

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

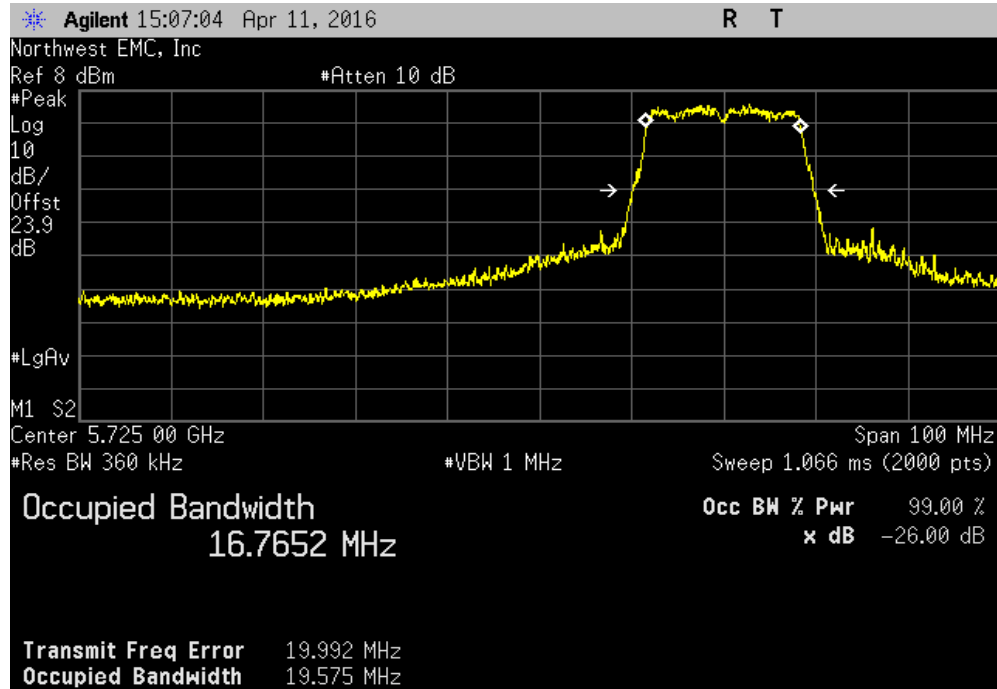


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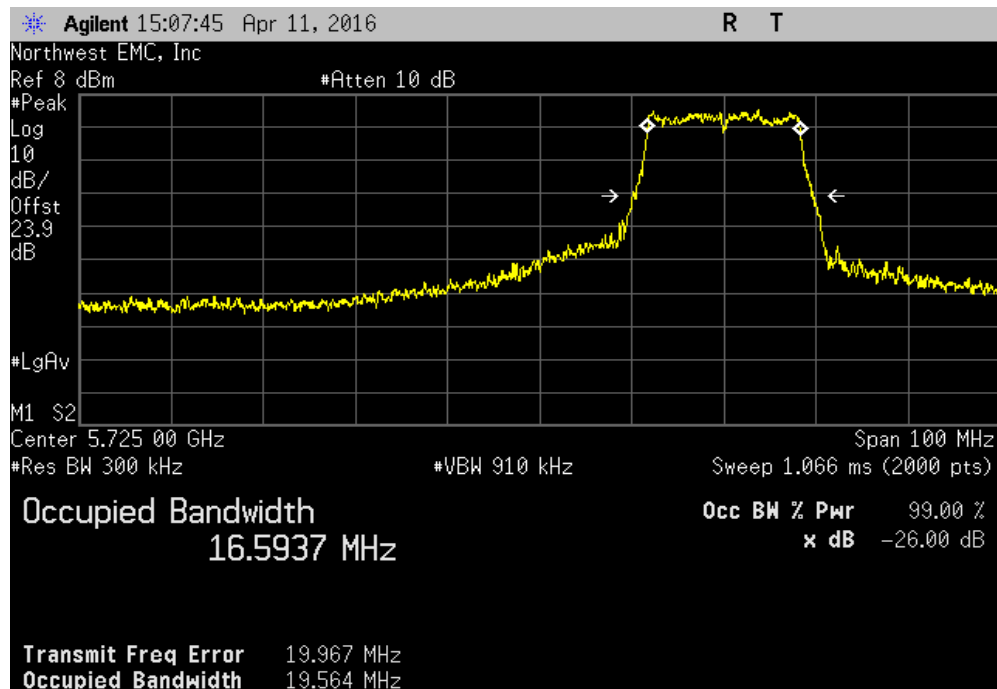
EUT: Model 1631		Work Order: MCSO1748	
Serial Number: 041152140753		Date: 04/12/16	
Customer: Microsoft Corporation		Temperature: 23°C	
Attendees: None		Humidity: 33%	
Project: None		Barometric Pres.: 1019 mbar	
Tested by: Richard Mellroth		Power: 110VAC/60Hz	
		Job Site: NC02	
TEST SPECIFICATIONS		Test 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

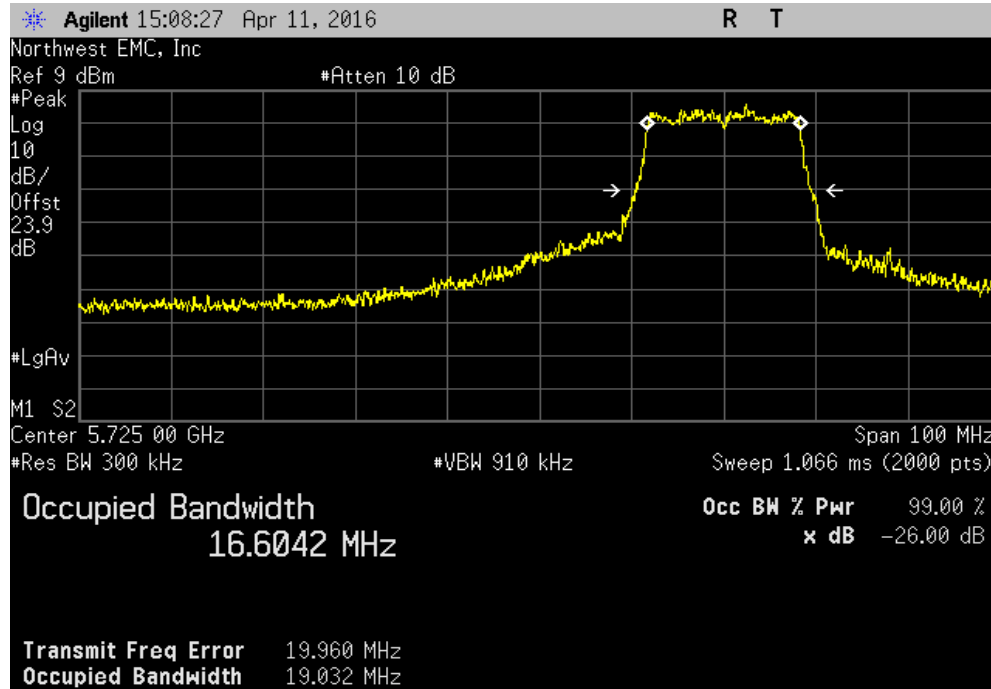


SISO, Chain A, 20MHz BW, Low Channel, Ch 149 - 5745 MHz, 802.11(a) 36 Mbps						
				OBW Within Band	Band Edge (MHz)	Result
				Yes	5725	Pass

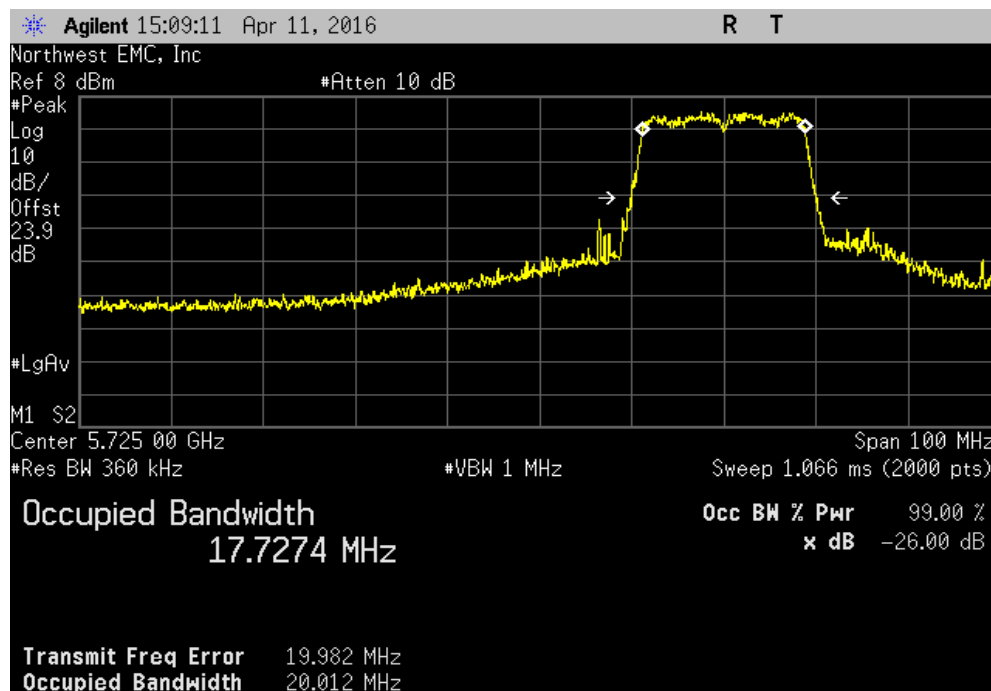


BAND EDGE

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

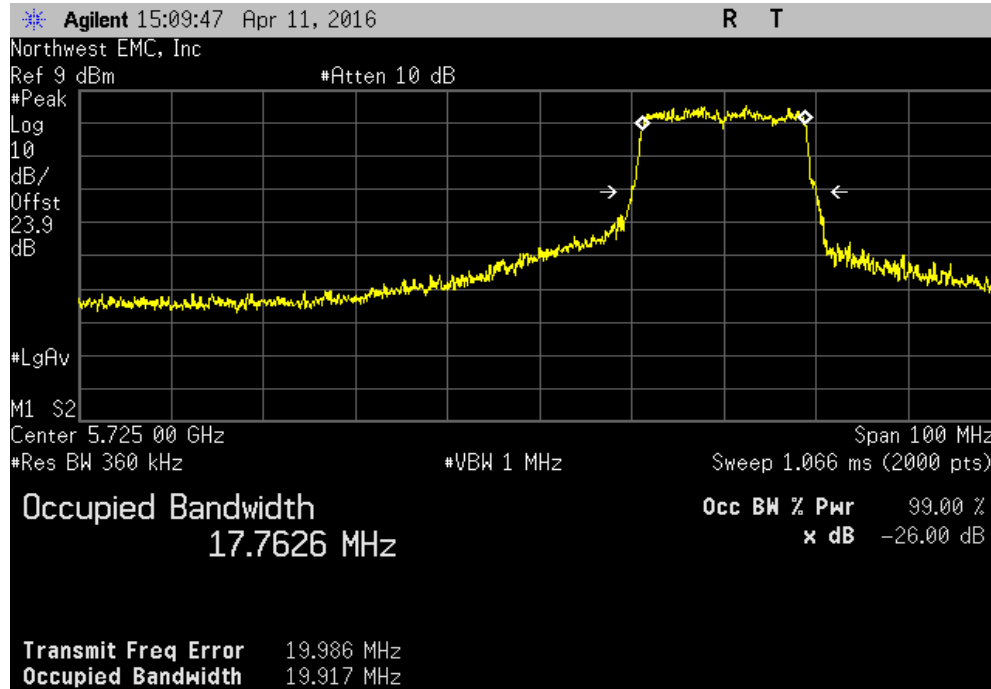


SISO, Chain A, 20MHz BW, Low Channel, Ch 149 - 5745 MHz, 802.11(n) MCS0						
				OBW Within Band	Band Edge (MHz)	Result
				Yes	5725	Pass

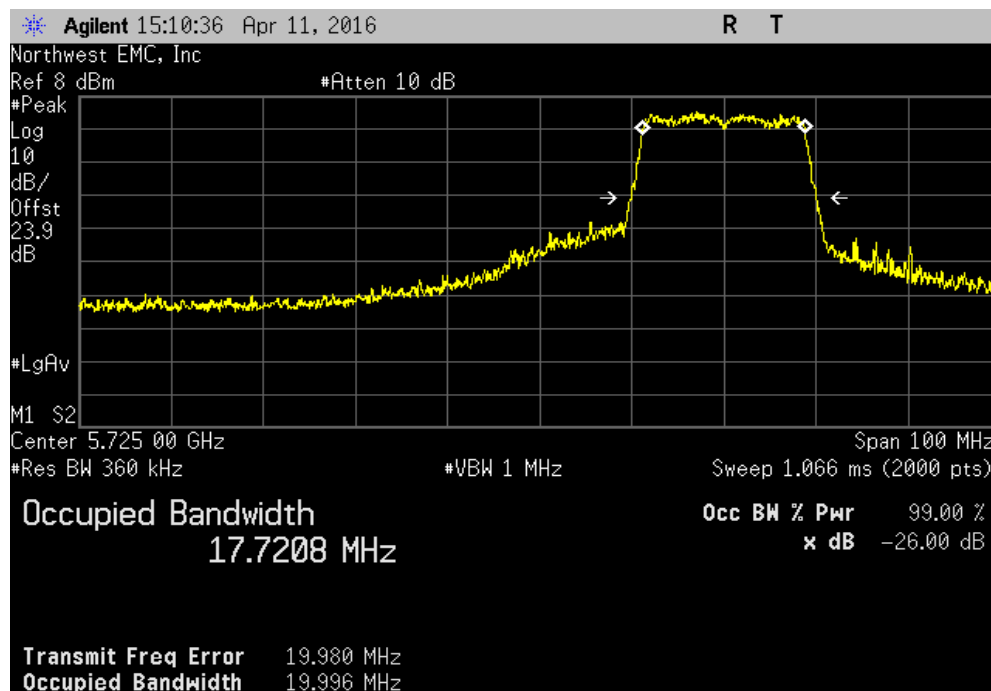


BAND EDGE

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

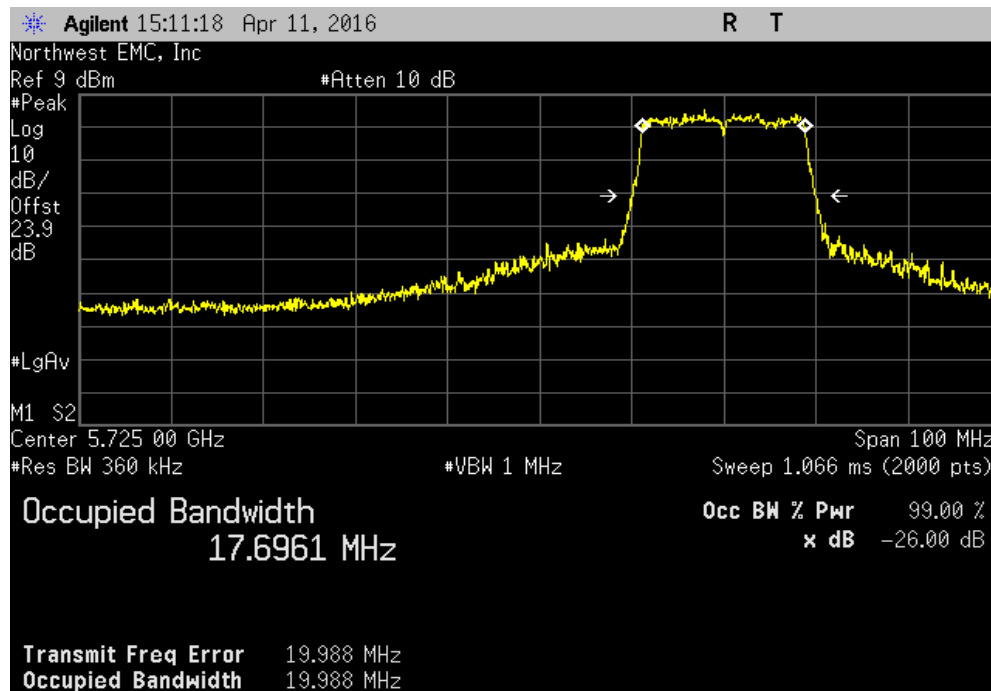


SISO, Chain A, 20MHz BW, Low Channel, Ch 149 - 5745 MHz, 802.11(ac) MCS0						
				OBW	Band Edge	Result
				Within Band	(MHz)	
				Yes	5725	Pass

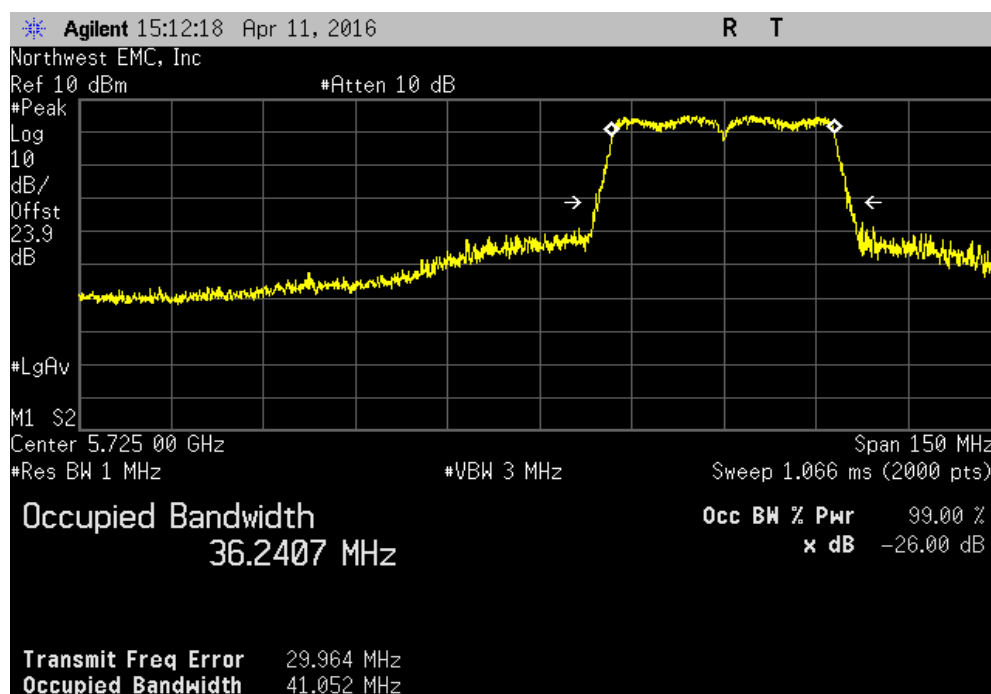


BAND EDGE

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

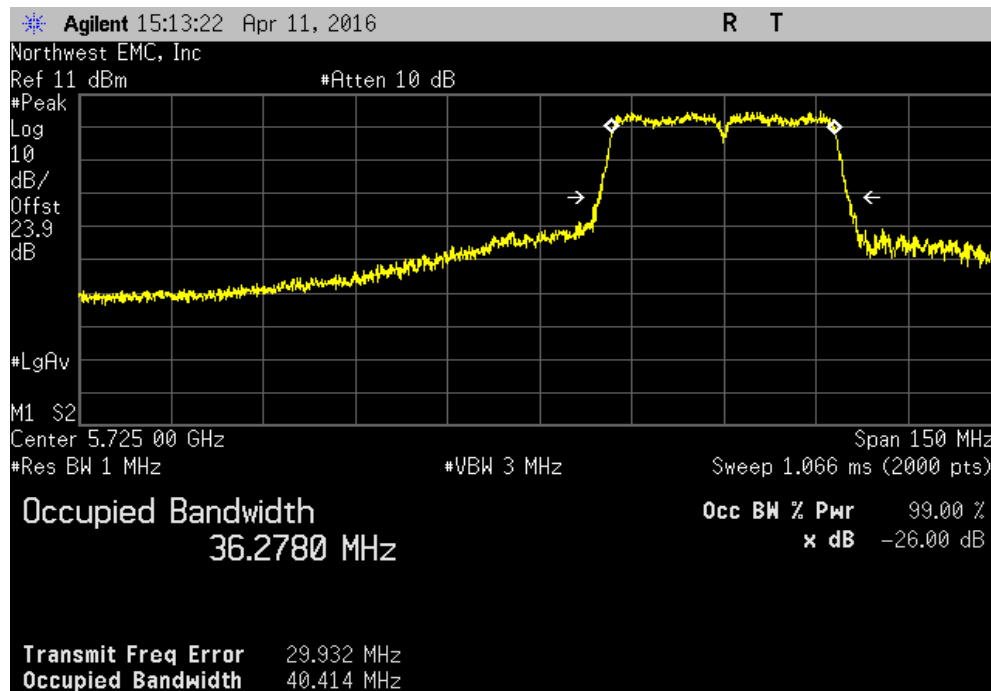


SISO, Chain A, 40MHz BW, Low Channel, Ch 149/153 - 5755 MHz, 802.11(n) MCS0						
				OBW Within Band	Band Edge (MHz)	Result
				Yes	5725	Pass

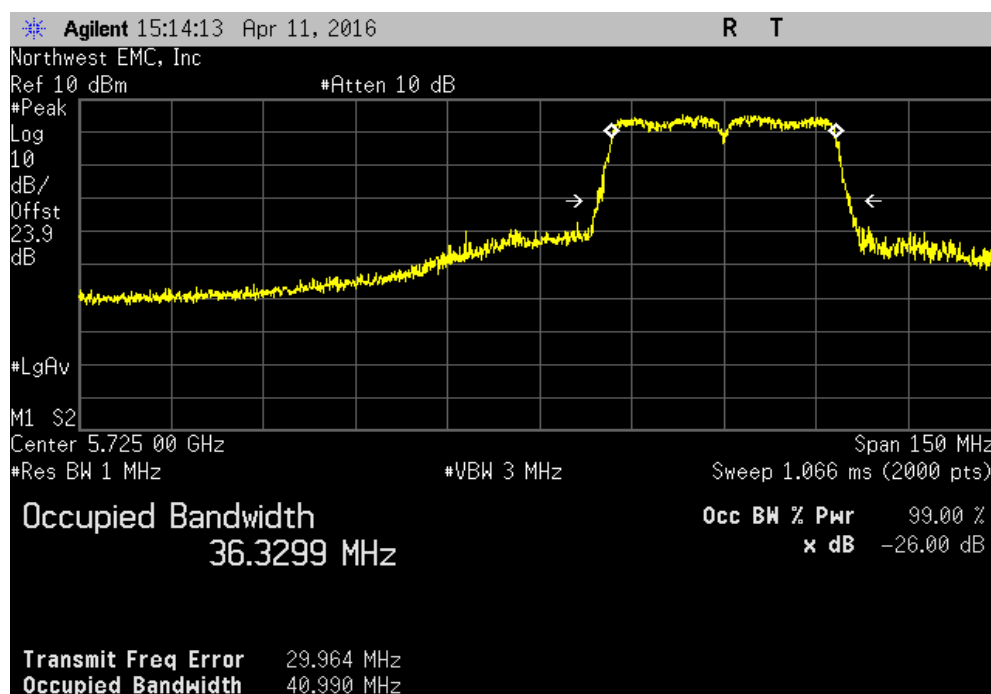


BAND EDGE

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



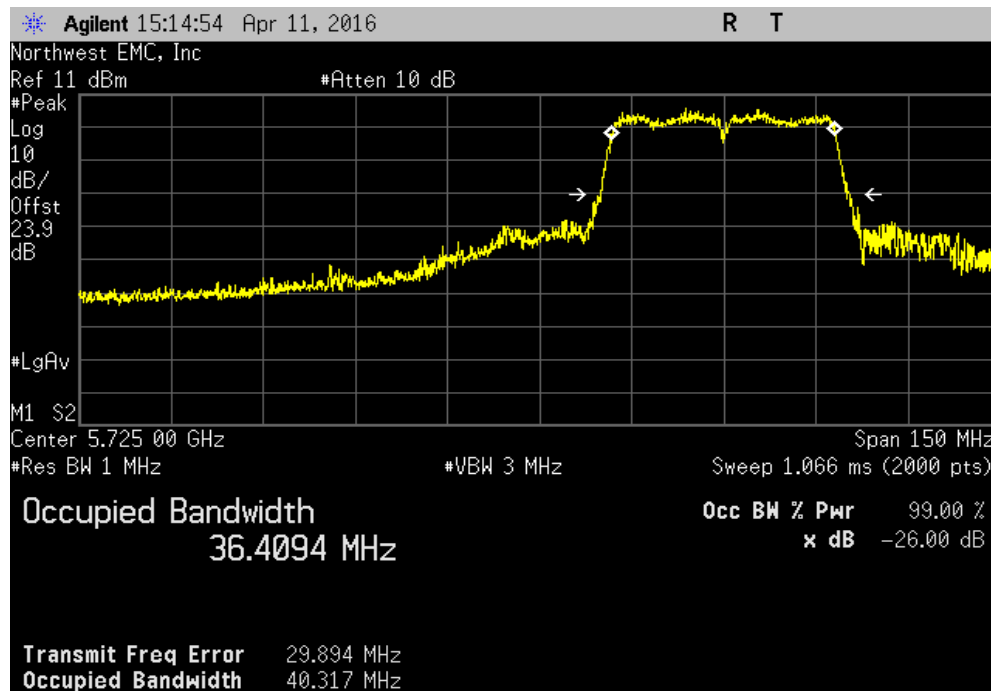
SISO, Chain A, 40MHz BW, Low Channel, Ch 149/153 - 5755 MHz, 802.11(ac) MCS0						
				OBW Within Band	Band Edge (MHz)	Result
				Yes	5725	Pass



BAND EDGE

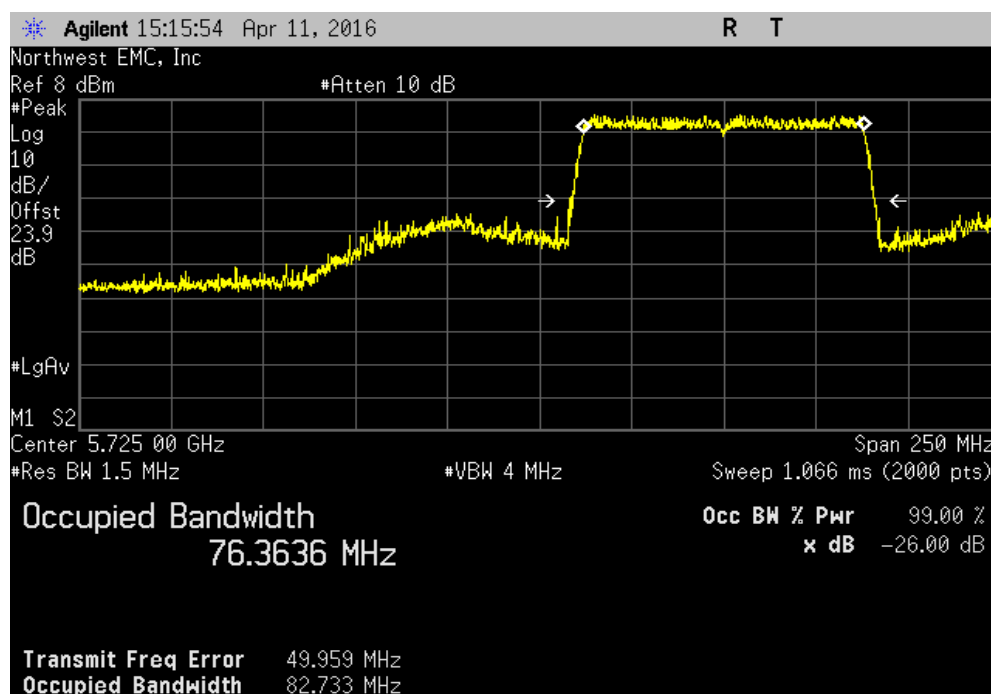
SISO, Chain A, 40MHz BW, Low Channel, Ch 149/153 - 5755 MHz, 802.11(ac) MCS9

OBW	Band Edge	Result
Within Band	(MHz)	
Yes	5725	Pass



SISO, Chain A, 80MHz BW, Mid Channel, Ch 149/161 - 5775 MHz, 802.11(ac) MCS0

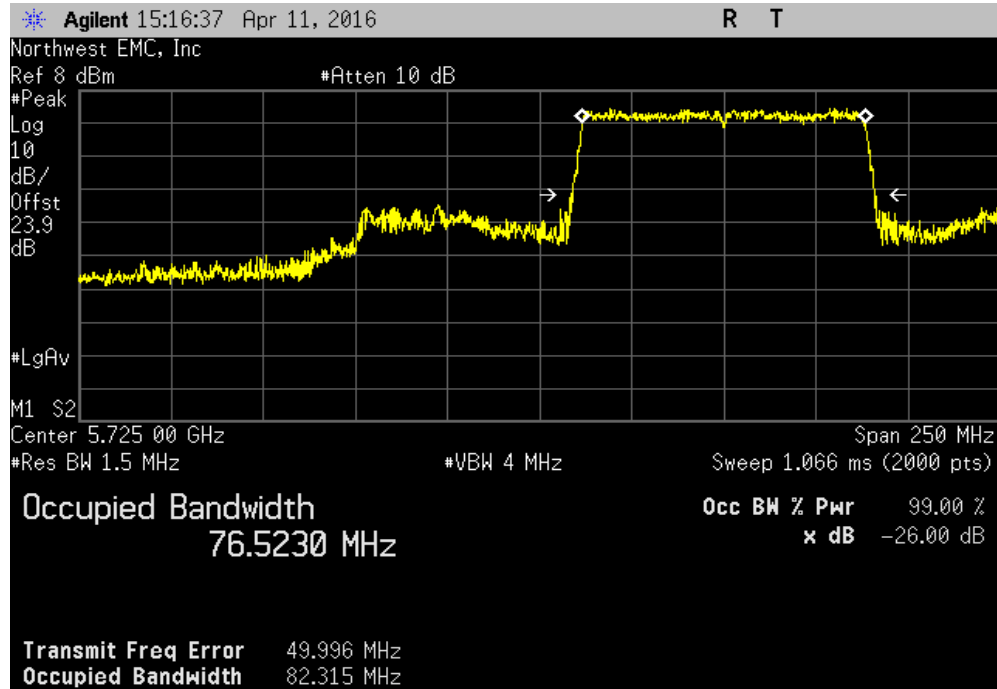
OBW	Band Edge	Result
Within Band	(MHz)	
Yes	5725	Pass



BAND EDGE

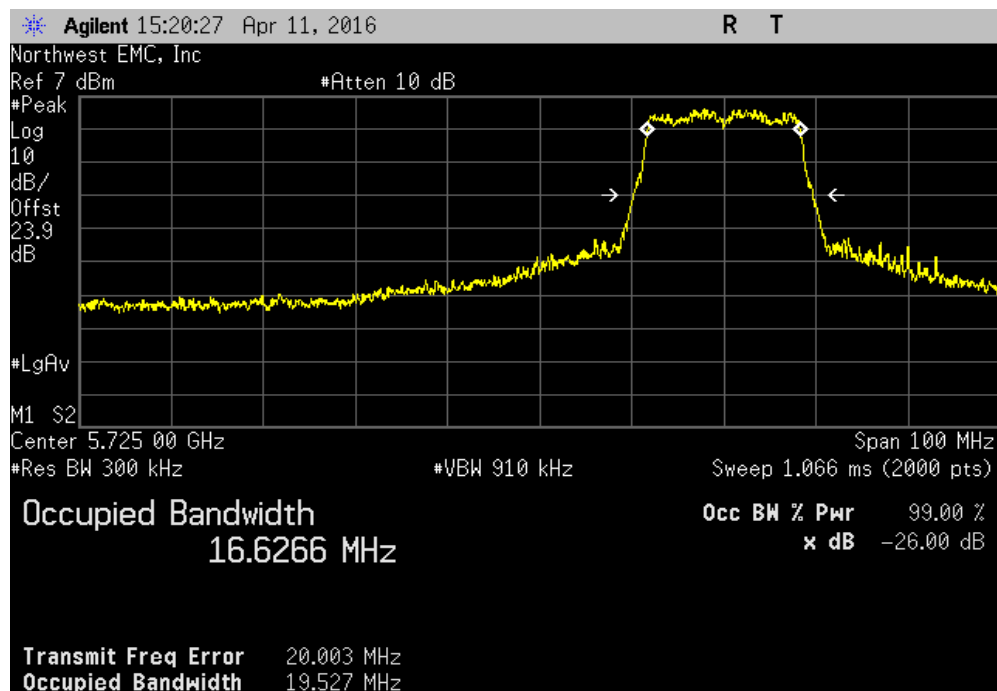
SISO, Chain A, 80MHz BW, Mid Channel, Ch 149/161 - 5775 MHz, 802.11(ac) MCS9

OBW	Band Edge	Result
Within Band	(MHz)	
Yes	5725	Pass



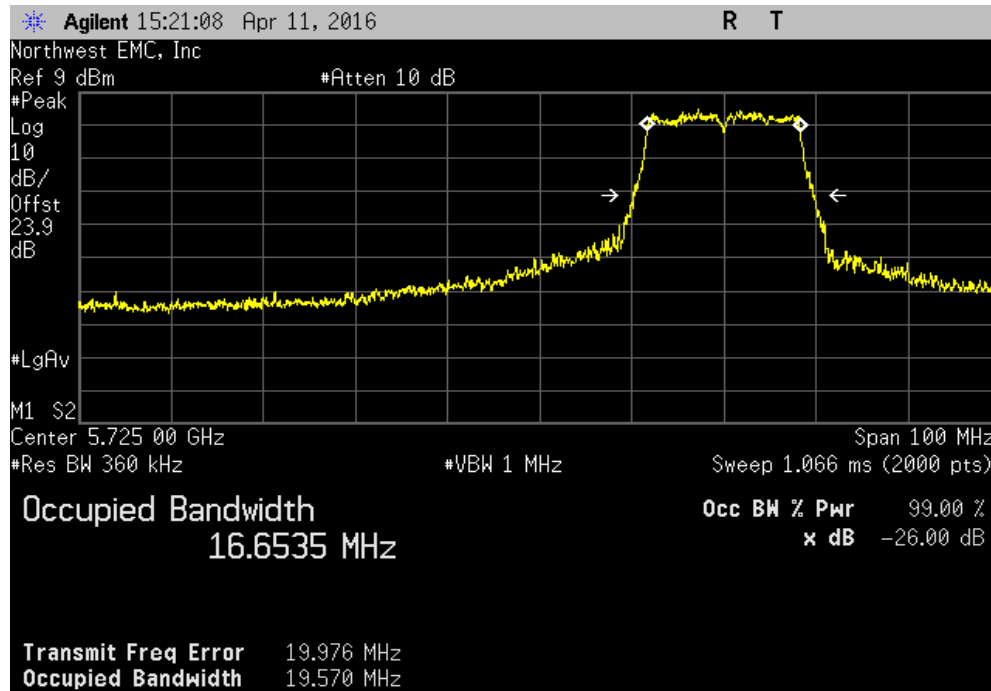
SISO, Chain B, 20MHz BW, Low Channel, Ch 149 - 5745 MHz, 802.11(a) 6 Mbps

OBW	Band Edge	Result
Within Band	(MHz)	
Yes	5725	Pass

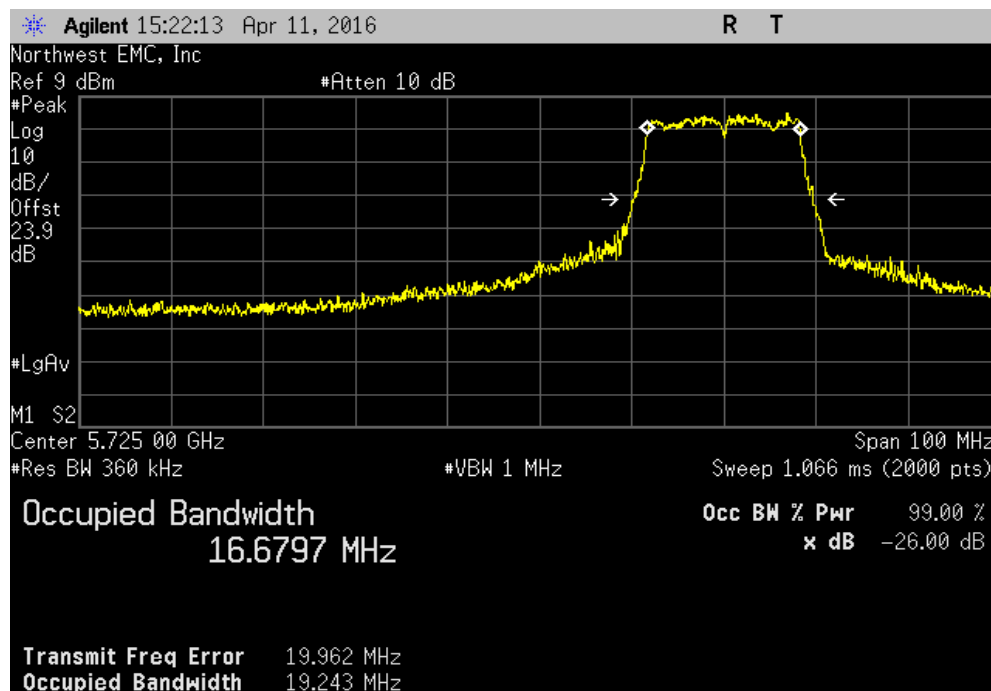


BAND EDGE

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

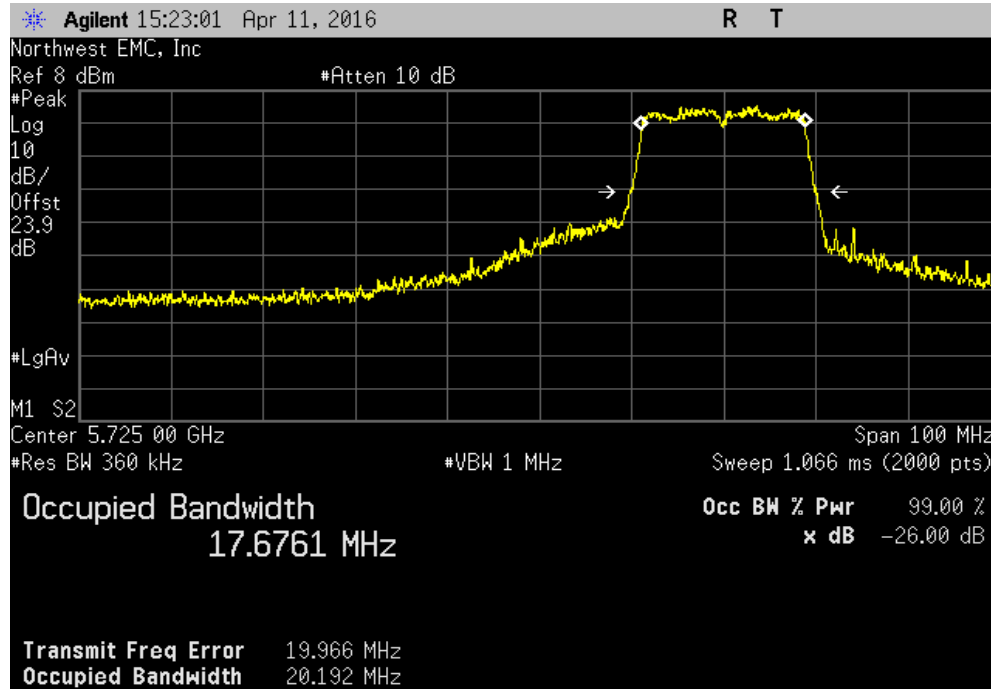


SISO, Chain B, 20MHz BW, Low Channel, Ch 149 - 5745 MHz, 802.11(a) 54 Mbps						
				OBW Within Band	Band Edge (MHz)	Result
				Yes	5725	Pass

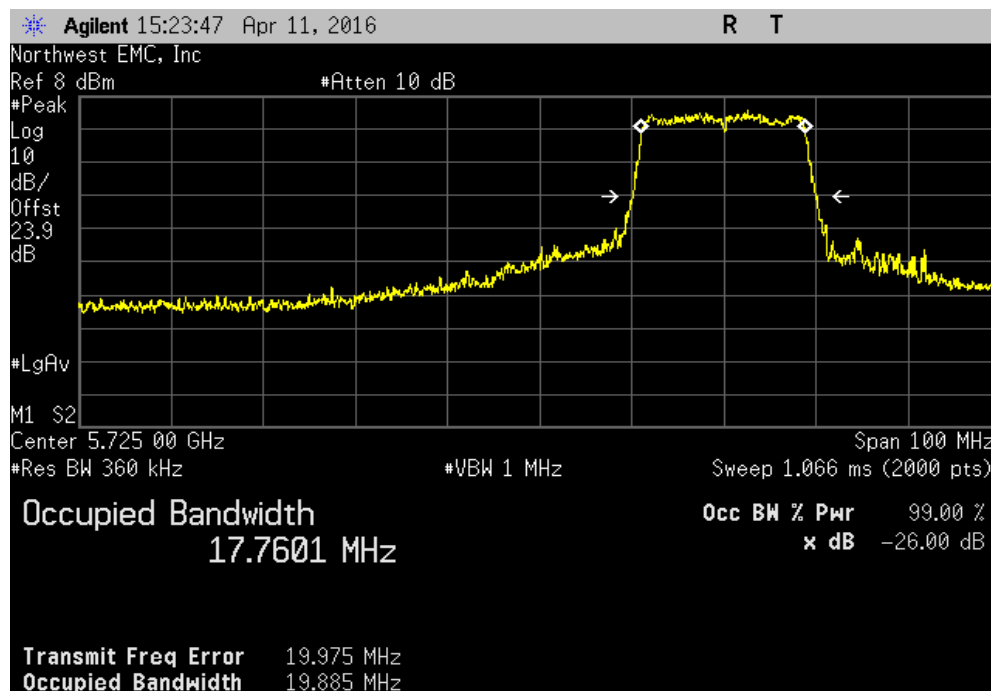


BAND EDGE

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

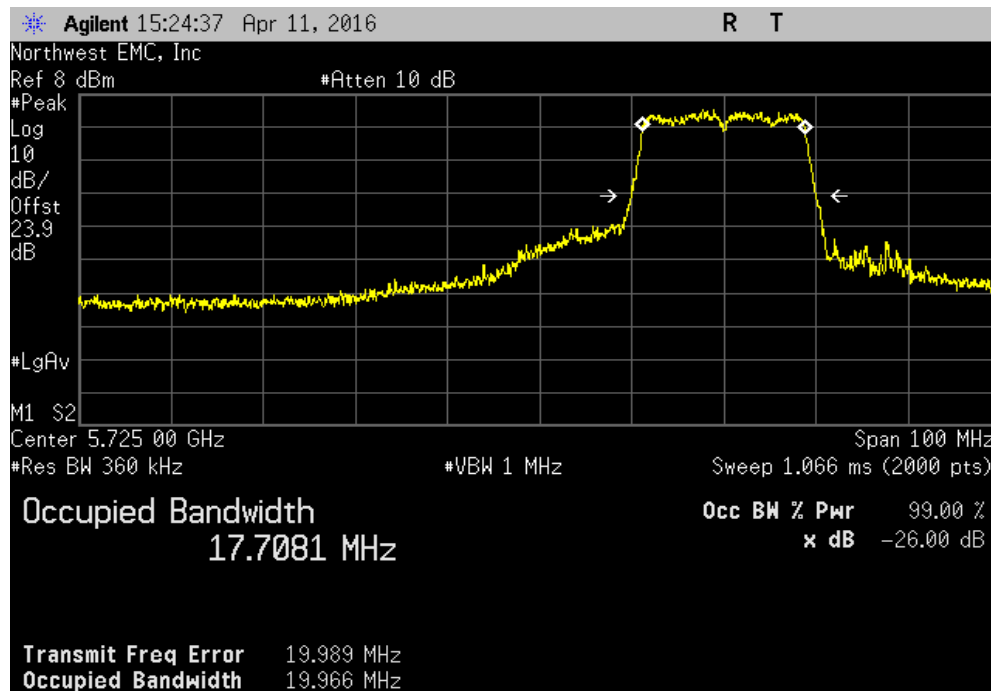


SISO, Chain B, 20MHz BW, Low Channel, Ch 149 - 5745 MHz, 802.11(n) MCS7						
				OBW Within Band	Band Edge (MHz)	Result
				Yes	5725	Pass

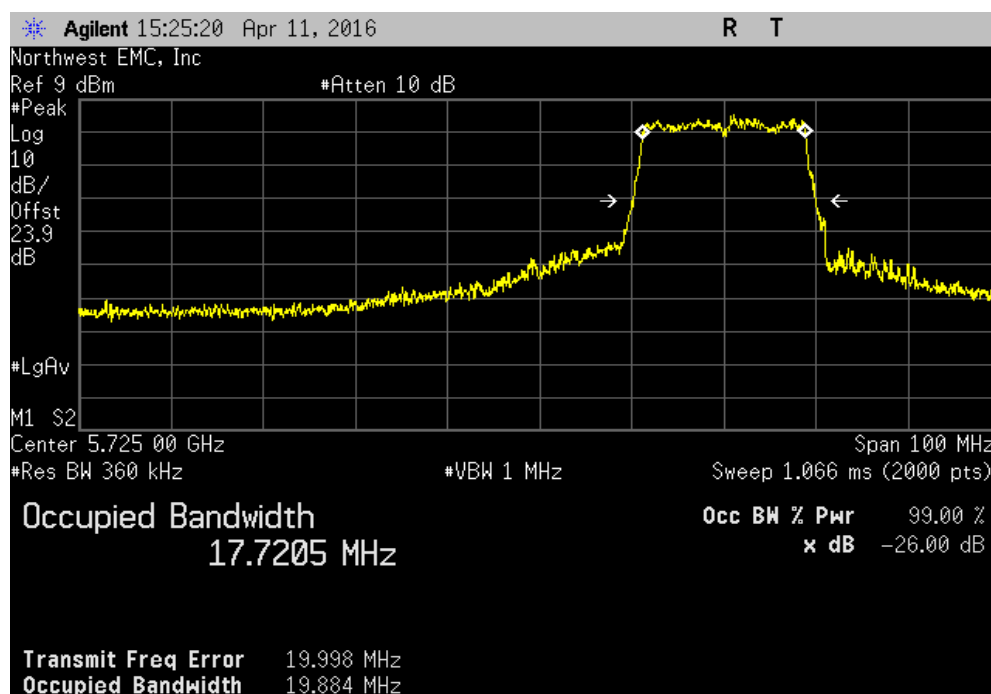


BAND EDGE

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

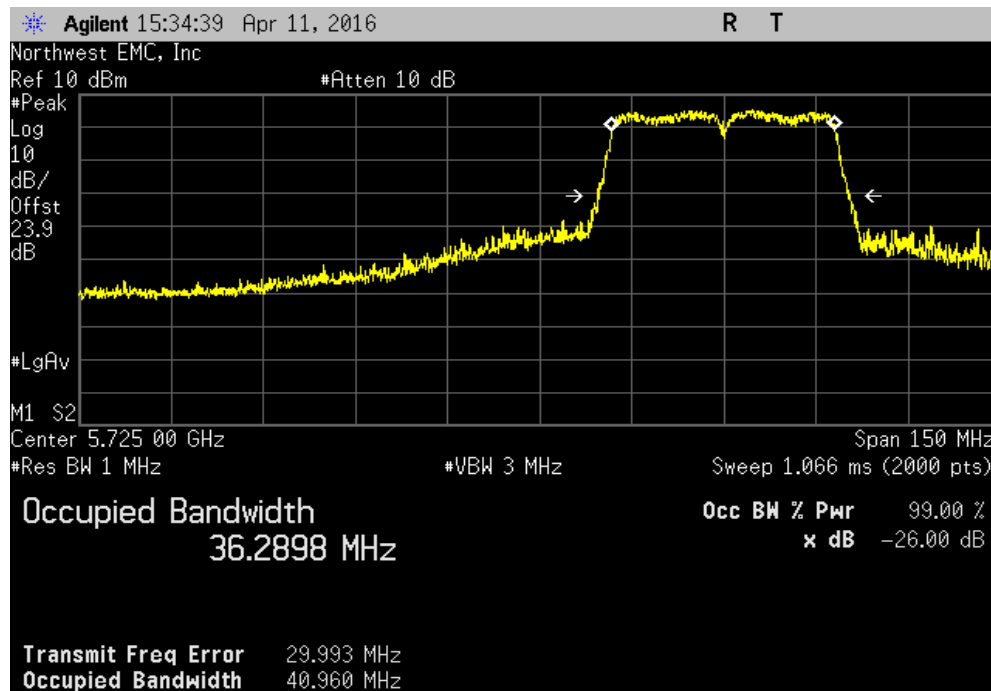


SISO, Chain B, 20MHz BW, Low Channel, Ch 149 - 5745 MHz, 802.11(ac) MCS8						
				OBW Within Band	Band Edge (MHz)	Result
				Yes	5725	Pass

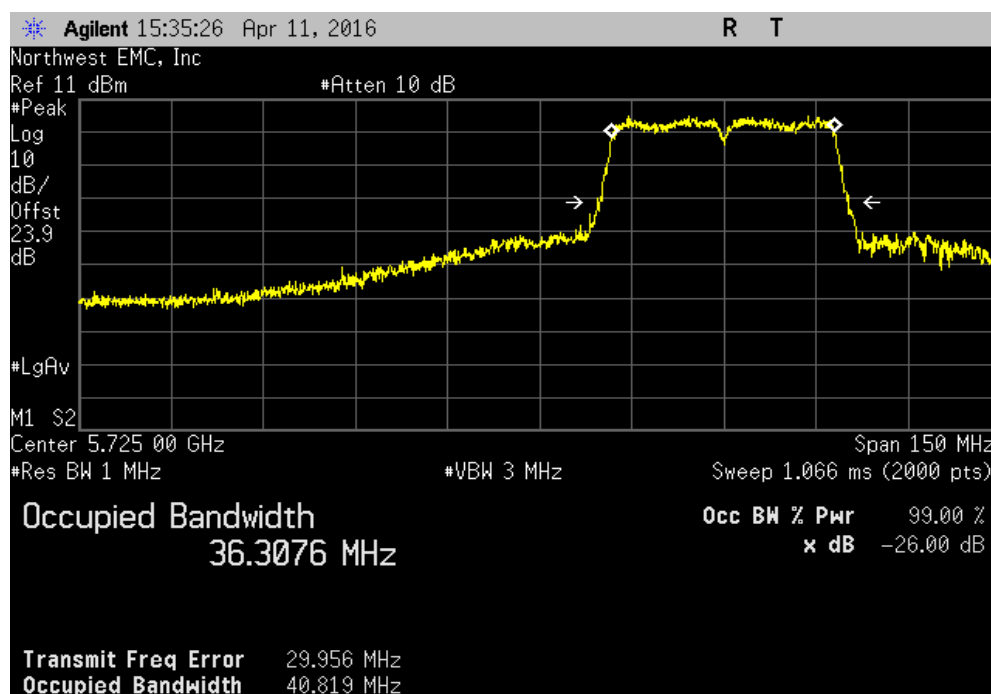


BAND EDGE

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

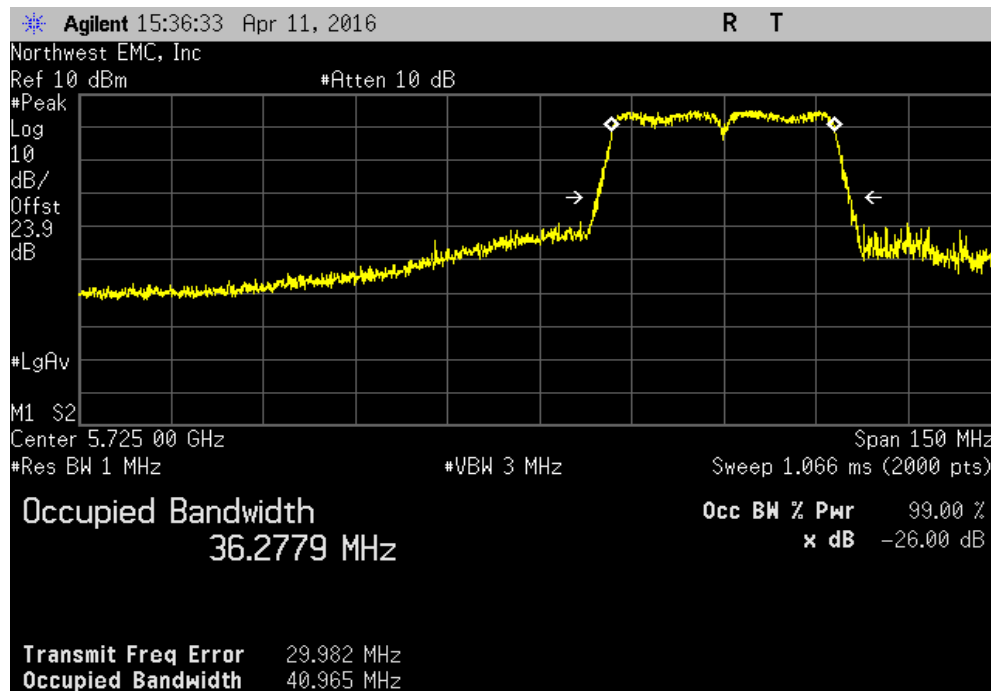


SISO, Chain B, 40MHz BW, Low Channel, Ch 149/153 - 5755 MHz, 802.11(n) MCS7						
				OBW Within Band	Band Edge (MHz)	Result
				Yes	5725	Pass

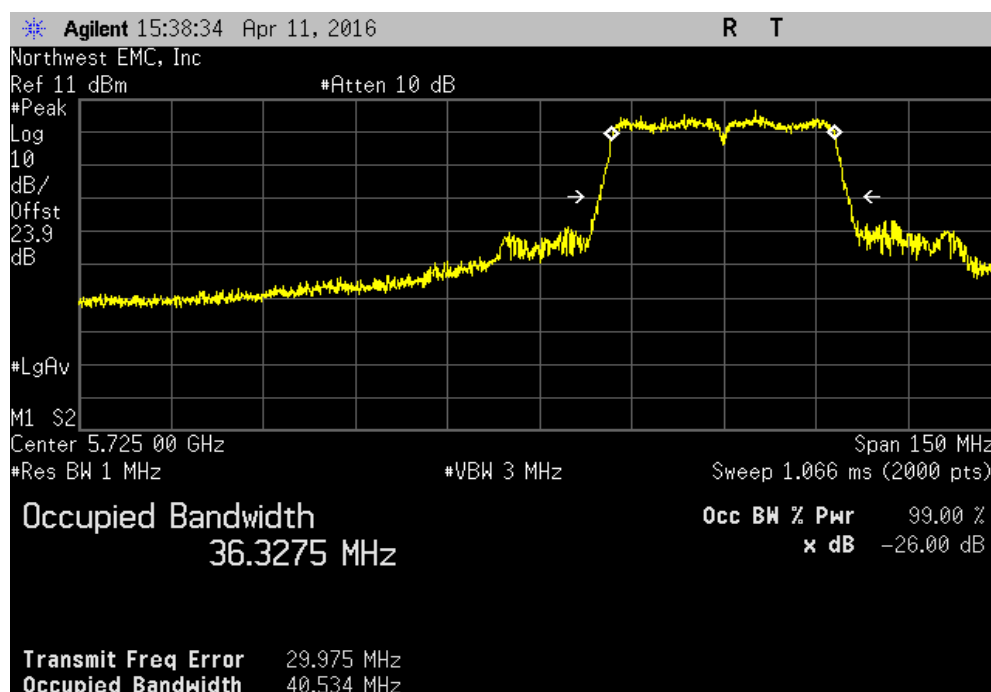


BAND EDGE

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

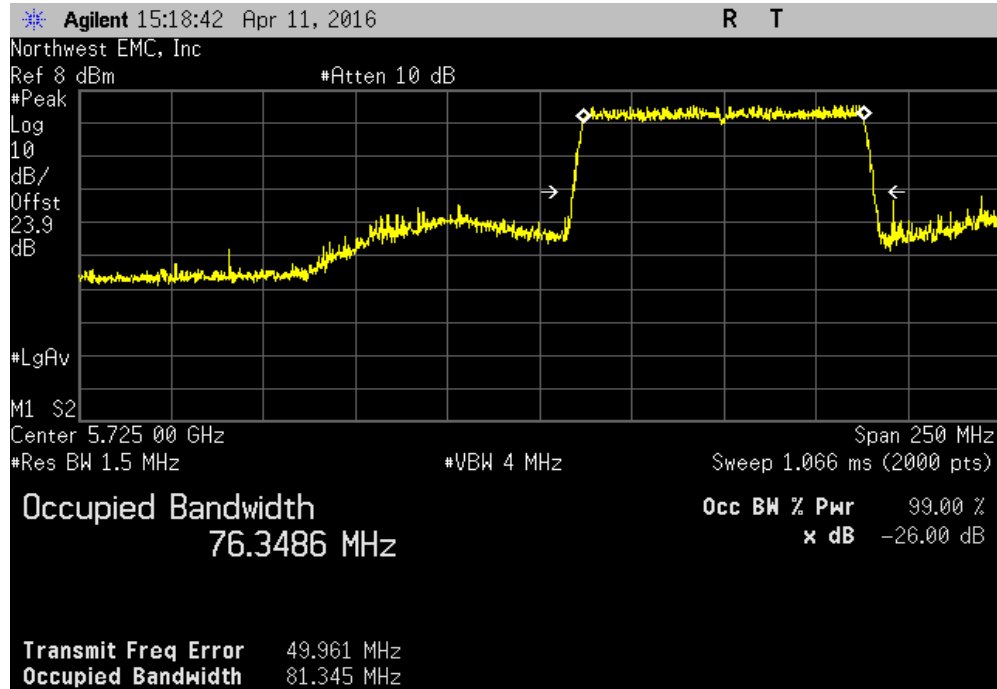


SISO, Chain B, 40MHz BW, Low Channel, Ch 149/153 - 5755 MHz, 802.11(ac) MCS9						
				OBW Within Band	Band Edge (MHz)	Result
				Yes	5725	Pass

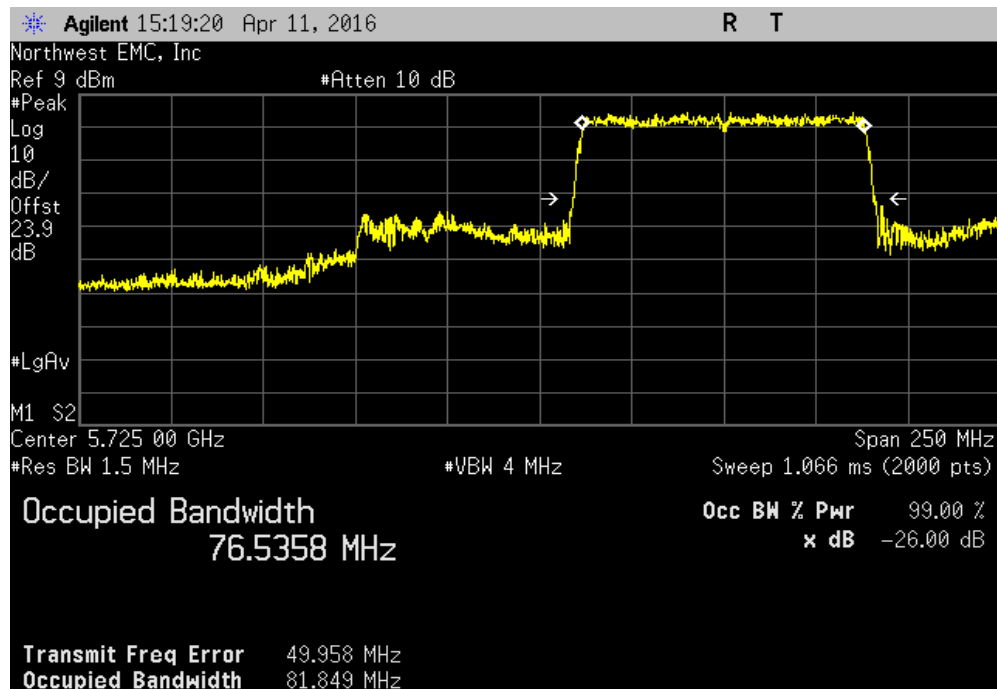


BAND EDGE

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

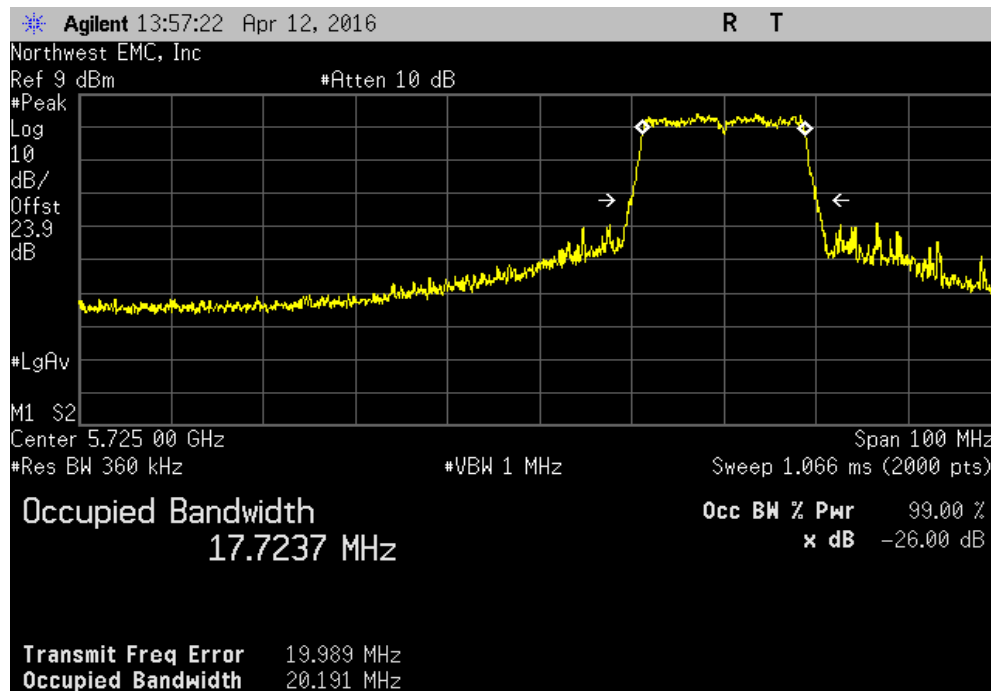


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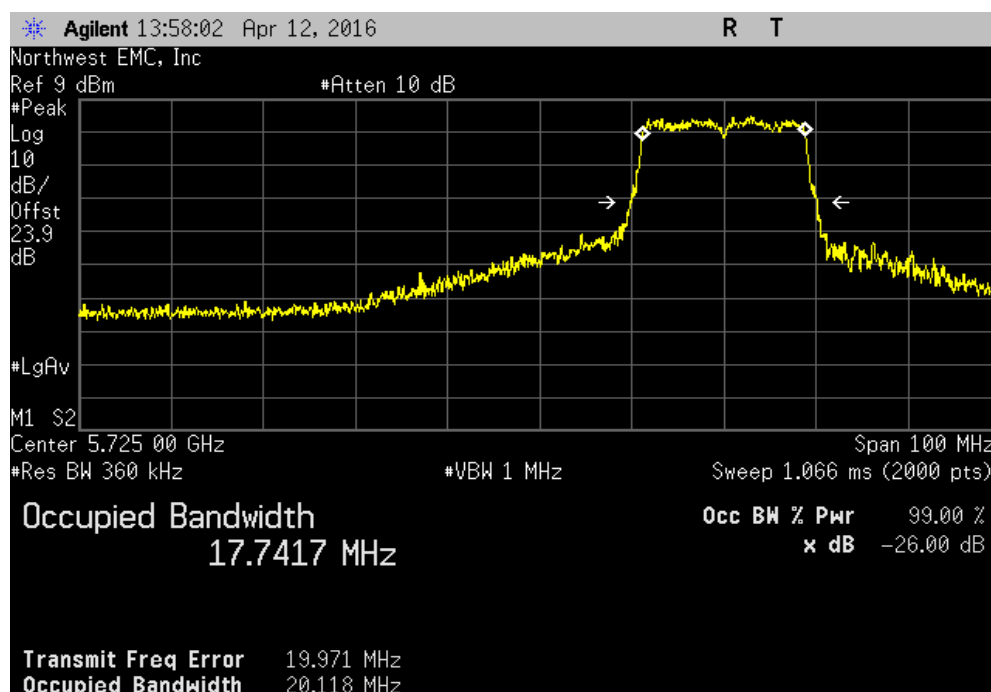
EUT: Model 1631		Work Order: MCSO1748	
Serial Number: 041152140753		Date: 04/12/16	
Customer: Microsoft Corporation		Temperature: 23°C	
Attendees: None		Humidity: 33%	
Project: None		Barometric Pres.: 1019 mbar	
Tested by: Richard Mellroth		Power: 110VAC/60Hz	
		Job Site: NC02	
TEST SPECIFICATIONS		Test 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
	802.11(n) MCS15	Yes	5725
	802.11(ac) MCS0	Yes	5725
	802.11(ac) MCS8	Yes	5725
40MHz BW			
Low Channel, Ch 149/153 - 5755 MHz			
	802.11(n) MCS8	Yes	5725
	802.11(n) MCS15	Yes	5725
	802.11(ac) MCS0	Yes	5725
	802.11(ac) MCS9	Yes	5725
80MHz BW			
Mid Channel, Ch 149/161 - 5775 MHz			
	802.11(ac) MCS0	Yes	5725
	802.11(ac) MCS9	Yes	5725
2x2 MIMO, Chain B			
20MHz BW			
Low Channel, Ch 149 - 5745 MHz			
	802.11(n) MCS8	Yes	5725
	802.11(n) MCS15	Yes	5725
	802.11(ac) MCS0	Yes	5725
	802.11(ac) MCS8	Yes	5725
40MHz BW			
Low Channel, Ch 149/153 - 5755 MHz			
	802.11(n) MCS8	Yes	5725
	802.11(n) MCS15	Yes	5725
	802.11(ac) MCS0	Yes	5725
	802.11(ac) MCS9	Yes	5725
80MHz BW			
Mid Channel, Ch 149/161 - 5775 MHz			
	802.11(ac) MCS0	Yes	5725
	802.11(ac) MCS9	Yes	5725

BAND EDGE

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

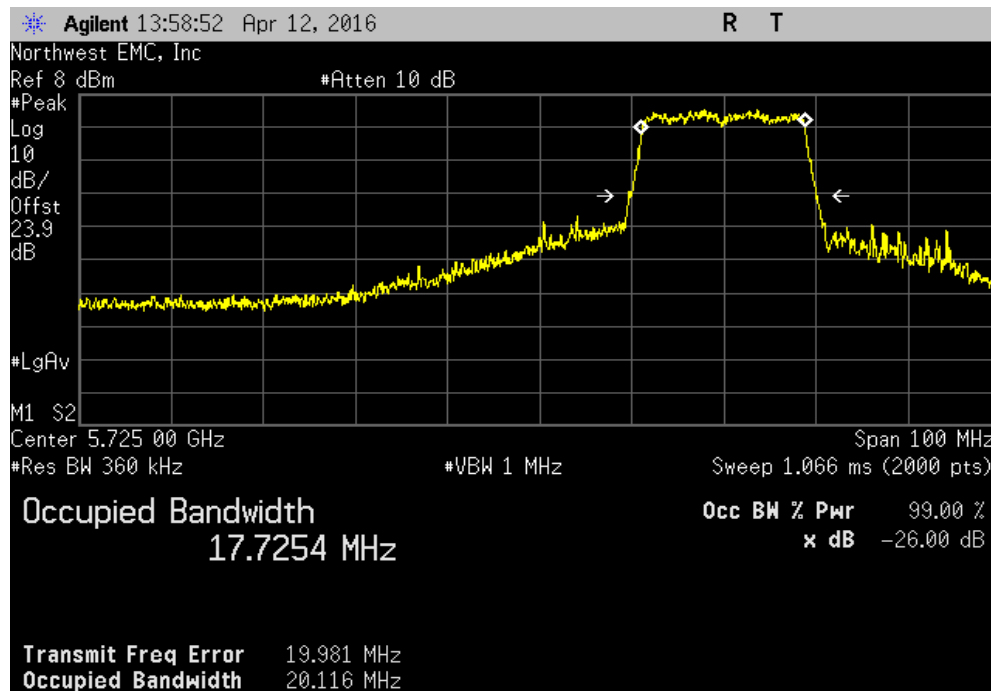


2x2 MIMO, Chain A, 20MHz BW, Low Channel, Ch 149 - 5745 MHz, 802.11(n) MCS15						
				OBW Within Band	Band Edge (MHz)	Result
				Yes	5725	Pass

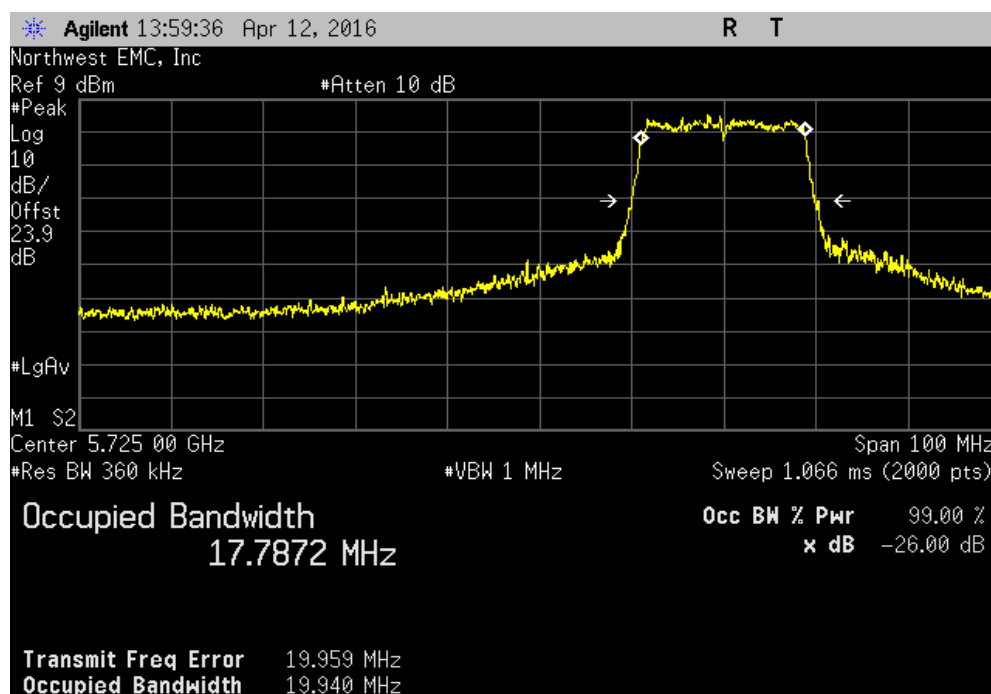


BAND EDGE

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

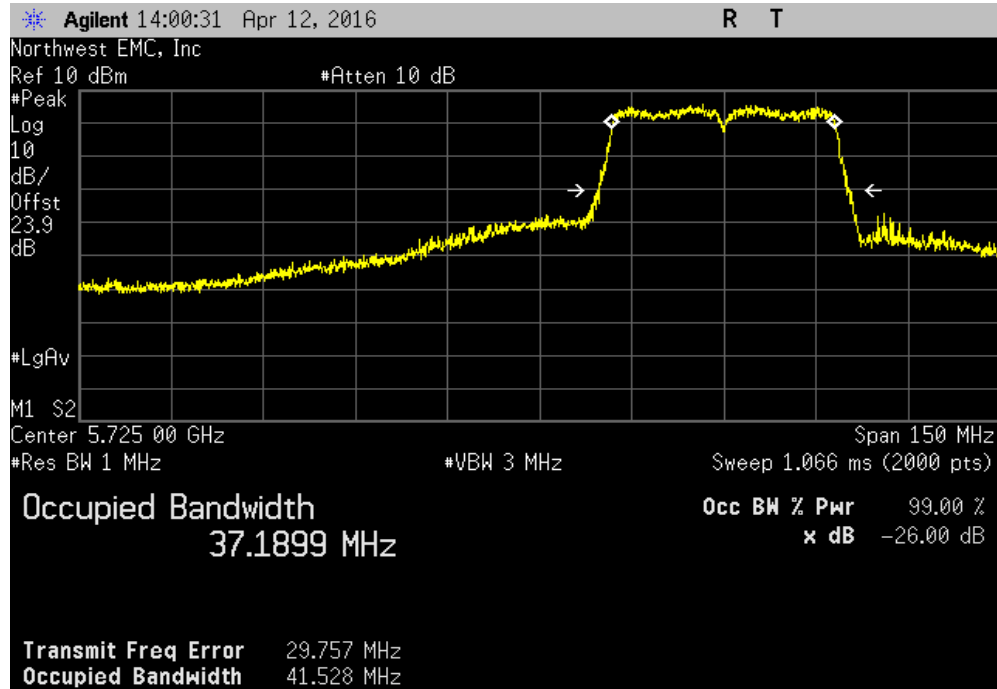


2x2 MIMO, Chain A, 20MHz BW, Low Channel, Ch 149 - 5745 MHz, 802.11(ac) MCS8						
				OBW	Band Edge	Result
				Within Band	(MHz)	
				Yes	5725	Pass

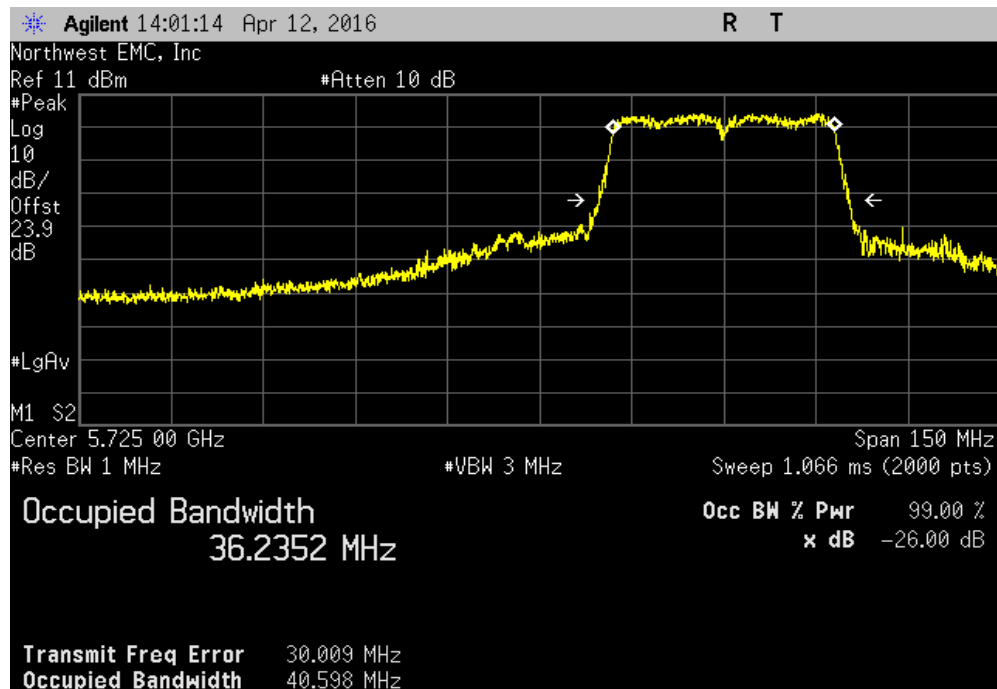


BAND EDGE

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

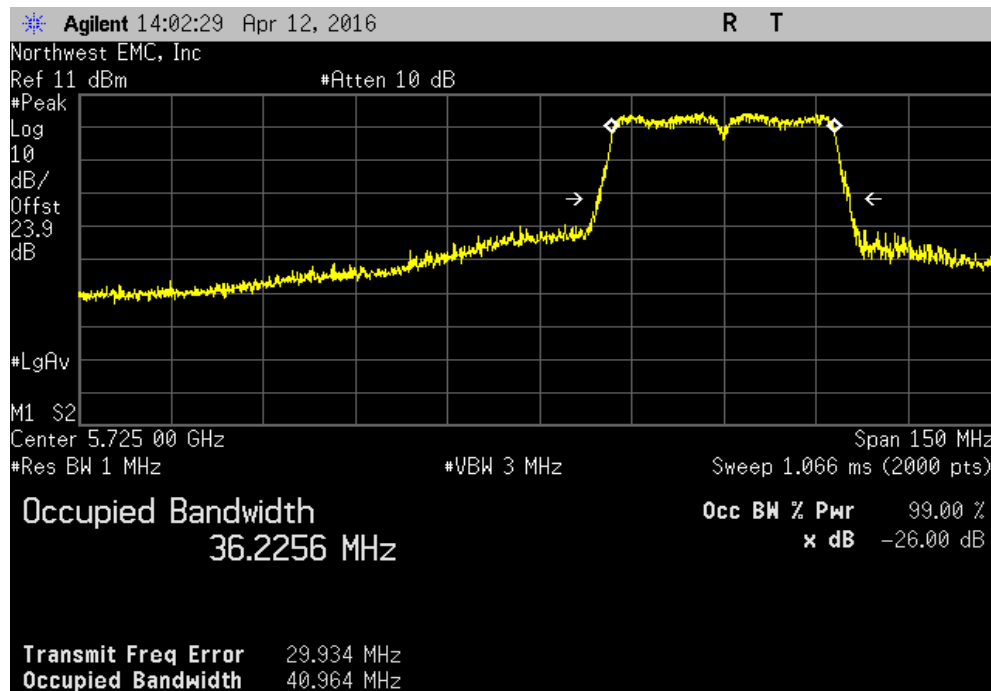


2x2 MIMO, Chain A, 40MHz BW, Low Channel, Ch 149/153 - 5755 MHz, 802.11(n) MCS15						
				OBW Within Band	Band Edge (MHz)	Result
				Yes	5725	Pass

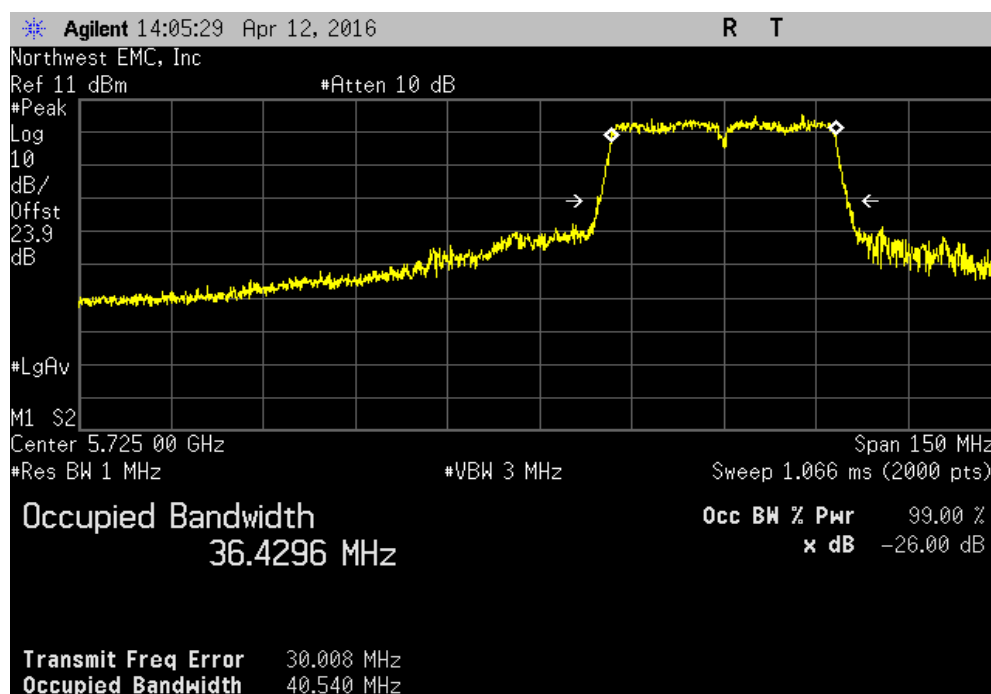


BAND EDGE

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

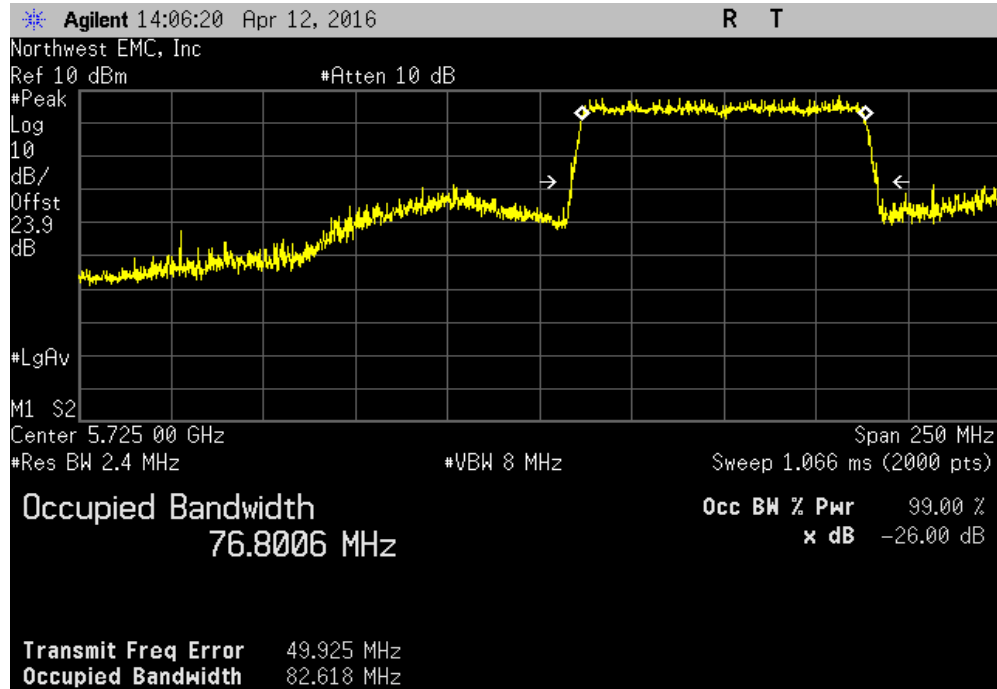


2x2 MIMO, Chain A, 40MHz BW, Low Channel, Ch 149/153 - 5755 MHz, 802.11(ac) MCS9						
				OBW Within Band	Band Edge (MHz)	Result
				Yes	5725	Pass

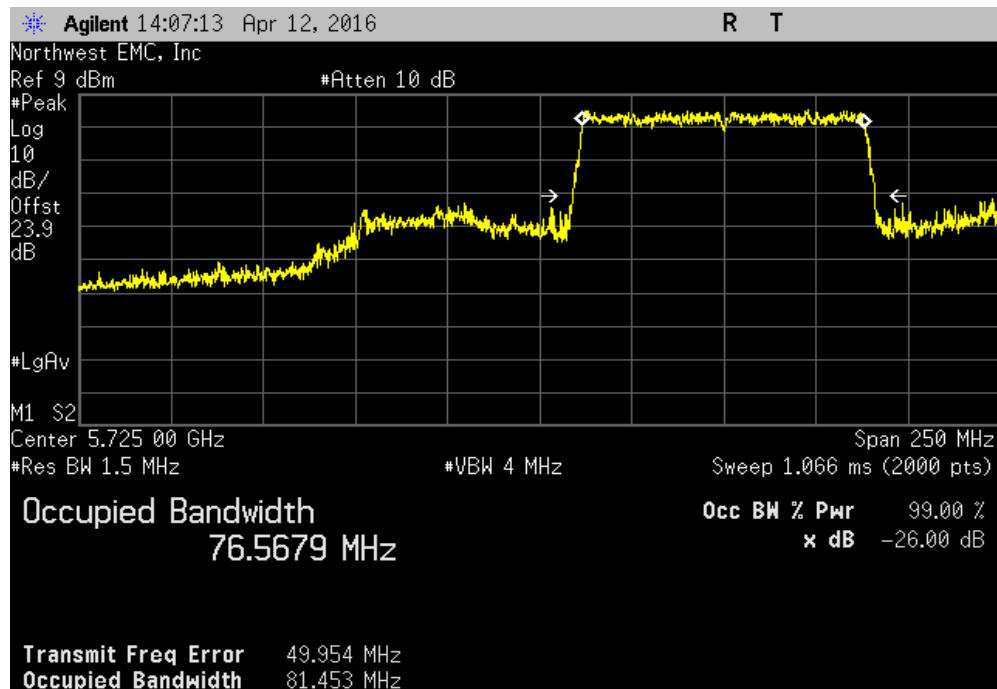


BAND EDGE

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

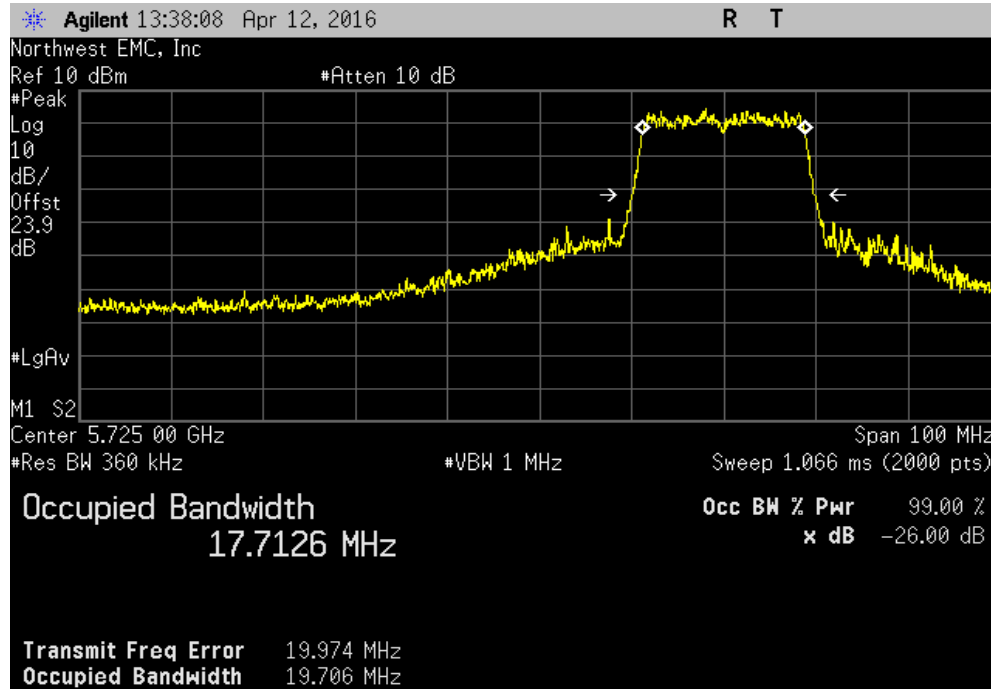


2x2 MIMO, Chain A, 80MHz BW, Mid Channel, Ch 149/161 - 5775 MHz, 802.11(ac) MCS9						
				OBW Within Band	Band Edge (MHz)	Result
				Yes	5725	Pass

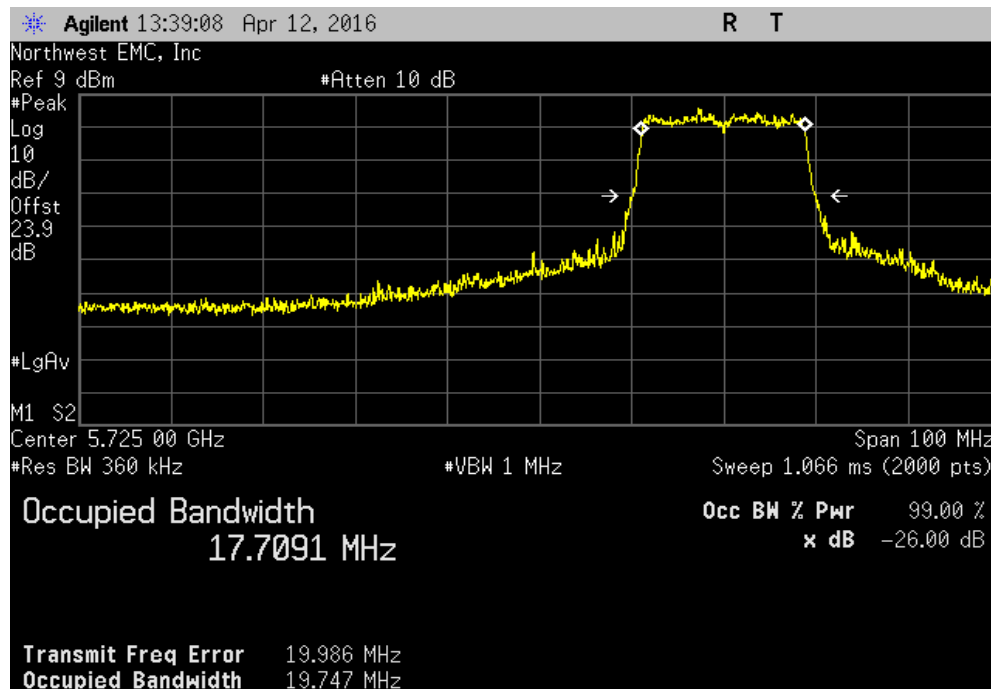


BAND EDGE

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

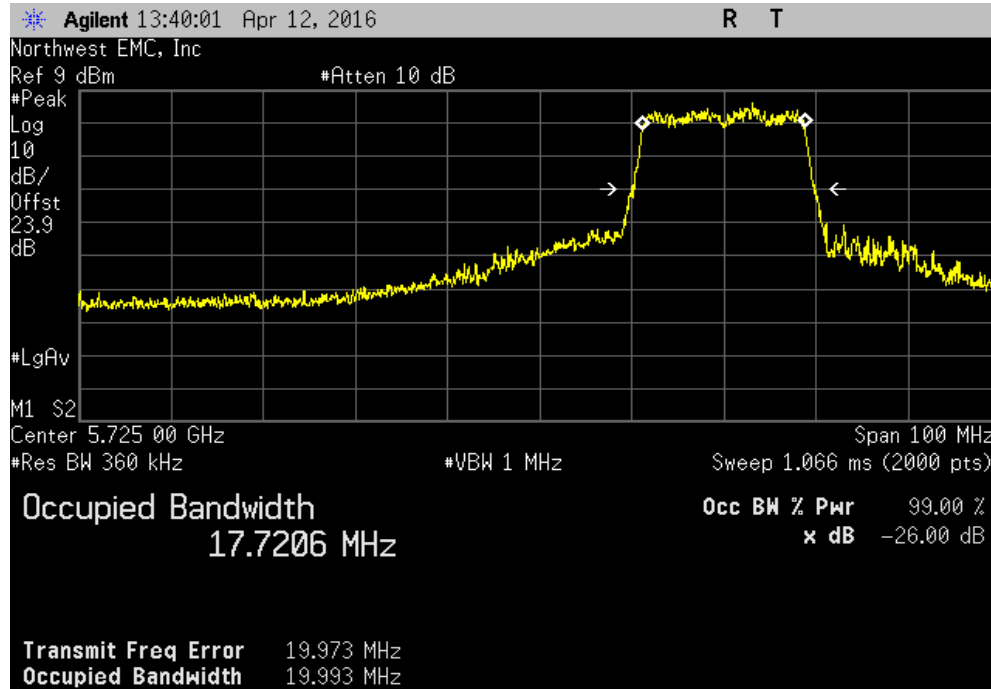


2x2 MIMO, Chain B, 20MHz BW, Low Channel, Ch 149 - 5745 MHz, 802.11(n) MCS15						
				OBW Within Band	Band Edge (MHz)	Result
				Yes	5725	Pass

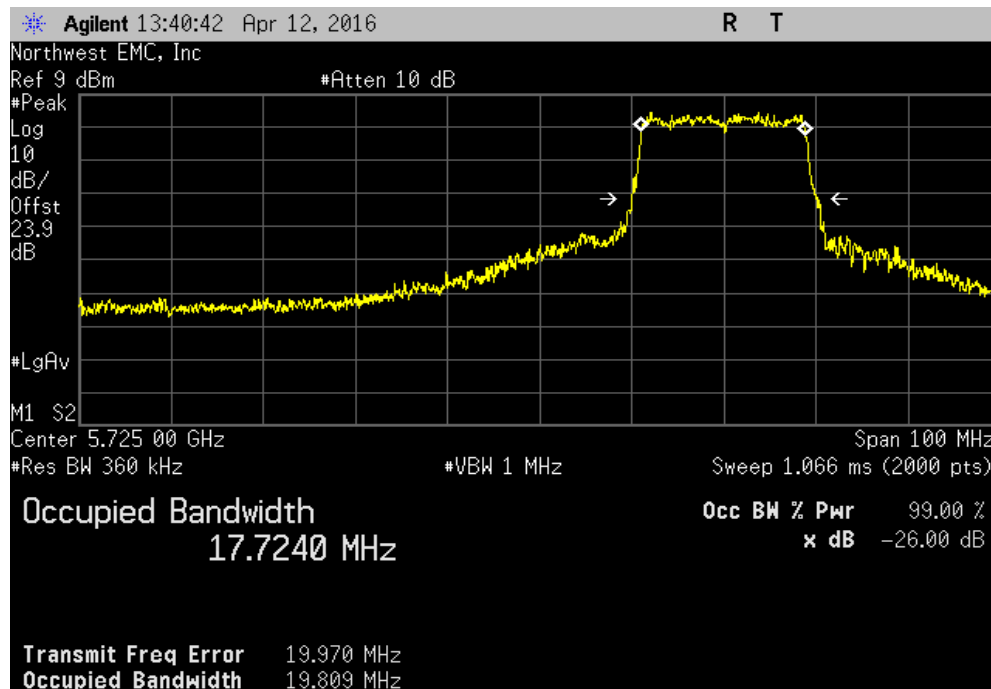


BAND EDGE

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

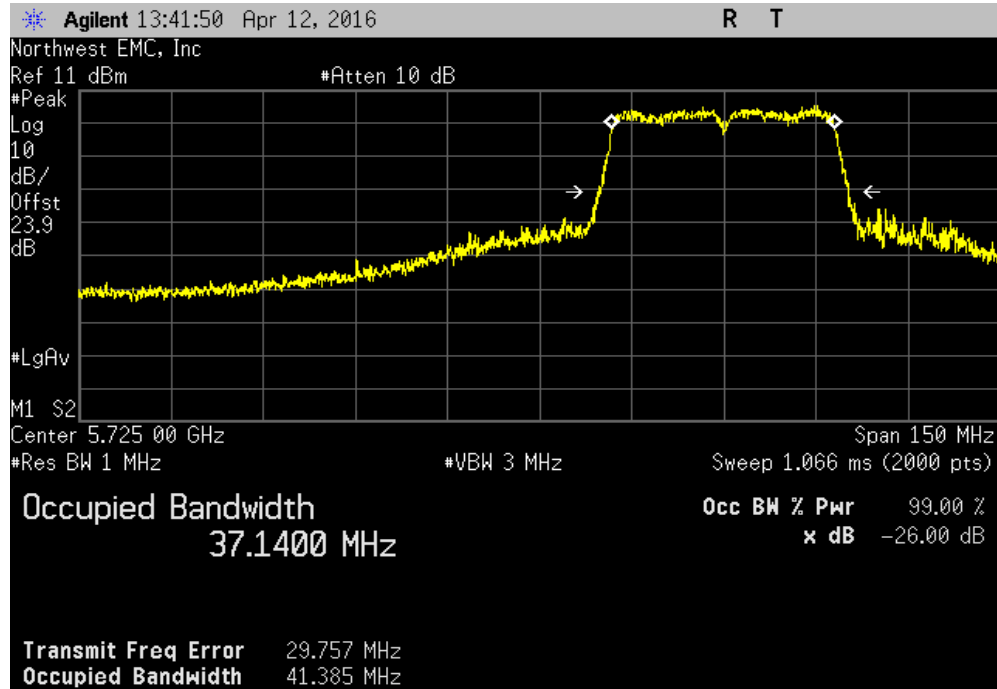


2x2 MIMO, Chain B, 20MHz BW, Low Channel, Ch 149 - 5745 MHz, 802.11(ac) MCS8						
				OBW	Band Edge	Result
				Within Band	(MHz)	
				Yes	5725	Pass

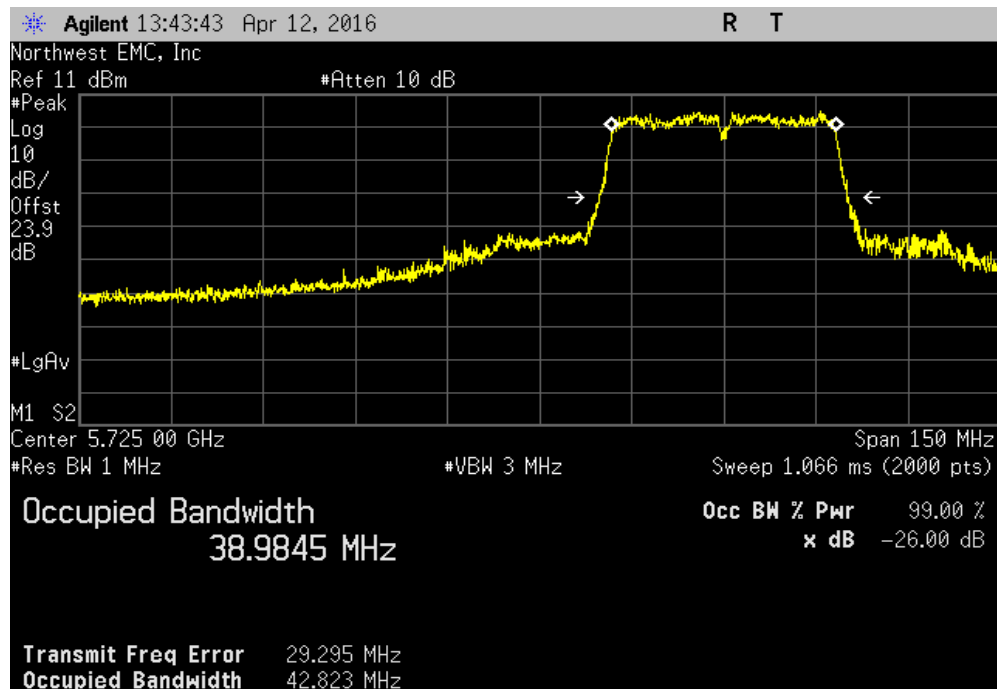


BAND EDGE

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

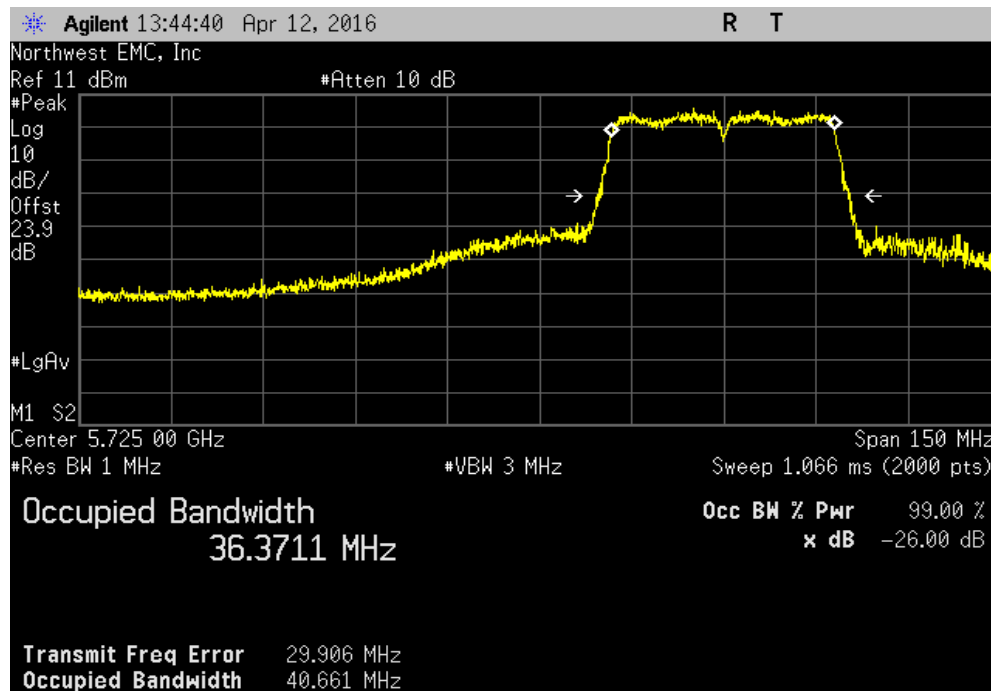


2x2 MIMO, Chain B, 40MHz BW, Low Channel, Ch 149/153 - 5755 MHz, 802.11(n) MCS15						
				OBW Within Band	Band Edge (MHz)	Result
				Yes	5725	Pass

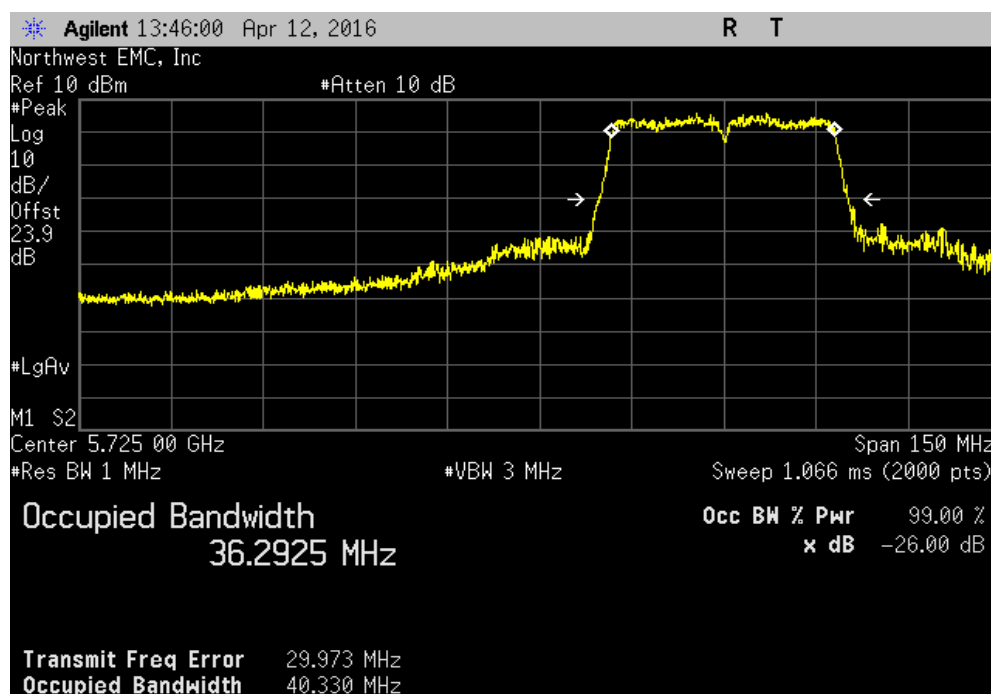


BAND EDGE

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

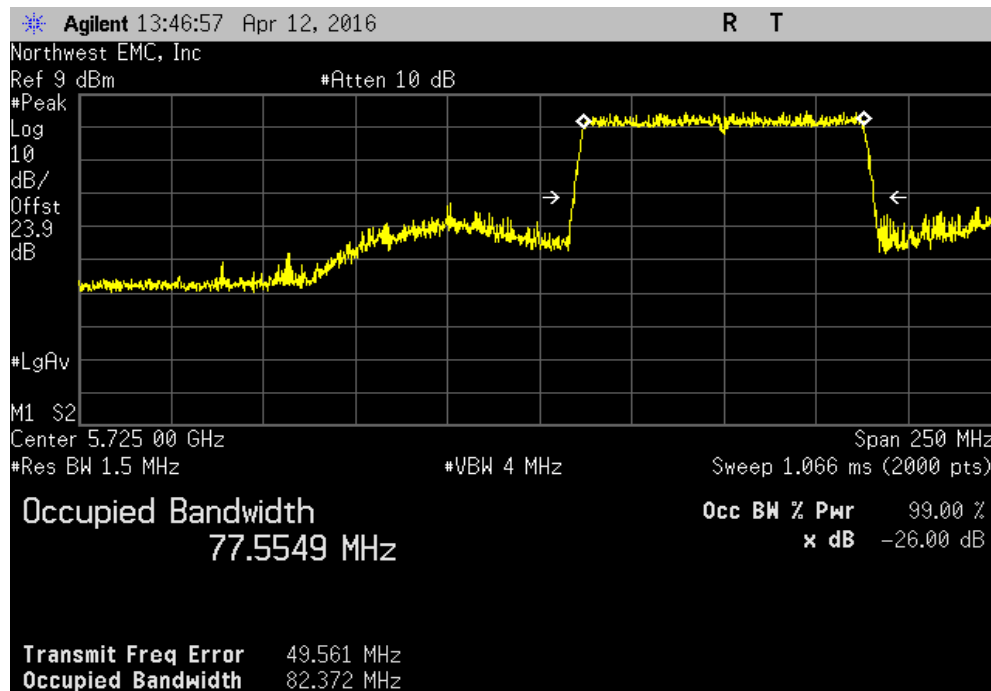


2x2 MIMO, Chain B, 40MHz BW, Low Channel, Ch 149/153 - 5755 MHz, 802.11(ac) MCS9						
				OBW Within Band	Band Edge (MHz)	Result
				Yes	5725	Pass

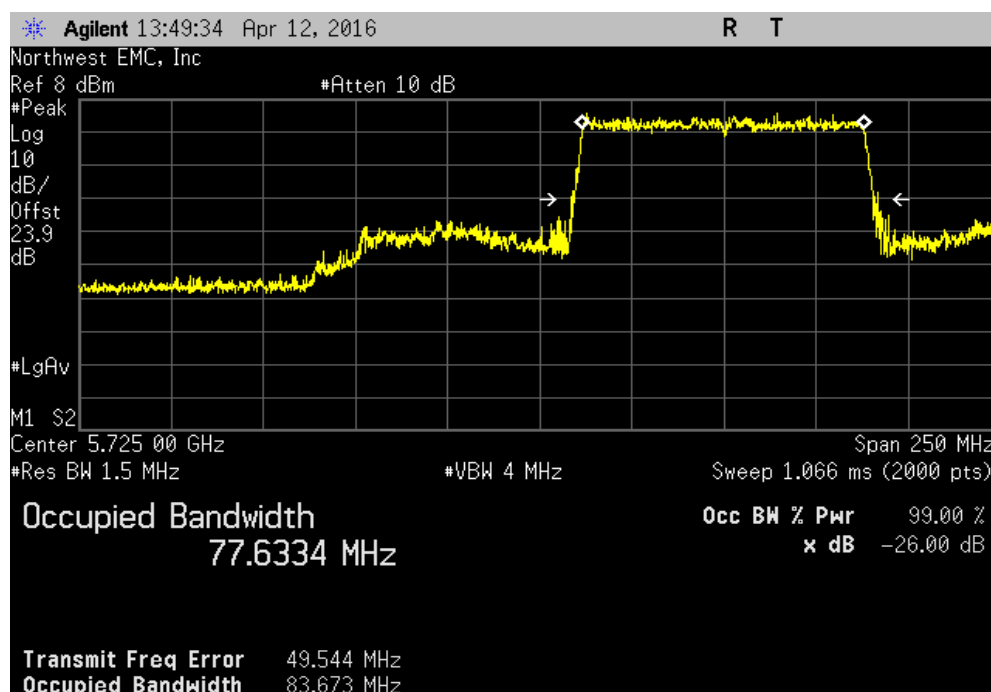


BAND EDGE

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).

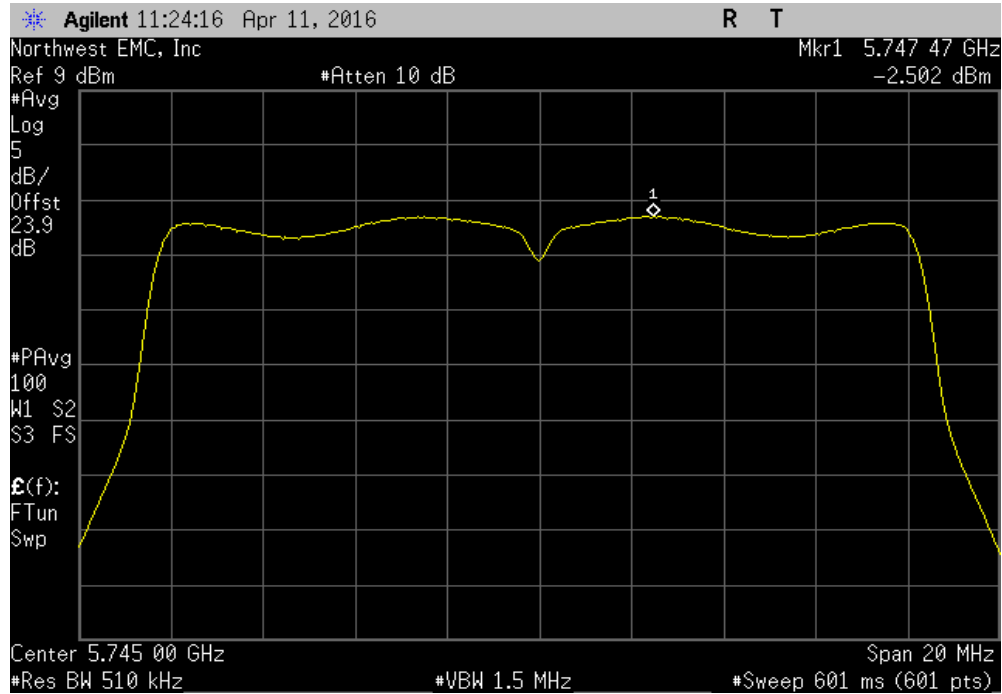
A duty cycle correction factor was added to the measurement using the results of the formula of $10 \cdot \log(1/D)$ where D is the

MAXIMUM POWER SPECTRAL DENSITY

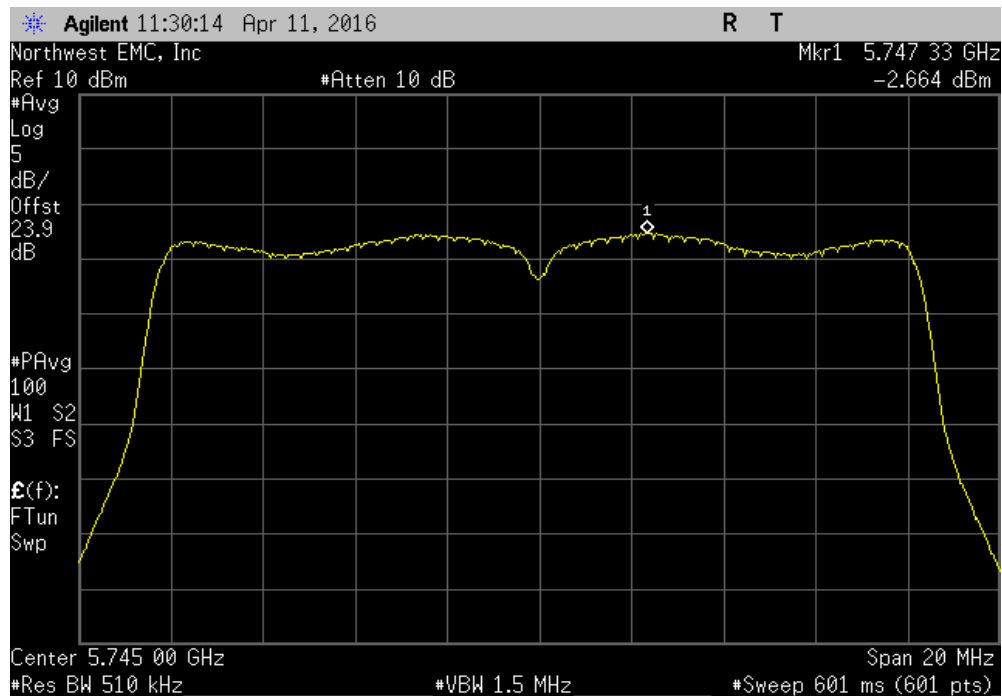
EUT: Model 1631		Work Order: MCSO1748				
Serial Number: 041152140753		Date: 04/12/16				
Customer: Microsoft Corporation		Temperature: 23°C				
Attendees: None		Humidity: 33%				
Project: None		Barometric Pres.: 1019 mbar				
Tested by: Richard Mellroth		Power: 110VAC/60Hz				
Job Site: NC02						
TEST 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 				
		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	-2.5	30	Pass
	802.11(a) 36 Mbps	-2.664	0.3	-2.4	30	Pass
	802.11(a) 54 Mbps	-2.77	0.4	-2.3	30	Pass
	802.11(n) MCS0	-2.671	0	-2.6	30	Pass
	802.11(n) MCS7	-3.084	0.4	-2.7	30	Pass
	802.11(ac) MCS0	-2.737	0	-2.7	30	Pass
	802.11(ac) MCS8	-2.88	0.4	-2.5	30	Pass
Mid Channel, Ch 157 - 5785 MHz						
	802.11(a) 6 Mbps	-2.455	0	-2.4	30	Pass
	802.11(a) 36 Mbps	-2.545	0.3	-2.3	30	Pass
	802.11(a) 54 Mbps	-2.632	0.4	-2.2	30	Pass
	802.11(n) MCS0	-2.632	0	-2.6	30	Pass
	802.11(n) MCS7	-2.914	0.4	-2.5	30	Pass
	802.11(ac) MCS0	-2.587	0	-2.5	30	Pass
	802.11(ac) MCS8	-2.703	0.4	-2.3	30	Pass
High Channel, Ch 165 - 5825 MHz						
	802.11(a) 6 Mbps	-2.338	0	-2.3	30	Pass
	802.11(a) 36 Mbps	-2.618	0.3	-2.4	30	Pass
	802.11(a) 54 Mbps	-2.606	0.4	-2.2	30	Pass
	802.11(n) MCS0	-2.661	0	-2.6	30	Pass
	802.11(n) MCS7	-2.718	0.4	-2.3	30	Pass
	802.11(ac) MCS0	-2.633	0	-2.6	30	Pass
	802.11(ac) MCS8	-2.672	0.4	-2.3	30	Pass
40MHz BW						
Low Channel, Ch 149/153 - 5755 MHz						
	802.11(n) MCS0	-6.021	0.2	-5.8	30	Pass
	802.11(n) MCS7	-5.997	1.5	-4.5	30	Pass
	802.11(ac) MCS0	-5.947	0.2	-5.8	30	Pass
	802.11(ac) MCS9	-5.88	1.6	-4.2	30	Pass
High Channel, Ch 157/161 - 5795 MHz						
	802.11(n) MCS0	-5.898	0.2	-5.7	30	Pass
	802.11(n) MCS7	-6.111	1.5	-4.6	30	Pass
	802.11(ac) MCS0	-5.913	0.2	-5.8	30	Pass
	802.11(ac) MCS9	-5.972	1.6	-4.3	30	Pass
80MHz BW						
Mid Channel, Ch 149/161 - 5775 MHz						
	802.11(ac) MCS0	-11.041	0.3	-10.7	30	Pass
	802.11(ac) MCS9	-10.952	1.8	-9.1	30	Pass
SISO, Chain B						
20MHz BW						
Low Channel, Ch 149 - 5745 MHz						
	802.11(a) 6 Mbps	-2.858	0	-2.8	30	Pass
	802.11(a) 36 Mbps	-2.547	0.3	-2.3	30	Pass
	802.11(a) 54 Mbps	-2.9	0.4	-2.5	30	Pass
	802.11(n) MCS0	-3.032	0	-3	30	Pass
	802.11(n) MCS7	-3.097	0.4	-2.7	30	Pass
	802.11(ac) MCS0	-2.956	0	-2.9	30	Pass
	802.11(ac) MCS8	-3.018	0.4	-2.6	30	Pass
Mid Channel, Ch 157 - 5785 MHz						
	802.11(a) 6 Mbps	-2.417	0	-2.4	30	Pass
	802.11(a) 36 Mbps	-2.785	0.3	-2.5	30	Pass
	802.11(a) 54 Mbps	-2.773	0.4	-2.4	30	Pass
	802.11(n) MCS0	-2.794	0	-2.8	30	Pass
	802.11(n) MCS7	-2.912	0.4	-2.5	30	Pass
	802.11(ac) MCS0	-2.79	0	-2.8	30	Pass
	802.11(ac) MCS8	-2.927	0.4	-2.5	30	Pass
High Channel, Ch 165 - 5825 MHz						
	802.11(a) 6 Mbps	-2.57	0	-2.5	30	Pass
	802.11(a) 36 Mbps	-2.716	0.3	-2.5	30	Pass
	802.11(a) 54 Mbps	-2.794	0.4	-2.4	30	Pass
	802.11(n) MCS0	-2.858	0	-2.8	30	Pass
	802.11(n) MCS7	-2.945	0.4	-2.5	30	Pass
	802.11(ac) MCS0	-2.743	0	-2.7	30	Pass
	802.11(ac) MCS8	-2.766	0.4	-2.4	30	Pass
40MHz BW						
Low Channel, Ch 149/153 - 5755 MHz						
	802.11(n) MCS0	-5.84	0.2	-5.7	30	Pass
	802.11(n) MCS7	-6.31	1.5	-4.8	30	Pass
	802.11(ac) MCS0	-5.888	0.2	-5.7	30	Pass
	802.11(ac) MCS9	-5.786	1.6	-4.2	30	Pass
High Channel, Ch 157/161 - 5795 MHz						
	802.11(n) MCS0	-5.836	0.2	-5.7	30	Pass
	802.11(n) MCS7	-6.224	1.5	-4.7	30	Pass
	802.11(ac) MCS0	-5.785	0.2	-5.6	30	Pass
	802.11(ac) MCS9	-6.023	1.7	-4.4	30	Pass
80MHz BW						
Mid Channel, Ch 149/161 - 5775 MHz						
	802.11(ac) MCS0	-10.331	0.2	-10.1	30	Pass
	802.11(ac) MCS9	-10.294	1.9	-8.4	30	Pass

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	

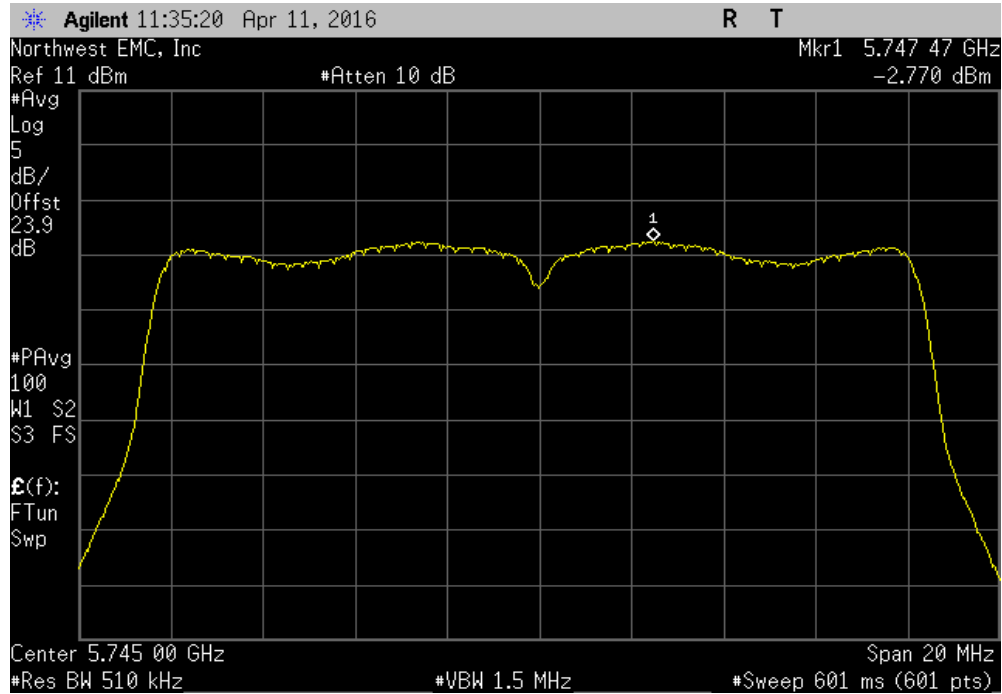


SISO, Chain A, 20MHz BW, Low Channel, Ch 149 - 5745 MHz, 802.11(a) 36 Mbps						
	Power (dBm/Ref BW)	Duty Cycle Factor (dB)	Density (dBm/Ref BW)	Limit (dBm / Ref BW)	Results	
	-2.664	0.3	-2.4	30	Pass	

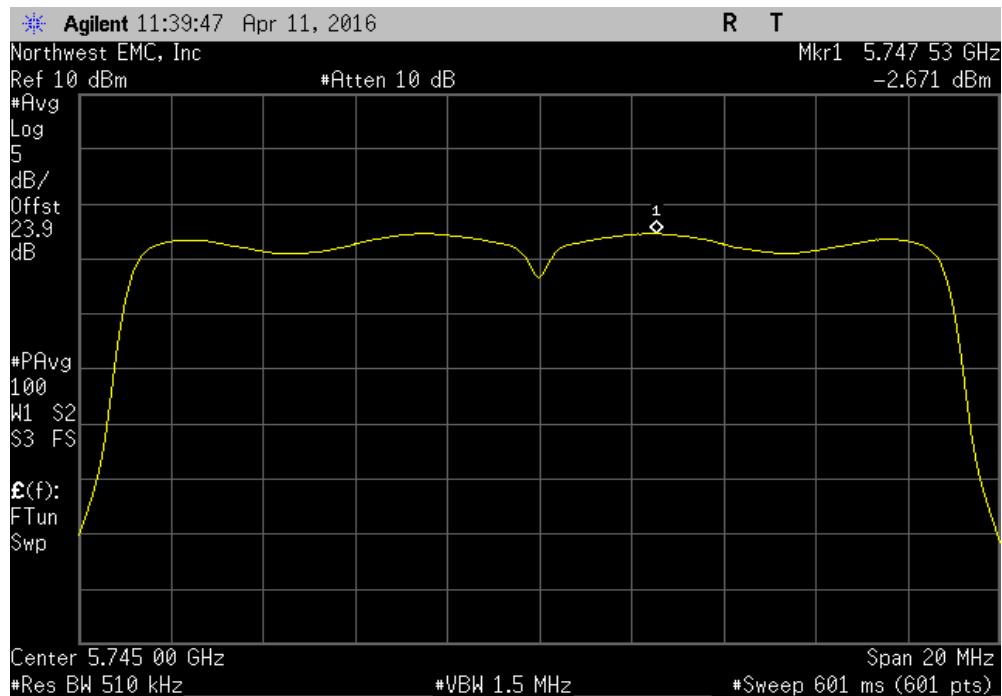


MAXIMUM POWER SPECTRAL DENSITY

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		

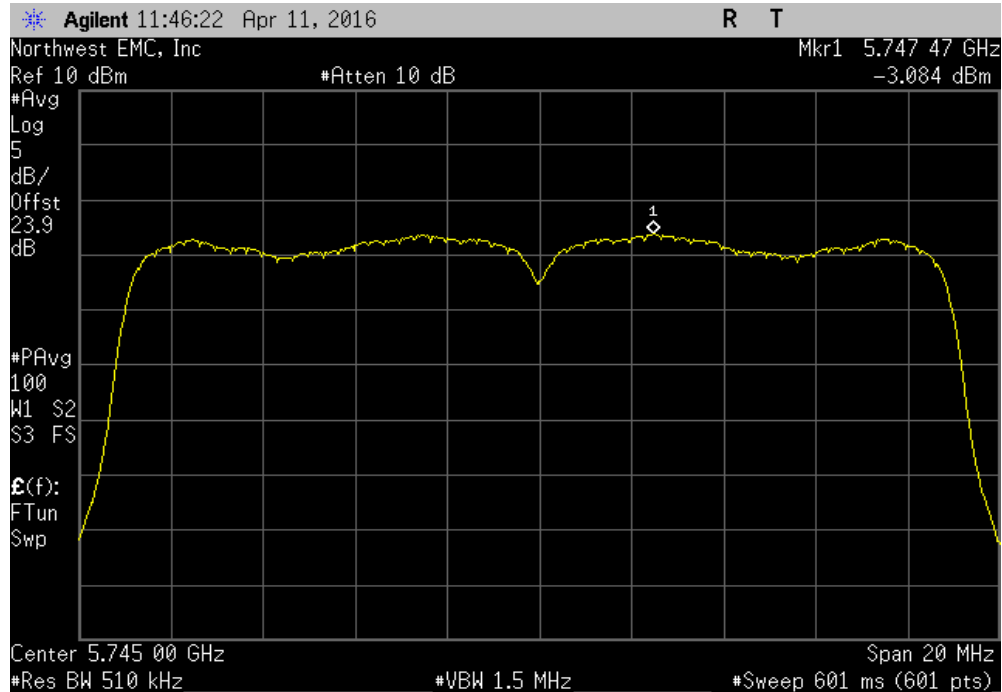


SISO, Chain A, 20MHz BW, Low Channel, Ch 149 - 5745 MHz, 802.11(n) MCS0						
Power (dBm/Ref BW)	Duty Cycle Factor (dB)	Density (dBm/Ref BW)	Limit (dBm / Ref BW)	Results		
-2.671	0	-2.6	30	Pass		

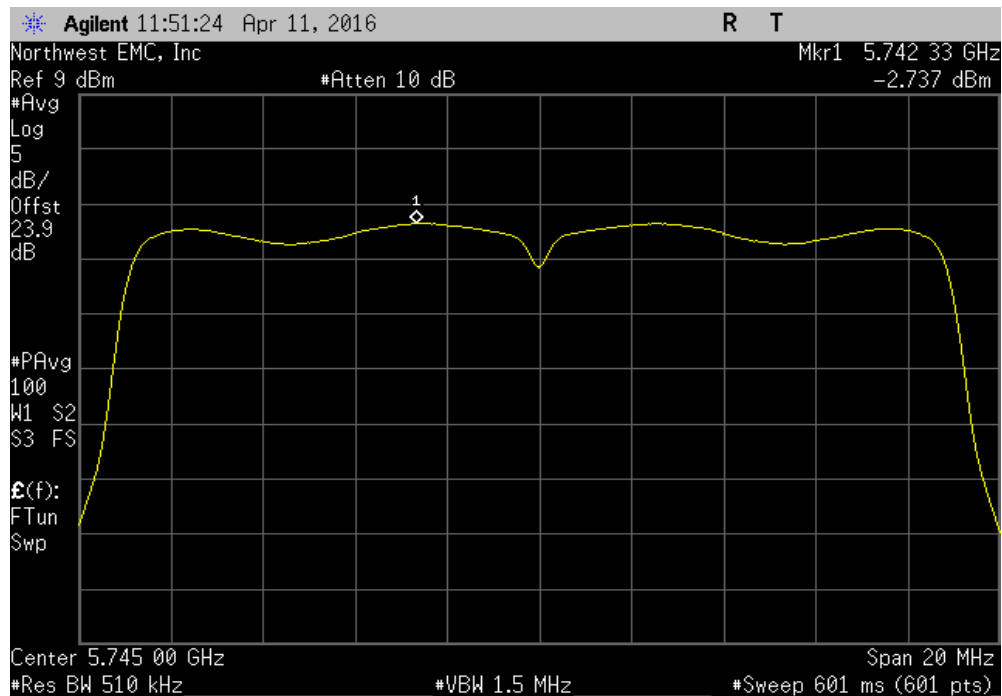


MAXIMUM POWER SPECTRAL DENSITY

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		

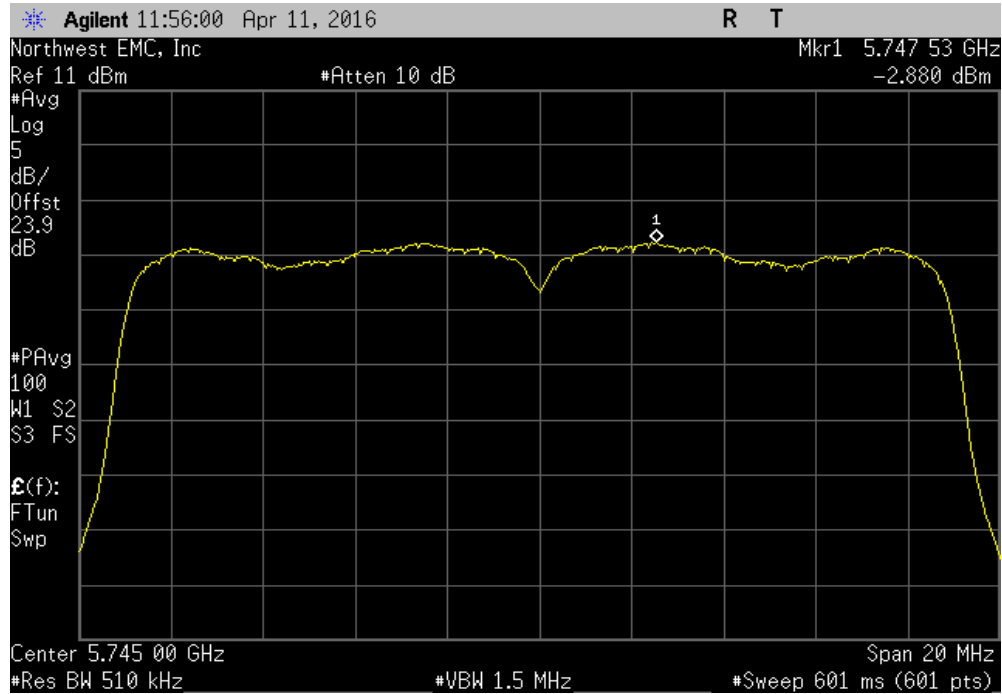


SISO, Chain A, 20MHz BW, Low Channel, Ch 149 - 5745 MHz, 802.11(ac) MCS0						
Power (dBm/Ref BW)	Duty Cycle Factor (dB)	Density (dBm/Ref BW)	Limit (dBm / Ref BW)	Results		
-2.737	0	-2.7	30	Pass		

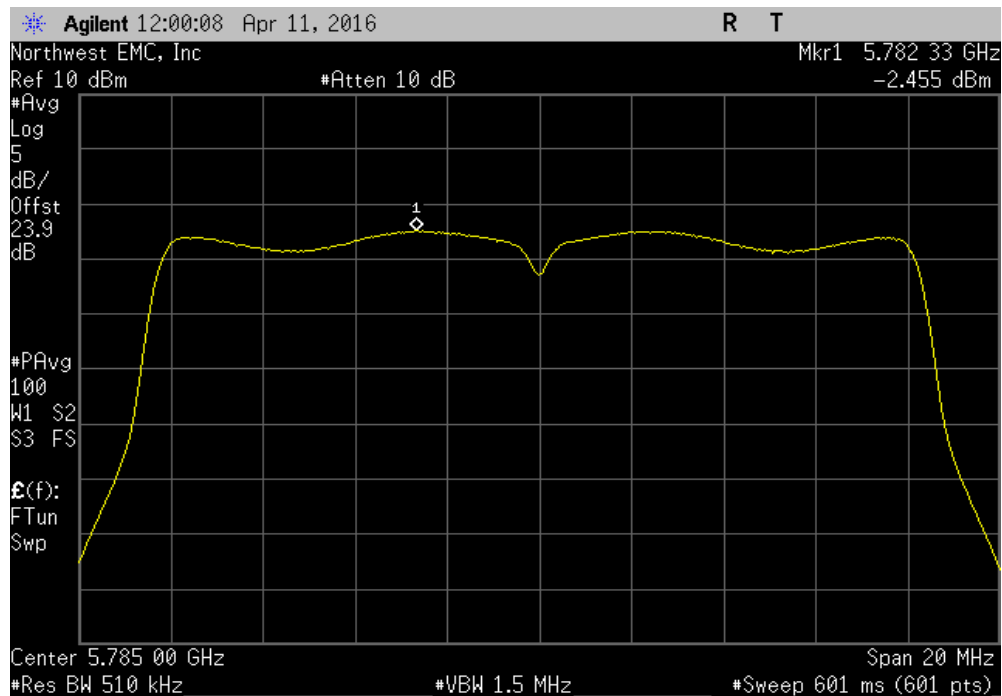


MAXIMUM POWER SPECTRAL DENSITY

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		

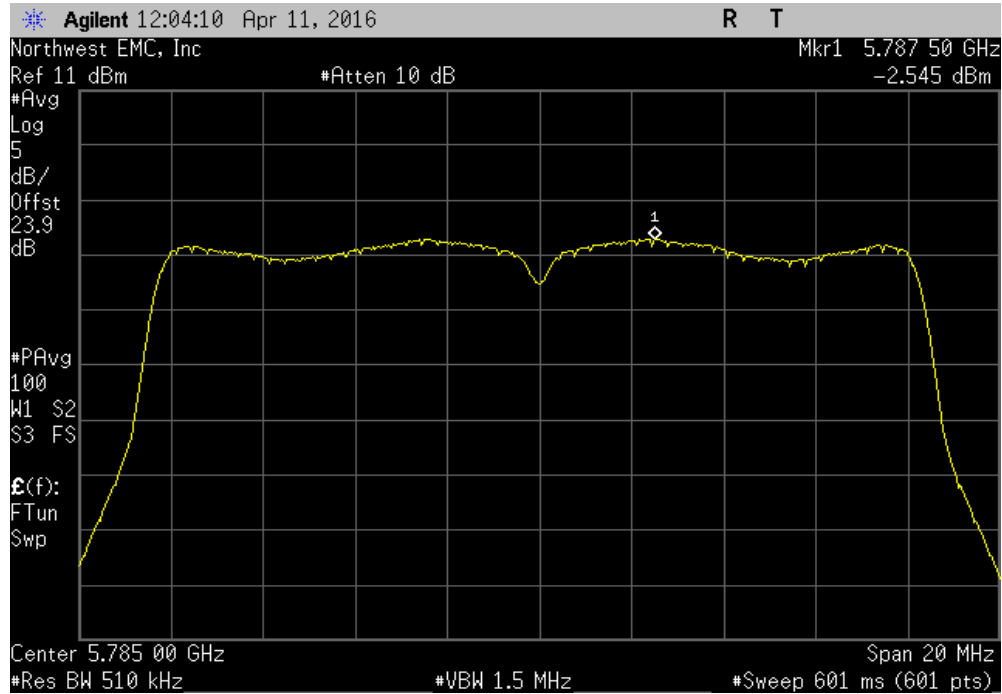


SISO, Chain A, 20MHz BW, Mid Channel, Ch 157 - 5785 MHz, 802.11(a) 6 Mbps						
Power (dBm/Ref BW)	Duty Cycle Factor (dB)	Density (dBm/Ref BW)	Limit (dBm / Ref BW)	Results		
-2.455	0	-2.4	30	Pass		

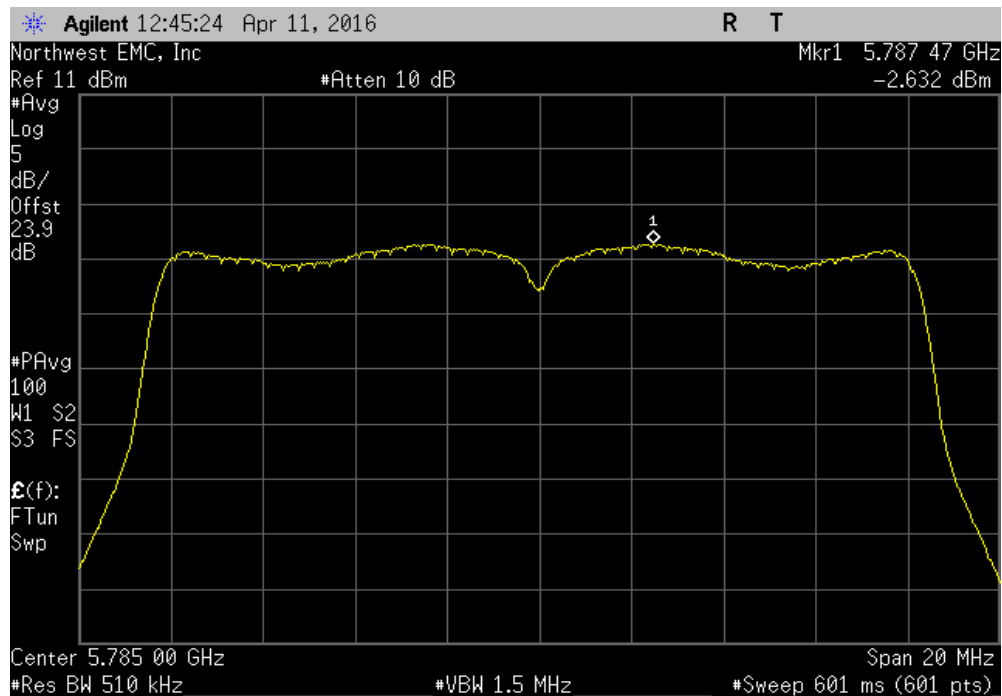


MAXIMUM POWER SPECTRAL DENSITY

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		

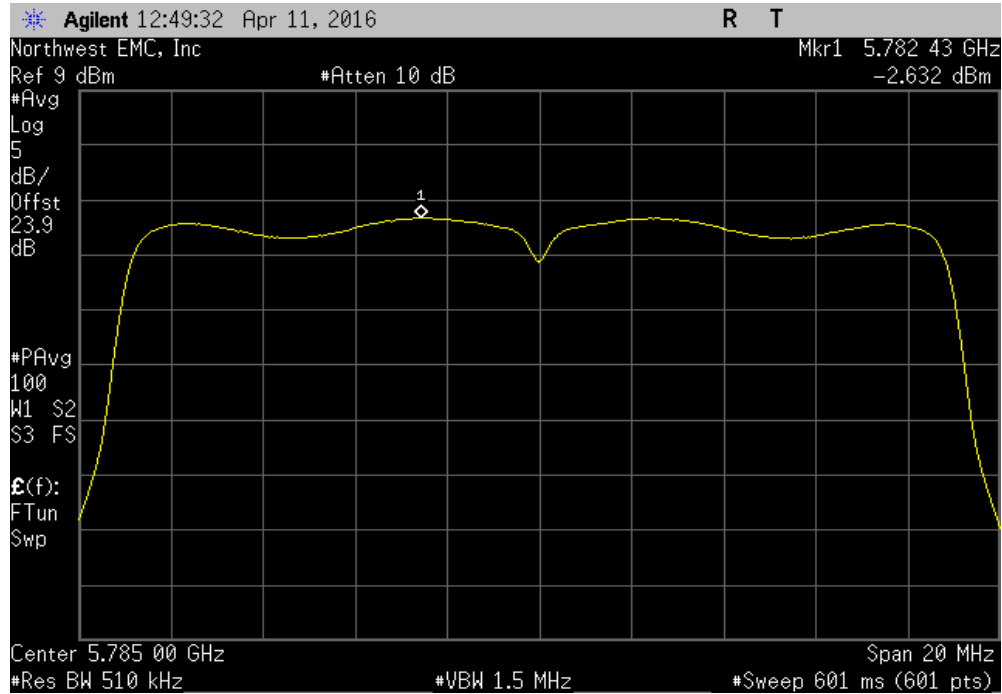


SISO, Chain A, 20MHz BW, Mid Channel, Ch 157 - 5785 MHz, 802.11(a) 54 Mbps						
Power (dBm/Ref BW)	Duty Cycle Factor (dB)	Density (dBm/Ref BW)	Limit (dBm / Ref BW)	Results		
-2.632	0.4	-2.2	30	Pass		

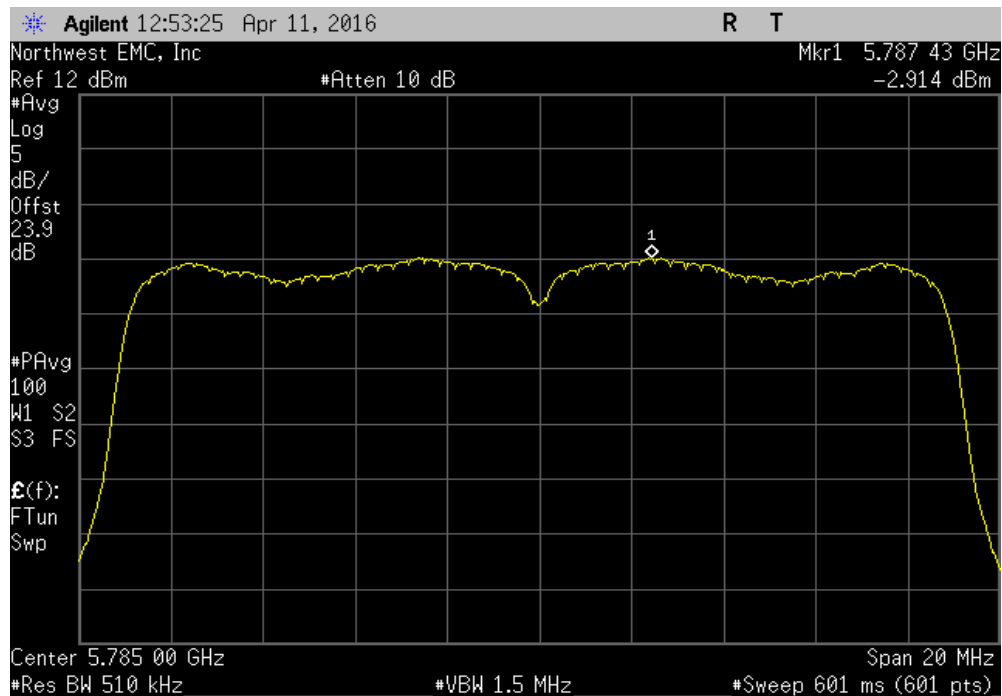


MAXIMUM POWER SPECTRAL DENSITY

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		

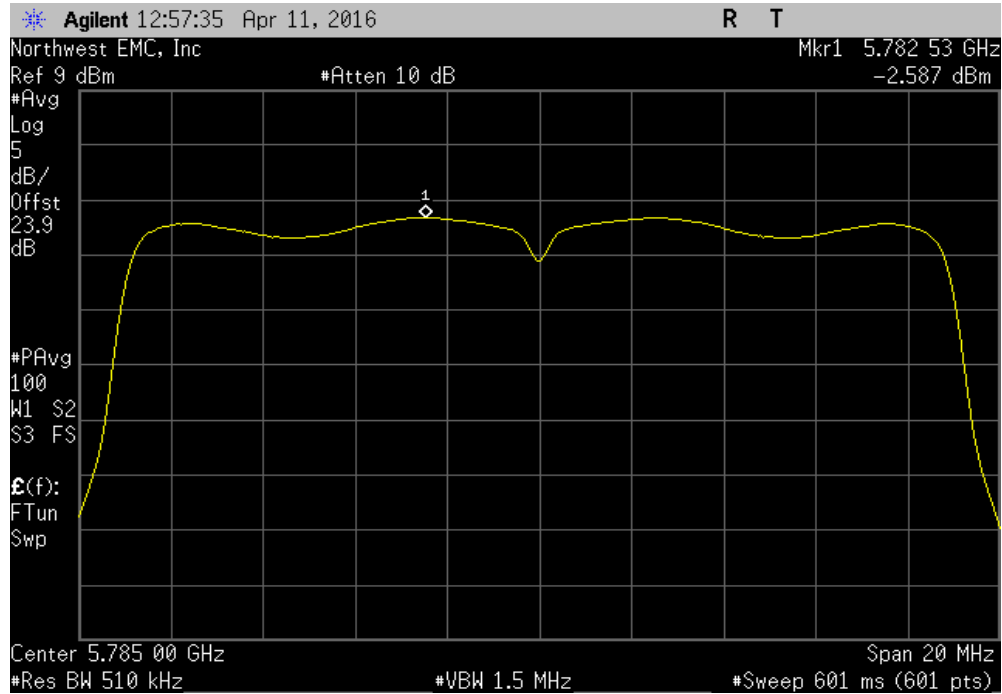


SISO, Chain A, 20MHz BW, Mid Channel, Ch 157 - 5785 MHz, 802.11(n) MCS7						
Power (dBm/Ref BW)	Duty Cycle Factor (dB)	Density (dBm/Ref BW)	Limit (dBm / Ref BW)	Results		
-2.914	0.4	-2.5	30	Pass		

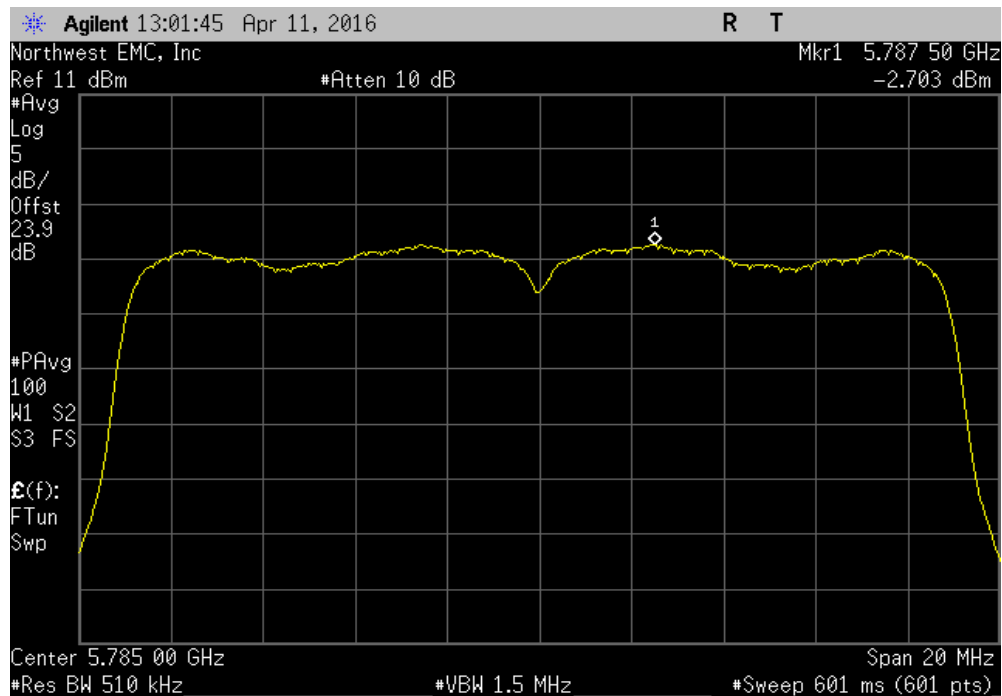


MAXIMUM POWER SPECTRAL DENSITY

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		

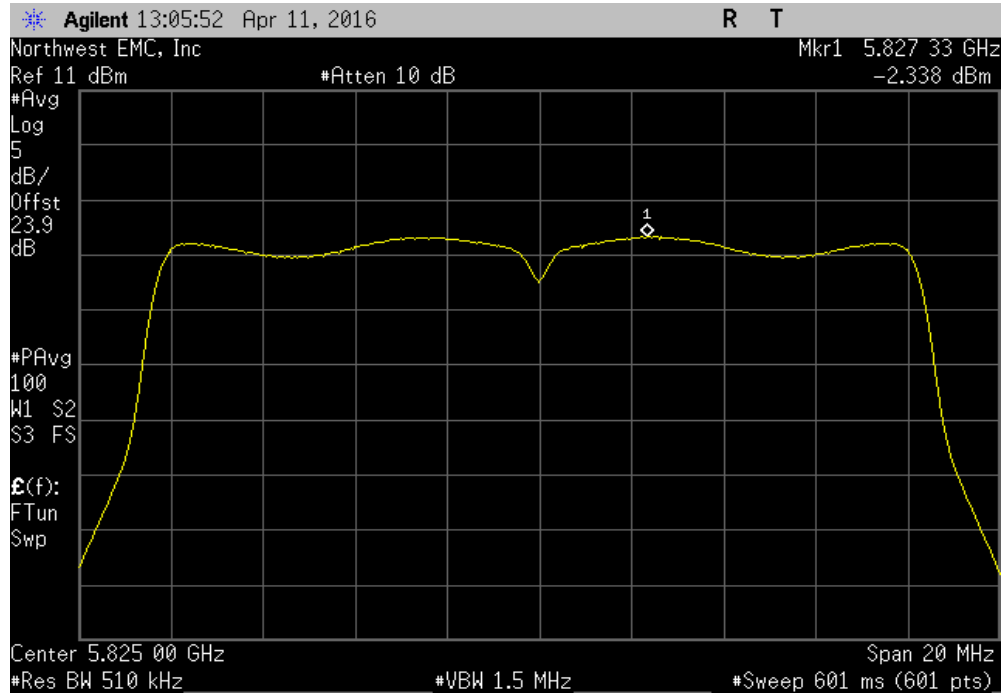


SISO, Chain A, 20MHz BW, Mid Channel, Ch 157 - 5785 MHz, 802.11(ac) MCS8						
Power (dBm/Ref BW)	Duty Cycle Factor (dB)	Density (dBm/Ref BW)	Limit (dBm / Ref BW)	Results		
-2.703	0.4	-2.3	30	Pass		

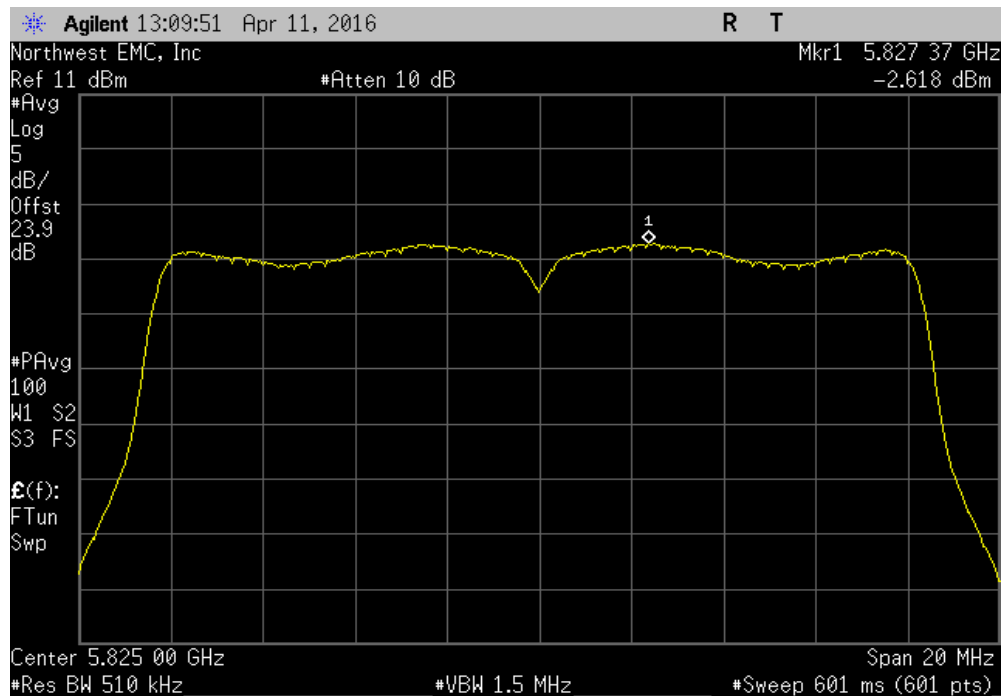


MAXIMUM POWER SPECTRAL DENSITY

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

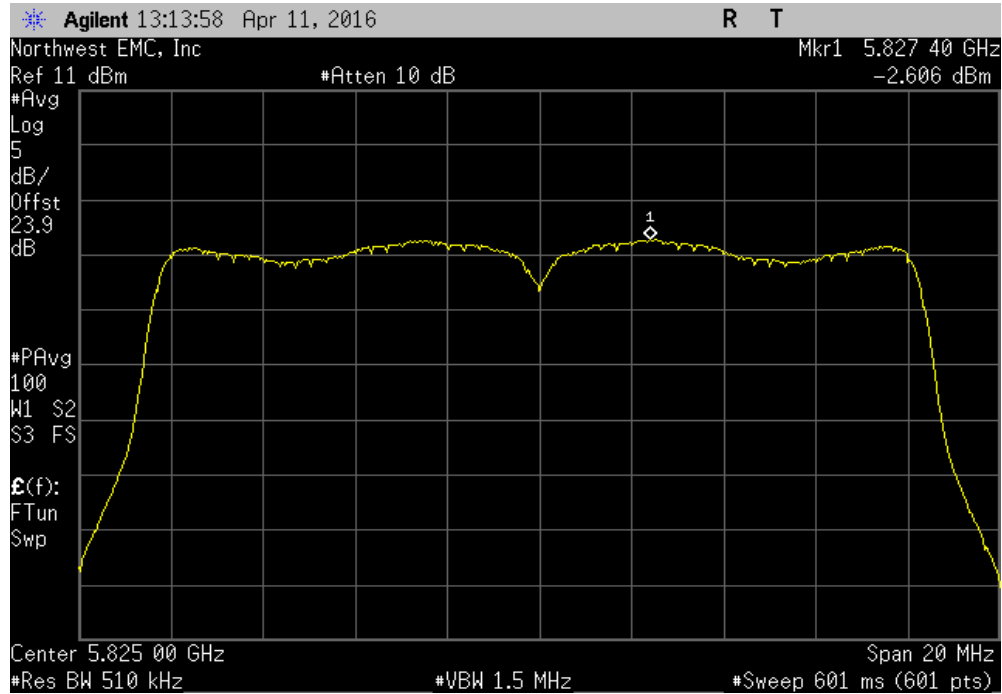


SISO, Chain A, 20MHz BW, High Channel, Ch 165 - 5825 MHz, 802.11(a) 36 Mbps						
Power (dBm/Ref BW)	Duty Cycle Factor (dB)	Density (dBm/Ref BW)	Limit (dBm / Ref BW)	Results		
-2.618	0.3	-2.4	30	Pass		

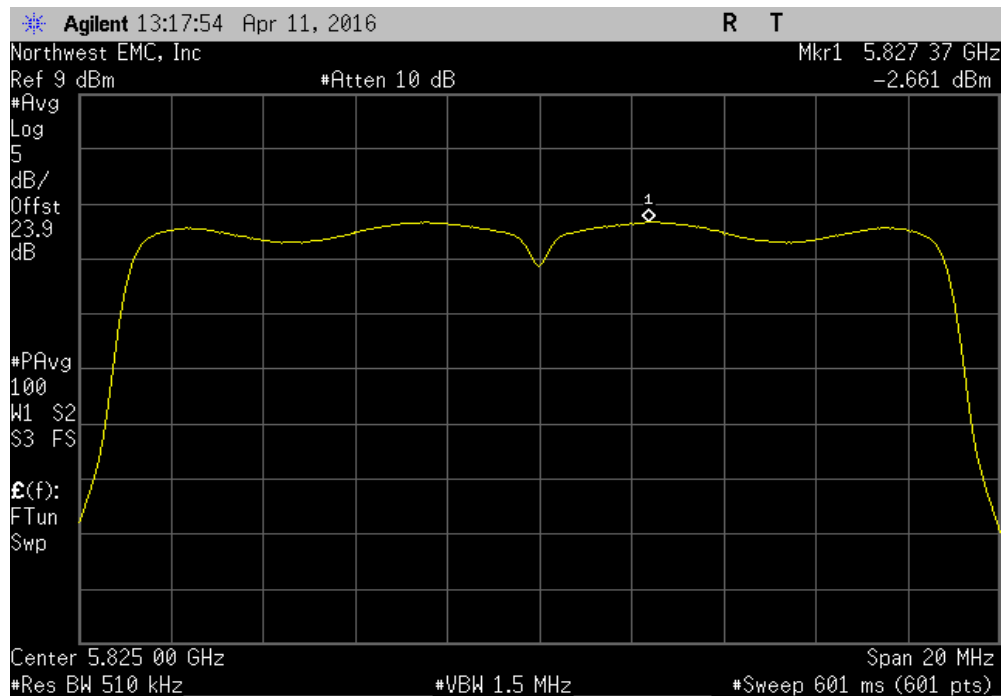


MAXIMUM POWER SPECTRAL DENSITY

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		

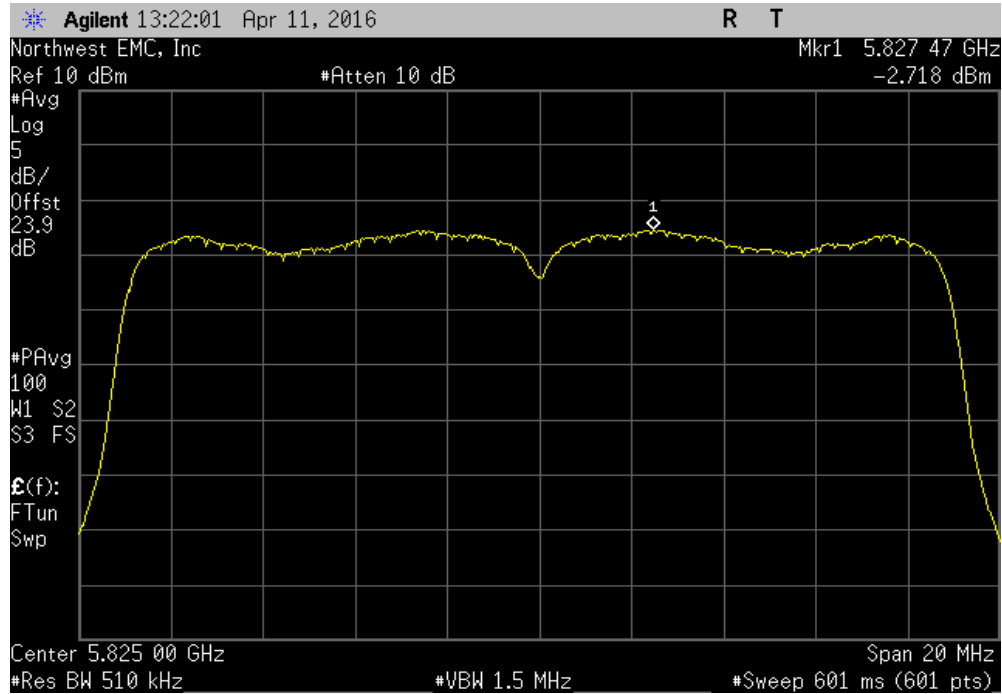


SISO, Chain A, 20MHz BW, High Channel, Ch 165 - 5825 MHz, 802.11(n) MCS0						
Power (dBm/Ref BW)	Duty Cycle Factor (dB)	Density (dBm/Ref BW)	Limit (dBm / Ref BW)	Results		
-2.661	0	-2.6	30	Pass		

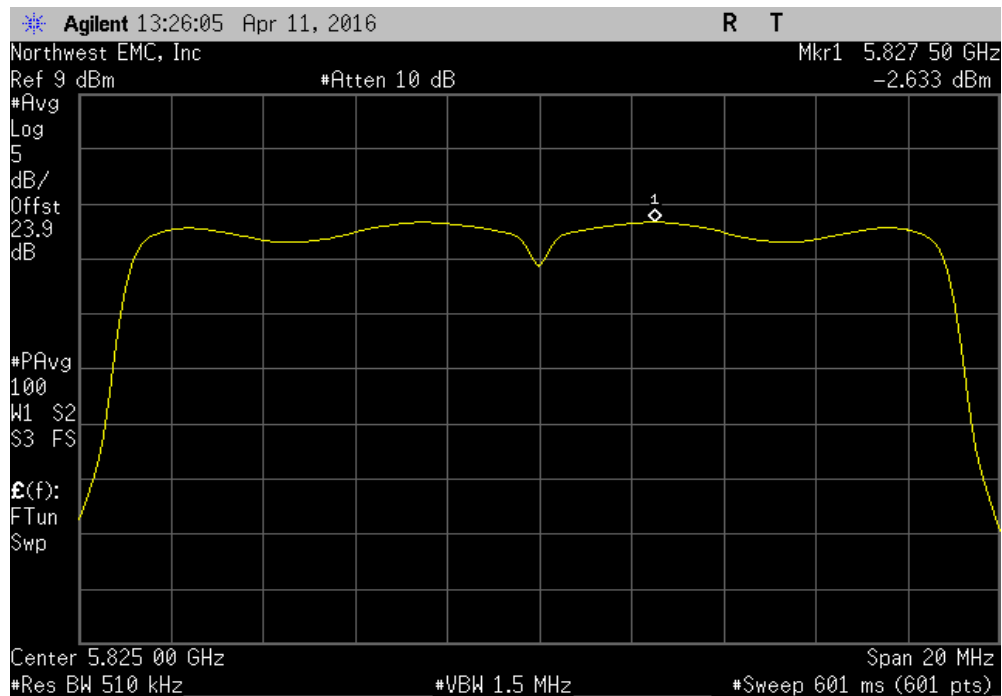


MAXIMUM POWER SPECTRAL DENSITY

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		

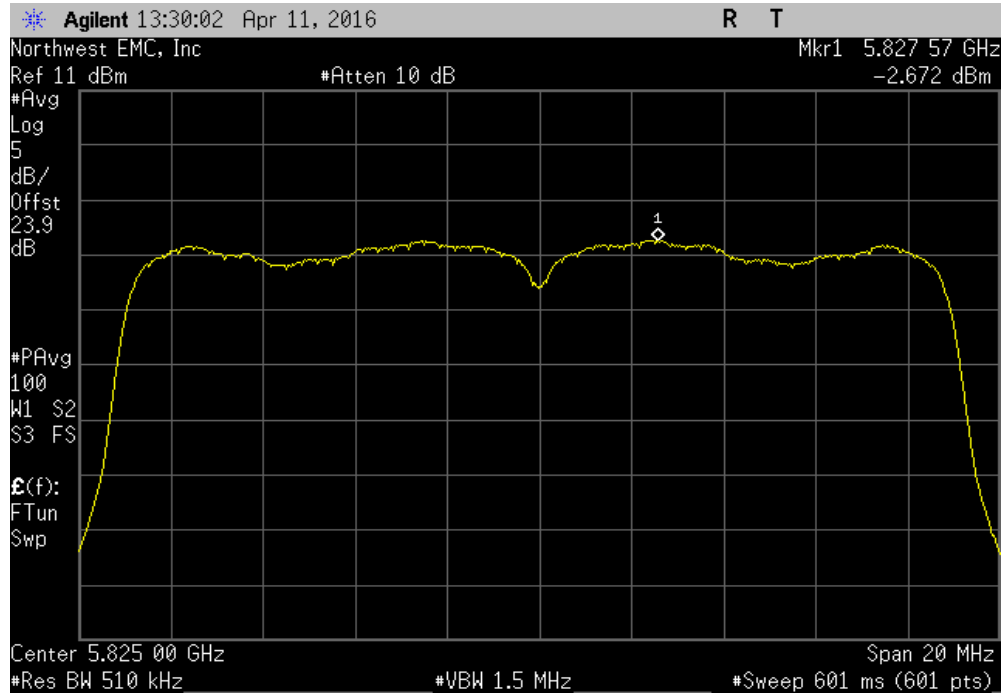


SISO, Chain A, 20MHz BW, High Channel, Ch 165 - 5825 MHz, 802.11(ac) MCS0						
Power (dBm/Ref BW)	Duty Cycle Factor (dB)	Density (dBm/Ref BW)	Limit (dBm / Ref BW)	Results		
-2.633	0	-2.6	30	Pass		

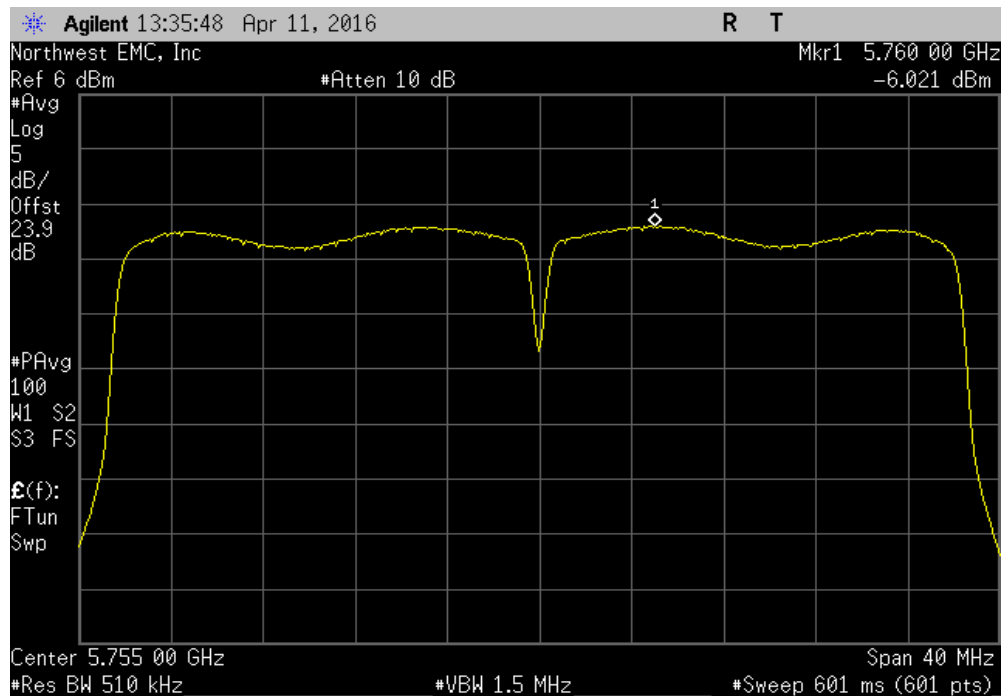


MAXIMUM POWER SPECTRAL DENSITY

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		

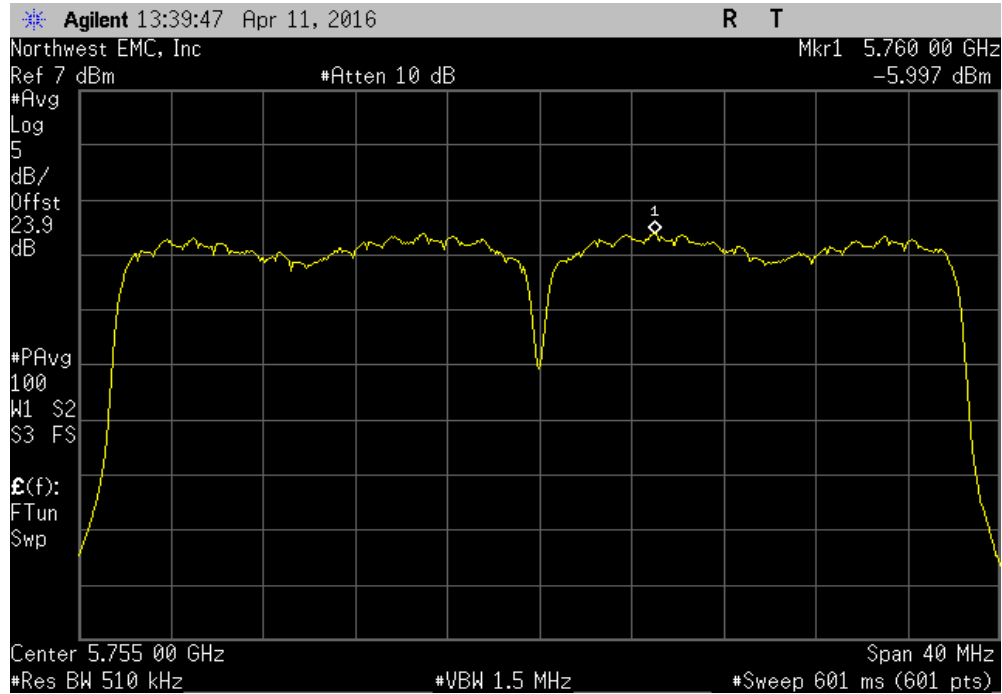


SISO, Chain A, 40MHz BW, Low Channel, Ch 149/153 - 5755 MHz, 802.11(n) MCS0						
Power (dBm/Ref BW)	Duty Cycle Factor (dB)	Density (dBm/Ref BW)	Limit (dBm / Ref BW)	Results		
-6.021	0.2	-5.8	30	Pass		

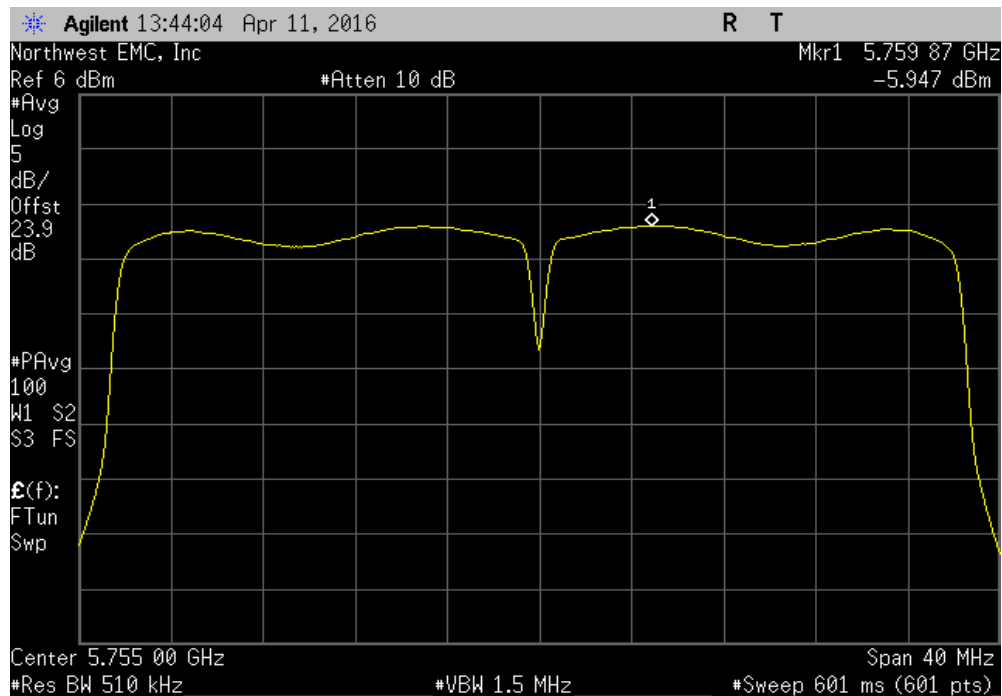


MAXIMUM POWER SPECTRAL DENSITY

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		

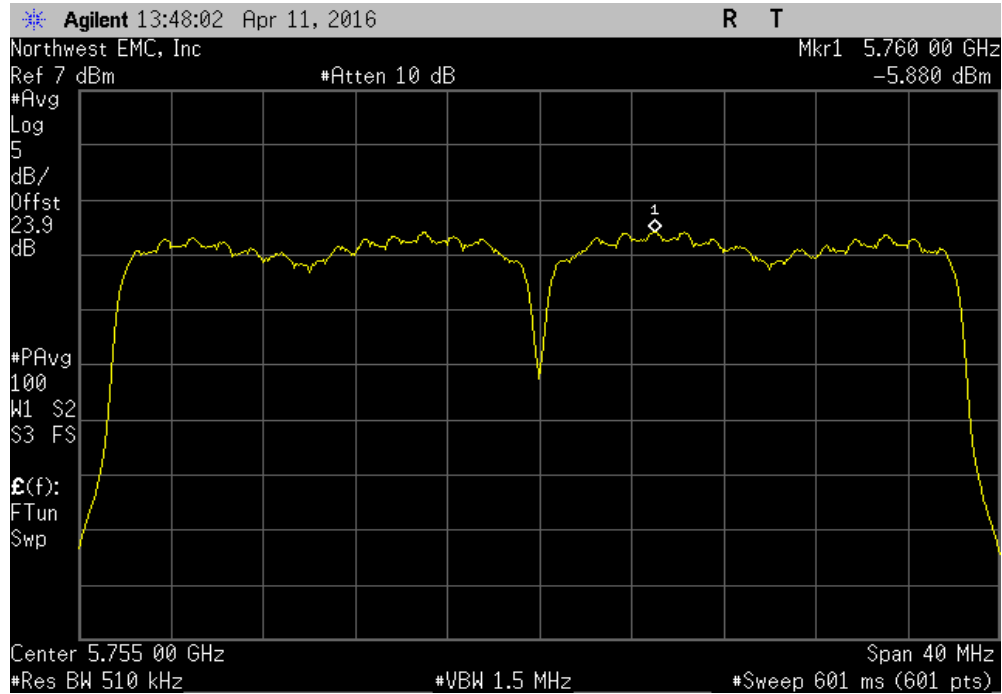


SISO, Chain A, 40MHz BW, Low Channel, Ch 149/153 - 5755 MHz, 802.11(ac) MCS0						
Power (dBm/Ref BW)	Duty Cycle Factor (dB)	Density (dBm/Ref BW)	Limit (dBm / Ref BW)	Results		
-5.947	0.2	-5.8	30	Pass		

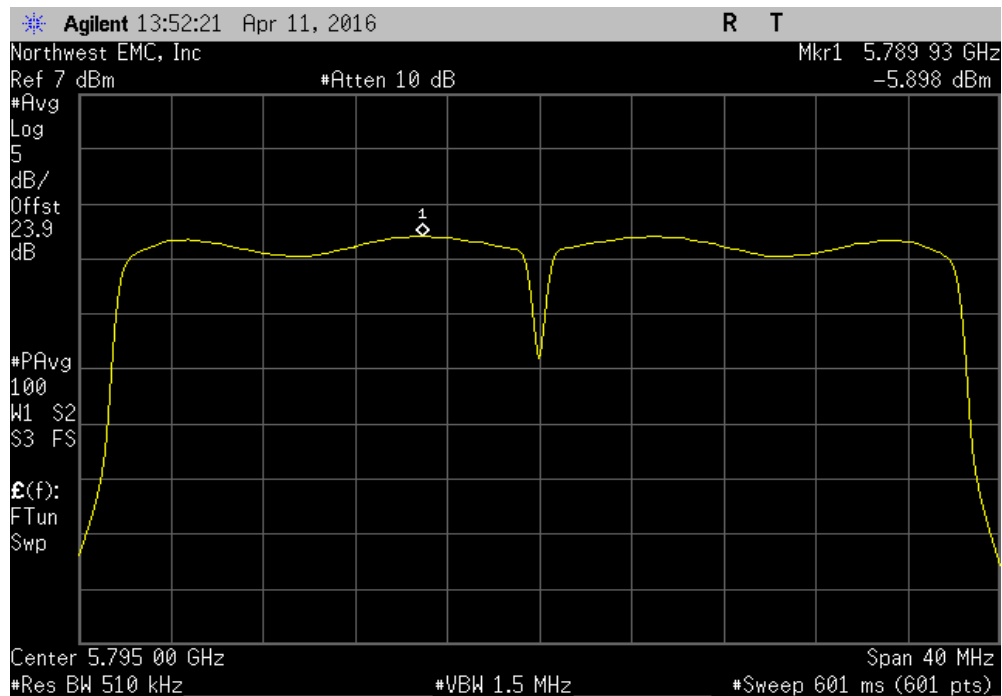


MAXIMUM POWER SPECTRAL DENSITY

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		

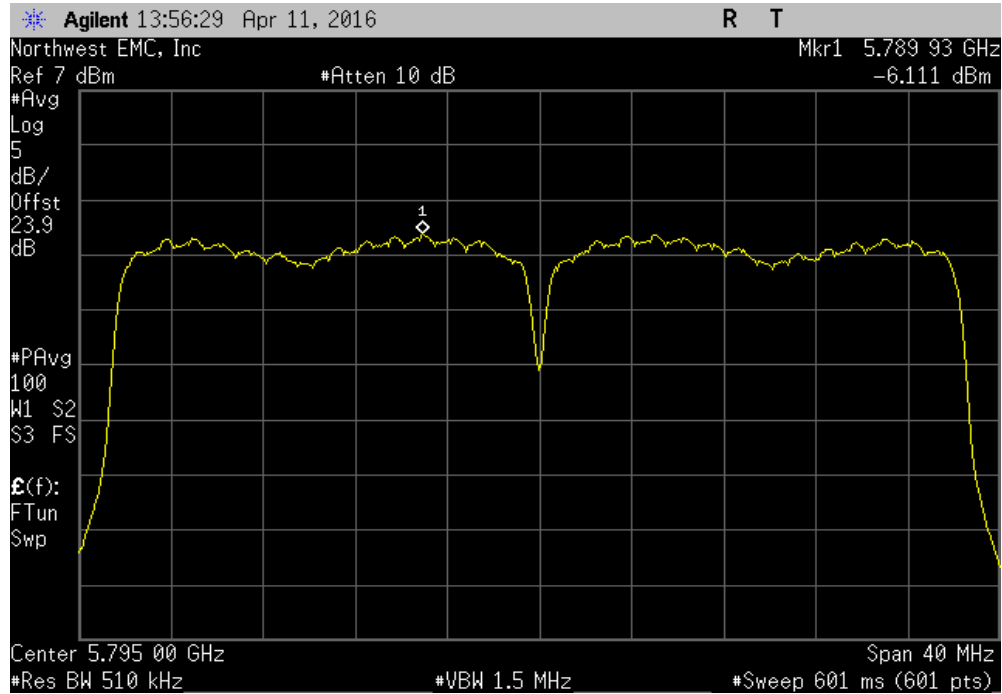


SISO, Chain A, 40MHz BW, High Channel, Ch 157/161 - 5795 MHz, 802.11(n) MCS0						
Power (dBm/Ref BW)	Duty Cycle Factor (dB)	Density (dBm/Ref BW)	Limit (dBm / Ref BW)	Results		
-5.898	0.2	-5.7	30	Pass		

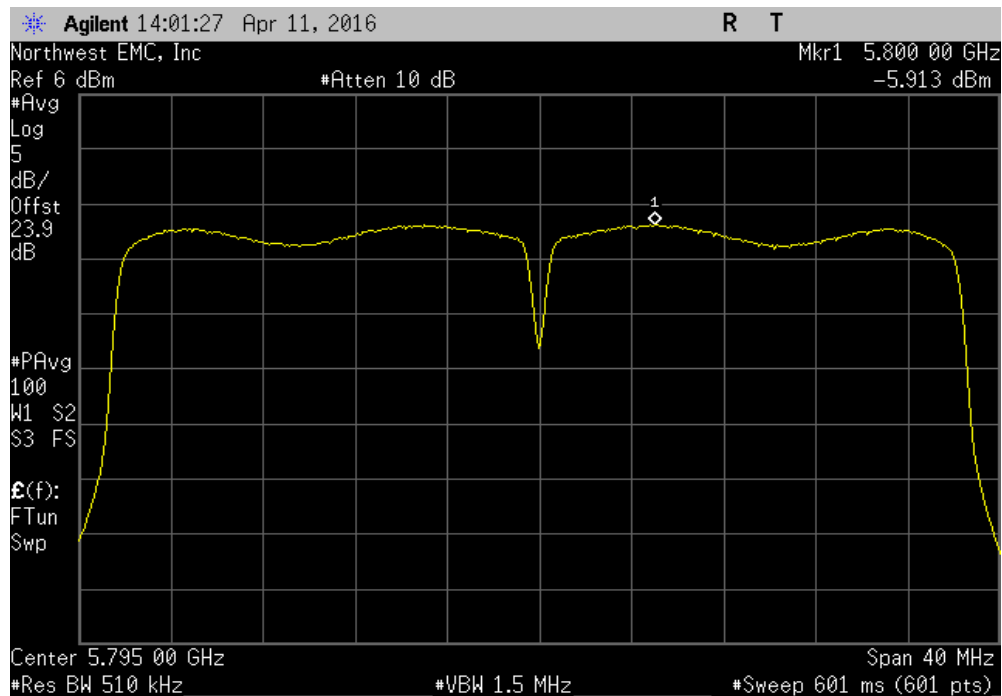


MAXIMUM POWER SPECTRAL DENSITY

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		

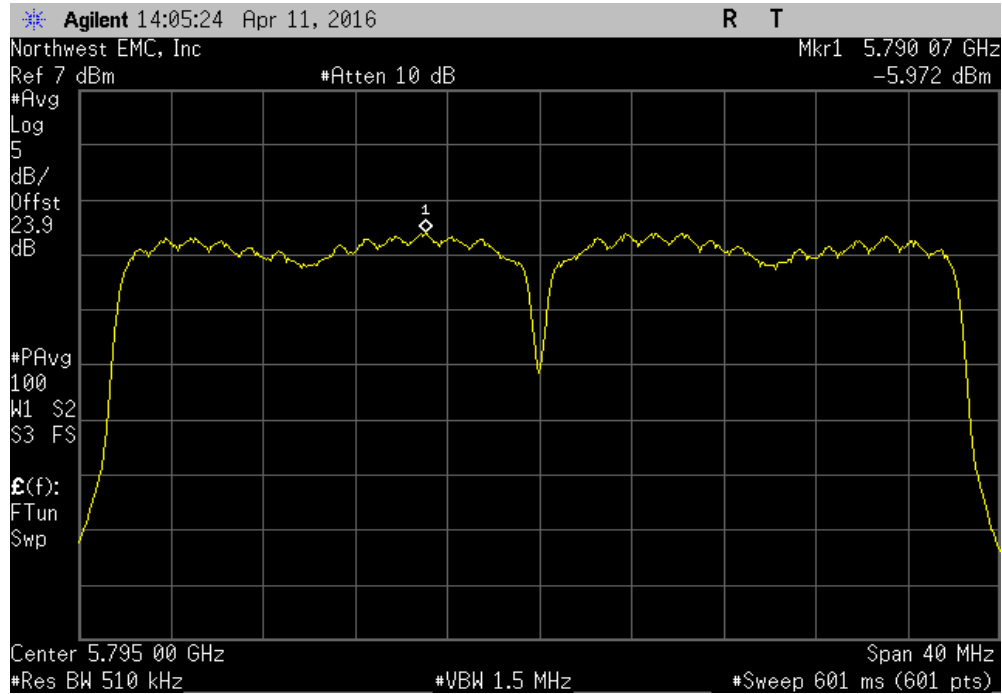


SISO, Chain A, 40MHz BW, High Channel, Ch 157/161 - 5795 MHz, 802.11(ac) MCS0						
Power (dBm/Ref BW)	Duty Cycle Factor (dB)	Density (dBm/Ref BW)	Limit (dBm / Ref BW)	Results		
-5.913	0.2	-5.8	30	Pass		

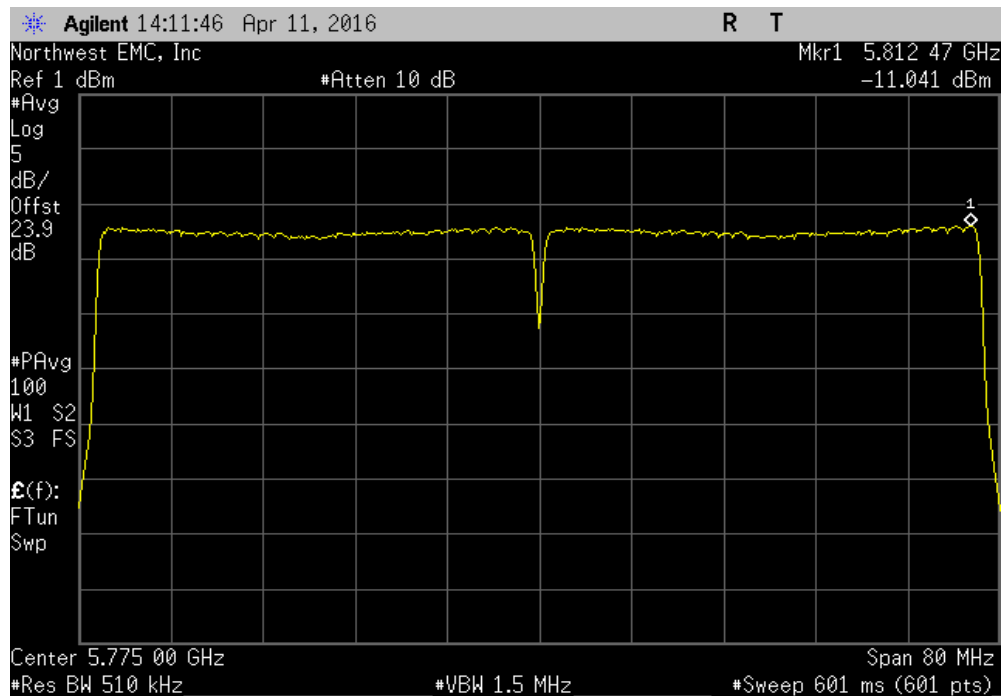


MAXIMUM POWER SPECTRAL DENSITY

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		

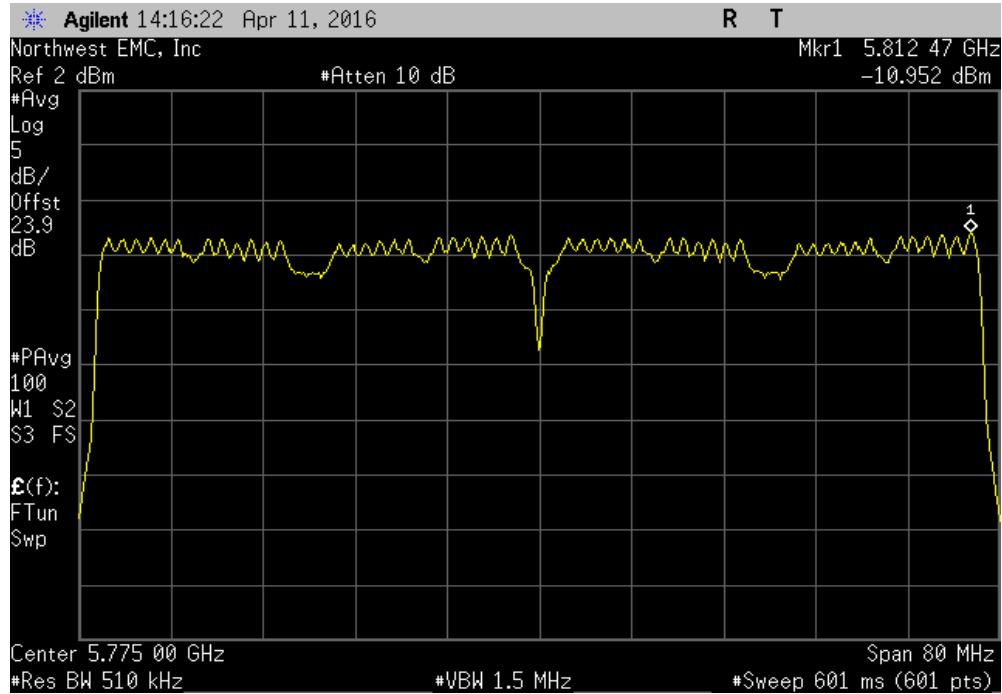


SISO, Chain A, 80MHz BW, Mid Channel, Ch 149/161 - 5775 MHz, 802.11(ac) MCS0						
Power (dBm/Ref BW)	Duty Cycle Factor (dB)	Density (dBm/Ref BW)	Limit (dBm / Ref BW)	Results		
-11.041	0.3	-10.7	30	Pass		

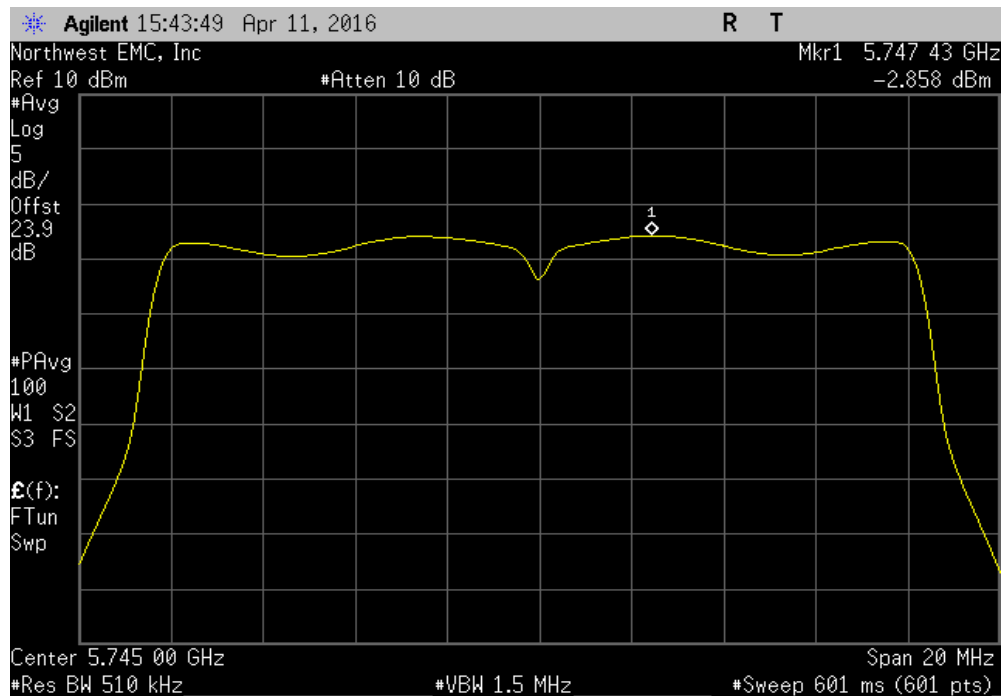


MAXIMUM POWER SPECTRAL DENSITY

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		

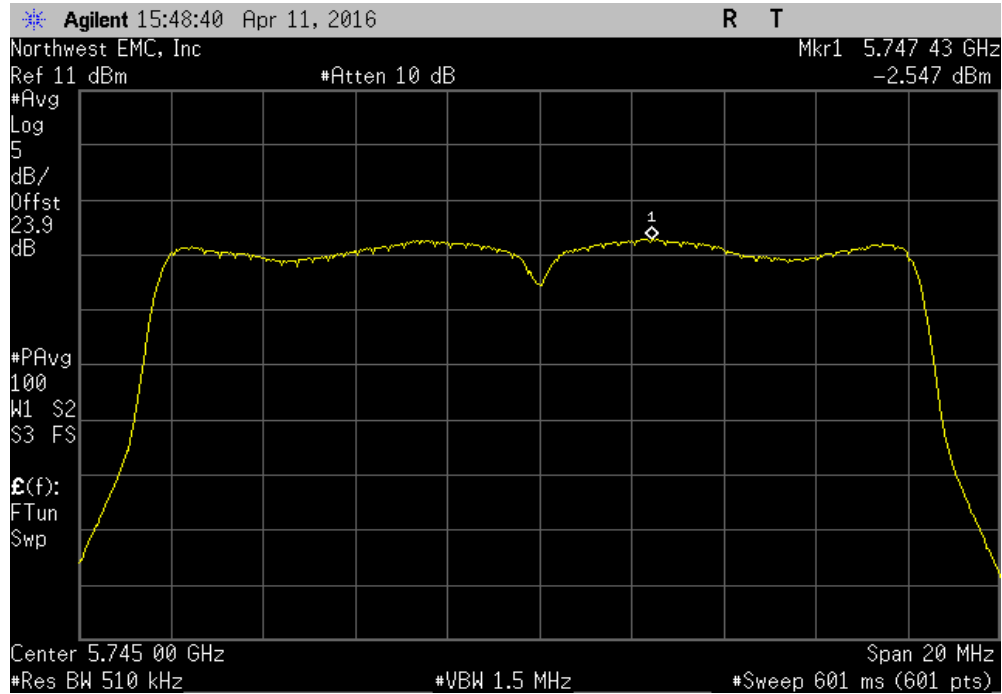


SISO, Chain B, 20MHz BW, Low Channel, Ch 149 - 5745 MHz, 802.11(a) 6 Mbps						
Power (dBm/Ref BW)	Duty Cycle Factor (dB)	Density (dBm/Ref BW)	Limit (dBm / Ref BW)	Results		
-2.858	0	-2.8	30	Pass		

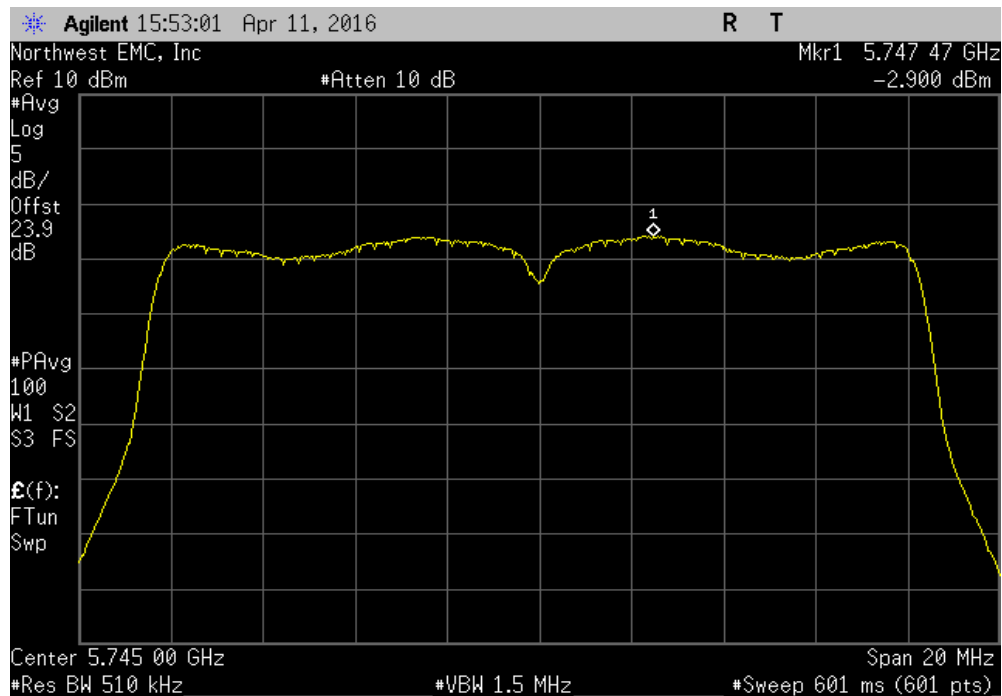


MAXIMUM POWER SPECTRAL DENSITY

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		

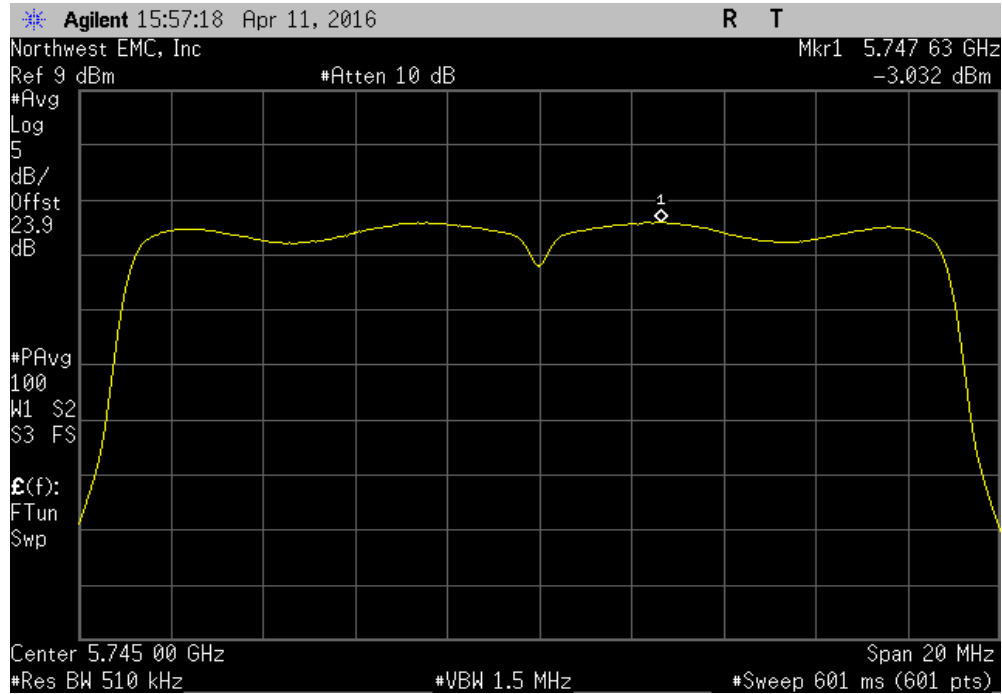


SISO, Chain B, 20MHz BW, Low Channel, Ch 149 - 5745 MHz, 802.11(a) 54 Mbps						
Power (dBm/Ref BW)	Duty Cycle Factor (dB)	Density (dBm/Ref BW)	Limit (dBm / Ref BW)	Results		
-2.9	0.4	-2.5	30	Pass		

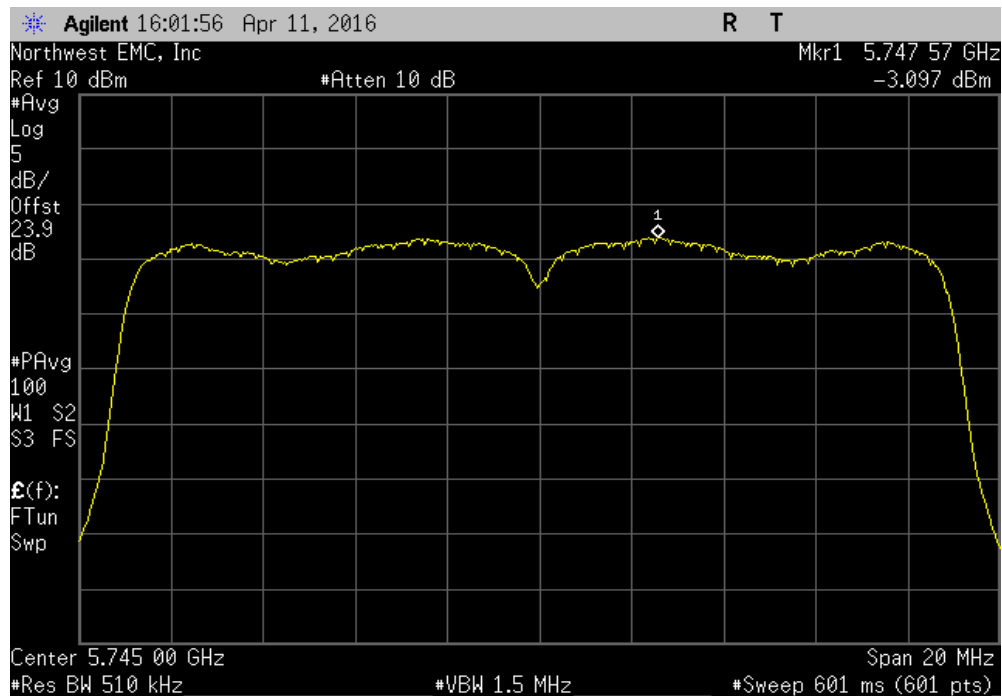


MAXIMUM POWER SPECTRAL DENSITY

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		

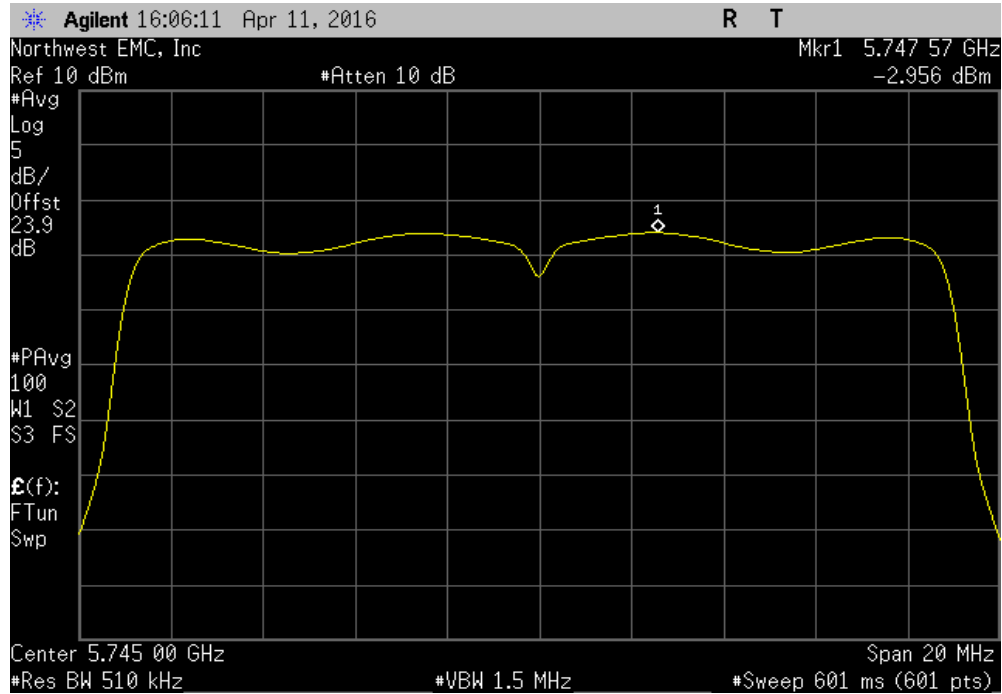


SISO, Chain B, 20MHz BW, Low Channel, Ch 149 - 5745 MHz, 802.11(n) MCS7						
Power (dBm/Ref BW)	Duty Cycle Factor (dB)	Density (dBm/Ref BW)	Limit (dBm / Ref BW)	Results		
-3.097	0.4	-2.7	30	Pass		

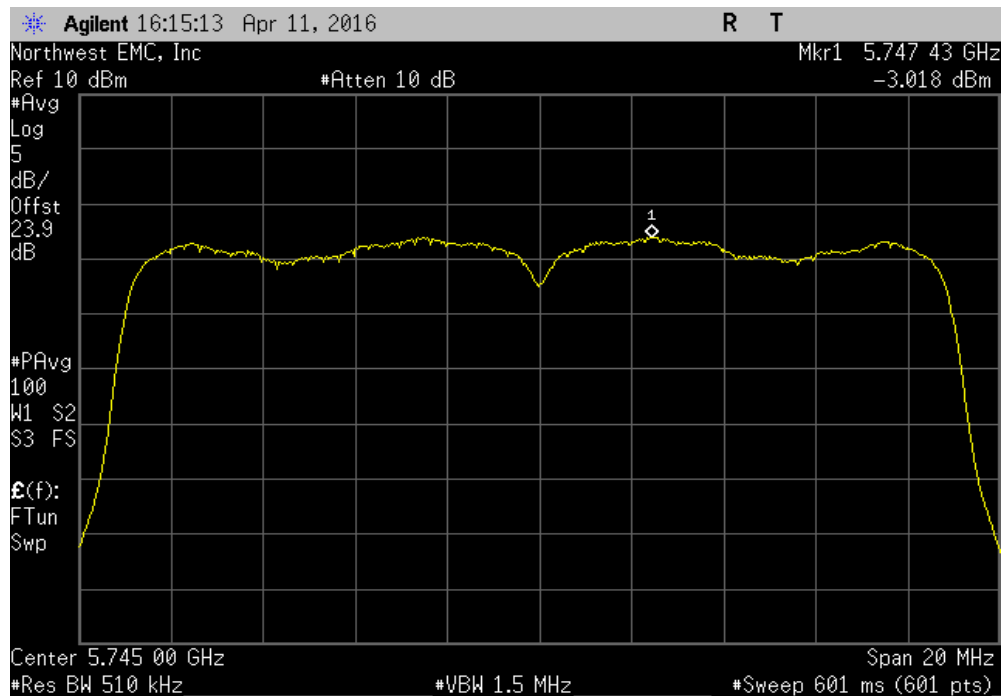


MAXIMUM POWER SPECTRAL DENSITY

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		

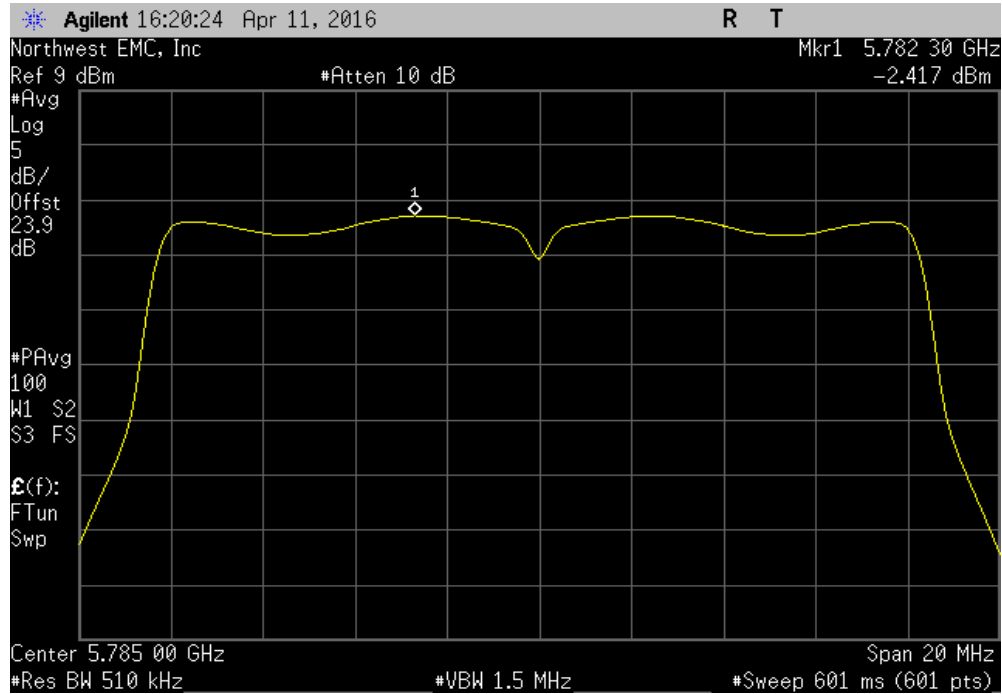


SISO, Chain B, 20MHz BW, Low Channel, Ch 149 - 5745 MHz, 802.11(ac) MCS8						
Power (dBm/Ref BW)	Duty Cycle Factor (dB)	Density (dBm/Ref BW)	Limit (dBm / Ref BW)	Results		
-3.018	0.4	-2.6	30	Pass		

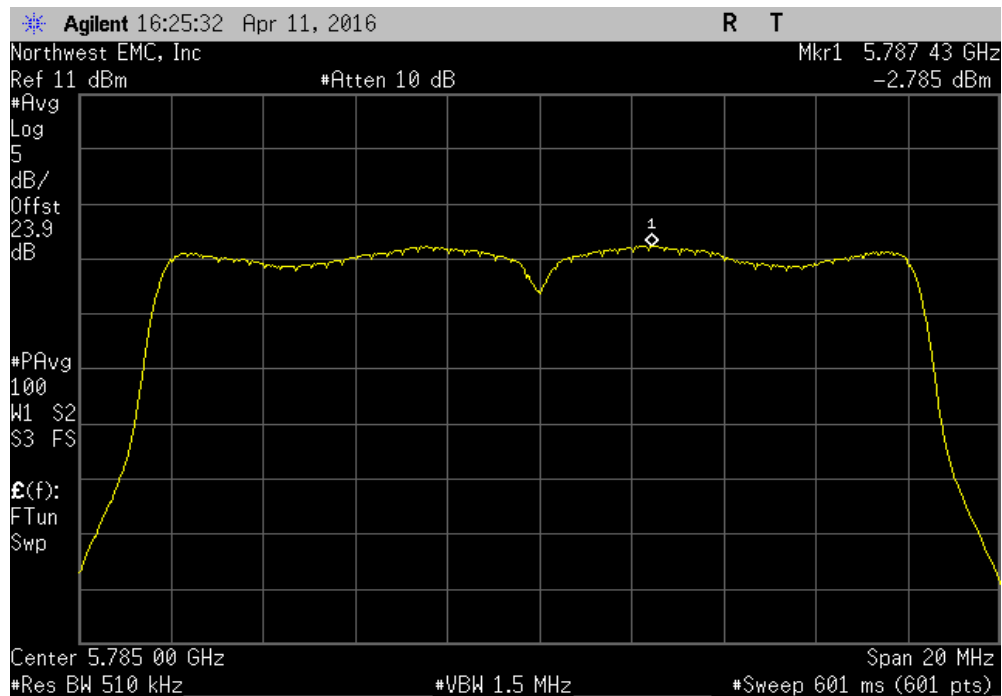


MAXIMUM POWER SPECTRAL DENSITY

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

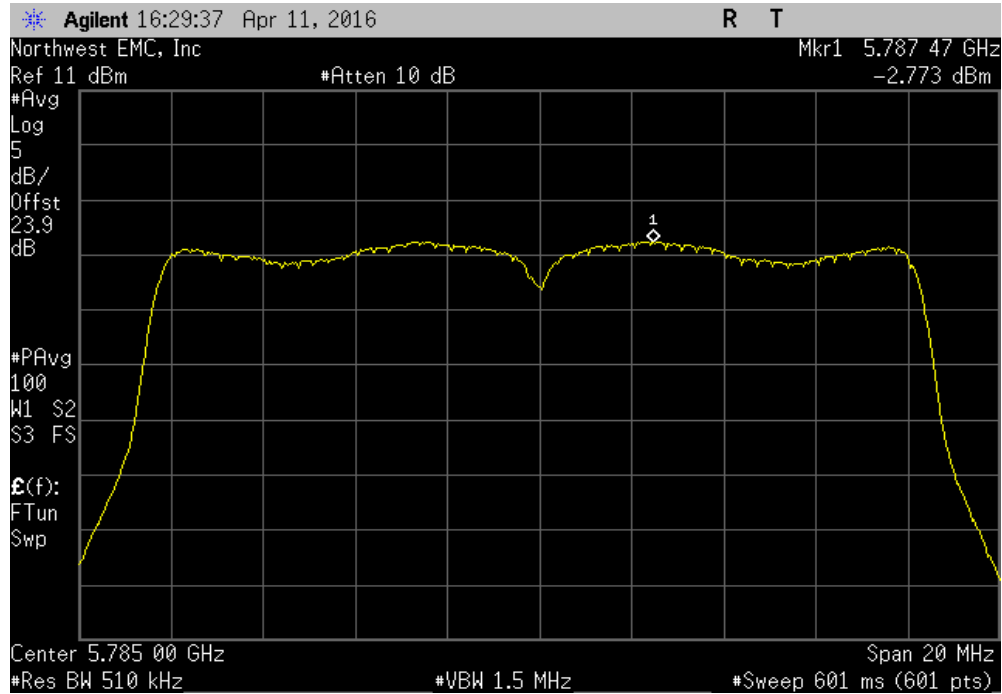


SISO, Chain B, 20MHz BW, Mid Channel, Ch 157 - 5785 MHz, 802.11(a) 36 Mbps						
	Power (dBm/Ref BW)	Duty Cycle Factor (dB)	Density (dBm/Ref BW)	Limit (dBm / Ref BW)	Results	
	-2.785	0.3	-2.5	30	Pass	

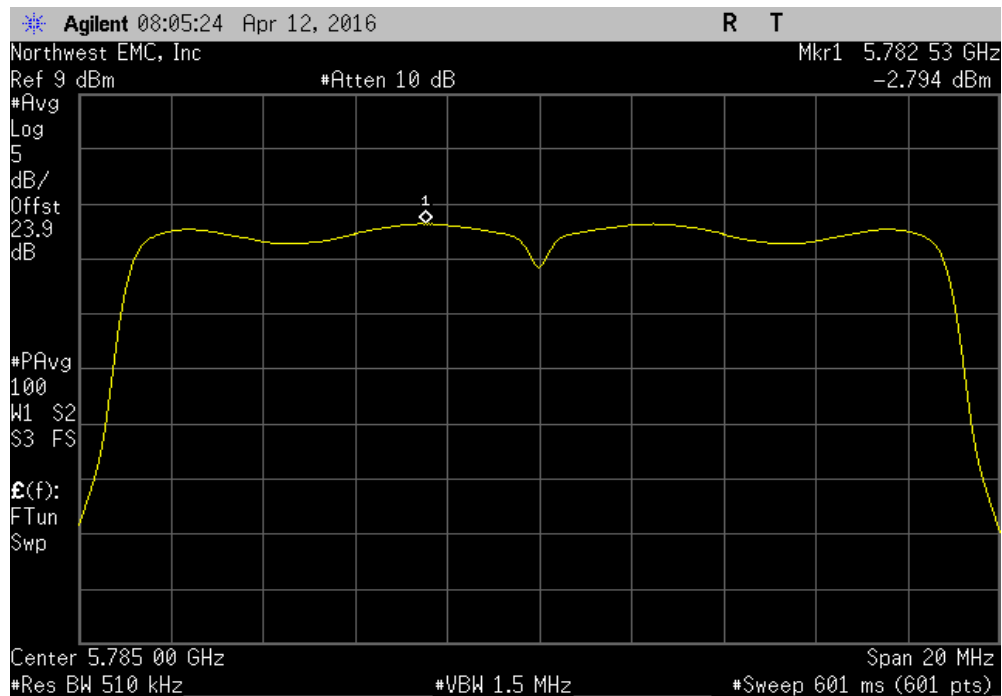


MAXIMUM POWER SPECTRAL DENSITY

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

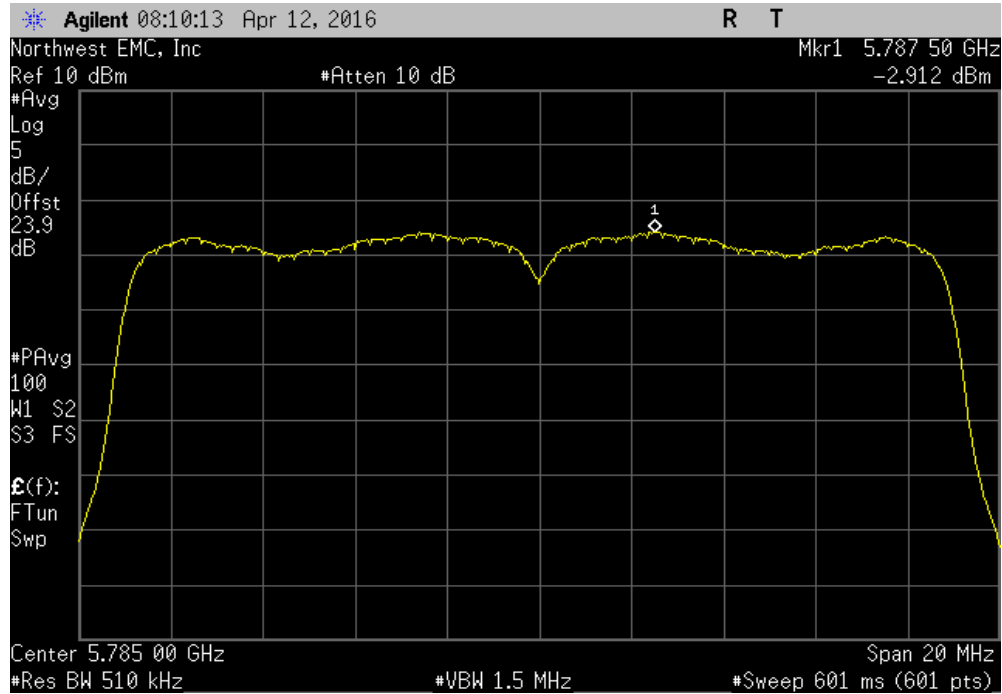


SISO, Chain B, 20MHz BW, Mid Channel, Ch 157 - 5785 MHz, 802.11(n) MCS0						
Power (dBm/Ref BW)	Duty Cycle Factor (dB)	Density (dBm/Ref BW)	Limit (dBm / Ref BW)	Results		
-2.794	0	-2.8	30	Pass		

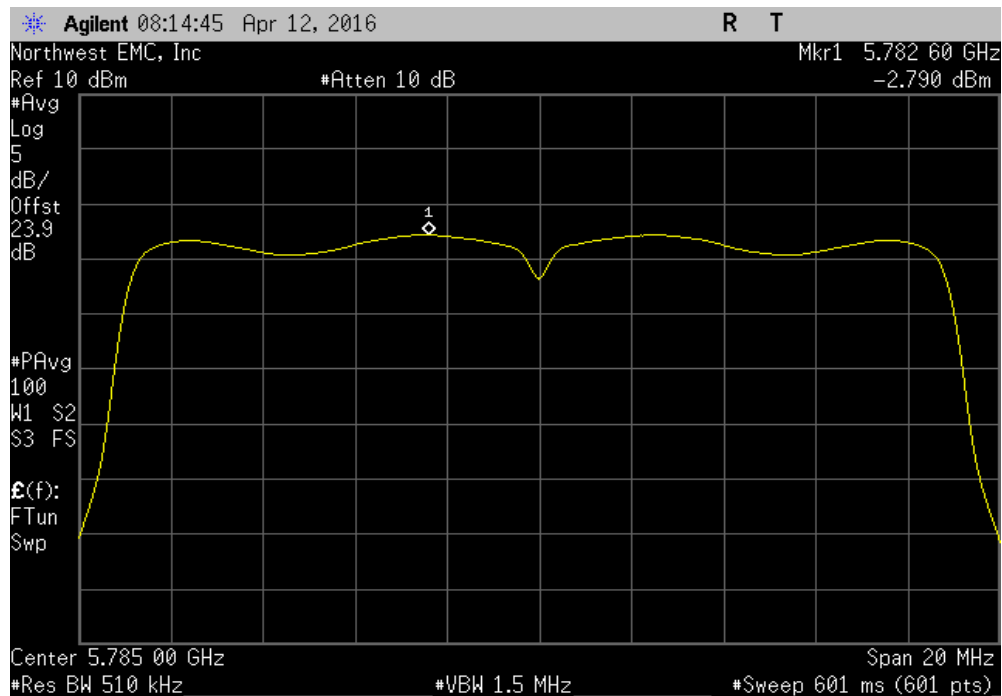


MAXIMUM POWER SPECTRAL DENSITY

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		

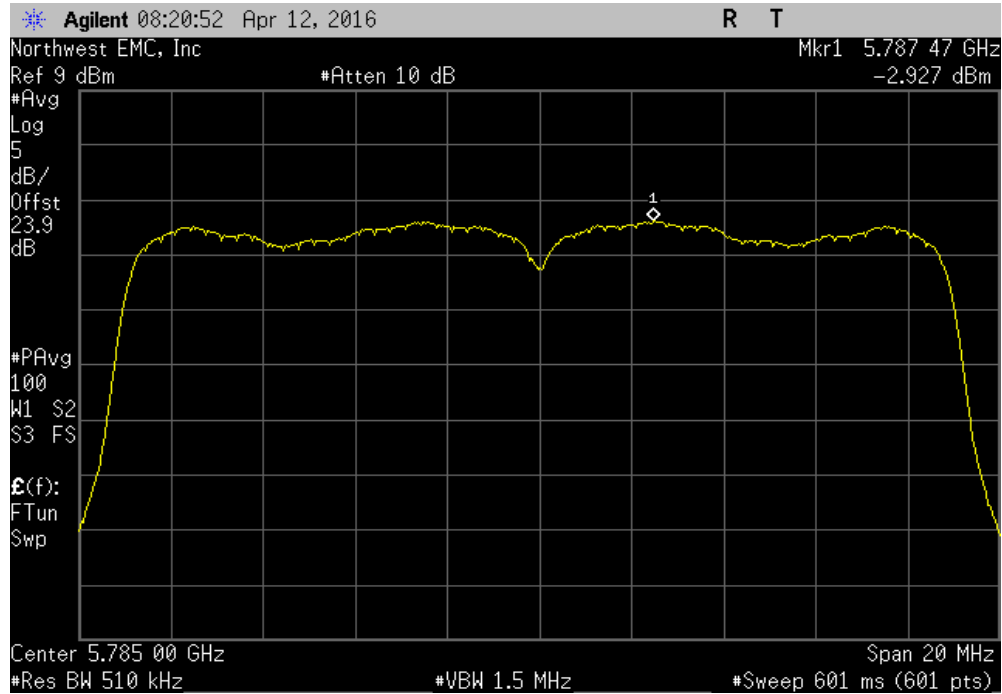


SISO, Chain B, 20MHz BW, Mid Channel, Ch 157 - 5785 MHz, 802.11(ac) MCS0						
Power (dBm/Ref BW)	Duty Cycle Factor (dB)	Density (dBm/Ref BW)	Limit (dBm / Ref BW)	Results		
-2.79	0	-2.8	30	Pass		

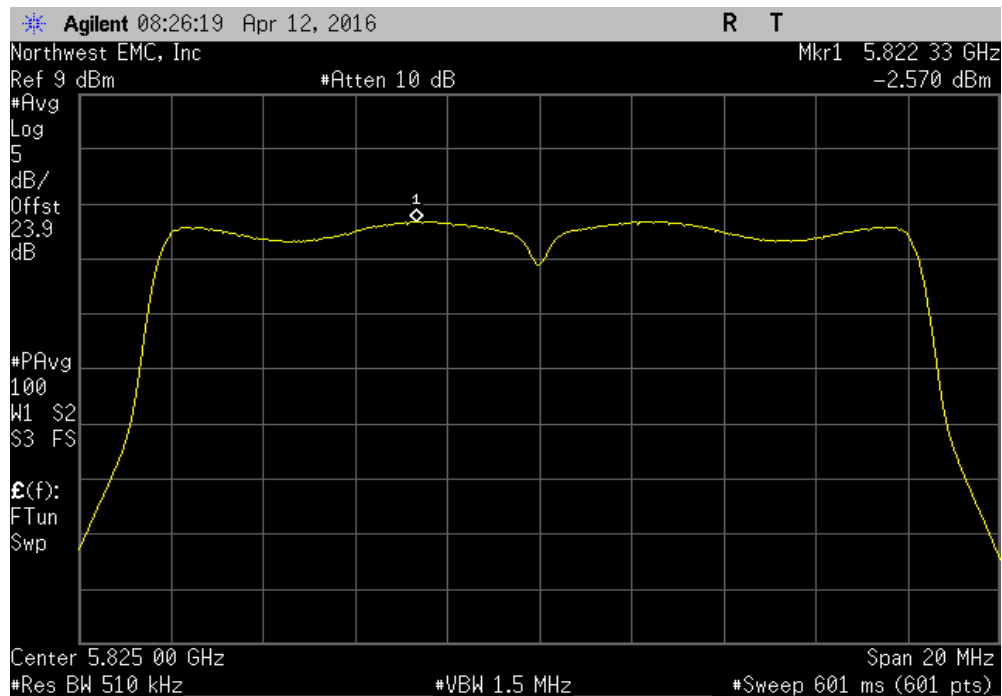


MAXIMUM POWER SPECTRAL DENSITY

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

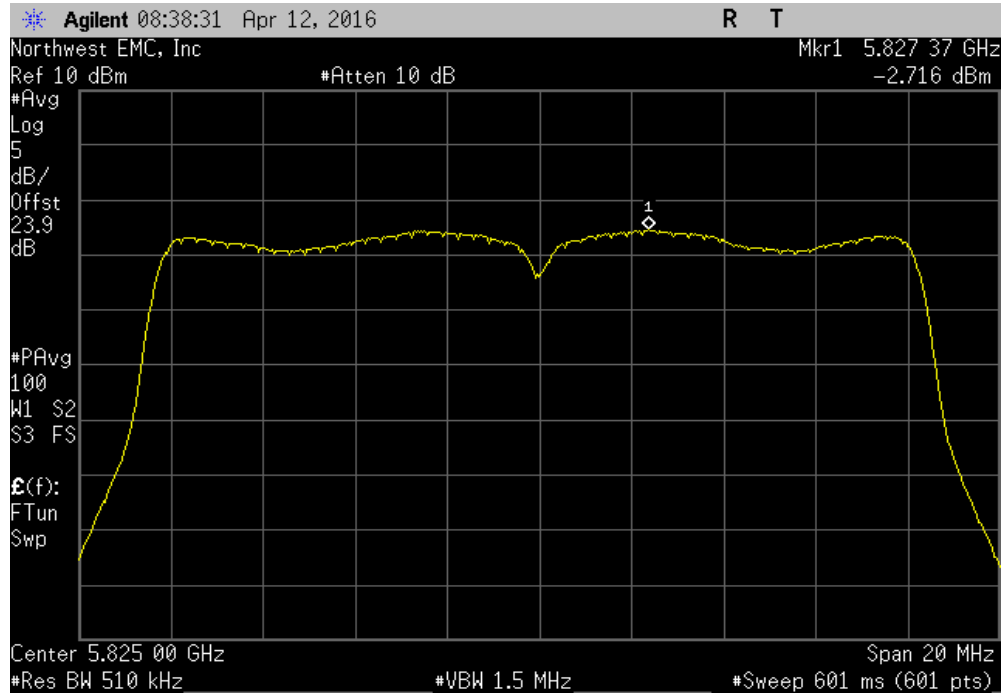


SISO, Chain B, 20MHz BW, High Channel, Ch 165 - 5825 MHz, 802.11(a) 6 Mbps						
Power (dBm/Ref BW)	Duty Cycle Factor (dB)	Density (dBm/Ref BW)	Limit (dBm / Ref BW)	Results		
-2.57	0	-2.5	30	Pass		

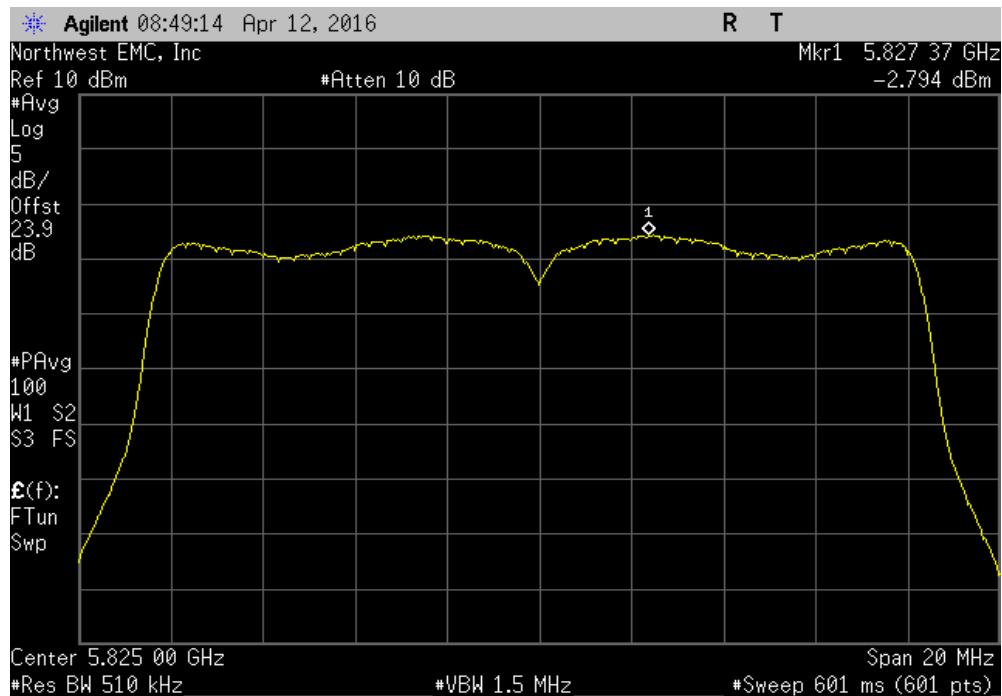


MAXIMUM POWER SPECTRAL DENSITY

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		

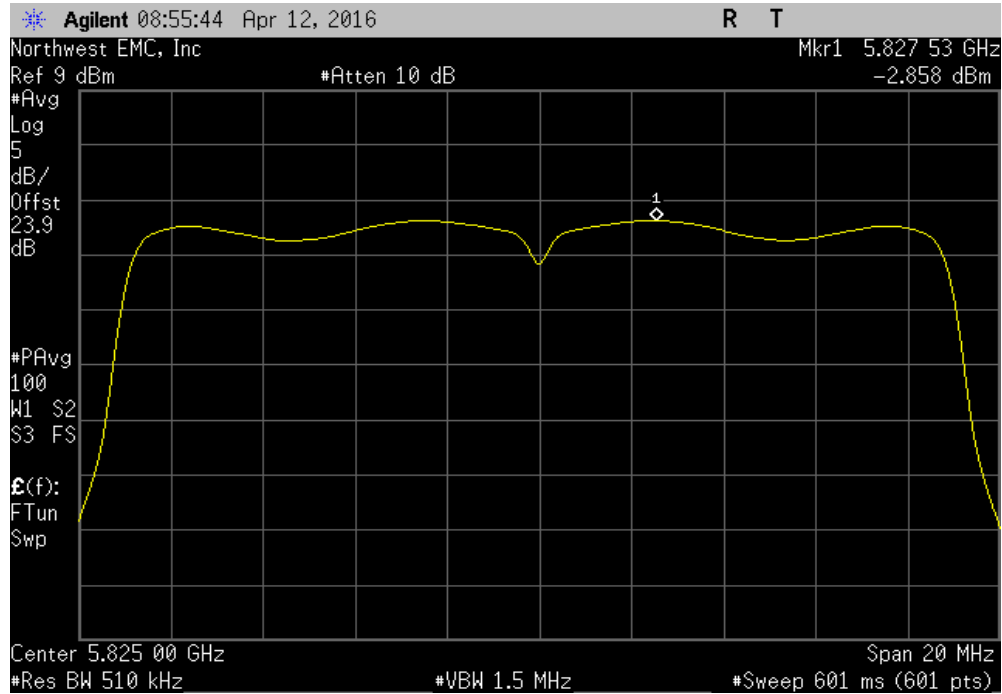


SISO, Chain B, 20MHz BW, High Channel, Ch 165 - 5825 MHz, 802.11(a) 54 Mbps						
Power (dBm/Ref BW)	Duty Cycle Factor (dB)	Density (dBm/Ref BW)	Limit (dBm / Ref BW)	Results		
-2.794	0.4	-2.4	30	Pass		

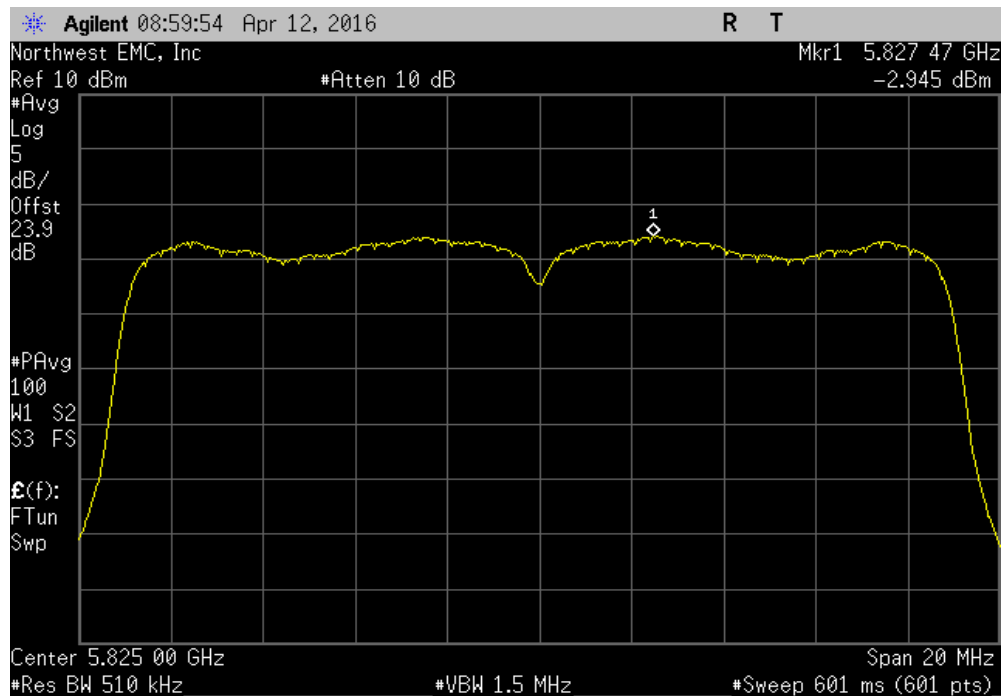


MAXIMUM POWER SPECTRAL DENSITY

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		

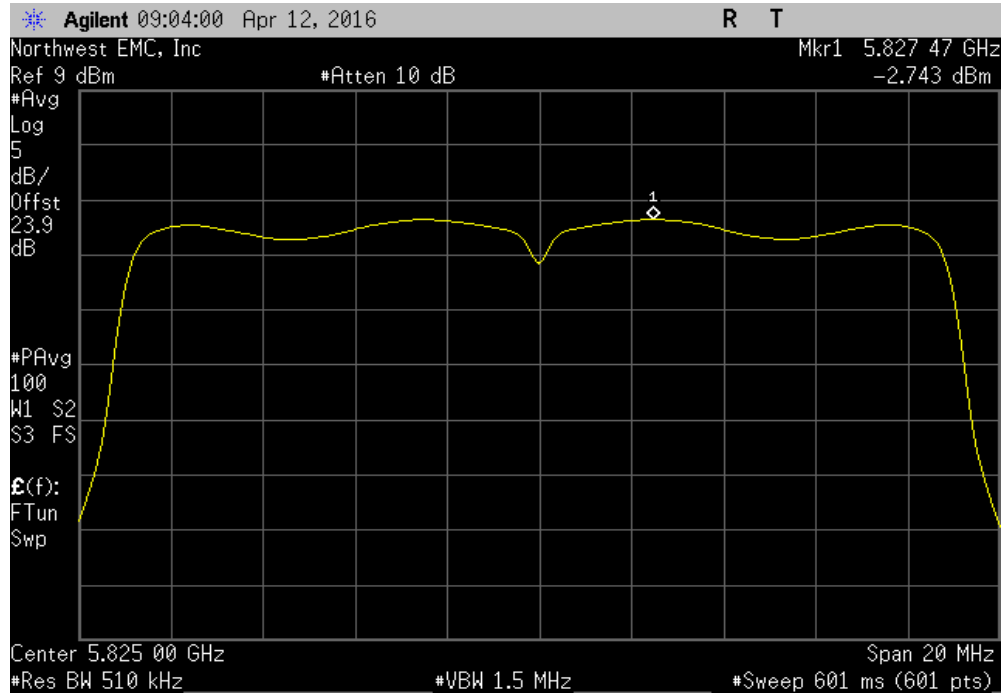


SISO, Chain B, 20MHz BW, High Channel, Ch 165 - 5825 MHz, 802.11(n) MCS7						
Power (dBm/Ref BW)	Duty Cycle Factor (dB)	Density (dBm/Ref BW)	Limit (dBm / Ref BW)	Results		
-2.945	0.4	-2.5	30	Pass		

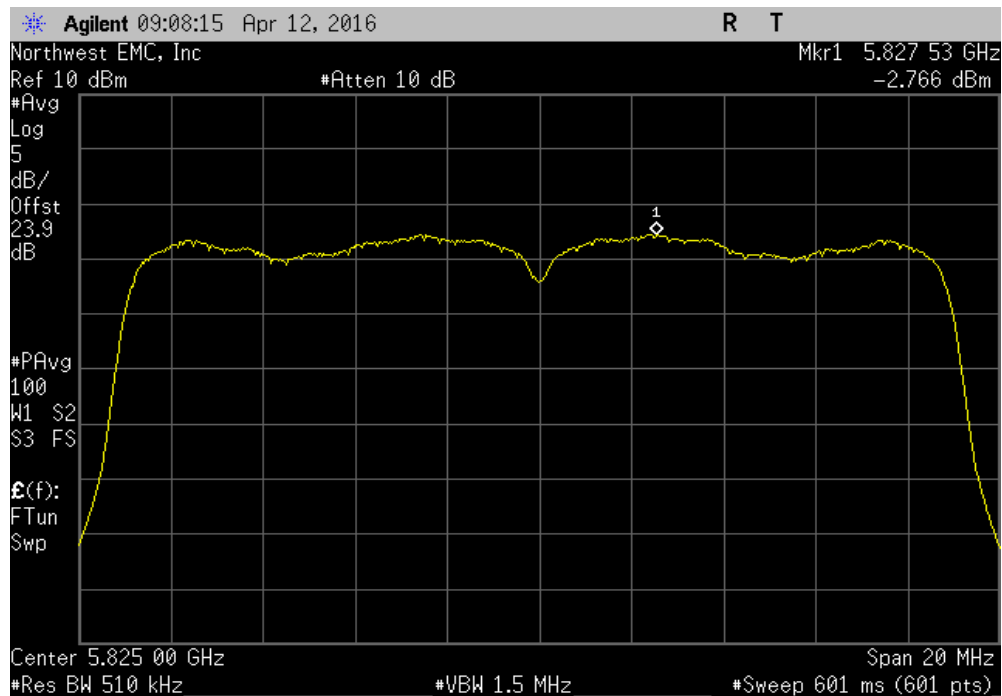


MAXIMUM POWER SPECTRAL DENSITY

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		

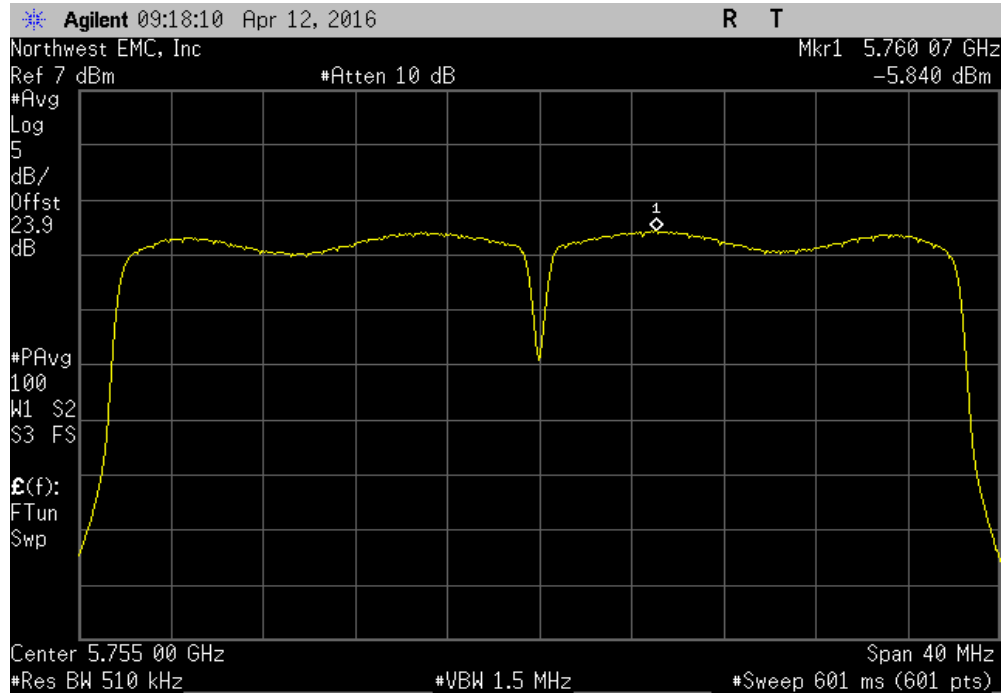


SISO, Chain B, 20MHz BW, High Channel, Ch 165 - 5825 MHz, 802.11(ac) MCS8						
Power (dBm/Ref BW)	Duty Cycle Factor (dB)	Density (dBm/Ref BW)	Limit (dBm / Ref BW)	Results		
-2.766	0.4	-2.4	30	Pass		

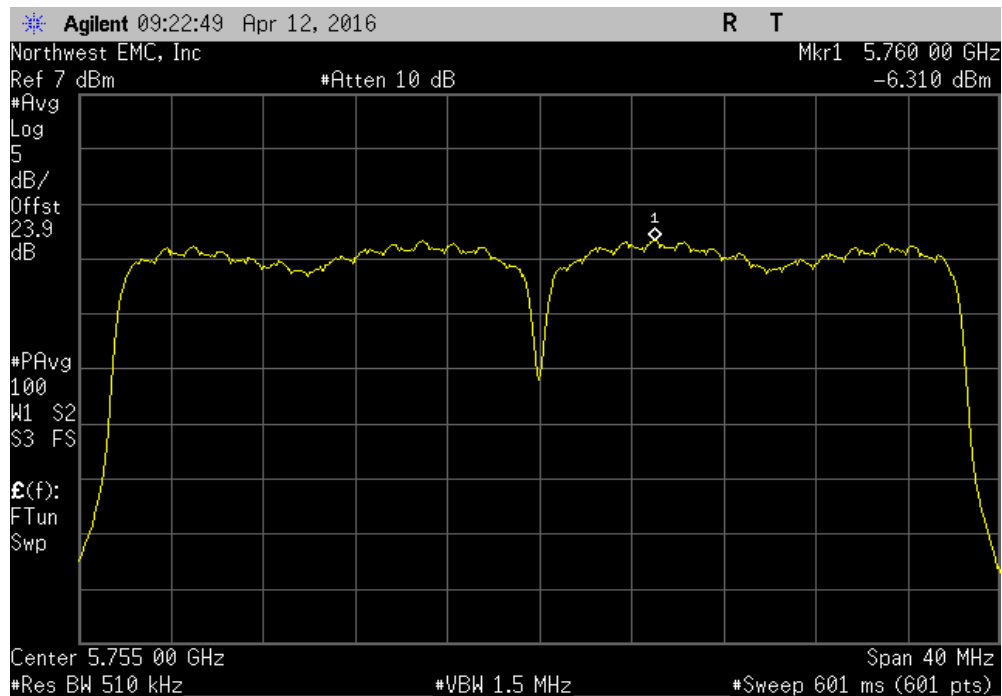


MAXIMUM POWER SPECTRAL DENSITY

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		

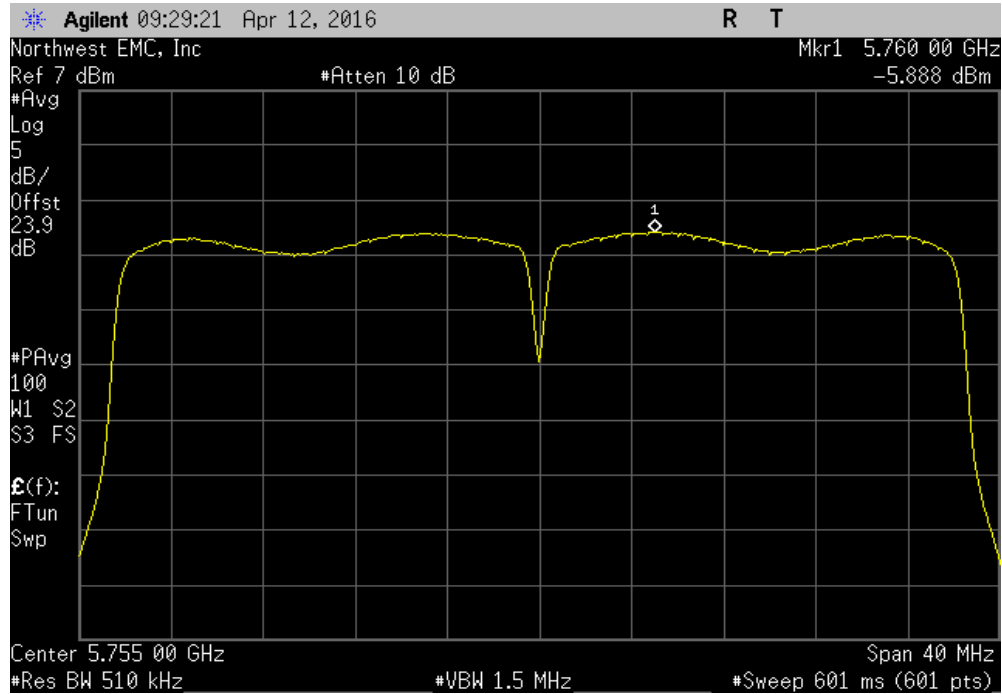


SISO, Chain B, 40MHz BW, Low Channel, Ch 149/153 - 5755 MHz, 802.11(n) MCS7						
Power (dBm/Ref BW)	Duty Cycle Factor (dB)	Density (dBm/Ref BW)	Limit (dBm / Ref BW)	Results		
-6.31	1.5	-4.8	30	Pass		

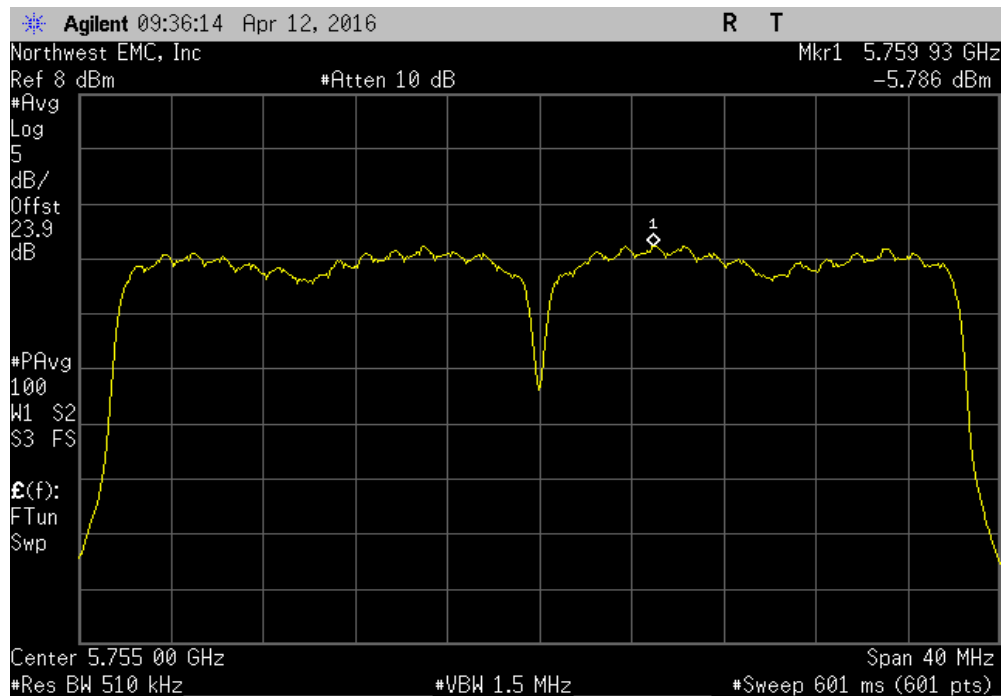


MAXIMUM POWER SPECTRAL DENSITY

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		

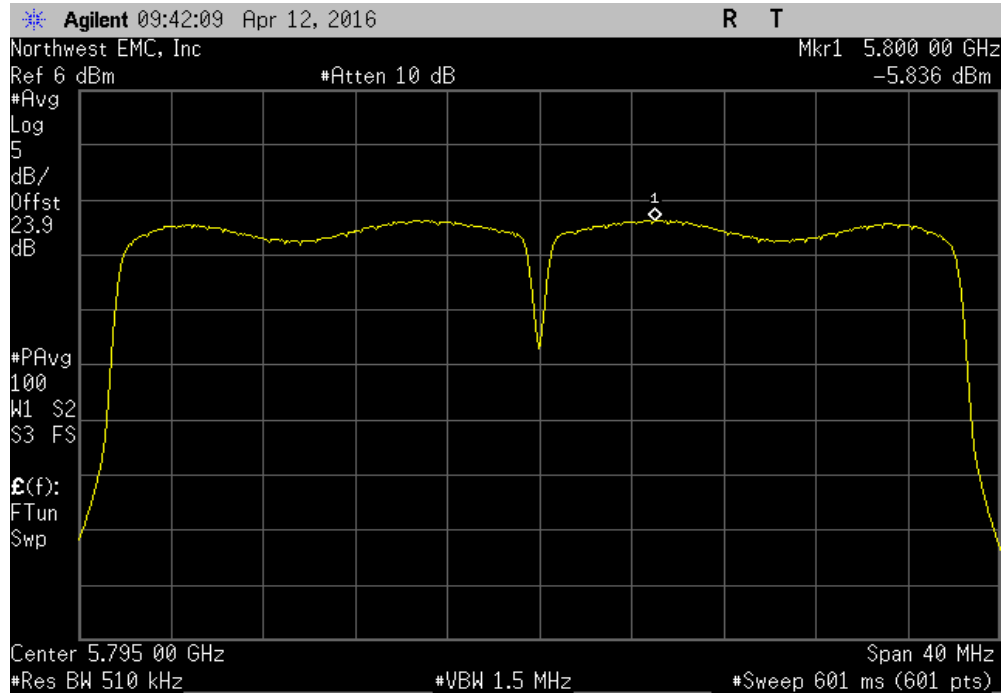


SISO, Chain B, 40MHz BW, Low Channel, Ch 149/153 - 5755 MHz, 802.11(ac) MCS9						
Power (dBm/Ref BW)	Duty Cycle Factor (dB)	Density (dBm/Ref BW)	Limit (dBm / Ref BW)	Results		
-5.786	1.6	-4.2	30	Pass		

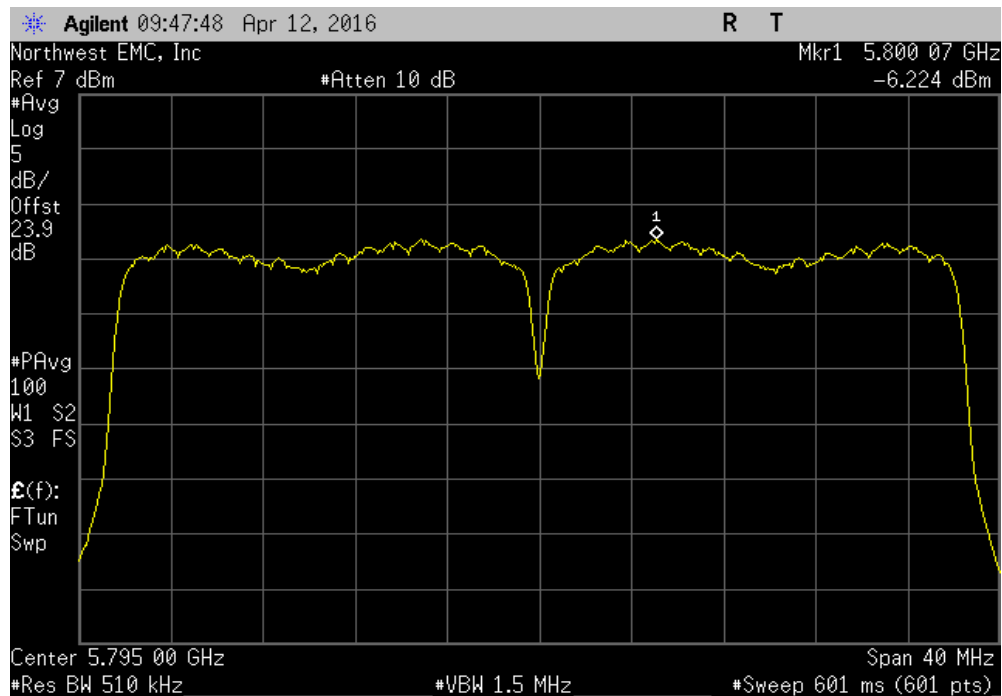


MAXIMUM POWER SPECTRAL DENSITY

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		

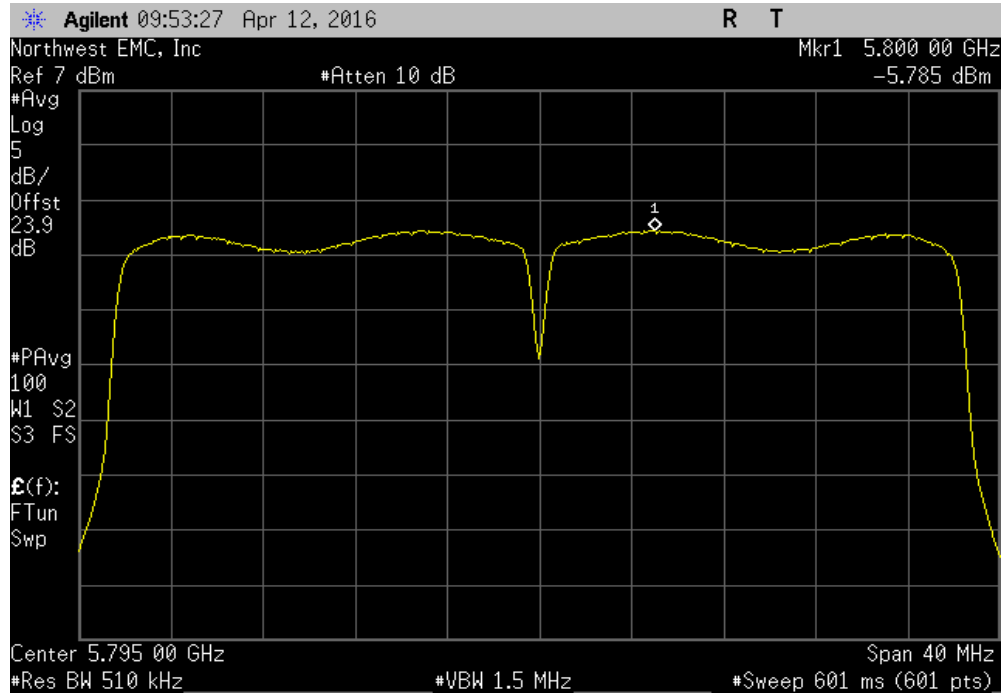


SISO, Chain B, 40MHz BW, High Channel, Ch 157/161 - 5795 MHz, 802.11(n) MCS7						
Power (dBm/Ref BW)	Duty Cycle Factor (dB)	Density (dBm/Ref BW)	Limit (dBm / Ref BW)	Results		
-6.224	1.5	-4.7	30	Pass		

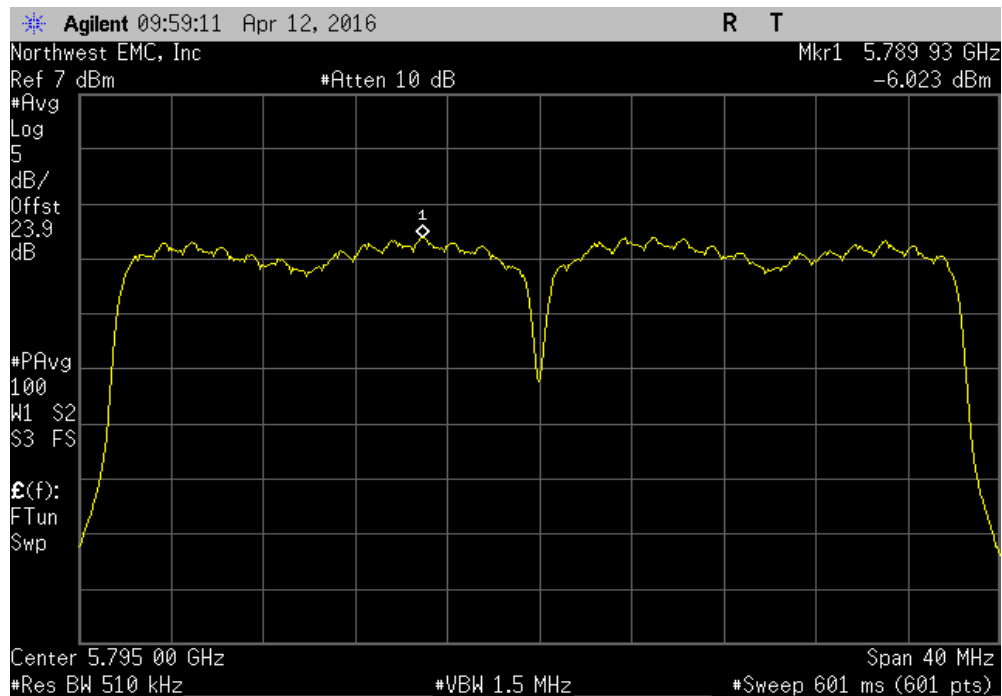


MAXIMUM POWER SPECTRAL DENSITY

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		

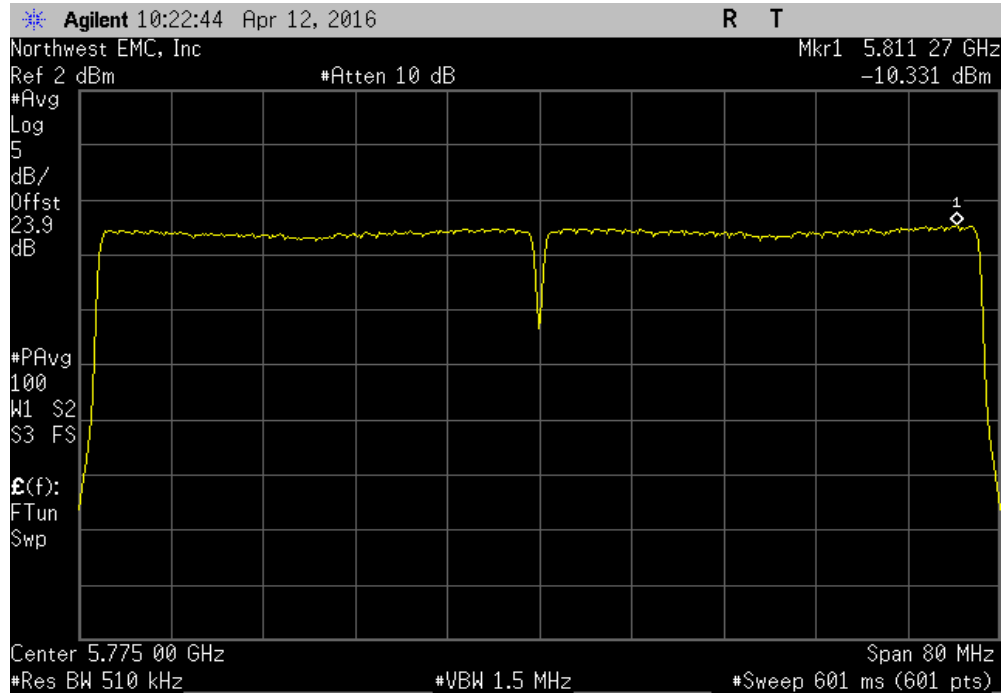


SISO, Chain B, 40MHz BW, High Channel, Ch 157/161 - 5795 MHz, 802.11(ac) MCS9						
Power (dBm/Ref BW)	Duty Cycle Factor (dB)	Density (dBm/Ref BW)	Limit (dBm / Ref BW)	Results		
-6.023	1.7	-4.4	30	Pass		

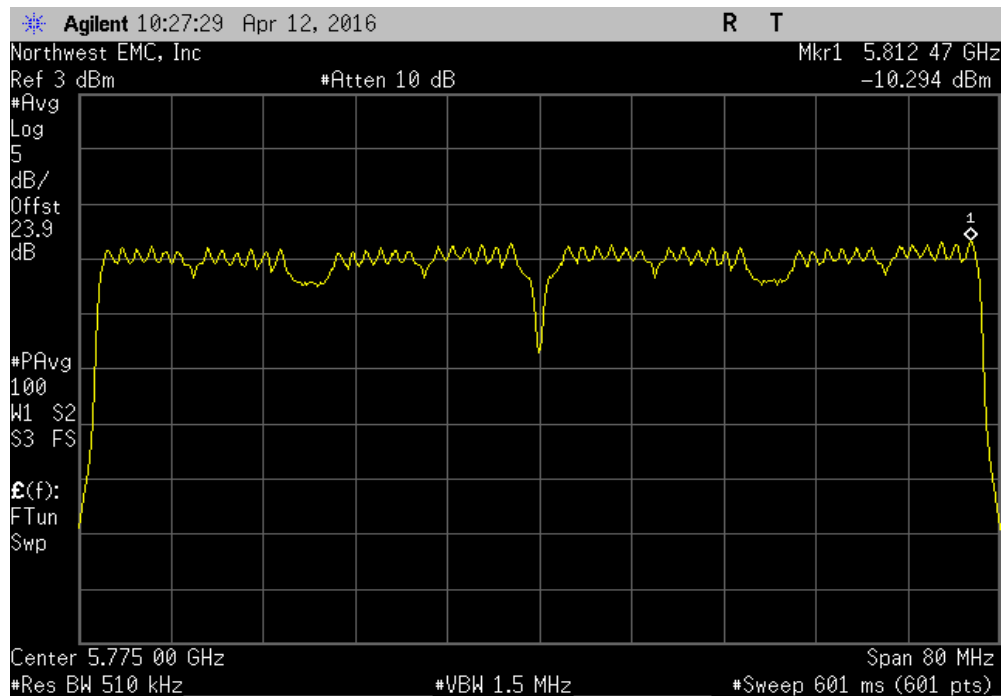


MAXIMUM POWER SPECTRAL DENSITY

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).

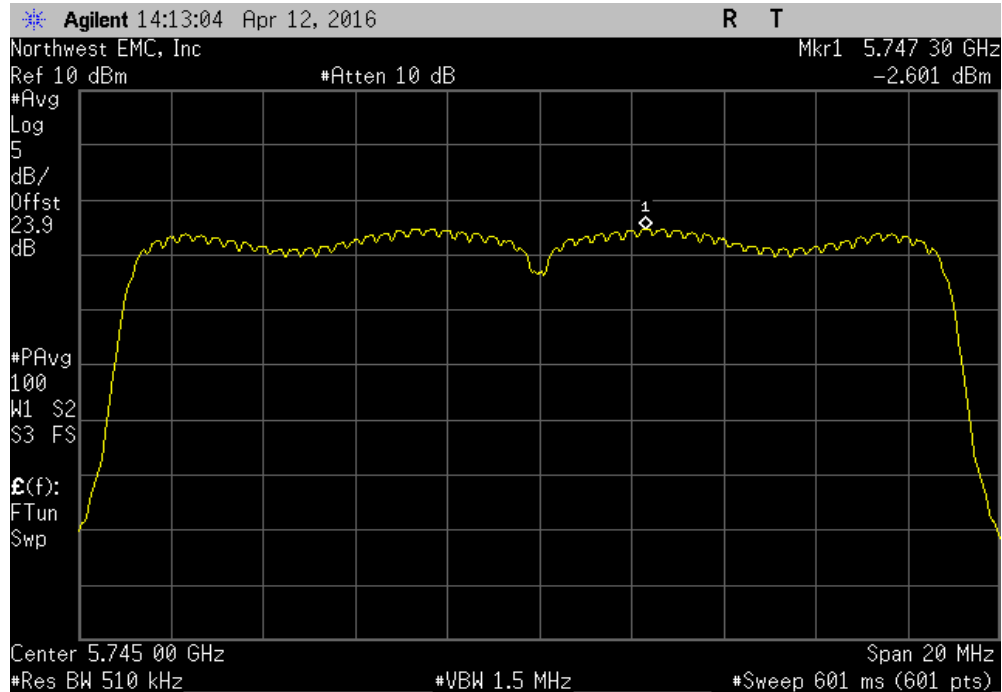
A duty cycle correction factor was added to the measurement using the results of the formula of $10 \cdot \log(1/D)$ where D is the duty cycle.

MAXIMUM POWER SPECTRAL DENSITY

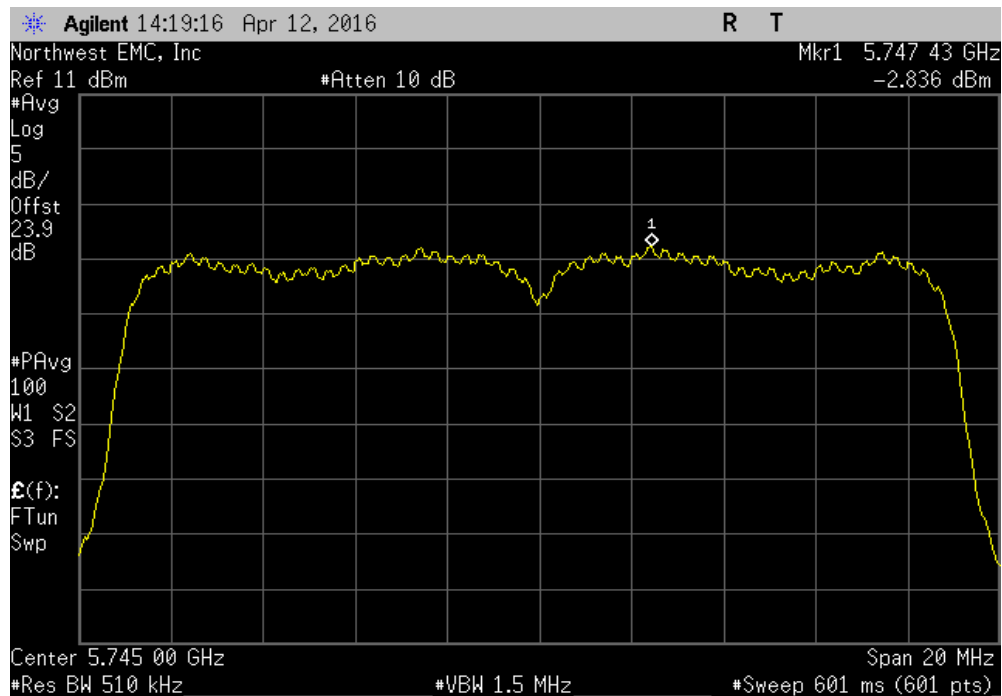
EUT: Model 1631				Work Order: MCSO1748			
Serial Number: 041152140753				Date: 04/13/16			
Customer: Microsoft Corporation				Temperature: 23°C			
Attendees: None				Humidity: 33%			
Project: None				Barometric Pres.: 1019 mbar			
Tested by: Richard Mellroth		Power: 110VAC/60Hz		Job Site: NC02			
TEST 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	

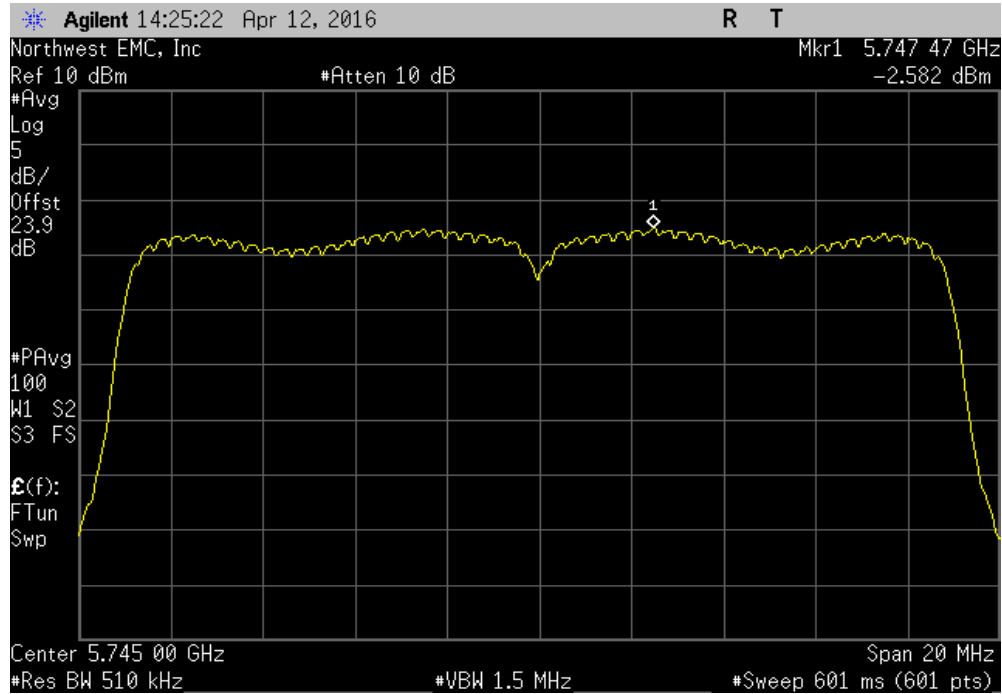


2x2 MIMO, Chain A, 20MHz BW, Low Channel, Ch 149 - 5745 MHz, 802.11(n) MCS15						
Power (dBm/Ref BW)	Duty Cycle Factor (dB)	Summing Factor (dB)	Density (dBm/Ref BW)	Limit (dBm / Ref BW)	Results	
-2.836	0.7	3.0	0.9	30	Pass	

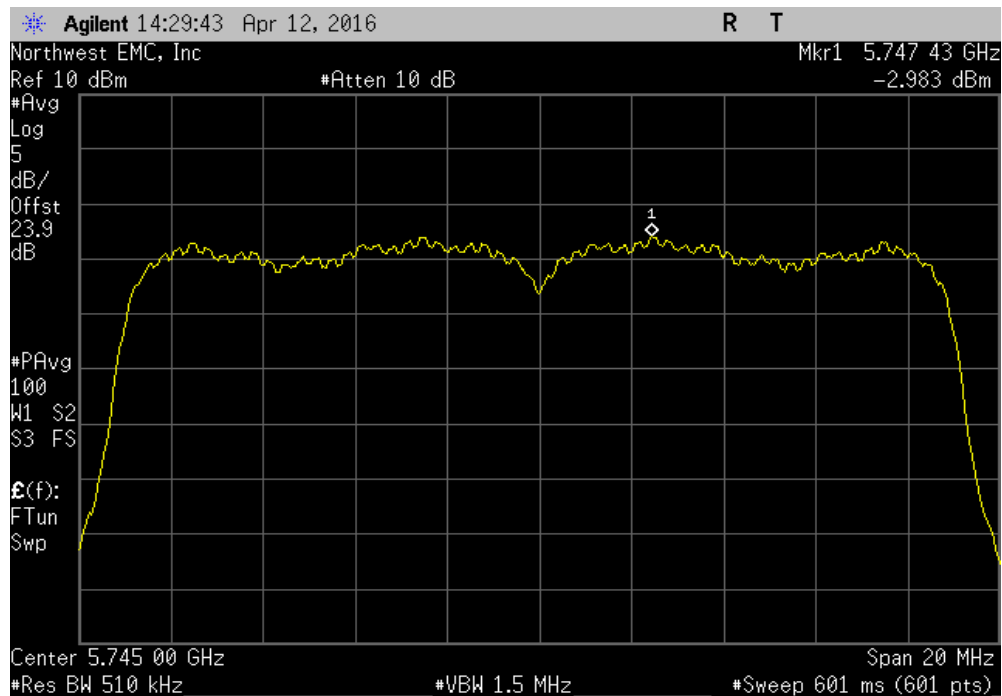


MAXIMUM POWER SPECTRAL DENSITY

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	

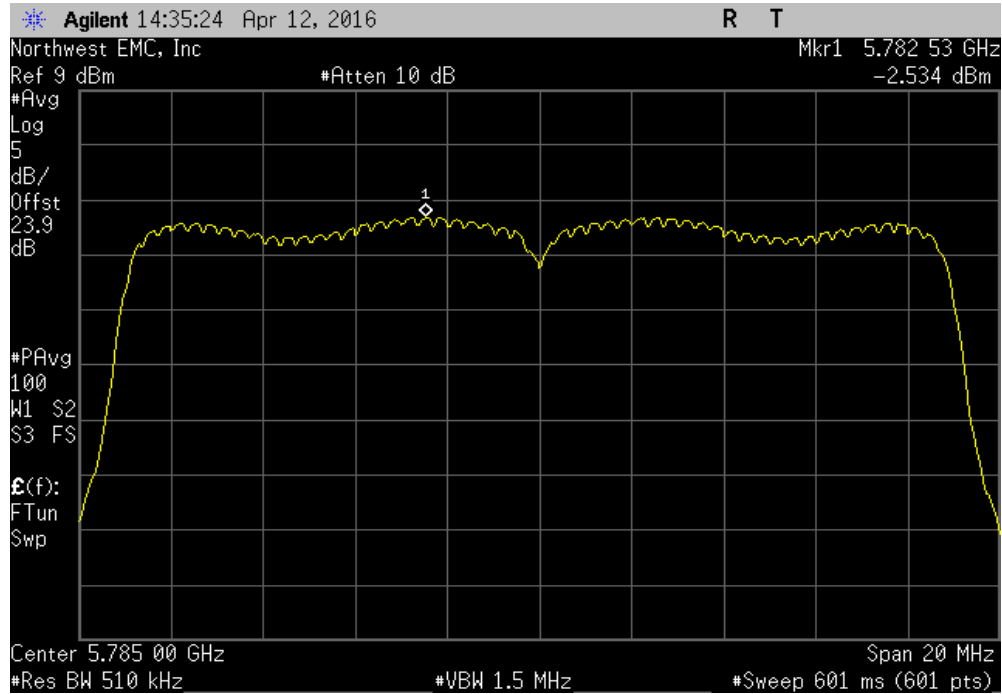


2x2 MIMO, Chain A, 20MHz BW, Low Channel, Ch 149 - 5745 MHz, 802.11(ac) MCS8						
Power (dBm/Ref BW)	Duty Cycle Factor (dB)	Summing Factor (dB)	Density (dBm/Ref BW)	Limit (dBm / Ref BW)	Results	
-2.983	0.7	3.0	0.7	30	Pass	

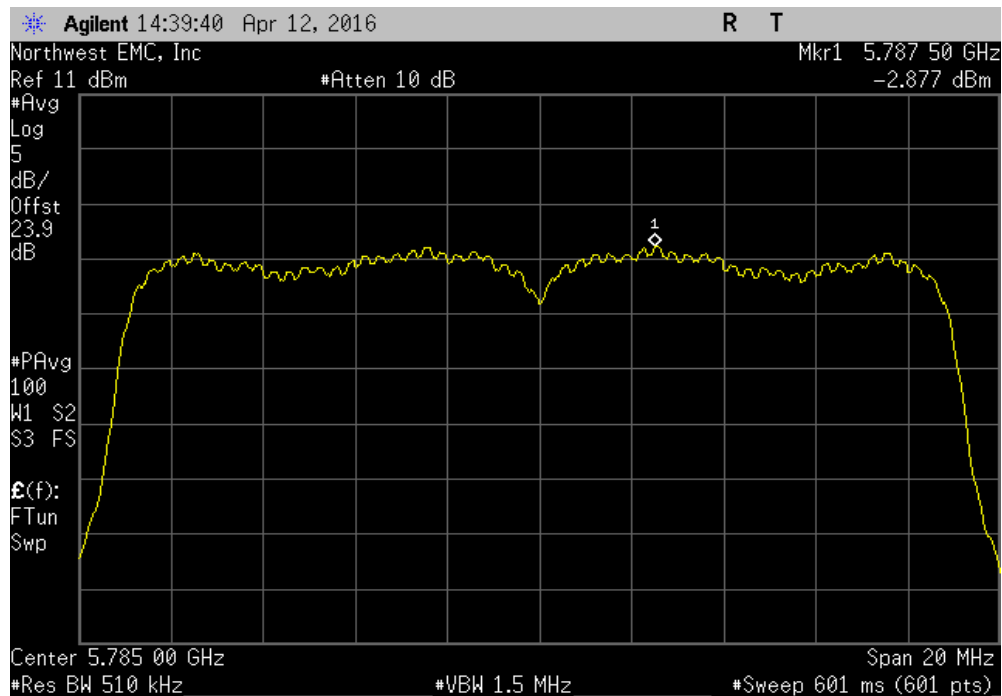


MAXIMUM POWER SPECTRAL DENSITY

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	

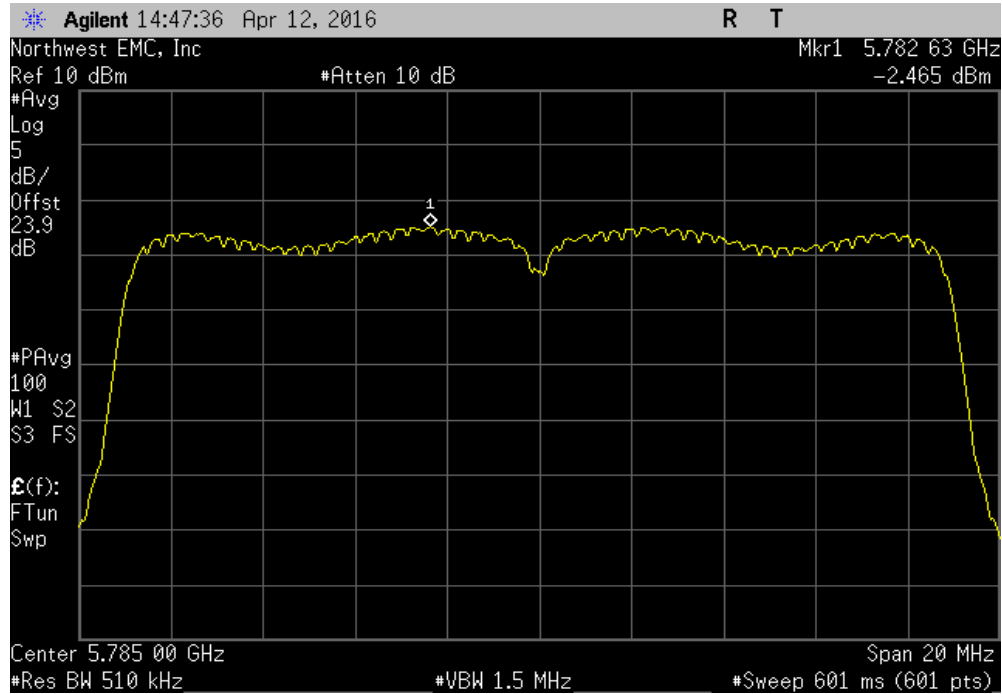


2x2 MIMO, Chain A, 20MHz BW, Mid Channel, Ch 157 - 5785 MHz, 802.11(n) MCS15						
Power (dBm/Ref BW)	Duty Cycle Factor (dB)	Summing Factor (dB)	Density (dBm/Ref BW)	Limit (dBm / Ref BW)	Results	
-2.877	0.7	3.0	0.8	30	Pass	

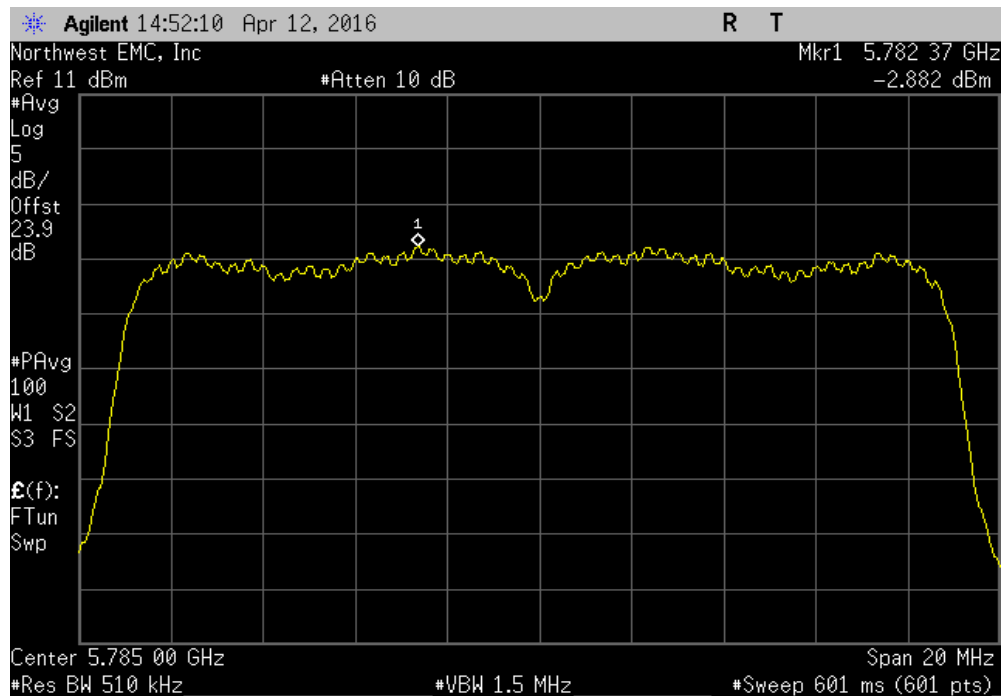


MAXIMUM POWER SPECTRAL DENSITY

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	

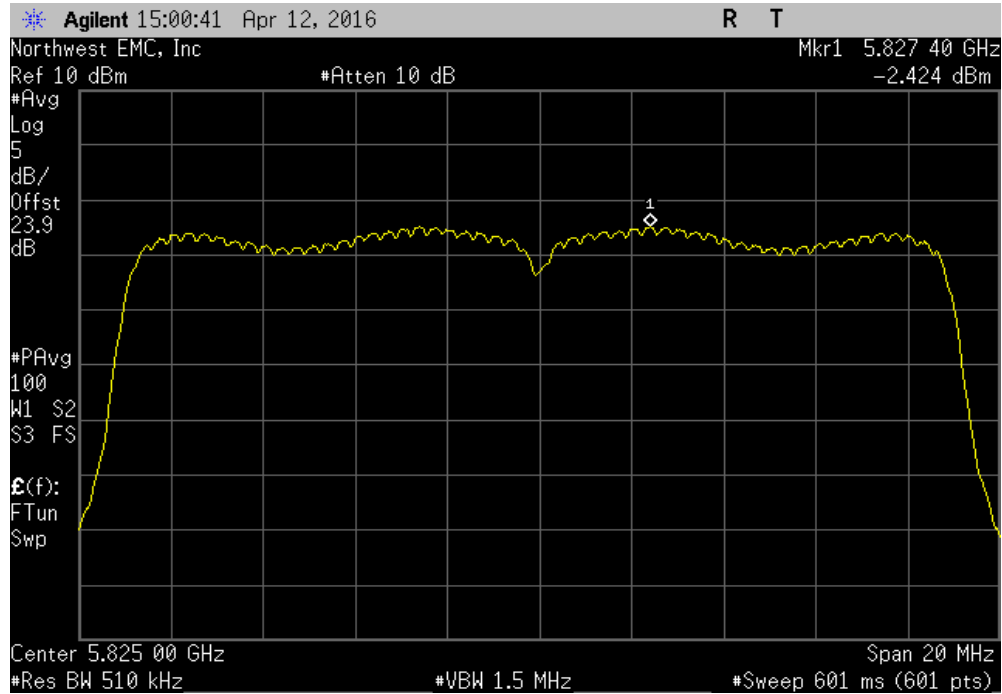


2x2 MIMO, Chain A, 20MHz BW, Mid Channel, Ch 157 - 5785 MHz, 802.11(ac) MCS8						
Power (dBm/Ref BW)	Duty Cycle Factor (dB)	Summing Factor (dB)	Density (dBm/Ref BW)	Limit (dBm / Ref BW)	Results	
-2.882	0.7	3.0	0.8	30	Pass	

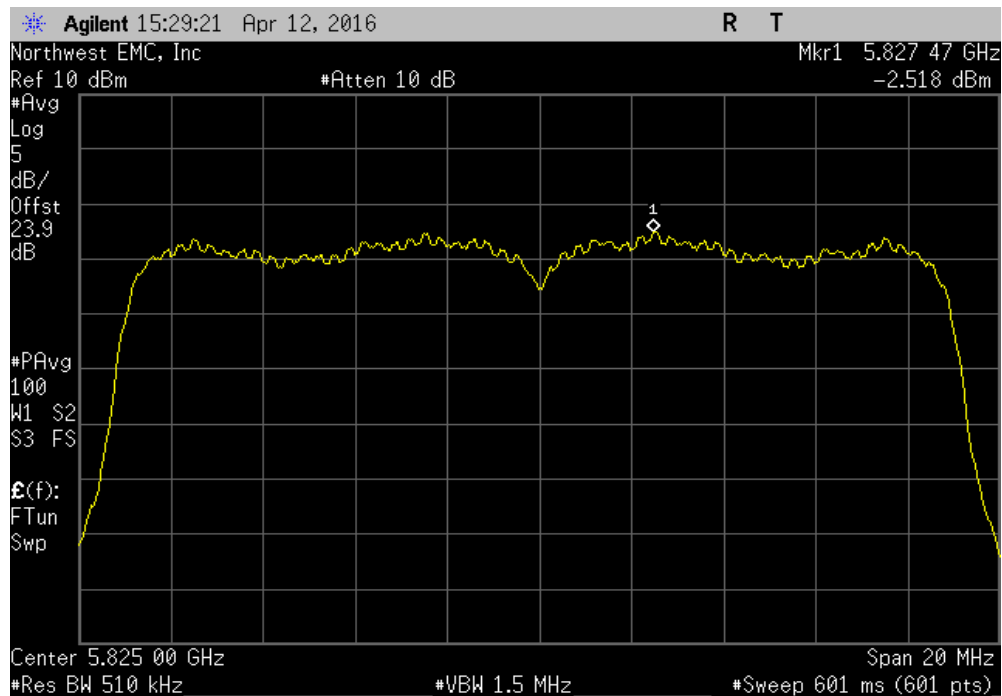


MAXIMUM POWER SPECTRAL DENSITY

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	

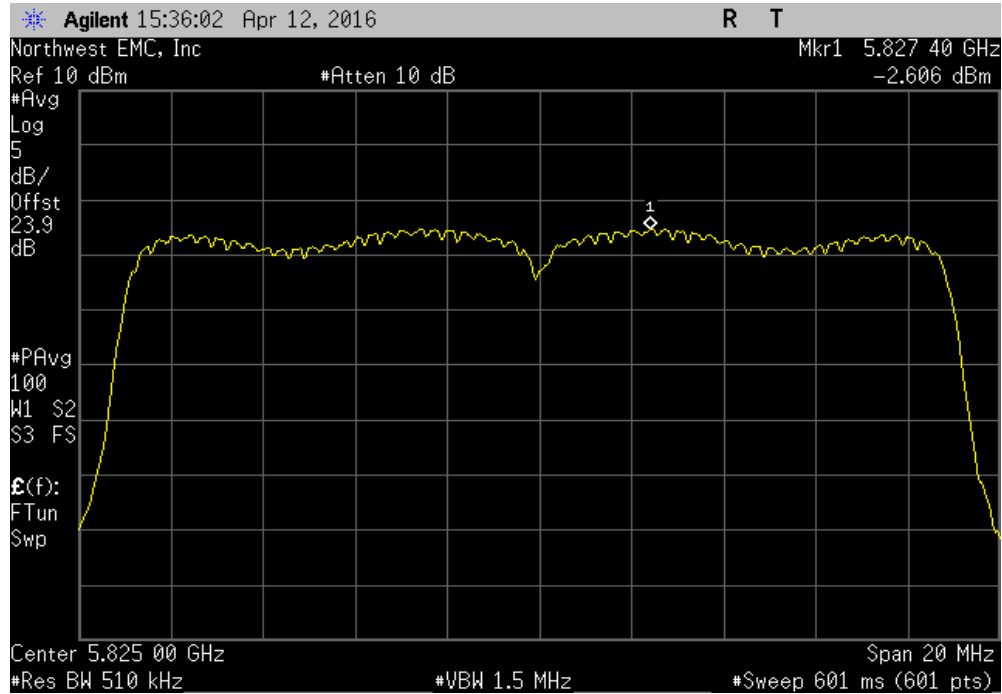


2x2 MIMO, Chain A, 20MHz BW, High Channel, Ch 165 - 5825 MHz, 802.11(n) MCS15						
Power (dBm/Ref BW)	Duty Cycle Factor (dB)	Summing Factor (dB)	Density (dBm/Ref BW)	Limit (dBm / Ref BW)	Results	
-2.518	0.7	3.0	1.2	30	Pass	

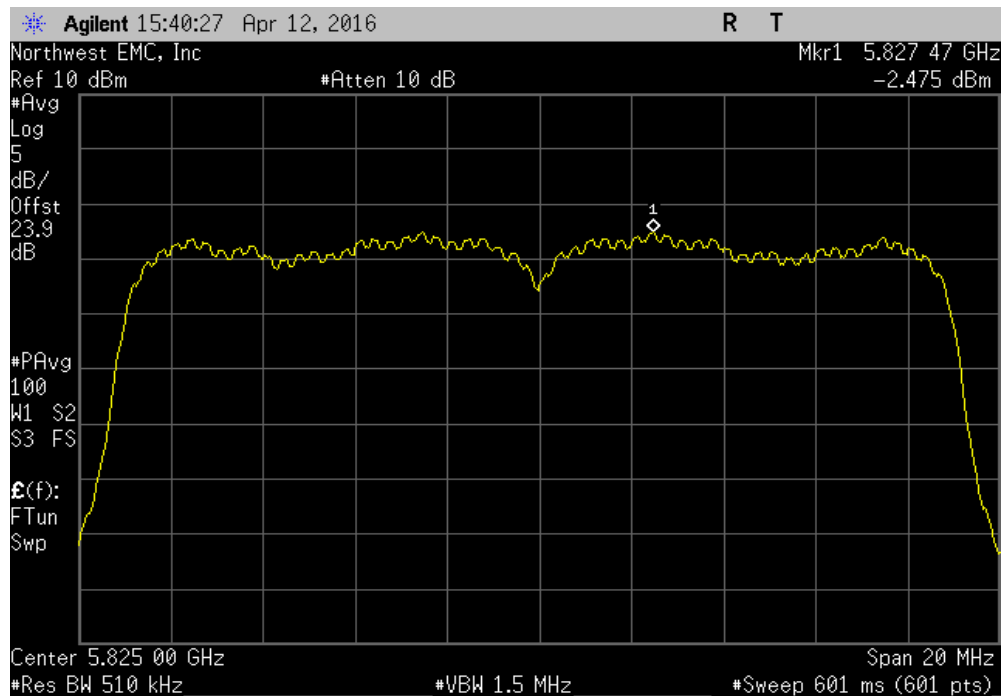


MAXIMUM POWER SPECTRAL DENSITY

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	

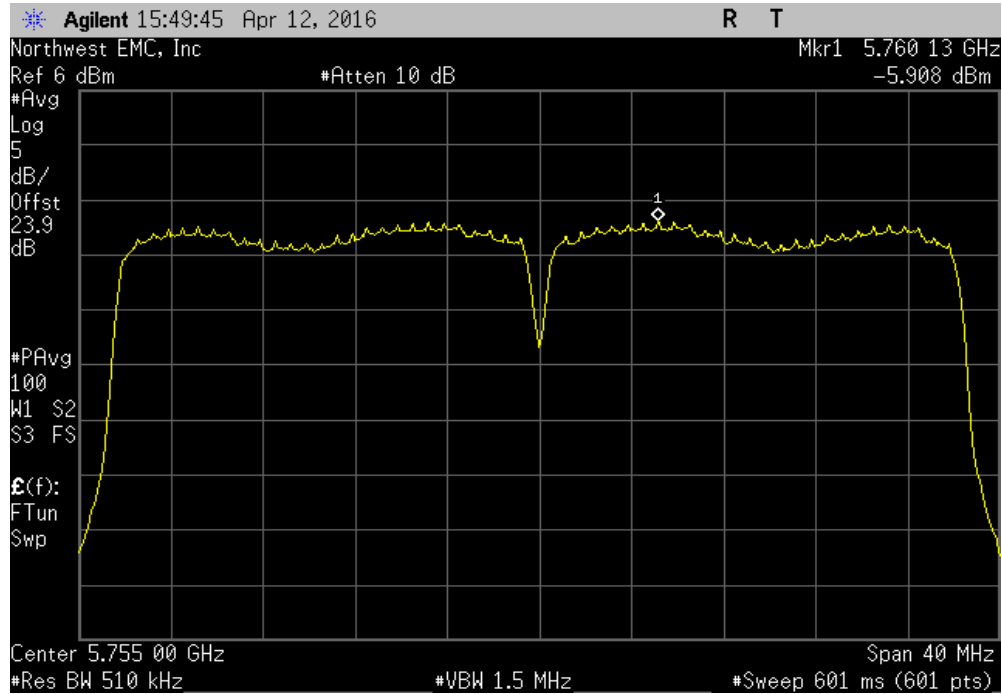


2x2 MIMO, Chain A, 20MHz BW, High Channel, Ch 165 - 5825 MHz, 802.11(ac) MCS8						
Power (dBm/Ref BW)	Duty Cycle Factor (dB)	Summing Factor (dB)	Density (dBm/Ref BW)	Limit (dBm / Ref BW)	Results	
-2.475	0.7	3.0	1.2	30	Pass	

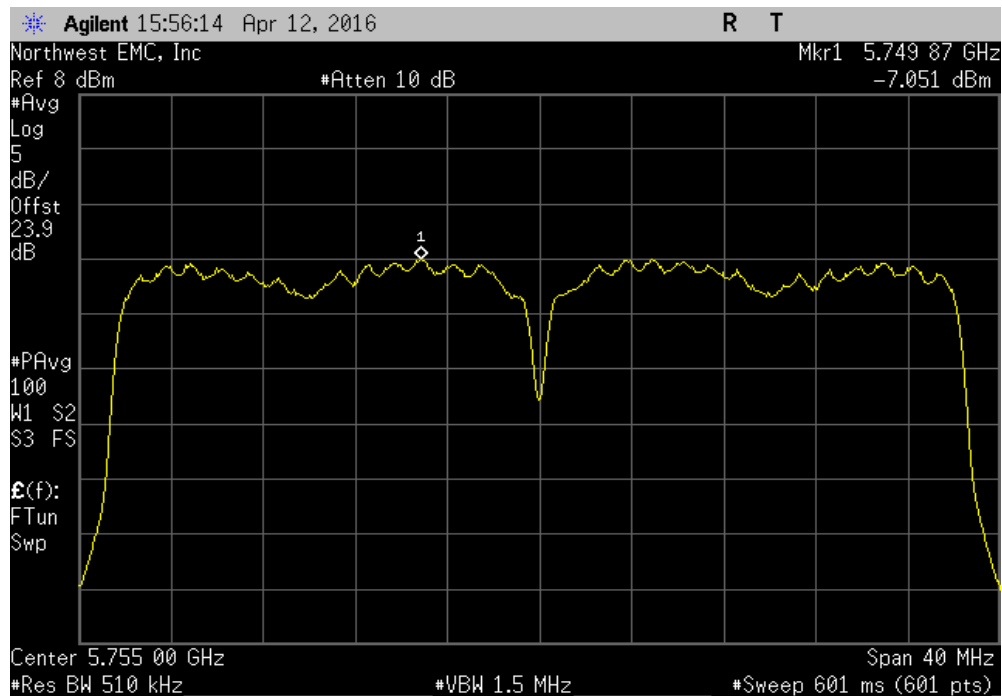


MAXIMUM POWER SPECTRAL DENSITY

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

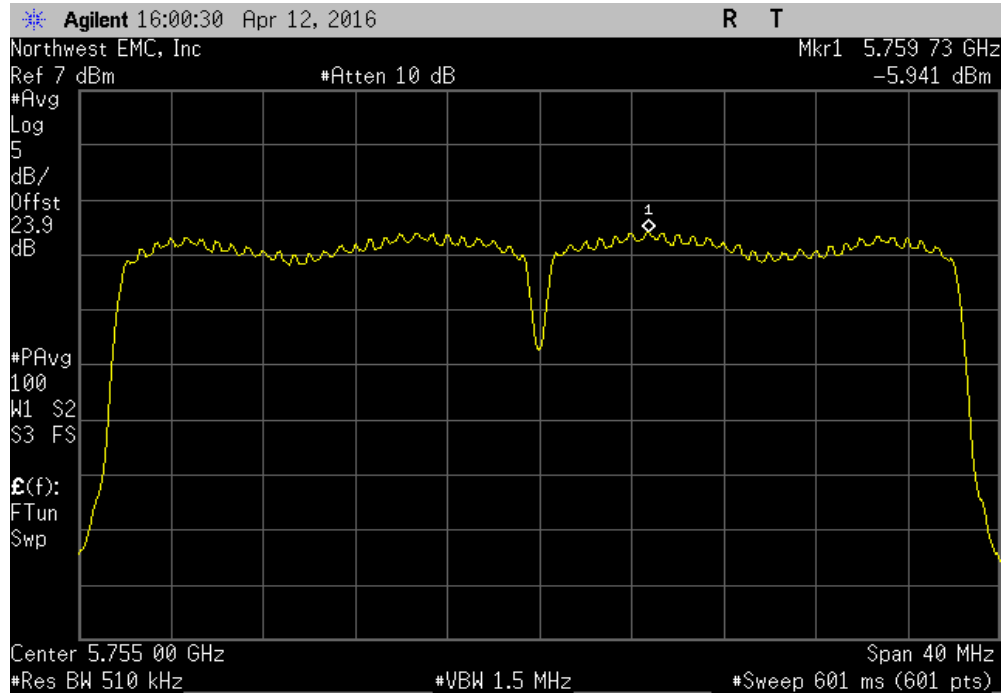


2x2 MIMO, Chain A, 40MHz BW, Low Channel, Ch 149/153 - 5755 MHz, 802.11(n) MCS15						
	Power (dBm/Ref BW)	Duty Cycle Factor (dB)	Summing Factor (dB)	Density (dBm/Ref BW)	Limit (dBm / Ref BW)	Results
	-7.051	1.5	3.0	-2.5	30	Pass

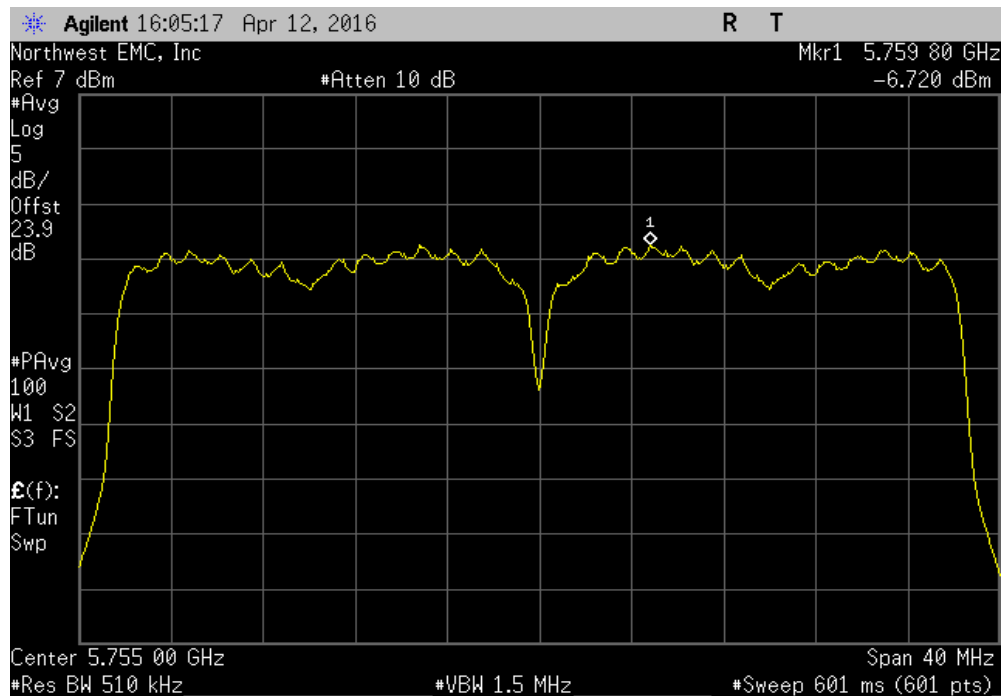


MAXIMUM POWER SPECTRAL DENSITY

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	

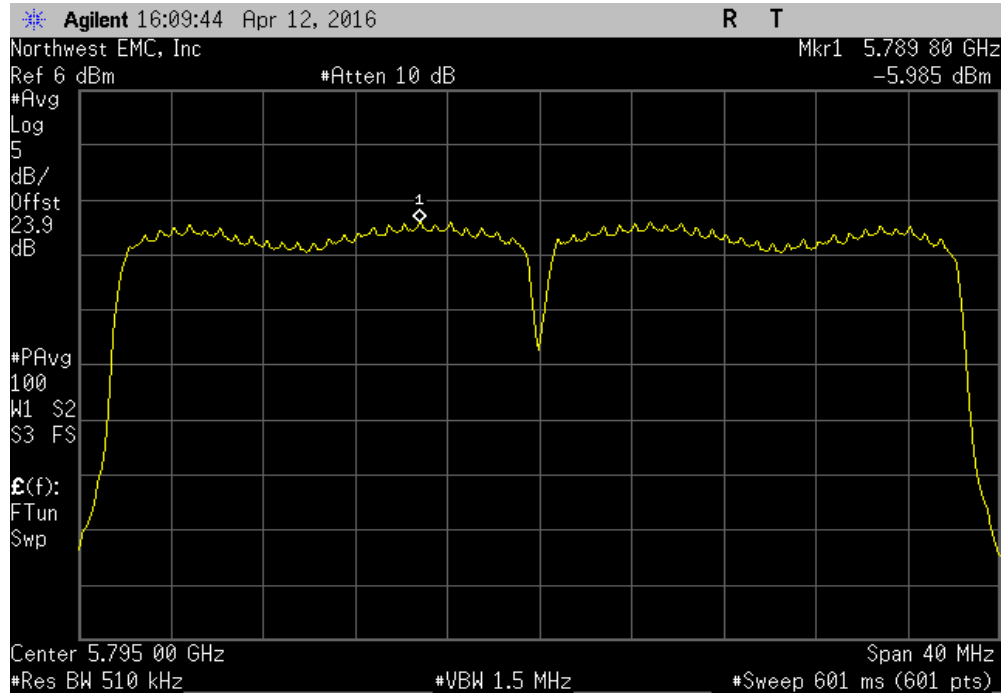


2x2 MIMO, Chain A, 40MHz BW, Low Channel, Ch 149/153 - 5755 MHz, 802.11(ac) MCS9						
Power (dBm/Ref BW)	Duty Cycle Factor (dB)	Summing Factor (dB)	Density (dBm/Ref BW)	Limit (dBm / Ref BW)	Results	
-6.72	1.2	3.0	-2.5	30	Pass	

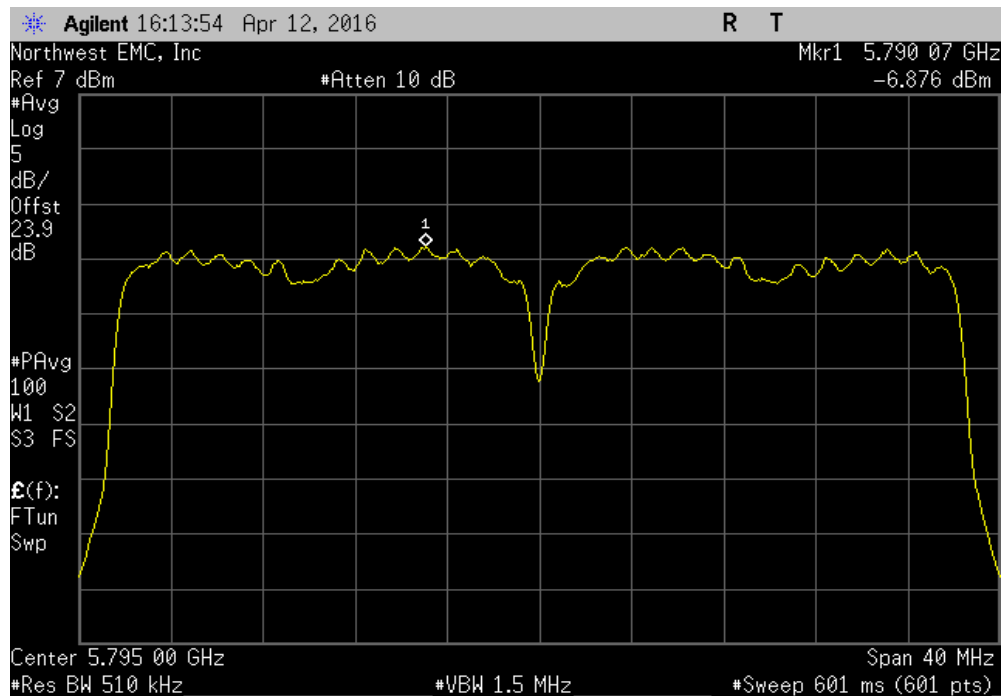


MAXIMUM POWER SPECTRAL DENSITY

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	

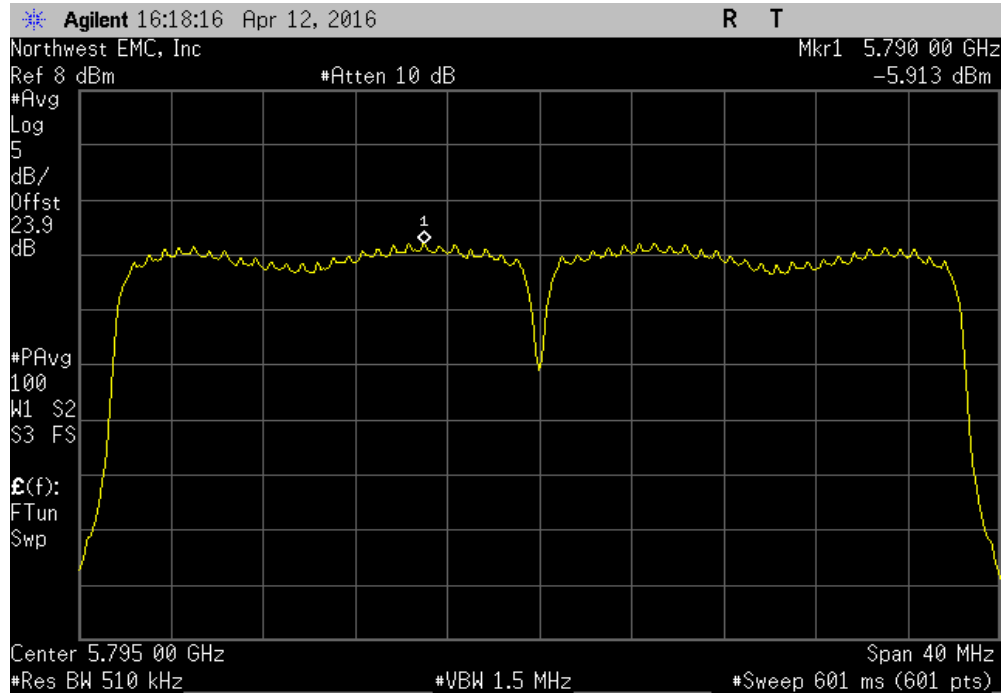


2x2 MIMO, Chain A, 40MHz BW, High Channel, Ch 157/161 - 5795 MHz, 802.11(n) MCS15						
Power (dBm/Ref BW)	Duty Cycle Factor (dB)	Summing Factor (dB)	Density (dBm/Ref BW)	Limit (dBm / Ref BW)	Results	
-6.876	1.5	3.0	-2.4	30	Pass	

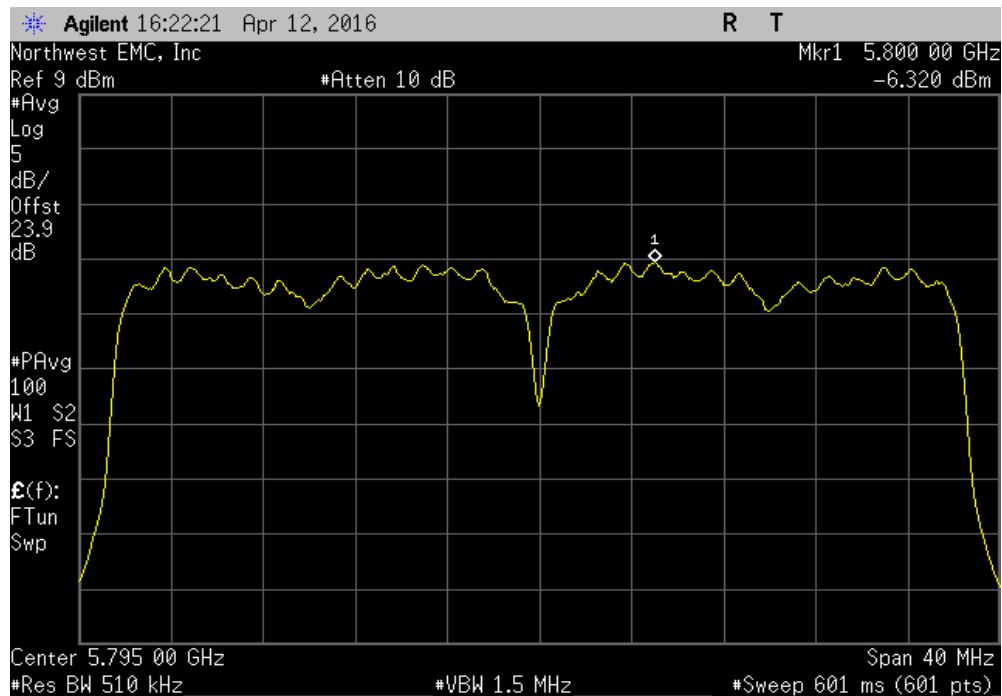


MAXIMUM POWER SPECTRAL DENSITY

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	

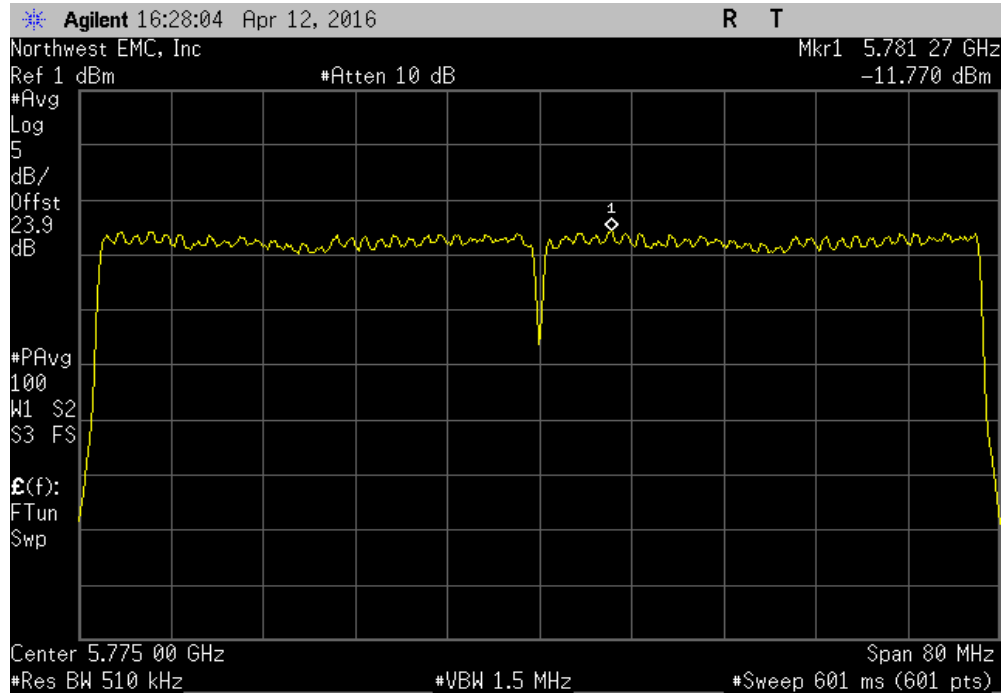


2x2 MIMO, Chain A, 40MHz BW, High Channel, Ch 157/161 - 5795 MHz, 802.11(ac) MCS9						
Power (dBm/Ref BW)	Duty Cycle Factor (dB)	Summing Factor (dB)	Density (dBm/Ref BW)	Limit dBm / Ref BW	Results	
-6.32	2.5	3.0	-0.8	30	Pass	

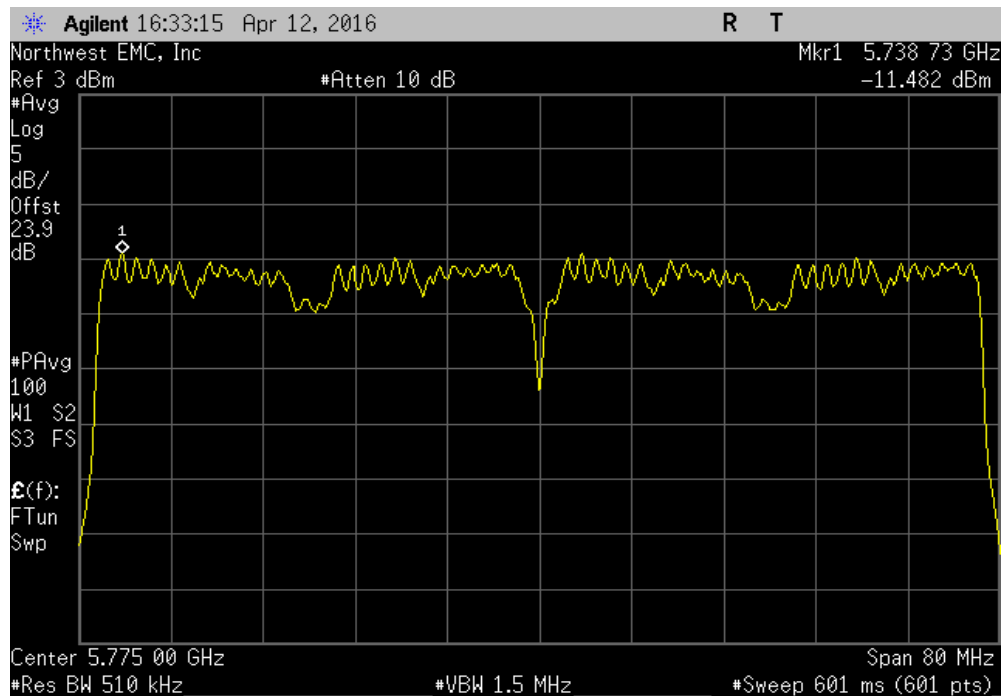


MAXIMUM POWER SPECTRAL DENSITY

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	

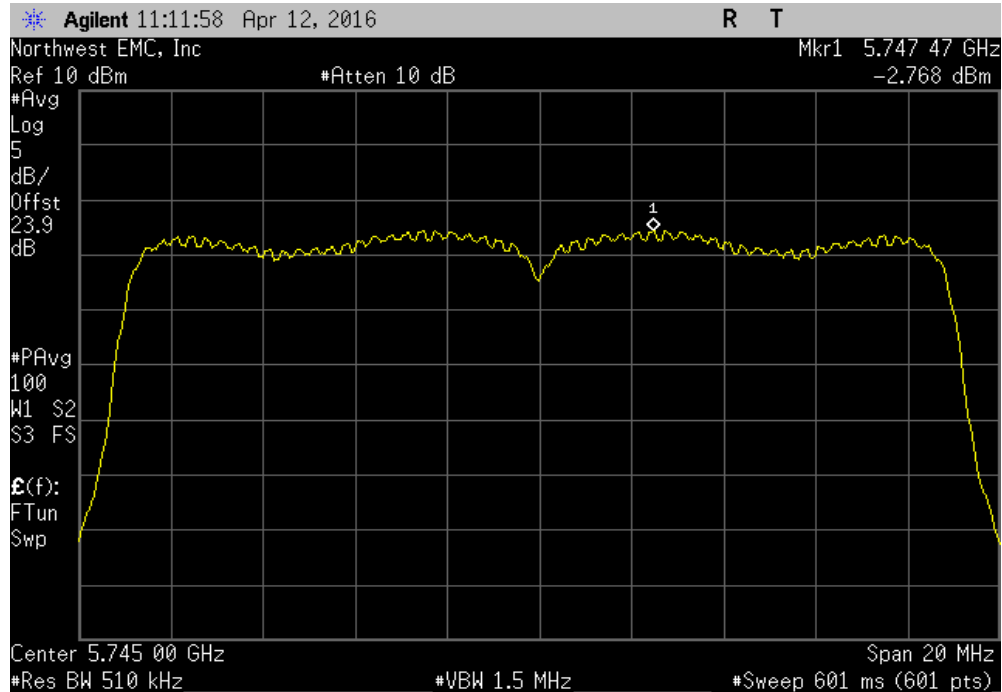


2x2 MIMO, Chain A, 80MHz BW, Mid Channel, Ch 149/161 - 5775 MHz, 802.11(ac) MCS9						
Power (dBm/Ref BW)	Duty Cycle Factor (dB)	Summing Factor (dB)	Density (dBm/Ref BW)	Limit dBm / Ref BW	Results	
-11.482	2.8	3.0	-5.7	30	Pass	

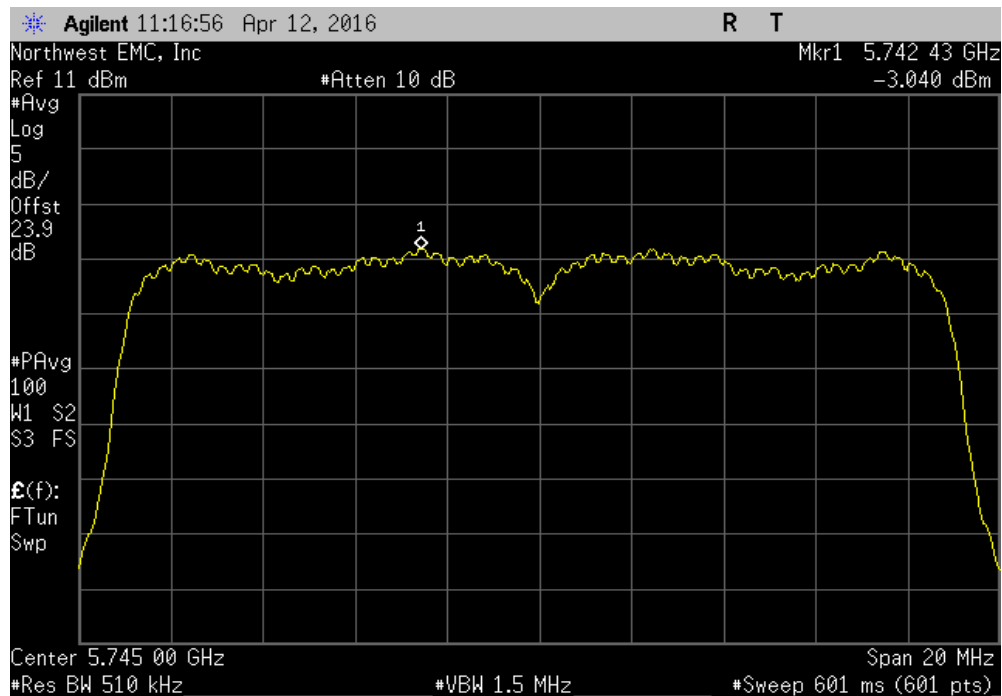


MAXIMUM POWER SPECTRAL DENSITY

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	

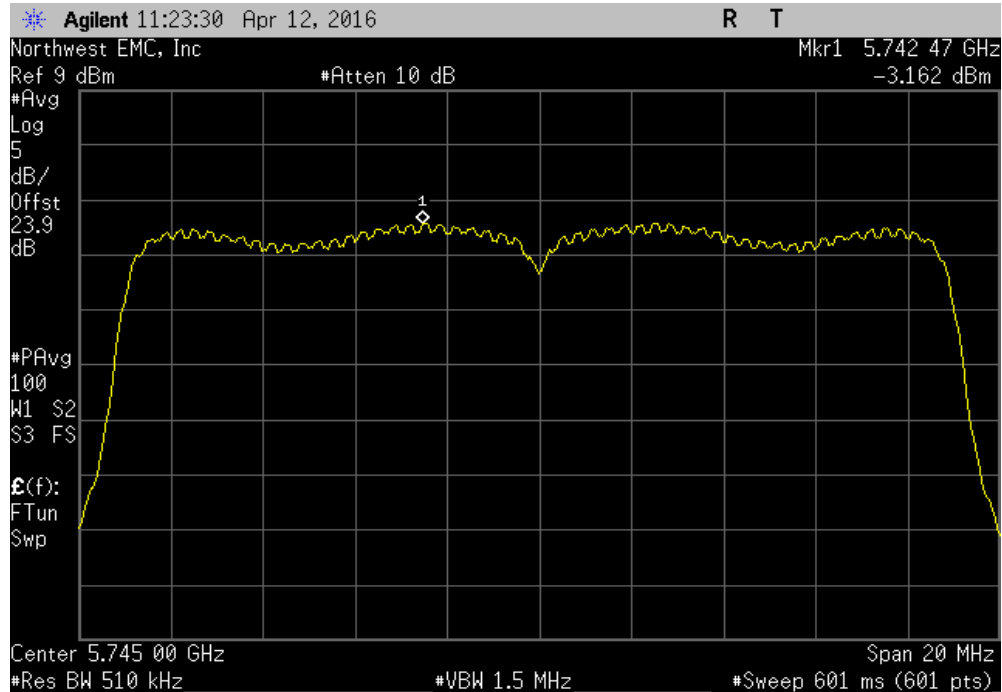


2x2 MIMO, Chain B, 20MHz BW, Low Channel, Ch 149 - 5745 MHz, 802.11(n) MCS15						
Power (dBm/Ref BW)	Duty Cycle Factor (dB)	Summing Factor (dB)	Density (dBm/Ref BW)	Limit (dBm / Ref BW)	Results	
-3.04	0.8	3.0	0.8	30	Pass	

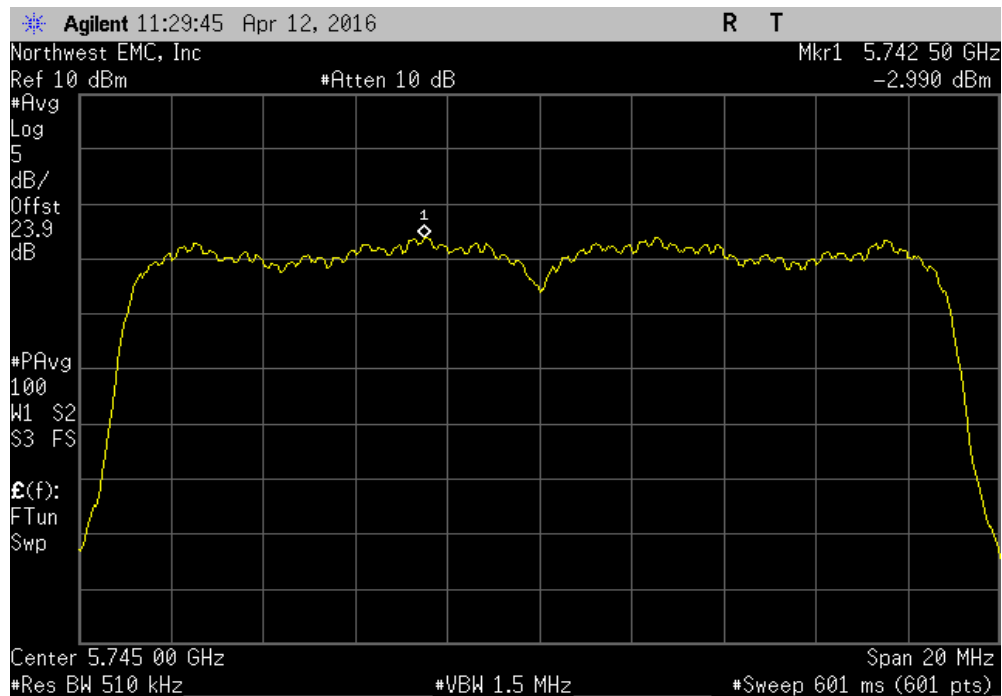


MAXIMUM POWER SPECTRAL DENSITY

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	

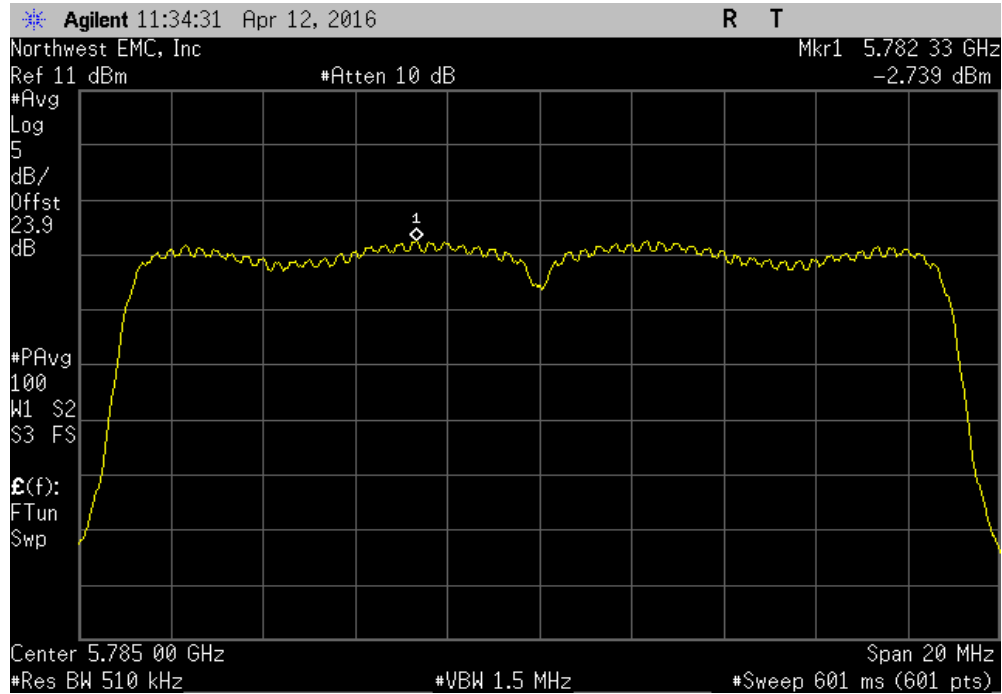


2x2 MIMO, Chain B, 20MHz BW, Low Channel, Ch 149 - 5745 MHz, 802.11(ac) MCS8						
Power (dBm/Ref BW)	Duty Cycle Factor (dB)	Summing Factor (dB)	Density (dBm/Ref BW)	Limit (dBm / Ref BW)	Results	
-2.99	0.7	3.0	0.7	30	Pass	

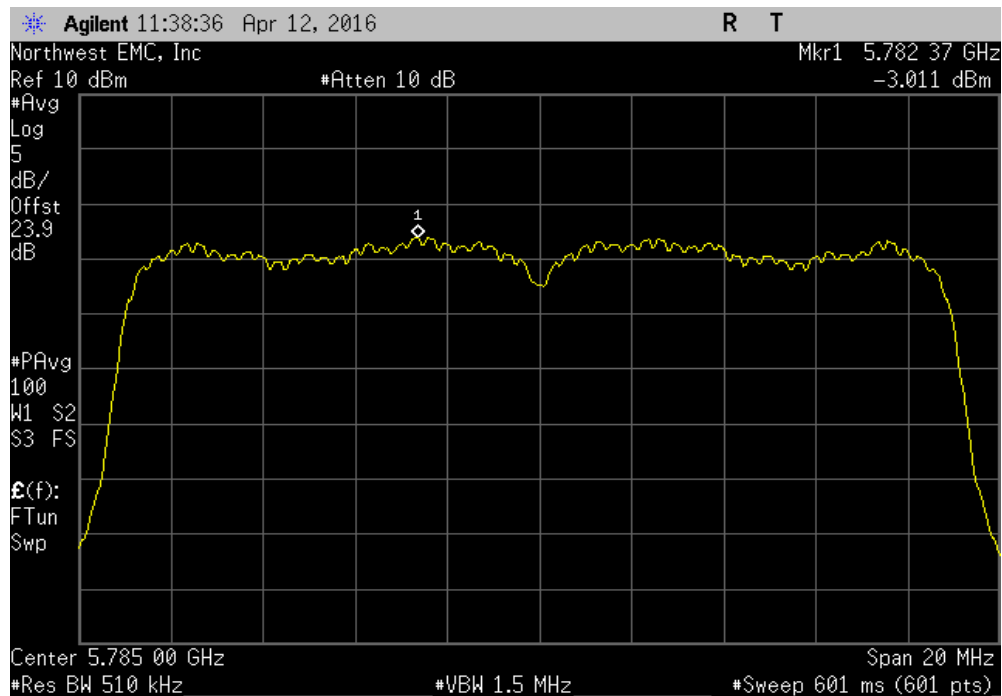


MAXIMUM POWER SPECTRAL DENSITY

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	

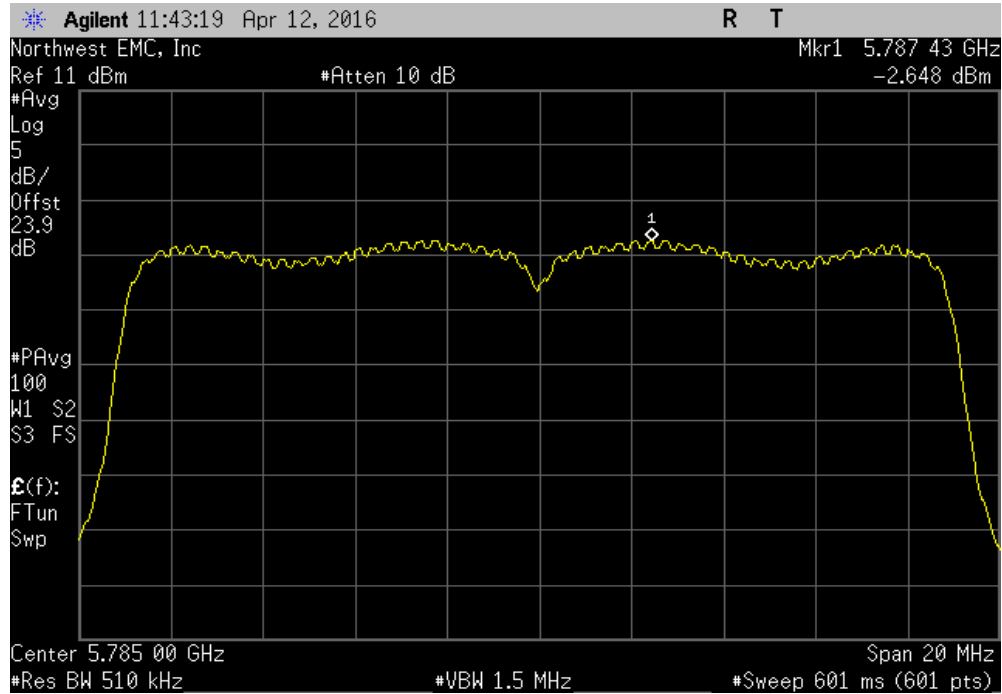


2x2 MIMO, Chain B, 20MHz BW, Mid Channel, Ch 157 - 5785 MHz, 802.11(n) MCS15						
Power (dBm/Ref BW)	Duty Cycle Factor (dB)	Summing Factor (dB)	Density (dBm/Ref BW)	Limit (dBm / Ref BW)	Results	
-3.011	0.8	3.0	0.8	30	Pass	

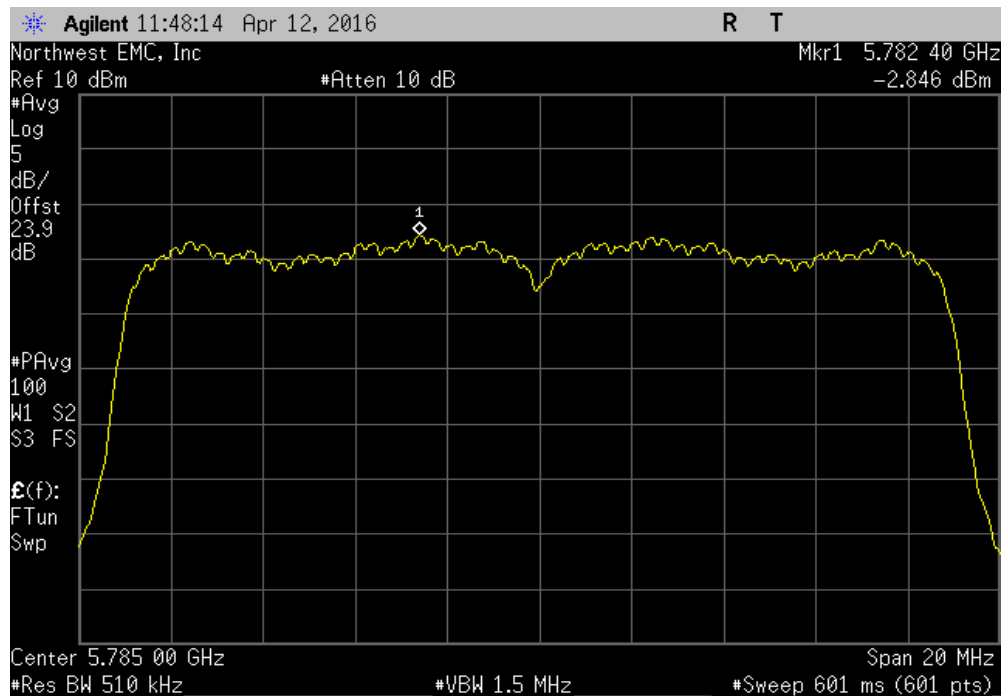


MAXIMUM POWER SPECTRAL DENSITY

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	

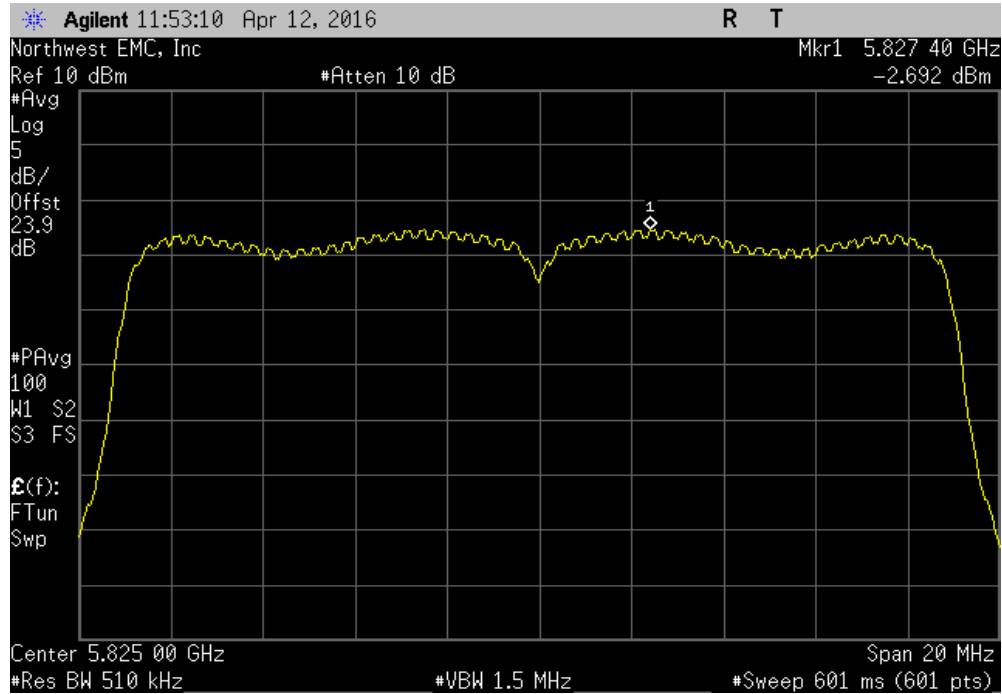


2x2 MIMO, Chain B, 20MHz BW, Mid Channel, Ch 157 - 5785 MHz, 802.11(ac) MCS8						
Power (dBm/Ref BW)	Duty Cycle Factor (dB)	Summing Factor (dB)	Density (dBm/Ref BW)	Limit (dBm / Ref BW)	Results	
-2.846	0.7	3.0	0.9	30	Pass	

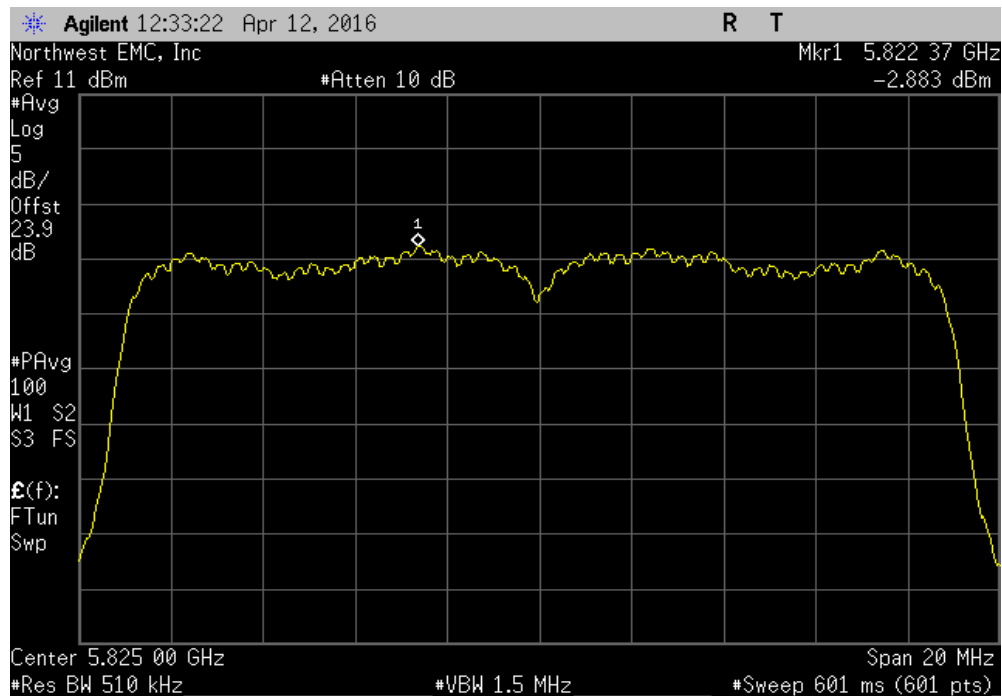


MAXIMUM POWER SPECTRAL DENSITY

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	

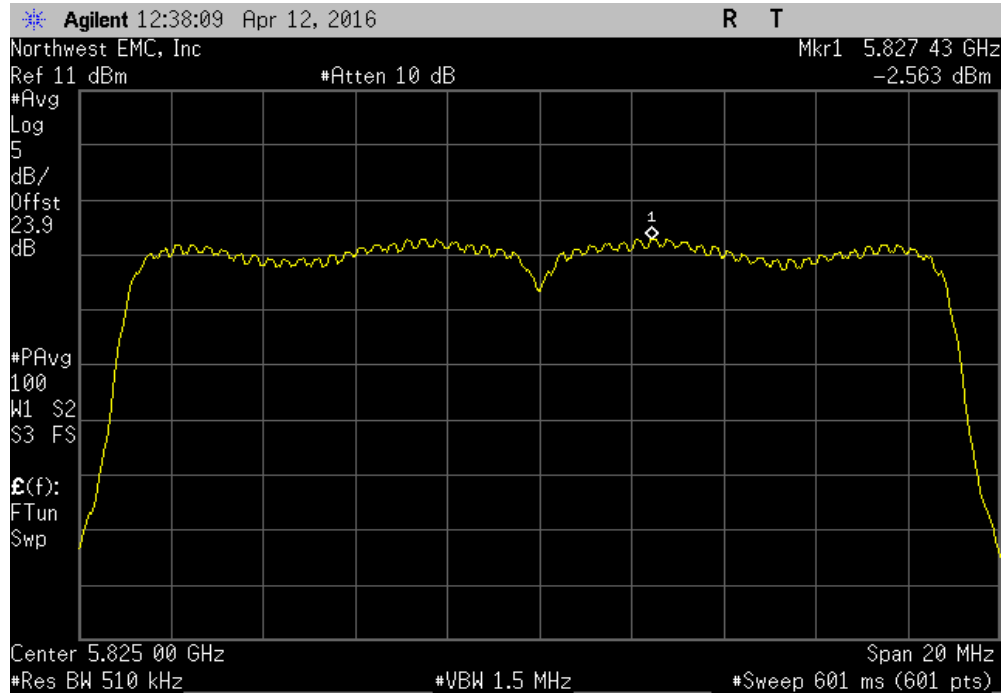


2x2 MIMO, Chain B, 20MHz BW, High Channel, Ch 165 - 5825 MHz, 802.11(n) MCS15						
Power (dBm/Ref BW)	Duty Cycle Factor (dB)	Summing Factor (dB)	Density (dBm/Ref BW)	Limit (dBm / Ref BW)	Results	
-2.883	0.8	3.0	0.9	30	Pass	

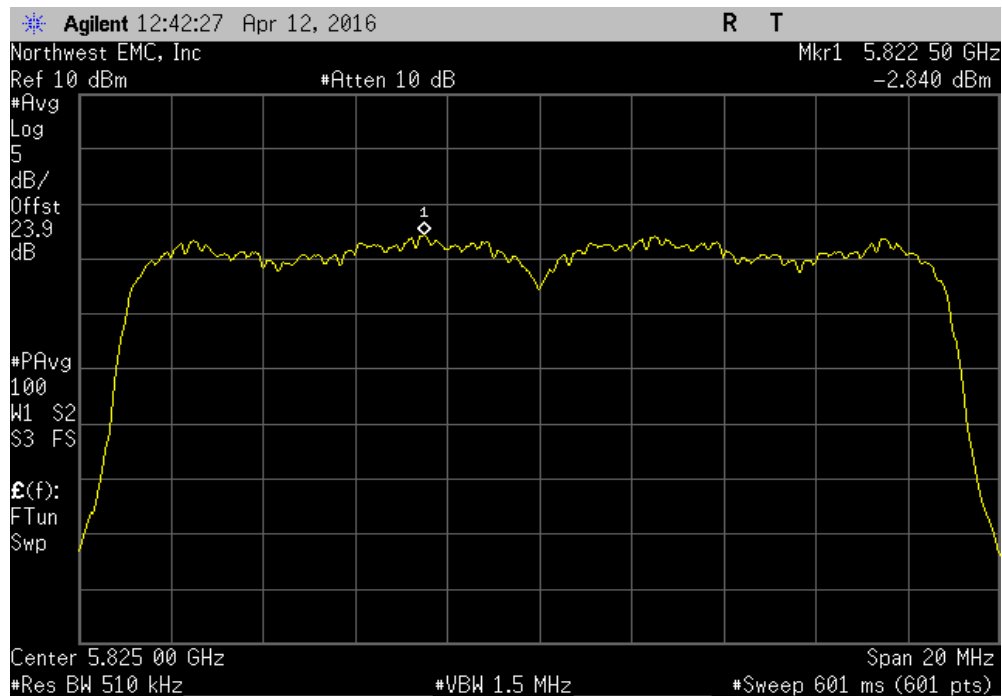


MAXIMUM POWER SPECTRAL DENSITY

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	

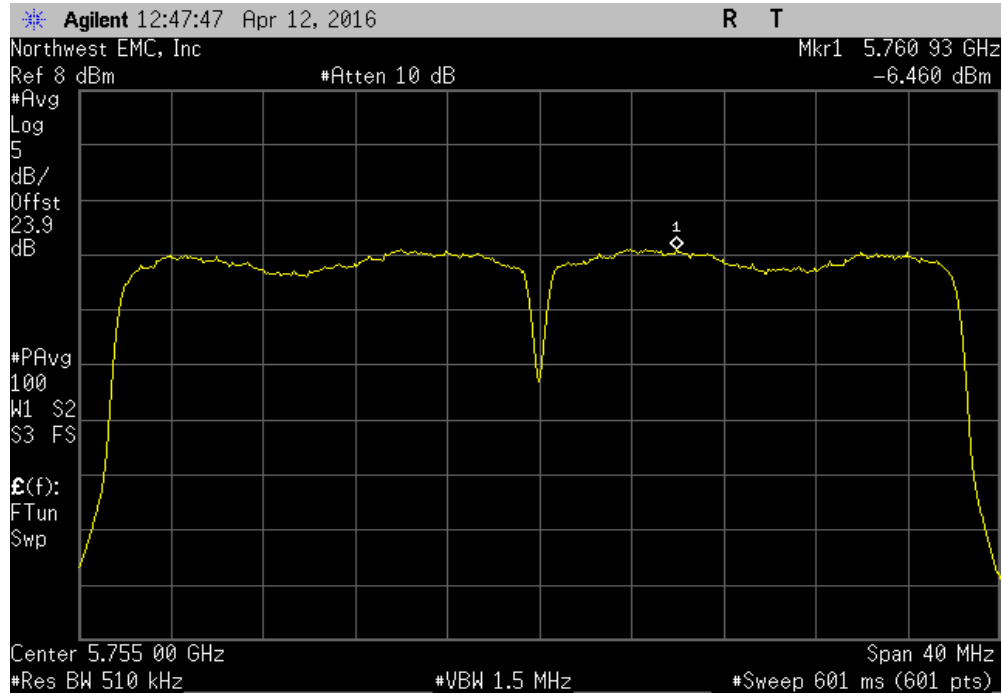


2x2 MIMO, Chain B, 20MHz BW, High Channel, Ch 165 - 5825 MHz, 802.11(ac) MCS8						
Power (dBm/Ref BW)	Duty Cycle Factor (dB)	Summing Factor (dB)	Density (dBm/Ref BW)	Limit (dBm / Ref BW)	Results	
-2.84	0.7	3.0	0.9	30	Pass	

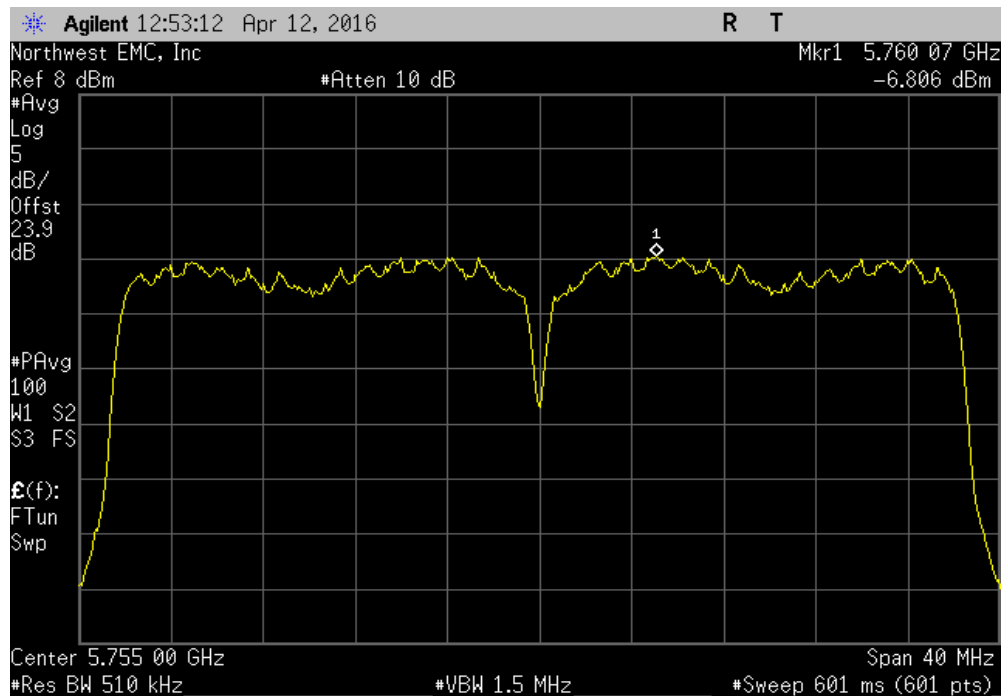


MAXIMUM POWER SPECTRAL DENSITY

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	

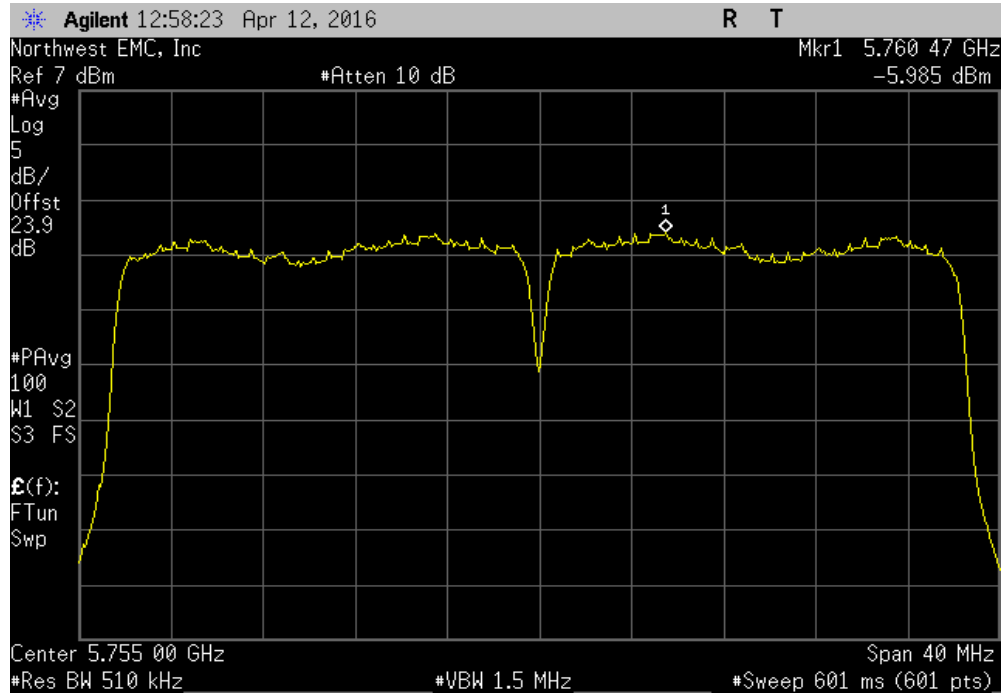


2x2 MIMO, Chain B, 40MHz BW, Low Channel, Ch 149/153 - 5755 MHz, 802.11(n) MCS15						
Power (dBm/Ref BW)	Duty Cycle Factor (dB)	Summing Factor (dB)	Density (dBm/Ref BW)	Limit (dBm / Ref BW)	Results	
-6.806	2.4	3.0	-1.4	30	Pass	

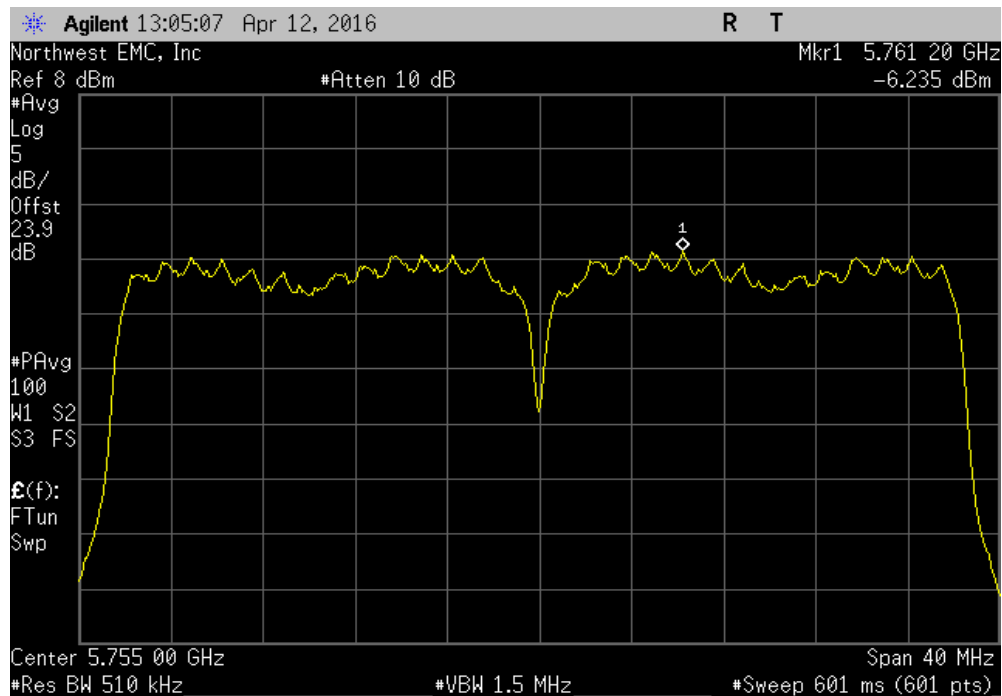


MAXIMUM POWER SPECTRAL DENSITY

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	

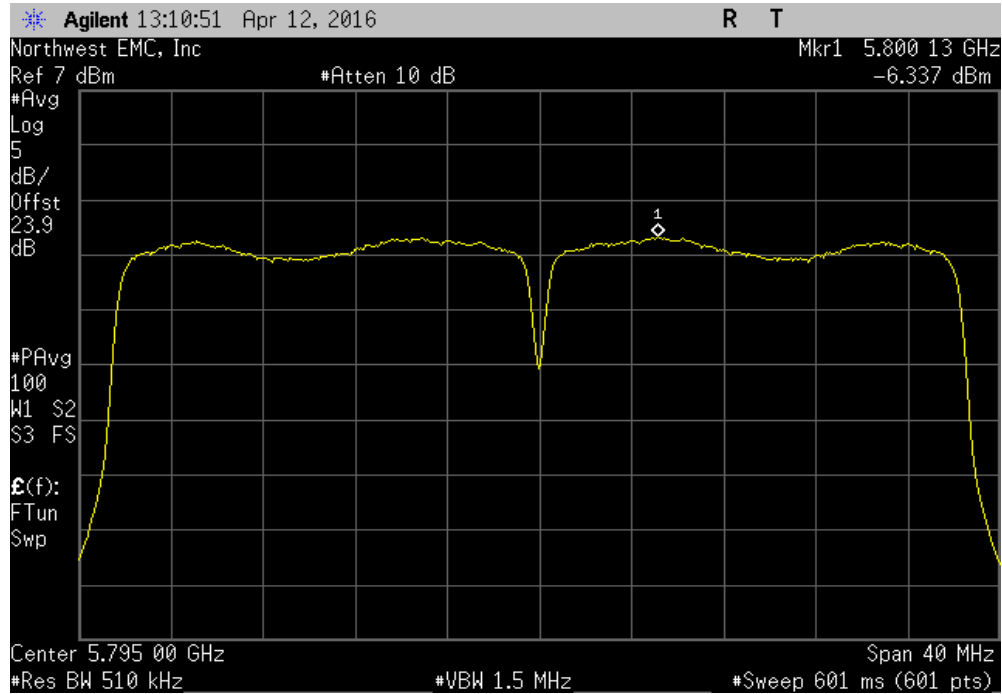


2x2 MIMO, Chain B, 40MHz BW, Low Channel, Ch 149/153 - 5755 MHz, 802.11(ac) MCS9						
Power (dBm/Ref BW)	Duty Cycle Factor (dB)	Summing Factor (dB)	Density (dBm/Ref BW)	Limit (dBm / Ref BW)	Results	
-6.235	1.1	3.0	-2.1	30	Pass	

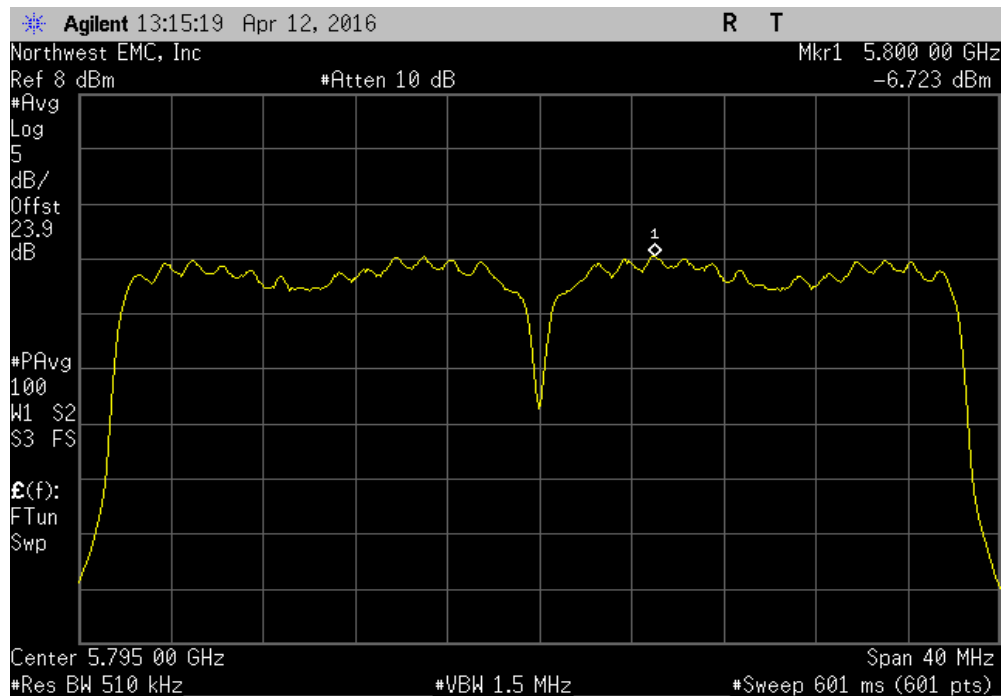


MAXIMUM POWER SPECTRAL DENSITY

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	

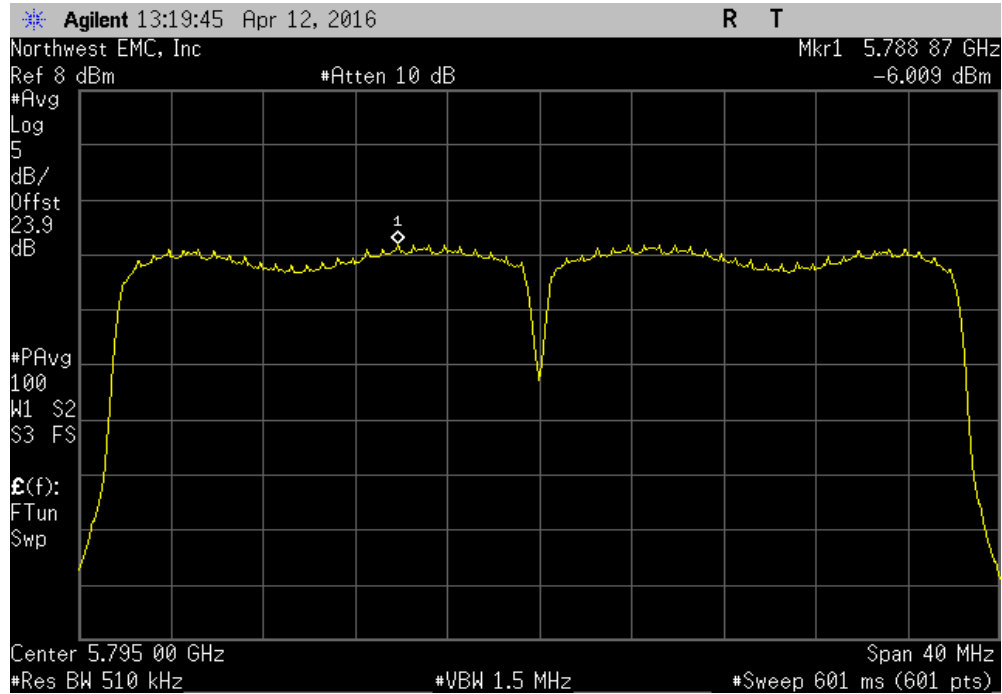


2x2 MIMO, Chain B, 40MHz BW, High Channel, Ch 157/161 - 5795 MHz, 802.11(n) MCS15						
Power (dBm/Ref BW)	Duty Cycle Factor (dB)	Summing Factor (dB)	Density (dBm/Ref BW)	Limit (dBm / Ref BW)	Results	
-6.723	2.4	3.0	-1.3	30	Pass	

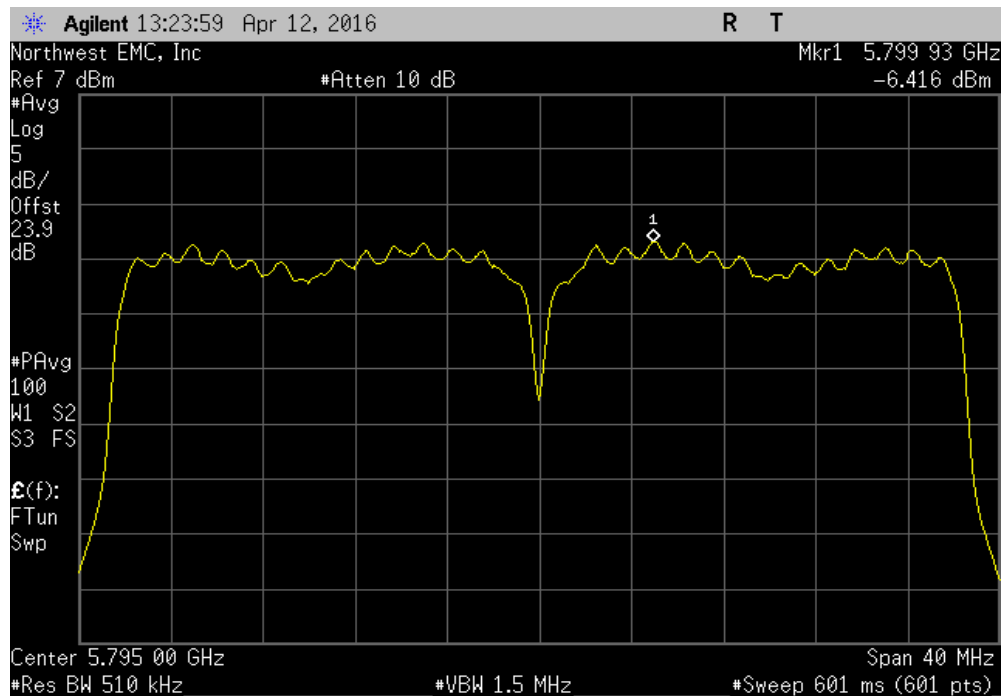


MAXIMUM POWER SPECTRAL DENSITY

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

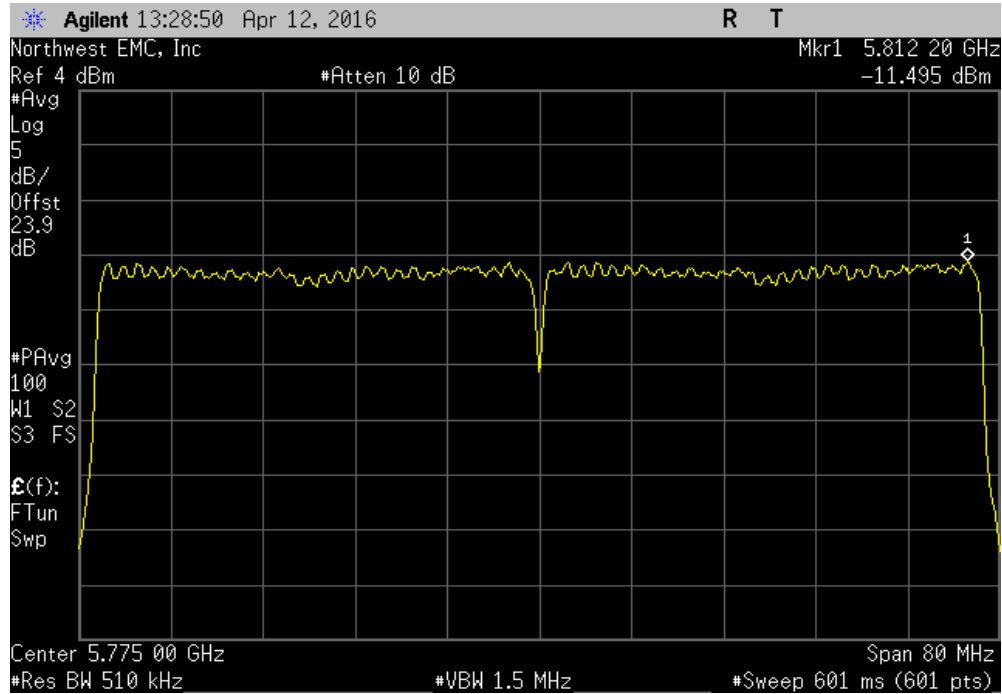


2x2 MIMO, Chain B, 40MHz BW, High Channel, Ch 157/161 - 5795 MHz, 802.11(ac) MCS9						
	Power (dBm/Ref BW)	Duty Cycle Factor (dB)	Summing Factor (dB)	Density (dBm/Ref BW)	Limit dBm / Ref BW	Results
	-6.416	2.5	3.0	-0.9	30	Pass



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	

