DUTY CYCLE

XMit 2019.06.11

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.	Cal. Due
Generator - Signal	Agilent	E8257D	TGU	15-Feb-18	15-Feb-21
Cable	Fairview Microwave	SCA1814-0101-120	OCZ	NCR	NCR
Attenuator	Fairview Microwave	SA18H-20	TKR	20-Dec-18	20-Dec-19
Block - DC	Fairview Microwave	SD3379	AMV	3-Jan-19	3-Jan-20
Analyzer - Spectrum Analyzer	Agilent	E4446A	AAY	30-Nov-18	30-Nov-19

TEST DESCRIPTION

The measurement was made using a direct connection between the RF output of the EUT and a spectrum analyzer. The Duty Cycle (x) of the single channel operation of the radio as controlled by the provided test software was measured for each of the EUT operating modes.

There is no compliance requirement to be met by this test, so therefore no Pass / Fail criteria.

The measurements were made using a zero span on the spectrum analyzer to see the pulses in the time domain. The transmit power was set to its default maximum.

The duty cycle was calculated by dividing the transmission pulse duration (T) by the total period of a single on and total off time.

If the transmit duty cycle < 98 percent, burst gating may have been used during some of the other tests in this report to only take the measurement during the burst duration.

DUTY CYCLE

element

TbtTx 2018.09.13 XMit 2019.06.11

EUT:	**MWMII**			**Work Order:**	**MASI0553**
Serial Number:	**1847700024**			**Date:**	**16-Jul-19**
Customer:	**Masimo Corporation**			**Temperature:**	**24..5 °C**
Attendees:	**Anami Joshi & Nghi Nguyen**			**Humidity:**	**47.2% RH**
Project:	**None**			**Barometric Pres.:**	**1015 mbar**
Tested by:	**Nolan De Ramos, Luis Flores, and Mark Baytan**	**Power:**	**3.6VDC**	**Job Site:**	**OC13**

TEST SPECIFICATIONS	**Test Method**
FCC 15.407:2019	ANSI C63.10:2013

COMMENTS

Reference level offset: DC block + 20dB attenuator + coax cable + client provided patch cable = 26.3dB Total Offset (5.2 GHz - 5.35 GHz)
Reference level offset: DC block + 20dB attenuator + coax cable + client provided patch cable = 26dB Total Offset (5.35 GHz - 5.8 GHz)

DEVIATIONS FROM TEST STANDARD

None

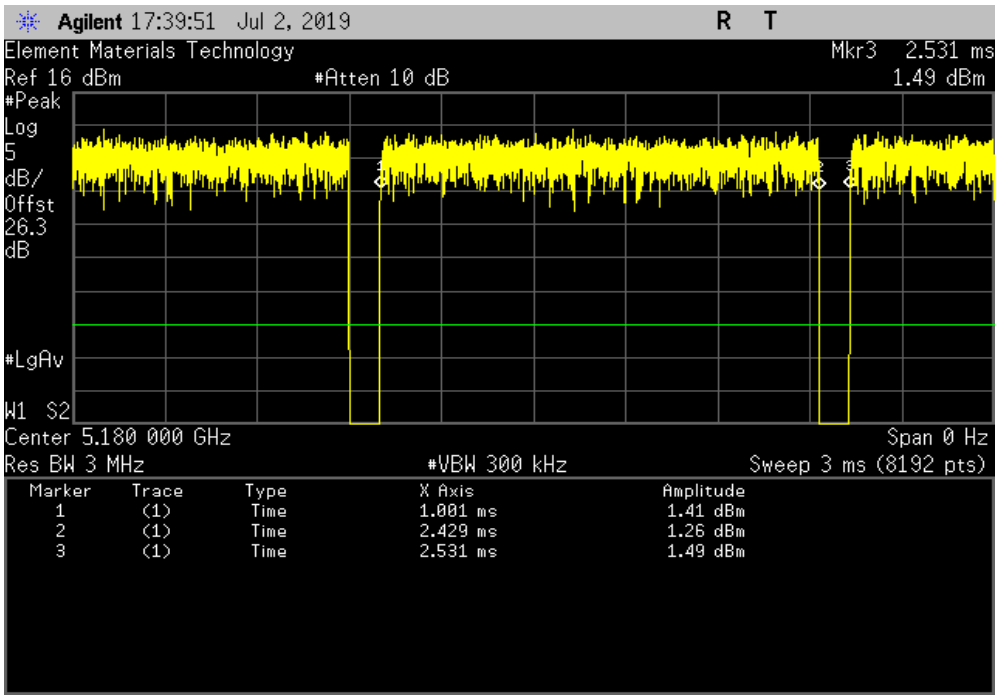
Configuration #	**8**	*Signature* 

	Pulse Width	Period	Number of Pulses	Value (%)	Limit (%)	Results
20 MHz						
802.11(a) 6 Mbps						
Ch 36, Low Channel 5180 MHz	1.428 ms	1.53 ms	1	93.4	N/A	N/A
Ch 36, Low Channel 5180 MHz	N/A	N/A	5	N/A	N/A	N/A
Ch 40, Mid Channel 5200 MHz	1.428 ms	1.53 ms	1	93.4	N/A	N/A
Ch 40, Mid Channel 5200 MHz	N/A	N/A	5	N/A	N/A	N/A
Ch 48, High Channel 5240 MHz	1.428 ms	1.53 ms	1	93.3	N/A	N/A
Ch 48, High Channel 5240 MHz	N/A	N/A	5	N/A	N/A	N/A
Ch 52, Low Channel 5260 MHz	1.428 ms	1.53 ms	1	93.4	N/A	N/A
Ch 52, Low Channel 5260 MHz	N/A	N/A	5	N/A	N/A	N/A
Ch 60, Mid Channel 5300 MHz	1.428 ms	1.53 ms	1	93.4	N/A	N/A
Ch 60, Mid Channel 5300 MHz	N/A	N/A	5	N/A	N/A	N/A
Ch 64, High Channel 5320 MHz	1.428 ms	1.53 ms	1	93.4	N/A	N/A
Ch 64, High Channel 5320 MHz	N/A	N/A	5	N/A	N/A	N/A
Ch 100, Low Channel 5500 MHz	1.428 ms	1.53 ms	1	93.4	N/A	N/A
Ch 100, Low Channel 5500 MHz	N/A	N/A	5	N/A	N/A	N/A
Ch 116, Mid Channel 5580 MHz	1.428 ms	1.53 ms	1	93.4	N/A	N/A
Ch 116, Mid Channel 5580 MHz	N/A	N/A	5	N/A	N/A	N/A
Ch 140, High Channel 5700 MHz	1.428 ms	1.53 ms	1	93.4	N/A	N/A
Ch 140, High Channel 5700 MHz	N/A	N/A	5	N/A	N/A	N/A
Ch 149, Low Channel 5745 MHz	1.428 ms	1.53 ms	1	93.4	N/A	N/A
Ch 149, Low Channel 5745 MHz	N/A	N/A	5	N/A	N/A	N/A
Ch 157, Mid Channel 5785 MHz	1.428 ms	1.53 ms	1	93.4	N/A	N/A
Ch 157, Mid Channel 5785 MHz	N/A	N/A	5	N/A	N/A	N/A
Ch 165, High Channel 5825 MHz	1.428 ms	1.53 ms	1	93.4	N/A	N/A
Ch 165, High Channel 5825 MHz	N/A	N/A	5	N/A	N/A	N/A
802.11(a) 36 Mbps						
Ch 36, Low Channel 5180 MHz	256.1 us	357.6 us	1	71.6	N/A	N/A
Ch 36, Low Channel 5180 MHz	N/A	N/A	5	N/A	N/A	N/A
Ch 40, Mid Channel 5200 MHz	256.1 us	357.6 us	1	71.6	N/A	N/A
Ch 40, Mid Channel 5200 MHz	N/A	N/A	5	N/A	N/A	N/A
Ch 48, High Channel 5240 MHz	256.1 us	357.6 us	1	71.6	N/A	N/A
Ch 48, High Channel 5240 MHz	N/A	N/A	5	N/A	N/A	N/A
Ch 52, Low Channel 5260 MHz	256.2 us	357.6 us	1	71.6	N/A	N/A
Ch 52, Low Channel 5260 MHz	N/A	N/A	5	N/A	N/A	N/A
Ch 60, Mid Channel 5300 MHz	256.2 us	357.6 us	1	71.6	N/A	N/A
Ch 60, Mid Channel 5300 MHz	N/A	N/A	5	N/A	N/A	N/A
Ch 64, High Channel 5320 MHz	256 us	357.5 us	1	71.6	N/A	N/A
Ch 64, High Channel 5320 MHz	N/A	N/A	5	N/A	N/A	N/A
Ch 100, Low Channel 5500 MHz	256 us	357.4 us	1	71.6	N/A	N/A
Ch 100, Low Channel 5500 MHz	N/A	N/A	5	N/A	N/A	N/A
Ch 116, Mid Channel 5580 MHz	256.1 us	357.5 us	1	71.6	N/A	N/A
Ch 116, Mid Channel 5580 MHz	N/A	N/A	5	N/A	N/A	N/A
Ch 140, High Channel 5700 MHz	256.2 us	357.5 us	1	71.7	N/A	N/A
Ch 140, High Channel 5700 MHz	N/A	N/A	5	N/A	N/A	N/A
Ch 149, Low Channel 5745 MHz	256.3 us	357.7 us	1	71.7	N/A	N/A
Ch 149, Low Channel 5745 MHz	N/A	N/A	5	N/A	N/A	N/A
Ch 157, Mid Channel 5785 MHz	256.2 us	357.5 us	1	71.7	N/A	N/A
Ch 157, Mid Channel 5785 MHz	N/A	N/A	5	N/A	N/A	N/A
Ch 165, High Channel 5825 MHz	256.2 us	357.5 us	1	71.7	N/A	N/A
Ch 165, High Channel 5825 MHz	N/A	N/A	5	N/A	N/A	N/A
802.11(a) 54 Mbps						
Ch 36, Low Channel 5180 MHz	179.9 us	281.6 us	1	63.9	N/A	N/A
Ch 36, Low Channel 5180 MHz	N/A	N/A	5	N/A	N/A	N/A
Ch 40, Mid Channel 5200 MHz	180 us	281.7 us	1	63.9	N/A	N/A
Ch 40, Mid Channel 5200 MHz	N/A	N/A	5	N/A	N/A	N/A
Ch 48, High Channel 5240 MHz	180.1 us	281.7 us	1	63.9	N/A	N/A
Ch 48, High Channel 5240 MHz	N/A	N/A	5	N/A	N/A	N/A
Ch 52, Low Channel 5260 MHz	180.1 us	281.7 us	1	63.9	N/A	N/A
Ch 52, Low Channel 5260 MHz	N/A	N/A	5	N/A	N/A	N/A
Ch 60, Mid Channel 5300 MHz	180.1 us	281.8 us	1	63.9	N/A	N/A
Ch 60, Mid Channel 5300 MHz	N/A	N/A	5	N/A	N/A	N/A
Ch 64, High Channel 5320 MHz	180.1 us	281.7 us	1	63.9	N/A	N/A
Ch 64, High Channel 5320 MHz	N/A	N/A	5	N/A	N/A	N/A
Ch 100, Low Channel 5500 MHz	180.1 us	281.7 us	1	63.9	N/A	N/A
Ch 100, Low Channel 5500 MHz	N/A	N/A	5	N/A	N/A	N/A
Ch 116, Mid Channel 5580 MHz	179.3 us	281.8 us	1	63.6	N/A	N/A
Ch 116, Mid Channel 5580 MHz	N/A	N/A	5	N/A	N/A	N/A
Ch 140, High Channel 5700 MHz	180.2 us	281.7 us	1	64	N/A	N/A
Ch 140, High Channel 5700 MHz	N/A	N/A	5	N/A	N/A	N/A
Ch 149, Low Channel 5745 MHz	180.2 us	281.6 us	1	64	N/A	N/A
Ch 149, Low Channel 5745 MHz	N/A	N/A	5	N/A	N/A	N/A
Ch 157, Mid Channel 5785 MHz	180.2 us	281.6 us	1	64	N/A	N/A
Ch 157, Mid Channel 5785 MHz	N/A	N/A	5	N/A	N/A	N/A
Ch 165, High Channel 5825 MHz	179.3 us	281.6 us	1	63.7	N/A	N/A
Ch 165, High Channel 5825 MHz	N/A	N/A	5	N/A	N/A	N/A
802.11(n) MCS0						

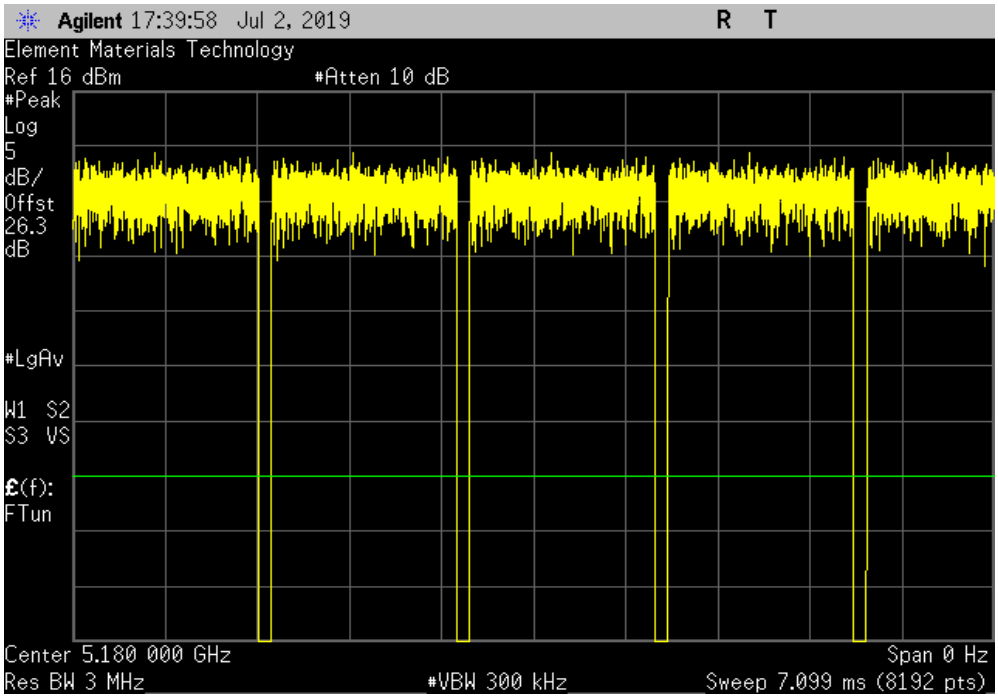
	Ch 36, Low Channel 5180 MHz	1.336 ms	1.437 ms	1	93	N/A	N/A
	Ch 36, Low Channel 5180 MHz	N/A	N/A	5	N/A	N/A	N/A
	Ch 40, Mid Channel 5200 MHz	1.336 ms	1.437 ms	1	93	N/A	N/A
	Ch 40, Mid Channel 5200 MHz	N/A	N/A	5	N/A	N/A	N/A
	Ch 48, High Channel 5240 MHz	1.336 ms	1.437 ms	1	93	N/A	N/A
	Ch 48, High Channel 5240 MHz	N/A	N/A	5	N/A	N/A	N/A
	Ch 52, Low Channel 5260 MHz	1.336 ms	1.438 ms	1	92.9	N/A	N/A
	Ch 52, Low Channel 5260 MHz	N/A	N/A	5	N/A	N/A	N/A
	Ch 60, Mid Channel 5300 MHz	1.336 ms	1.438 ms	1	93	N/A	N/A
	Ch 60, Mid Channel 5300 MHz	N/A	N/A	5	N/A	N/A	N/A
	Ch 64, High Channel 5320 MHz	1.336 ms	1.438 ms	1	93	N/A	N/A
	Ch 64, High Channel 5320 MHz	N/A	N/A	5	N/A	N/A	N/A
	Ch 100, Low Channel 5500 MHz	1.336 ms	1.437 ms	1	93	N/A	N/A
	Ch 100, Low Channel 5500 MHz	N/A	N/A	5	N/A	N/A	N/A
	Ch 116, Mid Channel 5580 MHz	1.336 ms	1.438 ms	1	93	N/A	N/A
	Ch 116, Mid Channel 5580 MHz	N/A	N/A	5	N/A	N/A	N/A
	Ch 140, High Channel 5700 MHz	1.336 ms	1.438 ms	1	93	N/A	N/A
	Ch 140, High Channel 5700 MHz	N/A	N/A	5	N/A	N/A	N/A
	Ch 149, Low Channel 5745 MHz	1.336 ms	1.438 ms	1	93	N/A	N/A
	Ch 149, Low Channel 5745 MHz	N/A	N/A	5	N/A	N/A	N/A
	Ch 157, Mid Channel 5785 MHz	1.336 ms	1.438 ms	1	92.9	N/A	N/A
	Ch 157, Mid Channel 5785 MHz	N/A	N/A	5	N/A	N/A	N/A
	Ch 165, High Channel 5825 MHz	1.336 ms	1.438 ms	1	93	N/A	N/A
	Ch 165, High Channel 5825 MHz	N/A	N/A	5	N/A	N/A	N/A
	802.11(n) MCS7						
	Ch 36, Low Channel 5180 MHz	168.1 us	269.7 us	1	62.3	N/A	N/A
	Ch 36, Low Channel 5180 MHz	N/A	N/A	5	N/A	N/A	N/A
	Ch 40, Mid Channel 5200 MHz	176.4 us	269.7 us	1	65.4	N/A	N/A
	Ch 40, Mid Channel 5200 MHz	N/A	N/A	5	N/A	N/A	N/A
	Ch 48, High Channel 5240 MHz	168.1 us	269.5 us	1	62.4	N/A	N/A
	Ch 48, High Channel 5240 MHz	N/A	N/A	5	N/A	N/A	N/A
	Ch 52, Low Channel 5260 MHz	168 us	269.7 us	1	62.3	N/A	N/A
	Ch 52, Low Channel 5260 MHz	N/A	N/A	5	N/A	N/A	N/A
	Ch 60, Mid Channel 5300 MHz	168.2 us	269.8 us	1	62.3	N/A	N/A
	Ch 60, Mid Channel 5300 MHz	N/A	N/A	5	N/A	N/A	N/A
	Ch 64, High Channel 5320 MHz	168.4 us	269.8 us	1	62.4	N/A	N/A
	Ch 64, High Channel 5320 MHz	N/A	N/A	5	N/A	N/A	N/A
	Ch 100, Low Channel 5500 MHz	168.1 us	269.8 us	1	62.3	N/A	N/A
	Ch 100, Low Channel 5500 MHz	N/A	N/A	5	N/A	N/A	N/A
	Ch 116, Mid Channel 5580 MHz	168.1 us	269.6 us	1	62.4	N/A	N/A
	Ch 116, Mid Channel 5580 MHz	N/A	N/A	5	N/A	N/A	N/A
	Ch 140, High Channel 5700 MHz	168.4 us	269.8 us	1	62.4	N/A	N/A
	Ch 140, High Channel 5700 MHz	N/A	N/A	5	N/A	N/A	N/A
	Ch 149, Low Channel 5745 MHz	168.2 us	269.6 us	1	62.4	N/A	N/A
	Ch 149, Low Channel 5745 MHz	N/A	N/A	5	N/A	N/A	N/A
	Ch 157, Mid Channel 5785 MHz	168.3 us	269.6 us	1	62.4	N/A	N/A
	Ch 157, Mid Channel 5785 MHz	N/A	N/A	5	N/A	N/A	N/A
	Ch 165, High Channel 5825 MHz	168.3 us	269.7 us	1	62.4	N/A	N/A
	Ch 165, High Channel 5825 MHz	N/A	N/A	5	N/A	N/A	N/A
40 MHz							
	802.11(n) MCS0						
	Ch 36/40, Low Channel 5190 MHz	665.556 us	765.5 us	1	86.9	N/A	N/A
	Ch 36/40, Low Channel 5190 MHz	N/A	N/A	5	N/A	N/A	N/A
	Ch 44/48, High Channel 5230 MHz	665.556 us	765.5 us	1	86.9	N/A	N/A
	Ch 44/48, High Channel 5230 MHz	N/A	N/A	5	N/A	N/A	N/A
	Ch 52/56, Low Channel 5270 MHz	665.556 us	765.5 us	1	86.9	N/A	N/A
	Ch 52/56, Low Channel 5270 MHz	N/A	N/A	5	N/A	N/A	N/A
	Ch 60/64, High Channel 5310 MHz	665.556 us	765.5 us	1	86.9	N/A	N/A
	Ch 60/64, High Channel 5310 MHz	N/A	N/A	5	N/A	N/A	N/A
	Ch 100/104, Low Channel 5510 MHz	665.556 us	765.5 us	1	86.9	N/A	N/A
	Ch 100/104, Low Channel 5510 MHz	N/A	N/A	5	N/A	N/A	N/A
	Ch 108/112, Mid Channel 5550 MHz	665.612 us	765.5 us	1	87	N/A	N/A
	Ch 108/112, Mid Channel 5550 MHz	N/A	N/A	5	N/A	N/A	N/A
	Ch 132/136, High Channel 5670 MHz	665.612 us	765.2 us	1	87	N/A	N/A
	Ch 132/136, High Channel 5670 MHz	N/A	N/A	5	N/A	N/A	N/A
	Ch 149/153, Low Channel 5755 MHz	666.4 us	765.5 us	1	87.1	N/A	N/A
	Ch 149/153, Low Channel 5755 MHz	N/A	N/A	5	N/A	N/A	N/A
	Ch 157/161, High Channel 5795 MHz	666.4 us	765.5 us	1	87.1	N/A	N/A
	Ch 157/161, High Channel 5795 MHz	N/A	N/A	5	N/A	N/A	N/A
	802.11(n) MCS7						
	Ch 36/40, Low Channel 5190 MHz	101.7 us	201.6 us	1	50.4	N/A	N/A
	Ch 36/40, Low Channel 5190 MHz	N/A	N/A	5	N/A	N/A	N/A
	Ch 44/48, High Channel 5230 MHz	101.6 us	201.7 us	1	50.4	N/A	N/A
	Ch 44/48, High Channel 5230 MHz	N/A	N/A	5	N/A	N/A	N/A
	Ch 52/56, Low Channel 5270 MHz	101.7 us	201.4 us	1	50.5	N/A	N/A
	Ch 52/56, Low Channel 5270 MHz	N/A	N/A	5	N/A	N/A	N/A
	Ch 60/64, High Channel 5310 MHz	101.8 us	201.4 us	1	50.5	N/A	N/A
	Ch 60/64, High Channel 5310 MHz	N/A	N/A	5	N/A	N/A	N/A
	Ch 100/104, Low Channel 5510 MHz	102 us	201.4 us	1	50.6	N/A	N/A
	Ch 100/104, Low Channel 5510 MHz	N/A	N/A	5	N/A	N/A	N/A
	Ch 108/112, Mid Channel 5550 MHz	102 us	201.6 us	1	50.6	N/A	N/A
	Ch 108/112, Mid Channel 5550 MHz	N/A	N/A	5	N/A	N/A	N/A
	Ch 132/136, High Channel 5670 MHz	102.2 us	201.6 us	1	50.7	N/A	N/A
	Ch 132/136, High Channel 5670 MHz	N/A	N/A	5	N/A	N/A	N/A
	Ch 149/153, Low Channel 5755 MHz	102.2 us	201.7 us	1	50.7	N/A	N/A
	Ch 149/153, Low Channel 5755 MHz	N/A	N/A	5	N/A	N/A	N/A
	Ch 157/161, High Channel 5795 MHz	102.3 us	201.8 us	1	50.7	N/A	N/A
	Ch 157/161, High Channel 5795 MHz	N/A	N/A	5	N/A	N/A	N/A

DUTY CYCLE

20 MHz, 802.11(a) 6 Mbps, Ch 36, Low Channel 5180 MHz						
	Pulse Width	Period	Number of Pulses	Value (%)	Limit (%)	Results
	1.428 ms	1.53 ms	1	93.4	N/A	N/A

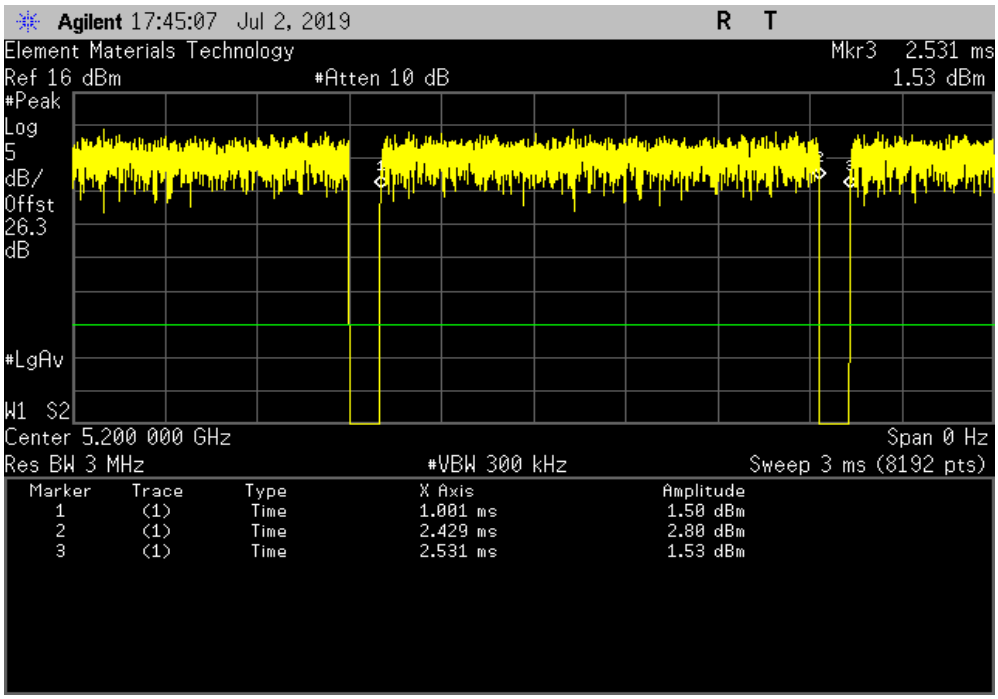


20 MHz, 802.11(a) 6 Mbps, Ch 36, Low Channel 5180 MHz						
	Pulse Width	Period	Number of Pulses	Value (%)	Limit (%)	Results
	N/A	N/A	5	N/A	N/A	N/A

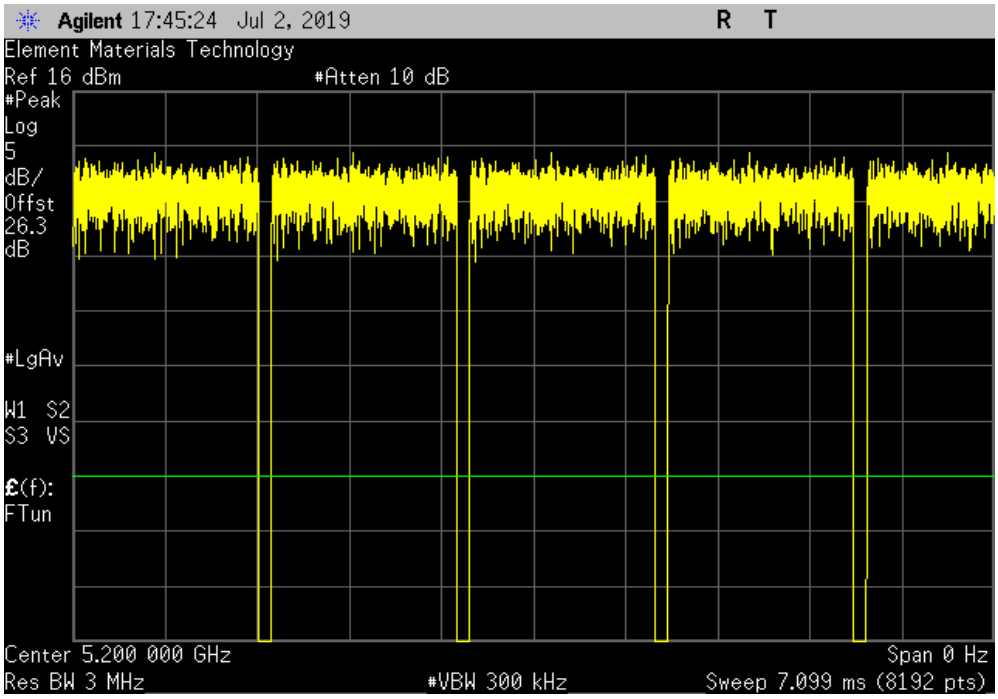


DUTY CYCLE

20 MHz, 802.11(a) 6 Mbps, Ch 40, Mid Channel 5200 MHz						
	Pulse Width	Period	Number of Pulses	Value (%)	Limit (%)	Results
	1.428 ms	1.53 ms	1	93.4	N/A	N/A

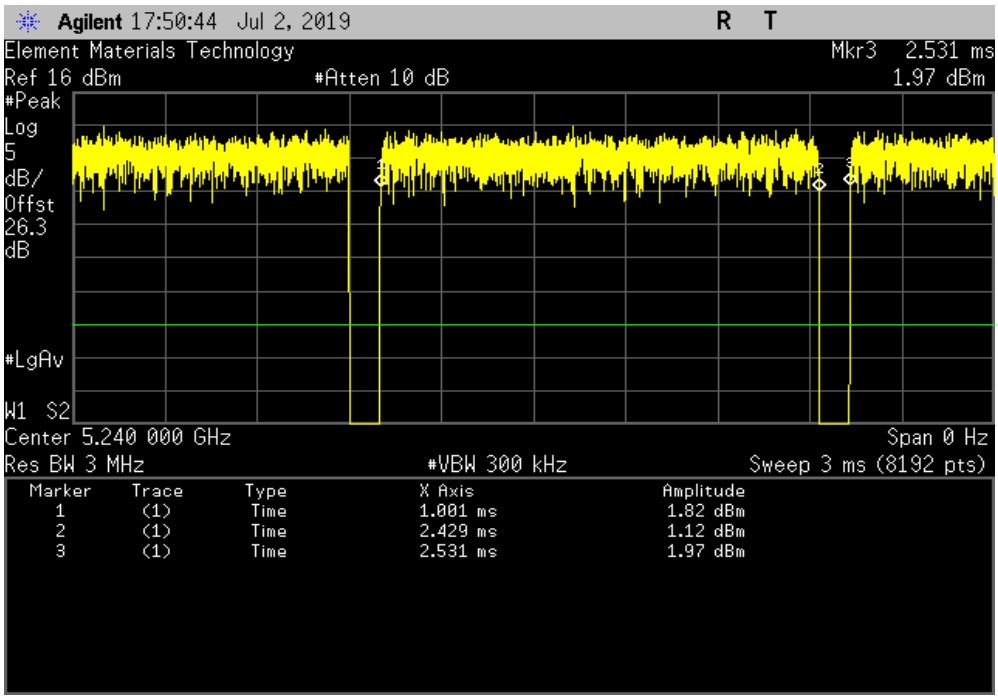


20 MHz, 802.11(a) 6 Mbps, Ch 40, Mid Channel 5200 MHz						
	Pulse Width	Period	Number of Pulses	Value (%)	Limit (%)	Results
	N/A	N/A	5	N/A	N/A	N/A

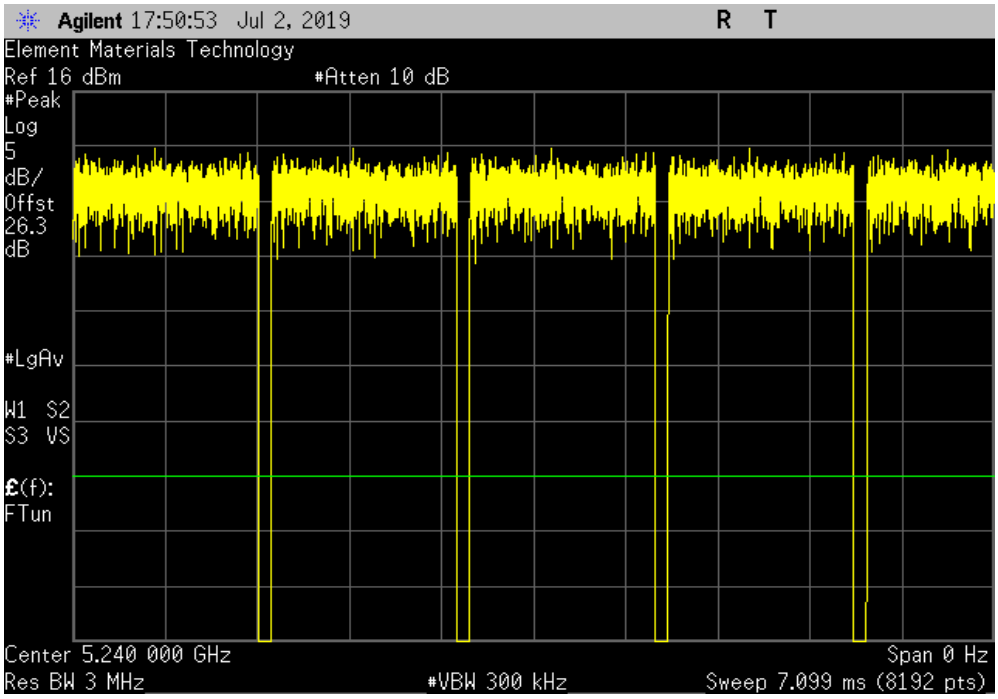


DUTY CYCLE

20 MHz, 802.11(a) 6 Mbps, Ch 48, High Channel 5240 MHz						
	Pulse Width	Period	Number of Pulses	Value (%)	Limit (%)	Results
	1.428 ms	1.53 ms	1	93.3	N/A	N/A

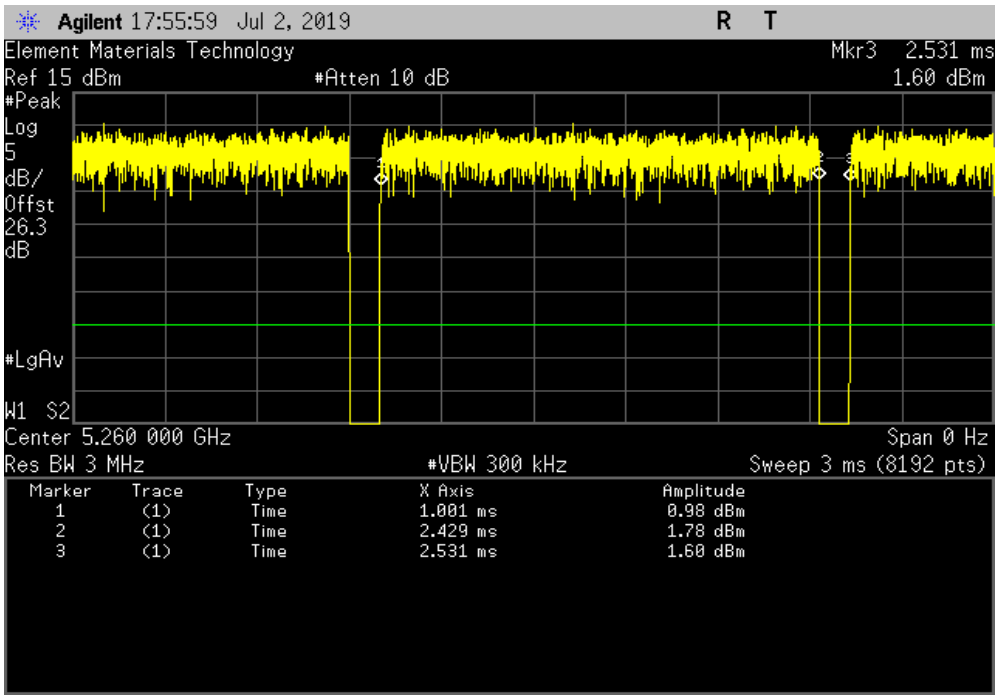


20 MHz, 802.11(a) 6 Mbps, Ch 48, High Channel 5240 MHz						
	Pulse Width	Period	Number of Pulses	Value (%)	Limit (%)	Results
	N/A	N/A	5	N/A	N/A	N/A

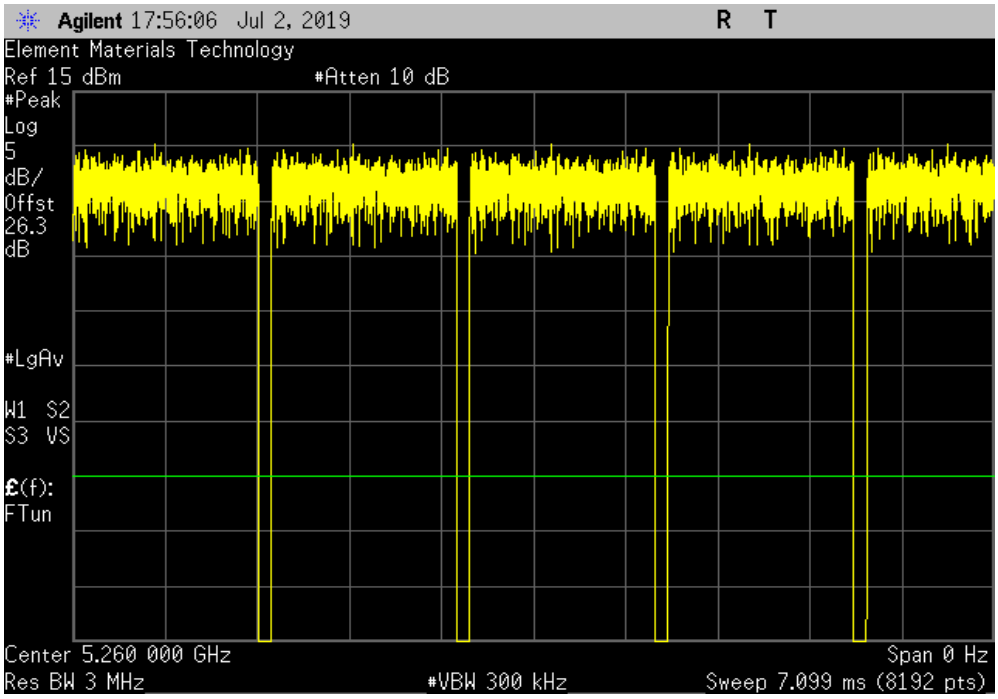


DUTY CYCLE

20 MHz, 802.11(a) 6 Mbps, Ch 52, Low Channel 5260 MHz						
	Pulse Width	Period	Number of Pulses	Value (%)	Limit (%)	Results
	1.428 ms	1.53 ms	1	93.4	N/A	N/A



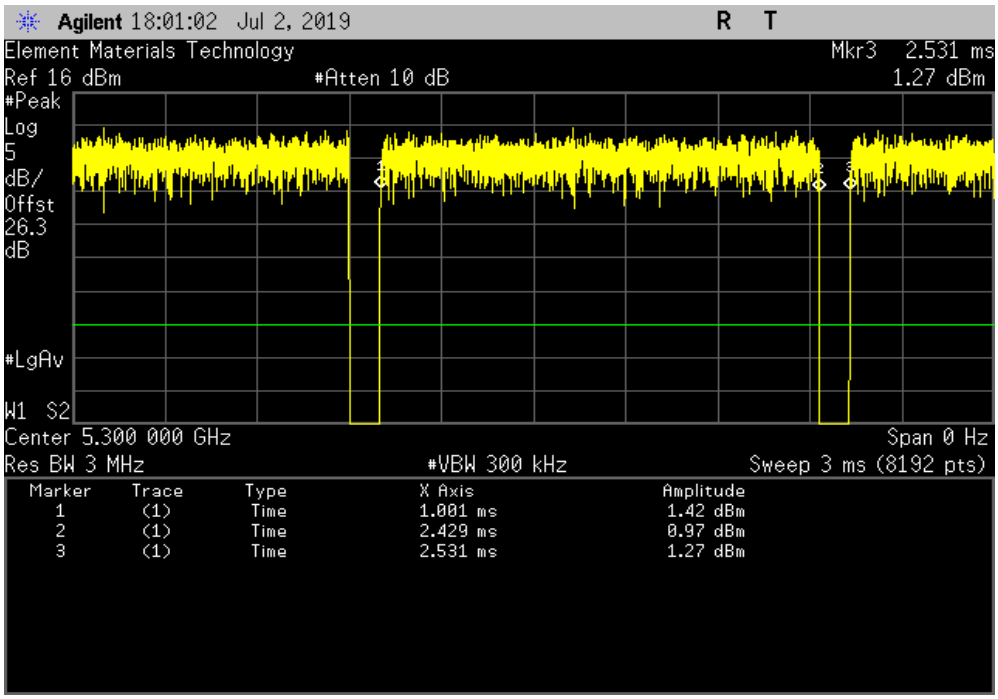
20 MHz, 802.11(a) 6 Mbps, Ch 52, Low Channel 5260 MHz						
	Pulse Width	Period	Number of Pulses	Value (%)	Limit (%)	Results
	N/A	N/A	5	N/A	N/A	N/A



DUTY CYCLE

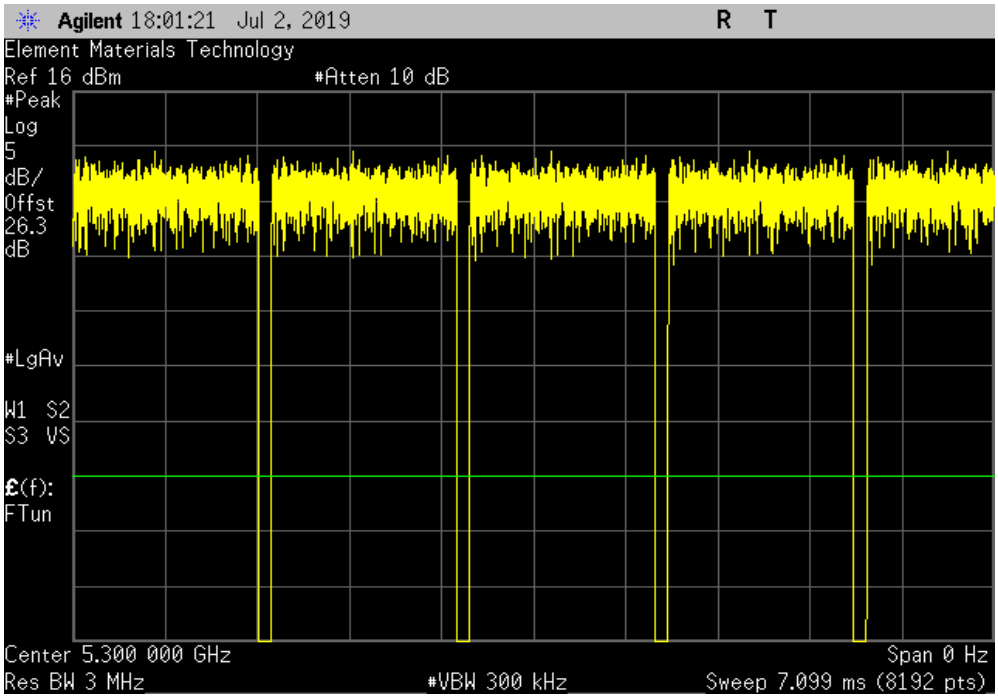
20 MHz, 802.11(a) 6 Mbps, Ch 60, Mid Channel 5300 MHz

	Pulse Width	Period	Number of Pulses	Value (%)	Limit (%)	Results
	1.428 ms	1.53 ms	1	93.4	N/A	N/A



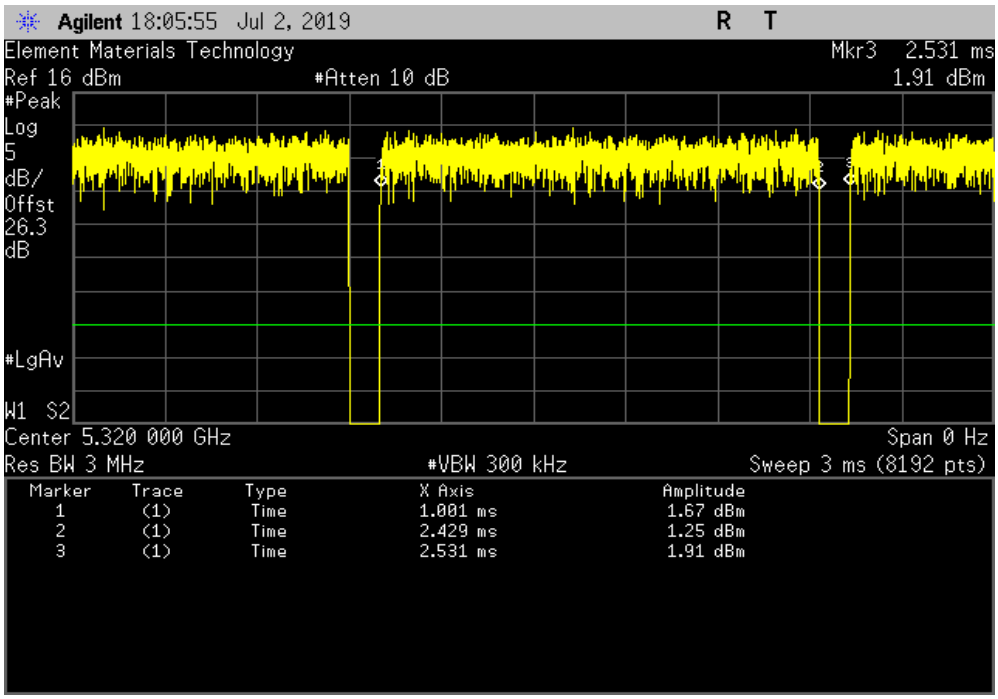
20 MHz, 802.11(a) 6 Mbps, Ch 60, Mid Channel 5300 MHz

	Pulse Width	Period	Number of Pulses	Value (%)	Limit (%)	Results
	N/A	N/A	5	N/A	N/A	N/A

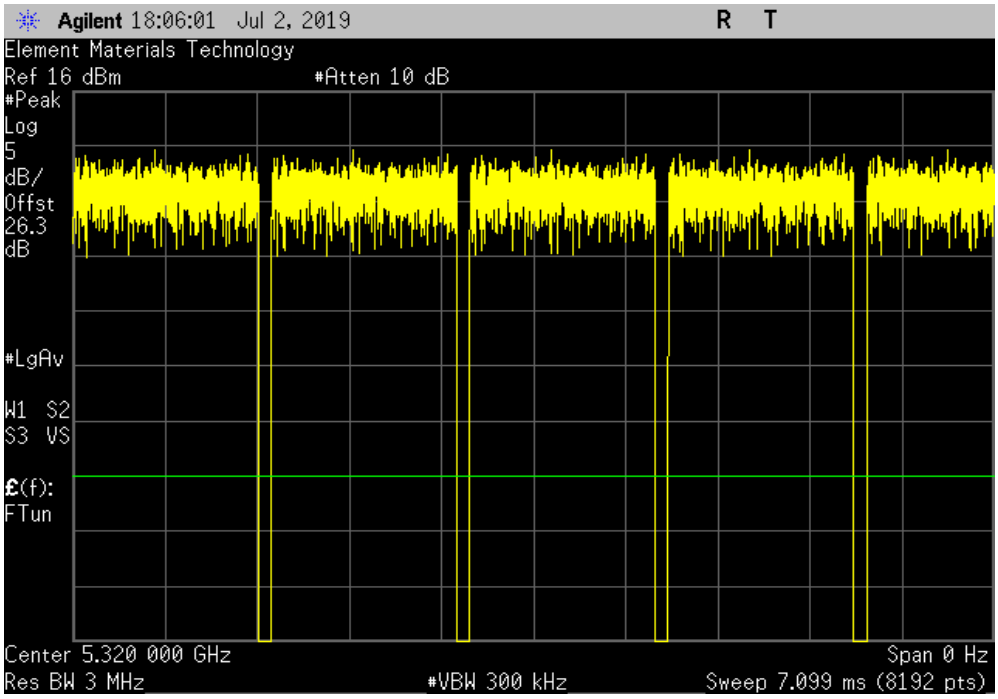


DUTY CYCLE

20 MHz, 802.11(a) 6 Mbps, Ch 64, High Channel 5320 MHz						
	Pulse Width	Period	Number of Pulses	Value (%)	Limit (%)	Results
	1.428 ms	1.53 ms	1	93.4	N/A	N/A

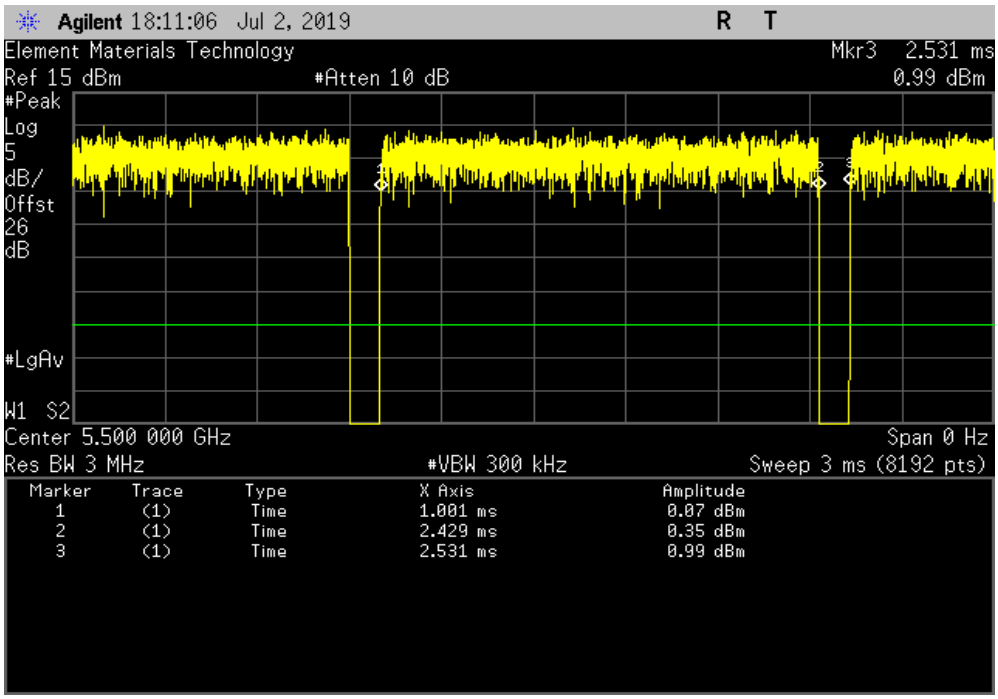


20 MHz, 802.11(a) 6 Mbps, Ch 64, High Channel 5320 MHz						
	Pulse Width	Period	Number of Pulses	Value (%)	Limit (%)	Results
	N/A	N/A	5	N/A	N/A	N/A

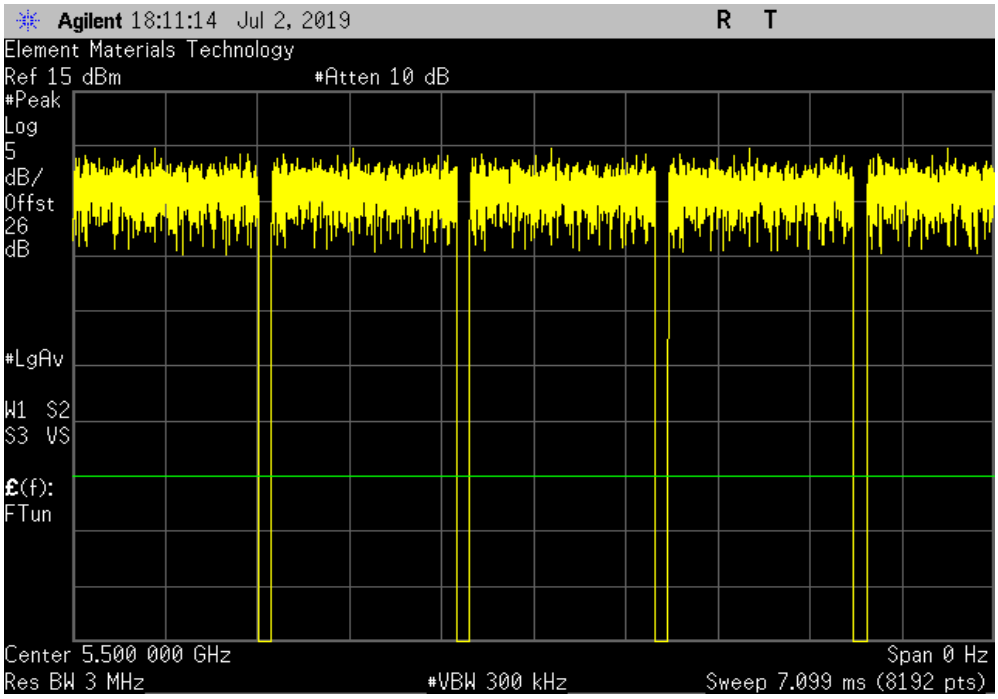


DUTY CYCLE

20 MHz, 802.11(a) 6 Mbps, Ch 100, Low Channel 5500 MHz						
	Pulse Width	Period	Number of Pulses	Value (%)	Limit (%)	Results
	1.428 ms	1.53 ms	1	93.4	N/A	N/A

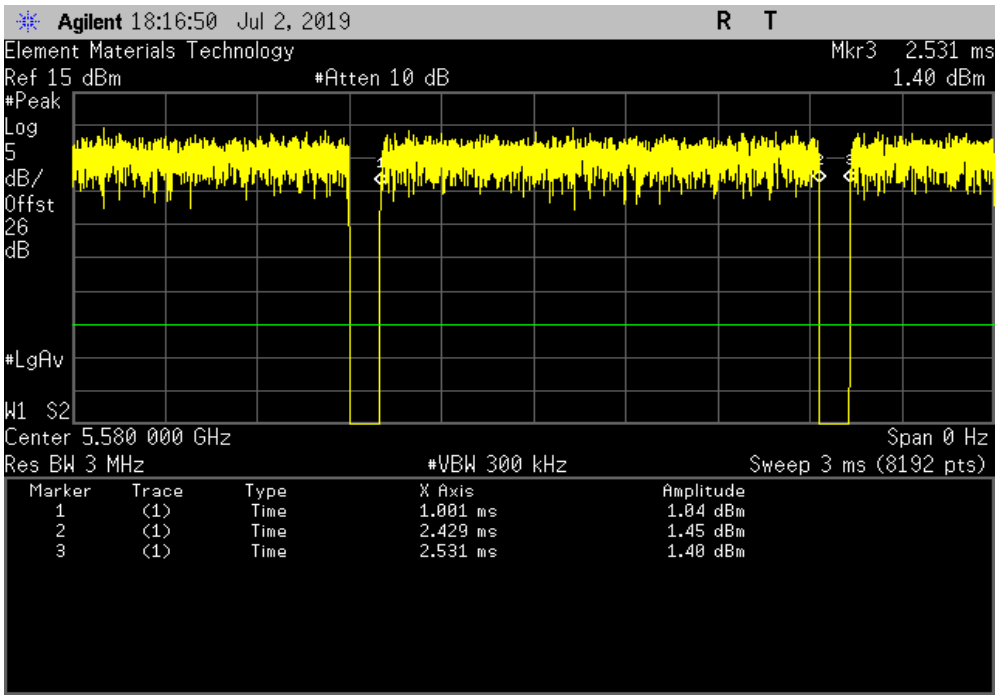


20 MHz, 802.11(a) 6 Mbps, Ch 100, Low Channel 5500 MHz						
	Pulse Width	Period	Number of Pulses	Value (%)	Limit (%)	Results
	N/A	N/A	5	N/A	N/A	N/A

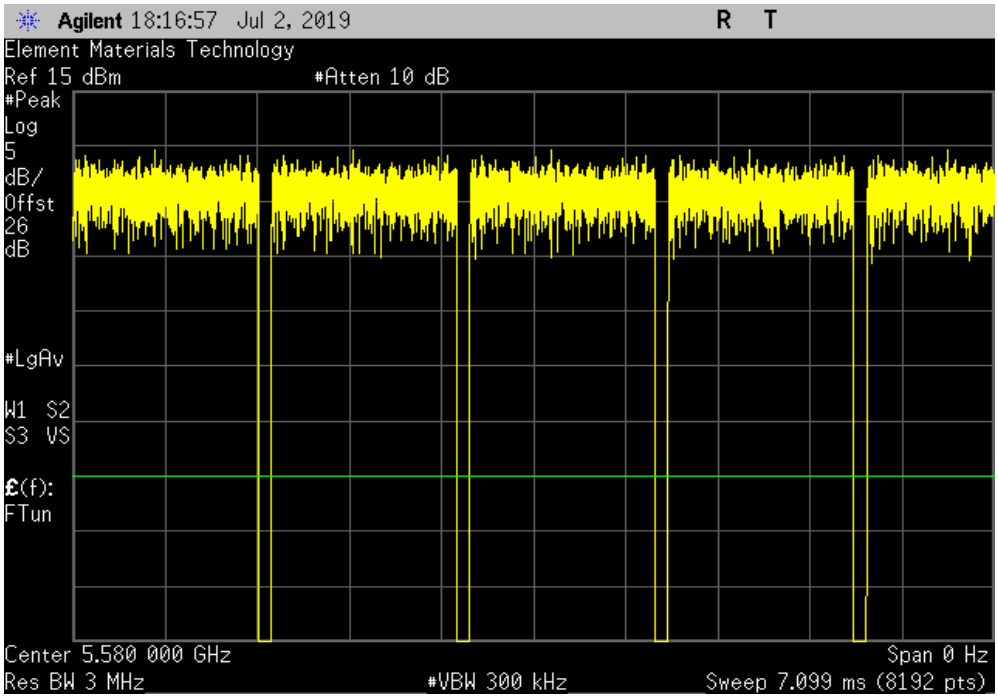


DUTY CYCLE

20 MHz, 802.11(a) 6 Mbps, Ch 116, Mid Channel 5580 MHz						
	Pulse Width	Period	Number of Pulses	Value (%)	Limit (%)	Results
	1.428 ms	1.53 ms	1	93.4	N/A	N/A

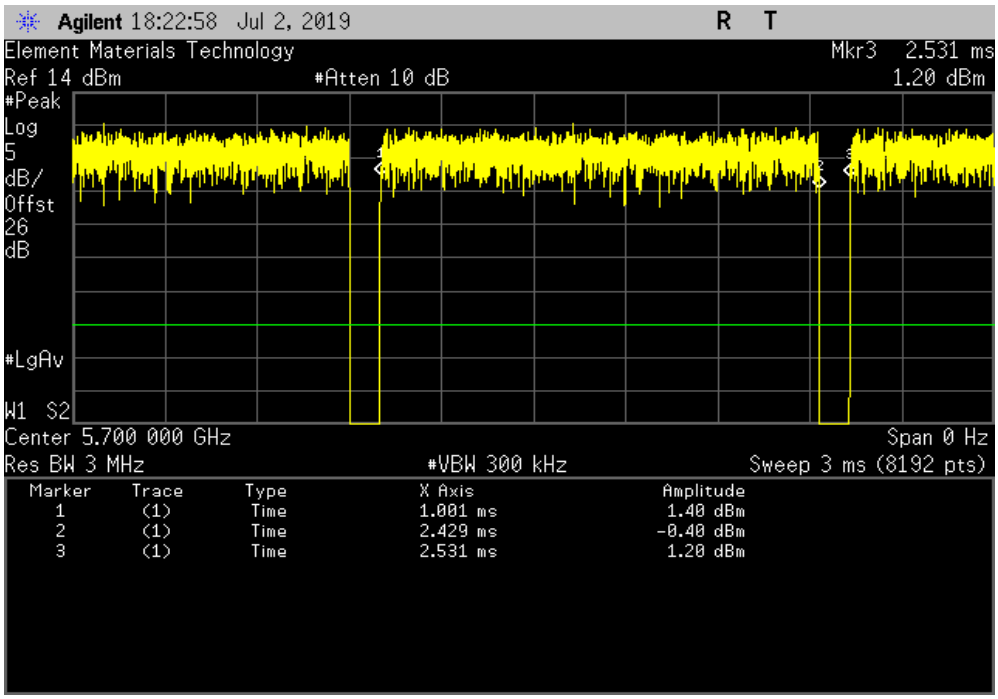


20 MHz, 802.11(a) 6 Mbps, Ch 116, Mid Channel 5580 MHz						
	Pulse Width	Period	Number of Pulses	Value (%)	Limit (%)	Results
	N/A	N/A	5	N/A	N/A	N/A

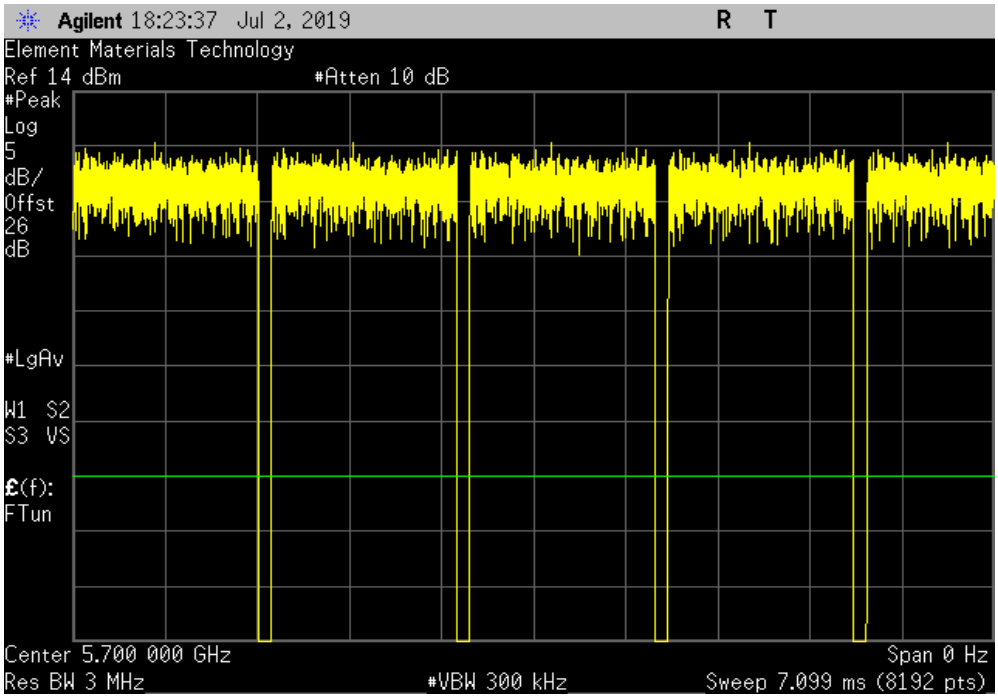


DUTY CYCLE

20 MHz, 802.11(a) 6 Mbps, Ch 140, High Channel 5700 MHz						
	Pulse Width	Period	Number of Pulses	Value (%)	Limit (%)	Results
	1.428 ms	1.53 ms	1	93.4	N/A	N/A

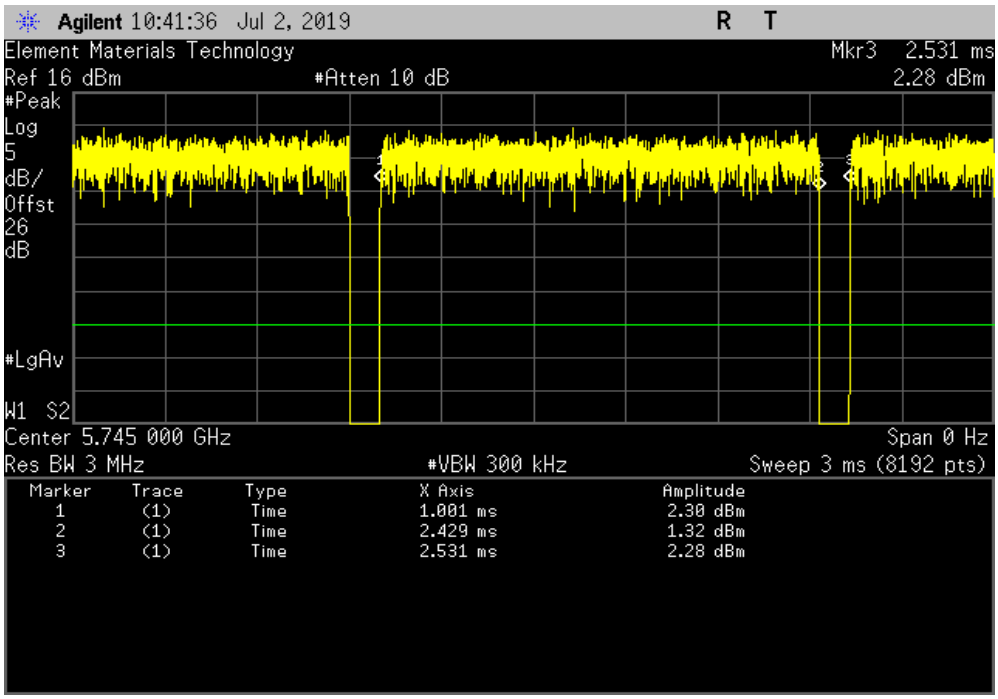


20 MHz, 802.11(a) 6 Mbps, Ch 140, High Channel 5700 MHz						
	Pulse Width	Period	Number of Pulses	Value (%)	Limit (%)	Results
	N/A	N/A	5	N/A	N/A	N/A

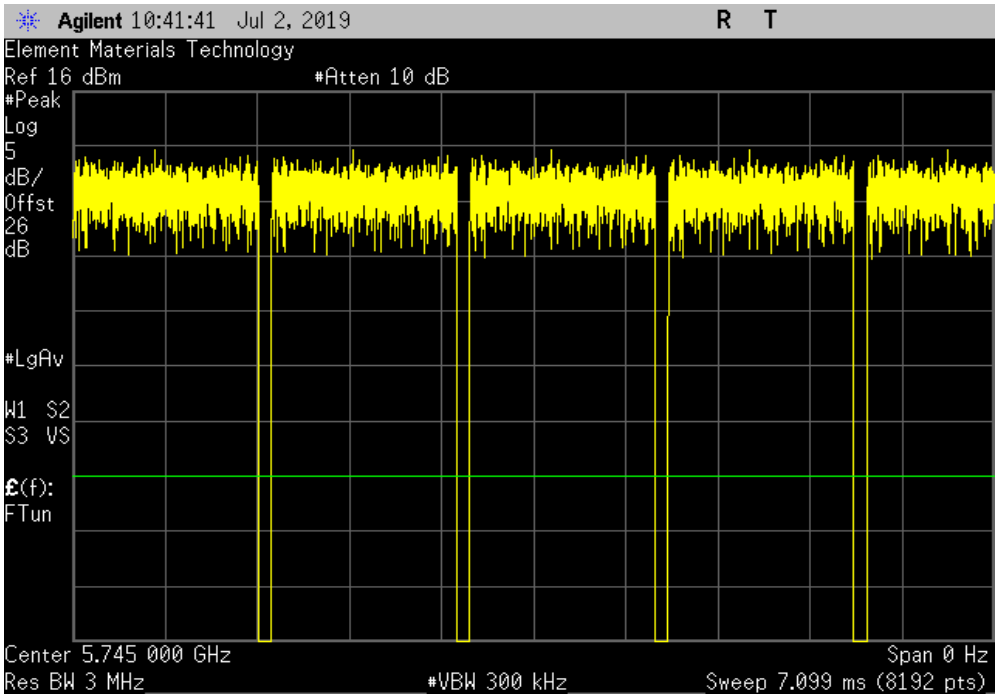


DUTY CYCLE

20 MHz, 802.11(a) 6 Mbps, Ch 149, Low Channel 5745 MHz						
	Pulse Width	Period	Number of Pulses	Value (%)	Limit (%)	Results
	1.428 ms	1.53 ms	1	93.4	N/A	N/A

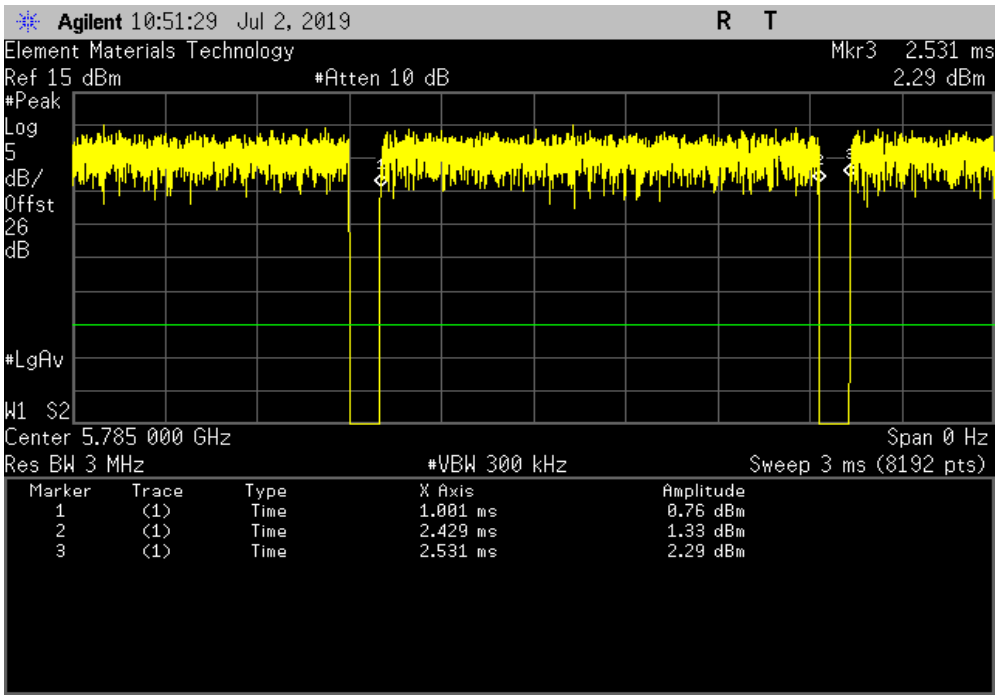


20 MHz, 802.11(a) 6 Mbps, Ch 149, Low Channel 5745 MHz						
	Pulse Width	Period	Number of Pulses	Value (%)	Limit (%)	Results
	N/A	N/A	5	N/A	N/A	N/A

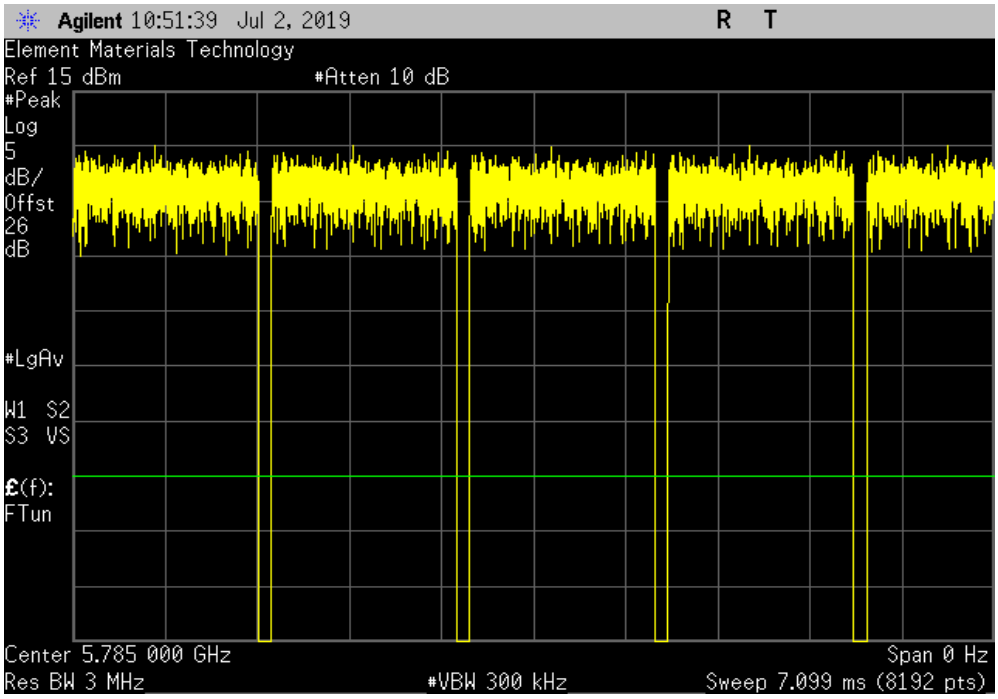


DUTY CYCLE

20 MHz, 802.11(a) 6 Mbps, Ch 157, Mid Channel 5785 MHz						
	Pulse Width	Period	Number of Pulses	Value (%)	Limit (%)	Results
	1.428 ms	1.53 ms	1	93.4	N/A	N/A

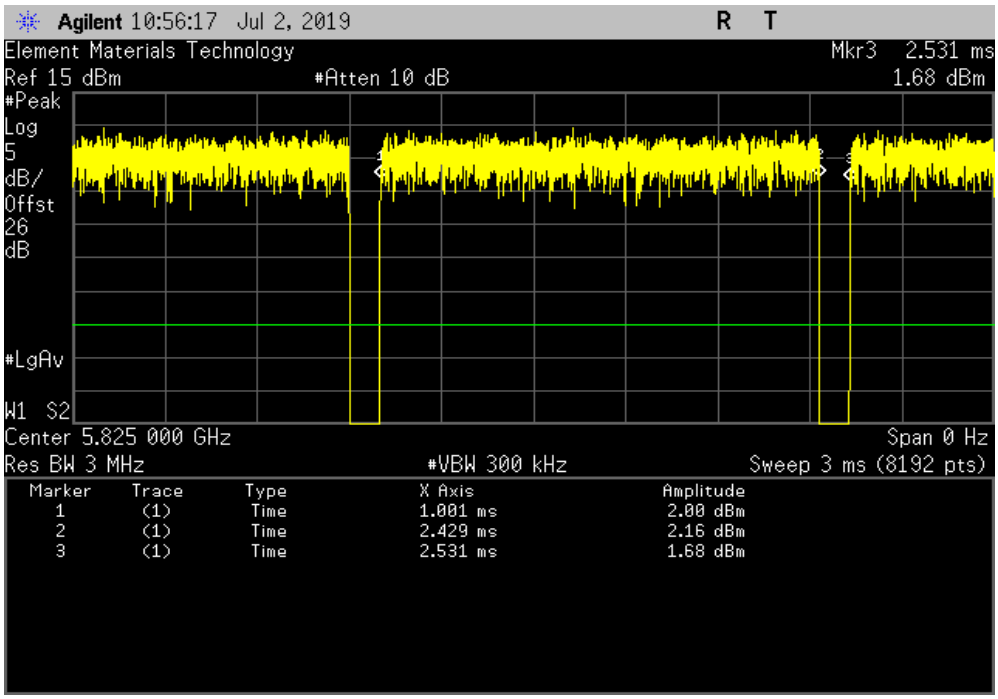


20 MHz, 802.11(a) 6 Mbps, Ch 157, Mid Channel 5785 MHz						
	Pulse Width	Period	Number of Pulses	Value (%)	Limit (%)	Results
	N/A	N/A	5	N/A	N/A	N/A

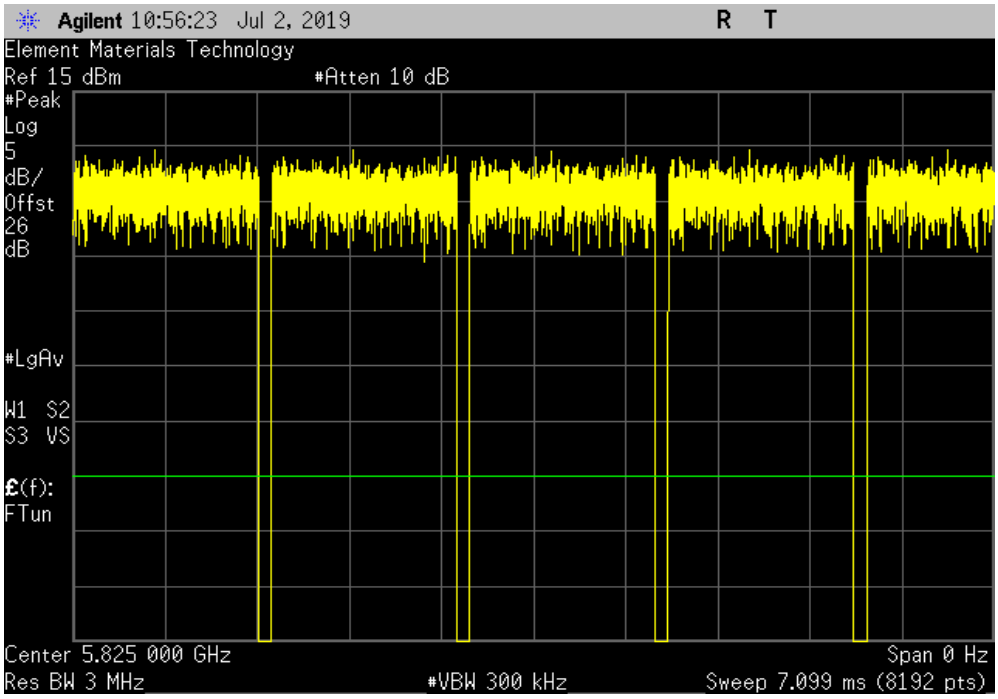


DUTY CYCLE

20 MHz, 802.11(a) 6 Mbps, Ch 165, High Channel 5825 MHz						
	Pulse Width	Period	Number of Pulses	Value (%)	Limit (%)	Results
	1.428 ms	1.53 ms	1	93.4	N/A	N/A

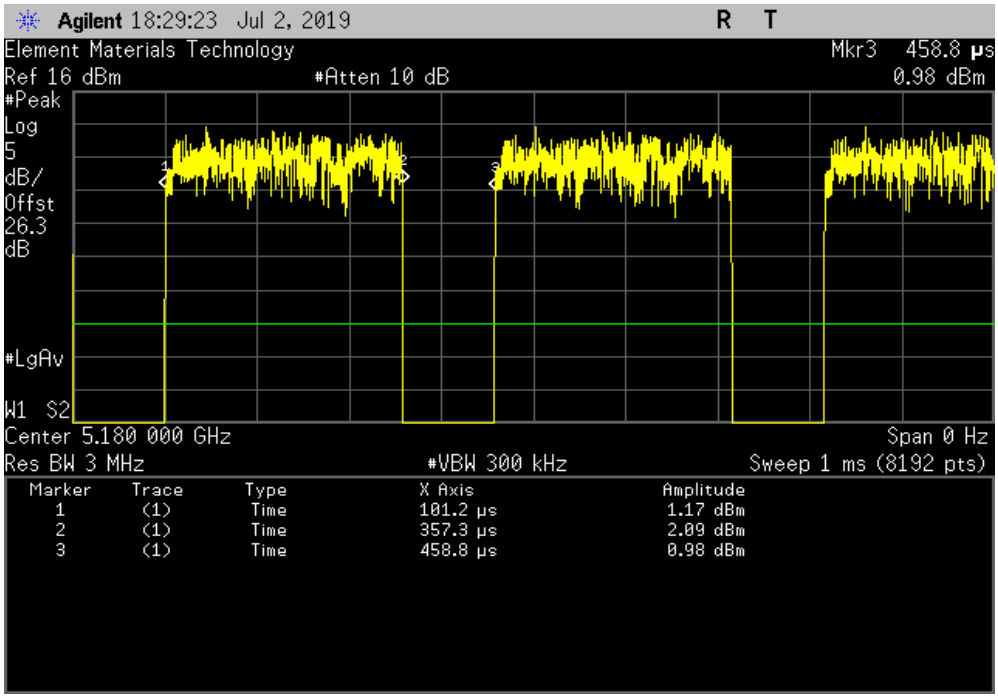


20 MHz, 802.11(a) 6 Mbps, Ch 165, High Channel 5825 MHz						
	Pulse Width	Period	Number of Pulses	Value (%)	Limit (%)	Results
	N/A	N/A	5	N/A	N/A	N/A

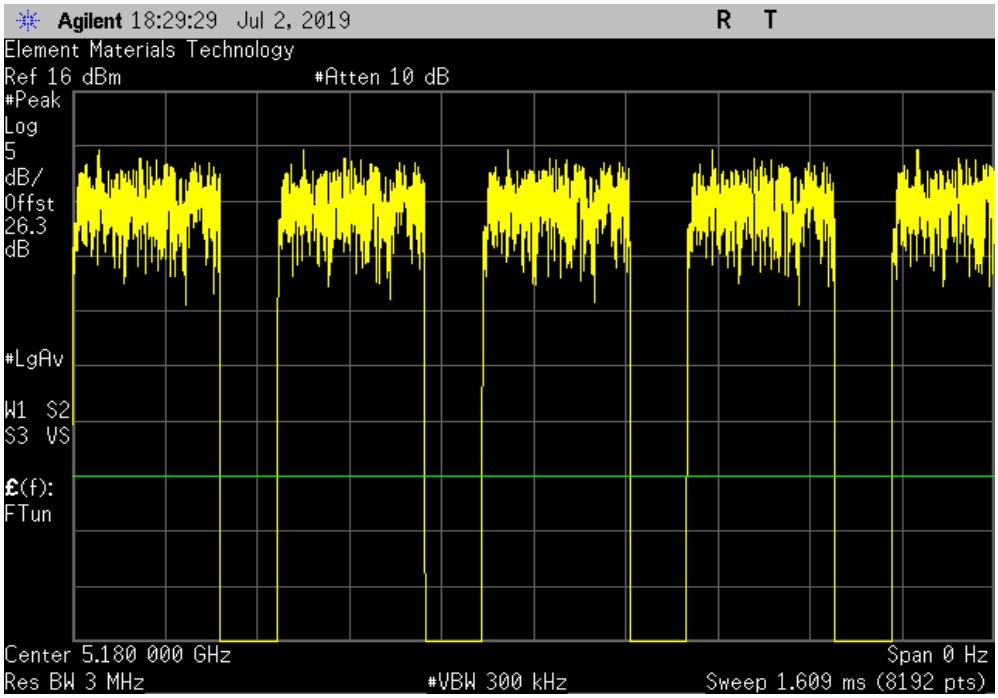


DUTY CYCLE

20 MHz, 802.11(a) 36 Mbps, Ch 36, Low Channel 5180 MHz						
	Pulse Width	Period	Number of Pulses	Value (%)	Limit (%)	Results
	256.1 us	357.6 us	1	71.6	N/A	N/A

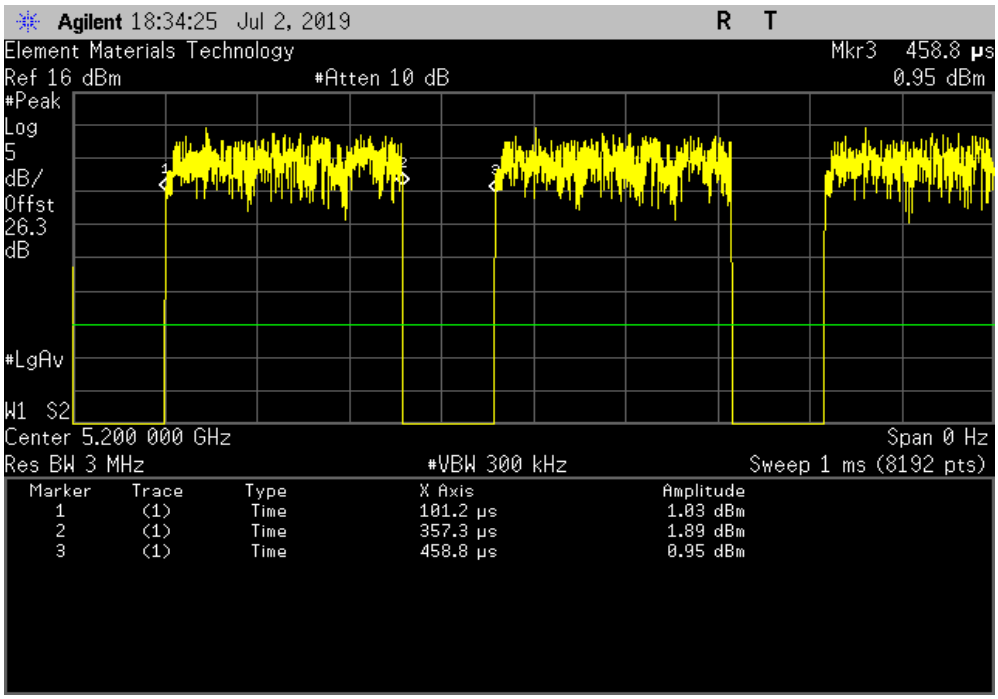


20 MHz, 802.11(a) 36 Mbps, Ch 36, Low Channel 5180 MHz						
	Pulse Width	Period	Number of Pulses	Value (%)	Limit (%)	Results
	N/A	N/A	5	N/A	N/A	N/A

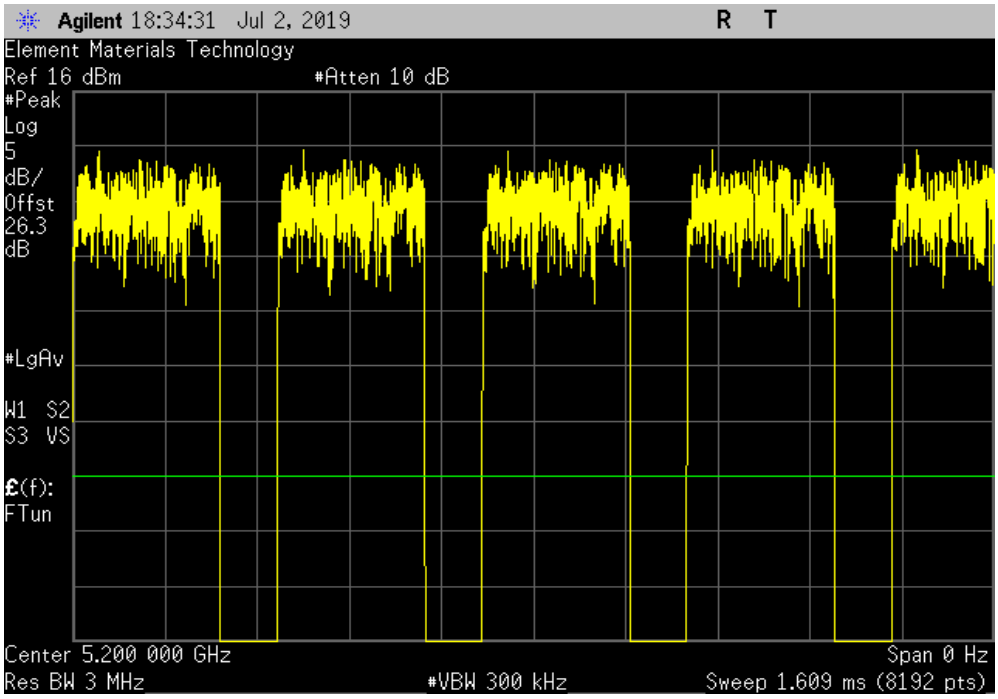


DUTY CYCLE

20 MHz, 802.11(a) 36 Mbps, Ch 40, Mid Channel 5200 MHz						
	Pulse Width	Period	Number of Pulses	Value (%)	Limit (%)	Results
	256.1 us	357.6 us	1	71.6	N/A	N/A

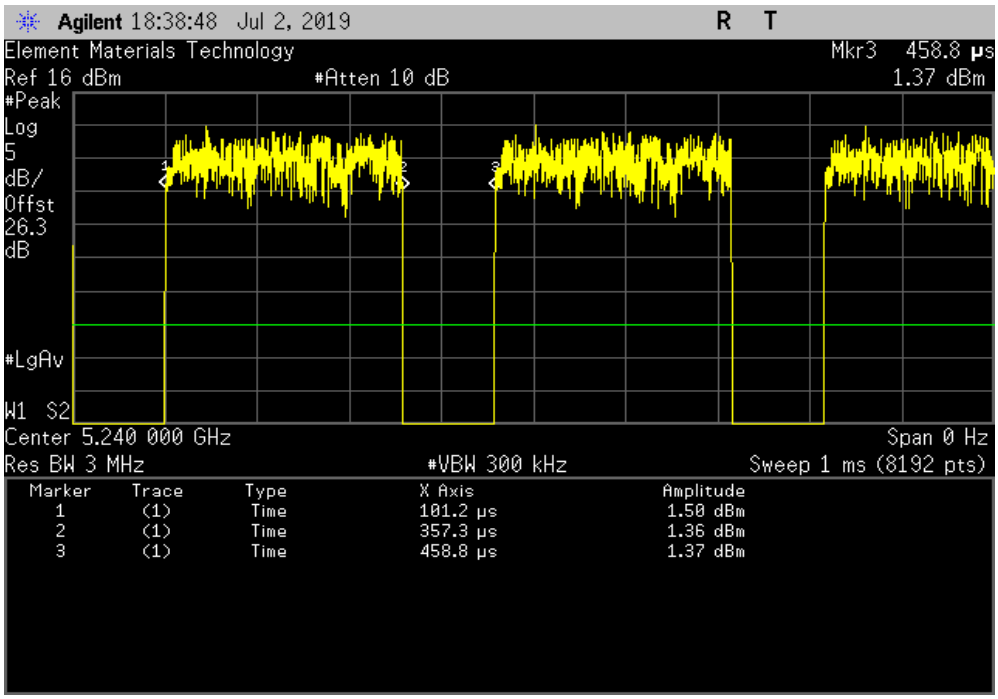


20 MHz, 802.11(a) 36 Mbps, Ch 40, Mid Channel 5200 MHz						
	Pulse Width	Period	Number of Pulses	Value (%)	Limit (%)	Results
	N/A	N/A	5	N/A	N/A	N/A

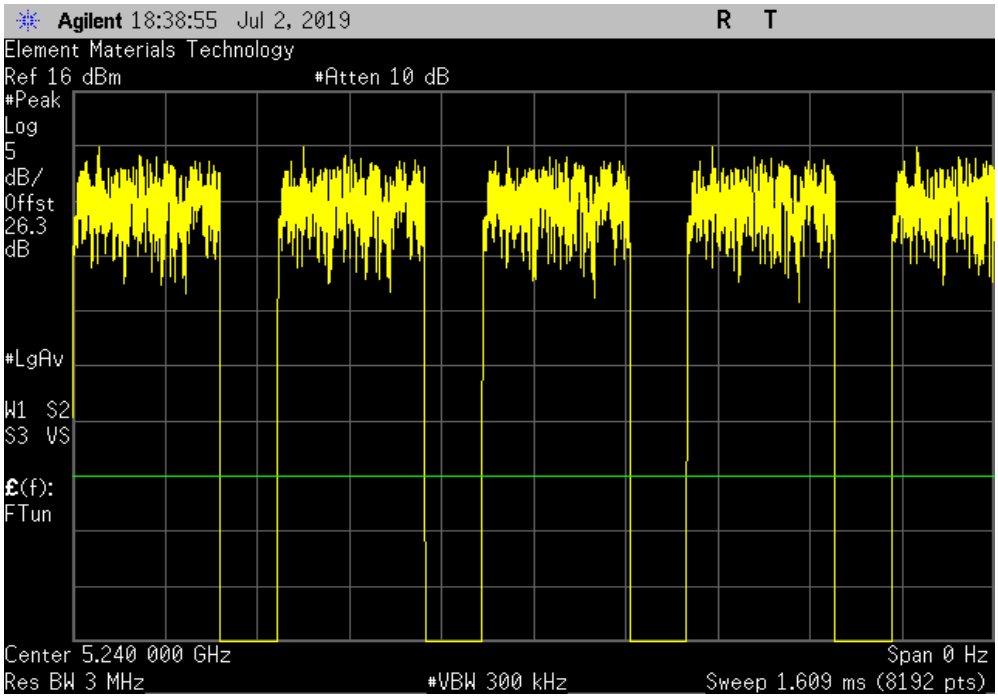


DUTY CYCLE

20 MHz, 802.11(a) 36 Mbps, Ch 48, High Channel 5240 MHz						
	Pulse Width	Period	Number of Pulses	Value (%)	Limit (%)	Results
	256.1 us	357.6 us	1	71.6	N/A	N/A

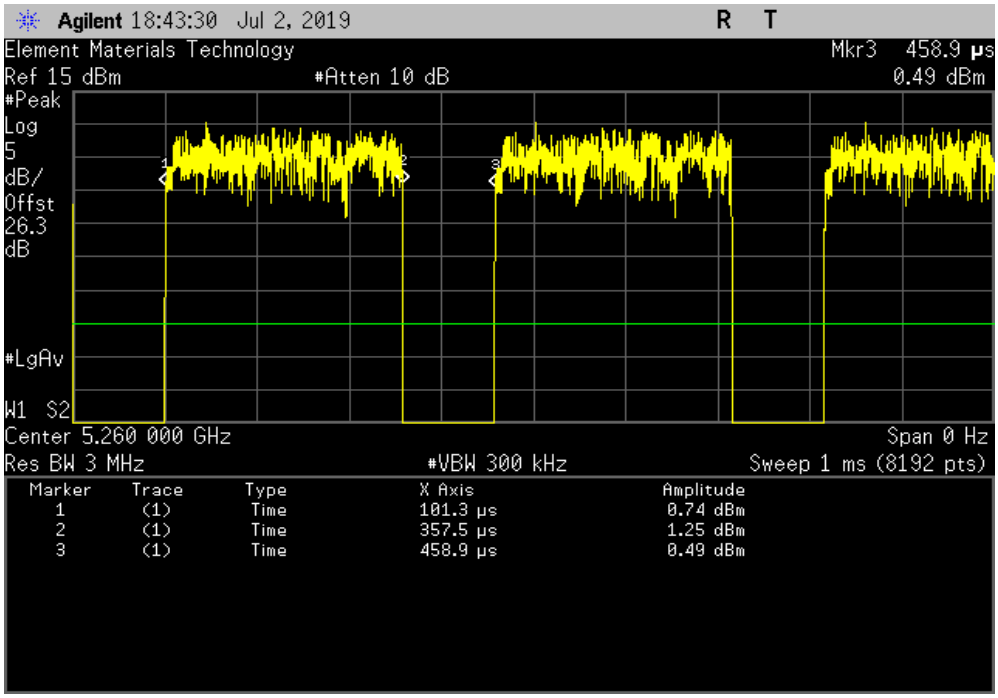


20 MHz, 802.11(a) 36 Mbps, Ch 48, High Channel 5240 MHz						
	Pulse Width	Period	Number of Pulses	Value (%)	Limit (%)	Results
	N/A	N/A	5	N/A	N/A	N/A

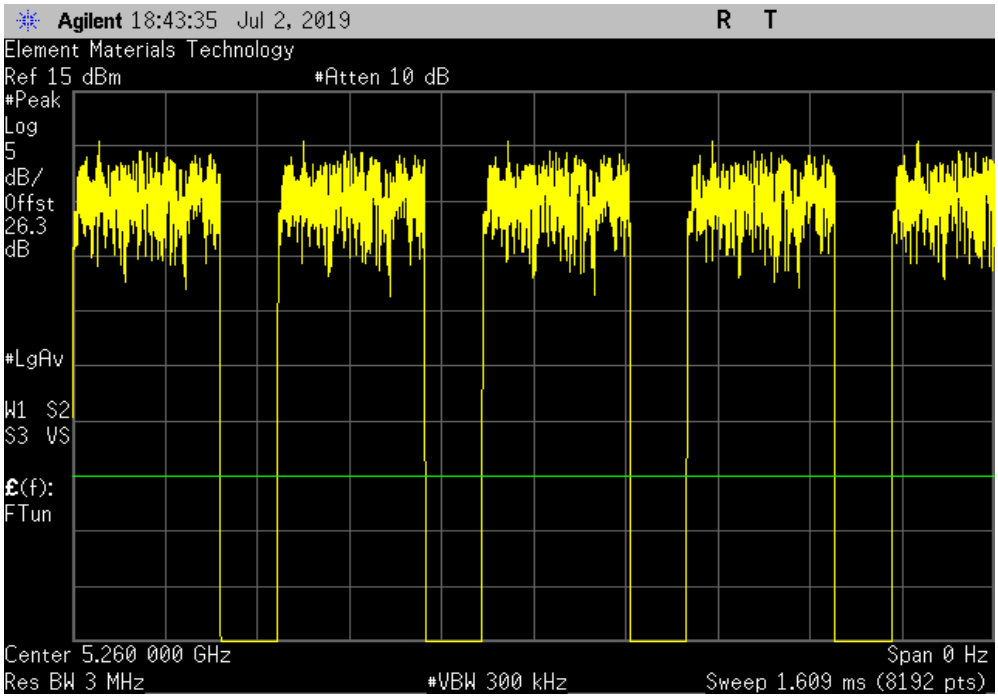


DUTY CYCLE

20 MHz, 802.11(a) 36 Mbps, Ch 52, Low Channel 5260 MHz						
	Pulse Width	Period	Number of Pulses	Value (%)	Limit (%)	Results
	256.2 us	357.6 us	1	71.6	N/A	N/A

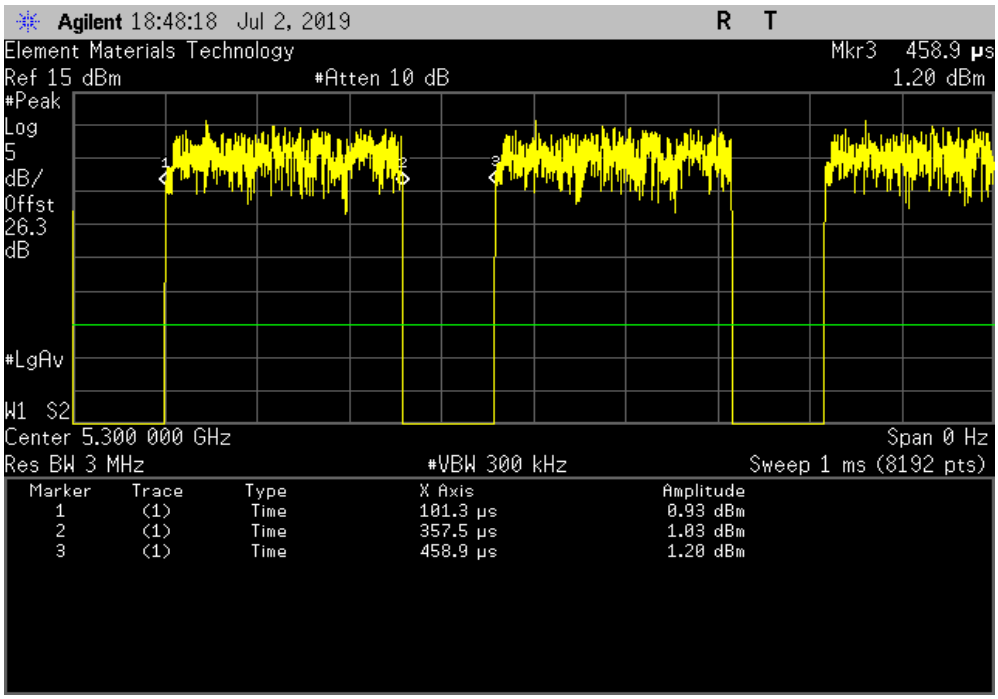


20 MHz, 802.11(a) 36 Mbps, Ch 52, Low Channel 5260 MHz						
	Pulse Width	Period	Number of Pulses	Value (%)	Limit (%)	Results
	N/A	N/A	5	N/A	N/A	N/A

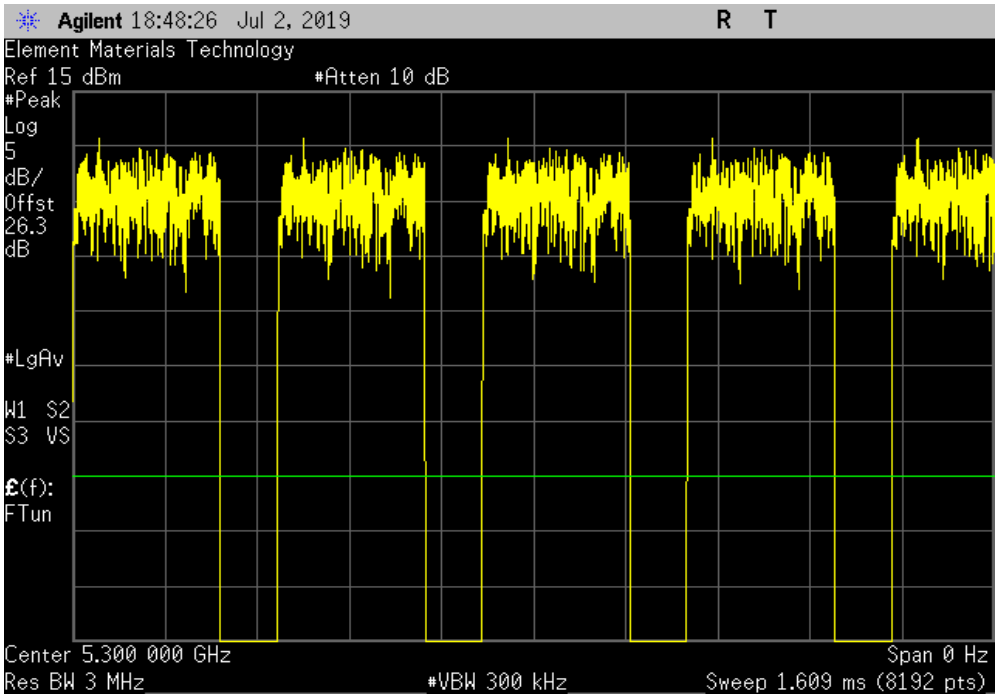


DUTY CYCLE

20 MHz, 802.11(a) 36 Mbps, Ch 60, Mid Channel 5300 MHz						
	Pulse Width	Period	Number of Pulses	Value (%)	Limit (%)	Results
	256.2 us	357.6 us	1	71.6	N/A	N/A

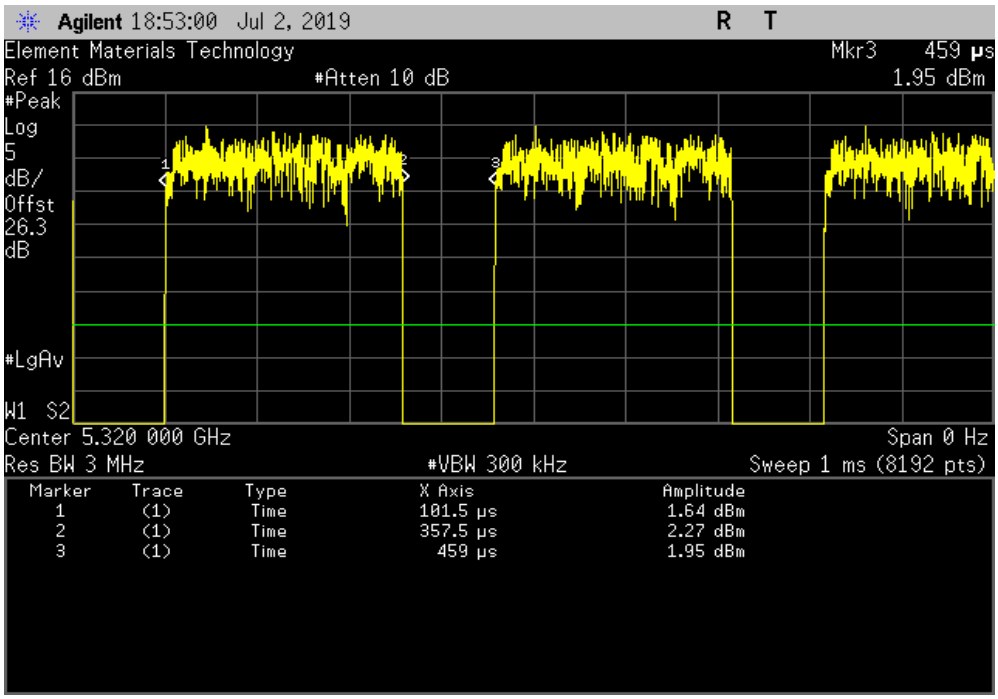


20 MHz, 802.11(a) 36 Mbps, Ch 60, Mid Channel 5300 MHz						
	Pulse Width	Period	Number of Pulses	Value (%)	Limit (%)	Results
	N/A	N/A	5	N/A	N/A	N/A

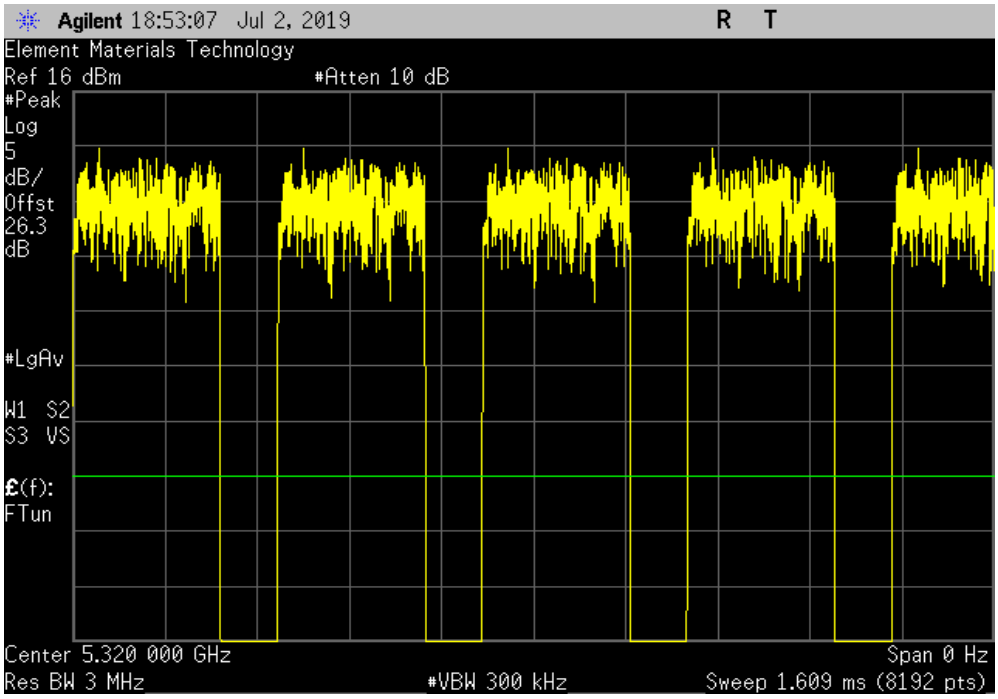


DUTY CYCLE

20 MHz, 802.11(a) 36 Mbps, Ch 64, High Channel 5320 MHz						
	Pulse Width	Period	Number of Pulses	Value (%)	Limit (%)	Results
	256 us	357.5 us	1	71.6	N/A	N/A

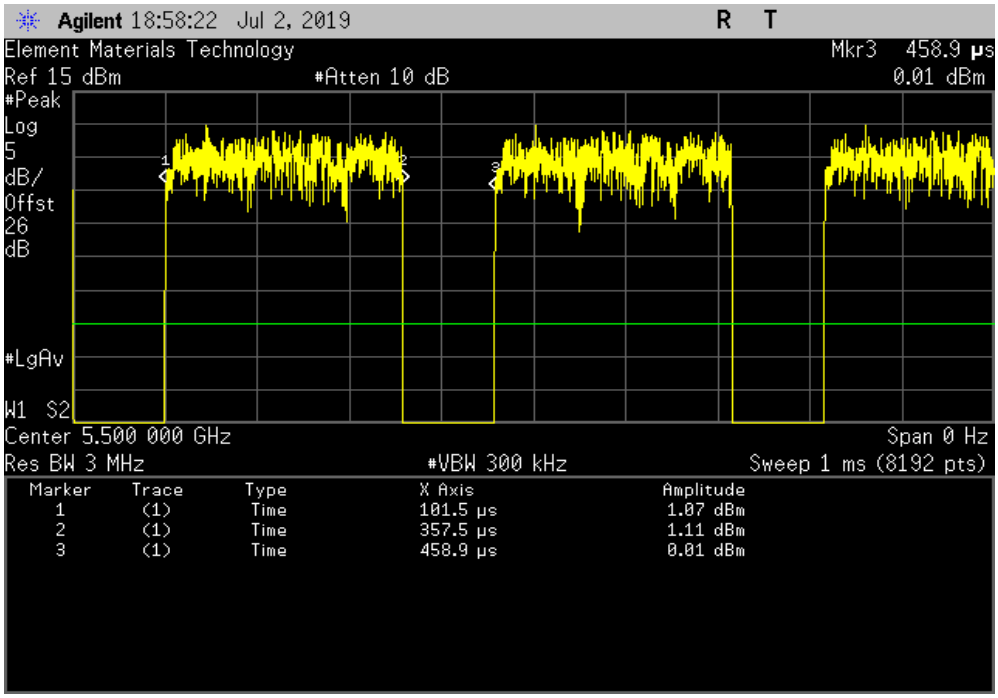


20 MHz, 802.11(a) 36 Mbps, Ch 64, High Channel 5320 MHz						
	Pulse Width	Period	Number of Pulses	Value (%)	Limit (%)	Results
	N/A	N/A	5	N/A	N/A	N/A

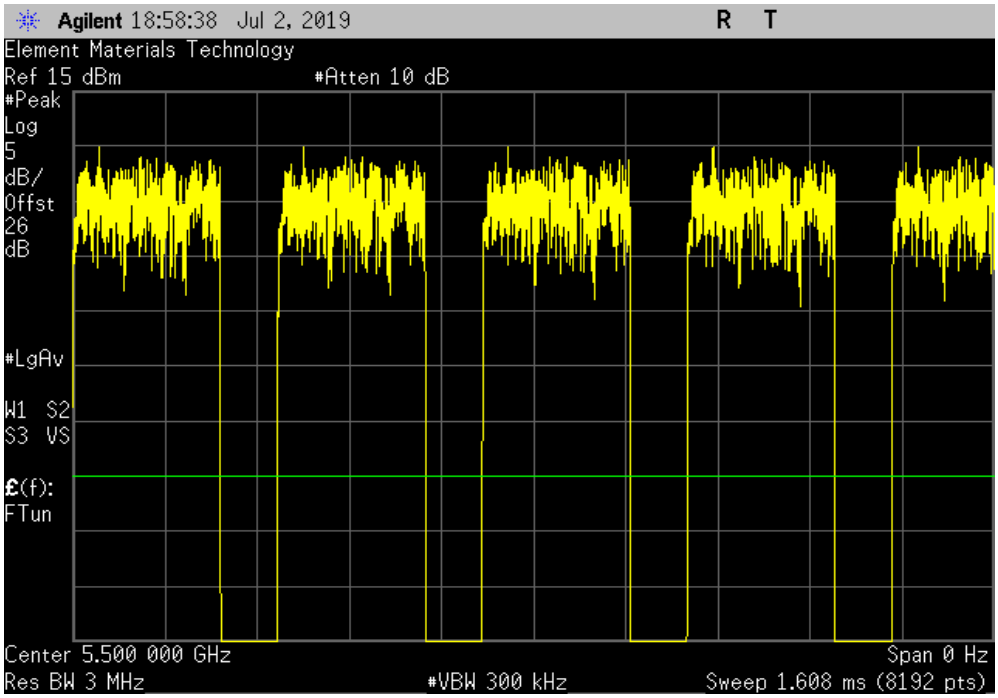


DUTY CYCLE

20 MHz, 802.11(a) 36 Mbps, Ch 100, Low Channel 5500 MHz						
	Pulse Width	Period	Number of Pulses	Value (%)	Limit (%)	Results
	256 us	357.4 us	1	71.6	N/A	N/A

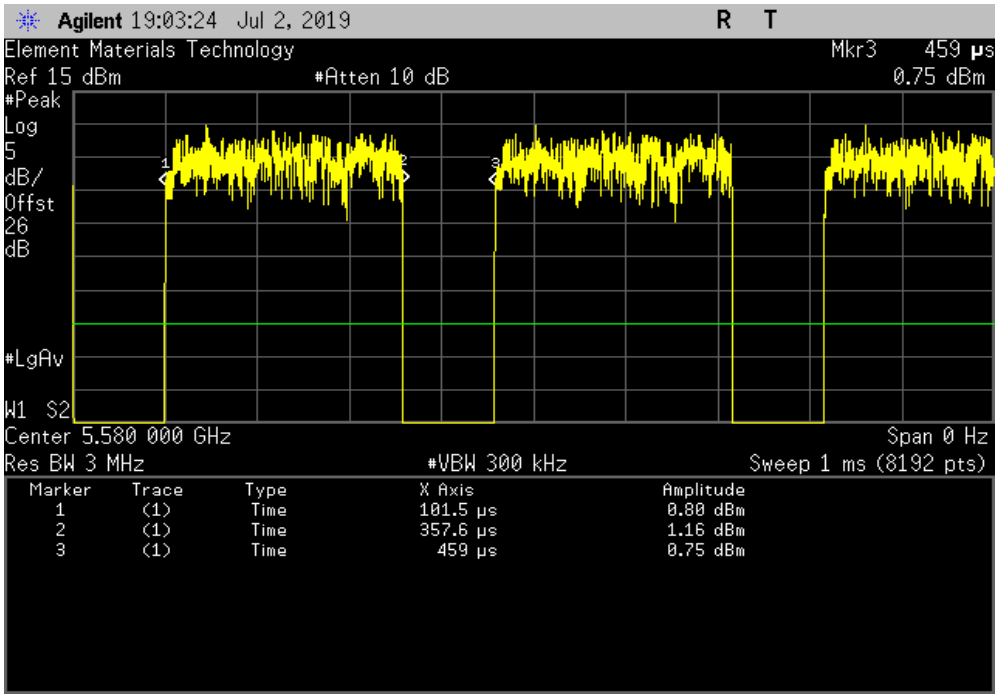


20 MHz, 802.11(a) 36 Mbps, Ch 100, Low Channel 5500 MHz						
	Pulse Width	Period	Number of Pulses	Value (%)	Limit (%)	Results
	N/A	N/A	5	N/A	N/A	N/A

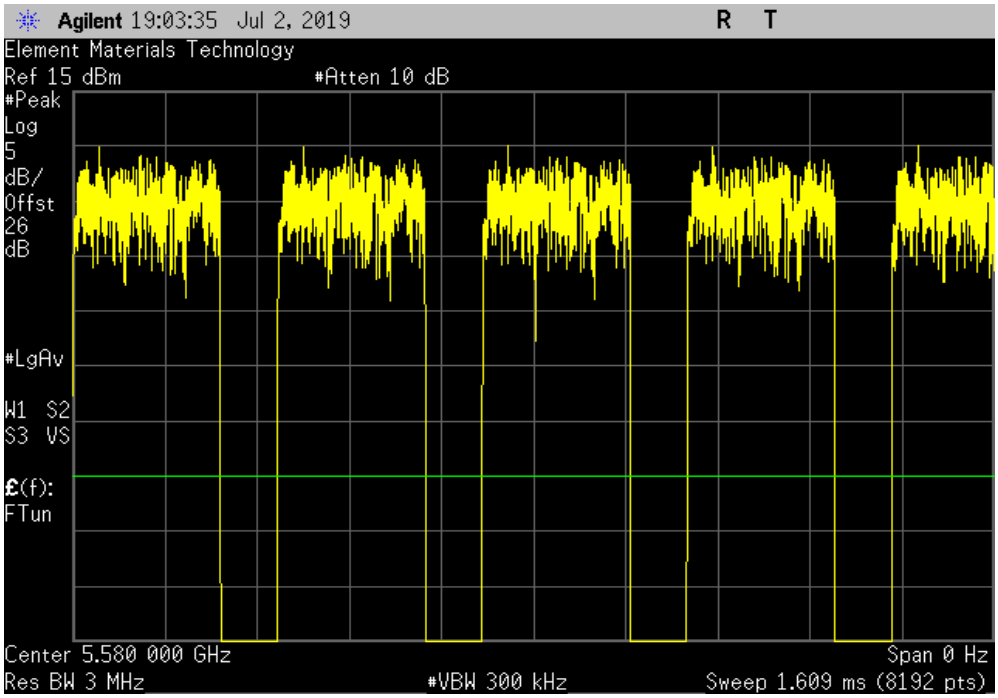


DUTY CYCLE

20 MHz, 802.11(a) 36 Mbps, Ch 116, Mid Channel 5580 MHz						
	Pulse Width	Period	Number of Pulses	Value (%)	Limit (%)	Results
	256.1 us	357.5 us	1	71.6	N/A	N/A

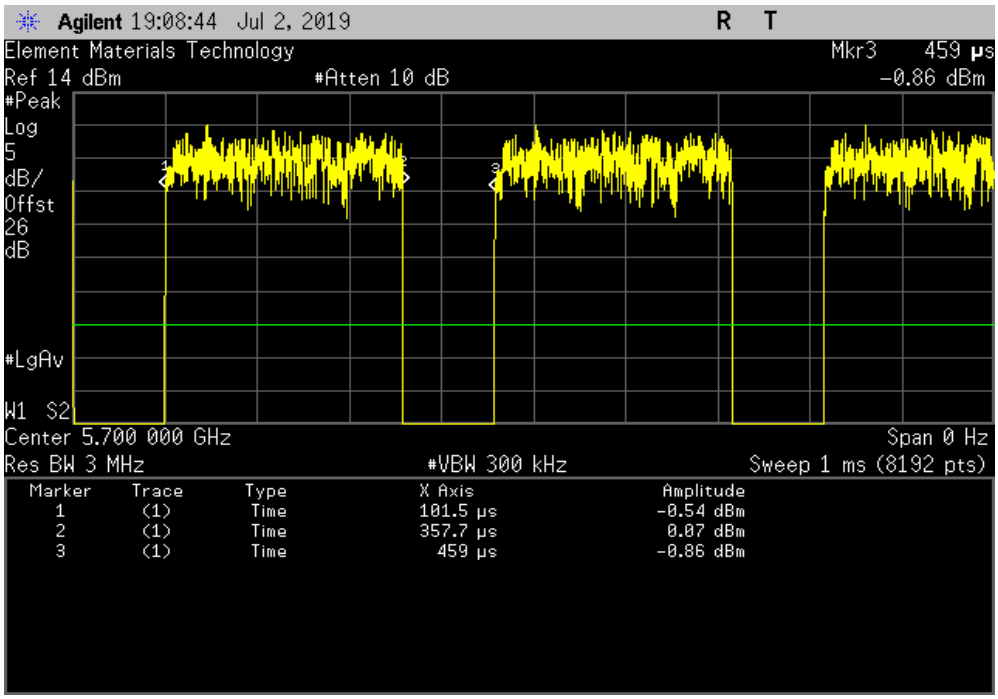


20 MHz, 802.11(a) 36 Mbps, Ch 116, Mid Channel 5580 MHz						
	Pulse Width	Period	Number of Pulses	Value (%)	Limit (%)	Results
	N/A	N/A	5	N/A	N/A	N/A

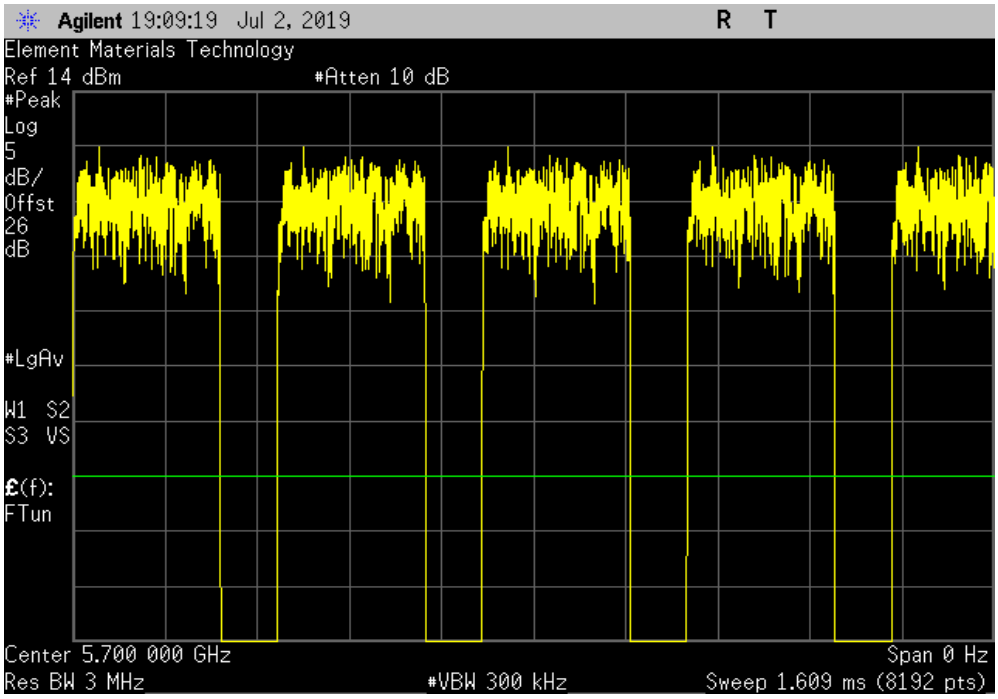


DUTY CYCLE

20 MHz, 802.11(a) 36 Mbps, Ch 140, High Channel 5700 MHz						
	Pulse Width	Period	Number of Pulses	Value (%)	Limit (%)	Results
	256.2 us	357.5 us	1	71.7	N/A	N/A

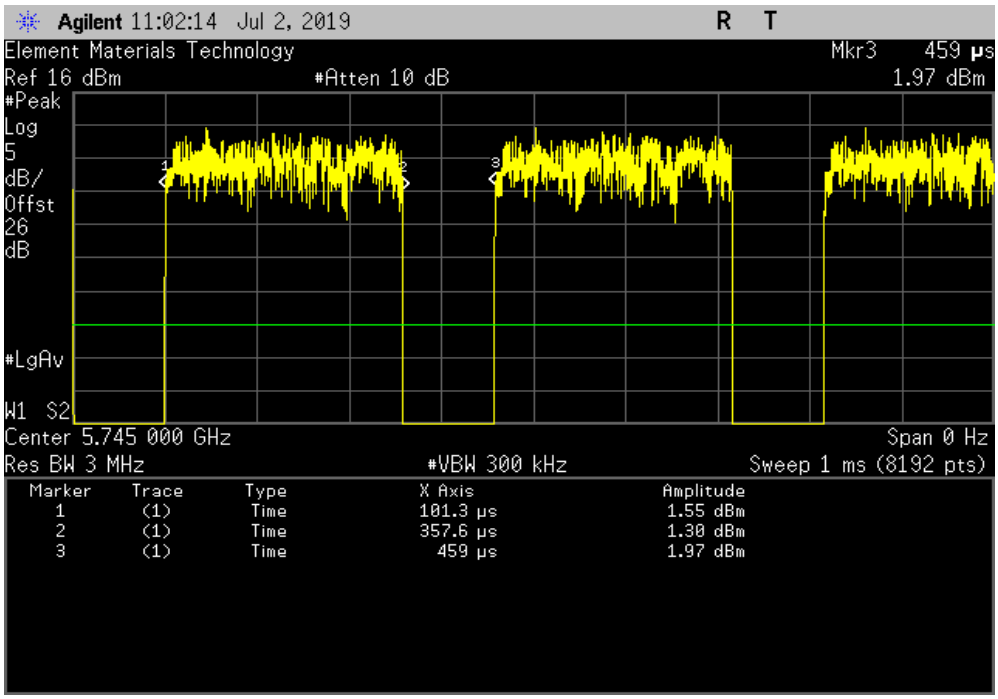


20 MHz, 802.11(a) 36 Mbps, Ch 140, High Channel 5700 MHz						
	Pulse Width	Period	Number of Pulses	Value (%)	Limit (%)	Results
	N/A	N/A	5	N/A	N/A	N/A

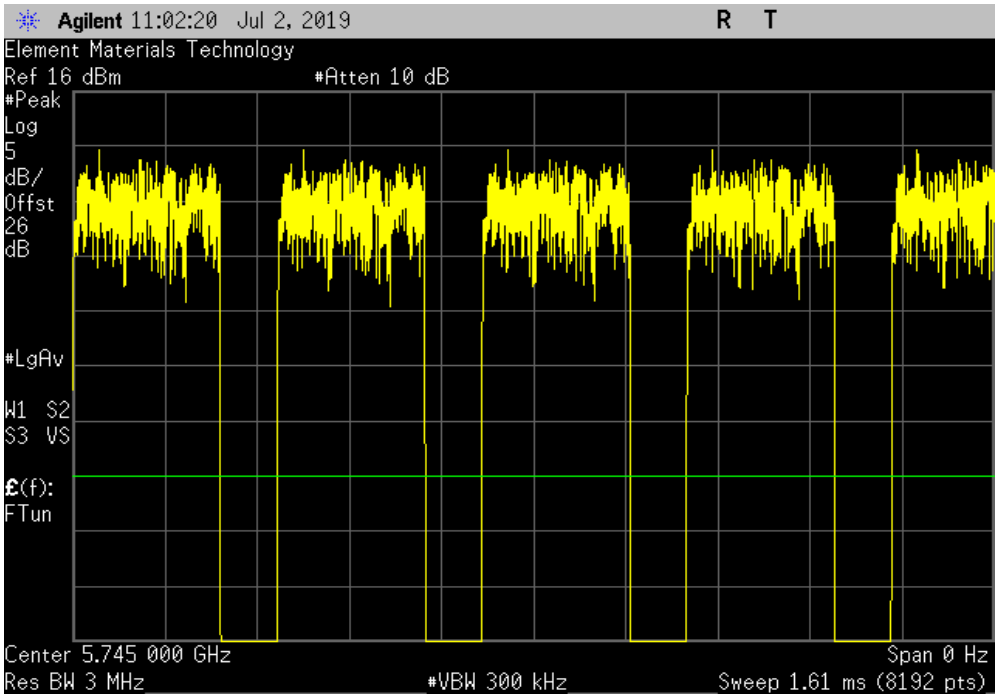


DUTY CYCLE

20 MHz, 802.11(a) 36 Mbps, Ch 149, Low Channel 5745 MHz						
	Pulse Width	Period	Number of Pulses	Value (%)	Limit (%)	Results
	256.3 us	357.7 us	1	71.7	N/A	N/A

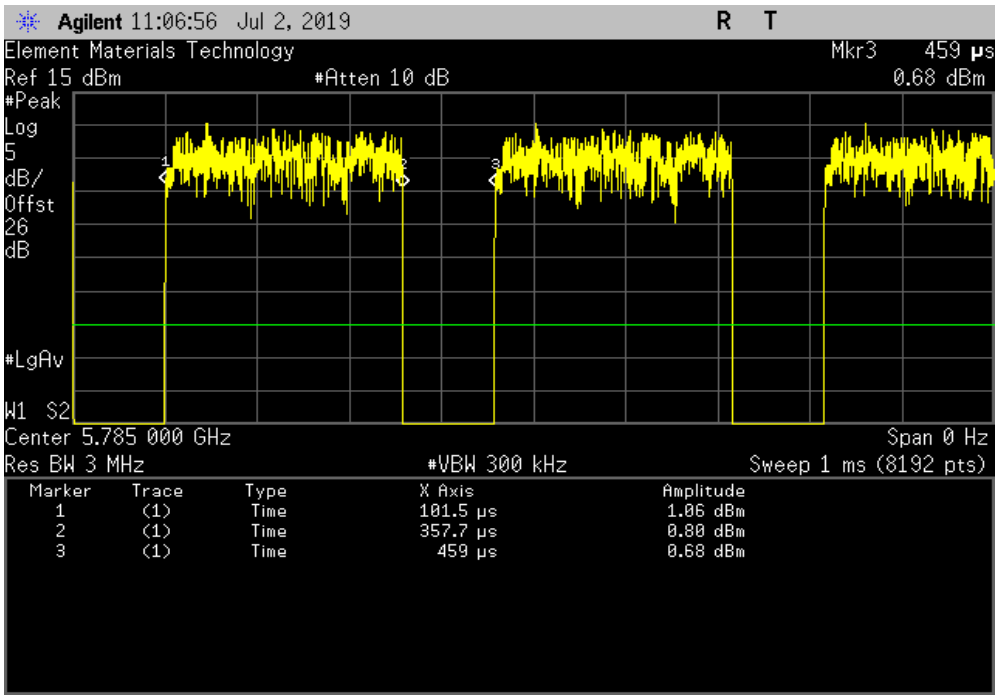


20 MHz, 802.11(a) 36 Mbps, Ch 149, Low Channel 5745 MHz						
	Pulse Width	Period	Number of Pulses	Value (%)	Limit (%)	Results
	N/A	N/A	5	N/A	N/A	N/A

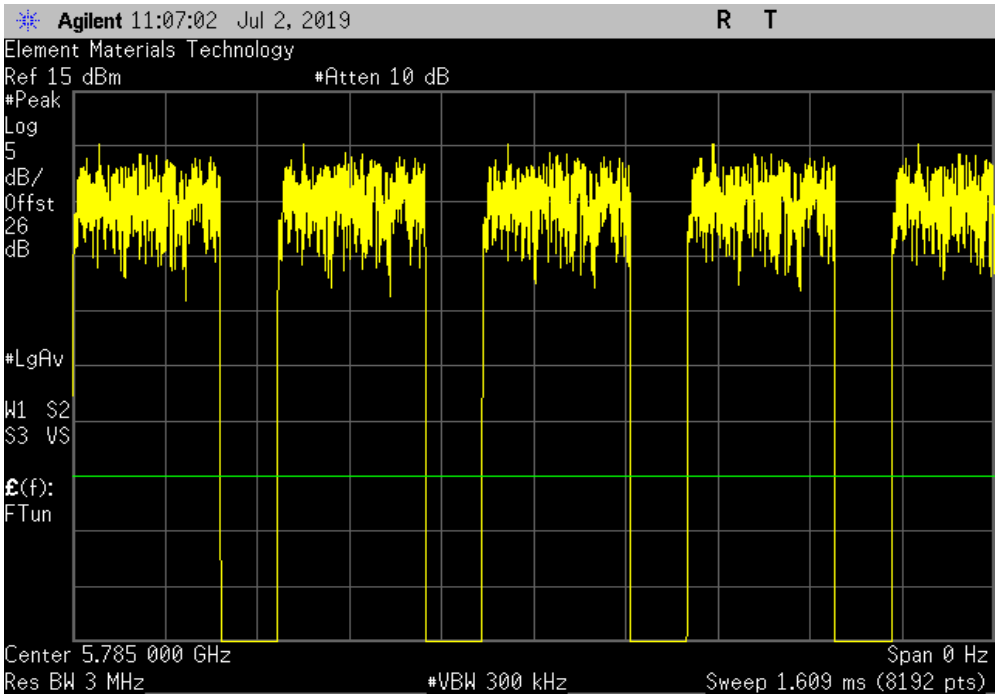


DUTY CYCLE

20 MHz, 802.11(a) 36 Mbps, Ch 157, Mid Channel 5785 MHz						
	Pulse Width	Period	Number of Pulses	Value (%)	Limit (%)	Results
	256.2 us	357.5 us	1	71.7	N/A	N/A

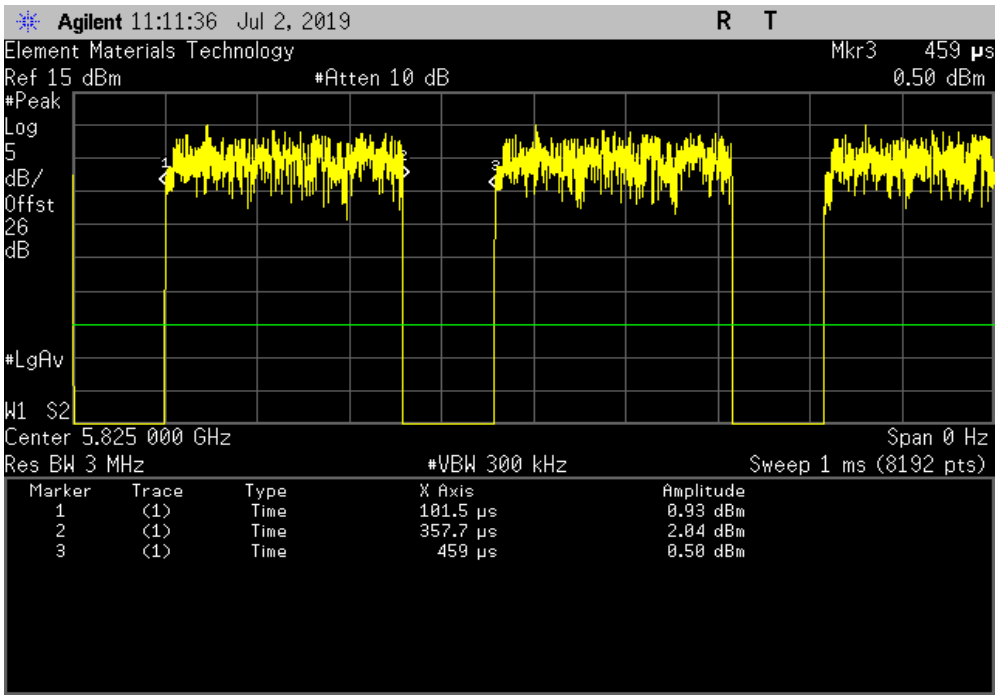


20 MHz, 802.11(a) 36 Mbps, Ch 157, Mid Channel 5785 MHz						
	Pulse Width	Period	Number of Pulses	Value (%)	Limit (%)	Results
	N/A	N/A	5	N/A	N/A	N/A

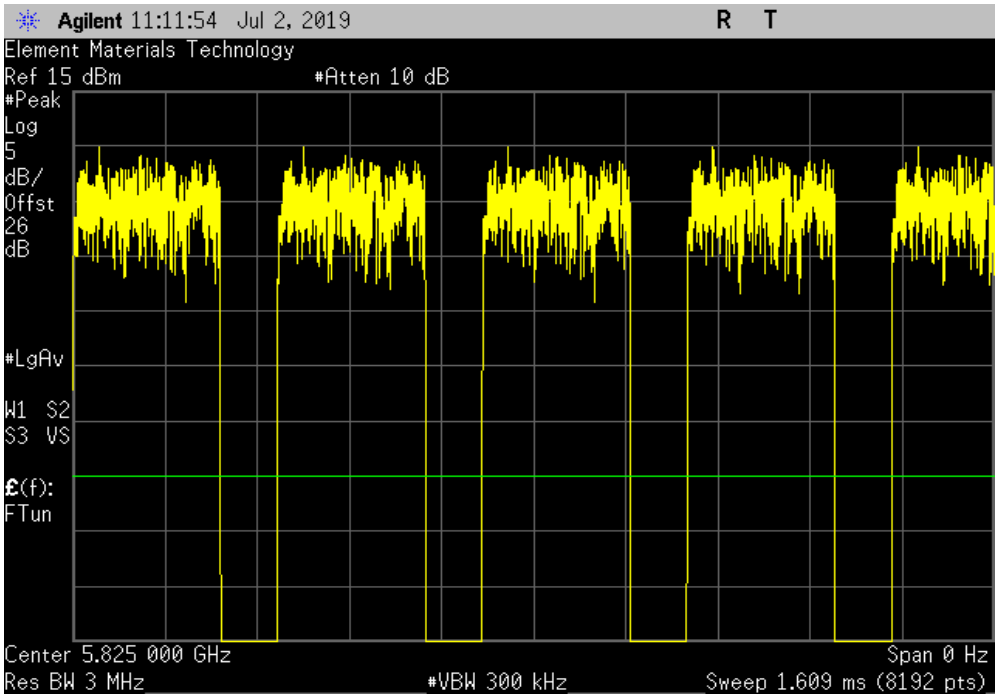


DUTY CYCLE

20 MHz, 802.11(a) 36 Mbps, Ch 165, High Channel 5825 MHz						
	Pulse Width	Period	Number of Pulses	Value (%)	Limit (%)	Results
	256.2 us	357.5 us	1	71.7	N/A	N/A

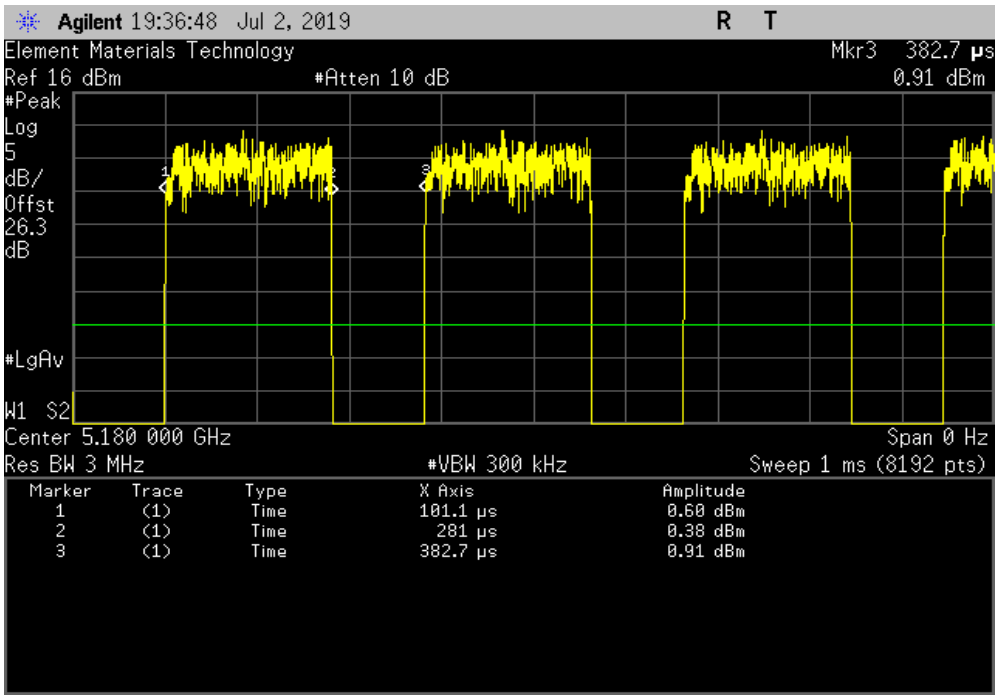


20 MHz, 802.11(a) 36 Mbps, Ch 165, High Channel 5825 MHz						
	Pulse Width	Period	Number of Pulses	Value (%)	Limit (%)	Results
	N/A	N/A	5	N/A	N/A	N/A

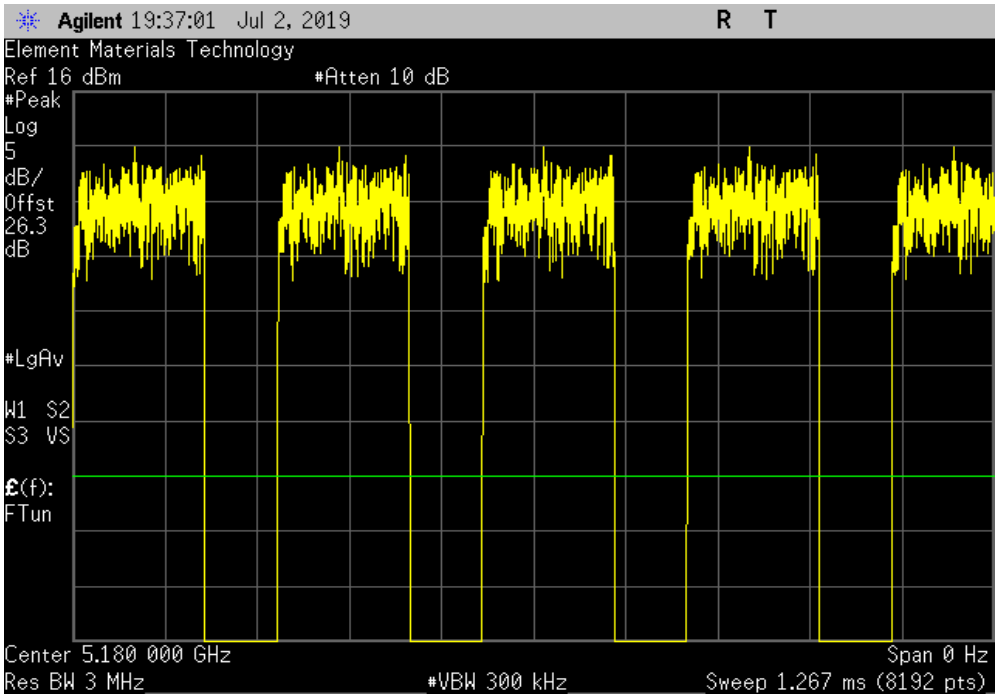


DUTY CYCLE

20 MHz, 802.11(a) 54 Mbps, Ch 36, Low Channel 5180 MHz						
	Pulse Width	Period	Number of Pulses	Value (%)	Limit (%)	Results
	179.9 us	281.6 us	1	63.9	N/A	N/A

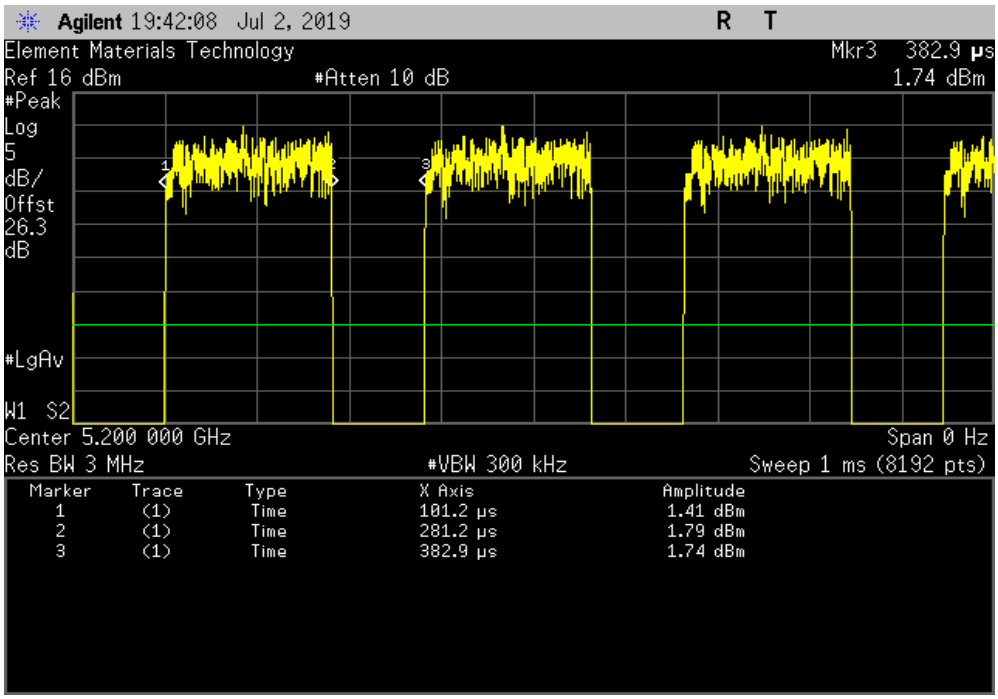


20 MHz, 802.11(a) 54 Mbps, Ch 36, Low Channel 5180 MHz						
	Pulse Width	Period	Number of Pulses	Value (%)	Limit (%)	Results
	N/A	N/A	5	N/A	N/A	N/A

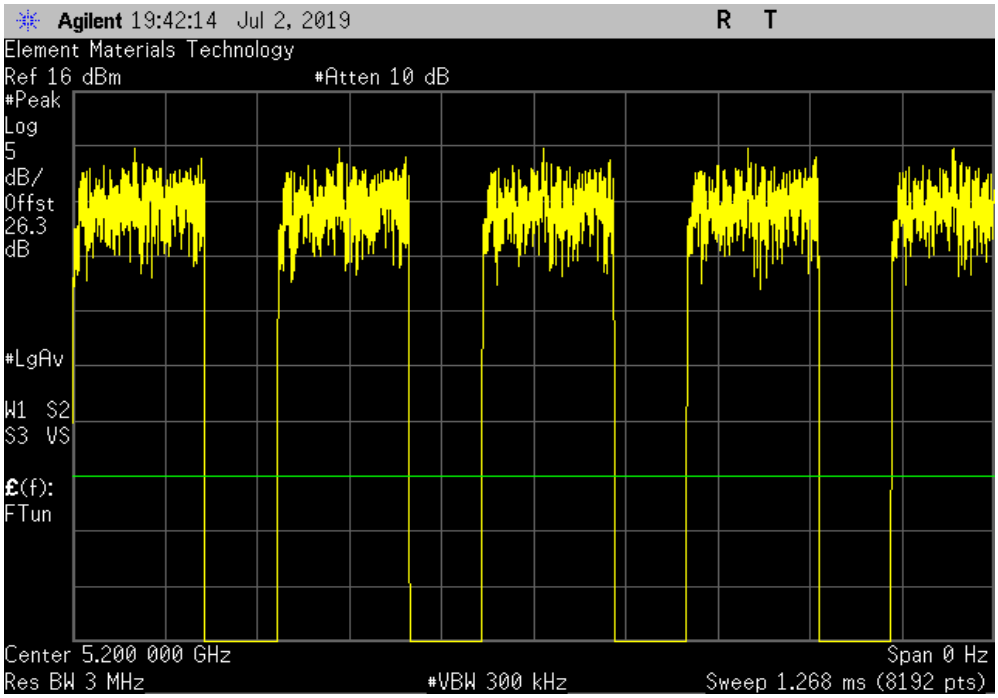


DUTY CYCLE

20 MHz, 802.11(a) 54 Mbps, Ch 40, Mid Channel 5200 MHz						
	Pulse Width	Period	Number of Pulses	Value (%)	Limit (%)	Results
	180 us	281.7 us	1	63.9	N/A	N/A

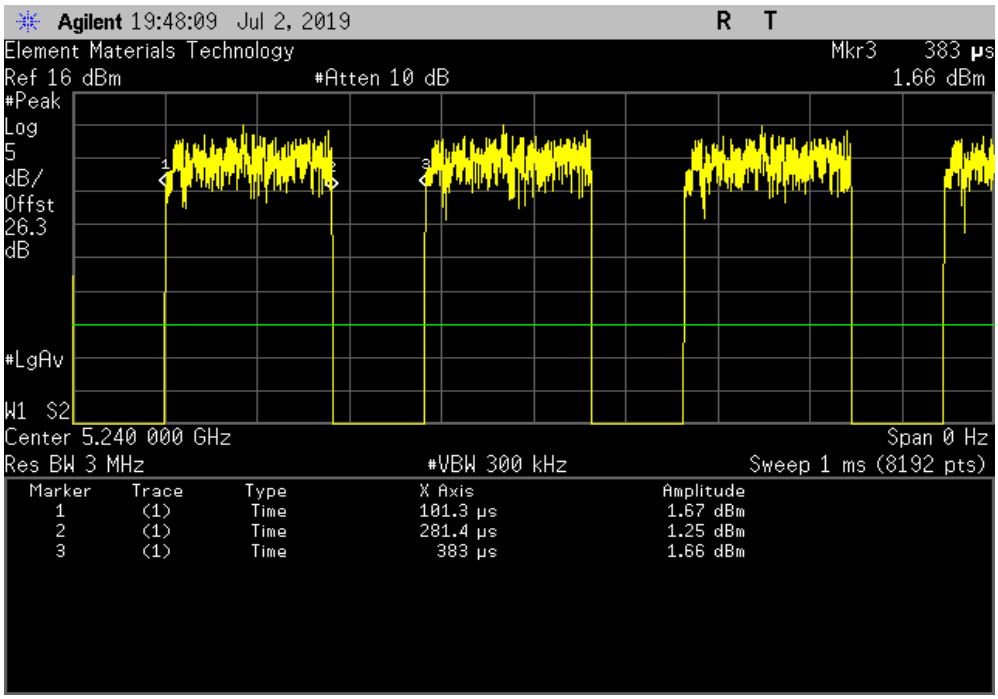


20 MHz, 802.11(a) 54 Mbps, Ch 40, Mid Channel 5200 MHz						
	Pulse Width	Period	Number of Pulses	Value (%)	Limit (%)	Results
	N/A	N/A	5	N/A	N/A	N/A

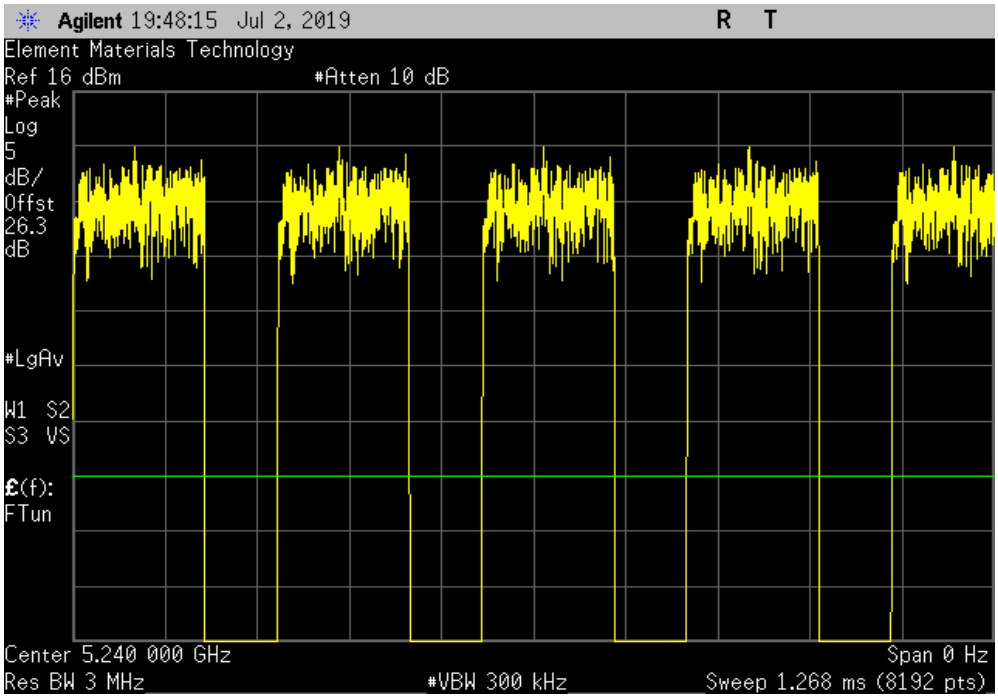


DUTY CYCLE

20 MHz, 802.11(a) 54 Mbps, Ch 48, High Channel 5240 MHz						
	Pulse Width	Period	Number of Pulses	Value (%)	Limit (%)	Results
	180.1 us	281.7 us	1	63.9	N/A	N/A

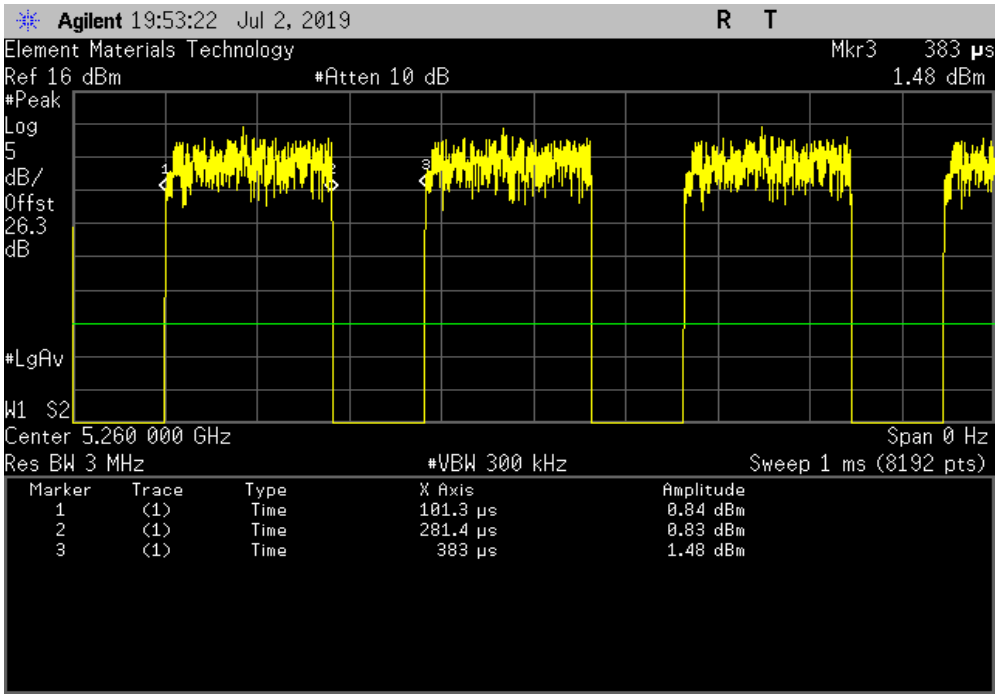


20 MHz, 802.11(a) 54 Mbps, Ch 48, High Channel 5240 MHz						
	Pulse Width	Period	Number of Pulses	Value (%)	Limit (%)	Results
	N/A	N/A	5	N/A	N/A	N/A

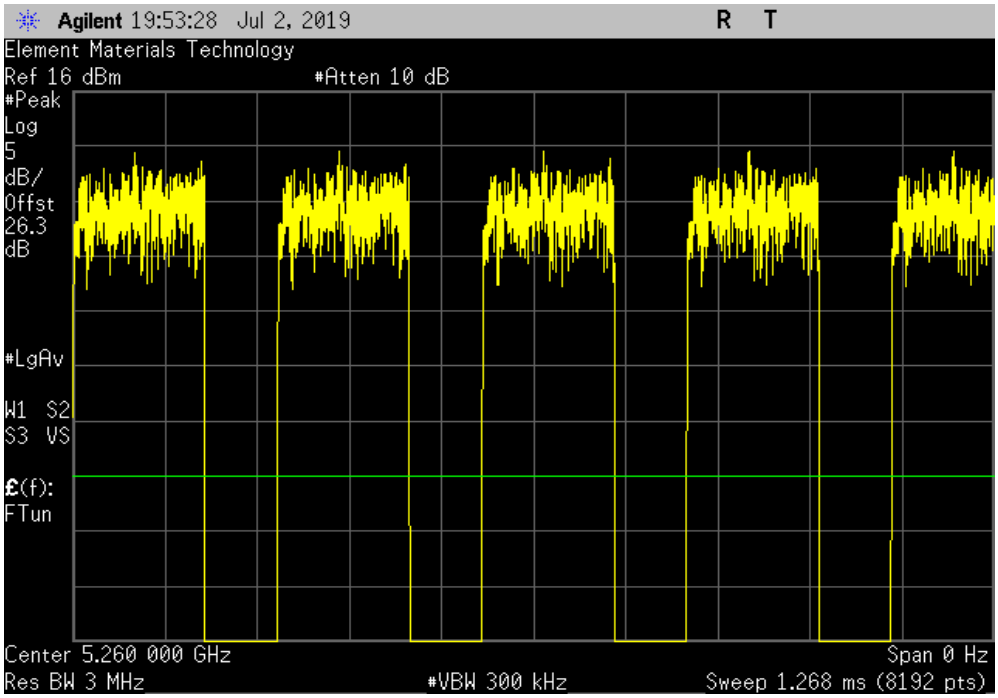


DUTY CYCLE

20 MHz, 802.11(a) 54 Mbps, Ch 52, Low Channel 5260 MHz						
	Pulse Width	Period	Number of Pulses	Value (%)	Limit (%)	Results
	180.1 us	281.7 us	1	63.9	N/A	N/A

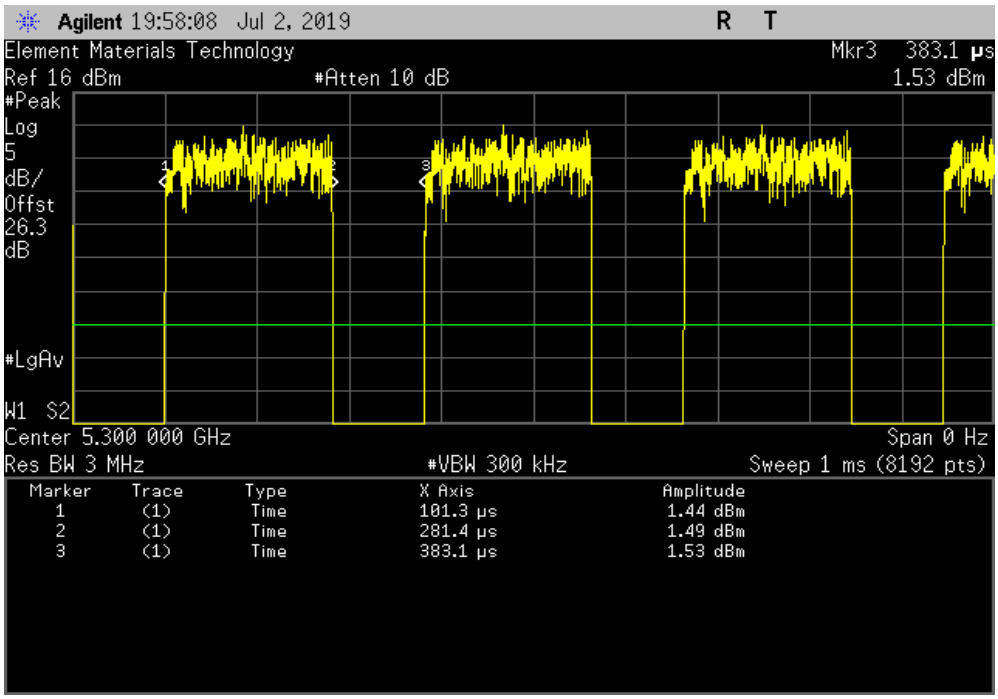


20 MHz, 802.11(a) 54 Mbps, Ch 52, Low Channel 5260 MHz						
	Pulse Width	Period	Number of Pulses	Value (%)	Limit (%)	Results
	N/A	N/A	5	N/A	N/A	N/A

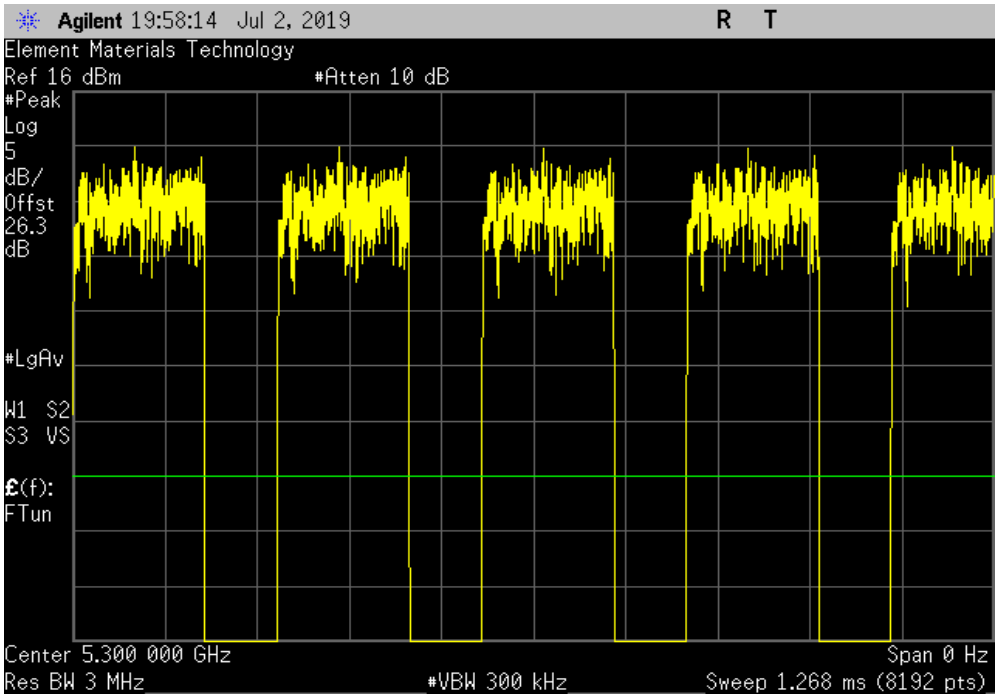


DUTY CYCLE

20 MHz, 802.11(a) 54 Mbps, Ch 60, Mid Channel 5300 MHz						
	Pulse Width	Period	Number of Pulses	Value (%)	Limit (%)	Results
	180.1 us	281.8 us	1	63.9	N/A	N/A

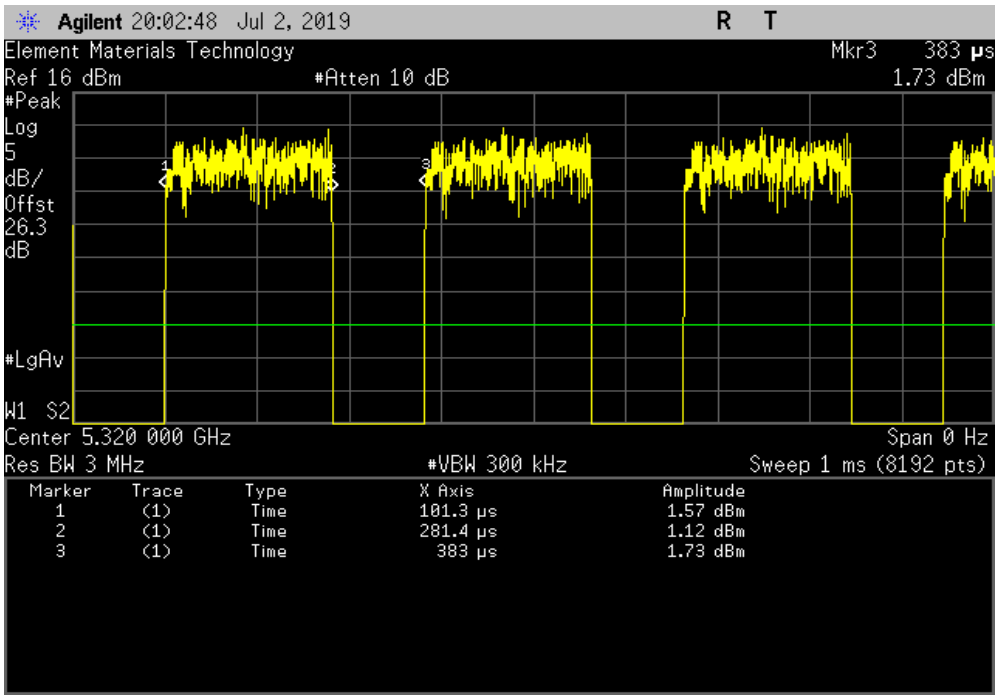


20 MHz, 802.11(a) 54 Mbps, Ch 60, Mid Channel 5300 MHz						
	Pulse Width	Period	Number of Pulses	Value (%)	Limit (%)	Results
	N/A	N/A	5	N/A	N/A	N/A

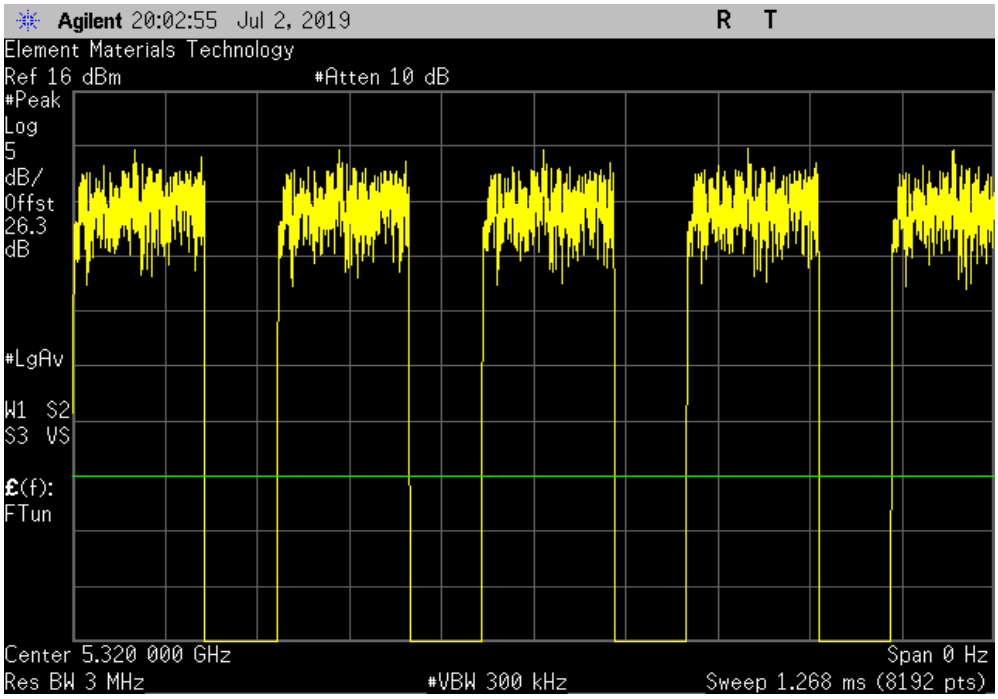


DUTY CYCLE

20 MHz, 802.11(a) 54 Mbps, Ch 64, High Channel 5320 MHz						
	Pulse Width	Period	Number of Pulses	Value (%)	Limit (%)	Results
	180.1 us	281.7 us	1	63.9	N/A	N/A

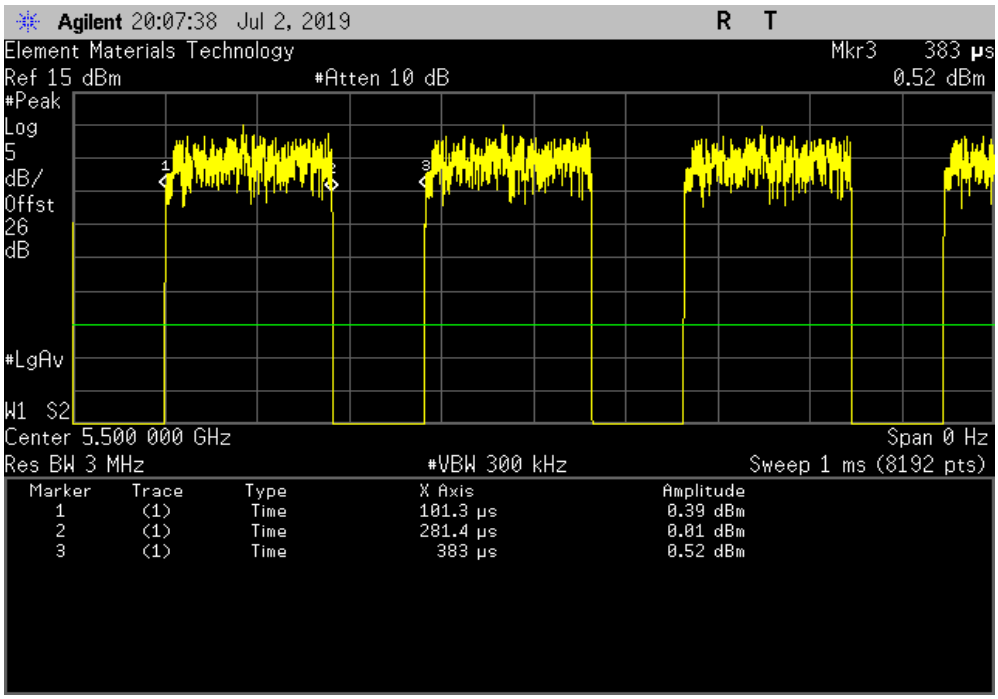


20 MHz, 802.11(a) 54 Mbps, Ch 64, High Channel 5320 MHz						
	Pulse Width	Period	Number of Pulses	Value (%)	Limit (%)	Results
	N/A	N/A	5	N/A	N/A	N/A

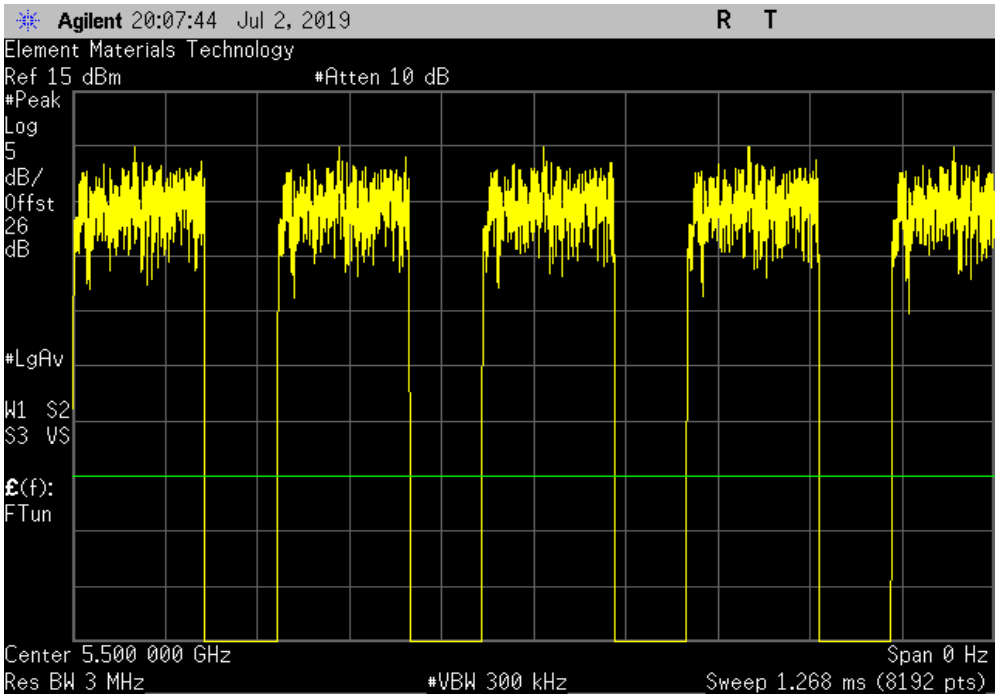


DUTY CYCLE

20 MHz, 802.11(a) 54 Mbps, Ch 100, Low Channel 5500 MHz						
	Pulse Width	Period	Number of Pulses	Value (%)	Limit (%)	Results
	180.1 us	281.7 us	1	63.9	N/A	N/A

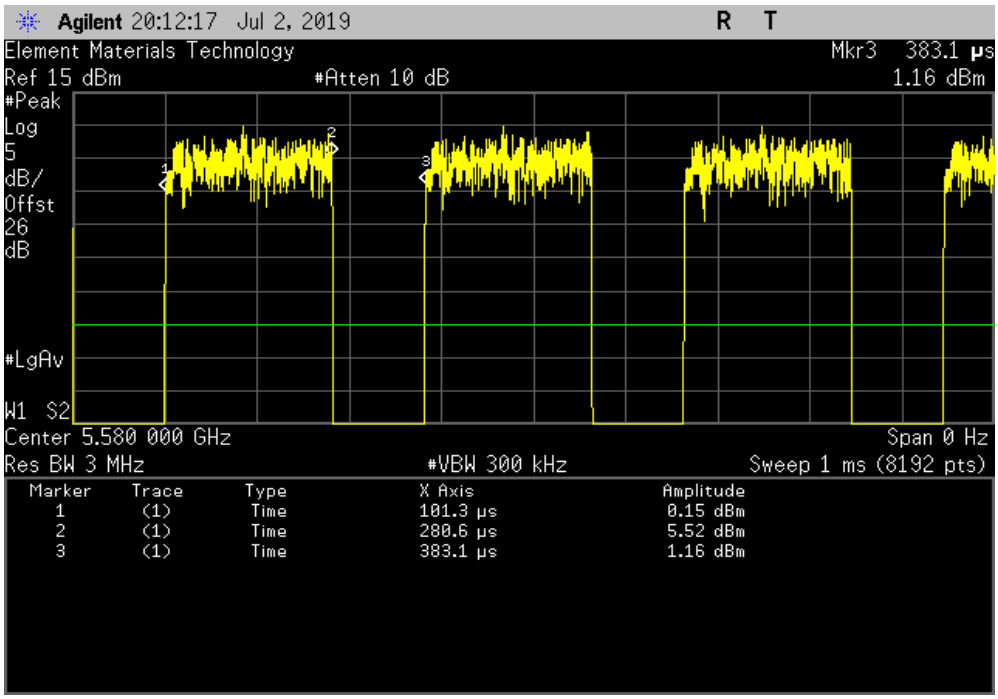


20 MHz, 802.11(a) 54 Mbps, Ch 100, Low Channel 5500 MHz						
	Pulse Width	Period	Number of Pulses	Value (%)	Limit (%)	Results
	N/A	N/A	5	N/A	N/A	N/A

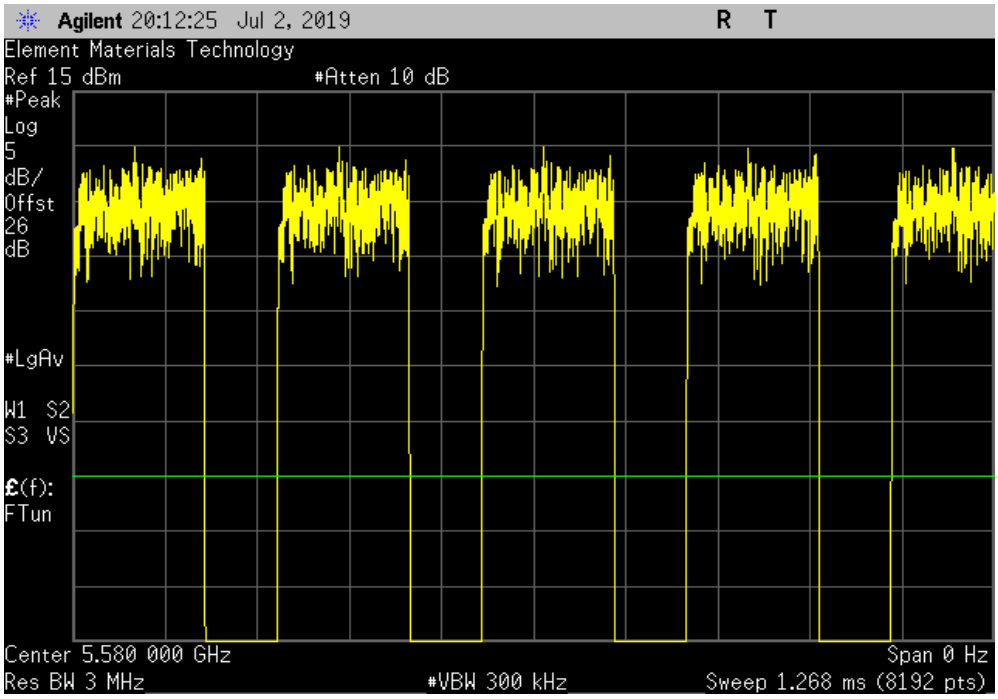


DUTY CYCLE

20 MHz, 802.11(a) 54 Mbps, Ch 116, Mid Channel 5580 MHz						
	Pulse Width	Period	Number of Pulses	Value (%)	Limit (%)	Results
	179.3 us	281.8 us	1	63.6	N/A	N/A

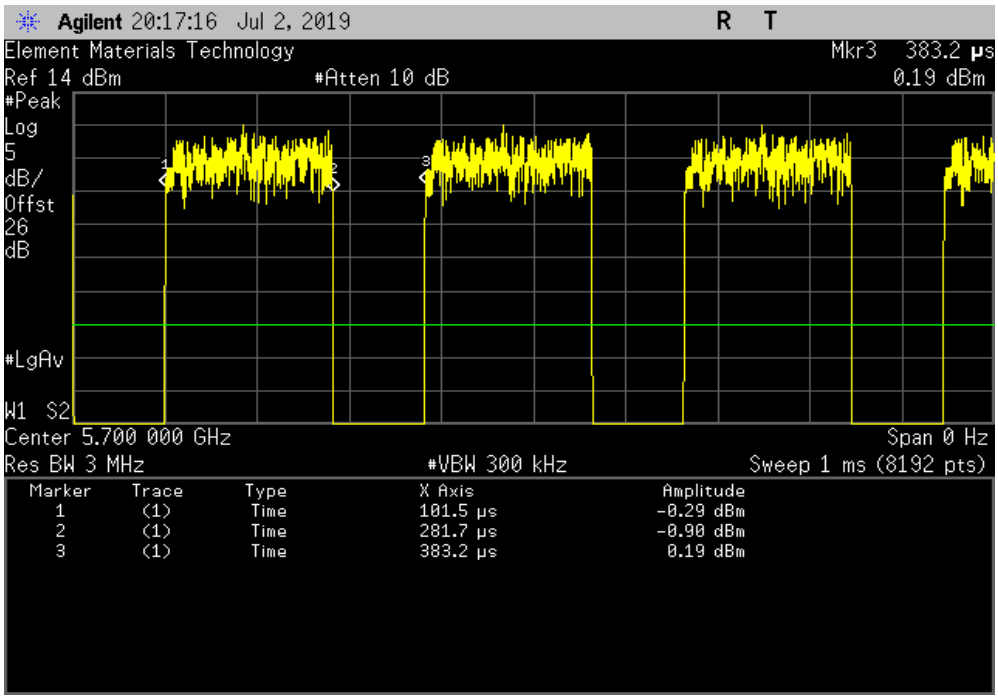


20 MHz, 802.11(a) 54 Mbps, Ch 116, Mid Channel 5580 MHz						
	Pulse Width	Period	Number of Pulses	Value (%)	Limit (%)	Results
	N/A	N/A	5	N/A	N/A	N/A

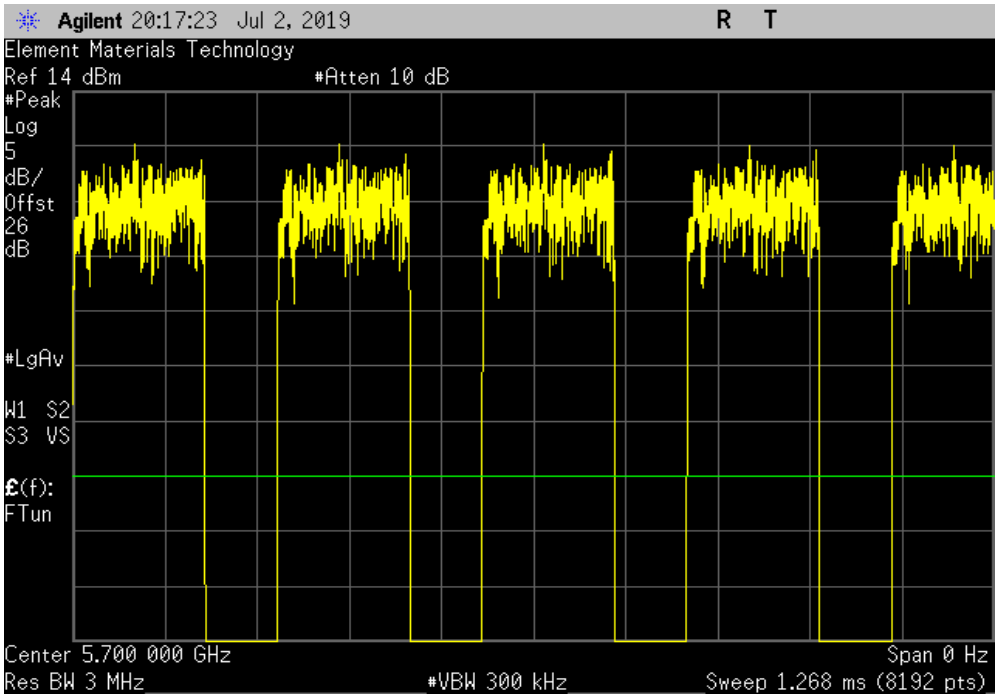


DUTY CYCLE

20 MHz, 802.11(a) 54 Mbps, Ch 140, High Channel 5700 MHz						
	Pulse Width	Period	Number of Pulses	Value (%)	Limit (%)	Results
	180.2 us	281.7 us	1	64	N/A	N/A

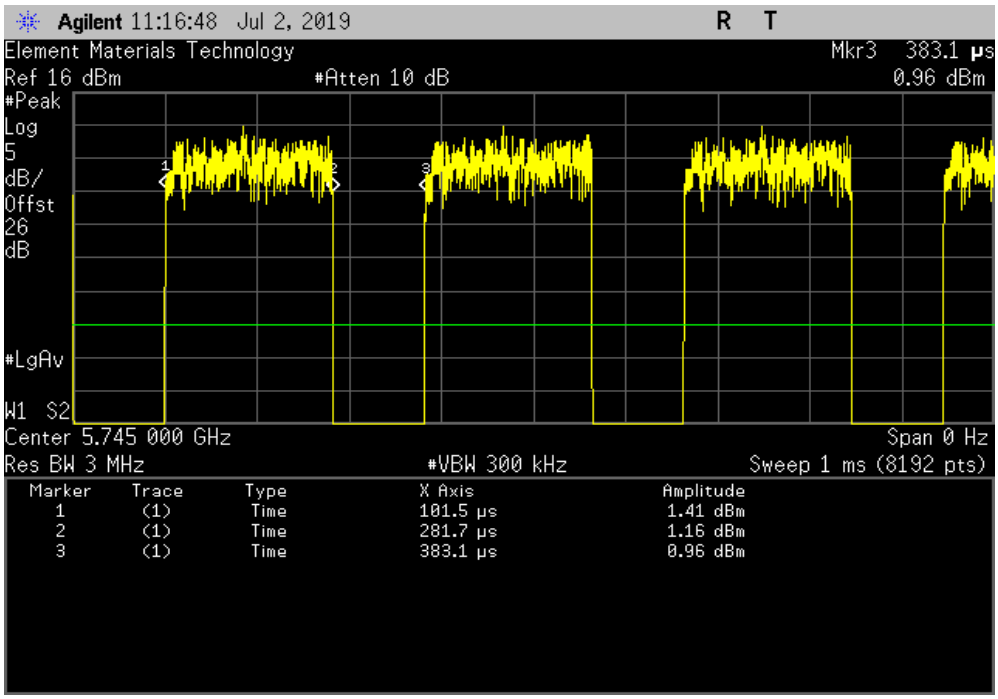


20 MHz, 802.11(a) 54 Mbps, Ch 140, High Channel 5700 MHz						
	Pulse Width	Period	Number of Pulses	Value (%)	Limit (%)	Results
	N/A	N/A	5	N/A	N/A	N/A

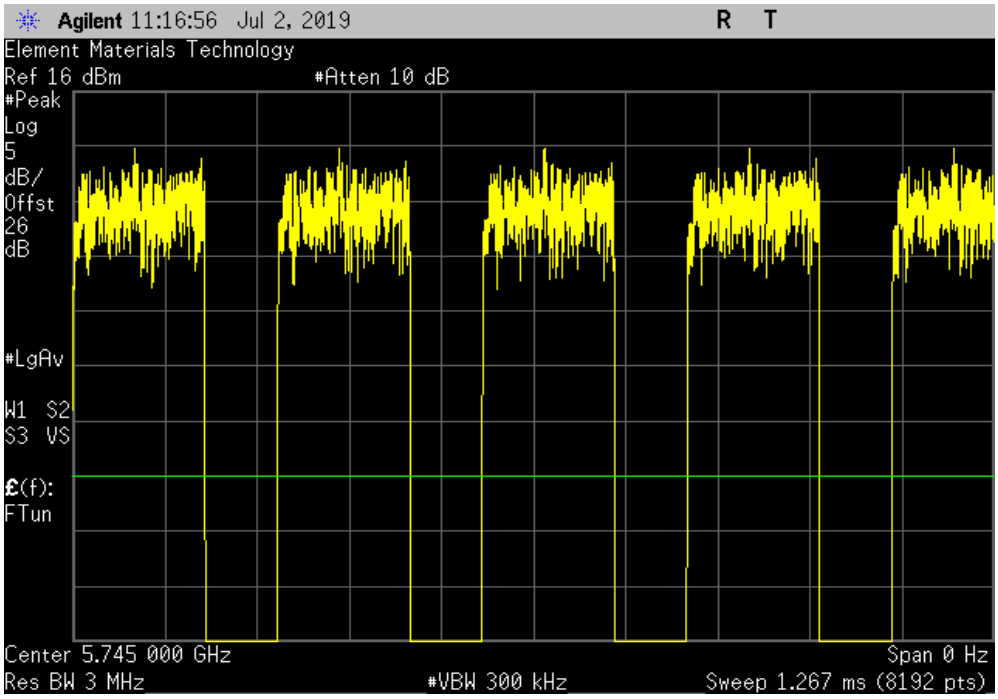


DUTY CYCLE

20 MHz, 802.11(a) 54 Mbps, Ch 149, Low Channel 5745 MHz						
	Pulse Width	Period	Number of Pulses	Value (%)	Limit (%)	Results
	180.2 us	281.6 us	1	64	N/A	N/A

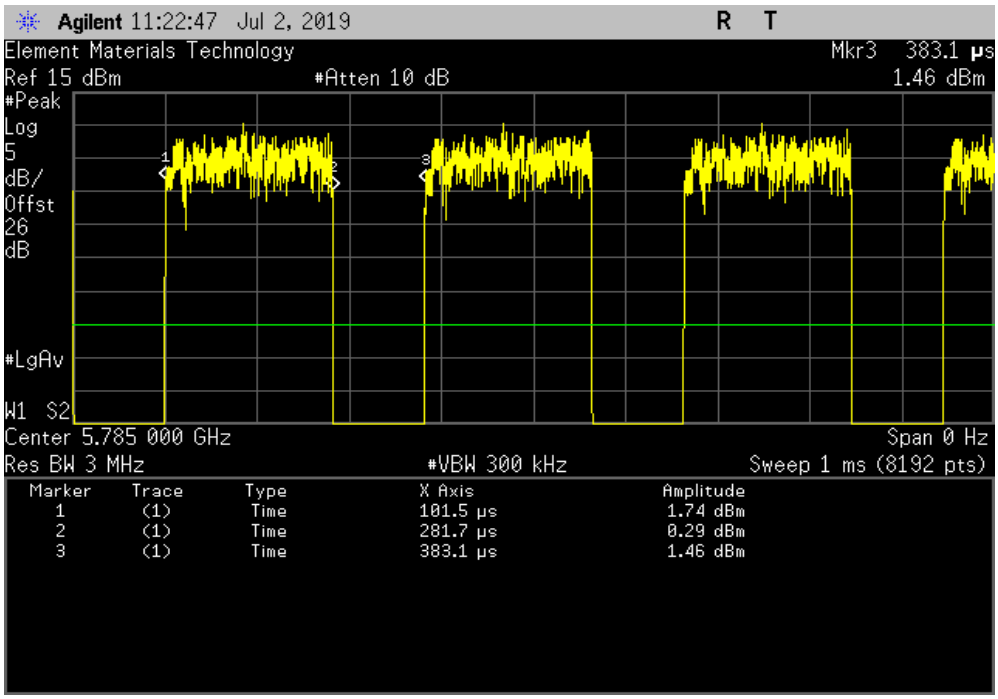


20 MHz, 802.11(a) 54 Mbps, Ch 149, Low Channel 5745 MHz						
	Pulse Width	Period	Number of Pulses	Value (%)	Limit (%)	Results
	N/A	N/A	5	N/A	N/A	N/A

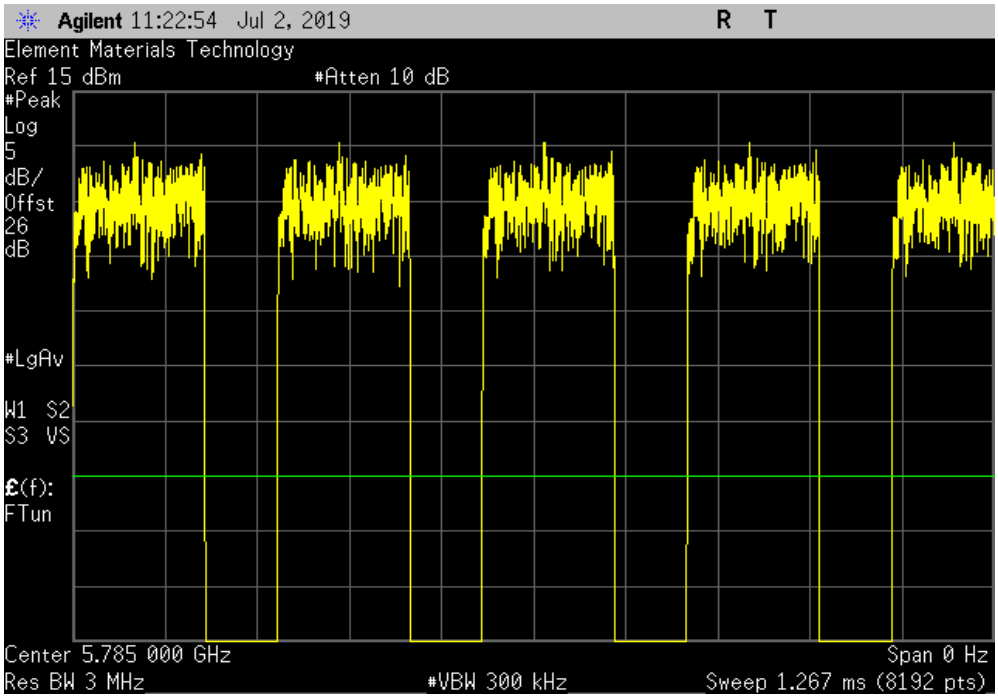


DUTY CYCLE

20 MHz, 802.11(a) 54 Mbps, Ch 157, Mid Channel 5785 MHz						
	Pulse Width	Period	Number of Pulses	Value (%)	Limit (%)	Results
	180.2 us	281.6 us	1	64	N/A	N/A

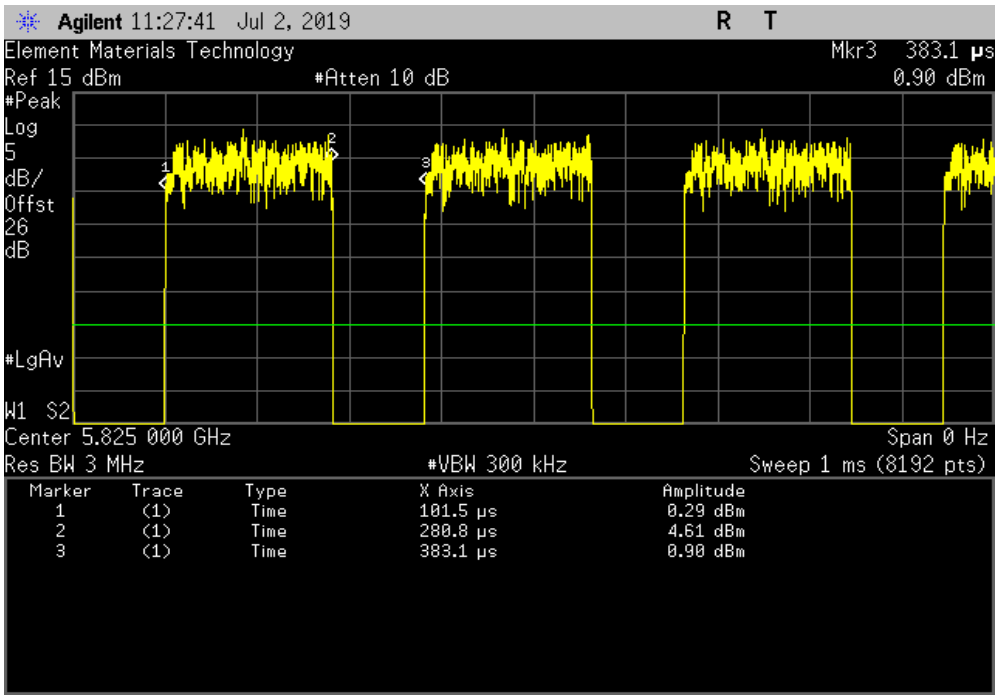


20 MHz, 802.11(a) 54 Mbps, Ch 157, Mid Channel 5785 MHz						
	Pulse Width	Period	Number of Pulses	Value (%)	Limit (%)	Results
	N/A	N/A	5	N/A	N/A	N/A

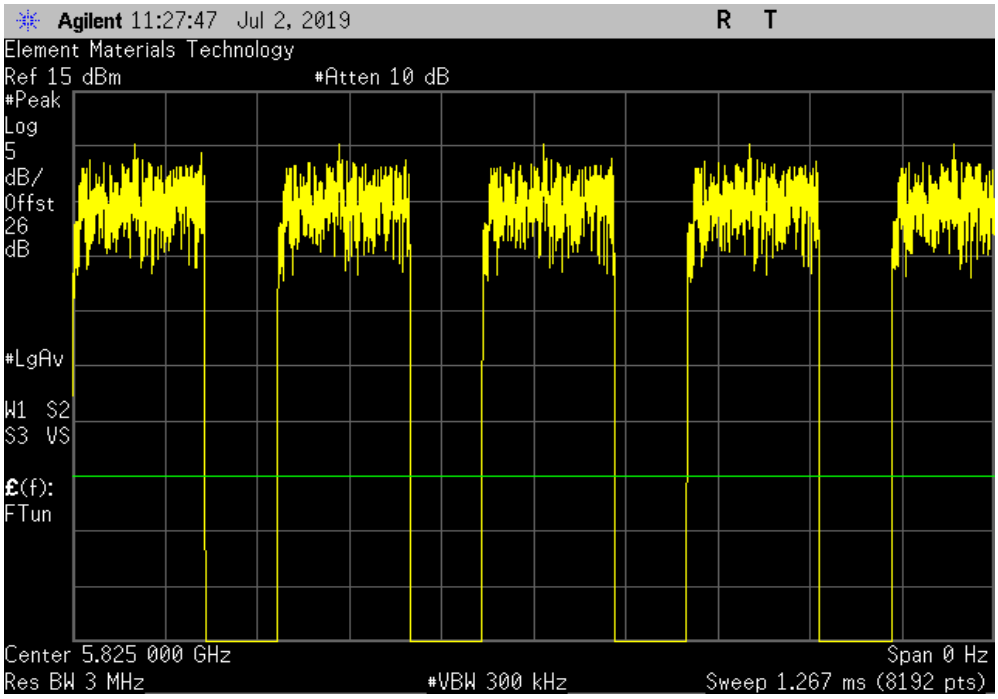


DUTY CYCLE

20 MHz, 802.11(a) 54 Mbps, Ch 165, High Channel 5825 MHz						
	Pulse Width	Period	Number of Pulses	Value (%)	Limit (%)	Results
	179.3 us	281.6 us	1	63.7	N/A	N/A

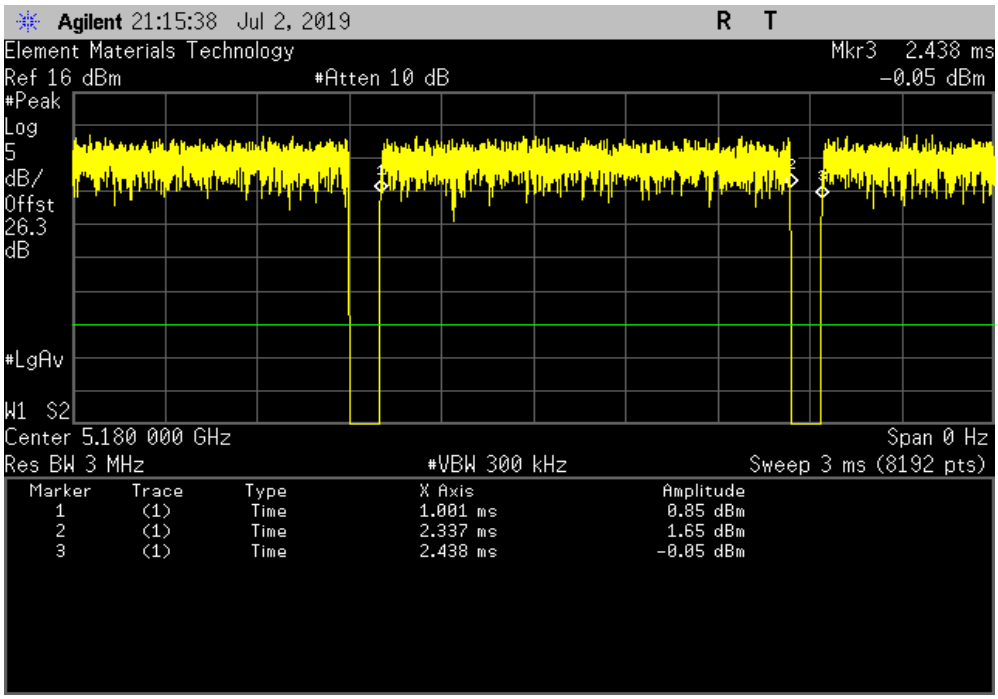


20 MHz, 802.11(a) 54 Mbps, Ch 165, High Channel 5825 MHz						
	Pulse Width	Period	Number of Pulses	Value (%)	Limit (%)	Results
	N/A	N/A	5	N/A	N/A	N/A

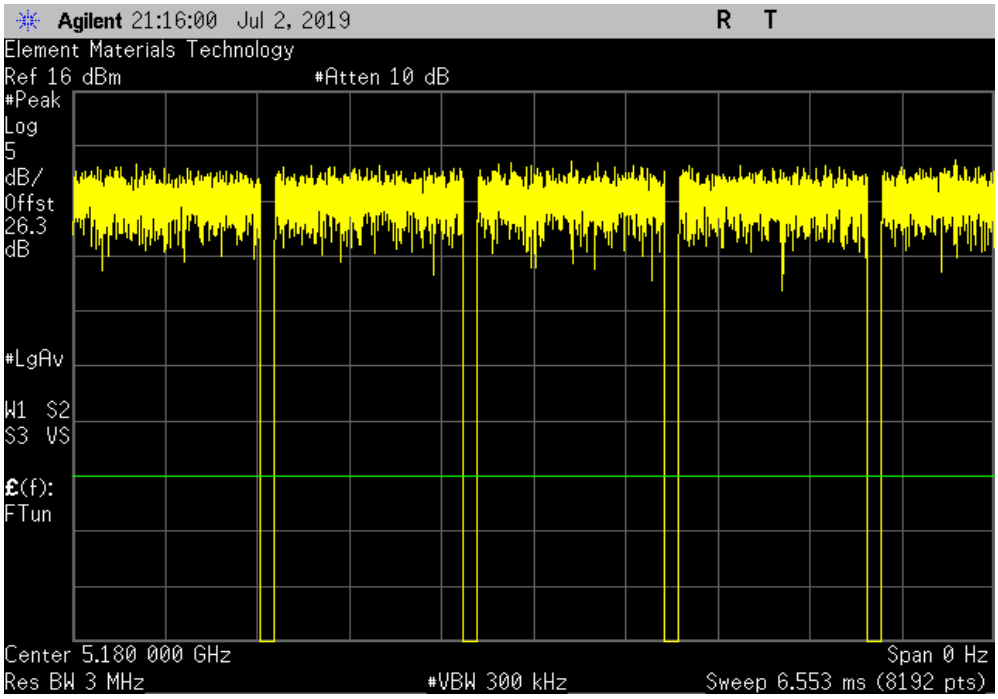


DUTY CYCLE

20 MHz, 802.11(n) MCS0, Ch 36, Low Channel 5180 MHz						
	Pulse Width	Period	Number of Pulses	Value (%)	Limit (%)	Results
	1.336 ms	1.437 ms	1	93	N/A	N/A

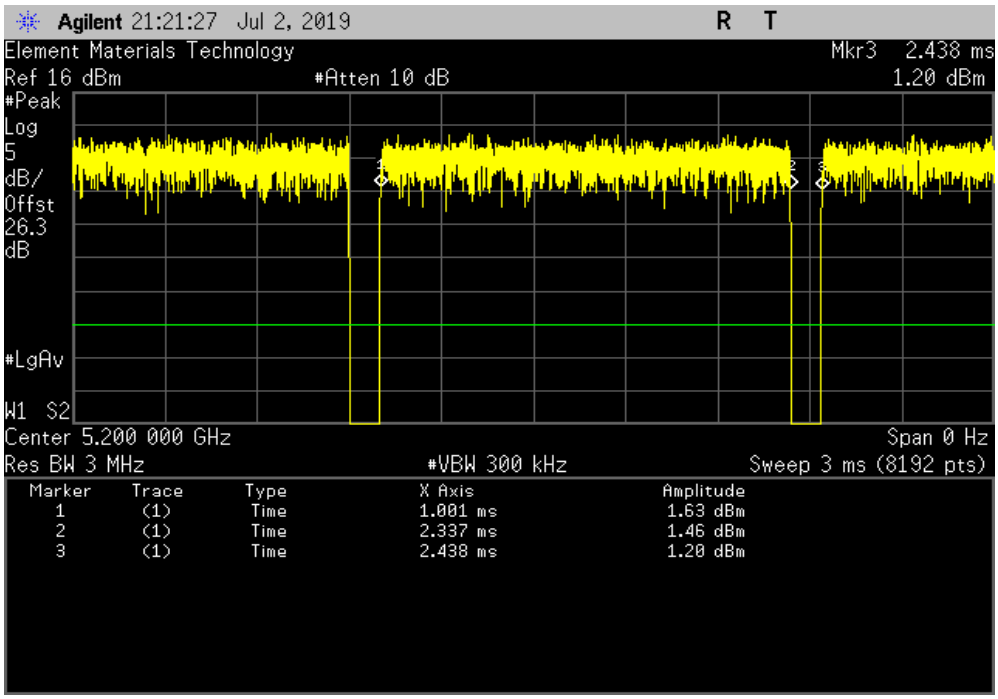


20 MHz, 802.11(n) MCS0, Ch 36, Low Channel 5180 MHz						
	Pulse Width	Period	Number of Pulses	Value (%)	Limit (%)	Results
	N/A	N/A	5	N/A	N/A	N/A

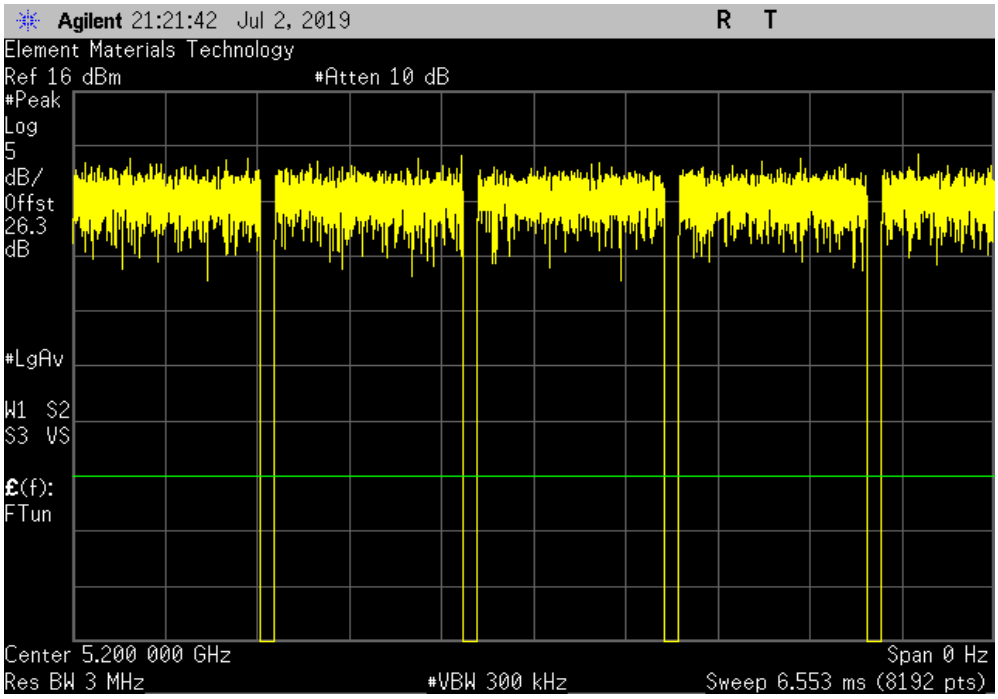


DUTY CYCLE

20 MHz, 802.11(n) MCS0, Ch 40, Mid Channel 5200 MHz						
	Pulse Width	Period	Number of Pulses	Value (%)	Limit (%)	Results
	1.336 ms	1.437 ms	1	93	N/A	N/A

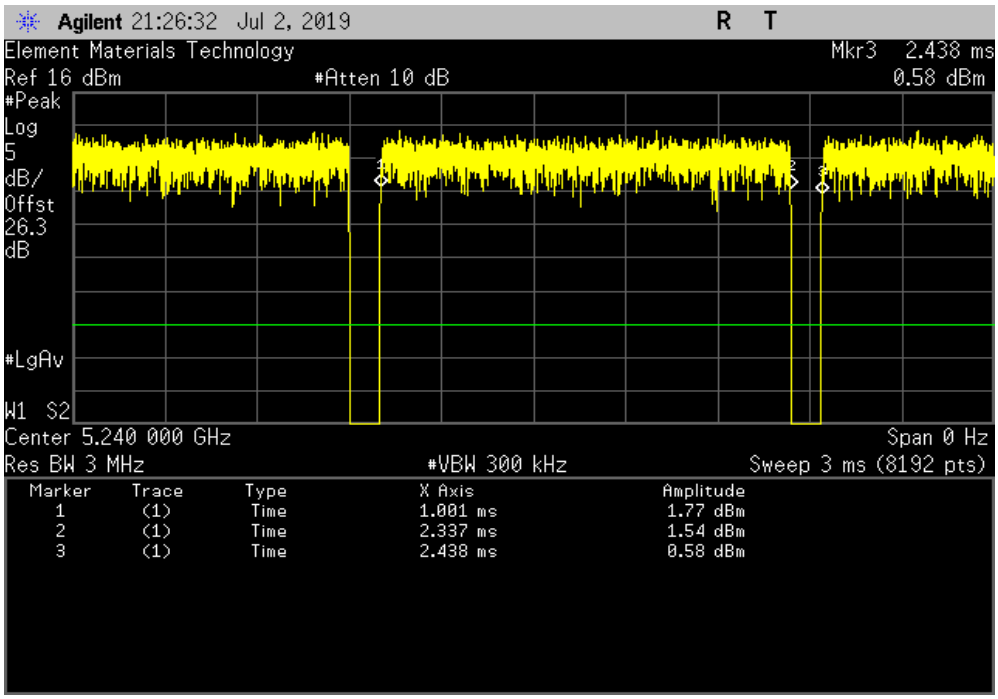


20 MHz, 802.11(n) MCS0, Ch 40, Mid Channel 5200 MHz						
	Pulse Width	Period	Number of Pulses	Value (%)	Limit (%)	Results
	N/A	N/A	5	N/A	N/A	N/A

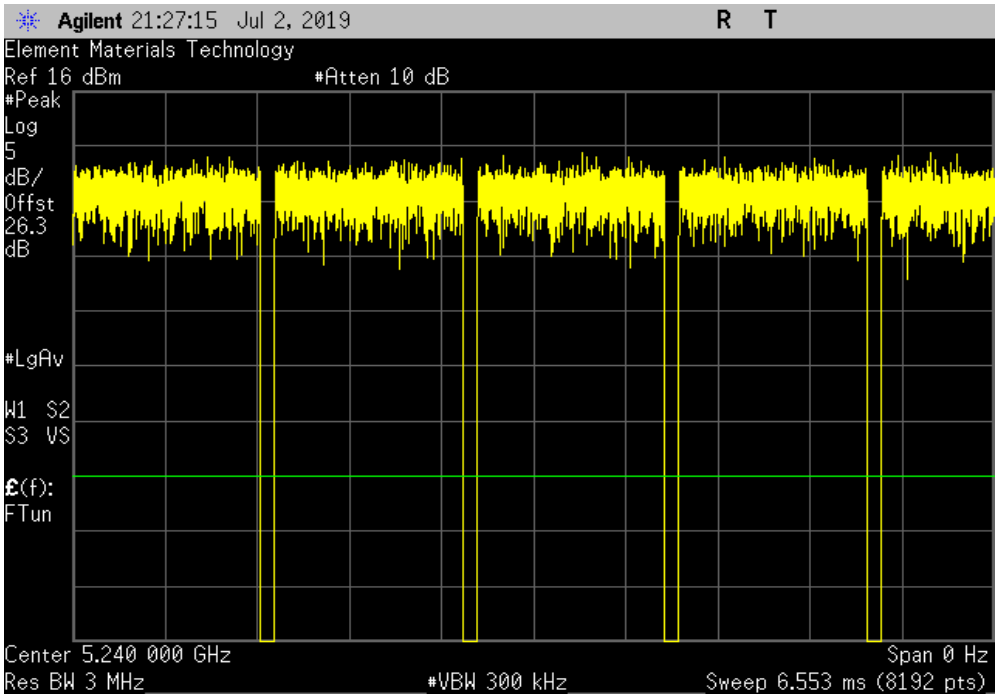


DUTY CYCLE

20 MHz, 802.11(n) MCS0, Ch 48, High Channel 5240 MHz						
	Pulse Width	Period	Number of Pulses	Value (%)	Limit (%)	Results
	1.336 ms	1.437 ms	1	93	N/A	N/A

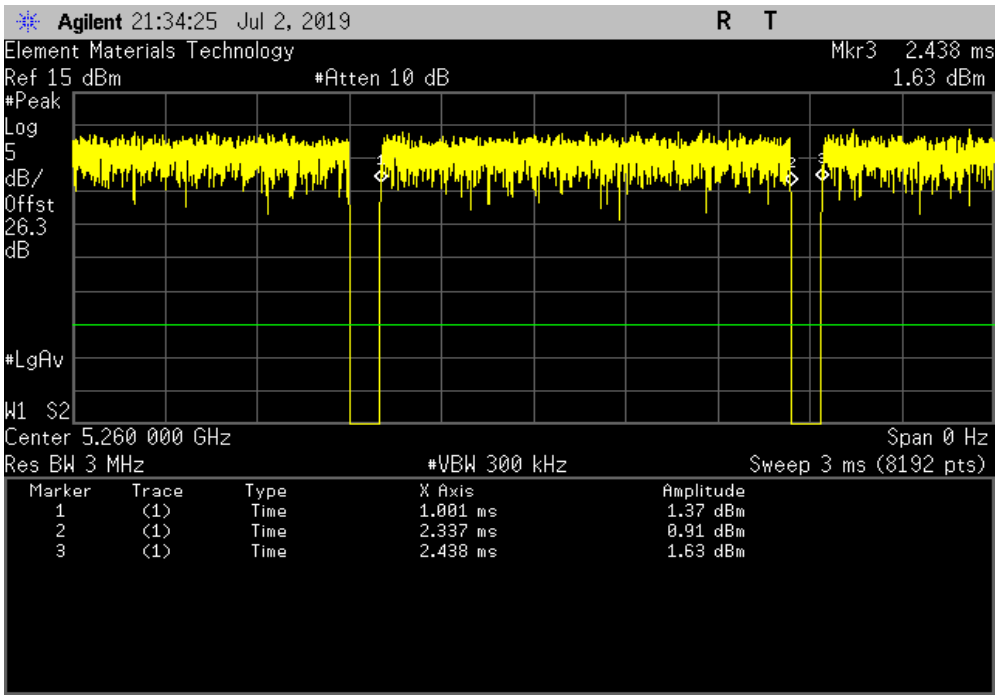


20 MHz, 802.11(n) MCS0, Ch 48, High Channel 5240 MHz						
	Pulse Width	Period	Number of Pulses	Value (%)	Limit (%)	Results
	N/A	N/A	5	N/A	N/A	N/A

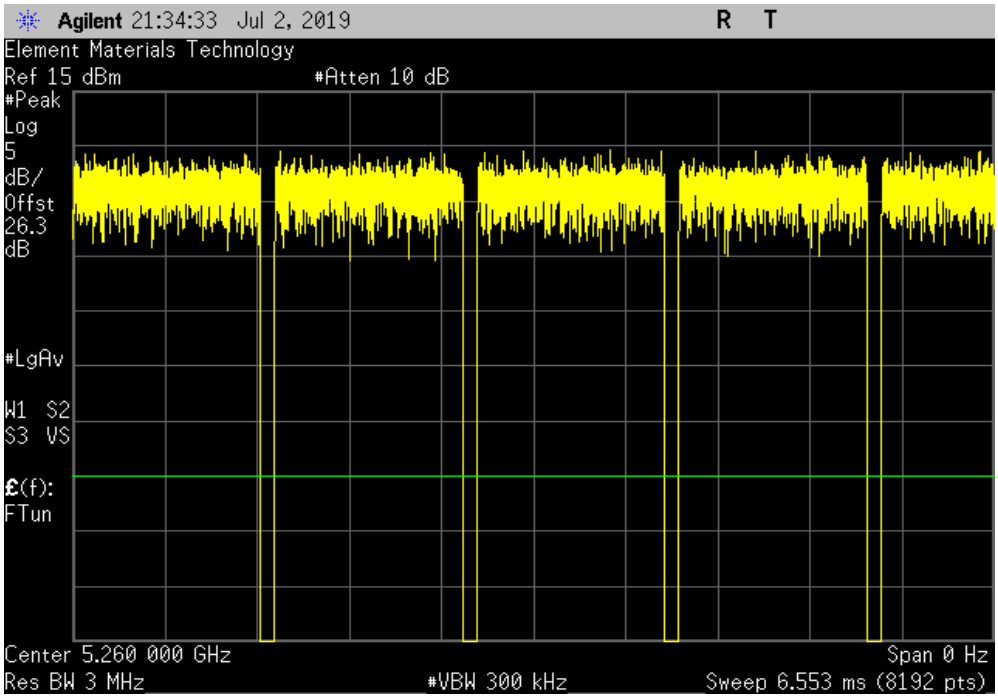


DUTY CYCLE

20 MHz, 802.11(n) MCS0, Ch 52, Low Channel 5260 MHz						
	Pulse Width	Period	Number of Pulses	Value (%)	Limit (%)	Results
	1.336 ms	1.438 ms	1	92.9	N/A	N/A

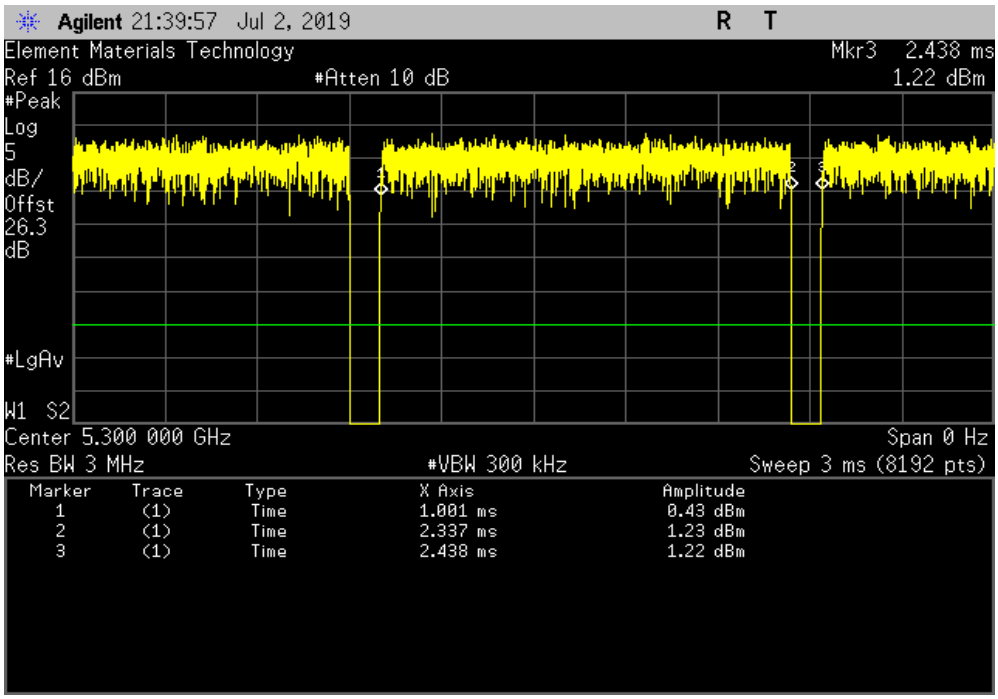


20 MHz, 802.11(n) MCS0, Ch 52, Low Channel 5260 MHz						
	Pulse Width	Period	Number of Pulses	Value (%)	Limit (%)	Results
	N/A	N/A	5	N/A	N/A	N/A

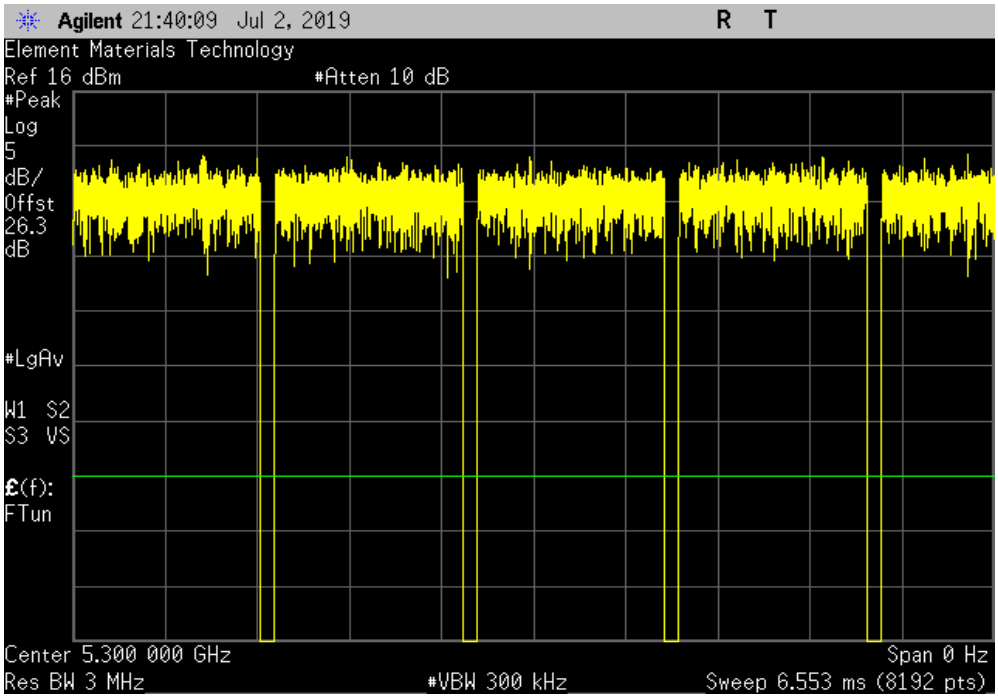


DUTY CYCLE

20 MHz, 802.11(n) MCS0, Ch 60, Mid Channel 5300 MHz						
	Pulse Width	Period	Number of Pulses	Value (%)	Limit (%)	Results
	1.336 ms	1.438 ms	1	93	N/A	N/A

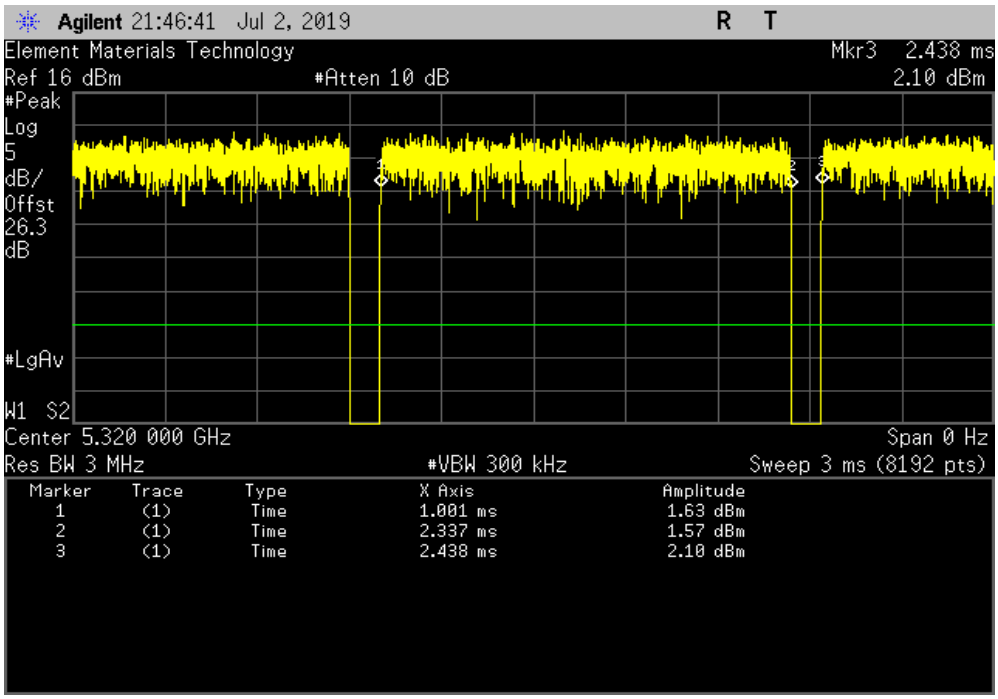


20 MHz, 802.11(n) MCS0, Ch 60, Mid Channel 5300 MHz						
	Pulse Width	Period	Number of Pulses	Value (%)	Limit (%)	Results
	N/A	N/A	5	N/A	N/A	N/A

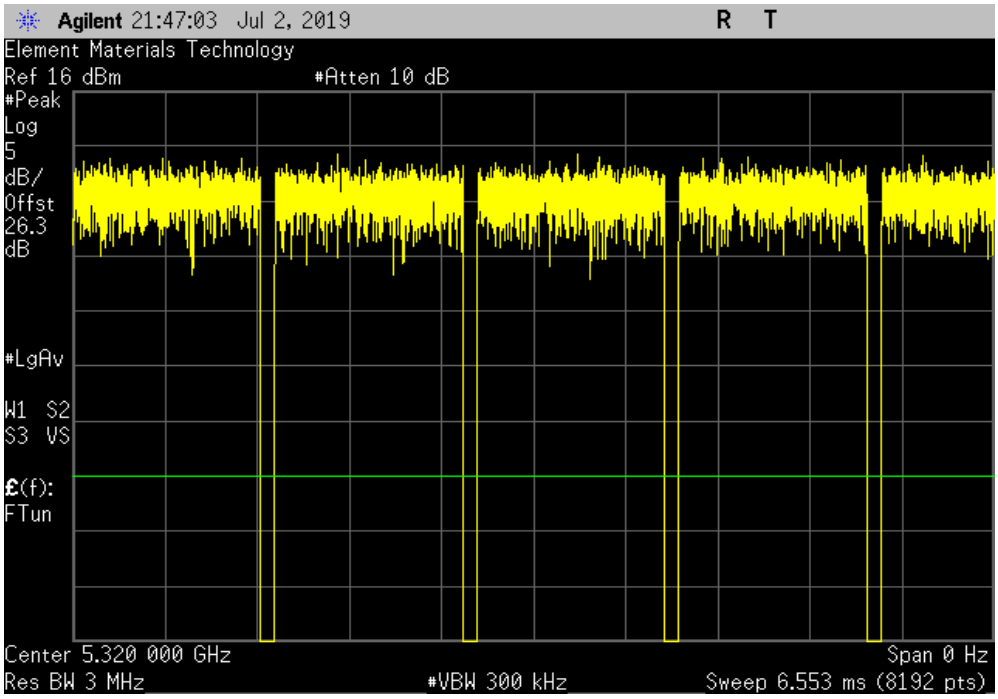


DUTY CYCLE

20 MHz, 802.11(n) MCS0, Ch 64, High Channel 5320 MHz						
	Pulse Width	Period	Number of Pulses	Value (%)	Limit (%)	Results
	1.336 ms	1.438 ms	1	93	N/A	N/A

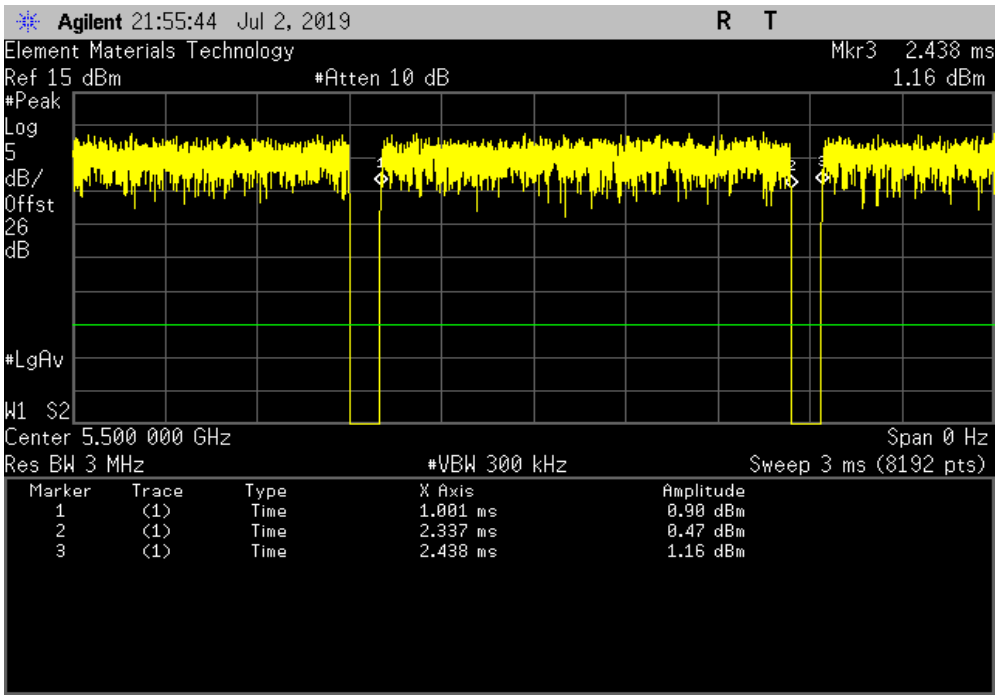


20 MHz, 802.11(n) MCS0, Ch 64, High Channel 5320 MHz						
	Pulse Width	Period	Number of Pulses	Value (%)	Limit (%)	Results
	N/A	N/A	5	N/A	N/A	N/A

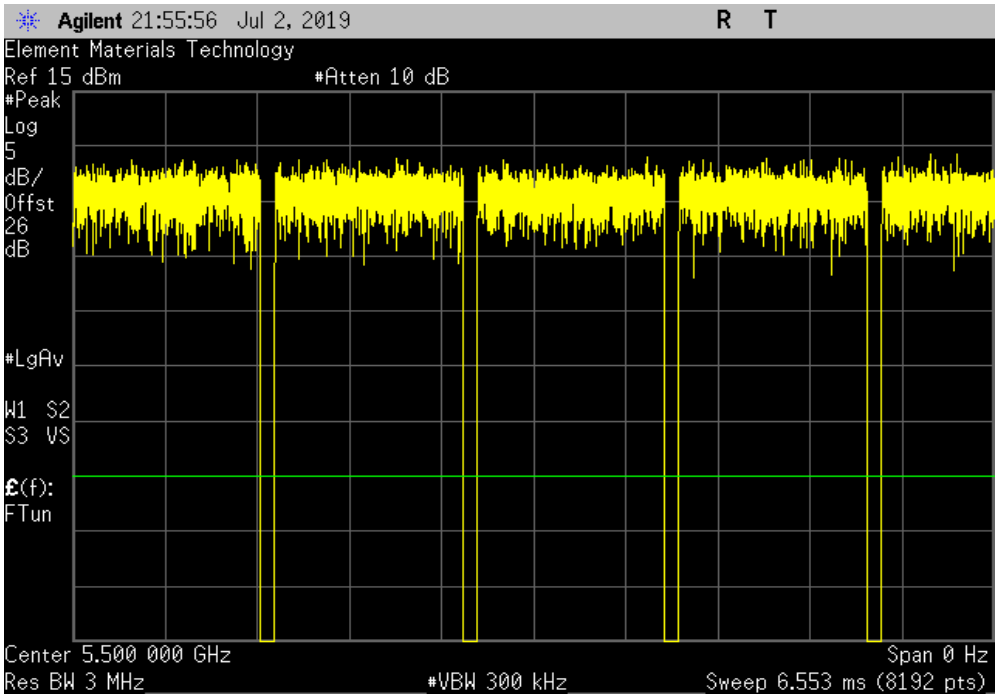


DUTY CYCLE

20 MHz, 802.11(n) MCS0, Ch 100, Low Channel 5500 MHz						
	Pulse Width	Period	Number of Pulses	Value (%)	Limit (%)	Results
	1.336 ms	1.437 ms	1	93	N/A	N/A

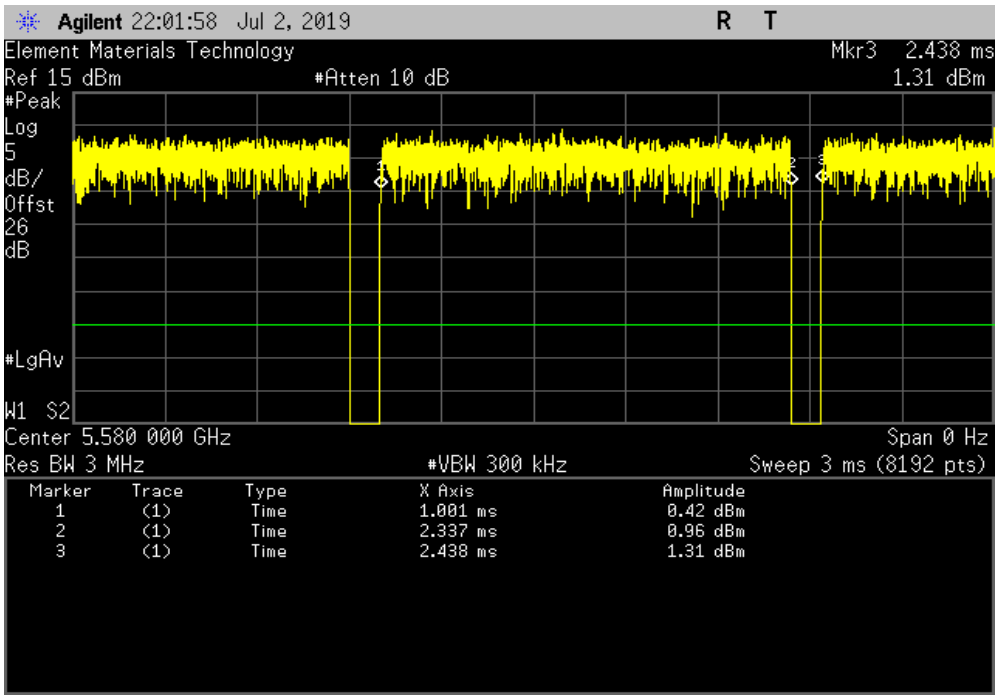


20 MHz, 802.11(n) MCS0, Ch 100, Low Channel 5500 MHz						
	Pulse Width	Period	Number of Pulses	Value (%)	Limit (%)	Results
	N/A	N/A	5	N/A	N/A	N/A

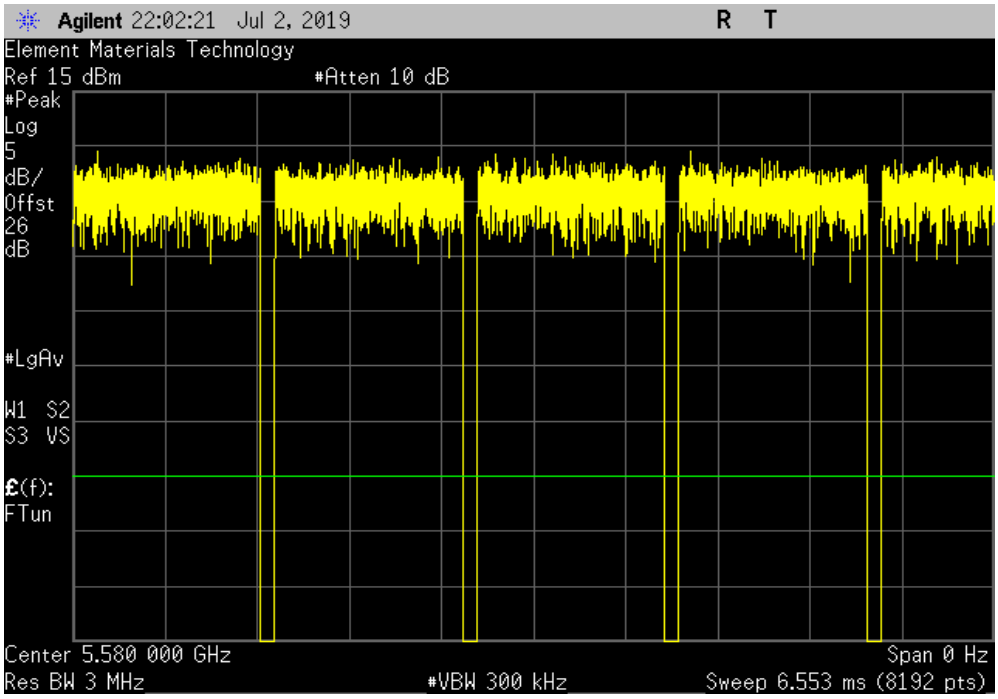


DUTY CYCLE

20 MHz, 802.11(n) MCS0, Ch 116, Mid Channel 5580 MHz						
	Pulse Width	Period	Number of Pulses	Value (%)	Limit (%)	Results
	1.336 ms	1.438 ms	1	93	N/A	N/A

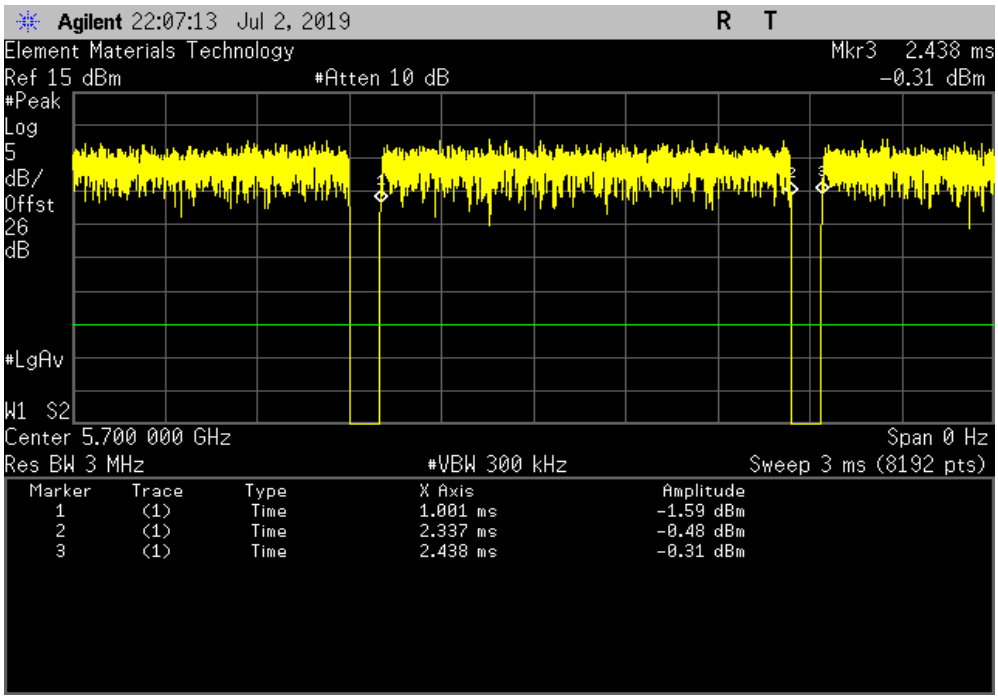


20 MHz, 802.11(n) MCS0, Ch 116, Mid Channel 5580 MHz						
	Pulse Width	Period	Number of Pulses	Value (%)	Limit (%)	Results
	N/A	N/A	5	N/A	N/A	N/A

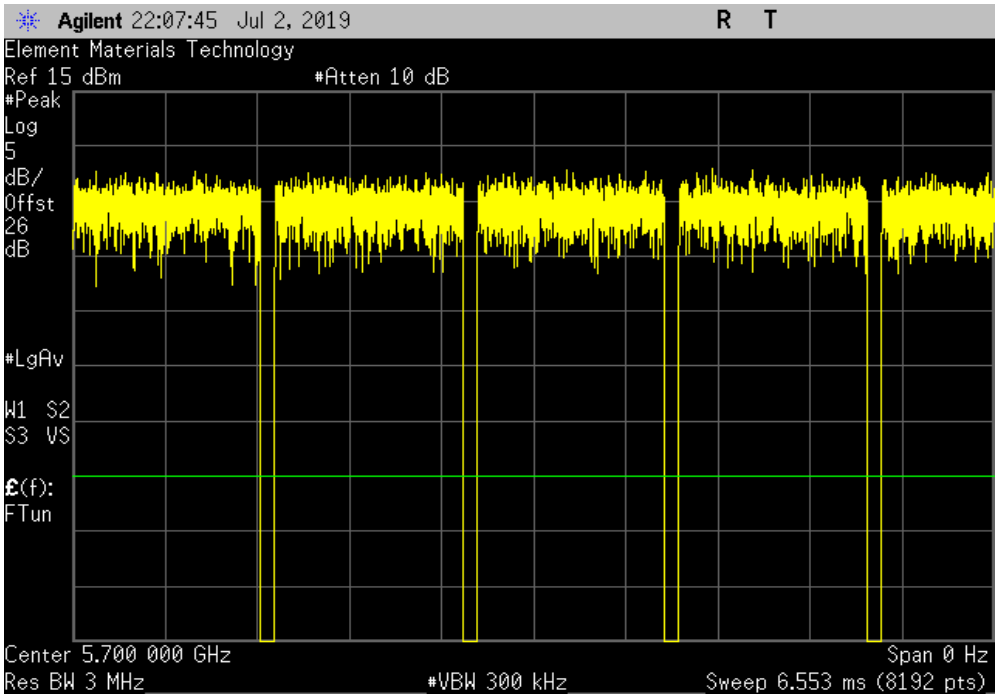


DUTY CYCLE

20 MHz, 802.11(n) MCS0, Ch 140, High Channel 5700 MHz						
	Pulse Width	Period	Number of Pulses	Value (%)	Limit (%)	Results
	1.336 ms	1.438 ms	1	93	N/A	N/A

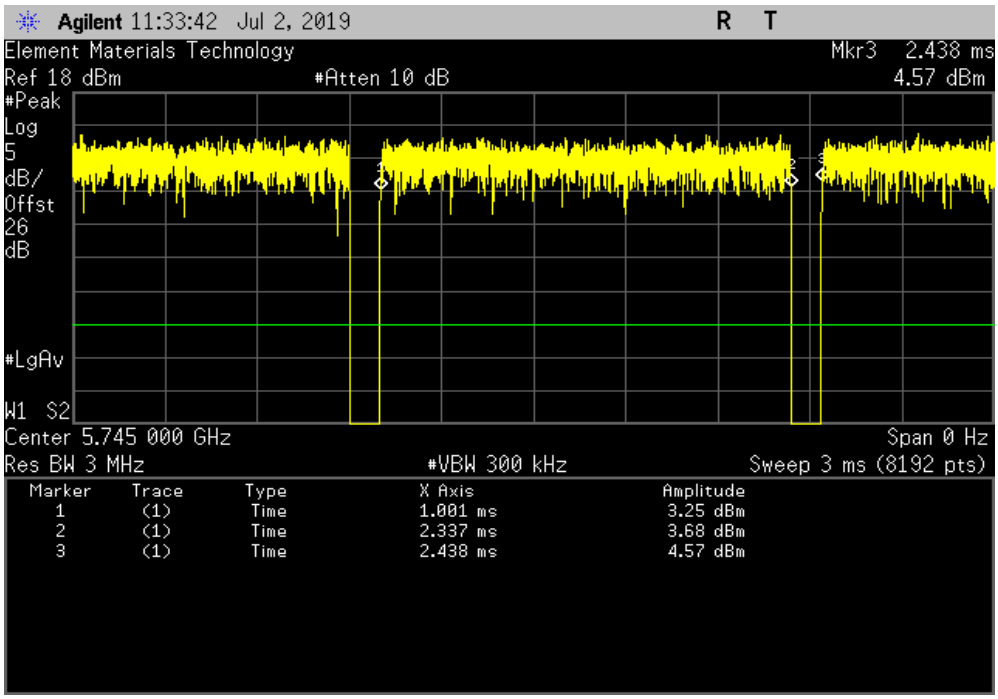


20 MHz, 802.11(n) MCS0, Ch 140, High Channel 5700 MHz						
	Pulse Width	Period	Number of Pulses	Value (%)	Limit (%)	Results
	N/A	N/A	5	N/A	N/A	N/A

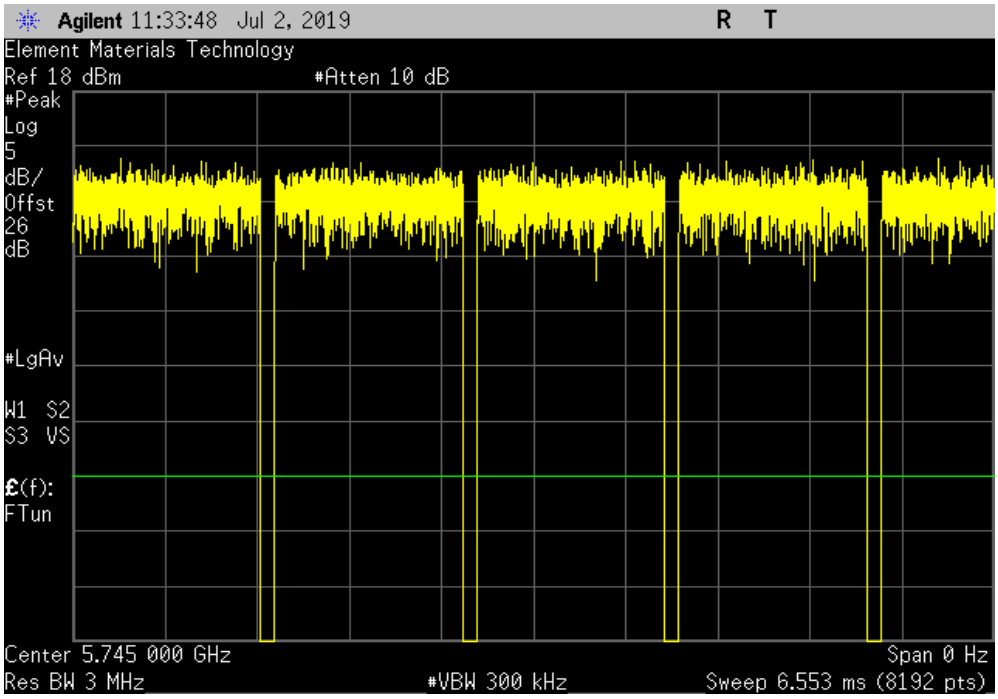


DUTY CYCLE

20 MHz, 802.11(n) MCS0, Ch 149, Low Channel 5745 MHz						
	Pulse Width	Period	Number of Pulses	Value (%)	Limit (%)	Results
	1.336 ms	1.438 ms	1	93	N/A	N/A

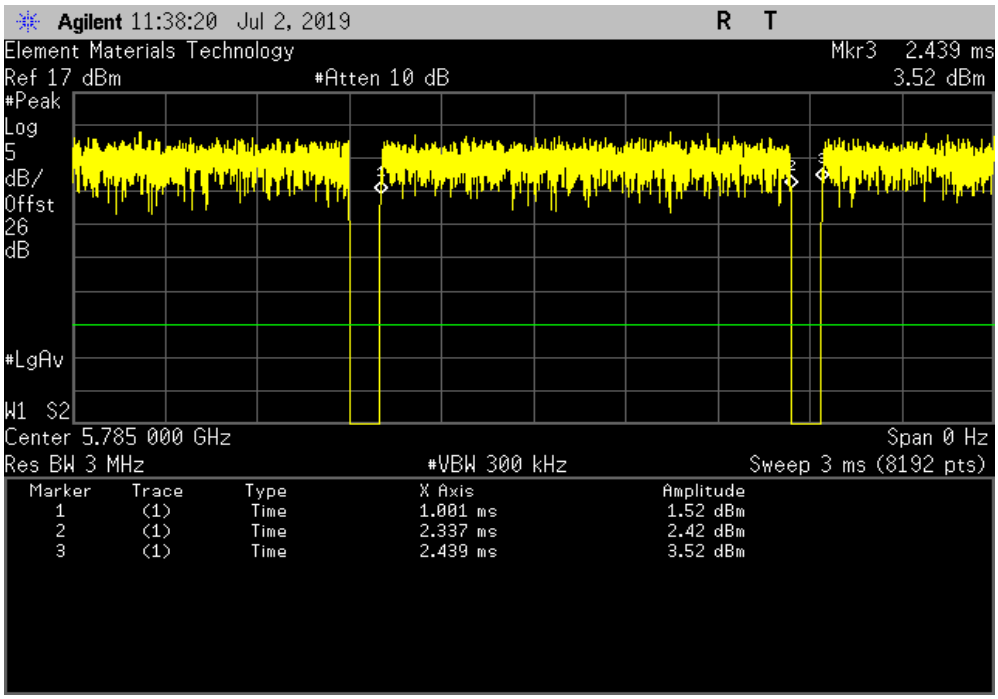


20 MHz, 802.11(n) MCS0, Ch 149, Low Channel 5745 MHz						
	Pulse Width	Period	Number of Pulses	Value (%)	Limit (%)	Results
	N/A	N/A	5	N/A	N/A	N/A

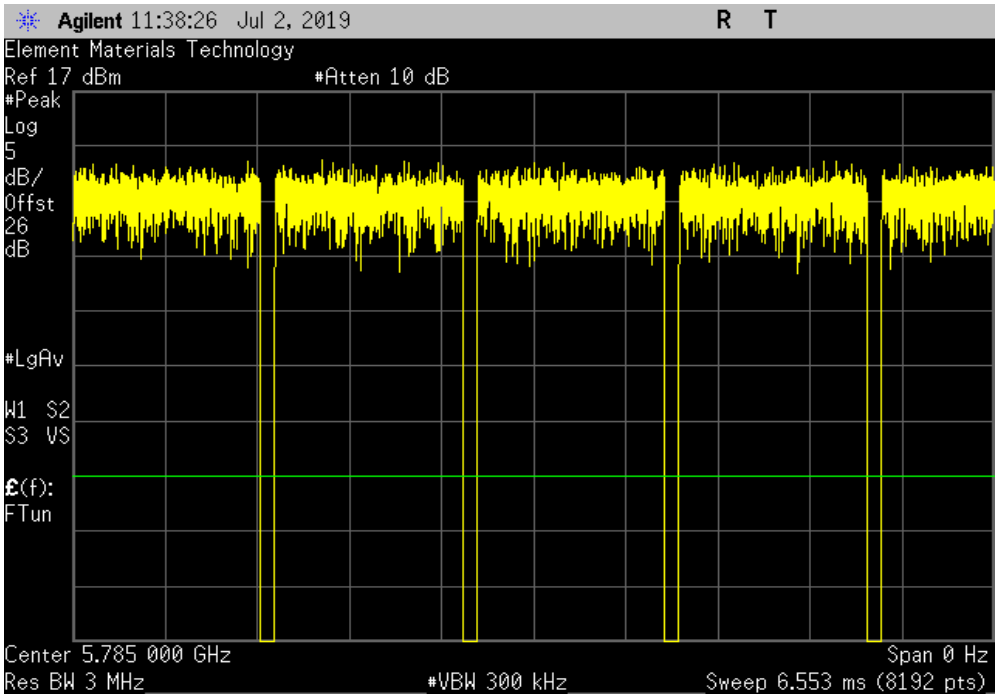


DUTY CYCLE

20 MHz, 802.11(n) MCS0, Ch 157, Mid Channel 5785 MHz						
	Pulse Width	Period	Number of Pulses	Value (%)	Limit (%)	Results
	1.336 ms	1.438 ms	1	92.9	N/A	N/A

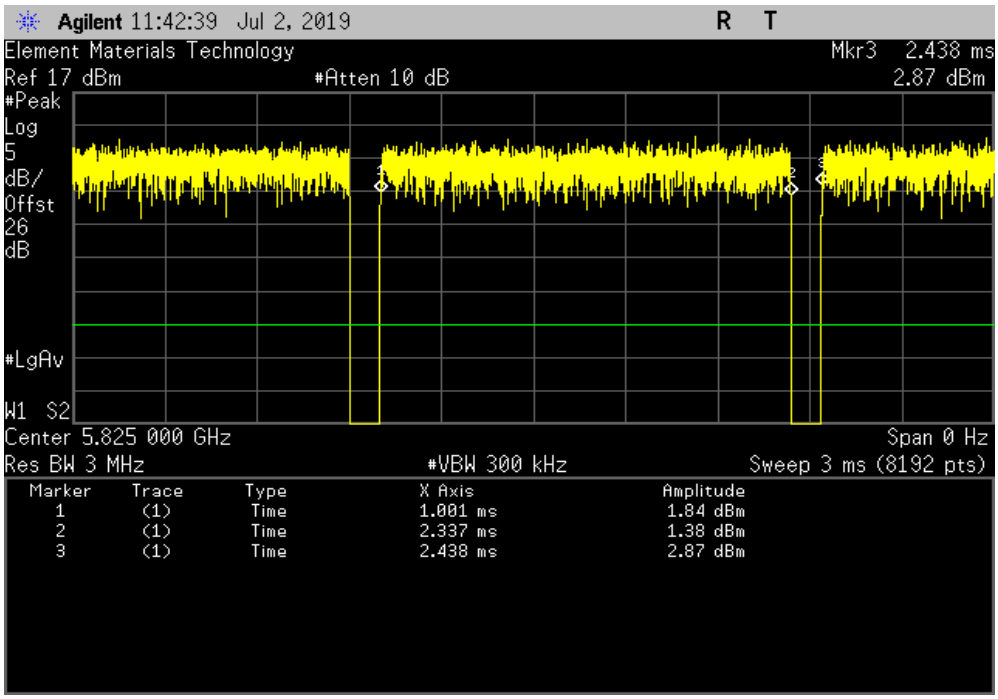


20 MHz, 802.11(n) MCS0, Ch 157, Mid Channel 5785 MHz						
	Pulse Width	Period	Number of Pulses	Value (%)	Limit (%)	Results
	N/A	N/A	5	N/A	N/A	N/A

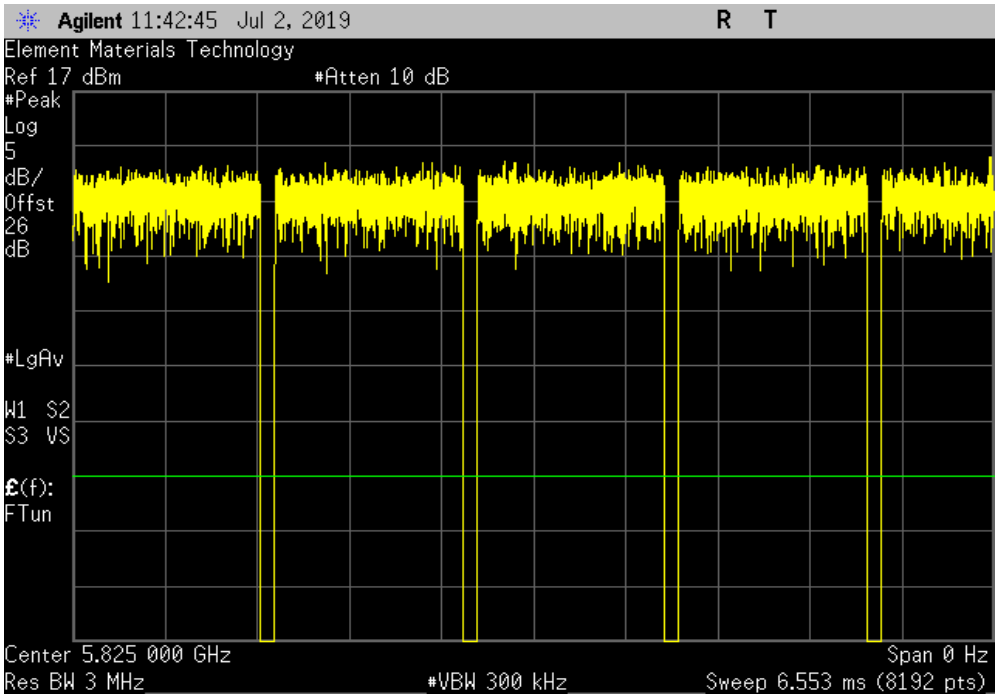


DUTY CYCLE

20 MHz, 802.11(n) MCS0, Ch 165, High Channel 5825 MHz						
	Pulse Width	Period	Number of Pulses	Value (%)	Limit (%)	Results
	1.336 ms	1.438 ms	1	93	N/A	N/A

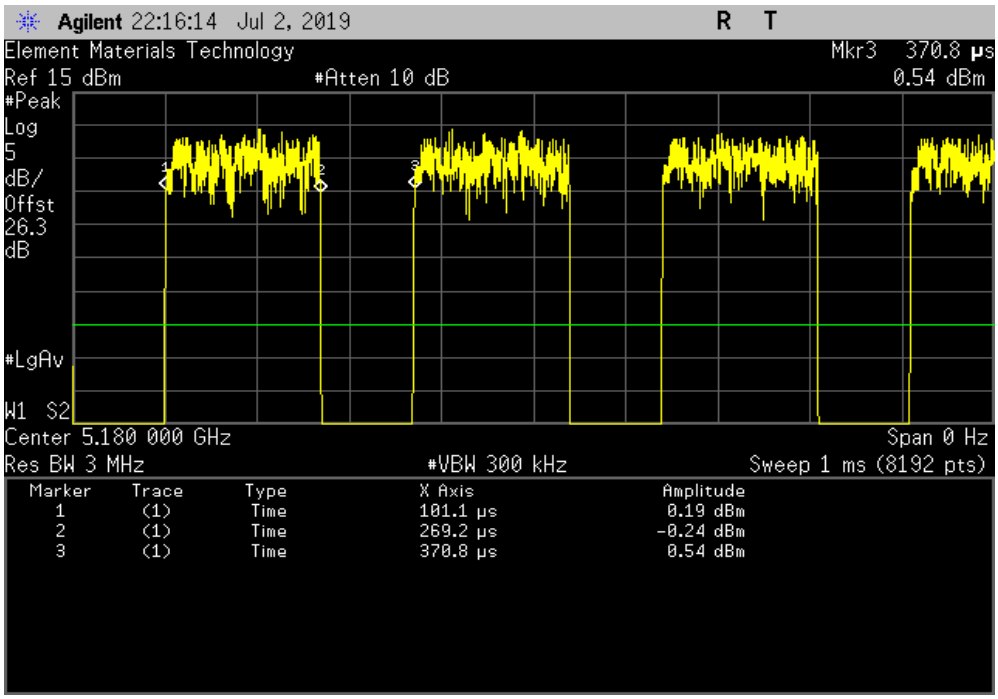


20 MHz, 802.11(n) MCS0, Ch 165, High Channel 5825 MHz						
	Pulse Width	Period	Number of Pulses	Value (%)	Limit (%)	Results
	N/A	N/A	5	N/A	N/A	N/A

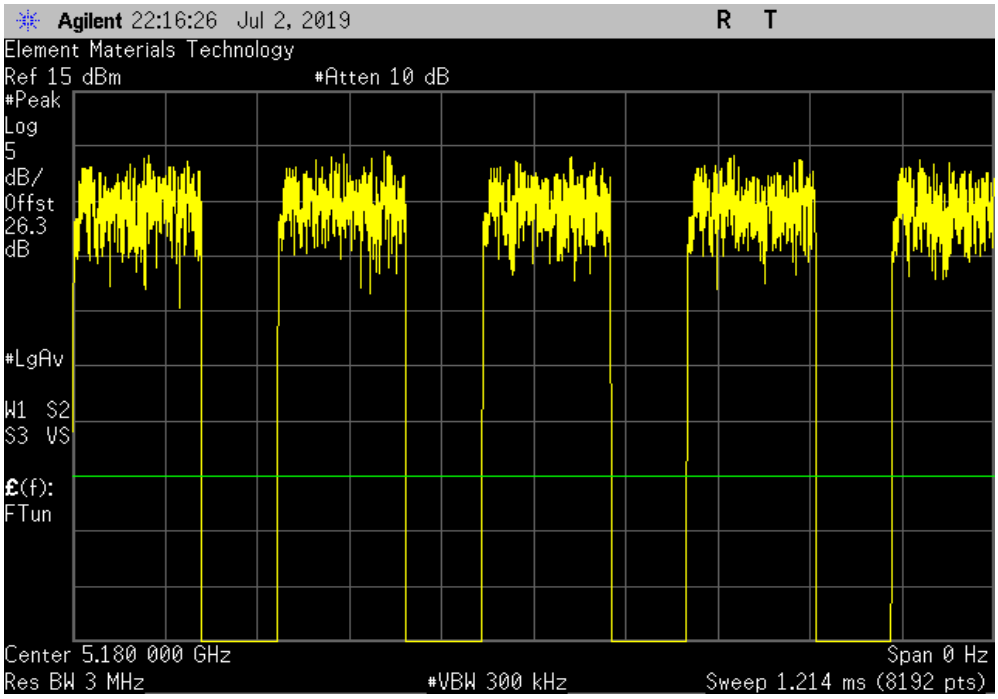


DUTY CYCLE

20 MHz, 802.11(n) MCS7, Ch 36, Low Channel 5180 MHz						
	Pulse Width	Period	Number of Pulses	Value (%)	Limit (%)	Results
	168.1 us	269.7 us	1	62.3	N/A	N/A

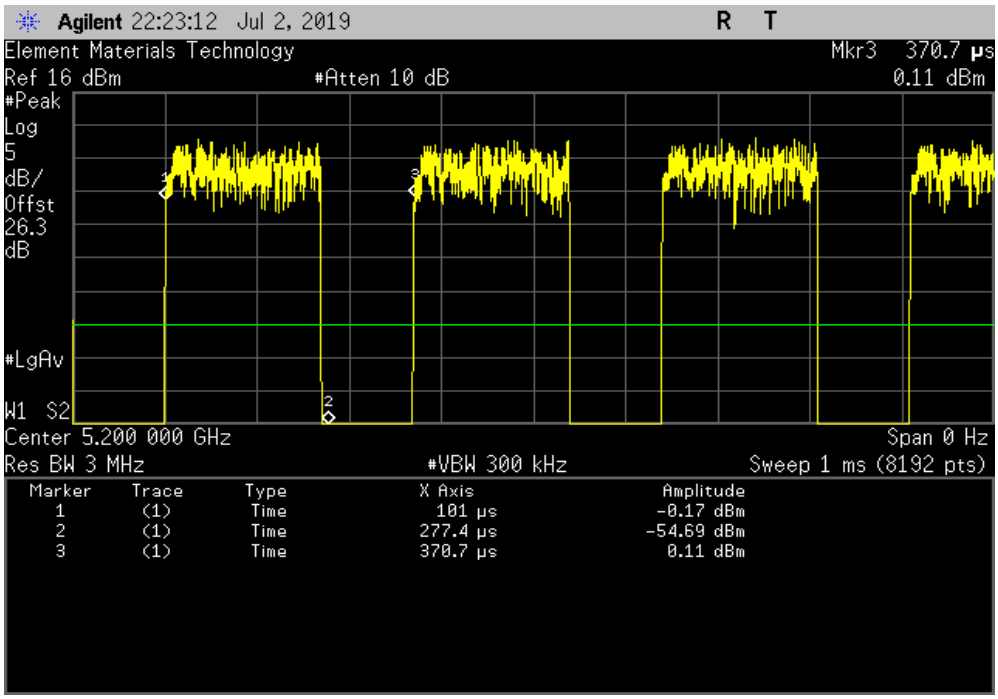


20 MHz, 802.11(n) MCS7, Ch 36, Low Channel 5180 MHz						
	Pulse Width	Period	Number of Pulses	Value (%)	Limit (%)	Results
	N/A	N/A	5	N/A	N/A	N/A

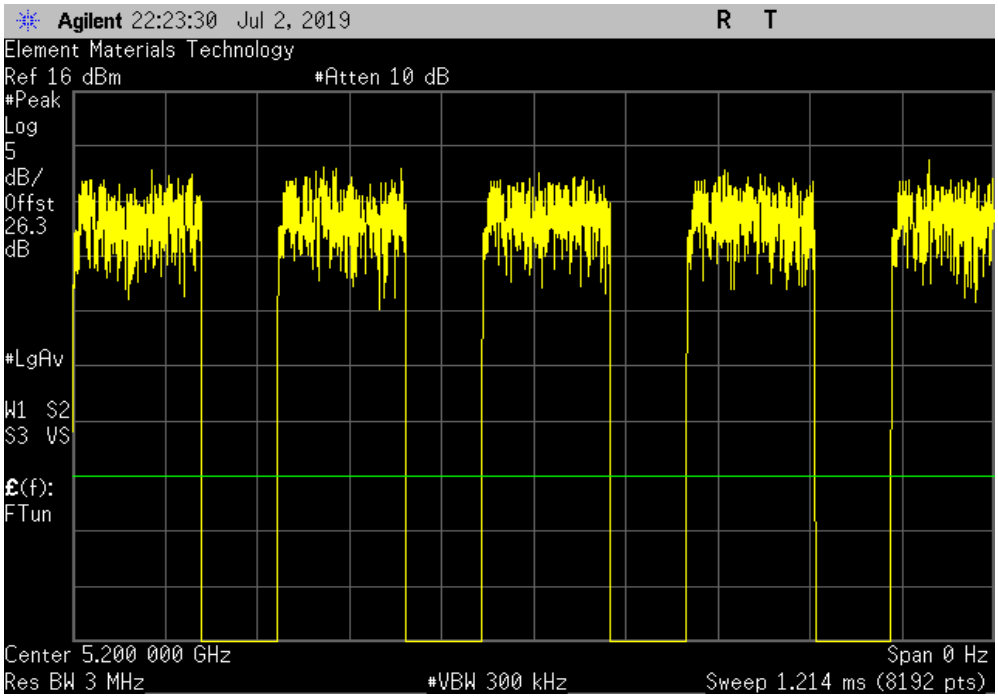


DUTY CYCLE

20 MHz, 802.11(n) MCS7, Ch 40, Mid Channel 5200 MHz						
	Pulse Width	Period	Number of Pulses	Value (%)	Limit (%)	Results
	176.4 us	269.7 us	1	65.4	N/A	N/A

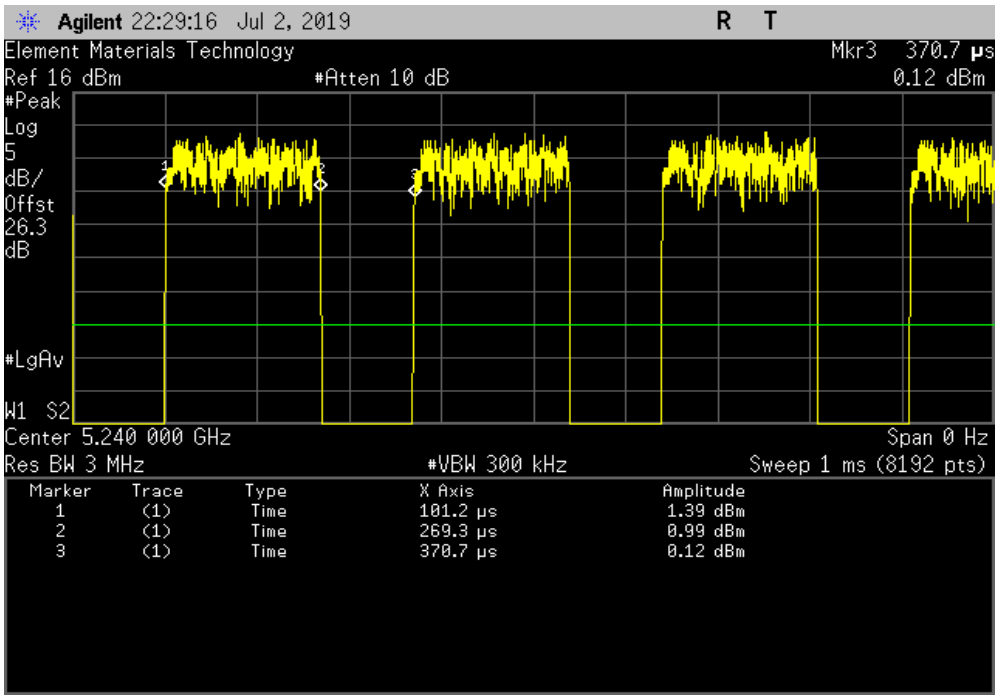


20 MHz, 802.11(n) MCS7, Ch 40, Mid Channel 5200 MHz						
	Pulse Width	Period	Number of Pulses	Value (%)	Limit (%)	Results
	N/A	N/A	5	N/A	N/A	N/A

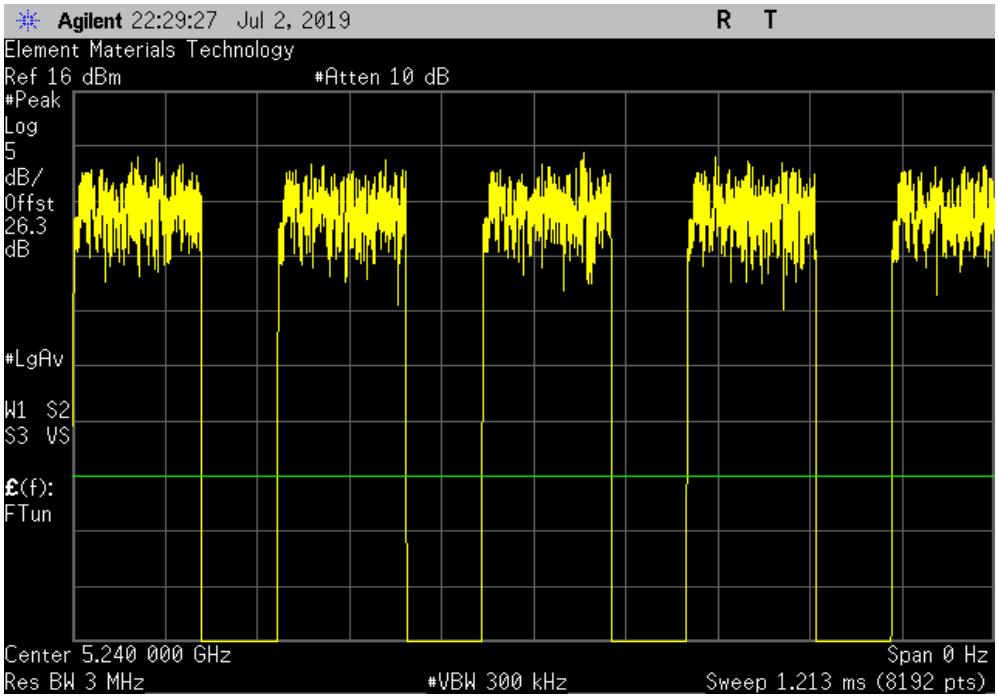


DUTY CYCLE

20 MHz, 802.11(n) MCS7, Ch 48, High Channel 5240 MHz						
	Pulse Width	Period	Number of Pulses	Value (%)	Limit (%)	Results
	168.1 us	269.5 us	1	62.4	N/A	N/A

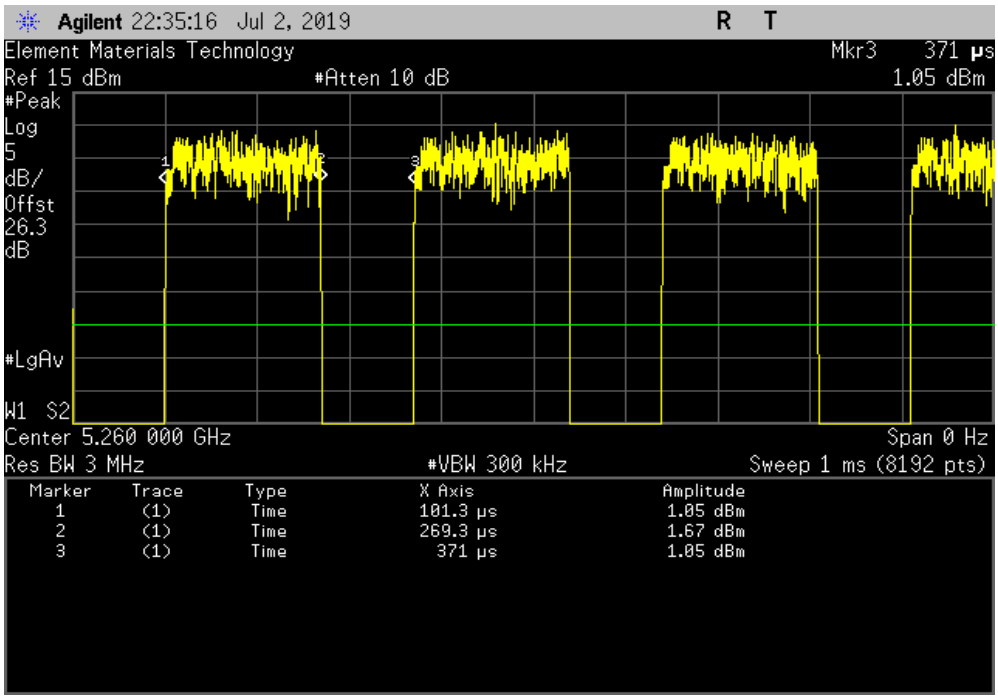


20 MHz, 802.11(n) MCS7, Ch 48, High Channel 5240 MHz						
	Pulse Width	Period	Number of Pulses	Value (%)	Limit (%)	Results
	N/A	N/A	5	N/A	N/A	N/A

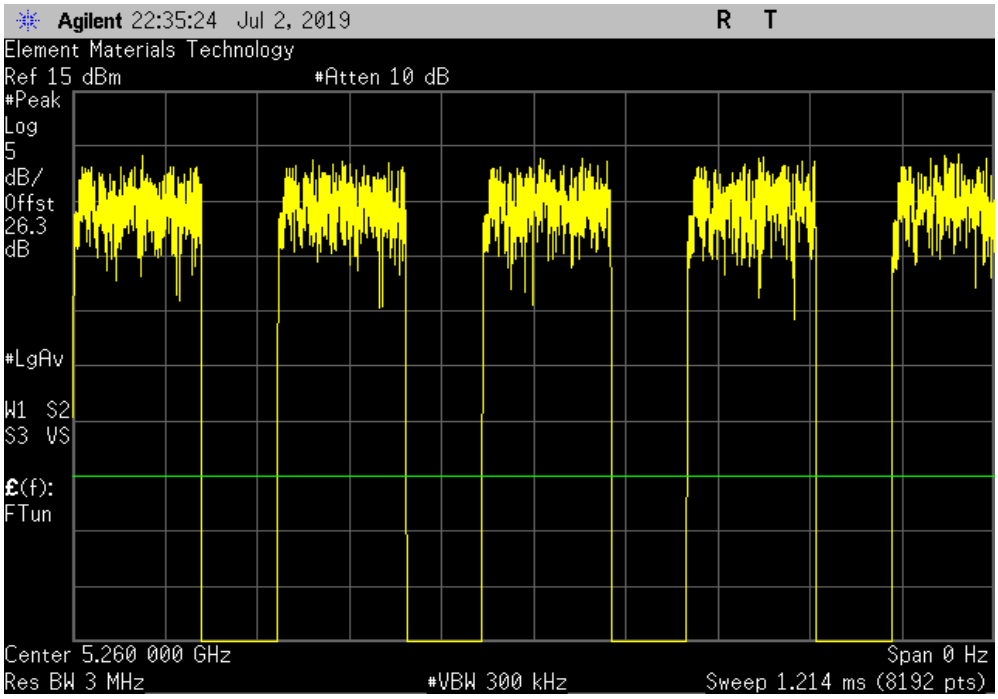


DUTY CYCLE

20 MHz, 802.11(n) MCS7, Ch 52, Low Channel 5260 MHz						
	Pulse Width	Period	Number of Pulses	Value (%)	Limit (%)	Results
	168 us	269.7 us	1	62.3	N/A	N/A

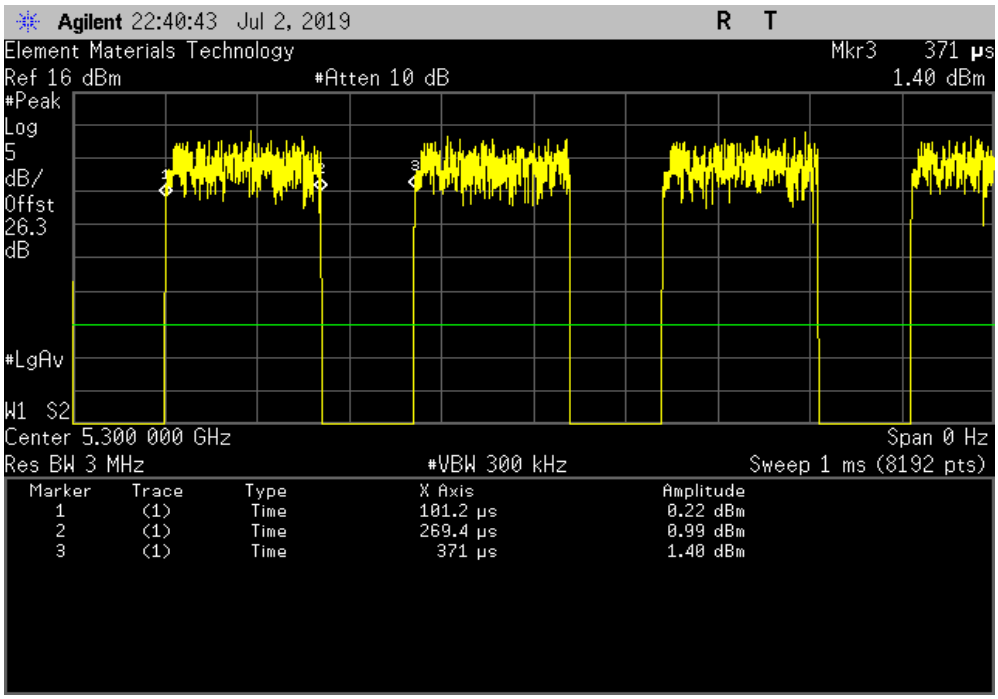


20 MHz, 802.11(n) MCS7, Ch 52, Low Channel 5260 MHz						
	Pulse Width	Period	Number of Pulses	Value (%)	Limit (%)	Results
	N/A	N/A	5	N/A	N/A	N/A

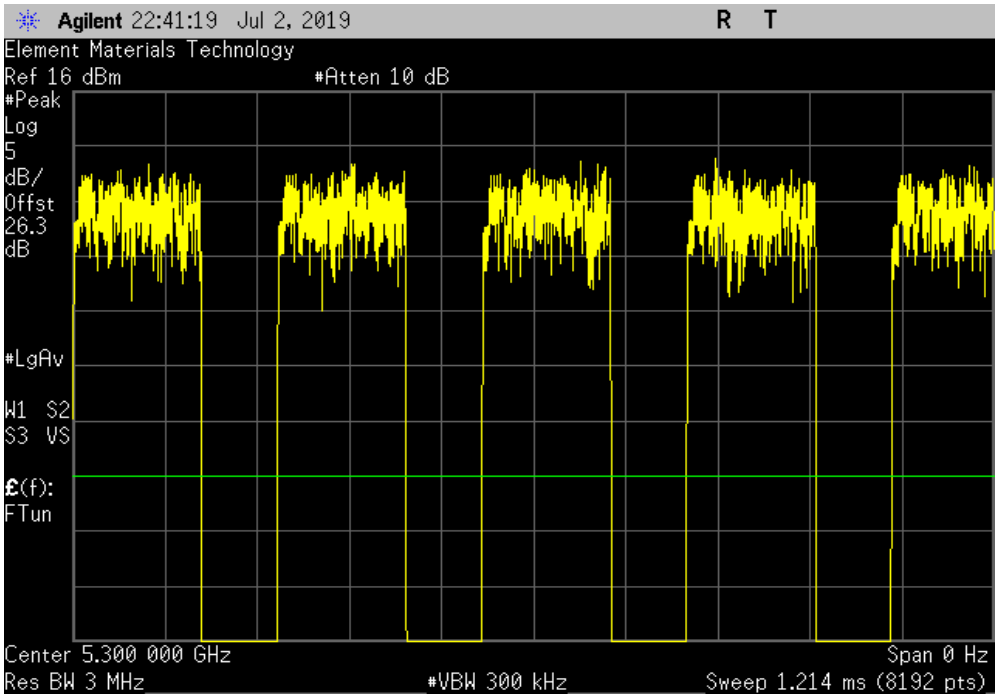


DUTY CYCLE

20 MHz, 802.11(n) MCS7, Ch 60, Mid Channel 5300 MHz						
	Pulse Width	Period	Number of Pulses	Value (%)	Limit (%)	Results
	168.2 us	269.8 us	1	62.3	N/A	N/A

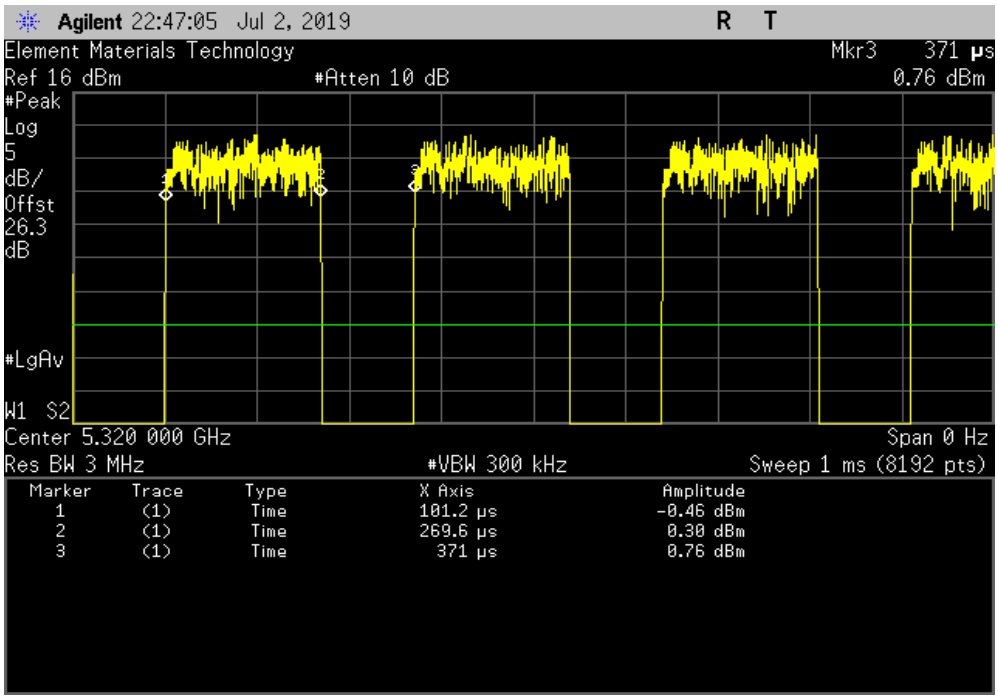


20 MHz, 802.11(n) MCS7, Ch 60, Mid Channel 5300 MHz						
	Pulse Width	Period	Number of Pulses	Value (%)	Limit (%)	Results
	N/A	N/A	5	N/A	N/A	N/A

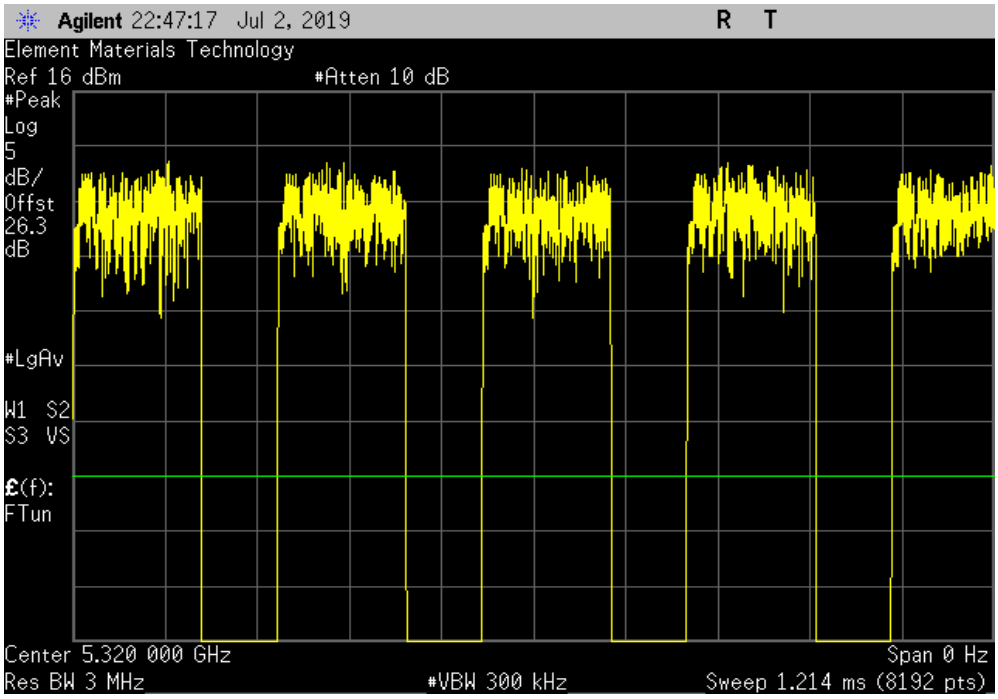


DUTY CYCLE

20 MHz, 802.11(n) MCS7, Ch 64, High Channel 5320 MHz						
	Pulse Width	Period	Number of Pulses	Value (%)	Limit (%)	Results
	168.4 us	269.8 us	1	62.4	N/A	N/A

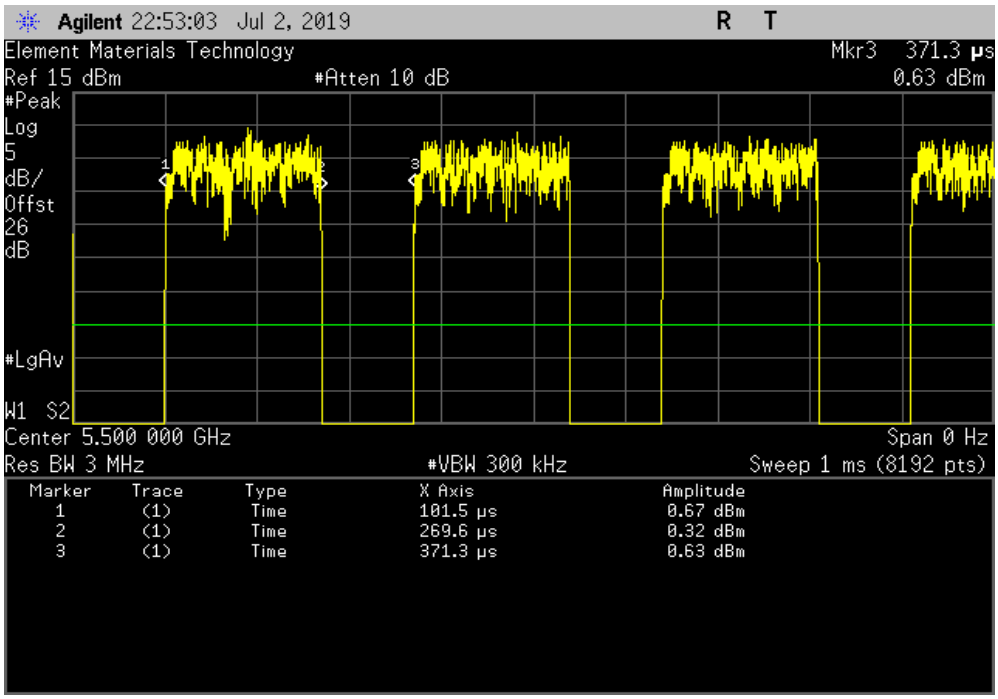


20 MHz, 802.11(n) MCS7, Ch 64, High Channel 5320 MHz						
	Pulse Width	Period	Number of Pulses	Value (%)	Limit (%)	Results
	N/A	N/A	5	N/A	N/A	N/A

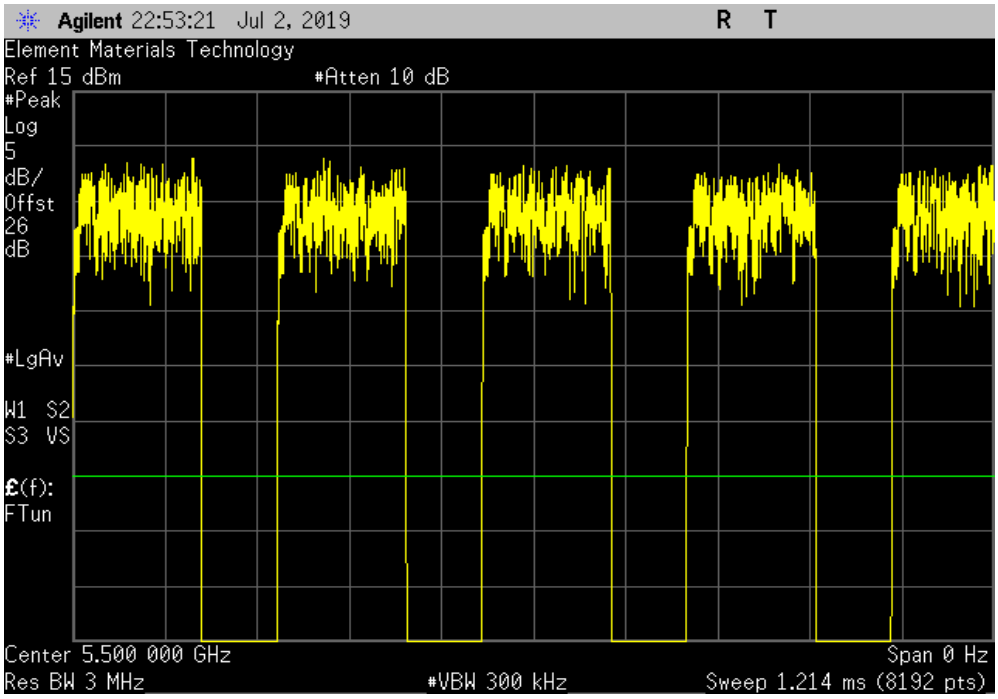


DUTY CYCLE

20 MHz, 802.11(n) MCS7, Ch 100, Low Channel 5500 MHz						
	Pulse Width	Period	Number of Pulses	Value (%)	Limit (%)	Results
	168.1 us	269.8 us	1	62.3	N/A	N/A

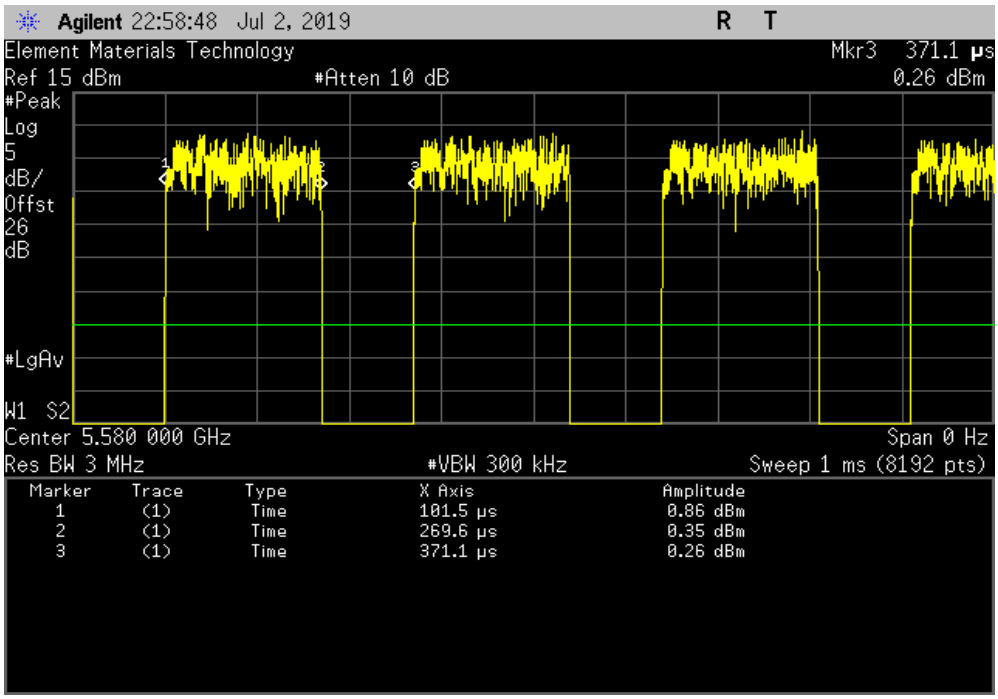


20 MHz, 802.11(n) MCS7, Ch 100, Low Channel 5500 MHz						
	Pulse Width	Period	Number of Pulses	Value (%)	Limit (%)	Results
	N/A	N/A	5	N/A	N/A	N/A

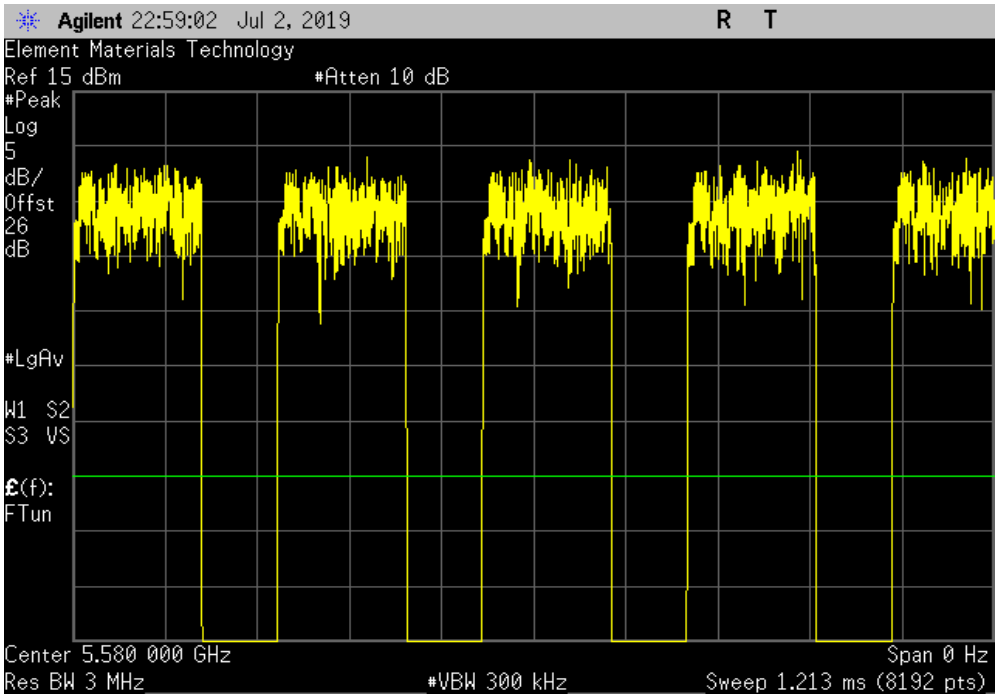


DUTY CYCLE

20 MHz, 802.11(n) MCS7, Ch 116, Mid Channel 5580 MHz						
	Pulse Width	Period	Number of Pulses	Value (%)	Limit (%)	Results
	168.1 us	269.6 us	1	62.4	N/A	N/A

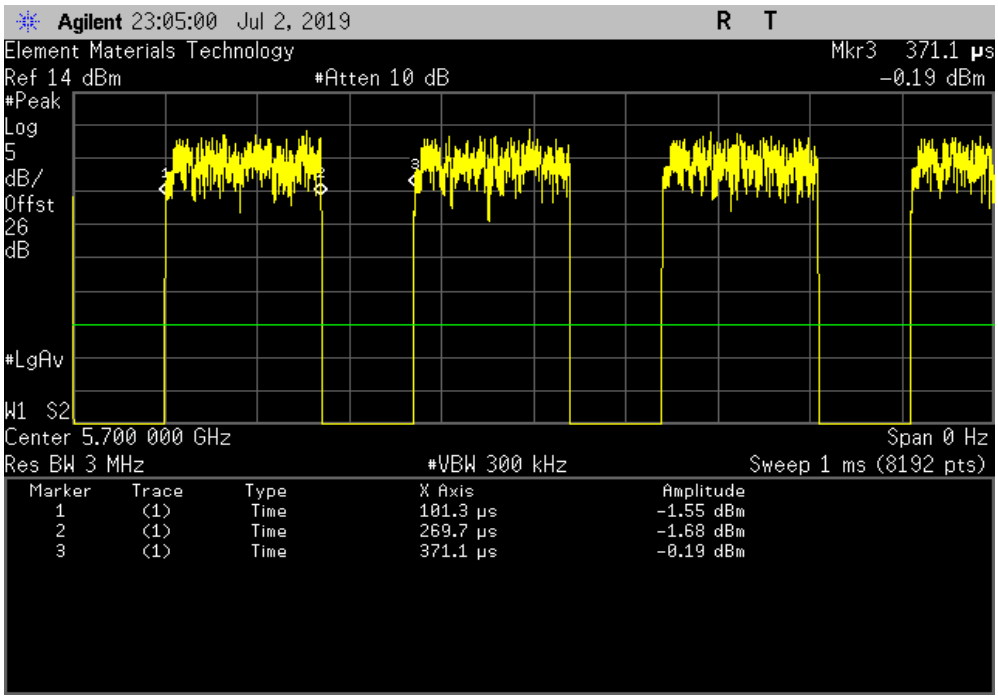


20 MHz, 802.11(n) MCS7, Ch 116, Mid Channel 5580 MHz						
	Pulse Width	Period	Number of Pulses	Value (%)	Limit (%)	Results
	N/A	N/A	5	N/A	N/A	N/A

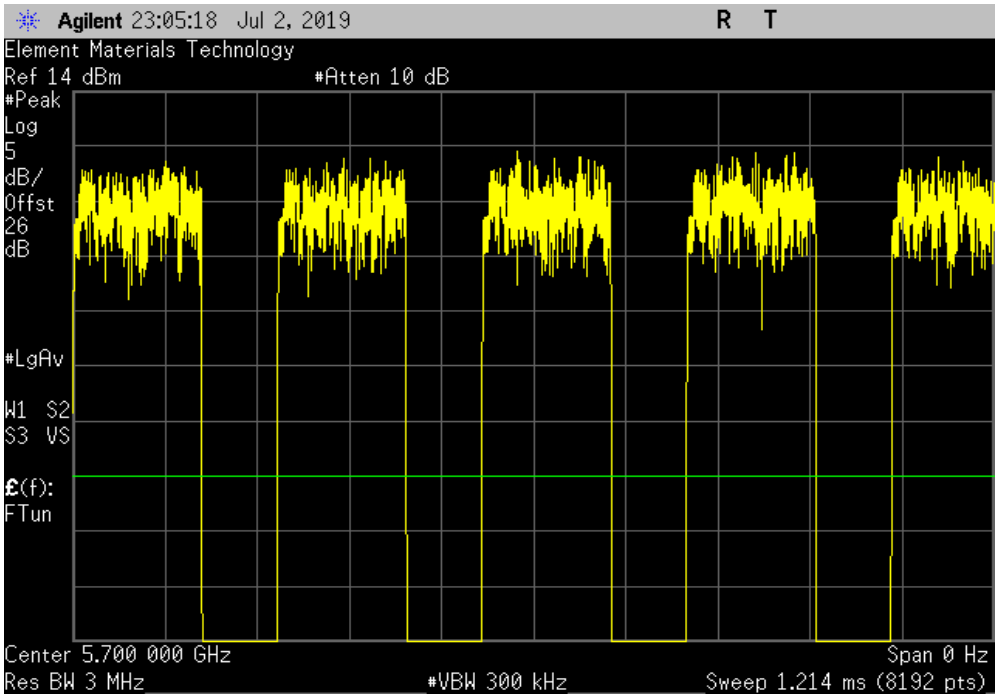


DUTY CYCLE

20 MHz, 802.11(n) MCS7, Ch 140, High Channel 5700 MHz						
	Pulse Width	Period	Number of Pulses	Value (%)	Limit (%)	Results
	168.4 us	269.8 us	1	62.4	N/A	N/A

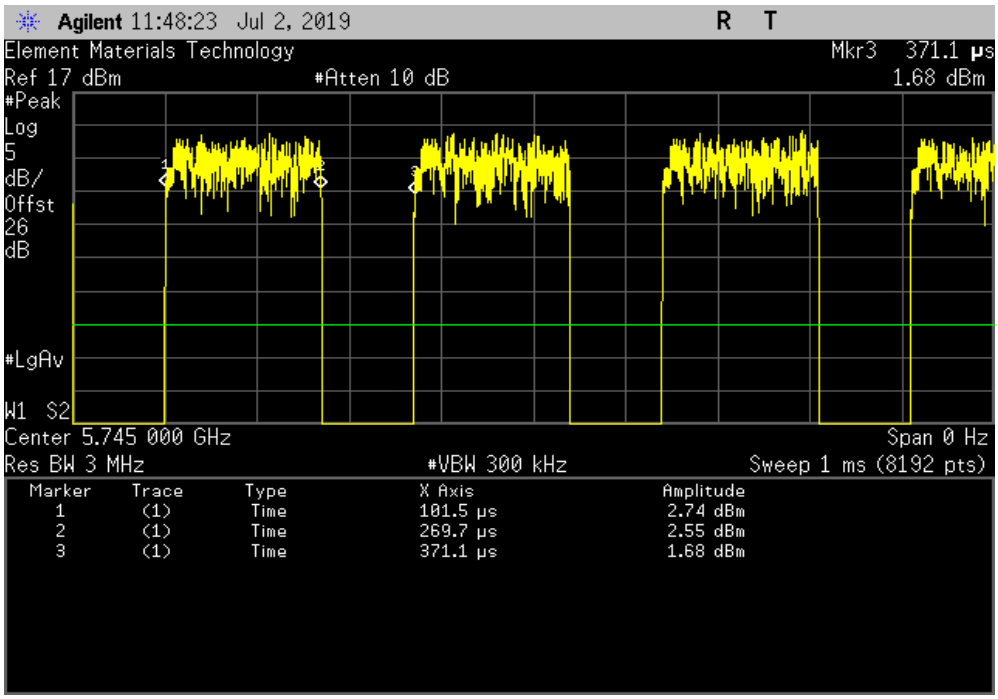


20 MHz, 802.11(n) MCS7, Ch 140, High Channel 5700 MHz						
	Pulse Width	Period	Number of Pulses	Value (%)	Limit (%)	Results
	N/A	N/A	5	N/A	N/A	N/A

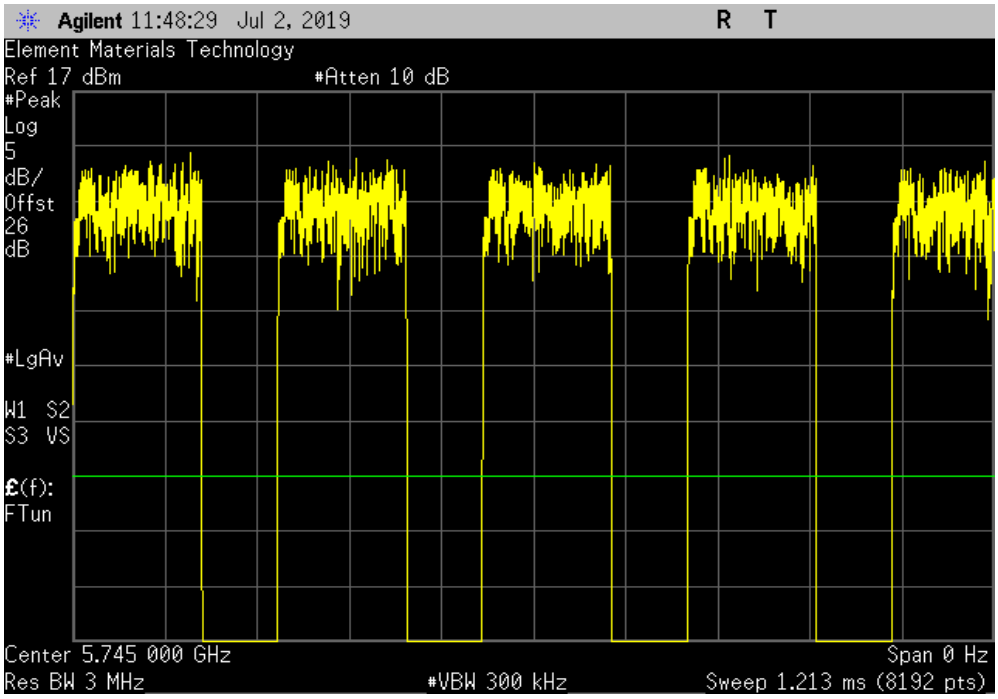


DUTY CYCLE

20 MHz, 802.11(n) MCS7, Ch 149, Low Channel 5745 MHz						
	Pulse Width	Period	Number of Pulses	Value (%)	Limit (%)	Results
	168.2 us	269.6 us	1	62.4	N/A	N/A

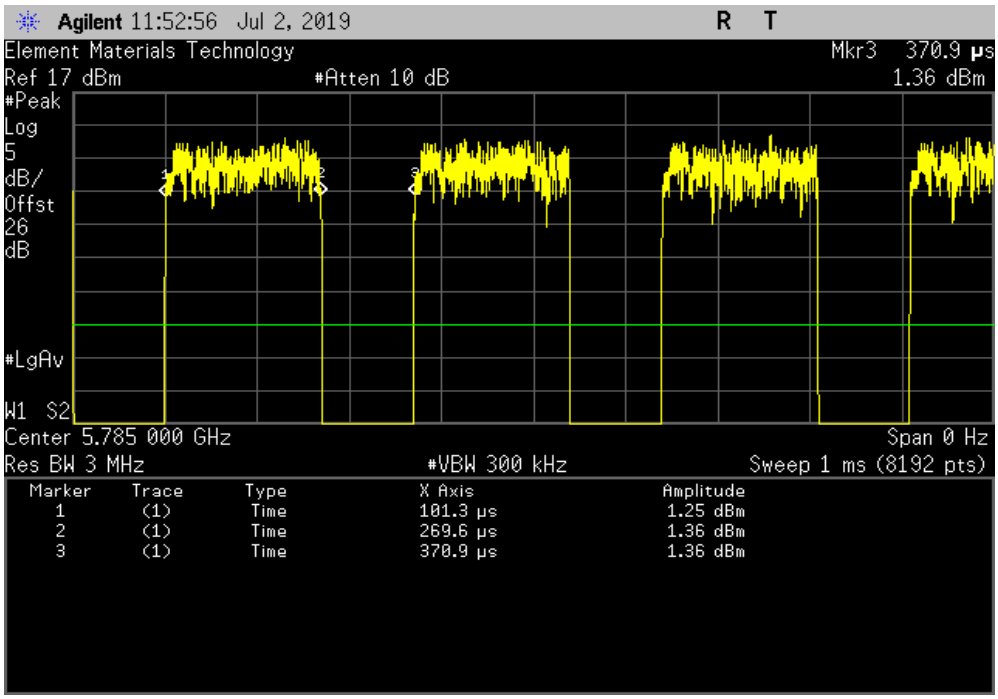


20 MHz, 802.11(n) MCS7, Ch 149, Low Channel 5745 MHz						
	Pulse Width	Period	Number of Pulses	Value (%)	Limit (%)	Results
	N/A	N/A	5	N/A	N/A	N/A

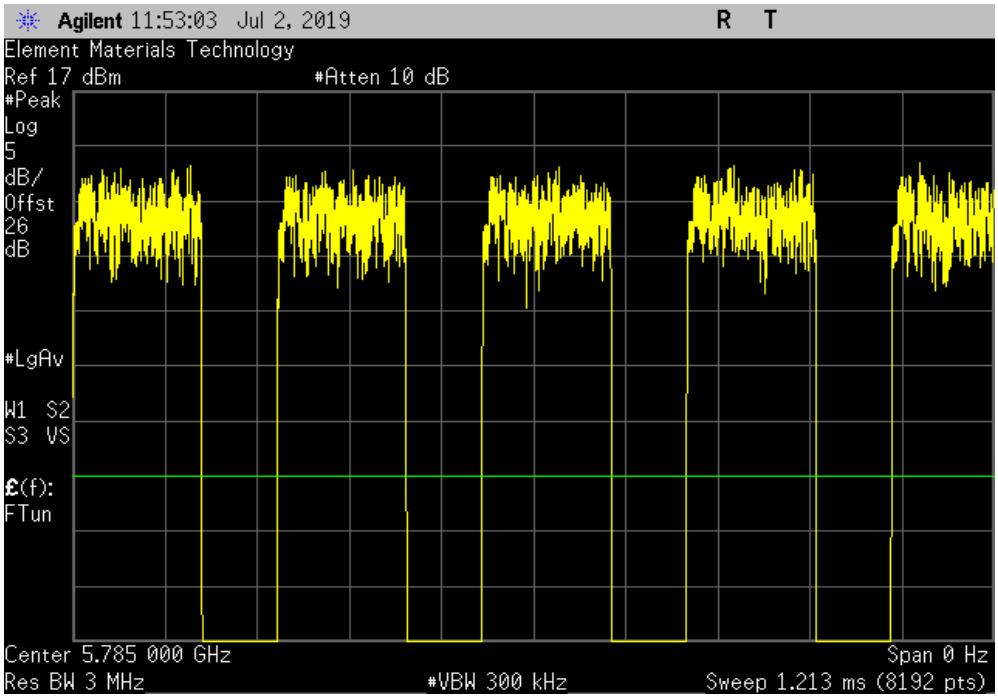


DUTY CYCLE

20 MHz, 802.11(n) MCS7, Ch 157, Mid Channel 5785 MHz						
	Pulse Width	Period	Number of Pulses	Value (%)	Limit (%)	Results
	168.3 us	269.6 us	1	62.4	N/A	N/A

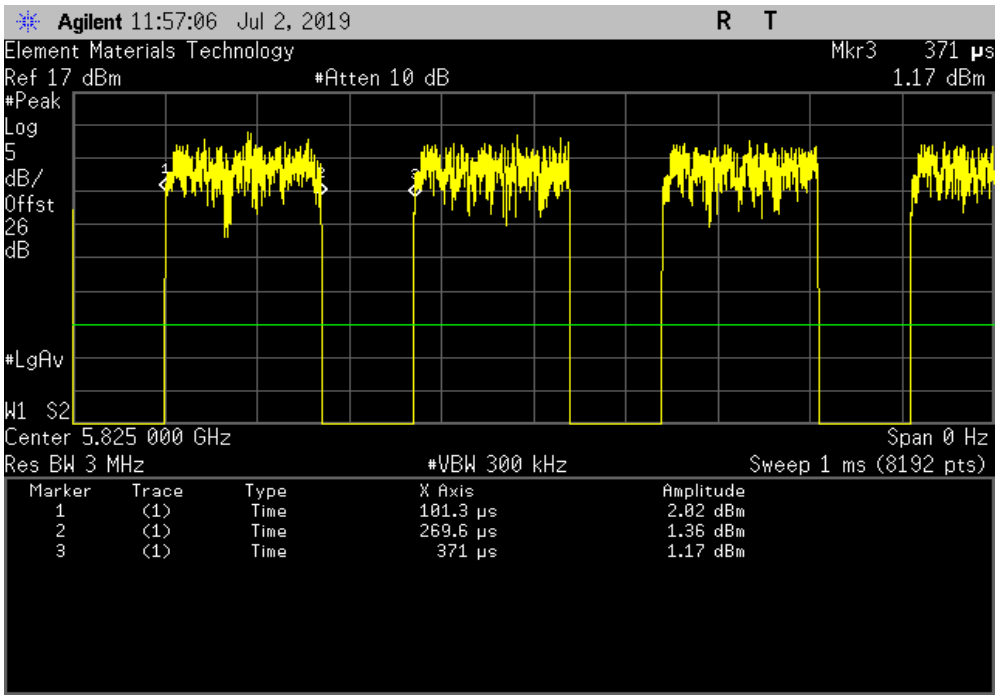


20 MHz, 802.11(n) MCS7, Ch 157, Mid Channel 5785 MHz						
	Pulse Width	Period	Number of Pulses	Value (%)	Limit (%)	Results
	N/A	N/A	5	N/A	N/A	N/A

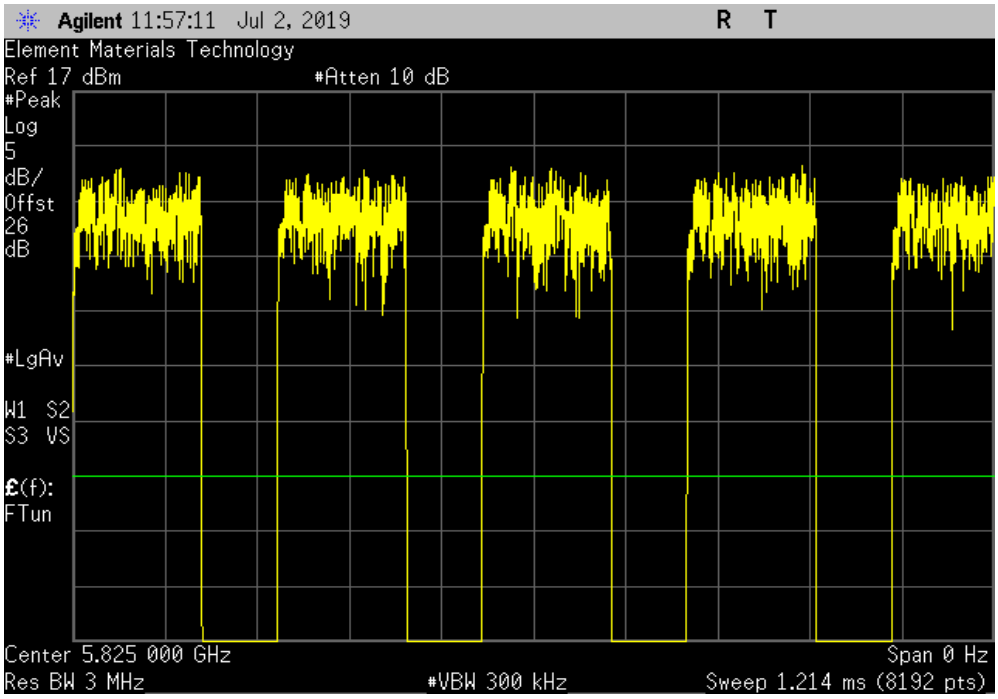


DUTY CYCLE

20 MHz, 802.11(n) MCS7, Ch 165, High Channel 5825 MHz						
	Pulse Width	Period	Number of Pulses	Value (%)	Limit (%)	Results
	168.3 us	269.7 us	1	62.4	N/A	N/A

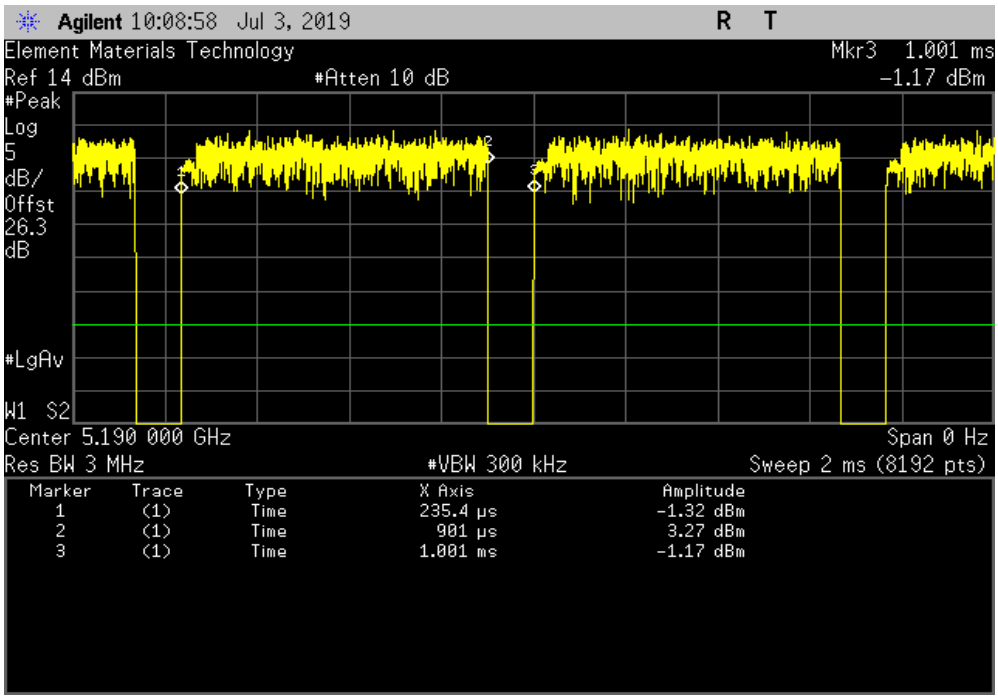


20 MHz, 802.11(n) MCS7, Ch 165, High Channel 5825 MHz						
	Pulse Width	Period	Number of Pulses	Value (%)	Limit (%)	Results
	N/A	N/A	5	N/A	N/A	N/A

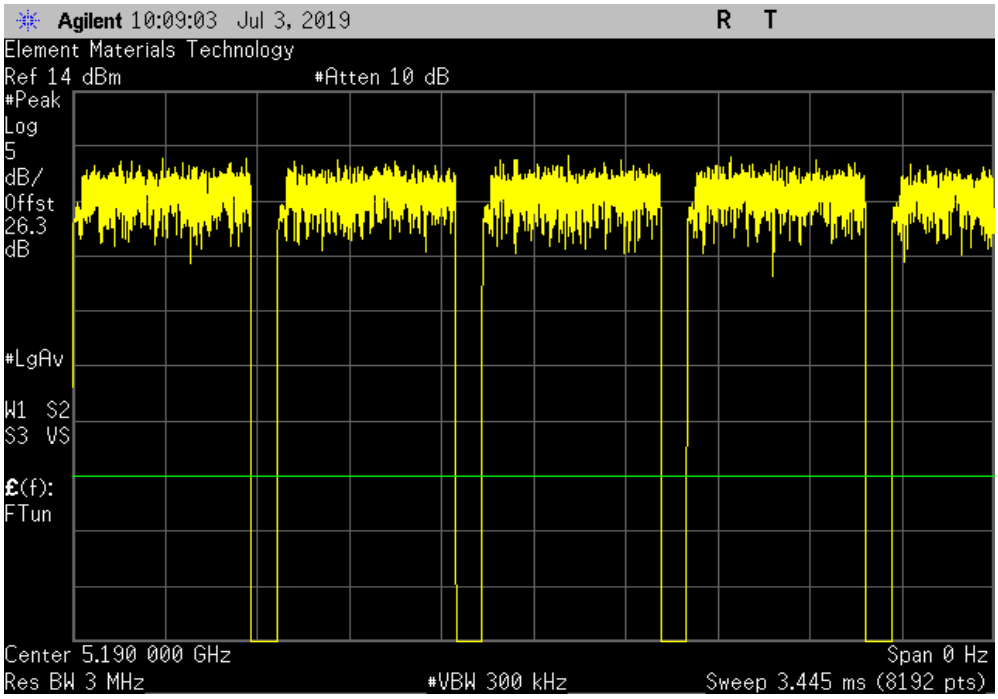


DUTY CYCLE

40 MHz, 802.11(n) MCS0, Ch 36/40, Low Channel 5190 MHz						
	Pulse Width	Period	Number of Pulses	Value (%)	Limit (%)	Results
	665.556 us	765.5 us	1	86.9	N/A	N/A

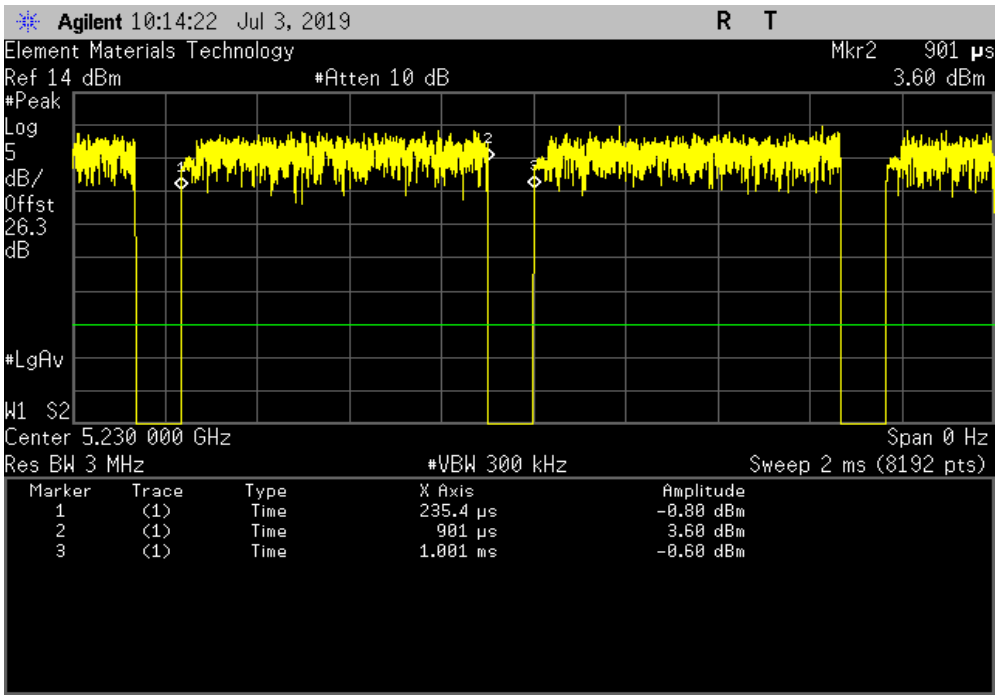


40 MHz, 802.11(n) MCS0, Ch 36/40, Low Channel 5190 MHz						
	Pulse Width	Period	Number of Pulses	Value (%)	Limit (%)	Results
	N/A	N/A	5	N/A	N/A	N/A

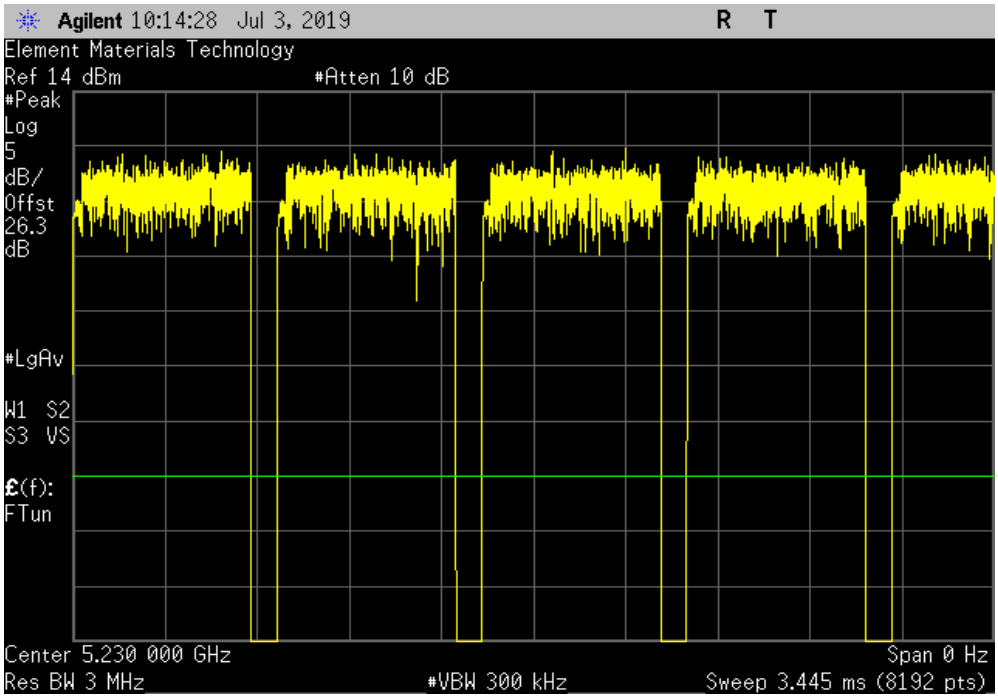


DUTY CYCLE

40 MHz, 802.11(n) MCS0, Ch 44/48, High Channel 5230 MHz						
	Pulse Width	Period	Number of Pulses	Value (%)	Limit (%)	Results
	665.556 us	765.5 us	1	86.9	N/A	N/A

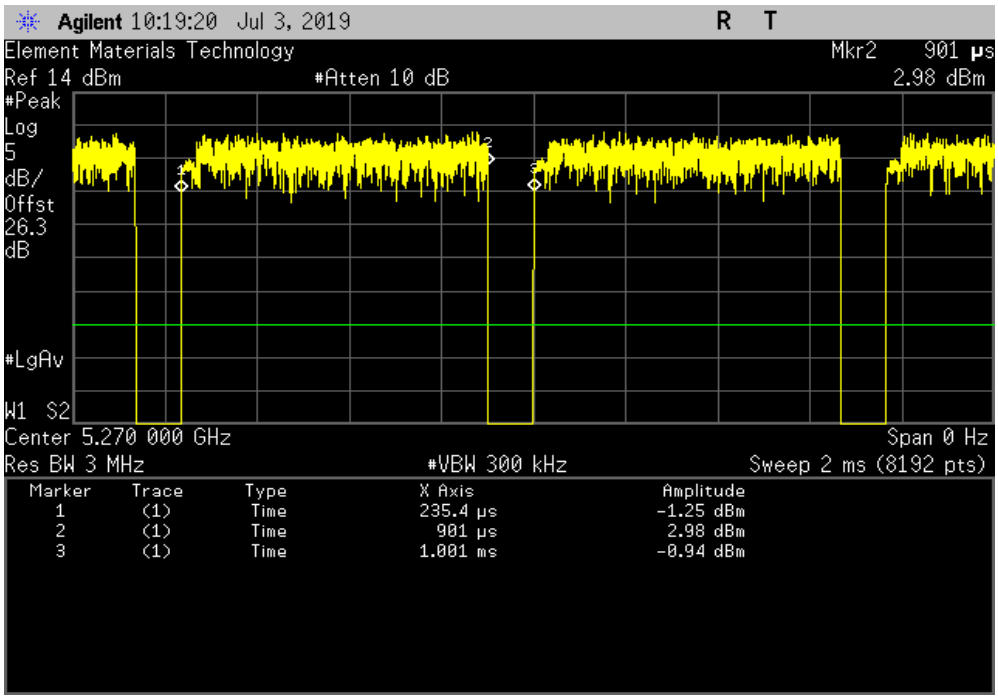


40 MHz, 802.11(n) MCS0, Ch 44/48, High Channel 5230 MHz						
	Pulse Width	Period	Number of Pulses	Value (%)	Limit (%)	Results
	N/A	N/A	5	N/A	N/A	N/A

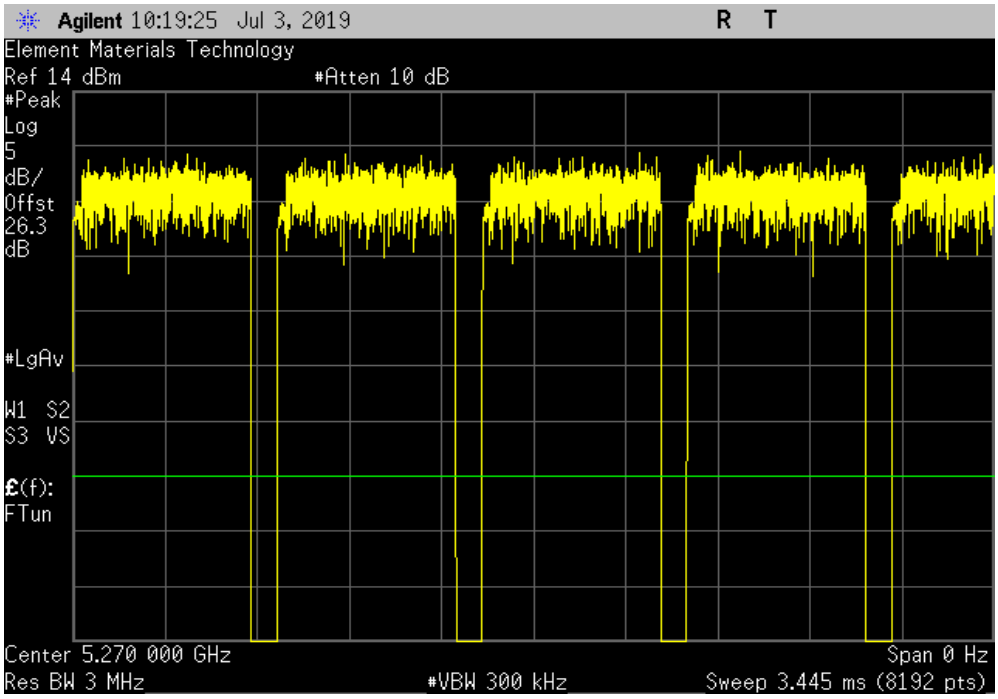


DUTY CYCLE

40 MHz, 802.11(n) MCS0, Ch 52/56, Low Channel 5270 MHz						
	Pulse Width	Period	Number of Pulses	Value (%)	Limit (%)	Results
	665.556 us	765.5 us	1	86.9	N/A	N/A

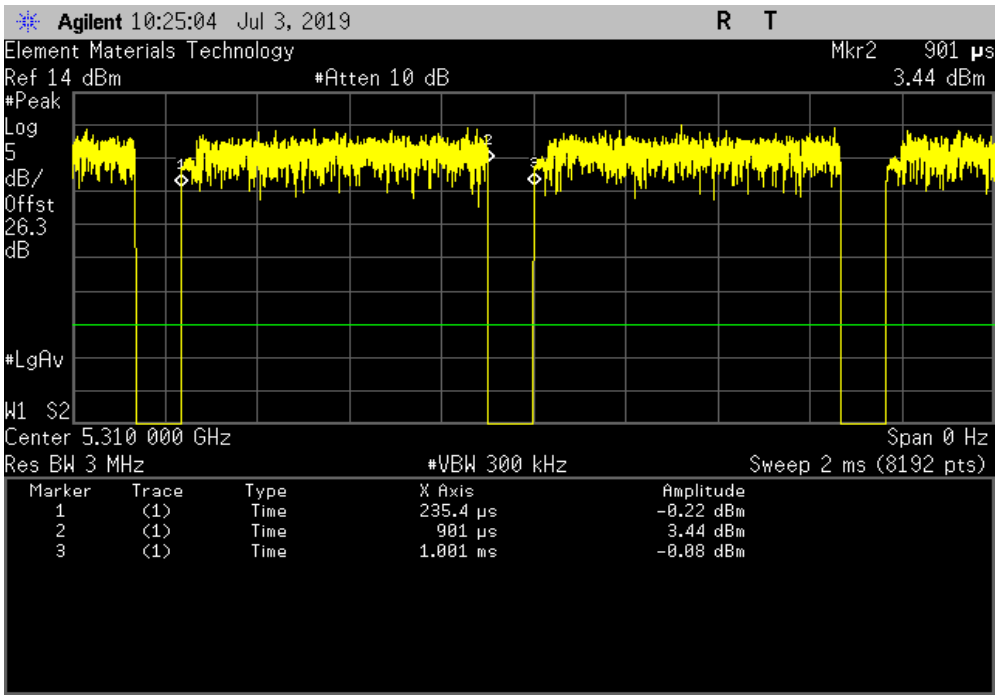


40 MHz, 802.11(n) MCS0, Ch 52/56, Low Channel 5270 MHz						
	Pulse Width	Period	Number of Pulses	Value (%)	Limit (%)	Results
	N/A	N/A	5	N/A	N/A	N/A

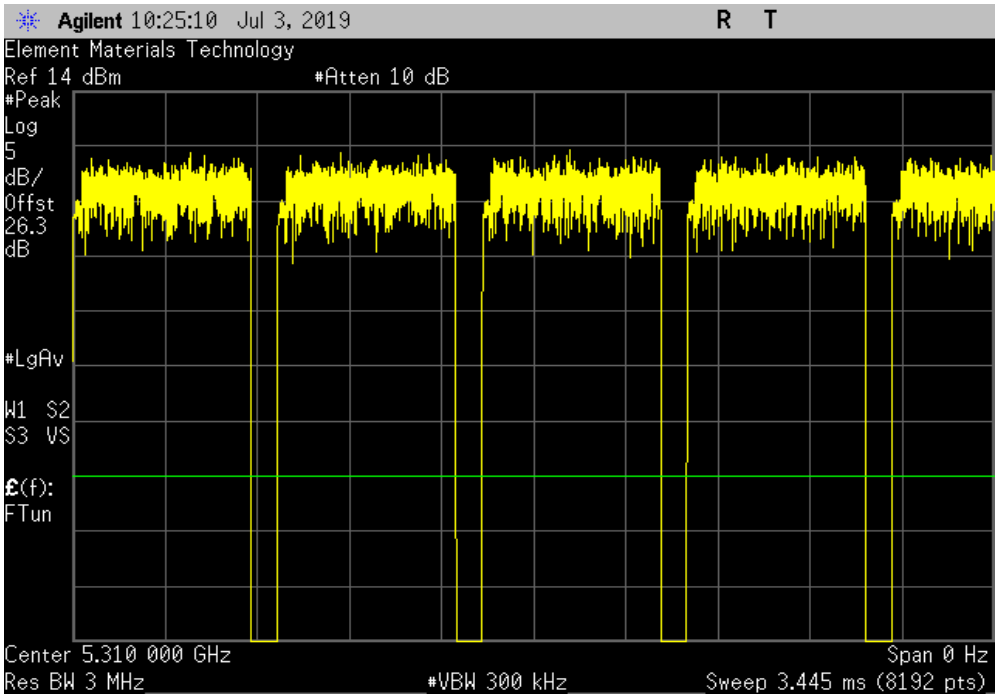


DUTY CYCLE

40 MHz, 802.11(n) MCS0, Ch 60/64, High Channel 5310 MHz						
	Pulse Width	Period	Number of Pulses	Value (%)	Limit (%)	Results
	665.556 us	765.5 us	1	86.9	N/A	N/A

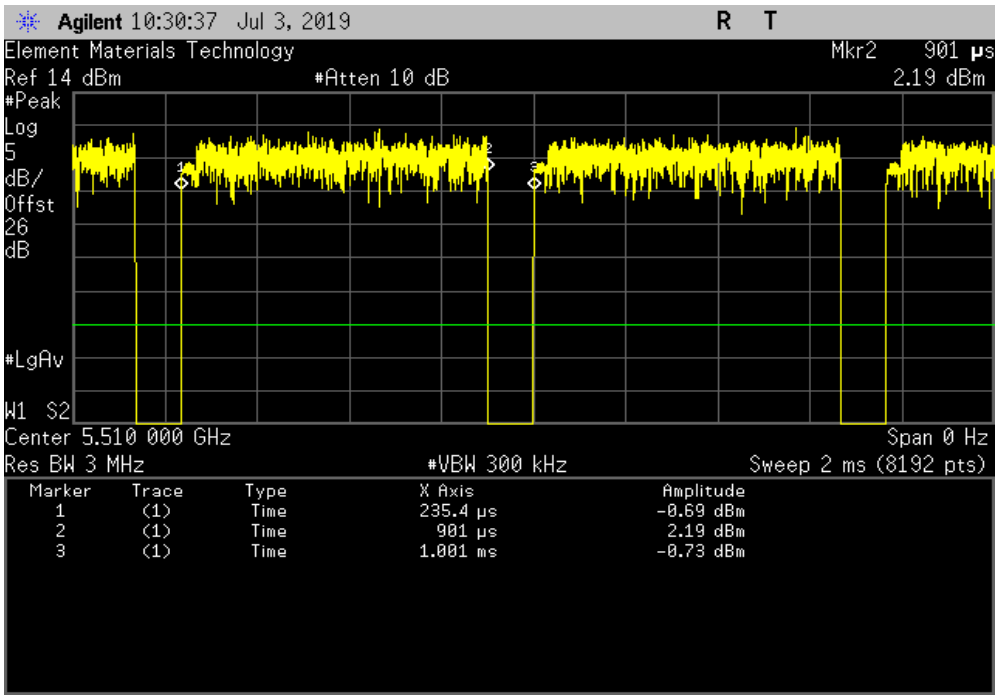


40 MHz, 802.11(n) MCS0, Ch 60/64, High Channel 5310 MHz						
	Pulse Width	Period	Number of Pulses	Value (%)	Limit (%)	Results
	N/A	N/A	5	N/A	N/A	N/A

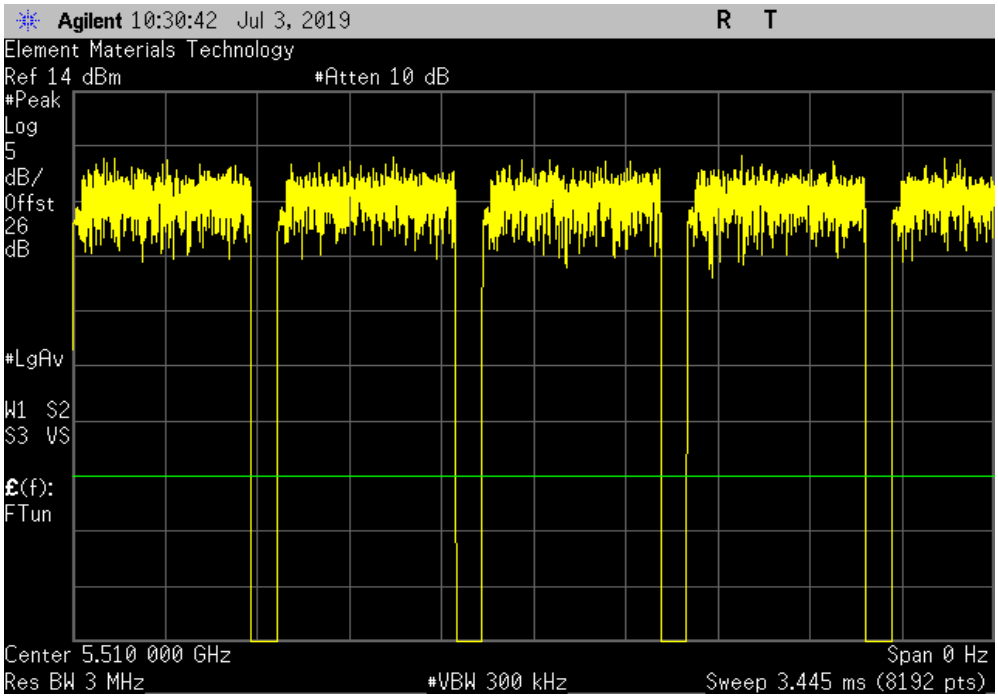


DUTY CYCLE

40 MHz, 802.11(n) MCS0, Ch 100/104, Low Channel 5510 MHz						
	Pulse Width	Period	Number of Pulses	Value (%)	Limit (%)	Results
	665.556 us	765.5 us	1	86.9	N/A	N/A

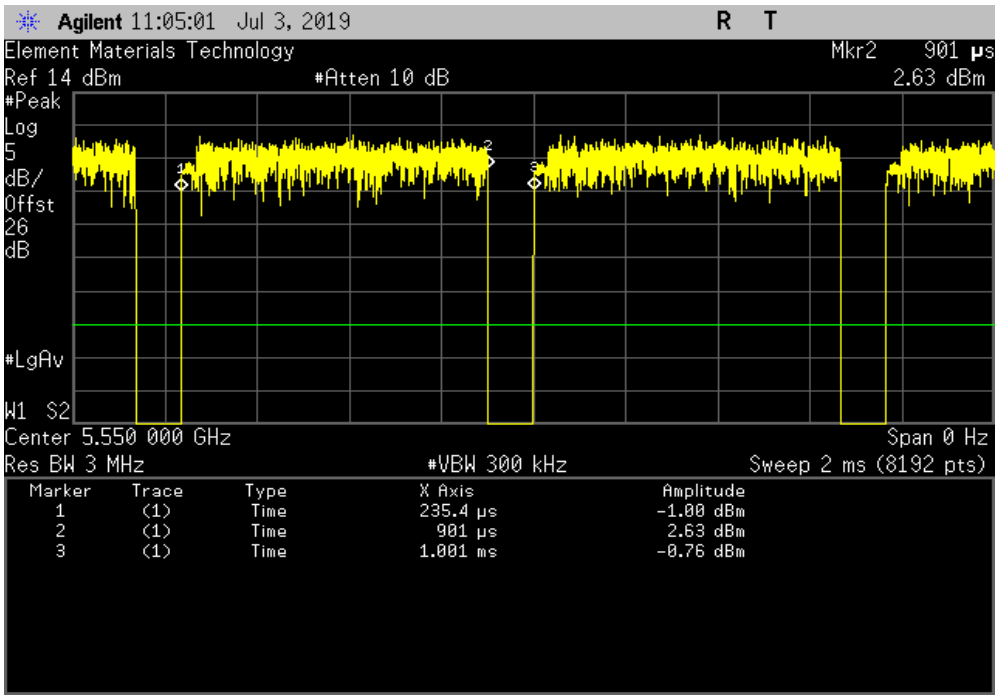


40 MHz, 802.11(n) MCS0, Ch 100/104, Low Channel 5510 MHz						
	Pulse Width	Period	Number of Pulses	Value (%)	Limit (%)	Results
	N/A	N/A	5	N/A	N/A	N/A

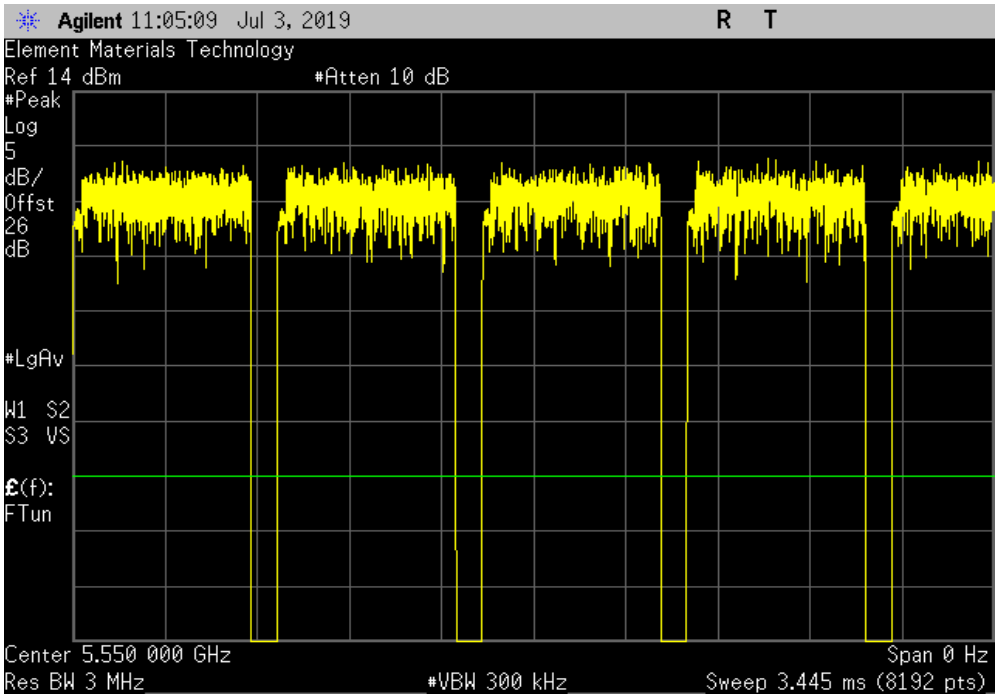


DUTY CYCLE

40 MHz, 802.11(n) MCS0, Ch 108/112, Mid Channel 5550 MHz						
	Pulse Width	Period	Number of Pulses	Value (%)	Limit (%)	Results
	665.612 us	765.5 us	1	87	N/A	N/A

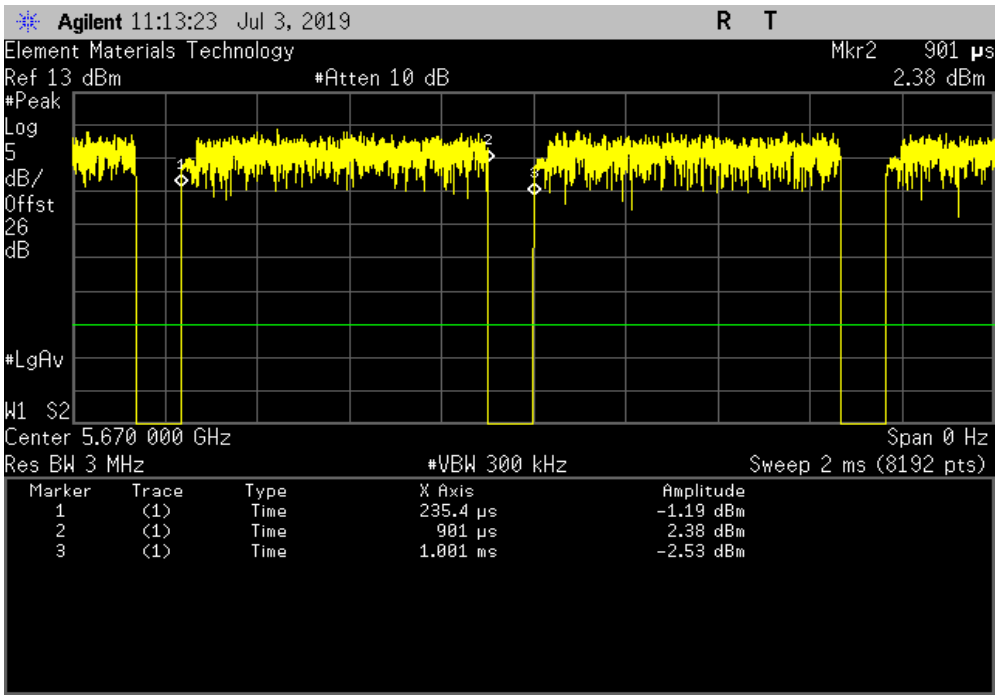


40 MHz, 802.11(n) MCS0, Ch 108/112, Mid Channel 5550 MHz						
	Pulse Width	Period	Number of Pulses	Value (%)	Limit (%)	Results
	N/A	N/A	5	N/A	N/A	N/A

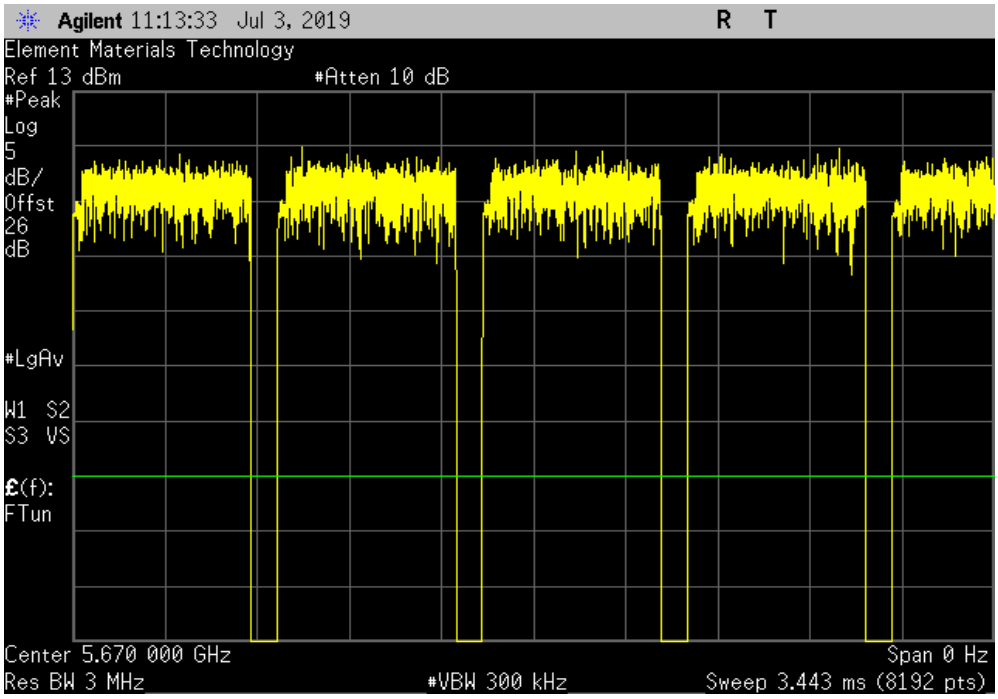


DUTY CYCLE

40 MHz, 802.11(n) MCS0, Ch 132/136, High Channel 5670 MHz						
	Pulse Width	Period	Number of Pulses	Value (%)	Limit (%)	Results
	665.612 us	765.2 us	1	87	N/A	N/A

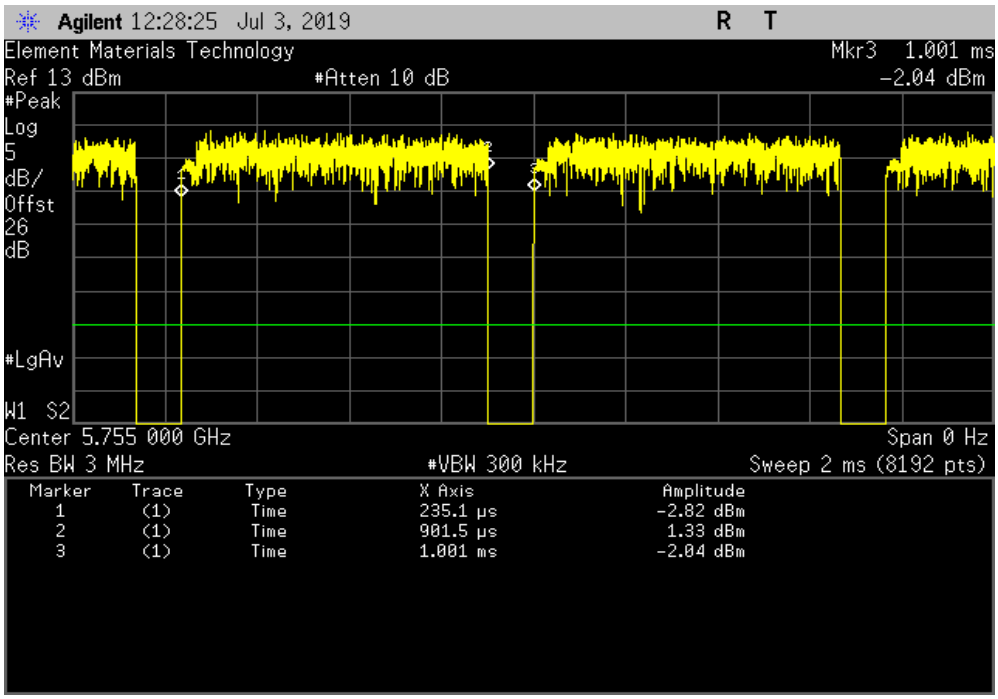


40 MHz, 802.11(n) MCS0, Ch 132/136, High Channel 5670 MHz						
	Pulse Width	Period	Number of Pulses	Value (%)	Limit (%)	Results
	N/A	N/A	5	N/A	N/A	N/A

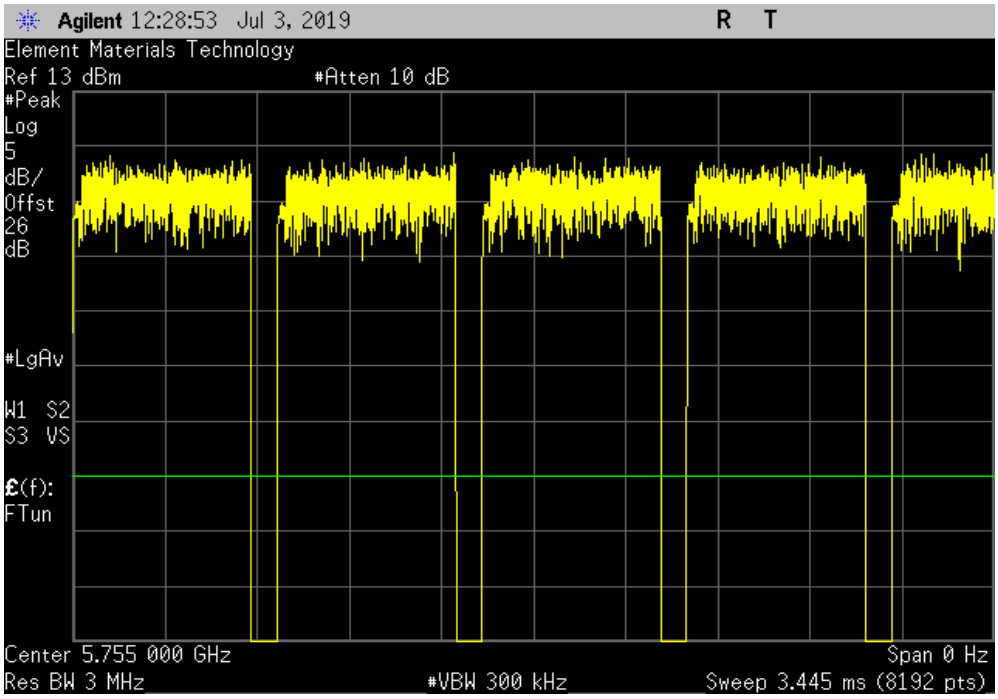


DUTY CYCLE

40 MHz, 802.11(n) MCS0, Ch 149/153, Low Channel 5755 MHz						
	Pulse Width	Period	Number of Pulses	Value (%)	Limit (%)	Results
	666.4 us	765.5 us	1	87.1	N/A	N/A

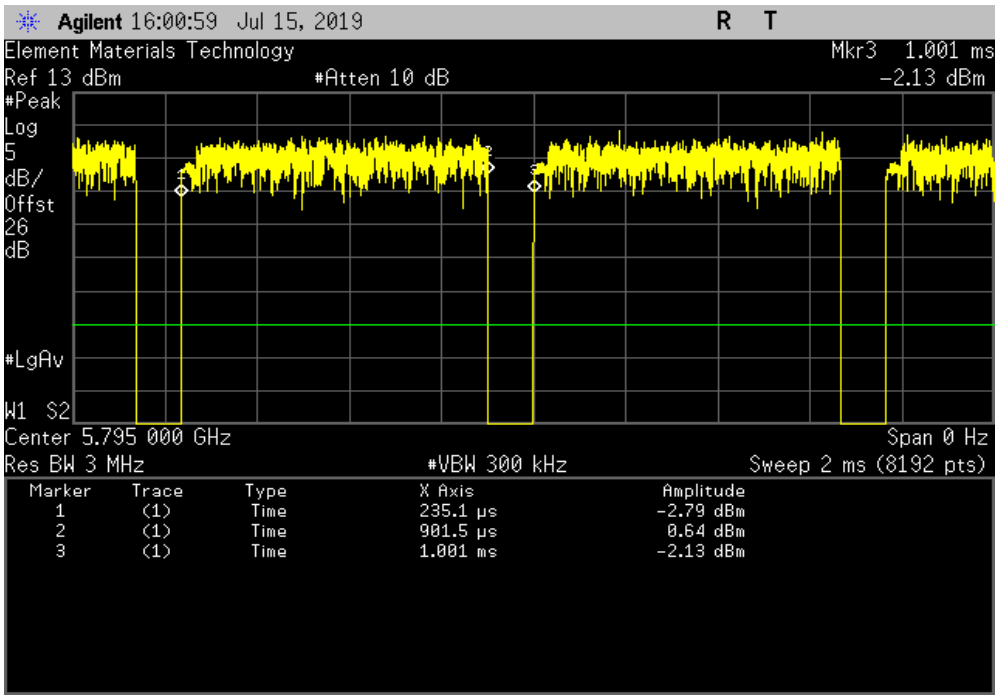


40 MHz, 802.11(n) MCS0, Ch 149/153, Low Channel 5755 MHz						
	Pulse Width	Period	Number of Pulses	Value (%)	Limit (%)	Results
	N/A	N/A	5	N/A	N/A	N/A

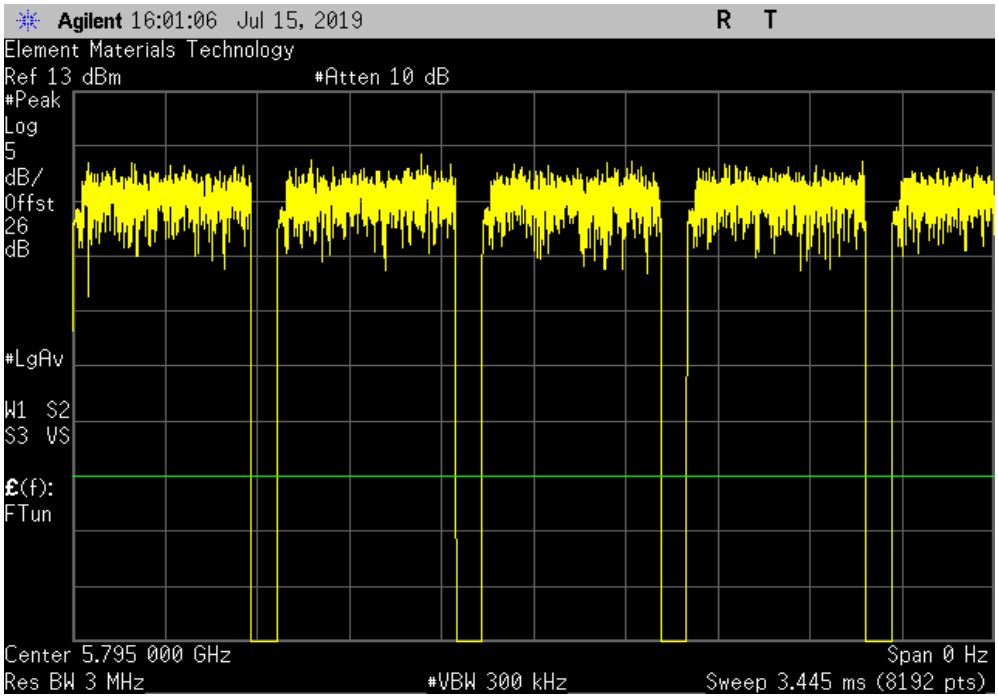


DUTY CYCLE

40 MHz, 802.11(n) MCS0, Ch 157/161, High Channel 5795 MHz						
	Pulse Width	Period	Number of Pulses	Value (%)	Limit (%)	Results
	666.4 us	765.5 us	1	87.1	N/A	N/A

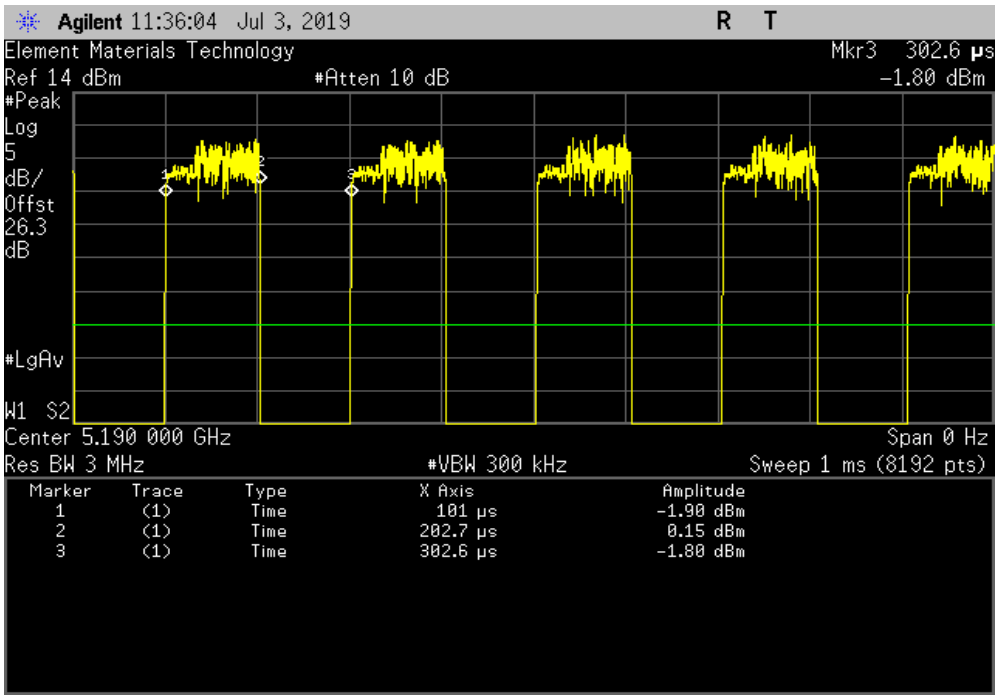


40 MHz, 802.11(n) MCS0, Ch 157/161, High Channel 5795 MHz						
	Pulse Width	Period	Number of Pulses	Value (%)	Limit (%)	Results
	N/A	N/A	5	N/A	N/A	N/A

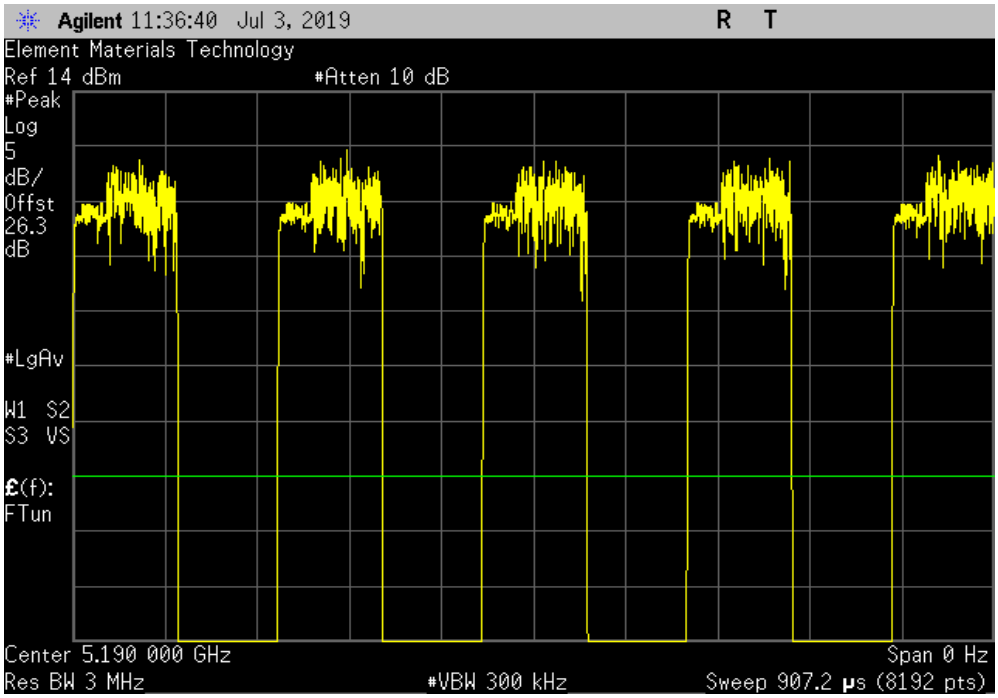


DUTY CYCLE

40 MHz, 802.11(n) MCS7, Ch 36/40, Low Channel 5190 MHz						
	Pulse Width	Period	Number of Pulses	Value (%)	Limit (%)	Results
	101.7 us	201.6 us	1	50.4	N/A	N/A

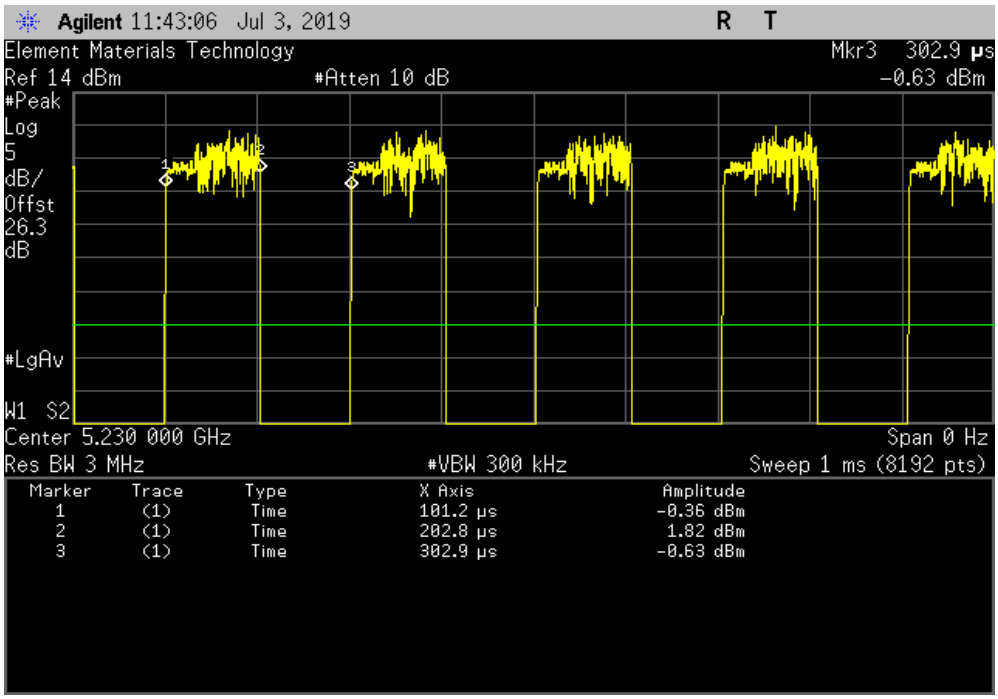


40 MHz, 802.11(n) MCS7, Ch 36/40, Low Channel 5190 MHz						
	Pulse Width	Period	Number of Pulses	Value (%)	Limit (%)	Results
	N/A	N/A	5	N/A	N/A	N/A

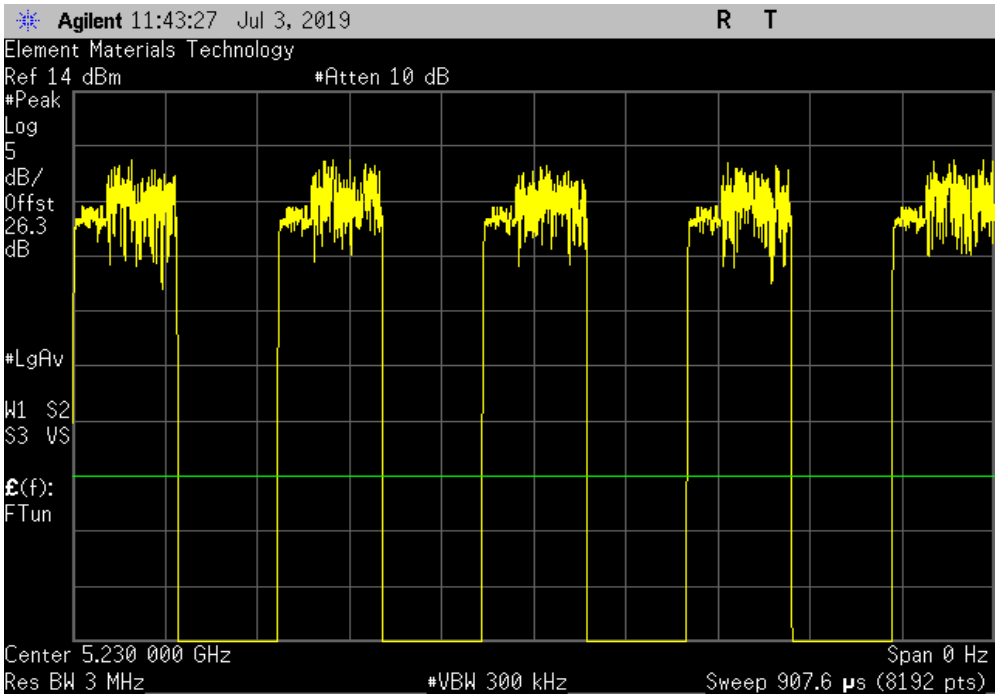


DUTY CYCLE

40 MHz, 802.11(n) MCS7, Ch 44/48, High Channel 5230 MHz						
	Pulse Width	Period	Number of Pulses	Value (%)	Limit (%)	Results
	101.6 us	201.7 us	1	50.4	N/A	N/A

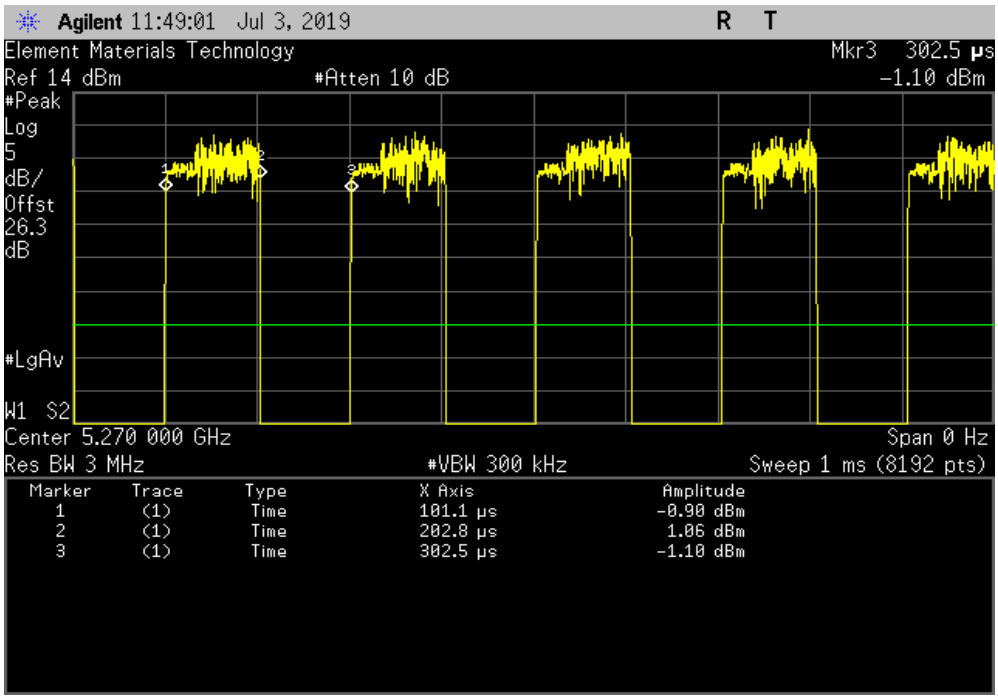


40 MHz, 802.11(n) MCS7, Ch 44/48, High Channel 5230 MHz						
	Pulse Width	Period	Number of Pulses	Value (%)	Limit (%)	Results
	N/A	N/A	5	N/A	N/A	N/A

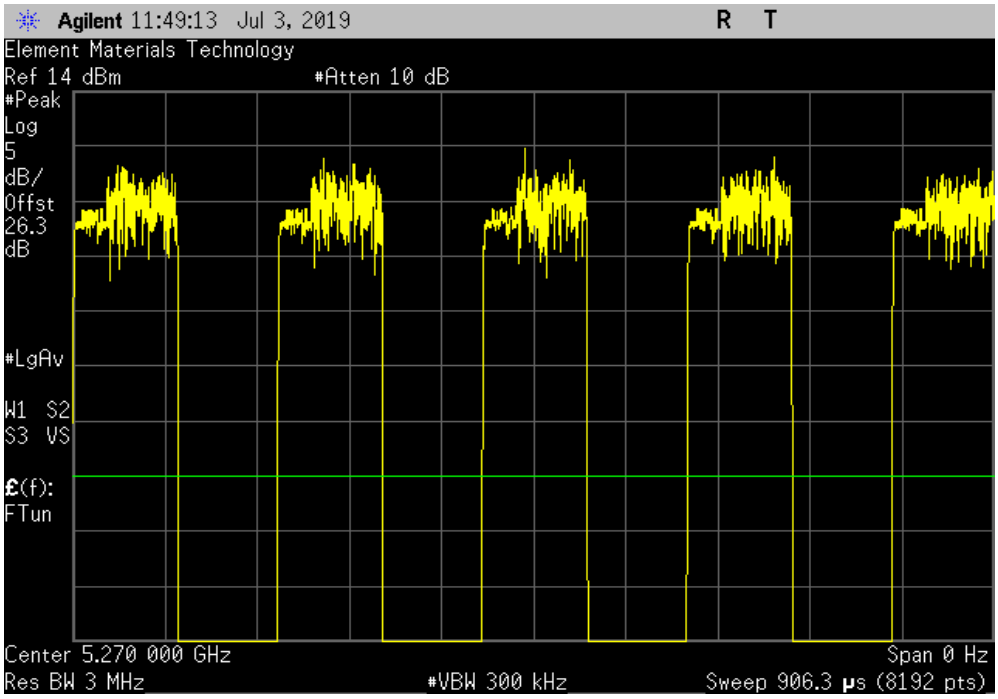


DUTY CYCLE

40 MHz, 802.11(n) MCS7, Ch 52/56, Low Channel 5270 MHz						
	Pulse Width	Period	Number of Pulses	Value (%)	Limit (%)	Results
	101.7 us	201.4 us	1	50.5	N/A	N/A

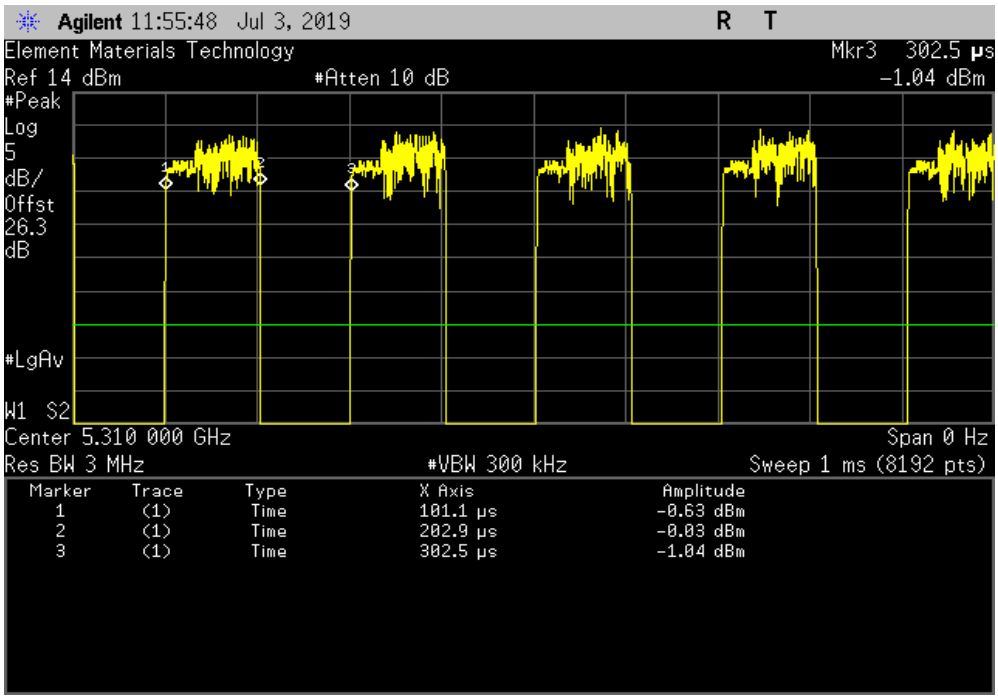


40 MHz, 802.11(n) MCS7, Ch 52/56, Low Channel 5270 MHz						
	Pulse Width	Period	Number of Pulses	Value (%)	Limit (%)	Results
	N/A	N/A	5	N/A	N/A	N/A

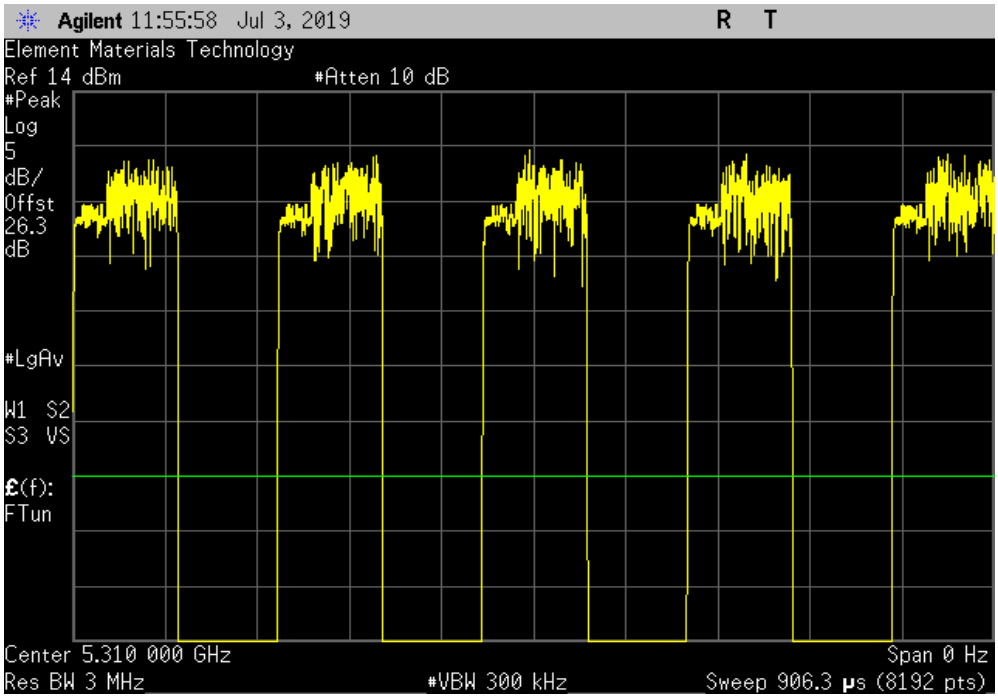


DUTY CYCLE

40 MHz, 802.11(n) MCS7, Ch 60/64, High Channel 5310 MHz						
	Pulse Width	Period	Number of Pulses	Value (%)	Limit (%)	Results
	101.8 us	201.4 us	1	50.5	N/A	N/A

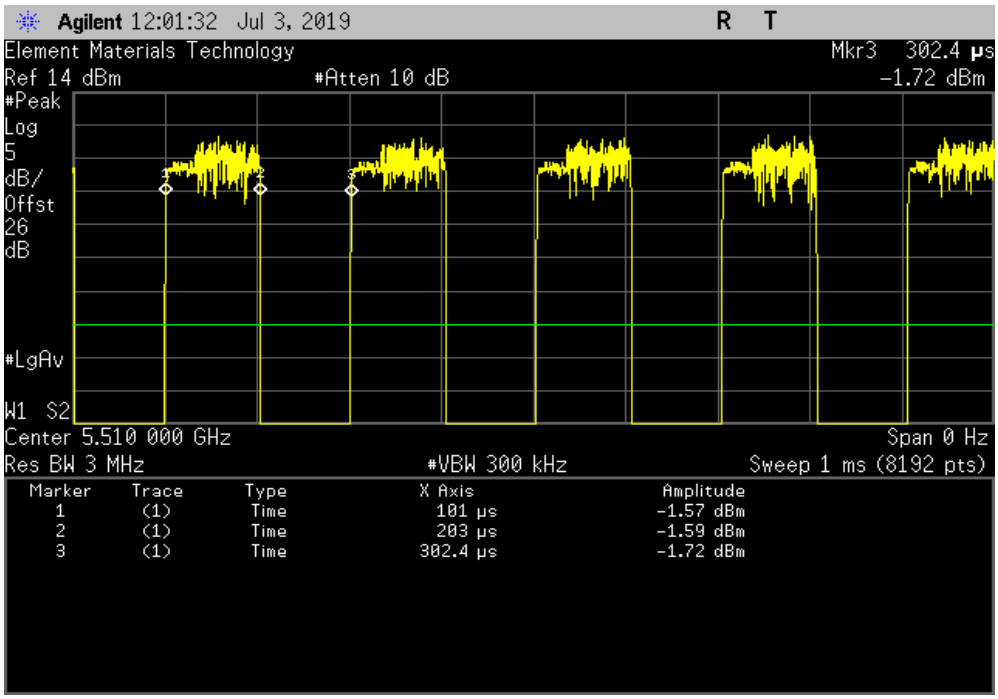


40 MHz, 802.11(n) MCS7, Ch 60/64, High Channel 5310 MHz						
	Pulse Width	Period	Number of Pulses	Value (%)	Limit (%)	Results
	N/A	N/A	5	N/A	N/A	N/A

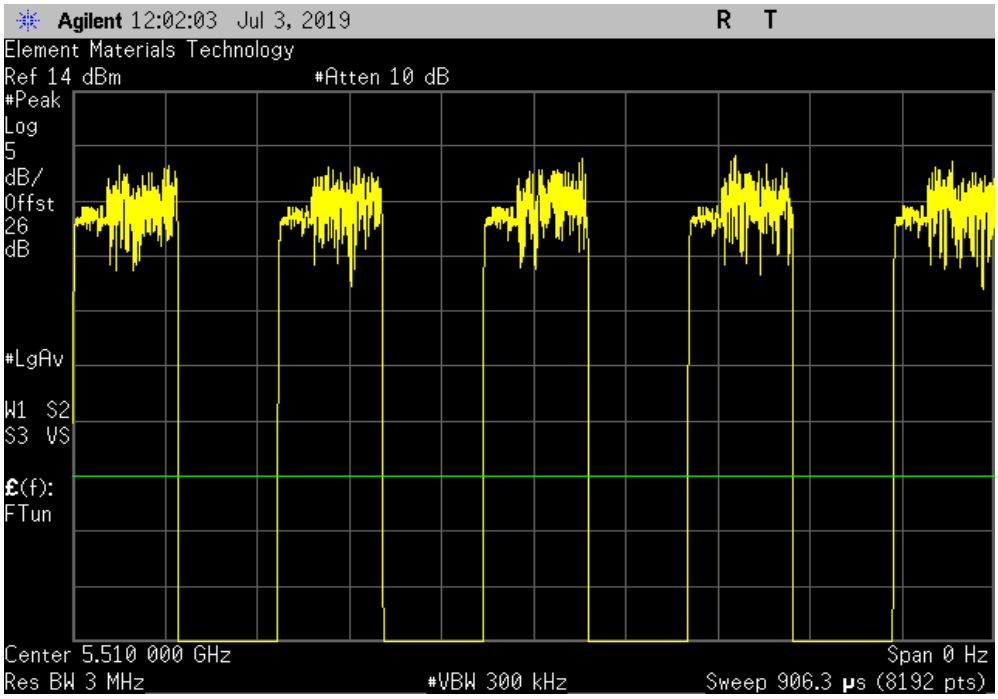


DUTY CYCLE

40 MHz, 802.11(n) MCS7, Ch 100/104, Low Channel 5510 MHz						
	Pulse Width	Period	Number of Pulses	Value (%)	Limit (%)	Results
	102 us	201.4 us	1	50.6	N/A	N/A

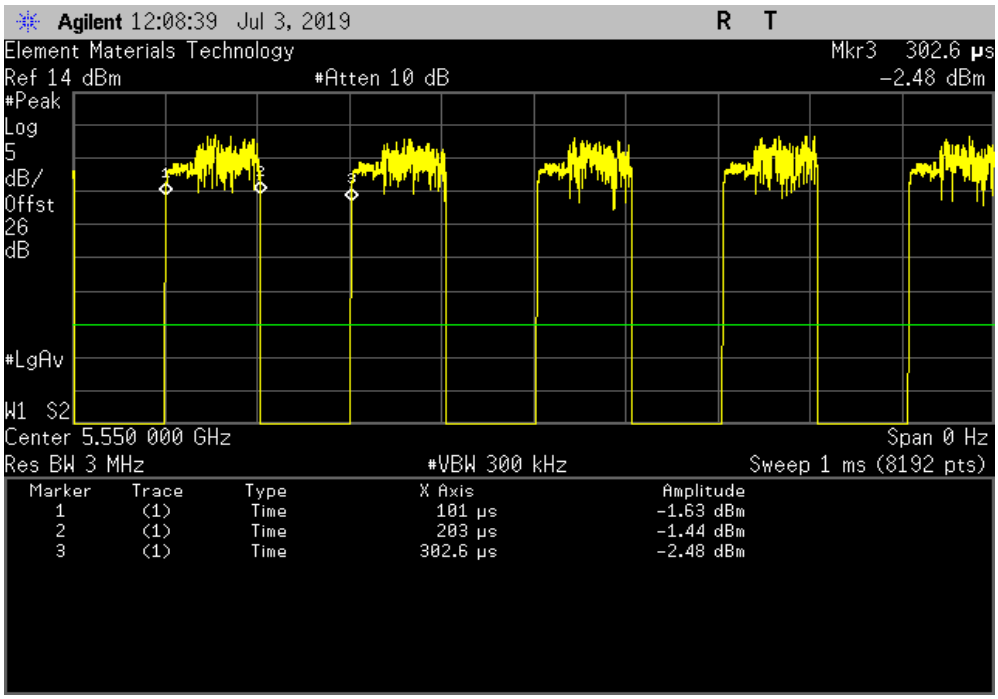


40 MHz, 802.11(n) MCS7, Ch 100/104, Low Channel 5510 MHz						
	Pulse Width	Period	Number of Pulses	Value (%)	Limit (%)	Results
	N/A	N/A	5	N/A	N/A	N/A

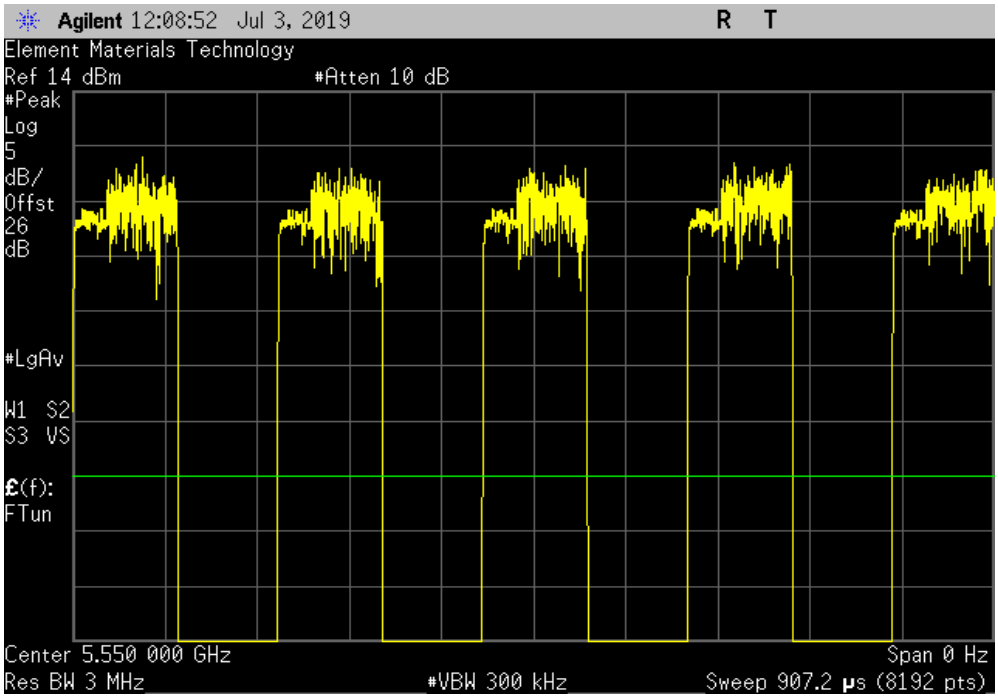


DUTY CYCLE

40 MHz, 802.11(n) MCS7, Ch 108/112, Mid Channel 5550 MHz						
	Pulse Width	Period	Number of Pulses	Value (%)	Limit (%)	Results
	102 us	201.6 us	1	50.6	N/A	N/A

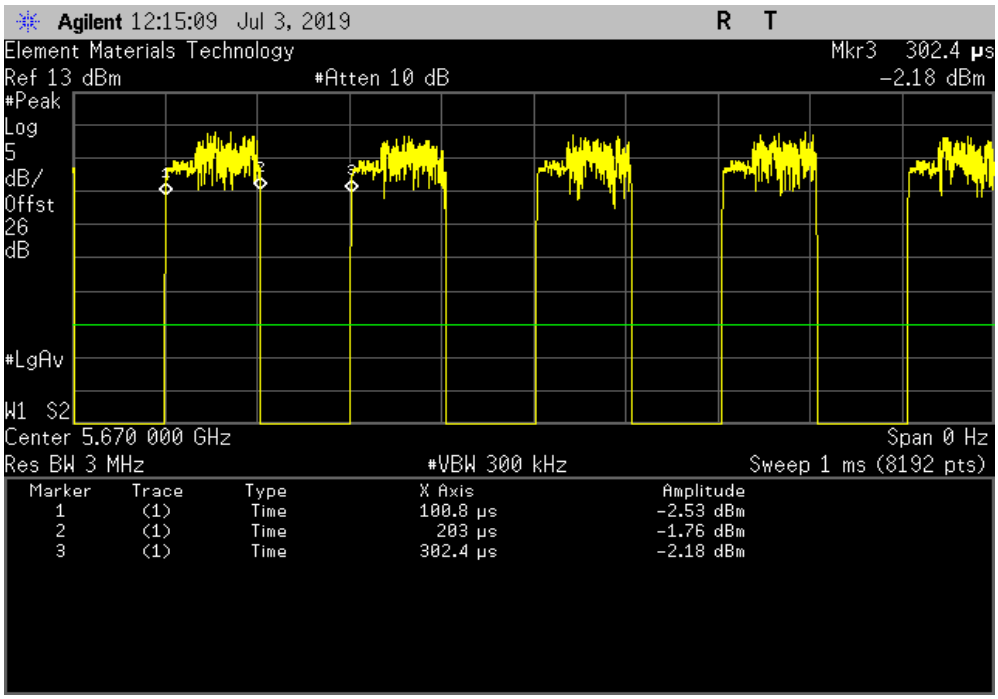


40 MHz, 802.11(n) MCS7, Ch 108/112, Mid Channel 5550 MHz						
	Pulse Width	Period	Number of Pulses	Value (%)	Limit (%)	Results
	N/A	N/A	5	N/A	N/A	N/A

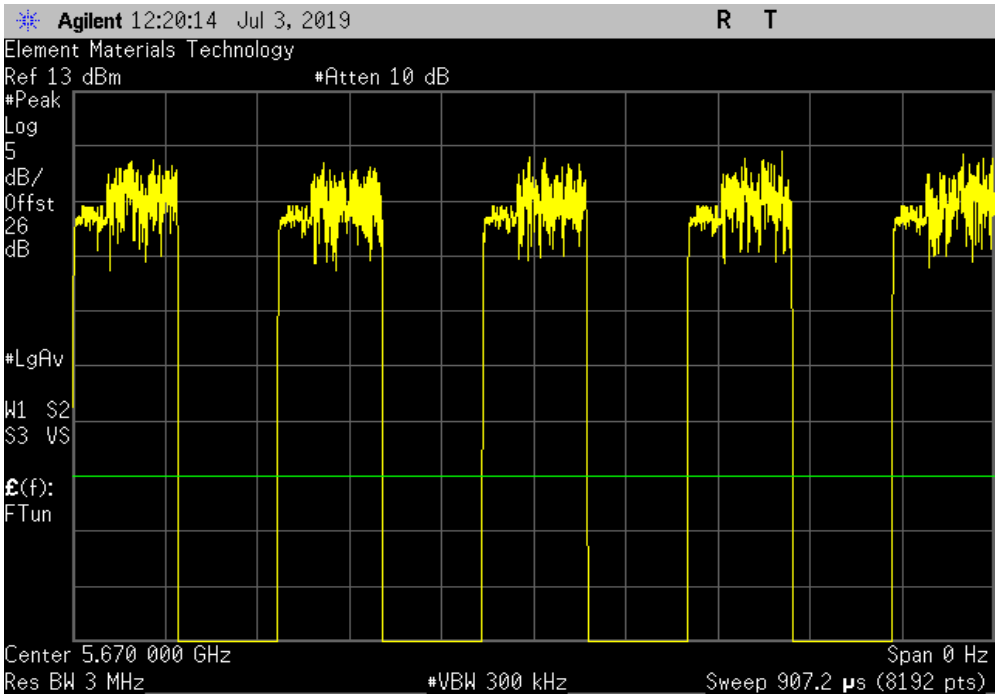


DUTY CYCLE

40 MHz, 802.11(n) MCS7, Ch 132/136, High Channel 5670 MHz						
	Pulse Width	Period	Number of Pulses	Value (%)	Limit (%)	Results
	102.2 us	201.6 us	1	50.7	N/A	N/A

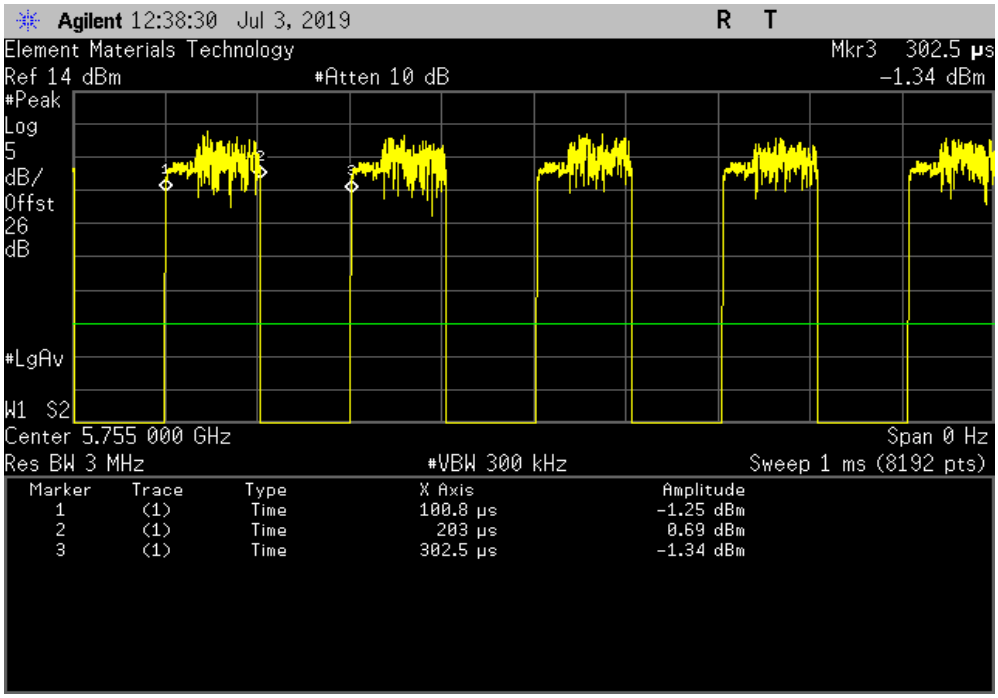


40 MHz, 802.11(n) MCS7, Ch 132/136, High Channel 5670 MHz						
	Pulse Width	Period	Number of Pulses	Value (%)	Limit (%)	Results
	N/A	N/A	5	N/A	N/A	N/A

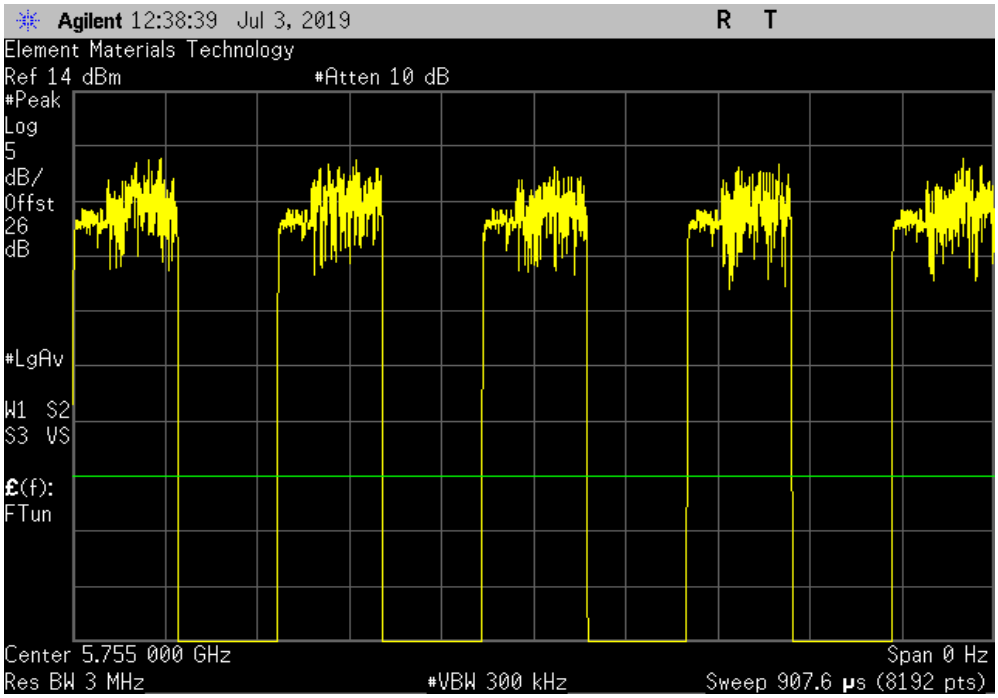


DUTY CYCLE

40 MHz, 802.11(n) MCS7, Ch 149/153, Low Channel 5755 MHz						
	Pulse Width	Period	Number of Pulses	Value (%)	Limit (%)	Results
	102.2 us	201.7 us	1	50.7	N/A	N/A

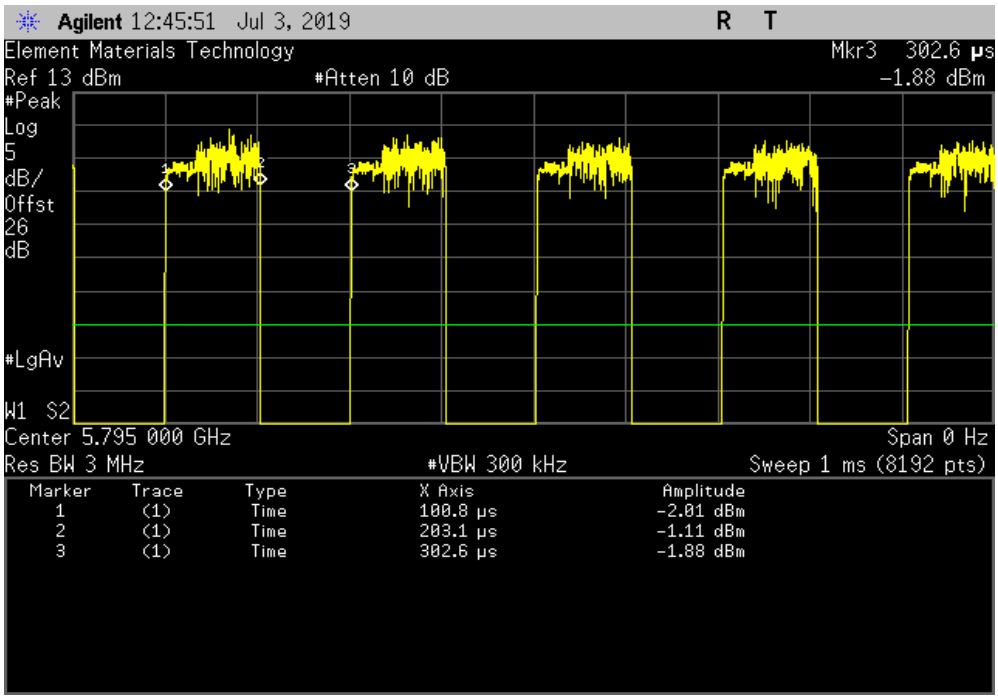


40 MHz, 802.11(n) MCS7, Ch 149/153, Low Channel 5755 MHz						
	Pulse Width	Period	Number of Pulses	Value (%)	Limit (%)	Results
	N/A	N/A	5	N/A	N/A	N/A

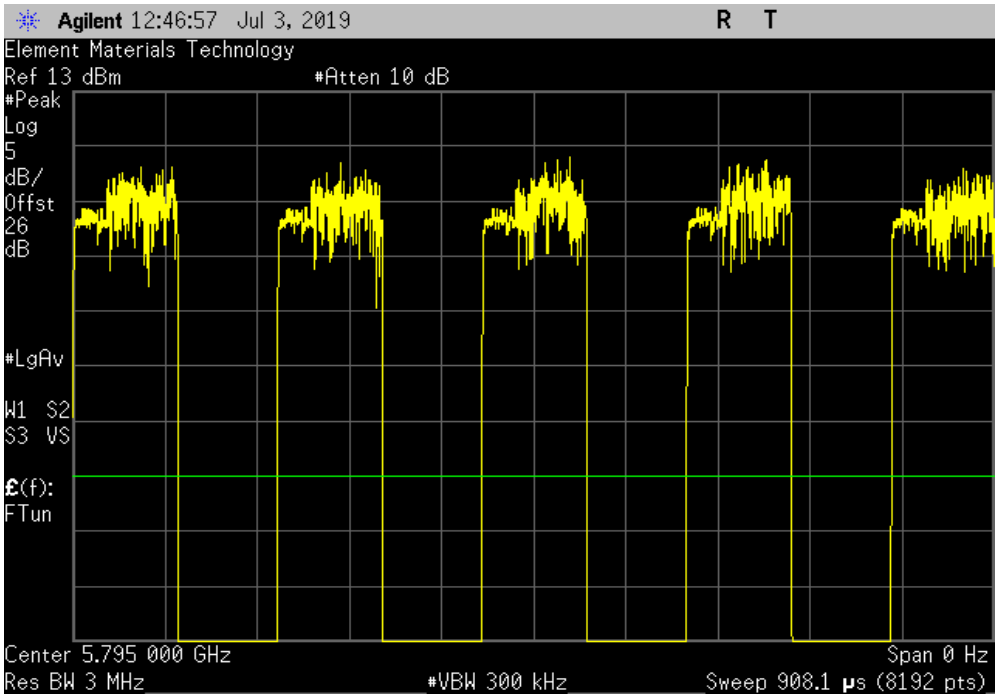


DUTY CYCLE

40 MHz, 802.11(n) MCS7, Ch 157/161, High Channel 5795 MHz						
	Pulse Width	Period	Number of Pulses	Value (%)	Limit (%)	Results
	102.3 us	201.8 us	1	50.7	N/A	N/A



40 MHz, 802.11(n) MCS7, Ch 157/161, High Channel 5795 MHz						
	Pulse Width	Period	Number of Pulses	Value (%)	Limit (%)	Results
	N/A	N/A	5	N/A	N/A	N/A



MAXIMUM CONDUCTED OUTPUT POWER

XMit 2019.05.15

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.	Cal. Due
Generator - Signal	Agilent	E8257D	TGU	15-Feb-18	15-Feb-21
Cable	Fairview Microwave	SCA1814-0101-120	OCZ	NCR	NCR
Attenuator	Fairview Microwave	SA18H-20	TKR	20-Dec-18	20-Dec-19
Block - DC	Fairview Microwave	SD3379	AMV	3-Jan-19	3-Jan-20
Analyzer - Spectrum Analyzer	Agilent	E4446A	AAY	30-Nov-18	30-Nov-19

TEST DESCRIPTION

The measurement was made using a direct connection between the RF output of the EUT and a spectrum analyzer. 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.

Prior to measuring maximum transmit power; the emission bandwidth (B) and the transmission pulse duration (T) were measured. The method of measuring the emission bandwidth and the associated data are found elsewhere in this test report. The transmission pulse duration (T) was measured using a zero span on the spectrum analyzer to see the pulses in the time domain.

The maximum conducted output power 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).

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

-RMS Detector

-Trace average 100 traces in power averaging mode.

-Power was integrated across “B”, by using the channel power function of the analyzer.

A duty cycle correction factor was added to the measurement using the results of the formula of 10*LOG(1/D) where D is the duty cycle.

MAXIMUM CONDUCTED OUTPUT POWER

element

TbtTx 2018.09.13 XMit 2019.05.15

EUT:	**MWMII**			**Work Order:**	**MASI0553**
Serial Number:	**ENG-1**			**Date:**	**16-Jul-19**
Customer:	**Masimo Corporation**			**Temperature:**	**24..5 °C**
Attendees:	**Anami Joshi & Nghi Nguyen**			**Humidity:**	**47.2% RH**
Project:	**None**			**Barometric Pres.:**	**1015 mbar**
Tested by:	**Nolan De Ramos, Luis Flores, and Mark Baytan**	**Power:**	**3.6VDC**	**Job Site:**	**OC13**

TEST SPECIFICATIONS	**Test Method**
FCC 15.407:2019	ANSI C63.10:2013

COMMENTS

Reference level offset: DC block + 20dB attenuator + coax cable + client provided patch cable = 26.3dB Total Offset (5.2 GHz - 5.35 GHz)
Reference level offset: DC block + 20dB attenuator + coax cable + client provided patch cable = 26dB Total Offset (5.35 GHz - 5.8 GHz)

DEVIATIONS FROM TEST STANDARD

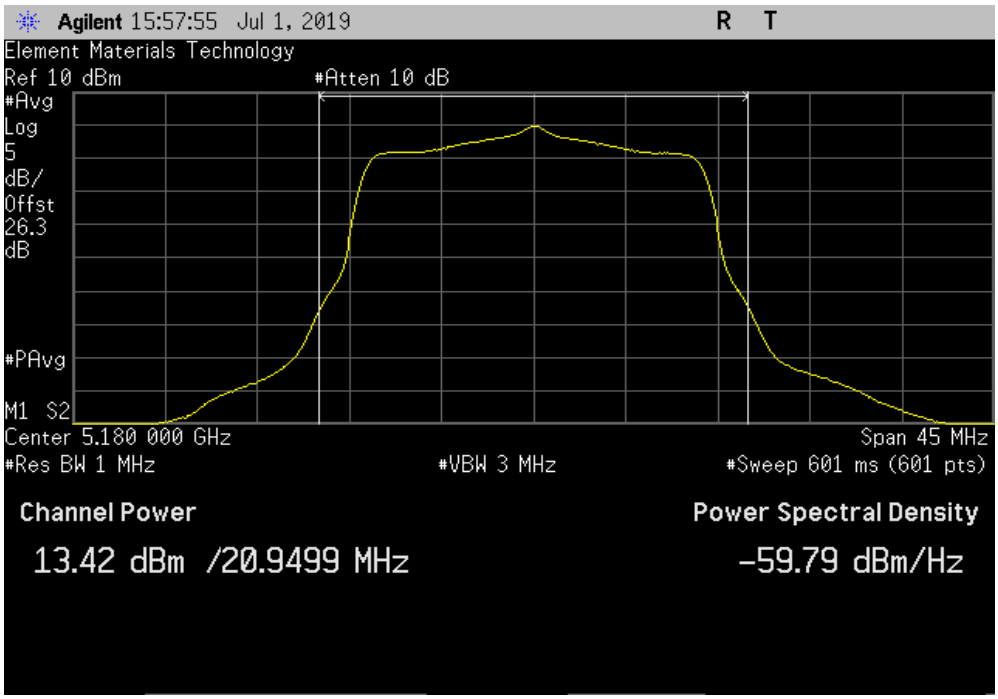
None

Configuration #	**8**	

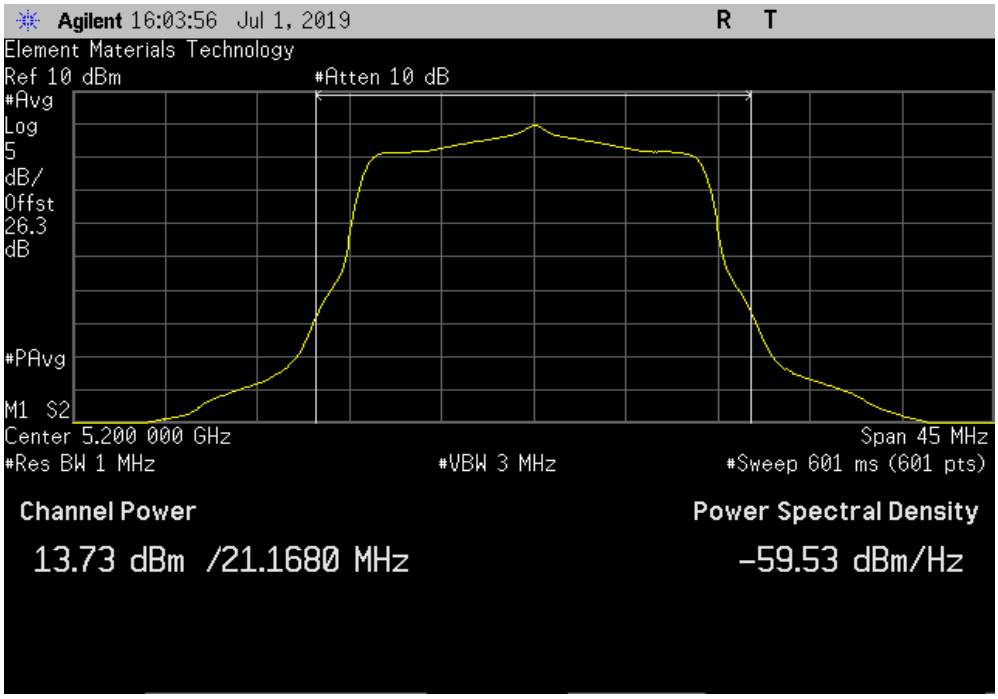
	Avg Cond Pwr (dBm)	Duty Cycle Factor (dB)	Out Pwr (dBm)	Limit (dBm)	Result
20 MHz					
802.11(a) 6 Mbps					
Ch 36, Low Channel 5180 MHz	13.418	0.3	13.7	24	Pass
Ch 40, Mid Channel 5200 MHz	13.725	0.3	14.0	24	Pass
Ch 48, High Channel 5240 MHz	13.934	0.3	14.2	24	Pass
Ch 52, Low Channel 5260 MHz	13.479	0.3	13.8	24	Pass
Ch 60, Mid Channel 5300 MHz	13.556	0.3	13.9	24	Pass
Ch 64, High Channel 5320 MHz	13.763	0.3	14.1	24	Pass
Ch 100, Low Channel 5500 MHz	13.082	0.3	13.4	24	Pass
Ch 116, Mid Channel 5580 MHz	12.907	0.3	13.2	24	Pass
Ch 140, High Channel 5700 MHz	12.103	0.3	12.4	24	Pass
Ch 149, Low Channel 5745 MHz	12.327	0.3	12.6	30	Pass
Ch 157, Mid Channel 5785 MHz	11.774	0.3	12.1	30	Pass
Ch 165, High Channel 5825 MHz	11.027	0.3	11.3	30	Pass
802.11(a) 36 Mbps					
Ch 36, Low Channel 5180 MHz	12.261	1.5	13.7	24	Pass
Ch 40, Mid Channel 5200 MHz	12.43	1.5	13.9	24	Pass
Ch 48, High Channel 5240 MHz	12.582	1.5	14.0	24	Pass
Ch 52, Low Channel 5260 MHz	12.141	1.5	13.6	24	Pass
Ch 60, Mid Channel 5300 MHz	12.300	1.5	13.8	24	Pass
Ch 64, High Channel 5320 MHz	12.438	1.5	13.9	24	Pass
Ch 100, Low Channel 5500 MHz	11.867	1.5	13.3	24	Pass
Ch 116, Mid Channel 5580 MHz	11.946	1.4	13.4	24	Pass
Ch 140, High Channel 5700 MHz	10.906	1.4	12.4	24	Pass
Ch 149, Low Channel 5745 MHz	10.935	1.4	12.4	30	Pass
Ch 157, Mid Channel 5785 MHz	10.401	1.4	11.8	30	Pass
Ch 165, High Channel 5825 MHz	10.03	1.4	11.5	30	Pass
802.11(a) 54 Mbps					
Ch 36, Low Channel 5180 MHz	11.704	1.9	13.6	24	Pass
Ch 40, Mid Channel 5200 MHz	11.767	2	13.7	24	Pass
Ch 48, High Channel 5240 MHz	12.072	1.9	14.0	24	Pass
Ch 52, Low Channel 5260 MHz	11.557	2	13.5	24	Pass
Ch 60, Mid Channel 5300 MHz	11.762	1.9	13.7	24	Pass
Ch 64, High Channel 5320 MHz	12.070	1.9	14.0	24	Pass
Ch 100, Low Channel 5500 MHz	11.263	1.9	13.2	24	Pass
Ch 116, Mid Channel 5580 MHz	11.276	1.9	13.2	24	Pass
Ch 140, High Channel 5700 MHz	10.484	1.9	12.4	24	Pass
Ch 149, Low Channel 5745 MHz	10.594	1.9	12.5	30	Pass
Ch 157, Mid Channel 5785 MHz	10.004	1.9	11.9	30	Pass
Ch 165, High Channel 5825 MHz	9.648	2	11.6	30	Pass
802.11(n) MCS0					
Ch 36, Low Channel 5180 MHz	14.586	0.3	14.9	24	Pass
Ch 40, Mid Channel 5200 MHz	14.747	0.3	15.1	24	Pass
Ch 48, High Channel 5240 MHz	13.695	0.3	14.0	24	Pass
Ch 52, Low Channel 5260 MHz	14.571	0.3	14.9	24	Pass
Ch 60, Mid Channel 5300 MHz	14.766	0.3	15.1	24	Pass
Ch 64, High Channel 5320 MHz	14.886	0.3	15.2	24	Pass
Ch 100, Low Channel 5500 MHz	14.077	0.3	14.4	24	Pass
Ch 116, Mid Channel 5580 MHz	13.928	0.3	14.2	24	Pass
Ch 140, High Channel 5700 MHz	13.291	0.3	13.6	24	Pass
Ch 149, Low Channel 5745 MHz	13.412	0.3	13.7	30	Pass
Ch 157, Mid Channel 5785 MHz	12.781	0.3	13.1	30	Pass
Ch 165, High Channel 5825 MHz	12.337	0.3	12.7	30	Pass
802.11(n) MCS7					
Ch 36, Low Channel 5180 MHz	12.849	2.1	14.9	24	Pass
Ch 40, Mid Channel 5200 MHz	11.597	2.1	13.7	24	Pass
Ch 48, High Channel 5240 MHz	11.925	2.1	14.0	24	Pass
Ch 52, Low Channel 5260 MHz	13.009	2.1	15.1	24	Pass
Ch 60, Mid Channel 5300 MHz	13.172	2	15.2	24	Pass
Ch 64, High Channel 5320 MHz	13.298	2	15.3	24	Pass
Ch 100, Low Channel 5500 MHz	12.374	2	14.4	24	Pass
Ch 116, Mid Channel 5580 MHz	12.385	2	14.4	24	Pass
Ch 140, High Channel 5700 MHz	11.758	2.1	13.8	24	Pass
Ch 149, Low Channel 5745 MHz	11.814	2	13.9	30	Pass
Ch 157, Mid Channel 5785 MHz	11.216	2	13.3	30	Pass
Ch 165, High Channel 5825 MHz	10.546	2	12.6	30	Pass
40 MHz					
802.11(n) MCS0					
Ch 36/40, Low Channel 5190 MHz	11.500	0.6	12.1	24	Pass
Ch 44/48, High Channel 5230 MHz	11.823	0.6	12.4	24	Pass
Ch 52/56, Low Channel 5270 MHz	11.513	0.6	12.1	24	Pass
Ch 60/64, High Channel 5310 MHz	11.734	0.6	12.3	24	Pass
Ch 100/104, Low Channel 5510 MHz	11.152	0.6	11.8	24	Pass
Ch 116/120, Mid Channel 5590 MHz	11.291	0.6	11.9	24	Pass
Ch 132/136, High Channel 5670 MHz	11.229	0.6	11.8	24	Pass
Ch 149/153, Low Channel 5755 MHz	10.624	0.6	11.2	24	Pass
Ch 157/161, High Channel 5795 MHz	10.214	0.6	10.8	24	Pass

802.11(n) MCS7					
Ch 36/40, Low Channel 5190 MHz	8.972	3	11.9	24	Pass
Ch 44/48, High Channel 5230 MHz	9.211	3	12.2	24	Pass
Ch 52/56, Low Channel 5270 MHz	8.869	3	11.8	24	Pass
Ch 60/64, High Channel 5310 MHz	9.363	3	12.3	24	Pass
Ch 100/104, Low Channel 5510 MHz	8.528	3	11.5	24	Pass
Ch 116/120, Mid Channel 5590 MHz	8.734	3	11.7	24	Pass
Ch 132/136, High Channel 5670 MHz	8.758	2.9	11.7	24	Pass
Ch 149/153, Low Channel 5755 MHz	8.393	2.9	11.3	24	Pass
Ch 157/161, High Channel 5795 MHz	8.255	2.9	11.2	24	Pass

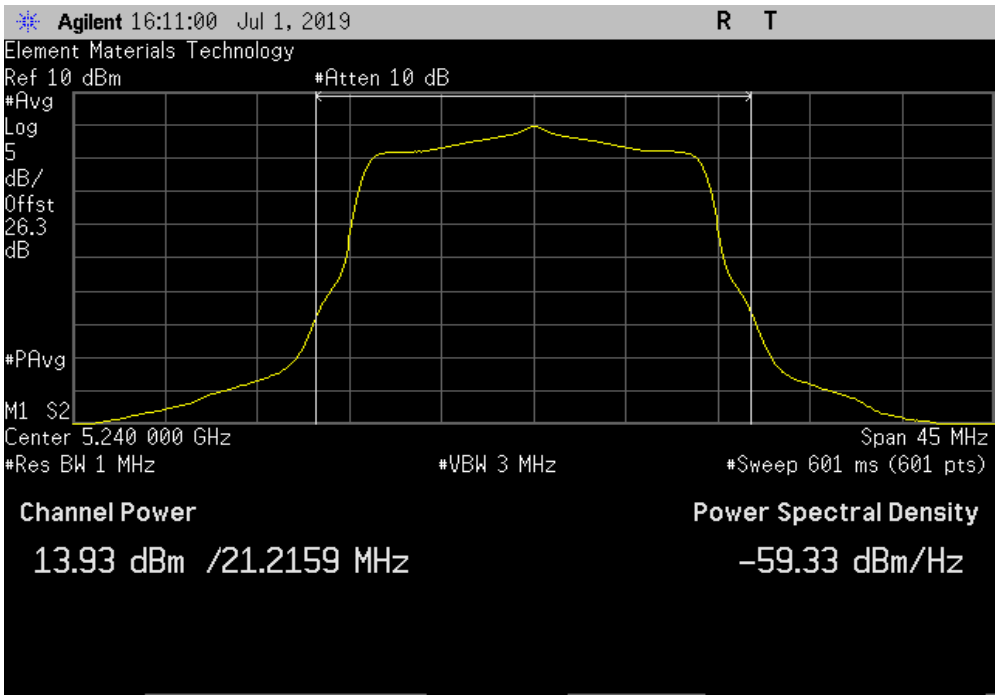
20 MHz, 802.11(a) 6 Mbps, Ch 36, Low Channel 5180 MHz						
		Avg Cond Pwr (dBm)	Duty Cycle Factor (dB)	Out Pwr (dBm)	Limit (dBm)	Result
		13.418	0.3	13.7	24	Pass



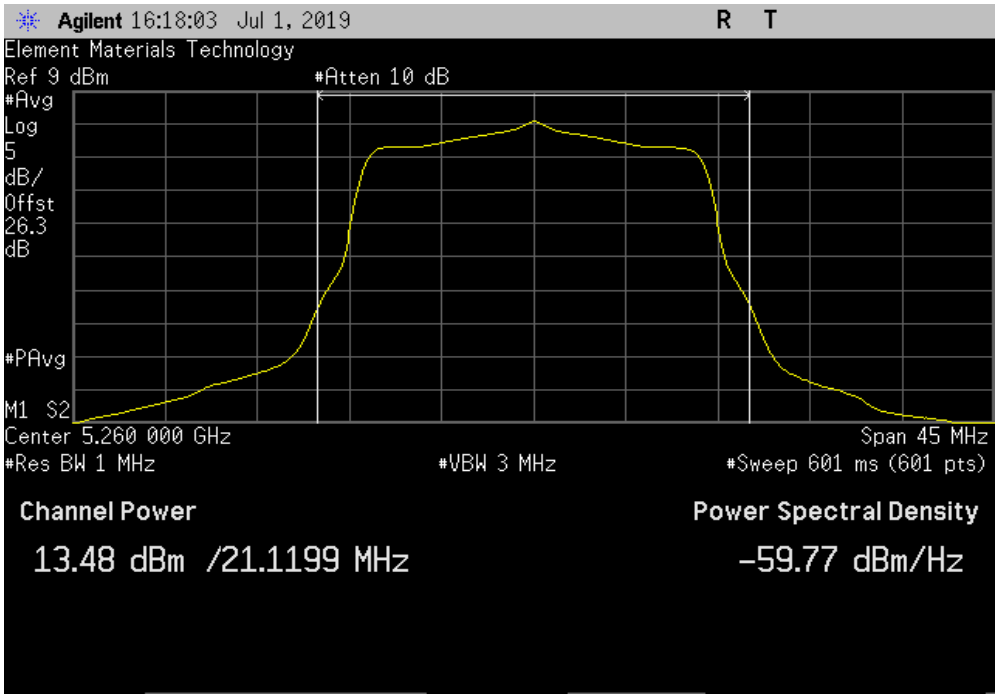
20 MHz, 802.11(a) 6 Mbps, Ch 40, Mid Channel 5200 MHz						
		Avg Cond Pwr (dBm)	Duty Cycle Factor (dB)	Out Pwr (dBm)	Limit (dBm)	Result
		13.725	0.3	14	24	Pass



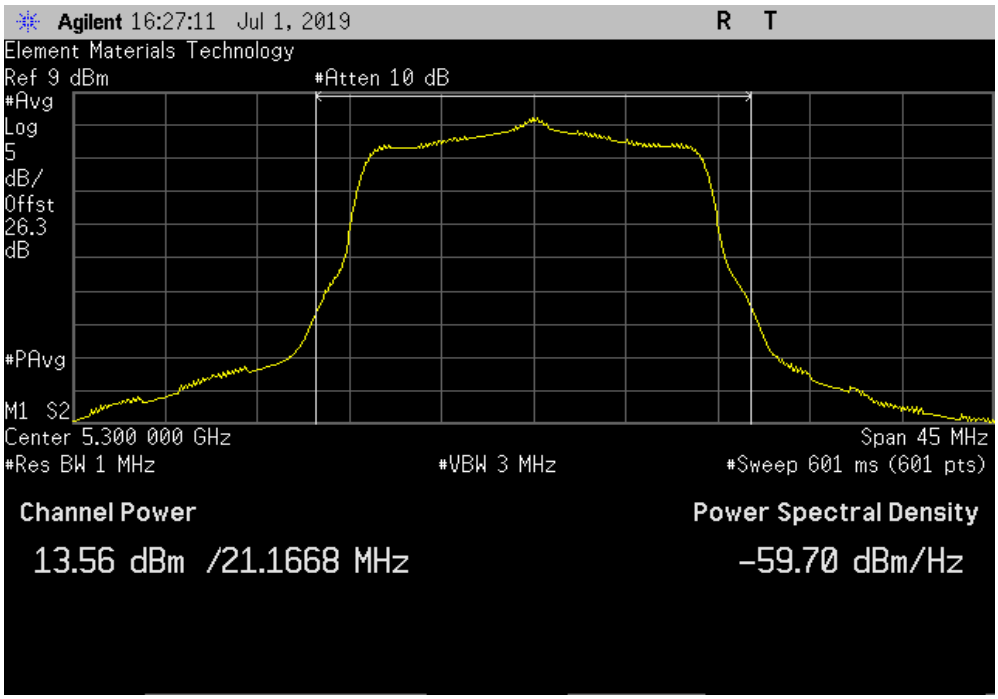
20 MHz, 802.11(a) 6 Mbps, Ch 48, High Channel 5240 MHz						
		Avg Cond Pwr (dBm)	Duty Cycle Factor (dB)	Out Pwr (dBm)	Limit (dBm)	Result
		13.934	0.3	14.2	24	Pass



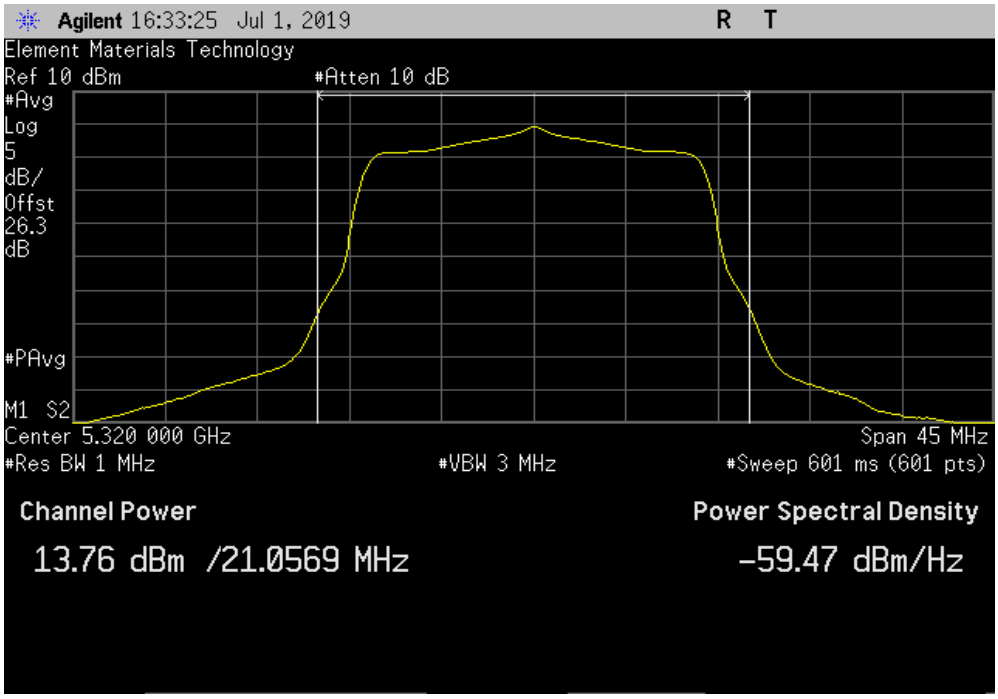
20 MHz, 802.11(a) 6 Mbps, Ch 52, Low Channel 5260 MHz						
		Avg Cond Pwr (dBm)	Duty Cycle Factor (dB)	Out Pwr (dBm)	Limit (dBm)	Result
		13.479	0.3	13.8	24	Pass



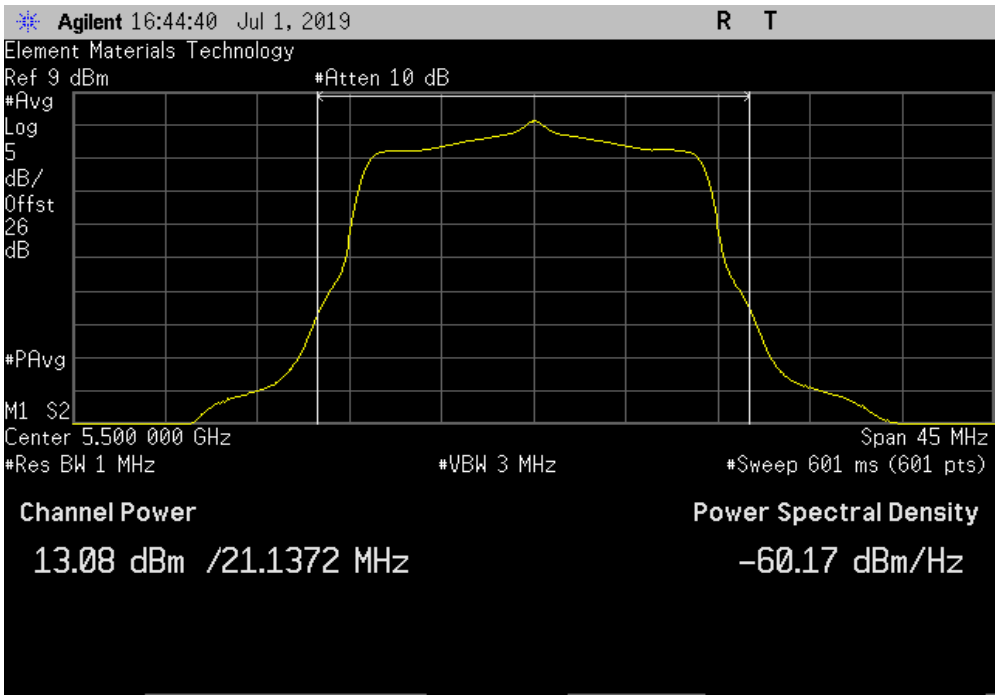
20 MHz, 802.11(a) 6 Mbps, Ch 60, Mid Channel 5300 MHz						
		Avg Cond Pwr (dBm)	Duty Cycle Factor (dB)	Out Pwr (dBm)	Limit (dBm)	Result
		13.556	0.3	13.9	24	Pass



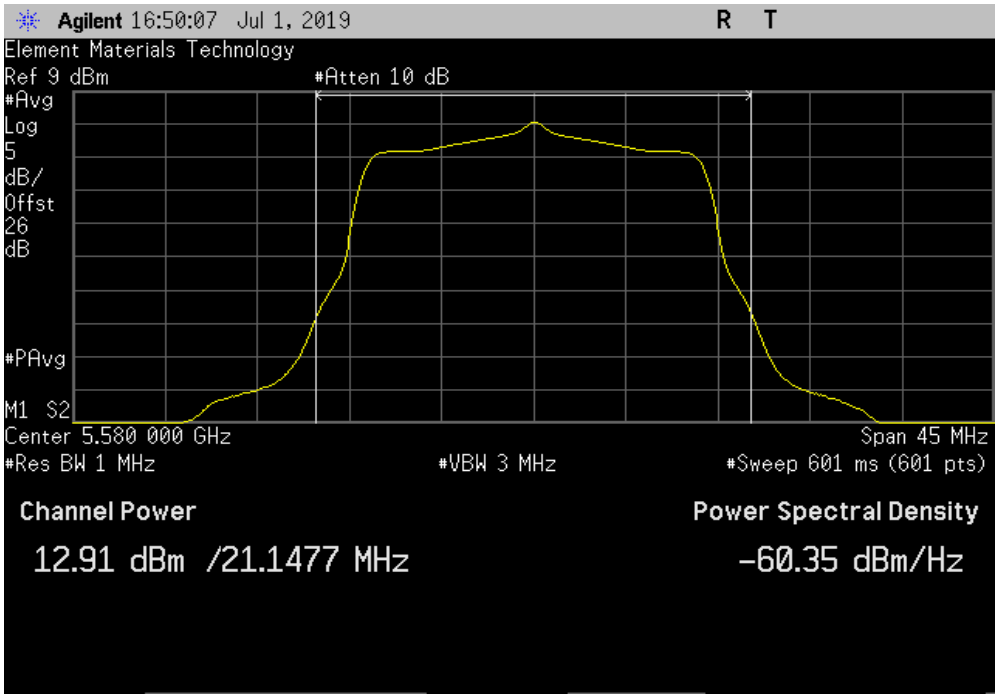
20 MHz, 802.11(a) 6 Mbps, Ch 64, High Channel 5320 MHz						
		Avg Cond Pwr (dBm)	Duty Cycle Factor (dB)	Out Pwr (dBm)	Limit (dBm)	Result
		13.763	0.3	14.1	24	Pass



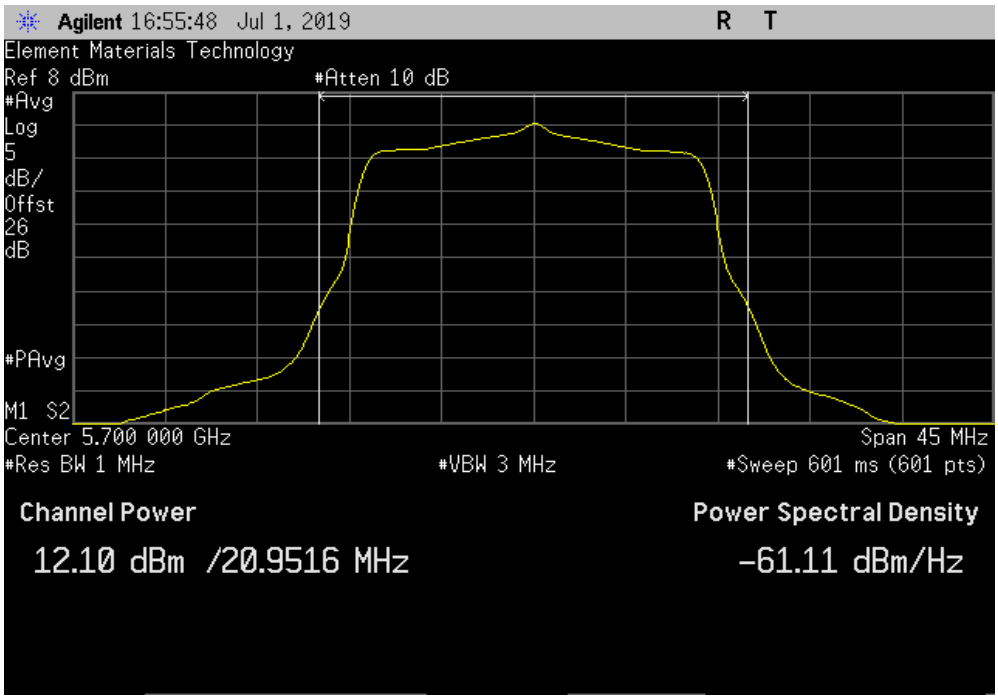
20 MHz, 802.11(a) 6 Mbps, Ch 100, Low Channel 5500 MHz						
		Avg Cond Pwr (dBm)	Duty Cycle Factor (dB)	Out Pwr (dBm)	Limit (dBm)	Result
		13.082	0.3	13.4	24	Pass



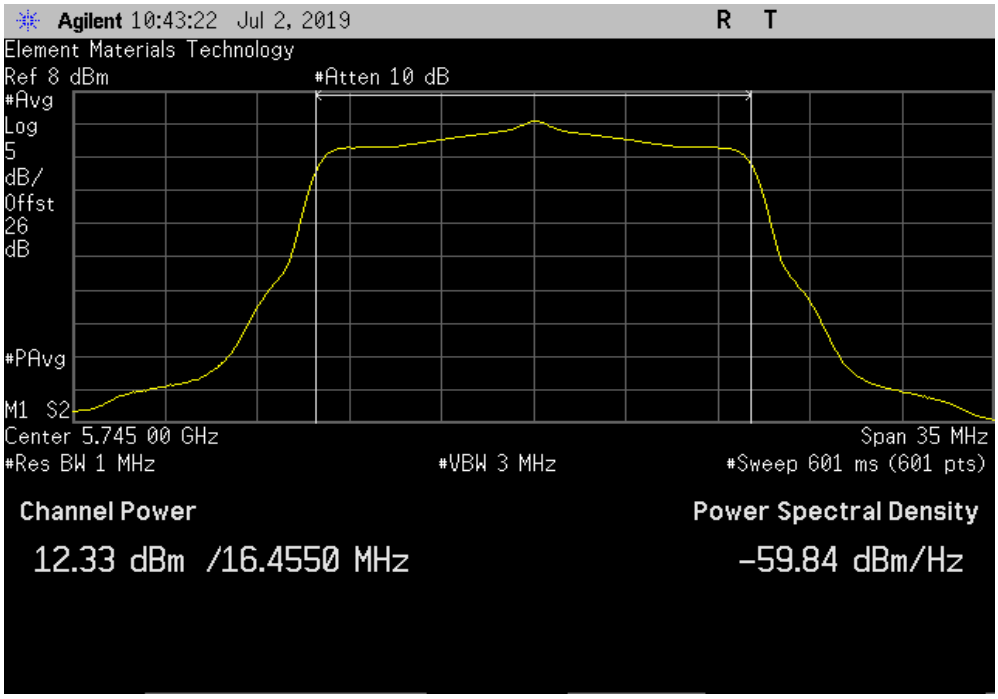
20 MHz, 802.11(a) 6 Mbps, Ch 116, Mid Channel 5580 MHz						
		Avg Cond Pwr (dBm)	Duty Cycle Factor (dB)	Out Pwr (dBm)	Limit (dBm)	Result
		12.907	0.3	13.2	24	Pass



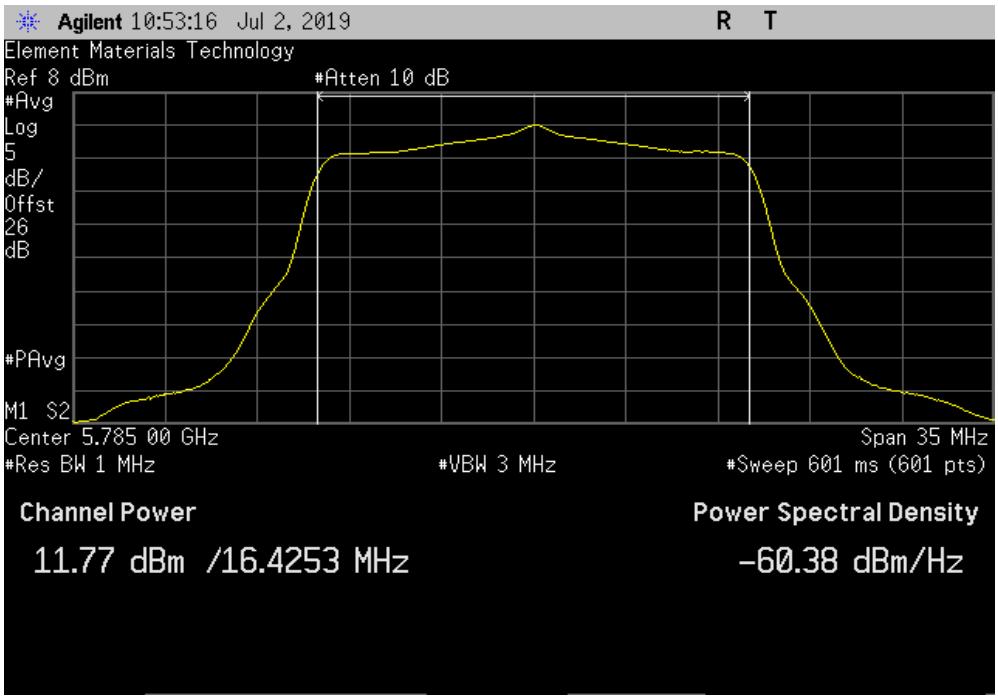
20 MHz, 802.11(a) 6 Mbps, Ch 140, High Channel 5700 MHz						
		Avg Cond Pwr (dBm)	Duty Cycle Factor (dB)	Out Pwr (dBm)	Limit (dBm)	Result
		12.103	0.3	12.4	24	Pass



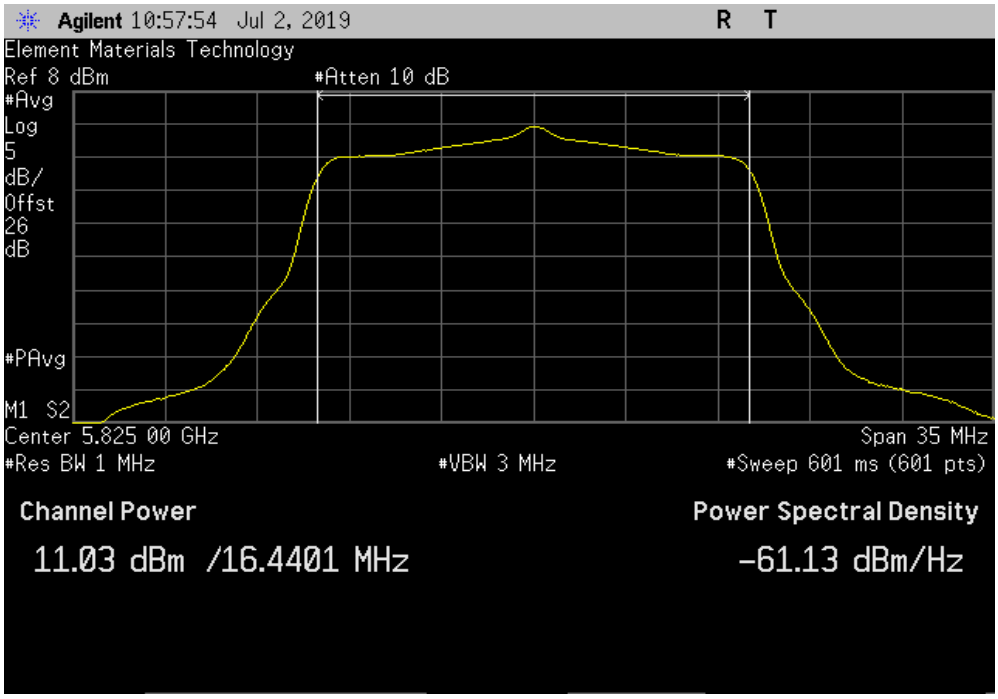
20 MHz, 802.11(a) 6 Mbps, Ch 149, Low Channel 5745 MHz						
		Avg Cond Pwr (dBm)	Duty Cycle Factor (dB)	Out Pwr (dBm)	Limit (dBm)	Result
		12.327	0.3	12.6	30	Pass



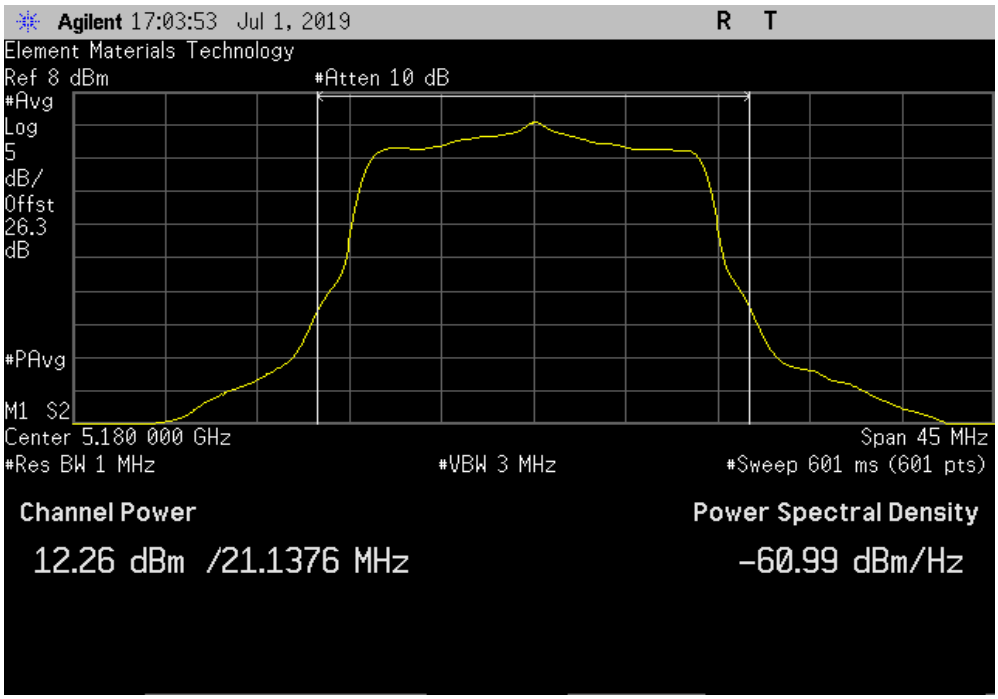
20 MHz, 802.11(a) 6 Mbps, Ch 157, Mid Channel 5785 MHz						
		Avg Cond Pwr (dBm)	Duty Cycle Factor (dB)	Out Pwr (dBm)	Limit (dBm)	Result
		11.774	0.3	12.1	30	Pass



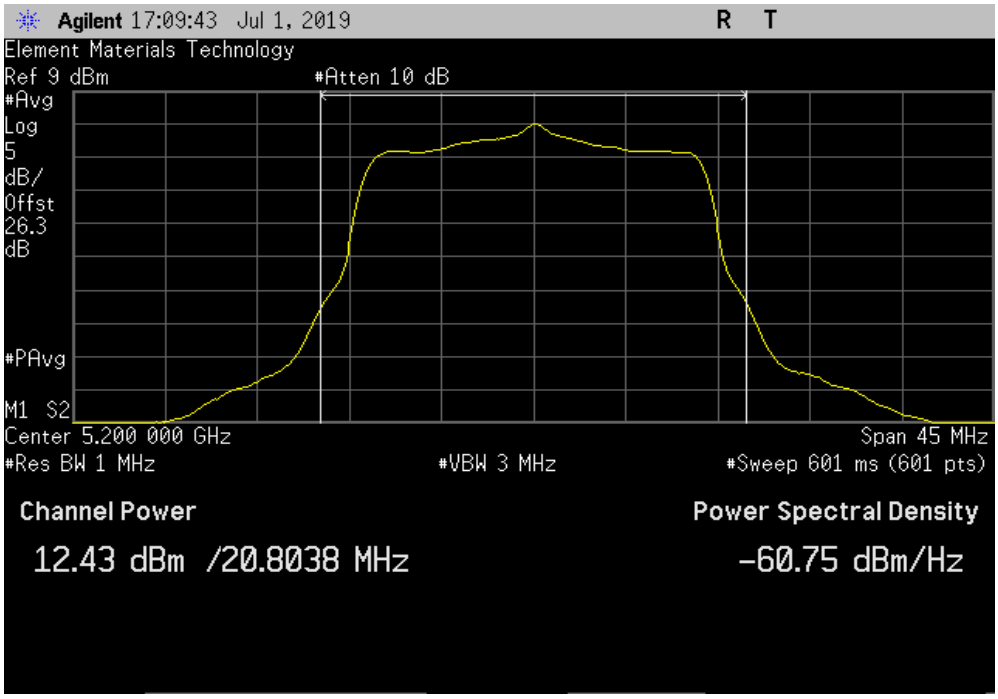
20 MHz, 802.11(a) 6 Mbps, Ch 165, High Channel 5825 MHz						
		Avg Cond Pwr (dBm)	Duty Cycle Factor (dB)	Out Pwr (dBm)	Limit (dBm)	Result
		11.027	0.3	11.3	30	Pass



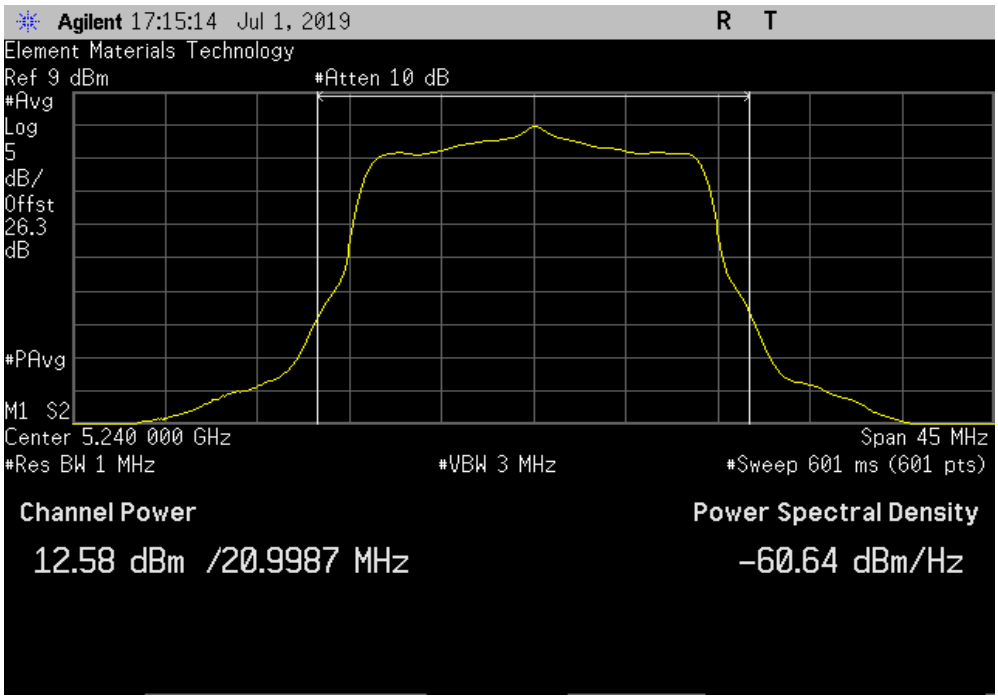
20 MHz, 802.11(a) 36 Mbps, Ch 36, Low Channel 5180 MHz						
		Avg Cond Pwr (dBm)	Duty Cycle Factor (dB)	Out Pwr (dBm)	Limit (dBm)	Result
		12.261	1.5	13.7	24	Pass



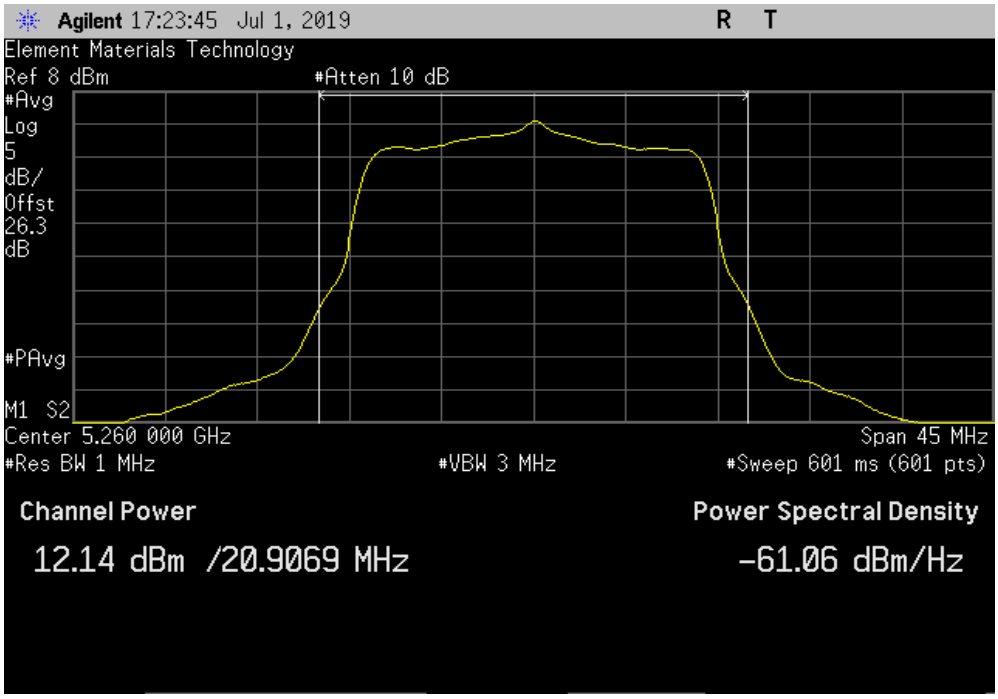
20 MHz, 802.11(a) 36 Mbps, Ch 40, Mid Channel 5200 MHz						
		Avg Cond Pwr (dBm)	Duty Cycle Factor (dB)	Out Pwr (dBm)	Limit (dBm)	Result
		12.43	1.5	13.9	24	Pass



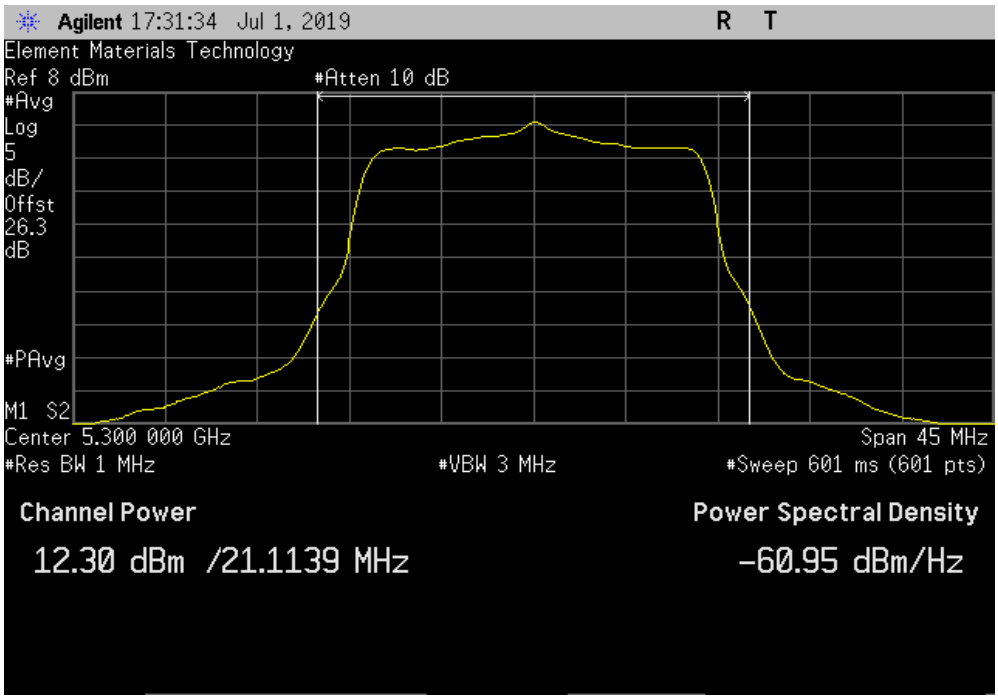
20 MHz, 802.11(a) 36 Mbps, Ch 48, High Channel 5240 MHz						
		Avg Cond Pwr (dBm)	Duty Cycle Factor (dB)	Out Pwr (dBm)	Limit (dBm)	Result
		12.582	1.5	14	24	Pass



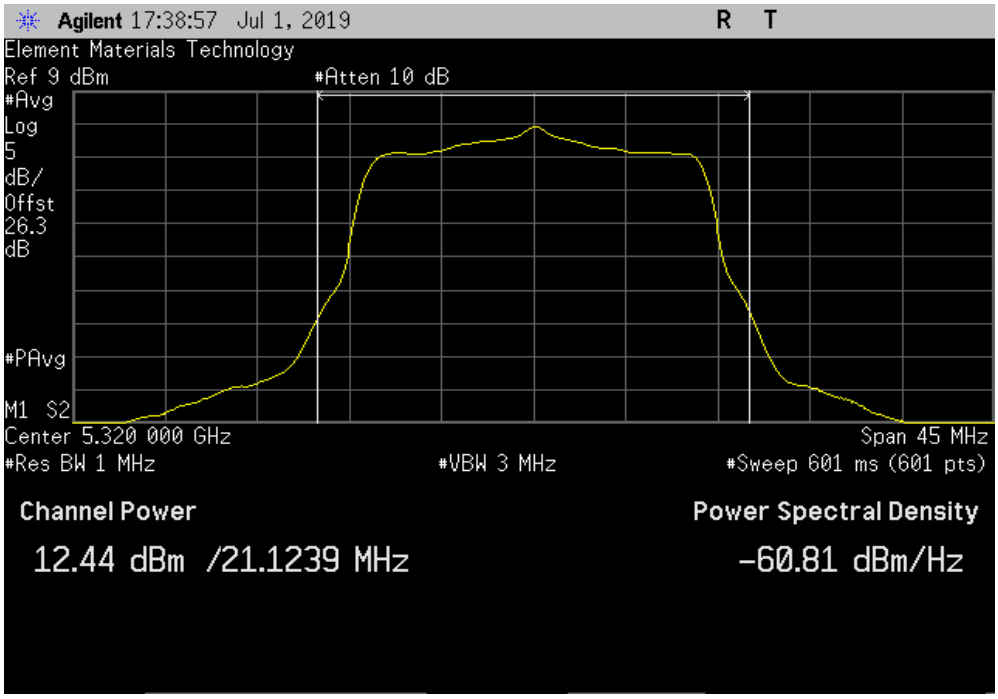
20 MHz, 802.11(a) 36 Mbps, Ch 52, Low Channel 5260 MHz						
		Avg Cond Pwr (dBm)	Duty Cycle Factor (dB)	Out Pwr (dBm)	Limit (dBm)	Result
		12.141	1.5	13.6	24	Pass



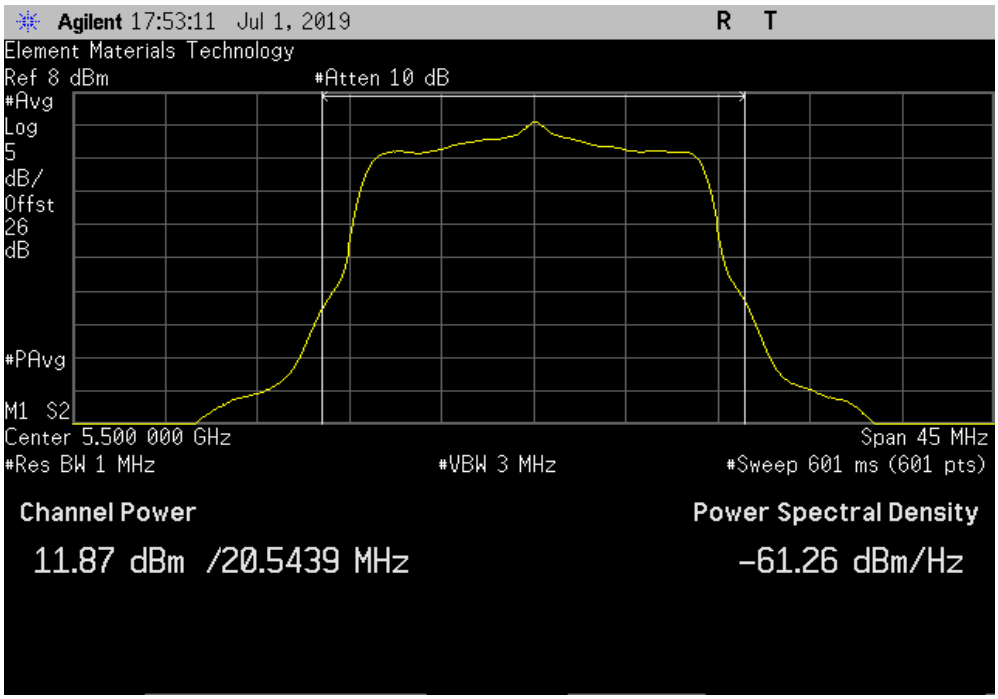
20 MHz, 802.11(a) 36 Mbps, Ch 60, Mid Channel 5300 MHz						
		Avg Cond Pwr (dBm)	Duty Cycle Factor (dB)	Out Pwr (dBm)	Limit (dBm)	Result
		12.3	1.5	13.8	24	Pass



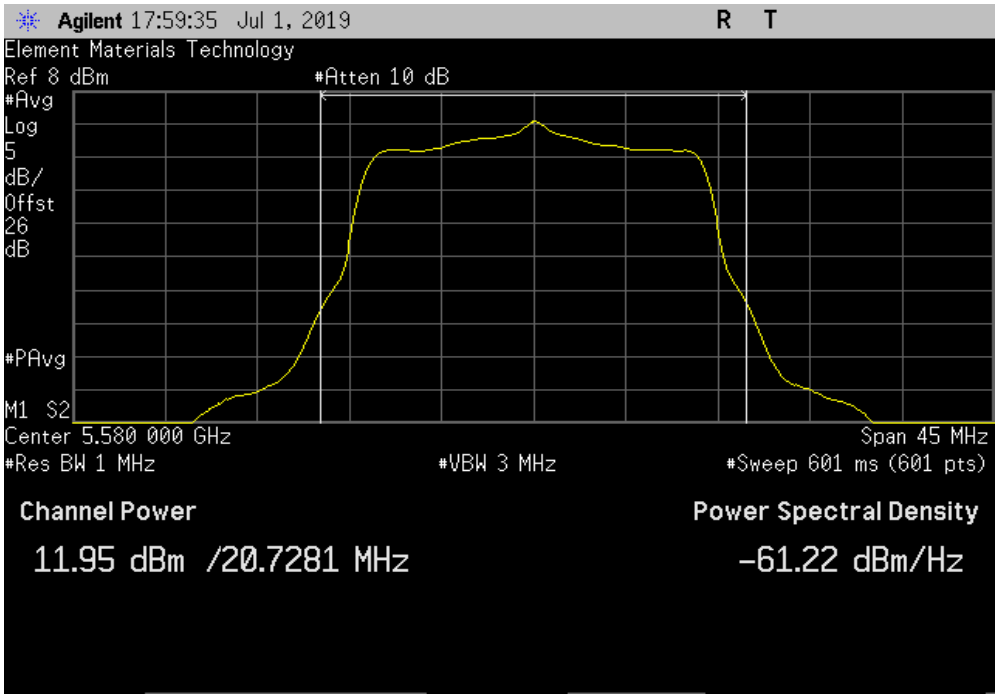
20 MHz, 802.11(a) 36 Mbps, Ch 64, High Channel 5320 MHz						
		Avg Cond Pwr (dBm)	Duty Cycle Factor (dB)	Out Pwr (dBm)	Limit (dBm)	Result
		12.438	1.5	13.9	24	Pass



20 MHz, 802.11(a) 36 Mbps, Ch 100, Low Channel 5500 MHz						
		Avg Cond Pwr (dBm)	Duty Cycle Factor (dB)	Out Pwr (dBm)	Limit (dBm)	Result
		11.867	1.5	13.3	24	Pass

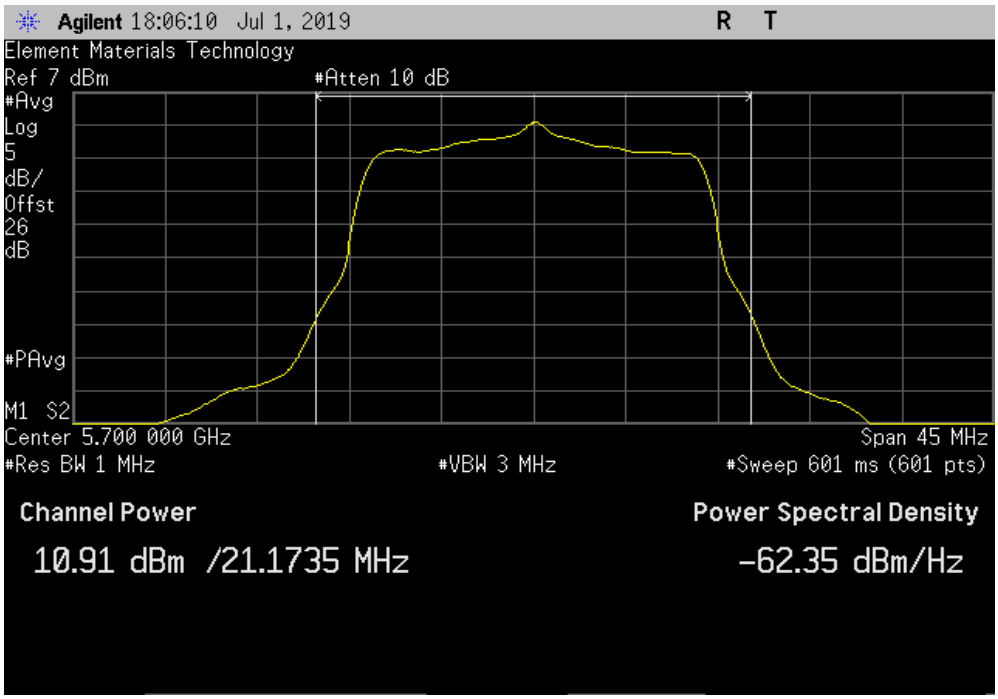


20 MHz, 802.11(a) 36 Mbps, Ch 116, Mid Channel 5580 MHz						
		Avg Cond Pwr (dBm)	Duty Cycle Factor (dB)	Out Pwr (dBm)	Limit (dBm)	Result
		11.946	1.4	13.4	24	Pass

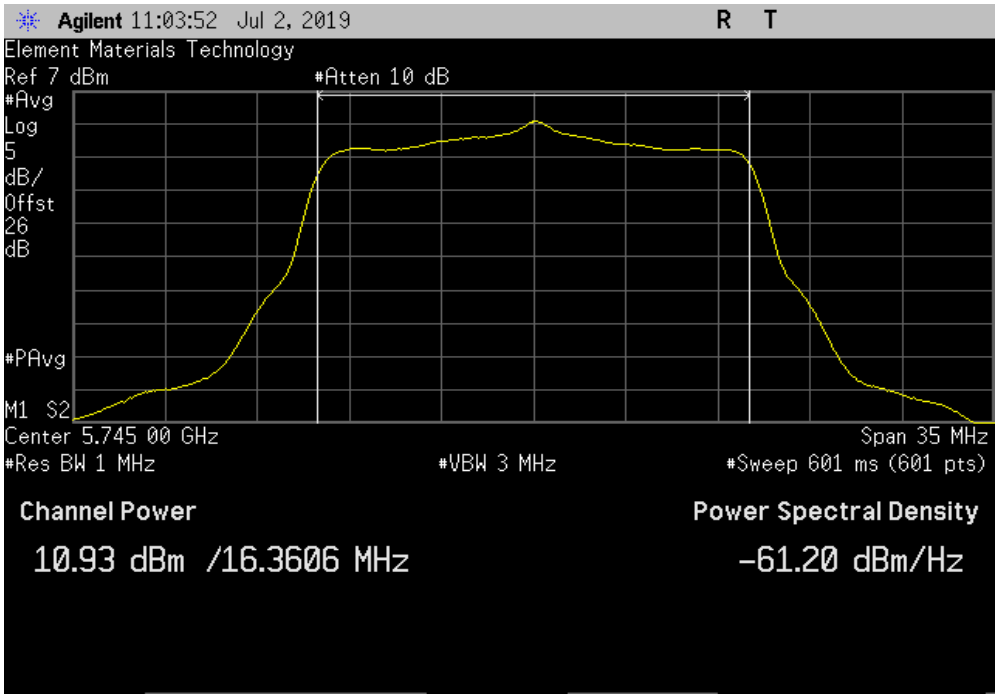


MAXIMUM CONDUCTED OUTPUT POWER

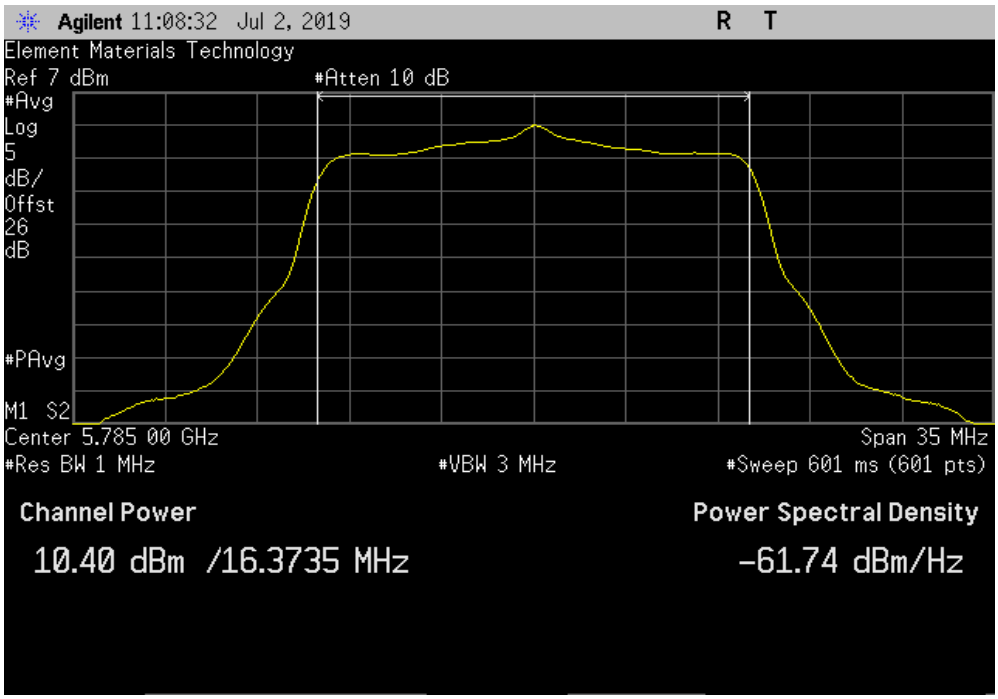
20 MHz, 802.11(a) 36 Mbps, Ch 140, High Channel 5700 MHz						
		Avg Cond Pwr (dBm)	Duty Cycle Factor (dB)	Out Pwr (dBm)	Limit (dBm)	Result
		10.906	1.4	12.4	24	Pass



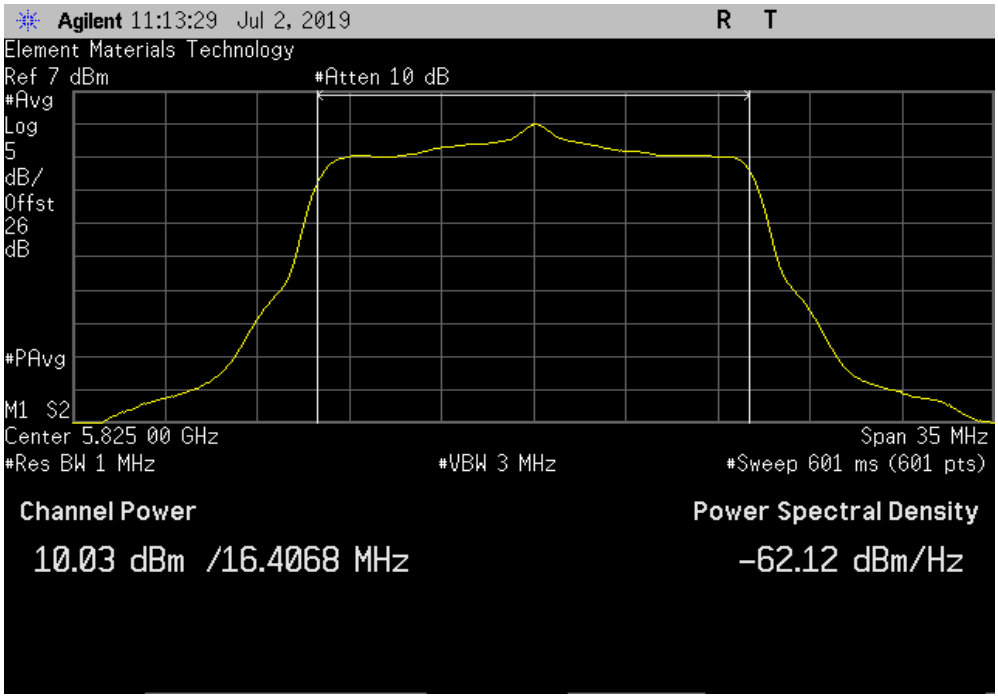
20 MHz, 802.11(a) 36 Mbps, Ch 149, Low Channel 5745 MHz						
		Avg Cond Pwr (dBm)	Duty Cycle Factor (dB)	Out Pwr (dBm)	Limit (dBm)	Result
		10.935	1.4	12.4	30	Pass



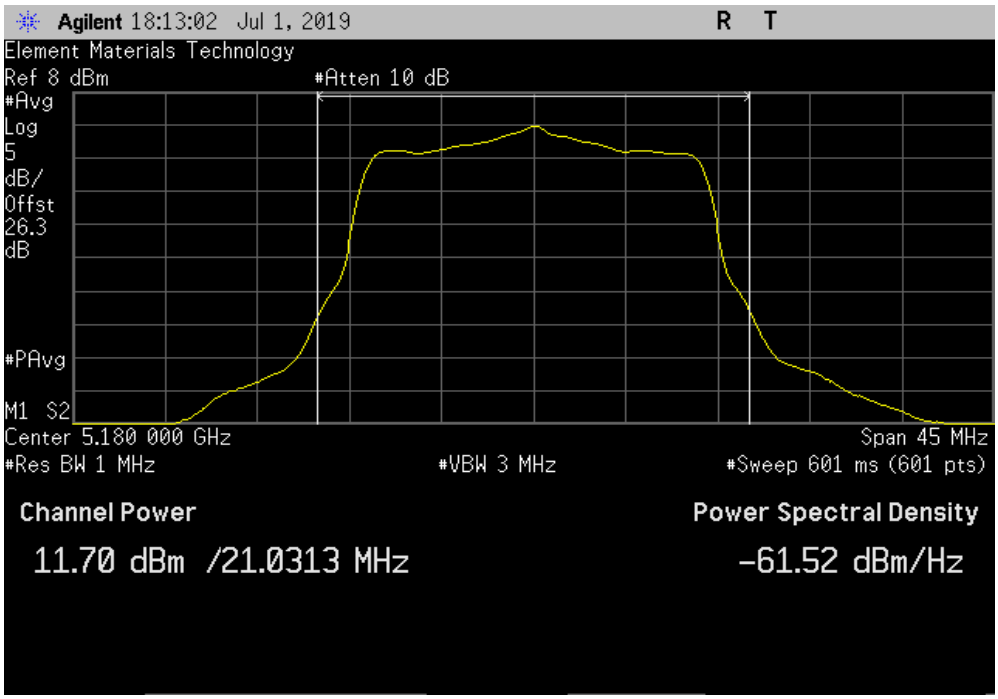
20 MHz, 802.11(a) 36 Mbps, Ch 157, Mid Channel 5785 MHz						
		Avg Cond Pwr (dBm)	Duty Cycle Factor (dB)	Out Pwr (dBm)	Limit (dBm)	Result
		10.401	1.4	11.8	30	Pass



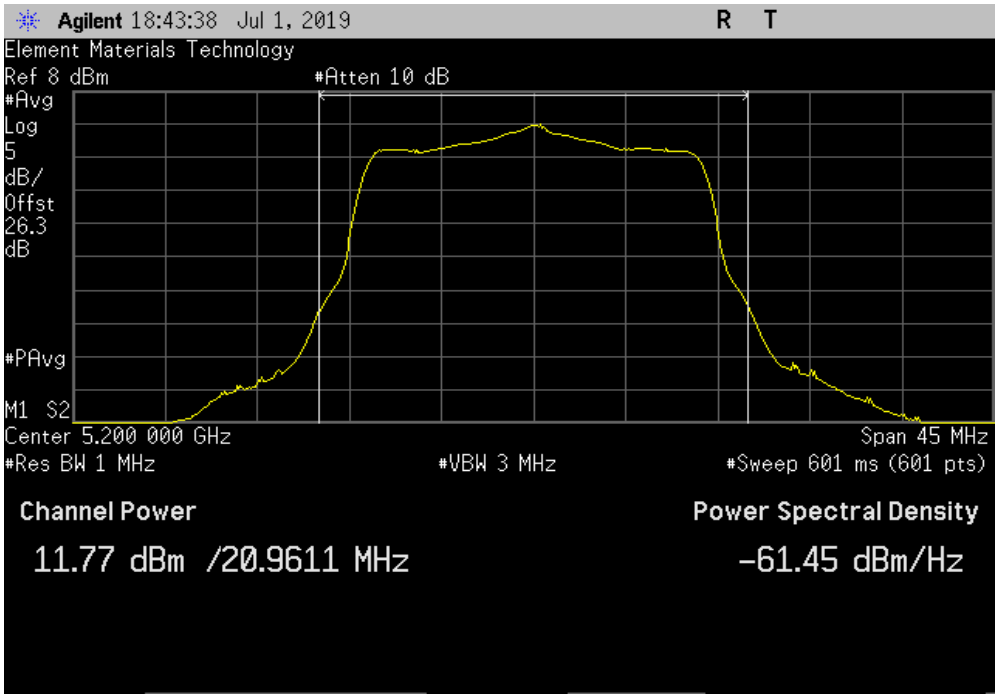
20 MHz, 802.11(a) 36 Mbps, Ch 165, High Channel 5825 MHz						
		Avg Cond Pwr (dBm)	Duty Cycle Factor (dB)	Out Pwr (dBm)	Limit (dBm)	Result
		10.03	1.4	11.5	30	Pass



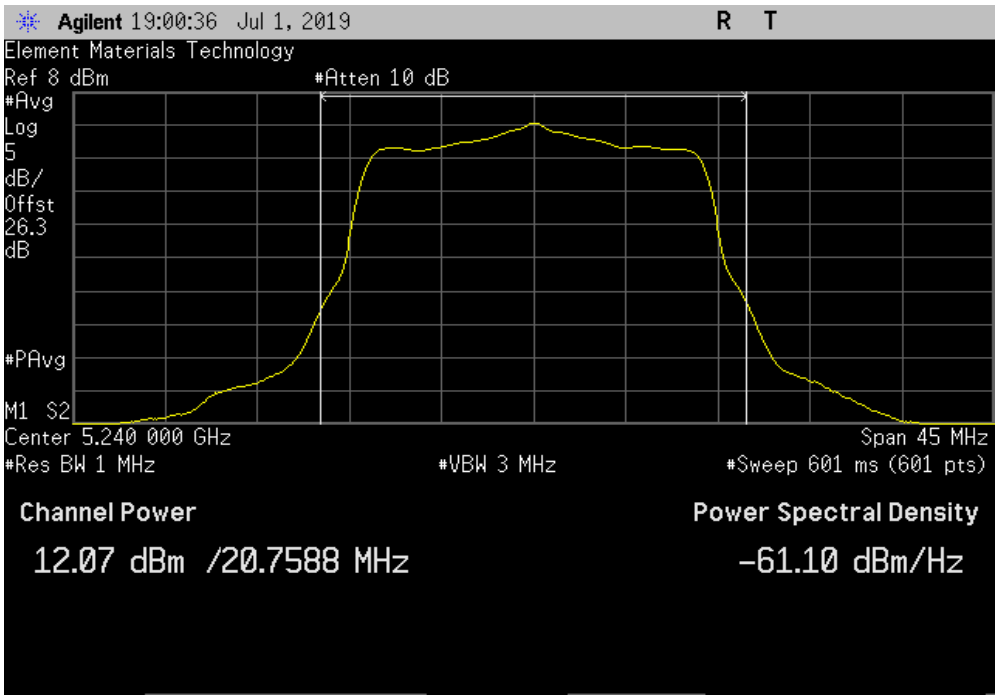
20 MHz, 802.11(a) 54 Mbps, Ch 36, Low Channel 5180 MHz						
		Avg Cond Pwr (dBm)	Duty Cycle Factor (dB)	Out Pwr (dBm)	Limit (dBm)	Result
		11.704	1.9	13.6	24	Pass



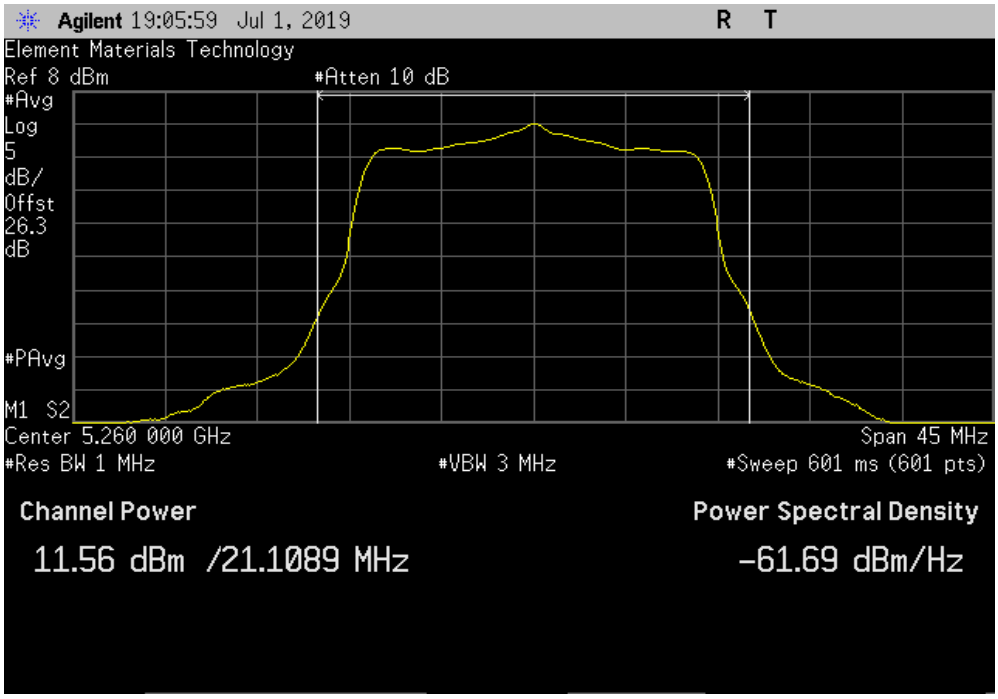
20 MHz, 802.11(a) 54 Mbps, Ch 40, Mid Channel 5200 MHz						
		Avg Cond Pwr (dBm)	Duty Cycle Factor (dB)	Out Pwr (dBm)	Limit (dBm)	Result
		11.767	2	13.7	24	Pass



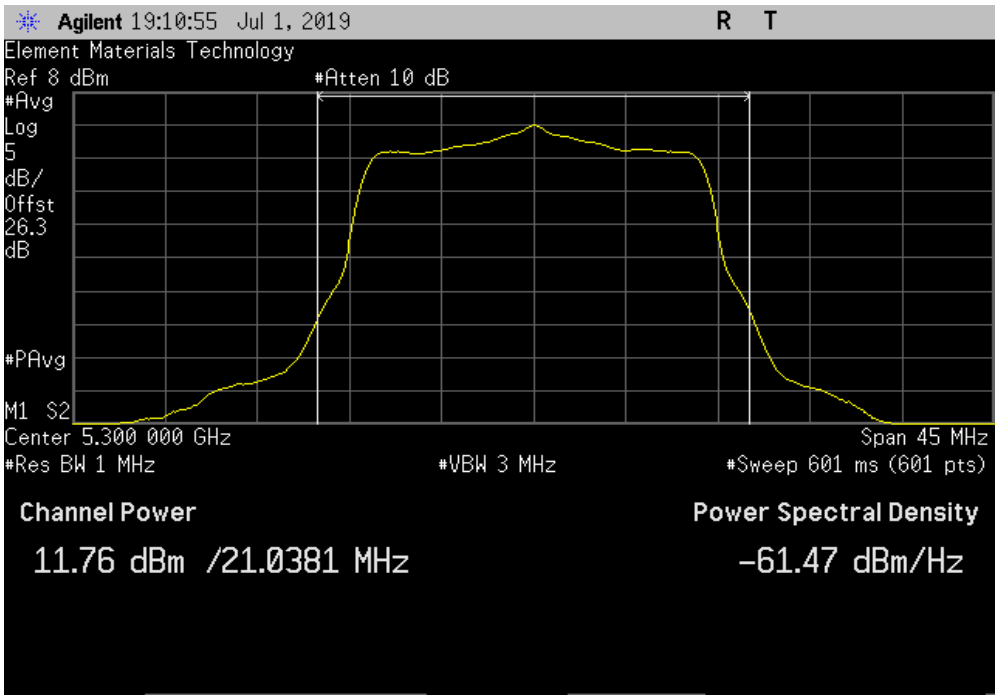
20 MHz, 802.11(a) 54 Mbps, Ch 48, High Channel 5240 MHz						
		Avg Cond Pwr (dBm)	Duty Cycle Factor (dB)	Out Pwr (dBm)	Limit (dBm)	Result
		12.072	1.9	14	24	Pass



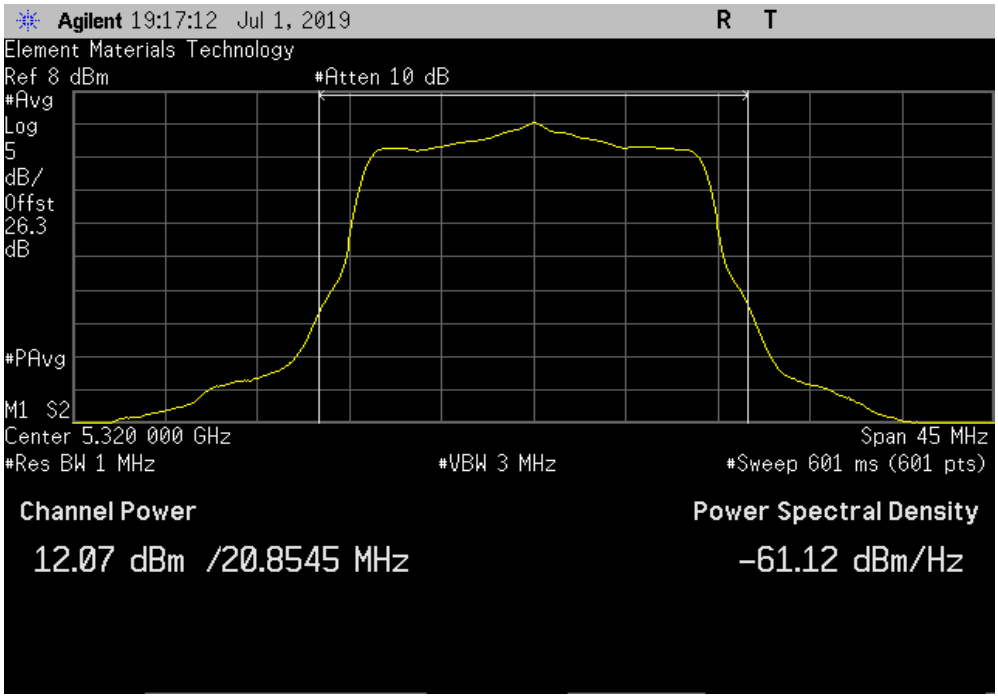
20 MHz, 802.11(a) 54 Mbps, Ch 52, Low Channel 5260 MHz						
		Avg Cond Pwr (dBm)	Duty Cycle Factor (dB)	Out Pwr (dBm)	Limit (dBm)	Result
		11.557	2	13.5	24	Pass



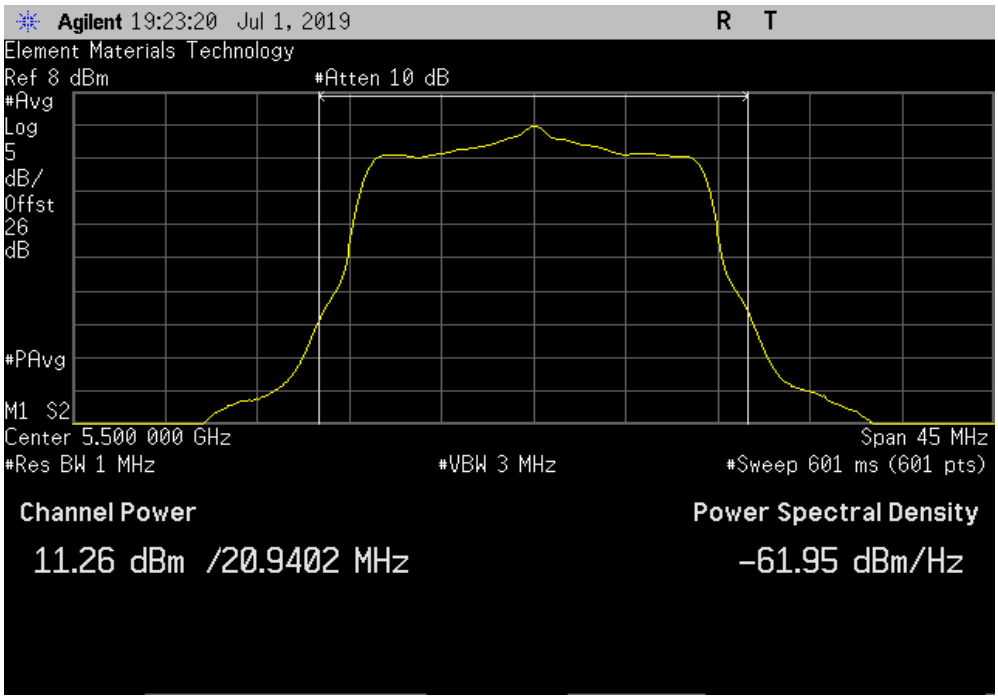
20 MHz, 802.11(a) 54 Mbps, Ch 60, Mid Channel 5300 MHz						
		Avg Cond Pwr (dBm)	Duty Cycle Factor (dB)	Out Pwr (dBm)	Limit (dBm)	Result
		11.762	1.9	13.7	24	Pass



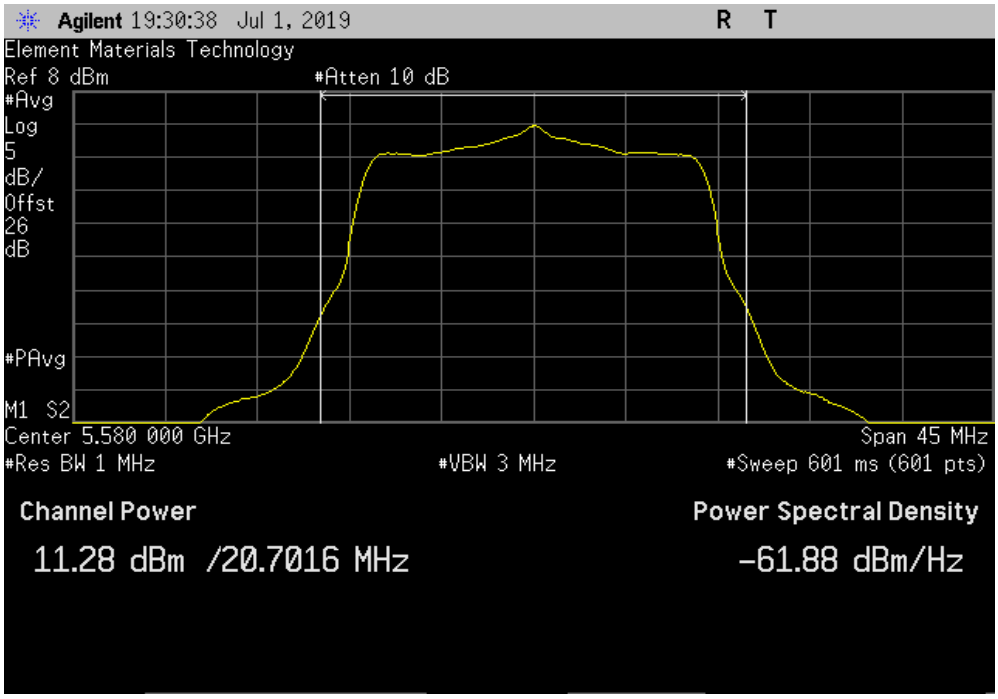
20 MHz, 802.11(a) 54 Mbps, Ch 64, High Channel 5320 MHz						
		Avg Cond Pwr (dBm)	Duty Cycle Factor (dB)	Out Pwr (dBm)	Limit (dBm)	Result
		12.07	1.9	14	24	Pass



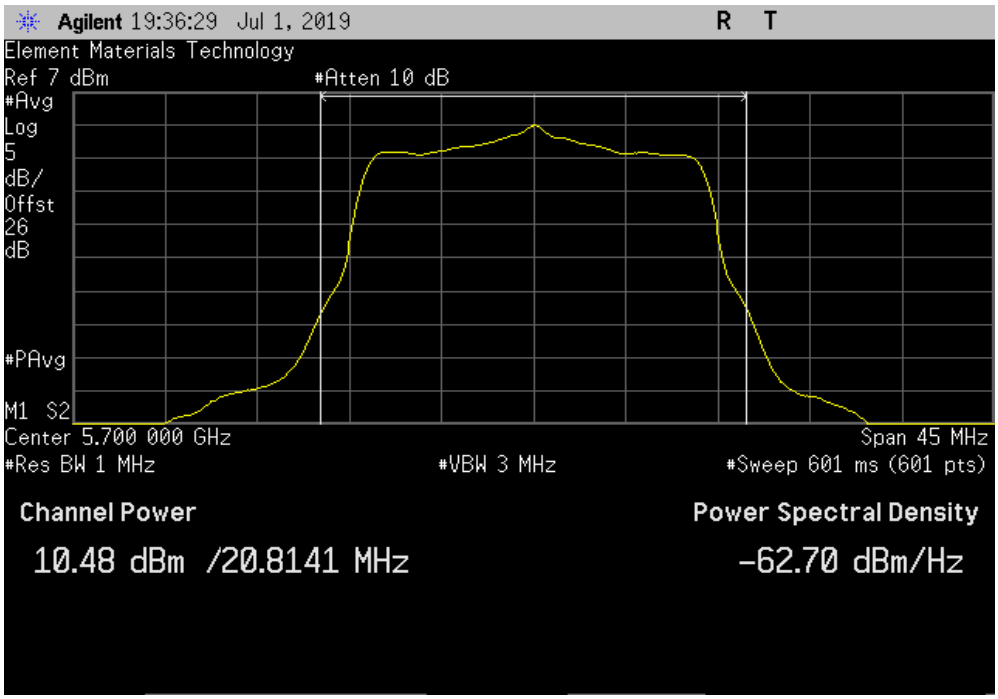
20 MHz, 802.11(a) 54 Mbps, Ch 100, Low Channel 5500 MHz						
		Avg Cond Pwr (dBm)	Duty Cycle Factor (dB)	Out Pwr (dBm)	Limit (dBm)	Result
		11.263	1.9	13.2	24	Pass



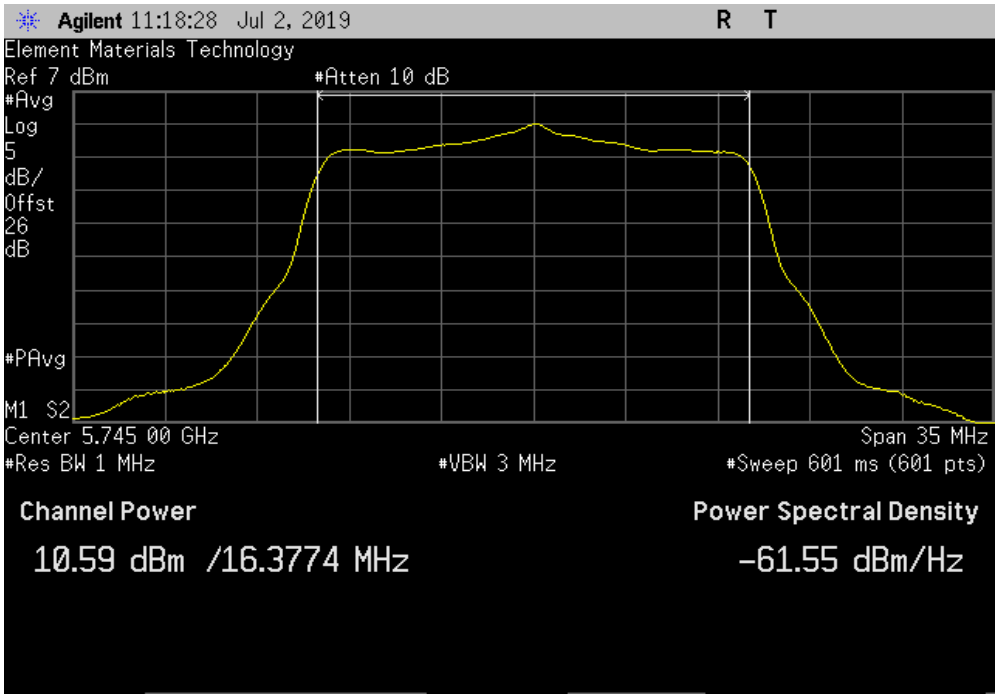
20 MHz, 802.11(a) 54 Mbps, Ch 116, Mid Channel 5580 MHz						
		Avg Cond Pwr (dBm)	Duty Cycle Factor (dB)	Out Pwr (dBm)	Limit (dBm)	Result
		11.276	1.9	13.2	24	Pass



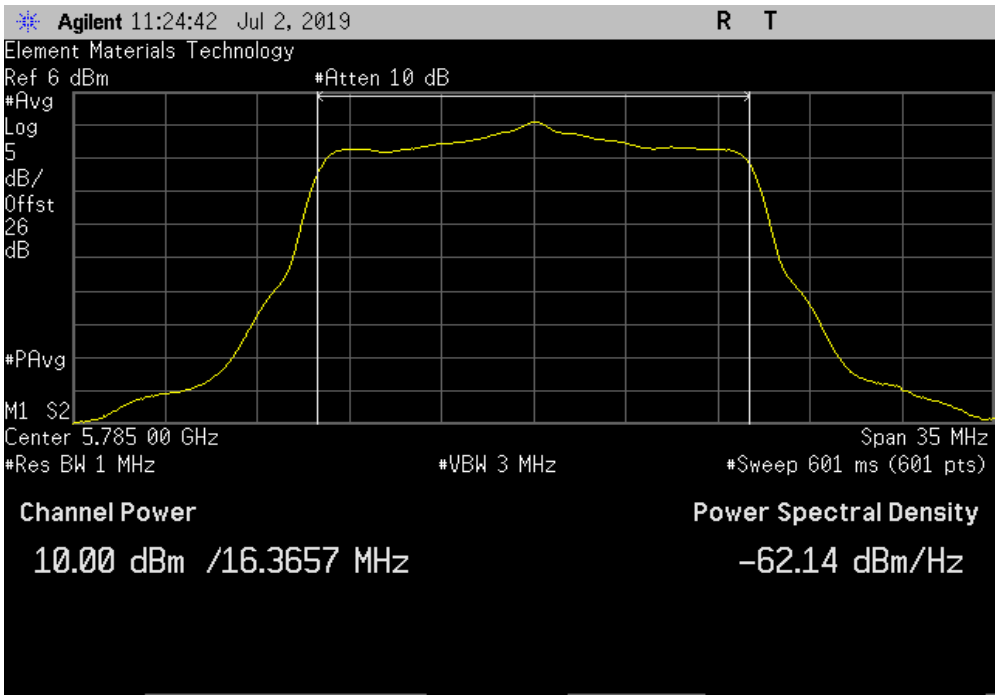
20 MHz, 802.11(a) 54 Mbps, Ch 140, High Channel 5700 MHz						
		Avg Cond Pwr (dBm)	Duty Cycle Factor (dB)	Out Pwr (dBm)	Limit (dBm)	Result
		10.484	1.9	12.4	24	Pass



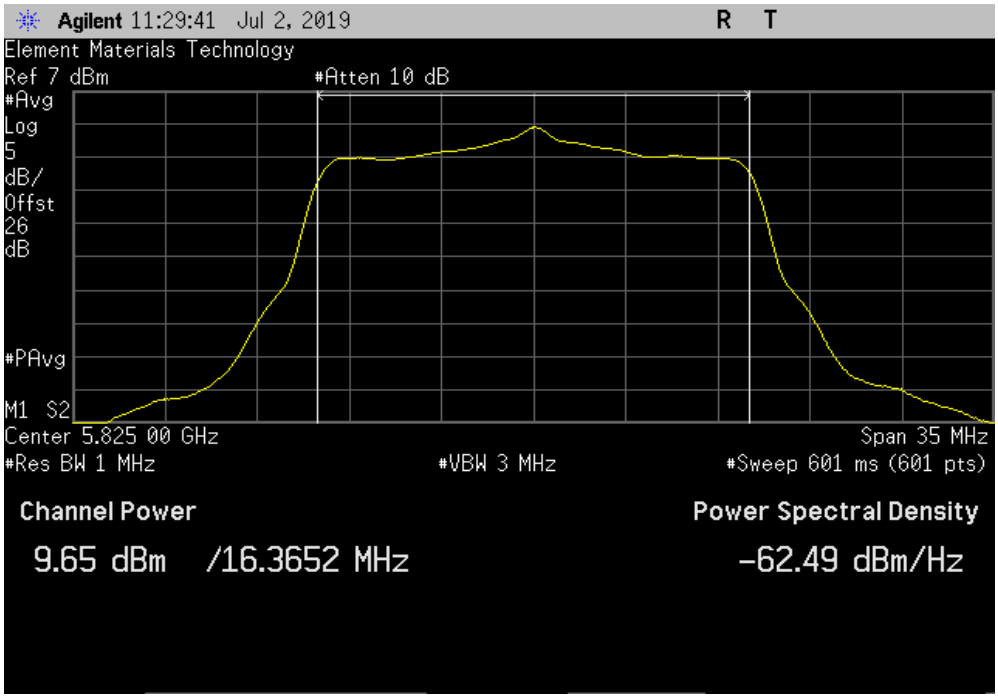
20 MHz, 802.11(a) 54 Mbps, Ch 149, Low Channel 5745 MHz						
		Avg Cond Pwr (dBm)	Duty Cycle Factor (dB)	Out Pwr (dBm)	Limit (dBm)	Result
		10.594	1.9	12.5	30	Pass



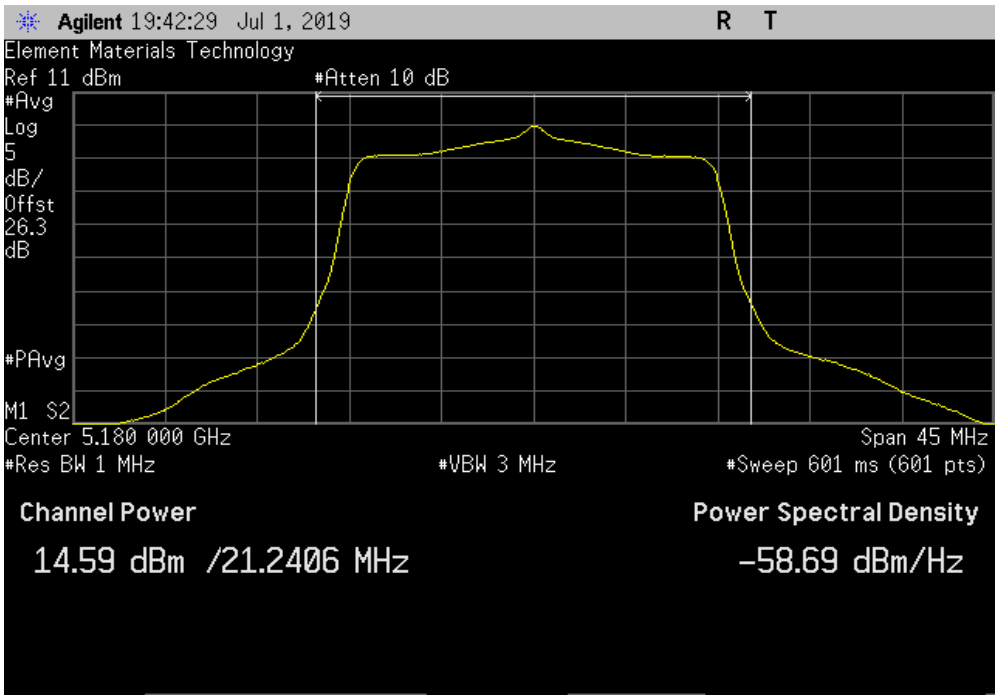
20 MHz, 802.11(a) 54 Mbps, Ch 157, Mid Channel 5785 MHz						
		Avg Cond Pwr (dBm)	Duty Cycle Factor (dB)	Out Pwr (dBm)	Limit (dBm)	Result
		10.004	1.9	11.9	30	Pass



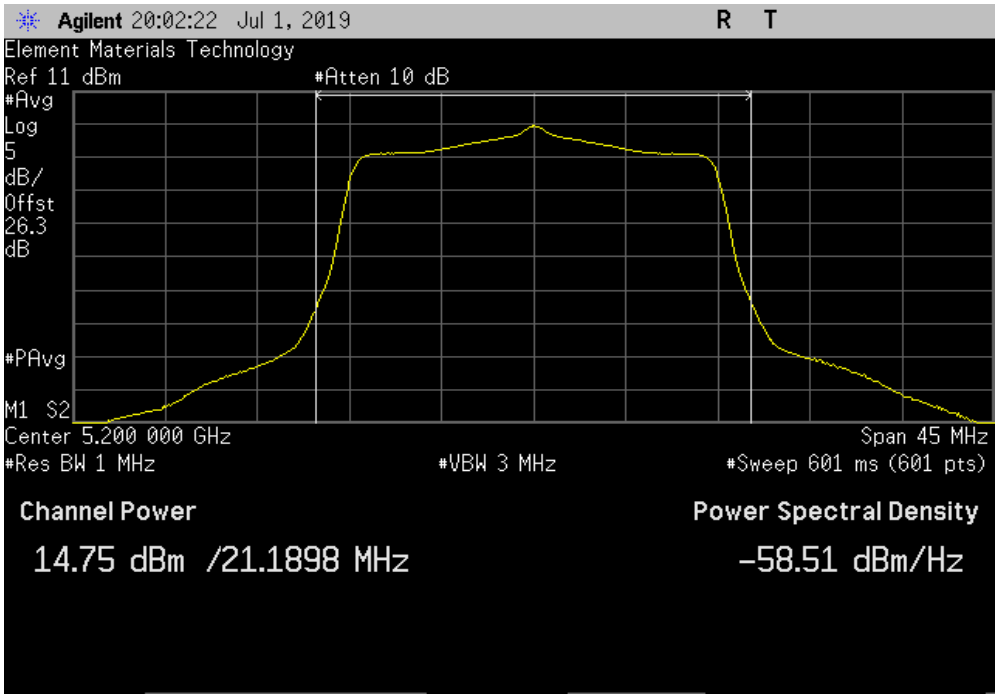
20 MHz, 802.11(a) 54 Mbps, Ch 165, High Channel 5825 MHz						
		Avg Cond Pwr (dBm)	Duty Cycle Factor (dB)	Out Pwr (dBm)	Limit (dBm)	Result
		9.648	2	11.6	30	Pass



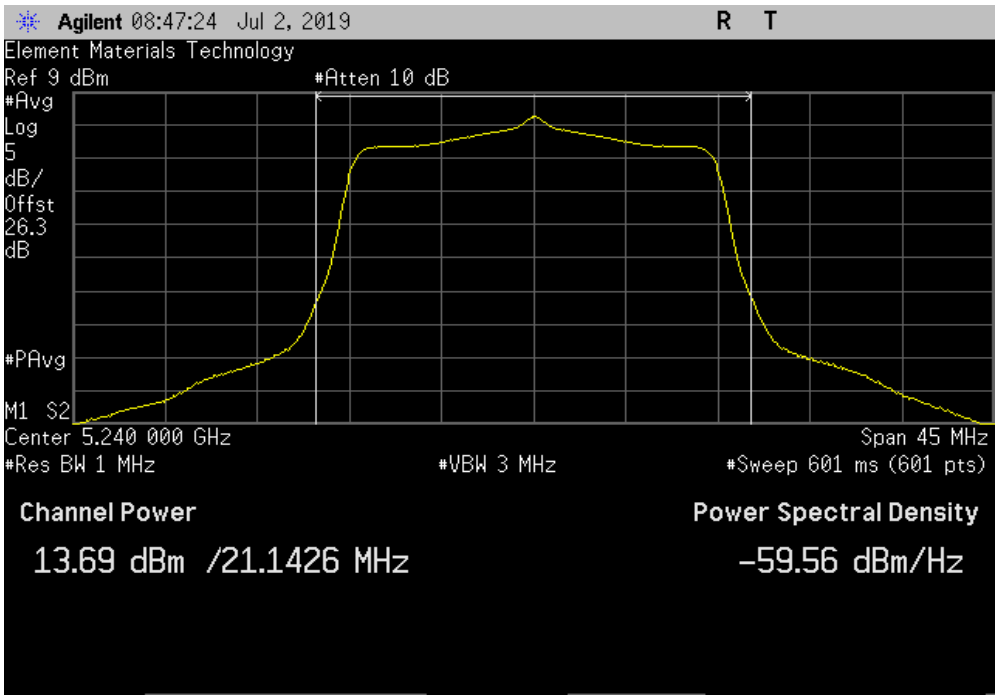
20 MHz, 802.11(n) MCS0, Ch 36, Low Channel 5180 MHz						
		Avg Cond Pwr (dBm)	Duty Cycle Factor (dB)	Out Pwr (dBm)	Limit (dBm)	Result
		14.586	0.3	14.9	24	Pass



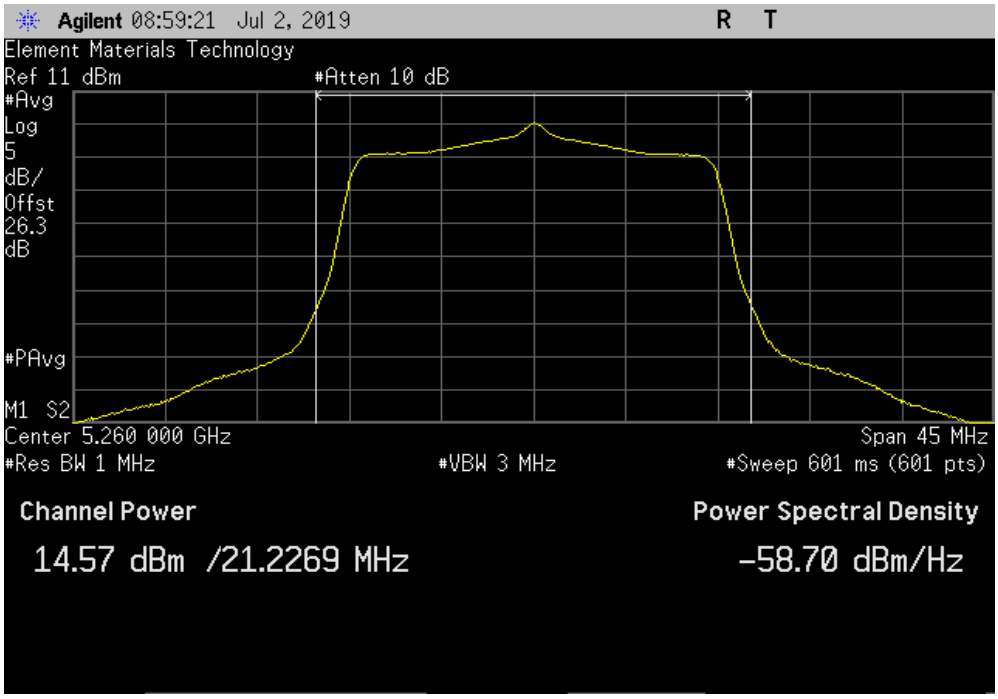
20 MHz, 802.11(n) MCS0, Ch 40, Mid Channel 5200 MHz						
		Avg Cond Pwr (dBm)	Duty Cycle Factor (dB)	Out Pwr (dBm)	Limit (dBm)	Result
		14.747	0.3	15.1	24	Pass



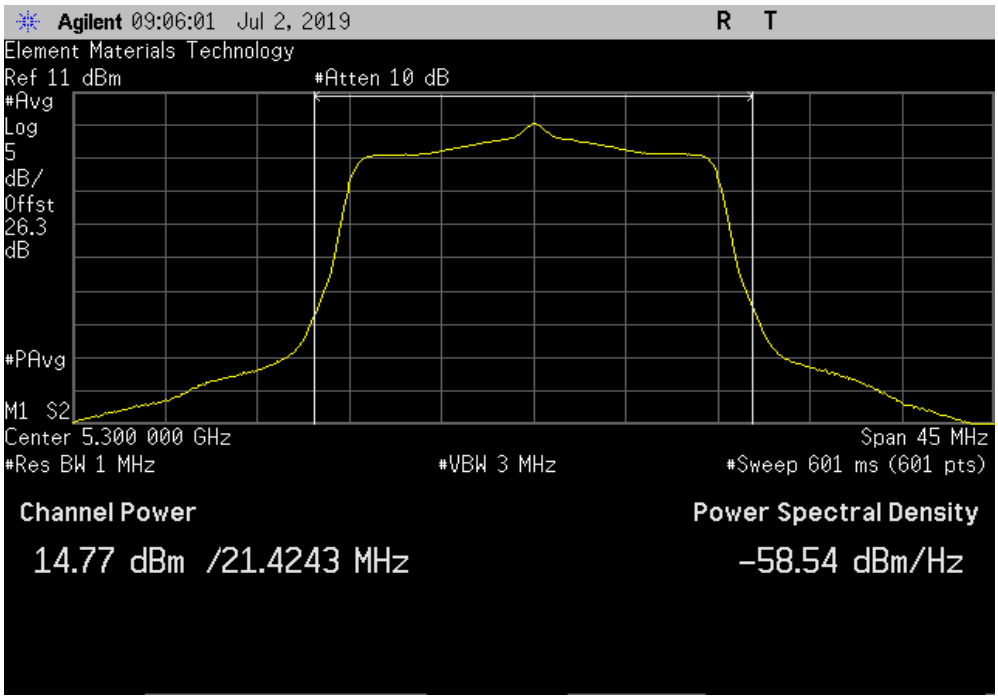
20 MHz, 802.11(n) MCS0, Ch 48, High Channel 5240 MHz						
		Avg Cond Pwr (dBm)	Duty Cycle Factor (dB)	Out Pwr (dBm)	Limit (dBm)	Result
		13.695	0.3	14	24	Pass



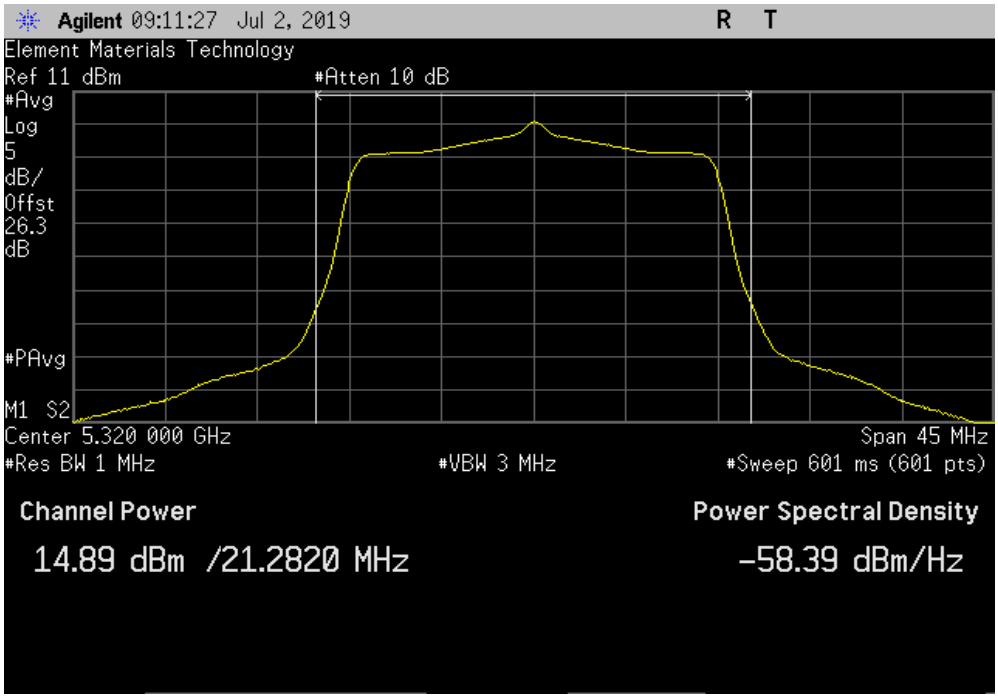
20 MHz, 802.11(n) MCS0, Ch 52, Low Channel 5260 MHz						
		Avg Cond Pwr (dBm)	Duty Cycle Factor (dB)	Out Pwr (dBm)	Limit (dBm)	Result
		14.571	0.3	14.9	24	Pass



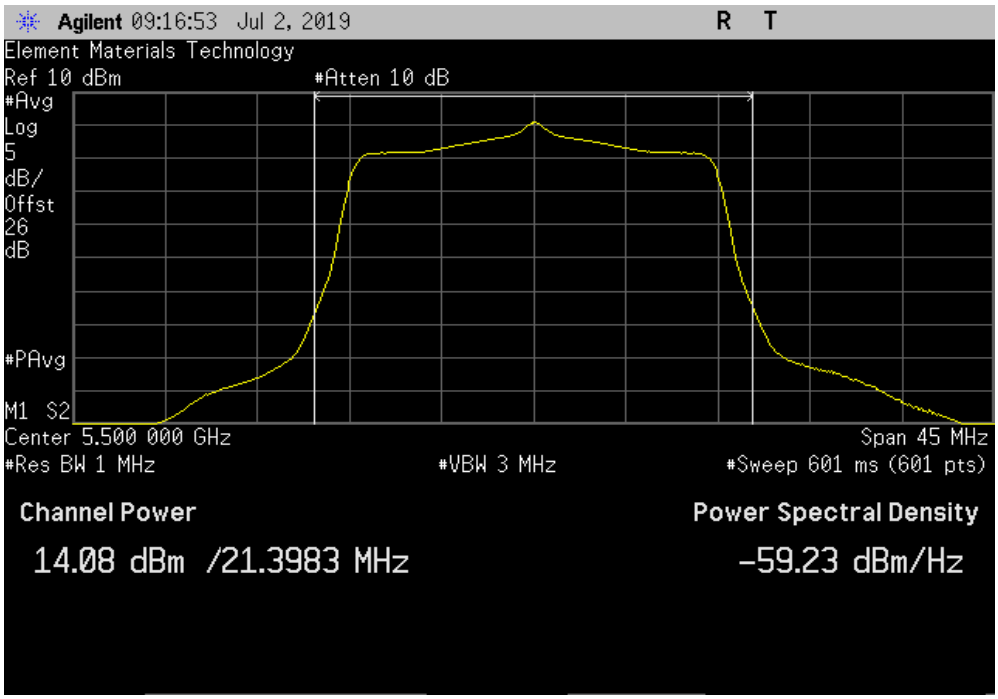
20 MHz, 802.11(n) MCS0, Ch 60, Mid Channel 5300 MHz						
		Avg Cond Pwr (dBm)	Duty Cycle Factor (dB)	Out Pwr (dBm)	Limit (dBm)	Result
		14.766	0.3	15.1	24	Pass



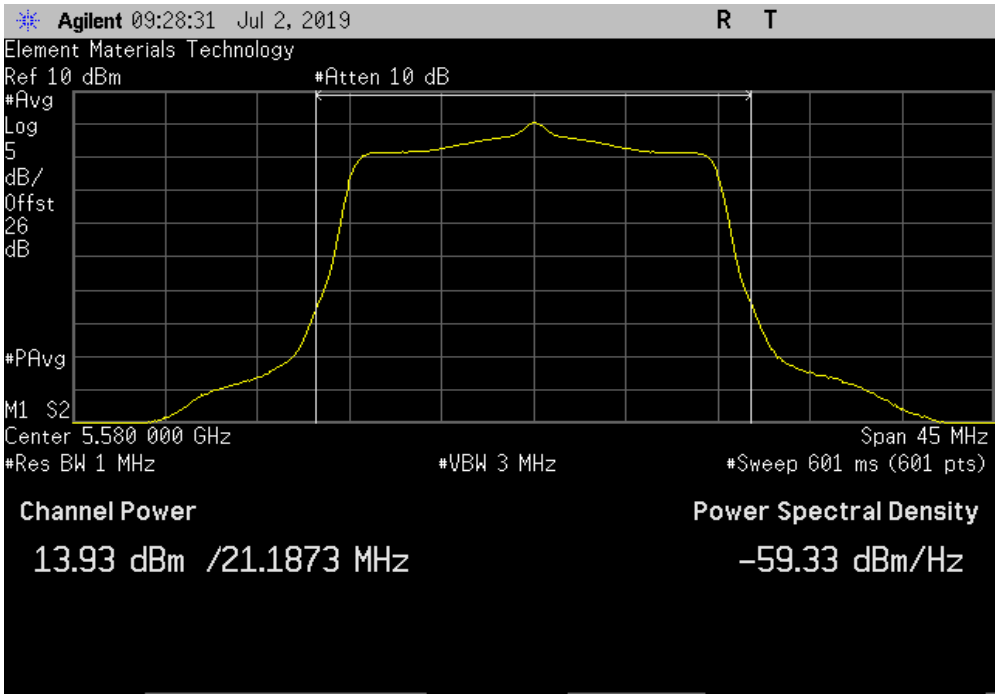
20 MHz, 802.11(n) MCS0, Ch 64, High Channel 5320 MHz						
		Avg Cond Pwr (dBm)	Duty Cycle Factor (dB)	Out Pwr (dBm)	Limit (dBm)	Result
		14.886	0.3	15.2	24	Pass



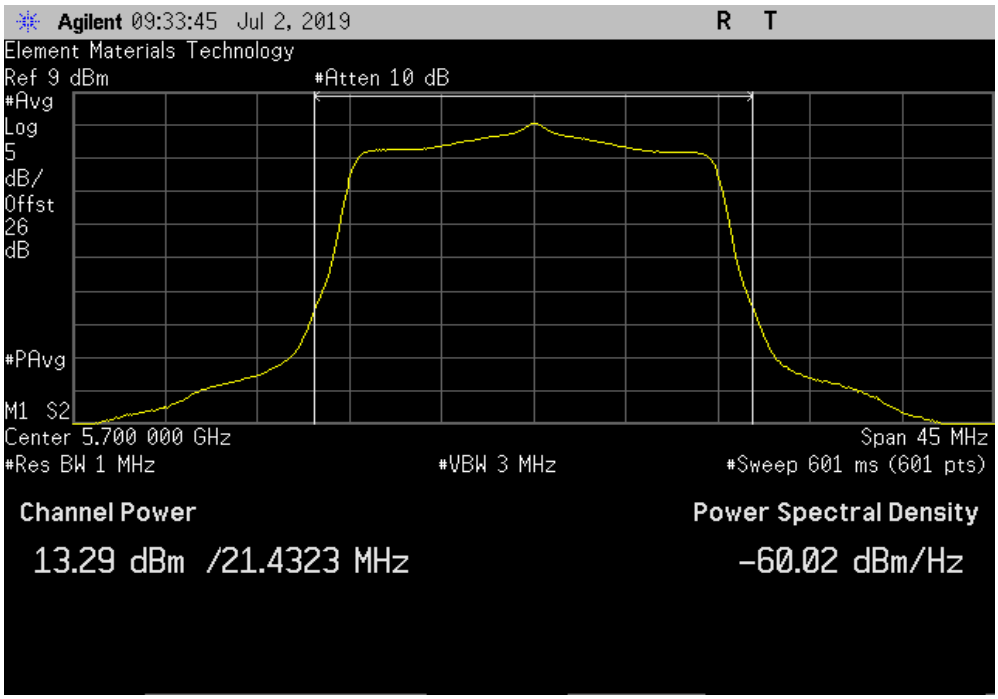
20 MHz, 802.11(n) MCS0, Ch 100, Low Channel 5500 MHz						
		Avg Cond Pwr (dBm)	Duty Cycle Factor (dB)	Out Pwr (dBm)	Limit (dBm)	Result
		14.077	0.3	14.4	24	Pass



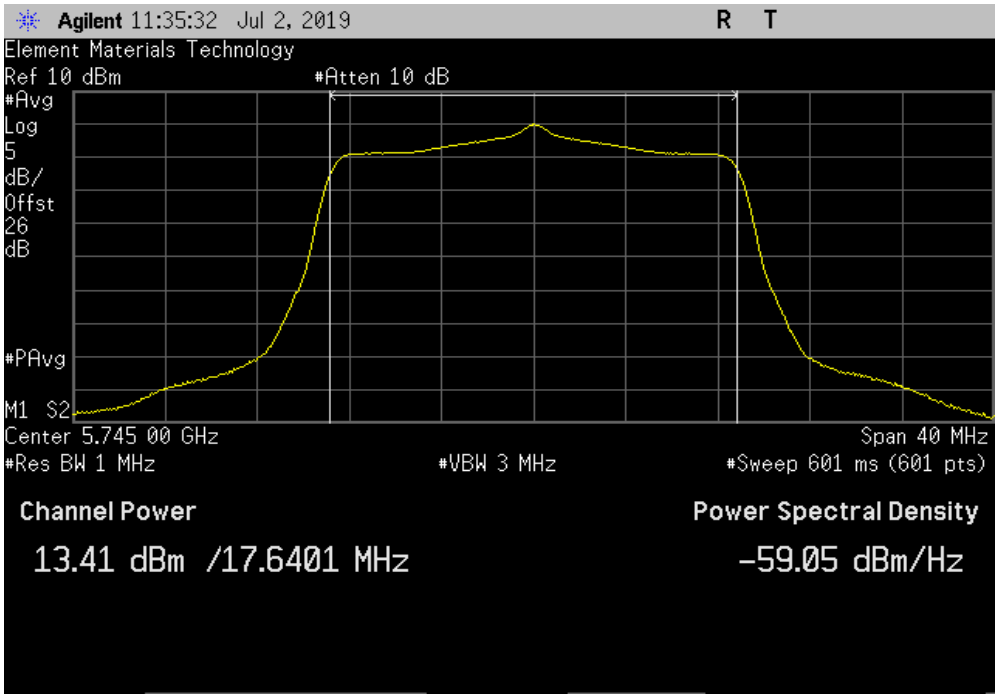
20 MHz, 802.11(n) MCS0, Ch 116, Mid Channel 5580 MHz						
		Avg Cond Pwr (dBm)	Duty Cycle Factor (dB)	Out Pwr (dBm)	Limit (dBm)	Result
		13.928	0.3	14.2	24	Pass



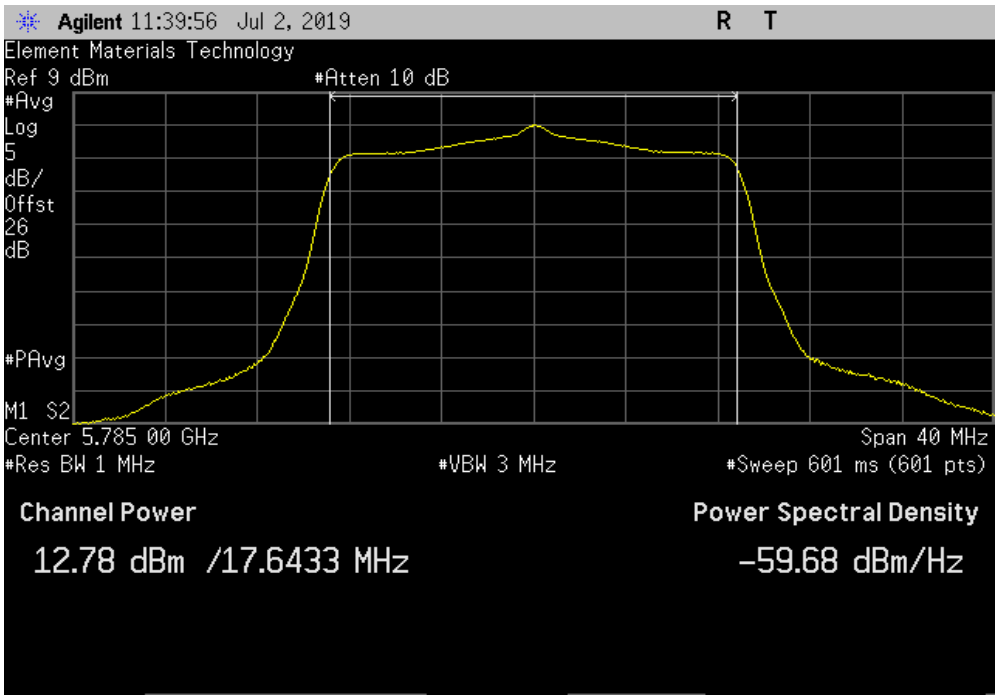
20 MHz, 802.11(n) MCS0, Ch 140, High Channel 5700 MHz						
		Avg Cond Pwr (dBm)	Duty Cycle Factor (dB)	Out Pwr (dBm)	Limit (dBm)	Result
		13.291	0.3	13.6	24	Pass



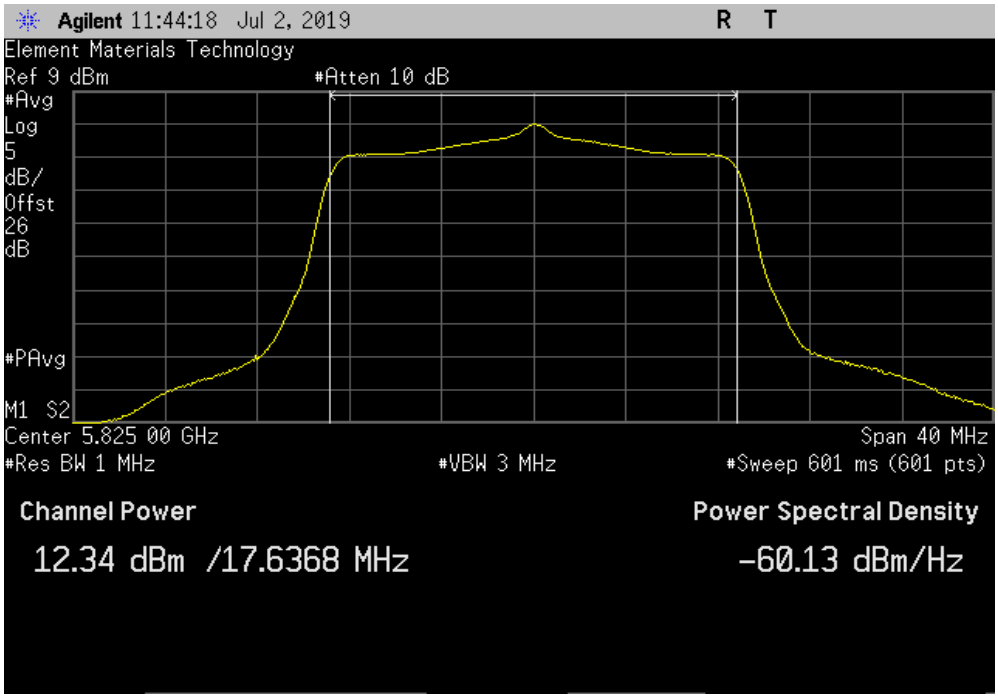
20 MHz, 802.11(n) MCS0, Ch 149, Low Channel 5745 MHz						
		Avg Cond Pwr (dBm)	Duty Cycle Factor (dB)	Out Pwr (dBm)	Limit (dBm)	Result
		13.412	0.3	13.7	30	Pass



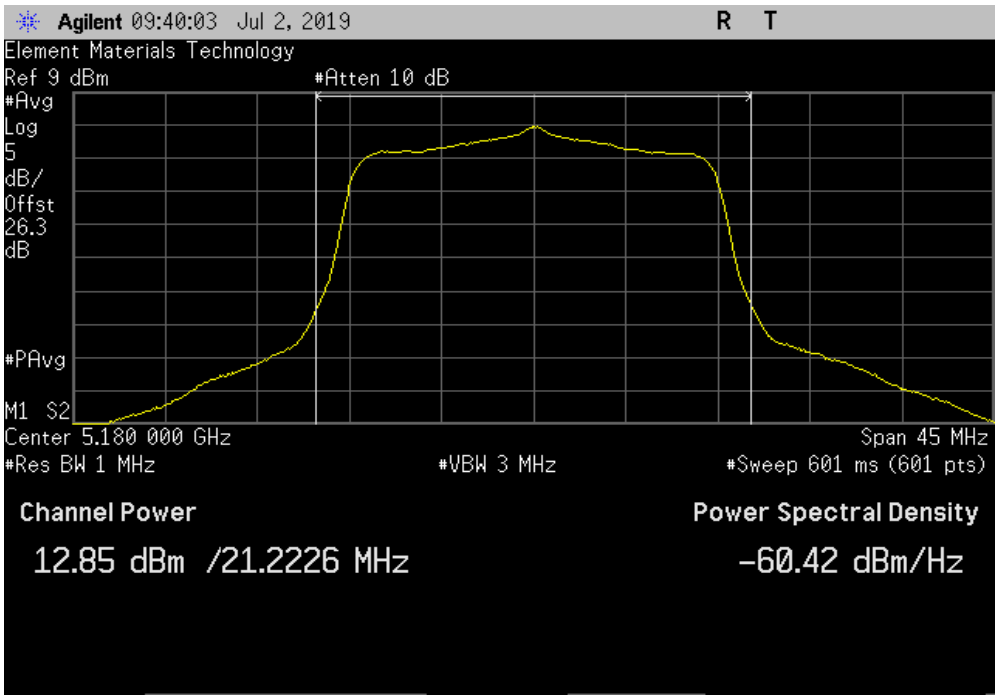
20 MHz, 802.11(n) MCS0, Ch 157, Mid Channel 5785 MHz						
		Avg Cond Pwr (dBm)	Duty Cycle Factor (dB)	Out Pwr (dBm)	Limit (dBm)	Result
		12.781	0.3	13.1	30	Pass



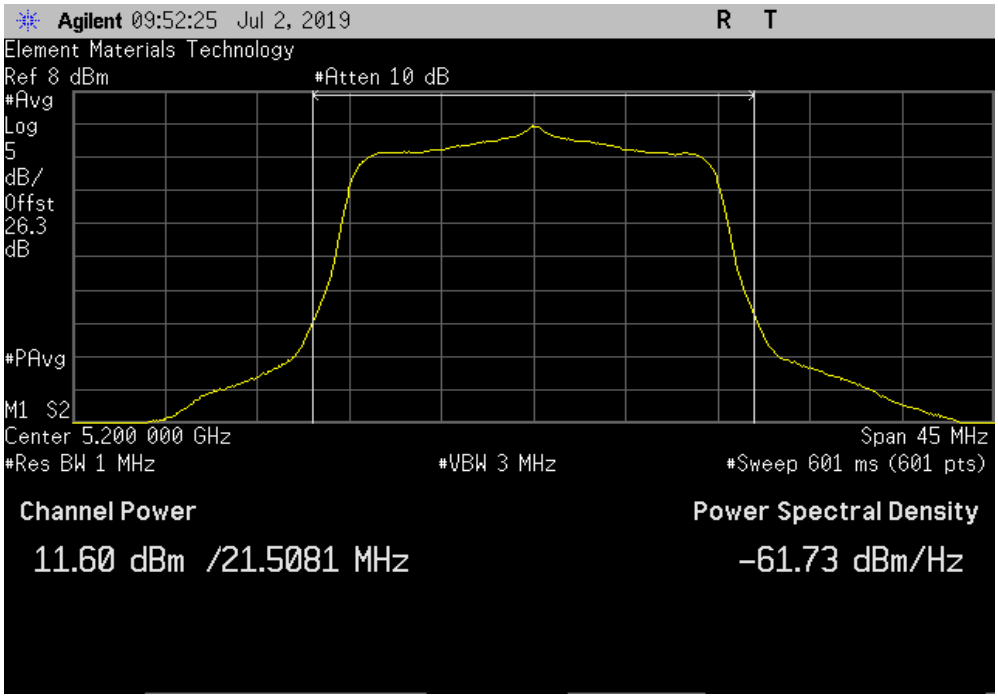
20 MHz, 802.11(n) MCS0, Ch 165, High Channel 5825 MHz						
		Avg Cond Pwr (dBm)	Duty Cycle Factor (dB)	Out Pwr (dBm)	Limit (dBm)	Result
		12.337	0.3	12.7	30	Pass



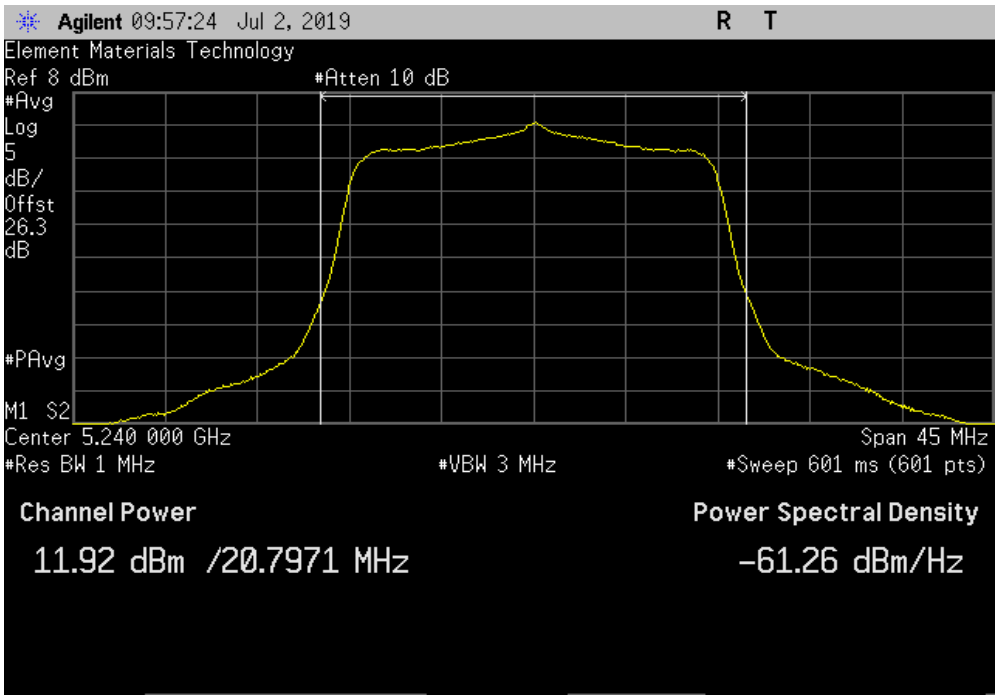
20 MHz, 802.11(n) MCS7, Ch 36, Low Channel 5180 MHz						
		Avg Cond Pwr (dBm)	Duty Cycle Factor (dB)	Out Pwr (dBm)	Limit (dBm)	Result
		12.849	2.1	14.9	24	Pass



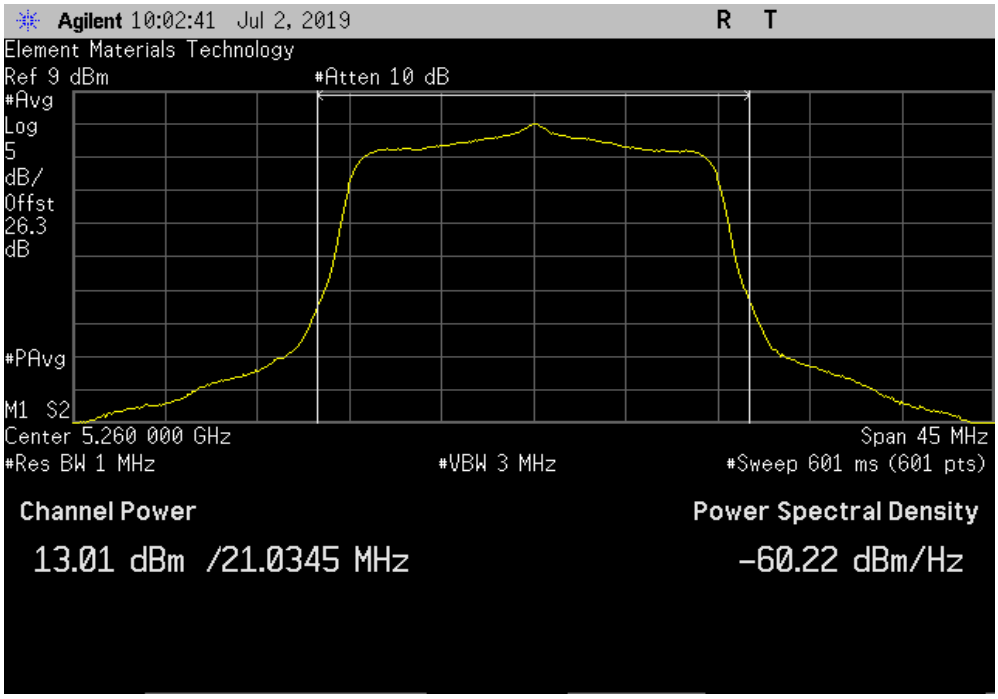
20 MHz, 802.11(n) MCS7, Ch 40, Mid Channel 5200 MHz						
		Avg Cond Pwr (dBm)	Duty Cycle Factor (dB)	Out Pwr (dBm)	Limit (dBm)	Result
		11.597	2.1	13.7	24	Pass



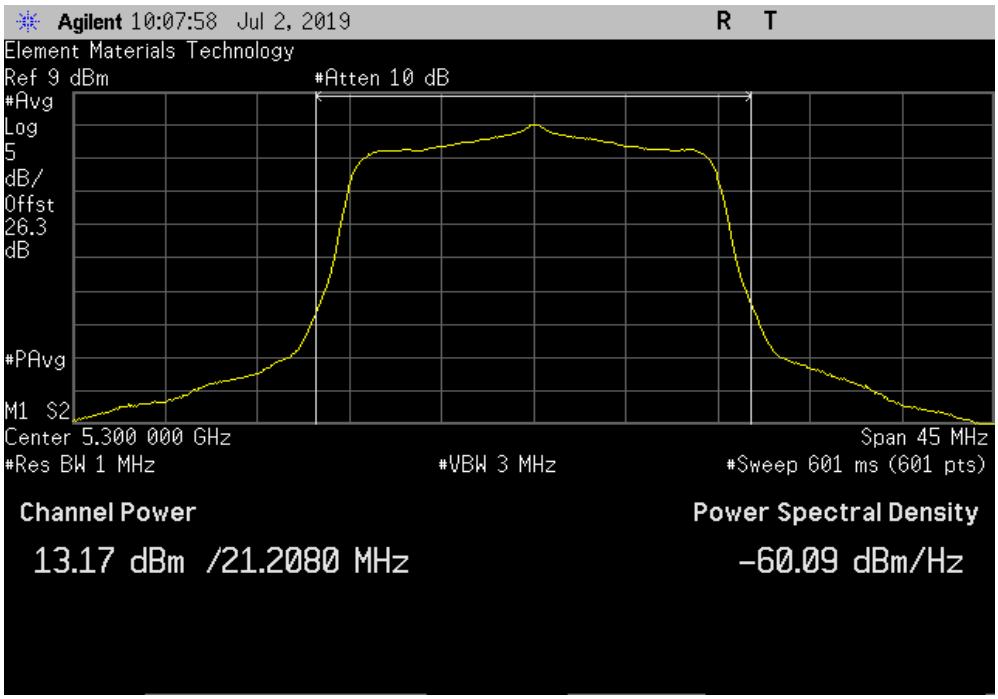
20 MHz, 802.11(n) MCS7, Ch 48, High Channel 5240 MHz						
		Avg Cond Pwr (dBm)	Duty Cycle Factor (dB)	Out Pwr (dBm)	Limit (dBm)	Result
		11.925	2.1	14	24	Pass



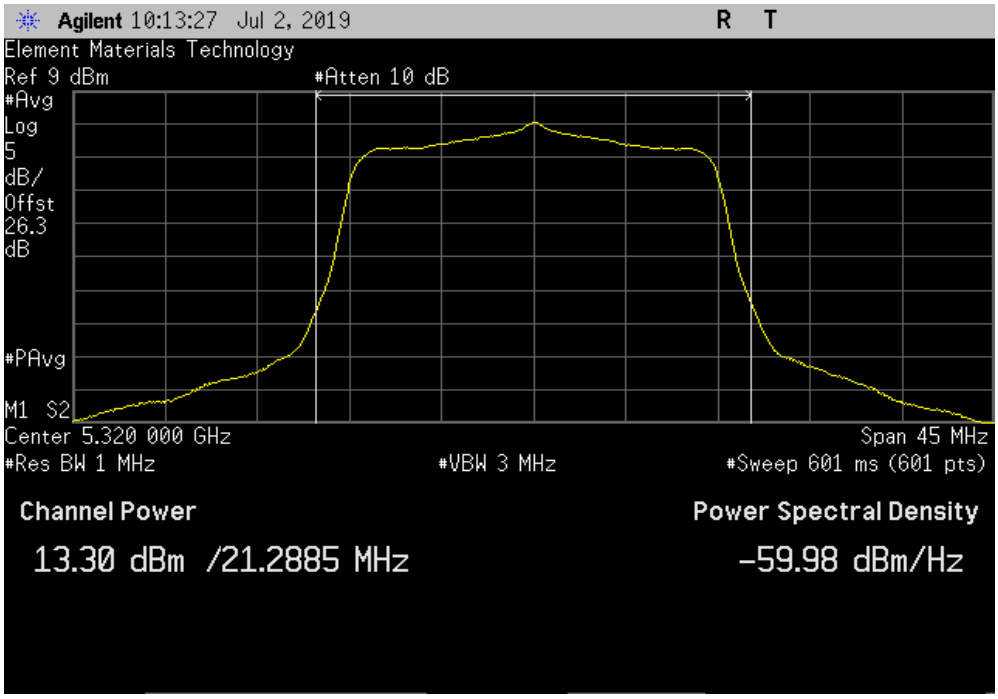
20 MHz, 802.11(n) MCS7, Ch 52, Low Channel 5260 MHz						
		Avg Cond Pwr (dBm)	Duty Cycle Factor (dB)	Out Pwr (dBm)	Limit (dBm)	Result
		13.009	2.1	15.1	24	Pass



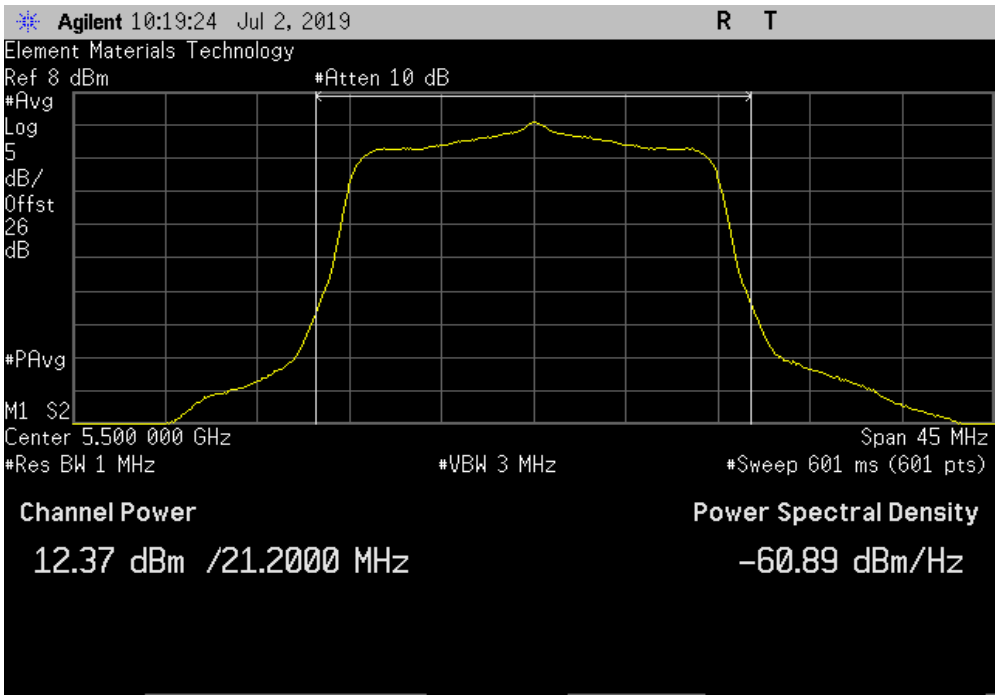
20 MHz, 802.11(n) MCS7, Ch 60, Mid Channel 5300 MHz						
		Avg Cond Pwr (dBm)	Duty Cycle Factor (dB)	Out Pwr (dBm)	Limit (dBm)	Result
		13.172	2	15.2	24	Pass



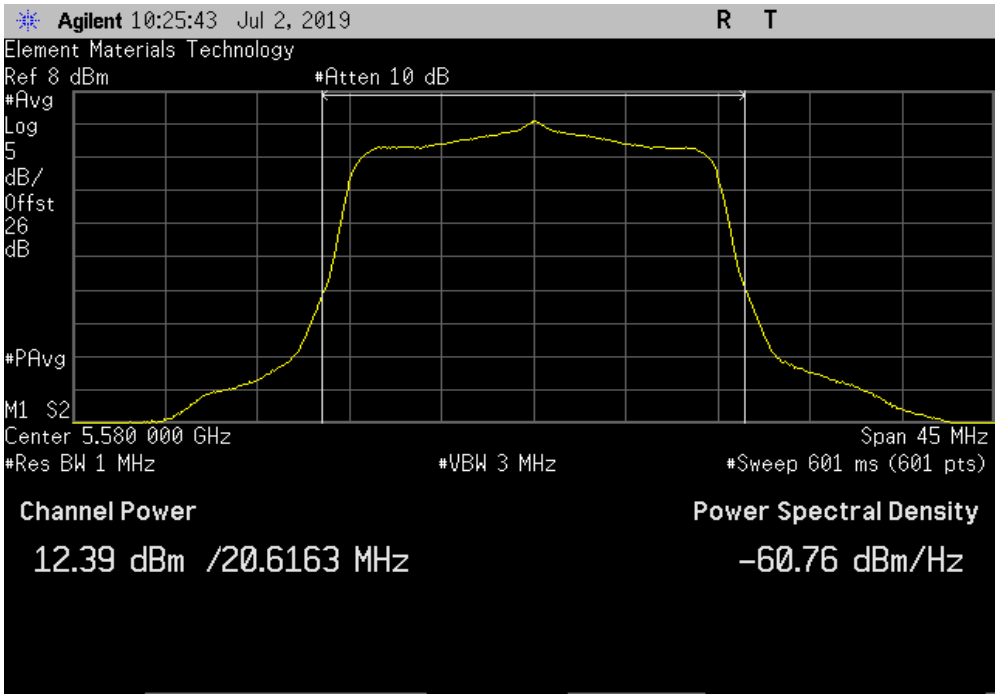
20 MHz, 802.11(n) MCS7, Ch 64, High Channel 5320 MHz						
		Avg Cond Pwr (dBm)	Duty Cycle Factor (dB)	Out Pwr (dBm)	Limit (dBm)	Result
		13.298	2	15.3	24	Pass



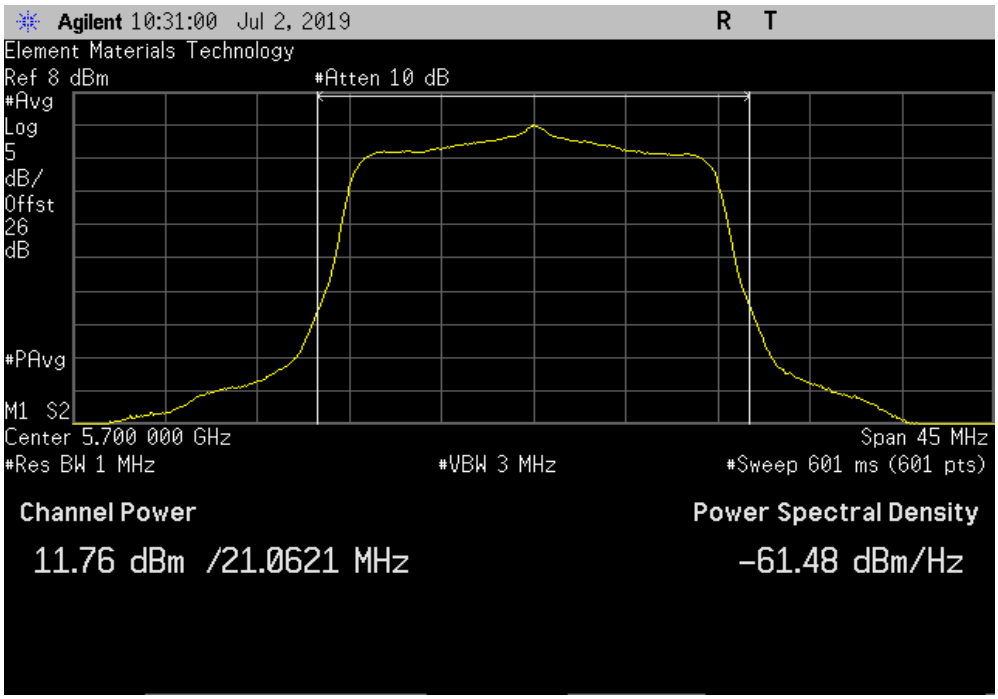
20 MHz, 802.11(n) MCS7, Ch 100, Low Channel 5500 MHz						
		Avg Cond Pwr (dBm)	Duty Cycle Factor (dB)	Out Pwr (dBm)	Limit (dBm)	Result
		12.374	2	14.4	24	Pass



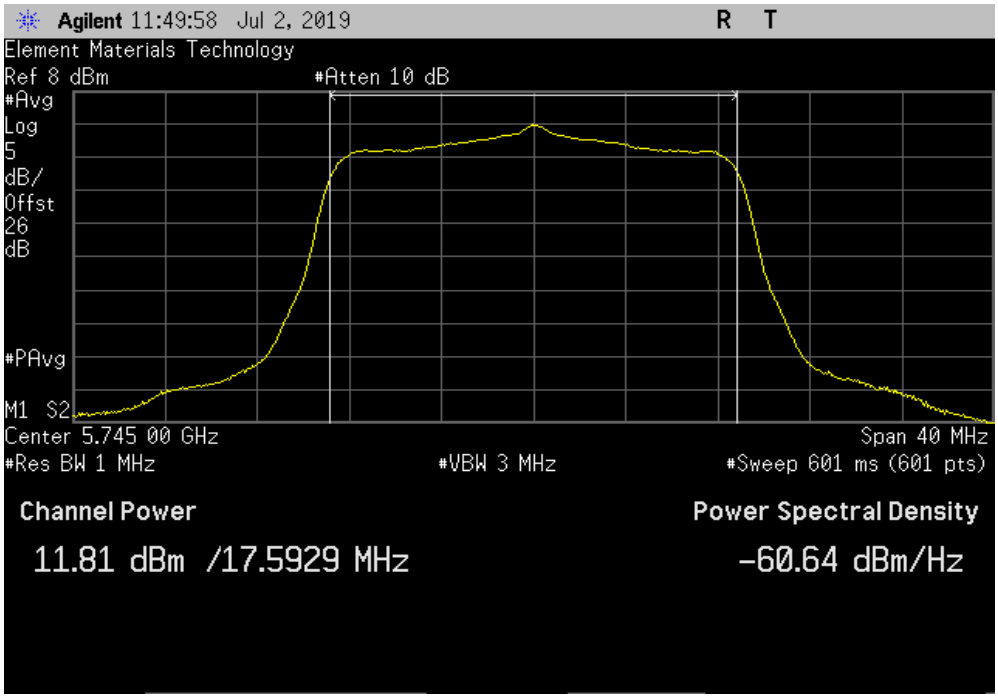
20 MHz, 802.11(n) MCS7, Ch 116, Mid Channel 5580 MHz						
		Avg Cond Pwr (dBm)	Duty Cycle Factor (dB)	Out Pwr (dBm)	Limit (dBm)	Result
		12.385	2	14.4	24	Pass



20 MHz, 802.11(n) MCS7, Ch 140, High Channel 5700 MHz						
		Avg Cond Pwr (dBm)	Duty Cycle Factor (dB)	Out Pwr (dBm)	Limit (dBm)	Result
		11.758	2.1	13.8	24	Pass

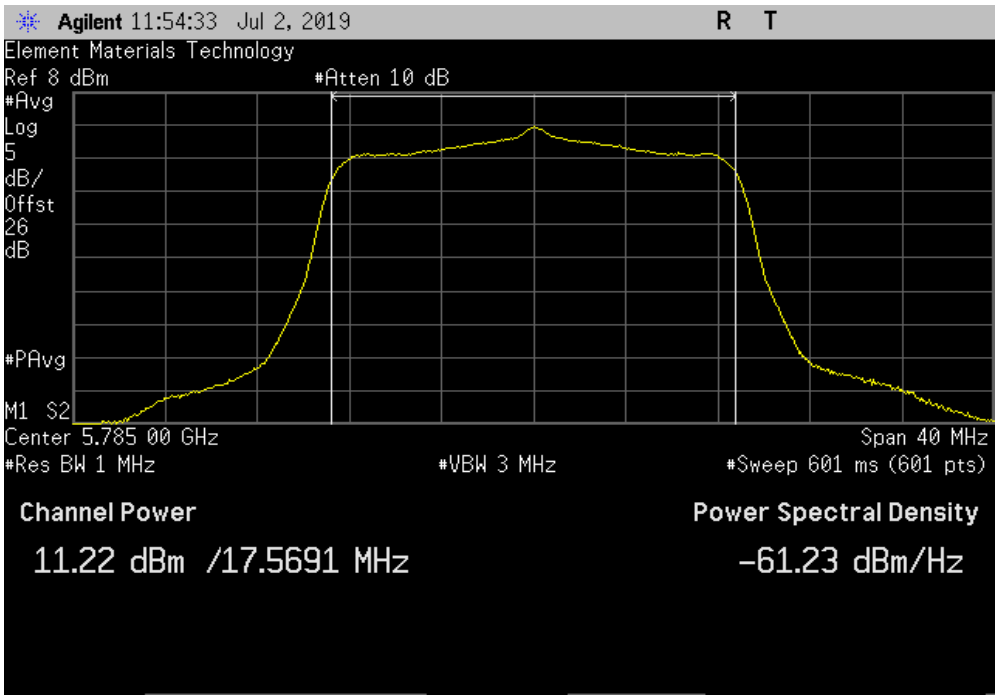


20 MHz, 802.11(n) MCS7, Ch 149, Low Channel 5745 MHz						
		Avg Cond Pwr (dBm)	Duty Cycle Factor (dB)	Out Pwr (dBm)	Limit (dBm)	Result
		11.814	2	13.9	30	Pass

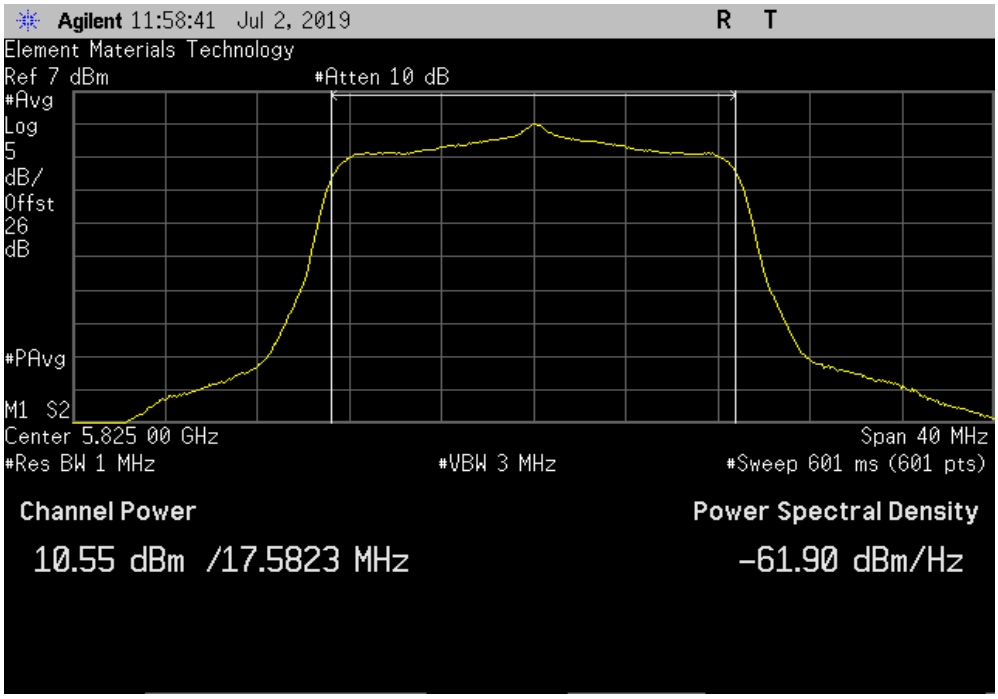


MAXIMUM CONDUCTED OUTPUT POWER

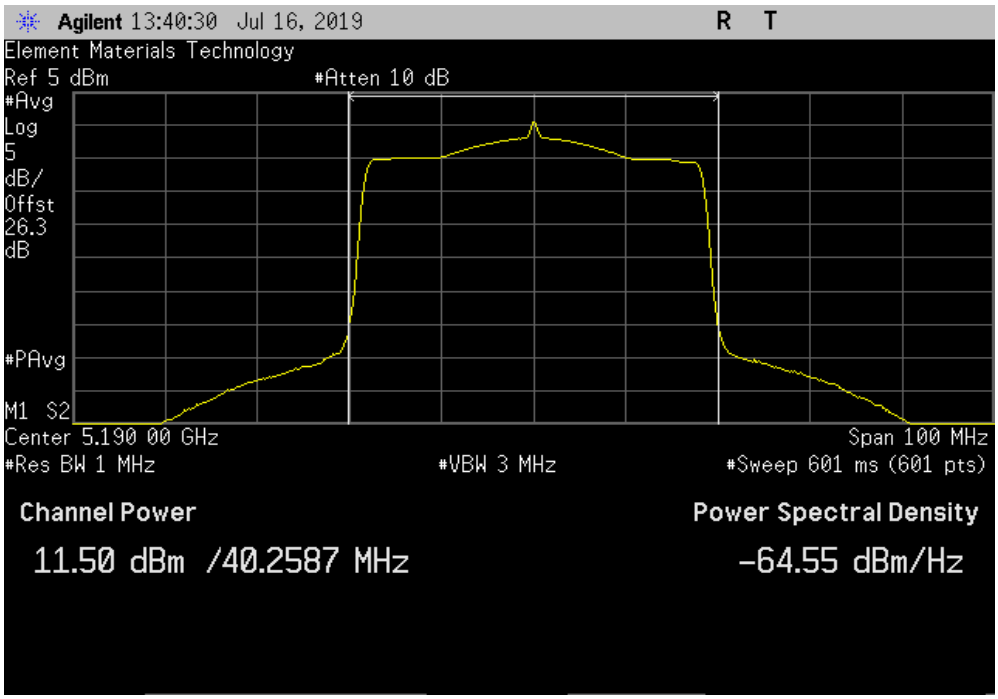
20 MHz, 802.11(n) MCS7, Ch 157, Mid Channel 5785 MHz						
		Avg Cond Pwr (dBm)	Duty Cycle Factor (dB)	Out Pwr (dBm)	Limit (dBm)	Result
		11.216	2	13.3	30	Pass



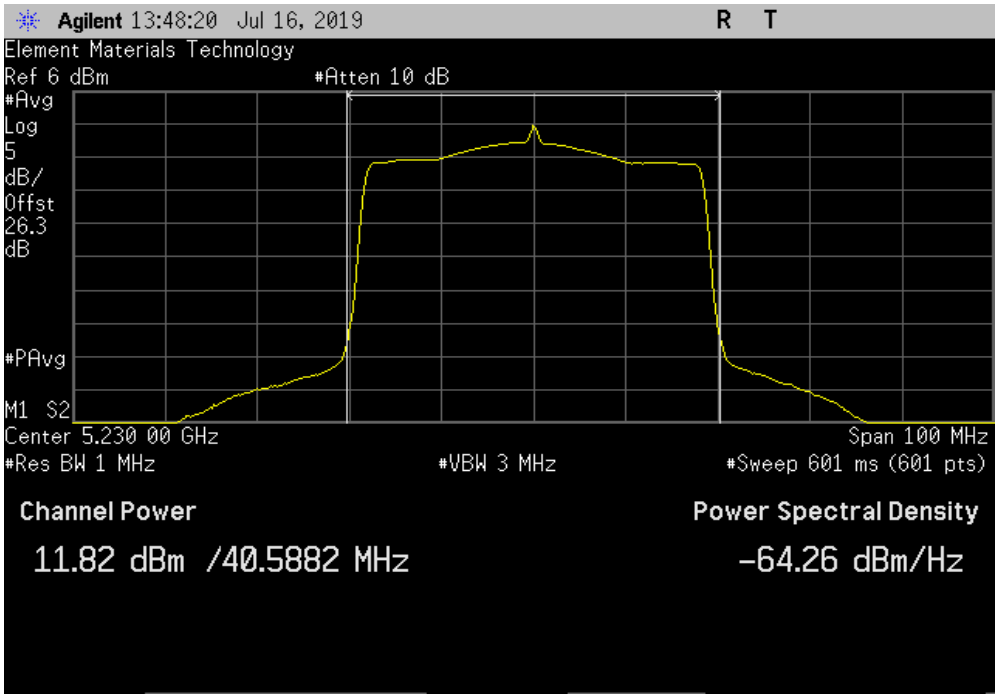
20 MHz, 802.11(n) MCS7, Ch 165, High Channel 5825 MHz						
		Avg Cond Pwr (dBm)	Duty Cycle Factor (dB)	Out Pwr (dBm)	Limit (dBm)	Result
		10.546	2	12.6	30	Pass



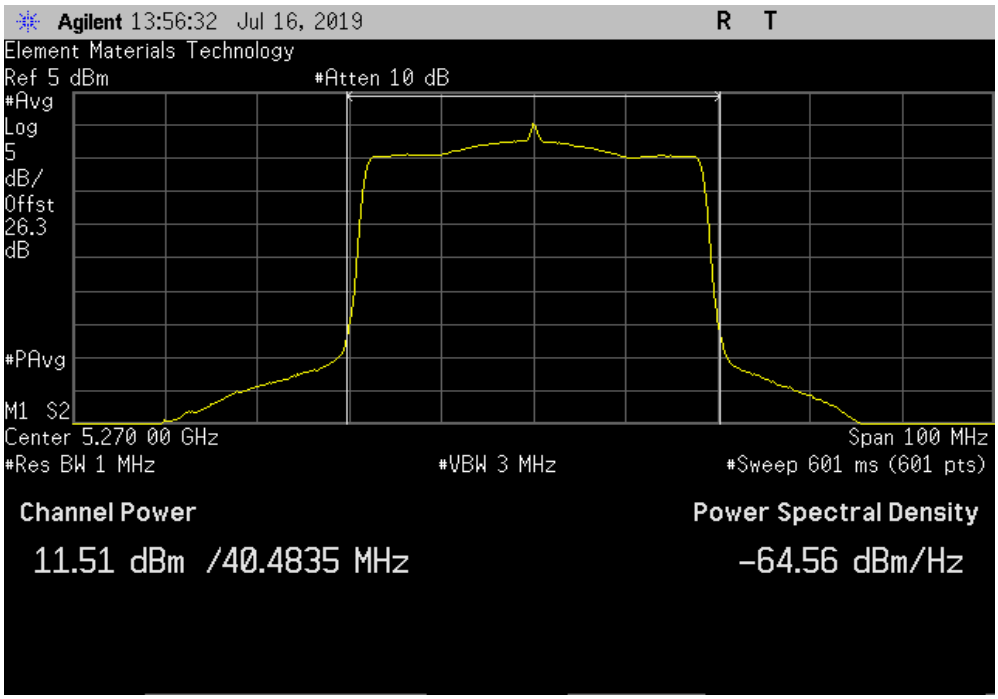
40 MHz, 802.11(n) MCS0, Ch 36/40, Low Channel 5190 MHz						
		Avg Cond Pwr (dBm)	Duty Cycle Factor (dB)	Out Pwr (dBm)	Limit (dBm)	Result
		11.5	0.6	12.1	24	Pass



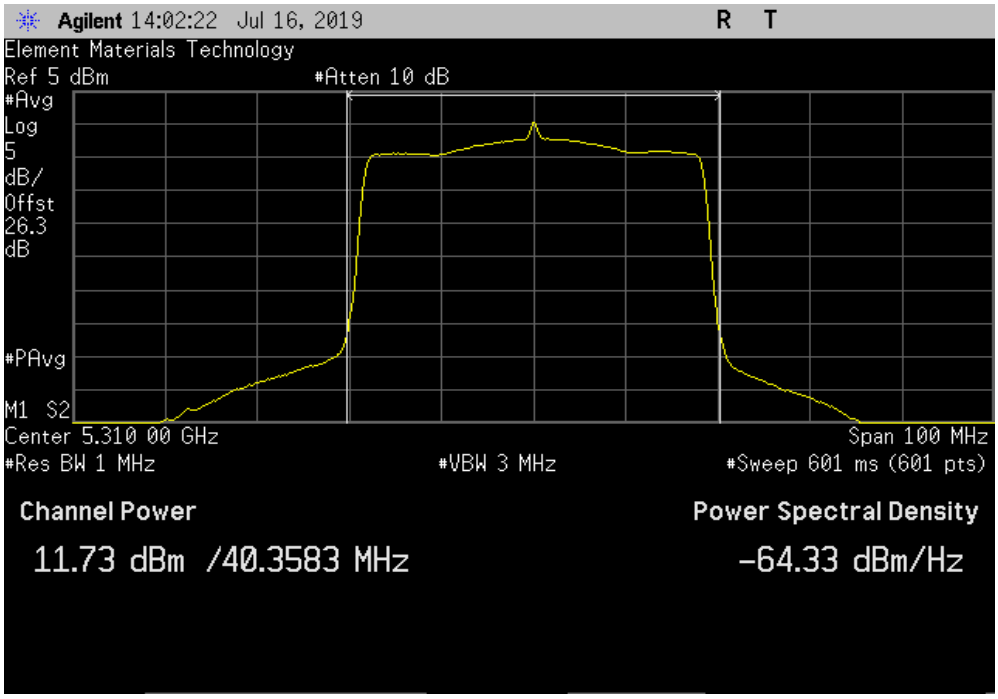
40 MHz, 802.11(n) MCS0, Ch 44/48, High Channel 5230 MHz						
		Avg Cond Pwr (dBm)	Duty Cycle Factor (dB)	Out Pwr (dBm)	Limit (dBm)	Result
		11.823	0.6	12.4	24	Pass



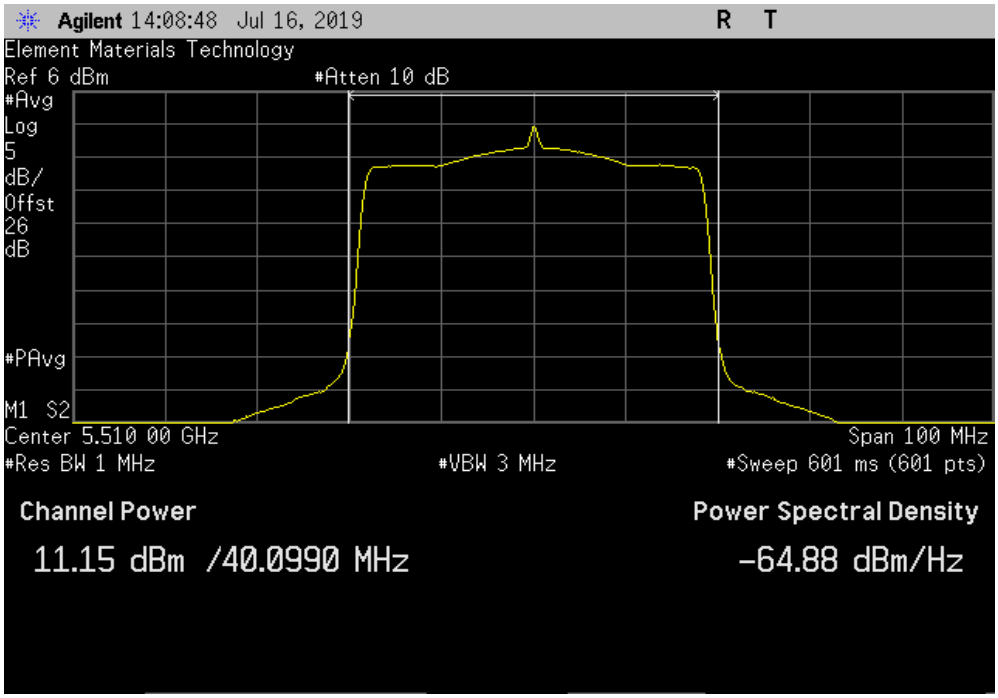
40 MHz, 802.11(n) MCS0, Ch 52/56, Low Channel 5270 MHz						
		Avg Cond Pwr (dBm)	Duty Cycle Factor (dB)	Out Pwr (dBm)	Limit (dBm)	Result
		11.513	0.6	12.1	24	Pass



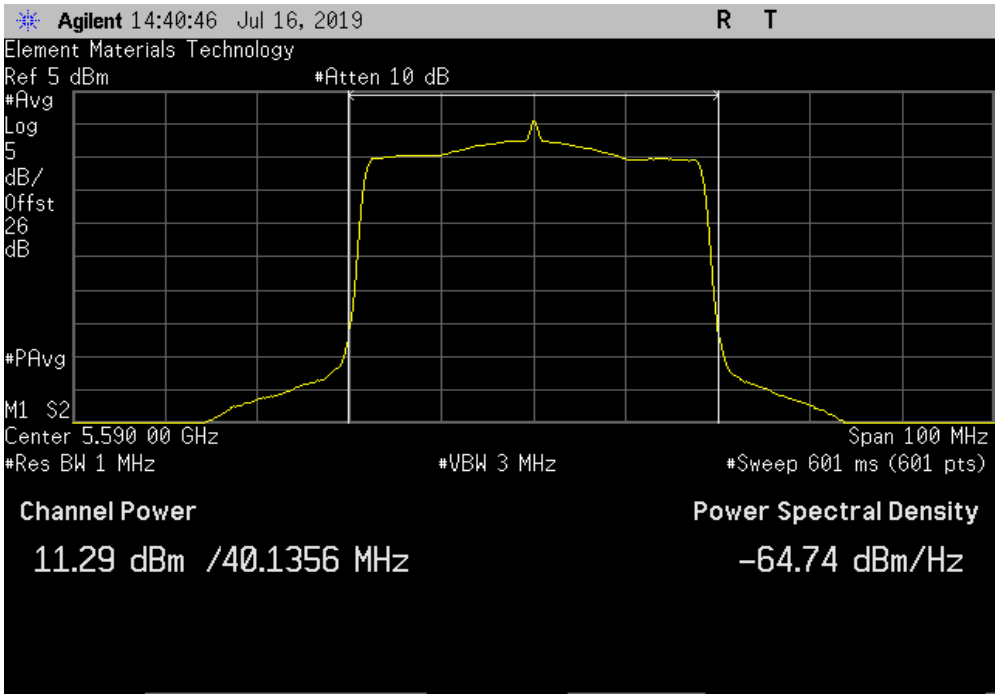
40 MHz, 802.11(n) MCS0, Ch 60/64, High Channel 5310 MHz						
		Avg Cond Pwr (dBm)	Duty Cycle Factor (dB)	Out Pwr (dBm)	Limit (dBm)	Result
		11.734	0.6	12.3	24	Pass



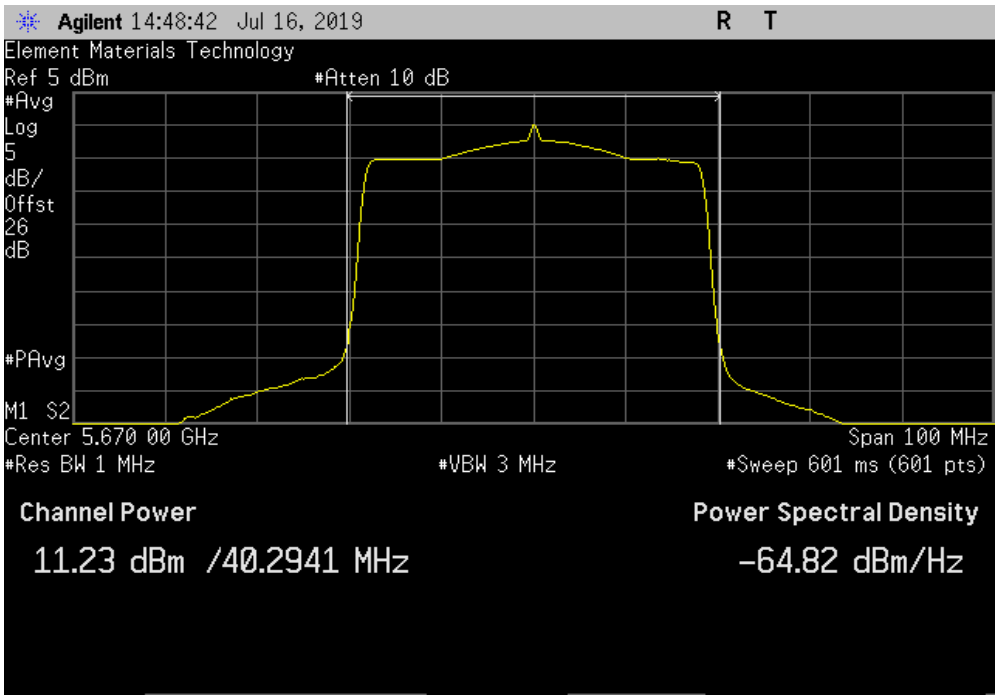
40 MHz, 802.11(n) MCS0, Ch 100/104, Low Channel 5510 MHz						
		Avg Cond Pwr (dBm)	Duty Cycle Factor (dB)	Out Pwr (dBm)	Limit (dBm)	Result
		11.152	0.6	11.8	24	Pass



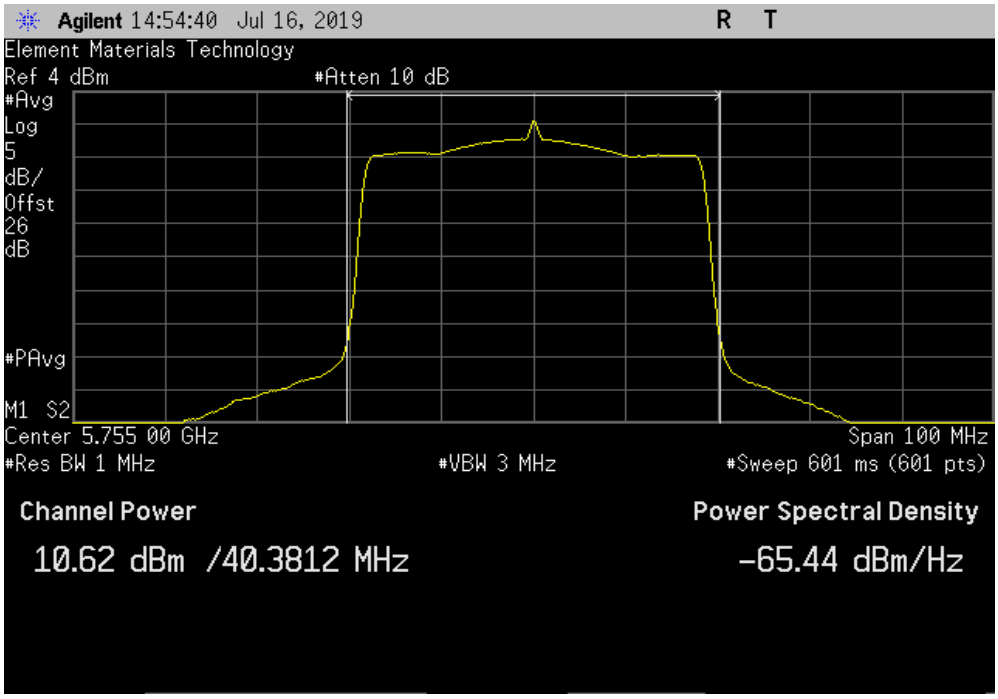
40 MHz, 802.11(n) MCS0, Ch 116/120, Mid Channel 5590 MHz						
		Avg Cond Pwr (dBm)	Duty Cycle Factor (dB)	Out Pwr (dBm)	Limit (dBm)	Result
		11.291	0.6	11.9	24	Pass



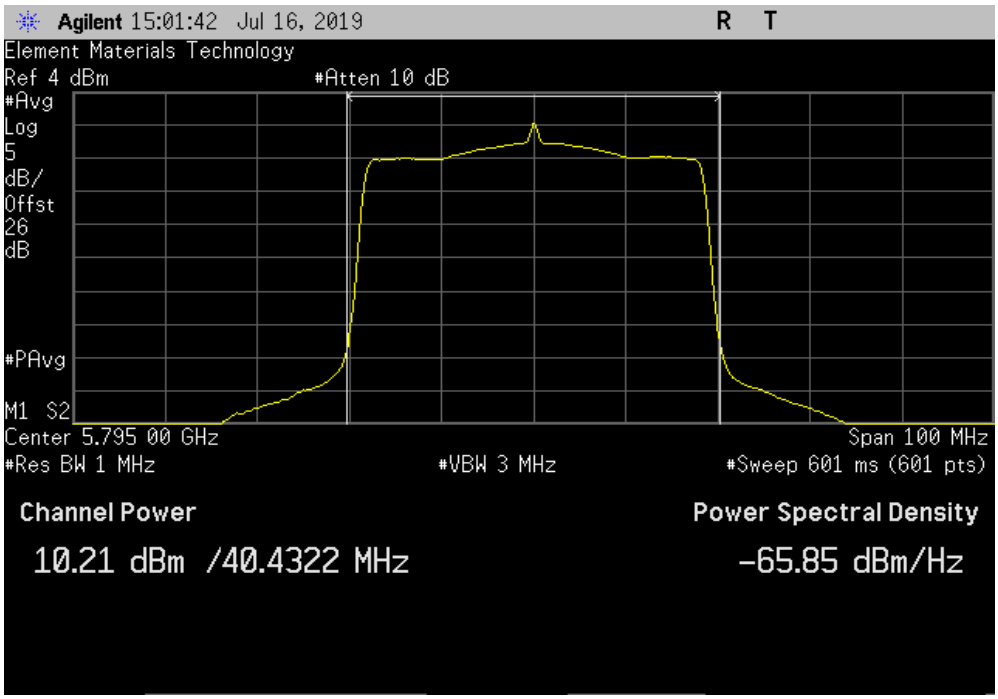
40 MHz, 802.11(n) MCS0, Ch 132/136, High Channel 5670 MHz						
		Avg Cond Pwr (dBm)	Duty Cycle Factor (dB)	Out Pwr (dBm)	Limit (dBm)	Result
		11.229	0.6	11.8	24	Pass



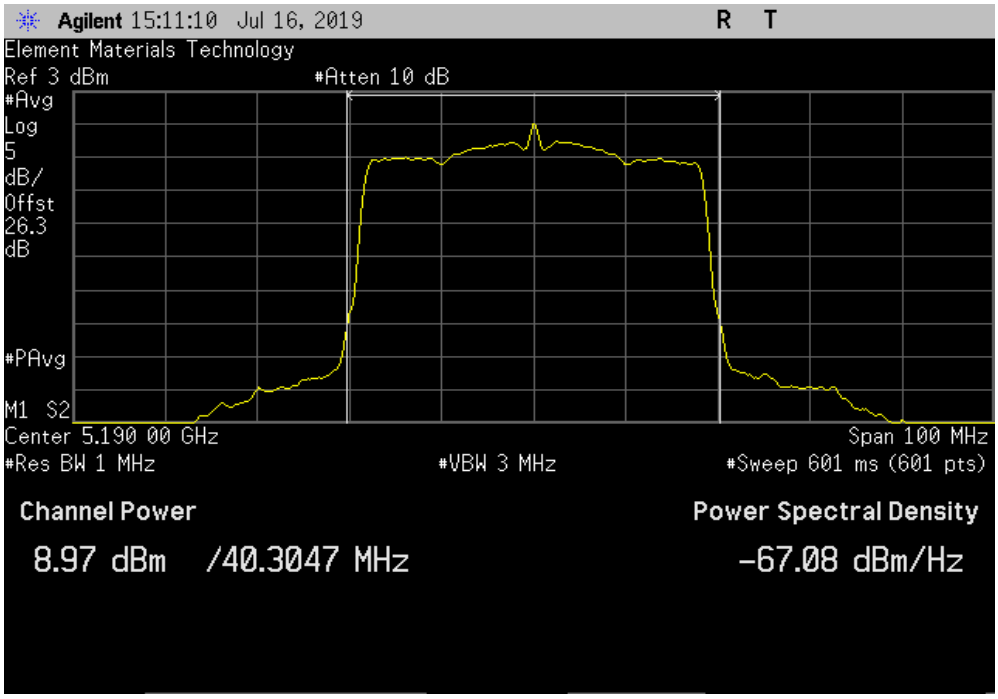
40 MHz, 802.11(n) MCS0, Ch 149/153, Low Channel 5755 MHz						
		Avg Cond Pwr (dBm)	Duty Cycle Factor (dB)	Out Pwr (dBm)	Limit (dBm)	Result
		10.624	0.6	11.2	24	Pass



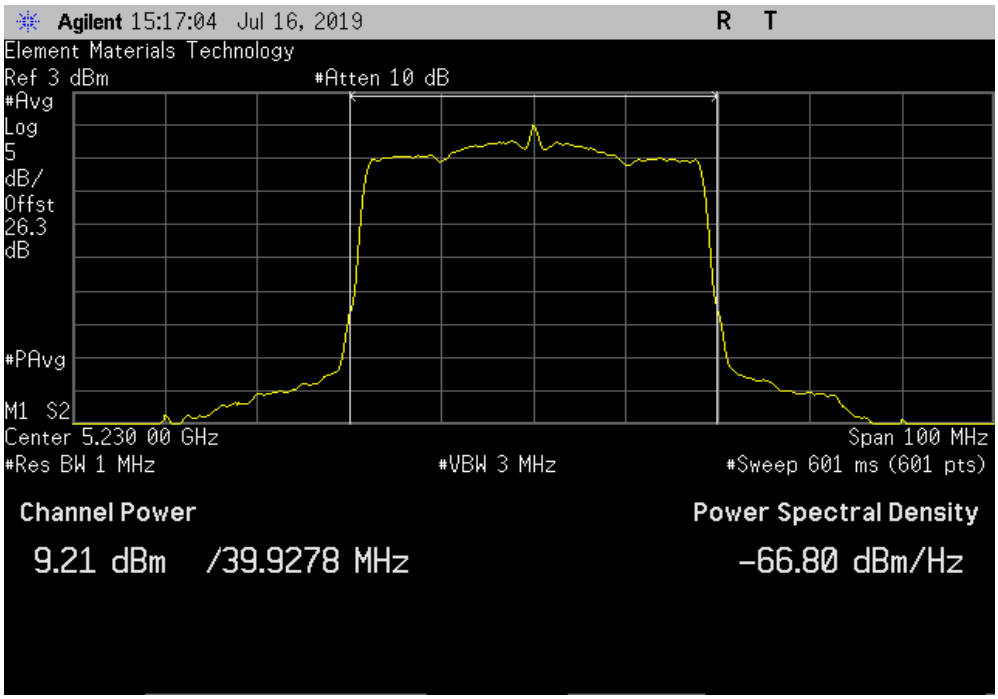
40 MHz, 802.11(n) MCS0, Ch 157/161, High Channel 5795 MHz						
		Avg Cond Pwr (dBm)	Duty Cycle Factor (dB)	Out Pwr (dBm)	Limit (dBm)	Result
		10.214	0.6	10.8	24	Pass



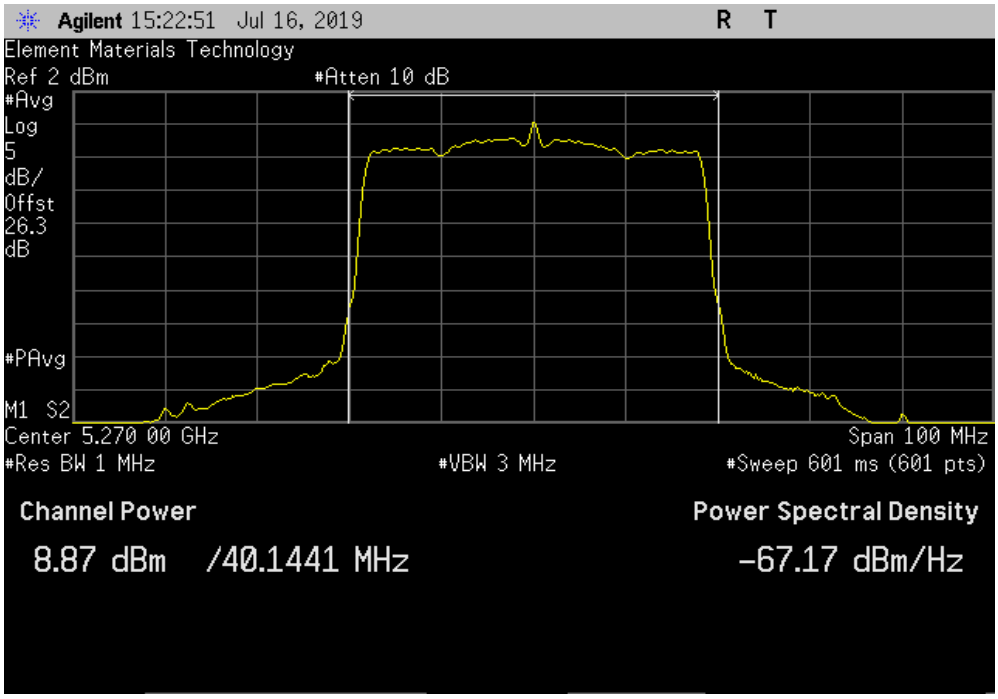
40 MHz, 802.11(n) MCS7, Ch 36/40, Low Channel 5190 MHz						
		Avg Cond Pwr (dBm)	Duty Cycle Factor (dB)	Out Pwr (dBm)	Limit (dBm)	Result
		8.972	3	11.9	24	Pass



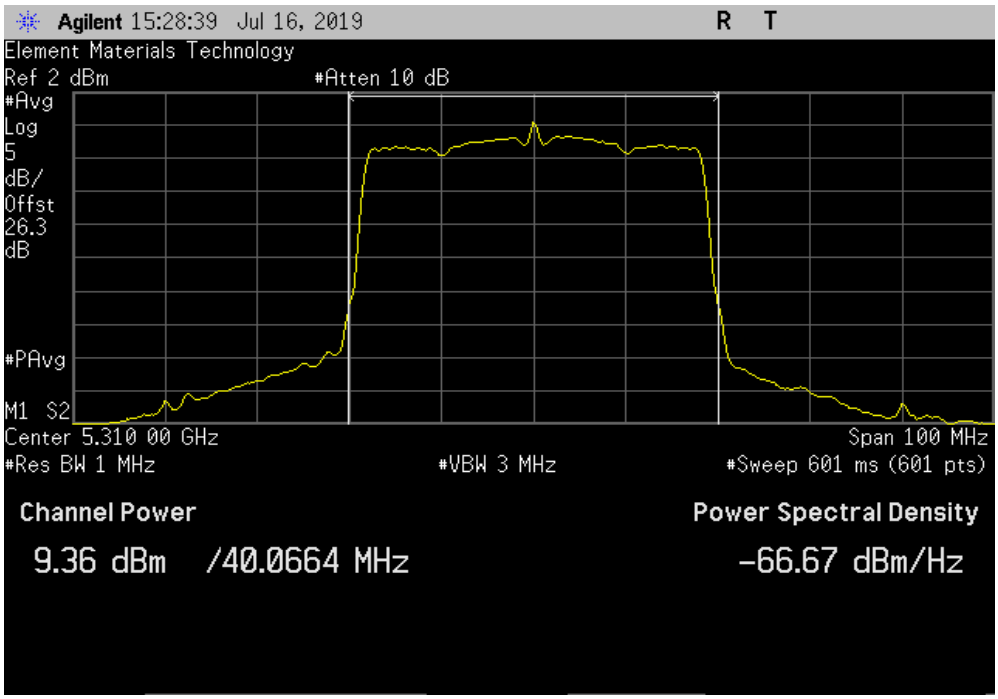
40 MHz, 802.11(n) MCS7, Ch 44/48, High Channel 5230 MHz						
		Avg Cond Pwr (dBm)	Duty Cycle Factor (dB)	Out Pwr (dBm)	Limit (dBm)	Result
		9.211	3	12.2	24	Pass



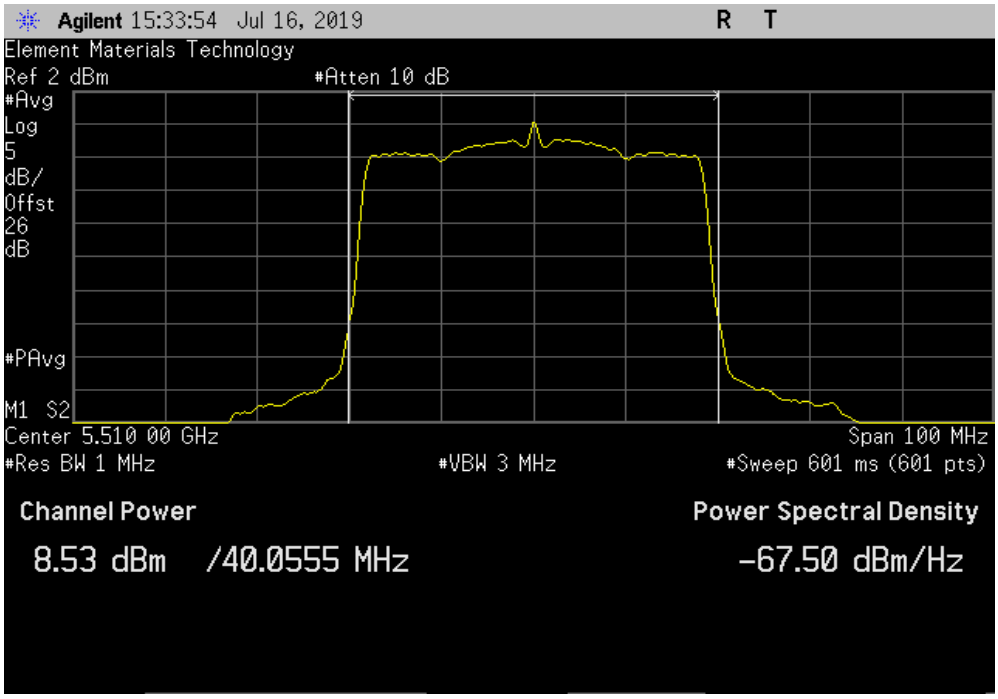
40 MHz, 802.11(n) MCS7, Ch 52/56, Low Channel 5270 MHz						
		Avg Cond Pwr (dBm)	Duty Cycle Factor (dB)	Out Pwr (dBm)	Limit (dBm)	Result
		8.869	3	11.8	24	Pass



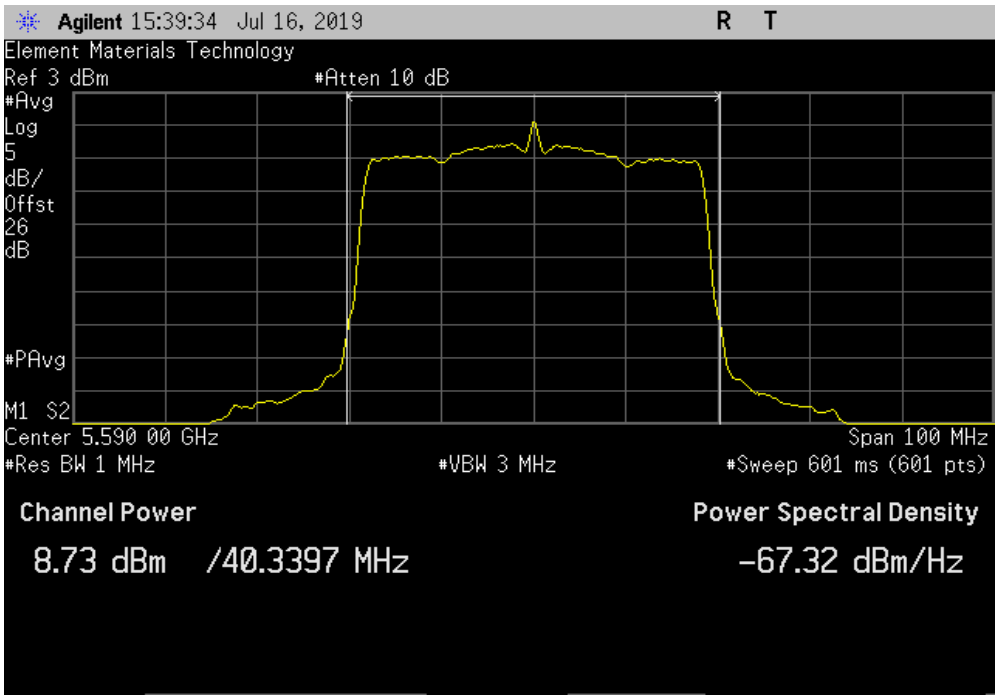
40 MHz, 802.11(n) MCS7, Ch 60/64, High Channel 5310 MHz						
		Avg Cond Pwr (dBm)	Duty Cycle Factor (dB)	Out Pwr (dBm)	Limit (dBm)	Result
		9.363	3	12.3	24	Pass



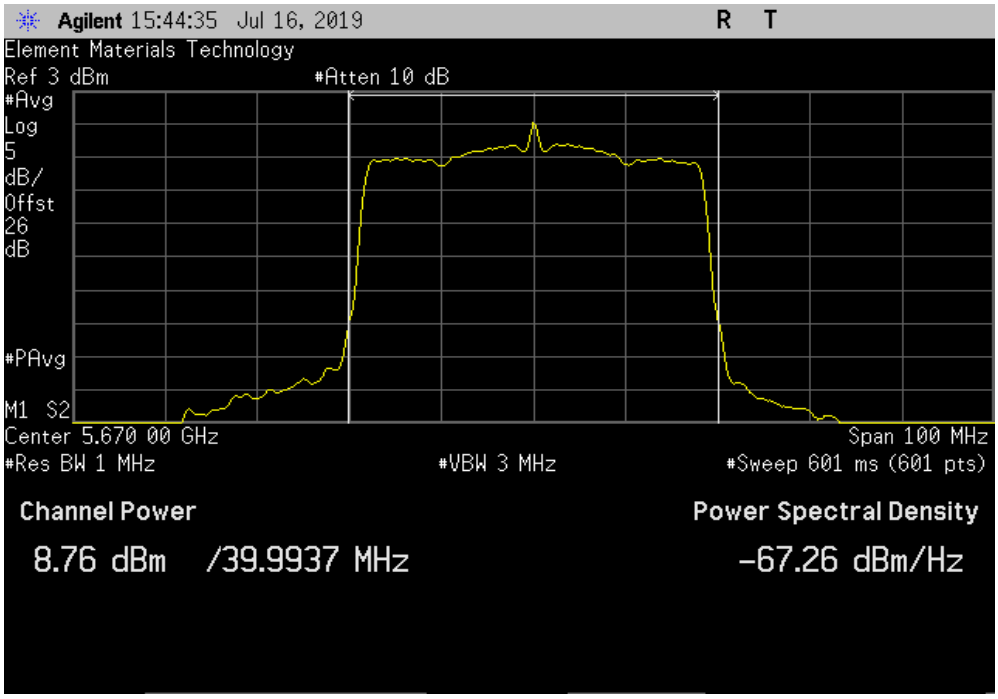
40 MHz, 802.11(n) MCS7, Ch 100/104, Low Channel 5510 MHz						
		Avg Cond Pwr (dBm)	Duty Cycle Factor (dB)	Out Pwr (dBm)	Limit (dBm)	Result
		8.528	3	11.5	24	Pass



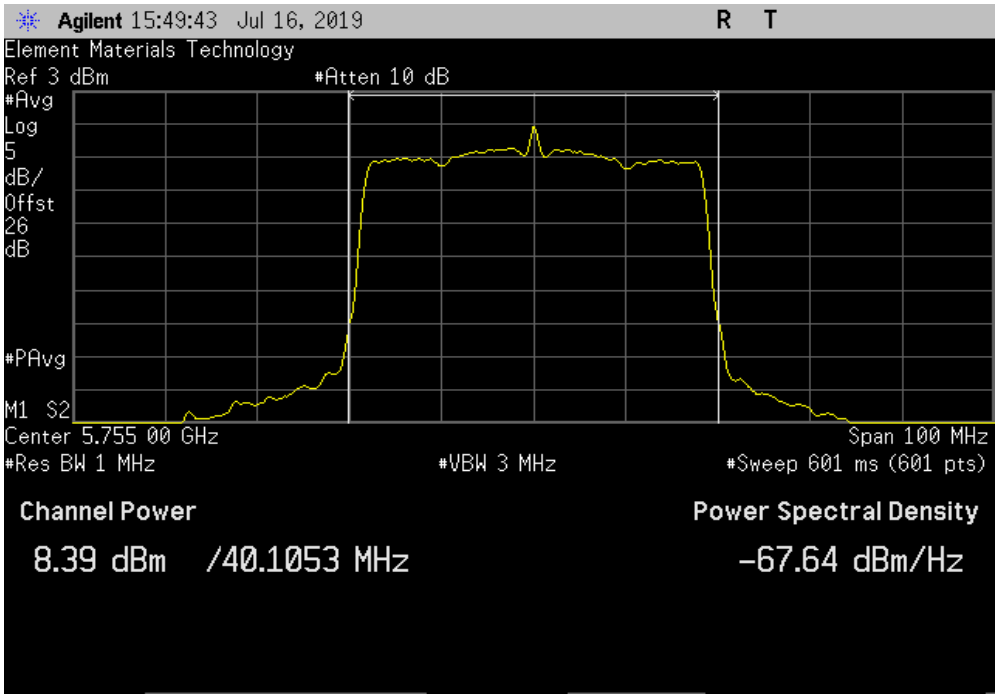
40 MHz, 802.11(n) MCS7, Ch 116/120, Mid Channel 5590 MHz						
		Avg Cond Pwr (dBm)	Duty Cycle Factor (dB)	Out Pwr (dBm)	Limit (dBm)	Result
		8.734	3	11.7	24	Pass



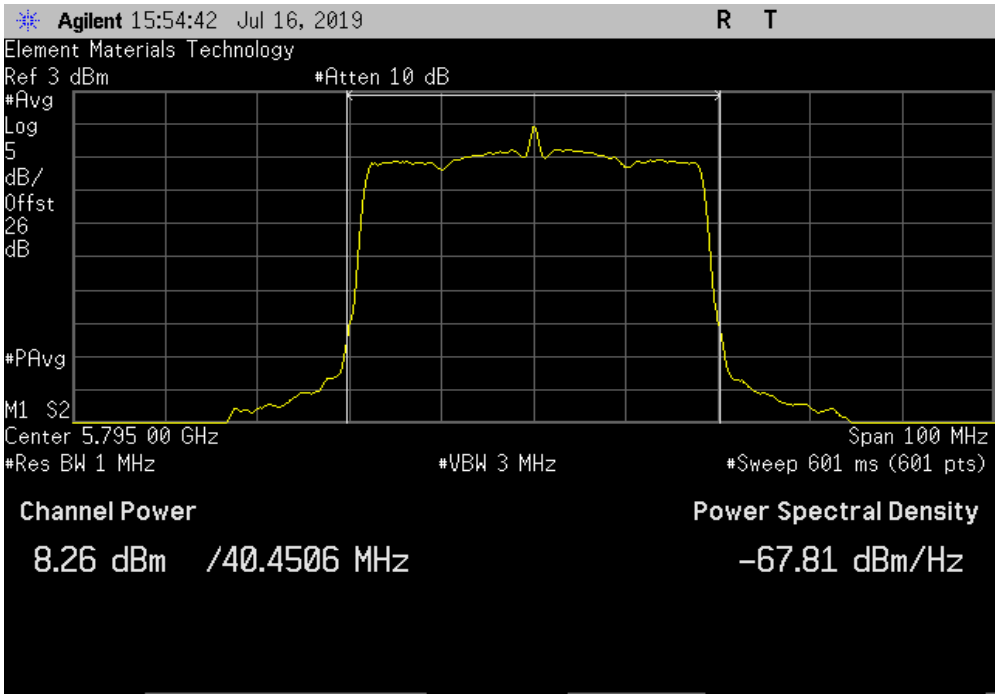
40 MHz, 802.11(n) MCS7, Ch 132/136, High Channel 5670 MHz						
		Avg Cond Pwr (dBm)	Duty Cycle Factor (dB)	Out Pwr (dBm)	Limit (dBm)	Result
		8.758	2.9	11.7	24	Pass



40 MHz, 802.11(n) MCS7, Ch 149/153, Low Channel 5755 MHz						
		Avg Cond Pwr (dBm)	Duty Cycle Factor (dB)	Out Pwr (dBm)	Limit (dBm)	Result
		8.393	2.9	11.3	24	Pass



40 MHz, 802.11(n) MCS7, Ch 157/161, High Channel 5795 MHz						
		Avg Cond Pwr (dBm)	Duty Cycle Factor (dB)	Out Pwr (dBm)	Limit (dBm)	Result
		8.255	2.9	11.2	24	Pass



EQUIVALENT ISOTROPIC RADIATED POWER (EIRP)

XMit 2019.05.15

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.	Cal. Due
Generator - Signal	Agilent	E8257D	TGU	15-Feb-18	15-Feb-21
Cable	Fairview Microwave	SCA1814-0101-120	OCZ	NCR	NCR
Attenuator	Fairview Microwave	SA18H-20	TKR	20-Dec-18	20-Dec-19
Block - DC	Fairview Microwave	SD3379	AMV	3-Jan-19	3-Jan-20
Analyzer - Spectrum Analyzer	Agilent	E4446A	AAY	30-Nov-18	30-Nov-19

TEST DESCRIPTION

The measurement was made using a direct connection between the RF output of the EUT and a spectrum analyzer. 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.

Prior to measuring maximum transmit power; the 99% emission bandwidth (B) and the transmission pulse duration (T) were measured. The method of measuring the emission bandwidth and the associated data are found elsewhere in this test report. The transmission pulse duration (T) was measured using a zero span on the spectrum analyzer to see the pulses in the time domain.

The maximum conducted output power 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).

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

-RMS Detector

-Trace average 100 traces in power averaging mode.

-Power was integrated across “B”, by using the channel power function of the analyzer.

-EIRP = Max Measured Power + Antenna gain (dBi)

A duty cycle correction factor was added to the measurement using the results of the formula of 10*LOG(1/D) where D is the duty cycle.

EQUIVALENT ISOTROPIC RADIATED POWER (EIRP)

element

TbtTx 2018.09.13 XMit 2019.05.15

EUT:	MWMII			**Work Order:**	MASI0553
Serial Number:	ENG-1			**Date:**	16-Jul-19
Customer:	Masimo Corporation			**Temperature:**	24..5 °C
Attendees:	Anami Joshi & Nghi Nguyen			**Humidity:**	47.2% RH
Project:	None			**Barometric Pres.:**	1015 mbar
Tested by:	Nolan De Ramos, Luis Flores, and Mark Baytan	**Power:**	3.6VDC	**Job Site:**	OC13
TEST SPECIFICATIONS		**Test Method**			
FCC 15.407:2019		ANSI C63.10:2013			

COMMENTS

Reference level offset: DC block + 20dB attenuator + coax cable + client provided patch cable = 26.3dB Total Offset (5.2 GHz - 5.35 GHz)
Reference level offset: DC block + 20dB attenuator + coax cable + client provided patch cable = 26dB Total Offset (5.35 GHz - 5.8 GHz)

DEVIATIONS FROM TEST STANDARD

None

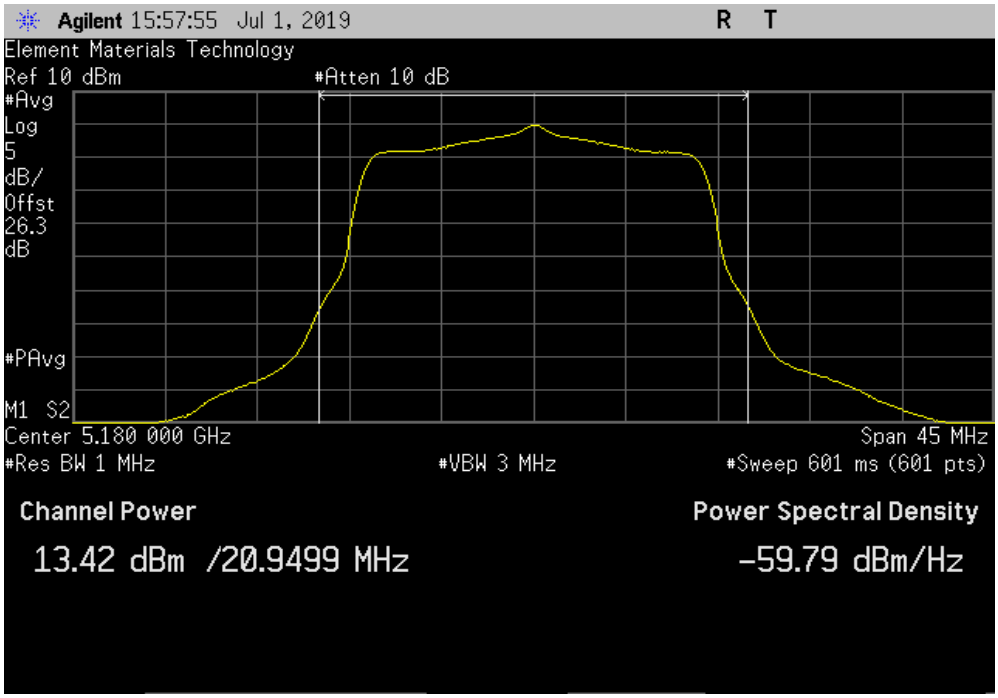
Configuration # 8

	Avg Cond Pwr (dBm)	Duty Cycle Factor (dB)	Out Pwr (dBm)	Antenna Gain (dBi)	EIRP (dBm)	EIRP Limit (dBm)	Result
20 MHz							
802.11(a) 6 Mbps							
Ch 36, Low Channel 5180 MHz	13.418	0.3	13.7	5	18.7	30	Pass
Ch 40, Mid Channel 5200 MHz	13.725	0.3	14.0	5	19.0	30	Pass
Ch 48, High Channel 5240 MHz	13.934	0.3	14.2	5	19.2	30	Pass
Ch 52, Low Channel 5260 MHz	13.479	0.3	13.8	5	18.8	30	Pass
Ch 60, Mid Channel 5300 MHz	13.556	0.3	13.9	5	18.9	30	Pass
Ch 64, High Channel 5320 MHz	13.763	0.3	14.1	5	19.1	30	Pass
Ch 100, Low Channel 5500 MHz	13.082	0.3	13.4	6	19.4	30	Pass
Ch 116, Mid Channel 5580 MHz	12.907	0.3	13.2	6	19.2	30	Pass
Ch 140, High Channel 5700 MHz	12.103	0.3	12.4	6	18.4	30	Pass
Ch 149, Low Channel 5745 MHz	12.327	0.3	12.6	6	18.6	36	Pass
Ch 157, Mid Channel 5785 MHz	11.774	0.3	12.1	6	18.1	36	Pass
Ch 165, High Channel 5825 MHz	11.027	0.3	11.3	6	17.3	36	Pass
802.11(a) 36 Mbps							
Ch 36, Low Channel 5180 MHz	12.261	1.5	13.7	5	18.7	30	Pass
Ch 40, Mid Channel 5200 MHz	12.43	1.5	13.9	5	18.9	30	Pass
Ch 48, High Channel 5240 MHz	12.582	1.5	14.0	5	19.0	30	Pass
Ch 52, Low Channel 5260 MHz	12.141	1.5	13.6	5	18.6	30	Pass
Ch 60, Mid Channel 5300 MHz	12.300	1.5	13.8	5	18.8	30	Pass
Ch 64, High Channel 5320 MHz	12.438	1.5	13.9	5	18.9	30	Pass
Ch 100, Low Channel 5500 MHz	11.867	1.5	13.3	6	19.3	30	Pass
Ch 116, Mid Channel 5580 MHz	11.946	1.4	13.4	6	19.4	30	Pass
Ch 140, High Channel 5700 MHz	10.906	1.4	12.4	6	18.4	30	Pass
Ch 149, Low Channel 5745 MHz	10.935	1.4	12.4	6	18.4	36	Pass
Ch 157, Mid Channel 5785 MHz	10.401	1.4	11.8	6	17.8	36	Pass
Ch 165, High Channel 5825 MHz	10.030	1.4	11.5	6	17.5	36	Pass
802.11(a) 54 Mbps							
Ch 36, Low Channel 5180 MHz	11.704	1.9	13.6	5	18.6	30	Pass
Ch 40, Mid Channel 5200 MHz	11.767	2	13.7	5	18.7	30	Pass
Ch 48, High Channel 5240 MHz	12.072	1.9	14.0	5	19.0	30	Pass
Ch 52, Low Channel 5260 MHz	11.557	2	13.5	5	18.5	30	Pass
Ch 60, Mid Channel 5300 MHz	11.762	1.9	13.7	5	18.7	30	Pass
Ch 64, High Channel 5320 MHz	12.070	1.9	14.0	5	19.0	30	Pass
Ch 100, Low Channel 5500 MHz	11.263	1.9	13.2	6	19.2	30	Pass
Ch 116, Mid Channel 5580 MHz	11.276	1.9	13.2	6	19.2	30	Pass
Ch 140, High Channel 5700 MHz	10.484	1.9	12.4	6	18.4	30	Pass
Ch 149, Low Channel 5745 MHz	10.594	1.9	12.5	6	18.5	36	Pass
Ch 157, Mid Channel 5785 MHz	10.004	1.9	11.9	6	17.9	36	Pass
Ch 165, High Channel 5825 MHz	9.648	2	11.6	6	17.6	36	Pass
802.11(n) MCS0							
Ch 36, Low Channel 5180 MHz	14.586	0.3	14.9	5	19.9	30	Pass
Ch 40, Mid Channel 5200 MHz	14.747	0.3	15.1	5	20.1	30	Pass
Ch 48, High Channel 5240 MHz	13.695	0.3	14.0	5	19.0	30	Pass
Ch 52, Low Channel 5260 MHz	14.571	0.3	14.9	5	19.9	30	Pass
Ch 60, Mid Channel 5300 MHz	14.766	0.3	15.1	5	20.1	30	Pass
Ch 64, High Channel 5320 MHz	14.886	0.3	15.2	5	20.2	30	Pass
Ch 100, Low Channel 5500 MHz	14.077	0.3	14.4	6	20.4	30	Pass
Ch 116, Mid Channel 5580 MHz	13.928	0.3	14.2	6	20.2	30	Pass
Ch 140, High Channel 5700 MHz	13.291	0.3	13.6	6	19.6	30	Pass
Ch 149, Low Channel 5745 MHz	13.412	0.3	13.7	6	19.7	36	Pass
Ch 157, Mid Channel 5785 MHz	12.781	0.3	13.1	6	19.1	36	Pass
Ch 165, High Channel 5825 MHz	12.337	0.3	12.7	6	18.7	36	Pass
802.11(n) MCS7							
Ch 36, Low Channel 5180 MHz	12.849	2.1	14.9	5	19.9	30	Pass
Ch 40, Mid Channel 5200 MHz	11.597	2.1	13.7	5	18.7	30	Pass
Ch 48, High Channel 5240 MHz	11.925	2.1	14.0	5	19.0	30	Pass
Ch 52, Low Channel 5260 MHz	13.009	2.1	15.1	5	20.1	30	Pass
Ch 60, Mid Channel 5300 MHz	13.172	2	15.2	5	20.2	30	Pass
Ch 64, High Channel 5320 MHz	13.298	2	15.3	5	20.3	30	Pass
Ch 100, Low Channel 5500 MHz	12.374	2	14.4	6	20.4	30	Pass
Ch 116, Mid Channel 5580 MHz	12.385	2	14.4	6	20.4	30	Pass
Ch 140, High Channel 5700 MHz	11.758	2.1	13.8	6	19.8	30	Pass
Ch 149, Low Channel 5745 MHz	11.814	2	13.9	6	19.9	36	Pass
Ch 157, Mid Channel 5785 MHz	11.216	2	13.3	6	19.3	36	Pass
Ch 165, High Channel 5825 MHz	10.546	2	12.6	6	18.6	36	Pass
40 MHz							
802.11(n) MCS0							
Ch 36/40, Low Channel 5190 MHz	11.500	0.6	12.1	5	17.1	30	Pass
Ch 44/48, High Channel 5230 MHz	11.823	0.6	12.4	5	17.4	30	Pass
Ch 52/56, Low Channel 5270 MHz	11.513	0.6	12.1	5	17.1	30	Pass
Ch 60/64, High Channel 5310 MHz	11.734	0.6	12.3	5	17.3	30	Pass
Ch 100/104, Low Channel 5510 MHz	11.152	0.6	11.8	6	17.8	30	Pass
Ch 116/120, Mid Channel 5590 MHz	11.291	0.6	11.9	6	17.9	30	Pass
Ch 132/136, High Channel 5670 MHz	11.229	0.6	11.8	6	17.8	30	Pass
Ch 149/153, Low Channel 5755 MHz	10.624	0.6	11.2	6	17.2	30	Pass
Ch 157/161, High Channel 5795 MHz	10.214	0.6	10.8	6	16.8	30	Pass

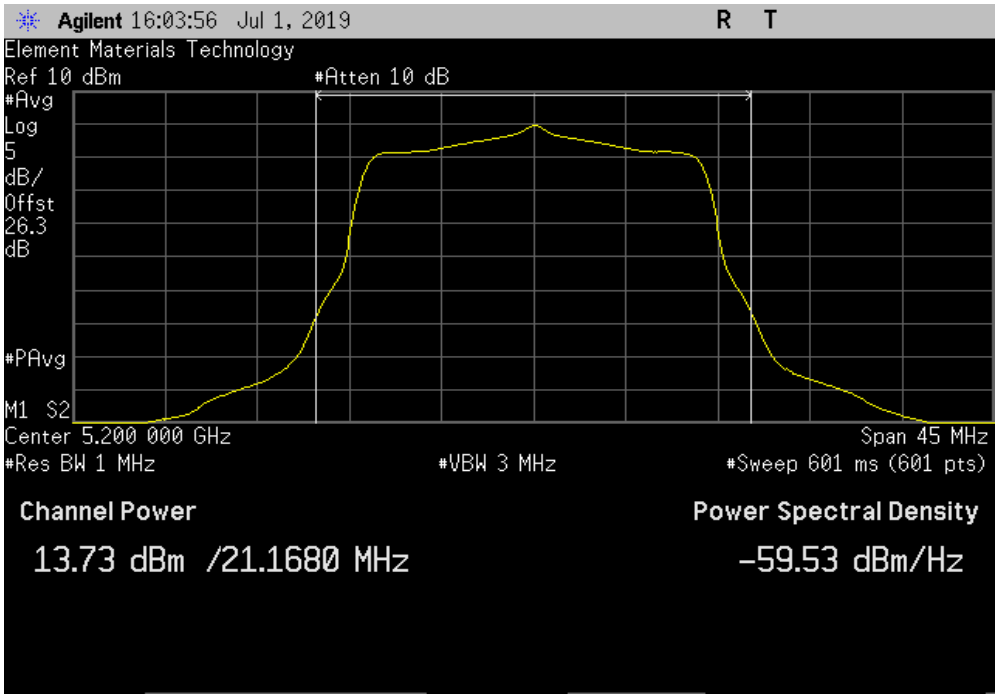
802.11(n) MCS7							
Ch 36/40, Low Channel 5190 MHz	8.972	3	11.9	5	16.9	30	Pass
Ch 44/48, High Channel 5230 MHz	9.211	3	12.2	5	17.2	30	Pass
Ch 52/56, Low Channel 5270 MHz	8.869	3	11.8	5	16.8	30	Pass
Ch 60/64, High Channel 5310 MHz	9.363	3	12.3	5	17.3	30	Pass
Ch 100/104, Low Channel 5510 MHz	8.528	3	11.5	6	17.5	30	Pass
Ch 116/120, Mid Channel 5590 MHz	8.734	3	11.7	6	17.7	30	Pass
Ch 132/136, High Channel 5670 MHz	8.758	2.9	11.7	6	17.7	30	Pass
Ch 149/153, Low Channel 5755 MHz	8.393	2.9	11.3	6	17.3	30	Pass
Ch 157/161, High Channel 5795 MHz	8.255	2.9	11.2	6	17.2	30	Pass

EQUIVALENT ISOTROPIC RADIATED POWER (EIRP)

20 MHz, 802.11(a) 6 Mbps, Ch 36, Low Channel 5180 MHz						
Avg Cond Pwr (dBm)	Duty Cycle Factor (dB)	Out Pwr (dBm)	Antenna Gain (dBi)	EIRP (dBm)	EIRP Limit (dBm)	Result
13.418	0.3	13.7	5	18.7	30	Pass

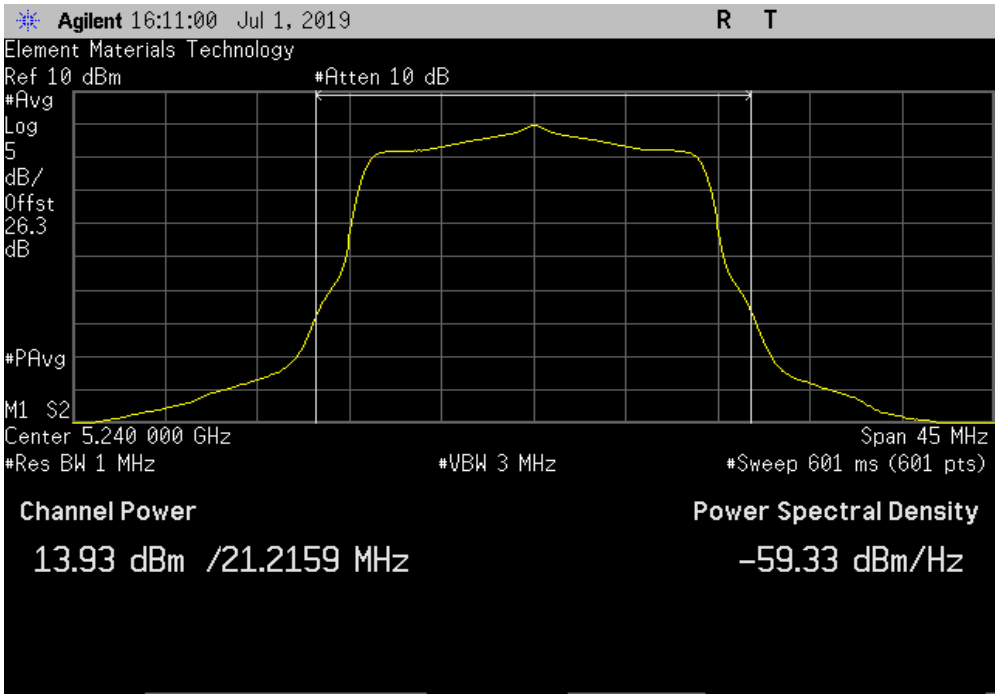


20 MHz, 802.11(a) 6 Mbps, Ch 40, Mid Channel 5200 MHz						
Avg Cond Pwr (dBm)	Duty Cycle Factor (dB)	Out Pwr (dBm)	Antenna Gain (dBi)	EIRP (dBm)	EIRP Limit (dBm)	Result
13.725	0.3	14	5	19	30	Pass

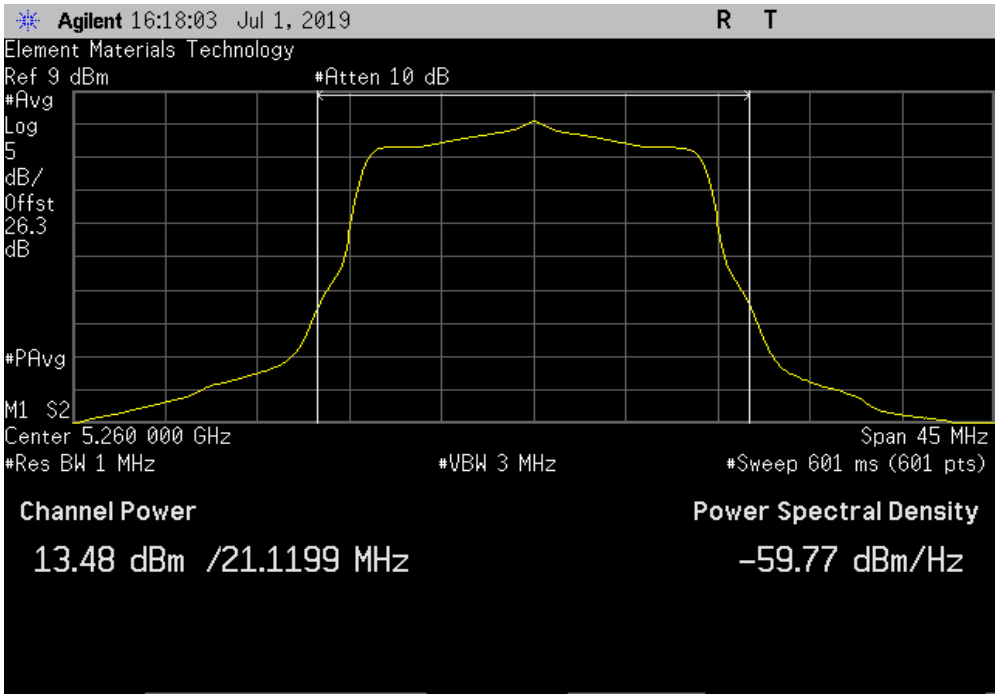


EQUIVALENT ISOTROPIC RADIATED POWER (EIRP)

20 MHz, 802.11(a) 6 Mbps, Ch 48, High Channel 5240 MHz						
Avg Cond Pwr (dBm)	Duty Cycle Factor (dB)	Out Pwr (dBm)	Antenna Gain (dBi)	EIRP (dBm)	EIRP Limit (dBm)	Result
13.934	0.3	14.2	5	19.2	30	Pass

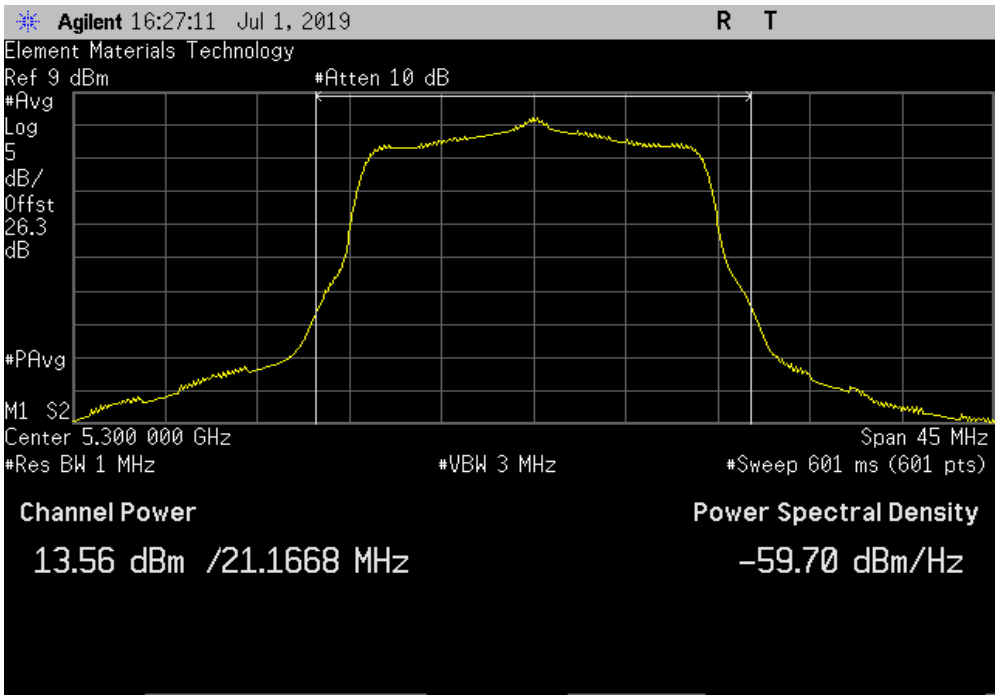


20 MHz, 802.11(a) 6 Mbps, Ch 52, Low Channel 5260 MHz						
Avg Cond Pwr (dBm)	Duty Cycle Factor (dB)	Out Pwr (dBm)	Antenna Gain (dBi)	EIRP (dBm)	EIRP Limit (dBm)	Result
13.479	0.3	13.8	5	18.8	30	Pass

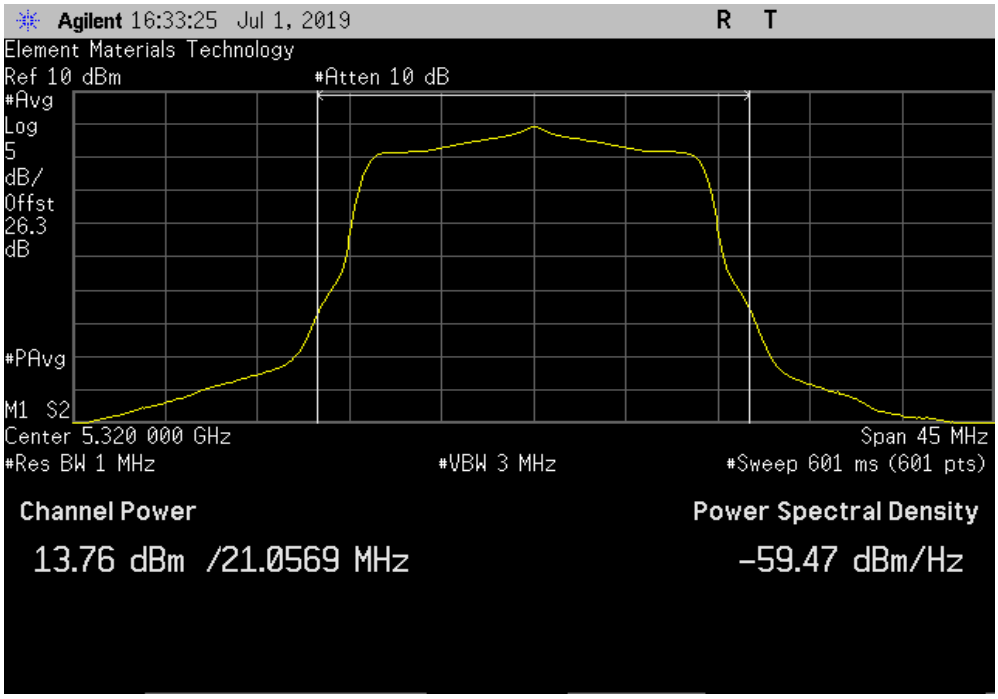


EQUIVALENT ISOTROPIC RADIATED POWER (EIRP)

20 MHz, 802.11(a) 6 Mbps, Ch 60, Mid Channel 5300 MHz						
Avg Cond Pwr (dBm)	Duty Cycle Factor (dB)	Out Pwr (dBm)	Antenna Gain (dBi)	EIRP (dBm)	EIRP Limit (dBm)	Result
13.556	0.3	13.9	5	18.9	30	Pass

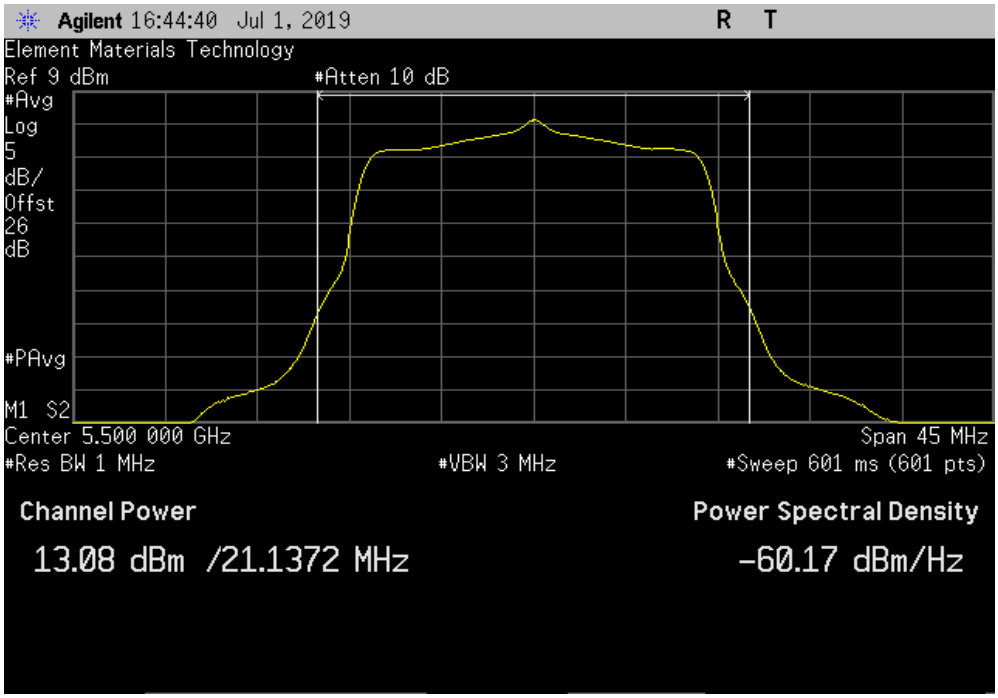


20 MHz, 802.11(a) 6 Mbps, Ch 64, High Channel 5320 MHz						
Avg Cond Pwr (dBm)	Duty Cycle Factor (dB)	Out Pwr (dBm)	Antenna Gain (dBi)	EIRP (dBm)	EIRP Limit (dBm)	Result
13.763	0.3	14.1	5	19.1	30	Pass

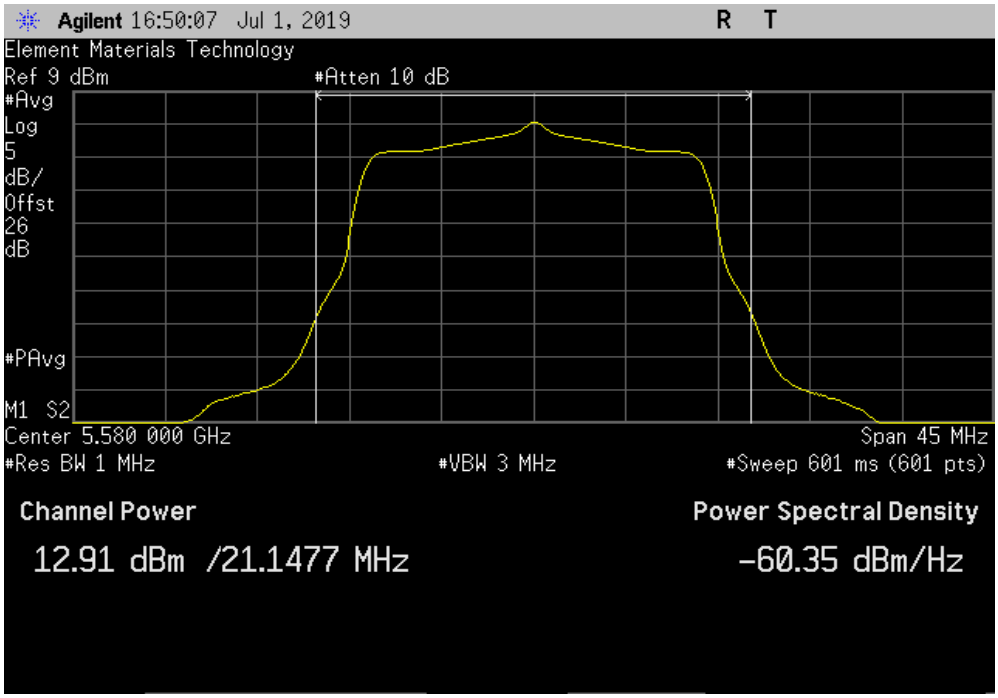


EQUIVALENT ISOTROPIC RADIATED POWER (EIRP)

20 MHz, 802.11(a) 6 Mbps, Ch 100, Low Channel 5500 MHz						
Avg Cond Pwr (dBm)	Duty Cycle Factor (dB)	Out Pwr (dBm)	Antenna Gain (dBi)	EIRP (dBm)	EIRP Limit (dBm)	Result
13.082	0.3	13.4	6	19.4	30	Pass

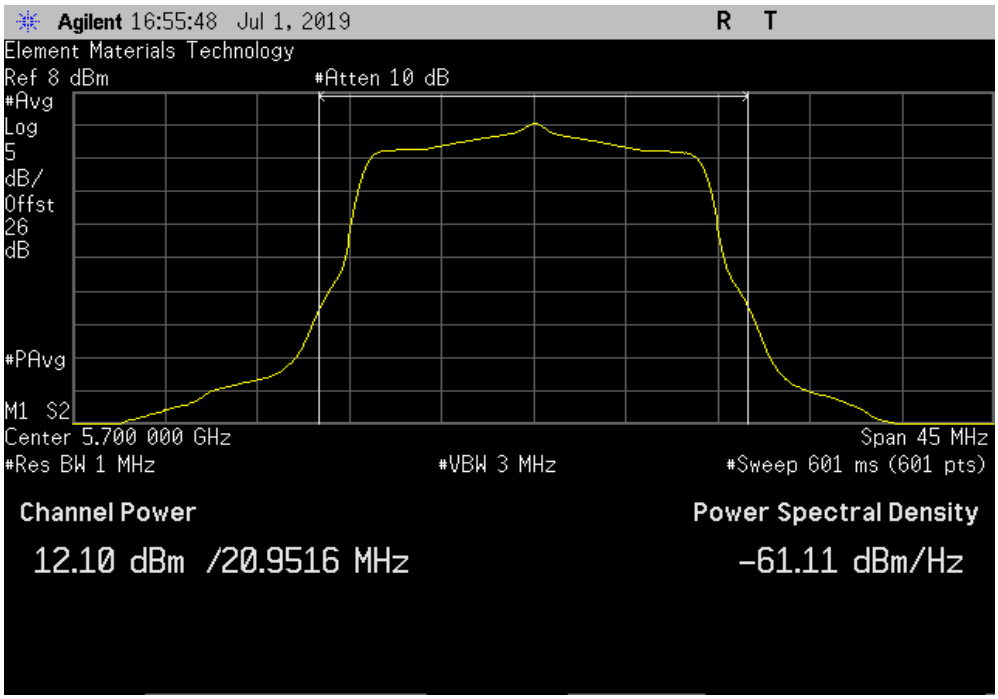


20 MHz, 802.11(a) 6 Mbps, Ch 116, Mid Channel 5580 MHz						
Avg Cond Pwr (dBm)	Duty Cycle Factor (dB)	Out Pwr (dBm)	Antenna Gain (dBi)	EIRP (dBm)	EIRP Limit (dBm)	Result
12.907	0.3	13.2	6	19.2	30	Pass

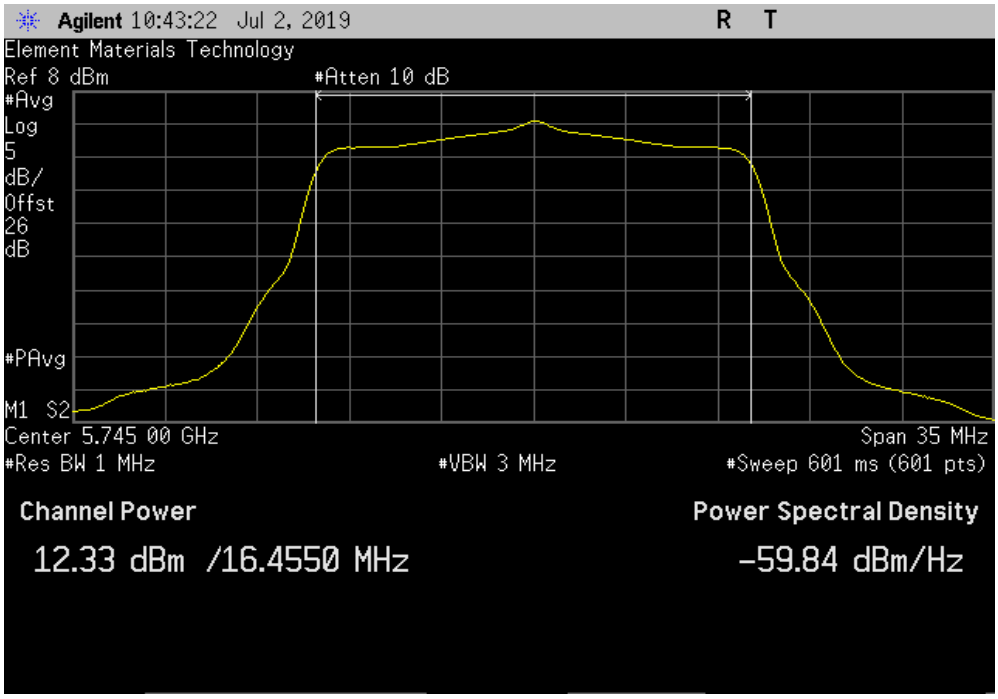


EQUIVALENT ISOTROPIC RADIATED POWER (EIRP)

20 MHz, 802.11(a) 6 Mbps, Ch 140, High Channel 5700 MHz						
Avg Cond Pwr (dBm)	Duty Cycle Factor (dB)	Out Pwr (dBm)	Antenna Gain (dBi)	EIRP (dBm)	EIRP Limit (dBm)	Result
12.103	0.3	12.4	6	18.4	30	Pass

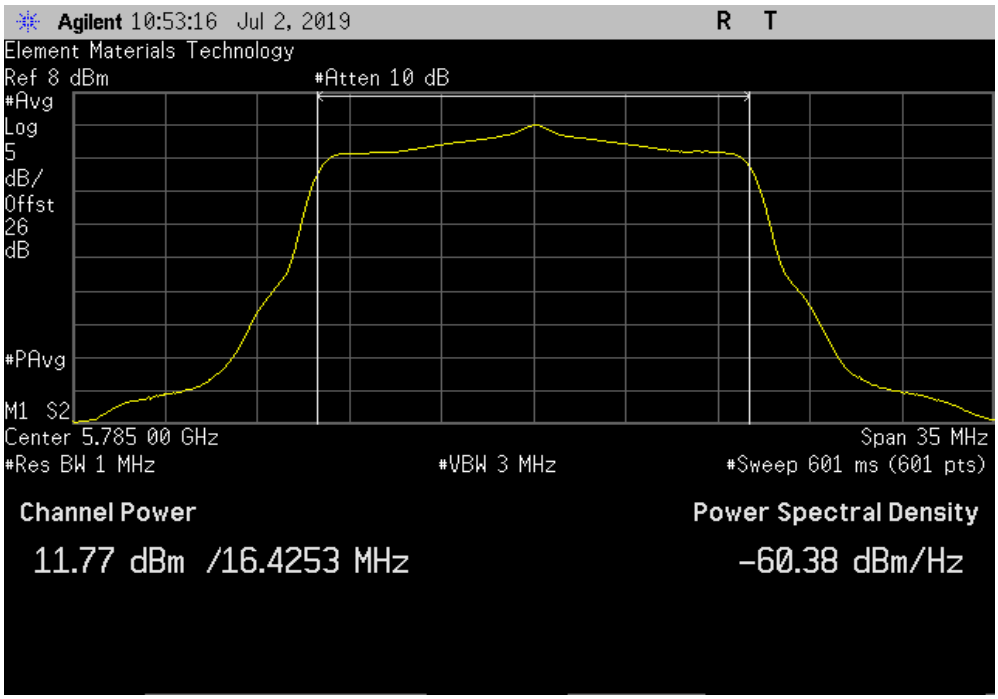


20 MHz, 802.11(a) 6 Mbps, Ch 149, Low Channel 5745 MHz						
Avg Cond Pwr (dBm)	Duty Cycle Factor (dB)	Out Pwr (dBm)	Antenna Gain (dBi)	EIRP (dBm)	EIRP Limit (dBm)	Result
12.327	0.3	12.6	6	18.6	36	Pass

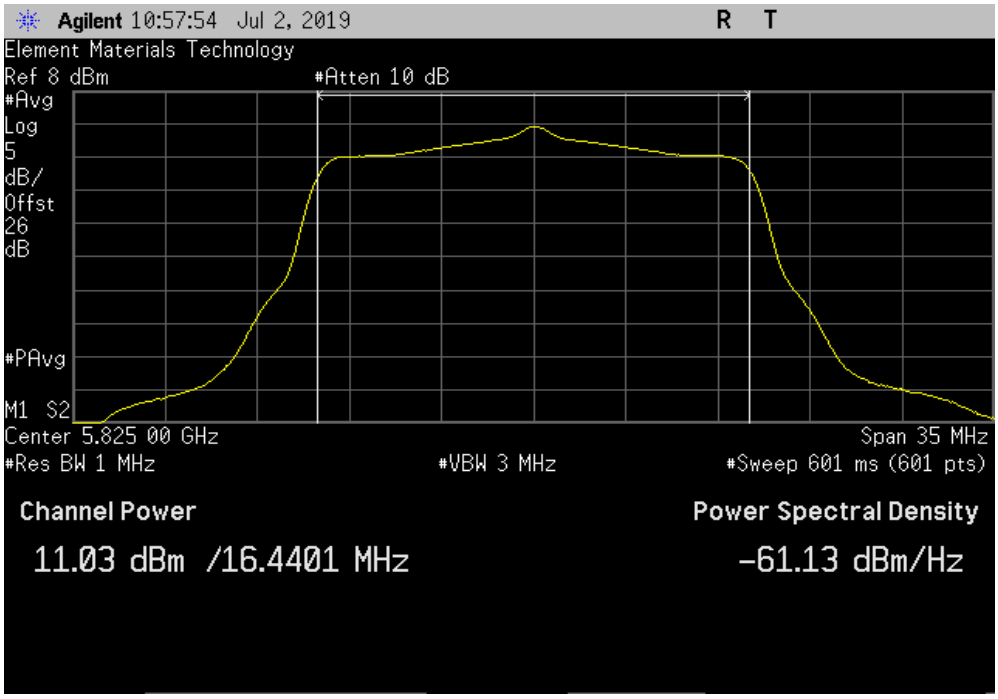


EQUIVALENT ISOTROPIC RADIATED POWER (EIRP)

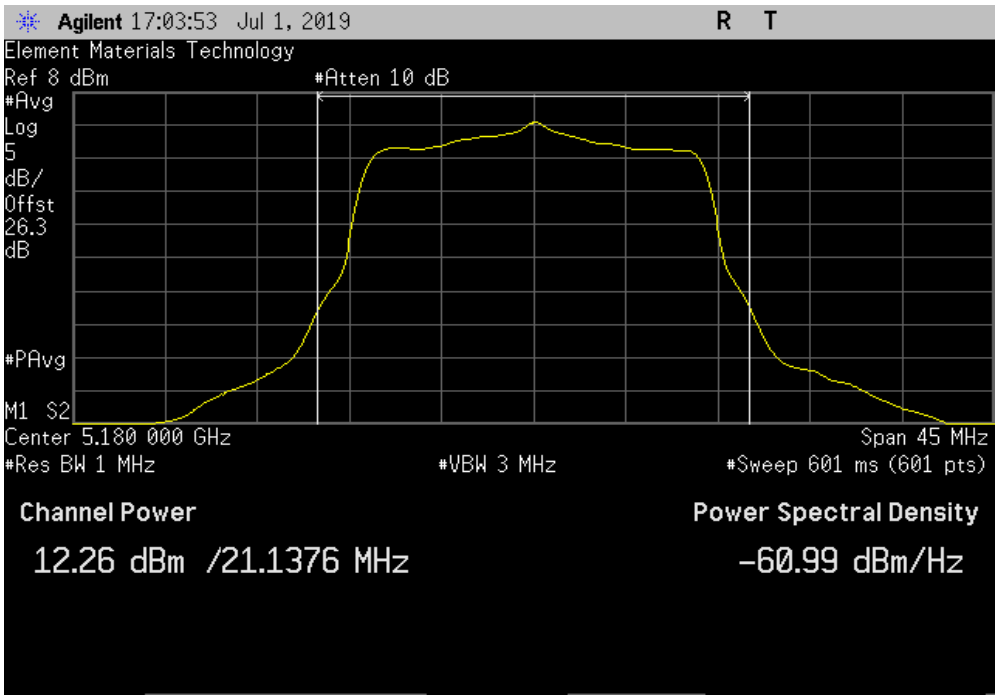
20 MHz, 802.11(a) 6 Mbps, Ch 157, Mid Channel 5785 MHz						
Avg Cond Pwr (dBm)	Duty Cycle Factor (dB)	Out Pwr (dBm)	Antenna Gain (dBi)	EIRP (dBm)	EIRP Limit (dBm)	Result
11.774	0.3	12.1	6	18.1	36	Pass



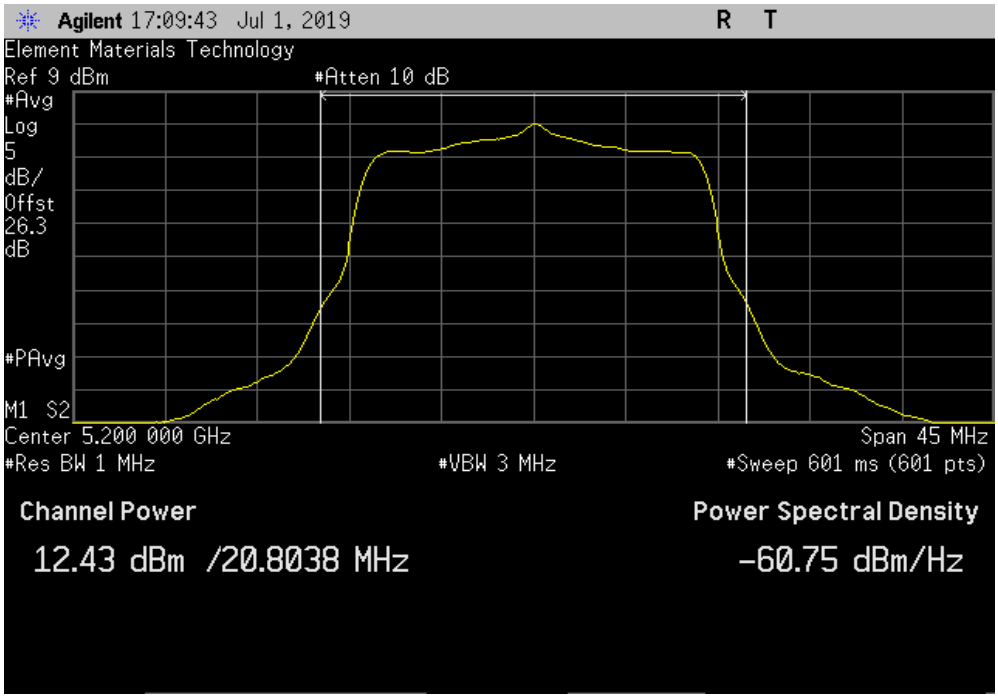
20 MHz, 802.11(a) 6 Mbps, Ch 165, High Channel 5825 MHz						
Avg Cond Pwr (dBm)	Duty Cycle Factor (dB)	Out Pwr (dBm)	Antenna Gain (dBi)	EIRP (dBm)	EIRP Limit (dBm)	Result
11.027	0.3	11.3	6	17.3	36	Pass



20 MHz, 802.11(a) 36 Mbps, Ch 36, Low Channel 5180 MHz						
Avg Cond Pwr (dBm)	Duty Cycle Factor (dB)	Out Pwr (dBm)	Antenna Gain (dBi)	EIRP (dBm)	EIRP Limit (dBm)	Result
12.261	1.5	13.7	5	18.7	30	Pass

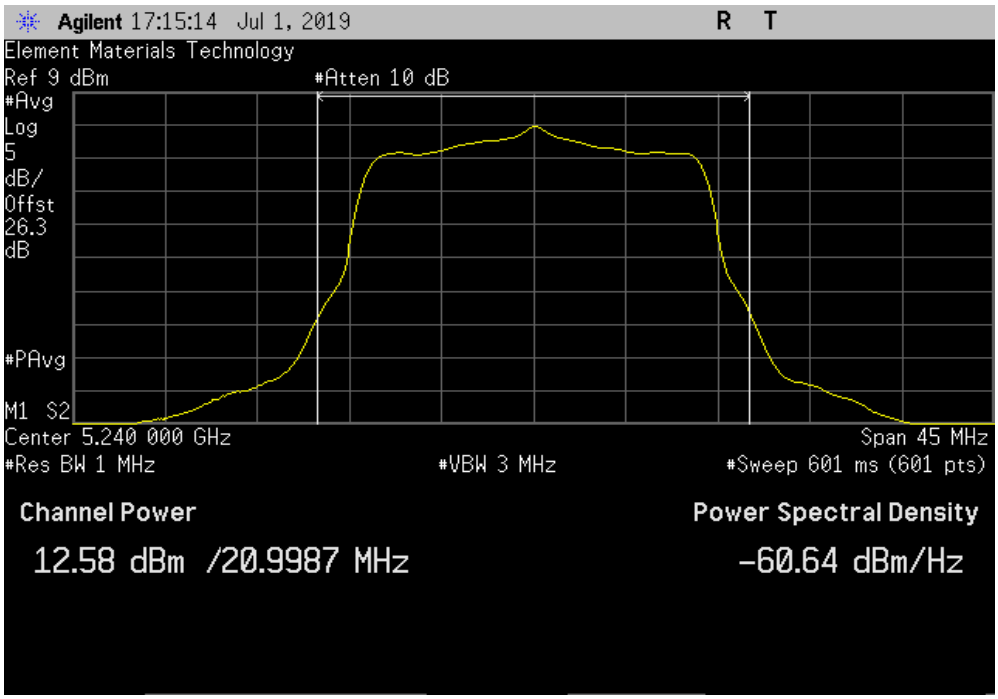


20 MHz, 802.11(a) 36 Mbps, Ch 40, Mid Channel 5200 MHz						
Avg Cond Pwr (dBm)	Duty Cycle Factor (dB)	Out Pwr (dBm)	Antenna Gain (dBi)	EIRP (dBm)	EIRP Limit (dBm)	Result
12.43	1.5	13.9	5	18.9	30	Pass

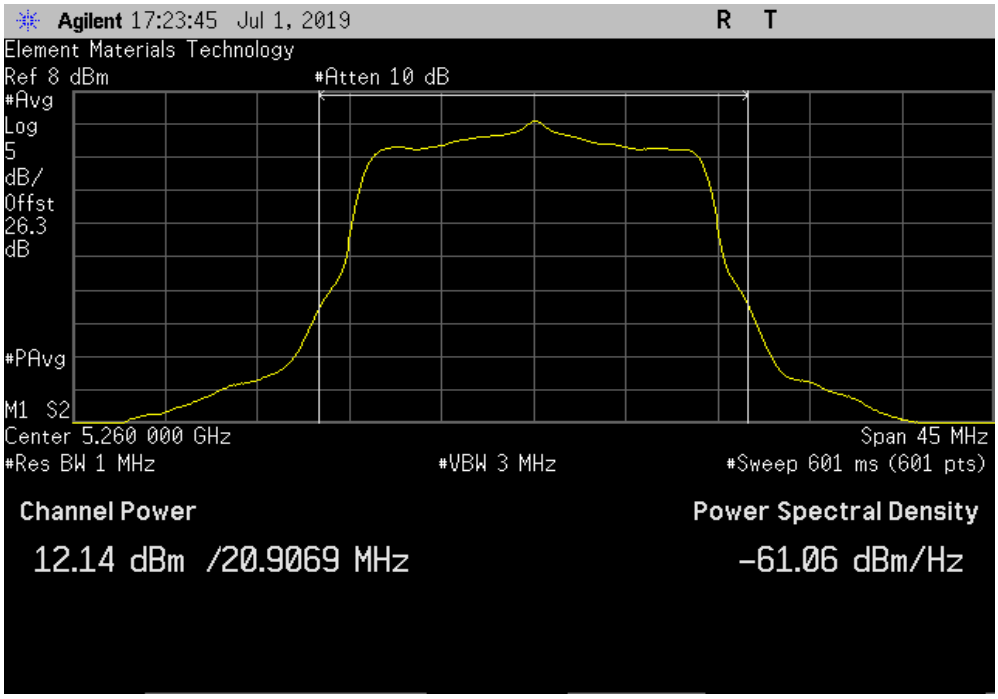


EQUIVALENT ISOTROPIC RADIATED POWER (EIRP)

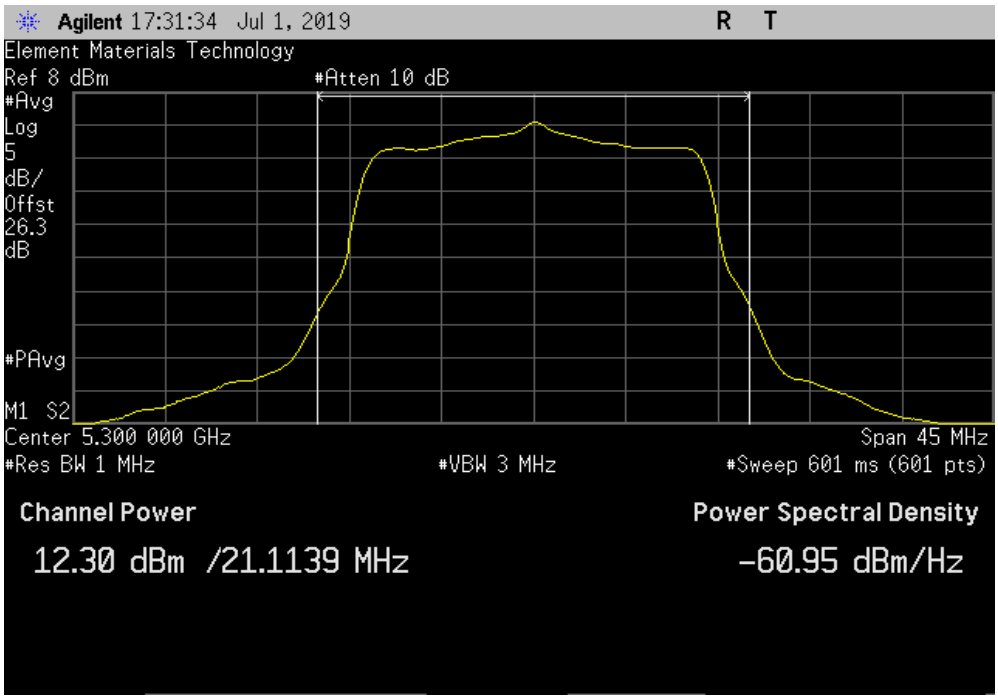
20 MHz, 802.11(a) 36 Mbps, Ch 48, High Channel 5240 MHz						
Avg Cond Pwr (dBm)	Duty Cycle Factor (dB)	Out Pwr (dBm)	Antenna Gain (dBi)	EIRP (dBm)	EIRP Limit (dBm)	Result
12.582	1.5	14	5	19	30	Pass



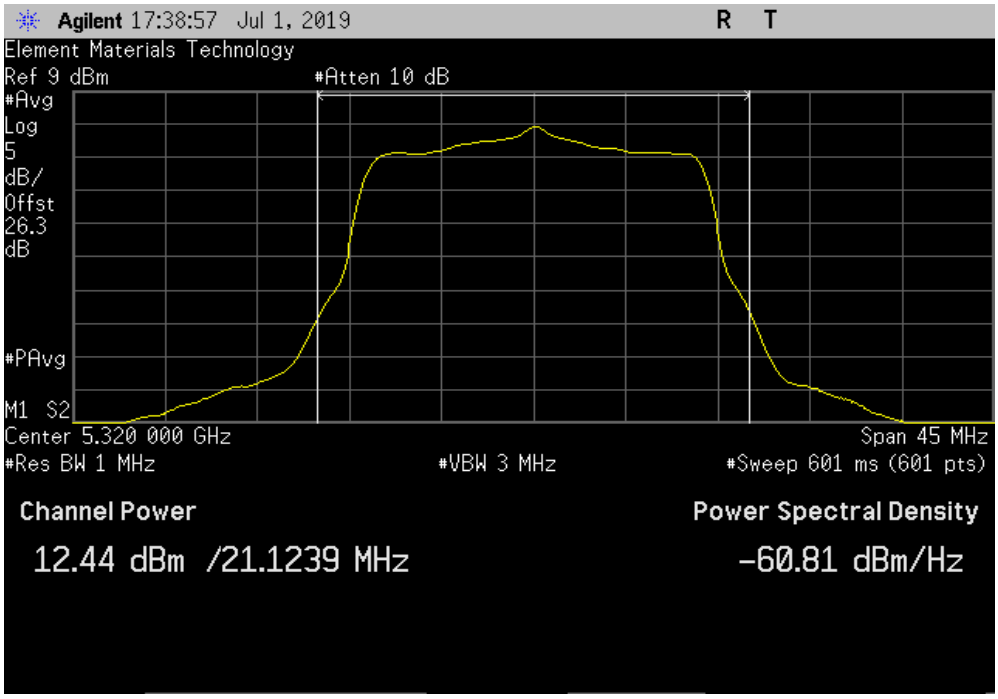
20 MHz, 802.11(a) 36 Mbps, Ch 52, Low Channel 5260 MHz						
Avg Cond Pwr (dBm)	Duty Cycle Factor (dB)	Out Pwr (dBm)	Antenna Gain (dBi)	EIRP (dBm)	EIRP Limit (dBm)	Result
12.141	1.5	13.6	5	18.6	30	Pass



20 MHz, 802.11(a) 36 Mbps, Ch 60, Mid Channel 5300 MHz						
Avg Cond Pwr (dBm)	Duty Cycle Factor (dB)	Out Pwr (dBm)	Antenna Gain (dBi)	EIRP (dBm)	EIRP Limit (dBm)	Result
12.3	1.5	13.8	5	18.8	30	Pass

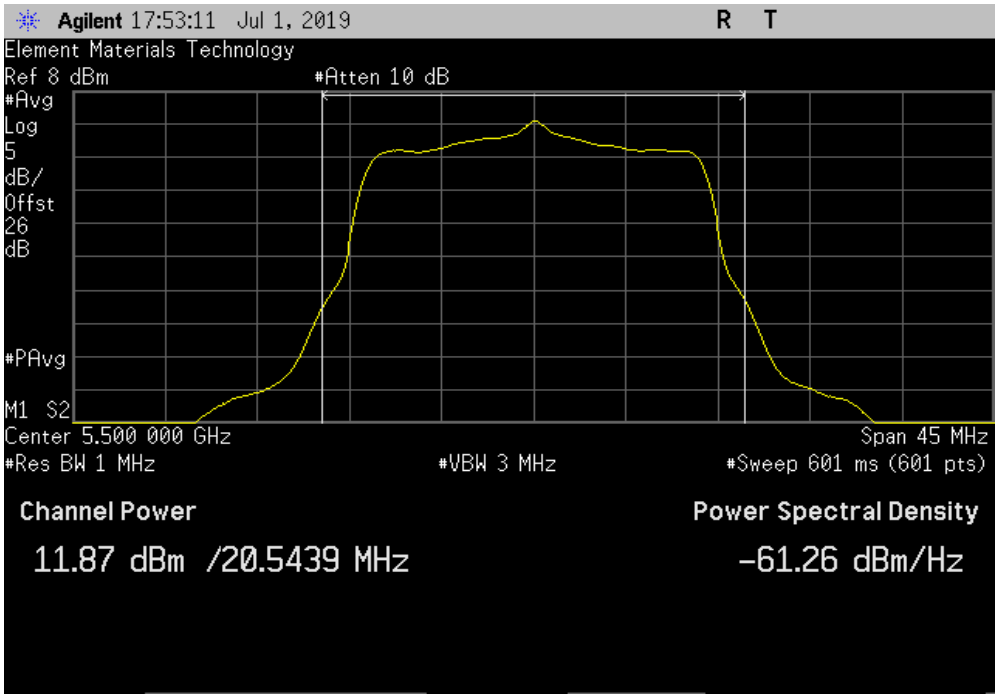


20 MHz, 802.11(a) 36 Mbps, Ch 64, High Channel 5320 MHz						
Avg Cond Pwr (dBm)	Duty Cycle Factor (dB)	Out Pwr (dBm)	Antenna Gain (dBi)	EIRP (dBm)	EIRP Limit (dBm)	Result
12.438	1.5	13.9	5	18.9	30	Pass

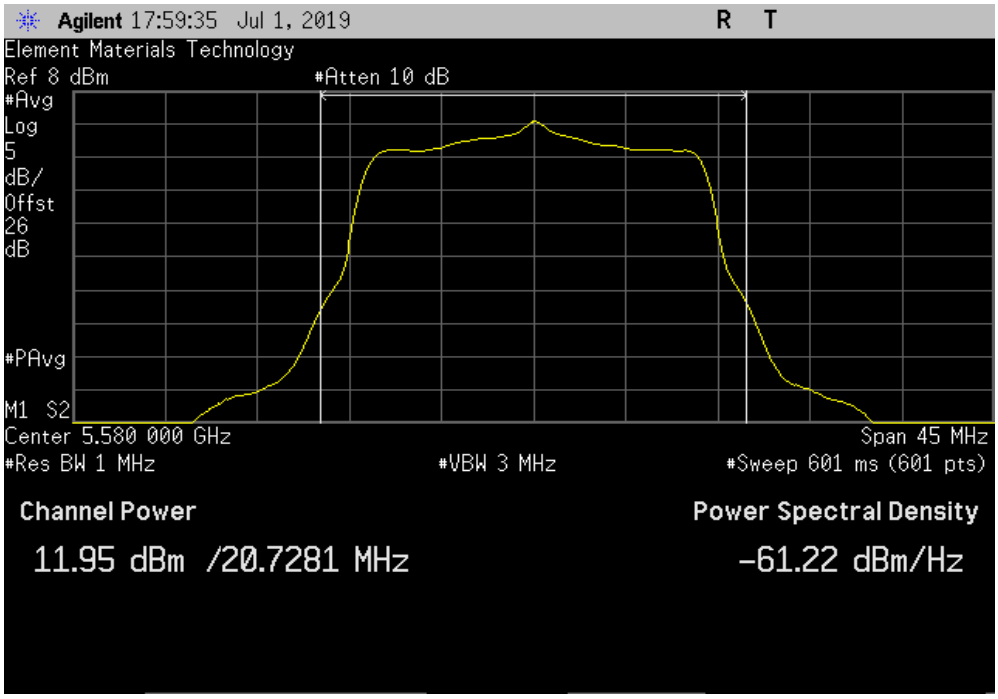


EQUIVALENT ISOTROPIC RADIATED POWER (EIRP)

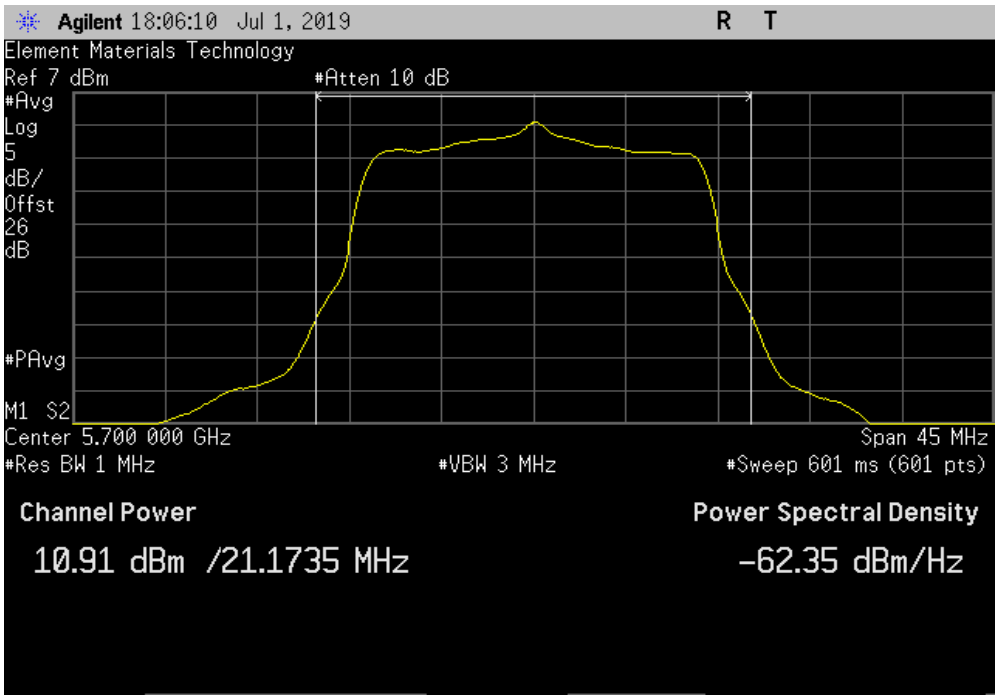
20 MHz, 802.11(a) 36 Mbps, Ch 100, Low Channel 5500 MHz						
Avg Cond Pwr (dBm)	Duty Cycle Factor (dB)	Out Pwr (dBm)	Antenna Gain (dBi)	EIRP (dBm)	EIRP Limit (dBm)	Result
11.867	1.5	13.3	6	19.3	30	Pass



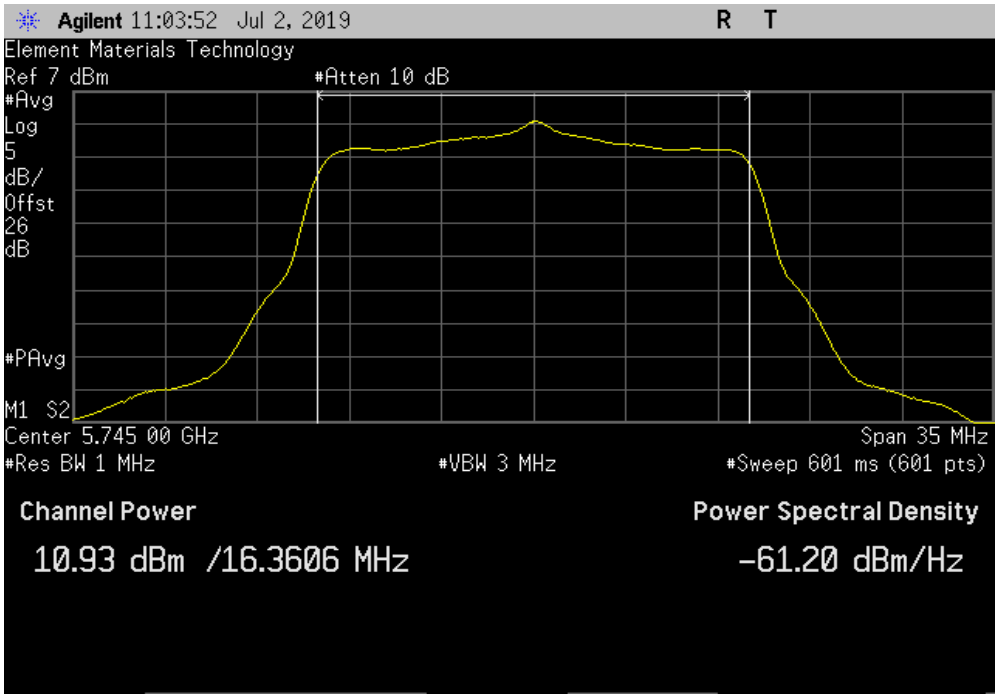
20 MHz, 802.11(a) 36 Mbps, Ch 116, Mid Channel 5580 MHz						
Avg Cond Pwr (dBm)	Duty Cycle Factor (dB)	Out Pwr (dBm)	Antenna Gain (dBi)	EIRP (dBm)	EIRP Limit (dBm)	Result
11.946	1.4	13.4	6	19.4	30	Pass



20 MHz, 802.11(a) 36 Mbps, Ch 140, High Channel 5700 MHz						
Avg Cond Pwr (dBm)	Duty Cycle Factor (dB)	Out Pwr (dBm)	Antenna Gain (dBi)	EIRP (dBm)	EIRP Limit (dBm)	Result
10.906	1.4	12.4	6	18.4	30	Pass

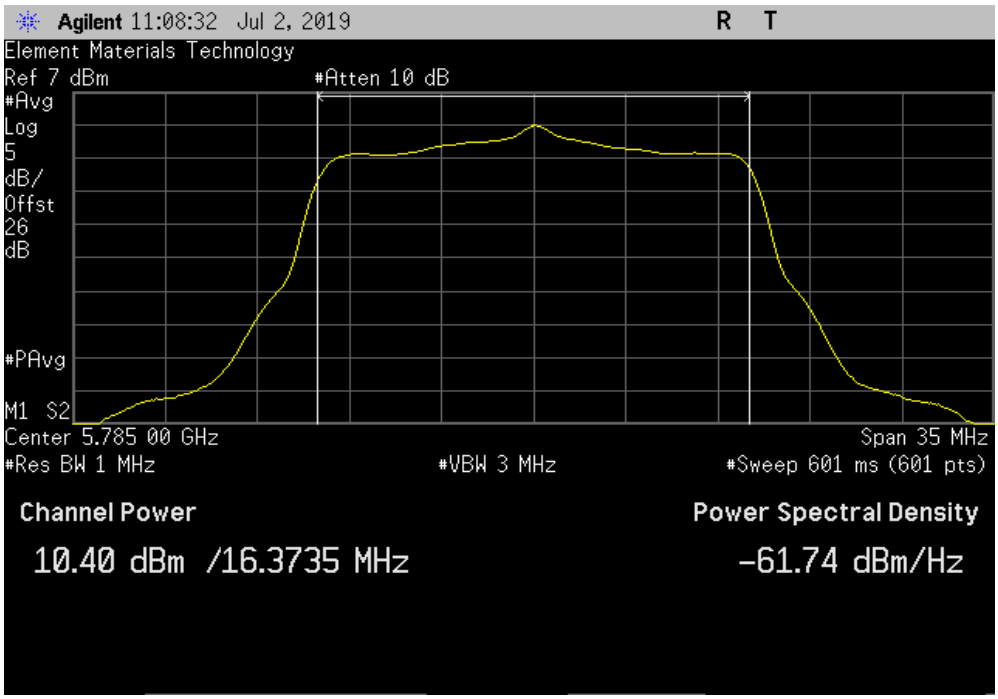


20 MHz, 802.11(a) 36 Mbps, Ch 149, Low Channel 5745 MHz						
Avg Cond Pwr (dBm)	Duty Cycle Factor (dB)	Out Pwr (dBm)	Antenna Gain (dBi)	EIRP (dBm)	EIRP Limit (dBm)	Result
10.935	1.4	12.4	6	18.4	36	Pass

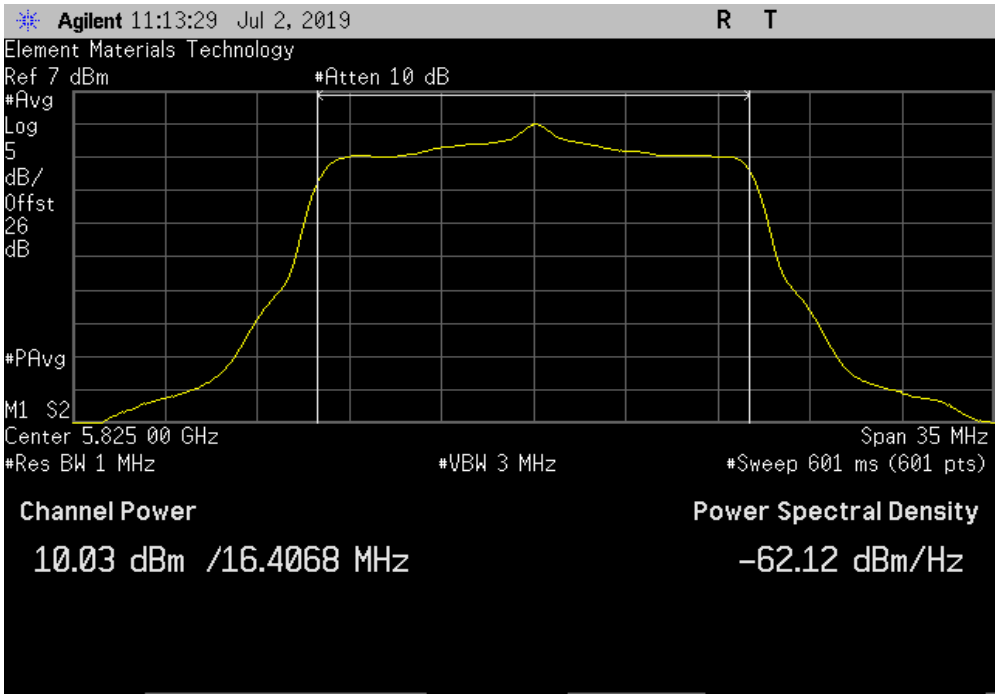


EQUIVALENT ISOTROPIC RADIATED POWER (EIRP)

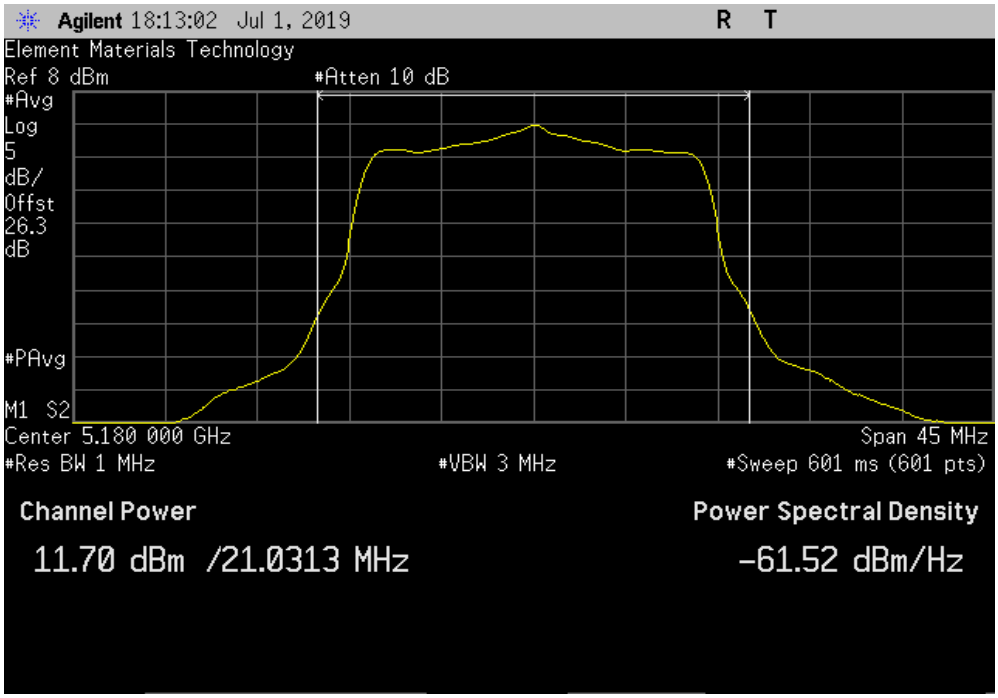
20 MHz, 802.11(a) 36 Mbps, Ch 157, Mid Channel 5785 MHz						
Avg Cond Pwr (dBm)	Duty Cycle Factor (dB)	Out Pwr (dBm)	Antenna Gain (dBi)	EIRP (dBm)	EIRP Limit (dBm)	Result
10.401	1.4	11.8	6	17.8	36	Pass



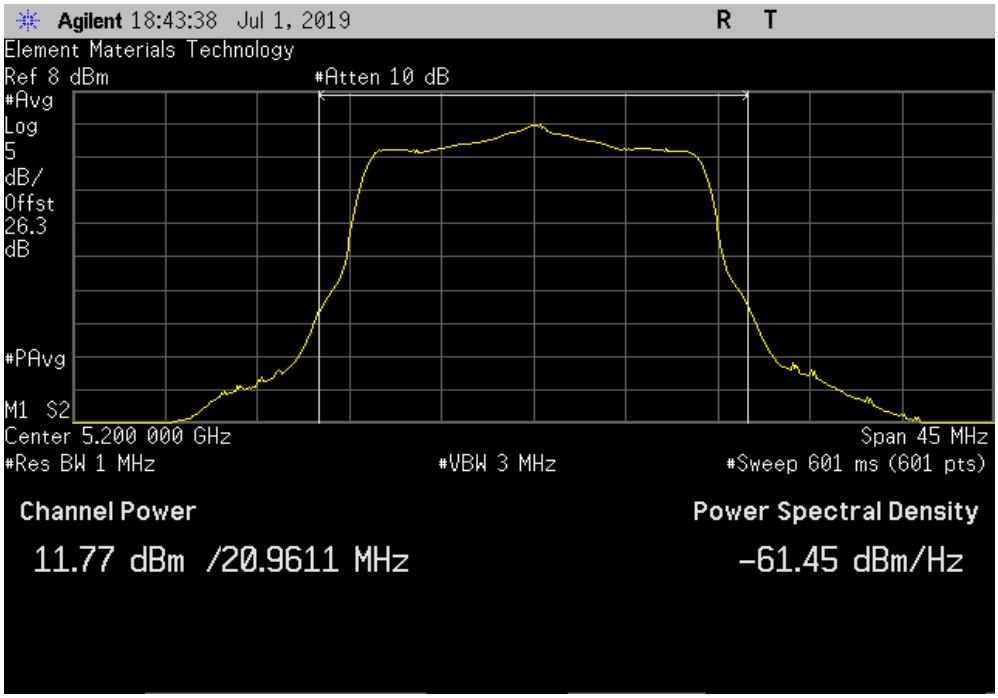
20 MHz, 802.11(a) 36 Mbps, Ch 165, High Channel 5825 MHz						
Avg Cond Pwr (dBm)	Duty Cycle Factor (dB)	Out Pwr (dBm)	Antenna Gain (dBi)	EIRP (dBm)	EIRP Limit (dBm)	Result
10.03	1.4	11.5	6	17.5	36	Pass



20 MHz, 802.11(a) 54 Mbps, Ch 36, Low Channel 5180 MHz						
Avg Cond Pwr (dBm)	Duty Cycle Factor (dB)	Out Pwr (dBm)	Antenna Gain (dBi)	EIRP (dBm)	EIRP Limit (dBm)	Result
11.704	1.9	13.6	5	18.6	30	Pass

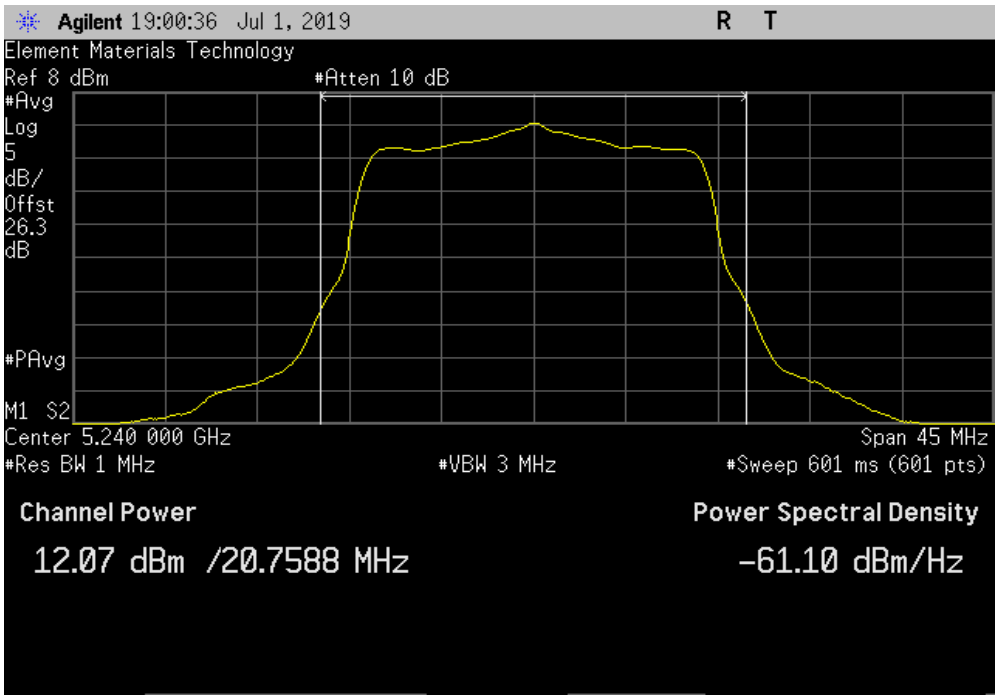


20 MHz, 802.11(a) 54 Mbps, Ch 40, Mid Channel 5200 MHz						
Avg Cond Pwr (dBm)	Duty Cycle Factor (dB)	Out Pwr (dBm)	Antenna Gain (dBi)	EIRP (dBm)	EIRP Limit (dBm)	Result
11.767	2	13.7	5	18.7	30	Pass

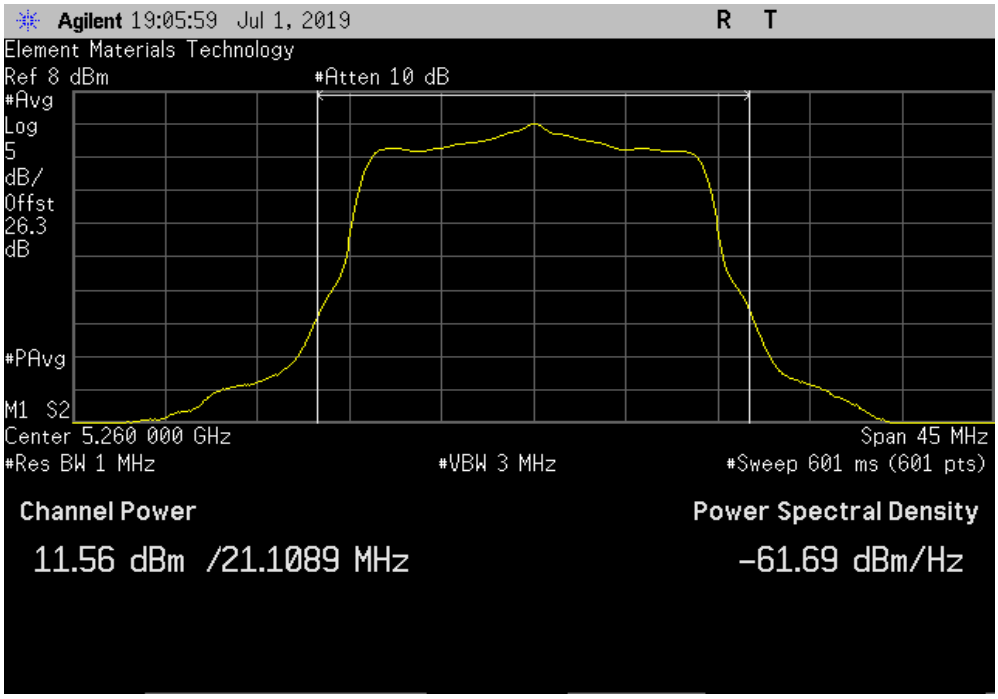


EQUIVALENT ISOTROPIC RADIATED POWER (EIRP)

20 MHz, 802.11(a) 54 Mbps, Ch 48, High Channel 5240 MHz						
Avg Cond Pwr (dBm)	Duty Cycle Factor (dB)	Out Pwr (dBm)	Antenna Gain (dBi)	EIRP (dBm)	EIRP Limit (dBm)	Result
12.072	1.9	14	5	19	30	Pass

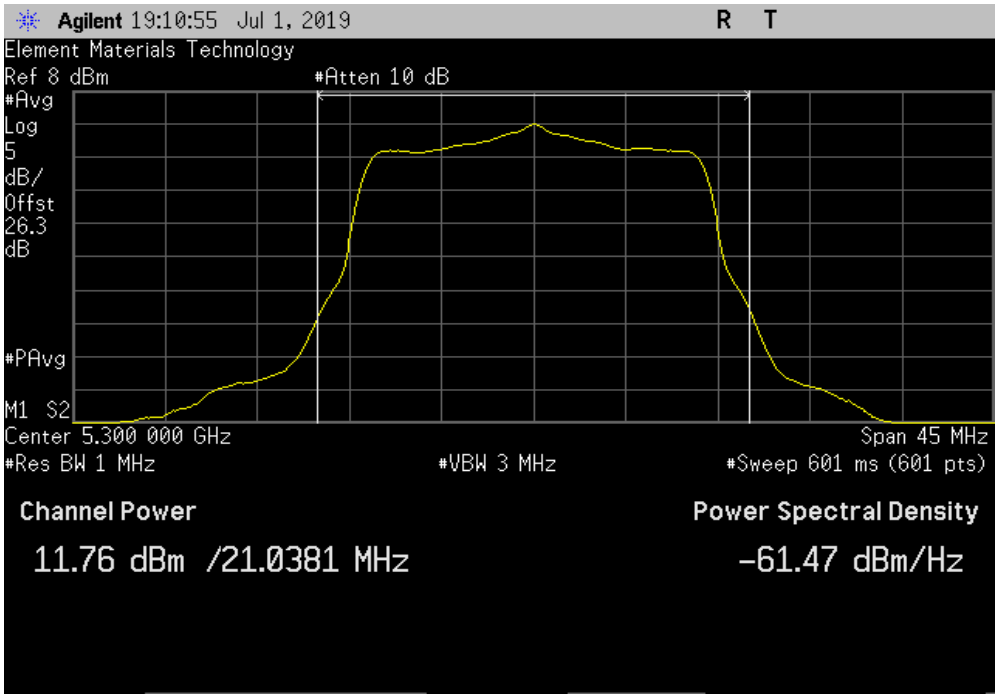


20 MHz, 802.11(a) 54 Mbps, Ch 52, Low Channel 5260 MHz						
Avg Cond Pwr (dBm)	Duty Cycle Factor (dB)	Out Pwr (dBm)	Antenna Gain (dBi)	EIRP (dBm)	EIRP Limit (dBm)	Result
11.557	2	13.5	5	18.5	30	Pass

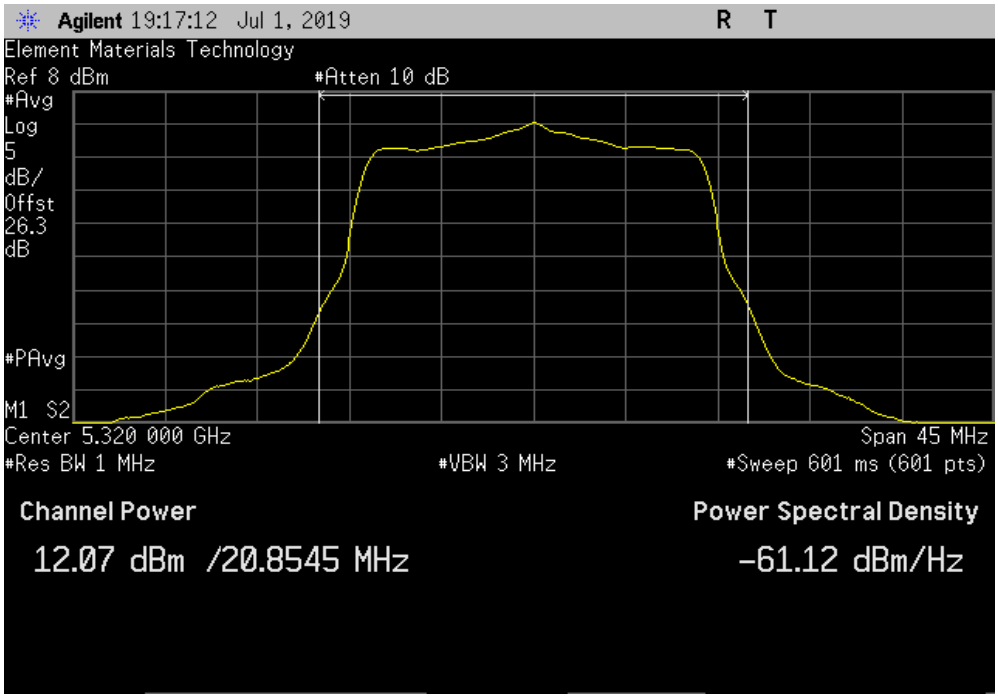


EQUIVALENT ISOTROPIC RADIATED POWER (EIRP)

20 MHz, 802.11(a) 54 Mbps, Ch 60, Mid Channel 5300 MHz						
Avg Cond Pwr (dBm)	Duty Cycle Factor (dB)	Out Pwr (dBm)	Antenna Gain (dBi)	EIRP (dBm)	EIRP Limit (dBm)	Result
11.762	1.9	13.7	5	18.7	30	Pass

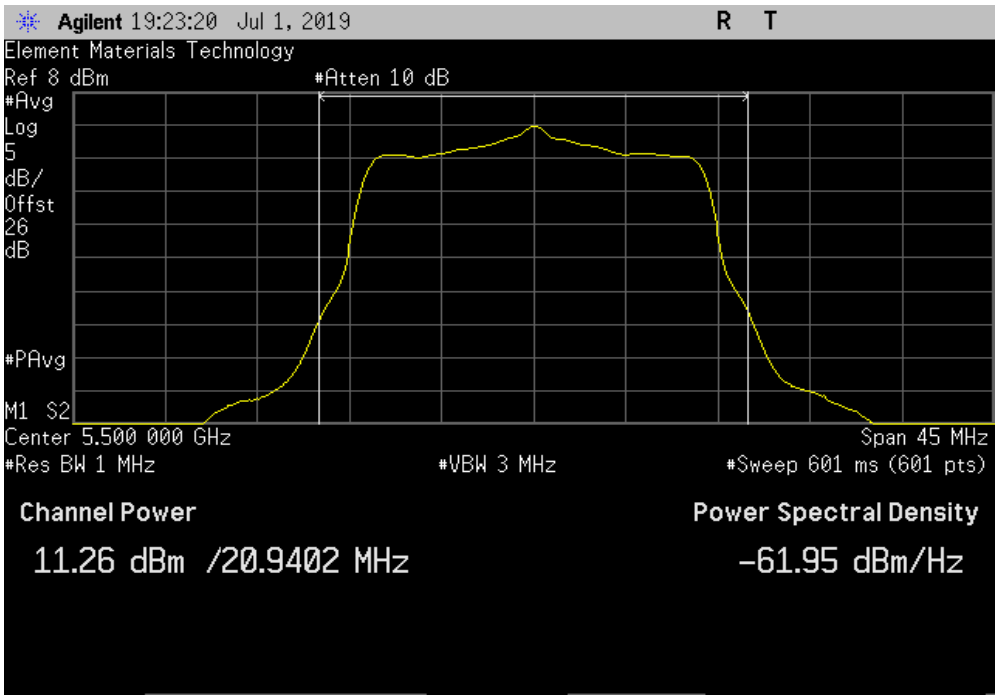


20 MHz, 802.11(a) 54 Mbps, Ch 64, High Channel 5320 MHz						
Avg Cond Pwr (dBm)	Duty Cycle Factor (dB)	Out Pwr (dBm)	Antenna Gain (dBi)	EIRP (dBm)	EIRP Limit (dBm)	Result
12.07	1.9	14	5	19	30	Pass

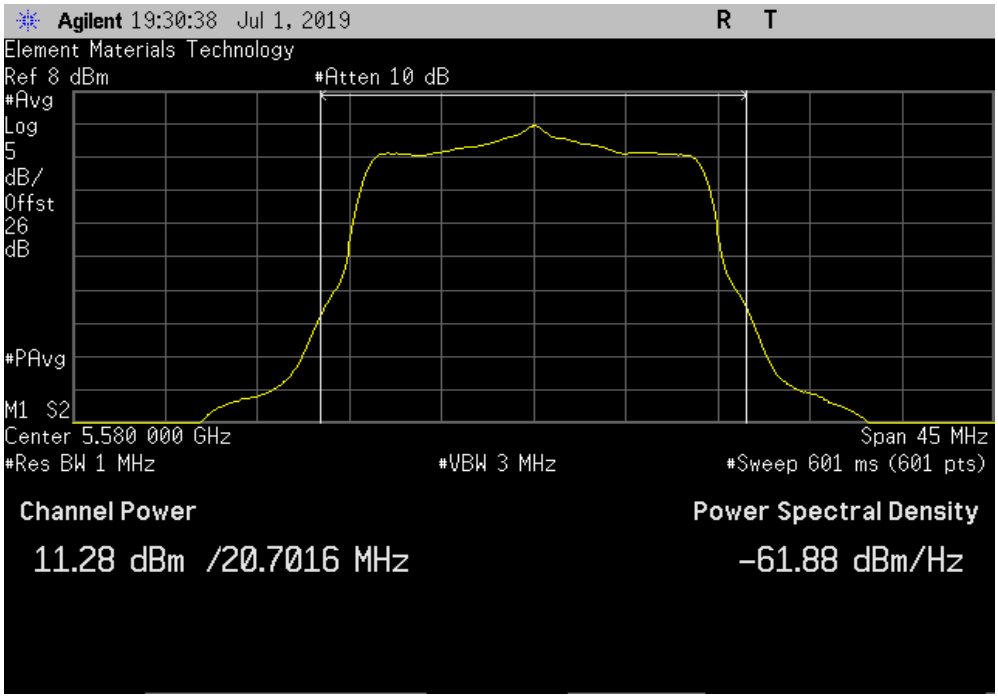


EQUIVALENT ISOTROPIC RADIATED POWER (EIRP)

20 MHz, 802.11(a) 54 Mbps, Ch 100, Low Channel 5500 MHz						
Avg Cond Pwr (dBm)	Duty Cycle Factor (dB)	Out Pwr (dBm)	Antenna Gain (dBi)	EIRP (dBm)	EIRP Limit (dBm)	Result
11.263	1.9	13.2	6	19.2	30	Pass

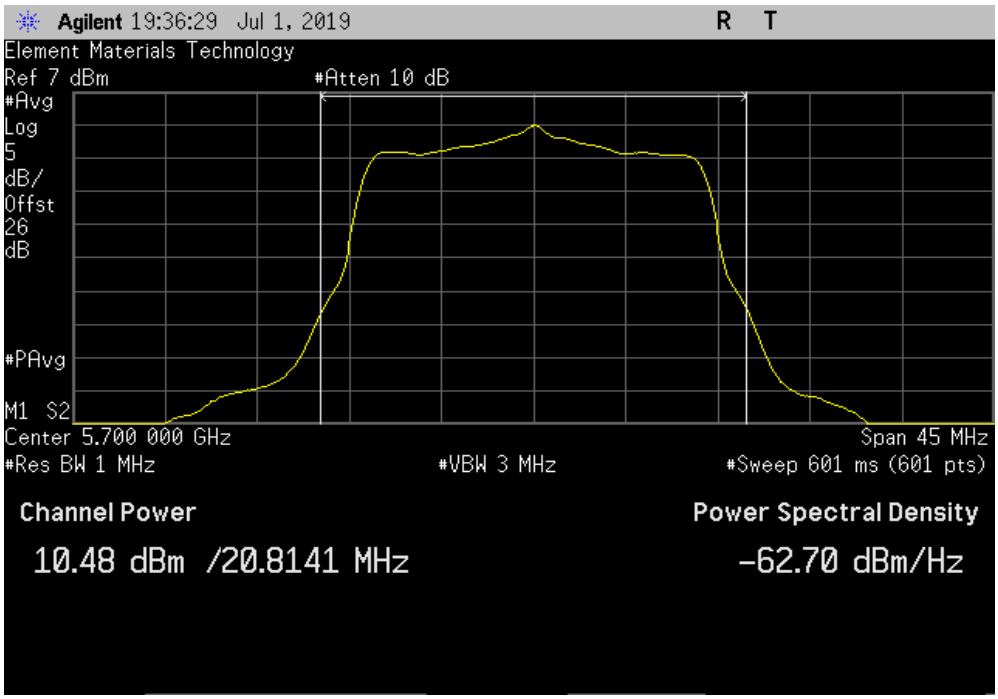


20 MHz, 802.11(a) 54 Mbps, Ch 116, Mid Channel 5580 MHz						
Avg Cond Pwr (dBm)	Duty Cycle Factor (dB)	Out Pwr (dBm)	Antenna Gain (dBi)	EIRP (dBm)	EIRP Limit (dBm)	Result
11.276	1.9	13.2	6	19.2	30	Pass

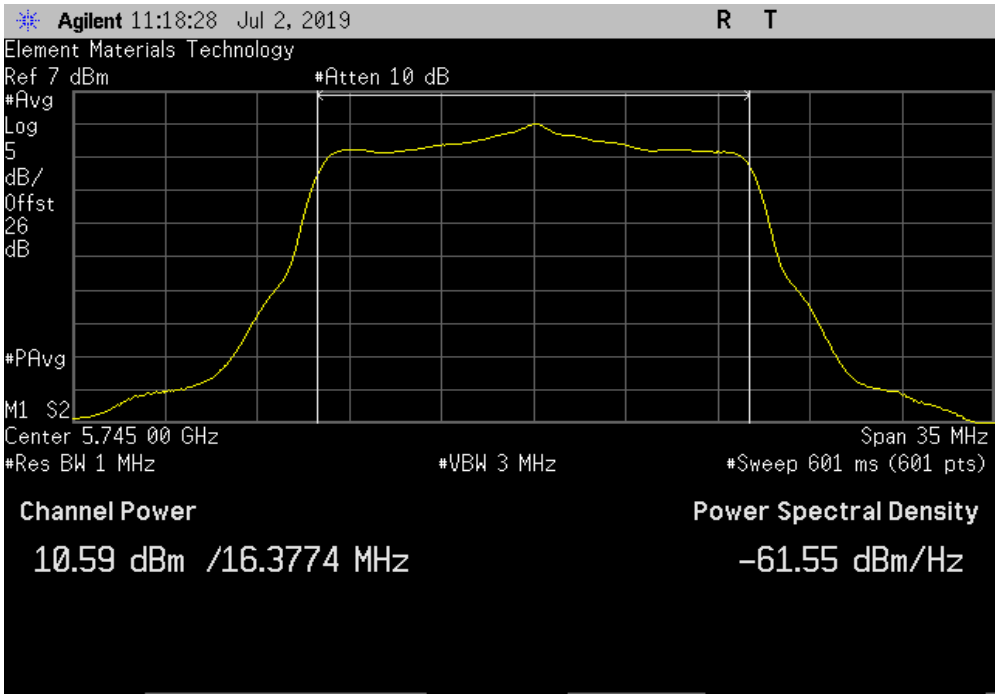


EQUIVALENT ISOTROPIC RADIATED POWER (EIRP)

20 MHz, 802.11(a) 54 Mbps, Ch 140, High Channel 5700 MHz						
Avg Cond Pwr (dBm)	Duty Cycle Factor (dB)	Out Pwr (dBm)	Antenna Gain (dBi)	EIRP (dBm)	EIRP Limit (dBm)	Result
10.484	1.9	12.4	6	18.4	30	Pass

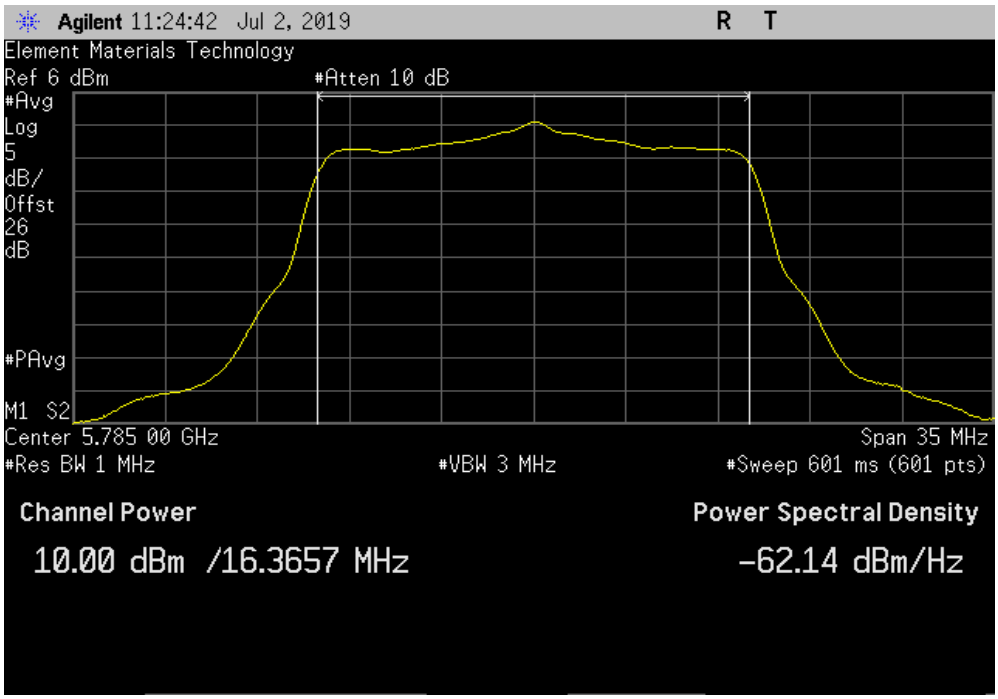


20 MHz, 802.11(a) 54 Mbps, Ch 149, Low Channel 5745 MHz						
Avg Cond Pwr (dBm)	Duty Cycle Factor (dB)	Out Pwr (dBm)	Antenna Gain (dBi)	EIRP (dBm)	EIRP Limit (dBm)	Result
10.594	1.9	12.5	6	18.5	36	Pass

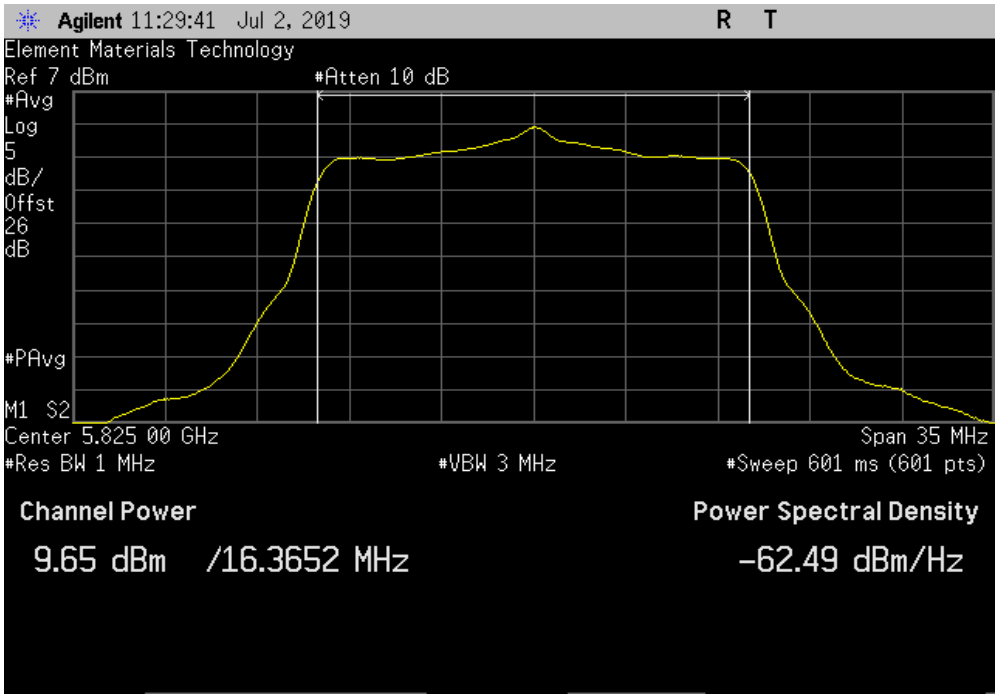


EQUIVALENT ISOTROPIC RADIATED POWER (EIRP)

20 MHz, 802.11(a) 54 Mbps, Ch 157, Mid Channel 5785 MHz						
Avg Cond Pwr (dBm)	Duty Cycle Factor (dB)	Out Pwr (dBm)	Antenna Gain (dBi)	EIRP (dBm)	EIRP Limit (dBm)	Result
10.004	1.9	11.9	6	17.9	36	Pass

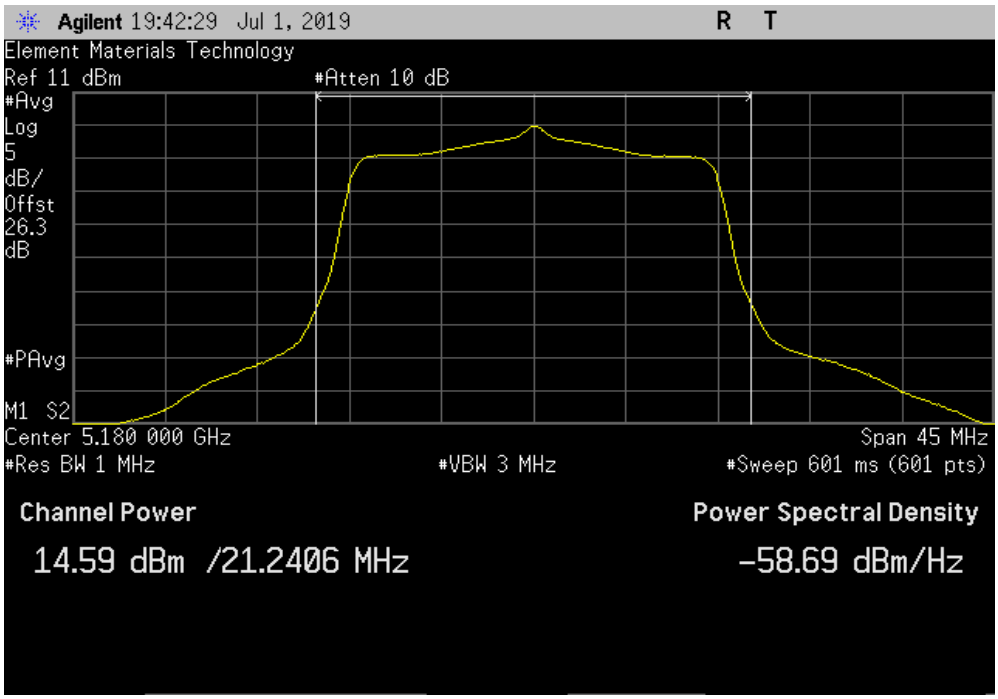


20 MHz, 802.11(a) 54 Mbps, Ch 165, High Channel 5825 MHz						
Avg Cond Pwr (dBm)	Duty Cycle Factor (dB)	Out Pwr (dBm)	Antenna Gain (dBi)	EIRP (dBm)	EIRP Limit (dBm)	Result
9.648	2	11.6	6	17.6	36	Pass

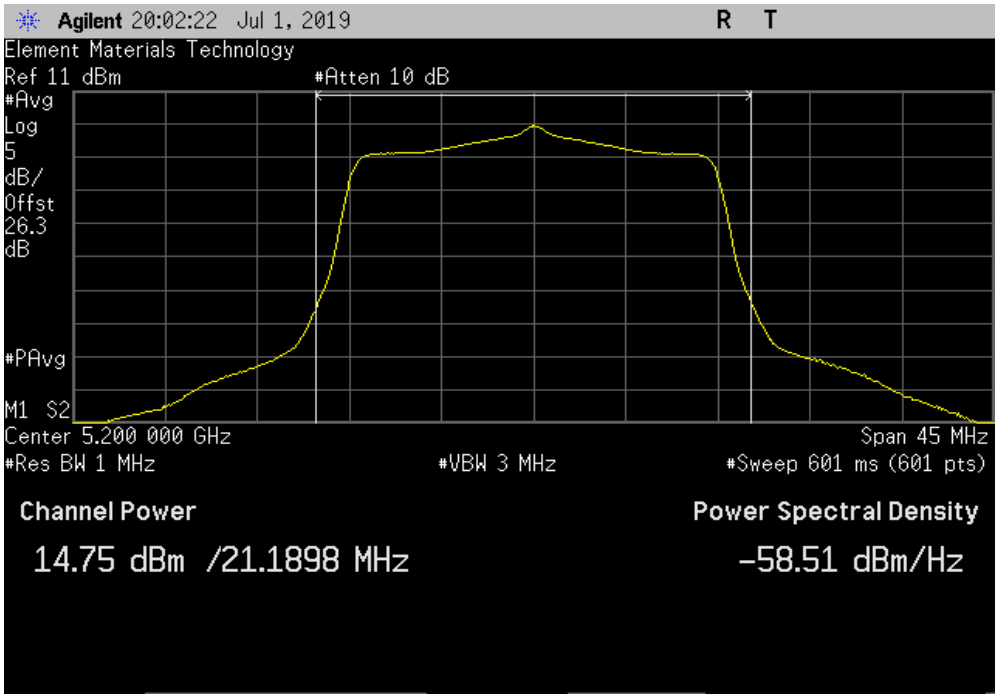


EQUIVALENT ISOTROPIC RADIATED POWER (EIRP)

20 MHz, 802.11(n) MCS0, Ch 36, Low Channel 5180 MHz						
Avg Cond Pwr (dBm)	Duty Cycle Factor (dB)	Out Pwr (dBm)	Antenna Gain (dBi)	EIRP (dBm)	EIRP Limit (dBm)	Result
14.586	0.3	14.9	5	19.9	30	Pass

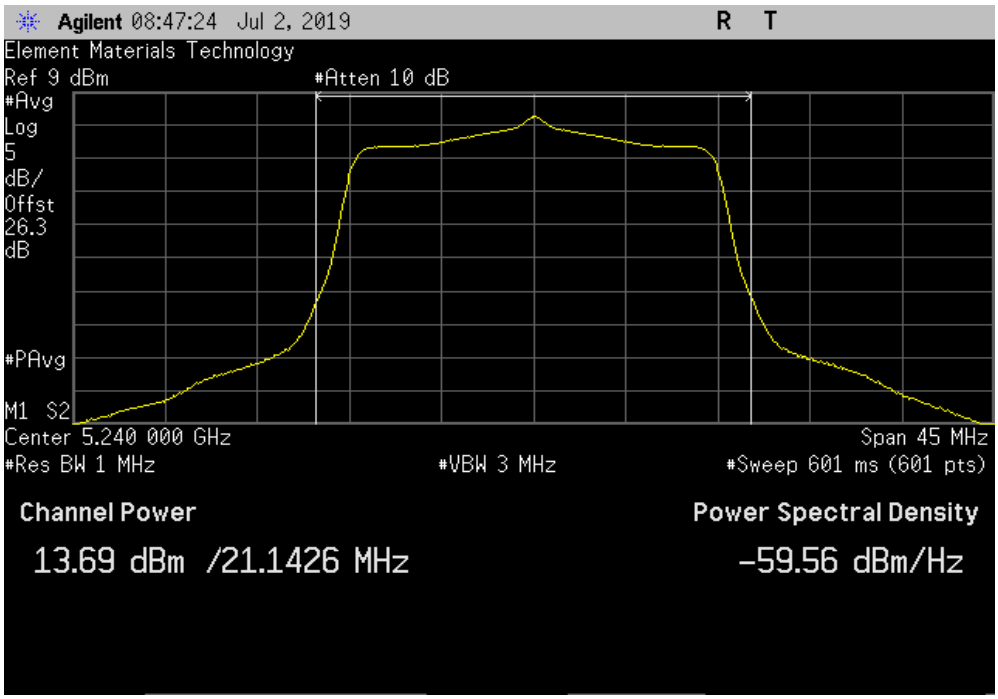


20 MHz, 802.11(n) MCS0, Ch 40, Mid Channel 5200 MHz						
Avg Cond Pwr (dBm)	Duty Cycle Factor (dB)	Out Pwr (dBm)	Antenna Gain (dBi)	EIRP (dBm)	EIRP Limit (dBm)	Result
14.747	0.3	15.1	5	20.1	30	Pass

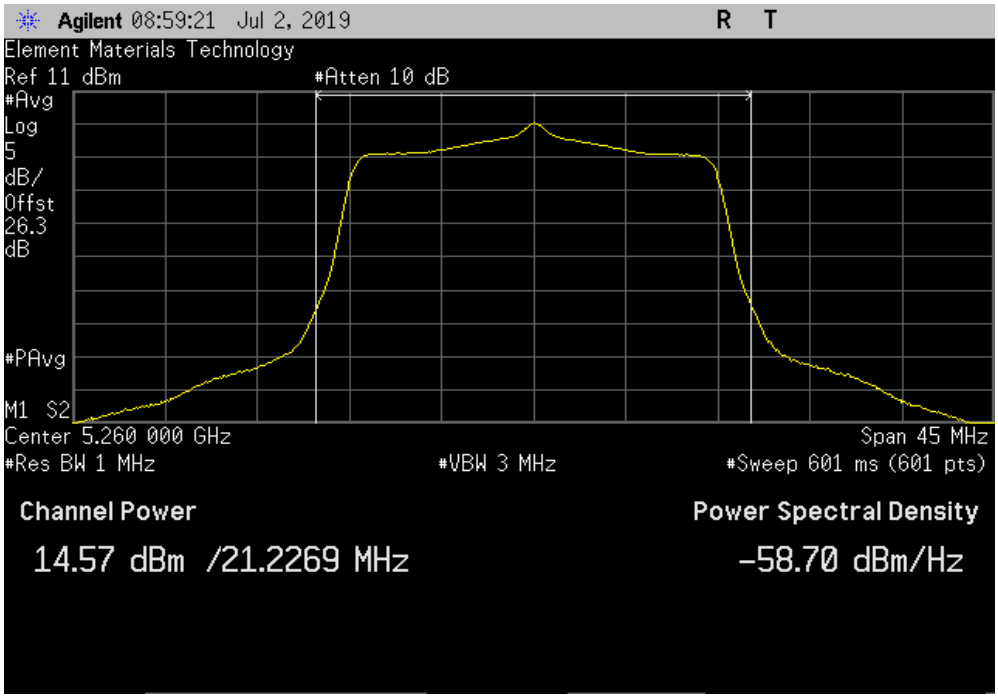


EQUIVALENT ISOTROPIC RADIATED POWER (EIRP)

20 MHz, 802.11(n) MCS0, Ch 48, High Channel 5240 MHz						
Avg Cond Pwr (dBm)	Duty Cycle Factor (dB)	Out Pwr (dBm)	Antenna Gain (dBi)	EIRP (dBm)	EIRP Limit (dBm)	Result
13.695	0.3	14	5	19	30	Pass

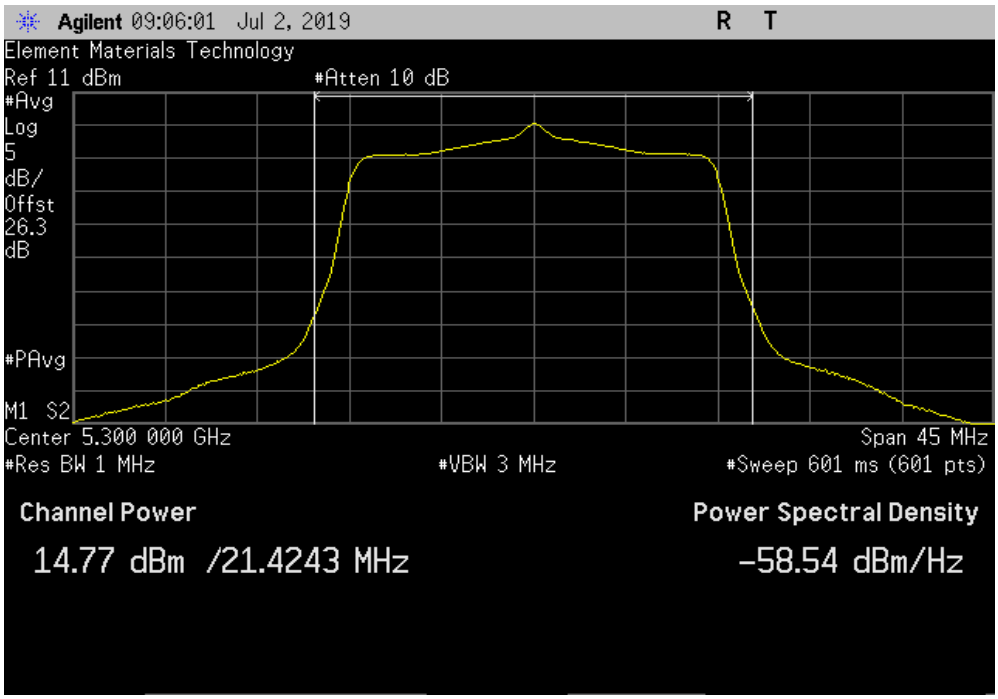


20 MHz, 802.11(n) MCS0, Ch 52, Low Channel 5260 MHz						
Avg Cond Pwr (dBm)	Duty Cycle Factor (dB)	Out Pwr (dBm)	Antenna Gain (dBi)	EIRP (dBm)	EIRP Limit (dBm)	Result
14.571	0.3	14.9	5	19.9	30	Pass

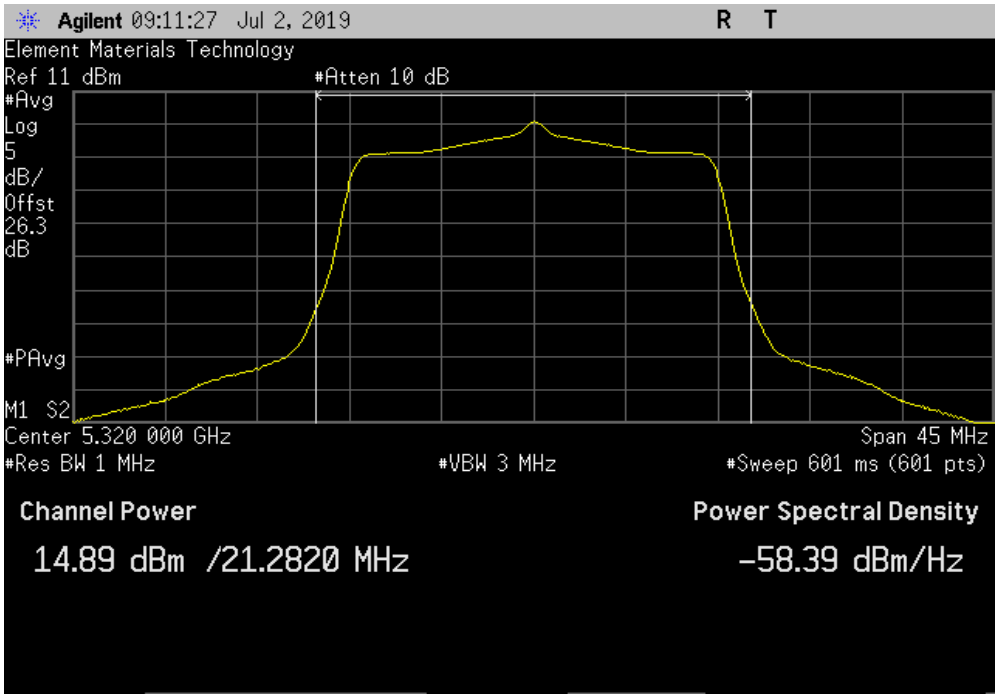


EQUIVALENT ISOTROPIC RADIATED POWER (EIRP)

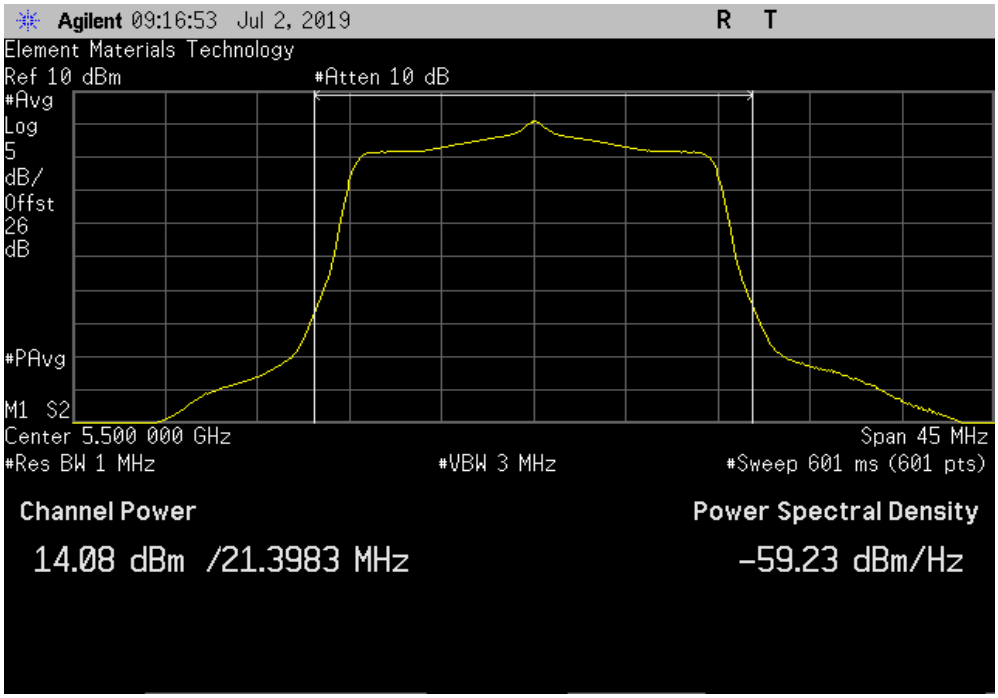
20 MHz, 802.11(n) MCS0, Ch 60, Mid Channel 5300 MHz						
Avg Cond Pwr (dBm)	Duty Cycle Factor (dB)	Out Pwr (dBm)	Antenna Gain (dBi)	EIRP (dBm)	EIRP Limit (dBm)	Result
14.766	0.3	15.1	5	20.1	30	Pass



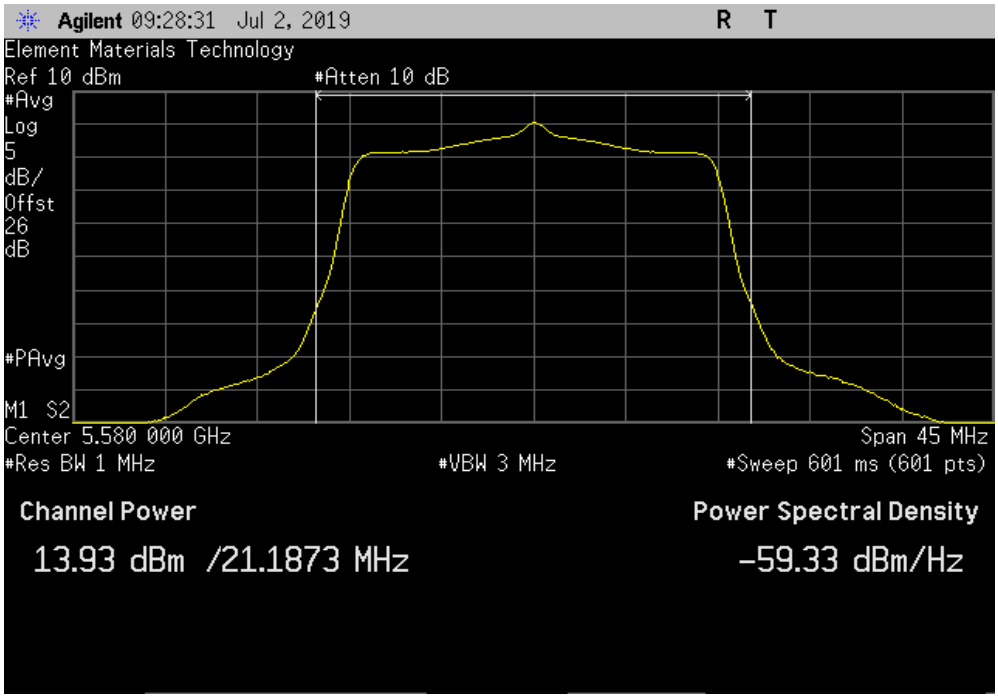
20 MHz, 802.11(n) MCS0, Ch 64, High Channel 5320 MHz						
Avg Cond Pwr (dBm)	Duty Cycle Factor (dB)	Out Pwr (dBm)	Antenna Gain (dBi)	EIRP (dBm)	EIRP Limit (dBm)	Result
14.886	0.3	15.2	5	20.2	30	Pass



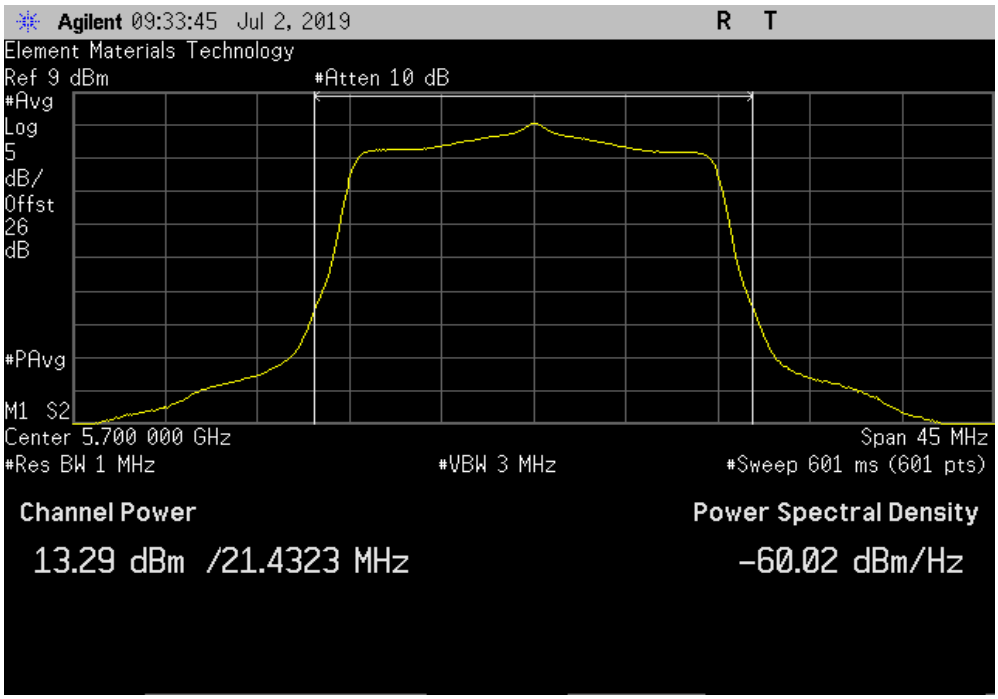
20 MHz, 802.11(n) MCS0, Ch 100, Low Channel 5500 MHz						
Avg Cond Pwr (dBm)	Duty Cycle Factor (dB)	Out Pwr (dBm)	Antenna Gain (dBi)	EIRP (dBm)	EIRP Limit (dBm)	Result
14.077	0.3	14.4	6	20.4	30	Pass



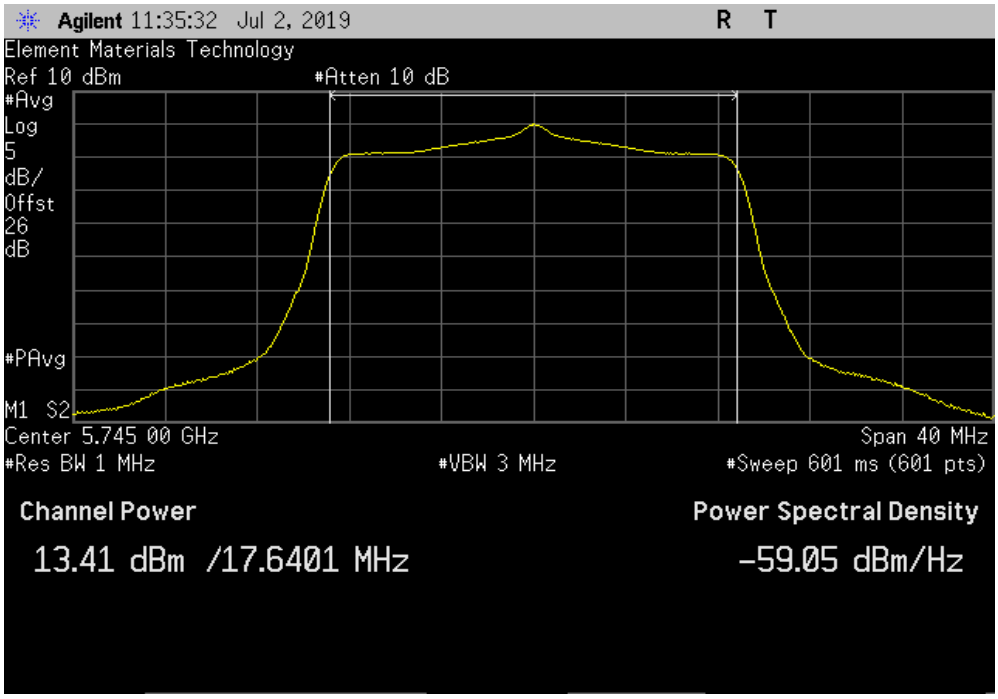
20 MHz, 802.11(n) MCS0, Ch 116, Mid Channel 5580 MHz						
Avg Cond Pwr (dBm)	Duty Cycle Factor (dB)	Out Pwr (dBm)	Antenna Gain (dBi)	EIRP (dBm)	EIRP Limit (dBm)	Result
13.928	0.3	14.2	6	20.2	30	Pass



20 MHz, 802.11(n) MCS0, Ch 140, High Channel 5700 MHz						
Avg Cond Pwr (dBm)	Duty Cycle Factor (dB)	Out Pwr (dBm)	Antenna Gain (dBi)	EIRP (dBm)	EIRP Limit (dBm)	Result
13.291	0.3	13.6	6	19.6	30	Pass

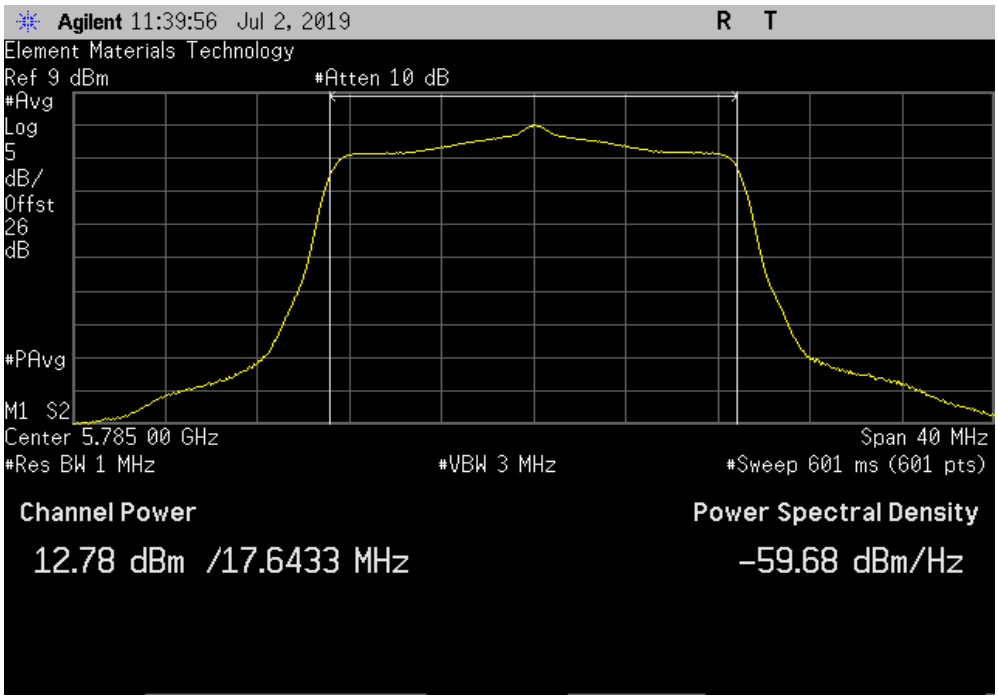


20 MHz, 802.11(n) MCS0, Ch 149, Low Channel 5745 MHz						
Avg Cond Pwr (dBm)	Duty Cycle Factor (dB)	Out Pwr (dBm)	Antenna Gain (dBi)	EIRP (dBm)	EIRP Limit (dBm)	Result
13.412	0.3	13.7	6	19.7	36	Pass

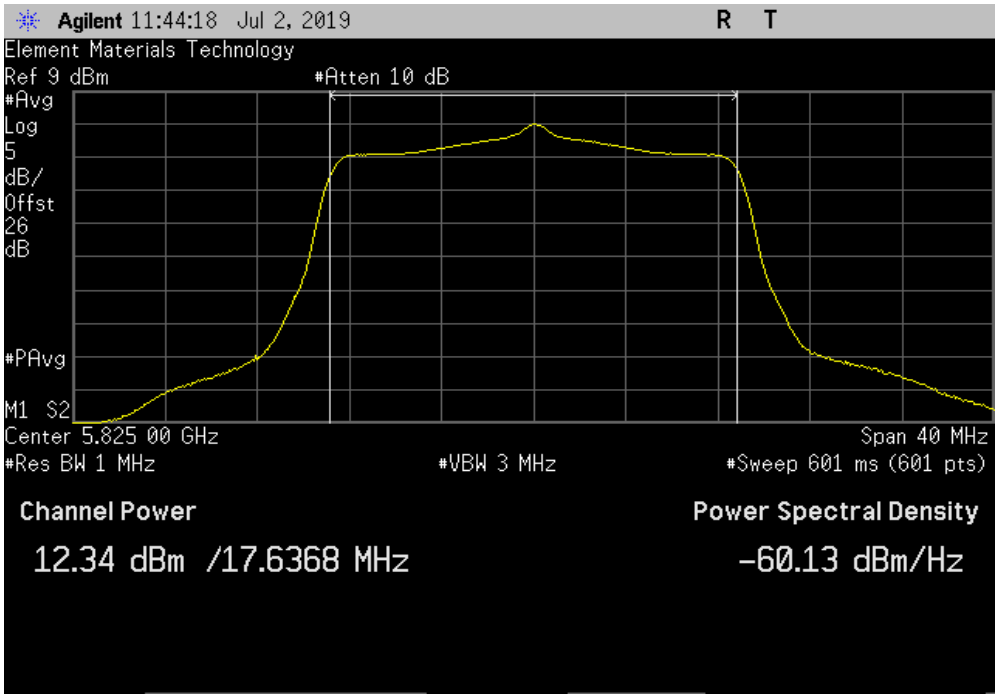


EQUIVALENT ISOTROPIC RADIATED POWER (EIRP)

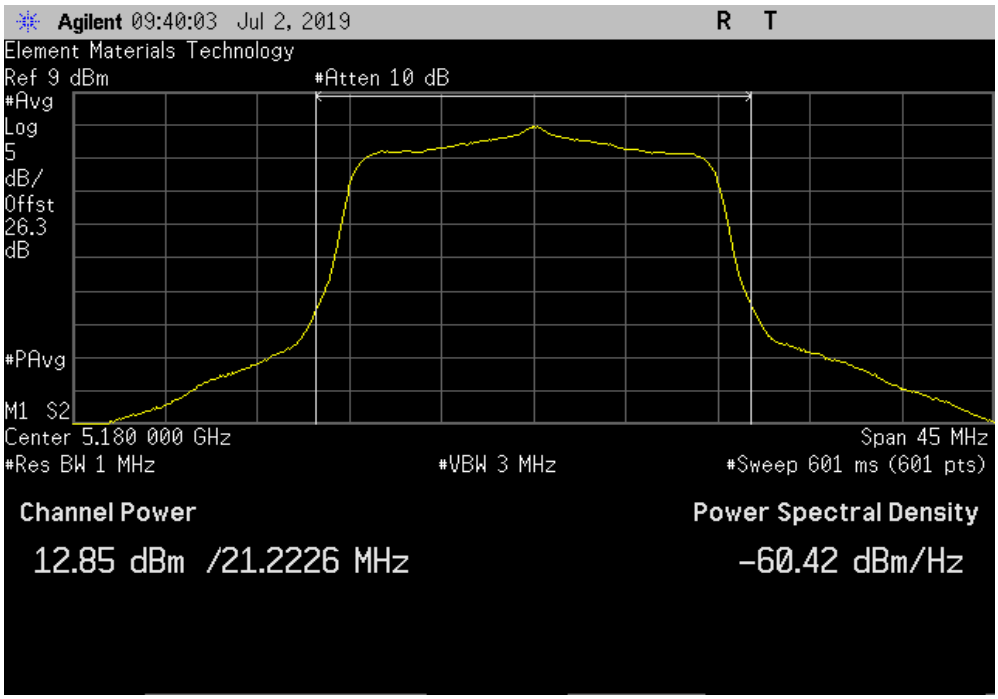
20 MHz, 802.11(n) MCS0, Ch 157, Mid Channel 5785 MHz						
Avg Cond Pwr (dBm)	Duty Cycle Factor (dB)	Out Pwr (dBm)	Antenna Gain (dBi)	EIRP (dBm)	EIRP Limit (dBm)	Result
12.781	0.3	13.1	6	19.1	36	Pass



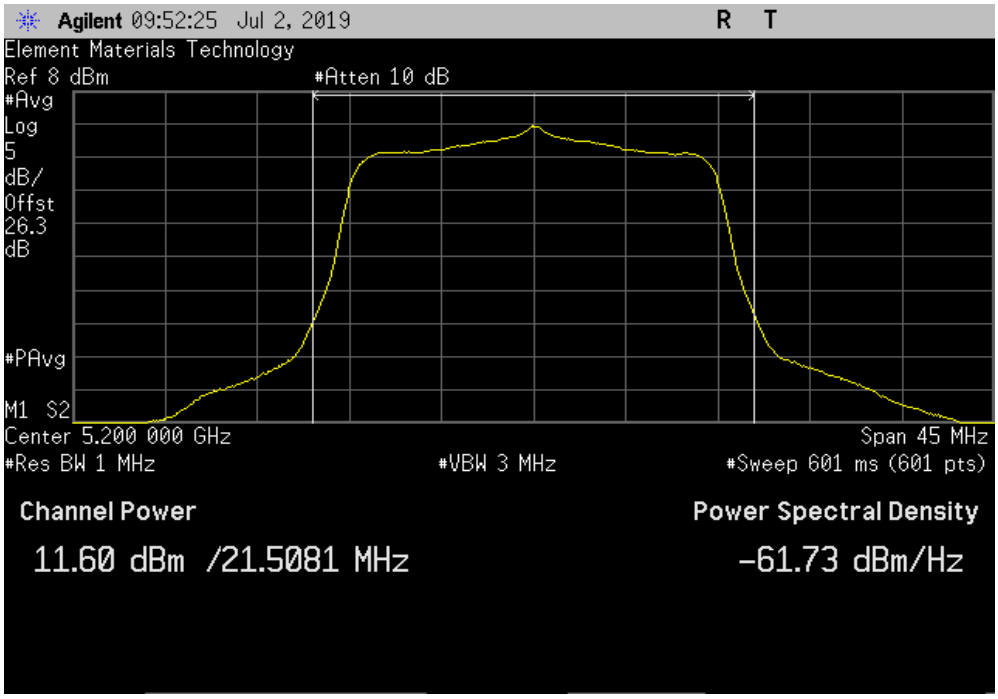
20 MHz, 802.11(n) MCS0, Ch 165, High Channel 5825 MHz						
Avg Cond Pwr (dBm)	Duty Cycle Factor (dB)	Out Pwr (dBm)	Antenna Gain (dBi)	EIRP (dBm)	EIRP Limit (dBm)	Result
12.337	0.3	12.7	6	18.7	36	Pass



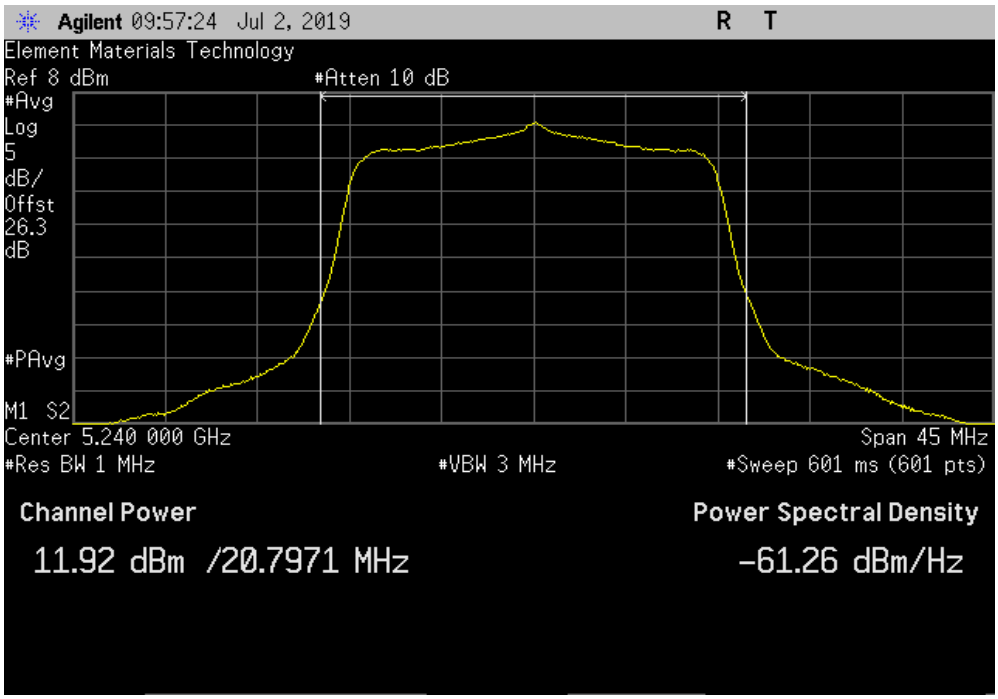
20 MHz, 802.11(n) MCS7, Ch 36, Low Channel 5180 MHz						
Avg Cond Pwr (dBm)	Duty Cycle Factor (dB)	Out Pwr (dBm)	Antenna Gain (dBi)	EIRP (dBm)	EIRP Limit (dBm)	Result
12.849	2.1	14.9	5	19.9	30	Pass



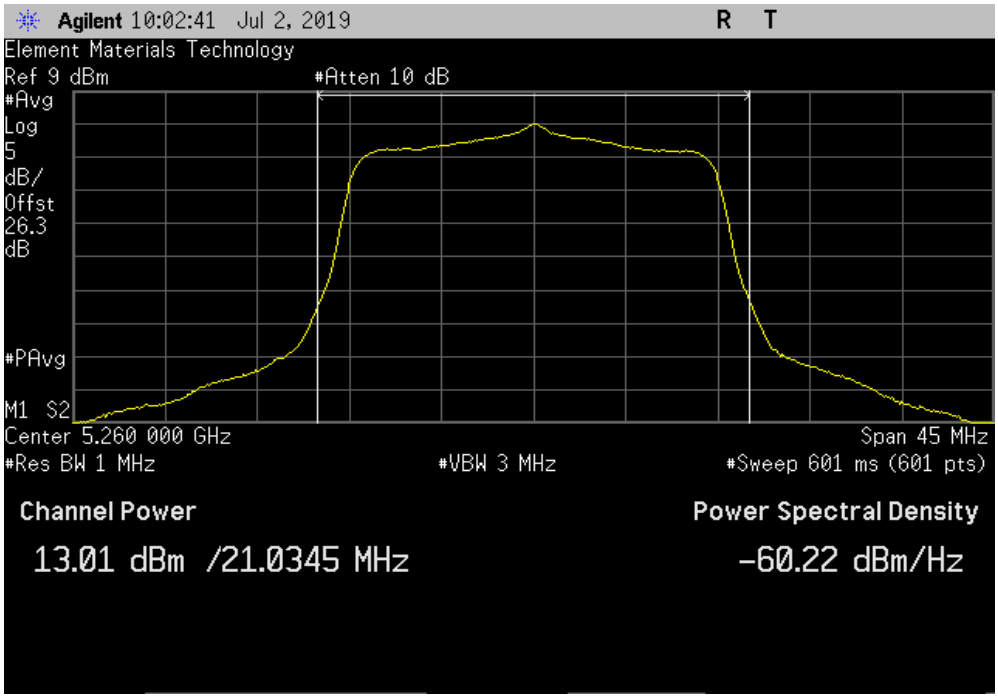
20 MHz, 802.11(n) MCS7, Ch 40, Mid Channel 5200 MHz						
Avg Cond Pwr (dBm)	Duty Cycle Factor (dB)	Out Pwr (dBm)	Antenna Gain (dBi)	EIRP (dBm)	EIRP Limit (dBm)	Result
11.597	2.1	13.7	5	18.7	30	Pass



20 MHz, 802.11(n) MCS7, Ch 48, High Channel 5240 MHz						
Avg Cond Pwr (dBm)	Duty Cycle Factor (dB)	Out Pwr (dBm)	Antenna Gain (dBi)	EIRP (dBm)	EIRP Limit (dBm)	Result
11.925	2.1	14	5	19	30	Pass

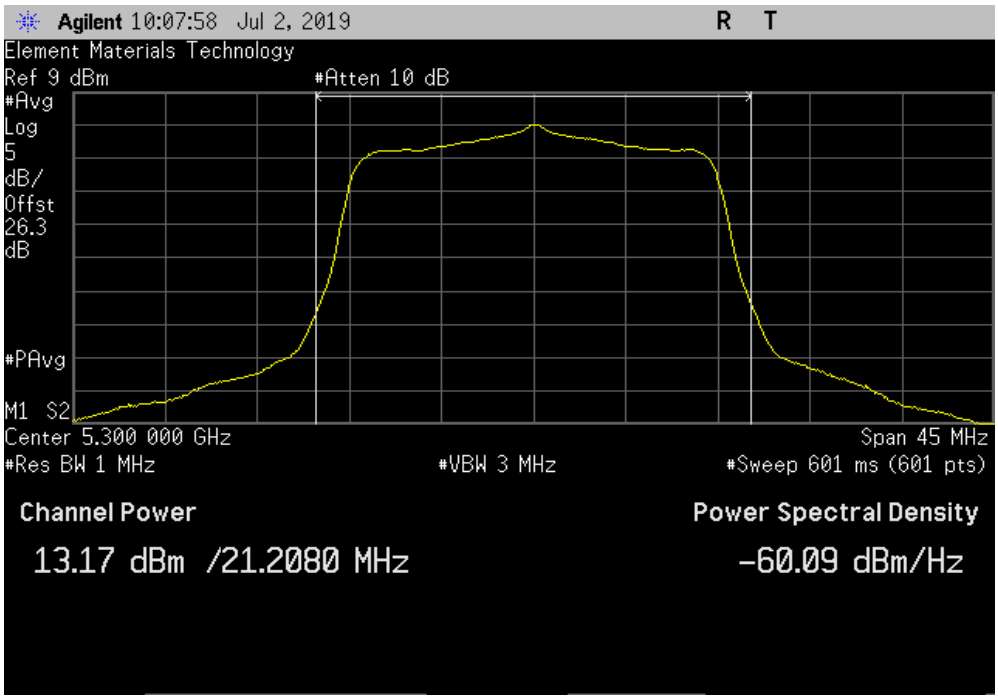


20 MHz, 802.11(n) MCS7, Ch 52, Low Channel 5260 MHz						
Avg Cond Pwr (dBm)	Duty Cycle Factor (dB)	Out Pwr (dBm)	Antenna Gain (dBi)	EIRP (dBm)	EIRP Limit (dBm)	Result
13.009	2.1	15.1	5	20.1	30	Pass

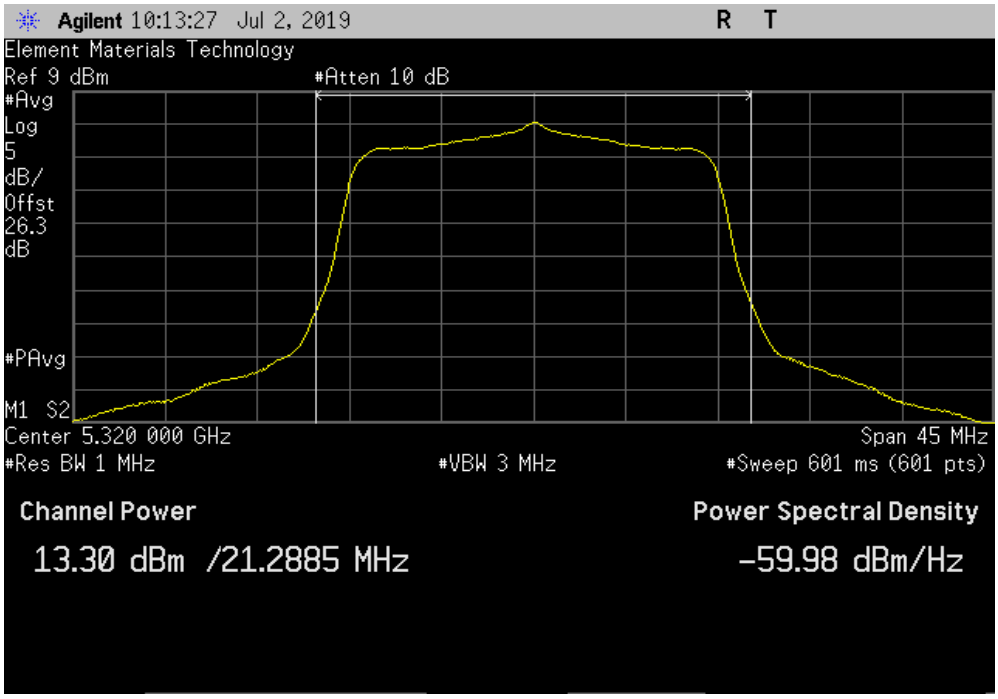


EQUIVALENT ISOTROPIC RADIATED POWER (EIRP)

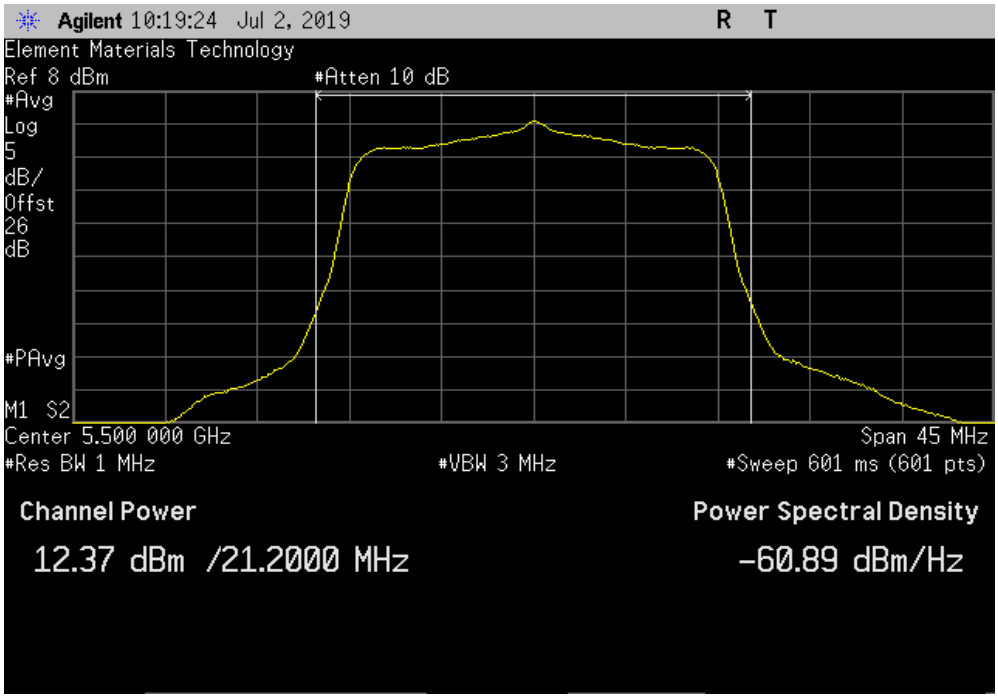
20 MHz, 802.11(n) MCS7, Ch 60, Mid Channel 5300 MHz						
Avg Cond Pwr (dBm)	Duty Cycle Factor (dB)	Out Pwr (dBm)	Antenna Gain (dBi)	EIRP (dBm)	EIRP Limit (dBm)	Result
13.172	2	15.2	5	20.2	30	Pass



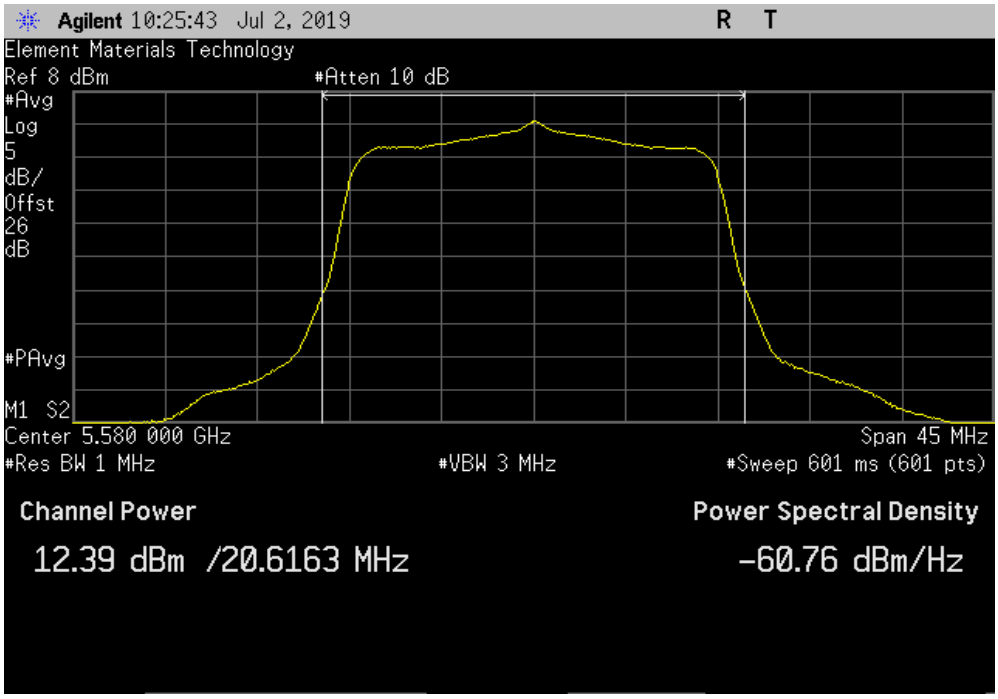
20 MHz, 802.11(n) MCS7, Ch 64, High Channel 5320 MHz						
Avg Cond Pwr (dBm)	Duty Cycle Factor (dB)	Out Pwr (dBm)	Antenna Gain (dBi)	EIRP (dBm)	EIRP Limit (dBm)	Result
13.298	2	15.3	5	20.3	30	Pass



20 MHz, 802.11(n) MCS7, Ch 100, Low Channel 5500 MHz						
Avg Cond Pwr (dBm)	Duty Cycle Factor (dB)	Out Pwr (dBm)	Antenna Gain (dBi)	EIRP (dBm)	EIRP Limit (dBm)	Result
12.374	2	14.4	6	20.4	30	Pass

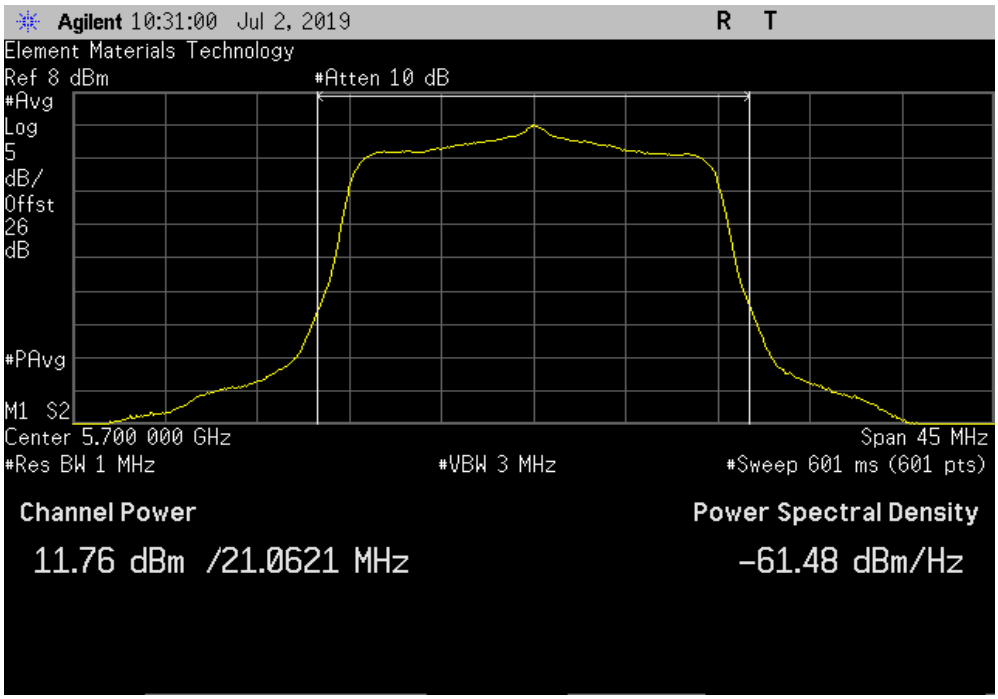


20 MHz, 802.11(n) MCS7, Ch 116, Mid Channel 5580 MHz						
Avg Cond Pwr (dBm)	Duty Cycle Factor (dB)	Out Pwr (dBm)	Antenna Gain (dBi)	EIRP (dBm)	EIRP Limit (dBm)	Result
12.385	2	14.4	6	20.4	30	Pass

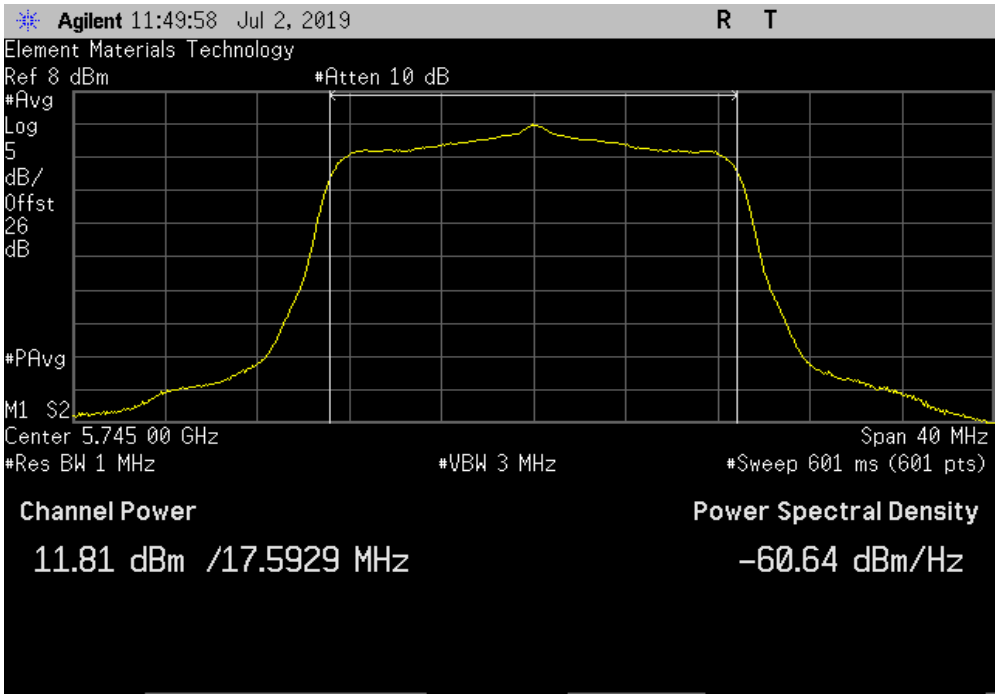


EQUIVALENT ISOTROPIC RADIATED POWER (EIRP)

20 MHz, 802.11(n) MCS7, Ch 140, High Channel 5700 MHz						
Avg Cond Pwr (dBm)	Duty Cycle Factor (dB)	Out Pwr (dBm)	Antenna Gain (dBi)	EIRP (dBm)	EIRP Limit (dBm)	Result
11.758	2.1	13.8	6	19.8	30	Pass

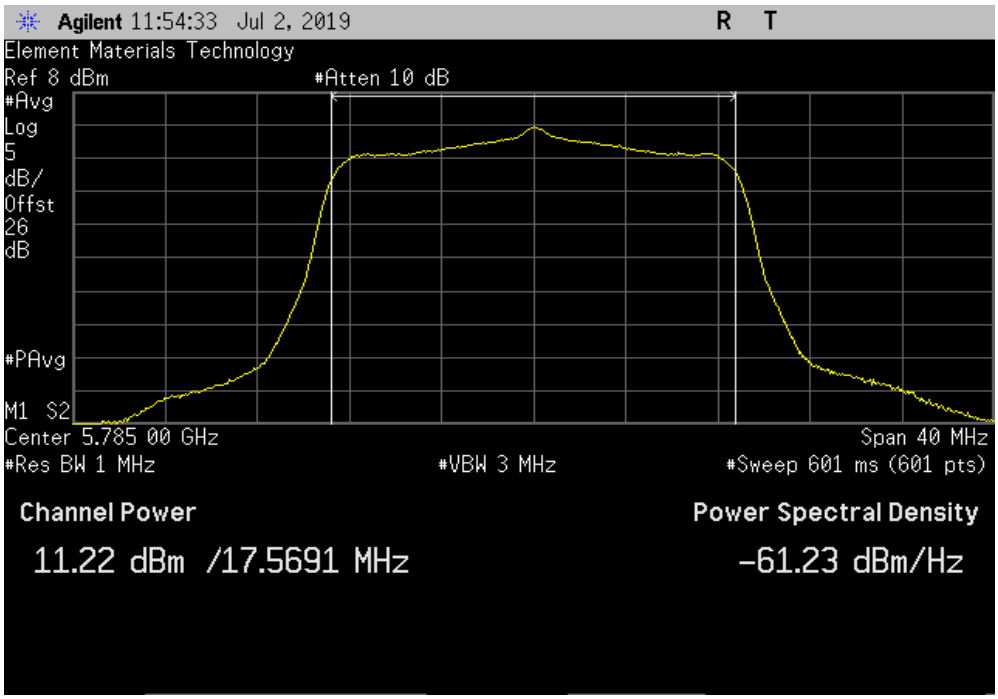


20 MHz, 802.11(n) MCS7, Ch 149, Low Channel 5745 MHz						
Avg Cond Pwr (dBm)	Duty Cycle Factor (dB)	Out Pwr (dBm)	Antenna Gain (dBi)	EIRP (dBm)	EIRP Limit (dBm)	Result
11.814	2	13.9	6	19.9	36	Pass

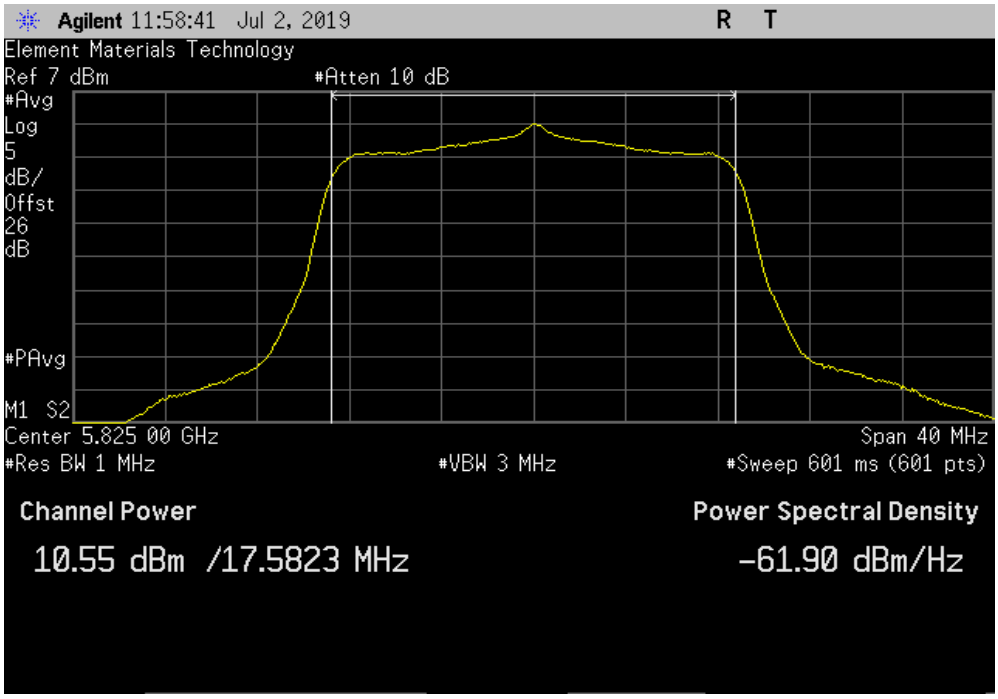


EQUIVALENT ISOTROPIC RADIATED POWER (EIRP)

20 MHz, 802.11(n) MCS7, Ch 157, Mid Channel 5785 MHz						
Avg Cond Pwr (dBm)	Duty Cycle Factor (dB)	Out Pwr (dBm)	Antenna Gain (dBi)	EIRP (dBm)	EIRP Limit (dBm)	Result
11.216	2	13.3	6	19.3	36	Pass

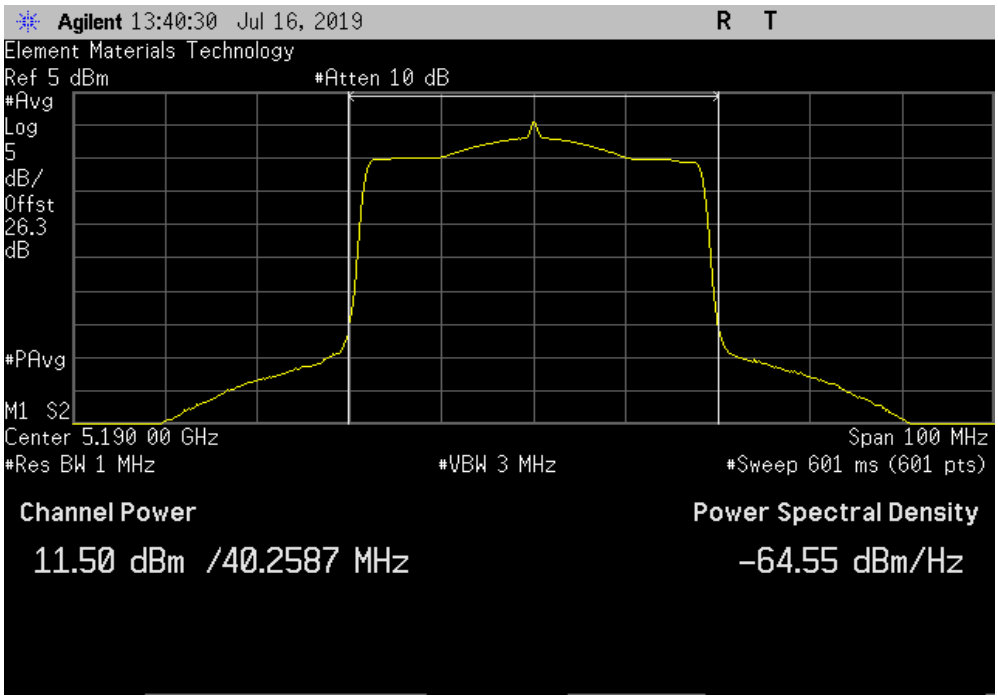


20 MHz, 802.11(n) MCS7, Ch 165, High Channel 5825 MHz						
Avg Cond Pwr (dBm)	Duty Cycle Factor (dB)	Out Pwr (dBm)	Antenna Gain (dBi)	EIRP (dBm)	EIRP Limit (dBm)	Result
10.546	2	12.6	6	18.6	36	Pass

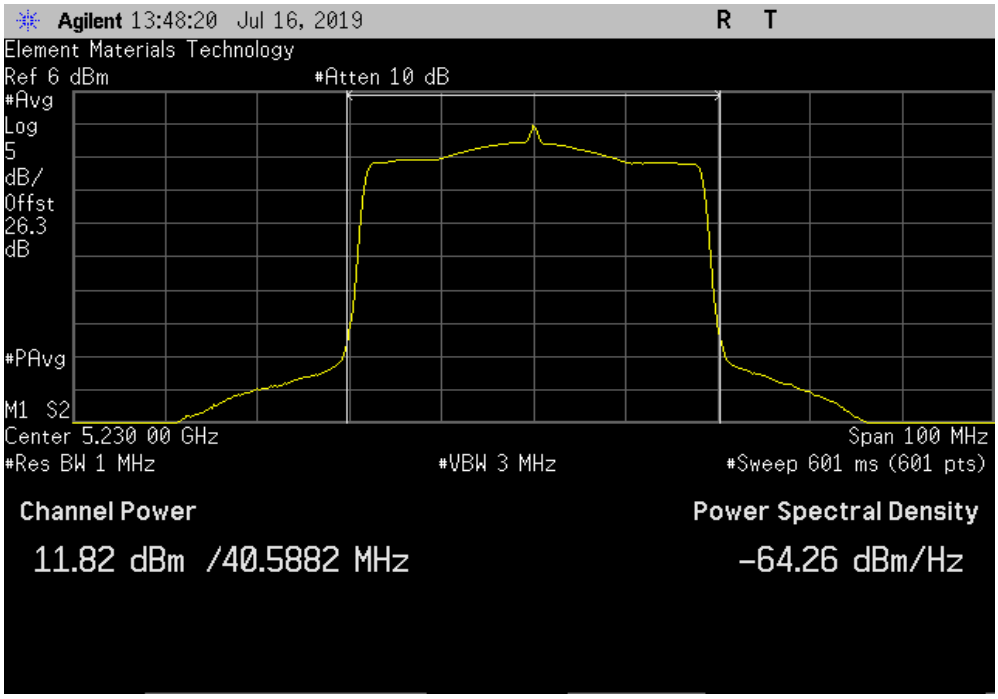


EQUIVALENT ISOTROPIC RADIATED POWER (EIRP)

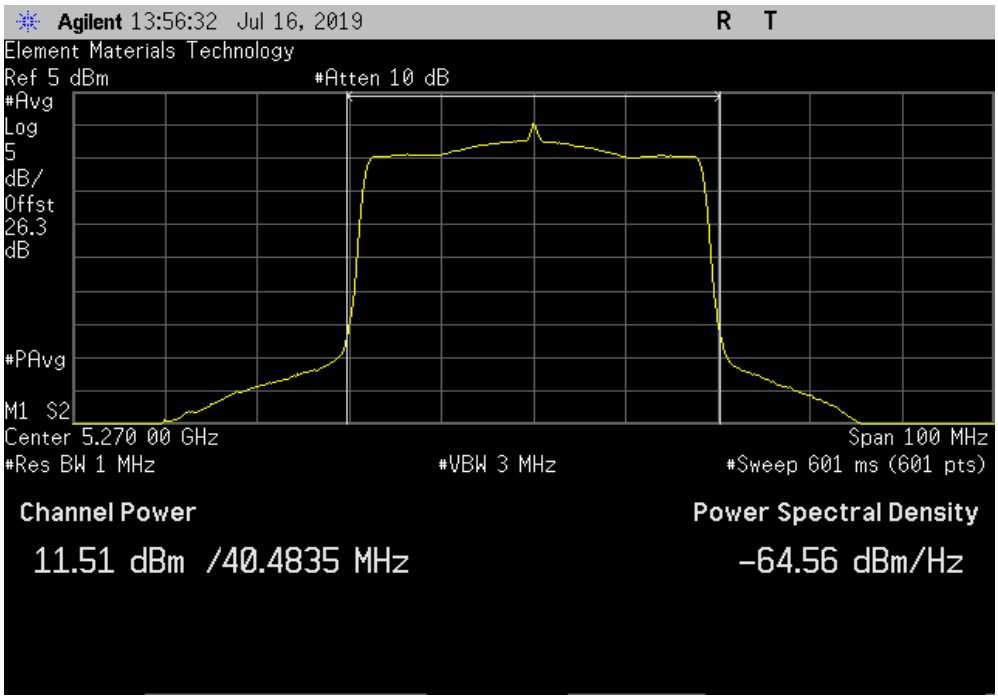
40 MHz, 802.11(n) MCS0, Ch 36/40, Low Channel 5190 MHz						
Avg Cond Pwr (dBm)	Duty Cycle Factor (dB)	Out Pwr (dBm)	Antenna Gain (dBi)	EIRP (dBm)	EIRP Limit (dBm)	Result
11.5	0.6	12.1	5	17.1	30	Pass



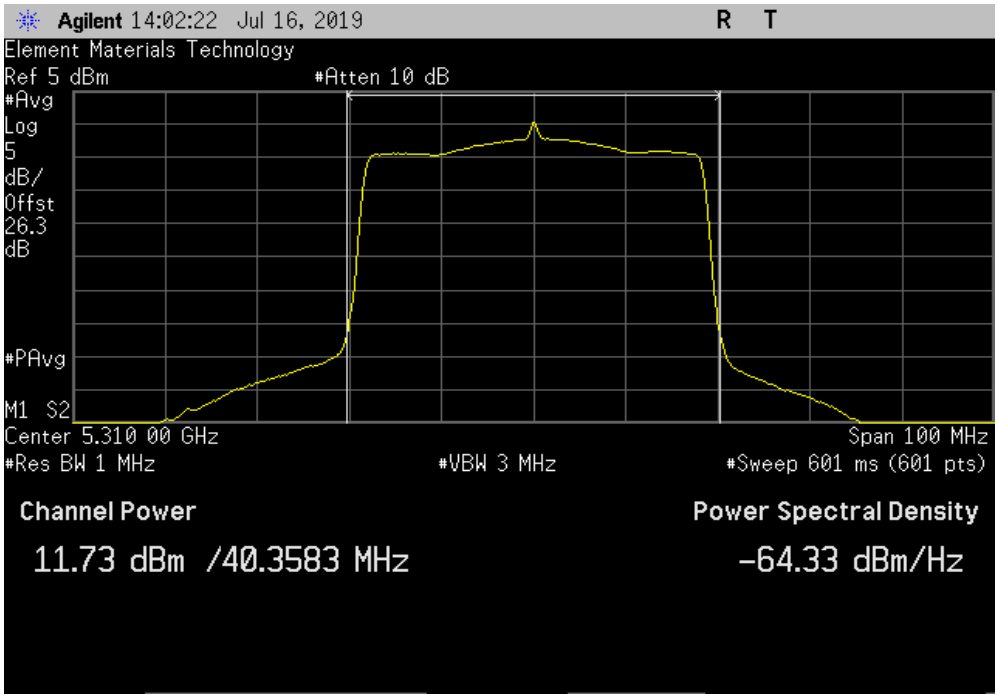
40 MHz, 802.11(n) MCS0, Ch 44/48, High Channel 5230 MHz						
Avg Cond Pwr (dBm)	Duty Cycle Factor (dB)	Out Pwr (dBm)	Antenna Gain (dBi)	EIRP (dBm)	EIRP Limit (dBm)	Result
11.823	0.6	12.4	5	17.4	30	Pass



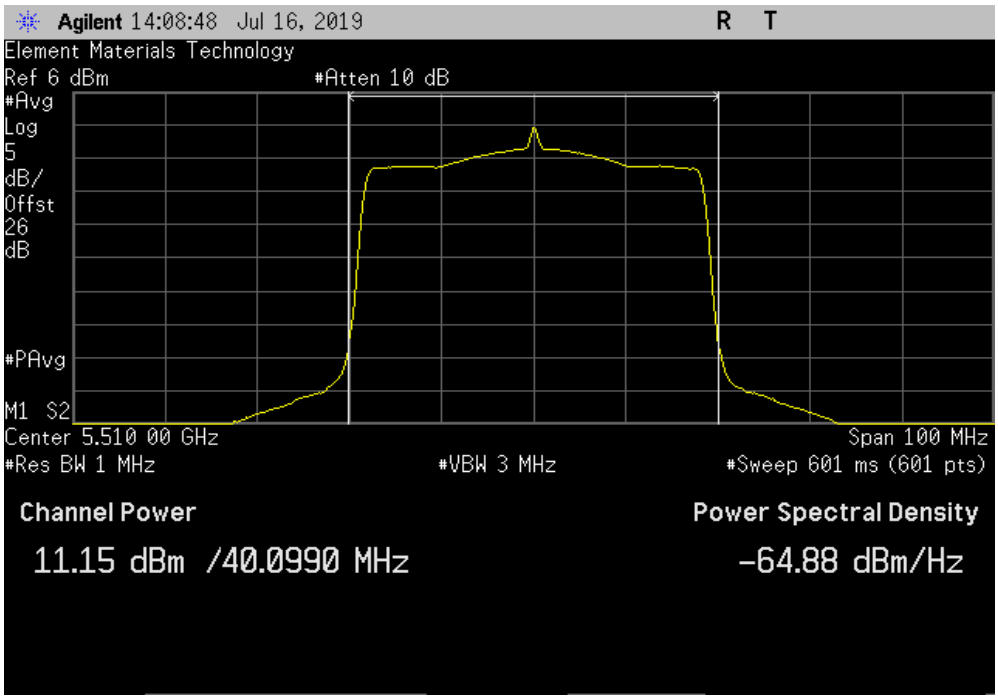
40 MHz, 802.11(n) MCS0, Ch 52/56, Low Channel 5270 MHz						
Avg Cond Pwr (dBm)	Duty Cycle Factor (dB)	Out Pwr (dBm)	Antenna Gain (dBi)	EIRP (dBm)	EIRP Limit (dBm)	Result
11.513	0.6	12.1	5	17.1	30	Pass



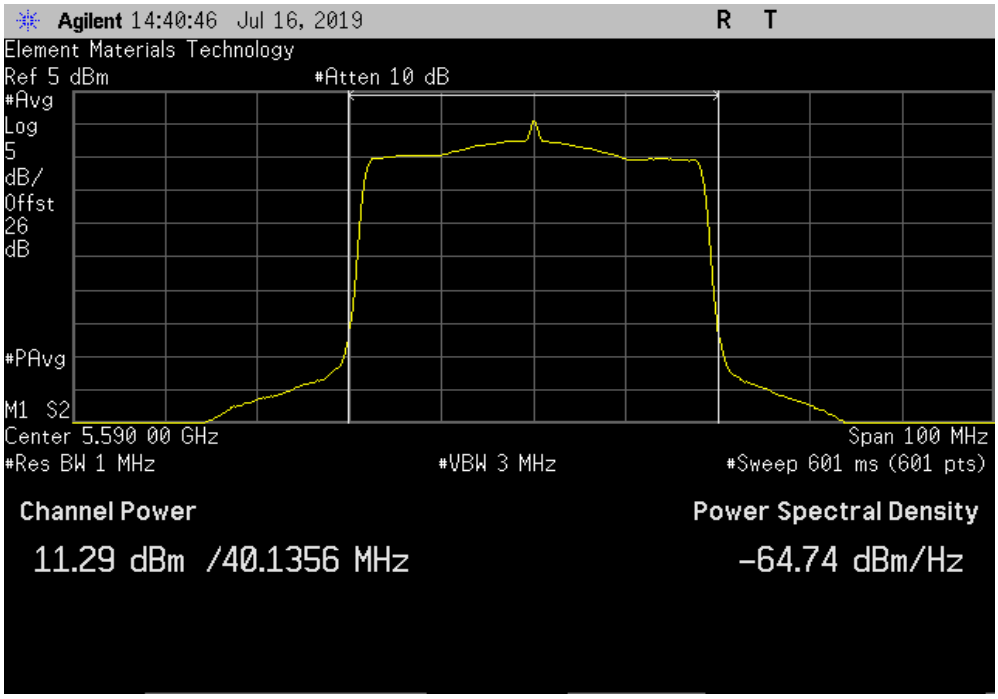
40 MHz, 802.11(n) MCS0, Ch 60/64, High Channel 5310 MHz						
Avg Cond Pwr (dBm)	Duty Cycle Factor (dB)	Out Pwr (dBm)	Antenna Gain (dBi)	EIRP (dBm)	EIRP Limit (dBm)	Result
11.734	0.6	12.3	5	17.3	30	Pass



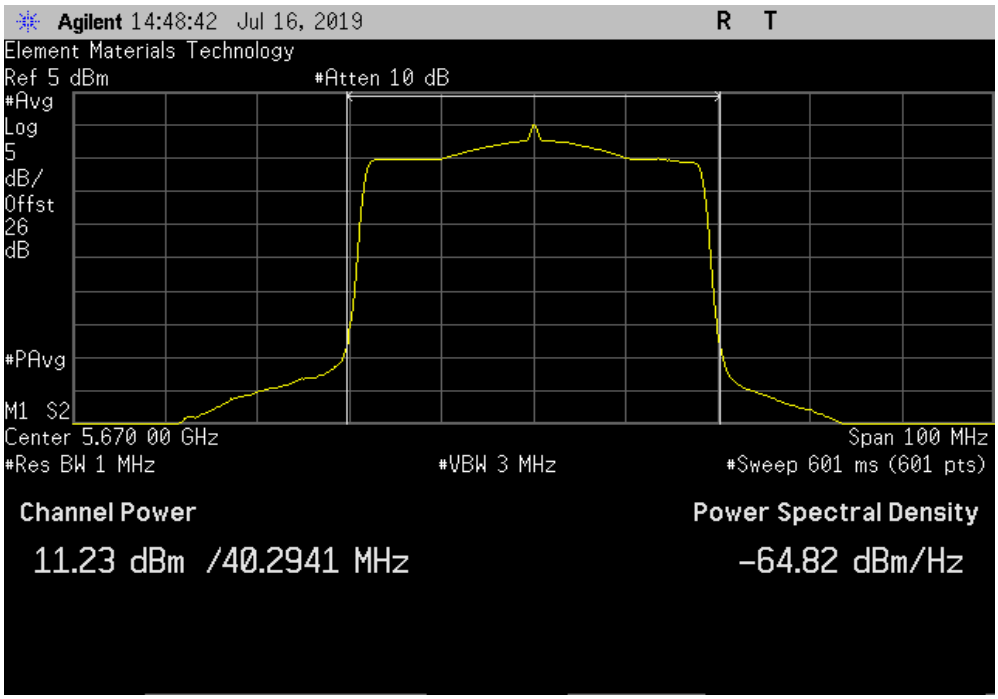
40 MHz, 802.11(n) MCS0, Ch 100/104, Low Channel 5510 MHz						
Avg Cond Pwr (dBm)	Duty Cycle Factor (dB)	Out Pwr (dBm)	Antenna Gain (dBi)	EIRP (dBm)	EIRP Limit (dBm)	Result
11.152	0.6	11.8	6	17.8	30	Pass



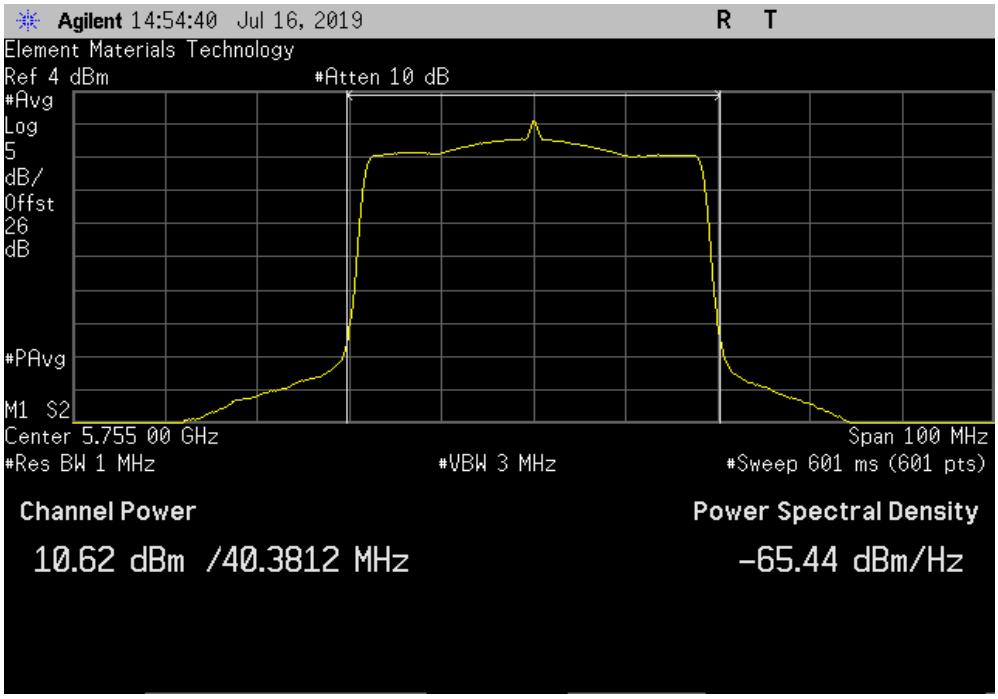
40 MHz, 802.11(n) MCS0, Ch 116/120, Mid Channel 5590 MHz						
Avg Cond Pwr (dBm)	Duty Cycle Factor (dB)	Out Pwr (dBm)	Antenna Gain (dBi)	EIRP (dBm)	EIRP Limit (dBm)	Result
11.291	0.6	11.9	6	17.9	30	Pass



40 MHz, 802.11(n) MCS0, Ch 132/136, High Channel 5670 MHz						
Avg Cond Pwr (dBm)	Duty Cycle Factor (dB)	Out Pwr (dBm)	Antenna Gain (dBi)	EIRP (dBm)	EIRP Limit (dBm)	Result
11.229	0.6	11.8	6	17.8	30	Pass

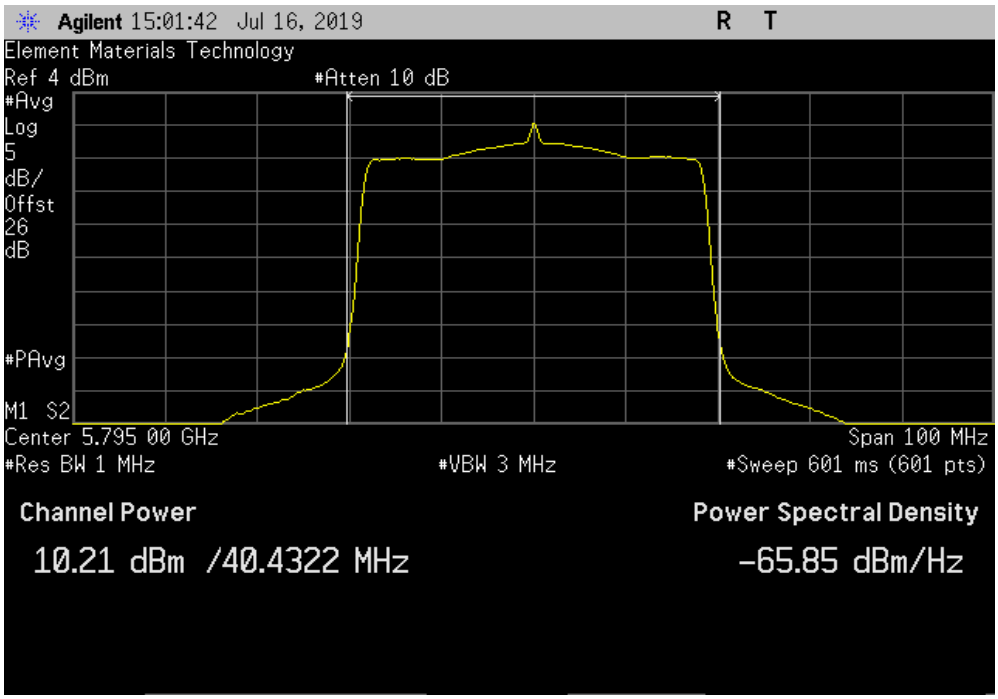


40 MHz, 802.11(n) MCS0, Ch 149/153, Low Channel 5755 MHz						
Avg Cond Pwr (dBm)	Duty Cycle Factor (dB)	Out Pwr (dBm)	Antenna Gain (dBi)	EIRP (dBm)	EIRP Limit (dBm)	Result
10.624	0.6	11.2	6	17.2	30	Pass

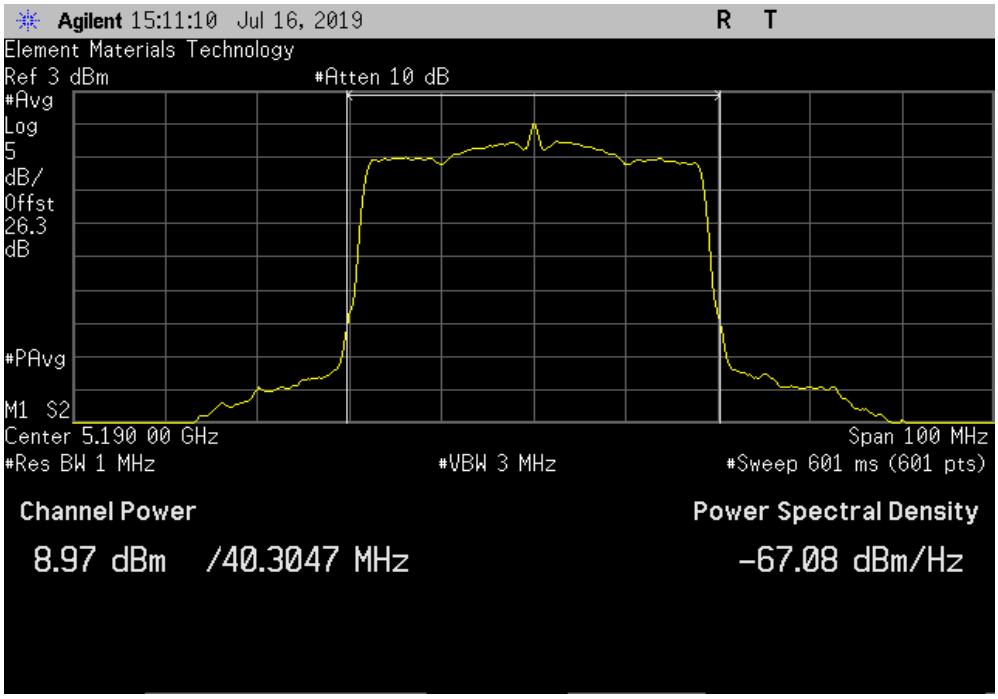


EQUIVALENT ISOTROPIC RADIATED POWER (EIRP)

40 MHz, 802.11(n) MCS0, Ch 157/161, High Channel 5795 MHz						
Avg Cond Pwr (dBm)	Duty Cycle Factor (dB)	Out Pwr (dBm)	Antenna Gain (dBi)	EIRP (dBm)	EIRP Limit (dBm)	Result
10.214	0.6	10.8	6	16.8	30	Pass

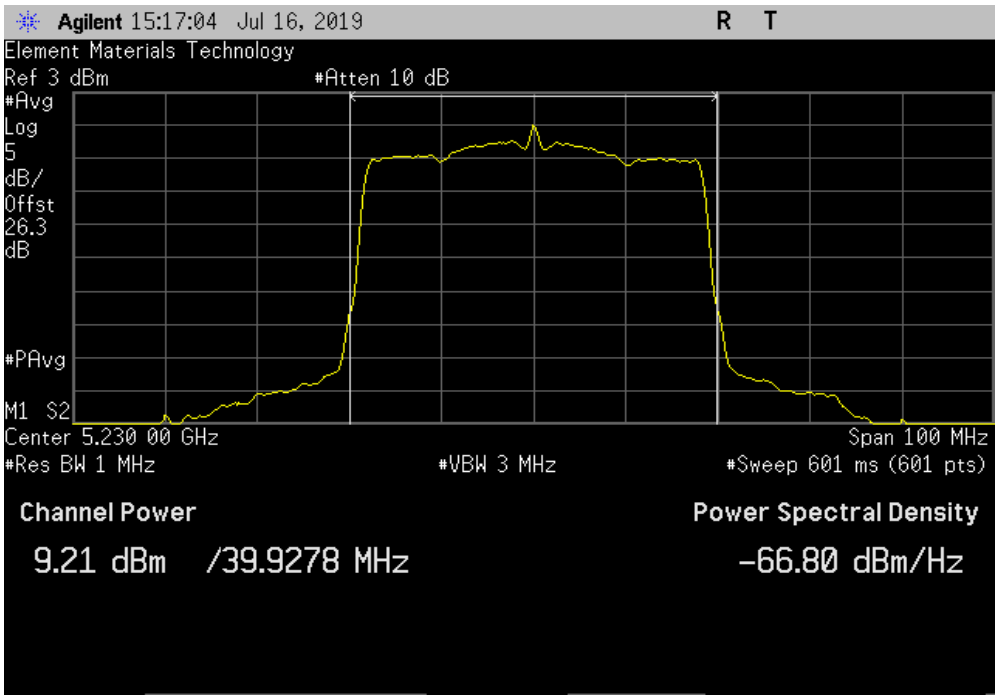


40 MHz, 802.11(n) MCS7, Ch 36/40, Low Channel 5190 MHz						
Avg Cond Pwr (dBm)	Duty Cycle Factor (dB)	Out Pwr (dBm)	Antenna Gain (dBi)	EIRP (dBm)	EIRP Limit (dBm)	Result
8.972	3	11.9	5	16.9	30	Pass

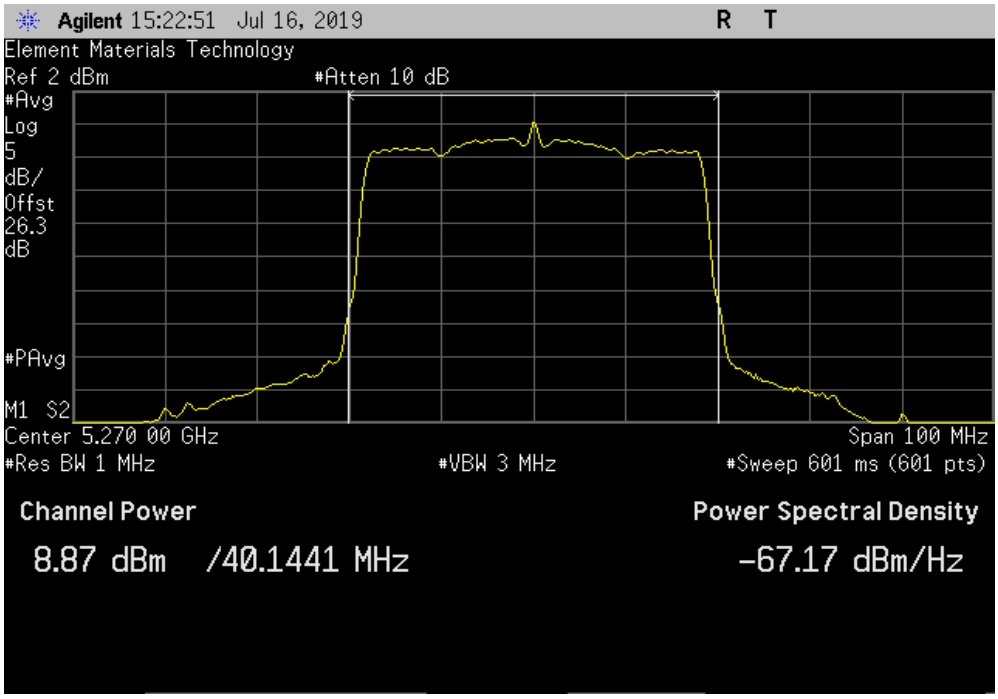


EQUIVALENT ISOTROPIC RADIATED POWER (EIRP)

40 MHz, 802.11(n) MCS7, Ch 44/48, High Channel 5230 MHz						
Avg Cond Pwr (dBm)	Duty Cycle Factor (dB)	Out Pwr (dBm)	Antenna Gain (dBi)	EIRP (dBm)	EIRP Limit (dBm)	Result
9.211	3	12.2	5	17.2	30	Pass

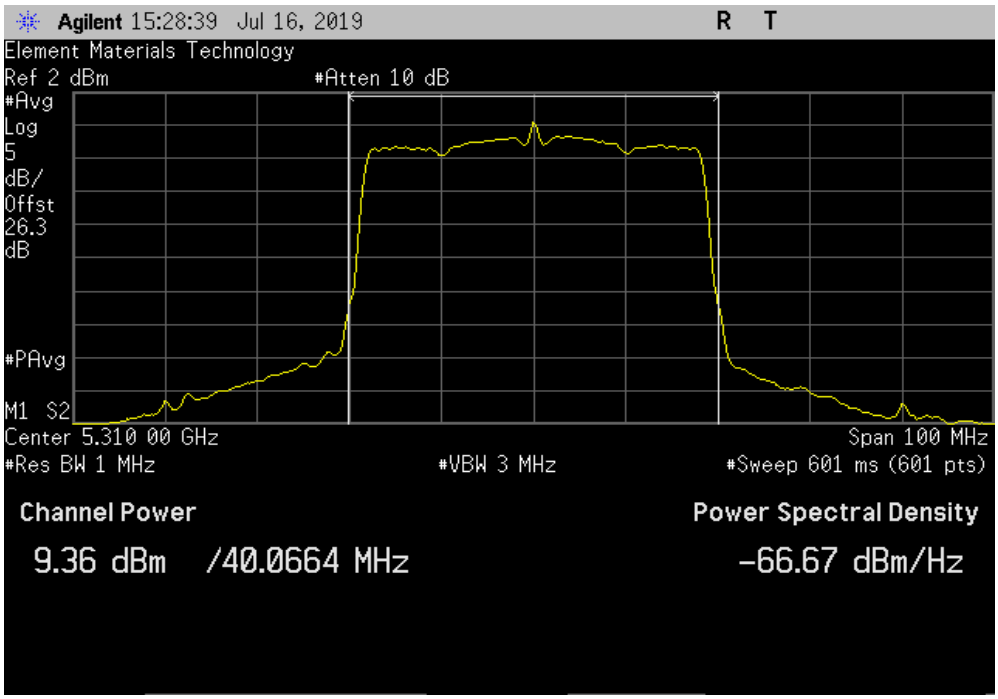


40 MHz, 802.11(n) MCS7, Ch 52/56, Low Channel 5270 MHz						
Avg Cond Pwr (dBm)	Duty Cycle Factor (dB)	Out Pwr (dBm)	Antenna Gain (dBi)	EIRP (dBm)	EIRP Limit (dBm)	Result
8.869	3	11.8	5	16.8	30	Pass

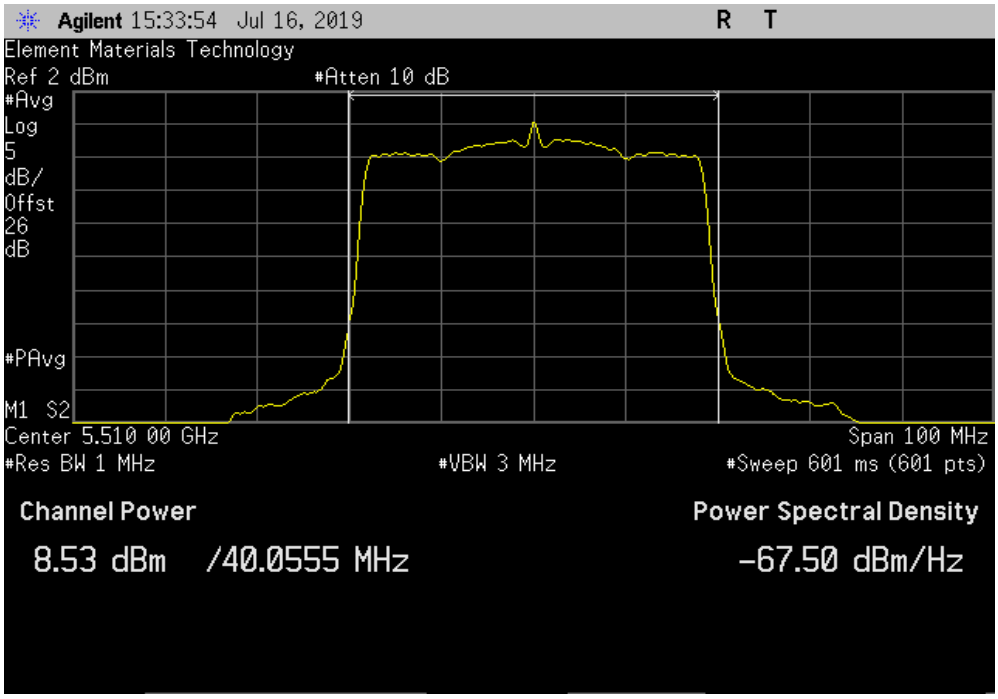


EQUIVALENT ISOTROPIC RADIATED POWER (EIRP)

40 MHz, 802.11(n) MCS7, Ch 60/64, High Channel 5310 MHz						
Avg Cond Pwr (dBm)	Duty Cycle Factor (dB)	Out Pwr (dBm)	Antenna Gain (dBi)	EIRP (dBm)	EIRP Limit (dBm)	Result
9.363	3	12.3	5	17.3	30	Pass

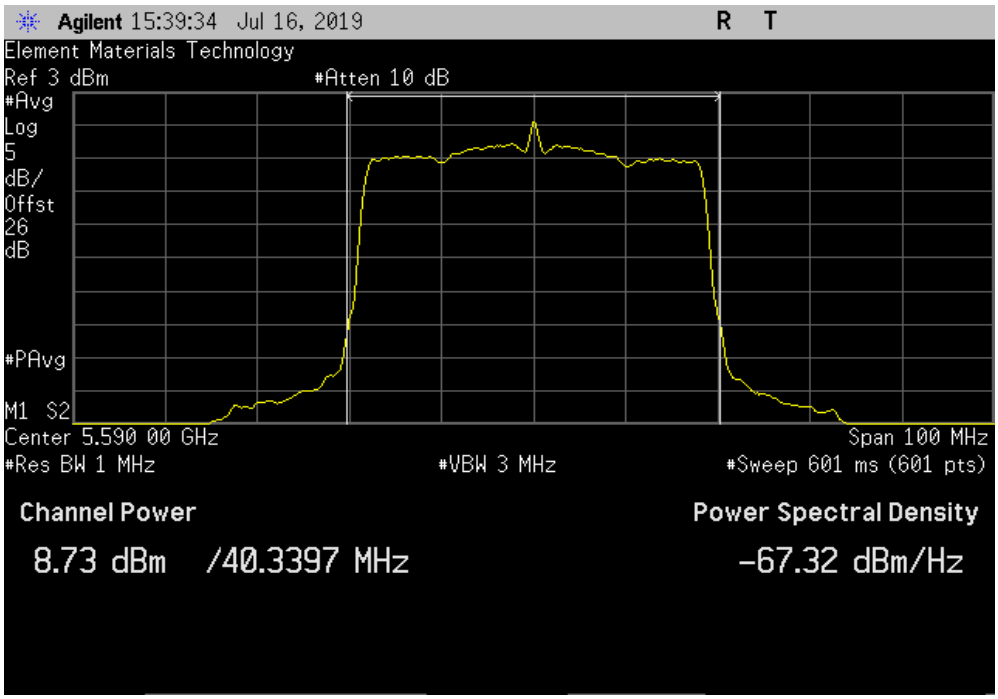


40 MHz, 802.11(n) MCS7, Ch 100/104, Low Channel 5510 MHz						
Avg Cond Pwr (dBm)	Duty Cycle Factor (dB)	Out Pwr (dBm)	Antenna Gain (dBi)	EIRP (dBm)	EIRP Limit (dBm)	Result
8.528	3	11.5	6	17.5	30	Pass

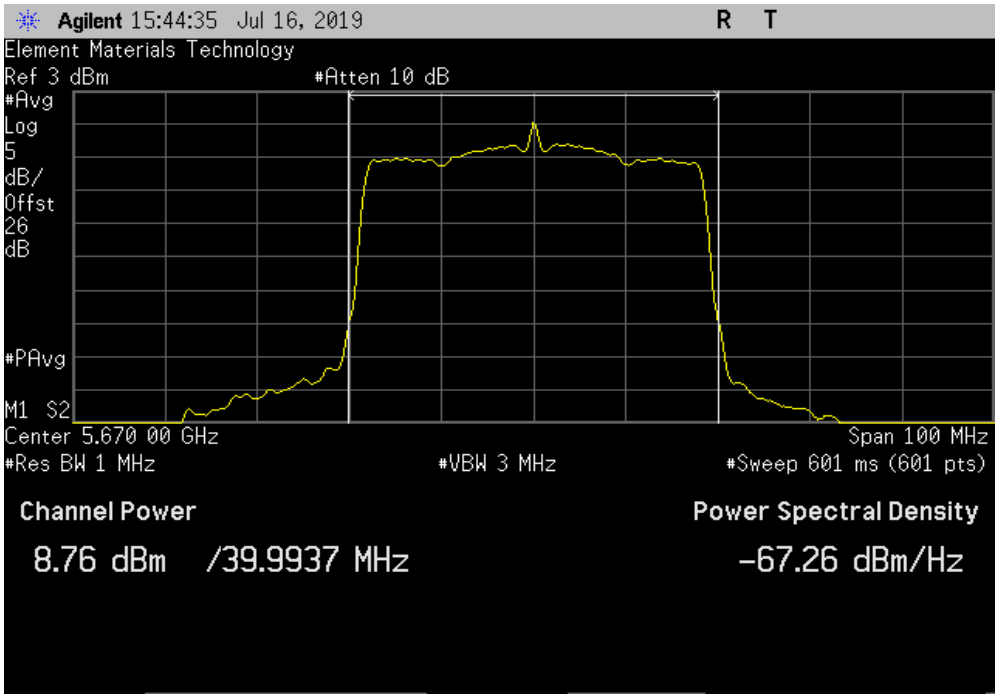


EQUIVALENT ISOTROPIC RADIATED POWER (EIRP)

40 MHz, 802.11(n) MCS7, Ch 116/120, Mid Channel 5590 MHz						
Avg Cond Pwr (dBm)	Duty Cycle Factor (dB)	Out Pwr (dBm)	Antenna Gain (dBi)	EIRP (dBm)	EIRP Limit (dBm)	Result
8.734	3	11.7	6	17.7	30	Pass

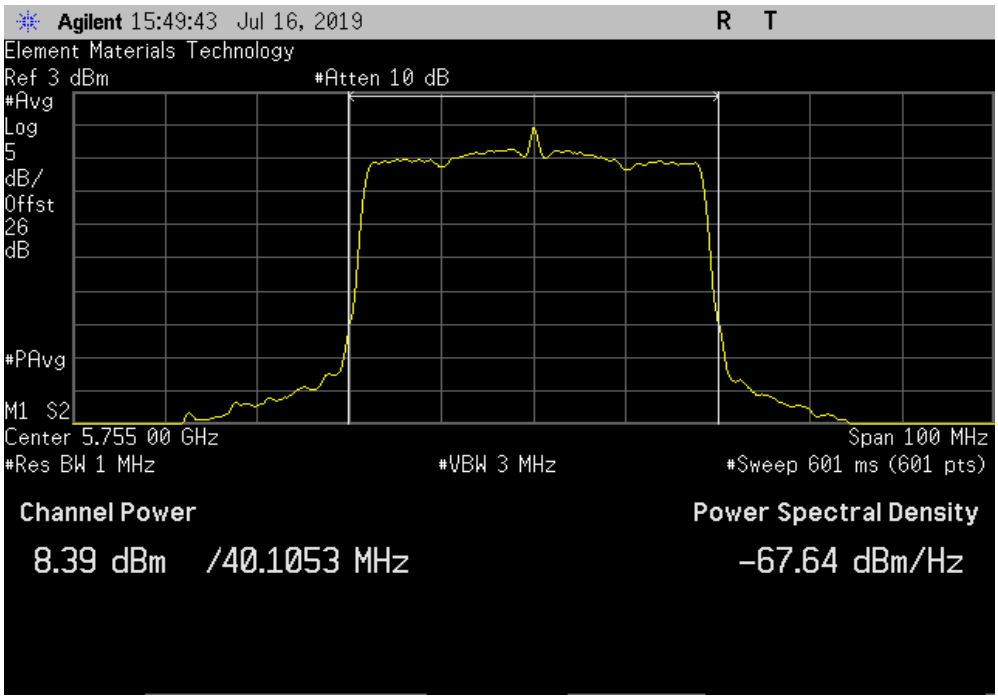


40 MHz, 802.11(n) MCS7, Ch 132/136, High Channel 5670 MHz						
Avg Cond Pwr (dBm)	Duty Cycle Factor (dB)	Out Pwr (dBm)	Antenna Gain (dBi)	EIRP (dBm)	EIRP Limit (dBm)	Result
8.758	2.9	11.7	6	17.7	30	Pass



EQUIVALENT ISOTROPIC RADIATED POWER (EIRP)

40 MHz, 802.11(n) MCS7, Ch 149/153, Low Channel 5755 MHz						
Avg Cond Pwr (dBm)	Duty Cycle Factor (dB)	Out Pwr (dBm)	Antenna Gain (dBi)	EIRP (dBm)	EIRP Limit (dBm)	Result
8.393	2.9	11.3	6	17.3	30	Pass



40 MHz, 802.11(n) MCS7, Ch 157/161, High Channel 5795 MHz						
Avg Cond Pwr (dBm)	Duty Cycle Factor (dB)	Out Pwr (dBm)	Antenna Gain (dBi)	EIRP (dBm)	EIRP Limit (dBm)	Result
8.255	2.9	11.2	6	17.2	30	Pass