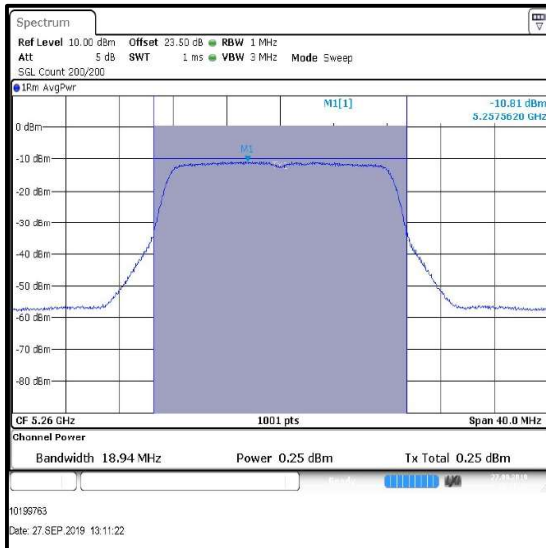
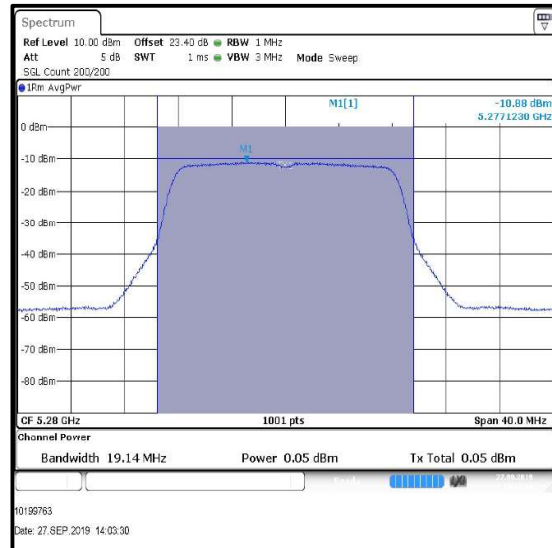
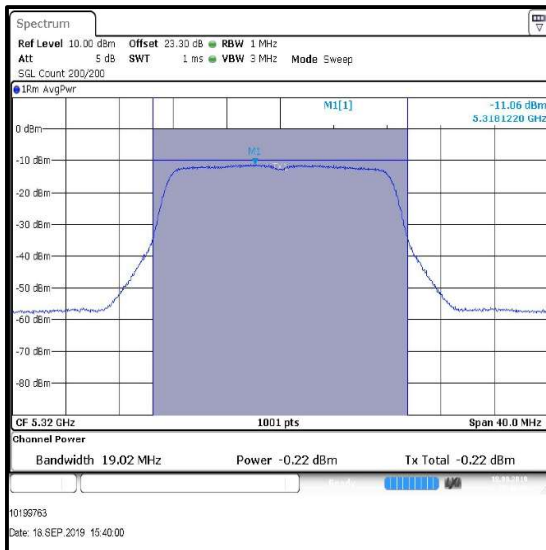
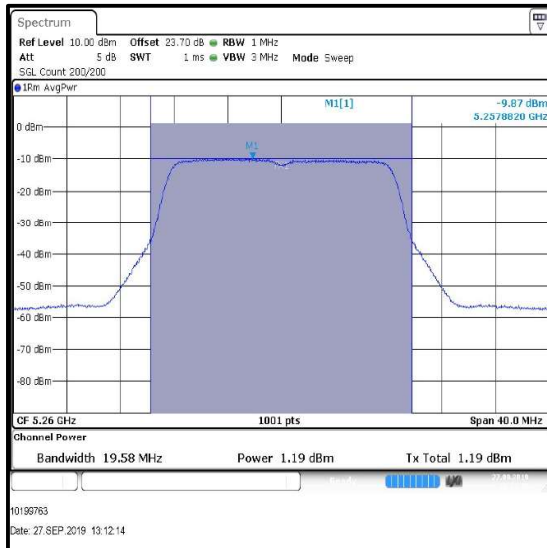
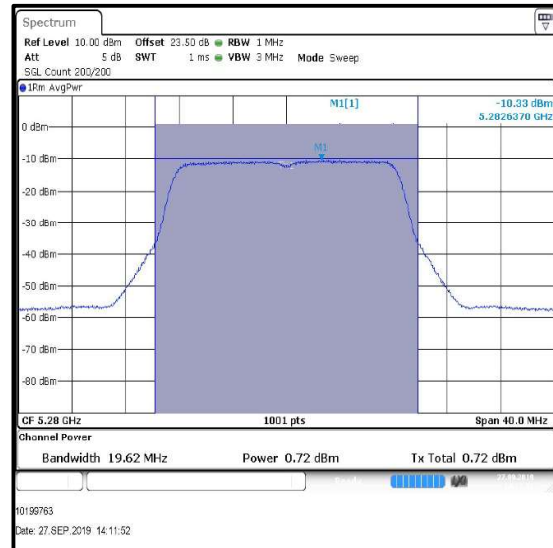
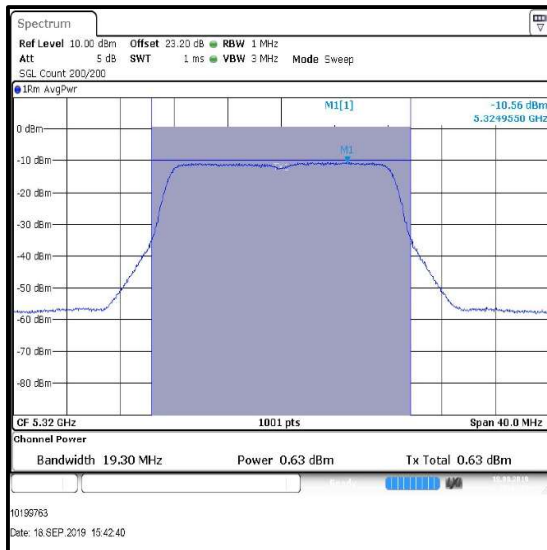


Transmitter Maximum Conducted Output Power (5.25-5.35 GHz band) (continued)**Results: 802.11a / 20 MHz / MIMO / 4Tx CDD / QPSK / 12 Mbps / Port 3****Bottom Channel****Middle Channel****Top Channel**

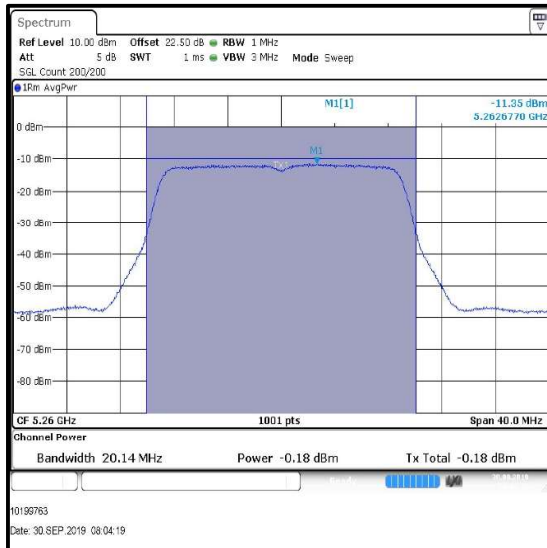
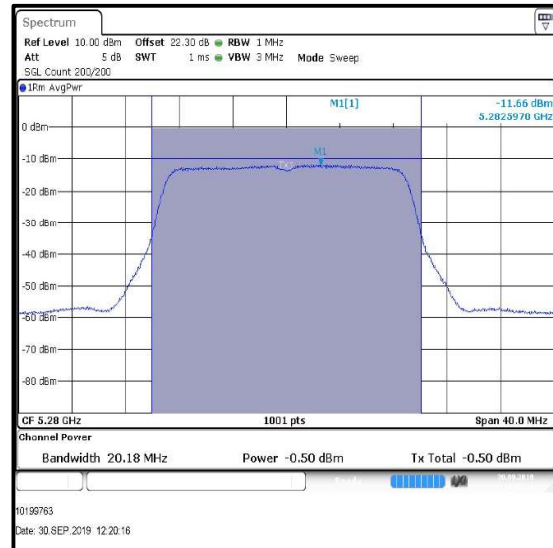
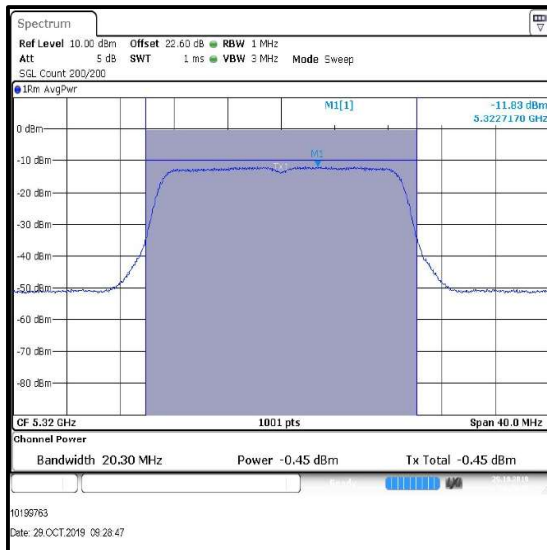
Transmitter Maximum Conducted Output Power (5.25-5.35 GHz band) (continued)**Results: 802.11a / 20 MHz / MIMO / 4Tx CDD / QPSK / 12 Mbps / Port 4****Bottom Channel****Middle Channel****Top Channel**

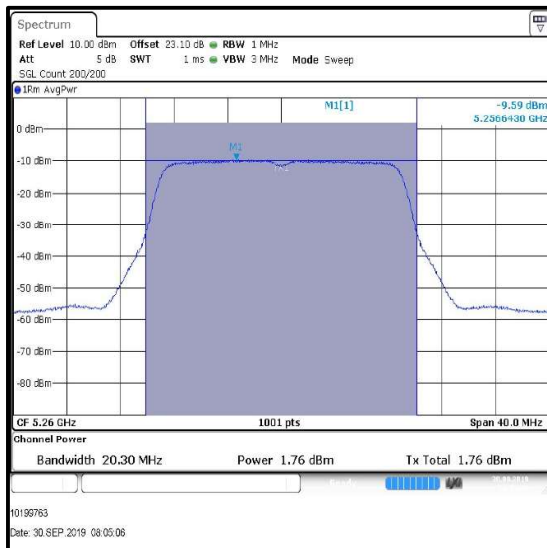
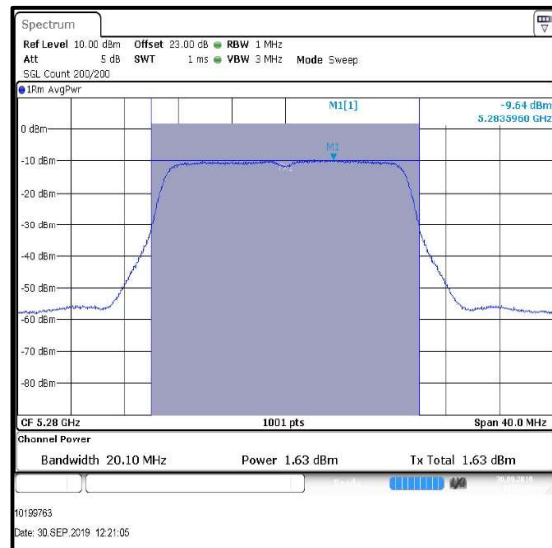
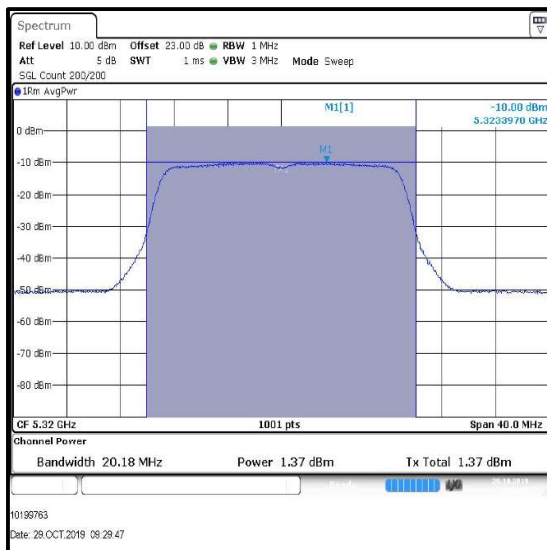
Transmitter Maximum Conducted Output Power (5.25-5.35 GHz band) (continued)**Results: 802.11n / 20 MHz / MIMO / 4Tx CDD / QPSK / MCS1**

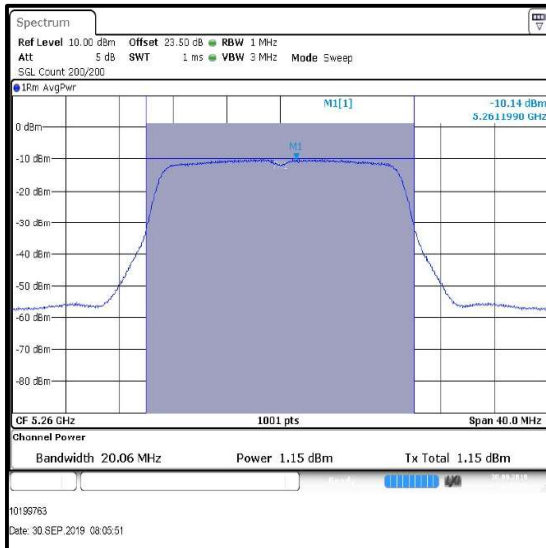
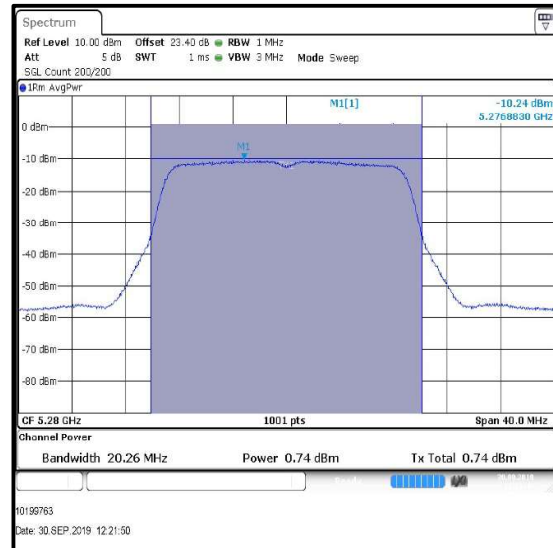
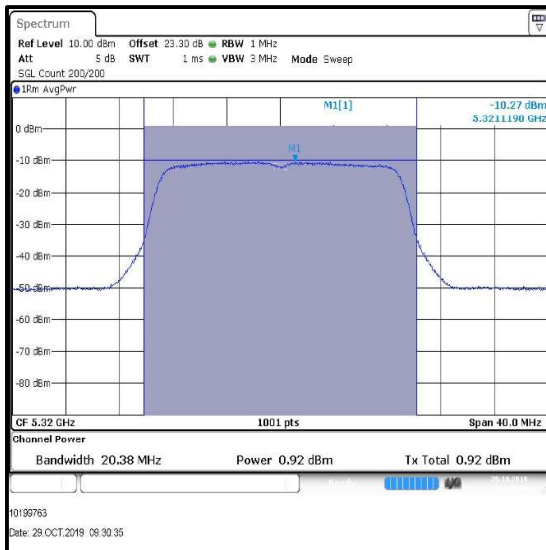
Channel	Frequency (MHz)	Port 1			Port 2		
		Conducted Power (dBm)	Duty Cycle correction factor (dB)	Corrected Conducted Power (dBm)	Conducted Power (dBm)	Duty Cycle correction factor (dB)	Corrected Conducted Power (dBm)
Bottom	5260	-0.2	0.5	0.3	1.8	0.5	2.3
Middle	5280	-0.5	0.6	0.1	1.6	0.6	2.2
Top	5320	-0.5	0.6	0.1	1.4	0.6	2.0

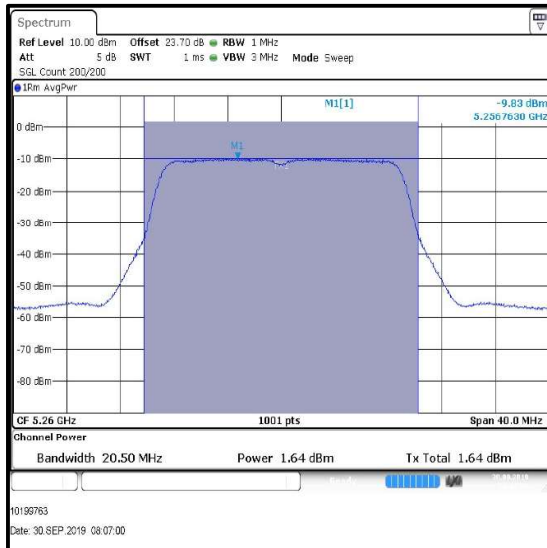
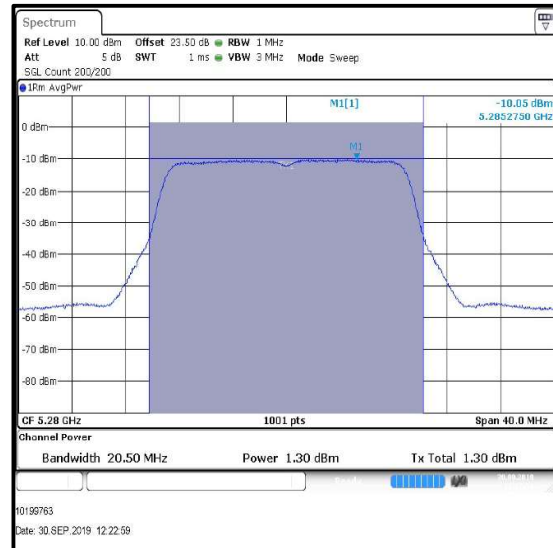
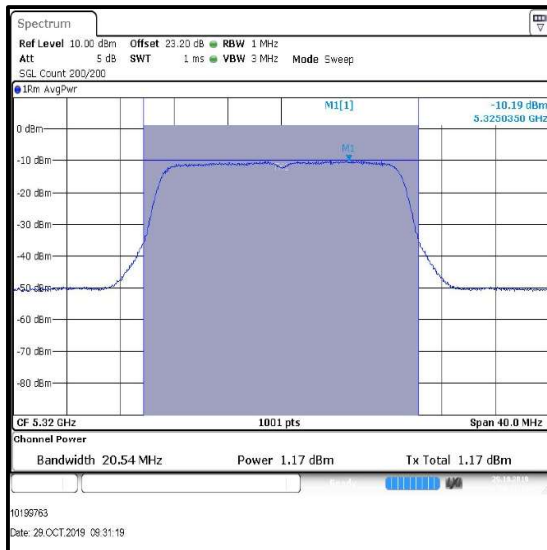
Channel	Frequency (MHz)	Port 3			Port 4		
		Conducted Power (dBm)	Duty Cycle correction factor (dB)	Corrected Conducted Power (dBm)	Conducted Power (dBm)	Duty Cycle correction factor (dB)	Corrected Conducted Power (dBm)
Bottom	5260	1.2	0.5	1.7	1.6	0.5	2.1
Middle	5280	0.7	0.6	1.3	1.3	0.6	1.9
Top	5320	0.9	0.6	1.5	1.2	0.6	1.8

Channel	Frequency (MHz)	Combined Conducted Power (dBm)	Limit (dBm)	Margin (dB)	Result
Bottom	5260	7.7	15.8	8.1	Complied
Middle	5280	7.5	15.8	8.3	Complied
Top	5320	7.4	15.8	8.4	Complied

Transmitter Maximum Conducted Output Power (5.25-5.35 GHz band) (continued)**Results: 802.11n / 20 MHz / MIMO / 4Tx CDD / QPSK / MCS1 / Port 1****Bottom Channel****Middle Channel****Top Channel**

Transmitter Maximum Conducted Output Power (5.25-5.35 GHz band) (continued)**Results: 802.11n / 20 MHz / MIMO / 4Tx CDD / QPSK / MCS1 / Port 2****Bottom Channel****Middle Channel****Top Channel**

Transmitter Maximum Conducted Output Power (5.25-5.35 GHz band) (continued)**Results: 802.11n / 20 MHz / MIMO / 4Tx CDD / QPSK / MCS1 / Port 3****Bottom Channel****Middle Channel****Top Channel**

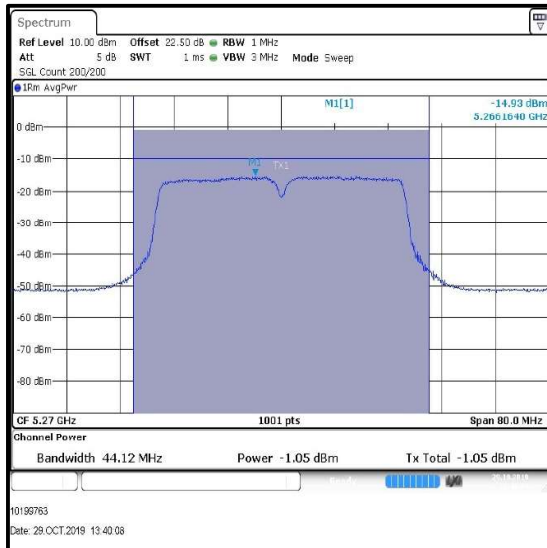
Transmitter Maximum Conducted Output Power (5.25-5.35 GHz band) (continued)**Results: 802.11n / 20 MHz / MIMO / 4Tx CDD / QPSK / MCS1 / Port 4****Bottom Channel****Middle Channel****Top Channel**

Transmitter Maximum Conducted Output Power (5.25-5.35 GHz band) (continued)**Results: 802.11n / 40 MHz / MIMO / 4Tx CDD / 16QAM / MCS3**

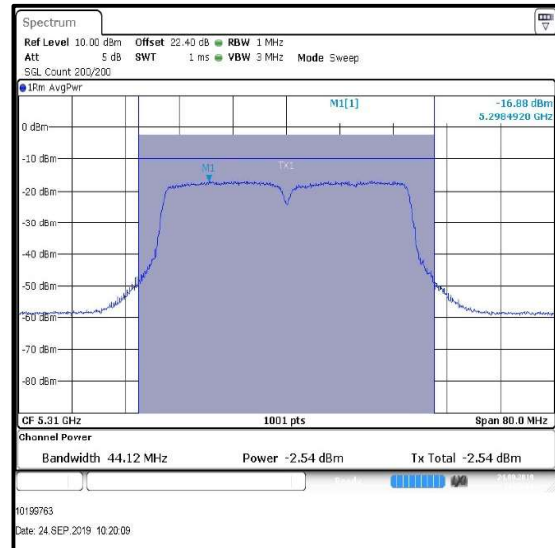
Channel	Frequency (MHz)	Port 1			Port 2		
		Conducted Power (dBm)	Duty Cycle correction factor (dB)	Corrected Conducted Power (dBm)	Conducted Power (dBm)	Duty Cycle correction factor (dB)	Corrected Conducted Power (dBm)
Bottom	5270	-1.1	1.7	0.6	0.6	1.7	2.3
Top	5310	-2.5	1.8	-0.7	-0.5	1.8	1.3

Channel	Frequency (MHz)	Port 3			Port 4		
		Conducted Power (dBm)	Duty Cycle correction factor (dB)	Corrected Conducted Power (dBm)	Conducted Power (dBm)	Duty Cycle correction factor (dB)	Corrected Conducted Power (dBm)
Bottom	5270	0.2	1.7	1.9	0.2	1.7	1.9
Top	5310	-1.9	1.8	-0.1	-1.0	1.8	0.8

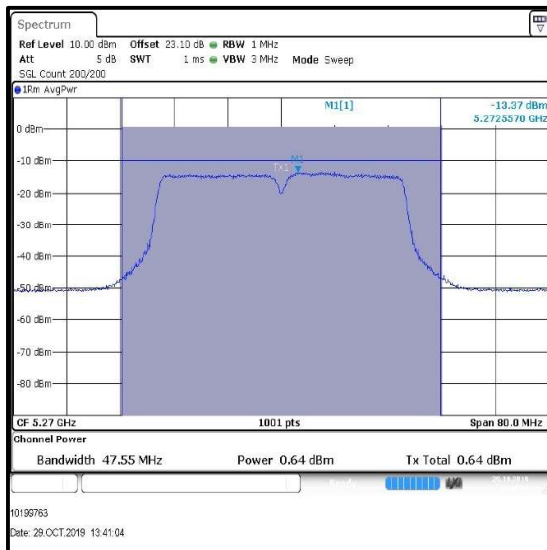
Channel	Frequency (MHz)	Combined Conducted Power (dBm)	Limit (dBm)	Margin (dB)	Result
Bottom	5270	7.7	15.8	8.1	Complied
Top	5310	6.4	15.8	9.4	Complied

Transmitter Maximum Conducted Output Power (5.25-5.35 GHz band) (continued)**Results: 802.11n / 40 MHz / MIMO / 4Tx CDD / 16QAM / MCS3 / Port 1**

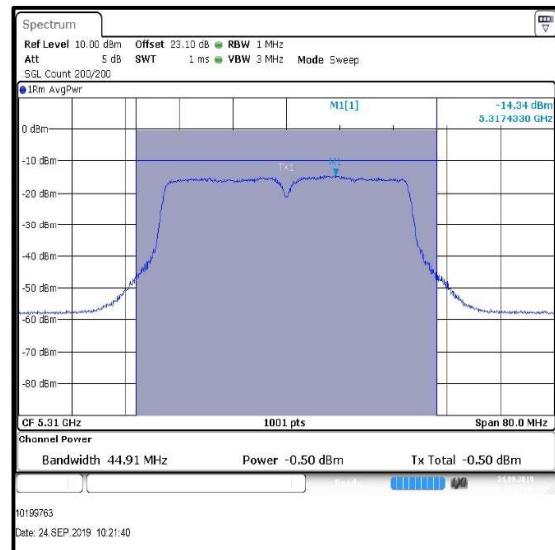
Bottom Channel



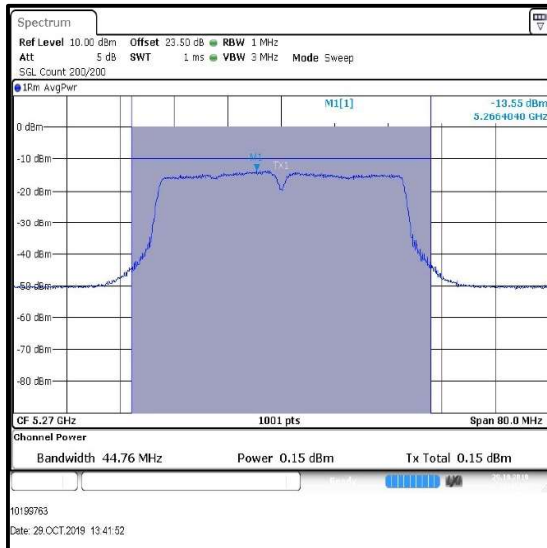
Top Channel

Results: 802.11n / 40 MHz / MIMO / 4Tx CDD / 16QAM / MCS3 / Port 2

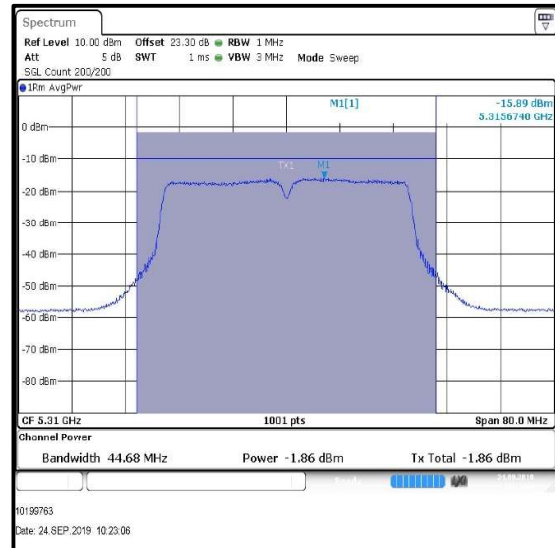
Bottom Channel



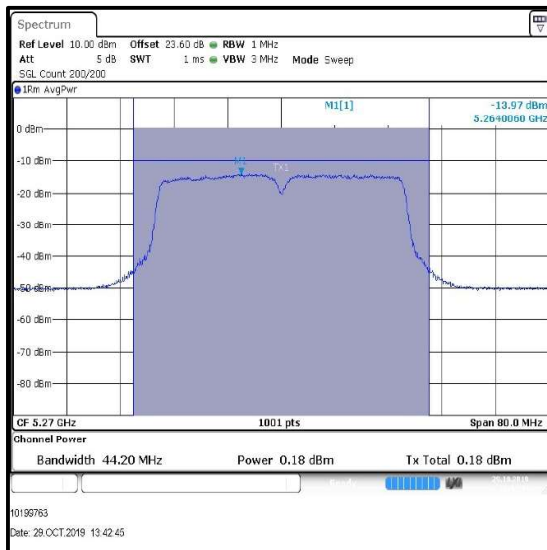
Top Channel

Transmitter Maximum Conducted Output Power (5.25-5.35 GHz band) (continued)**Results: 802.11n / 40 MHz / MIMO / 4Tx CDD / 16QAM / MCS3 / Port 3**

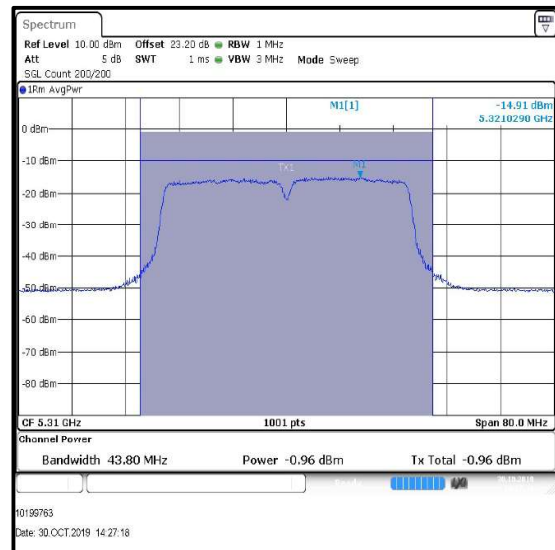
Bottom Channel



Top Channel

Results: 802.11n / 40 MHz / MIMO / 4Tx CDD / 16QAM / MCS3 / Port 4

Bottom Channel



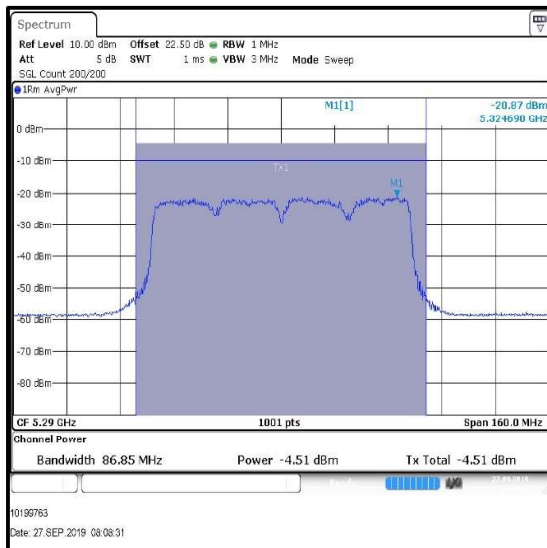
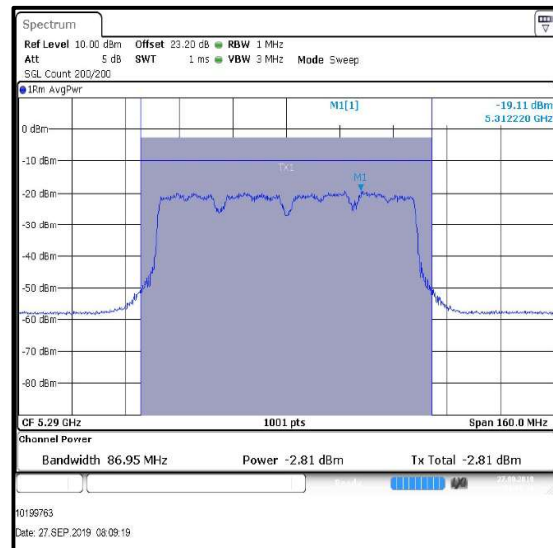
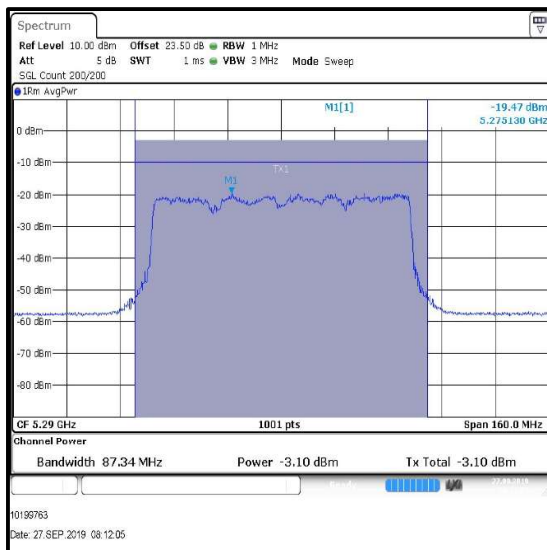
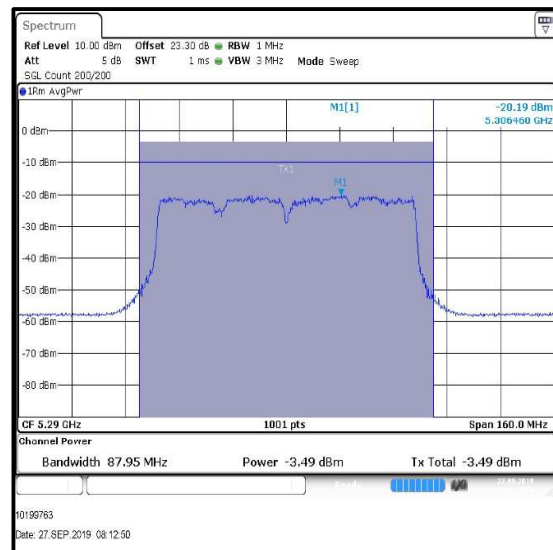
Top Channel

Transmitter Maximum Conducted Output Power (5.25-5.35 GHz band) (continued)**Results: 802.11ac / 80 MHz / MIMO / 4Tx CDD / 16QAM / MCS3x1**

Channel	Frequency (MHz)	Port 1			Port 2		
		Conducted Power (dBm)	Duty Cycle correction factor (dB)	Corrected Conducted Power (dBm)	Conducted Power (dBm)	Duty Cycle correction factor (dB)	Corrected Conducted Power (dBm)
Single	5290	-4.5	3.0	-1.5	-2.8	3.0	0.2

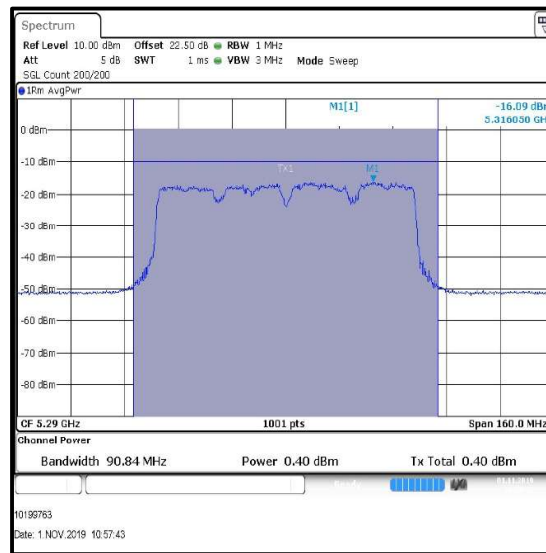
Channel	Frequency (MHz)	Port 3			Port 4		
		Conducted Power (dBm)	Duty Cycle correction factor (dB)	Corrected Conducted Power (dBm)	Conducted Power (dBm)	Duty Cycle correction factor (dB)	Corrected Conducted Power (dBm)
Single	5290	-3.1	3.0	-0.1	-3.5	3.0	-0.5

Channel	Frequency (MHz)	Combined Conducted Power (dBm)	Limit (dBm)	Margin (dB)	Result
Single	5290	5.6	15.8	10.2	Complied

Transmitter Maximum Conducted Output Power (5.25-5.35 GHz band) (continued)**Results: 802.11ac / 80 MHz / MIMO / 4Tx CDD / 16QAM / MCS3x1****Single Channel / Port 1****Single Channel / Port 2****Single Channel / Port 3****Single Channel / Port 4**

Transmitter Maximum Conducted Output Power (5.25-5.35 GHz band) (continued)**Results: 802.11ac / 80 MHz / SISO / 256-QAM / MCS8x1 / Port 1 (reference plot)**

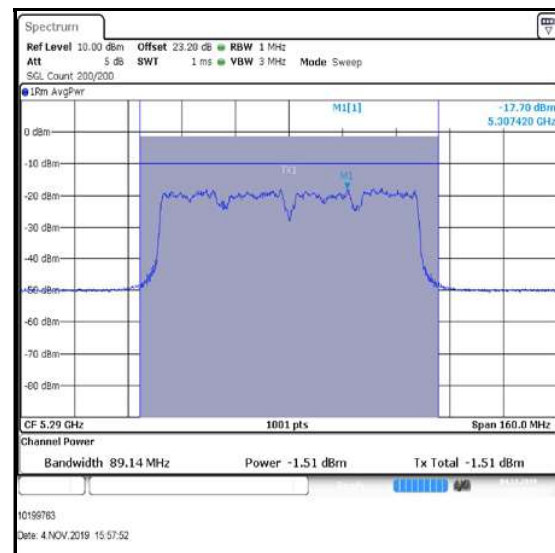
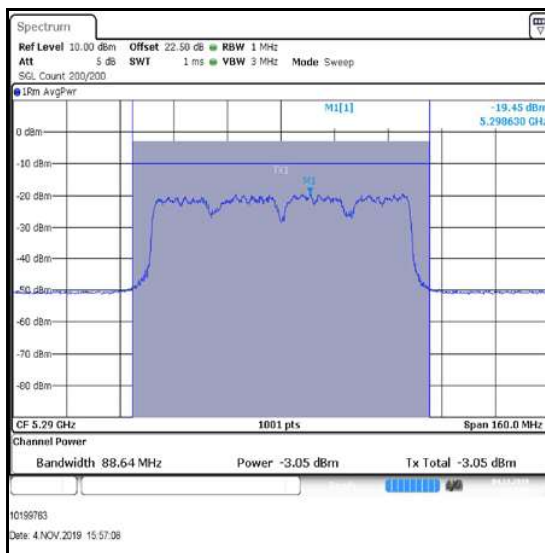
Channel	Frequency (MHz)	Conducted Power (dBm)	Duty cycle correction factor (dB)	Corrected Conducted Power (dBm)	Limit (dBm)	Margin (dB)	Result
Single	5290	0.4	3.5	3.9	15.8	11.9	Complied

**Single Channel**

Transmitter Maximum Conducted Output Power (5.25-5.35 GHz band) (continued)**Results: 802.11ac / 80 MHz / MIMO / 2Tx CDD / 256-QAM / MCS9x1 / (reference plots)**

Channel	Frequency (MHz)	Port 1			Port 2		
		Conducted Power (dBm)	Duty Cycle correction factor (dB)	Corrected Conducted Power (dBm)	Conducted Power (dBm)	Duty Cycle correction factor (dB)	Corrected Conducted Power (dBm)
Single	5290	-3.0	3.6	0.6	-1.5	3.6	2.1

Channel	Frequency (MHz)	Corrected Conducted Power Port 1 (dBm)	Corrected Conducted Power Port 2 (dBm)	Combined Conducted Power (dBm)	Limit (dBm)	Margin (dB)	Result
Single	5290	0.6	2.1	4.4	15.8	11.4	Complied

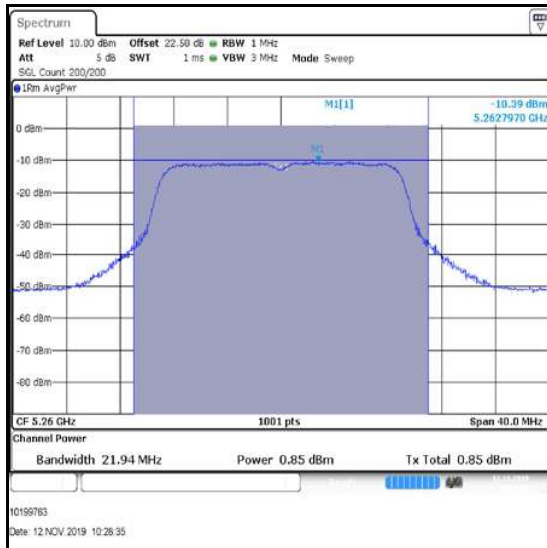
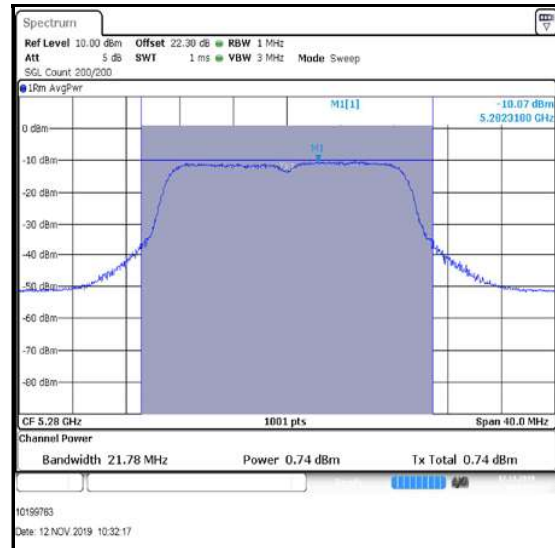
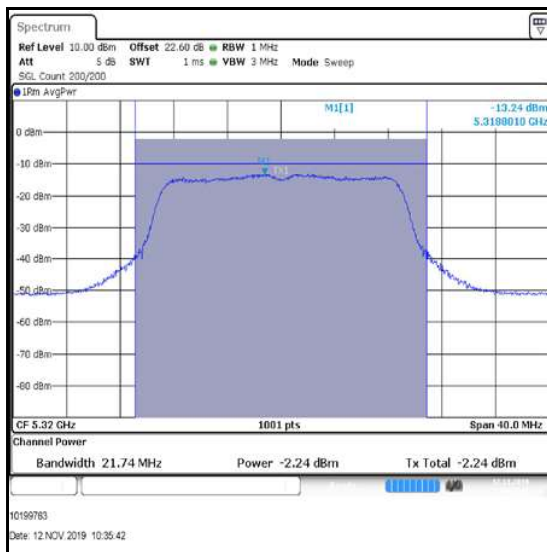


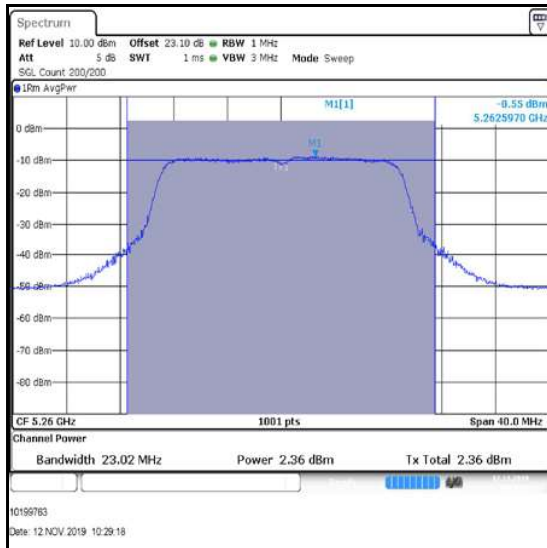
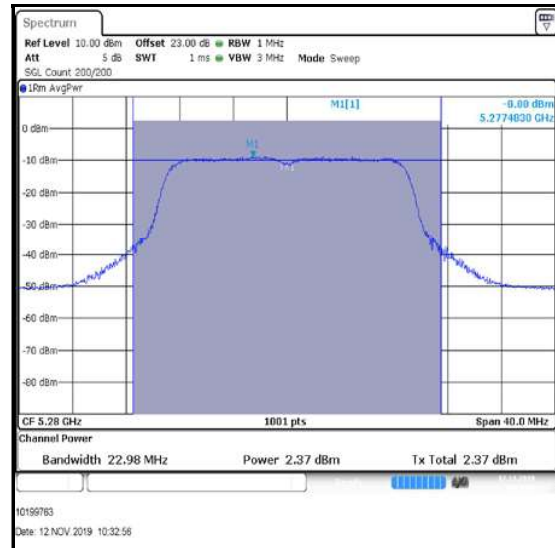
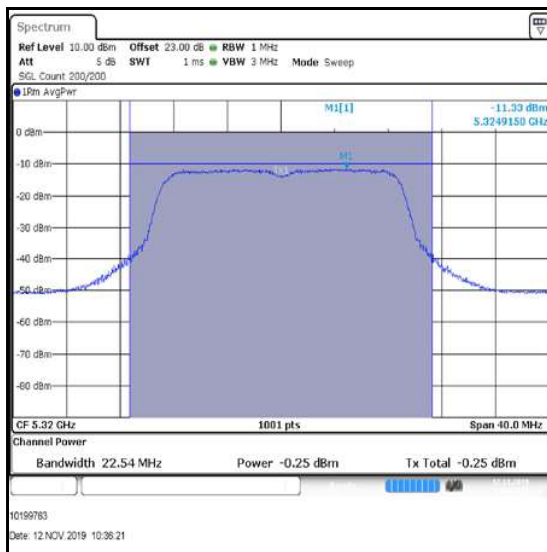
Transmitter Maximum Conducted Output Power (5.25-5.35 GHz band) (continued)**Results: 802.11n / 20 MHz / MIMO / 3Tx CDD / 64-QAM / MCS7 (reference plots)**

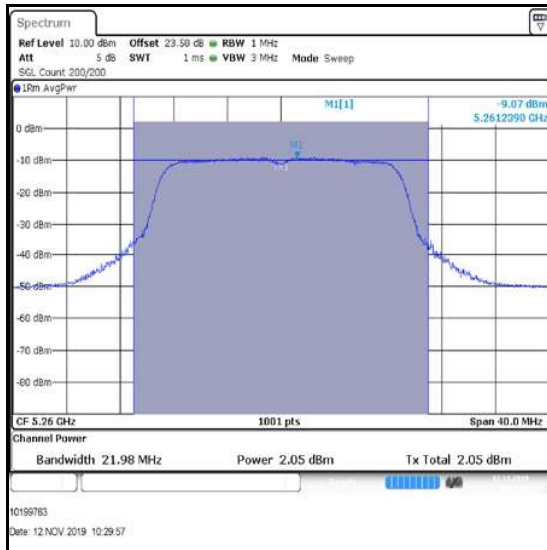
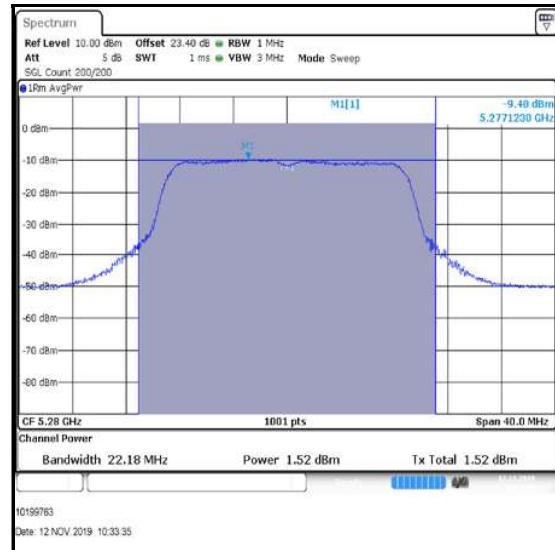
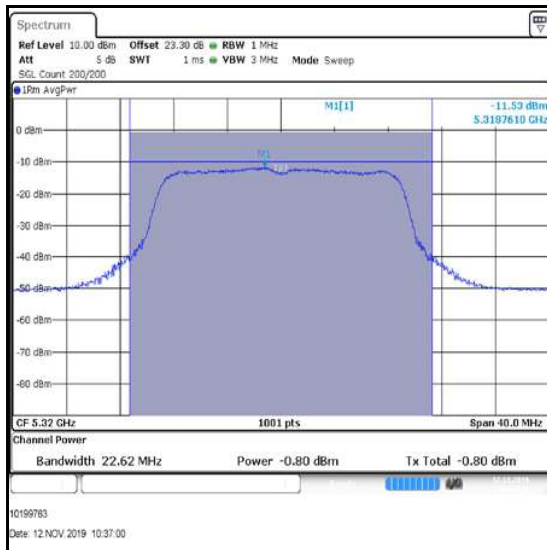
Channel	Frequency (MHz)	Port 1			Port 2		
		Conducted Power (dBm)	Duty Cycle correction factor (dB)	Corrected Conducted Power (dBm)	Conducted Power (dBm)	Duty Cycle correction factor (dB)	Corrected Conducted Power (dBm)
Bottom	5260	0.8	1.9	2.7	2.4	1.9	4.3
Middle	5280	0.7	1.7	2.4	2.4	1.7	4.1
Top	5320	-2.2	2.1	-0.1	-0.2	2.1	1.9

Channel	Frequency (MHz)	Port 3			Port 1, Port 2 & Port 3		
		Conducted Power (dBm)	Duty Cycle correction factor (dB)	Corrected Conducted Power (dBm)	Corrected Conducted Power Port 1 (dBm)	Corrected Conducted Power Port 2 (dBm)	Corrected Conducted Power Port 3 (dBm)
Bottom	5260	2.0	1.9	3.9	2.7	4.3	3.9
Middle	5280	1.5	1.7	3.2	2.4	4.1	3.2
Top	5320	-0.8	2.1	1.3	-0.1	1.9	1.3

Channel	Frequency (MHz)	Combined Conducted Power (dBm)	Limit (dBm)	Margin (dB)	Result
Bottom	5260	8.5	15.8	7.3	Complied
Middle	5280	8.1	15.8	7.7	Complied
Top	5320	5.9	15.8	9.9	Complied

Transmitter Maximum Conducted Output Power (5.25-5.35 GHz band) (continued)**Results: 802.11n / 20 MHz / MIMO / 3Tx CDD / 64-QAM / MCS7 / Port 1 (reference plots)****Bottom Channel****Middle Channel****Top Channel**

Transmitter Maximum Conducted Output Power (5.25-5.35 GHz band) (continued)**Results: 802.11n / 20 MHz / MIMO / 3Tx CDD / 64-QAM / MCS7 / Port 2 (reference plots)****Bottom Channel****Middle Channel****Top Channel**

Transmitter Maximum Conducted Output Power (5.25-5.35 GHz band) (continued)**Results: 802.11n / 20 MHz / MIMO / 3Tx CDD / 64-QAM / MCS7 / Port 3 (reference plots)****Bottom Channel****Middle Channel****Top Channel**

Transmitter Maximum Conducted Output Power (5.47-5.725 GHz band)**4.3.2. 5.47-5.725 GHz band****Test Summary:**

Test Engineer:	Max Passell	Test Dates:	12 September 2019 to 26 November 2019
Test Sample Serial Number:	2405067		

FCC Reference:	Part 15.407(a)(2)
Test Method Used:	KDB 789033 D02 Section II.E.2.d)

Environmental Conditions:

Temperatures (°C):	21 to 24
Relative Humidity (%):	35 to 44

Note(s):

- All configurations supported by the EUT were investigated on one channel. The data rates that produced the highest output power and therefore deemed worst case were:
 - 802.11a SISO – 64-QAM / 48 Mbps / Port 1
 - 802.11n HT20 SISO – 64-QAM / MCS6 / Port 1
 - 802.11n HT40 SISO – 16-QAM / MCS4 / Port 1
 - 802.11ac VHT80 SISO – QPSK / MCS1x1 / Port 1
 - 802.11a MIMO – 64-QAM / 54 Mbps / 2Tx CDD / Ports 1 & 2
 - 802.11n HT20 MIMO – BPSK / MCS0 / 2Tx CDD / Ports 1 & 2
 - 802.11n HT40 MIMO – 64-QAM / MCS7 / 2Tx CDD / Ports 1 & 2
 - 802.11ac VHT80 MIMO – 64-QAM / MCS5x1 / 2Tx CDD / Ports 1 & 2
 - 802.11a MIMO – BPSK / 9 Mbps / 3Tx CDD / Ports 1, 2 & 3
 - 802.11n HT20 MIMO – 16-QAM / MCS3 / 3Tx CDD / Ports 1, 2 & 3
 - 802.11n HT40 MIMO – 64-QAM / MCS5 / 3Tx CDD / Ports 1, 2 & 3
 - 802.11ac VHT80 MIMO – QPSK / MCS1x1 / 3Tx CDD / Ports 1, 2 & 3
 - 802.11a MIMO – QPSK / 12 Mbps / 4Tx CDD / Ports 1, 2, 3 & 4
 - 802.11n HT20 MIMO – QPSK / MCS1 / 4Tx CDD / Ports 1, 2, 3 & 4
 - 802.11n HT40 MIMO – 16-QAM / MCS3 / 4Tx CDD / Ports 1, 2, 3 & 4
 - 802.11ac VHT80 MIMO – 16-QAM / MCS3x1 / 4Tx CDD / Ports 1, 2, 3 & 4
- Measurements were performed in accordance with FCC KDB 789033 II.E.2.d) Method SA-2. The signal analyser's integration function was used to integrate across the 26 dB emission bandwidth. The resolution bandwidth was set to 1 MHz and video bandwidth 3 MHz. An RMS detector was used and sweep time was set to auto and 200 traces performed. The span was set to encompass the entire 26 dB emission bandwidth. The channel power results are recorded in the tables below.
- The calculated duty cycle in Section 4.1 was added to the measured power in order to compute the average power during the actual transmission time.
- For MIMO modes, conducted power was measured on all ports and then combined using the measure-and-sum method stated in FCC KDB 662911 D01 Section E)1).

Transmitter Maximum Conducted Output Power (5.47-5.725 GHz band) (continued)**Note(s) continued:**

5. The signal analyser was connected to the RF port on the EUT using an RF switch, suitable attenuation and RF cable. An RF level offset was entered on the signal analyser to compensate for the loss of the attenuator and RF cable.
6. For details on antenna gains refer to Section 3.4 of this test report.
7. In accordance with FCC KDB 662911 F2)f(i), the array gain for 802.11 devices with $N_{ANT} \leq 4$ is 0 dB. No array gain has been to the measurements in this section.
8. The FCC Part 15.407(a)(2) limit is the lesser of 250 mW (24.0 dBm) or $11 \text{ dBm} + 10 \log_{10} B$, where B is the previously measured 26 dB emission bandwidth in MHz. The limit for each channel was calculated as below:

802.11a / 20 MHz / MIMO / 3Tx CDD / 9 Mbps Bottom channel = $11 \text{ dBm} + 10 \log_{10} 19.700 = 23.9 \text{ dBm}$

802.11a / 20 MHz / MIMO / 3Tx CDD / 9 Mbps Middle channel = $11 \text{ dBm} + 10 \log_{10} 20.100 = 24.0 \text{ dBm}$

802.11a / 20 MHz / MIMO / 3Tx CDD / 9 Mbps Top channel = $11 \text{ dBm} + 10 \log_{10} 19.820 = 24.0 \text{ dBm}$

802.11a / 20 MHz / MIMO / 4Tx CDD / 12 Mbps Bottom channel = $11 \text{ dBm} + 10 \log_{10} 19.620 = 23.9 \text{ dBm}$

802.11a / 20 MHz / MIMO / 4Tx CDD / 12 Mbps Middle channel = $11 \text{ dBm} + 10 \log_{10} 19.540 = 23.9 \text{ dBm}$

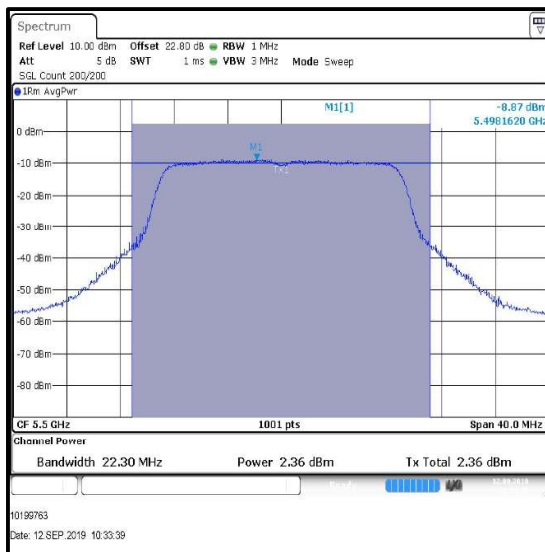
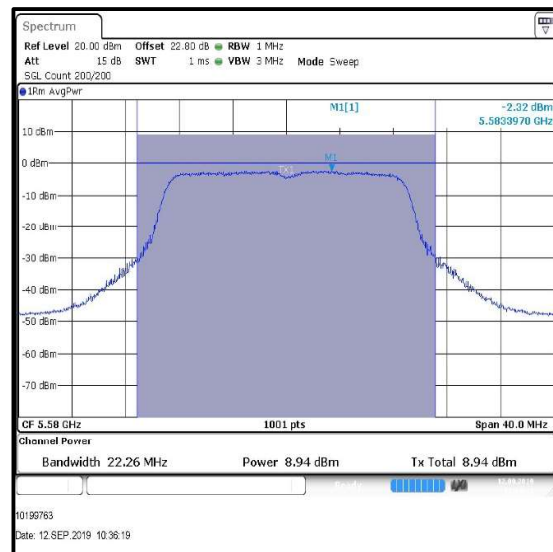
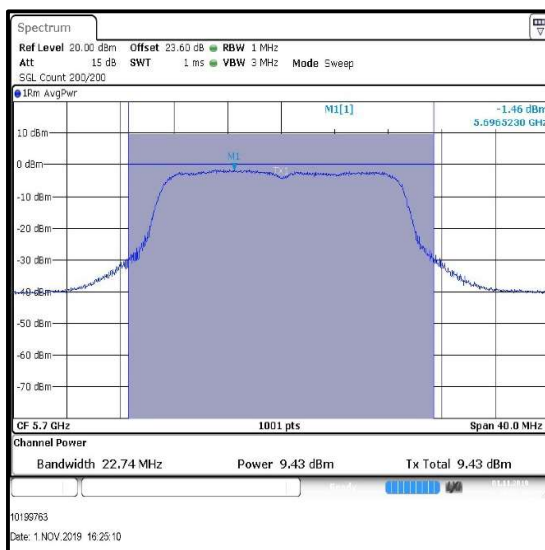
802.11a / 20 MHz / MIMO / 4Tx CDD / 12 Mbps Top channel = $11 \text{ dBm} + 10 \log_{10} 19.580 = 23.9 \text{ dBm}$

For all other modes, the lesser of the two limits is the fixed limit of 250 mW (24.0 dBm).

9. The EUT has an antenna gain of 14.2 dBi. In accordance with Part 15.407(a)(2), the limit shall be reduced by the amount in dB the antenna gain exceeds 6 dBi. Therefore the calculated limits have been reduced by 8.2 dB.
10. Reference plots are included at the end of this section for modes that produced the widest bandwidth.

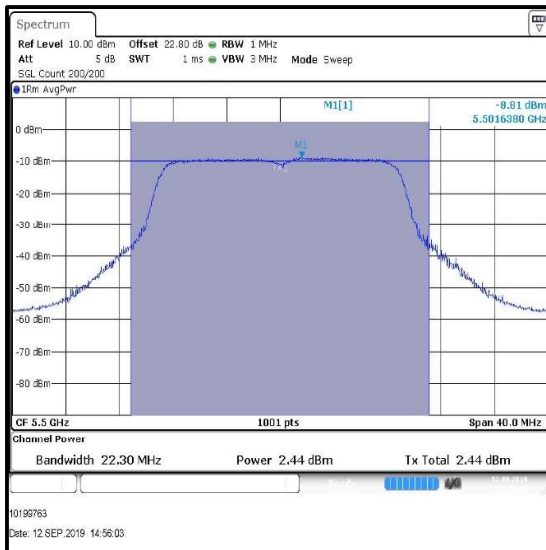
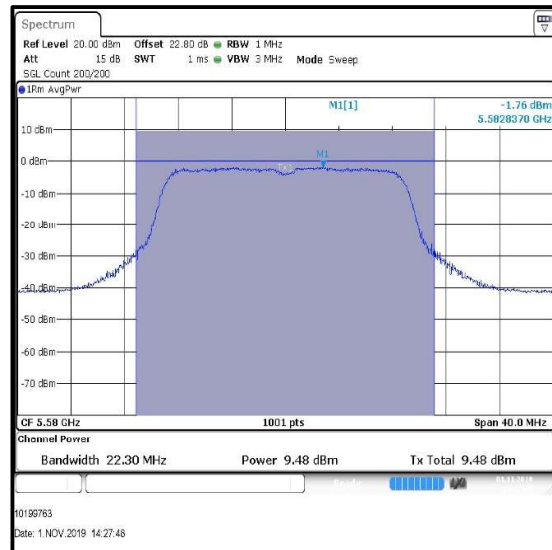
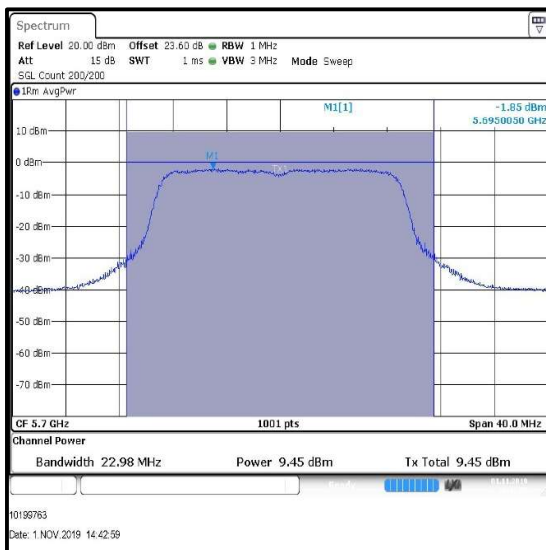
Transmitter Maximum Conducted Output Power (5.47-5.725 GHz band) (continued)**Results: 802.11a / 20 MHz / SISO / 64-QAM / 48 Mbps / Port 1**

Channel	Frequency (MHz)	Conducted Power (dBm)	Duty cycle correction factor (dB)	Corrected Conducted Power (dBm)	Limit (dBm)	Margin (dB)	Result
Bottom	5500	2.4	1.5	3.9	15.8	11.9	Complied
Middle	5580	8.9	1.8	10.7	15.8	5.1	Complied
Top	5700	9.4	1.6	11.0	15.8	4.8	Complied

**Bottom Channel****Middle Channel****Top Channel**

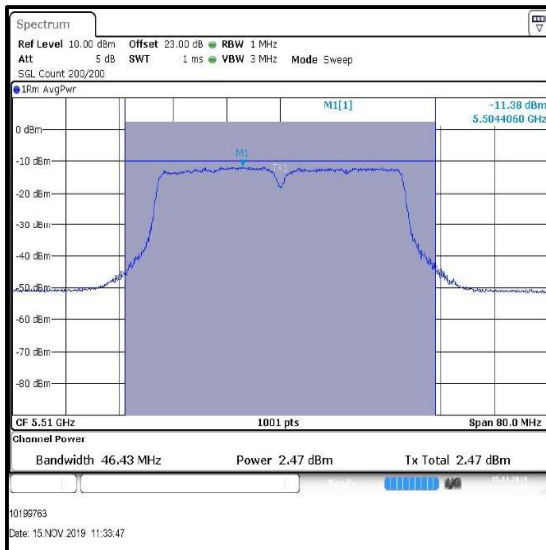
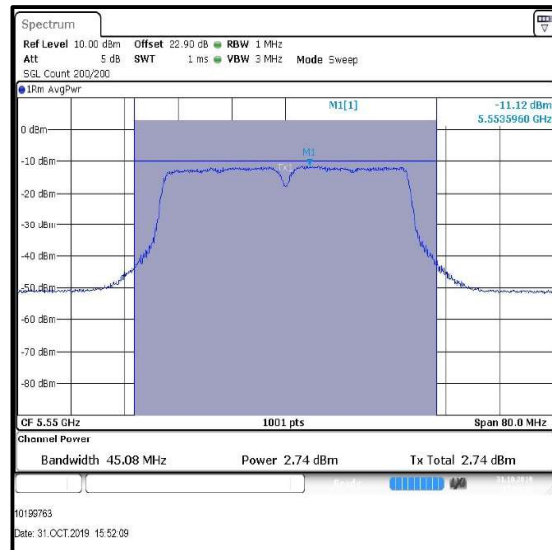
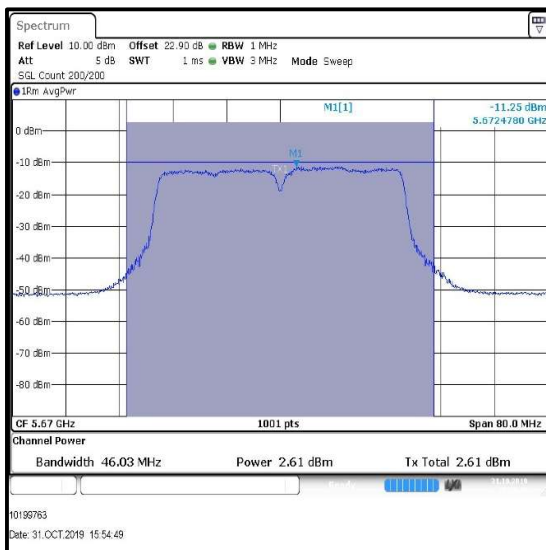
Transmitter Maximum Conducted Output Power (5.47-5.725 GHz band) (continued)**Results: 802.11n / 20 MHz / SISO / 64-QAM / MCS6 / Port 1**

Channel	Frequency (MHz)	Conducted Power (dBm)	Duty cycle correction factor (dB)	Corrected Conducted Power (dBm)	Limit (dBm)	Margin (dB)	Result
Bottom	5500	2.4	1.5	2.4	1.5	3.9	Complied
Middle	5580	9.5	1.6	9.5	1.6	11.1	Complied
Top	5700	9.5	1.5	9.5	1.5	11.0	Complied

**Bottom Channel****Middle Channel****Top Channel**

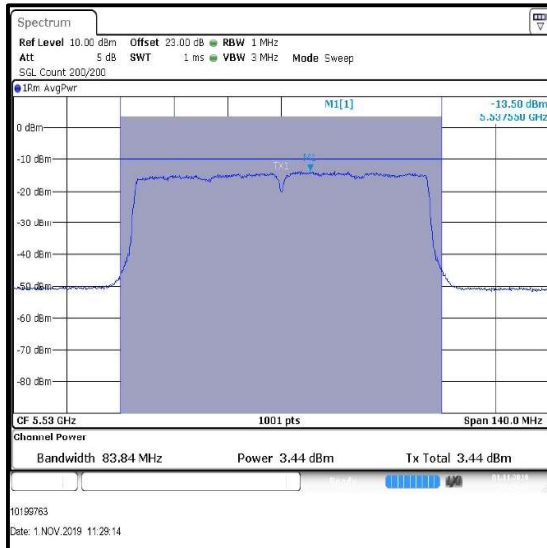
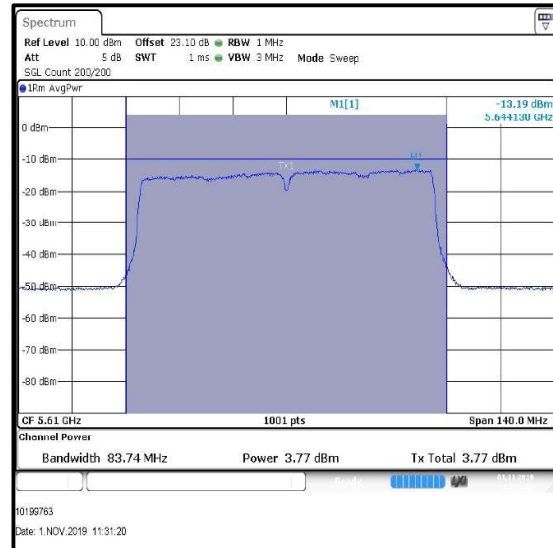
Transmitter Maximum Conducted Output Power (5.47-5.725 GHz band) (continued)**Results: 802.11n / 40 MHz / SISO / 16-QAM / MCS4 / Port 1**

Channel	Frequency (MHz)	Conducted Power (dBm)	Duty cycle correction factor (dB)	Corrected Conducted Power (dBm)	Limit (dBm)	Margin (dB)	Result
Bottom	5510	2.5	2.2	4.7	15.8	11.1	Complied
Middle	5550	2.7	2.1	4.8	15.8	11.0	Complied
Top	5670	2.6	1.9	4.5	15.8	11.3	Complied

**Bottom Channel****Middle Channel****Top Channel**

Transmitter Maximum Conducted Output Power (5.47-5.725 GHz band) (continued)**Results: 802.11ac / 80 MHz / SISO / QPSK / MCS1x1 / Port 1**

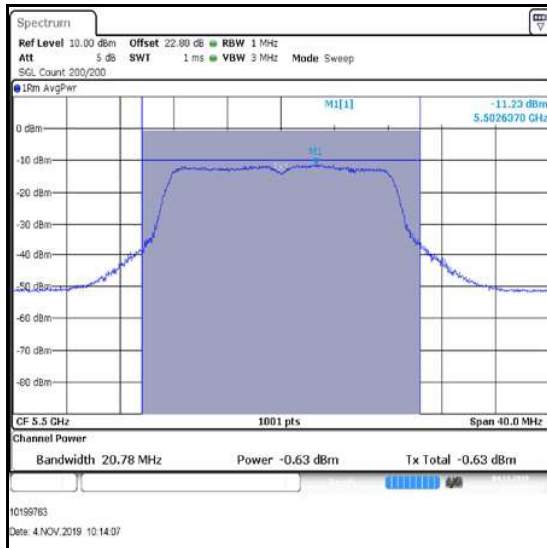
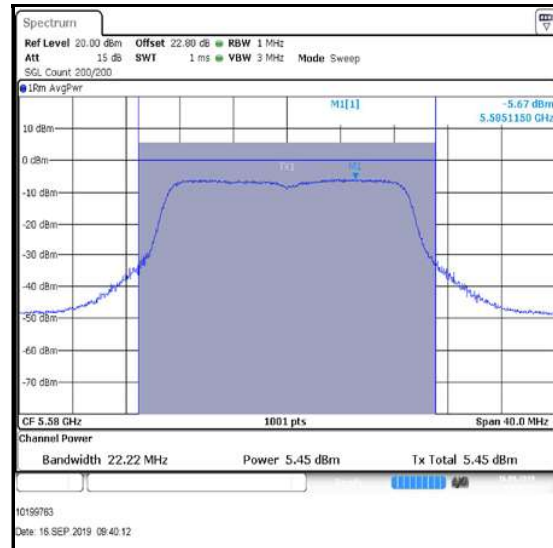
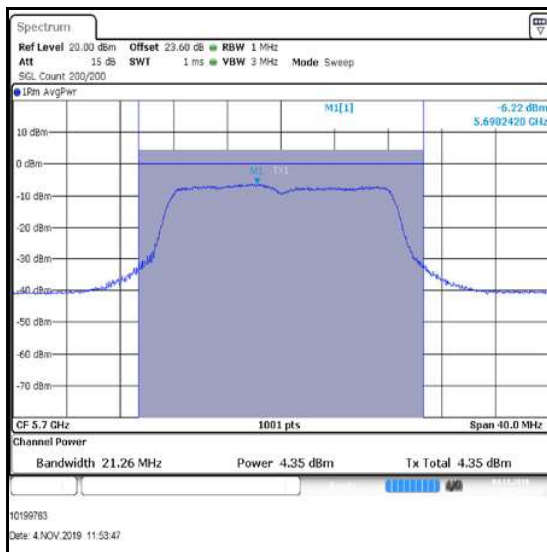
Channel	Frequency (MHz)	Conducted Power (dBm)	Duty cycle correction factor (dB)	Corrected Conducted Power (dBm)	Limit (dBm)	Margin (dB)	Result
Bottom	5530	3.4	1.4	4.8	15.8	11.0	Complied
Top	5610	3.8	1.5	5.3	15.8	10.5	Complied

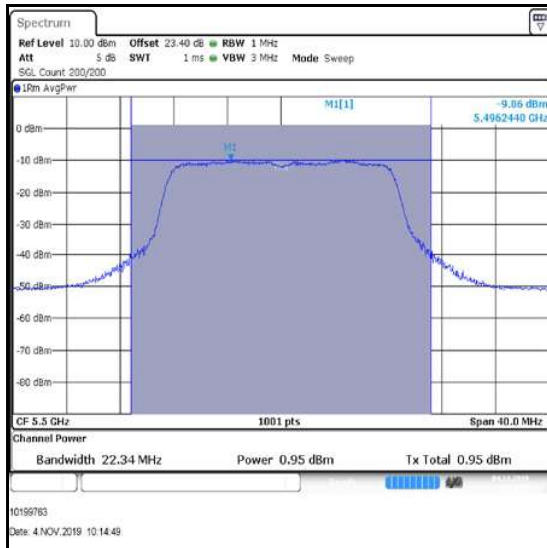
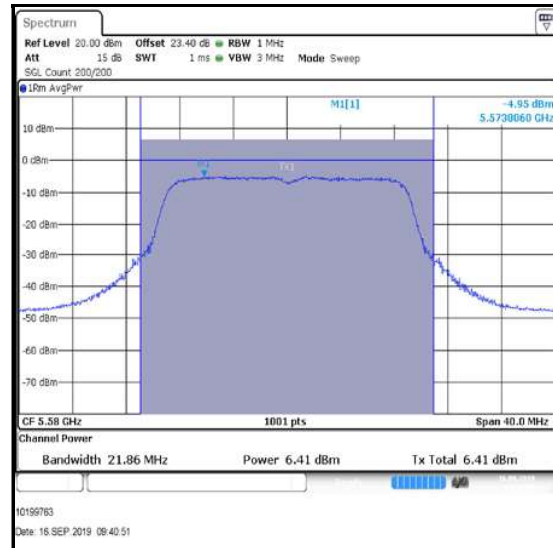
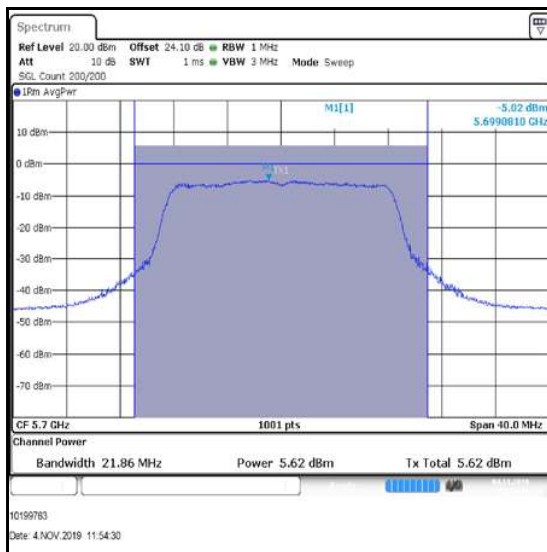
**Bottom Channel****Top Channel**

Transmitter Maximum Conducted Output Power (5.47-5.725 GHz band) (continued)**Results: 802.11a / 20 MHz / MIMO / 2Tx CDD / 64-QAM / 54 Mbps**

Channel	Frequency (MHz)	Port 1			Port 2		
		Conducted Power (dBm)	Duty Cycle correction factor (dB)	Corrected Conducted Power (dBm)	Conducted Power (dBm)	Duty Cycle correction factor (dB)	Corrected Conducted Power (dBm)
Bottom	5500	-0.6	1.7	1.1	0.9	1.7	2.6
Middle	5580	5.5	1.7	7.2	6.4	1.7	8.1
Top	5700	4.4	1.6	6.0	5.6	1.6	7.2

Channel	Frequency (MHz)	Corrected Conducted Power Port 1 (dBm)	Corrected Conducted Power Port 2 (dBm)	Combined Conducted Power (dBm)	Limit (dBm)	Margin (dB)	Result
Bottom	5500	1.1	2.6	4.9	15.8	10.9	Complied
Middle	5580	7.2	8.1	10.7	15.8	5.1	Complied
Top	5700	6.0	7.2	9.7	15.8	6.1	Complied

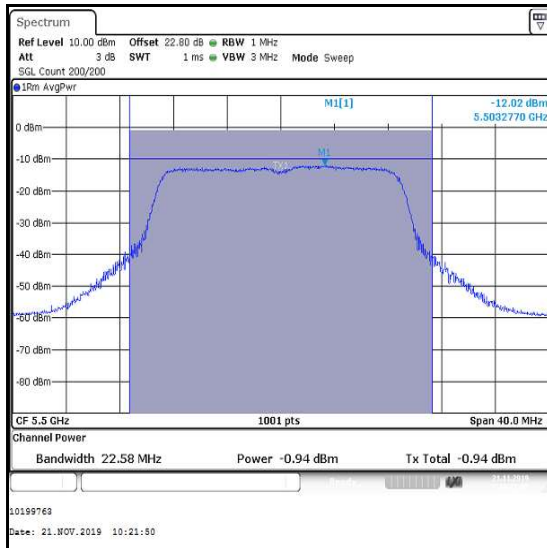
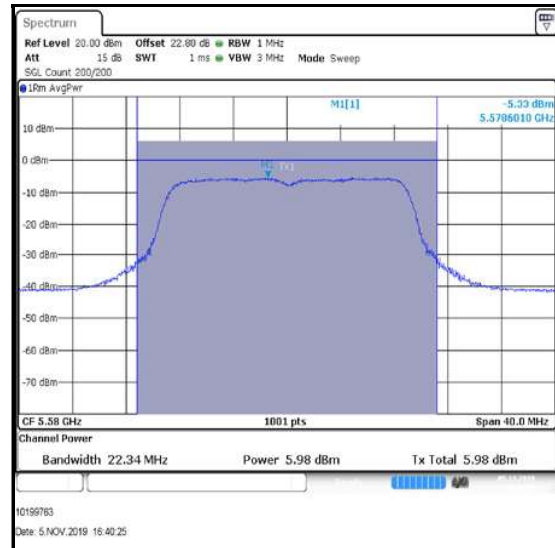
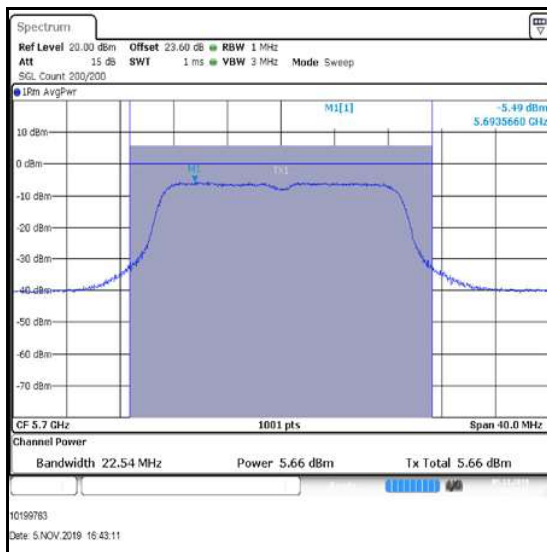
Transmitter Maximum Conducted Output Power (5.47-5.725 GHz band) (continued)**Results: 802.11a / 20 MHz / MIMO / 2Tx CDD / 64-QAM / 54 Mbps / Port 1****Bottom Channel****Middle Channel****Top Channel**

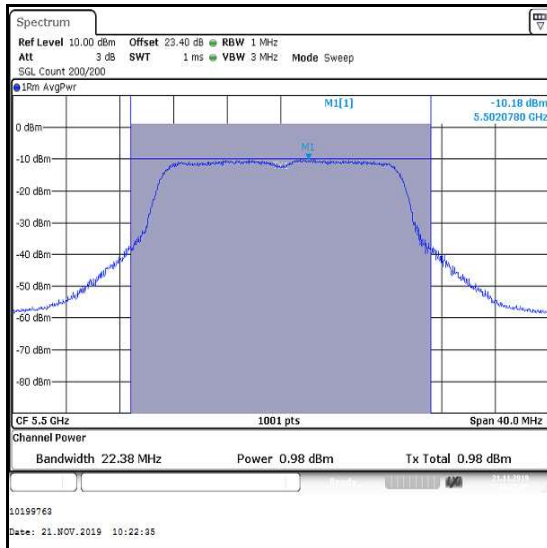
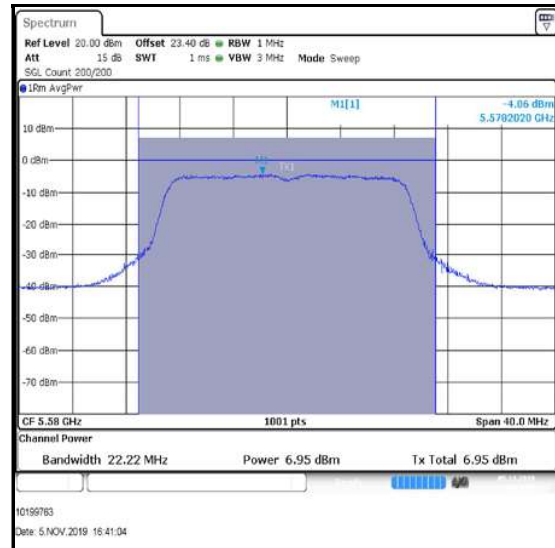
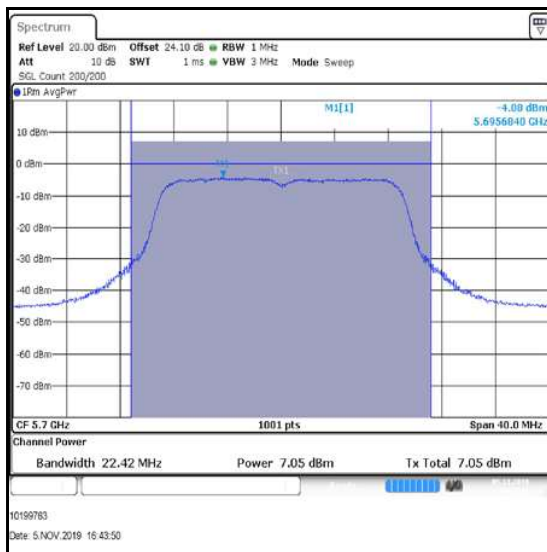
Transmitter Maximum Conducted Output Power (5.47-5.725 GHz band) (continued)**Results: 802.11a / 20 MHz / MIMO / 2Tx CDD / 64-QAM / 54 Mbps / Port 2****Bottom Channel****Middle Channel****Top Channel**

Transmitter Maximum Conducted Output Power (5.47-5.725 GHz band) (continued)**Results: 802.11n / 20 MHz / MIMO / 2Tx CDD / BPSK / MCS0**

Channel	Frequency (MHz)	Port 1			Port 2		
		Conducted Power (dBm)	Duty Cycle correction factor (dB)	Corrected Conducted Power (dBm)	Conducted Power (dBm)	Duty Cycle correction factor (dB)	Corrected Conducted Power (dBm)
Bottom	5500	-0.9	1.7	0.8	1.0	1.7	2.7
Middle	5580	6.0	1.4	7.4	7.0	1.4	8.4
Top	5700	5.7	1.5	7.2	7.0	1.5	8.5

Channel	Frequency (MHz)	Corrected Conducted Power Port 1 (dBm)	Corrected Conducted Power Port 2 (dBm)	Combined Conducted Power (dBm)	Limit (dBm)	Margin (dB)	Result
Bottom	5500	0.8	2.7	4.9	15.8	10.9	Complied
Middle	5580	7.4	8.4	10.9	15.8	4.9	Complied
Top	5700	7.2	8.5	10.9	15.8	4.9	Complied

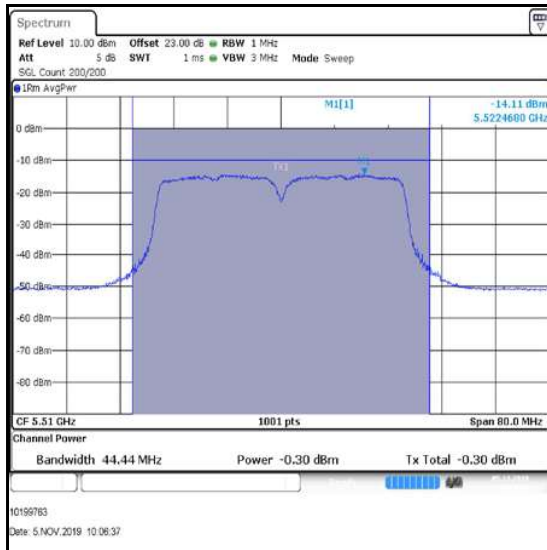
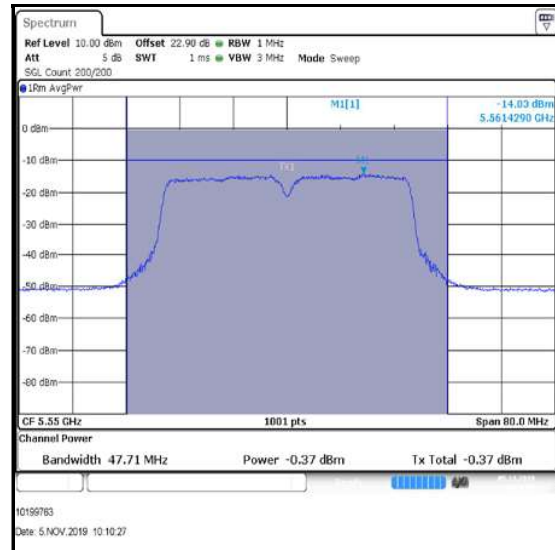
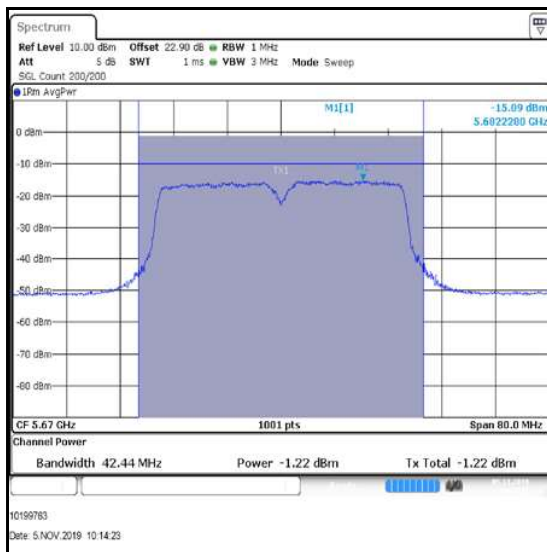
Transmitter Maximum Conducted Output Power (5.47-5.725 GHz band) (continued)**Results: 802.11n / 20 MHz / MIMO / 2Tx CDD / BPSK / MCS0 / Port 1****Bottom Channel****Middle Channel****Top Channel**

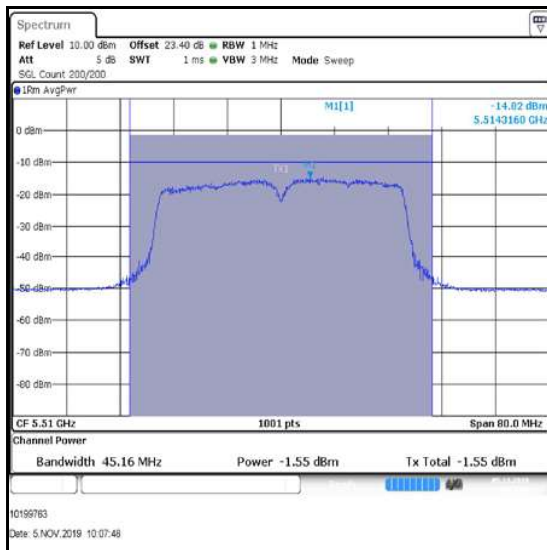
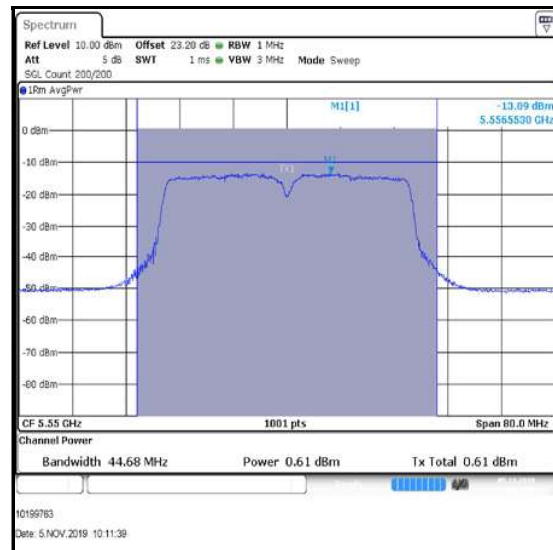
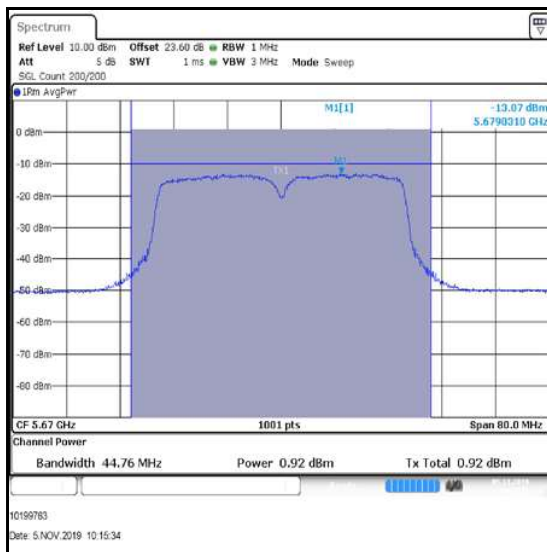
Transmitter Maximum Conducted Output Power (5.47-5.725 GHz band) (continued)**Results: 802. 11n / 20 MHz / MIMO / 2Tx CDD / BPSK / MCS0 / Port 2****Bottom Channel****Middle Channel****Top Channel**

Transmitter Maximum Conducted Output Power (5.47-5.725 GHz band) (continued)**Results: 802.11n / 40 MHz / MIMO / 2Tx CDD / 64-QAM / MCS7**

Channel	Frequency (MHz)	Port 1			Port 2		
		Conducted Power (dBm)	Duty Cycle correction factor (dB)	Corrected Conducted Power (dBm)	Conducted Power (dBm)	Duty Cycle correction factor (dB)	Corrected Conducted Power (dBm)
Bottom	5510	-0.3	2.2	1.9	-1.6	2.2	0.6
Middle	5550	-0.4	2.0	1.6	0.6	2.0	2.6
Top	5670	-1.2	2.1	0.9	0.9	2.1	3.0

Channel	Frequency (MHz)	Corrected Conducted Power Port 1 (dBm)	Corrected Conducted Power Port 2 (dBm)	Combined Conducted Power (dBm)	Limit (dBm)	Margin (dB)	Result
Bottom	5510	1.9	0.6	4.3	15.8	11.5	Complied
Middle	5550	1.6	2.6	5.1	15.8	10.7	Complied
Top	5670	0.9	3.0	5.1	15.8	10.7	Complied

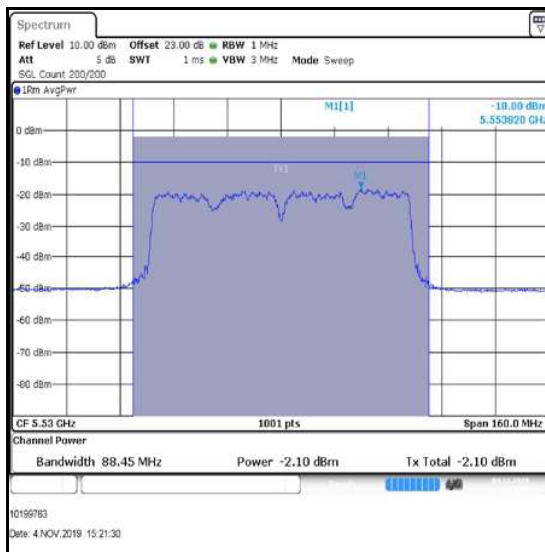
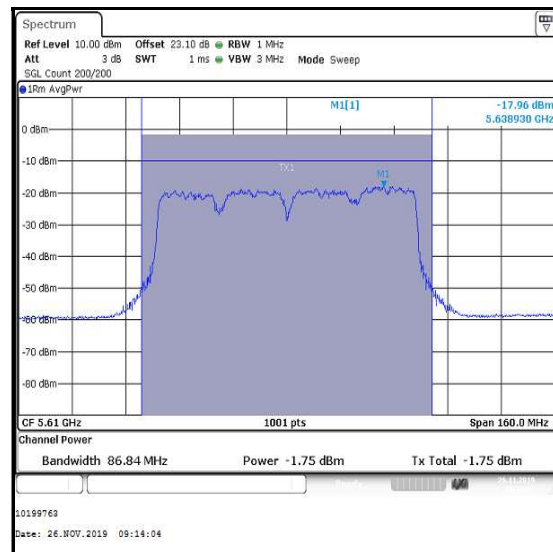
Transmitter Maximum Conducted Output Power (5.47-5.725 GHz band) (continued)**Results: 802.11n / 40 MHz / MIMO / 2Tx CDD / 64-QAM / MCS7 / Port 1****Bottom Channel****Middle Channel****Top Channel**

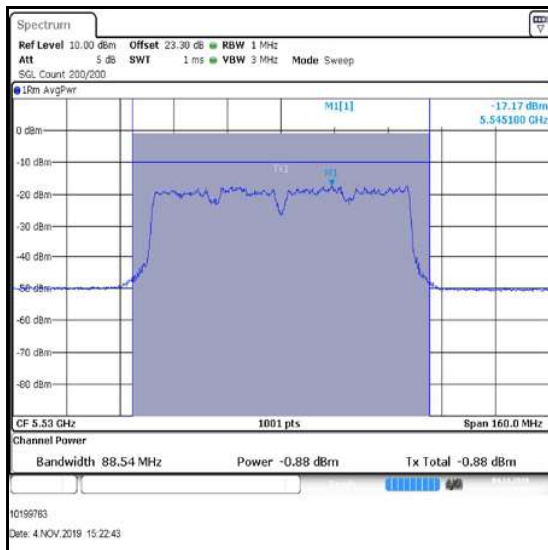
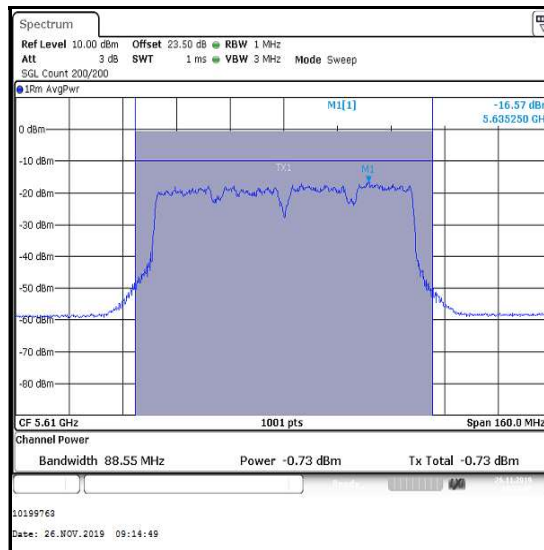
Transmitter Maximum Conducted Output Power (5.47-5.725 GHz band) (continued)**Results: 802.11n / 40 MHz / MIMO / 2Tx CDD / 64-QAM / MCS7 / Port 2****Bottom Channel****Middle Channel****Top Channel**

Transmitter Maximum Conducted Output Power (5.47-5.725 GHz band) (continued)**Results: 802.11ac / 80 MHz / MIMO / 2Tx CDD / 64-QAM / MCS5x1**

Channel	Frequency (MHz)	Port 1			Port 2		
		Conducted Power (dBm)	Duty Cycle correction factor (dB)	Corrected Conducted Power (dBm)	Conducted Power (dBm)	Duty Cycle correction factor (dB)	Corrected Conducted Power (dBm)
Bottom	5530	-2.1	3.4	1.3	-0.9	3.4	2.5
Top	5610	-1.7	3.2	1.5	-0.7	3.2	2.5

Channel	Frequency (MHz)	Conducted Power Port 1 (dBm)	Conducted Power Port 2 (dBm)	Combined Conducted Power (dBm)	Limit (dBm)	Margin (dB)	Result
Bottom	5530	1.3	2.5	5.0	15.8	10.8	Complied
Top	5610	1.5	2.5	5.0	15.8	10.8	Complied

Results: 802.11ac / 80 MHz / MIMO / 2Tx CDD / 64-QAM / MCS5x1 / Port 1**Bottom Channel****Top Channel**

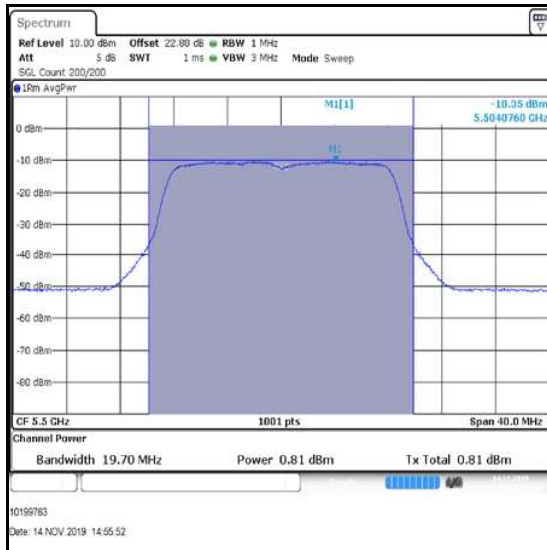
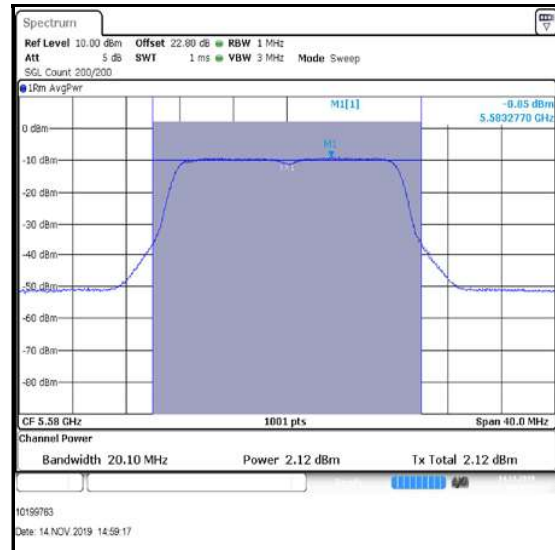
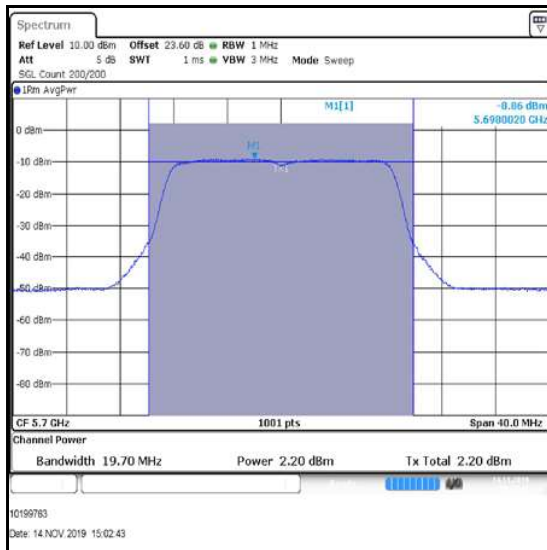
Transmitter Maximum Conducted Output Power (5.47-5.725 GHz band) (continued)**Results: 802.11ac / 80 MHz / MIMO / 2Tx CDD / 64-QAM / MCS5x1 / Port 2****Bottom Channel****Top Channel**

Transmitter Maximum Conducted Output Power (5.47-5.725 GHz band) (continued)**Results: 802.11a / 20 MHz / MIMO / 3Tx CDD / BPSK / 9 Mbps**

Channel	Frequency (MHz)	Port 1			Port 2		
		Conducted Power (dBm)	Duty Cycle correction factor (dB)	Corrected Conducted Power (dBm)	Conducted Power (dBm)	Duty Cycle correction factor (dB)	Corrected Conducted Power (dBm)
Bottom	5500	0.8	0.4	1.2	2.6	0.4	3.0
Middle	5580	2.1	0.3	2.4	3.2	0.3	3.5
Top	5700	2.2	0.5	2.7	4.1	0.5	4.6

Channel	Frequency (MHz)	Port 3			Port 1, Port 2 & Port 3		
		Conducted Power (dBm)	Duty Cycle correction factor (dB)	Corrected Conducted Power (dBm)	Corrected Conducted Power Port 1 (dBm)	Corrected Conducted Power Port 2 (dBm)	Corrected Conducted Power Port 3 (dBm)
Bottom	5500	1.9	0.4	2.3	1.2	3.0	2.3
Middle	5580	3.3	0.3	3.6	2.4	3.5	3.6
Top	5700	3.9	0.5	4.4	2.7	4.6	4.4

Channel	Frequency (MHz)	Combined Conducted Power (dBm)	Limit (dBm)	Margin (dB)	Result
Bottom	5500	7.0	15.7	8.7	Complied
Middle	5580	8.0	15.8	7.8	Complied
Top	5700	8.8	15.7	6.9	Complied

Transmitter Maximum Conducted Output Power (5.47-5.725 GHz band) (continued)**Results: 802.11a / 20 MHz / MIMO / 3Tx CDD / BPSK / 9 Mbps / Port 1****Bottom Channel****Middle Channel****Top Channel**