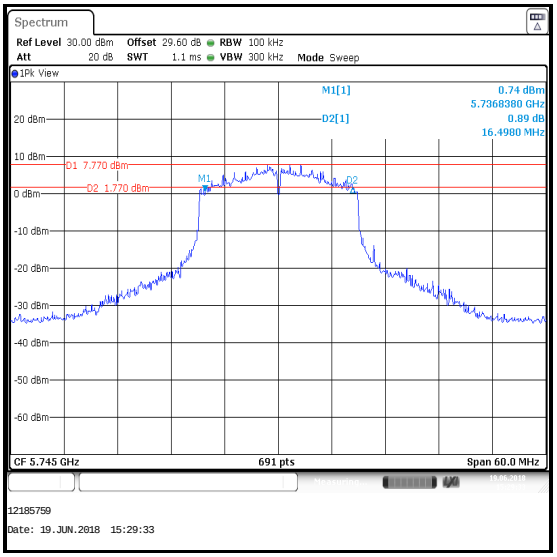
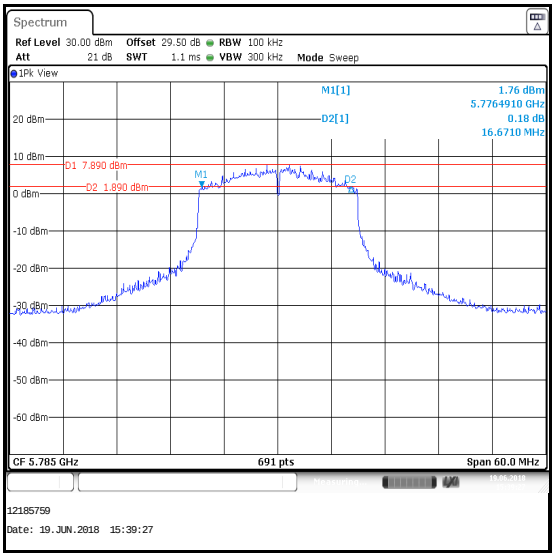
Transmitter Minimum 6 dB Bandwidth (5.725-5.85 GHz band) (continued)

Results: 802.11n / 20 MHz / MIMO / 3Tx TXBF / BPSK / MCS0 / Core 1

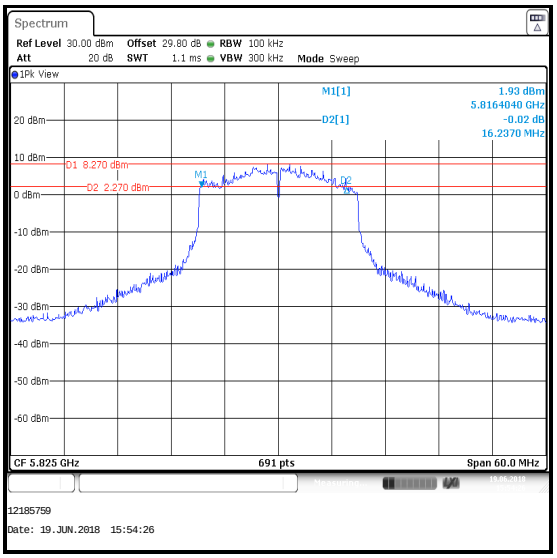
Channel	6 dB Bandwidth (kHz)	Limit (kHz)	Margin (kHz)	Result
Bottom	16498	≥500	15998	Complied
Middle	16671	≥500	16171	Complied
Top	16237	≥500	15737	Complied



Bottom Channel



Middle Channel

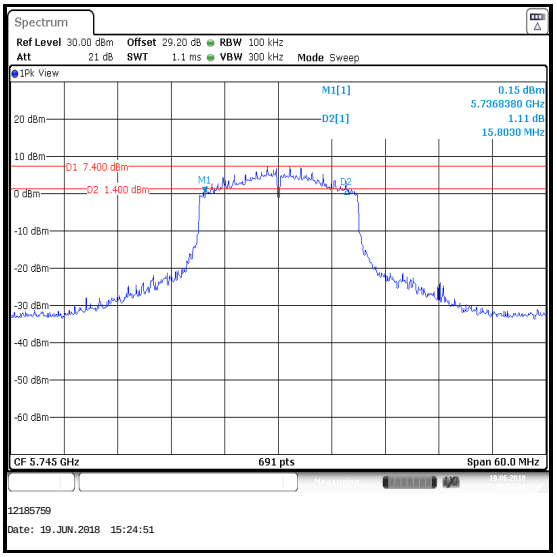


Top Channel

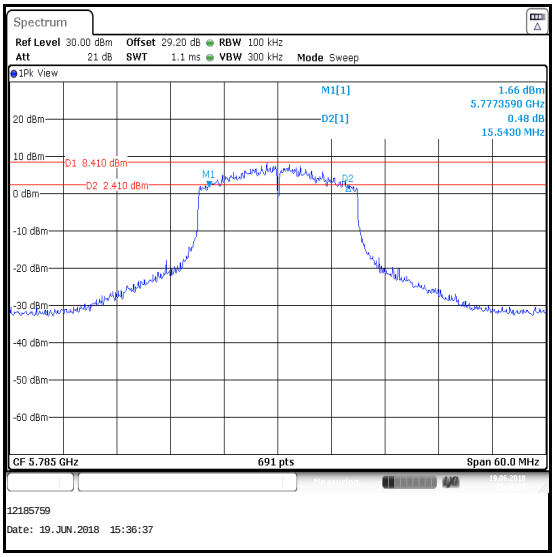
Transmitter Minimum 6 dB Bandwidth (5.725-5.85 GHz band) (continued)

Results: 802.11n / 20 MHz / MIMO / 3Tx TXBF / BPSK / MCS0 / Core 0

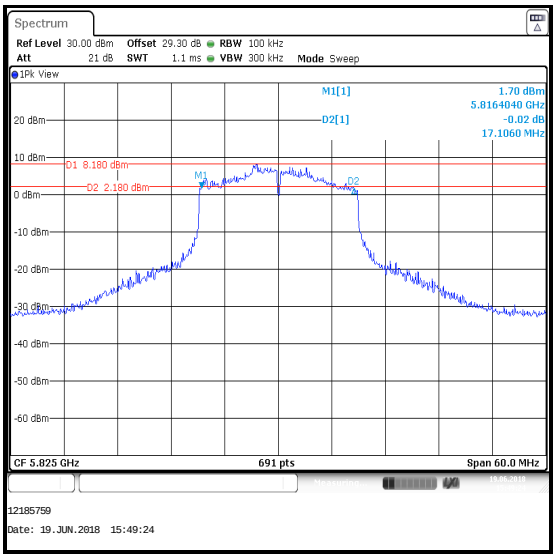
Channel	6 dB Bandwidth (kHz)	Limit (kHz)	Margin (kHz)	Result
Bottom	15803	≥500	15303	Complied
Middle	15543	≥500	15043	Complied
Top	17106	≥500	16606	Complied



Bottom Channel



Middle Channel

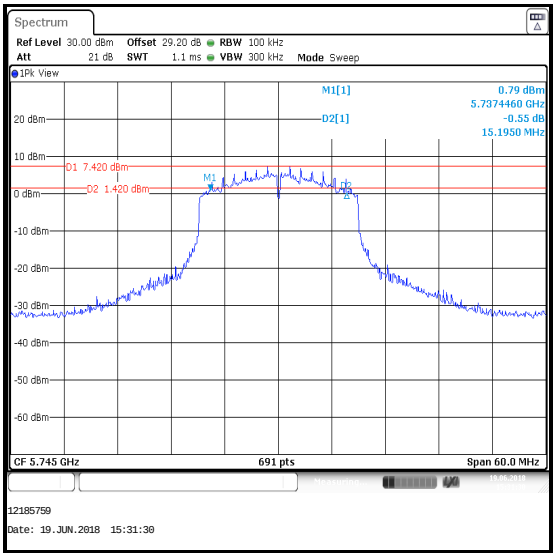


Top Channel

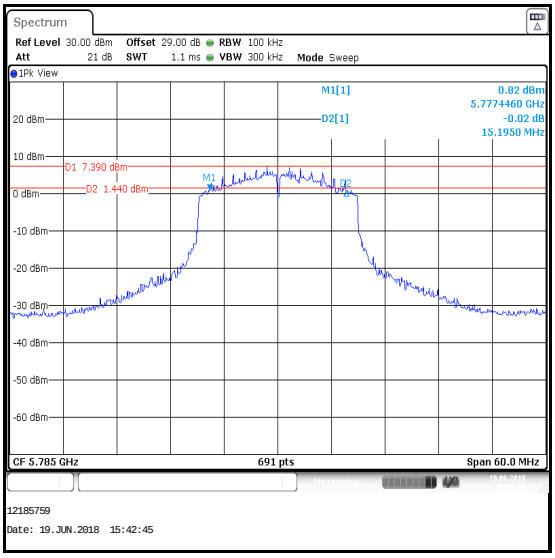
Transmitter Minimum 6 dB Bandwidth (5.725-5.85 GHz band) (continued)

Results: 802.11n / 20 MHz / MIMO / 3Tx TXBF / BPSK / MCS0 / Core 2

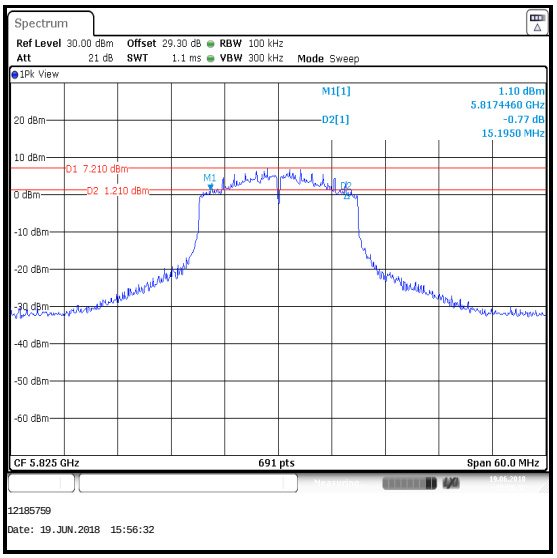
Channel	6 dB Bandwidth (kHz)	Limit (kHz)	Margin (kHz)	Result
Bottom	15195	≥500	14695	Complied
Middle	15195	≥500	14695	Complied
Top	15195	≥500	14695	Complied



Bottom Channel



Middle Channel

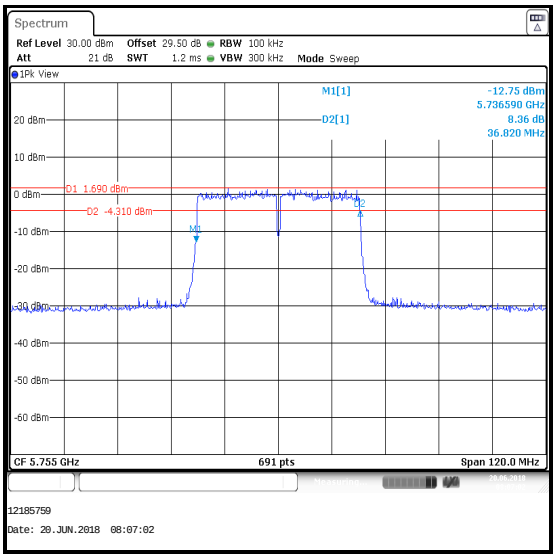


Top Channel

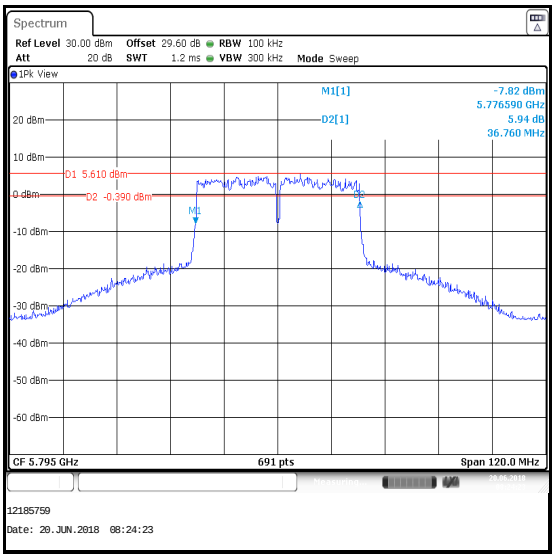
Transmitter Minimum 6 dB Bandwidth (5.725-5.85 GHz band) (continued)

Results: 802.11n / 40 MHz / MIMO / 3Tx TXBF / BPSK / MCS0 / Core 1

Channel	6 dB Bandwidth (kHz)	Limit (kHz)	Margin (kHz)	Result
Bottom	36820	≥500	36320	Complied
Top	36760	≥500	36260	Complied



Bottom Channel

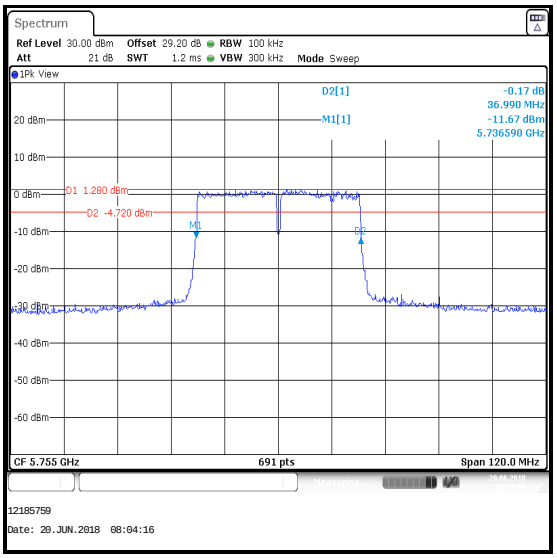


Top Channel

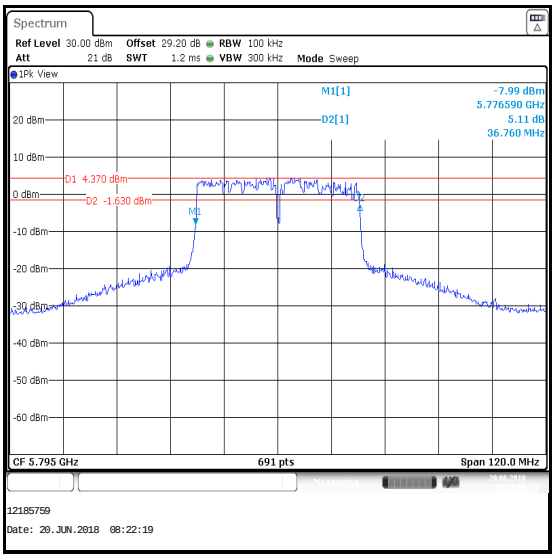
Transmitter Minimum 6 dB Bandwidth (5.725-5.85 GHz band) (continued)

Results: 802.11n / 40 MHz / MIMO / 3Tx TXBF / BPSK / MCS0 / Core 0

Channel	6 dB Bandwidth (kHz)	Limit (kHz)	Margin (kHz)	Result
Bottom	36990	≥500	36490	Complied
Top	36760	≥500	36260	Complied



Bottom Channel

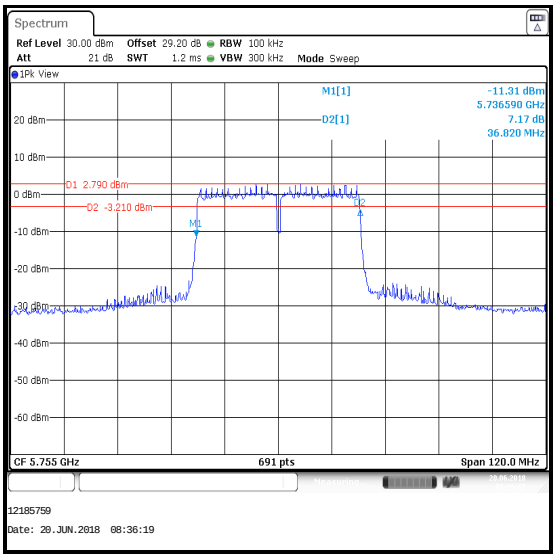


Top Channel

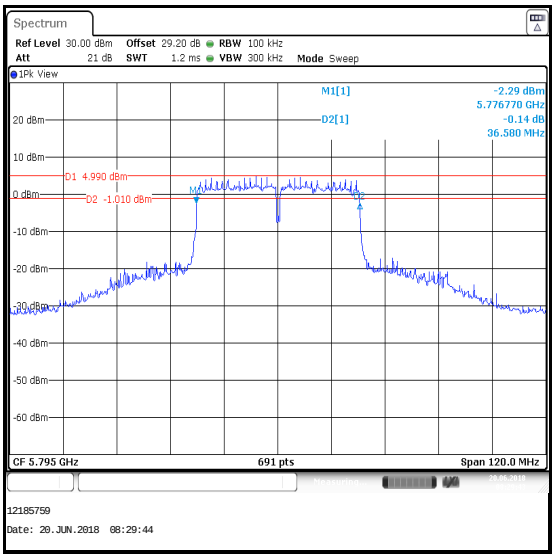
Transmitter Minimum 6 dB Bandwidth (5.725-5.85 GHz band) (continued)

Results: 802.11n / 40 MHz / MIMO / 3Tx TXBF / BPSK / MCS0 / Core 2

Channel	6 dB Bandwidth (kHz)	Limit (kHz)	Margin (kHz)	Result
Bottom	36820	≥500	36320	Complied
Top	36580	≥500	36080	Complied



Bottom Channel

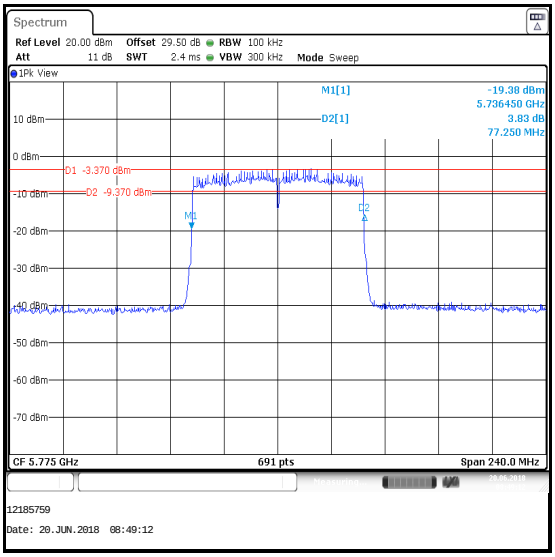


Top Channel

Transmitter Minimum 6 dB Bandwidth (5.725-5.85 GHz band) (continued)

Results: 802.11ac / 80 MHz / MIMO / 3Tx TXBF / BPSK / MCS0 / Core 1

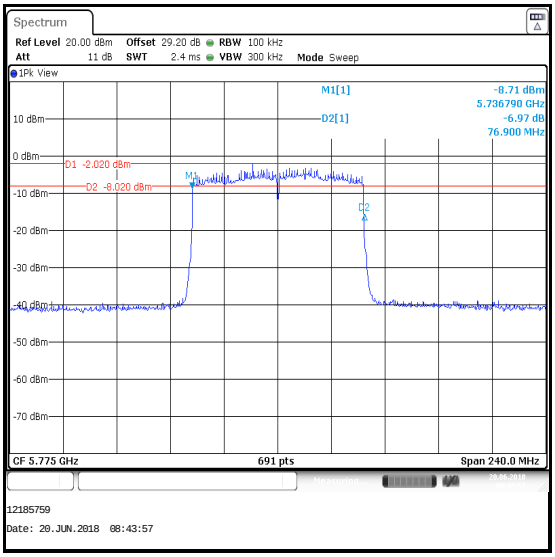
Channel	6 dB Bandwidth (kHz)	Limit (kHz)	Margin (kHz)	Result
Single	77250	≥500	76750	Complied



Single Channel

Results: 802.11ac / 80 MHz / MIMO / 3Tx TXBF / BPSK / MCS0 / Core 0

Channel	6 dB Bandwidth (kHz)	Limit (kHz)	Margin (kHz)	Result
Single	76900	≥500	76400	Complied

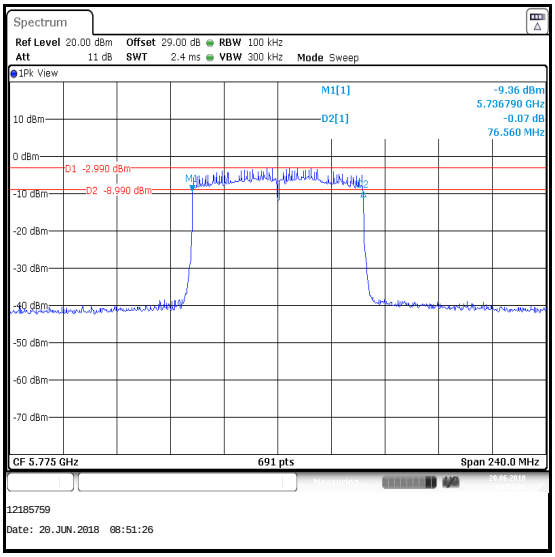


Single Channel

Transmitter Minimum 6 dB Bandwidth (5.725-5.85 GHz band) (continued)

Results: 802.11ac / 80 MHz / MIMO / 3Tx TXBF / BPSK / MCS0 / Core 2

Channel	6 dB Bandwidth (kHz)	Limit (kHz)	Margin (kHz)	Result
Single	76560	≥500	76060	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 & Matthew Botfield	**Test Dates:**	11 May 2018 to 22 June 2018
Test Sample Serial Numbers:	C02WC003JMFN & C02WC001JTGW		

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 24
Relative Humidity (%):	42 to 54

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

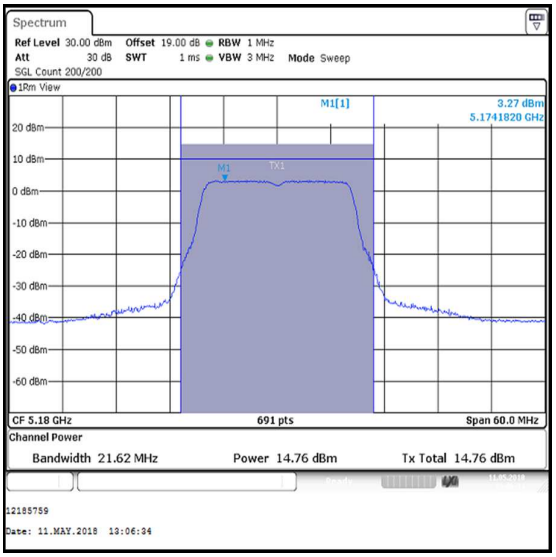
Note(s):

1. 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.
2. Measurements were performed using configurations detailed in Section 3.5 of this test report on the relevant channels.
3. 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.
4. The Part 15.407(a)(1)(iv) limit shall not exceed 250 mW (24.0 dBm).
5. 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).
6. For MIMO STBC modes of operation, the antenna gain is < 6 dBi.
7. For SISO and MIMO CDD modes of operation presented in this section of the test report, the EUT has a directional antenna gain of 6.7 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 0.7 dB to 23.3 dBm.
8. For 2Tx TxBF modes of operation presented in this section of the test report, the EUT has a directional antenna gain of 8.9 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 2.9 dB to 21.1 dBm.
9. For 3Tx TxBF modes of operation presented in this section of the test report, the EUT has a directional antenna gain of 10.0 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 4.0 dB to 20.0 dBm.
10. For details on antenna gains refer to Section 3.4 of this test report.
11. 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.
12. The EUT with serial number C02WC003JMFN was used for non-TxBF tests, the EUT with serial C02WC001JTGW number was used for TxBF tests.

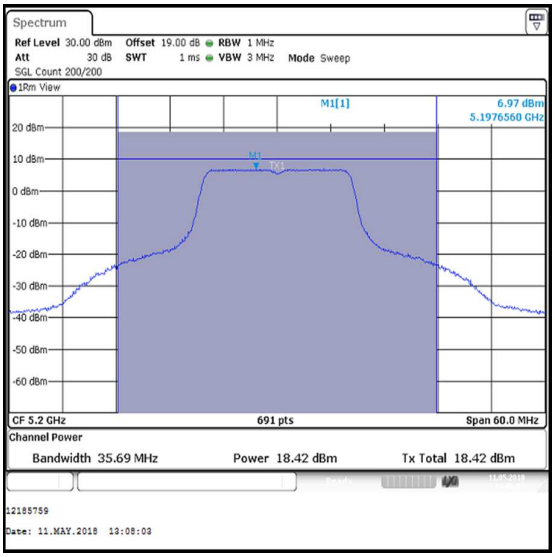
Transmitter Maximum Conducted Output Power (5.15-5.25 GHz band) (continued)

Results: 802.11a / 20 MHz / SISO / BPSK / 6 Mbps / Core 0

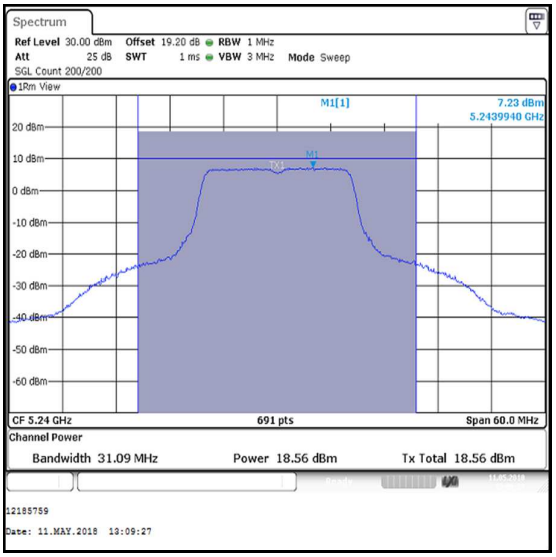
Channel	Frequency (MHz)	Conducted Power (dBm)	Limit (dBm)	Margin (dB)	Result
Bottom	5180	14.8	23.3	8.5	Complied
Middle	5200	18.4	23.3	4.9	Complied
Top	5240	18.6	23.3	4.7	Complied



Bottom Channel



Middle Channel

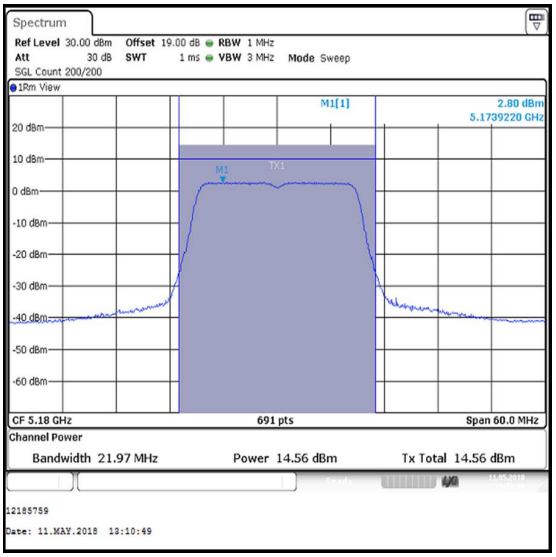


Top Channel

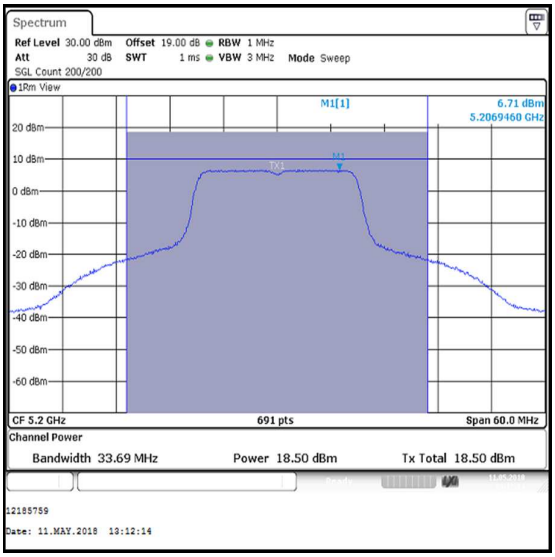
Transmitter Maximum Conducted Output Power (5.15-5.25 GHz band) (continued)

Results: 802.11n / 20 MHz / SISO / BPSK / MCS0 / Core 0

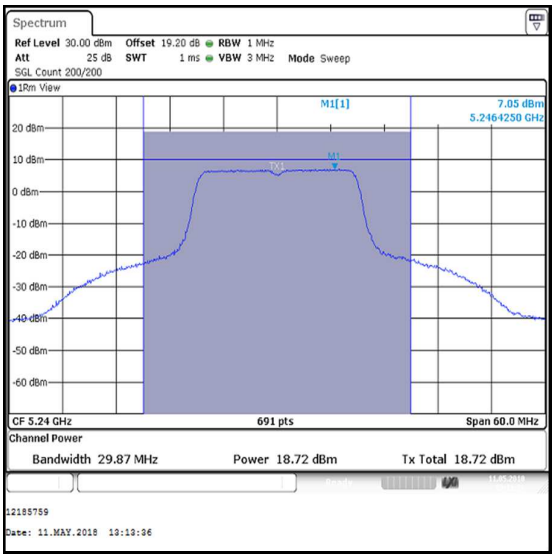
Channel	Frequency (MHz)	Conducted Power (dBm)	Limit (dBm)	Margin (dB)	Result
Bottom	5180	14.6	23.3	8.7	Complied
Middle	5200	18.5	23.3	4.8	Complied
Top	5240	18.7	23.3	4.6	Complied



Bottom Channel



Middle Channel

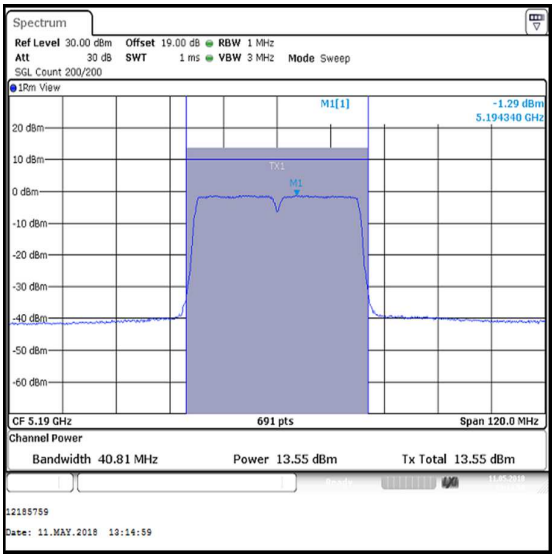


Top Channel

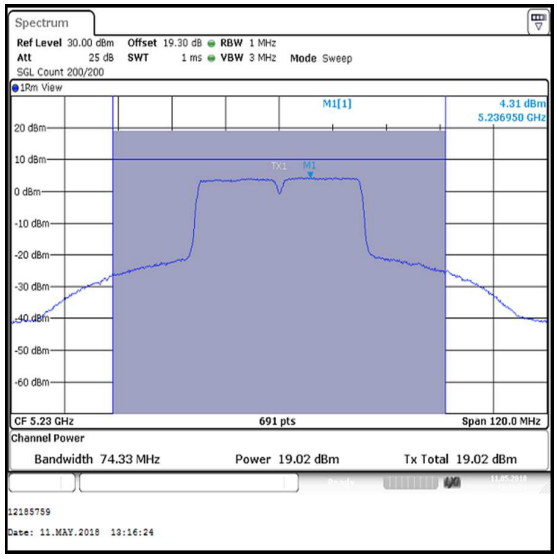
Transmitter Maximum Conducted Output Power (5.15-5.25 GHz band) (continued)

Results: 802.11n / 40 MHz / SISO / BPSK / MCS0 / Core 0

Channel	Frequency (MHz)	Conducted Power (dBm)	Duty cycle correction factor (dB)	Corrected Conducted Power (dBm)	Limit (dBm)	Margin (dB)	Result
Bottom	5190	13.6	0.1	13.7	23.3	9.6	Complied
Top	5230	19.0	0.1	19.1	23.3	4.2	Complied



Bottom Channel

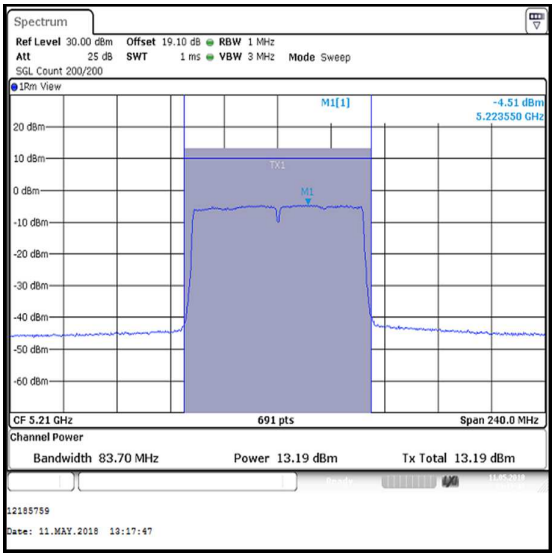


Top Channel

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

Results: 802.11ac / 80 MHz / SISO / BPSK / MCS0 / Core 0

Channel	Frequency (MHz)	Conducted Power (dBm)	Duty cycle correction factor (dB)	Corrected Conducted Power (dBm)	Limit (dBm)	Margin (dB)	Result
Single	5210	13.2	0.2	13.4	23.3	9.9	Complied



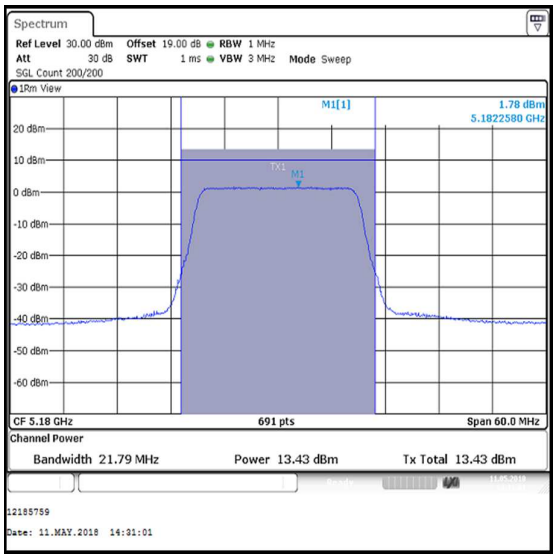
Single Channel

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

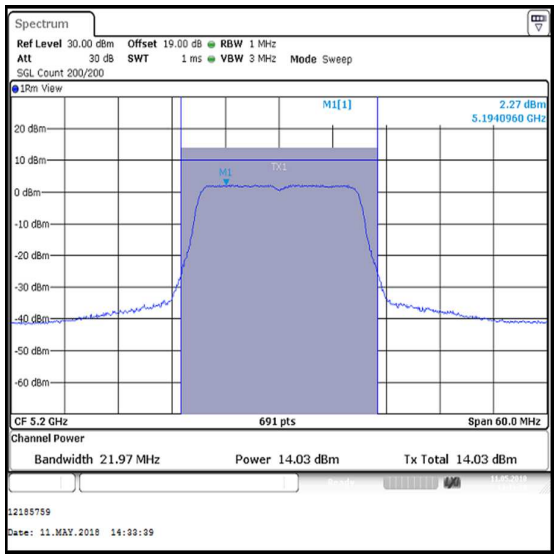
Results: 802.11n / 20 MHz / MIMO / 2Tx CDD / BPSK / MCS0

Channel	Frequency (MHz)	Conducted Power Core 1 (dBm)	Conducted Power Core 0 (dBm)	Combined Conducted Power (dBm)	Limit (dBm)	Margin (dB)	Result
Bottom	5180	13.4	13.3	16.4	23.3	6.9	Complied
Middle	5200	14.0	13.7	16.9	23.3	6.4	Complied
Top	5240	13.9	13.9	16.9	23.3	6.4	Complied

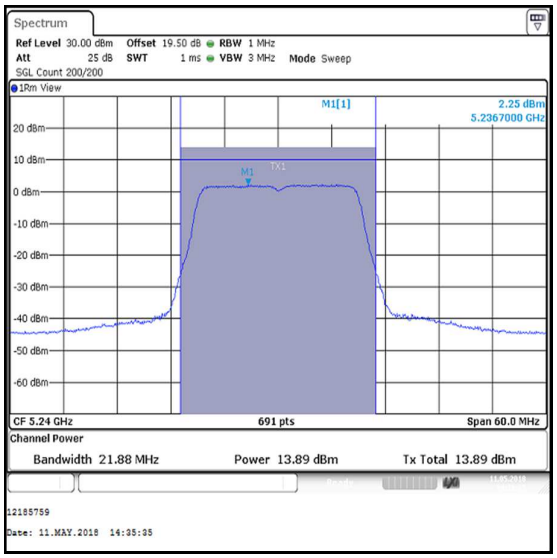
Results: 802.11n / 20 MHz / MIMO / 2Tx CDD / BPSK / MCS0 / Core 1



Bottom Channel



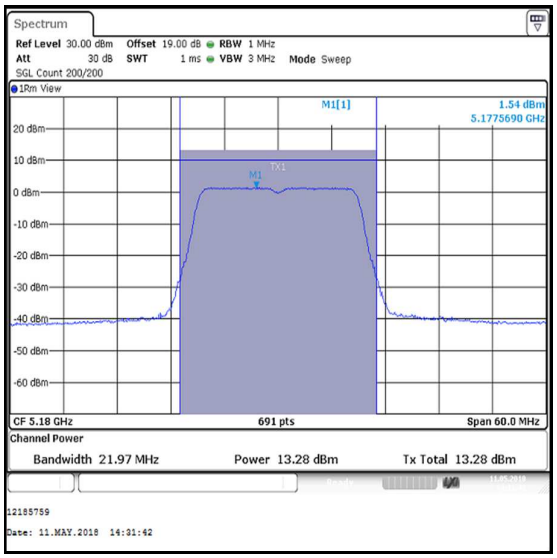
Middle Channel



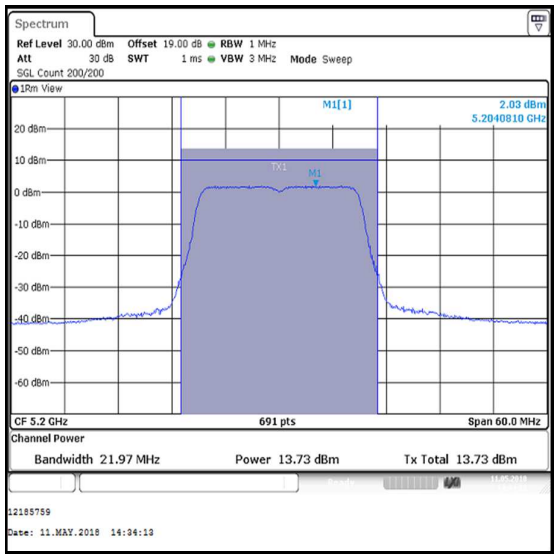
Top Channel

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

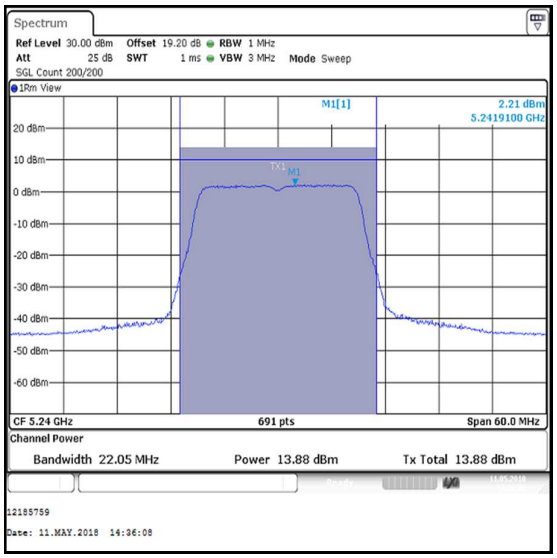
Results: 802.11n / 20 MHz / MIMO / 2Tx CDD / BPSK / MCS0 / Core 0



Bottom Channel



Middle Channel



Top Channel

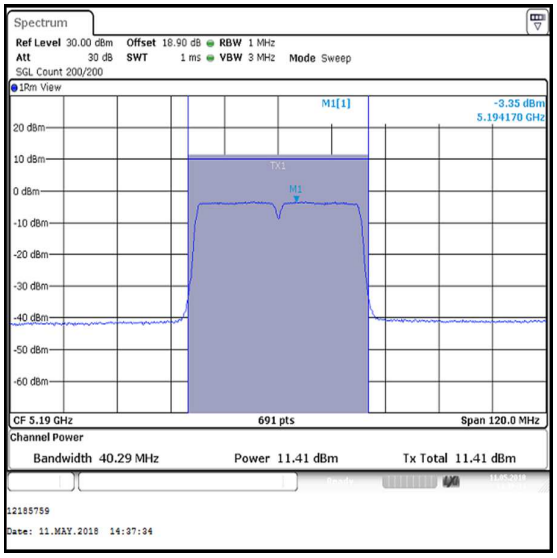
Transmitter Maximum Conducted Output Power (5.15-5.25 GHz band) (continued)

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

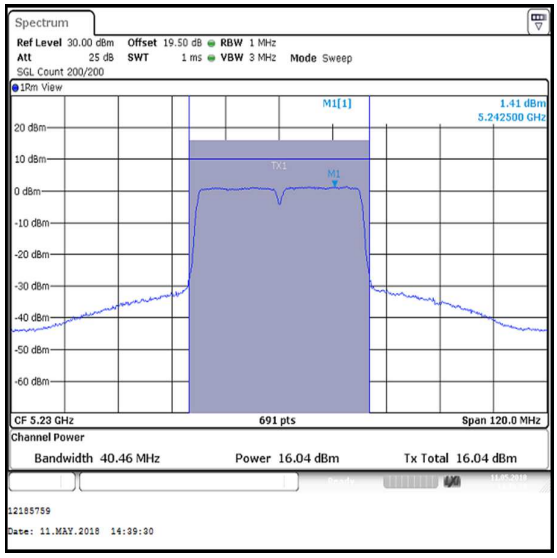
Channel	Frequency (MHz)	Core 1			Core 0		
		Conducted Power (dBm)	Duty Cycle correction (dB)	Corrected Conducted Power (dBm)	Conducted Power (dBm)	Duty Cycle correction (dB)	Corrected Conducted Power (dBm)
Bottom	5190	11.4	0.1	11.5	11.2	0.1	11.3
Top	5230	16.0	0.1	16.1	16.1	0.1	16.2

Channel	Frequency (MHz)	Corrected Conducted Power Core 1 (dBm)	Corrected Conducted Power Core 0 (dBm)	Combined Conducted Power (dBm)	Limit (dBm)	Margin (dB)	Result
Bottom	5190	11.5	11.3	14.4	23.3	8.9	Complied
Top	5230	16.1	16.2	19.2	23.3	4.1	Complied

Results: 802.11n / 40 MHz / MIMO / 2Tx CDD / BPSK / MCS0 / Core 1



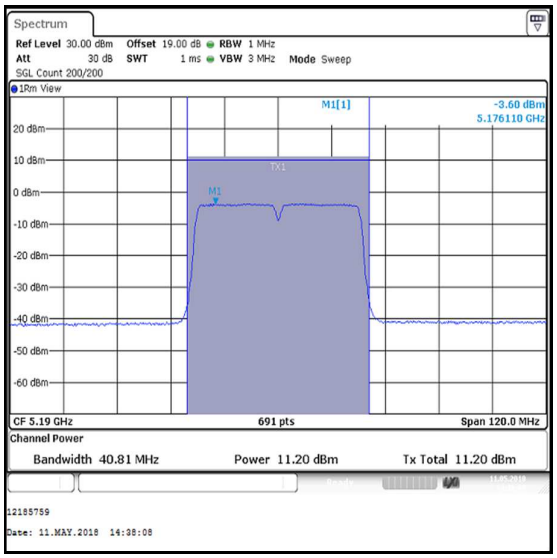
Bottom Channel



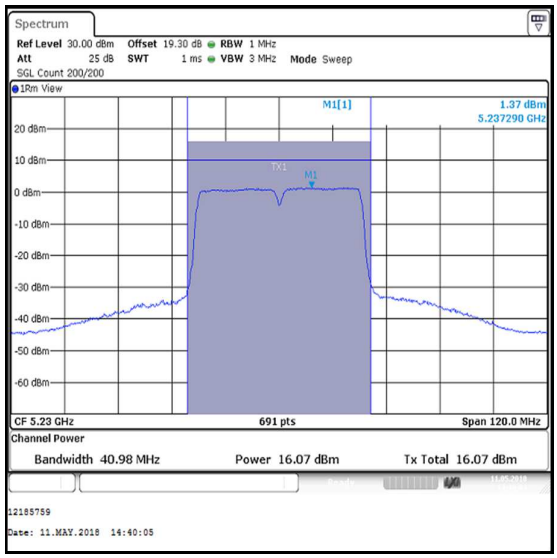
Top Channel

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

Results: 802.11n / 40 MHz / MIMO / 2Tx CDD / BPSK / MCS0 / Core 0



Bottom Channel



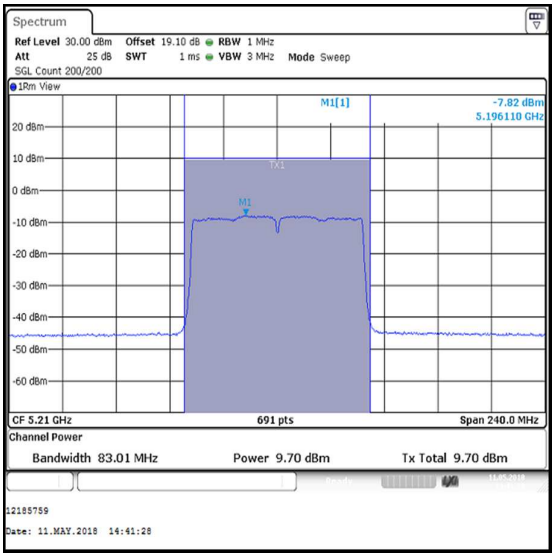
Top Channel

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

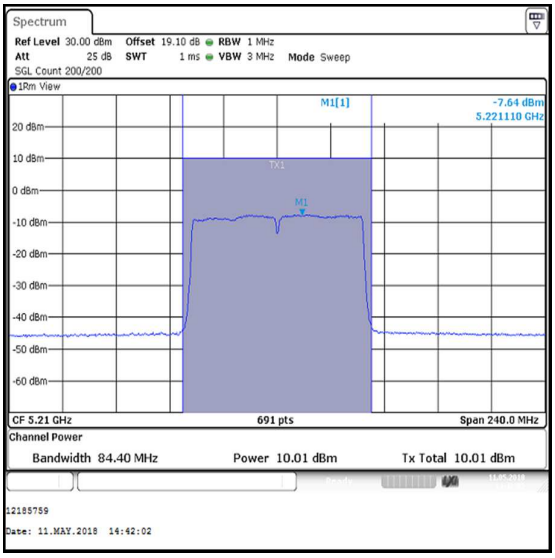
Results: 802.11ac / 80 MHz / MIMO / 2Tx CDD / BPSK / MCS0x1

Channel	Frequency (MHz)	Core 1			Core 0		
		Conducted Power (dBm)	Duty Cycle correction (dB)	Corrected Conducted Power (dBm)	Conducted Power (dBm)	Duty Cycle correction (dB)	Corrected Conducted Power (dBm)
Single	5210	9.7	0.2	9.9	10.0	0.2	10.2

Channel	Frequency (MHz)	Corrected Conducted Power Core 1 (dBm)	Corrected Conducted Power Core 0 (dBm)	Combined Conducted Power (dBm)	Limit (dBm)	Margin (dB)	Result
Single	5210	9.9	10.2	13.1	23.3	10.2	Complied



Single Channel / Core 1



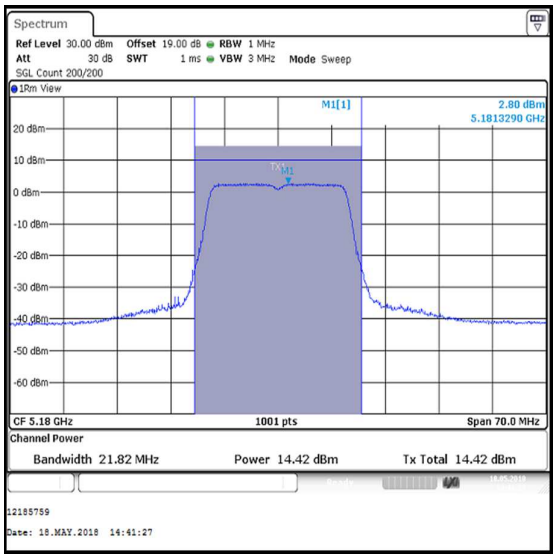
Single Channel / Core 0

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

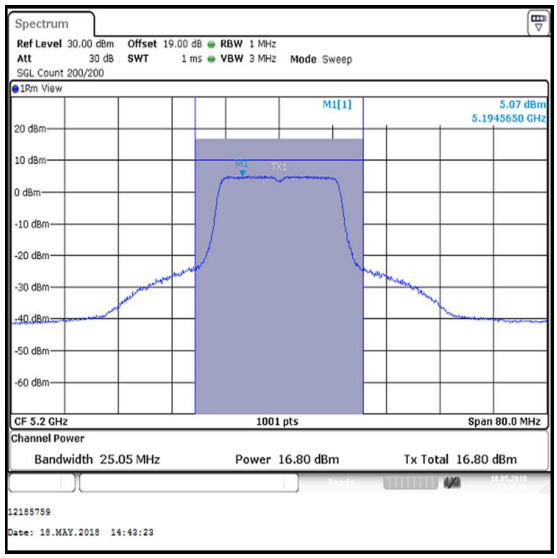
Results: 802.11n / 20 MHz / MIMO / 2Tx STBC / BPSK / MCS0

Channel	Frequency (MHz)	Conducted Power Core 1 (dBm)	Conducted Power Core 0 (dBm)	Combined Conducted Power (dBm)	Limit (dBm)	Margin (dB)	Result
Bottom	5180	14.4	14.4	17.4	24.0	6.6	Complied
Middle	5200	16.8	17.0	19.9	24.0	4.1	Complied
Top	5240	16.8	17.1	20.0	24.0	4.0	Complied

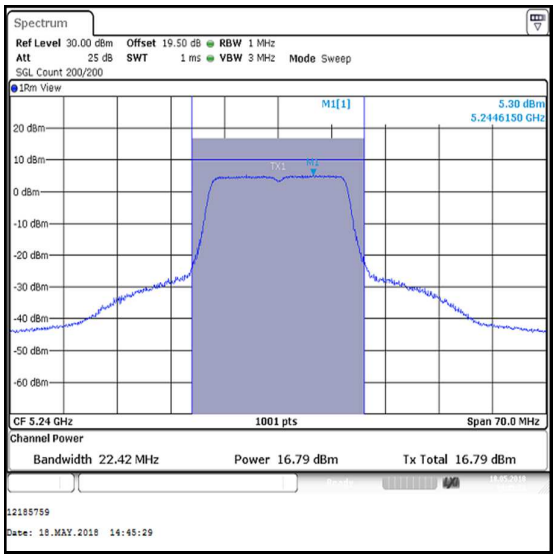
Results: 802.11n / 20 MHz / MIMO / 2Tx STBC / BPSK / MCS0 / Core 1



Bottom Channel



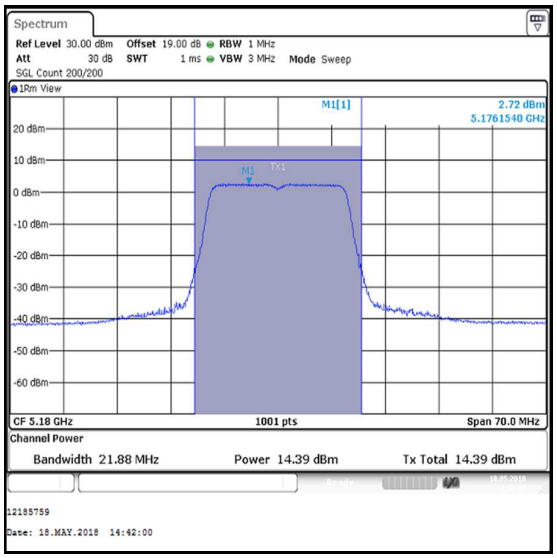
Middle Channel



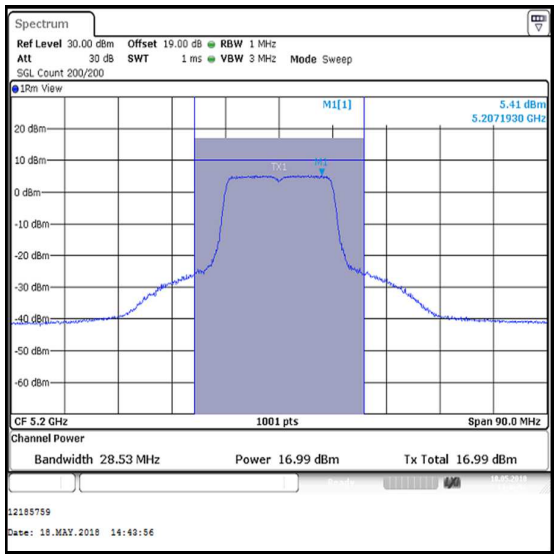
Top Channel

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

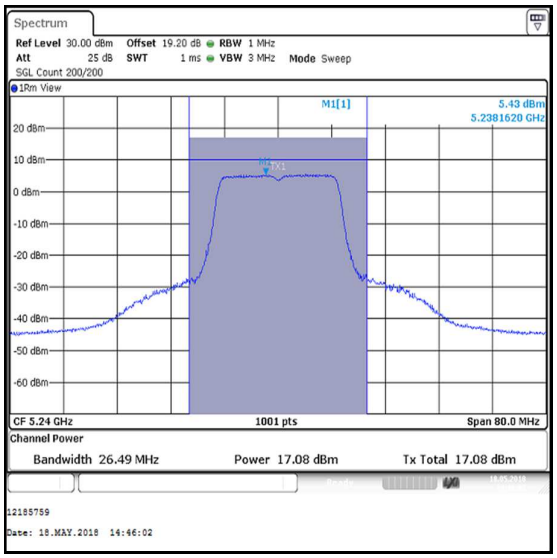
Results: 802.11n / 20 MHz / MIMO / 2Tx STBC / BPSK / MCS0 / Core 0



Bottom Channel



Middle Channel



Top Channel

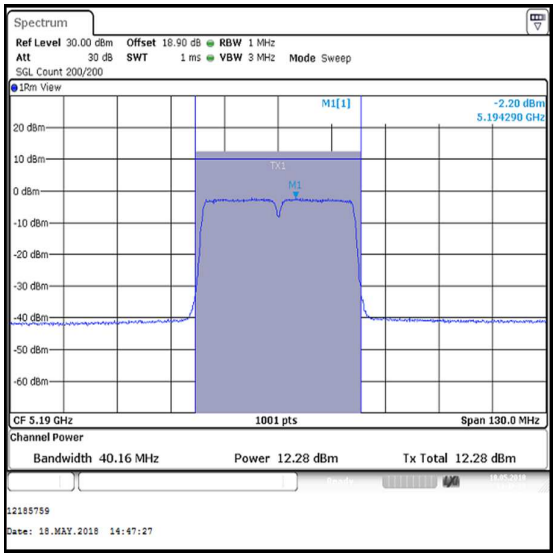
Transmitter Maximum Conducted Output Power (5.15-5.25 GHz band) (continued)

Results: 802.11n / 40 MHz / MIMO / 2Tx STBC / BPSK / MCS0

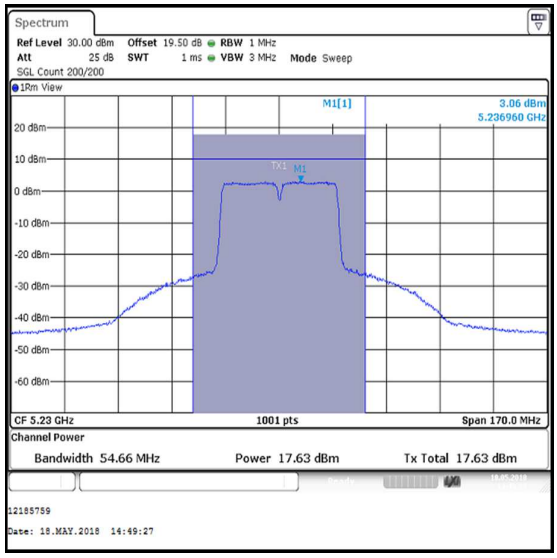
Channel	Frequency (MHz)	Core 1			Core 0		
		Conducted Power (dBm)	Duty Cycle correction (dB)	Corrected Conducted Power (dBm)	Conducted Power (dBm)	Duty Cycle correction (dB)	Corrected Conducted Power (dBm)
Bottom	5190	12.3	0.1	12.4	12.6	0.1	12.7
Top	5230	17.6	0.1	17.7	17.9	0.1	18.0

Channel	Frequency (MHz)	Corrected Conducted Power Core 1 (dBm)	Corrected Conducted Power Core 0 (dBm)	Combined Conducted Power (dBm)	Limit (dBm)	Margin (dB)	Result
Bottom	5190	12.4	12.7	15.6	24.0	8.4	Complied
Top	5230	17.7	18.0	20.9	24.0	3.1	Complied

Results: 802.11n / 40 MHz / MIMO / 2Tx STBC / BPSK / MCS0 / Core 1



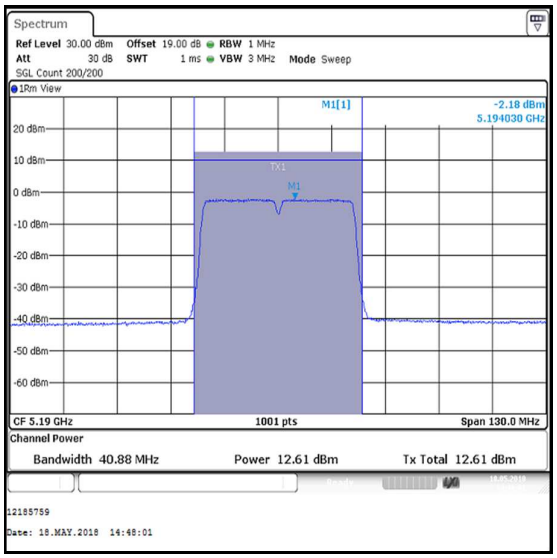
Bottom Channel



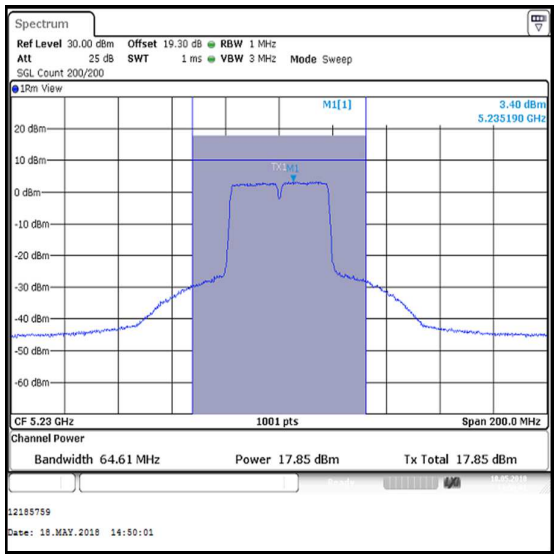
Top Channel

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

Results: 802.11n / 40 MHz / MIMO / 2Tx STBC / BPSK / MCS0 / Core 0



Bottom Channel



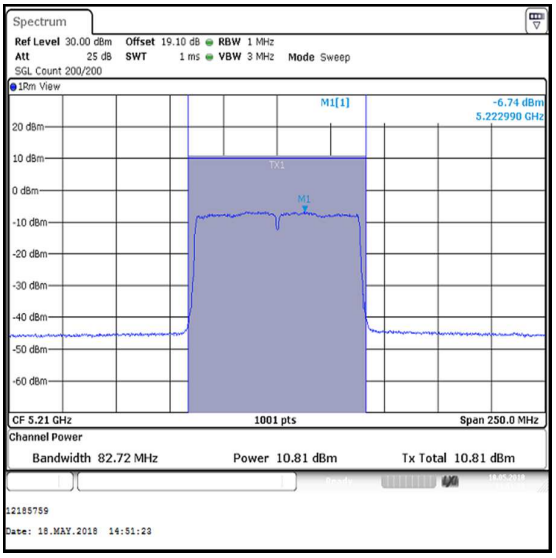
Top Channel

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

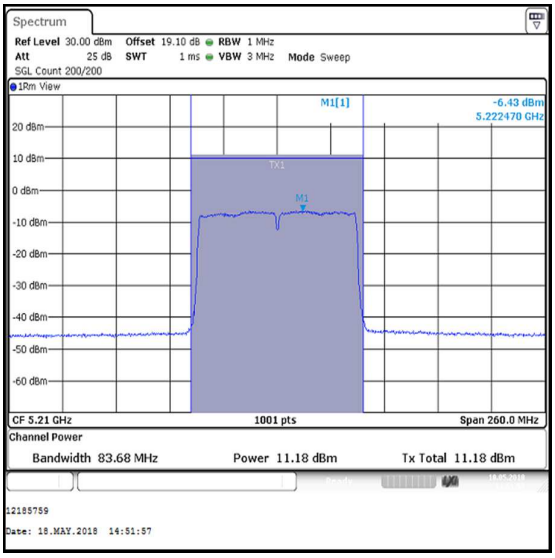
Results: 802.11ac / 80 MHz / MIMO / 2Tx STBC / BPSK / MCS0

Channel	Frequency (MHz)	Core 1			Core 0		
		Conducted Power (dBm)	Duty Cycle correction (dB)	Corrected Conducted Power (dBm)	Conducted Power (dBm)	Duty Cycle correction (dB)	Corrected Conducted Power (dBm)
Single	5210	10.8	0.2	11.0	11.2	0.2	11.4

Channel	Frequency (MHz)	Corrected Conducted Power Core 1 (dBm)	Corrected Conducted Power Core 0 (dBm)	Combined Conducted Power (dBm)	Limit (dBm)	Margin (dB)	Result
Single	5210	11.0	11.4	14.2	24.0	9.8	Complied



Single Channel / Core 1



Single Channel / Core 0

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

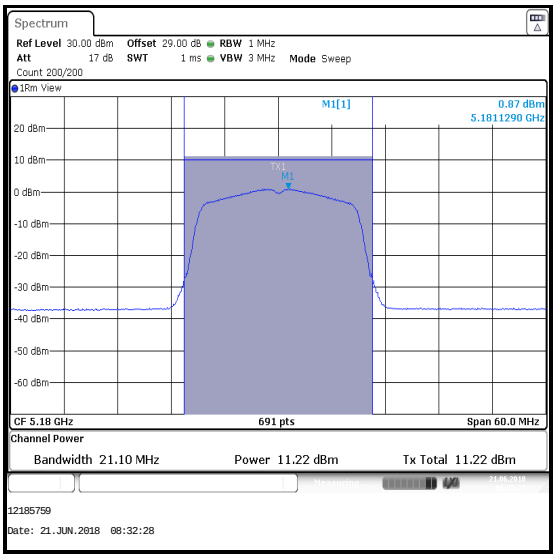
Results: 802.11n / 20 MHz / MIMO / 2Tx TxBF / BPSK / MCS0

Channel	Frequency (MHz)	Core 1			Core 0		
		Conducted Power (dBm)	Duty Cycle correction (dB)	Corrected Conducted Power (dBm)	Conducted Power (dBm)	Duty Cycle correction (dB)	Corrected Conducted Power (dBm)
Bottom	5180	11.2	0.2	11.4	10.5	0.2	10.7
Middle	5200	13.2	0.2	13.4	12.4	0.2	12.6
Top	5240	13.6	0.2	13.8	12.5	0.2	12.7

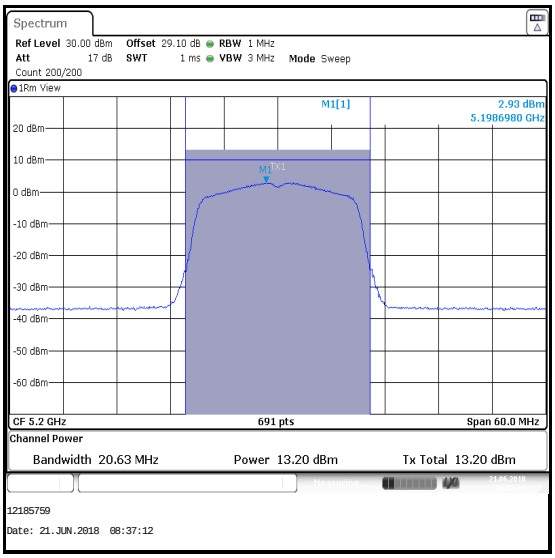
Channel	Frequency (MHz)	Corrected Conducted Power Core 1 (dBm)	Corrected Conducted Power Core 0 (dBm)	Combined Conducted Power (dBm)	Limit (dBm)	Margin (dB)	Result
Bottom	5180	11.4	10.7	14.1	21.1	7.0	Complied
Middle	5200	13.4	12.6	16.0	21.1	5.1	Complied
Top	5240	13.8	12.7	16.3	21.1	4.8	Complied

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

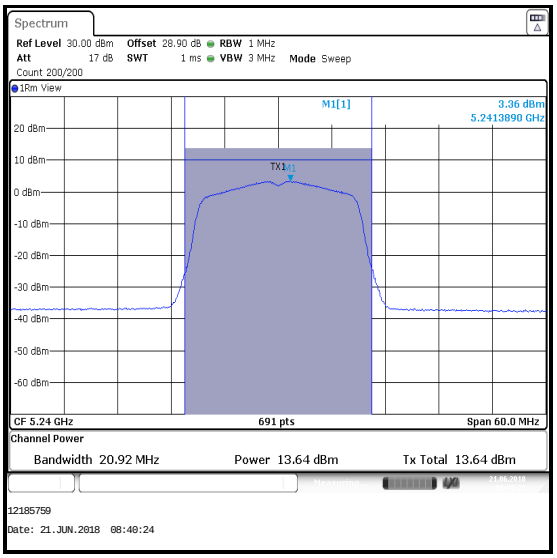
Results: 802.11n / 20 MHz / MIMO / 2Tx TxBF / BPSK / MCS0 / Core 1



Bottom Channel



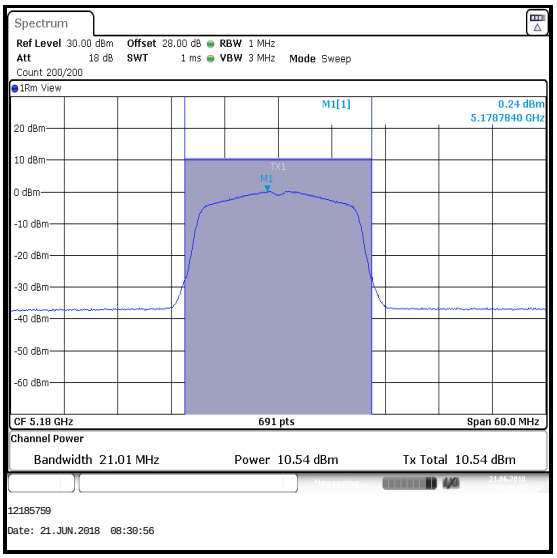
Middle Channel



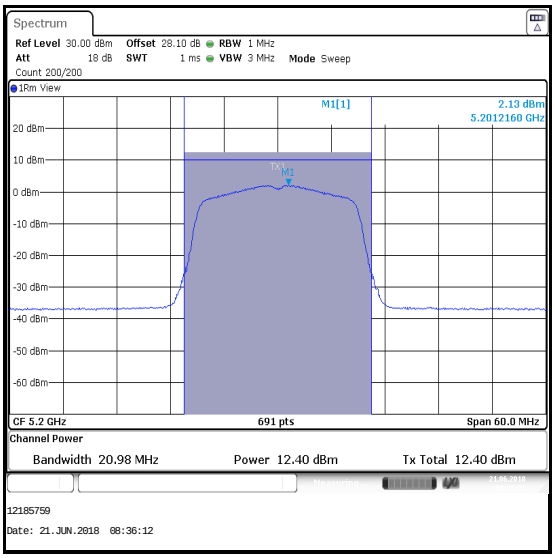
Top Channel

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

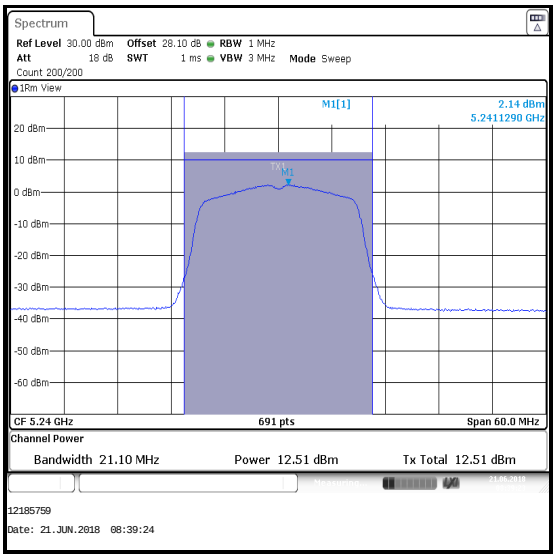
Results: 802.11n / 20 MHz / MIMO / 2Tx TxBF / BPSK / MCS0 / Core 0



Bottom Channel



Middle Channel



Top Channel

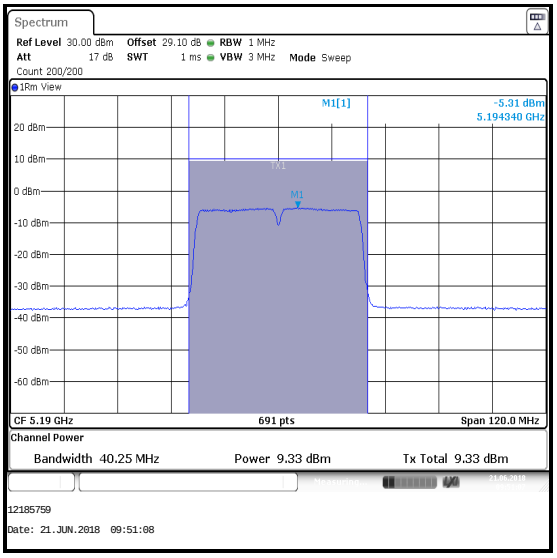
Transmitter Maximum Conducted Output Power (5.15-5.25 GHz band) (continued)

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

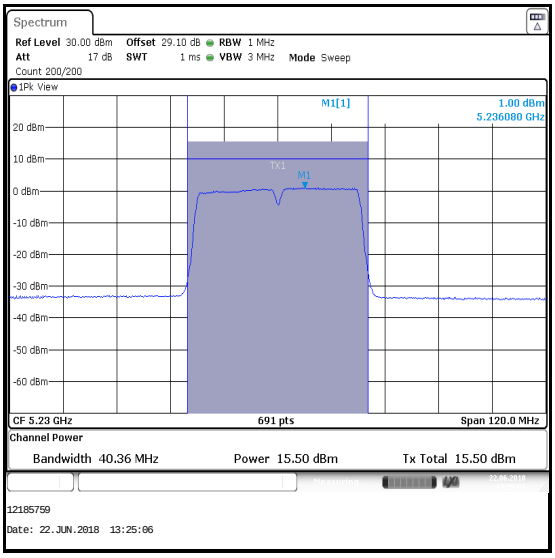
Channel	Frequency (MHz)	Core 1			Core 0		
		Conducted Power (dBm)	Duty Cycle correction (dB)	Corrected Conducted Power (dBm)	Conducted Power (dBm)	Duty Cycle correction (dB)	Corrected Conducted Power (dBm)
Bottom	5190	9.3	0.2	9.5	9.5	0.2	9.7
Top	5230	15.5	0.2	15.7	14.9	0.2	15.1

Channel	Frequency (MHz)	Corrected Conducted Power Core 1 (dBm)	Corrected Conducted Power Core 0 (dBm)	Combined Conducted Power (dBm)	Limit (dBm)	Margin (dB)	Result
Bottom	5190	9.5	9.7	12.6	21.1	8.5	Complied
Top	5230	15.7	15.1	18.4	21.1	2.7	Complied

Results: 802.11n / 40 MHz / MIMO / 2Tx TxBF / BPSK / MCS0 / Core 1



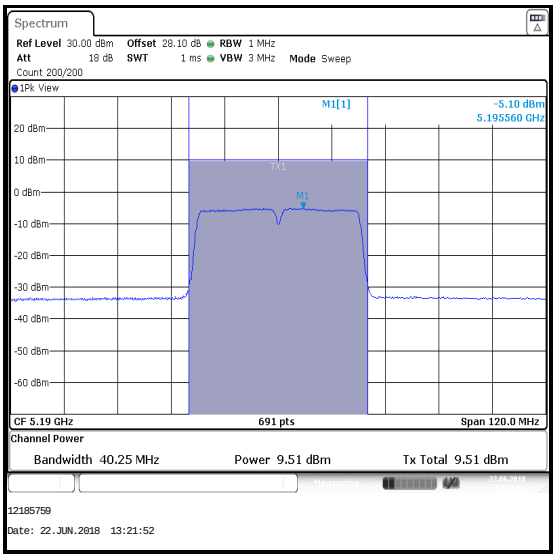
Bottom Channel



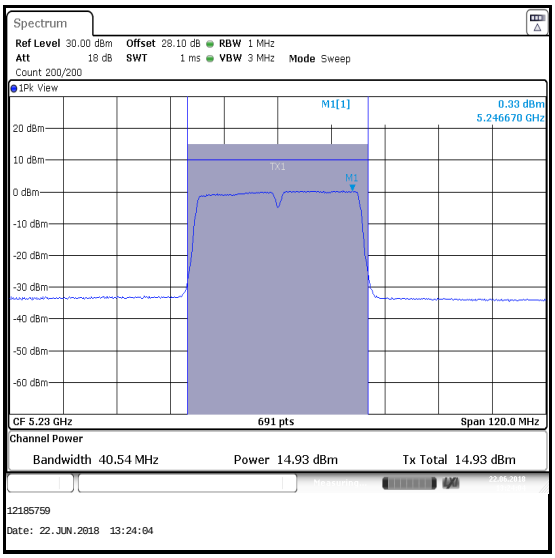
Top Channel

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

Results: 802.11n / 40 MHz / MIMO / 2Tx TxBF / BPSK / MCS0 / Core 0



Bottom Channel



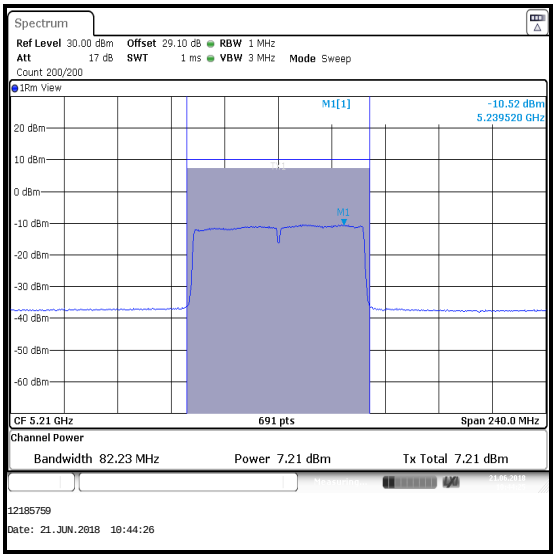
Top Channel

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

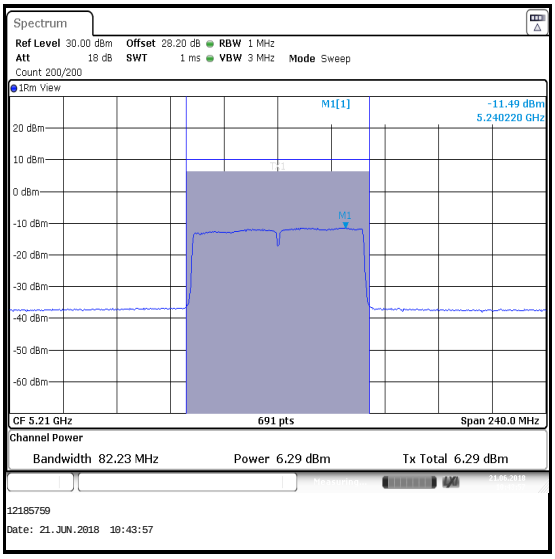
Results: 802.11ac / 80 MHz / MIMO / 2Tx TxBF / BPSK / MCS0

Channel	Frequency (MHz)	Core 1			Core 0		
		Conducted Power (dBm)	Duty Cycle correction (dB)	Corrected Conducted Power (dBm)	Conducted Power (dBm)	Duty Cycle correction (dB)	Corrected Conducted Power (dBm)
Single	5210	7.2	0.2	7.4	6.3	0.2	6.5

Channel	Frequency (MHz)	Corrected Conducted Power Core 1 (dBm)	Corrected Conducted Power Core 0 (dBm)	Combined Conducted Power (dBm)	Limit (dBm)	Margin (dB)	Result
Single	5210	7.4	6.5	10.0	21.1	11.1	Complied



Single Channel / Core 1



Single Channel / Core 0

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

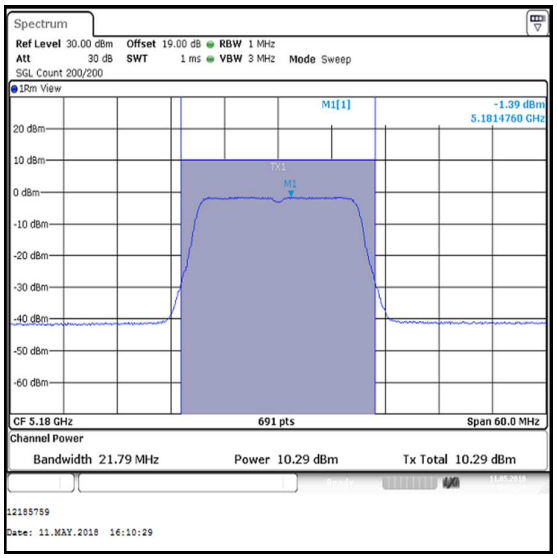
Results: 802.11n / 20 MHz / MIMO / 3Tx CDD / BPSK / MCS0

Channel	Frequency (MHz)	Conducted Power Core 1 (dBm)	Conducted Power Core 0 (dBm)	Conducted Power Core 2 (dBm)	Combined Conducted Power (dBm)
Bottom	5180	10.3	10.2	11.0	15.3
Middle	5200	10.4	10.6	10.8	15.4
Top	5240	11.0	11.0	11.4	15.9

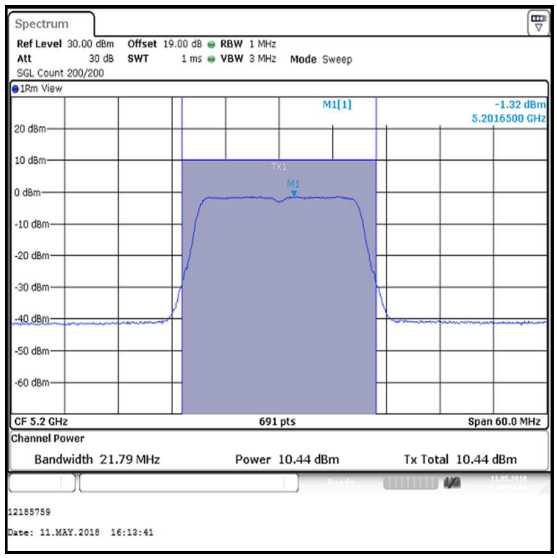
Channel	Frequency (MHz)	Combined Conducted Power (dBm)	Limit (dBm)	Margin (dB)	Result
Bottom	5180	15.3	23.3	8.0	Complied
Middle	5200	15.4	23.3	7.9	Complied
Top	5240	15.9	23.3	7.4	Complied

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

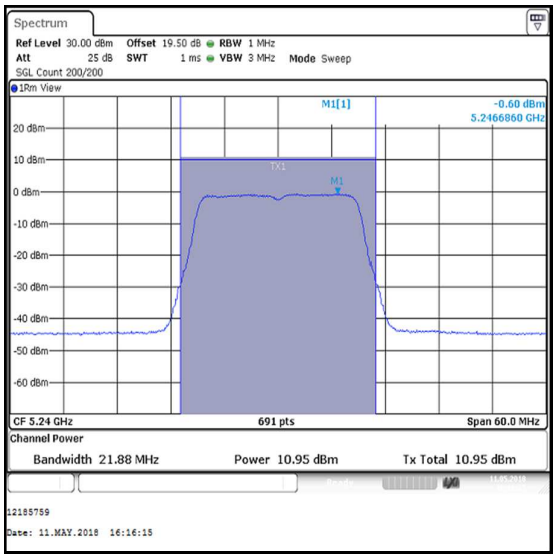
Results: 802.11n / 20 MHz / MIMO / 3Tx CDD / BPSK / MCS0 / Core 1



Bottom Channel



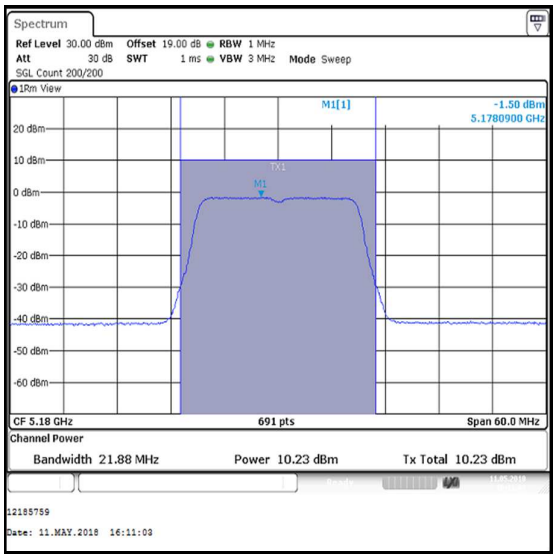
Middle Channel



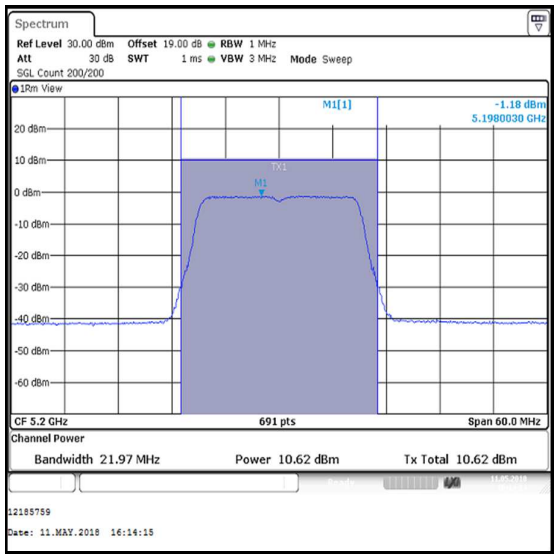
Top Channel

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

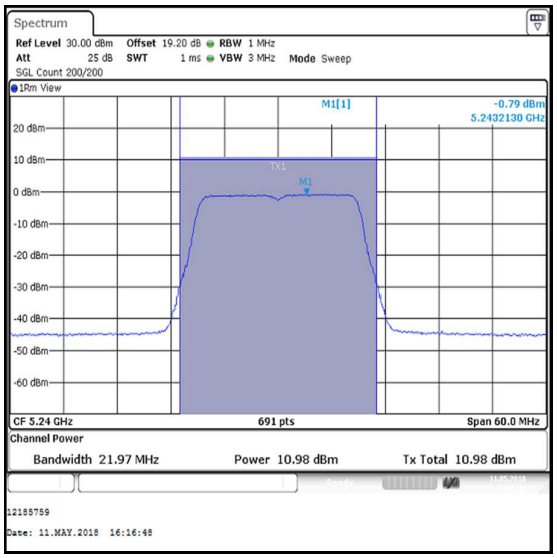
Results: 802.11n / 20 MHz / MIMO / 3Tx CDD / BPSK / MCS0 / Core 0



Bottom Channel



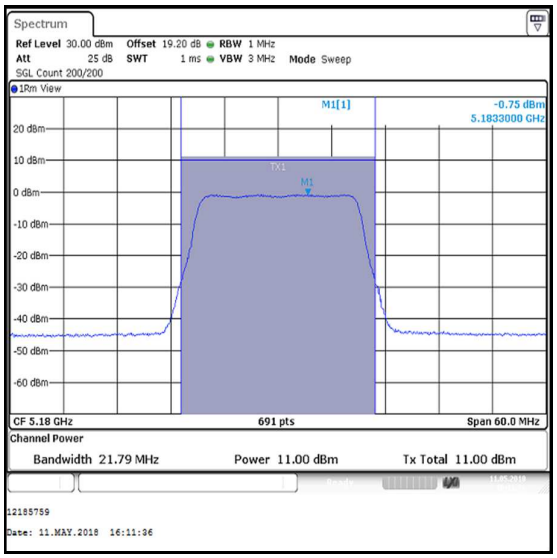
Middle Channel



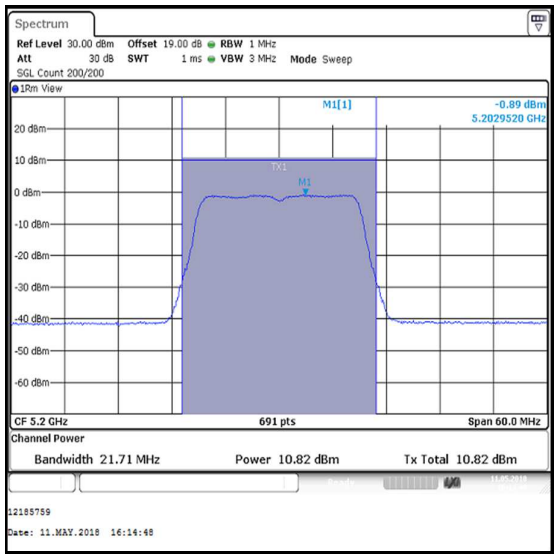
Top Channel

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

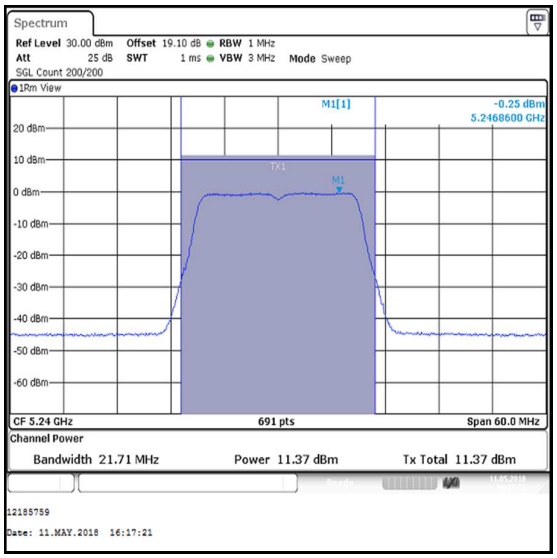
Results: 802.11n / 20 MHz / MIMO / 3Tx CDD / BPSK / MCS0 / Core 2



Bottom Channel



Middle Channel



Top Channel

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

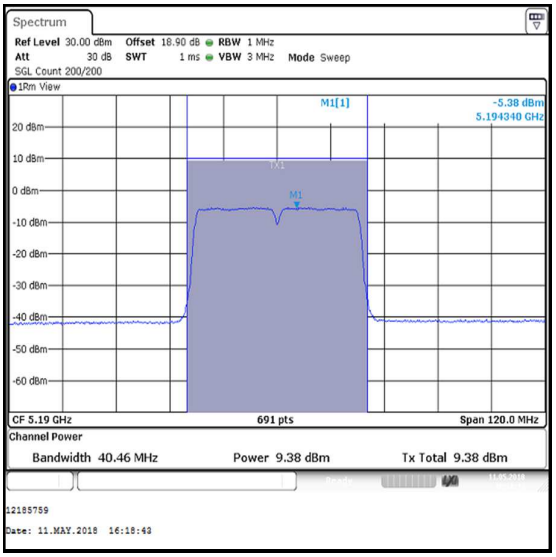
Results: 802.11n / 40 MHz / MIMO / 3Tx CDD / BPSK / MCS0

Channel	Frequency (MHz)	Core 1			Core 0		
		Conducted Power (dBm)	Duty Cycle correction (dB)	Corrected Conducted Power (dBm)	Conducted Power (dBm)	Duty Cycle correction (dB)	Corrected Conducted Power (dBm)
Bottom	5190	9.4	0.1	9.5	9.3	0.1	9.4
Top	5230	12.9	0.1	13.0	13.3	0.1	13.4

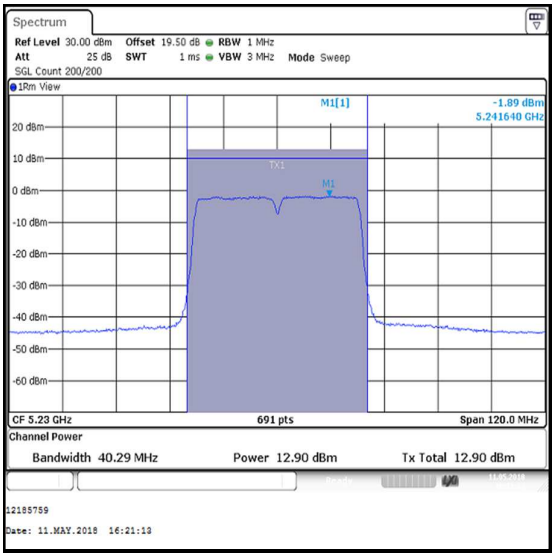
Channel	Frequency (MHz)	Core 2			Core 1, Core 0 & Core 2		
		Conducted Power (dBm)	Duty Cycle correction (dB)	Corrected Conducted Power (dBm)	Corrected Conducted Power Core 1 (dBm)	Corrected Conducted Power Core 0 (dBm)	Corrected Conducted Power Core 2 (dBm)
Bottom	5190	10.1	0.1	10.2	9.5	9.4	10.2
Top	5230	13.2	0.1	13.3	13.0	13.4	13.3

Channel	Frequency (MHz)	Combined Conducted Power (dBm)	Limit (dBm)	Margin (dB)	Result
Bottom	5190	14.5	23.3	8.8	Complied
Top	5230	18.0	23.3	5.3	Complied

Results: 802.11n / 40 MHz / MIMO / 3Tx CDD / BPSK / MCS0 / Core 1



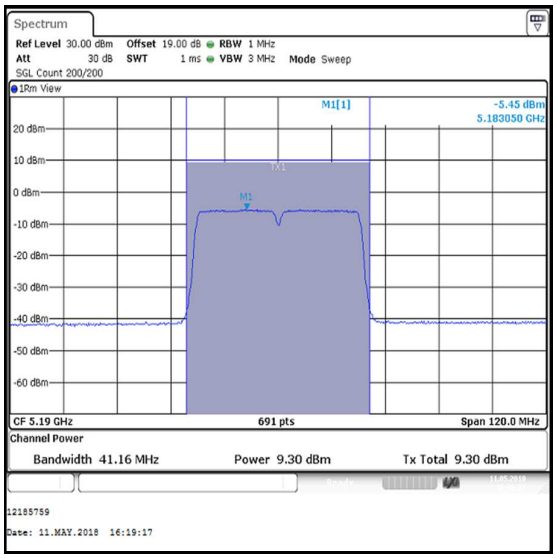
Bottom Channel



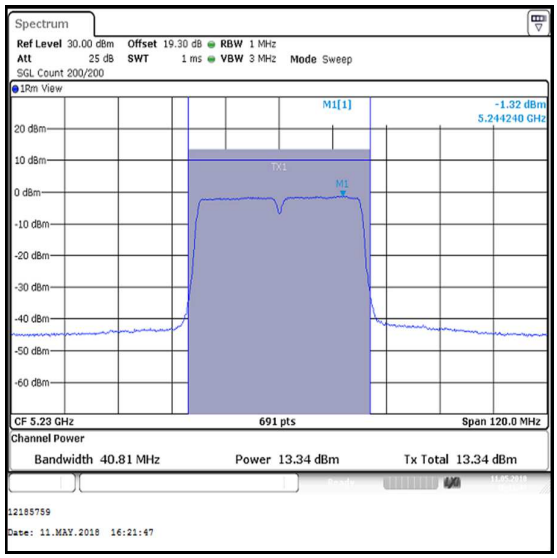
Top Channel

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

Results: 802.11n / 40 MHz / MIMO / 3Tx CDD / BPSK / MCS0 / Core 0

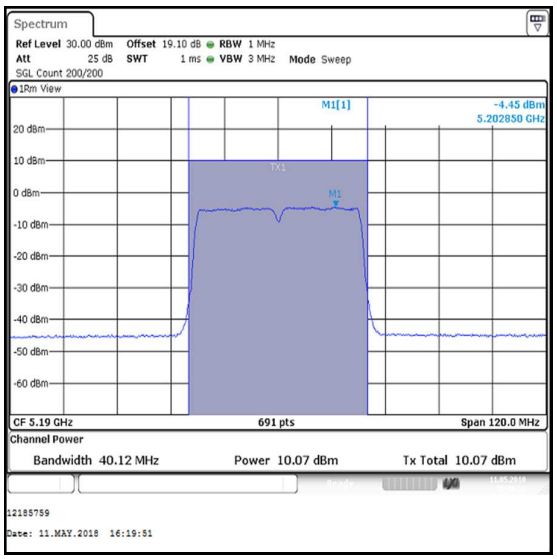


Bottom Channel

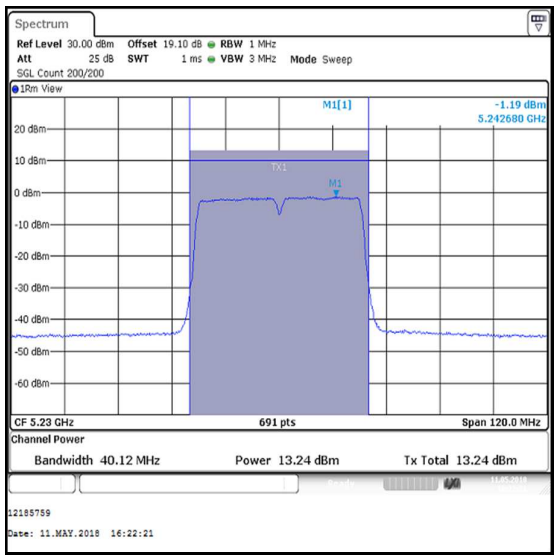


Top Channel

Results: 802.11n / 40 MHz / MIMO / 3Tx CDD / BPSK / MCS0 / Core 2



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

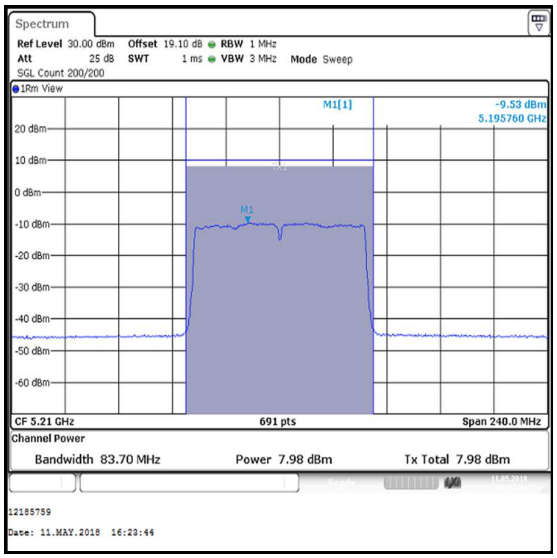
Channel	Frequency (MHz)	Core 1			Core 0		
		Conducted Power (dBm)	Duty Cycle correction (dB)	Corrected Conducted Power (dBm)	Conducted Power (dBm)	Duty Cycle correction (dB)	Corrected Conducted Power (dBm)
Single	5210	8.0	0.2	8.2	8.1	0.2	8.3

Channel	Frequency (MHz)	Core 2			Core 1, Core 0 & Core 2		
		Conducted Power (dBm)	Duty Cycle correction (dB)	Corrected Conducted Power (dBm)	Corrected Conducted Power Core 1 (dBm)	Corrected Conducted Power Core 0 (dBm)	Corrected Conducted Power Core 2 (dBm)
Single	5210	7.9	0.2	8.1	8.2	8.3	8.1

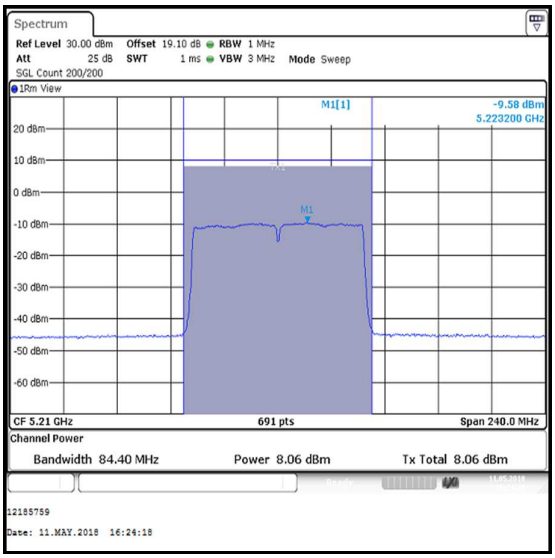
Channel	Frequency (MHz)	Combined Conducted Power (dBm)	Limit (dBm)	Margin (dB)	Result
Single	5210	13.0	23.3	10.3	Complied

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

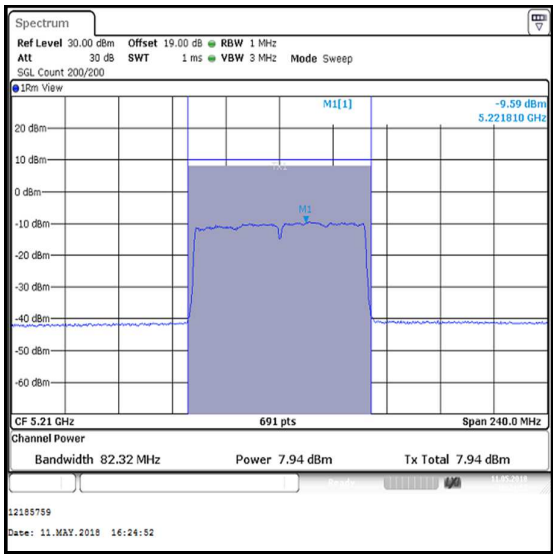
Results: 802.11ac / 80 MHz / MIMO / 3Tx CDD / BPSK / MCS0



Single Channel / Core 1



Single Channel / Core 0



Single Channel / Core 2

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

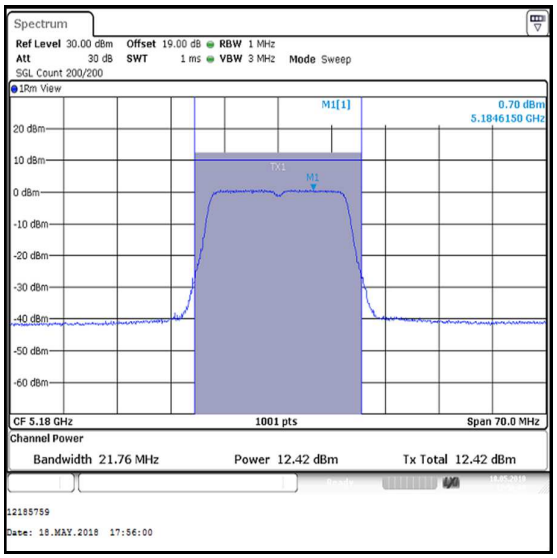
Results: 802.11n / 20 MHz / MIMO / 3Tx STBC / BPSK / MCS0

Channel	Frequency (MHz)	Conducted Power Core 1 (dBm)	Conducted Power Core 0 (dBm)	Conducted Power Core 2 (dBm)	Combined Conducted Power (dBm)
Bottom	5180	12.4	12.5	12.9	17.4
Middle	5200	14.6	14.5	14.5	19.3
Top	5240	14.9	15.1	15.4	19.9

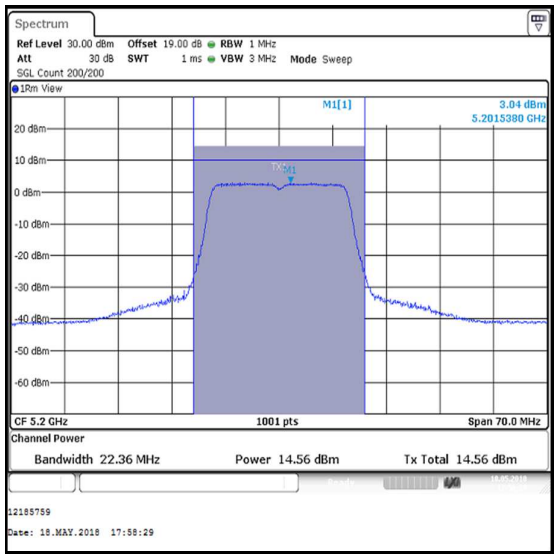
Channel	Frequency (MHz)	Combined Conducted Power (dBm)	Limit (dBm)	Margin (dB)	Result
Bottom	5180	17.4	24.0	6.6	Complied
Middle	5200	19.3	24.0	4.7	Complied
Top	5240	19.9	24.0	4.1	Complied

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

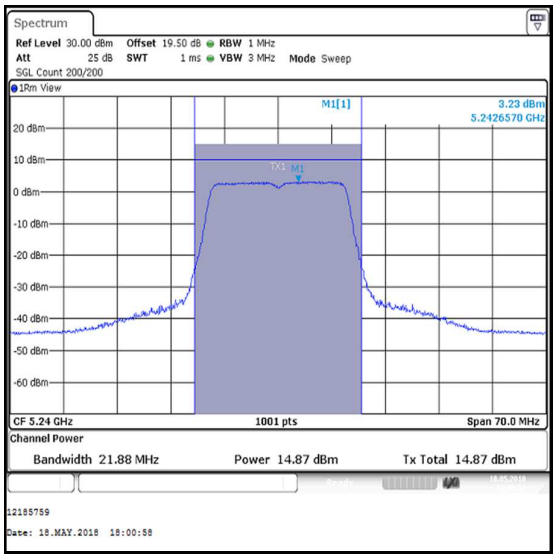
Results: 802.11n / 20 MHz / MIMO / 3Tx STBC / BPSK / MCS0 / Core 1



Bottom Channel



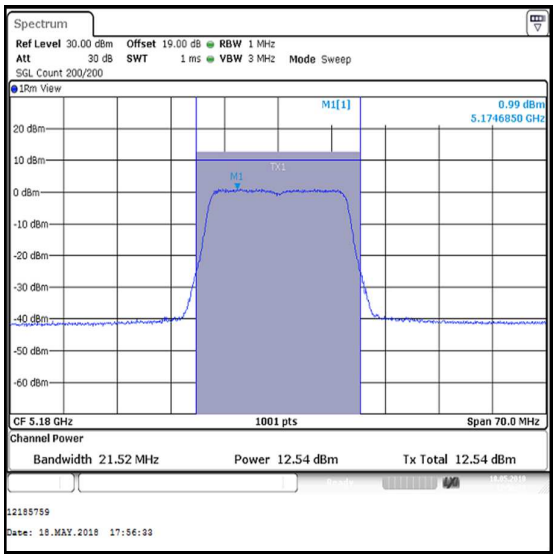
Middle Channel



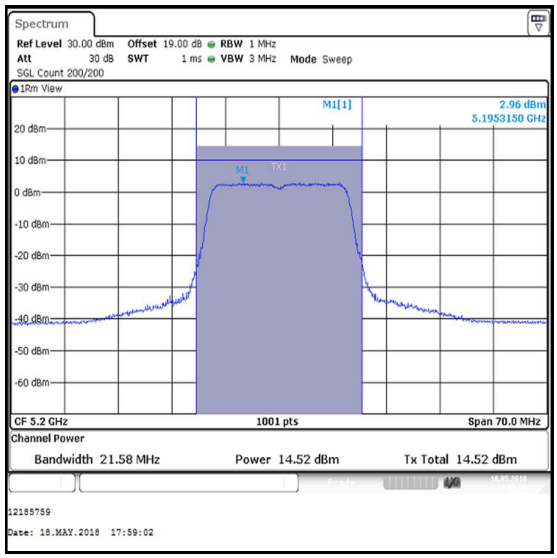
Top Channel

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

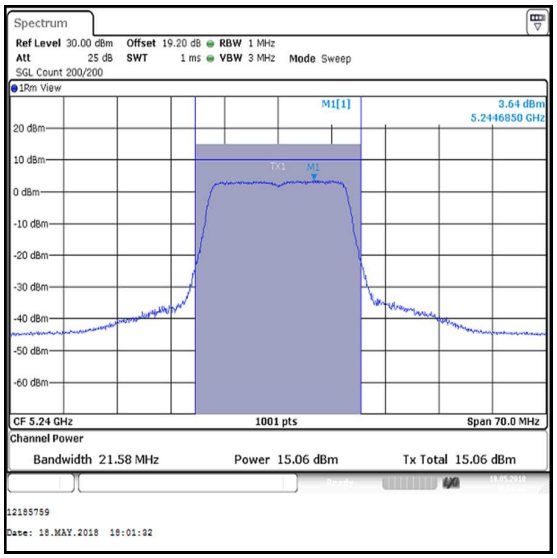
Results: 802.11n / 20 MHz / MIMO / 3Tx STBC / BPSK / MCS0 / Core 0



Bottom Channel



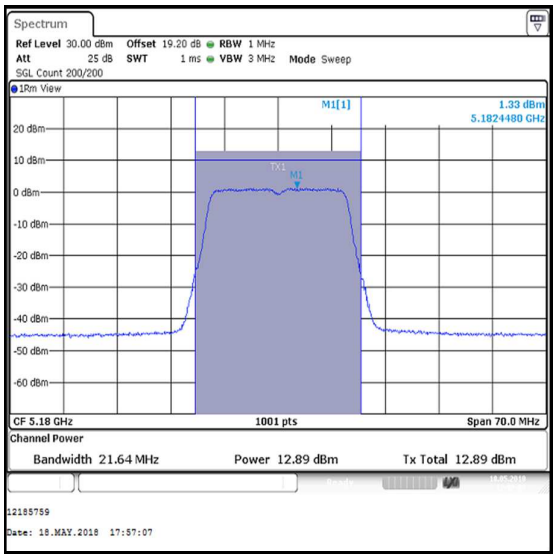
Middle Channel



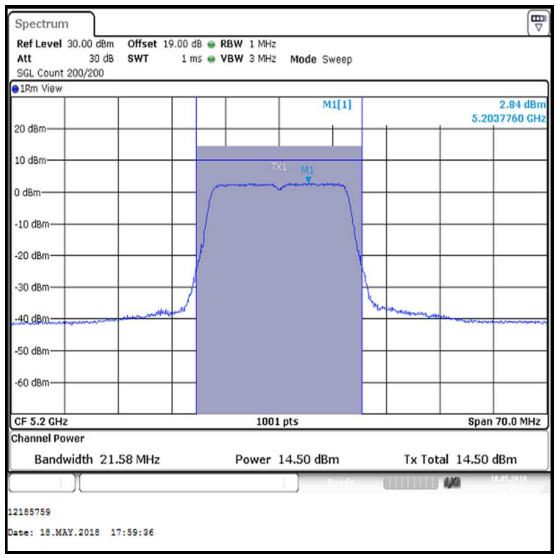
Top Channel

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

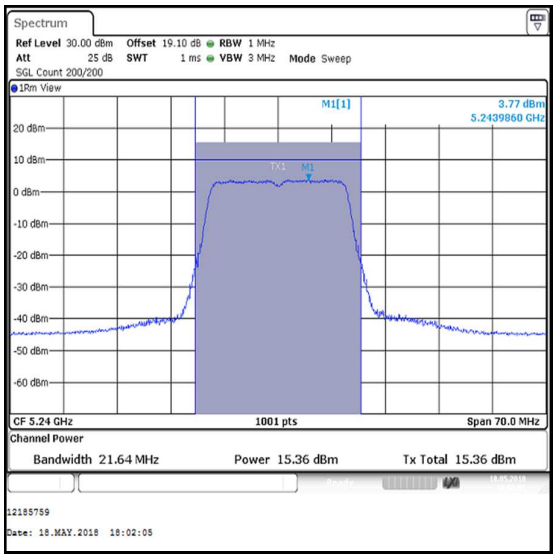
Results: 802.11n / 20 MHz / MIMO / 3Tx STBC / BPSK / MCS0 / Core 2



Bottom Channel



Middle Channel



Top Channel

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

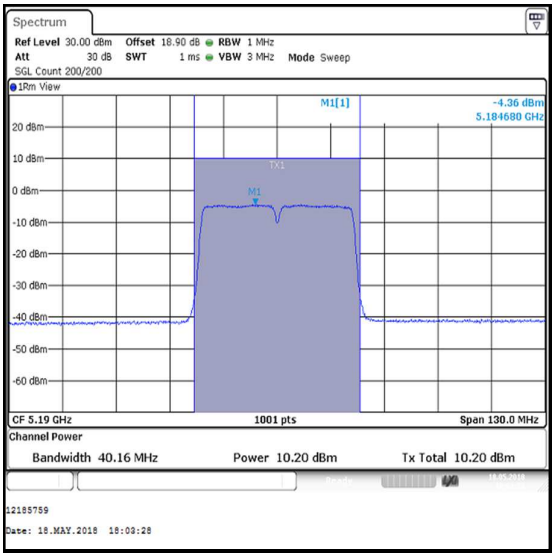
Results: 802.11n / 40 MHz / MIMO / 3Tx STBC / BPSK / MCS0

Channel	Frequency (MHz)	Core 1			Core 0		
		Conducted Power (dBm)	Duty Cycle correction (dB)	Corrected Conducted Power (dBm)	Conducted Power (dBm)	Duty Cycle correction (dB)	Corrected Conducted Power (dBm)
Bottom	5190	10.2	0.1	10.3	10.3	0.1	10.4
Top	5230	15.9	0.1	16.0	16.0	0.1	16.1

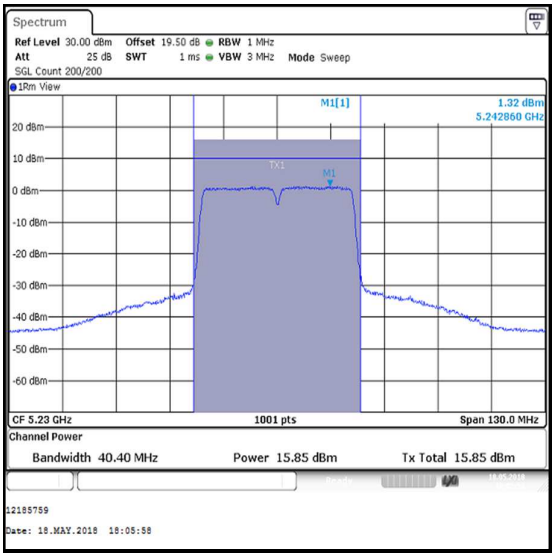
Channel	Frequency (MHz)	Core 2			Core 1, Core 0 & Core 2		
		Conducted Power (dBm)	Duty Cycle correction (dB)	Corrected Conducted Power (dBm)	Corrected Conducted Power Core 1 (dBm)	Corrected Conducted Power Core 0 (dBm)	Corrected Conducted Power Core 2 (dBm)
Bottom	5190	10.9	0.1	11.0	10.3	10.4	11.0
Top	5230	16.3	0.1	16.4	16.0	16.1	16.4

Channel	Frequency (MHz)	Combined Conducted Power (dBm)	Limit (dBm)	Margin (dB)	Result
Bottom	5190	15.3	24.0	8.7	Complied
Top	5230	20.9	24.0	3.1	Complied

Results: 802.11n / 40 MHz / MIMO / 3Tx STBC / BPSK / MCS0 / Core 1



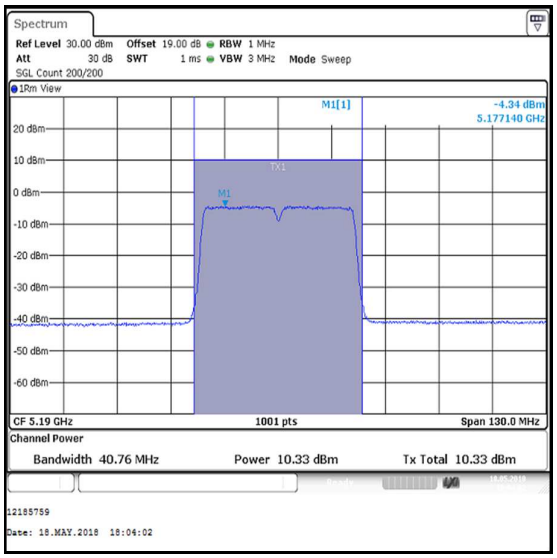
Bottom Channel



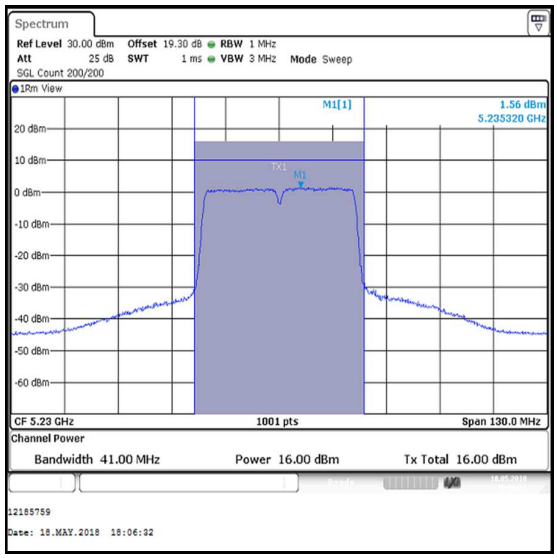
Top Channel

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

Results: 802.11n / 40 MHz / MIMO / 3Tx STBC / BPSK / MCS0 / Core 0

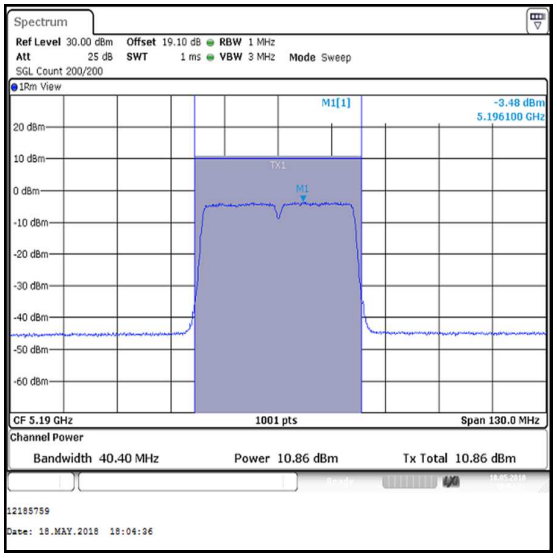


Bottom Channel

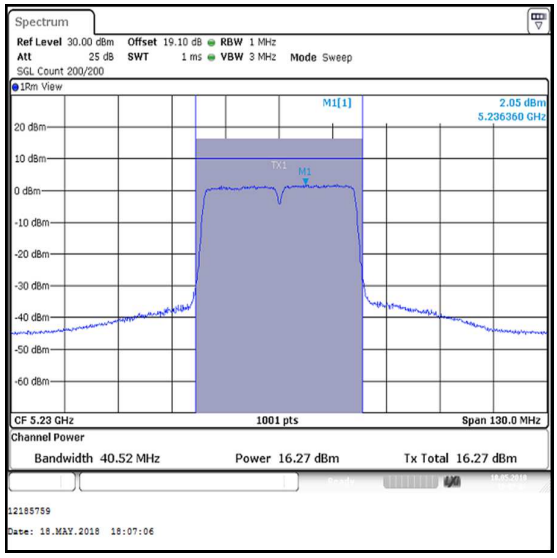


Top Channel

Results: 802.11n / 40 MHz / MIMO / 3Tx STBC / BPSK / MCS0 / Core 2



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

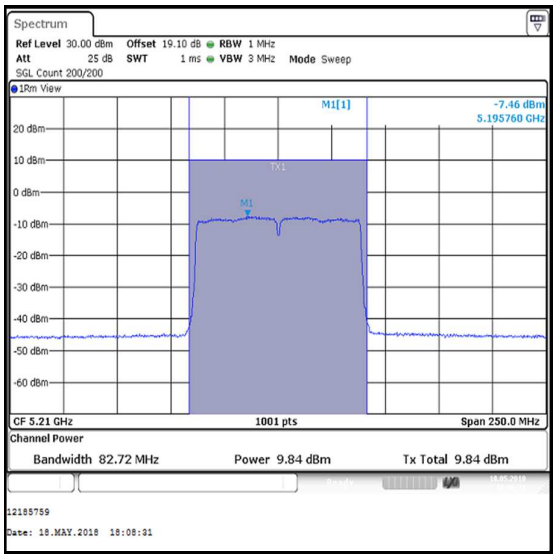
Channel	Frequency (MHz)	Core 1			Core 0		
		Conducted Power (dBm)	Duty Cycle correction (dB)	Corrected Conducted Power (dBm)	Conducted Power (dBm)	Duty Cycle correction (dB)	Corrected Conducted Power (dBm)
Single	5210	9.8	0.2	10.0	10.2	0.2	10.4

Channel	Frequency (MHz)	Core 2			Core 1, Core 0 & Core 2		
		Conducted Power (dBm)	Duty Cycle correction (dB)	Corrected Conducted Power (dBm)	Corrected Conducted Power Core 1 (dBm)	Corrected Conducted Power Core 0 (dBm)	Corrected Conducted Power Core 2 (dBm)
Single	5210	9.7	0.2	9.9	10.0	10.4	9.9

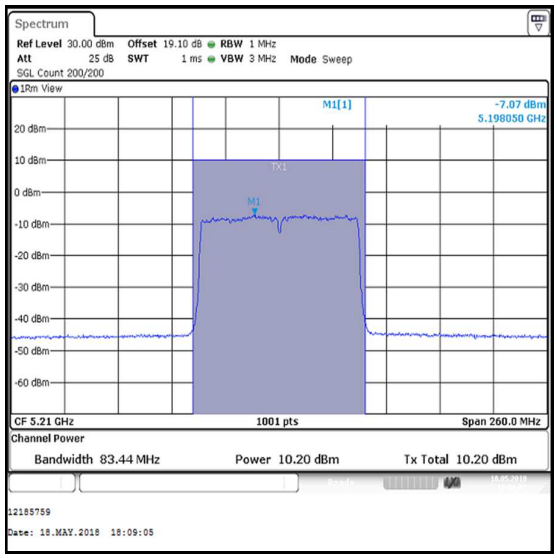
Channel	Frequency (MHz)	Combined Conducted Power (dBm)	Limit (dBm)	Margin (dB)	Result
Single	5210	14.9	24.0	9.1	Complied

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

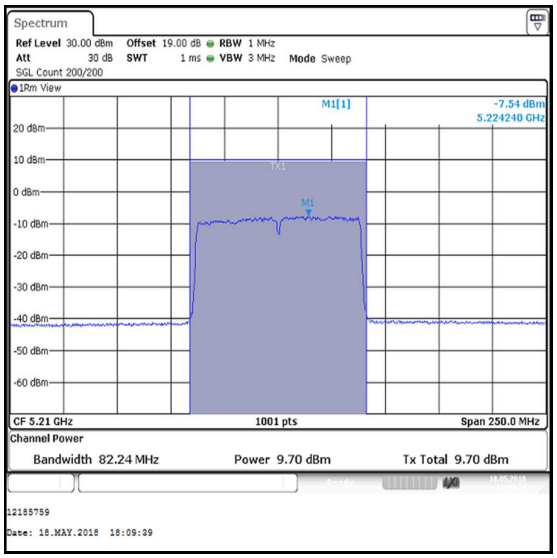
Results: 802.11ac / 80 MHz / MIMO / 3Tx STBC / BPSK / MCS0



Single Channel / Core 1



Single Channel / Core 0



Single Channel / Core 2

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

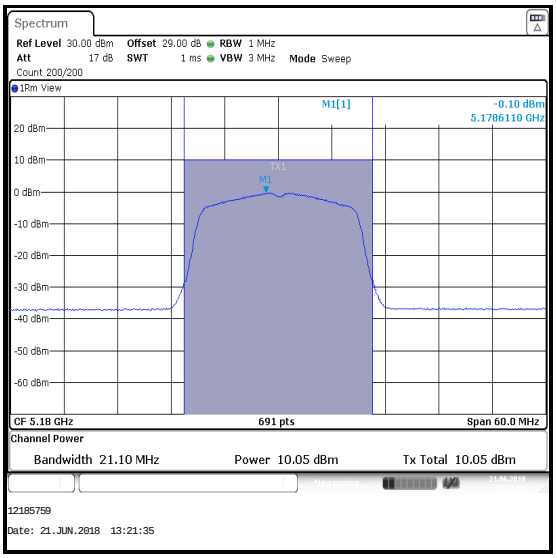
Results: 802.11n / 20 MHz / MIMO / 3Tx TxBF / BPSK / MCS0

Channel	Frequency (MHz)	Conducted Power Core 1 (dBm)	Conducted Power Core 0 (dBm)	Conducted Power Core 2 (dBm)	Combined Conducted Power (dBm)
Bottom	5180	10.1	9.4	9.3	14.4
Middle	5200	10.7	9.7	10.1	15.0
Top	5240	10.5	10.3	10.2	15.1

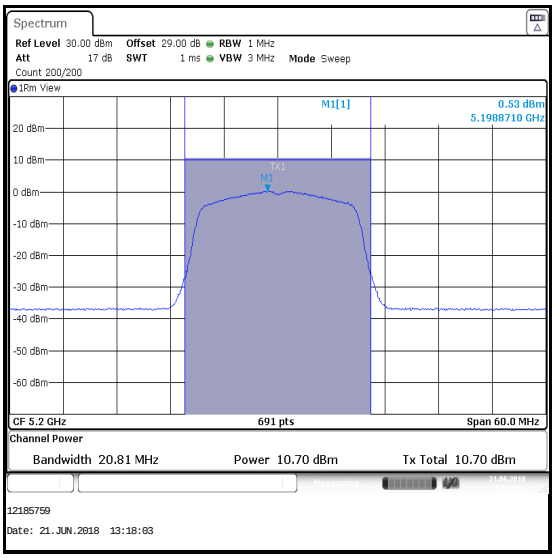
Channel	Frequency (MHz)	Combined Conducted Power (dBm)	Limit (dBm)	Margin (dB)	Result
Bottom	5180	14.4	20.0	5.6	Complied
Middle	5200	15.0	20.0	5.0	Complied
Top	5240	15.1	20.0	4.9	Complied

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

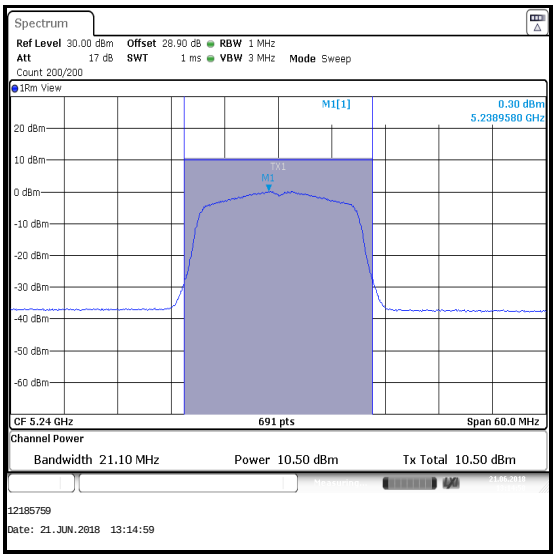
Results: 802.11n / 20 MHz / MIMO / 3Tx TxBF / BPSK / MCS0 / Core 1



Bottom Channel



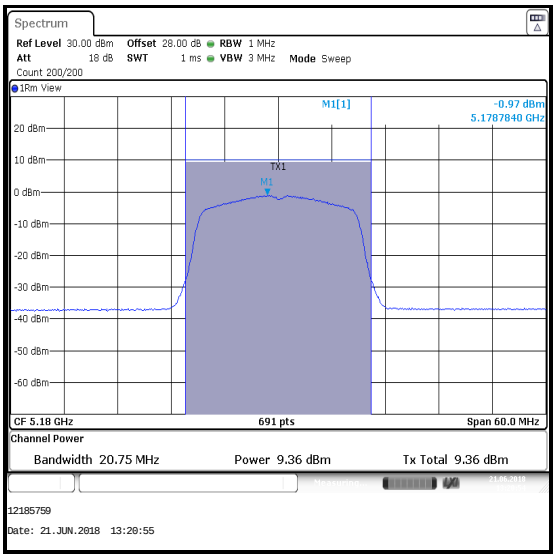
Middle Channel



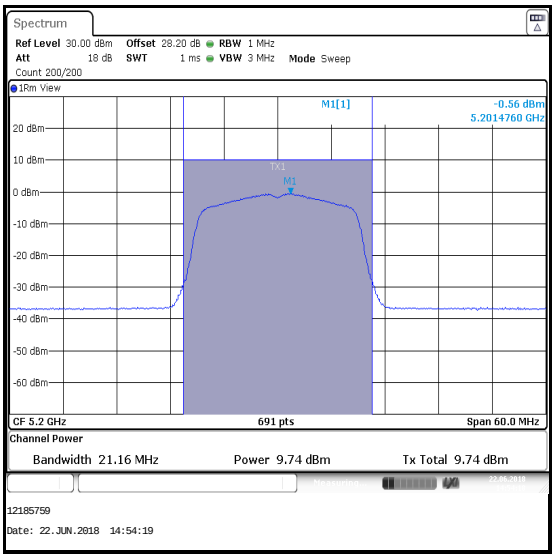
Top Channel

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

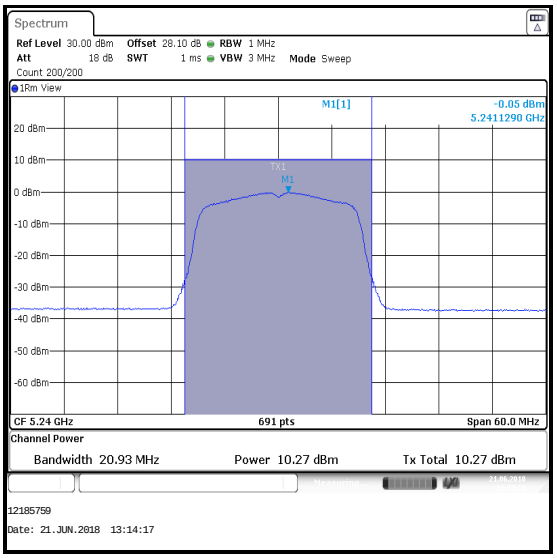
Results: 802.11n / 20 MHz / MIMO / 3Tx TxBF / BPSK / MCS0 / Core 0



Bottom Channel



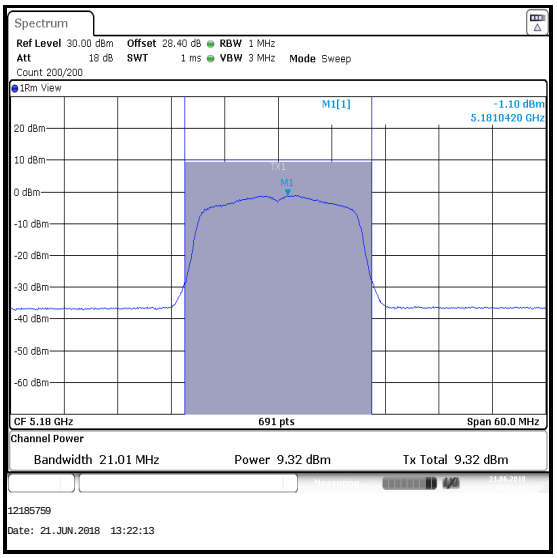
Middle Channel



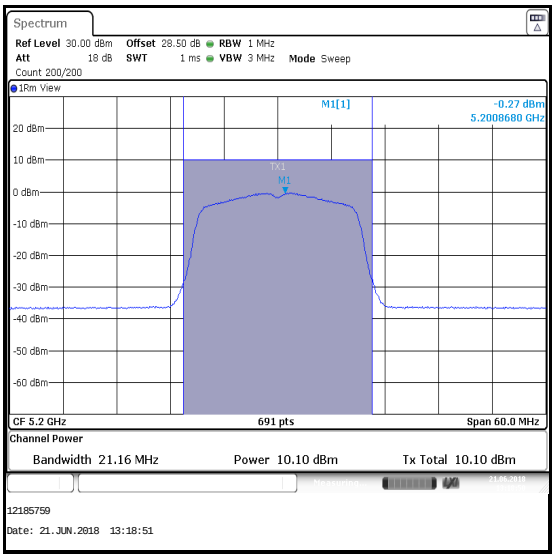
Top Channel

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

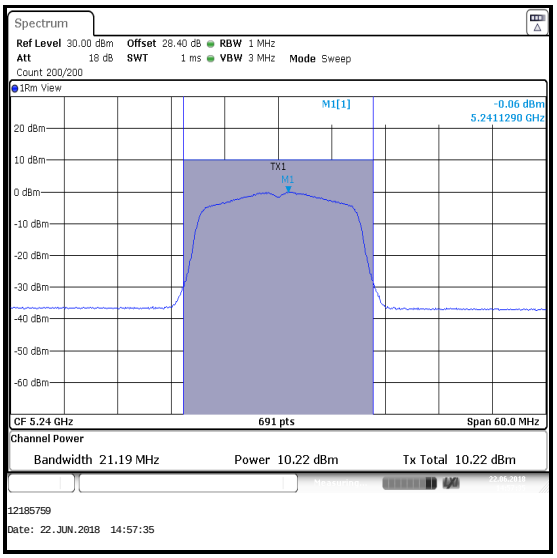
Results: 802.11n / 20 MHz / MIMO / 3Tx TxBF / BPSK / MCS0 / Core 2



Bottom Channel



Middle Channel



Top Channel

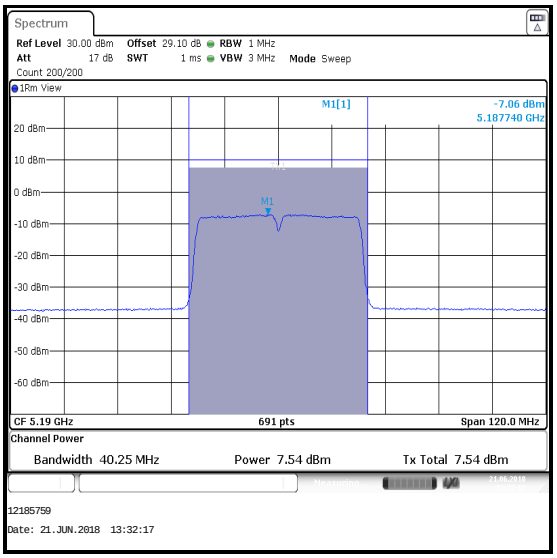
Transmitter Maximum Conducted Output Power (5.15-5.25 GHz band) (continued)

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

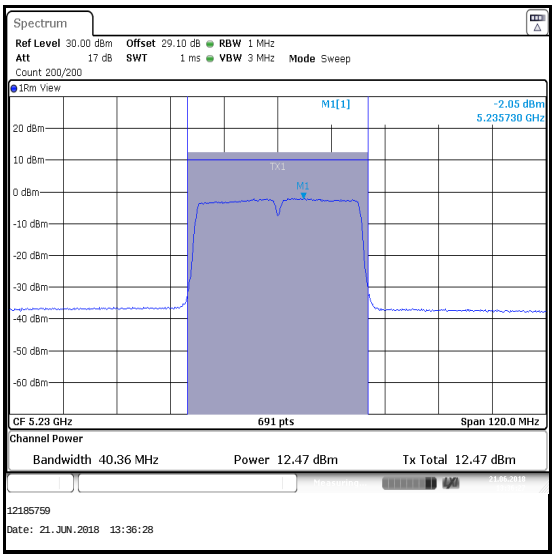
Channel	Frequency (MHz)	Conducted Power Core 1 (dBm)	Conducted Power Core 0 (dBm)	Conducted Power Core 2 (dBm)	Combined Conducted Power (dBm)
Bottom	5190	7.5	7.3	7.1	12.1
Top	5230	12.5	11.9	11.9	16.9

Channel	Frequency (MHz)	Combined Conducted Power (dBm)	Limit (dBm)	Margin (dB)	Result
Bottom	5190	12.1	20.0	7.9	Complied
Top	5243	16.9	20.0	3.1	Complied

Results: 802.11n / 40 MHz / MIMO / 3Tx TxBF / BPSK / MCS0 / Core 1



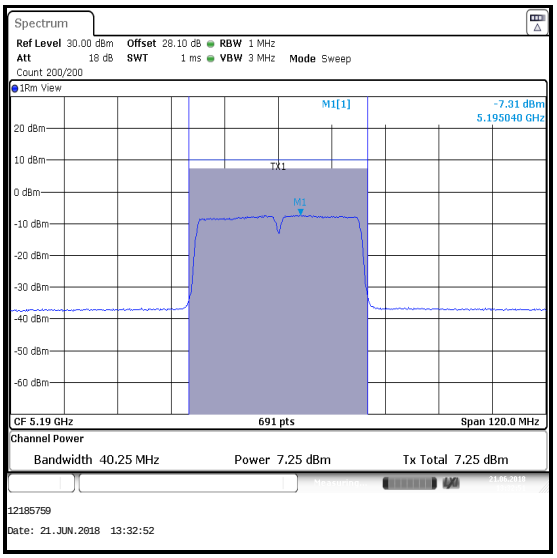
Bottom Channel



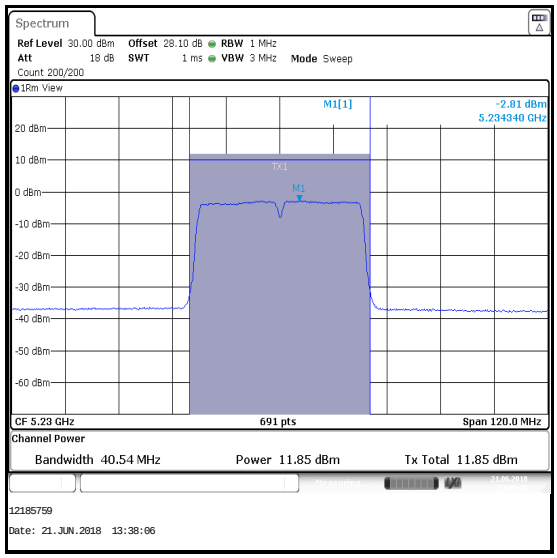
Top Channel

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

Results: 802.11n / 40 MHz / MIMO / 3Tx TxBF / BPSK / MCS0 / Core 0

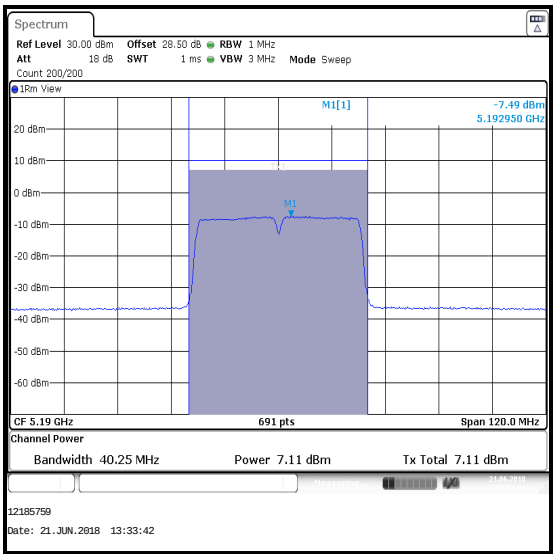


Bottom Channel

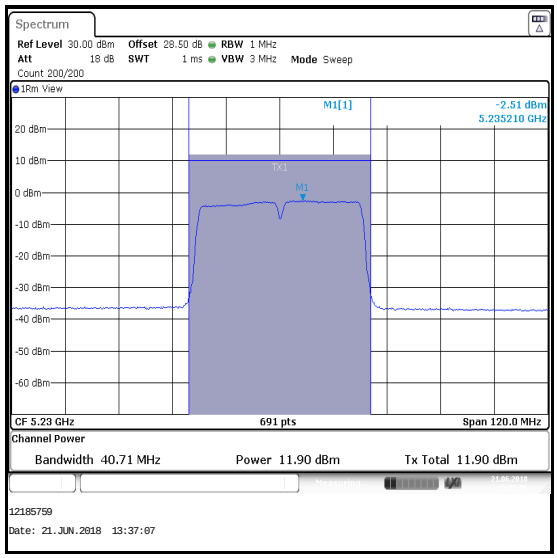


Top Channel

Results: 802.11n / 40 MHz / MIMO / 3Tx TxBF / BPSK / MCS0 / Core 2



Bottom Channel



Top Channel