

# MAXIMUM POWER SPECTRAL DENSITY

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

## TEST EQUIPMENT

Description	Manufacturer	Model	ID	Last Cal.	Interval (mo)
Analyzer - Spectrum Analyzer	Agilent	E4440A	AFE	6/22/2015	12
Cable	ESM Cable Corp.	TTBJ-141 KMKM-72	NC5	6/6/2015	12
Attenuator	Fairview Microwave	SA4014-20	TKE	1/16/2015	12
Block - DC	Fairview Microwave	SD3379	AMJ	6/6/2015	12
Generator - Signal	Agilent	N5183A	TIA	4/7/2014	24

## TEST DESCRIPTION

The transmit frequency was set to the required channels in each band. The transmit power was set to its default maximum. The radio was operated in the modes as shown in the following data sheets.

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 maximum power spectral density, the emission bandwidth (B) was measured. The method of measuring the emission bandwidth and the associated data are found elsewhere in this test report

The maximum power spectral density was measured using ANSI C63.10, Method SA-2 (RMS detection and trace averaging across the on and off times of the EUT transmission and use of a duty cycle correction factor), consistent with the method used for maximum conducted output power.

The spectrum analyzer settings were set per the guidance as well as the following specifics:

- Resolution Bandwidth of 1 MHz
- RMS Detector
- Trace average 100 traces in power averaging mode

The peak power spectral density (PPSD) was determined to be the highest level found across the emission in any 1 MHz band after 100 sweeps of power averaging (not video averaging).

A duty cycle correction factor was added to the measurement using the results of the formula of  $10 \cdot \text{LOG}(1/D)$  where D is the duty cycle.

# MAXIMUM POWER SPECTRAL DENSITY



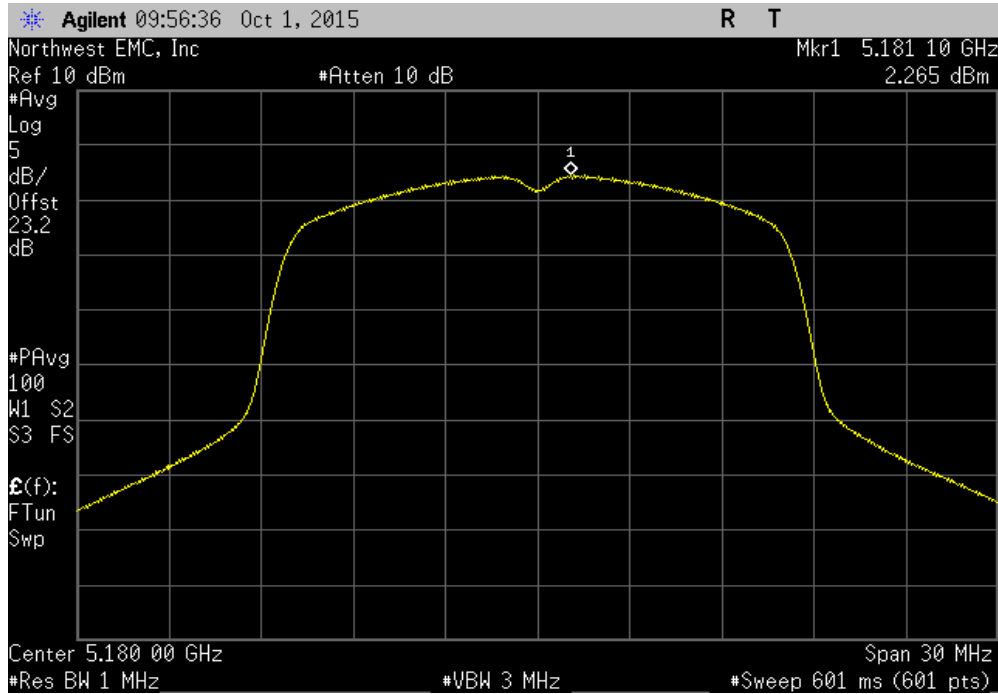
XMtr 2015.01.14

EUT: Precor Wi-Fi / Bluetooth Module Model 303346		Work Order: PRCR0230				
Serial Number: None		Date: 10/06/15				
Customer: Precor, Inc.		Temperature: 23°C				
Attendees: Rich Whitbeck		Humidity: 46%				
Project: None		Barometric Pres.: 1015mb				
Tested by: Richard Mellroth		Power: 110VAC/60Hz				
TEST SPECIFICATIONS		Test Method				
FCC 15.407:2015		ANSI C63.10:2013				
COMMENTS						
Power settings at Maximum.						
DEVIATIONS FROM TEST STANDARD						
None						
Configuration #		Power (dBm/MHz)	Duty Cycle Factor (dB)	Density (dBm/MHz)	Limit ≤ (dBm / Ref BW)	Results
Ant 1						
802.11(a) 6 Mbps						
5150 - 5250 MHz Band						
	Low Channel 36, 5180 MHz	2.265	1.1	3.4	11	Pass
	High Channel 48, 5240 MHz	2.303	1.1	3.4	11	Pass
5250 - 5350 MHz Band						
	Low Channel 52, 5260 MHz	-0.545	1.1	0.6	11	Pass
	High Channel 64, 5320 MHz	-0.509	1.1	0.6	11	Pass
5470 - 5725 MHz Band						
	Low Channel 100, 5500 MHz	0.303	1.1	1.4	11	Pass
	Mid Channel 120, 5600 MHz	3.596	1.1	4.7	11	Pass
	High Channel 140, 5700 MHz	-2.254	1.1	-1.1	11	Pass
802.11(a) 36 Mbps						
5150 - 5250 MHz Band						
	Low Channel 36, 5180 MHz	-0.037	4.2	4.2	11	Pass
	High Channel 48, 5240 MHz	0.101	4.2	4.3	11	Pass
5250 - 5350 MHz Band						
	Low Channel 52, 5260 MHz	-3.137	4.2	1	11	Pass
	High Channel 64, 5320 MHz	-3.184	4.2	1	11	Pass
5470 - 5725 MHz Band						
	Low Channel 100, 5500 MHz	-2.246	4.2	2	11	Pass
	Mid Channel 120, 5600 MHz	-0.726	4.2	3.5	11	Pass
	High Channel 140, 5700 MHz	-4.856	4.2	-0.6	11	Pass
802.11(a) 54 Mbps						
5150 - 5250 MHz Band						
	Low Channel 36, 5180 MHz	-1.631	5.2	3.6	11	Pass
	High Channel 48, 5240 MHz	-1.914	5.2	3.3	11	Pass
5250 - 5350 MHz Band						
	Low Channel 52, 5260 MHz	-4.072	5.3	1.2	11	Pass
	High Channel 64, 5320 MHz	-4.125	5.3	1.2	11	Pass
5470 - 5725 MHz Band						
	Low Channel 100, 5500 MHz	-4.594	5.2	0.6	11	Pass
	Mid Channel 120, 5600 MHz	-3.203	5.3	2.1	11	Pass
	High Channel 140, 5700 MHz	-5.565	5.3	-0.3	11	Pass
802.11(n) MCS0						
5150 - 5250 MHz Band						
	Low Channel 36, 5180 MHz	2.463	1.2	3.6	11	Pass
	High Channel 48, 5240 MHz	2.451	1.2	3.6	11	Pass
5250 - 5350 MHz Band						
	Low Channel 52, 5260 MHz	-0.45	1.2	0.7	11	Pass
	High Channel 64, 5320 MHz	-0.539	1.2	0.6	11	Pass
5470 - 5725 MHz Band						
	Low Channel 100, 5500 MHz	0.068	1.2	1.3	11	Pass
	Mid Channel 120, 5600 MHz	3.059	1.2	4.2	11	Pass
	High Channel 140, 5700 MHz	-2.318	1.2	-1.1	11	Pass
802.11(n) MCS7						
5150 - 5250 MHz Band						
	Low Channel 36, 5180 MHz	-2.714	5.5	2.7	11	Pass
	High Channel 48, 5240 MHz	-3.816	5.5	1.6	11	Pass
5250 - 5350 MHz Band						
	Low Channel 52, 5260 MHz	-3.948	5.5	1.5	11	Pass
	High Channel 64, 5320 MHz	-4.777	5.5	0.7	11	Pass
5470 - 5725 MHz Band						
	Low Channel 100, 5500 MHz	-5.663	5.5	-0.1	11	Pass
	Mid Channel 120, 5600 MHz	-6.249	5.5	-0.8	11	Pass
	High Channel 140, 5700 MHz	-5.934	5.5	-0.4	11	Pass
Ant 2						
802.11(a) 6 Mbps						
5150 - 5250 MHz Band						
	Low Channel 36, 5180 MHz	1.971	1.1	3.1	11	Pass
	High Channel 48, 5240 MHz	2.17	1.1	3.3	11	Pass
5250 - 5350 MHz Band						
	Low Channel 52, 5260 MHz	-0.355	1.1	0.8	11	Pass
	High Channel 64, 5320 MHz	-0.25	1.1	0.9	11	Pass
5470 - 5725 MHz Band						
	Low Channel 100, 5500 MHz	1.586	1.1	2.7	11	Pass
	Mid Channel 120, 5600 MHz	3.952	1.1	5	11	Pass
	High Channel 140, 5700 MHz	-1.487	1.1	-0.4	11	Pass
802.11(a) 36 Mbps						
5150 - 5250 MHz Band						
	Low Channel 36, 5180 MHz	-0.234	4.2	4	11	Pass
	High Channel 48, 5240 MHz	-0.11	4.2	4.1	11	Pass

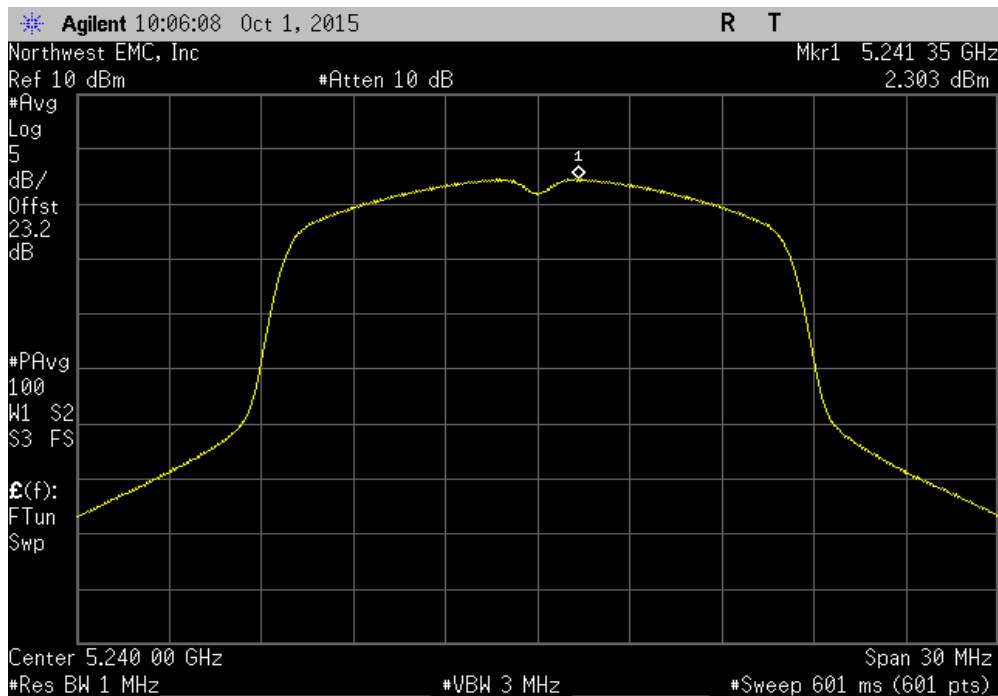
5250 - 5350 MHz Band						
	Low Channel 52, 5260 MHz	-2.906	4.2	1.3	11	Pass
	High Channel 64, 5320 MHz	-2.771	4.2	1.4	11	Pass
5470 - 5725 MHz Band						
	Low Channel 100, 5500 MHz	-0.796	4.2	3.5	11	Pass
	Mid Channel 120, 5600 MHz	-0.349	4.2	3.8	11	Pass
	High Channel 140, 5700 MHz	-4.109	4.2	0.1	11	Pass
802.11(a) 54 Mbps						
5150 - 5250 MHz Band						
	Low Channel 36, 5180 MHz	-2.131	5.3	3.2	11	Pass
	High Channel 48, 5240 MHz	-2.091	5.2	3.2	11	Pass
5250 - 5350 MHz Band						
	Low Channel 52, 5260 MHz	-3.942	5.2	1.3	11	Pass
	High Channel 64, 5320 MHz	-3.705	5.2	1.5	11	Pass
5470 - 5725 MHz Band						
	Low Channel 100, 5500 MHz	-3.427	5.2	1.8	11	Pass
	Mid Channel 120, 5600 MHz	-3.202	5.3	2.1	11	Pass
	High Channel 140, 5700 MHz	-5.151	5.3	0.2	11	Pass
802.11(n) MCS0						
5150 - 5250 MHz Band						
	Low Channel 36, 5180 MHz	1.847	1.2	3	11	Pass
	High Channel 48, 5240 MHz	2.275	1.2	3.5	11	Pass
5250 - 5350 MHz Band						
	Low Channel 52, 5260 MHz	-0.268	1.2	0.9	11	Pass
	High Channel 64, 5320 MHz	-0.119	1.2	1	11	Pass
5470 - 5725 MHz Band						
	Low Channel 100, 5500 MHz	1.555	1.2	2.7	11	Pass
	Mid Channel 120, 5600 MHz	3.762	1.2	4.9	11	Pass
	High Channel 140, 5700 MHz	-1.188	1.2	0	11	Pass
802.11(n) MCS7						
5150 - 5250 MHz Band						
	Low Channel 36, 5180 MHz	-3.213	5.5	2.3	11	Pass
	High Channel 48, 5240 MHz	-2.896	5.5	2.6	11	Pass
5250 - 5350 MHz Band						
	Low Channel 52, 5260 MHz	-4.026	5.5	1.4	11	Pass
	High Channel 64, 5320 MHz	-4.695	5.5	0.8	11	Pass
5470 - 5725 MHz Band						
	Low Channel 100, 5500 MHz	-4.669	5.5	0.8	11	Pass
	Mid Channel 120, 5600 MHz	-6.022	5.5	-0.5	11	Pass
	High Channel 140, 5700 MHz	-5.352	5.5	0.2	11	Pass

# MAXIMUM POWER SPECTRAL DENSITY

Ant 1, 802.11(a) 6 Mbps, 5150 - 5250 MHz Band, Low Channel 36, 5180 MHz						
Power (dBm/MHz)	Duty Cycle Factor (dB)	Density (dBm/MHz)	Limit (dBm / Ref BW)	Results		
2.265	1.1	3.4	11	Pass		

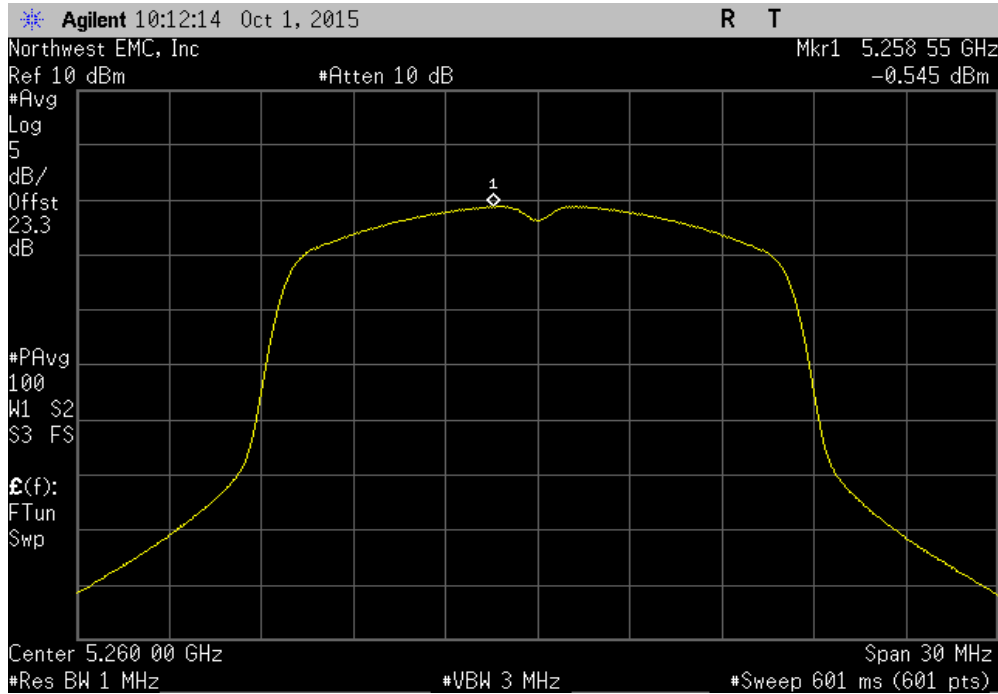


Ant 1, 802.11(a) 6 Mbps, 5150 - 5250 MHz Band, High Channel 48, 5240 MHz						
Power (dBm/MHz)	Duty Cycle Factor (dB)	Density (dBm/MHz)	Limit (dBm / Ref BW)	Results		
2.303	1.1	3.4	11	Pass		

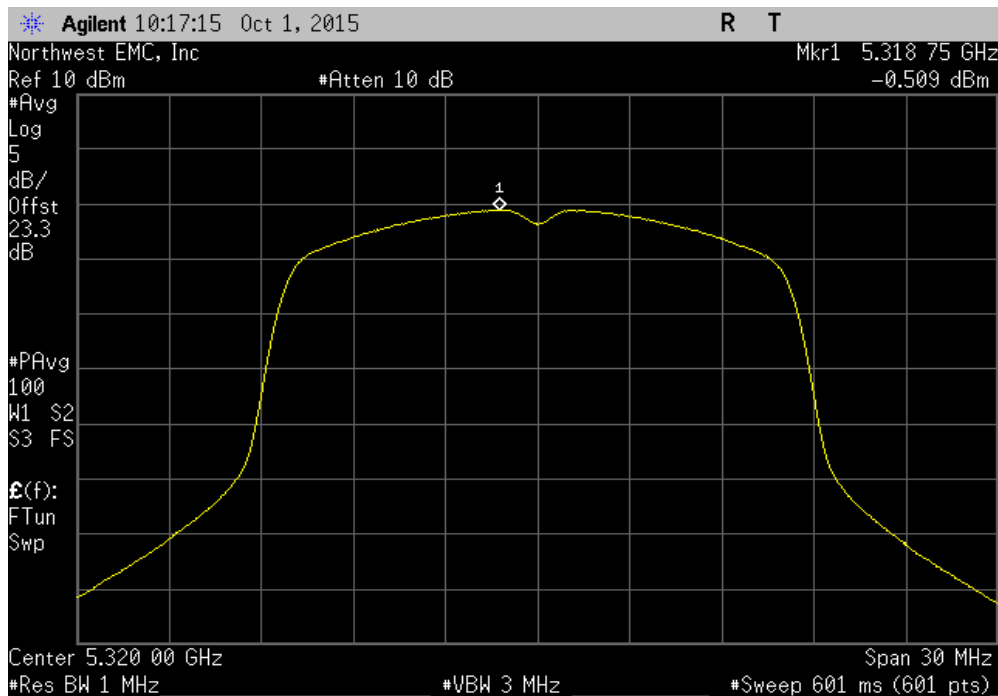


# MAXIMUM POWER SPECTRAL DENSITY

Ant 1, 802.11(a) 6 Mbps, 5250 - 5350 MHz Band, Low Channel 52, 5260 MHz						
Power (dBm/MHz)	Duty Cycle Factor (dB)	Density (dBm/MHz)	Limit ε (dBm / Ref BW)	Results		
-0.545	1.1	0.6	11	Pass		

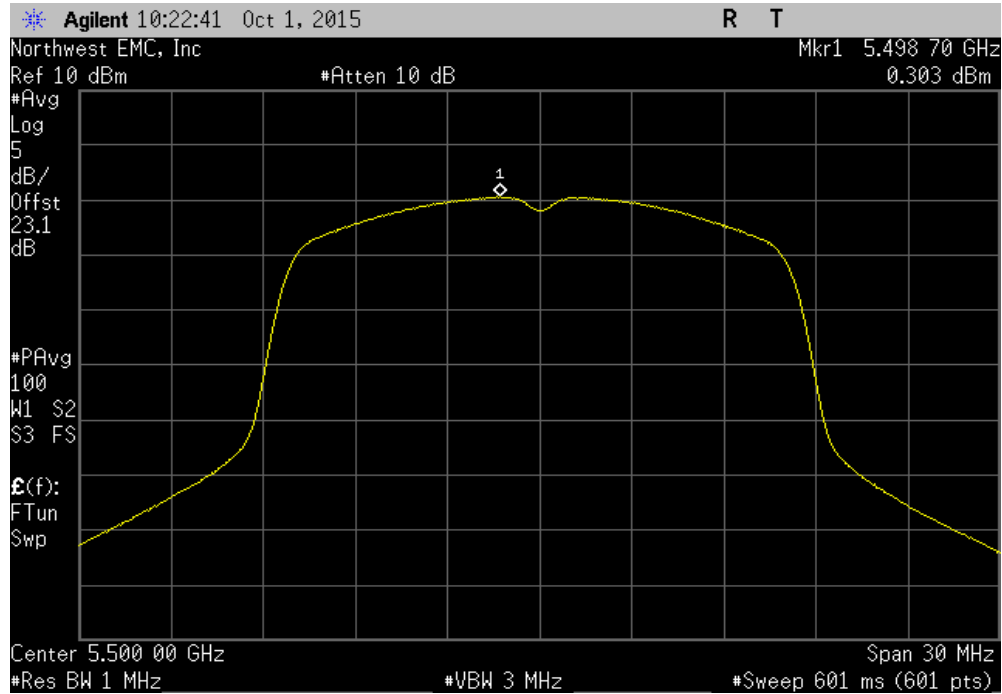


Ant 1, 802.11(a) 6 Mbps, 5250 - 5350 MHz Band, High Channel 64, 5320 MHz						
Power (dBm/MHz)	Duty Cycle Factor (dB)	Density (dBm/MHz)	Limit ε (dBm / Ref BW)	Results		
-0.509	1.1	0.6	11	Pass		

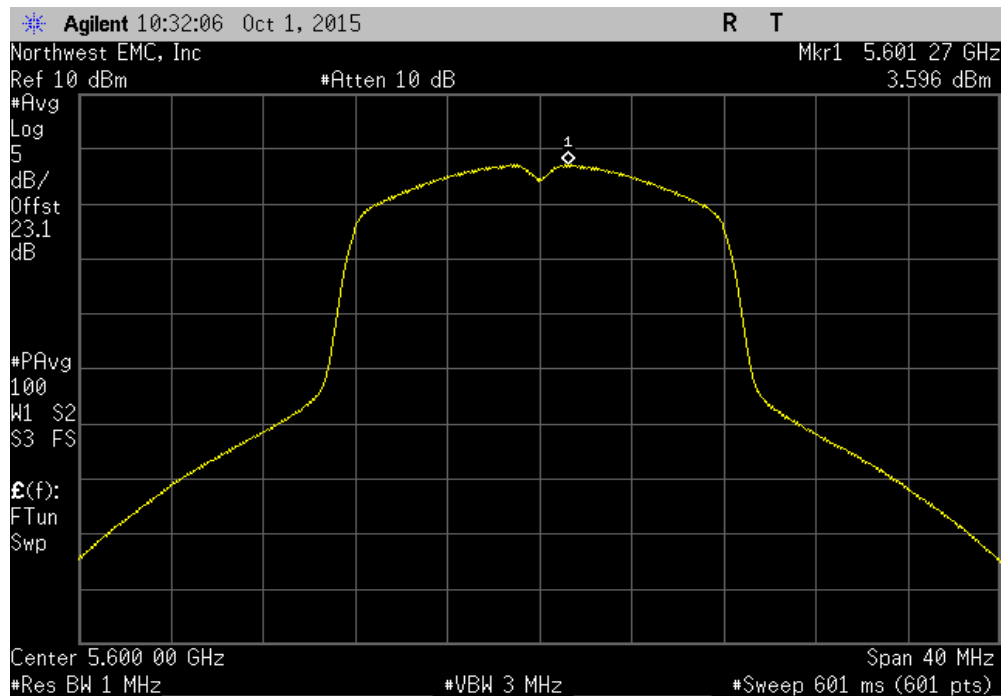


# MAXIMUM POWER SPECTRAL DENSITY

Ant 1, 802.11(a) 6 Mbps, 5470 - 5725 MHz Band, Low Channel 100, 5500 MHz						
Power (dBm/MHz)	Duty Cycle Factor (dB)	Density (dBm/MHz)	Limit ε (dBm / Ref BW)	Results		
0.303	1.1	1.4	11	Pass		

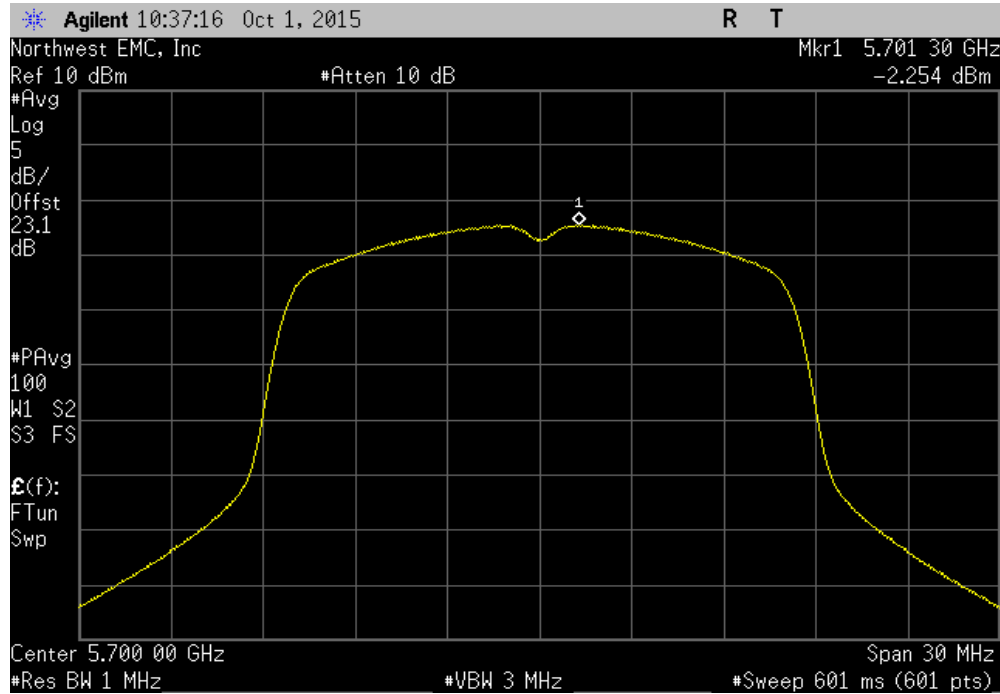


Ant 1, 802.11(a) 6 Mbps, 5470 - 5725 MHz Band, Mid Channel 120, 5600 MHz						
Power (dBm/MHz)	Duty Cycle Factor (dB)	Density (dBm/MHz)	Limit ε (dBm / Ref BW)	Results		
3.596	1.1	4.7	11	Pass		

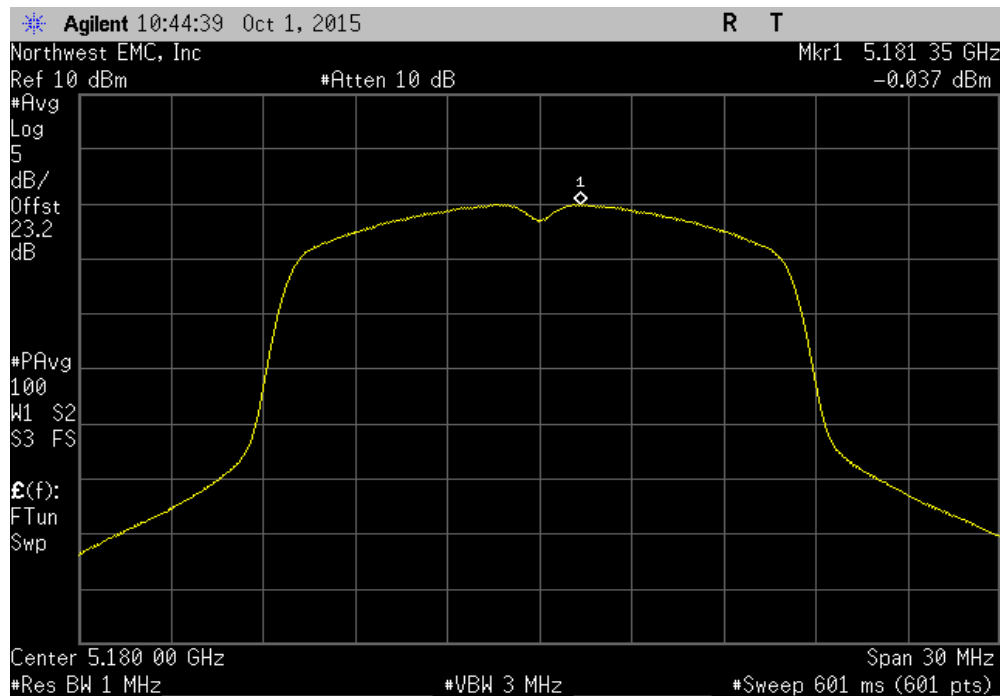


# MAXIMUM POWER SPECTRAL DENSITY

Ant 1, 802.11(a) 6 Mbps, 5470 - 5725 MHz Band, High Channel 140, 5700 MHz						
Power (dBm/MHz)	Duty Cycle Factor (dB)	Density (dBm/MHz)	Limit (dBm / Ref BW)	Results		
-2.254	1.1	-1.1	11	Pass		

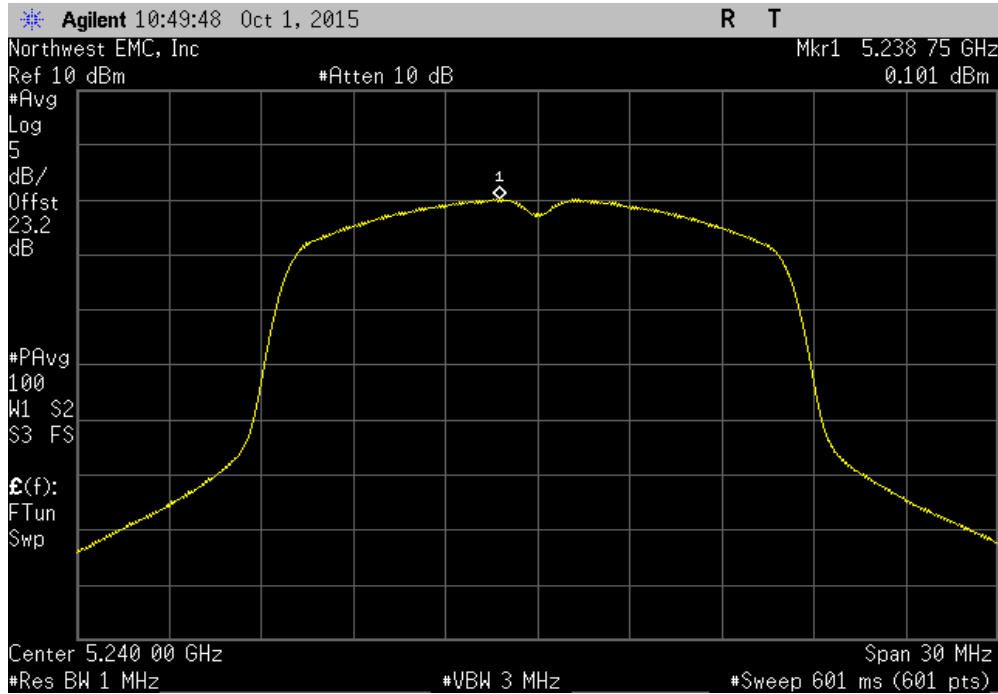


Ant 1, 802.11(a) 36 Mbps, 5150 - 5250 MHz Band, Low Channel 36, 5180 MHz						
Power (dBm/MHz)	Duty Cycle Factor (dB)	Density (dBm/MHz)	Limit (dBm / Ref BW)	Results		
-0.037	4.2	4.2	11	Pass		

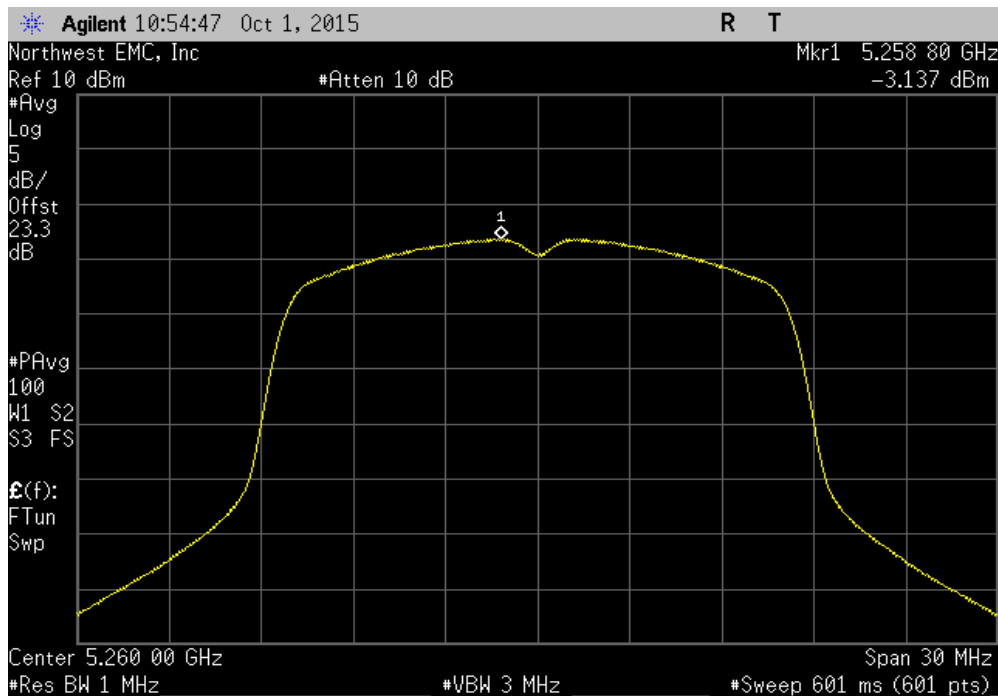


# MAXIMUM POWER SPECTRAL DENSITY

Ant 1, 802.11(a) 36 Mbps, 5150 - 5250 MHz Band, High Channel 48, 5240 MHz						
Power (dBm/MHz)	Duty Cycle Factor (dB)	Density (dBm/MHz)	Limit (dBm / Ref BW)	Results		
0.101	4.2	4.3	11	Pass		



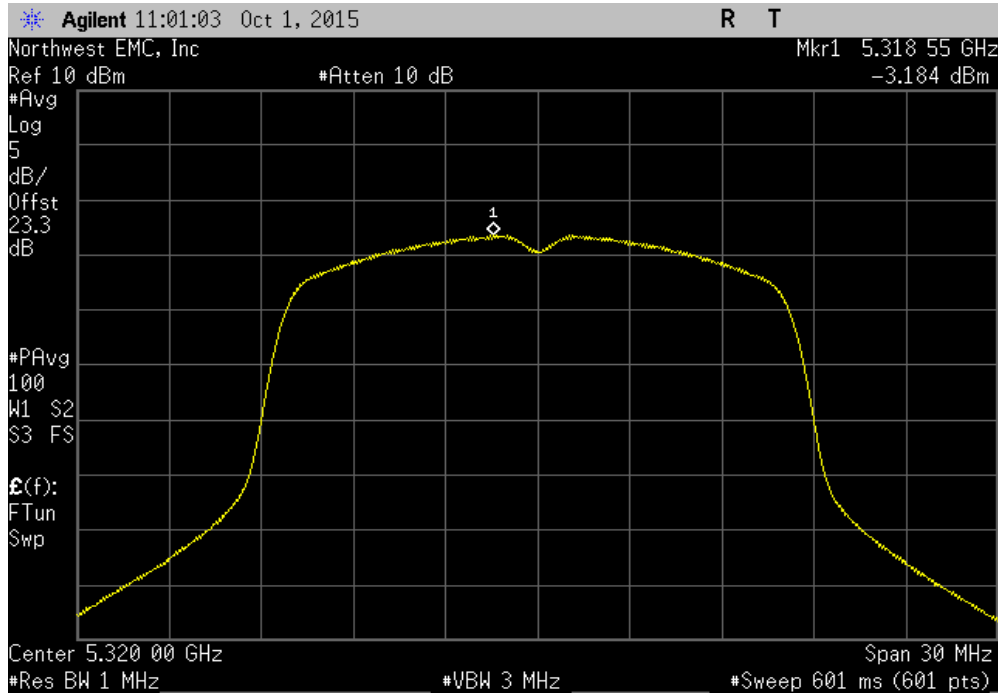
Ant 1, 802.11(a) 36 Mbps, 5250 - 5350 MHz Band, Low Channel 52, 5260 MHz						
Power (dBm/MHz)	Duty Cycle Factor (dB)	Density (dBm/MHz)	Limit (dBm / Ref BW)	Results		
-3.137	4.2	1	11	Pass		



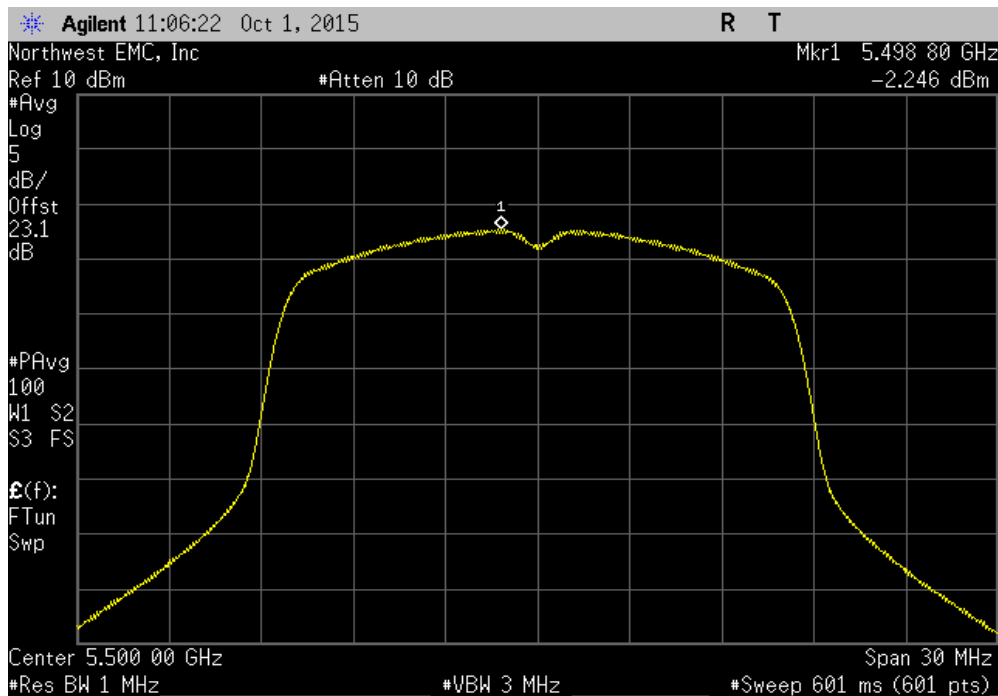


# MAXIMUM POWER SPECTRAL DENSITY

Ant 1, 802.11(a) 36 Mbps, 5250 - 5350 MHz Band, High Channel 64, 5320 MHz						
Power (dBm/MHz)	Duty Cycle Factor (dB)	Density (dBm/MHz)	Limit (dBm / Ref BW)	Results		
-3.184	4.2	1	11	Pass		

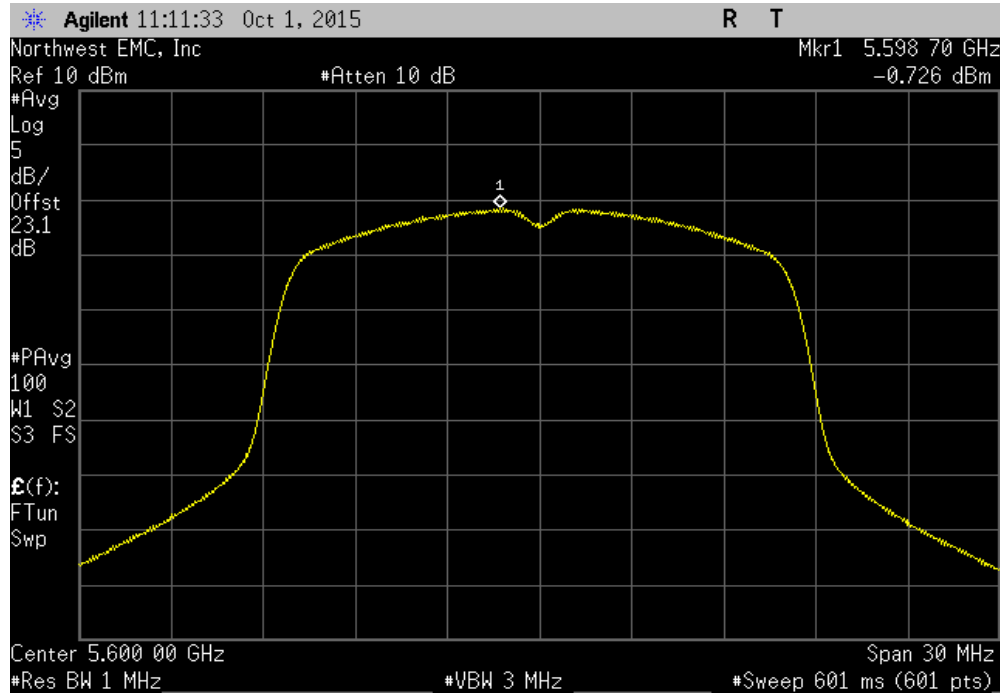


Ant 1, 802.11(a) 36 Mbps, 5470 - 5725 MHz Band, Low Channel 100, 5500 MHz						
Power (dBm/MHz)	Duty Cycle Factor (dB)	Density (dBm/MHz)	Limit (dBm / Ref BW)	Results		
-2.246	4.2	2	11	Pass		

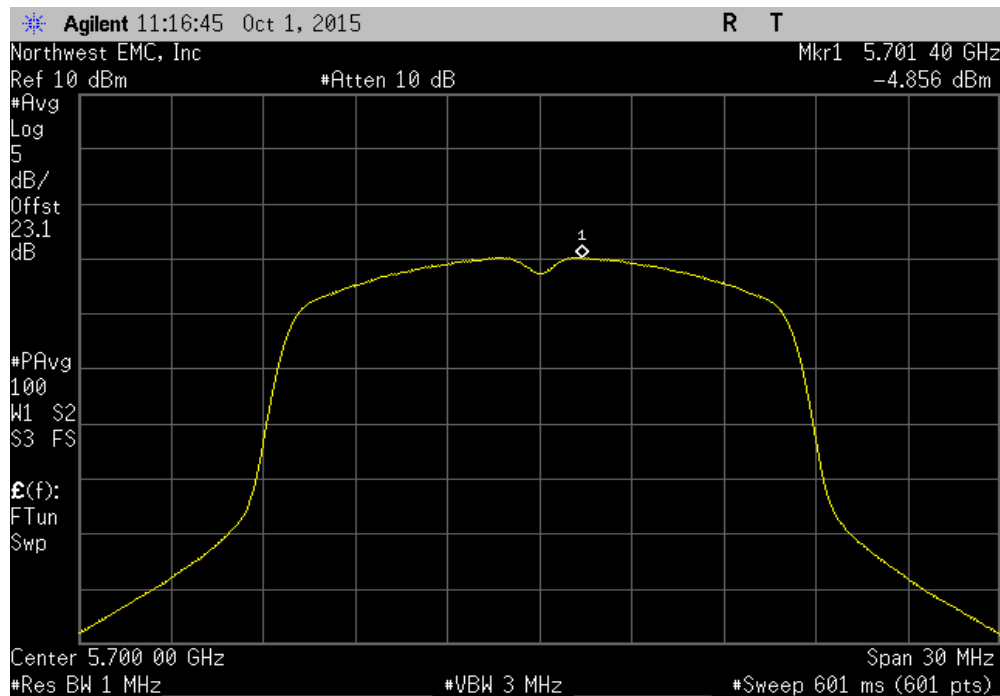


# MAXIMUM POWER SPECTRAL DENSITY

Ant 1, 802.11(a) 36 Mbps, 5470 - 5725 MHz Band, Mid Channel 120, 5600 MHz						
Power (dBm/MHz)	Duty Cycle Factor (dB)	Density (dBm/MHz)	Limit (dBm / Ref BW)	Results		
-0.726	4.2	3.5	11	Pass		

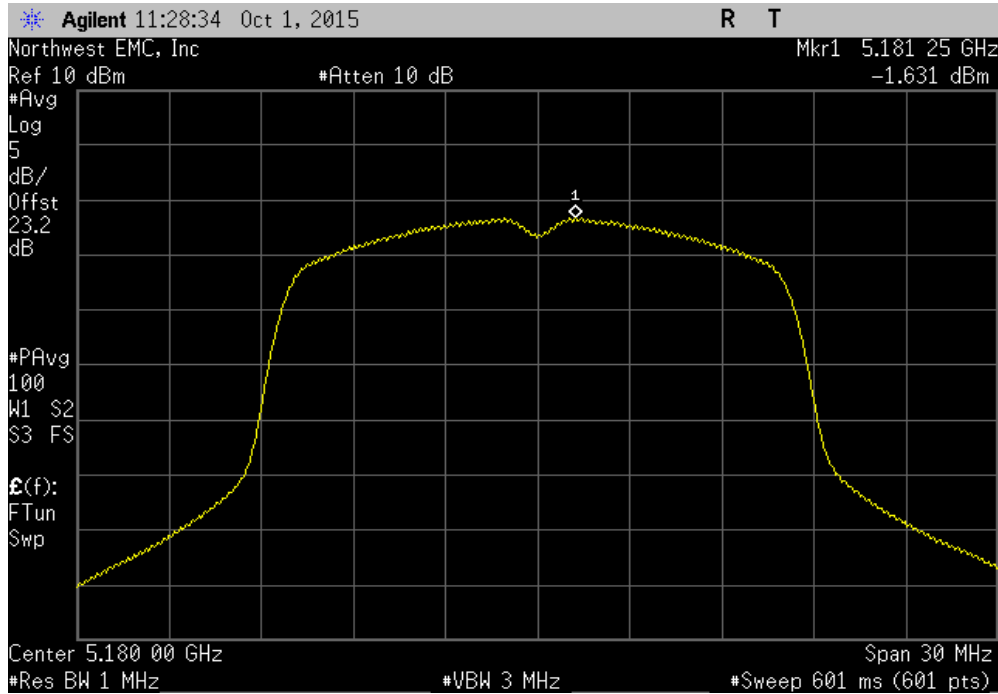


Ant 1, 802.11(a) 36 Mbps, 5470 - 5725 MHz Band, High Channel 140, 5700 MHz						
Power (dBm/MHz)	Duty Cycle Factor (dB)	Density (dBm/MHz)	Limit (dBm / Ref BW)	Results		
-4.856	4.2	-0.6	11	Pass		

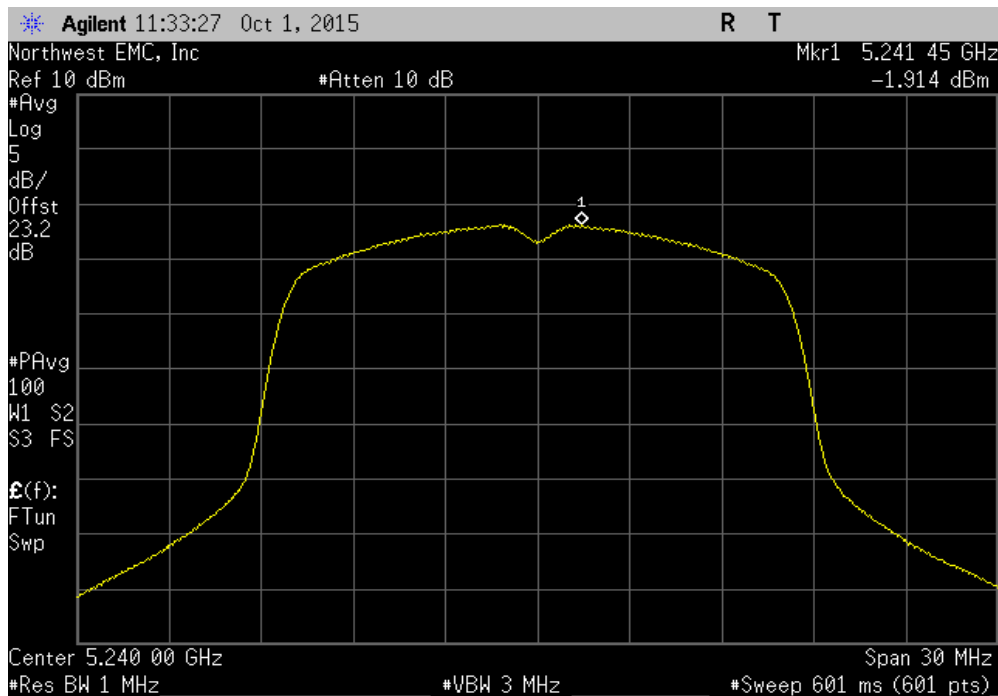


# MAXIMUM POWER SPECTRAL DENSITY

Ant 1, 802.11(a) 54 Mbps, 5150 - 5250 MHz Band, Low Channel 36, 5180 MHz						
Power (dBm/MHz)	Duty Cycle Factor (dB)	Density (dBm/MHz)	Limit ε (dBm / Ref BW)	Results		
-1.631	5.2	3.6	11	Pass		

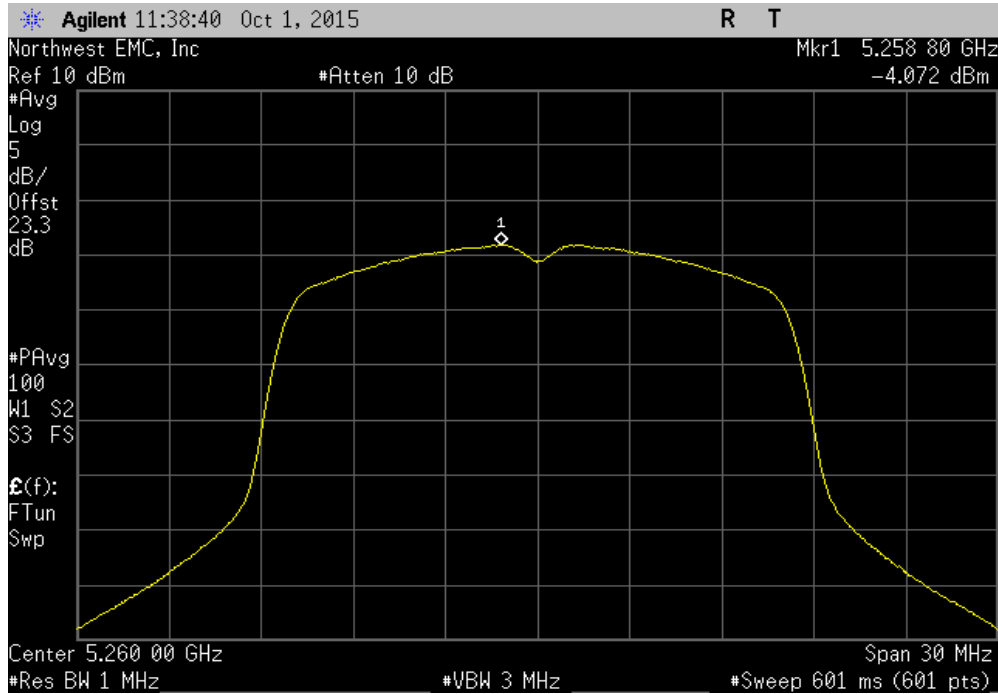


Ant 1, 802.11(a) 54 Mbps, 5150 - 5250 MHz Band, High Channel 48, 5240 MHz						
Power (dBm/MHz)	Duty Cycle Factor (dB)	Density (dBm/MHz)	Limit ε (dBm / Ref BW)	Results		
-1.914	5.2	3.3	11	Pass		

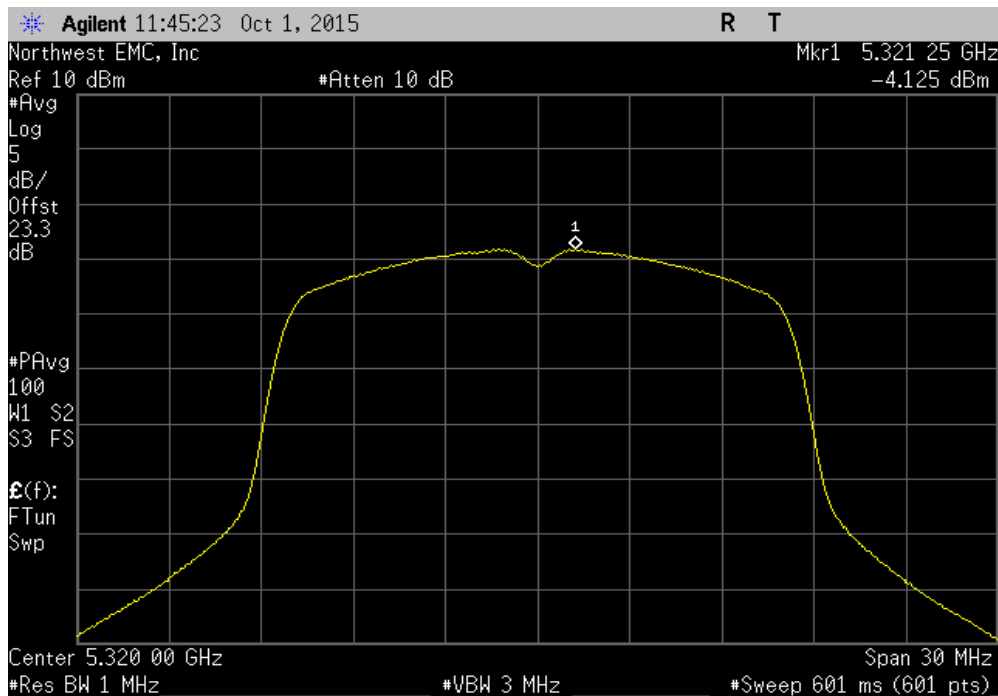


# MAXIMUM POWER SPECTRAL DENSITY

Ant 1, 802.11(a) 54 Mbps, 5250 - 5350 MHz Band, Low Channel 52, 5260 MHz						
Power (dBm/MHz)	Duty Cycle Factor (dB)	Density (dBm/MHz)	Limit ε (dBm / Ref BW)	Results		
-4.072	5.3	1.2	11	Pass		

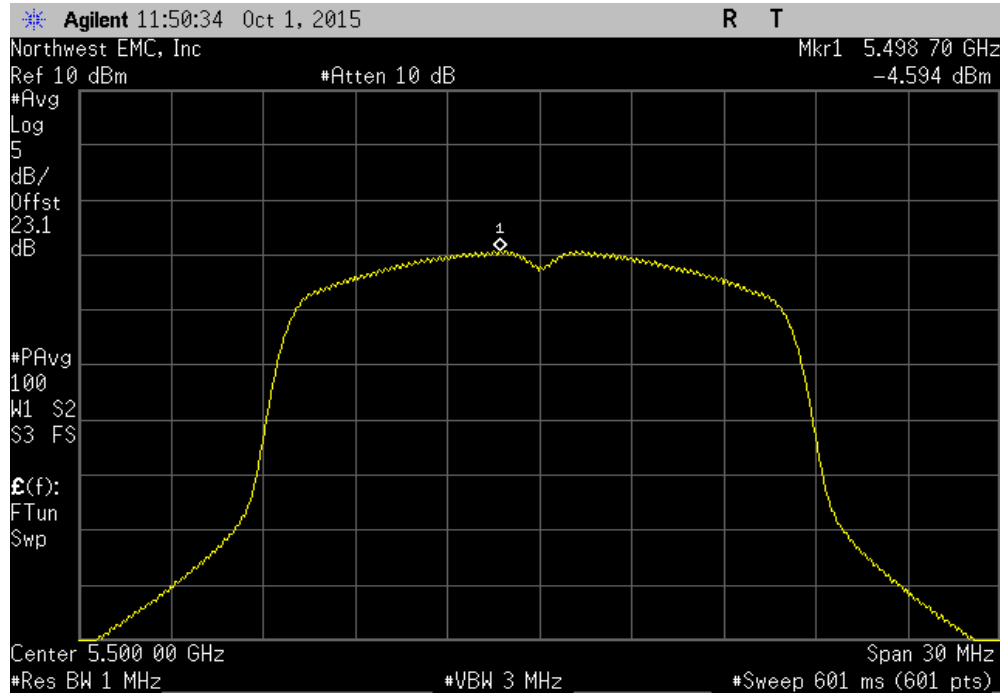


Ant 1, 802.11(a) 54 Mbps, 5250 - 5350 MHz Band, High Channel 64, 5320 MHz						
Power (dBm/MHz)	Duty Cycle Factor (dB)	Density (dBm/MHz)	Limit ε (dBm / Ref BW)	Results		
-4.125	5.3	1.2	11	Pass		

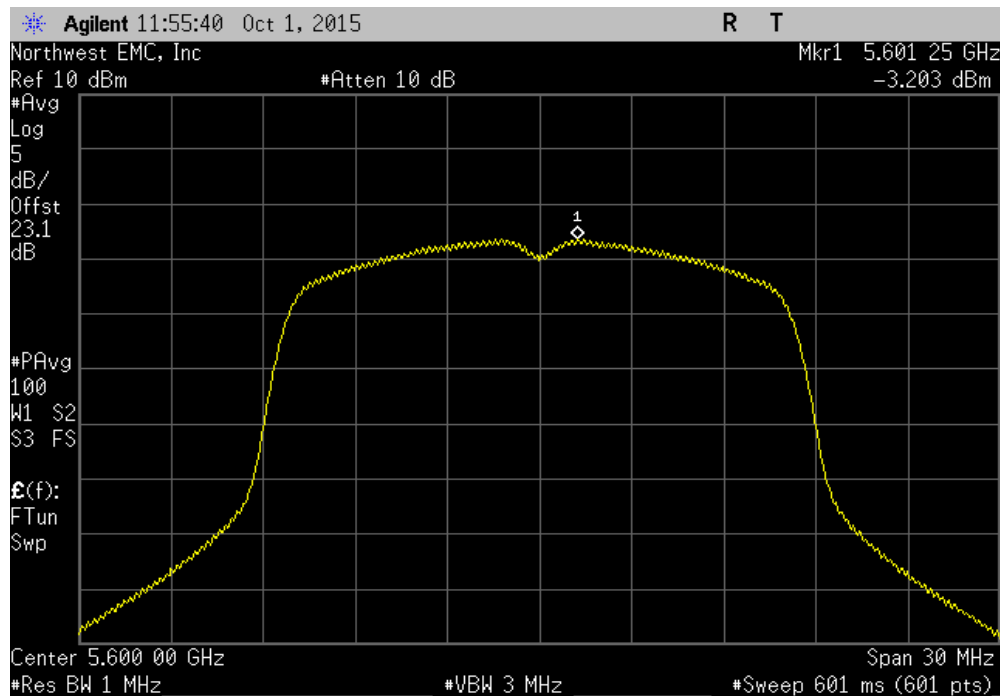


# MAXIMUM POWER SPECTRAL DENSITY

Ant 1, 802.11(a) 54 Mbps, 5470 - 5725 MHz Band, Low Channel 100, 5500 MHz						
Power (dBm/MHz)	Duty Cycle Factor (dB)	Density (dBm/MHz)	Limit (dBm / Ref BW)	Results		
-4.594	5.2	0.6	11	Pass		

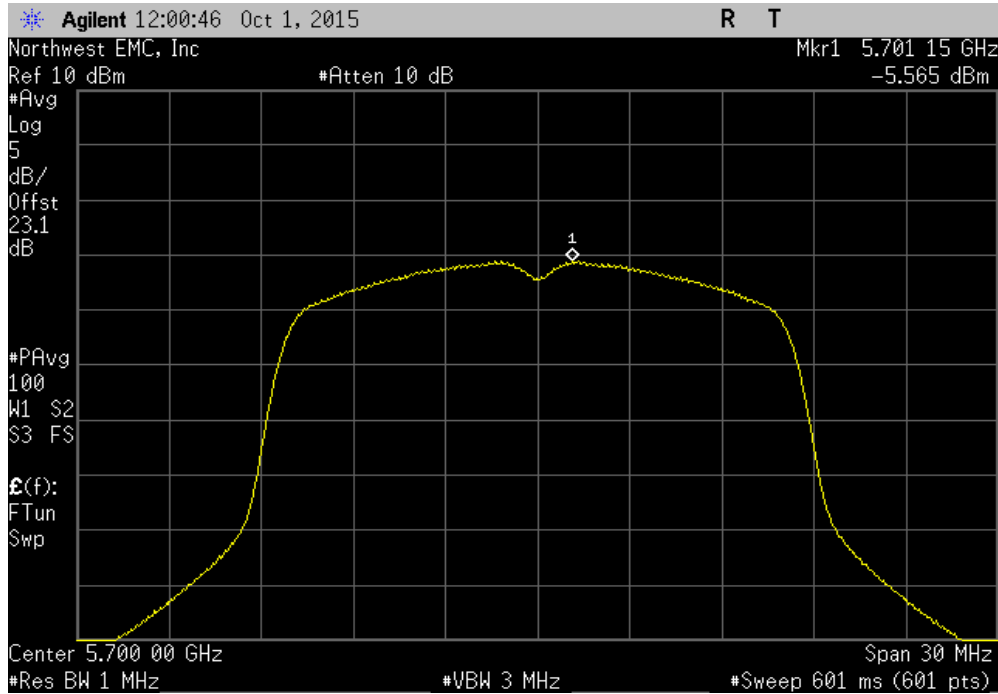


Ant 1, 802.11(a) 54 Mbps, 5470 - 5725 MHz Band, Mid Channel 120, 5600 MHz						
Power (dBm/MHz)	Duty Cycle Factor (dB)	Density (dBm/MHz)	Limit (dBm / Ref BW)	Results		
-3.203	5.3	2.1	11	Pass		

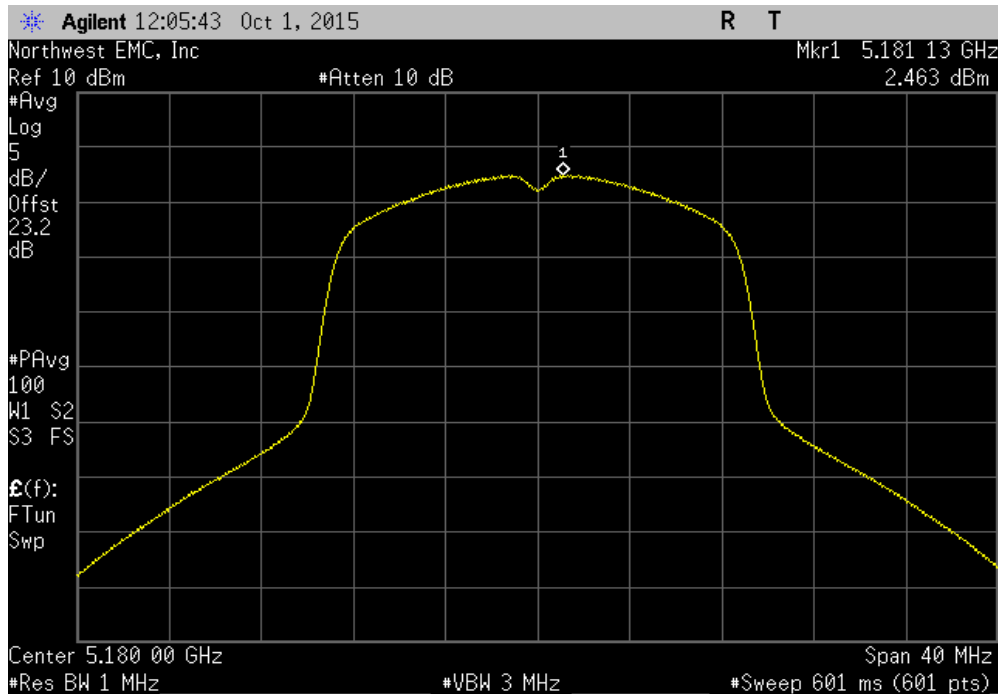


# MAXIMUM POWER SPECTRAL DENSITY

Ant 1, 802.11(a) 54 Mbps, 5470 - 5725 MHz Band, High Channel 140, 5700 MHz						
Power (dBm/MHz)	Duty Cycle Factor (dB)	Density (dBm/MHz)	Limit (dBm / Ref BW)	Results		
-5.565	5.3	-0.3	11	Pass		

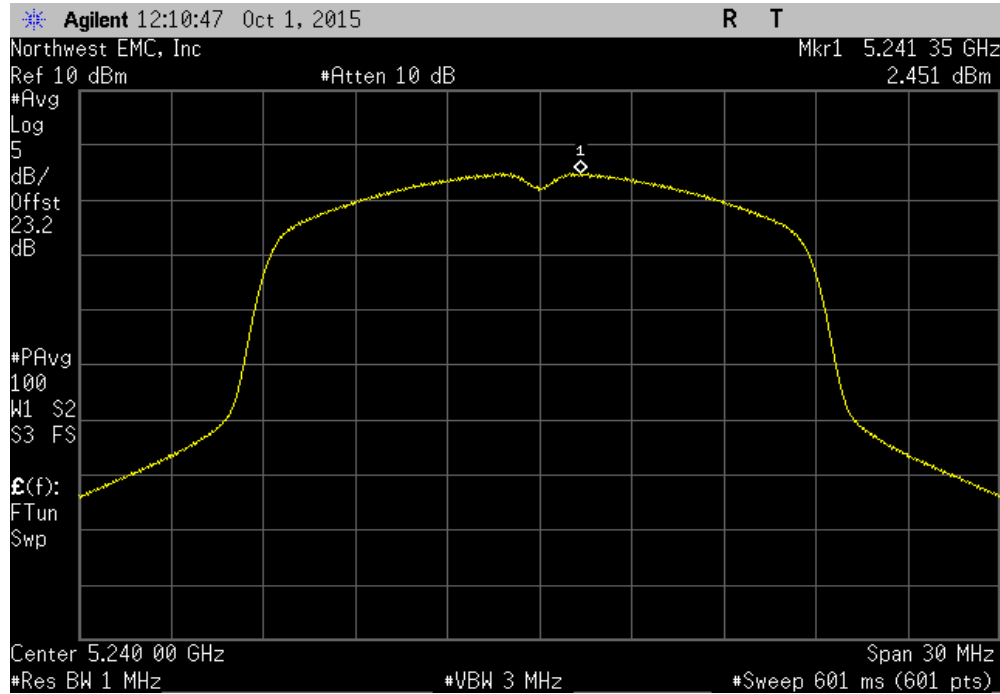


Ant 1, 802.11(n) MCS0, 5150 - 5250 MHz Band, Low Channel 36, 5180 MHz						
Power (dBm/MHz)	Duty Cycle Factor (dB)	Density (dBm/MHz)	Limit (dBm / Ref BW)	Results		
2.463	1.2	3.6	11	Pass		

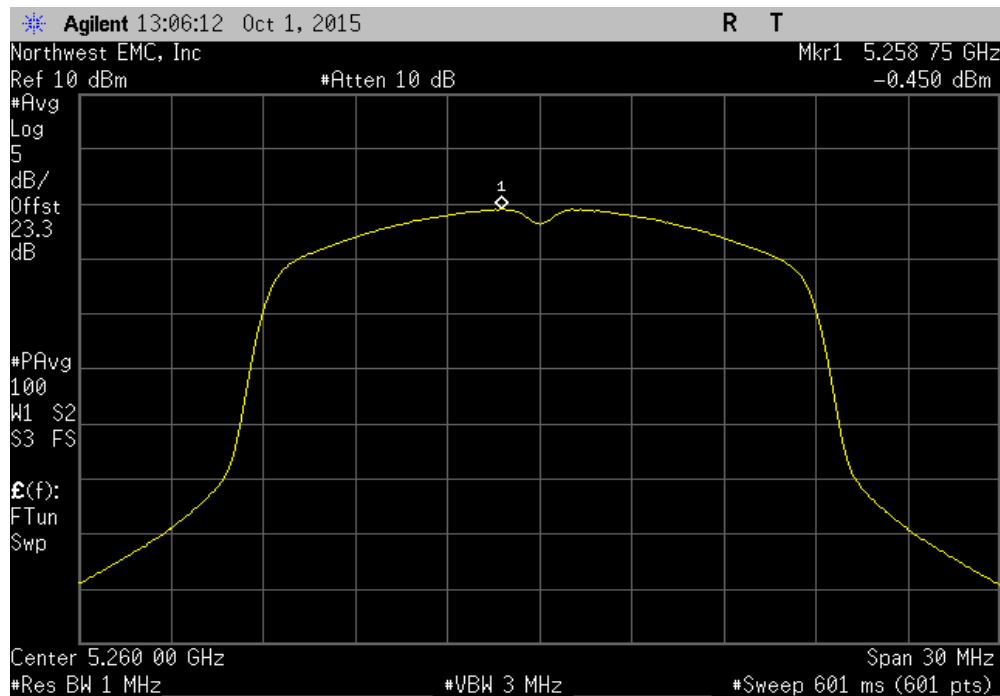


# MAXIMUM POWER SPECTRAL DENSITY

Ant 1, 802.11(n) MCS0, 5150 - 5250 MHz Band, High Channel 48, 5240 MHz						
Power (dBm/MHz)	Duty Cycle Factor (dB)	Density (dBm/MHz)	Limit ε (dBm / Ref BW)	Results		
2.451	1.2	3.6	11	Pass		

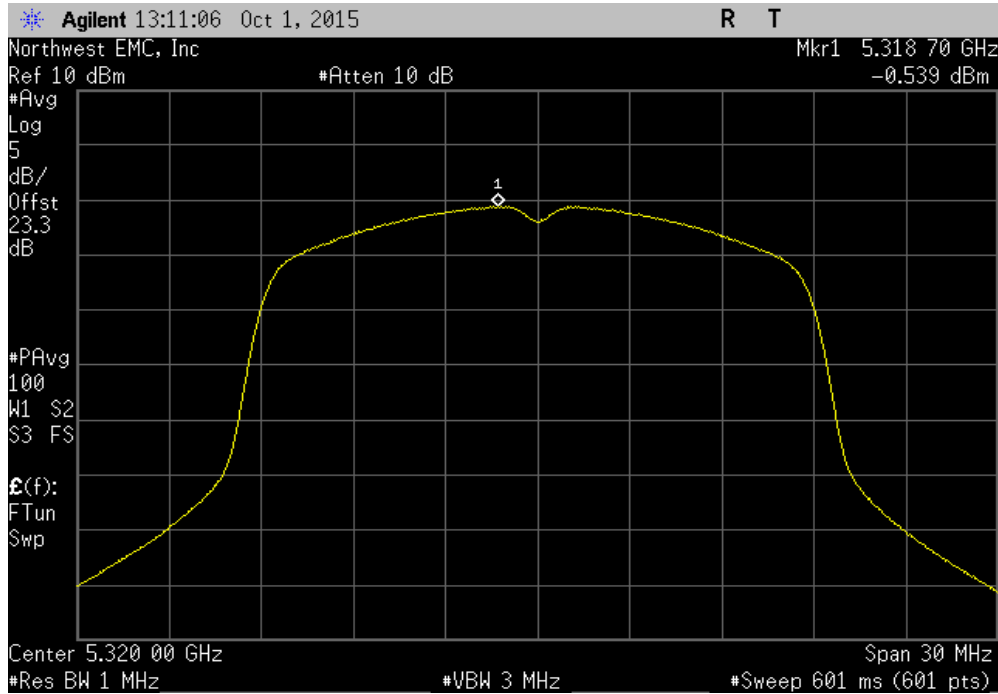


Ant 1, 802.11(n) MCS0, 5250 - 5350 MHz Band, Low Channel 52, 5260 MHz						
Power (dBm/MHz)	Duty Cycle Factor (dB)	Density (dBm/MHz)	Limit ε (dBm / Ref BW)	Results		
-0.45	1.2	0.7	11	Pass		

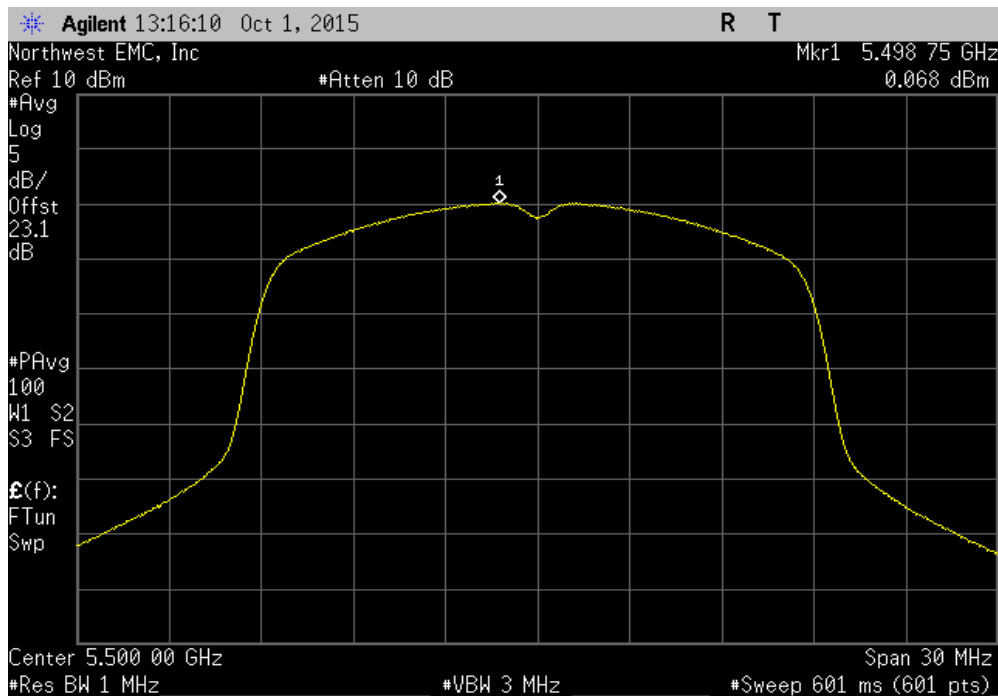


# MAXIMUM POWER SPECTRAL DENSITY

Ant 1, 802.11(n) MCS0, 5250 - 5350 MHz Band, High Channel 64, 5320 MHz						
Power (dBm/MHz)	Duty Cycle Factor (dB)	Density (dBm/MHz)	Limit ε (dBm / Ref BW)	Results		
-0.539	1.2	0.6	11	Pass		



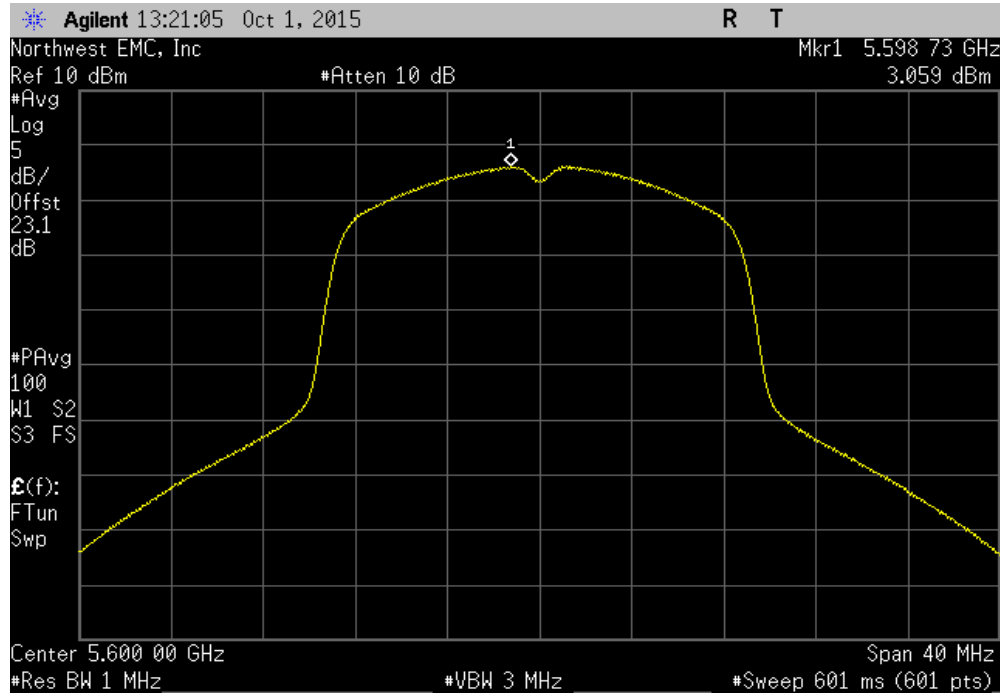
Ant 1, 802.11(n) MCS0, 5470 - 5725 MHz Band, Low Channel 100, 5500 MHz						
Power (dBm/MHz)	Duty Cycle Factor (dB)	Density (dBm/MHz)	Limit ε (dBm / Ref BW)	Results		
0.068	1.2	1.3	11	Pass		



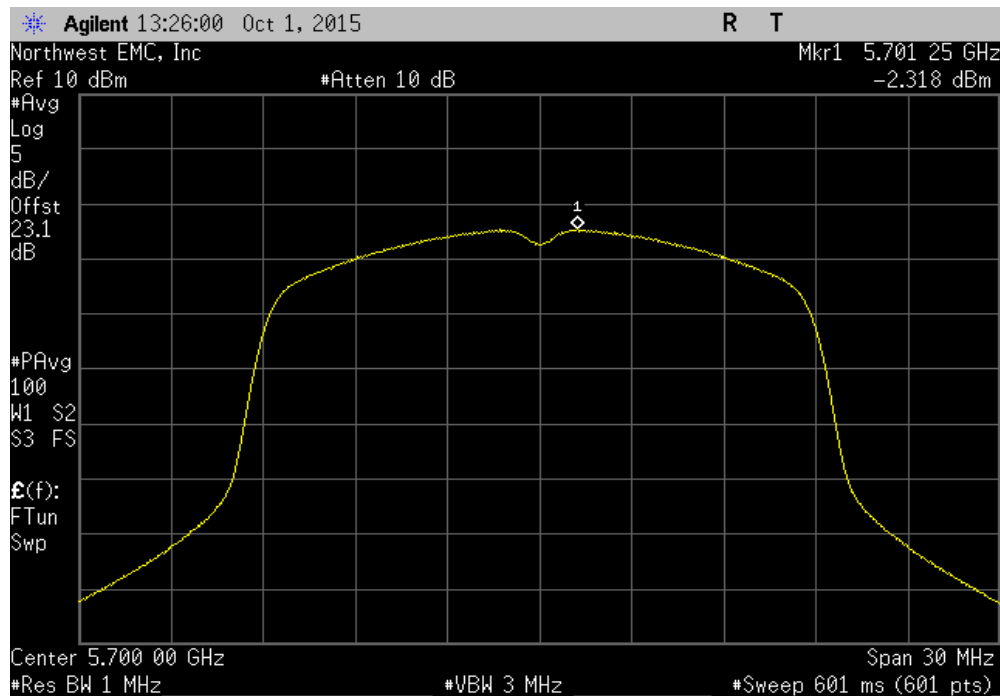


# MAXIMUM POWER SPECTRAL DENSITY

Ant 1, 802.11(n) MCS0, 5470 - 5725 MHz Band, Mid Channel 120, 5600 MHz						
Power (dBm/MHz)	Duty Cycle Factor (dB)	Density (dBm/MHz)	Limit ε (dBm / Ref BW)	Results		
3.059	1.2	4.2	11	Pass		

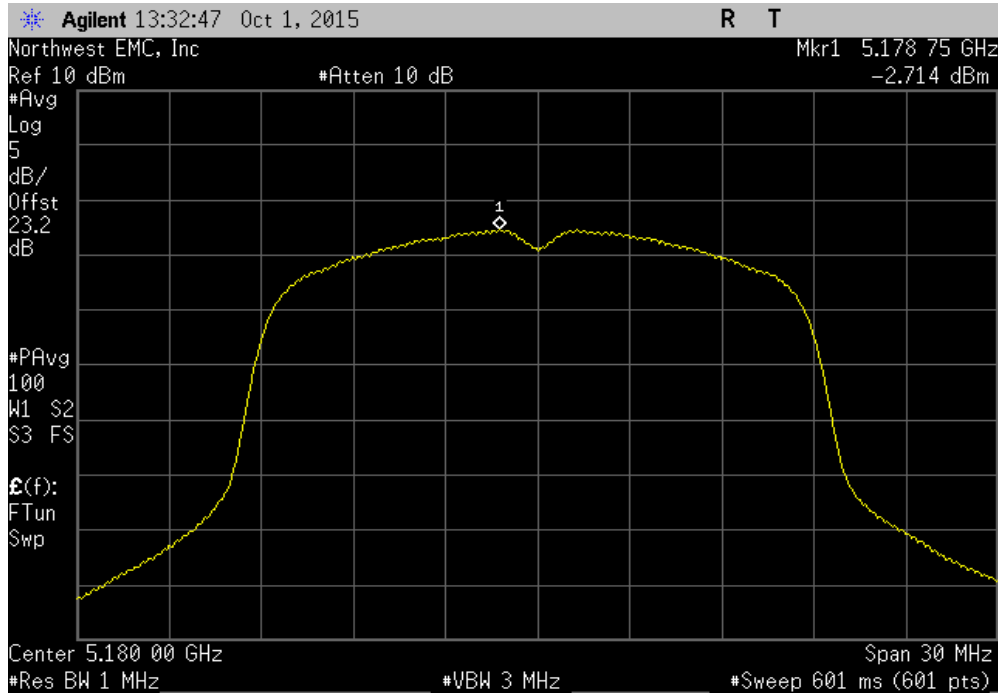


Ant 1, 802.11(n) MCS0, 5470 - 5725 MHz Band, High Channel 140, 5700 MHz						
Power (dBm/MHz)	Duty Cycle Factor (dB)	Density (dBm/MHz)	Limit ε (dBm / Ref BW)	Results		
-2.318	1.2	-1.1	11	Pass		

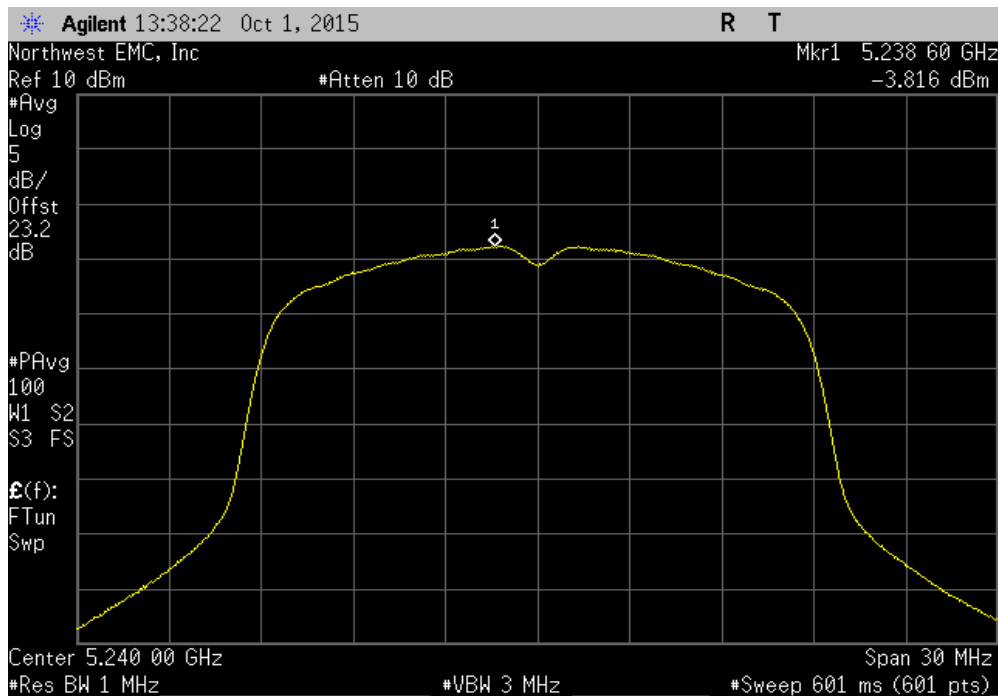


# MAXIMUM POWER SPECTRAL DENSITY

Ant 1, 802.11(n) MCS7, 5150 - 5250 MHz Band, Low Channel 36, 5180 MHz						
Power (dBm/MHz)	Duty Cycle Factor (dB)	Density (dBm/MHz)	Limit ε (dBm / Ref BW)	Results		
-2.714	5.5	2.7	11	Pass		

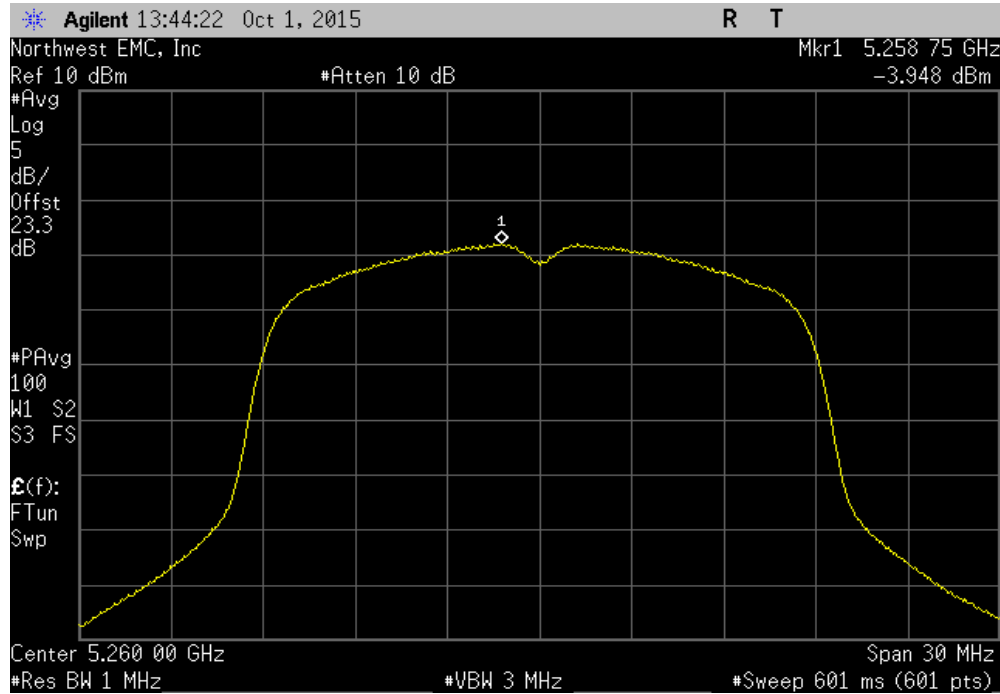


Ant 1, 802.11(n) MCS7, 5150 - 5250 MHz Band, High Channel 48, 5240 MHz						
Power (dBm/MHz)	Duty Cycle Factor (dB)	Density (dBm/MHz)	Limit ε (dBm / Ref BW)	Results		
-3.816	5.5	1.6	11	Pass		

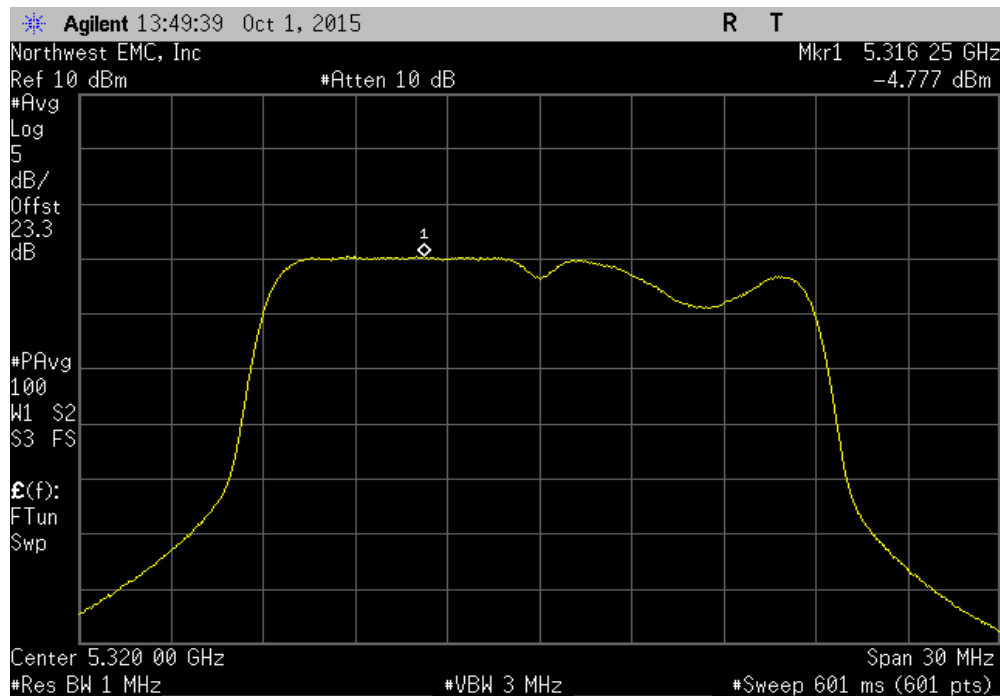


# MAXIMUM POWER SPECTRAL DENSITY

Ant 1, 802.11(n) MCS7, 5250 - 5350 MHz Band, Low Channel 52, 5260 MHz						
Power (dBm/MHz)	Duty Cycle Factor (dB)	Density (dBm/MHz)	Limit (dBm / Ref BW)	Results		
-3.948	5.5	1.5	11	Pass		

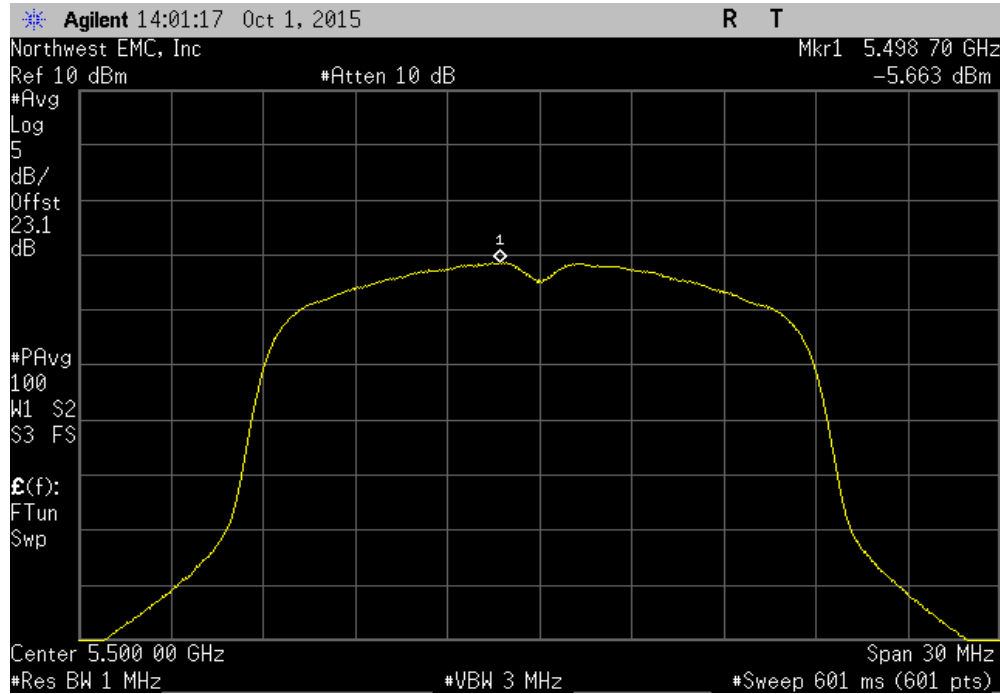


Ant 1, 802.11(n) MCS7, 5250 - 5350 MHz Band, High Channel 64, 5320 MHz						
Power (dBm/MHz)	Duty Cycle Factor (dB)	Density (dBm/MHz)	Limit (dBm / Ref BW)	Results		
-4.777	5.5	0.7	11	Pass		

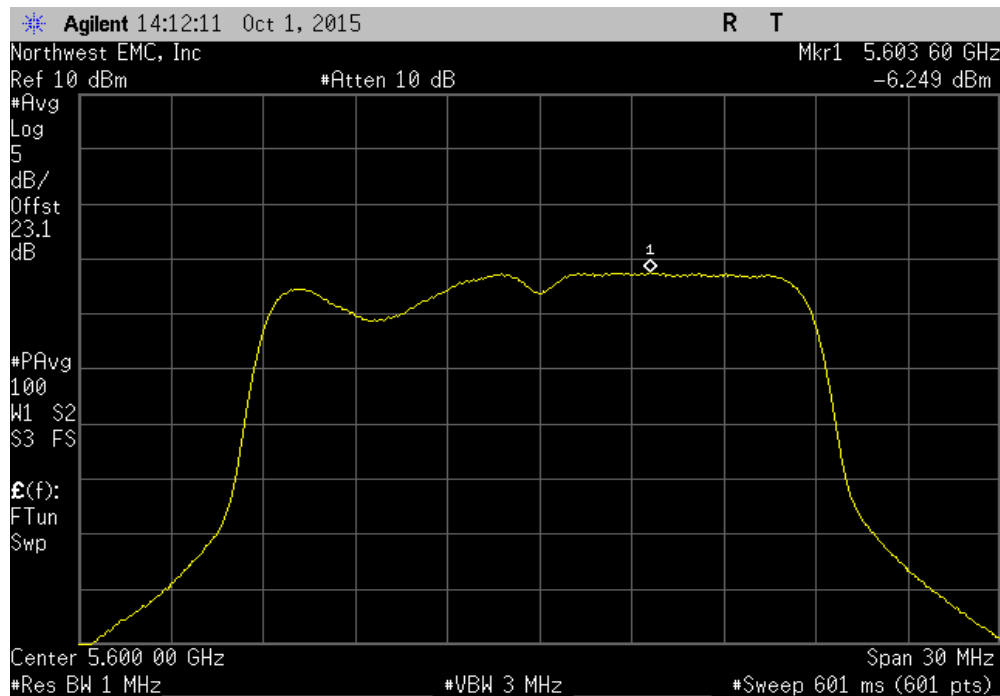


# MAXIMUM POWER SPECTRAL DENSITY

Ant 1, 802.11(n) MCS7, 5470 - 5725 MHz Band, Low Channel 100, 5500 MHz						
Power (dBm/MHz)	Duty Cycle Factor (dB)	Density (dBm/MHz)	Limit (dBm / Ref BW)	Results		
-5.663	5.5	-0.1	11	Pass		

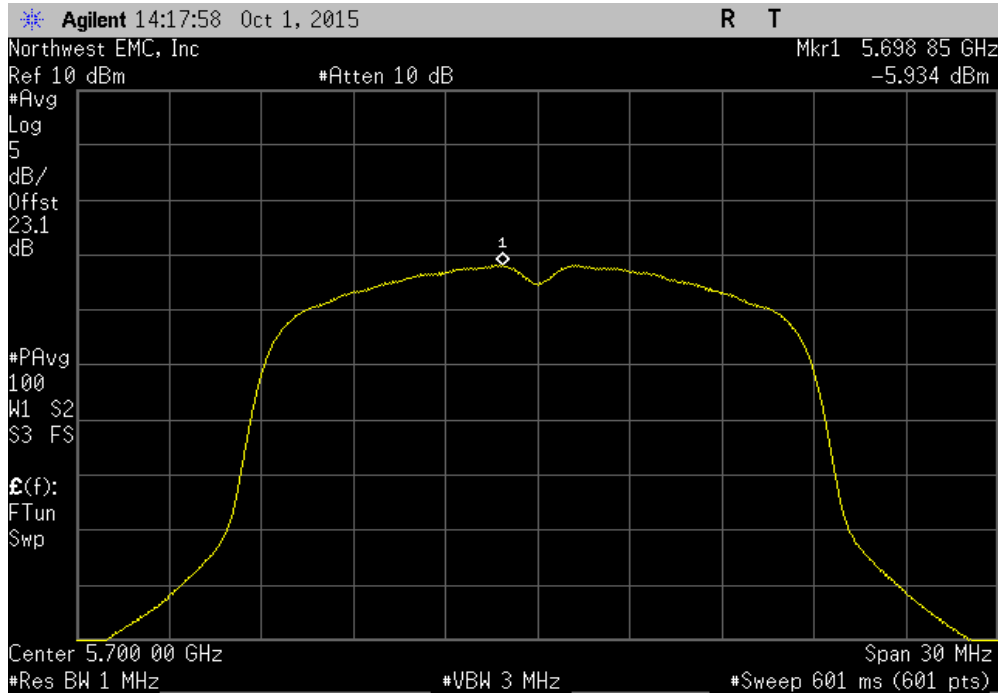


Ant 1, 802.11(n) MCS7, 5470 - 5725 MHz Band, Mid Channel 120, 5600 MHz						
Power (dBm/MHz)	Duty Cycle Factor (dB)	Density (dBm/MHz)	Limit (dBm / Ref BW)	Results		
-6.249	5.5	-0.8	11	Pass		

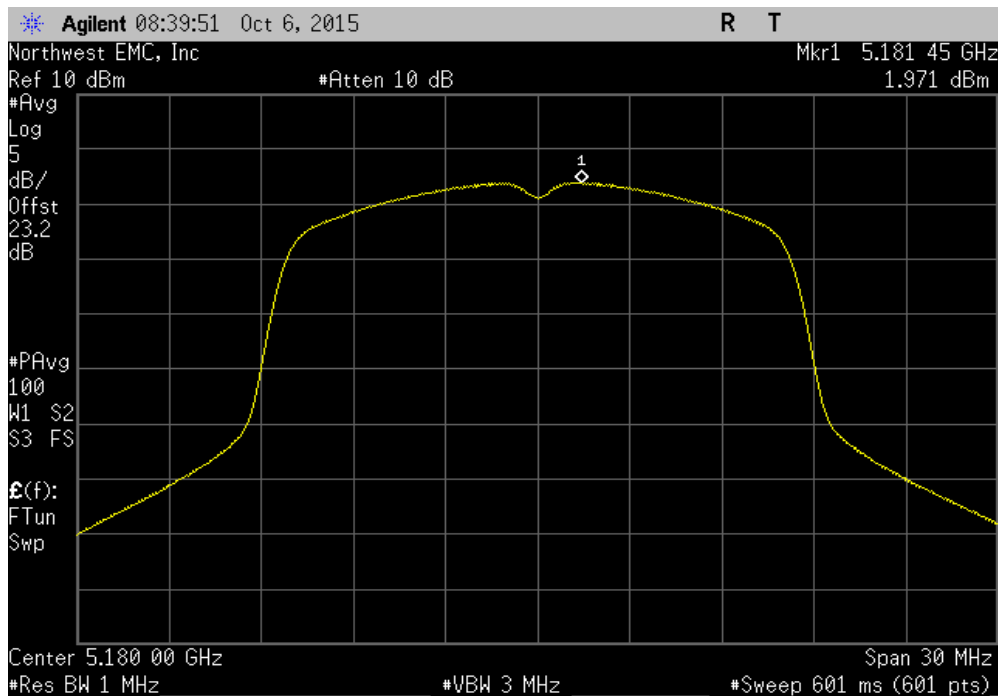


# MAXIMUM POWER SPECTRAL DENSITY

Ant 1, 802.11(n) MCS7, 5470 - 5725 MHz Band, High Channel 140, 5700 MHz						
Power (dBm/MHz)	Duty Cycle Factor (dB)	Density (dBm/MHz)	Limit (dBm / Ref BW)	Results		
-5.934	5.5	-0.4	11	Pass		

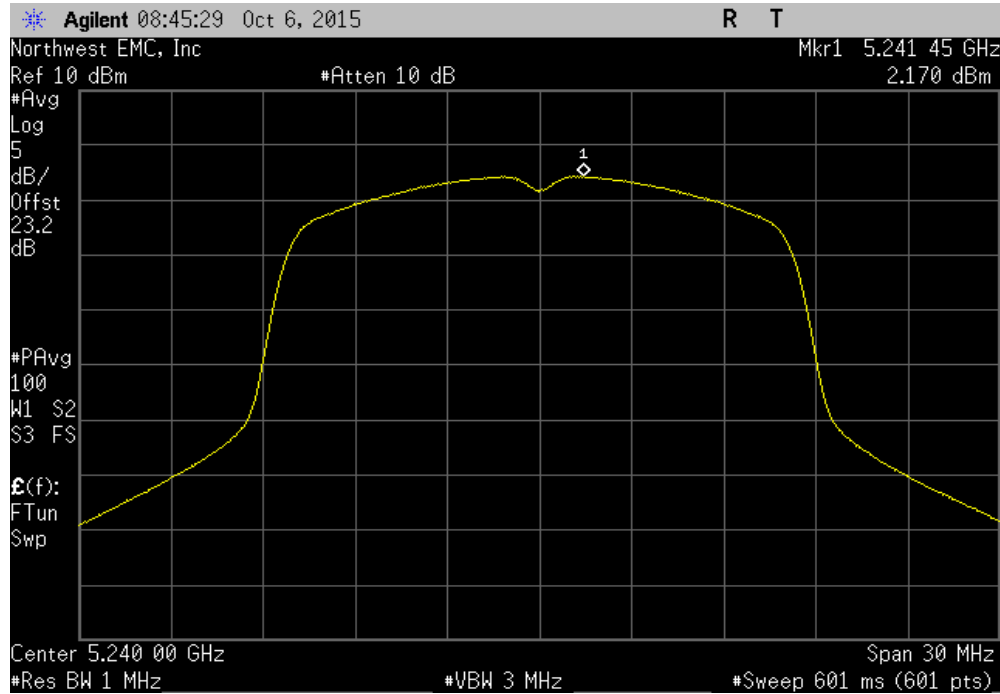


Ant 2, 802.11(a) 6 Mbps, 5150 - 5250 MHz Band, Low Channel 36, 5180 MHz						
Power (dBm/MHz)	Duty Cycle Factor (dB)	Density (dBm/MHz)	Limit (dBm / Ref BW)	Results		
1.971	1.1	3.1	11	Pass		

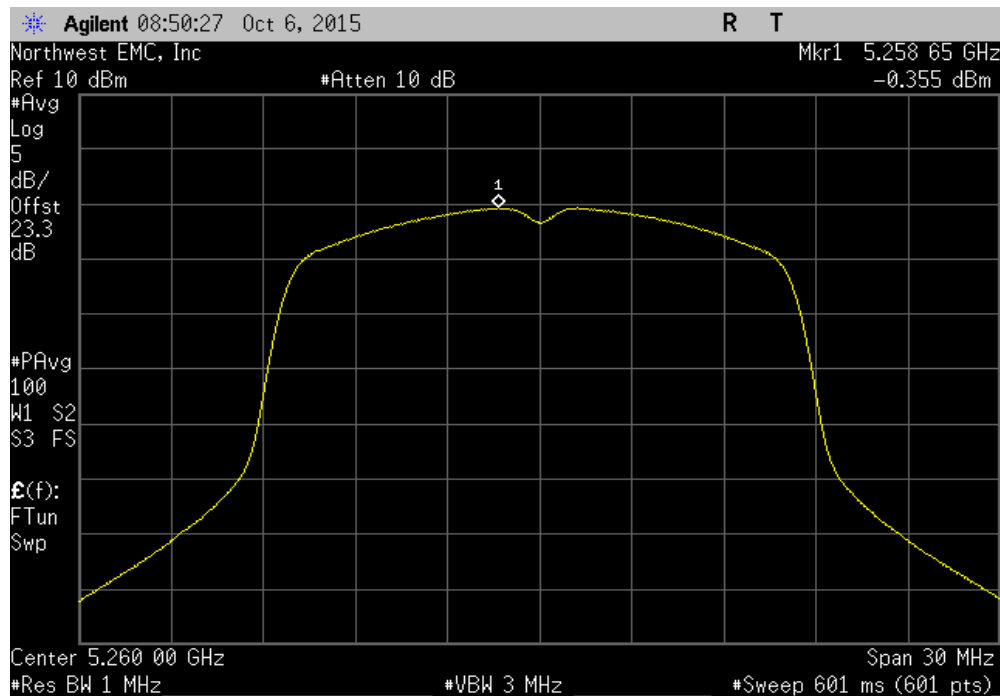


# MAXIMUM POWER SPECTRAL DENSITY

Ant 2, 802.11(a) 6 Mbps, 5150 - 5250 MHz Band, High Channel 48, 5240 MHz						
Power (dBm/MHz)	Duty Cycle Factor (dB)	Density (dBm/MHz)	Limit ε (dBm / Ref BW)	Results		
2.17	1.1	3.3	11	Pass		

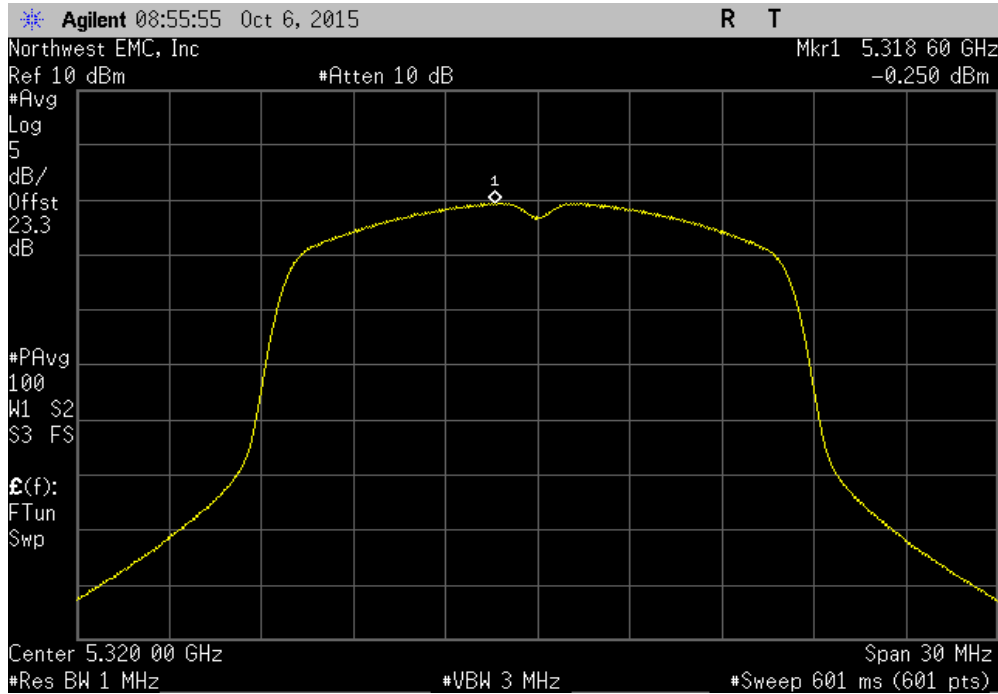


Ant 2, 802.11(a) 6 Mbps, 5250 - 5350 MHz Band, Low Channel 52, 5260 MHz						
Power (dBm/MHz)	Duty Cycle Factor (dB)	Density (dBm/MHz)	Limit ε (dBm / Ref BW)	Results		
-0.355	1.1	0.8	11	Pass		

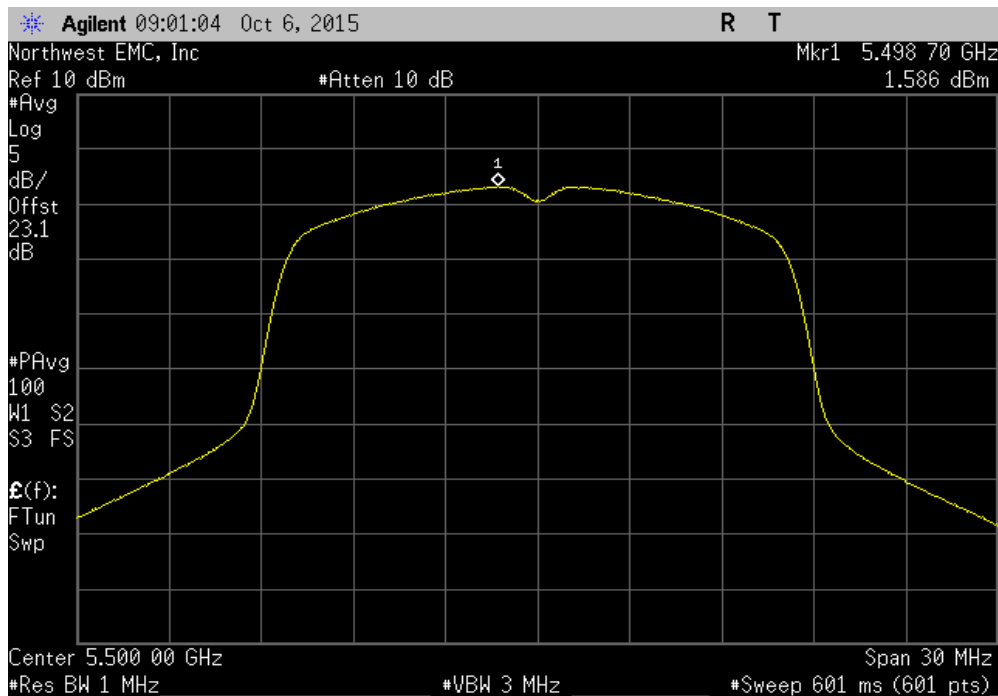


# MAXIMUM POWER SPECTRAL DENSITY

Ant 2, 802.11(a) 6 Mbps, 5250 - 5350 MHz Band, High Channel 64, 5320 MHz						
Power (dBm/MHz)	Duty Cycle Factor (dB)	Density (dBm/MHz)	Limit (dBm / Ref BW)	Results		
-0.25	1.1	0.9	11	Pass		

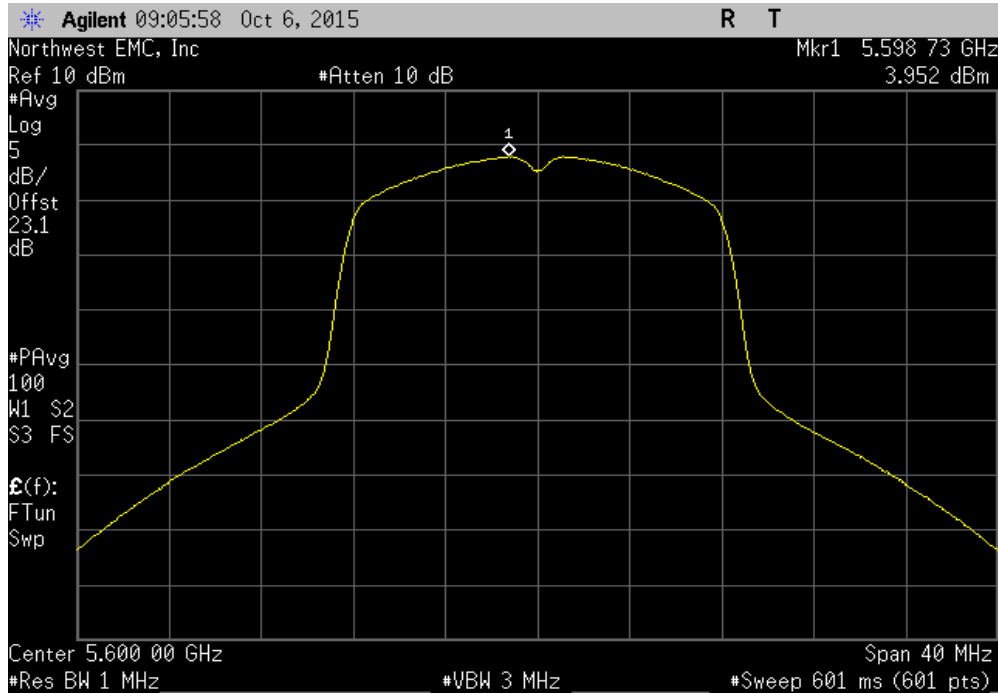


Ant 2, 802.11(a) 6 Mbps, 5470 - 5725 MHz Band, Low Channel 100, 5500 MHz						
Power (dBm/MHz)	Duty Cycle Factor (dB)	Density (dBm/MHz)	Limit (dBm / Ref BW)	Results		
1.586	1.1	2.7	11	Pass		

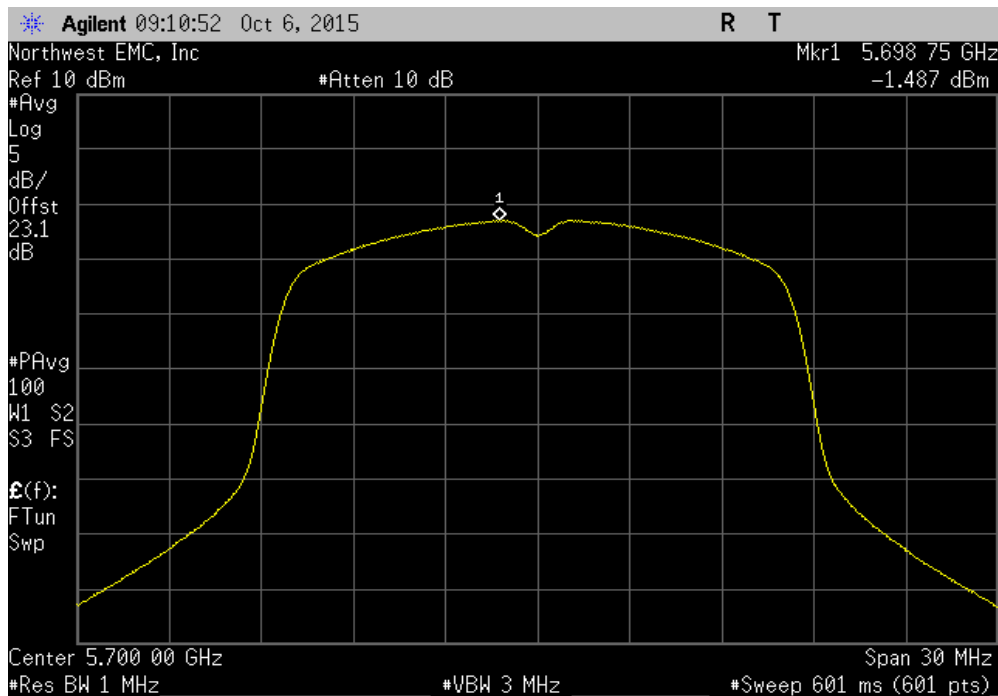


# MAXIMUM POWER SPECTRAL DENSITY

Ant 2, 802.11(a) 6 Mbps, 5470 - 5725 MHz Band, Mid Channel 120, 5600 MHz						
Power (dBm/MHz)	Duty Cycle Factor (dB)	Density (dBm/MHz)	Limit ε (dBm / Ref BW)	Results		
3.952	1.1	5	11	Pass		



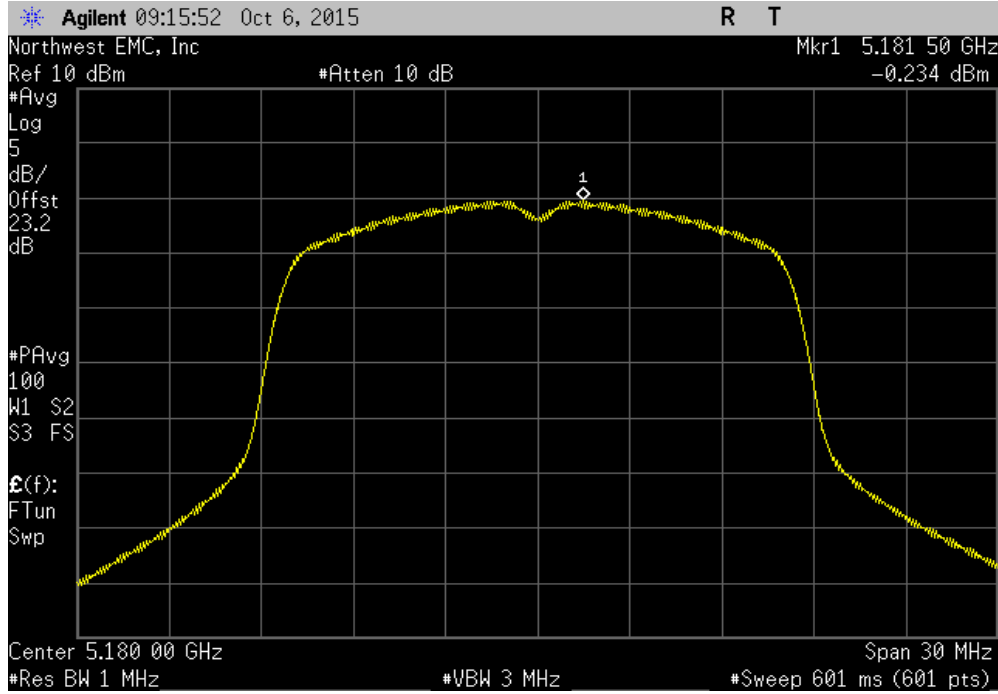
Ant 2, 802.11(a) 6 Mbps, 5470 - 5725 MHz Band, High Channel 140, 5700 MHz						
Power (dBm/MHz)	Duty Cycle Factor (dB)	Density (dBm/MHz)	Limit ε (dBm / Ref BW)	Results		
-1.487	1.1	-0.4	11	Pass		



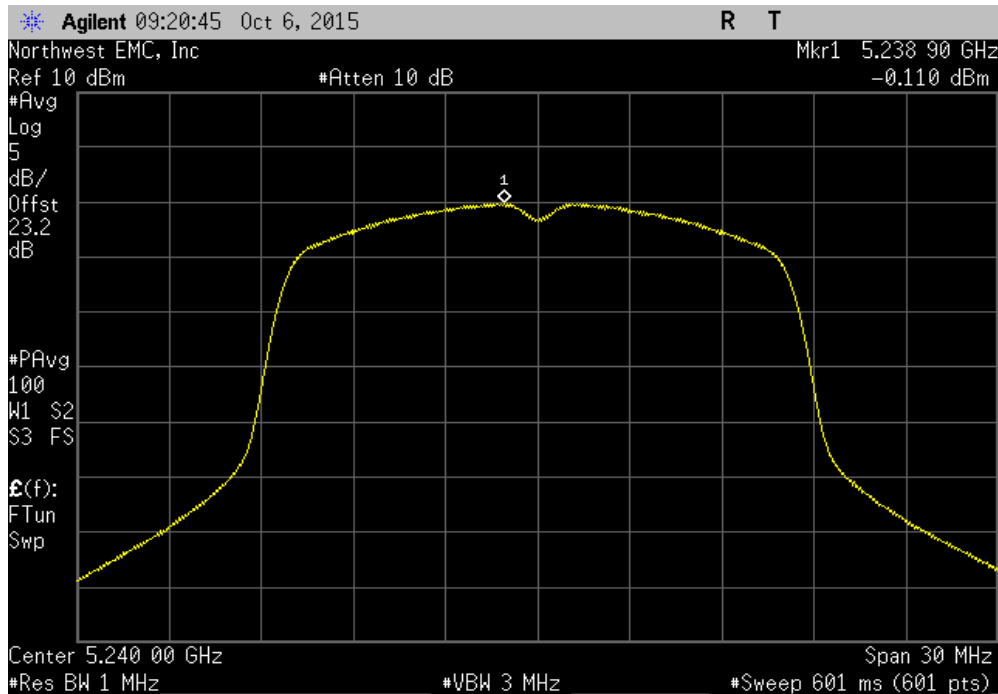


# MAXIMUM POWER SPECTRAL DENSITY

Ant 2, 802.11(a) 36 Mbps, 5150 - 5250 MHz Band, Low Channel 36, 5180 MHz						
Power (dBm/MHz)	Duty Cycle Factor (dB)	Density (dBm/MHz)	Limit (dBm / Ref BW)	Results		
-0.234	4.2	4	11	Pass		

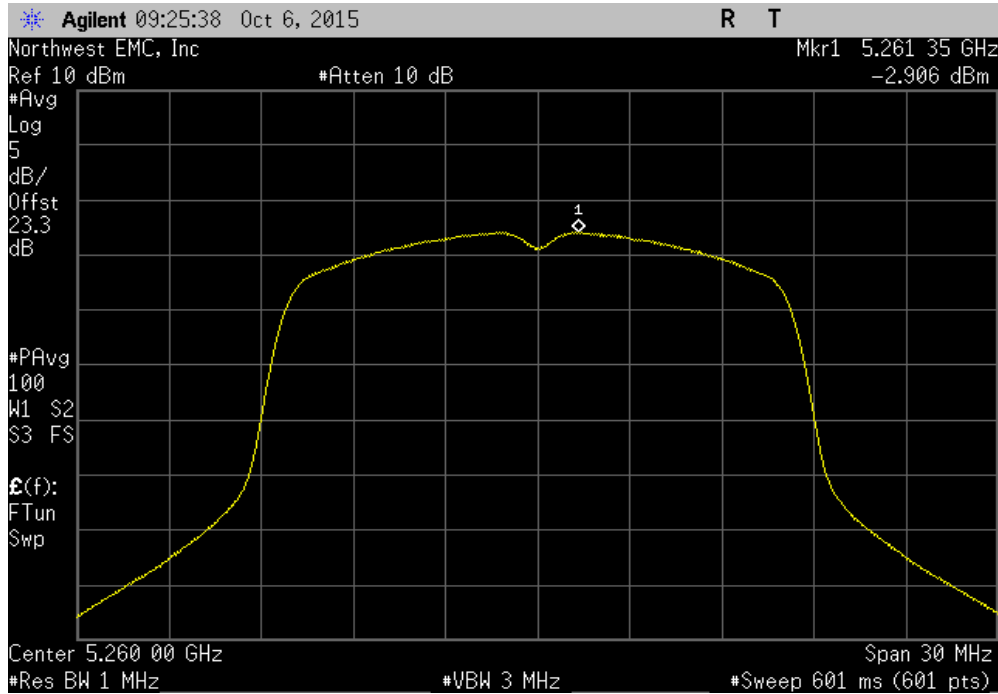


Ant 2, 802.11(a) 36 Mbps, 5150 - 5250 MHz Band, High Channel 48, 5240 MHz						
Power (dBm/MHz)	Duty Cycle Factor (dB)	Density (dBm/MHz)	Limit (dBm / Ref BW)	Results		
-0.11	4.2	4.1	11	Pass		

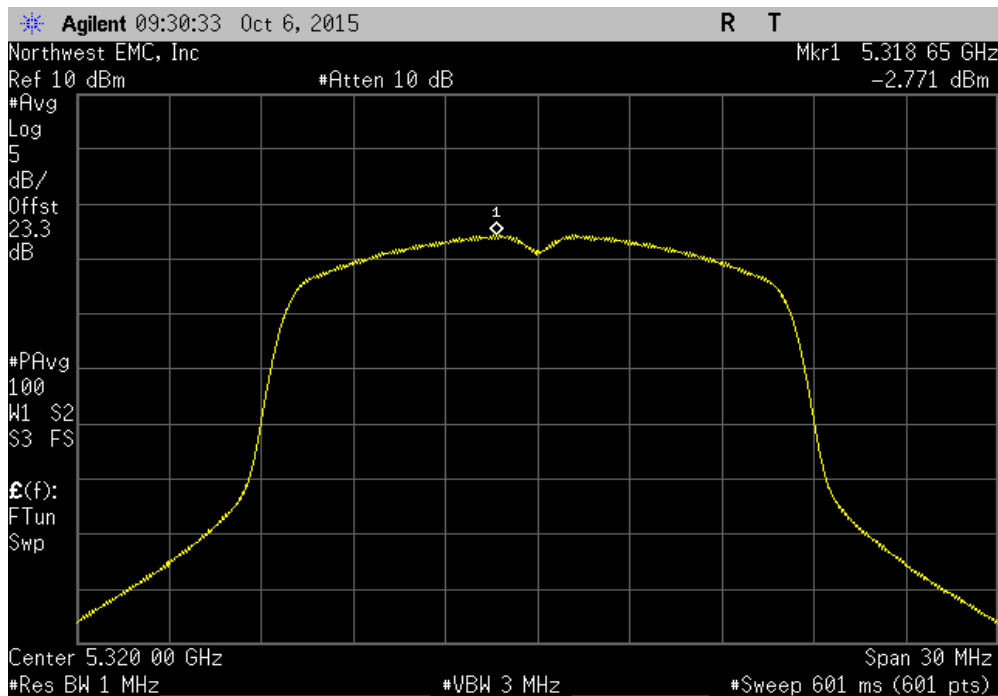


# MAXIMUM POWER SPECTRAL DENSITY

Ant 2, 802.11(a) 36 Mbps, 5250 - 5350 MHz Band, Low Channel 52, 5260 MHz						
Power (dBm/MHz)	Duty Cycle Factor (dB)	Density (dBm/MHz)	Limit (dBm / Ref BW)	Results		
-2.906	4.2	1.3	11	Pass		

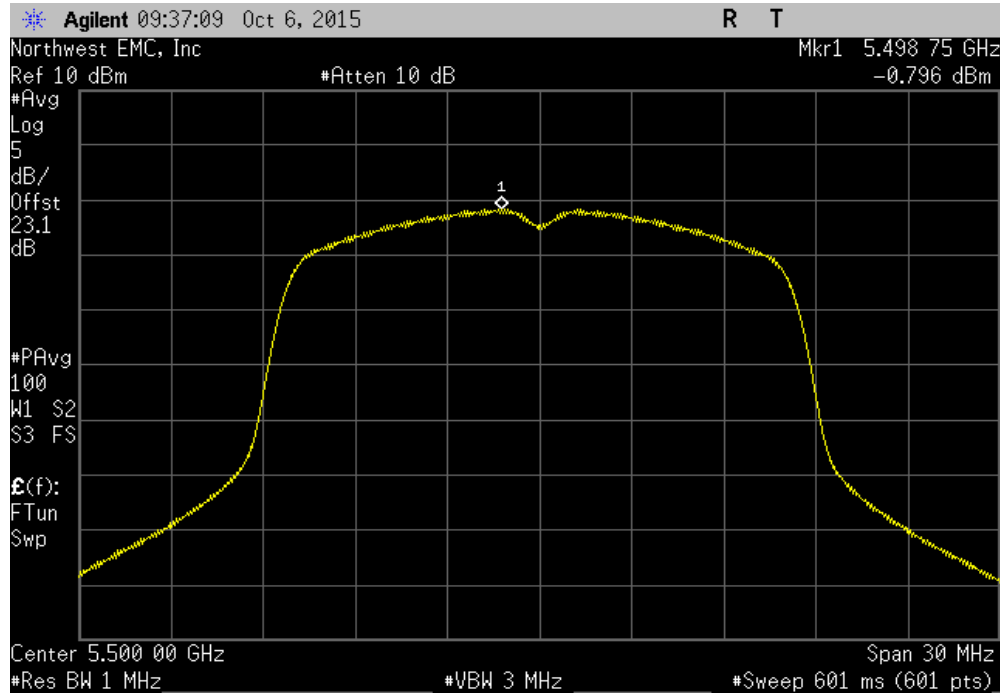


Ant 2, 802.11(a) 36 Mbps, 5250 - 5350 MHz Band, High Channel 64, 5320 MHz						
Power (dBm/MHz)	Duty Cycle Factor (dB)	Density (dBm/MHz)	Limit (dBm / Ref BW)	Results		
-2.771	4.2	1.4	11	Pass		

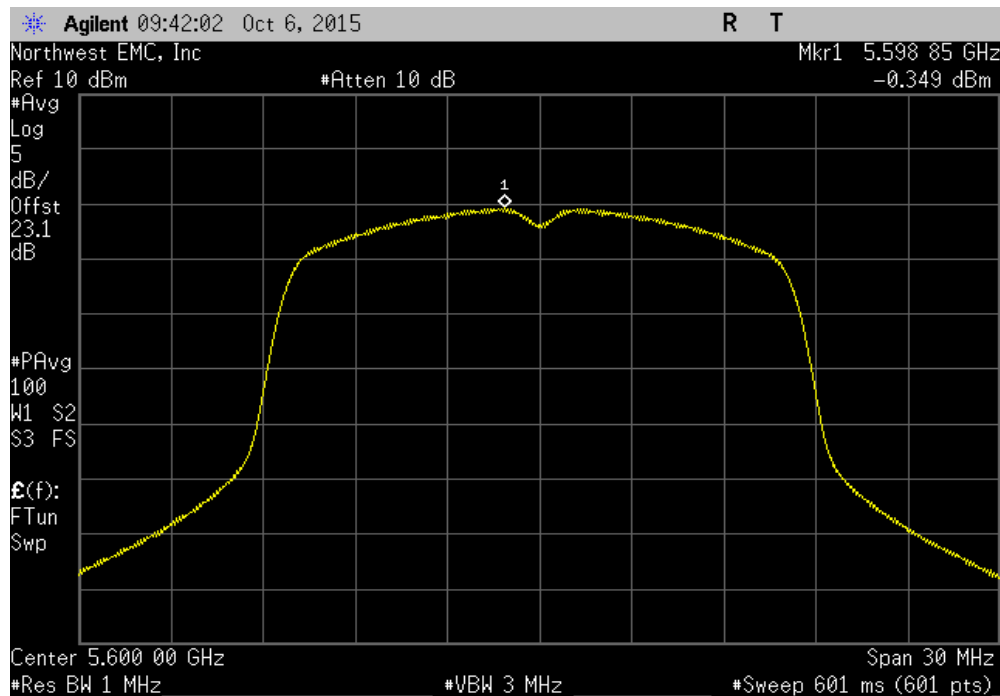


# MAXIMUM POWER SPECTRAL DENSITY

Ant 2, 802.11(a) 36 Mbps, 5470 - 5725 MHz Band, Low Channel 100, 5500 MHz						
Power (dBm/MHz)	Duty Cycle Factor (dB)	Density (dBm/MHz)	Limit (dBm / Ref BW)	Results		
-0.796	4.2	3.5	11	Pass		

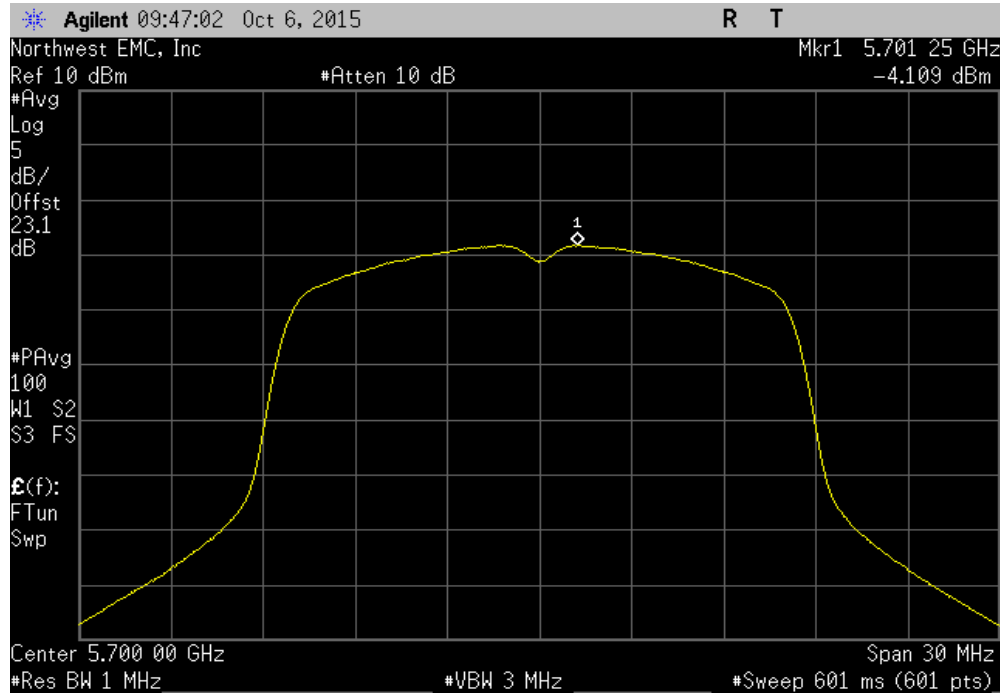


Ant 2, 802.11(a) 36 Mbps, 5470 - 5725 MHz Band, Mid Channel 120, 5600 MHz						
Power (dBm/MHz)	Duty Cycle Factor (dB)	Density (dBm/MHz)	Limit (dBm / Ref BW)	Results		
-0.349	4.2	3.8	11	Pass		

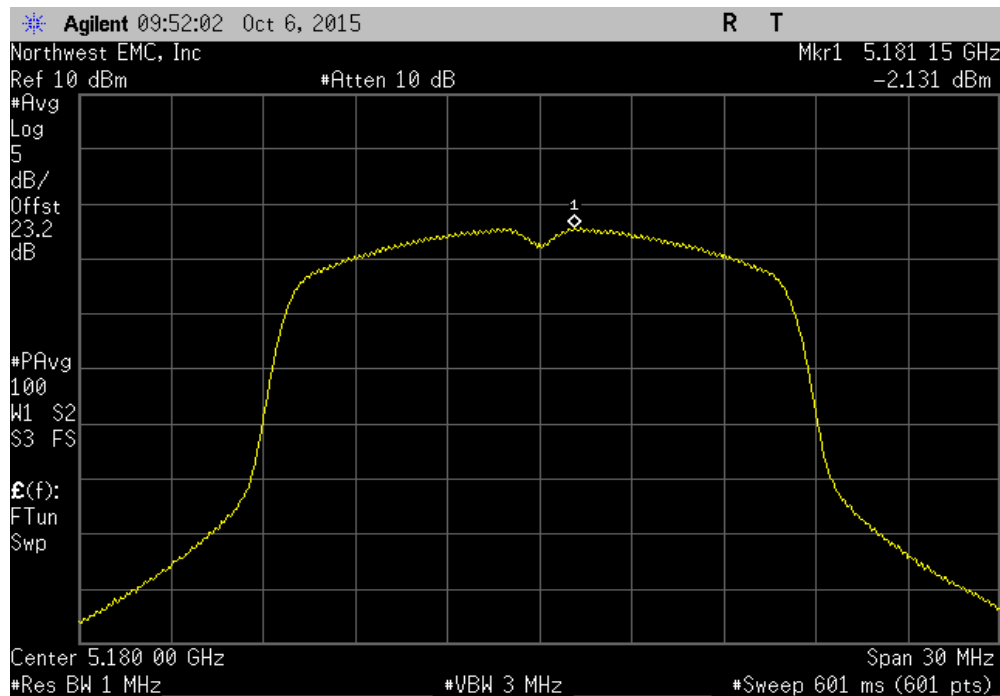


# MAXIMUM POWER SPECTRAL DENSITY

Ant 2, 802.11(a) 36 Mbps, 5470 - 5725 MHz Band, High Channel 140, 5700 MHz						
Power (dBm/MHz)	Duty Cycle Factor (dB)	Density (dBm/MHz)	Limit (dBm / Ref BW)	Results		
-4.109	4.2	0.1	11	Pass		

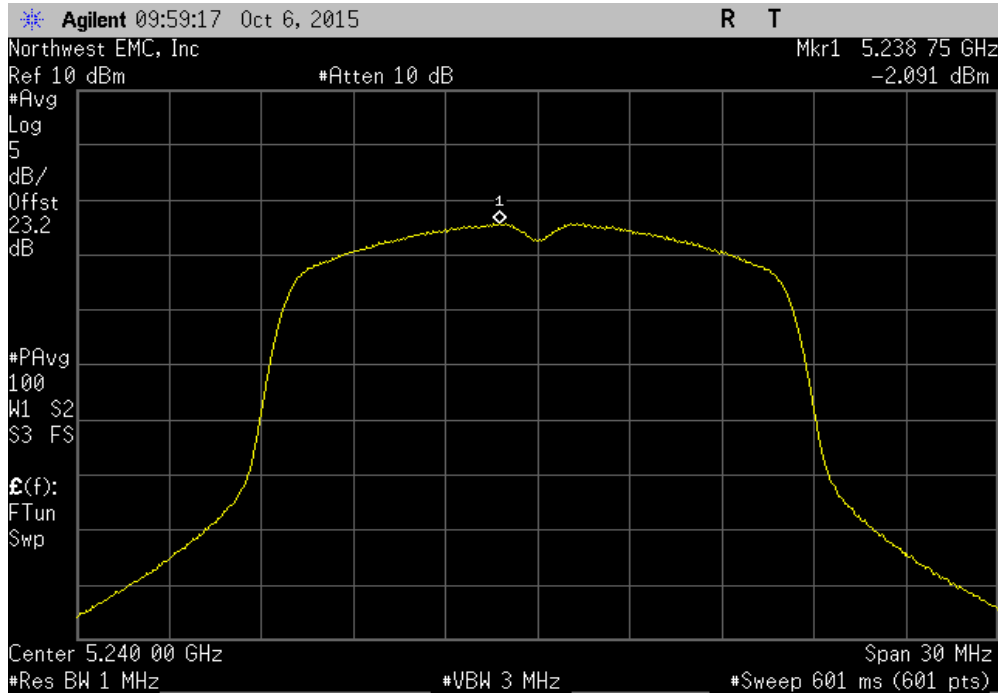


Ant 2, 802.11(a) 54 Mbps, 5150 - 5250 MHz Band, Low Channel 36, 5180 MHz						
Power (dBm/MHz)	Duty Cycle Factor (dB)	Density (dBm/MHz)	Limit (dBm / Ref BW)	Results		
-2.131	5.3	3.2	11	Pass		

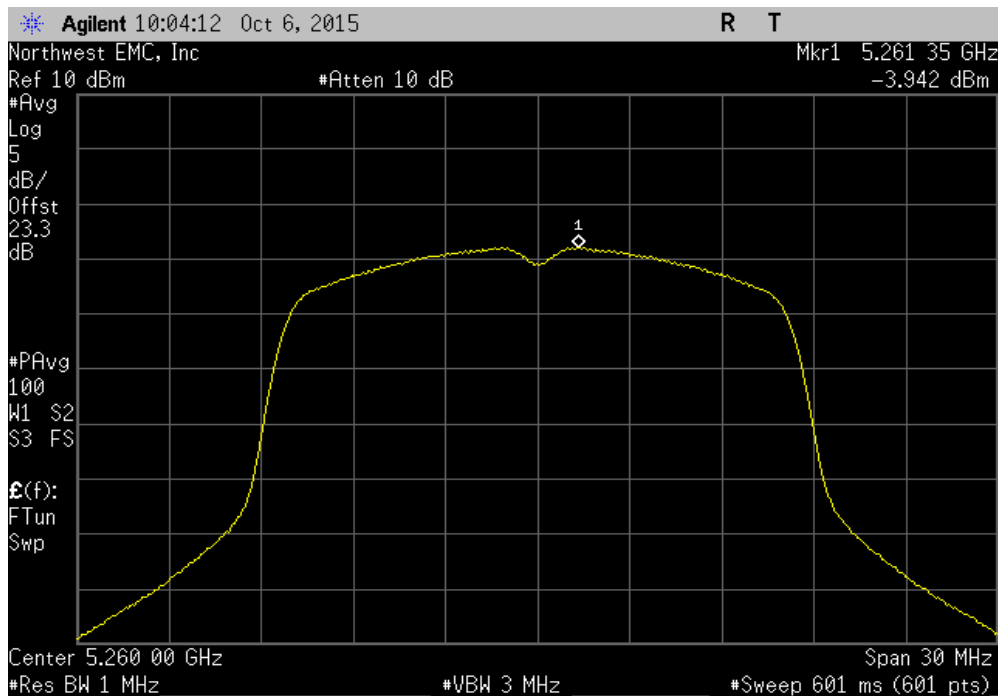


# MAXIMUM POWER SPECTRAL DENSITY

Ant 2, 802.11(a) 54 Mbps, 5150 - 5250 MHz Band, High Channel 48, 5240 MHz						
Power (dBm/MHz)	Duty Cycle Factor (dB)	Density (dBm/MHz)	Limit (dBm / Ref BW)	Results		
-2.091	5.2	3.2	11	Pass		

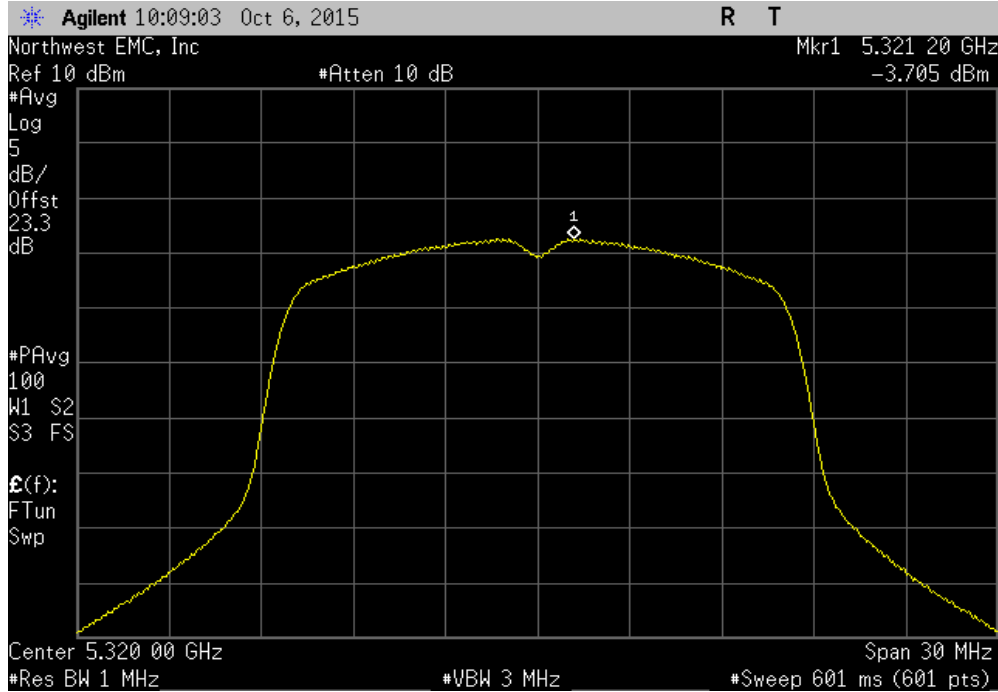


Ant 2, 802.11(a) 54 Mbps, 5250 - 5350 MHz Band, Low Channel 52, 5260 MHz						
Power (dBm/MHz)	Duty Cycle Factor (dB)	Density (dBm/MHz)	Limit (dBm / Ref BW)	Results		
-3.942	5.2	1.3	11	Pass		

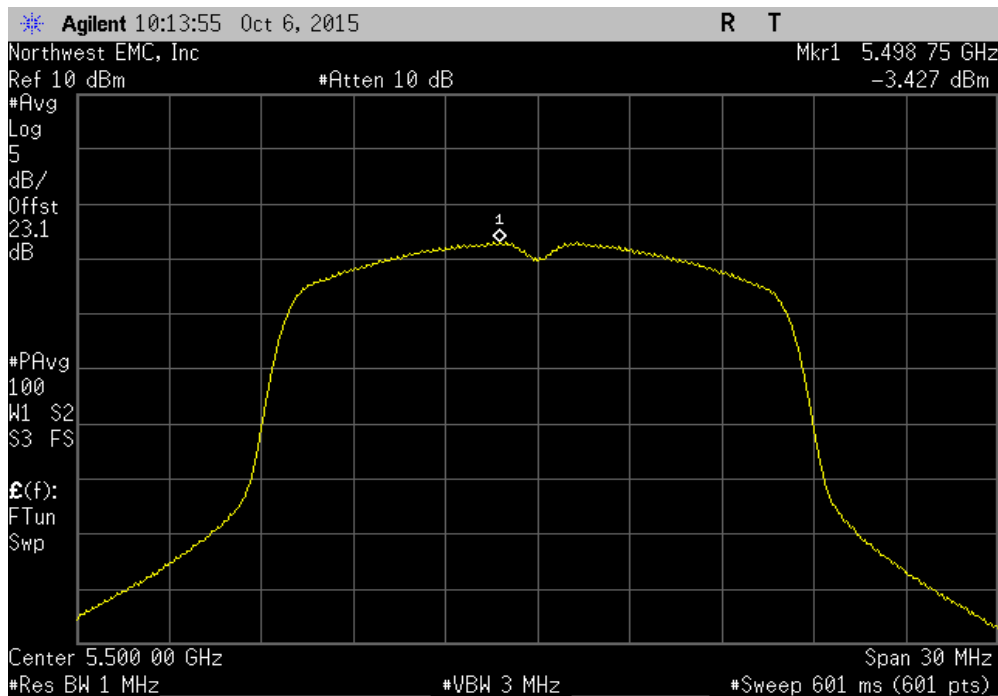


# MAXIMUM POWER SPECTRAL DENSITY

Ant 2, 802.11(a) 54 Mbps, 5250 - 5350 MHz Band, High Channel 64, 5320 MHz						
Power (dBm/MHz)	Duty Cycle Factor (dB)	Density (dBm/MHz)	Limit (dBm / Ref BW)	Results		
-3.705	5.2	1.5	11	Pass		

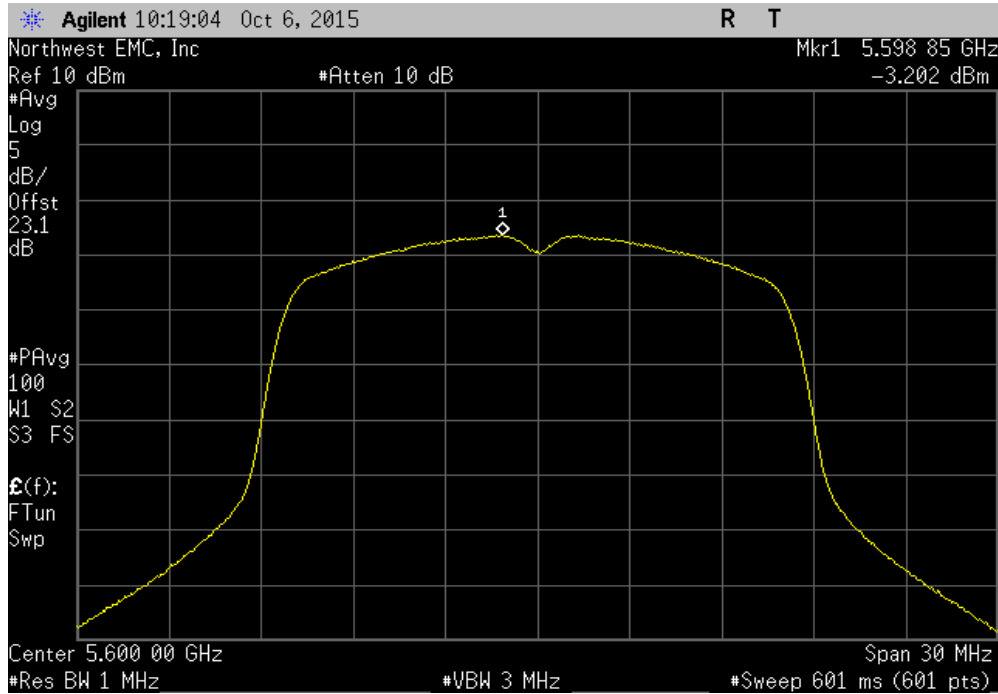


Ant 2, 802.11(a) 54 Mbps, 5470 - 5725 MHz Band, Low Channel 100, 5500 MHz						
Power (dBm/MHz)	Duty Cycle Factor (dB)	Density (dBm/MHz)	Limit (dBm / Ref BW)	Results		
-3.427	5.2	1.8	11	Pass		

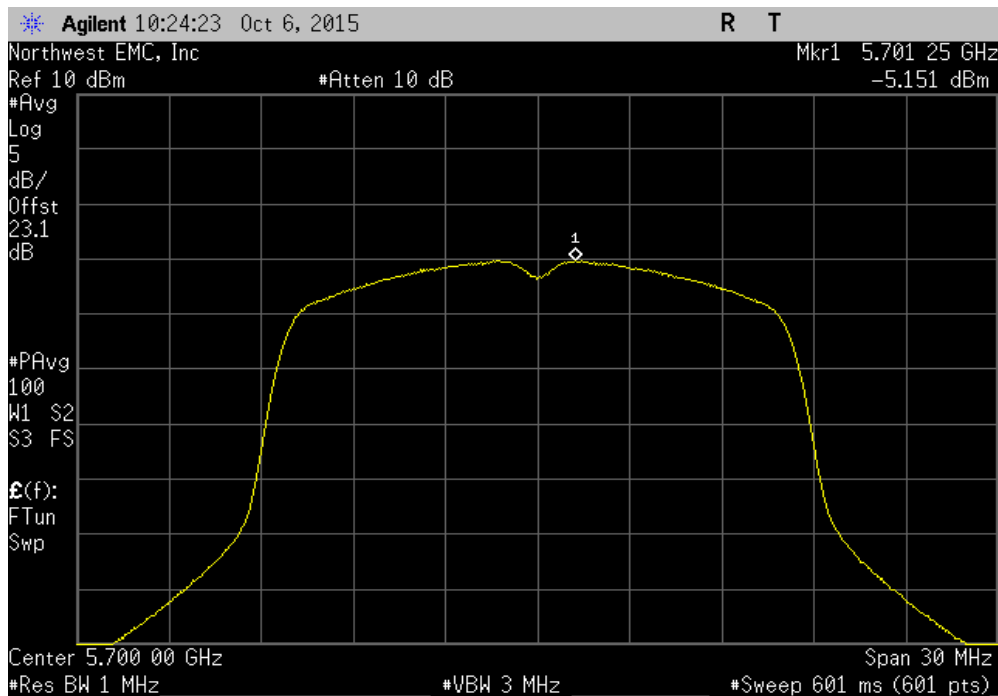


# MAXIMUM POWER SPECTRAL DENSITY

Ant 2, 802.11(a) 54 Mbps, 5470 - 5725 MHz Band, Mid Channel 120, 5600 MHz						
Power (dBm/MHz)	Duty Cycle Factor (dB)	Density (dBm/MHz)	Limit (dBm / Ref BW)	Results		
-3.202	5.3	2.1	11	Pass		

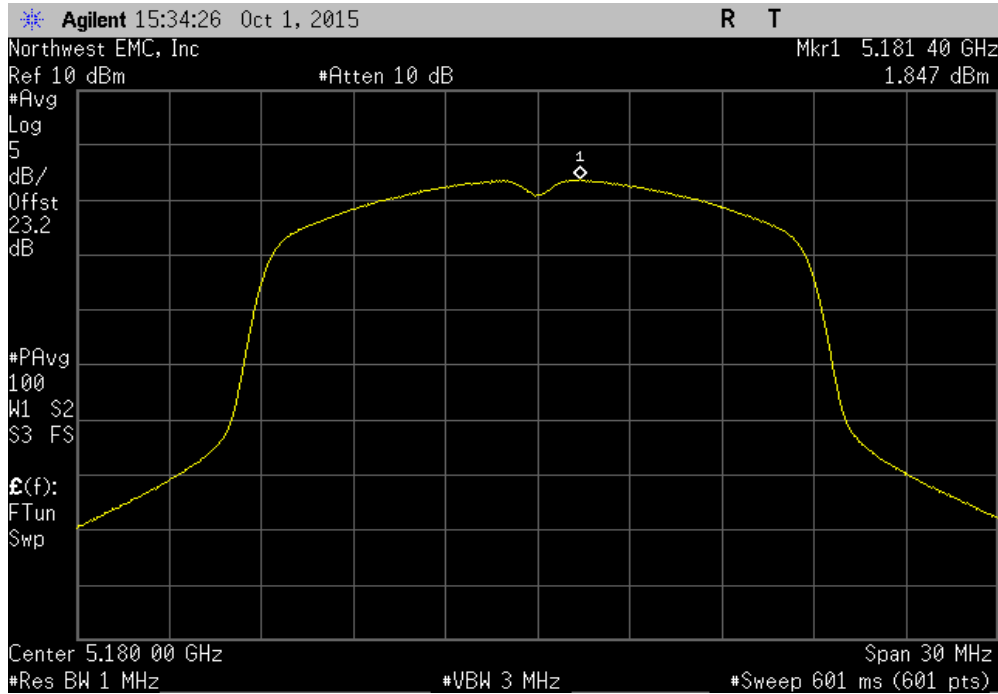


Ant 2, 802.11(a) 54 Mbps, 5470 - 5725 MHz Band, High Channel 140, 5700 MHz						
Power (dBm/MHz)	Duty Cycle Factor (dB)	Density (dBm/MHz)	Limit (dBm / Ref BW)	Results		
-5.151	5.3	0.2	11	Pass		

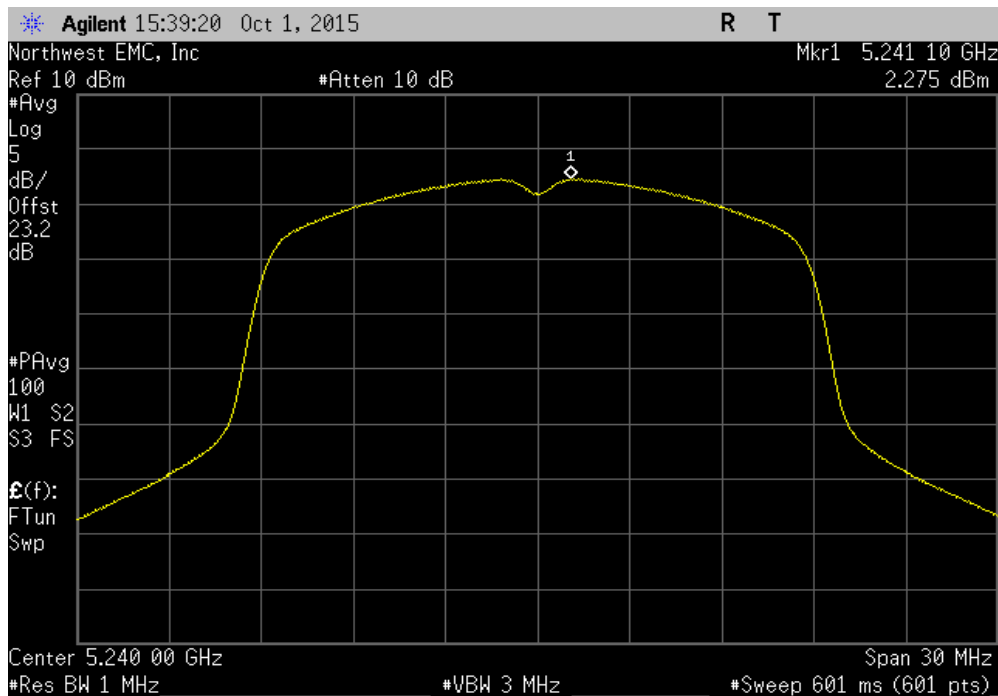


# MAXIMUM POWER SPECTRAL DENSITY

Ant 2, 802.11(n) MCS0, 5150 - 5250 MHz Band, Low Channel 36, 5180 MHz						
Power (dBm/MHz)	Duty Cycle Factor (dB)	Density (dBm/MHz)	Limit (dBm / Ref BW)	Results		
1.847	1.2	3	11	Pass		



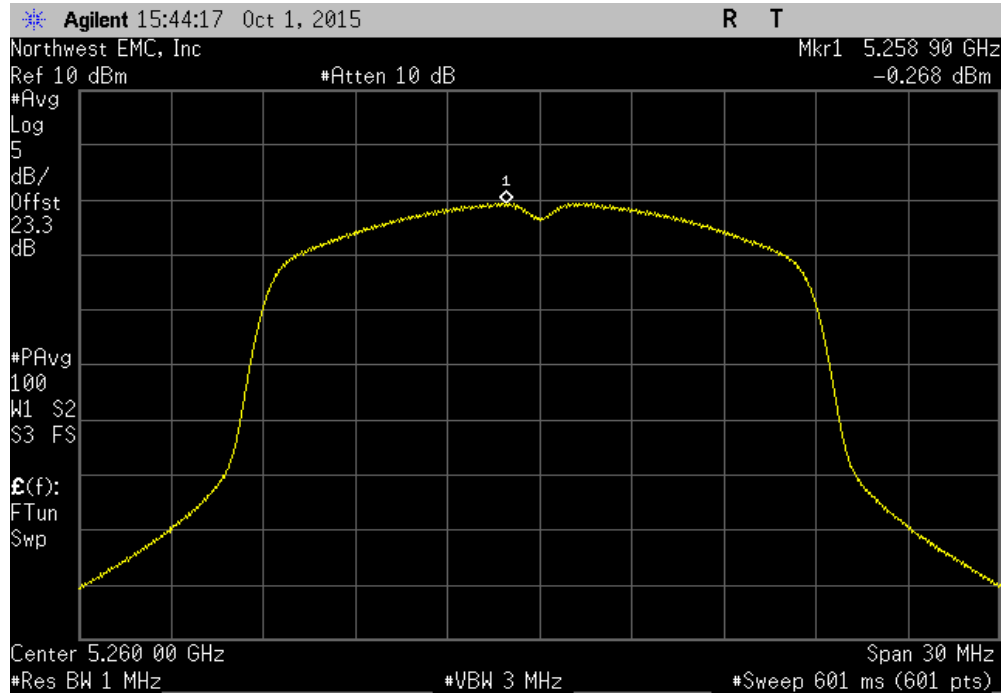
Ant 2, 802.11(n) MCS0, 5150 - 5250 MHz Band, High Channel 48, 5240 MHz						
Power (dBm/MHz)	Duty Cycle Factor (dB)	Density (dBm/MHz)	Limit (dBm / Ref BW)	Results		
2.275	1.2	3.5	11	Pass		



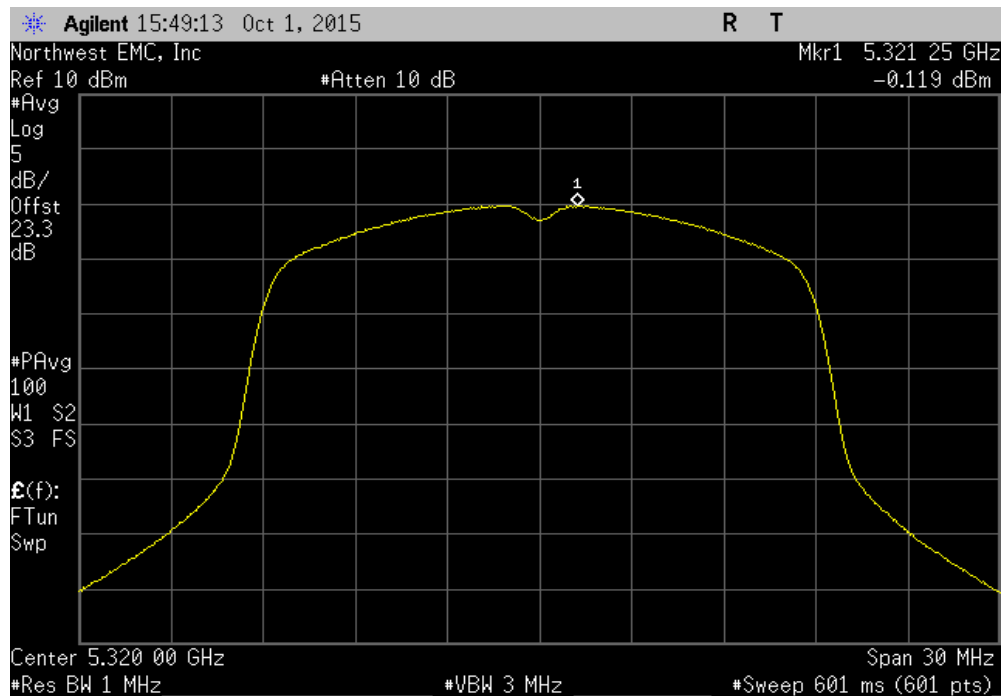


# MAXIMUM POWER SPECTRAL DENSITY

Ant 2, 802.11(n) MCS0, 5250 - 5350 MHz Band, Low Channel 52, 5260 MHz						
Power (dBm/MHz)	Duty Cycle Factor (dB)	Density (dBm/MHz)	Limit ε (dBm / Ref BW)	Results		
-0.268	1.2	0.9	11	Pass		

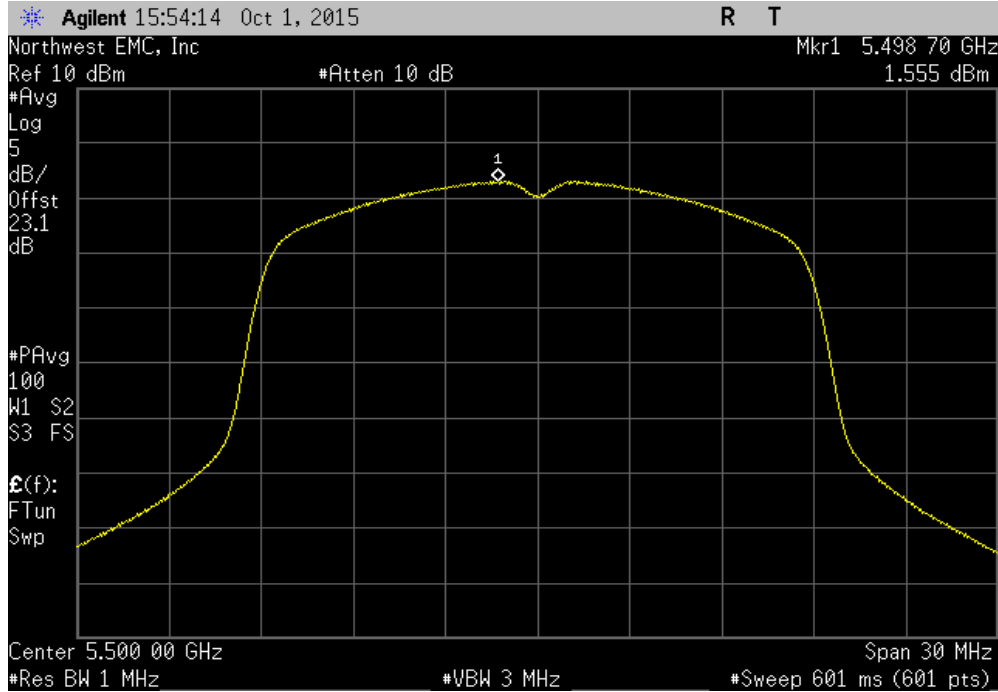


Ant 2, 802.11(n) MCS0, 5250 - 5350 MHz Band, High Channel 64, 5320 MHz						
Power (dBm/MHz)	Duty Cycle Factor (dB)	Density (dBm/MHz)	Limit ε (dBm / Ref BW)	Results		
-0.119	1.2	1	11	Pass		

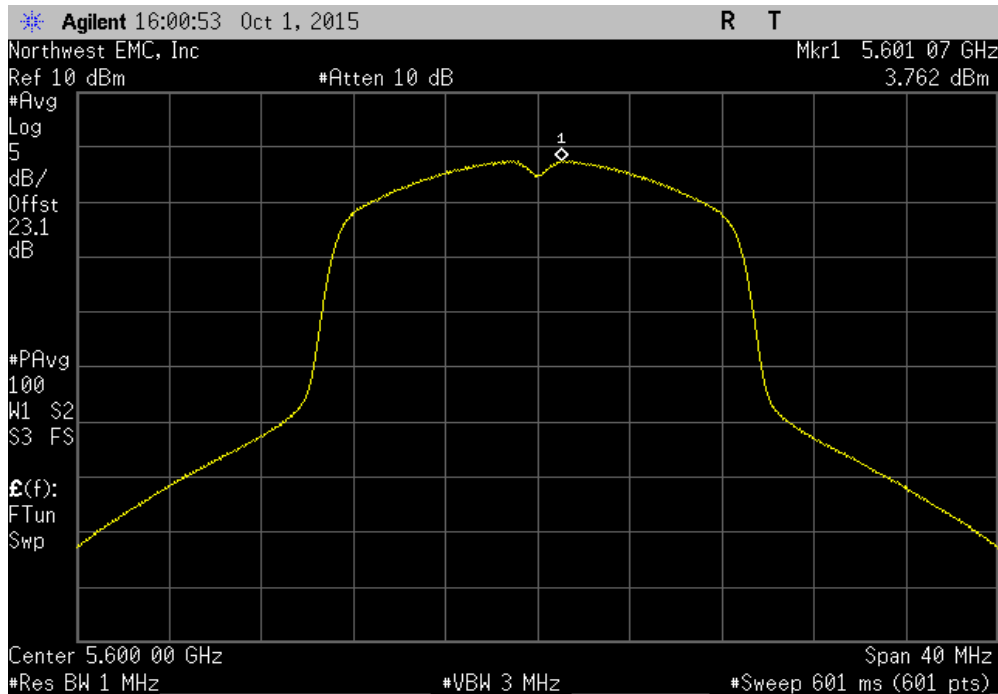


# MAXIMUM POWER SPECTRAL DENSITY

Ant 2, 802.11(n) MCS0, 5470 - 5725 MHz Band, Low Channel 100, 5500 MHz						
Power (dBm/MHz)	Duty Cycle Factor (dB)	Density (dBm/MHz)	Limit ε (dBm / Ref BW)	Results		
1.555	1.2	2.7	11	Pass		

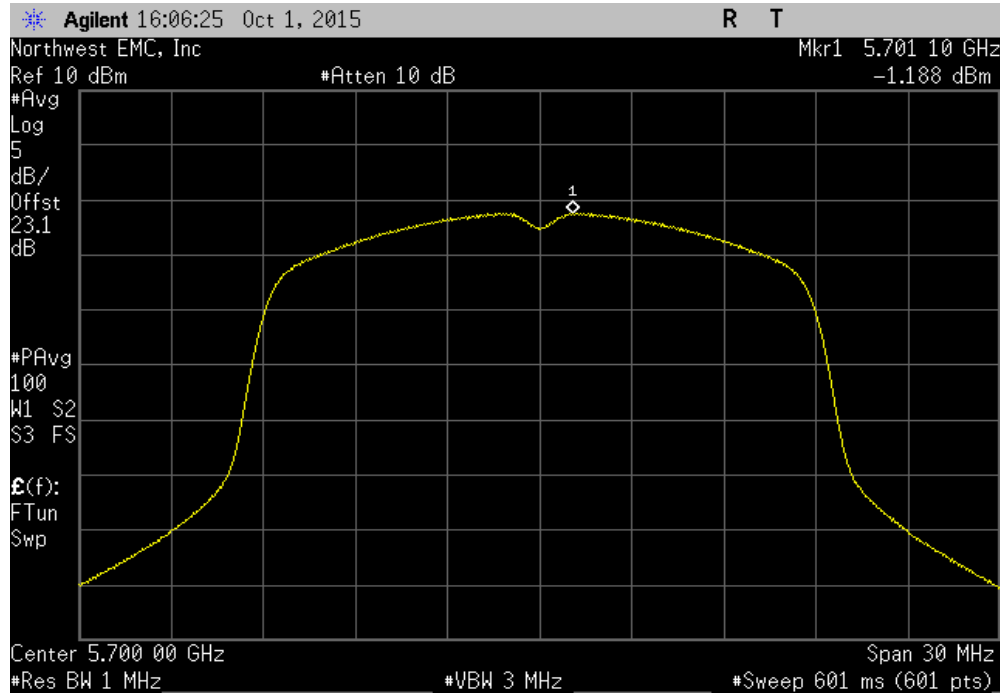


Ant 2, 802.11(n) MCS0, 5470 - 5725 MHz Band, Mid Channel 120, 5600 MHz						
Power (dBm/MHz)	Duty Cycle Factor (dB)	Density (dBm/MHz)	Limit ε (dBm / Ref BW)	Results		
3.762	1.2	4.9	11	Pass		

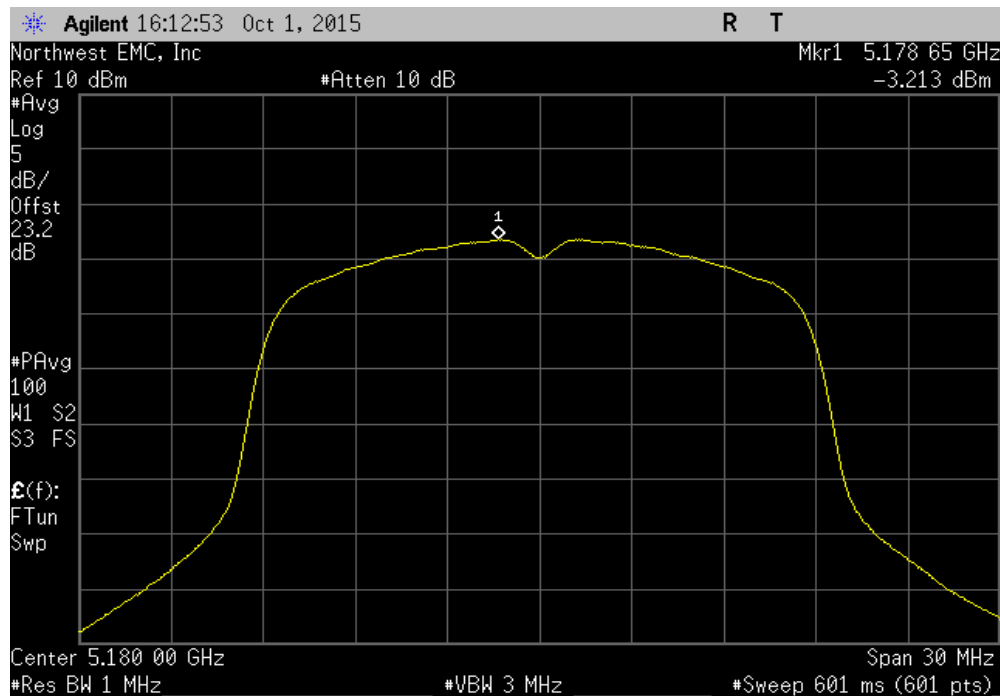


# MAXIMUM POWER SPECTRAL DENSITY

Ant 2, 802.11(n) MCS0, 5470 - 5725 MHz Band, High Channel 140, 5700 MHz						
Power (dBm/MHz)	Duty Cycle Factor (dB)	Density (dBm/MHz)	Limit (dBm / Ref BW)	Results		
-1.188	1.2	0	11	Pass		

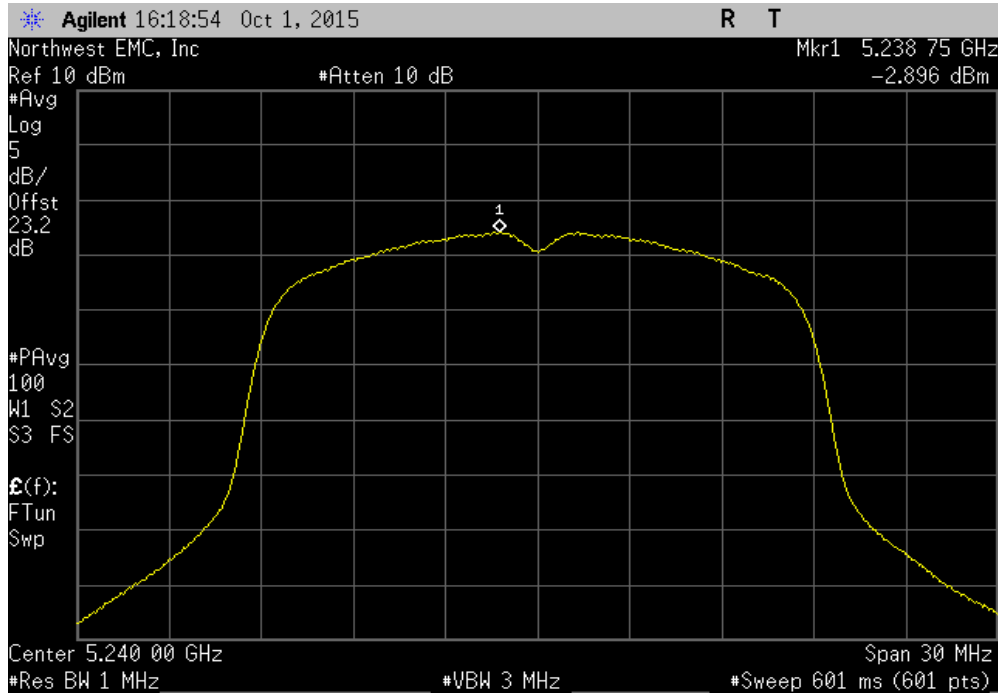


Ant 2, 802.11(n) MCS7, 5150 - 5250 MHz Band, Low Channel 36, 5180 MHz						
Power (dBm/MHz)	Duty Cycle Factor (dB)	Density (dBm/MHz)	Limit (dBm / Ref BW)	Results		
-3.213	5.5	2.3	11	Pass		

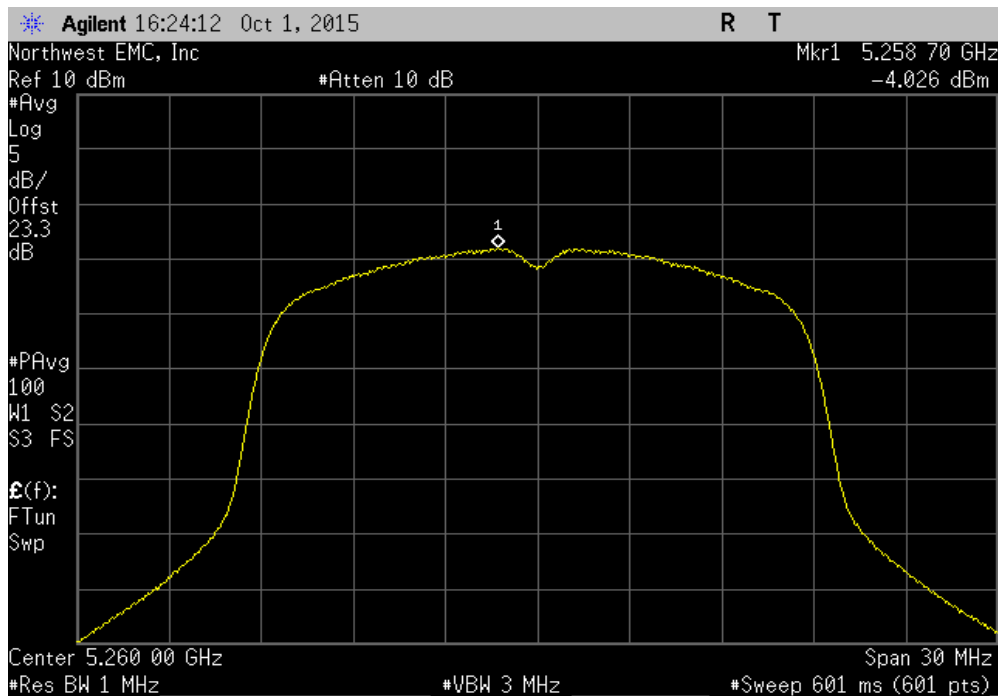


# MAXIMUM POWER SPECTRAL DENSITY

Ant 2, 802.11(n) MCS7, 5150 - 5250 MHz Band, High Channel 48, 5240 MHz						
Power (dBm/MHz)	Duty Cycle Factor (dB)	Density (dBm/MHz)	Limit ε (dBm / Ref BW)	Results		
-2.896	5.5	2.6	11	Pass		

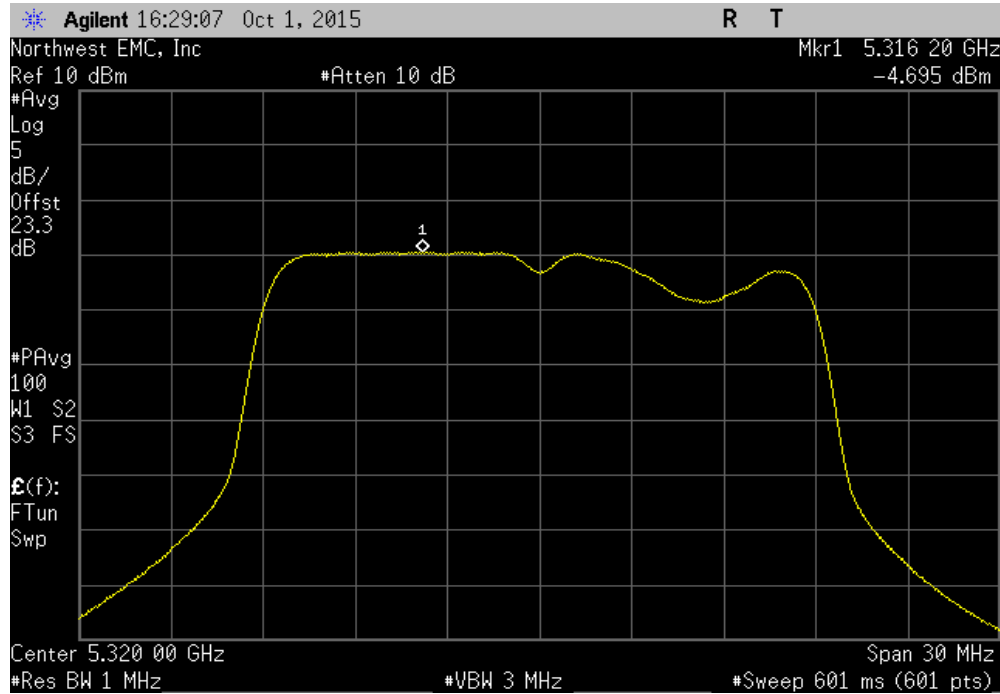


Ant 2, 802.11(n) MCS7, 5250 - 5350 MHz Band, Low Channel 52, 5260 MHz						
Power (dBm/MHz)	Duty Cycle Factor (dB)	Density (dBm/MHz)	Limit ε (dBm / Ref BW)	Results		
-4.026	5.5	1.4	11	Pass		

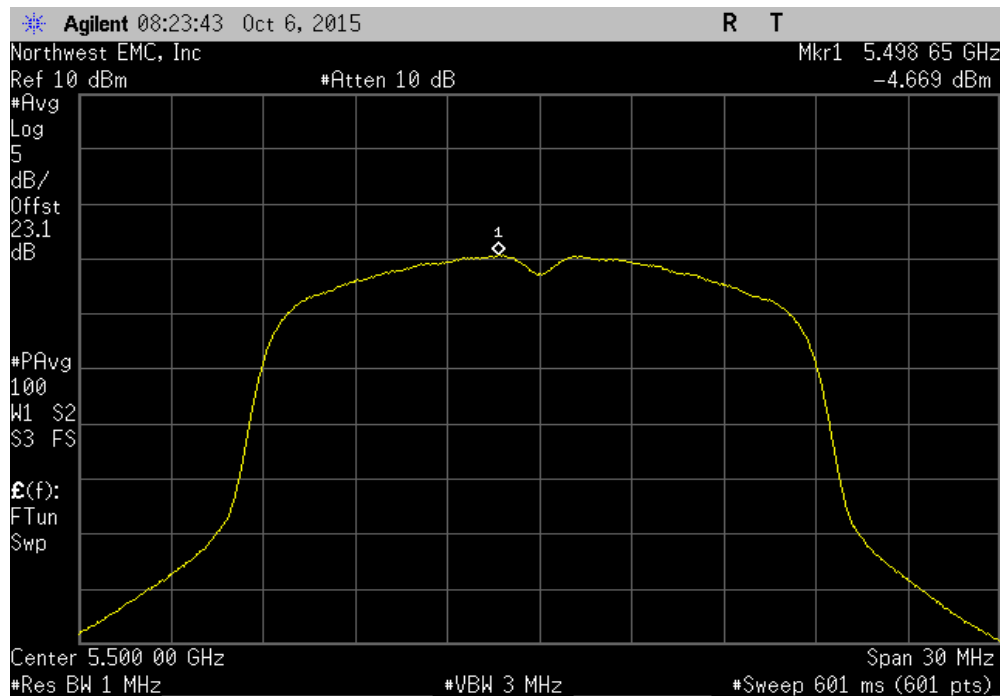


# MAXIMUM POWER SPECTRAL DENSITY

Ant 2, 802.11(n) MCS7, 5250 - 5350 MHz Band, High Channel 64, 5320 MHz						
Power (dBm/MHz)	Duty Cycle Factor (dB)	Density (dBm/MHz)	Limit ε (dBm / Ref BW)	Results		
-4.695	5.5	0.8	11	Pass		

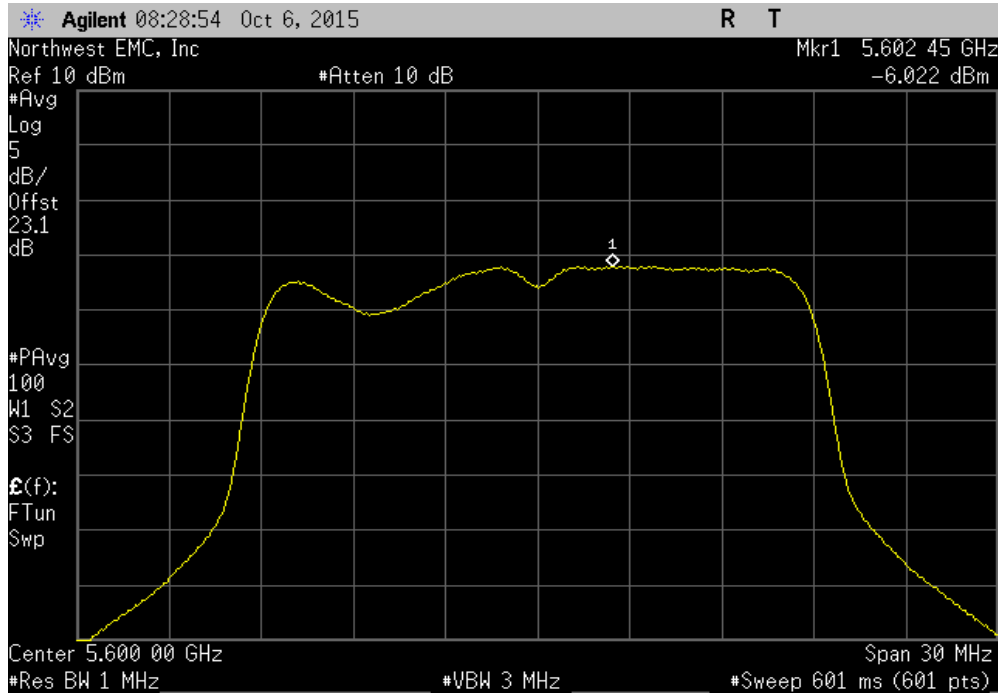


Ant 2, 802.11(n) MCS7, 5470 - 5725 MHz Band, Low Channel 100, 5500 MHz						
Power (dBm/MHz)	Duty Cycle Factor (dB)	Density (dBm/MHz)	Limit ε (dBm / Ref BW)	Results		
-4.669	5.5	0.8	11	Pass		

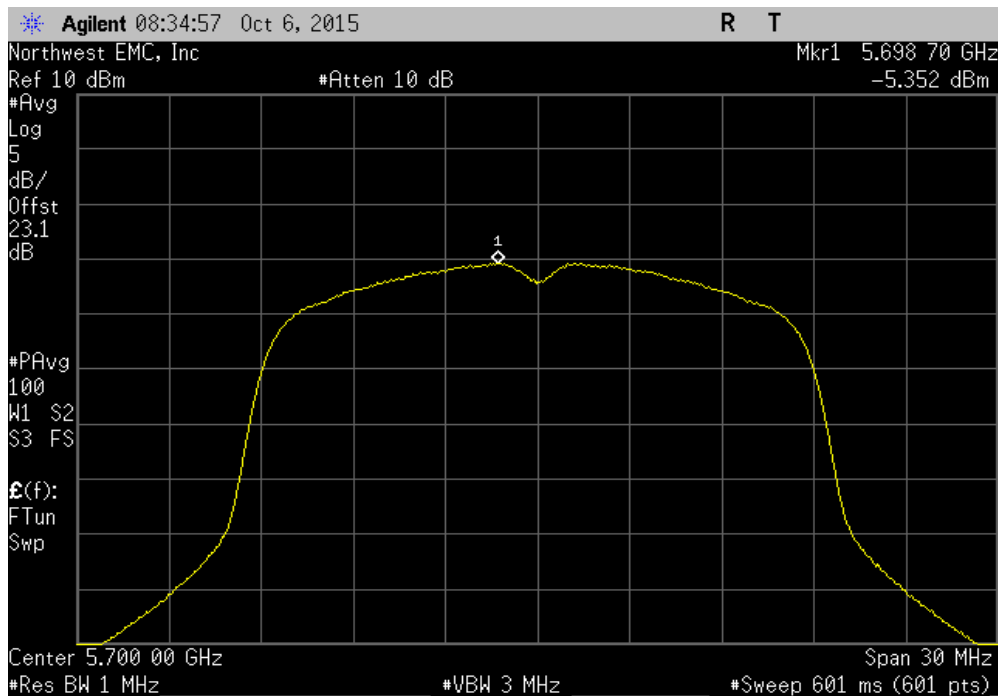


# MAXIMUM POWER SPECTRAL DENSITY

Ant 2, 802.11(n) MCS7, 5470 - 5725 MHz Band, Mid Channel 120, 5600 MHz						
Power (dBm/MHz)	Duty Cycle Factor (dB)	Density (dBm/MHz)	Limit ε (dBm / Ref BW)	Results		
-6.022	5.5	-0.5	11	Pass		



Ant 2, 802.11(n) MCS7, 5470 - 5725 MHz Band, High Channel 140, 5700 MHz						
Power (dBm/MHz)	Duty Cycle Factor (dB)	Density (dBm/MHz)	Limit ε (dBm / Ref BW)	Results		
-5.352	5.5	0.2	11	Pass		



# MAXIMUM POWER SPECTRAL DENSITY

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

## TEST EQUIPMENT

Description	Manufacturer	Model	ID	Last Cal.	Interval (mo)
Analyzer - Spectrum Analyzer	Agilent	E4440A	AFE	6/22/2015	12
Cable	ESM Cable Corp.	TTBJ-141 KMKM-72	NC5	6/6/2015	12
Attenuator	Fairview Microwave	SA4014-20	TKE	1/16/2015	12
Block - DC	Fairview Microwave	SD3379	AMJ	6/6/2015	12
Generator - Signal	Agilent	N5183A	TIA	4/7/2014	24

## TEST DESCRIPTION

The transmit frequency was set to the required channels in each band. The transmit power was set to its default maximum. The radio was operated in the modes as shown in the following data sheets.

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 maximum power spectral density, the emission bandwidth (B) was measured. The method of measuring the emission bandwidth and the associated data are found elsewhere in this test report

The maximum power spectral density was measured using ANSI C63.10, Method SA-2 (RMS detection and trace averaging across the on and off times of the EUT transmission and use of a duty cycle correction factor), consistent with the method used for maximum conducted output power.

The spectrum analyzer settings were set per the guidance as well as the following specifics:

- Resolution Bandwidth of 510 kHz
- RMS Detector
- Trace average 100 traces in power averaging mode

The peak power spectral density (PPSD) was determined to be the highest level found across the emission in the reference bandwidth after 100 sweeps of power averaging (not video averaging).

A duty cycle correction factor was added to the measurement using the results of the formula of  $10 \cdot \text{LOG}(1/D)$  where D is the duty cycle.

# MAXIMUM POWER SPECTRAL DENSITY



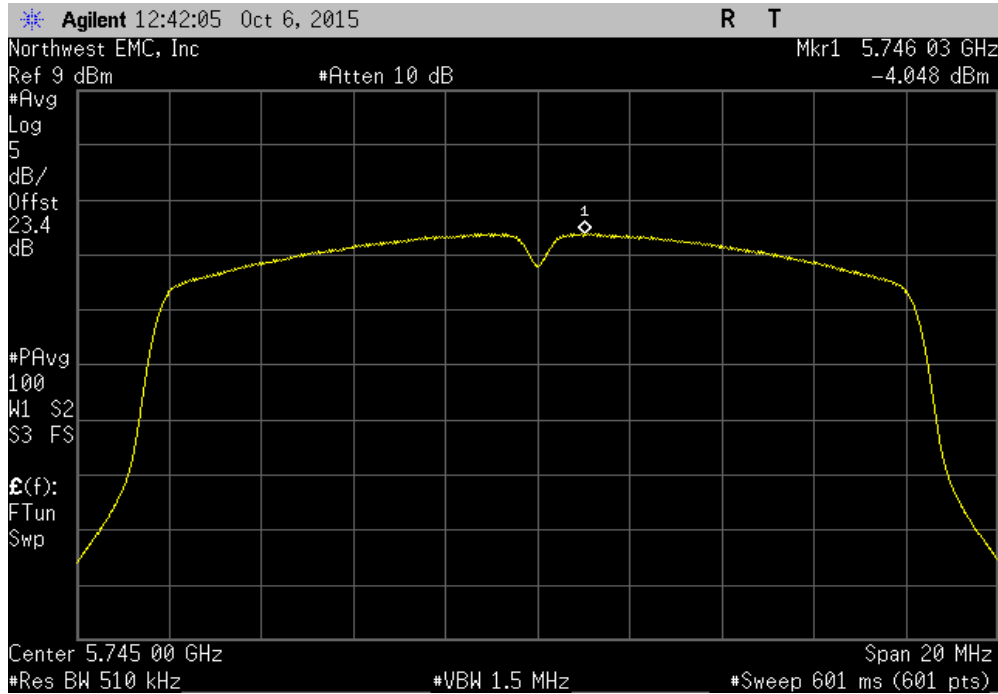
XMtr 2015.01.14

EUT: Precor Wi-Fi / Bluetooth Module Model 303346		Work Order: PRCR0230				
Serial Number: None		Date: 10/06/15				
Customer: Precor, Inc.		Temperature: 23°C				
Attendees: Rich Whitbeck		Humidity: 46%				
Project: None		Barometric Pres.: 1015mb				
Tested by: Richard Mellroth		Power: 110VAC/60Hz				
TEST SPECIFICATIONS		Test Method				
FCC 15.407:2015		ANSI C63.10:2013				
COMMENTS						
Power settings at Maximum.						
DEVIATIONS FROM TEST STANDARD						
None						
Configuration #		Power (dBm/MHz)	Duty Cycle Factor (dB)	Density (dBm/MHz)	Limit ≤ (dBm / Ref BW)	Results
<b>Ant 1</b>						
802.11(a) 6 Mbps						
5725 - 5825 MHz Band						
	Low Channel 149, 5745 MHz	-4.048	1.1	-3	30	Pass
	Mid Channel 157, 5785 MHz	0.807	1.1	1.9	30	Pass
	High Channel 165, 5825 MHz	-2.882	1.1	-1.8	30	Pass
802.11(a) 36 Mbps						
5725 - 5825 MHz Band						
	Low Channel 149, 5745 MHz	-6.625	4.2	-2.4	30	Pass
	Mid Channel 157, 5785 MHz	-3.482	4.2	0.7	30	Pass
	High Channel 165, 5825 MHz	-5.191	4.2	-1	30	Pass
802.11(a) 54 Mbps						
5725 - 5825 MHz Band						
	Low Channel 149, 5745 MHz	-7.154	5.3	-1.9	30	Pass
	Mid Channel 157, 5785 MHz	-5.981	5.2	-0.8	30	Pass
	High Channel 165, 5825 MHz	-5.982	5.2	-0.8	30	Pass
802.11(n) MCS0						
5725 - 5825 MHz Band						
	Low Channel 149, 5745 MHz	-4.048	1.2	-2.9	30	Pass
	Mid Channel 157, 5785 MHz	0.375	1.2	1.6	30	Pass
	High Channel 165, 5825 MHz	-2.994	1.2	-1.8	30	Pass
802.11(n) MCS7						
5725 - 5825 MHz Band						
	Low Channel 149, 5745 MHz	-7.296	5.5	-1.8	30	Pass
	Mid Channel 157, 5785 MHz	-6.896	5.5	-1.4	30	Pass
	High Channel 165, 5825 MHz	-6.75	5.5	-1.2	30	Pass
<b>Ant 2</b>						
802.11(a) 6 Mbps						
5725 - 5825 MHz Band						
	Low Channel 149, 5745 MHz	-2.052	1.1	-0.9	30	Pass
	Mid Channel 157, 5785 MHz	2.675	1.1	3.8	30	Pass
	High Channel 165, 5825 MHz	-1.19	1.1	-0.1	30	Pass
802.11(a) 36 Mbps						
5725 - 5825 MHz Band						
	Low Channel 149, 5745 MHz	-5.512	4.2	-1.3	30	Pass
	Mid Channel 157, 5785 MHz	-2.613	4.2	1.6	30	Pass
	High Channel 165, 5825 MHz	-4.391	4.2	-0.2	30	Pass
802.11(a) 54 Mbps						
5725 - 5825 MHz Band						
	Low Channel 149, 5745 MHz	-6.251	5.2	-1	30	Pass
	Mid Channel 157, 5785 MHz	-5.061	5.2	0.2	30	Pass
	High Channel 165, 5825 MHz	-5.305	5.3	0	30	Pass
802.11(n) MCS0						
5725 - 5825 MHz Band						
	Low Channel 149, 5745 MHz	-3.022	1.2	-1.8	30	Pass
	Mid Channel 157, 5785 MHz	1.222	1.2	2.4	30	Pass
	High Channel 165, 5825 MHz	-1.965	1.2	-0.8	30	Pass
802.11(n) MCS7						
5725 - 5825 MHz Band						
	Low Channel 149, 5745 MHz	-6.498	5.5	-1	30	Pass
	Mid Channel 157, 5785 MHz	-5.953	5.5	-0.5	30	Pass
	High Channel 165, 5825 MHz	-5.806	5.5	-0.3	30	Pass

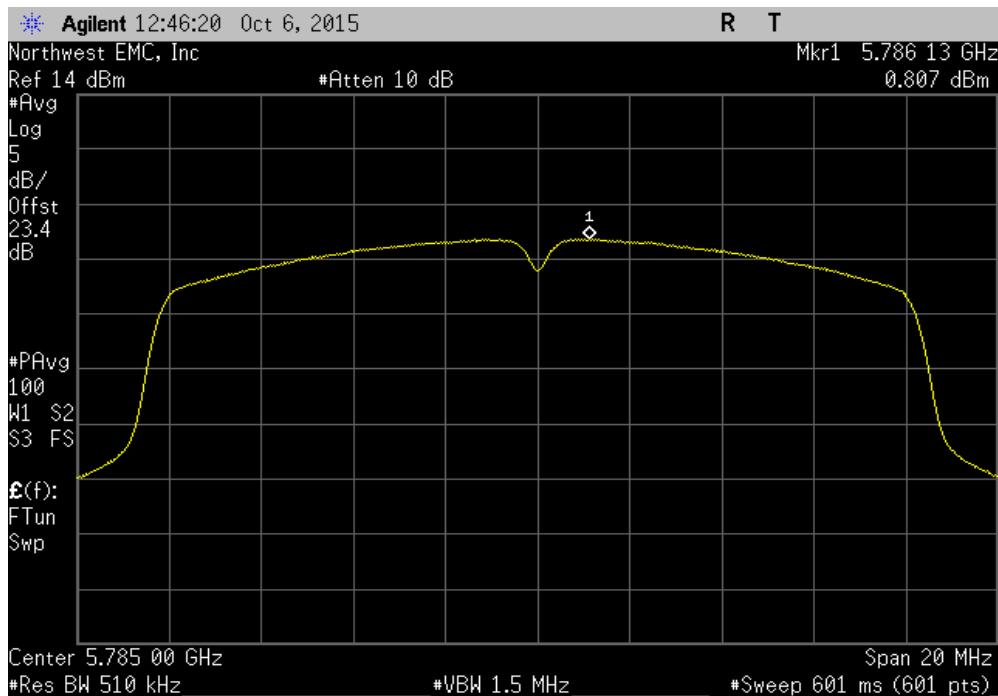


# MAXIMUM POWER SPECTRAL DENSITY

Ant 1, 802.11(a) 6 Mbps, 5725 - 5825 MHz Band, Low Channel 149, 5745 MHz						
Power (dBm/MHz)	Duty Cycle Factor (dB)	Density (dBm/MHz)	Limit (dBm / Ref BW)	Results		
-4.048	1.1	-3	30	Pass		

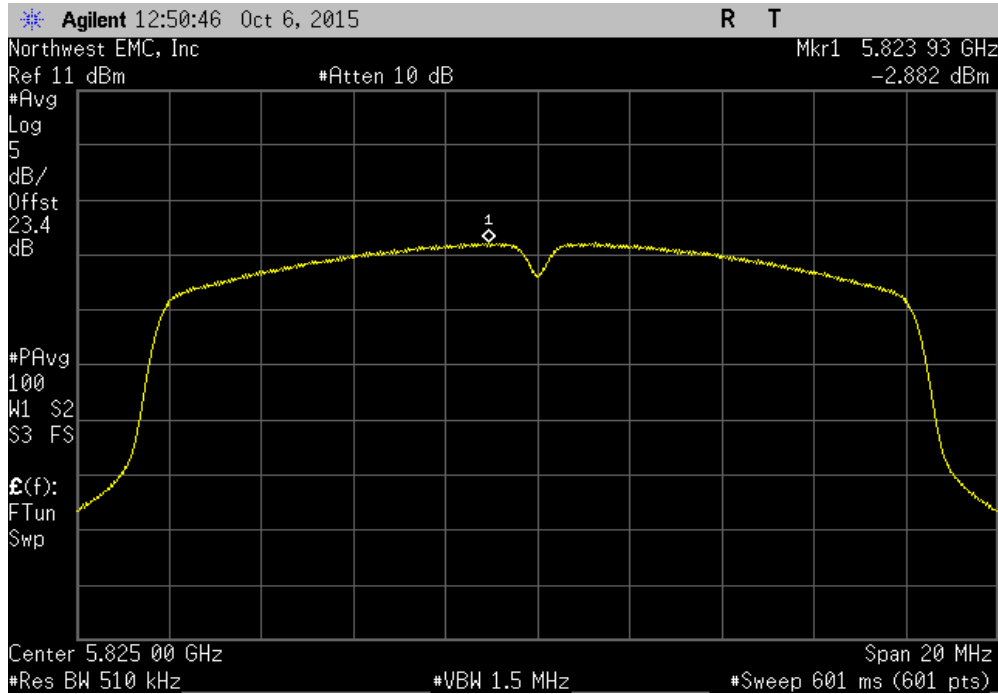


Ant 1, 802.11(a) 6 Mbps, 5725 - 5825 MHz Band, Mid Channel 157, 5785 MHz						
Power (dBm/MHz)	Duty Cycle Factor (dB)	Density (dBm/MHz)	Limit (dBm / Ref BW)	Results		
0.807	1.1	1.9	30	Pass		

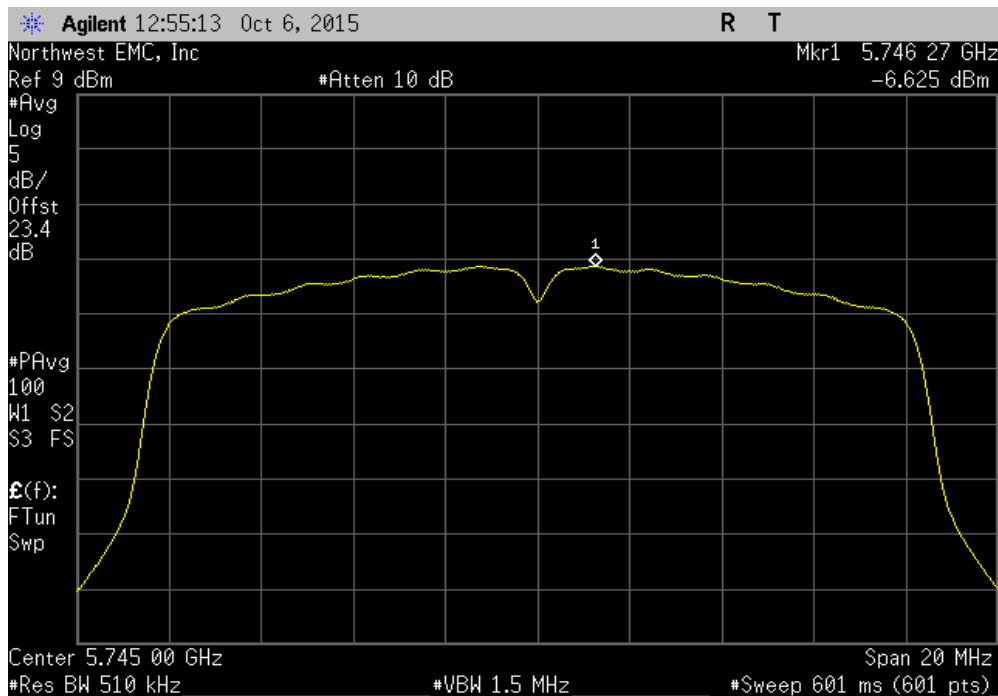


# MAXIMUM POWER SPECTRAL DENSITY

Ant 1, 802.11(a) 6 Mbps, 5725 - 5825 MHz Band, High Channel 165, 5825 MHz						
Power (dBm/MHz)	Duty Cycle Factor (dB)	Density (dBm/MHz)	Limit (dBm / Ref BW)	Results		
-2.882	1.1	-1.8	30	Pass		

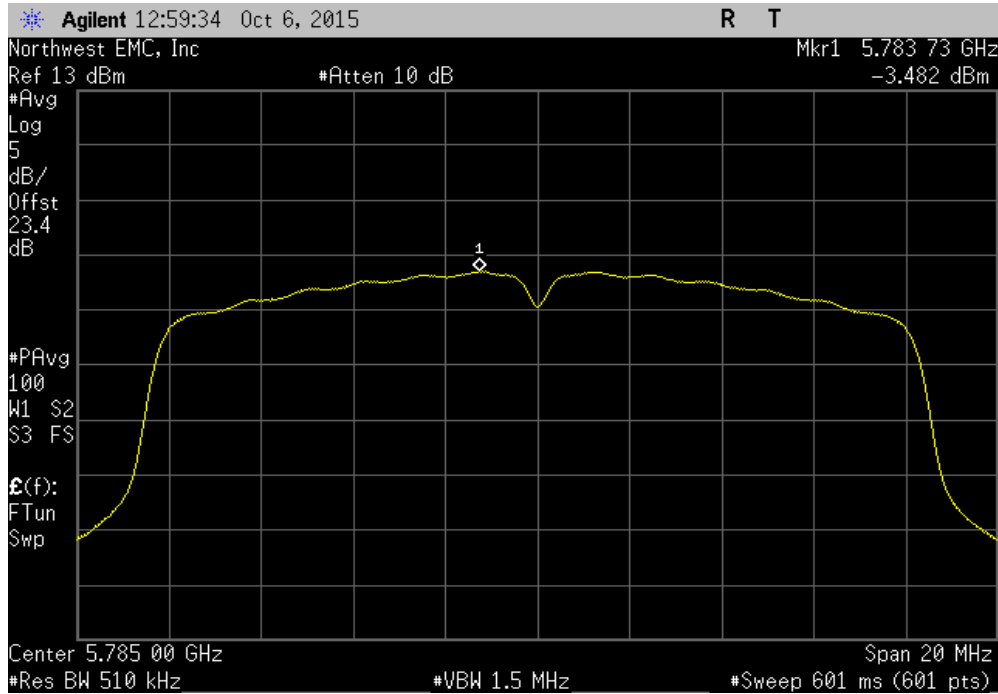


Ant 1, 802.11(a) 36 Mbps, 5725 - 5825 MHz Band, Low Channel 149, 5745 MHz						
Power (dBm/MHz)	Duty Cycle Factor (dB)	Density (dBm/MHz)	Limit (dBm / Ref BW)	Results		
-6.625	4.2	-2.4	30	Pass		

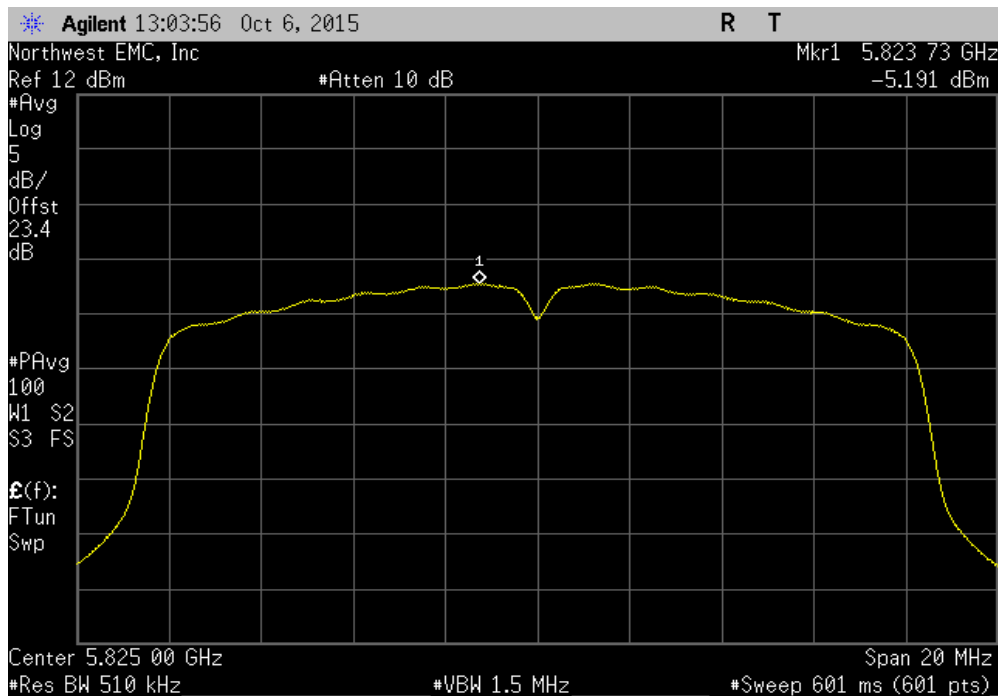


# MAXIMUM POWER SPECTRAL DENSITY

Ant 1, 802.11(a) 36 Mbps, 5725 - 5825 MHz Band, Mid Channel 157, 5785 MHz						
Power (dBm/MHz)	Duty Cycle Factor (dB)	Density (dBm/MHz)	Limit (dBm / Ref BW)	Results		
-3.482	4.2	0.7	30	Pass		

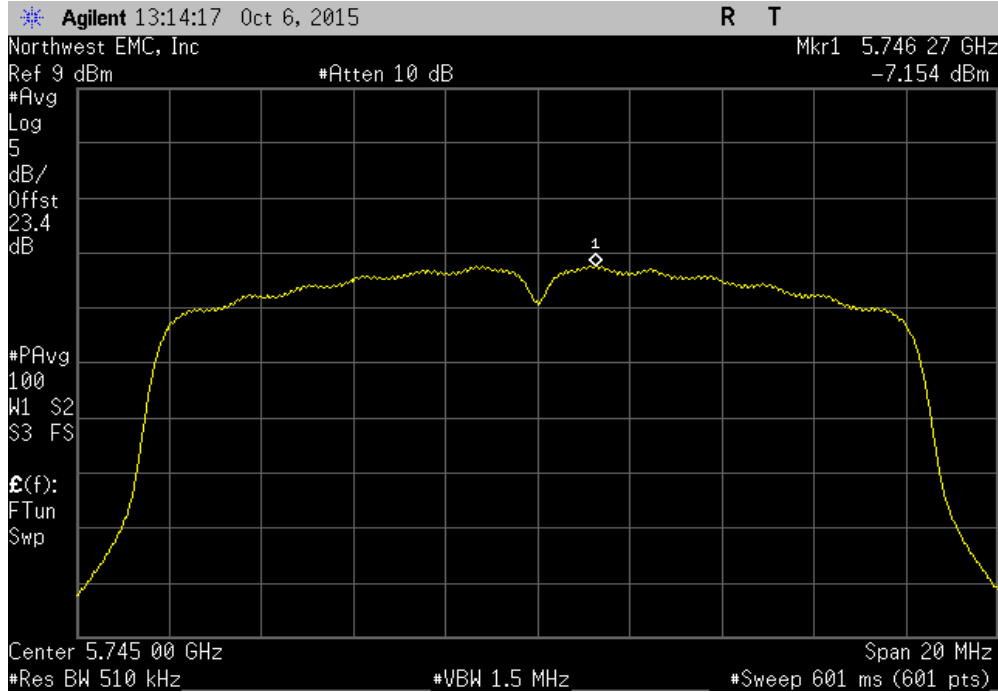


Ant 1, 802.11(a) 36 Mbps, 5725 - 5825 MHz Band, High Channel 165, 5825 MHz						
Power (dBm/MHz)	Duty Cycle Factor (dB)	Density (dBm/MHz)	Limit (dBm / Ref BW)	Results		
-5.191	4.2	-1	30	Pass		

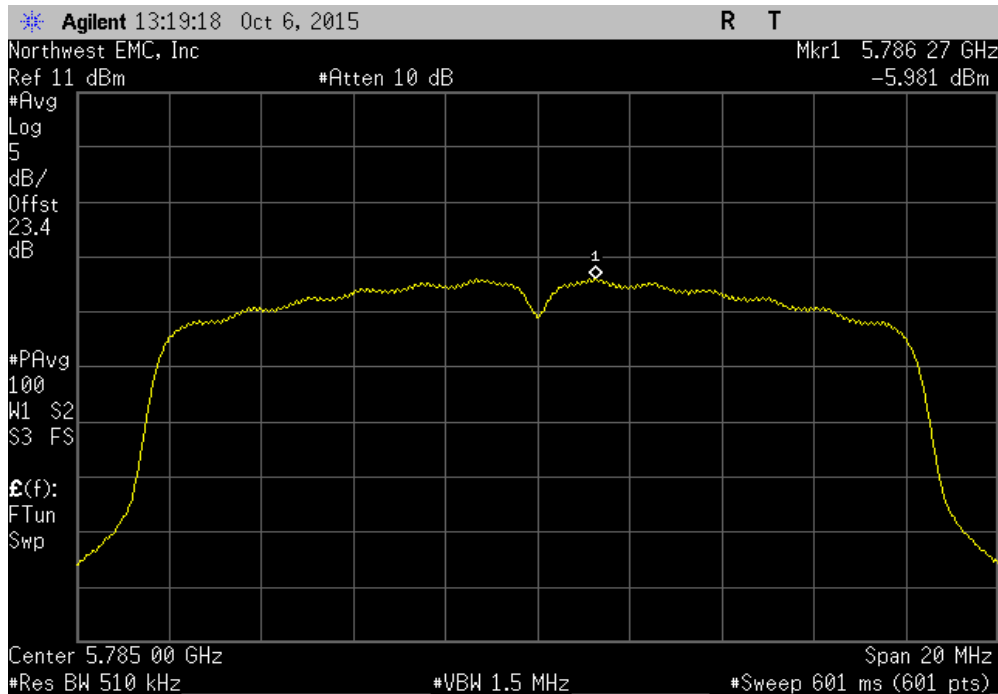


# MAXIMUM POWER SPECTRAL DENSITY

Ant 1, 802.11(a) 54 Mbps, 5725 - 5825 MHz Band, Low Channel 149, 5745 MHz						
Power (dBm/MHz)	Duty Cycle Factor (dB)	Density (dBm/MHz)	Limit (dBm / Ref BW)	Results		
-7.154	5.3	-1.9	30	Pass		

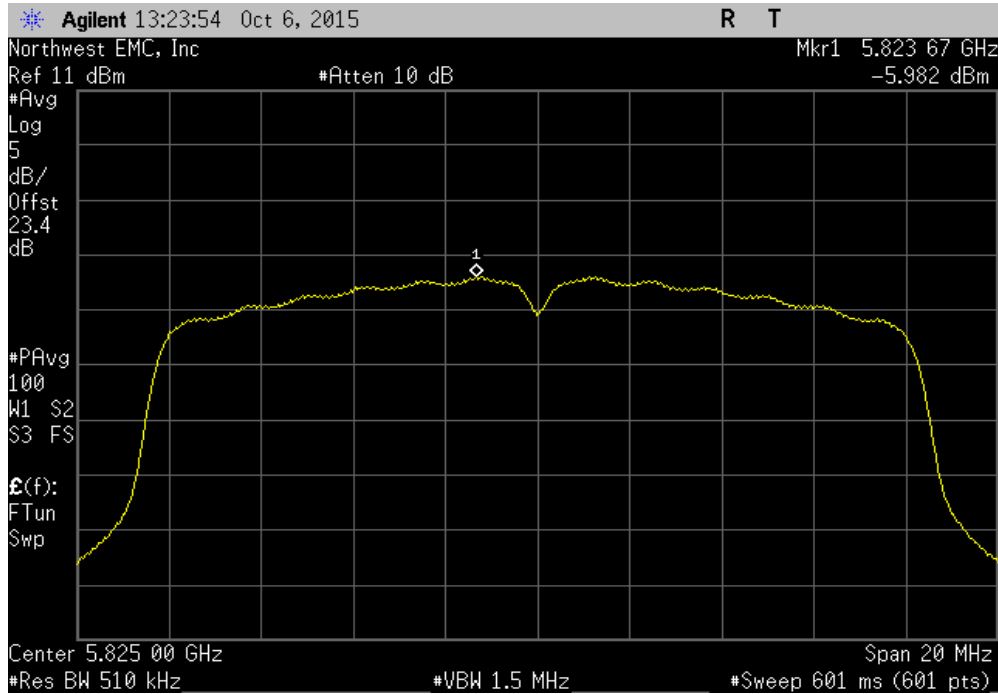


Ant 1, 802.11(a) 54 Mbps, 5725 - 5825 MHz Band, Mid Channel 157, 5785 MHz						
Power (dBm/MHz)	Duty Cycle Factor (dB)	Density (dBm/MHz)	Limit (dBm / Ref BW)	Results		
-5.981	5.2	-0.8	30	Pass		

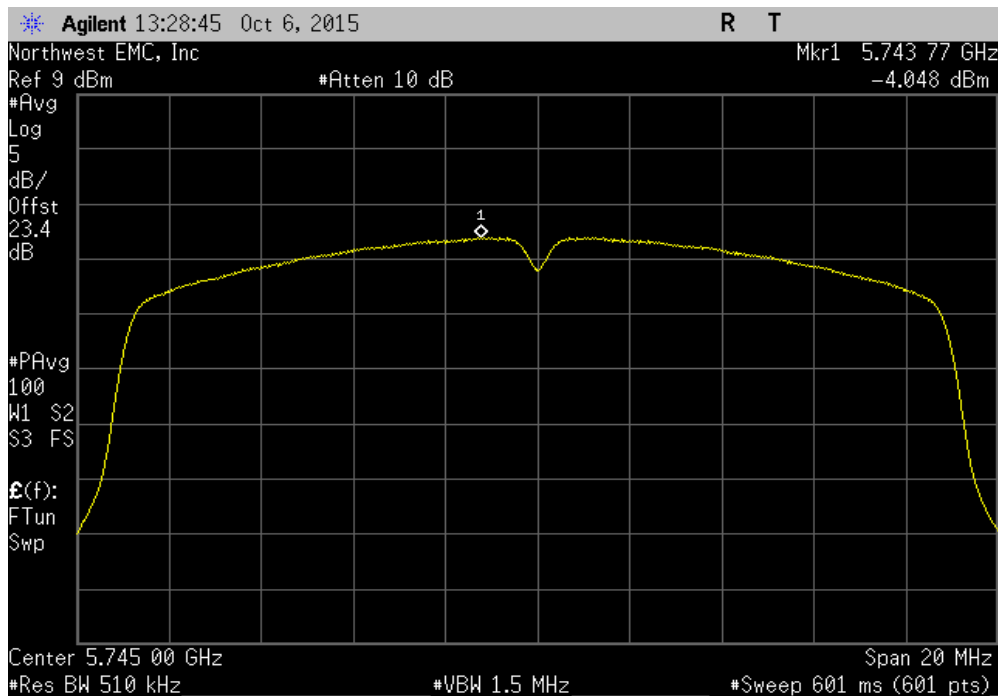


# MAXIMUM POWER SPECTRAL DENSITY

Ant 1, 802.11(a) 54 Mbps, 5725 - 5825 MHz Band, High Channel 165, 5825 MHz						
Power (dBm/MHz)	Duty Cycle Factor (dB)	Density (dBm/MHz)	Limit (dBm / Ref BW)	Results		
-5.982	5.2	-0.8	30	Pass		

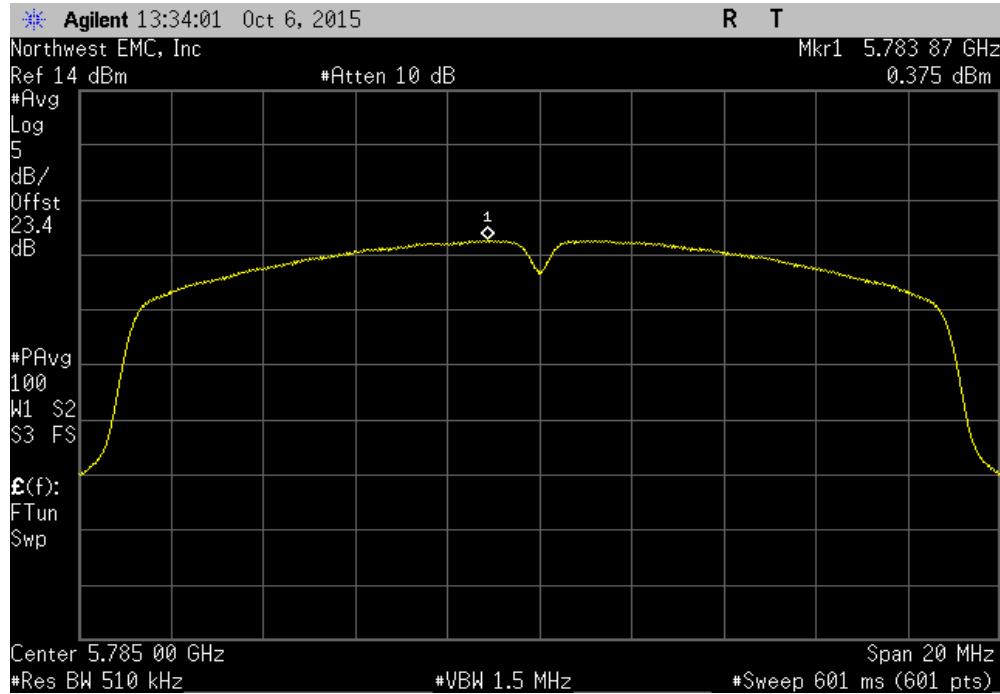


Ant 1, 802.11(n) MCS0, 5725 - 5825 MHz Band, Low Channel 149, 5745 MHz						
Power (dBm/MHz)	Duty Cycle Factor (dB)	Density (dBm/MHz)	Limit (dBm / Ref BW)	Results		
-4.048	1.2	-2.9	30	Pass		

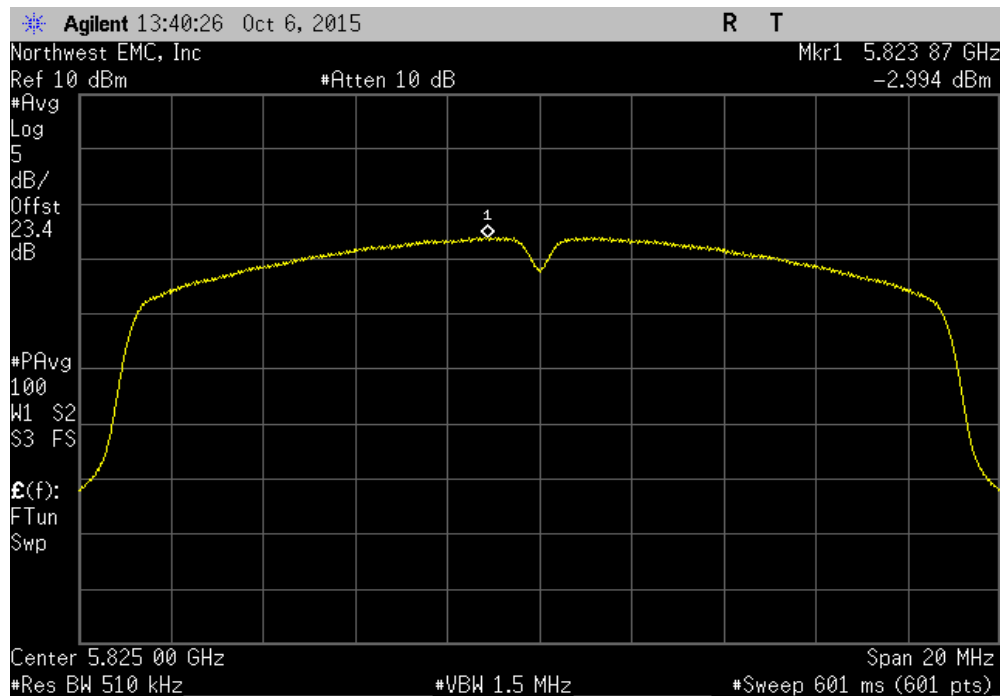


# MAXIMUM POWER SPECTRAL DENSITY

Ant 1, 802.11(n) MCS0, 5725 - 5825 MHz Band, Mid Channel 157, 5785 MHz						
Power (dBm/MHz)	Duty Cycle Factor (dB)	Density (dBm/MHz)	Limit (dBm / Ref BW)	Results		
0.375	1.2	1.6	30	Pass		

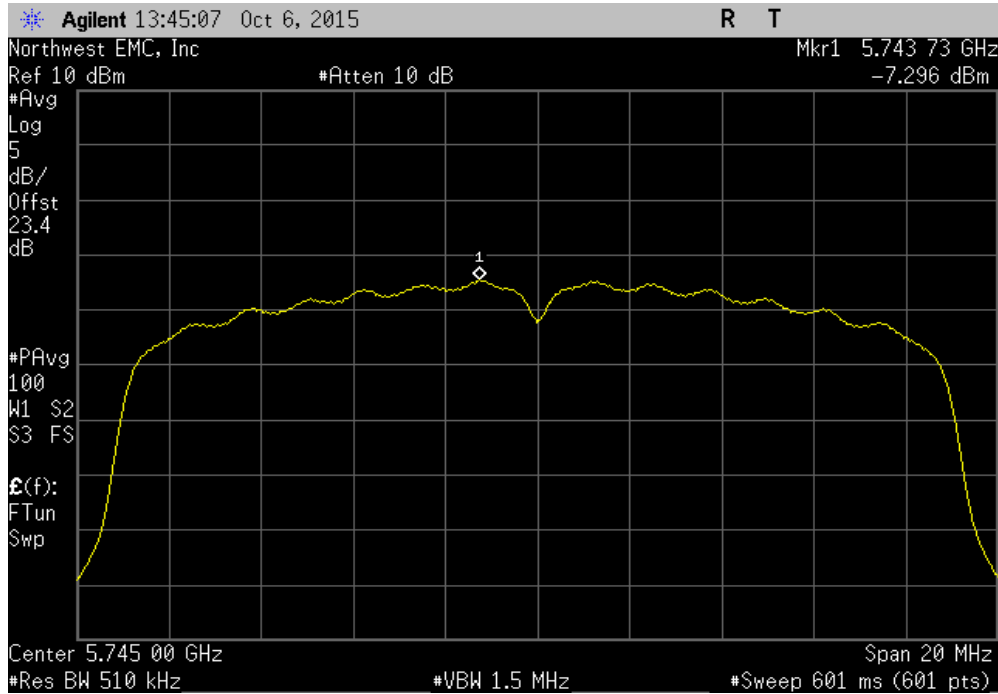


Ant 1, 802.11(n) MCS0, 5725 - 5825 MHz Band, High Channel 165, 5825 MHz						
Power (dBm/MHz)	Duty Cycle Factor (dB)	Density (dBm/MHz)	Limit (dBm / Ref BW)	Results		
-2.994	1.2	-1.8	30	Pass		

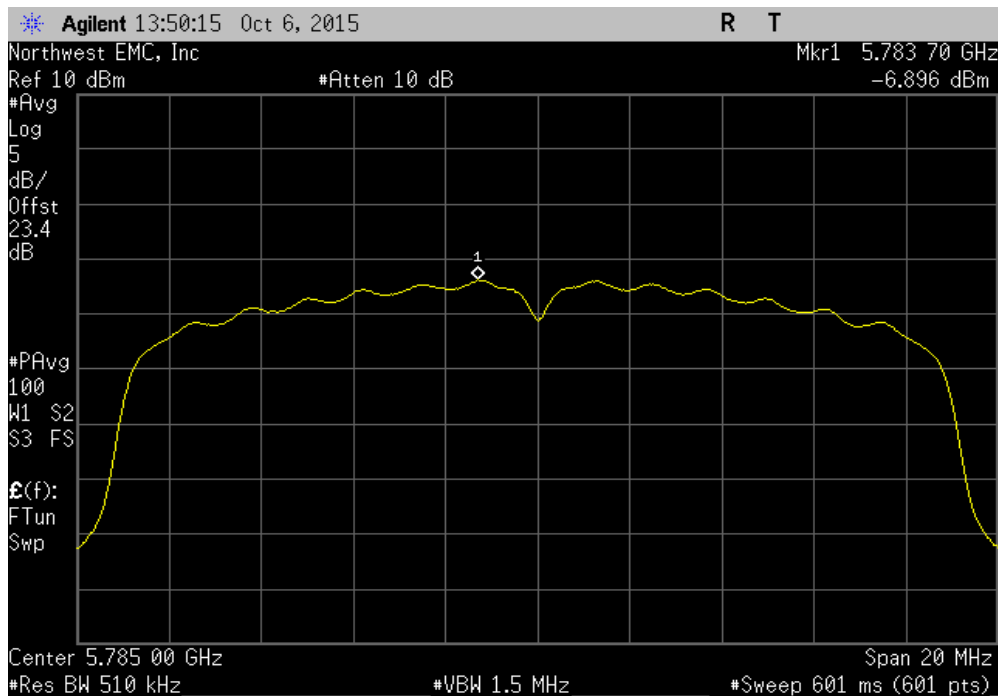


# MAXIMUM POWER SPECTRAL DENSITY

Ant 1, 802.11(n) MCS7, 5725 - 5825 MHz Band, Low Channel 149, 5745 MHz						
Power (dBm/MHz)	Duty Cycle Factor (dB)	Density (dBm/MHz)	Limit ε (dBm / Ref BW)	Results		
-7.296	5.5	-1.8	30	Pass		

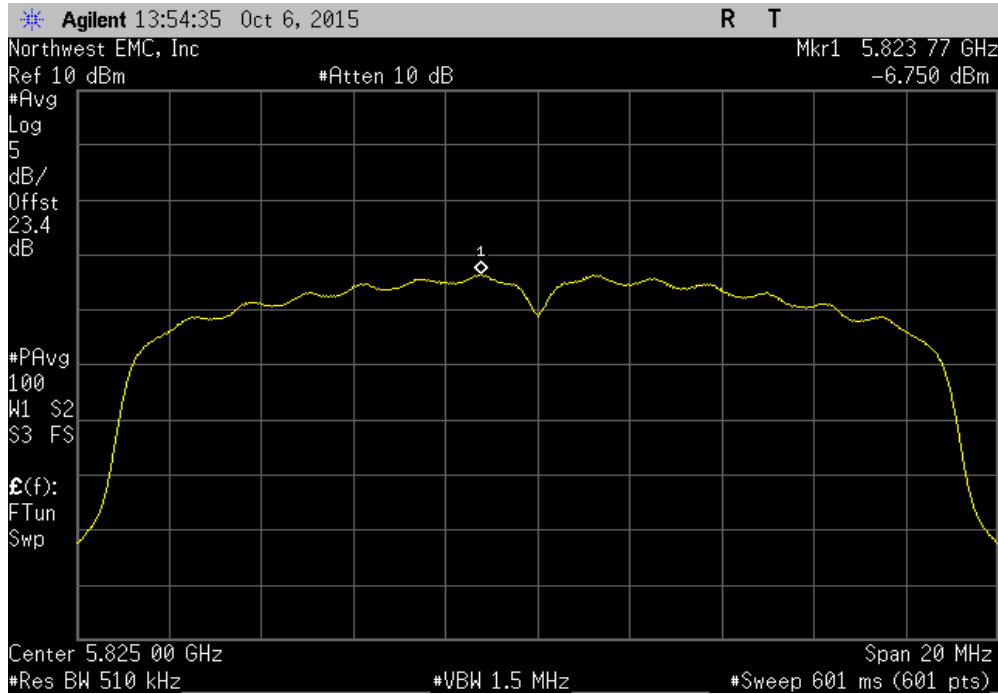


Ant 1, 802.11(n) MCS7, 5725 - 5825 MHz Band, Mid Channel 157, 5785 MHz						
Power (dBm/MHz)	Duty Cycle Factor (dB)	Density (dBm/MHz)	Limit ε (dBm / Ref BW)	Results		
-6.896	5.5	-1.4	30	Pass		

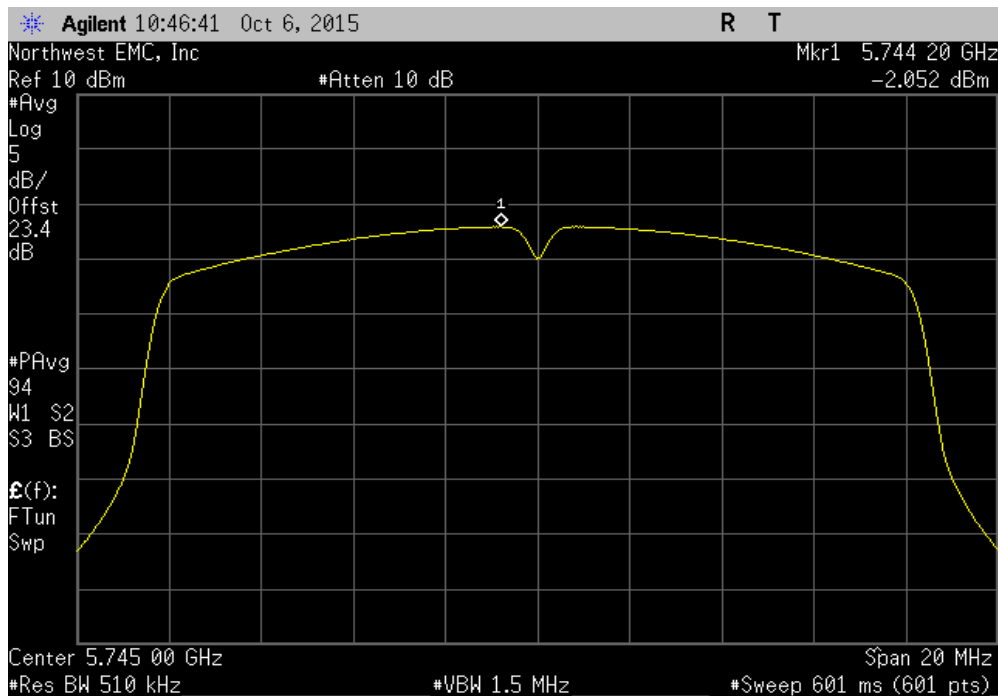


# MAXIMUM POWER SPECTRAL DENSITY

Ant 1, 802.11(n) MCS7, 5725 - 5825 MHz Band, High Channel 165, 5825 MHz						
Power (dBm/MHz)	Duty Cycle Factor (dB)	Density (dBm/MHz)	Limit (dBm / Ref BW)	Results		
-6.75	5.5	-1.2	30	Pass		



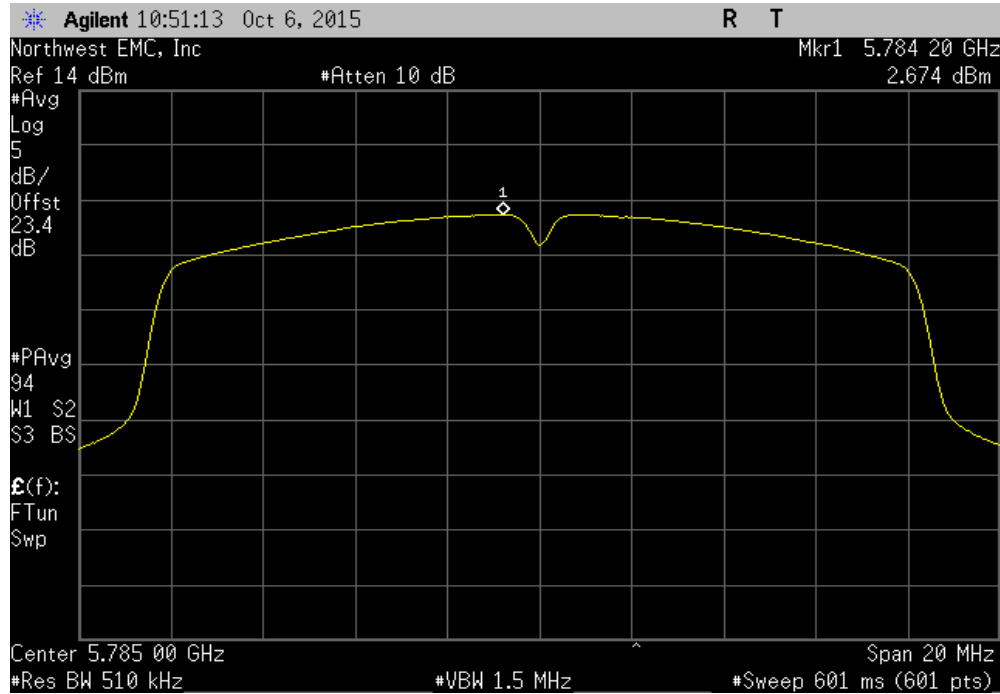
Ant 2, 802.11(a) 6 Mbps, 5725 - 5825 MHz Band, Low Channel 149, 5745 MHz						
Power (dBm/MHz)	Duty Cycle Factor (dB)	Density (dBm/MHz)	Limit (dBm / Ref BW)	Results		
-2.052	1.1	-0.9	30	Pass		



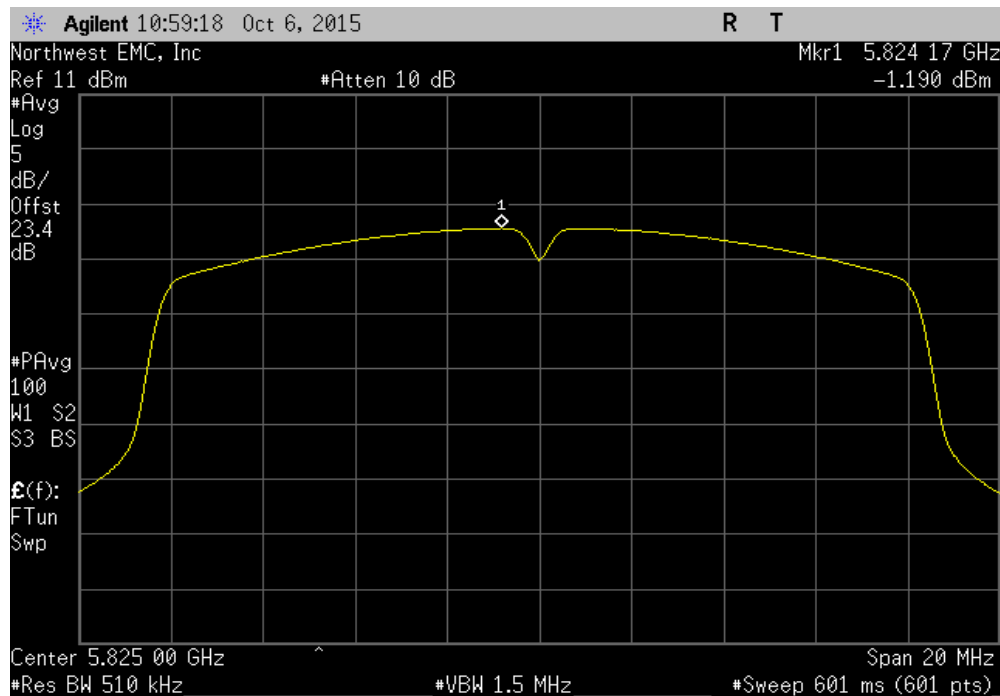


# MAXIMUM POWER SPECTRAL DENSITY

Ant 2, 802.11(a) 6 Mbps, 5725 - 5825 MHz Band, Mid Channel 157, 5785 MHz						
Power (dBm/MHz)	Duty Cycle Factor (dB)	Density (dBm/MHz)	Limit ε (dBm / Ref BW)	Results		
2.675	1.1	3.8	30	Pass		

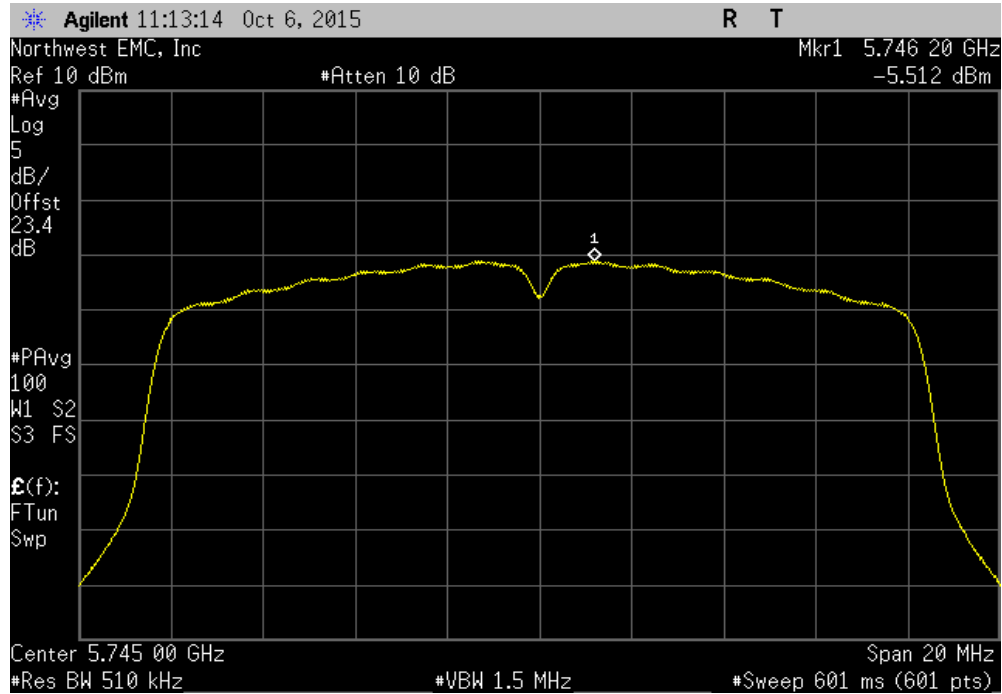


Ant 2, 802.11(a) 6 Mbps, 5725 - 5825 MHz Band, High Channel 165, 5825 MHz						
Power (dBm/MHz)	Duty Cycle Factor (dB)	Density (dBm/MHz)	Limit ε (dBm / Ref BW)	Results		
-1.19	1.1	-0.1	30	Pass		

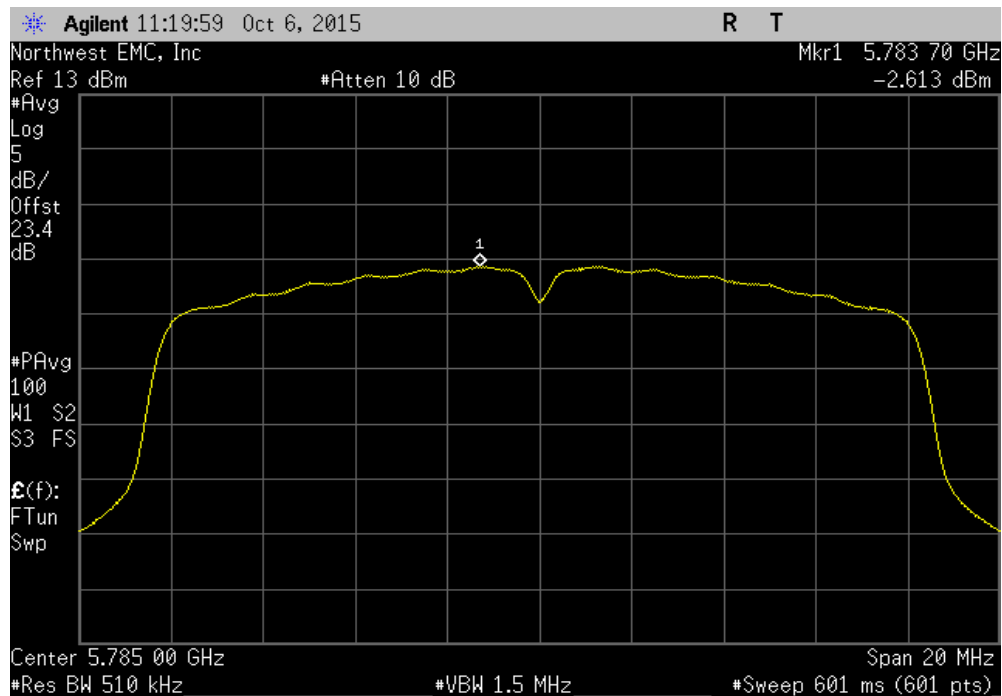


# MAXIMUM POWER SPECTRAL DENSITY

Ant 2, 802.11(a) 36 Mbps, 5725 - 5825 MHz Band, Low Channel 149, 5745 MHz						
Power (dBm/MHz)	Duty Cycle Factor (dB)	Density (dBm/MHz)	Limit (dBm / Ref BW)	Results		
-5.512	4.2	-1.3	30	Pass		

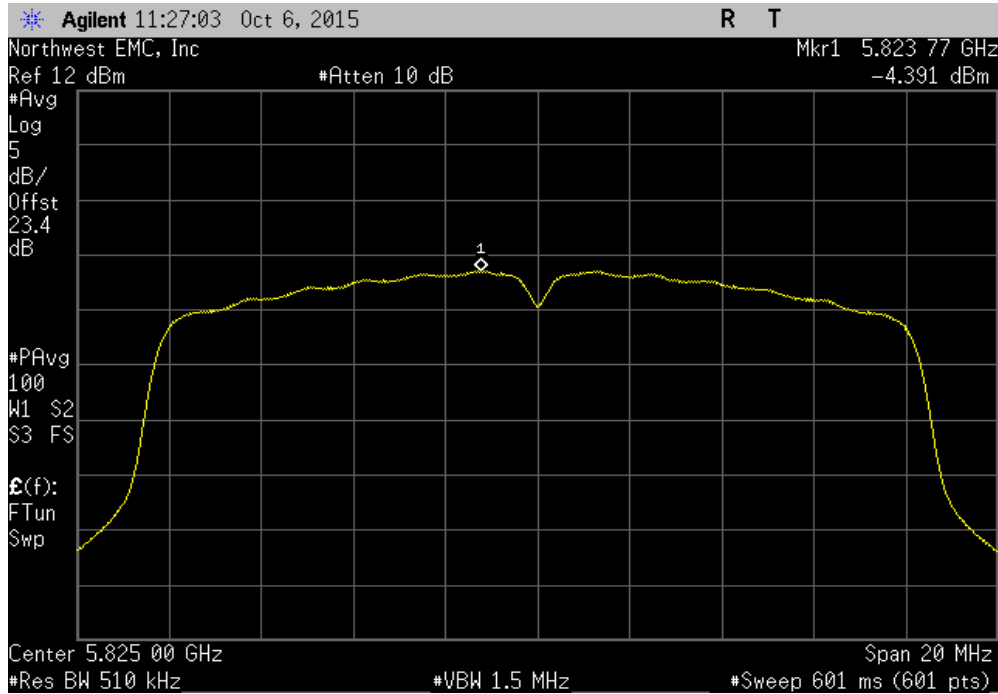


Ant 2, 802.11(a) 36 Mbps, 5725 - 5825 MHz Band, Mid Channel 157, 5785 MHz						
Power (dBm/MHz)	Duty Cycle Factor (dB)	Density (dBm/MHz)	Limit (dBm / Ref BW)	Results		
-2.613	4.2	1.6	30	Pass		

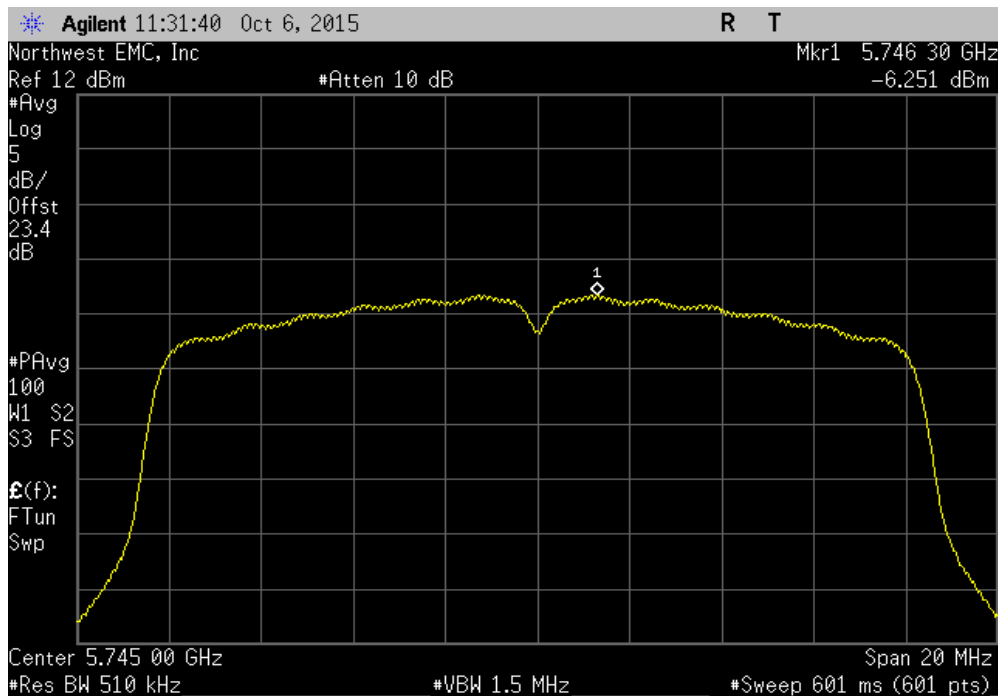


# MAXIMUM POWER SPECTRAL DENSITY

Ant 2, 802.11(a) 36 Mbps, 5725 - 5825 MHz Band, High Channel 165, 5825 MHz						
Power (dBm/MHz)	Duty Cycle Factor (dB)	Density (dBm/MHz)	Limit (dBm / Ref BW)	Results		
-4.391	4.2	-0.2	30	Pass		

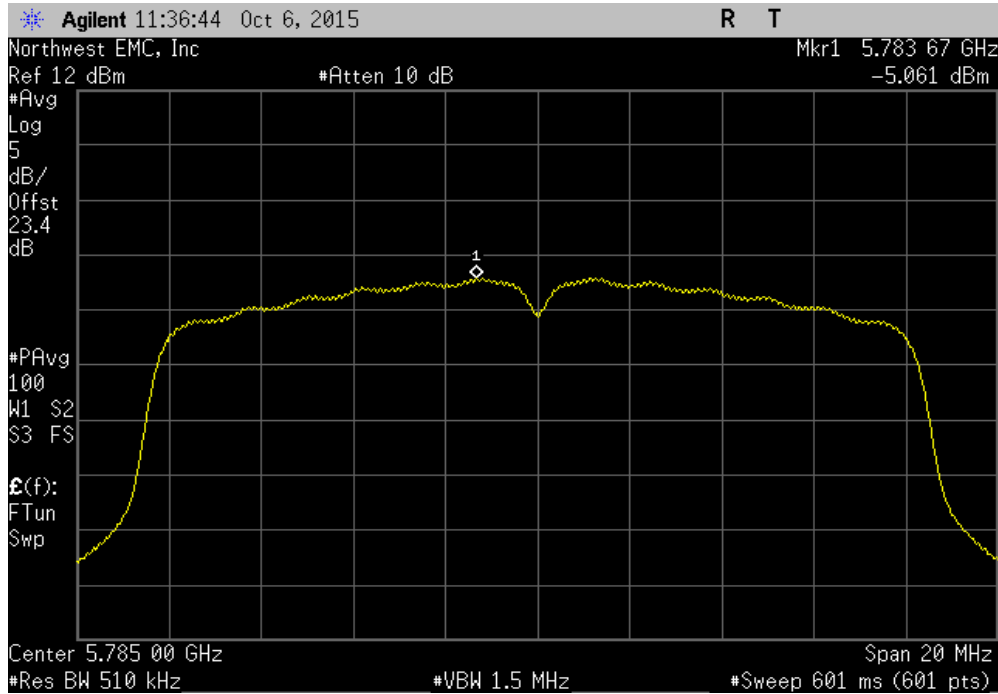


Ant 2, 802.11(a) 54 Mbps, 5725 - 5825 MHz Band, Low Channel 149, 5745 MHz						
Power (dBm/MHz)	Duty Cycle Factor (dB)	Density (dBm/MHz)	Limit (dBm / Ref BW)	Results		
-6.251	5.2	-1	30	Pass		

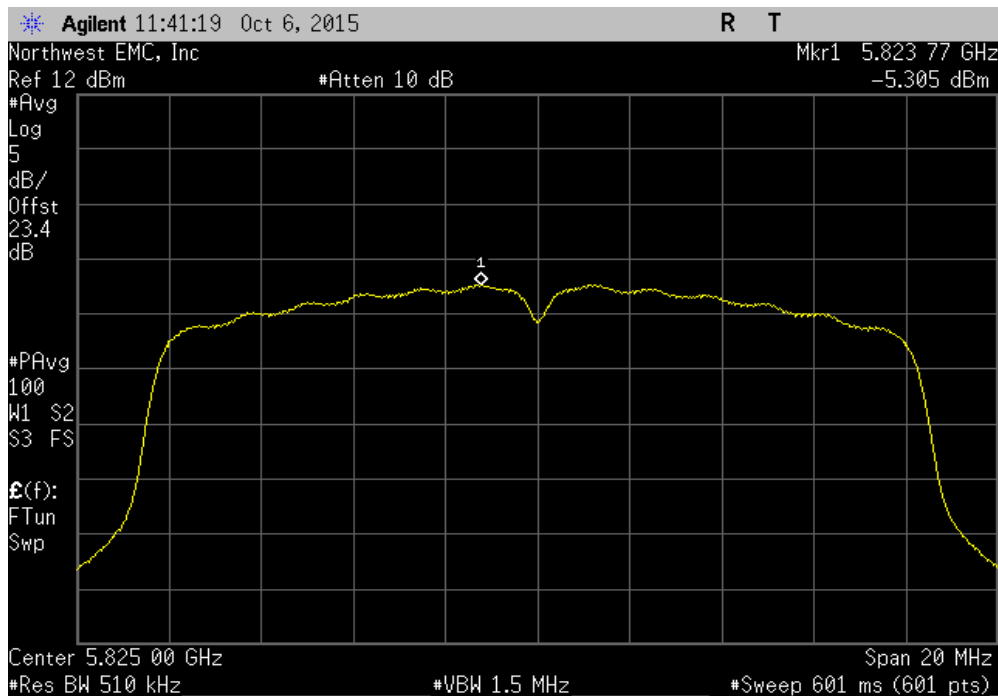


# MAXIMUM POWER SPECTRAL DENSITY

Ant 2, 802.11(a) 54 Mbps, 5725 - 5825 MHz Band, Mid Channel 157, 5785 MHz						
Power (dBm/MHz)	Duty Cycle Factor (dB)	Density (dBm/MHz)	Limit ε (dBm / Ref BW)	Results		
-5.061	5.2	0.2	30	Pass		

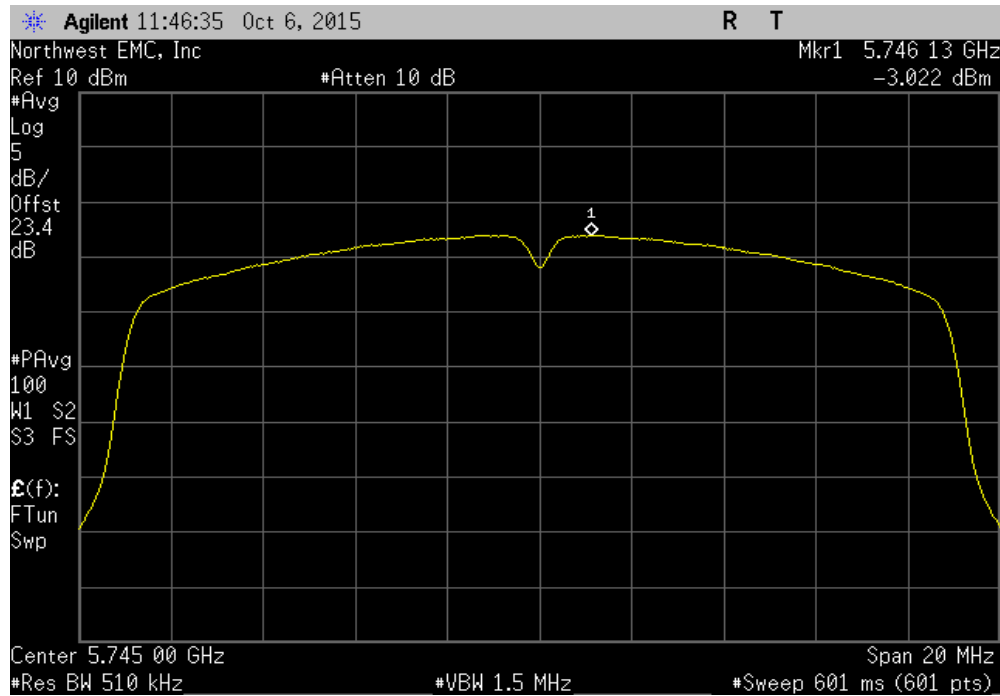


Ant 2, 802.11(a) 54 Mbps, 5725 - 5825 MHz Band, High Channel 165, 5825 MHz						
Power (dBm/MHz)	Duty Cycle Factor (dB)	Density (dBm/MHz)	Limit ε (dBm / Ref BW)	Results		
-5.305	5.3	0	30	Pass		

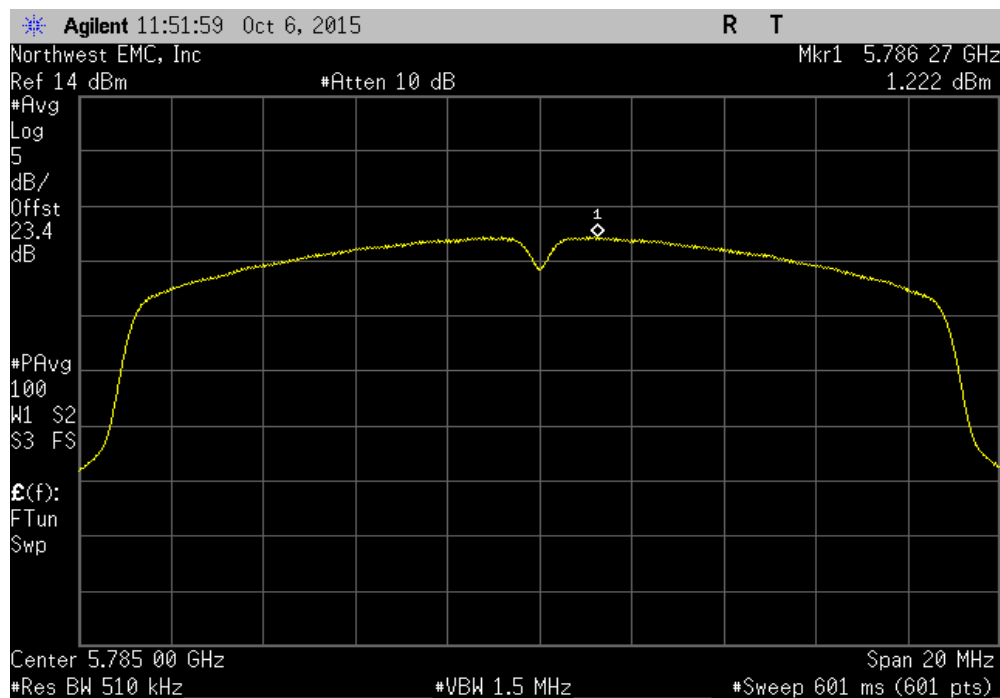


# MAXIMUM POWER SPECTRAL DENSITY

Ant 2, 802.11(n) MCS0, 5725 - 5825 MHz Band, Low Channel 149, 5745 MHz						
Power (dBm/MHz)	Duty Cycle Factor (dB)	Density (dBm/MHz)	Limit ε (dBm / Ref BW)	Results		
-3.022	1.2	-1.8	30	Pass		

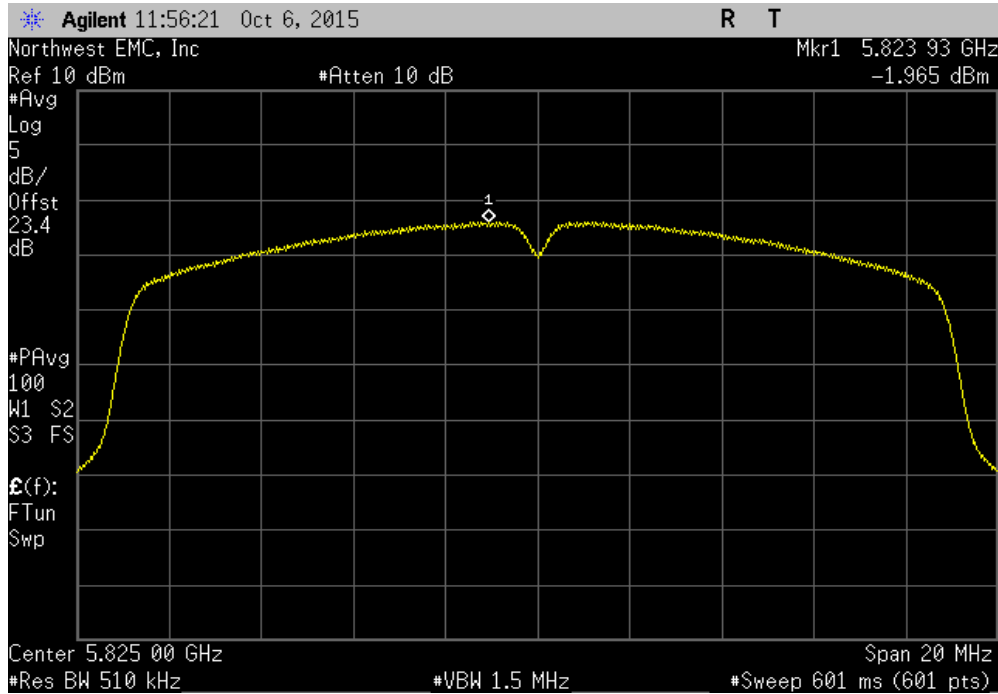


Ant 2, 802.11(n) MCS0, 5725 - 5825 MHz Band, Mid Channel 157, 5785 MHz						
Power (dBm/MHz)	Duty Cycle Factor (dB)	Density (dBm/MHz)	Limit ε (dBm / Ref BW)	Results		
1.222	1.2	2.4	30	Pass		

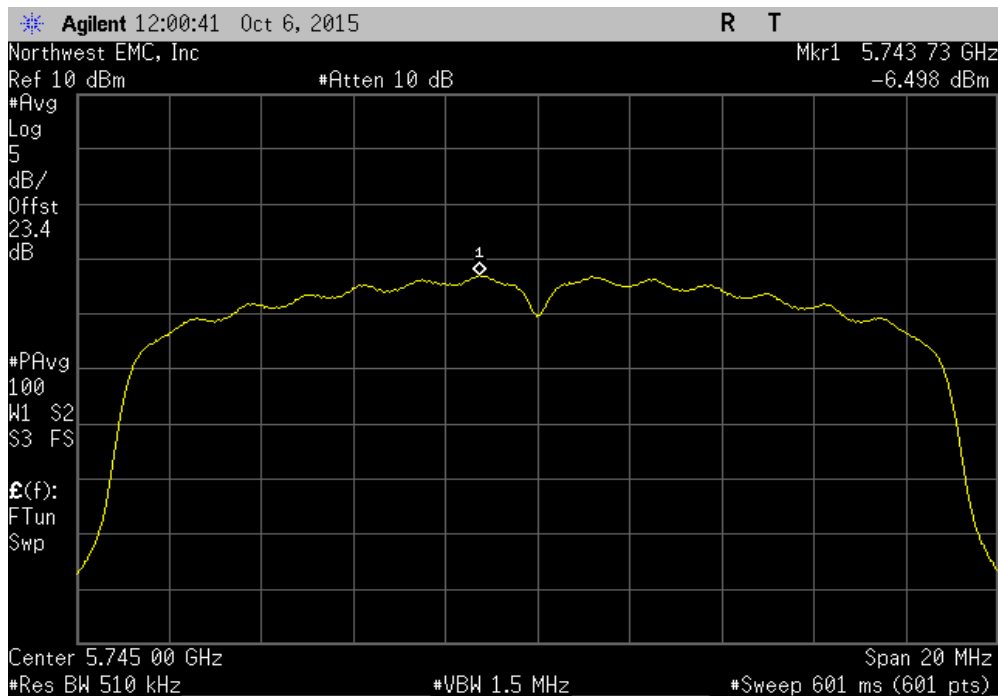


# MAXIMUM POWER SPECTRAL DENSITY

Ant 2, 802.11(n) MCS0, 5725 - 5825 MHz Band, High Channel 165, 5825 MHz						
Power (dBm/MHz)	Duty Cycle Factor (dB)	Density (dBm/MHz)	Limit (dBm / Ref BW)	Results		
-1.965	1.2	-0.8	30	Pass		

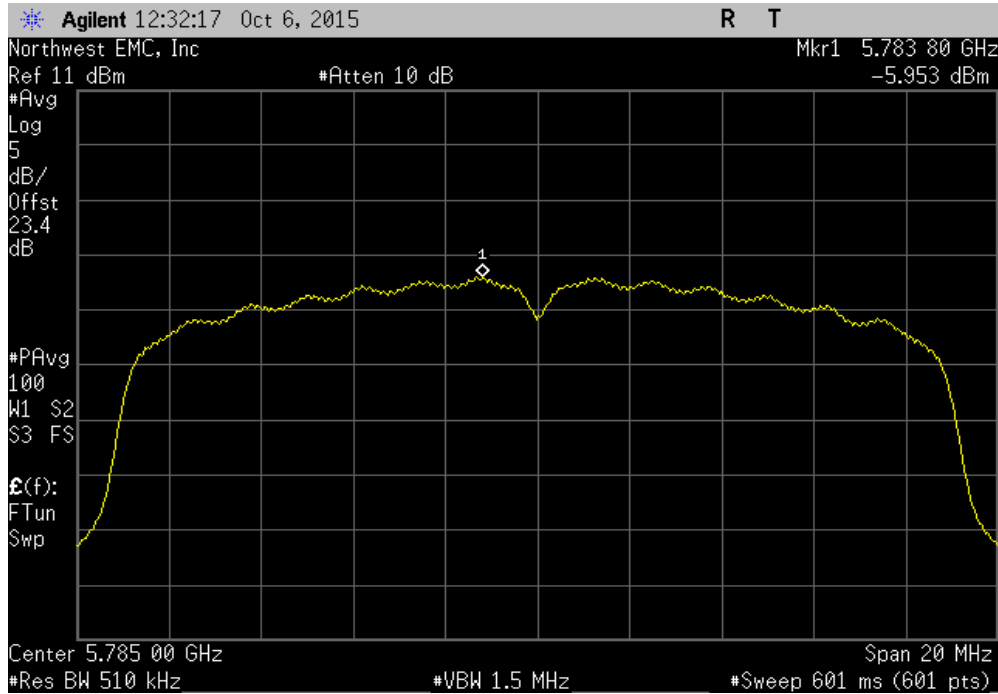


Ant 2, 802.11(n) MCS7, 5725 - 5825 MHz Band, Low Channel 149, 5745 MHz						
Power (dBm/MHz)	Duty Cycle Factor (dB)	Density (dBm/MHz)	Limit (dBm / Ref BW)	Results		
-6.498	5.5	-1	30	Pass		



# MAXIMUM POWER SPECTRAL DENSITY

Ant 2, 802.11(n) MCS7, 5725 - 5825 MHz Band, Mid Channel 157, 5785 MHz						
Power (dBm/MHz)	Duty Cycle Factor (dB)	Density (dBm/MHz)	Limit (dBm / Ref BW)	Results		
-5.953	5.5	-0.5	30	Pass		



Ant 2, 802.11(n) MCS7, 5725 - 5825 MHz Band, High Channel 165, 5825 MHz						
Power (dBm/MHz)	Duty Cycle Factor (dB)	Density (dBm/MHz)	Limit (dBm / Ref BW)	Results		
-5.806	5.5	-0.3	30	Pass		

