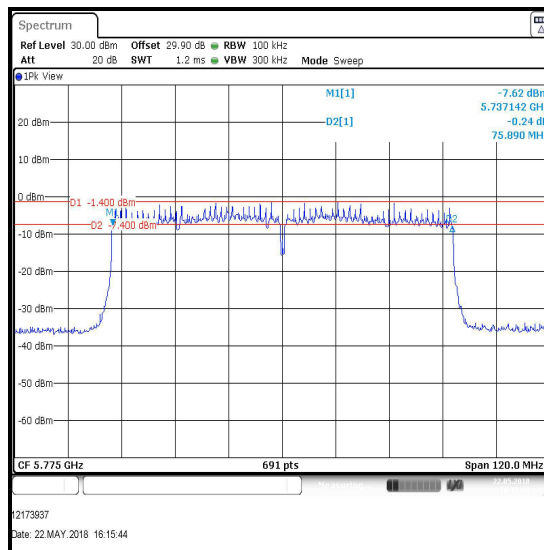


Transmitter Minimum 6 dB Bandwidth (5.725-5.85 GHz band) (continued)**Results: 802.11ac / 80 MHz / MIMO / 3Tx TxBF / BPSK / MCS0 / Port WF3**

Channel	6 dB Bandwidth (kHz)	Limit (kHz)	Margin (kHz)	Result
Single	75890	≥500	75390	Complied

**Single Channel**

4.4. Transmitter Maximum Conducted Output Power

4.4.1. 5.15-5.25 GHz band

Test Summary:

Test Engineers:	Max Passell & Andrew Edwards	Test Dates:	23 April 2018 to 24 May 2018
Test Sample Serial Numbers:	C02VQ00SJKHY & C02W6002JTF0		

FCC Reference:	Part 15.407(a)(1)(iv)
Test Method Used:	KDB 789033 D02 Section II.E.2.b) and II.E.2.d)

Environmental Conditions:

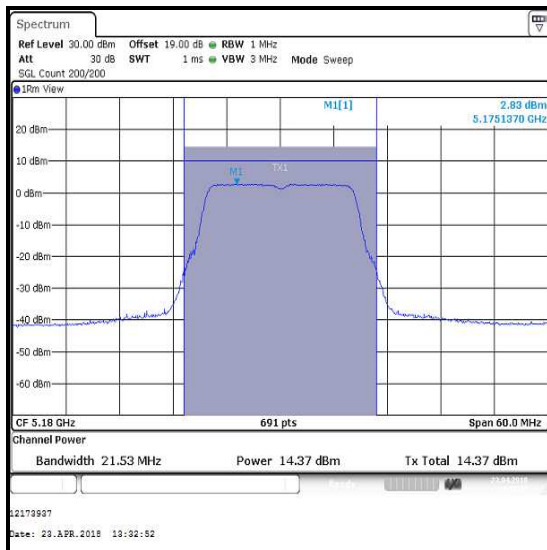
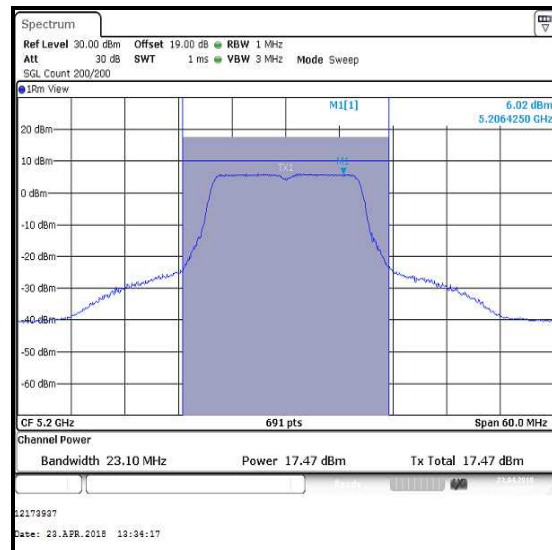
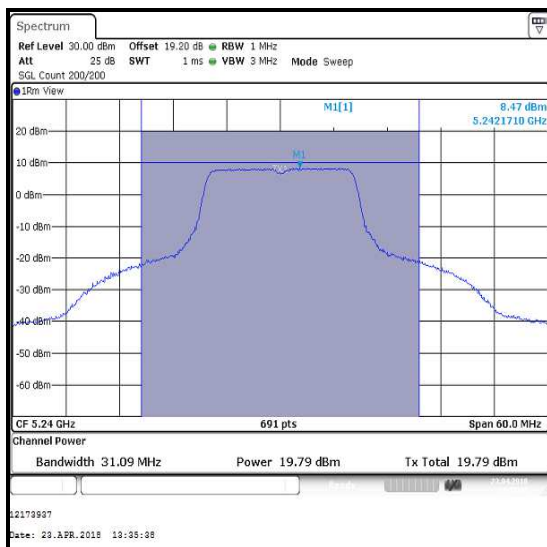
Temperature (°C):	23 to 25
Relative Humidity (%):	30 to 42

Note(s):

- For conducted power tests where the duty cycle is >98%, the measurements were performed using a signal analyser in accordance with FCC KDB 789033 II.E.2.b) Method SA-1. Where the duty cycle is <98%, the 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.
- Measurements were performed using configurations detailed in Section 3.5 of this test report on the relevant channels.
- For data rates where the EUT was transmitting at <98% duty cycle, 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.
- The Part 15.407(a)(1)(iv) limit shall not exceed 250 mW (24.0 dBm).
- For MIMO modes, conducted power was measured on both ports and then combined using the measure-and-sum method stated in FCC KDB 662911 D01 Section E)1).
- For all SISO, MIMO CDD and MIMO STBC modes of operation, the antenna gain is < 6 dBi.
- For 2Tx TxBF modes of operation presented in this section of the test report, the EUT has a directional antenna gain of 8.6 dBi. In accordance with Part 15.407(a)(1)(iv), the limit was reduced by the amount in dB the antenna gain exceeds 6 dBi. Therefore the limit of 24.0 dBm has been reduced by 2.6 dB to 21.4 dBm.
- For 3Tx TxBF modes of operation presented in this section of the test report, the EUT has a directional antenna gain of 10.3 dBi. In accordance with Part 15.407(a)(1)(iv), the limit was reduced by the amount in dB the antenna gain exceeds 6 dBi. Therefore the limit of 24.0 dBm has been reduced by 4.3 dB to 19.7 dBm.
- For details on antenna gains refer to Section 3.4 of this test report.
- 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.
- The EUT with serial number C02VQ00SJKHY was used for non-TxBF tests, the EUT with serial number C02W6002JTF0 was used for TxBF tests.

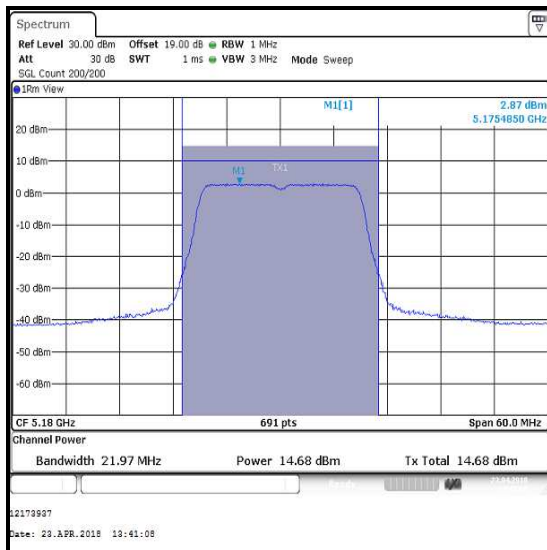
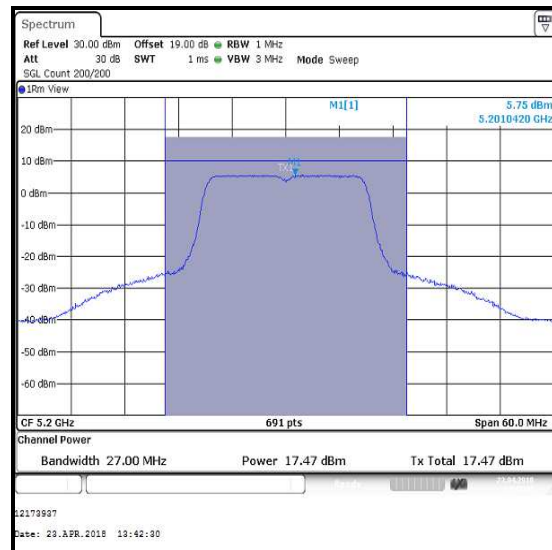
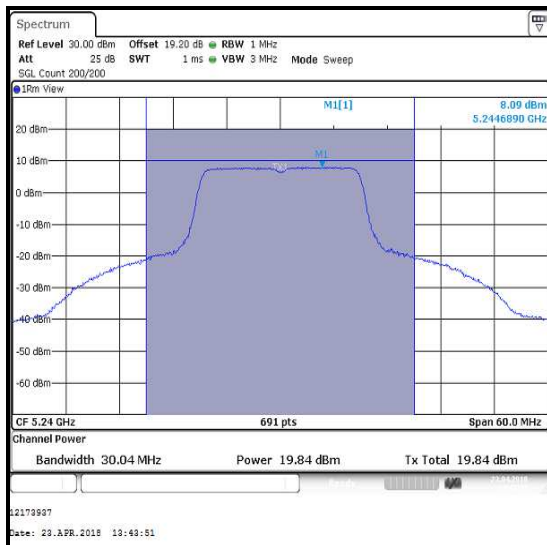
Transmitter Maximum Conducted Output Power (5.15-5.25 GHz band) (continued)**Results: 802.11a / 20 MHz / SISO / BPSK / 6 Mbps / Port WF1**

Channel	Frequency (MHz)	Conducted Power (dBm)	Limit (dBm)	Margin (dB)	Result
Bottom	5180	14.4	24.0	9.6	Complied
Middle	5200	17.5	24.0	6.5	Complied
Top	5240	19.8	24.0	4.2	Complied

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

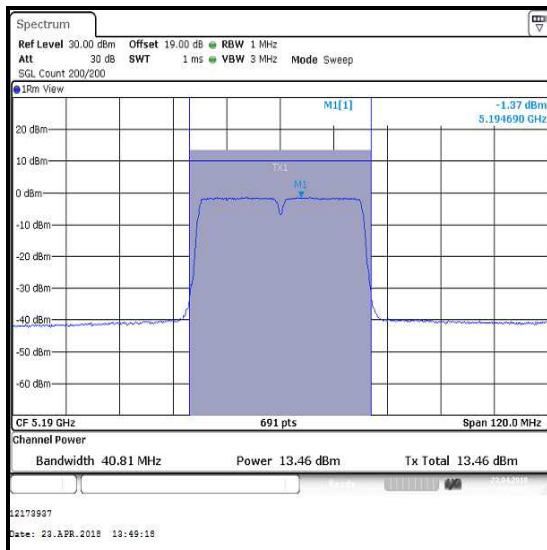
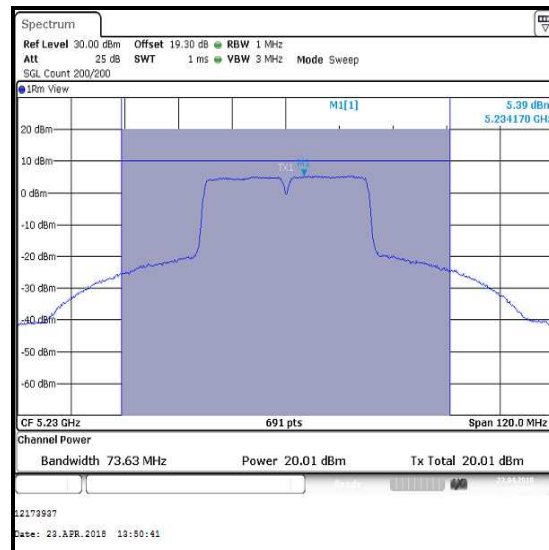
Transmitter Maximum Conducted Output Power (5.15-5.25 GHz band) (continued)**Results: 802.11n / 20 MHz / SISO / BPSK / MCS0 / Port WF1**

Channel	Frequency (MHz)	Conducted Power (dBm)	Limit (dBm)	Margin (dB)	Result
Bottom	5180	14.7	24.0	9.3	Complied
Middle	5200	17.5	24.0	6.5	Complied
Top	5240	19.8	24.0	4.2	Complied

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

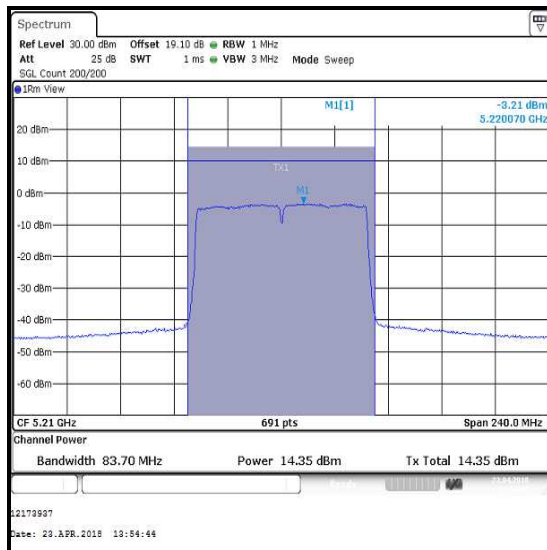
Transmitter Maximum Conducted Output Power (5.15-5.25 GHz band) (continued)**Results: 802.11n / 40 MHz / SISO / BPSK / MCS0 / Port WF1**

Channel	Frequency (MHz)	Conducted Power (dBm)	Duty cycle correction factor (dB)	Corrected Conducted Power (dBm)	Limit (dBm)	Margin (dB)	Result
Bottom	5190	13.5	0.1	13.6	24.0	10.4	Complied
Top	5230	20.0	0.1	20.1	24.0	3.9	Complied

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

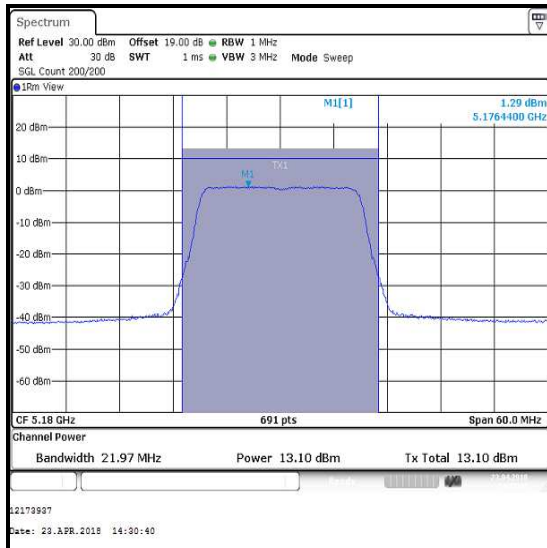
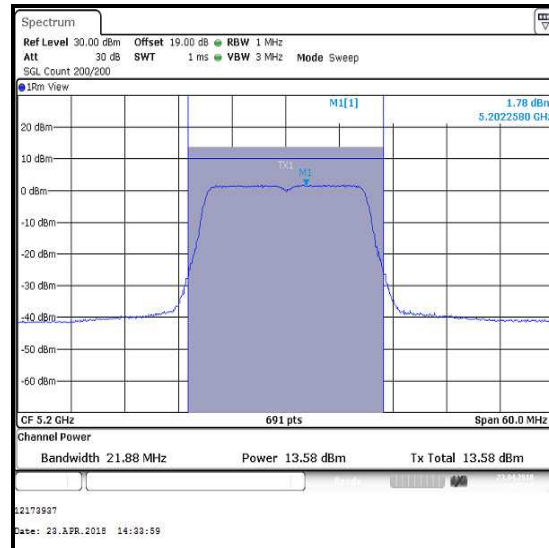
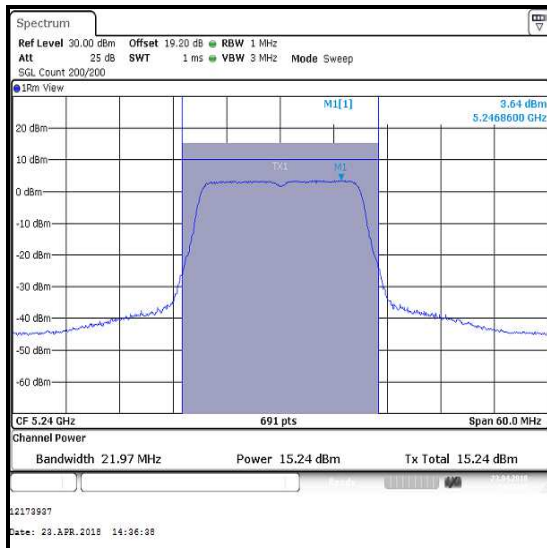
Transmitter Maximum Conducted Output Power (5.15-5.25 GHz band) (continued)**Results: 802.11ac / 80 MHz / SISO / BPSK / MCS0 / Port WF1**

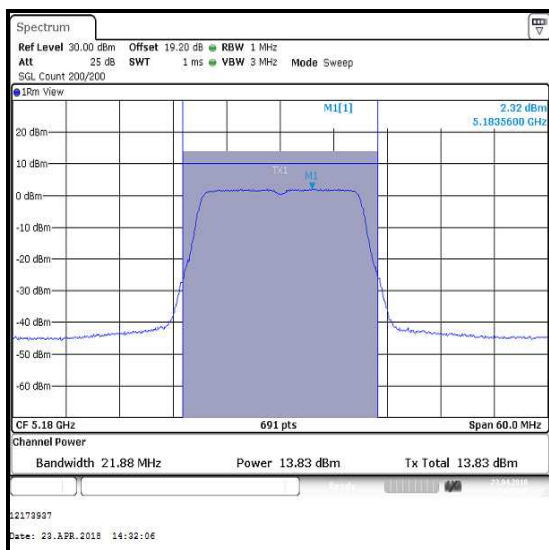
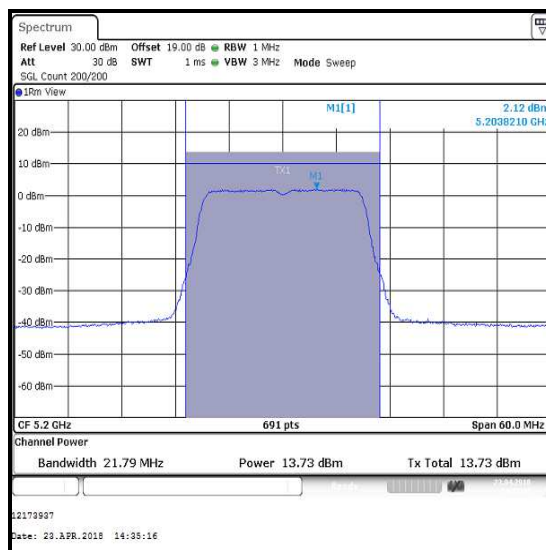
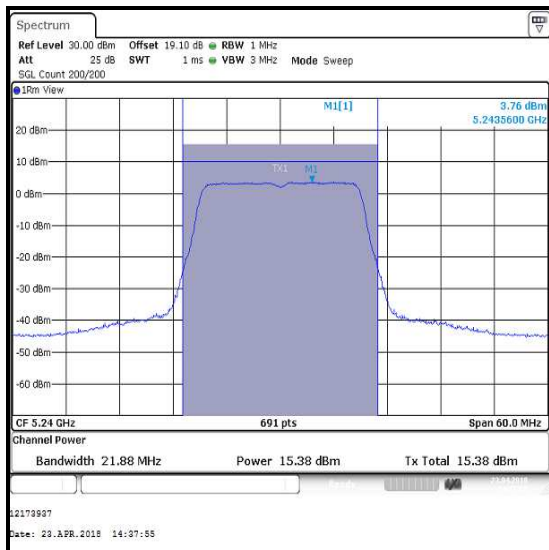
Channel	Frequency (MHz)	Conducted Power (dBm)	Duty cycle correction factor (dB)	Corrected Conducted Power (dBm)	Limit (dBm)	Margin (dB)	Result
Single	5210	14.4	0.2	14.6	24.0	9.4	Complied

**Single Channel**

Transmitter Maximum Conducted Output Power (5.15-5.25 GHz band) (continued)**Results: 802.11n / 20 MHz / MIMO / 2Tx CDD / BPSK / MCS0**

Channel	Frequency (MHz)	Conducted Power Port WF1 (dBm)	Conducted Power Port WF3 (dBm)	Combined Conducted Power (dBm)	Limit (dBm)	Margin (dB)	Result
Bottom	5180	13.1	13.8	16.5	24.0	7.5	Complied
Middle	5200	13.6	13.7	16.7	24.0	7.3	Complied
Top	5240	15.2	15.4	18.3	24.0	5.7	Complied

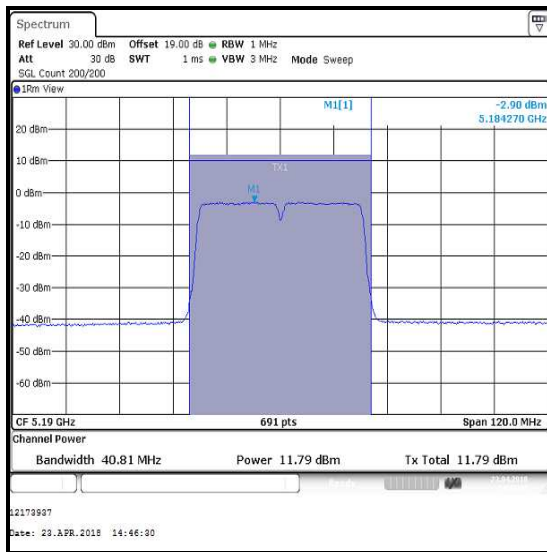
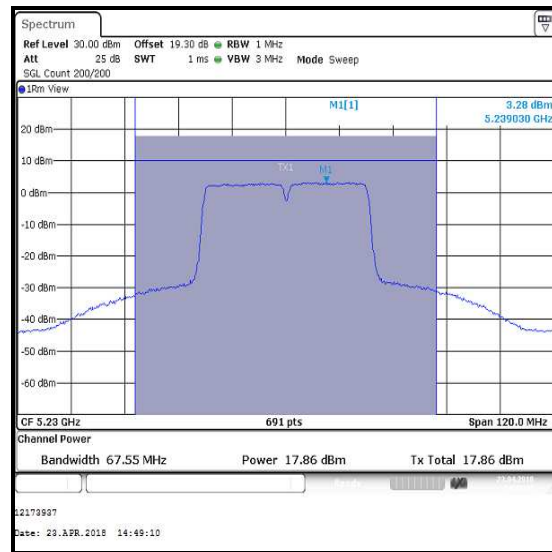
Results: 802.11n / 20 MHz / MIMO / 2Tx CDD / BPSK / MCS0 / Port WF1**Bottom Channel****Middle Channel****Top Channel**

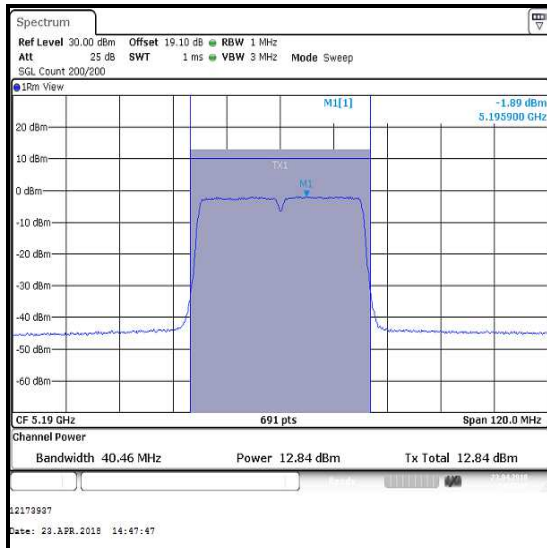
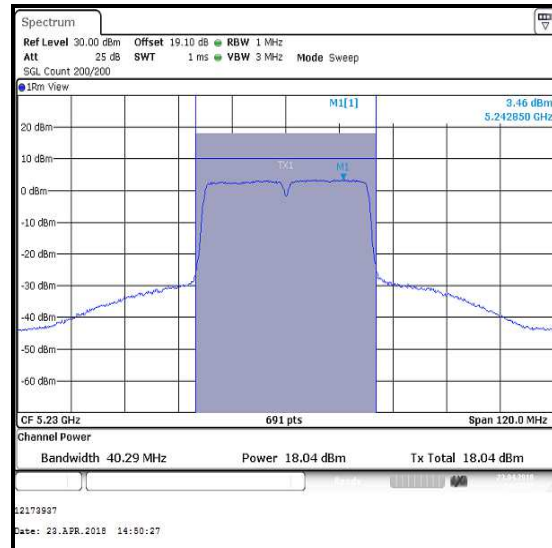
Transmitter Maximum Conducted Output Power (5.15-5.25 GHz band) (continued)**Results: 802.11n / 20 MHz / MIMO / 2Tx CDD / BPSK / MCS0 / Port WF3****Bottom Channel****Middle Channel****Top Channel**

Transmitter Maximum Conducted Output Power (5.15-5.25 GHz band) (continued)**Results: 802.11n / 40 MHz / MIMO / 2Tx CDD / BPSK / MCS0**

Channel	Frequency (MHz)	Port WF1			Port WF3		
		Conducted Power (dBm)	Duty Cycle correction (dB)	Corrected Conducted Power (dBm)	Conducted Power (dBm)	Duty Cycle correction (dB)	Corrected Conducted Power (dBm)
Bottom	5190	11.8	0.1	11.9	12.8	0.1	12.9
Top	5230	17.9	0.1	18.0	18.0	0.1	18.1

Channel	Frequency (MHz)	Corrected Conducted Power Port WF1 (dBm)	Corrected Conducted Power Port WF3 (dBm)	Combined Conducted Power (dBm)	Limit (dBm)	Margin (dB)	Result
Bottom	5190	11.9	12.9	15.4	24.0	8.6	Complied
Top	5230	18.0	18.1	21.1	24.0	2.9	Complied

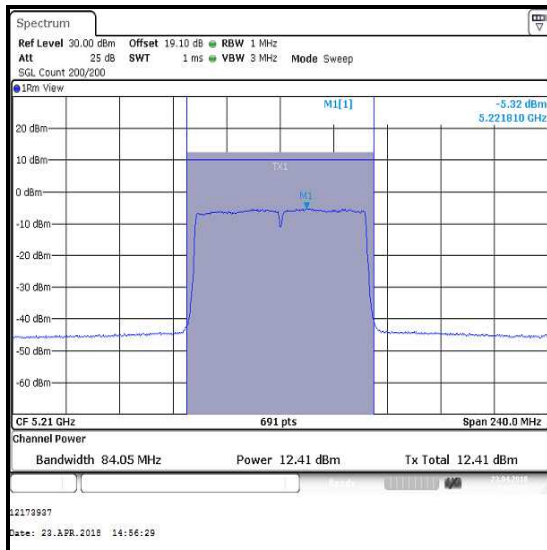
Results: 802.11n / 40 MHz / MIMO / 2Tx CDD / BPSK / MCS0 / Port WF1**Bottom Channel****Top Channel**

Transmitter Maximum Conducted Output Power (5.15-5.25 GHz band) (continued)**Results: 802.11n / 40 MHz / MIMO / 2Tx CDD / BPSK / MCS0 / Port WF3****Bottom Channel****Top Channel**

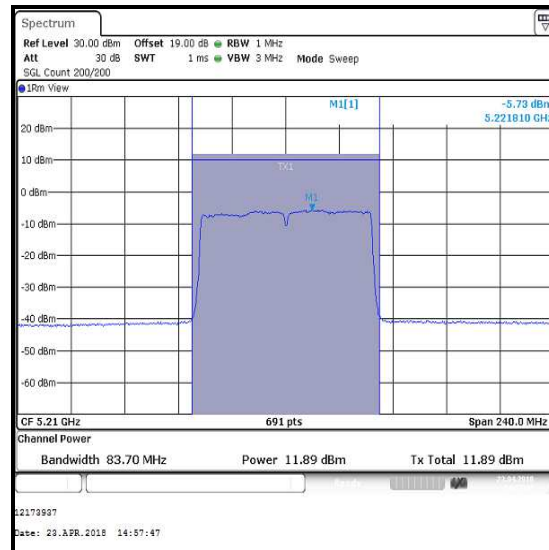
Transmitter Maximum Conducted Output Power (5.15-5.25 GHz band) (continued)**Results: 802.11ac / 80 MHz / MIMO / 2Tx CDD / BPSK / MCS0**

Channel	Frequency (MHz)	Port WF1			Port WF3		
		Conducted Power (dBm)	Duty Cycle correction (dB)	Corrected Conducted Power (dBm)	Conducted Power (dBm)	Duty Cycle correction (dB)	Corrected Conducted Power (dBm)
Single	5210	12.4	0.2	12.6	11.9	0.2	12.1

Channel	Frequency (MHz)	Corrected Conducted Power Port WF1 (dBm)	Corrected Conducted Power Port WF3 (dBm)	Combined Conducted Power (dBm)	Limit (dBm)	Margin (dB)	Result
Single	5210	12.6	12.1	15.4	24.0	8.6	Complied



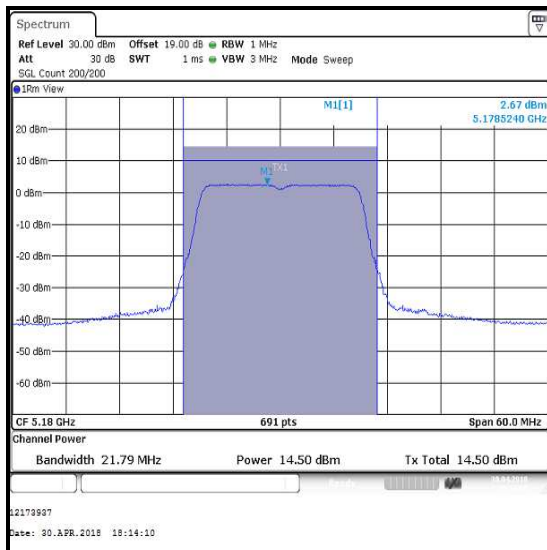
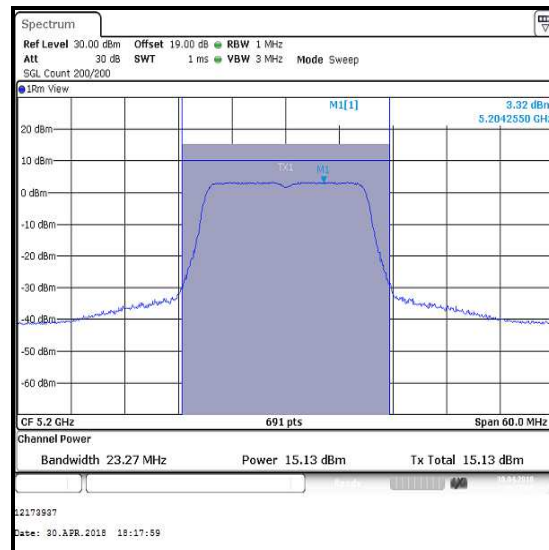
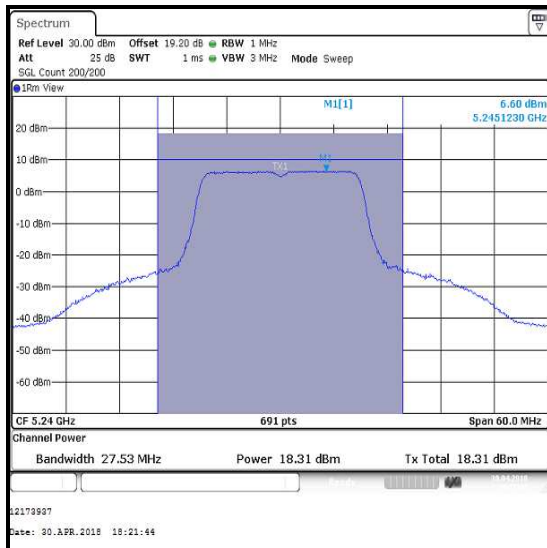
Single Channel / Port WF1

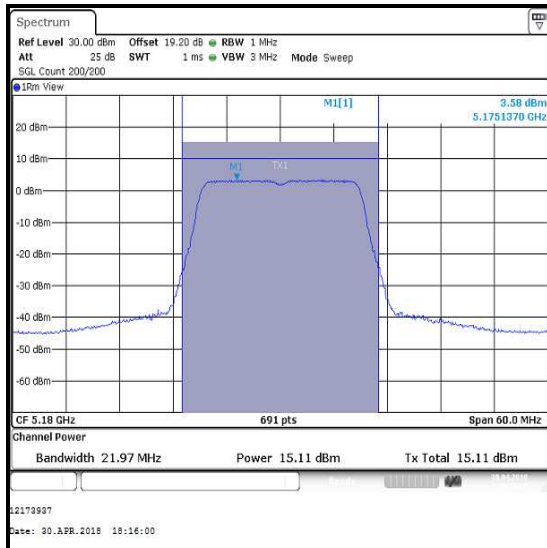
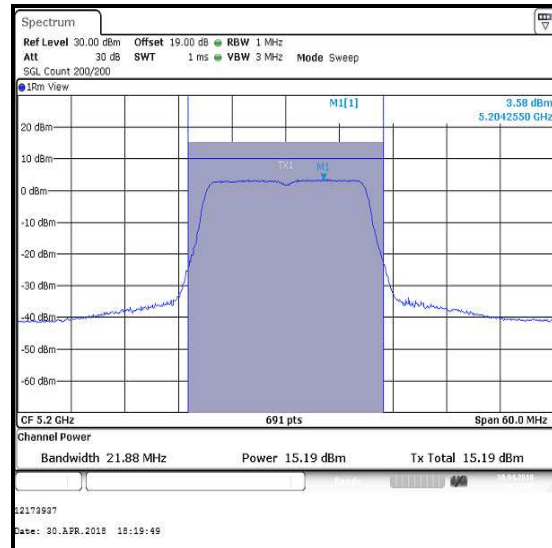
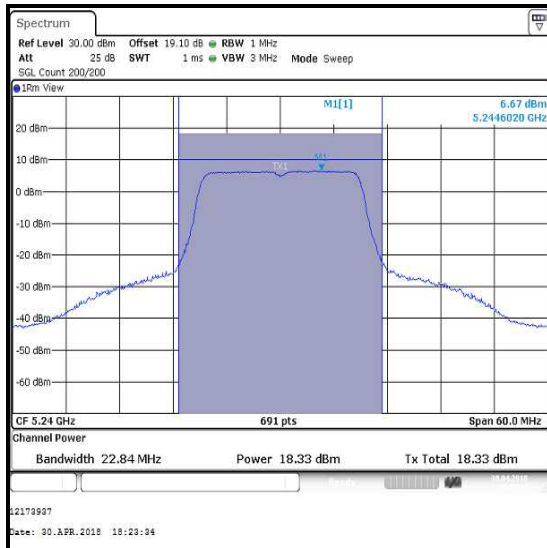


Single Channel / Port WF3

Transmitter Maximum Conducted Output Power (5.15-5.25 GHz band) (continued)**Results: 802.11n / 20 MHz / MIMO / 2Tx STBC / BPSK / MCS0**

Channel	Frequency (MHz)	Conducted Power Port WF1 (dBm)	Conducted Power Port WF3 (dBm)	Combined Conducted Power (dBm)	Limit (dBm)	Margin (dB)	Result
Bottom	5180	14.5	15.1	17.8	24.0	6.2	Complied
Middle	5200	15.1	15.2	18.2	24.0	5.8	Complied
Top	5240	18.3	18.3	21.3	24.0	2.7	Complied

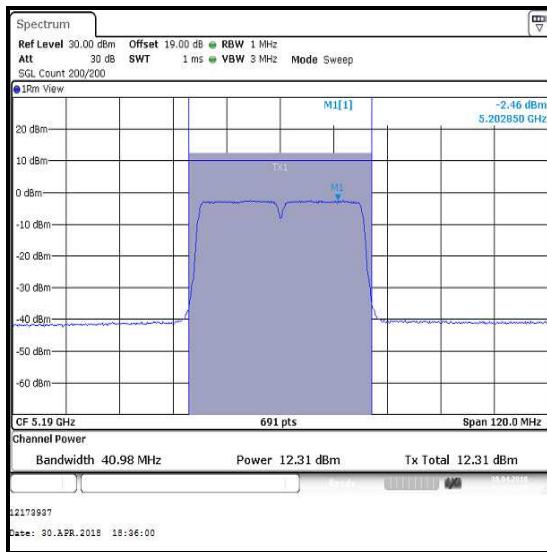
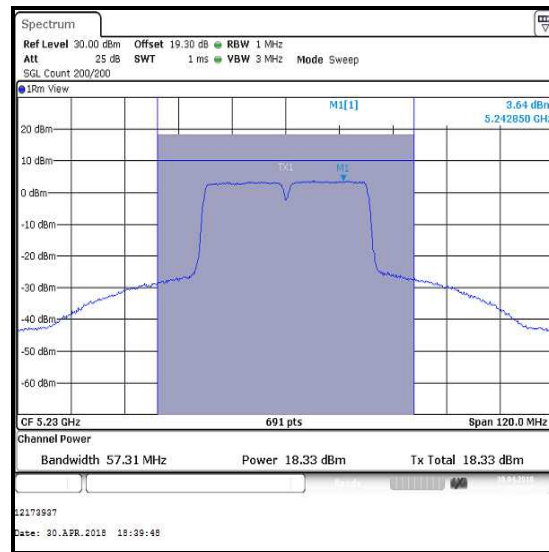
Results: 802.11n / 20 MHz / MIMO / 2Tx STBC / BPSK / MCS0 / Port WF1**Bottom Channel****Middle Channel****Top Channel**

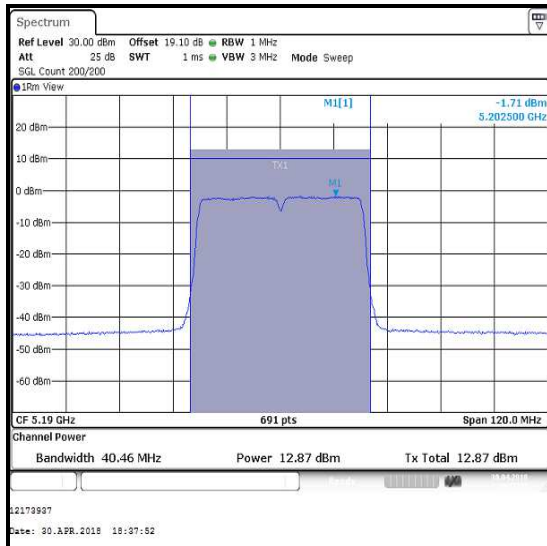
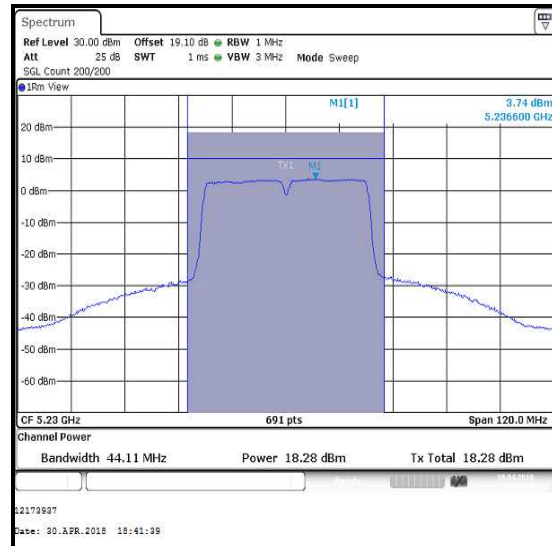
Transmitter Maximum Conducted Output Power (5.15-5.25 GHz band) (continued)**Results: 802.11n / 20 MHz / MIMO / 2Tx STBC / BPSK / MCS0 / Port WF3****Bottom Channel****Middle Channel****Top Channel**

Transmitter Maximum Conducted Output Power (5.15-5.25 GHz band) (continued)**Results: 802.11n / 40 MHz / MIMO / 2Tx STBC / BPSK / MCS0**

Channel	Frequency (MHz)	Port WF1			Port WF3		
		Conducted Power (dBm)	Duty Cycle correction (dB)	Corrected Conducted Power (dBm)	Conducted Power (dBm)	Duty Cycle correction (dB)	Corrected Conducted Power (dBm)
Bottom	5190	12.3	0.1	12.4	12.9	0.1	13.0
Top	5230	18.3	0.1	18.4	18.3	0.1	18.4

Channel	Frequency (MHz)	Corrected Conducted Power Port WF1 (dBm)	Corrected Conducted Power Port WF3 (dBm)	Combined Conducted Power (dBm)	Limit (dBm)	Margin (dB)	Result
Bottom	5190	12.4	13.0	15.7	24.0	8.3	Complied
Top	5230	18.4	18.4	21.4	24.0	2.6	Complied

Results: 802.11n / 40 MHz / MIMO / 2Tx STBC / BPSK / MCS0 / Port WF1**Bottom Channel****Top Channel**

Transmitter Maximum Conducted Output Power (5.15-5.25 GHz band) (continued)**Results: 802.11n / 40 MHz / MIMO / 2Tx STBC / BPSK / MCS0 / Port WF3****Bottom Channel****Top Channel**

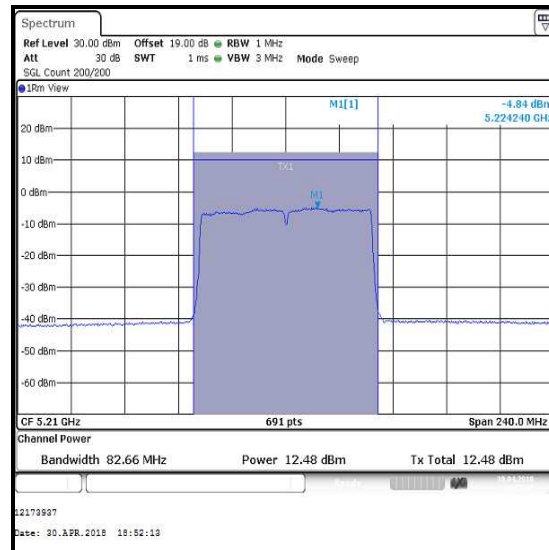
Transmitter Maximum Conducted Output Power (5.15-5.25 GHz band) (continued)**Results: 802.11ac / 80 MHz / MIMO / 2Tx STBC / BPSK / MCS0**

Channel	Frequency (MHz)	Port WF1			Port WF3		
		Conducted Power (dBm)	Duty Cycle correction (dB)	Corrected Conducted Power (dBm)	Conducted Power (dBm)	Duty Cycle correction (dB)	Corrected Conducted Power (dBm)
Single	5210	13.1	0.2	13.3	12.5	0.2	12.7

Channel	Frequency (MHz)	Corrected Conducted Power Port WF1 (dBm)	Corrected Conducted Power Port WF3 (dBm)	Combined Conducted Power (dBm)	Limit (dBm)	Margin (dB)	Result
Single	5210	13.3	12.7	16.0	24.0	8.0	Complied



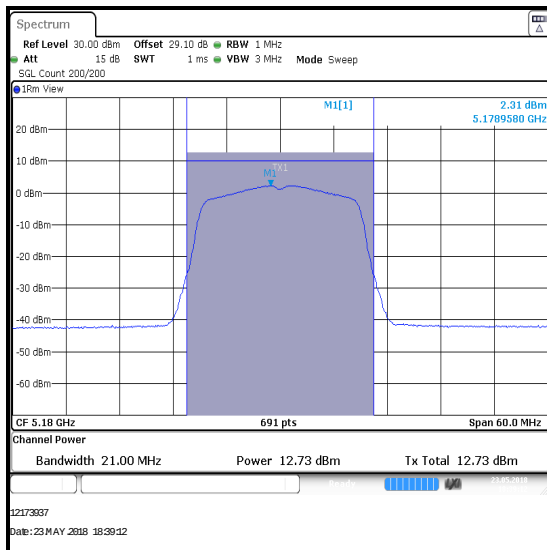
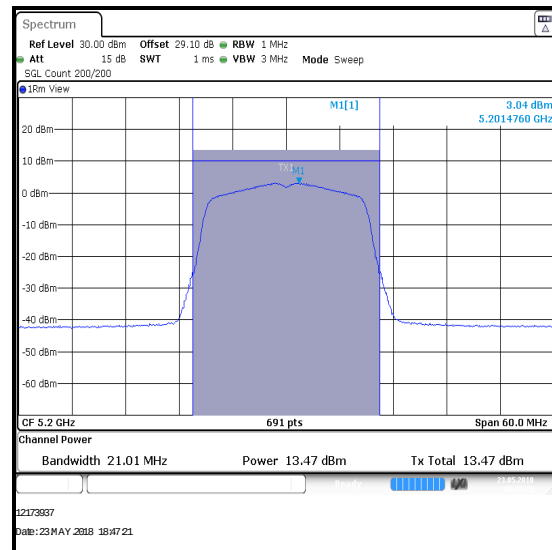
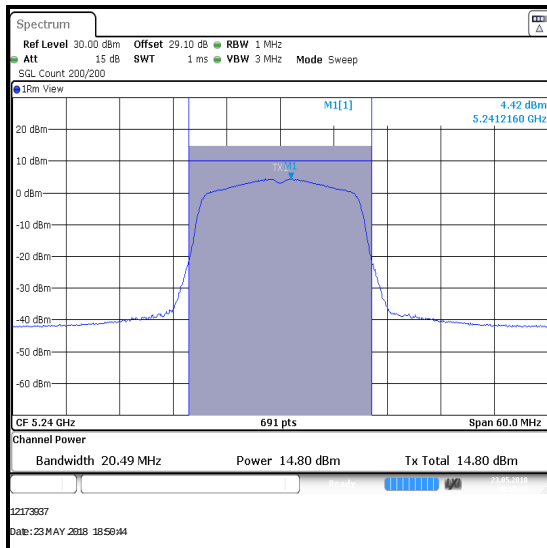
Single Channel / Port WF1

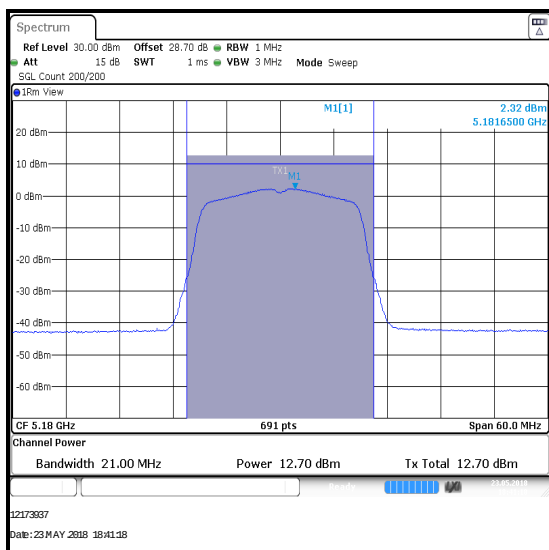
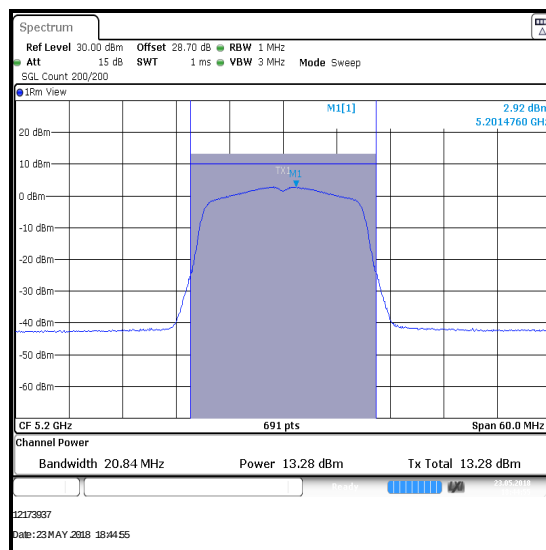
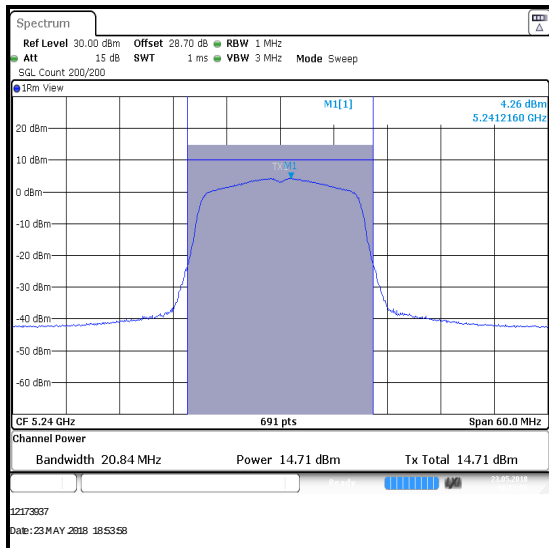


Single Channel / Port WF3

Transmitter Maximum Conducted Output Power (5.15-5.25 GHz band) (continued)**Results: 802.11n / 20 MHz / MIMO / 2Tx TxBF / BPSK / MCS0**

Channel	Frequency (MHz)	Conducted Power Port WF1 (dBm)	Conducted Power Port WF3 (dBm)	Combined Conducted Power (dBm)	Limit (dBm)	Margin (dB)	Result
Bottom	5180	12.7	12.7	15.7	21.4	5.7	Complied
Middle	5200	13.5	13.3	16.4	21.4	5.0	Complied
Top	5240	14.8	14.7	17.8	21.4	3.6	Complied

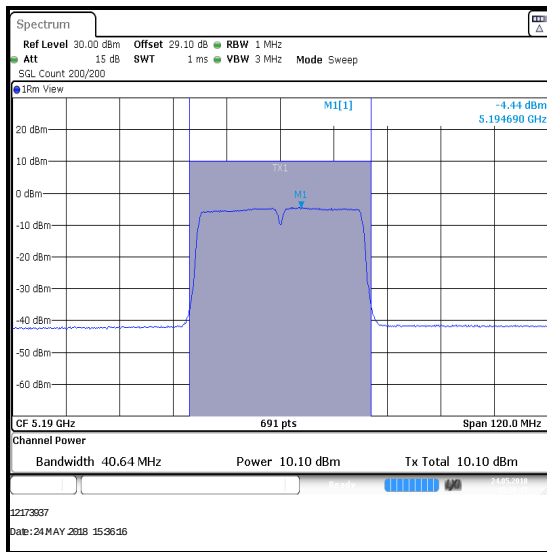
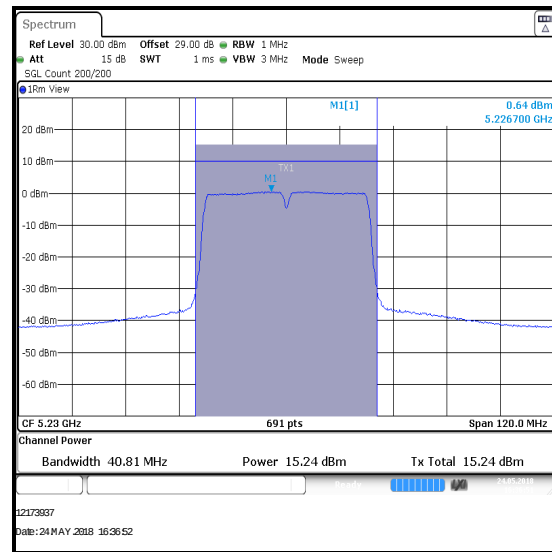
Results: 802.11n / 20 MHz / MIMO / 2Tx TxBF / BPSK / MCS0 / Port WF1**Bottom Channel****Middle Channel****Top Channel**

Transmitter Maximum Conducted Output Power (5.15-5.25 GHz band) (continued)**Results: 802.11n / 20 MHz / MIMO / 2Tx TxBF / BPSK / MCS0 / Port WF3****Bottom Channel****Middle Channel****Top Channel**

Transmitter Maximum Conducted Output Power (5.15-5.25 GHz band) (continued)**Results: 802.11n / 40 MHz / MIMO / 2Tx TxBF / BPSK / MCS0**

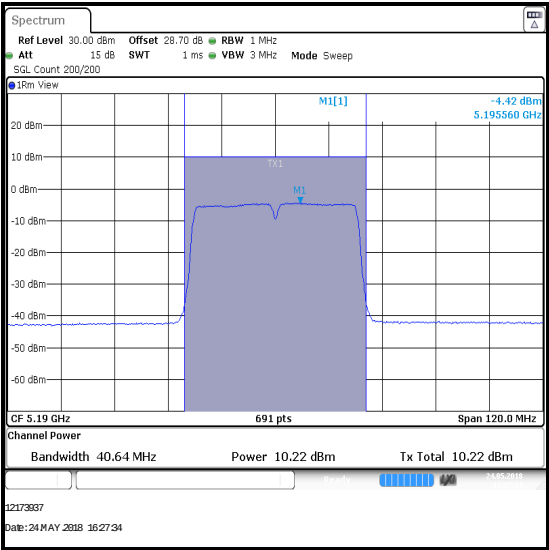
Channel	Frequency (MHz)	Port WF1			Port WF3		
		Conducted Power (dBm)	Duty Cycle correction (dB)	Corrected Conducted Power (dBm)	Conducted Power (dBm)	Duty Cycle correction (dB)	Corrected Conducted Power (dBm)
Bottom	5190	10.1	0.2	10.3	10.2	0.2	10.4
Top	5230	15.2	0.2	15.4	15.1	0.2	15.3

Channel	Frequency (MHz)	Corrected Conducted Power Port WF1 (dBm)	Corrected Conducted Power Port WF3 (dBm)	Combined Conducted Power (dBm)	Limit (dBm)	Margin (dB)	Result
Bottom	5190	10.3	10.4	13.4	21.4	8.0	Complied
Top	5230	15.4	15.3	18.4	21.4	3.0	Complied

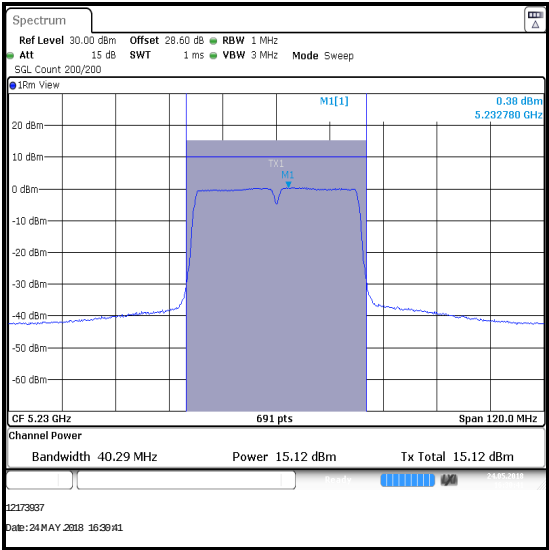
Results: 802.11n / 40 MHz / MIMO / 2Tx TxBF / BPSK / MCS0 / Port WF1**Bottom Channel****Top Channel**

Transmitter Maximum Conducted Output Power (5.15-5.25 GHz band) (continued)

Results: 802.11n / 40 MHz / MIMO / 2Tx TxBF / BPSK / MCS0 / Port WF3



Bottom Channel

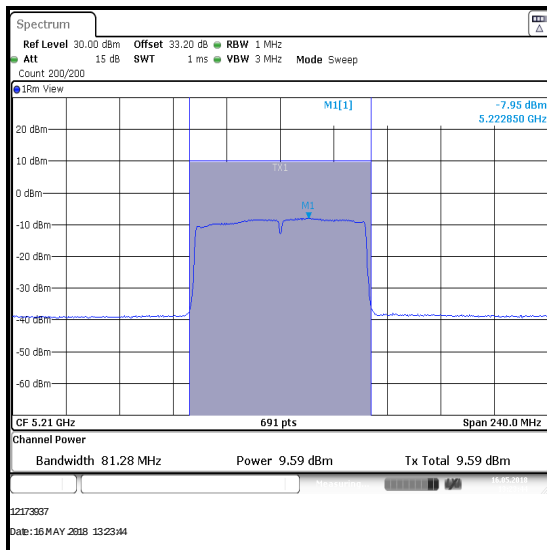


Top Channel

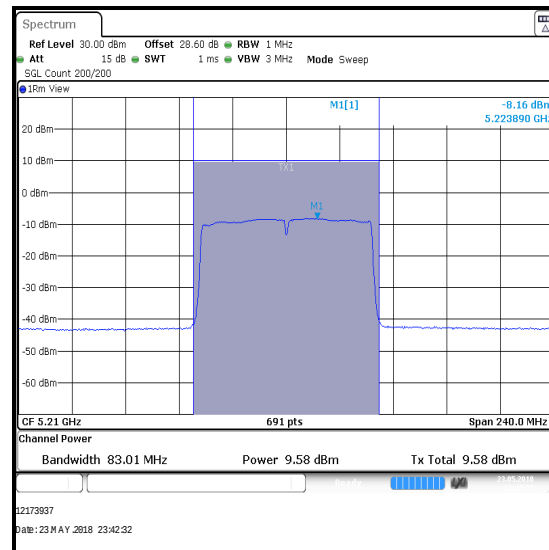
Transmitter Maximum Conducted Output Power (5.15-5.25 GHz band) (continued)**Results: 802.11ac / 80 MHz / MIMO / 2Tx TxBF / BPSK / MCS0**

Channel	Frequency (MHz)	Port WF1			Port WF3		
		Conducted Power (dBm)	Duty Cycle correction (dB)	Corrected Conducted Power (dBm)	Conducted Power (dBm)	Duty Cycle correction (dB)	Corrected Conducted Power (dBm)
Single	5210	9.6	0.1	9.7	9.6	0.1	9.7

Channel	Frequency (MHz)	Corrected Conducted Power Port WF1 (dBm)	Corrected Conducted Power Port WF3 (dBm)	Combined Conducted Power (dBm)	Limit (dBm)	Margin (dB)	Result
Single	5210	9.7	9.7	12.7	21.4	8.7	Complied



Single Channel / Port WF1

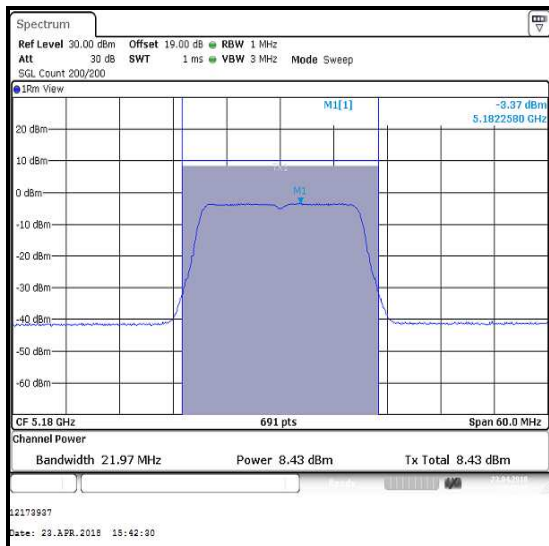
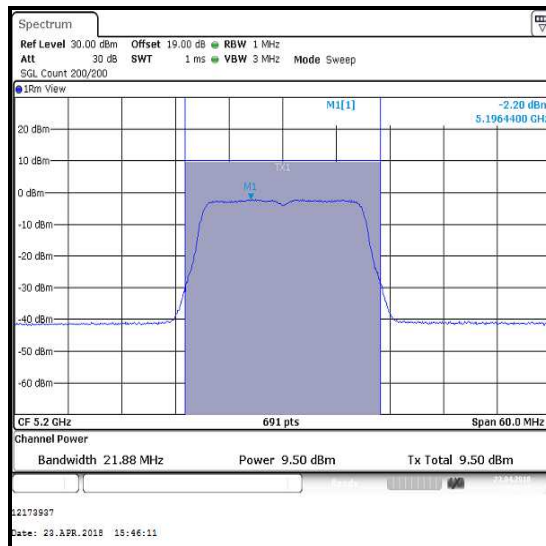
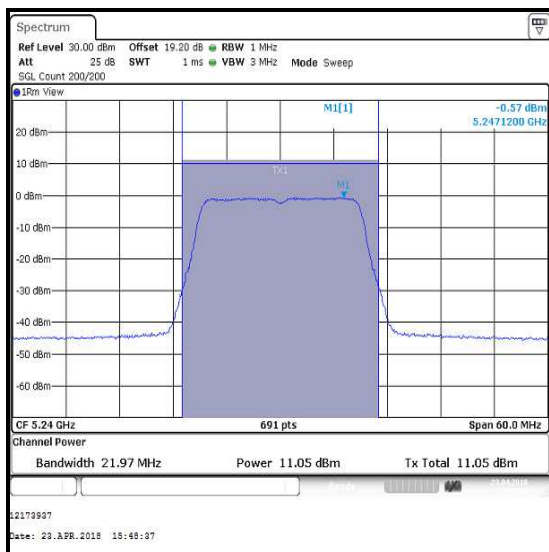


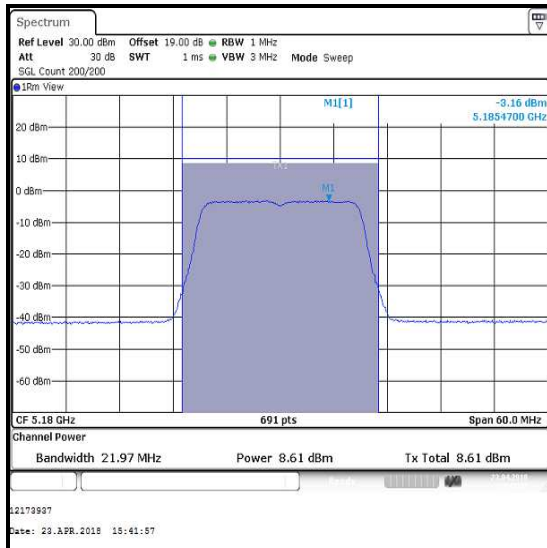
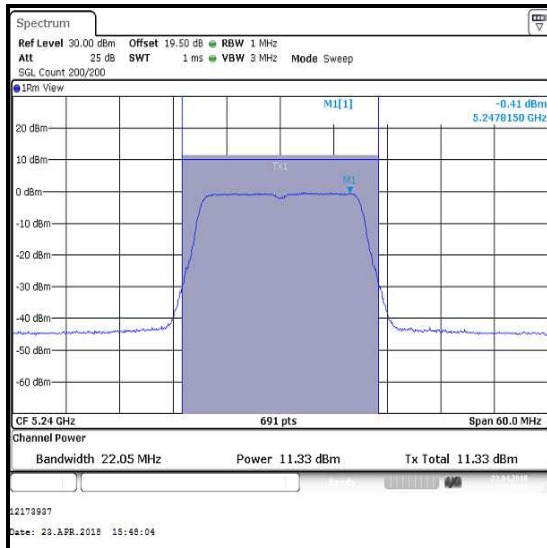
Single Channel / Port WF3

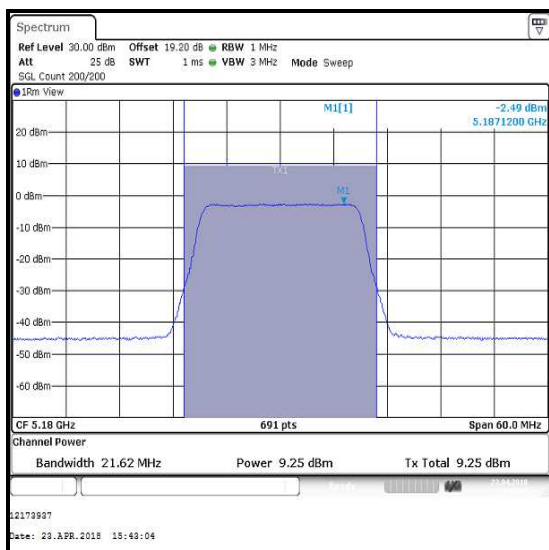
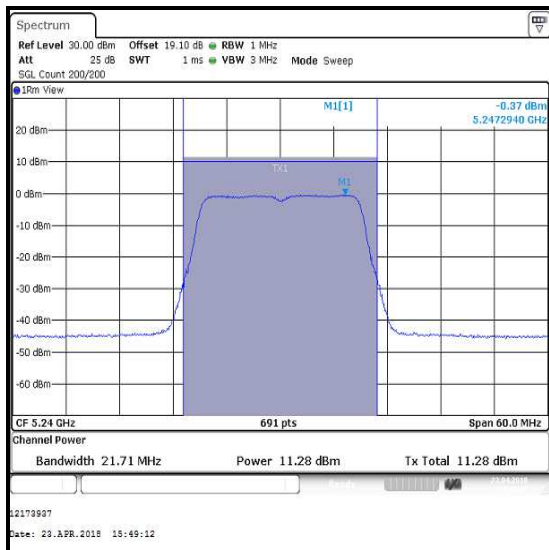
Transmitter Maximum Conducted Output Power (5.15-5.25 GHz band) (continued)**Results: 802.11n / 20 MHz / MIMO / 3Tx CDD / BPSK / MCS0**

Channel	Frequency (MHz)	Conducted Power Port WF1 (dBm)	Conducted Power Port WF2 (dBm)	Conducted Power Port WF3 (dBm)	Combined Conducted Power (dBm)
Bottom	5180	8.4	8.6	9.3	13.6
Middle	5200	9.5	10.0	9.9	14.6
Top	5240	11.1	11.3	11.3	16.0

Channel	Frequency (MHz)	Combined Conducted Power (dBm)	Limit (dBm)	Margin (dB)	Result
Bottom	5180	13.6	24.0	10.4	Complied
Middle	5200	14.6	24.0	9.4	Complied
Top	5240	16.0	24.0	8.0	Complied

Transmitter Maximum Conducted Output Power (5.15-5.25 GHz band) (continued)**Results: 802.11n / 20 MHz / MIMO / 3Tx CDD / BPSK / MCS0 / Port WF1****Bottom Channel****Middle Channel****Top Channel**

Transmitter Maximum Conducted Output Power (5.15-5.25 GHz band) (continued)**Results: 802.11n / 20 MHz / MIMO / 3Tx CDD / BPSK / MCS0 / Port WF2****Bottom Channel****Middle Channel****Top Channel**

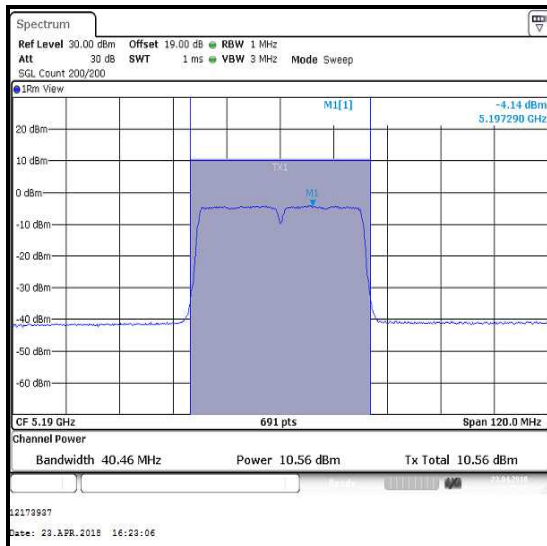
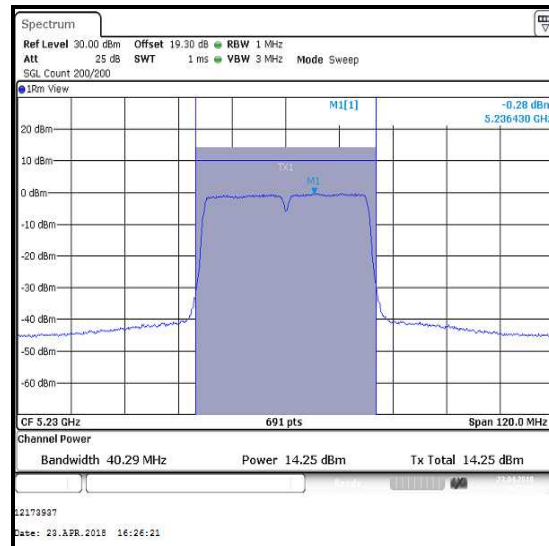
Transmitter Maximum Conducted Output Power (5.15-5.25 GHz band) (continued)**Results: 802.11n / 20 MHz / MIMO / 3Tx CDD / BPSK / MCS0 / Port WF3****Bottom Channel****Middle Channel****Top Channel**

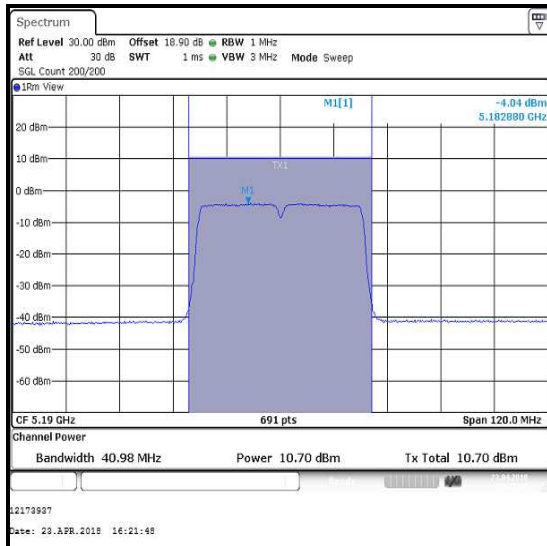
Transmitter Maximum Conducted Output Power (5.15-5.25 GHz band) (continued)**Results: 802.11n / 40 MHz / MIMO / 3Tx CDD / BPSK / MCS0**

Channel	Frequency (MHz)	Port WF1			Port WF2		
		Conducted Power (dBm)	Duty Cycle correction (dB)	Corrected Conducted Power (dBm)	Conducted Power (dBm)	Duty Cycle correction (dB)	Corrected Conducted Power (dBm)
Bottom	5190	10.6	0.1	10.7	10.7	0.1	10.8
Top	5230	14.3	0.1	14.4	14.6	0.1	14.7

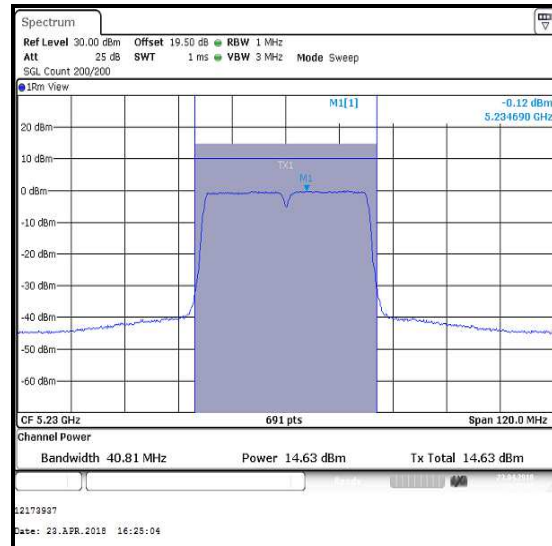
Channel	Frequency (MHz)	Port WF3			Ports WF1, WF2 & WF3		
		Conducted Power (dBm)	Duty Cycle correction (dB)	Corrected Conducted Power (dBm)	Corrected Conducted Power Port WF1 (dBm)	Corrected Conducted Power Port WF2 (dBm)	Corrected Conducted Power Port WF3 (dBm)
Bottom	5190	11.4	0.1	11.5	10.7	10.8	11.5
Top	5230	14.6	0.1	14.7	14.4	14.7	14.7

Channel	Frequency (MHz)	Combined Conducted Power (dBm)	Limit (dBm)	Margin (dB)	Result
Bottom	5190	15.8	24.0	8.2	Complied
Top	5230	19.4	24.0	4.6	Complied

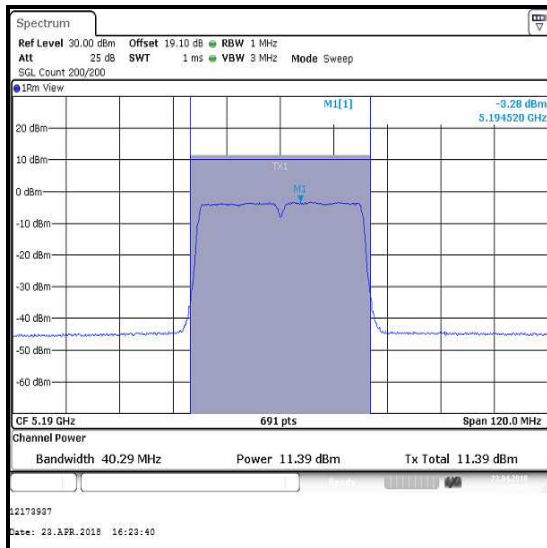
Results: 802.11n / 40 MHz / MIMO / 3Tx CDD / BPSK / MCS0 / Port WF1**Bottom Channel****Top Channel**

Transmitter Maximum Conducted Output Power (5.15-5.25 GHz band) (continued)**Results: 802.11n / 40 MHz / MIMO / 3Tx CDD / BPSK / MCS0 / Port WF2**

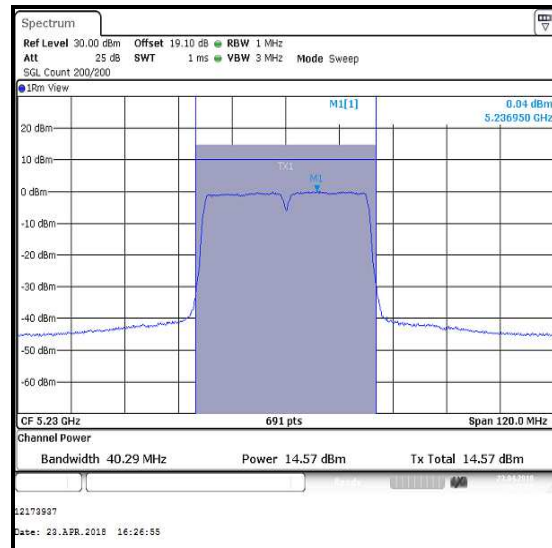
Bottom Channel



Top Channel

Results: 802.11n / 40 MHz / MIMO / 3Tx CDD / BPSK / MCS0 / Port WF3

Bottom Channel



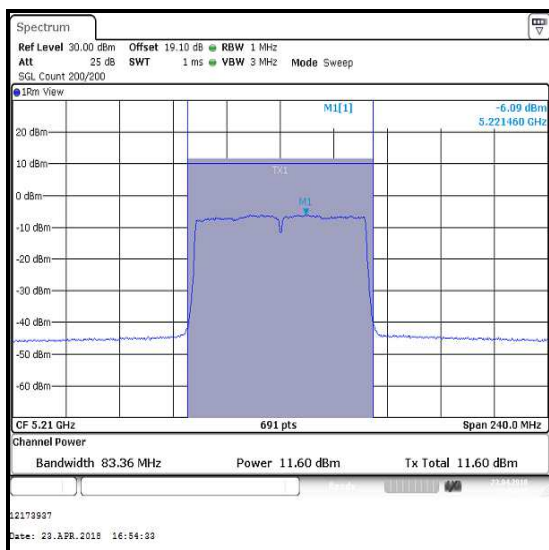
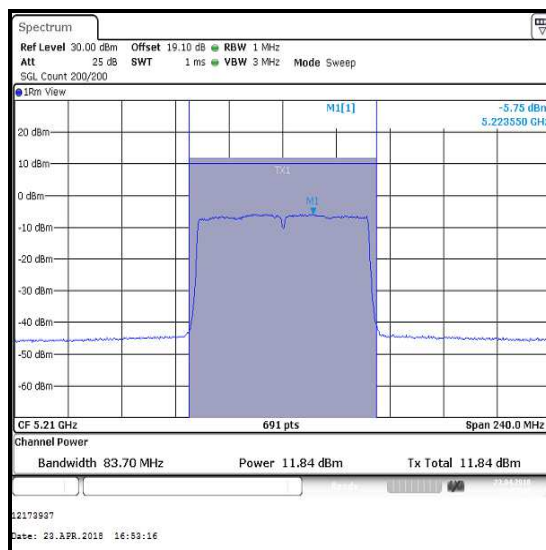
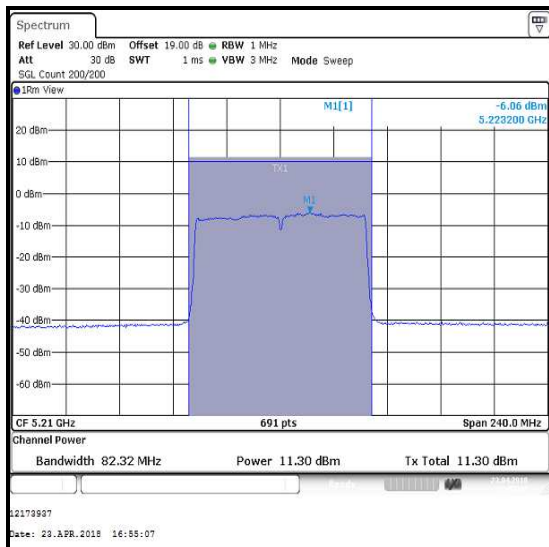
Top Channel

Transmitter Maximum Conducted Output Power (5.15-5.25 GHz band) (continued)**Results: 802.11ac / 80 MHz / MIMO / 3Tx CDD / BPSK / MCS0**

Channel	Frequency (MHz)	Port WF1			Port WF2		
		Conducted Power (dBm)	Duty Cycle correction (dB)	Corrected Conducted Power (dBm)	Conducted Power (dBm)	Duty Cycle correction (dB)	Corrected Conducted Power (dBm)
Single	5210	11.6	0.2	11.8	11.8	0.2	12.0

Channel	Frequency (MHz)	Port WF3			Ports WF1, WF2 & WF3		
		Conducted Power (dBm)	Duty Cycle correction (dB)	Corrected Conducted Power (dBm)	Corrected Conducted Power Port WF1 (dBm)	Corrected Conducted Power Port WF2 (dBm)	Corrected Conducted Power Port WF3 (dBm)
Single	5210	11.3	0.2	11.5	11.8	12.0	11.5

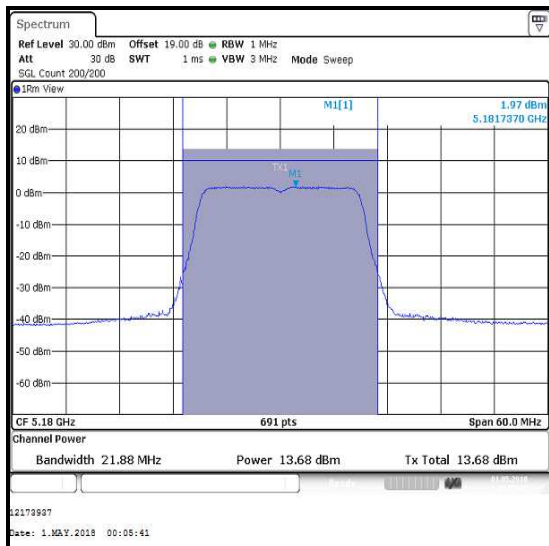
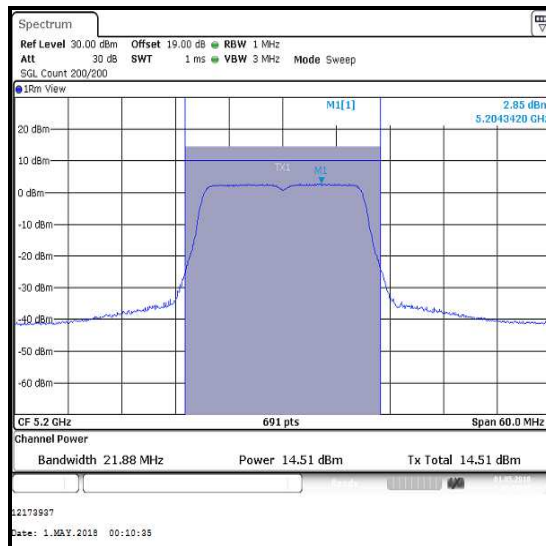
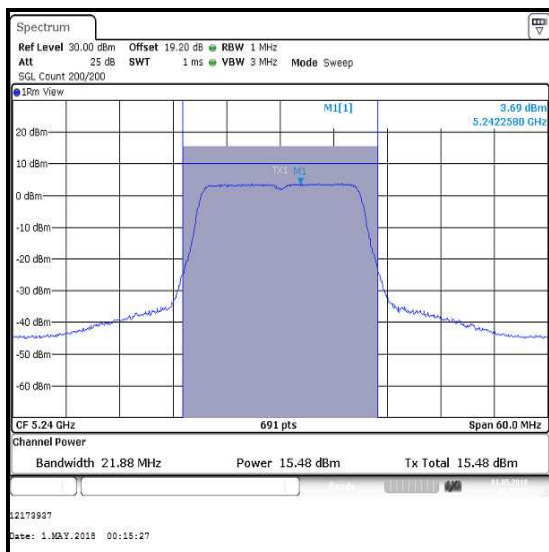
Channel	Frequency (MHz)	Combined Conducted Power (dBm)	Limit (dBm)	Margin (dB)	Result
Single	5210	16.5	24.0	7.5	Complied

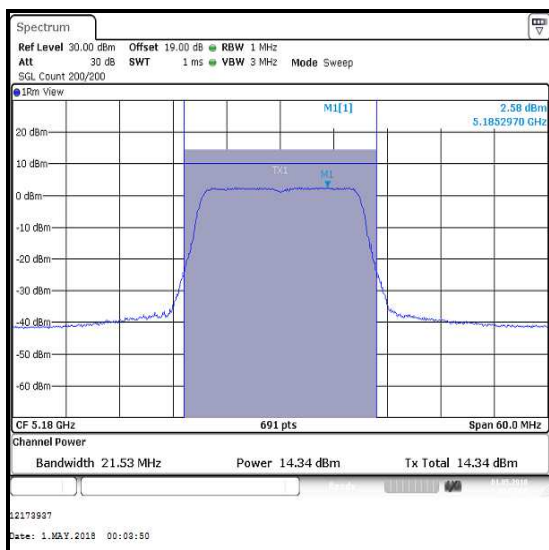
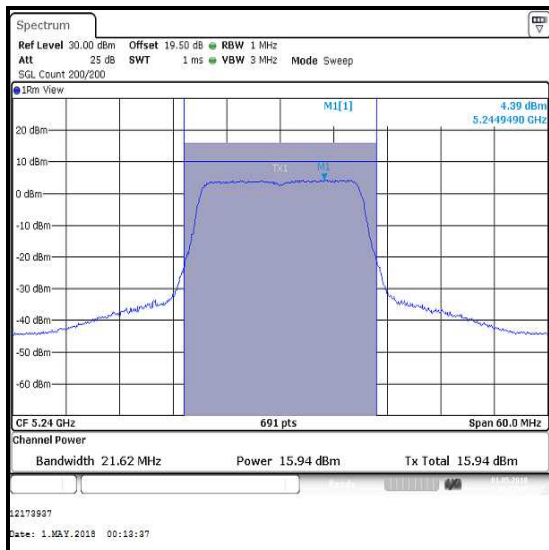
Transmitter Maximum Conducted Output Power (5.15-5.25 GHz band) (continued)**Results: 802.11ac / 80 MHz / MIMO / 3Tx CDD / BPSK / MCS0****Single Channel / Port WF1****Single Channel / Port WF2****Single Channel / Port WF3**

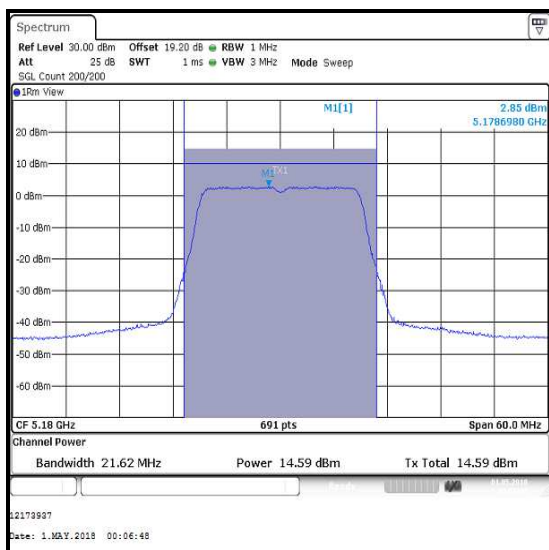
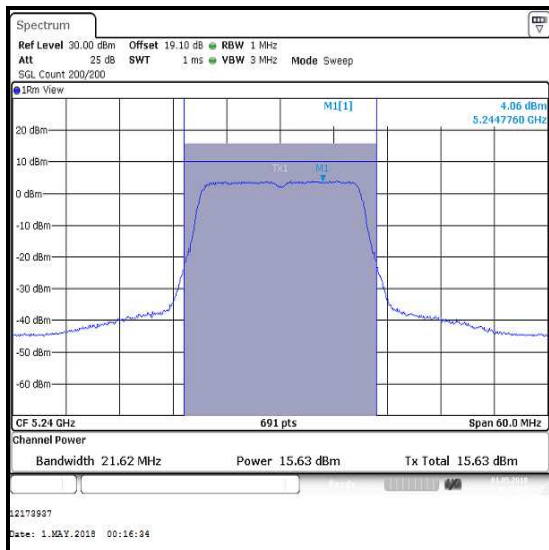
Transmitter Maximum Conducted Output Power (5.15-5.25 GHz band) (continued)**Results: 802.11n / 20 MHz / MIMO / 3Tx STBC / BPSK / MCS0**

Channel	Frequency (MHz)	Conducted Power Port WF1 (dBm)	Conducted Power Port WF2 (dBm)	Conducted Power Port WF3 (dBm)	Combined Conducted Power (dBm)
Bottom	5180	13.7	14.3	14.6	19.0
Middle	5200	14.5	14.9	14.6	19.4
Top	5240	15.5	15.9	15.6	20.4

Channel	Frequency (MHz)	Combined Conducted Power (dBm)	Limit (dBm)	Margin (dB)	Result
Bottom	5180	19.0	24.0	5.0	Complied
Middle	5200	19.4	24.0	4.6	Complied
Top	5240	20.4	24.0	3.6	Complied

Transmitter Maximum Conducted Output Power (5.15-5.25 GHz band) (continued)**Results: 802.11n / 20 MHz / MIMO / 3Tx STBC / BPSK / MCS0 / Port WF1****Bottom Channel****Middle Channel****Top Channel**

Transmitter Maximum Conducted Output Power (5.15-5.25 GHz band) (continued)**Results: 802.11n / 20 MHz / MIMO / 3Tx STBC / BPSK / MCS0 / Port WF2****Bottom Channel****Middle Channel****Top Channel**

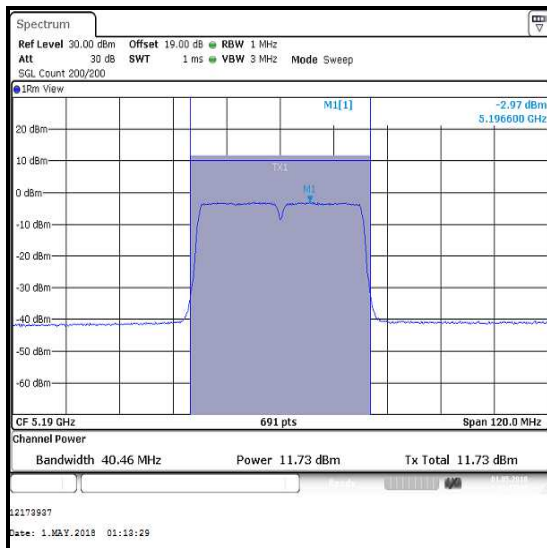
Transmitter Maximum Conducted Output Power (5.15-5.25 GHz band) (continued)**Results: 802.11n / 20 MHz / MIMO / 3Tx STBC / BPSK / MCS0 / Port WF3****Bottom Channel****Middle Channel****Top Channel**

Transmitter Maximum Conducted Output Power (5.15-5.25 GHz band) (continued)**Results: 802.11n / 40 MHz / MIMO / 3Tx STBC / BPSK / MCS0**

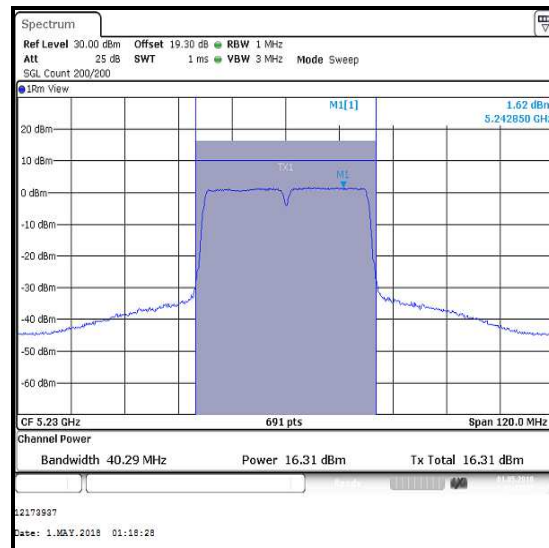
Channel	Frequency (MHz)	Port WF1			Port WF2		
		Conducted Power (dBm)	Duty Cycle correction (dB)	Corrected Conducted Power (dBm)	Conducted Power (dBm)	Duty Cycle correction (dB)	Corrected Conducted Power (dBm)
Bottom	5190	11.7	0.1	11.8	12.1	0.1	12.2
Top	5230	16.3	0.1	16.4	16.6	0.1	16.7

Channel	Frequency (MHz)	Port WF3			Ports WF1, WF2 & WF3		
		Conducted Power (dBm)	Duty Cycle correction (dB)	Corrected Conducted Power (dBm)	Corrected Conducted Power Port WF1 (dBm)	Corrected Conducted Power Port WF2 (dBm)	Corrected Conducted Power Port WF3 (dBm)
Bottom	5190	12.6	0.1	12.7	11.8	12.2	12.7
Top	5230	16.4	0.1	16.5	16.4	16.7	16.5

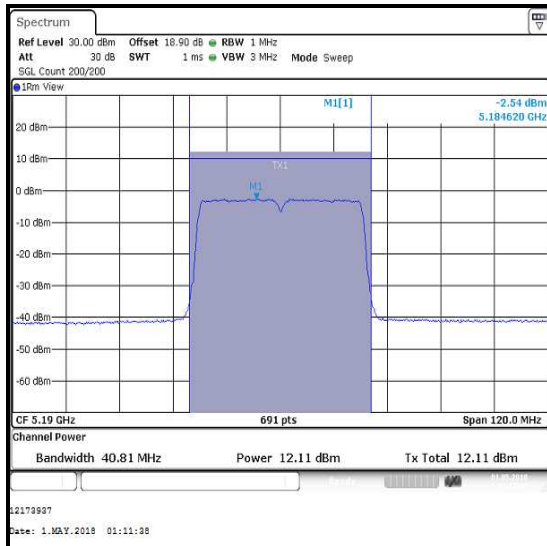
Channel	Frequency (MHz)	Combined Conducted Power (dBm)	Limit (dBm)	Margin (dB)	Result
Bottom	5190	17.0	24.0	7.0	Complied
Top	5230	21.3	24.0	2.7	Complied

Results: 802.11n / 40 MHz / MIMO / 3Tx STBC / BPSK / MCS0 / Port WF1

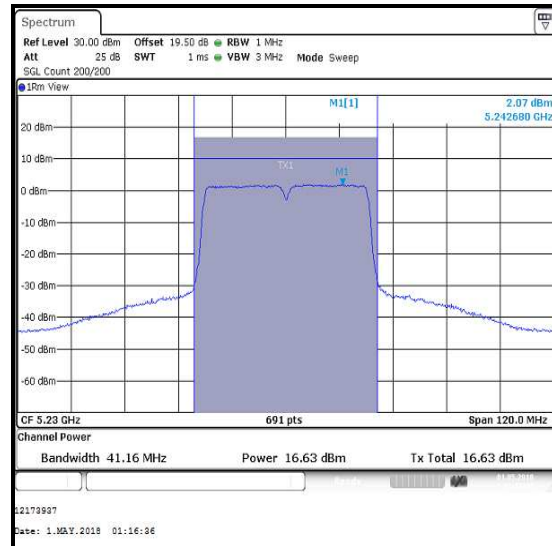
Bottom Channel



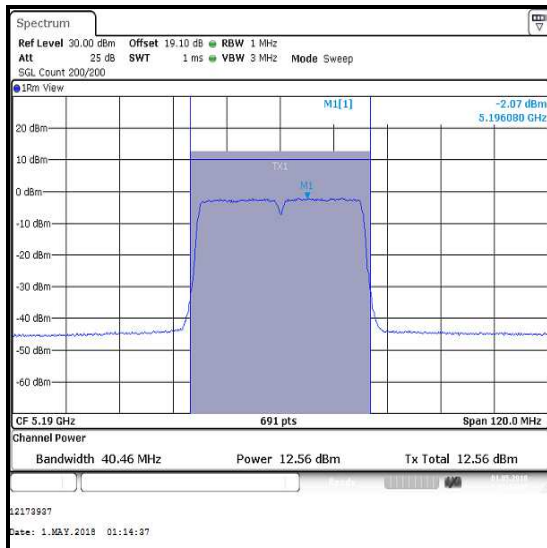
Top Channel

Transmitter Maximum Conducted Output Power (5.15-5.25 GHz band) (continued)**Results: 802.11n / 40 MHz / MIMO / 3Tx STBC / BPSK / MCS0 / Port WF2**

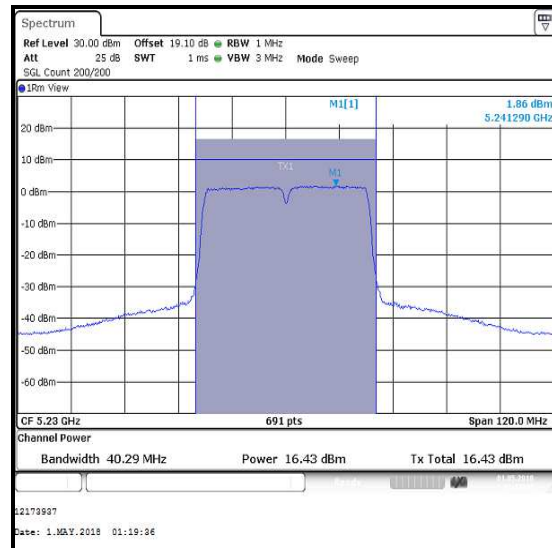
Bottom Channel



Top Channel

Results: 802.11n / 40 MHz / MIMO / 3Tx STBC / BPSK / MCS0 / Port WF3

Bottom Channel



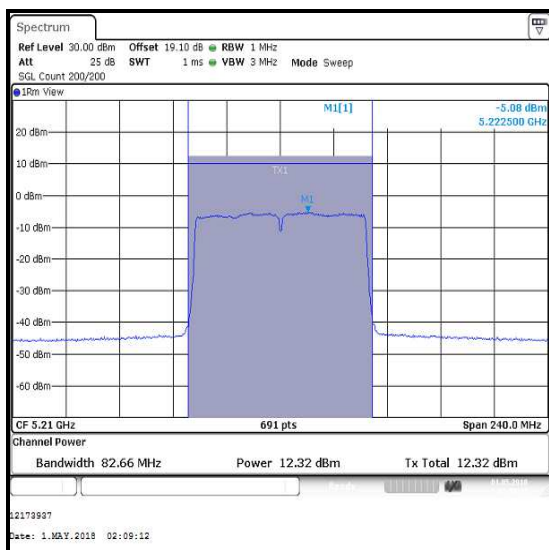
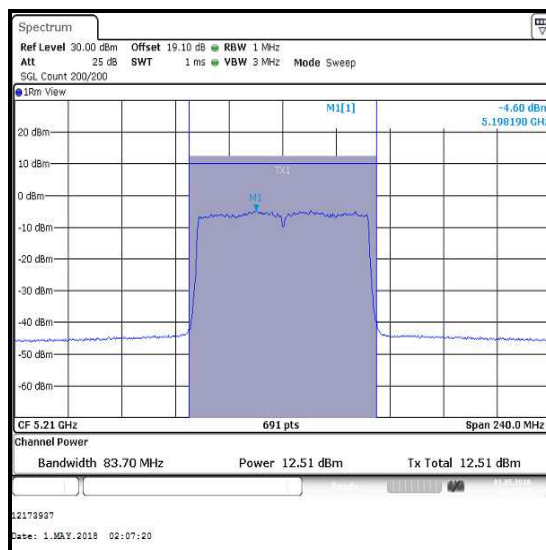
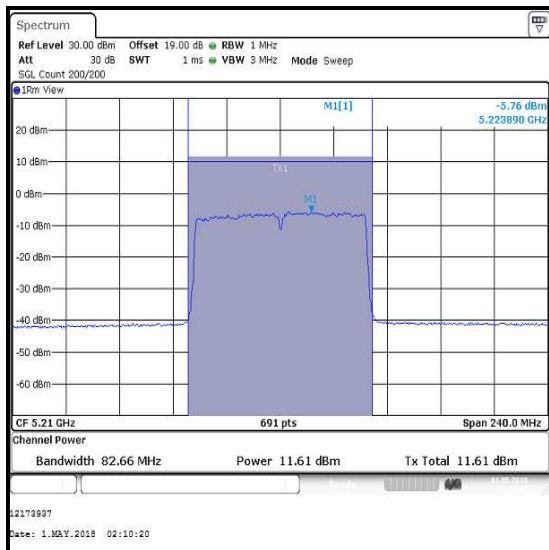
Top Channel

Transmitter Maximum Conducted Output Power (5.15-5.25 GHz band) (continued)**Results: 802.11ac / 80 MHz / MIMO / 3Tx STBC / BPSK / MCS0**

Channel	Frequency (MHz)	Port WF1			Port WF2		
		Conducted Power (dBm)	Duty Cycle correction (dB)	Corrected Conducted Power (dBm)	Conducted Power (dBm)	Duty Cycle correction (dB)	Corrected Conducted Power (dBm)
Single	5210	12.3	0.2	12.5	12.5	0.2	12.7

Channel	Frequency (MHz)	Port WF3			Ports WF1, WF2 & WF3		
		Conducted Power (dBm)	Duty Cycle correction (dB)	Corrected Conducted Power (dBm)	Corrected Conducted Power Port WF1 (dBm)	Corrected Conducted Power Port WF2 (dBm)	Corrected Conducted Power Port WF3 (dBm)
Single	5210	11.6	0.2	11.8	12.5	12.7	11.8

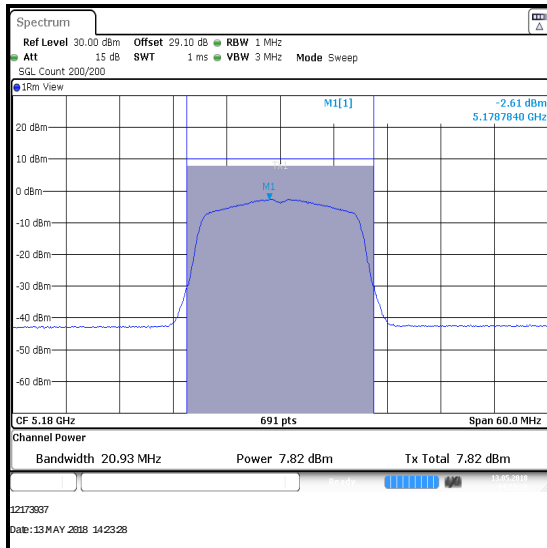
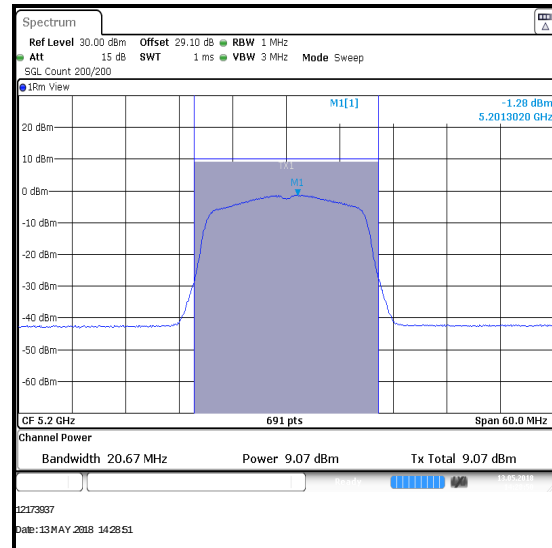
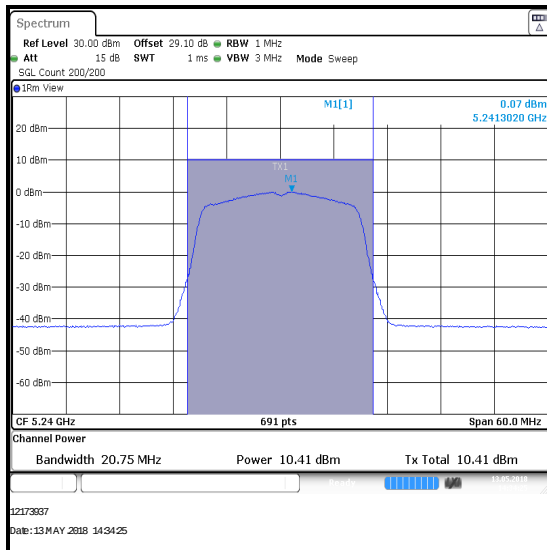
Channel	Frequency (MHz)	Combined Conducted Power (dBm)	Limit (dBm)	Margin (dB)	Result
Single	5210	17.1	24.0	6.9	Complied

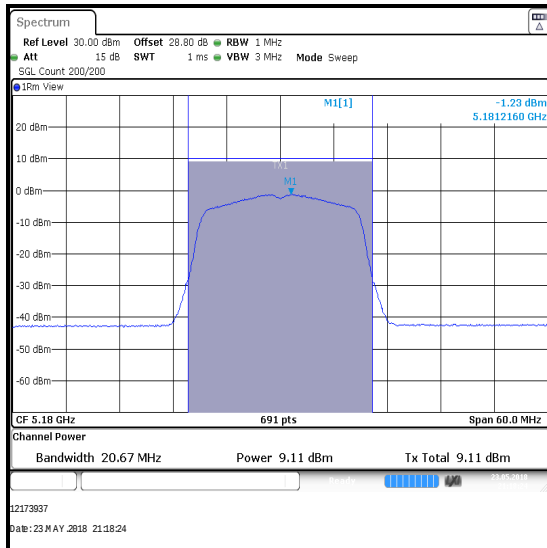
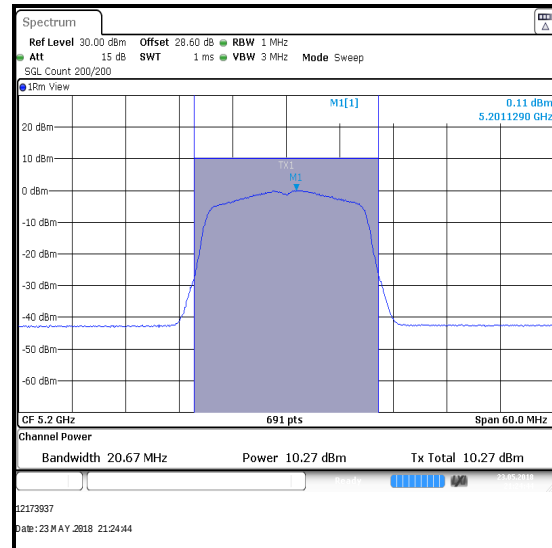
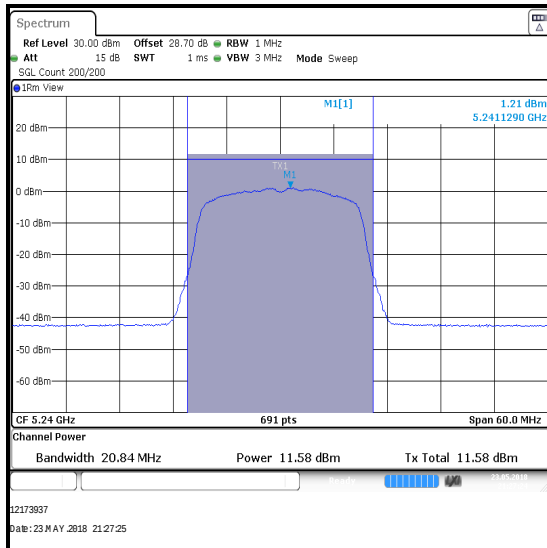
Transmitter Maximum Conducted Output Power (5.15-5.25 GHz band) (continued)**Results: 802.11ac / 80 MHz / MIMO / 3Tx STBC / BPSK / MCS0****Single Channel / Port WF1****Single Channel / Port WF2****Single Channel / Port WF3**

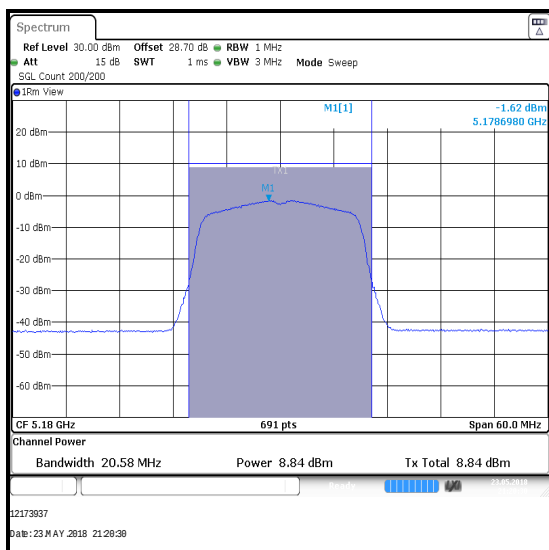
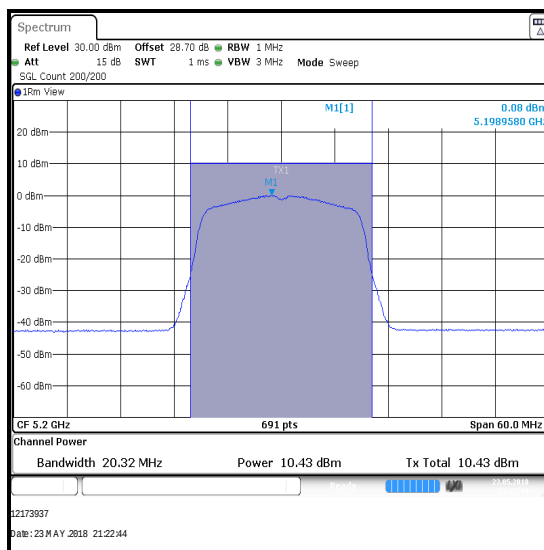
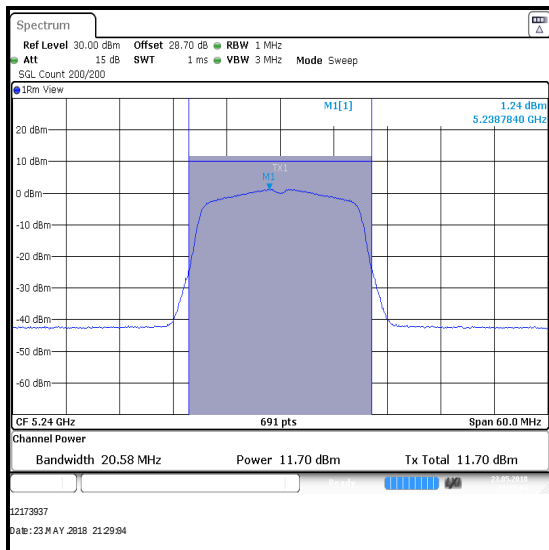
Transmitter Maximum Conducted Output Power (5.15-5.25 GHz band) (continued)**Results: 802.11n / 20 MHz / MIMO / 3Tx TxBF / BPSK / MCS0**

Channel	Frequency (MHz)	Conducted Power Port WF1 (dBm)	Conducted Power Port WF2 (dBm)	Conducted Power Port WF3 (dBm)	Combined Conducted Power (dBm)
Bottom	5180	7.8	9.1	8.8	13.4
Middle	5200	9.1	10.3	10.4	14.7
Top	5240	10.4	11.6	11.7	16.0

Channel	Frequency (MHz)	Combined Conducted Power (dBm)	Limit (dBm)	Margin (dB)	Result
Bottom	5180	13.4	19.7	6.3	Complied
Middle	5200	14.7	19.7	5.0	Complied
Top	5240	16.0	19.7	3.7	Complied

Transmitter Maximum Conducted Output Power (5.15-5.25 GHz band) (continued)**Results: 802.11n / 20 MHz / MIMO / 3Tx TxBF / BPSK / MCS0 / Port WF1****Bottom Channel****Middle Channel****Top Channel**

Transmitter Maximum Conducted Output Power (5.15-5.25 GHz band) (continued)**Results: 802.11n / 20 MHz / MIMO / 3Tx TxBF / BPSK / MCS0 / Port WF2****Bottom Channel****Middle Channel****Top Channel**

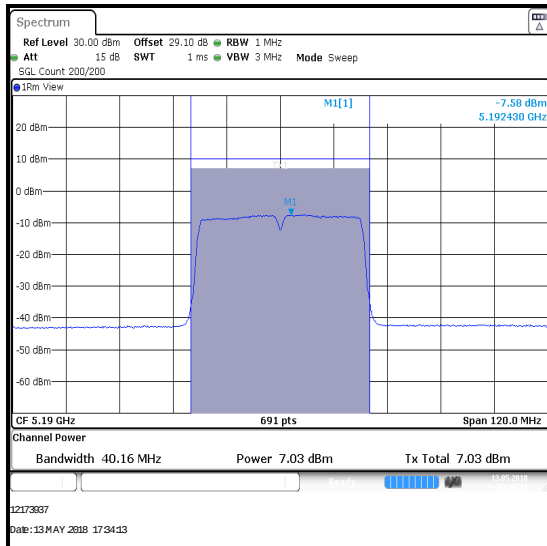
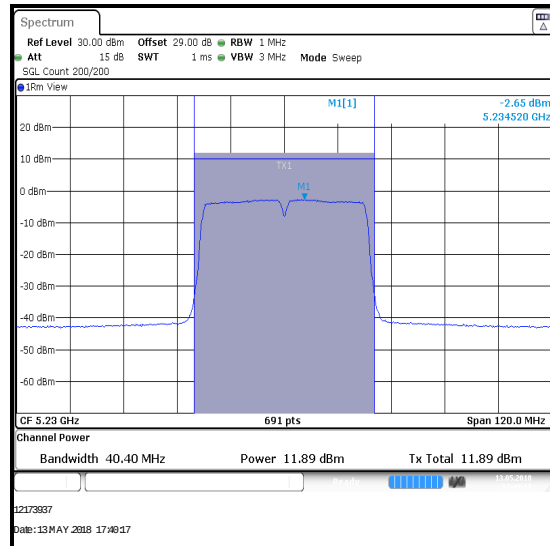
Transmitter Maximum Conducted Output Power (5.15-5.25 GHz band) (continued)**Results: 802.11n / 20 MHz / MIMO / 3Tx TxBF / BPSK / MCS0 / Port WF3****Bottom Channel****Middle Channel****Top Channel**

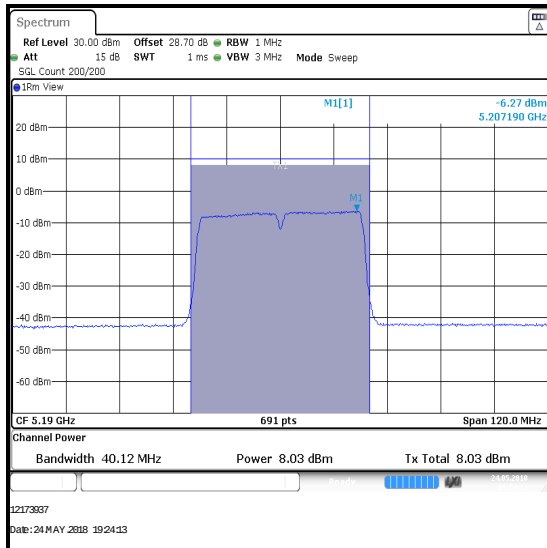
Transmitter Maximum Conducted Output Power (5.15-5.25 GHz band) (continued)**Results: 802.11n / 40 MHz / MIMO / 3Tx TxBF / BPSK / MCS0**

Channel	Frequency (MHz)	Port WF1			Port WF2		
		Conducted Power (dBm)	Duty Cycle correction (dB)	Corrected Conducted Power (dBm)	Conducted Power (dBm)	Duty Cycle correction (dB)	Corrected Conducted Power (dBm)
Bottom	5190	7.0	0.2	7.2	8.0	0.2	8.2
Top	5230	11.9	0.2	12.1	12.7	0.2	12.9

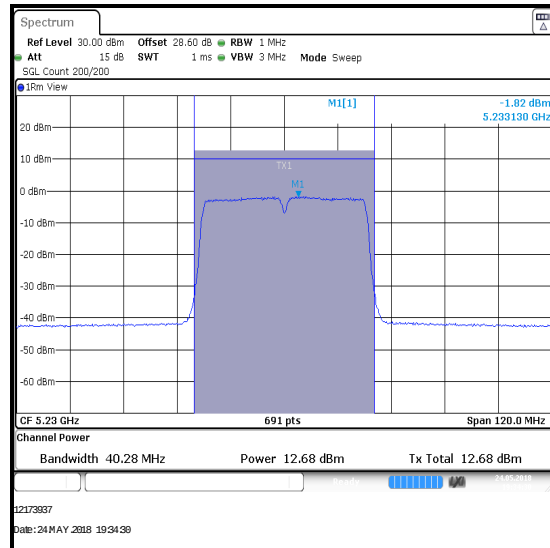
Channel	Frequency (MHz)	Port WF3			Ports WF1, WF2 & WF3		
		Conducted Power (dBm)	Duty Cycle correction (dB)	Corrected Conducted Power (dBm)	Corrected Conducted Power Port WF1 (dBm)	Corrected Conducted Power Port WF2 (dBm)	Corrected Conducted Power Port WF3 (dBm)
Bottom	5190	8.2	0.2	8.4	7.2	8.2	8.4
Top	5230	12.7	0.2	12.9	12.1	12.9	12.9

Channel	Frequency (MHz)	Combined Conducted Power (dBm)	Limit (dBm)	Margin (dB)	Result
Bottom	5190	12.7	19.7	7.0	Complied
Top	5230	17.4	19.7	2.3	Complied

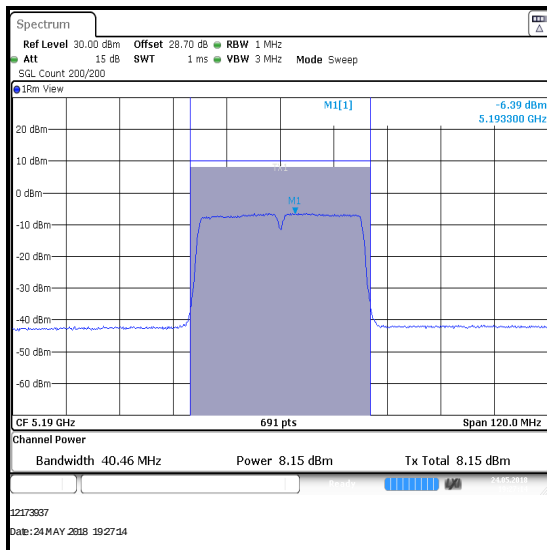
Results: 802.11n / 40 MHz / MIMO / 3Tx TxBF / BPSK / MCS0 / Port WF1**Bottom Channel****Top Channel**

Transmitter Maximum Conducted Output Power (5.15-5.25 GHz band) (continued)**Results: 802.11n / 40 MHz / MIMO / 3Tx TxBF / BPSK / MCS0 / Port WF2**

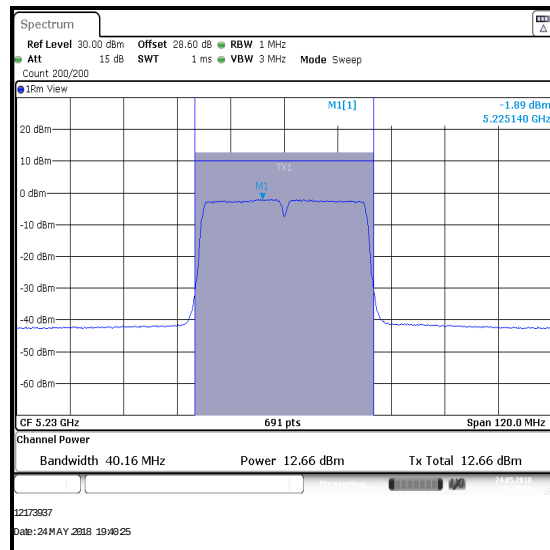
Bottom Channel



Top Channel

Results: 802.11n / 40 MHz / MIMO / 3Tx TxBF / BPSK / MCS0 / Port WF3

Bottom Channel



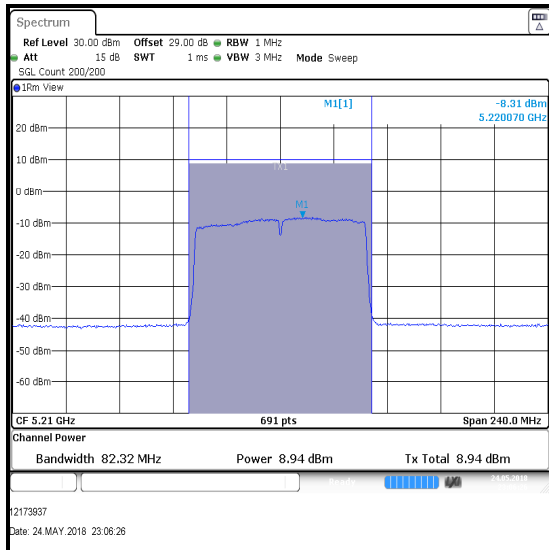
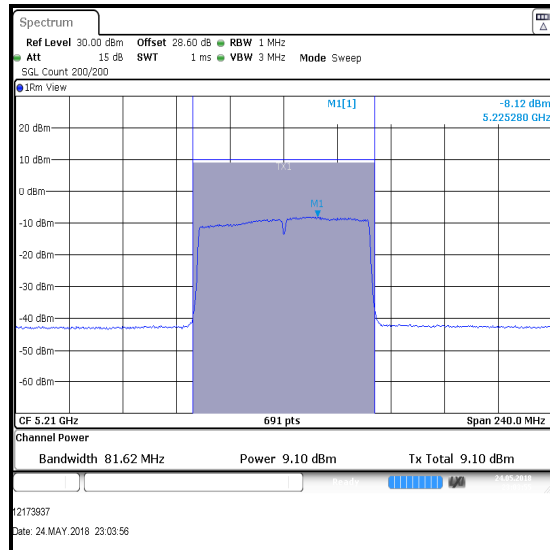
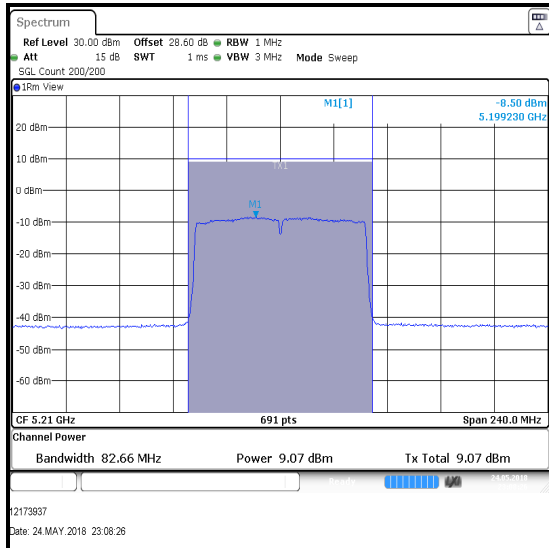
Top Channel

Transmitter Maximum Conducted Output Power (5.15-5.25 GHz band) (continued)**Results: 802.11ac / 80 MHz / MIMO / 3Tx TxBF / BPSK / MCS0**

Channel	Frequency (MHz)	Port WF1			Port WF2		
		Conducted Power (dBm)	Duty Cycle correction (dB)	Corrected Conducted Power (dBm)	Conducted Power (dBm)	Duty Cycle correction (dB)	Corrected Conducted Power (dBm)
Single	5210	8.9	0.1	9.0	9.1	0.1	9.2

Channel	Frequency (MHz)	Port WF3			Ports WF1, WF2 & WF3		
		Conducted Power (dBm)	Duty Cycle correction (dB)	Corrected Conducted Power (dBm)	Corrected Conducted Power Port WF1 (dBm)	Corrected Conducted Power Port WF2 (dBm)	Corrected Conducted Power Port WF3 (dBm)
Single	5210	9.1	0.1	9.2	9.0	9.2	9.2

Channel	Frequency (MHz)	Combined Conducted Power (dBm)	Limit (dBm)	Margin (dB)	Result
Single	5210	13.9	19.7	5.8	Complied

Transmitter Maximum Conducted Output Power (5.15-5.25 GHz band) (continued)**Results: 802.11ac / 80 MHz / MIMO / 3Tx TxBF / BPSK / MCS0****Single Channel / Port WF1****Single Channel / Port WF2****Single Channel / Port WF3**

Transmitter Maximum Conducted Output Power (5.25-5.35 GHz band)**4.4.2. 5.25-5.35 GHz band****Test Summary:**

Test Engineers:	Max Passell & Andrew Edwards	Test Dates:	23 April 2018 to 24 May 2018
Test Sample Serial Numbers:	C02VQ00SJKHY & C02W6002JTF0		

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

Environmental Conditions:

Temperature (°C):	23 to 25
Relative Humidity (%):	30 to 42

Note(s):

- For conducted power tests where the duty cycle is >98%, the measurements were performed using a signal analyser in accordance with FCC KDB 789033 II.E.2.b) Method SA-1. Where the duty cycle is <98%, the 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.
- Measurements were performed using configurations detailed in Section 3.5 of this test report on the relevant channels.
- For data rates where the EUT was transmitting at <98% duty cycle, 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.
- 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. For U-NII-2A band, the 26 dB EBW is greater than 20 MHz.

$$\begin{aligned}
 &\text{For } B > 20 \text{ MHz} \rightarrow \\
 &\rightarrow \log_{10} B > \log_{10} 20 \rightarrow \\
 &\rightarrow 10 \log_{10} B > 10 \log_{10} 20 \rightarrow \\
 &\rightarrow 11 + 10 \log_{10} B > 11 + 10 \log_{10} 20 \rightarrow \\
 &\rightarrow 11 + 10 \log_{10} B > 24.0 \text{ dBm}
 \end{aligned}$$

Therefore for measured emission bandwidths greater than 20 MHz, the lesser of the two limits is the fixed limit of 250 mW (24.0 dBm). This was applied to the results.

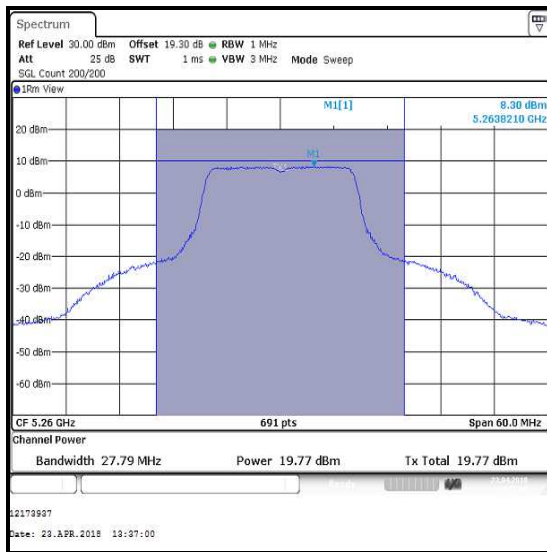
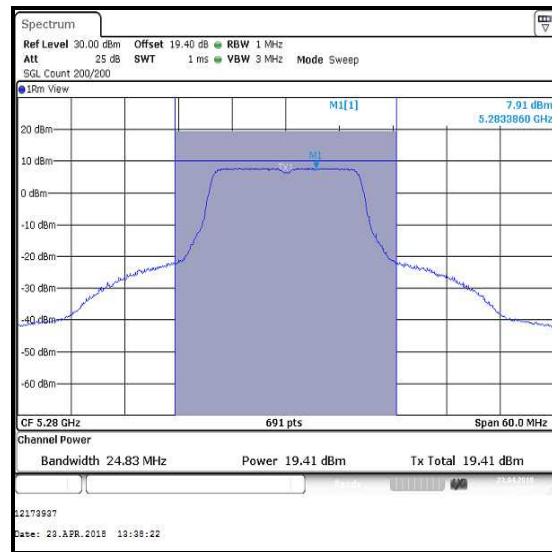
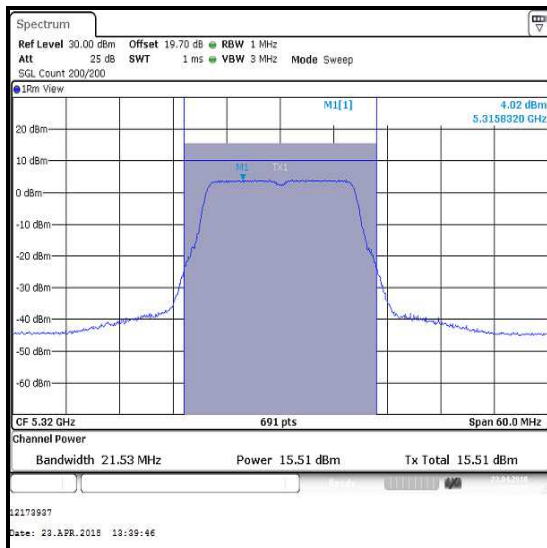
- For MIMO modes, conducted power was measured on all ports and then combined using the measure-and-sum method stated in FCC KDB 662911 D01 Section E)1).
- For SISO and MIMO CDD modes of operation presented in this section of the test report, the EUT has an antenna gain of 6.5 dBi. In accordance with Part 15.407(a)(2), the limit was reduced by the amount in dB the antenna gain exceeds 6 dBi. Therefore the limit of 24.0 dBm has been reduced by 0.5 dB to 23.5 dBm.

Note(s) (continued):

7. For 2Tx STBC modes of operation presented in this section of the test report, the EUT has a directional antenna gain of 6.4 dBi. In accordance with Part 15.407(a)(2), the limit was reduced by the amount in dB the antenna gain exceeds 6 dBi. Therefore the limit of 24.0 dBm has been reduced by 0.4 dB to 23.6 dBm.
8. For 3Tx STBC modes of operation presented in this section of the test report, the EUT has a directional antenna gain of 6.3 dBi. In accordance with Part 15.407(a)(2), the limit was reduced by the amount in dB the antenna gain exceeds 6 dBi. Therefore the limit of 24.0 dBm has been reduced by 0.3 dB to 23.7 dBm.
9. For 2Tx TxBF modes of operation presented in this section of the test report, the EUT has a directional antenna gain of 9.4 dBi. In accordance with Part 15.407(a)(2), the limit was reduced by the amount in dB the antenna gain exceeds 6 dBi. Therefore the limit of 24.0 dBm has been reduced by 3.4 dB to 20.6 dBm.
10. For 3Tx TxBF modes of operation presented in this section of the test report, the EUT has a directional antenna gain of 11.0 dBi. In accordance with Part 15.407(a)(2), the limit was reduced by the amount in dB the antenna gain exceeds 6 dBi. Therefore the limit of 24.0 dBm has been reduced by 5.0 dB to 19.0 dBm.
11. For details on antenna gains refer to Section 3.4 of this test report.
12. 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.
13. The EUT with serial number C02VQ00SJKHY was used for non-TxBF tests, the EUT with serial number C02W6002JTFO was used for TxBF tests.

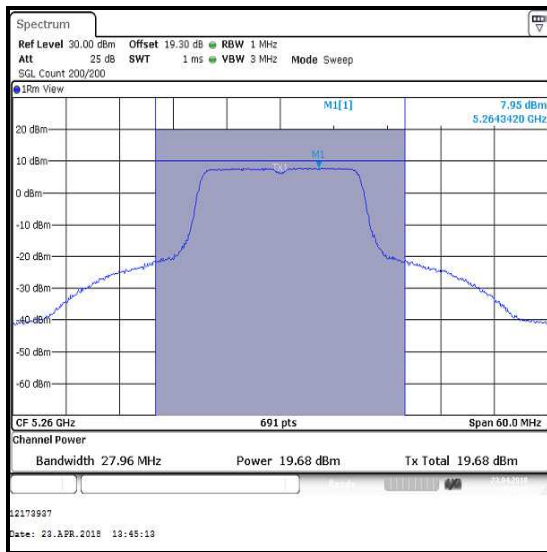
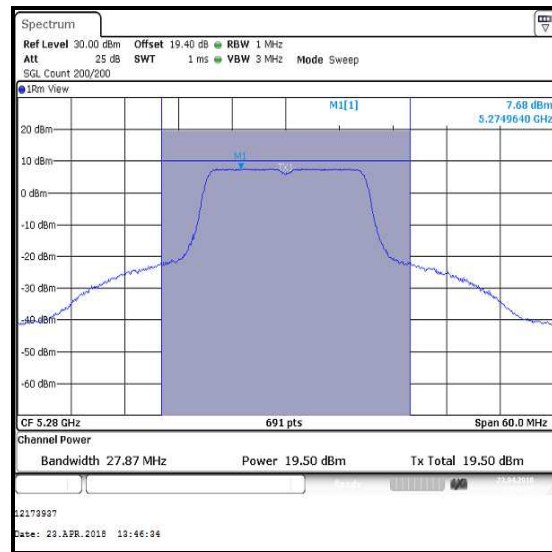
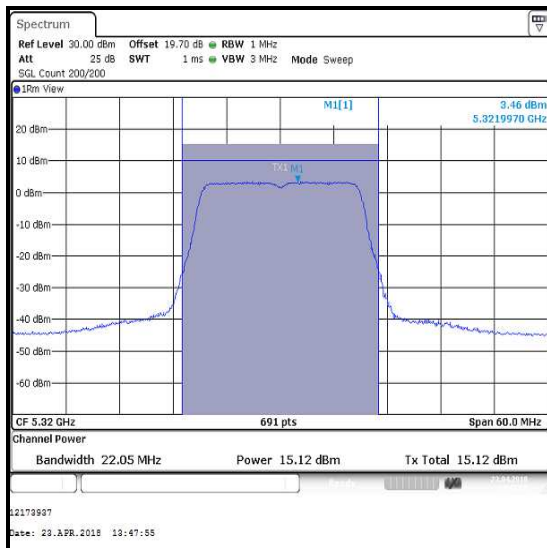
Transmitter Maximum Conducted Output Power (5.25-5.35 GHz band) (continued)**Results: 802.11a / 20 MHz / SISO / BPSK / 6 Mbps / Port WF1**

Channel	Frequency (MHz)	Conducted Power (dBm)	Limit (dBm)	Margin (dB)	Result
Bottom	5260	19.8	23.5	3.7	Complied
Middle	5280	19.4	23.5	4.1	Complied
Top	5320	15.5	23.5	8.0	Complied

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

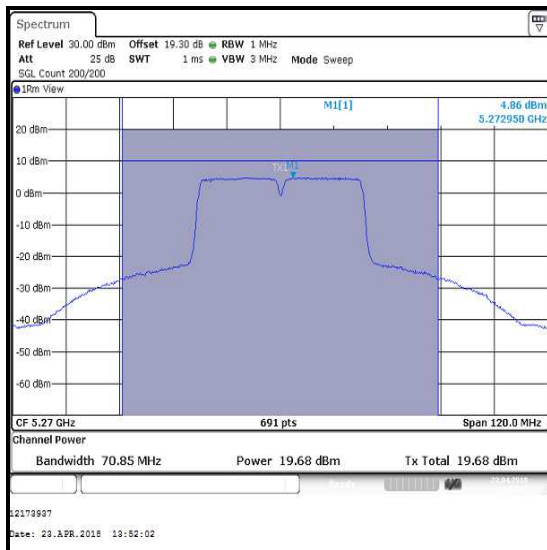
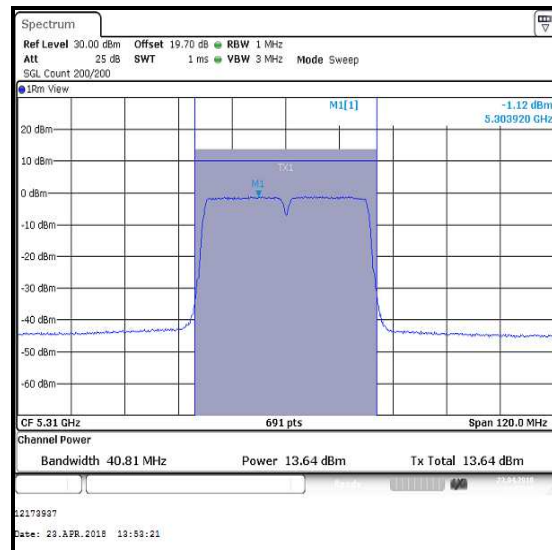
Transmitter Maximum Conducted Output Power (5.25-5.35 GHz band) (continued)**Results: 802.11n / 20 MHz / SISO / BPSK / MCS0 / Port WF1**

Channel	Frequency (MHz)	Conducted Power (dBm)	Limit (dBm)	Margin (dB)	Result
Bottom	5260	19.7	23.5	3.8	Complied
Middle	5280	19.5	23.5	4.0	Complied
Top	5320	15.1	23.5	8.4	Complied

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

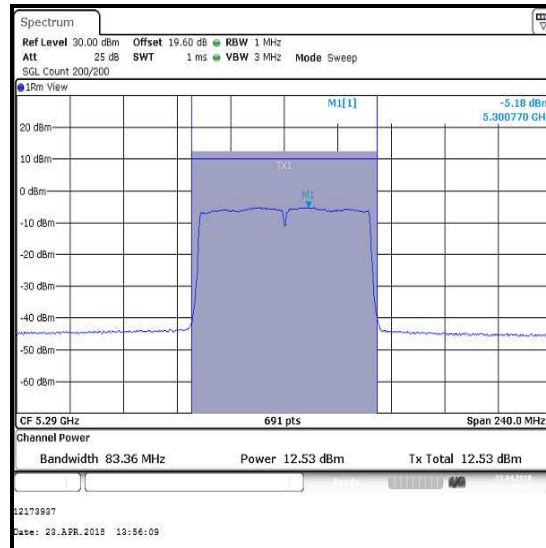
Transmitter Maximum Conducted Output Power (5.25-5.35 GHz band) (continued)**Results: 802.11n / 40 MHz / SISO / BPSK / MCS0 / Port WF1**

Channel	Frequency (MHz)	Conducted Power (dBm)	Duty cycle correction factor (dB)	Corrected Conducted Power (dBm)	Limit (dBm)	Margin (dB)	Result
Bottom	5270	19.7	0.1	19.8	23.5	3.7	Complied
Top	5310	13.6	0.1	13.7	23.5	9.8	Complied

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

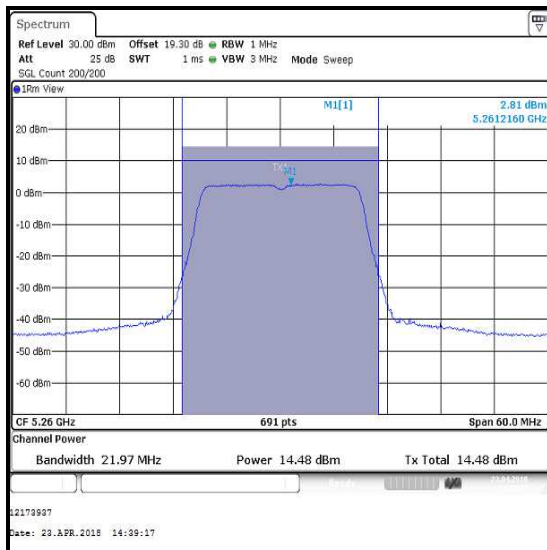
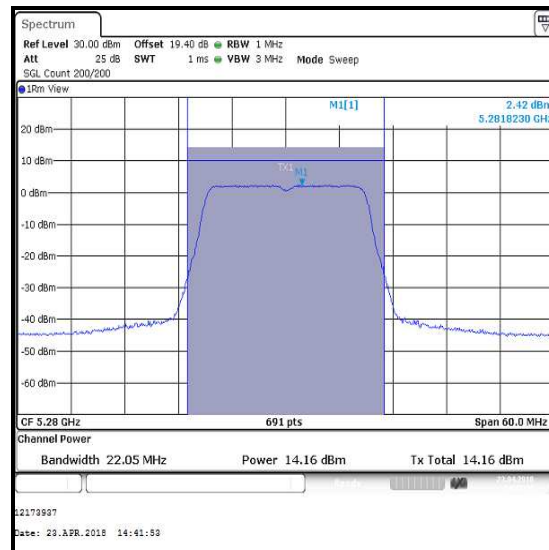
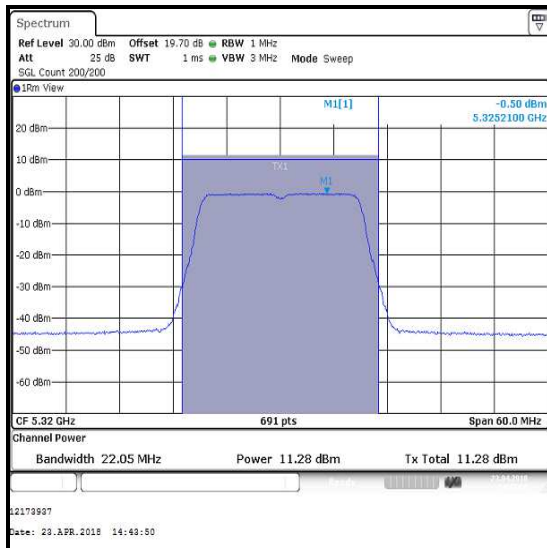
Transmitter Maximum Conducted Output Power (5.25-5.35 GHz band) (continued)**Results: 802.11ac / 80 MHz / SISO / BPSK / MCS0 / Port WF1**

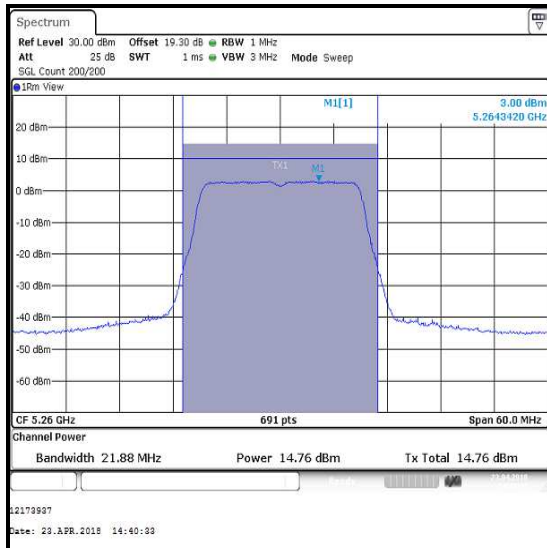
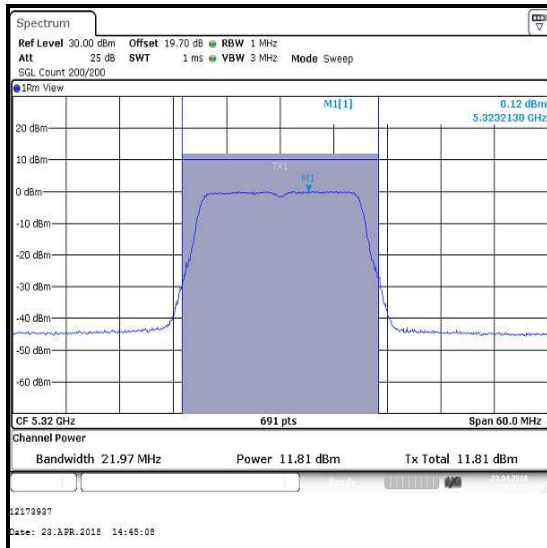
Channel	Frequency (MHz)	Conducted Power (dBm)	Duty cycle correction factor (dB)	Corrected Conducted Power (dBm)	Limit (dBm)	Margin (dB)	Result
Single	5290	12.5	0.2	12.7	23.5	10.8	Complied

**Single Channel**

Transmitter Maximum Conducted Output Power (5.25-5.35 GHz band) (continued)**Results: 802.11n / 20 MHz / MIMO / 2Tx CDD / BPSK / MCS0**

Channel	Frequency (MHz)	Conducted Power Port WF1 (dBm)	Conducted Power Port WF3 (dBm)	Combined Conducted Power (dBm)	Limit (dBm)	Margin (dB)	Result
Bottom	5260	14.5	14.8	17.7	23.5	5.8	Complied
Middle	5280	14.2	14.3	17.3	23.5	6.2	Complied
Top	5320	11.3	11.8	14.6	23.5	8.9	Complied

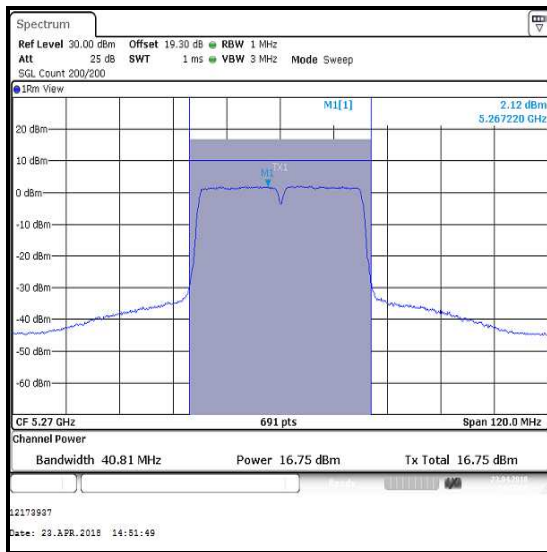
Results: 802.11n / 20 MHz / MIMO / 2Tx CDD / BPSK / MCS0 / Port WF1**Bottom Channel****Middle Channel****Top Channel**

Transmitter Maximum Conducted Output Power (5.25-5.35 GHz band) (continued)**Results: 802.11n / 20 MHz / MIMO / 2Tx CDD / BPSK / MCS0 / Port WF3****Bottom Channel****Middle Channel****Top Channel**

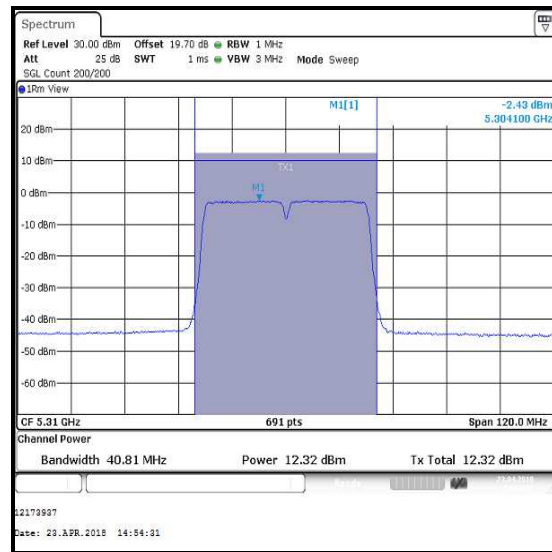
Transmitter Maximum Conducted Output Power (5.25-5.35 GHz band) (continued)**Results: 802.11n / 40 MHz / MIMO / 2Tx CDD / BPSK / MCS0**

Channel	Frequency (MHz)	Port WF1			Port WF3		
		Conducted Power (dBm)	Duty Cycle correction (dB)	Corrected Conducted Power (dBm)	Conducted Power (dBm)	Duty Cycle correction (dB)	Corrected Conducted Power (dBm)
Bottom	5270	16.8	0.1	16.9	17.1	0.1	17.2
Top	5310	12.3	0.1	12.4	12.8	0.1	12.9

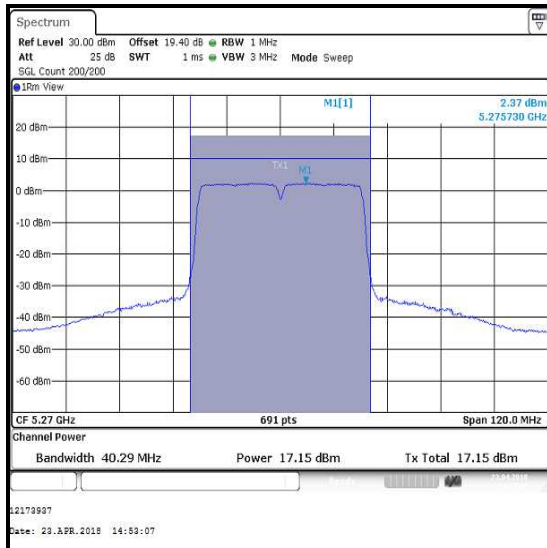
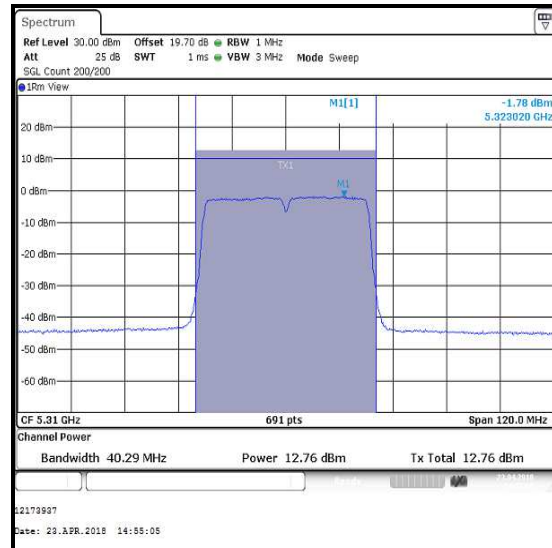
Channel	Frequency (MHz)	Corrected Conducted Power Port WF1 (dBm)	Corrected Conducted Power Port WF3 (dBm)	Combined Conducted Power (dBm)	Limit (dBm)	Margin (dB)	Result
Bottom	5270	16.9	17.2	20.1	23.5	3.4	Complied
Top	5310	12.4	12.9	15.7	23.5	7.8	Complied

Results: 802.11n / 40 MHz / MIMO / 2Tx CDD / BPSK / MCS0 / Port WF1

Bottom Channel



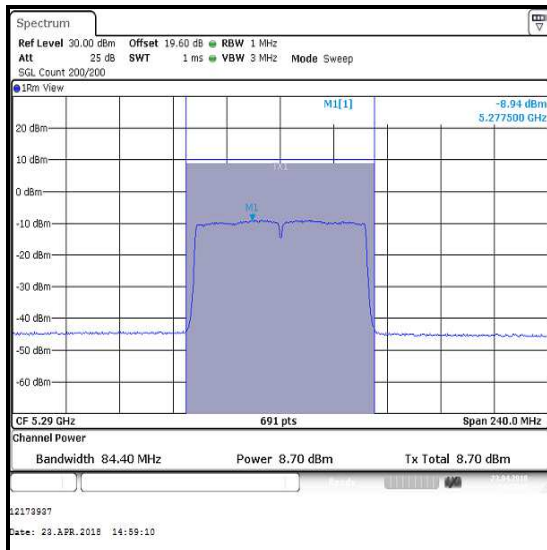
Top Channel

Transmitter Maximum Conducted Output Power (5.25-5.35 GHz band) (continued)**Results: 802.11n / 40 MHz / MIMO / 2Tx CDD / BPSK / MCS0 / Port WF3****Bottom Channel****Top Channel**

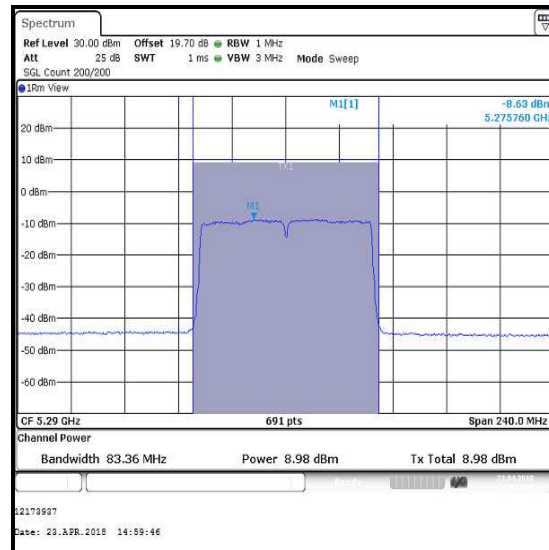
Transmitter Maximum Conducted Output Power (5.25-5.35 GHz band) (continued)**Results: 802.11ac / 80 MHz / MIMO / 2Tx CDD / BPSK / MCS0**

Channel	Frequency (MHz)	Port WF1			Port WF3		
		Conducted Power (dBm)	Duty Cycle correction (dB)	Corrected Conducted Power (dBm)	Conducted Power (dBm)	Duty Cycle correction (dB)	Corrected Conducted Power (dBm)
Single	5290	8.7	0.2	8.9	9.0	0.2	9.2

Channel	Frequency (MHz)	Corrected Conducted Power Port WF1 (dBm)	Corrected Conducted Power Port WF3 (dBm)	Combined Conducted Power (dBm)	Limit (dBm)	Margin (dB)	Result
Single	5290	8.9	9.2	12.1	23.5	11.4	Complied



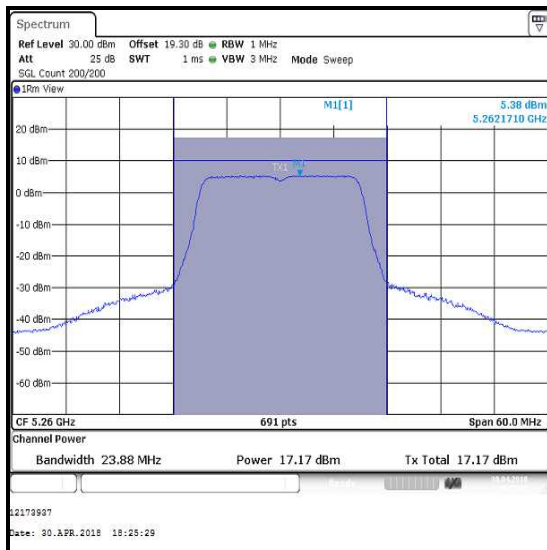
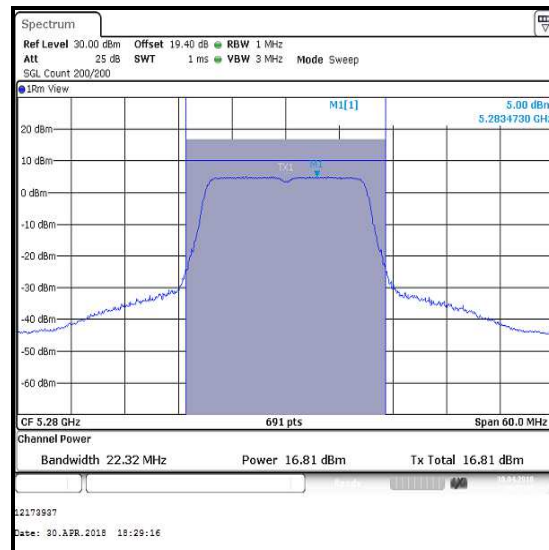
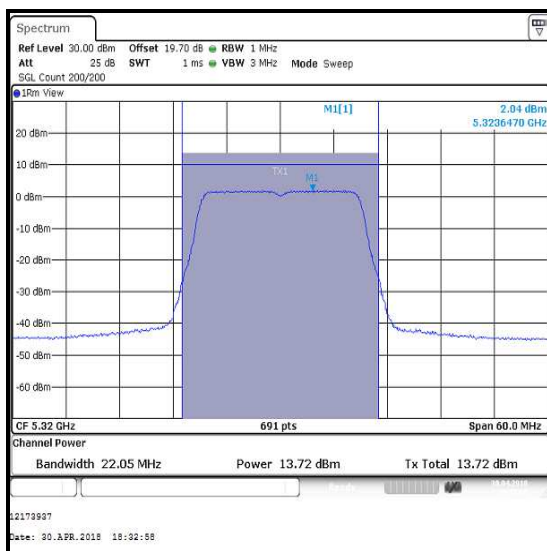
Single Channel / Port WF1

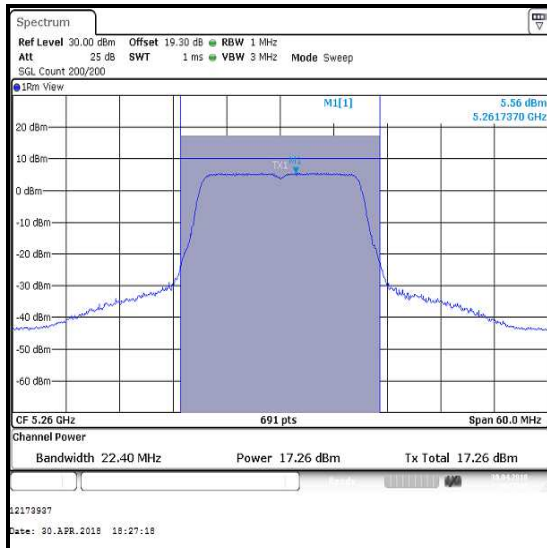
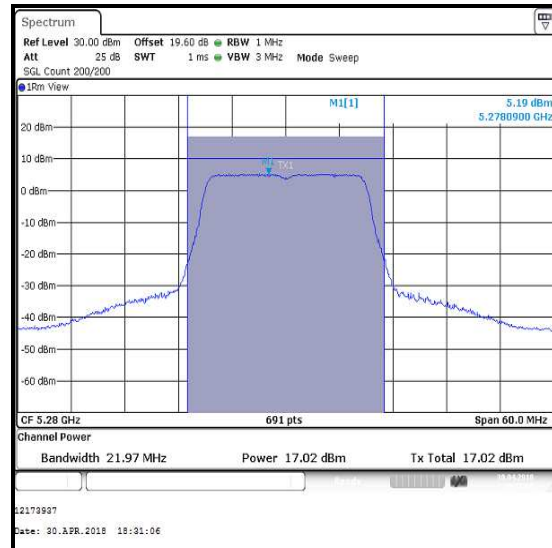
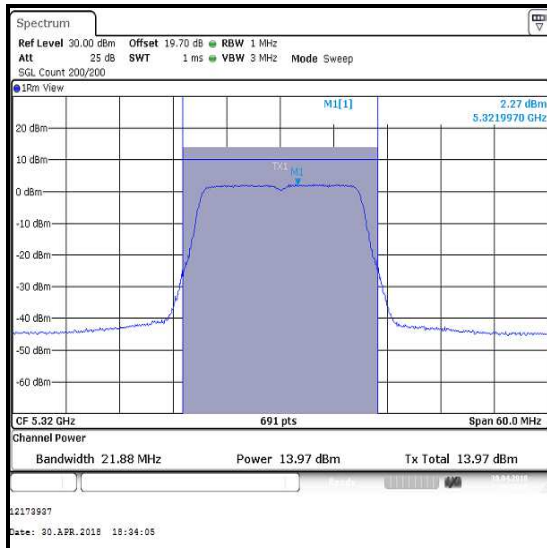


Single Channel / Port WF3

Transmitter Maximum Conducted Output Power (5.25-5.35 GHz band) (continued)**Results: 802.11n / 20 MHz / MIMO / 2Tx STBC / BPSK / MCS0**

Channel	Frequency (MHz)	Conducted Power Port WF1 (dBm)	Conducted Power Port WF3 (dBm)	Combined Conducted Power (dBm)	Limit (dBm)	Margin (dB)	Result
Bottom	5260	17.2	17.3	20.3	23.6	3.3	Complied
Middle	5280	16.8	17.0	19.9	23.6	3.7	Complied
Top	5320	13.7	14.0	16.9	23.6	6.7	Complied

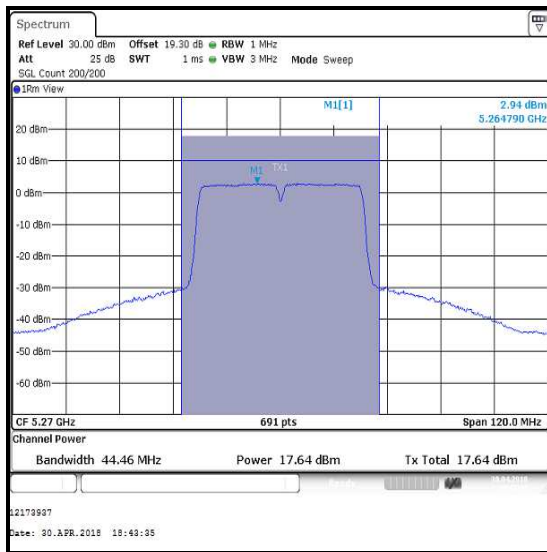
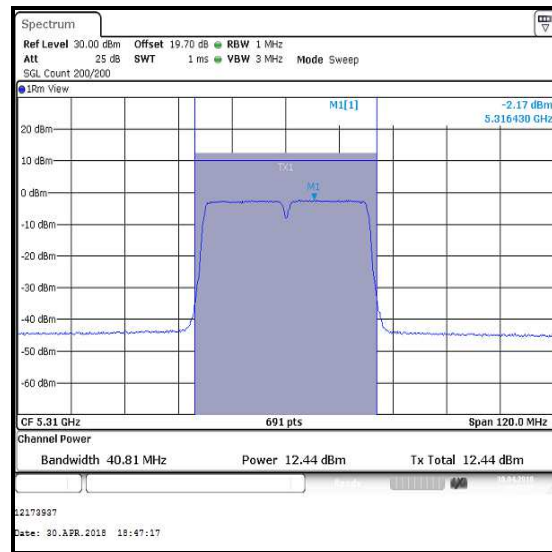
Results: 802.11n / 20 MHz / MIMO / 2Tx STBC / BPSK / MCS0 / Port WF1**Bottom Channel****Middle Channel****Top Channel**

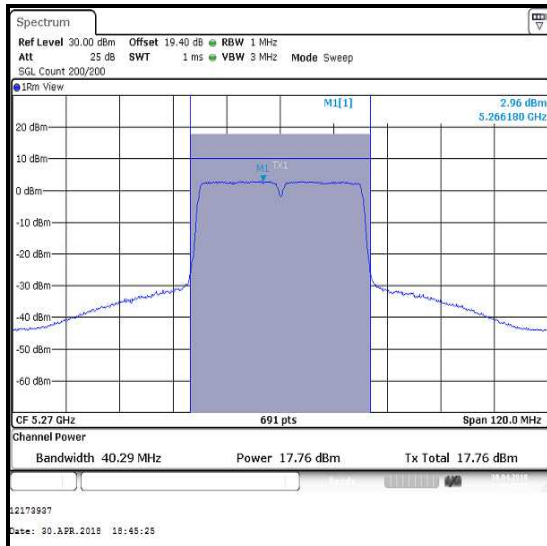
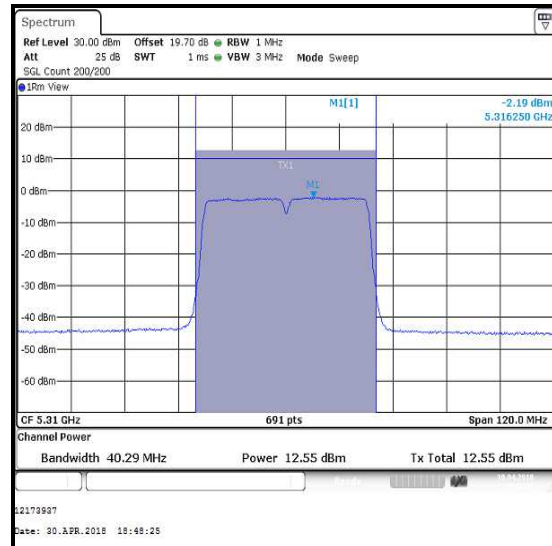
Transmitter Maximum Conducted Output Power (5.25-5.35 GHz band) (continued)**Results: 802.11n / 20 MHz / MIMO / 2Tx STBC / BPSK / MCS0 / Port WF3****Bottom Channel****Middle Channel****Top Channel**

Transmitter Maximum Conducted Output Power (5.25-5.35 GHz band) (continued)**Results: 802.11n / 40 MHz / MIMO / 2Tx STBC / BPSK / MCS0**

Channel	Frequency (MHz)	Port WF1			Port WF3		
		Conducted Power (dBm)	Duty Cycle correction (dB)	Corrected Conducted Power (dBm)	Conducted Power (dBm)	Duty Cycle correction (dB)	Corrected Conducted Power (dBm)
Bottom	5270	17.6	0.1	17.7	17.8	0.1	17.9
Top	5310	12.4	0.1	12.5	12.6	0.1	12.7

Channel	Frequency (MHz)	Corrected Conducted Power Port WF1 (dBm)	Corrected Conducted Power Port WF3 (dBm)	Combined Conducted Power (dBm)	Limit (dBm)	Margin (dB)	Result
Bottom	5270	17.7	17.9	20.8	23.6	2.8	Complied
Top	5310	12.5	12.7	15.6	23.6	8.0	Complied

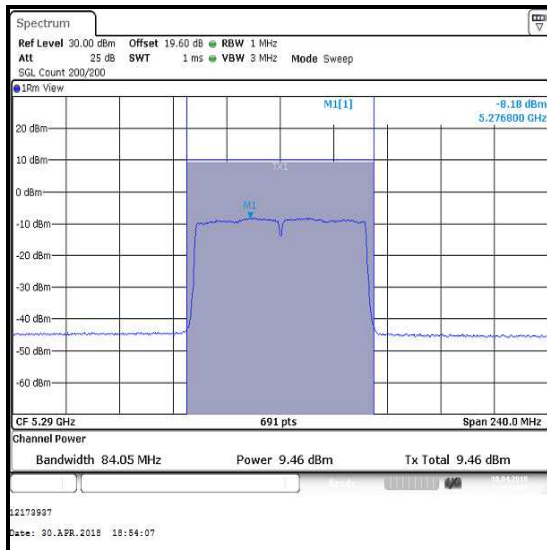
Results: 802.11n / 40 MHz / MIMO / 2Tx STBC / BPSK / MCS0 / Port WF1**Bottom Channel****Top Channel**

Transmitter Maximum Conducted Output Power (5.25-5.35 GHz band) (continued)**Results: 802.11n / 40 MHz / MIMO / 2Tx STBC / BPSK / MCS0 / Port WF3****Bottom Channel****Top Channel**

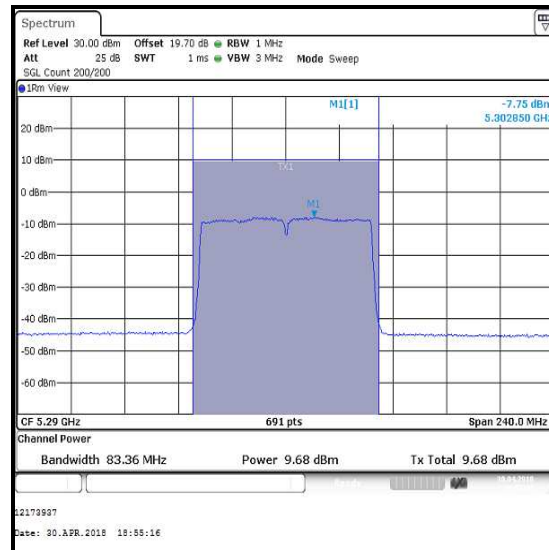
Transmitter Maximum Conducted Output Power (5.25-5.35 GHz band) (continued)**Results: 802.11ac / 80 MHz / MIMO / 2Tx STBC / BPSK / MCS0**

Channel	Frequency (MHz)	Port WF1			Port WF3		
		Conducted Power (dBm)	Duty Cycle correction (dB)	Corrected Conducted Power (dBm)	Conducted Power (dBm)	Duty Cycle correction (dB)	Corrected Conducted Power (dBm)
Single	5290	9.5	0.2	9.7	9.7	0.2	9.9

Channel	Frequency (MHz)	Corrected Conducted Power Port WF1 (dBm)	Corrected Conducted Power Port WF3 (dBm)	Combined Conducted Power (dBm)	Limit (dBm)	Margin (dB)	Result
Single	5290	9.7	9.9	12.8	23.6	10.8	Complied



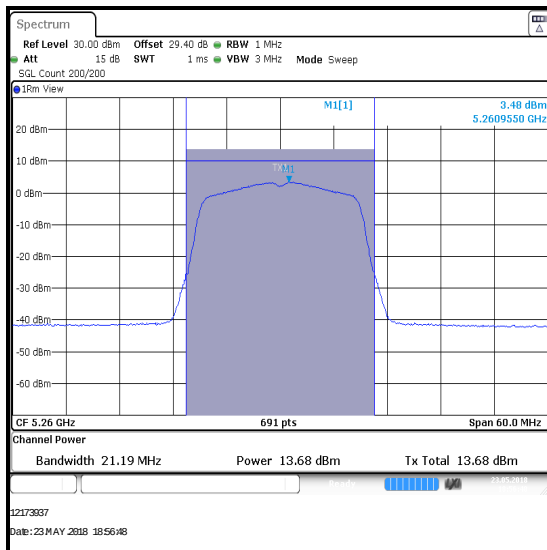
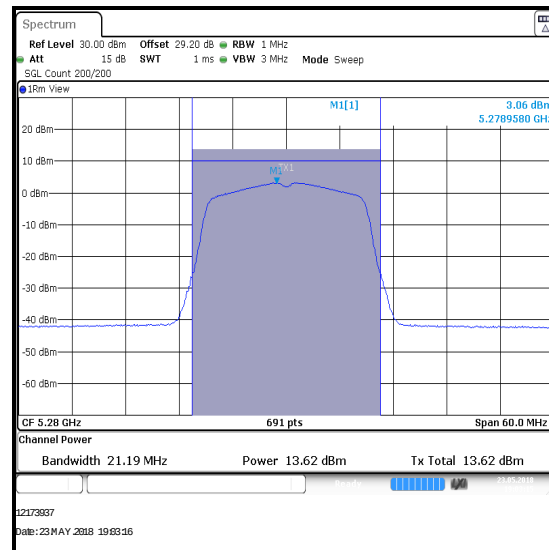
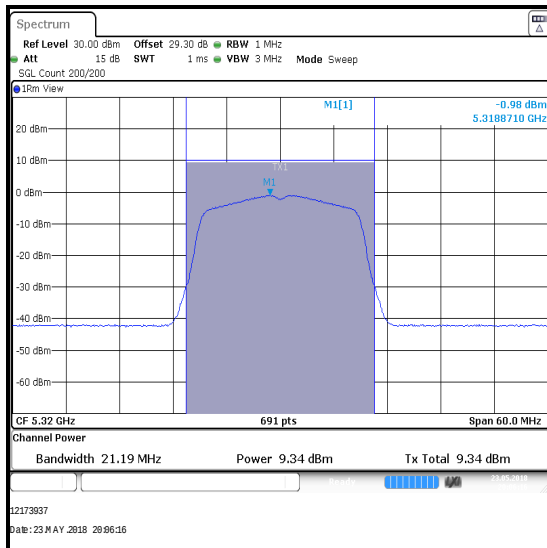
Single Channel / Port WF1

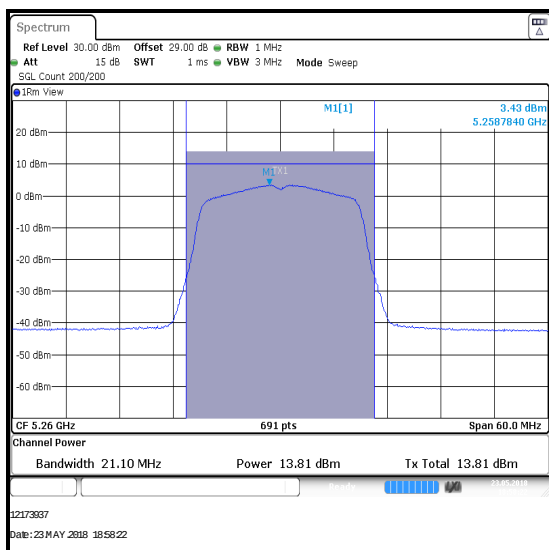
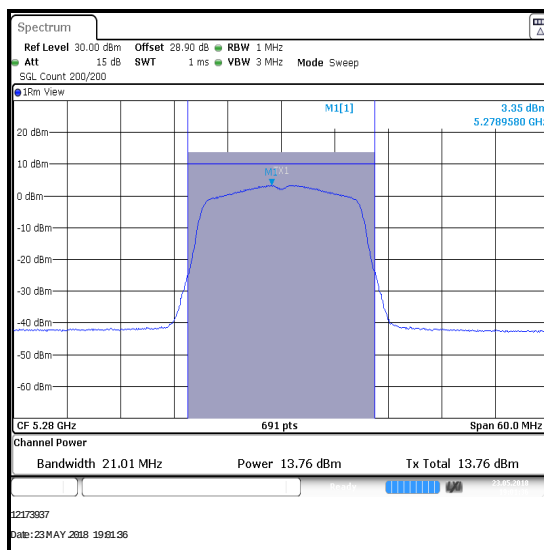
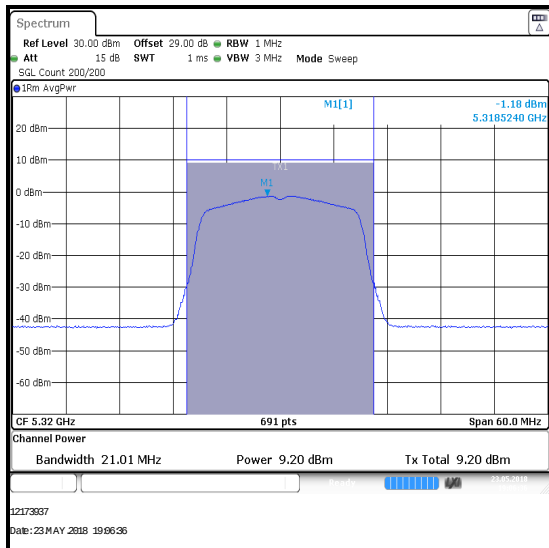


Single Channel / Port WF3

Transmitter Maximum Conducted Output Power (5.25-5.35 GHz band) (continued)**Results: 802.11n / 20 MHz / MIMO / 2Tx TxBF / BPSK / MCS0**

Channel	Frequency (MHz)	Conducted Power Port WF1 (dBm)	Conducted Power Port WF3 (dBm)	Combined Conducted Power (dBm)	Limit (dBm)	Margin (dB)	Result
Bottom	5260	13.7	13.8	16.8	20.6	3.8	Complied
Middle	5280	13.6	13.8	16.7	20.6	3.9	Complied
Top	5320	9.3	9.2	12.3	20.6	8.3	Complied

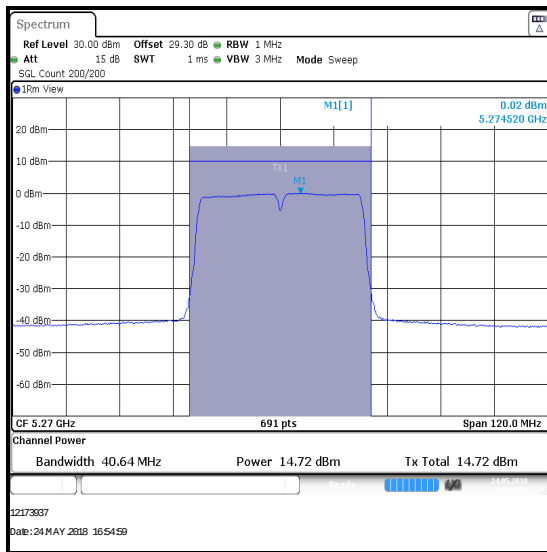
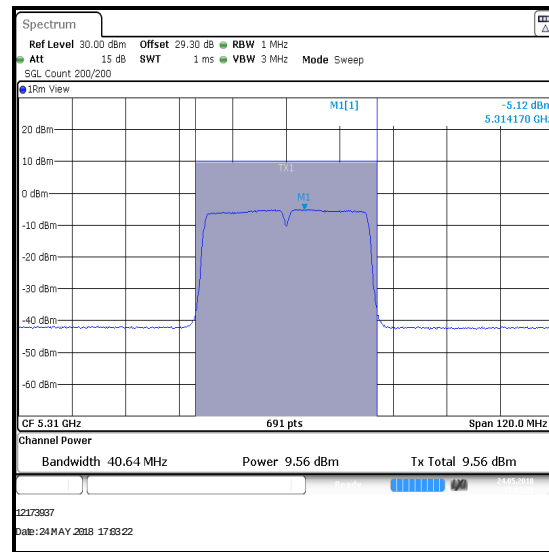
Results: 802.11n / 20 MHz / MIMO / 2Tx TxBF / BPSK / MCS0 / Port WF1**Bottom Channel****Middle Channel****Top Channel**

Transmitter Maximum Conducted Output Power (5.25-5.35 GHz band) (continued)**Results: 802.11n / 20 MHz / MIMO / 2Tx TxBF / BPSK / MCS0 / Port WF3****Bottom Channel****Middle Channel****Top Channel**

Transmitter Maximum Conducted Output Power (5.25-5.35 GHz band) (continued)**Results: 802.11n / 40 MHz / MIMO / 2Tx TxBF / BPSK / MCS0**

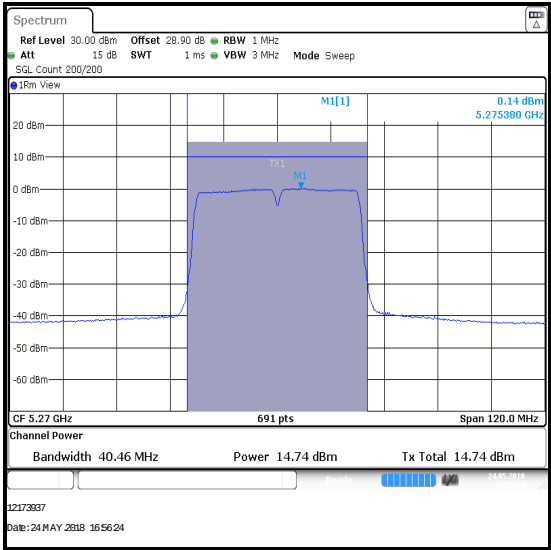
Channel	Frequency (MHz)	Port WF1			Port WF3		
		Conducted Power (dBm)	Duty Cycle correction (dB)	Corrected Conducted Power (dBm)	Conducted Power (dBm)	Duty Cycle correction (dB)	Corrected Conducted Power (dBm)
Bottom	5270	14.7	0.2	14.9	14.7	0.2	14.9
Top	5310	9.6	0.2	9.8	9.5	0.2	9.7

Channel	Frequency (MHz)	Corrected Conducted Power Port WF1 (dBm)	Corrected Conducted Power Port WF3 (dBm)	Combined Conducted Power (dBm)	Limit (dBm)	Margin (dB)	Result
Bottom	5270	14.9	14.9	17.9	20.6	2.7	Complied
Top	5310	9.8	9.7	12.8	20.6	7.8	Complied

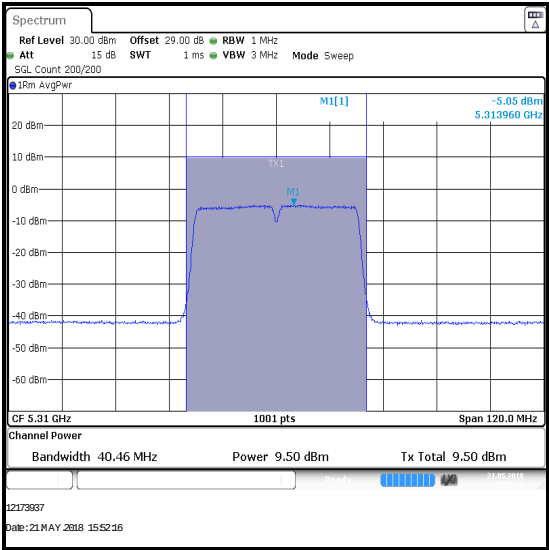
Results: 802.11n / 40 MHz / MIMO / 2Tx TxBF / BPSK / MCS0 / Port WF1**Bottom Channel****Top Channel**

Transmitter Maximum Conducted Output Power (5.25-5.35 GHz band) (continued)

Results: 802.11n / 40 MHz / MIMO / 2Tx TxBF / BPSK / MCS0 / Port WF3



Bottom Channel

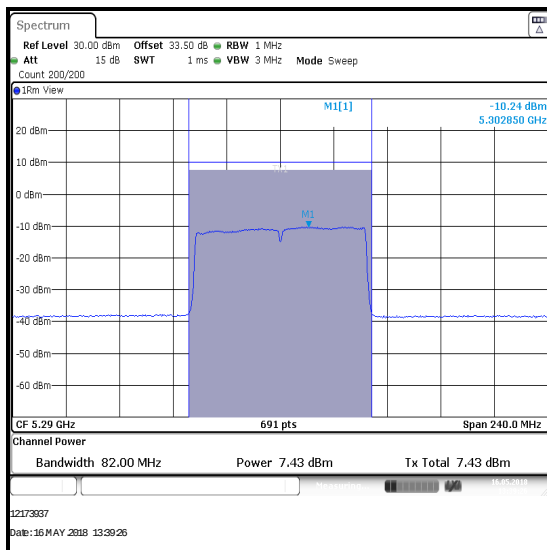


Top Channel

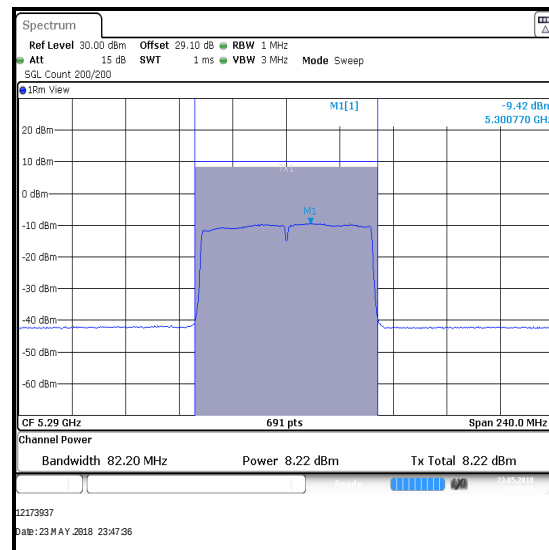
Transmitter Maximum Conducted Output Power (5.25-5.35 GHz band) (continued)**Results: 802.11ac / 80 MHz / MIMO / 2Tx TxBF / BPSK / MCS0**

Channel	Frequency (MHz)	Port WF1			Port WF3		
		Conducted Power (dBm)	Duty Cycle correction (dB)	Corrected Conducted Power (dBm)	Conducted Power (dBm)	Duty Cycle correction (dB)	Corrected Conducted Power (dBm)
Single	5290	7.4	0.1	7.5	8.2	0.1	8.3

Channel	Frequency (MHz)	Corrected Conducted Power Port WF1 (dBm)	Corrected Conducted Power Port WF3 (dBm)	Combined Conducted Power (dBm)	Limit (dBm)	Margin (dB)	Result
Single	5290	7.5	8.3	10.9	20.6	9.7	Complied



Single Channel / Port WF1

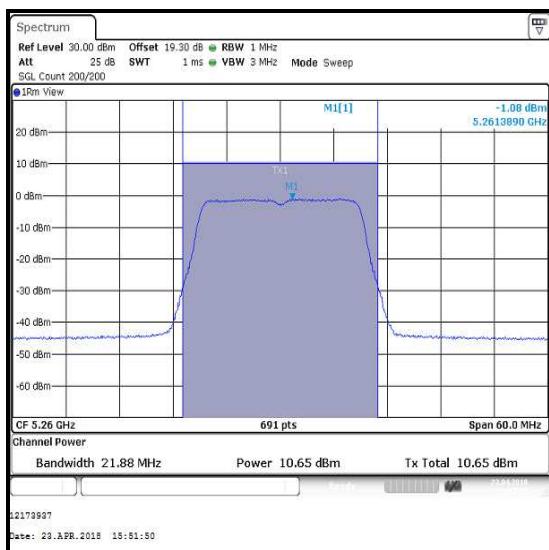
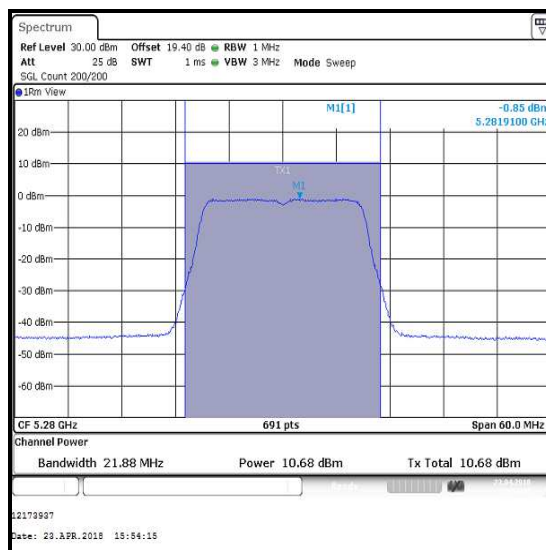
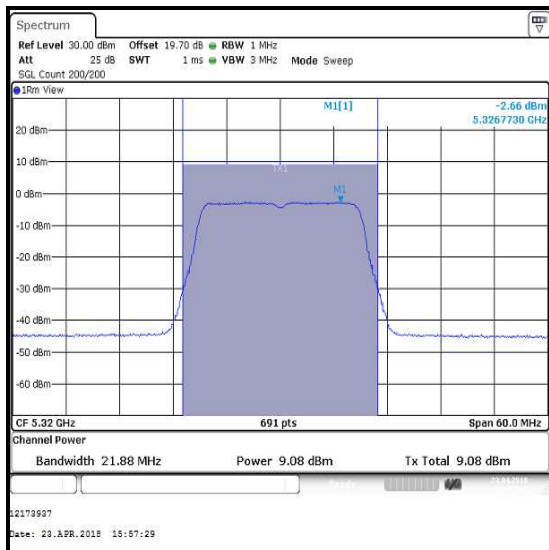


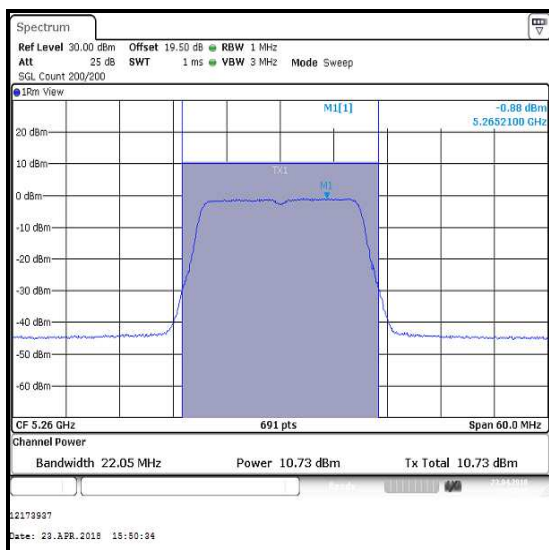
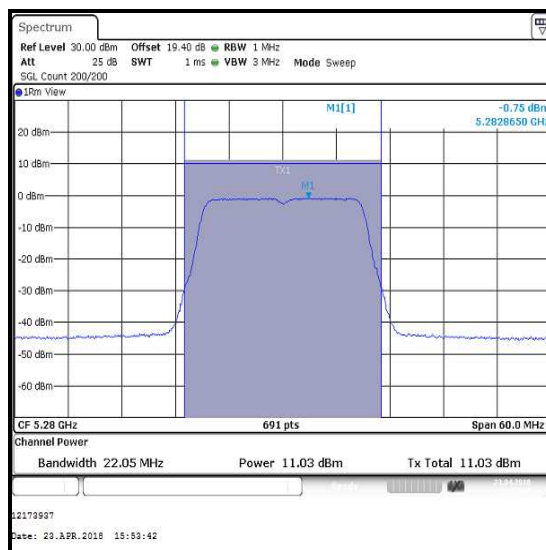
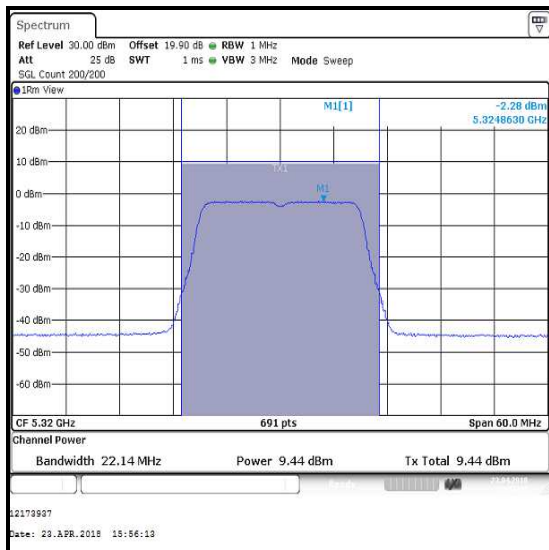
Single Channel / Port WF3

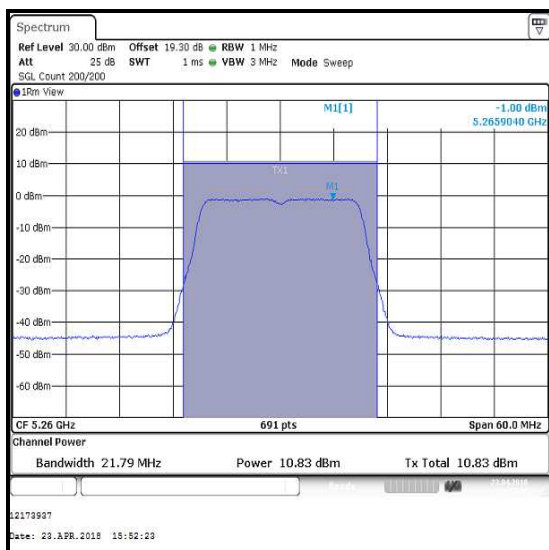
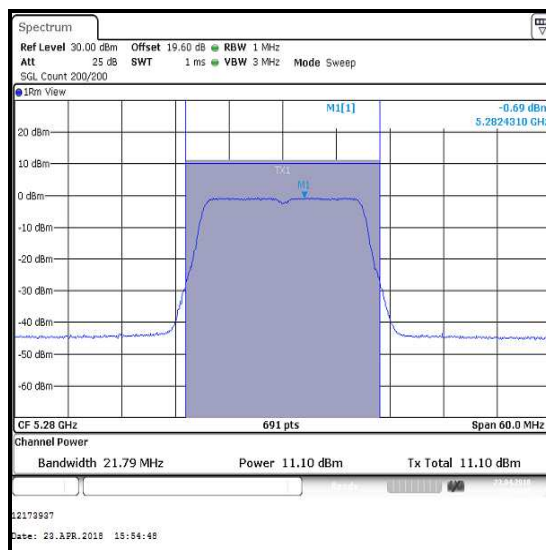
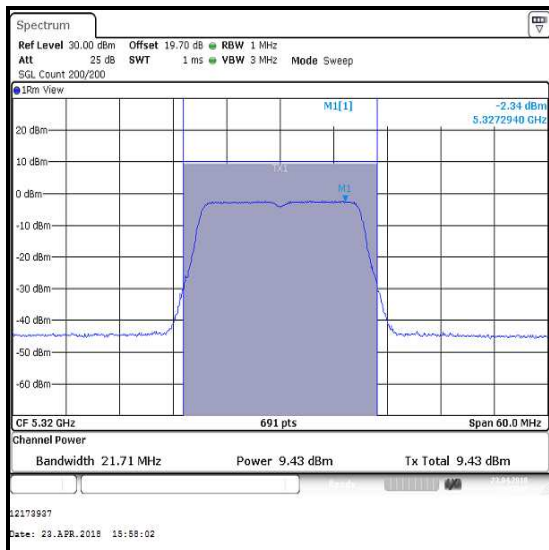
Transmitter Maximum Conducted Output Power (5.25-5.35 GHz band) (continued)**Results: 802.11n / 20 MHz / MIMO / 3Tx CDD / BPSK / MCS0**

Channel	Frequency (MHz)	Conducted Power Port WF1 (dBm)	Conducted Power Port WF2 (dBm)	Conducted Power Port WF3 (dBm)	Combined Conducted Power (dBm)
Bottom	5260	10.7	10.7	10.8	15.5
Middle	5280	10.7	11.0	11.1	15.7
Top	5320	9.1	9.4	9.4	14.1

Channel	Frequency (MHz)	Combined Conducted Power (dBm)	Limit (dBm)	Margin (dB)	Result
Bottom	5260	15.5	23.5	8.0	Complied
Middle	5280	15.7	23.5	7.8	Complied
Top	5320	14.1	23.5	9.4	Complied

Transmitter Maximum Conducted Output Power (5.25-5.35 GHz band) (continued)**Results: 802.11n / 20 MHz / MIMO / 3Tx CDD / BPSK / MCS0 / Port WF1****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 / BPSK / MCS0 / Port WF2****Bottom Channel****Middle Channel****Top Channel**

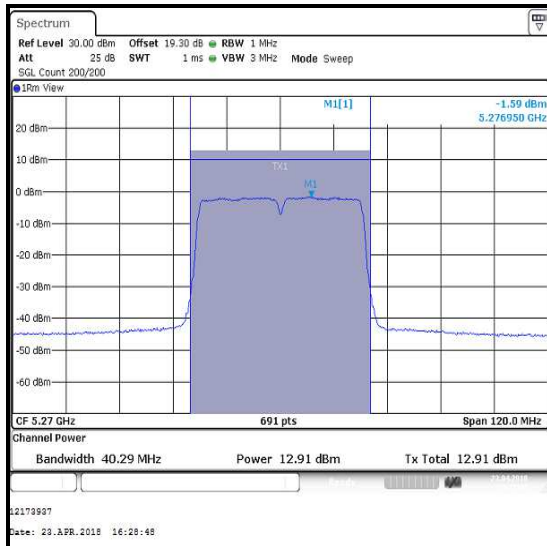
Transmitter Maximum Conducted Output Power (5.25-5.35 GHz band) (continued)**Results: 802.11n / 20 MHz / MIMO / 3Tx CDD / BPSK / MCS0 / Port WF3****Bottom Channel****Middle Channel****Top Channel**

Transmitter Maximum Conducted Output Power (5.25-5.35 GHz band) (continued)**Results: 802.11n / 40 MHz / MIMO / 3Tx CDD / BPSK / MCS0**

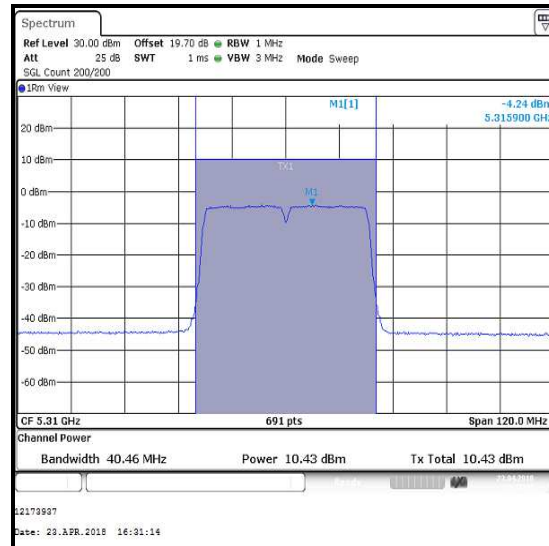
Channel	Frequency (MHz)	Port WF1			Port WF2		
		Conducted Power (dBm)	Duty Cycle correction (dB)	Corrected Conducted Power (dBm)	Conducted Power (dBm)	Duty Cycle correction (dB)	Corrected Conducted Power (dBm)
Bottom	5270	12.9	0.1	13.0	13.2	0.1	13.3
Top	5310	10.4	0.1	10.5	10.6	0.1	10.7

Channel	Frequency (MHz)	Port WF3			Ports WF1, WF2 & WF3		
		Conducted Power (dBm)	Duty Cycle correction (dB)	Corrected Conducted Power (dBm)	Corrected Conducted Power Port WF1 (dBm)	Corrected Conducted Power Port WF2 (dBm)	Corrected Conducted Power Port WF3 (dBm)
Bottom	5270	13.3	0.1	13.4	13.0	13.3	13.4
Top	5310	10.9	0.1	11.0	10.5	10.7	11.0

Channel	Frequency (MHz)	Combined Conducted Power (dBm)	Limit (dBm)	Margin (dB)	Result
Bottom	5270	18.0	23.5	5.5	Complied
Top	5310	15.5	23.5	8.0	Complied

Results: 802.11n / 40 MHz / MIMO / 3Tx CDD / BPSK / MCS0 / Port WF1

Bottom Channel



Top Channel