

# BAND EDGE

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
Attenuator	Fairview Microwave	SA4014-20	TKV	3/4/2016	12
Block - DC	Fairview Microwave	SD3379	AMJ	6/6/2015	12
Cable	ESM Cable Corp.	TTBJ-141 KMKM-72	NC5	6/6/2015	12
Generator - Signal	Agilent	N5183A	TID	11/26/2014	36

## TEST DESCRIPTION

The -26 dB emission bandwidth of the carrier was measured to ensure that no part of the emission of the carrier operating in a non-DFS band was operating in a band where DFS testing is required. This test is done with the U-NII-1 band (5.2 GHz band) to ensure no portion of the carrier is contained within the U-NII-2A band and with the U-NII-3 band (5.8 GHz band) to ensure no portion of the carrier is contained in the U-NII-2C band.


The transmit frequencies and data rates listed in the datasheet were measured. 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.

# BAND EDGE

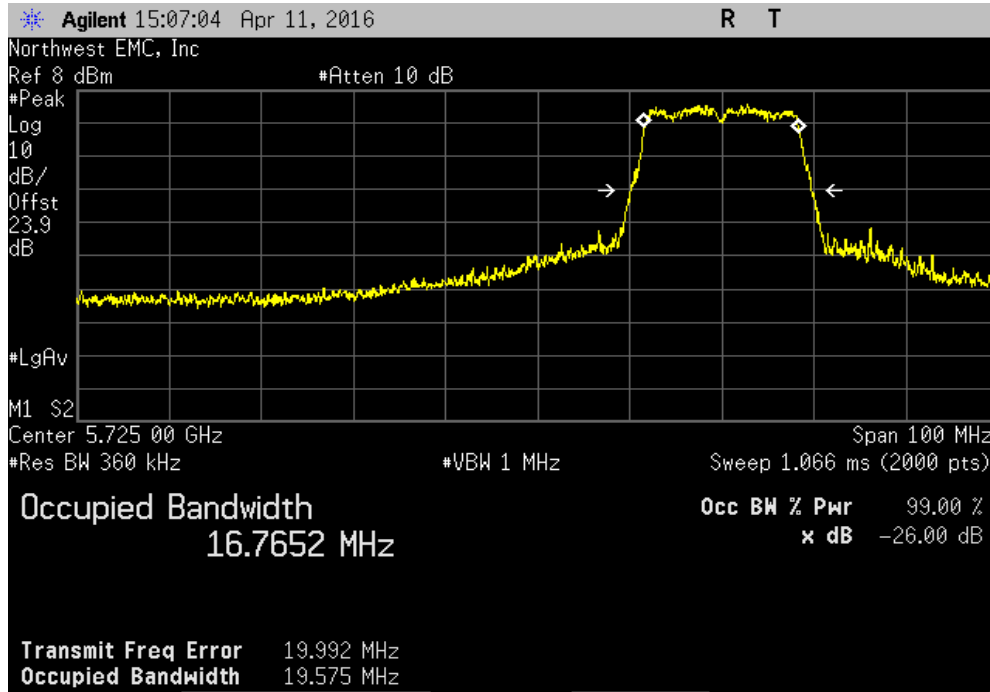


XMtr 2015.01.14

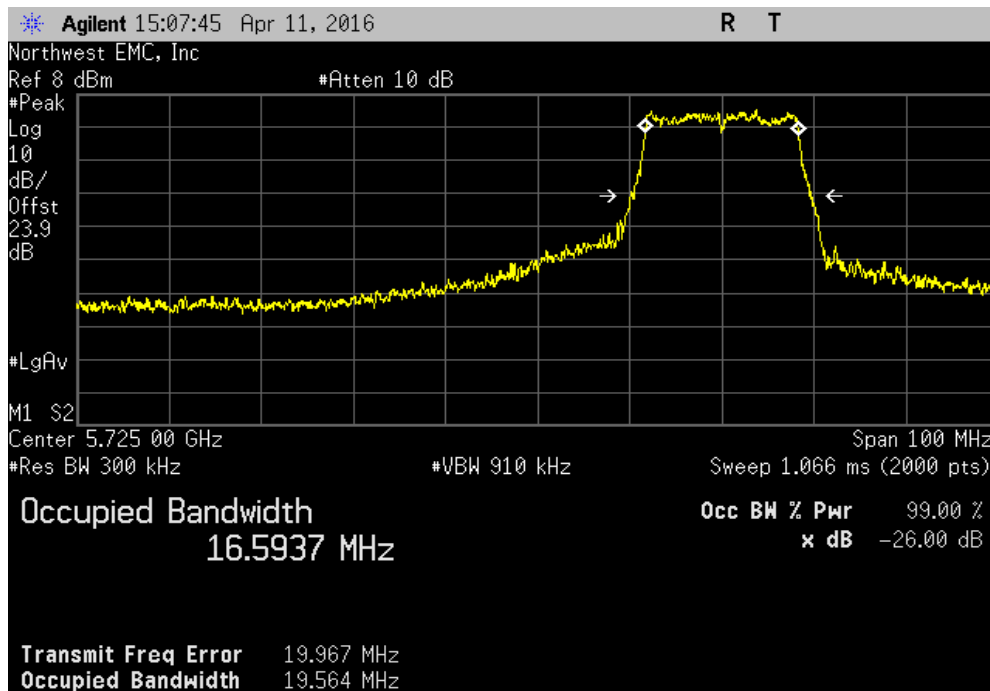
EUT: Model 1631		Work Order: MCSO1748		
Serial Number: 041152140753		Date: 04/12/16		
Customer: Microsoft Corporation		Temperature: 23°C		
Attendees: None		Humidity: 33%		
Project: None		Barometric Pres.: 1019 mbar		
Tested by: Richard Mellroth		Power: 110VAC/60Hz		
		Job Site: NC02		
TEST SPECIFICATIONS		Test Method		
FCC 15.407:2016		ANSI C63.10:2013		
COMMENTS				
Power setting at 11dBm for 20MHz and 40MHz channels. Power Setting at 10dBm for 80MHz channels. Client supplied adapter cable loss of 1.3dB included in reference level offset. Signal setting at > 95% Duty Cycle.				
DEVIATIONS FROM TEST STANDARD				
None				
Configuration #	1	Signature 		
		OBW Within Band	Band Edge (MHz)	Result
SISO, Chain A				
20MHz BW				
Low Channel, Ch 149 - 5745 MHz				
	802.11(a) 6 Mbps	Yes	5725	Pass
	802.11(a) 36 Mbps	Yes	5725	Pass
	802.11(a) 54 Mbps	Yes	5725	Pass
	802.11(n) MCS0	Yes	5725	Pass
	802.11(n) MCS7	Yes	5725	Pass
	802.11(ac) MCS0	Yes	5725	Pass
	802.11(ac) MCS8	Yes	5725	Pass
40MHz BW				
Low Channel, Ch 149/153 - 5755 MHz				
	802.11(n) MCS0	Yes	5725	Pass
	802.11(n) MCS7	Yes	5725	Pass
	802.11(ac) MCS0	Yes	5725	Pass
	802.11(ac) MCS9	Yes	5725	Pass
80MHz BW				
Mid Channel, Ch 149/161 - 5775 MHz				
	802.11(ac) MCS0	Yes	5725	Pass
	802.11(ac) MCS9	Yes	5725	Pass
SISO, Chain B				
20MHz BW				
Low Channel, Ch 149 - 5745 MHz				
	802.11(a) 6 Mbps	Yes	5725	Pass
	802.11(a) 36 Mbps	Yes	5725	Pass
	802.11(a) 54 Mbps	Yes	5725	Pass
	802.11(n) MCS0	Yes	5725	Pass
	802.11(n) MCS7	Yes	5725	Pass
	802.11(ac) MCS0	Yes	5725	Pass
	802.11(ac) MCS8	Yes	5725	Pass
40MHz BW				
Low Channel, Ch 149/153 - 5755 MHz				
	802.11(n) MCS0	Yes	5725	Pass
	802.11(n) MCS7	Yes	5725	Pass
	802.11(ac) MCS0	Yes	5725	Pass
	802.11(ac) MCS9	Yes	5725	Pass
80MHz BW				
Mid Channel, Ch 149/161 - 5775 MHz				
	802.11(ac) MCS0	Yes	5725	Pass
	802.11(ac) MCS9	Yes	5725	Pass

# BAND EDGE

SISO, Chain A, 20MHz BW, Low Channel, Ch 149 - 5745 MHz, 802.11(a) 6 Mbps						
				OBW Within Band	Band Edge (MHz)	Result
				Yes	5725	Pass

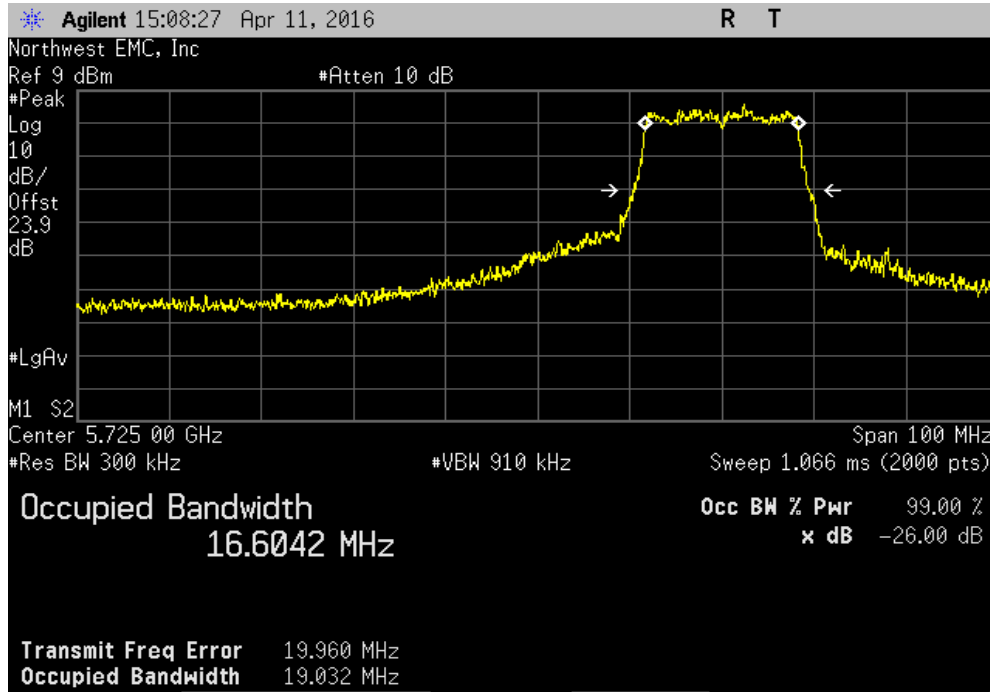


SISO, Chain A, 20MHz BW, Low Channel, Ch 149 - 5745 MHz, 802.11(a) 36 Mbps						
				OBW Within Band	Band Edge (MHz)	Result
				Yes	5725	Pass

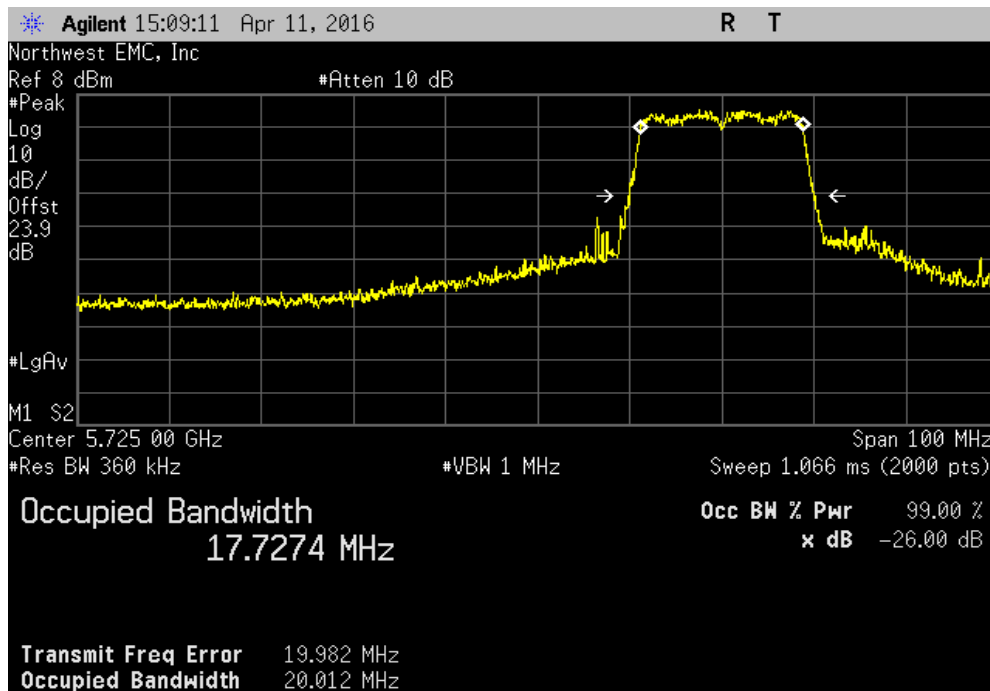


# BAND EDGE

SISO, Chain A, 20MHz BW, Low Channel, Ch 149 - 5745 MHz, 802.11(a) 54 Mbps						
			OBW	Band Edge		
			Within Band	(MHz)	Result	
			Yes	5725	Pass	

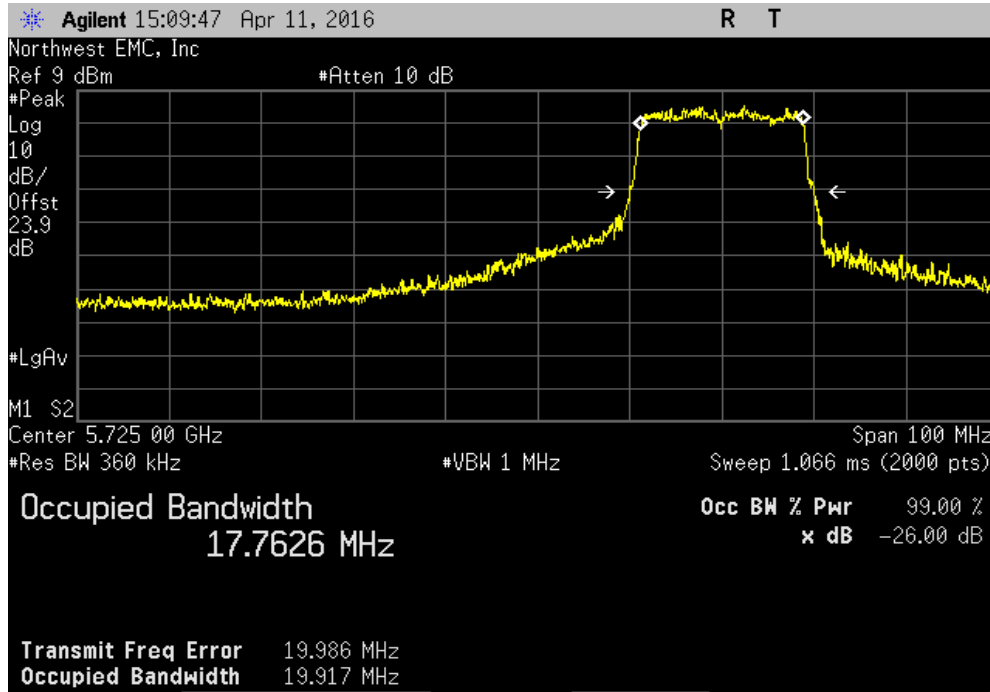


SISO, Chain A, 20MHz BW, Low Channel, Ch 149 - 5745 MHz, 802.11(n) MCS0						
			OBW	Band Edge		
			Within Band	(MHz)	Result	
			Yes	5725	Pass	

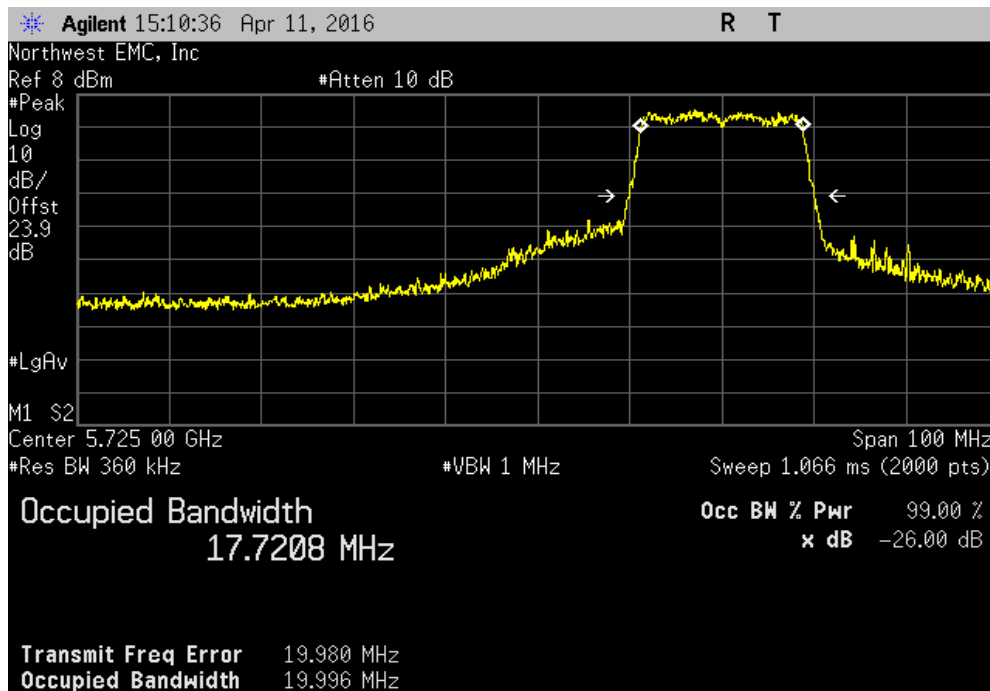


# BAND EDGE

SISO, Chain A, 20MHz BW, Low Channel, Ch 149 - 5745 MHz, 802.11(n) MCS7						
				OBW Within Band	Band Edge (MHz)	Result
				Yes	5725	Pass

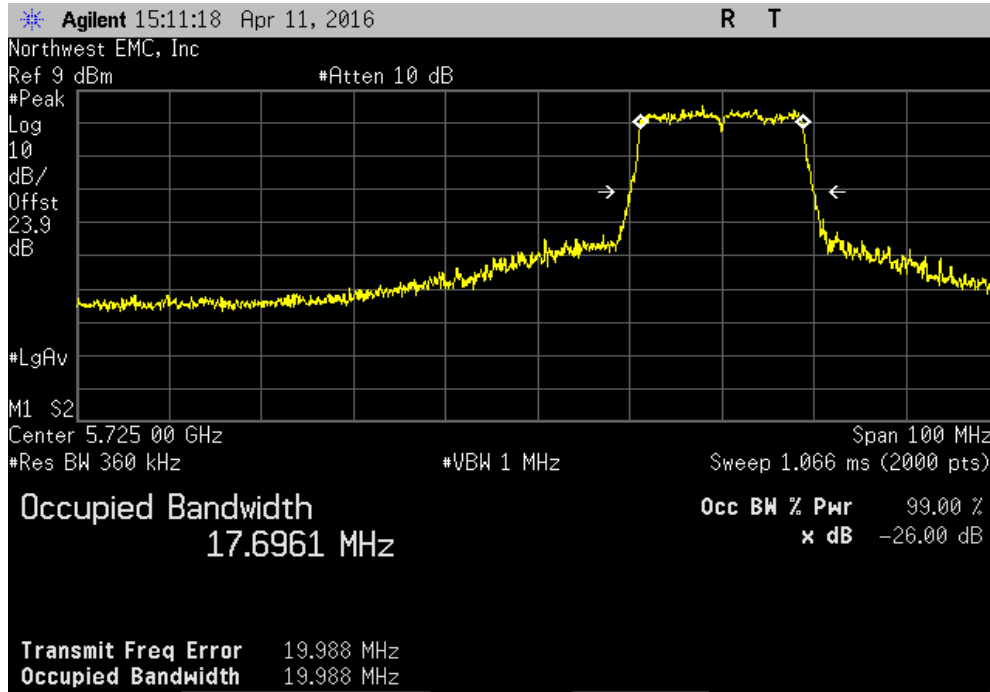


SISO, Chain A, 20MHz BW, Low Channel, Ch 149 - 5745 MHz, 802.11(ac) MCS0						
				OBW Within Band	Band Edge (MHz)	Result
				Yes	5725	Pass

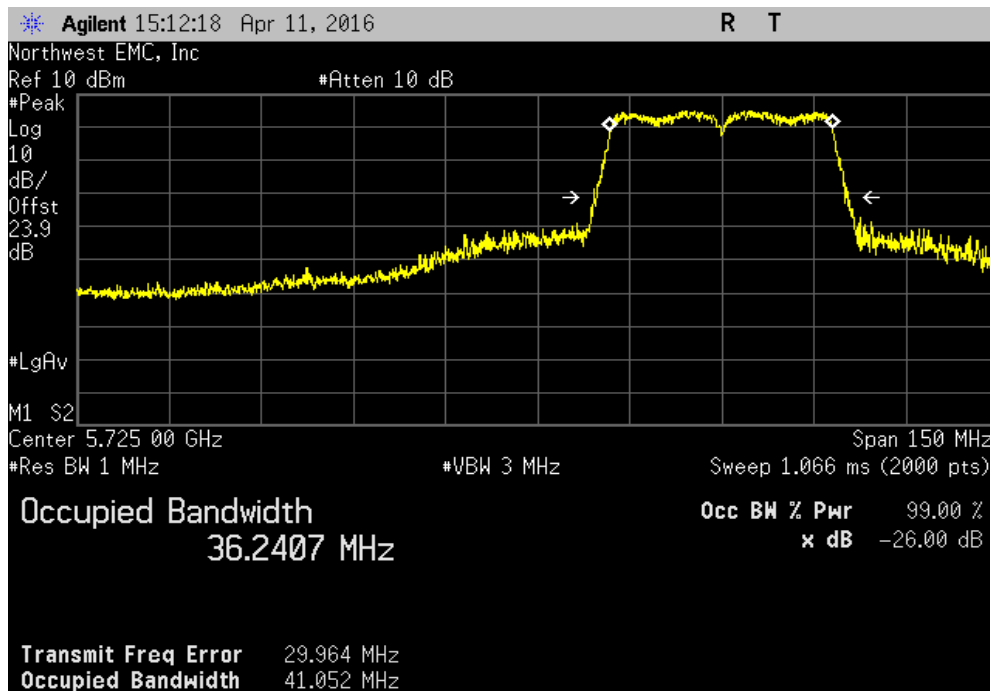


# BAND EDGE

SISO, Chain A, 20MHz BW, Low Channel, Ch 149 - 5745 MHz, 802.11(ac) MCS8						
				OBW Within Band	Band Edge (MHz)	Result
				Yes	5725	Pass

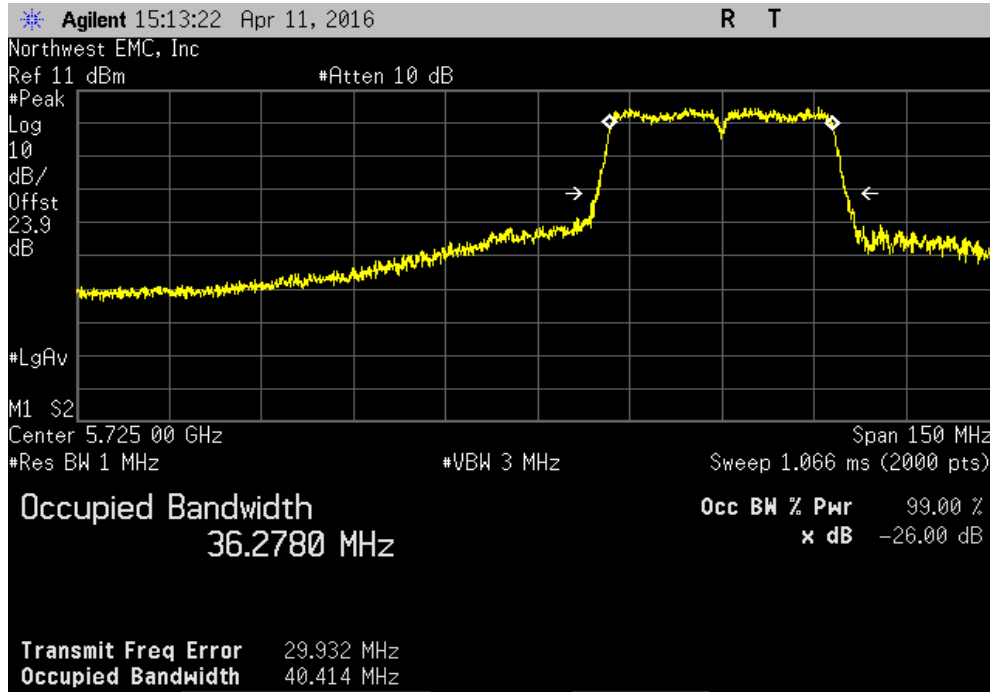


SISO, Chain A, 40MHz BW, Low Channel, Ch 149/153 - 5755 MHz, 802.11(n) MCS0						
				OBW Within Band	Band Edge (MHz)	Result
				Yes	5725	Pass

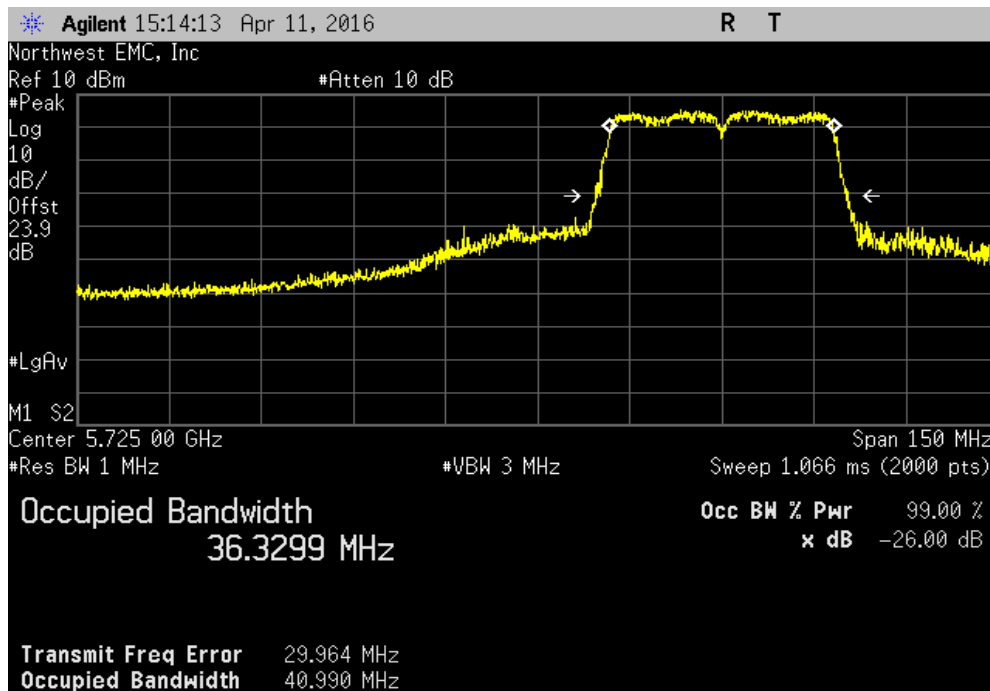


# BAND EDGE

SISO, Chain A, 40MHz BW, Low Channel, Ch 149/153 - 5755 MHz, 802.11(n) MCS7						
				OBW Within Band	Band Edge (MHz)	Result
				Yes	5725	Pass

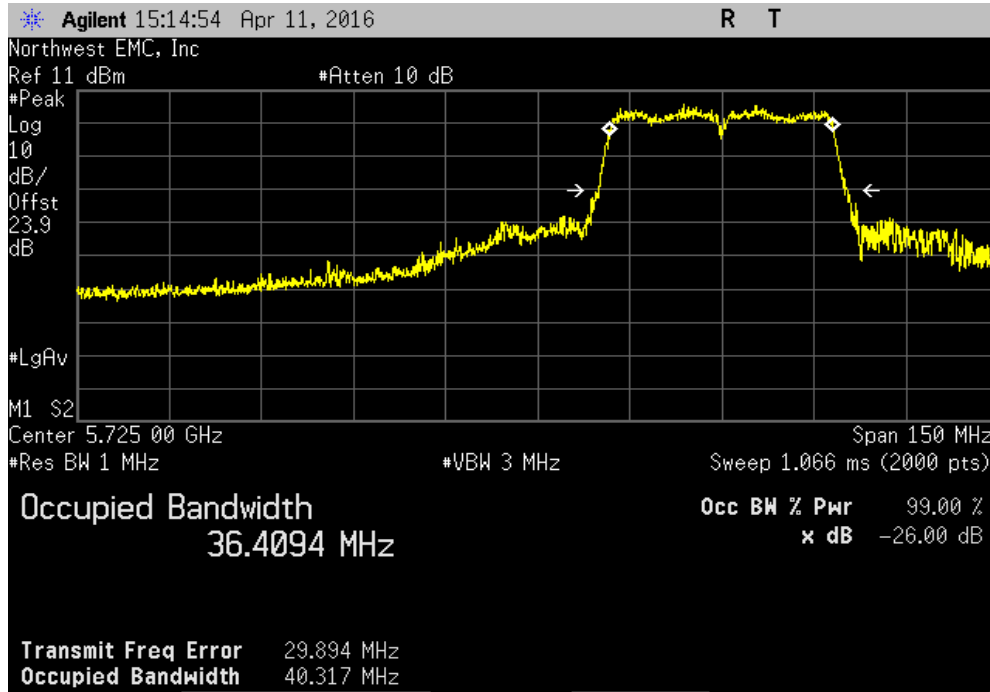


SISO, Chain A, 40MHz BW, Low Channel, Ch 149/153 - 5755 MHz, 802.11(ac) MCS0						
				OBW Within Band	Band Edge (MHz)	Result
				Yes	5725	Pass

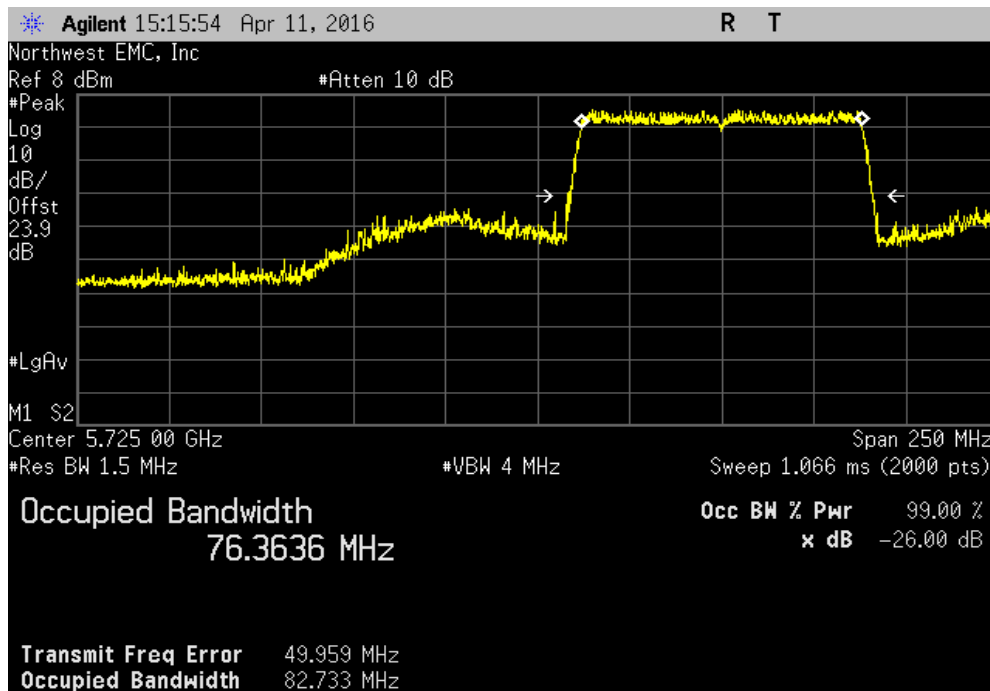


# BAND EDGE

SISO, Chain A, 40MHz BW, Low Channel, Ch 149/153 - 5755 MHz, 802.11(ac) MCS9						
				OBW Within Band	Band Edge (MHz)	Result
				Yes	5725	Pass



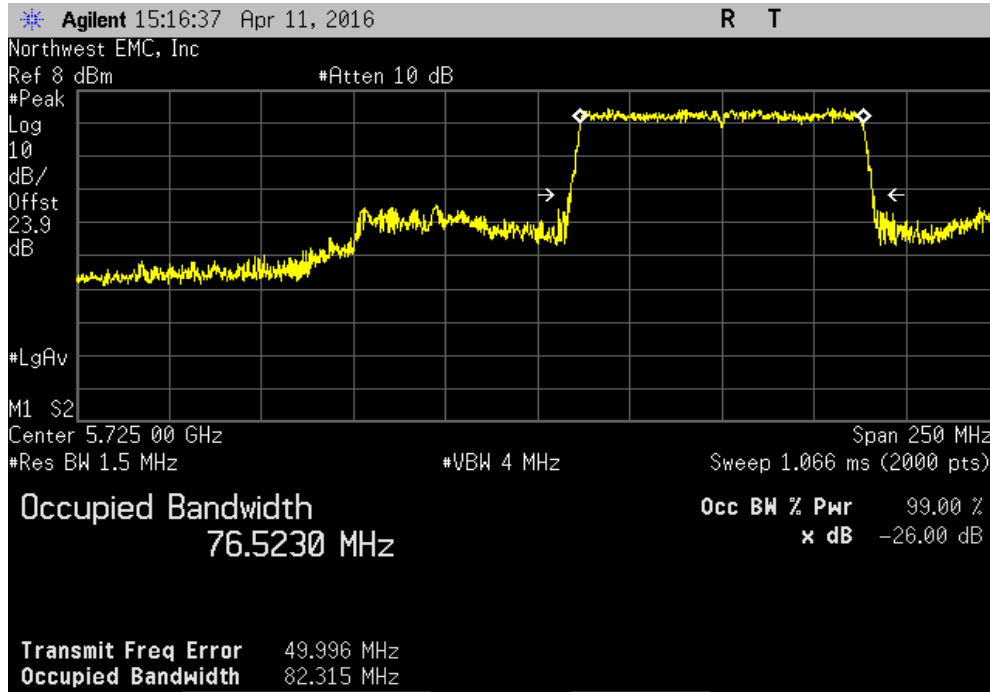
SISO, Chain A, 80MHz BW, Mid Channel, Ch 149/161 - 5775 MHz, 802.11(ac) MCS9						
				OBW Within Band	Band Edge (MHz)	Result
				Yes	5725	Pass



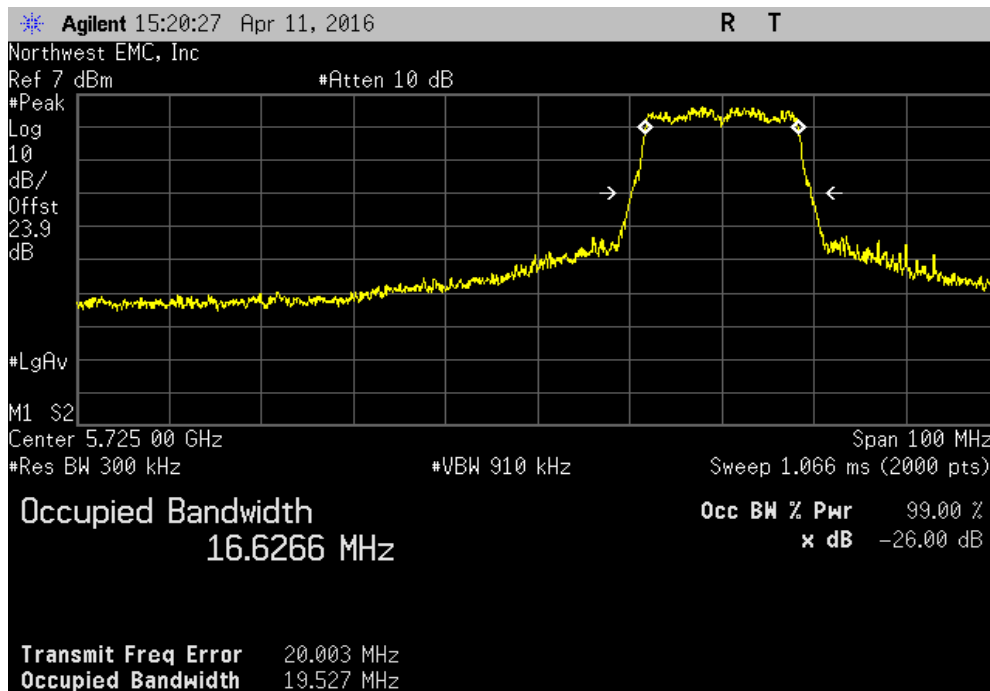


# BAND EDGE

SISO, Chain A, 80MHz BW, Mid Channel, Ch 149/161 - 5775 MHz, 802.11(ac) MCS9						
	OBW	Band Edge				
	Within Band	(MHz)	Result			
	Yes	5725	Pass			

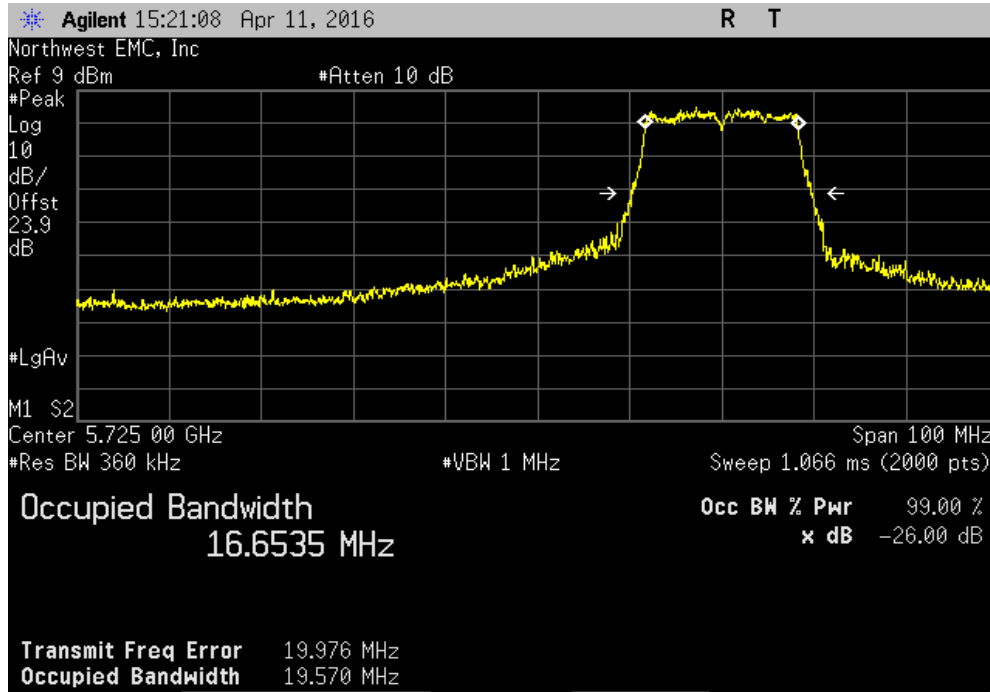


SISO, Chain B, 20MHz BW, Low Channel, Ch 149 - 5745 MHz, 802.11(a) 6 Mbps						
	OBW	Band Edge				
	Within Band	(MHz)	Result			
	Yes	5725	Pass			

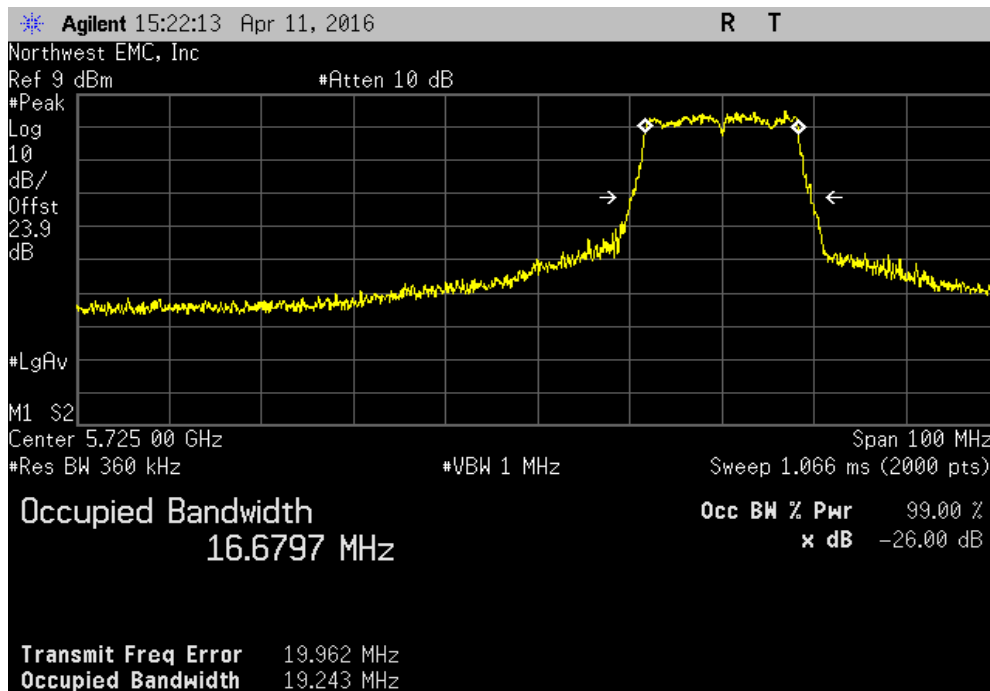


# BAND EDGE

SISO, Chain B, 20MHz BW, Low Channel, Ch 149 - 5745 MHz, 802.11(a) 36 Mbps						
		OBW	Band Edge			
		Within Band	(MHz)	Result		
		Yes	5725	Pass		

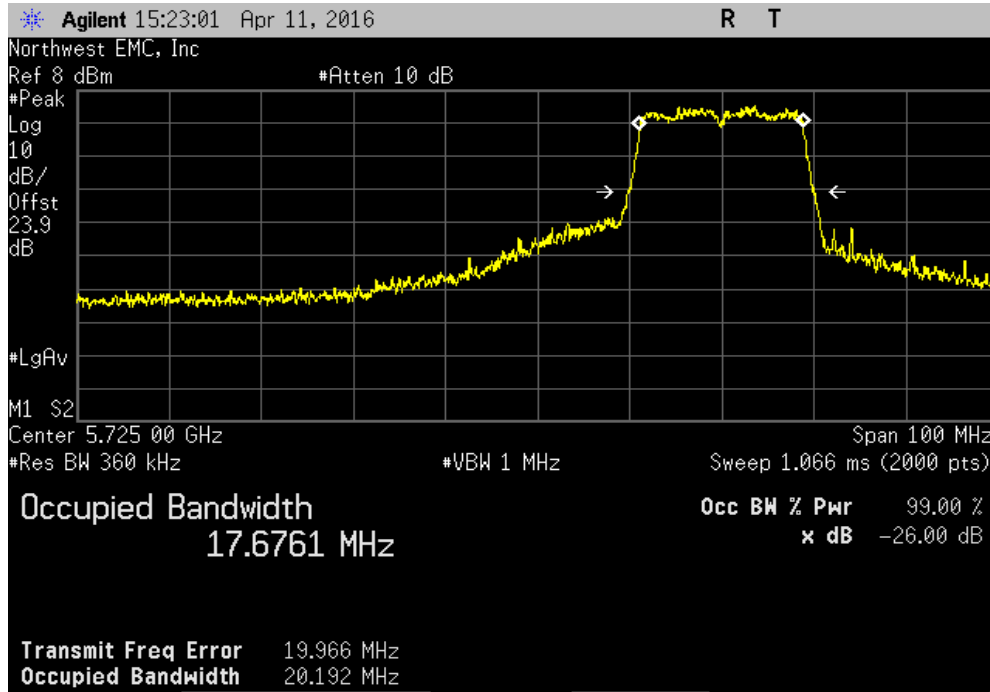


SISO, Chain B, 20MHz BW, Low Channel, Ch 149 - 5745 MHz, 802.11(a) 54 Mbps						
		OBW	Band Edge			
		Within Band	(MHz)	Result		
		Yes	5725	Pass		

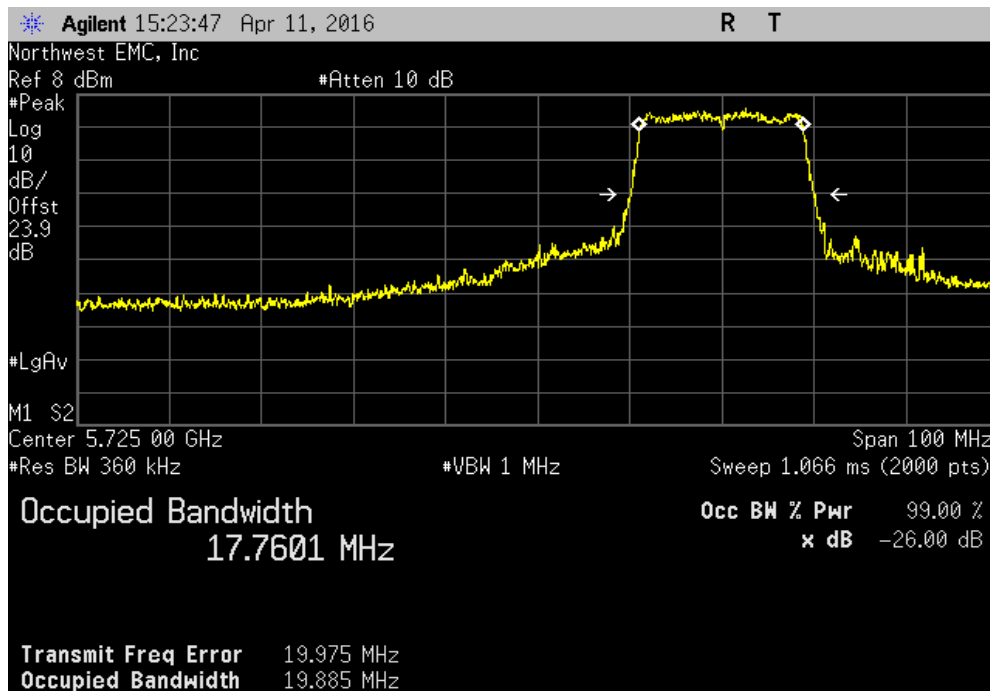


# BAND EDGE

SISO, Chain B, 20MHz BW, Low Channel, Ch 149 - 5745 MHz, 802.11(n) MCS0						
				OBW Within Band	Band Edge (MHz)	Result
				Yes	5725	Pass

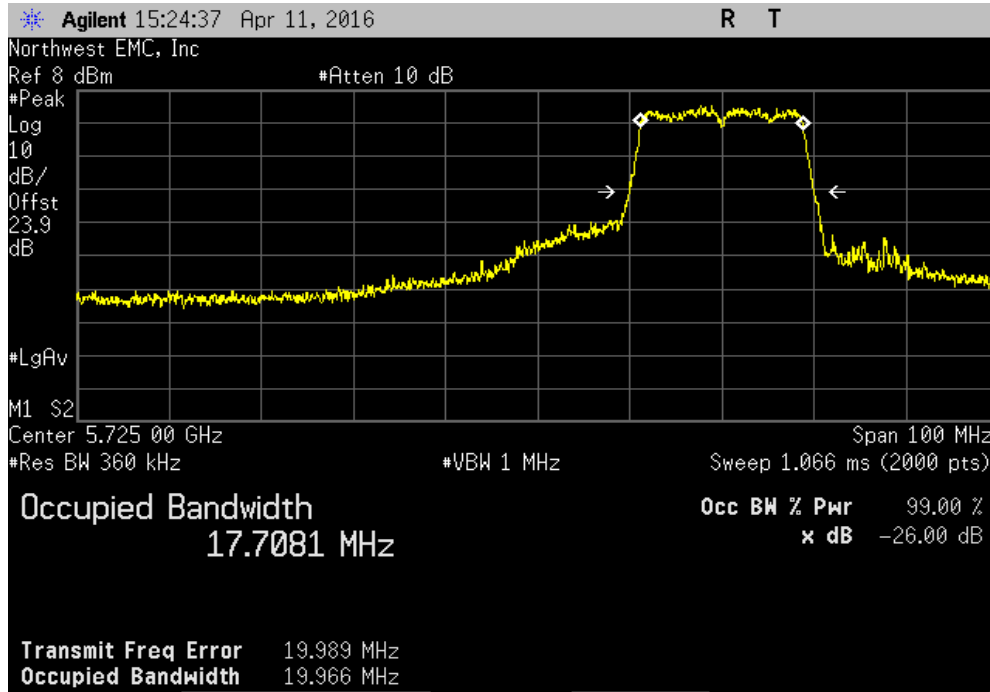


SISO, Chain B, 20MHz BW, Low Channel, Ch 149 - 5745 MHz, 802.11(n) MCS7						
				OBW Within Band	Band Edge (MHz)	Result
				Yes	5725	Pass

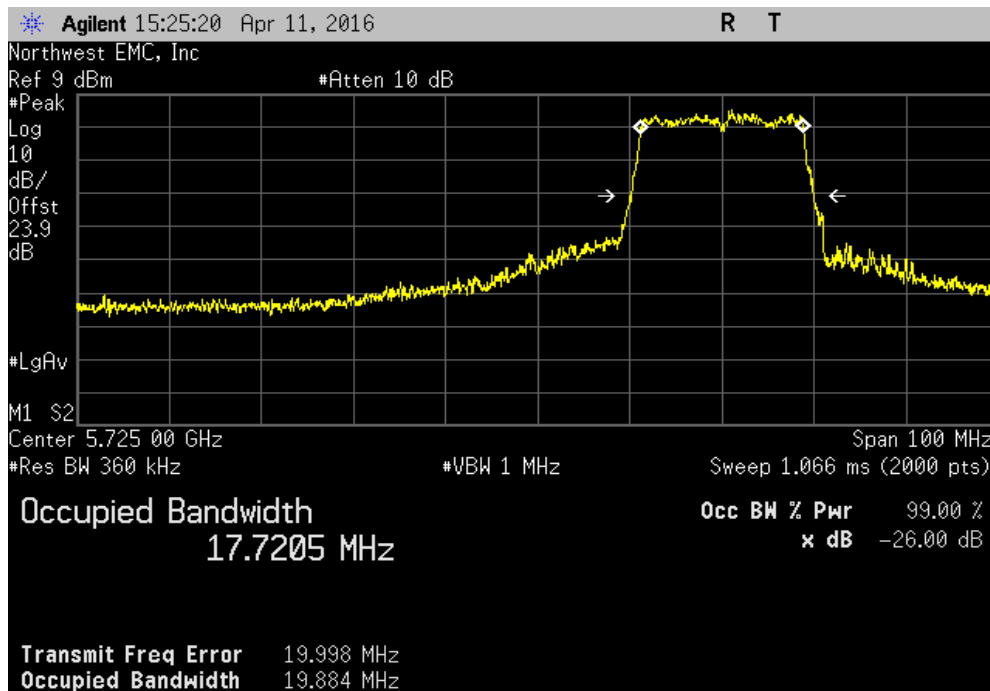


# BAND EDGE

SISO, Chain B, 20MHz BW, Low Channel, Ch 149 - 5745 MHz, 802.11(ac) MCS0						
				OBW Within Band	Band Edge (MHz)	Result
				Yes	5725	Pass

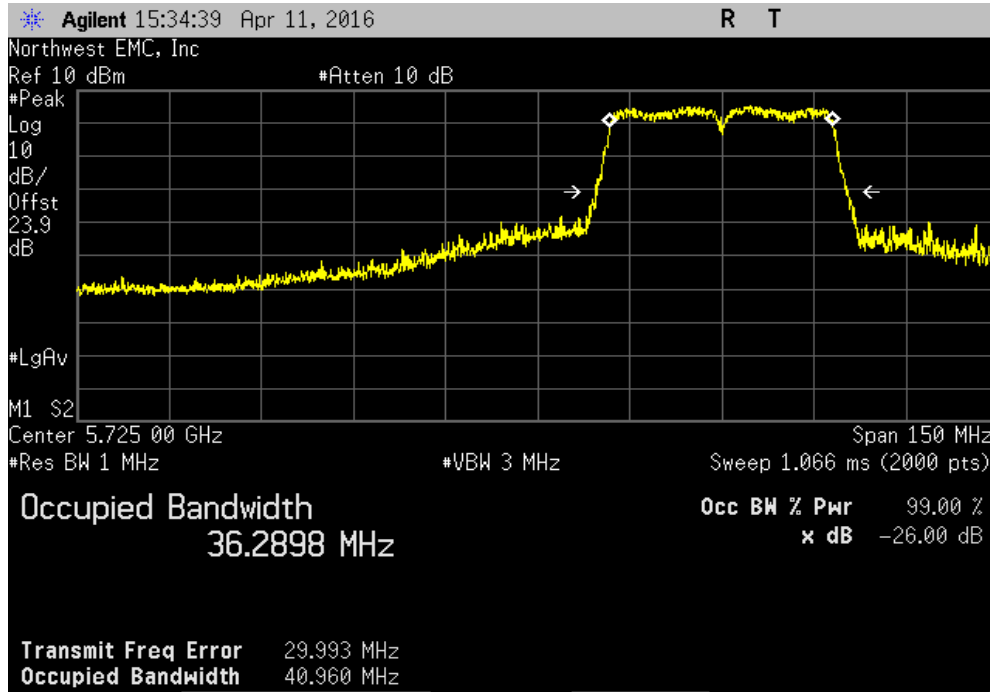


SISO, Chain B, 20MHz BW, Low Channel, Ch 149 - 5745 MHz, 802.11(ac) MCS8						
				OBW Within Band	Band Edge (MHz)	Result
				Yes	5725	Pass

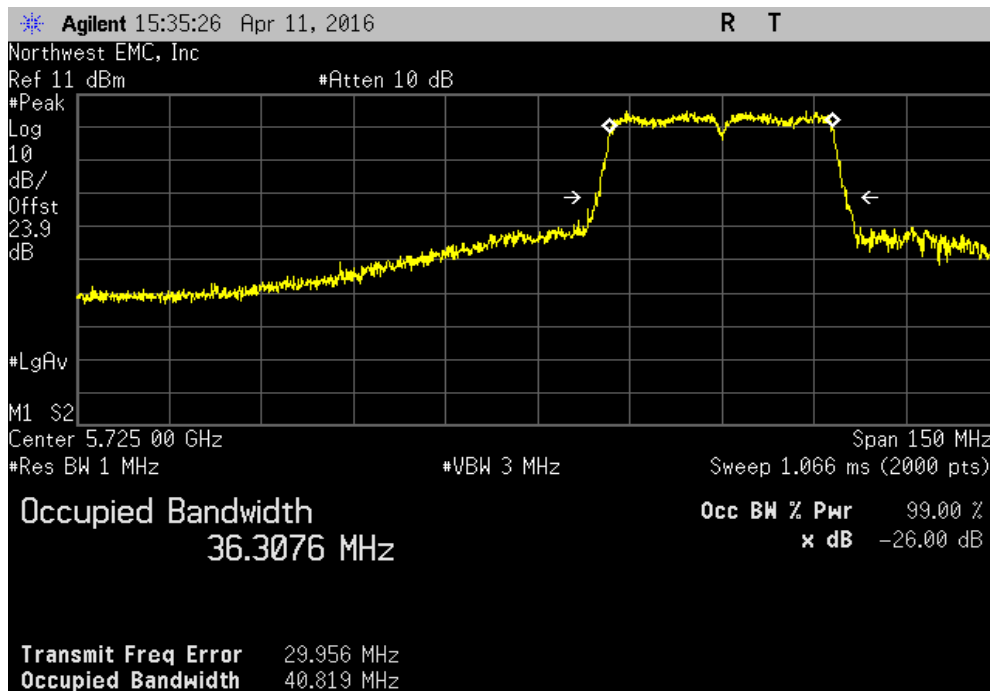


# BAND EDGE

SISO, Chain B, 40MHz BW, Low Channel, Ch 149/153 - 5755 MHz, 802.11(n) MCS0						
				OBW Within Band	Band Edge (MHz)	Result
				Yes	5725	Pass

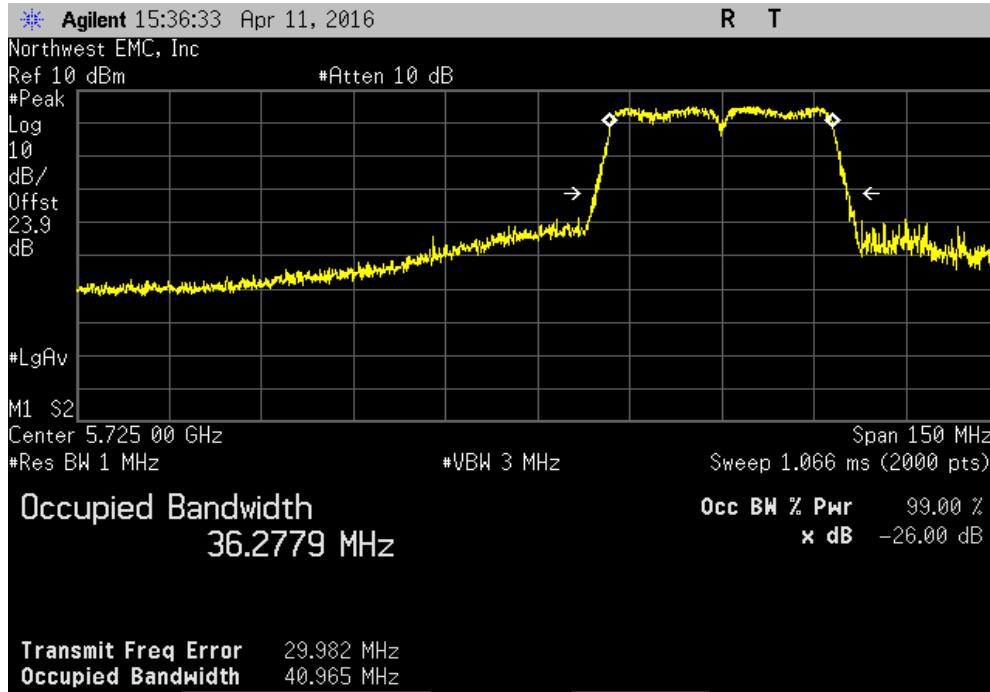


SISO, Chain B, 40MHz BW, Low Channel, Ch 149/153 - 5755 MHz, 802.11(n) MCS7						
				OBW Within Band	Band Edge (MHz)	Result
				Yes	5725	Pass

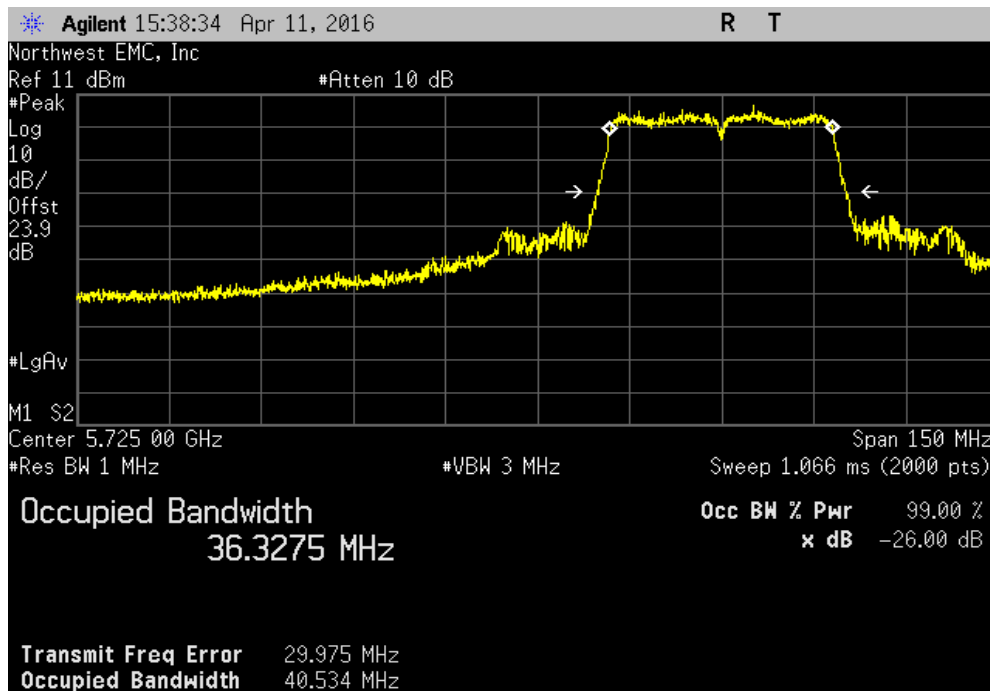


# BAND EDGE

SISO, Chain B, 40MHz BW, Low Channel, Ch 149/153 - 5755 MHz, 802.11(ac) MCS0						
				OBW Within Band	Band Edge (MHz)	Result
				Yes	5725	Pass

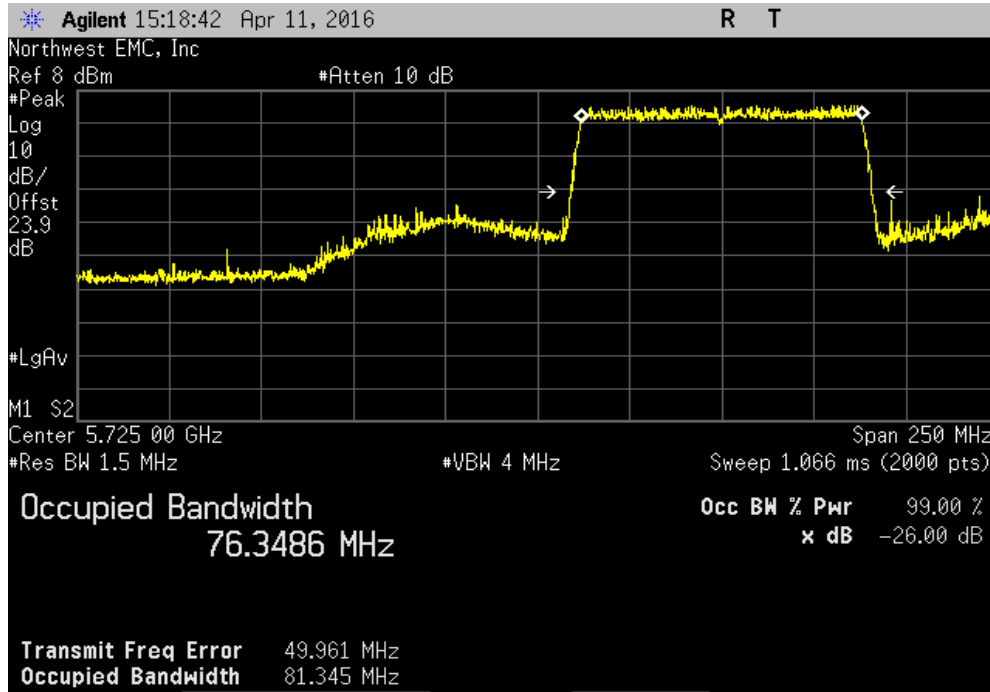


SISO, Chain B, 40MHz BW, Low Channel, Ch 149/153 - 5755 MHz, 802.11(ac) MCS9						
				OBW Within Band	Band Edge (MHz)	Result
				Yes	5725	Pass

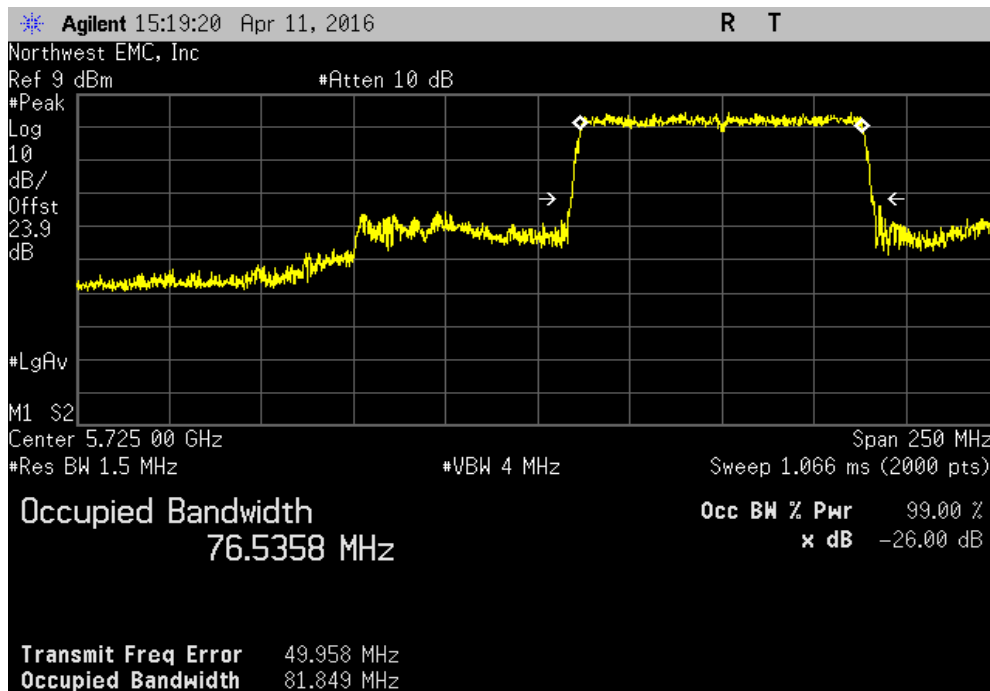


# BAND EDGE

SISO, Chain B, 80MHz BW, Mid Channel, Ch 149/161 - 5775 MHz, 802.11(ac) MCS0						
				OBW Within Band	Band Edge (MHz)	Result
				Yes	5725	Pass



SISO, Chain B, 80MHz BW, Mid Channel, Ch 149/161 - 5775 MHz, 802.11(ac) MCS9						
				OBW Within Band	Band Edge (MHz)	Result
				Yes	5725	Pass



# BAND EDGE

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
Attenuator	Fairview Microwave	SA4014-20	TKV	3/4/2016	12
Block - DC	Fairview Microwave	SD3379	AMJ	6/6/2015	12
Cable	ESM Cable Corp.	TTBJ-141 KMKM-72	NC5	6/6/2015	12
Generator - Signal	Agilent	N5183A	TID	11/26/2014	36

## TEST DESCRIPTION


The -26 dB emission bandwidth of the carrier was measured to ensure that no part of the emission of the carrier operating in a non-DFS band was operating in a band where DFS testing is required. This test is done with the U-NII-1 band (5.2 GHz band) to ensure no portion of the carrier is contained within the U-NII-2A band and with the U-NII-3 band (5.8 GHz band) to ensure no portion of the carrier is contained in the U-NII-2C band.

The transmit frequencies and data rates listed in the datasheet were measured. 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.

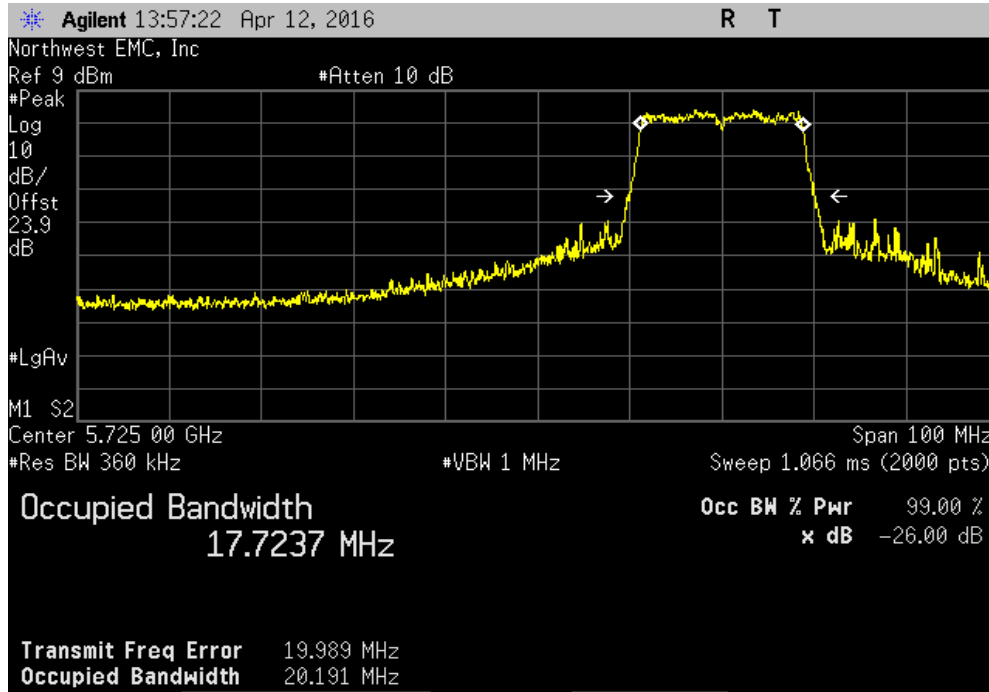


# BAND EDGE

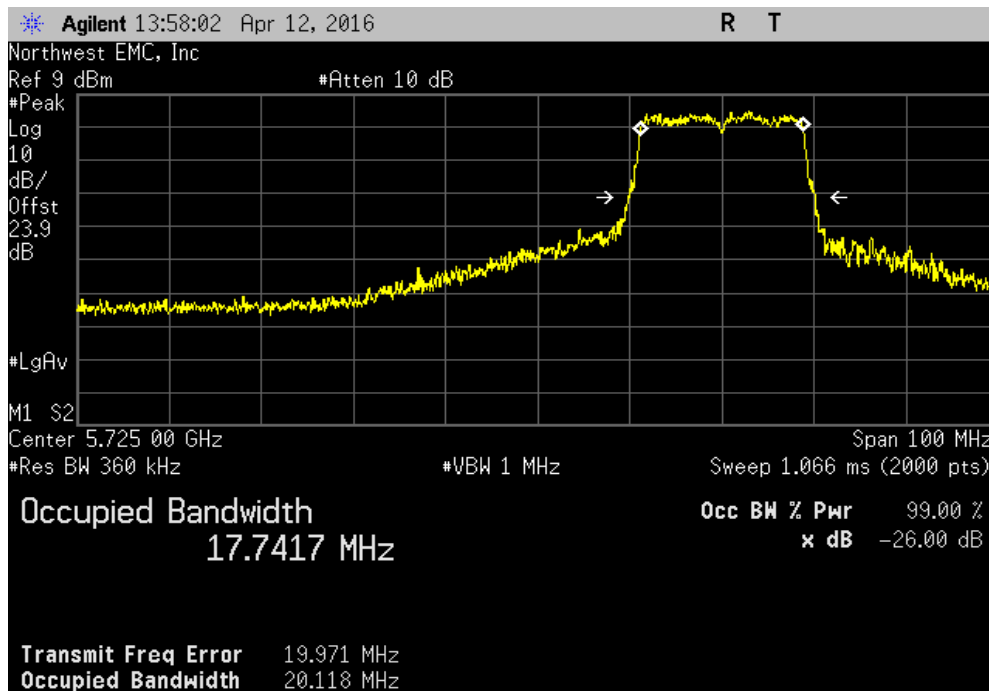
EUT: Model 1631		Work Order: MCSO1748		
Serial Number: 041152140753		Date: 04/12/16		
Customer: Microsoft Corporation		Temperature: 23°C		
Attendees: None		Humidity: 33%		
Project: None		Barometric Pres.: 1019 mbar		
Tested by: Richard Mellroth		Power: 110VAC/60Hz		
		Job Site: NC02		
TEST SPECIFICATIONS		Test Method		
FCC 15.407:2016		ANSI C63.10:2013		
COMMENTS				
Power setting at 11dBm for 20MHz and 40MHz channels. Power Setting at 10dBm for 80MHz channels. Client supplied adapter cable loss of 1.3dB included in reference level offset. Signal setting at > 95% Duty Cycle.				
DEVIATIONS FROM TEST STANDARD				
None				
Configuration #	1	Signature 		
		OBW Within Band	Band Edge (MHz)	Result
2x2 MIMO, Chain A				
20MHz BW				
Low Channel, Ch 149 - 5745 MHz				
	802.11(n) MCS8	Yes	5725	Pass
	802.11(n) MCS15	Yes	5725	Pass
	802.11(ac) MCS0	Yes	5725	Pass
	802.11(ac) MCS8	Yes	5725	Pass
40MHz BW				
Low Channel, Ch 149/153 - 5755 MHz				
	802.11(n) MCS8	Yes	5725	Pass
	802.11(n) MCS15	Yes	5725	Pass
	802.11(ac) MCS0	Yes	5725	Pass
	802.11(ac) MCS9	Yes	5725	Pass
80MHz BW				
Mid Channel, Ch 149/161 - 5775 MHz				
	802.11(ac) MCS0	Yes	5725	Pass
	802.11(ac) MCS9	Yes	5725	Pass
2x2 MIMO, Chain B				
20MHz BW				
Low Channel, Ch 149 - 5745 MHz				
	802.11(n) MCS8	Yes	5725	Pass
	802.11(n) MCS15	Yes	5725	Pass
	802.11(ac) MCS0	Yes	5725	Pass
	802.11(ac) MCS8	Yes	5725	Pass
40MHz BW				
Low Channel, Ch 149/153 - 5755 MHz				
	802.11(n) MCS8	Yes	5725	Pass
	802.11(n) MCS15	Yes	5725	Pass
	802.11(ac) MCS0	Yes	5725	Pass
	802.11(ac) MCS9	Yes	5725	Pass
80MHz BW				
Mid Channel, Ch 149/161 - 5775 MHz				
	802.11(ac) MCS0	Yes	5725	Pass
	802.11(ac) MCS9	Yes	5725	Pass

# BAND EDGE

2x2 MIMO, Chain A, 20MHz BW, Low Channel, Ch 149 - 5745 MHz, 802.11(n) MCS8						
			OBW	Band Edge		
			Within Band	(MHz)	Result	
			Yes	5725	Pass	

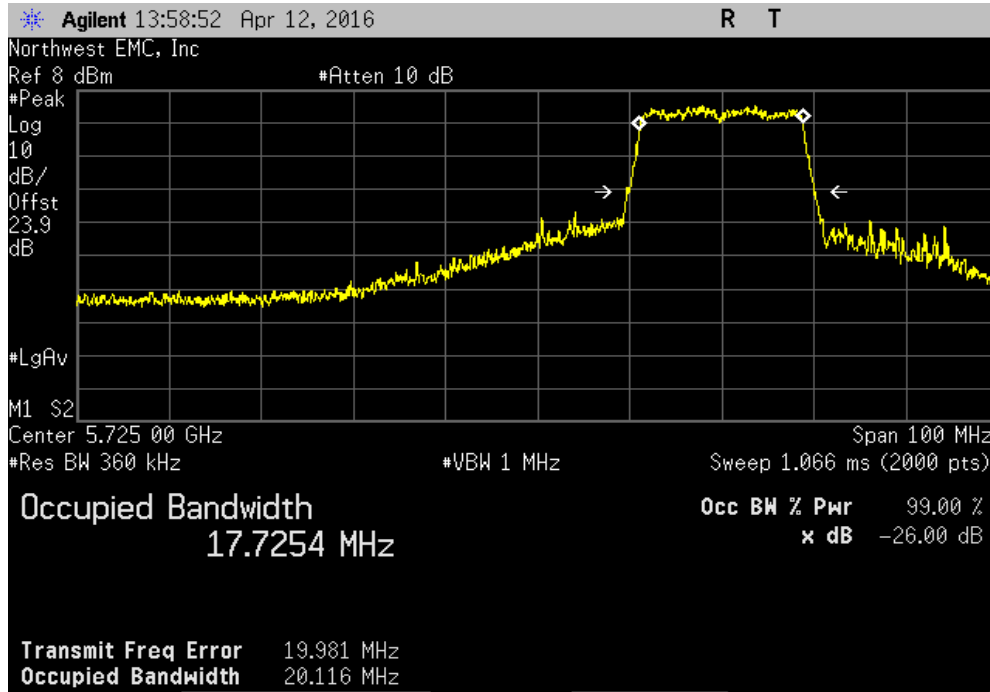


2x2 MIMO, Chain A, 20MHz BW, Low Channel, Ch 149 - 5745 MHz, 802.11(n) MCS15						
			OBW	Band Edge		
			Within Band	(MHz)	Result	
			Yes	5725	Pass	

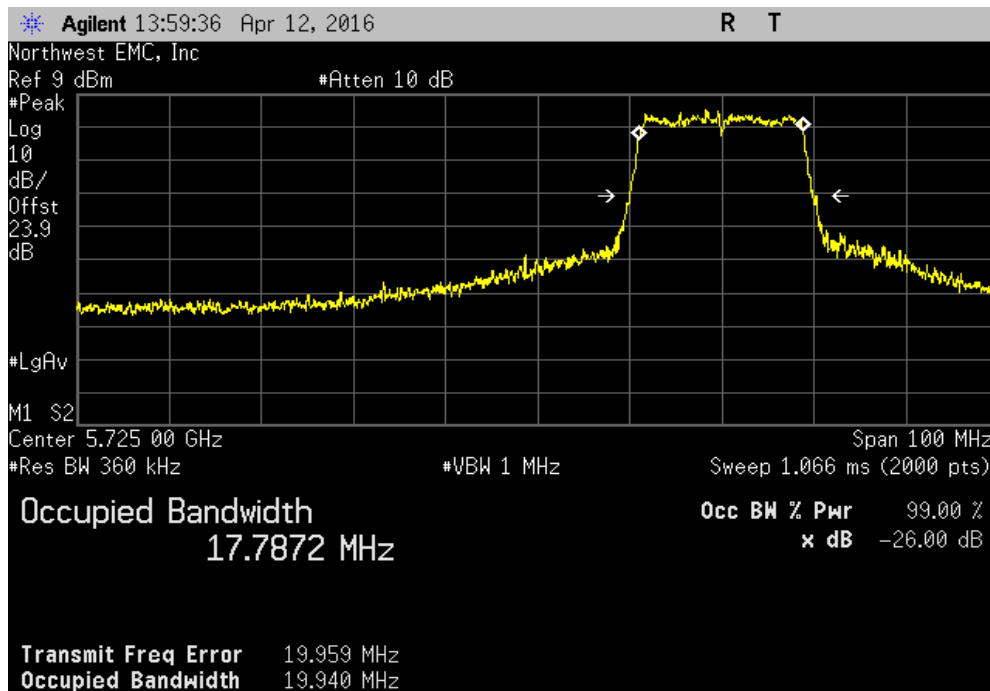


# BAND EDGE

2x2 MIMO, Chain A, 20MHz BW, Low Channel, Ch 149 - 5745 MHz, 802.11(ac) MCS0						
		OBW	Band Edge			
		Within Band	(MHz)	Result		
		Yes	5725	Pass		

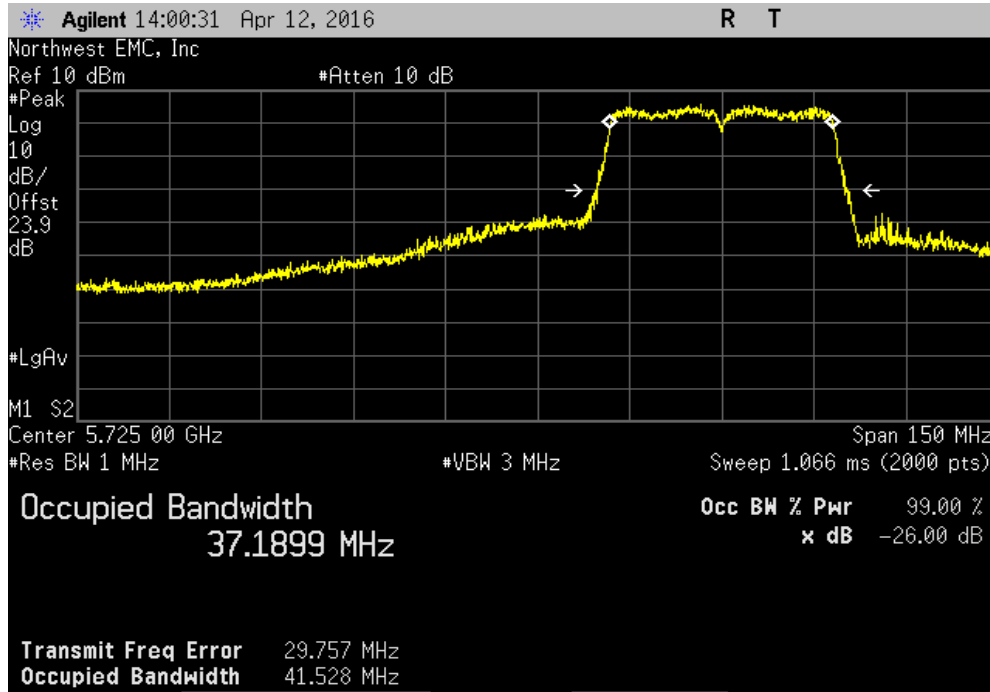


2x2 MIMO, Chain A, 20MHz BW, Low Channel, Ch 149 - 5745 MHz, 802.11(ac) MCS8						
		OBW	Band Edge			
		Within Band	(MHz)	Result		
		Yes	5725	Pass		

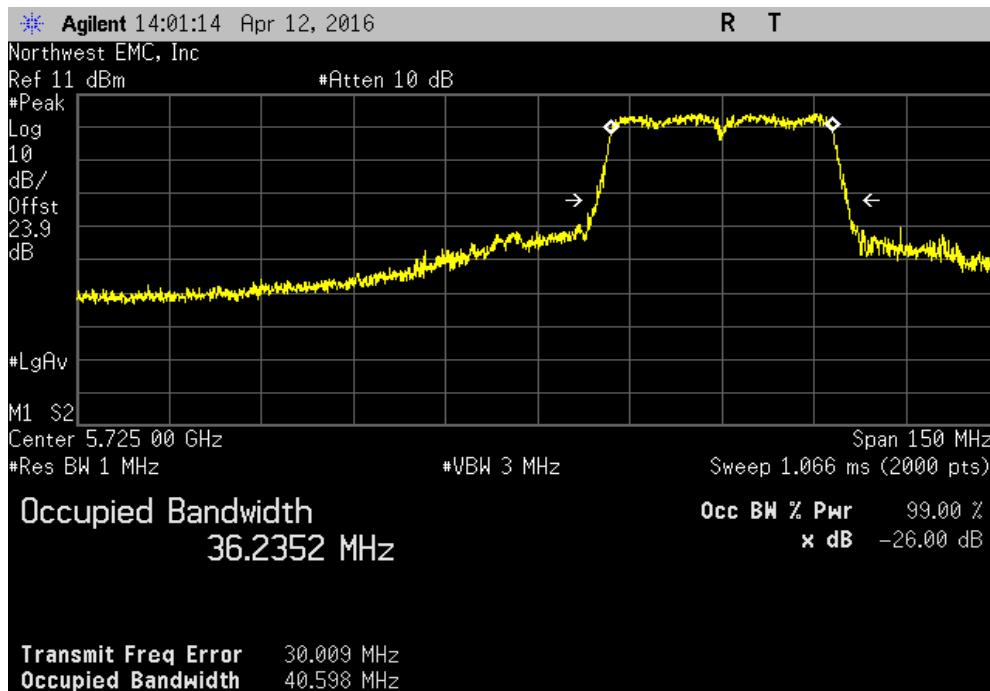


# BAND EDGE

2x2 MIMO, Chain A, 40MHz BW, Low Channel, Ch 149/153 - 5755 MHz, 802.11(n) MCS8						
		OBW	Band Edge			
		Within Band	(MHz)	Result		
		Yes	5725	Pass		

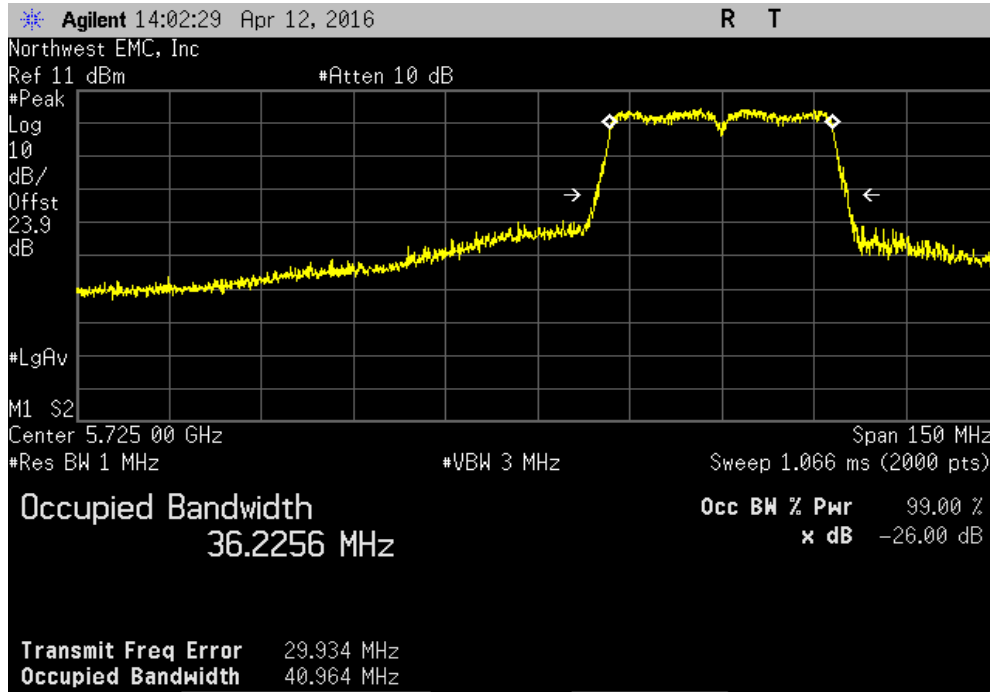


2x2 MIMO, Chain A, 40MHz BW, Low Channel, Ch 149/153 - 5755 MHz, 802.11(n) MCS15						
		OBW	Band Edge			
		Within Band	(MHz)	Result		
		Yes	5725	Pass		

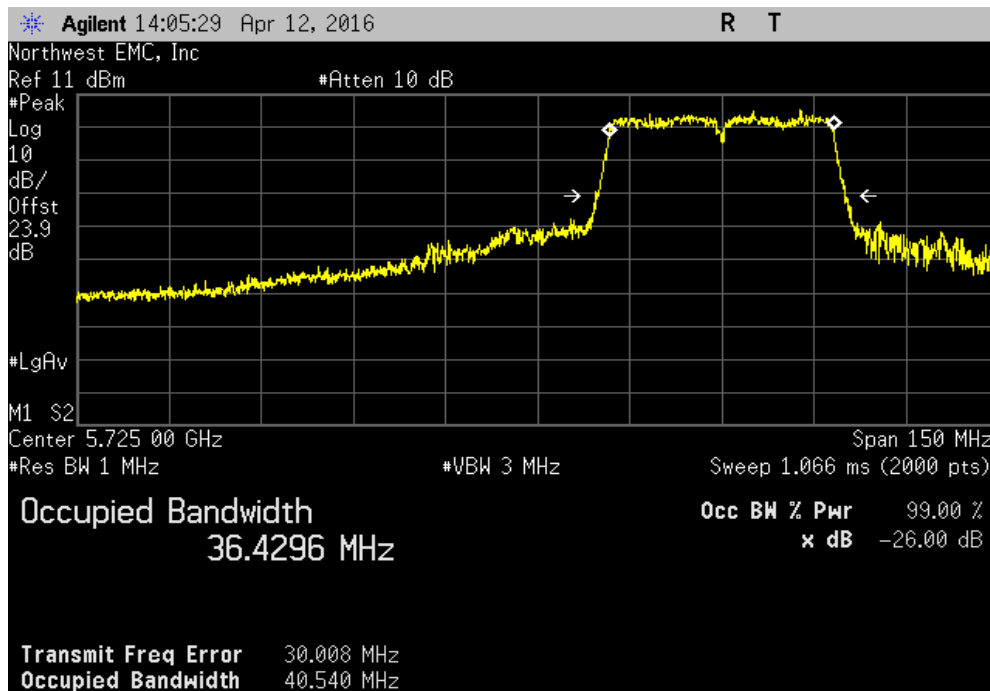


# BAND EDGE

2x2 MIMO, Chain A, 40MHz BW, Low Channel, Ch 149/153 - 5755 MHz, 802.11(ac) MCS0						
				OBW Within Band	Band Edge (MHz)	Result
				Yes	5725	Pass

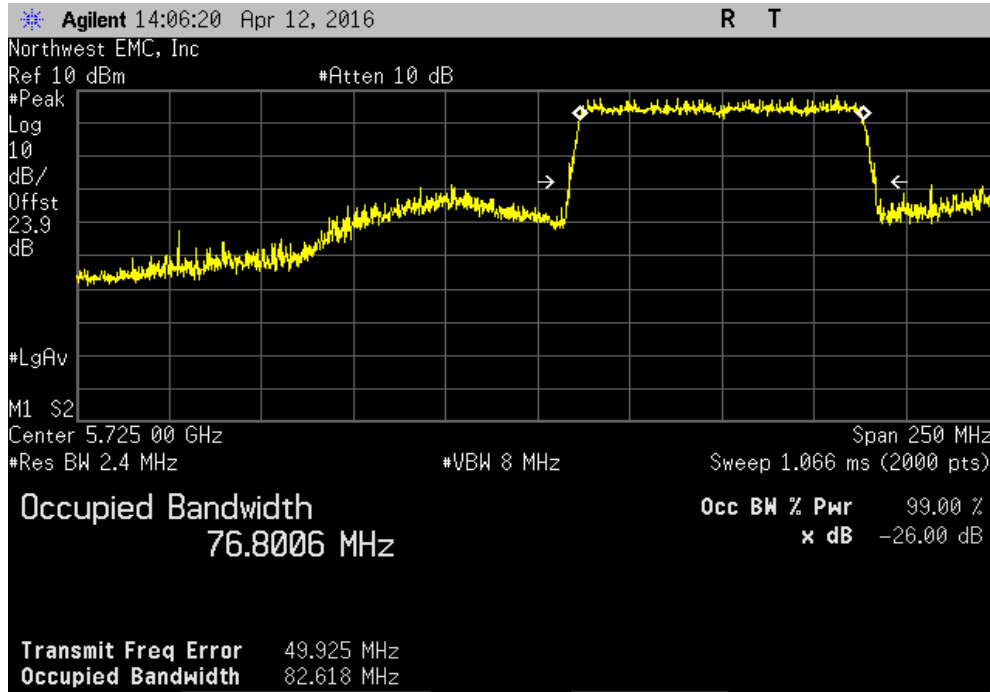


2x2 MIMO, Chain A, 40MHz BW, Low Channel, Ch 149/153 - 5755 MHz, 802.11(ac) MCS9						
				OBW Within Band	Band Edge (MHz)	Result
				Yes	5725	Pass

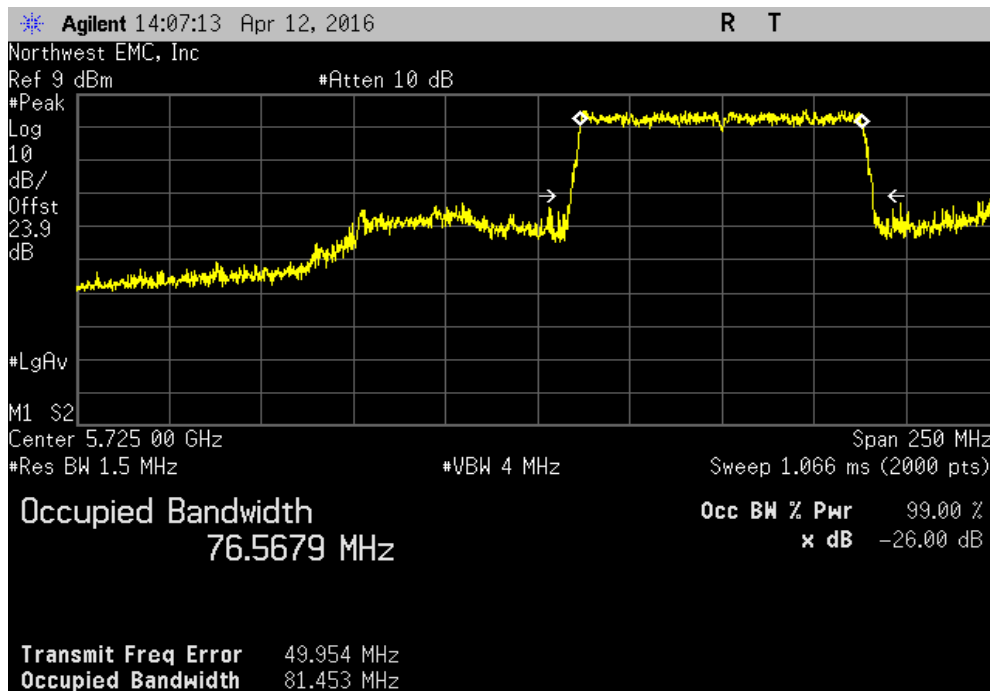


# BAND EDGE

2x2 MIMO, Chain A, 80MHz BW, Mid Channel, Ch 149/161 - 5775 MHz, 802.11(ac) MCS0						
				OBW Within Band	Band Edge (MHz)	Result
				Yes	5725	Pass

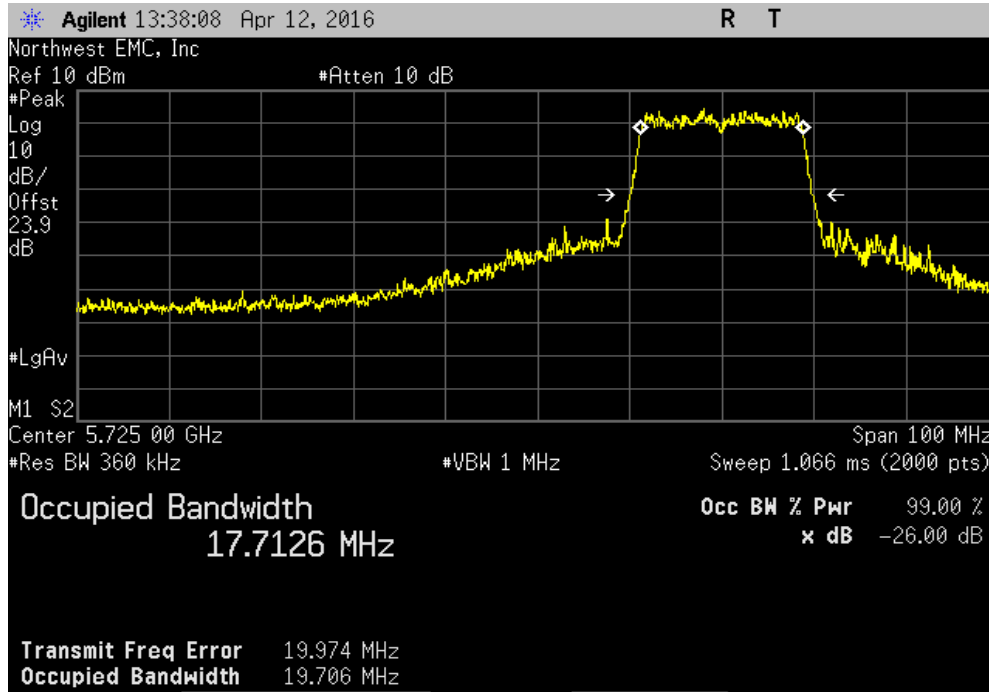


2x2 MIMO, Chain A, 80MHz BW, Mid Channel, Ch 149/161 - 5775 MHz, 802.11(ac) MCS9						
				OBW Within Band	Band Edge (MHz)	Result
				Yes	5725	Pass

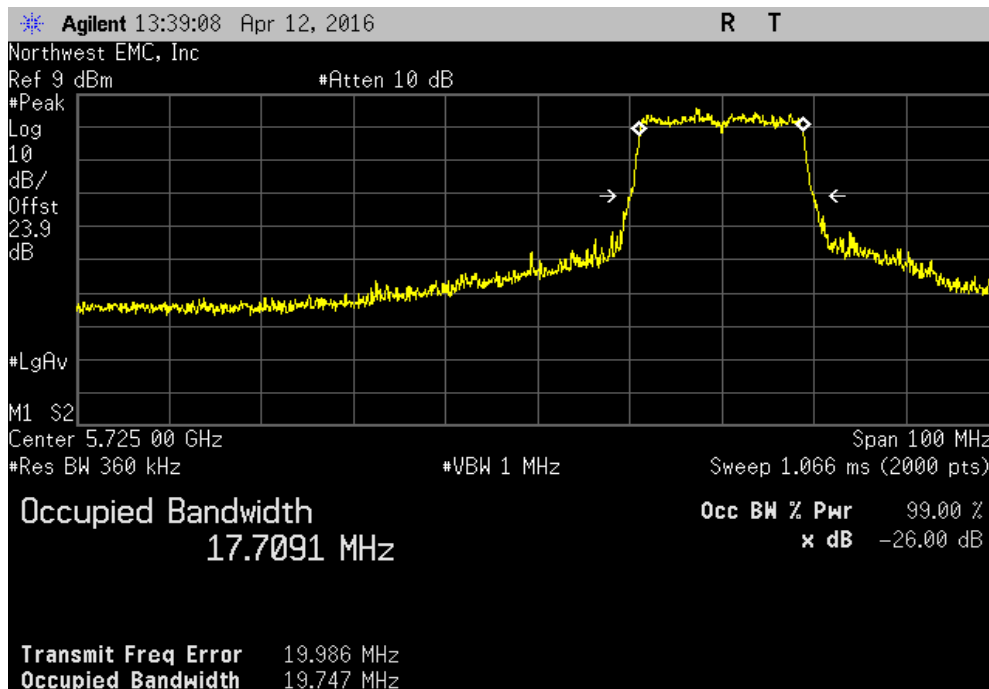


# BAND EDGE

2x2 MIMO, Chain B, 20MHz BW, Low Channel, Ch 149 - 5745 MHz, 802.11(n) MCS8						
				OBW Within Band	Band Edge (MHz)	Result
				Yes	5725	Pass

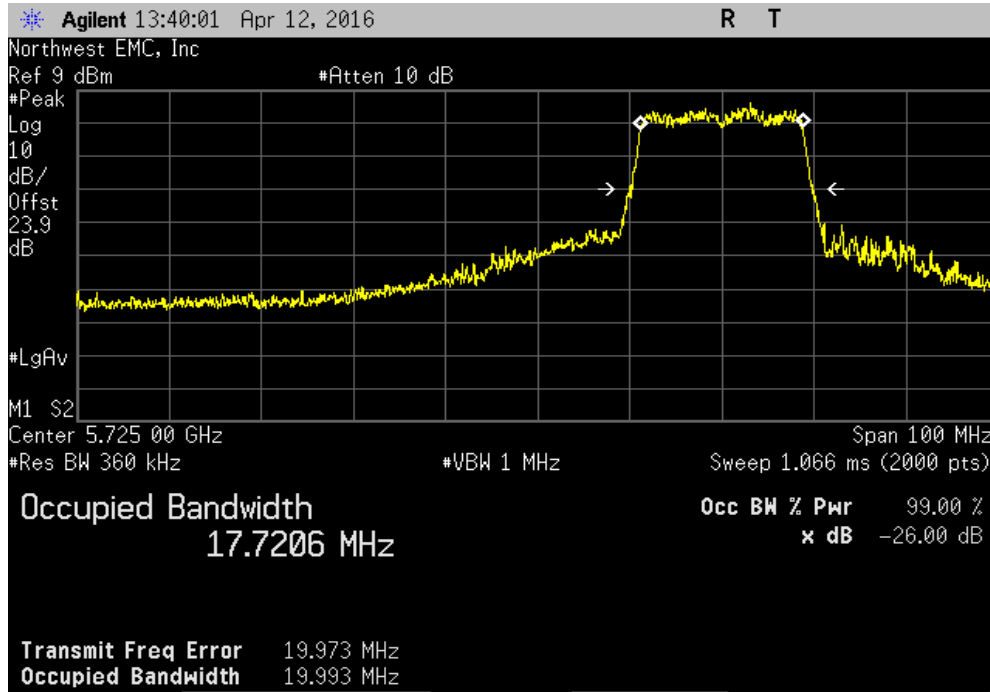


2x2 MIMO, Chain B, 20MHz BW, Low Channel, Ch 149 - 5745 MHz, 802.11(n) MCS15						
				OBW Within Band	Band Edge (MHz)	Result
				Yes	5725	Pass

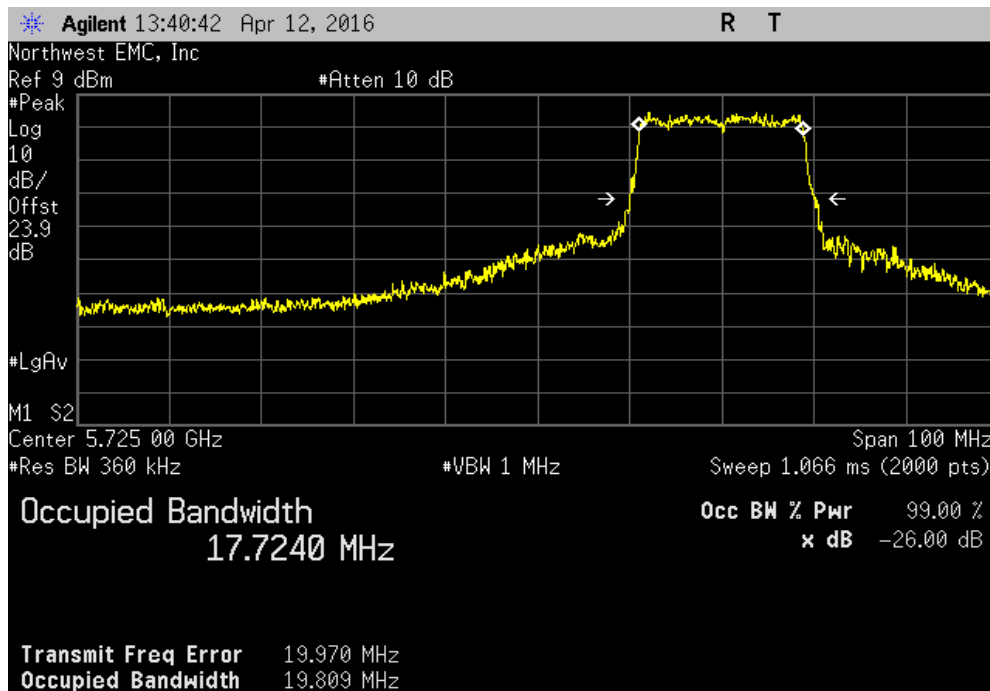


# BAND EDGE

2x2 MIMO, Chain B, 20MHz BW, Low Channel, Ch 149 - 5745 MHz, 802.11(ac) MCS0						
		OBW	Band Edge			
		Within Band	(MHz)	Result		
		Yes	5725	Pass		



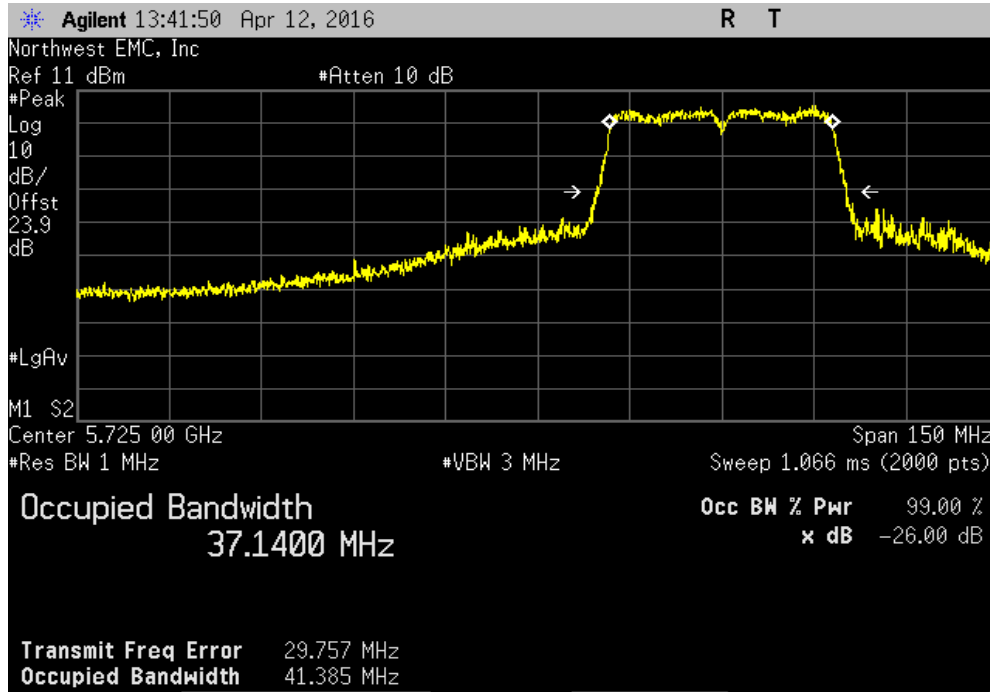
2x2 MIMO, Chain B, 20MHz BW, Low Channel, Ch 149 - 5745 MHz, 802.11(ac) MCS8						
		OBW	Band Edge			
		Within Band	(MHz)	Result		
		Yes	5725	Pass		



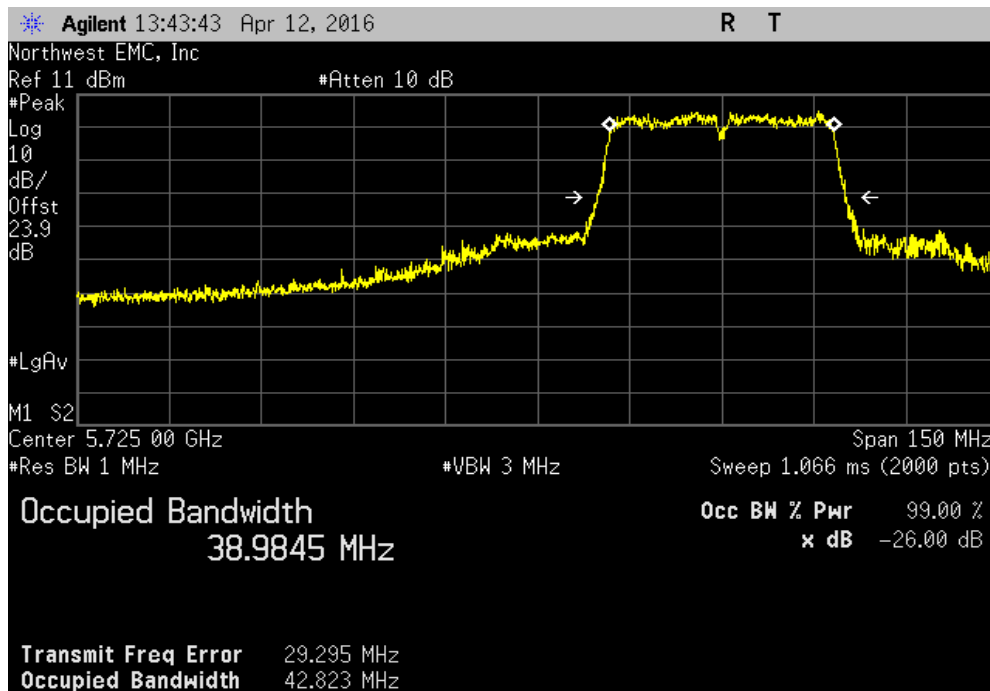


# BAND EDGE

2x2 MIMO, Chain B, 40MHz BW, Low Channel, Ch 149/153 - 5755 MHz, 802.11(n) MCS8						
			OBW	Band Edge		
			Within Band	(MHz)	Result	
			Yes	5725	Pass	

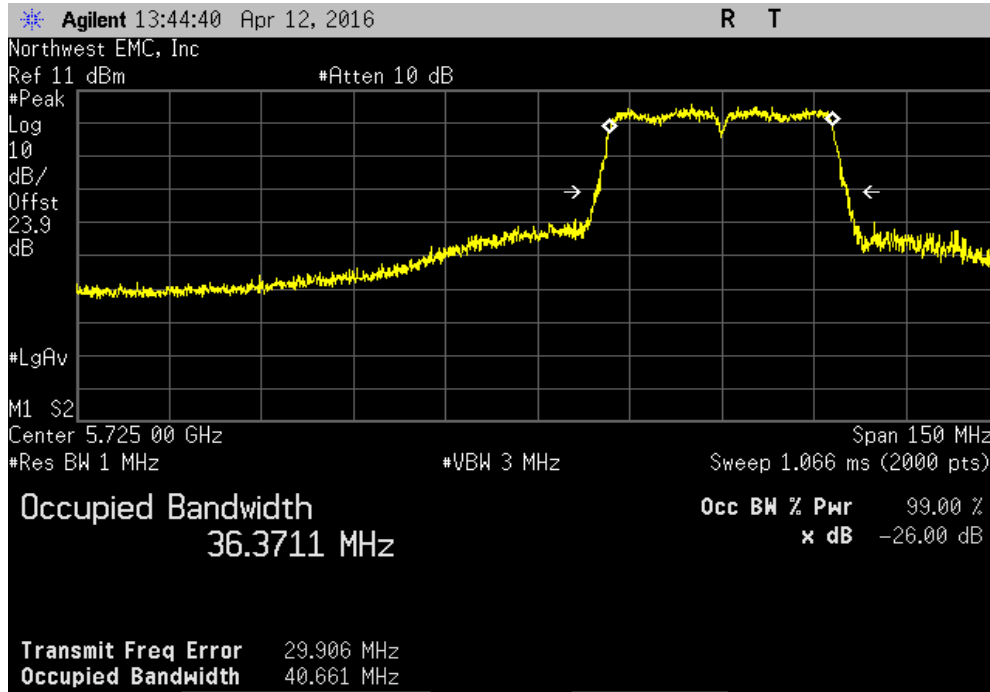


2x2 MIMO, Chain B, 40MHz BW, Low Channel, Ch 149/153 - 5755 MHz, 802.11(n) MCS15						
			OBW	Band Edge		
			Within Band	(MHz)	Result	
			Yes	5725	Pass	

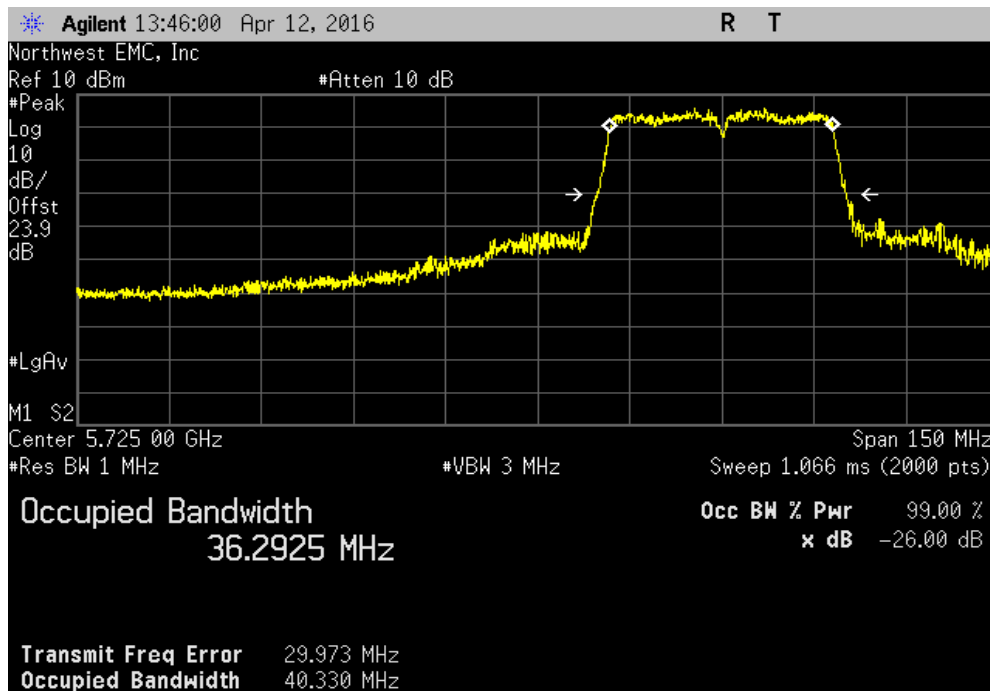


# BAND EDGE

2x2 MIMO, Chain B, 40MHz BW, Low Channel, Ch 149/153 - 5755 MHz, 802.11(ac) MCS0						
			OBW	Band Edge		
			Within Band	(MHz)	Result	
			Yes	5725	Pass	

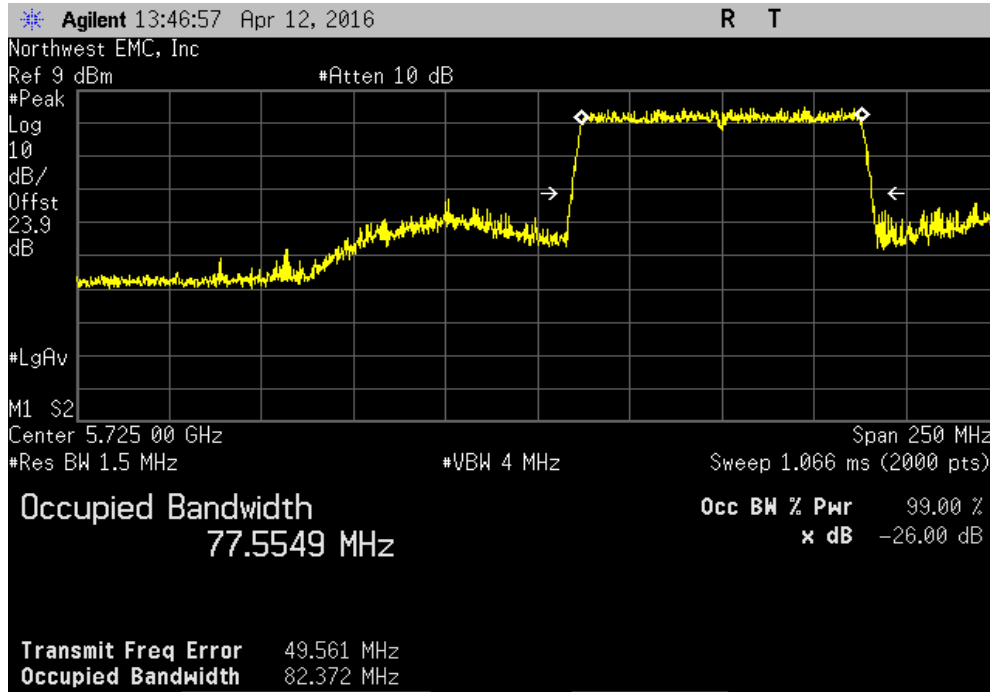


2x2 MIMO, Chain B, 40MHz BW, Low Channel, Ch 149/153 - 5755 MHz, 802.11(ac) MCS9						
			OBW	Band Edge		
			Within Band	(MHz)	Result	
			Yes	5725	Pass	

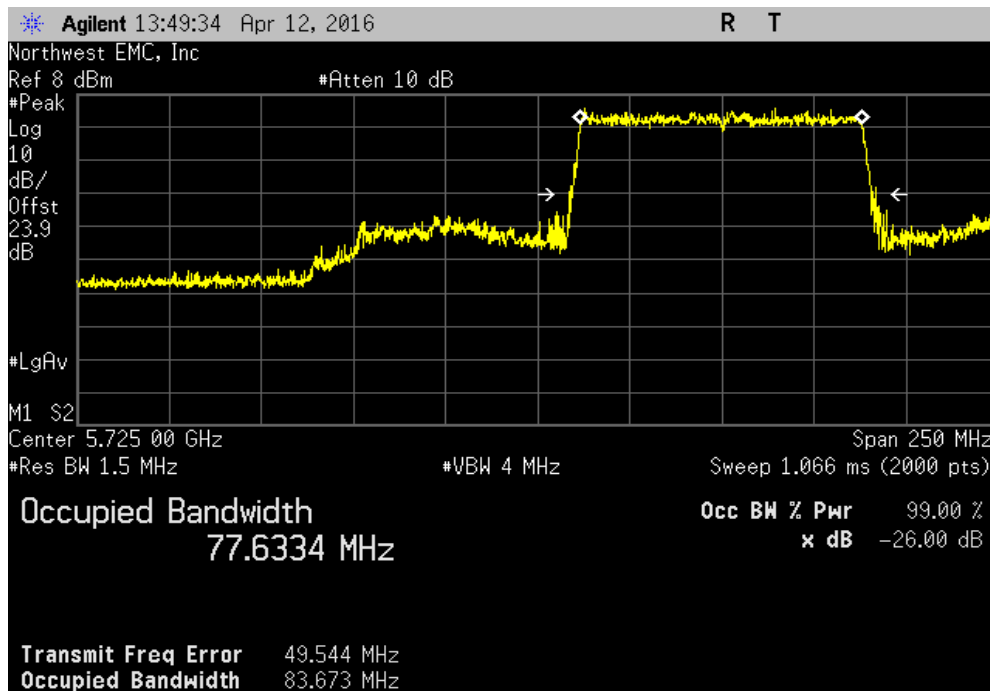


# BAND EDGE

2x2 MIMO, Chain B, 80MHz BW, Mid Channel, Ch 149/161 - 5775 MHz, 802.11(ac) MCS0						
				OBW Within Band	Band Edge (MHz)	Result
				Yes	5725	Pass



2x2 MIMO, Chain B, 80MHz BW, Mid Channel, Ch 149/161 - 5775 MHz, 802.11(ac) MCS9						
				OBW Within Band	Band Edge (MHz)	Result
				Yes	5725	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
Attenuator	Fairview Microwave	SA4014-20	TKV	3/4/2016	12
Block - DC	Fairview Microwave	SD3379	AMJ	6/6/2015	12
Cable	ESM Cable Corp.	TTBJ-141 KMKM-72	NC5	6/6/2015	12
Generator - Signal	Agilent	N5183A	TID	11/26/2014	36

## 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).

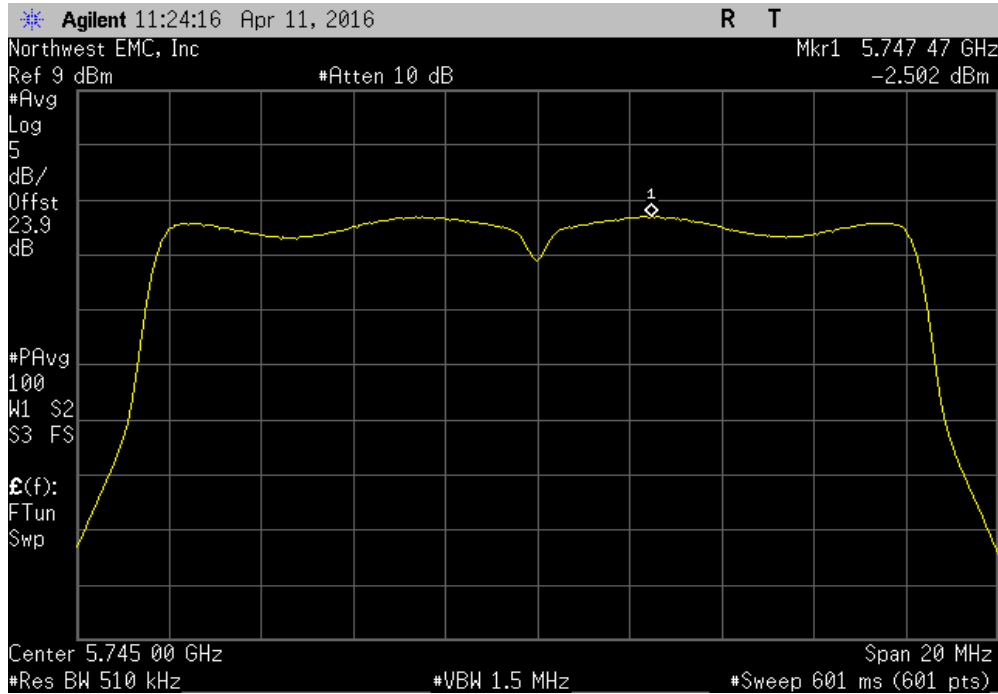
A duty cycle correction factor was added to the measurement using the results of the formula of  $10 \cdot \text{LOG}(1/D)$  where D is the

# MAXIMUM POWER SPECTRAL DENSITY

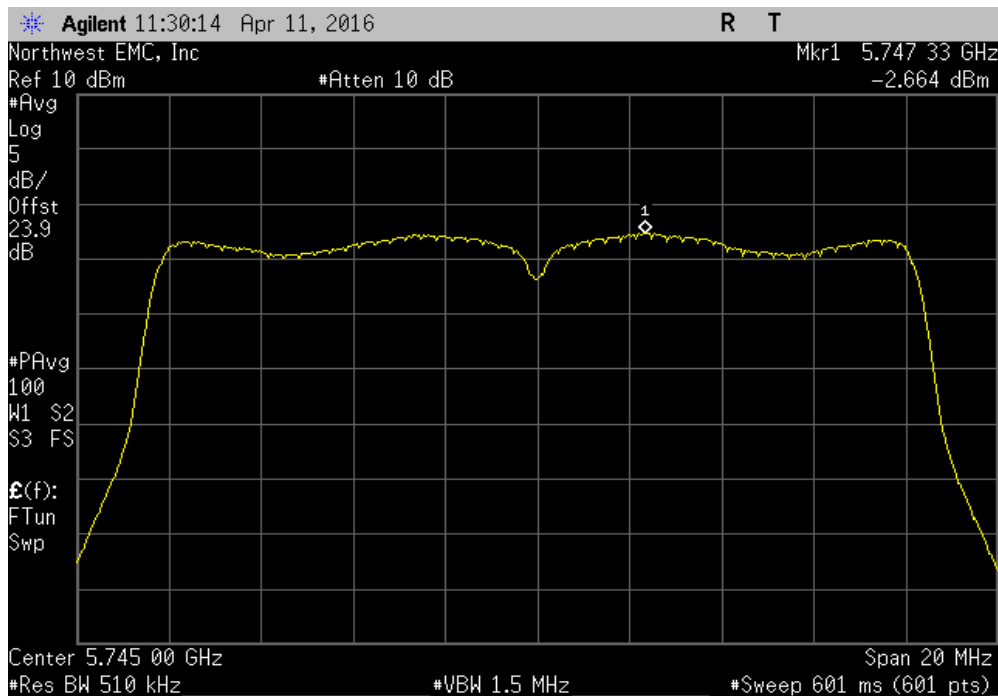
EUT: Model 1631		Work Order: MCSO1748	
Serial Number: 041152140753		Date: 04/12/16	
Customer: Microsoft Corporation		Temperature: 23°C	
Attendees: None		Humidity: 33%	
Project: None		Barometric Pres.: 1019 mbar	
Tested by: Richard Mellroth		Power: 110VAC/60Hz	
		Job Site: NC02	
TEST SPECIFICATIONS		Test Method	
FCC 15.407:2016		ANSI C63.10:2013	
COMMENTS			
Power setting at 11dBm for 20MHz and 40MHz channels. Power Setting at 10dBm for 80MHz channels. Client supplied adapter cable loss of 1.3dB included in reference level offset. Signal setting at > 95% Duty Cycle.			
DEVIATIONS FROM TEST STANDARD			
None			
Configuration #	1	Signature <i>Rust</i>	
		Power (dBm/Ref BW)	Duty Cycle Factor (dB)
		Density (dBm/Ref BW)	Limit ≤ (dBm / Ref BW)
			Results
SISO, Chain A			
20MHz BW			
Low Channel, Ch 149 - 5745 MHz			
	802.11(a) 6 Mbps	-2.502	0
	802.11(a) 36 Mbps	-2.664	0.3
	802.11(a) 54 Mbps	-2.77	0.4
	802.11(n) MCS0	-2.671	0
	802.11(n) MCS7	-3.084	0.4
	802.11(ac) MCS0	-2.737	0
	802.11(ac) MCS8	-2.88	0.4
	802.11(a) 6 Mbps	-2.455	0
	802.11(a) 36 Mbps	-2.545	0.3
	802.11(a) 54 Mbps	-2.632	0.4
	802.11(n) MCS0	-2.632	0
	802.11(n) MCS7	-2.914	0.4
	802.11(ac) MCS0	-2.587	0
	802.11(ac) MCS8	-2.703	0.4
	802.11(a) 6 Mbps	-2.338	0
	802.11(a) 36 Mbps	-2.618	0.3
	802.11(a) 54 Mbps	-2.606	0.4
	802.11(n) MCS0	-2.661	0
	802.11(n) MCS7	-2.718	0.4
	802.11(ac) MCS0	-2.633	0
	802.11(ac) MCS8	-2.672	0.4
40MHz BW			
Low Channel, Ch 149/153 - 5755 MHz			
	802.11(n) MCS0	-6.021	0.2
	802.11(n) MCS7	-5.997	1.5
	802.11(ac) MCS0	-5.947	0.2
	802.11(ac) MCS9	-5.88	1.6
High Channel, Ch 157/161 - 5795 MHz			
	802.11(n) MCS0	-5.898	0.2
	802.11(n) MCS7	-6.111	1.5
	802.11(ac) MCS0	-5.913	0.2
	802.11(ac) MCS9	-5.972	1.6
80MHz BW			
Mid Channel, Ch 149/161 - 5775 MHz			
	802.11(ac) MCS0	-11.041	0.3
	802.11(ac) MCS9	-10.952	1.8
SISO, Chain B			
20MHz BW			
Low Channel, Ch 149 - 5745 MHz			
	802.11(a) 6 Mbps	-2.858	0
	802.11(a) 36 Mbps	-2.547	0.3
	802.11(a) 54 Mbps	-2.9	0.4
	802.11(n) MCS0	-3.032	0
	802.11(n) MCS7	-3.097	0.4
	802.11(ac) MCS0	-2.956	0
	802.11(ac) MCS8	-3.018	0.4
	802.11(a) 6 Mbps	-2.417	0
	802.11(a) 36 Mbps	-2.785	0.3
	802.11(a) 54 Mbps	-2.773	0.4
	802.11(n) MCS0	-2.794	0
	802.11(n) MCS7	-2.912	0.4
	802.11(ac) MCS0	-2.79	0
	802.11(ac) MCS8	-2.927	0.4
	802.11(a) 6 Mbps	-2.57	0
	802.11(a) 36 Mbps	-2.716	0.3
	802.11(a) 54 Mbps	-2.794	0.4
	802.11(n) MCS0	-2.858	0
	802.11(n) MCS7	-2.945	0.4
	802.11(ac) MCS0	-2.743	0
	802.11(ac) MCS8	-2.766	0.4
40MHz BW			
Low Channel, Ch 149/153 - 5755 MHz			
	802.11(n) MCS0	-5.84	0.2
	802.11(n) MCS7	-6.31	1.5
	802.11(ac) MCS0	-5.888	0.2
	802.11(ac) MCS9	-5.786	1.6
High Channel, Ch 157/161 - 5795 MHz			
	802.11(n) MCS0	-5.836	0.2
	802.11(n) MCS7	-6.224	1.5
	802.11(ac) MCS0	-5.785	0.2
	802.11(ac) MCS9	-6.023	1.7
80MHz BW			
Mid Channel, Ch 149/161 - 5775 MHz			
	802.11(ac) MCS0	-10.331	0.2
	802.11(ac) MCS9	-10.294	1.9

# MAXIMUM POWER SPECTRAL DENSITY

SISO, Chain A, 20MHz BW, Low Channel, Ch 149 - 5745 MHz, 802.11(a) 6 Mbps						
Power (dBm/Ref BW)	Duty Cycle Factor (dB)	Density (dBm/Ref BW)	Limit (dBm / Ref BW)	Results		
-2.502	0	-2.5	30	Pass		

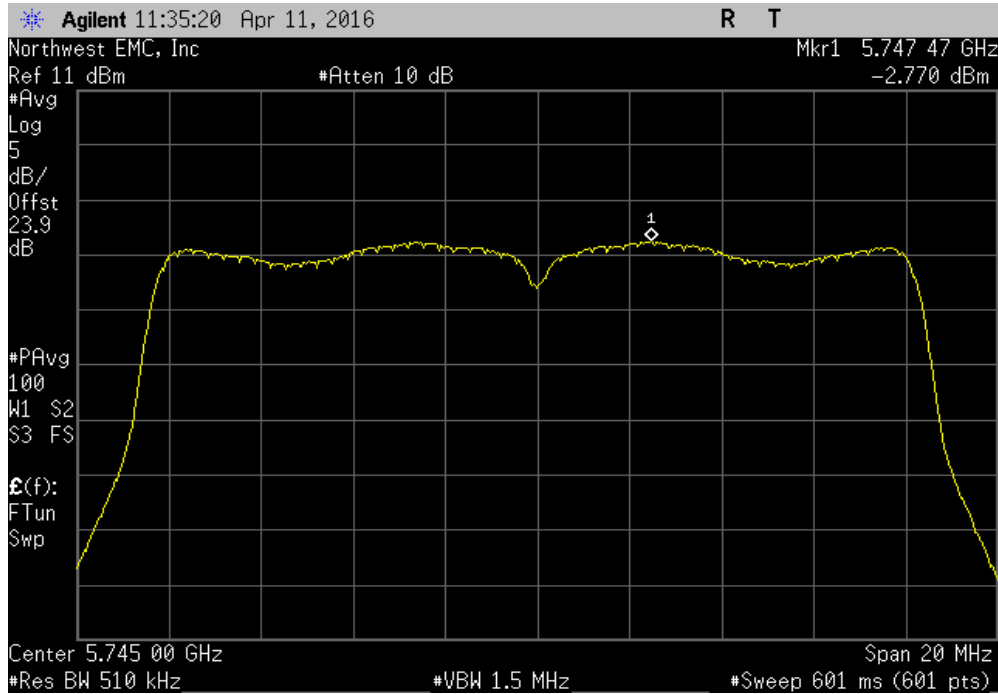


SISO, Chain A, 20MHz BW, Low Channel, Ch 149 - 5745 MHz, 802.11(a) 36 Mbps						
Power (dBm/Ref BW)	Duty Cycle Factor (dB)	Density (dBm/Ref BW)	Limit (dBm / Ref BW)	Results		
-2.664	0.3	-2.4	30	Pass		

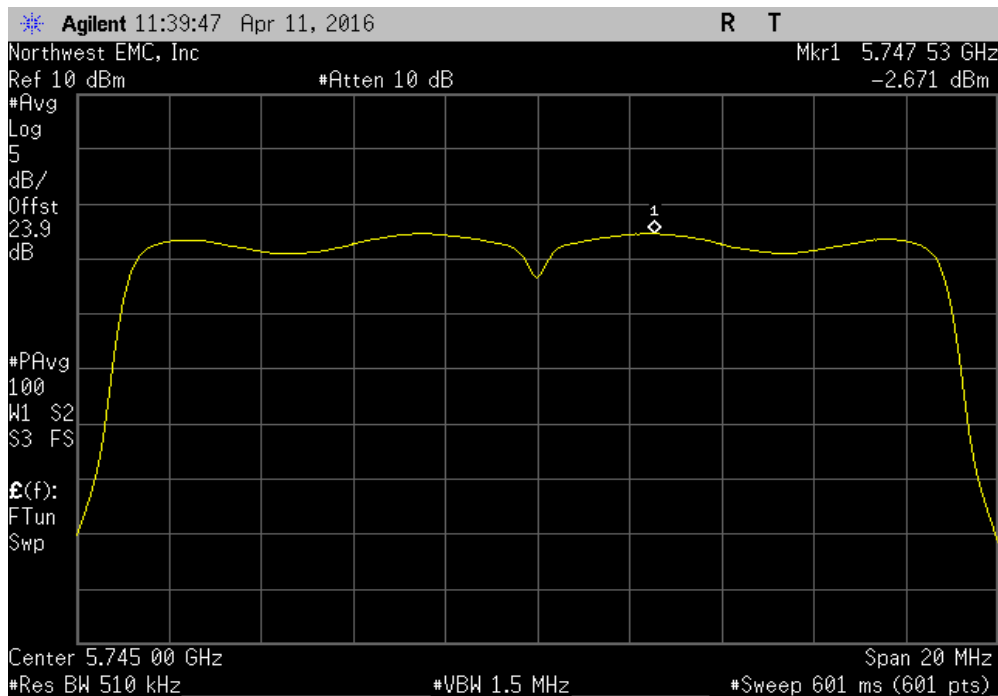


# MAXIMUM POWER SPECTRAL DENSITY

SISO, Chain A, 20MHz BW, Low Channel, Ch 149 - 5745 MHz, 802.11(a) 54 Mbps						
Power (dBm/Ref BW)	Duty Cycle Factor (dB)	Density (dBm/Ref BW)	Limit (dBm / Ref BW)	Results		
-2.77	0.4	-2.3	30	Pass		

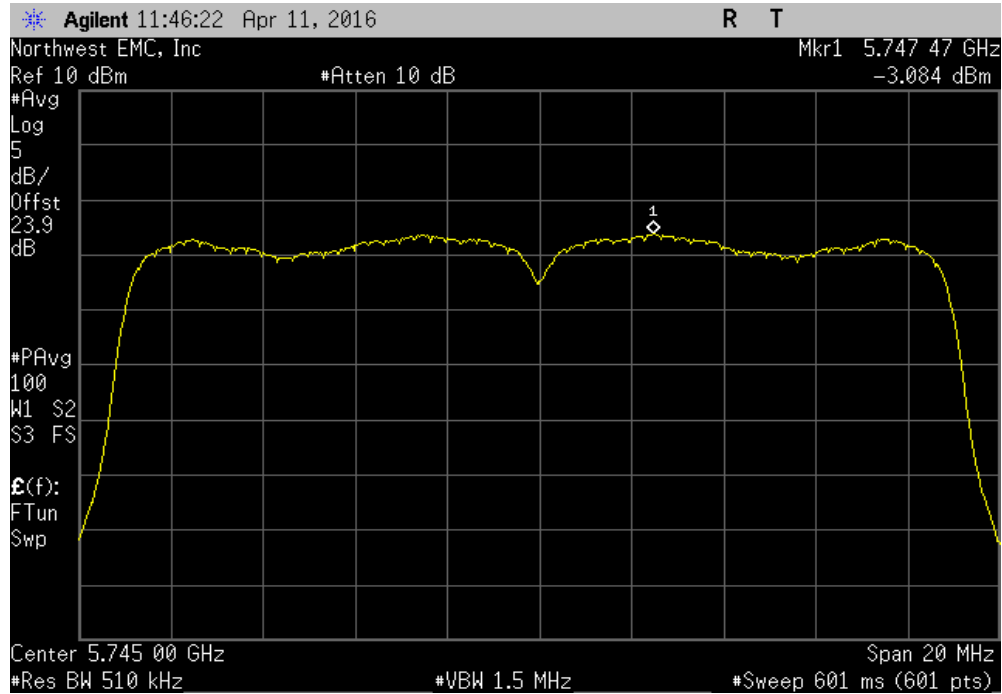


SISO, Chain A, 20MHz BW, Low Channel, Ch 149 - 5745 MHz, 802.11(n) MCS0						
Power (dBm/Ref BW)	Duty Cycle Factor (dB)	Density (dBm/Ref BW)	Limit (dBm / Ref BW)	Results		
-2.671	0	-2.6	30	Pass		

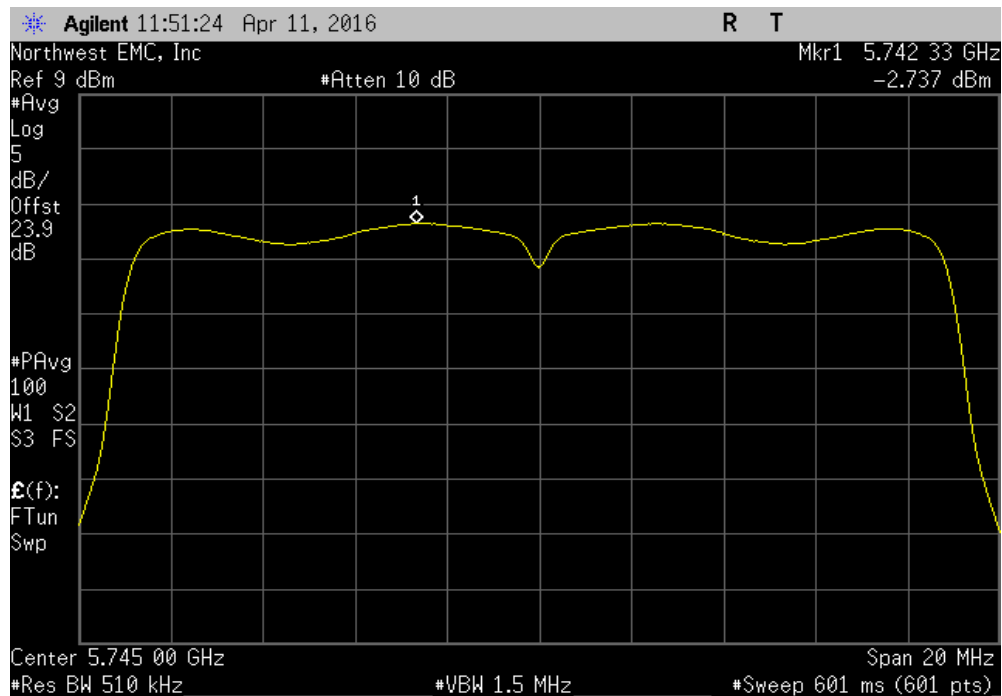


# MAXIMUM POWER SPECTRAL DENSITY

SISO, Chain A, 20MHz BW, Low Channel, Ch 149 - 5745 MHz, 802.11(n) MCS7						
Power (dBm/Ref BW)	Duty Cycle Factor (dB)	Density (dBm/Ref BW)	Limit (dBm / Ref BW)	Results		
-3.084	0.4	-2.7	30	Pass		



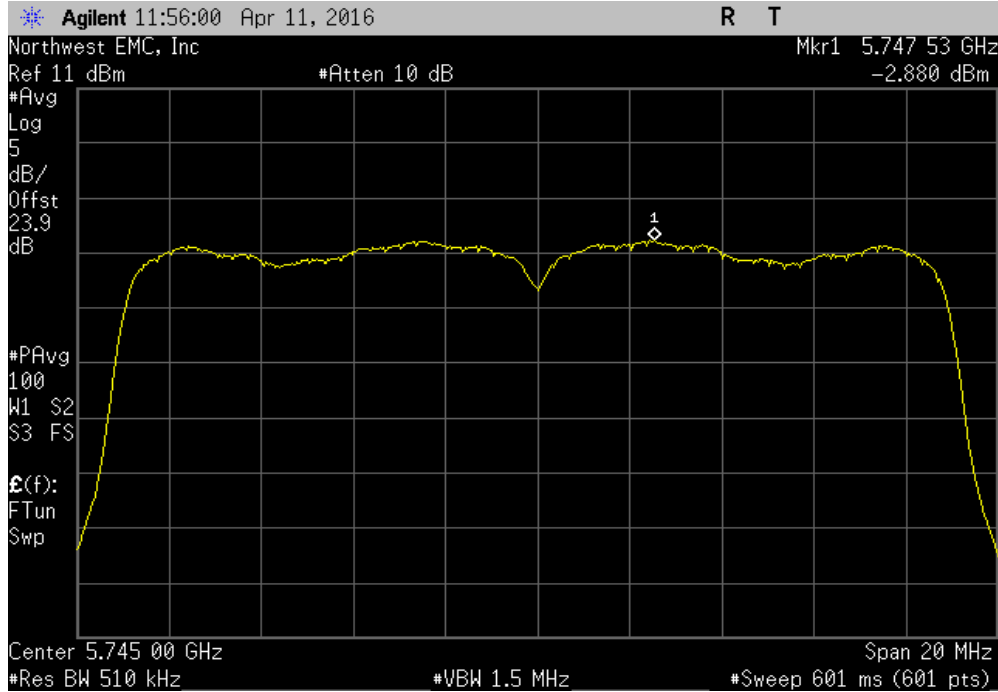
SISO, Chain A, 20MHz BW, Low Channel, Ch 149 - 5745 MHz, 802.11(ac) MCS0						
Power (dBm/Ref BW)	Duty Cycle Factor (dB)	Density (dBm/Ref BW)	Limit (dBm / Ref BW)	Results		
-2.737	0	-2.7	30	Pass		



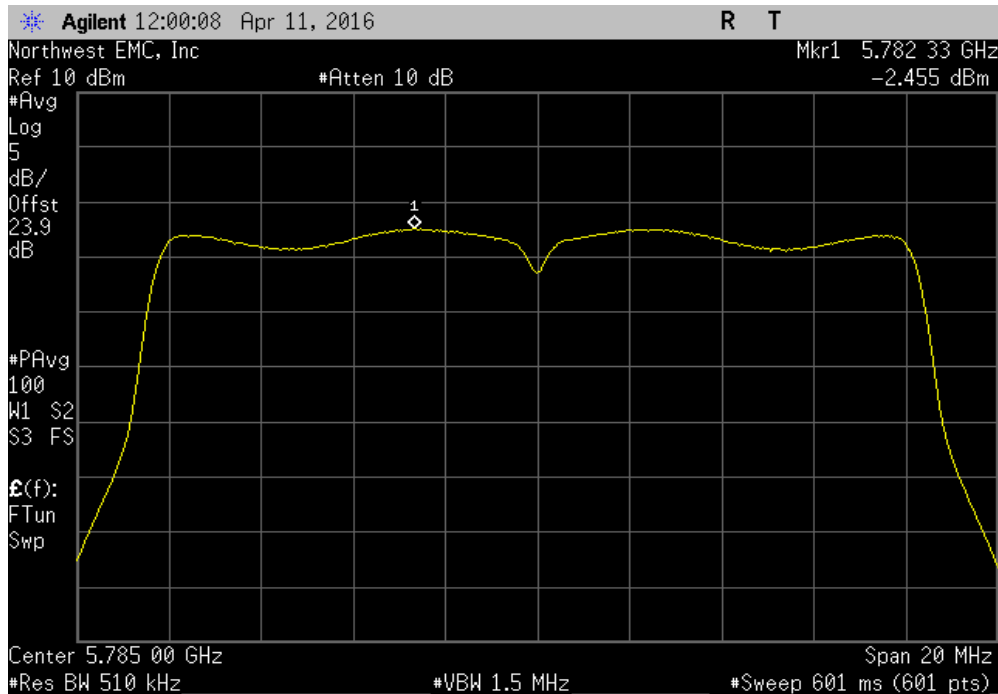


# MAXIMUM POWER SPECTRAL DENSITY

SISO, Chain A, 20MHz BW, Low Channel, Ch 149 - 5745 MHz, 802.11(ac) MCS8						
Power (dBm/Ref BW)	Duty Cycle Factor (dB)	Density (dBm/Ref BW)	Limit (dBm / Ref BW)	Results		
-2.88	0.4	-2.5	30	Pass		

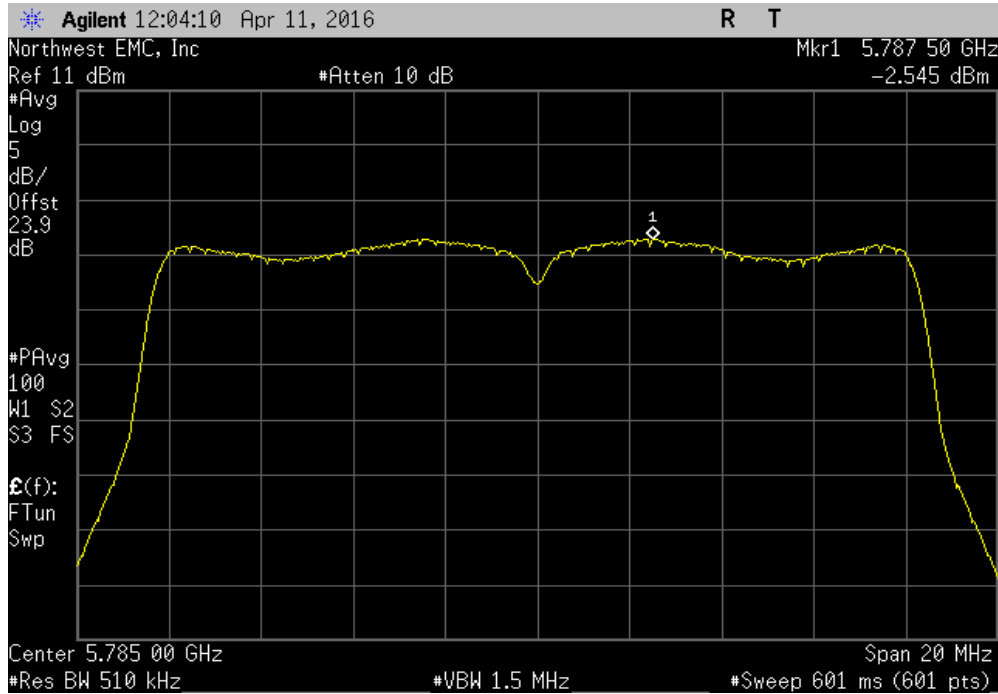


SISO, Chain A, 20MHz BW, Mid Channel, Ch 157 - 5785 MHz, 802.11(a) 6 Mbps						
Power (dBm/Ref BW)	Duty Cycle Factor (dB)	Density (dBm/Ref BW)	Limit (dBm / Ref BW)	Results		
-2.455	0	-2.4	30	Pass		

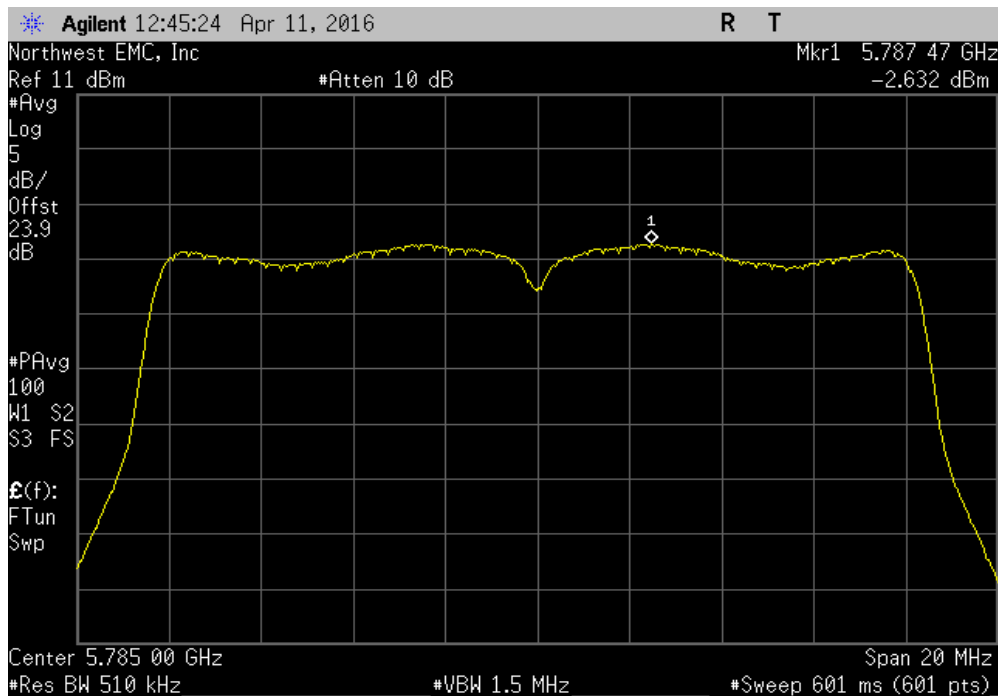


# MAXIMUM POWER SPECTRAL DENSITY

SISO, Chain A, 20MHz BW, Mid Channel, Ch 157 - 5785 MHz, 802.11(a) 36 Mbps						
Power (dBm/Ref BW)	Duty Cycle Factor (dB)	Density (dBm/Ref BW)	Limit (dBm / Ref BW)	Results		
-2.545	0.3	-2.3	30	Pass		

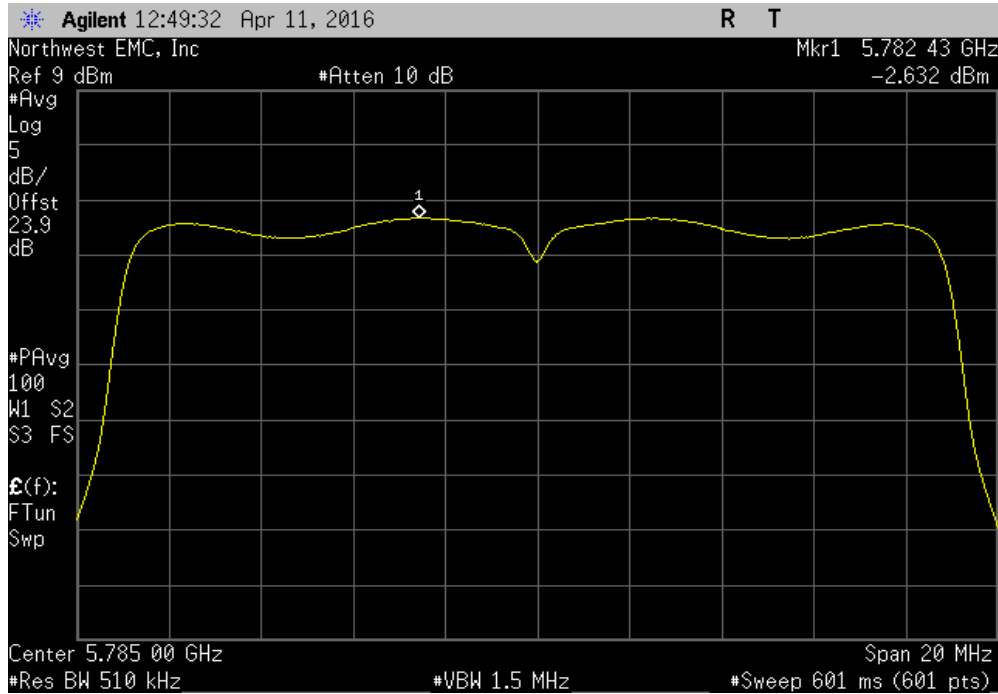


SISO, Chain A, 20MHz BW, Mid Channel, Ch 157 - 5785 MHz, 802.11(a) 54 Mbps						
Power (dBm/Ref BW)	Duty Cycle Factor (dB)	Density (dBm/Ref BW)	Limit (dBm / Ref BW)	Results		
-2.632	0.4	-2.2	30	Pass		

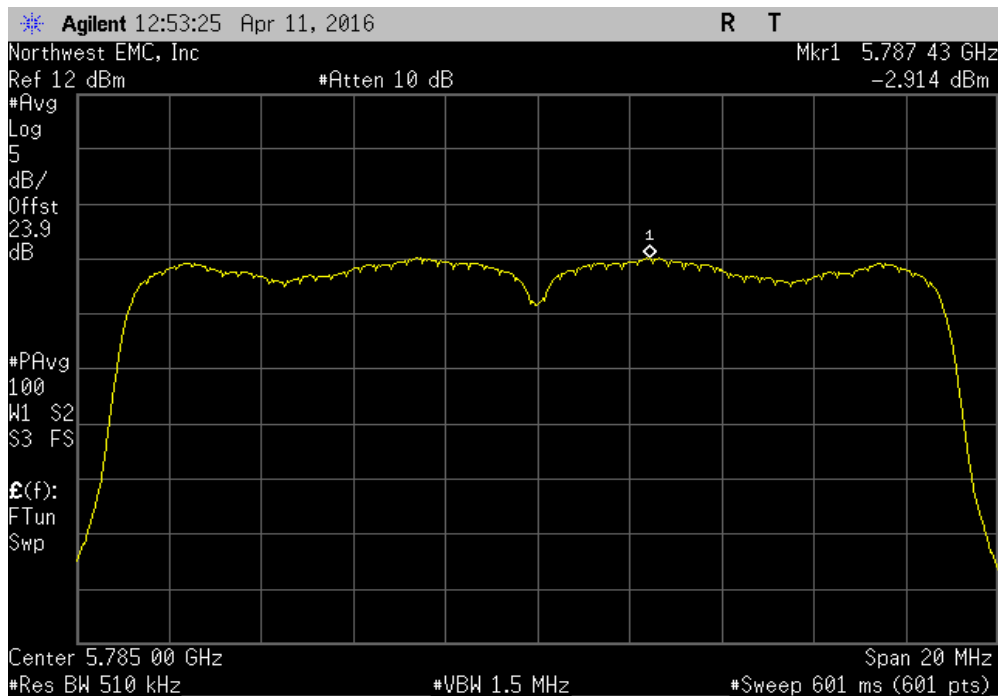


# MAXIMUM POWER SPECTRAL DENSITY

SISO, Chain A, 20MHz BW, Mid Channel, Ch 157 - 5785 MHz, 802.11(n) MCS0						
Power (dBm/Ref BW)	Duty Cycle Factor (dB)	Density (dBm/Ref BW)	Limit (dBm / Ref BW)	Results		
-2.632	0	-2.6	30	Pass		

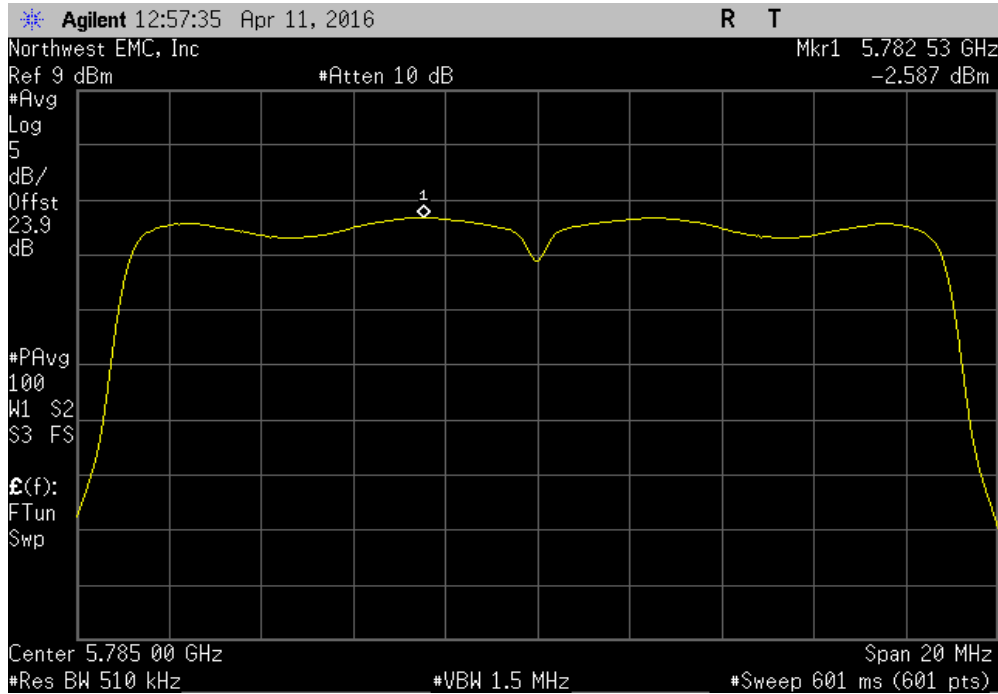


SISO, Chain A, 20MHz BW, Mid Channel, Ch 157 - 5785 MHz, 802.11(n) MCS7						
Power (dBm/Ref BW)	Duty Cycle Factor (dB)	Density (dBm/Ref BW)	Limit (dBm / Ref BW)	Results		
-2.914	0.4	-2.5	30	Pass		

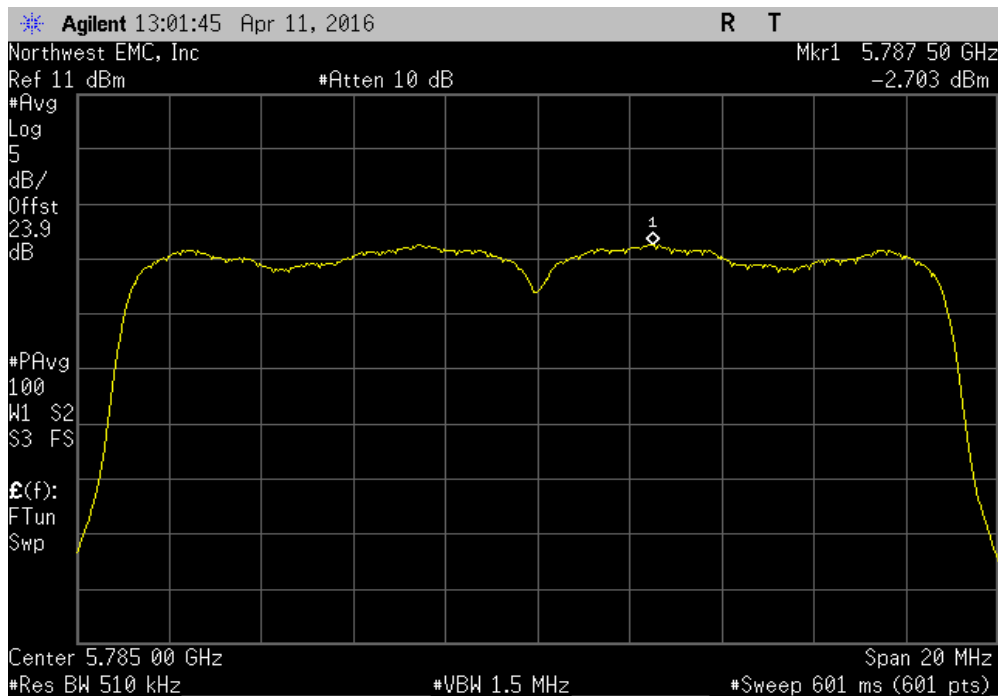


# MAXIMUM POWER SPECTRAL DENSITY

SISO, Chain A, 20MHz BW, Mid Channel, Ch 157 - 5785 MHz, 802.11(ac) MCS0						
Power (dBm/Ref BW)	Duty Cycle Factor (dB)	Density (dBm/Ref BW)	Limit (dBm / Ref BW)	Results		
-2.587	0	-2.5	30	Pass		

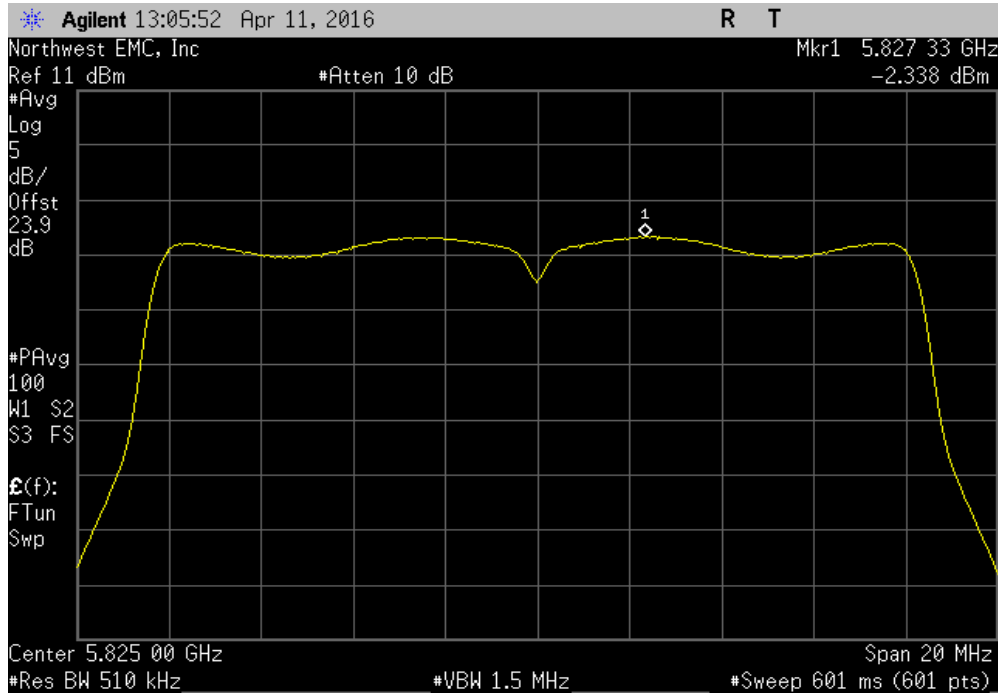


SISO, Chain A, 20MHz BW, Mid Channel, Ch 157 - 5785 MHz, 802.11(ac) MCS8						
Power (dBm/Ref BW)	Duty Cycle Factor (dB)	Density (dBm/Ref BW)	Limit (dBm / Ref BW)	Results		
-2.703	0.4	-2.3	30	Pass		

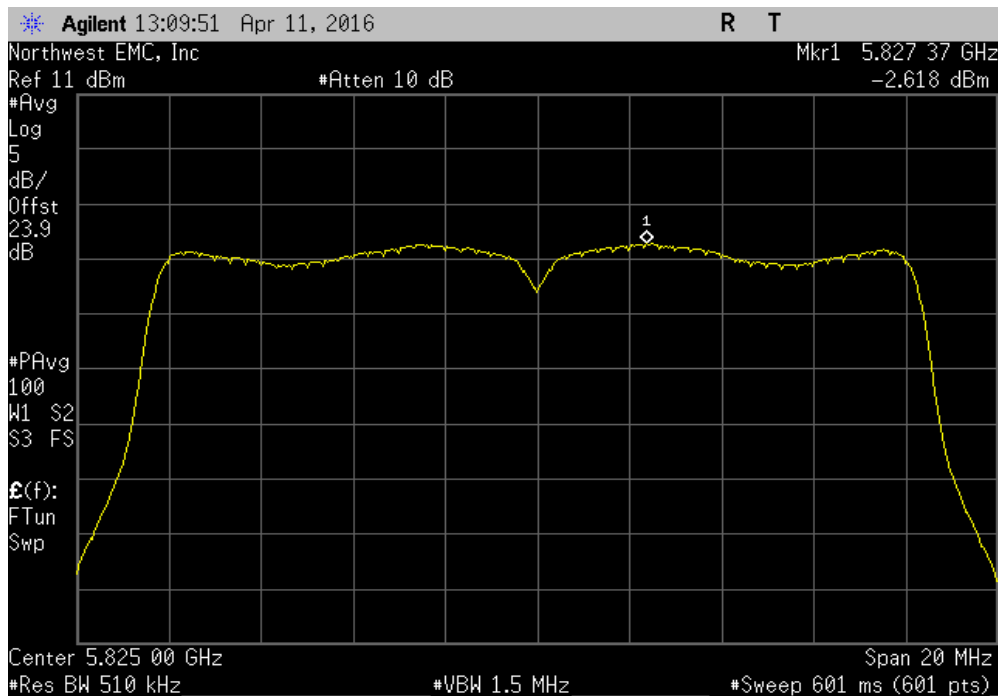


# MAXIMUM POWER SPECTRAL DENSITY

SISO, Chain A, 20MHz BW, High Channel, Ch 165 - 5825 MHz, 802.11(a) 6 Mbps						
Power	Duty Cycle	Density	Limit	Results		
(dBm/Ref BW)	Factor (dB)	(dBm/Ref BW)	(dBm / Ref BW)			
-2.338	0	-2.3	30	Pass		

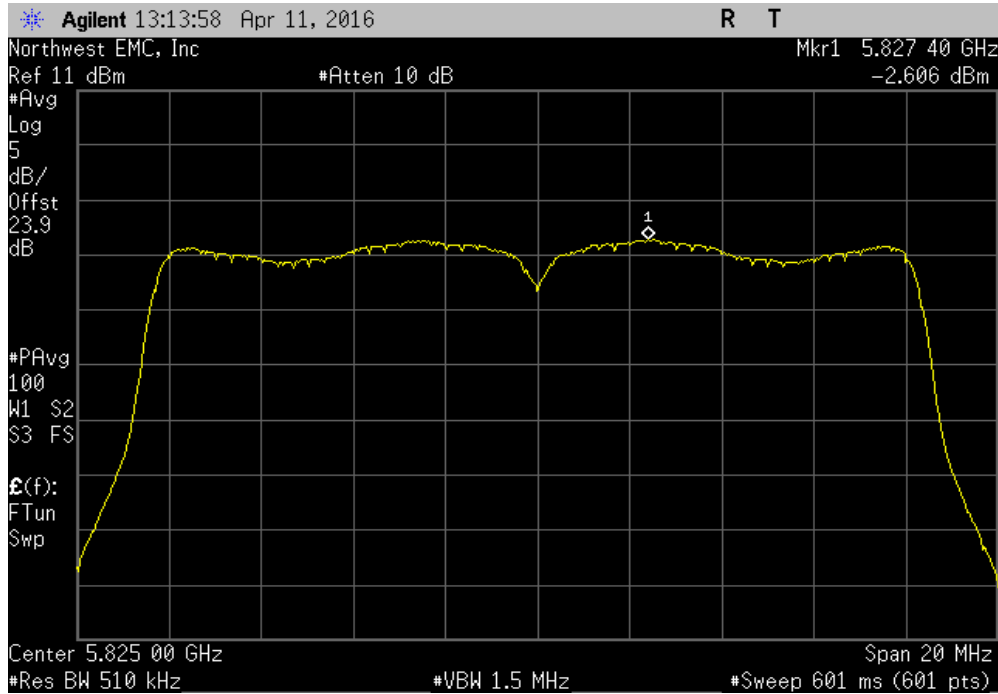


SISO, Chain A, 20MHz BW, High Channel, Ch 165 - 5825 MHz, 802.11(a) 36 Mbps						
Power	Duty Cycle	Density	Limit	Results		
(dBm/Ref BW)	Factor (dB)	(dBm/Ref BW)	(dBm / Ref BW)			
-2.618	0.3	-2.4	30	Pass		

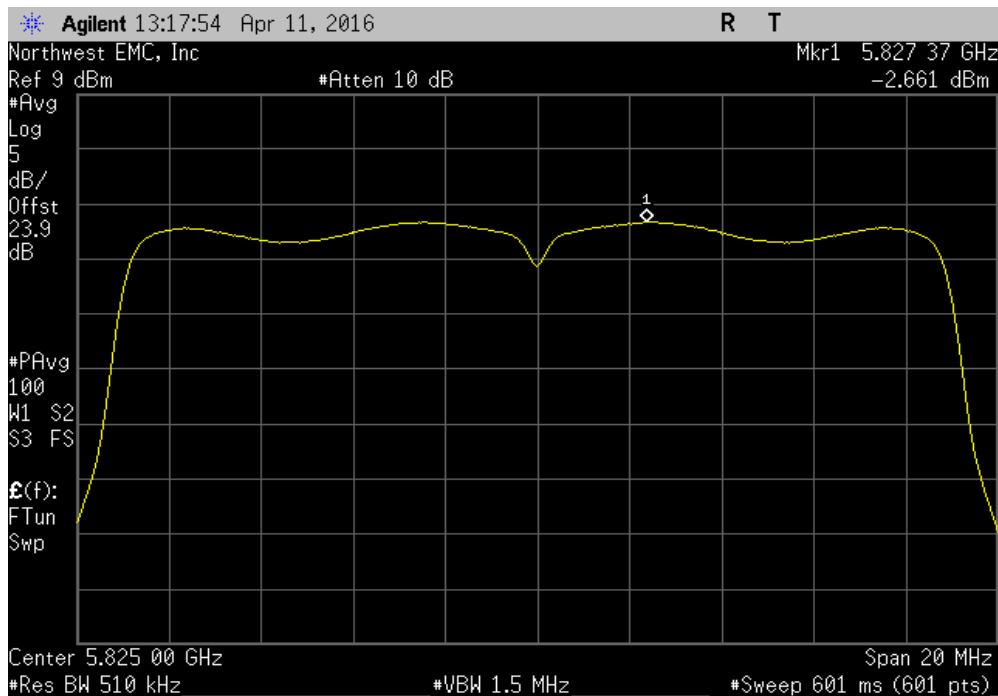


# MAXIMUM POWER SPECTRAL DENSITY

SISO, Chain A, 20MHz BW, High Channel, Ch 165 - 5825 MHz, 802.11(a) 54 Mbps						
Power (dBm/Ref BW)	Duty Cycle Factor (dB)	Density (dBm/Ref BW)	Limit (dBm / Ref BW)	Results		
-2.606	0.4	-2.2	30	Pass		

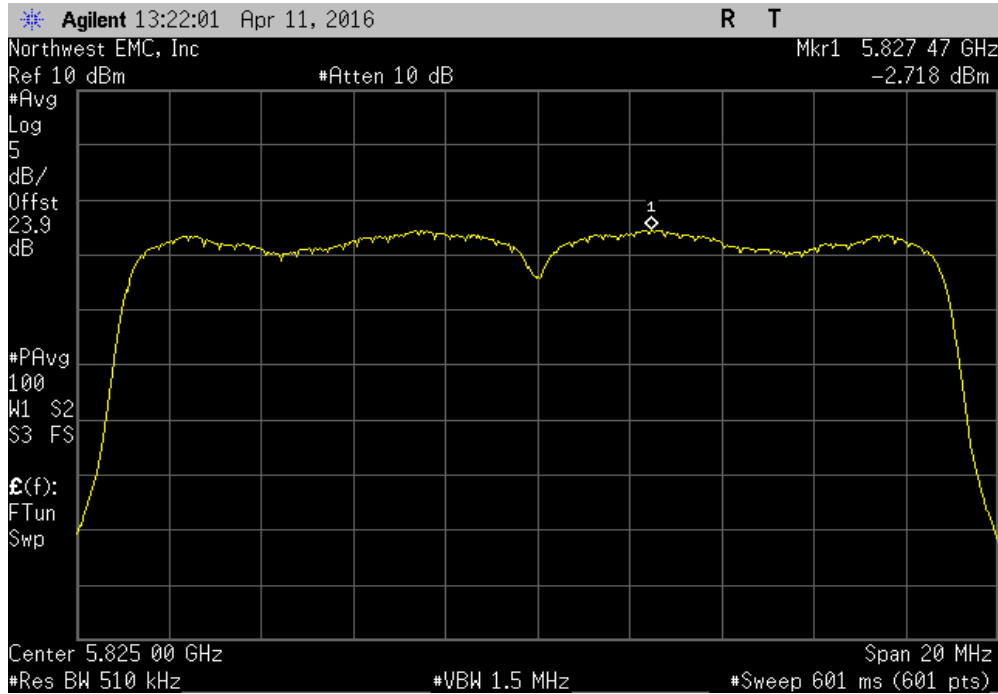


SISO, Chain A, 20MHz BW, High Channel, Ch 165 - 5825 MHz, 802.11(n) MCS0						
Power (dBm/Ref BW)	Duty Cycle Factor (dB)	Density (dBm/Ref BW)	Limit (dBm / Ref BW)	Results		
-2.661	0	-2.6	30	Pass		

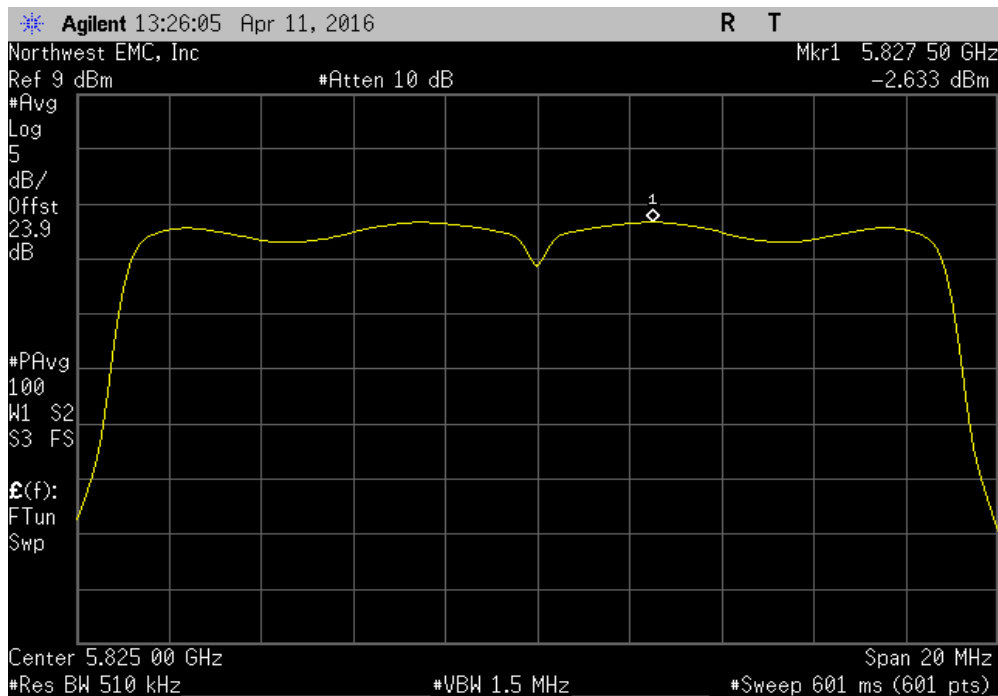


# MAXIMUM POWER SPECTRAL DENSITY

SISO, Chain A, 20MHz BW, High Channel, Ch 165 - 5825 MHz, 802.11(n) MCS7						
Power (dBm/Ref BW)	Duty Cycle Factor (dB)	Density (dBm/Ref BW)	Limit (dBm / Ref BW)	Results		
-2.718	0.4	-2.3	30	Pass		

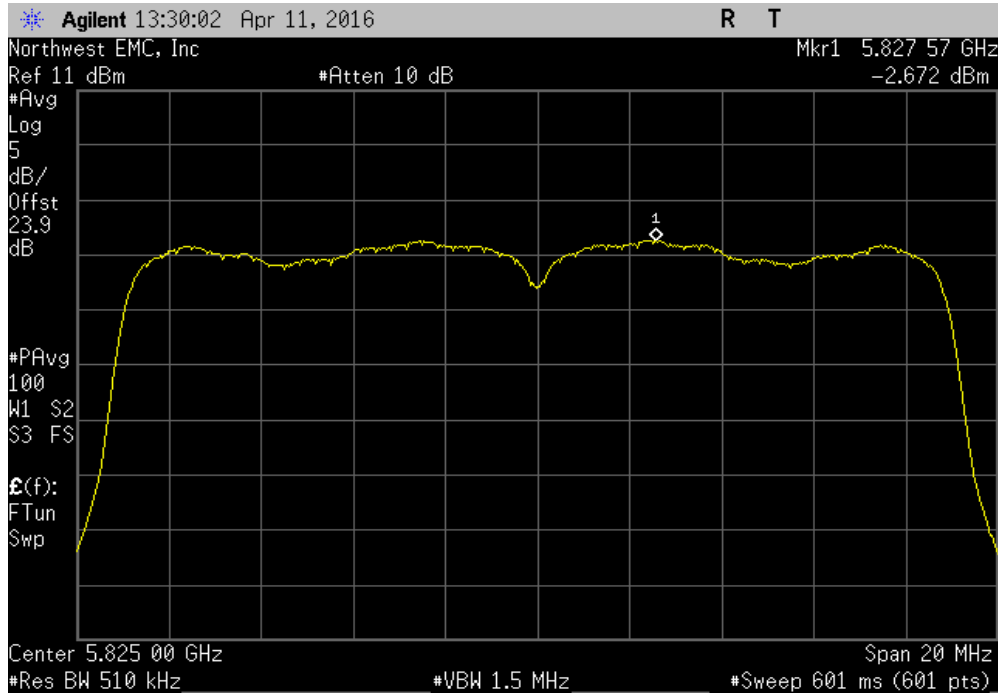


SISO, Chain A, 20MHz BW, High Channel, Ch 165 - 5825 MHz, 802.11(ac) MCS0						
Power (dBm/Ref BW)	Duty Cycle Factor (dB)	Density (dBm/Ref BW)	Limit (dBm / Ref BW)	Results		
-2.633	0	-2.6	30	Pass		

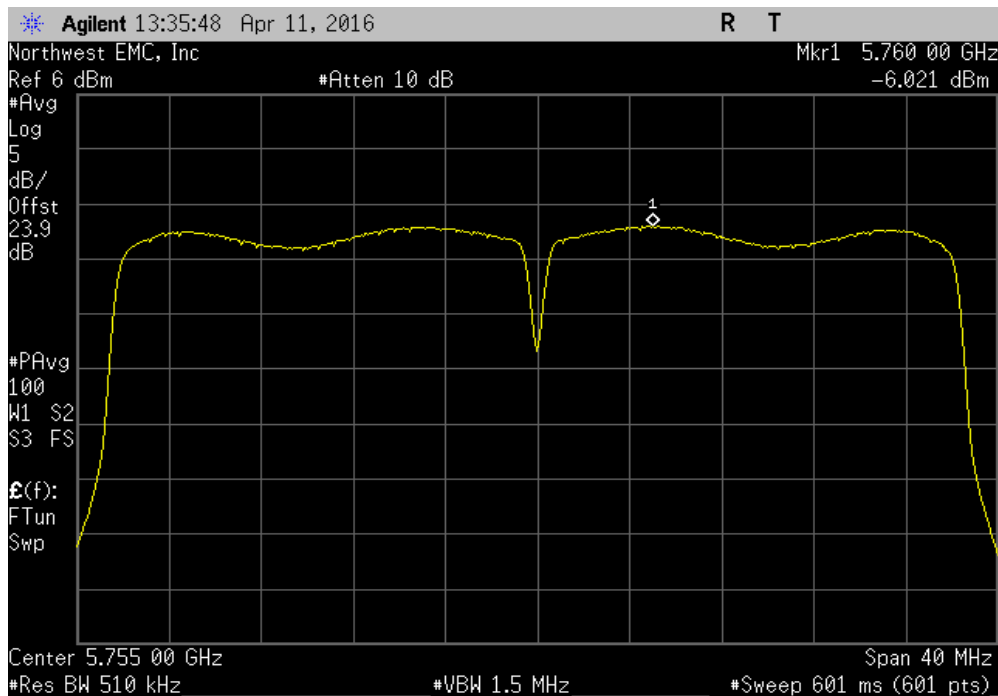


# MAXIMUM POWER SPECTRAL DENSITY

SISO, Chain A, 20MHz BW, High Channel, Ch 165 - 5825 MHz, 802.11(ac) MCS8						
Power (dBm/Ref BW)	Duty Cycle Factor (dB)	Density (dBm/Ref BW)	Limit (dBm / Ref BW)	Results		
-2.672	0.4	-2.3	30	Pass		



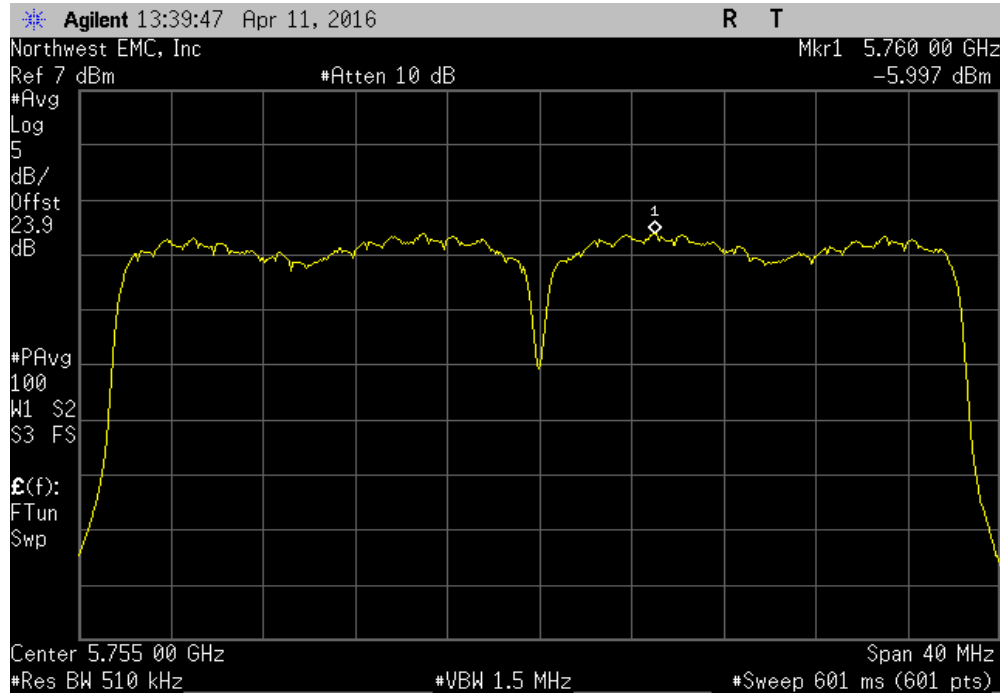
SISO, Chain A, 40MHz BW, Low Channel, Ch 149/153 - 5755 MHz, 802.11(n) MCS0						
Power (dBm/Ref BW)	Duty Cycle Factor (dB)	Density (dBm/Ref BW)	Limit (dBm / Ref BW)	Results		
-6.021	0.2	-5.8	30	Pass		



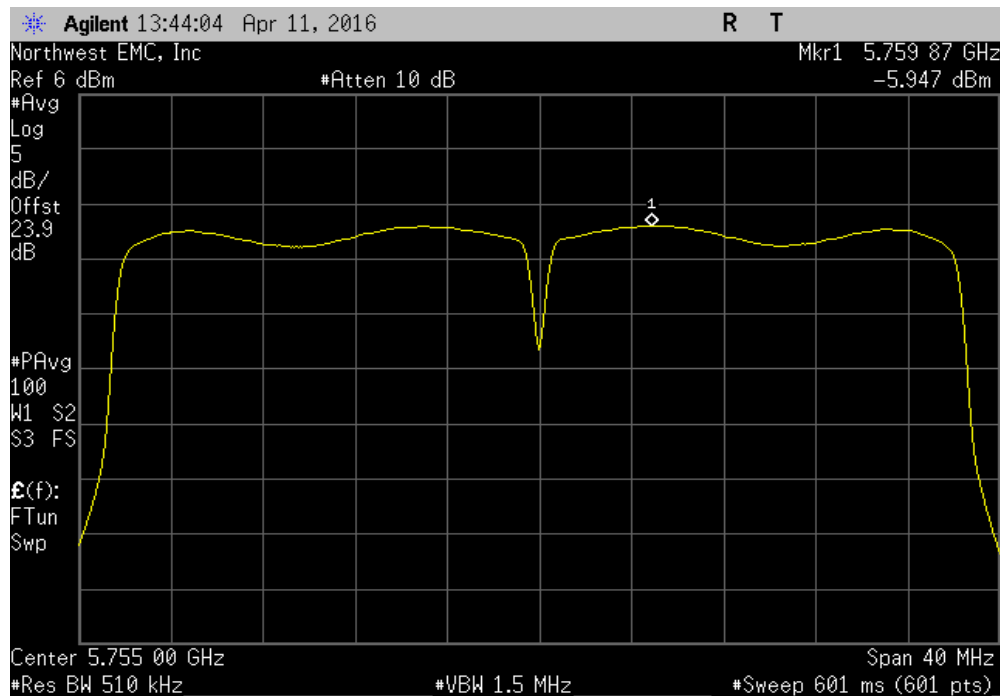


# MAXIMUM POWER SPECTRAL DENSITY

SISO, Chain A, 40MHz BW, Low Channel, Ch 149/153 - 5755 MHz, 802.11(n) MCS7						
Power (dBm/Ref BW)	Duty Cycle Factor (dB)	Density (dBm/Ref BW)	Limit (dBm / Ref BW)	Results		
-5.997	1.5	-4.5	30	Pass		

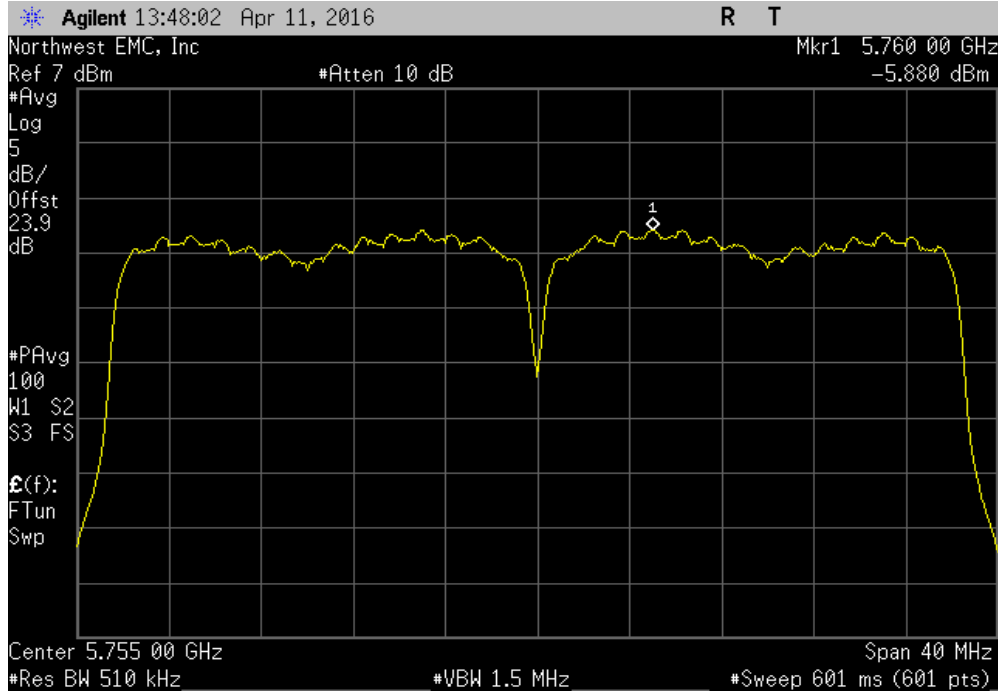


SISO, Chain A, 40MHz BW, Low Channel, Ch 149/153 - 5755 MHz, 802.11(ac) MCS0						
Power (dBm/Ref BW)	Duty Cycle Factor (dB)	Density (dBm/Ref BW)	Limit (dBm / Ref BW)	Results		
-5.947	0.2	-5.8	30	Pass		

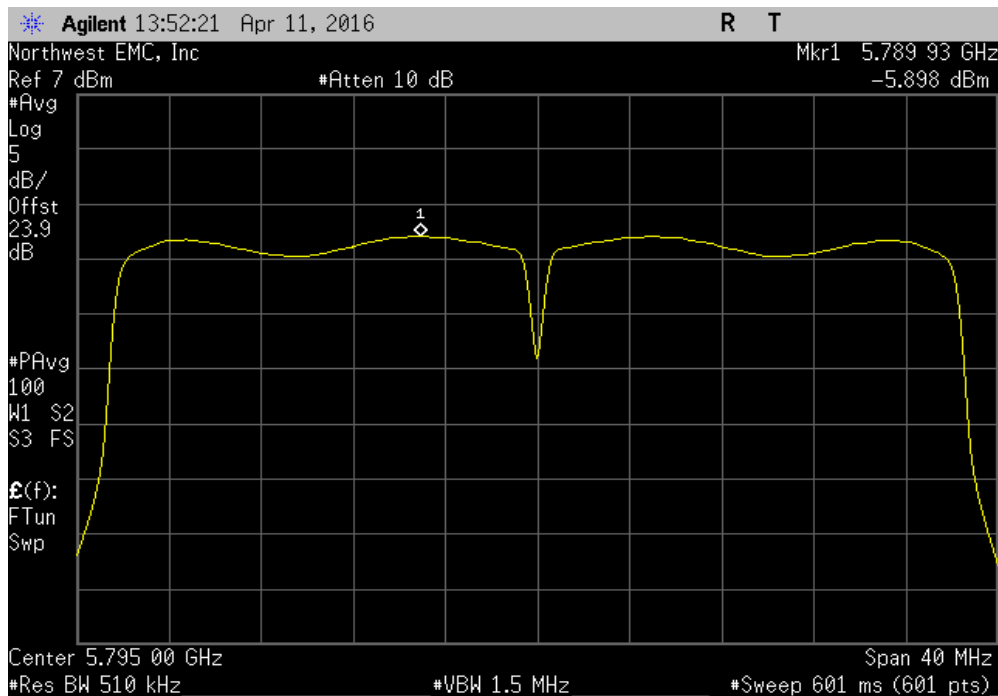


# MAXIMUM POWER SPECTRAL DENSITY

SISO, Chain A, 40MHz BW, Low Channel, Ch 149/153 - 5755 MHz, 802.11(ac) MCS9						
Power (dBm/Ref BW)	Duty Cycle Factor (dB)	Density (dBm/Ref BW)	Limit (dBm / Ref BW)	Results		
-5.88	1.6	-4.2	30	Pass		

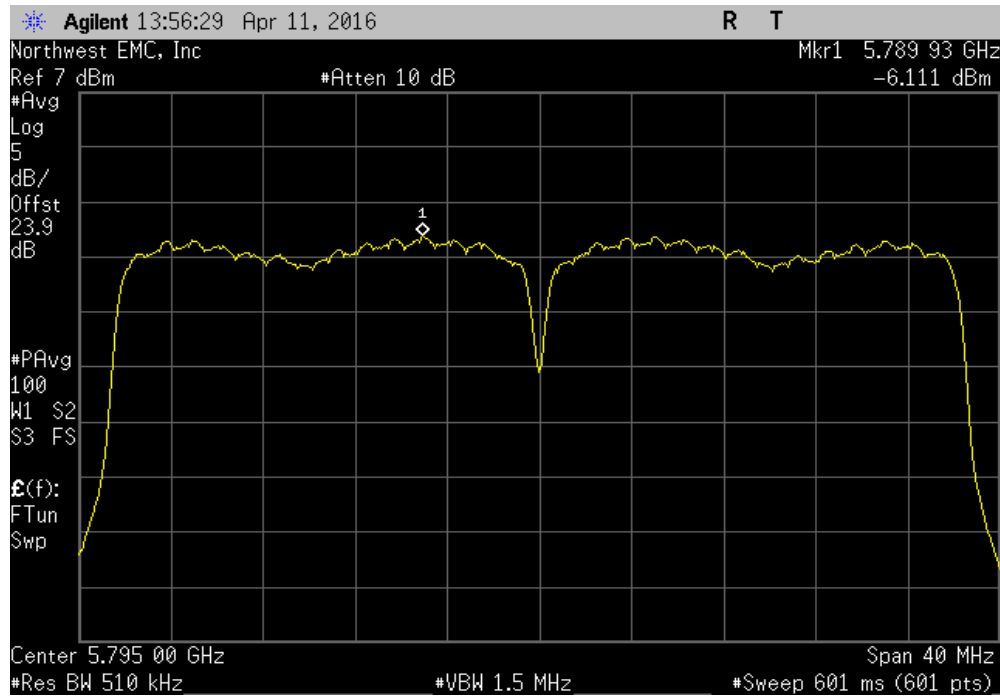


SISO, Chain A, 40MHz BW, High Channel, Ch 157/161 - 5795 MHz, 802.11(n) MCS0						
Power (dBm/Ref BW)	Duty Cycle Factor (dB)	Density (dBm/Ref BW)	Limit (dBm / Ref BW)	Results		
-5.898	0.2	-5.7	30	Pass		

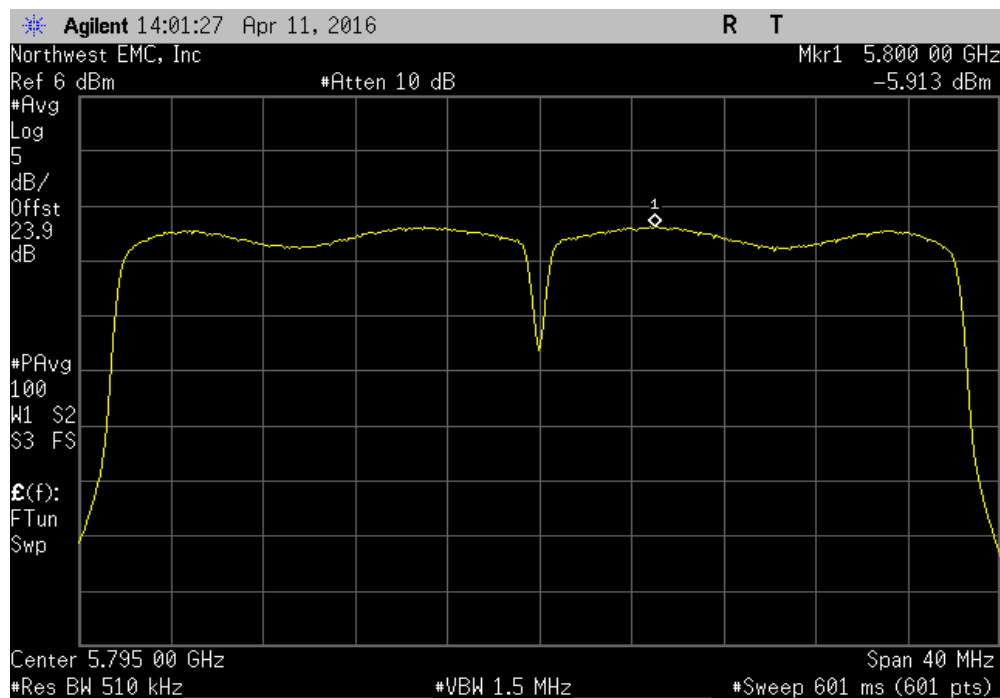


# MAXIMUM POWER SPECTRAL DENSITY

SISO, Chain A, 40MHz BW, High Channel, Ch 157/161 - 5795 MHz, 802.11(n) MCS7						
Power (dBm/Ref BW)	Duty Cycle Factor (dB)	Density (dBm/Ref BW)	Limit (dBm / Ref BW)	Results		
-6.111	1.5	-4.6	30	Pass		

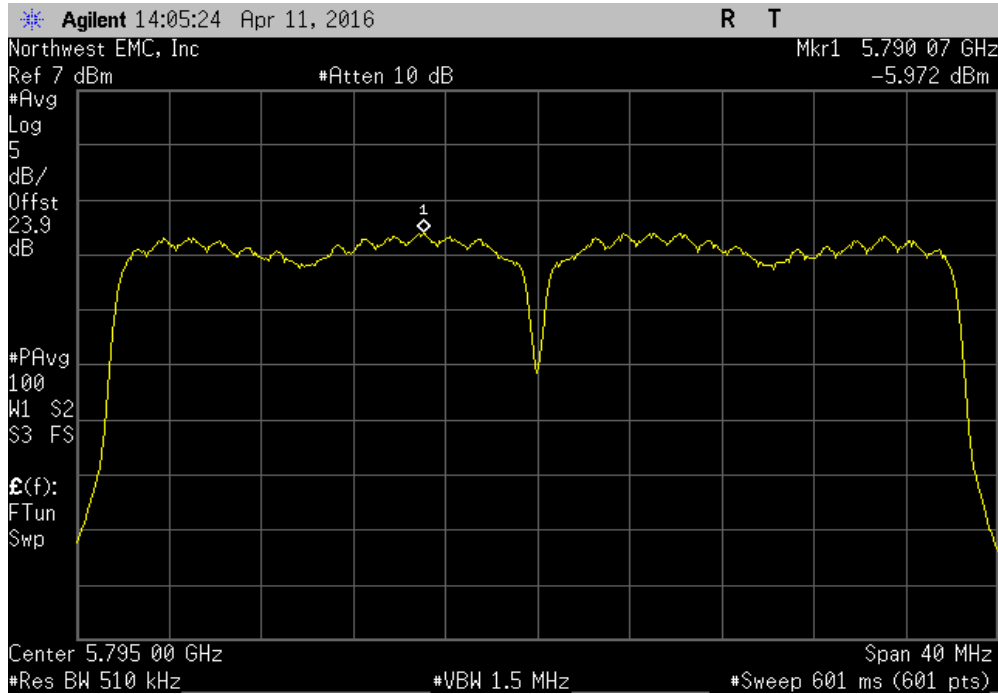


SISO, Chain A, 40MHz BW, High Channel, Ch 157/161 - 5795 MHz, 802.11(ac) MCS0						
Power (dBm/Ref BW)	Duty Cycle Factor (dB)	Density (dBm/Ref BW)	Limit (dBm / Ref BW)	Results		
-5.913	0.2	-5.8	30	Pass		

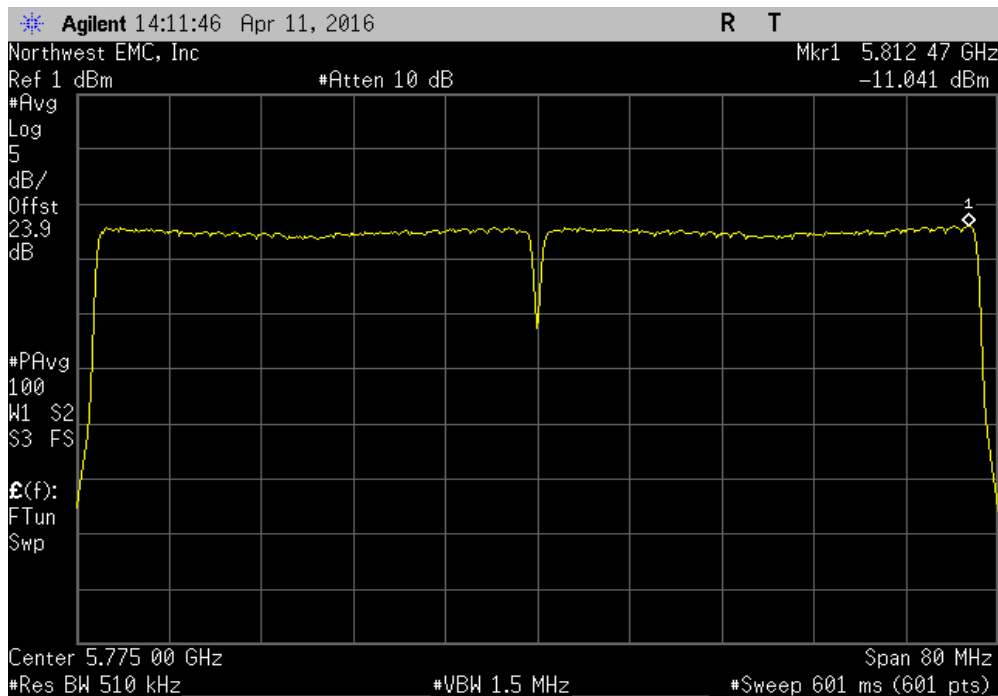


# MAXIMUM POWER SPECTRAL DENSITY

SISO, Chain A, 40MHz BW, High Channel, Ch 157/161 - 5795 MHz, 802.11(ac) MCS9						
Power (dBm/Ref BW)	Duty Cycle Factor (dB)	Density (dBm/Ref BW)	Limit (dBm / Ref BW)	Results		
-5.972	1.6	-4.3	30	Pass		

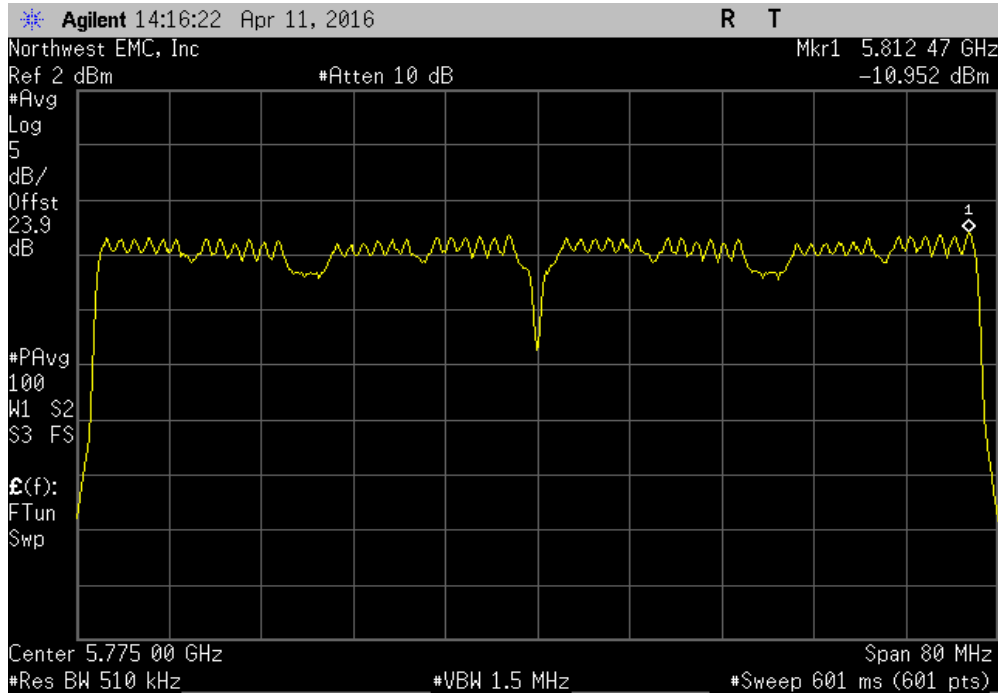


SISO, Chain A, 80MHz BW, Mid Channel, Ch 149/161 - 5775 MHz, 802.11(ac) MCS0						
Power (dBm/Ref BW)	Duty Cycle Factor (dB)	Density (dBm/Ref BW)	Limit (dBm / Ref BW)	Results		
-11.041	0.3	-10.7	30	Pass		

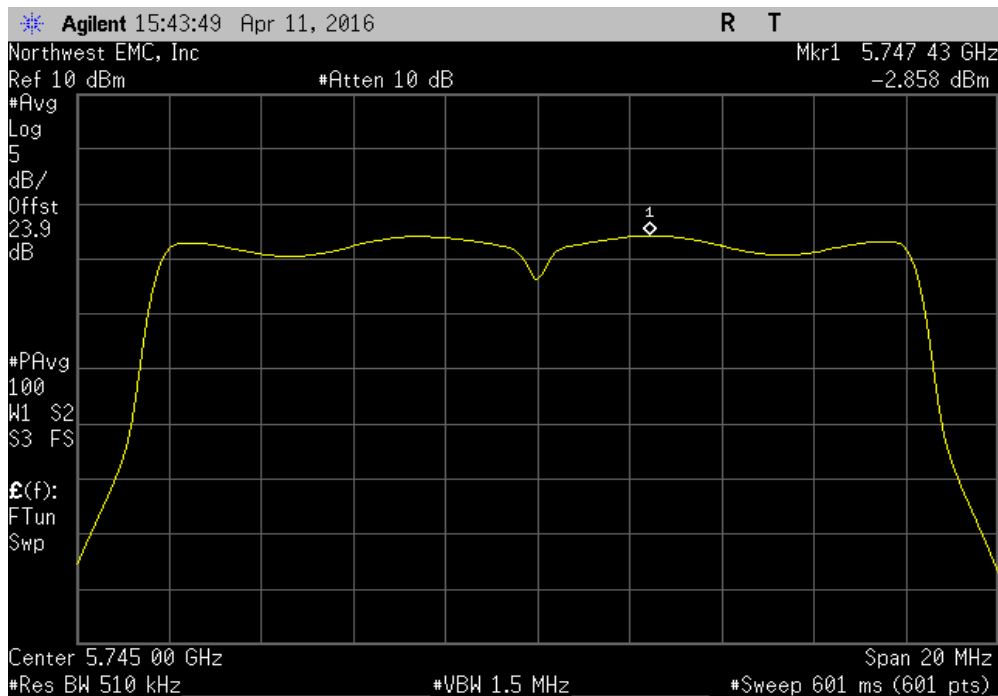


# MAXIMUM POWER SPECTRAL DENSITY

SISO, Chain A, 80MHz BW, Mid Channel, Ch 149/161 - 5775 MHz, 802.11(ac) MCS9						
Power (dBm/Ref BW)	Duty Cycle Factor (dB)	Density (dBm/Ref BW)	Limit (dBm / Ref BW)	Results		
-10.952	1.8	-9.1	30	Pass		

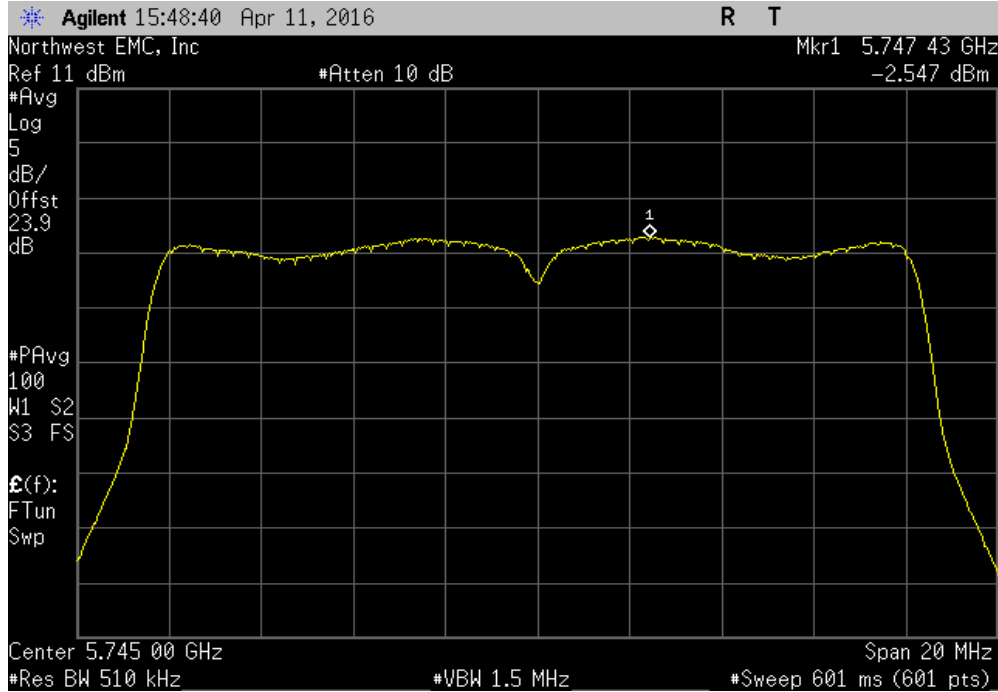


SISO, Chain B, 20MHz BW, Low Channel, Ch 149 - 5745 MHz, 802.11(a) 6 Mbps						
Power (dBm/Ref BW)	Duty Cycle Factor (dB)	Density (dBm/Ref BW)	Limit (dBm / Ref BW)	Results		
-2.858	0	-2.8	30	Pass		

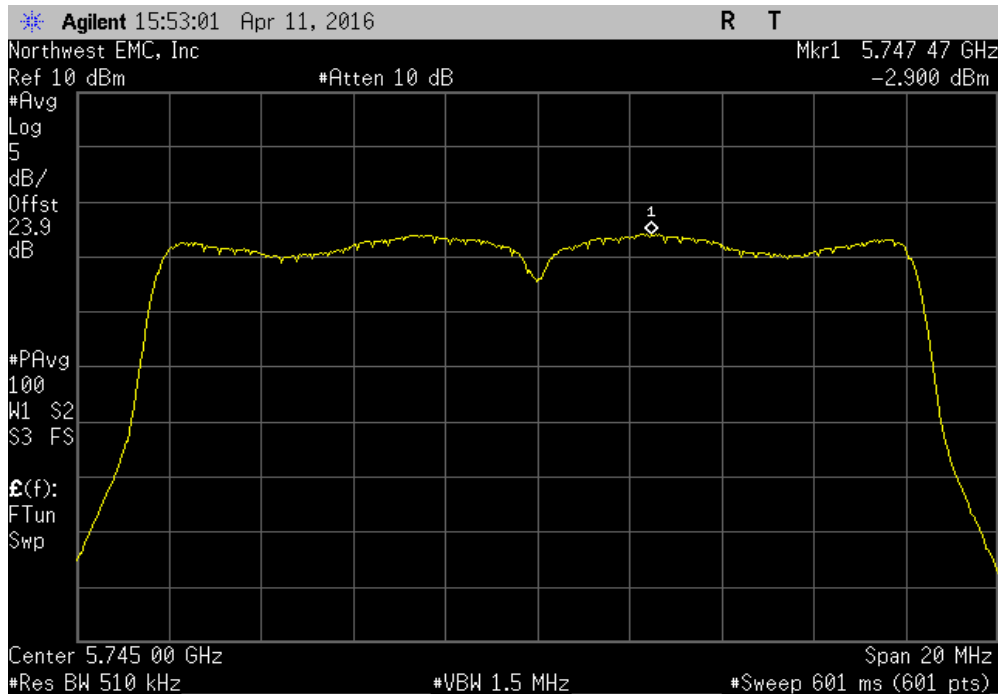


# MAXIMUM POWER SPECTRAL DENSITY

SISO, Chain B, 20MHz BW, Low Channel, Ch 149 - 5745 MHz, 802.11(a) 36 Mbps						
Power (dBm/Ref BW)	Duty Cycle Factor (dB)	Density (dBm/Ref BW)	Limit (dBm / Ref BW)	Results		
-2.547	0.3	-2.3	30	Pass		

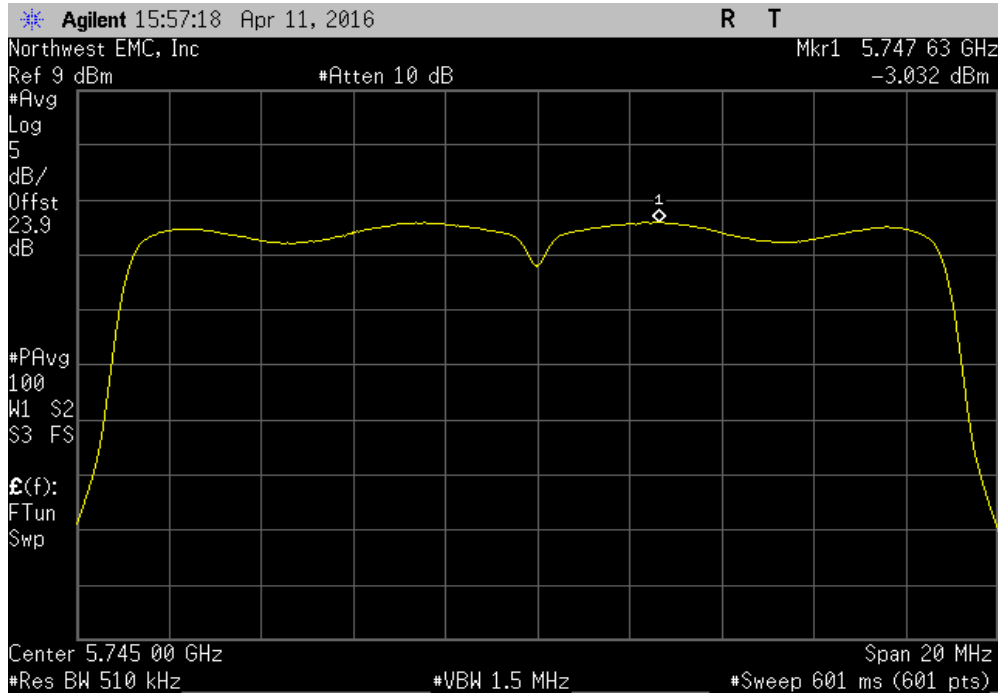


SISO, Chain B, 20MHz BW, Low Channel, Ch 149 - 5745 MHz, 802.11(a) 54 Mbps						
Power (dBm/Ref BW)	Duty Cycle Factor (dB)	Density (dBm/Ref BW)	Limit (dBm / Ref BW)	Results		
-2.9	0.4	-2.5	30	Pass		

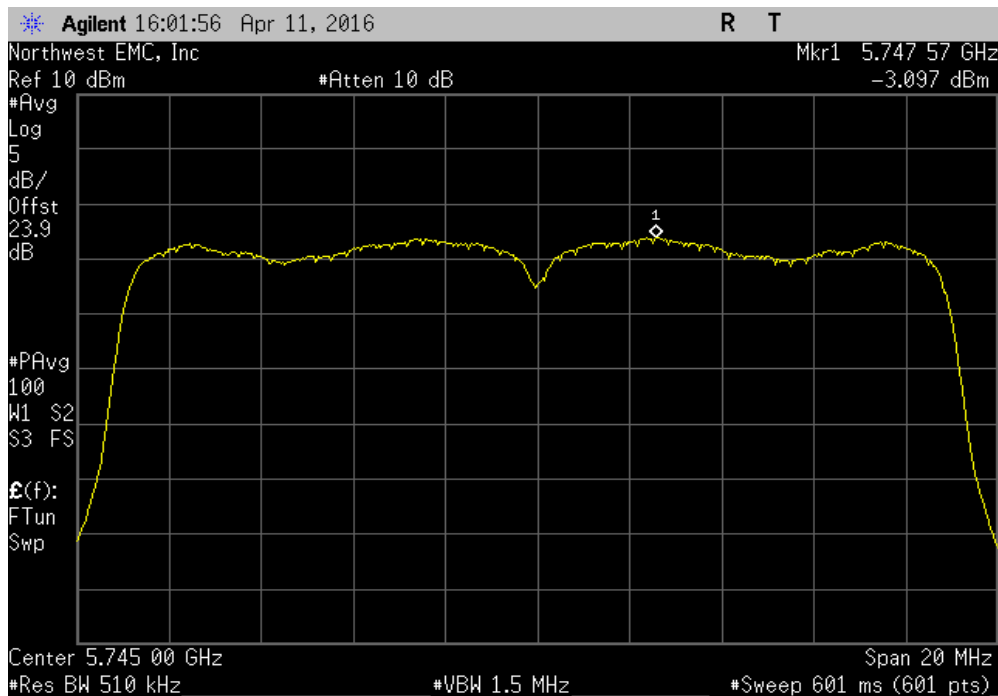


# MAXIMUM POWER SPECTRAL DENSITY

SISO, Chain B, 20MHz BW, Low Channel, Ch 149 - 5745 MHz, 802.11(n) MCS0						
Power (dBm/Ref BW)	Duty Cycle Factor (dB)	Density (dBm/Ref BW)	Limit (dBm / Ref BW)	Results		
-3.032	0	-3	30	Pass		

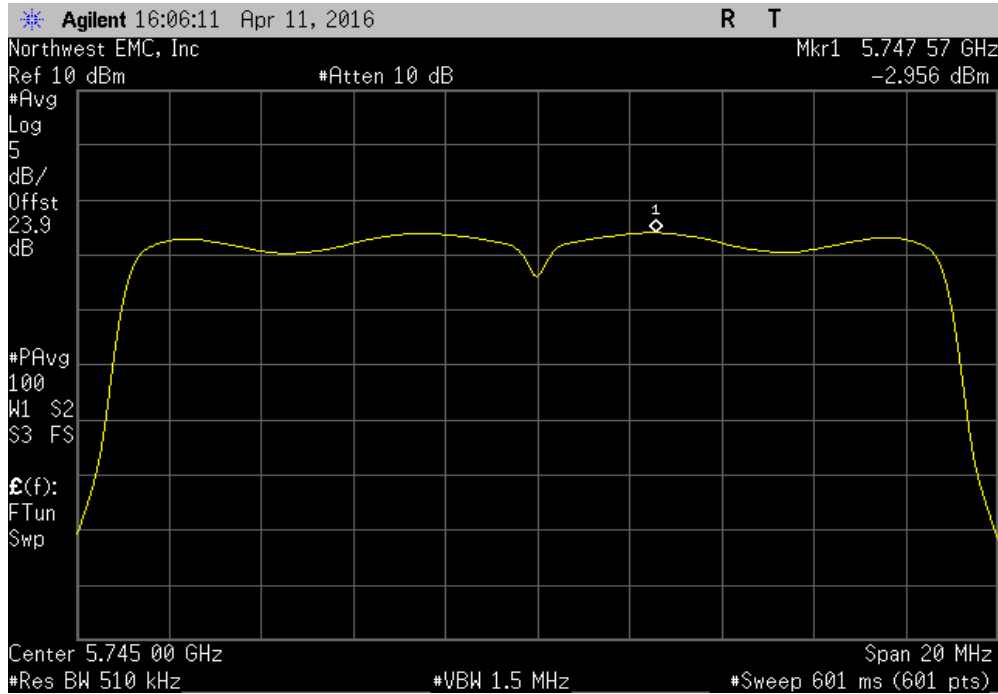


SISO, Chain B, 20MHz BW, Low Channel, Ch 149 - 5745 MHz, 802.11(n) MCS7						
Power (dBm/Ref BW)	Duty Cycle Factor (dB)	Density (dBm/Ref BW)	Limit (dBm / Ref BW)	Results		
-3.097	0.4	-2.7	30	Pass		

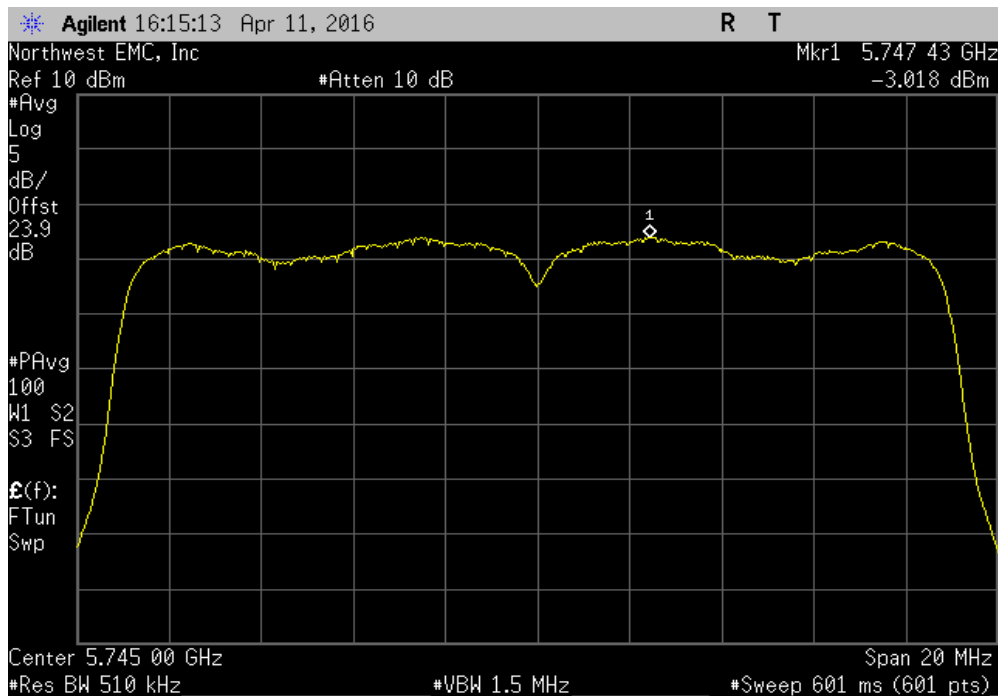


# MAXIMUM POWER SPECTRAL DENSITY

SISO, Chain B, 20MHz BW, Low Channel, Ch 149 - 5745 MHz, 802.11(ac) MCS0						
Power (dBm/Ref BW)	Duty Cycle Factor (dB)	Density (dBm/Ref BW)	Limit (dBm / Ref BW)	Results		
-2.956	0	-2.9	30	Pass		



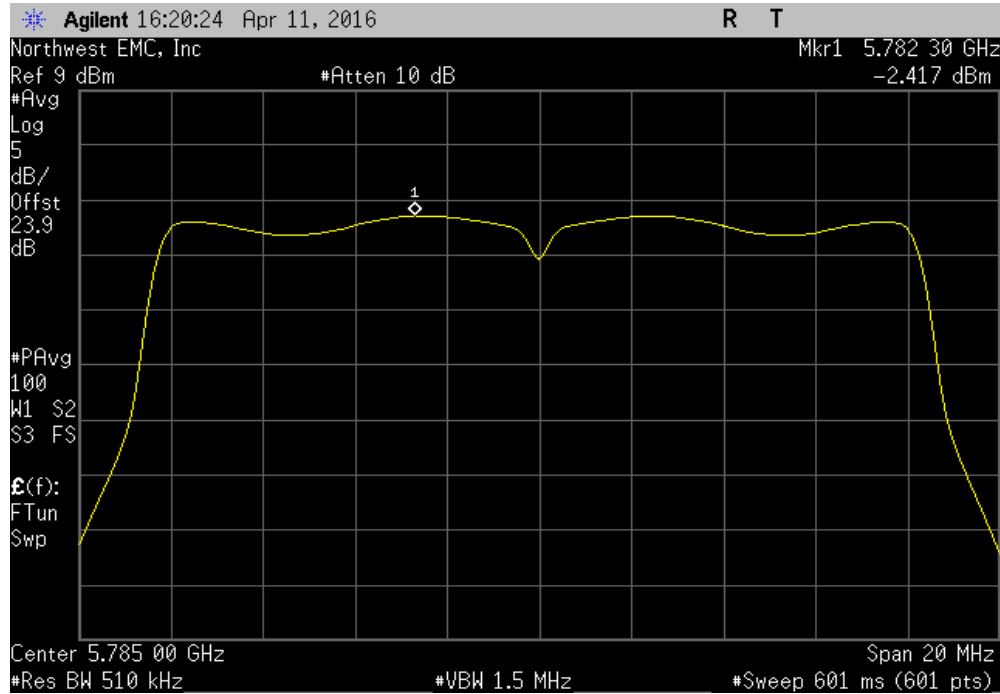
SISO, Chain B, 20MHz BW, Low Channel, Ch 149 - 5745 MHz, 802.11(ac) MCS8						
Power (dBm/Ref BW)	Duty Cycle Factor (dB)	Density (dBm/Ref BW)	Limit (dBm / Ref BW)	Results		
-3.018	0.4	-2.6	30	Pass		



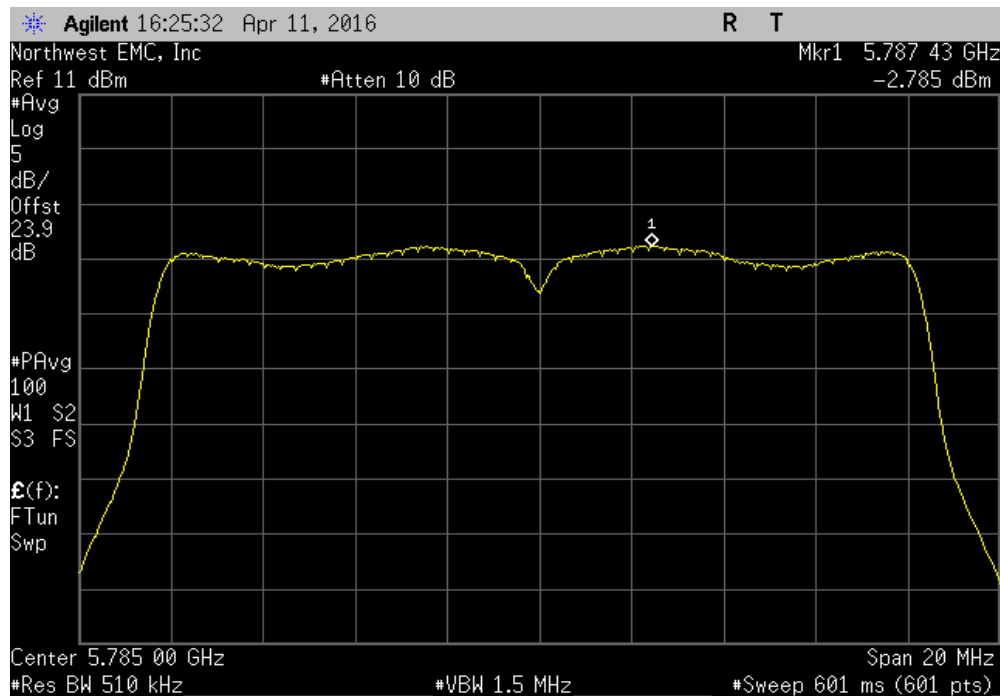


# MAXIMUM POWER SPECTRAL DENSITY

SISO, Chain B, 20MHz BW, Mid Channel, Ch 157 - 5785 MHz, 802.11(a) 6 Mbps						
Power	Duty Cycle	Density	Limit	Results		
(dBm/Ref BW)	Factor (dB)	(dBm/Ref BW)	dBm / Ref BW			
-2.417	0	-2.4	30	Pass		

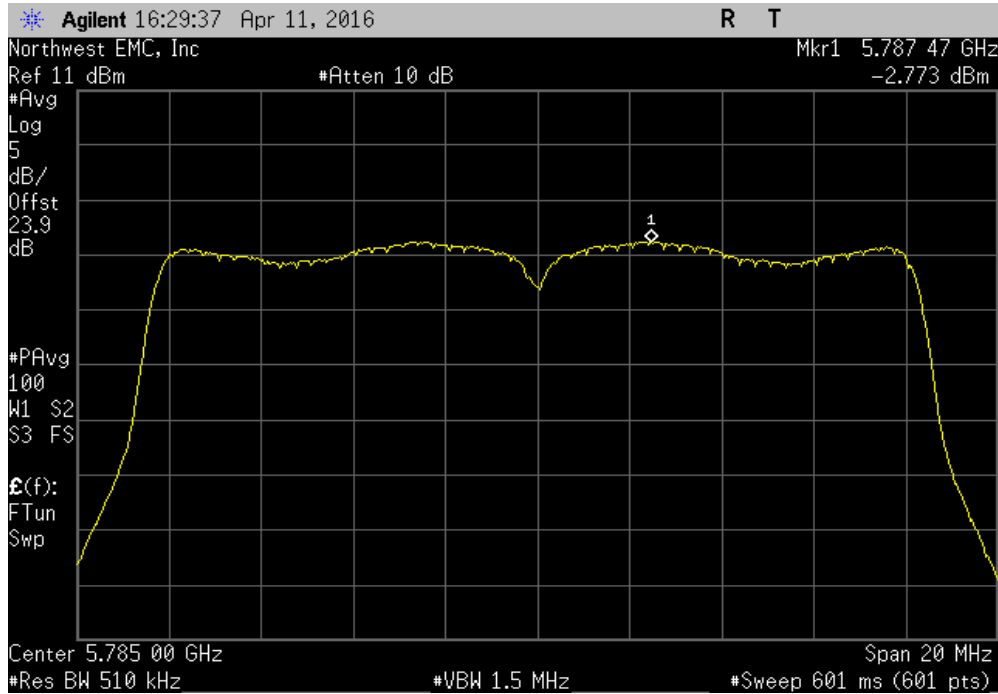


SISO, Chain B, 20MHz BW, Mid Channel, Ch 157 - 5785 MHz, 802.11(a) 36 Mbps						
Power	Duty Cycle	Density	Limit	Results		
(dBm/Ref BW)	Factor (dB)	(dBm/Ref BW)	dBm / Ref BW			
-2.785	0.3	-2.5	30	Pass		

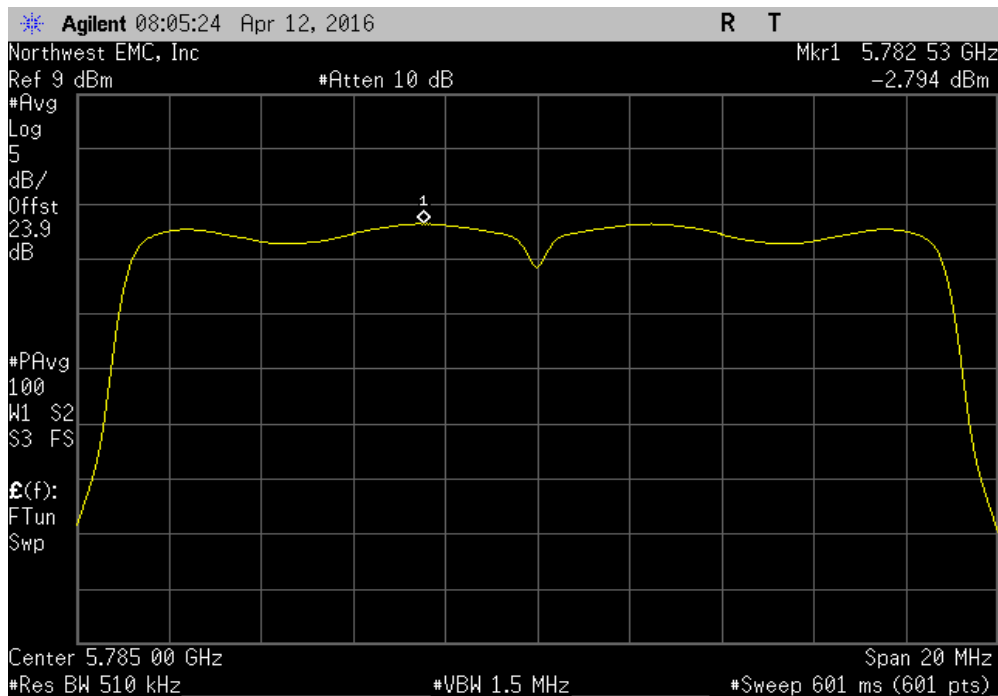


# MAXIMUM POWER SPECTRAL DENSITY

SISO, Chain B, 20MHz BW, Mid Channel, Ch 157 - 5785 MHz, 802.11(a) 54 Mbps						
Power	Duty Cycle	Density	Limit	Results		
(dBm/Ref BW)	Factor (dB)	(dBm/Ref BW)	(dBm / Ref BW)			
-2.773	0.4	-2.4	30	Pass		

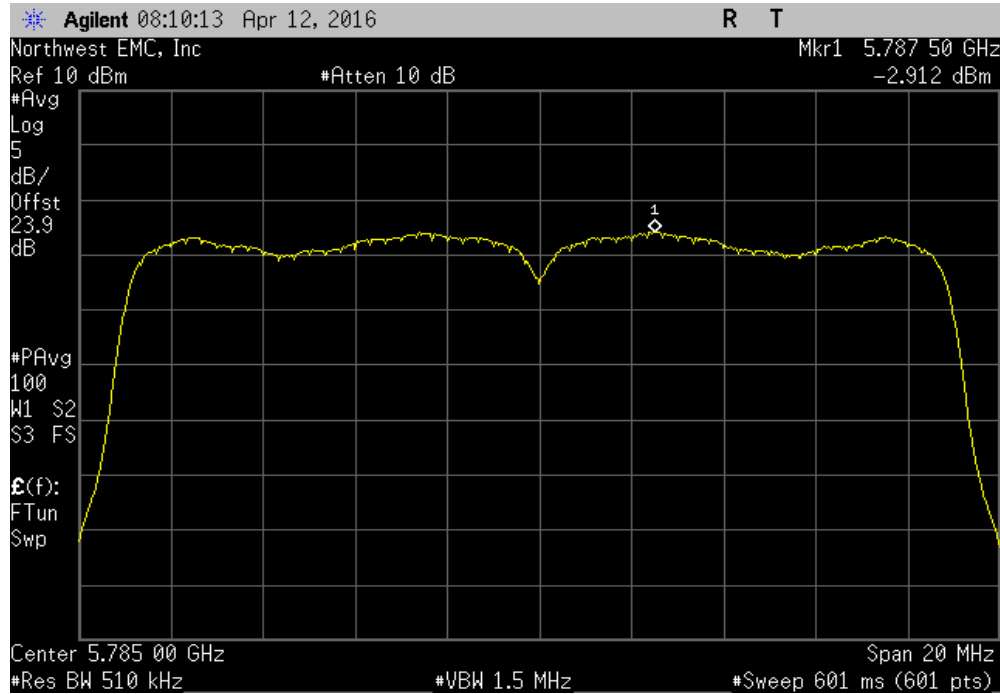


SISO, Chain B, 20MHz BW, Mid Channel, Ch 157 - 5785 MHz, 802.11(n) MCS0						
Power	Duty Cycle	Density	Limit	Results		
(dBm/Ref BW)	Factor (dB)	(dBm/Ref BW)	(dBm / Ref BW)			
-2.794	0	-2.8	30	Pass		

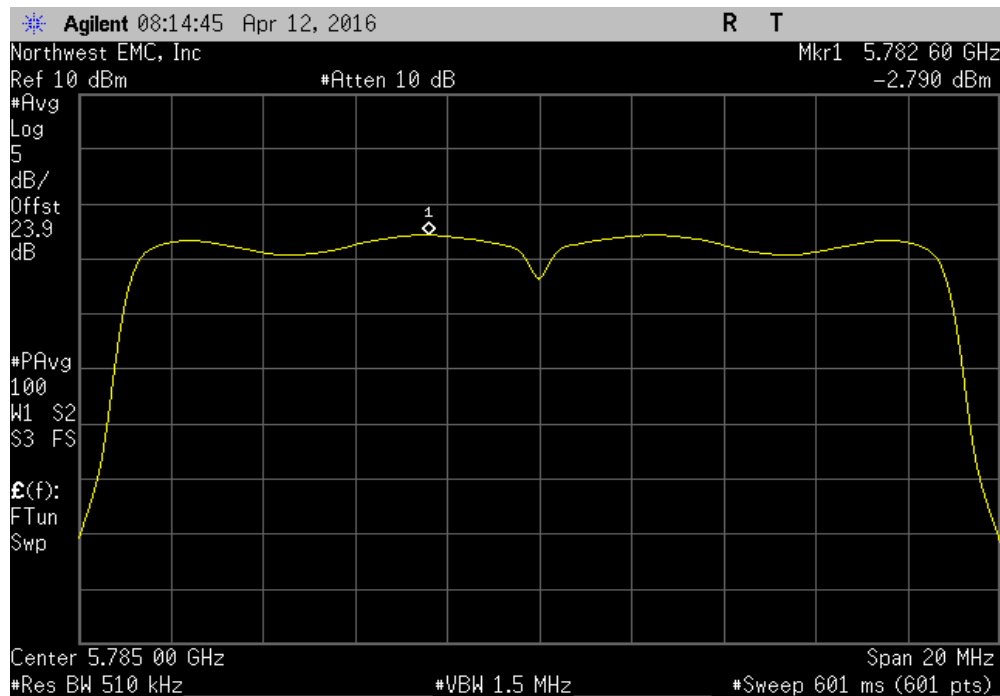


# MAXIMUM POWER SPECTRAL DENSITY

SISO, Chain B, 20MHz BW, Mid Channel, Ch 157 - 5785 MHz, 802.11(n) MCS7						
Power (dBm/Ref BW)	Duty Cycle Factor (dB)	Density (dBm/Ref BW)	Limit (dBm / Ref BW)	Results		
-2.912	0.4	-2.5	30	Pass		

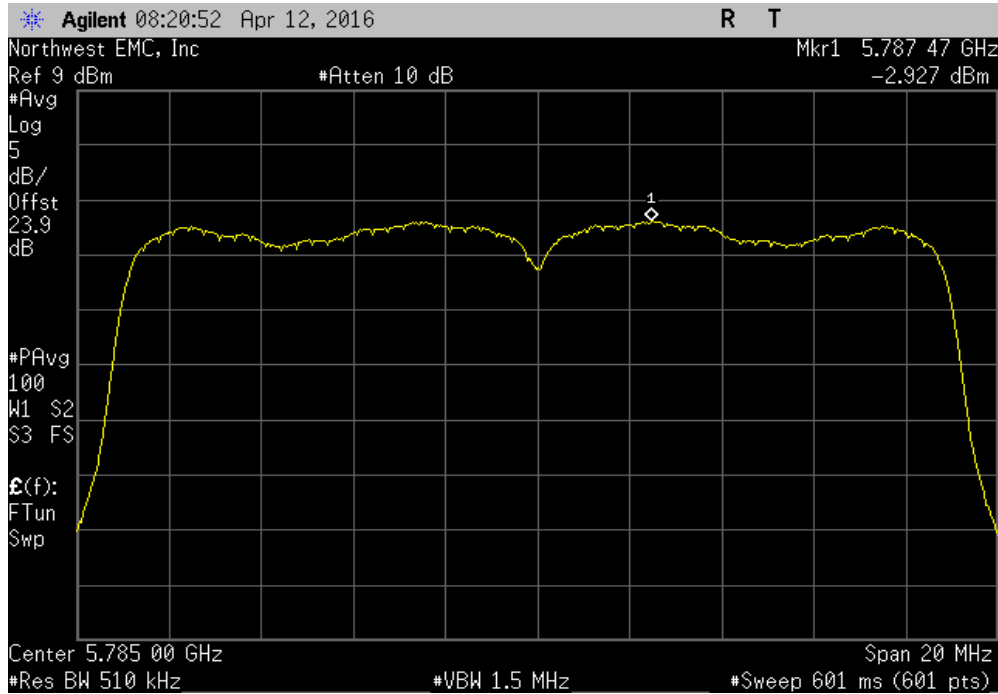


SISO, Chain B, 20MHz BW, Mid Channel, Ch 157 - 5785 MHz, 802.11(ac) MCS0						
Power (dBm/Ref BW)	Duty Cycle Factor (dB)	Density (dBm/Ref BW)	Limit (dBm / Ref BW)	Results		
-2.79	0	-2.8	30	Pass		

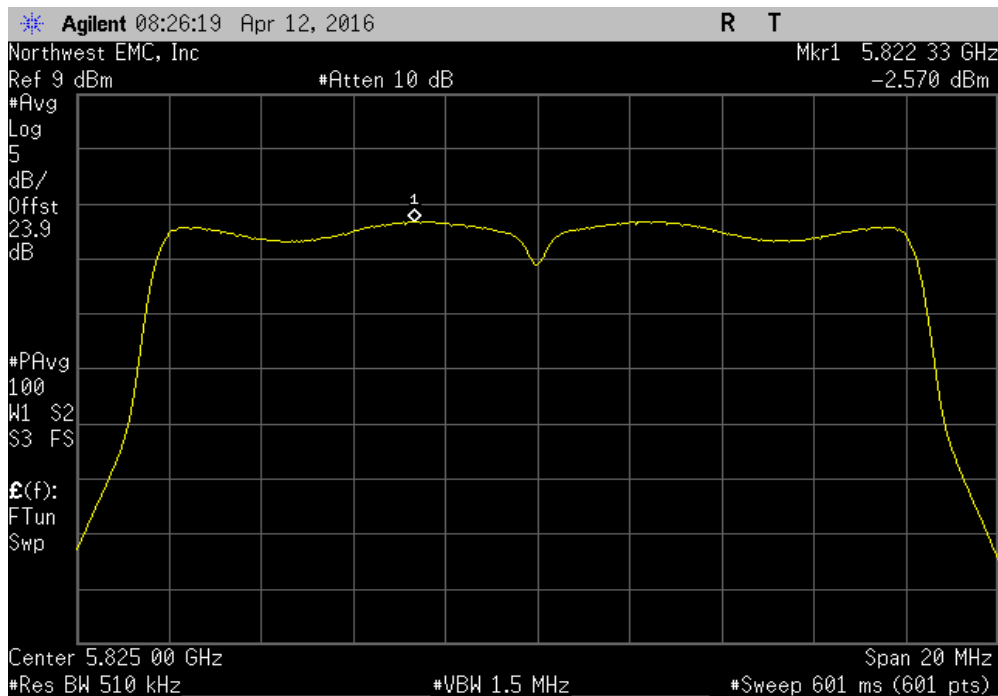


# MAXIMUM POWER SPECTRAL DENSITY

SISO, Chain B, 20MHz BW, Mid Channel, Ch 157 - 5785 MHz, 802.11(ac) MCS8						
Power	Duty Cycle	Density	Limit	Results		
(dBm/Ref BW)	Factor (dB)	(dBm/Ref BW)	dBm / Ref BW			
-2.927	0.4	-2.5	30	Pass		

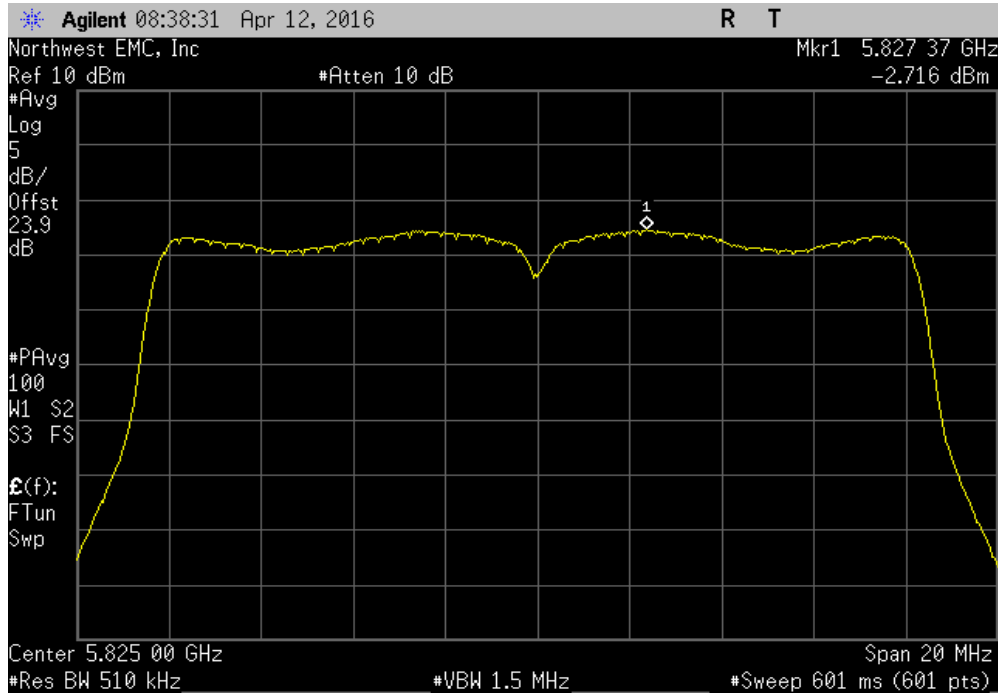


SISO, Chain B, 20MHz BW, High Channel, Ch 165 - 5825 MHz, 802.11(a) 6 Mbps						
Power	Duty Cycle	Density	Limit	Results		
(dBm/Ref BW)	Factor (dB)	(dBm/Ref BW)	dBm / Ref BW			
-2.57	0	-2.5	30	Pass		

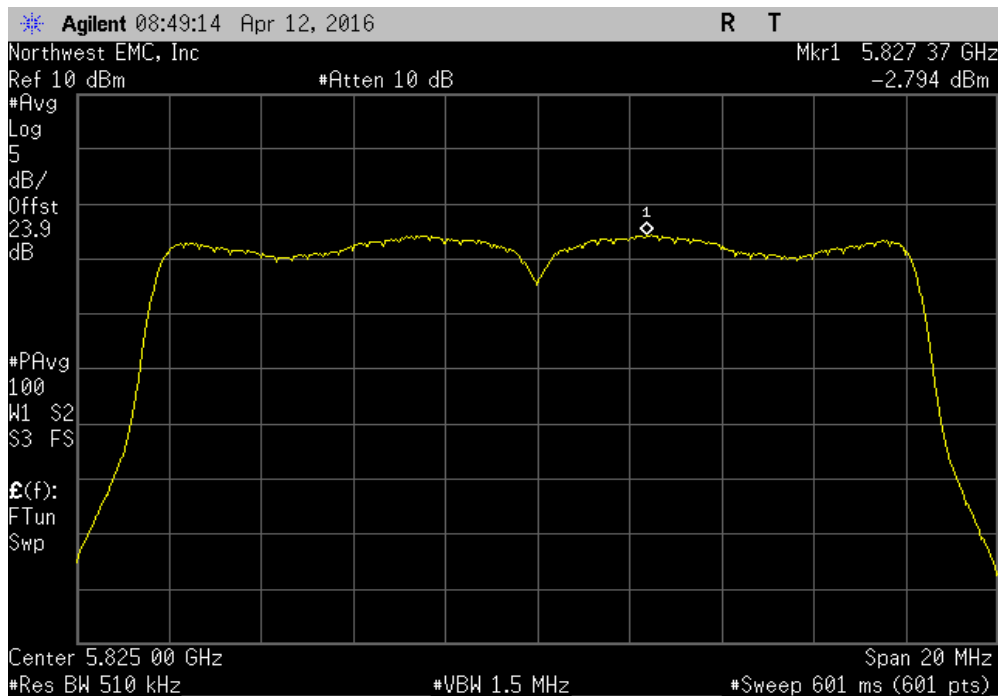


# MAXIMUM POWER SPECTRAL DENSITY

SISO, Chain B, 20MHz BW, High Channel, Ch 165 - 5825 MHz, 802.11(a) 36 Mbps						
Power (dBm/Ref BW)	Duty Cycle Factor (dB)	Density (dBm/Ref BW)	Limit (dBm / Ref BW)	Results		
-2.716	0.3	-2.5	30	Pass		

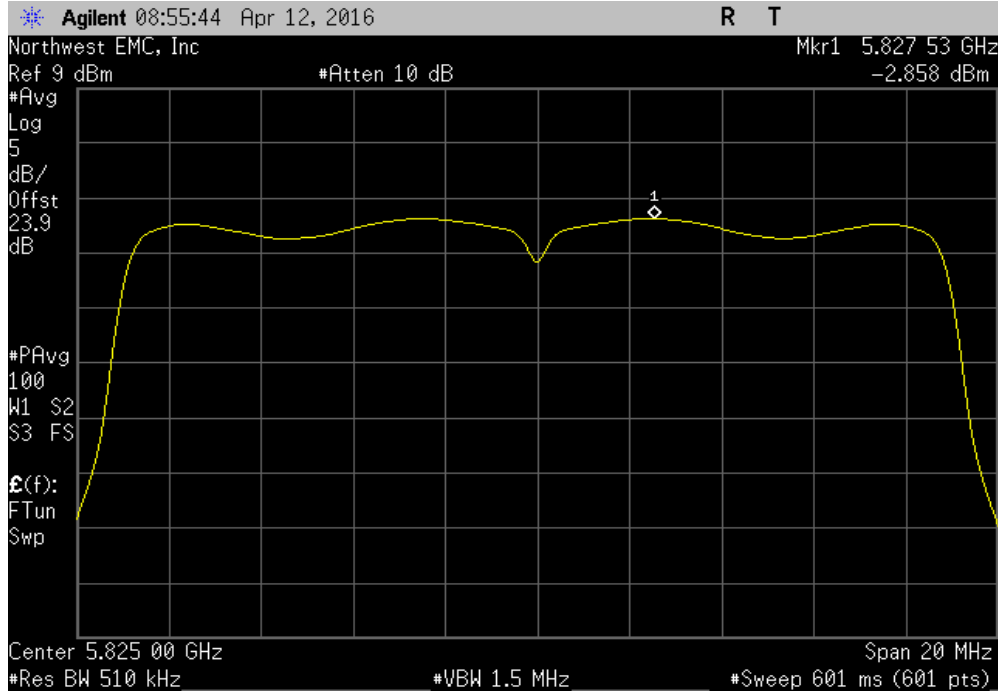


SISO, Chain B, 20MHz BW, High Channel, Ch 165 - 5825 MHz, 802.11(a) 54 Mbps						
Power (dBm/Ref BW)	Duty Cycle Factor (dB)	Density (dBm/Ref BW)	Limit (dBm / Ref BW)	Results		
-2.794	0.4	-2.4	30	Pass		

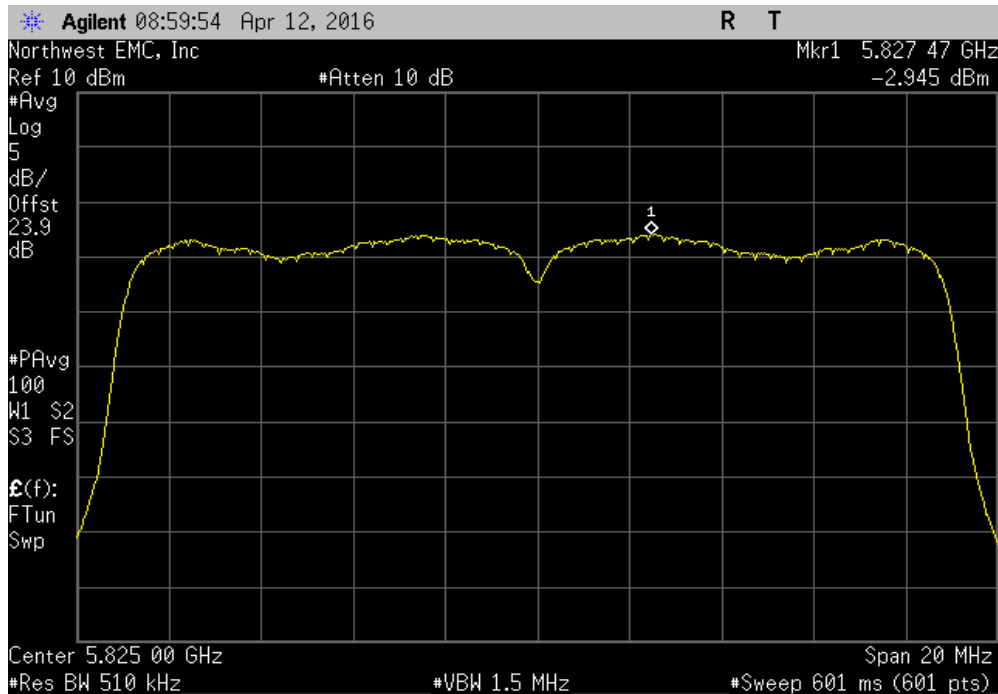


# MAXIMUM POWER SPECTRAL DENSITY

SISO, Chain B, 20MHz BW, High Channel, Ch 165 - 5825 MHz, 802.11(n) MCS0						
Power (dBm/Ref BW)	Duty Cycle Factor (dB)	Density (dBm/Ref BW)	Limit (dBm / Ref BW)	Results		
-2.858	0	-2.8	30	Pass		

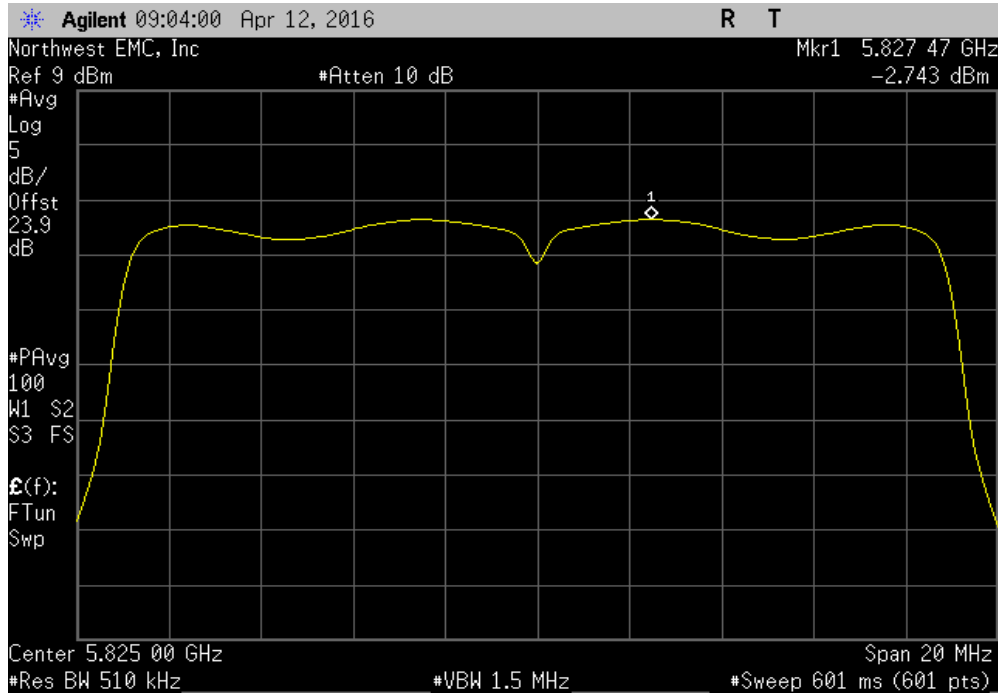


SISO, Chain B, 20MHz BW, High Channel, Ch 165 - 5825 MHz, 802.11(n) MCS7						
Power (dBm/Ref BW)	Duty Cycle Factor (dB)	Density (dBm/Ref BW)	Limit (dBm / Ref BW)	Results		
-2.945	0.4	-2.5	30	Pass		

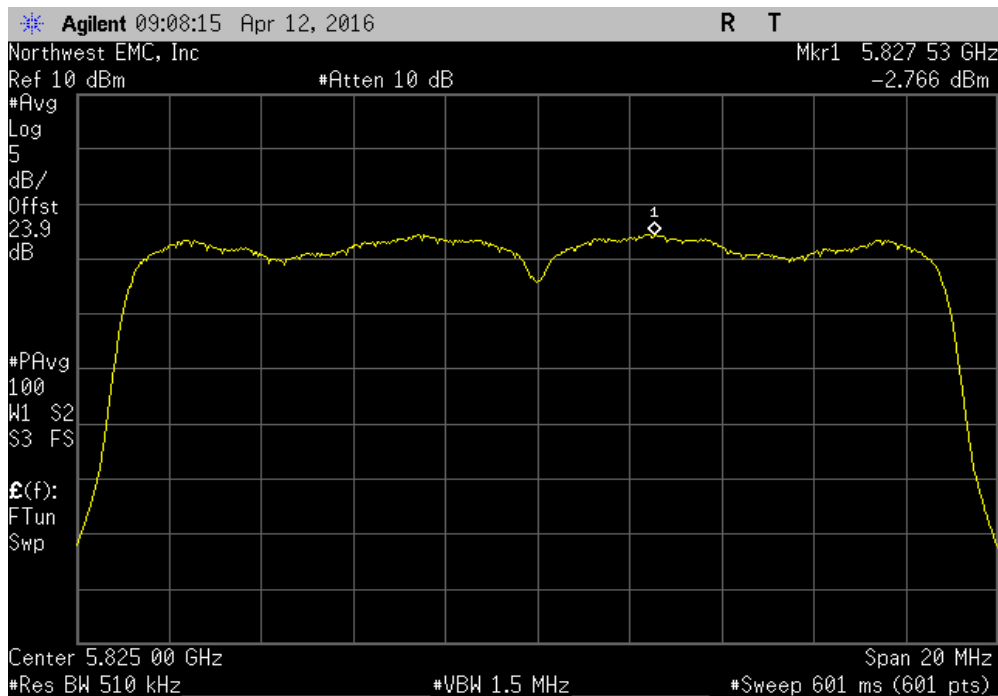


# MAXIMUM POWER SPECTRAL DENSITY

SISO, Chain B, 20MHz BW, High Channel, Ch 165 - 5825 MHz, 802.11(ac) MCS0						
Power (dBm/Ref BW)	Duty Cycle Factor (dB)	Density (dBm/Ref BW)	Limit (dBm / Ref BW)	Results		
-2.743	0	-2.7	30	Pass		

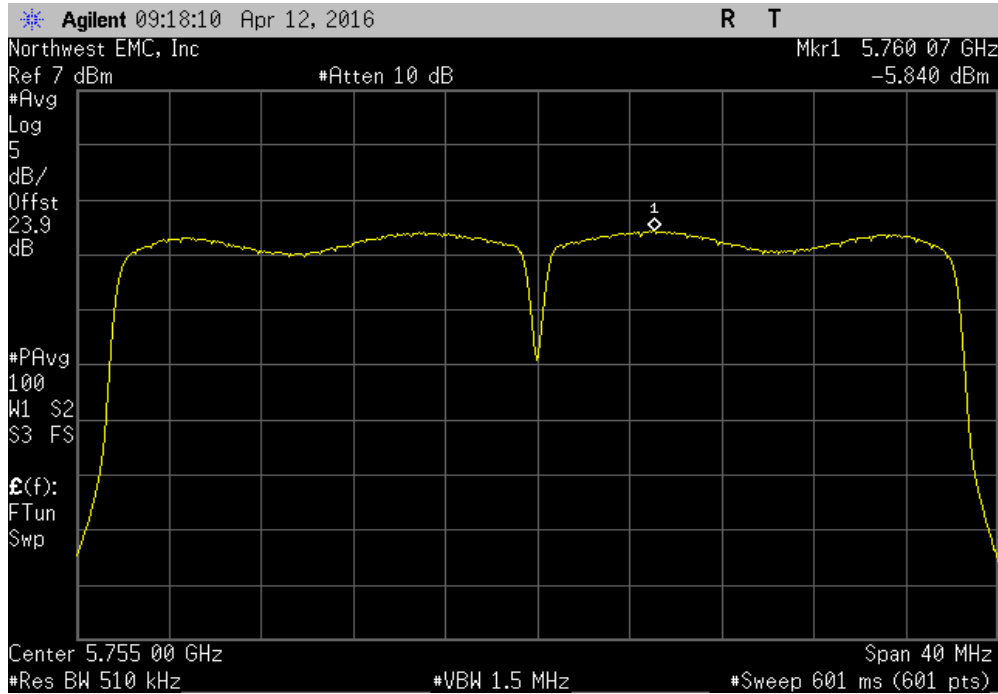


SISO, Chain B, 20MHz BW, High Channel, Ch 165 - 5825 MHz, 802.11(ac) MCS8						
Power (dBm/Ref BW)	Duty Cycle Factor (dB)	Density (dBm/Ref BW)	Limit (dBm / Ref BW)	Results		
-2.766	0.4	-2.4	30	Pass		

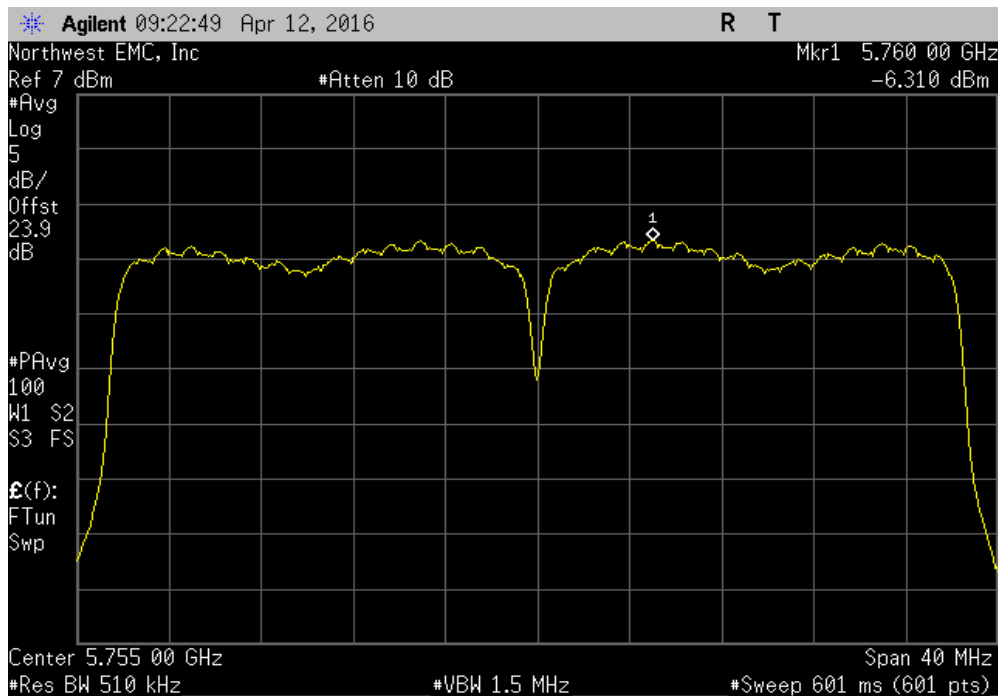


# MAXIMUM POWER SPECTRAL DENSITY

SISO, Chain B, 40MHz BW, Low Channel, Ch 149/153 - 5755 MHz, 802.11(n) MCS0						
Power (dBm/Ref BW)	Duty Cycle Factor (dB)	Density (dBm/Ref BW)	Limit (dBm / Ref BW)	Results		
-5.84	0.2	-5.7	30	Pass		



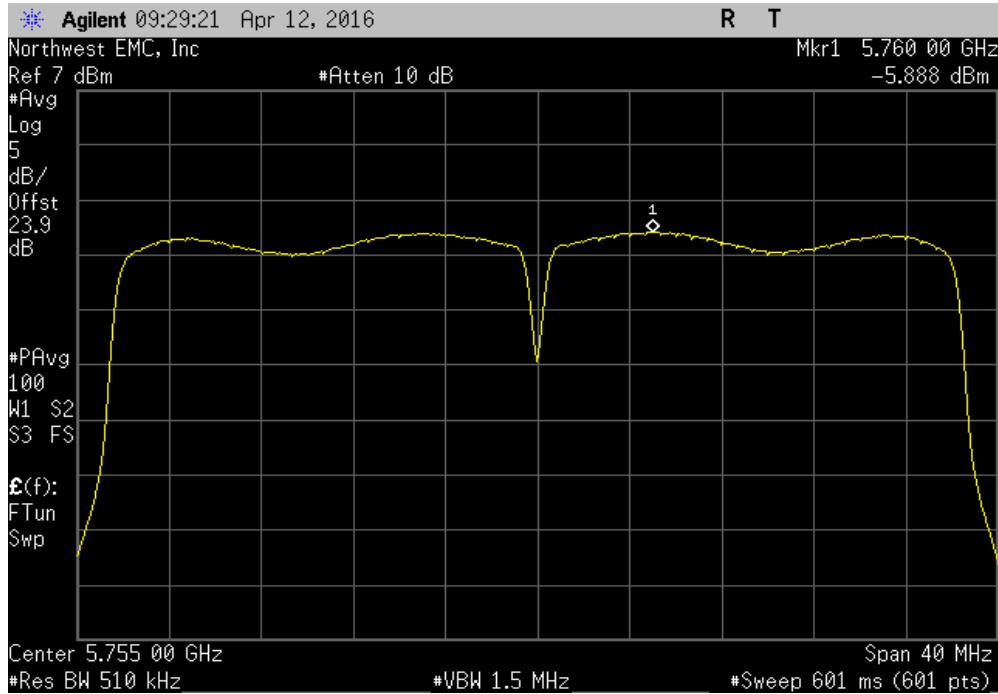
SISO, Chain B, 40MHz BW, Low Channel, Ch 149/153 - 5755 MHz, 802.11(n) MCS7						
Power (dBm/Ref BW)	Duty Cycle Factor (dB)	Density (dBm/Ref BW)	Limit (dBm / Ref BW)	Results		
-6.31	1.5	-4.8	30	Pass		



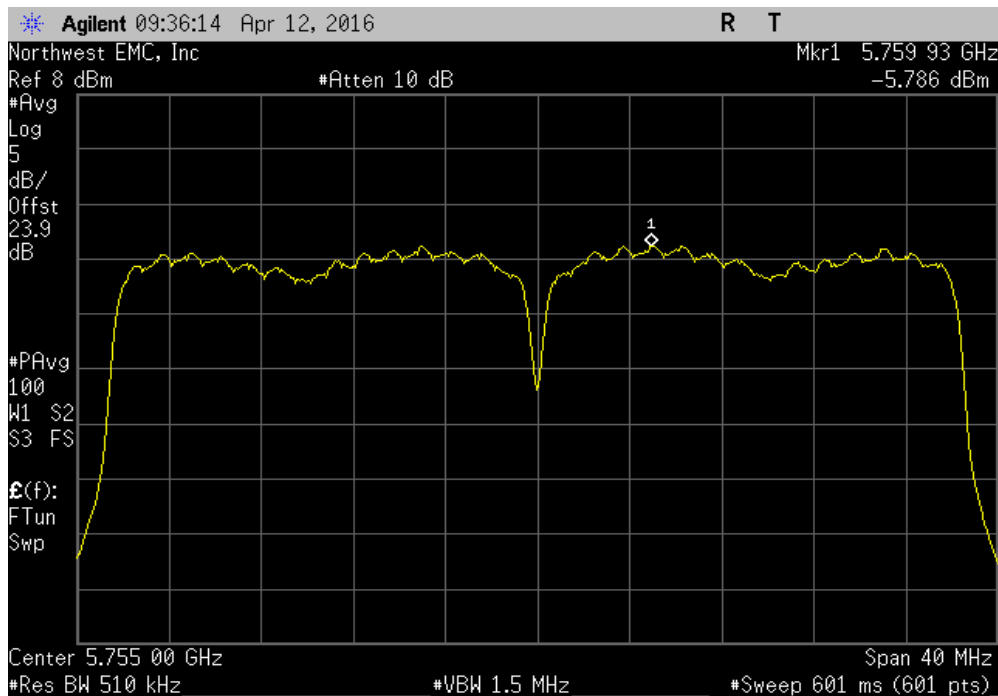


# MAXIMUM POWER SPECTRAL DENSITY

SISO, Chain B, 40MHz BW, Low Channel, Ch 149/153 - 5755 MHz, 802.11(ac) MCS0						
Power (dBm/Ref BW)	Duty Cycle Factor (dB)	Density (dBm/Ref BW)	Limit (dBm / Ref BW)	Results		
-5.888	0.2	-5.7	30	Pass		

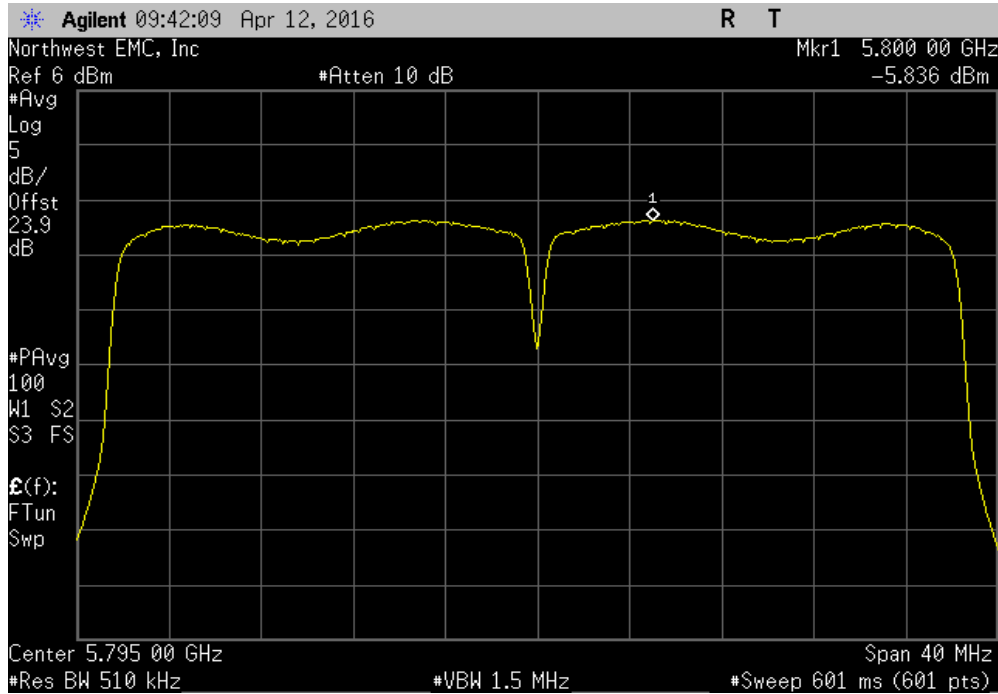


SISO, Chain B, 40MHz BW, Low Channel, Ch 149/153 - 5755 MHz, 802.11(ac) MCS9						
Power (dBm/Ref BW)	Duty Cycle Factor (dB)	Density (dBm/Ref BW)	Limit (dBm / Ref BW)	Results		
-5.786	1.6	-4.2	30	Pass		

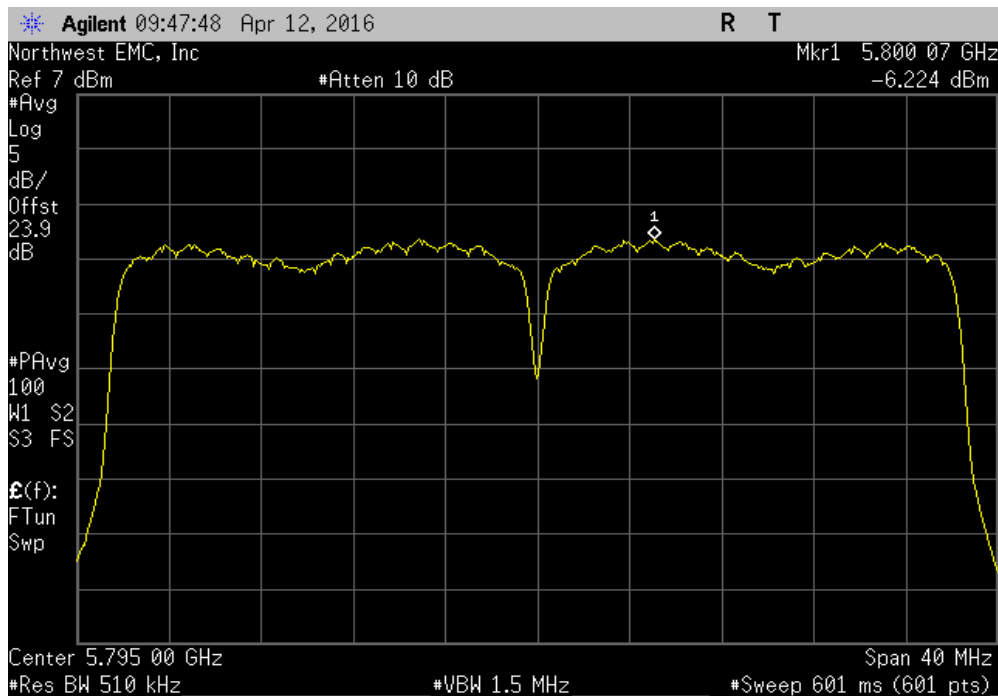


# MAXIMUM POWER SPECTRAL DENSITY

SISO, Chain B, 40MHz BW, High Channel, Ch 157/161 - 5795 MHz, 802.11(n) MCS0						
Power (dBm/Ref BW)	Duty Cycle Factor (dB)	Density (dBm/Ref BW)	Limit (dBm / Ref BW)	Results		
-5.836	0.2	-5.7	30	Pass		

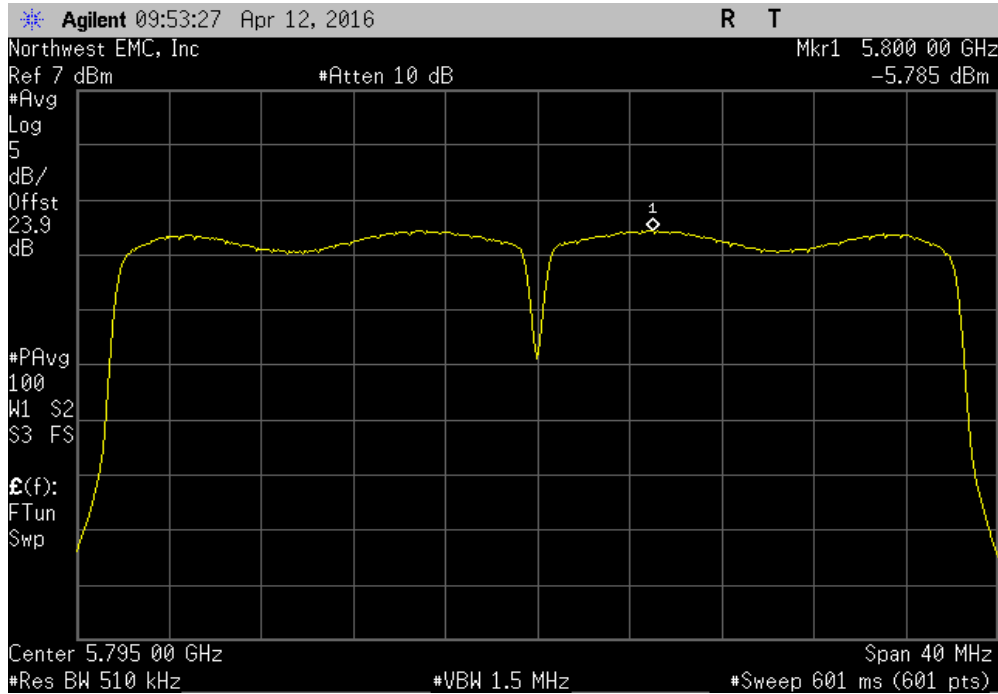


SISO, Chain B, 40MHz BW, High Channel, Ch 157/161 - 5795 MHz, 802.11(n) MCS7						
Power (dBm/Ref BW)	Duty Cycle Factor (dB)	Density (dBm/Ref BW)	Limit (dBm / Ref BW)	Results		
-6.224	1.5	-4.7	30	Pass		

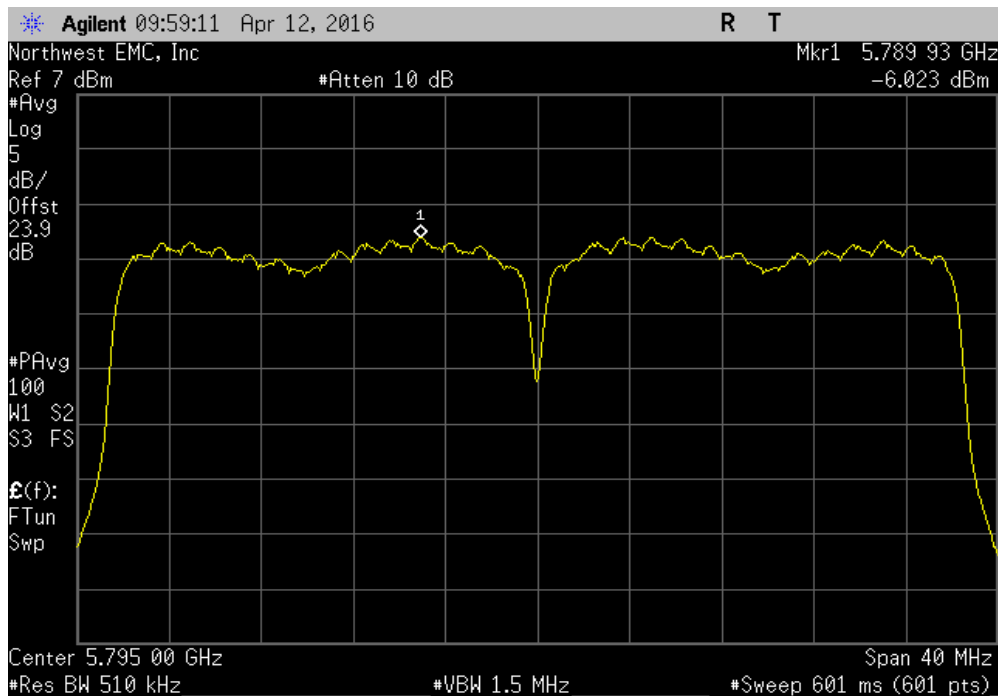


# MAXIMUM POWER SPECTRAL DENSITY

SISO, Chain B, 40MHz BW, High Channel, Ch 157/161 - 5795 MHz, 802.11(ac) MCS0						
Power (dBm/Ref BW)	Duty Cycle Factor (dB)	Density (dBm/Ref BW)	Limit (dBm / Ref BW)	Results		
-5.785	0.2	-5.6	30	Pass		

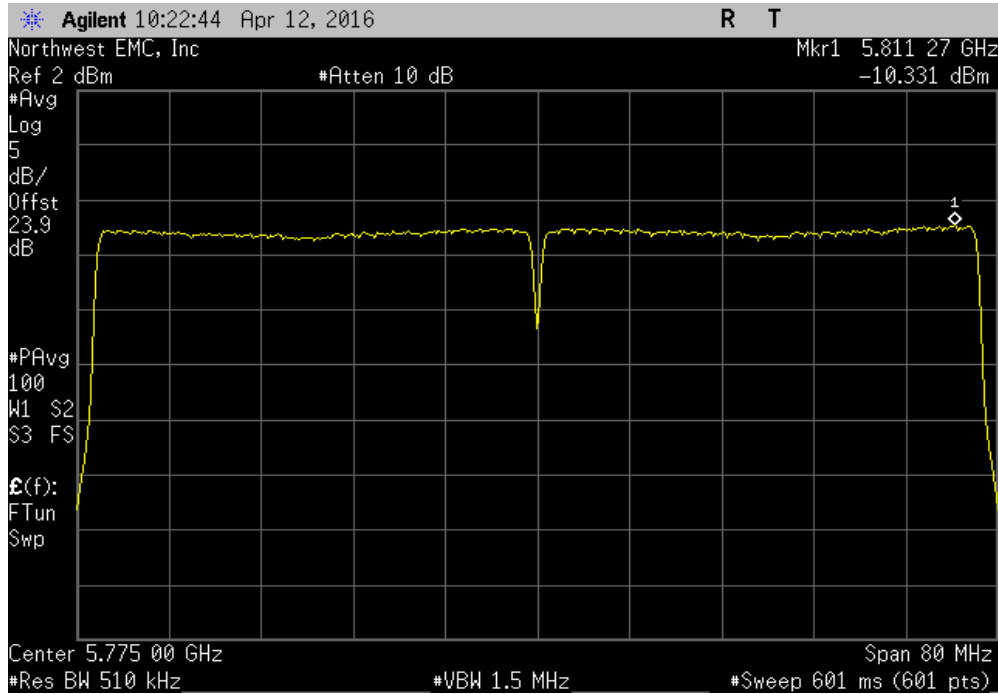


SISO, Chain B, 40MHz BW, High Channel, Ch 157/161 - 5795 MHz, 802.11(ac) MCS9						
Power (dBm/Ref BW)	Duty Cycle Factor (dB)	Density (dBm/Ref BW)	Limit (dBm / Ref BW)	Results		
-6.023	1.7	-4.4	30	Pass		

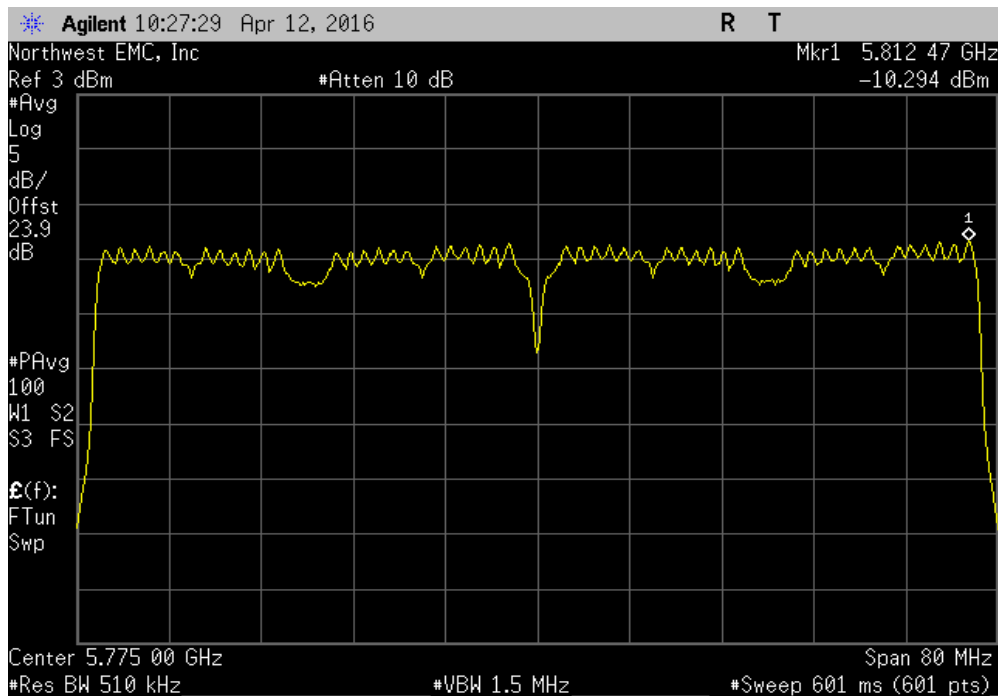


# MAXIMUM POWER SPECTRAL DENSITY

SISO, Chain B, 80MHz BW, Mid Channel, Ch 149/161 - 5775 MHz, 802.11(ac) MCS0						
Power (dBm/Ref BW)	Duty Cycle Factor (dB)	Density (dBm/Ref BW)	Limit (dBm / Ref BW)	Results		
-10.331	0.2	-10.1	30	Pass		



SISO, Chain B, 80MHz BW, Mid Channel, Ch 149/161 - 5775 MHz, 802.11(ac) MCS9						
Power (dBm/Ref BW)	Duty Cycle Factor (dB)	Density (dBm/Ref BW)	Limit (dBm / Ref BW)	Results		
-10.294	1.9	-8.4	30	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
Attenuator	Fairview Microwave	SA4014-20	TKV	3/4/2016	12
Block - DC	Fairview Microwave	SD3379	AMJ	6/6/2015	12
Cable	ESM Cable Corp.	TTBJ-141 KMKM-72	NC5	6/6/2015	12
Generator - Signal	Agilent	N5183A	TIA	4/6/2016	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

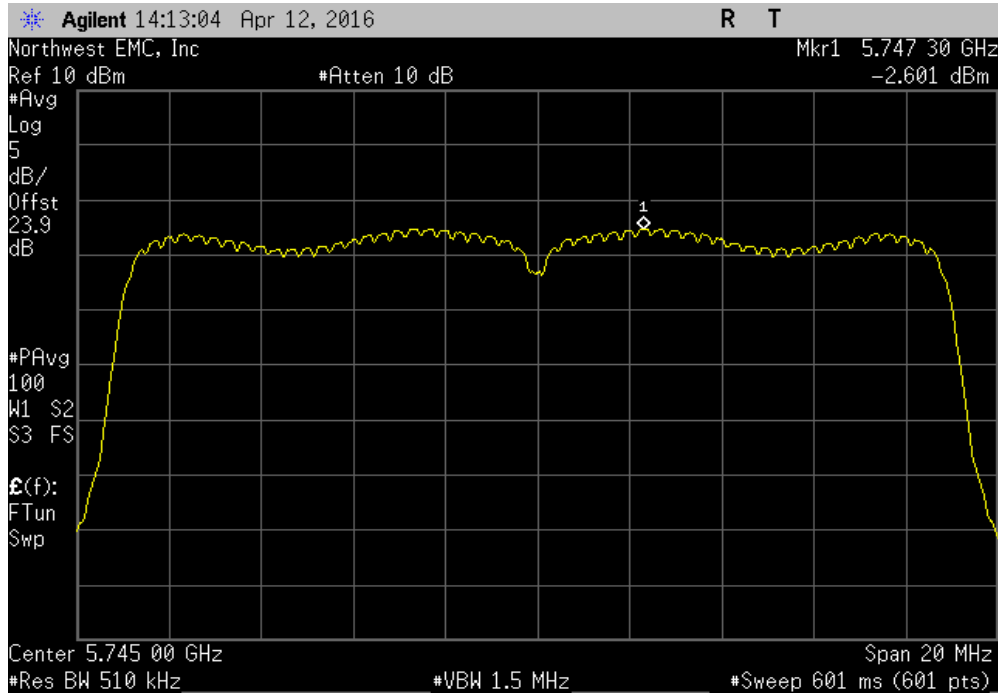


XMT 2015.01.14

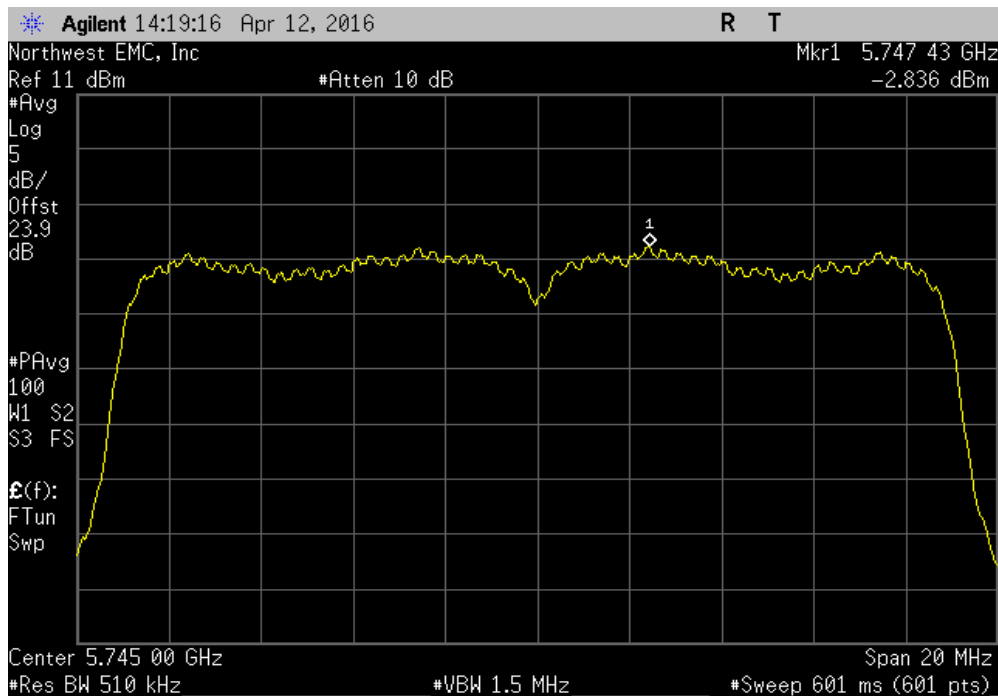
EUT: Model 1631		Work Order: MCSO1748					
Serial Number: 041152140753		Date: 04/13/16					
Customer: Microsoft Corporation		Temperature: 23°C					
Attendees: None		Humidity: 33%					
Project: None		Barometric Pres.: 1019 mbar					
Tested by: Richard Mellroth		Power: 110VAC/60Hz					
		Job Site: NC02					
TEST SPECIFICATIONS		Test Method					
FCC 15.407:2016		ANSI C63.10:2013					
COMMENTS							
Power setting at 11dBm for 20MHz and 40MHz channels. Power Setting at 10dBm for 80MHz channels. Client supplied adapter cable loss of 1.3dB included in reference level offset. Signal setting at > 95% Duty Cycle.							
DEVIATIONS FROM TEST STANDARD							
None							
Configuration #	1	Signature					
		Power (dBm/Ref BW)	Duty Cycle Factor (dB)	Summing Factor (dB)	Density (dBm/Ref BW)	Limit ≤ (dBm / Ref BW)	Results
2x2 MIMO, Chain A							
20MHz BW							
Low Channel, Ch 149 - 5745 MHz							
	802.11(n) MCS8	-2.601	0.1	3.0	0.5	30	Pass
	802.11(n) MCS15	-2.836	0.7	3.0	0.9	30	Pass
	802.11(ac) MCS0	-2.582	0.1	3.0	0.5	30	Pass
	802.11(ac) MCS8	-2.983	0.7	3.0	0.7	30	Pass
Mid Channel, Ch 157 - 5785 MHz							
	802.11(n) MCS8	-2.534	0.1	3.0	0.6	30	Pass
	802.11(n) MCS15	-2.877	0.7	3.0	0.8	30	Pass
	802.11(ac) MCS0	-2.465	0.1	3.0	0.6	30	Pass
	802.11(ac) MCS8	-2.882	0.7	3.0	0.8	30	Pass
High Channel, Ch 165 - 5825 MHz							
	802.11(n) MCS8	-2.424	0.1	3.0	0.7	30	Pass
	802.11(n) MCS15	-2.518	0.7	3.0	1.2	30	Pass
	802.11(ac) MCS0	-2.606	0.1	3.0	0.5	30	Pass
	802.11(ac) MCS8	-2.475	0.7	3.0	1.2	30	Pass
40MHz BW							
Low Channel, Ch 149/153 - 5755 MHz							
	802.11(n) MCS8	-5.908	0.2	3.0	-2.7	30	Pass
	802.11(n) MCS15	-7.051	1.5	3.0	-2.5	30	Pass
	802.11(ac) MCS0	-5.941	0.3	3.0	-2.6	30	Pass
	802.11(ac) MCS9	-6.72	1.2	3.0	-2.5	30	Pass
High Channel, Ch 157/161 - 5795 MHz							
	802.11(n) MCS8	-5.985	0.3	3.0	-2.7	30	Pass
	802.11(n) MCS15	-6.876	1.5	3.0	-2.4	30	Pass
	802.11(ac) MCS0	-5.913	0.3	3.0	-2.6	30	Pass
	802.11(ac) MCS9	-6.32	2.5	3.0	-0.8	30	Pass
80MHz BW							
Mid Channel, Ch 149/161 - 5775 MHz							
	802.11(ac) MCS0	-11.77	0.6	3.0	-8.2	30	Pass
	802.11(ac) MCS9	-11.482	2.8	3.0	-5.7	30	Pass
2x2 MIMO, Chain B							
20MHz BW							
Low Channel, Ch 149 - 5745 MHz							
	802.11(n) MCS8	-2.768	0.1	3.0	0.3	30	Pass
	802.11(n) MCS15	-3.04	0.8	3.0	0.8	30	Pass
	802.11(ac) MCS0	-3.162	0.1	3.0	-0.1	30	Pass
	802.11(ac) MCS8	-2.99	0.7	3.0	0.7	30	Pass
Mid Channel, Ch 157 - 5785 MHz							
	802.11(n) MCS8	-2.739	0.1	3.0	0.4	30	Pass
	802.11(n) MCS15	-3.011	0.8	3.0	0.8	30	Pass
	802.11(ac) MCS0	-2.648	0.1	3.0	0.5	30	Pass
	802.11(ac) MCS8	-2.846	0.7	3.0	0.9	30	Pass
High Channel, Ch 165 - 5825 MHz							
	802.11(n) MCS8	-2.692	0.1	3.0	0.4	30	Pass
	802.11(n) MCS15	-2.883	0.8	3.0	0.9	30	Pass
	802.11(ac) MCS0	-2.563	0.1	3.0	0.5	30	Pass
	802.11(ac) MCS8	-2.84	0.7	3.0	0.9	30	Pass
40MHz BW							
Low Channel, Ch 149/153 - 5755 MHz							
	802.11(n) MCS8	-6.46	0.3	3.0	-3.1	30	Pass
	802.11(n) MCS15	-6.806	2.4	3.0	-1.4	30	Pass
	802.11(ac) MCS0	-5.985	0.3	3.0	-2.7	30	Pass
	802.11(ac) MCS9	-6.235	1.1	3.0	-2.1	30	Pass
High Channel, Ch 157/161 - 5795 MHz							
	802.11(n) MCS8	-6.337	0.3	3.0	-3.0	30	Pass
	802.11(n) MCS15	-6.723	2.4	3.0	-1.3	30	Pass
	802.11(ac) MCS0	-6.009	0.3	3.0	-2.7	30	Pass
	802.11(ac) MCS9	-6.416	2.5	3.0	-0.9	30	Pass
80MHz BW							
Mid Channel, Ch 149/161 - 5775 MHz							
	802.11(ac) MCS0	-11.495	0.6	3.0	-7.9	30	Pass
	802.11(ac) MCS9	-11.092	1.5	3.0	-6.6	30	Pass

# MAXIMUM POWER SPECTRAL DENSITY

2x2 MIMO, Chain A, 20MHz BW, Low Channel, Ch 149 - 5745 MHz, 802.11(n) MCS8						
Power (dBm/Ref BW)	Duty Cycle Factor (dB)	Summing Factor (dB)	Density (dBm/Ref BW)	Limit (dBm / Ref BW)	Results	
-2.601	0.1	3.0	0.5	30	Pass	

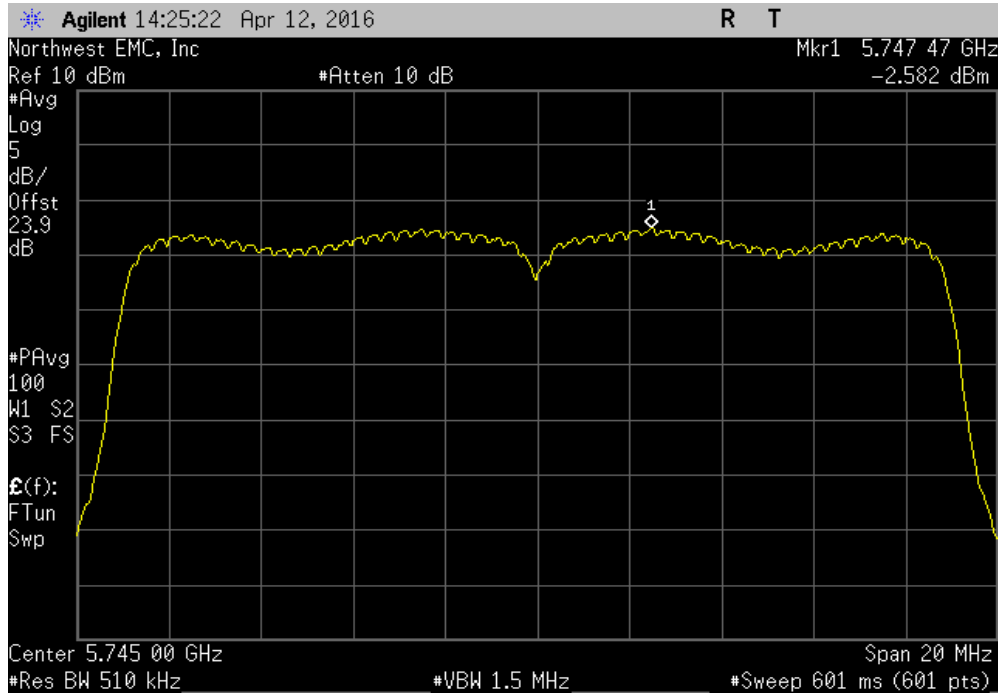


2x2 MIMO, Chain A, 20MHz BW, Low Channel, Ch 149 - 5745 MHz, 802.11(n) MCS15						
Power (dBm/Ref BW)	Duty Cycle Factor (dB)	Summing Factor (dB)	Density (dBm/Ref BW)	Limit (dBm / Ref BW)	Results	
-2.836	0.7	3.0	0.9	30	Pass	

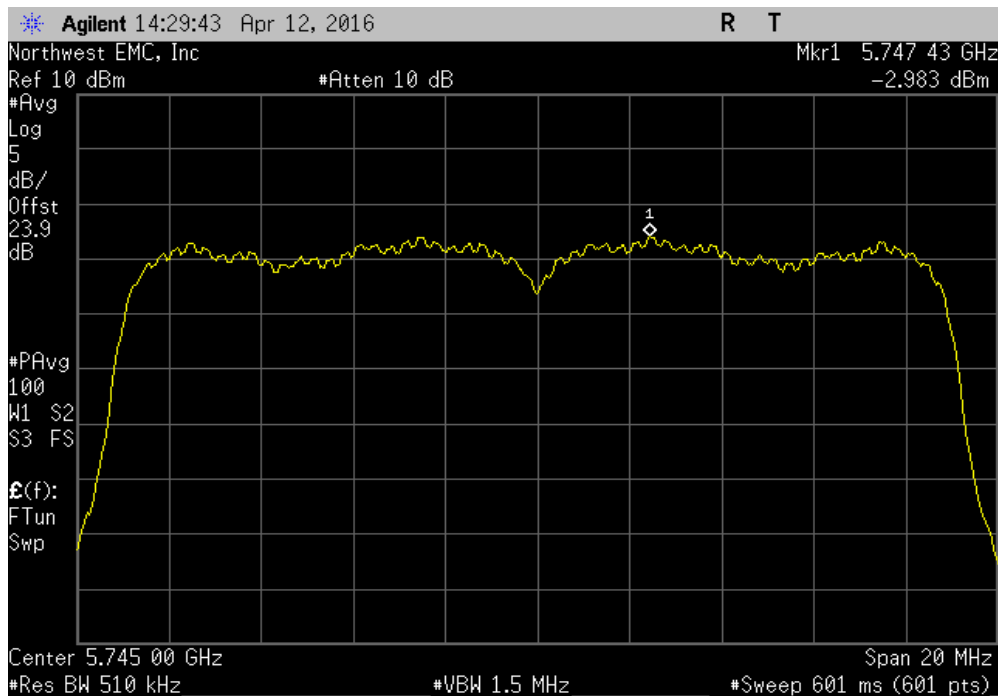


# MAXIMUM POWER SPECTRAL DENSITY

2x2 MIMO, Chain A, 20MHz BW, Low Channel, Ch 149 - 5745 MHz, 802.11(ac) MCS0						
Power (dBm/Ref BW)	Duty Cycle Factor (dB)	Summing Factor (dB)	Density (dBm/Ref BW)	Limit (dBm / Ref BW)	Results	
-2.582	0.1	3.0	0.5	30	Pass	



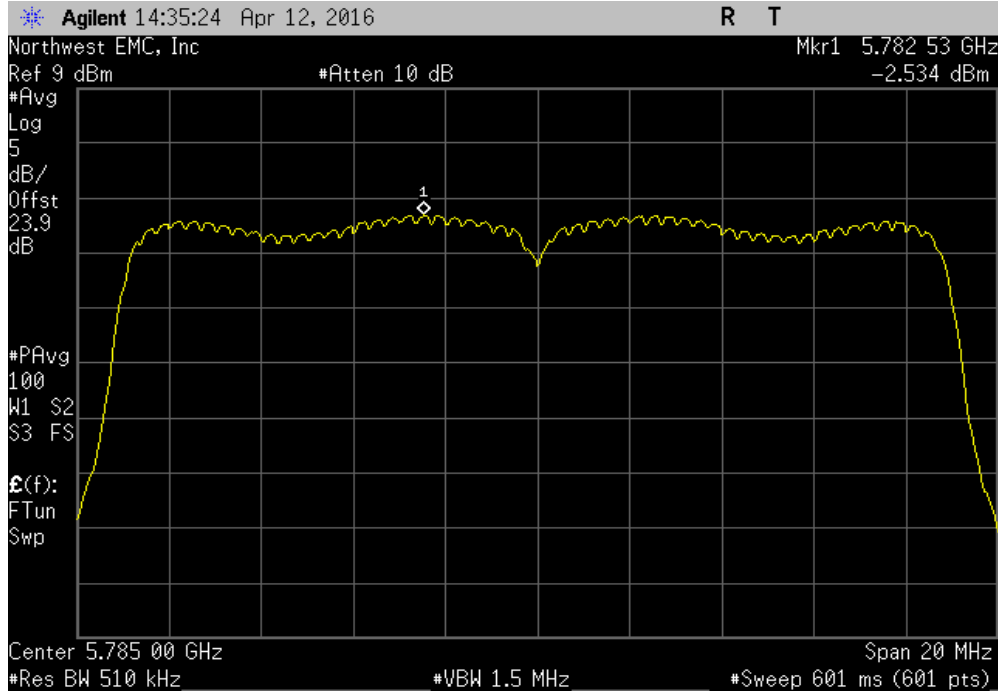
2x2 MIMO, Chain A, 20MHz BW, Low Channel, Ch 149 - 5745 MHz, 802.11(ac) MCS8						
Power (dBm/Ref BW)	Duty Cycle Factor (dB)	Summing Factor (dB)	Density (dBm/Ref BW)	Limit (dBm / Ref BW)	Results	
-2.983	0.7	3.0	0.7	30	Pass	



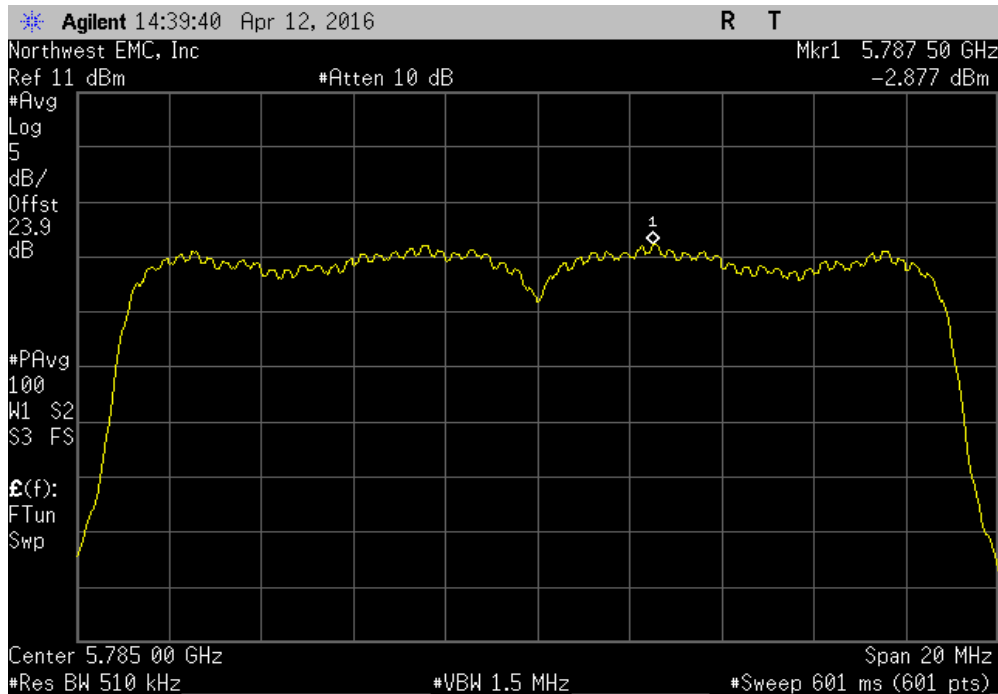


# MAXIMUM POWER SPECTRAL DENSITY

2x2 MIMO, Chain A, 20MHz BW, Mid Channel, Ch 157 - 5785 MHz, 802.11(n) MCS8						
Power (dBm/Ref BW)	Duty Cycle Factor (dB)	Summing Factor (dB)	Density (dBm/Ref BW)	Limit (dBm / Ref BW)	Results	
-2.534	0.1	3.0	0.6	30	Pass	

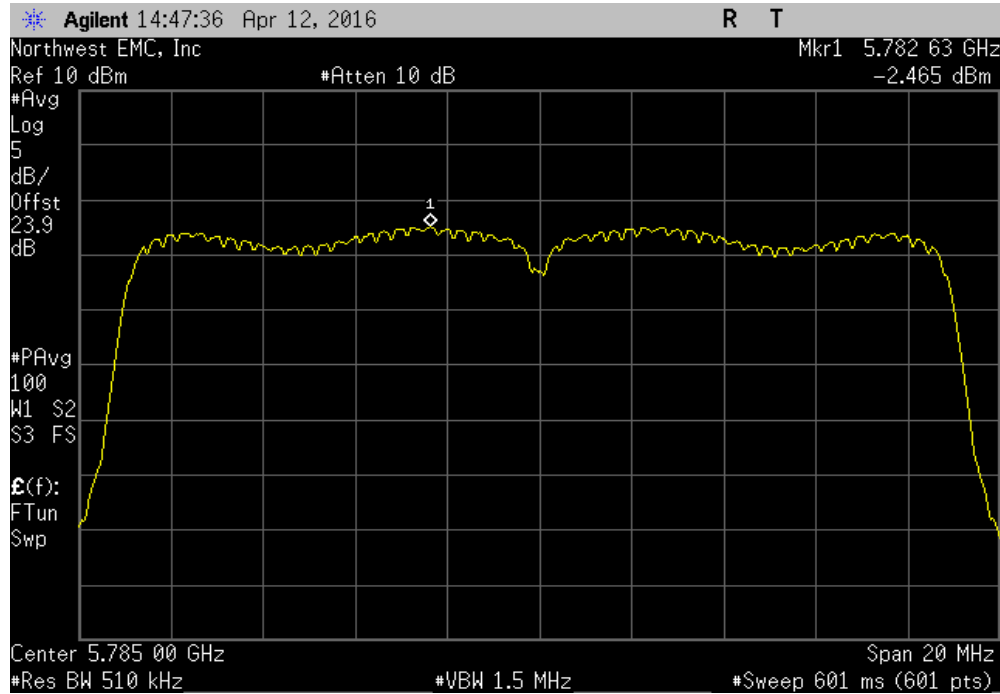


2x2 MIMO, Chain A, 20MHz BW, Mid Channel, Ch 157 - 5785 MHz, 802.11(n) MCS15						
Power (dBm/Ref BW)	Duty Cycle Factor (dB)	Summing Factor (dB)	Density (dBm/Ref BW)	Limit (dBm / Ref BW)	Results	
-2.877	0.7	3.0	0.8	30	Pass	

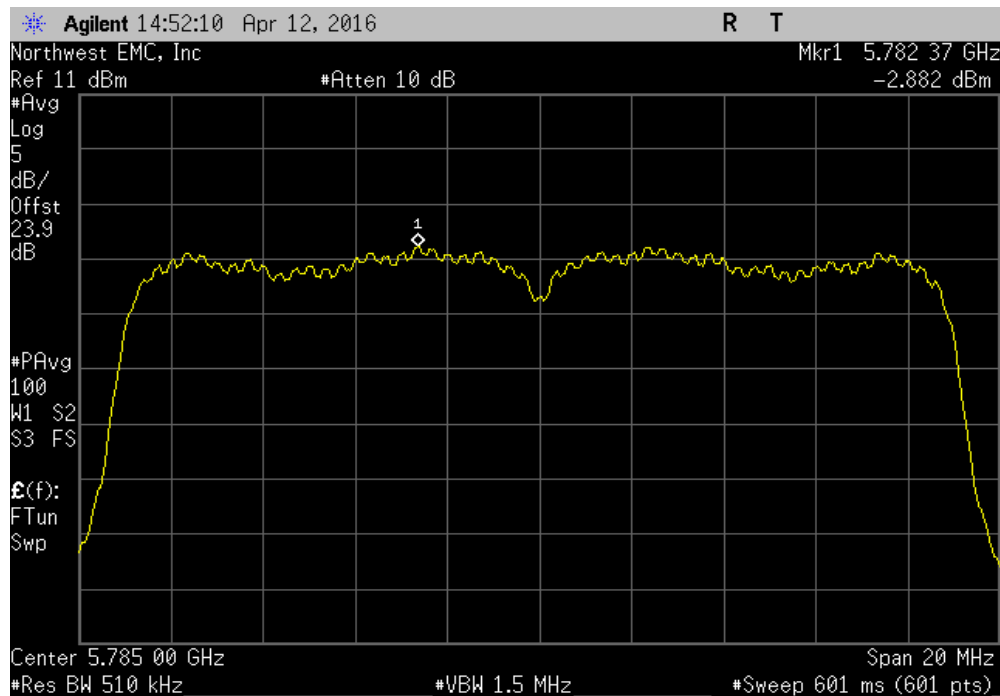


# MAXIMUM POWER SPECTRAL DENSITY

2x2 MIMO, Chain A, 20MHz BW, Mid Channel, Ch 157 - 5785 MHz, 802.11(ac) MCS0						
Power (dBm/Ref BW)	Duty Cycle Factor (dB)	Summing Factor (dB)	Density (dBm/Ref BW)	Limit (dBm / Ref BW)	Results	
-2.465	0.1	3.0	0.6	30	Pass	

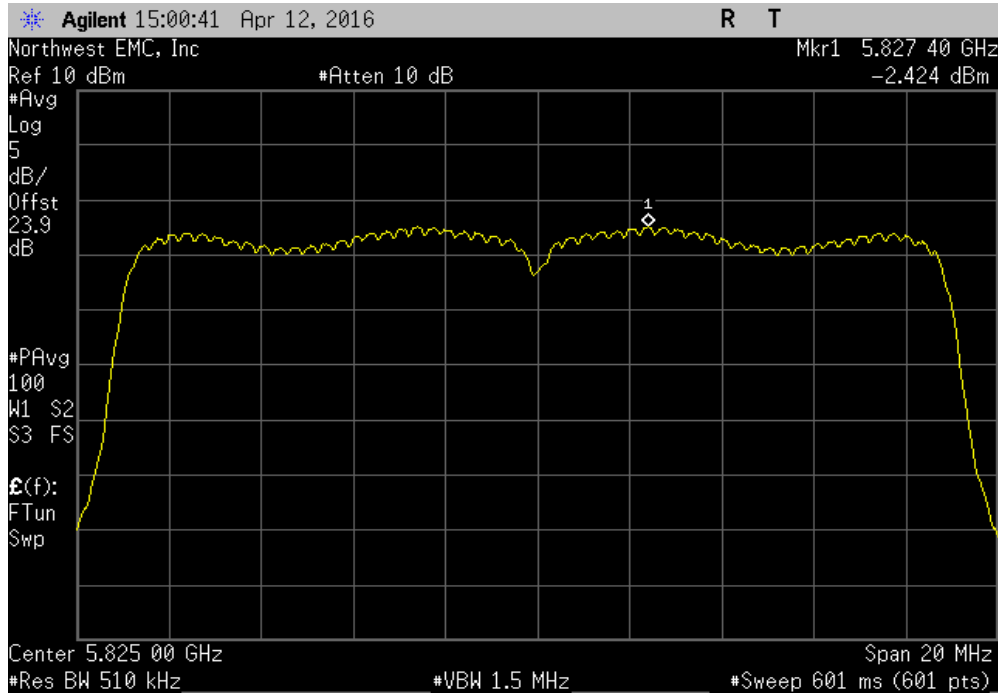


2x2 MIMO, Chain A, 20MHz BW, Mid Channel, Ch 157 - 5785 MHz, 802.11(ac) MCS8						
Power (dBm/Ref BW)	Duty Cycle Factor (dB)	Summing Factor (dB)	Density (dBm/Ref BW)	Limit (dBm / Ref BW)	Results	
-2.882	0.7	3.0	0.8	30	Pass	

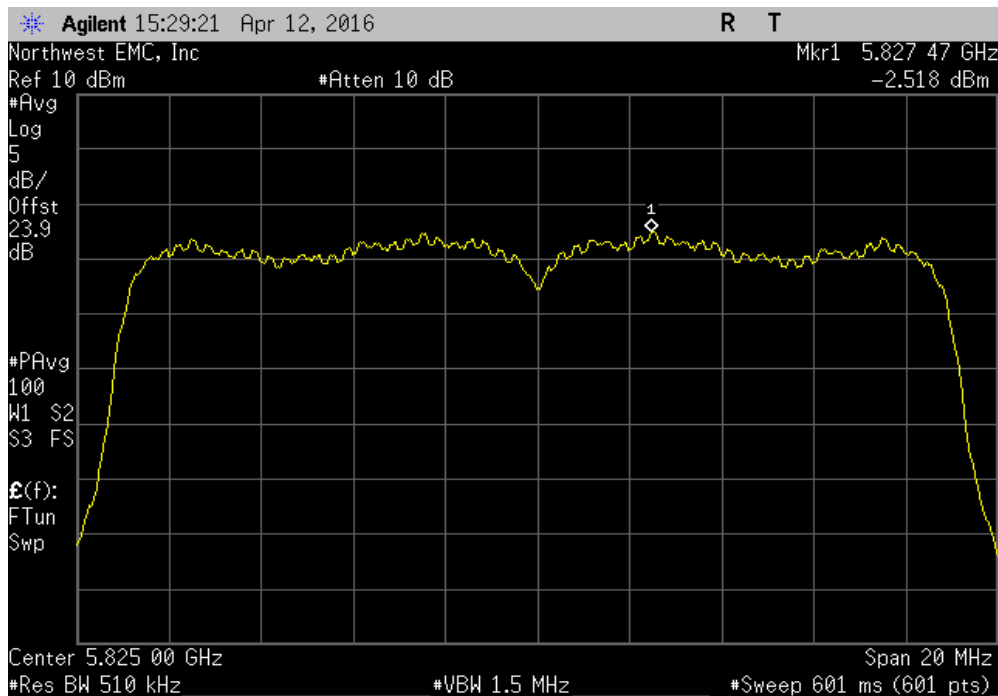


# MAXIMUM POWER SPECTRAL DENSITY

2x2 MIMO, Chain A, 20MHz BW, High Channel, Ch 165 - 5825 MHz, 802.11(n) MCS8						
Power (dBm/Ref BW)	Duty Cycle Factor (dB)	Summing Factor (dB)	Density (dBm/Ref BW)	Limit dBm / Ref BW	Results	
-2.424	0.1	3.0	0.7	30	Pass	

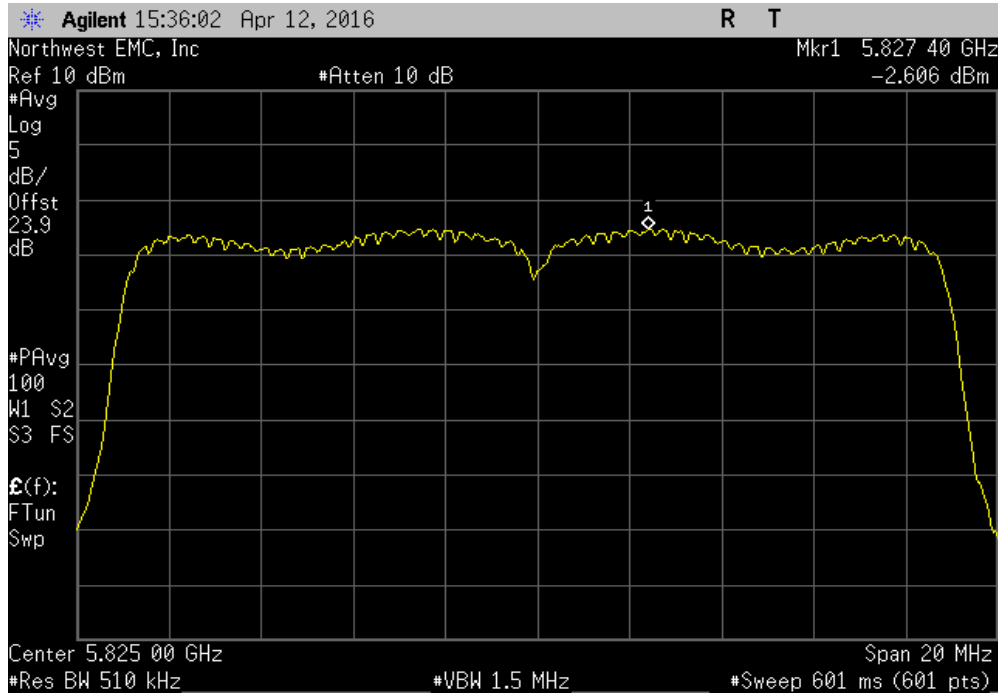


2x2 MIMO, Chain A, 20MHz BW, High Channel, Ch 165 - 5825 MHz, 802.11(n) MCS15						
Power (dBm/Ref BW)	Duty Cycle Factor (dB)	Summing Factor (dB)	Density (dBm/Ref BW)	Limit dBm / Ref BW	Results	
-2.518	0.7	3.0	1.2	30	Pass	

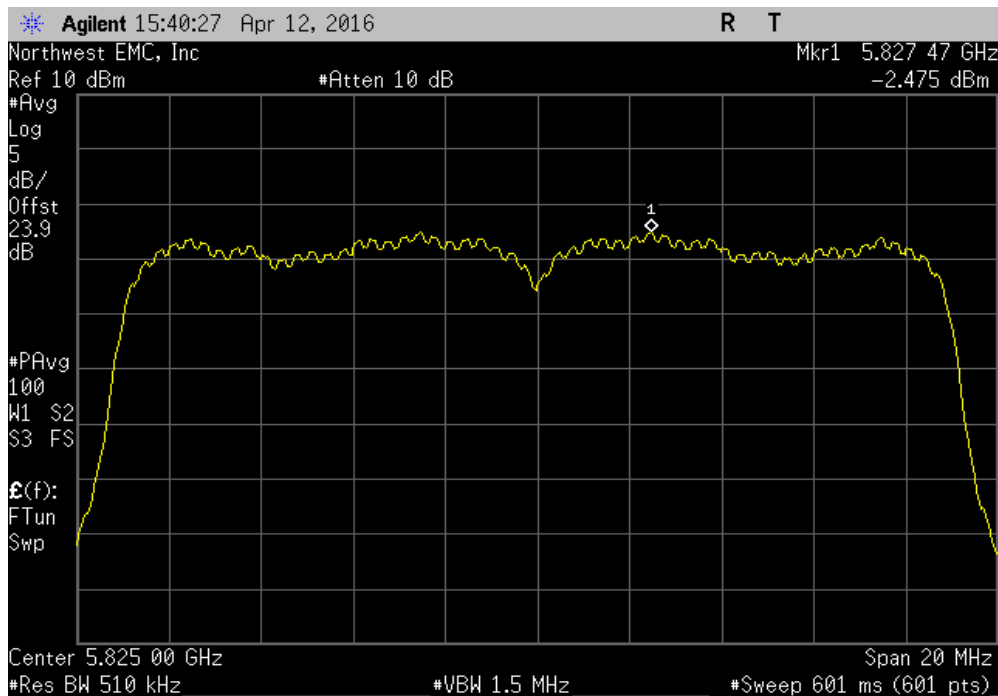


# MAXIMUM POWER SPECTRAL DENSITY

2x2 MIMO, Chain A, 20MHz BW, High Channel, Ch 165 - 5825 MHz, 802.11(ac) MCS0						
Power (dBm/Ref BW)	Duty Cycle Factor (dB)	Summing Factor (dB)	Density (dBm/Ref BW)	Limit (dBm / Ref BW)	Results	
-2.606	0.1	3.0	0.5	30	Pass	

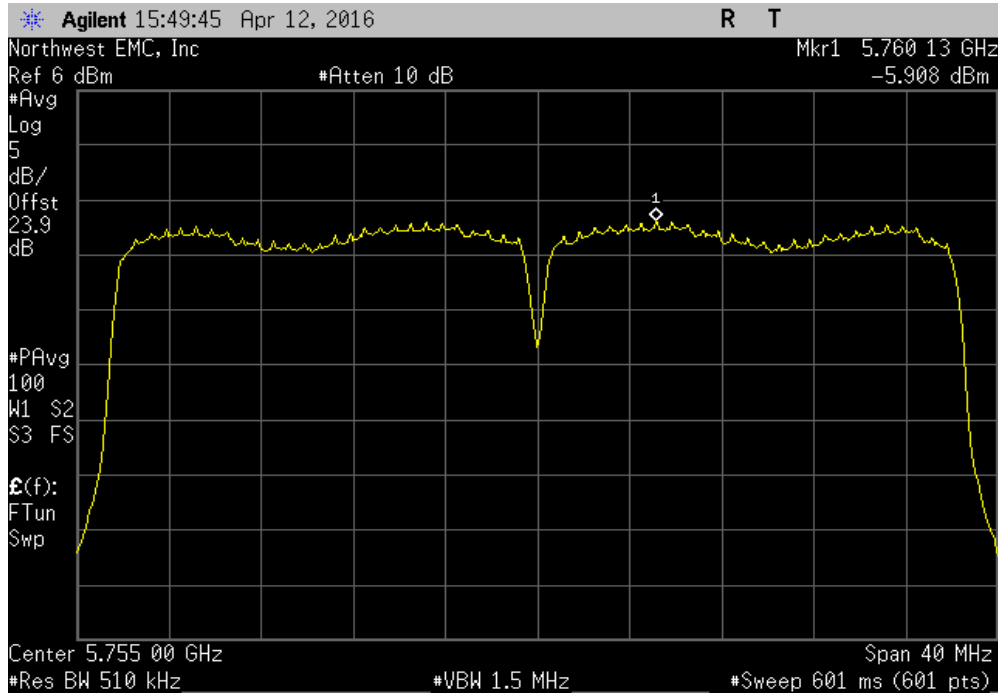


2x2 MIMO, Chain A, 20MHz BW, High Channel, Ch 165 - 5825 MHz, 802.11(ac) MCS8						
Power (dBm/Ref BW)	Duty Cycle Factor (dB)	Summing Factor (dB)	Density (dBm/Ref BW)	Limit (dBm / Ref BW)	Results	
-2.475	0.7	3.0	1.2	30	Pass	

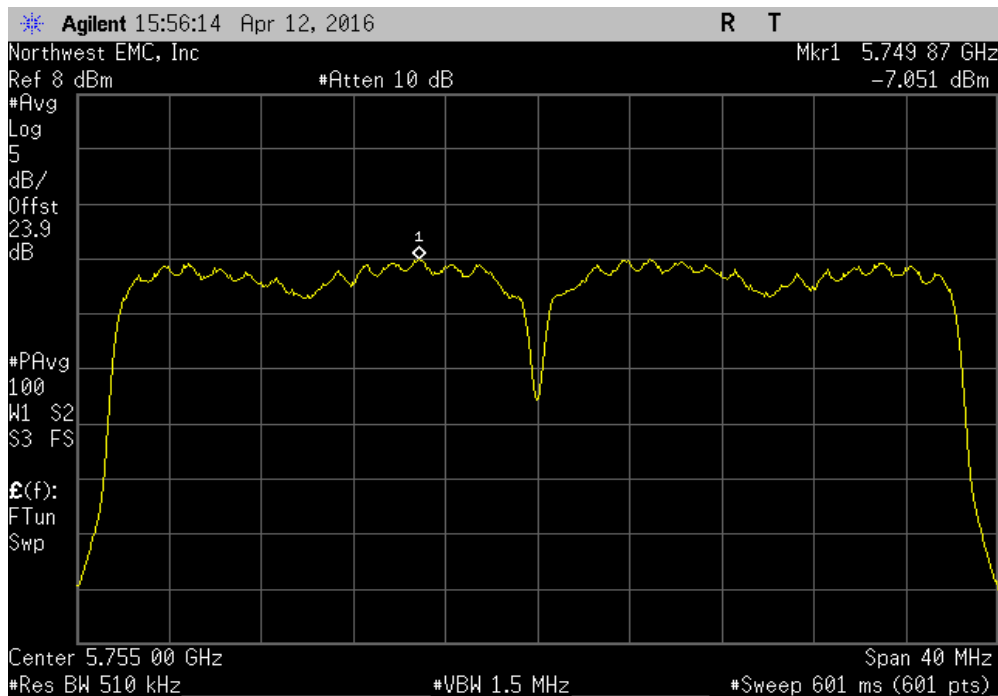


# MAXIMUM POWER SPECTRAL DENSITY

2x2 MIMO, Chain A, 40MHz BW, Low Channel, Ch 149/153 - 5755 MHz, 802.11(n) MCS8						
Power (dBm/Ref BW)	Duty Cycle Factor (dB)	Summing Factor (dB)	Density (dBm/Ref BW)	Limit (dBm / Ref BW)	Results	
-5.908	0.2	3.0	-2.7	30	Pass	

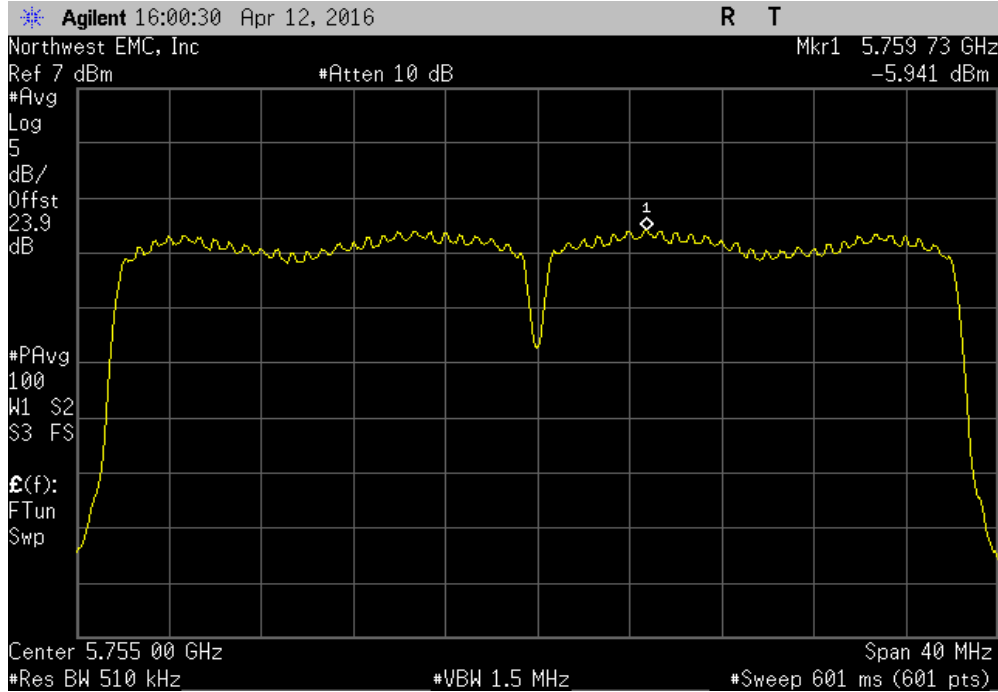


2x2 MIMO, Chain A, 40MHz BW, Low Channel, Ch 149/153 - 5755 MHz, 802.11(n) MCS15						
Power (dBm/Ref BW)	Duty Cycle Factor (dB)	Summing Factor (dB)	Density (dBm/Ref BW)	Limit (dBm / Ref BW)	Results	
-7.051	1.5	3.0	-2.5	30	Pass	

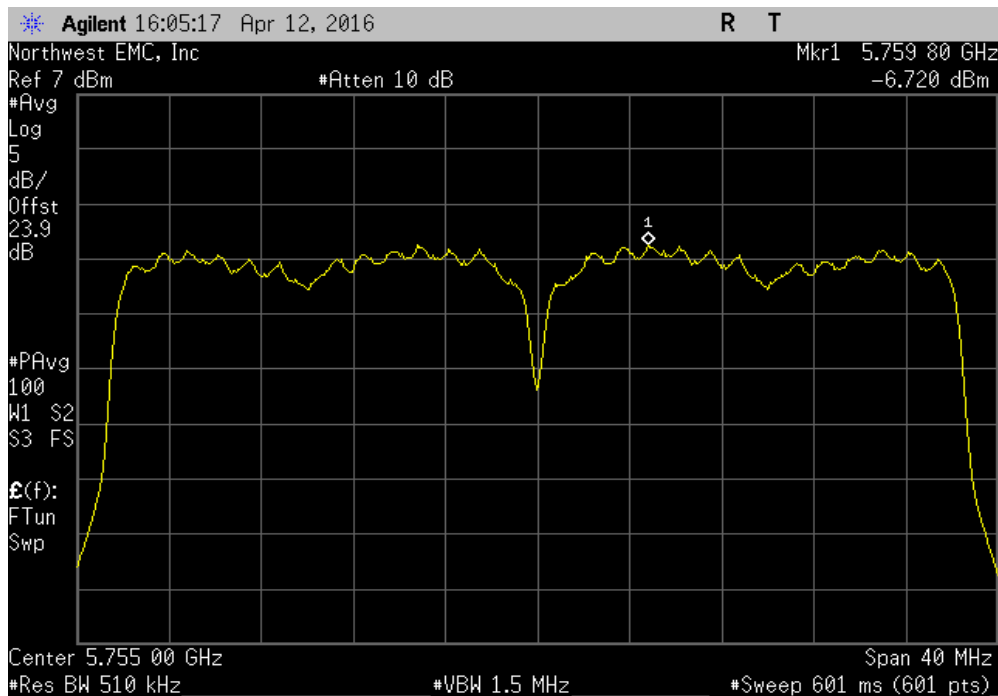


# MAXIMUM POWER SPECTRAL DENSITY

2x2 MIMO, Chain A, 40MHz BW, Low Channel, Ch 149/153 - 5755 MHz, 802.11(ac) MCS0						
Power (dBm/Ref BW)	Duty Cycle Factor (dB)	Summing Factor (dB)	Density (dBm/Ref BW)	Limit (dBm / Ref BW)	Results	
-5.941	0.3	3.0	-2.6	30	Pass	

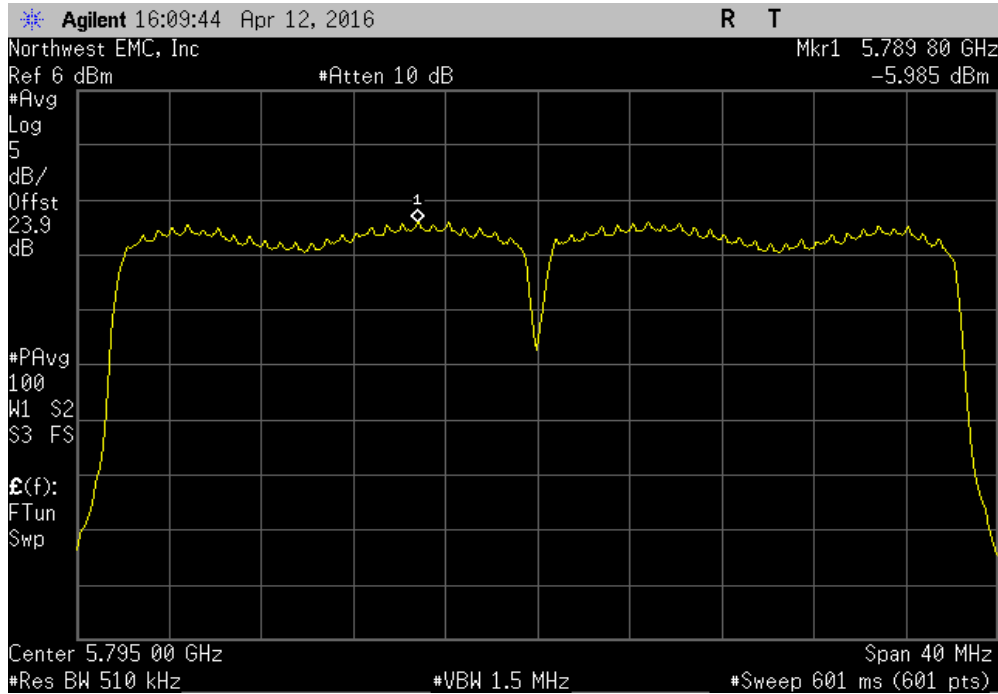


2x2 MIMO, Chain A, 40MHz BW, Low Channel, Ch 149/153 - 5755 MHz, 802.11(ac) MCS9						
Power (dBm/Ref BW)	Duty Cycle Factor (dB)	Summing Factor (dB)	Density (dBm/Ref BW)	Limit (dBm / Ref BW)	Results	
-6.72	1.2	3.0	-2.5	30	Pass	

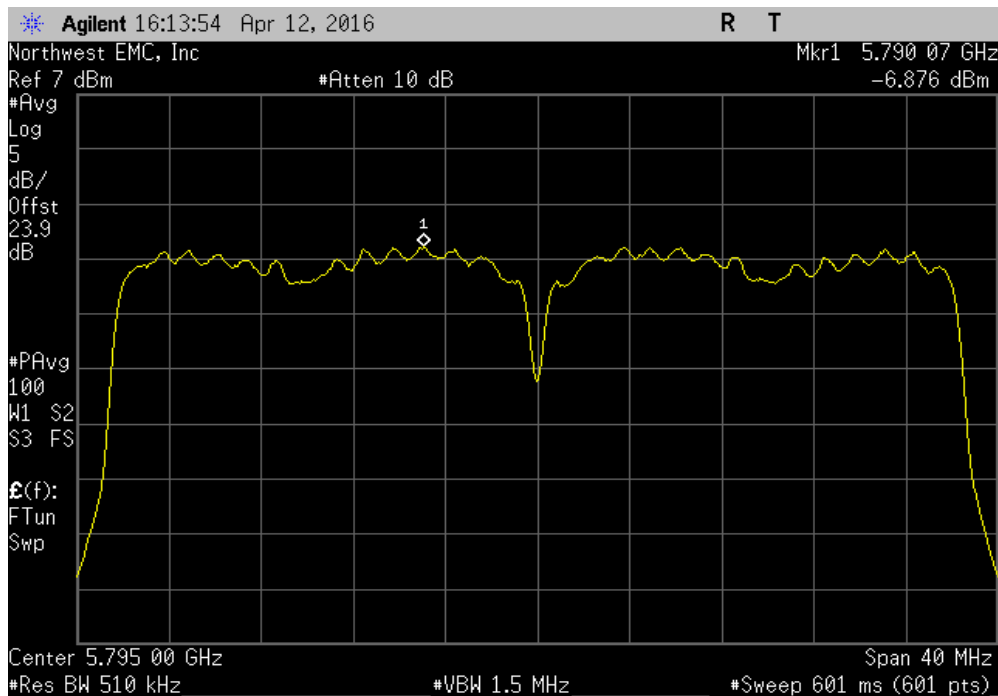


# MAXIMUM POWER SPECTRAL DENSITY

2x2 MIMO, Chain A, 40MHz BW, High Channel, Ch 157/161 - 5795 MHz, 802.11(n) MCS8						
Power (dBm/Ref BW)	Duty Cycle Factor (dB)	Summing Factor (dB)	Density (dBm/Ref BW)	Limit dBm / Ref BW	Results	
-5.985	0.3	3.0	-2.7	30	Pass	

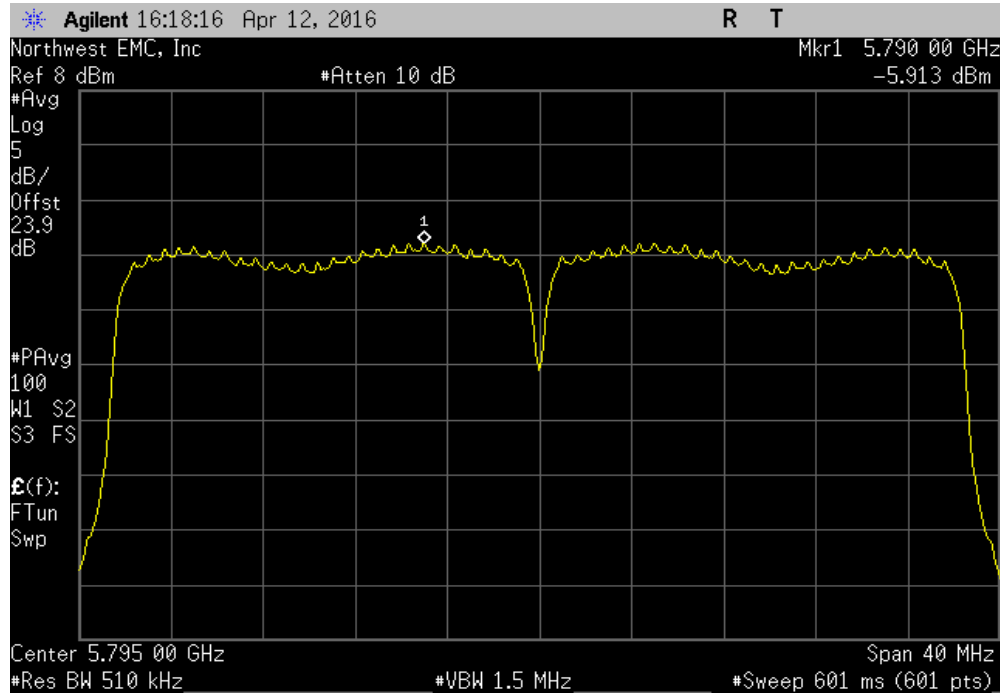


2x2 MIMO, Chain A, 40MHz BW, High Channel, Ch 157/161 - 5795 MHz, 802.11(n) MCS15						
Power (dBm/Ref BW)	Duty Cycle Factor (dB)	Summing Factor (dB)	Density (dBm/Ref BW)	Limit dBm / Ref BW	Results	
-6.876	1.5	3.0	-2.4	30	Pass	

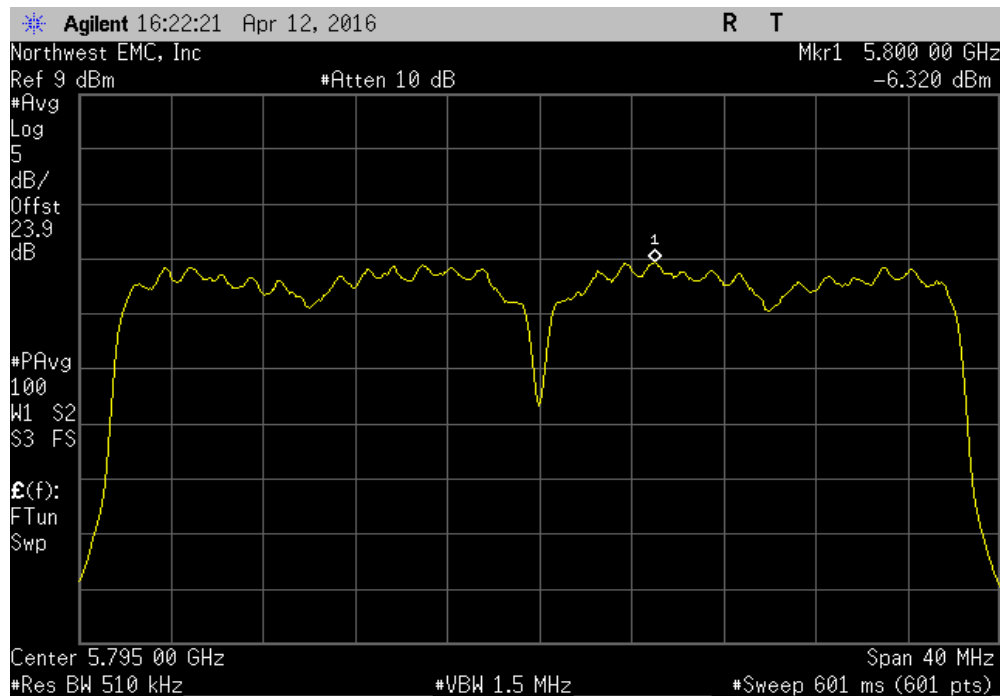


# MAXIMUM POWER SPECTRAL DENSITY

2x2 MIMO, Chain A, 40MHz BW, High Channel, Ch 157/161 - 5795 MHz, 802.11(ac) MCS0						
Power (dBm/Ref BW)	Duty Cycle Factor (dB)	Summing Factor (dB)	Density (dBm/Ref BW)	Limit (dBm / Ref BW)	Results	
-5.913	0.3	3.0	-2.6	30	Pass	



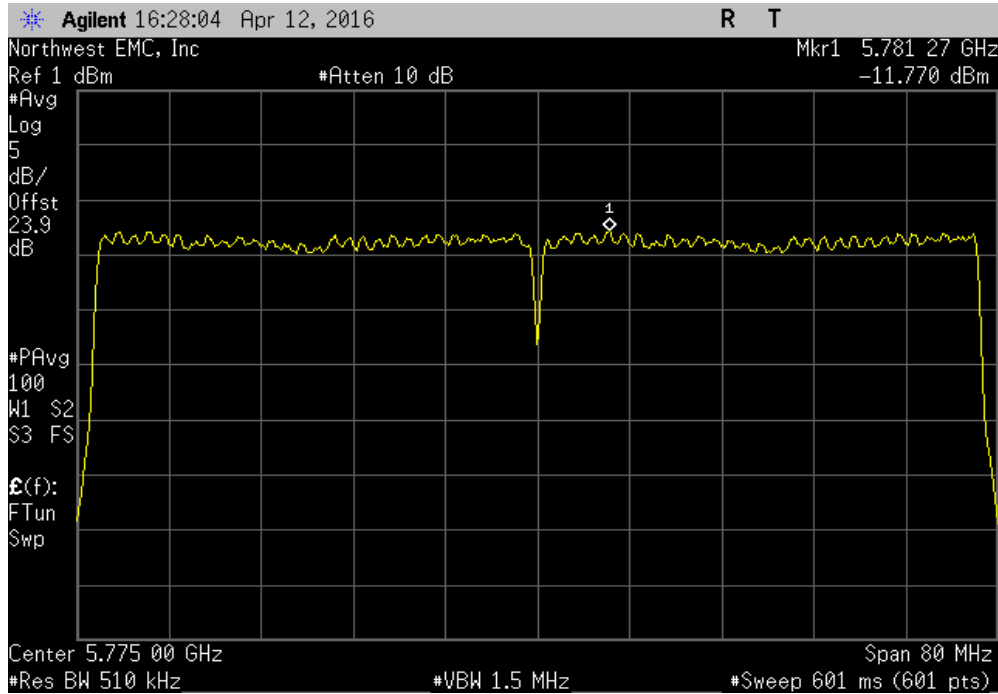
2x2 MIMO, Chain A, 40MHz BW, High Channel, Ch 157/161 - 5795 MHz, 802.11(ac) MCS9						
Power (dBm/Ref BW)	Duty Cycle Factor (dB)	Summing Factor (dB)	Density (dBm/Ref BW)	Limit (dBm / Ref BW)	Results	
-6.32	2.5	3.0	-0.8	30	Pass	



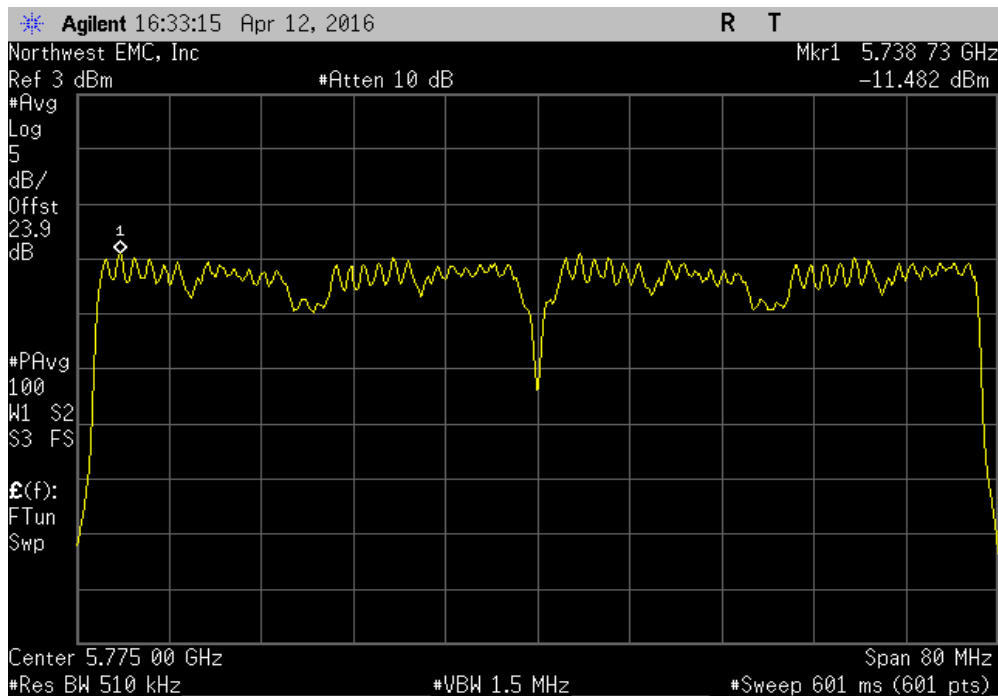


# MAXIMUM POWER SPECTRAL DENSITY

2x2 MIMO, Chain A, 80MHz BW, Mid Channel, Ch 149/161 - 5775 MHz, 802.11(ac) MCS0						
Power (dBm/Ref BW)	Duty Cycle Factor (dB)	Summing Factor (dB)	Density (dBm/Ref BW)	Limit dBm / Ref BW	Results	
-11.77	0.6	3.0	-8.2	30	Pass	

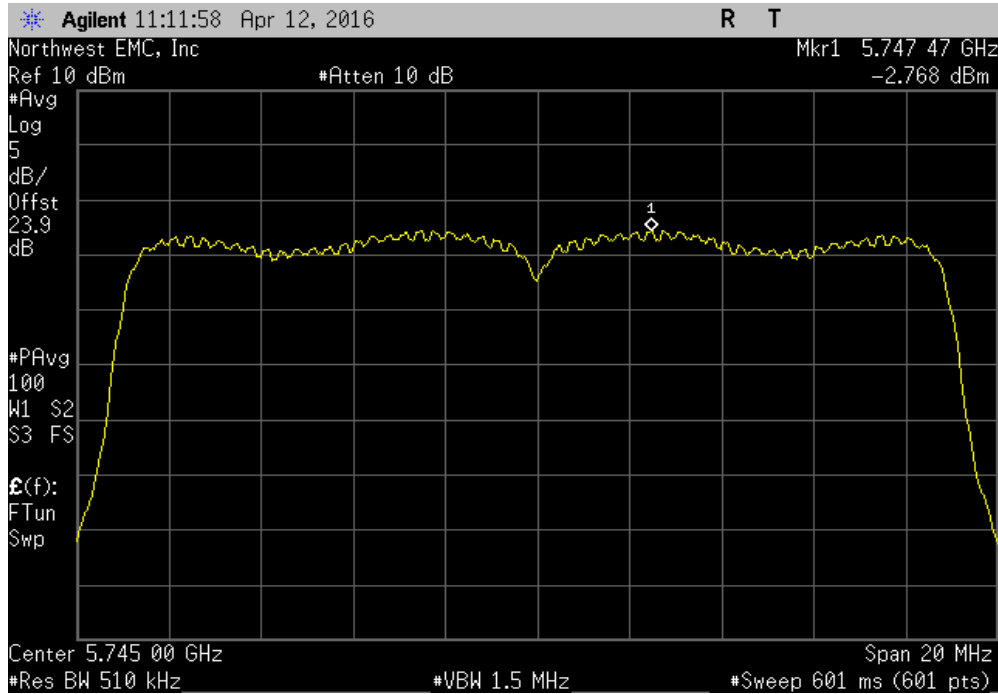


2x2 MIMO, Chain A, 80MHz BW, Mid Channel, Ch 149/161 - 5775 MHz, 802.11(ac) MCS9						
Power (dBm/Ref BW)	Duty Cycle Factor (dB)	Summing Factor (dB)	Density (dBm/Ref BW)	Limit dBm / Ref BW	Results	
-11.482	2.8	3.0	-5.7	30	Pass	

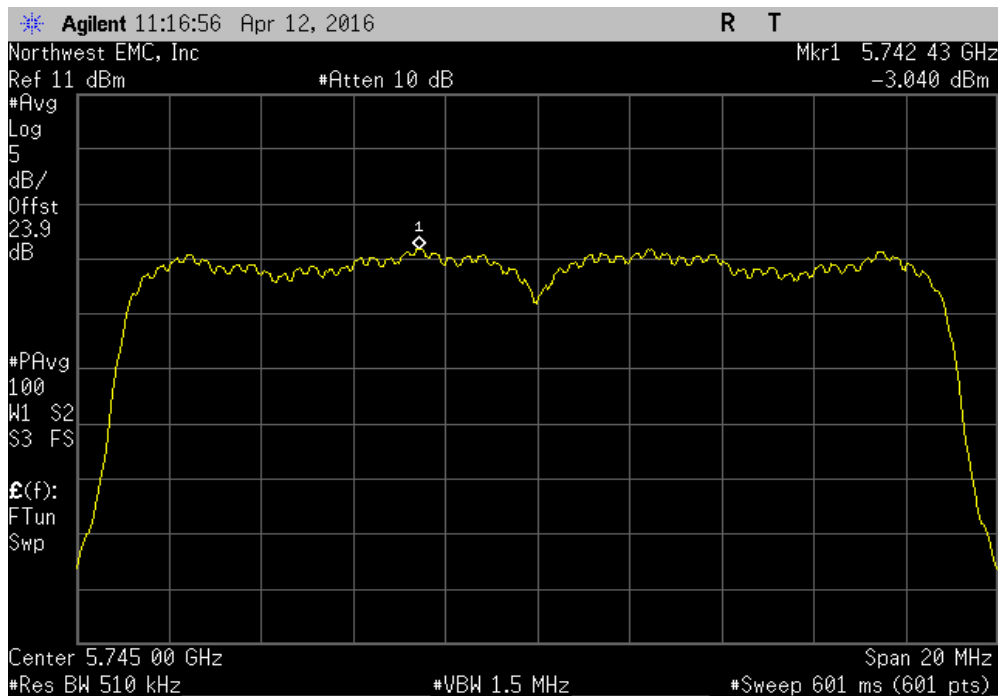


# MAXIMUM POWER SPECTRAL DENSITY

2x2 MIMO, Chain B, 20MHz BW, Low Channel, Ch 149 - 5745 MHz, 802.11(n) MCS8						
Power (dBm/Ref BW)	Duty Cycle Factor (dB)	Summing Factor (dB)	Density (dBm/Ref BW)	Limit (dBm / Ref BW)	Results	
-2.768	0.1	3.0	0.3	30	Pass	

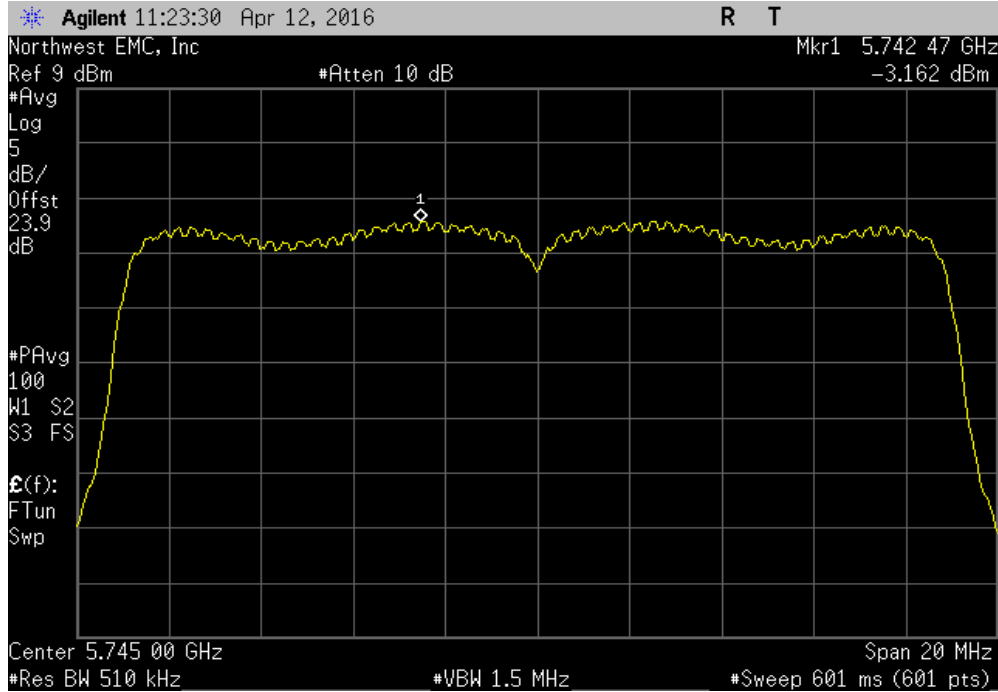


2x2 MIMO, Chain B, 20MHz BW, Low Channel, Ch 149 - 5745 MHz, 802.11(n) MCS15						
Power (dBm/Ref BW)	Duty Cycle Factor (dB)	Summing Factor (dB)	Density (dBm/Ref BW)	Limit (dBm / Ref BW)	Results	
-3.04	0.8	3.0	0.8	30	Pass	

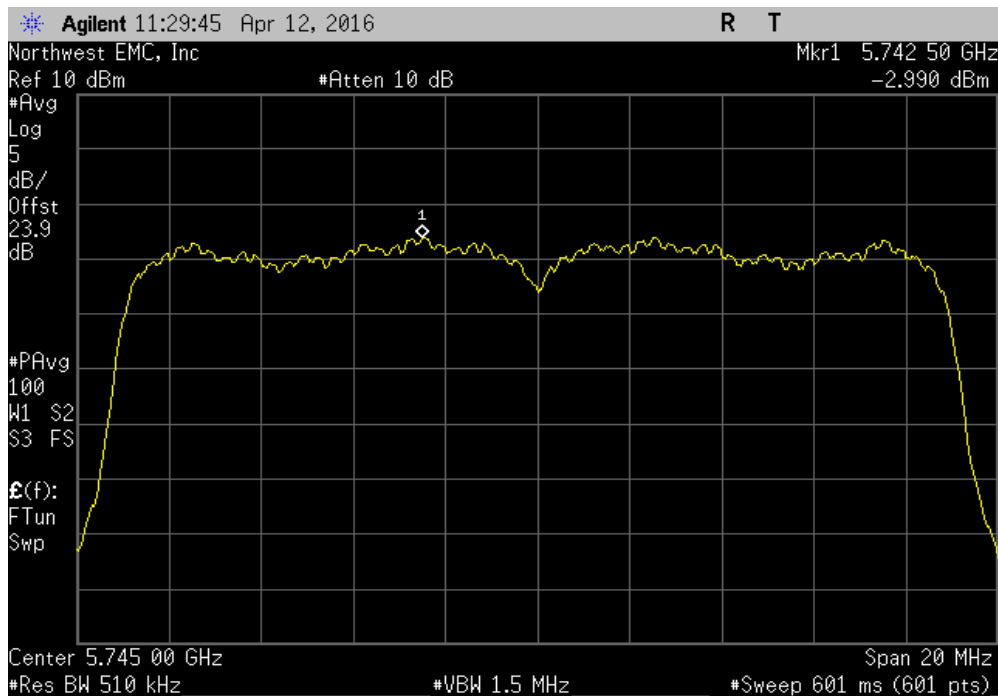


# MAXIMUM POWER SPECTRAL DENSITY

2x2 MIMO, Chain B, 20MHz BW, Low Channel, Ch 149 - 5745 MHz, 802.11(ac) MCS0						
Power (dBm/Ref BW)	Duty Cycle Factor (dB)	Summing Factor (dB)	Density (dBm/Ref BW)	Limit (dBm / Ref BW)	Results	
-3.162	0.1	3.0	-0.1	30	Pass	

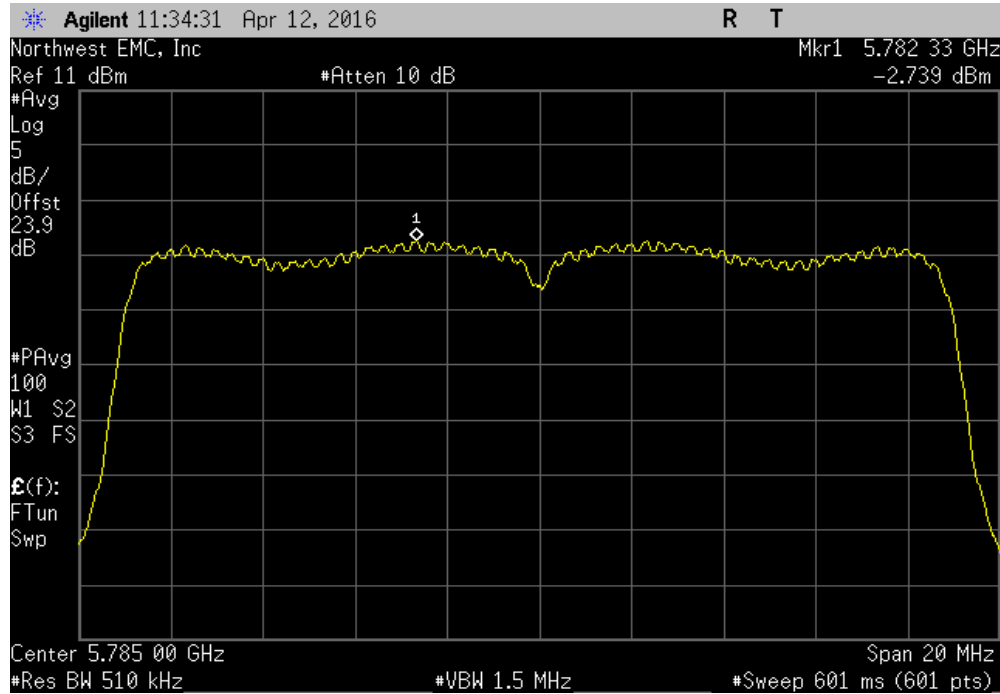


2x2 MIMO, Chain B, 20MHz BW, Low Channel, Ch 149 - 5745 MHz, 802.11(ac) MCS8						
Power (dBm/Ref BW)	Duty Cycle Factor (dB)	Summing Factor (dB)	Density (dBm/Ref BW)	Limit (dBm / Ref BW)	Results	
-2.99	0.7	3.0	0.7	30	Pass	

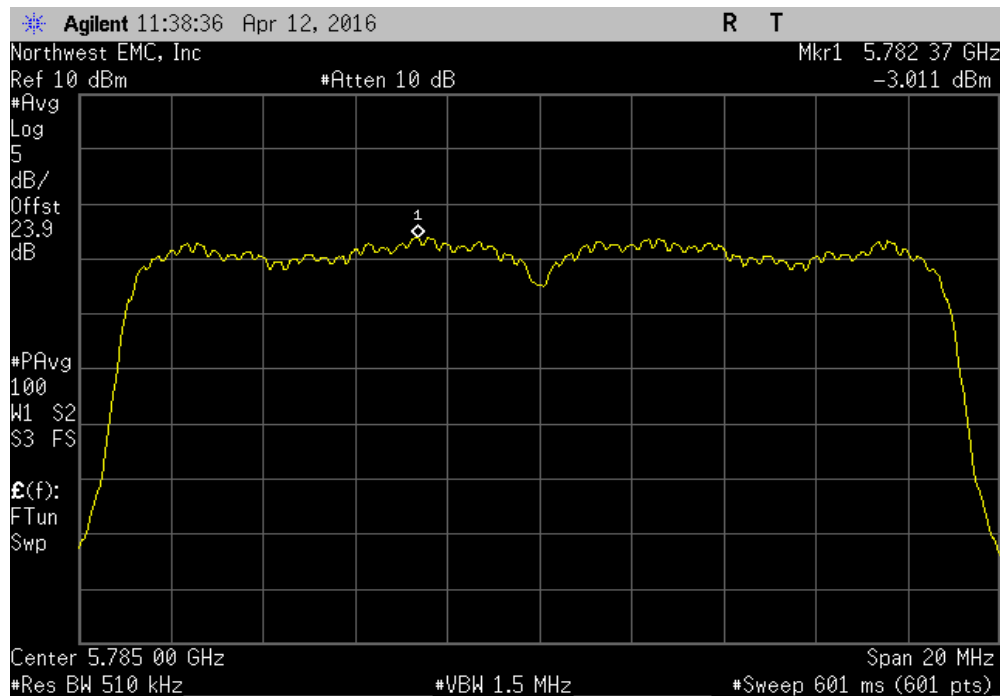


# MAXIMUM POWER SPECTRAL DENSITY

2x2 MIMO, Chain B, 20MHz BW, Mid Channel, Ch 157 - 5785 MHz, 802.11(n) MCS8						
Power (dBm/Ref BW)	Duty Cycle Factor (dB)	Summing Factor (dB)	Density (dBm/Ref BW)	Limit (dBm / Ref BW)	Results	
-2.739	0.1	3.0	0.4	30	Pass	

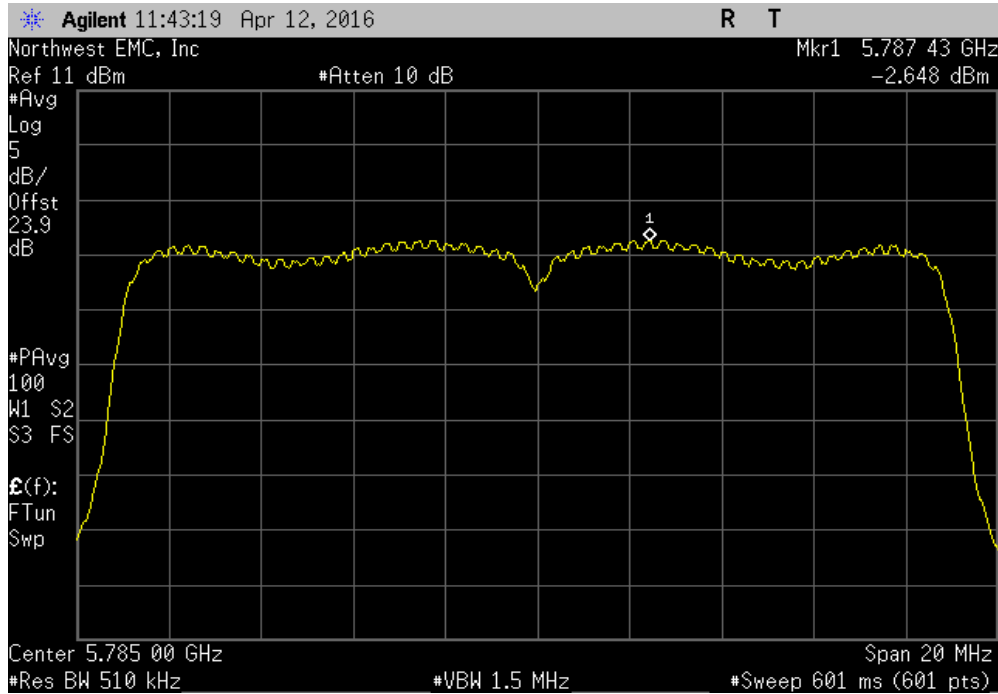


2x2 MIMO, Chain B, 20MHz BW, Mid Channel, Ch 157 - 5785 MHz, 802.11(n) MCS15						
Power (dBm/Ref BW)	Duty Cycle Factor (dB)	Summing Factor (dB)	Density (dBm/Ref BW)	Limit (dBm / Ref BW)	Results	
-3.011	0.8	3.0	0.8	30	Pass	

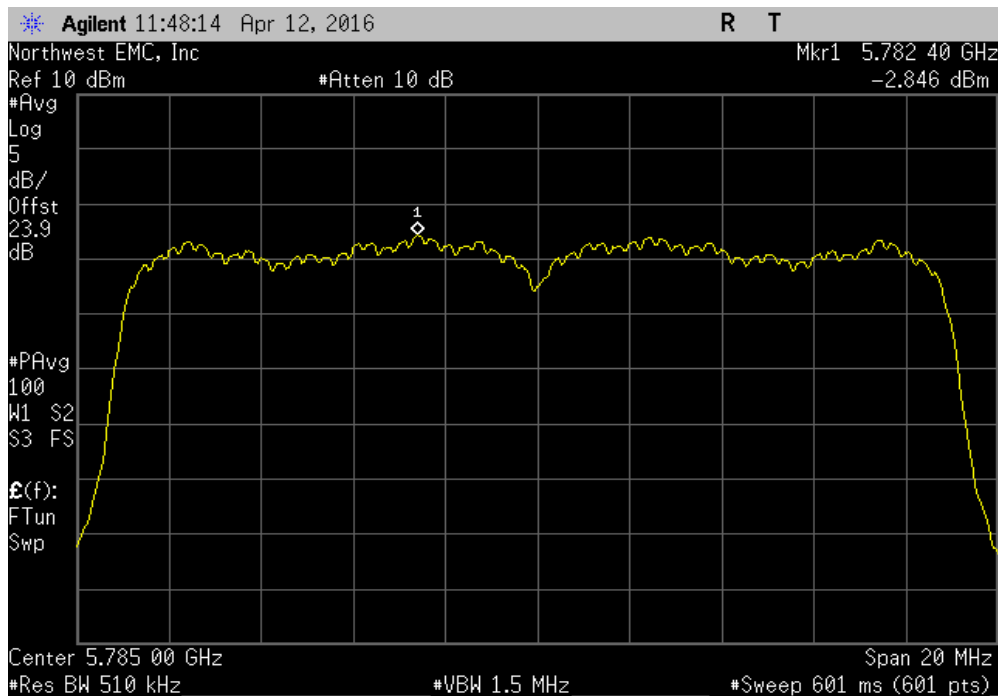


# MAXIMUM POWER SPECTRAL DENSITY

2x2 MIMO, Chain B, 20MHz BW, Mid Channel, Ch 157 - 5785 MHz, 802.11(ac) MCS0						
Power (dBm/Ref BW)	Duty Cycle Factor (dB)	Summing Factor (dB)	Density (dBm/Ref BW)	Limit (dBm / Ref BW)	Results	
-2.648	0.1	3.0	0.5	30	Pass	

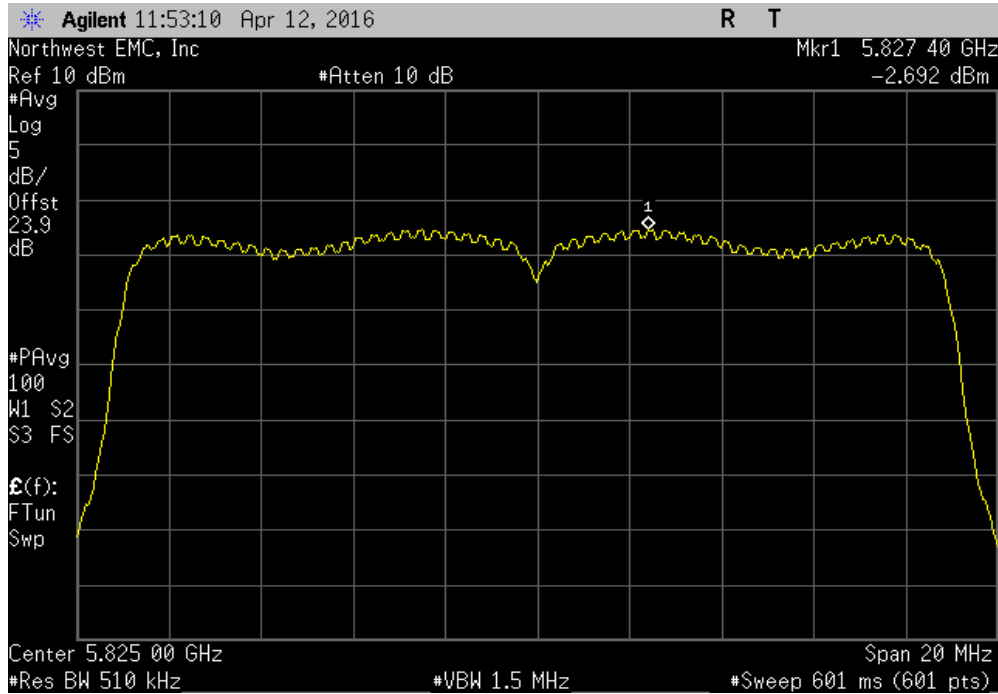


2x2 MIMO, Chain B, 20MHz BW, Mid Channel, Ch 157 - 5785 MHz, 802.11(ac) MCS8						
Power (dBm/Ref BW)	Duty Cycle Factor (dB)	Summing Factor (dB)	Density (dBm/Ref BW)	Limit (dBm / Ref BW)	Results	
-2.846	0.7	3.0	0.9	30	Pass	

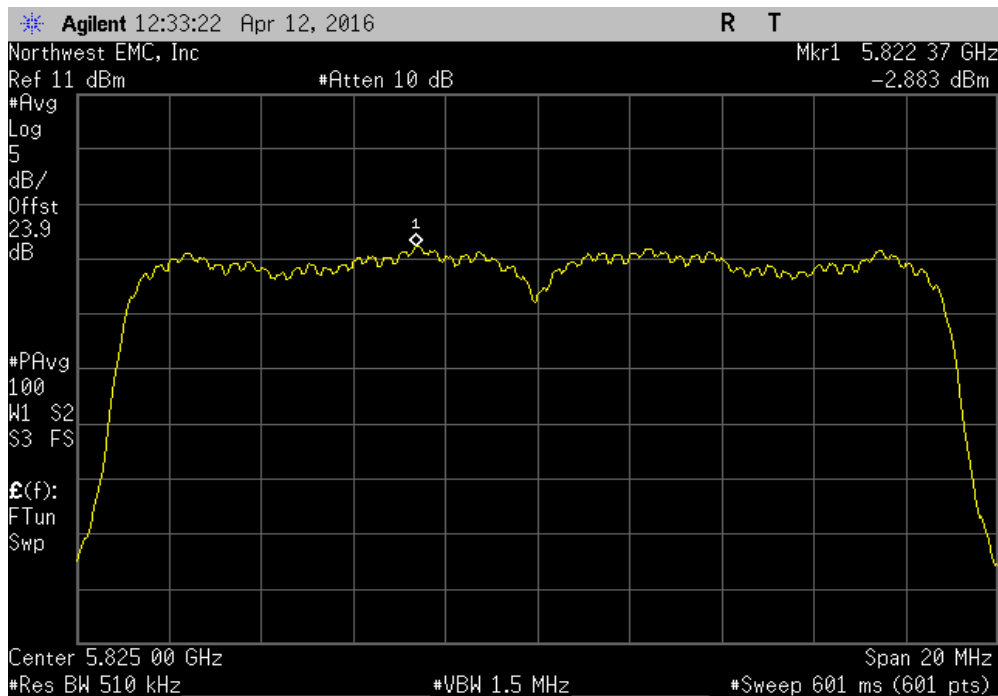


# MAXIMUM POWER SPECTRAL DENSITY

2x2 MIMO, Chain B, 20MHz BW, High Channel, Ch 165 - 5825 MHz, 802.11(n) MCS8						
Power (dBm/Ref BW)	Duty Cycle Factor (dB)	Summing Factor (dB)	Density (dBm/Ref BW)	Limit (dBm / Ref BW)	Results	
-2.692	0.1	3.0	0.4	30	Pass	

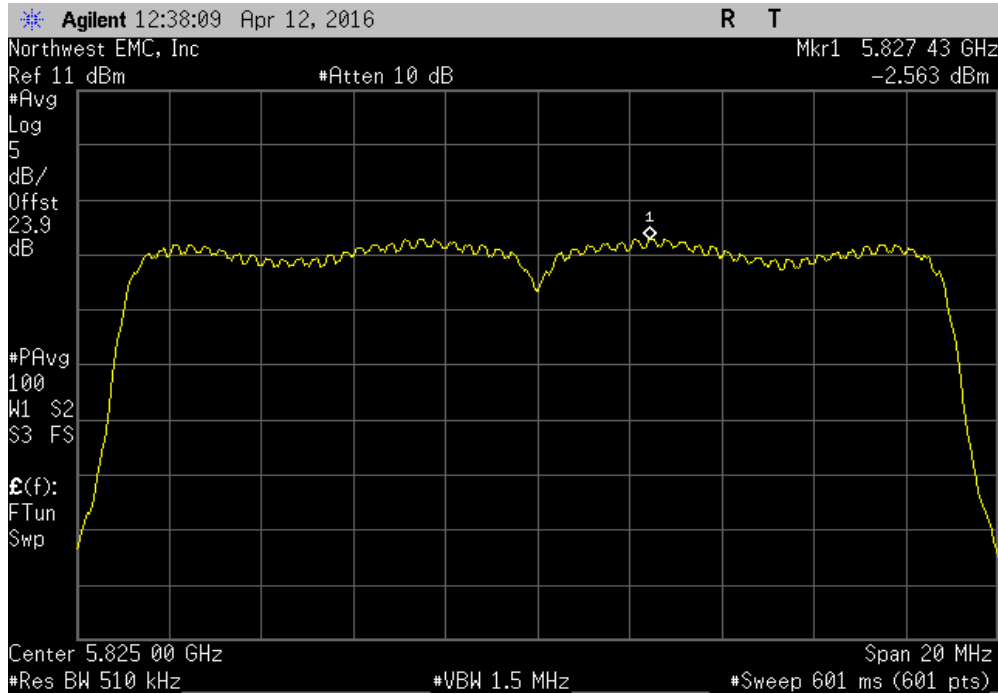


2x2 MIMO, Chain B, 20MHz BW, High Channel, Ch 165 - 5825 MHz, 802.11(n) MCS15						
Power (dBm/Ref BW)	Duty Cycle Factor (dB)	Summing Factor (dB)	Density (dBm/Ref BW)	Limit (dBm / Ref BW)	Results	
-2.883	0.8	3.0	0.9	30	Pass	

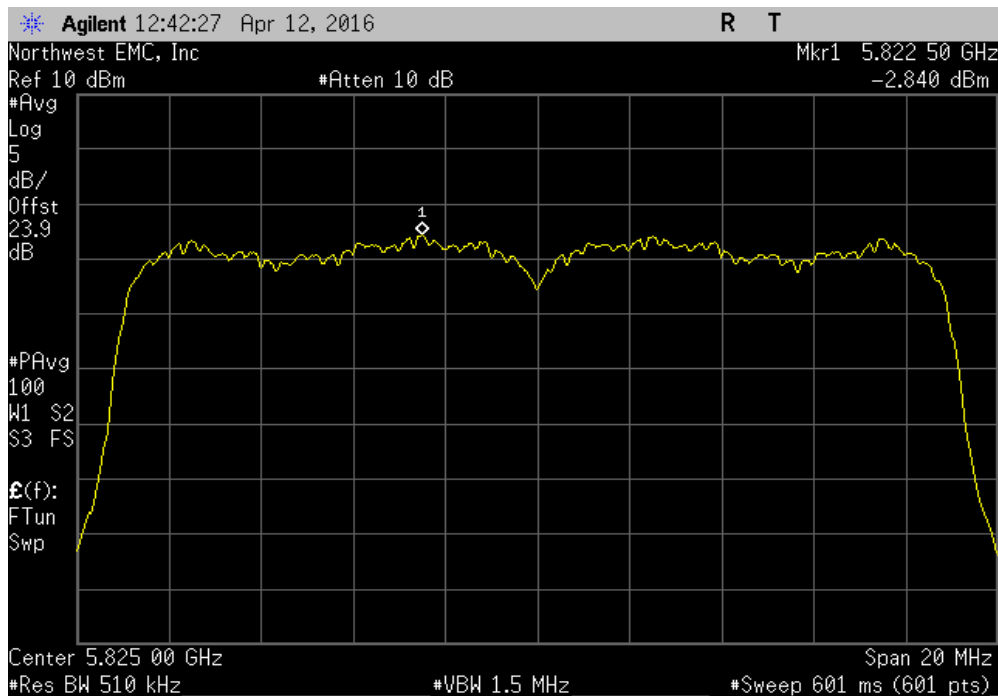


# MAXIMUM POWER SPECTRAL DENSITY

2x2 MIMO, Chain B, 20MHz BW, High Channel, Ch 165 - 5825 MHz, 802.11(ac) MCS0						
Power (dBm/Ref BW)	Duty Cycle Factor (dB)	Summing Factor (dB)	Density (dBm/Ref BW)	Limit (dBm / Ref BW)	Results	
-2.563	0.1	3.0	0.5	30	Pass	

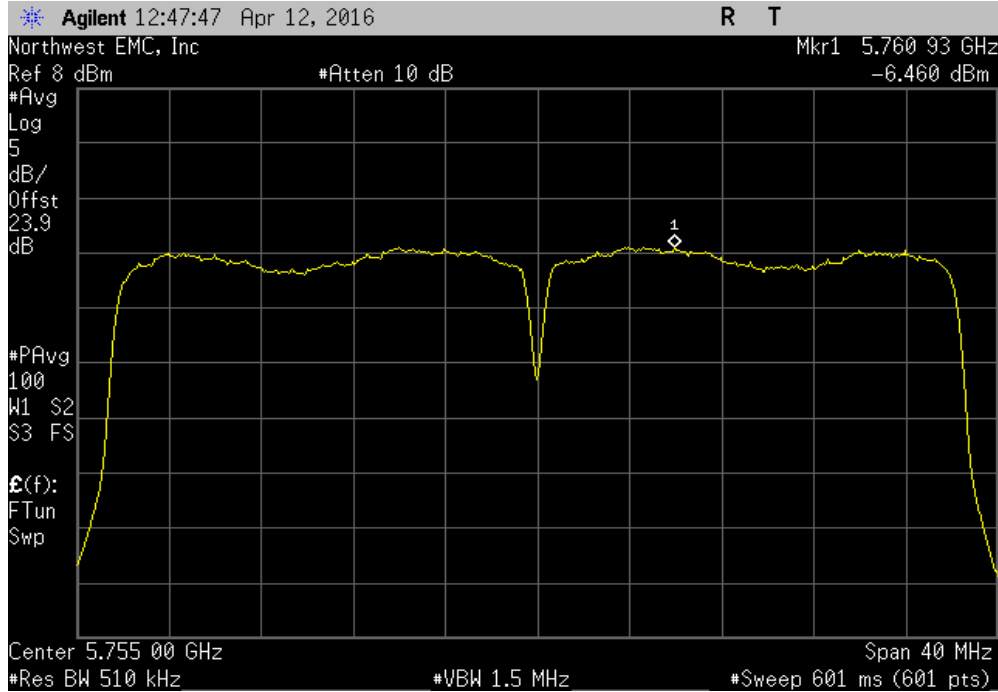


2x2 MIMO, Chain B, 20MHz BW, High Channel, Ch 165 - 5825 MHz, 802.11(ac) MCS8						
Power (dBm/Ref BW)	Duty Cycle Factor (dB)	Summing Factor (dB)	Density (dBm/Ref BW)	Limit (dBm / Ref BW)	Results	
-2.84	0.7	3.0	0.9	30	Pass	

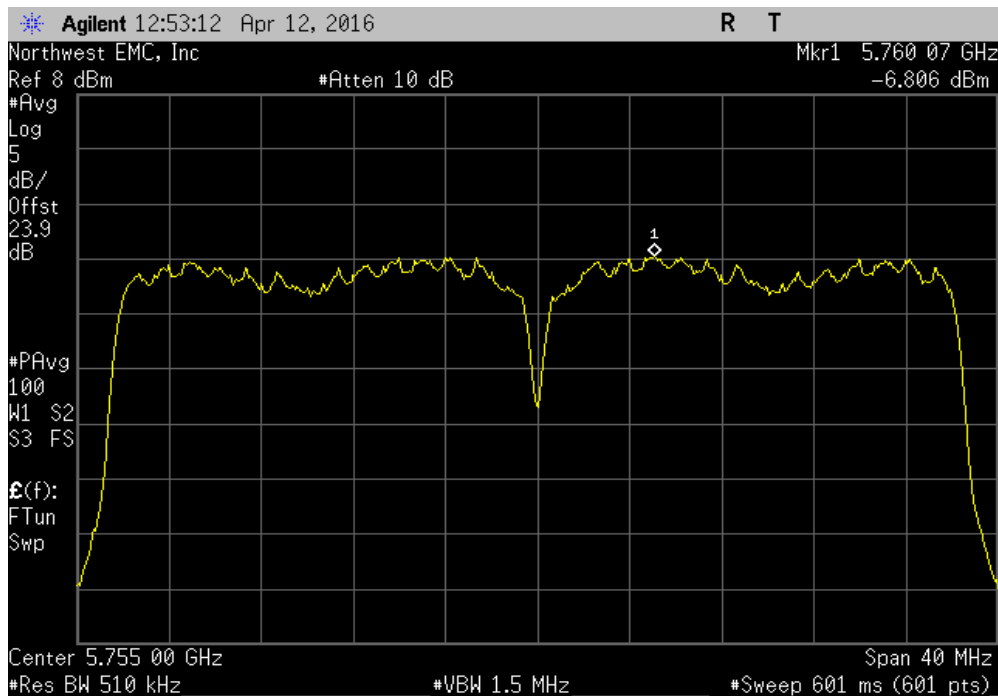


# MAXIMUM POWER SPECTRAL DENSITY

2x2 MIMO, Chain B, 40MHz BW, Low Channel, Ch 149/153 - 5755 MHz, 802.11(n) MCS8						
Power (dBm/Ref BW)	Duty Cycle Factor (dB)	Summing Factor (dB)	Density (dBm/Ref BW)	Limit (dBm / Ref BW)	Results	
-6.46	0.3	3.0	-3.1	30	Pass	



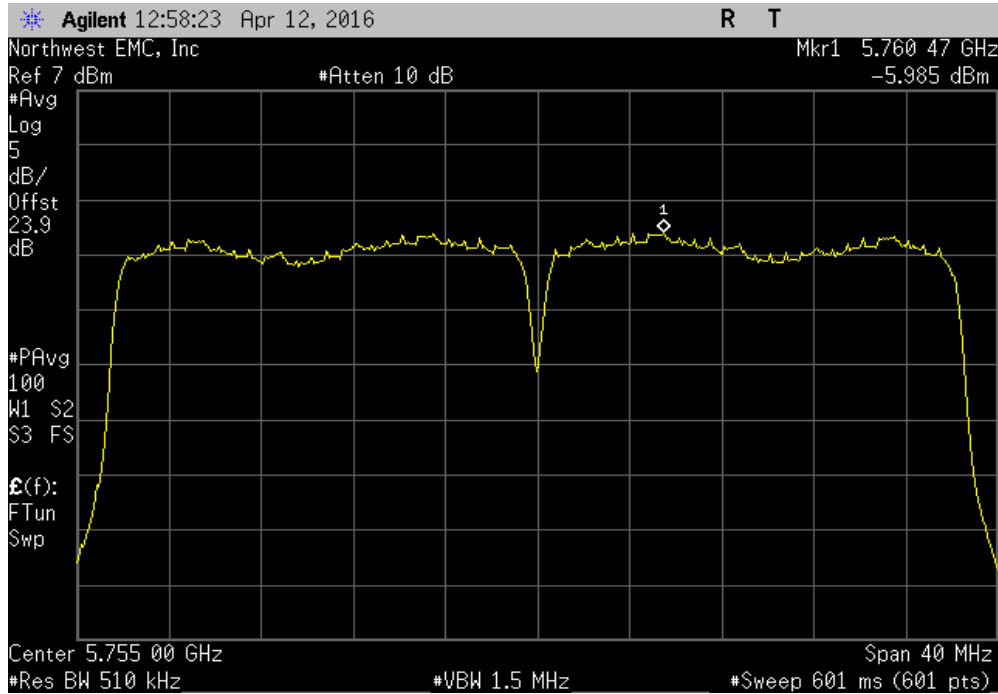
2x2 MIMO, Chain B, 40MHz BW, Low Channel, Ch 149/153 - 5755 MHz, 802.11(n) MCS15						
Power (dBm/Ref BW)	Duty Cycle Factor (dB)	Summing Factor (dB)	Density (dBm/Ref BW)	Limit (dBm / Ref BW)	Results	
-6.806	2.4	3.0	-1.4	30	Pass	



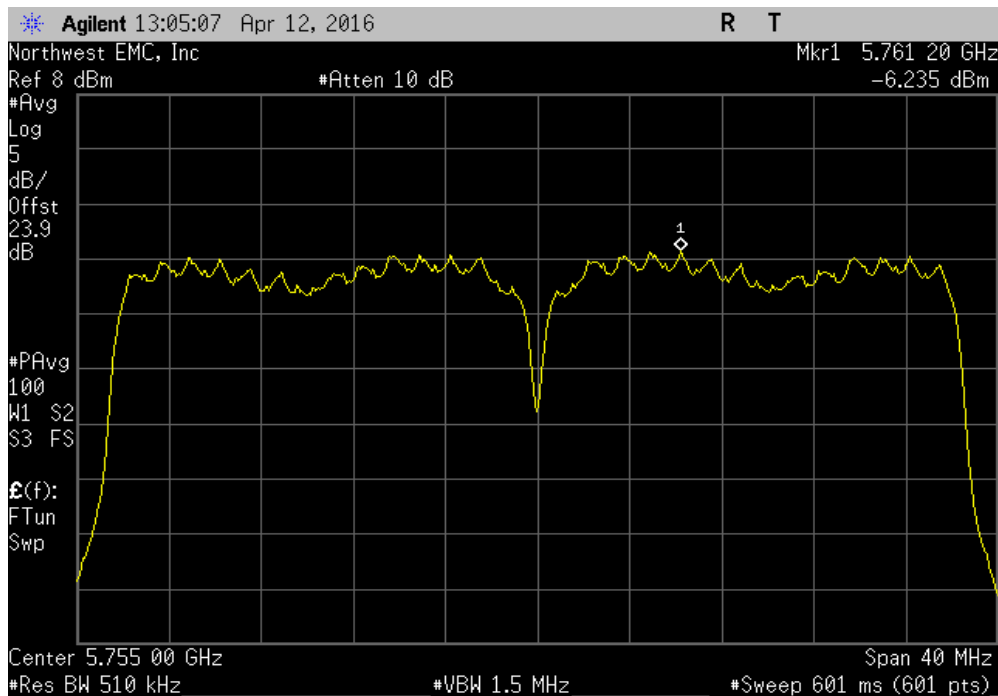


# MAXIMUM POWER SPECTRAL DENSITY

2x2 MIMO, Chain B, 40MHz BW, Low Channel, Ch 149/153 - 5755 MHz, 802.11(ac) MCS0						
Power (dBm/Ref BW)	Duty Cycle Factor (dB)	Summing Factor (dB)	Density (dBm/Ref BW)	Limit (dBm / Ref BW)	Results	
-5.985	0.3	3.0	-2.7	30	Pass	

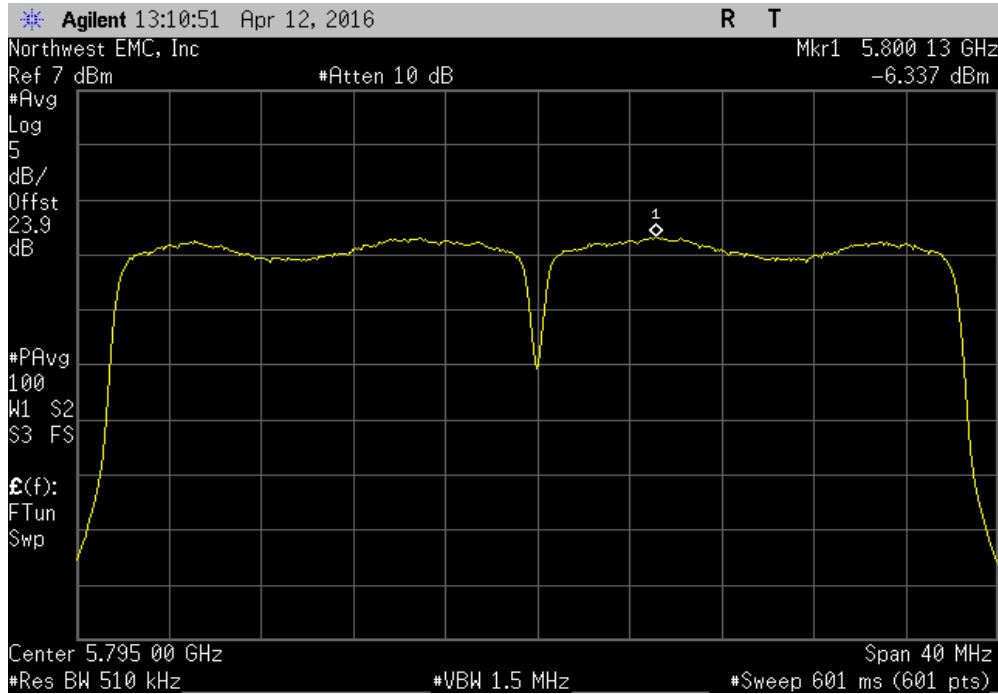


2x2 MIMO, Chain B, 40MHz BW, Low Channel, Ch 149/153 - 5755 MHz, 802.11(ac) MCS9						
Power (dBm/Ref BW)	Duty Cycle Factor (dB)	Summing Factor (dB)	Density (dBm/Ref BW)	Limit (dBm / Ref BW)	Results	
-6.235	1.1	3.0	-2.1	30	Pass	

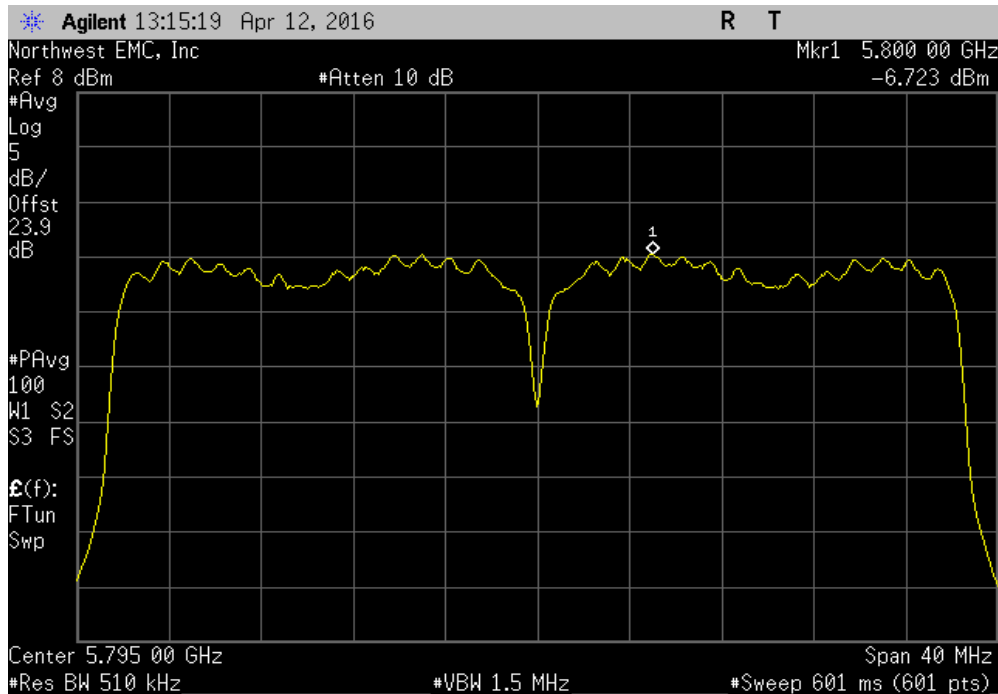


# MAXIMUM POWER SPECTRAL DENSITY

2x2 MIMO, Chain B, 40MHz BW, High Channel, Ch 157/161 - 5795 MHz, 802.11(n) MCS8						
Power (dBm/Ref BW)	Duty Cycle Factor (dB)	Summing Factor (dB)	Density (dBm/Ref BW)	Limit dBm / Ref BW	Results	
-6.337	0.3	3.0	-3.0	30	Pass	

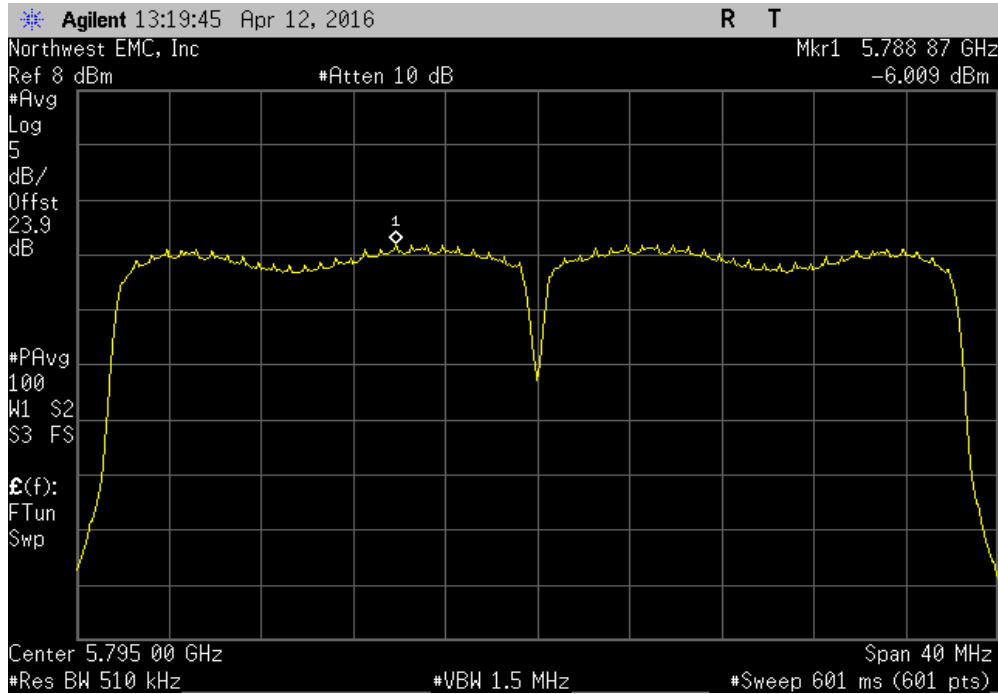


2x2 MIMO, Chain B, 40MHz BW, High Channel, Ch 157/161 - 5795 MHz, 802.11(n) MCS15						
Power (dBm/Ref BW)	Duty Cycle Factor (dB)	Summing Factor (dB)	Density (dBm/Ref BW)	Limit dBm / Ref BW	Results	
-6.723	2.4	3.0	-1.3	30	Pass	

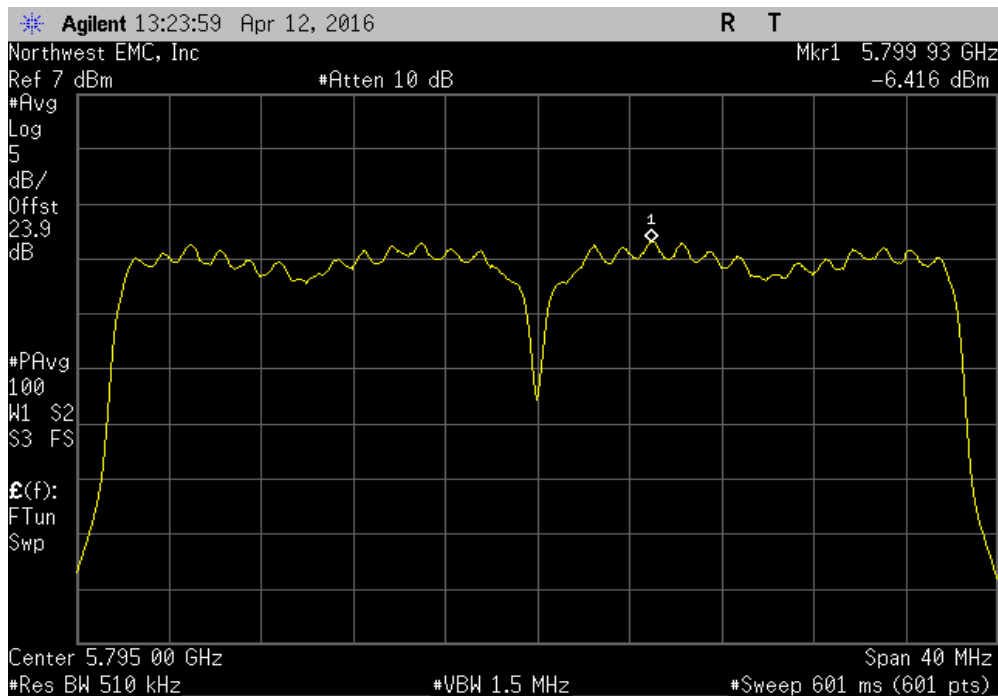


# MAXIMUM POWER SPECTRAL DENSITY

2x2 MIMO, Chain B, 40MHz BW, High Channel, Ch 157/161 - 5795 MHz, 802.11(ac) MCS0						
Power (dBm/Ref BW)	Duty Cycle Factor (dB)	Summing Factor (dB)	Density (dBm/Ref BW)	Limit (dBm / Ref BW)	Results	
-6.009	0.3	3.0	-2.7	30	Pass	

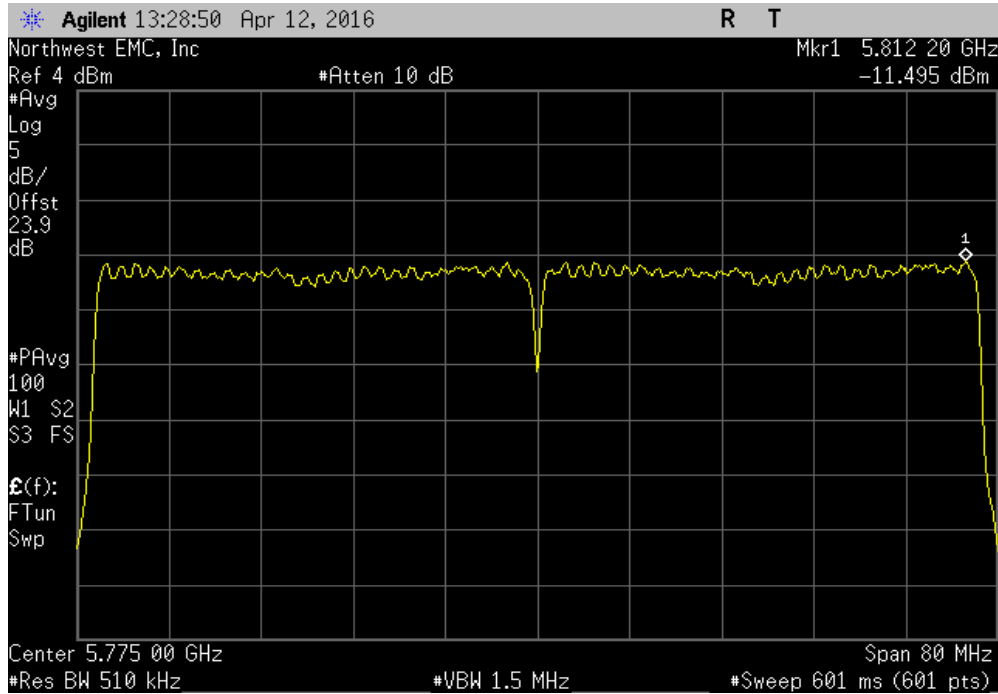


2x2 MIMO, Chain B, 40MHz BW, High Channel, Ch 157/161 - 5795 MHz, 802.11(ac) MCS9						
Power (dBm/Ref BW)	Duty Cycle Factor (dB)	Summing Factor (dB)	Density (dBm/Ref BW)	Limit (dBm / Ref BW)	Results	
-6.416	2.5	3.0	-0.9	30	Pass	



# MAXIMUM POWER SPECTRAL DENSITY

2x2 MIMO, Chain B, 80MHz BW, Mid Channel, Ch 149/161 - 5775 MHz, 802.11(ac) MCS0						
Power (dBm/Ref BW)	Duty Cycle Factor (dB)	Summing Factor (dB)	Density (dBm/Ref BW)	Limit (dBm / Ref BW)	Results	
-11.495	0.6	3.0	-7.9	30	Pass	



2x2 MIMO, Chain B, 80MHz BW, Mid Channel, Ch 149/161 - 5775 MHz, 802.11(ac) MCS9						
Power (dBm/Ref BW)	Duty Cycle Factor (dB)	Summing Factor (dB)	Density (dBm/Ref BW)	Limit (dBm / Ref BW)	Results	
-11.092	1.5	3.0	-6.6	30	Pass	

