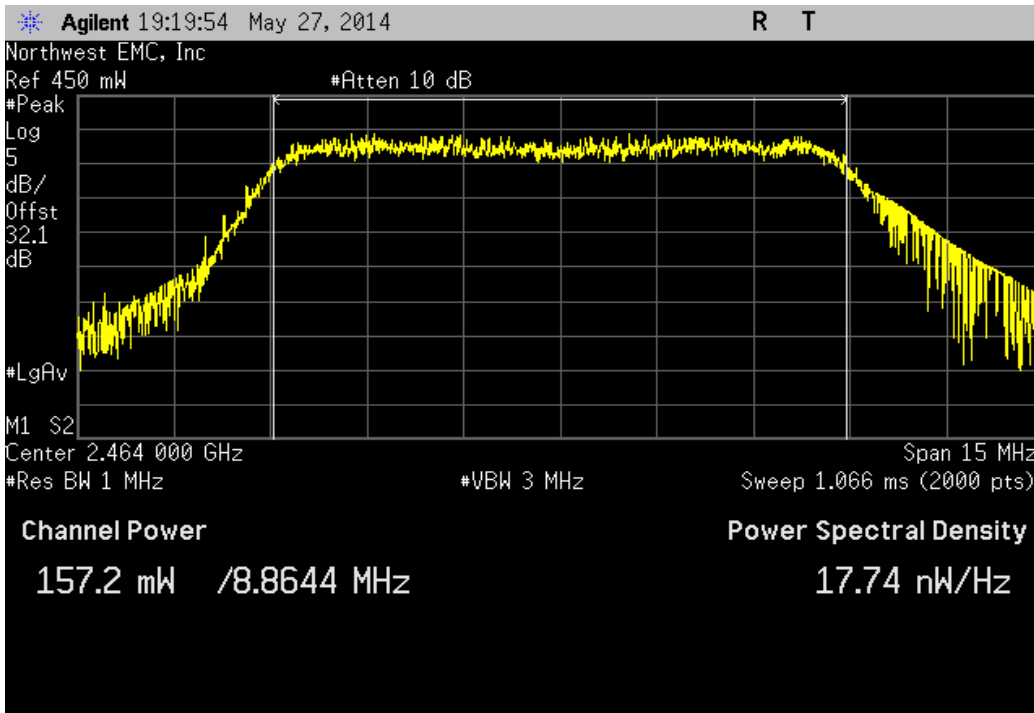
Chain B, 2400 MHz - 2483.5 MHz Band, 10MHz Bandwidth , 2x2 Modulation Type, 64-QAM, Coding Rate, 5/6., Mid Channel 2439 MHz

Value	Limit	Result
160.22 mW	< 1 W	Pass



Chain B, 2400 MHz - 2483.5 MHz Band, 10MHz Bandwidth , 2x2 Modulation Type, 64-QAM, Coding Rate, 5/6., High Channel 2464 MHz

Value	Limit	Result
157.219 mW	< 1 W	Pass



OUTPUT POWER - 3x3 MIMO

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
40GHz DC Block	Miteq	DCB4000	AMD	4/28/2014	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 6 dB, SMA M/F 26GHz	S.M. Electronics	SA26B-6	AUX	7/30/2013	12
Power Meter	Agilent	N1913A	SQR	4/29/2013	36
Power Sensor	Agilent	E9300H	SQO	4/29/2013	36
Spectrum Analyzer	Agilent	E4446A	AAQ	1/21/2014	24
MXG MW Analog Signal Generator 40 Gig	Agilent	N5183A	TID	9/19/2011	36

TEST DESCRIPTION

The transmit frequency was set to the required channels in each band. The transmit power was set to its default maximum. A direct connection was made between the RF output of the EUT and a spectrum analyzer. Attenuation and a DC block were used. The reference level offset on the spectrum analyzer was adjusted to compensate for cable loss and the external attenuation used between the RF output and the spectrum analyzer input.

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

The method found in KDB 558074 DTS D01 Measurement Section 9.1.1 was used because the RBW on the analyzer was greater than the DTS Bandwidth of the radio.

De Facto EIRP Limit: Per 47 CFR 15.247 (b)(1-3), the EUT meets the de facto EIRP limit of +36 dBm.



OUTPUT POWER - 3x3 MIMO

XMit 2014.02.07
PsaTx 2014.04.01

EUT: WavePoint 10e Industrial Wireless Router (W2400-01)		Work Order: FREW0026
Serial Number: 135268908		Date: 05/29/14
Customer: FreeWave Technologies, Inc.		Temperature: 22°C
Attendees: Dean Busch		Humidity: 36%
Project: None		Barometric Pres.: 1022
Tested by: Brandon Hobbs, Jared Ison	Power: 12 VDC	Job Site: EV06

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

COMMENTS
An additional 10dB 5watt attenuator was used inline for all measurements made while under test. Please reference the power levels for this test in the power level table.

DEVIATIONS FROM TEST STANDARD
None

Configuration #	1	Signature 
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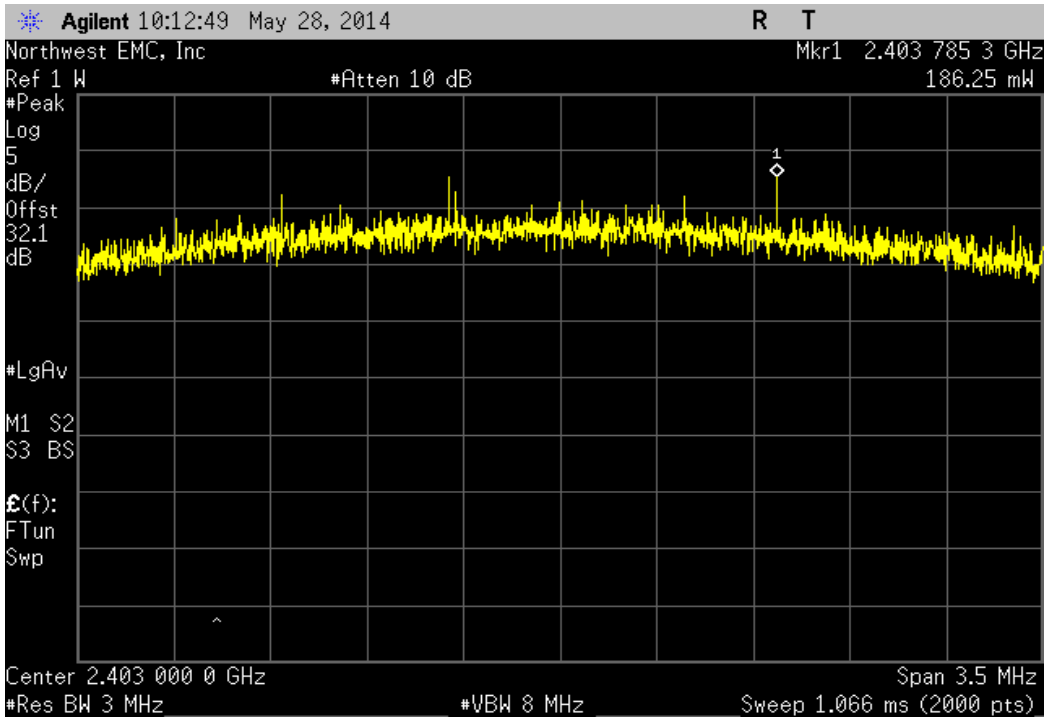
		Value	Limit	Result
Chain 1	2400 MHz - 2483.5 MHz Band			
	2.5MHz Bandwidth			
	802.11(n) MCS16			
	Low Channel 2403 MHz	186.252 mW	< 1 W	Pass
	Mid Channel 2435 MHz	102.07 mW	< 1 W	Pass
	High Channel 2470 MHz	150.834 mW	< 1 W	Pass
	802.11(n) MCS23			
	Low Channel 2403 MHz	180.385 mW	< 1 W	Pass
	Mid Channel 2435 MHz	105.512 mW	< 1 W	Pass
	High Channel 2470 MHz	166.226 mW	< 1 W	Pass
	5MHz Bandwidth			
	802.11(n) MCS16			
	Low Channel 2406 MHz	155.919 mW	< 1 W	Pass
	Mid Channel 2436 MHz	95.653 mW	< 1 W	Pass
	High Channel 2466 MHz	78.379 mW	< 1 W	Pass
	802.11(n) MCS23			
	Low Channel 2406 MHz	115.585 mW	< 1 W	Pass
	Mid Channel 2436 MHz	92.555 mW	< 1 W	Pass
	High Channel 2466 MHz	96.872 mW	< 1 W	Pass
	10MHz Bandwidth			
	802.11(n) MCS16			
	Low Channel 2409 MHz	133.018 mW	< 1 W	Pass
	Mid Channel 2439 MHz	105.543 mW	< 1 W	Pass
	High Channel 2464 MHz	91.687 mW	< 1 W	Pass
	802.11(n) MCS23			
	Low Channel 2409 MHz	144.878 mW	< 1 W	Pass
	Mid Channel 2439 MHz	106.544 mW	< 1 W	Pass
	High Channel 2464 MHz	88.828 mW	< 1 W	Pass
Chain 2	2400 MHz - 2483.5 MHz Band			
	2.5MHz Bandwidth			
	802.11(n) MCS16			
	Low Channel 2403 MHz	117.46 mW	< 1 W	Pass
	Mid Channel 2435 MHz	86.656 mW	< 1 W	Pass
	High Channel 2470 MHz	91.306 mW	< 1 W	Pass
	802.11(n) MCS23			
	Low Channel 2403 MHz	112.176 mW	< 1 W	Pass
	Mid Channel 2435 MHz	88.512 mW	< 1 W	Pass
	High Channel 2470 MHz	89.31 mW	< 1 W	Pass
	5MHz Bandwidth			
	802.11(n) MCS16			
	Low Channel 2406 MHz	153.426 mW	< 1 W	Pass
	Mid Channel 2436 MHz	108.768 mW	< 1 W	Pass
	High Channel 2466 MHz	107.622 mW	< 1 W	Pass
	802.11(n) MCS23			
	Low Channel 2406 MHz	157.181 mW	< 1 W	Pass
	Mid Channel 2436 MHz	114.446 mW	< 1 W	Pass
	High Channel 2466 MHz	114.683 mW	< 1 W	Pass
	10MHz Bandwidth			
	802.11(n) MCS16			
	Low Channel 2409 MHz	110.013 mW	< 1 W	Pass
	Mid Channel 2439 MHz	89.28 mW	< 1 W	Pass
	High Channel 2464 MHz	82.663 mW	< 1 W	Pass
	802.11(n) MCS23			
	Low Channel 2409 MHz	108.646 mW	< 1 W	Pass
	Mid Channel 2439 MHz	89.513 mW	< 1 W	Pass
	High Channel 2464 MHz	88.111 mW	< 1 W	Pass
Chain 3	2400 MHz - 2483.5 MHz Band			
	2.5MHz Bandwidth			
	802.11(n) MCS16			
	Low Channel 2403 MHz	87.963 mW	< 1 W	Pass
	Mid Channel 2435 MHz	97.836 mW	< 1 W	Pass
	High Channel 2470 MHz	101.228 mW	< 1 W	Pass
	802.11(n) MCS23			
	Low Channel 2403 MHz	92.13 mW	< 1 W	Pass
	Mid Channel 2435 MHz	99.885 mW	< 1 W	Pass
	High Channel 2470 MHz	96.561 mW	< 1 W	Pass
	5MHz Bandwidth			
	802.11(n) MCS16			
	Low Channel 2406 MHz	107.004 mW	< 1 W	Pass
	Mid Channel 2436 MHz	123.055 mW	< 1 W	Pass
	High Channel 2466 MHz	115.585 mW	< 1 W	Pass
	802.11(n) MCS23			
	Low Channel 2406 MHz	109.85 mW	< 1 W	Pass
	Mid Channel 2436 MHz	119.564 mW	< 1 W	Pass
	High Channel 2466 MHz	114.393 mW	< 1 W	Pass
	10MHz Bandwidth			
	802.11(n) MCS16			
	Low Channel 2409 MHz	88.226 mW	< 1 W	Pass
	Mid Channel 2439 MHz	87.474 mW	< 1 W	Pass
	High Channel 2464 MHz	78.166 mW	< 1 W	Pass
	802.11(n) MCS23			
	Low Channel 2409 MHz	87.947 mW	< 1 W	Pass
	Mid Channel 2439 MHz	88.144 mW	< 1 W	Pass
	High Channel 2464 MHz	80.001 mW	< 1 W	Pass

Chain 1,2,3

2400 MHz - 2483.5 MHz Band		Chain 1	Chain 2	Chain 3	Summed Power	
2.5MHz Bandwidth		(mW)	(mW)	(mW)	(mW)	
802.11(n) MCS16						
	Low Channel 2403 MHz	186.252000	117.460000	87.963000	391.675000	Pass
	Mid Channel 2435 MHz	102.070000	86.656000	97.836000	286.562000	Pass
	High Channel 2470 MHz	150.834000	91.306000	101.228000	343.368000	Pass
802.11(n) MCS23						
	Low Channel 2403 MHz	180.385000	112.176000	92.130000	384.691000	Pass
	Mid Channel 2435 MHz	105.512000	88.512000	99.885000	293.909000	Pass
	High Channel 2470 MHz	166.226000	89.310000	96.561000	352.097000	Pass
5MHz Bandwidth						
802.11(n) MCS16						
	Low Channel 2406 MHz	155.919000	153.426000	107.004000	416.349000	Pass
	Mid Channel 2436 MHz	95.653000	108.768000	123.055000	327.476000	Pass
	High Channel 2466 MHz	78.379000	107.622000	115.585000	301.586000	Pass
802.11(n) MCS23						
	Low Channel 2406 MHz	115.585000	157.181000	109.850000	382.616000	Pass
	Mid Channel 2436 MHz	92.555000	114.446000	119.564000	326.565000	Pass
	High Channel 2466 MHz	96.872000	114.683000	114.393000	325.948000	Pass
10MHz Bandwidth						
802.11(n) MCS16						
	Low Channel 2409 MHz	133.018000	110.013000	88.226000	331.257000	Pass
	Mid Channel 2439 MHz	105.543000	89.280000	87.474000	282.297000	Pass
	High Channel 2464 MHz	91.687000	82.663000	78.166000	252.516000	Pass
802.11(n) MCS23						
	Low Channel 2409 MHz	144.878000	108.646000	87.947000	341.471000	Pass
	Mid Channel 2439 MHz	106.544000	89.513000	88.144000	284.201000	Pass
	High Channel 2464 MHz	88.828000	88.111000	80.001000	256.940000	Pass

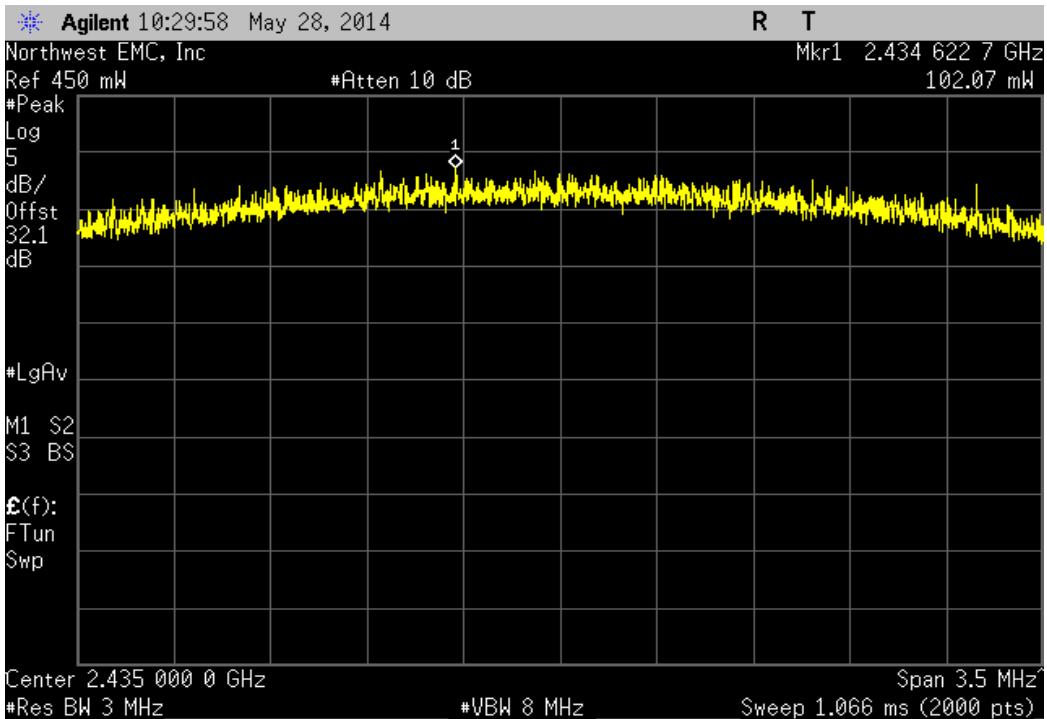
Chain A , 2400 MHz - 2483.5 MHz Band, 2.5MHz Bandwidth , 802.11(n) MCS16, Low Channel 2403 MHz

Value	Limit	Result
186.252 mW	< 1 W	Pass



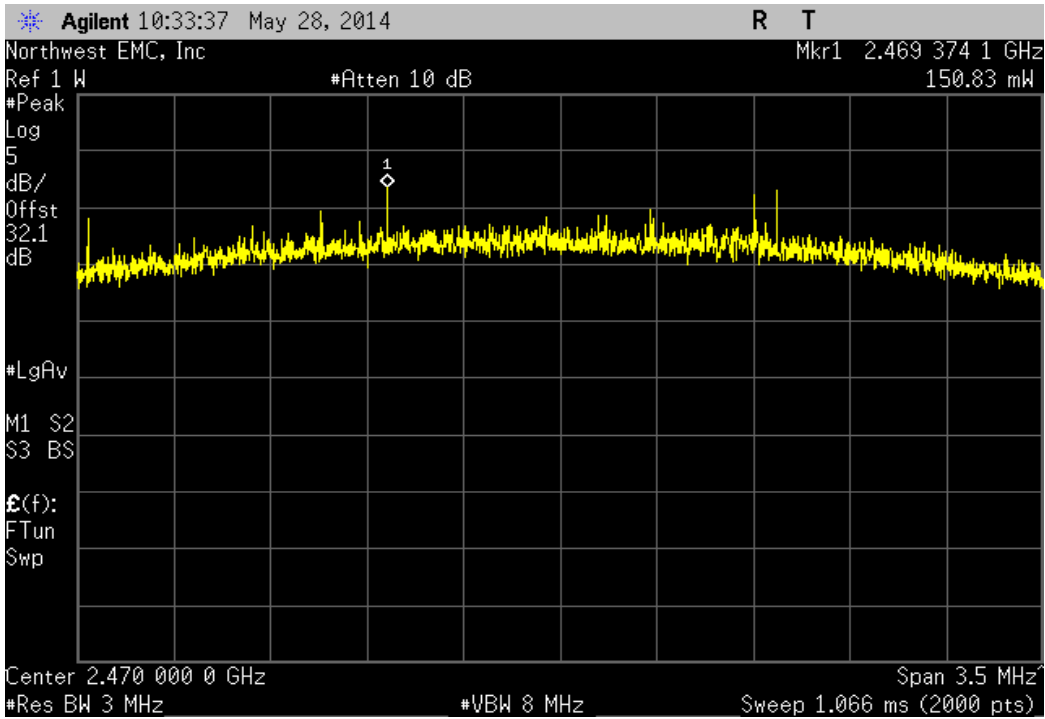
Chain A , 2400 MHz - 2483.5 MHz Band, 2.5MHz Bandwidth , 802.11(n) MCS16, Mid Channel 2435 MHz

Value	Limit	Result
102.07 mW	< 1 W	Pass



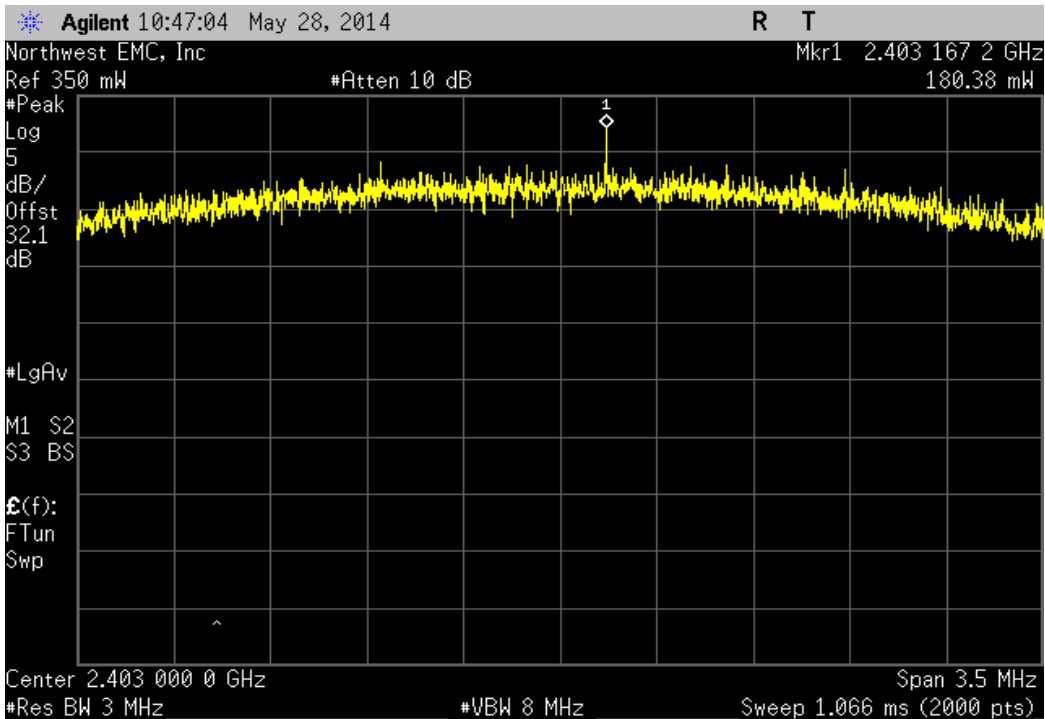
Chain A , 2400 MHz - 2483.5 MHz Band, 2.5MHz Bandwidth , 802.11(n) MCS16, High Channel 2470 MHz

Value	Limit	Result
150.834 mW	< 1 W	Pass



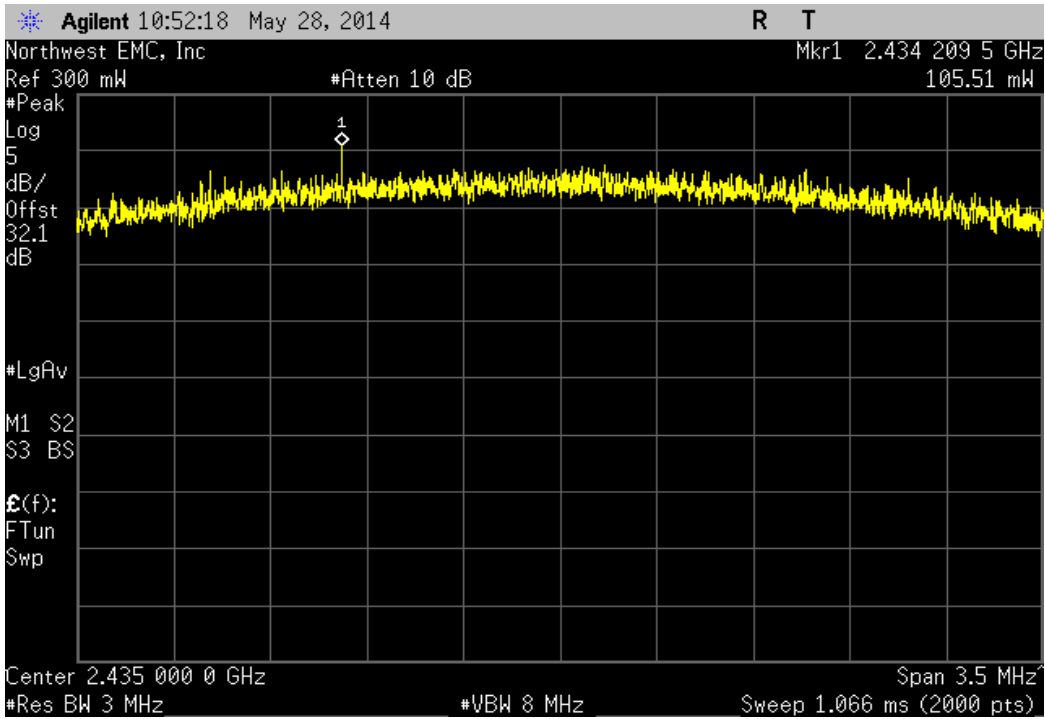
Chain A , 2400 MHz - 2483.5 MHz Band, 2.5MHz Bandwidth , 802.11(n) MCS23, Low Channel 2403 MHz

Value	Limit	Result
180.385 mW	< 1 W	Pass



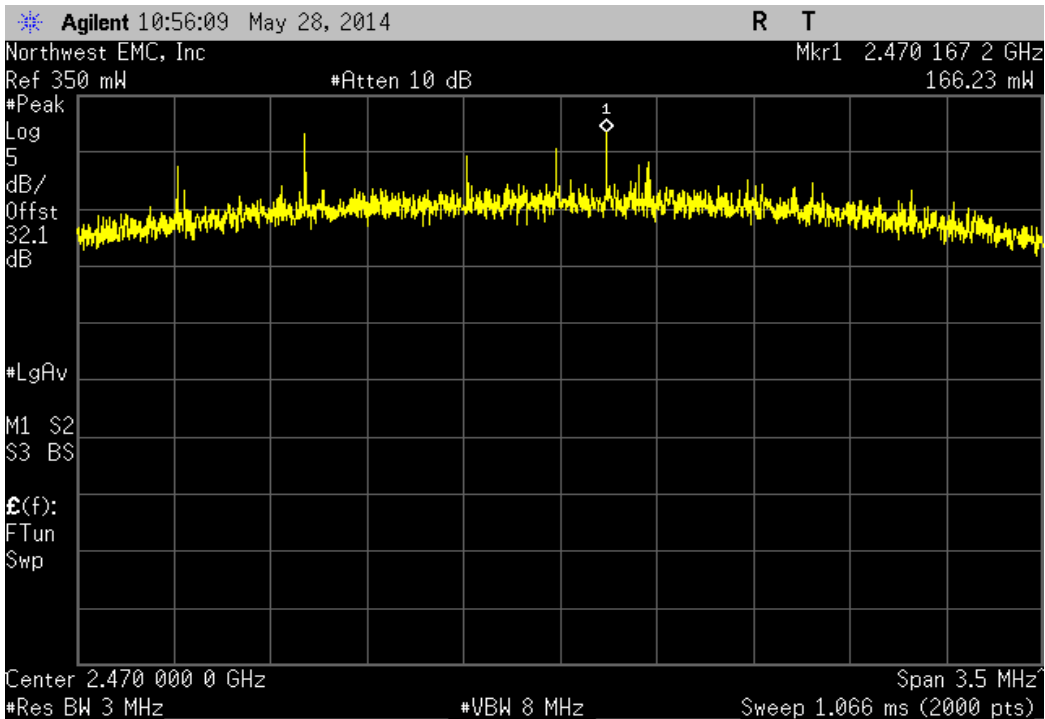
Chain A , 2400 MHz - 2483.5 MHz Band, 2.5MHz Bandwidth , 802.11(n) MCS23, Mid Channel 2435 MHz

Value	Limit	Result
105.512 mW	< 1 W	Pass



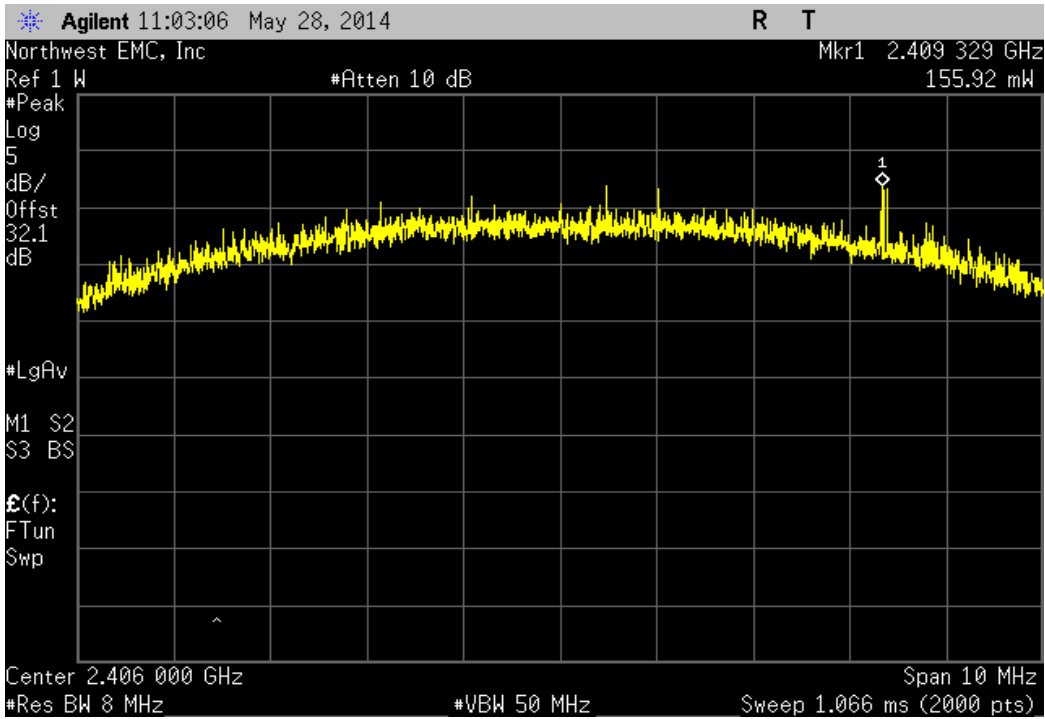
Chain A , 2400 MHz - 2483.5 MHz Band, 2.5MHz Bandwidth , 802.11(n) MCS23, High Channel 2470 MHz

Value	Limit	Result
166.226 mW	< 1 W	Pass



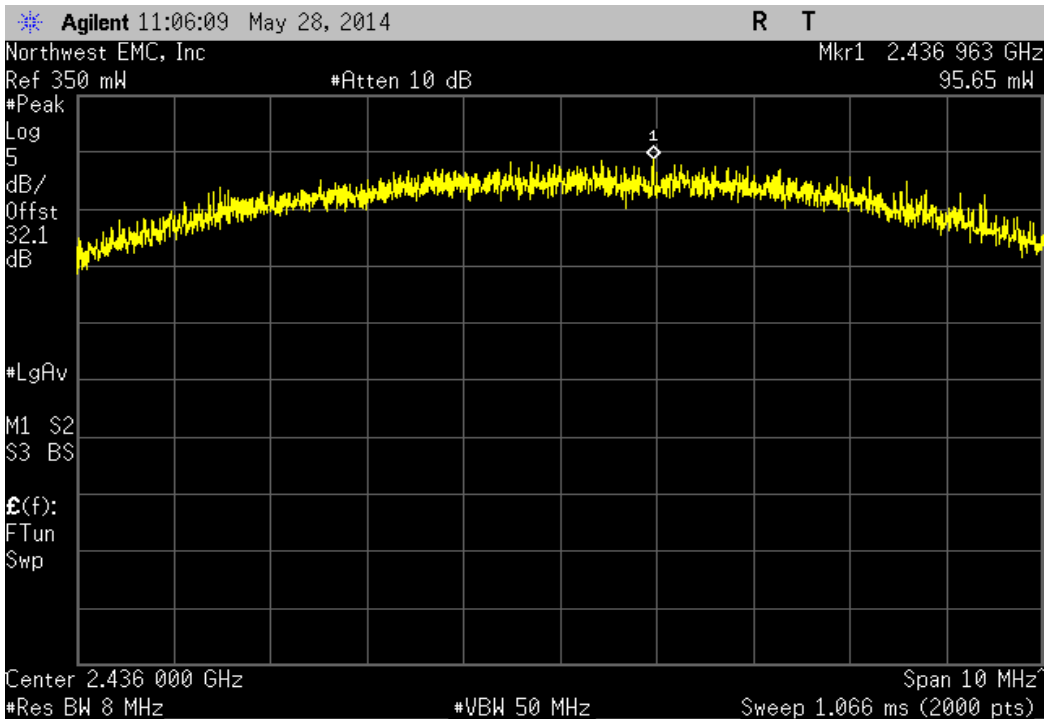
Chain A , 2400 MHz - 2483.5 MHz Band, 5MHz Bandwidth , 802.11(n) MCS16, Low Channel 2406 MHz

Value	Limit	Result
155.919 mW	< 1 W	Pass



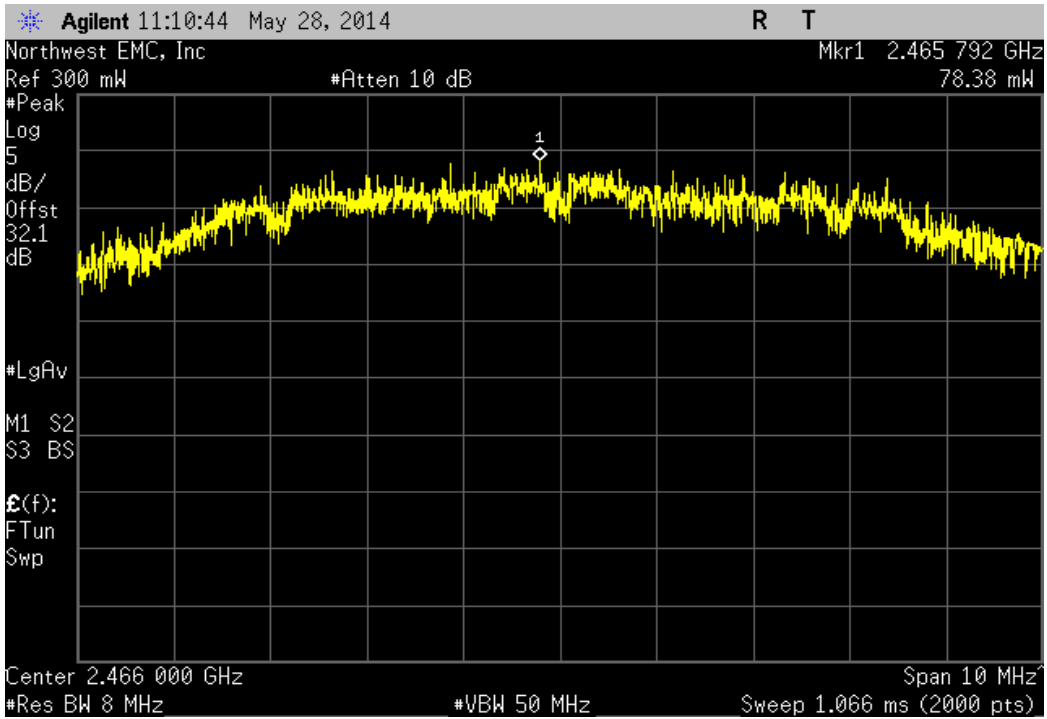
Chain A , 2400 MHz - 2483.5 MHz Band, 5MHz Bandwidth , 802.11(n) MCS16, Mid Channel 2436 MHz

Value	Limit	Result
95.653 mW	< 1 W	Pass



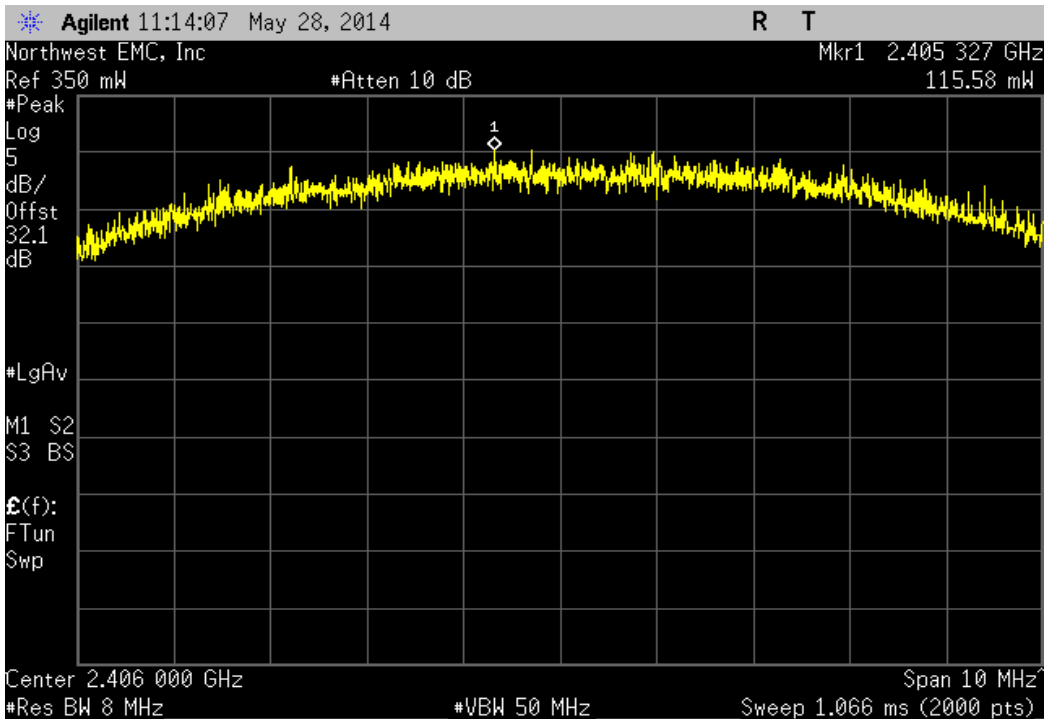
Chain A , 2400 MHz - 2483.5 MHz Band, 5MHz Bandwidth , 802.11(n) MCS16, High Channel 2466 MHz

Value	Limit	Result
78.379 mW	< 1 W	Pass



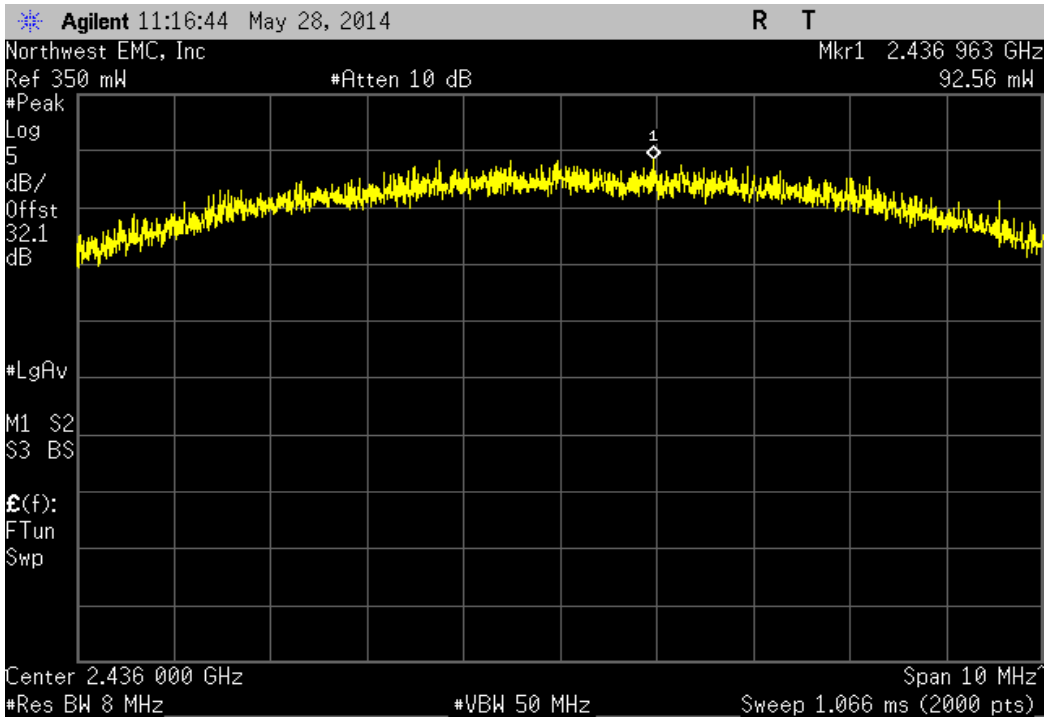
Chain A , 2400 MHz - 2483.5 MHz Band, 5MHz Bandwidth , 802.11(n) MCS23, Low Channel 2406 MHz

Value	Limit	Result
115.585 mW	< 1 W	Pass



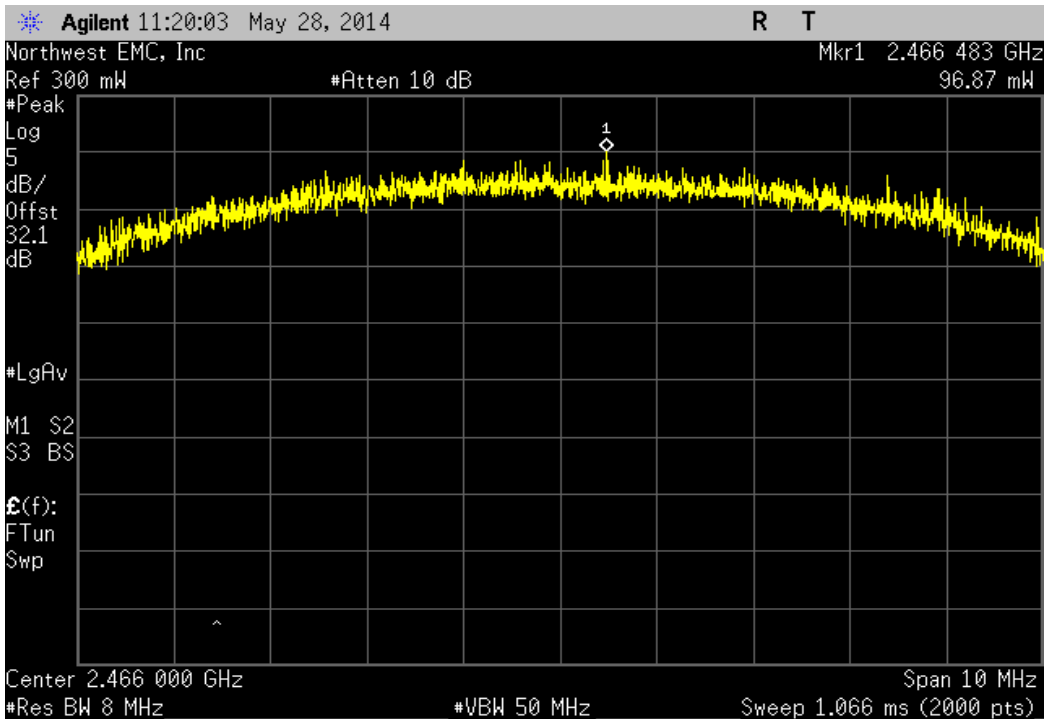
Chain A , 2400 MHz - 2483.5 MHz Band, 5MHz Bandwidth , 802.11(n) MCS23, Mid Channel 2436 MHz

Value	Limit	Result
92.555 mW	< 1 W	Pass



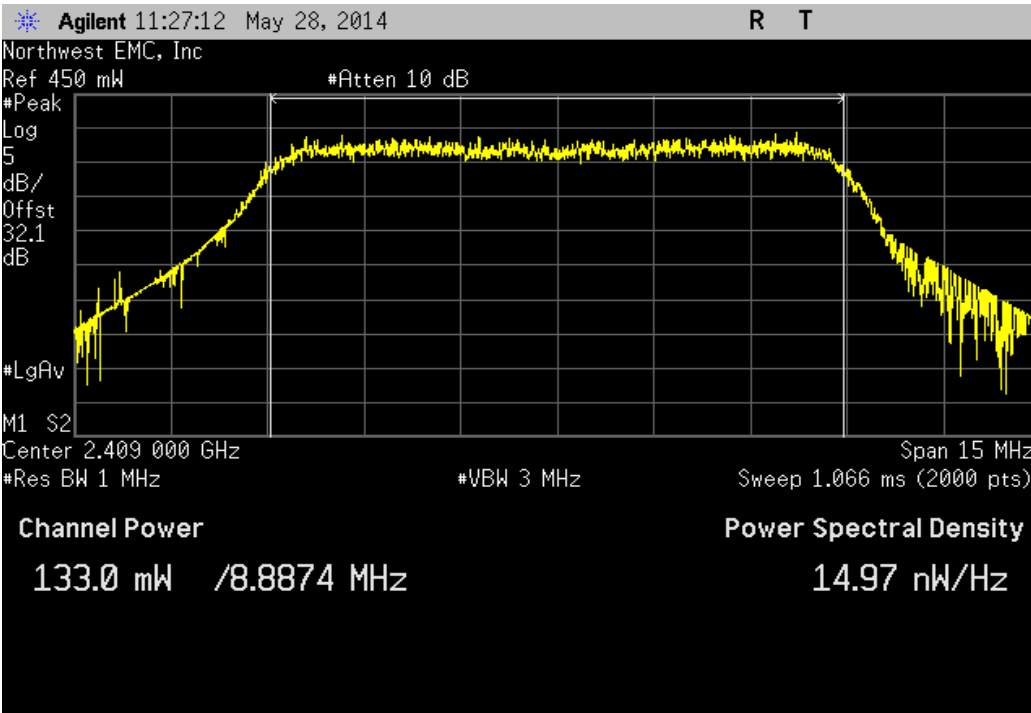
Chain A , 2400 MHz - 2483.5 MHz Band, 5MHz Bandwidth , 802.11(n) MCS23, High Channel 2466 MHz

Value	Limit	Result
96.872 mW	< 1 W	Pass



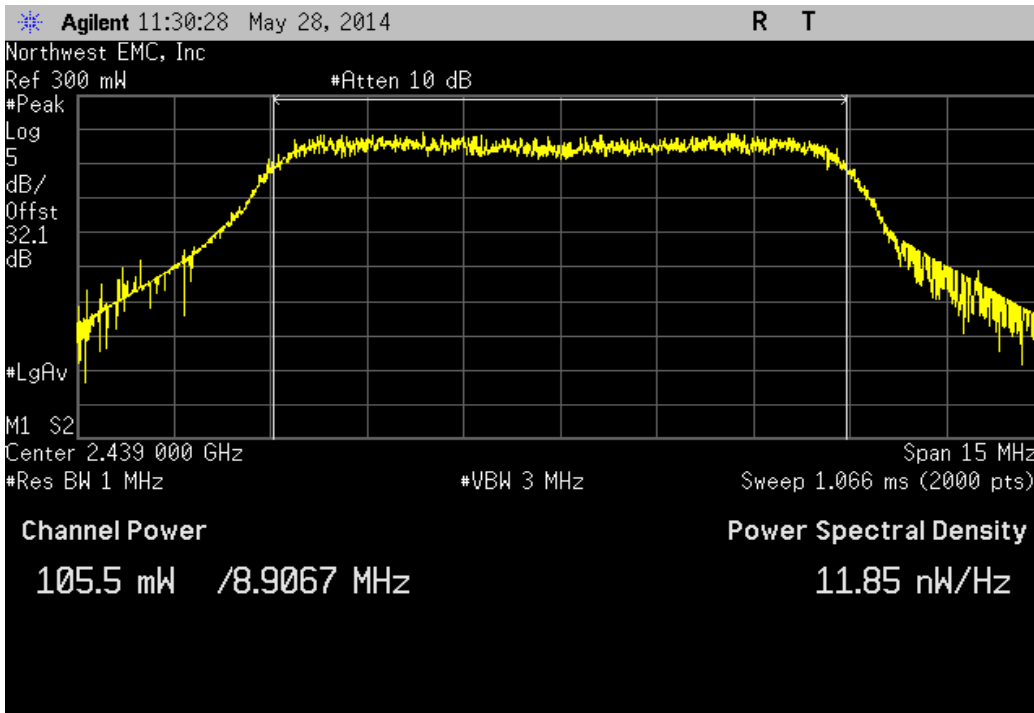
Chain A , 2400 MHz - 2483.5 MHz Band, 10MHz Bandwidth , 802.11(n) MCS16, Low Channel 2409 MHz

Value	Limit	Result
133.018 mW	< 1 W	Pass



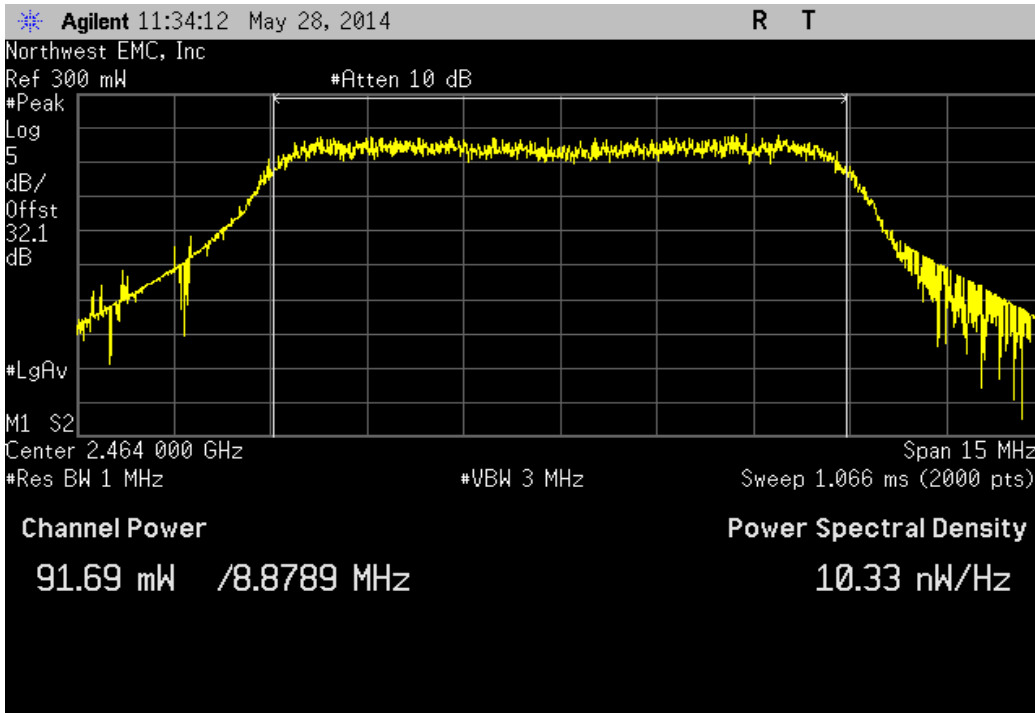
Chain A , 2400 MHz - 2483.5 MHz Band, 10MHz Bandwidth , 802.11(n) MCS16, Mid Channel 2439 MHz

Value	Limit	Result
105.543 mW	< 1 W	Pass



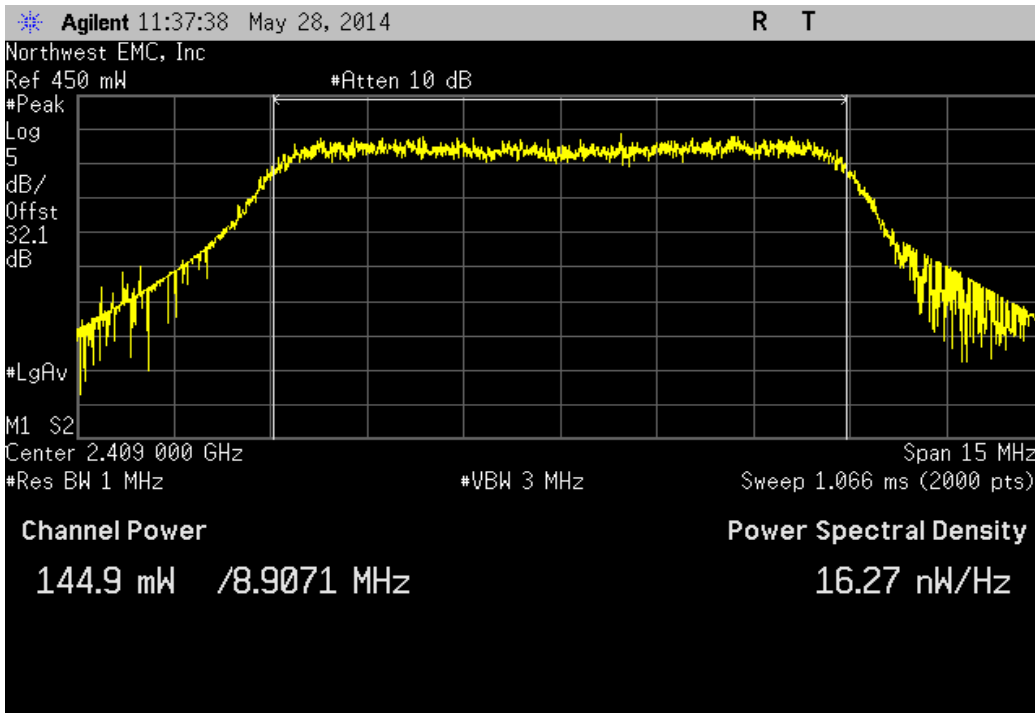
Chain A , 2400 MHz - 2483.5 MHz Band, 10MHz Bandwidth , 802.11(n) MCS16, High Channel 2464 MHz

	Value	Limit	Result
	91.687 mW	< 1 W	Pass



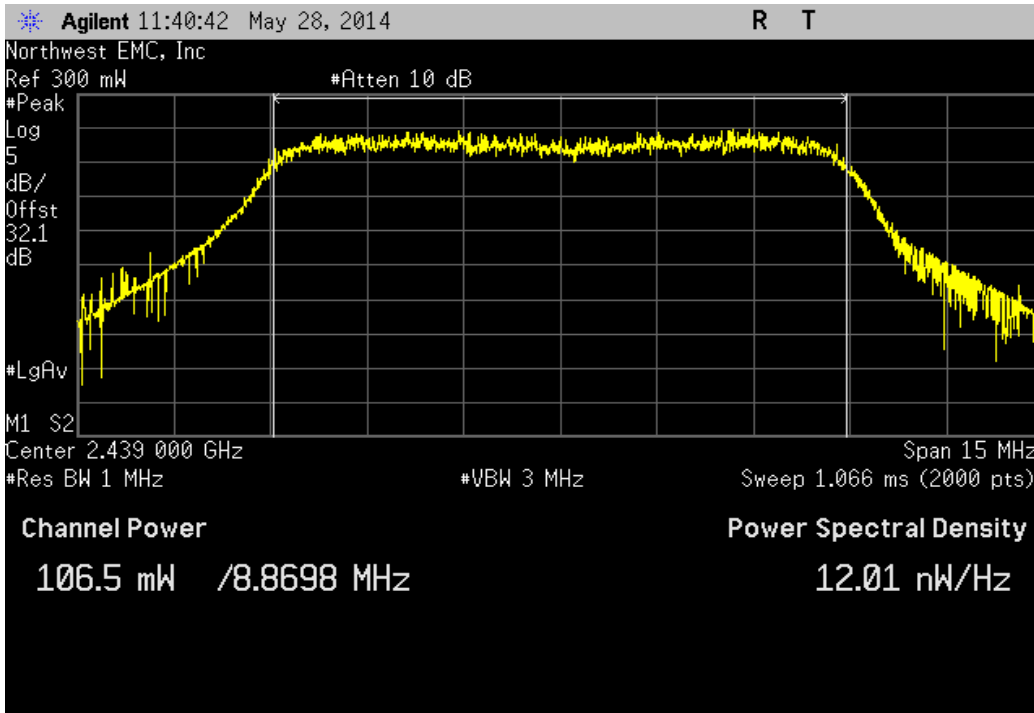
Chain A , 2400 MHz - 2483.5 MHz Band, 10MHz Bandwidth , 802.11(n) MCS23, Low Channel 2409 MHz

	Value	Limit	Result
	144.878 mW	< 1 W	Pass



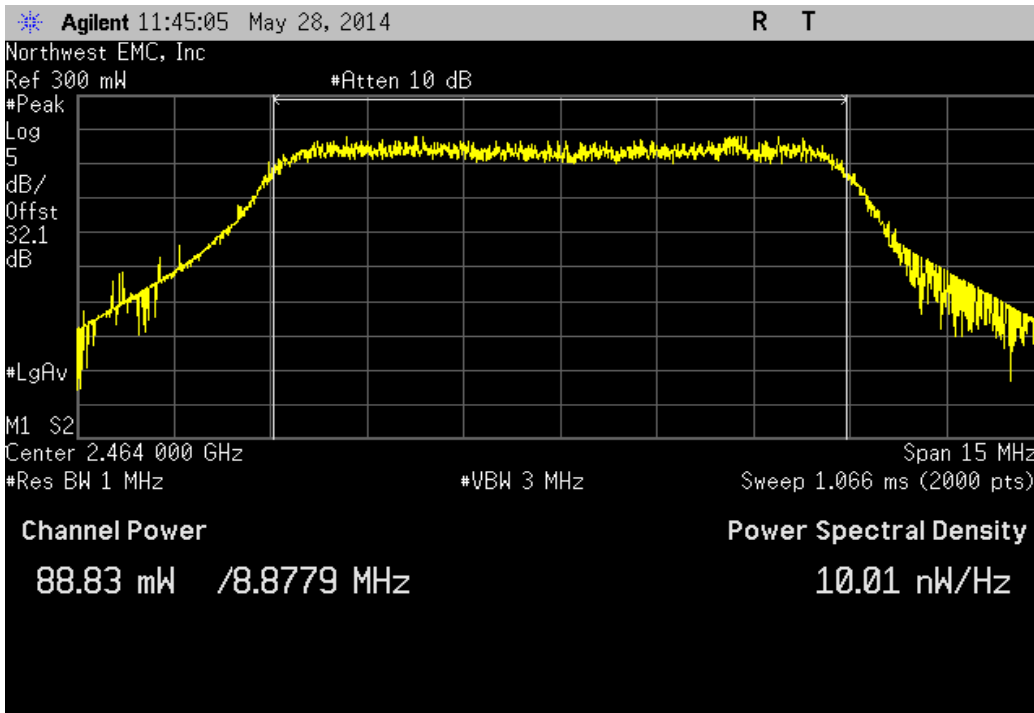
Chain A , 2400 MHz - 2483.5 MHz Band, 10MHz Bandwidth , 802.11(n) MCS23, Mid Channel 2439 MHz

Value	Limit	Result
106.544 mW	< 1 W	Pass



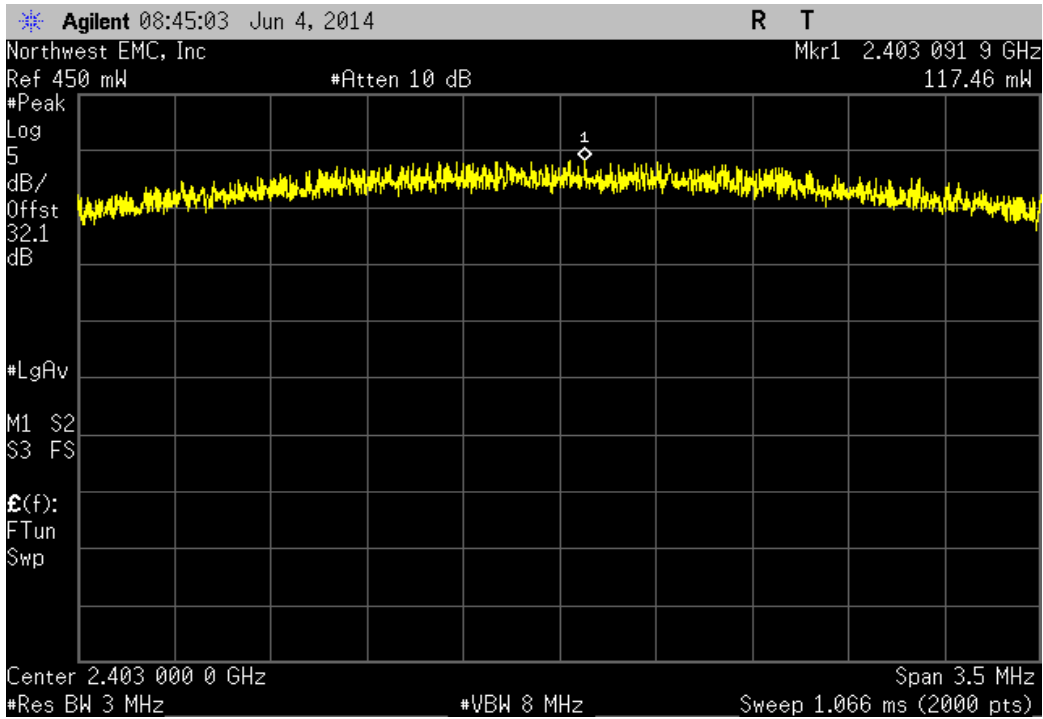
Chain A , 2400 MHz - 2483.5 MHz Band, 10MHz Bandwidth , 802.11(n) MCS23, High Channel 2464 MHz

Value	Limit	Result
88.828 mW	< 1 W	Pass



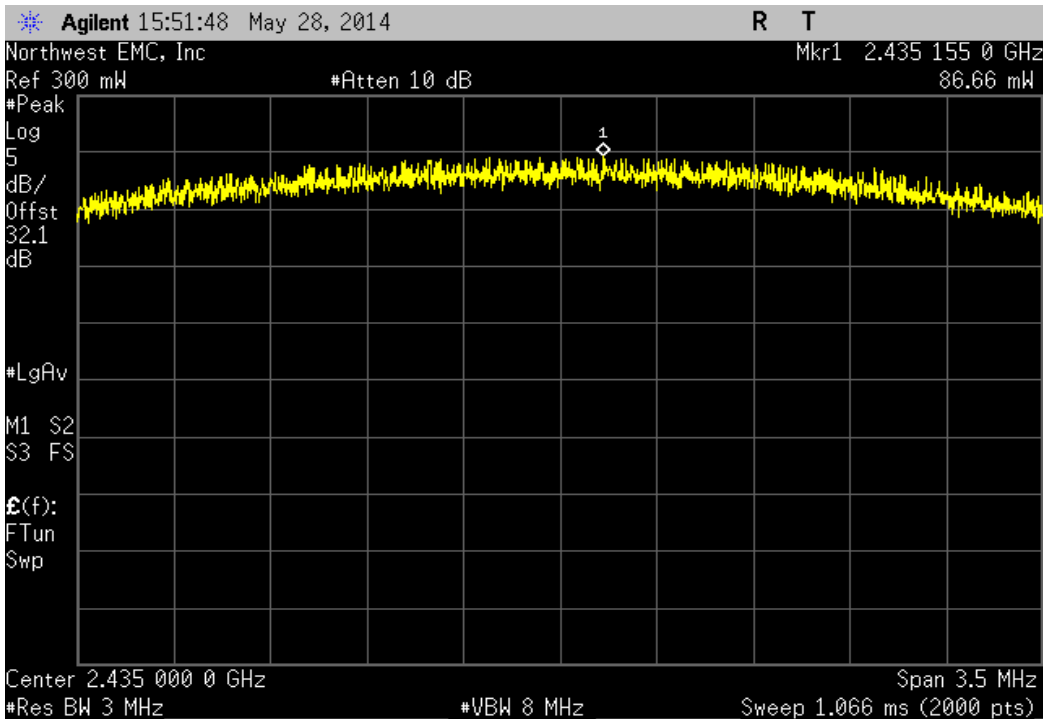
Chain B, 2400 MHz - 2483.5 MHz Band, 2.5MHz Bandwidth , 802.11(n) MCS16, Low Channel 2403 MHz

Value	Limit	Result
117.46 mW	< 1 W	Pass



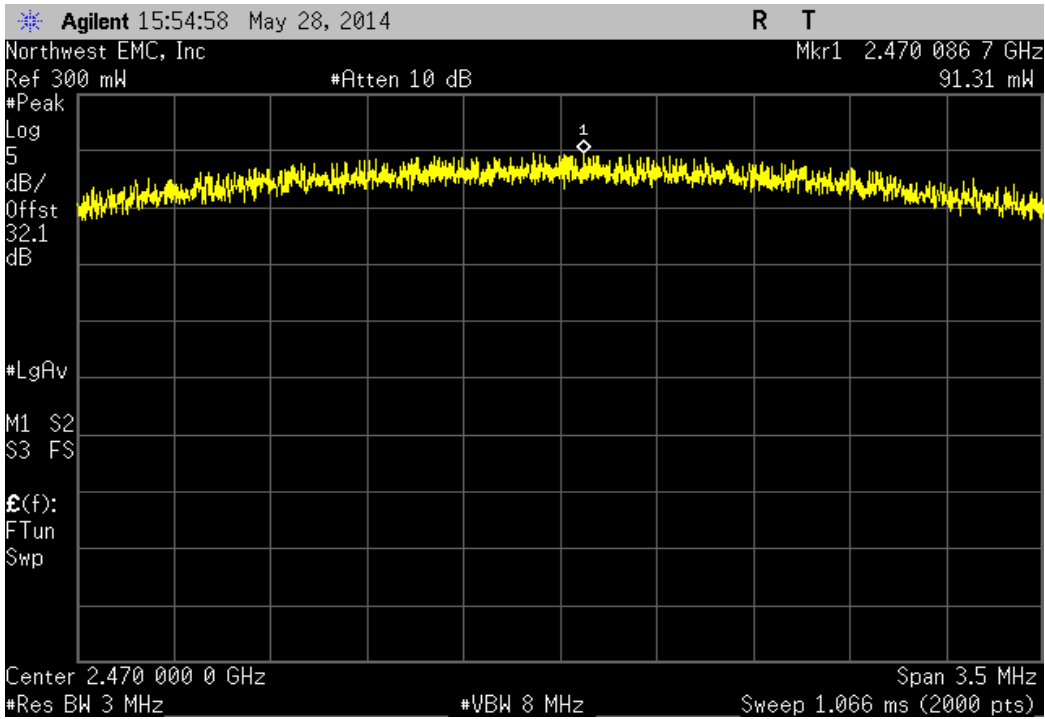
Chain B, 2400 MHz - 2483.5 MHz Band, 2.5MHz Bandwidth , 802.11(n) MCS16, Mid Channel 2435 MHz

Value	Limit	Result
86.656 mW	< 1 W	Pass



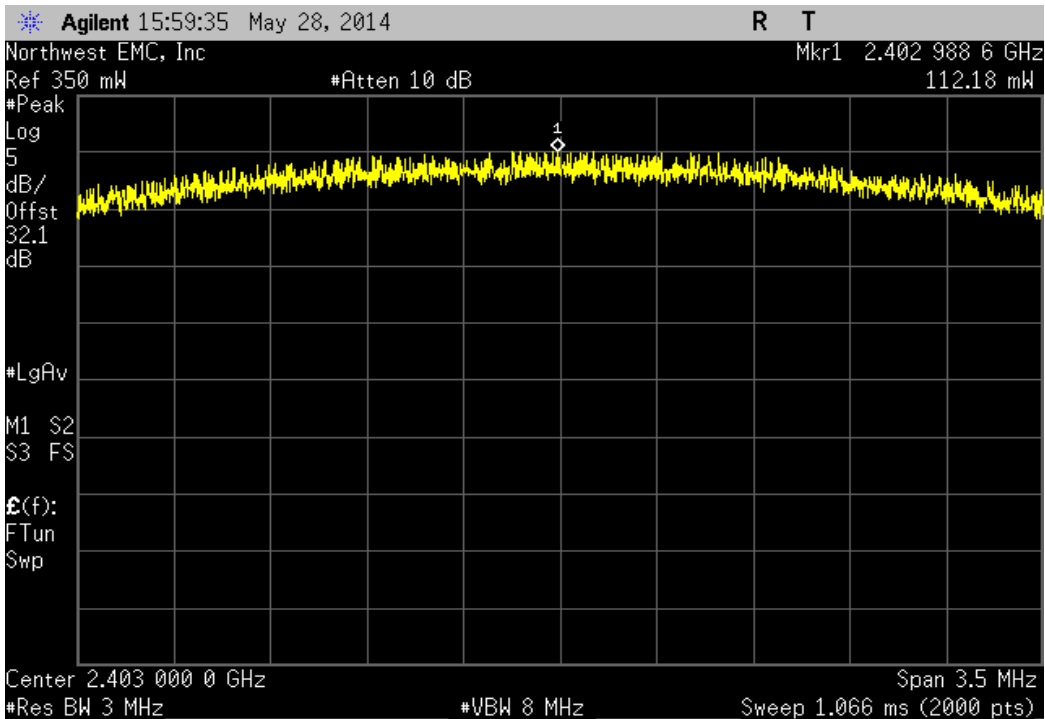
Chain B, 2400 MHz - 2483.5 MHz Band, 2.5MHz Bandwidth , 802.11(n) MCS16, High Channel 2470 MHz

Value	Limit	Result
91.306 mW	< 1 W	Pass



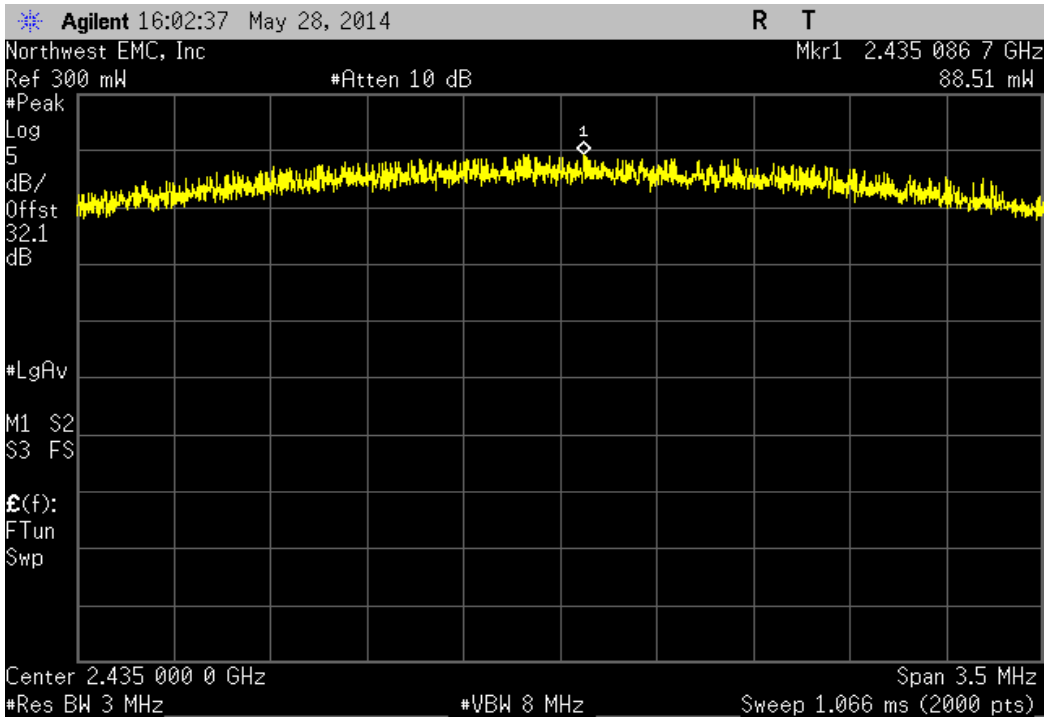
Chain B, 2400 MHz - 2483.5 MHz Band, 2.5MHz Bandwidth , 802.11(n) MCS23, Low Channel 2403 MHz

Value	Limit	Result
112.176 mW	< 1 W	Pass



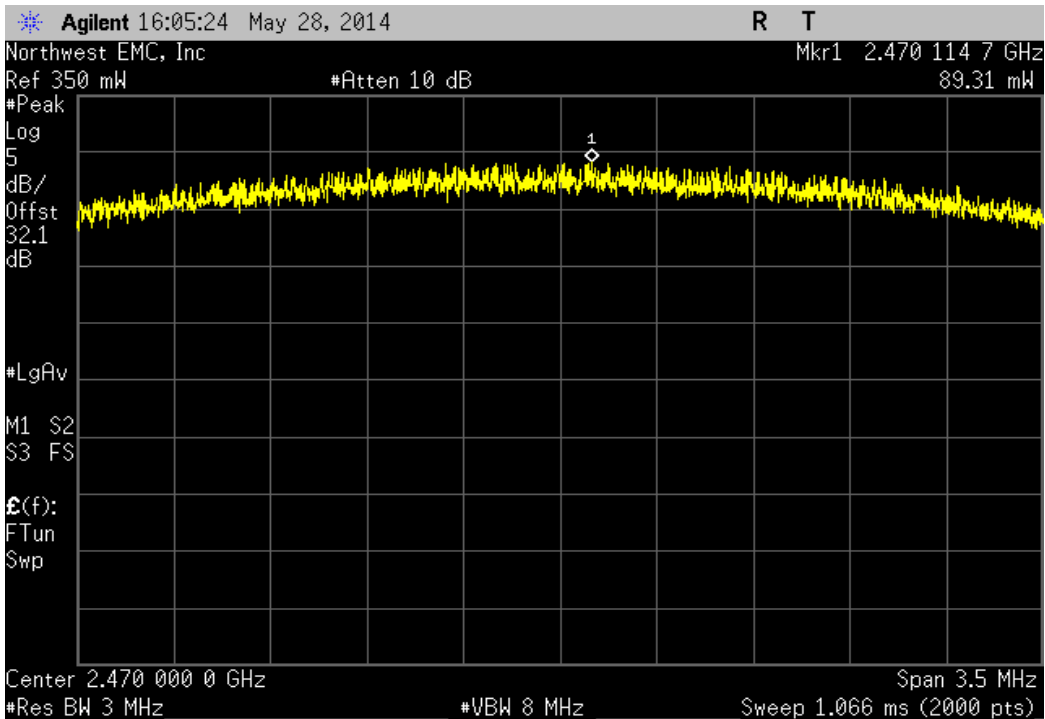
Chain B, 2400 MHz - 2483.5 MHz Band, 2.5MHz Bandwidth , 802.11(n) MCS23, Mid Channel 2435 MHz

Value	Limit	Result
88.512 mW	< 1 W	Pass



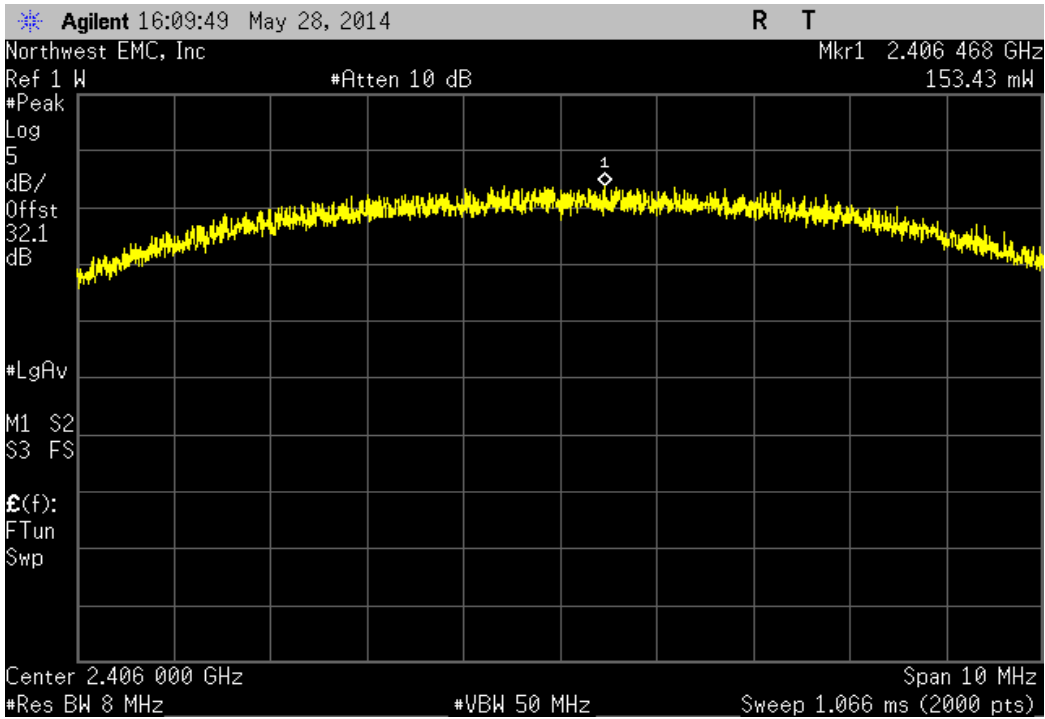
Chain B, 2400 MHz - 2483.5 MHz Band, 2.5MHz Bandwidth , 802.11(n) MCS23, High Channel 2470 MHz

Value	Limit	Result
89.31 mW	< 1 W	Pass



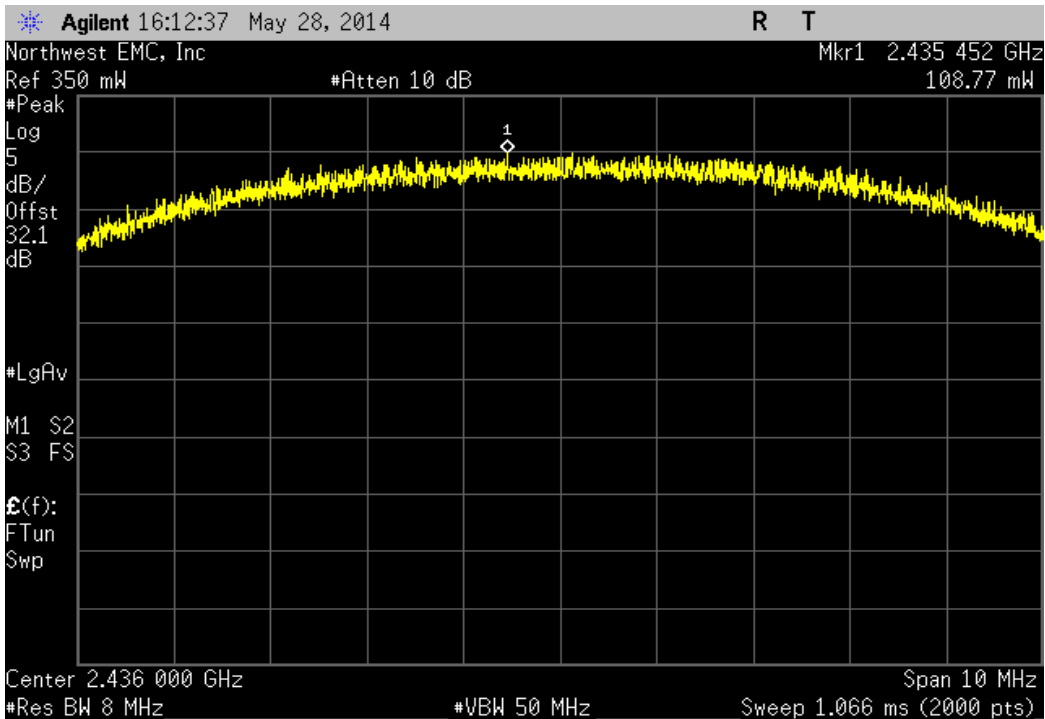
Chain B, 2400 MHz - 2483.5 MHz Band, 5MHz Bandwidth , 802.11(n) MCS16, Low Channel 2406 MHz

Value	Limit	Result
153.426 mW	< 1 W	Pass



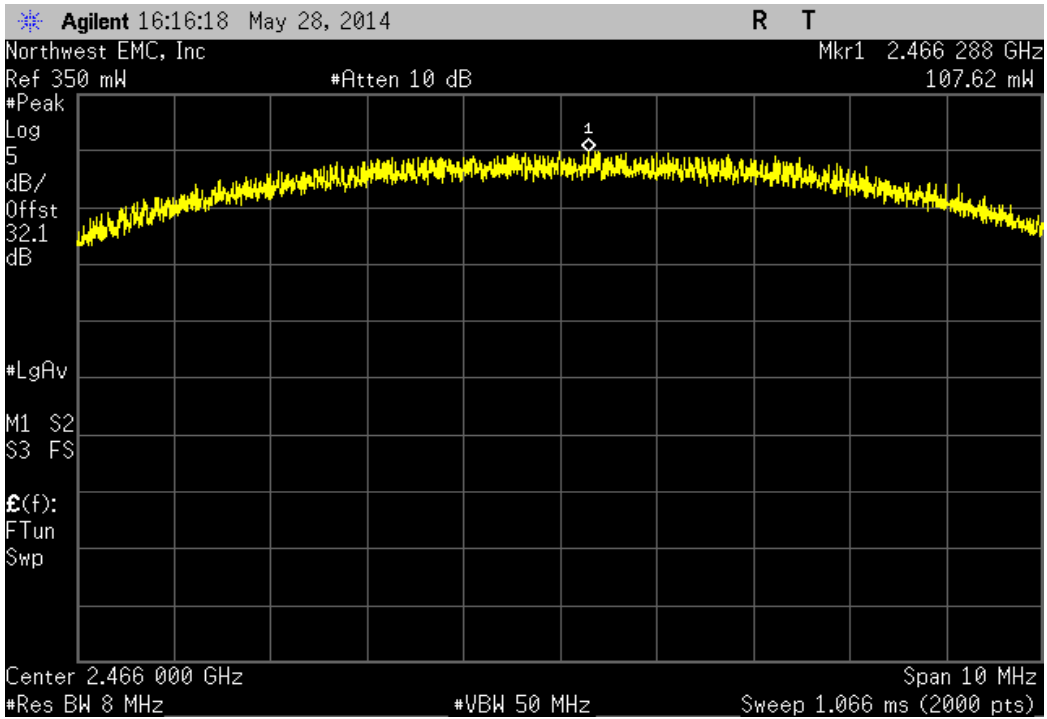
Chain B, 2400 MHz - 2483.5 MHz Band, 5MHz Bandwidth , 802.11(n) MCS16, Mid Channel 2436 MHz

Value	Limit	Result
108.768 mW	< 1 W	Pass



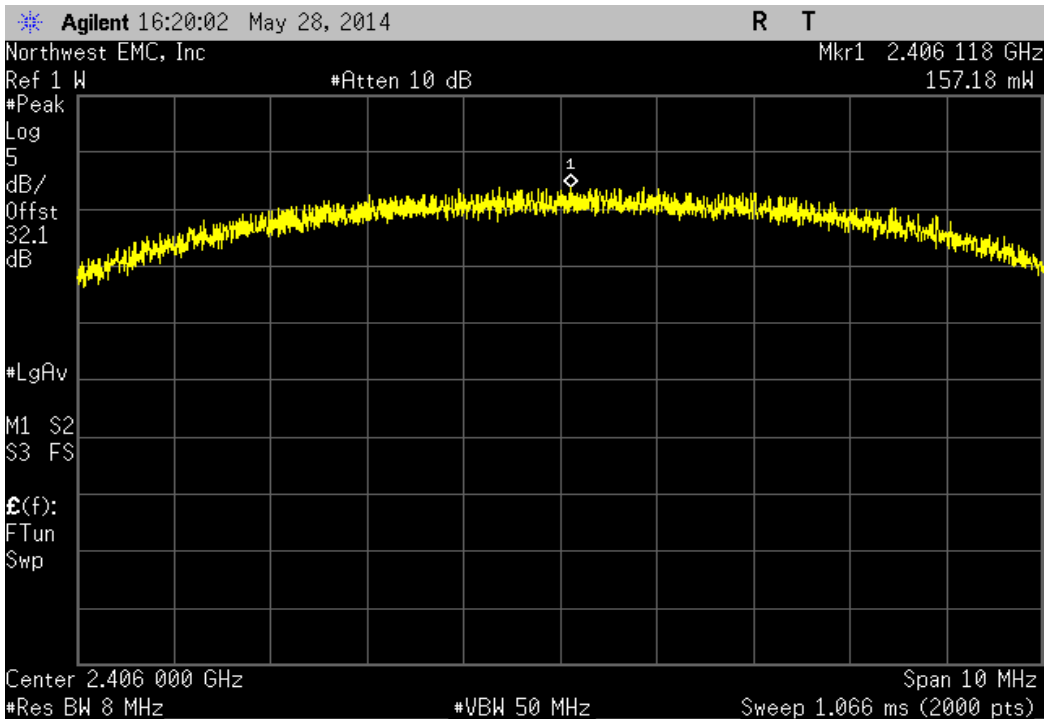
Chain B, 2400 MHz - 2483.5 MHz Band, 5MHz Bandwidth , 802.11(n) MCS16, High Channel 2466 MHz

Value	Limit	Result
107.622 mW	< 1 W	Pass



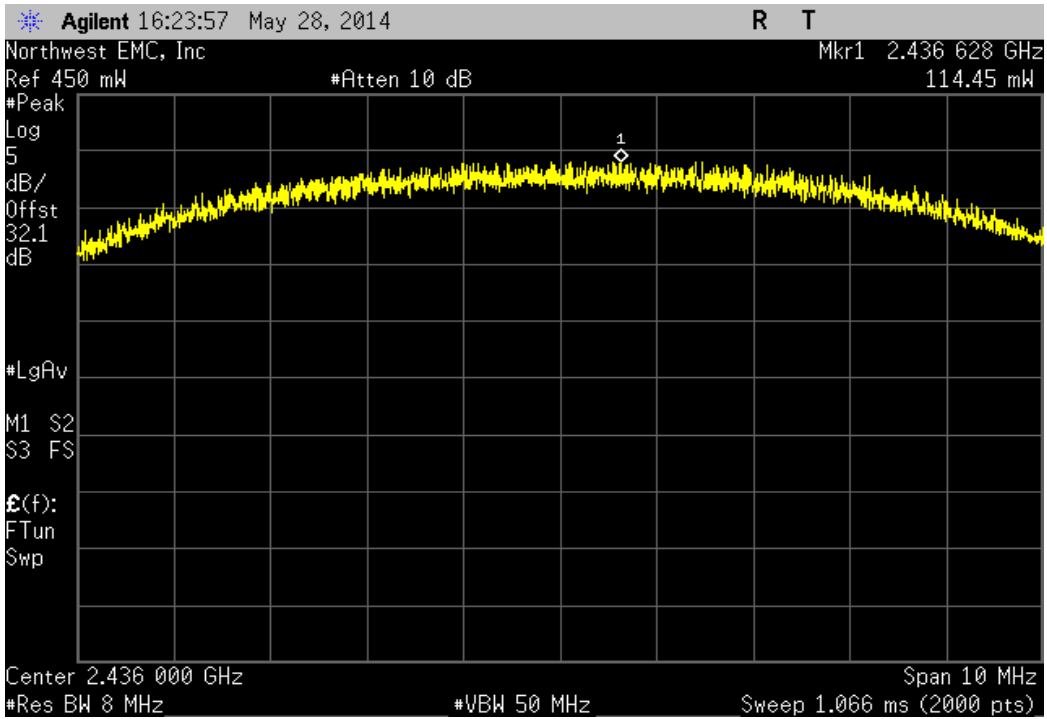
Chain B, 2400 MHz - 2483.5 MHz Band, 5MHz Bandwidth , 802.11(n) MCS23, Low Channel 2406 MHz

Value	Limit	Result
157.181 mW	< 1 W	Pass



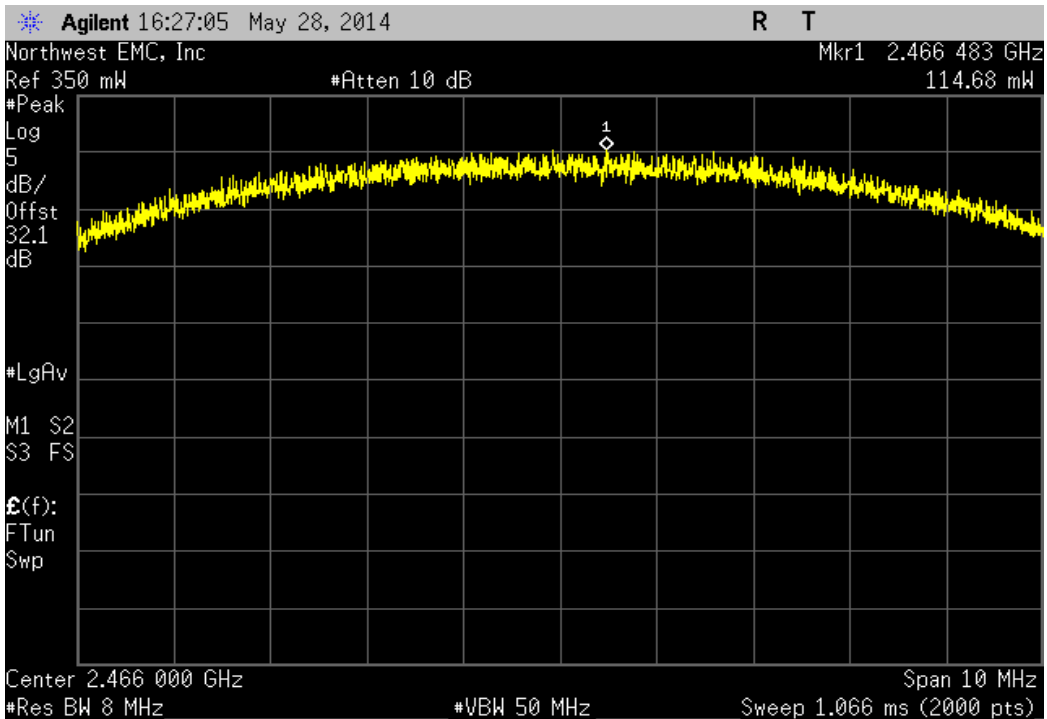
Chain B, 2400 MHz - 2483.5 MHz Band, 5MHz Bandwidth , 802.11(n) MCS23, Mid Channel 2436 MHz

Value	Limit	Result
114.446 mW	< 1 W	Pass



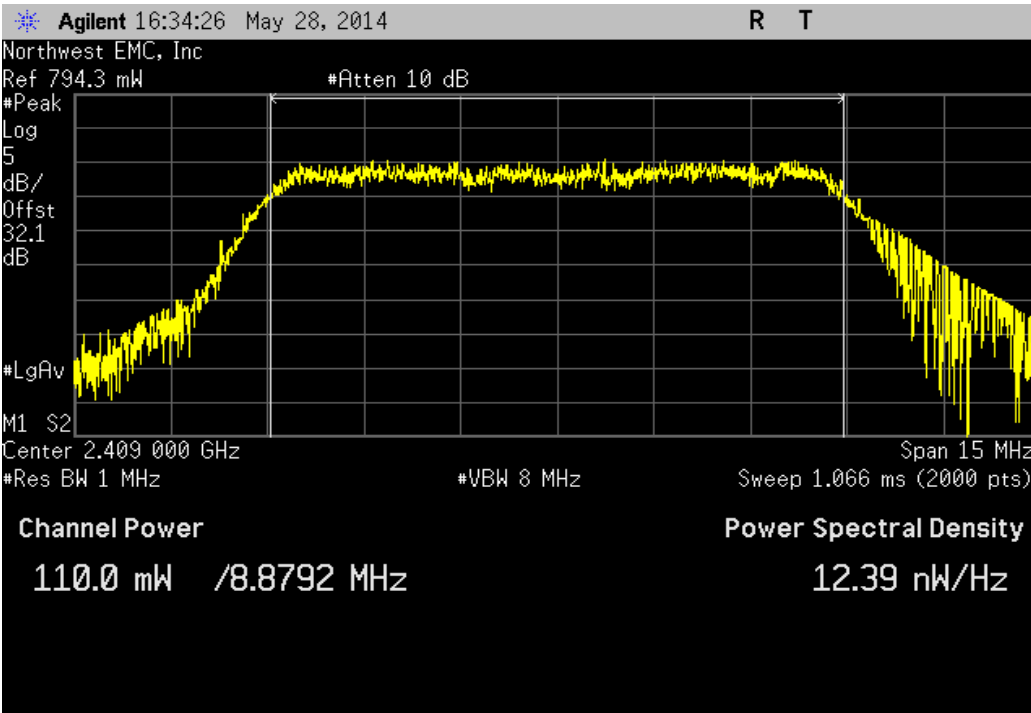
Chain B, 2400 MHz - 2483.5 MHz Band, 5MHz Bandwidth , 802.11(n) MCS23, High Channel 2466 MHz

Value	Limit	Result
114.683 mW	< 1 W	Pass



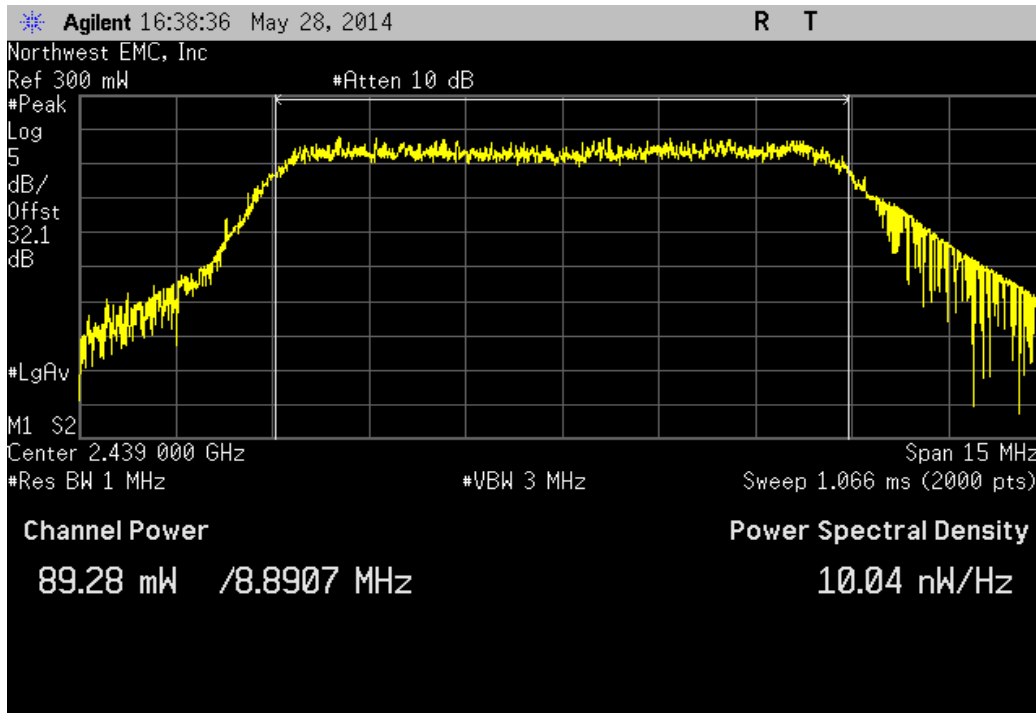
Chain B, 2400 MHz - 2483.5 MHz Band, 10MHz Bandwidth , 802.11(n) MCS16, Low Channel 2409 MHz

Value	Limit	Result
110.013 mW	< 1 W	Pass



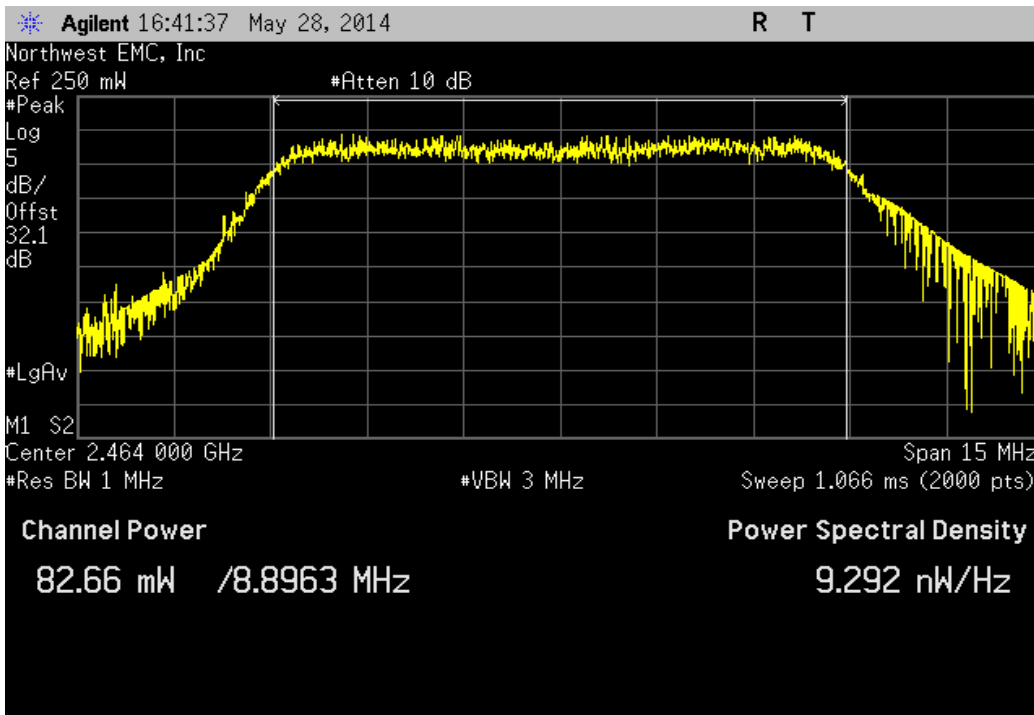
Chain B, 2400 MHz - 2483.5 MHz Band, 10MHz Bandwidth , 802.11(n) MCS16, Mid Channel 2439 MHz

Value	Limit	Result
89.28 mW	< 1 W	Pass



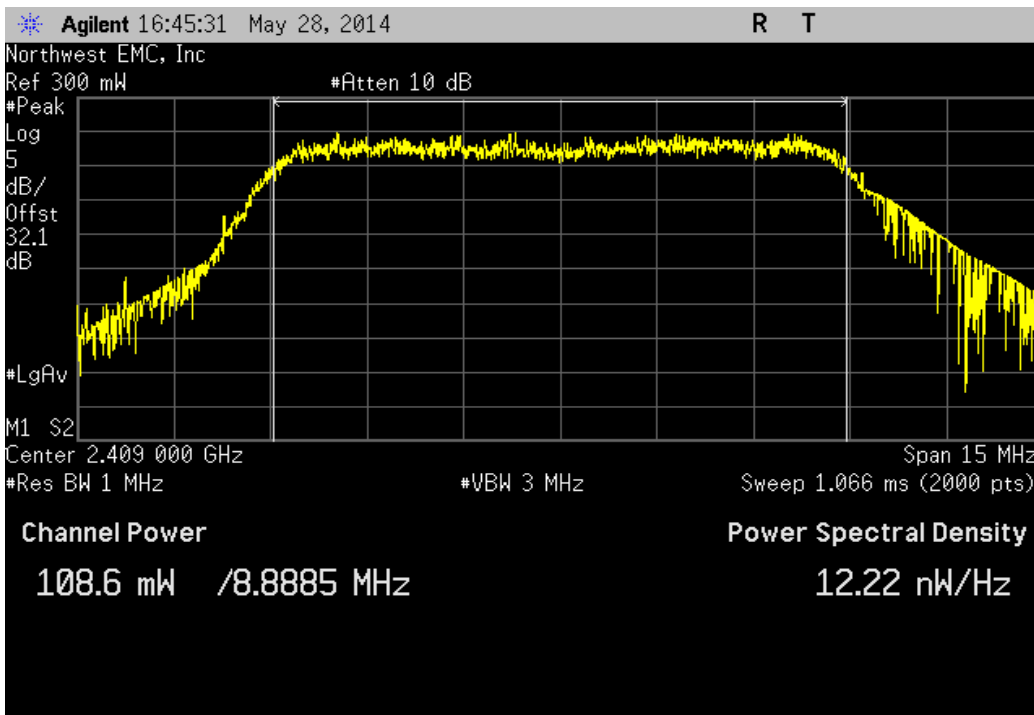
Chain B, 2400 MHz - 2483.5 MHz Band, 10MHz Bandwidth , 802.11(n) MCS16, High Channel 2464 MHz

Value	Limit	Result
82.663 mW	< 1 W	Pass



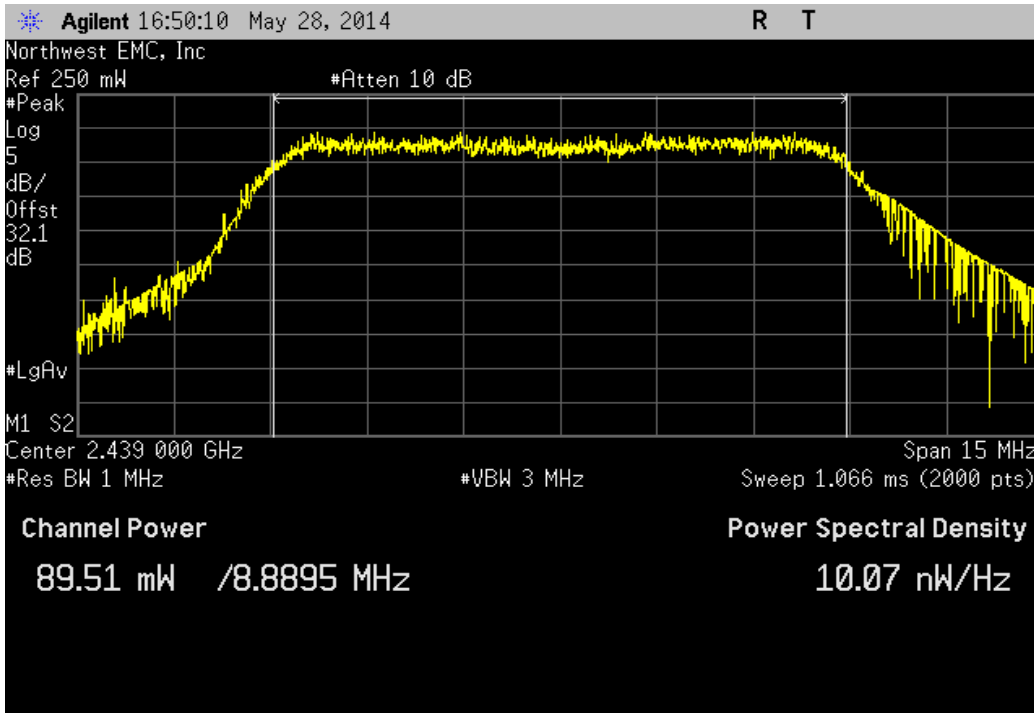
Chain B, 2400 MHz - 2483.5 MHz Band, 10MHz Bandwidth , 802.11(n) MCS23, Low Channel 2409 MHz

Value	Limit	Result
108.646 mW	< 1 W	Pass



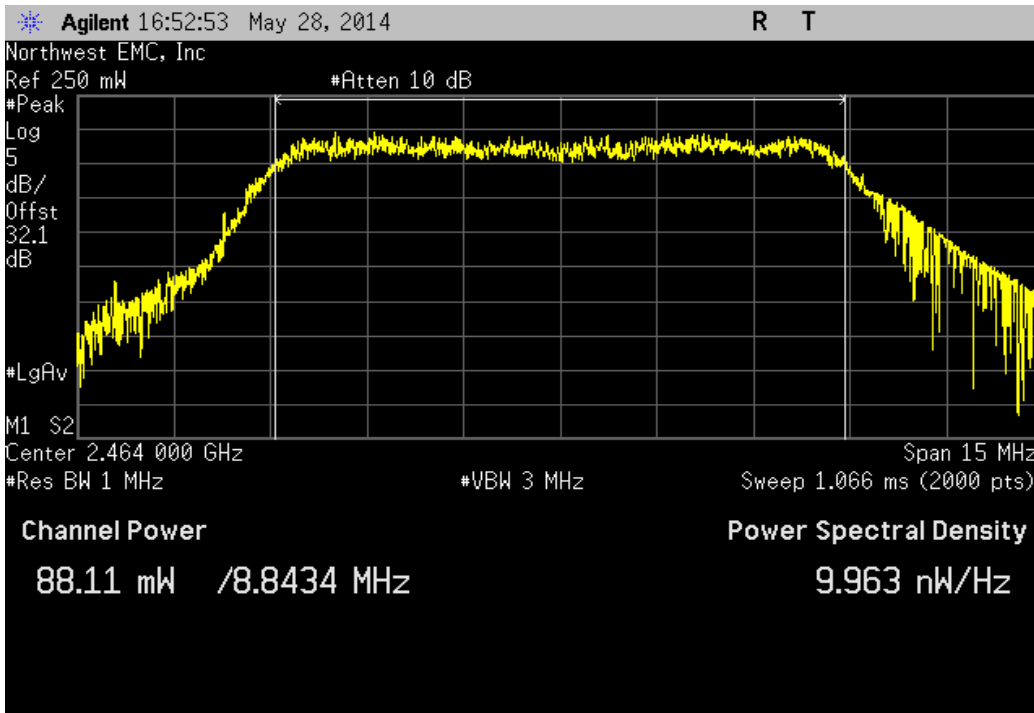
Chain B, 2400 MHz - 2483.5 MHz Band, 10MHz Bandwidth , 802.11(n) MCS23, Mid Channel 2439 MHz

Value	Limit	Result
89.513 mW	< 1 W	Pass



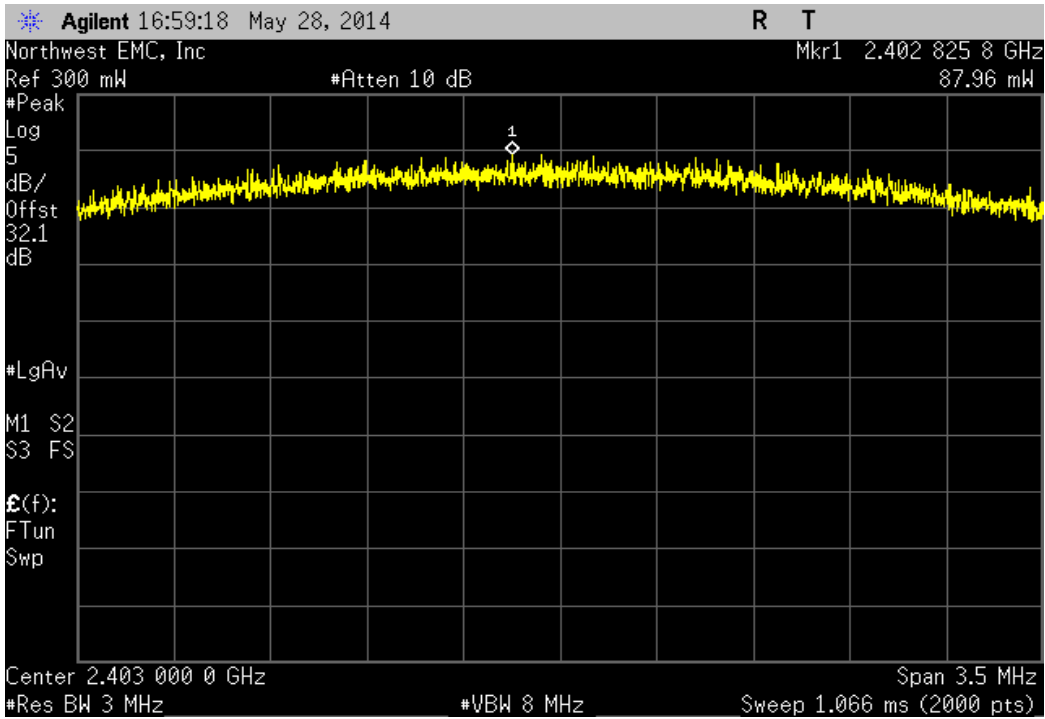
Chain B, 2400 MHz - 2483.5 MHz Band, 10MHz Bandwidth , 802.11(n) MCS23, High Channel 2464 MHz

Value	Limit	Result
88.111 mW	< 1 W	Pass



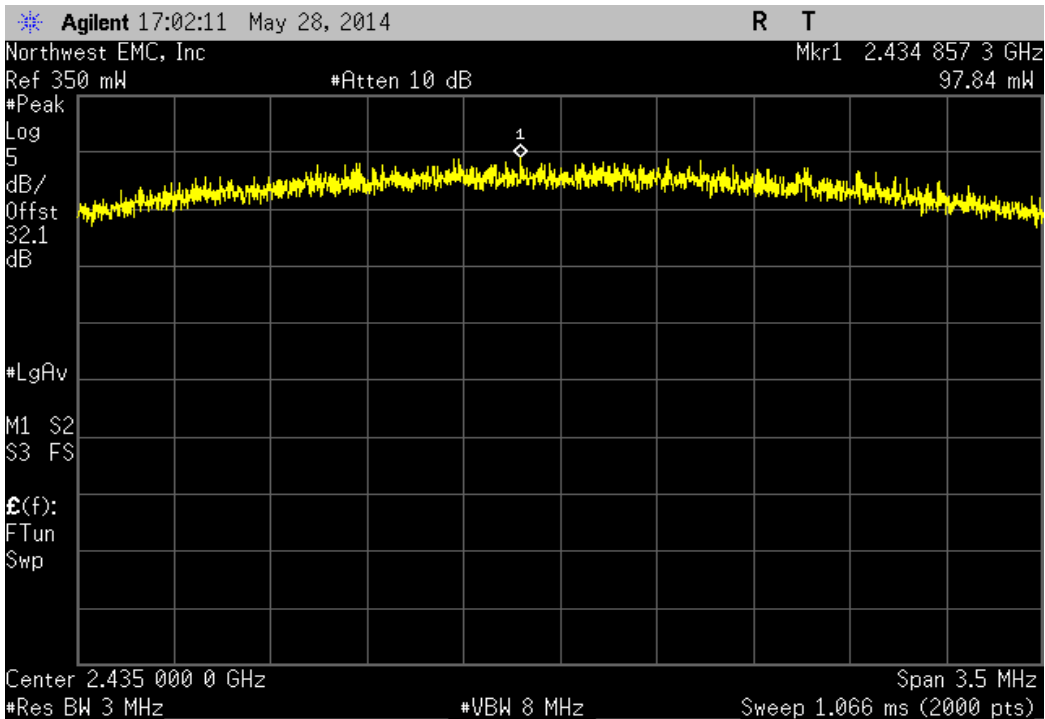
Chain C, 2400 MHz - 2483.5 MHz Band, 2.5MHz Bandwidth , 802.11(n) MCS16, Low Channel 2403 MHz

Value	Limit	Result
87.963 mW	< 1 W	Pass



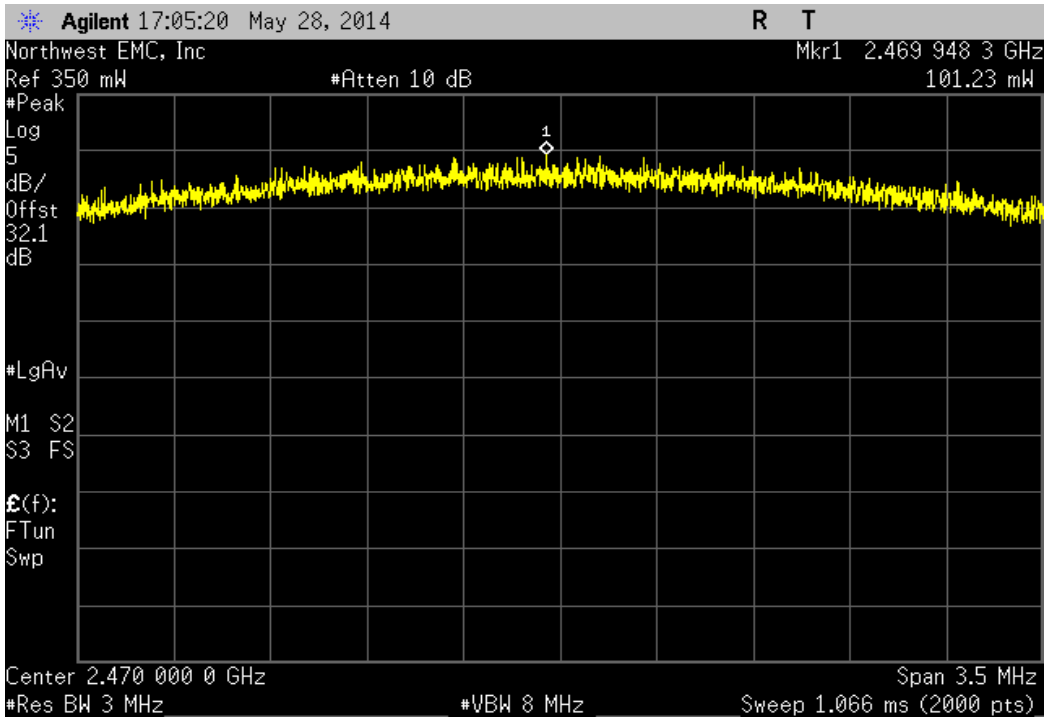
Chain C, 2400 MHz - 2483.5 MHz Band, 2.5MHz Bandwidth , 802.11(n) MCS16, Mid Channel 2435 MHz

Value	Limit	Result
97.836 mW	< 1 W	Pass



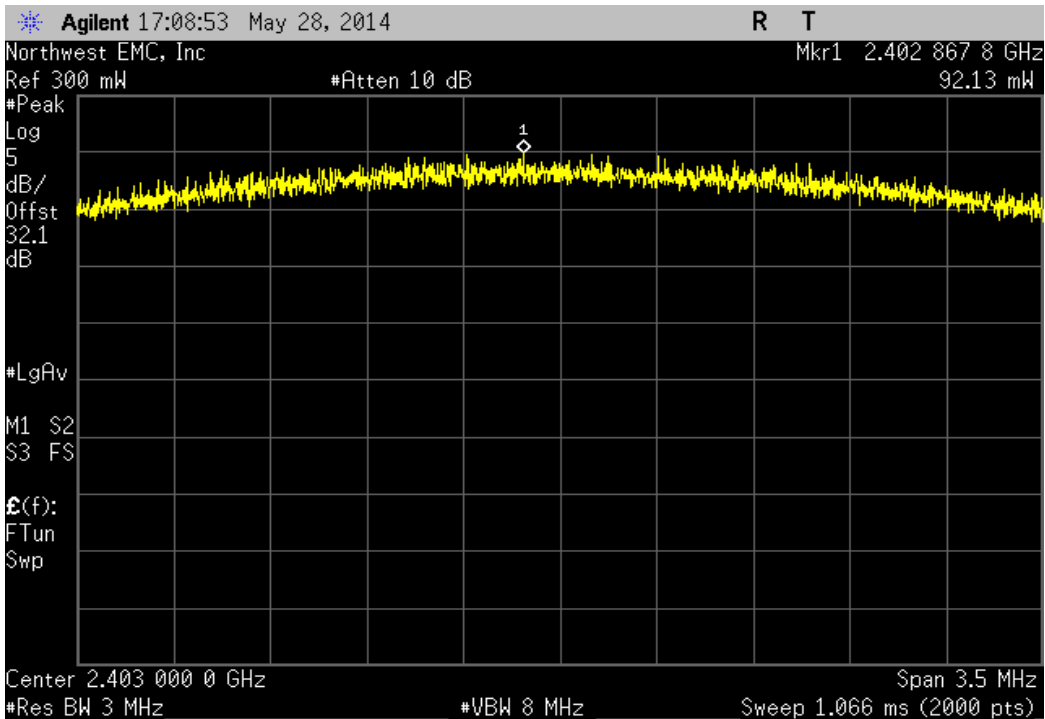
Chain C, 2400 MHz - 2483.5 MHz Band, 2.5MHz Bandwidth , 802.11(n) MCS16, High Channel 2470 MHz

Value	Limit	Result
101.228 mW	< 1 W	Pass



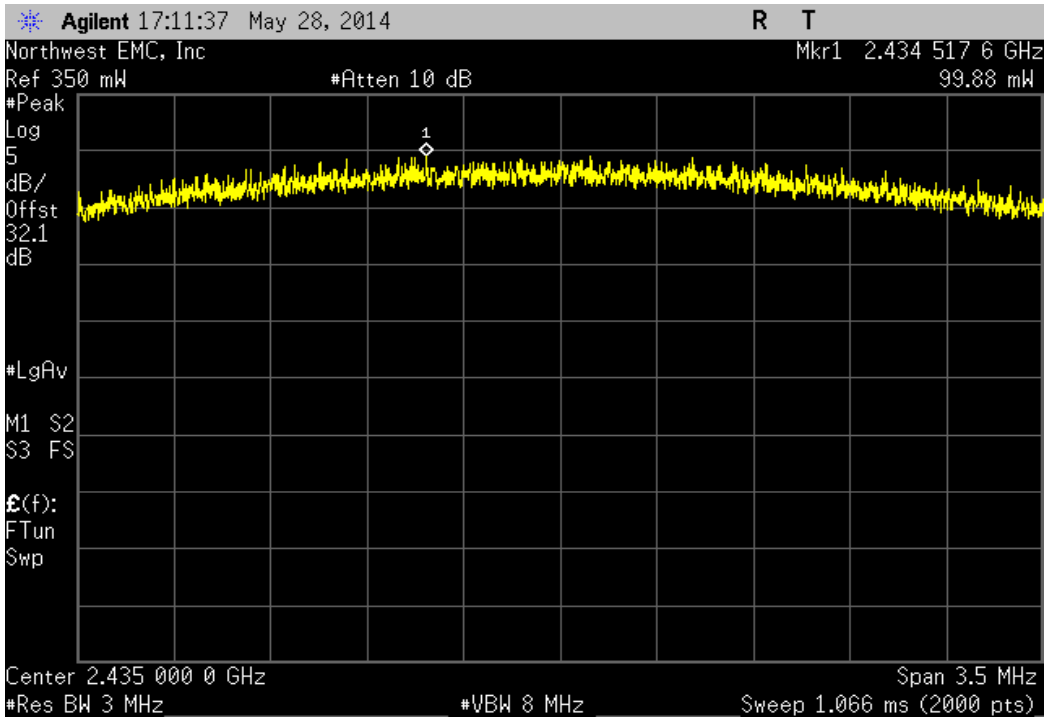
Chain C, 2400 MHz - 2483.5 MHz Band, 2.5MHz Bandwidth , 802.11(n) MCS23, Low Channel 2403 MHz

Value	Limit	Result
92.13 mW	< 1 W	Pass



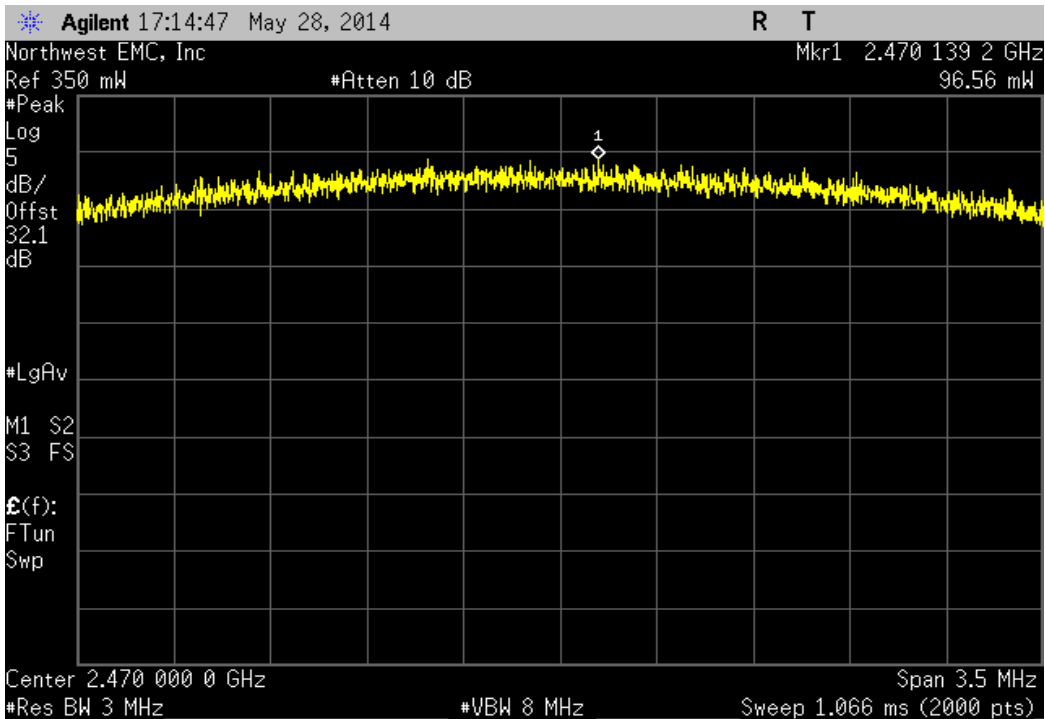
Chain C, 2400 MHz - 2483.5 MHz Band, 2.5MHz Bandwidth , 802.11(n) MCS23, Mid Channel 2435 MHz

Value	Limit	Result
99.885 mW	< 1 W	Pass



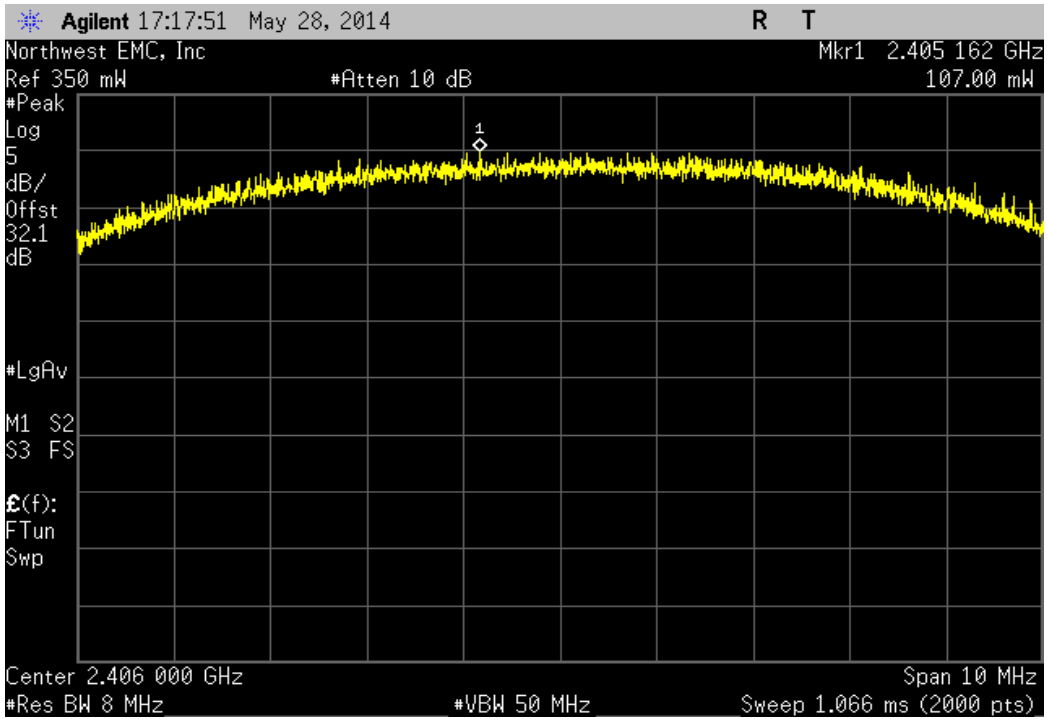
Chain C, 2400 MHz - 2483.5 MHz Band, 2.5MHz Bandwidth , 802.11(n) MCS23, High Channel 2470 MHz

Value	Limit	Result
96.561 mW	< 1 W	Pass



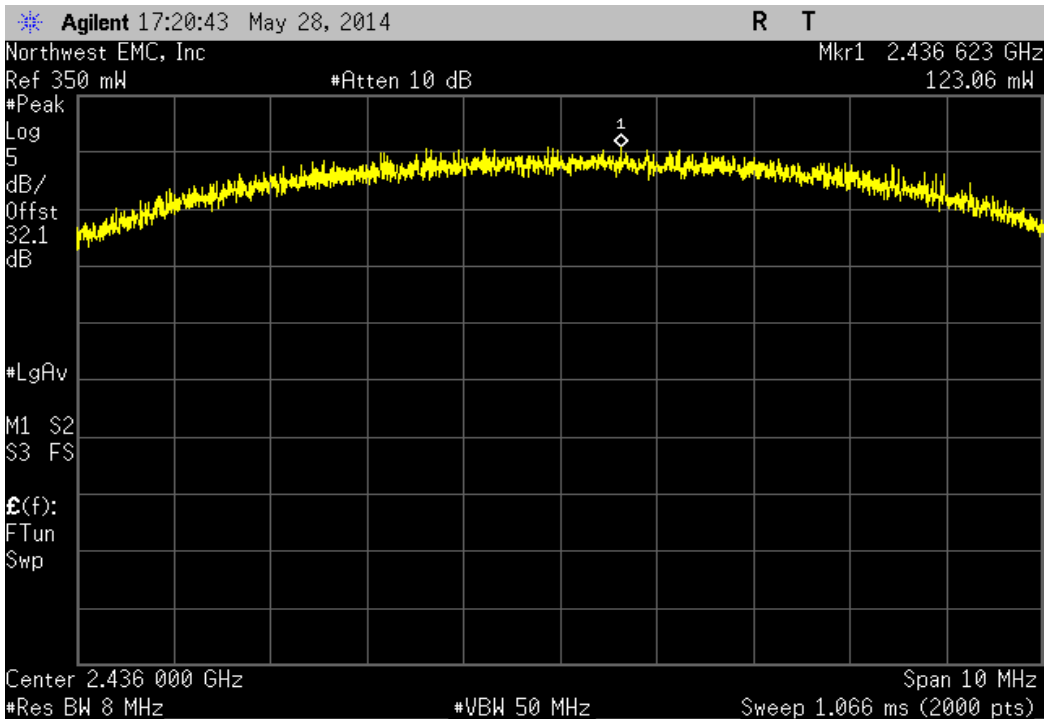
Chain C, 2400 MHz - 2483.5 MHz Band, 5MHz Bandwidth , 802.11(n) MCS16, Low Channel 2406 MHz

Value	Limit	Result
107.004 mW	< 1 W	Pass



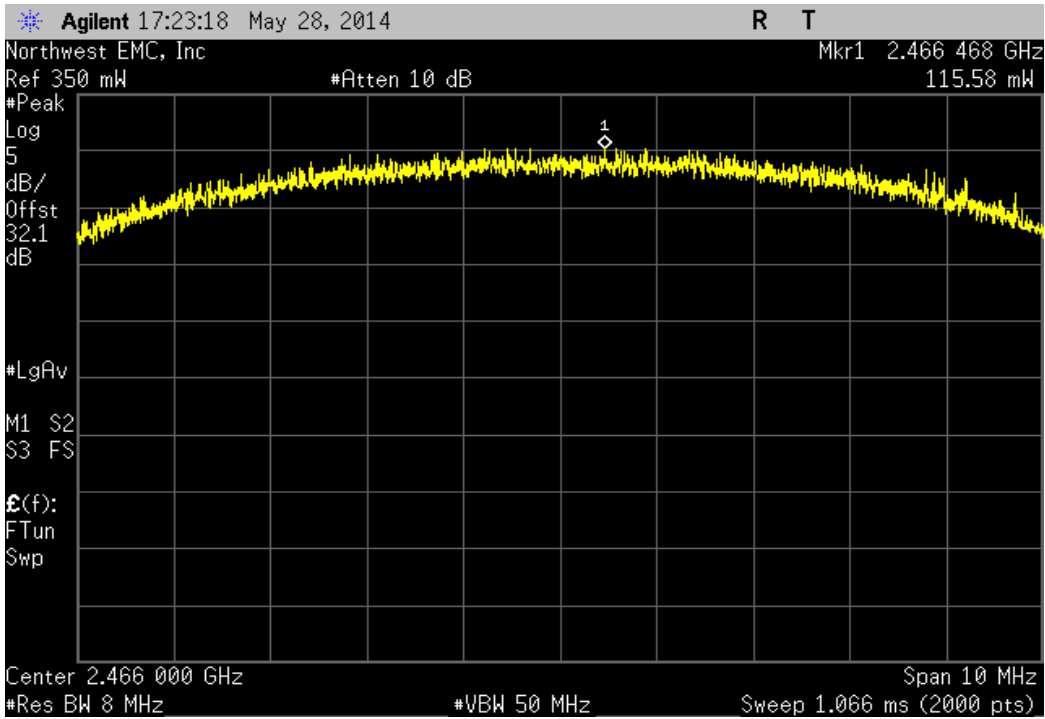
Chain C, 2400 MHz - 2483.5 MHz Band, 5MHz Bandwidth , 802.11(n) MCS16, Mid Channel 2436 MHz

Value	Limit	Result
123.055 mW	< 1 W	Pass



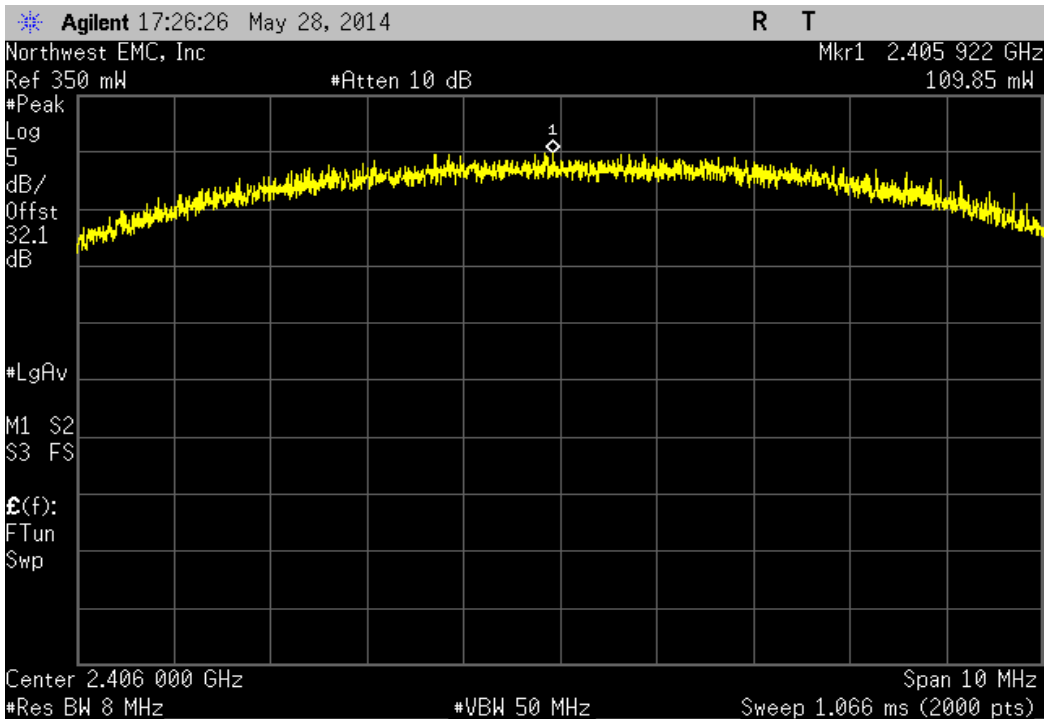
Chain C, 2400 MHz - 2483.5 MHz Band, 5MHz Bandwidth , 802.11(n) MCS16, High Channel 2466 MHz

Value	Limit	Result
115.585 mW	< 1 W	Pass



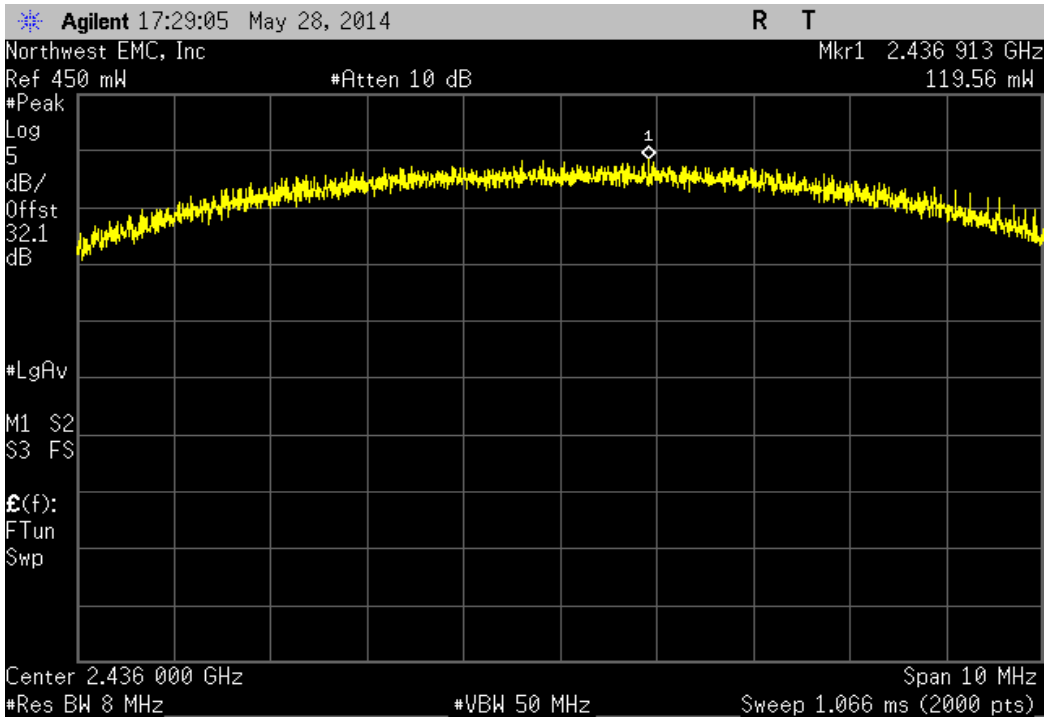
Chain C, 2400 MHz - 2483.5 MHz Band, 5MHz Bandwidth , 802.11(n) MCS23, Low Channel 2406 MHz

Value	Limit	Result
109.85 mW	< 1 W	Pass



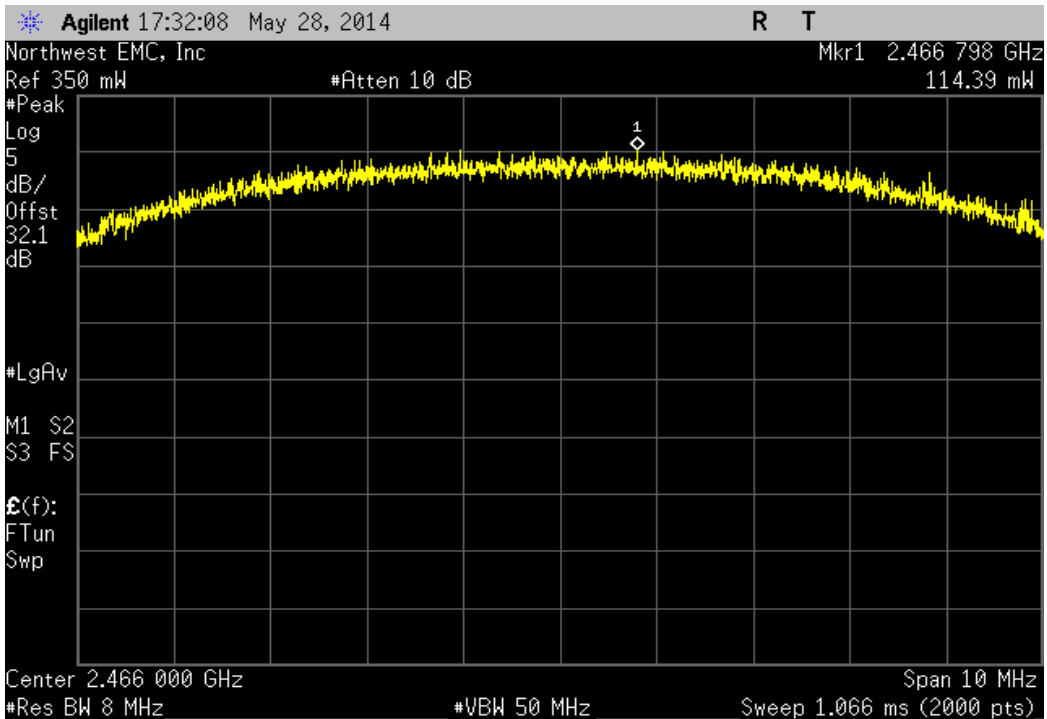
Chain C, 2400 MHz - 2483.5 MHz Band, 5MHz Bandwidth , 802.11(n) MCS23, Mid Channel 2436 MHz

Value	Limit	Result
119.564 mW	< 1 W	Pass



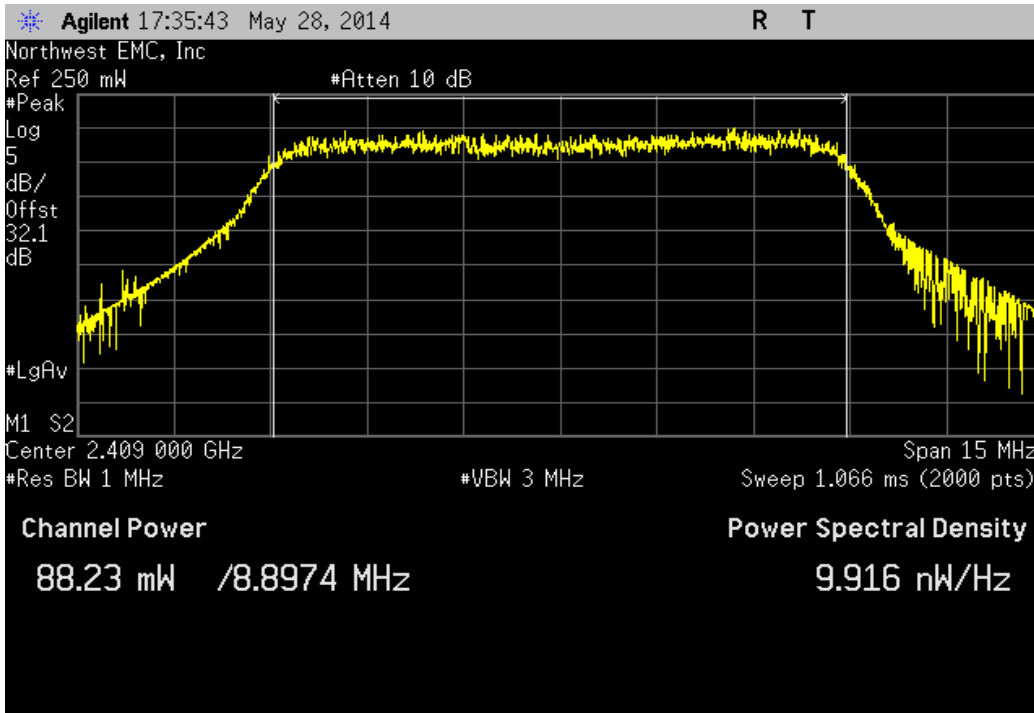
Chain C, 2400 MHz - 2483.5 MHz Band, 5MHz Bandwidth , 802.11(n) MCS23, High Channel 2466 MHz

Value	Limit	Result
114.393 mW	< 1 W	Pass



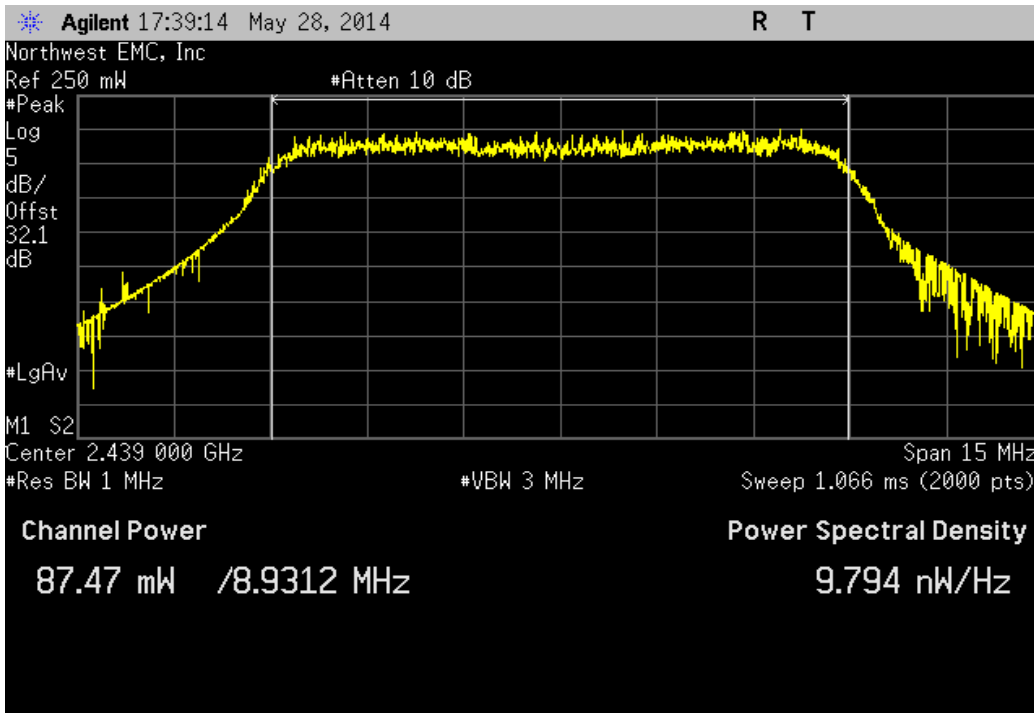
Chain C, 2400 MHz - 2483.5 MHz Band, 10MHz Bandwidth , 802.11(n) MCS16, Low Channel 2409 MHz

Value	Limit	Result
88.226 mW	< 1 W	Pass



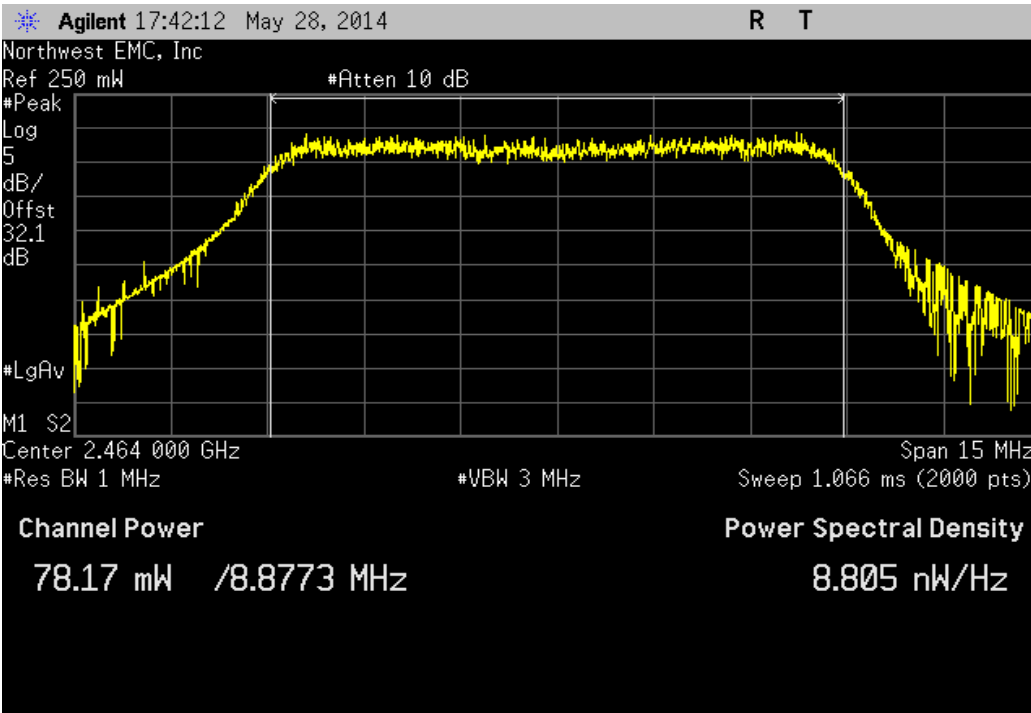
Chain C, 2400 MHz - 2483.5 MHz Band, 10MHz Bandwidth , 802.11(n) MCS16, Mid Channel 2439 MHz

Value	Limit	Result
87.474 mW	< 1 W	Pass



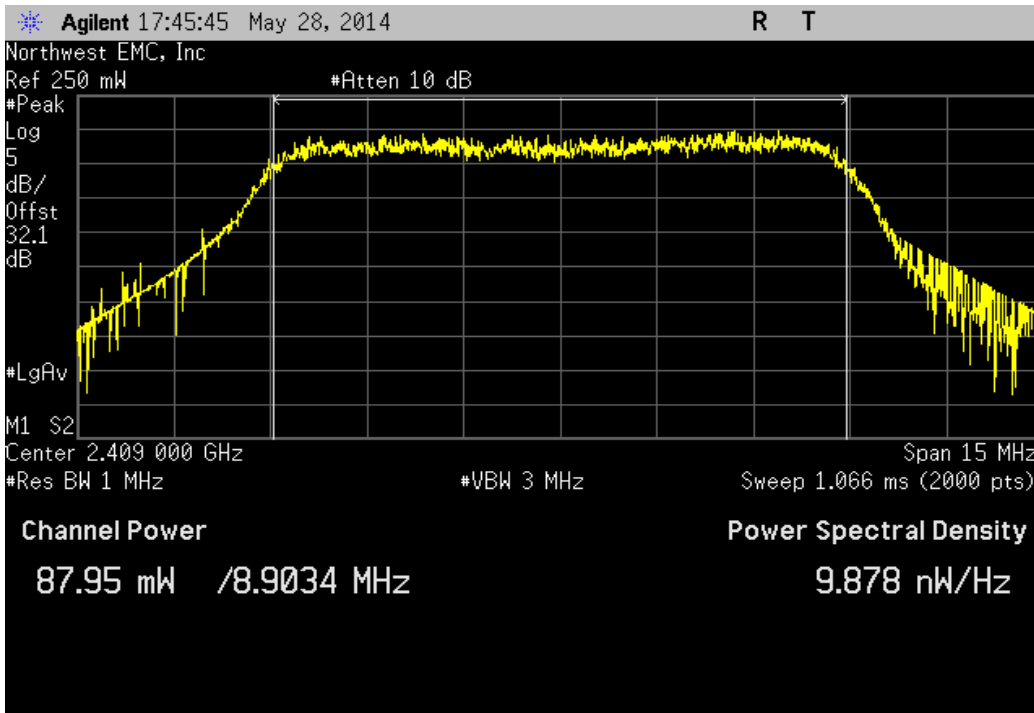
Chain C, 2400 MHz - 2483.5 MHz Band, 10MHz Bandwidth , 802.11(n) MCS16, High Channel 2464 MHz

Value	Limit	Result
78.166 mW	< 1 W	Pass



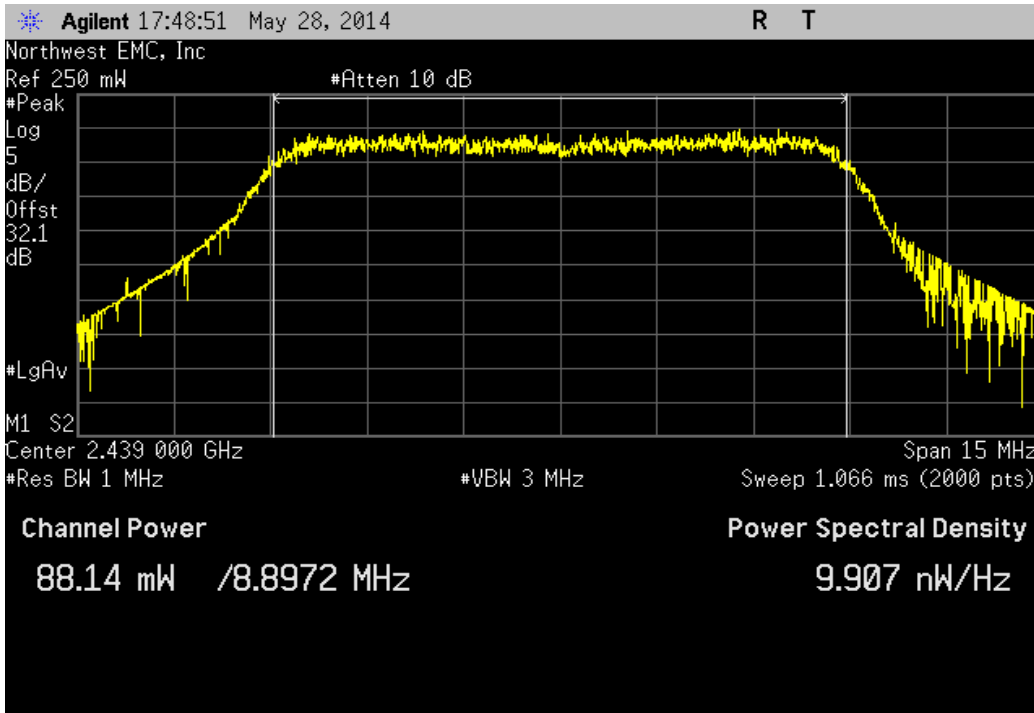
Chain C, 2400 MHz - 2483.5 MHz Band, 10MHz Bandwidth , 802.11(n) MCS23, Low Channel 2409 MHz

Value	Limit	Result
87.947 mW	< 1 W	Pass



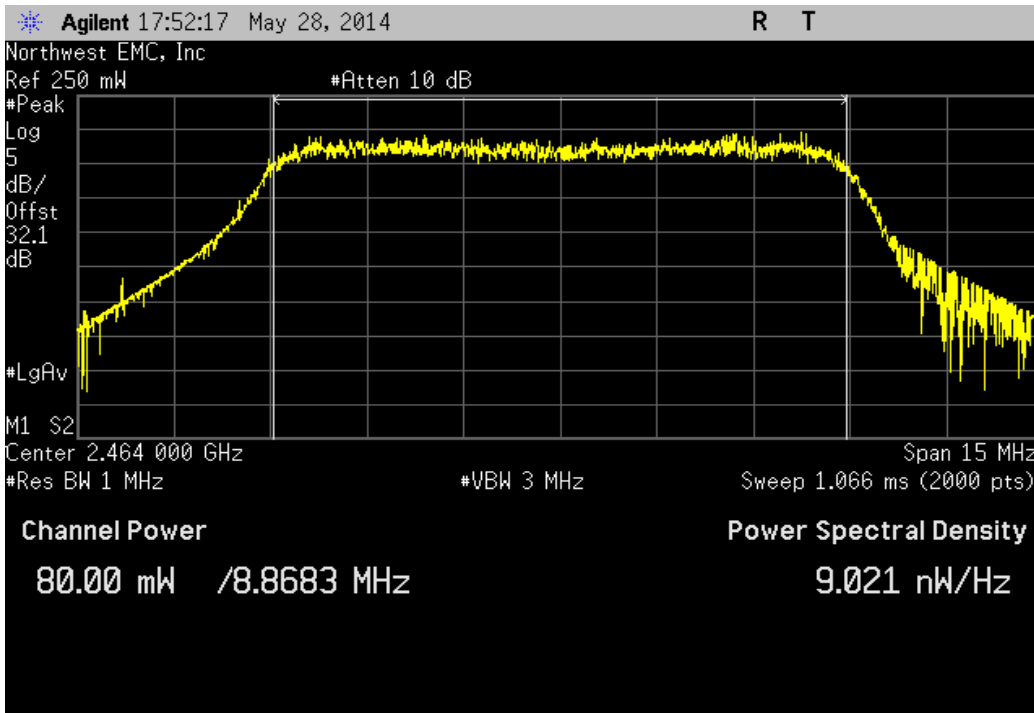
Chain C, 2400 MHz - 2483.5 MHz Band, 10MHz Bandwidth , 802.11(n) MCS23, Mid Channel 2439 MHz

Value	Limit	Result
88.144 mW	< 1 W	Pass



Chain C, 2400 MHz - 2483.5 MHz Band, 10MHz Bandwidth , 802.11(n) MCS23, High Channel 2464 MHz

Value	Limit	Result
80.001 mW	< 1 W	Pass



POWER SPECTRAL DENSITY - SISO

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
40GHz DC Block	Miteq	DCB4000	AMD	4/28/2014	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 6 dB, SMA M/F 26GHz	S.M. Electronics	SA26B-6	AUX	7/30/2013	12
Power Meter	Agilent	N1913A	SQR	4/29/2013	36
Power Sensor	Agilent	E9300H	SQO	4/29/2013	36
Spectrum Analyzer	Agilent	E4446A	AAQ	1/21/2014	24
MXG MW Analog Signal Generator 40 Gig	Agilent	N5183A	TID	9/19/2011	36

TEST DESCRIPTION

The maximum power spectral density measurements were measured with the EUT set to the required transmit frequencies in each band. The measurement was made using a direct connection between the RF output of the EUT and the spectrum analyzer. The EUT was transmitting at the lowest, middle, and maximum data rate for each modulation type available.

Per the procedure outlined in FCC KDB 558074 D01 DTS Measurement Section 5.3.1, the spectrum analyzer was used as follows:

- RBW = 100 kHz
- VBW = 300 kHz
- Detector = Peak (to match method used for power measurement)
- Trace = Max hold

The observed power level is then scaled to an equivalent value in 3 kHz by adding a Bandwidth Correction Factor (BWCF) where:

$$BWCF = 10 \cdot \text{LOG} (3 \text{ kHz} / 100 \text{ kHz}) = -15.2 \text{ dB}$$



POWER SPECTRAL DENSITY - SISO

XMit 2014.02.07
PsaTx 2014.04.01

EUT: WavePoint 10e Industrial Wireless Router (W2400-01)	Work Order: FREW0026
Serial Number: 135268908	Date: 05/29/14
Customer: FreeWave Technologies, Inc.	Temperature: 22°C
Attendees: Dean Busch	Humidity: 36%
Project: None	Barometric Pres.: 1022
Tested by: Brandon Hobbs, Jared Ison	Power: 12 VDC
	Test Method
	Job Site: EV06

FCC 15.247:2014	ANSI C63.10:2009
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COMMENTS
An additional 10dB 5watt attenuator was used inline for all measurements made while under test. Please reference the power levels for this test in the power level table.

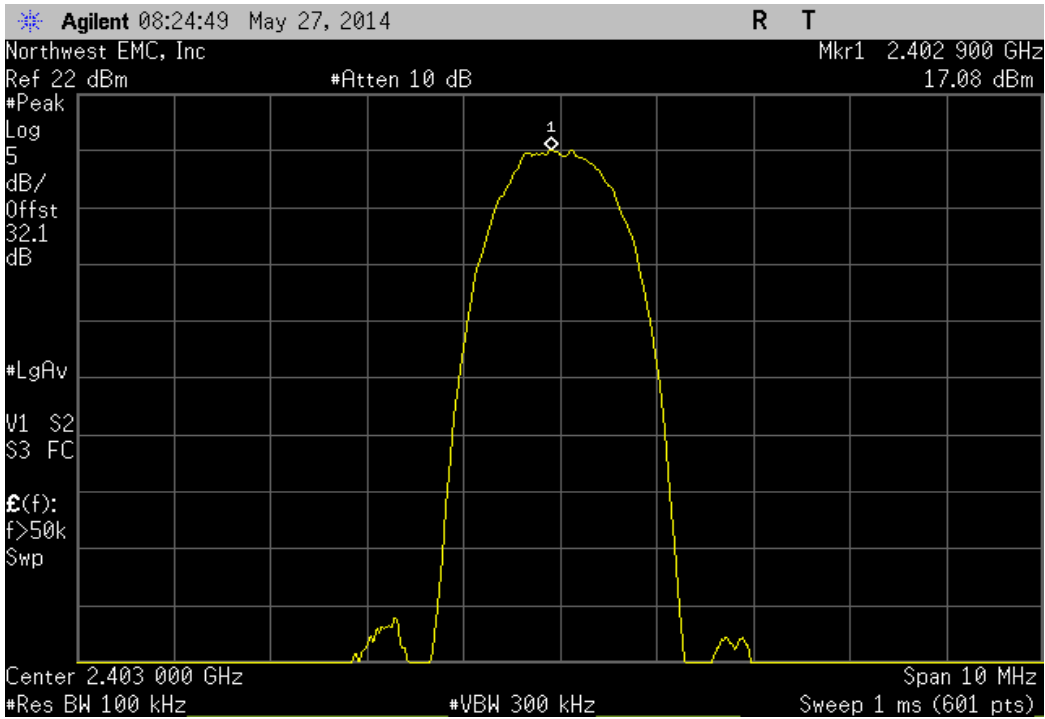
DEVIATIONS FROM TEST STANDARD
None

Configuration #	1	Signature 
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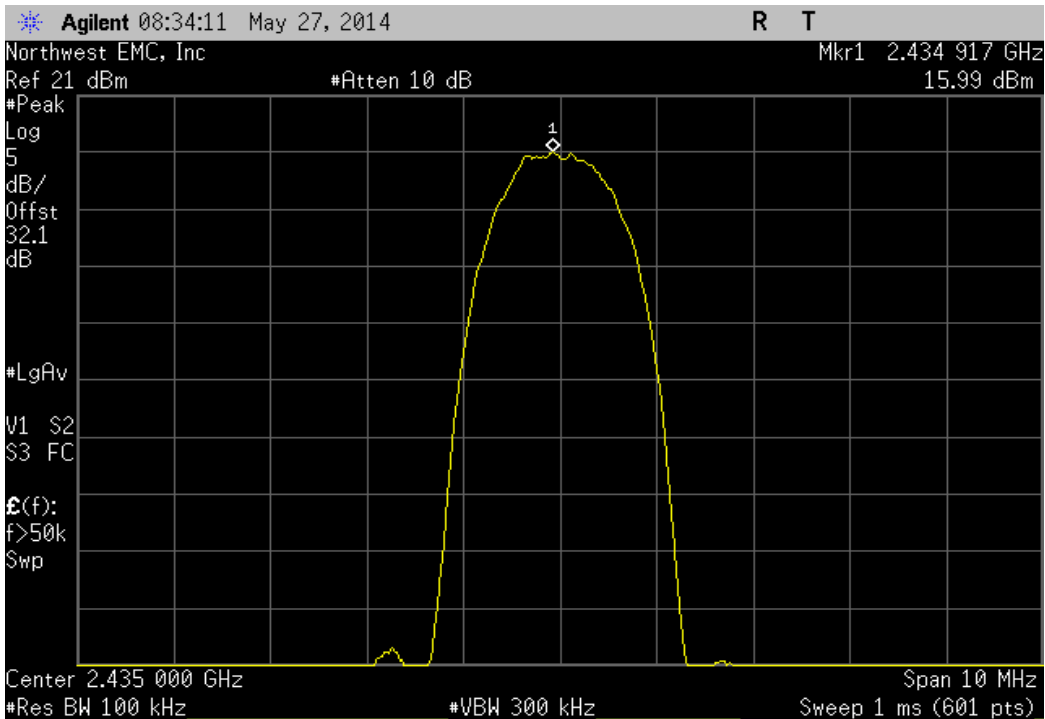
	Value	dBm/100kHz	Value	Limit	Result
	dBm/100kHz	To dBm/3kHz	dBm/3kHz	dBm/3kHz	
2400 MHz - 2483.5 MHz Band					
2.5MHz Bandwidth					
Modulation Type, DBPSK.					
Low Channel 2403 MHz	17.079	-15.2	1.879	8	Pass
Mid Channel 2435 MHz	15.991	-15.2	0.791	8	Pass
High Channel 2470 MHz	14.825	-15.2	-0.375	8	Pass
Modulation Type, QPSK.					
Low Channel 2403 MHz	20.561	-15.2	5.361	8	Pass
Mid Channel 2435 MHz	19.486	-15.2	4.286	8	Pass
High Channel 2470 MHz	18.604	-15.2	3.404	8	Pass
Modulation Type, BPSK, Coding Rate, 1/2					
Low Channel 2403 MHz	14.063	-15.2	-1.137	8	Pass
Mid Channel 2435 MHz	13.879	-15.2	-1.321	8	Pass
High Channel 2470 MHz	12.388	-15.2	-2.812	8	Pass
Modulation Type, 16-QAM, Coding Rate, 3/4.					
Low Channel 2403 MHz	12.426	-15.2	-2.774	8	Pass
Mid Channel 2435 MHz	11.362	-15.2	-3.838	8	Pass
High Channel 2470 MHz	10.44	-15.2	-4.76	8	Pass
Modulation Type, 64-QAM, Coding Rate, 3/4.					
Low Channel 2403 MHz	12.558	-15.2	-2.642	8	Pass
Mid Channel 2435 MHz	11.312	-15.2	-3.888	8	Pass
High Channel 2470 MHz	10.445	-15.2	-4.755	8	Pass
Modulation Type, BPSK, Coding Rate, 1/2.					
Low Channel 2403 MHz	12.673	-15.2	-2.527	8	Pass
Mid Channel 2435 MHz	10.586	-15.2	-4.614	8	Pass
High Channel 2470 MHz	9.861	-15.2	-5.339	8	Pass
Modulation Type, 64-QAM, Coding Rate, 5/6.					
Low Channel 2403 MHz	11.043	-15.2	-4.157	8	Pass
Mid Channel 2435 MHz	10.325	-15.2	-4.875	8	Pass
High Channel 2470 MHz	9.893	-15.2	-5.307	8	Pass
5MHz Bandwidth					
Modulation Type, DBPSK.					
Low Channel 2406 MHz	15.071	-15.2	-0.129	8	Pass
Mid Channel 2436 MHz	14.064	-15.2	-1.136	8	Pass
High Channel 2466 MHz	13.509	-15.2	-1.691	8	Pass
Modulation Type, QPSK.					
Low Channel 2406 MHz	18.246	-15.2	3.046	8	Pass
Mid Channel 2436 MHz	17.431	-15.2	2.231	8	Pass
High Channel 2466 MHz	16.533	-15.2	1.333	8	Pass
Modulation Type, BPSK, Coding Rate, 1/2					
Low Channel 2406 MHz	9.144	-15.2	-6.056	8	Pass
Mid Channel 2436 MHz	8.38	-15.2	-6.82	8	Pass
High Channel 2466 MHz	7.276	-15.2	-7.924	8	Pass
Modulation Type, 16-QAM, Coding Rate, 3/4.					
Low Channel 2406 MHz	9.699	-15.2	-5.501	8	Pass
Mid Channel 2436 MHz	8.837	-15.2	-6.363	8	Pass
High Channel 2466 MHz	8.344	-15.2	-6.856	8	Pass
Modulation Type, 64-QAM, Coding Rate, 3/4.					
Low Channel 2406 MHz	9.648	-15.2	-5.552	8	Pass
Mid Channel 2436 MHz	8.922	-15.2	-6.278	8	Pass
High Channel 2466 MHz	7.389	-15.2	-7.811	8	Pass
Modulation Type, BPSK, Coding Rate, 1/2.					
Low Channel 2406 MHz	9.283	-15.2	-5.917	8	Pass
Mid Channel 2436 MHz	8.47	-15.2	-6.73	8	Pass
High Channel 2466 MHz	7.203	-15.2	-7.997	8	Pass
Modulation Type, 64-QAM, Coding Rate, 5/6.					
Low Channel 2406 MHz	9.627	-15.2	-5.573	8	Pass
Mid Channel 2436 MHz	7.94	-15.2	-7.26	8	Pass
High Channel 2466 MHz	6.838	-15.2	-8.362	8	Pass
10MHz Bandwidth					
Modulation Type, DBPSK.					
Low Channel 2409 MHz	13.769	-15.2	-1.431	8	Pass
Mid Channel 2439 MHz	12.632	-15.2	-2.568	8	Pass
High Channel 2464 MHz	12.269	-15.2	-2.931	8	Pass
Modulation Type, QPSK.					
Low Channel 2409 MHz	15.326	-15.2	0.126	8	Pass
Mid Channel 2439 MHz	14.115	-15.2	-1.085	8	Pass
High Channel 2464 MHz	13.824	-15.2	-1.376	8	Pass

Modulation Type, BPSK, Coding Rate, 1/2						
Low Channel 2409 MHz	12.904	-15.2	-2.296	8	Pass	
Mid Channel 2439 MHz	12.048	-15.2	-3.152	8	Pass	
High Channel 2464 MHz	11.083	-15.2	-4.117	8	Pass	
Modulation Type, 16-QAM, Coding Rate, 3/4.						
Low Channel 2409 MHz	13.292	-15.2	-1.908	8	Pass	
Mid Channel 2439 MHz	12.358	-15.2	-2.842	8	Pass	
High Channel 2464 MHz	12.24	-15.2	-2.96	8	Pass	
Modulation Type, 64-QAM, Coding Rate, 3/4.						
Low Channel 2409 MHz	13.635	-15.2	-1.565	8	Pass	
Mid Channel 2439 MHz	12.077	-15.2	-3.123	8	Pass	
High Channel 2464 MHz	11.823	-15.2	-3.377	8	Pass	
Modulation Type, BPSK, Coding Rate, 1/2.						
Low Channel 2409 MHz	13.57	-15.2	-1.63	8	Pass	
Mid Channel 2439 MHz	12.051	-15.2	-3.149	8	Pass	
High Channel 2464 MHz	11.61	-15.2	-3.59	8	Pass	
Modulation Type, 64-QAM, Coding Rate, 5/6.						
Low Channel 2409 MHz	13.563	-15.2	-1.637	8	Pass	
Mid Channel 2439 MHz	12.19	-15.2	-3.01	8	Pass	
High Channel 2464 MHz	12.092	-15.2	-3.108	8	Pass	

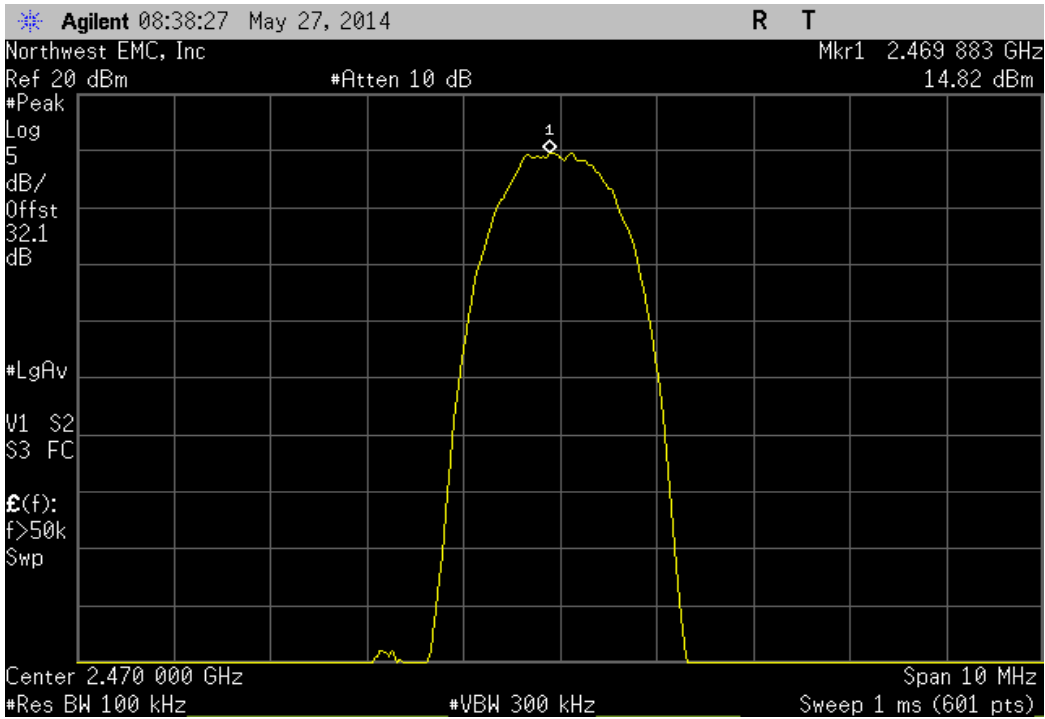
2400 MHz - 2483.5 MHz Band, 2.5MHz Bandwidth, Modulation Type, DBPSK., Low Channel 2403 MHz					
	Value	dBm/100kHz	To dBm/3kHz	Value	Limit
	dBm/100kHz			dBm/3kHz	dBm/3kHz
	17.079		-15.2	1.879	8
					Result
					Pass



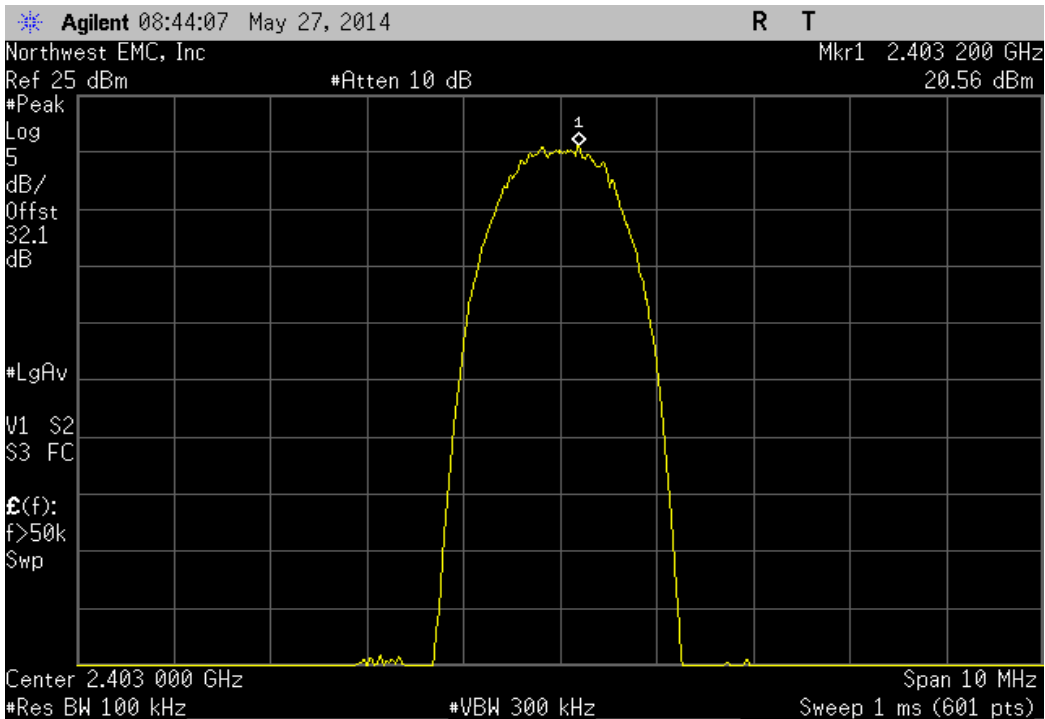
2400 MHz - 2483.5 MHz Band, 2.5MHz Bandwidth, Modulation Type, DBPSK., Mid Channel 2435 MHz					
	Value	dBm/100kHz	To dBm/3kHz	Value	Limit
	dBm/100kHz			dBm/3kHz	dBm/3kHz
	15.991		-15.2	0.791	8
					Result
					Pass



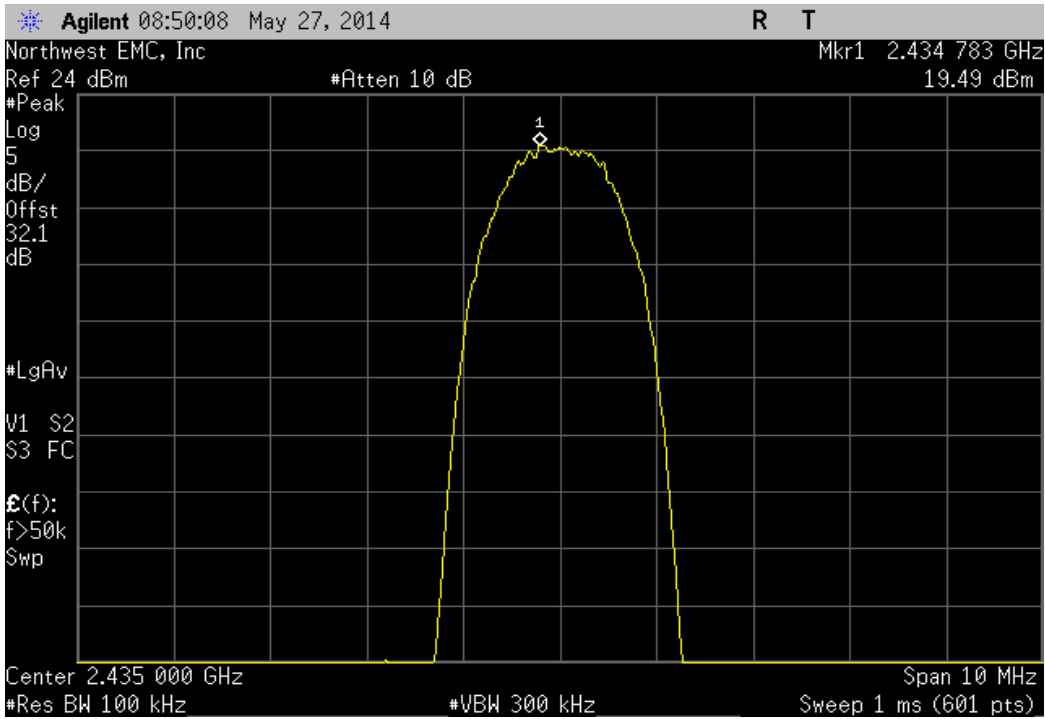
2400 MHz - 2483.5 MHz Band, 2.5MHz Bandwidth , Modulation Type, DBPSK., High Channel 2470 MHz					
	Value	dBm/100kHz	Value	Limit	
	dBm/100kHz	To dBm/3kHz	dBm/3kHz	dBm/3kHz	Result
	14.825	-15.2	-0.375	8	Pass



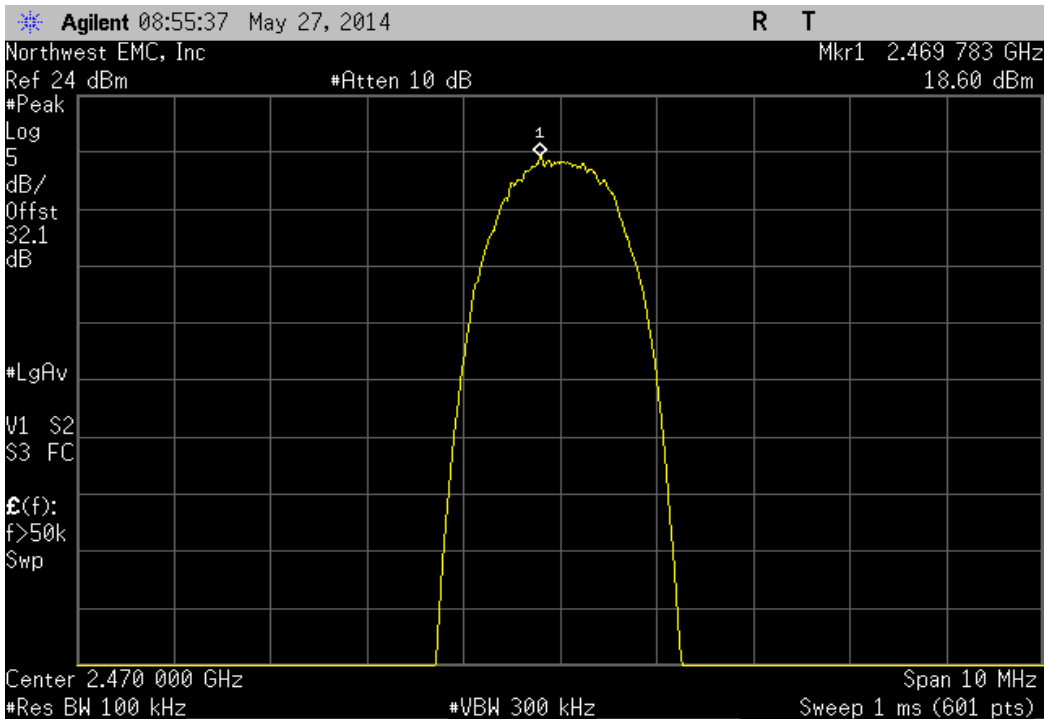
2400 MHz - 2483.5 MHz Band, 2.5MHz Bandwidth , Modulation Type, QPSK., Low Channel 2403 MHz					
	Value	dBm/100kHz	Value	Limit	
	dBm/100kHz	To dBm/3kHz	dBm/3kHz	dBm/3kHz	Result
	20.561	-15.2	5.361	8	Pass



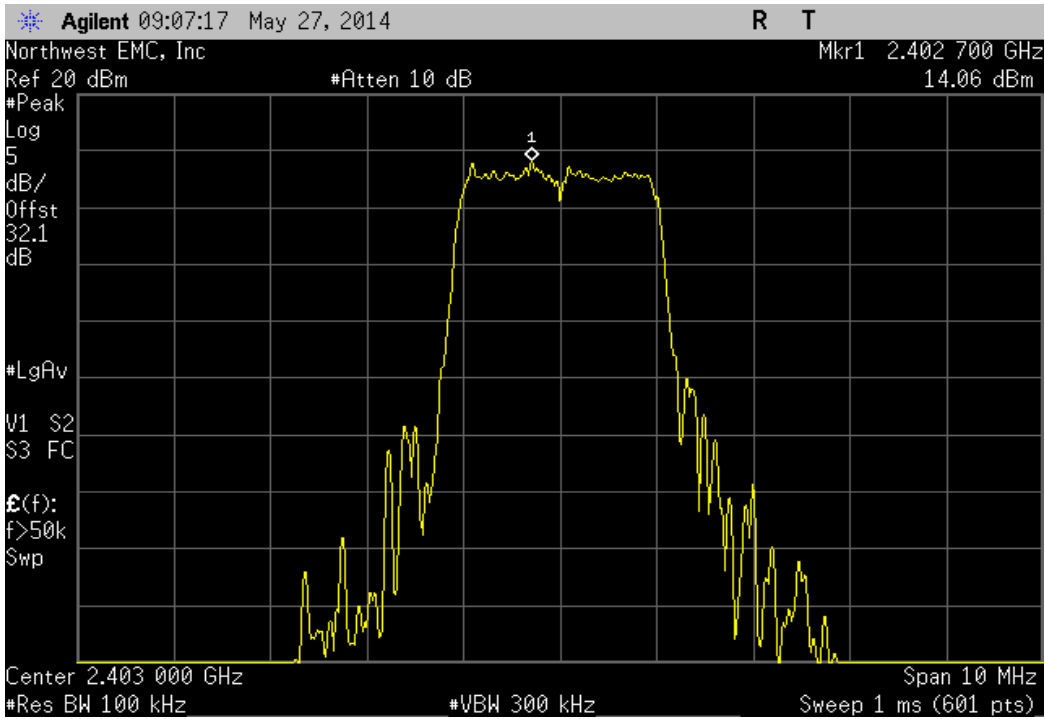
2400 MHz - 2483.5 MHz Band, 2.5MHz Bandwidth , Modulation Type, QPSK., Mid Channel 2435 MHz						
	Value	dBm/100kHz	Value	Limit		
	dBm/100kHz	To dBm/3kHz	dBm/3kHz	dBm/3kHz	Result	
	19.486	-15.2	4.286	8	Pass	



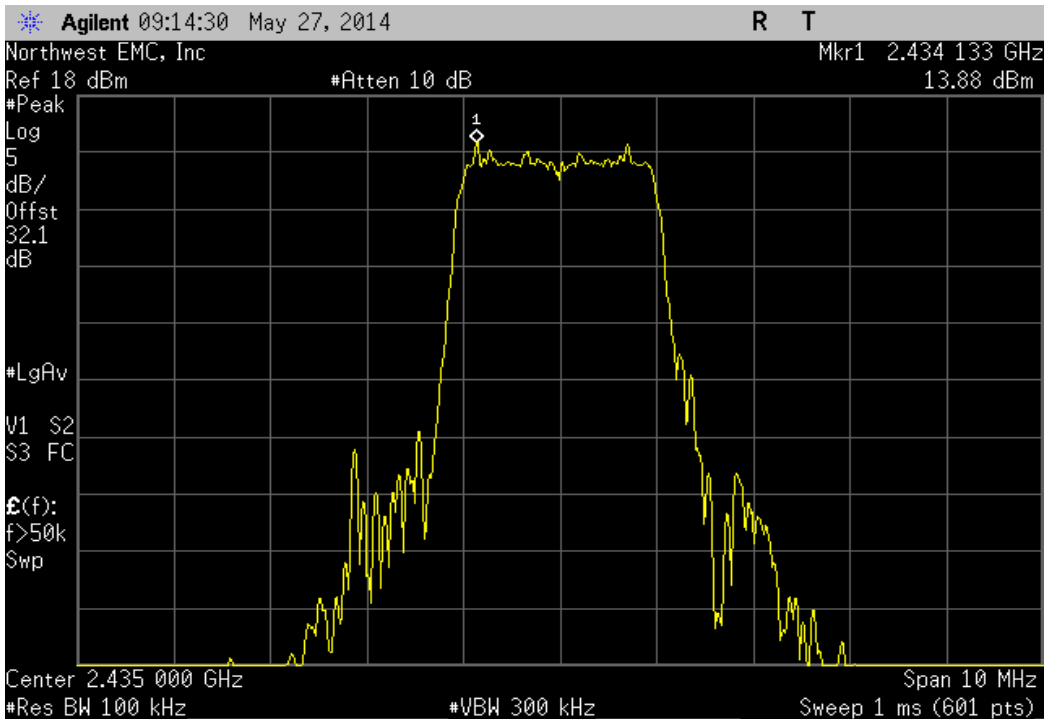
2400 MHz - 2483.5 MHz Band, 2.5MHz Bandwidth , Modulation Type, QPSK., High Channel 2470 MHz						
	Value	dBm/100kHz	Value	Limit		
	dBm/100kHz	To dBm/3kHz	dBm/3kHz	dBm/3kHz	Result	
	18.604	-15.2	3.404	8	Pass	



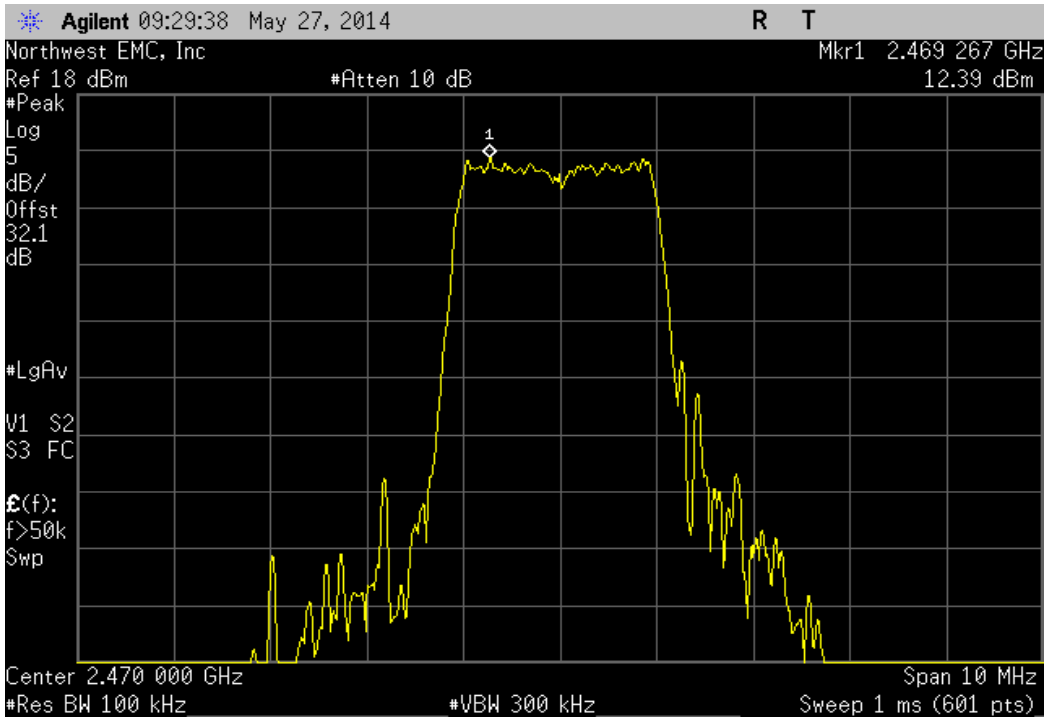
2400 MHz - 2483.5 MHz Band, 2.5MHz Bandwidth , Modulation Type, BPSK, Coding Rate, 1/2, Low Channel 2403 MHz						
	Value	dBm/100kHz	Value	Limit		
	dBm/100kHz	To dBm/3kHz	dBm/3kHz	dBm/3kHz	Result	
	14.063	-15.2	-1.137	8	Pass	



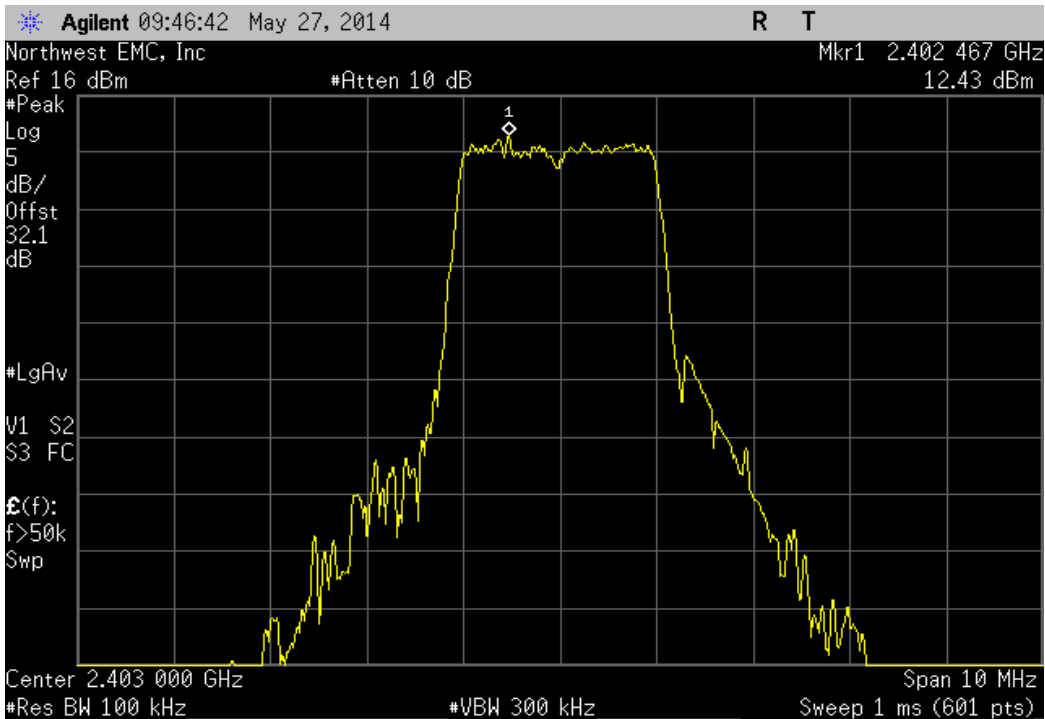
2400 MHz - 2483.5 MHz Band, 2.5MHz Bandwidth , Modulation Type, BPSK, Coding Rate, 1/2, Mid Channel 2435 MHz						
	Value	dBm/100kHz	Value	Limit		
	dBm/100kHz	To dBm/3kHz	dBm/3kHz	dBm/3kHz	Result	
	13.879	-15.2	-1.321	8	Pass	



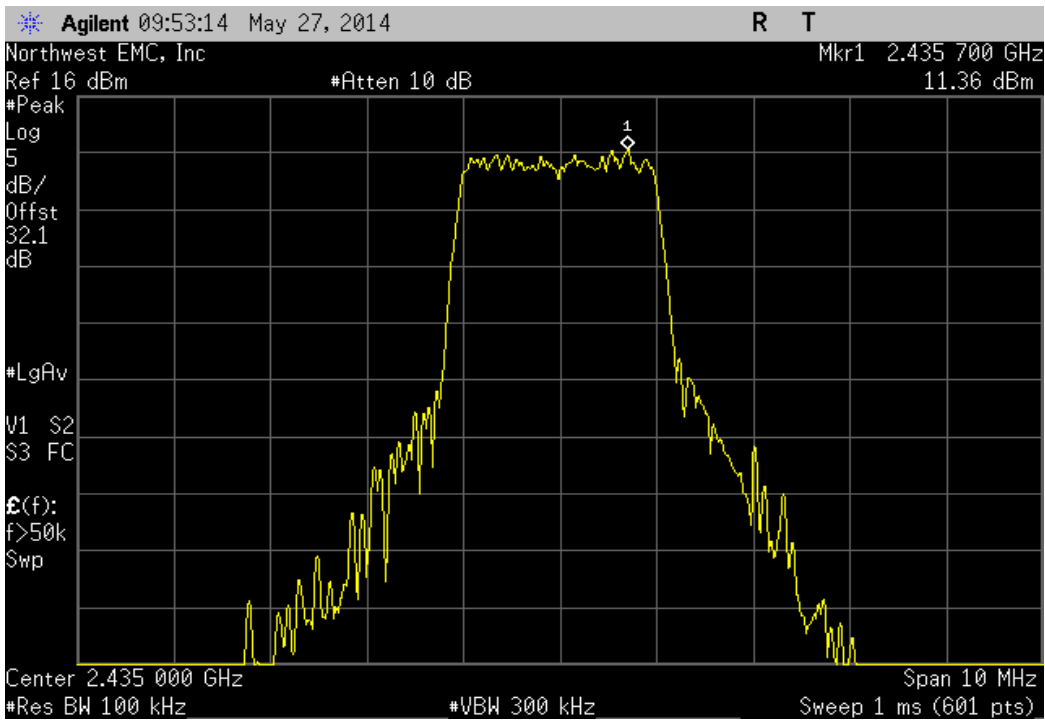
2400 MHz - 2483.5 MHz Band, 2.5MHz Bandwidth , Modulation Type, BPSK, Coding Rate, 1/2, High Channel 2470 MHz						
	Value	dBm/100kHz	Value	Limit		
	dBm/100kHz	To dBm/3kHz	dBm/3kHz	dBm/3kHz	Result	
	12.388	-15.2	-2.812	8	Pass	



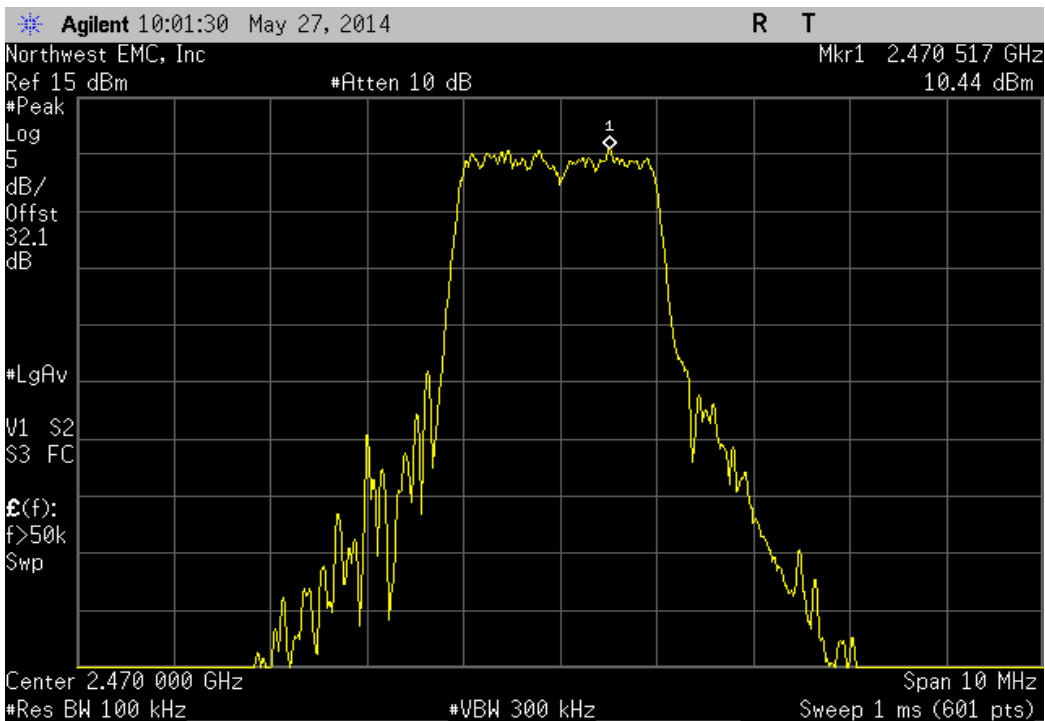
2400 MHz - 2483.5 MHz Band, 2.5MHz Bandwidth , Modulation Type, 16-QAM, Coding Rate, 3/4, Low Channel 2403 MHz						
	Value	dBm/100kHz	Value	Limit		
	dBm/100kHz	To dBm/3kHz	dBm/3kHz	dBm/3kHz	Result	
	12.426	-15.2	-2.774	8	Pass	



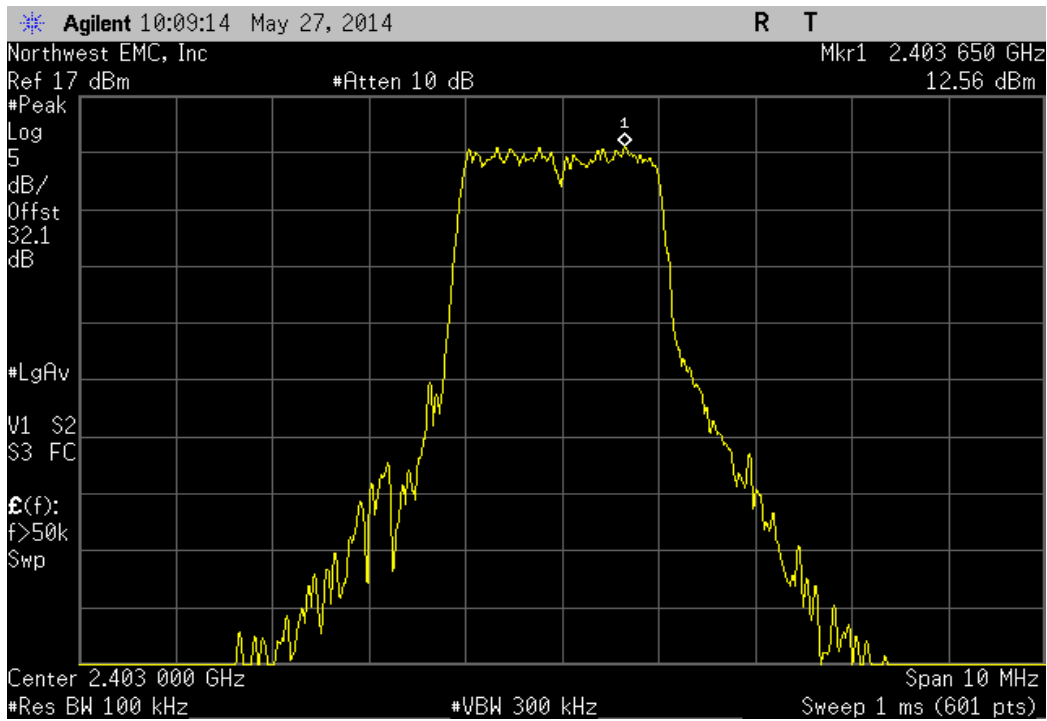
2400 MHz - 2483.5 MHz Band, 2.5MHz Bandwidth , Modulation Type, 16-QAM, Coding Rate, 3/4., Mid Channel 2435 MHz						
	Value	dBm/100kHz	Value	Limit		
	dBm/100kHz	To dBm/3kHz	dBm/3kHz	dBm/3kHz	Result	
	11.362	-15.2	-3.838	8	Pass	



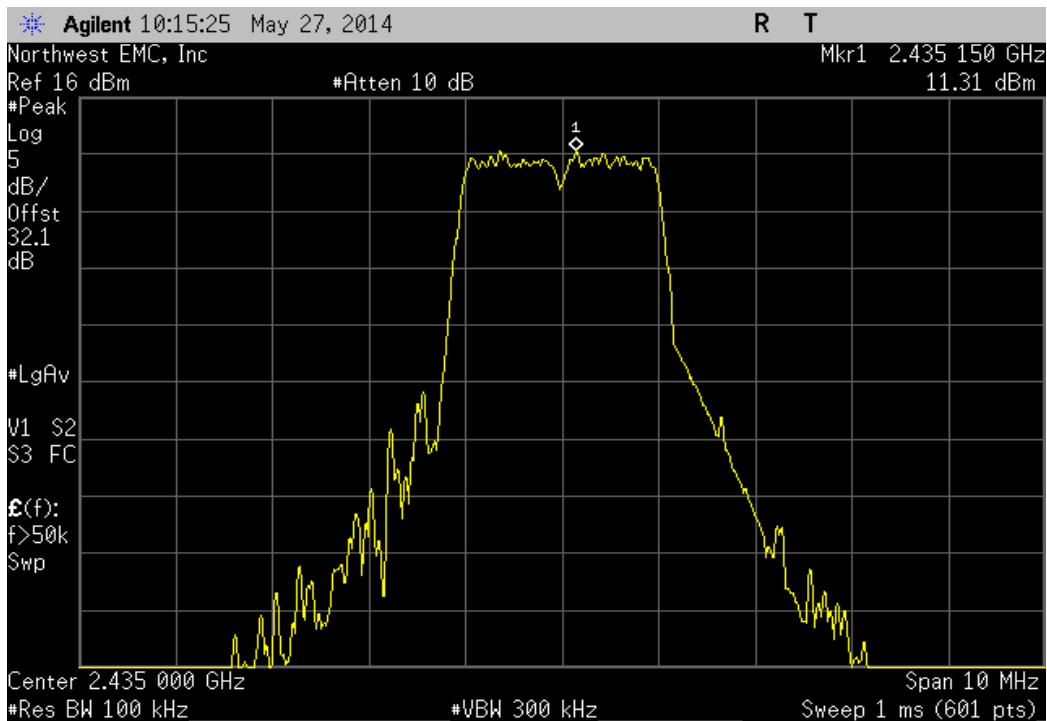
2400 MHz - 2483.5 MHz Band, 2.5MHz Bandwidth , Modulation Type, 16-QAM, Coding Rate, 3/4., High Channel 2470 MHz						
	Value	dBm/100kHz	Value	Limit		
	dBm/100kHz	To dBm/3kHz	dBm/3kHz	dBm/3kHz	Result	
	10.44	-15.2	-4.76	8	Pass	



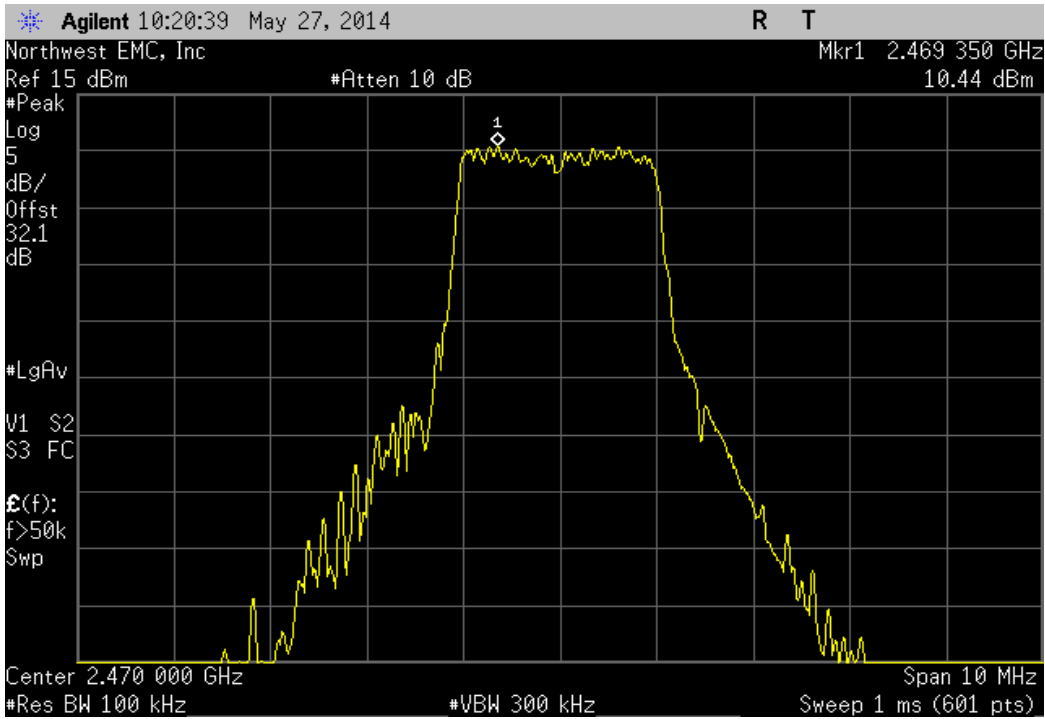
2400 MHz - 2483.5 MHz Band, 2.5MHz Bandwidth , Modulation Type, 64-QAM, Coding Rate, 3/4., Low Channel 2403 MHz						
	Value	dBm/100kHz	Value	Limit		
	dBm/100kHz	To dBm/3kHz	dBm/3kHz	dBm/3kHz	Result	
	12.558	-15.2	-2.642	8	Pass	



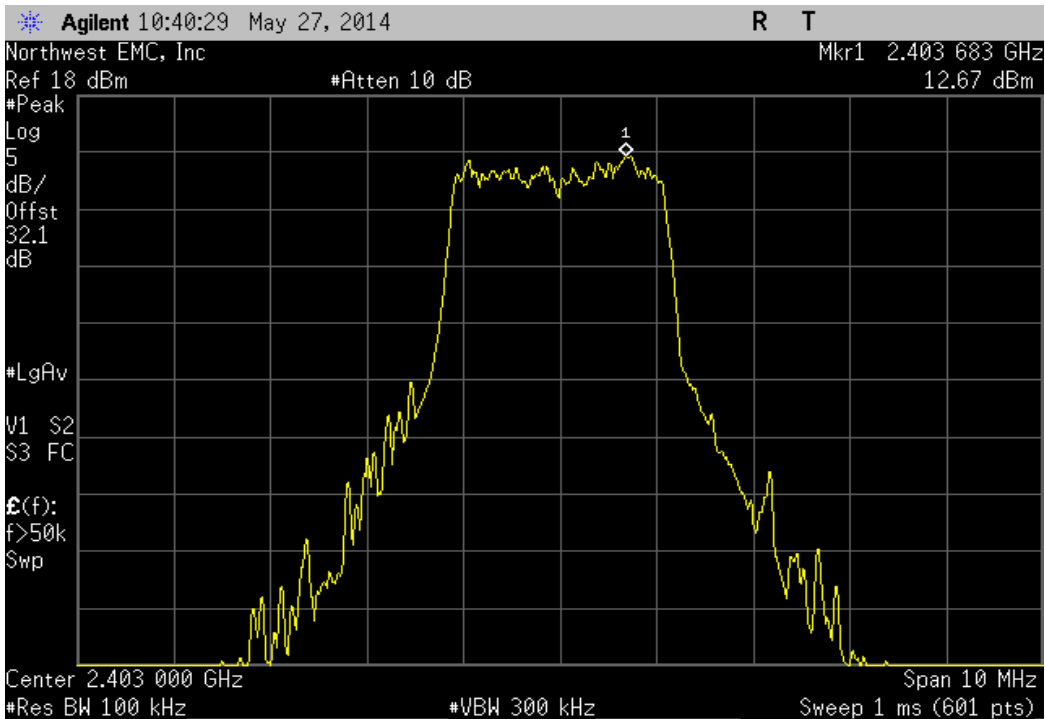
2400 MHz - 2483.5 MHz Band, 2.5MHz Bandwidth , Modulation Type, 64-QAM, Coding Rate, 3/4., Mid Channel 2435 MHz						
	Value	dBm/100kHz	Value	Limit		
	dBm/100kHz	To dBm/3kHz	dBm/3kHz	dBm/3kHz	Result	
	11.312	-15.2	-3.888	8	Pass	



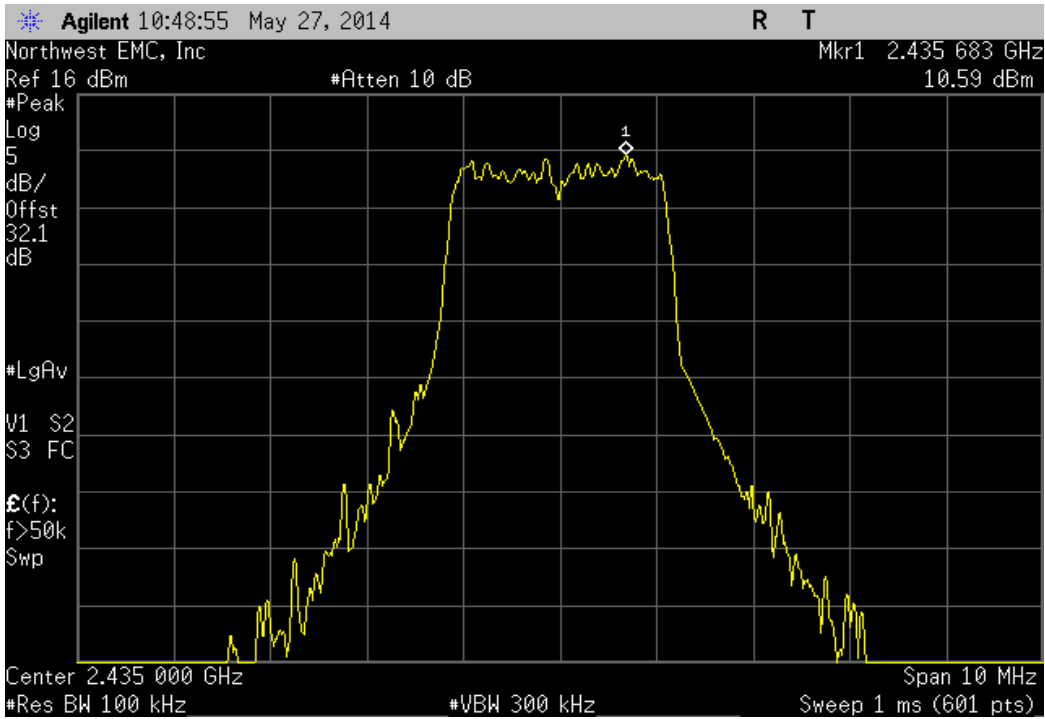
2400 MHz - 2483.5 MHz Band, 2.5MHz Bandwidth , Modulation Type, 64-QAM, Coding Rate, 3/4., High Channel 2470 MHz						
	Value	dBm/100kHz	Value	Limit		
	dBm/100kHz	To dBm/3kHz	dBm/3kHz	dBm/3kHz	Result	
	10.445	-15.2	-4.755	8	Pass	



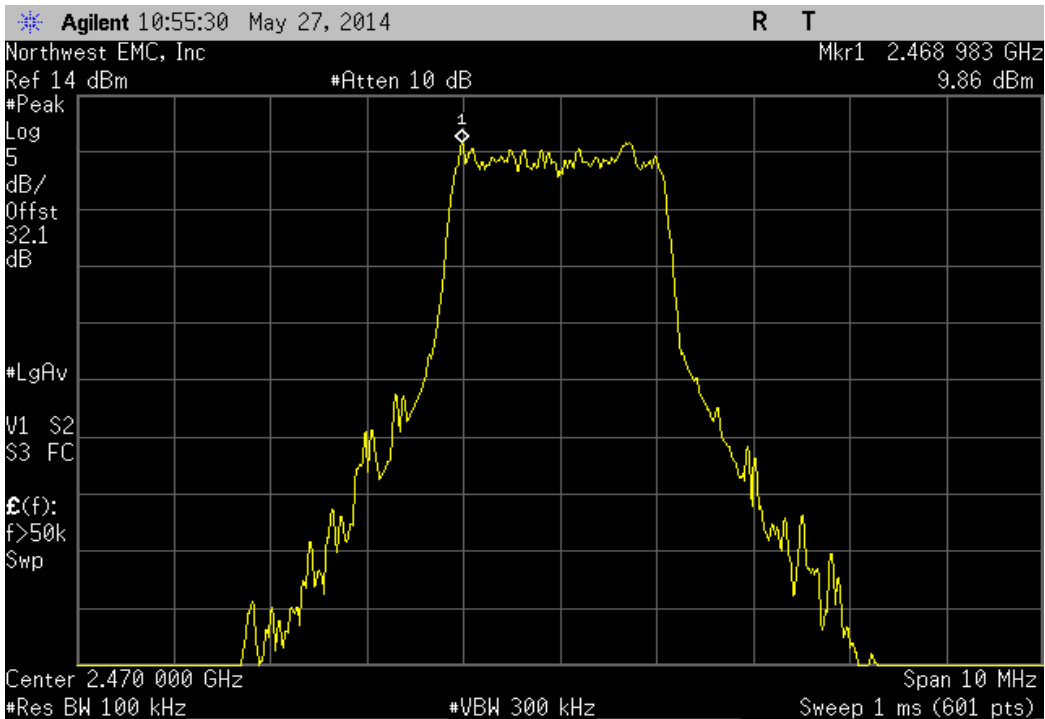
2400 MHz - 2483.5 MHz Band, 2.5MHz Bandwidth , Modulation Type, BPSK, Coding Rate, 1/2., Low Channel 2403 MHz						
	Value	dBm/100kHz	Value	Limit		
	dBm/100kHz	To dBm/3kHz	dBm/3kHz	dBm/3kHz	Result	
	12.673	-15.2	-2.527	8	Pass	



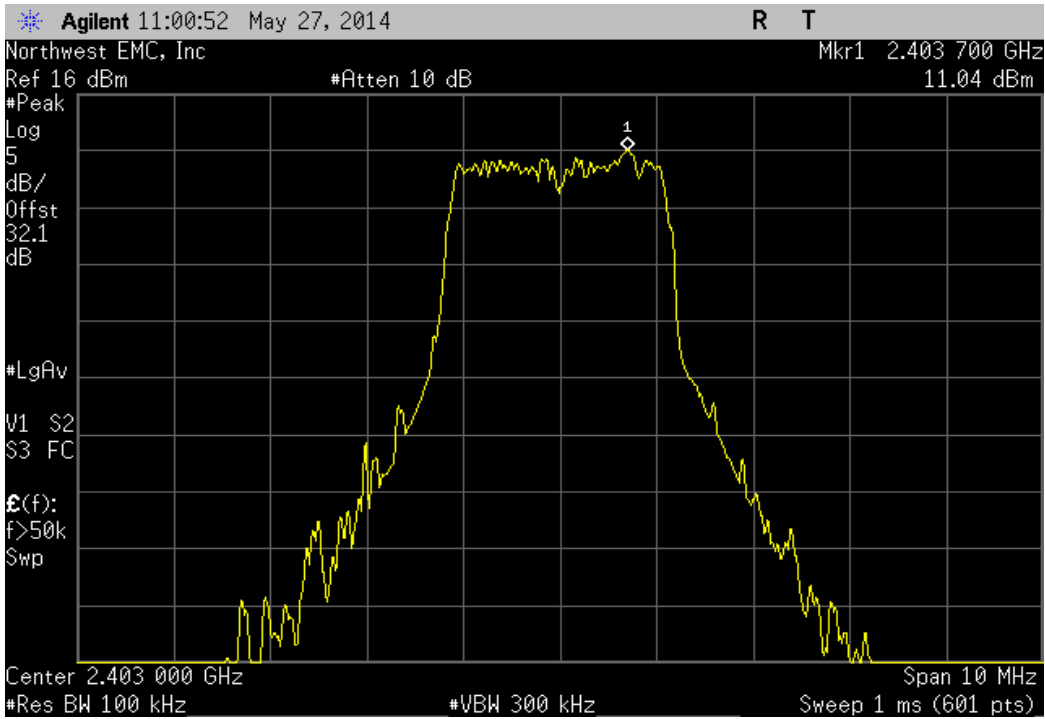
2400 MHz - 2483.5 MHz Band, 2.5MHz Bandwidth , Modulation Type, BPSK, Coding Rate, 1/2. , Mid Channel 2435 MHz						
	Value	dBm/100kHz	Value	Limit		
	dBm/100kHz	To dBm/3kHz	dBm/3kHz	dBm/3kHz	Result	
	10.586	-15.2	-4.614	8	Pass	



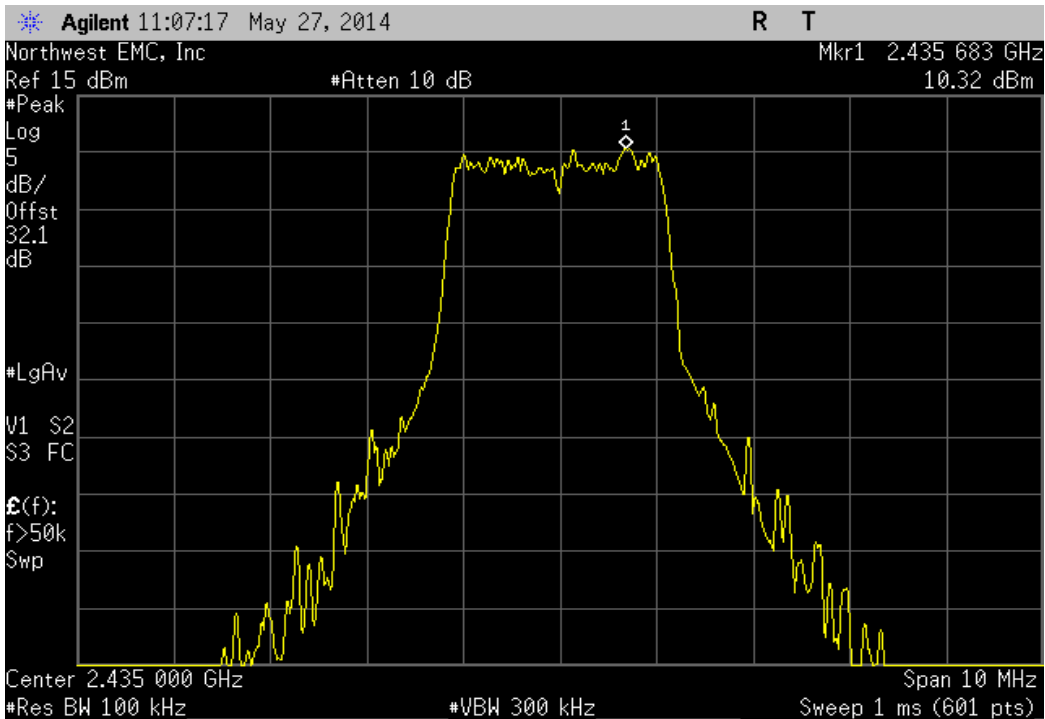
2400 MHz - 2483.5 MHz Band, 2.5MHz Bandwidth , Modulation Type, BPSK, Coding Rate, 1/2. , High Channel 2470 MHz						
	Value	dBm/100kHz	Value	Limit		
	dBm/100kHz	To dBm/3kHz	dBm/3kHz	dBm/3kHz	Result	
	9.861	-15.2	-5.339	8	Pass	



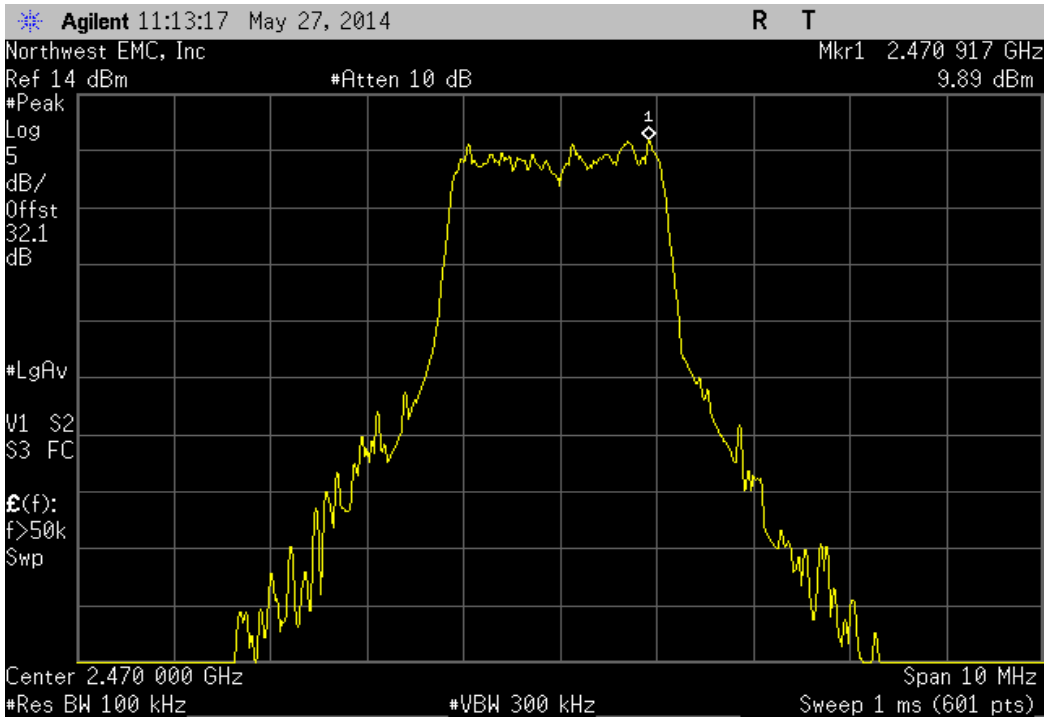
2400 MHz - 2483.5 MHz Band, 2.5MHz Bandwidth , Modulation Type, 64-QAM, Coding Rate, 5/6., Low Channel 2403 MHz						
	Value	dBm/100kHz	Value	Limit		
	dBm/100kHz	To dBm/3kHz	dBm/3kHz	dBm/3kHz	Result	
	11.043	-15.2	-4.157	8	Pass	



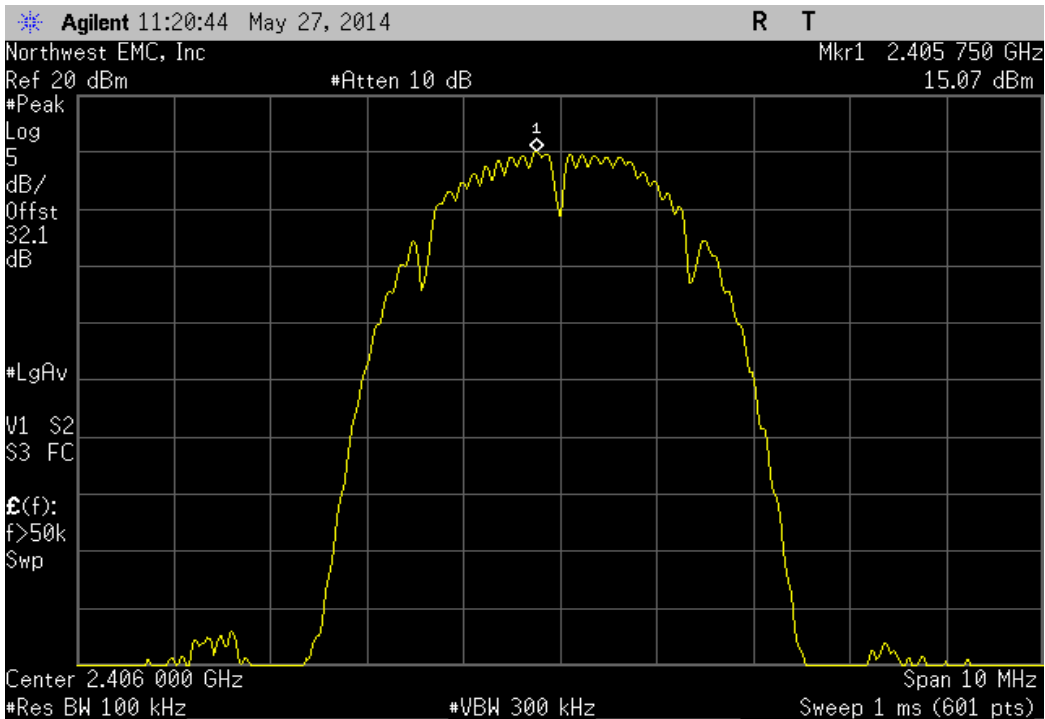
2400 MHz - 2483.5 MHz Band, 2.5MHz Bandwidth , Modulation Type, 64-QAM, Coding Rate, 5/6., Mid Channel 2435 MHz						
	Value	dBm/100kHz	Value	Limit		
	dBm/100kHz	To dBm/3kHz	dBm/3kHz	dBm/3kHz	Result	
	10.325	-15.2	-4.875	8	Pass	



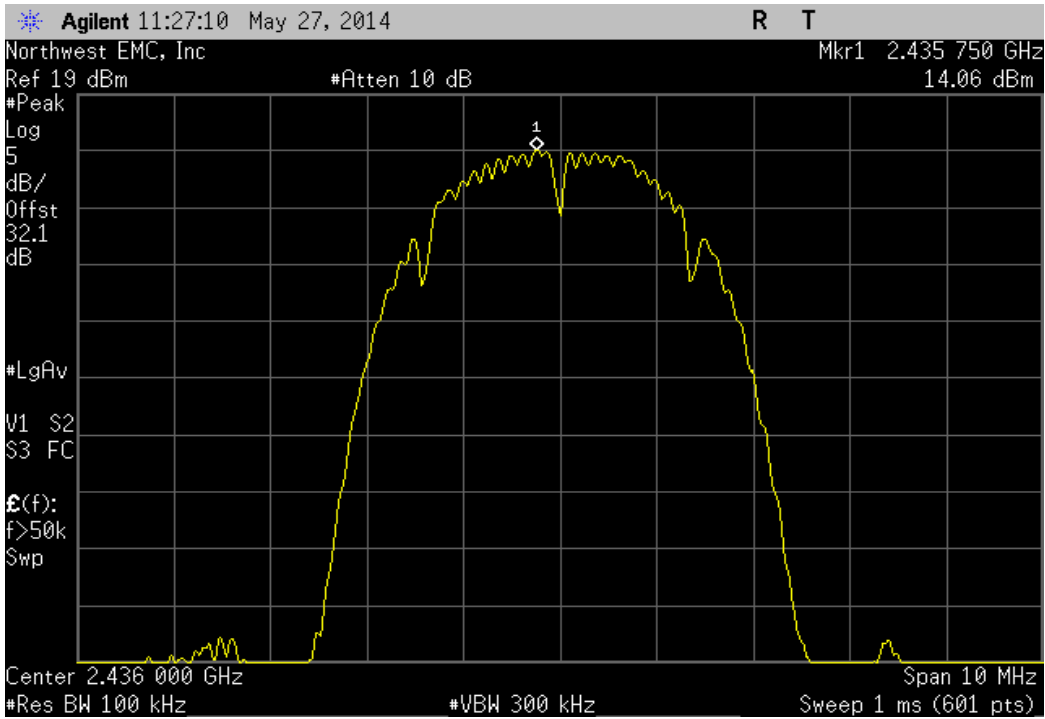
2400 MHz - 2483.5 MHz Band, 2.5MHz Bandwidth , Modulation Type, 64-QAM, Coding Rate, 5/6., High Channel 2470 MHz						
	Value	dBm/100kHz	Value	Limit		
	dBm/100kHz	To dBm/3kHz	dBm/3kHz	dBm/3kHz	Result	
	9.893	-15.2	-5.307	8	Pass	



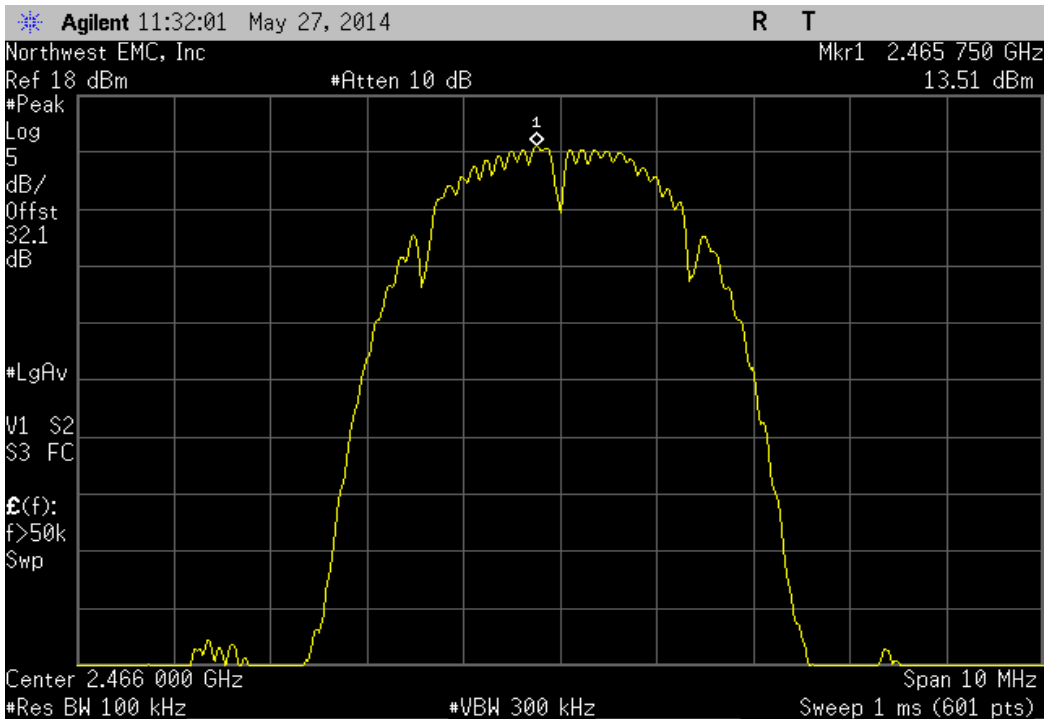
2400 MHz - 2483.5 MHz Band, 5MHz Bandwidth , Modulation Type, DBPSK., Low Channel 2406 MHz						
	Value	dBm/100kHz	Value	Limit		
	dBm/100kHz	To dBm/3kHz	dBm/3kHz	dBm/3kHz	Result	
	15.071	-15.2	-0.129	8	Pass	



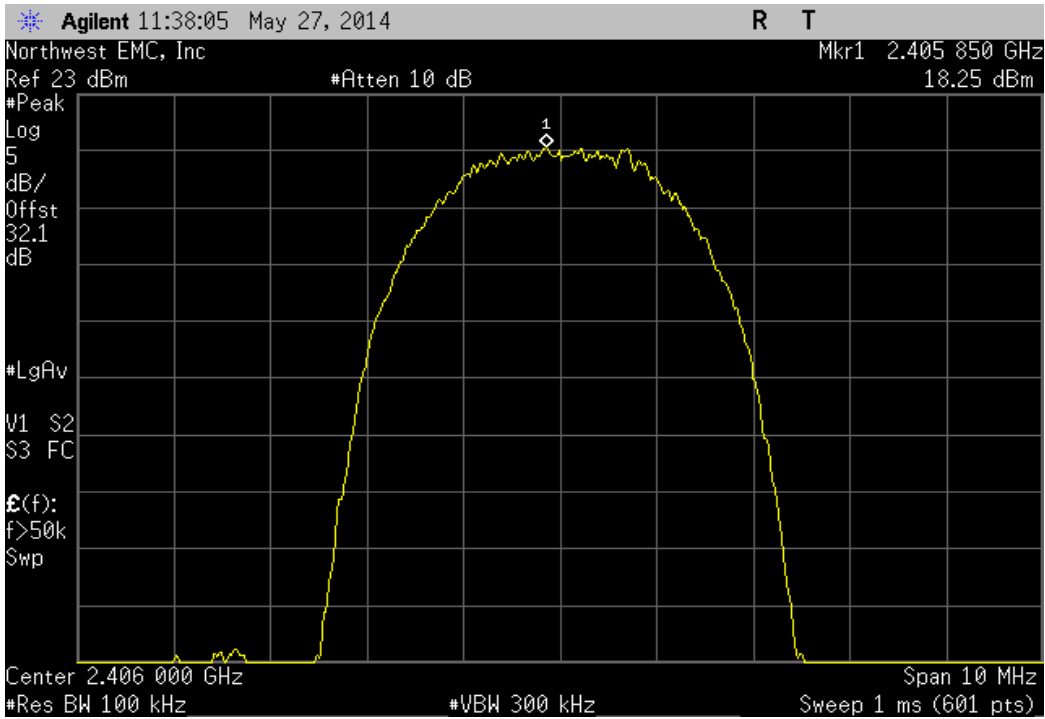
2400 MHz - 2483.5 MHz Band, 5MHz Bandwidth, Modulation Type, DBPSK., Mid Channel 2436 MHz						
	Value	dBm/100kHz	Value	Limit		
	dBm/100kHz	To dBm/3kHz	dBm/3kHz	dBm/3kHz	Result	
	14.064	-15.2	-1.136	8	Pass	



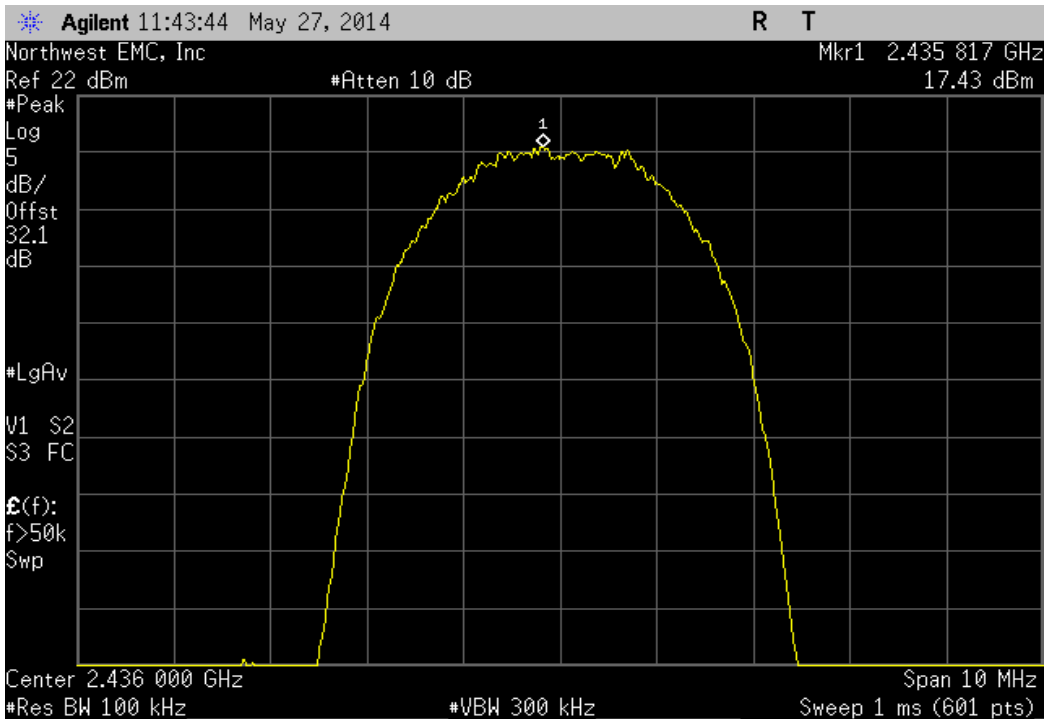
2400 MHz - 2483.5 MHz Band, 5MHz Bandwidth, Modulation Type, DBPSK., High Channel 2466 MHz						
	Value	dBm/100kHz	Value	Limit		
	dBm/100kHz	To dBm/3kHz	dBm/3kHz	dBm/3kHz	Result	
	13.509	-15.2	-1.691	8	Pass	



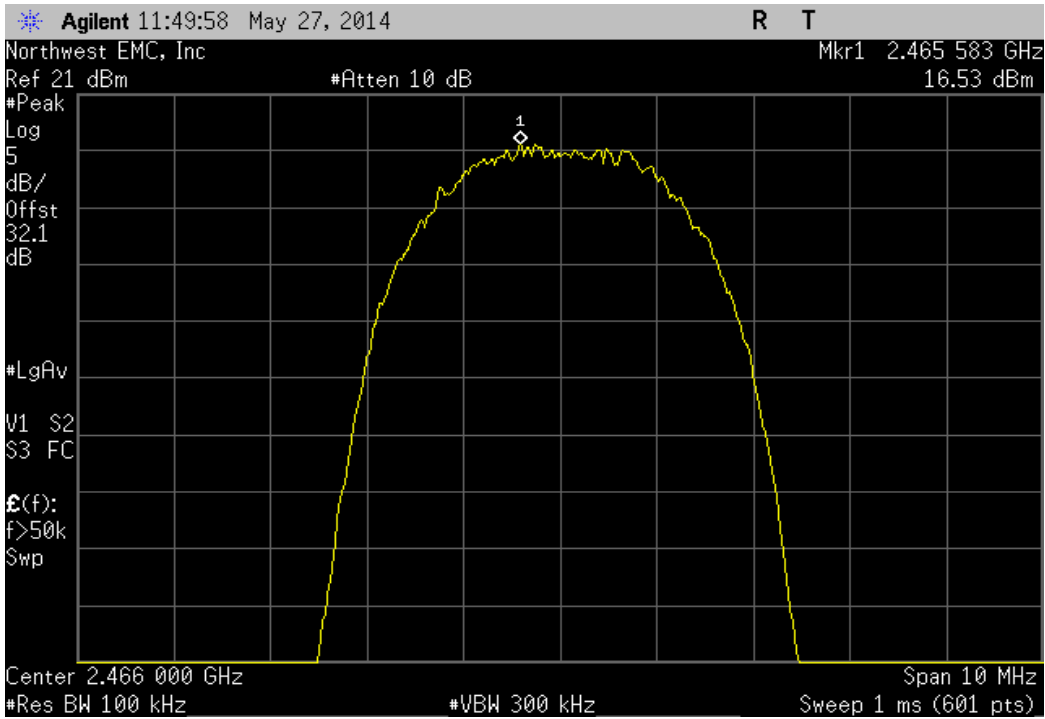
2400 MHz - 2483.5 MHz Band, 5MHz Bandwidth , Modulation Type, QPSK., Low Channel 2406 MHz						
	Value	dBm/100kHz	Value	Limit		
	dBm/100kHz	To dBm/3kHz	dBm/3kHz	dBm/3kHz	Result	
	18.246	-15.2	3.046	8	Pass	



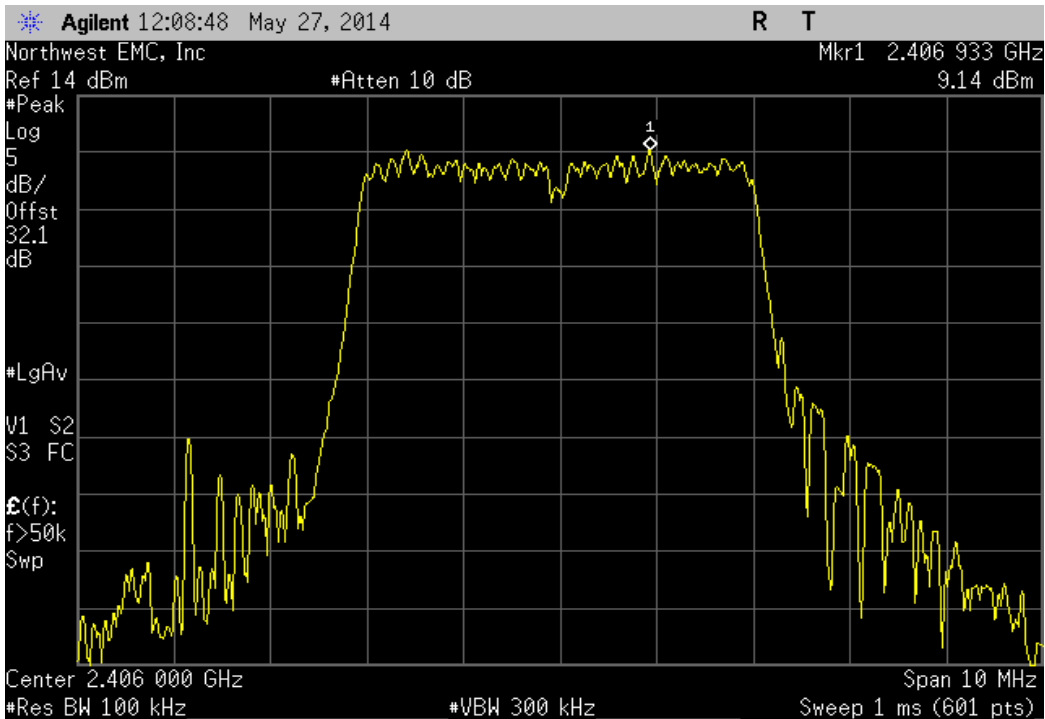
2400 MHz - 2483.5 MHz Band, 5MHz Bandwidth , Modulation Type, QPSK., Mid Channel 2436 MHz						
	Value	dBm/100kHz	Value	Limit		
	dBm/100kHz	To dBm/3kHz	dBm/3kHz	dBm/3kHz	Result	
	17.431	-15.2	2.231	8	Pass	



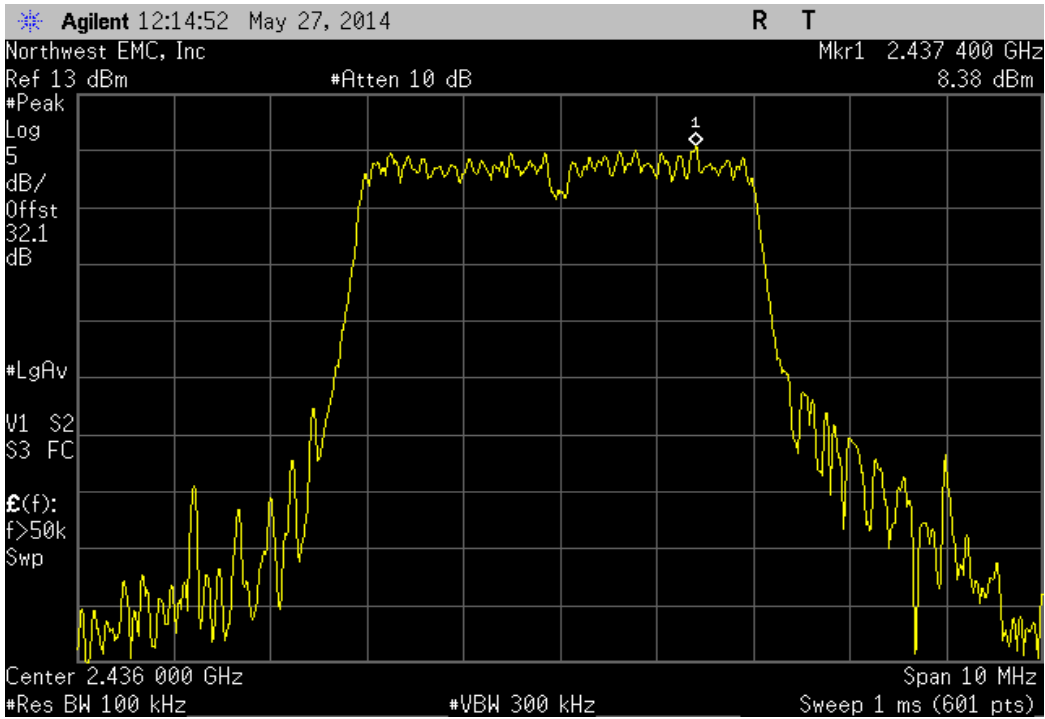
2400 MHz - 2483.5 MHz Band, 5MHz Bandwidth , Modulation Type, QPSK., High Channel 2466 MHz						
	Value	dBm/100kHz	Value	Limit		
	dBm/100kHz	To dBm/3kHz	dBm/3kHz	dBm/3kHz	Result	
	16.533	-15.2	1.333	8	Pass	



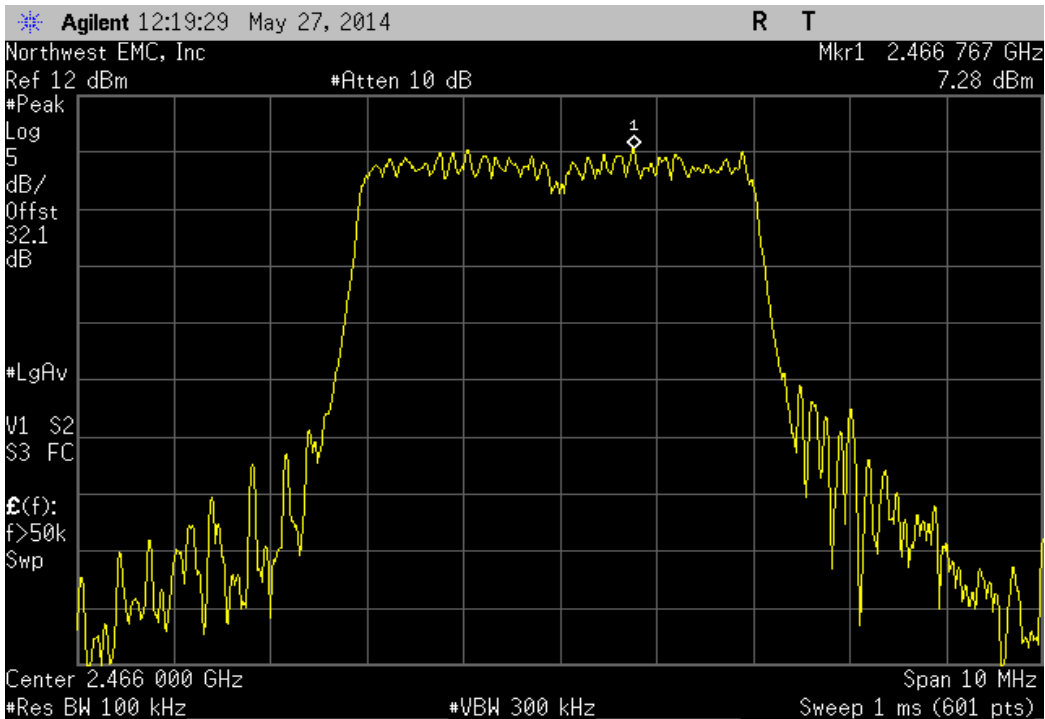
2400 MHz - 2483.5 MHz Band, 5MHz Bandwidth , Modulation Type, BPSK, Coding Rate, 1/2, Low Channel 2406 MHz						
	Value	dBm/100kHz	Value	Limit		
	dBm/100kHz	To dBm/3kHz	dBm/3kHz	dBm/3kHz	Result	
	9.144	-15.2	-6.056	8	Pass	



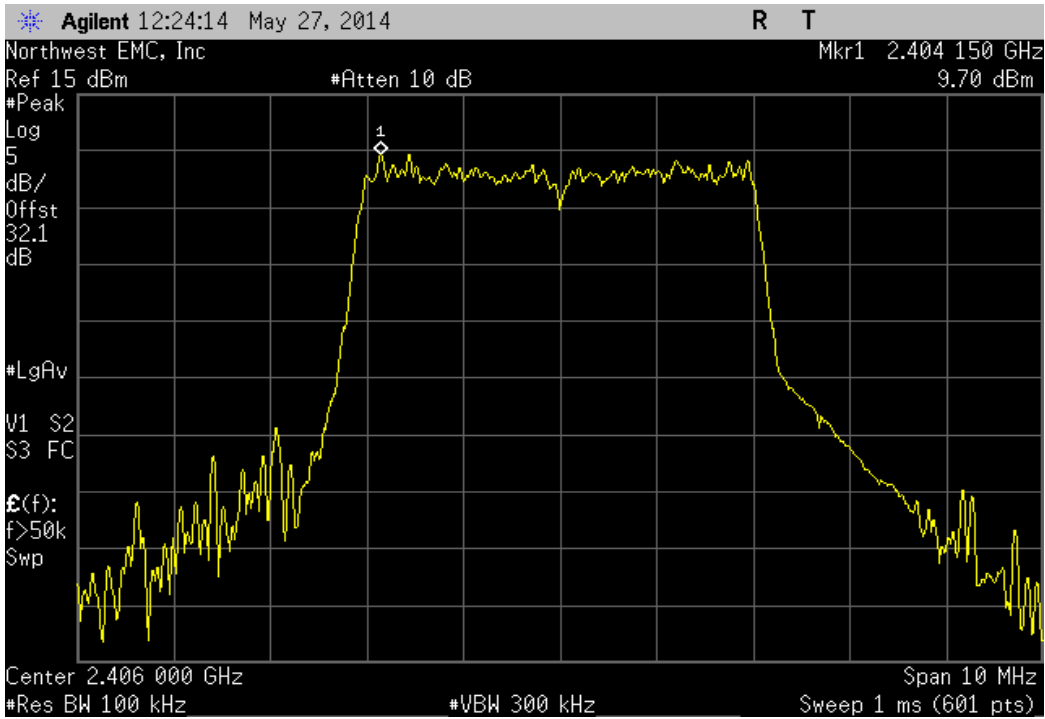
2400 MHz - 2483.5 MHz Band, 5MHz Bandwidth , Modulation Type, BPSK, Coding Rate, 1/2, Mid Channel 2436 MHz					
	Value	dBm/100kHz	Value	Limit	
	dBm/100kHz	To dBm/3kHz	dBm/3kHz	dBm/3kHz	Result
	8.38	-15.2	-6.82	8	Pass



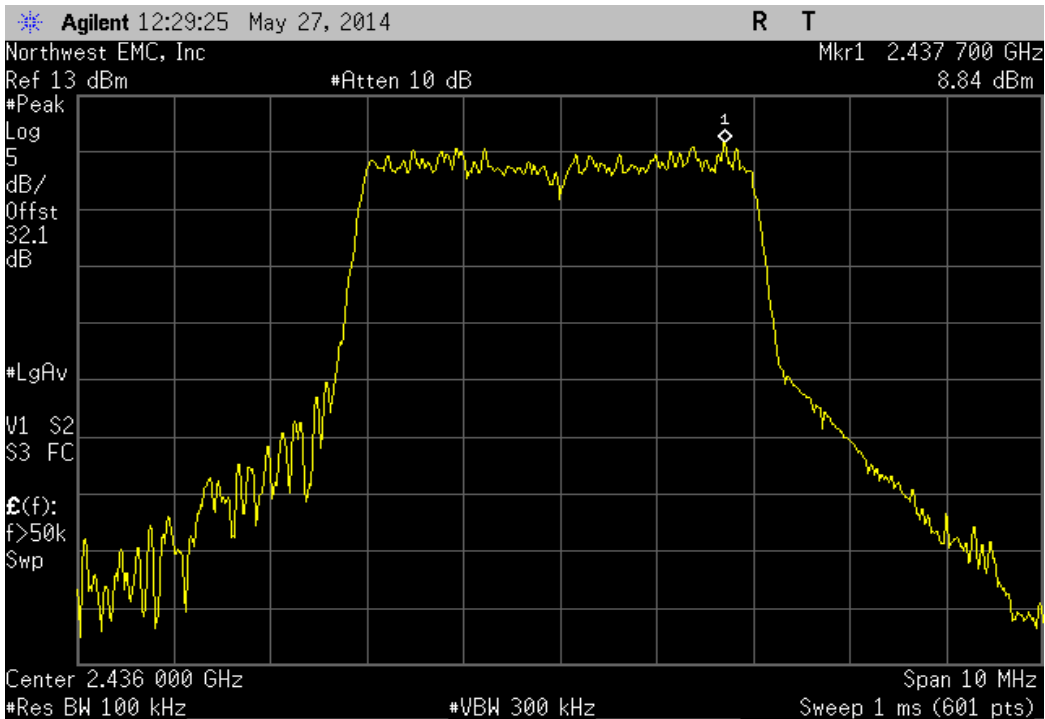
2400 MHz - 2483.5 MHz Band, 5MHz Bandwidth , Modulation Type, BPSK, Coding Rate, 1/2, High Channel 2466 MHz					
	Value	dBm/100kHz	Value	Limit	
	dBm/100kHz	To dBm/3kHz	dBm/3kHz	dBm/3kHz	Result
	7.276	-15.2	-7.924	8	Pass



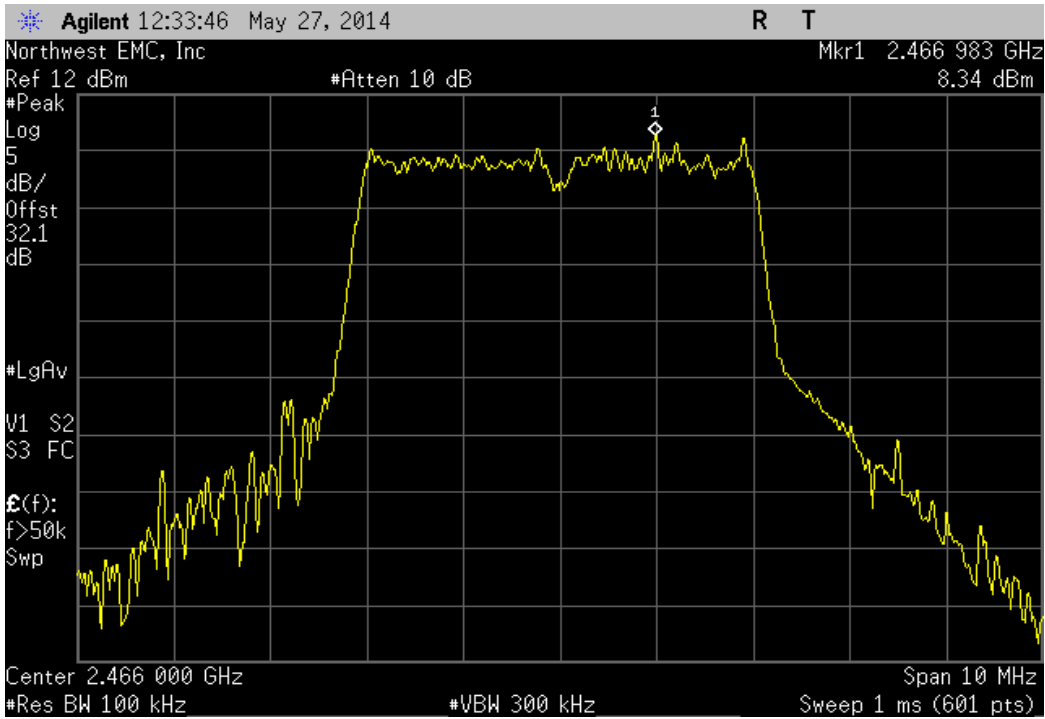
2400 MHz - 2483.5 MHz Band, 5MHz Bandwidth , Modulation Type, 16-QAM, Coding Rate, 3/4., Low Channel 2406 MHz						
	Value	dBm/100kHz	Value	Limit		
	dBm/100kHz	To dBm/3kHz	dBm/3kHz	dBm/3kHz	Result	
	9.699	-15.2	-5.501	8	Pass	



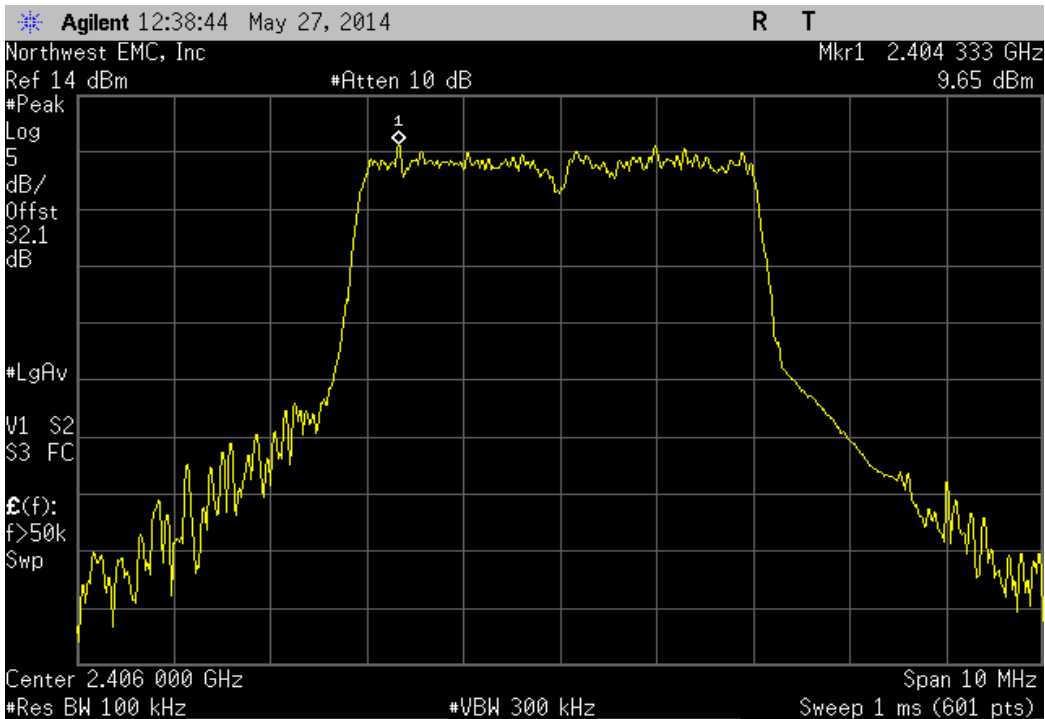
2400 MHz - 2483.5 MHz Band, 5MHz Bandwidth , Modulation Type, 16-QAM, Coding Rate, 3/4., Mid Channel 2436 MHz						
	Value	dBm/100kHz	Value	Limit		
	dBm/100kHz	To dBm/3kHz	dBm/3kHz	dBm/3kHz	Result	
	8.837	-15.2	-6.363	8	Pass	



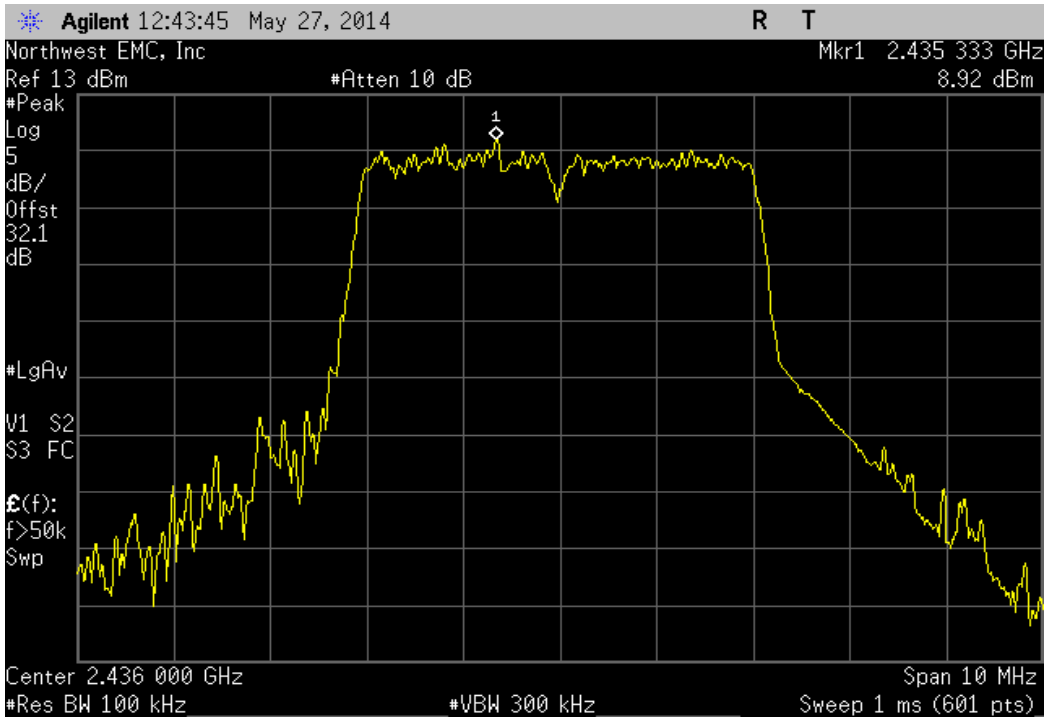
2400 MHz - 2483.5 MHz Band, 5MHz Bandwidth , Modulation Type, 16-QAM, Coding Rate, 3/4., High Channel 2466 MHz						
	Value	dBm/100kHz	Value	Limit		
	dBm/100kHz	To dBm/3kHz	dBm/3kHz	dBm/3kHz	Result	
	8.344	-15.2	-6.856	8	Pass	



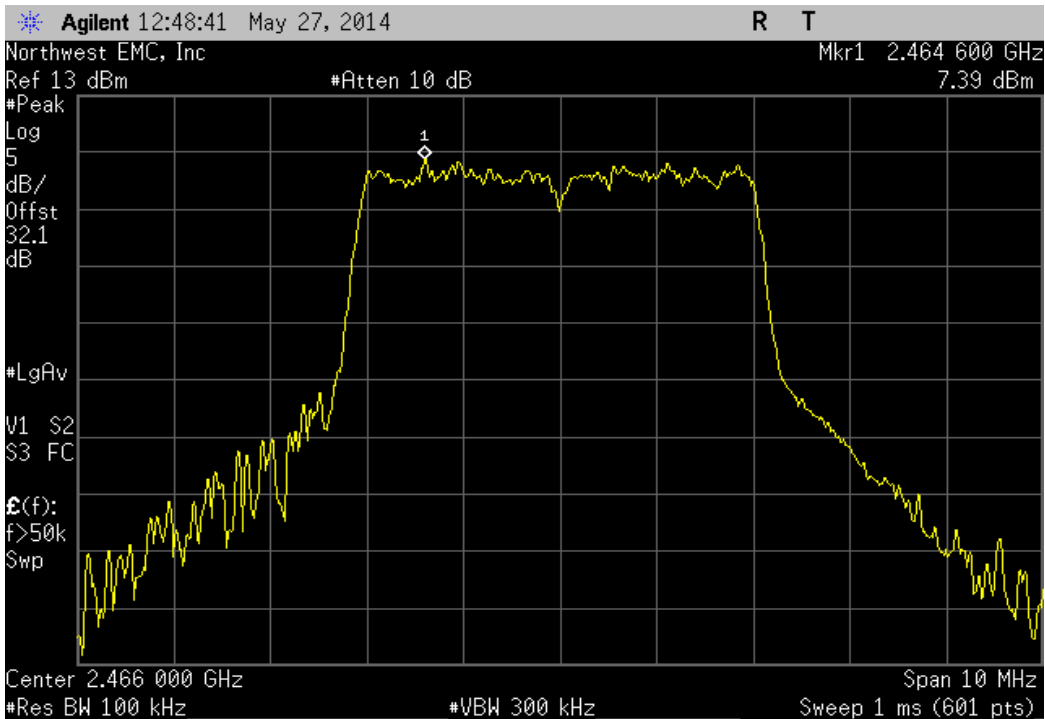
2400 MHz - 2483.5 MHz Band, 5MHz Bandwidth , Modulation Type, 64-QAM, Coding Rate, 3/4., Low Channel 2406 MHz						
	Value	dBm/100kHz	Value	Limit		
	dBm/100kHz	To dBm/3kHz	dBm/3kHz	dBm/3kHz	Result	
	9.648	-15.2	-5.552	8	Pass	



2400 MHz - 2483.5 MHz Band, 5MHz Bandwidth , Modulation Type, 64-QAM, Coding Rate, 3/4., Mid Channel 2436 MHz						
	Value	dBm/100kHz	Value	Limit		
	dBm/100kHz	To dBm/3kHz	dBm/3kHz	dBm/3kHz	Result	
	8.922	-15.2	-6.278	8	Pass	

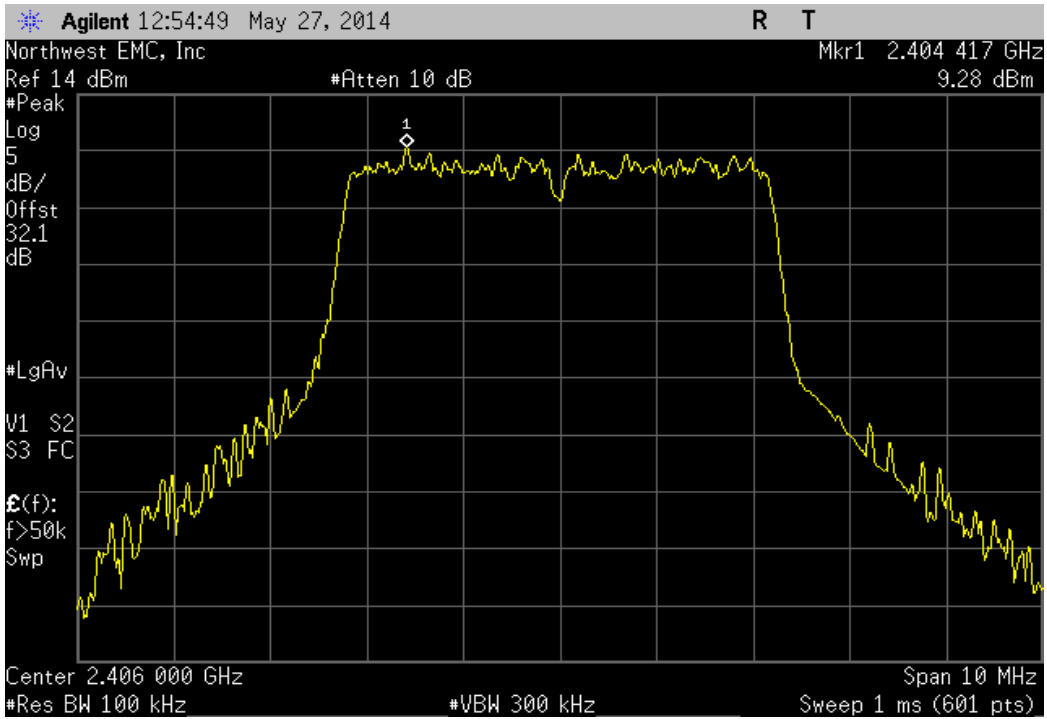


2400 MHz - 2483.5 MHz Band, 5MHz Bandwidth , Modulation Type, 64-QAM, Coding Rate, 3/4., High Channel 2466 MHz						
	Value	dBm/100kHz	Value	Limit		
	dBm/100kHz	To dBm/3kHz	dBm/3kHz	dBm/3kHz	Result	
	7.389	-15.2	-7.811	8	Pass	



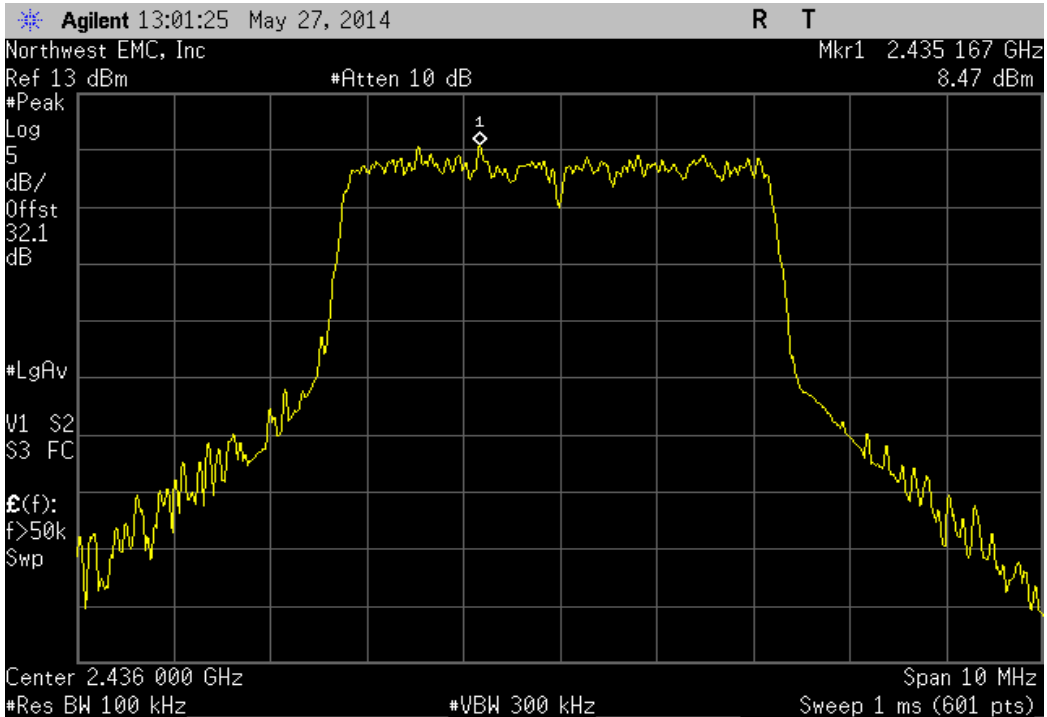
2400 MHz - 2483.5 MHz Band, 5MHz Bandwidth , Modulation Type, BPSK, Coding Rate, 1/2. , Low Channel 2406 MHz

	Value	dBm/100kHz	Value	Limit	
	dBm/100kHz	To dBm/3kHz	dBm/3kHz	dBm/3kHz	Result
	9.283	-15.2	-5.917	8	Pass

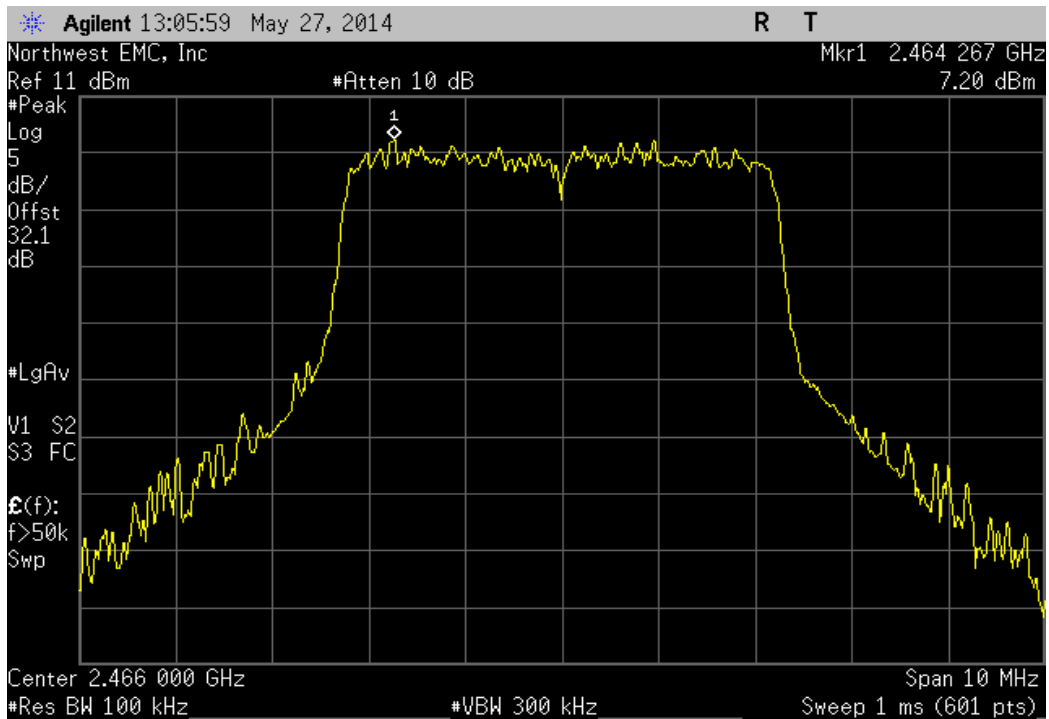


2400 MHz - 2483.5 MHz Band, 5MHz Bandwidth , Modulation Type, BPSK, Coding Rate, 1/2. , Mid Channel 2436 MHz

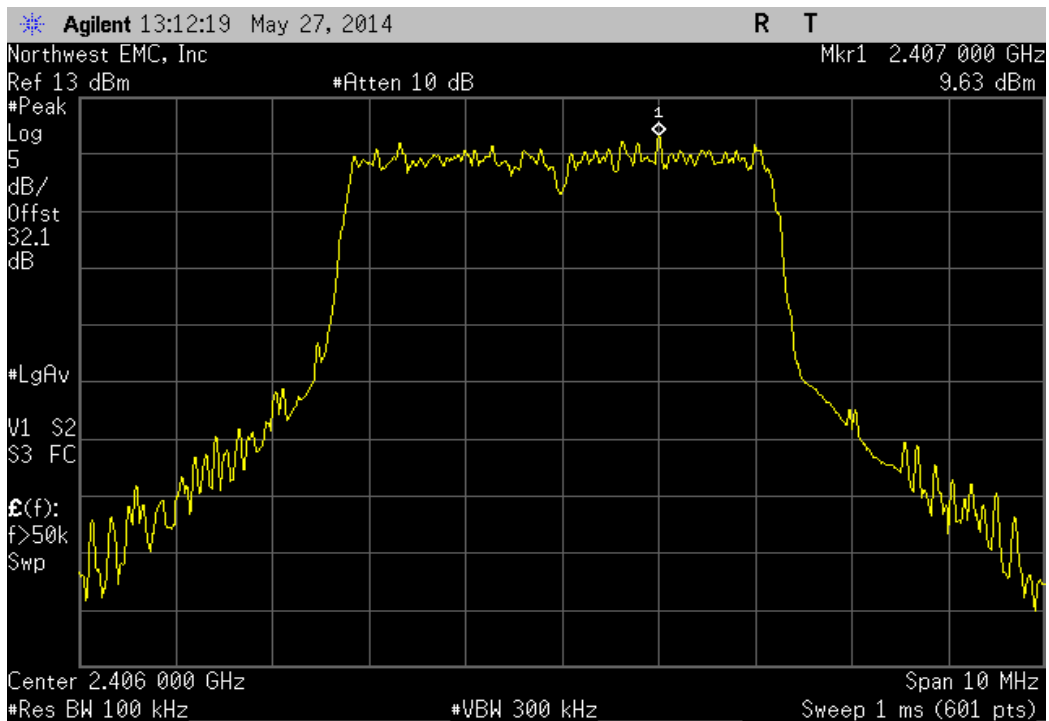
	Value	dBm/100kHz	Value	Limit	
	dBm/100kHz	To dBm/3kHz	dBm/3kHz	dBm/3kHz	Result
	8.47	-15.2	-6.73	8	Pass



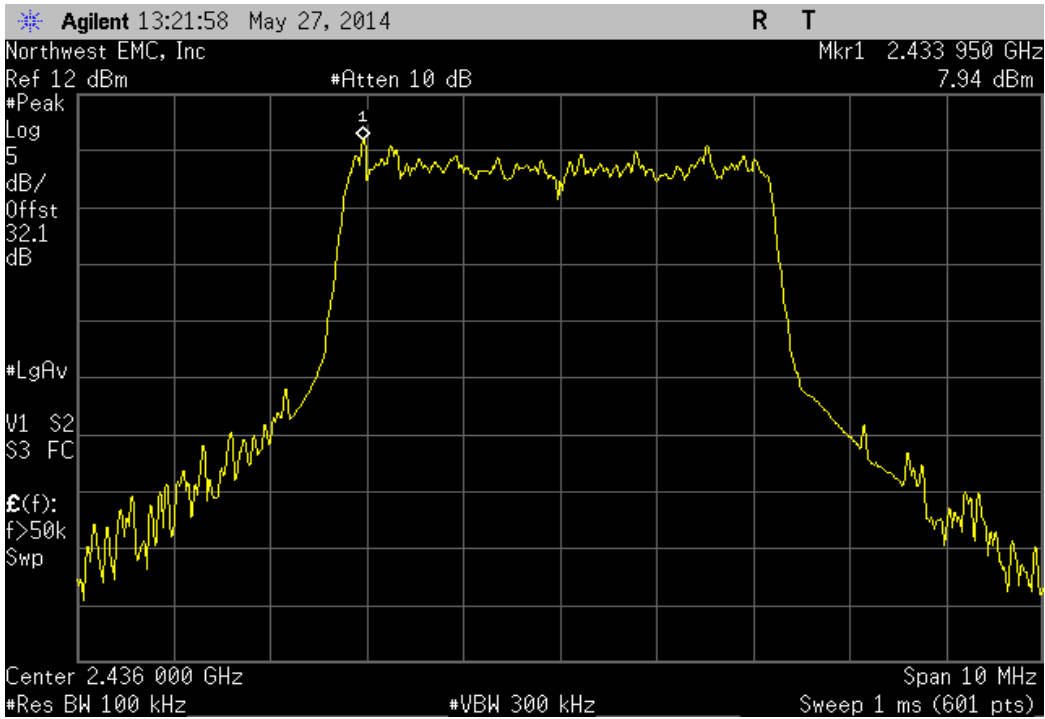
2400 MHz - 2483.5 MHz Band, 5MHz Bandwidth , Modulation Type, BPSK, Coding Rate, 1/2. , High Channel 2466 MHz						
	Value	dBm/100kHz	Value	Limit		
	dBm/100kHz	To dBm/3kHz	dBm/3kHz	dBm/3kHz	Result	
	7.203	-15.2	-7.997	8	Pass	



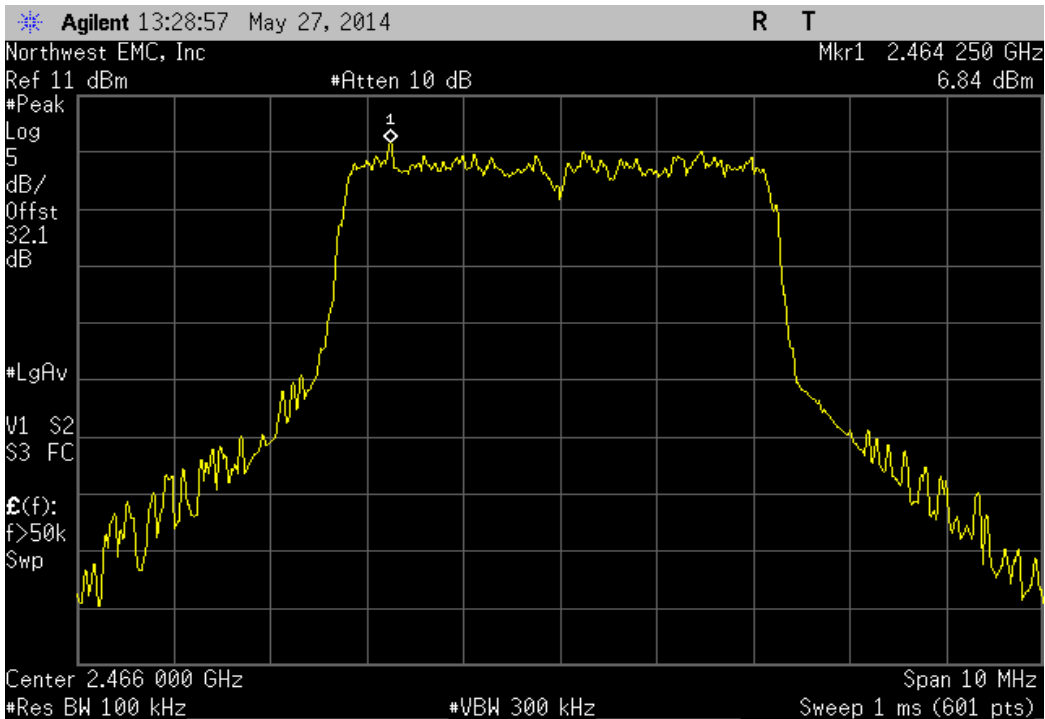
2400 MHz - 2483.5 MHz Band, 5MHz Bandwidth , Modulation Type, 64-QAM, Coding Rate, 5/6., Low Channel 2406 MHz						
	Value	dBm/100kHz	Value	Limit		
	dBm/100kHz	To dBm/3kHz	dBm/3kHz	dBm/3kHz	Result	
	9.627	-15.2	-5.573	8	Pass	



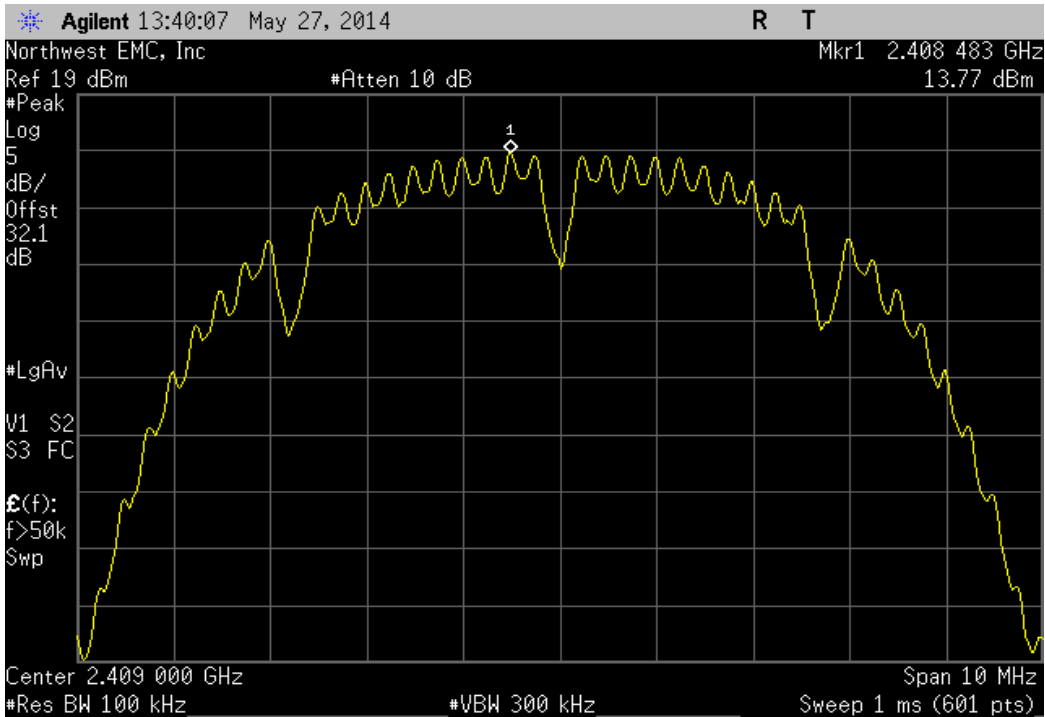
2400 MHz - 2483.5 MHz Band, 5MHz Bandwidth , Modulation Type, 64-QAM, Coding Rate, 5/6., Mid Channel 2436 MHz						
	Value	dBm/100kHz	Value	Limit		
	dBm/100kHz	To dBm/3kHz	dBm/3kHz	dBm/3kHz	Result	
	7.94	-15.2	-7.26	8	Pass	



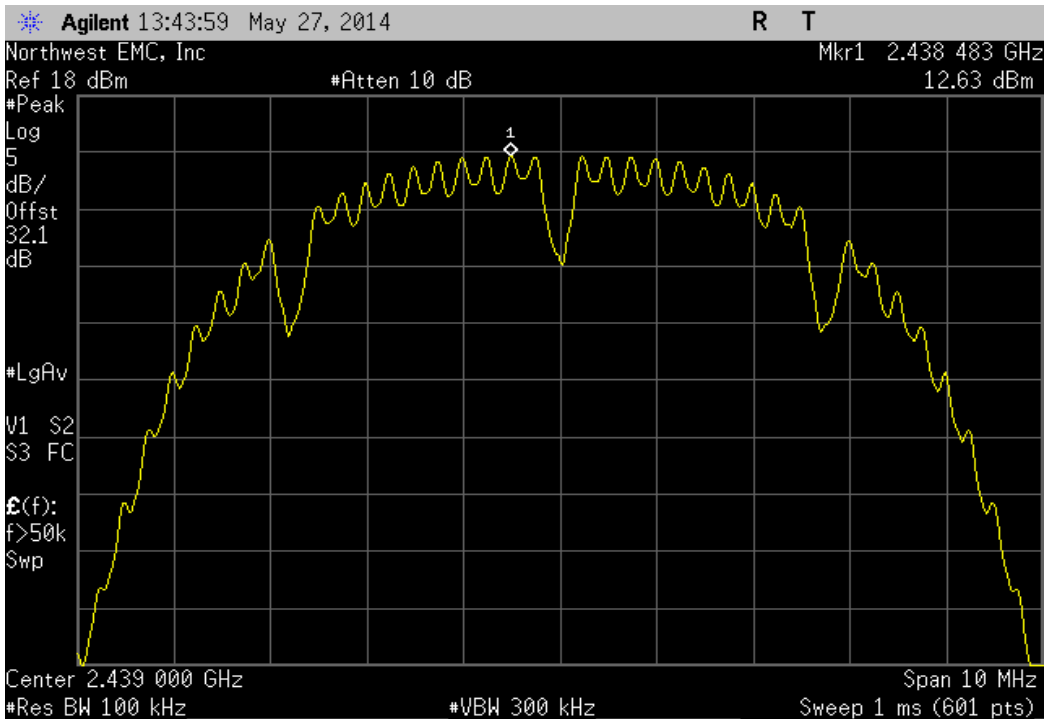
2400 MHz - 2483.5 MHz Band, 5MHz Bandwidth , Modulation Type, 64-QAM, Coding Rate, 5/6., High Channel 2466 MHz						
	Value	dBm/100kHz	Value	Limit		
	dBm/100kHz	To dBm/3kHz	dBm/3kHz	dBm/3kHz	Result	
	6.838	-15.2	-8.362	8	Pass	



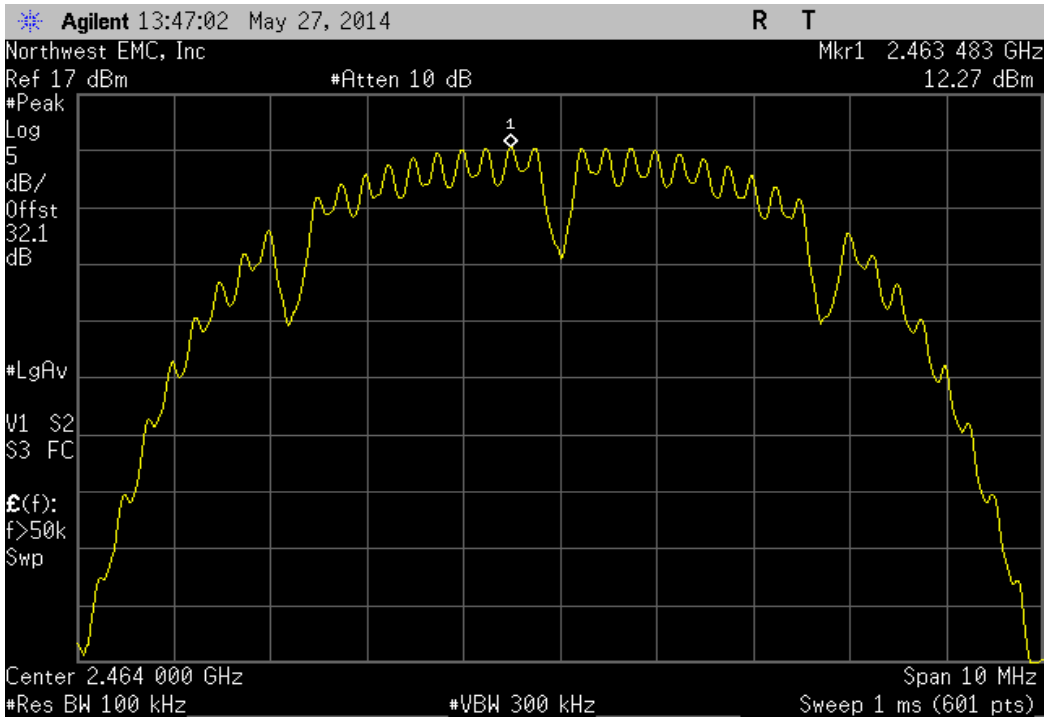
2400 MHz - 2483.5 MHz Band, 10MHz Bandwidth , Modulation Type, DBPSK., Low Channel 2409 MHz						
	Value	dBm/100kHz	Value	Limit		
	dBm/100kHz	To dBm/3kHz	dBm/3kHz	dBm/3kHz	Result	
	13.769	-15.2	-1.431	8	Pass	



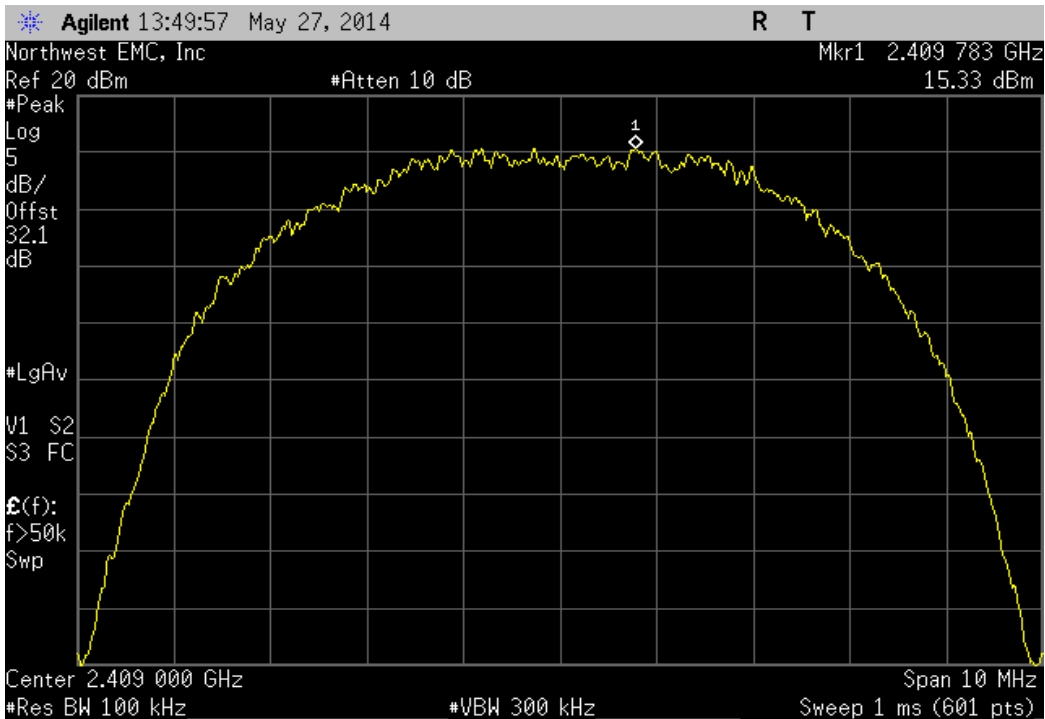
2400 MHz - 2483.5 MHz Band, 10MHz Bandwidth , Modulation Type, DBPSK., Mid Channel 2439 MHz						
	Value	dBm/100kHz	Value	Limit		
	dBm/100kHz	To dBm/3kHz	dBm/3kHz	dBm/3kHz	Result	
	12.632	-15.2	-2.568	8	Pass	



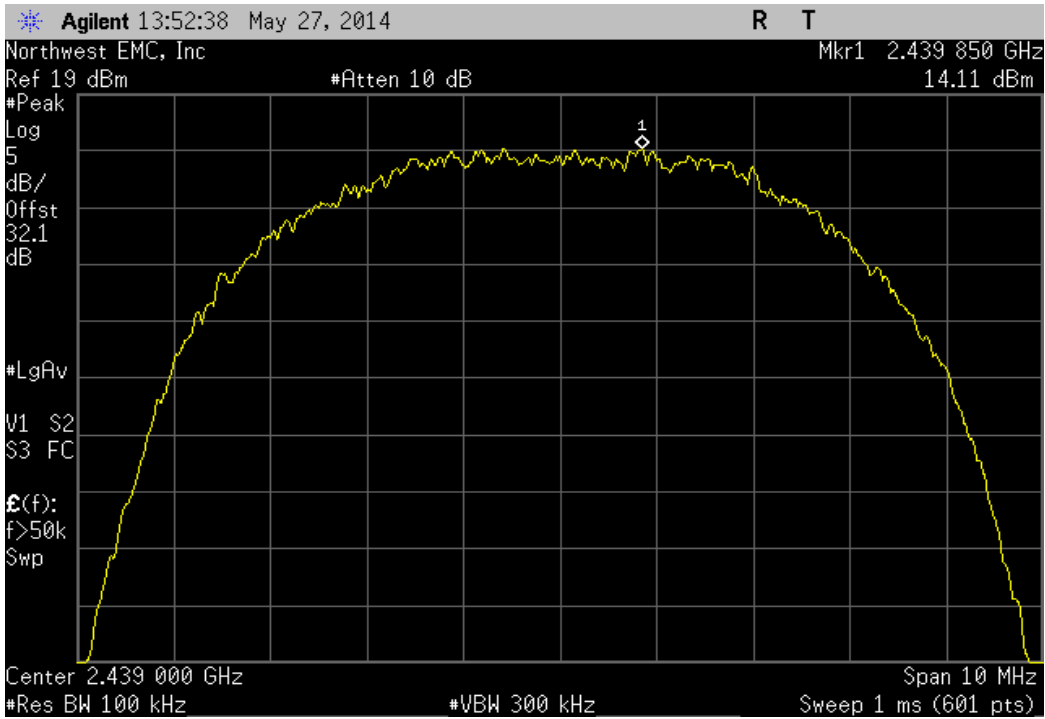
2400 MHz - 2483.5 MHz Band, 10MHz Bandwidth, Modulation Type, DBPSK., High Channel 2464 MHz						
	Value	dBm/100kHz	Value	Limit		
	dBm/100kHz	To dBm/3kHz	dBm/3kHz	dBm/3kHz	Result	
	12.269	-15.2	-2.931	8	Pass	



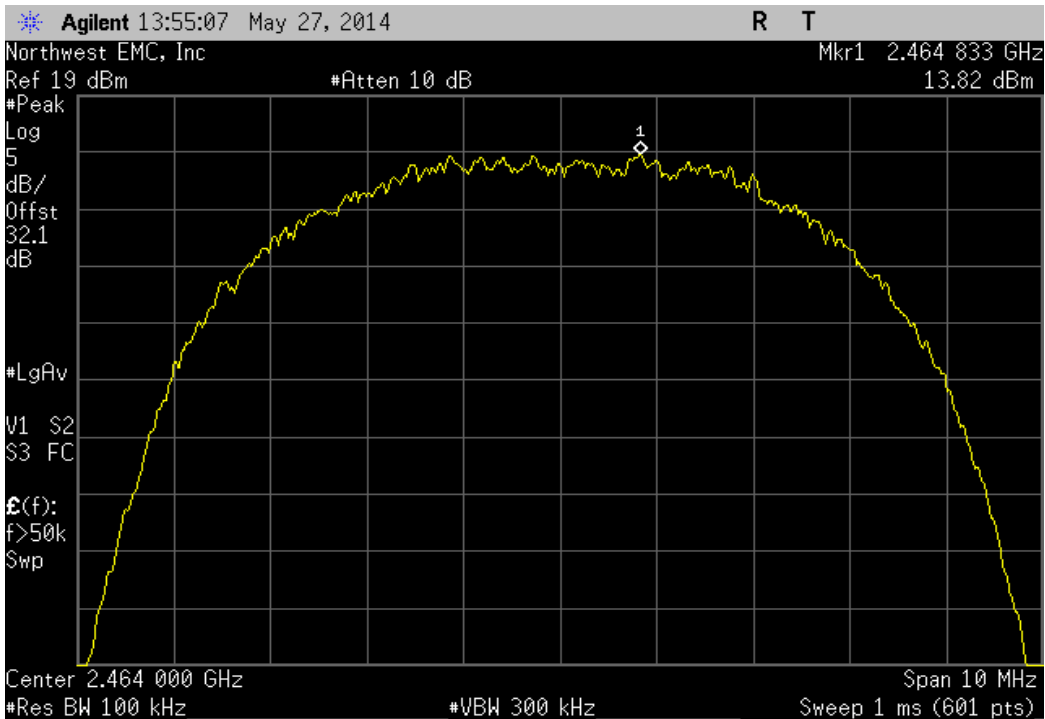
2400 MHz - 2483.5 MHz Band, 10MHz Bandwidth, Modulation Type, QPSK., Low Channel 2409 MHz						
	Value	dBm/100kHz	Value	Limit		
	dBm/100kHz	To dBm/3kHz	dBm/3kHz	dBm/3kHz	Result	
	15.326	-15.2	0.126	8	Pass	



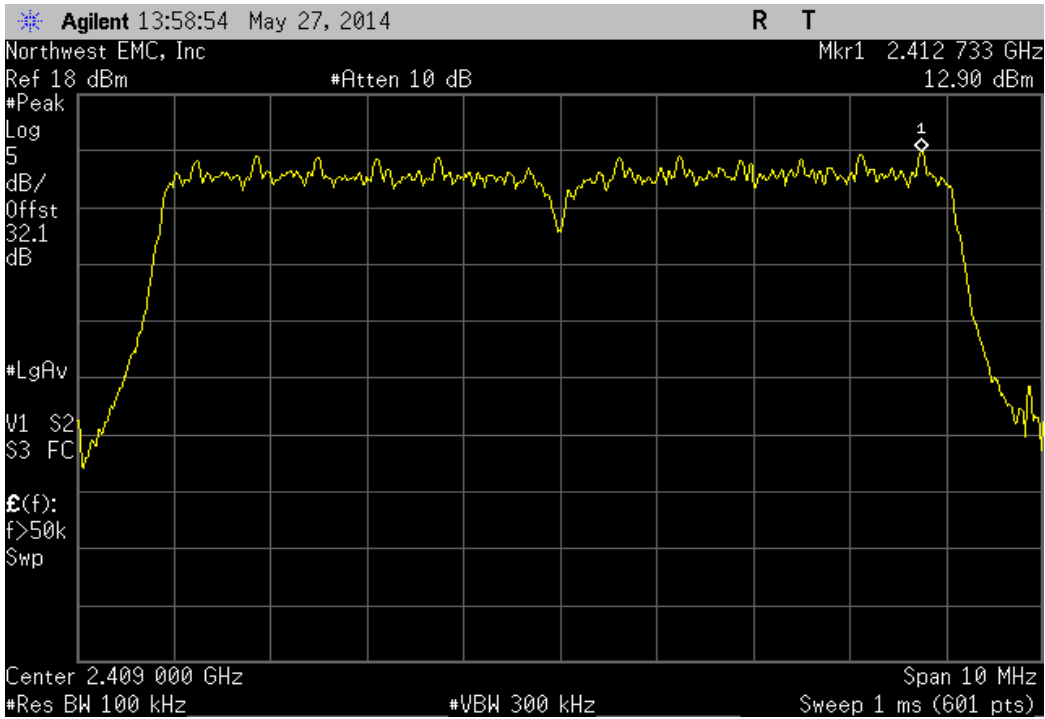
2400 MHz - 2483.5 MHz Band, 10MHz Bandwidth , Modulation Type, QPSK., Mid Channel 2439 MHz						
	Value	dBm/100kHz	Value	Limit		
	dBm/100kHz	To dBm/3kHz	dBm/3kHz	dBm/3kHz	Result	
	14.115	-15.2	-1.085	8	Pass	



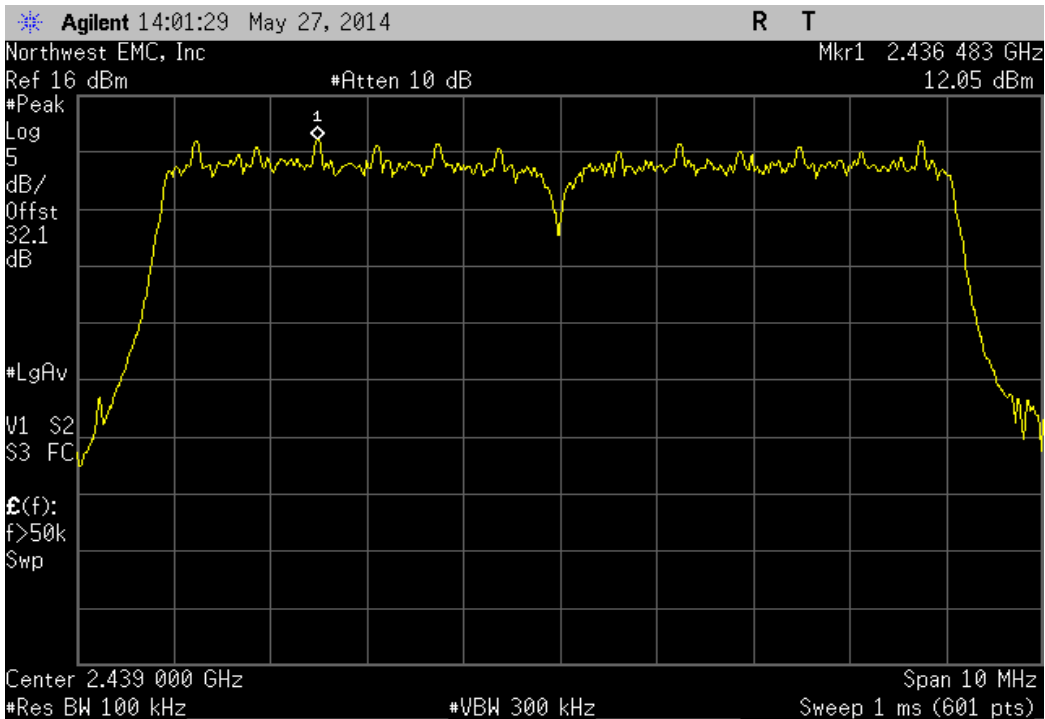
2400 MHz - 2483.5 MHz Band, 10MHz Bandwidth , Modulation Type, QPSK., High Channel 2464 MHz						
	Value	dBm/100kHz	Value	Limit		
	dBm/100kHz	To dBm/3kHz	dBm/3kHz	dBm/3kHz	Result	
	13.824	-15.2	-1.376	8	Pass	



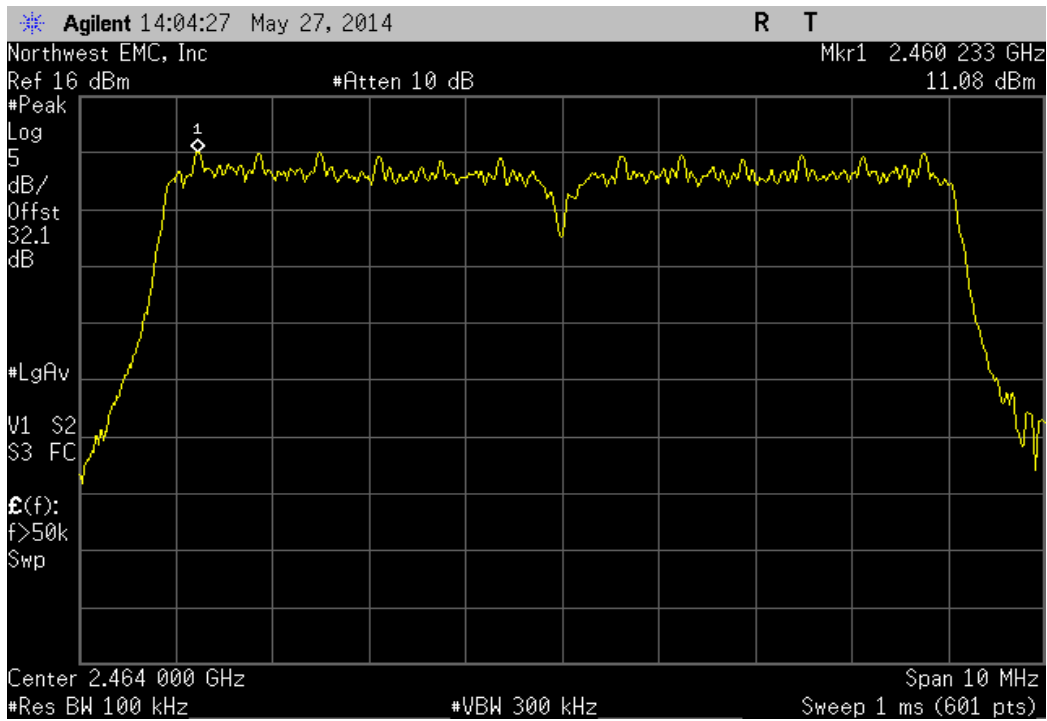
2400 MHz - 2483.5 MHz Band, 10MHz Bandwidth , Modulation Type, BPSK, Coding Rate, 1/2, Low Channel 2409 MHz						
	Value	dBm/100kHz	Value	Limit		
	dBm/100kHz	To dBm/3kHz	dBm/3kHz	dBm/3kHz	Result	
	12.904	-15.2	-2.296	8	Pass	



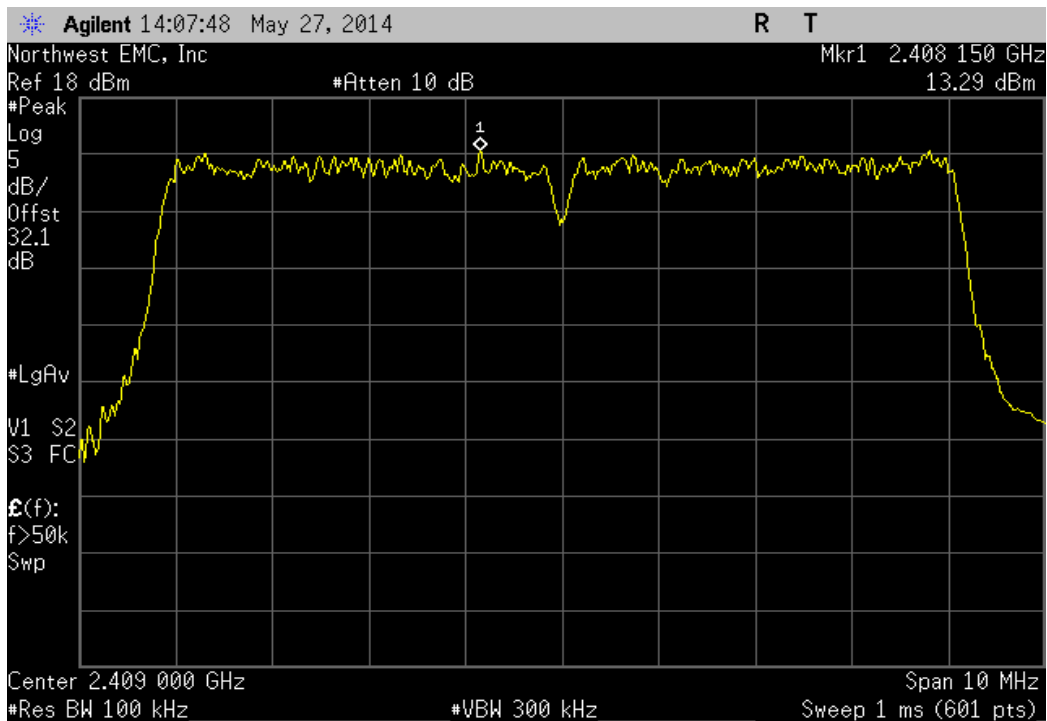
2400 MHz - 2483.5 MHz Band, 10MHz Bandwidth , Modulation Type, BPSK, Coding Rate, 1/2, Mid Channel 2439 MHz						
	Value	dBm/100kHz	Value	Limit		
	dBm/100kHz	To dBm/3kHz	dBm/3kHz	dBm/3kHz	Result	
	12.048	-15.2	-3.152	8	Pass	



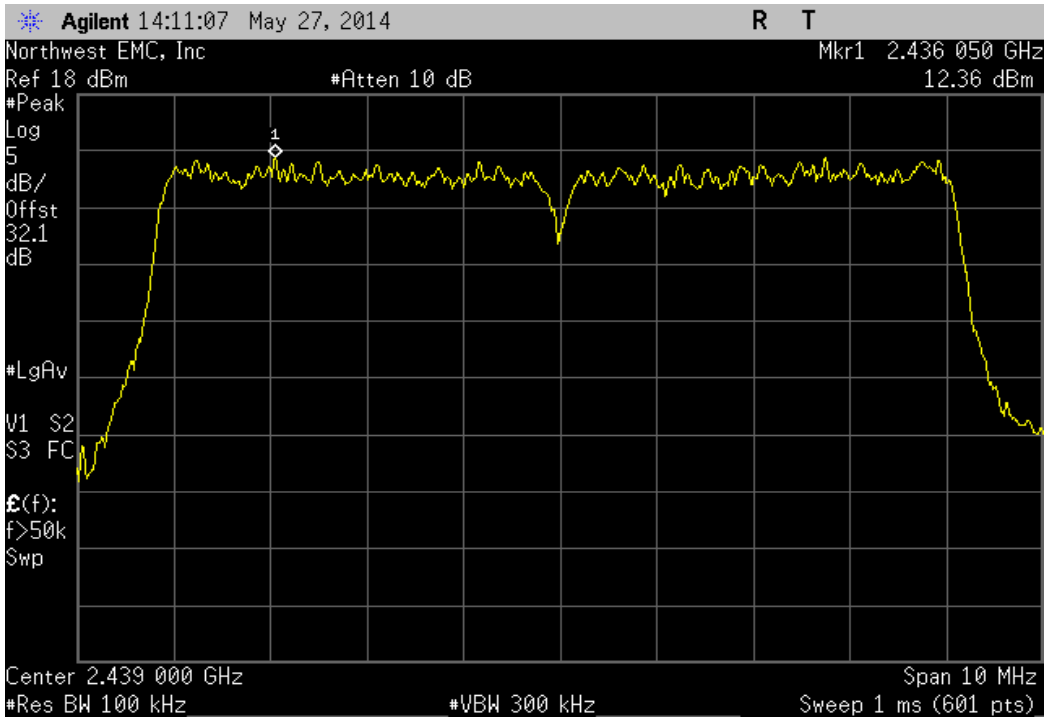
2400 MHz - 2483.5 MHz Band, 10MHz Bandwidth, Modulation Type, BPSK, Coding Rate, 1/2, High Channel 2464 MHz						
	Value	dBm/100kHz	Value	Limit		
	dBm/100kHz	To dBm/3kHz	dBm/3kHz	dBm/3kHz	Result	
	11.083	-15.2	-4.117	8	Pass	



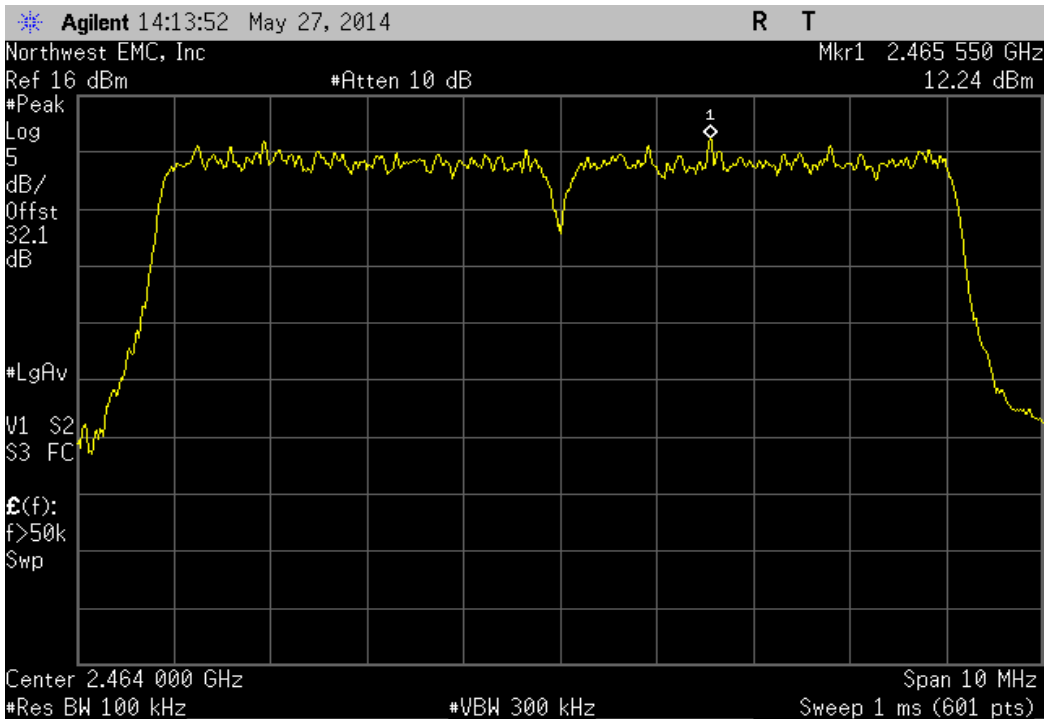
2400 MHz - 2483.5 MHz Band, 10MHz Bandwidth, Modulation Type, 16-QAM, Coding Rate, 3/4, Low Channel 2409 MHz						
	Value	dBm/100kHz	Value	Limit		
	dBm/100kHz	To dBm/3kHz	dBm/3kHz	dBm/3kHz	Result	
	13.292	-15.2	-1.908	8	Pass	



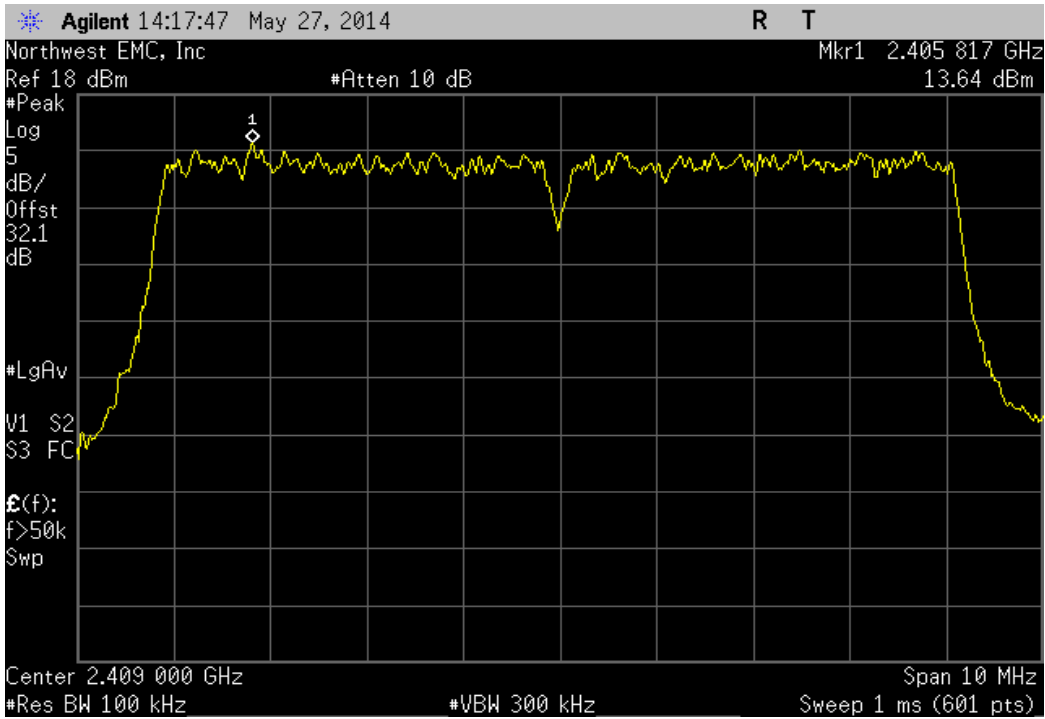
2400 MHz - 2483.5 MHz Band, 10MHz Bandwidth , Modulation Type, 16-QAM, Coding Rate, 3/4., Mid Channel 2439 MHz						
	Value	dBm/100kHz	Value	Limit		
	dBm/100kHz	To dBm/3kHz	dBm/3kHz	dBm/3kHz	Result	
	12.358	-15.2	-2.842	8	Pass	



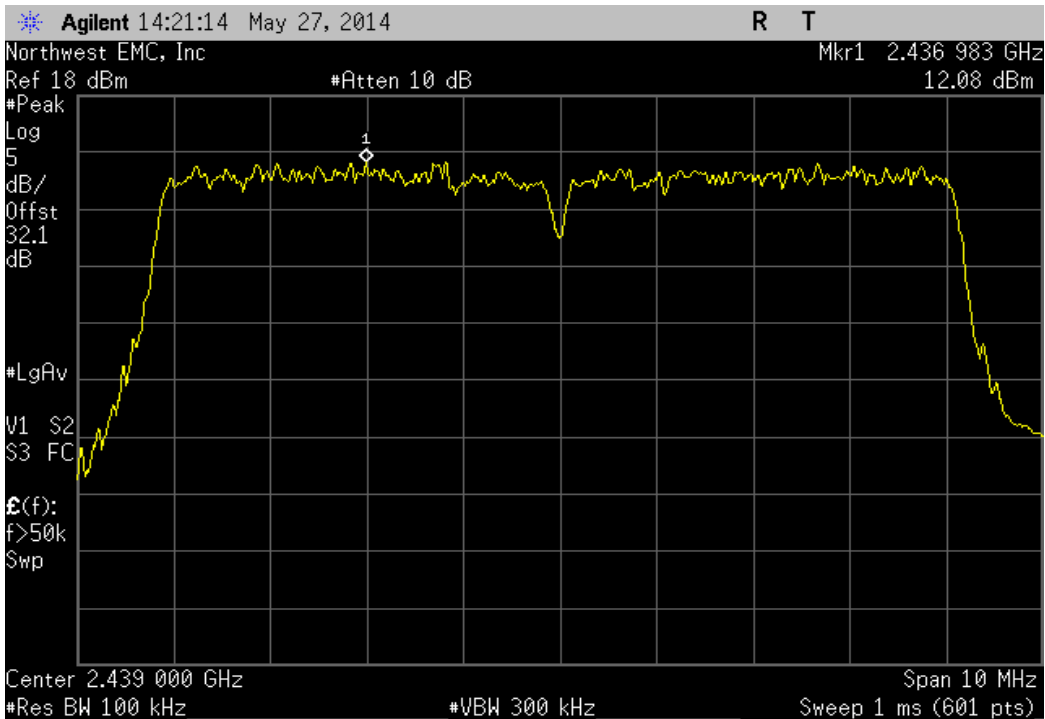
2400 MHz - 2483.5 MHz Band, 10MHz Bandwidth , Modulation Type, 16-QAM, Coding Rate, 3/4., High Channel 2464 MHz						
	Value	dBm/100kHz	Value	Limit		
	dBm/100kHz	To dBm/3kHz	dBm/3kHz	dBm/3kHz	Result	
	12.24	-15.2	-2.96	8	Pass	



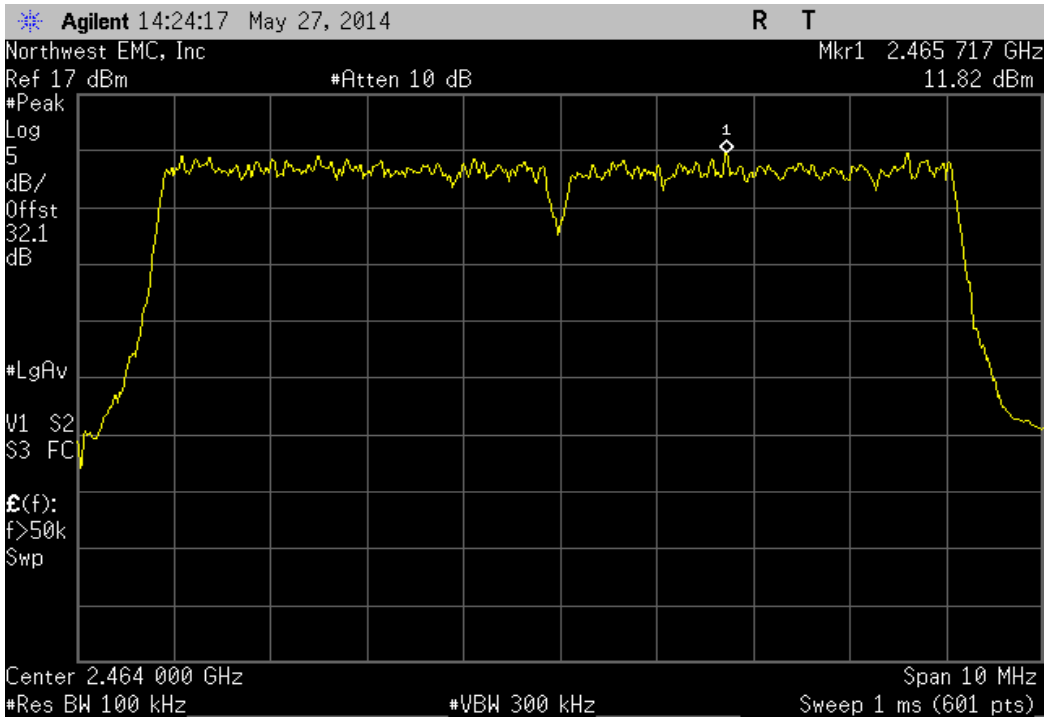
2400 MHz - 2483.5 MHz Band, 10MHz Bandwidth , Modulation Type, 64-QAM, Coding Rate, 3/4., Low Channel 2409 MHz						
	Value	dBm/100kHz	Value	Limit		
	dBm/100kHz	To dBm/3kHz	dBm/3kHz	dBm/3kHz	Result	
	13.635	-15.2	-1.565	8	Pass	



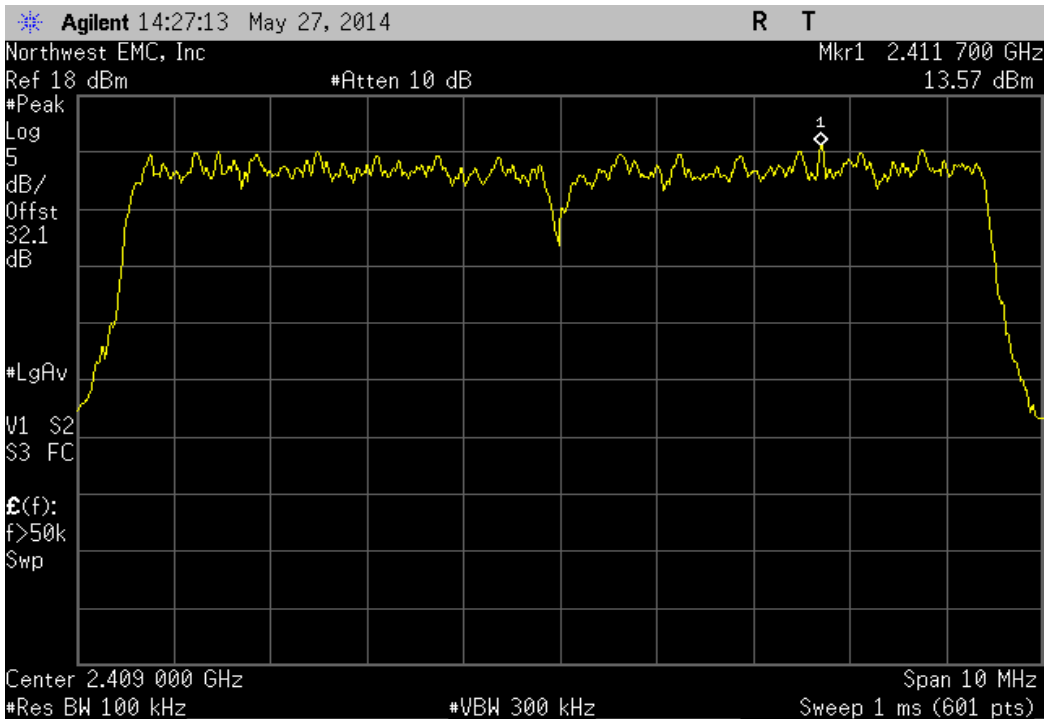
2400 MHz - 2483.5 MHz Band, 10MHz Bandwidth , Modulation Type, 64-QAM, Coding Rate, 3/4., Mid Channel 2439 MHz						
	Value	dBm/100kHz	Value	Limit		
	dBm/100kHz	To dBm/3kHz	dBm/3kHz	dBm/3kHz	Result	
	12.077	-15.2	-3.123	8	Pass	



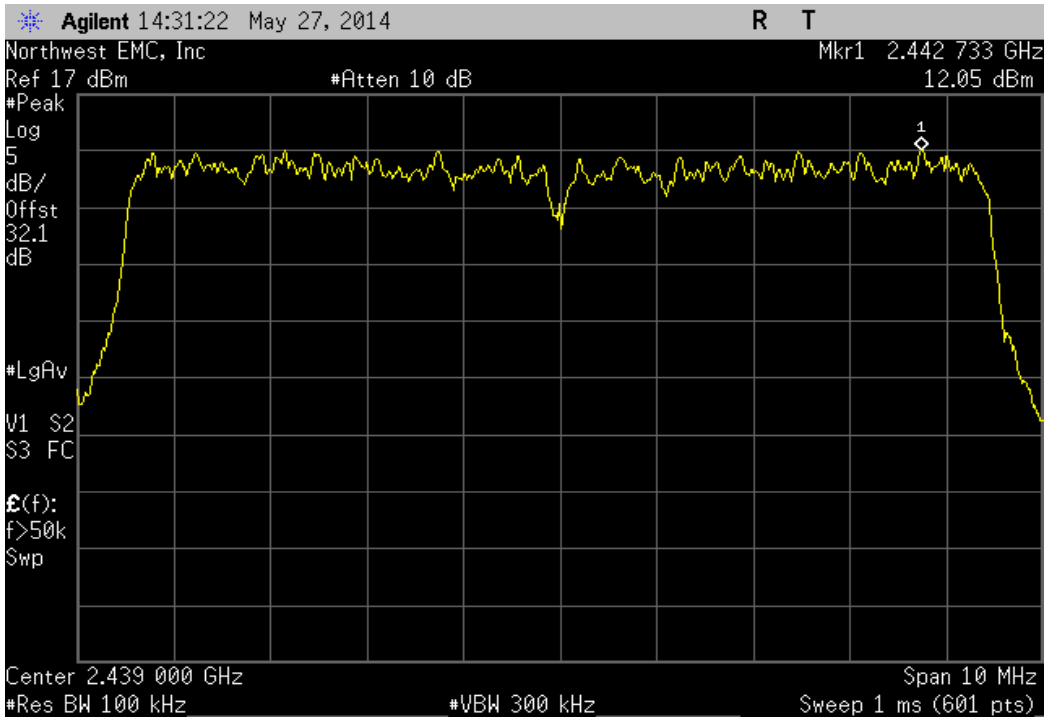
2400 MHz - 2483.5 MHz Band, 10MHz Bandwidth , Modulation Type, 64-QAM, Coding Rate, 3/4., High Channel 2464 MHz						
	Value	dBm/100kHz	Value	Limit		
	dBm/100kHz	To dBm/3kHz	dBm/3kHz	dBm/3kHz	Result	
	11.823	-15.2	-3.377	8	Pass	



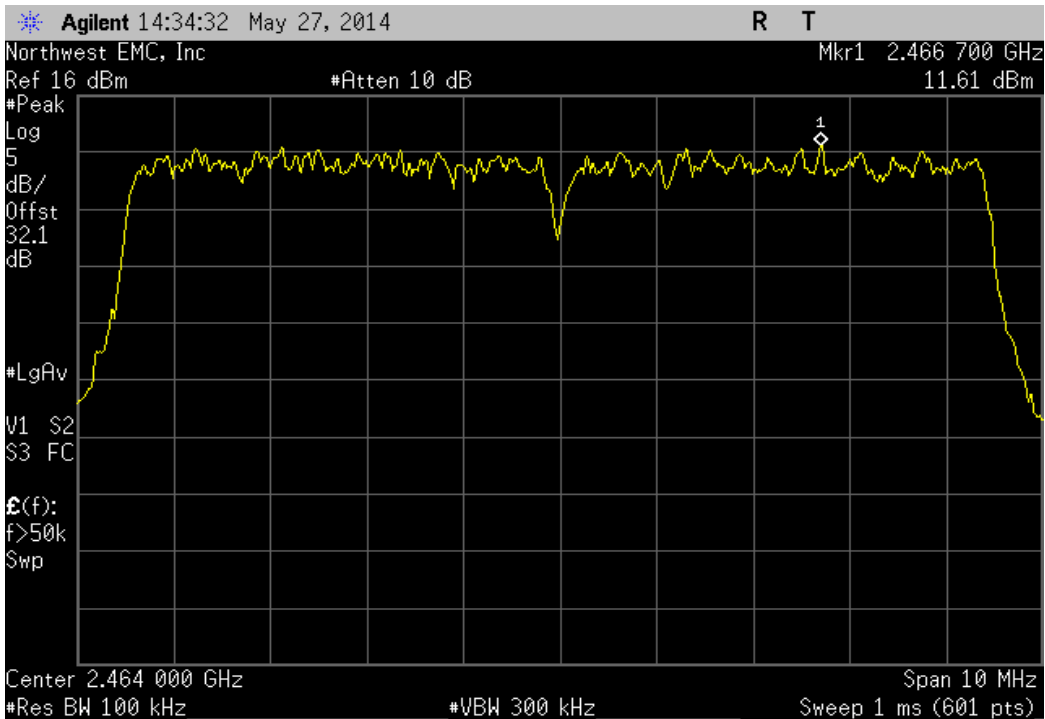
2400 MHz - 2483.5 MHz Band, 10MHz Bandwidth , Modulation Type, BPSK, Coding Rate, 1/2., Low Channel 2409 MHz						
	Value	dBm/100kHz	Value	Limit		
	dBm/100kHz	To dBm/3kHz	dBm/3kHz	dBm/3kHz	Result	
	13.57	-15.2	-1.63	8	Pass	



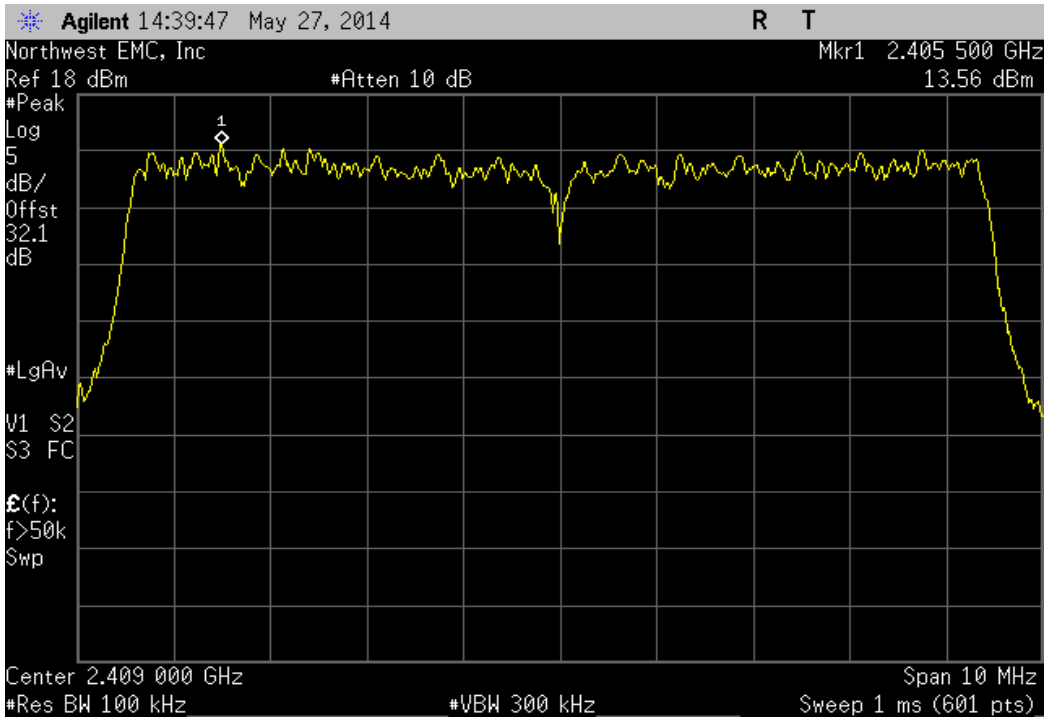
2400 MHz - 2483.5 MHz Band, 10MHz Bandwidth , Modulation Type, BPSK, Coding Rate, 1/2. , Mid Channel 2439 MHz						
	Value	dBm/100kHz	Value	Limit		
	dBm/100kHz	To dBm/3kHz	dBm/3kHz	dBm/3kHz	Result	
	12.051	-15.2	-3.149	8	Pass	



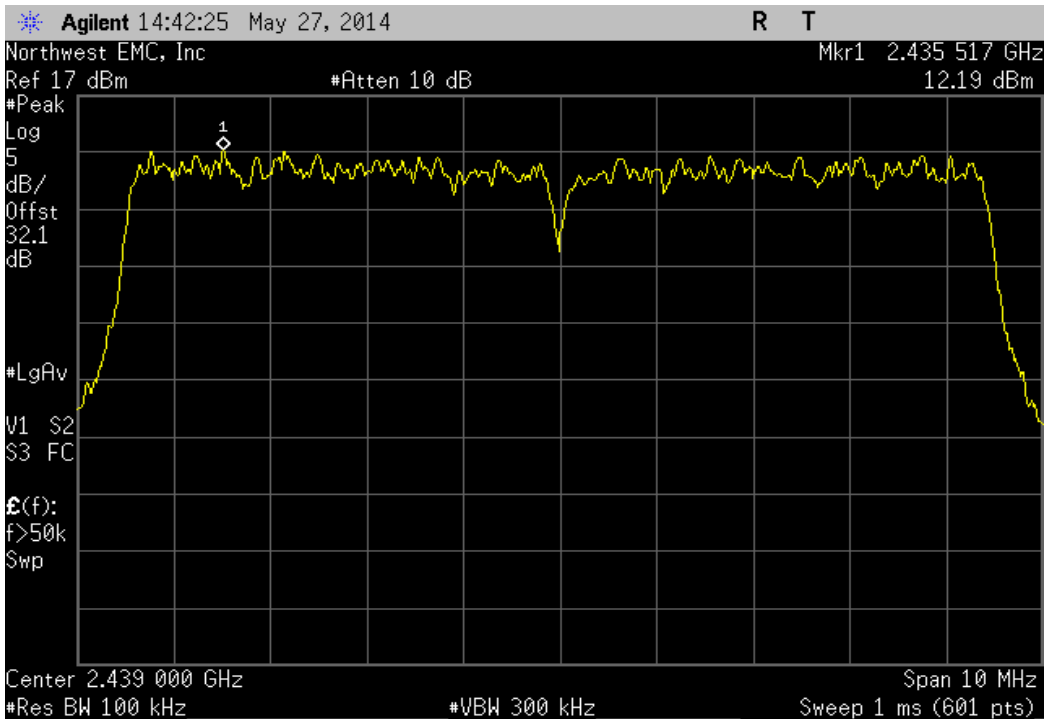
2400 MHz - 2483.5 MHz Band, 10MHz Bandwidth , Modulation Type, BPSK, Coding Rate, 1/2. , High Channel 2464 MHz						
	Value	dBm/100kHz	Value	Limit		
	dBm/100kHz	To dBm/3kHz	dBm/3kHz	dBm/3kHz	Result	
	11.61	-15.2	-3.59	8	Pass	



2400 MHz - 2483.5 MHz Band, 10MHz Bandwidth , Modulation Type, 64-QAM, Coding Rate, 5/6., Low Channel 2409 MHz						
	Value	dBm/100kHz	Value	Limit		
	dBm/100kHz	To dBm/3kHz	dBm/3kHz	dBm/3kHz	Result	
	13.563	-15.2	-1.637	8	Pass	

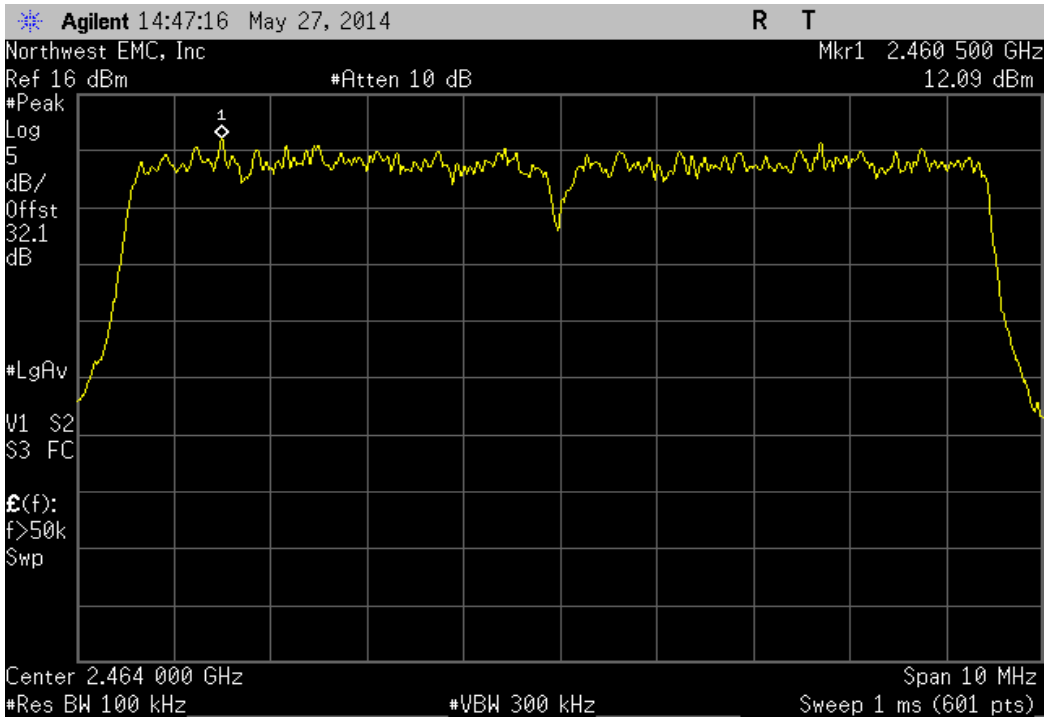


2400 MHz - 2483.5 MHz Band, 10MHz Bandwidth , Modulation Type, 64-QAM, Coding Rate, 5/6., Mid Channel 2439 MHz						
	Value	dBm/100kHz	Value	Limit		
	dBm/100kHz	To dBm/3kHz	dBm/3kHz	dBm/3kHz	Result	
	12.19	-15.2	-3.01	8	Pass	



2400 MHz - 2483.5 MHz Band, 10MHz Bandwidth , Modulation Type, 64-QAM, Coding Rate, 5/6., High Channel 2464 MHz

	Value dBm/100kHz	dBm/100kHz To dBm/3kHz	Value dBm/3kHz	Limit dBm/3kHz	Result
	12.092	-15.2	-3.108	8	Pass



POWER SPECTRAL DENSITY - 2x2 MIMO

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
40GHz DC Block	Miteq	DCB4000	AMD	4/28/2014	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 6 dB, SMA M/F 26GHz	S.M. Electronics	SA26B-6	AUX	7/30/2013	12
Power Meter	Agilent	N1913A	SQR	4/29/2013	36
Power Sensor	Agilent	E9300H	SQO	4/29/2013	36
Spectrum Analyzer	Agilent	E4446A	AAQ	1/21/2014	24
MXG MW Analog Signal Generator 40 Gig	Agilent	N5183A	TID	9/19/2011	36

TEST DESCRIPTION

The maximum power spectral density measurements were measured with the EUT set to the required transmit frequencies in each band. The measurement was made using a direct connection between the RF output of the EUT and the spectrum analyzer. The EUT was transmitting at the lowest, middle, and maximum data rate for each modulation type available.

Per the procedure outlined in FCC KDB 558074 D01 DTS Measurement Section 5.3.1, the spectrum analyzer was used as follows:

- RBW = 100 kHz
- VBW = 300 kHz
- Detector = Peak (to match method used for power measurement)
- Trace = Max hold

The observed power level is then scaled to an equivalent value in 3 kHz by adding a Bandwidth Correction Factor (BWCF) where:

$$BWCF = 10 \cdot \text{LOG} (3 \text{ kHz} / 100 \text{ kHz}) = -15.2 \text{ dB}$$

For 2x2 MIMO mode of operation, per FCC KDB 662911 (D01 Multiple Transmitter Output v02r01), the summed power spectral density value was calculated by adding the value of $10 \cdot \text{LOG}(n\text{Ant})\text{dB}$ to each of the single port measurement while operating in the MIMO mode. The resulting value to be added to a three antenna system is $10 \cdot \text{LOG}(2) = 3 \text{ dB}$



POWER SPECTRAL DENSITY - 2x2 MIMO

XMit 2014.02.07
PsaTx 2014.04.01

EUT: WavePoint 10e Industrial Wireless Router (W2400-01)	Work Order: FREW0026
Serial Number: 135268908	Date: 05/29/14
Customer: FreeWave Technologies, Inc.	Temperature: 22°C
Attendees: Dean Busch	Humidity: 36%
Project: None	Barometric Pres.: 1022
Tested by: Brandon Hobbs, Jared Ison	Power: 12 VDC
	Job Site: EV06
TEST SPECIFICATIONS	
FCC 15.247:2014	Test Method: ANSI C63.10:2009

COMMENTS
An additional 10dB 5watt attenuator was used inline for all measurements made while under test. Please reference the power levels for this test in the power level table.

DEVIATIONS FROM TEST STANDARD
None

Configuration #	1	Signature 
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	Value	dBm/100kHz	Value	Limit	Result
	dBm/100kHz	To dBm/3kHz	dBm/3kHz	dBm/3kHz	

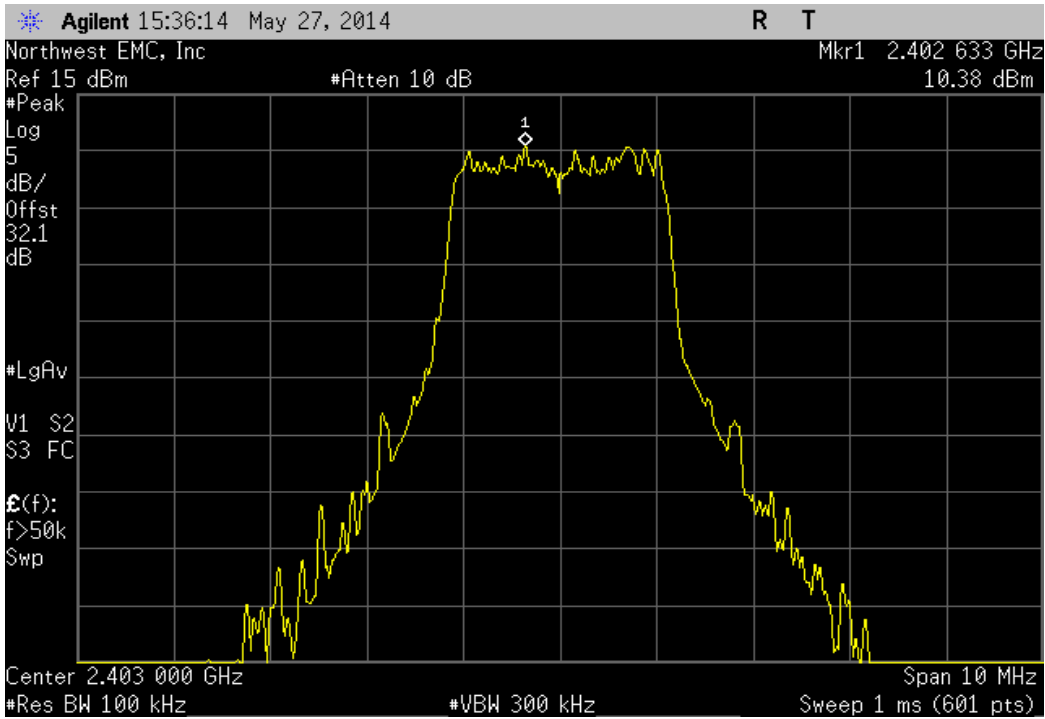
Chain 1					
2400 MHz - 2483.5 MHz Band					
2.5MHz Bandwidth					
2x2 Modulation Type, BPSK, Coding Rate, 1/2.					
Low Channel 2403 MHz	10.382	-15.2	-4.818	8	Pass
Mid Channel 2435 MHz	8.341	-15.2	-6.859	8	Pass
High Channel 2470 MHz	7.204	-15.2	-7.996	8	Pass
2x2 Modulation Type, 64-QAM, Coding Rate, 5/6.					
Low Channel 2403 MHz	8.82	-15.2	-6.38	8	Pass
Mid Channel 2435 MHz	7.326	-15.2	-7.874	8	Pass
High Channel 2470 MHz	6.129	-15.2	-9.071	8	Pass
5MHz Bandwidth					
2x2 Modulation Type, BPSK, Coding Rate, 1/2.					
Low Channel 2406 MHz	4.89	-15.2	-10.31	8	Pass
Mid Channel 2436 MHz	4.297	-15.2	-10.903	8	Pass
High Channel 2466 MHz	3.546	-15.2	-11.654	8	Pass
2x2 Modulation Type, 64-QAM, Coding Rate, 5/6.					
Low Channel 2406 MHz	4.152	-15.2	-11.048	8	Pass
Mid Channel 2436 MHz	2.878	-15.2	-12.322	8	Pass
High Channel 2466 MHz	1.893	-15.2	-13.307	8	Pass
10MHz Bandwidth					
2x2 Modulation Type, BPSK, Coding Rate, 1/2.					
Low Channel 2409 MHz	12.722	-15.2	-2.478	8	Pass
Mid Channel 2439 MHz	11.517	-15.2	-3.683	8	Pass
High Channel 2464 MHz	10.925	-15.2	-4.275	8	Pass
2x2 Modulation Type, 64-QAM, Coding Rate, 5/6.					
Low Channel 2409 MHz	12.539	-15.2	-2.661	8	Pass
Mid Channel 2439 MHz	11.661	-15.2	-3.539	8	Pass
High Channel 2464 MHz	11.108	-15.2	-4.092	8	Pass

Chain 2					
2400 MHz - 2483.5 MHz Band					
2.5MHz Bandwidth					
2x2 Modulation Type, BPSK, Coding Rate, 1/2.					
Low Channel 2403 MHz	6.426	-15.2	-8.774	8	Pass
Mid Channel 2435 MHz	6.207	-15.2	-8.993	8	Pass
High Channel 2470 MHz	6.361	-15.2	-8.839	8	Pass
2x2 Modulation Type, 64-QAM, Coding Rate, 5/6.					
Low Channel 2403 MHz	7.233	-15.2	-7.967	8	Pass
Mid Channel 2435 MHz	5.22	-15.2	-9.98	8	Pass
High Channel 2470 MHz	5.093	-15.2	-10.107	8	Pass
5MHz Bandwidth					
2x2 Modulation Type, BPSK, Coding Rate, 1/2.					
Low Channel 2406 MHz	3.693	-15.2	-11.507	8	Pass
Mid Channel 2436 MHz	3.396	-15.2	-11.804	8	Pass
High Channel 2466 MHz	2.894	-15.2	-12.306	8	Pass
2x2 Modulation Type, 64-QAM, Coding Rate, 5/6.					
Low Channel 2406 MHz	3.126	-15.2	-12.074	8	Pass
Mid Channel 2436 MHz	2.094	-15.2	-13.106	8	Pass
High Channel 2466 MHz	1.333	-15.2	-13.867	8	Pass
10MHz Bandwidth					
2x2 Modulation Type, BPSK, Coding Rate, 1/2.					
Low Channel 2409 MHz	11.801	-15.2	-3.399	8	Pass
Mid Channel 2439 MHz	11.342	-15.2	-3.858	8	Pass
High Channel 2464 MHz	10.864	-15.2	-4.336	8	Pass
2x2 Modulation Type, 64-QAM, Coding Rate, 5/6.					
Low Channel 2409 MHz	12.383	-15.2	-2.817	8	Pass
Mid Channel 2439 MHz	11.086	-15.2	-4.114	8	Pass
High Channel 2464 MHz	10.849	-15.2	-4.351	8	Pass

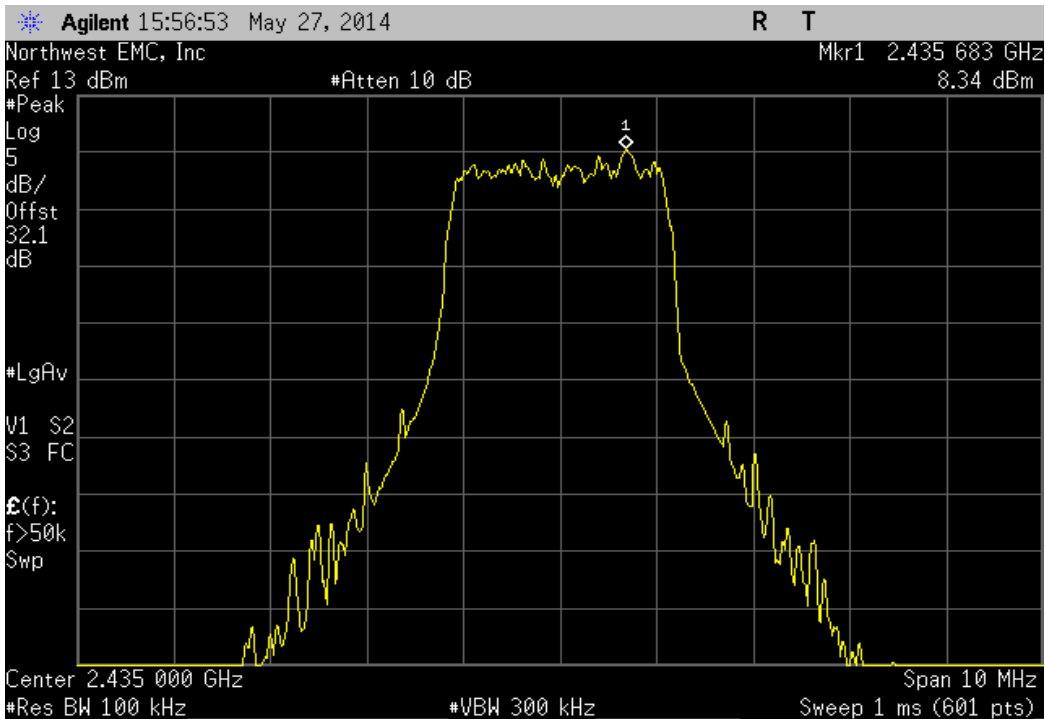
Chain 1 Summing							
2400 MHz - 2483.5 MHz Band							
2.5MHz Bandwidth							
2x2 Modulation Type, BPSK, Coding Rate, 1/2.							
	Value	Summing Factor	dBm/100kHz	Summed Power	Limit	Results	
	(dBm/MHz)	(dBm)	To dBm/3kHz	(dBm/MHz)	(dBm/MHz)		
Low Channel 2403 MHz	10.382	3	-15.2	-1.818	8	Pass	
Mid Channel 2435 MHz	8.341	3	-15.2	-3.859	8	Pass	
High Channel 2470 MHz	7.204	3	-15.2	-4.996	8	Pass	
2x2 Modulation Type, 64-QAM, Coding Rate, 5/6.							
Low Channel 2406 MHz	8.82	3	-15.2	-3.38	8	Pass	
Mid Channel 2436 MHz	7.326	3	-15.2	-4.874	8	Pass	
High Channel 2466 MHz	6.129	3	-15.2	-6.071	8	Pass	
5MHz Bandwidth							
2x2 Modulation Type, BPSK, Coding Rate, 1/2.							
Low Channel 2406 MHz	4.89	3	-15.2	-7.31	8	Pass	
Mid Channel 2436 MHz	4.297	3	-15.2	-7.903	8	Pass	
High Channel 2466 MHz	3.546	3	-15.2	-8.654	8	Pass	
2x2 Modulation Type, 64-QAM, Coding Rate, 5/6.							
Low Channel 2406 MHz	4.152	3	-15.2	-8.048	8	Pass	
Mid Channel 2436 MHz	2.878	3	-15.2	-9.322	8	Pass	

	High Channel 2466 MHz	1.893	3	-15.2	-10.307	8	Pass
10MHz Bandwidth							
	2x2 Modulation Type, BPSK, Coding Rate, 1/2.						
	Low Channel 2409 MHz	12.722	3	-15.2	0.522	8	Pass
	Mid Channel 2439 MHz	11.517	3	-15.2	-0.683	8	Pass
	High Channel 2464 MHz	10.925	3	-15.2	-1.275	8	Pass
	2x2 Modulation Type, 64-QAM, Coding Rate, 5/6.						
	Low Channel 2409 MHz	12.539	3	-15.2	0.339	8	Pass
	Mid Channel 2439 MHz	11.661	3	-15.2	-0.539	8	Pass
	High Channel 2464 MHz	11.108	3	-15.2	-1.092	8	Pass
Chain 2 Summing							
2400 MHz - 2483.5 MHz Band							
	2.5MHz Bandwidth						
	2x2 Modulation Type, BPSK, Coding Rate, 1/2.						
	Low Channel 2406 MHz	6.426	3	-15.2	-5.774	8	Pass
	Mid Channel 2436 MHz	6.207	3	-15.2	-5.993	8	Pass
	High Channel 2466 MHz	6.361	3	-15.2	-5.839	8	Pass
	2x2 Modulation Type, 64-QAM, Coding Rate, 5/6.						
	Low Channel 2406 MHz	7.233	3	-15.2	-4.967	8	Pass
	Mid Channel 2436 MHz	5.22	3	-15.2	-6.98	8	Pass
	High Channel 2466 MHz	5.093	3	-15.2	-7.107	8	Pass
	5MHz Bandwidth						
	2x2 Modulation Type, BPSK, Coding Rate, 1/2.						
	Low Channel 2406 MHz	3.693	3	-15.2	-8.507	8	Pass
	Mid Channel 2436 MHz	3.396	3	-15.2	-8.804	8	Pass
	High Channel 2466 MHz	2.894	3	-15.2	-9.306	8	Pass
	2x2 Modulation Type, 64-QAM, Coding Rate, 5/6.						
	Low Channel 2406 MHz	3.126	3	-15.2	-9.074	8	Pass
	Mid Channel 2436 MHz	2.094	3	-15.2	-10.106	8	Pass
	High Channel 2466 MHz	1.333	3	-15.2	-10.867	8	Pass
	10MHz Bandwidth						
	2x2 Modulation Type, BPSK, Coding Rate, 1/2.						
	Low Channel 2409 MHz	11.801	3	-15.2	-0.399	8	Pass
	Mid Channel 2439 MHz	11.342	3	-15.2	-0.858	8	Pass
	High Channel 2464 MHz	10.864	3	-15.2	-1.336	8	Pass
	2x2 Modulation Type, 64-QAM, Coding Rate, 5/6.						
	Low Channel 2409 MHz	12.383	3	-15.2	0.183	8	Pass
	Mid Channel 2439 MHz	11.086	3	-15.2	-1.114	8	Pass
	High Channel 2464 MHz	10.849	3	-15.2	-1.351	8	Pass

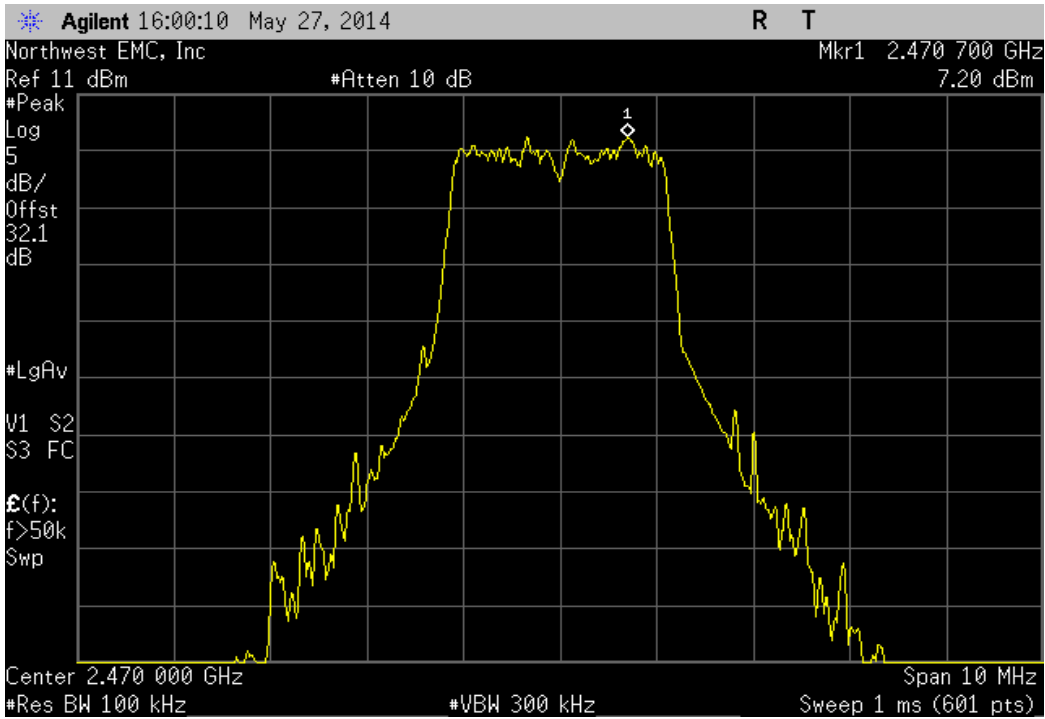
Chain A , 2400 MHz - 2483.5 MHz Band, 2.5MHz Bandwidth , 2x2 Modulation Type, BPSK, Coding Rate, 1/2., Low Channel 2403 MHz						
	Value	dBm/100kHz	Value	Limit		
	dBm/100kHz	To dBm/3kHz	dBm/3kHz	dBm/3kHz	Result	
	10.382	-15.2	-4.818	8	Pass	



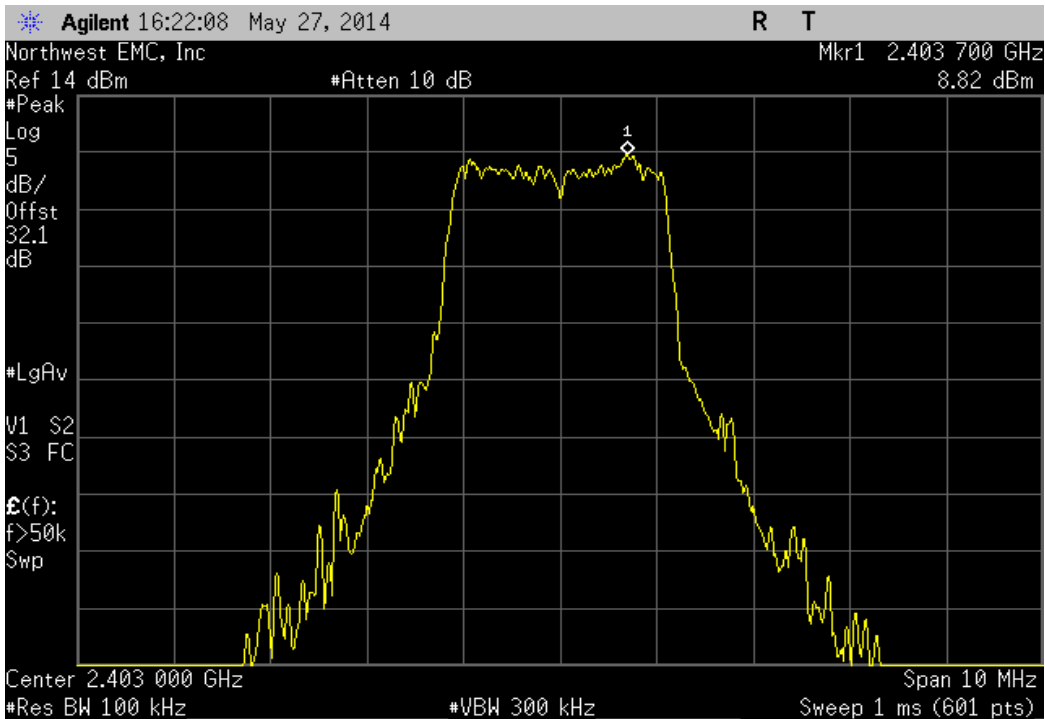
Chain A , 2400 MHz - 2483.5 MHz Band, 2.5MHz Bandwidth , 2x2 Modulation Type, BPSK, Coding Rate, 1/2., Mid Channel 2435 MHz						
	Value	dBm/100kHz	Value	Limit		
	dBm/100kHz	To dBm/3kHz	dBm/3kHz	dBm/3kHz	Result	
	8.341	-15.2	-6.859	8	Pass	



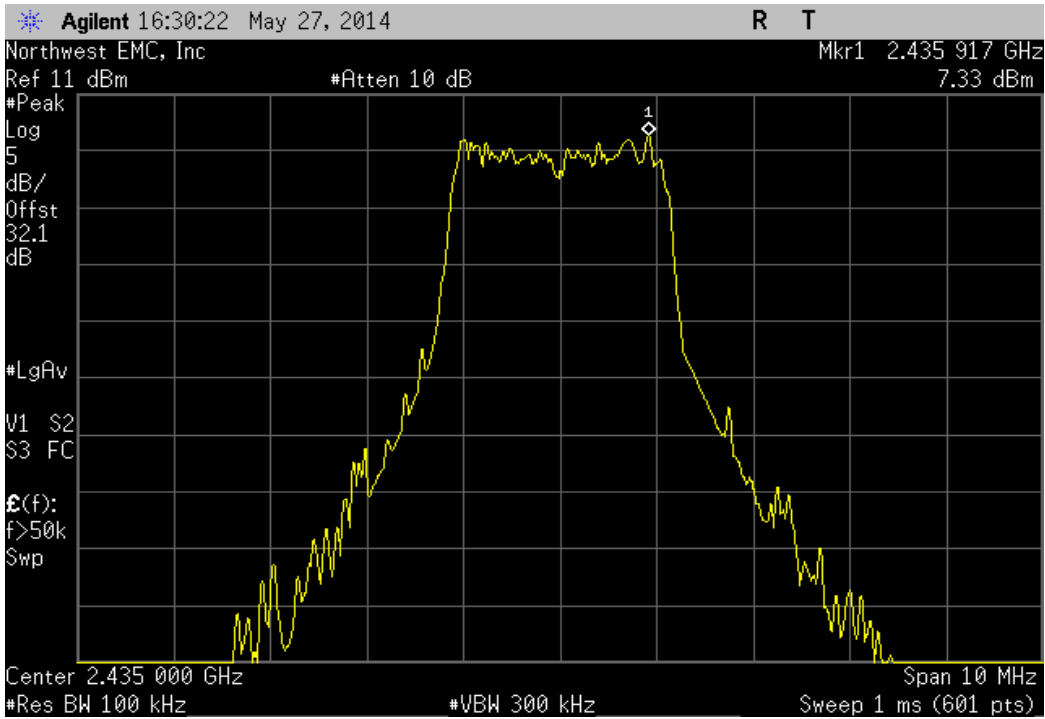
Chain A , 2400 MHz - 2483.5 MHz Band, 2.5MHz Bandwidth , 2x2 Modulation Type, BPSK, Coding Rate, 1/2., High Channel 2470 MHz						
	Value	dBm/100kHz	Value	Limit		
	dBm/100kHz	To dBm/3kHz	dBm/3kHz	dBm/3kHz	Result	
	7.204	-15.2	-7.996	8	Pass	



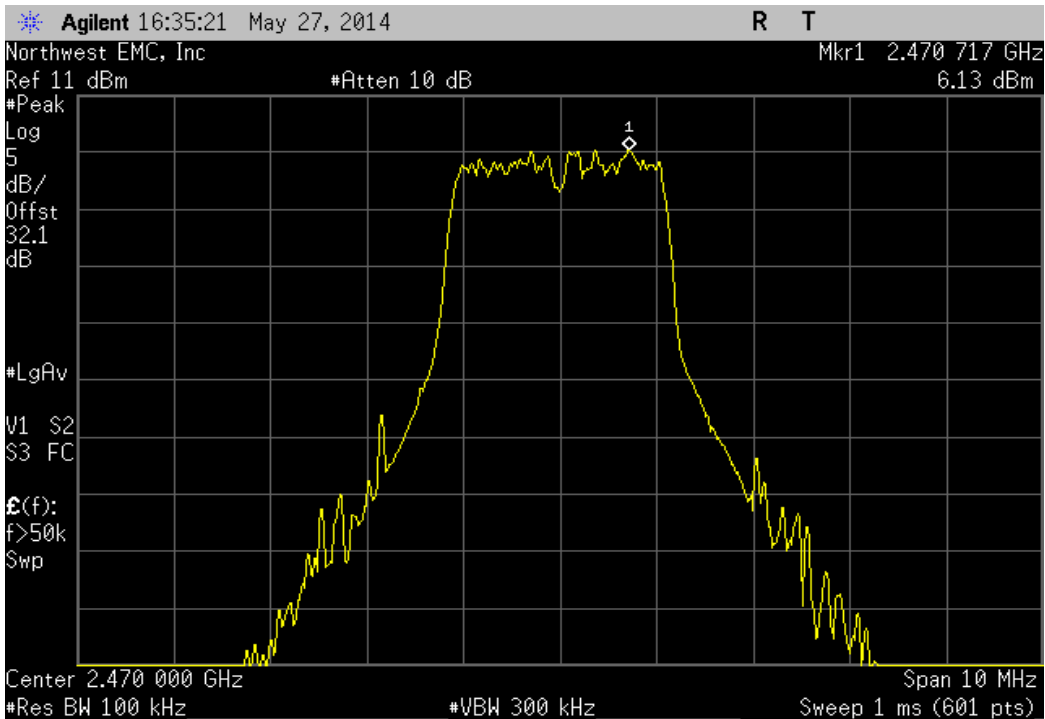
Chain A , 2400 MHz - 2483.5 MHz Band, 2.5MHz Bandwidth , 2x2 Modulation Type, 64-QAM, Coding Rate, 5/6., Low Channel 2403 MHz						
	Value	dBm/100kHz	Value	Limit		
	dBm/100kHz	To dBm/3kHz	dBm/3kHz	dBm/3kHz	Result	
	8.82	-15.2	-6.38	8	Pass	



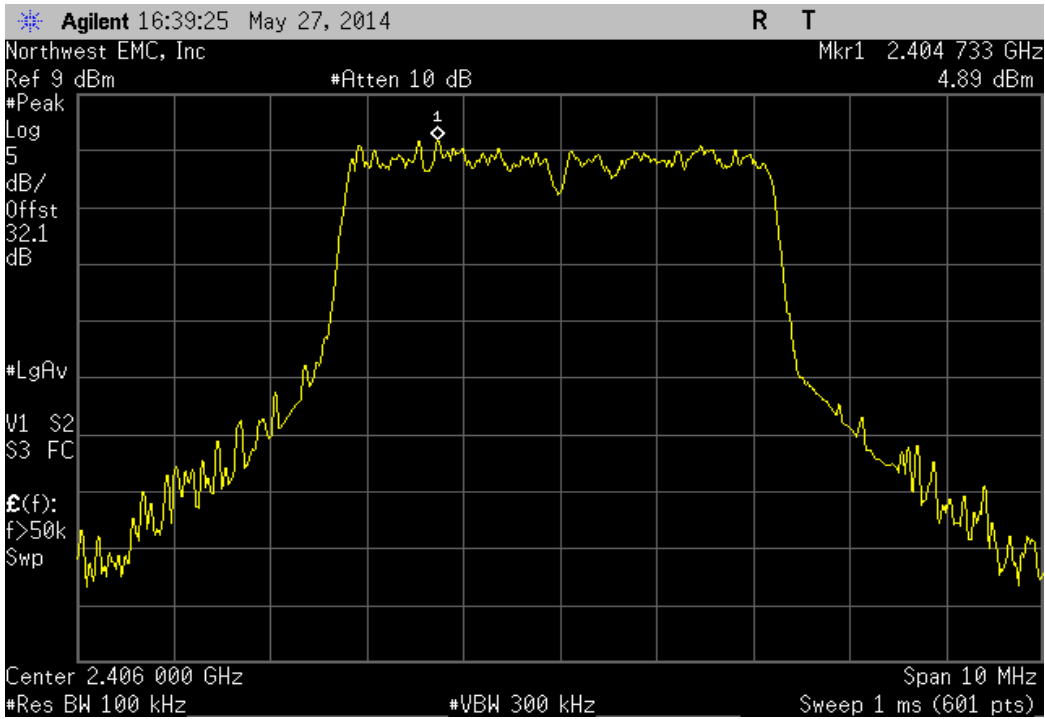
Chain A , 2400 MHz - 2483.5 MHz Band, 2.5MHz Bandwidth , 2x2 Modulation Type, 64-QAM, Coding Rate, 5/6., Mid Channel 2435 MHz						
	Value	dBm/100kHz	Value	Limit		
	dBm/100kHz	To dBm/3kHz	dBm/3kHz	dBm/3kHz	Result	
	7.326	-15.2	-7.874	8	Pass	



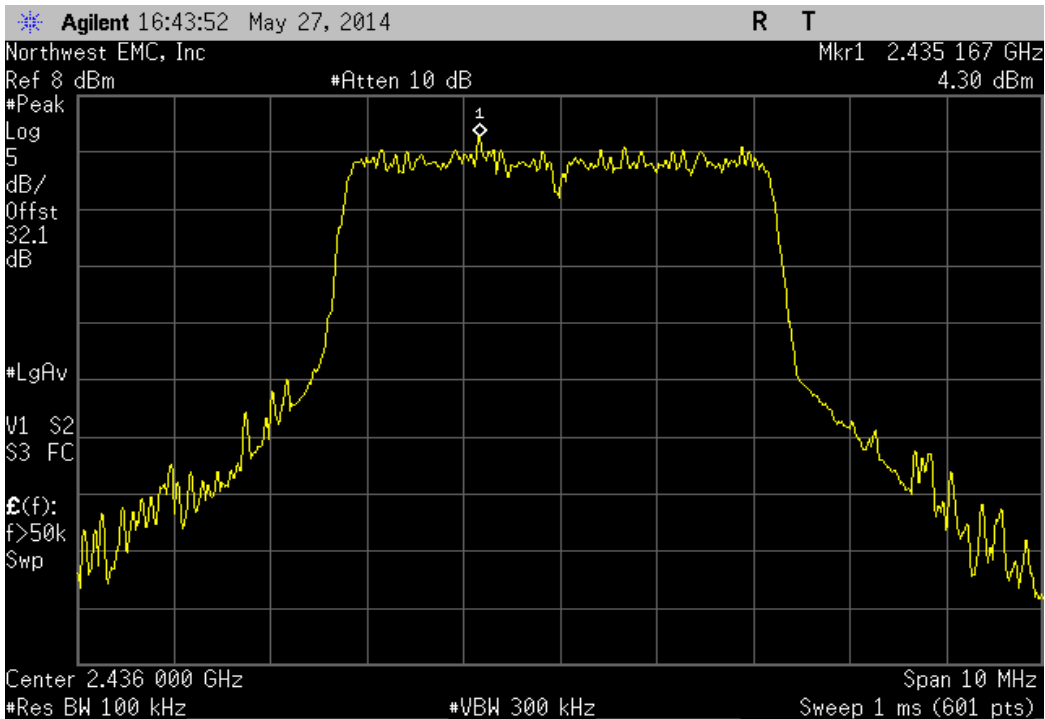
Chain A , 2400 MHz - 2483.5 MHz Band, 2.5MHz Bandwidth , 2x2 Modulation Type, 64-QAM, Coding Rate, 5/6., High Channel 2470 MHz						
	Value	dBm/100kHz	Value	Limit		
	dBm/100kHz	To dBm/3kHz	dBm/3kHz	dBm/3kHz	Result	
	6.129	-15.2	-9.071	8	Pass	



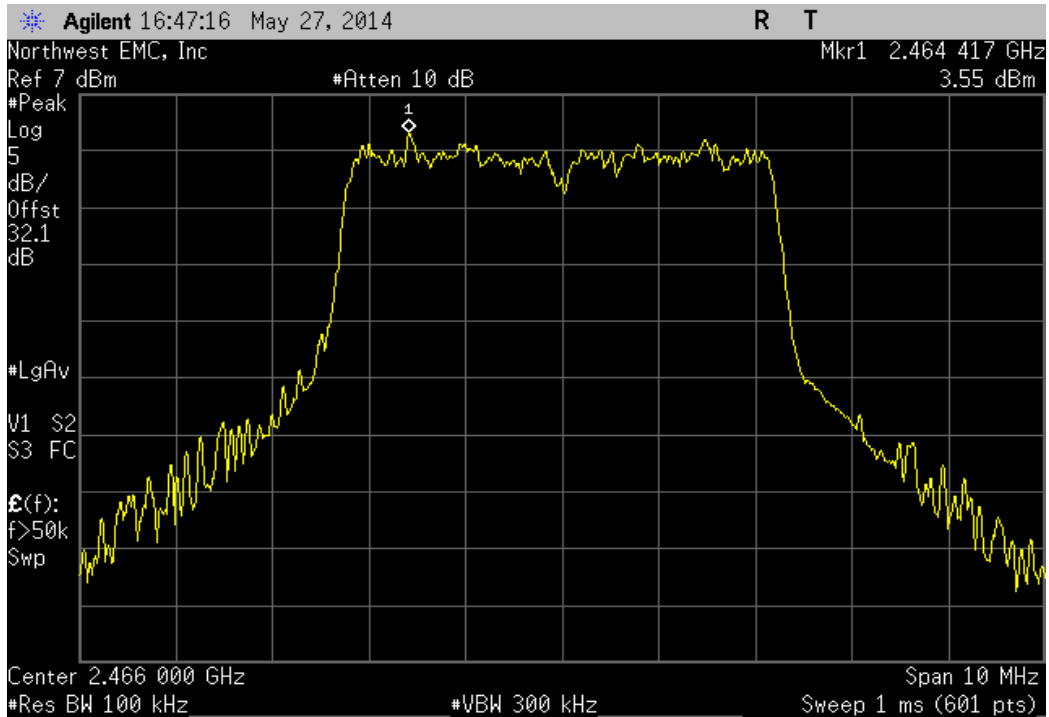
Chain A , 2400 MHz - 2483.5 MHz Band, 5MHz Bandwidth , 2x2 Modulation Type, BPSK, Coding Rate, 1/2., Low Channel 2406 MHz						
	Value	dBm/100kHz	Value	Limit		
	dBm/100kHz	To dBm/3kHz	dBm/3kHz	dBm/3kHz	Result	
	4.89	-15.2	-10.31	8	Pass	



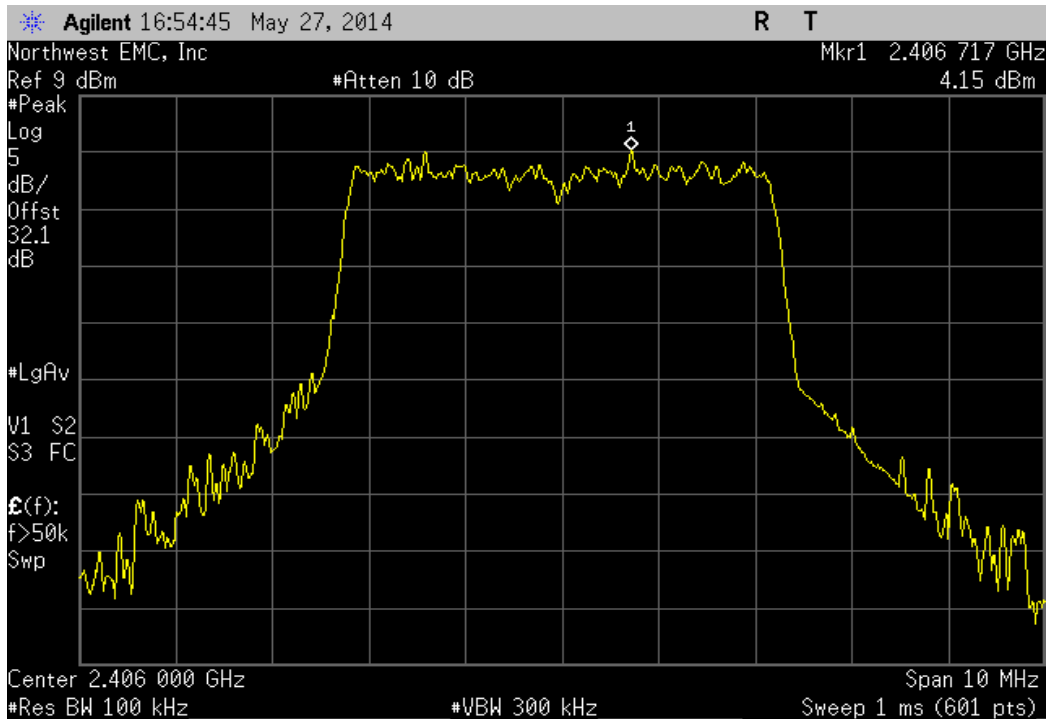
Chain A , 2400 MHz - 2483.5 MHz Band, 5MHz Bandwidth , 2x2 Modulation Type, BPSK, Coding Rate, 1/2., Mid Channel 2436 MHz						
	Value	dBm/100kHz	Value	Limit		
	dBm/100kHz	To dBm/3kHz	dBm/3kHz	dBm/3kHz	Result	
	4.297	-15.2	-10.903	8	Pass	



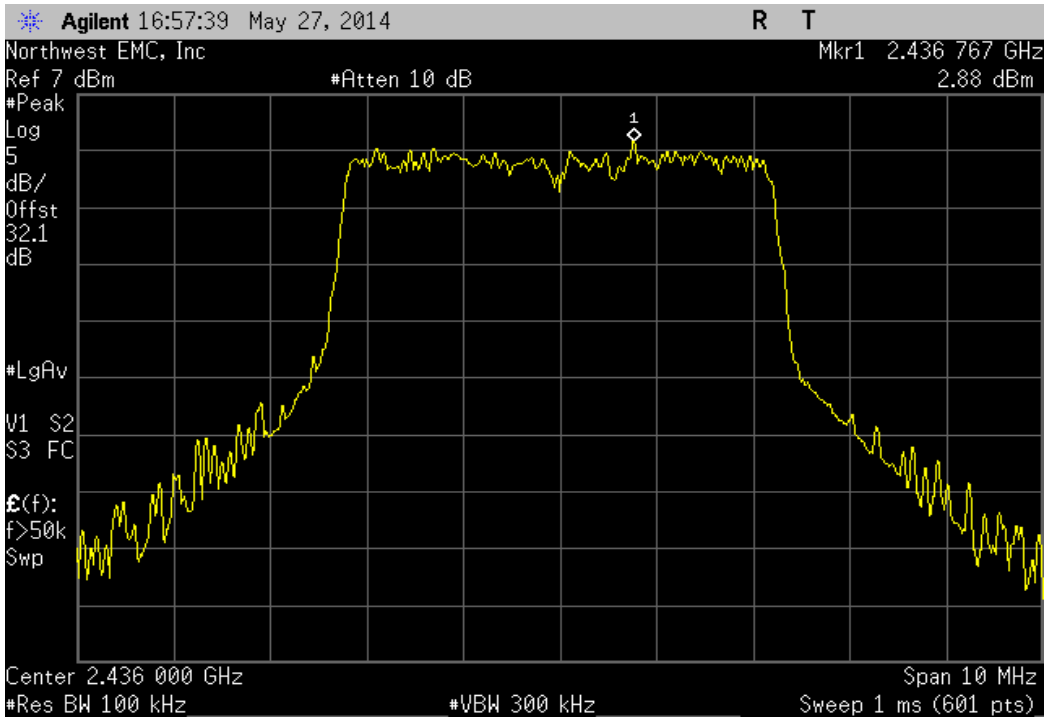
Chain A , 2400 MHz - 2483.5 MHz Band, 5MHz Bandwidth , 2x2 Modulation Type, BPSK, Coding Rate, 1/2., High Channel 2466 MHz						
	Value	dBm/100kHz	To dBm/3kHz	Value	Limit	Result
	dBm/100kHz			dBm/3kHz		
	3.546		-15.2	-11.654	8	Pass



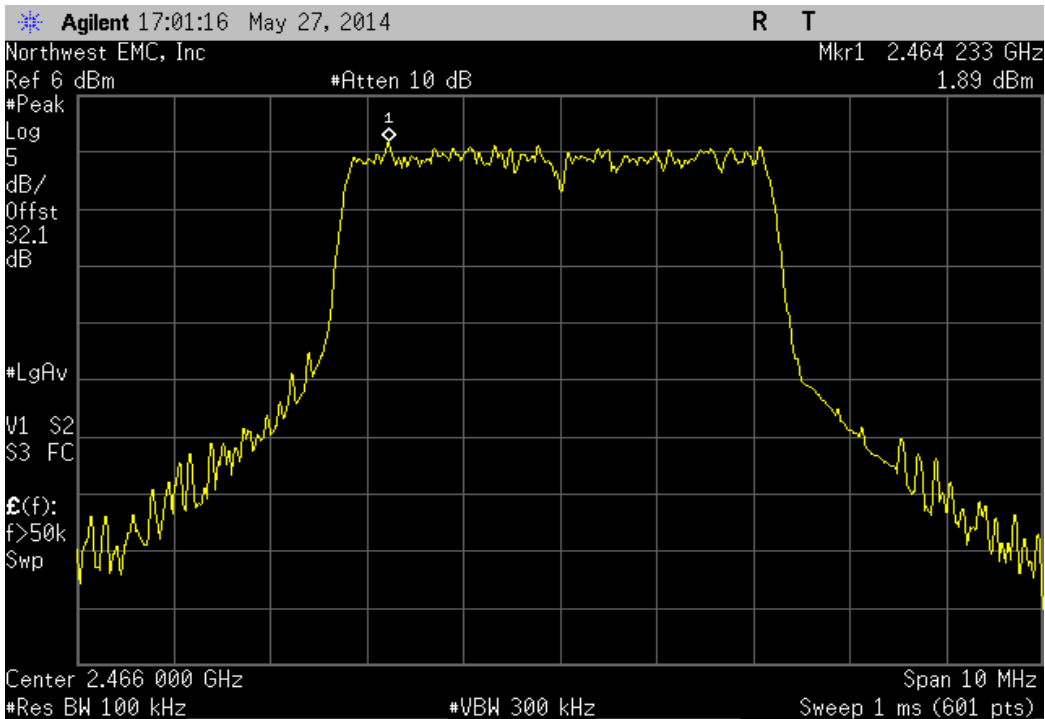
Chain A , 2400 MHz - 2483.5 MHz Band, 5MHz Bandwidth , 2x2 Modulation Type, 64-QAM, Coding Rate, 5/6., Low Channel 2406 MHz						
	Value	dBm/100kHz	To dBm/3kHz	Value	Limit	Result
	dBm/100kHz			dBm/3kHz		
	4.152		-15.2	-11.048	8	Pass



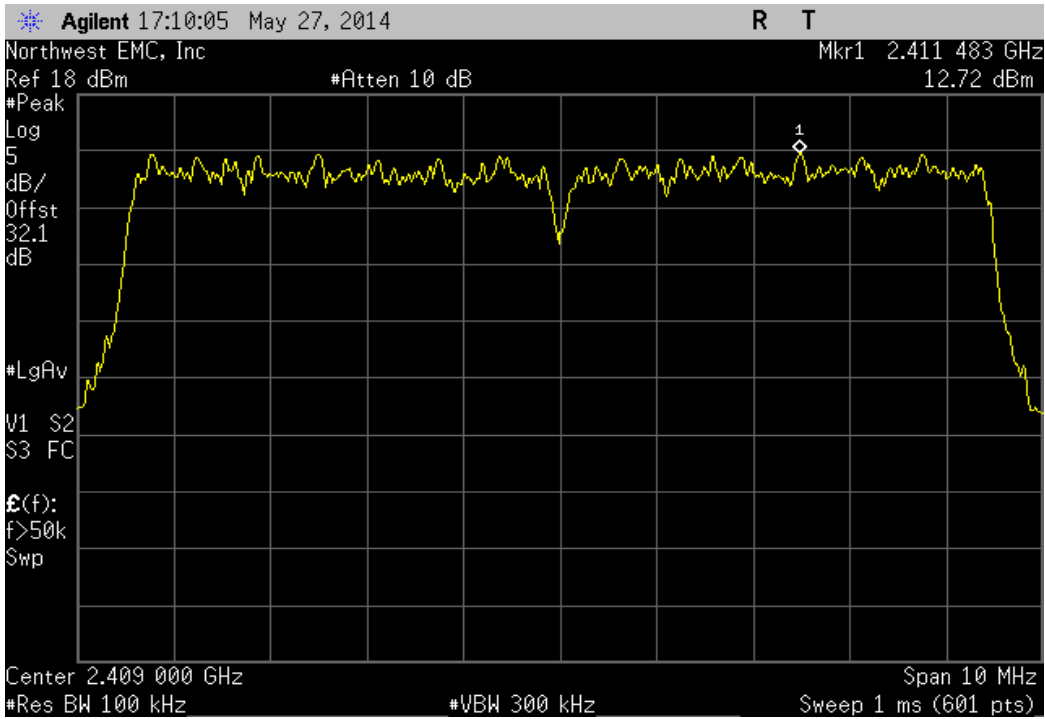
Chain A , 2400 MHz - 2483.5 MHz Band, 5MHz Bandwidth , 2x2 Modulation Type, 64-QAM, Coding Rate, 5/6., Mid Channel 2436 MHz						
	Value	dBm/100kHz	To dBm/3kHz	Value	Limit	Result
	dBm/100kHz			dBm/3kHz		
	2.878	-15.2		-12.322	8	Pass



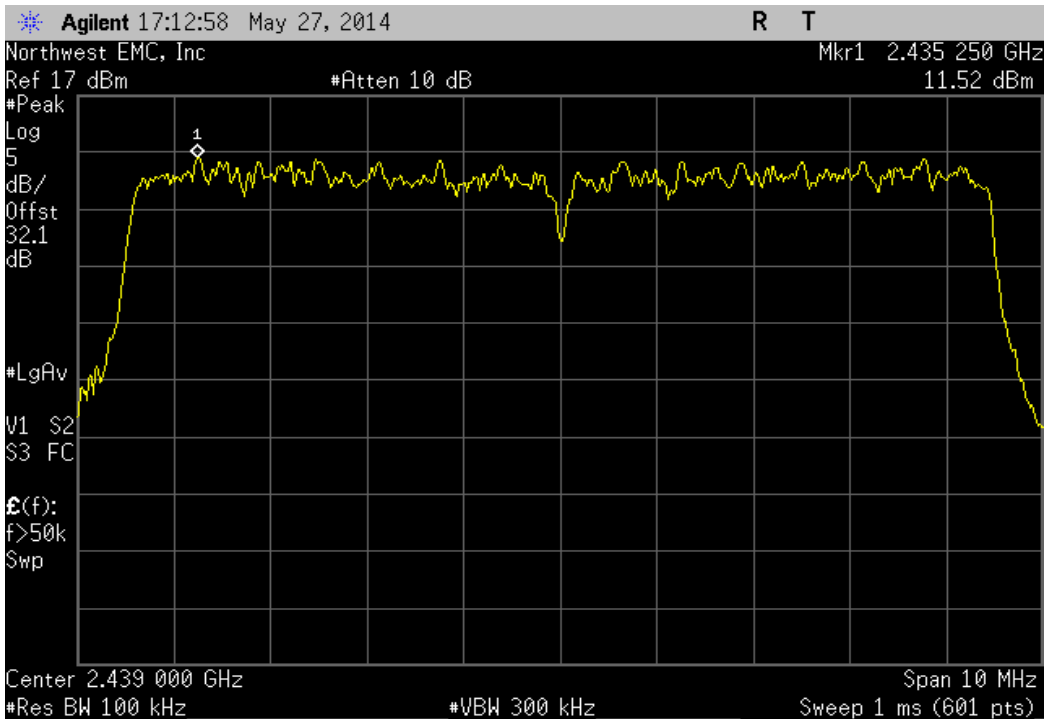
Chain A , 2400 MHz - 2483.5 MHz Band, 5MHz Bandwidth , 2x2 Modulation Type, 64-QAM, Coding Rate, 5/6., High Channel 2466 MHz						
	Value	dBm/100kHz	To dBm/3kHz	Value	Limit	Result
	dBm/100kHz			dBm/3kHz		
	1.893	-15.2		-13.307	8	Pass



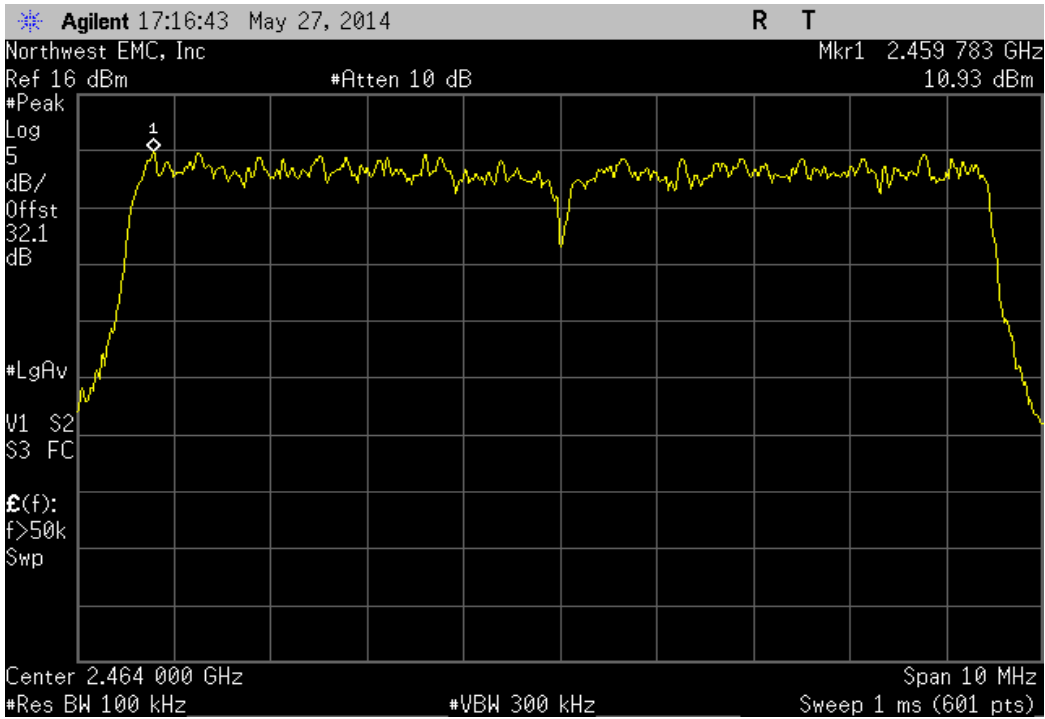
Chain A , 2400 MHz - 2483.5 MHz Band, 10MHz Bandwidth , 2x2 Modulation Type, BPSK, Coding Rate, 1/2., Low Channel 2409 MHz						
	Value	dBm/100kHz	Value	Limit		
	dBm/100kHz	To dBm/3kHz	dBm/3kHz	dBm/3kHz	Result	
	12.722	-15.2	-2.478	8	Pass	



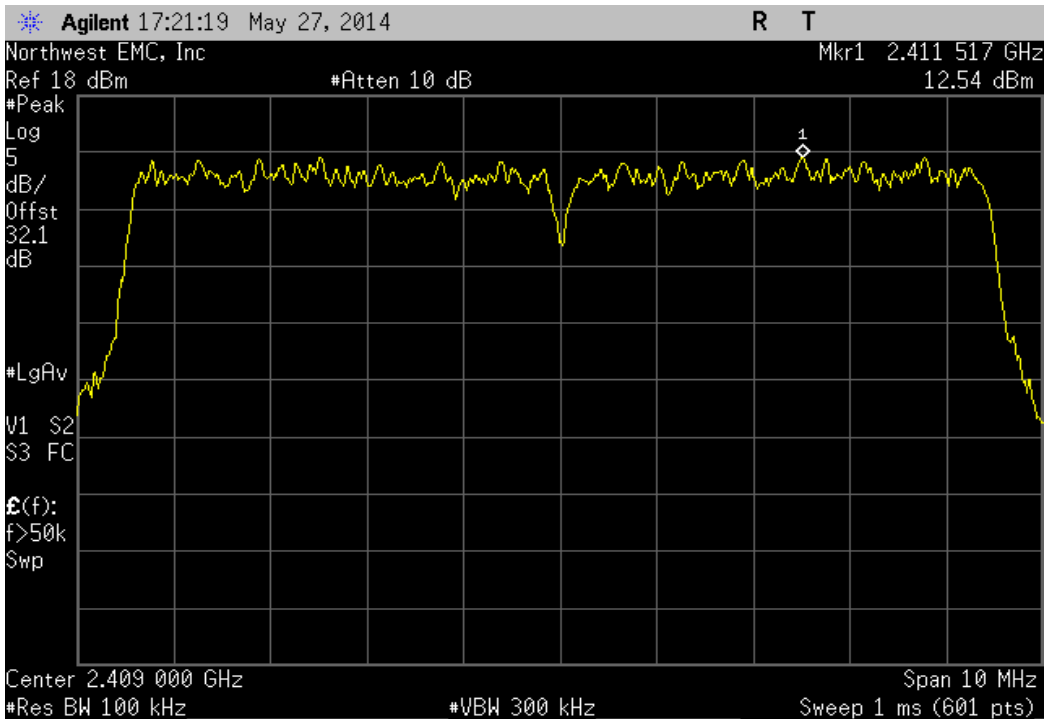
Chain A , 2400 MHz - 2483.5 MHz Band, 10MHz Bandwidth , 2x2 Modulation Type, BPSK, Coding Rate, 1/2., Mid Channel 2439 MHz						
	Value	dBm/100kHz	Value	Limit		
	dBm/100kHz	To dBm/3kHz	dBm/3kHz	dBm/3kHz	Result	
	11.517	-15.2	-3.683	8	Pass	



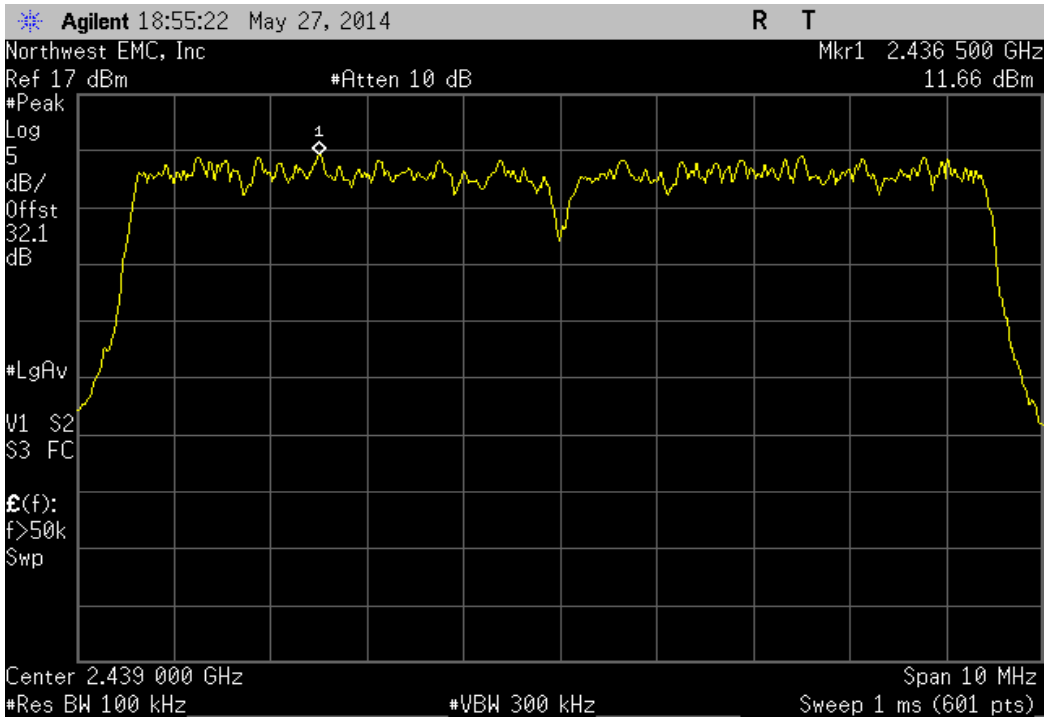
Chain A , 2400 MHz - 2483.5 MHz Band, 10MHz Bandwidth , 2x2 Modulation Type, BPSK, Coding Rate, 1/2., High Channel 2464 MHz						
	Value	dBm/100kHz	Value	Limit		
	dBm/100kHz	To dBm/3kHz	dBm/3kHz	dBm/3kHz	Result	
	10.925	-15.2	-4.275	8	Pass	



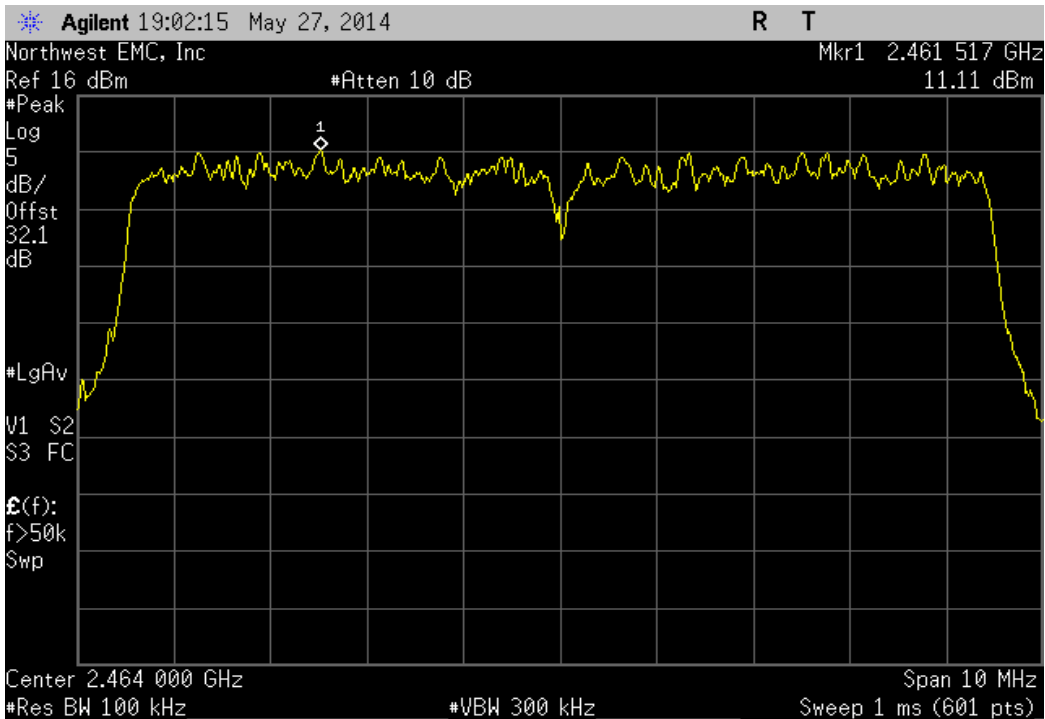
Chain A , 2400 MHz - 2483.5 MHz Band, 10MHz Bandwidth , 2x2 Modulation Type, 64-QAM, Coding Rate, 5/6., Low Channel 2409 MHz						
	Value	dBm/100kHz	Value	Limit		
	dBm/100kHz	To dBm/3kHz	dBm/3kHz	dBm/3kHz	Result	
	12.539	-15.2	-2.661	8	Pass	



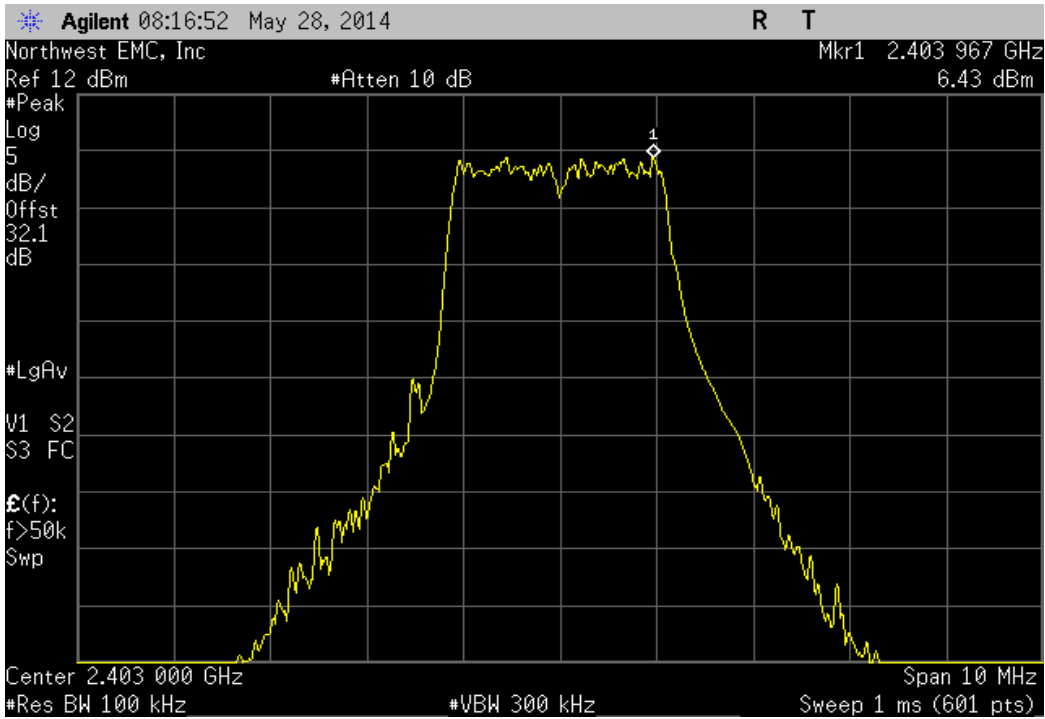
Chain A , 2400 MHz - 2483.5 MHz Band, 10MHz Bandwidth , 2x2 Modulation Type, 64-QAM, Coding Rate, 5/6., Mid Channel 2439 MHz						
	Value	dBm/100kHz	Value	Limit		
	dBm/100kHz	To dBm/3kHz	dBm/3kHz	dBm/3kHz	Result	
	11.661	-15.2	-3.539	8	Pass	



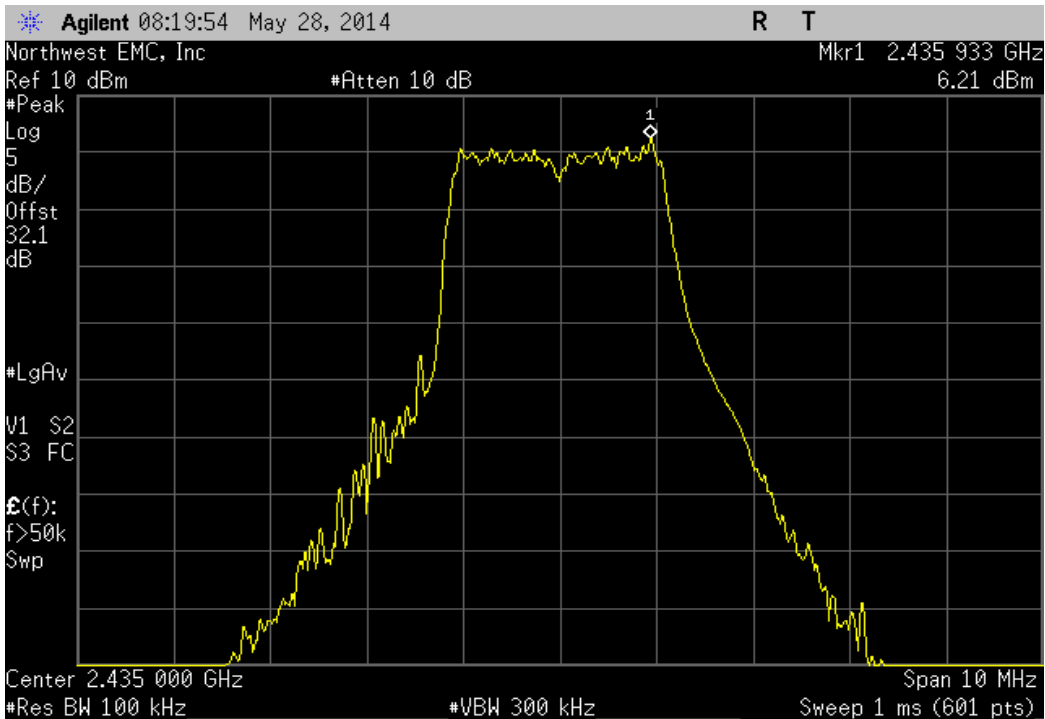
Chain A , 2400 MHz - 2483.5 MHz Band, 10MHz Bandwidth , 2x2 Modulation Type, 64-QAM, Coding Rate, 5/6., High Channel 2464 MHz						
	Value	dBm/100kHz	Value	Limit		
	dBm/100kHz	To dBm/3kHz	dBm/3kHz	dBm/3kHz	Result	
	11.108	-15.2	-4.092	8	Pass	



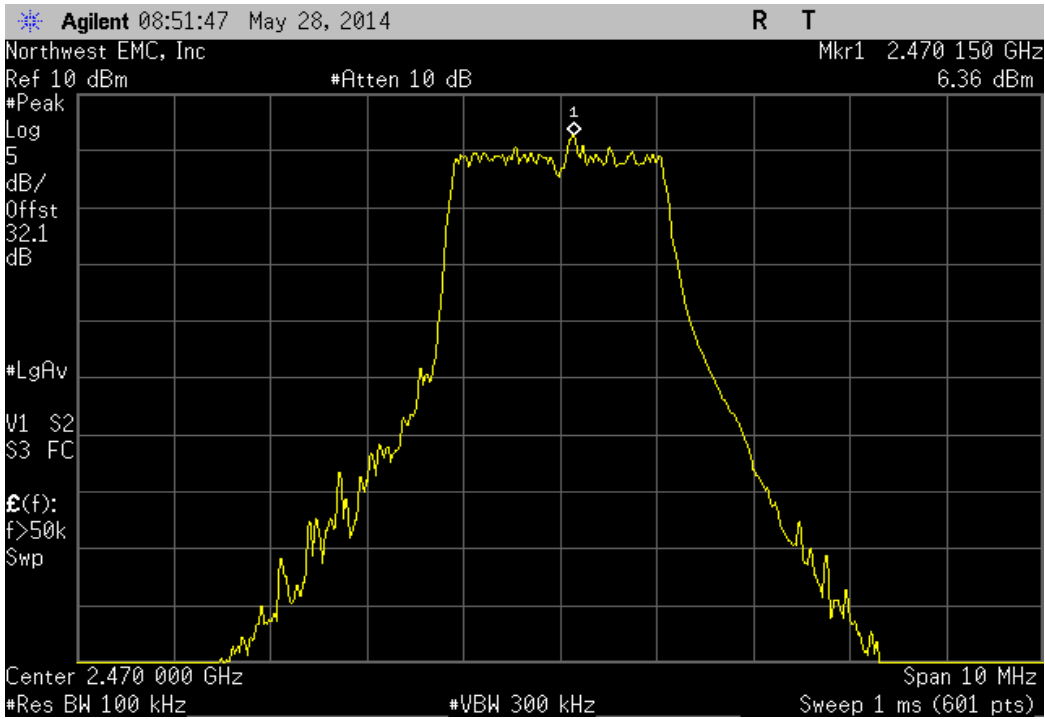
Chain B, 2400 MHz - 2483.5 MHz Band, 2.5MHz Bandwidth , 2x2 Modulation Type, BPSK, Coding Rate, 1/2., Low Channel 2403 MHz						
	Value	dBm/100kHz	Value	Limit		
	dBm/100kHz	To dBm/3kHz	dBm/3kHz	dBm/3kHz	Result	
	6.426	-15.2	-8.774	8	Pass	



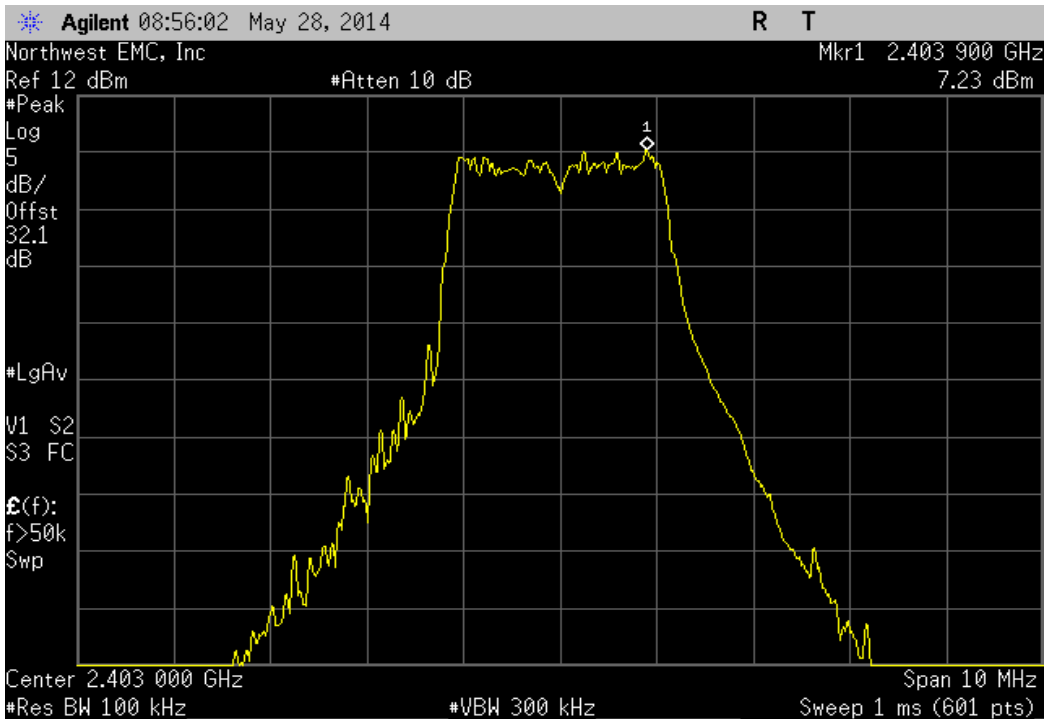
Chain B, 2400 MHz - 2483.5 MHz Band, 2.5MHz Bandwidth , 2x2 Modulation Type, BPSK, Coding Rate, 1/2., Mid Channel 2435 MHz						
	Value	dBm/100kHz	Value	Limit		
	dBm/100kHz	To dBm/3kHz	dBm/3kHz	dBm/3kHz	Result	
	6.207	-15.2	-8.993	8	Pass	



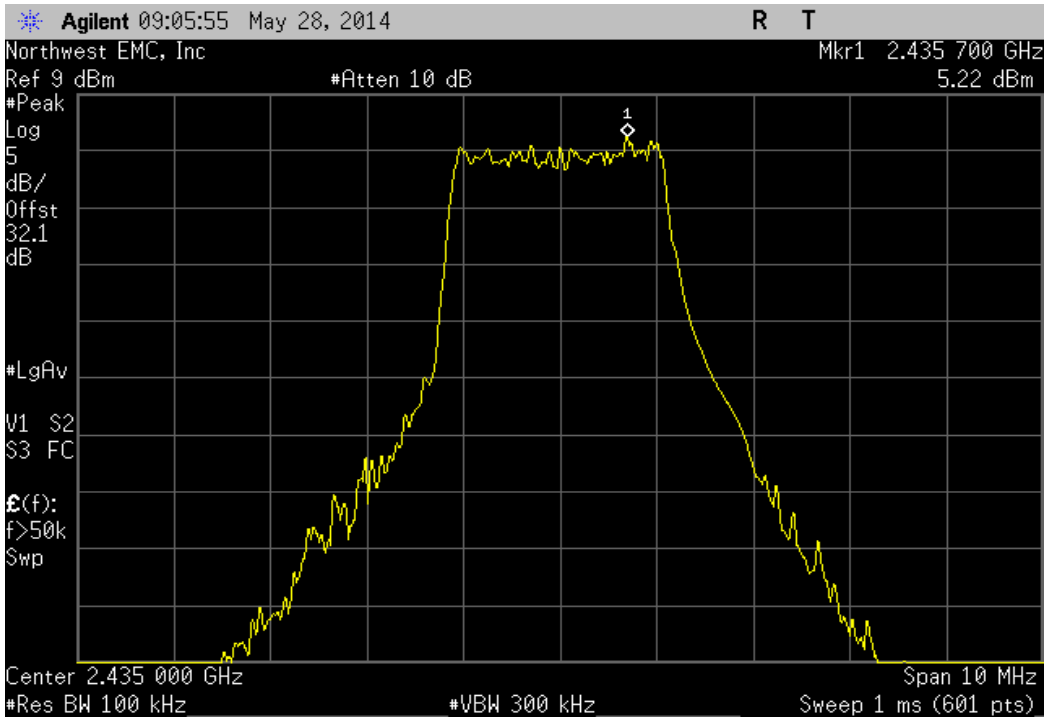
Chain B, 2400 MHz - 2483.5 MHz Band, 2.5MHz Bandwidth , 2x2 Modulation Type, BPSK, Coding Rate, 1/2., High Channel 2470 MHz						
	Value	dBm/100kHz	Value	Limit		
	dBm/100kHz	To dBm/3kHz	dBm/3kHz	dBm/3kHz	Result	
	6.361	-15.2	-8.839	8	Pass	



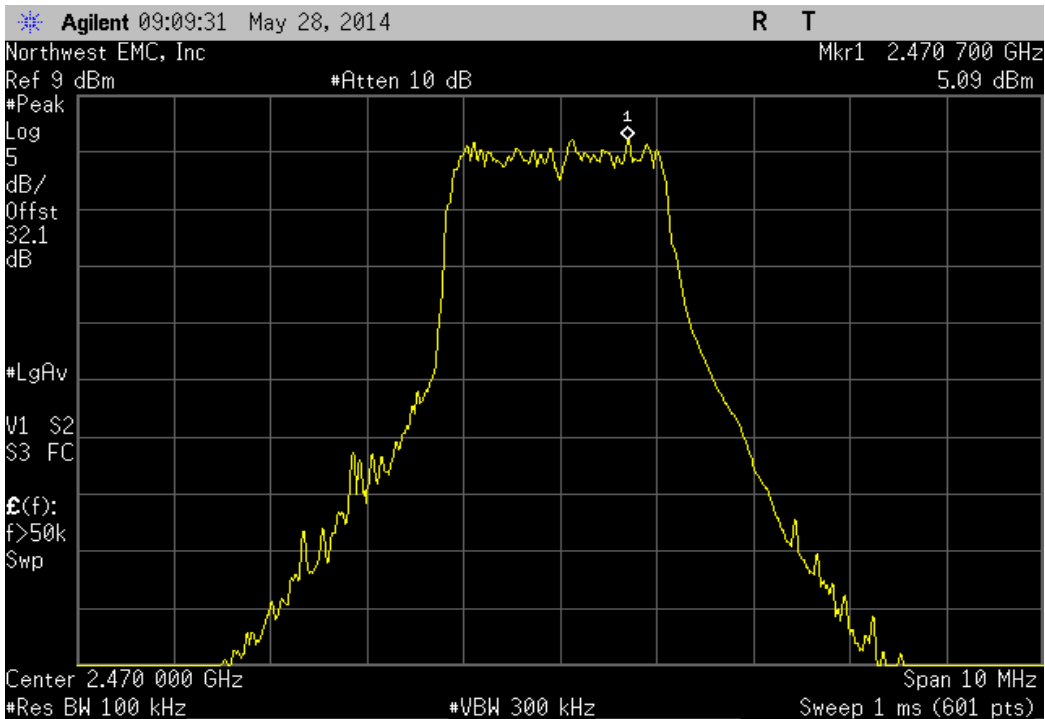
Chain B, 2400 MHz - 2483.5 MHz Band, 2.5MHz Bandwidth , 2x2 Modulation Type, 64-QAM, Coding Rate, 5/6., Low Channel 2403 MHz						
	Value	dBm/100kHz	Value	Limit		
	dBm/100kHz	To dBm/3kHz	dBm/3kHz	dBm/3kHz	Result	
	7.233	-15.2	-7.967	8	Pass	



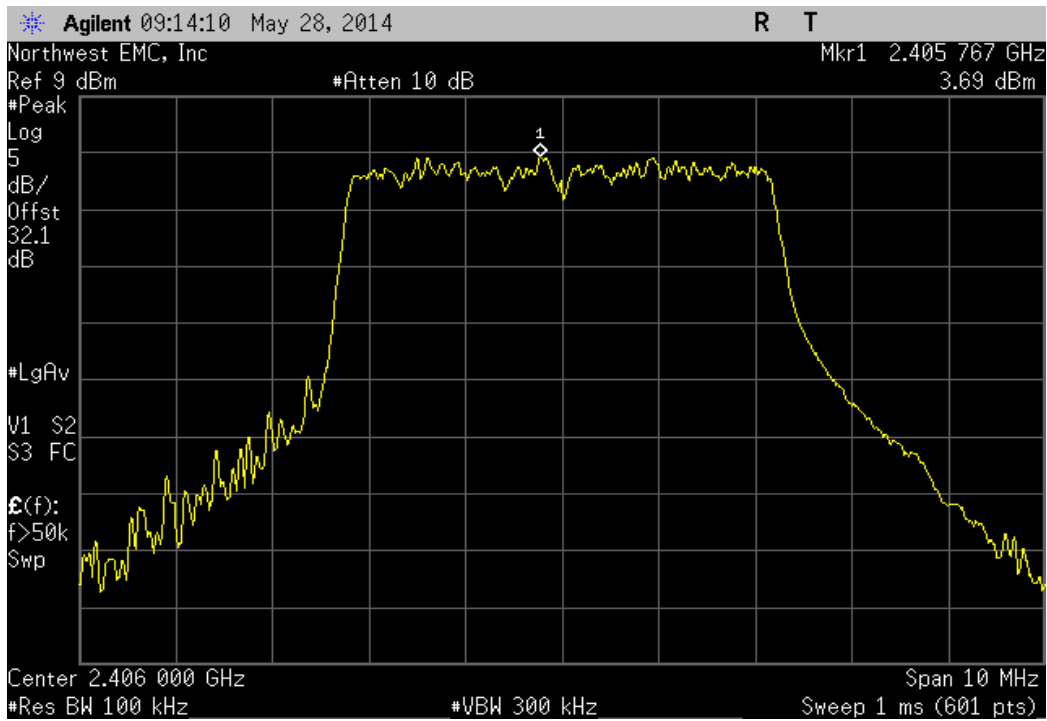
Chain B, 2400 MHz - 2483.5 MHz Band, 2.5MHz Bandwidth , 2x2 Modulation Type, 64-QAM, Coding Rate, 5/6., Mid Channel 2435 MHz						
	Value	dBm/100kHz	Value	Limit		
	dBm/100kHz	To dBm/3kHz	dBm/3kHz	dBm/3kHz	Result	
	5.22	-15.2	-9.98	8	Pass	



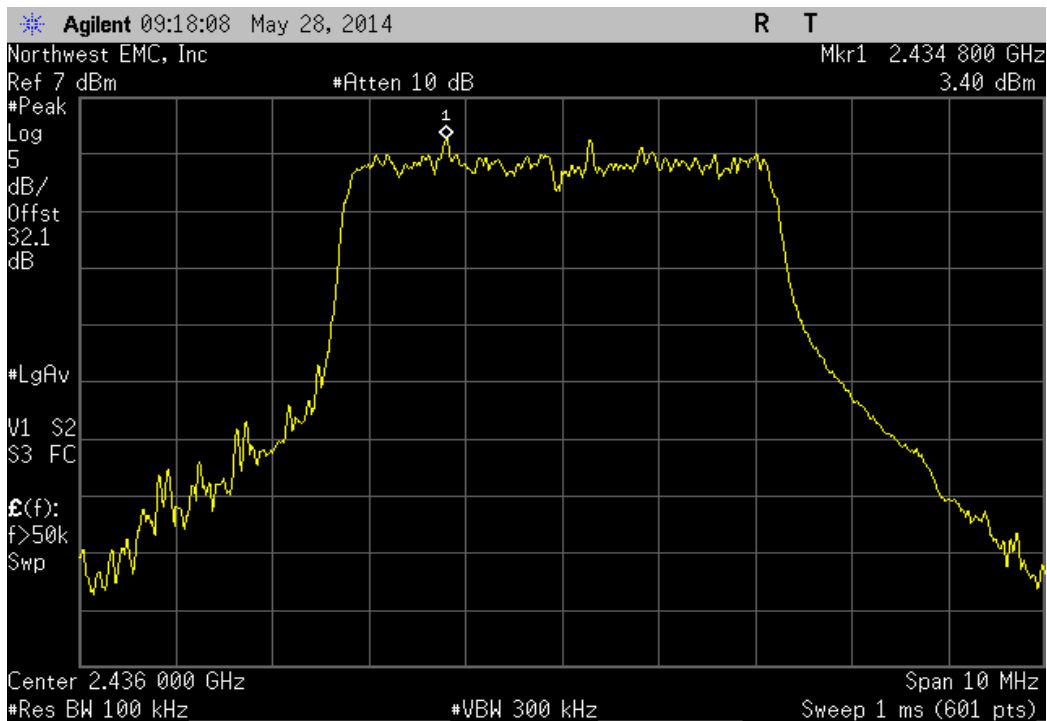
Chain B, 2400 MHz - 2483.5 MHz Band, 2.5MHz Bandwidth , 2x2 Modulation Type, 64-QAM, Coding Rate, 5/6., High Channel 2470 MHz						
	Value	dBm/100kHz	Value	Limit		
	dBm/100kHz	To dBm/3kHz	dBm/3kHz	dBm/3kHz	Result	
	5.093	-15.2	-10.107	8	Pass	



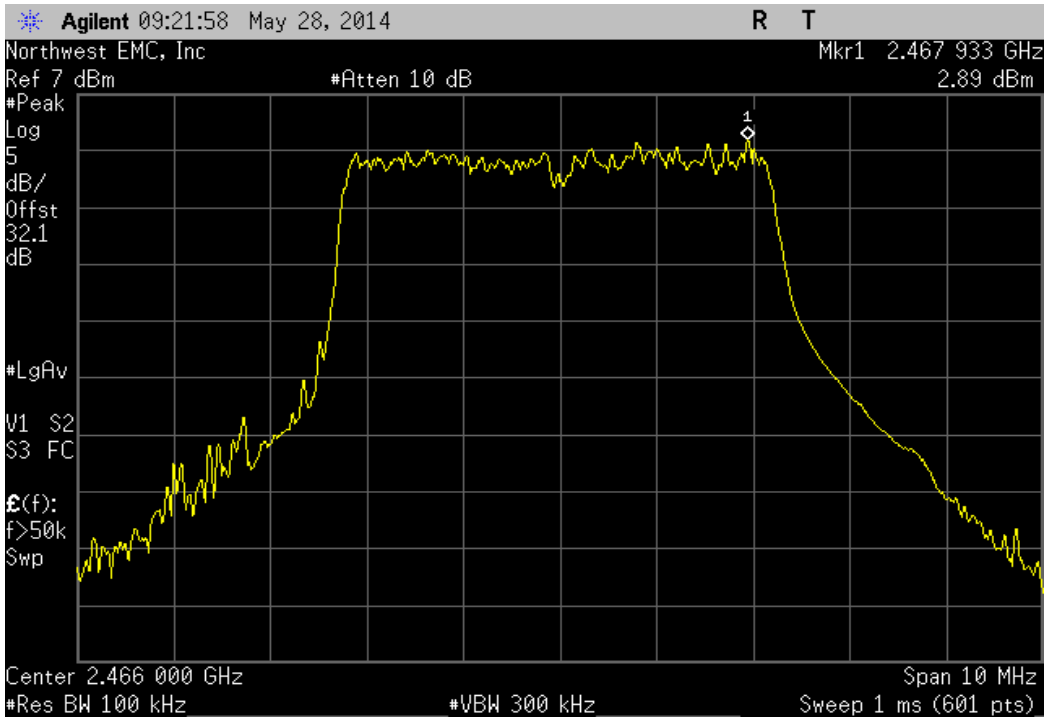
Chain B, 2400 MHz - 2483.5 MHz Band, 5MHz Bandwidth , 2x2 Modulation Type, BPSK, Coding Rate, 1/2., Low Channel 2406 MHz						
	Value	dBm/100kHz	To dBm/3kHz	Value	Limit	Result
	dBm/100kHz			dBm/3kHz	dBm/3kHz	
	3.693		-15.2	-11.507	8	Pass



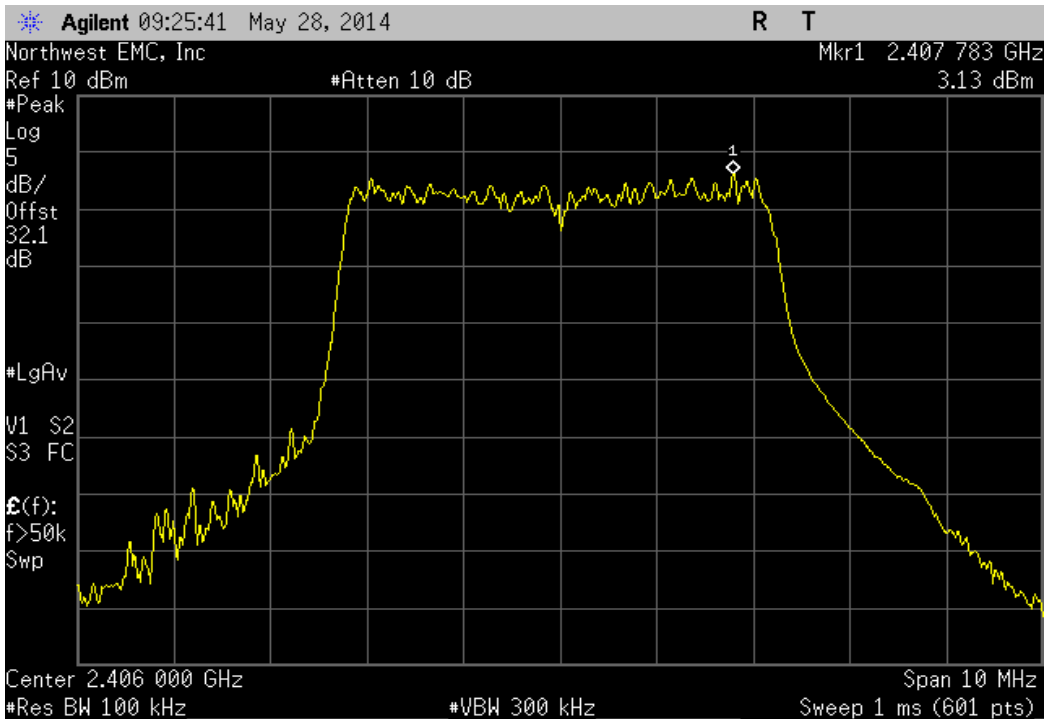
Chain B, 2400 MHz - 2483.5 MHz Band, 5MHz Bandwidth , 2x2 Modulation Type, BPSK, Coding Rate, 1/2., Mid Channel 2436 MHz						
	Value	dBm/100kHz	To dBm/3kHz	Value	Limit	Result
	dBm/100kHz			dBm/3kHz	dBm/3kHz	
	3.396		-15.2	-11.804	8	Pass



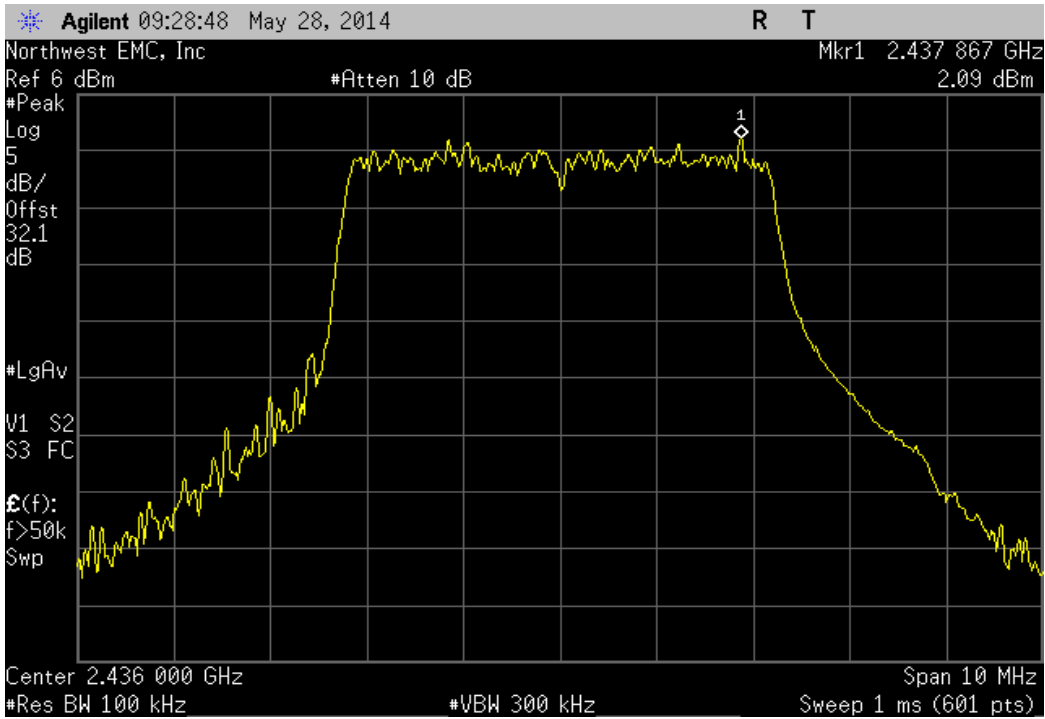
Chain B, 2400 MHz - 2483.5 MHz Band, 5MHz Bandwidth , 2x2 Modulation Type, BPSK, Coding Rate, 1/2., High Channel 2466 MHz						
	Value	dBm/100kHz	To dBm/3kHz	Value	Limit	Result
	dBm/100kHz			dBm/3kHz	dBm/3kHz	
	2.894	-15.2		-12.306	8	Pass



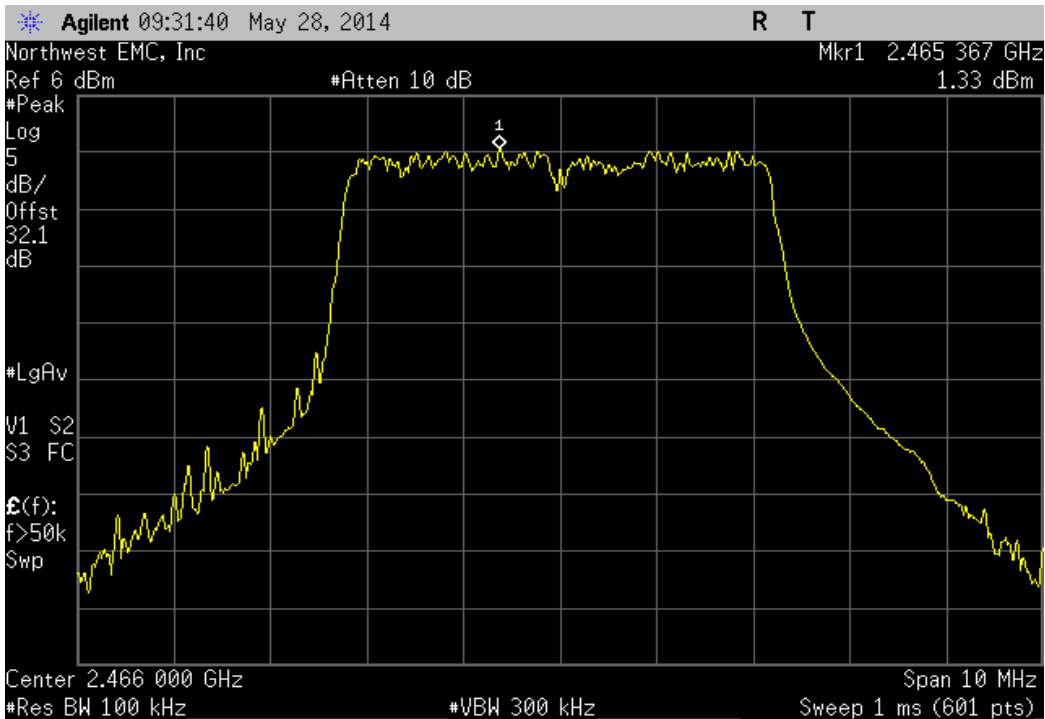
Chain B, 2400 MHz - 2483.5 MHz Band, 5MHz Bandwidth , 2x2 Modulation Type, 64-QAM, Coding Rate, 5/6., Low Channel 2406 MHz						
	Value	dBm/100kHz	To dBm/3kHz	Value	Limit	Result
	dBm/100kHz			dBm/3kHz	dBm/3kHz	
	3.126	-15.2		-12.074	8	Pass



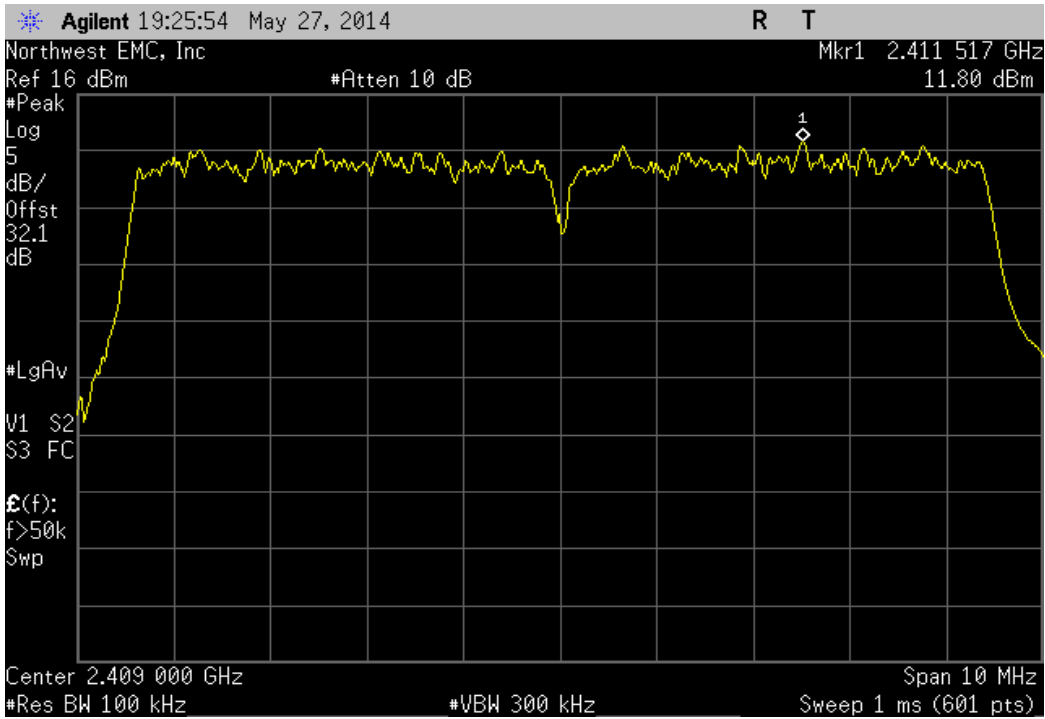
Chain B, 2400 MHz - 2483.5 MHz Band, 5MHz Bandwidth , 2x2 Modulation Type, 64-QAM, Coding Rate, 5/6., Mid Channel 2436 MHz						
	Value	dBm/100kHz	To dBm/3kHz	Value	Limit	Result
	dBm/100kHz			dBm/3kHz		
	2.094	-15.2		-13.106	8	Pass



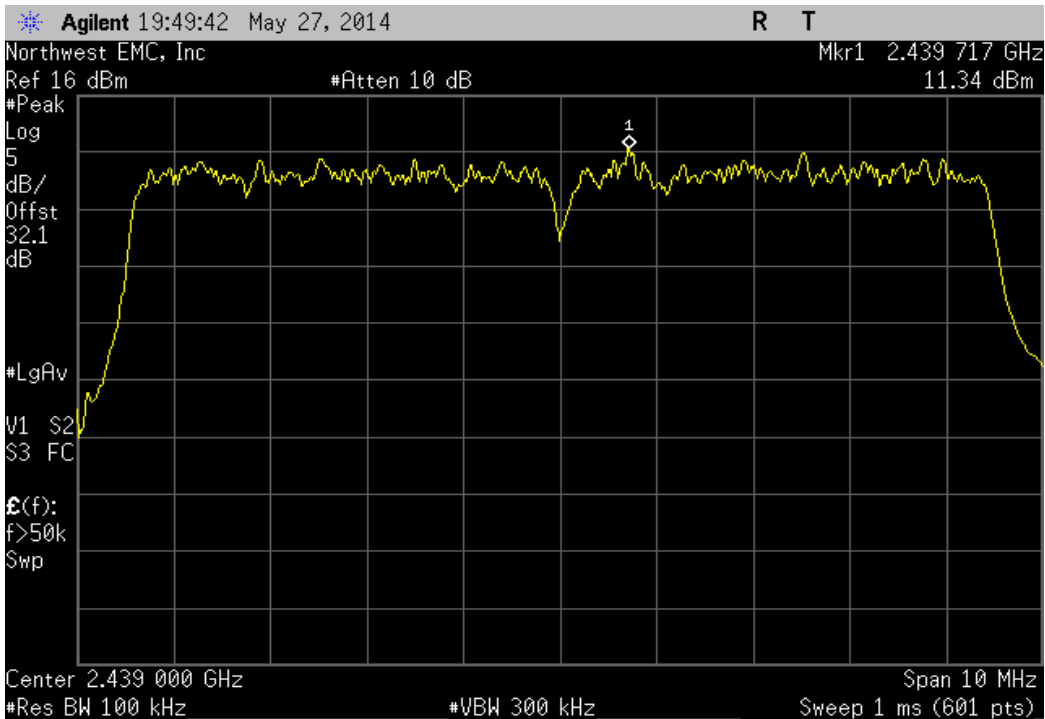
Chain B, 2400 MHz - 2483.5 MHz Band, 5MHz Bandwidth , 2x2 Modulation Type, 64-QAM, Coding Rate, 5/6., High Channel 2466 MHz						
	Value	dBm/100kHz	To dBm/3kHz	Value	Limit	Result
	dBm/100kHz			dBm/3kHz		
	1.333	-15.2		-13.867	8	Pass



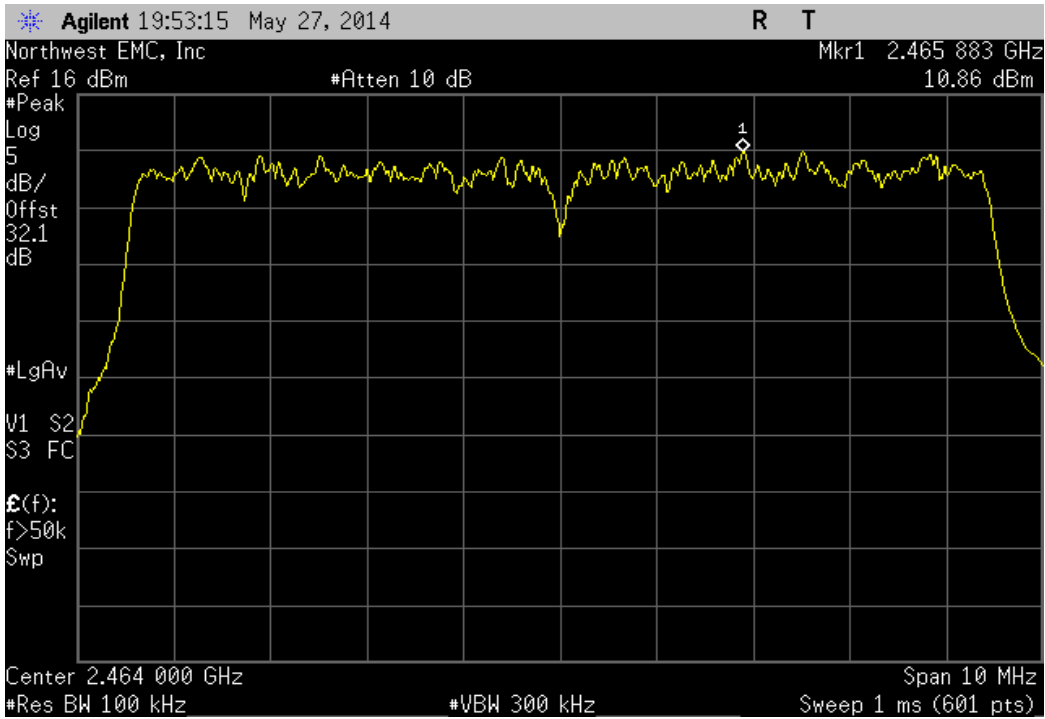
Chain B, 2400 MHz - 2483.5 MHz Band, 10MHz Bandwidth , 2x2 Modulation Type, BPSK, Coding Rate, 1/2., Low Channel 2409 MHz						
	Value	dBm/100kHz	Value	Limit		
	dBm/100kHz	To dBm/3kHz	dBm/3kHz	dBm/3kHz	Result	
	11.801	-15.2	-3.399	8	Pass	



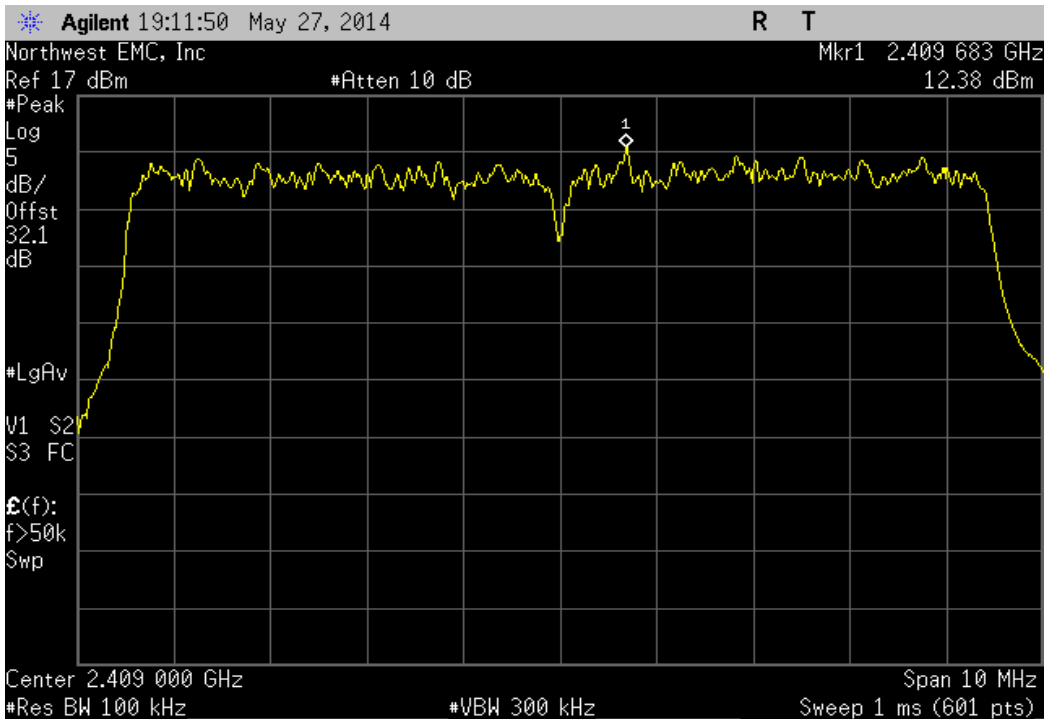
Chain B, 2400 MHz - 2483.5 MHz Band, 10MHz Bandwidth , 2x2 Modulation Type, BPSK, Coding Rate, 1/2., Mid Channel 2439 MHz						
	Value	dBm/100kHz	Value	Limit		
	dBm/100kHz	To dBm/3kHz	dBm/3kHz	dBm/3kHz	Result	
	11.342	-15.2	-3.858	8	Pass	



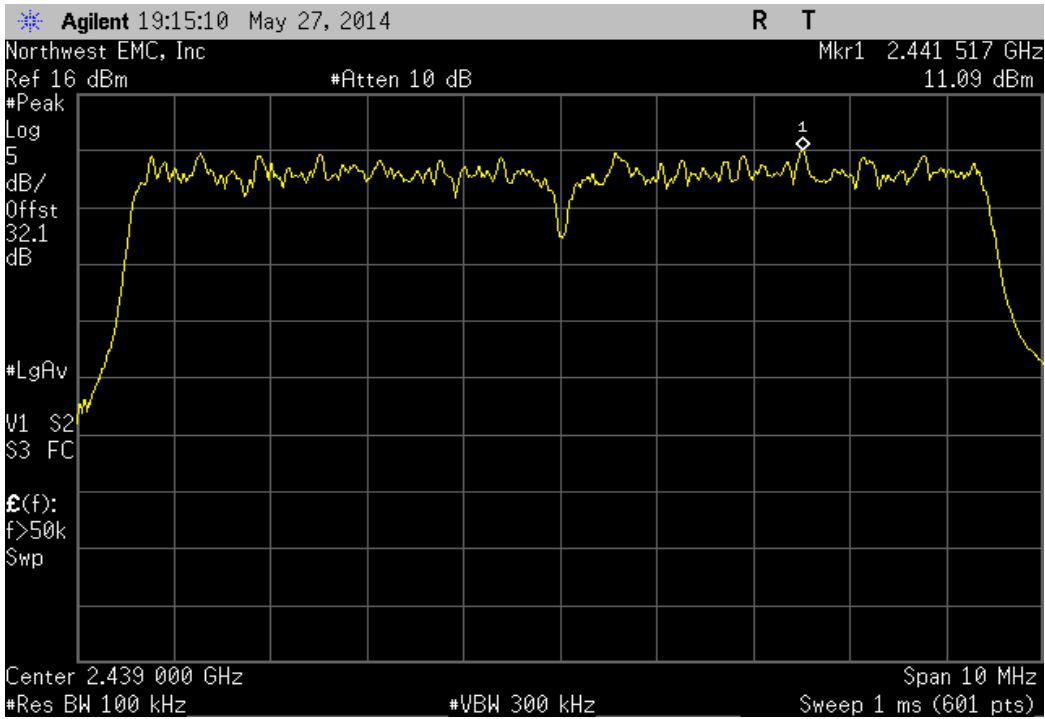
Chain B, 2400 MHz - 2483.5 MHz Band, 10MHz Bandwidth , 2x2 Modulation Type, BPSK, Coding Rate, 1/2., High Channel 2464 MHz						
	Value	dBm/100kHz	Value	Limit		
	dBm/100kHz	To dBm/3kHz	dBm/3kHz	dBm/3kHz	Result	
	10.864	-15.2	-4.336	8	Pass	



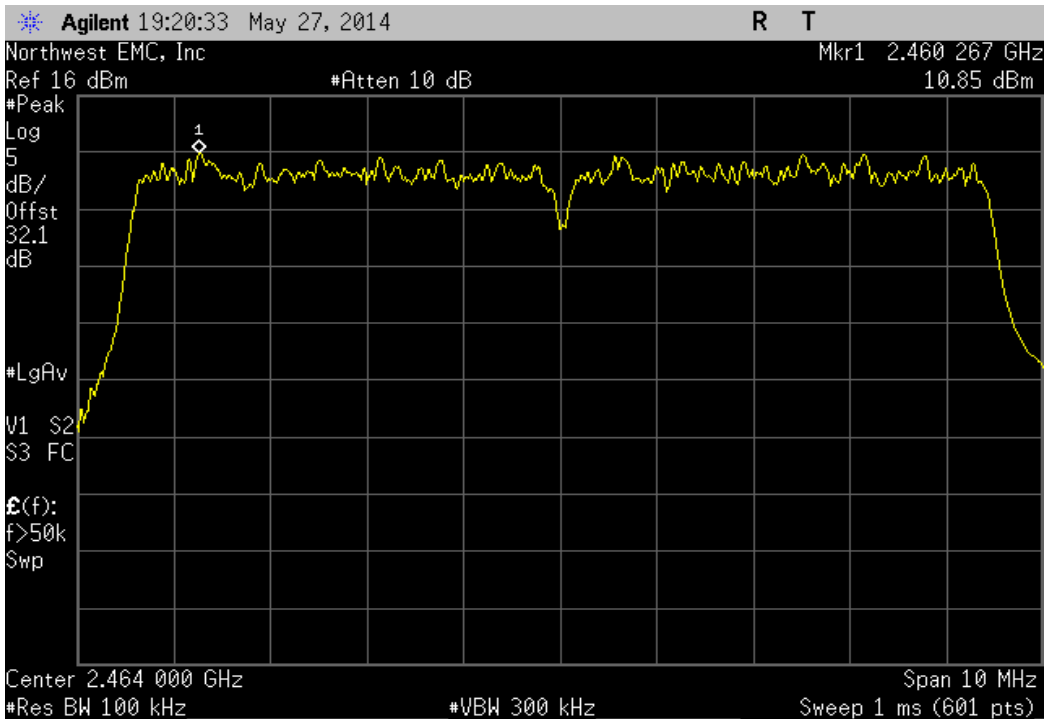
Chain B, 2400 MHz - 2483.5 MHz Band, 10MHz Bandwidth , 2x2 Modulation Type, 64-QAM, Coding Rate, 5/6., Low Channel 2409 MHz						
	Value	dBm/100kHz	Value	Limit		
	dBm/100kHz	To dBm/3kHz	dBm/3kHz	dBm/3kHz	Result	
	12.383	-15.2	-2.817	8	Pass	



Chain B, 2400 MHz - 2483.5 MHz Band, 10MHz Bandwidth , 2x2 Modulation Type, 64-QAM, Coding Rate, 5/6., Mid Channel 2439 MHz						
	Value	dBm/100kHz	Value	Limit		
	dBm/100kHz	To dBm/3kHz	dBm/3kHz	dBm/3kHz	Result	
	11.086	-15.2	-4.114	8	Pass	



Chain B, 2400 MHz - 2483.5 MHz Band, 10MHz Bandwidth , 2x2 Modulation Type, 64-QAM, Coding Rate, 5/6., High Channel 2464 MHz						
	Value	dBm/100kHz	Value	Limit		
	dBm/100kHz	To dBm/3kHz	dBm/3kHz	dBm/3kHz	Result	
	10.849	-15.2	-4.351	8	Pass	



POWER SPECTRAL DENSITY - 3x3 MIMO

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
40GHz DC Block	Miteq	DCB4000	AMD	4/28/2014	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 6 dB, SMA M/F 26GHz	S.M. Electronics	SA26B-6	AUX	7/30/2013	12
Power Meter	Agilent	N1913A	SQR	4/29/2013	36
Power Sensor	Agilent	E9300H	SQO	4/29/2013	36
Spectrum Analyzer	Agilent	E4446A	AAQ	1/21/2014	24
MXG MW Analog Signal Generator 40 Gig	Agilent	N5183A	TID	9/19/2011	36

TEST DESCRIPTION

The maximum power spectral density measurements were measured with the EUT set to the required transmit frequencies in each band. The measurement was made using a direct connection between the RF output of the EUT and the spectrum analyzer. The EUT was transmitting at the lowest, middle, and maximum data rate for each modulation type available.

Per the procedure outlined in FCC KDB 558074 D01 DTS Measurement Section 5.3.1, the spectrum analyzer was used as follows:

- RBW = 100 kHz
- VBW = 300 kHz
- Detector = Peak (to match method used for power measurement)
- Trace = Max hold

The observed power level is then scaled to an equivalent value in 3 kHz by adding a Bandwidth Correction Factor (BWCF) where:

$$BWCF = 10 \cdot \text{LOG} (3 \text{ kHz} / 100 \text{ kHz}) = -15.2 \text{ dB}$$

For 3x3 MIMO mode of operation, per FCC KDB 662911 (D01 Multiple Transmitter Output v02r01), the summed power spectral density value was calculated by adding the value of $10 \cdot \text{LOG}(n\text{Ant})\text{dB}$ to each of the single port measurement while operating in the MIMO mode. The resulting value to be added to a three antenna system is $10 \cdot \text{LOG}(3) = 4.77 \text{ dB}$



POWER SPECTRAL DENSITY - 3x3 MIMO

XMit 2014.02.07
PsaTx 2014.04.01

EUT: WavePoint 10e Industrial Wireless Router (W2400-01)	Work Order: FREW0026
Serial Number: 135268908	Date: 05/29/14
Customer: FreeWave Technologies, Inc.	Temperature: 22°C
Attendees: Dean Busch	Humidity: 36%
Project: None	Barometric Pres.: 1022
Tested by: Brandon Hobbs, Jared Ison	Power: 12 VDC
	Job Site: EV06

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

COMMENTS
An additional 10dB 5watt attenuator was used inline for all measurements made while under test. Please reference the power levels for this test in the power level table.

DEVIATIONS FROM TEST STANDARD
None

Configuration #	1	Signature 
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	Value	dBm/100kHz	Value	Limit	Result
	dBm/100kHz	To dBm/3kHz	dBm/3kHz	dBm/3kHz	

Chain 1	2400 MHz - 2483.5 MHz Band				
	2.5MHz Bandwidth				
	3x3 Modulation Type, BPSK, Coding Rate, 1/2.				
	Low Channel 2403 MHz	6.952	-15.2	-8.248	8 N/A
	Mid Channel 2435 MHz	6.523	-15.2	-8.677	8 N/A
	High Channel 2470 MHz	5.284	-15.2	-9.916	8 N/A
	3x3 Modulation Type, 64-QAM, Coding Rate, 5/6.				
	Low Channel 2403 MHz	6.133	-15.2	-9.067	8 N/A
	Mid Channel 2435 MHz	5.269	-15.2	-9.931	8 N/A
	High Channel 2470 MHz	4.501	-15.2	-10.699	8 N/A
	5MHz Bandwidth				
	3x3 Modulation Type, BPSK, Coding Rate, 1/2.				
	Low Channel 2406 MHz	2.934	-15.2	-12.266	8 N/A
	Mid Channel 2436 MHz	1.688	-15.2	-13.512	8 N/A
	High Channel 2466 MHz	0.856	-15.2	-14.344	8 N/A
	3x3 Modulation Type, 64-QAM, Coding Rate, 5/6.				
	Low Channel 2406 MHz	2.78	-15.2	-12.42	8 N/A
	Mid Channel 2436 MHz	1.853	-15.2	-13.347	8 N/A
	High Channel 2466 MHz	1.596	-15.2	-13.604	8 N/A
	10MHz Bandwidth				
	3x3 Modulation Type, BPSK, Coding Rate, 1/2.				
	Low Channel 2409 MHz	9.937	-15.2	-5.263	8 N/A
	Mid Channel 2439 MHz	8.758	-15.2	-6.442	8 N/A
	High Channel 2464 MHz	8.691	-15.2	-6.509	8 N/A
	3x3 Modulation Type, 64-QAM, Coding Rate, 5/6.				
	Low Channel 2409 MHz	9.982	-15.2	-5.218	8 N/A
	Mid Channel 2439 MHz	9.214	-15.2	-5.986	8 N/A
	High Channel 2464 MHz	8.206	-15.2	-6.994	8 N/A

Chain 2	2400 MHz - 2483.5 MHz Band				
	2.5MHz Bandwidth				
	3x3 Modulation Type, BPSK, Coding Rate, 1/2.				
	Low Channel 2403 MHz	6.791	-15.2	-8.409	8 N/A
	Mid Channel 2435 MHz	5.493	-15.2	-9.707	8 N/A
	High Channel 2470 MHz	5.271	-15.2	-9.929	8 N/A
	3x3 Modulation Type, 64-QAM, Coding Rate, 5/6.				
	Low Channel 2403 MHz	6.684	-15.2	-8.516	8 N/A
	Mid Channel 2435 MHz	5.215	-15.2	-9.985	8 N/A
	High Channel 2470 MHz	5.807	-15.2	-9.393	8 N/A
	5MHz Bandwidth				
	3x3 Modulation Type, BPSK, Coding Rate, 1/2.				
	Low Channel 2406 MHz	5.459	-15.2	-9.741	8 N/A
	Mid Channel 2436 MHz	2.533	-15.2	-12.667	8 N/A
	High Channel 2466 MHz	3.469	-15.2	-11.731	8 N/A
	3x3 Modulation Type, 64-QAM, Coding Rate, 5/6.				
	Low Channel 2406 MHz	4.486	-15.2	-10.714	8 N/A
	Mid Channel 2436 MHz	2.319	-15.2	-12.881	8 N/A
	High Channel 2466 MHz	2.916	-15.2	-12.284	8 N/A
	10MHz Bandwidth				
	3x3 Modulation Type, BPSK, Coding Rate, 1/2.				
	Low Channel 2409 MHz	9.381	-15.2	-5.819	8 N/A
	Mid Channel 2439 MHz	8.248	-15.2	-6.952	8 N/A
	High Channel 2464 MHz	7.8	-15.2	-7.4	8 N/A
	3x3 Modulation Type, 64-QAM, Coding Rate, 5/6.				
	Low Channel 2409 MHz	9.661	-15.2	-5.539	8 N/A
	Mid Channel 2439 MHz	8.109	-15.2	-7.091	8 N/A
	High Channel 2464 MHz	8.272	-15.2	-6.928	8 N/A

Chain 3	2400 MHz - 2483.5 MHz Band				
	2.5MHz Bandwidth				
	3x3 Modulation Type, BPSK, Coding Rate, 1/2.				
	Low Channel 2403 MHz	5.825	-15.2	-9.375	8 N/A
	Mid Channel 2435 MHz	6.251	-15.2	-8.949	8 N/A
	High Channel 2470 MHz	6.241	-15.2	-8.959	8 N/A
	3x3 Modulation Type, 64-QAM, Coding Rate, 5/6.				
	Low Channel 2403 MHz	5.966	-15.2	-9.234	8 N/A
	Mid Channel 2435 MHz	6.399	-15.2	-8.801	8 N/A
	High Channel 2470 MHz	6.219	-15.2	-8.981	8 N/A
	5MHz Bandwidth				
	3x3 Modulation Type, BPSK, Coding Rate, 1/2.				
	Low Channel 2406 MHz	2.999	-15.2	-12.201	8 N/A
	Mid Channel 2436 MHz	3.089	-15.2	-12.111	8 N/A
	High Channel 2466 MHz	3.305	-15.2	-11.895	8 N/A
	3x3 Modulation Type, 64-QAM, Coding Rate, 5/6.				
	Low Channel 2406 MHz	2.976	-15.2	-12.224	8 N/A
	Mid Channel 2436 MHz	3.314	-15.2	-11.886	8 N/A
	High Channel 2466 MHz	3.433	-15.2	-11.767	8 N/A
	10MHz Bandwidth				

3x3 Modulation Type, BPSK, Coding Rate, 1/2.						
Low Channel 2409 MHz	8.427	-15.2	-6.773	8	N/A	
Mid Channel 2439 MHz	7.931	-15.2	-7.269	8	N/A	
High Channel 2464 MHz	7.477	-15.2	-7.723	8	N/A	
3x3 Modulation Type, 64-QAM, Coding Rate, 5/6.						
Low Channel 2409 MHz	7.722	-15.2	-7.478	8	N/A	
Mid Channel 2439 MHz	8.541	-15.2	-6.659	8	N/A	
High Channel 2464 MHz	8.272	-15.2	-6.928	8	N/A	

Chain 1 SUMMING

2400 MHz - 2483.5 MHz Band						
2.5MHz Bandwidth						
3x3 Modulation Type, BPSK, Coding Rate, 1/2.						
Low Channel 2403 MHz	Value (dBm/MHz)	Summing Factor (dBm)	dBm/100kHz To dBm/3kHz	Summed Power (dBm/MHz)	Limit (dBm/MHz)	Results
Low Channel 2403 MHz	6.952	4.77	-15.2	-3.478	8	Pass
Mid Channel 2435 MHz	6.523	4.77	-15.2	-3.907	8	Pass
High Channel 2470 MHz	5.284	4.77	-15.2	-5.146	8	Pass
3x3 Modulation Type, 64-QAM, Coding Rate, 5/6.						
Low Channel 2406 MHz	6.133	4.77	-15.2	-4.297	8	Pass
Mid Channel 2436 MHz	5.269	4.77	-15.2	-5.161	8	Pass
High Channel 2466 MHz	4.501	4.77	-15.2	-5.929	8	Pass
5MHz Bandwidth						
3x3 Modulation Type, BPSK, Coding Rate, 1/2.						
Low Channel 2406 MHz	2.934	4.77	-15.2	-7.496	8	Pass
Mid Channel 2436 MHz	1.688	4.77	-15.2	-8.742	8	Pass
High Channel 2466 MHz	0.856	4.77	-15.2	-9.574	8	Pass
3x3 Modulation Type, 64-QAM, Coding Rate, 5/6.						
Low Channel 2406 MHz	2.78	4.77	-15.2	-7.65	8	Pass
Mid Channel 2436 MHz	1.853	4.77	-15.2	-8.577	8	Pass
High Channel 2466 MHz	1.596	4.77	-15.2	-8.834	8	Pass
10MHz Bandwidth						
3x3 Modulation Type, BPSK, Coding Rate, 1/2.						
Low Channel 2409 MHz	9.937	4.77	-15.2	-0.493	8	Pass
Mid Channel 2439 MHz	8.758	4.77	-15.2	-1.672	8	Pass
High Channel 2464 MHz	8.691	4.77	-15.2	-1.739	8	Pass
3x3 Modulation Type, 64-QAM, Coding Rate, 5/6.						
Low Channel 2409 MHz	9.982	4.77	-15.2	-0.448	8	Pass
Mid Channel 2439 MHz	9.214	4.77	-15.2	-1.216	8	Pass
High Channel 2464 MHz	8.206	4.77	-15.2	-2.224	8	Pass

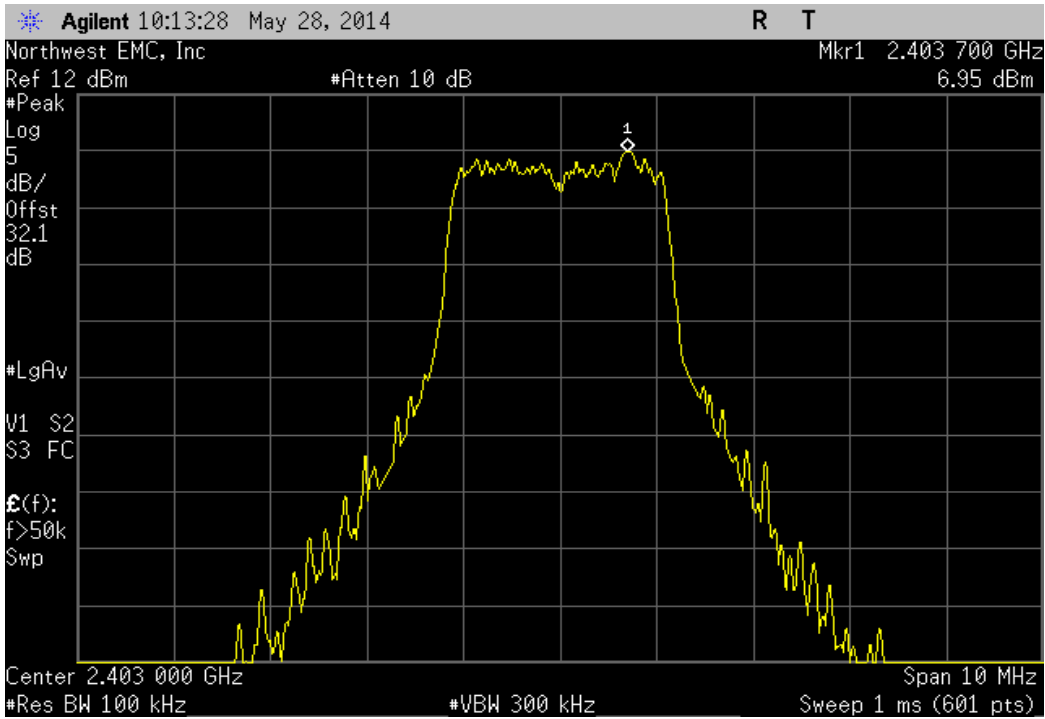
Chain 2 SUMMING

2400 MHz - 2483.5 MHz Band						
2.5MHz Bandwidth						
3x3 Modulation Type, BPSK, Coding Rate, 1/2.						
Low Channel 2406 MHz	Value (dBm/MHz)	Summing Factor (dBm)	dBm/100kHz To dBm/3kHz	Summed Power (dBm/MHz)	Limit (dBm/MHz)	Results
Low Channel 2406 MHz	6.791	4.77	-15.2	-3.639	8	Pass
Mid Channel 2436 MHz	5.493	4.77	-15.2	-4.937	8	Pass
High Channel 2466 MHz	5.271	4.77	-15.2	-5.159	8	Pass
3x3 Modulation Type, 64-QAM, Coding Rate, 5/6.						
Low Channel 2406 MHz	6.684	4.77	-15.2	-3.746	8	Pass
Mid Channel 2436 MHz	5.215	4.77	-15.2	-5.215	8	Pass
High Channel 2466 MHz	5.807	4.77	-15.2	-4.623	8	Pass
5MHz Bandwidth						
3x3 Modulation Type, BPSK, Coding Rate, 1/2.						
Low Channel 2406 MHz	5.459	4.77	-15.2	-4.971	8	Pass
Mid Channel 2436 MHz	2.533	4.77	-15.2	-7.897	8	Pass
High Channel 2466 MHz	3.469	4.77	-15.2	-6.961	8	Pass
3x3 Modulation Type, 64-QAM, Coding Rate, 5/6.						
Low Channel 2406 MHz	4.486	4.77	-15.2	-5.944	8	Pass
Mid Channel 2436 MHz	2.319	4.77	-15.2	-8.111	8	Pass
High Channel 2466 MHz	2.916	4.77	-15.2	-7.514	8	Pass
10MHz Bandwidth						
3x3 Modulation Type, BPSK, Coding Rate, 1/2.						
Low Channel 2409 MHz	9.381	4.77	-15.2	-1.049	8	Pass
Mid Channel 2439 MHz	8.248	4.77	-15.2	-2.182	8	Pass
High Channel 2464 MHz	7.8	4.77	-15.2	-2.63	8	Pass
3x3 Modulation Type, 64-QAM, Coding Rate, 5/6.						
Low Channel 2409 MHz	9.661	4.77	-15.2	-0.769	8	Pass
Mid Channel 2439 MHz	8.109	4.77	-15.2	-2.321	8	Pass
High Channel 2464 MHz	8.272	4.77	-15.2	-2.158	8	Pass

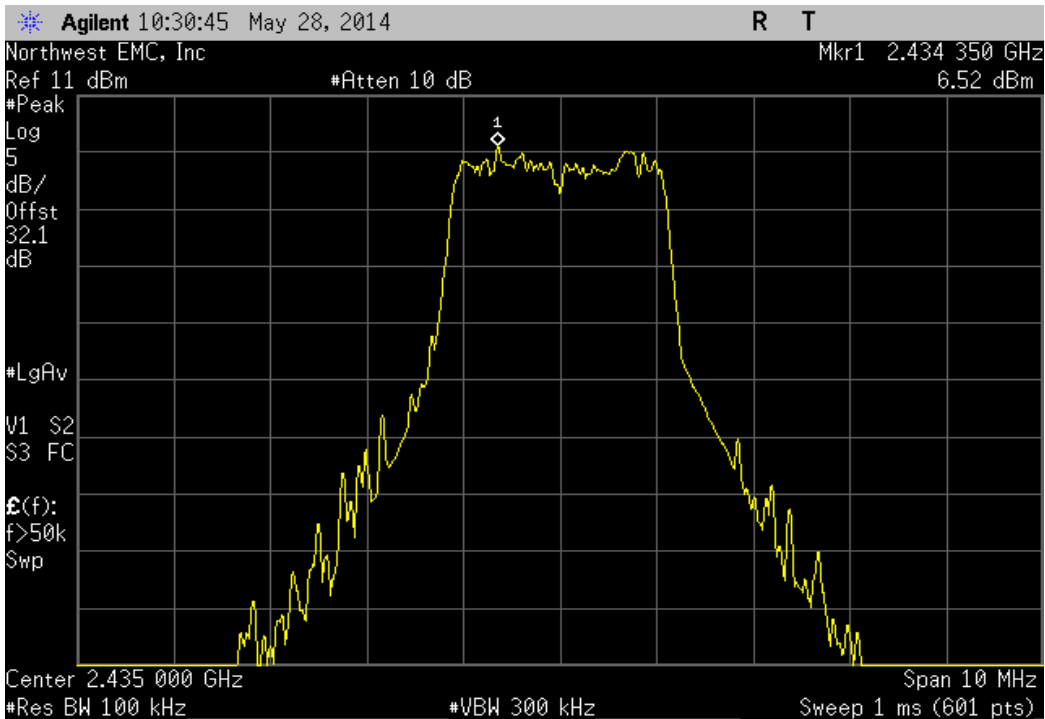
Chain 3SUMMING

2400 MHz - 2483.5 MHz Band						
2.5MHz Bandwidth						
3x3 Modulation Type, BPSK, Coding Rate, 1/2.						
Low Channel 2406 MHz	Value (dBm/MHz)	Summing Factor (dBm)	dBm/100kHz To dBm/3kHz	Summed Power (dBm/MHz)	Limit (dBm/MHz)	Results
Low Channel 2406 MHz	5.825	4.77	-15.2	-4.605	8	Pass
Mid Channel 2436 MHz	6.251	4.77	-15.2	-4.179	8	Pass
High Channel 2466 MHz	6.241	4.77	-15.2	-4.189	8	Pass
3x3 Modulation Type, 64-QAM, Coding Rate, 5/6.						
Low Channel 2406 MHz	5.966	4.77	-15.2	-4.464	8	Pass
Mid Channel 2436 MHz	6.399	4.77	-15.2	-4.031	8	Pass
High Channel 2466 MHz	6.219	4.77	-15.2	-4.211	8	Pass
5MHz Bandwidth						
3x3 Modulation Type, BPSK, Coding Rate, 1/2.						
Low Channel 2406 MHz	2.999	4.77	-15.2	-7.431	8	Pass
Mid Channel 2436 MHz	3.089	4.77	-15.2	-7.341	8	Pass
High Channel 2466 MHz	3.305	4.77	-15.2	-7.125	8	Pass
3x3 Modulation Type, 64-QAM, Coding Rate, 5/6.						
Low Channel 2406 MHz	2.976	4.77	-15.2	-7.454	8	Pass
Mid Channel 2436 MHz	3.314	4.77	-15.2	-7.116	8	Pass
High Channel 2466 MHz	3.433	4.77	-15.2	-6.997	8	Pass
10MHz Bandwidth						
3x3 Modulation Type, BPSK, Coding Rate, 1/2.						
Low Channel 2409 MHz	8.427	4.77	-15.2	-2.003	8	Pass
Mid Channel 2439 MHz	7.931	4.77	-15.2	-2.499	8	Pass
High Channel 2464 MHz	7.477	4.77	-15.2	-2.953	8	Pass
3x3 Modulation Type, 64-QAM, Coding Rate, 5/6.						
Low Channel 2409 MHz	7.722	4.77	-15.2	-2.708	8	Pass
Mid Channel 2439 MHz	8.541	4.77	-15.2	-1.889	8	Pass
High Channel 2464 MHz	8.272	4.77	-15.2	-2.158	8	Pass

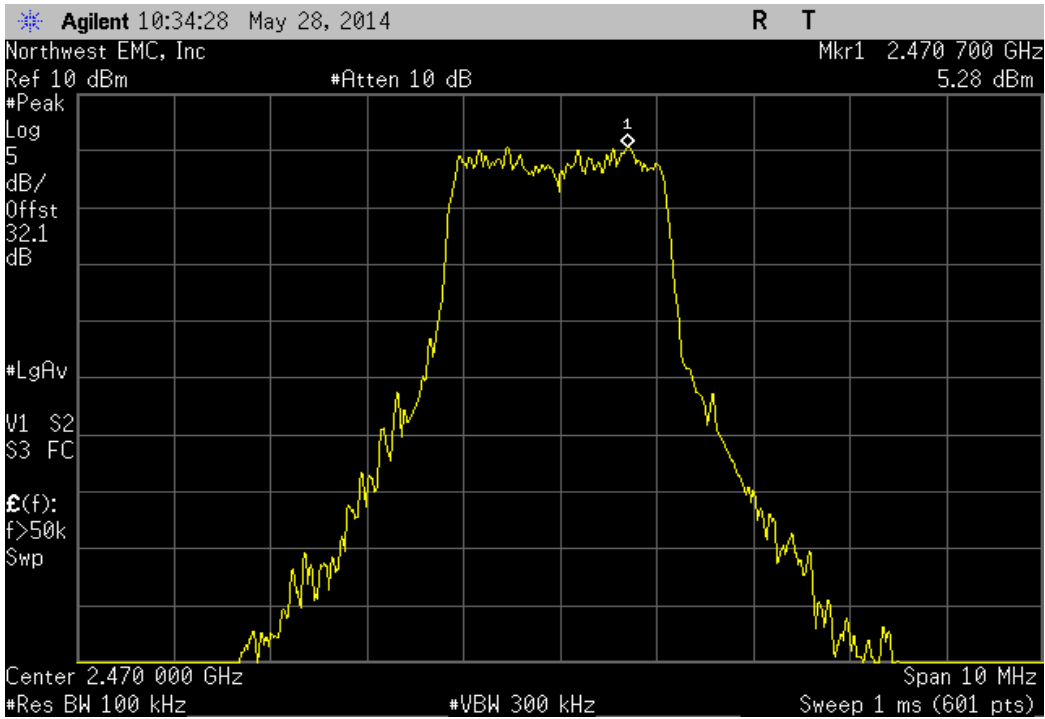
Chain A , 2400 MHz - 2483.5 MHz Band, 2.5MHz Bandwidth , 3x3 Modulation Type, BPSK, Coding Rate, 1/2., Low Channel 2403 MHz						
	Value	dBm/100kHz	Value	Limit		
	dBm/100kHz	To dBm/3kHz	dBm/3kHz	dBm/3kHz	Result	
	6.952	-15.2	-8.248	8	Pass	



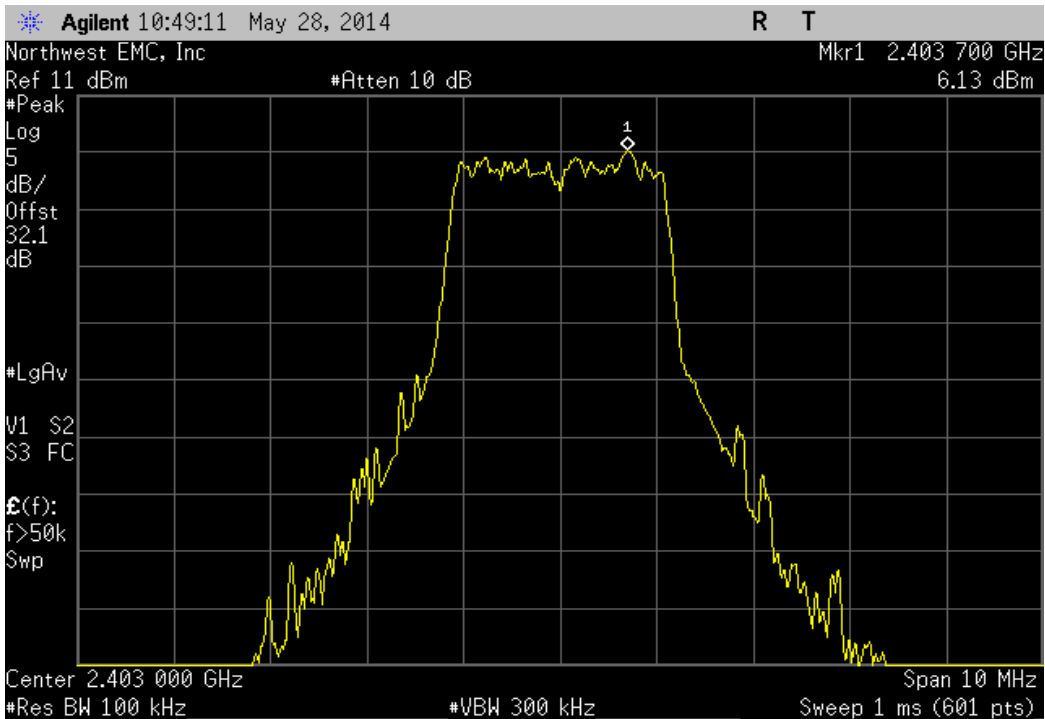
Chain A , 2400 MHz - 2483.5 MHz Band, 2.5MHz Bandwidth , 3x3 Modulation Type, BPSK, Coding Rate, 1/2., Mid Channel 2435 MHz						
	Value	dBm/100kHz	Value	Limit		
	dBm/100kHz	To dBm/3kHz	dBm/3kHz	dBm/3kHz	Result	
	6.523	-15.2	-8.677	8	Pass	



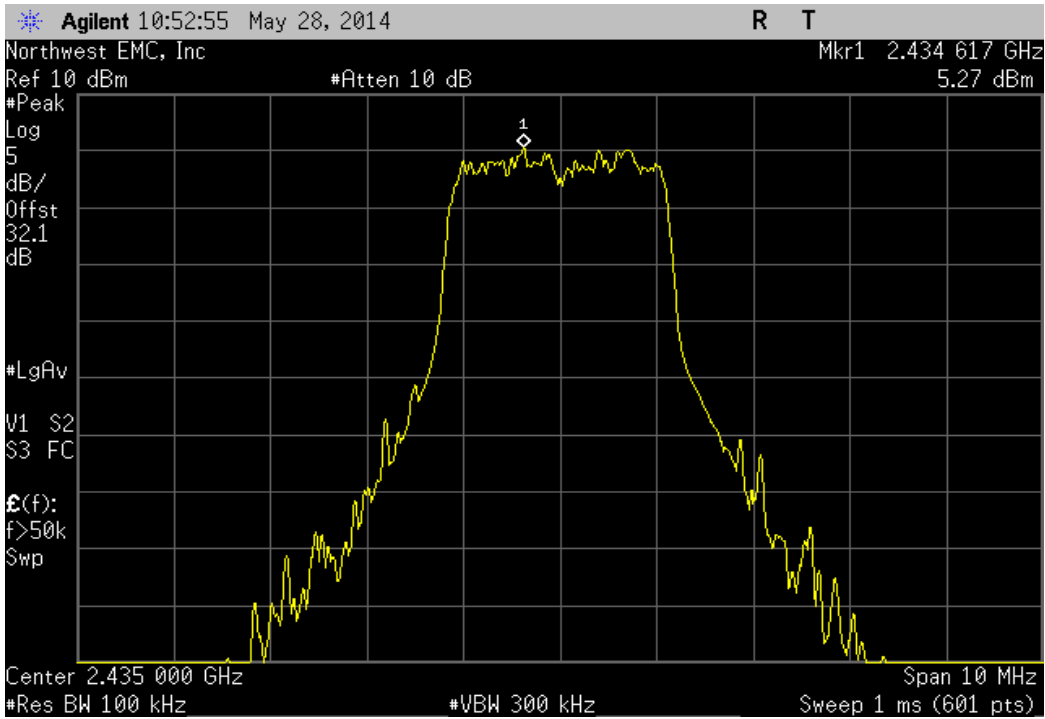
Chain A , 2400 MHz - 2483.5 MHz Band, 2.5MHz Bandwidth , 3x3 Modulation Type, BPSK, Coding Rate, 1/2., High Channel 2470 MHz						
	Value	dBm/100kHz	Value	Limit		
	dBm/100kHz	To dBm/3kHz	dBm/3kHz	dBm/3kHz	Result	
	5.284	-15.2	-9.916	8	Pass	



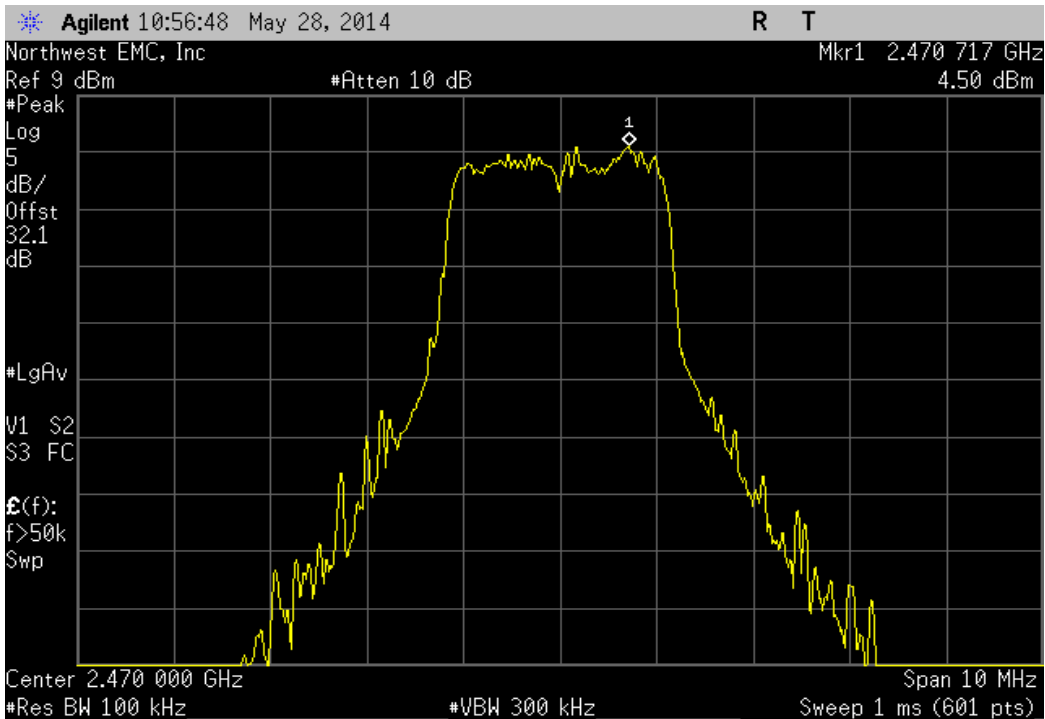
Chain A , 2400 MHz - 2483.5 MHz Band, 2.5MHz Bandwidth , 3x3 Modulation Type, 64-QAM, Coding Rate, 5/6., Low Channel 2403 MHz						
	Value	dBm/100kHz	Value	Limit		
	dBm/100kHz	To dBm/3kHz	dBm/3kHz	dBm/3kHz	Result	
	6.133	-15.2	-9.067	8	Pass	



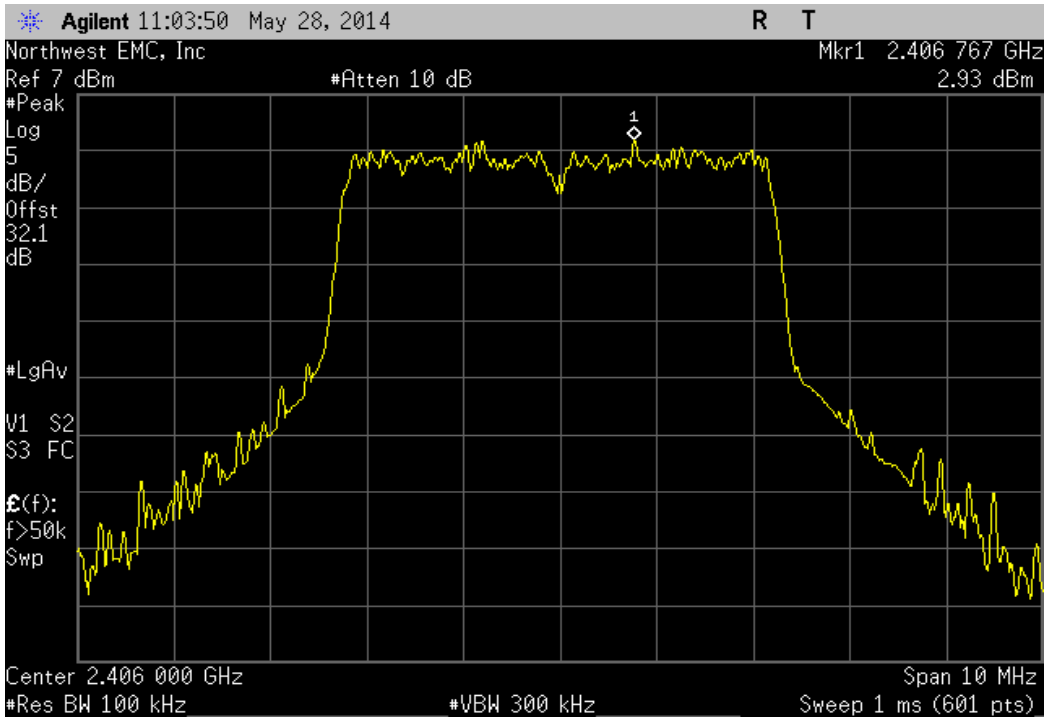
Chain A , 2400 MHz - 2483.5 MHz Band, 2.5MHz Bandwidth , 3x3 Modulation Type, 64-QAM, Coding Rate, 5/6., Mid Channel 2435 MHz						
	Value	dBm/100kHz	Value	Limit		
	dBm/100kHz	To dBm/3kHz	dBm/3kHz	dBm/3kHz	Result	
	5.269	-15.2	-9.931	8	Pass	



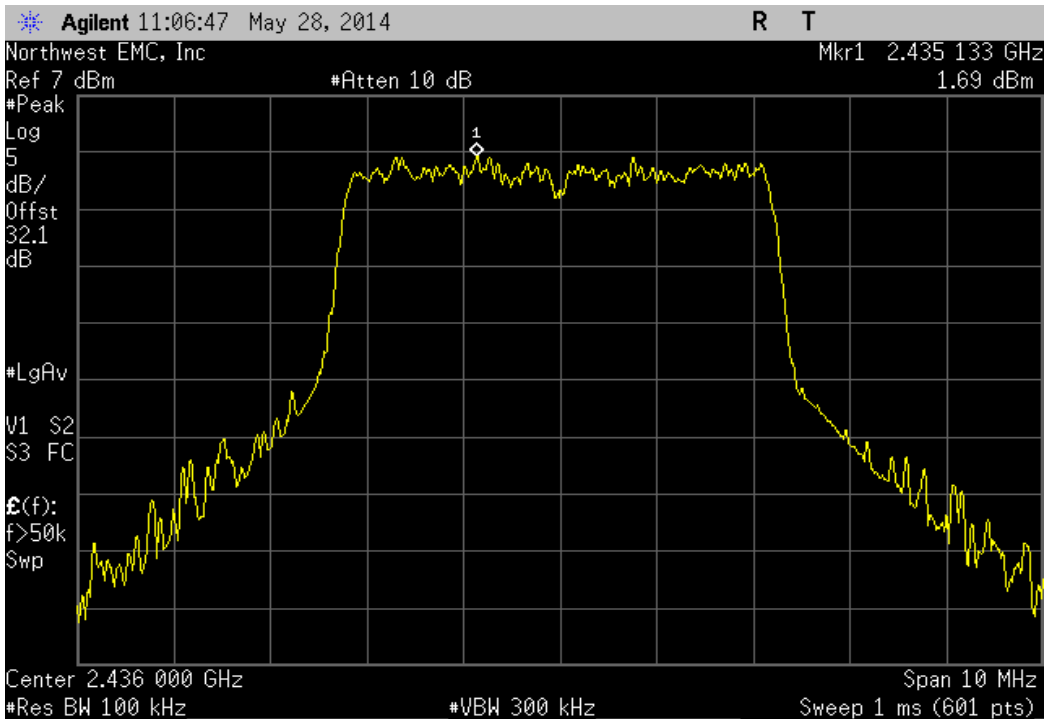
Chain A , 2400 MHz - 2483.5 MHz Band, 2.5MHz Bandwidth , 3x3 Modulation Type, 64-QAM, Coding Rate, 5/6., High Channel 2470 MHz						
	Value	dBm/100kHz	Value	Limit		
	dBm/100kHz	To dBm/3kHz	dBm/3kHz	dBm/3kHz	Result	
	4.501	-15.2	-10.699	8	Pass	



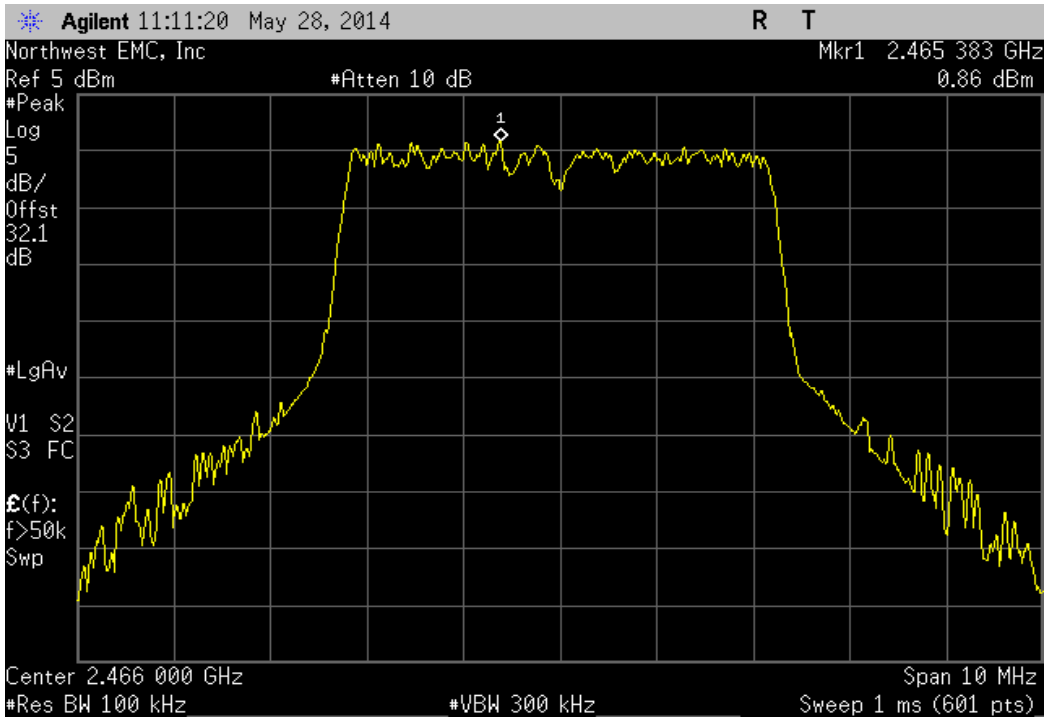
Chain A , 2400 MHz - 2483.5 MHz Band, 5MHz Bandwidth , 3x3 Modulation Type, BPSK, Coding Rate, 1/2., Low Channel 2406 MHz						
	Value	dBm/100kHz	Value	Limit		
	dBm/100kHz	To dBm/3kHz	dBm/3kHz	dBm/3kHz	Result	
	2.934	-15.2	-12.266	8	Pass	



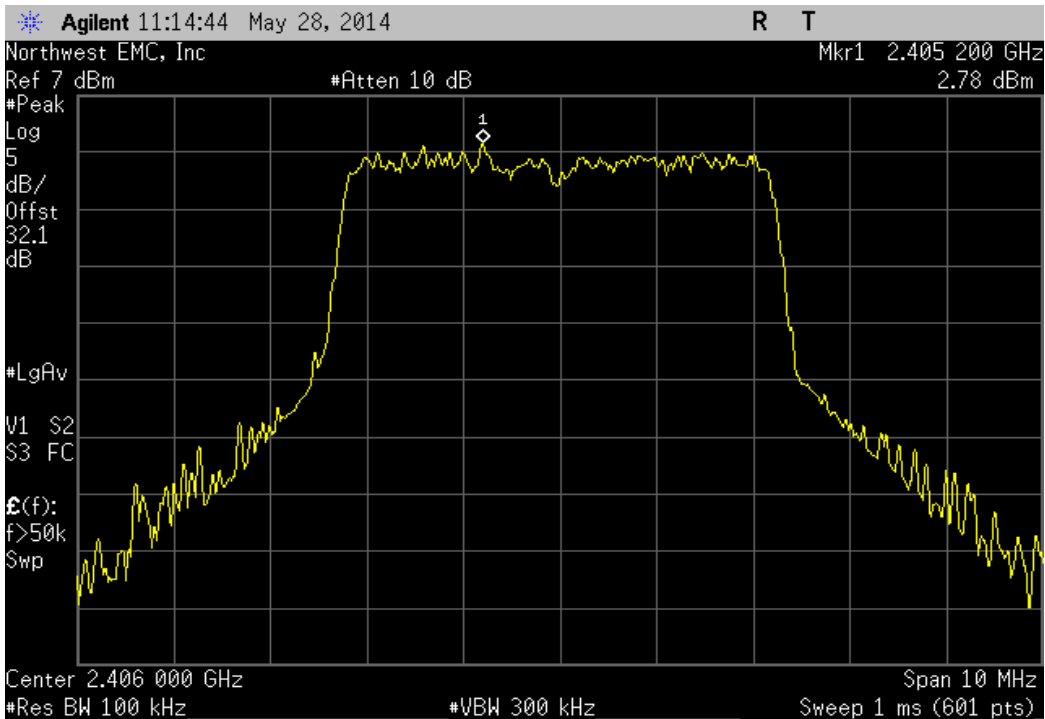
Chain A , 2400 MHz - 2483.5 MHz Band, 5MHz Bandwidth , 3x3 Modulation Type, BPSK, Coding Rate, 1/2., Mid Channel 2436 MHz						
	Value	dBm/100kHz	Value	Limit		
	dBm/100kHz	To dBm/3kHz	dBm/3kHz	dBm/3kHz	Result	
	1.688	-15.2	-13.512	8	Pass	



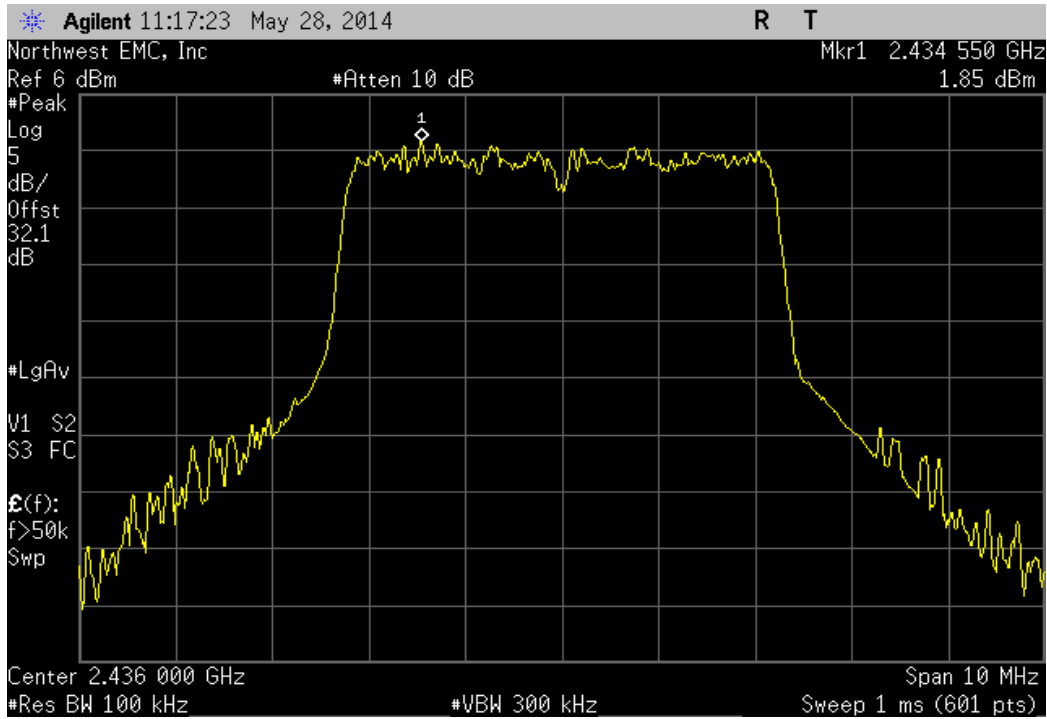
Chain A , 2400 MHz - 2483.5 MHz Band, 5MHz Bandwidth , 3x3 Modulation Type, BPSK, Coding Rate, 1/2., High Channel 2466 MHz						
	Value	dBm/100kHz	To dBm/3kHz	Value	Limit	Result
	dBm/100kHz			dBm/3kHz		
	0.856		-15.2	-14.344	8	Pass



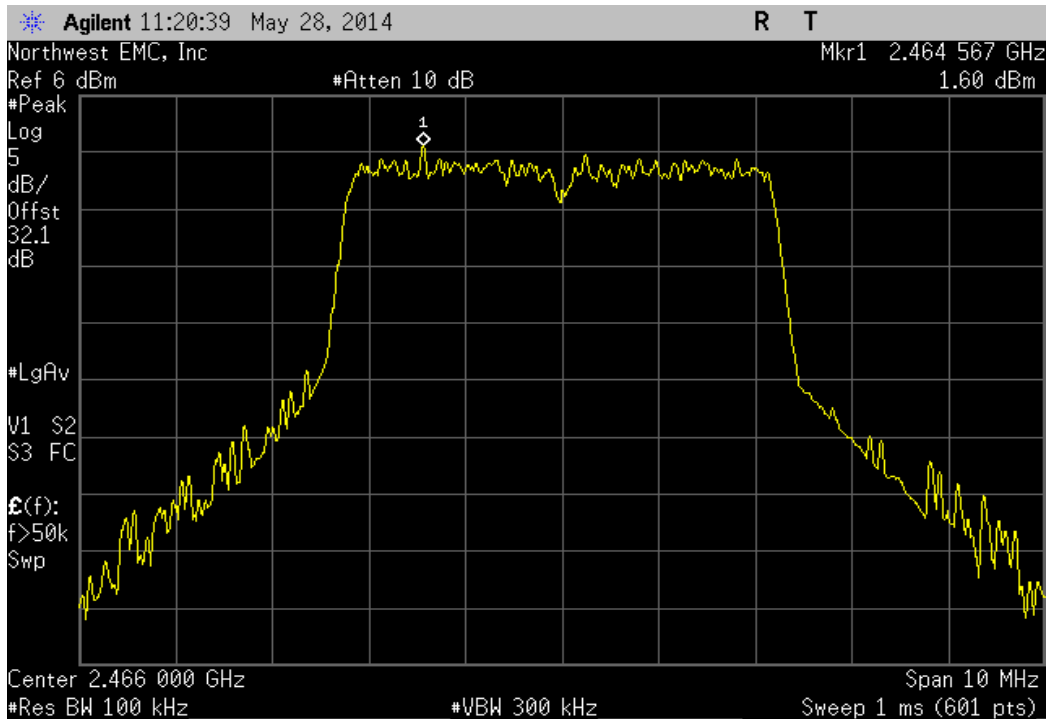
Chain A , 2400 MHz - 2483.5 MHz Band, 5MHz Bandwidth , 3x3 Modulation Type, 64-QAM, Coding Rate, 5/6., Low Channel 2406 MHz						
	Value	dBm/100kHz	To dBm/3kHz	Value	Limit	Result
	dBm/100kHz			dBm/3kHz		
	2.78		-15.2	-12.42	8	Pass



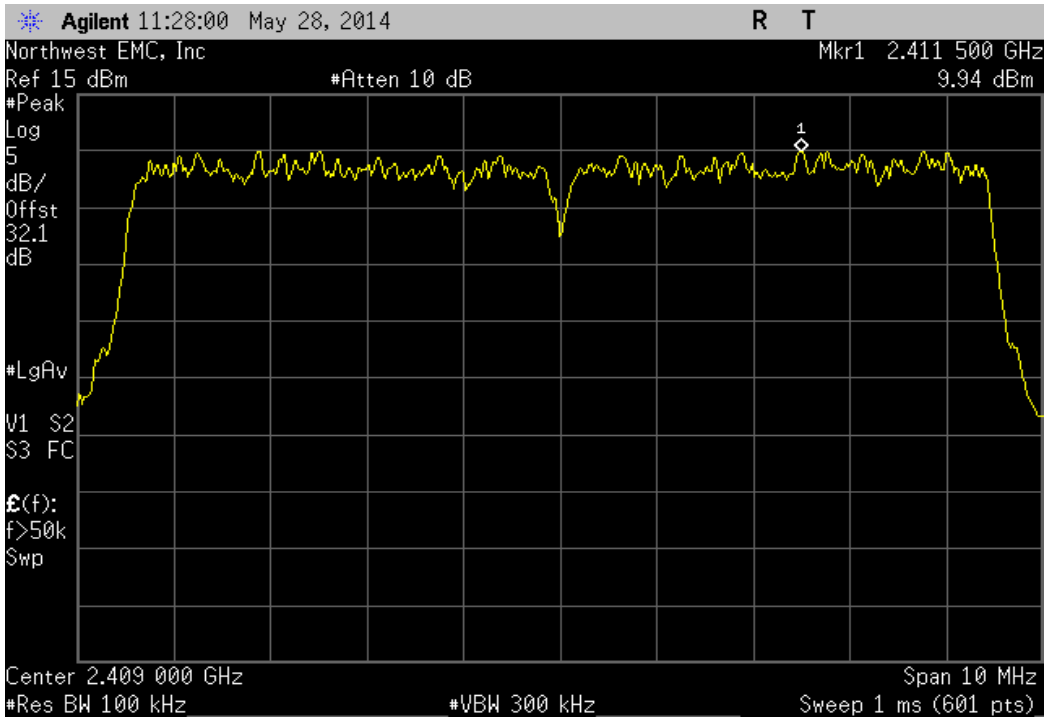
Chain A , 2400 MHz - 2483.5 MHz Band, 5MHz Bandwidth , 3x3 Modulation Type, 64-QAM, Coding Rate, 5/6., Mid Channel 2436 MHz						
	Value	dBm/100kHz	To dBm/3kHz	Value	Limit	Result
	dBm/100kHz			dBm/3kHz	dBm/3kHz	
	1.853	-15.2		-13.347	8	Pass



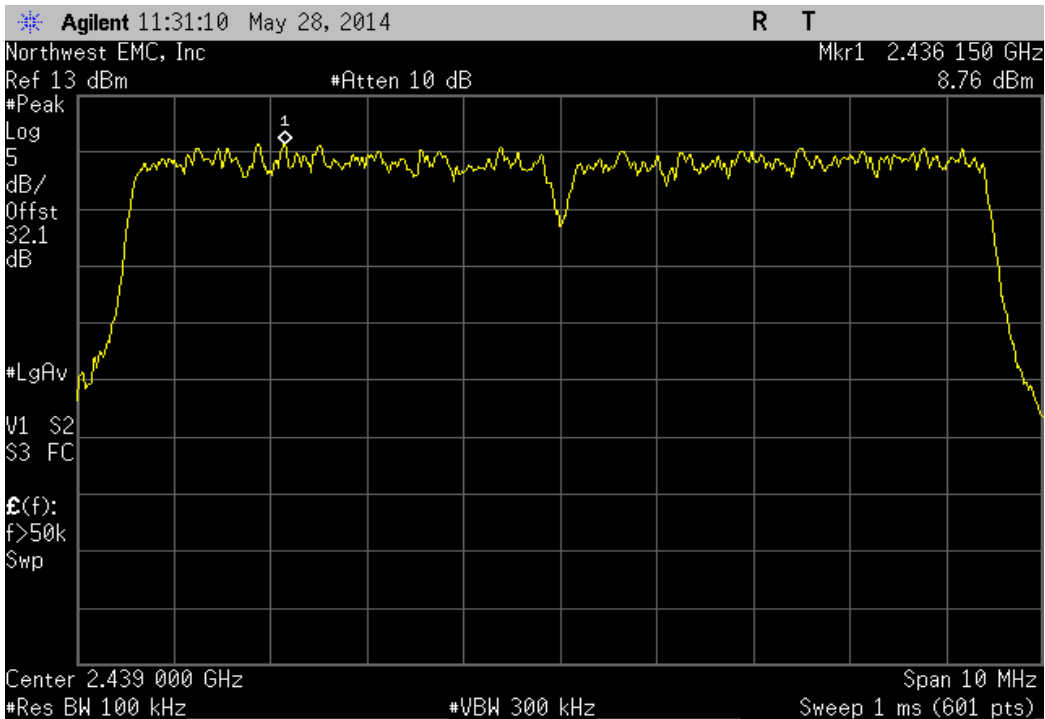
Chain A , 2400 MHz - 2483.5 MHz Band, 5MHz Bandwidth , 3x3 Modulation Type, 64-QAM, Coding Rate, 5/6., High Channel 2466 MHz						
	Value	dBm/100kHz	To dBm/3kHz	Value	Limit	Result
	dBm/100kHz			dBm/3kHz	dBm/3kHz	
	1.596	-15.2		-13.604	8	Pass



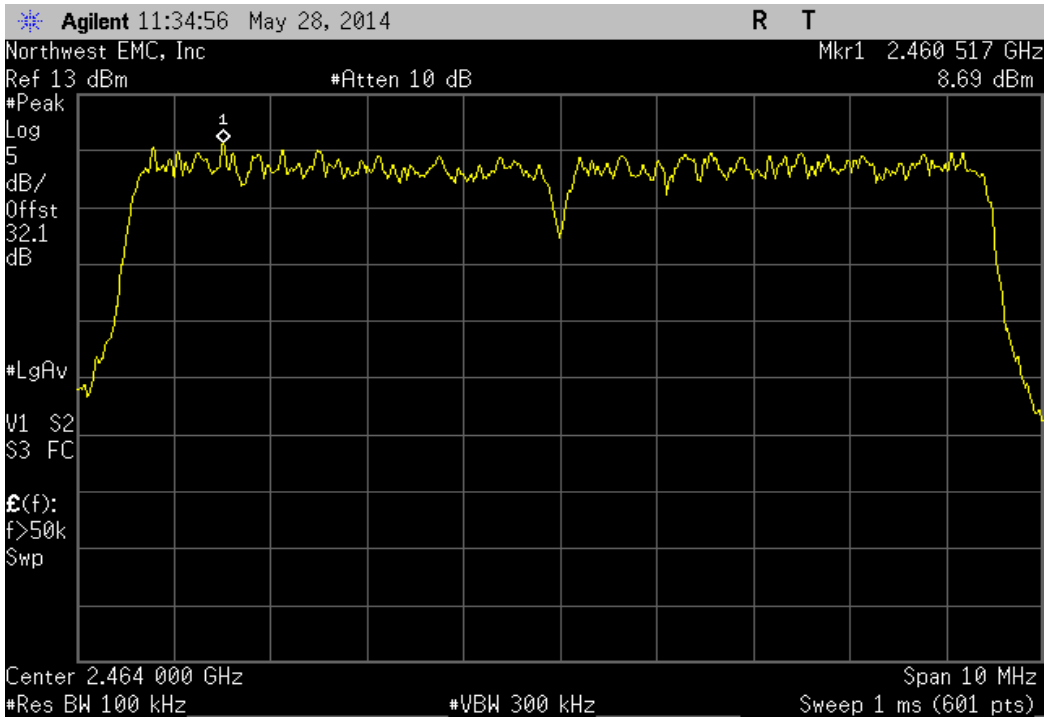
Chain A , 2400 MHz - 2483.5 MHz Band, 10MHz Bandwidth , 3x3 Modulation Type, BPSK, Coding Rate, 1/2., Low Channel 2409 MHz						
	Value	dBm/100kHz	Value	Limit		
	dBm/100kHz	To dBm/3kHz	dBm/3kHz	dBm/3kHz	Result	
	9.937	-15.2	-5.263	8	Pass	



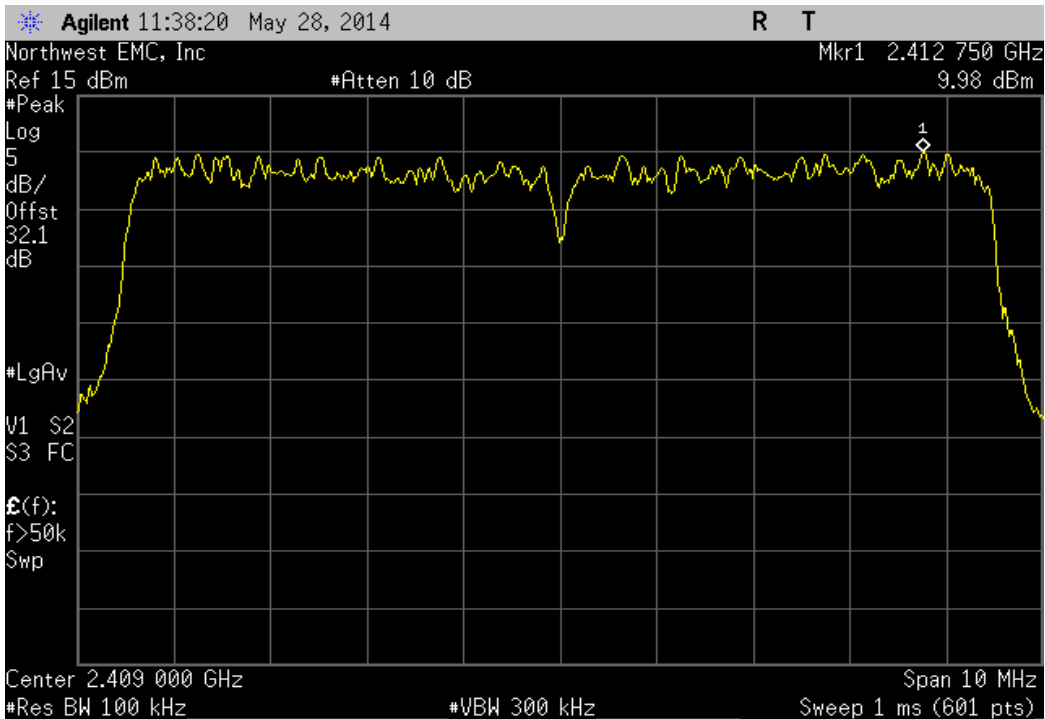
Chain A , 2400 MHz - 2483.5 MHz Band, 10MHz Bandwidth , 3x3 Modulation Type, BPSK, Coding Rate, 1/2., Mid Channel 2439 MHz						
	Value	dBm/100kHz	Value	Limit		
	dBm/100kHz	To dBm/3kHz	dBm/3kHz	dBm/3kHz	Result	
	8.758	-15.2	-6.442	8	Pass	



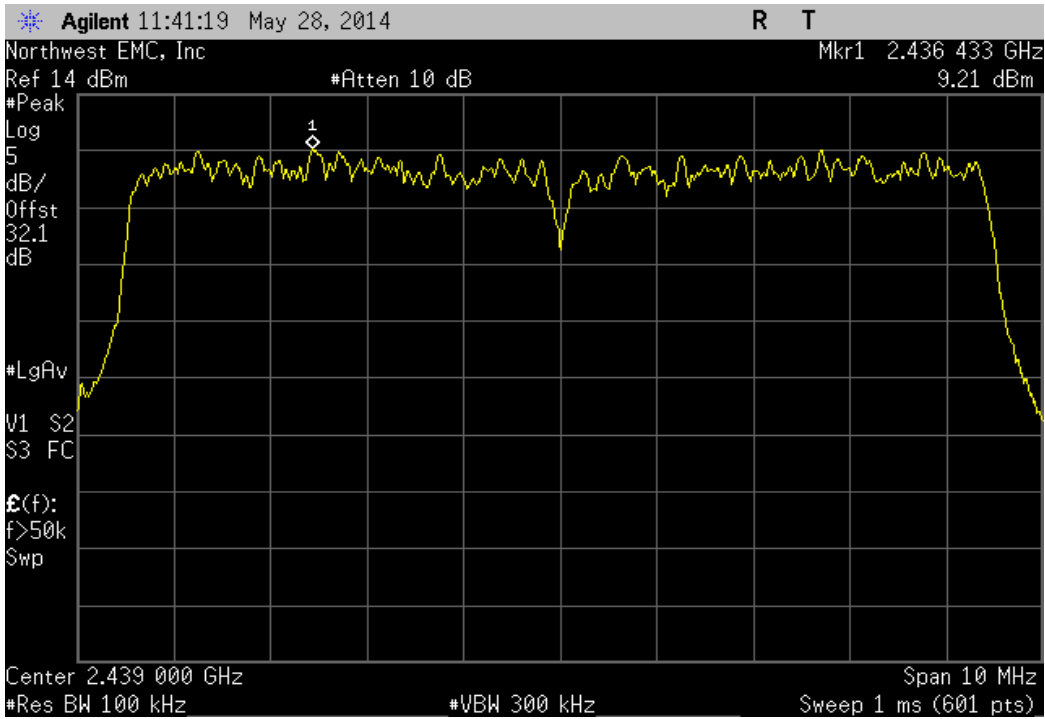
Chain A , 2400 MHz - 2483.5 MHz Band, 10MHz Bandwidth , 3x3 Modulation Type, BPSK, Coding Rate, 1/2., High Channel 2464 MHz						
	Value	dBm/100kHz	Value	Limit		
	dBm/100kHz	To dBm/3kHz	dBm/3kHz	dBm/3kHz	Result	
	8.691	-15.2	-6.509	8	Pass	



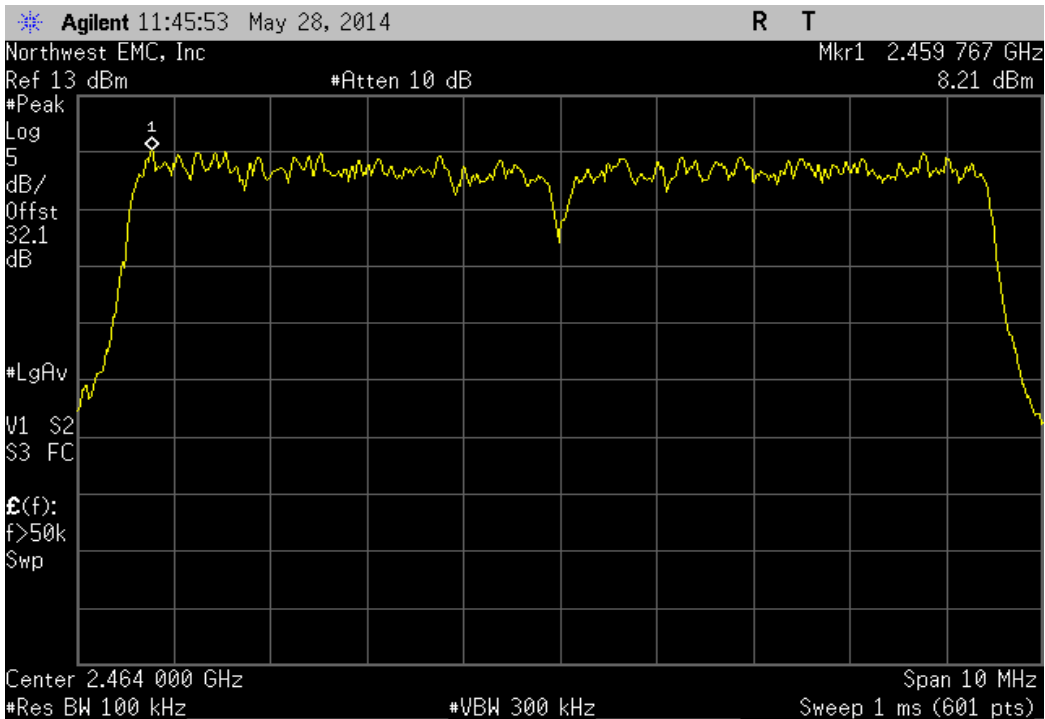
Chain A , 2400 MHz - 2483.5 MHz Band, 10MHz Bandwidth , 3x3 Modulation Type, 64-QAM, Coding Rate, 5/6., Low Channel 2409 MHz						
	Value	dBm/100kHz	Value	Limit		
	dBm/100kHz	To dBm/3kHz	dBm/3kHz	dBm/3kHz	Result	
	9.982	-15.2	-5.218	8	Pass	



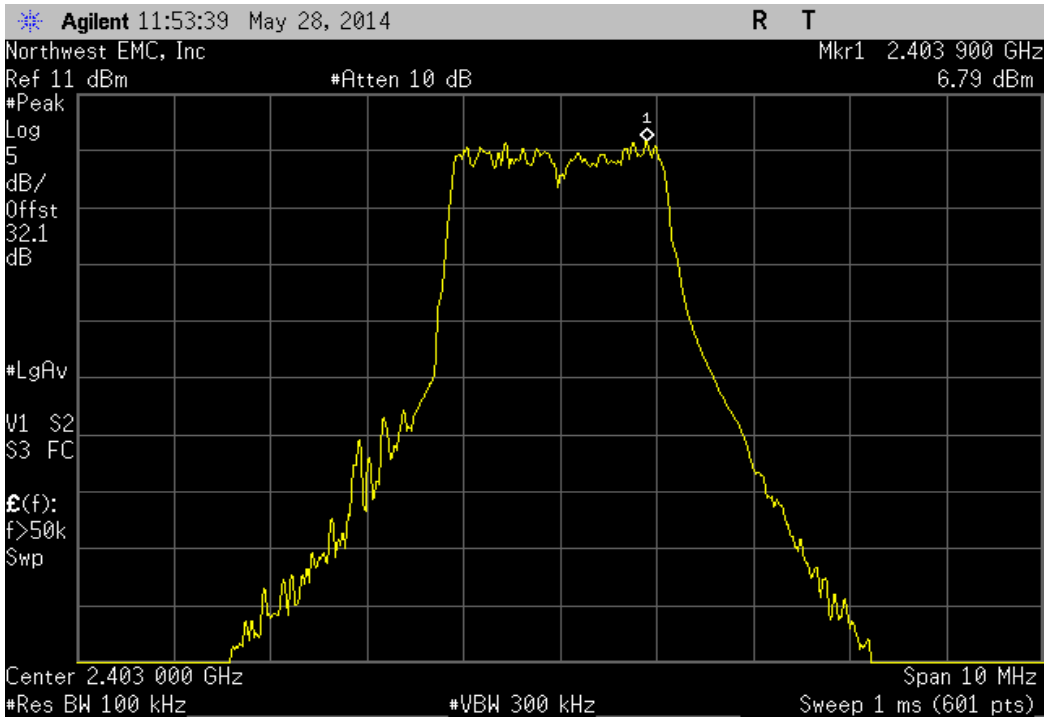
Chain A , 2400 MHz - 2483.5 MHz Band, 10MHz Bandwidth , 3x3 Modulation Type, 64-QAM, Coding Rate, 5/6., Mid Channel 2439 MHz						
	Value	dBm/100kHz	Value	Limit		
	dBm/100kHz	To dBm/3kHz	dBm/3kHz	dBm/3kHz	Result	
	9.214	-15.2	-5.986	8	Pass	



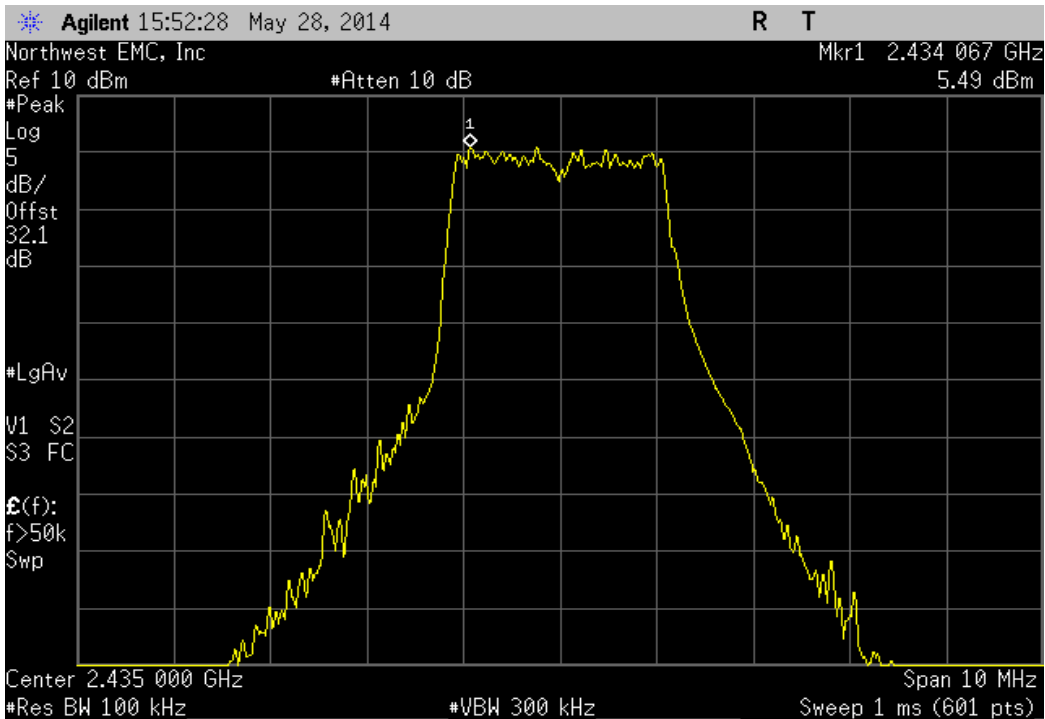
Chain A , 2400 MHz - 2483.5 MHz Band, 10MHz Bandwidth , 3x3 Modulation Type, 64-QAM, Coding Rate, 5/6., High Channel 2464 MHz						
	Value	dBm/100kHz	Value	Limit		
	dBm/100kHz	To dBm/3kHz	dBm/3kHz	dBm/3kHz	Result	
	8.206	-15.2	-6.994	8	Pass	



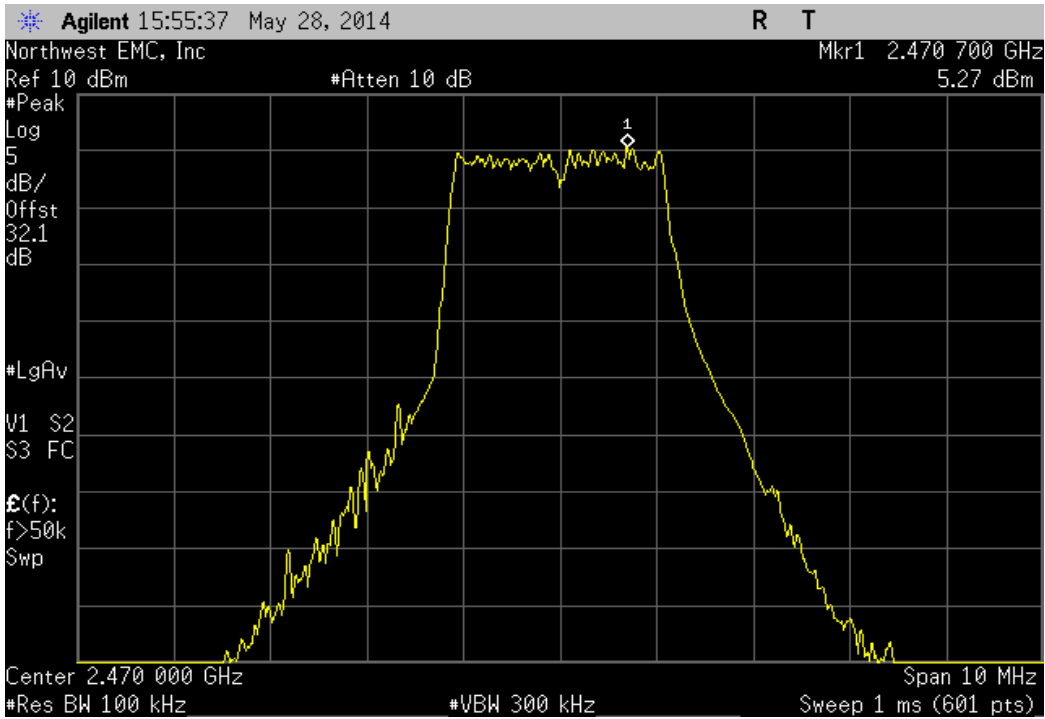
Chain B, 2400 MHz - 2483.5 MHz Band, 2.5MHz Bandwidth , 3x3 Modulation Type, BPSK, Coding Rate, 1/2., Low Channel 2403 MHz						
	Value	dBm/100kHz	Value	Limit		
	dBm/100kHz	To dBm/3kHz	dBm/3kHz	dBm/3kHz	Result	
	6.791	-15.2	-8.409	8	Pass	



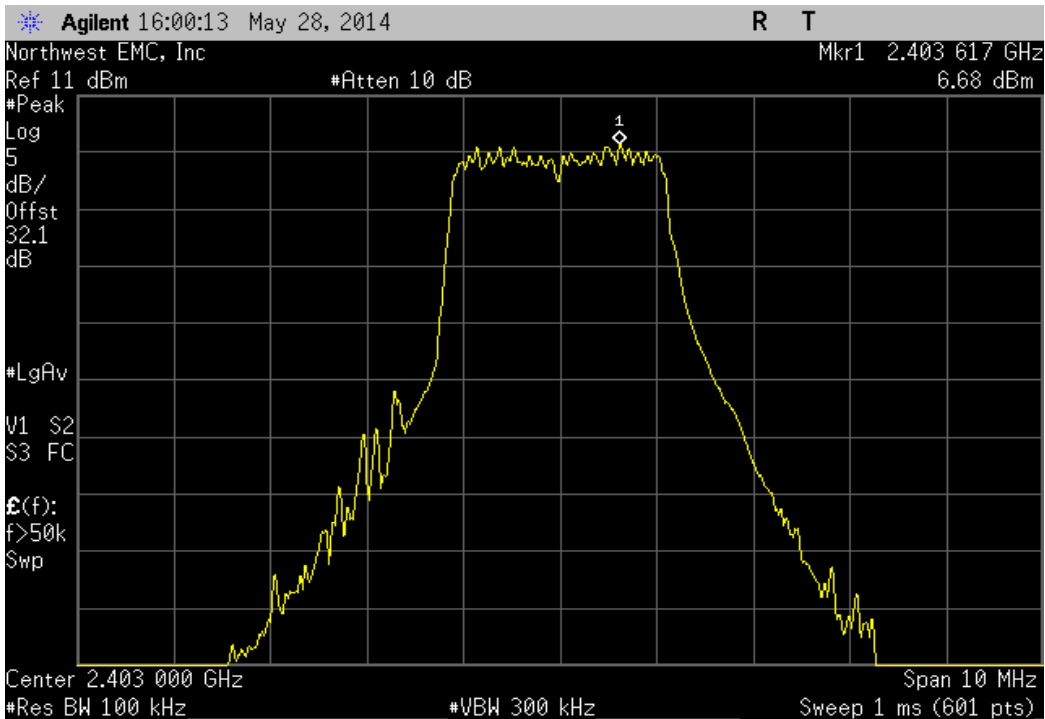
Chain B, 2400 MHz - 2483.5 MHz Band, 2.5MHz Bandwidth , 3x3 Modulation Type, BPSK, Coding Rate, 1/2., Mid Channel 2435 MHz						
	Value	dBm/100kHz	Value	Limit		
	dBm/100kHz	To dBm/3kHz	dBm/3kHz	dBm/3kHz	Result	
	5.493	-15.2	-9.707	8	Pass	



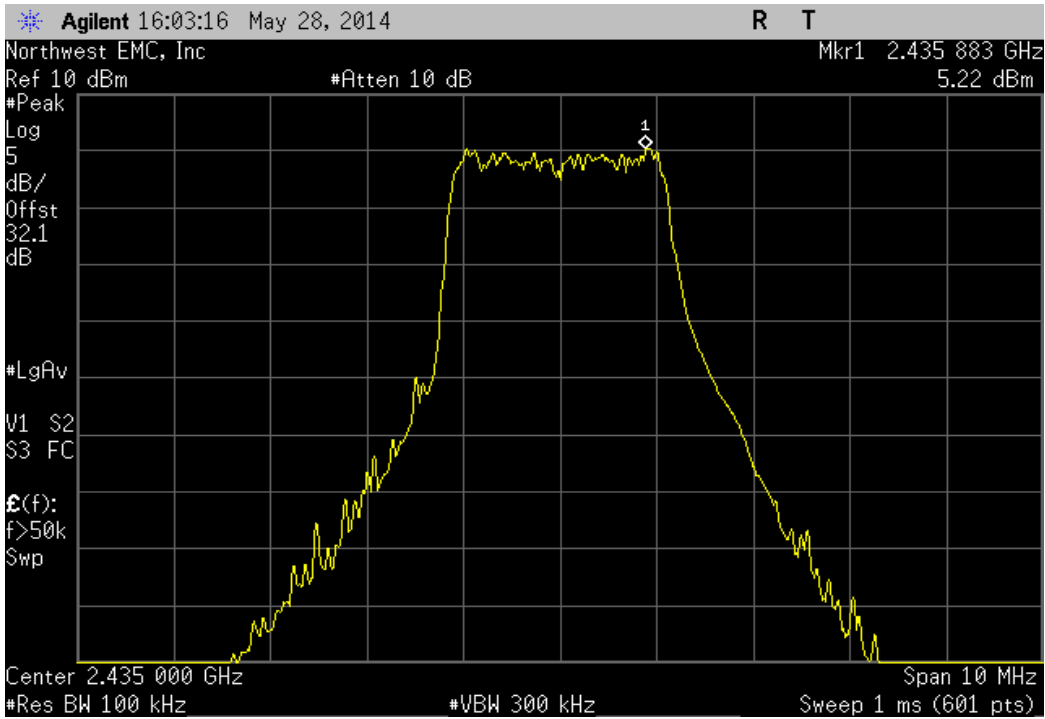
Chain B, 2400 MHz - 2483.5 MHz Band, 2.5MHz Bandwidth , 3x3 Modulation Type, BPSK, Coding Rate, 1/2., High Channel 2470 MHz						
	Value	dBm/100kHz	Value	Limit		
	dBm/100kHz	To dBm/3kHz	dBm/3kHz	dBm/3kHz	Result	
	5.271	-15.2	-9.929	8	Pass	



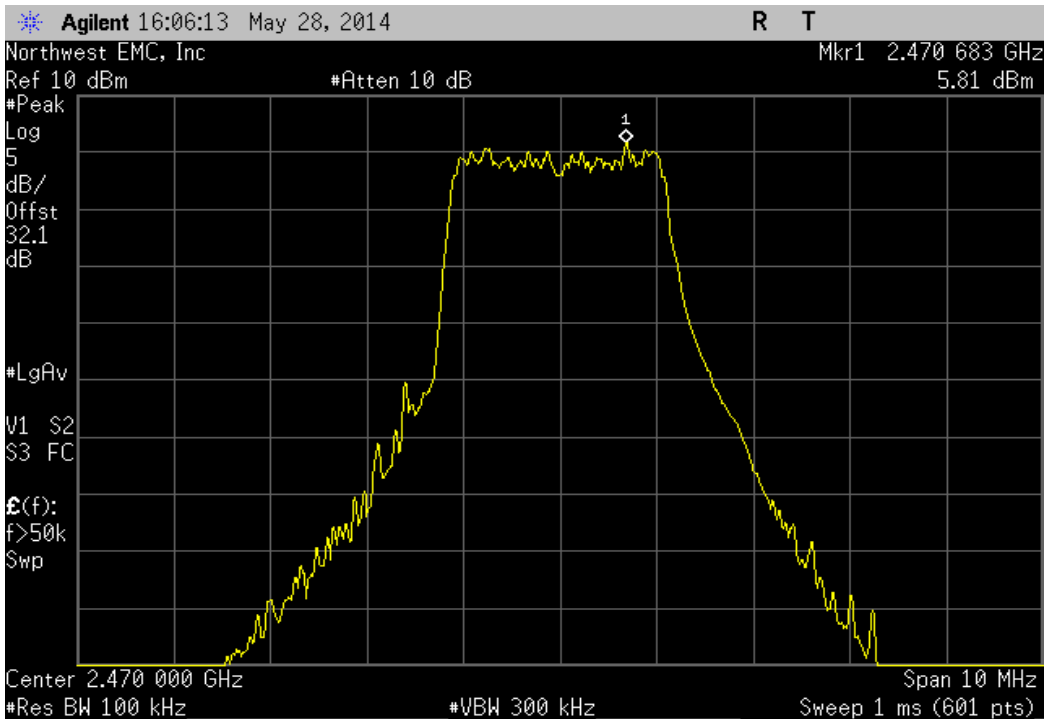
Chain B, 2400 MHz - 2483.5 MHz Band, 2.5MHz Bandwidth , 3x3 Modulation Type, 64-QAM, Coding Rate, 5/6., Low Channel 2403 MHz						
	Value	dBm/100kHz	Value	Limit		
	dBm/100kHz	To dBm/3kHz	dBm/3kHz	dBm/3kHz	Result	
	6.684	-15.2	-8.516	8	Pass	



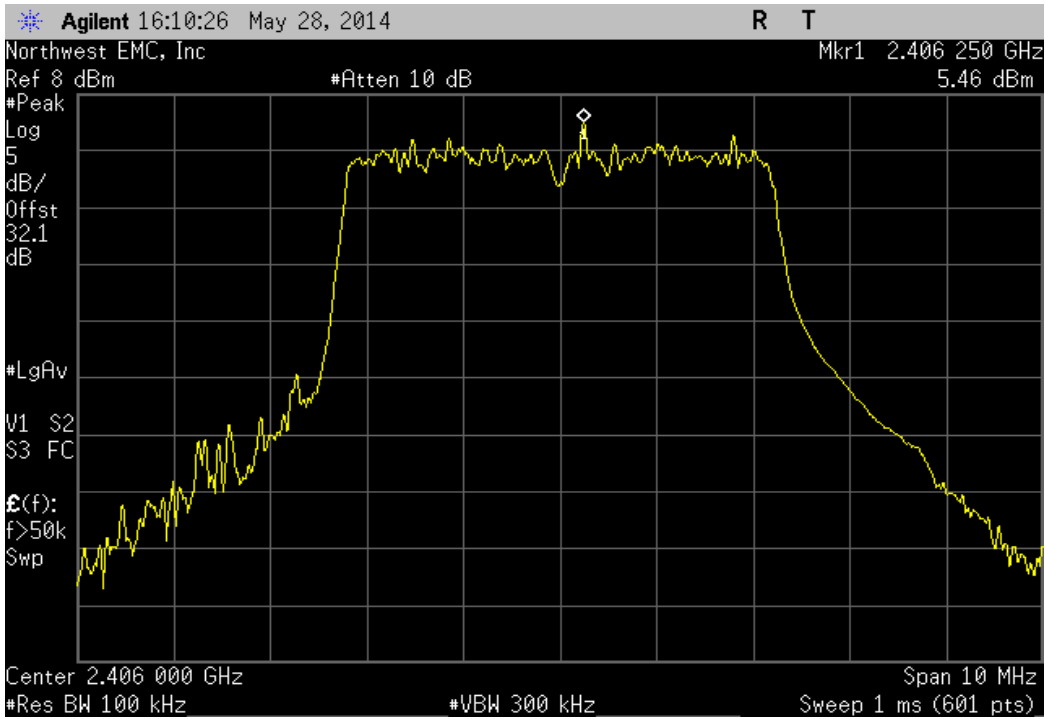
Chain B, 2400 MHz - 2483.5 MHz Band, 2.5MHz Bandwidth , 3x3 Modulation Type, 64-QAM, Coding Rate, 5/6., Mid Channel 2435 MHz						
	Value	dBm/100kHz	Value	Limit		
	dBm/100kHz	To dBm/3kHz	dBm/3kHz	dBm/3kHz	Result	
	5.215	-15.2	-9.985	8	Pass	



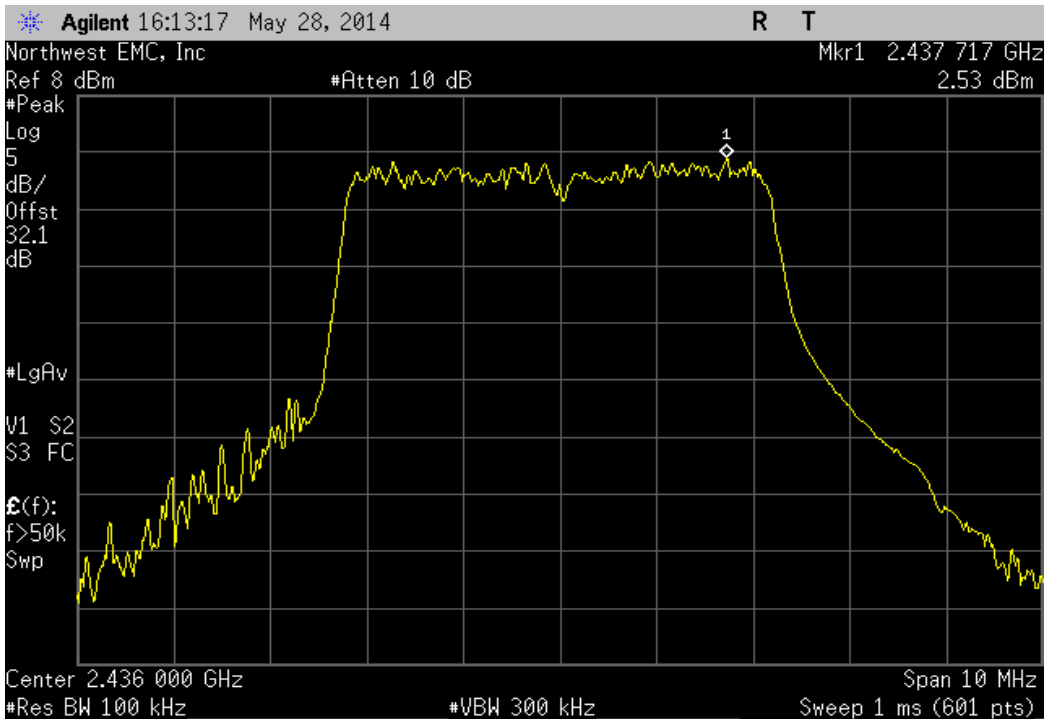
Chain B, 2400 MHz - 2483.5 MHz Band, 2.5MHz Bandwidth , 3x3 Modulation Type, 64-QAM, Coding Rate, 5/6., High Channel 2470 MHz						
	Value	dBm/100kHz	Value	Limit		
	dBm/100kHz	To dBm/3kHz	dBm/3kHz	dBm/3kHz	Result	
	5.807	-15.2	-9.393	8	Pass	



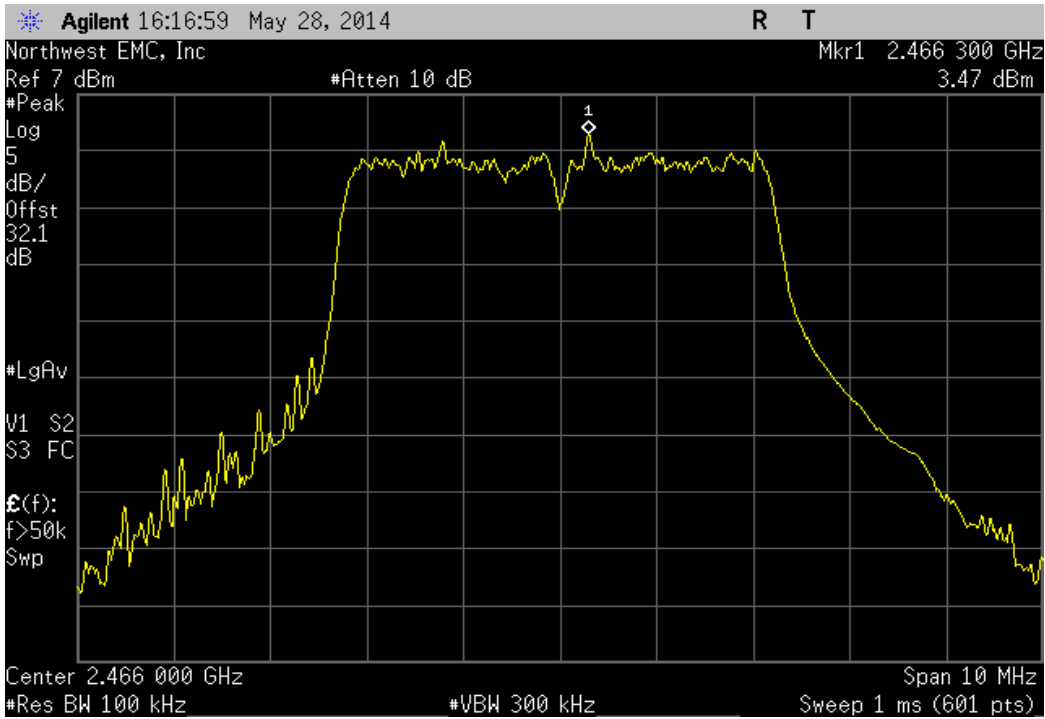
Chain B, 2400 MHz - 2483.5 MHz Band, 5MHz Bandwidth , 3x3 Modulation Type, BPSK, Coding Rate, 1/2., Low Channel 2406 MHz						
	Value	dBm/100kHz	Value	Limit		
	dBm/100kHz	To dBm/3kHz	dBm/3kHz	dBm/3kHz	Result	
	5.459	-15.2	-9.741	8	Pass	



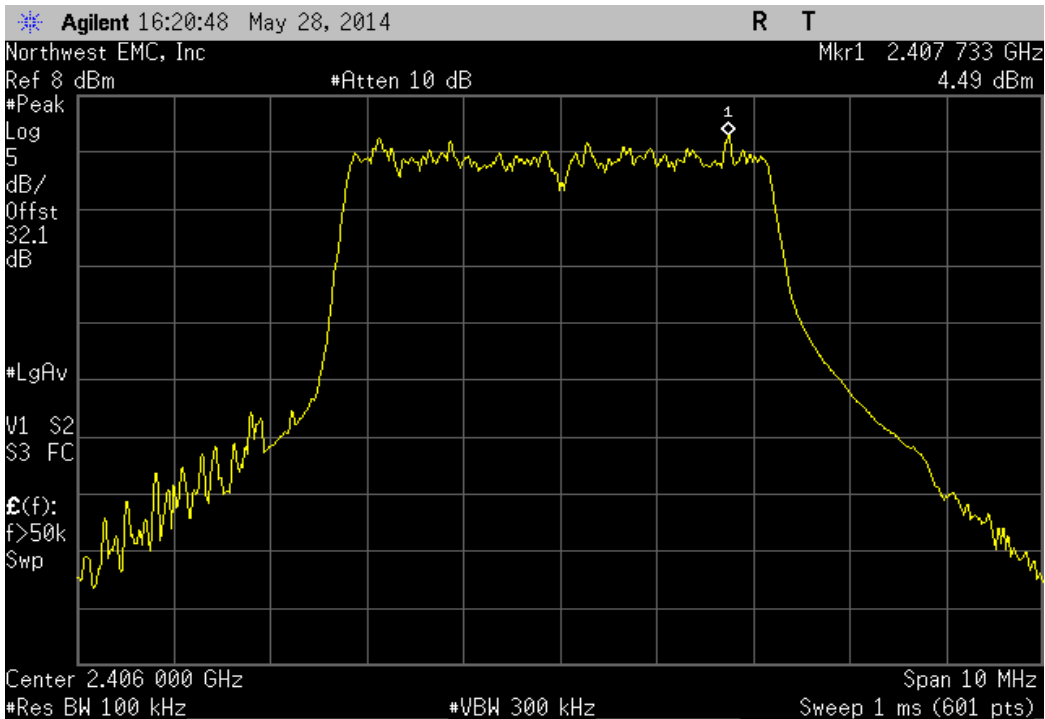
Chain B, 2400 MHz - 2483.5 MHz Band, 5MHz Bandwidth , 3x3 Modulation Type, BPSK, Coding Rate, 1/2., Mid Channel 2436 MHz						
	Value	dBm/100kHz	Value	Limit		
	dBm/100kHz	To dBm/3kHz	dBm/3kHz	dBm/3kHz	Result	
	2.533	-15.2	-12.667	8	Pass	



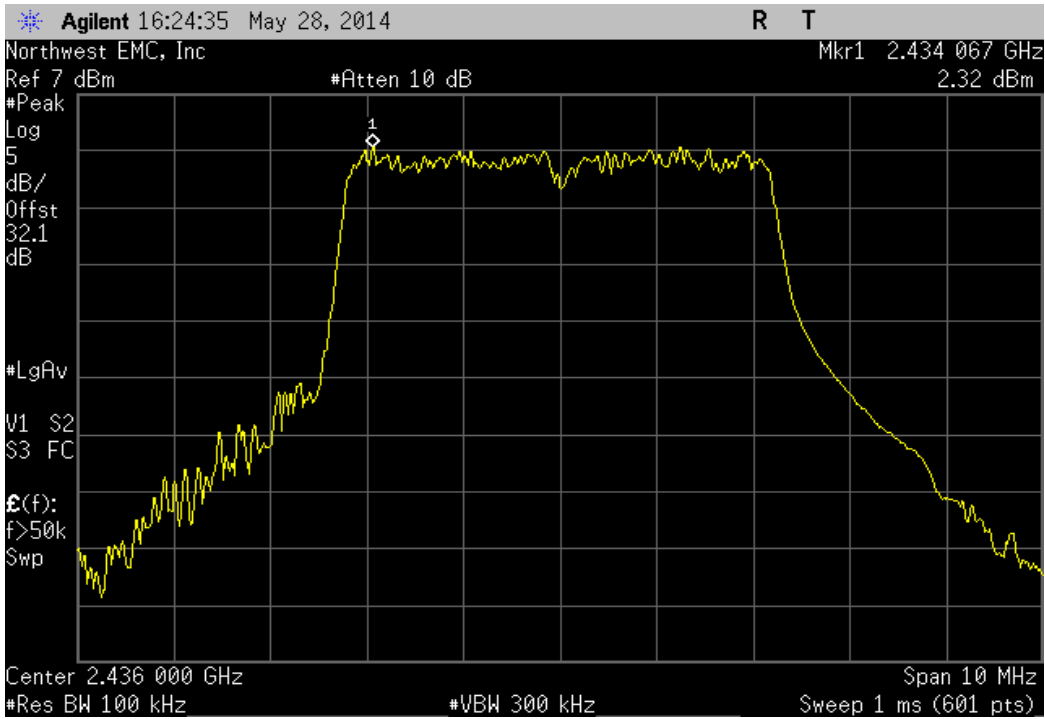
Chain B, 2400 MHz - 2483.5 MHz Band, 5MHz Bandwidth , 3x3 Modulation Type, BPSK, Coding Rate, 1/2., High Channel 2466 MHz						
	Value	dBm/100kHz	To dBm/3kHz	Value	Limit	Result
	dBm/100kHz			dBm/3kHz	dBm/3kHz	
	3.469	-15.2		-11.731	8	Pass



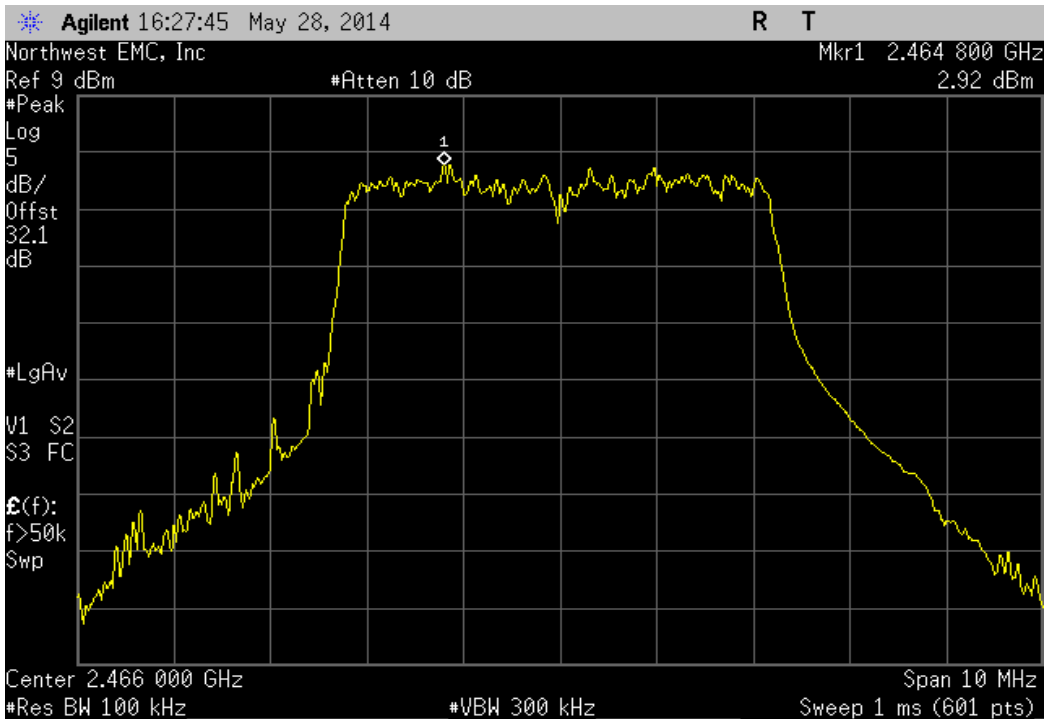
Chain B, 2400 MHz - 2483.5 MHz Band, 5MHz Bandwidth , 3x3 Modulation Type, 64-QAM, Coding Rate, 5/6., Low Channel 2406 MHz						
	Value	dBm/100kHz	To dBm/3kHz	Value	Limit	Result
	dBm/100kHz			dBm/3kHz	dBm/3kHz	
	4.486	-15.2		-10.714	8	Pass



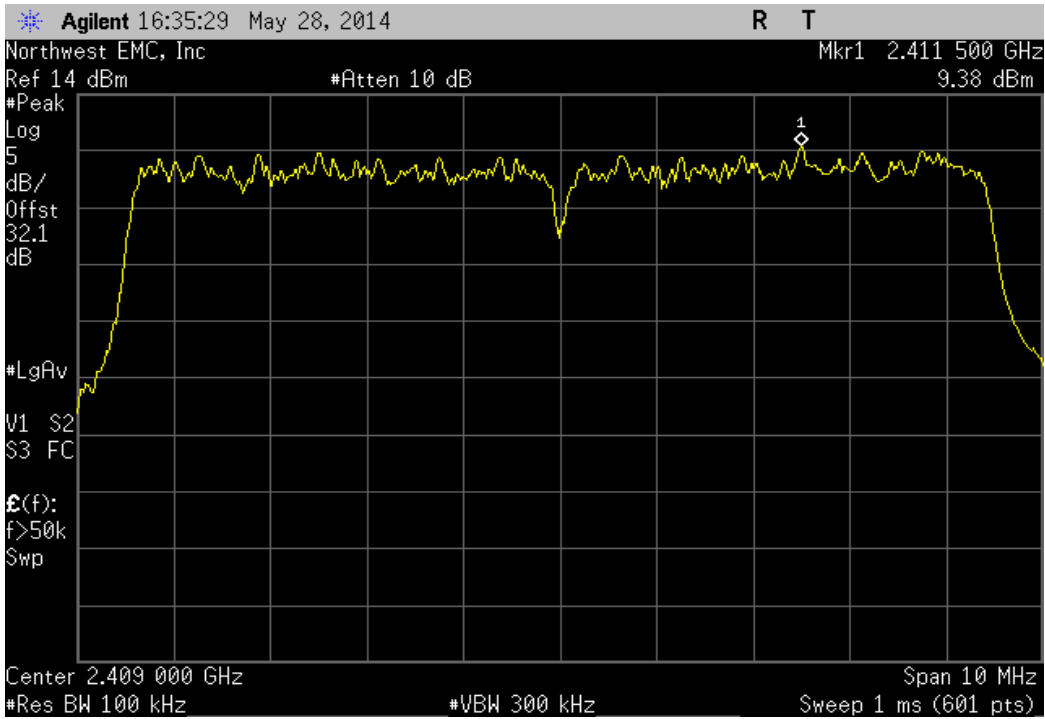
Chain B, 2400 MHz - 2483.5 MHz Band, 5MHz Bandwidth , 3x3 Modulation Type, 64-QAM, Coding Rate, 5/6., Mid Channel 2436 MHz						
	Value	dBm/100kHz	To dBm/3kHz	Value	Limit	Result
	dBm/100kHz			dBm/3kHz	dBm/3kHz	
	2.319	-15.2	-12.881	8	Pass	



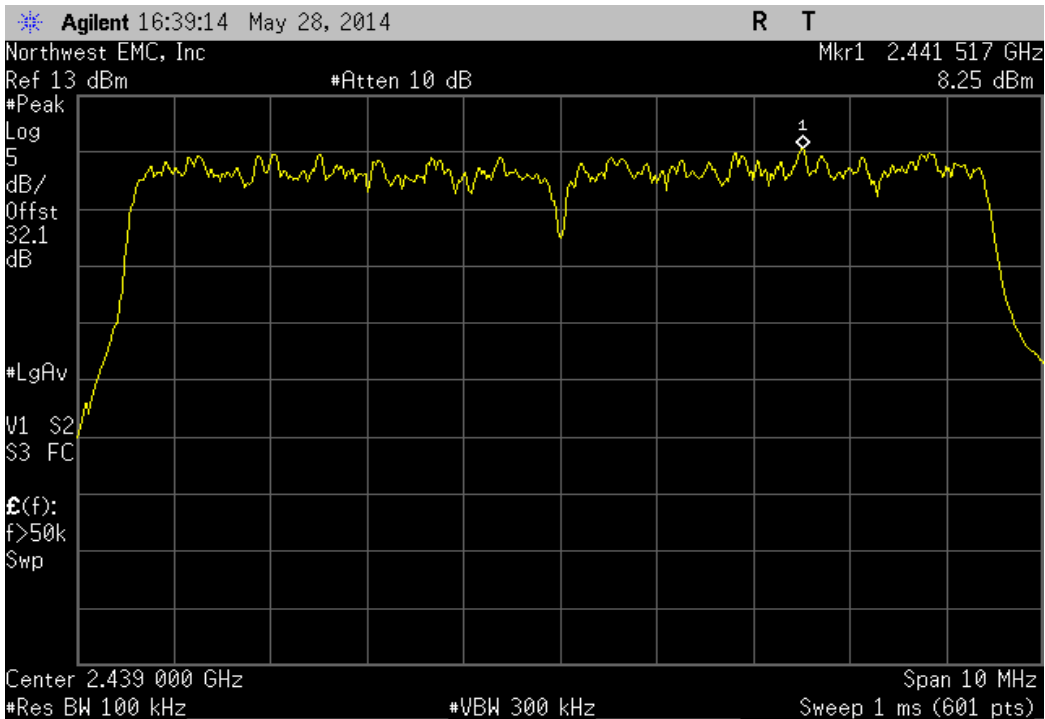
Chain B, 2400 MHz - 2483.5 MHz Band, 5MHz Bandwidth , 3x3 Modulation Type, 64-QAM, Coding Rate, 5/6., High Channel 2466 MHz						
	Value	dBm/100kHz	To dBm/3kHz	Value	Limit	Result
	dBm/100kHz			dBm/3kHz	dBm/3kHz	
	2.916	-15.2	-12.284	8	Pass	



Chain B, 2400 MHz - 2483.5 MHz Band, 10MHz Bandwidth , 3x3 Modulation Type, BPSK, Coding Rate, 1/2., Low Channel 2409 MHz						
	Value	dBm/100kHz	Value	Limit		
	dBm/100kHz	To dBm/3kHz	dBm/3kHz	dBm/3kHz	Result	
	9.381	-15.2	-5.819	8	Pass	

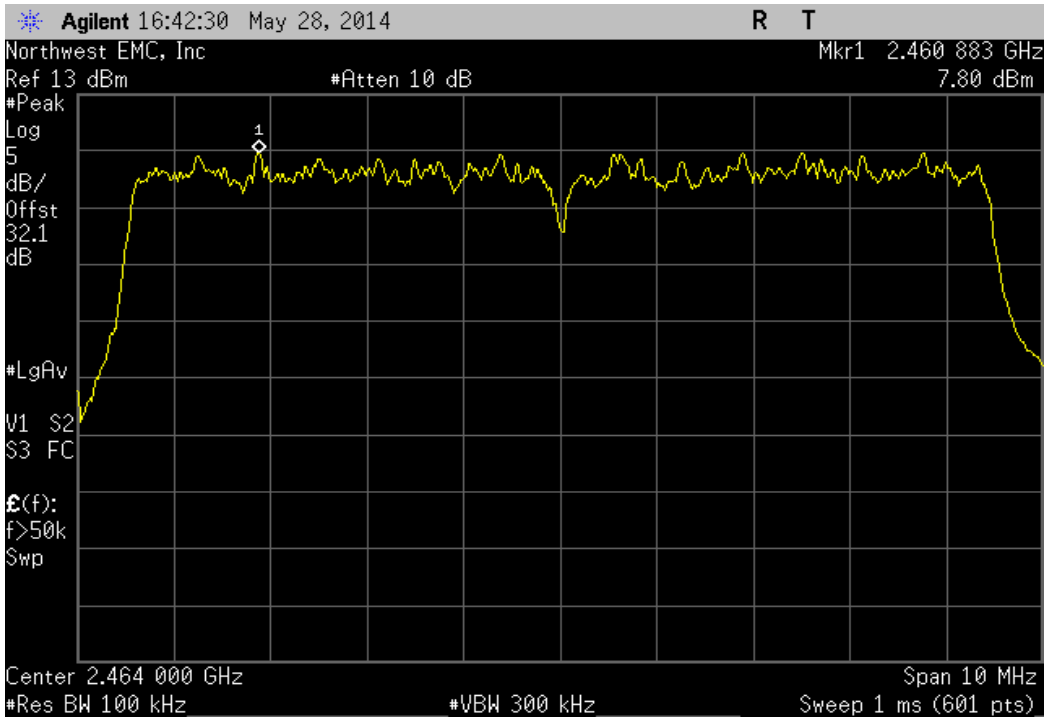


Chain B, 2400 MHz - 2483.5 MHz Band, 10MHz Bandwidth , 3x3 Modulation Type, BPSK, Coding Rate, 1/2., Mid Channel 2439 MHz						
	Value	dBm/100kHz	Value	Limit		
	dBm/100kHz	To dBm/3kHz	dBm/3kHz	dBm/3kHz	Result	
	8.248	-15.2	-6.952	8	Pass	



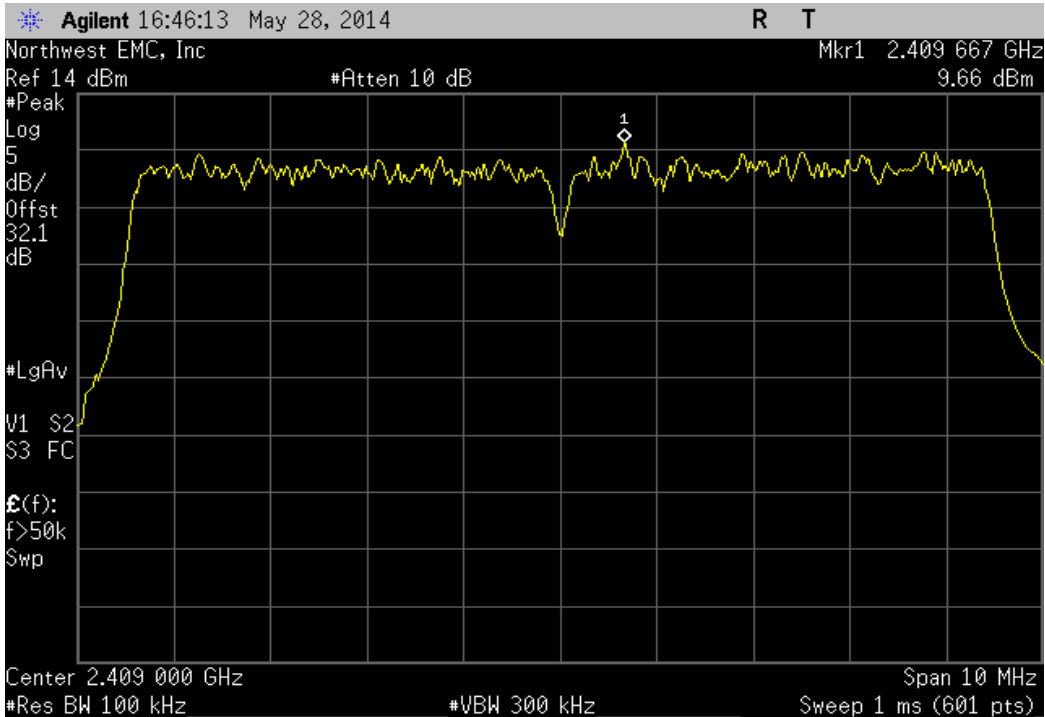
Chain B, 2400 MHz - 2483.5 MHz Band, 10MHz Bandwidth , 3x3 Modulation Type, BPSK, Coding Rate, 1/2., High Channel 2464 MHz

	Value	dBm/100kHz	Value	Limit	Result
	dBm/100kHz	To dBm/3kHz	dBm/3kHz	dBm/3kHz	
	7.8	-15.2	-7.4	8	Pass

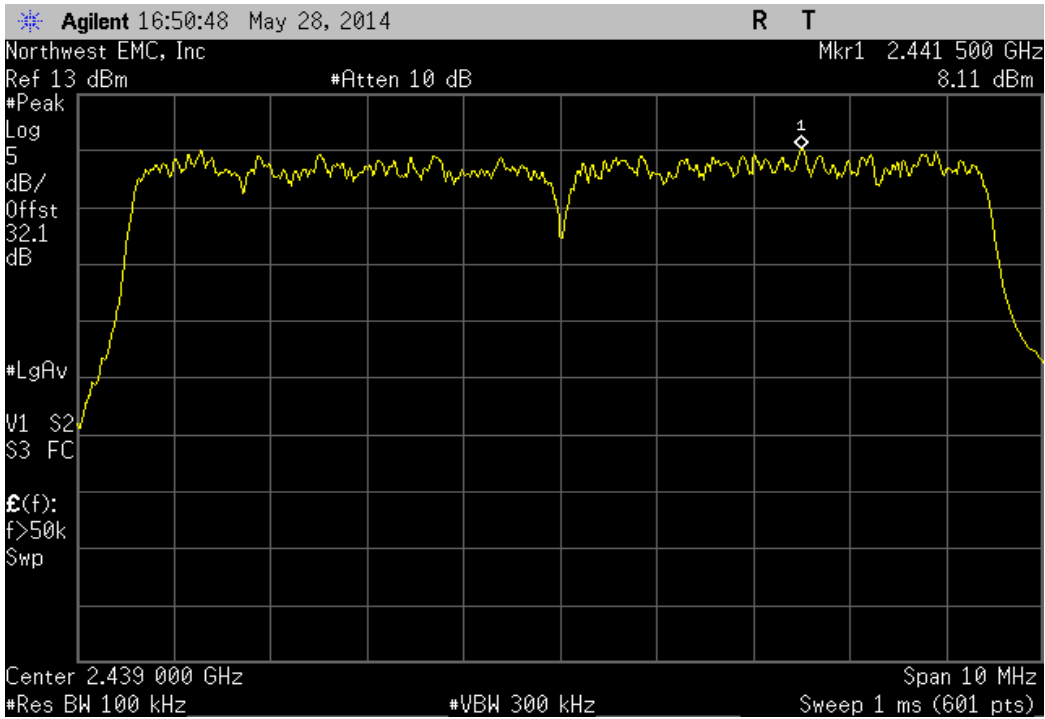


Chain B, 2400 MHz - 2483.5 MHz Band, 10MHz Bandwidth , 3x3 Modulation Type, 64-QAM, Coding Rate, 5/6., Low Channel 2409 MHz

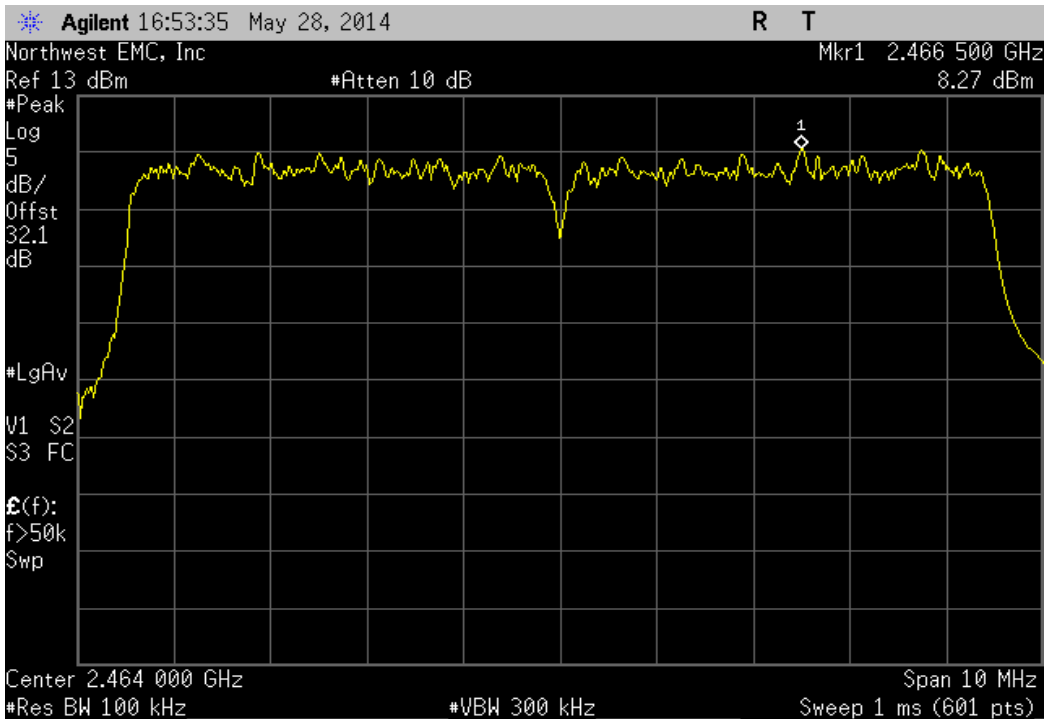
	Value	dBm/100kHz	Value	Limit	Result
	dBm/100kHz	To dBm/3kHz	dBm/3kHz	dBm/3kHz	
	9.661	-15.2	-5.539	8	Pass



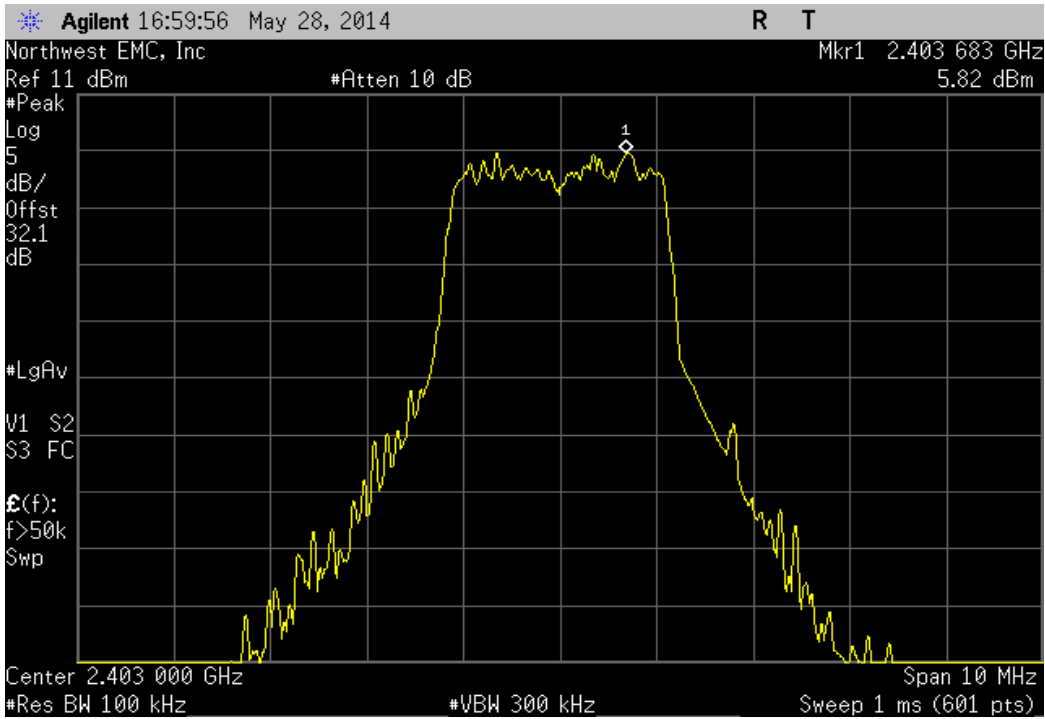
Chain B, 2400 MHz - 2483.5 MHz Band, 10MHz Bandwidth , 3x3 Modulation Type, 64-QAM, Coding Rate, 5/6., Mid Channel 2439 MHz						
	Value	dBm/100kHz	Value	Limit		
	dBm/100kHz	To dBm/3kHz	dBm/3kHz	dBm/3kHz	Result	
	8.109	-15.2	-7.091	8	Pass	



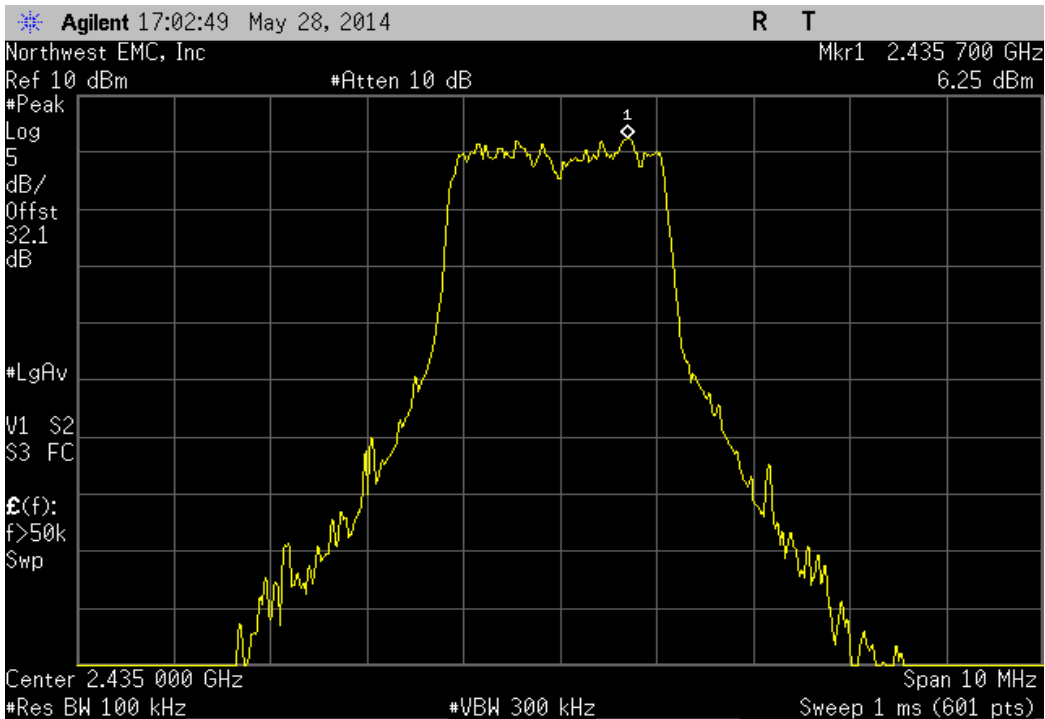
Chain B, 2400 MHz - 2483.5 MHz Band, 10MHz Bandwidth , 3x3 Modulation Type, 64-QAM, Coding Rate, 5/6., High Channel 2464 MHz						
	Value	dBm/100kHz	Value	Limit		
	dBm/100kHz	To dBm/3kHz	dBm/3kHz	dBm/3kHz	Result	
	8.272	-15.2	-6.928	8	Pass	



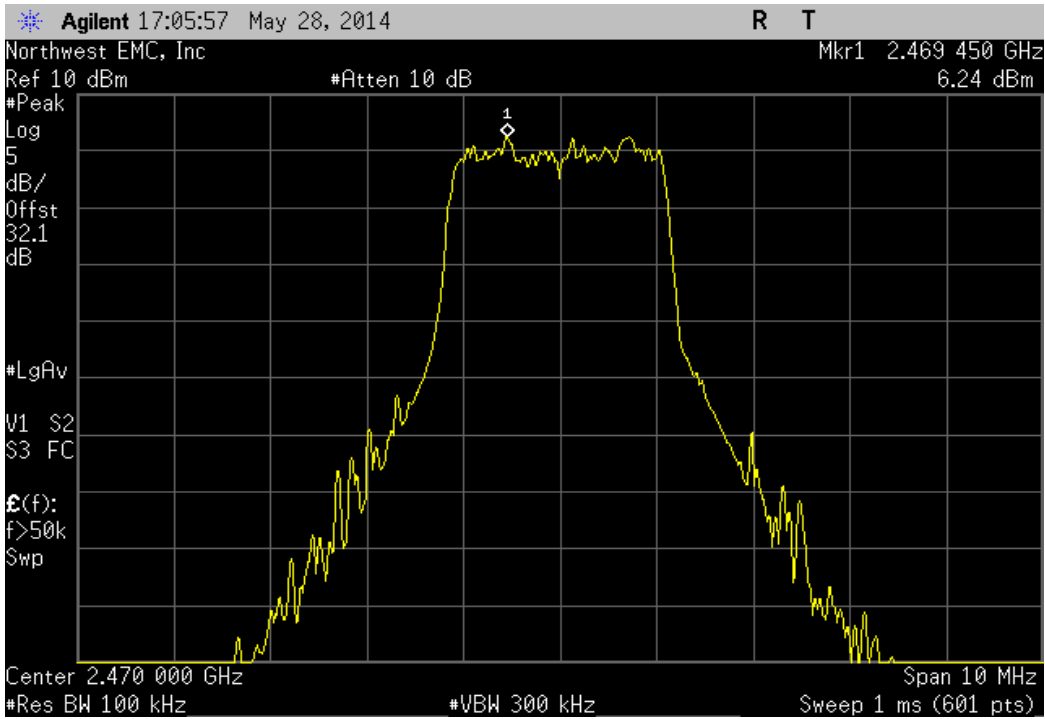
Chain C, 2400 MHz - 2483.5 MHz Band, 2.5MHz Bandwidth , 3x3 Modulation Type, BPSK, Coding Rate, 1/2., Low Channel 2403 MHz						
	Value	dBm/100kHz	Value	Limit		
	dBm/100kHz	To dBm/3kHz	dBm/3kHz	dBm/3kHz	Result	
	5.825	-15.2	-9.375	8	Pass	



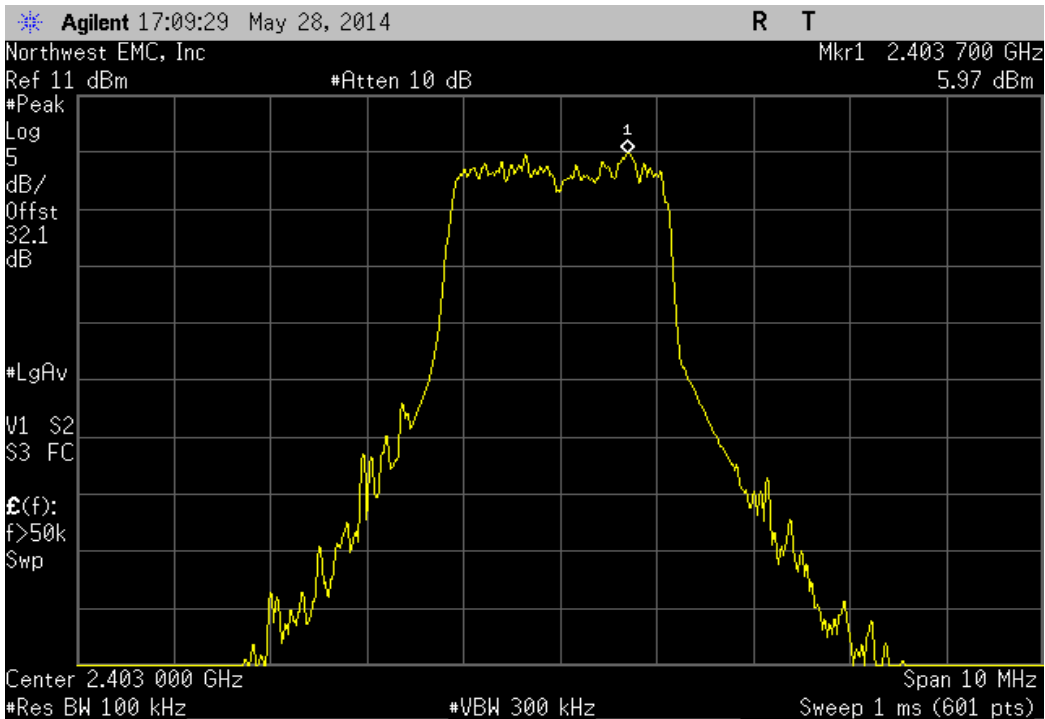
Chain C, 2400 MHz - 2483.5 MHz Band, 2.5MHz Bandwidth , 3x3 Modulation Type, BPSK, Coding Rate, 1/2., Mid Channel 2435 MHz						
	Value	dBm/100kHz	Value	Limit		
	dBm/100kHz	To dBm/3kHz	dBm/3kHz	dBm/3kHz	Result	
	6.251	-15.2	-8.949	8	Pass	



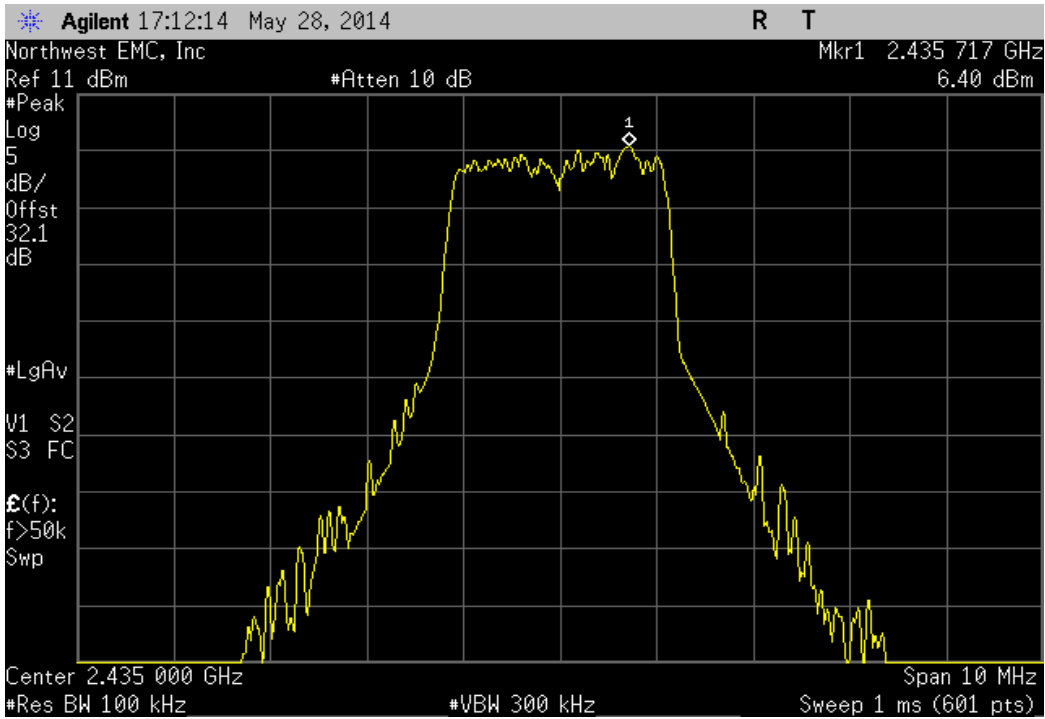
Chain C, 2400 MHz - 2483.5 MHz Band, 2.5MHz Bandwidth , 3x3 Modulation Type, BPSK, Coding Rate, 1/2., High Channel 2470 MHz						
	Value	dBm/100kHz	Value	Limit		
	dBm/100kHz	To dBm/3kHz	dBm/3kHz	dBm/3kHz	Result	
	6.241	-15.2	-8.959	8	Pass	



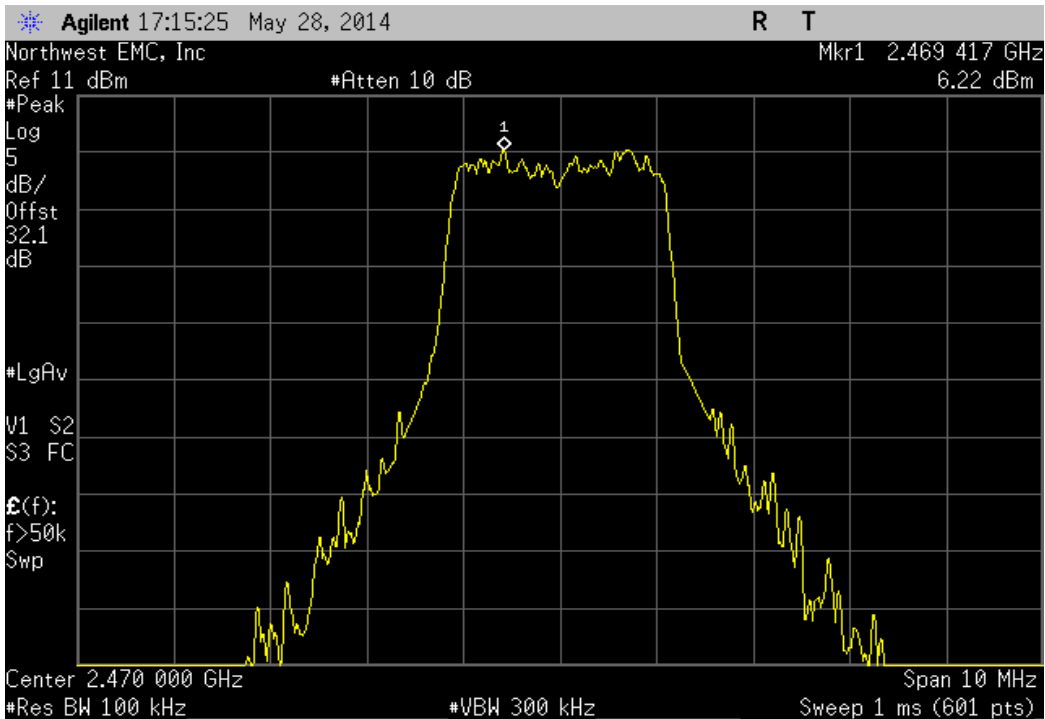
Chain C, 2400 MHz - 2483.5 MHz Band, 2.5MHz Bandwidth , 3x3 Modulation Type, 64-QAM, Coding Rate, 5/6., Low Channel 2403 MHz						
	Value	dBm/100kHz	Value	Limit		
	dBm/100kHz	To dBm/3kHz	dBm/3kHz	dBm/3kHz	Result	
	5.966	-15.2	-9.234	8	Pass	



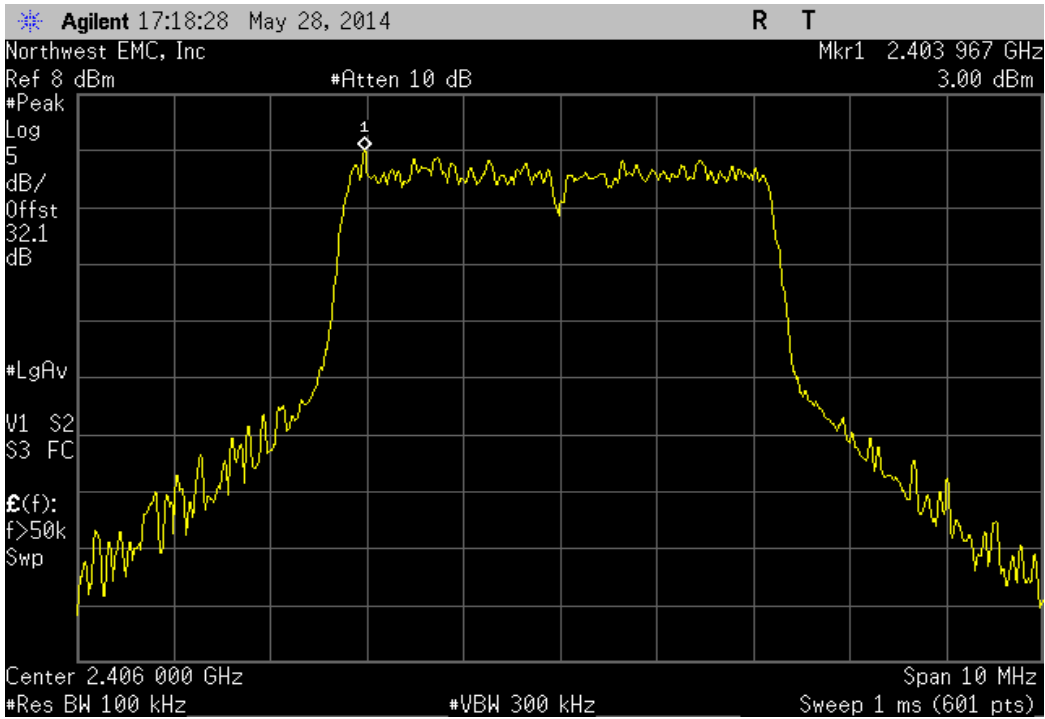
Chain C, 2400 MHz - 2483.5 MHz Band, 2.5MHz Bandwidth , 3x3 Modulation Type, 64-QAM, Coding Rate, 5/6., Mid Channel 2435 MHz						
	Value	dBm/100kHz	Value	Limit		
	dBm/100kHz	To dBm/3kHz	dBm/3kHz	dBm/3kHz	Result	
	6.399	-15.2	-8.801	8	Pass	



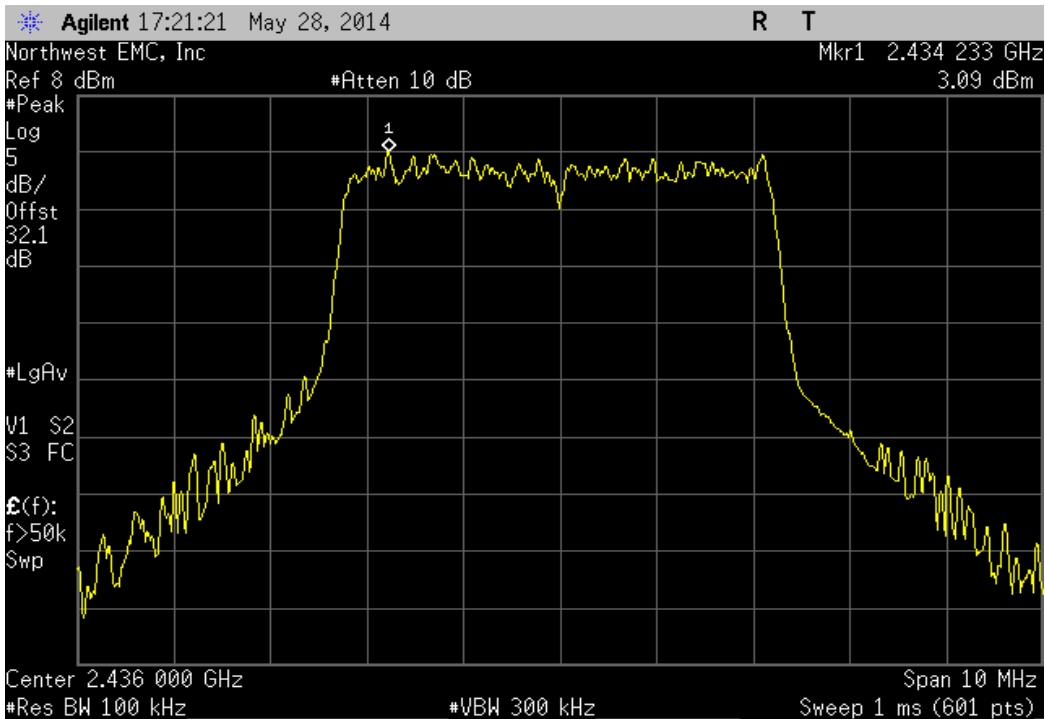
Chain C, 2400 MHz - 2483.5 MHz Band, 2.5MHz Bandwidth , 3x3 Modulation Type, 64-QAM, Coding Rate, 5/6., High Channel 2470 MHz						
	Value	dBm/100kHz	Value	Limit		
	dBm/100kHz	To dBm/3kHz	dBm/3kHz	dBm/3kHz	Result	
	6.219	-15.2	-8.981	8	Pass	



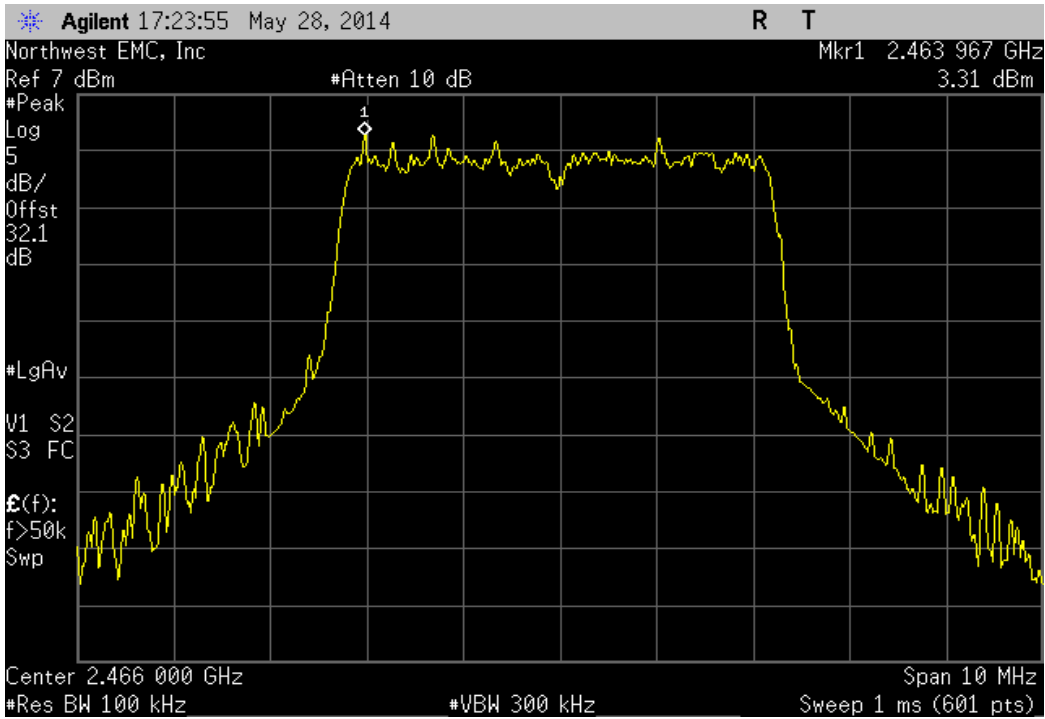
Chain C, 2400 MHz - 2483.5 MHz Band, 5MHz Bandwidth, 3x3 Modulation Type, BPSK, Coding Rate, 1/2., Low Channel 2406 MHz						
	Value	dBm/100kHz	Value	Limit		
	dBm/100kHz	To dBm/3kHz	dBm/3kHz	dBm/3kHz	Result	
	2.999	-15.2	-12.201	8	Pass	



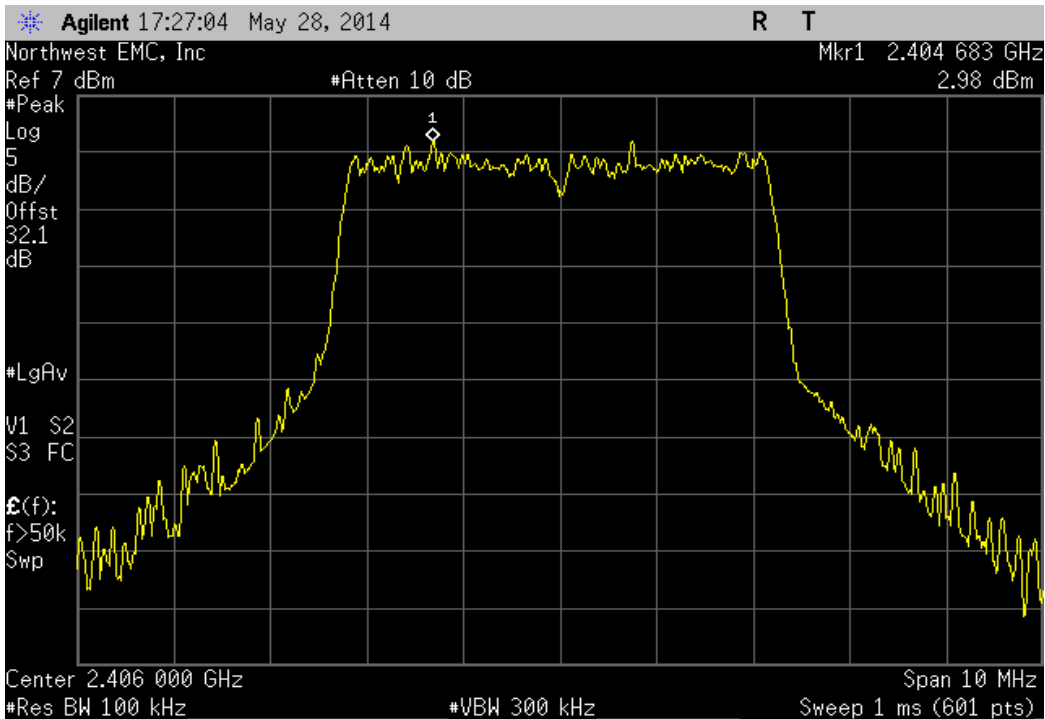
Chain C, 2400 MHz - 2483.5 MHz Band, 5MHz Bandwidth, 3x3 Modulation Type, BPSK, Coding Rate, 1/2., Mid Channel 2436 MHz						
	Value	dBm/100kHz	Value	Limit		
	dBm/100kHz	To dBm/3kHz	dBm/3kHz	dBm/3kHz	Result	
	3.089	-15.2	-12.111	8	Pass	



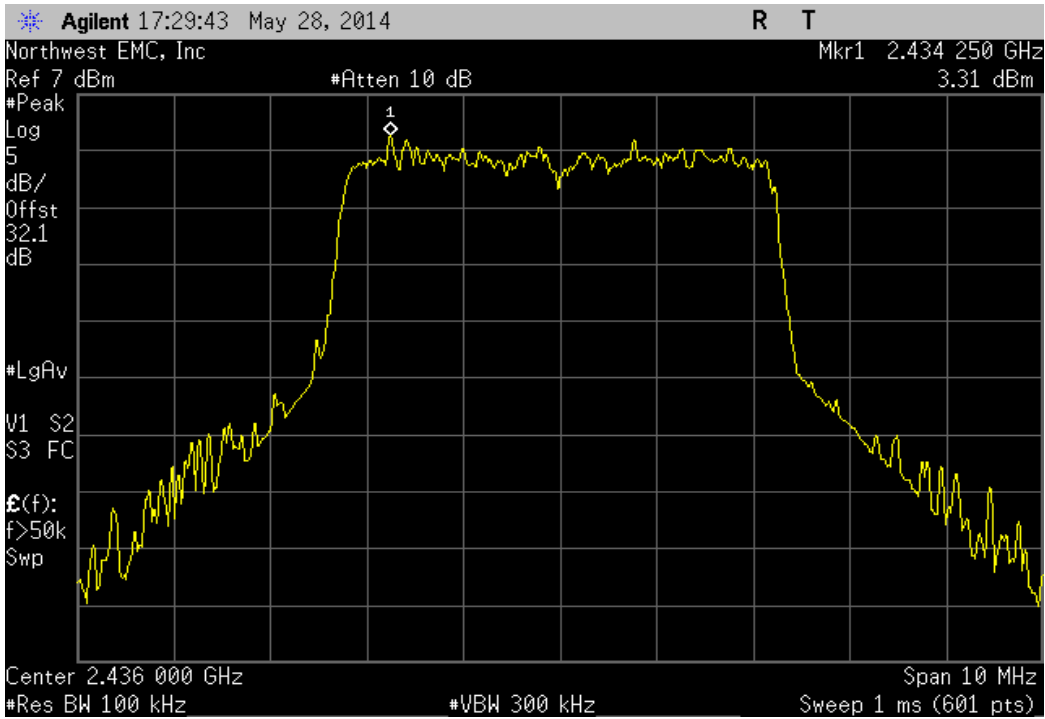
Chain C, 2400 MHz - 2483.5 MHz Band, 5MHz Bandwidth , 3x3 Modulation Type, BPSK, Coding Rate, 1/2., High Channel 2466 MHz						
	Value	dBm/100kHz	Value	Limit		
	dBm/100kHz	To dBm/3kHz	dBm/3kHz	dBm/3kHz	Result	
	3.305	-15.2	-11.895	8	Pass	



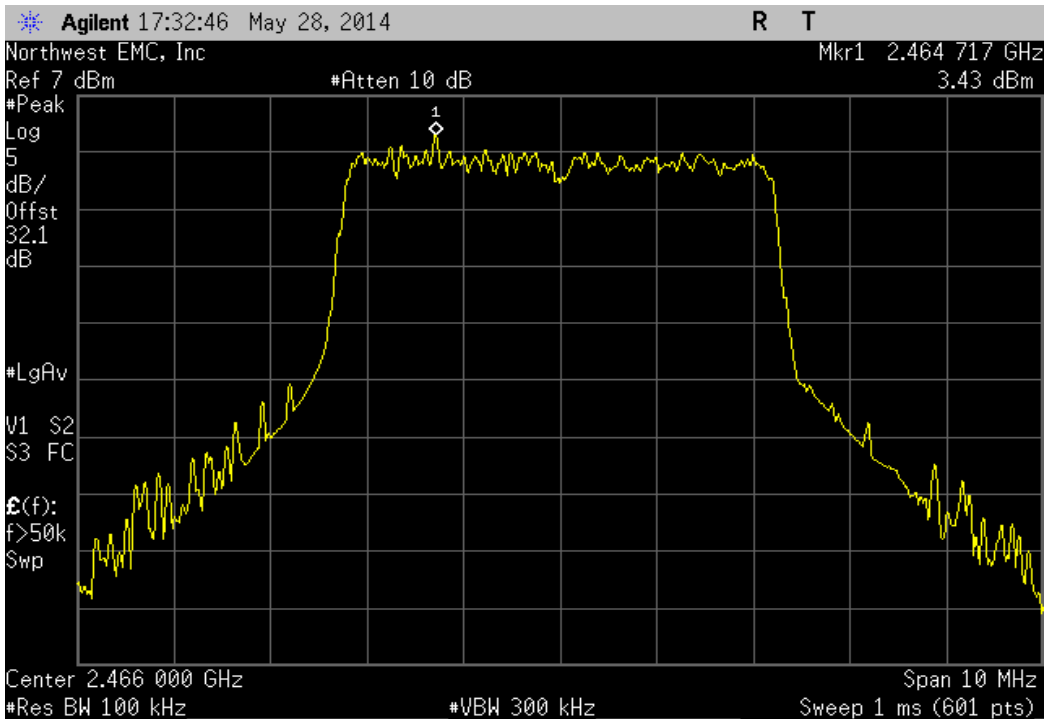
Chain C, 2400 MHz - 2483.5 MHz Band, 5MHz Bandwidth , 3x3 Modulation Type, 64-QAM, Coding Rate, 5/6., Low Channel 2406 MHz						
	Value	dBm/100kHz	Value	Limit		
	dBm/100kHz	To dBm/3kHz	dBm/3kHz	dBm/3kHz	Result	
	2.976	-15.2	-12.224	8	Pass	



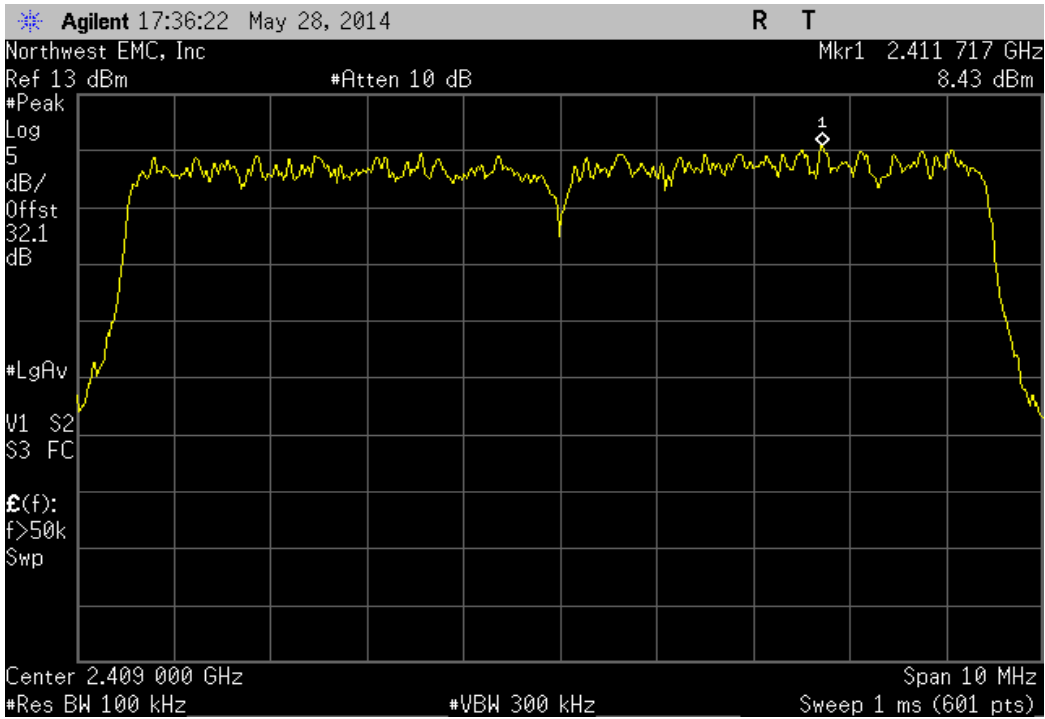
Chain C, 2400 MHz - 2483.5 MHz Band, 5MHz Bandwidth , 3x3 Modulation Type, 64-QAM, Coding Rate, 5/6., Mid Channel 2436 MHz						
	Value	dBm/100kHz	Value	Limit		
	dBm/100kHz	To dBm/3kHz	dBm/3kHz	dBm/3kHz	Result	
	3.314	-15.2	-11.886	8	Pass	



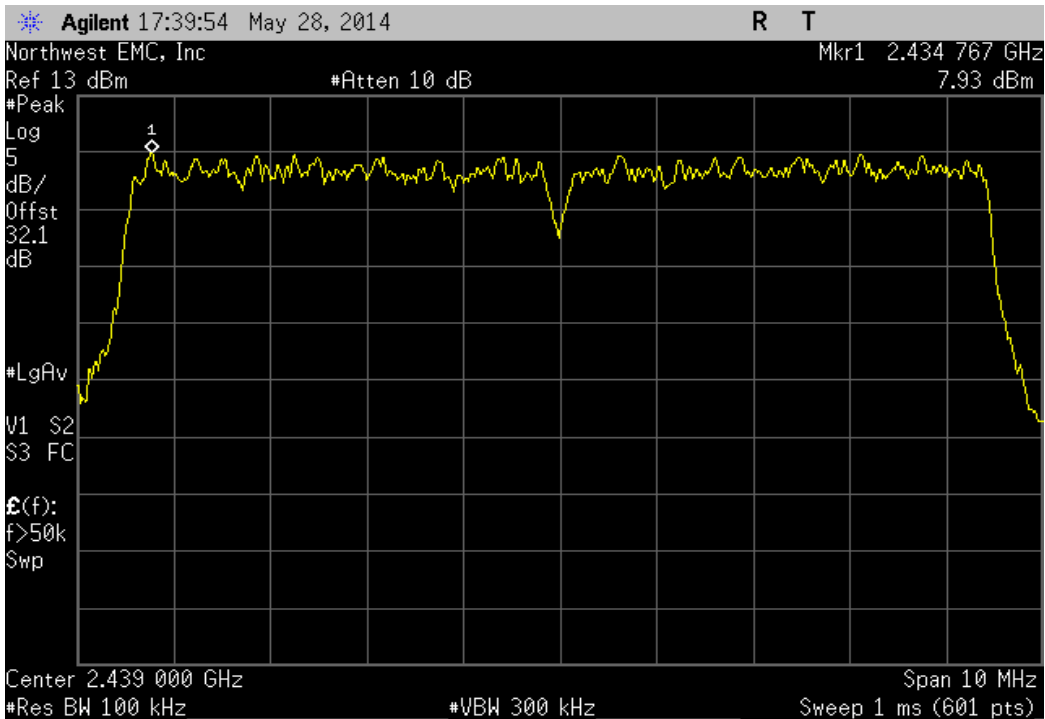
Chain C, 2400 MHz - 2483.5 MHz Band, 5MHz Bandwidth , 3x3 Modulation Type, 64-QAM, Coding Rate, 5/6., High Channel 2466 MHz						
	Value	dBm/100kHz	Value	Limit		
	dBm/100kHz	To dBm/3kHz	dBm/3kHz	dBm/3kHz	Result	
	3.433	-15.2	-11.767	8	Pass	



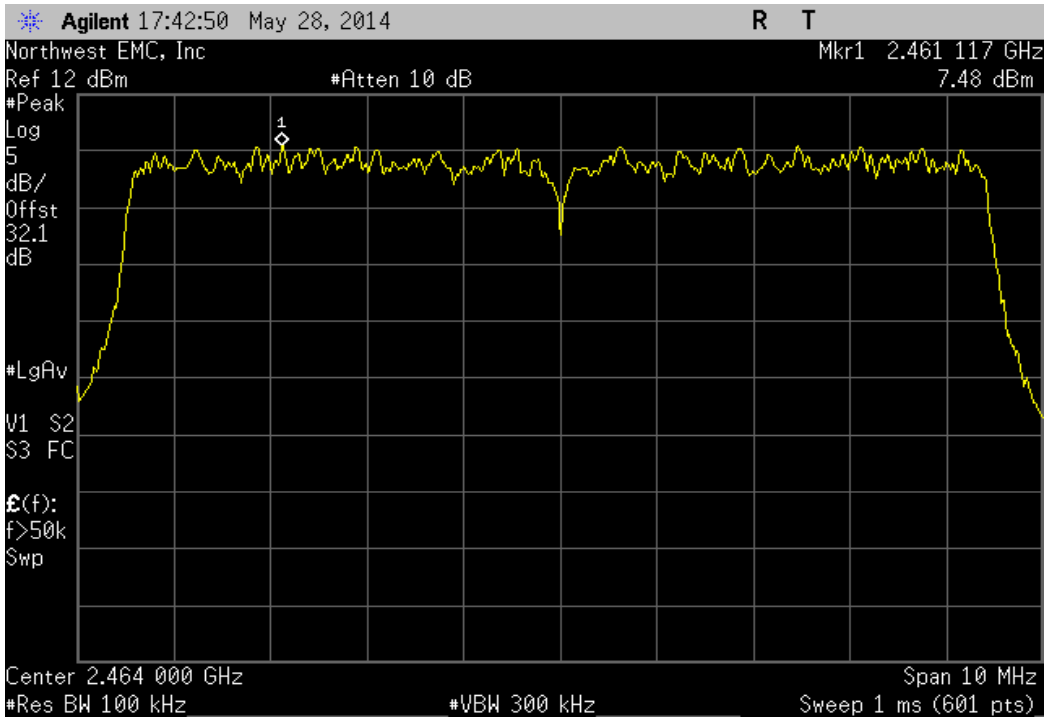
Chain C, 2400 MHz - 2483.5 MHz Band, 10MHz Bandwidth , 3x3 Modulation Type, BPSK, Coding Rate, 1/2., Low Channel 2409 MHz						
	Value	dBm/100kHz	Value	Limit		
	dBm/100kHz	To dBm/3kHz	dBm/3kHz	dBm/3kHz	Result	
	8.427	-15.2	-6.773	8	Pass	



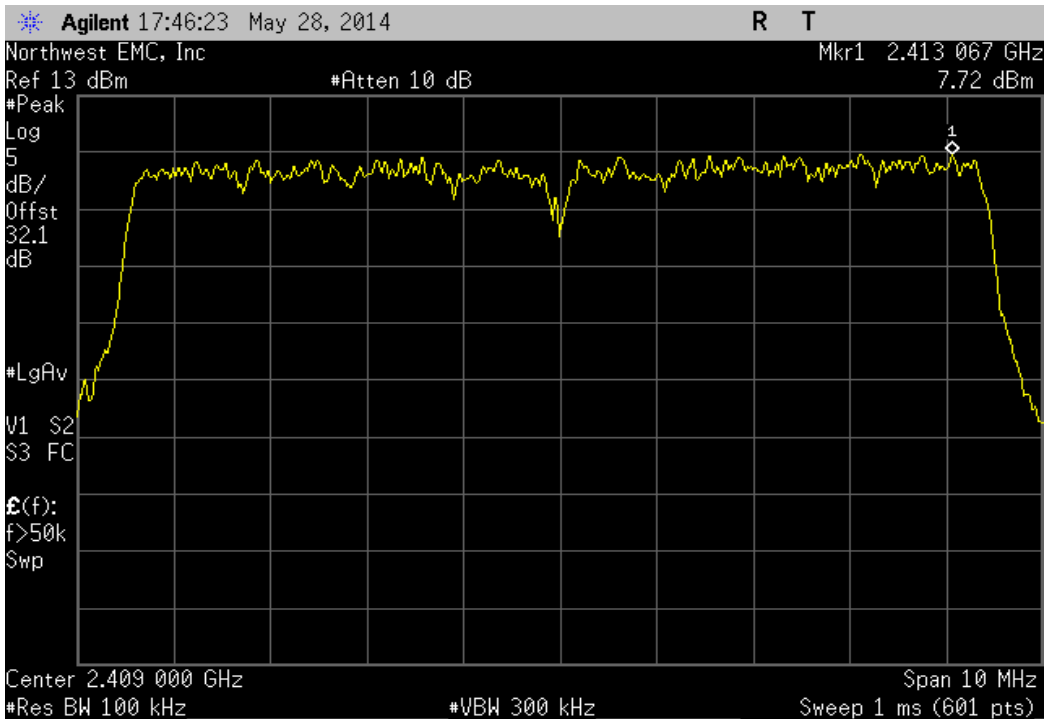
Chain C, 2400 MHz - 2483.5 MHz Band, 10MHz Bandwidth , 3x3 Modulation Type, BPSK, Coding Rate, 1/2., Mid Channel 2439 MHz						
	Value	dBm/100kHz	Value	Limit		
	dBm/100kHz	To dBm/3kHz	dBm/3kHz	dBm/3kHz	Result	
	7.931	-15.2	-7.269	8	Pass	



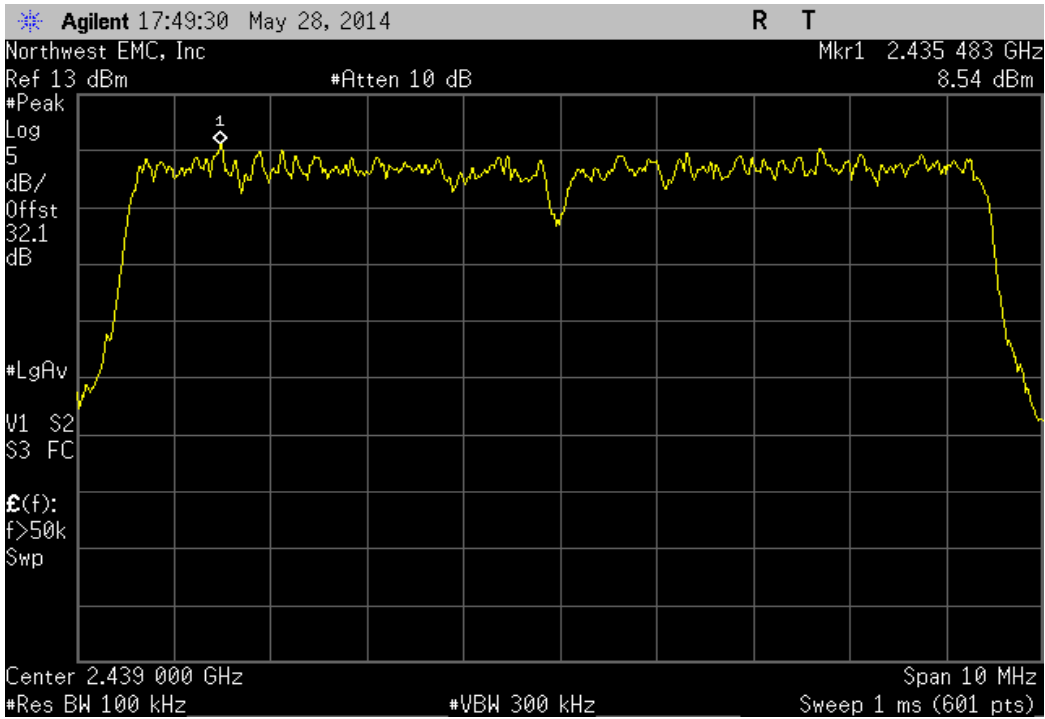
Chain C, 2400 MHz - 2483.5 MHz Band, 10MHz Bandwidth , 3x3 Modulation Type, BPSK, Coding Rate, 1/2., High Channel 2464 MHz						
	Value	dBm/100kHz	Value	Limit		
	dBm/100kHz	To dBm/3kHz	dBm/3kHz	dBm/3kHz	Result	
	7.477	-15.2	-7.723	8	Pass	



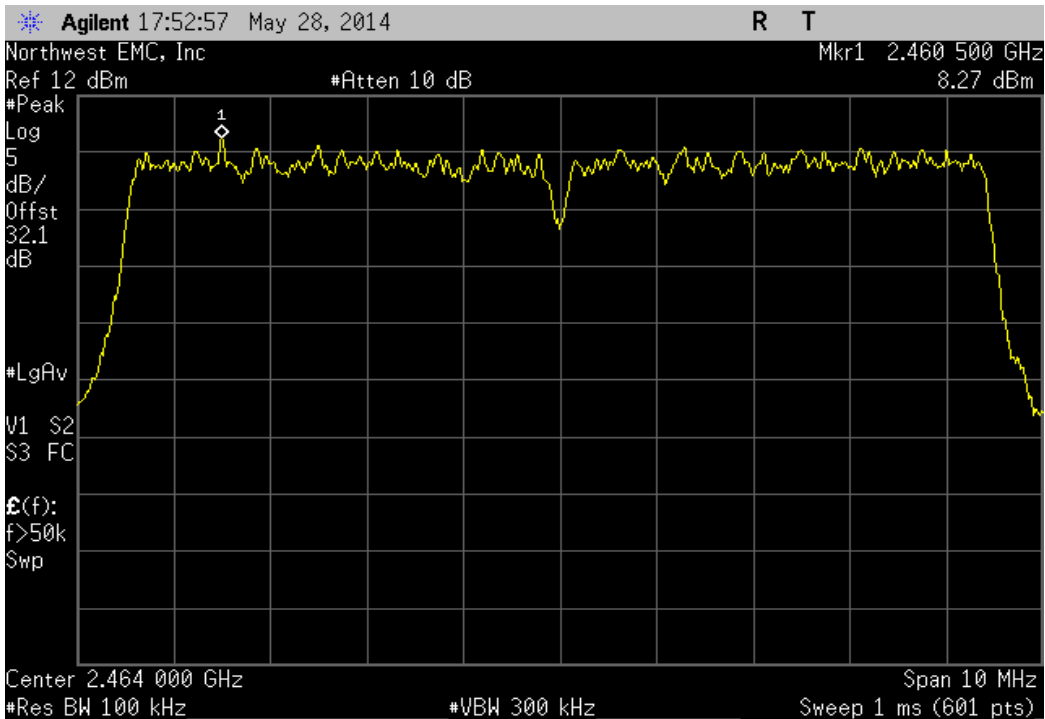
Chain C, 2400 MHz - 2483.5 MHz Band, 10MHz Bandwidth , 3x3 Modulation Type, 64-QAM, Coding Rate, 5/6., Low Channel 2409 MHz						
	Value	dBm/100kHz	Value	Limit		
	dBm/100kHz	To dBm/3kHz	dBm/3kHz	dBm/3kHz	Result	
	7.722	-15.2	-7.478	8	Pass	



Chain C, 2400 MHz - 2483.5 MHz Band, 10MHz Bandwidth , 3x3 Modulation Type, 64-QAM, Coding Rate, 5/6., Mid Channel 2439 MHz						
	Value	dBm/100kHz	Value	Limit		
	dBm/100kHz	To dBm/3kHz	dBm/3kHz	dBm/3kHz	Result	
	8.541	-15.2	-6.659	8	Pass	



Chain C, 2400 MHz - 2483.5 MHz Band, 10MHz Bandwidth , 3x3 Modulation Type, 64-QAM, Coding Rate, 5/6., High Channel 2464 MHz						
	Value	dBm/100kHz	Value	Limit		
	dBm/100kHz	To dBm/3kHz	dBm/3kHz	dBm/3kHz	Result	
	8.272	-15.2	-6.928	8	Pass	



BAND EDGE COMPLIANCE

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

TEST EQUIPMENT

Description	Manufacturer	Model	ID	Last Cal.	Interval
40GHz DC Block	Miteq	DCB4000	AMD	4/28/2014	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 6 dB, SMA M/F 26GHz	S.M. Electronics	SA26B-6	AUX	7/30/2013	12
Power Meter	Agilent	N1913A	SQR	4/29/2013	36
Power Sensor	Agilent	E9300H	SQO	4/29/2013	36
MXG MW Analog Signal Generator 40 Gig	Agilent	N5183A	TID	9/19/2011	36
Spectrum Analyzer	Agilent	E4446A	AAQ	1/21/2014	24

TEST DESCRIPTION

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

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



BAND EDGE COMPLIANCE

XMit 2014.02.07
PsaTx 2014.04.01

EUT: WavePoint 10e Industrial Wireless Router (w2400-01)	Work Order: FREW0026
Serial Number: 135268908	Date: 05/29/14
Customer: FreeWave Technologies, Inc.	Temperature: 22°C
Attendees: Dean Busch	Humidity: 36%
Project: None	Barometric Pres.: 1022
Tested by: Brandon Hobbs, Jared Ison	Power: 12 VDC
	Job Site: EV06
TEST SPECIFICATIONS	
FCC 15.247:2014	Test Method ANSI C63.10:2009

COMMENTS
An additional 10dB 5watt attenuator was used inline for all measurements made while under test. Please reference the power levels for this test in the power level table. The low and high channels tested used the modulation that produced the highest output power.

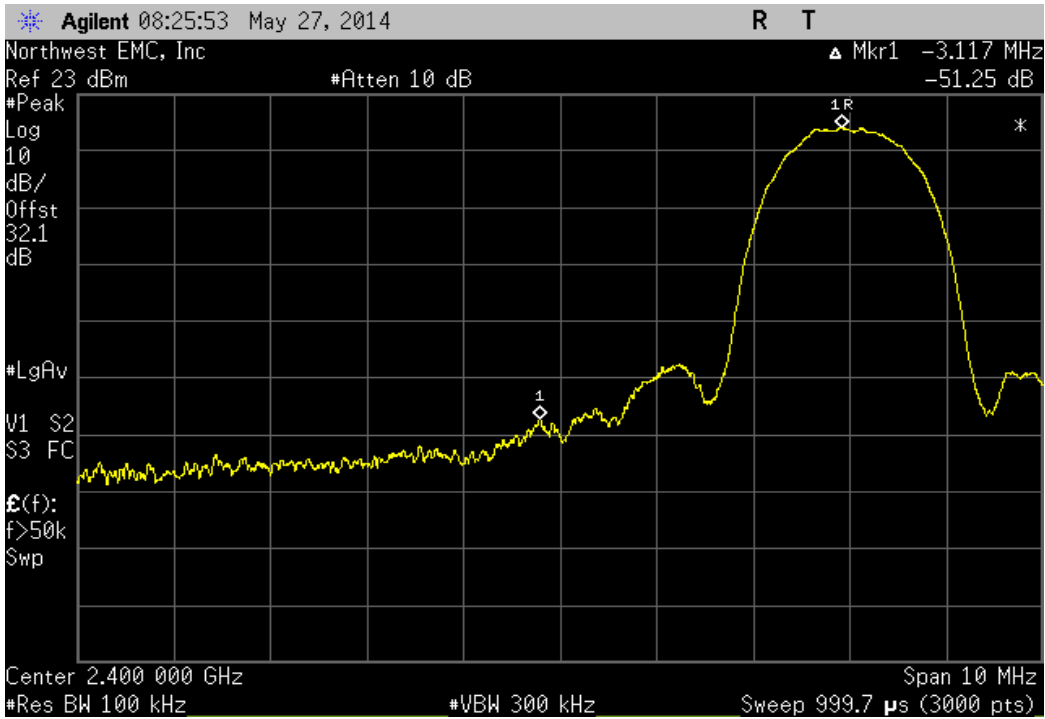
DEVIATIONS FROM TEST STANDARD
None

Configuration #	1	Signature 
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	Value	Limit	Result
2400 MHz - 2483.5 MHz Band			
2.5MHz Bandwidth			
Modulation Type, DBPSK			
Low Channel 2403 MHz	-51.25 dBc	≤ -20 dBc	Pass
High Channel 2470 MHz	-60.96 dBc	≤ -20 dBc	Pass
Modulation Type, QPSK			
Low Channel 2403 MHz	-55.8 dBc	≤ -20 dBc	Pass
High Channel 2470 MHz	-63.51 dBc	≤ -20 dBc	Pass
Modulation Type, BPSK, Coding Rate, 1/2			
Low Channel 2403 MHz	-45.89 dBc	≤ -20 dBc	Pass
High Channel 2470 MHz	-57.7 dBc	≤ -20 dBc	Pass
Modulation Type, 16-QAM, Coding Rate, 3/4			
Low Channel 2403 MHz	-43.76 dBc	≤ -20 dBc	Pass
High Channel 2470 MHz	-55.84 dBc	≤ -20 dBc	Pass
Modulation Type, 64-QAM, Coding Rate, 3/4			
Low Channel 2403 MHz	-44.46 dBc	≤ -20 dBc	Pass
High Channel 2470 MHz	-56.68 dBc	≤ -20 dBc	Pass
Modulation Type, BPSK, Coding Rate, 1/2			
Low Channel 2403 MHz	-42.53 dBc	≤ -20 dBc	Pass
High Channel 2470 MHz	-55.97 dBc	≤ -20 dBc	Pass
Modulation Type, 64-QAM, Coding Rate, 5/6			
Low Channel 2403 MHz	-41.76 dBc	≤ -20 dBc	Pass
High Channel 2470 MHz	-55.08 dBc	≤ -20 dBc	Pass
5MHz Bandwidth			
Modulation Type, DBPSK			
Low Channel 2406 MHz	-54.23 dBc	≤ -20 dBc	Pass
High Channel 2466 MHz	-59.12 dBc	≤ -20 dBc	Pass
Modulation Type, QPSK			
Low Channel 2406 MHz	-55.62 dBc	≤ -20 dBc	Pass
High Channel 2466 MHz	-62.38 dBc	≤ -20 dBc	Pass
Modulation Type, BPSK, Coding Rate, 1/2			
Low Channel 2406 MHz	-45.59 dBc	≤ -20 dBc	Pass
High Channel 2466 MHz	-52.72 dBc	≤ -20 dBc	Pass
Modulation Type, 16-QAM, Coding Rate, 3/4			
Low Channel 2406 MHz	-39.88 dBc	≤ -20 dBc	Pass
High Channel 2466 MHz	-53.05 dBc	≤ -20 dBc	Pass
Modulation Type, 64-QAM, Coding Rate, 3/4			
Low Channel 2406 MHz	-41.92 dBc	≤ -20 dBc	Pass
High Channel 2466 MHz	-53.23 dBc	≤ -20 dBc	Pass
Modulation Type, BPSK, Coding Rate, 1/2			
Low Channel 2406 MHz	-42.34 dBc	≤ -20 dBc	Pass
High Channel 2466 MHz	-52.66 dBc	≤ -20 dBc	Pass
Modulation Type, 64-QAM, Coding Rate, 5/6			
Low Channel 2406 MHz	-42.43 dBc	≤ -20 dBc	Pass
High Channel 2466 MHz	-51.87 dBc	≤ -20 dBc	Pass
10MHz Bandwidth			
Modulation Type, DBPSK			
Low Channel 2409 MHz	-47.65 dBc	≤ -20 dBc	Pass
High Channel 2464 MHz	-56.79 dBc	≤ -20 dBc	Pass
Modulation Type, BPSK, Coding Rate, 1/2			
Low Channel 2409 MHz	-35.59 dBc	≤ -20 dBc	Pass
High Channel 2464 MHz	-54.62 dBc	≤ -20 dBc	Pass
Modulation Type, 64-QAM, Coding Rate, 5/6			
Low Channel 2409 MHz	-37.29 dBc	≤ -20 dBc	Pass
High Channel 2464 MHz	-55.14 dBc	≤ -20 dBc	Pass

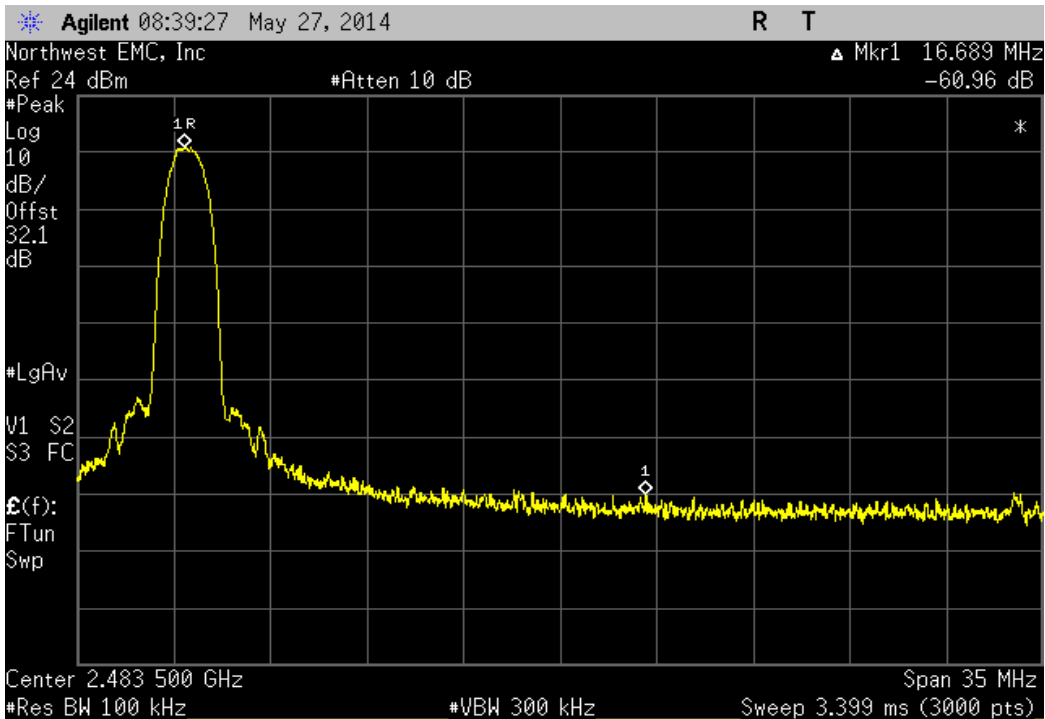
2400 MHz - 2483.5 MHz Band, 2.5MHz Bandwidth ,1Mbps, Modulation Type, DBPSK, Low Channel 2403 MHz

Value	Limit	Result
-51.25 dBc	≤ -20 dBc	Pass



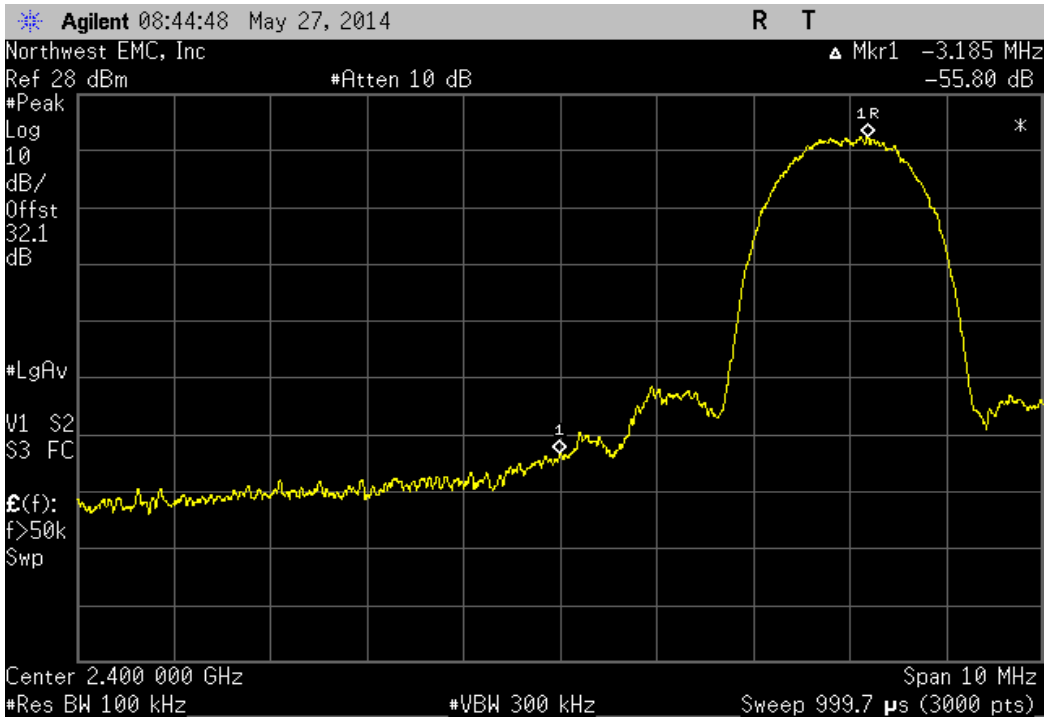
2400 MHz - 2483.5 MHz Band, 2.5MHz Bandwidth ,1Mbps, Modulation Type, DBPSK, High Channel 2470 MHz

Value	Limit	Result
-60.96 dBc	≤ -20 dBc	Pass



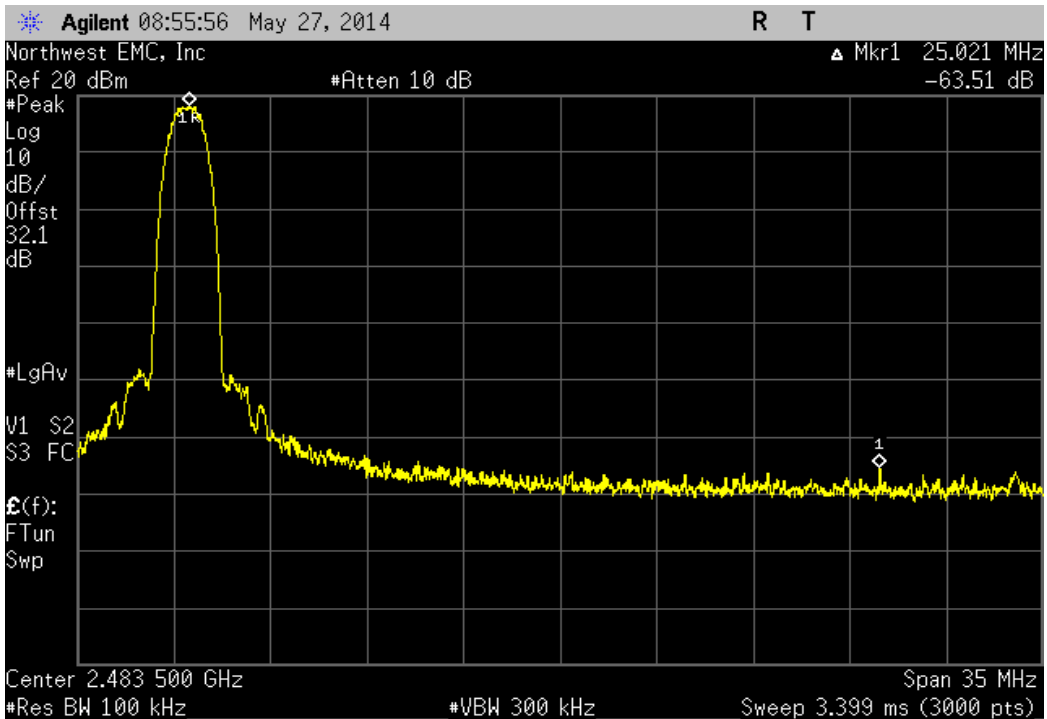
2400 MHz - 2483.5 MHz Band, 2.5MHz Bandwidth , 11Mbps, Modulation Type, QPSK, Low Channel 2403 MHz

Value	Limit	Result
-55.8 dBc	≤ -20 dBc	Pass



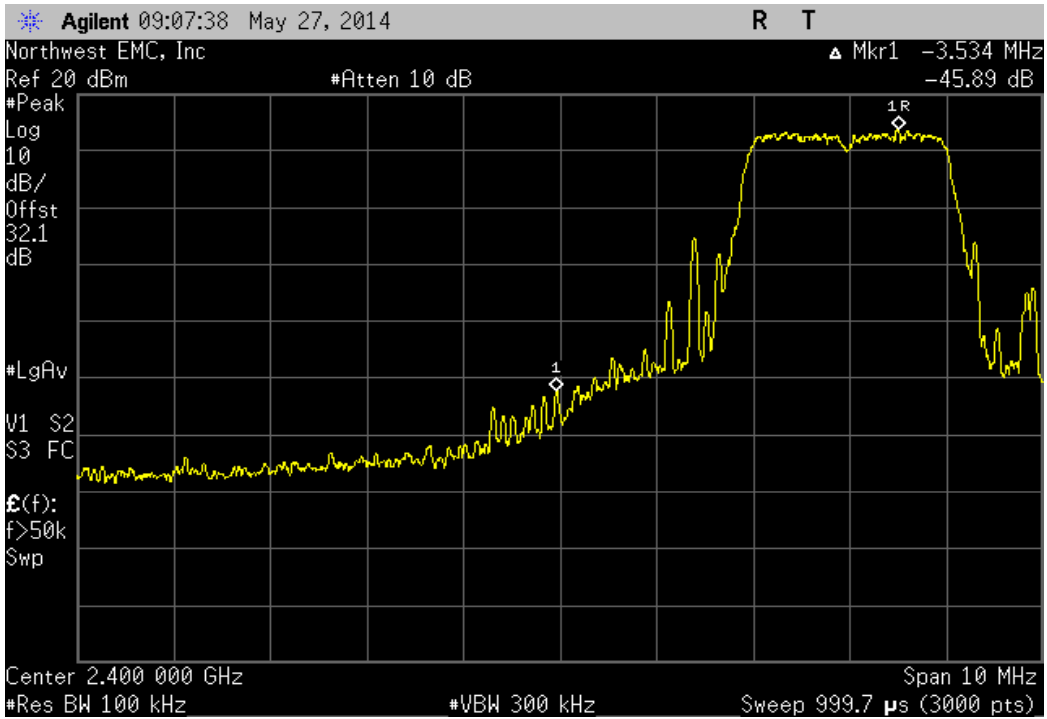
2400 MHz - 2483.5 MHz Band, 2.5MHz Bandwidth , 11Mbps, Modulation Type, QPSK, High Channel 2470 MHz

Value	Limit	Result
-63.51 dBc	≤ -20 dBc	Pass



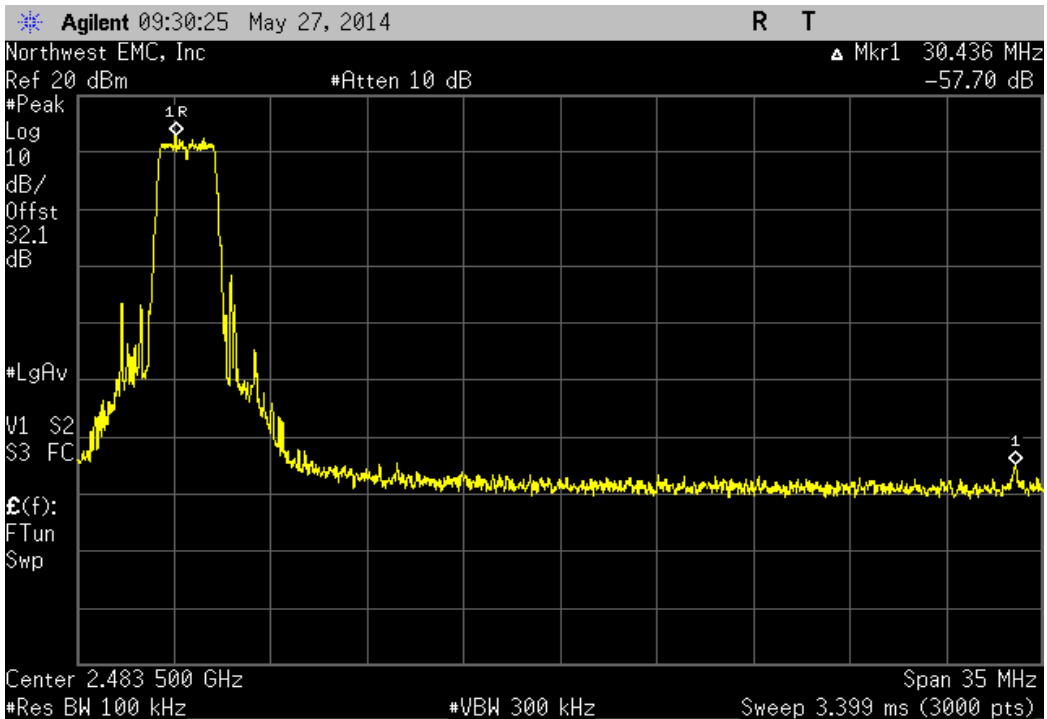
2400 MHz - 2483.5 MHz Band, 2.5MHz Bandwidth , 6Mbps, Modulation Type, BPSK, Coding Rate, 1/2, Low Channel 2403 MHz

Value	Limit	Result
-45.89 dBc	≤ -20 dBc	Pass



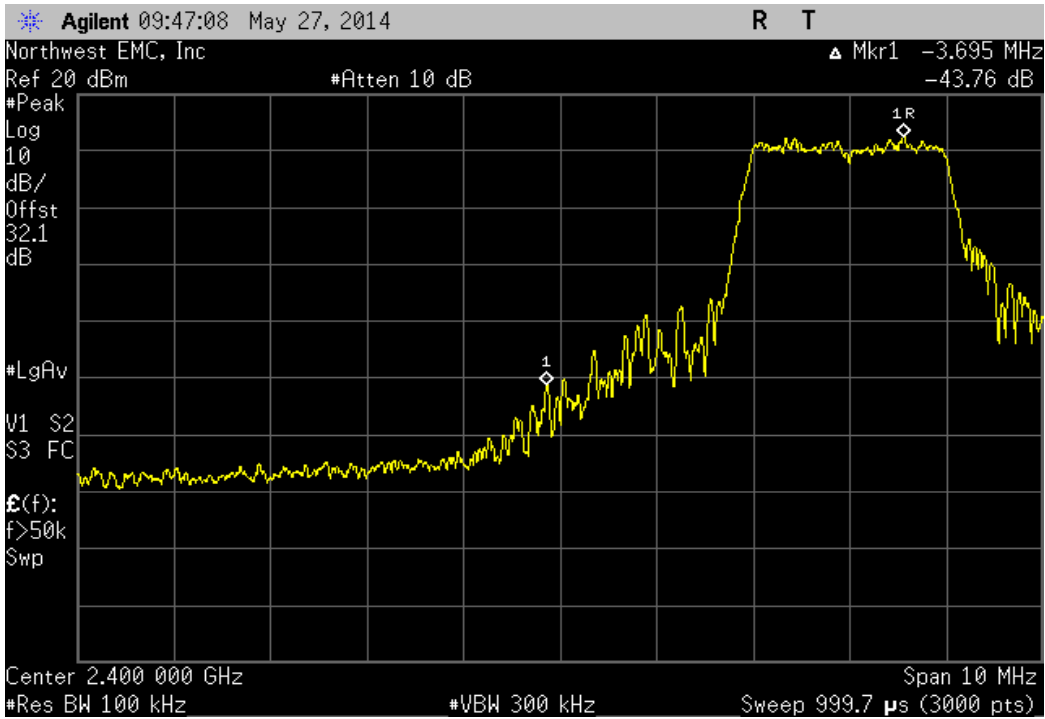
2400 MHz - 2483.5 MHz Band, 2.5MHz Bandwidth , 6Mbps, Modulation Type, BPSK, Coding Rate, 1/2, High Channel 2470 MHz

Value	Limit	Result
-57.7 dBc	≤ -20 dBc	Pass



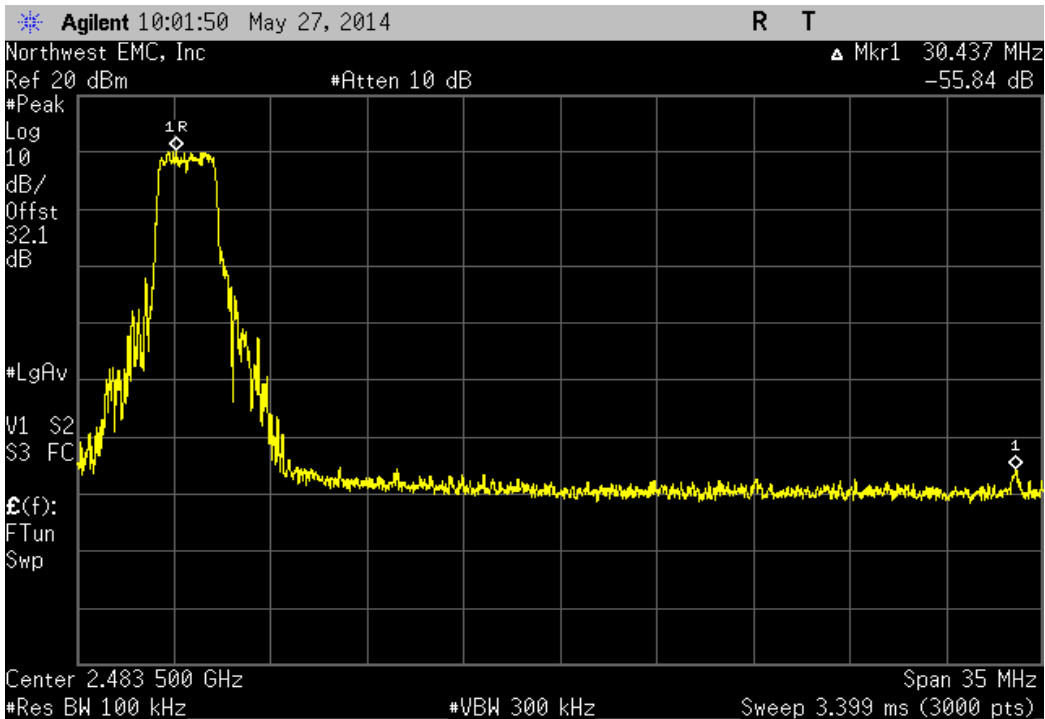
2400 MHz - 2483.5 MHz Band, 2.5MHz Bandwidth , 36Mbps, Modulation Type, 16-QAM, Coding Rate, 3/4, Low Channel 2403 MHz

Value	Limit	Result
-43.76 dBc	≤ -20 dBc	Pass



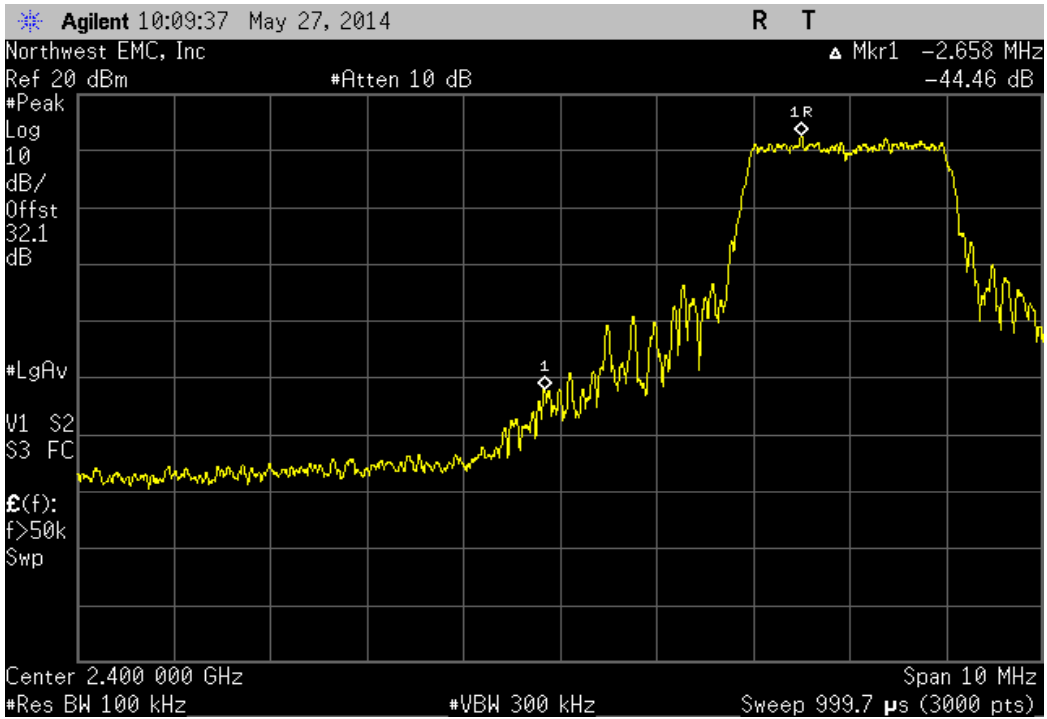
2400 MHz - 2483.5 MHz Band, 2.5MHz Bandwidth , 36Mbps, Modulation Type, 16-QAM, Coding Rate, 3/4, High Channel 2470 MHz

Value	Limit	Result
-55.84 dBc	≤ -20 dBc	Pass



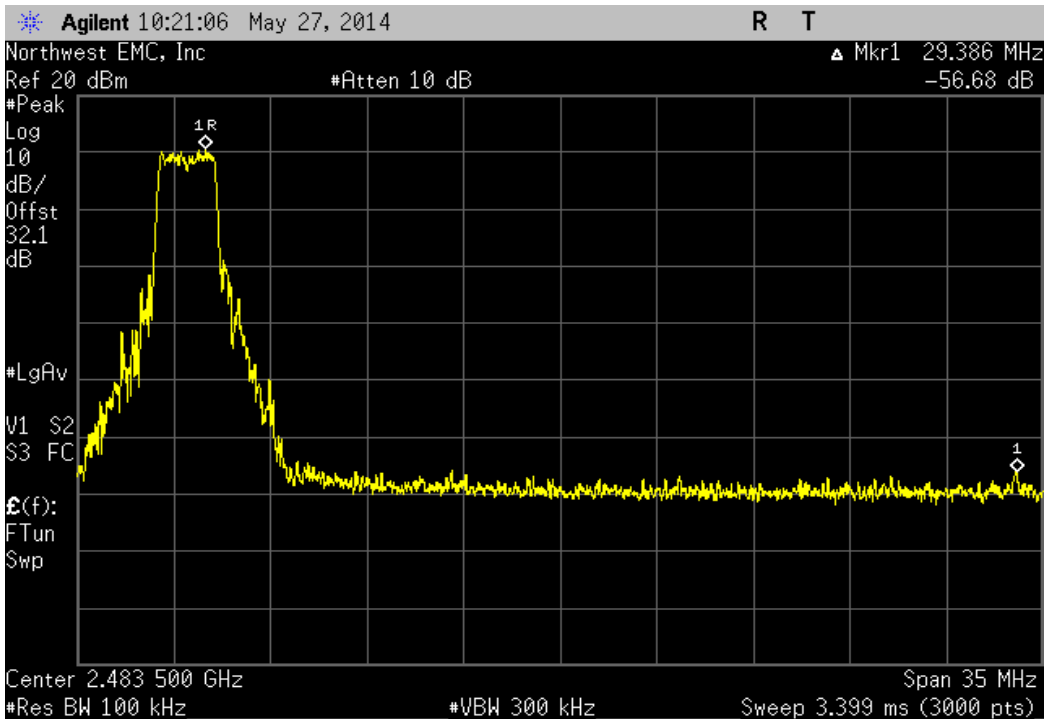
2400 MHz - 2483.5 MHz Band, 2.5MHz Bandwidth , 54Mbps, Modulation Type, 64-QAM, Coding Rate, 3/4, Low Channel 2403 MHz

Value	Limit	Result
-44.46 dBc	≤ -20 dBc	Pass



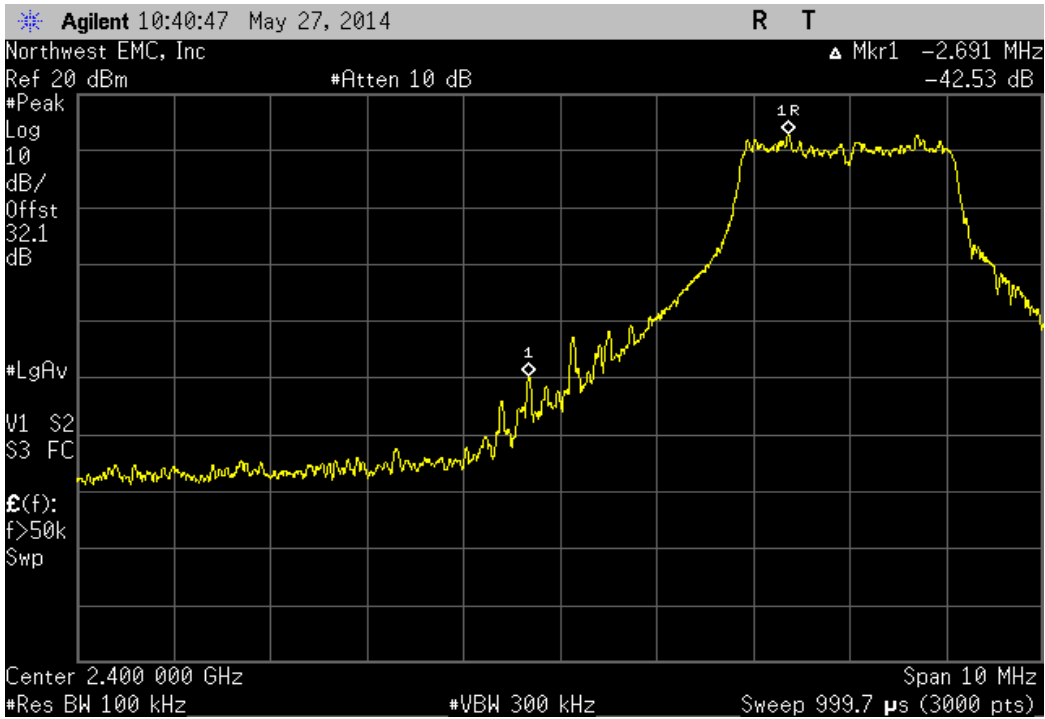
2400 MHz - 2483.5 MHz Band, 2.5MHz Bandwidth , 54Mbps, Modulation Type, 64-QAM, Coding Rate, 3/4, High Channel 2470 MHz

Value	Limit	Result
-56.68 dBc	≤ -20 dBc	Pass



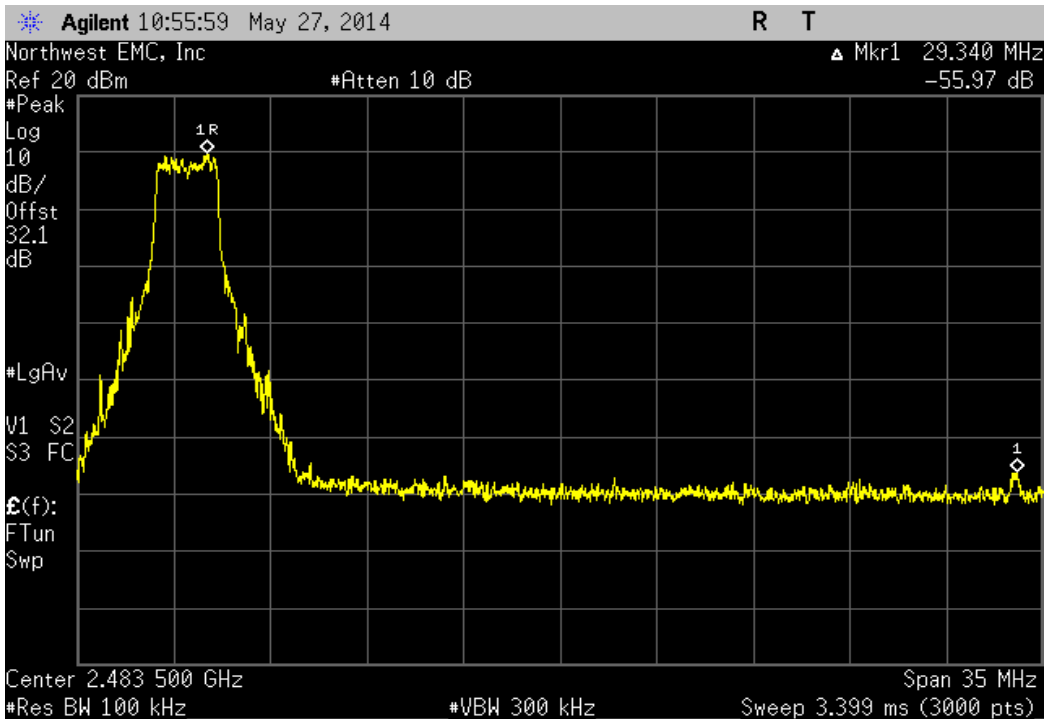
2400 MHz - 2483.5 MHz Band, 2.5MHz Bandwidth , MCS0, Modulation Type, BPSK, Coding Rate, 1/2, Low Channel 2403 MHz

Value	Limit	Result
-42.53 dBc	≤ -20 dBc	Pass

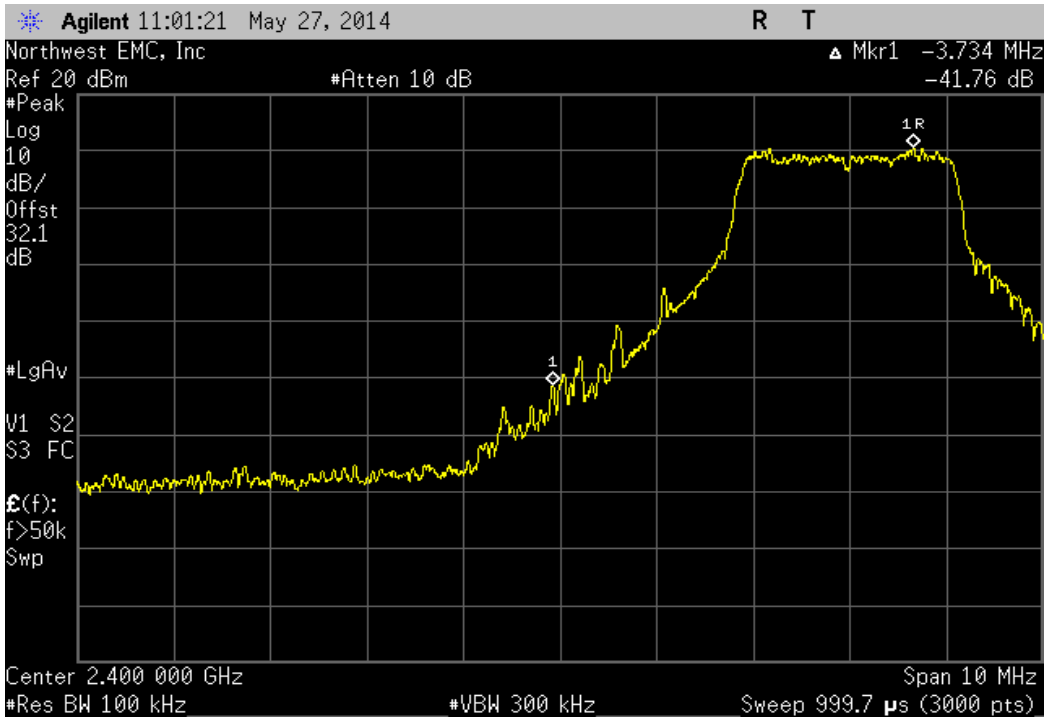


2400 MHz - 2483.5 MHz Band, 2.5MHz Bandwidth , MCS0, Modulation Type, BPSK, Coding Rate, 1/2, High Channel 2470 MHz

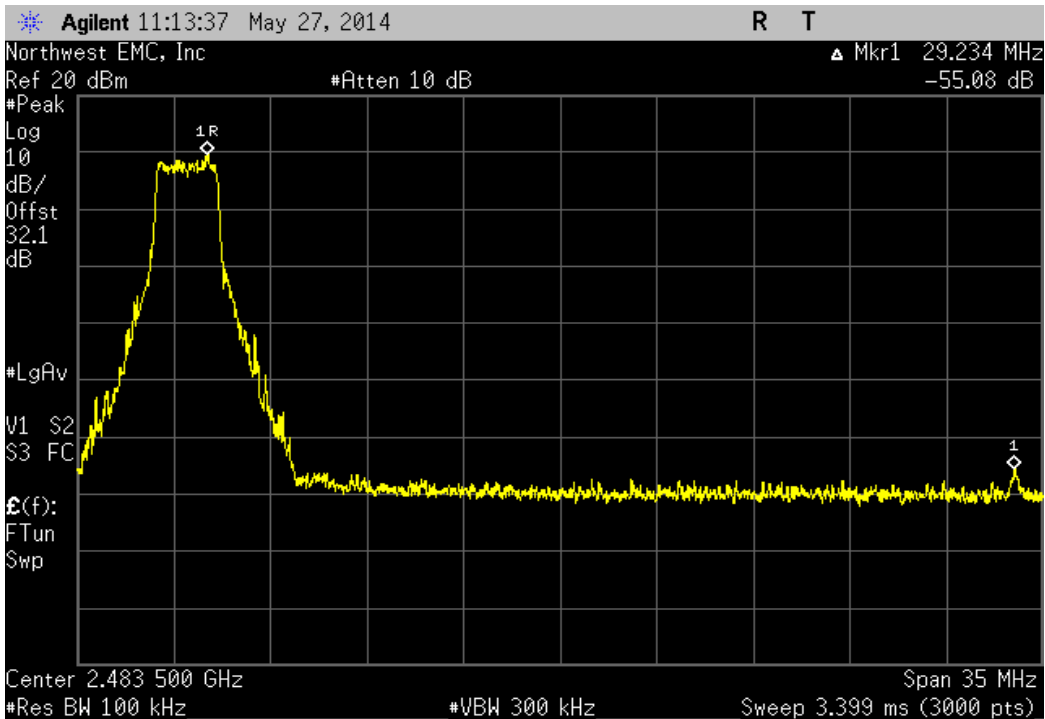
Value	Limit	Result
-55.97 dBc	≤ -20 dBc	Pass



2400 MHz - 2483.5 MHz Band, 2.5MHz Bandwidth , Modulation Type, 64-QAM, Coding Rate, 5/6, Low Channel 2403 MHz			
	Value	Limit	Result
	-41.76 dBc	≤ -20 dBc	Pass

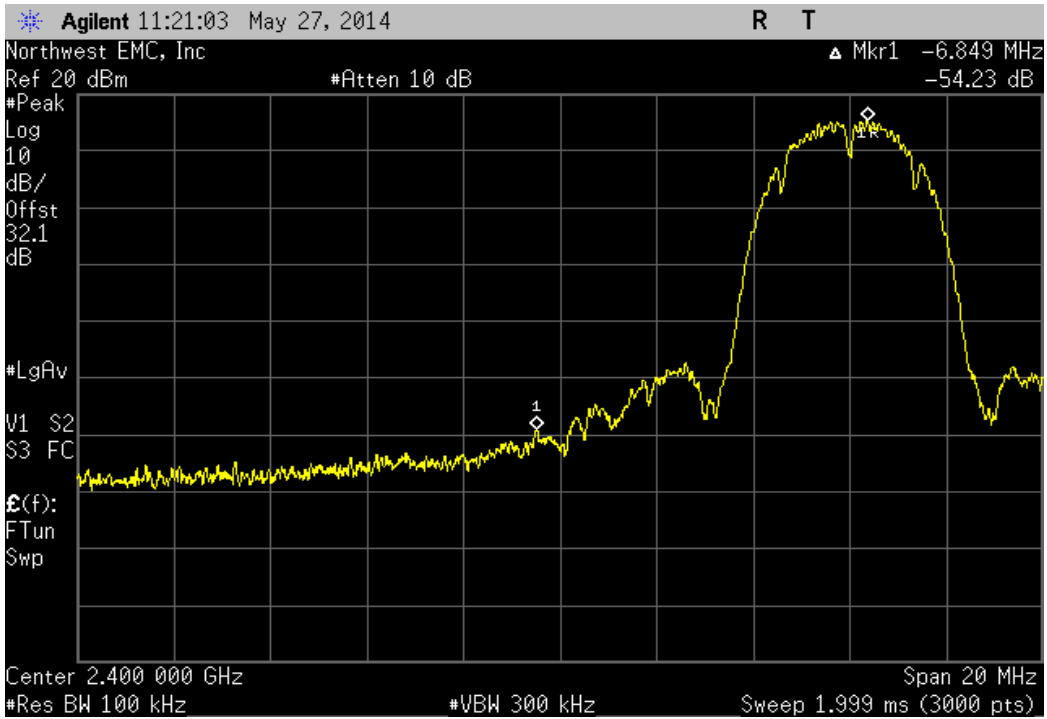


2400 MHz - 2483.5 MHz Band, 2.5MHz Bandwidth , Modulation Type, 64-QAM, Coding Rate, 5/6, High Channel 2470 MHz			
	Value	Limit	Result
	-55.08 dBc	≤ -20 dBc	Pass



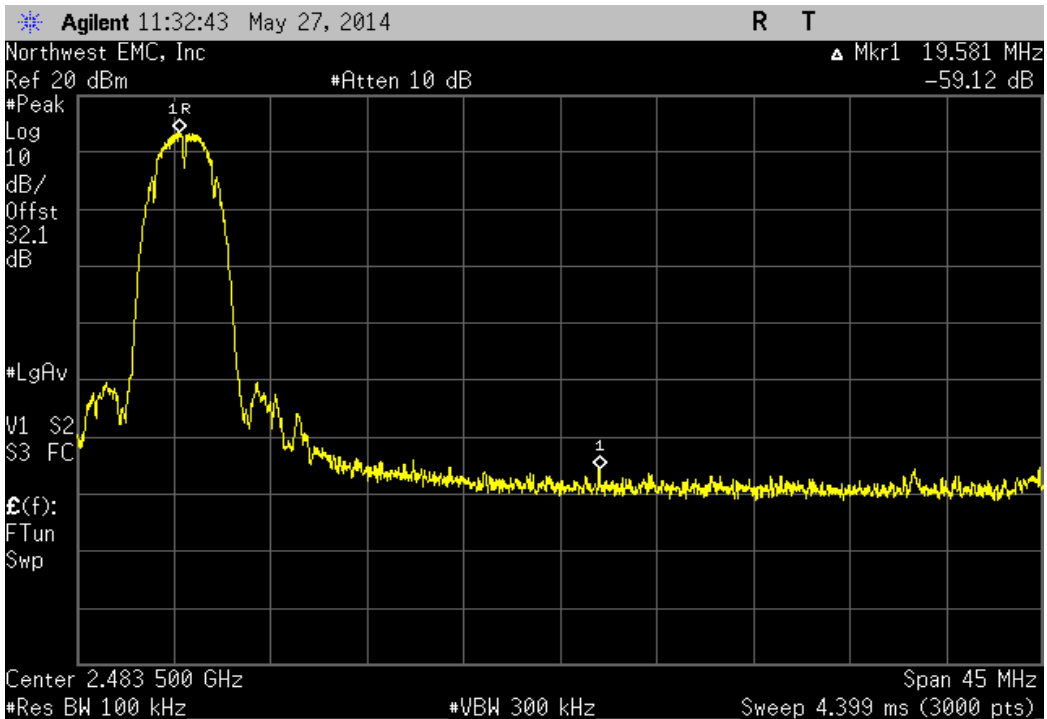
2400 MHz - 2483.5 MHz Band, 5MHz Bandwidth ,1Mbps, Modulation Type, DBPSK, Low Channel 2406 MHz

Value	Limit	Result
-54.23 dBc	≤ -20 dBc	Pass



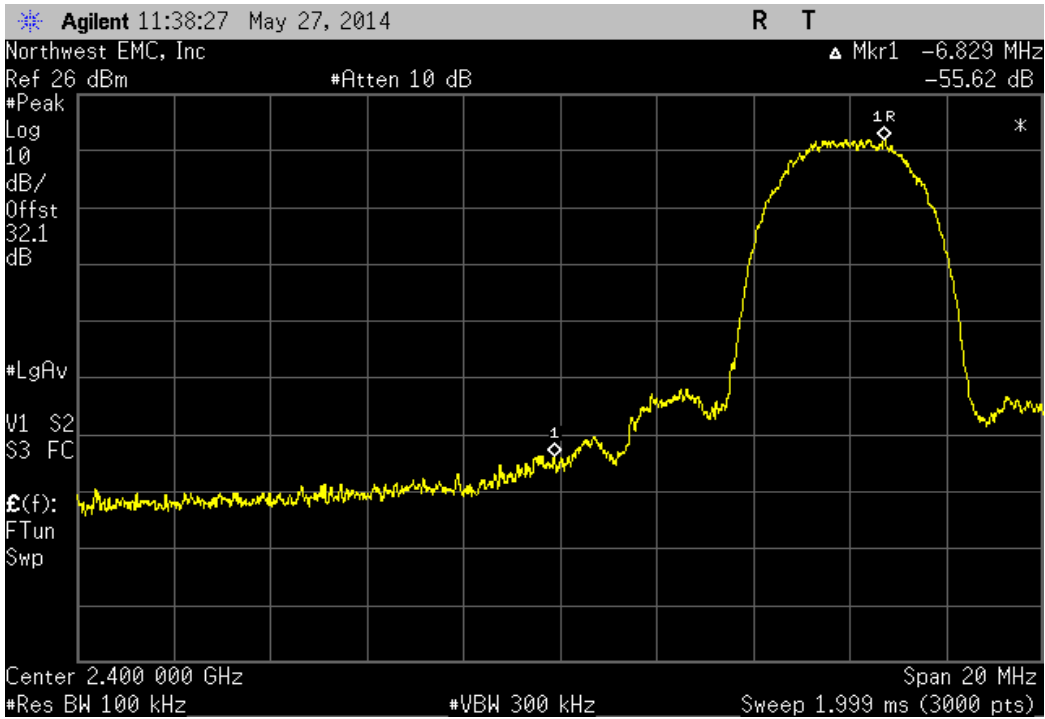
2400 MHz - 2483.5 MHz Band, 5MHz Bandwidth ,1Mbps, Modulation Type, DBPSK, High Channel 2466 MHz

Value	Limit	Result
-59.12 dBc	≤ -20 dBc	Pass



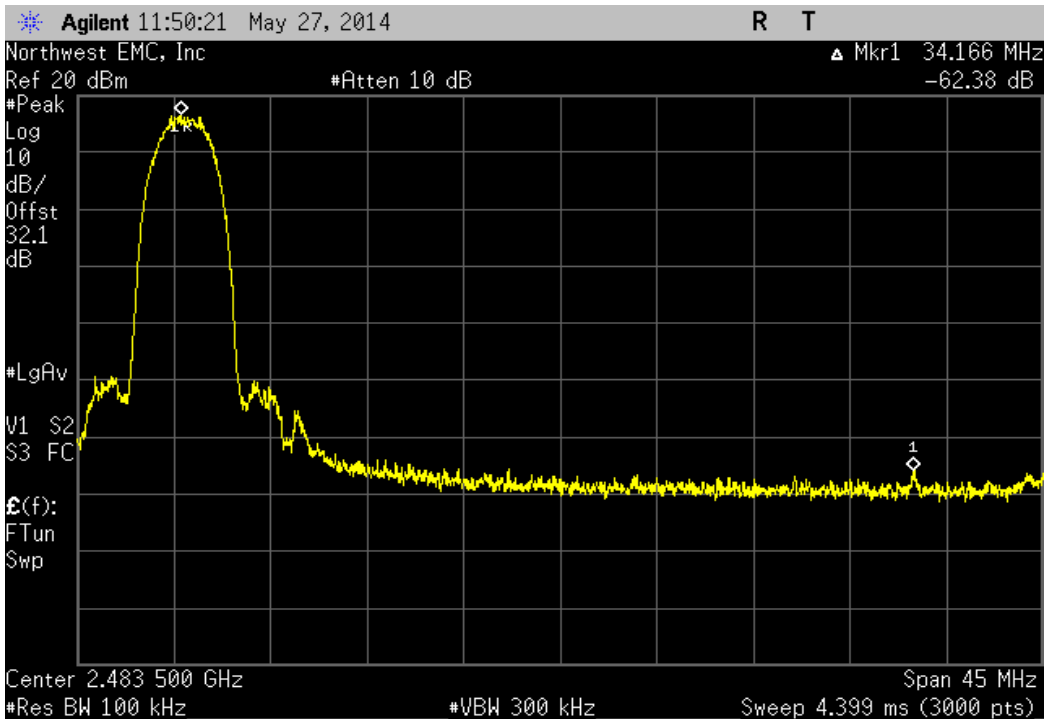
2400 MHz - 2483.5 MHz Band, 5MHz Bandwidth , 11Mbps, Modulation Type, QPSK, Low Channel 2406 MHz

	Value	Limit	Result
	-55.62 dBc	≤ -20 dBc	Pass



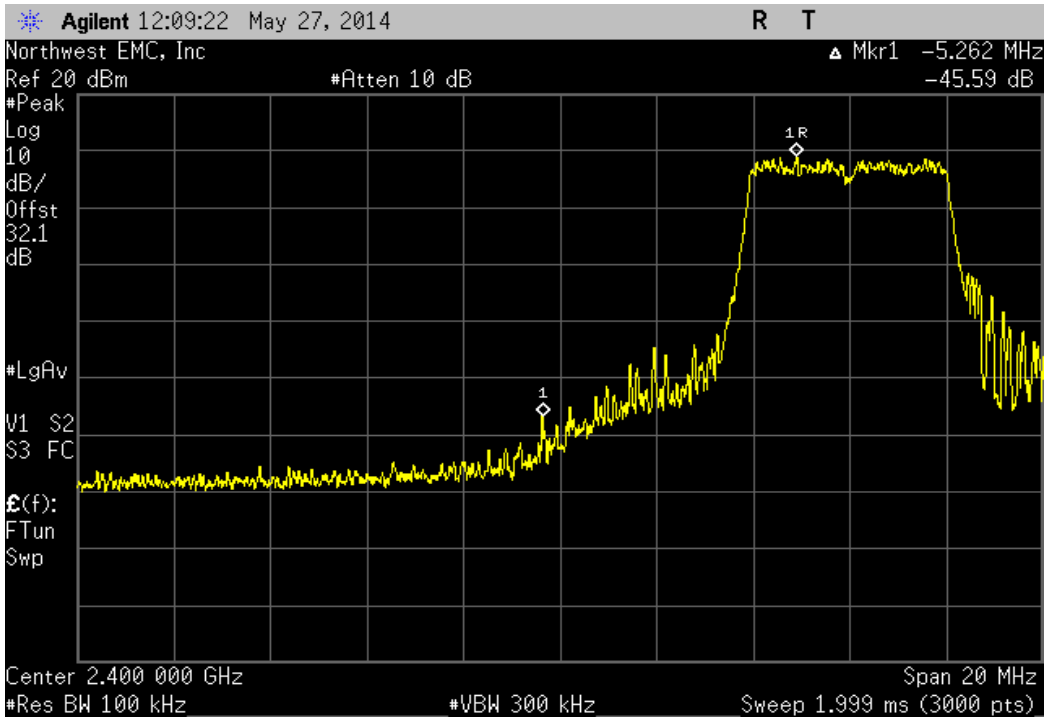
2400 MHz - 2483.5 MHz Band, 5MHz Bandwidth , 11Mbps, Modulation Type, QPSK, High Channel 2466 MHz

	Value	Limit	Result
	-62.38 dBc	≤ -20 dBc	Pass



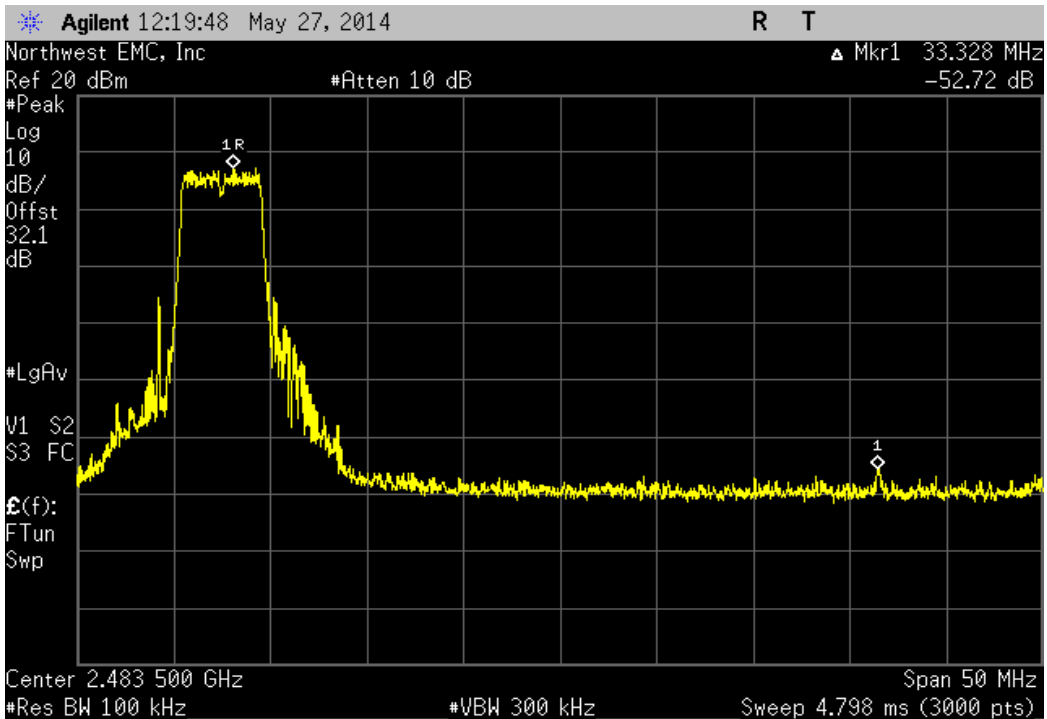
2400 MHz - 2483.5 MHz Band, 5MHz Bandwidth , 6Mbps, Modulation Type, BPSK, Coding Rate, 1/2, Low Channel 2406 MHz

Value	Limit	Result
-45.59 dBc	≤ -20 dBc	Pass

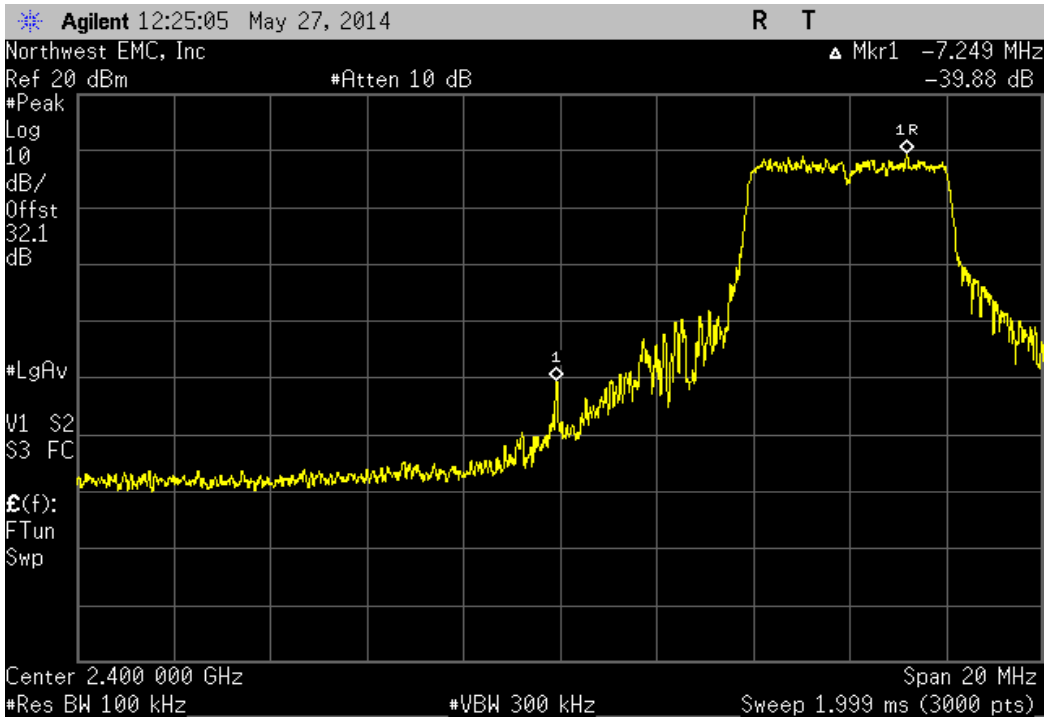


2400 MHz - 2483.5 MHz Band, 5MHz Bandwidth , 6Mbps, Modulation Type, BPSK, Coding Rate, 1/2, High Channel 2466 MHz

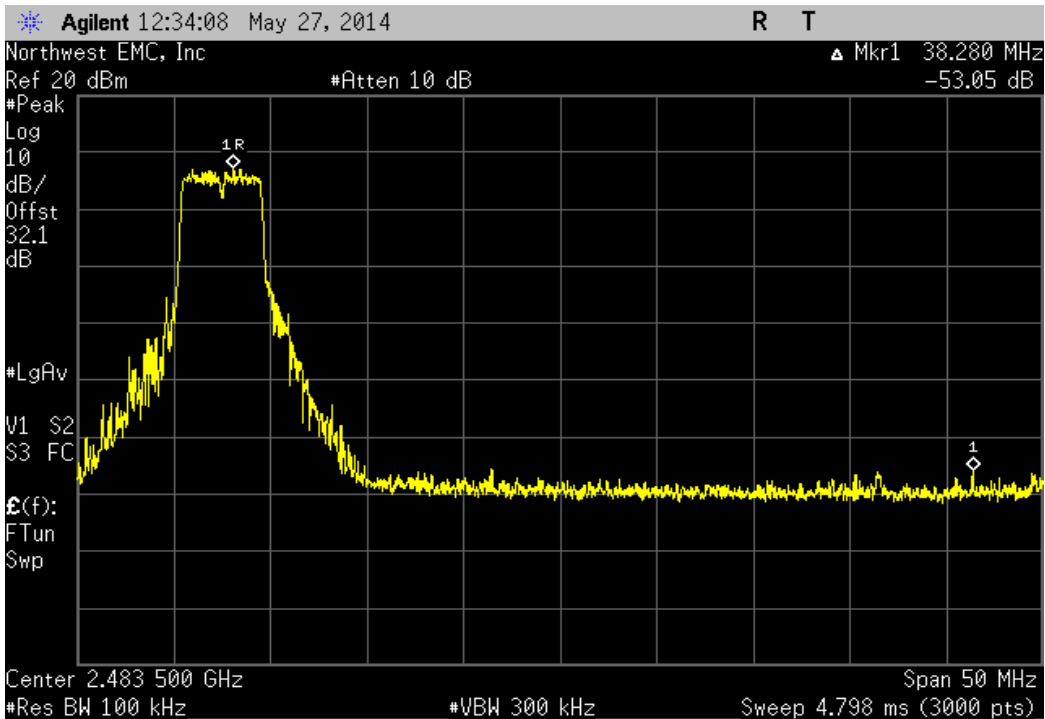
Value	Limit	Result
-52.72 dBc	≤ -20 dBc	Pass



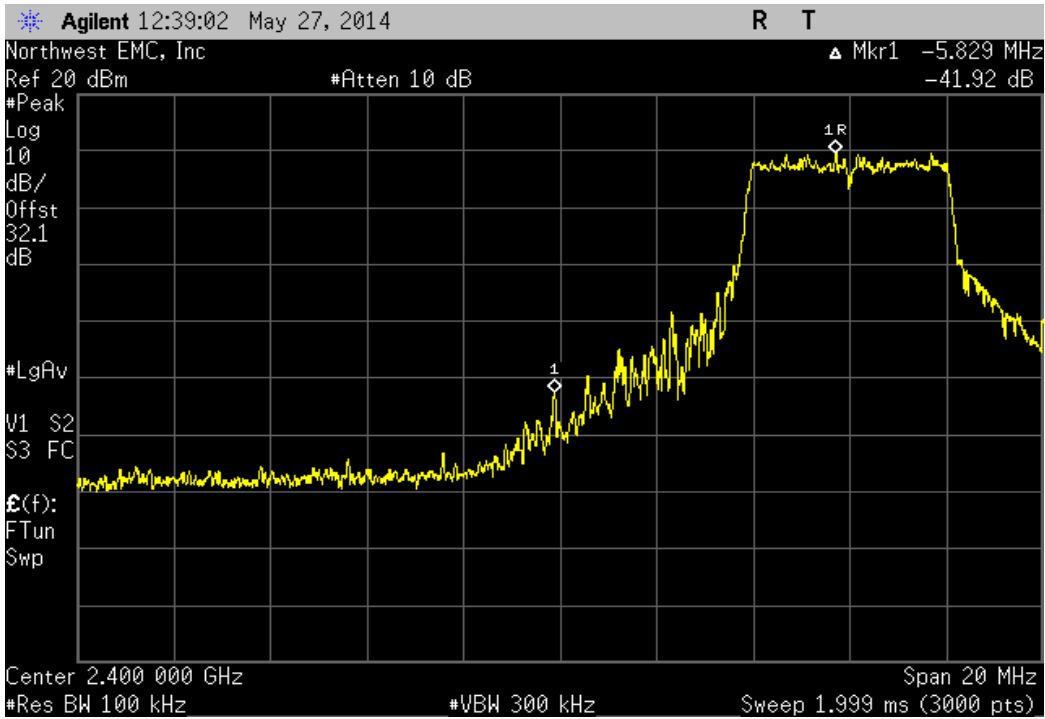
2400 MHz - 2483.5 MHz Band, 5MHz Bandwidth , 36Mbps, Modulation Type, 16-QAM, Coding Rate, 3/4, Low Channel 2406 MHz			
	Value	Limit	Result
	-39.88 dBc	≤ -20 dBc	Pass



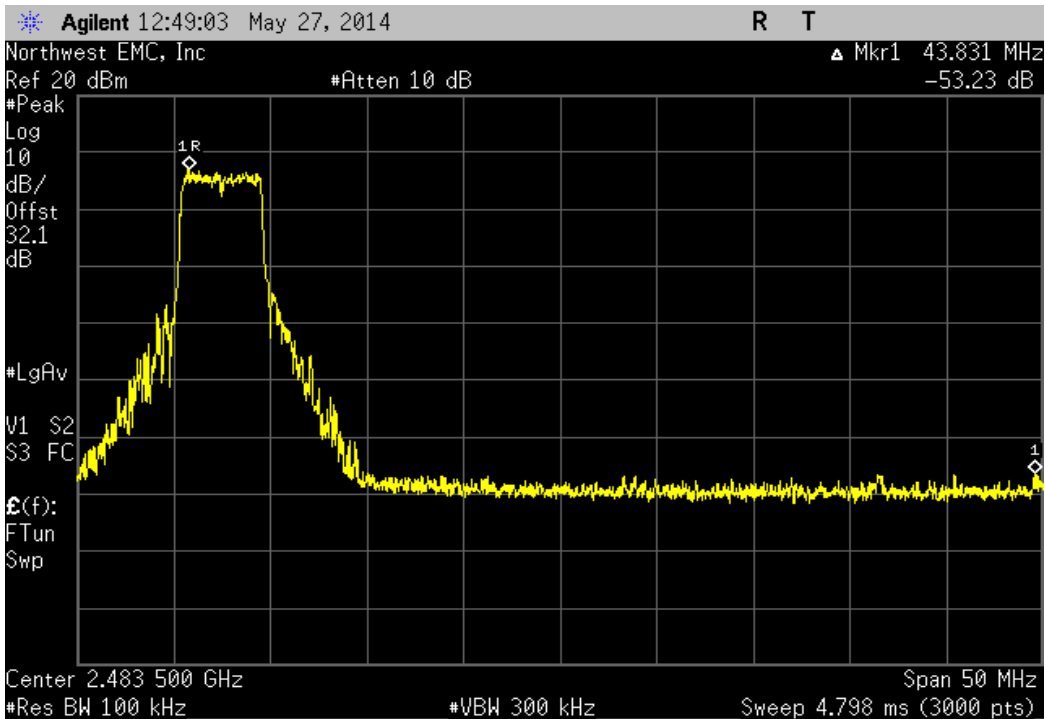
2400 MHz - 2483.5 MHz Band, 5MHz Bandwidth , 36Mbps, Modulation Type, 16-QAM, Coding Rate, 3/4, High Channel 2466 MHz			
	Value	Limit	Result
	-53.05 dBc	≤ -20 dBc	Pass



2400 MHz - 2483.5 MHz Band, 5MHz Bandwidth , 54Mbps, Modulation Type, 64-QAM, Coding Rate, 3/4, Low Channel 2406 MHz			
	Value	Limit	Result
	-41.92 dBc	≤ -20 dBc	Pass

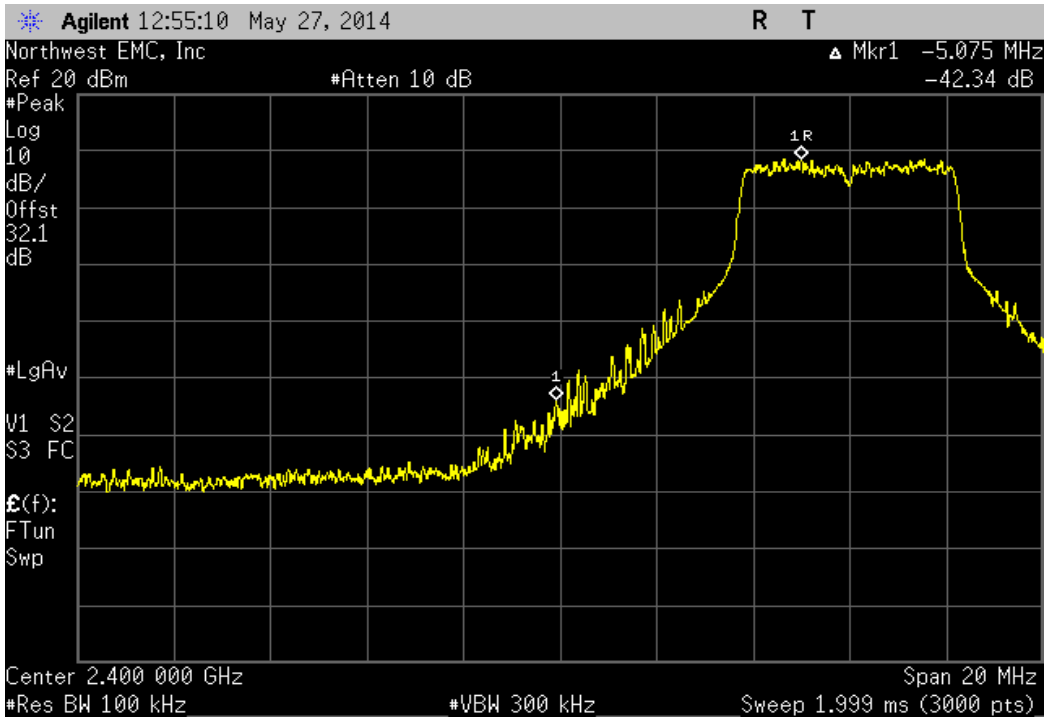


2400 MHz - 2483.5 MHz Band, 5MHz Bandwidth , 54Mbps, Modulation Type, 64-QAM, Coding Rate, 3/4, High Channel 2466 MHz			
	Value	Limit	Result
	-53.23 dBc	≤ -20 dBc	Pass



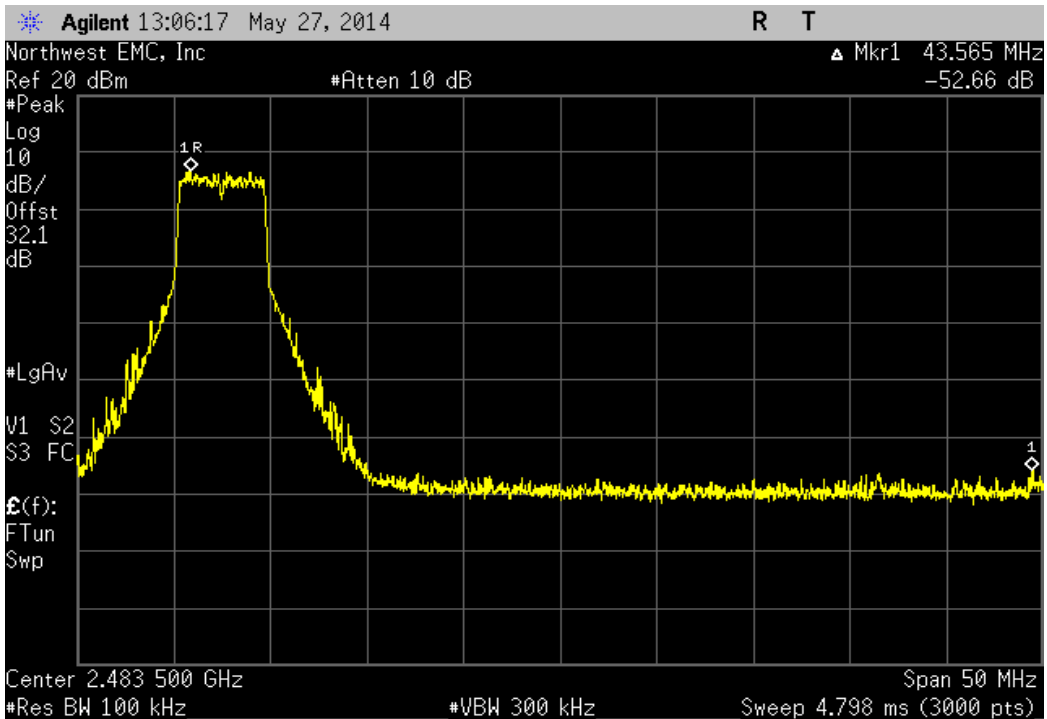
2400 MHz - 2483.5 MHz Band, 5MHz Bandwidth , MCS0, Modulation Type, BPSK, Coding Rate, 1/2, Low Channel 2406 MHz

Value	Limit	Result
-42.34 dBc	≤ -20 dBc	Pass



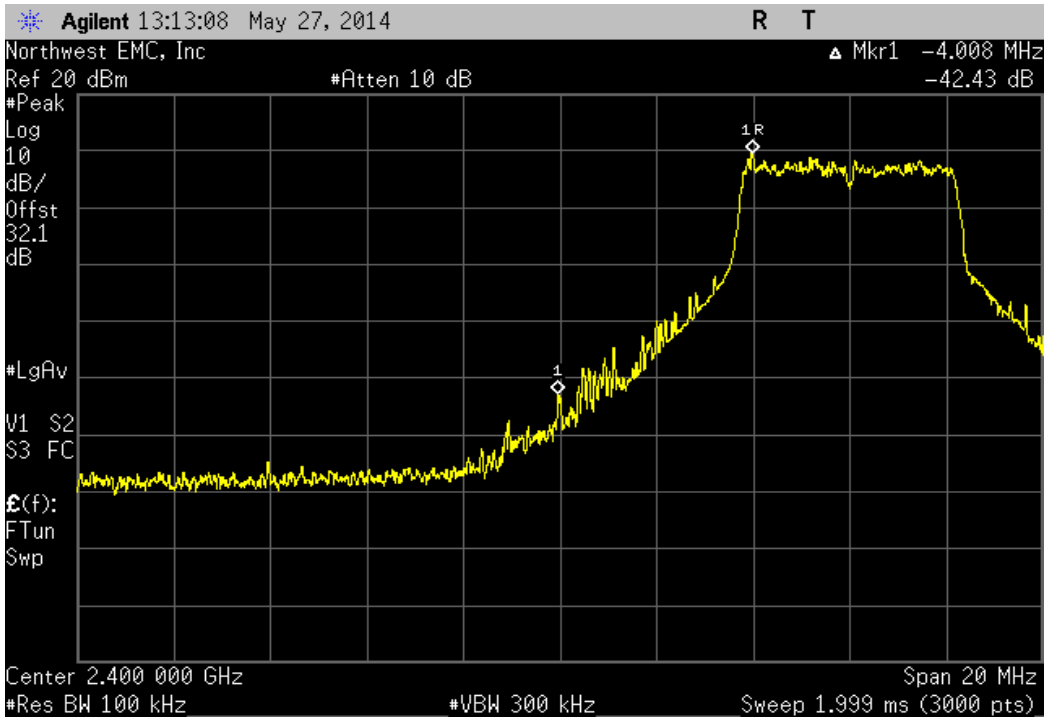
2400 MHz - 2483.5 MHz Band, 5MHz Bandwidth , MCS0, Modulation Type, BPSK, Coding Rate, 1/2, High Channel 2466 MHz

Value	Limit	Result
-52.66 dBc	≤ -20 dBc	Pass



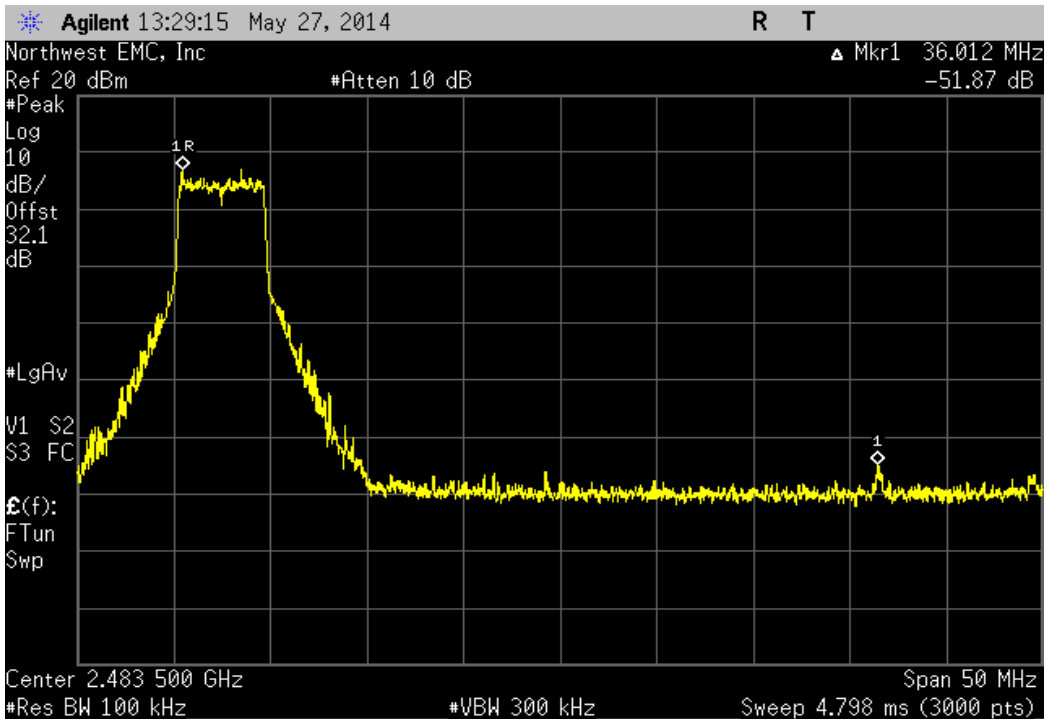
2400 MHz - 2483.5 MHz Band, 5MHz Bandwidth , Modulation Type, 64-QAM, Coding Rate, 5/6, Low Channel 2406 MHz

Value	Limit	Result
-42.43 dBc	≤ -20 dBc	Pass



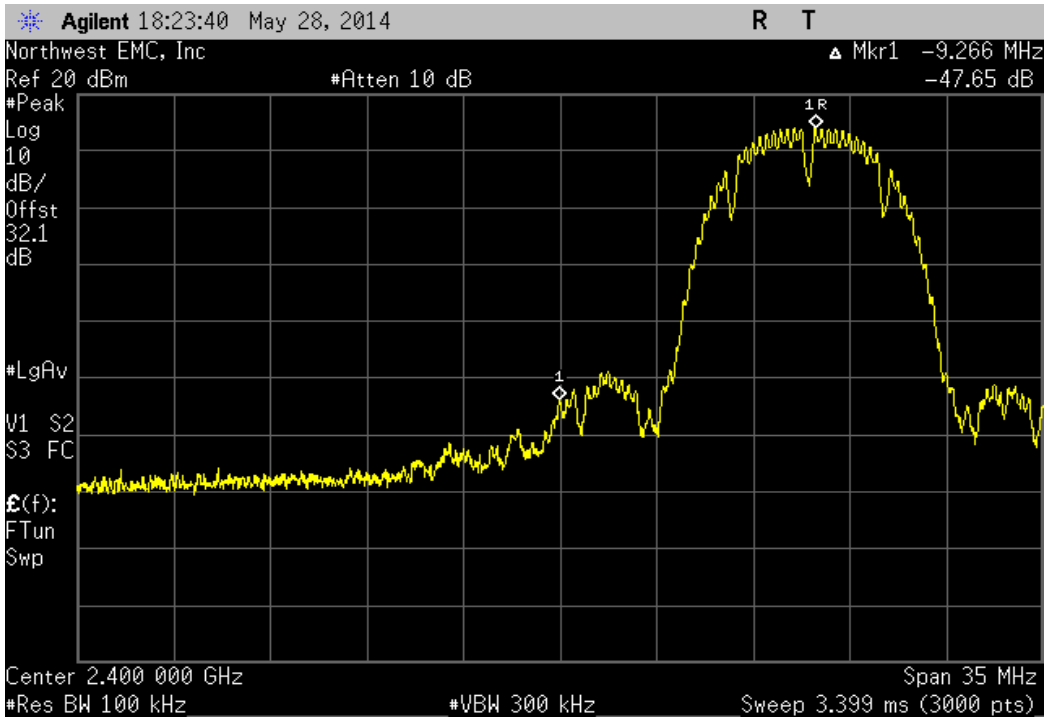
2400 MHz - 2483.5 MHz Band, 5MHz Bandwidth , Modulation Type, 64-QAM, Coding Rate, 5/6, High Channel 2466 MHz

Value	Limit	Result
-51.87 dBc	≤ -20 dBc	Pass



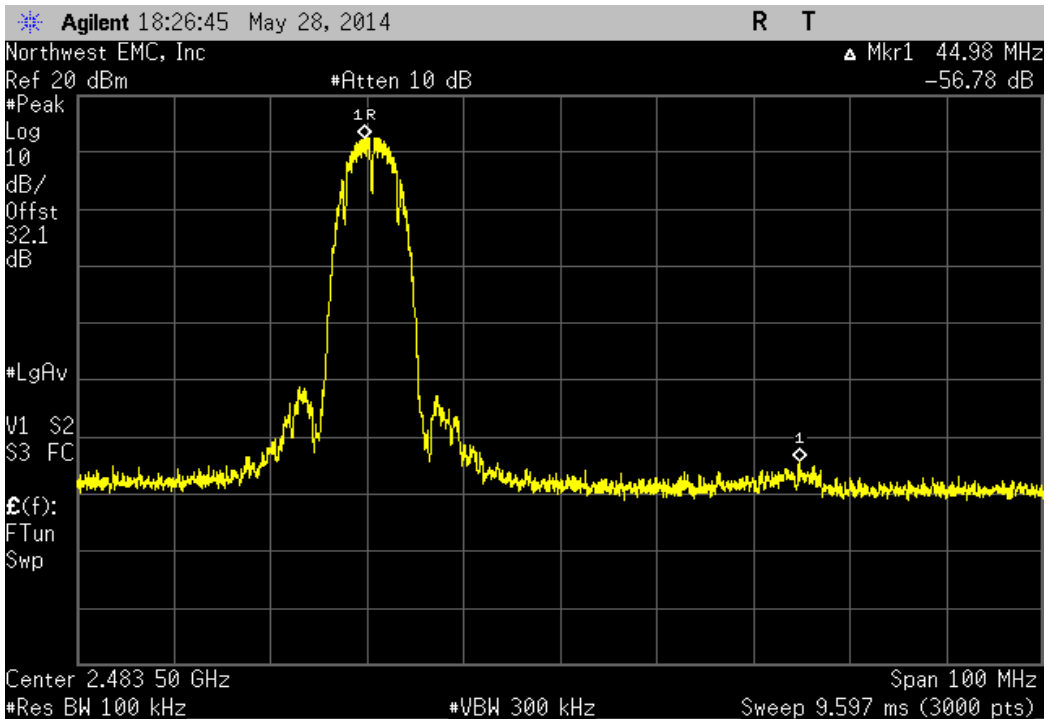
2400 MHz - 2483.5 MHz Band, 10MHz Bandwidth ,1Mbps, Modulation Type, DBPSK, Low Channel 2409 MHz

Value	Limit	Result
-47.65 dBc	≤ -20 dBc	Pass



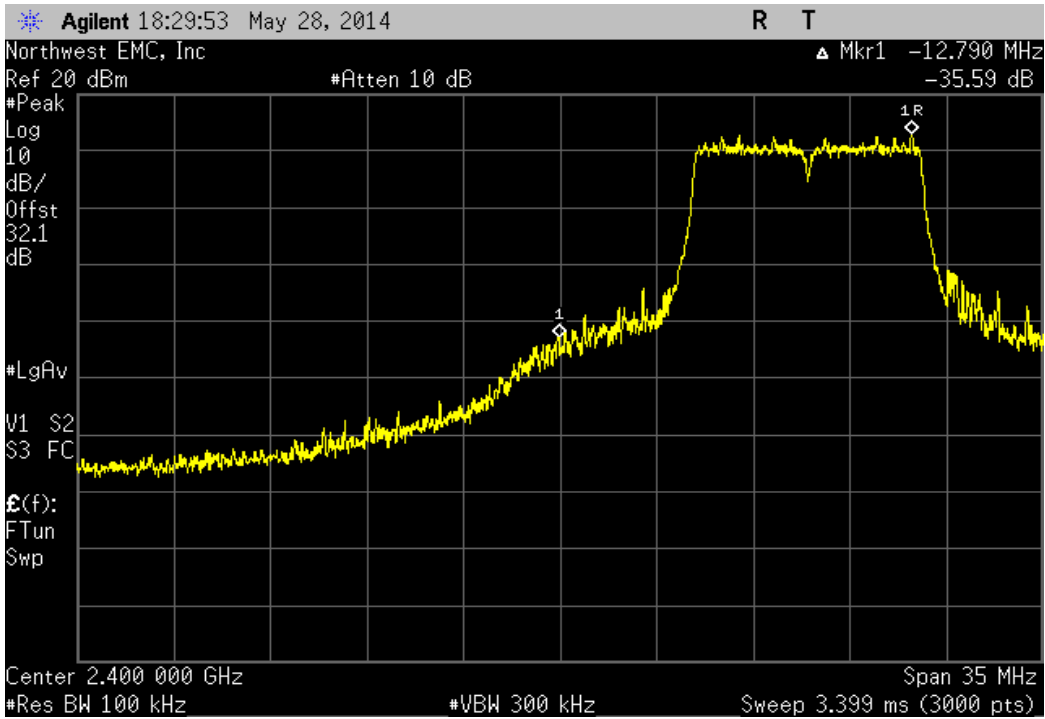
2400 MHz - 2483.5 MHz Band, 10MHz Bandwidth ,1Mbps, Modulation Type, DBPSK, High Channel 2464 MHz

Value	Limit	Result
-56.79 dBc	≤ -20 dBc	Pass



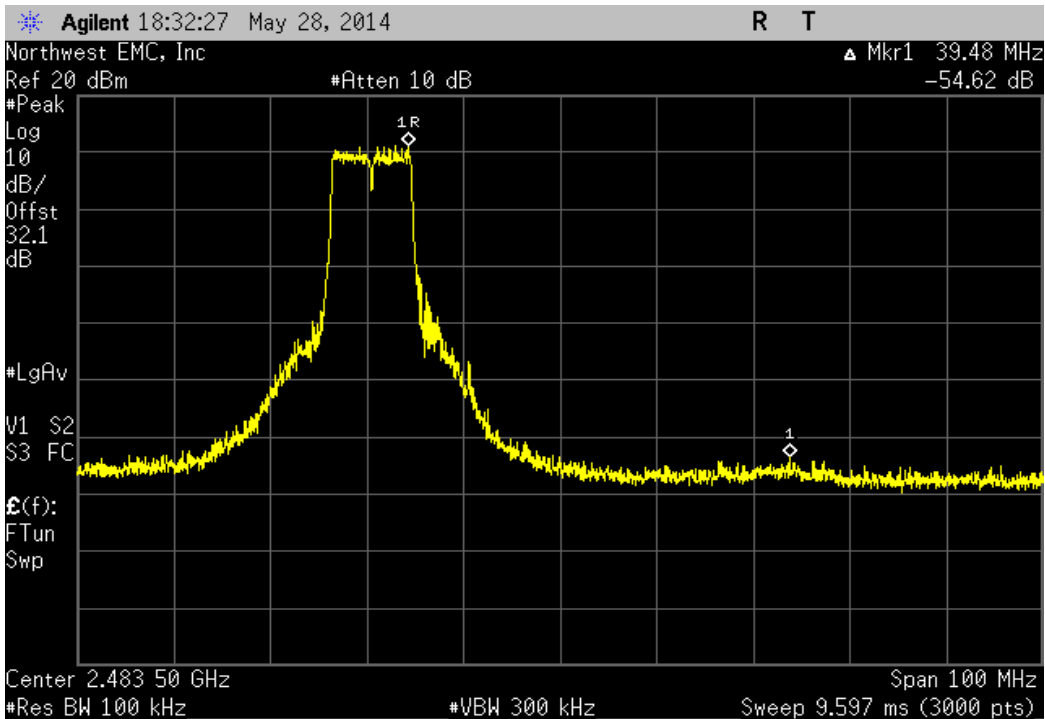
2400 MHz - 2483.5 MHz Band, 10MHz Bandwidth , 6Mbps, Modulation Type, BPSK, Coding Rate, 1/2, Low Channel 2409 MHz

Value	Limit	Result
-35.59 dBc	≤ -20 dBc	Pass

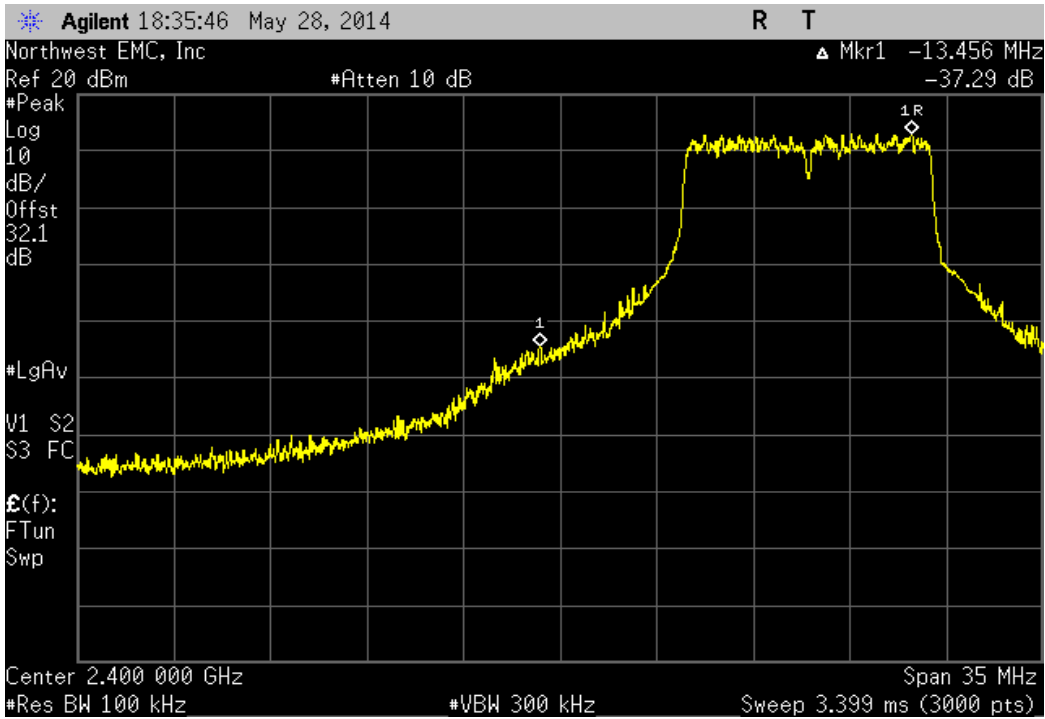


2400 MHz - 2483.5 MHz Band, 10MHz Bandwidth , 6Mbps, Modulation Type, BPSK, Coding Rate, 1/2, High Channel 2464 MHz

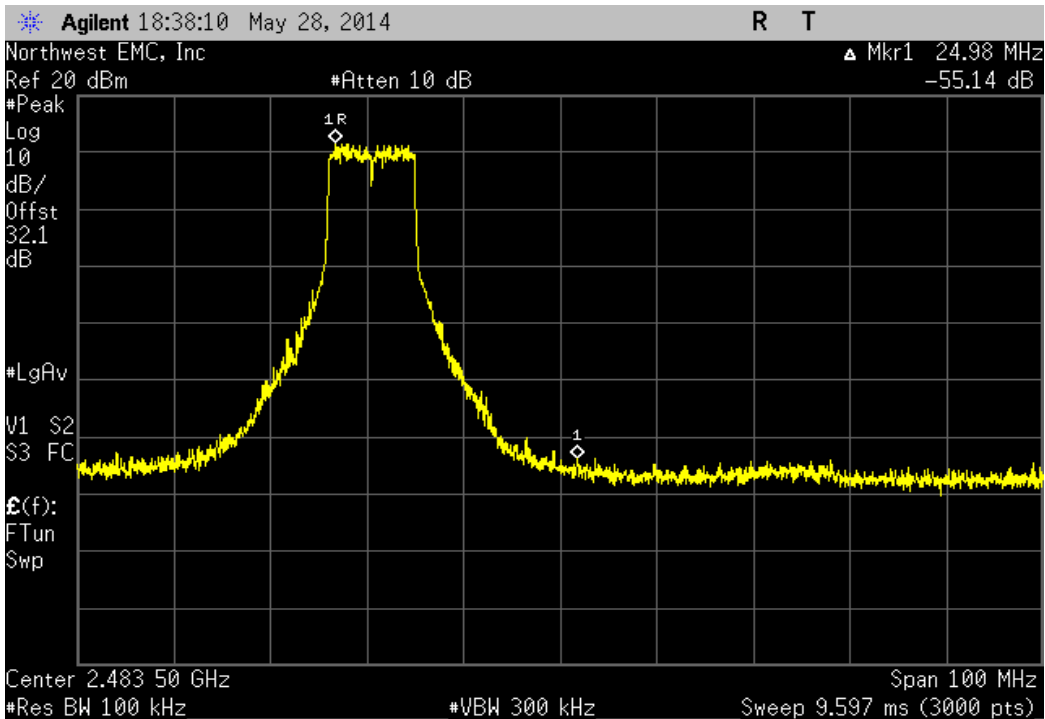
Value	Limit	Result
-54.62 dBc	≤ -20 dBc	Pass



2400 MHz - 2483.5 MHz Band, 10MHz Bandwidth , Modulation Type, 64-QAM, Coding Rate, 5/6, Low Channel 2409 MHz			
		Value	Limit
		-37.29 dBc	≤ -20 dBc
			Result
			Pass



2400 MHz - 2483.5 MHz Band, 10MHz Bandwidth , Modulation Type, 64-QAM, Coding Rate, 5/6, High Channel 2464 MHz			
		Value	Limit
		-55.14 dBc	≤ -20 dBc
			Result
			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
40GHz DC Block	Miteq	DCB4000	AMD	4/28/2014	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 6 dB, SMA M/F 26GHz	S.M. Electronics	SA26B-6	AUX	7/30/2013	12
Power Meter	Agilent	N1913A	SQR	4/29/2013	36
Power Sensor	Agilent	E9300H	SQO	4/29/2013	36
Spectrum Analyzer	Agilent	E4446A	AAQ	1/21/2014	24
MXG MW Analog Signal Generator 40 Gig	Agilent	N5183A	TID	9/19/2011	36

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 2014.02.07
PsaTx 2014.04.01

EUT: WavePoint 10e Industrial Wireless Router (W2400-01)		Work Order: FREW0026	
Serial Number: 135268908		Date: 06/04/14	
Customer: FreeWave Technologies, Inc.		Temperature: 22°C	
Attendees: Dean Busch		Humidity: 36%	
Project: None		Barometric Pres.: 1022	
Tested by: Brandon Hobbs, Jared Ison		Power: 12 VDC	
		Job Site: EV06	
TEST SPECIFICATIONS		Test Method	
FCC 15.247:2014		ANSI C63.10:2009	

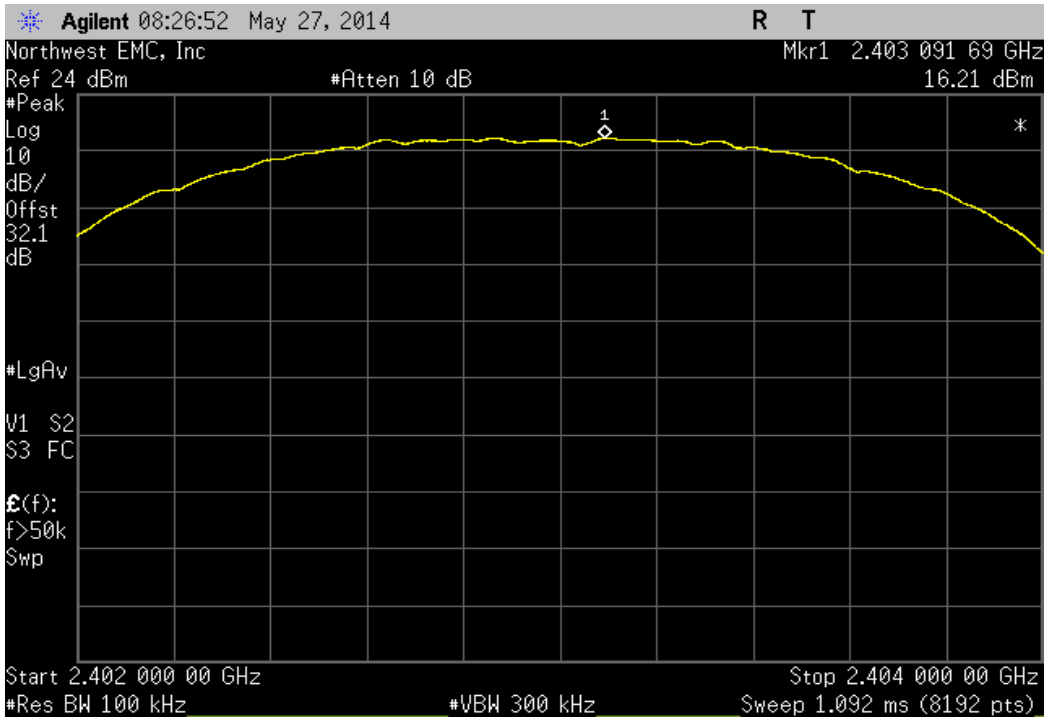
COMMENTS
Please reference the power levels for this test in the power level table. An additional 10dB 5watt attenuator was used inline for all measurements made while under test.

DEVIATIONS FROM TEST STANDARD
None

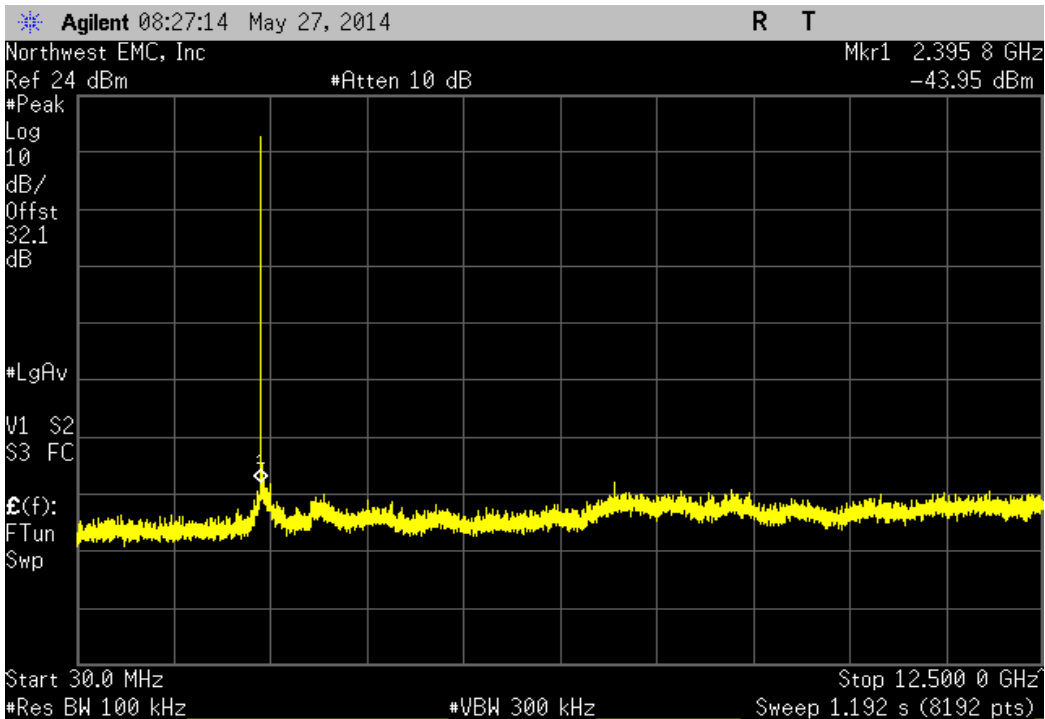
Configuration #	1	Signature 
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2400 MHz - 2483.5 MHz Band	Frequency Range	Value	Limit	Result
2.5MHz Bandwidth				
802.11(b) 1 Mbps				
Low Channel 2403 MHz	Fundamental	N/A	N/A	N/A
Low Channel 2403 MHz	30 MHz - 12.5 GHz	-60.16 dBc	≤ -20 dBc	Pass
Low Channel 2403 MHz	12.5 GHz - 25 GHz	-53.51 dBc	≤ -20 dBc	Pass
Mid Channel 2435 MHz	Fundamental	N/A	N/A	N/A
Mid Channel 2435 MHz	30 MHz - 12.5 GHz	-59.93 dBc	≤ -20 dBc	Pass
Mid Channel 2435 MHz	12.5 GHz - 25 GHz	-52.54 dBc	≤ -20 dBc	Pass
High Channel 2470 MHz	Fundamental	N/A	N/A	N/A
High Channel 2470 MHz	30 MHz - 12.5 GHz	-59.08 dBc	≤ -20 dBc	Pass
High Channel 2470 MHz	12.5 GHz - 25 GHz	-51.5 dBc	≤ -20 dBc	Pass
802.11(b) 11 Mbps				
Low Channel 2403 MHz	Fundamental	N/A	N/A	N/A
Low Channel 2403 MHz	30 MHz - 12.5 GHz	-63.99 dBc	≤ -20 dBc	Pass
Low Channel 2403 MHz	12.5 GHz - 25 GHz	-57.45 dBc	≤ -20 dBc	Pass
Mid Channel 2435 MHz	Fundamental	N/A	N/A	N/A
Mid Channel 2435 MHz	30 MHz - 12.5 GHz	-62.45 dBc	≤ -20 dBc	Pass
Mid Channel 2435 MHz	12.5 GHz - 25 GHz	-57.35 dBc	≤ -20 dBc	Pass
High Channel 2470 MHz	Fundamental	N/A	N/A	N/A
High Channel 2470 MHz	30 MHz - 12.5 GHz	-62.77 dBc	≤ -20 dBc	Pass
High Channel 2470 MHz	12.5 GHz - 25 GHz	-55.7 dBc	≤ -20 dBc	Pass
802.11(g) 6 Mbps				
Low Channel 2403 MHz	Fundamental	N/A	N/A	N/A
Low Channel 2403 MHz	30 MHz - 12.5 GHz	-58.25 dBc	≤ -20 dBc	Pass
Low Channel 2403 MHz	12.5 GHz - 25 GHz	-51.91 dBc	≤ -20 dBc	Pass
Mid Channel 2435 MHz	Fundamental	N/A	N/A	N/A
Mid Channel 2435 MHz	30 MHz - 12.5 GHz	-58.18 dBc	≤ -20 dBc	Pass
Mid Channel 2435 MHz	12.5 GHz - 25 GHz	-51.68 dBc	≤ -20 dBc	Pass
High Channel 2470 MHz	Fundamental	N/A	N/A	N/A
High Channel 2470 MHz	30 MHz - 12.5 GHz	-57.43 dBc	≤ -20 dBc	Pass
High Channel 2470 MHz	12.5 GHz - 25 GHz	-50.77 dBc	≤ -20 dBc	Pass
802.11(g) 36 Mbps				
Low Channel 2403 MHz	Fundamental	N/A	N/A	N/A
Low Channel 2403 MHz	30 MHz - 12.5 GHz	-56.41 dBc	≤ -20 dBc	Pass
Low Channel 2403 MHz	12.5 GHz - 25 GHz	-49.69 dBc	≤ -20 dBc	Pass
Mid Channel 2435 MHz	Fundamental	N/A	N/A	N/A
Mid Channel 2435 MHz	30 MHz - 12.5 GHz	-55.66 dBc	≤ -20 dBc	Pass
Mid Channel 2435 MHz	12.5 GHz - 25 GHz	-48.5 dBc	≤ -20 dBc	Pass
High Channel 2470 MHz	Fundamental	N/A	N/A	N/A
High Channel 2470 MHz	30 MHz - 12.5 GHz	-54.69 dBc	≤ -20 dBc	Pass
High Channel 2470 MHz	12.5 GHz - 25 GHz	-47.93 dBc	≤ -20 dBc	Pass
802.11(g) 54 Mbps				
Low Channel 2403 MHz	Fundamental	N/A	N/A	N/A
Low Channel 2403 MHz	30 MHz - 12.5 GHz	-56.82 dBc	≤ -20 dBc	Pass
Low Channel 2403 MHz	12.5 GHz - 25 GHz	-48.9 dBc	≤ -20 dBc	Pass
Mid Channel 2435 MHz	Fundamental	N/A	N/A	N/A
Mid Channel 2435 MHz	30 MHz - 12.5 GHz	-54.83 dBc	≤ -20 dBc	Pass
Mid Channel 2435 MHz	12.5 GHz - 25 GHz	-48.19 dBc	≤ -20 dBc	Pass
High Channel 2470 MHz	Fundamental	N/A	N/A	N/A
High Channel 2470 MHz	30 MHz - 12.5 GHz	-54.26 dBc	≤ -20 dBc	Pass
High Channel 2470 MHz	12.5 GHz - 25 GHz	-47.78 dBc	≤ -20 dBc	Pass
802.11(n) MCS0				
Low Channel 2403 MHz	Fundamental	N/A	N/A	N/A
Low Channel 2403 MHz	30 MHz - 12.5 GHz	-51.45 dBc	≤ -20 dBc	Pass
Low Channel 2403 MHz	12.5 GHz - 25 GHz	-44.5 dBc	≤ -20 dBc	Pass
Mid Channel 2435 MHz	Fundamental	N/A	N/A	N/A
Mid Channel 2435 MHz	30 MHz - 12.5 GHz	-53.94 dBc	≤ -20 dBc	Pass
Mid Channel 2435 MHz	12.5 GHz - 25 GHz	-47.88 dBc	≤ -20 dBc	Pass
High Channel 2470 MHz	Fundamental	N/A	N/A	N/A
High Channel 2470 MHz	30 MHz - 12.5 GHz	-53.83 dBc	≤ -20 dBc	Pass
High Channel 2470 MHz	12.5 GHz - 25 GHz	-47.3 dBc	≤ -20 dBc	Pass
802.11(n) MCS7				
Low Channel 2403 MHz	Fundamental	N/A	N/A	N/A
Low Channel 2403 MHz	30 MHz - 12.5 GHz	-55.52 dBc	≤ -20 dBc	Pass
Low Channel 2403 MHz	12.5 GHz - 25 GHz	-48.49 dBc	≤ -20 dBc	Pass
Mid Channel 2435 MHz	Fundamental	N/A	N/A	N/A
Mid Channel 2435 MHz	30 MHz - 12.5 GHz	-54.24 dBc	≤ -20 dBc	Pass
Mid Channel 2435 MHz	12.5 GHz - 25 GHz	-47.52 dBc	≤ -20 dBc	Pass
High Channel 2470 MHz	Fundamental	N/A	N/A	N/A
High Channel 2470 MHz	30 MHz - 12.5 GHz	-53.42 dBc	≤ -20 dBc	Pass
High Channel 2470 MHz	12.5 GHz - 25 GHz	-46.95 dBc	≤ -20 dBc	Pass

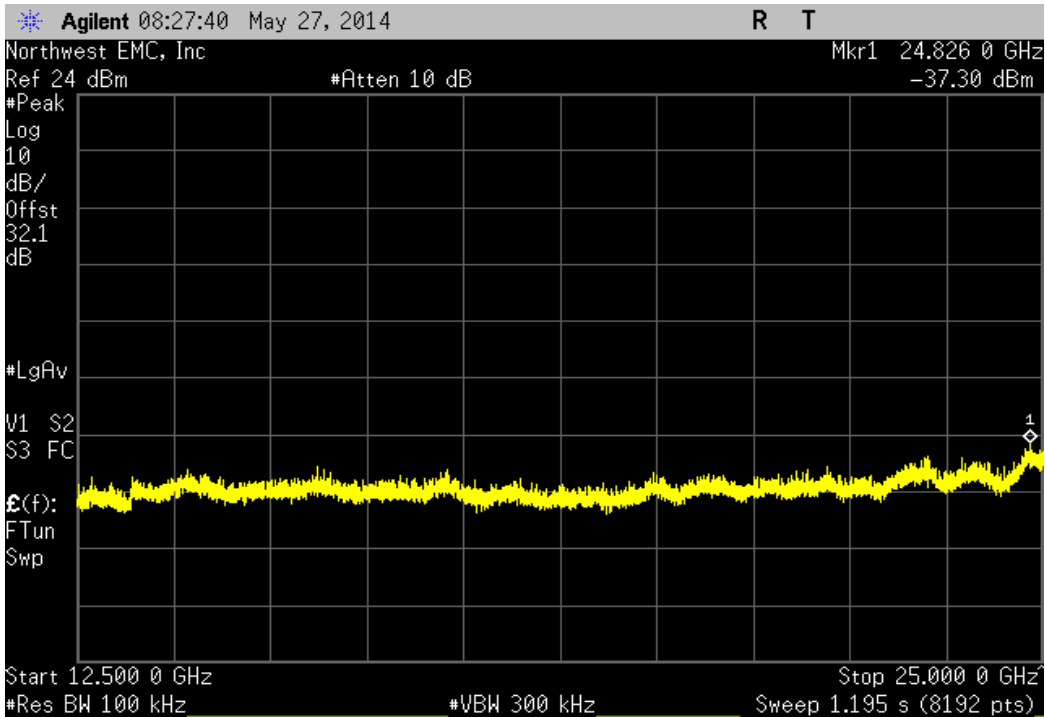
2400 MHz - 2483.5 MHz Band, 2.5MHz Bandwidth , 802.11(b) 1 Mbps, Low Channel 2403 MHz				
Frequency Range		Value	Limit	Result
Fundamental		N/A	N/A	N/A



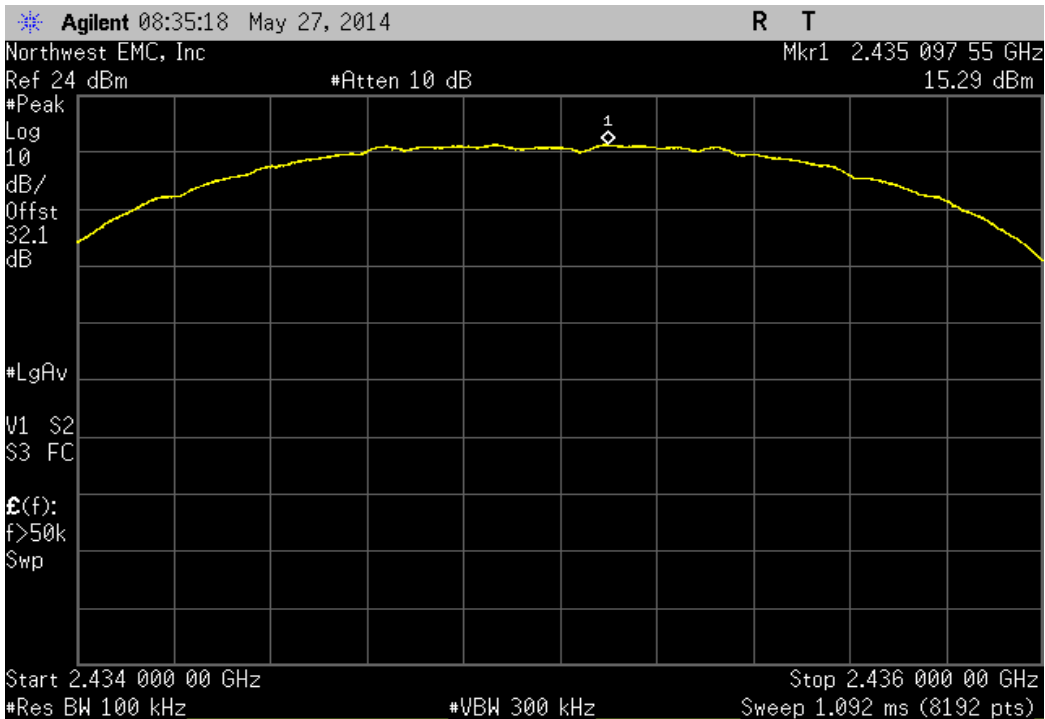
2400 MHz - 2483.5 MHz Band, 2.5MHz Bandwidth , 802.11(b) 1 Mbps, Low Channel 2403 MHz				
Frequency Range		Value	Limit	Result
30 MHz - 12.5 GHz		-60.16 dBc	≤ -20 dBc	Pass



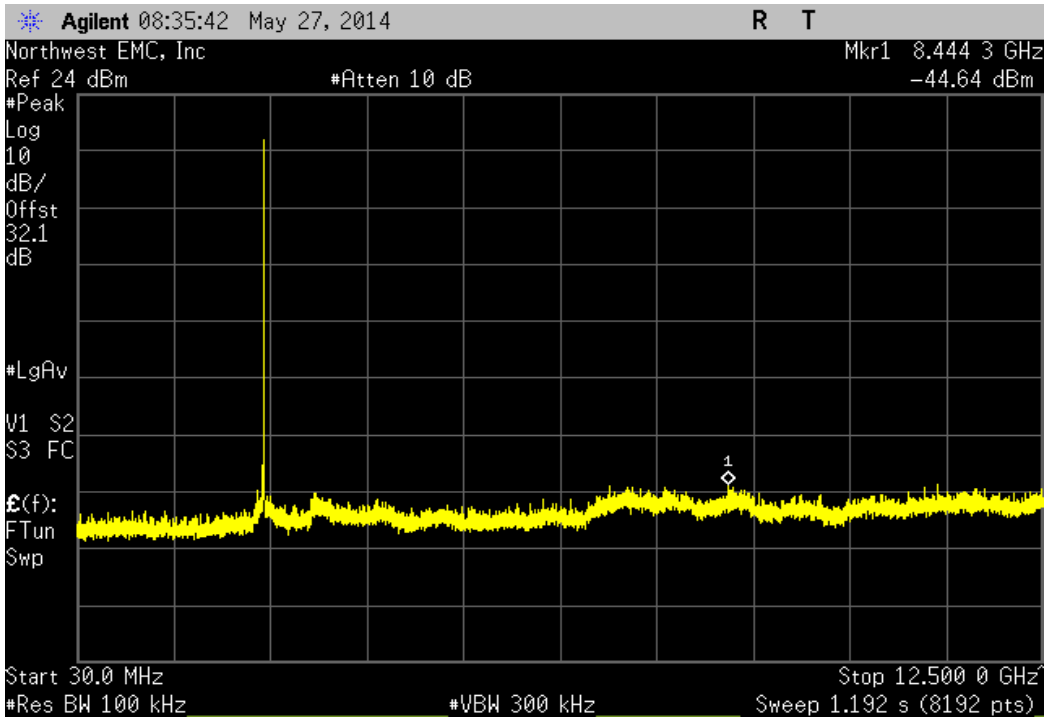
2400 MHz - 2483.5 MHz Band, 2.5MHz Bandwidth , 802.11(b) 1 Mbps, Low Channel 2403 MHz			
Frequency Range	Value	Limit	Result
12.5 GHz - 25 GHz	-53.51 dBc	≤ -20 dBc	Pass



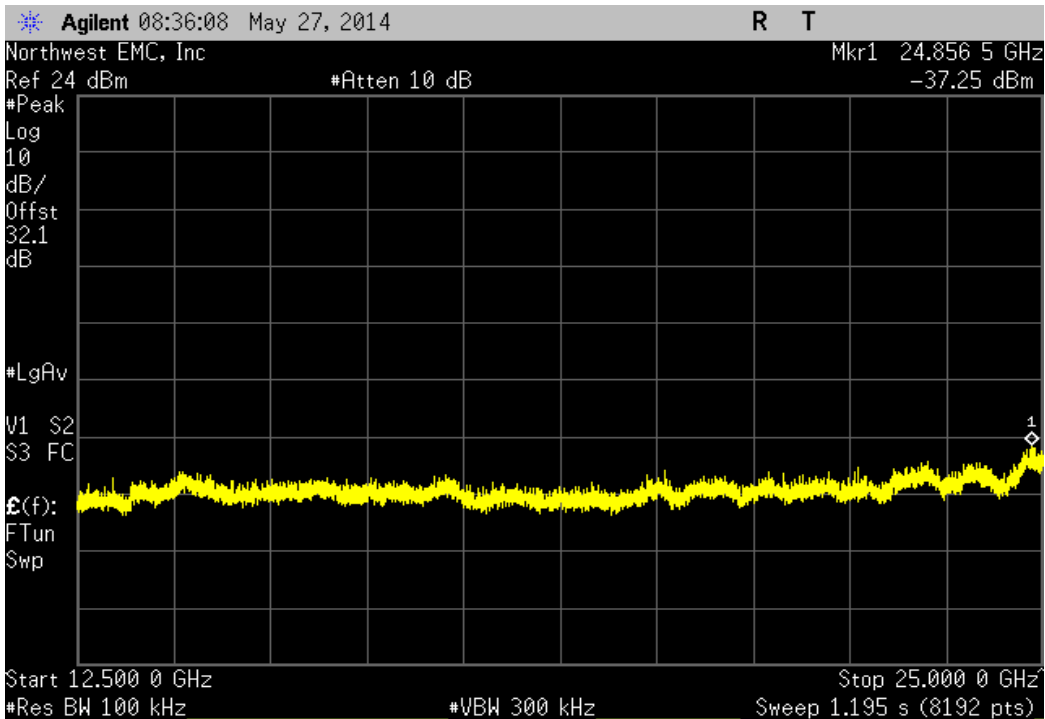
2400 MHz - 2483.5 MHz Band, 2.5MHz Bandwidth , 802.11(b) 1 Mbps, Mid Channel 2435 MHz			
Frequency Range	Value	Limit	Result
Fundamental	N/A	N/A	N/A



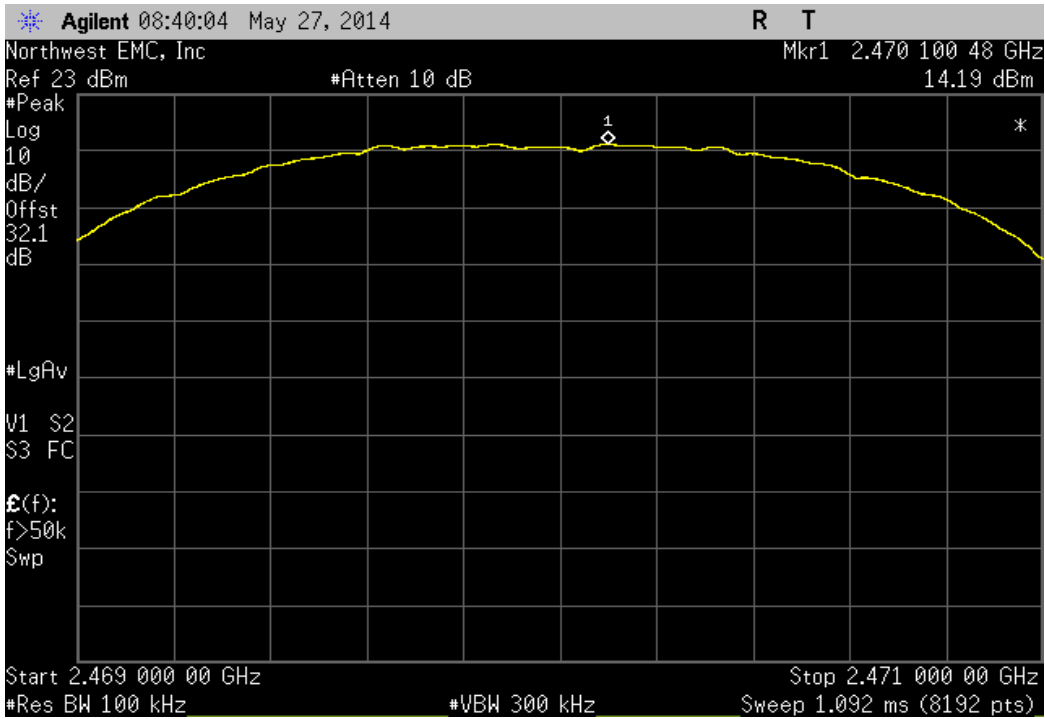
2400 MHz - 2483.5 MHz Band, 2.5MHz Bandwidth , 802.11(b) 1 Mbps, Mid Channel 2435 MHz			
Frequency Range	Value	Limit	Result
30 MHz - 12.5 GHz	-59.93 dBc	≤ -20 dBc	Pass



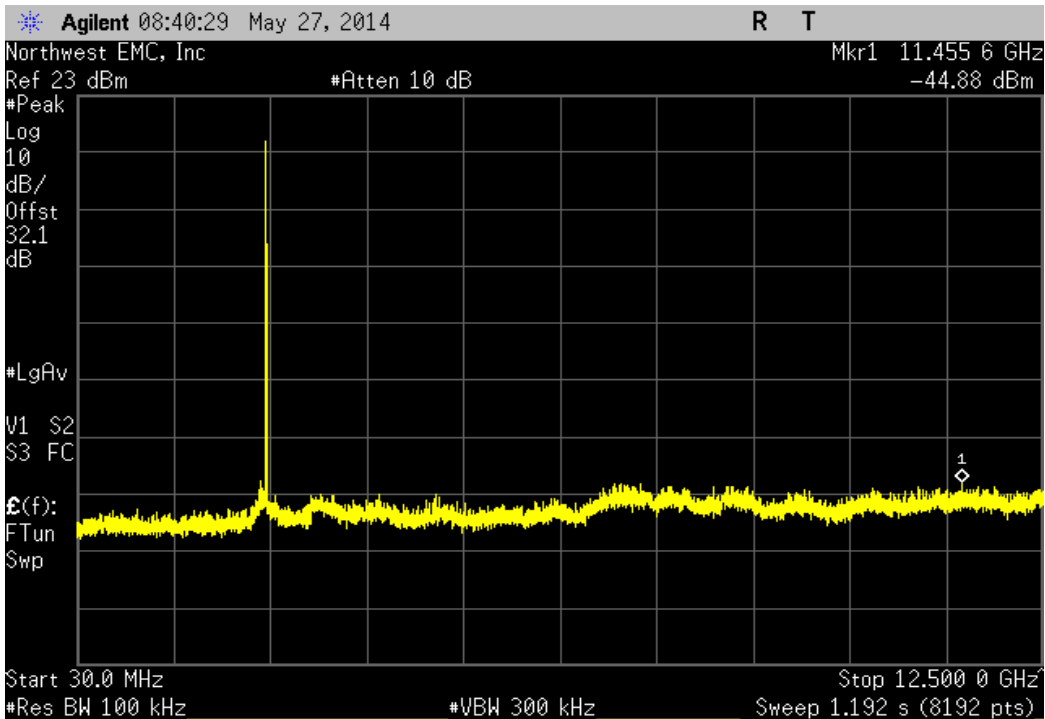
2400 MHz - 2483.5 MHz Band, 2.5MHz Bandwidth , 802.11(b) 1 Mbps, Mid Channel 2435 MHz			
Frequency Range	Value	Limit	Result
12.5 GHz - 25 GHz	-52.54 dBc	≤ -20 dBc	Pass



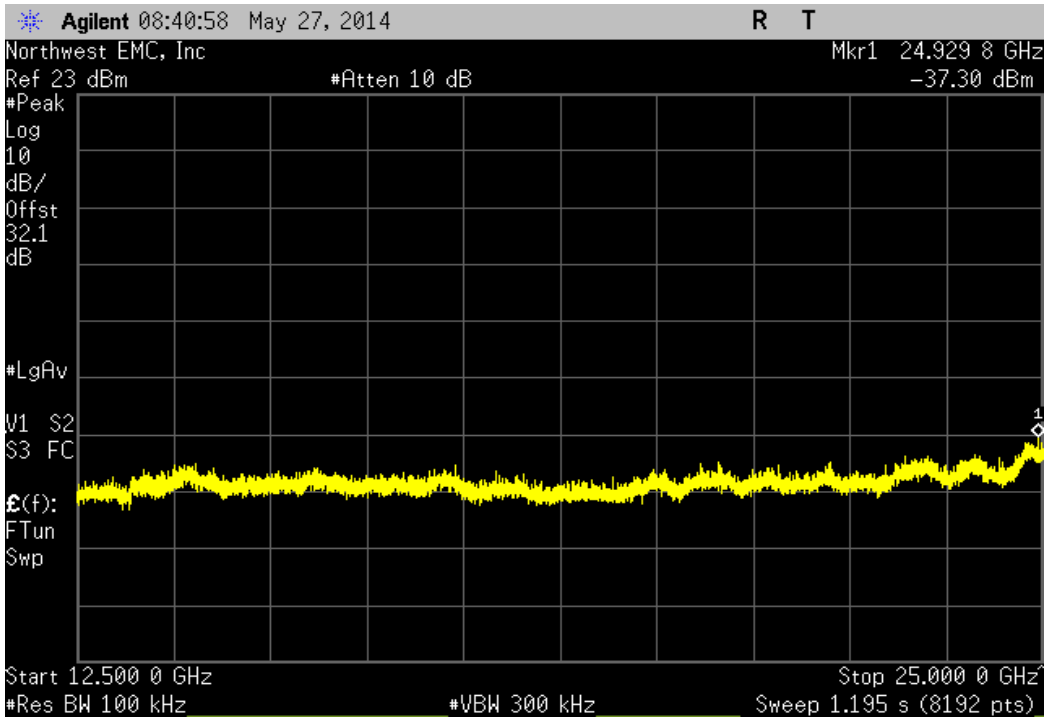
2400 MHz - 2483.5 MHz Band, 2.5MHz Bandwidth , 802.11(b) 1 Mbps, High Channel 2470 MHz				
Frequency Range		Value	Limit	Result
Fundamental		N/A	N/A	N/A



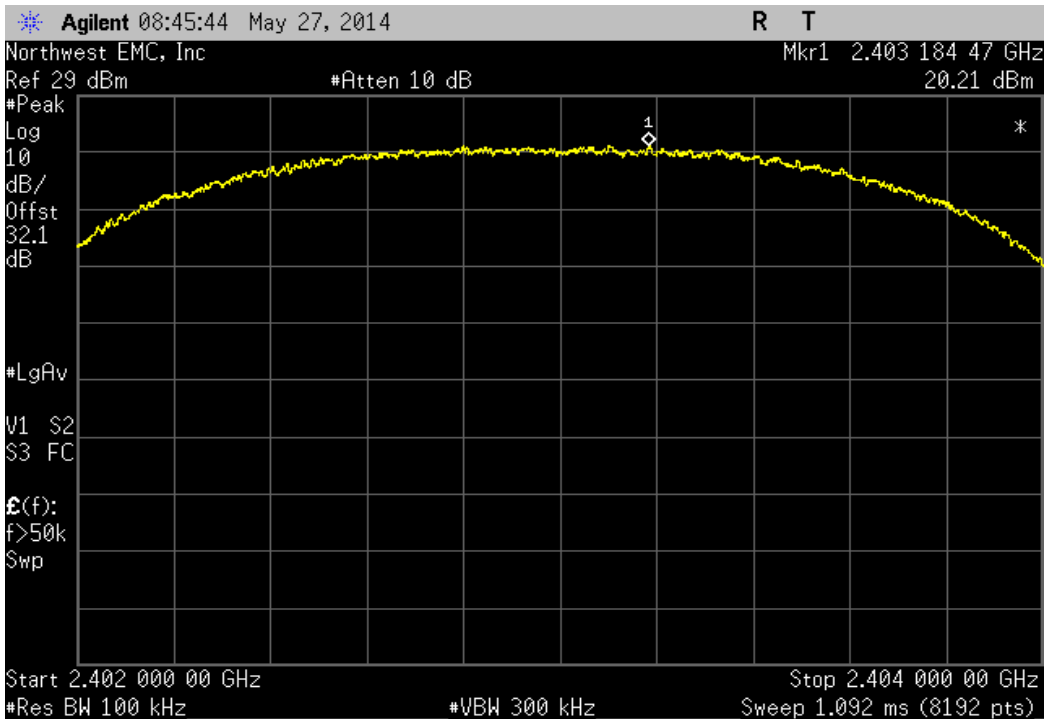
2400 MHz - 2483.5 MHz Band, 2.5MHz Bandwidth , 802.11(b) 1 Mbps, High Channel 2470 MHz				
Frequency Range		Value	Limit	Result
30 MHz - 12.5 GHz		-59.08 dBc	≤ -20 dBc	Pass



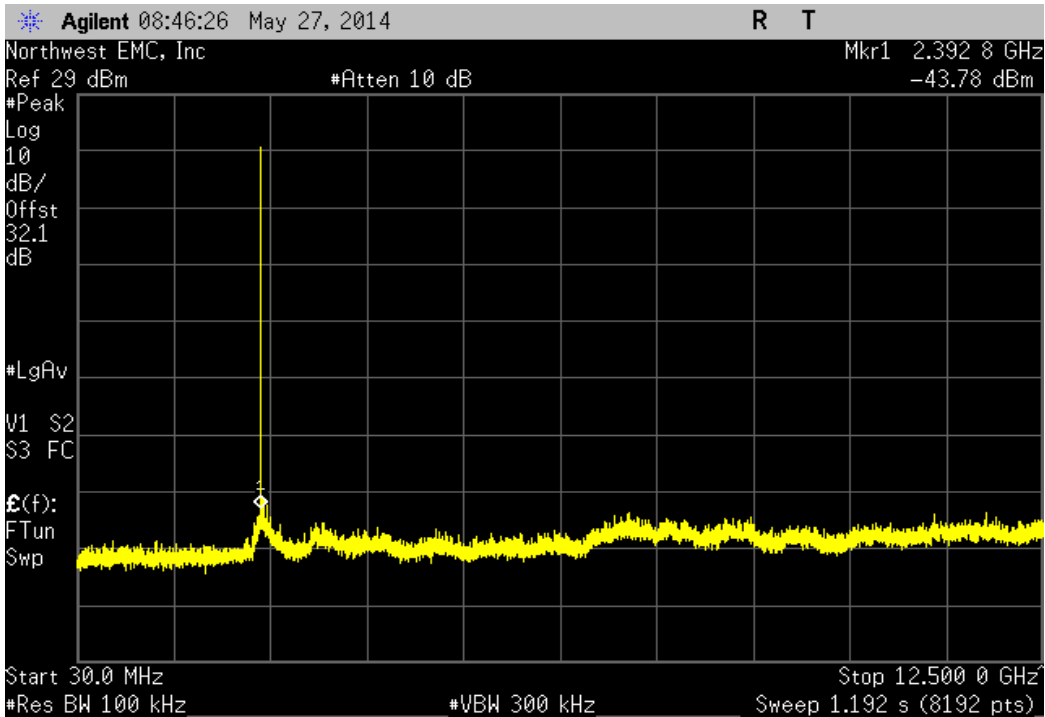
2400 MHz - 2483.5 MHz Band, 2.5MHz Bandwidth , 802.11(b) 1 Mbps, High Channel 2470 MHz			
Frequency Range	Value	Limit	Result
12.5 GHz - 25 GHz	-51.5 dBc	≤ -20 dBc	Pass



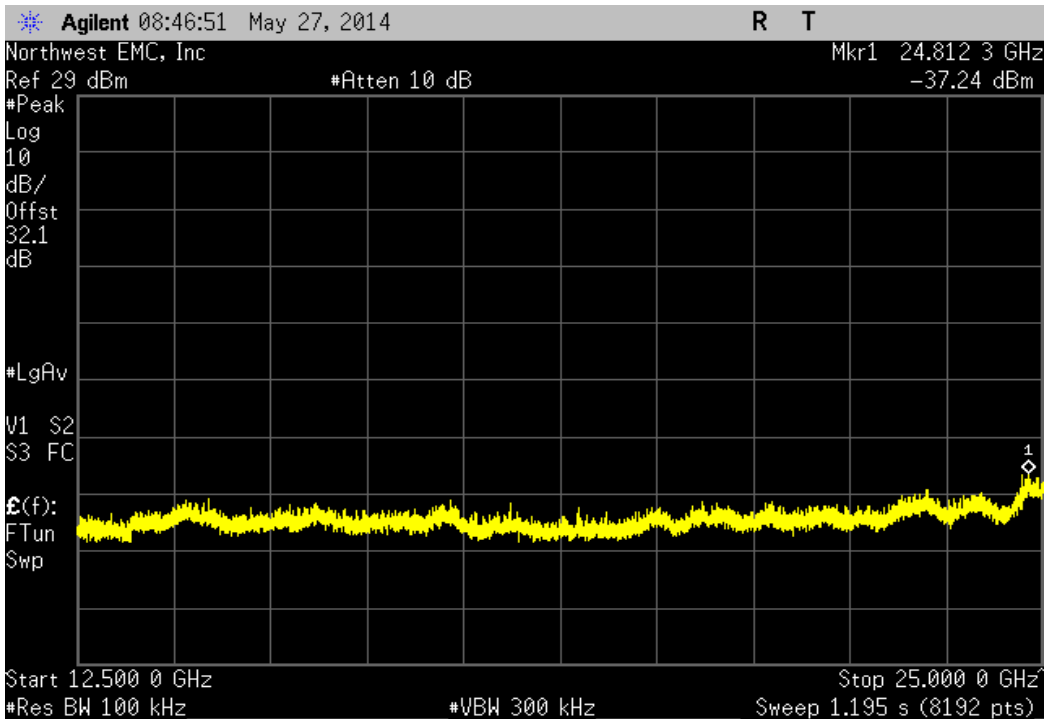
2400 MHz - 2483.5 MHz Band, 2.5MHz Bandwidth , 802.11(b) 11 Mbps, Low Channel 2403 MHz			
Frequency Range	Value	Limit	Result
Fundamental	N/A	N/A	N/A



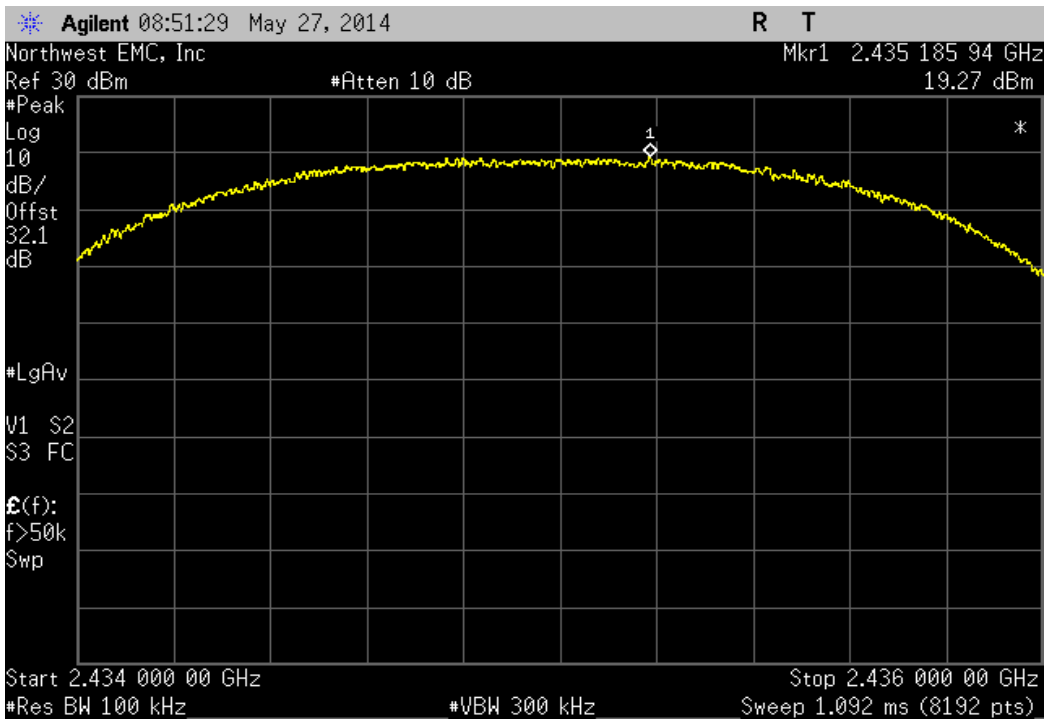
2400 MHz - 2483.5 MHz Band, 2.5MHz Bandwidth , 802.11(b) 11 Mbps, Low Channel 2403 MHz			
Frequency Range	Value	Limit	Result
30 MHz - 12.5 GHz	-63.99 dBc	≤ -20 dBc	Pass



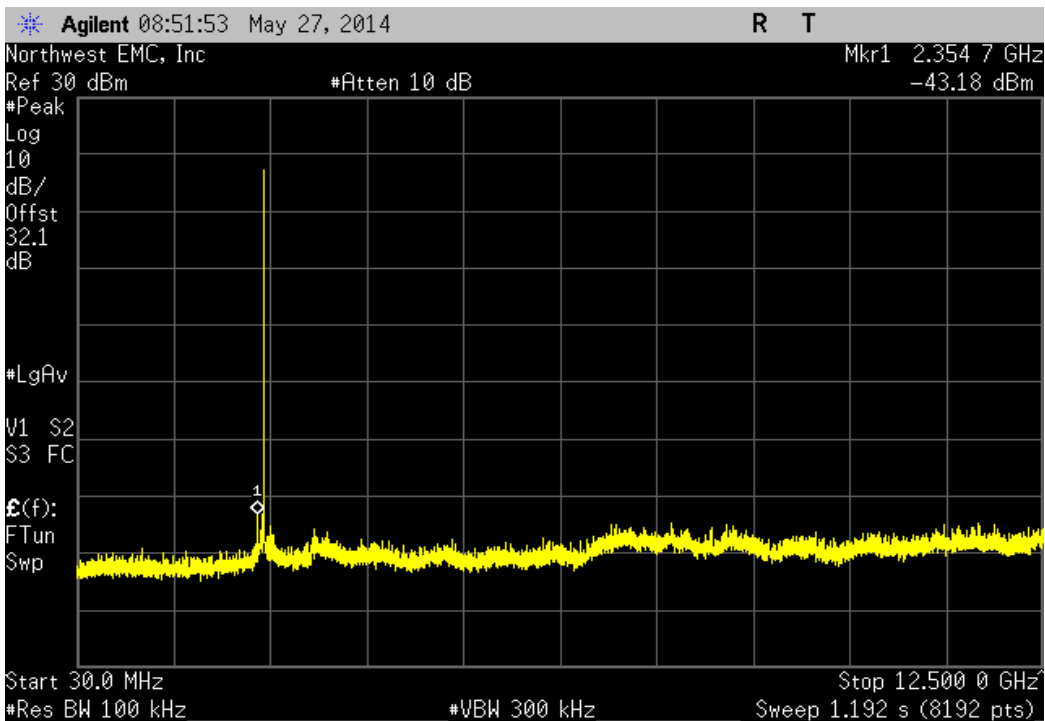
2400 MHz - 2483.5 MHz Band, 2.5MHz Bandwidth , 802.11(b) 11 Mbps, Low Channel 2403 MHz			
Frequency Range	Value	Limit	Result
12.5 GHz - 25 GHz	-57.45 dBc	≤ -20 dBc	Pass



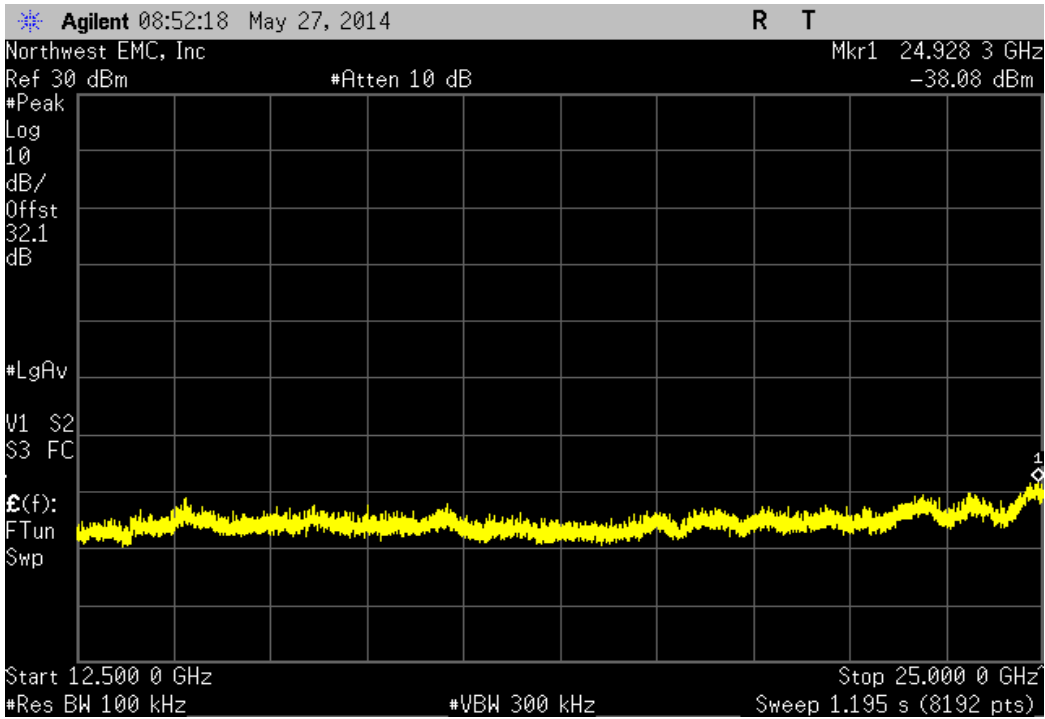
2400 MHz - 2483.5 MHz Band, 2.5MHz Bandwidth , 802.11(b) 11 Mbps, Mid Channel 2435 MHz				
Frequency Range		Value	Limit	Result
Fundamental		N/A	N/A	N/A



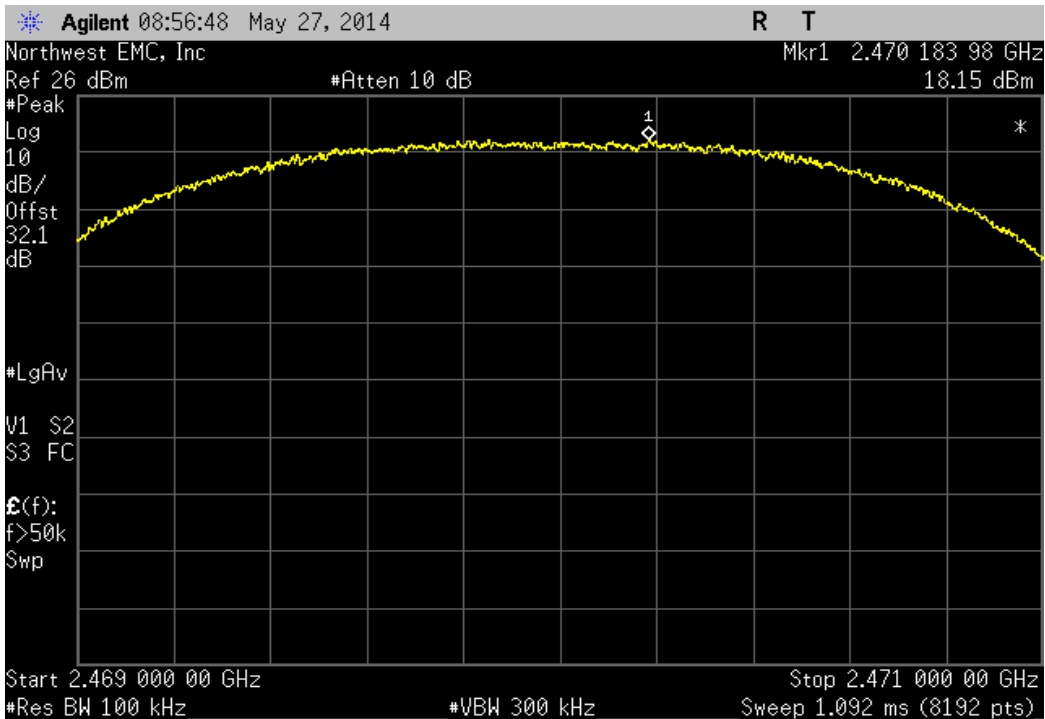
2400 MHz - 2483.5 MHz Band, 2.5MHz Bandwidth , 802.11(b) 11 Mbps, Mid Channel 2435 MHz				
Frequency Range		Value	Limit	Result
30 MHz - 12.5 GHz		-62.45 dBc	≤ -20 dBc	Pass



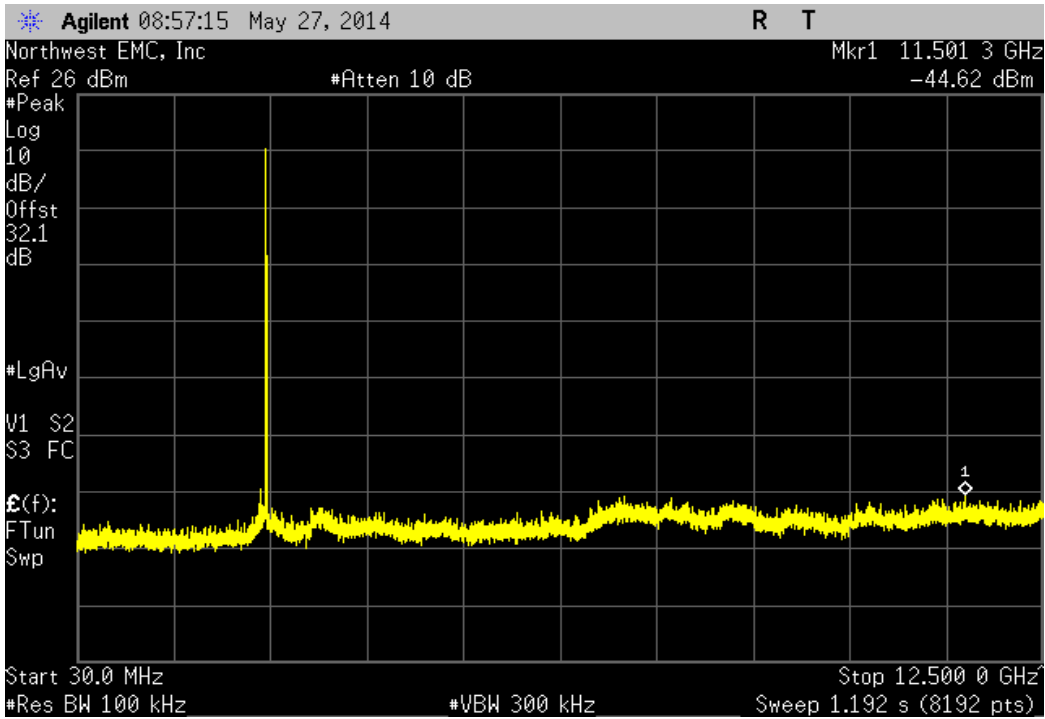
2400 MHz - 2483.5 MHz Band, 2.5MHz Bandwidth , 802.11(b) 11 Mbps, Mid Channel 2435 MHz			
Frequency Range	Value	Limit	Result
12.5 GHz - 25 GHz	-57.35 dBc	≤ -20 dBc	Pass



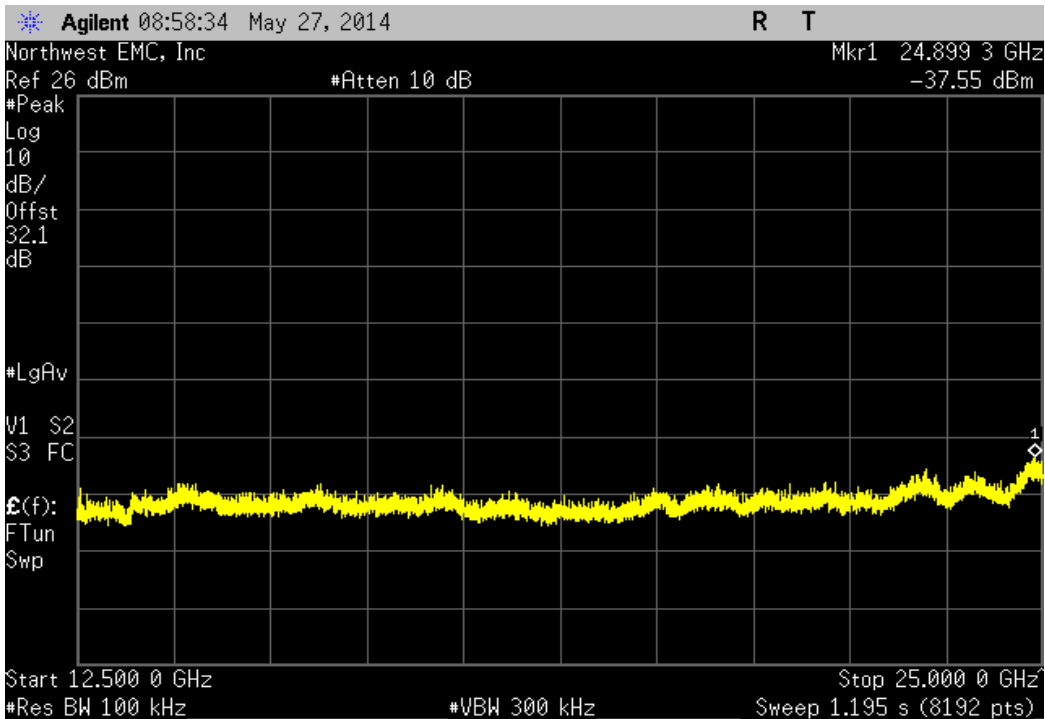
2400 MHz - 2483.5 MHz Band, 2.5MHz Bandwidth , 802.11(b) 11 Mbps, High Channel 2470 MHz			
Frequency Range	Value	Limit	Result
Fundamental	N/A	N/A	N/A



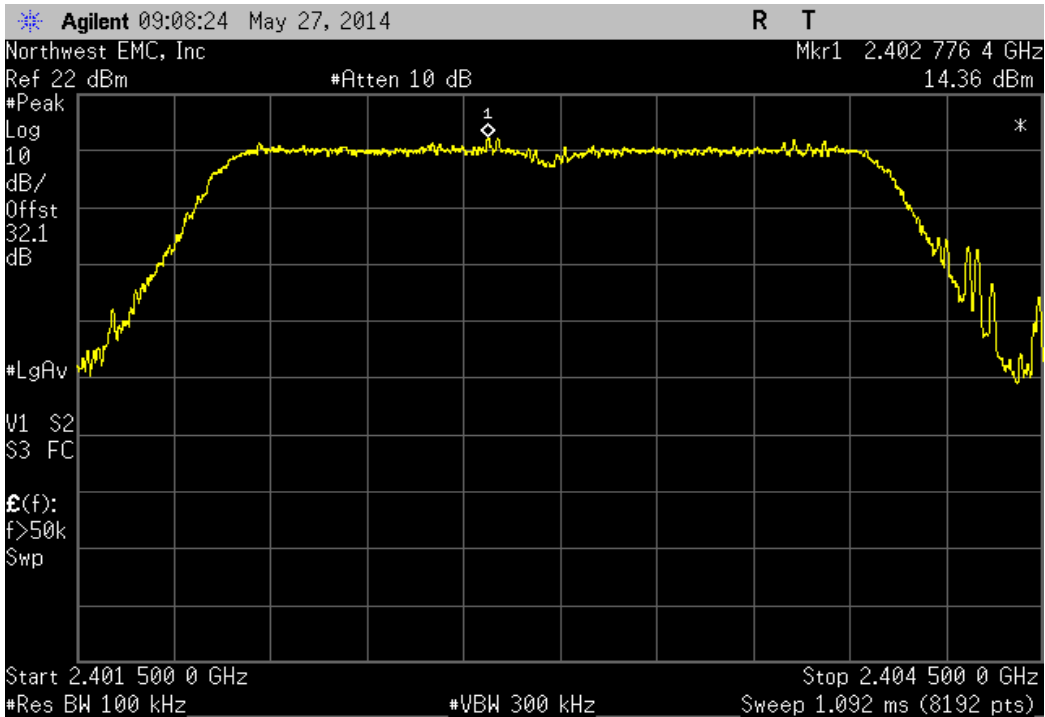
2400 MHz - 2483.5 MHz Band, 2.5MHz Bandwidth , 802.11(b) 11 Mbps, High Channel 2470 MHz			
Frequency Range	Value	Limit	Result
30 MHz - 12.5 GHz	-62.77 dBc	≤ -20 dBc	Pass



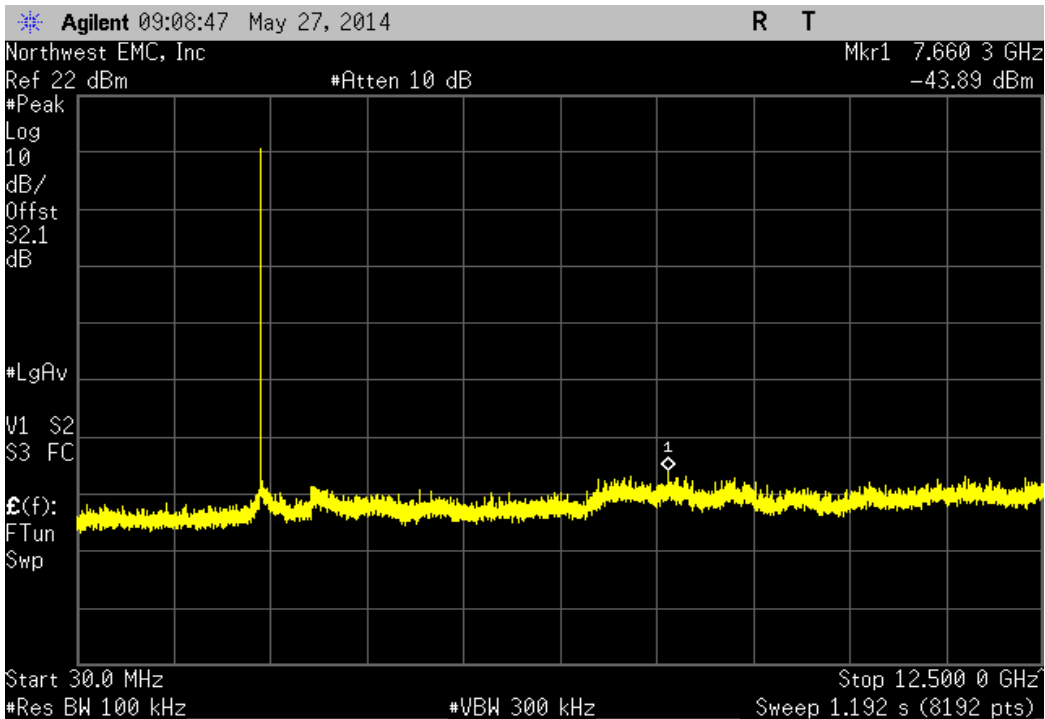
2400 MHz - 2483.5 MHz Band, 2.5MHz Bandwidth , 802.11(b) 11 Mbps, High Channel 2470 MHz			
Frequency Range	Value	Limit	Result
12.5 GHz - 25 GHz	-55.7 dBc	≤ -20 dBc	Pass



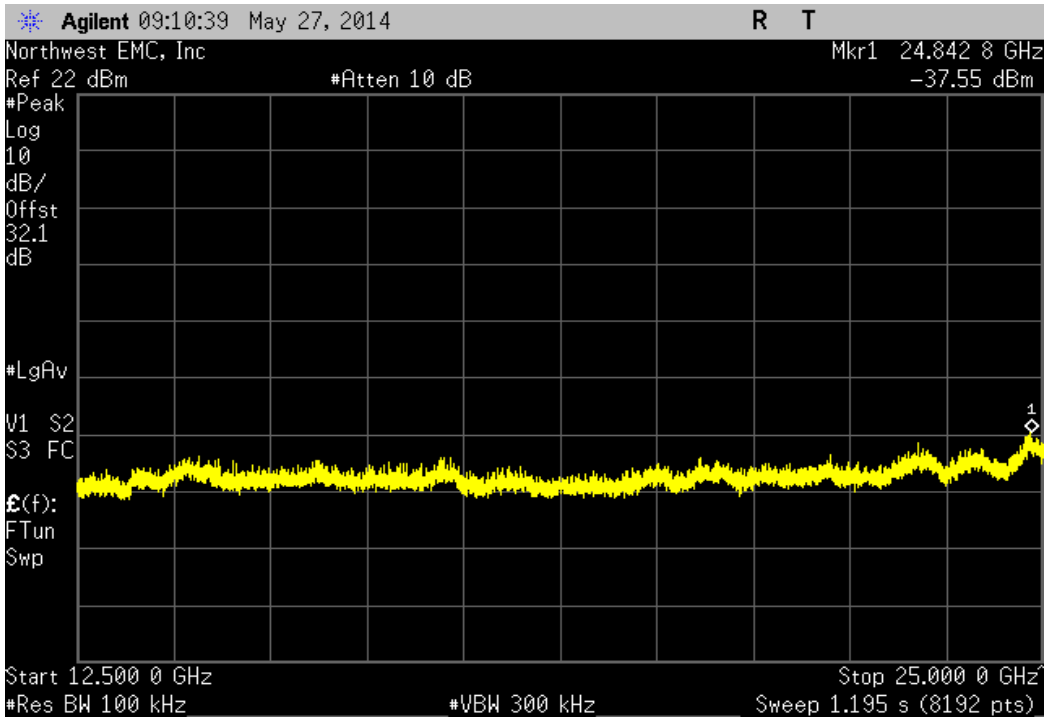
2400 MHz - 2483.5 MHz Band, 2.5MHz Bandwidth , 802.11(g) 6 Mbps, Low Channel 2403 MHz				
Frequency Range		Value	Limit	Result
Fundamental		N/A	N/A	N/A



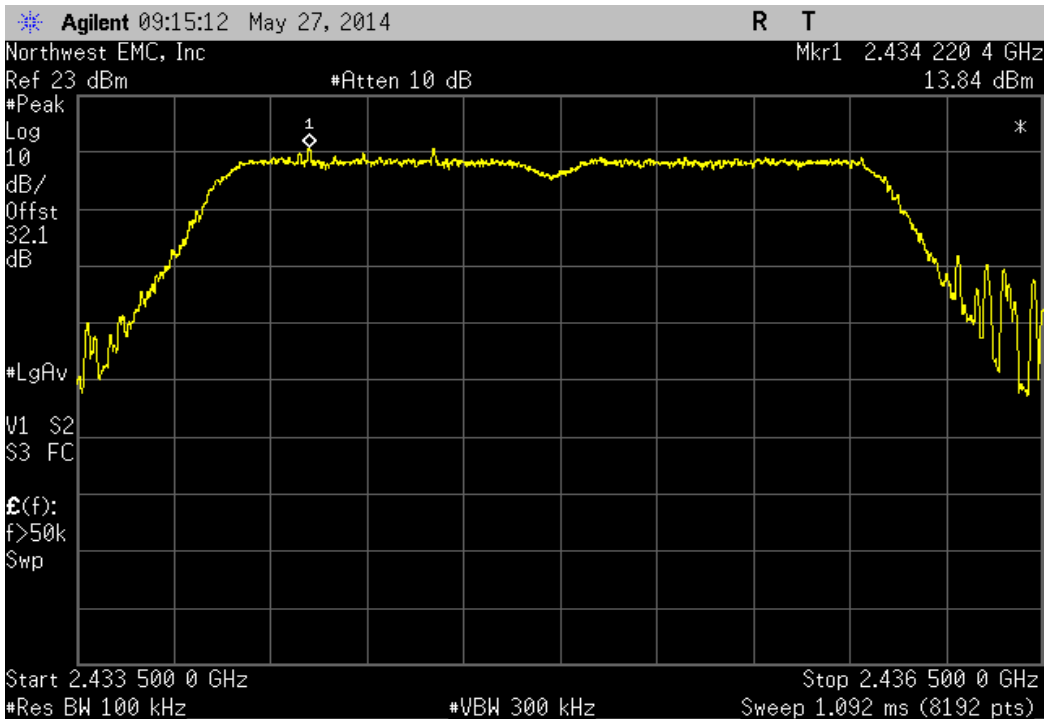
2400 MHz - 2483.5 MHz Band, 2.5MHz Bandwidth , 802.11(g) 6 Mbps, Low Channel 2403 MHz				
Frequency Range		Value	Limit	Result
30 MHz - 12.5 GHz		-58.25 dBc	≤ -20 dBc	Pass



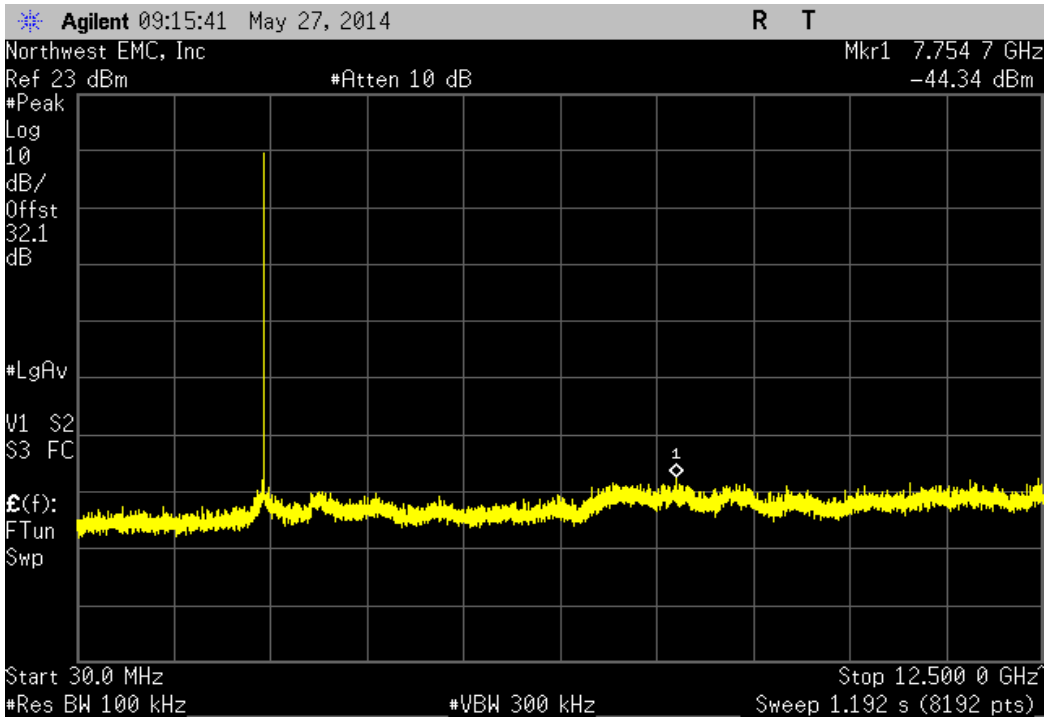
2400 MHz - 2483.5 MHz Band, 2.5MHz Bandwidth , 802.11(g) 6 Mbps, Low Channel 2403 MHz			
Frequency Range	Value	Limit	Result
12.5 GHz - 25 GHz	-51.91 dBc	≤ -20 dBc	Pass



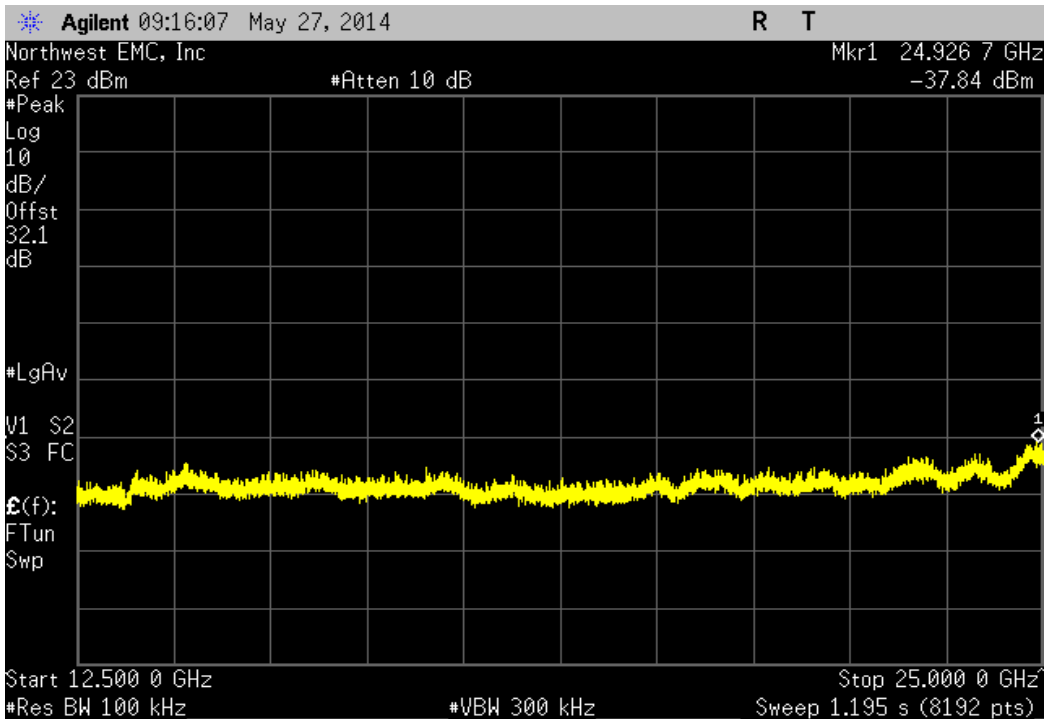
2400 MHz - 2483.5 MHz Band, 2.5MHz Bandwidth , 802.11(g) 6 Mbps, Mid Channel 2435 MHz			
Frequency Range	Value	Limit	Result
Fundamental	N/A	N/A	N/A



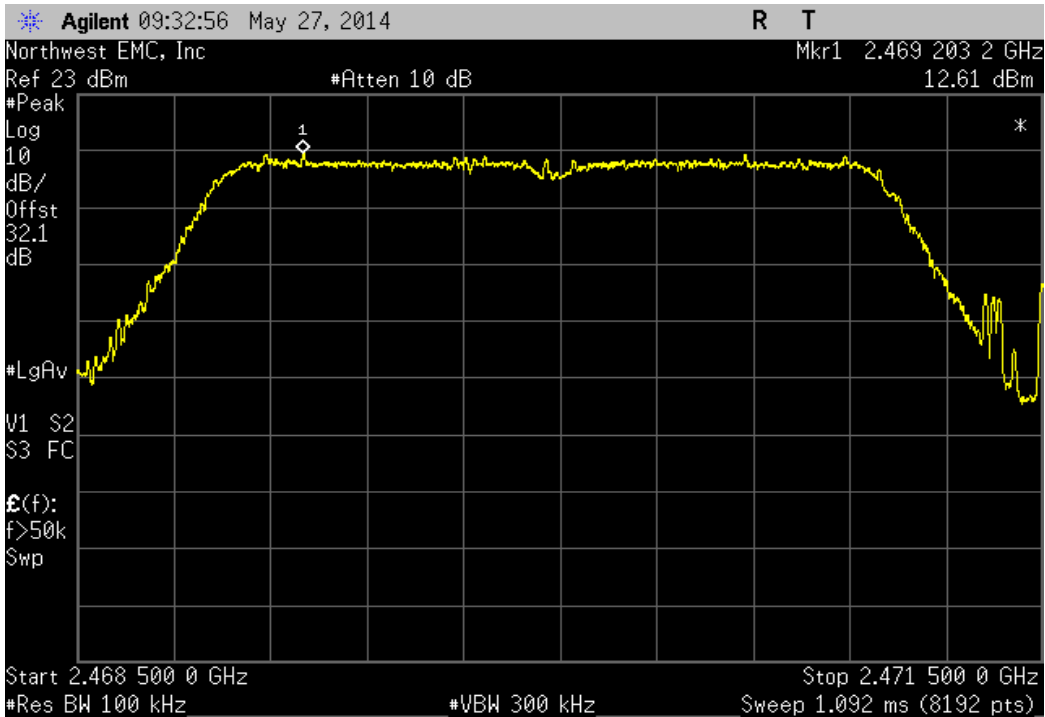
2400 MHz - 2483.5 MHz Band, 2.5MHz Bandwidth , 802.11(g) 6 Mbps, Mid Channel 2435 MHz			
Frequency Range	Value	Limit	Result
30 MHz - 12.5 GHz	-58.18 dBc	≤ -20 dBc	Pass



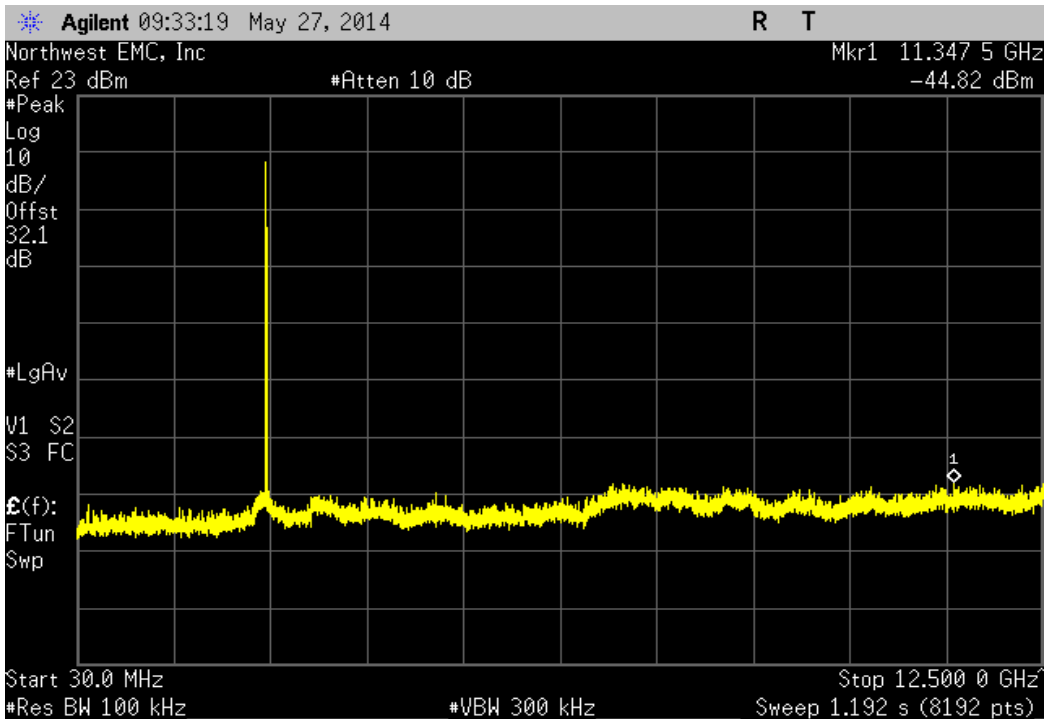
2400 MHz - 2483.5 MHz Band, 2.5MHz Bandwidth , 802.11(g) 6 Mbps, Mid Channel 2435 MHz			
Frequency Range	Value	Limit	Result
12.5 GHz - 25 GHz	-51.68 dBc	≤ -20 dBc	Pass



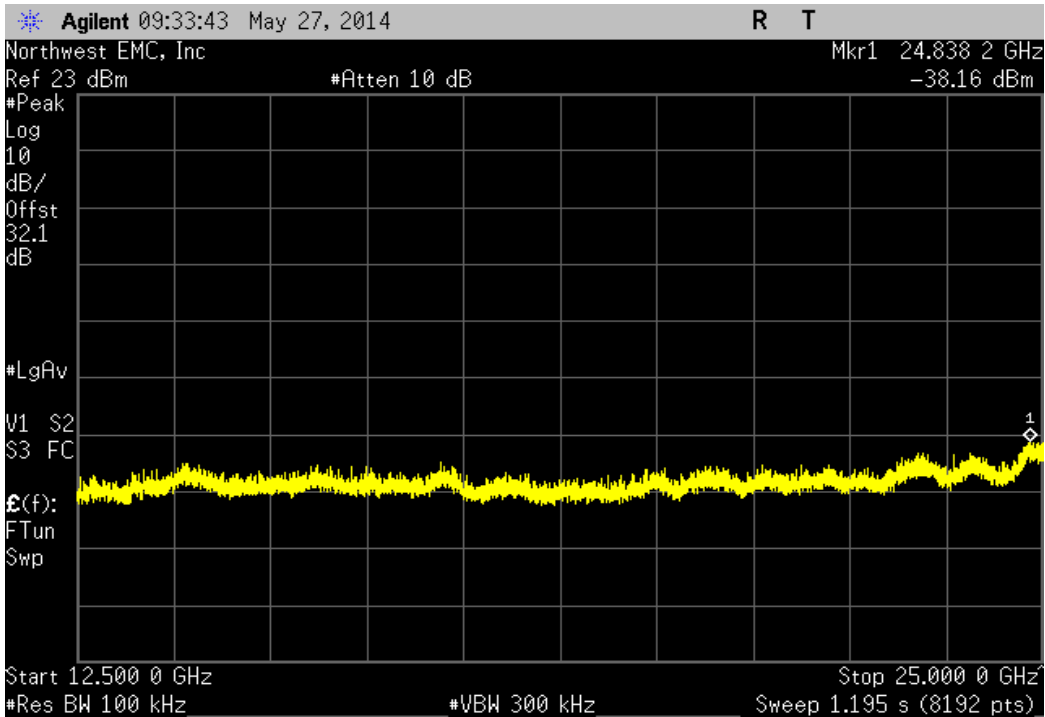
2400 MHz - 2483.5 MHz Band, 2.5MHz Bandwidth , 802.11(g) 6 Mbps, High Channel 2470 MHz				
Frequency Range		Value	Limit	Result
Fundamental		N/A	N/A	N/A



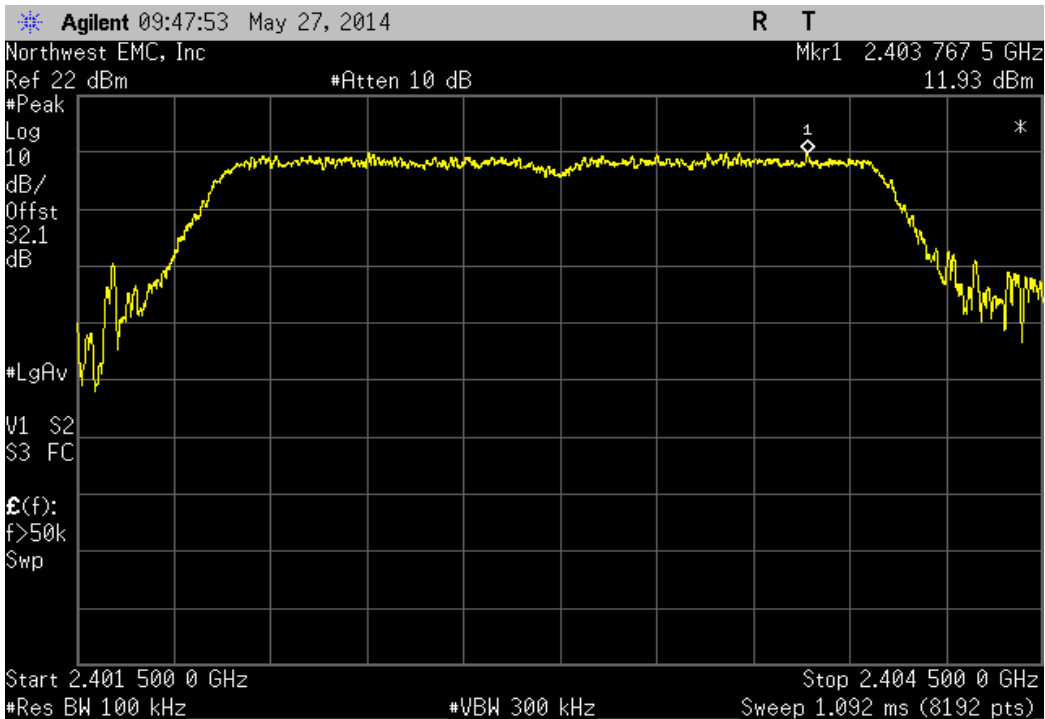
2400 MHz - 2483.5 MHz Band, 2.5MHz Bandwidth , 802.11(g) 6 Mbps, High Channel 2470 MHz				
Frequency Range		Value	Limit	Result
30 MHz - 12.5 GHz		-57.43 dBc	≤ -20 dBc	Pass



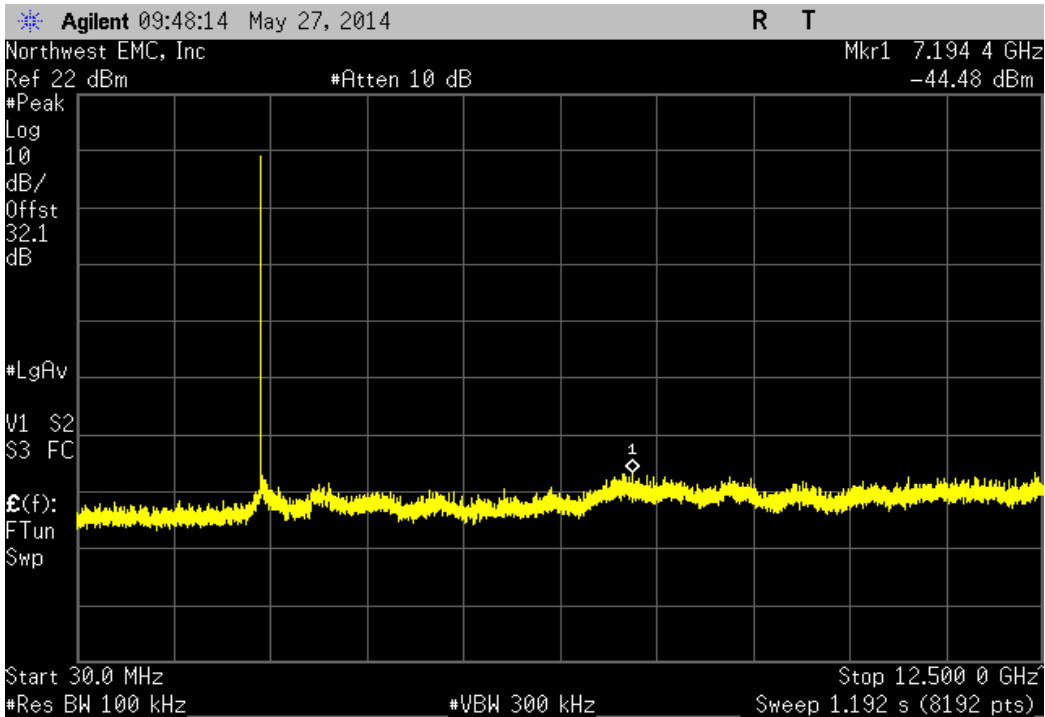
2400 MHz - 2483.5 MHz Band, 2.5MHz Bandwidth , 802.11(g) 6 Mbps, High Channel 2470 MHz			
Frequency Range	Value	Limit	Result
12.5 GHz - 25 GHz	-50.77 dBc	≤ -20 dBc	Pass



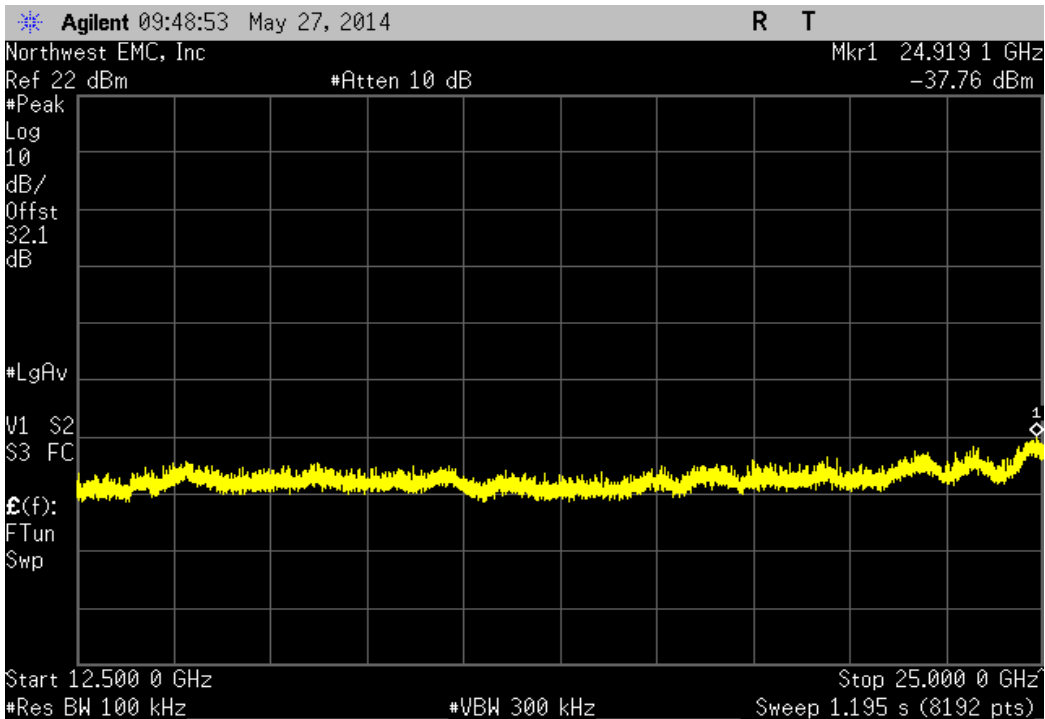
2400 MHz - 2483.5 MHz Band, 2.5MHz Bandwidth , 802.11(g) 36 Mbps, Low Channel 2403 MHz			
Frequency Range	Value	Limit	Result
Fundamental	N/A	N/A	N/A



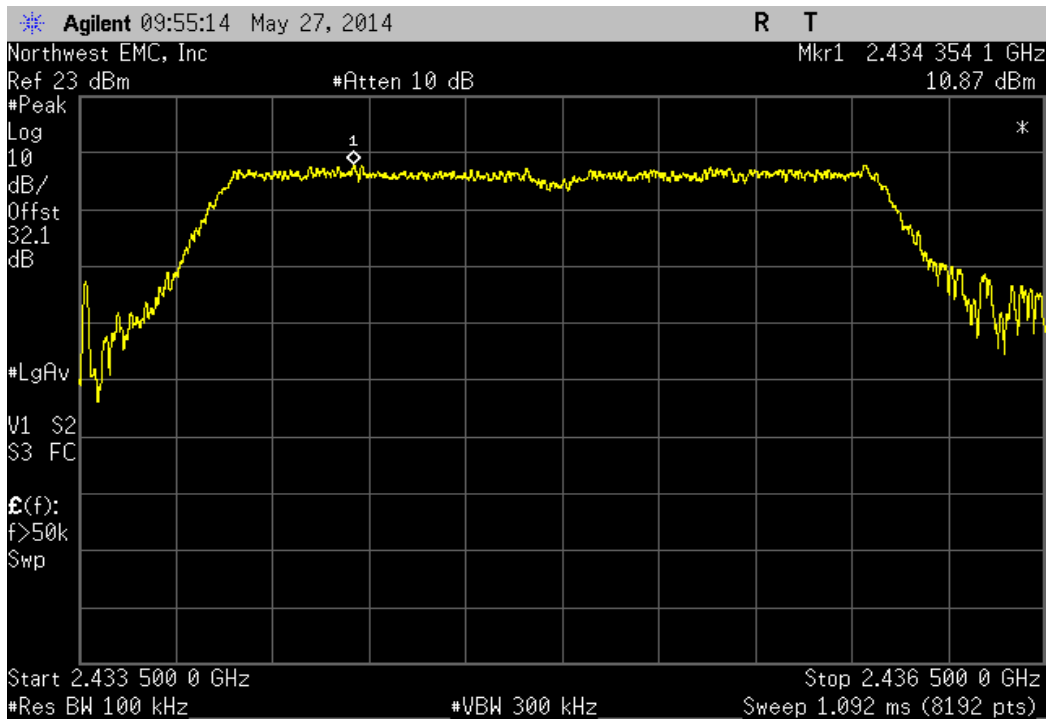
2400 MHz - 2483.5 MHz Band, 2.5MHz Bandwidth , 802.11(g) 36 Mbps, Low Channel 2403 MHz			
Frequency Range	Value	Limit	Result
30 MHz - 12.5 GHz	-56.41 dBc	≤ -20 dBc	Pass



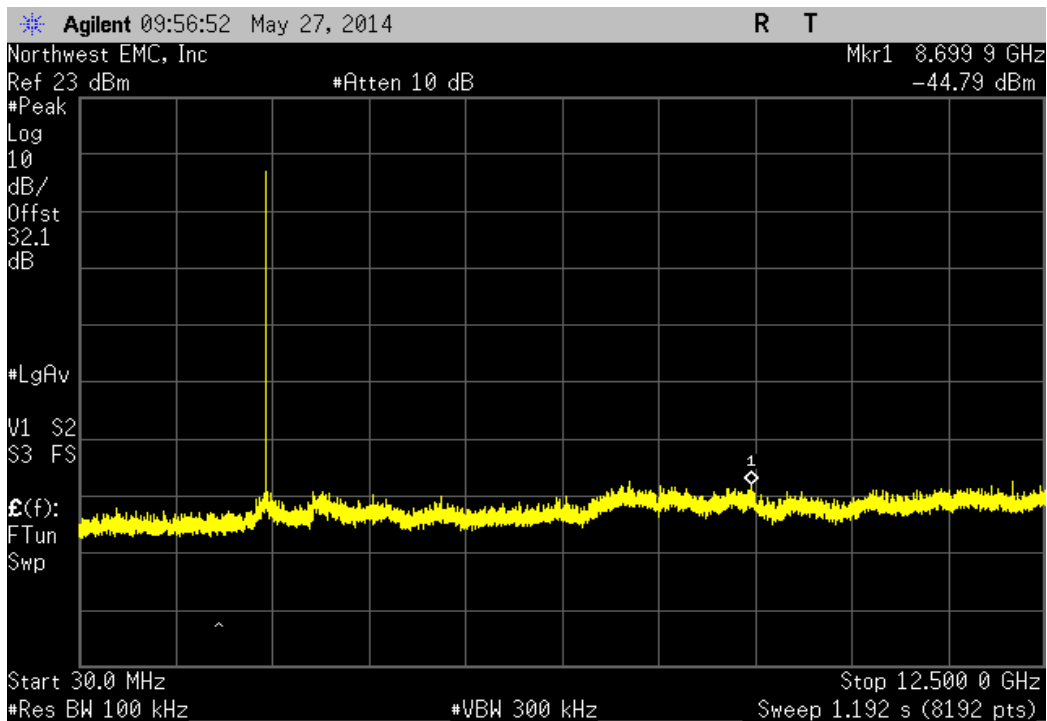
2400 MHz - 2483.5 MHz Band, 2.5MHz Bandwidth , 802.11(g) 36 Mbps, Low Channel 2403 MHz			
Frequency Range	Value	Limit	Result
12.5 GHz - 25 GHz	-49.69 dBc	≤ -20 dBc	Pass



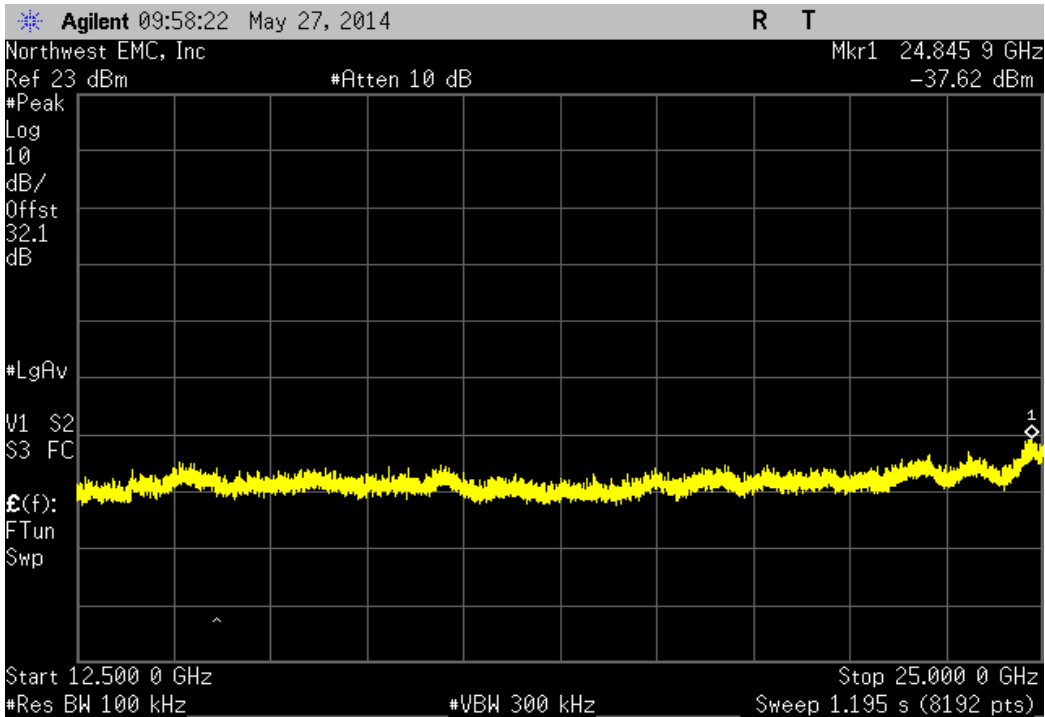
2400 MHz - 2483.5 MHz Band, 2.5MHz Bandwidth , 802.11(g) 36 Mbps, Mid Channel 2435 MHz				
Frequency Range		Value	Limit	Result
Fundamental		N/A	N/A	N/A



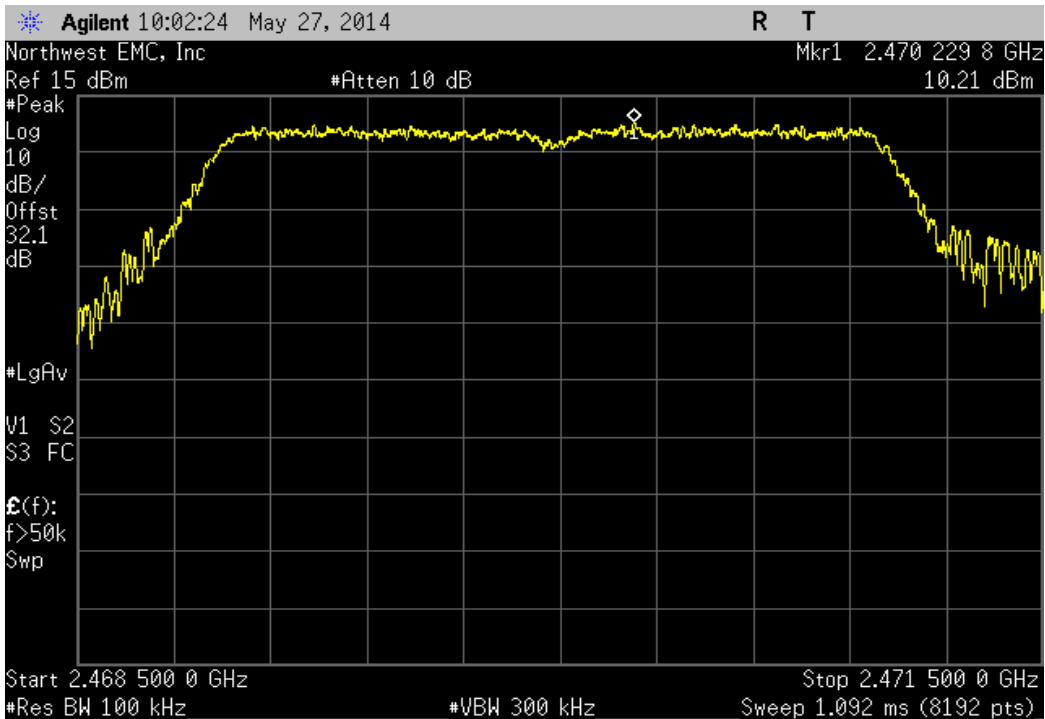
2400 MHz - 2483.5 MHz Band, 2.5MHz Bandwidth , 802.11(g) 36 Mbps, Mid Channel 2435 MHz				
Frequency Range		Value	Limit	Result
30 MHz - 12.5 GHz		-55.66 dBc	≤ -20 dBc	Pass



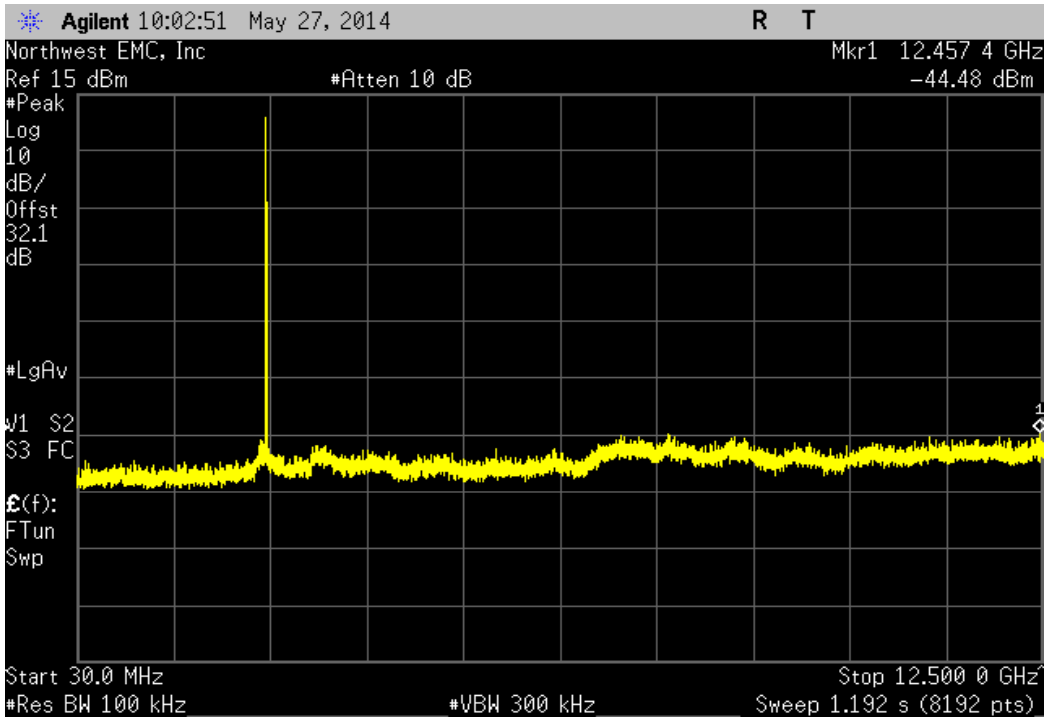
2400 MHz - 2483.5 MHz Band, 2.5MHz Bandwidth , 802.11(g) 36 Mbps, Mid Channel 2435 MHz			
Frequency Range	Value	Limit	Result
12.5 GHz - 25 GHz	-48.5 dBc	≤ -20 dBc	Pass



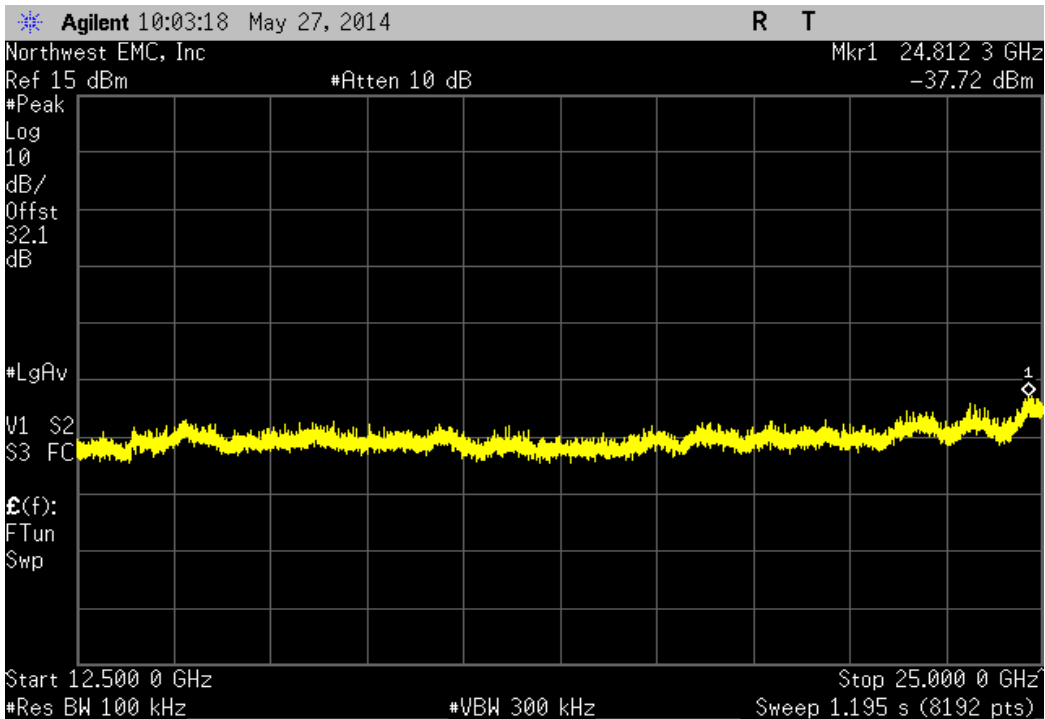
2400 MHz - 2483.5 MHz Band, 2.5MHz Bandwidth , 802.11(g) 36 Mbps, High Channel 2470 MHz			
Frequency Range	Value	Limit	Result
Fundamental	N/A	N/A	N/A



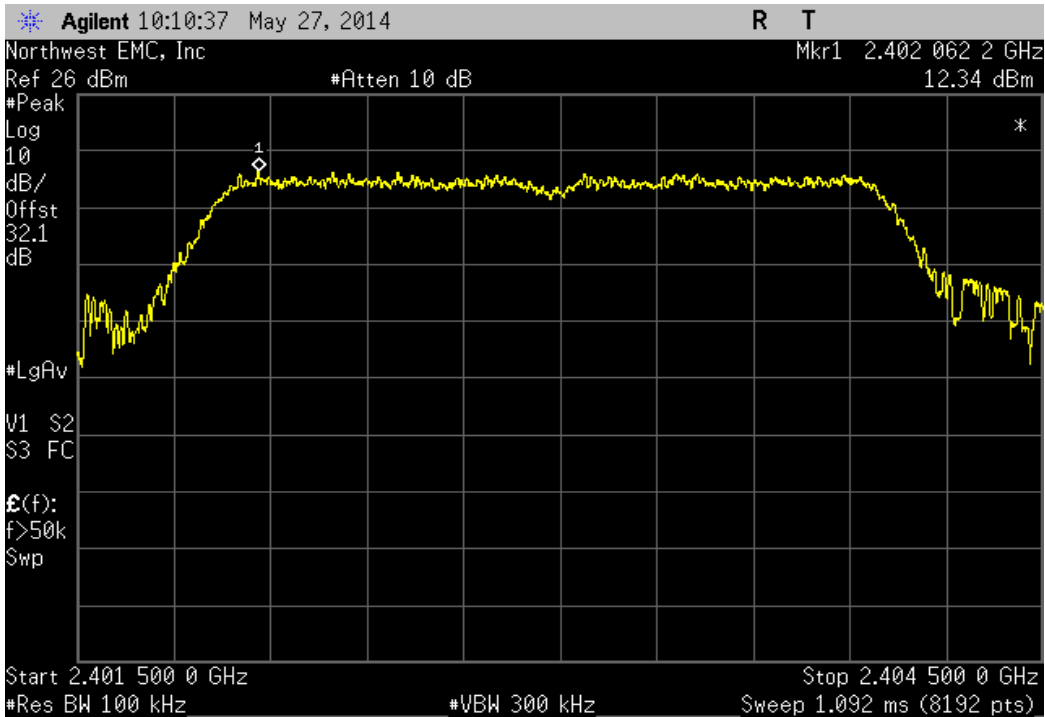
2400 MHz - 2483.5 MHz Band, 2.5MHz Bandwidth , 802.11(g) 36 Mbps, High Channel 2470 MHz			
Frequency Range	Value	Limit	Result
30 MHz - 12.5 GHz	-54.69 dBc	≤ -20 dBc	Pass



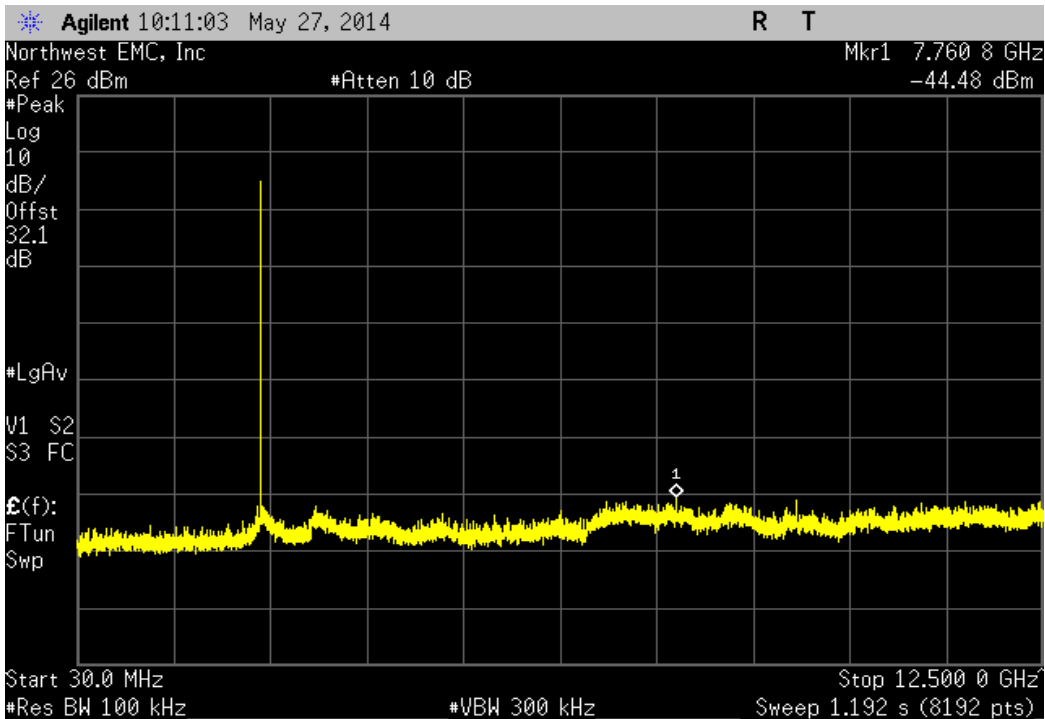
2400 MHz - 2483.5 MHz Band, 2.5MHz Bandwidth , 802.11(g) 36 Mbps, High Channel 2470 MHz			
Frequency Range	Value	Limit	Result
12.5 GHz - 25 GHz	-47.93 dBc	≤ -20 dBc	Pass



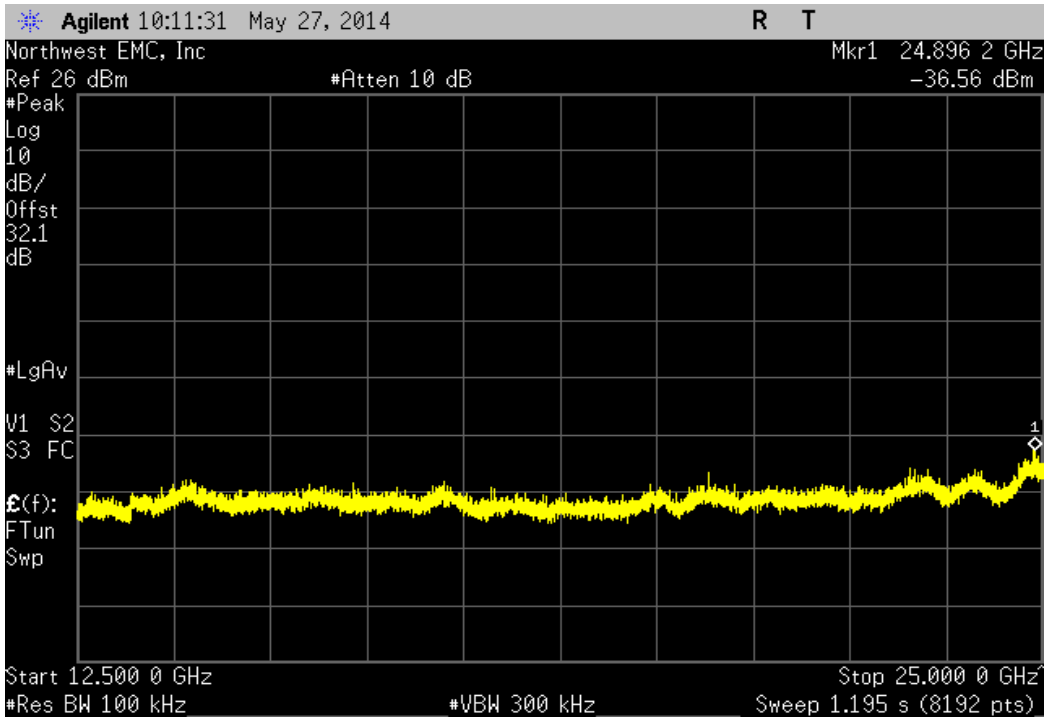
2400 MHz - 2483.5 MHz Band, 2.5MHz Bandwidth , 802.11(g) 54 Mbps, Low Channel 2403 MHz				
Frequency Range		Value	Limit	Result
Fundamental		N/A	N/A	N/A



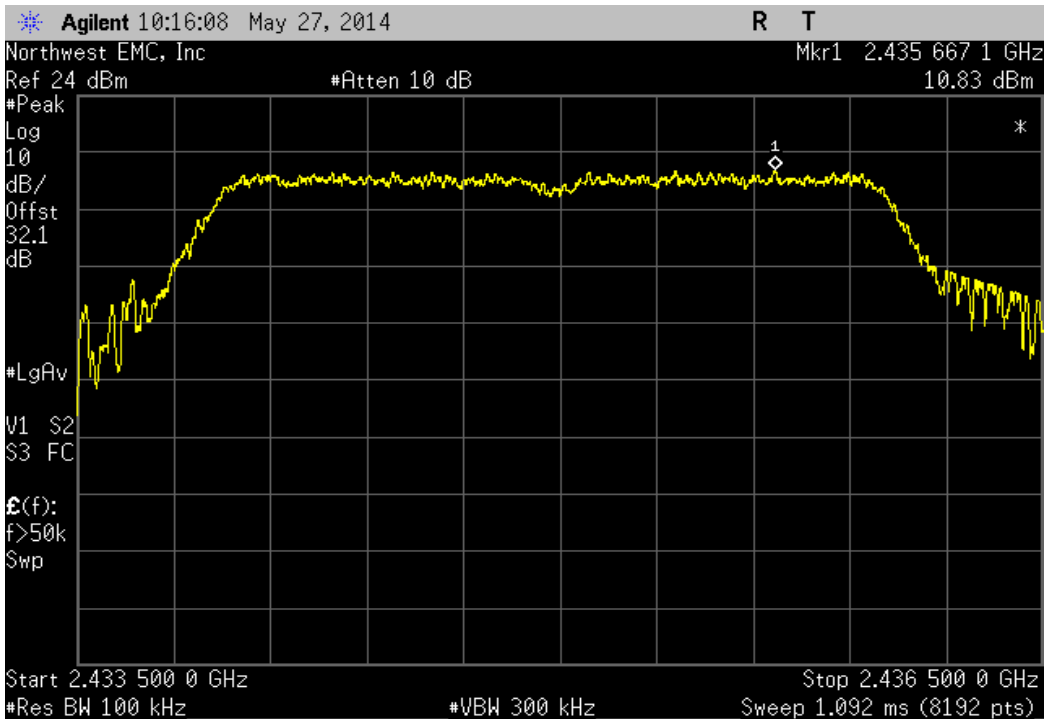
2400 MHz - 2483.5 MHz Band, 2.5MHz Bandwidth , 802.11(g) 54 Mbps, Low Channel 2403 MHz				
Frequency Range		Value	Limit	Result
30 MHz - 12.5 GHz		-56.82 dBc	≤ -20 dBc	Pass



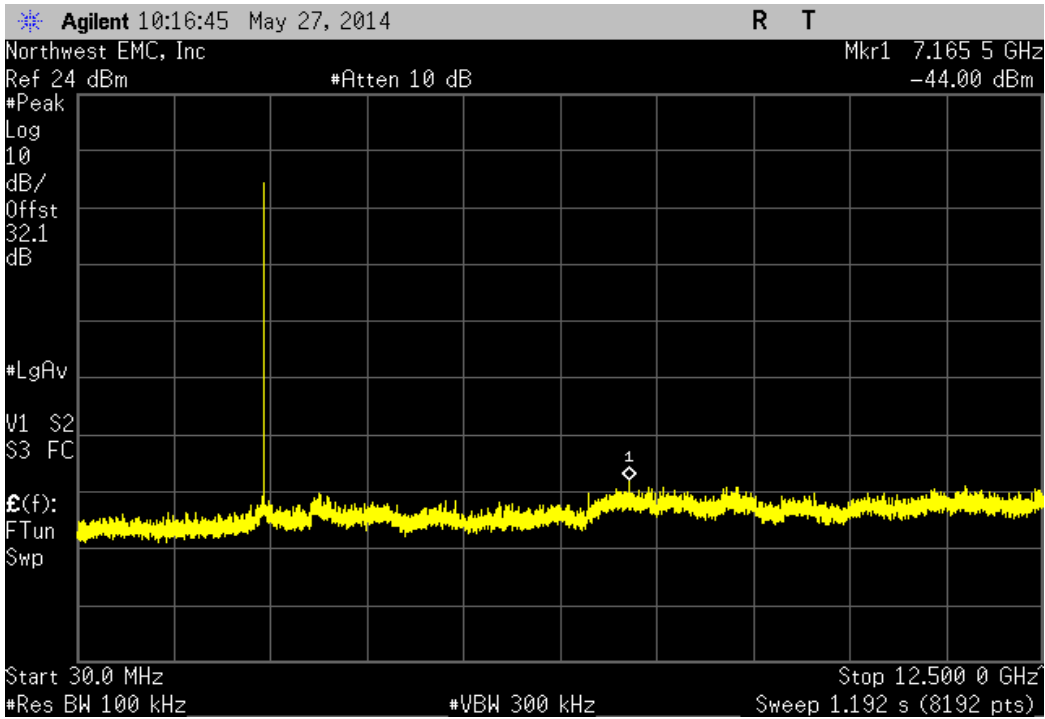
2400 MHz - 2483.5 MHz Band, 2.5MHz Bandwidth , 802.11(g) 54 Mbps, Low Channel 2403 MHz			
Frequency Range	Value	Limit	Result
12.5 GHz - 25 GHz	-48.9 dBc	≤ -20 dBc	Pass



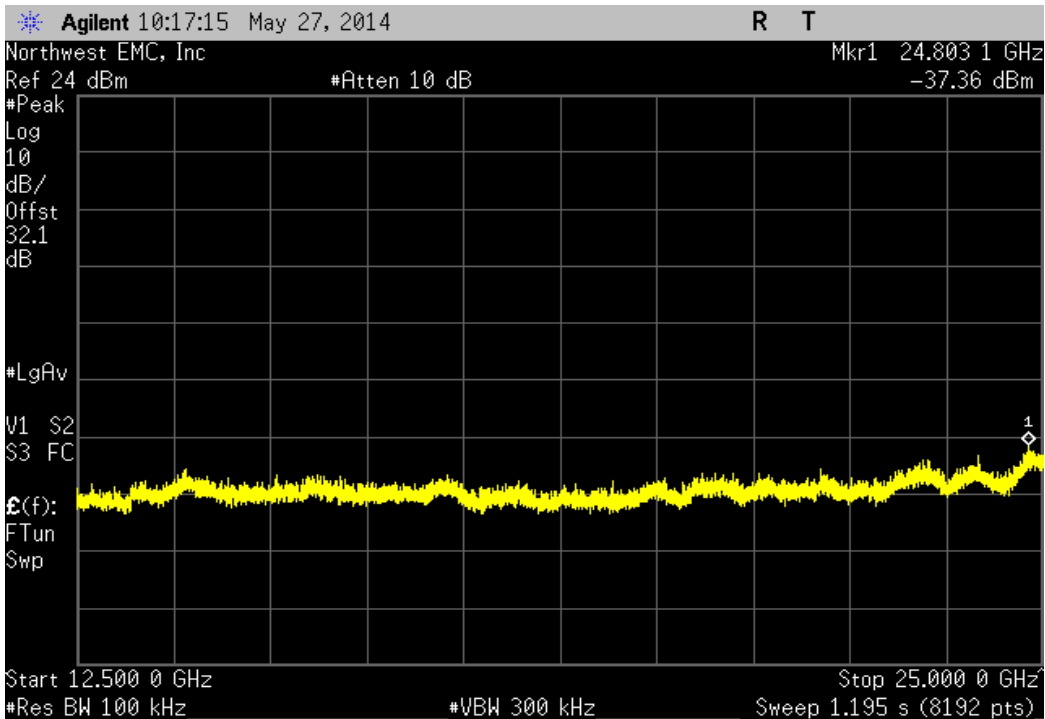
2400 MHz - 2483.5 MHz Band, 2.5MHz Bandwidth , 802.11(g) 54 Mbps, Mid Channel 2435 MHz			
Frequency Range	Value	Limit	Result
Fundamental	N/A	N/A	N/A



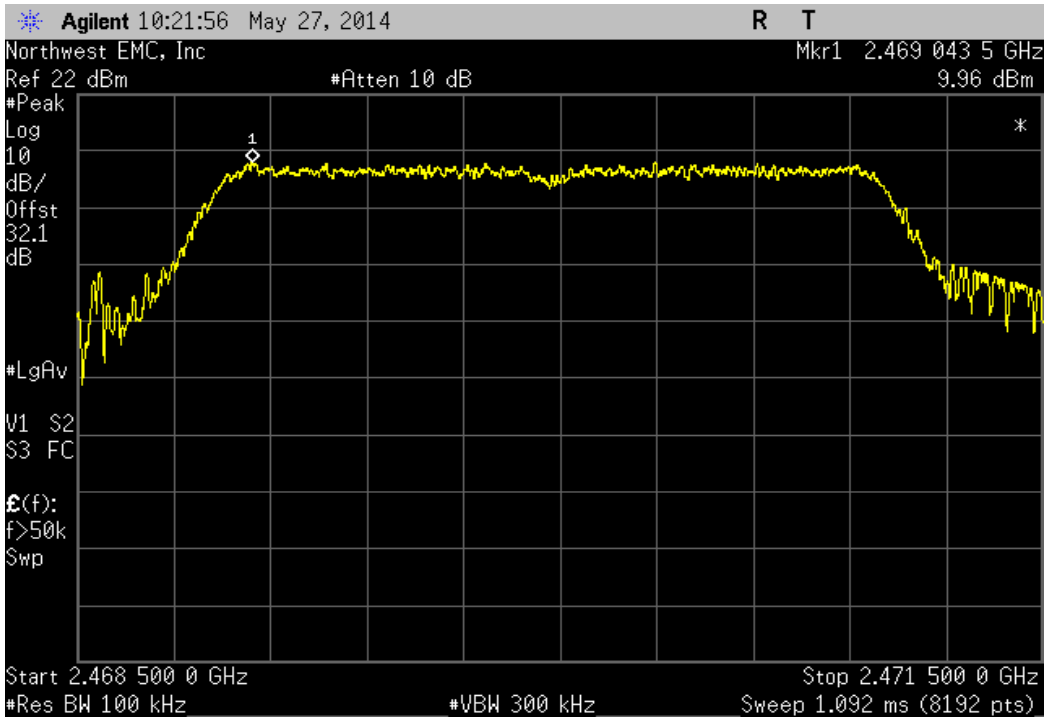
2400 MHz - 2483.5 MHz Band, 2.5MHz Bandwidth , 802.11(g) 54 Mbps, Mid Channel 2435 MHz			
Frequency Range	Value	Limit	Result
30 MHz - 12.5 GHz	-54.83 dBc	≤ -20 dBc	Pass



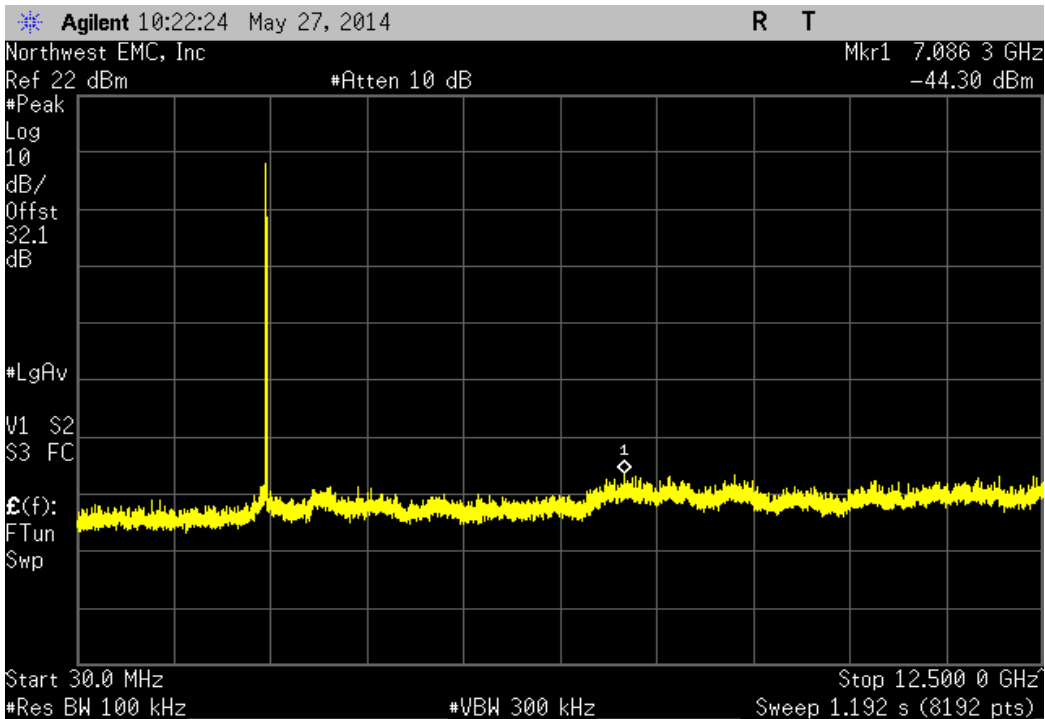
2400 MHz - 2483.5 MHz Band, 2.5MHz Bandwidth , 802.11(g) 54 Mbps, Mid Channel 2435 MHz			
Frequency Range	Value	Limit	Result
12.5 GHz - 25 GHz	-48.19 dBc	≤ -20 dBc	Pass



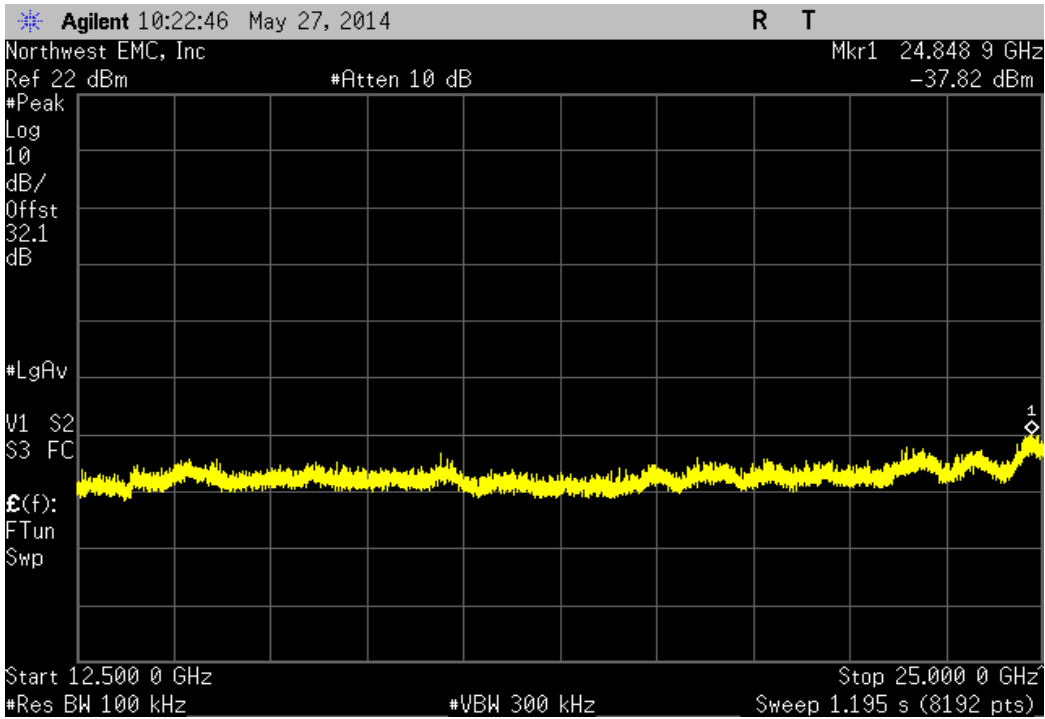
2400 MHz - 2483.5 MHz Band, 2.5MHz Bandwidth , 802.11(g) 54 Mbps, High Channel 2470 MHz				
Frequency Range		Value	Limit	Result
Fundamental		N/A	N/A	N/A



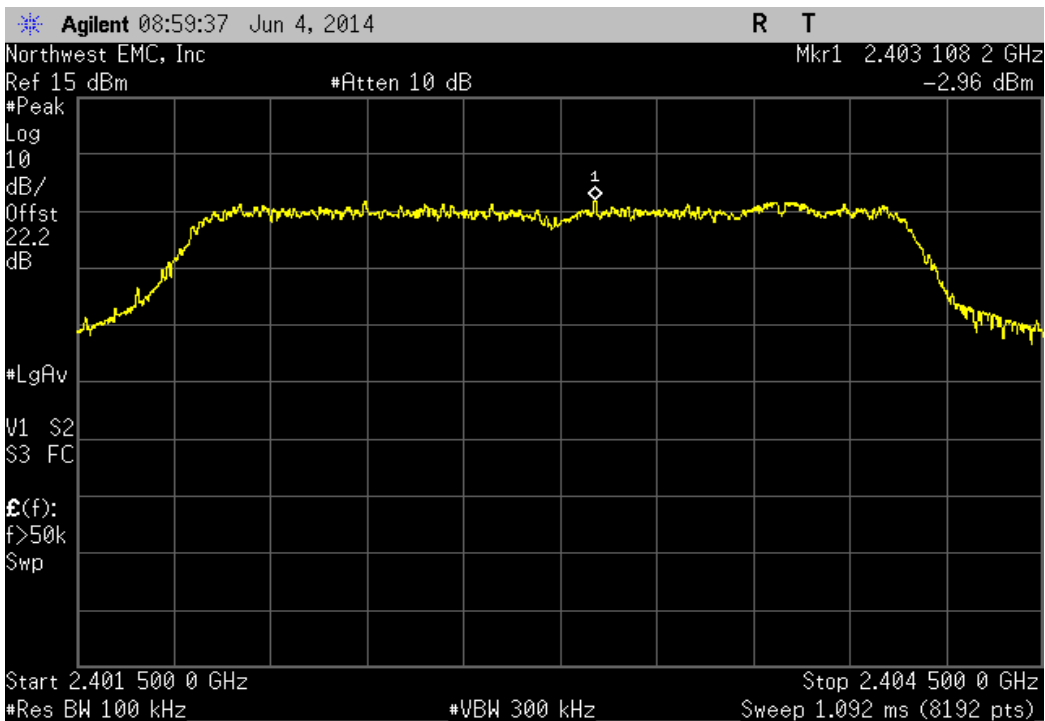
2400 MHz - 2483.5 MHz Band, 2.5MHz Bandwidth , 802.11(g) 54 Mbps, High Channel 2470 MHz				
Frequency Range		Value	Limit	Result
30 MHz - 12.5 GHz		-54.26 dBc	≤ -20 dBc	Pass



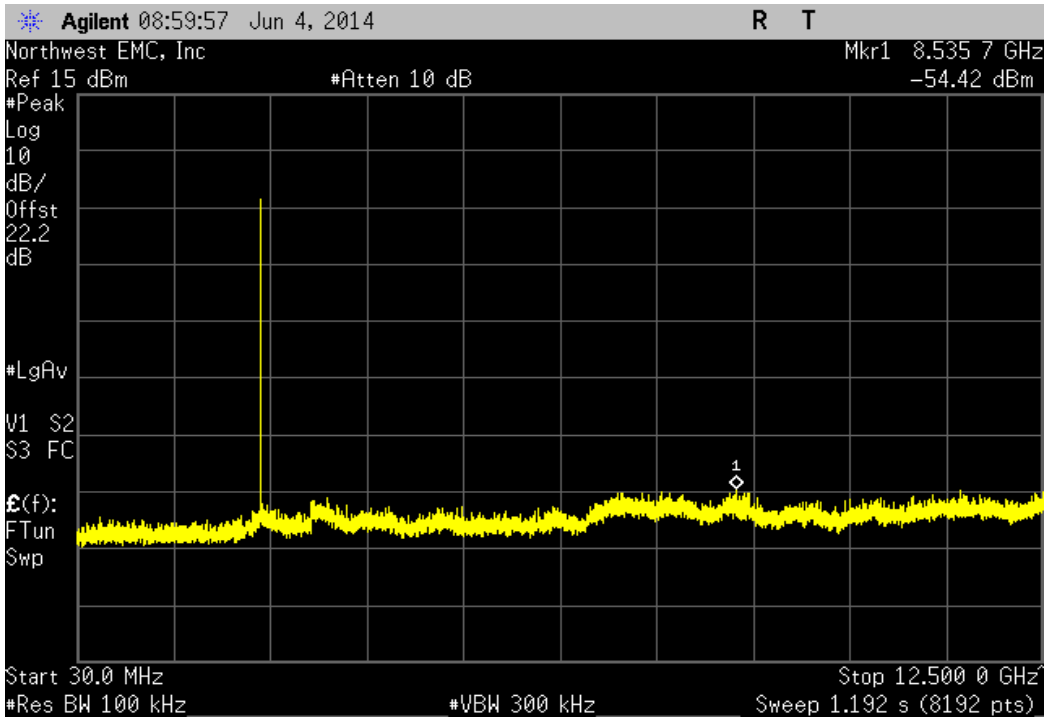
2400 MHz - 2483.5 MHz Band, 2.5MHz Bandwidth , 802.11(g) 54 Mbps, High Channel 2470 MHz			
Frequency Range	Value	Limit	Result
12.5 GHz - 25 GHz	-47.78 dBc	≤ -20 dBc	Pass



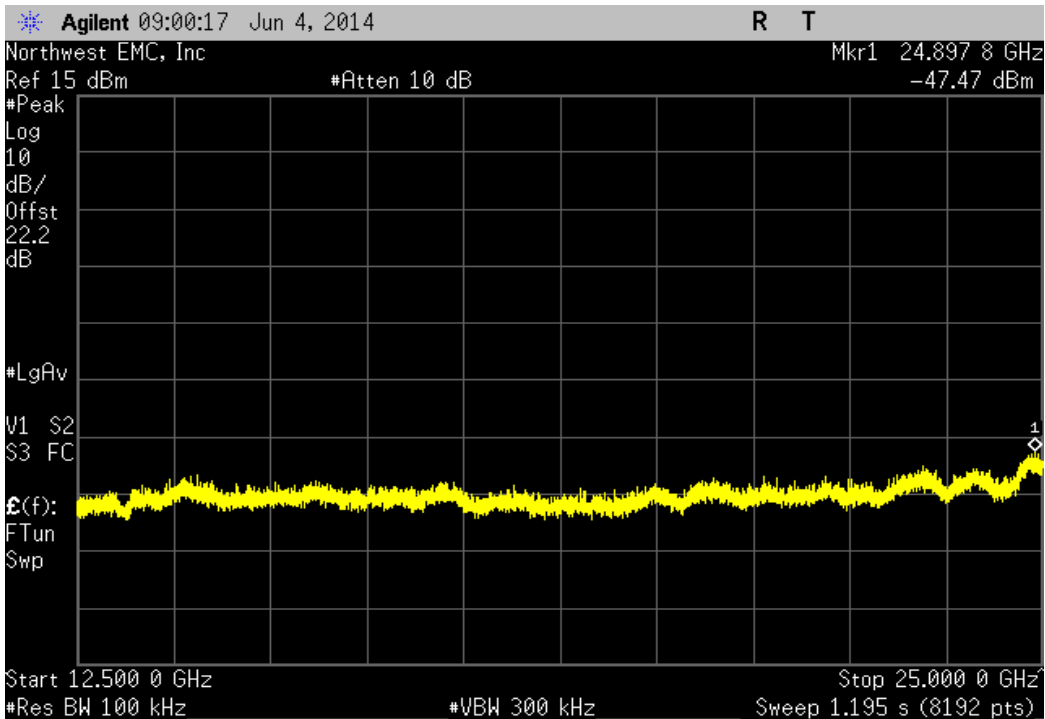
2400 MHz - 2483.5 MHz Band, 2.5MHz Bandwidth , 802.11(n) MCS0, Low Channel 2403 MHz			
Frequency Range	Value	Limit	Result
Fundamental	N/A	N/A	N/A



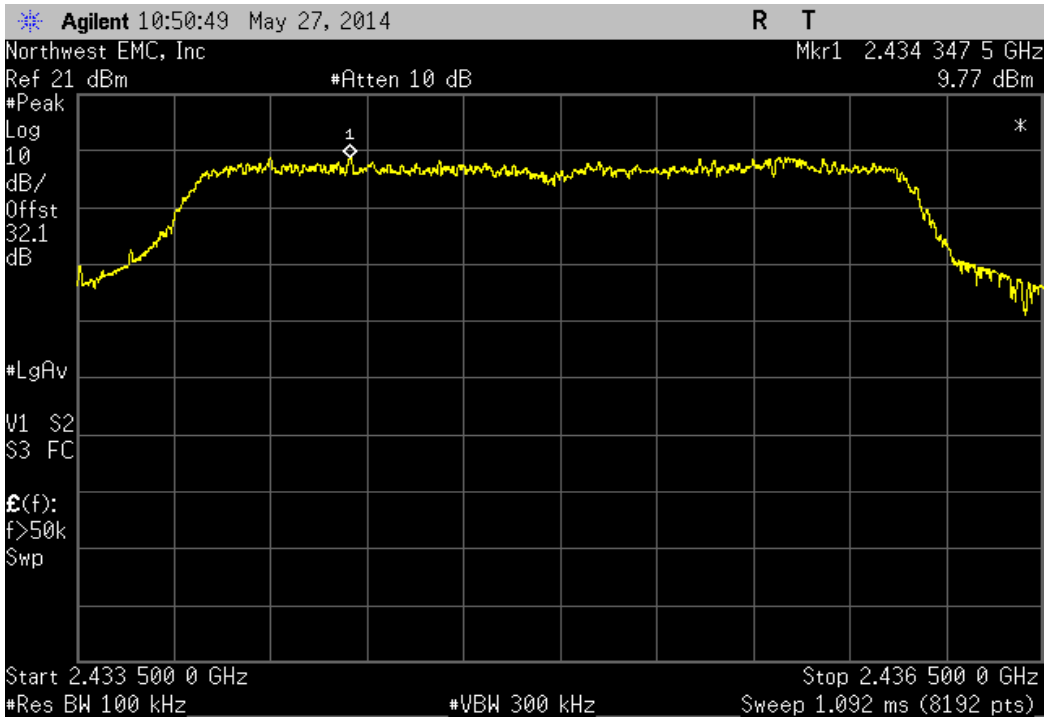
2400 MHz - 2483.5 MHz Band, 2.5MHz Bandwidth , 802.11(n) MCS0, Low Channel 2403 MHz			
Frequency Range	Value	Limit	Result
30 MHz - 12.5 GHz	-51.45 dBc	≤ -20 dBc	Pass



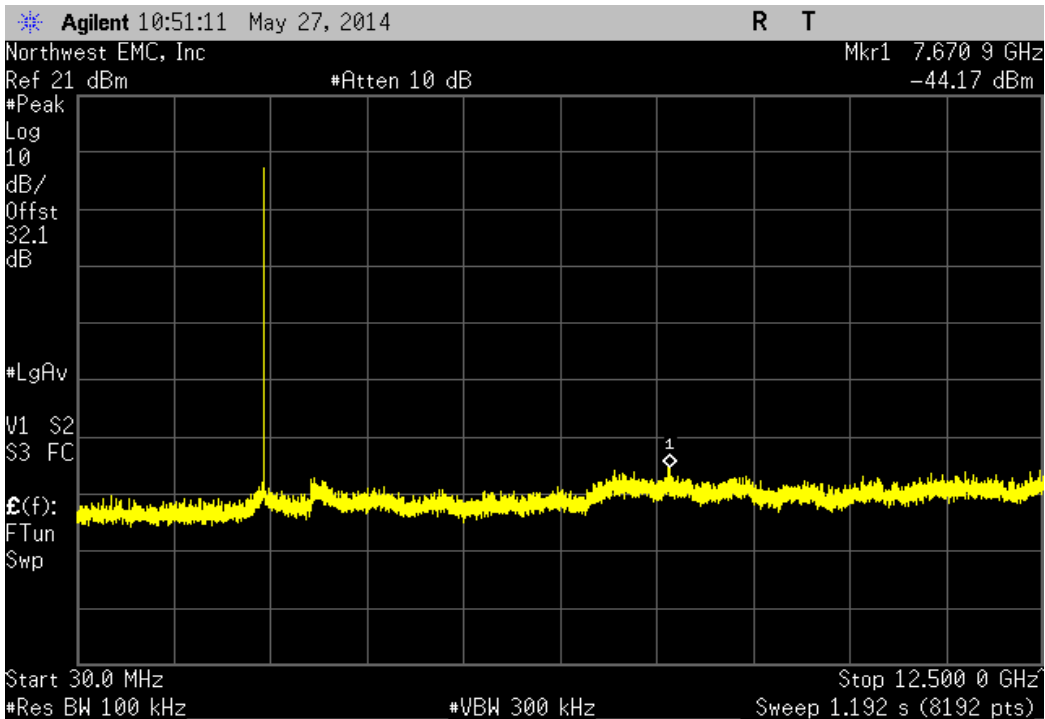
2400 MHz - 2483.5 MHz Band, 2.5MHz Bandwidth , 802.11(n) MCS0, Low Channel 2403 MHz			
Frequency Range	Value	Limit	Result
12.5 GHz - 25 GHz	-44.5 dBc	≤ -20 dBc	Pass



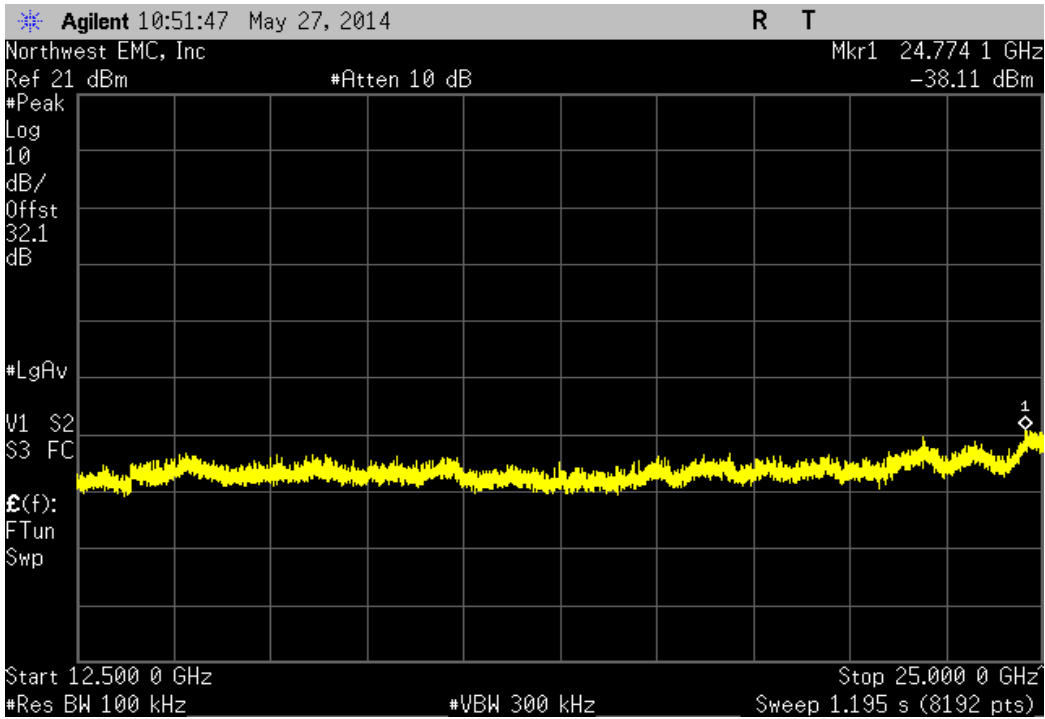
2400 MHz - 2483.5 MHz Band, 2.5MHz Bandwidth , 802.11(n) MCS0, Mid Channel 2435 MHz				
Frequency Range		Value	Limit	Result
Fundamental		N/A	N/A	N/A



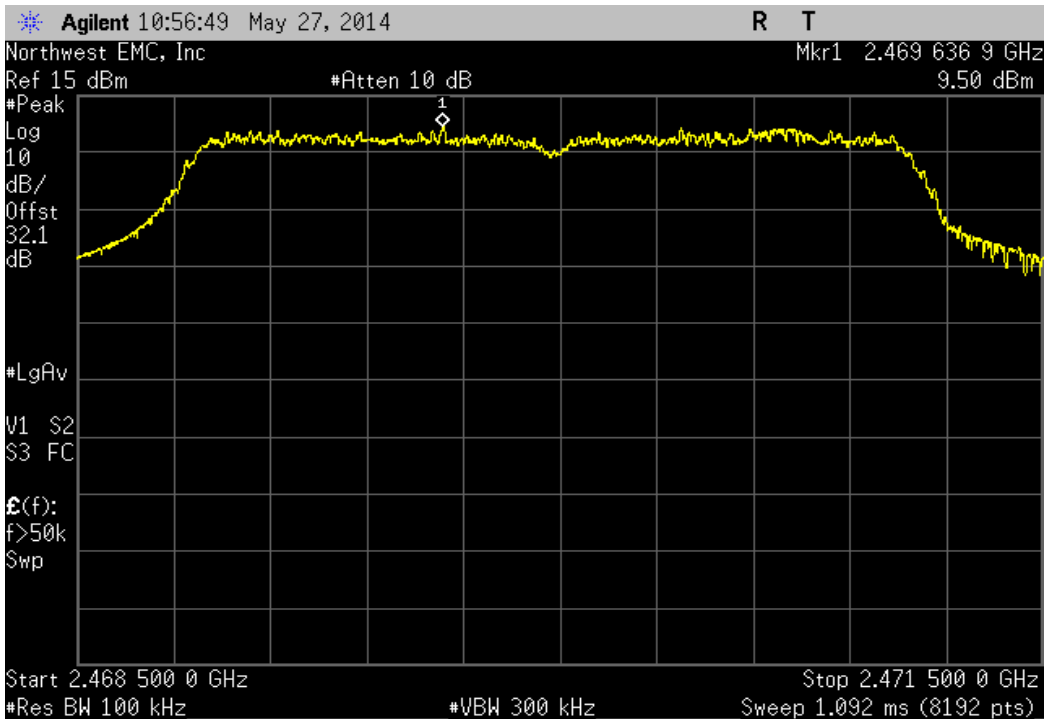
2400 MHz - 2483.5 MHz Band, 2.5MHz Bandwidth , 802.11(n) MCS0, Mid Channel 2435 MHz				
Frequency Range		Value	Limit	Result
30 MHz - 12.5 GHz		-53.94 dBc	≤ -20 dBc	Pass



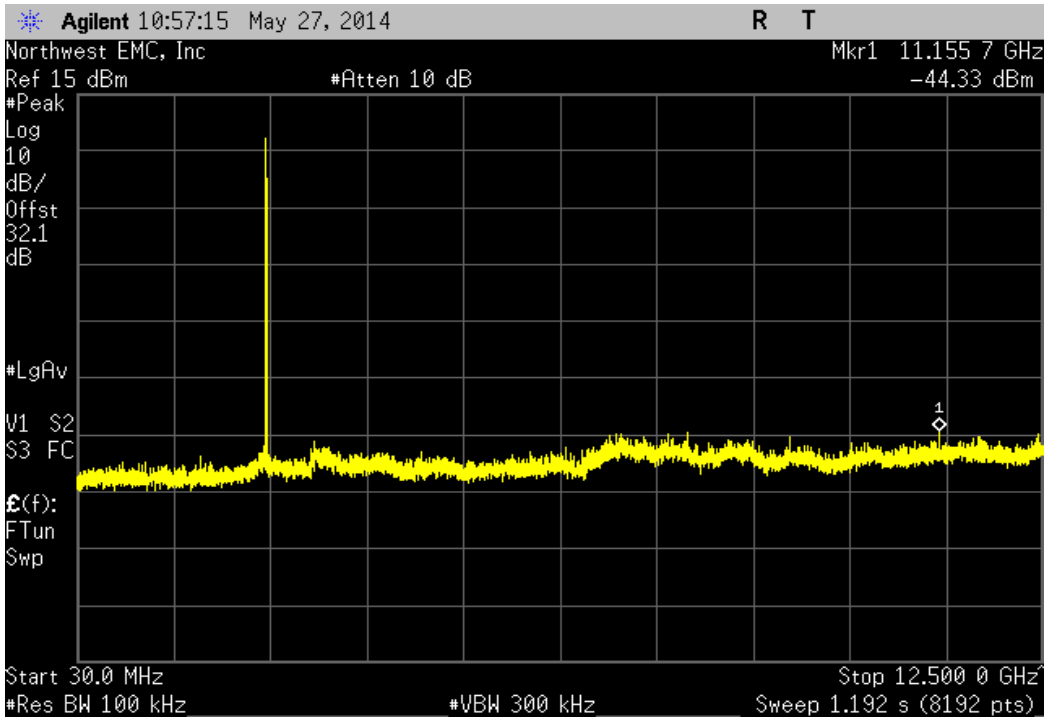
2400 MHz - 2483.5 MHz Band, 2.5MHz Bandwidth , 802.11(n) MCS0, Mid Channel 2435 MHz			
Frequency Range	Value	Limit	Result
12.5 GHz - 25 GHz	-47.88 dBc	≤ -20 dBc	Pass



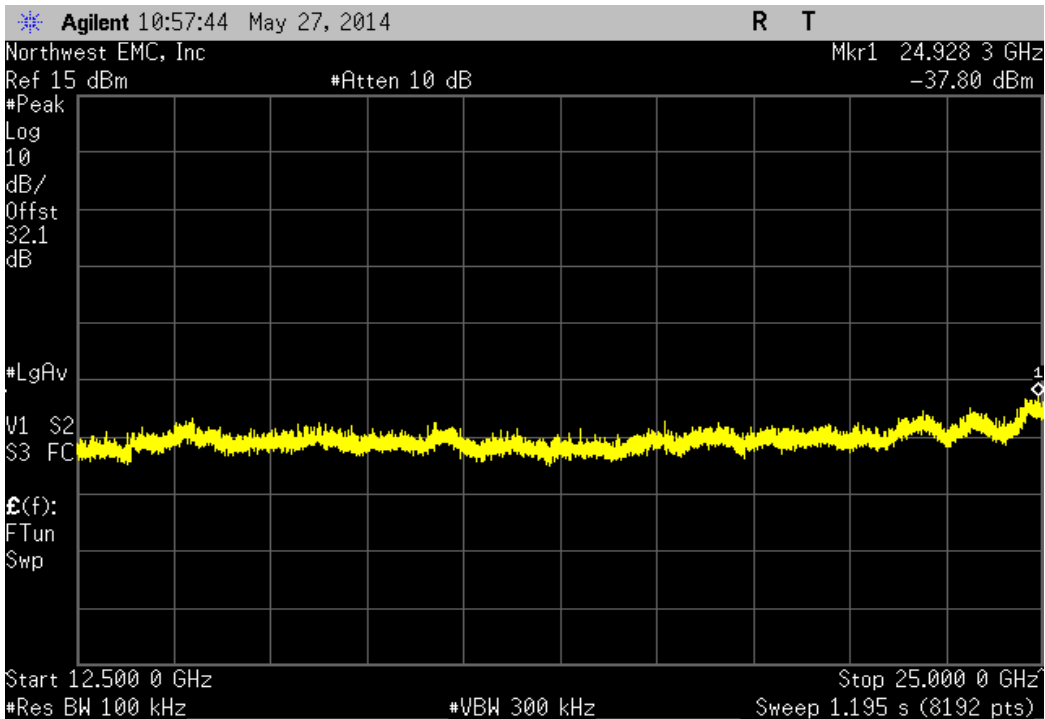
2400 MHz - 2483.5 MHz Band, 2.5MHz Bandwidth , 802.11(n) MCS0, High Channel 2470 MHz			
Frequency Range	Value	Limit	Result
Fundamental	N/A	N/A	N/A



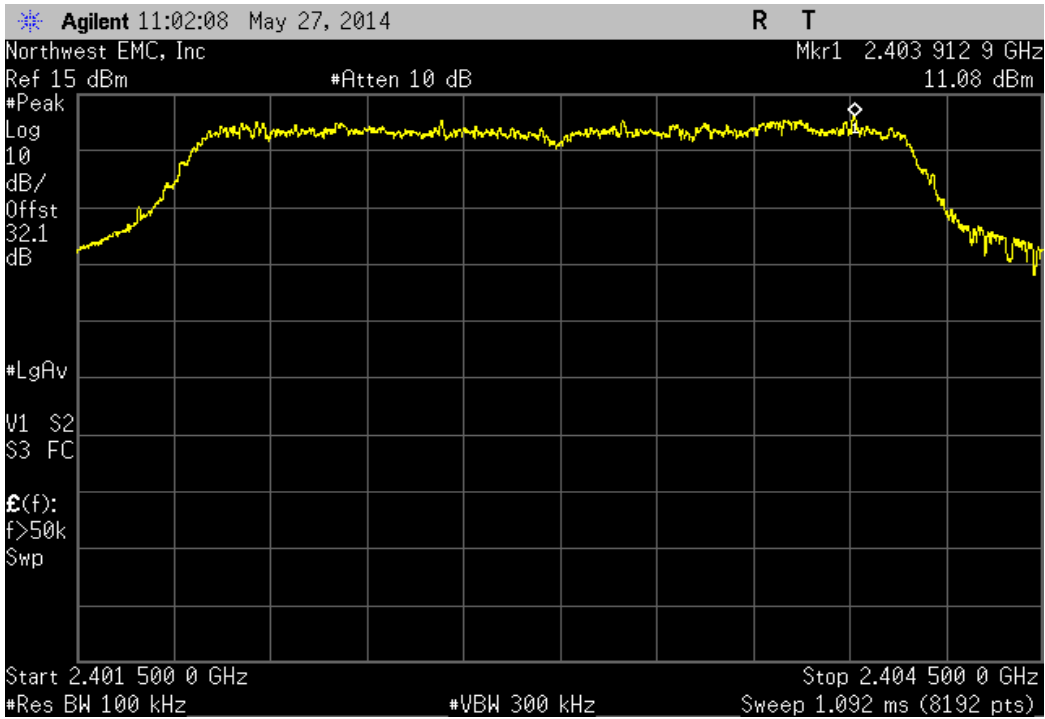
2400 MHz - 2483.5 MHz Band, 2.5MHz Bandwidth , 802.11(n) MCS0, High Channel 2470 MHz			
Frequency Range	Value	Limit	Result
30 MHz - 12.5 GHz	-53.83 dBc	≤ -20 dBc	Pass



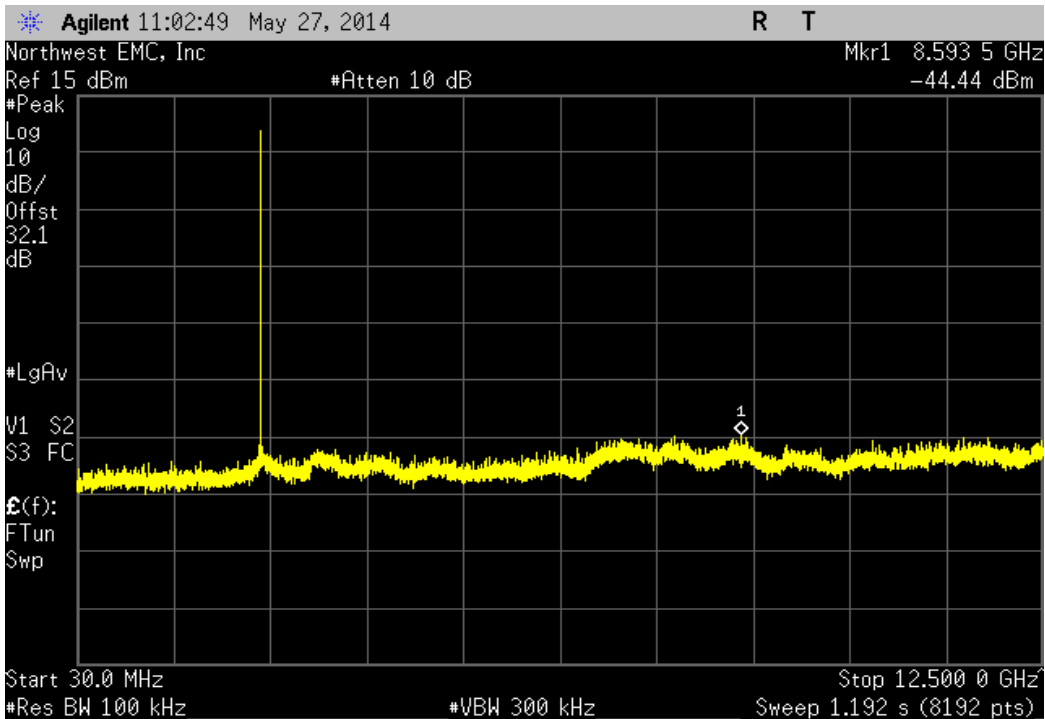
2400 MHz - 2483.5 MHz Band, 2.5MHz Bandwidth , 802.11(n) MCS0, High Channel 2470 MHz			
Frequency Range	Value	Limit	Result
12.5 GHz - 25 GHz	-47.3 dBc	≤ -20 dBc	Pass



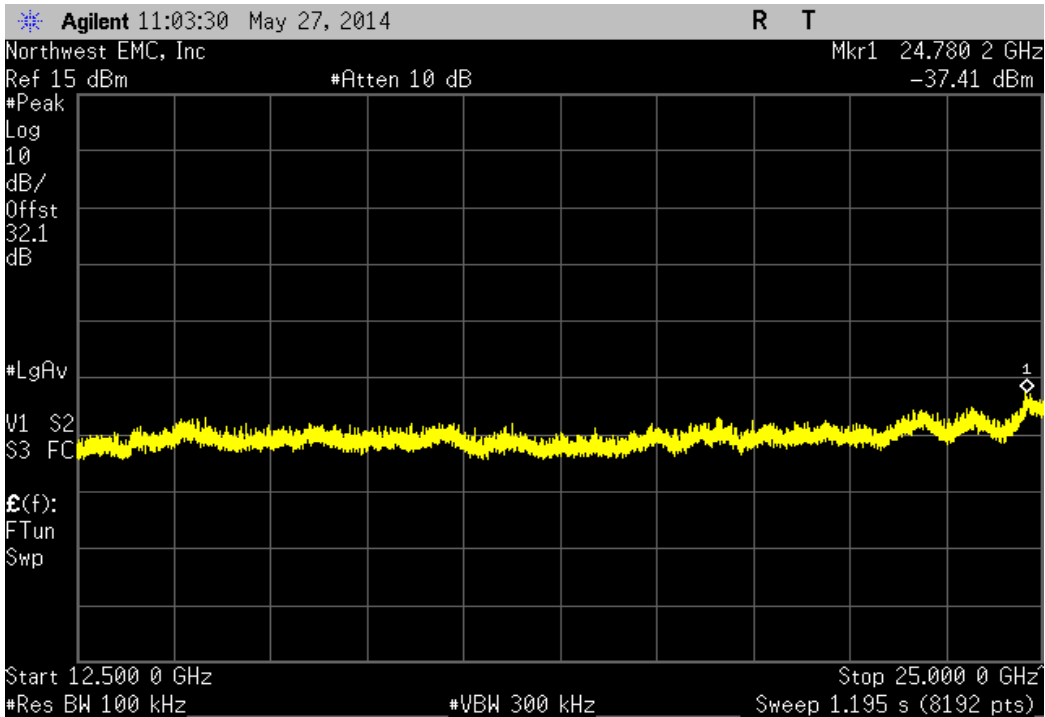
2400 MHz - 2483.5 MHz Band, 2.5MHz Bandwidth , 802.11(n) MCS7, Low Channel 2403 MHz				
Frequency Range		Value	Limit	Result
Fundamental		N/A	N/A	N/A



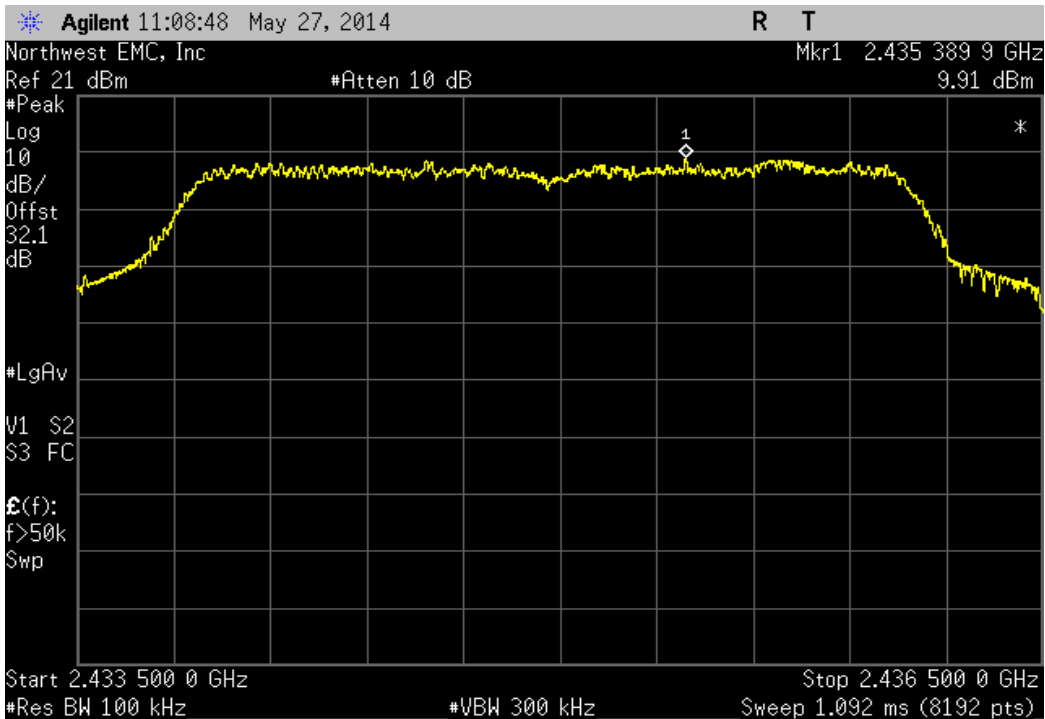
2400 MHz - 2483.5 MHz Band, 2.5MHz Bandwidth , 802.11(n) MCS7, Low Channel 2403 MHz				
Frequency Range		Value	Limit	Result
30 MHz - 12.5 GHz		-55.52 dBc	≤ -20 dBc	Pass



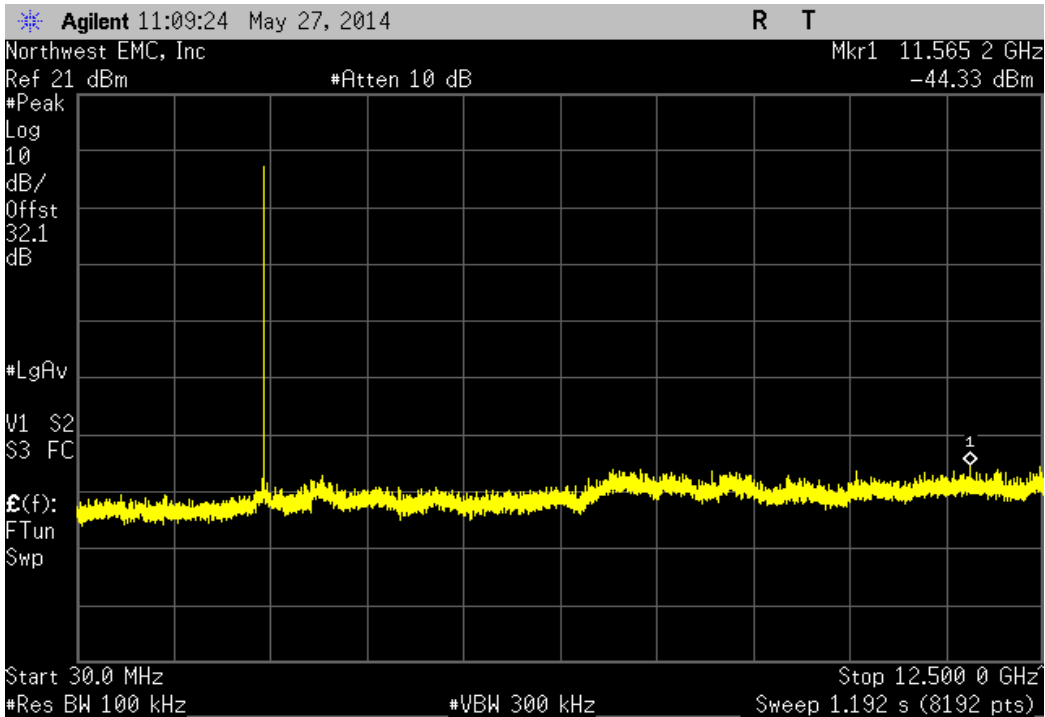
2400 MHz - 2483.5 MHz Band, 2.5MHz Bandwidth , 802.11(n) MCS7, Low Channel 2403 MHz			
Frequency Range	Value	Limit	Result
12.5 GHz - 25 GHz	-48.49 dBc	≤ -20 dBc	Pass



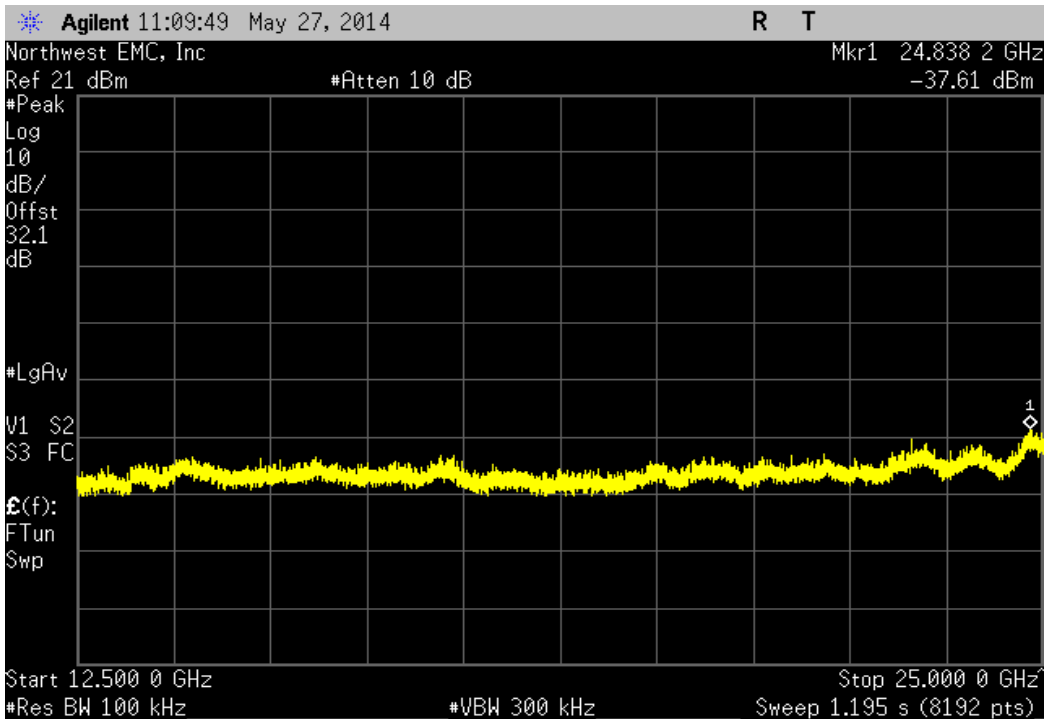
2400 MHz - 2483.5 MHz Band, 2.5MHz Bandwidth , 802.11(n) MCS7, Mid Channel 2435 MHz			
Frequency Range	Value	Limit	Result
Fundamental	N/A	N/A	N/A



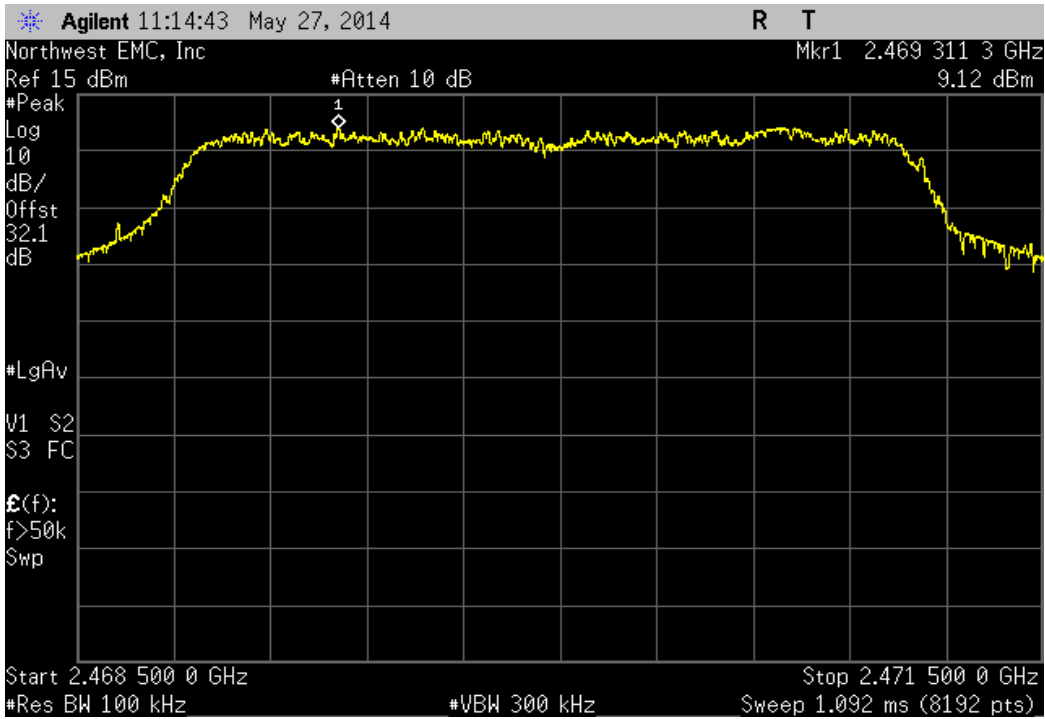
2400 MHz - 2483.5 MHz Band, 2.5MHz Bandwidth , 802.11(n) MCS7, Mid Channel 2435 MHz			
Frequency Range	Value	Limit	Result
30 MHz - 12.5 GHz	-54.24 dBc	≤ -20 dBc	Pass



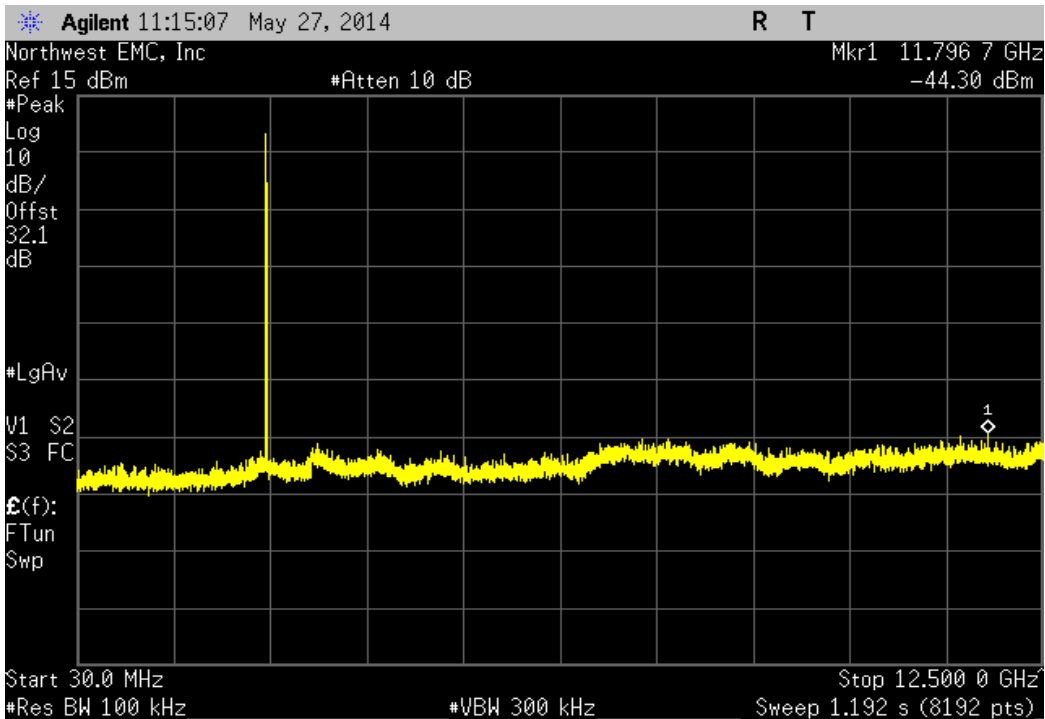
2400 MHz - 2483.5 MHz Band, 2.5MHz Bandwidth , 802.11(n) MCS7, Mid Channel 2435 MHz			
Frequency Range	Value	Limit	Result
12.5 GHz - 25 GHz	-47.52 dBc	≤ -20 dBc	Pass



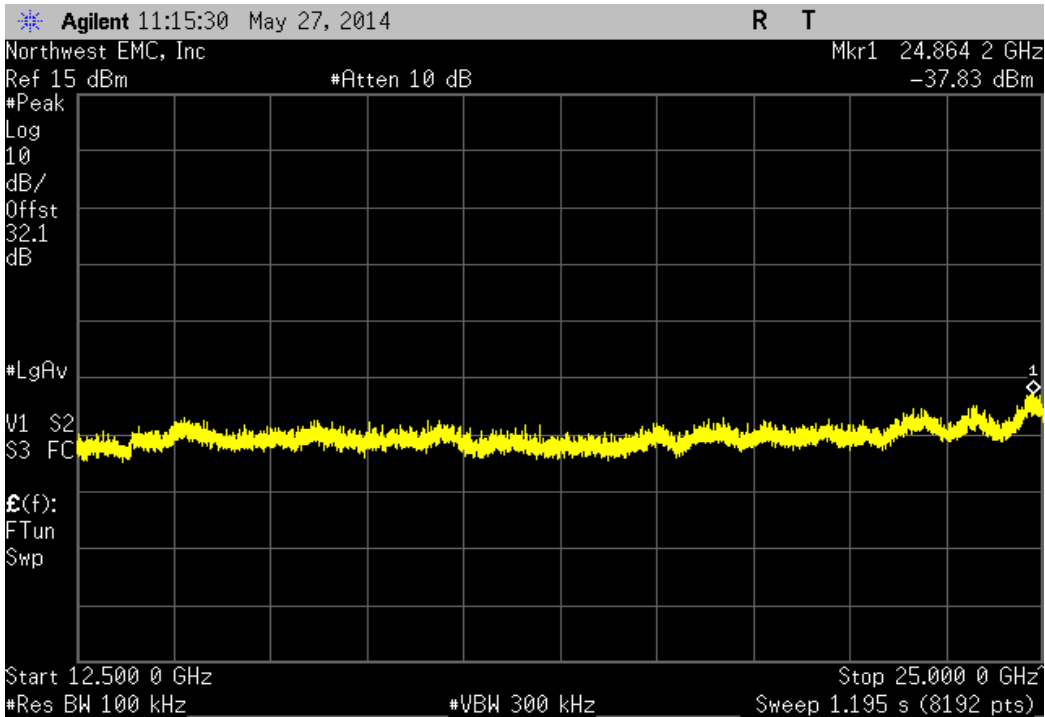
2400 MHz - 2483.5 MHz Band, 2.5MHz Bandwidth , 802.11(n) MCS7, High Channel 2470 MHz				
Frequency Range		Value	Limit	Result
Fundamental		N/A	N/A	N/A



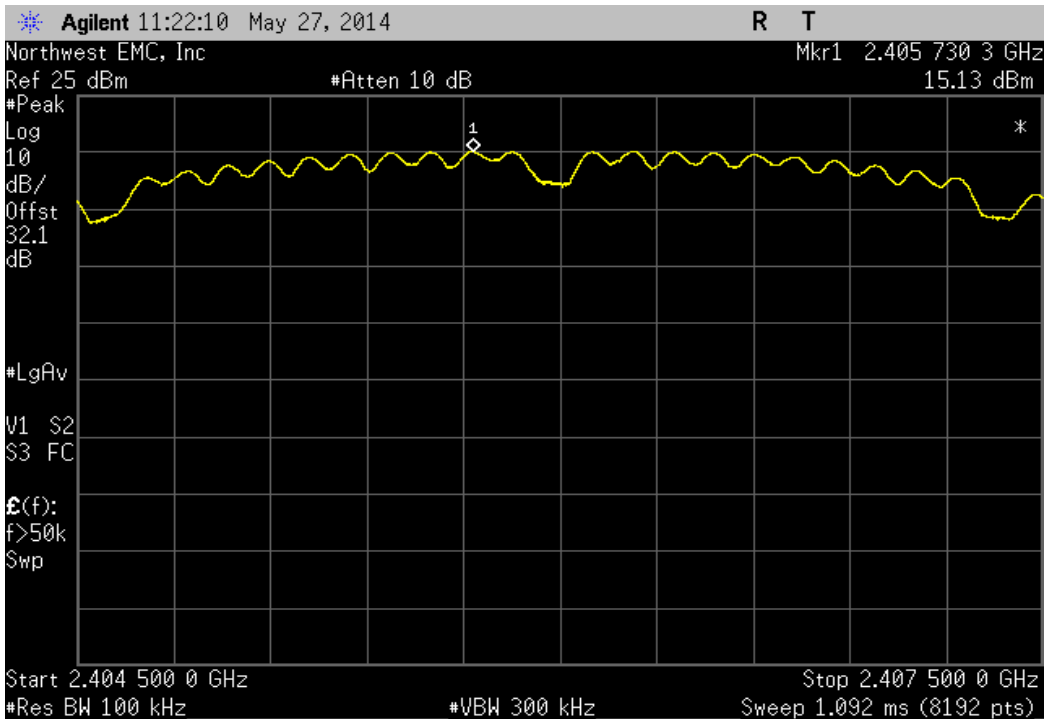
2400 MHz - 2483.5 MHz Band, 2.5MHz Bandwidth , 802.11(n) MCS7, High Channel 2470 MHz				
Frequency Range		Value	Limit	Result
30 MHz - 12.5 GHz		-53.42 dBc	≤ -20 dBc	Pass



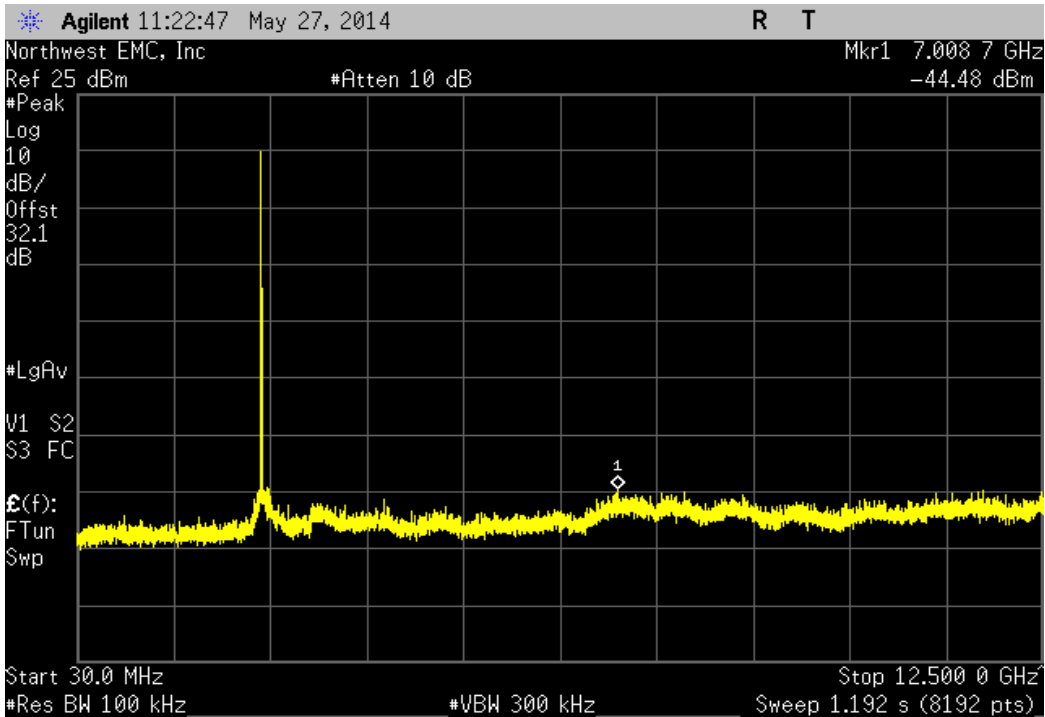
2400 MHz - 2483.5 MHz Band, 2.5MHz Bandwidth , 802.11(n) MCS7, High Channel 2470 MHz			
Frequency Range	Value	Limit	Result
12.5 GHz - 25 GHz	-46.95 dBc	≤ -20 dBc	Pass



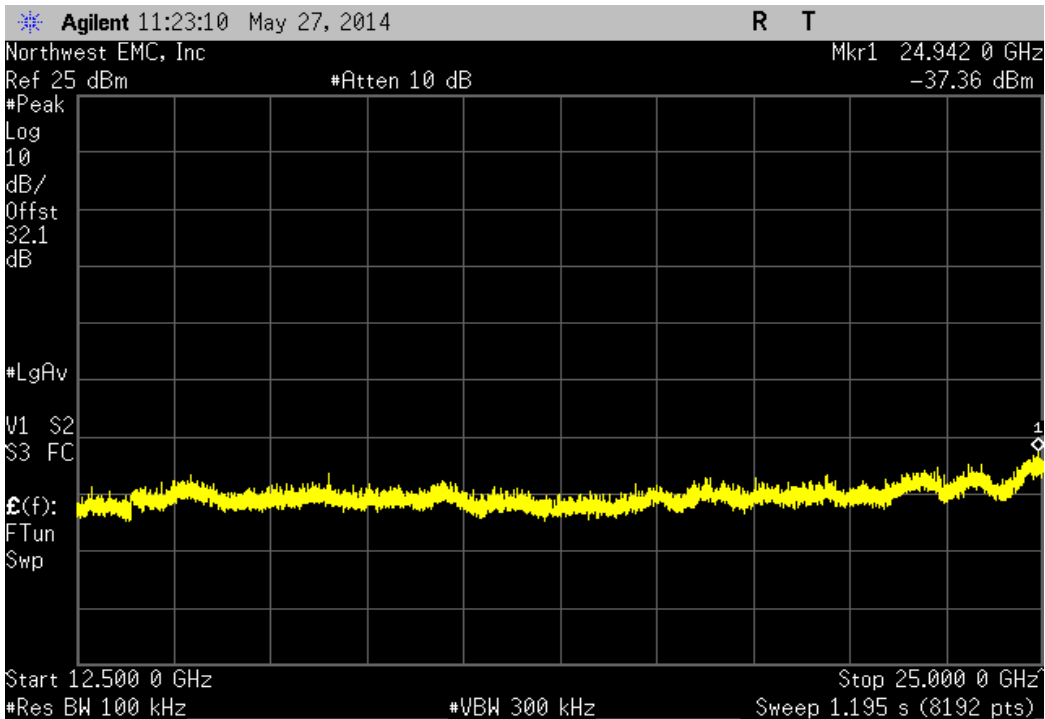
2400 MHz - 2483.5 MHz Band, 5MHz Bandwidth , 802.11(b) 1 Mbps, Low Channel 2406 MHz			
Frequency Range	Value	Limit	Result
Fundamental	N/A	N/A	N/A



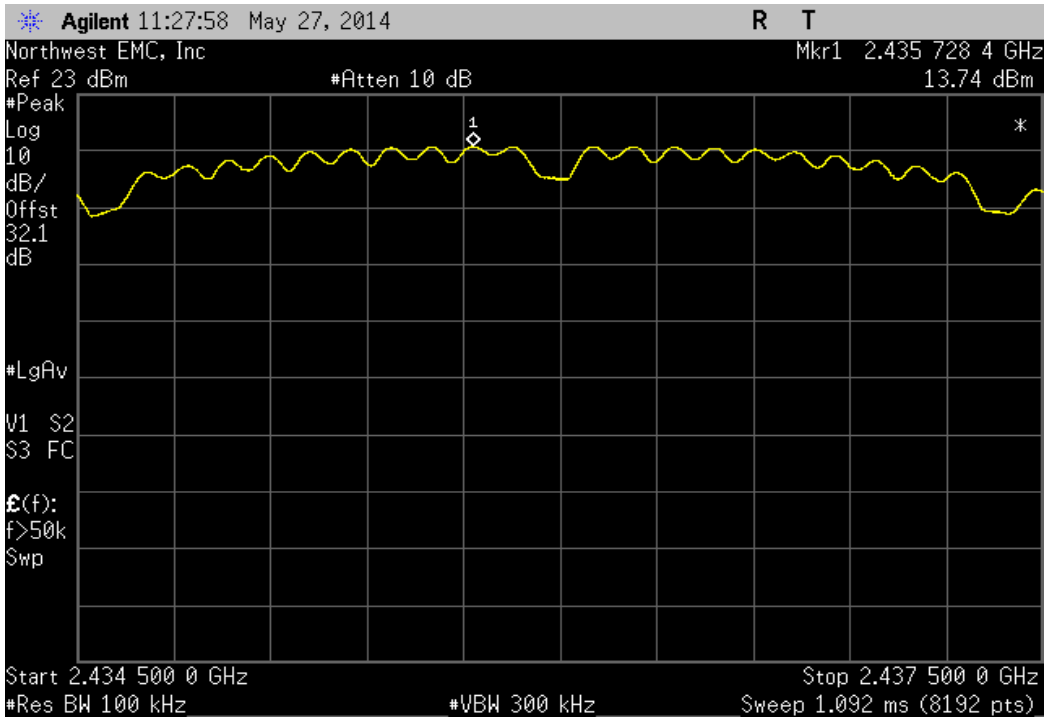
2400 MHz - 2483.5 MHz Band, 5MHz Bandwidth , 802.11(b) 1 Mbps, Low Channel 2406 MHz			
Frequency Range	Value	Limit	Result
30 MHz - 12.5 GHz	-59.61 dBc	≤ -20 dBc	Pass



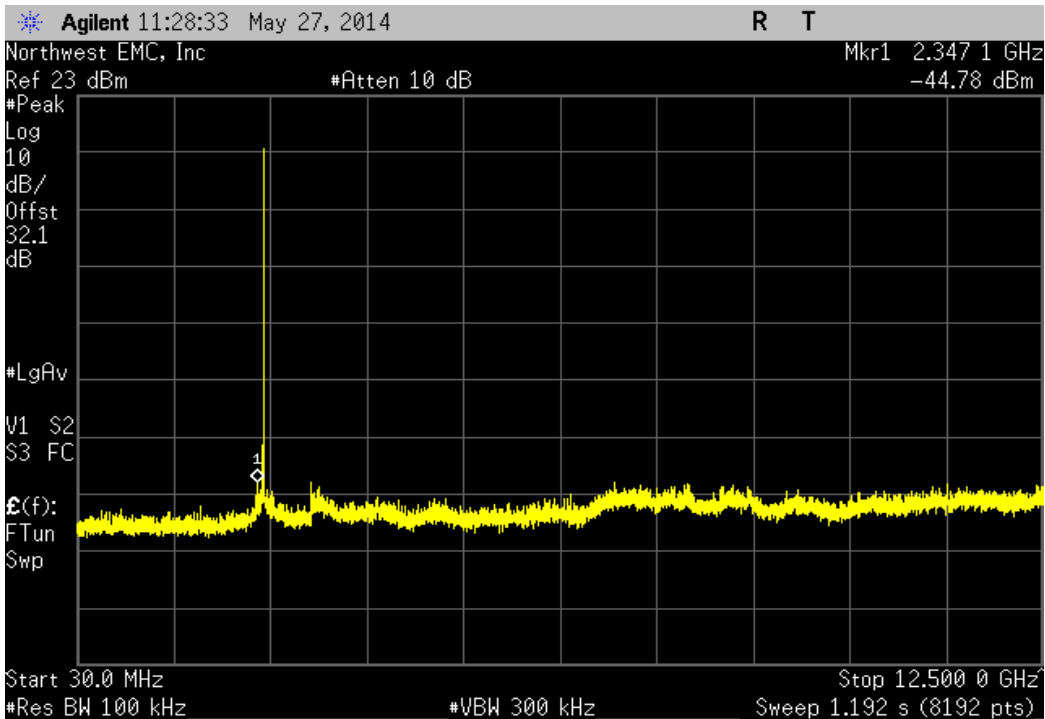
2400 MHz - 2483.5 MHz Band, 5MHz Bandwidth , 802.11(b) 1 Mbps, Low Channel 2406 MHz			
Frequency Range	Value	Limit	Result
12.5 GHz - 25 GHz	-52.49 dBc	≤ -20 dBc	Pass



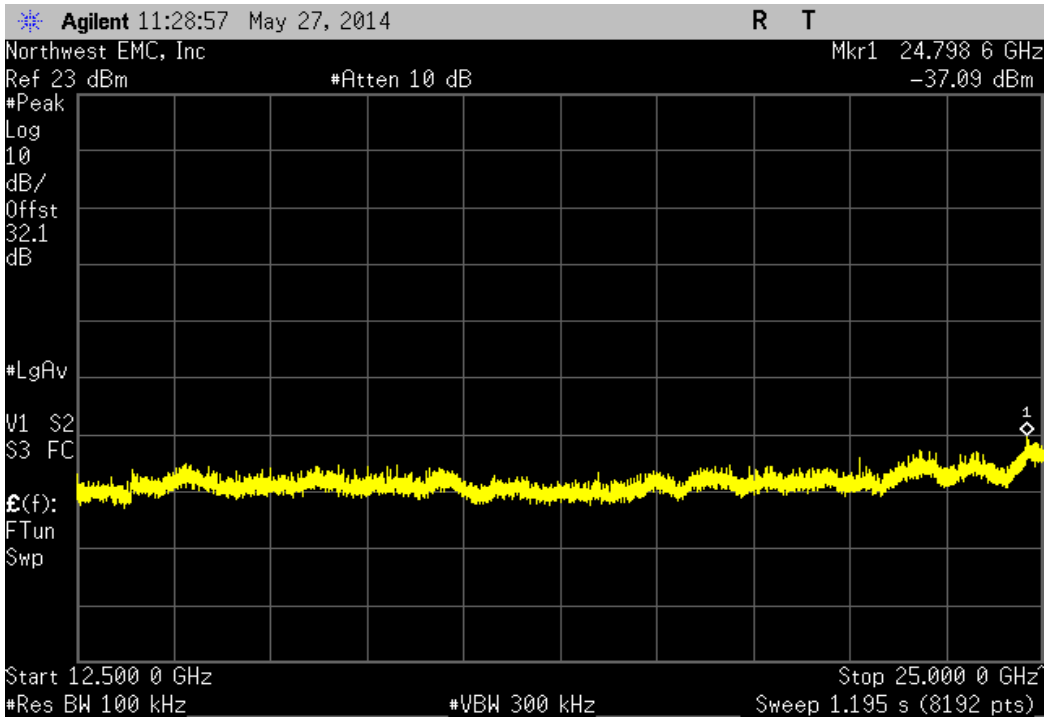
2400 MHz - 2483.5 MHz Band, 5MHz Bandwidth , 802.11(b) 1 Mbps, Mid Channel 2436 MHz				
Frequency Range		Value	Limit	Result
Fundamental		N/A	N/A	N/A



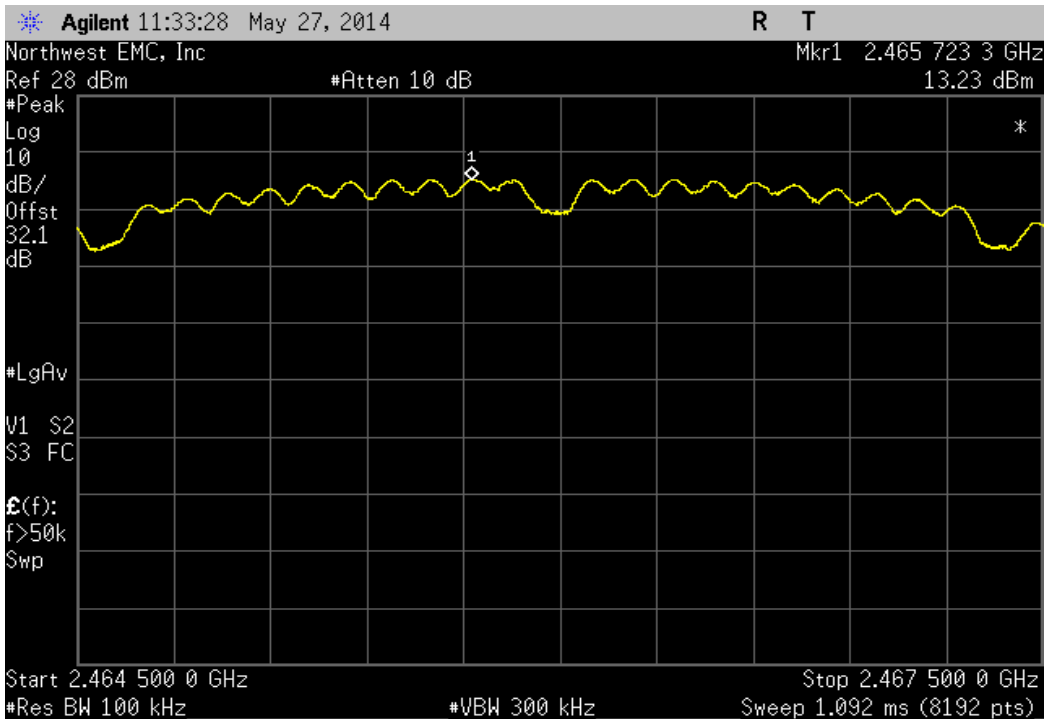
2400 MHz - 2483.5 MHz Band, 5MHz Bandwidth , 802.11(b) 1 Mbps, Mid Channel 2436 MHz				
Frequency Range		Value	Limit	Result
30 MHz - 12.5 GHz		-58.52 dBc	≤ -20 dBc	Pass



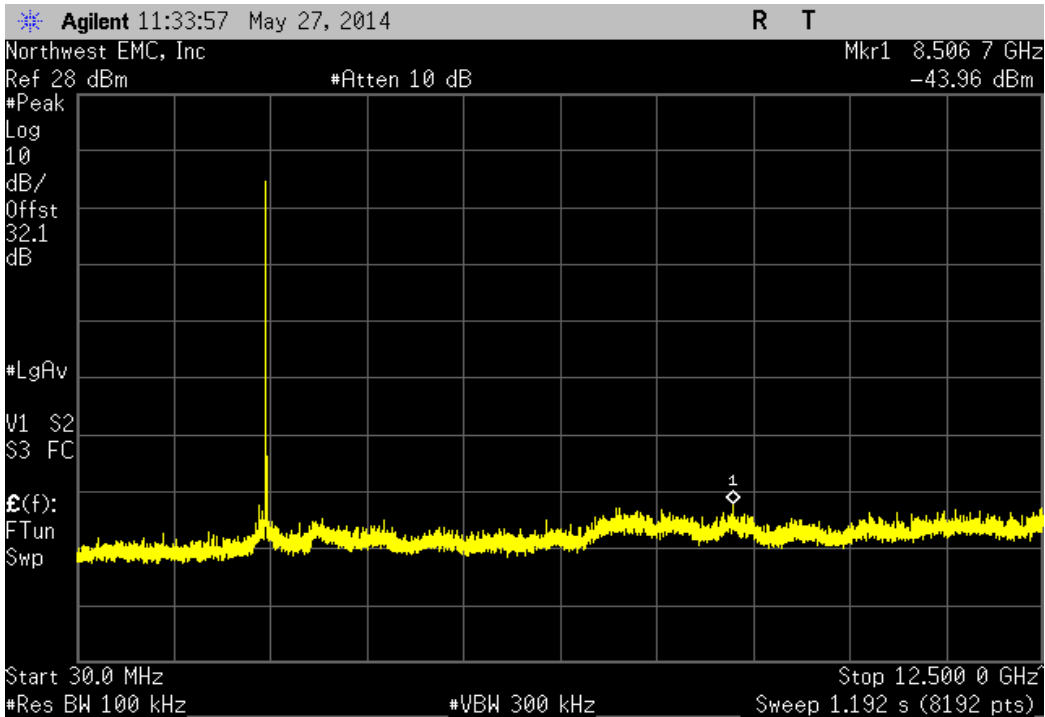
2400 MHz - 2483.5 MHz Band, 5MHz Bandwidth , 802.11(b) 1 Mbps, Mid Channel 2436 MHz			
Frequency Range	Value	Limit	Result
12.5 GHz - 25 GHz	-50.83 dBc	≤ -20 dBc	Pass



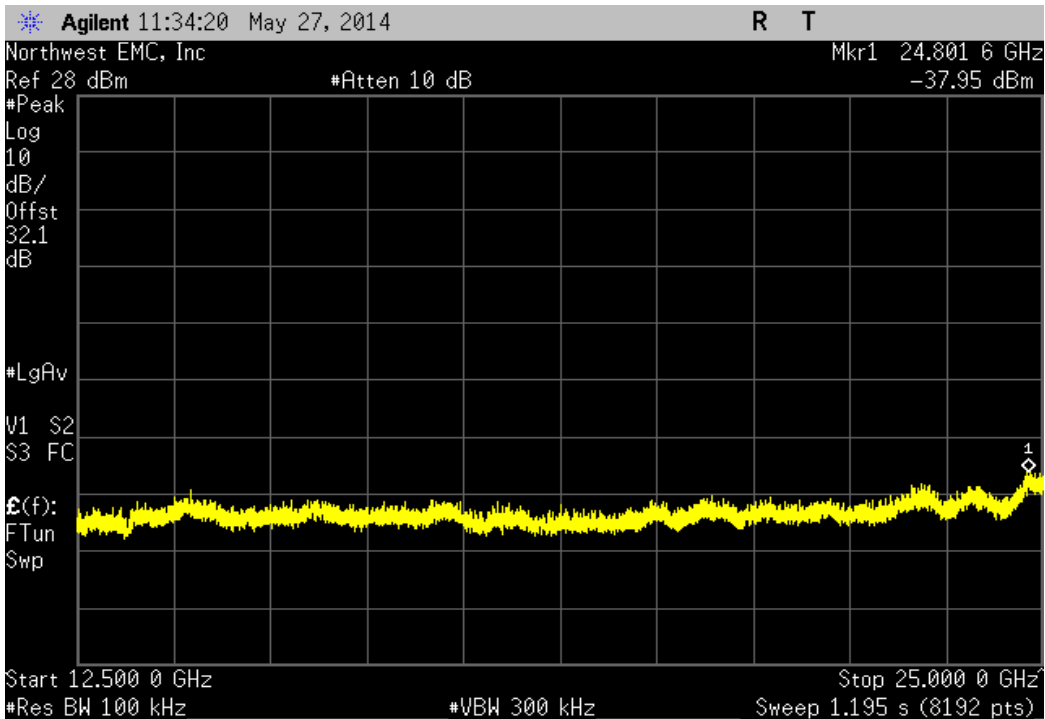
2400 MHz - 2483.5 MHz Band, 5MHz Bandwidth , 802.11(b) 1 Mbps, High Channel 2466 MHz			
Frequency Range	Value	Limit	Result
Fundamental	N/A	N/A	N/A



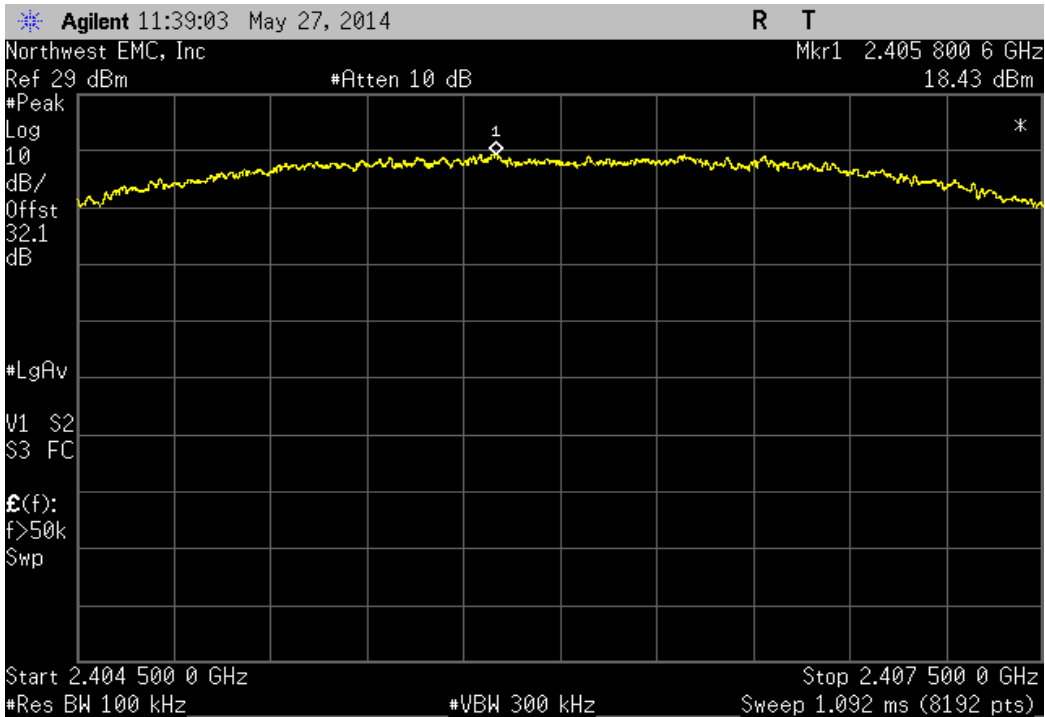
2400 MHz - 2483.5 MHz Band, 5MHz Bandwidth , 802.11(b) 1 Mbps, High Channel 2466 MHz			
Frequency Range	Value	Limit	Result
30 MHz - 12.5 GHz	-57.19 dBc	≤ -20 dBc	Pass



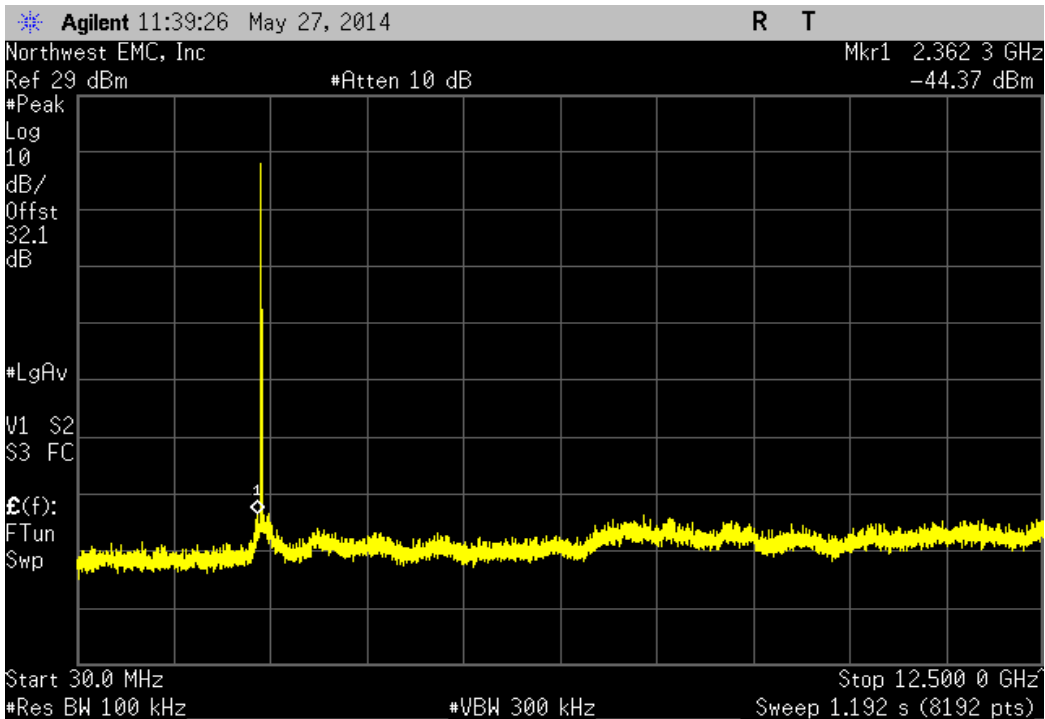
2400 MHz - 2483.5 MHz Band, 5MHz Bandwidth , 802.11(b) 1 Mbps, High Channel 2466 MHz			
Frequency Range	Value	Limit	Result
12.5 GHz - 25 GHz	-51.18 dBc	≤ -20 dBc	Pass



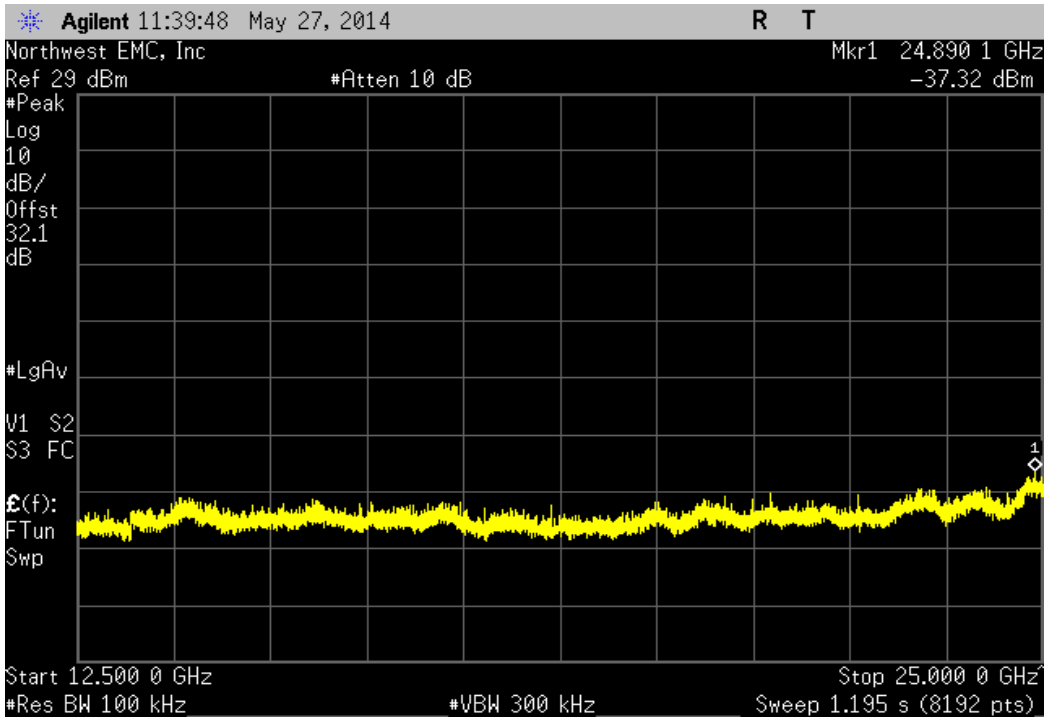
2400 MHz - 2483.5 MHz Band, 5MHz Bandwidth , 802.11(b) 11 Mbps, Low Channel 2406 MHz				
Frequency Range		Value	Limit	Result
Fundamental		N/A	N/A	N/A



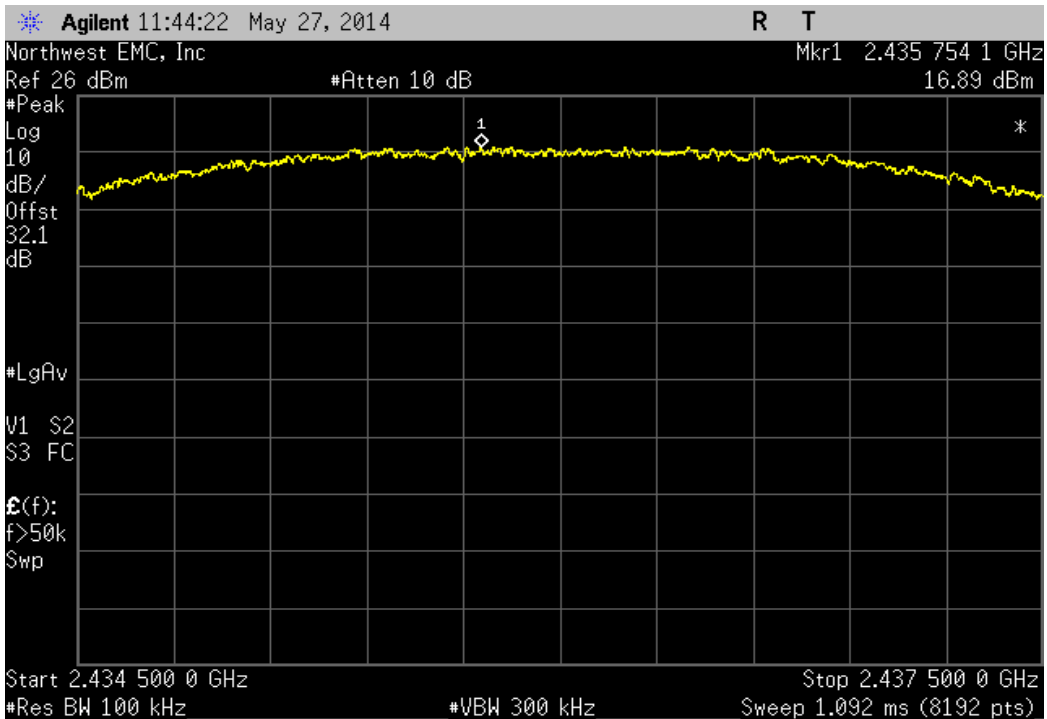
2400 MHz - 2483.5 MHz Band, 5MHz Bandwidth , 802.11(b) 11 Mbps, Low Channel 2406 MHz				
Frequency Range		Value	Limit	Result
30 MHz - 12.5 GHz		-62.8 dBc	≤ -20 dBc	Pass



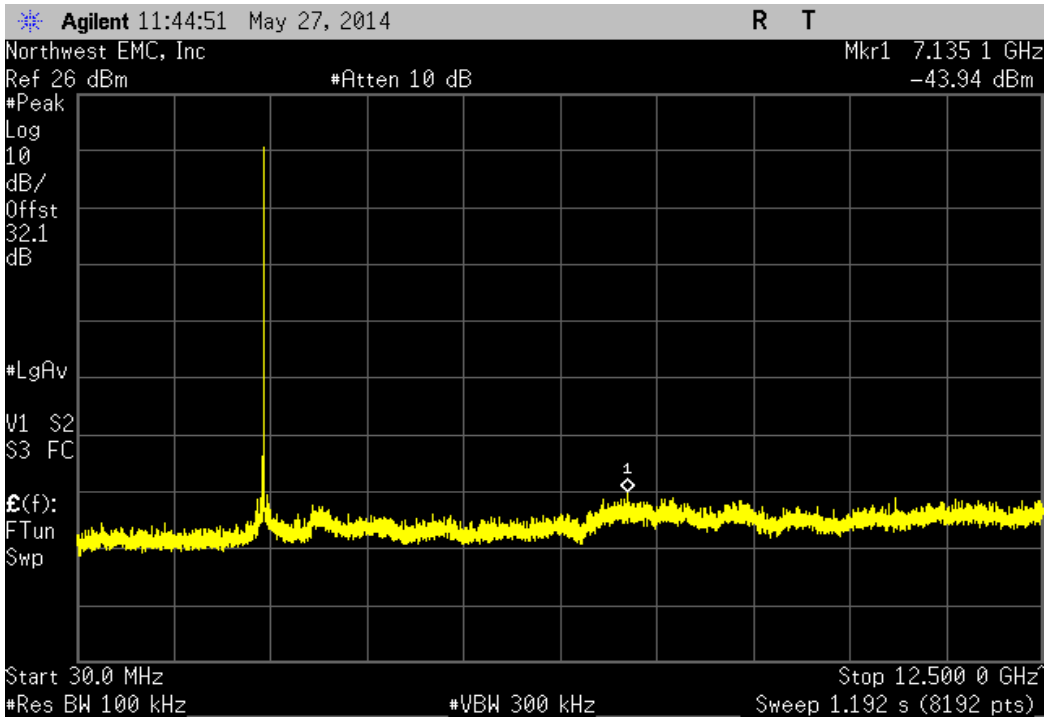
2400 MHz - 2483.5 MHz Band, 5MHz Bandwidth , 802.11(b) 11 Mbps, Low Channel 2406 MHz			
Frequency Range	Value	Limit	Result
12.5 GHz - 25 GHz	-55.75 dBc	≤ -20 dBc	Pass



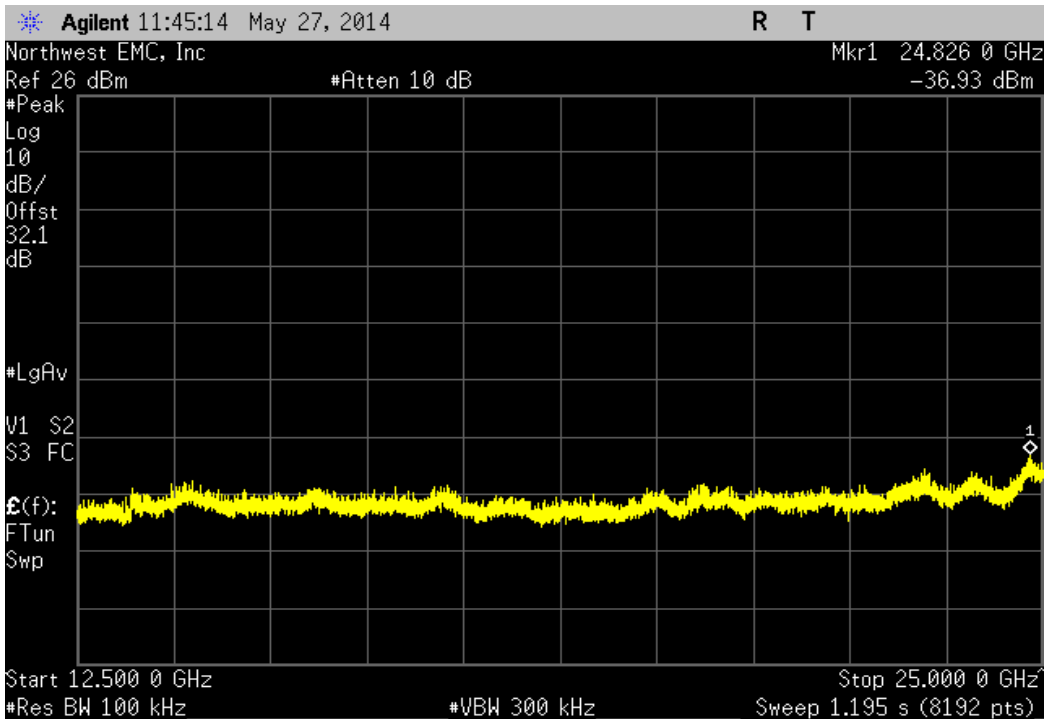
2400 MHz - 2483.5 MHz Band, 5MHz Bandwidth , 802.11(b) 11 Mbps, Mid Channel 2436 MHz			
Frequency Range	Value	Limit	Result
Fundamental	N/A	N/A	N/A



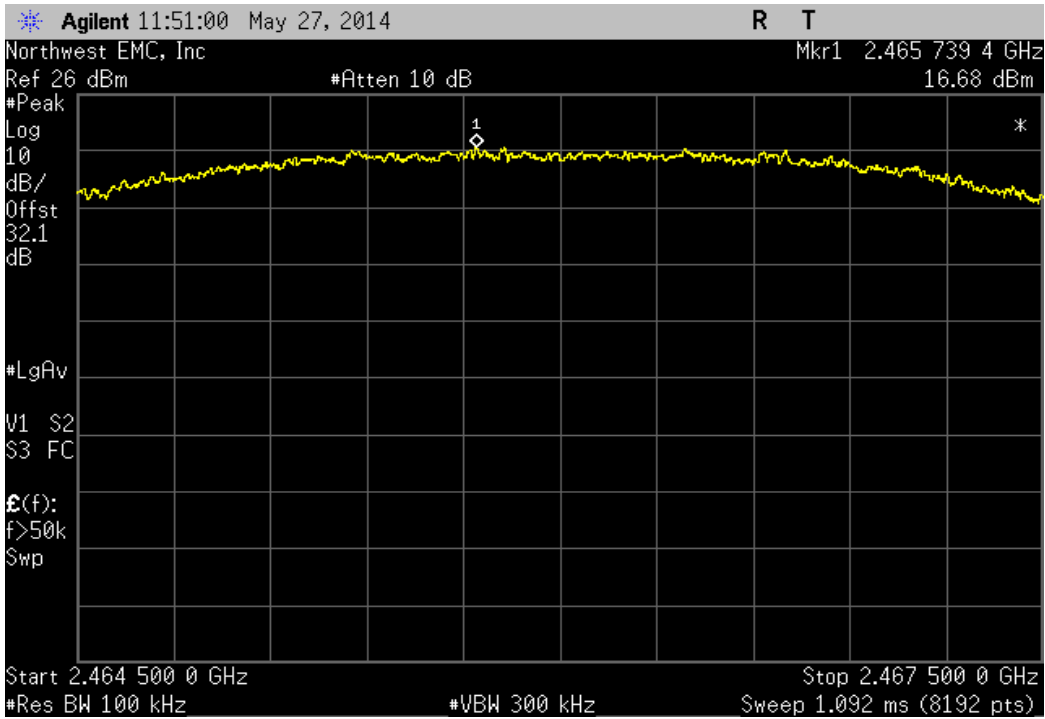
2400 MHz - 2483.5 MHz Band, 5MHz Bandwidth , 802.11(b) 11 Mbps, Mid Channel 2436 MHz			
Frequency Range	Value	Limit	Result
30 MHz - 12.5 GHz	-60.83 dBc	≤ -20 dBc	Pass



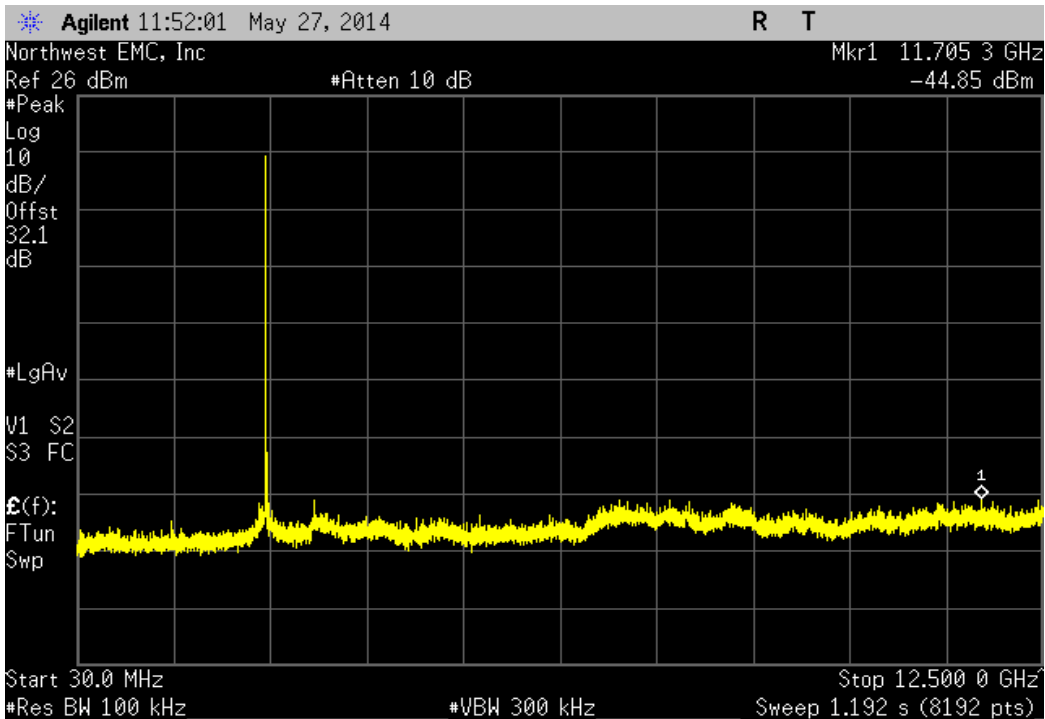
2400 MHz - 2483.5 MHz Band, 5MHz Bandwidth , 802.11(b) 11 Mbps, Mid Channel 2436 MHz			
Frequency Range	Value	Limit	Result
12.5 GHz - 25 GHz	-53.82 dBc	≤ -20 dBc	Pass



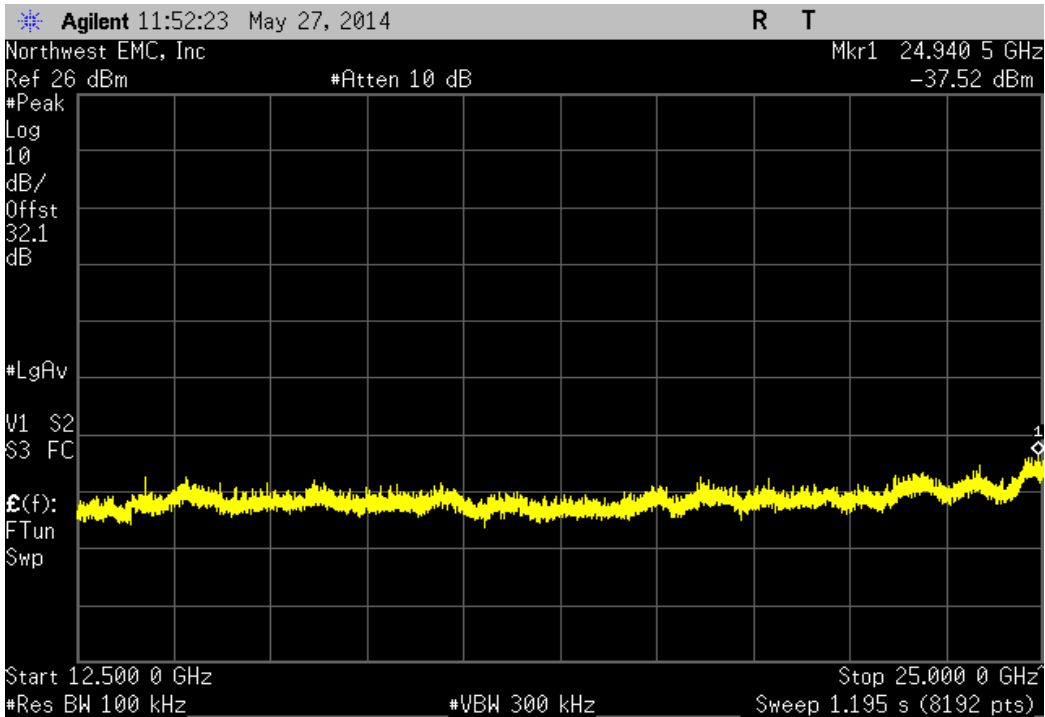
2400 MHz - 2483.5 MHz Band, 5MHz Bandwidth , 802.11(b) 11 Mbps, High Channel 2466 MHz				
Frequency Range		Value	Limit	Result
Fundamental		N/A	N/A	N/A



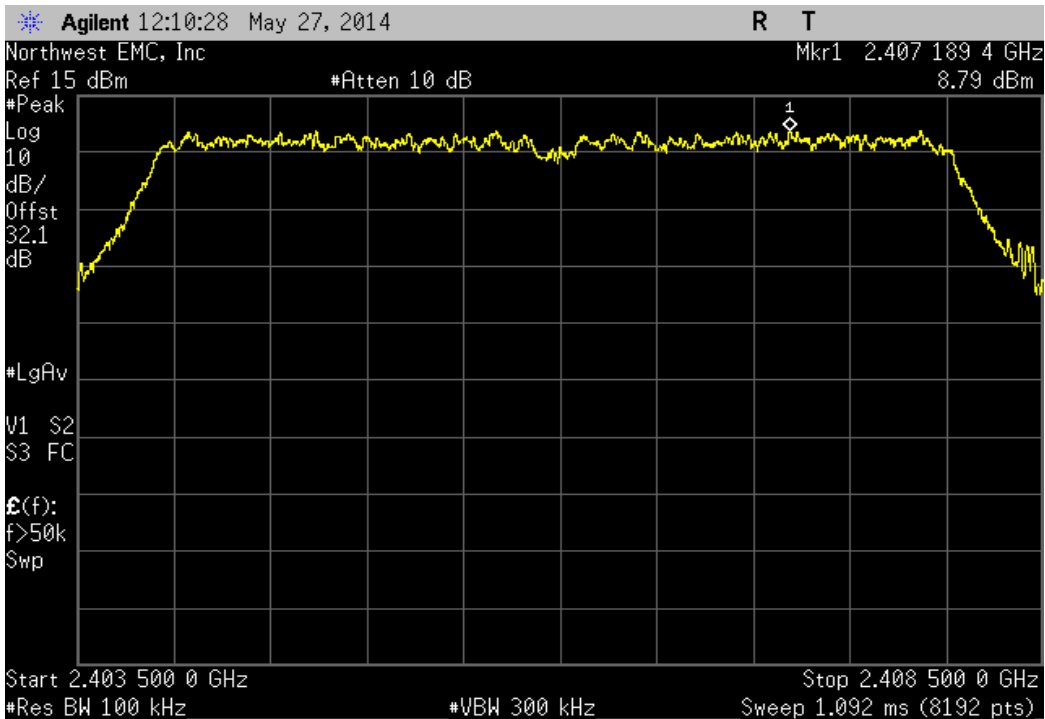
2400 MHz - 2483.5 MHz Band, 5MHz Bandwidth , 802.11(b) 11 Mbps, High Channel 2466 MHz				
Frequency Range		Value	Limit	Result
30 MHz - 12.5 GHz		-61.53 dBc	≤ -20 dBc	Pass



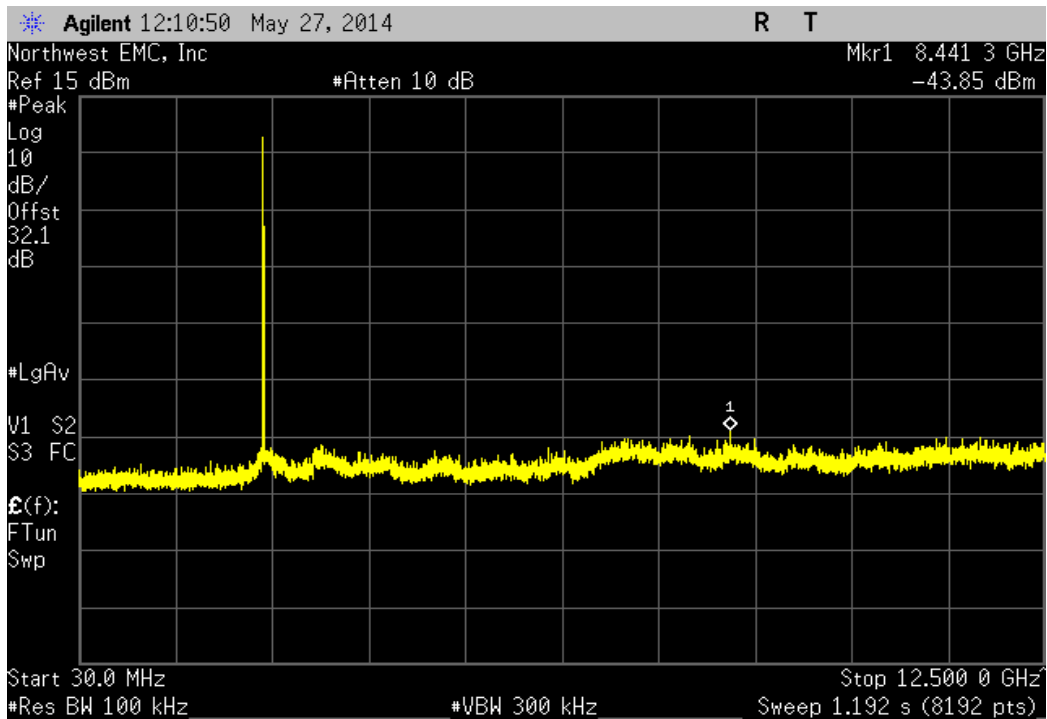
2400 MHz - 2483.5 MHz Band, 5MHz Bandwidth , 802.11(b) 11 Mbps, High Channel 2466 MHz			
Frequency Range	Value	Limit	Result
12.5 GHz - 25 GHz	-54.2 dBc	≤ -20 dBc	Pass



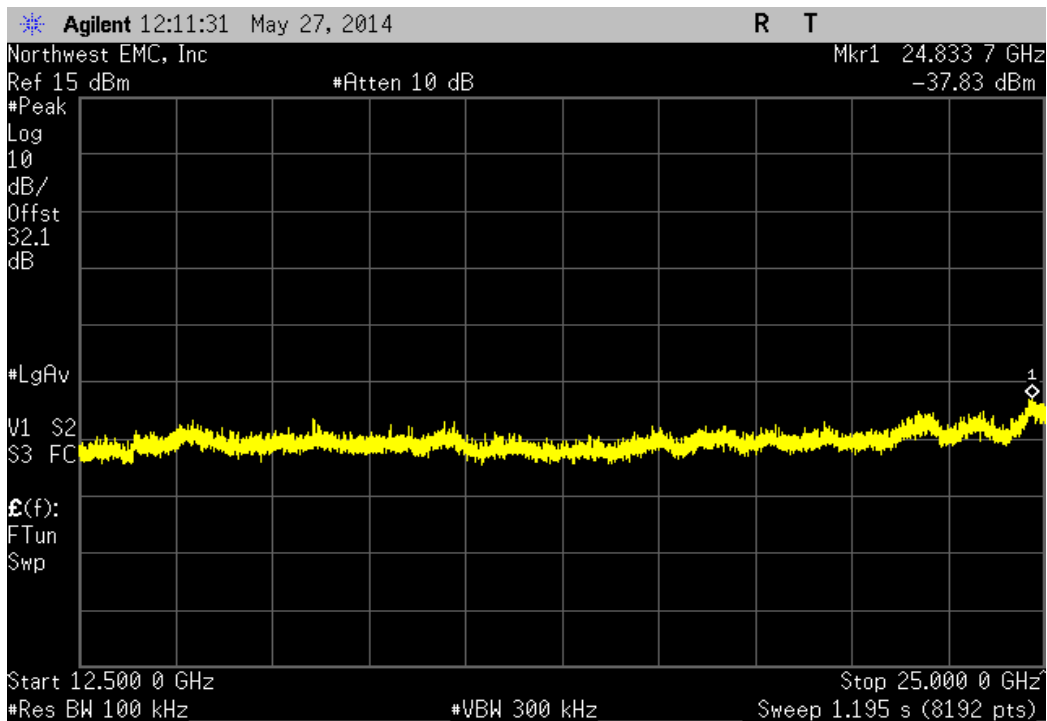
2400 MHz - 2483.5 MHz Band, 5MHz Bandwidth , 802.11(g) 6 Mbps, Low Channel 2406 MHz			
Frequency Range	Value	Limit	Result
Fundamental	N/A	N/A	N/A



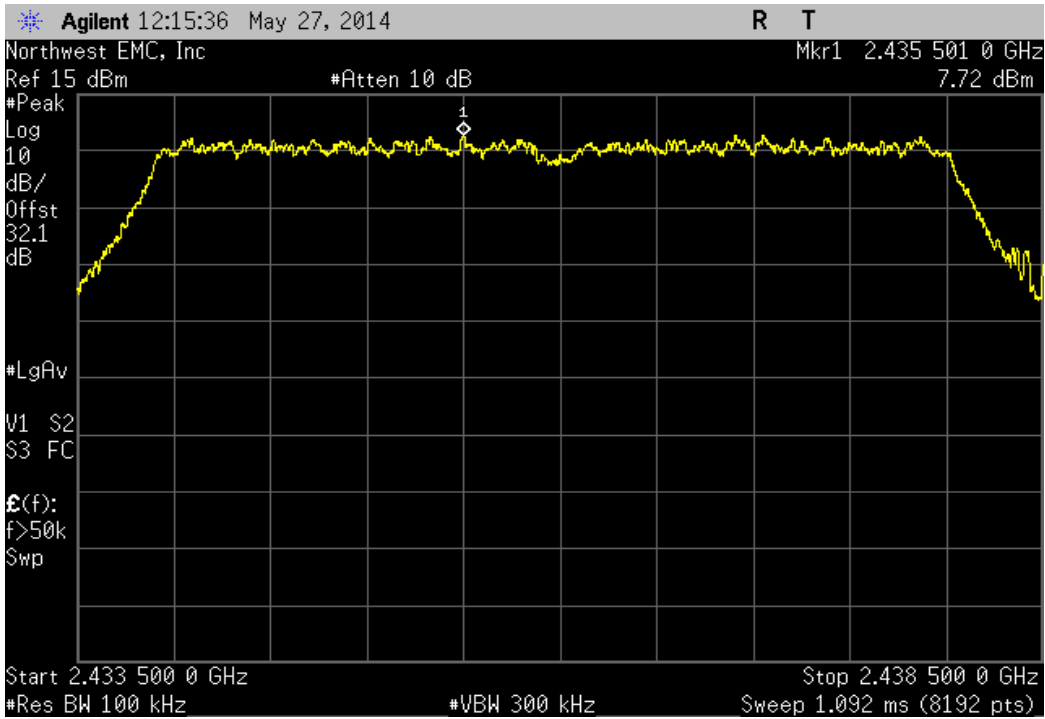
2400 MHz - 2483.5 MHz Band, 5MHz Bandwidth , 802.11(g) 6 Mbps, Low Channel 2406 MHz			
Frequency Range	Value	Limit	Result
30 MHz - 12.5 GHz	-52.64 dBc	≤ -20 dBc	Pass



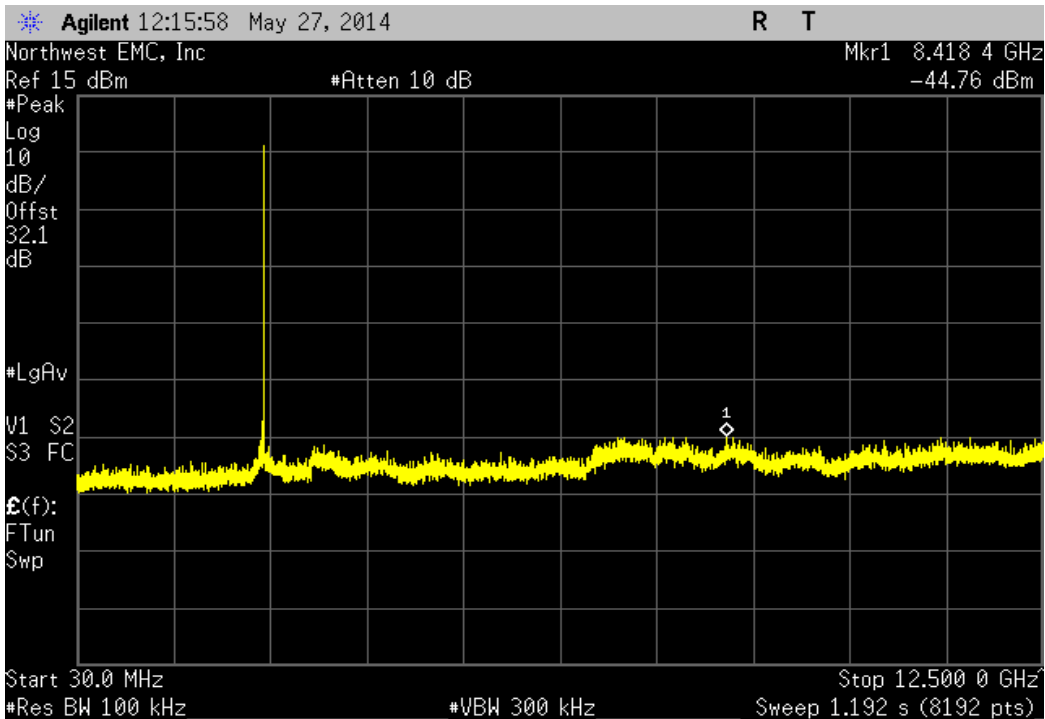
2400 MHz - 2483.5 MHz Band, 5MHz Bandwidth , 802.11(g) 6 Mbps, Low Channel 2406 MHz			
Frequency Range	Value	Limit	Result
12.5 GHz - 25 GHz	-46.62 dBc	≤ -20 dBc	Pass



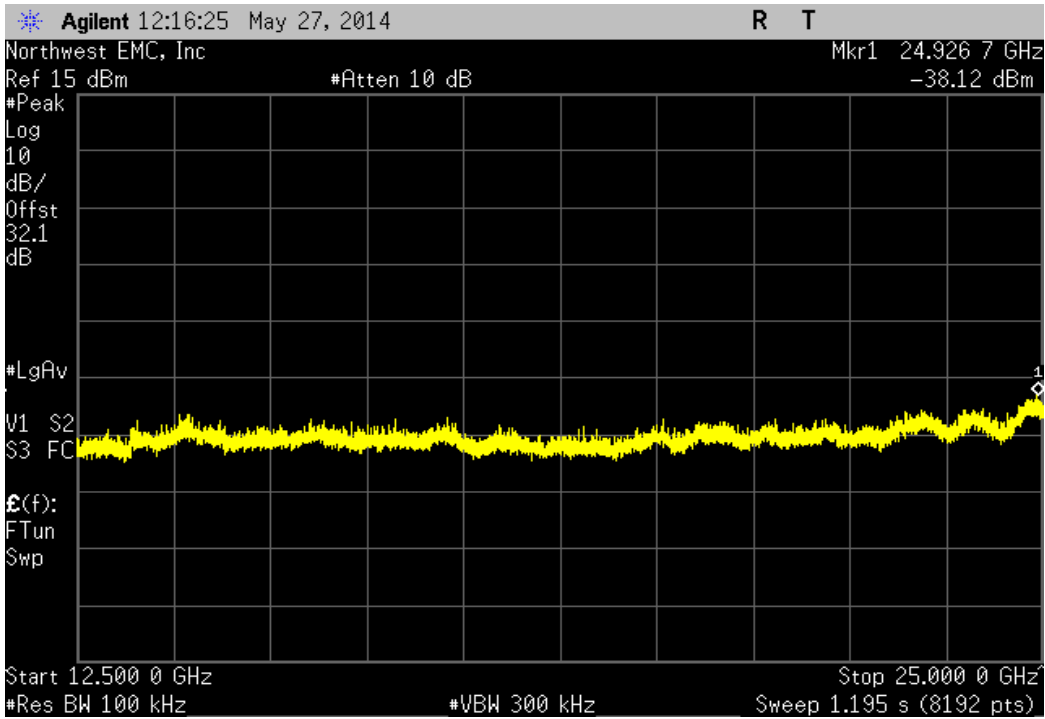
2400 MHz - 2483.5 MHz Band, 5MHz Bandwidth , 802.11(g) 6 Mbps, Mid Channel 2436 MHz				
Frequency Range		Value	Limit	Result
Fundamental		N/A	N/A	N/A



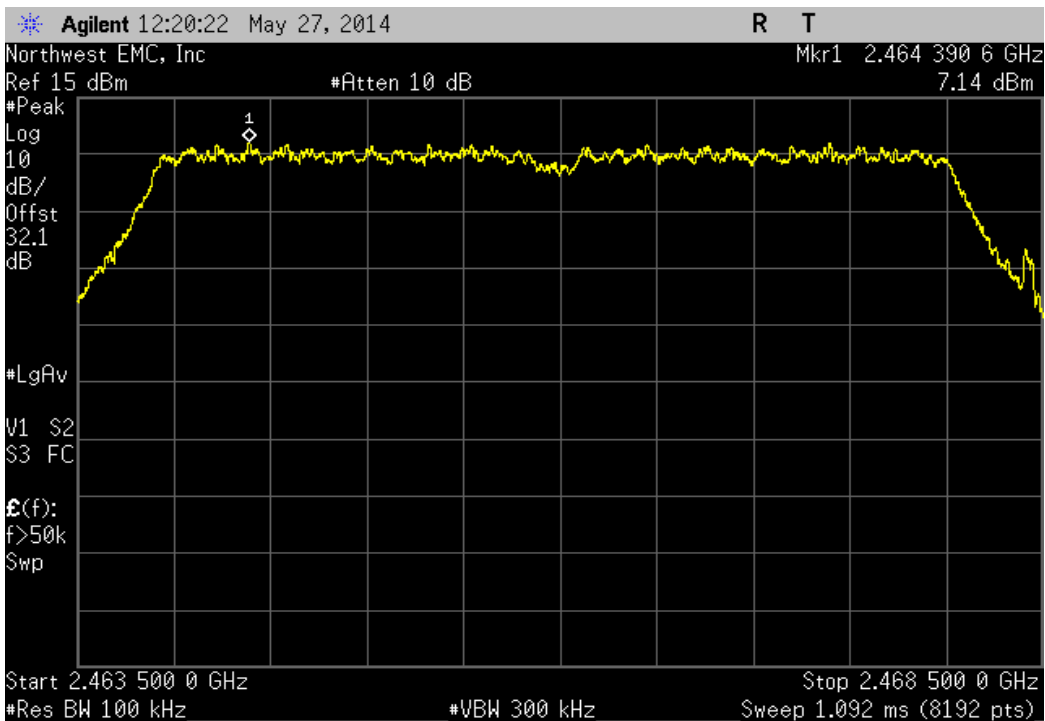
2400 MHz - 2483.5 MHz Band, 5MHz Bandwidth , 802.11(g) 6 Mbps, Mid Channel 2436 MHz				
Frequency Range		Value	Limit	Result
30 MHz - 12.5 GHz		-52.48 dBc	≤ -20 dBc	Pass



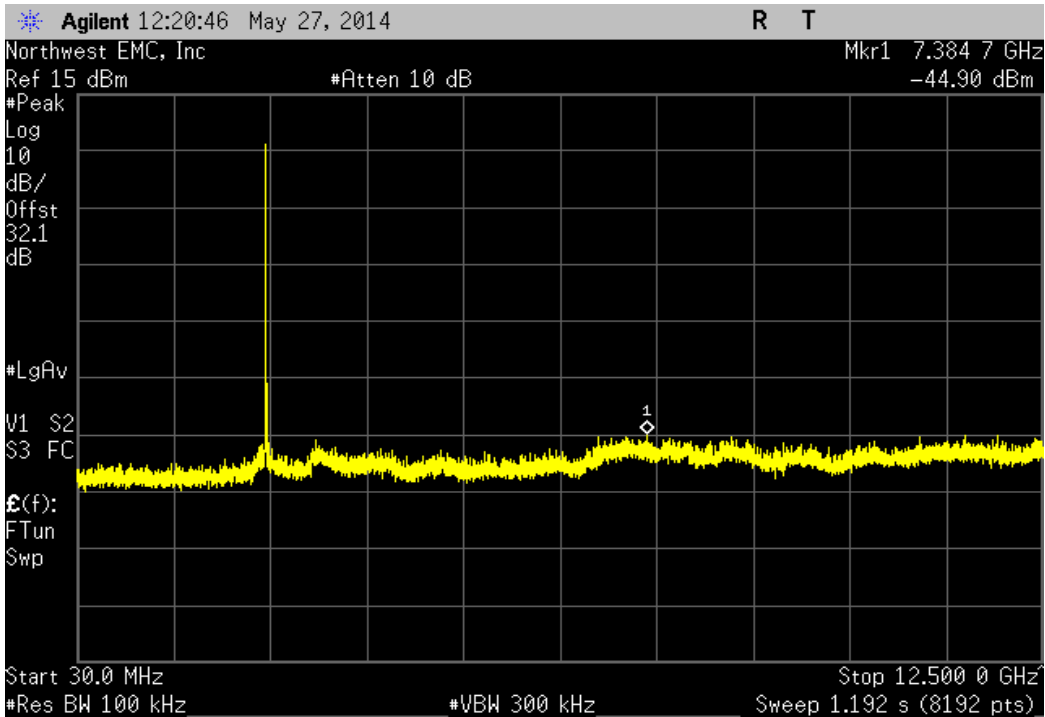
2400 MHz - 2483.5 MHz Band, 5MHz Bandwidth , 802.11(g) 6 Mbps, Mid Channel 2436 MHz			
Frequency Range	Value	Limit	Result
12.5 GHz - 25 GHz	-45.84 dBc	≤ -20 dBc	Pass



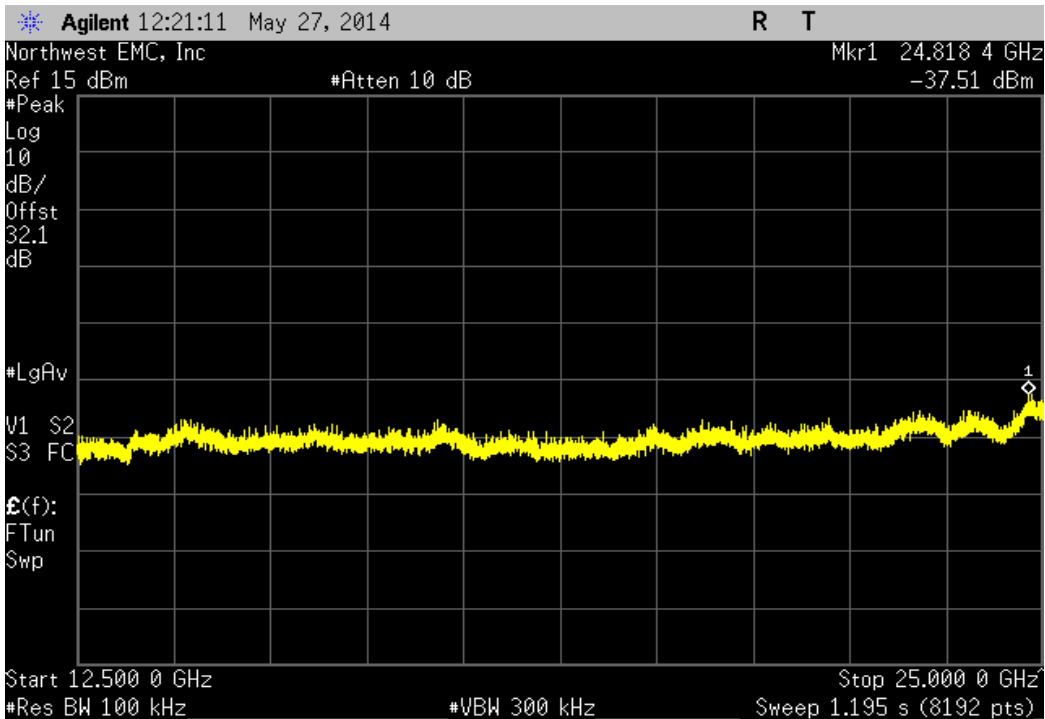
2400 MHz - 2483.5 MHz Band, 5MHz Bandwidth , 802.11(g) 6 Mbps, High Channel 2466 MHz			
Frequency Range	Value	Limit	Result
Fundamental	N/A	N/A	N/A



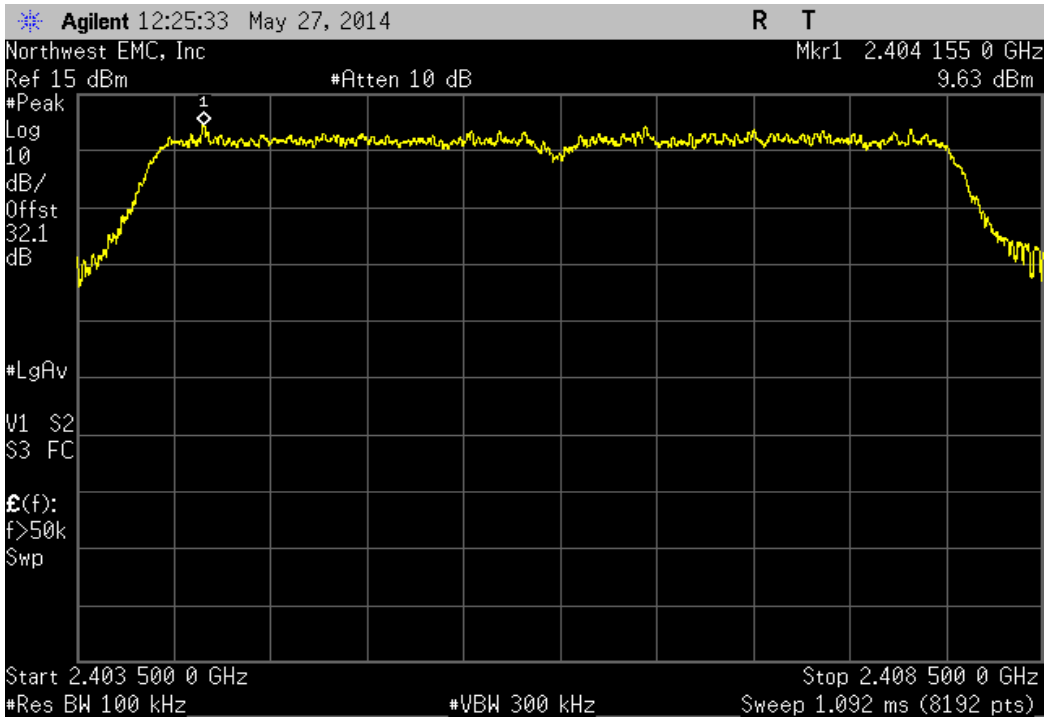
2400 MHz - 2483.5 MHz Band, 5MHz Bandwidth , 802.11(g) 6 Mbps, High Channel 2466 MHz			
Frequency Range	Value	Limit	Result
30 MHz - 12.5 GHz	-52.05 dBc	≤ -20 dBc	Pass



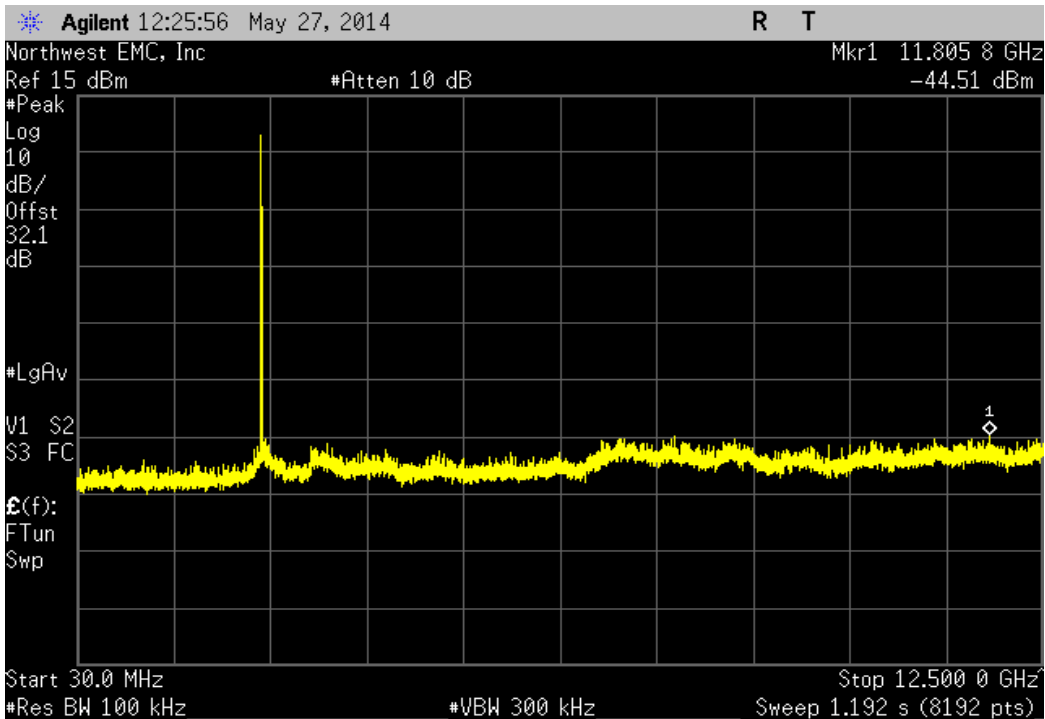
2400 MHz - 2483.5 MHz Band, 5MHz Bandwidth , 802.11(g) 6 Mbps, High Channel 2466 MHz			
Frequency Range	Value	Limit	Result
12.5 GHz - 25 GHz	-44.66 dBc	≤ -20 dBc	Pass



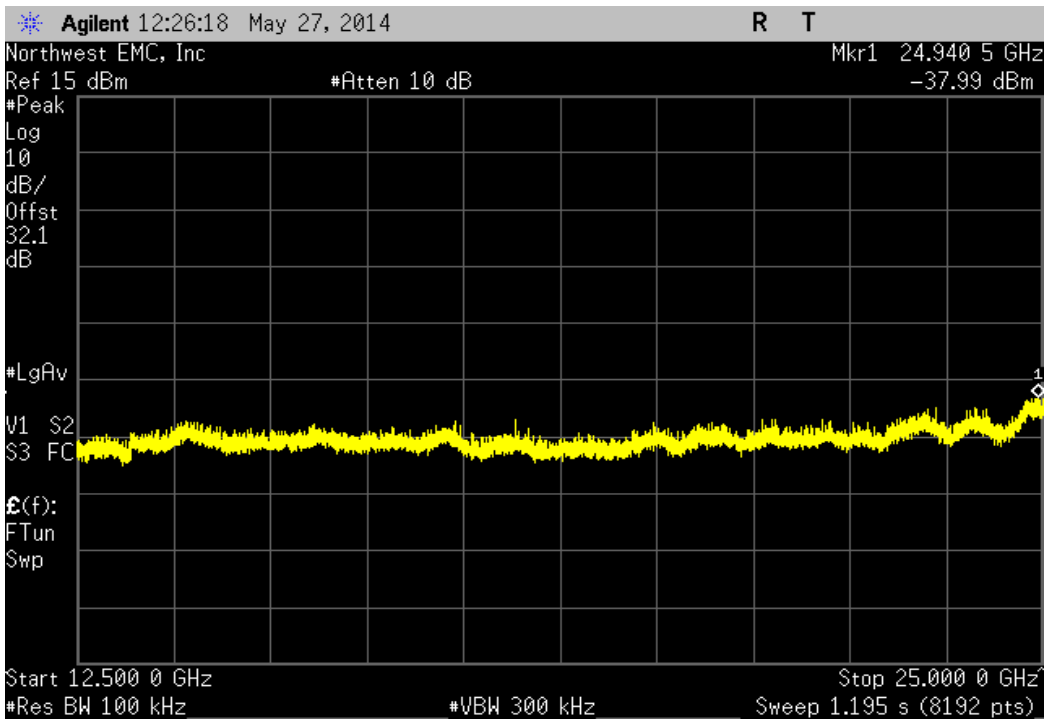
2400 MHz - 2483.5 MHz Band, 5MHz Bandwidth , 802.11(g) 36 Mbps, Low Channel 2406 MHz				
Frequency Range		Value	Limit	Result
Fundamental		N/A	N/A	N/A



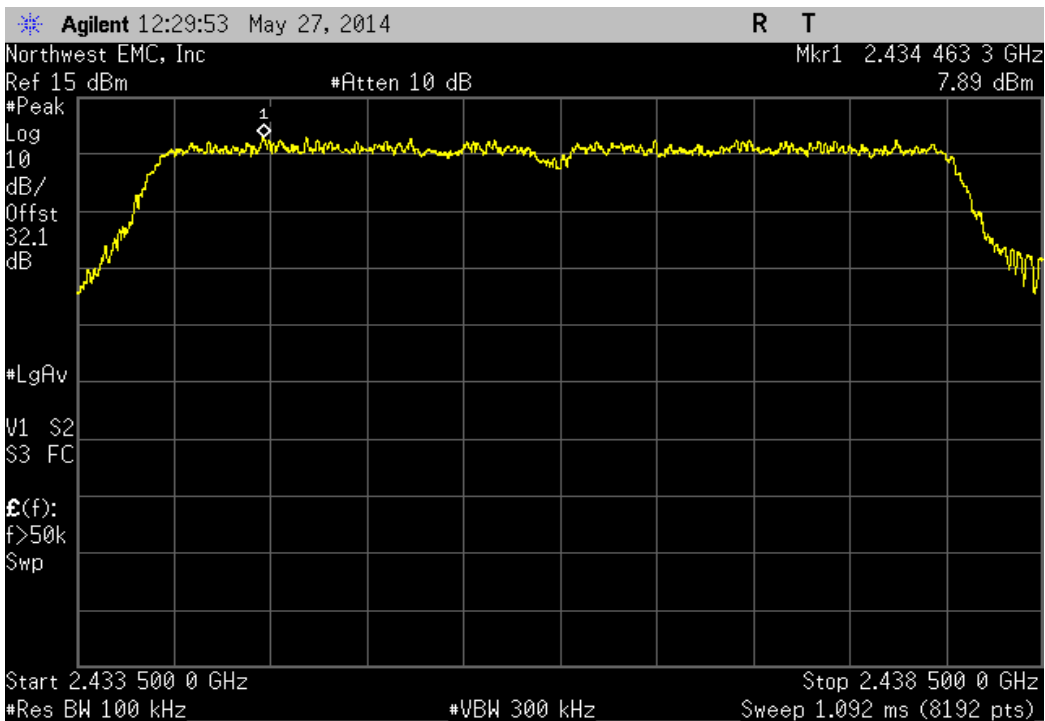
2400 MHz - 2483.5 MHz Band, 5MHz Bandwidth , 802.11(g) 36 Mbps, Low Channel 2406 MHz				
Frequency Range		Value	Limit	Result
30 MHz - 12.5 GHz		-54.14 dBc	≤ -20 dBc	Pass



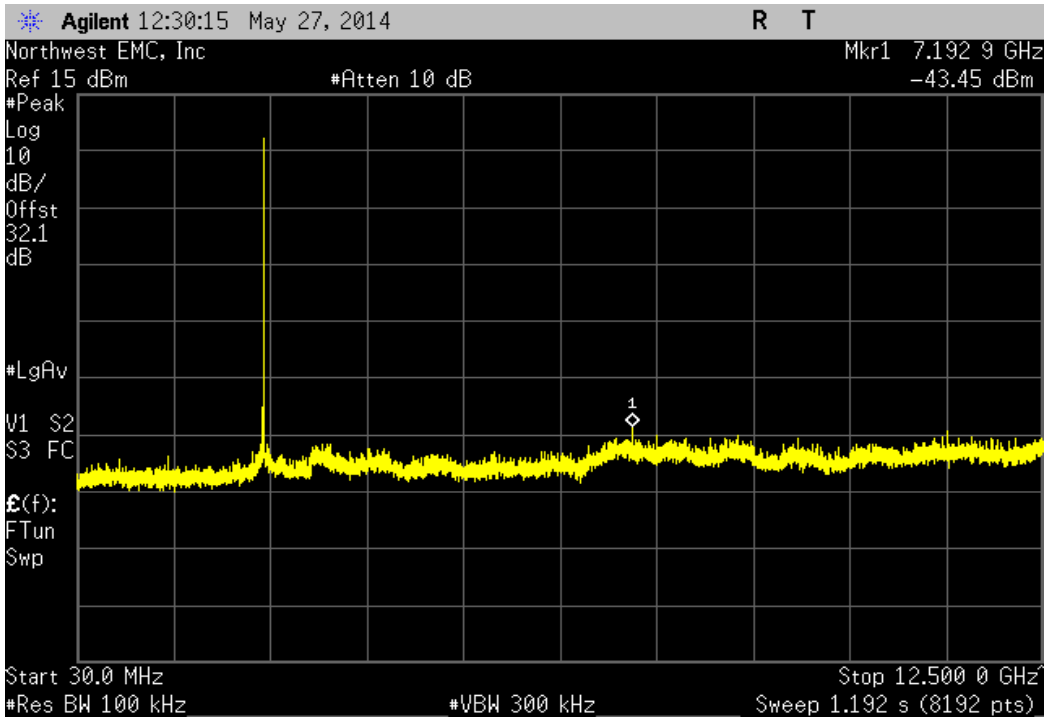
2400 MHz - 2483.5 MHz Band, 5MHz Bandwidth , 802.11(g) 36 Mbps, Low Channel 2406 MHz			
Frequency Range	Value	Limit	Result
12.5 GHz - 25 GHz	-47.62 dBc	≤ -20 dBc	Pass



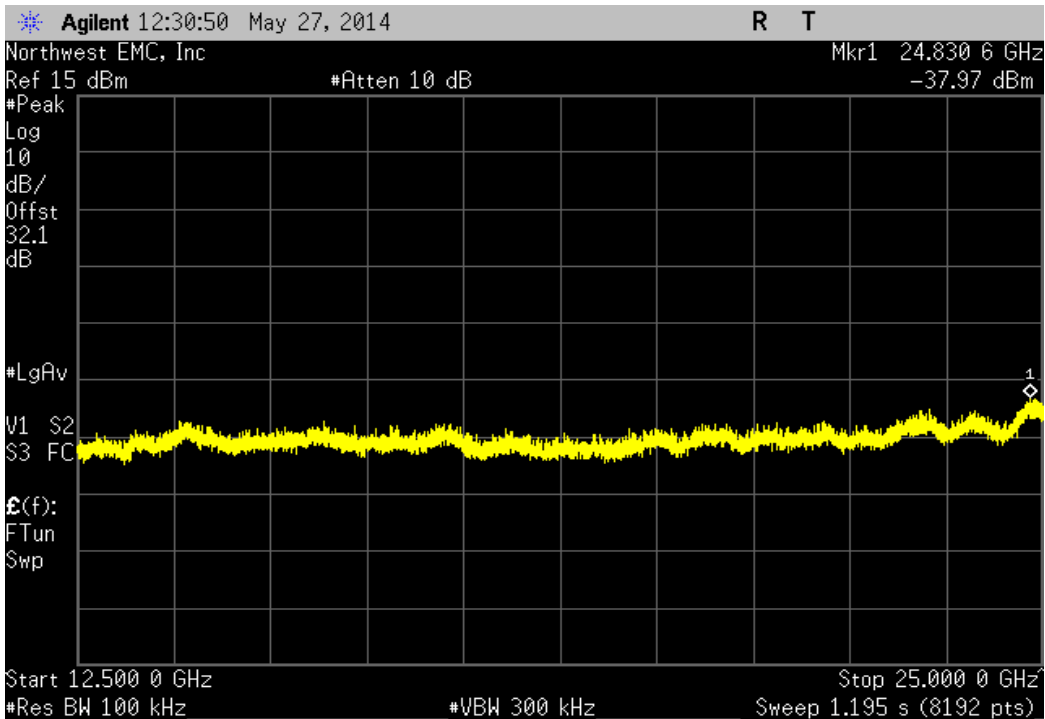
2400 MHz - 2483.5 MHz Band, 5MHz Bandwidth , 802.11(g) 36 Mbps, Mid Channel 2436 MHz			
Frequency Range	Value	Limit	Result
Fundamental	N/A	N/A	N/A



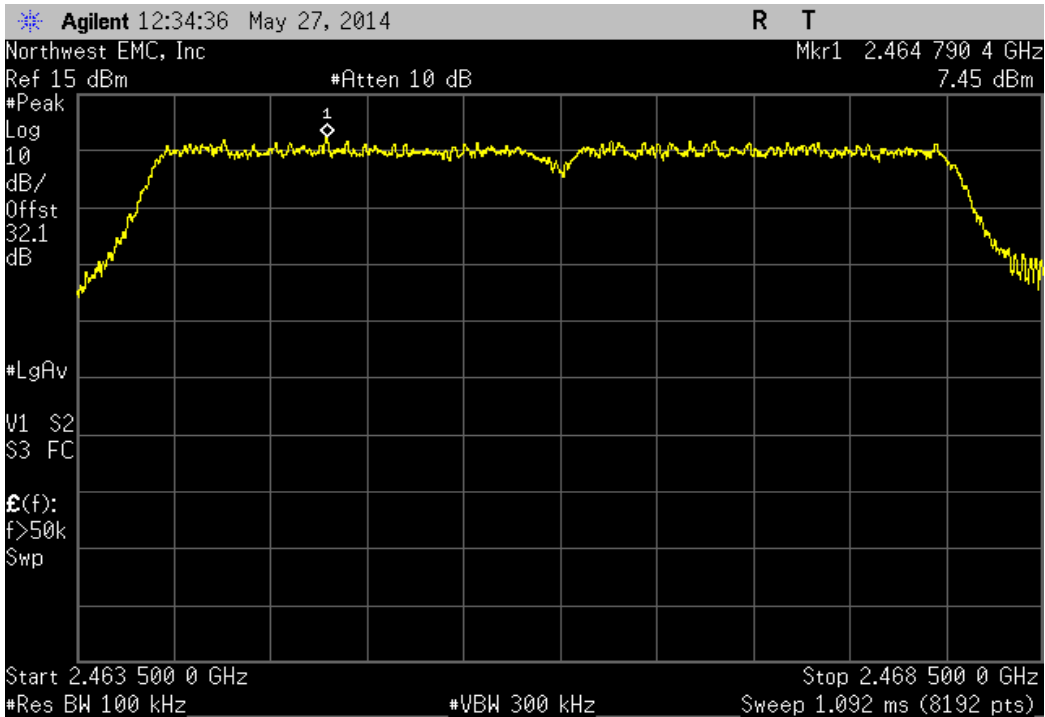
2400 MHz - 2483.5 MHz Band, 5MHz Bandwidth , 802.11(g) 36 Mbps, Mid Channel 2436 MHz			
Frequency Range	Value	Limit	Result
30 MHz - 12.5 GHz	-51.34 dBc	≤ -20 dBc	Pass



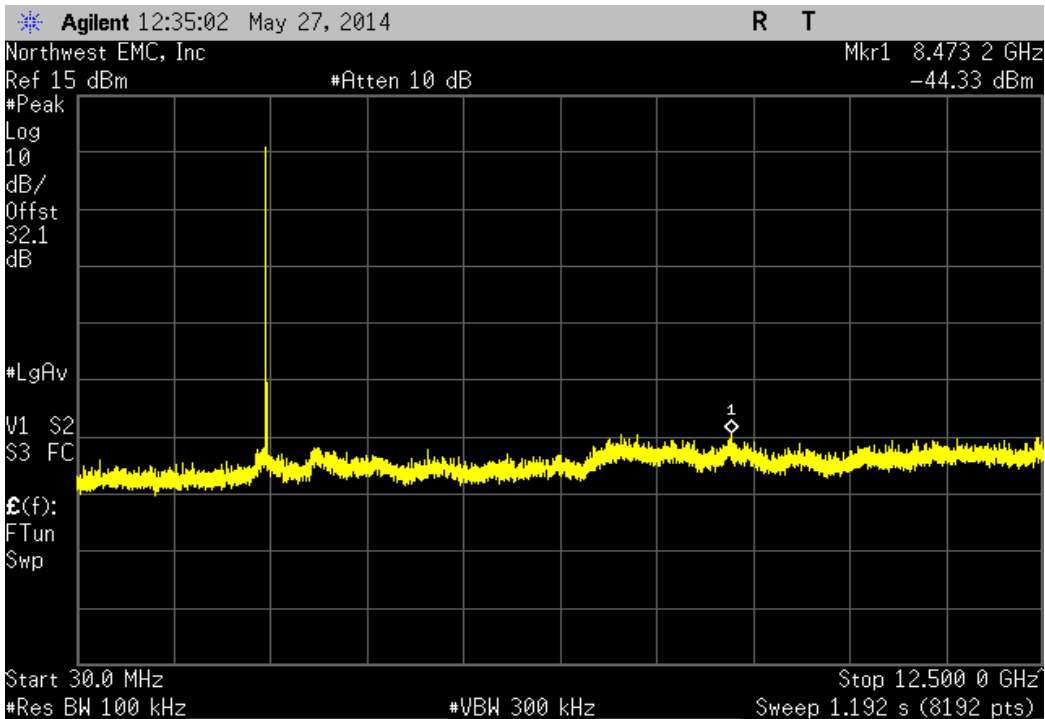
2400 MHz - 2483.5 MHz Band, 5MHz Bandwidth , 802.11(g) 36 Mbps, Mid Channel 2436 MHz			
Frequency Range	Value	Limit	Result
12.5 GHz - 25 GHz	-45.86 dBc	≤ -20 dBc	Pass



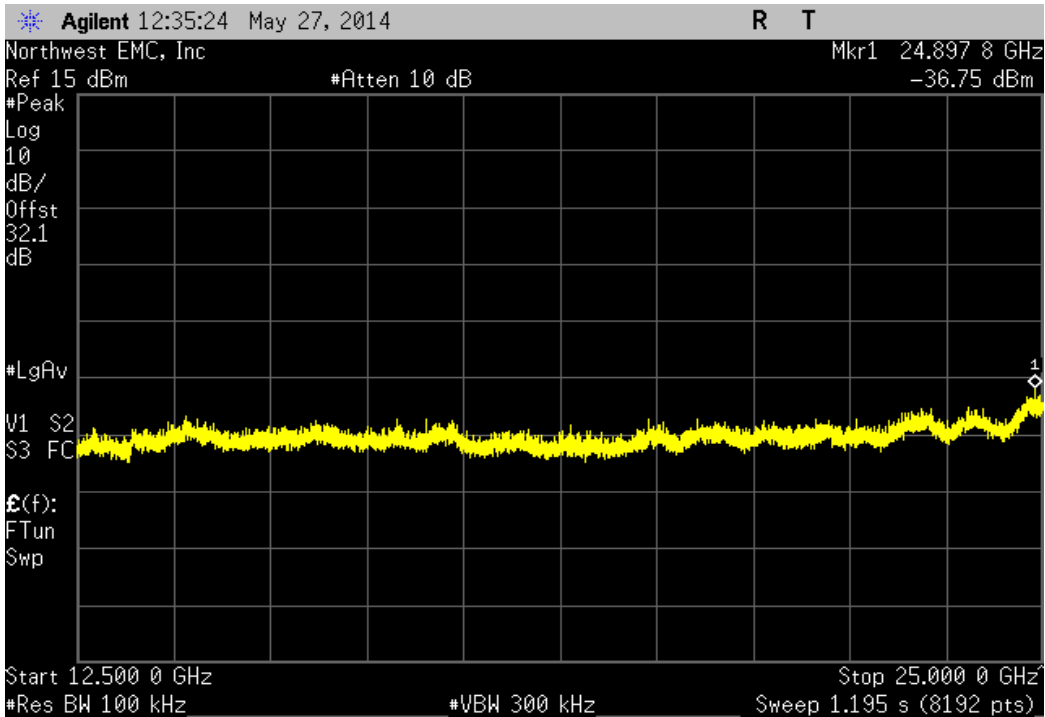
2400 MHz - 2483.5 MHz Band, 5MHz Bandwidth , 802.11(g) 36 Mbps, High Channel 2466 MHz				
Frequency Range		Value	Limit	Result
Fundamental		N/A	N/A	N/A



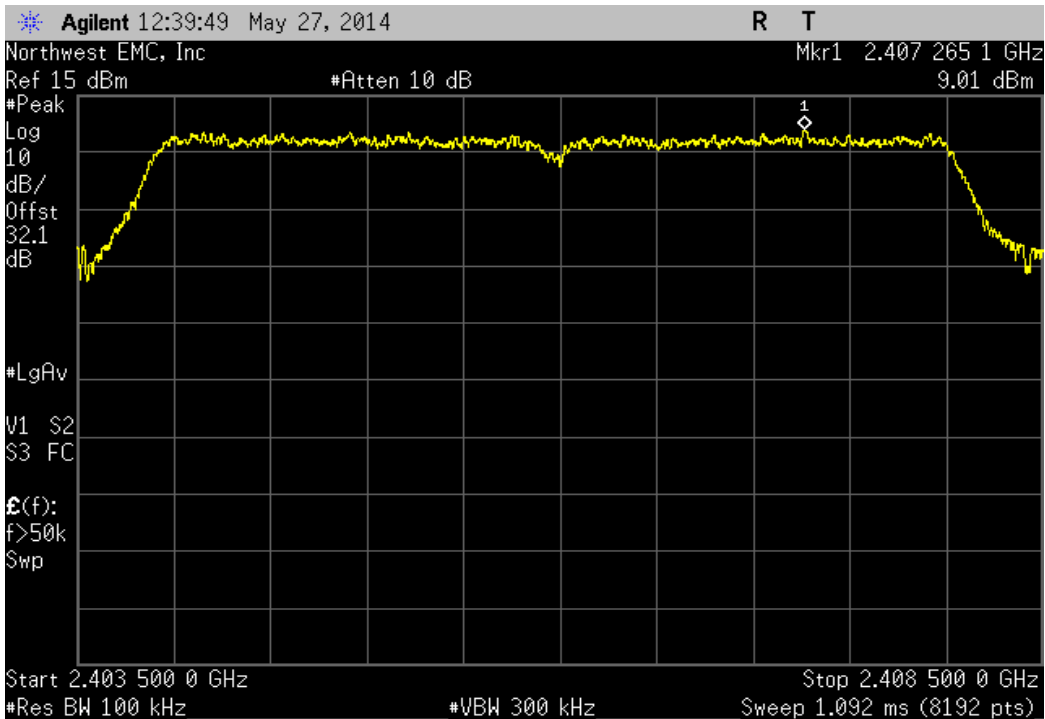
2400 MHz - 2483.5 MHz Band, 5MHz Bandwidth , 802.11(g) 36 Mbps, High Channel 2466 MHz				
Frequency Range		Value	Limit	Result
30 MHz - 12.5 GHz		-51.78 dBc	≤ -20 dBc	Pass



2400 MHz - 2483.5 MHz Band, 5MHz Bandwidth , 802.11(g) 36 Mbps, High Channel 2466 MHz			
Frequency Range	Value	Limit	Result
12.5 GHz - 25 GHz	-44.2 dBc	≤ -20 dBc	Pass

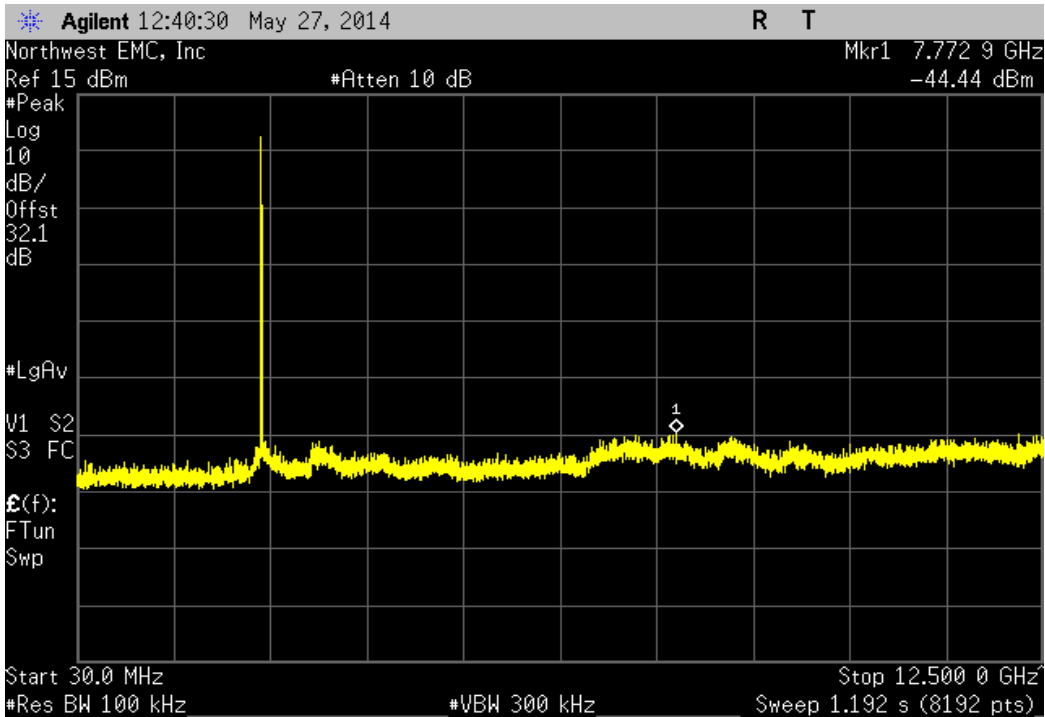


2400 MHz - 2483.5 MHz Band, 5MHz Bandwidth , 802.11(g) 54 Mbps, Low Channel 2406 MHz			
Frequency Range	Value	Limit	Result
Fundamental	N/A	N/A	N/A



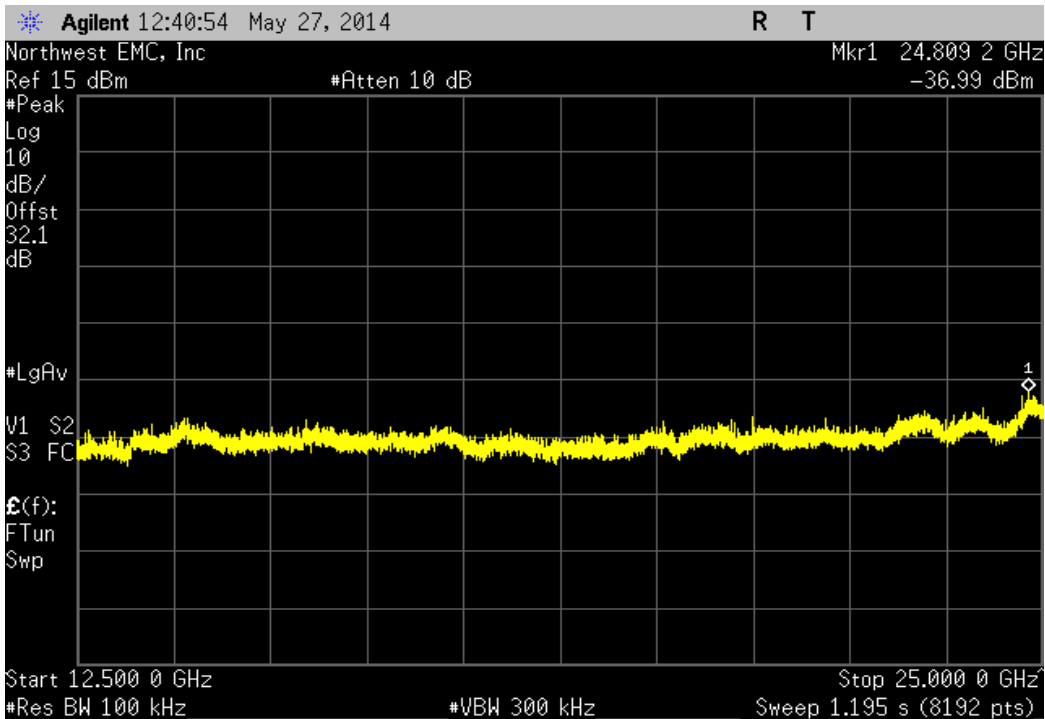
2400 MHz - 2483.5 MHz Band, 5MHz Bandwidth , 802.11(g) 54 Mbps, Low Channel 2406 MHz

Frequency Range	Value	Limit	Result
30 MHz - 12.5 GHz	-53.45 dBc	≤ -20 dBc	Pass

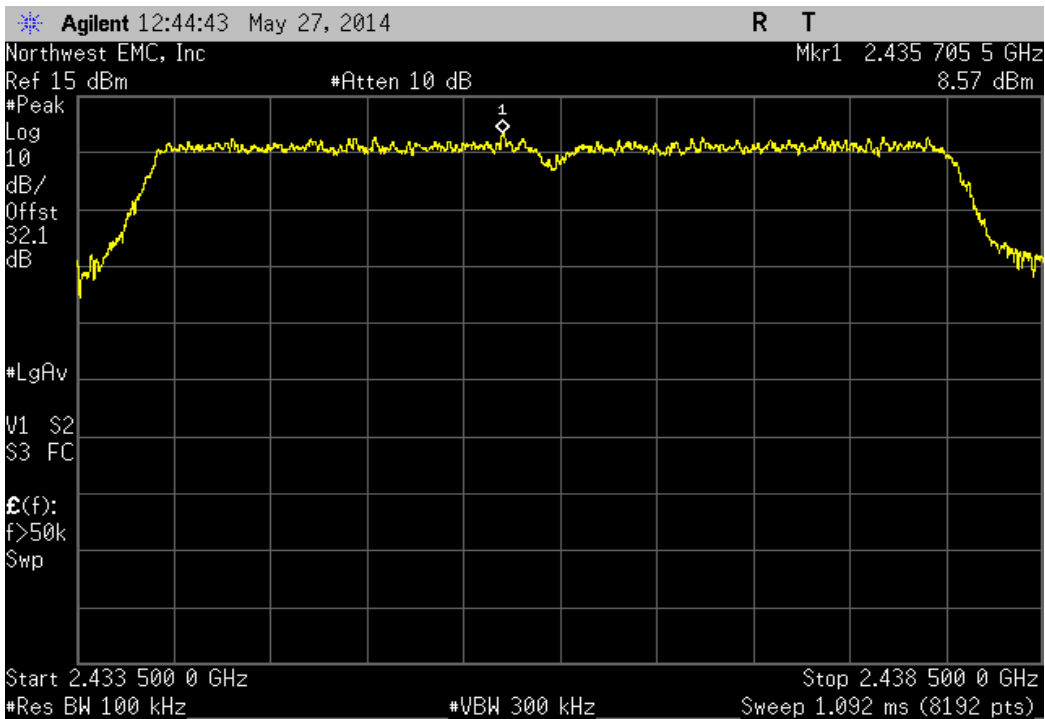


2400 MHz - 2483.5 MHz Band, 5MHz Bandwidth , 802.11(g) 54 Mbps, Low Channel 2406 MHz

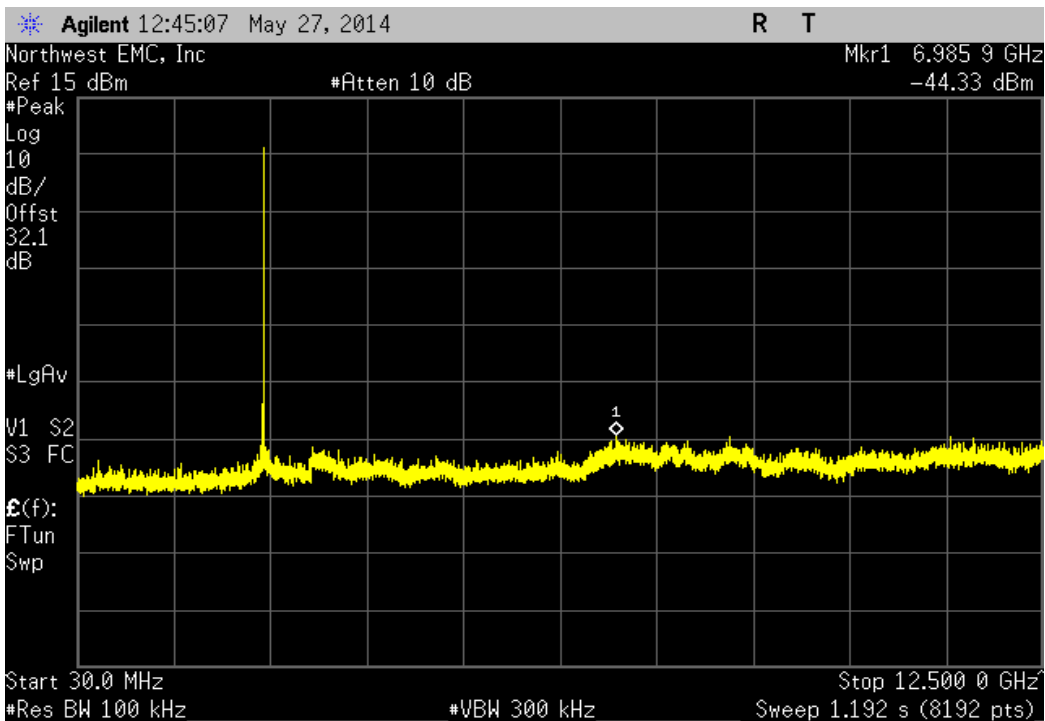
Frequency Range	Value	Limit	Result
12.5 GHz - 25 GHz	-46 dBc	≤ -20 dBc	Pass



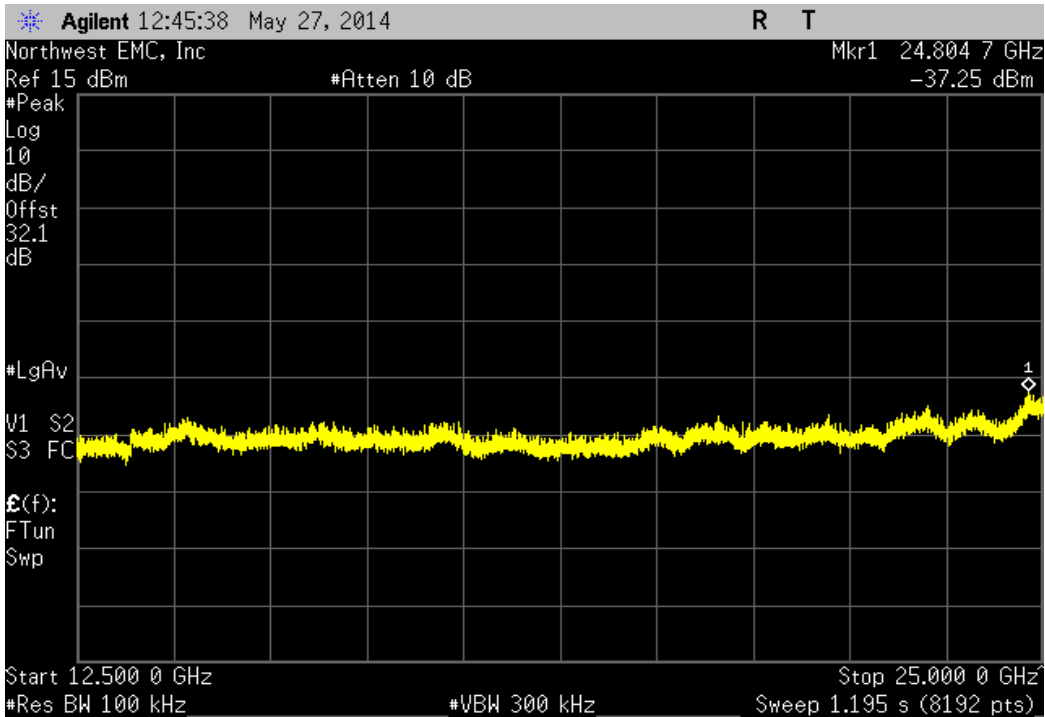
2400 MHz - 2483.5 MHz Band, 5MHz Bandwidth , 802.11(g) 54 Mbps, Mid Channel 2436 MHz				
Frequency Range		Value	Limit	Result
Fundamental		N/A	N/A	N/A



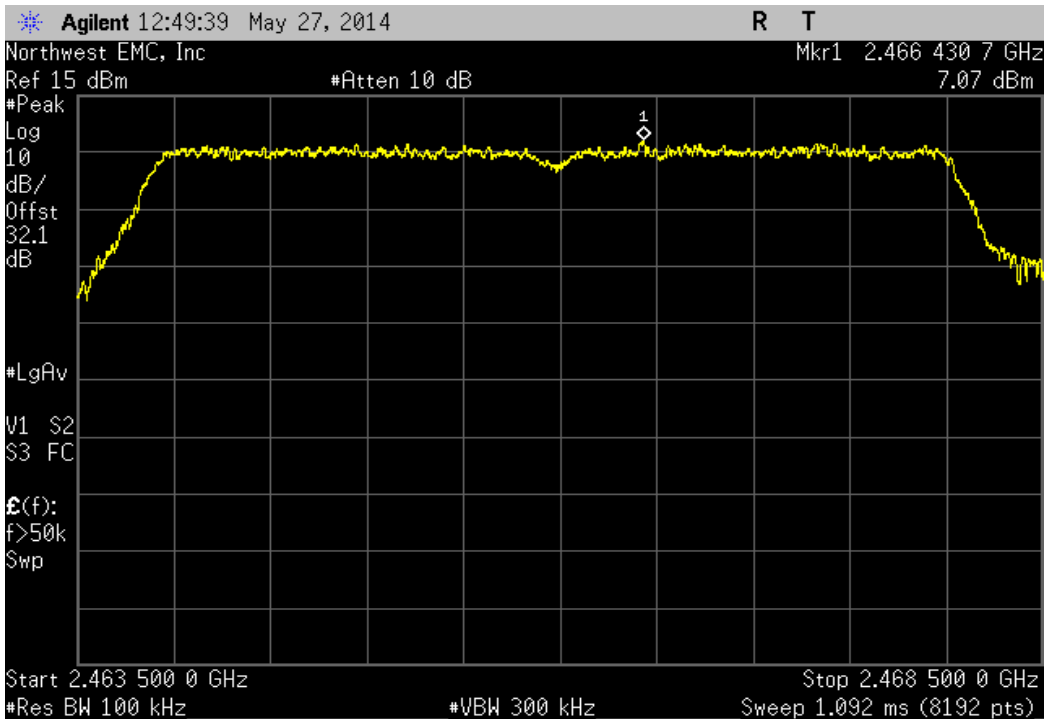
2400 MHz - 2483.5 MHz Band, 5MHz Bandwidth , 802.11(g) 54 Mbps, Mid Channel 2436 MHz				
Frequency Range		Value	Limit	Result
30 MHz - 12.5 GHz		-52.9 dBc	≤ -20 dBc	Pass



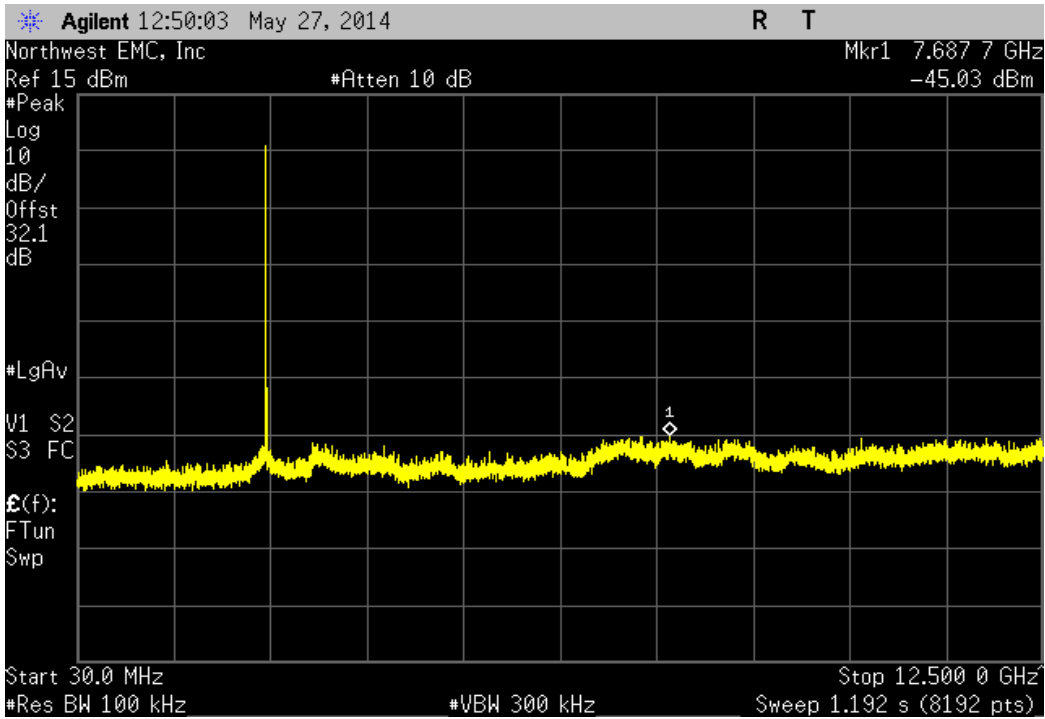
2400 MHz - 2483.5 MHz Band, 5MHz Bandwidth , 802.11(g) 54 Mbps, Mid Channel 2436 MHz			
Frequency Range	Value	Limit	Result
12.5 GHz - 25 GHz	-45.82 dBc	≤ -20 dBc	Pass



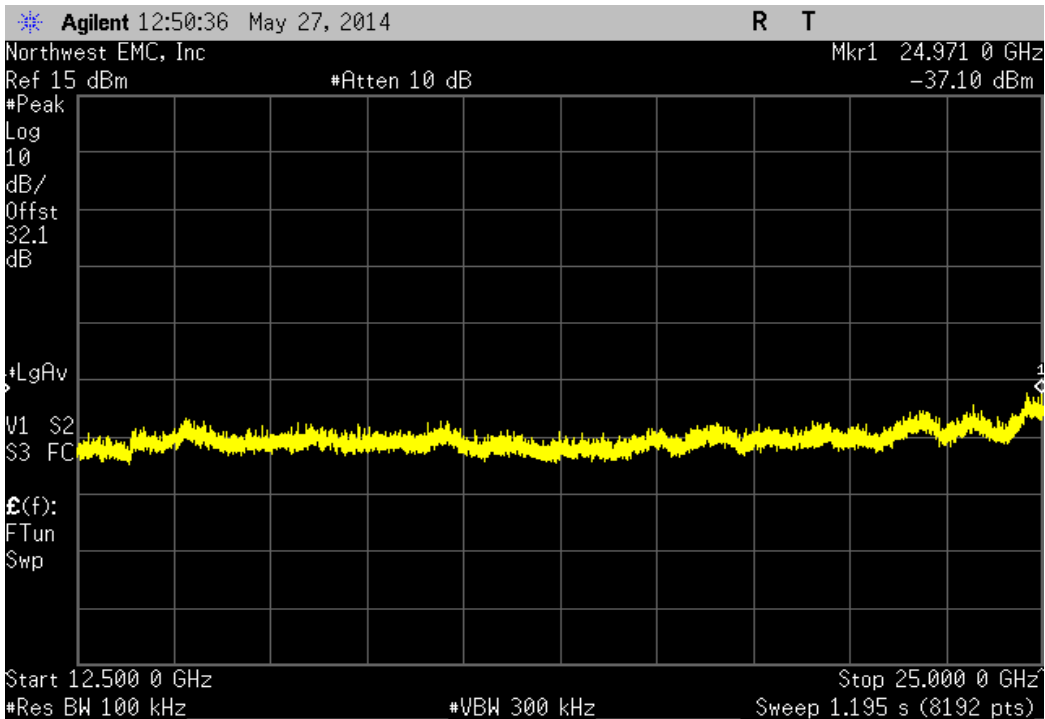
2400 MHz - 2483.5 MHz Band, 5MHz Bandwidth , 802.11(g) 54 Mbps, High Channel 2466 MHz			
Frequency Range	Value	Limit	Result
Fundamental	N/A	N/A	N/A



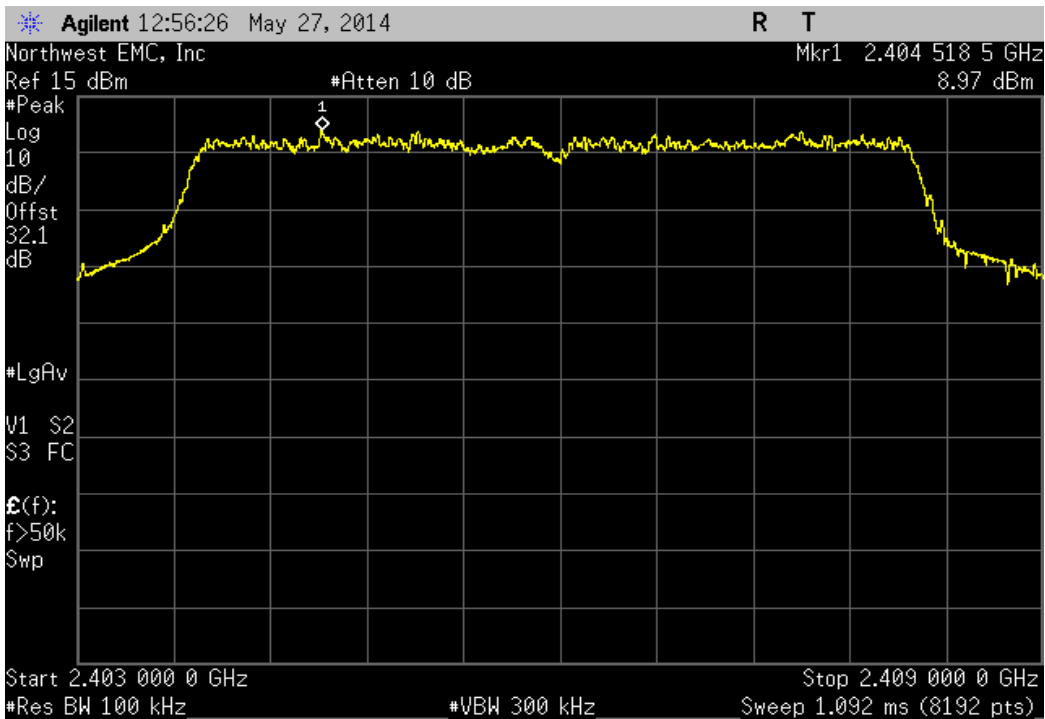
2400 MHz - 2483.5 MHz Band, 5MHz Bandwidth , 802.11(g) 54 Mbps, High Channel 2466 MHz			
Frequency Range	Value	Limit	Result
30 MHz - 12.5 GHz	-52.1 dBc	≤ -20 dBc	Pass



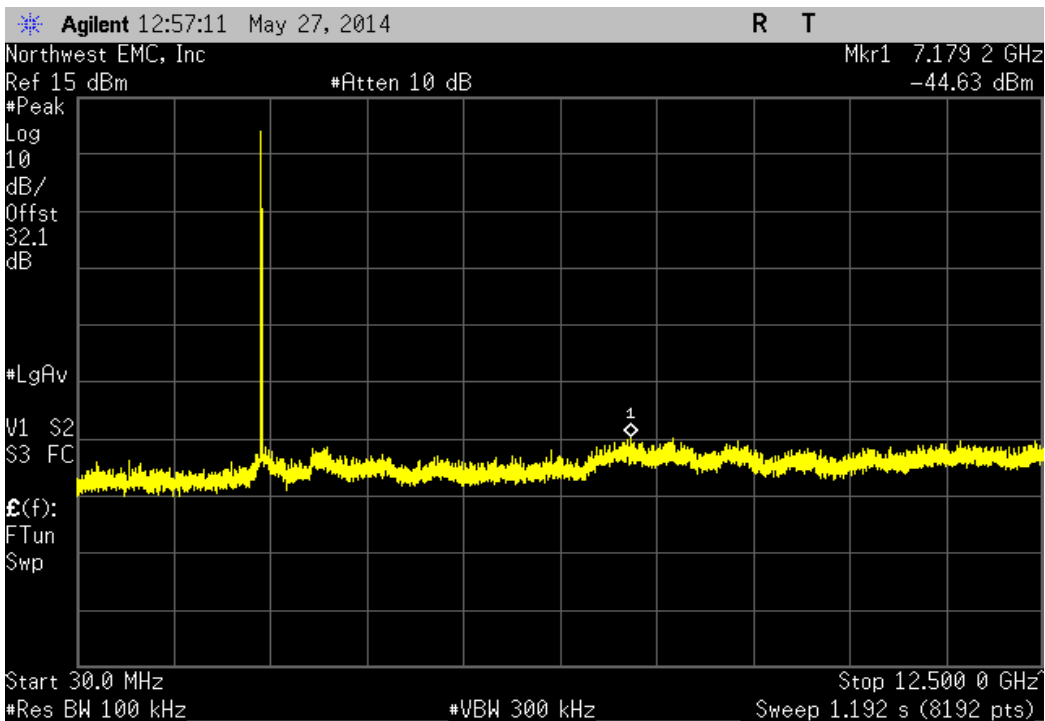
2400 MHz - 2483.5 MHz Band, 5MHz Bandwidth , 802.11(g) 54 Mbps, High Channel 2466 MHz			
Frequency Range	Value	Limit	Result
12.5 GHz - 25 GHz	-44.17 dBc	≤ -20 dBc	Pass



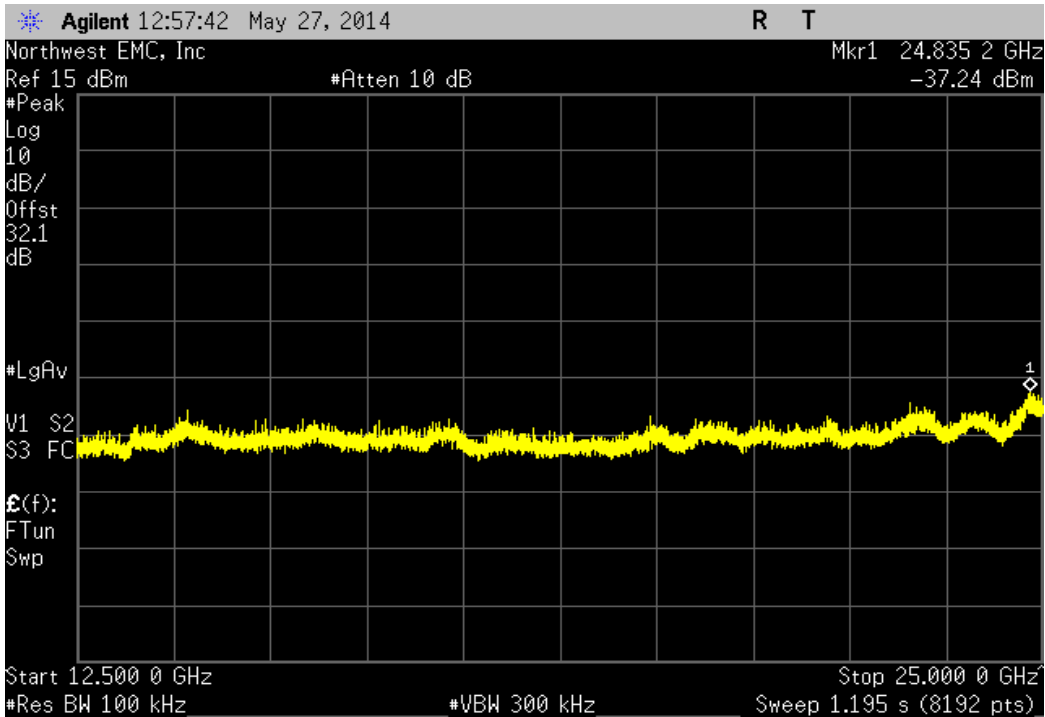
2400 MHz - 2483.5 MHz Band, 5MHz Bandwidth , 802.11(n) MCS0, Low Channel 2406 MHz				
Frequency Range		Value	Limit	Result
Fundamental		N/A	N/A	N/A



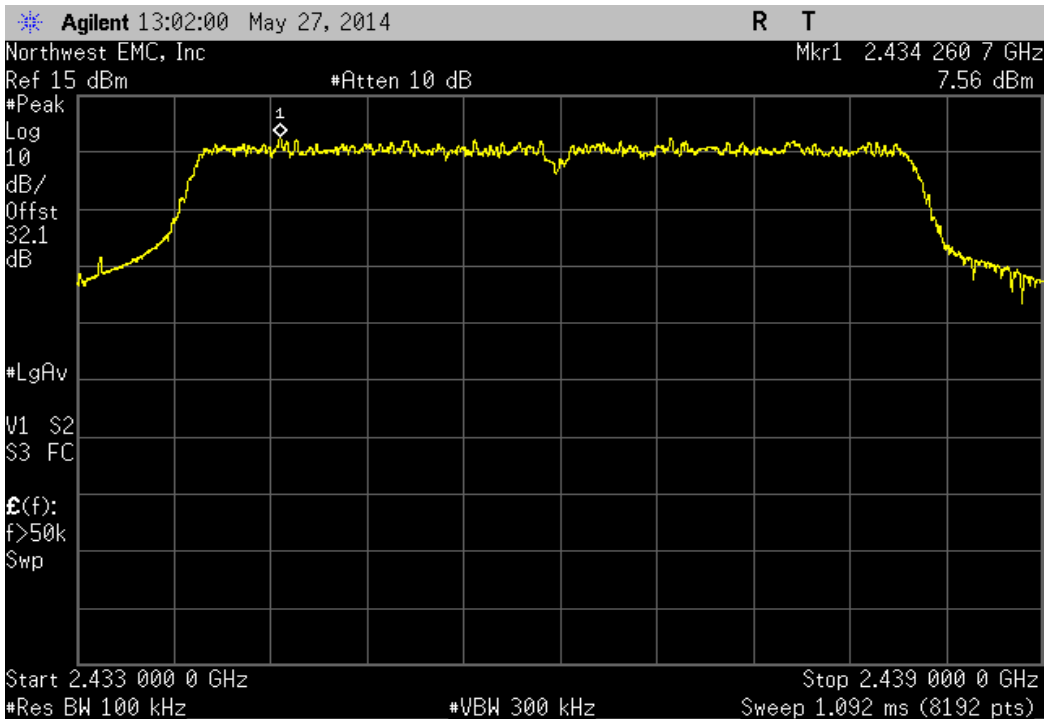
2400 MHz - 2483.5 MHz Band, 5MHz Bandwidth , 802.11(n) MCS0, Low Channel 2406 MHz				
Frequency Range		Value	Limit	Result
30 MHz - 12.5 GHz		-53.6 dBc	≤ -20 dBc	Pass



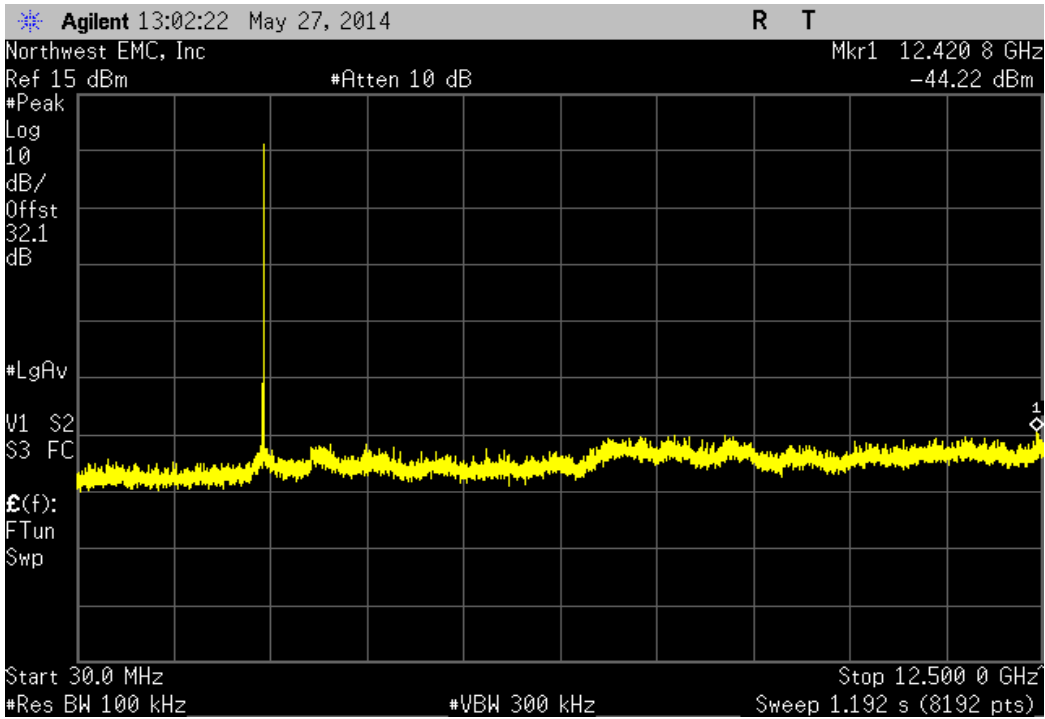
2400 MHz - 2483.5 MHz Band, 5MHz Bandwidth , 802.11(n) MCS0, Low Channel 2406 MHz			
Frequency Range	Value	Limit	Result
12.5 GHz - 25 GHz	-46.21 dBc	≤ -20 dBc	Pass



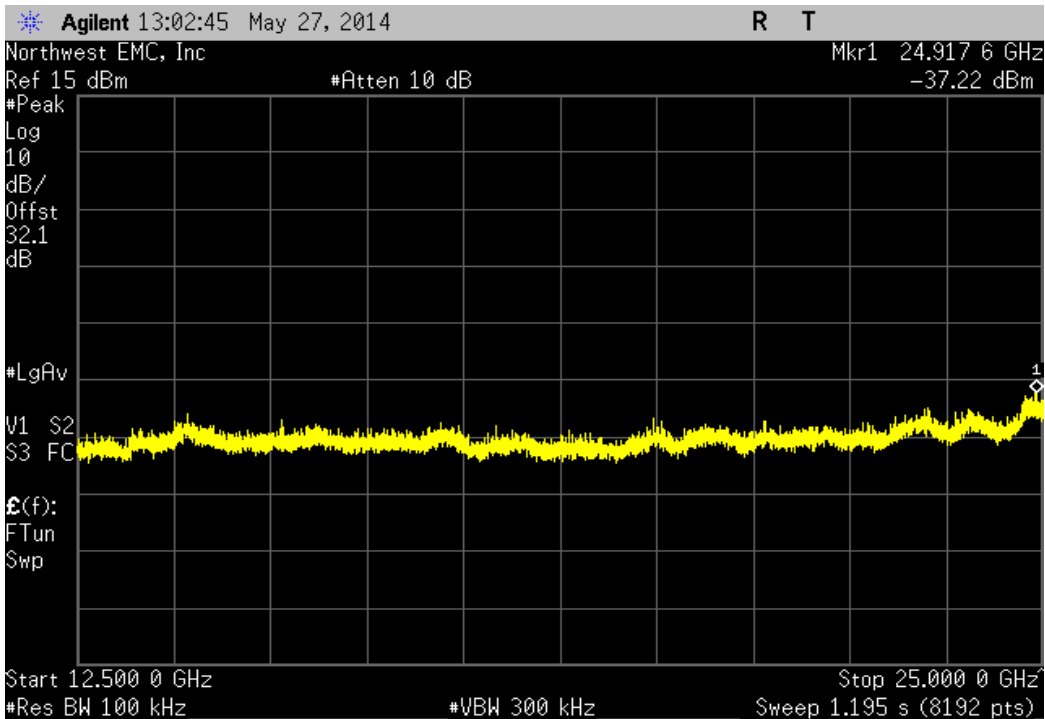
2400 MHz - 2483.5 MHz Band, 5MHz Bandwidth , 802.11(n) MCS0, Mid Channel 2436 MHz			
Frequency Range	Value	Limit	Result
Fundamental	N/A	N/A	N/A



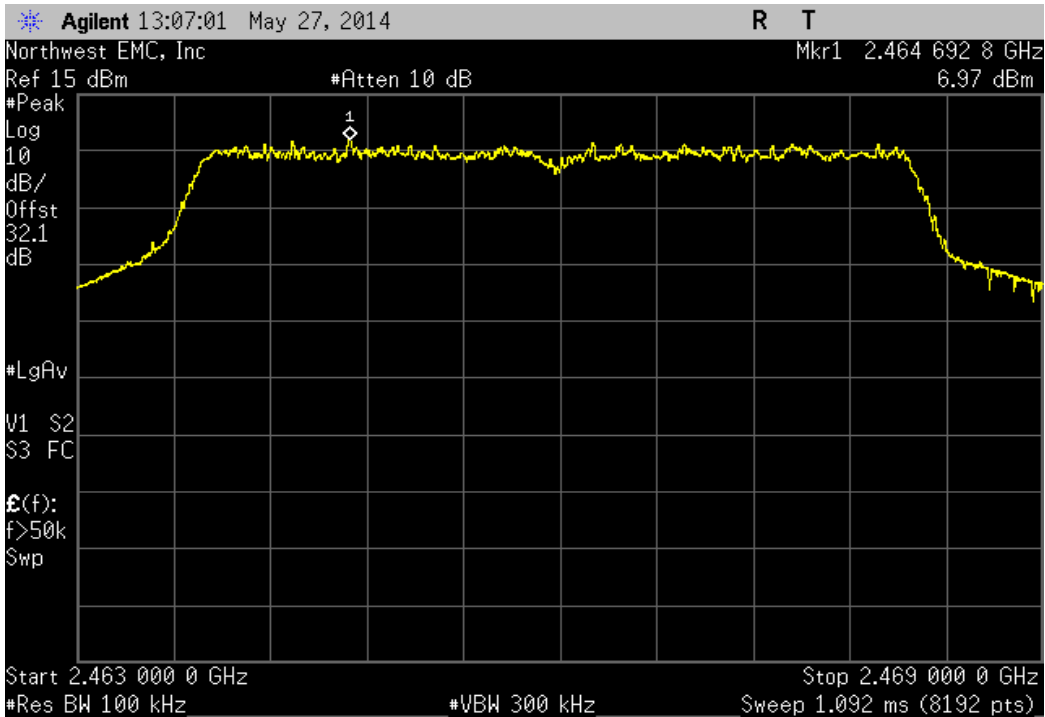
2400 MHz - 2483.5 MHz Band, 5MHz Bandwidth , 802.11(n) MCS0, Mid Channel 2436 MHz			
Frequency Range	Value	Limit	Result
30 MHz - 12.5 GHz	-51.78 dBc	≤ -20 dBc	Pass



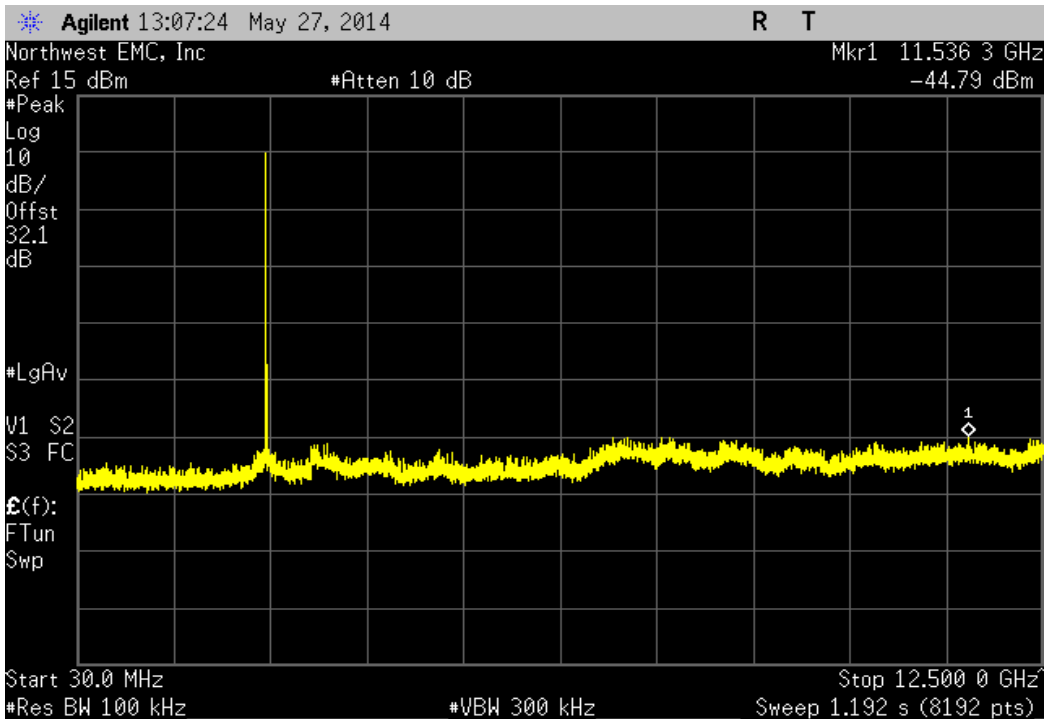
2400 MHz - 2483.5 MHz Band, 5MHz Bandwidth , 802.11(n) MCS0, Mid Channel 2436 MHz			
Frequency Range	Value	Limit	Result
12.5 GHz - 25 GHz	-44.78 dBc	≤ -20 dBc	Pass



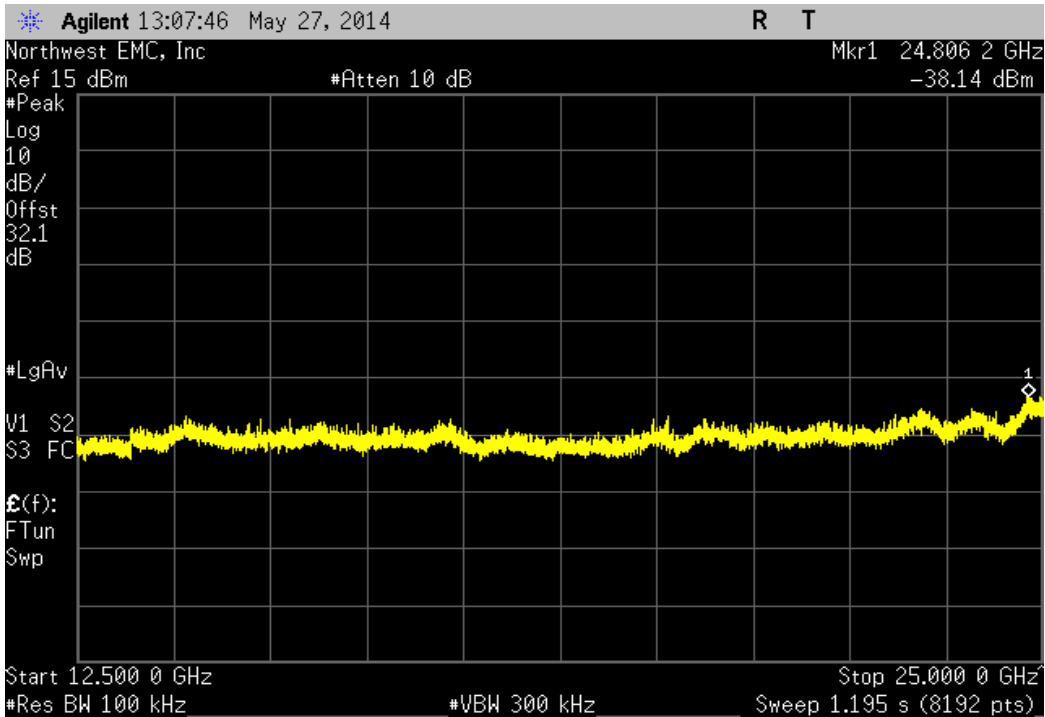
2400 MHz - 2483.5 MHz Band, 5MHz Bandwidth , 802.11(n) MCS0, High Channel 2466 MHz				
Frequency Range		Value	Limit	Result
Fundamental		N/A	N/A	N/A



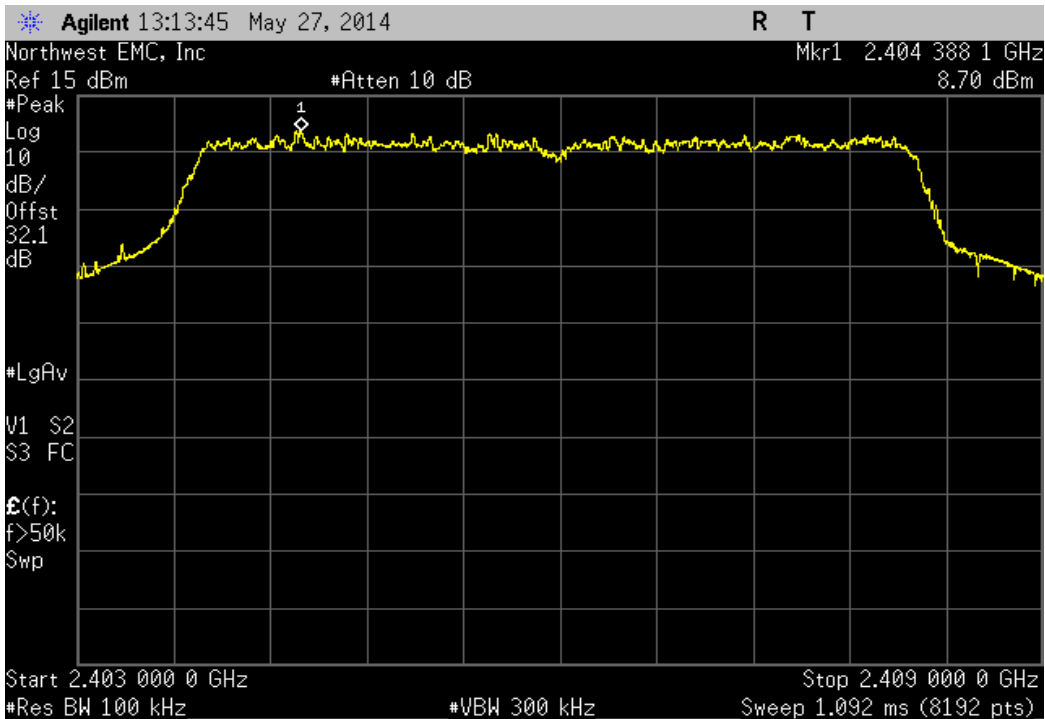
2400 MHz - 2483.5 MHz Band, 5MHz Bandwidth , 802.11(n) MCS0, High Channel 2466 MHz				
Frequency Range		Value	Limit	Result
30 MHz - 12.5 GHz		-51.76 dBc	≤ -20 dBc	Pass



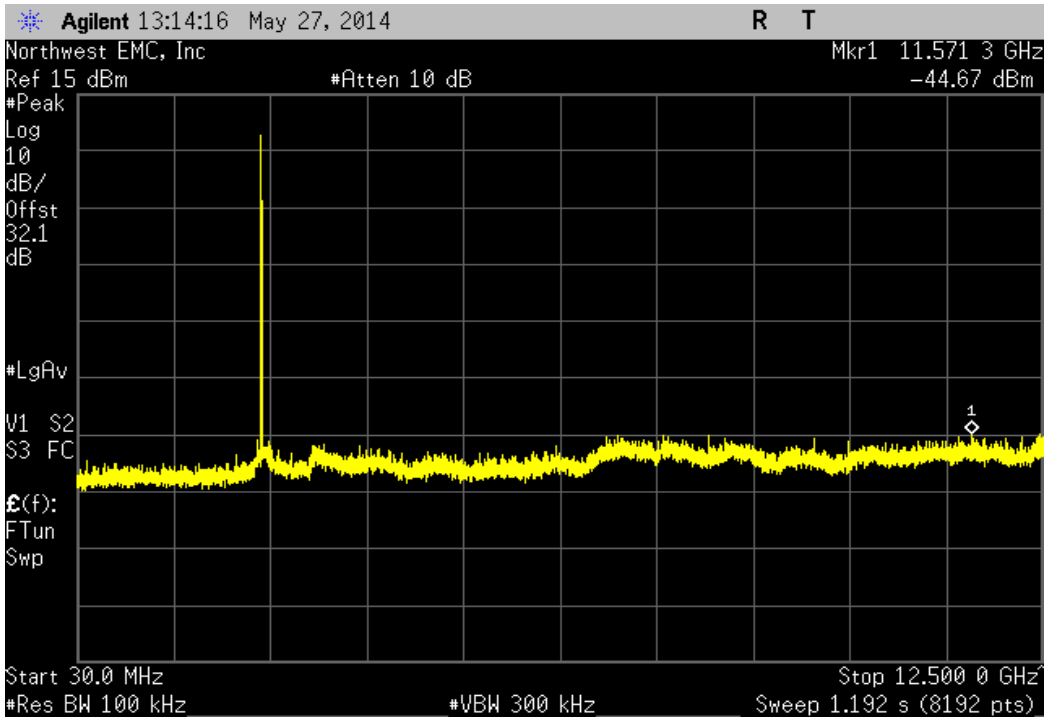
2400 MHz - 2483.5 MHz Band, 5MHz Bandwidth , 802.11(n) MCS0, High Channel 2466 MHz			
Frequency Range	Value	Limit	Result
12.5 GHz - 25 GHz	-45.11 dBc	≤ -20 dBc	Pass



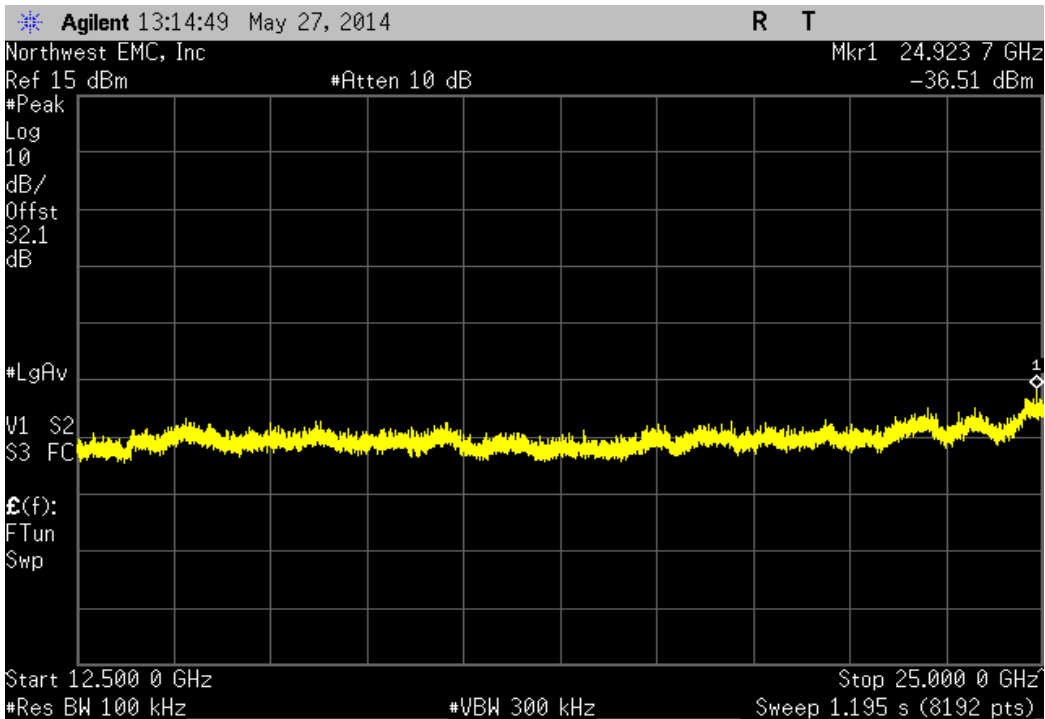
2400 MHz - 2483.5 MHz Band, 5MHz Bandwidth , 802.11(n) MCS7, Low Channel 2406 MHz			
Frequency Range	Value	Limit	Result
Fundamental	N/A	N/A	N/A



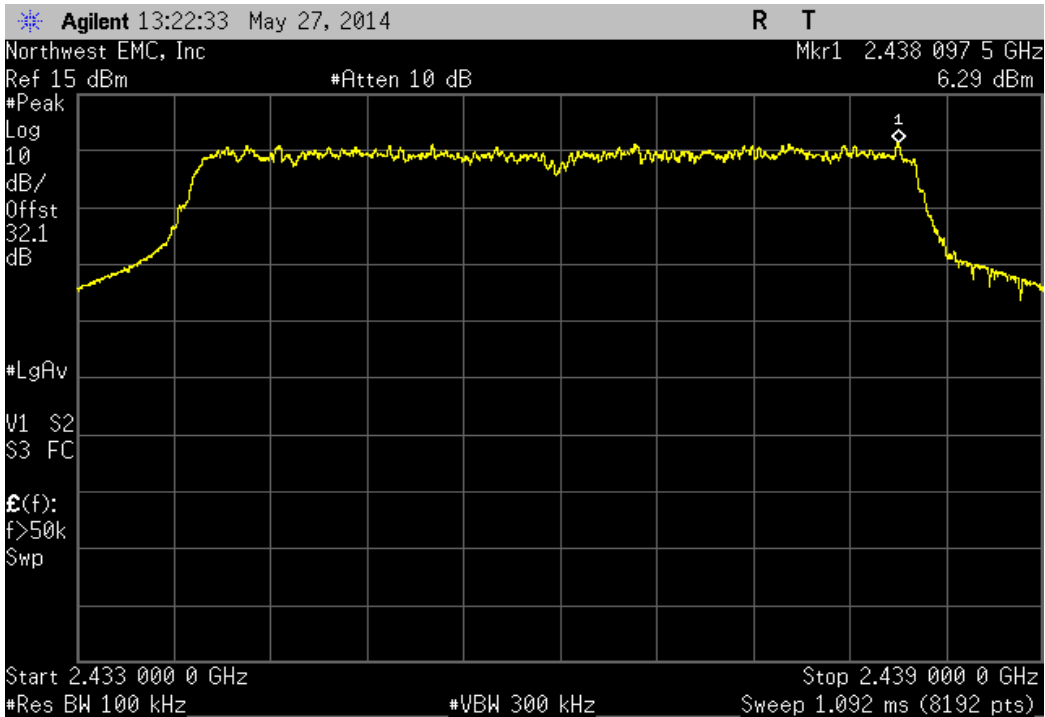
2400 MHz - 2483.5 MHz Band, 5MHz Bandwidth , 802.11(n) MCS7, Low Channel 2406 MHz			
Frequency Range	Value	Limit	Result
30 MHz - 12.5 GHz	-53.37 dBc	≤ -20 dBc	Pass



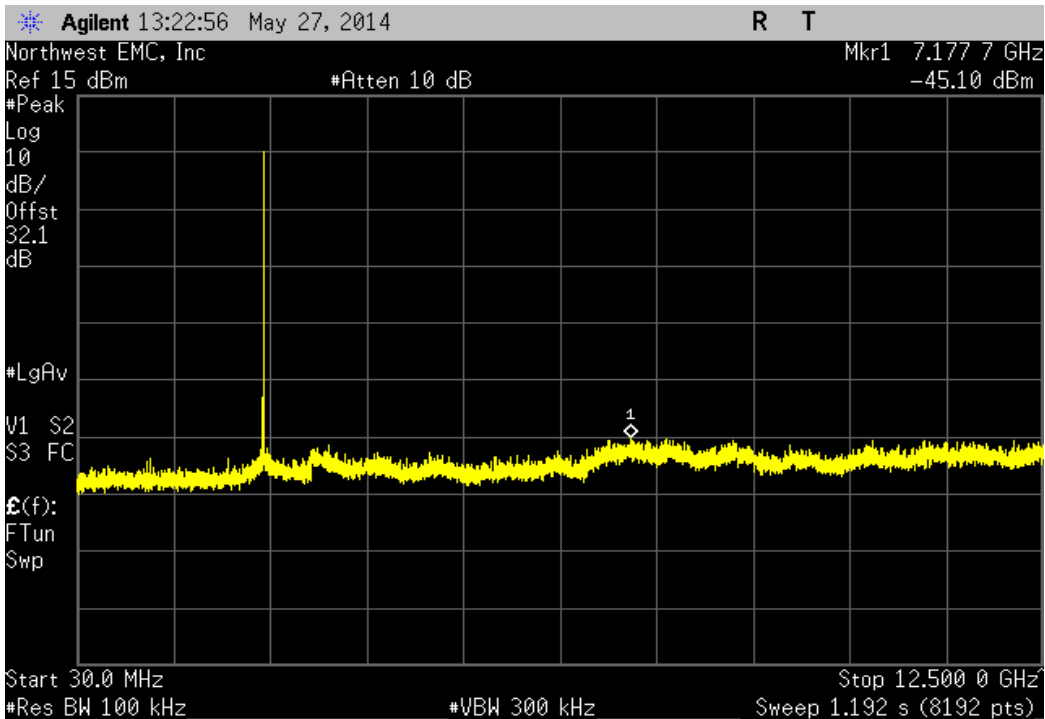
2400 MHz - 2483.5 MHz Band, 5MHz Bandwidth , 802.11(n) MCS7, Low Channel 2406 MHz			
Frequency Range	Value	Limit	Result
12.5 GHz - 25 GHz	-45.21 dBc	≤ -20 dBc	Pass



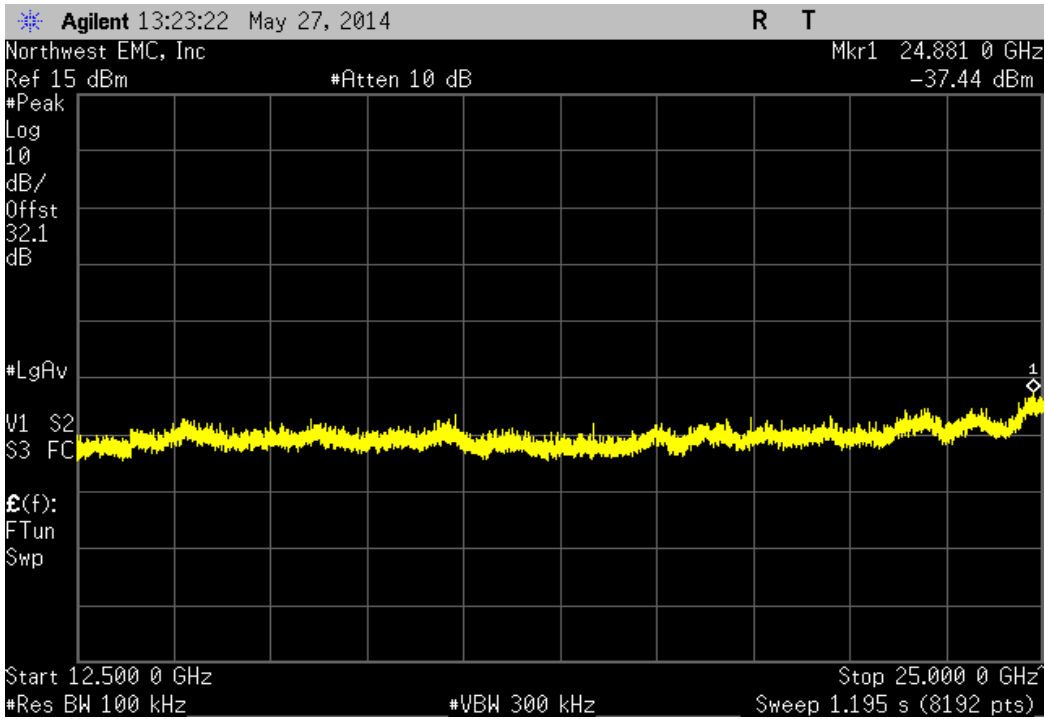
2400 MHz - 2483.5 MHz Band, 5MHz Bandwidth , 802.11(n) MCS7, Mid Channel 2436 MHz				
Frequency Range		Value	Limit	Result
Fundamental		N/A	N/A	N/A



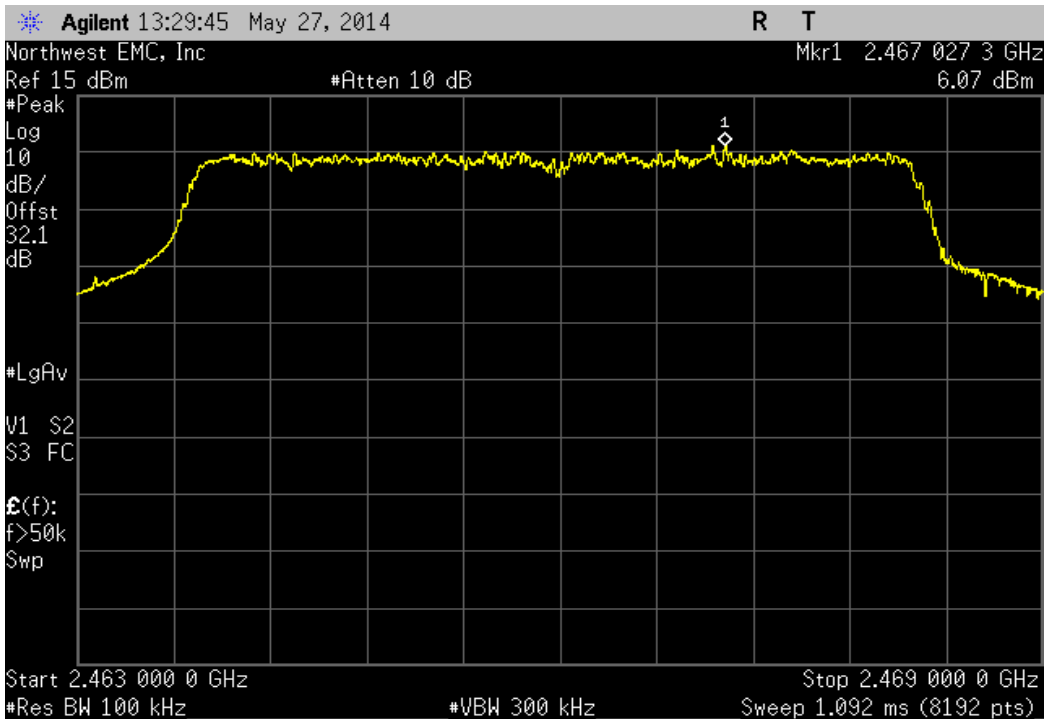
2400 MHz - 2483.5 MHz Band, 5MHz Bandwidth , 802.11(n) MCS7, Mid Channel 2436 MHz				
Frequency Range		Value	Limit	Result
30 MHz - 12.5 GHz		-51.39 dBc	≤ -20 dBc	Pass



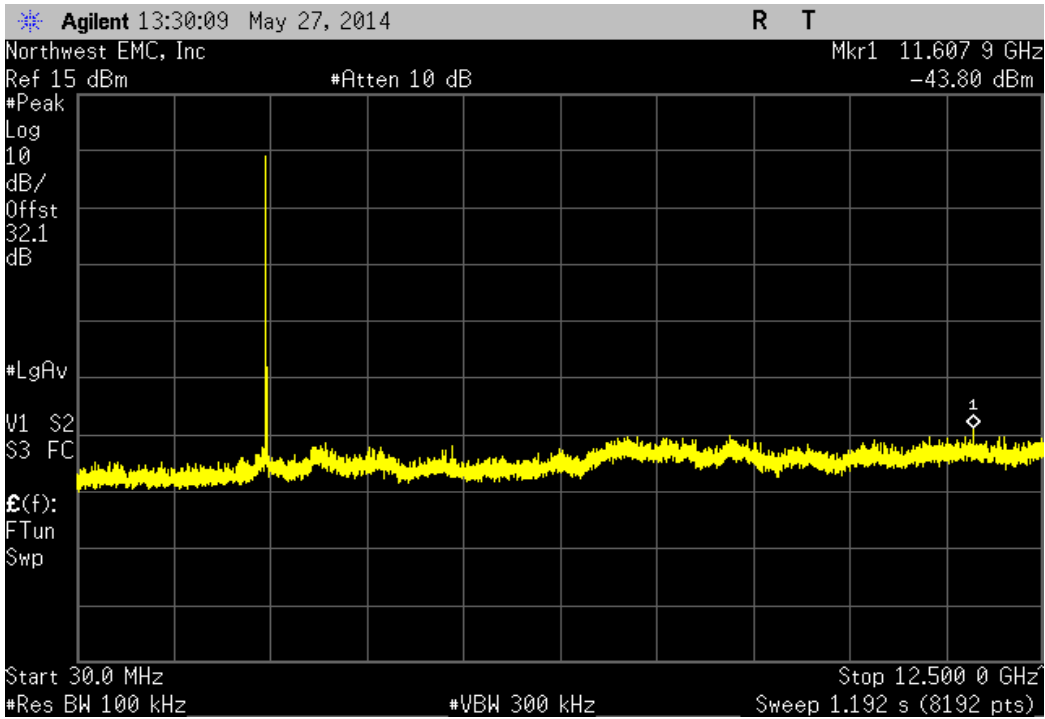
2400 MHz - 2483.5 MHz Band, 5MHz Bandwidth , 802.11(n) MCS7, Mid Channel 2436 MHz			
Frequency Range	Value	Limit	Result
12.5 GHz - 25 GHz	-43.73 dBc	≤ -20 dBc	Pass



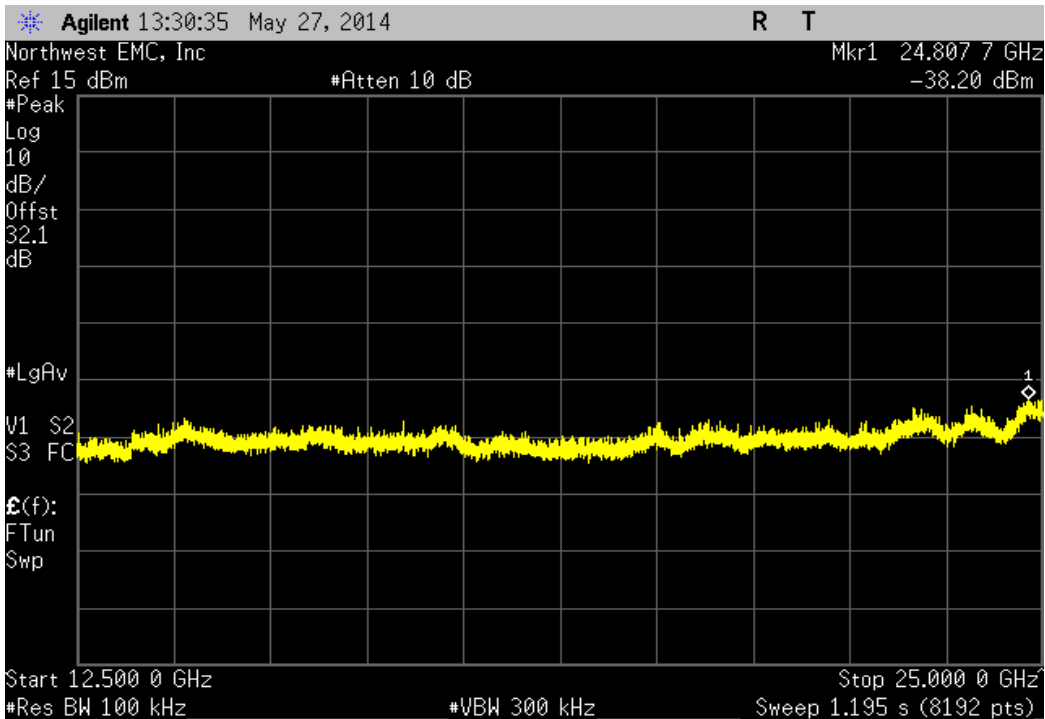
2400 MHz - 2483.5 MHz Band, 5MHz Bandwidth , 802.11(n) MCS7, High Channel 2466 MHz			
Frequency Range	Value	Limit	Result
Fundamental	N/A	N/A	N/A



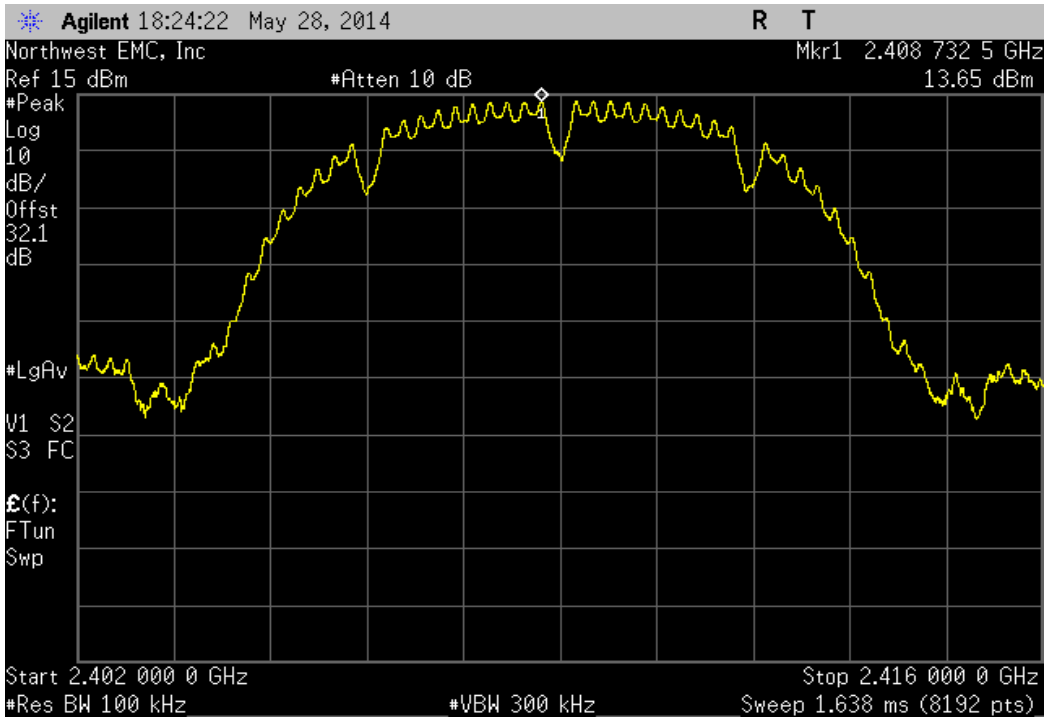
2400 MHz - 2483.5 MHz Band, 5MHz Bandwidth , 802.11(n) MCS7, High Channel 2466 MHz			
Frequency Range	Value	Limit	Result
30 MHz - 12.5 GHz	-49.88 dBc	≤ -20 dBc	Pass



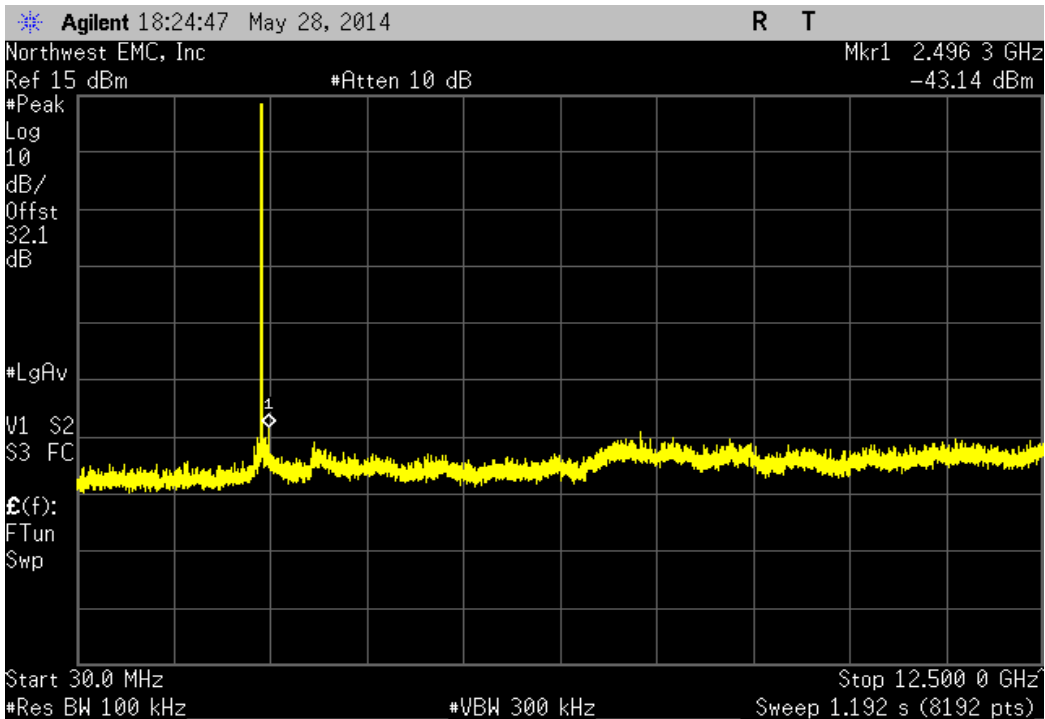
2400 MHz - 2483.5 MHz Band, 5MHz Bandwidth , 802.11(n) MCS7, High Channel 2466 MHz			
Frequency Range	Value	Limit	Result
12.5 GHz - 25 GHz	-44.28 dBc	≤ -20 dBc	Pass



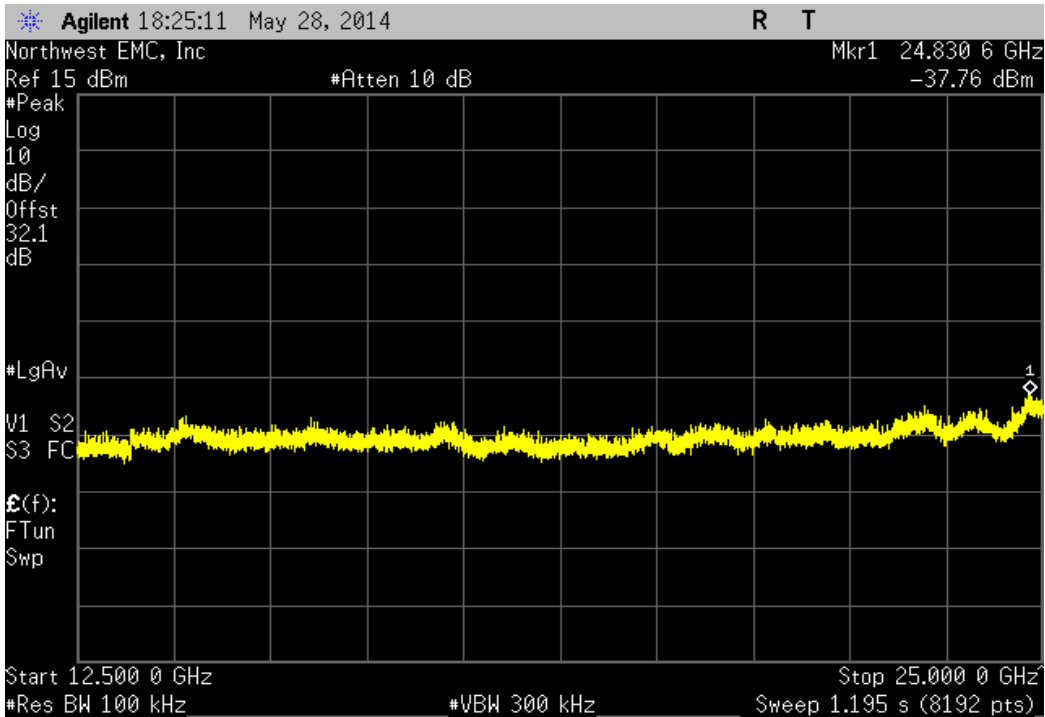
2400 MHz - 2483.5 MHz Band, 10MHz Bandwidth , 802.11(b) 1 Mbps, Low Channel 2409 MHz				
Frequency Range		Value	Limit	Result
Fundamental		N/A	N/A	N/A



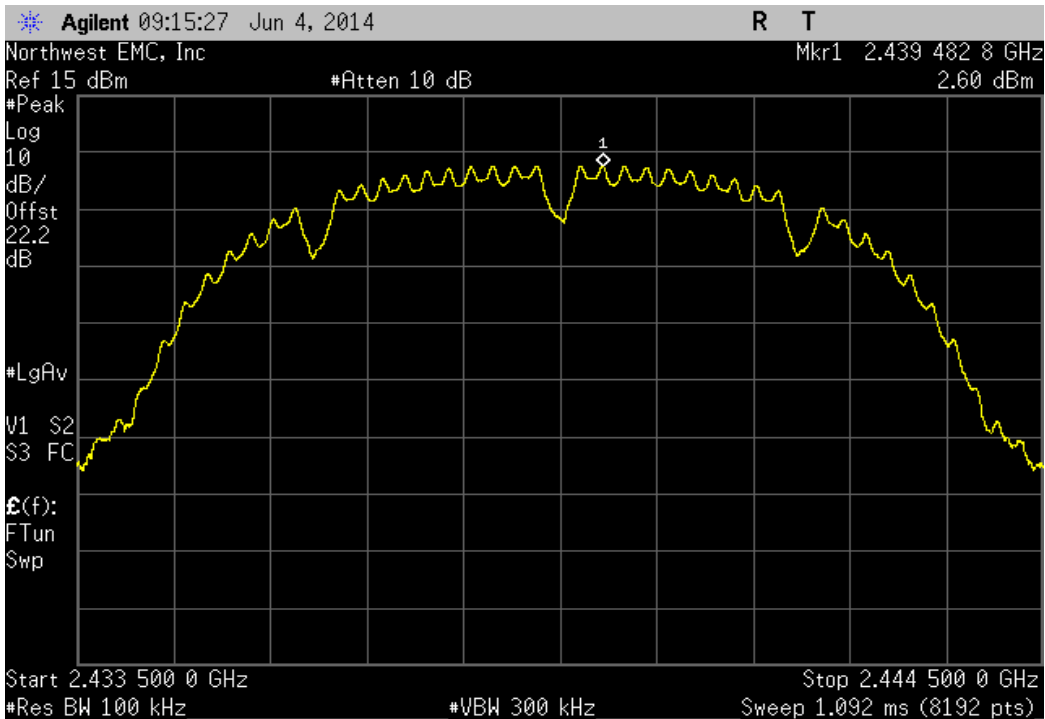
2400 MHz - 2483.5 MHz Band, 10MHz Bandwidth , 802.11(b) 1 Mbps, Low Channel 2409 MHz				
Frequency Range		Value	Limit	Result
30 MHz - 12.5 GHz		-56.79 dBc	≤ -20 dBc	Pass



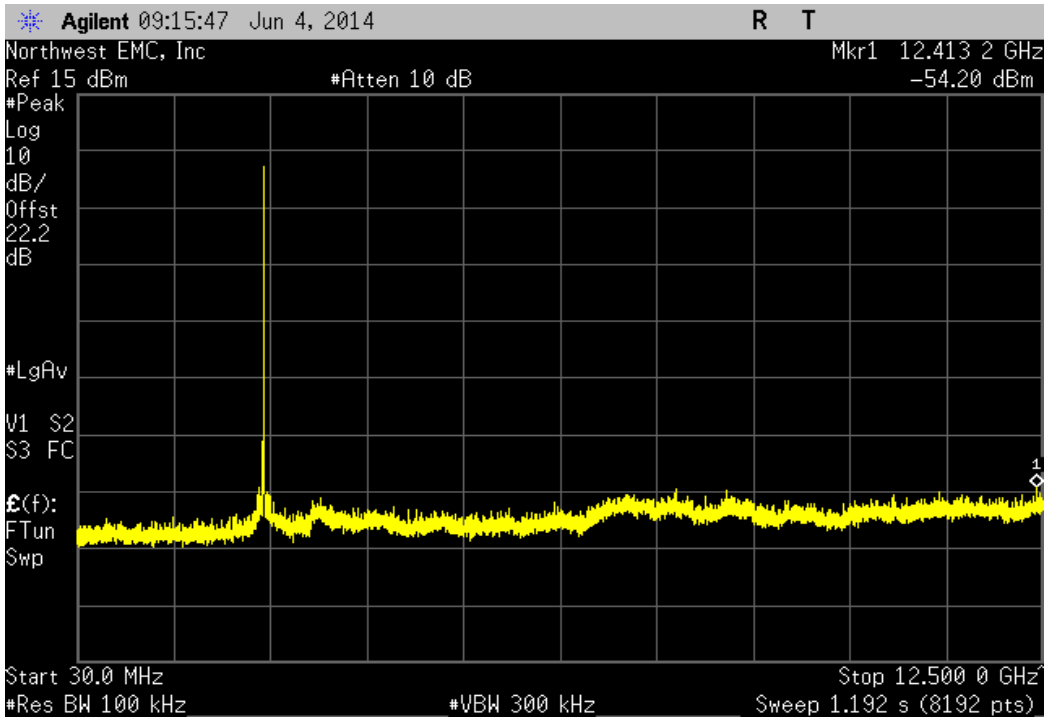
2400 MHz - 2483.5 MHz Band, 10MHz Bandwidth , 802.11(b) 1 Mbps, Low Channel 2409 MHz			
Frequency Range	Value	Limit	Result
12.5 GHz - 25 GHz	-51.41 dBc	≤ -20 dBc	Pass



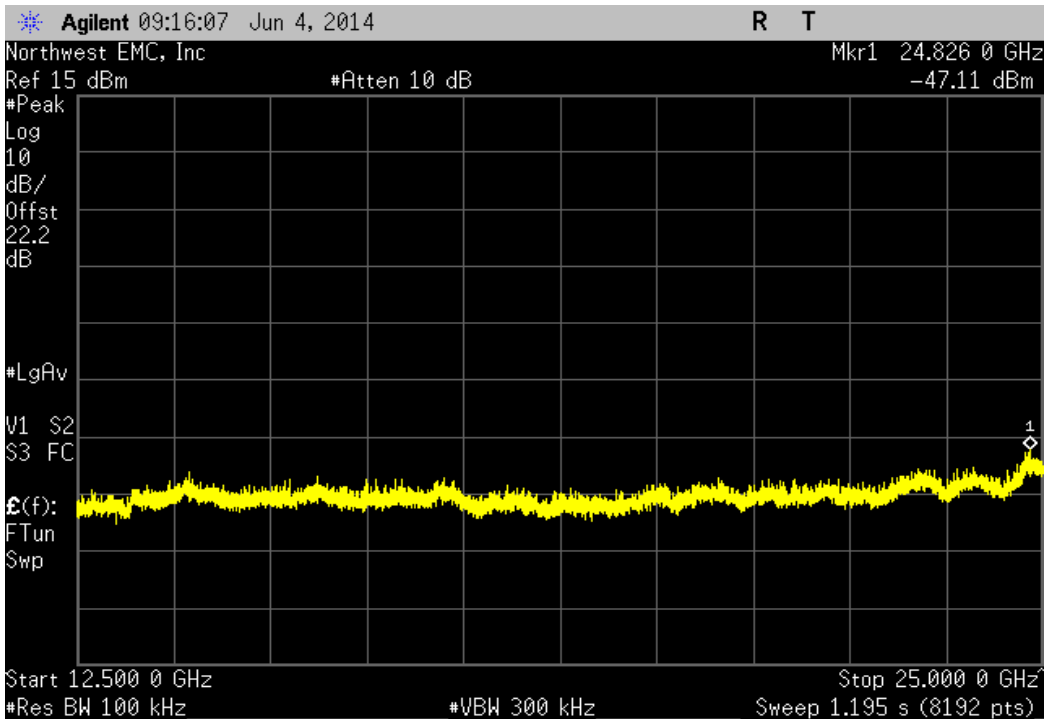
2400 MHz - 2483.5 MHz Band, 10MHz Bandwidth , 802.11(b) 1 Mbps, Mid Channel 2439 MHz			
Frequency Range	Value	Limit	Result
Fundamental	N/A	N/A	N/A



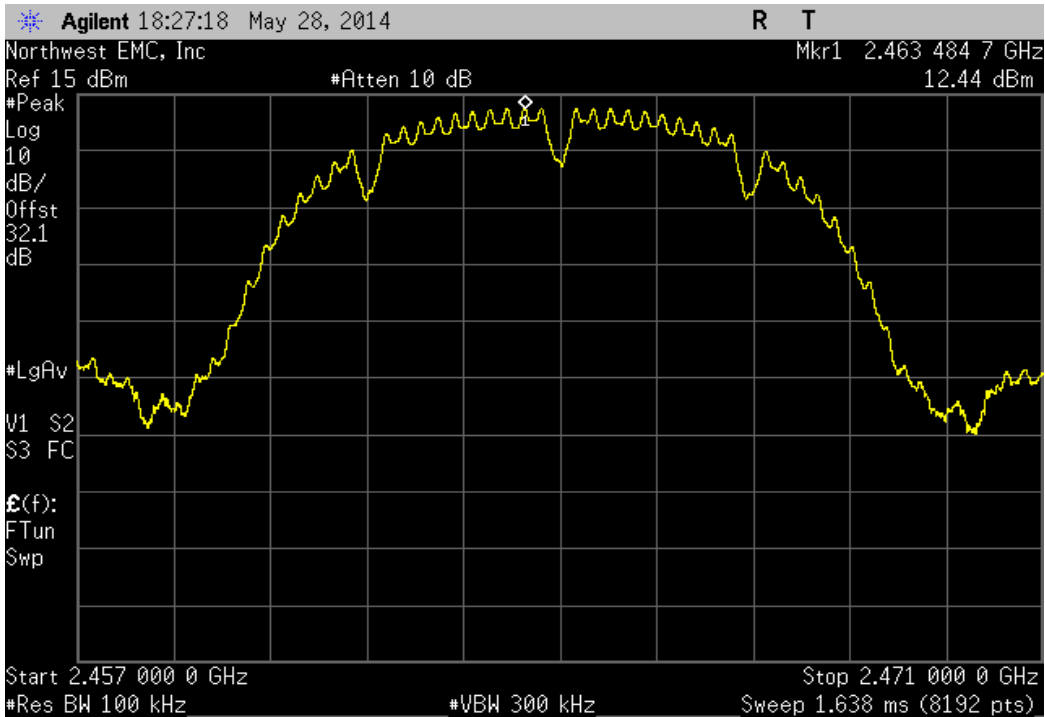
2400 MHz - 2483.5 MHz Band, 10MHz Bandwidth , 802.11(b) 1 Mbps, Mid Channel 2439 MHz			
Frequency Range	Value	Limit	Result
30 MHz - 12.5 GHz	-56.8 dBc	≤ -20 dBc	Pass



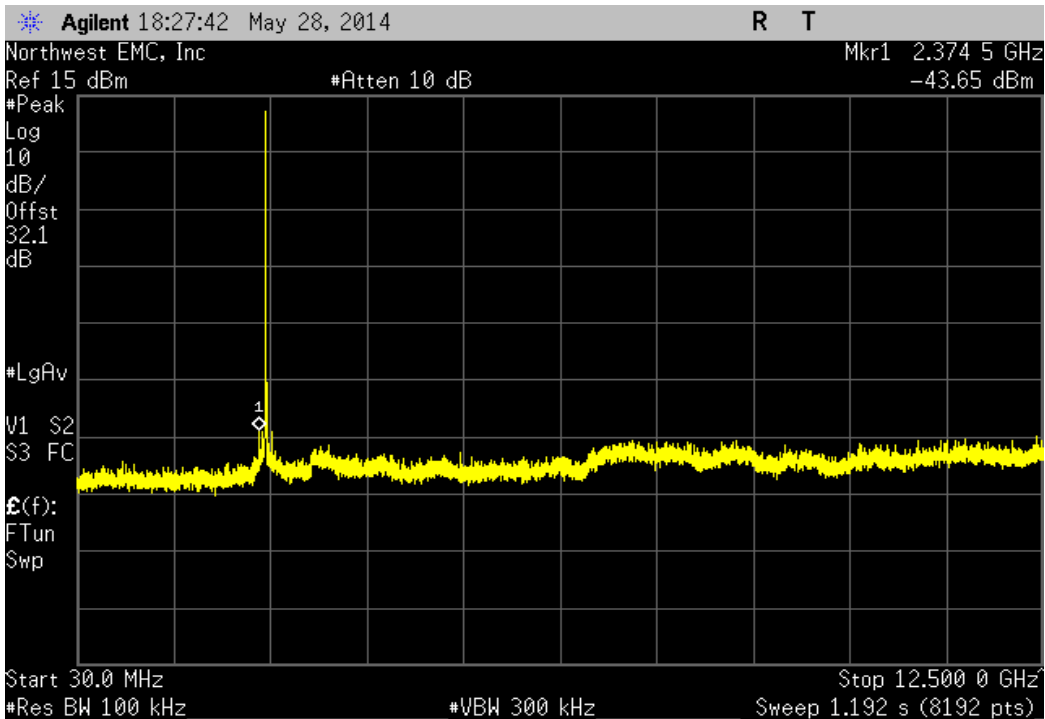
2400 MHz - 2483.5 MHz Band, 10MHz Bandwidth , 802.11(b) 1 Mbps, Mid Channel 2439 MHz			
Frequency Range	Value	Limit	Result
12.5 GHz - 25 GHz	-49.71 dBc	≤ -20 dBc	Pass



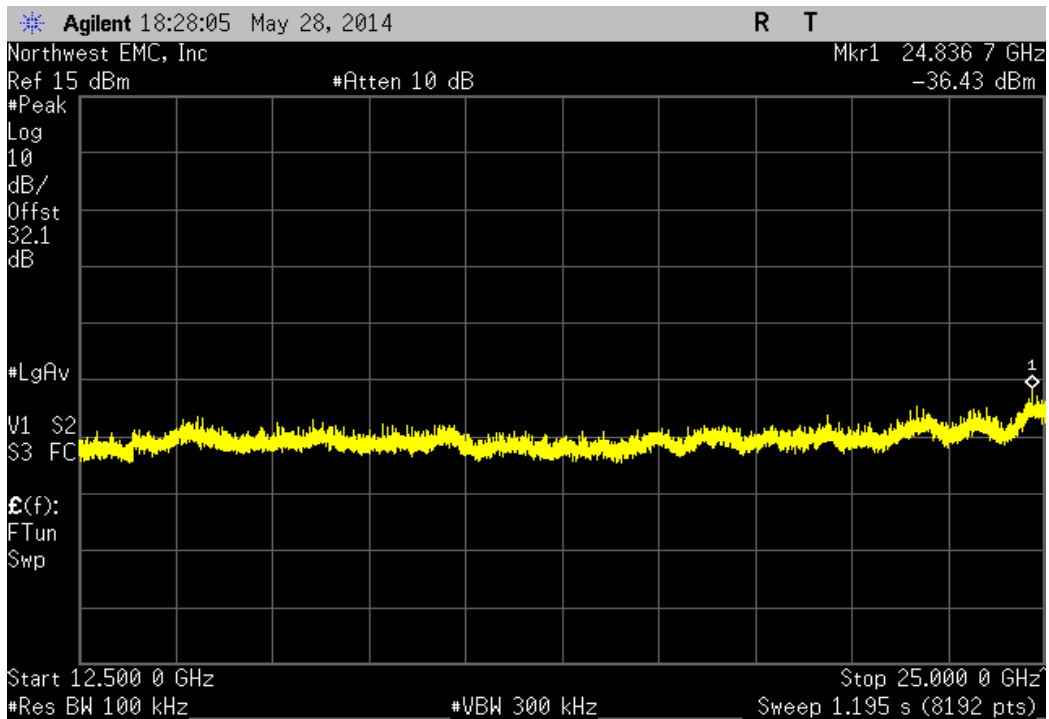
2400 MHz - 2483.5 MHz Band, 10MHz Bandwidth , 802.11(b) 1 Mbps, High Channel 2464 MHz				
Frequency Range		Value	Limit	Result
Fundamental		N/A	N/A	N/A



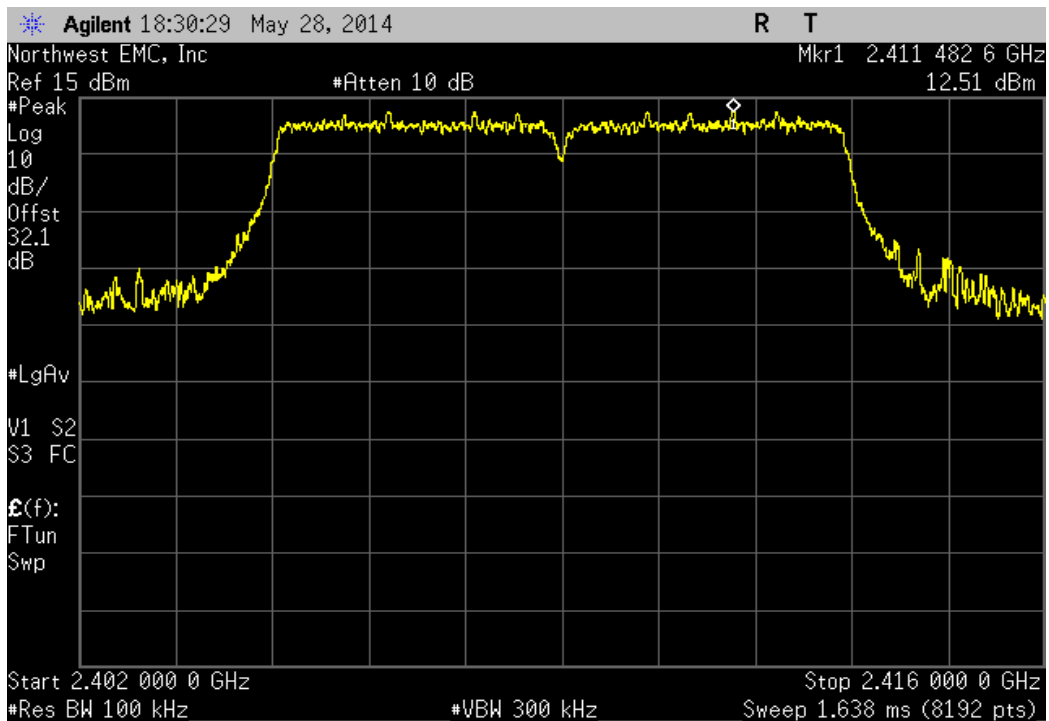
2400 MHz - 2483.5 MHz Band, 10MHz Bandwidth , 802.11(b) 1 Mbps, High Channel 2464 MHz				
Frequency Range		Value	Limit	Result
30 MHz - 12.5 GHz		-56.09 dBc	≤ -20 dBc	Pass



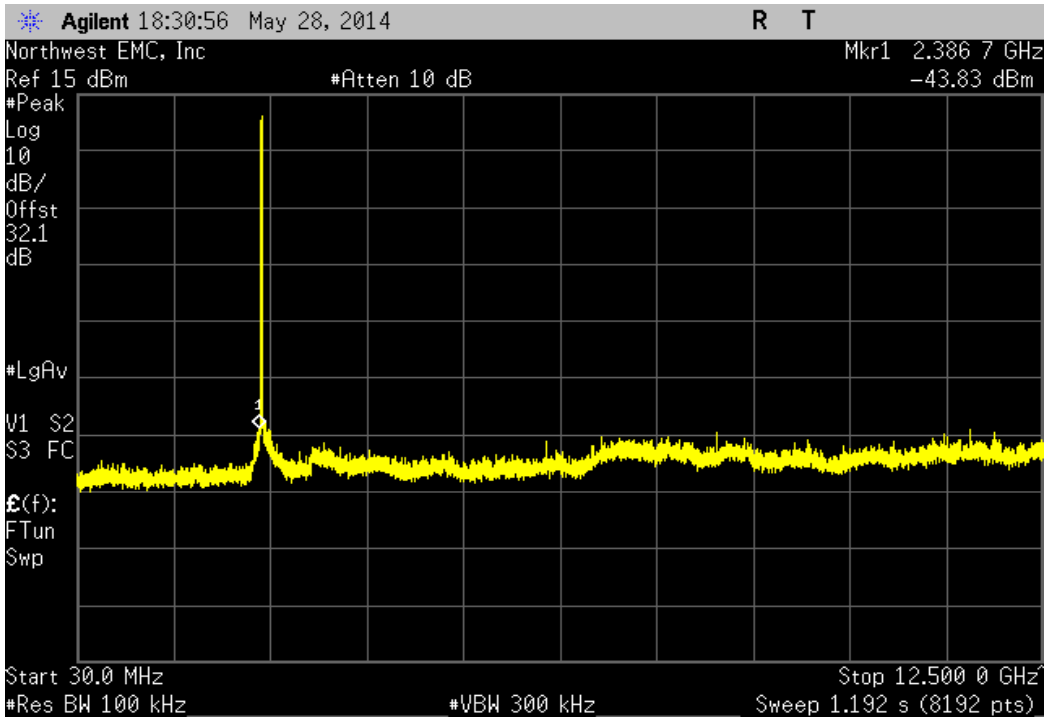
2400 MHz - 2483.5 MHz Band, 10MHz Bandwidth , 802.11(b) 1 Mbps, High Channel 2464 MHz			
Frequency Range	Value	Limit	Result
12.5 GHz - 25 GHz	-48.87 dBc	≤ -20 dBc	Pass



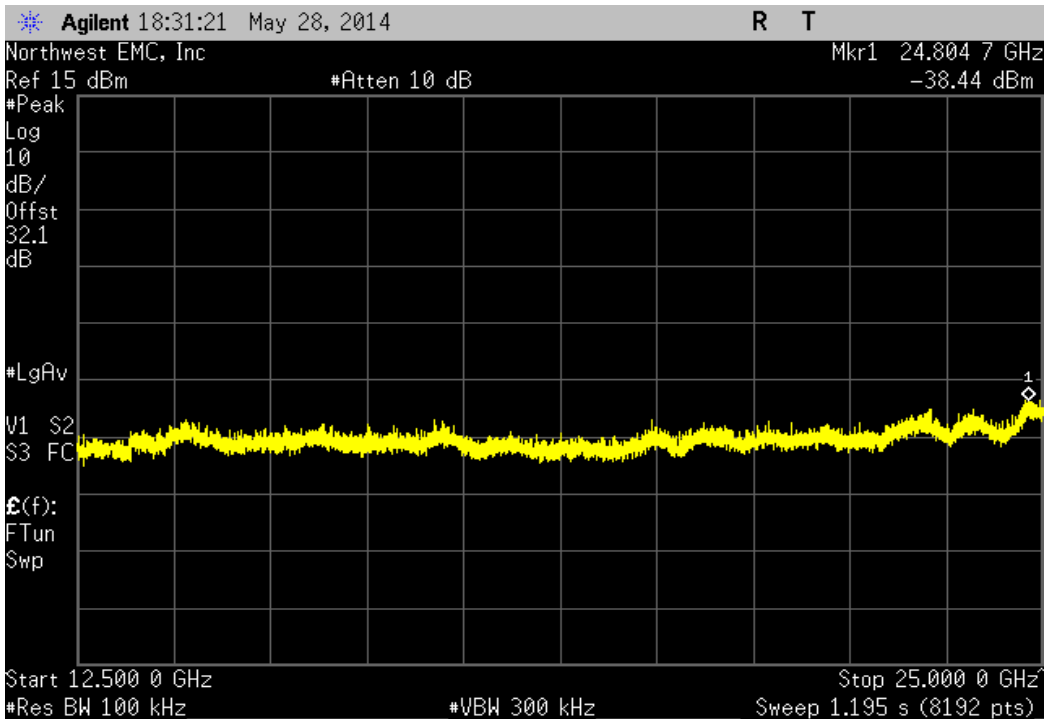
2400 MHz - 2483.5 MHz Band, 10MHz Bandwidth , 802.11(g) 6 Mbps, Low Channel 2409 MHz			
Frequency Range	Value	Limit	Result
Fundamental	N/A	N/A	N/A



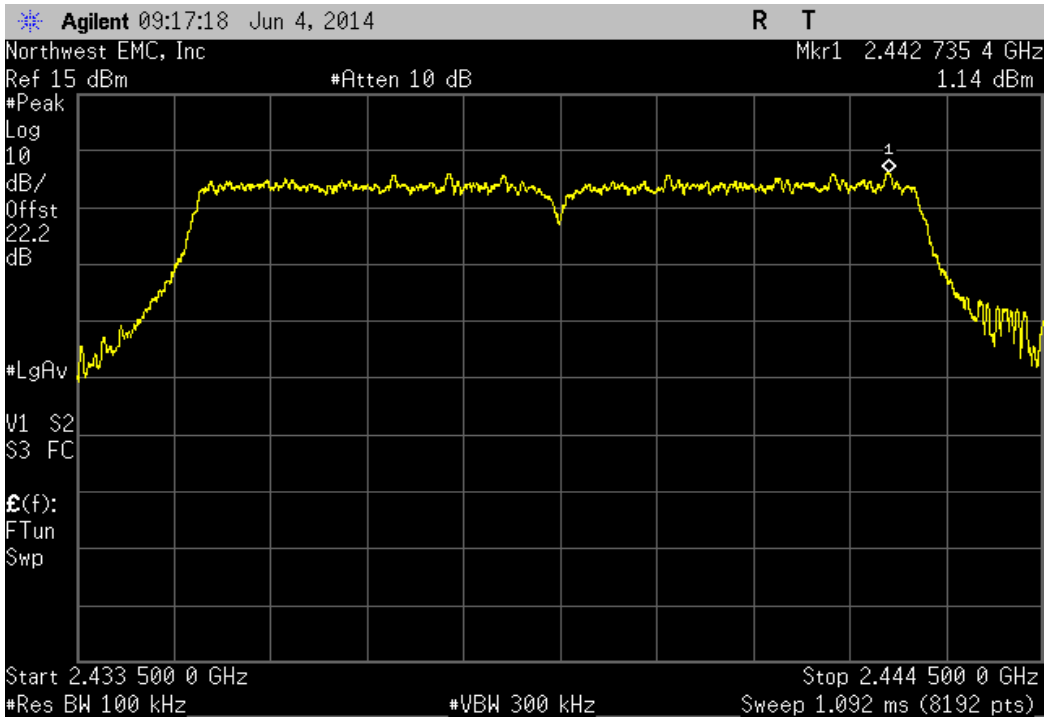
2400 MHz - 2483.5 MHz Band, 10MHz Bandwidth , 802.11(g) 6 Mbps, Low Channel 2409 MHz			
Frequency Range	Value	Limit	Result
30 MHz - 12.5 GHz	-56.34 dBc	≤ -20 dBc	Pass



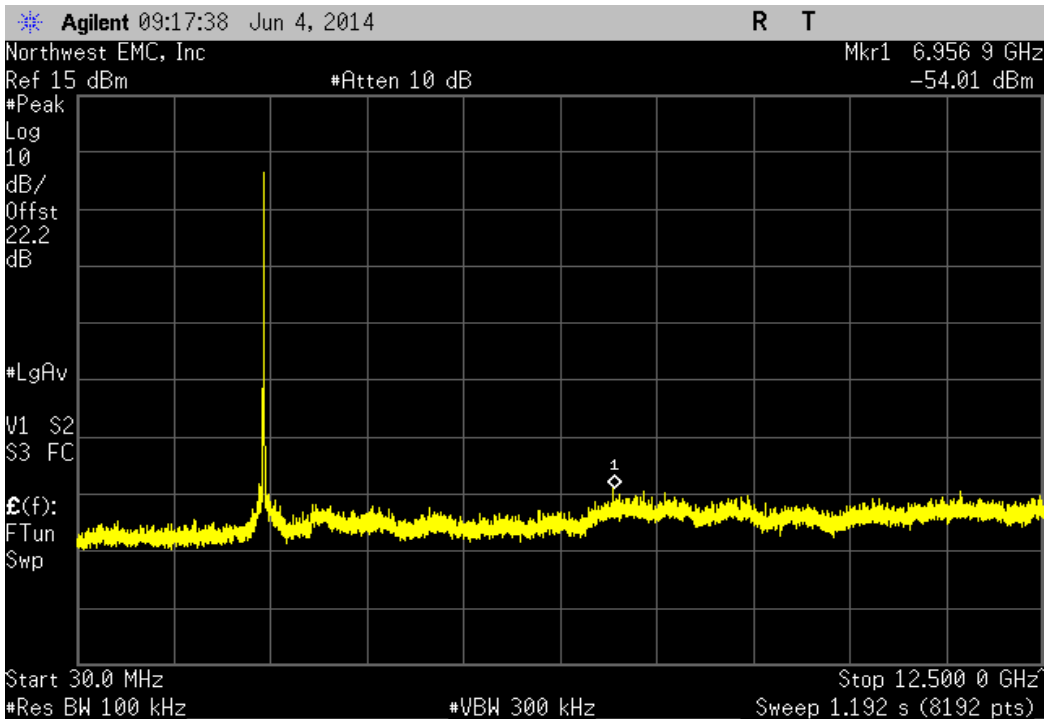
2400 MHz - 2483.5 MHz Band, 10MHz Bandwidth , 802.11(g) 6 Mbps, Low Channel 2409 MHz			
Frequency Range	Value	Limit	Result
12.5 GHz - 25 GHz	-50.95 dBc	≤ -20 dBc	Pass



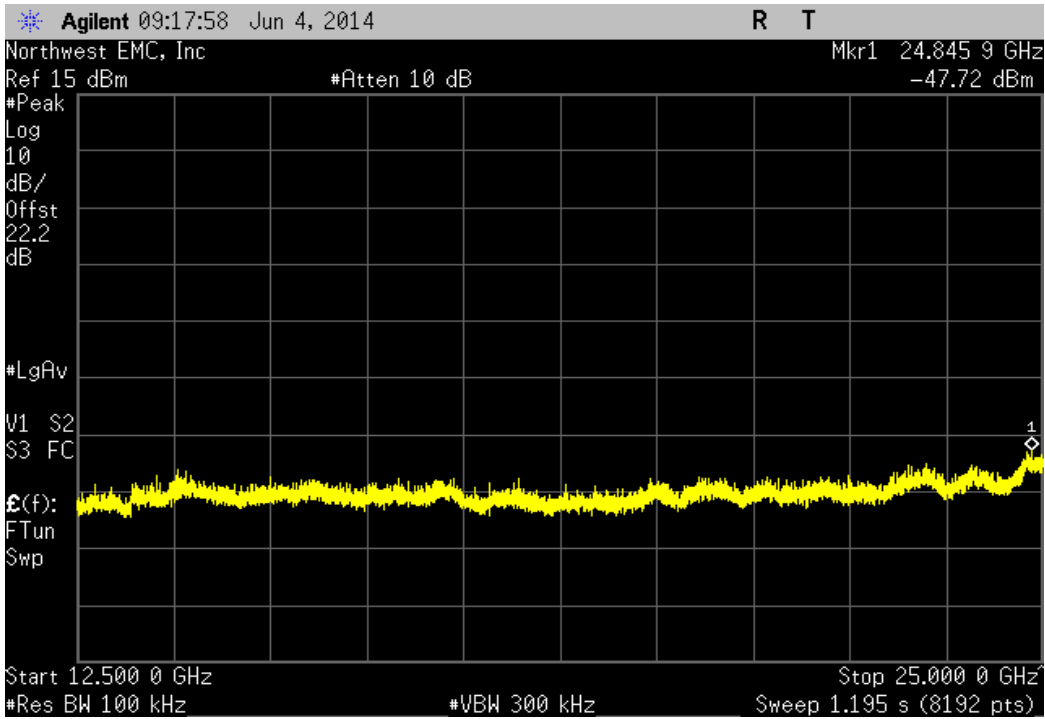
2400 MHz - 2483.5 MHz Band, 10MHz Bandwidth , 802.11(g) 6 Mbps, Mid Channel 2439 MHz				
Frequency Range		Value	Limit	Result
Fundamental		N/A	N/A	N/A



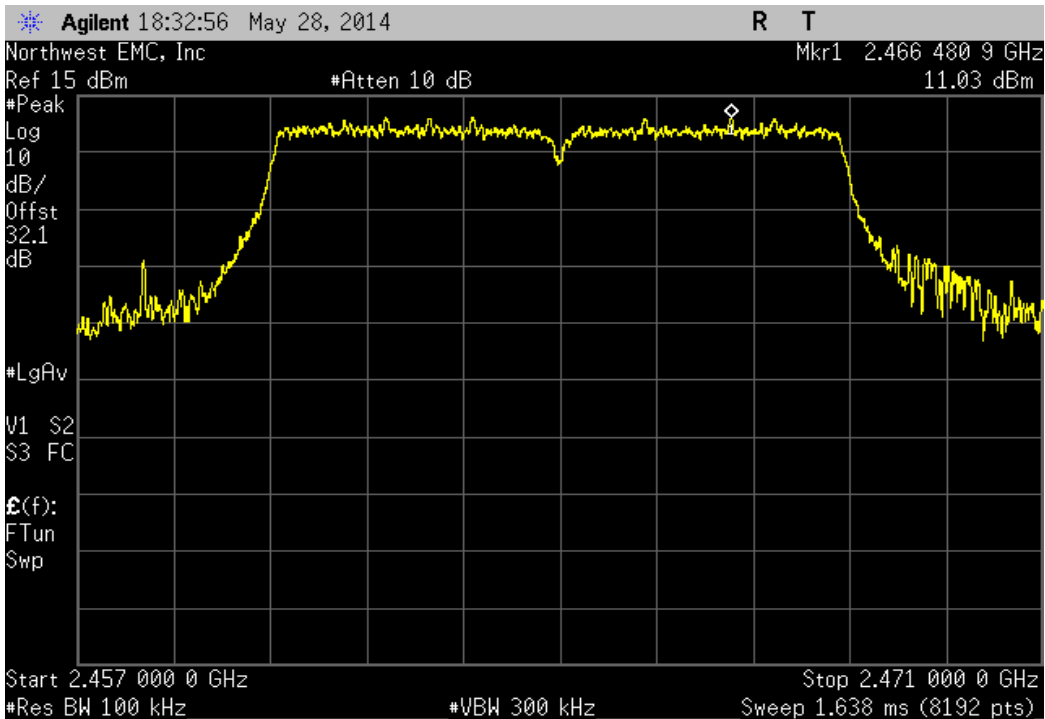
2400 MHz - 2483.5 MHz Band, 10MHz Bandwidth , 802.11(g) 6 Mbps, Mid Channel 2439 MHz				
Frequency Range		Value	Limit	Result
30 MHz - 12.5 GHz		-55.15 dBc	≤ -20 dBc	Pass



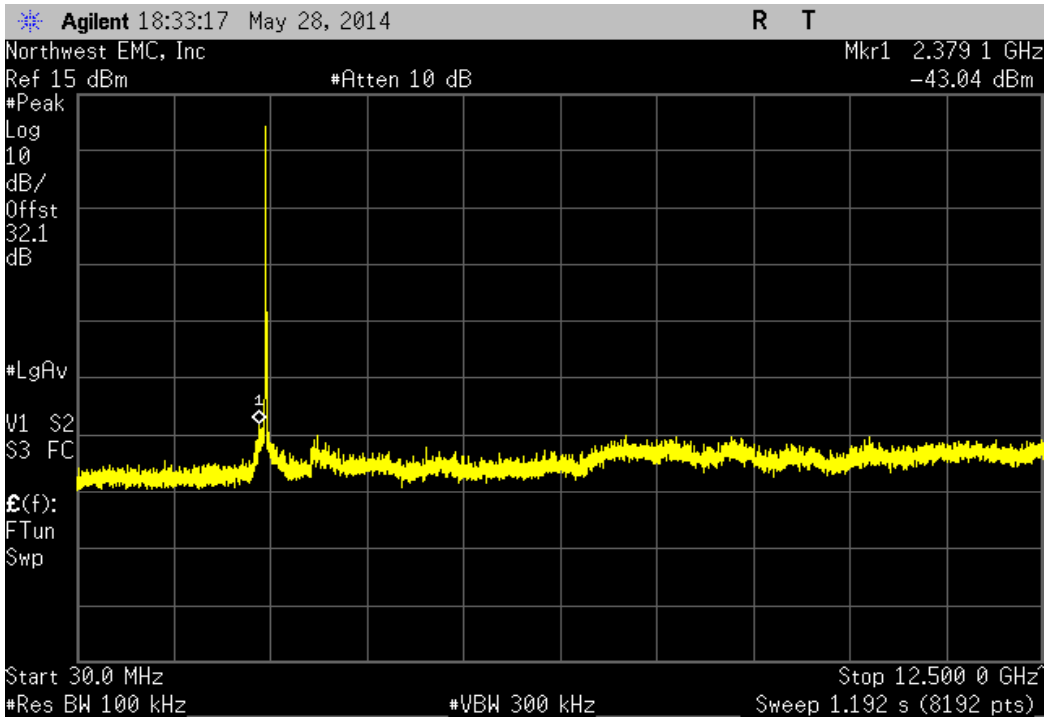
2400 MHz - 2483.5 MHz Band, 10MHz Bandwidth , 802.11(g) 6 Mbps, Mid Channel 2439 MHz			
Frequency Range	Value	Limit	Result
12.5 GHz - 25 GHz	-48.86 dBc	≤ -20 dBc	Pass



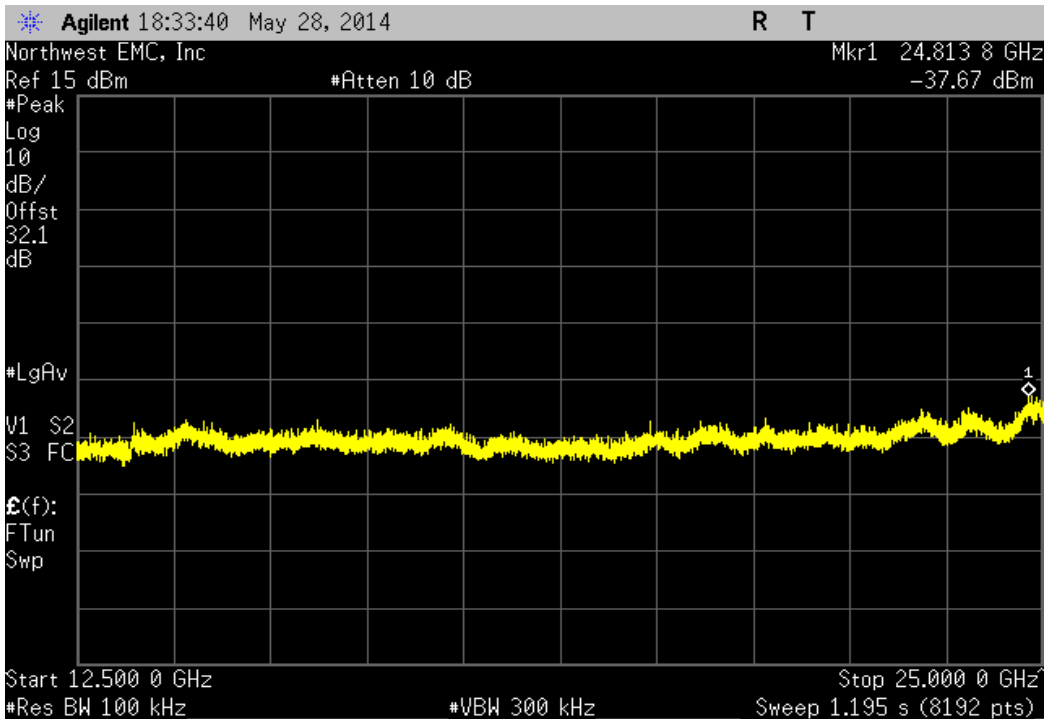
2400 MHz - 2483.5 MHz Band, 10MHz Bandwidth , 802.11(g) 6 Mbps, High Channel 2464 MHz			
Frequency Range	Value	Limit	Result
Fundamental	N/A	N/A	N/A



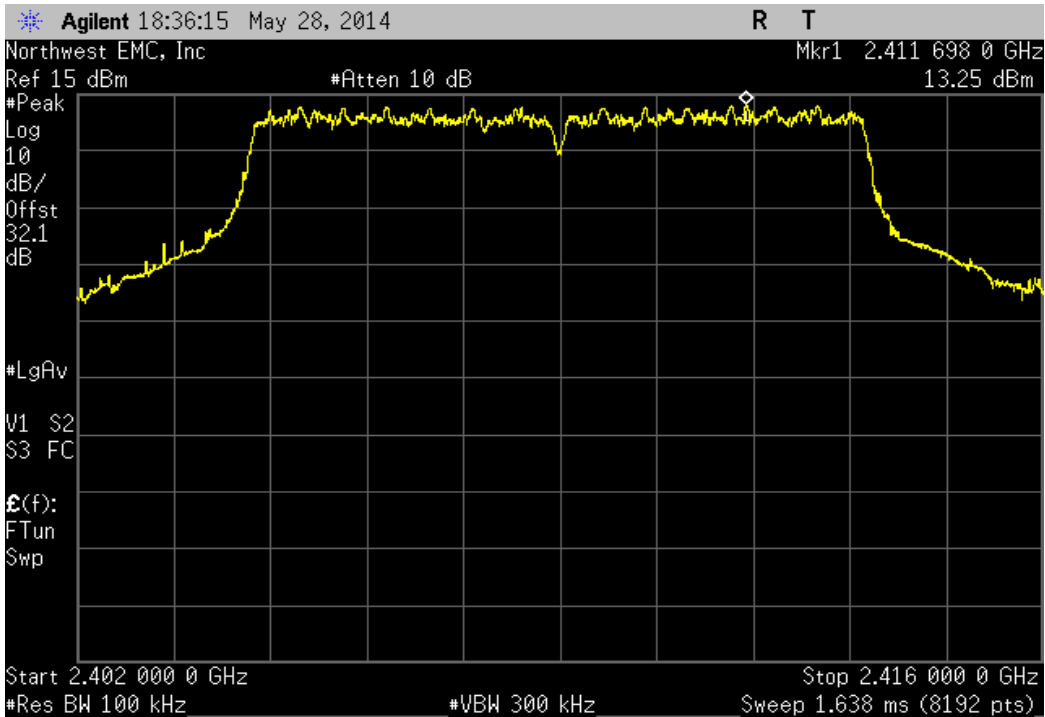
2400 MHz - 2483.5 MHz Band, 10MHz Bandwidth , 802.11(g) 6 Mbps, High Channel 2464 MHz			
Frequency Range	Value	Limit	Result
30 MHz - 12.5 GHz	-54.07 dBc	≤ -20 dBc	Pass



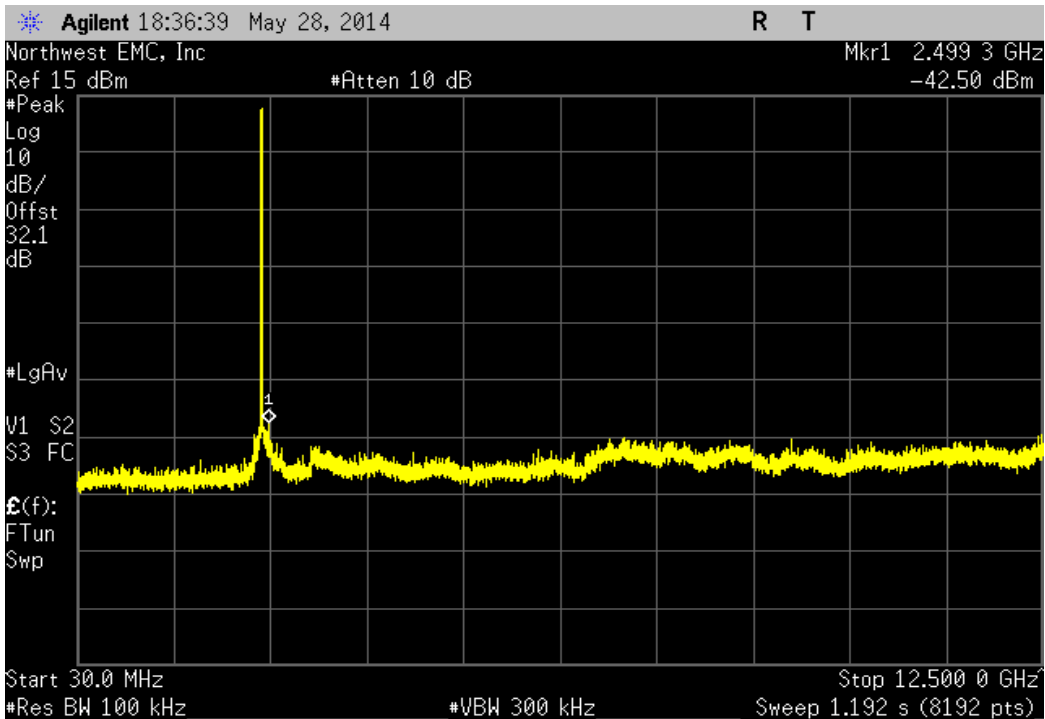
2400 MHz - 2483.5 MHz Band, 10MHz Bandwidth , 802.11(g) 6 Mbps, High Channel 2464 MHz			
Frequency Range	Value	Limit	Result
12.5 GHz - 25 GHz	-48.7 dBc	≤ -20 dBc	Pass



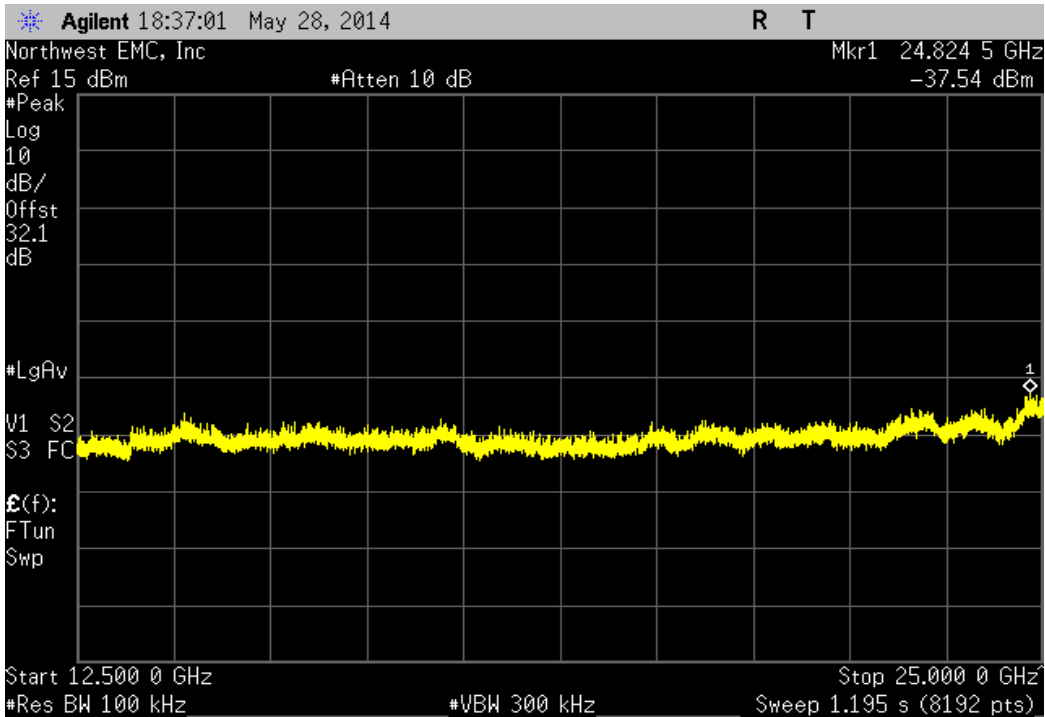
2400 MHz - 2483.5 MHz Band, 10MHz Bandwidth , 802.11(n) MCS7, Low Channel 2409 MHz				
Frequency Range		Value	Limit	Result
Fundamental		N/A	N/A	N/A



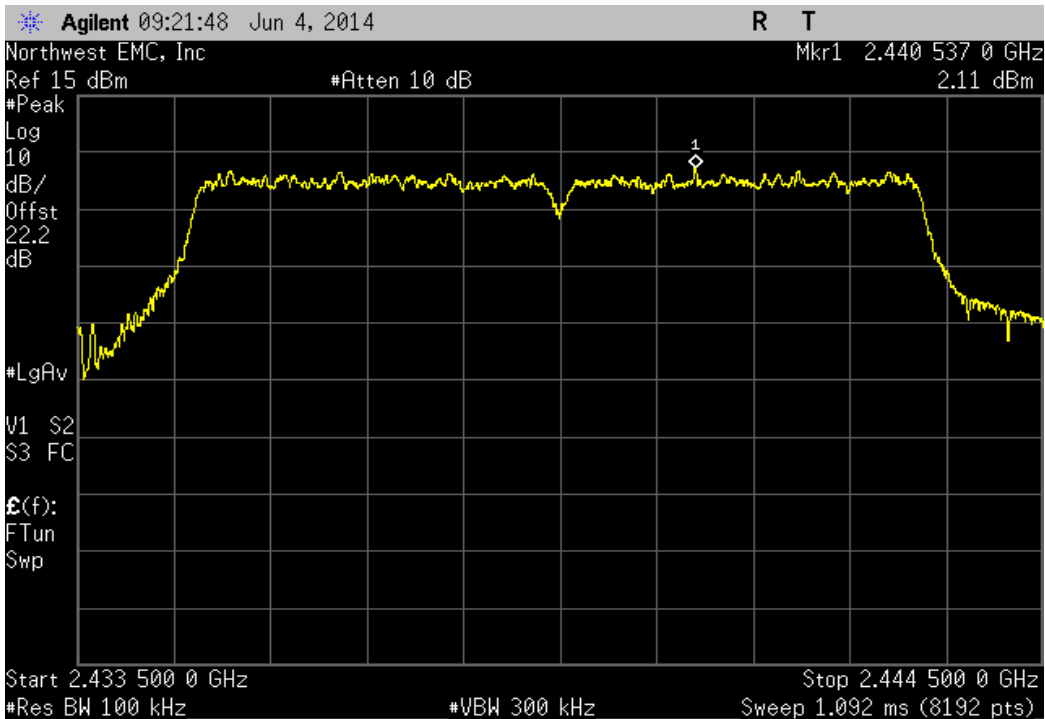
2400 MHz - 2483.5 MHz Band, 10MHz Bandwidth , 802.11(n) MCS7, Low Channel 2409 MHz				
Frequency Range		Value	Limit	Result
30 MHz - 12.5 GHz		-55.75 dBc	≤ -20 dBc	Pass



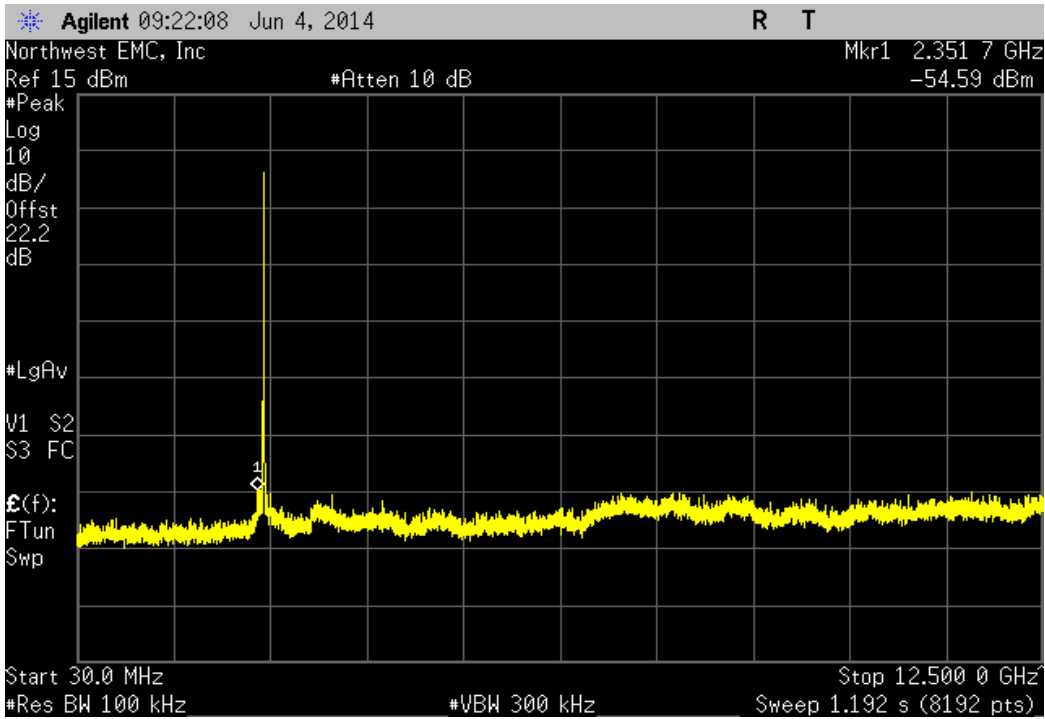
2400 MHz - 2483.5 MHz Band, 10MHz Bandwidth , 802.11(n) MCS7, Low Channel 2409 MHz			
Frequency Range	Value	Limit	Result
12.5 GHz - 25 GHz	-50.79 dBc	≤ -20 dBc	Pass



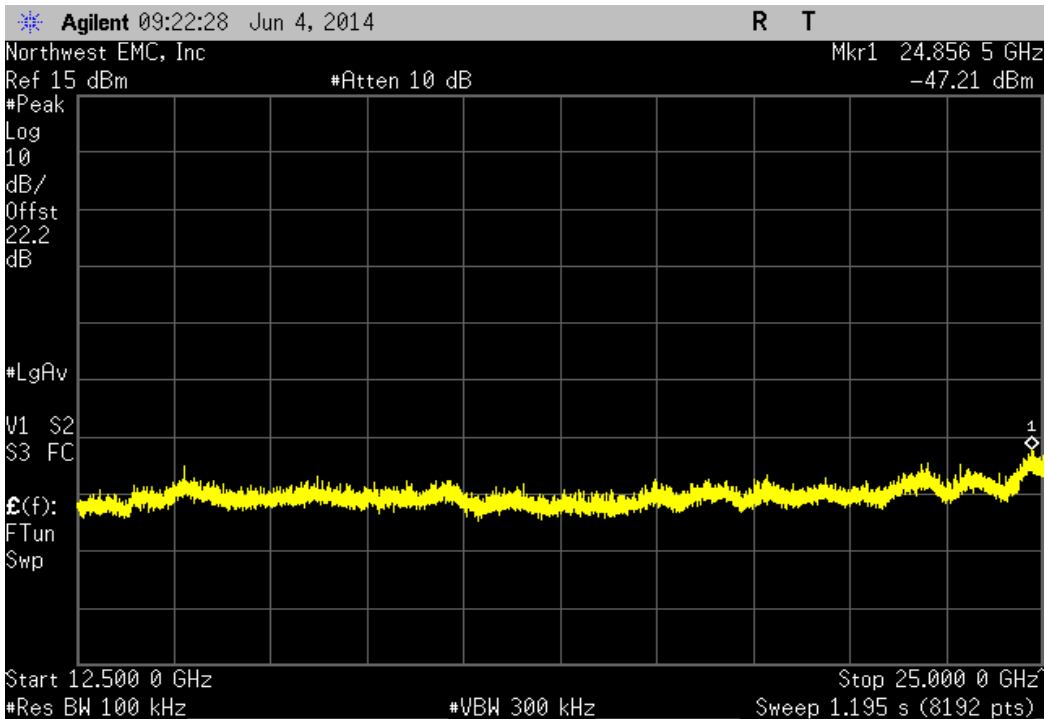
2400 MHz - 2483.5 MHz Band, 10MHz Bandwidth , 802.11(n) MCS7, Mid Channel 2439 MHz			
Frequency Range	Value	Limit	Result
Fundamental	N/A	N/A	N/A



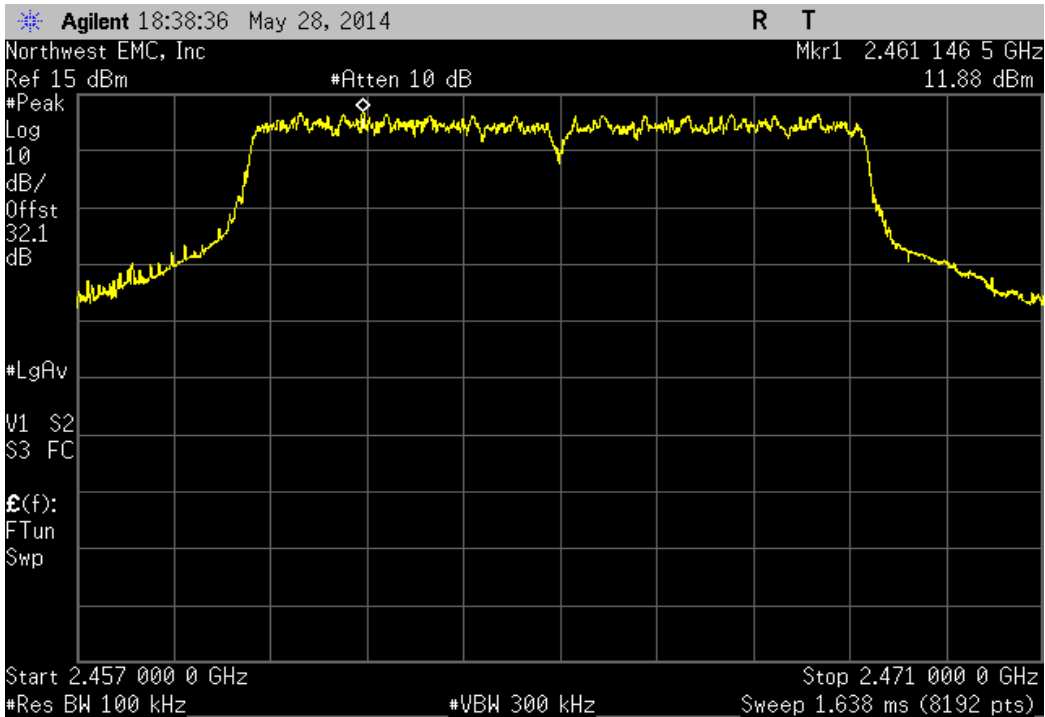
2400 MHz - 2483.5 MHz Band, 10MHz Bandwidth , 802.11(n) MCS7, Mid Channel 2439 MHz			
Frequency Range	Value	Limit	Result
30 MHz - 12.5 GHz	-56.7 dBc	≤ -20 dBc	Pass



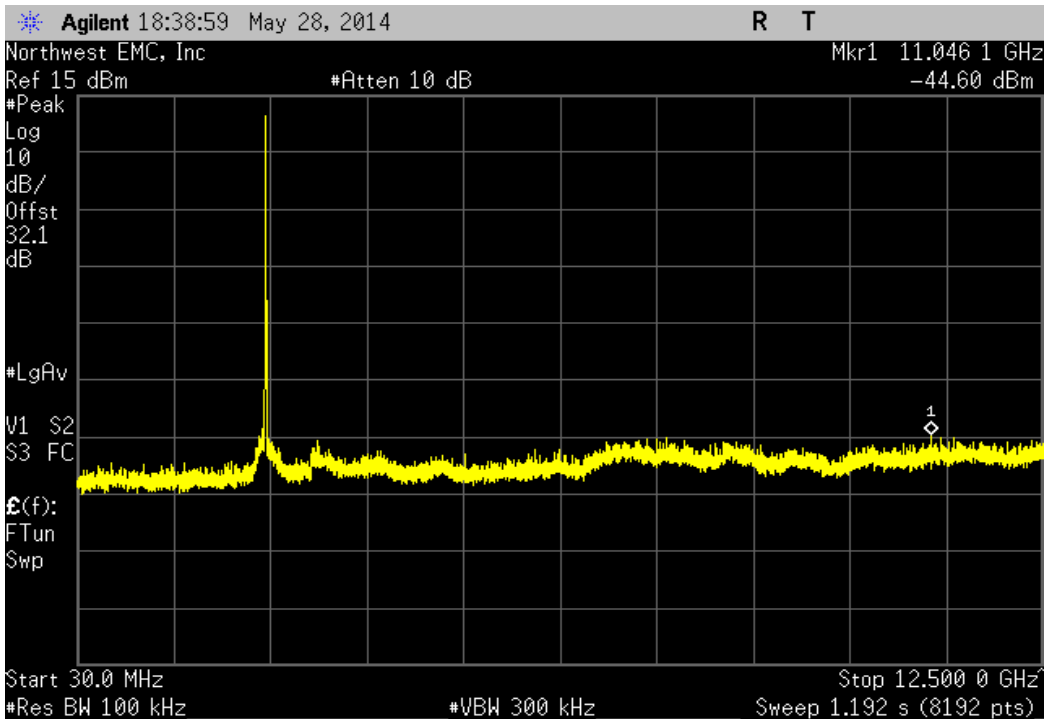
2400 MHz - 2483.5 MHz Band, 10MHz Bandwidth , 802.11(n) MCS7, Mid Channel 2439 MHz			
Frequency Range	Value	Limit	Result
12.5 GHz - 25 GHz	-49.32 dBc	≤ -20 dBc	Pass



2400 MHz - 2483.5 MHz Band, 10MHz Bandwidth , 802.11(n) MCS7, High Channel 2464 MHz				
Frequency Range		Value	Limit	Result
Fundamental		N/A	N/A	N/A



2400 MHz - 2483.5 MHz Band, 10MHz Bandwidth , 802.11(n) MCS7, High Channel 2464 MHz				
Frequency Range		Value	Limit	Result
30 MHz - 12.5 GHz		-56.49 dBc	≤ -20 dBc	Pass



2400 MHz - 2483.5 MHz Band, 10MHz Bandwidth , 802.11(n) MCS7, High Channel 2464 MHz

Frequency Range	Value	Limit	Result
12.5 GHz - 25 GHz	-49.34 dBc	≤ -20 dBc	Pass

