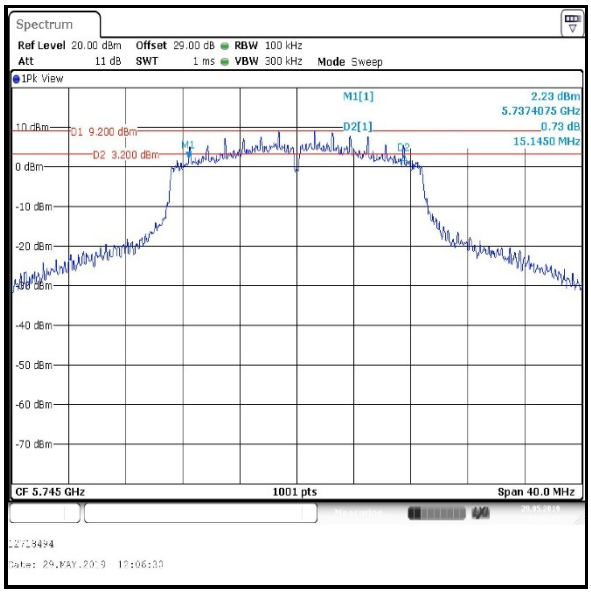
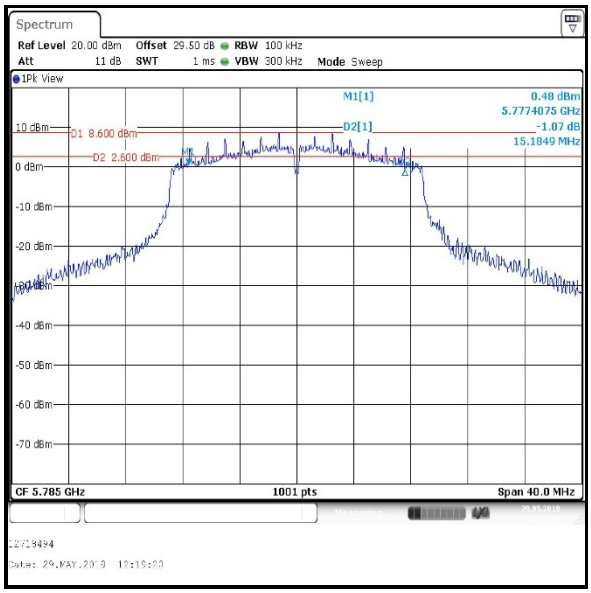
Transmitter Minimum 6 dB Bandwidth (5.725-5.85 GHz band) (continued)

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

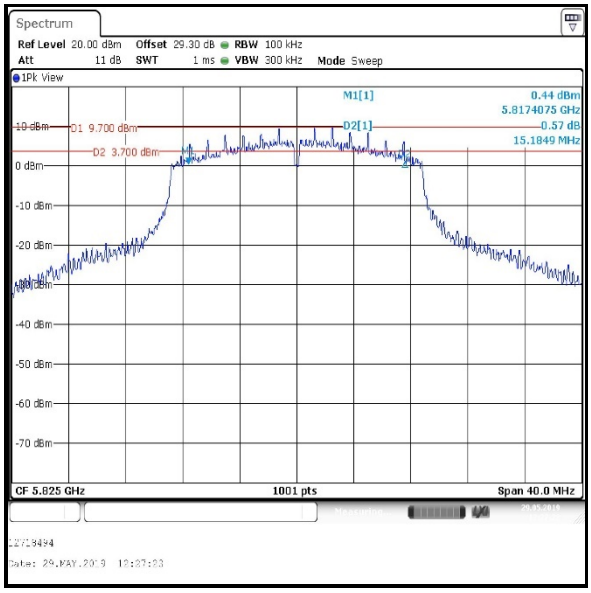
Channel	6 dB Bandwidth (kHz)	Limit (kHz)	Margin (kHz)	Result
Bottom	15145	≥500	14645	Complied
Middle	15185	≥500	14685	Complied
Top	15185	≥500	14685	Complied



Bottom Channel



Middle Channel

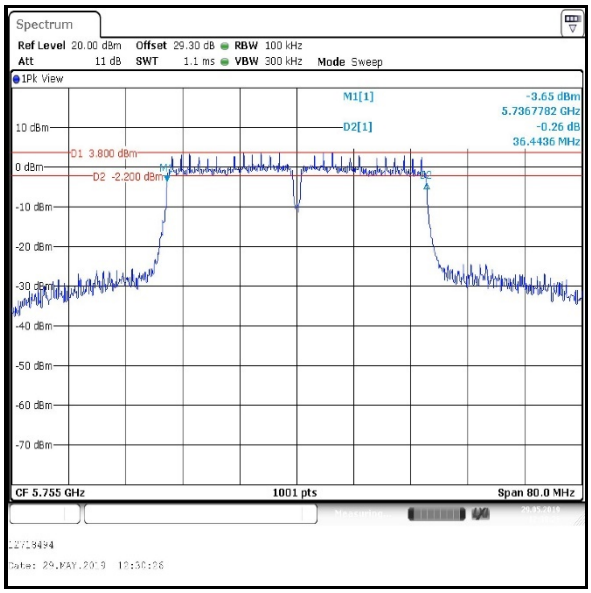


Top Channel

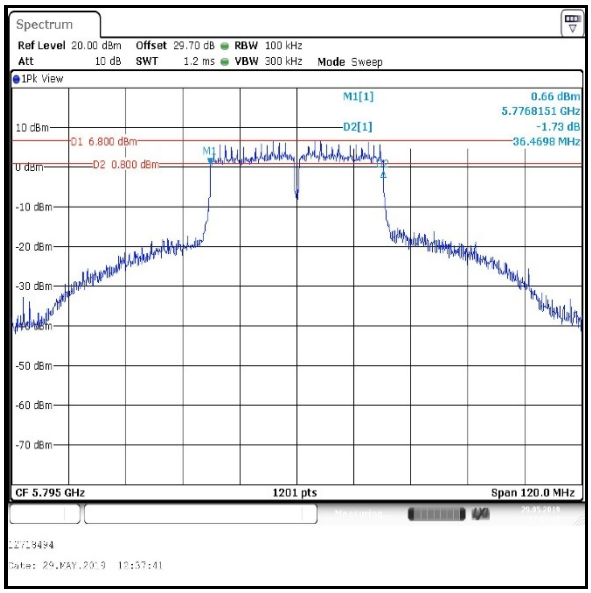
Transmitter Minimum 6 dB Bandwidth (5.725-5.85 GHz band) (continued)

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

Channel	6 dB Bandwidth (kHz)	Limit (kHz)	Margin (kHz)	Result
Bottom	36444	≥500	35944	Complied
Top	36470	≥500	35970	Complied



Bottom Channel

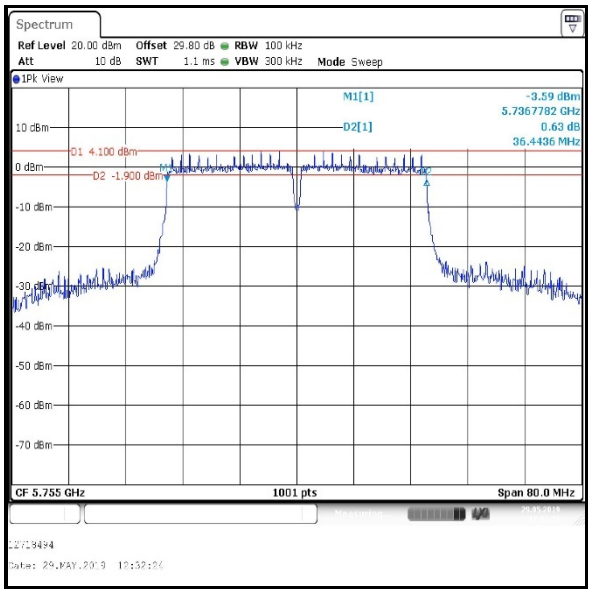


Top Channel

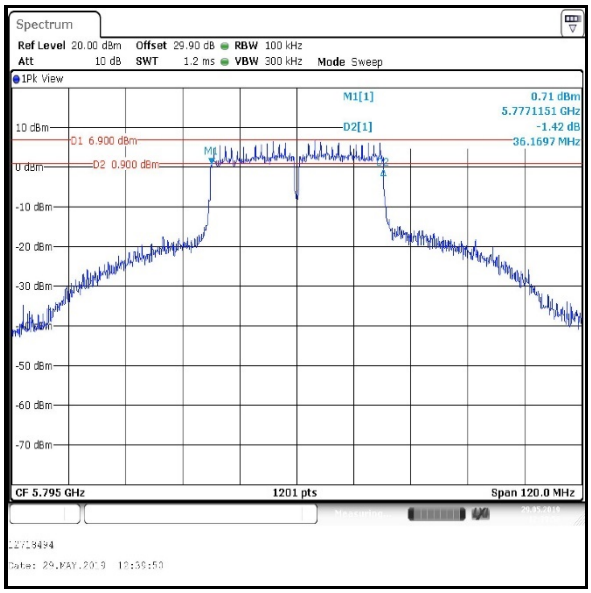
Transmitter Minimum 6 dB Bandwidth (5.725-5.85 GHz band) (continued)

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

Channel	6 dB Bandwidth (kHz)	Limit (kHz)	Margin (kHz)	Result
Bottom	36444	≥500	35944	Complied
Top	36170	≥500	35670	Complied



Bottom Channel

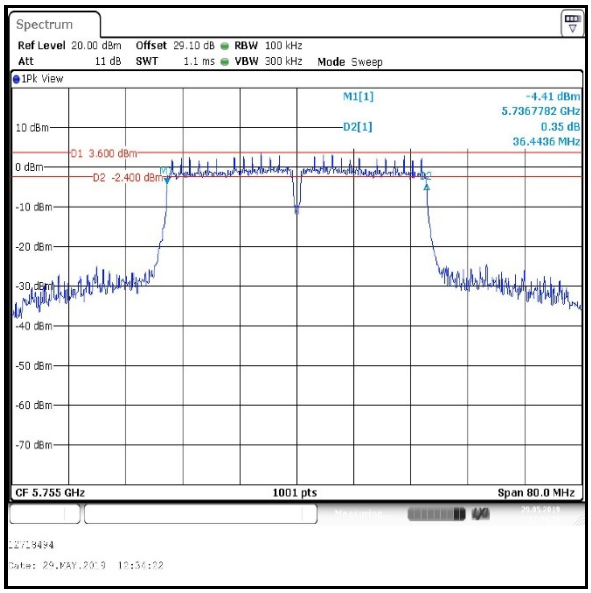


Top Channel

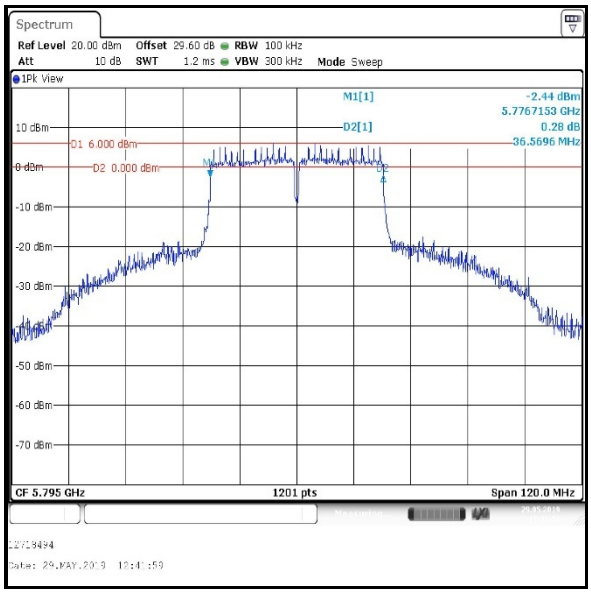
Transmitter Minimum 6 dB Bandwidth (5.725-5.85 GHz band) (continued)

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

Channel	6 dB Bandwidth (kHz)	Limit (kHz)	Margin (kHz)	Result
Bottom	36444	≥500	35944	Complied
Top	36570	≥500	36070	Complied



Bottom Channel

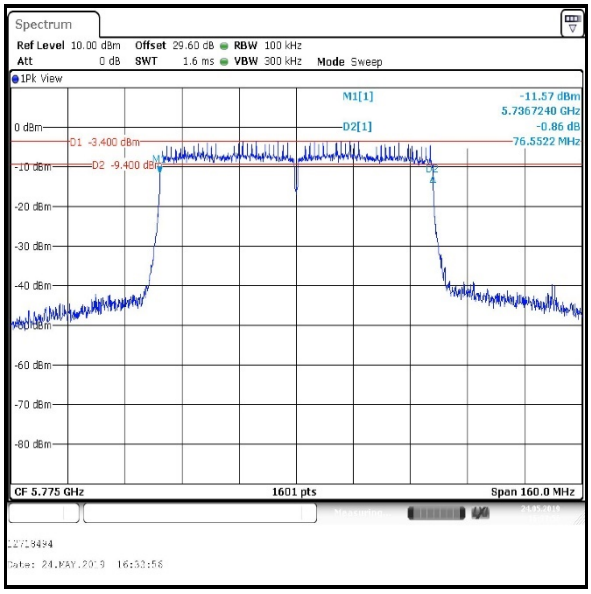


Top Channel

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

Results: 802.11ac / 80 MHz / MIMO / 3Tx TXBF / BPSK / MCS0x1 / Core 0

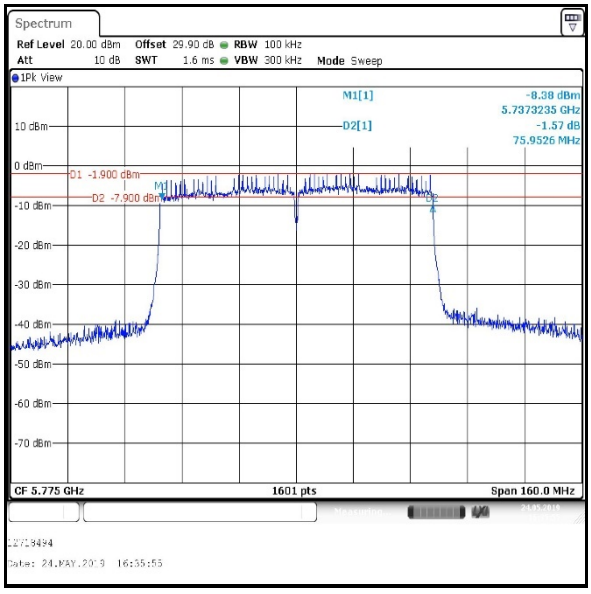
Channel	6 dB Bandwidth (kHz)	Limit (kHz)	Margin (kHz)	Result
Single	76552	≥500	76052	Complied



Single Channel

Results: 802.11ac / 80 MHz / MIMO / 3Tx TXBF / BPSK / MCS0x1 / Core 1

Channel	6 dB Bandwidth (kHz)	Limit (kHz)	Margin (kHz)	Result
Single	75953	≥500	75453	Complied

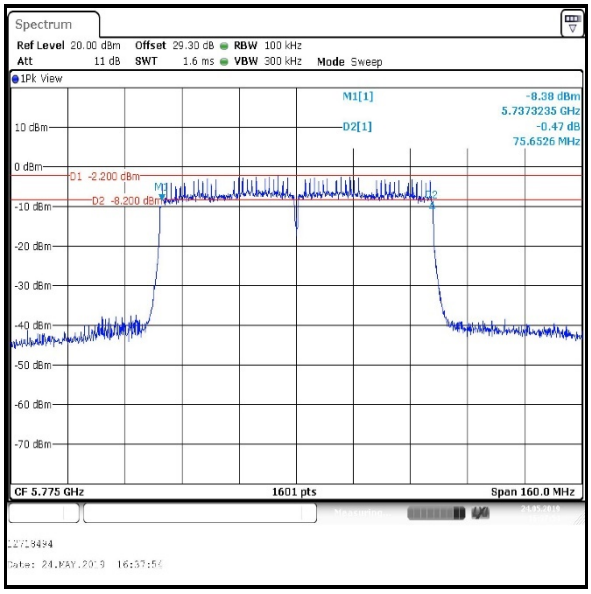


Single Channel

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

Results: 802.11ac / 80 MHz / MIMO / 3Tx TXBF / BPSK / MCS0x1 / Core 2

Channel	6 dB Bandwidth (kHz)	Limit (kHz)	Margin (kHz)	Result
Single	75653	≥500	75153	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, Victor Carmon & Matthew Botfield	**Test Dates:**	19 May 2019 to 30 May 2019
Test Sample Serial Numbers:	C02YF007MFLF & C02YD003MFLQ		

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):	20 to 23
Relative Humidity (%):	40 to 54

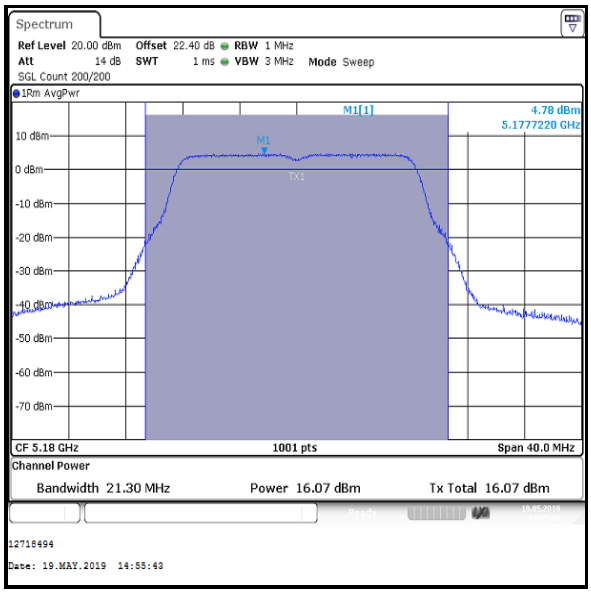
Note(s):

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 SISO, MIMO CDD and MIMO SDM modes of operation, the antenna gain is < 6 dBi.
7. For 2Tx TXBF modes of operation presented in this section of the test report, the EUT has a directional antenna gain of 7.8 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 1.8 dB to 22.2 dBm.
8. For 3Tx 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)(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 3.4 dB to 20.6 dBm.
9. For details on antenna gains refer to Section 3.4 of this test report.
10. 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.
11. The EUT with serial number C02YF007MFLF was used for non-TxBF tests, the EUT with serial C02YD003MFLQ number was used for TXBF tests.

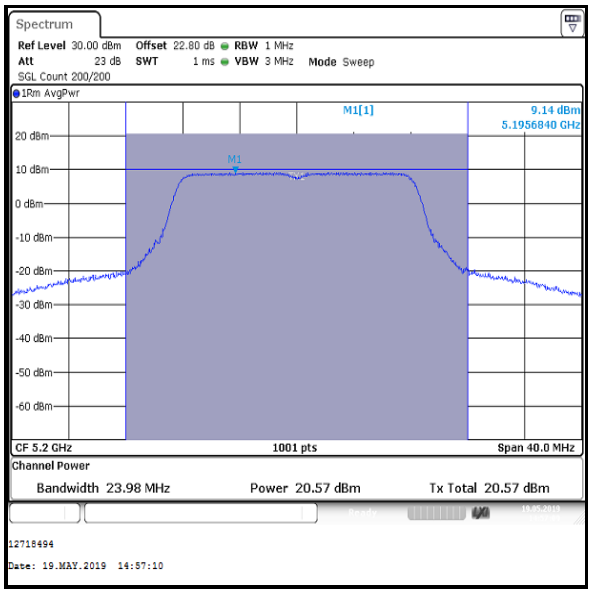
Transmitter Maximum Conducted Output Power (5.15-5.25 GHz band) (continued)

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

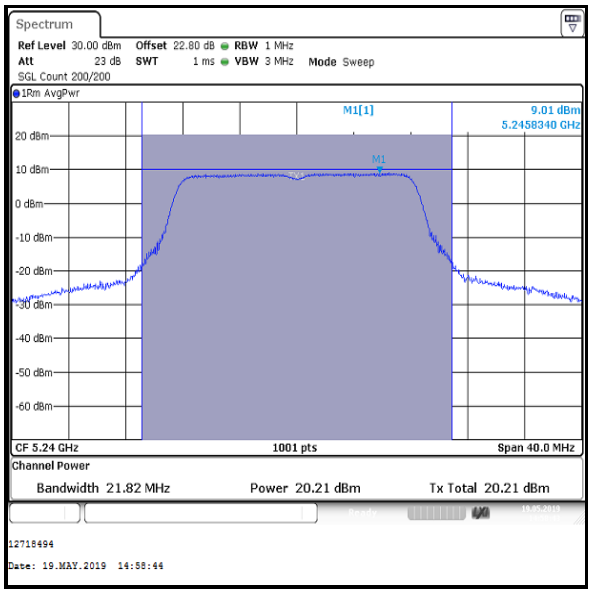
Channel	Frequency (MHz)	Conducted Power (dBm)	Limit (dBm)	Margin (dB)	Result
Bottom	5180	16.1	24.0	7.9	Complied
Middle	5200	20.6	24.0	3.4	Complied
Top	5240	20.2	24.0	3.8	Complied



Bottom Channel



Middle Channel

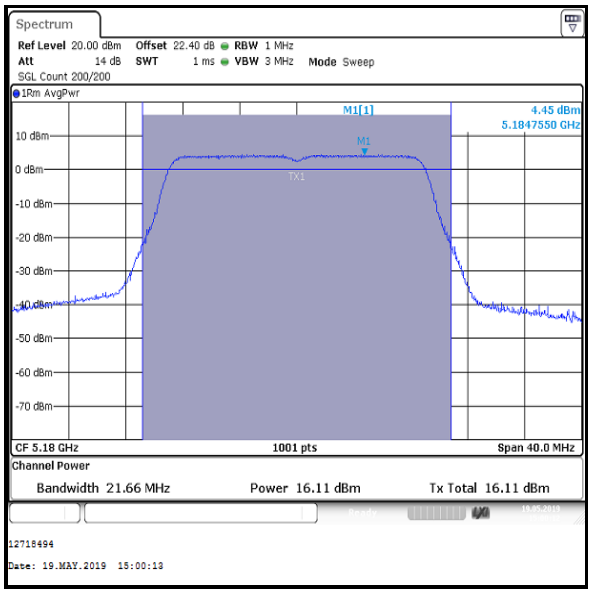


Top Channel

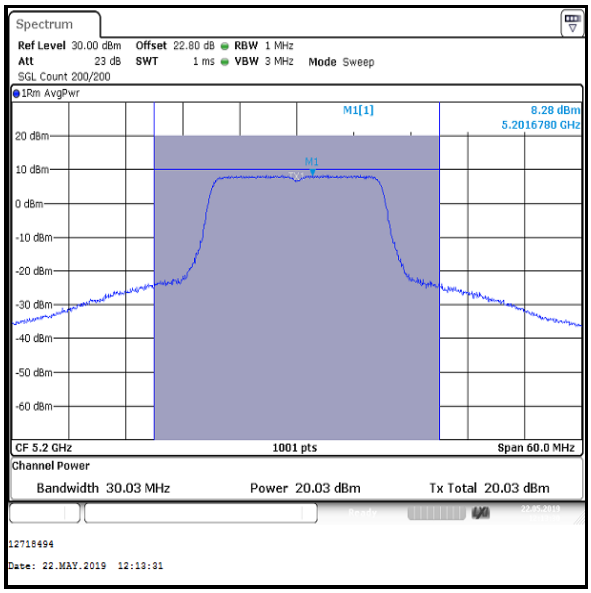
Transmitter Maximum Conducted Output Power (5.15-5.25 GHz band) (continued)

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

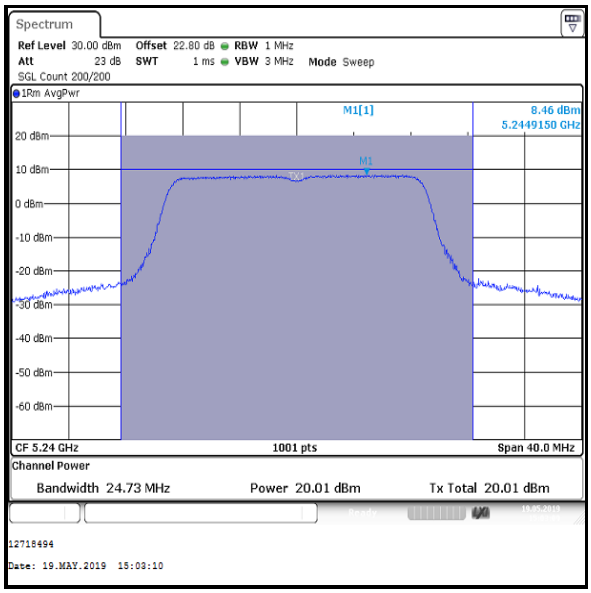
Channel	Frequency (MHz)	Conducted Power (dBm)	Limit (dBm)	Margin (dB)	Result
Bottom	5180	16.1	24.0	7.9	Complied
Middle	5200	20.0	24.0	4.0	Complied
Top	5240	20.0	24.0	4.0	Complied



Bottom Channel



Middle Channel

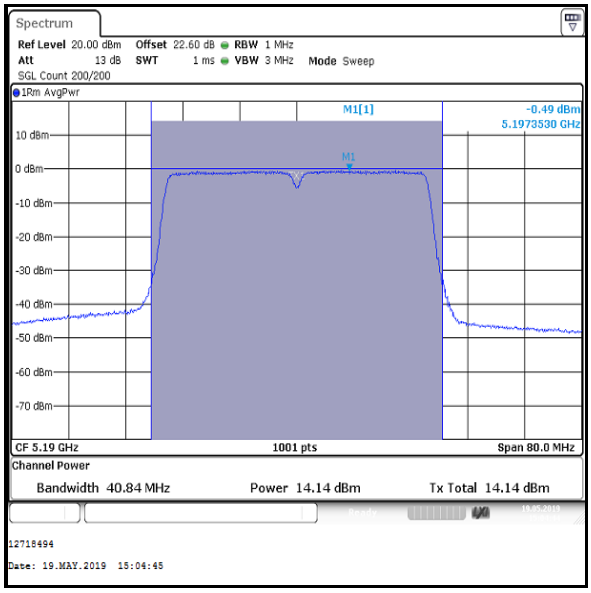


Top Channel

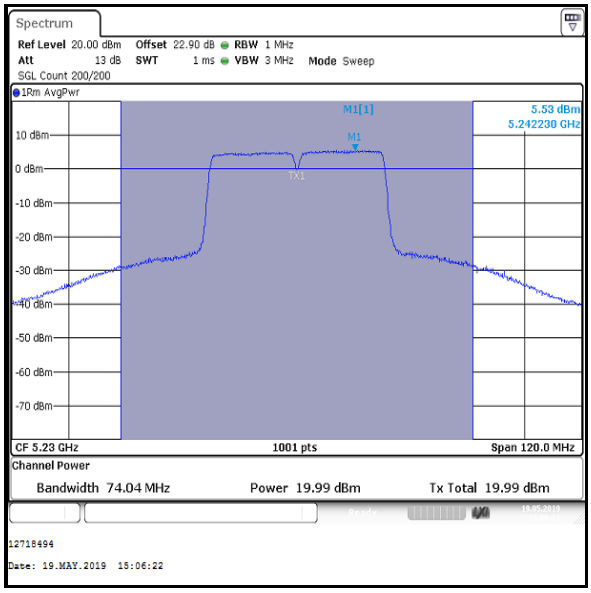
Transmitter Maximum Conducted Output Power (5.15-5.25 GHz band) (continued)

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	14.1	0.1	14.2	24.0	9.8	Complied
Top	5230	20.0	0.1	20.1	24.0	3.9	Complied



Bottom Channel

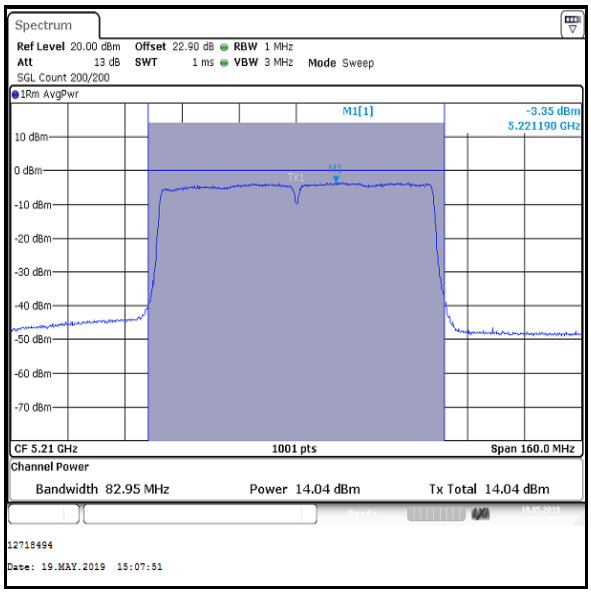


Top Channel

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

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

Channel	Frequency (MHz)	Conducted Power (dBm)	Duty cycle correction factor (dB)	Corrected Conducted Power (dBm)	Limit (dBm)	Margin (dB)	Result
Single	5210	14.0	0.2	14.2	24.0	9.8	Complied



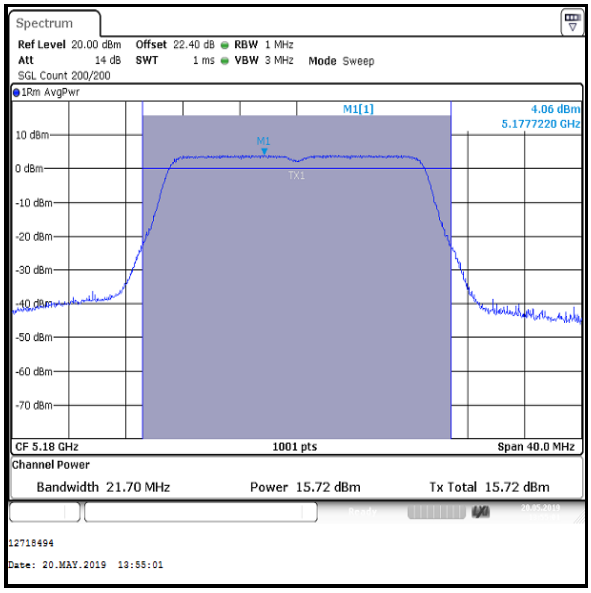
Single Channel

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

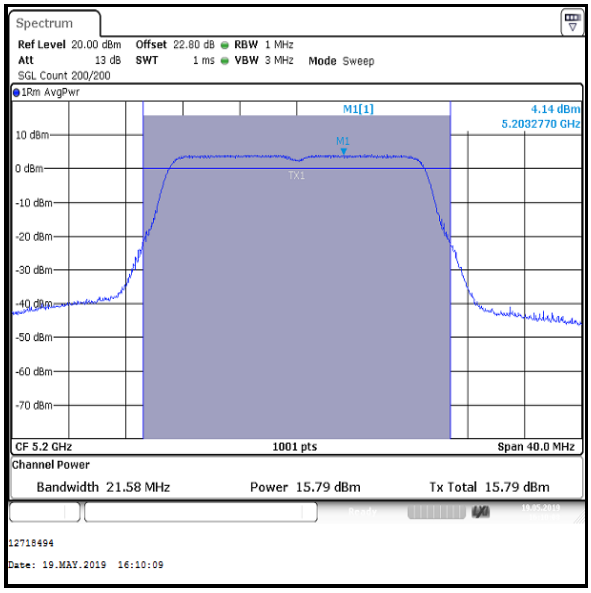
Results: 802.11n / 20 MHz / MIMO / 2Tx CDD / BPSK / MCS0

Channel	Frequency (MHz)	Conducted Power Core 0 (dBm)	Conducted Power Core 1 (dBm)	Combined Conducted Power (dBm)	Limit (dBm)	Margin (dB)	Result
Bottom	5180	15.7	15.4	18.6	24.0	5.4	Complied
Middle	5200	15.8	13.4	17.8	24.0	6.2	Complied
Top	5240	15.8	13.4	17.8	24.0	6.2	Complied

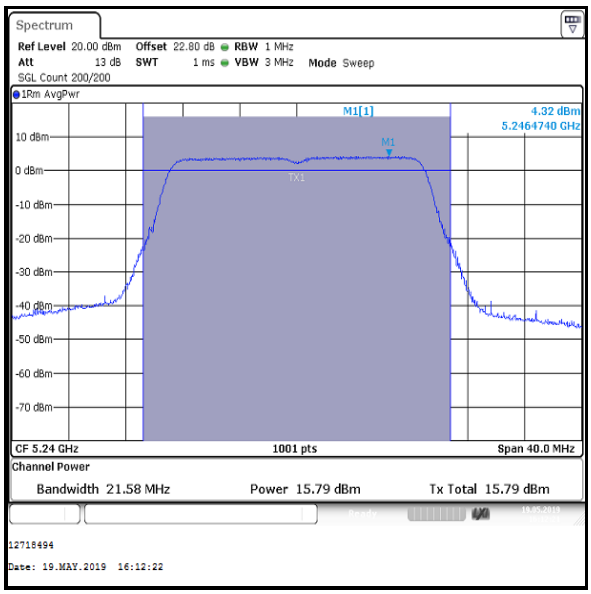
Results: 802.11n / 20 MHz / MIMO / 2Tx CDD / BPSK / MCS0 / Core 0



Bottom Channel



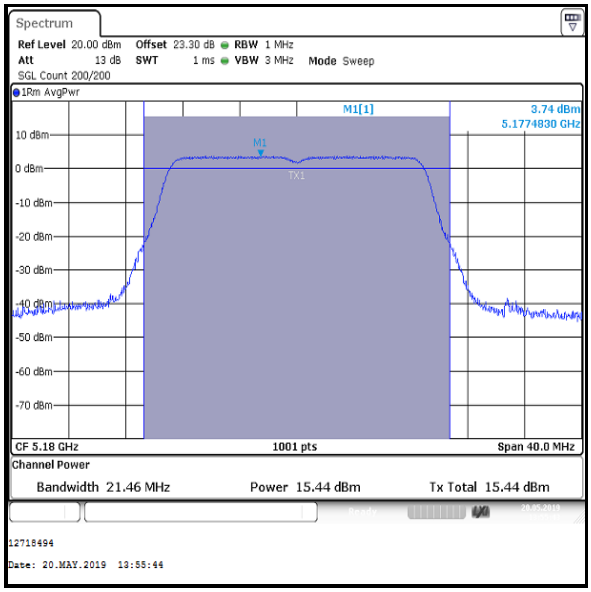
Middle Channel



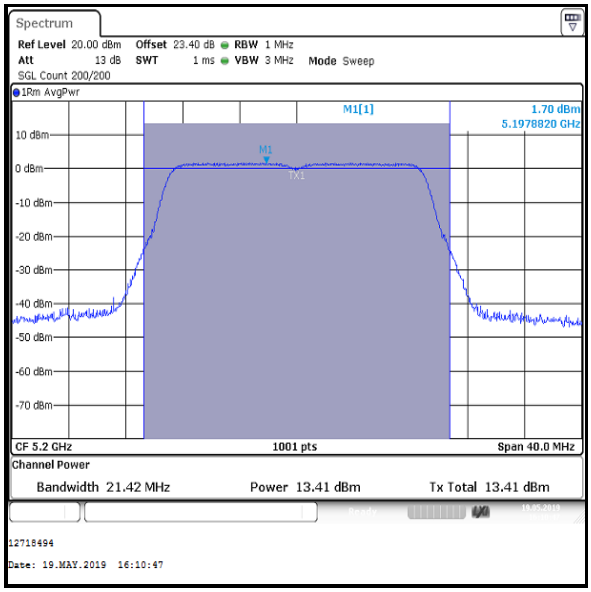
Top Channel

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

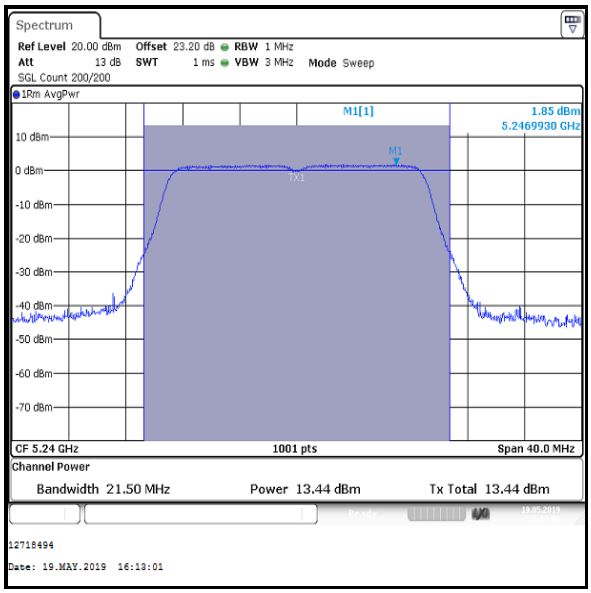
Results: 802.11n / 20 MHz / MIMO / 2Tx CDD / BPSK / MCS0 / Core 1



Bottom Channel



Middle Channel



Top Channel

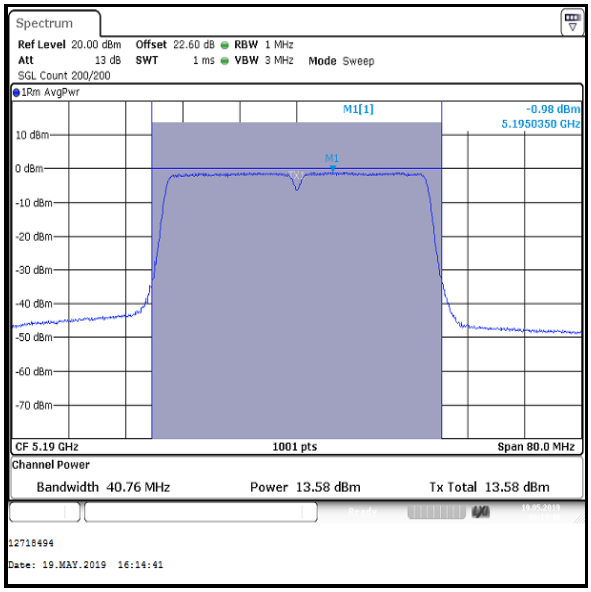
Transmitter Maximum Conducted Output Power (5.15-5.25 GHz band) (continued)

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

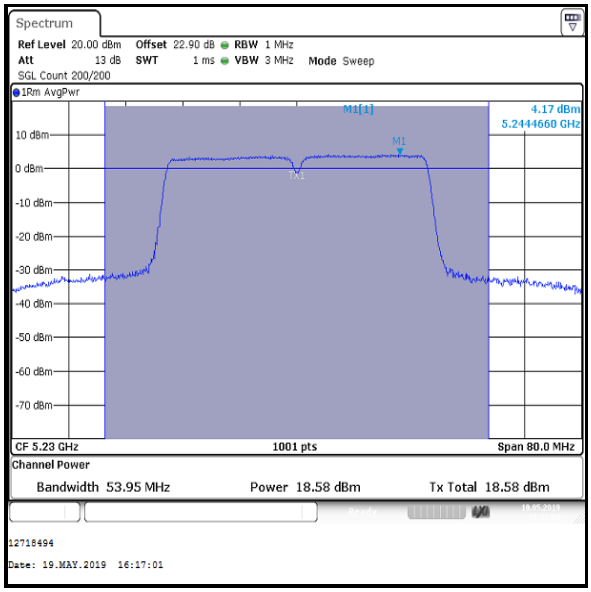
Channel	Frequency (MHz)	Core 0			Core 1		
		Conducted Power (dBm)	Duty Cycle correction factor (dB)	Corrected Conducted Power (dBm)	Conducted Power (dBm)	Duty Cycle correction factor (dB)	Corrected Conducted Power (dBm)
Bottom	5190	13.6	0.1	13.7	11.3	0.1	11.4
Top	5230	18.6	0.1	18.7	16.2	0.1	16.3

Channel	Frequency (MHz)	Corrected Conducted Power Core 0 (dBm)	Corrected Conducted Power Core 1 (dBm)	Combined Conducted Power (dBm)	Limit (dBm)	Margin (dB)	Result
Bottom	5190	13.7	11.4	15.7	24.0	8.3	Complied
Top	5230	18.7	16.3	20.7	24.0	3.3	Complied

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



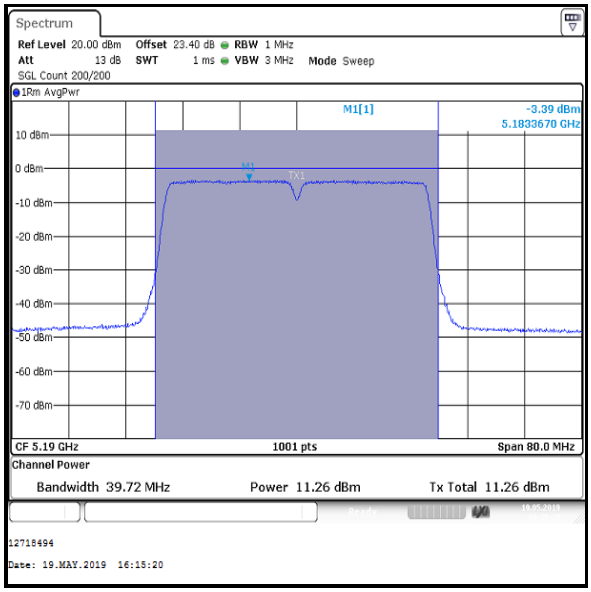
Bottom Channel



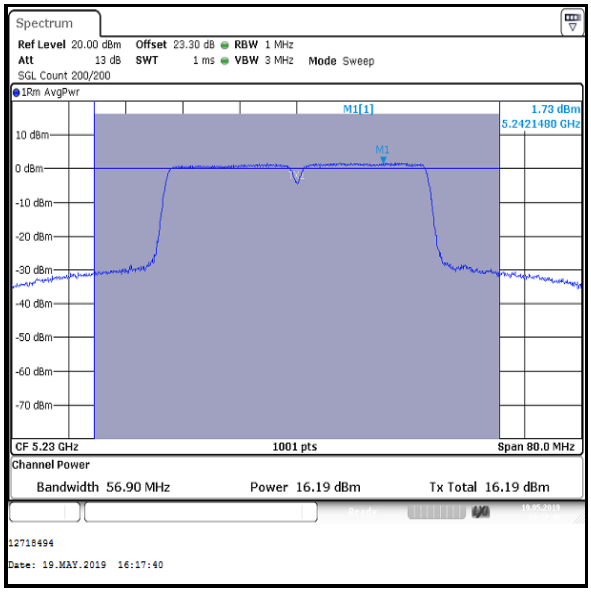
Top Channel

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

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



Bottom Channel



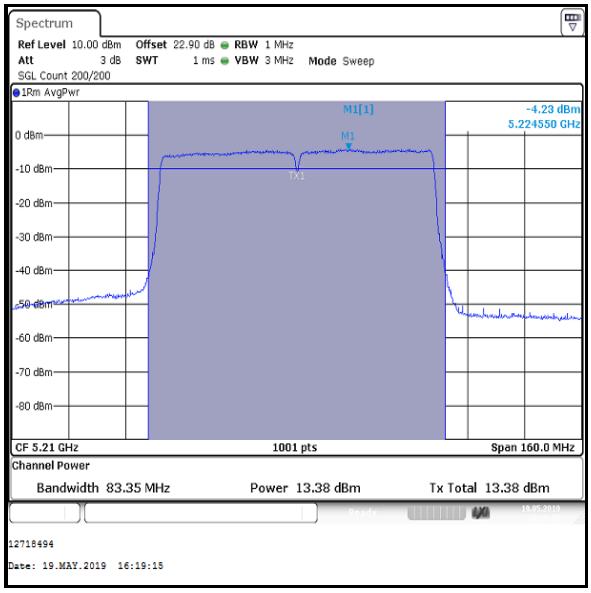
Top Channel

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

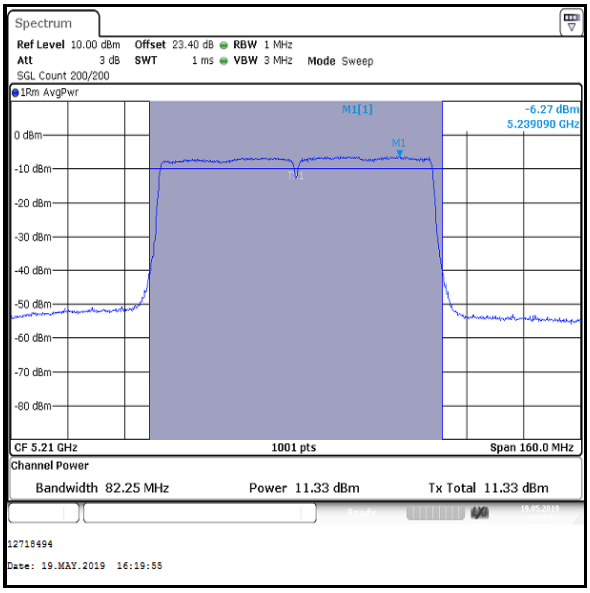
Results: 802.11ac / 80 MHz / MIMO / 2Tx CDD / BPSK / MCS0x1

Channel	Frequency (MHz)	Core 0			Core 1		
		Conducted Power (dBm)	Duty Cycle correction factor (dB)	Corrected Conducted Power (dBm)	Conducted Power (dBm)	Duty Cycle correction factor (dB)	Corrected Conducted Power (dBm)
Single	5210	13.4	0.2	13.6	11.3	0.2	11.5

Channel	Frequency (MHz)	Corrected Conducted Power Core 0 (dBm)	Corrected Conducted Power Core 1 (dBm)	Combined Conducted Power (dBm)	Limit (dBm)	Margin (dB)	Result
Single	5210	13.6	11.5	15.7	24.0	8.3	Complied



Single Channel / Core 0



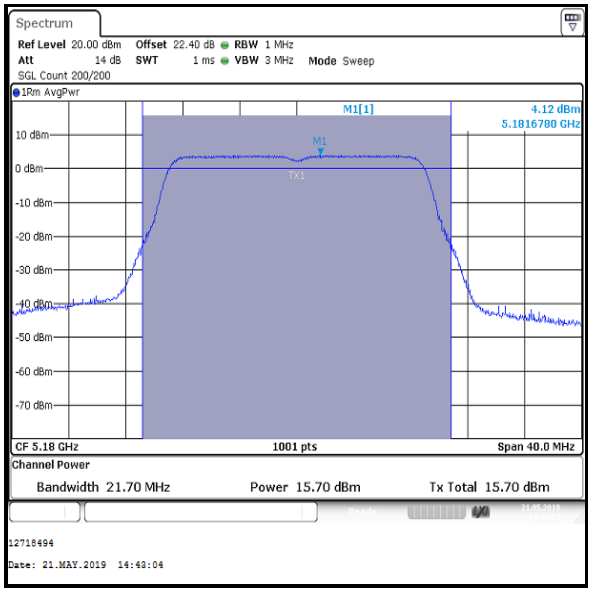
Single Channel / Core 1

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

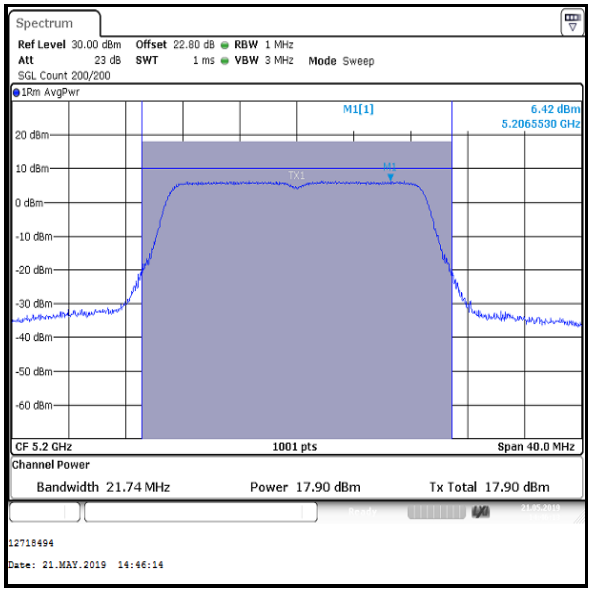
Results: 802.11n / 20 MHz / MIMO / 2Tx SDM / BPSK / MCS8

Channel	Frequency (MHz)	Conducted Power Core 0 (dBm)	Conducted Power Core 1 (dBm)	Combined Conducted Power (dBm)	Limit (dBm)	Margin (dB)	Result
Bottom	5180	15.7	15.7	18.7	24.0	5.3	Complied
Middle	5200	17.9	17.2	20.6	24.0	3.4	Complied
Top	5240	17.7	17.8	20.8	24.0	3.2	Complied

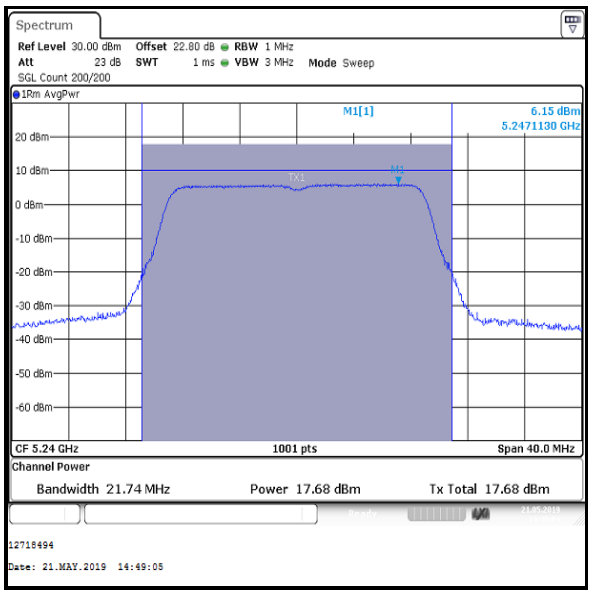
Results: 802.11n / 20 MHz / MIMO / 2Tx SDM / BPSK / MCS8 / Core 0



Bottom Channel



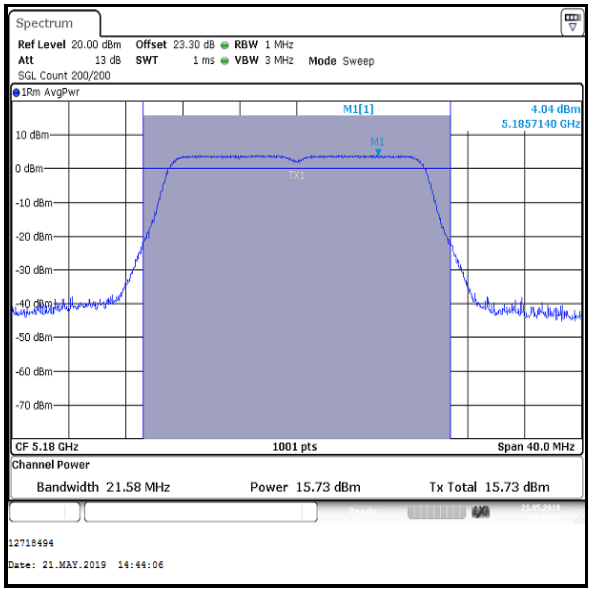
Middle Channel



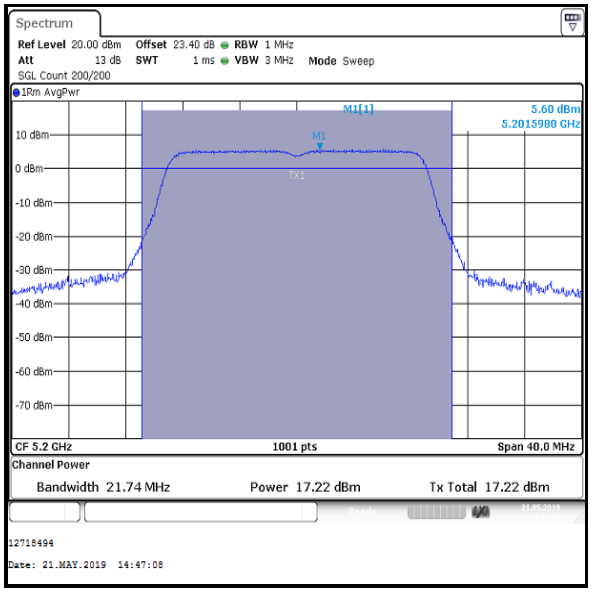
Top Channel

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

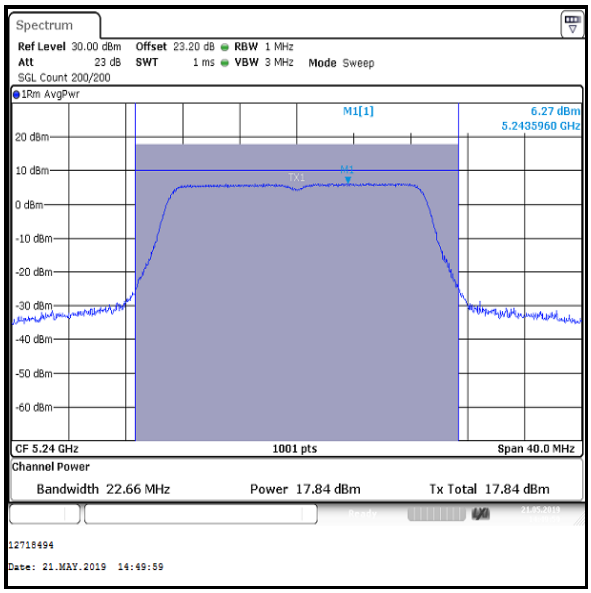
Results: 802.11n / 20 MHz / MIMO / 2Tx SDM / BPSK / MCS8 / Core 1



Bottom Channel



Middle Channel



Top Channel

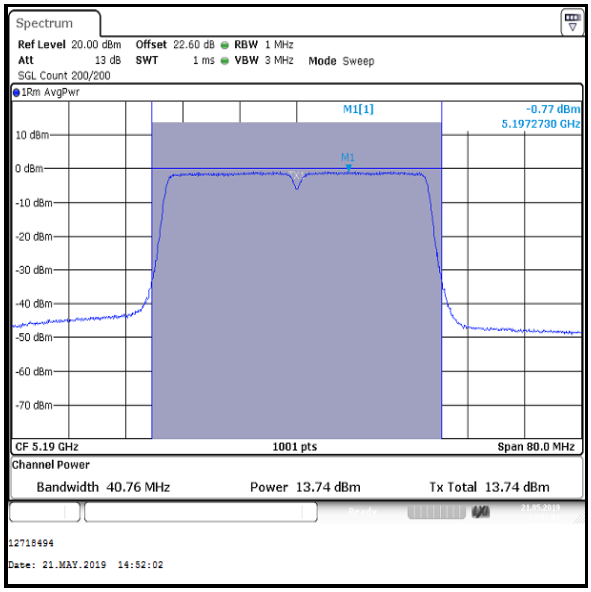
Transmitter Maximum Conducted Output Power (5.15-5.25 GHz band) (continued)

Results: 802.11n / 40 MHz / MIMO / 2Tx SDM / BPSK / MCS8

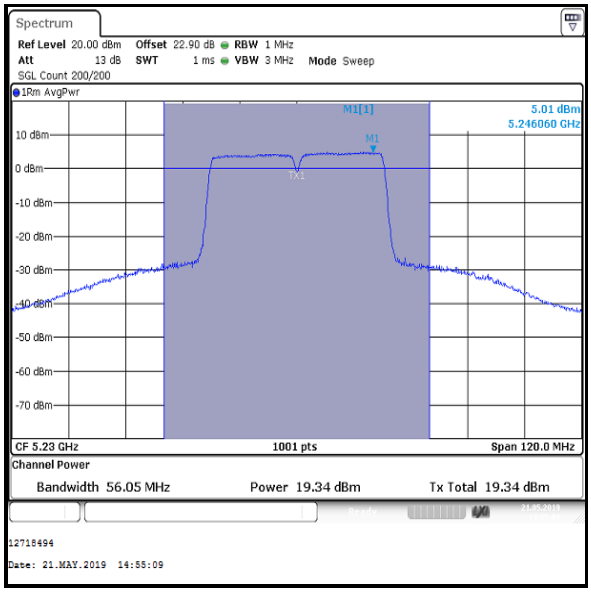
Channel	Frequency (MHz)	Core 0			Core 1		
		Conducted Power (dBm)	Duty Cycle correction factor (dB)	Corrected Conducted Power (dBm)	Conducted Power (dBm)	Duty Cycle correction factor (dB)	Corrected Conducted Power (dBm)
Bottom	5190	13.7	0.1	13.8	13.3	0.1	13.4
Top	5230	19.3	0.1	19.4	19.2	0.1	19.3

Channel	Frequency (MHz)	Corrected Conducted Power Core 0 (dBm)	Corrected Conducted Power Core 1 (dBm)	Combined Conducted Power (dBm)	Limit (dBm)	Margin (dB)	Result
Bottom	5190	13.8	13.4	16.6	24.0	7.4	Complied
Top	5230	19.4	19.3	22.4	24.0	1.6	Complied

Results: 802.11n / 40 MHz / MIMO / 2Tx SDM / BPSK / MCS8 / Core 0



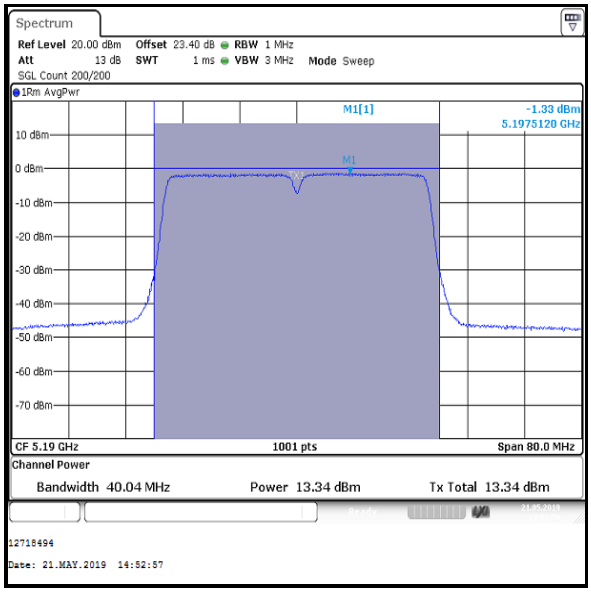
Bottom Channel



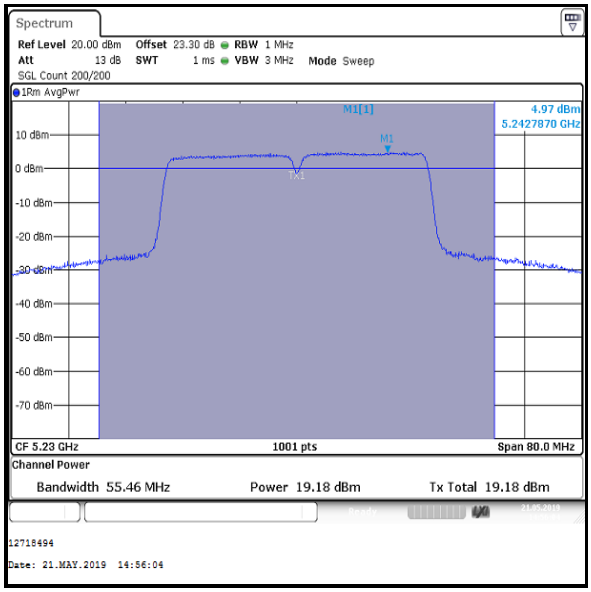
Top Channel

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

Results: 802.11n / 40 MHz / MIMO / 2Tx SDM / BPSK / MCS8 / Core 1



Bottom Channel



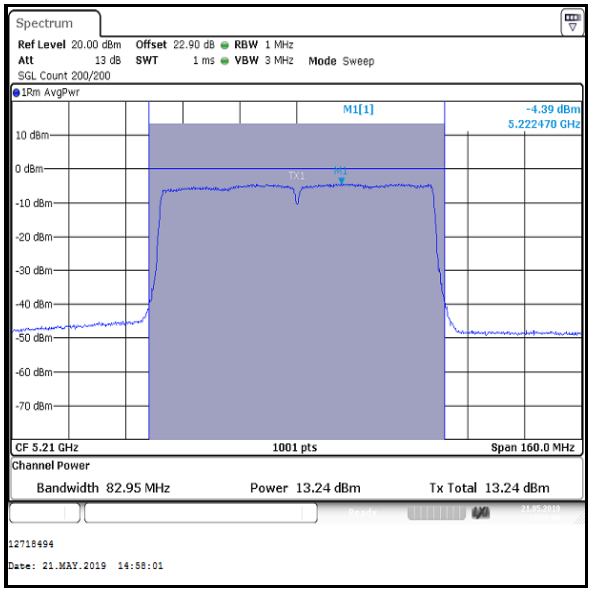
Top Channel

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

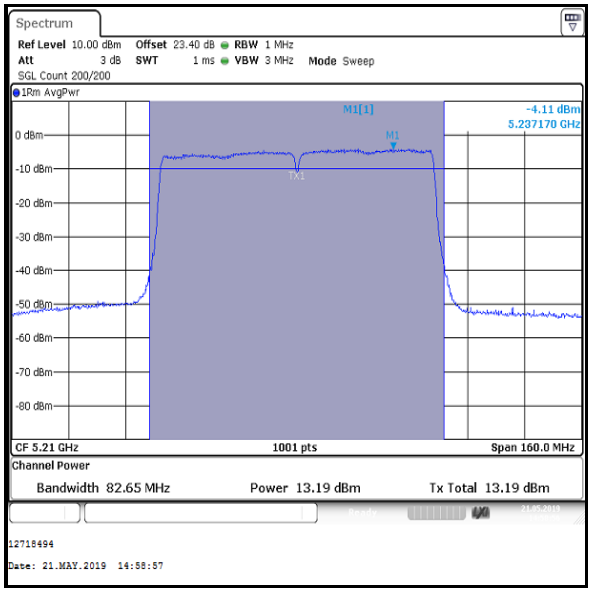
Results: 802.11ac / 80 MHz / MIMO / 2Tx SDM / BPSK / MCS0x2

Channel	Frequency (MHz)	Core 0			Core 1		
		Conducted Power (dBm)	Duty Cycle correction factor (dB)	Corrected Conducted Power (dBm)	Conducted Power (dBm)	Duty Cycle correction factor (dB)	Corrected Conducted Power (dBm)
Single	5210	13.2	0.2	13.4	13.2	0.2	13.4

Channel	Frequency (MHz)	Corrected Conducted Power Core 0 (dBm)	Corrected Conducted Power Core 1 (dBm)	Combined Conducted Power (dBm)	Limit (dBm)	Margin (dB)	Result
Single	5210	13.4	13.4	16.4	24.0	7.6	Complied



Single Channel / Core 0



Single Channel / Core 1

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

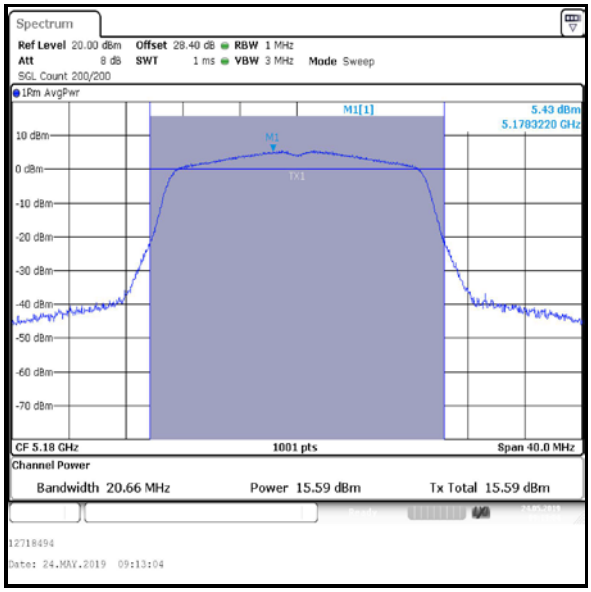
Results: 802.11n / 20 MHz / MIMO / 2Tx TXBF / BPSK / MCS0

Channel	Frequency (MHz)	Core 0			Core 1		
		Conducted Power (dBm)	Duty Cycle correction factor (dB)	Corrected Conducted Power (dBm)	Conducted Power (dBm)	Duty Cycle correction factor (dB)	Corrected Conducted Power (dBm)
Bottom	5180	15.6	0.1	15.7	14.1	0.1	14.2
Middle	5200	15.1	0.1	15.2	13.7	0.1	13.8
Top	5240	15.1	0.1	15.2	13.6	0.1	13.7

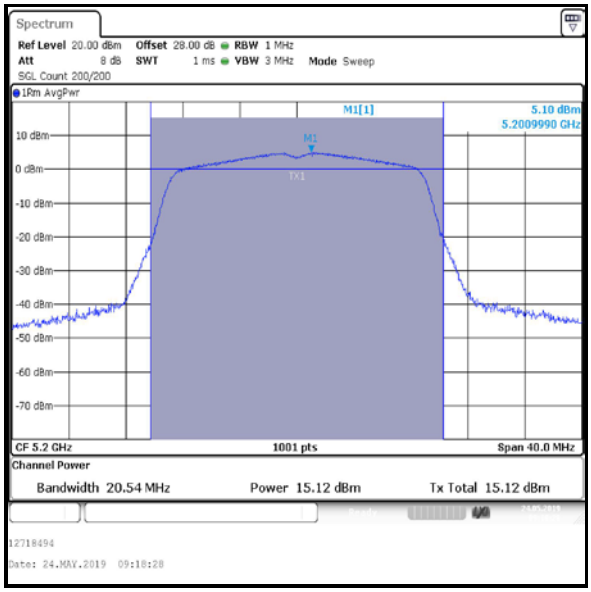
Channel	Frequency (MHz)	Corrected Conducted Power Core 0 (dBm)	Corrected Conducted Power Core 1 (dBm)	Combined Conducted Power (dBm)	Limit (dBm)	Margin (dB)	Result
Bottom	5180	15.7	14.2	18.0	22.2	4.2	Complied
Middle	5200	15.2	13.8	17.6	22.2	4.6	Complied
Top	5240	15.2	13.7	17.5	22.2	4.7	Complied

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

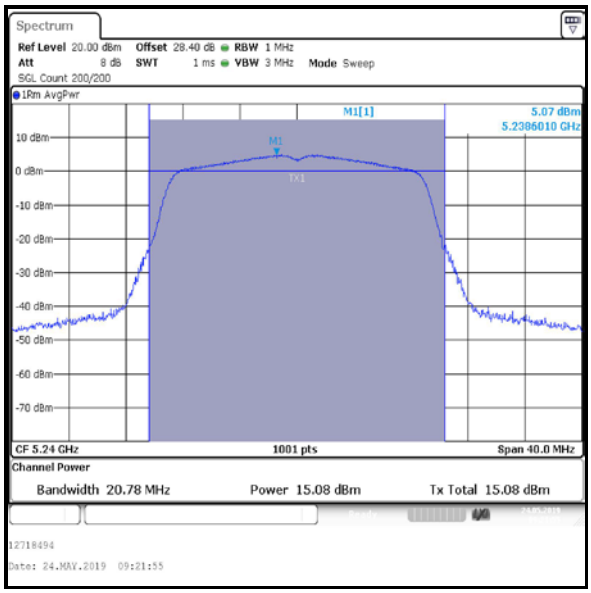
Results: 802.11n / 20 MHz / MIMO / 2Tx TXBF / BPSK / MCS0 / Core 0



Bottom Channel



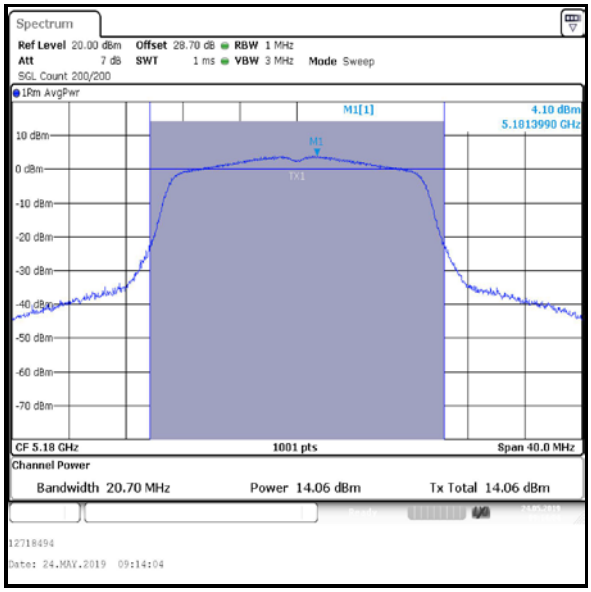
Middle Channel



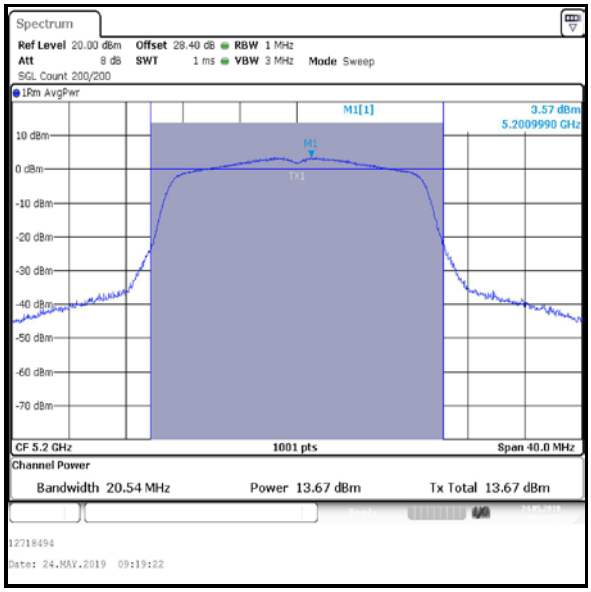
Top Channel

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

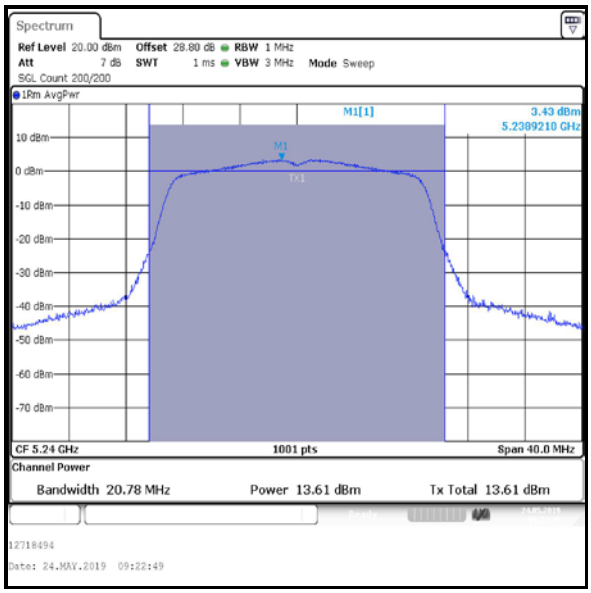
Results: 802.11n / 20 MHz / MIMO / 2Tx TXBF / BPSK / MCS0 / Core 1



Bottom Channel



Middle Channel



Top Channel

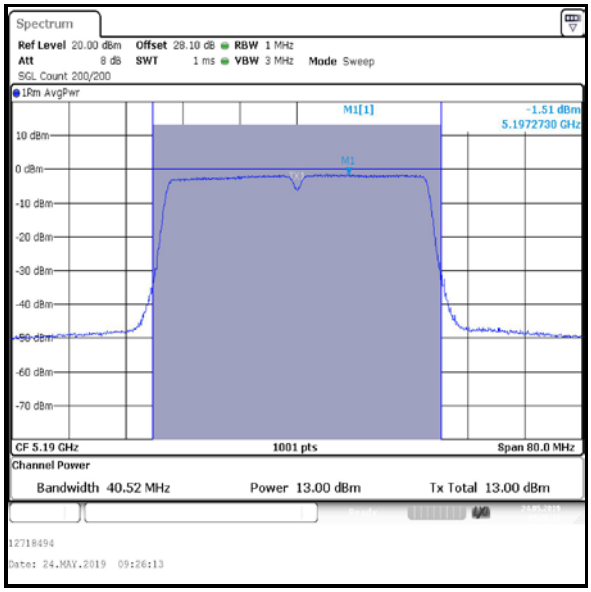
Transmitter Maximum Conducted Output Power (5.15-5.25 GHz band) (continued)

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

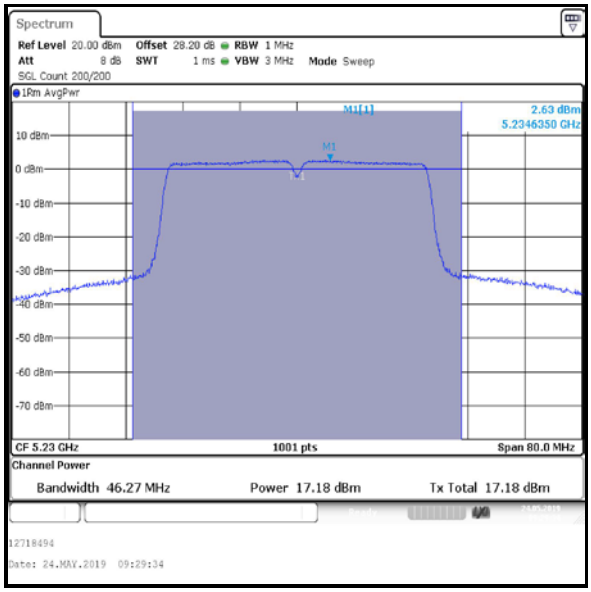
Channel	Frequency (MHz)	Core 0			Core 1		
		Conducted Power (dBm)	Duty Cycle correction factor (dB)	Corrected Conducted Power (dBm)	Conducted Power (dBm)	Duty Cycle correction factor (dB)	Corrected Conducted Power (dBm)
Bottom	5190	13.0	0.1	13.1	12.1	0.1	12.2
Top	5230	17.2	0.1	17.3	16.3	0.1	16.4

Channel	Frequency (MHz)	Corrected Conducted Power Core 0 (dBm)	Corrected Conducted Power Core 1 (dBm)	Combined Conducted Power (dBm)	Limit (dBm)	Margin (dB)	Result
Bottom	5190	13.1	12.2	15.7	22.2	6.5	Complied
Top	5230	17.3	16.4	19.9	22.2	2.3	Complied

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



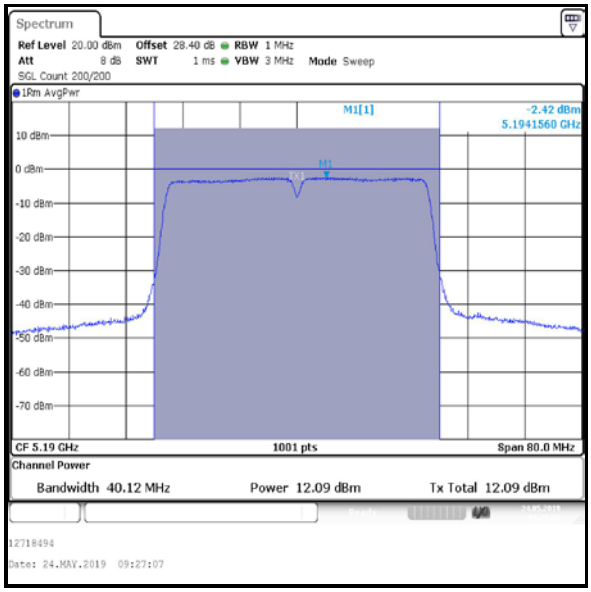
Bottom Channel



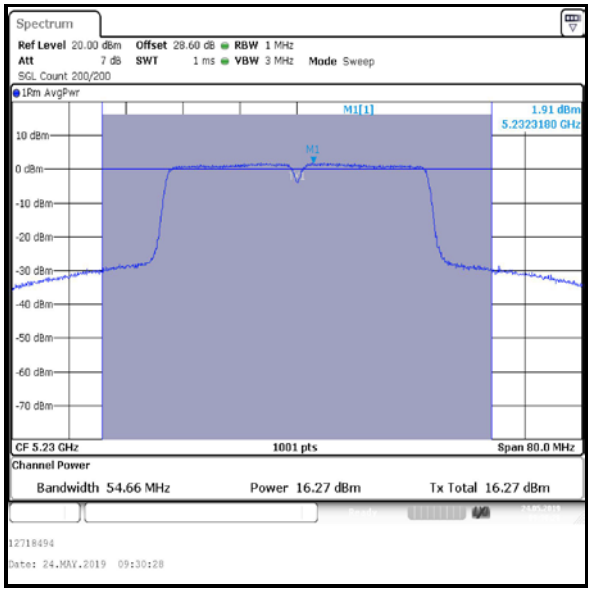
Top Channel

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

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



Bottom Channel



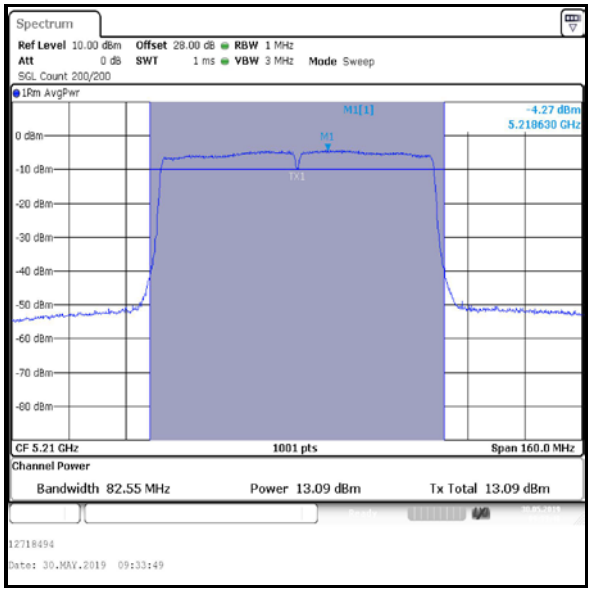
Top Channel

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

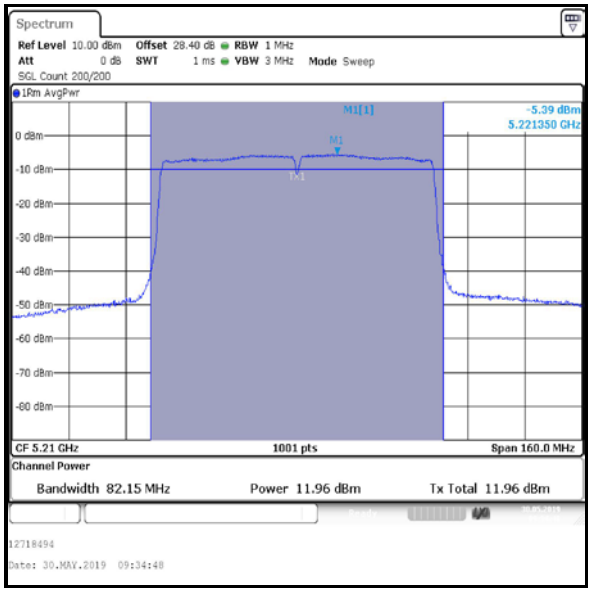
Results: 802.11ac / 80 MHz / MIMO / 2Tx TXBF / BPSK / MCS0x1

Channel	Frequency (MHz)	Core 0			Core 1		
		Conducted Power (dBm)	Duty Cycle correction factor (dB)	Corrected Conducted Power (dBm)	Conducted Power (dBm)	Duty Cycle correction factor (dB)	Corrected Conducted Power (dBm)
Single	5210	13.1	0.1	13.2	12.0	0.1	12.1

Channel	Frequency (MHz)	Corrected Conducted Power Core 0 (dBm)	Corrected Conducted Power Core 1 (dBm)	Combined Conducted Power (dBm)	Limit (dBm)	Margin (dB)	Result
Single	5210	13.2	12.1	15.7	22.2	6.5	Complied



Single Channel / Core 0



Single Channel / Core 1

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

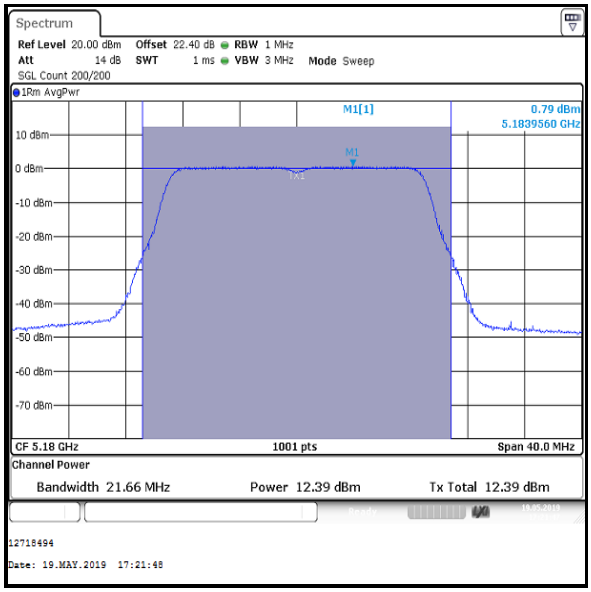
Results: 802.11n / 20 MHz / MIMO / 3Tx CDD / BPSK / MCS0

Channel	Frequency (MHz)	Conducted Power Core 0 (dBm)	Conducted Power Core 1 (dBm)	Conducted Power Core 2 (dBm)	Combined Conducted Power (dBm)
Bottom	5180	12.4	10.2	12.9	16.8
Middle	5200	12.3	9.8	12.5	16.5
Top	5240	12.1	9.7	12.6	16.4

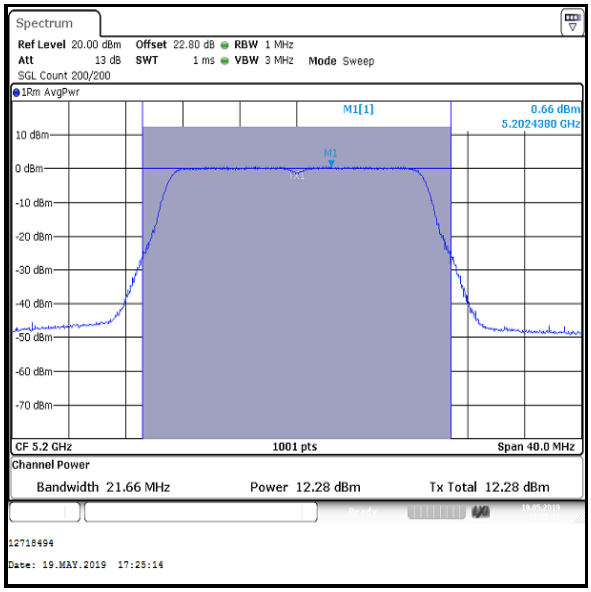
Channel	Frequency (MHz)	Combined Conducted Power (dBm)	Limit (dBm)	Margin (dB)	Result
Bottom	5180	16.8	24.0	7.2	Complied
Middle	5200	16.5	24.0	7.5	Complied
Top	5240	16.4	24.0	7.6	Complied

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

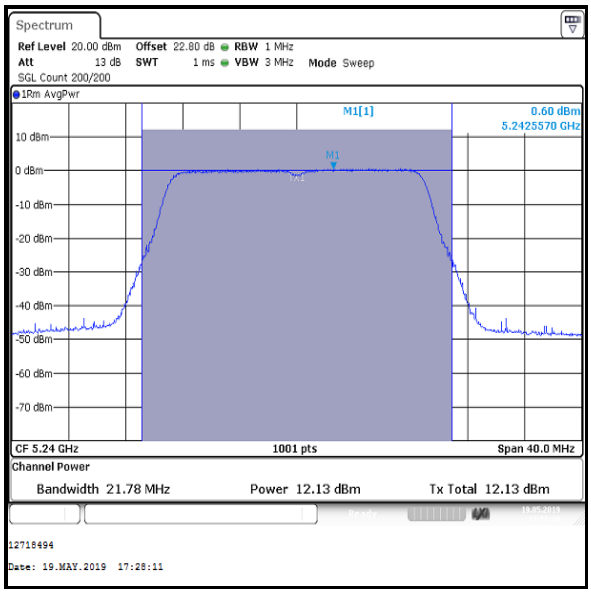
Results: 802.11n / 20 MHz / MIMO / 3Tx CDD / BPSK / MCS0 / Core 0



Bottom Channel



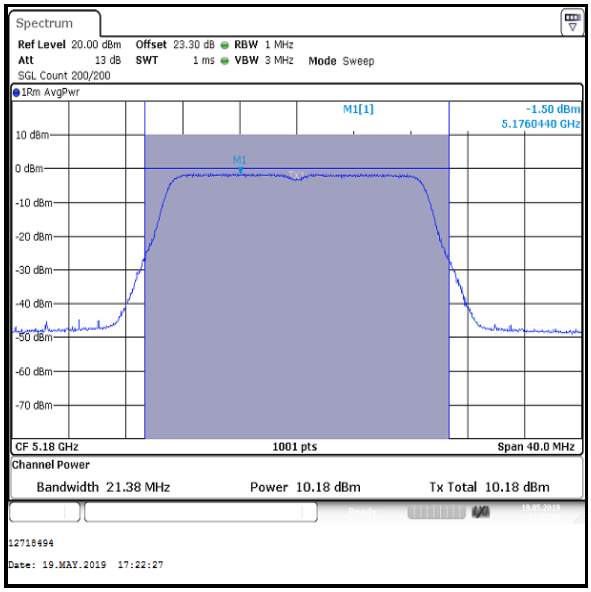
Middle Channel



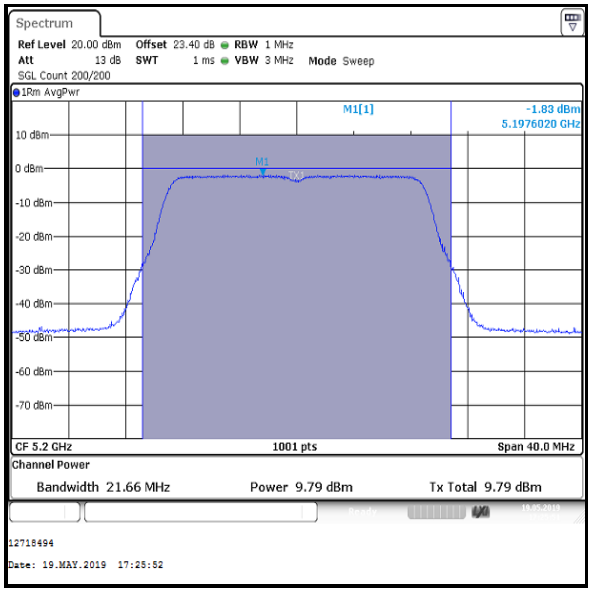
Top Channel

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

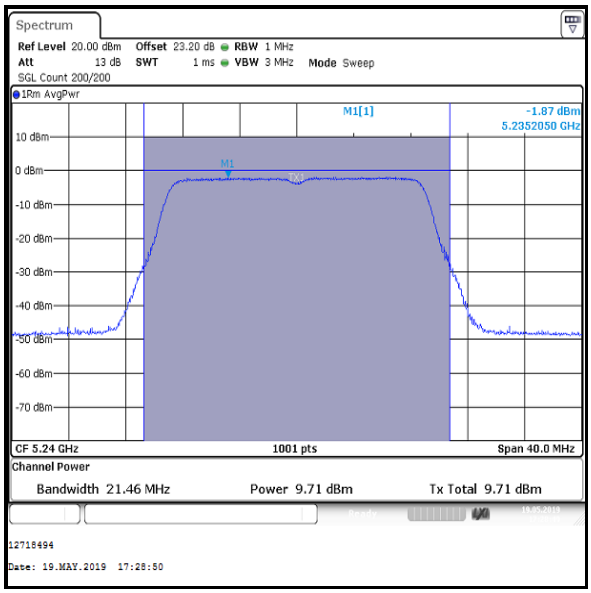
Results: 802.11n / 20 MHz / MIMO / 3Tx CDD / BPSK / MCS0 / Core 1



Bottom Channel



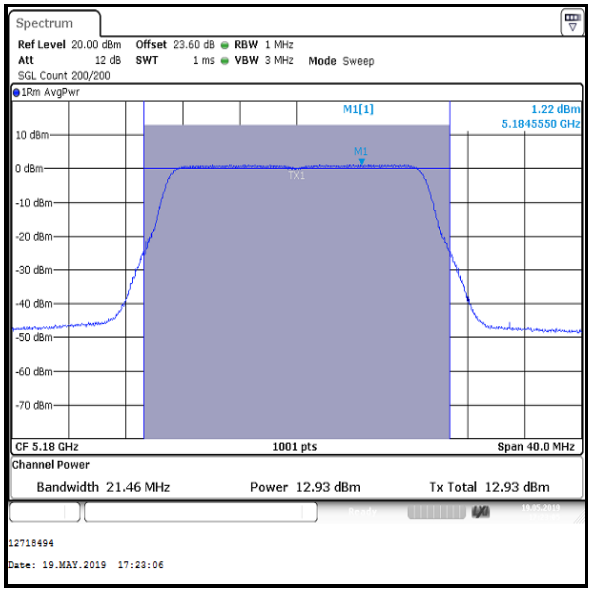
Middle Channel



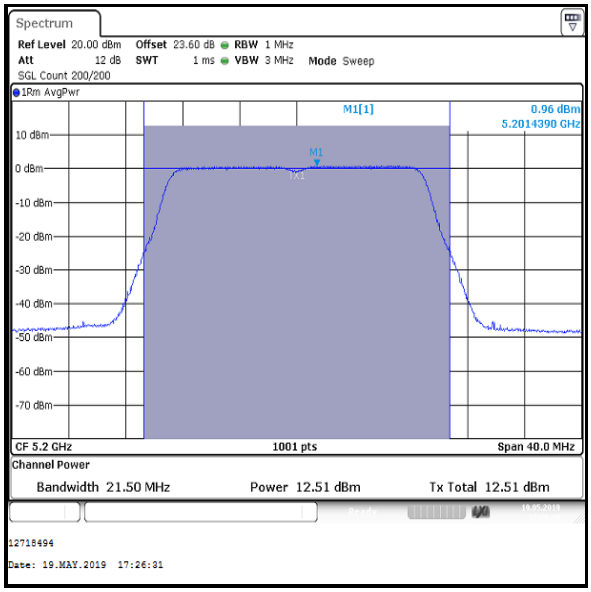
Top Channel

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

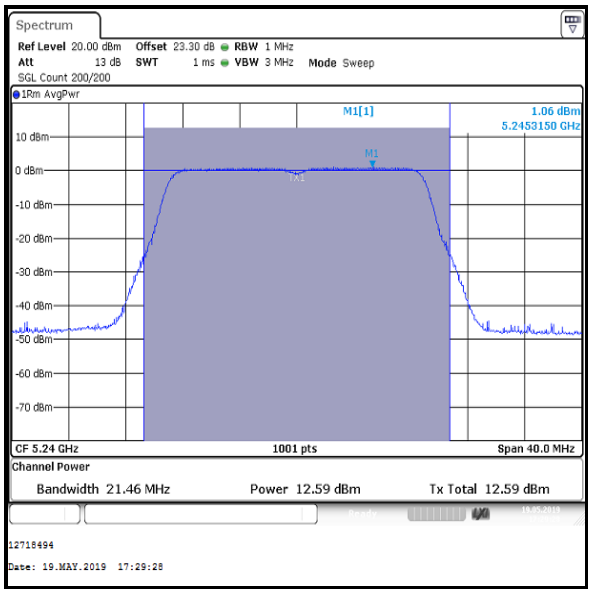
Results: 802.11n / 20 MHz / MIMO / 3Tx CDD / BPSK / MCS0 / Core 2



Bottom Channel



Middle Channel



Top Channel

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

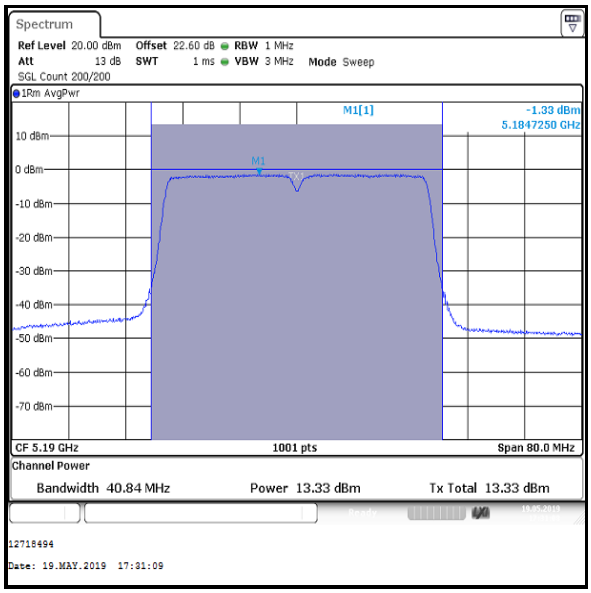
Results: 802.11n / 40 MHz / MIMO / 3Tx CDD / BPSK / MCS0

Channel	Frequency (MHz)	Core 0			Core 1		
		Conducted Power (dBm)	Duty Cycle correction factor (dB)	Corrected Conducted Power (dBm)	Conducted Power (dBm)	Duty Cycle correction factor (dB)	Corrected Conducted Power (dBm)
Bottom	5190	13.3	0.1	13.4	11.1	0.1	11.2
Top	5230	15.1	0.1	15.2	12.5	0.1	12.6

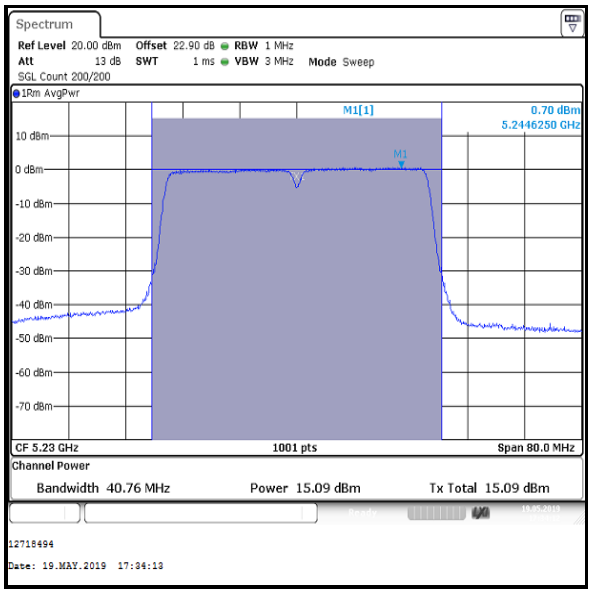
Channel	Frequency (MHz)	Core 2			Core 0, Core 1 & Core 2		
		Conducted Power (dBm)	Duty Cycle correction factor (dB)	Corrected Conducted Power (dBm)	Corrected Conducted Power Core 0 (dBm)	Corrected Conducted Power Core 1 (dBm)	Corrected Conducted Power Core 2 (dBm)
Bottom	5190	13.9	0.1	14.0	13.4	11.2	14.0
Top	5230	15.5	0.1	15.6	15.2	12.6	15.6

Channel	Frequency (MHz)	Combined Conducted Power (dBm)	Limit (dBm)	Margin (dB)	Result
Bottom	5190	17.8	24.0	6.2	Complied
Top	5230	19.4	24.0	4.6	Complied

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



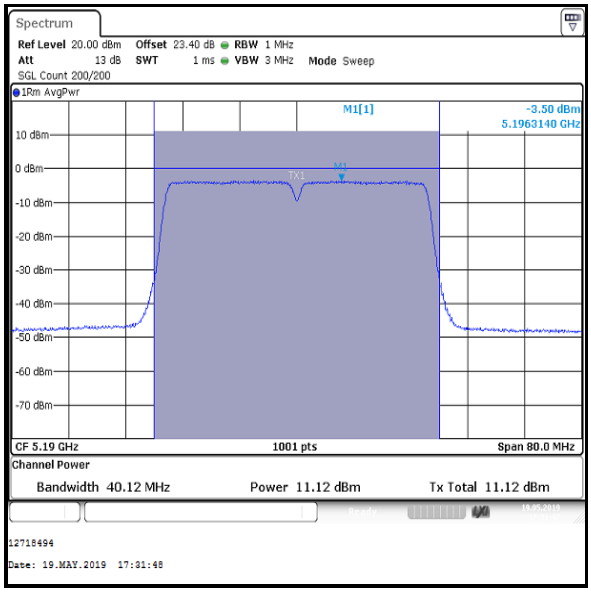
Bottom Channel



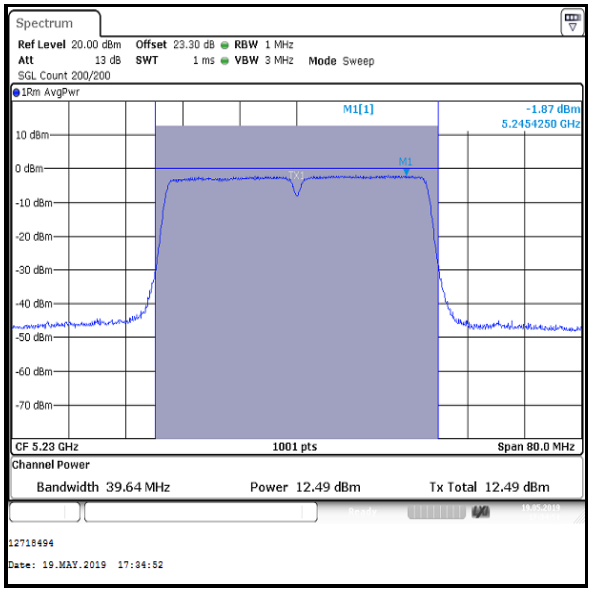
Top Channel

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

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

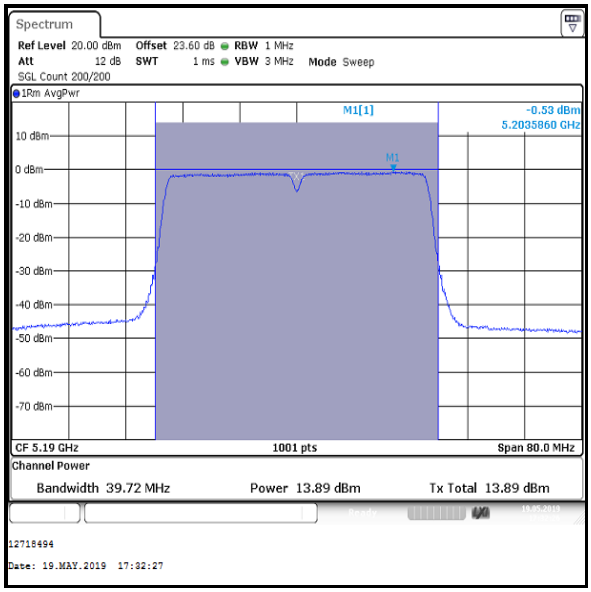


Bottom Channel

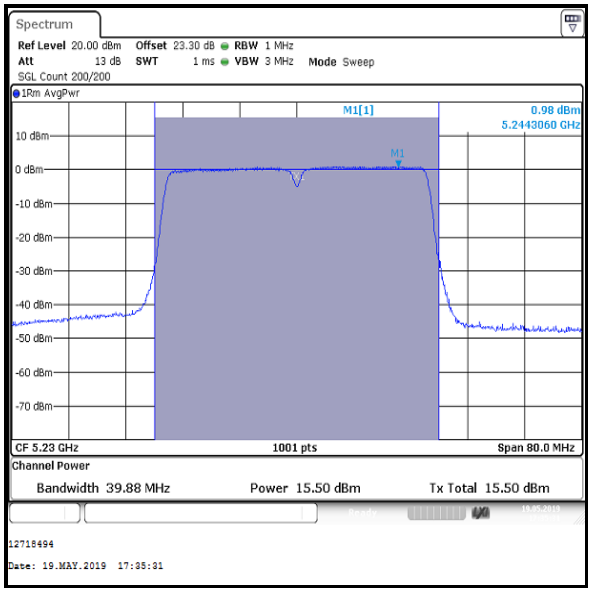


Top Channel

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 / MCS0x1

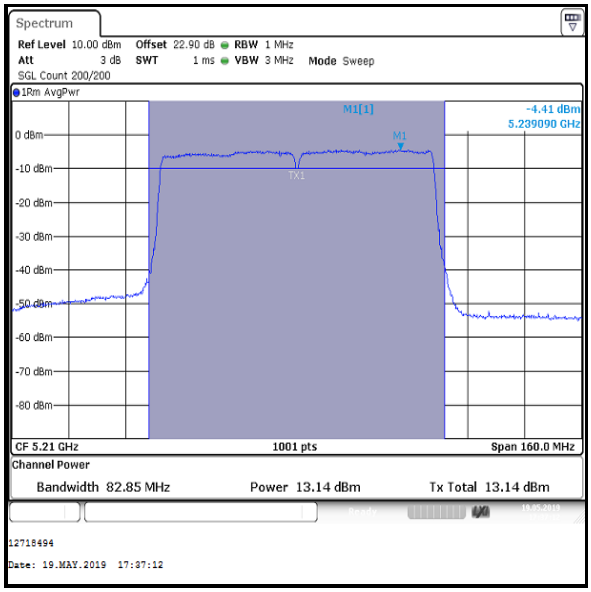
Channel	Frequency (MHz)	Core 0			Core 1		
		Conducted Power (dBm)	Duty Cycle correction factor (dB)	Corrected Conducted Power (dBm)	Conducted Power (dBm)	Duty Cycle correction factor (dB)	Corrected Conducted Power (dBm)
Single	5210	13.1	0.2	13.3	11.0	0.2	11.2

Channel	Frequency (MHz)	Core 2			Core 0, Core 1 & Core 2		
		Conducted Power (dBm)	Duty Cycle correction factor (dB)	Corrected Conducted Power (dBm)	Corrected Conducted Power Core 0 (dBm)	Corrected Conducted Power Core 1 (dBm)	Corrected Conducted Power Core 2 (dBm)
Single	5210	13.5	0.2	13.7	13.3	11.2	13.7

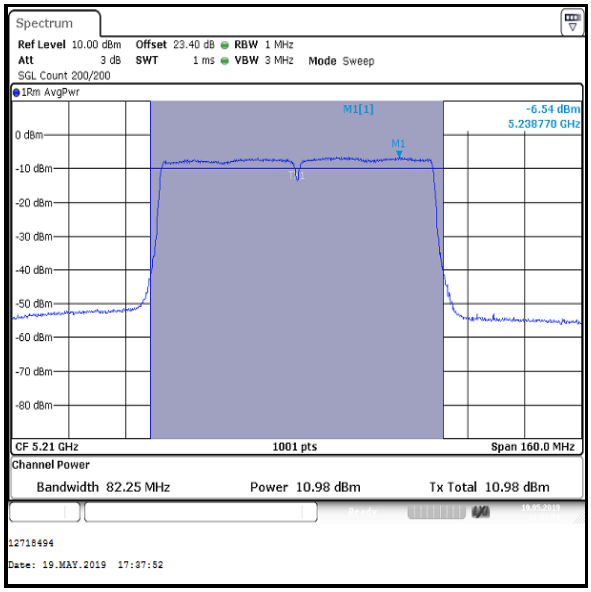
Channel	Frequency (MHz)	Combined Conducted Power (dBm)	Limit (dBm)	Margin (dB)	Result
Single	5210	17.6	24.0	6.4	Complied

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

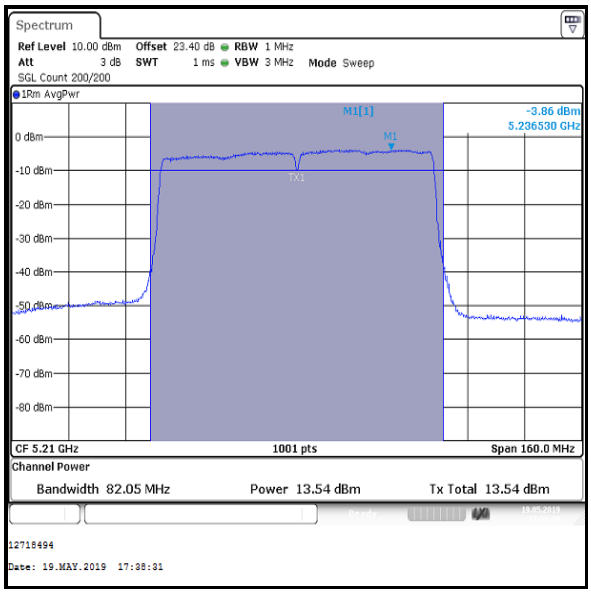
Results: 802.11ac / 80 MHz / MIMO / 3Tx CDD / BPSK / MCS0x1



Single Channel / Core 0



Single Channel / Core 1



Single Channel / Core 2

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

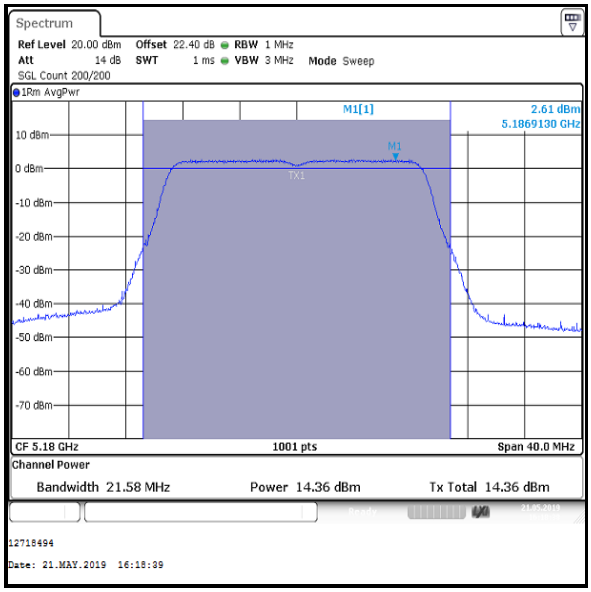
Results: 802.11n / 20 MHz / MIMO / 3Tx SDM / BPSK / MCS16

Channel	Frequency (MHz)	Conducted Power Core 0 (dBm)	Conducted Power Core 1 (dBm)	Conducted Power Core 2 (dBm)	Combined Conducted Power (dBm)
Bottom	5180	14.4	14.3	14.8	19.3
Middle	5200	15.6	15.3	15.7	20.3
Top	5240	15.3	15.0	15.4	20.0

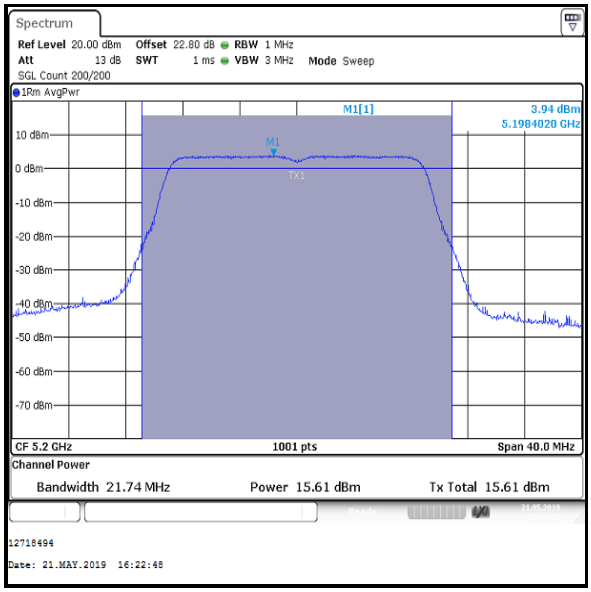
Channel	Frequency (MHz)	Combined Conducted Power (dBm)	Limit (dBm)	Margin (dB)	Result
Bottom	5180	19.3	24.0	4.7	Complied
Middle	5200	20.3	24.0	3.7	Complied
Top	5240	20.0	24.0	4.0	Complied

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

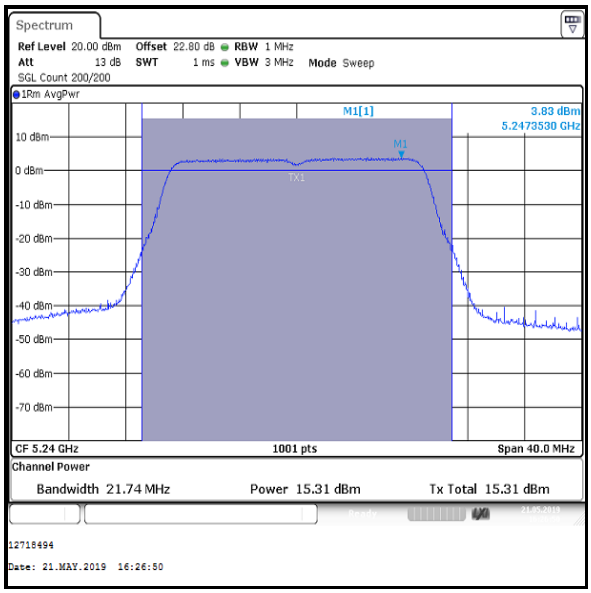
Results: 802.11n / 20 MHz / MIMO / 3Tx SDM / BPSK / MCS16 / Core 0



Bottom Channel



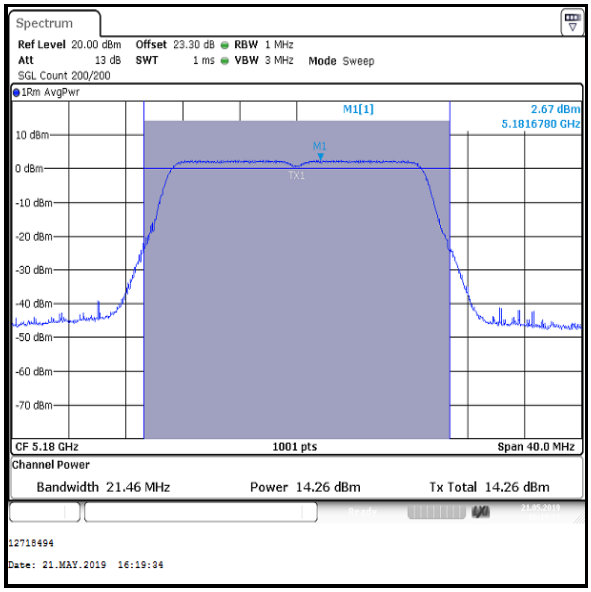
Middle Channel



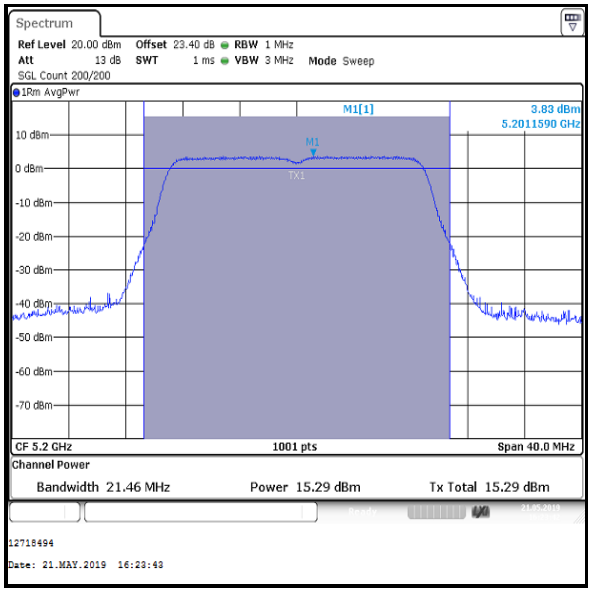
Top Channel

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

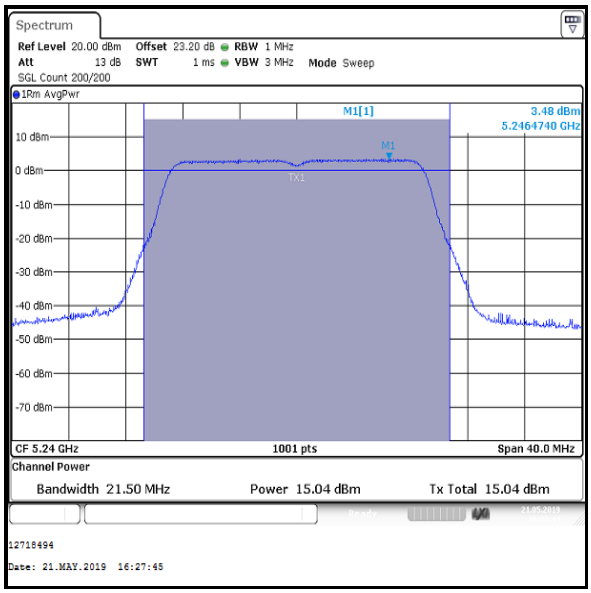
Results: 802.11n / 20 MHz / MIMO / 3Tx SDM / BPSK / MCS16 / Core 1



Bottom Channel



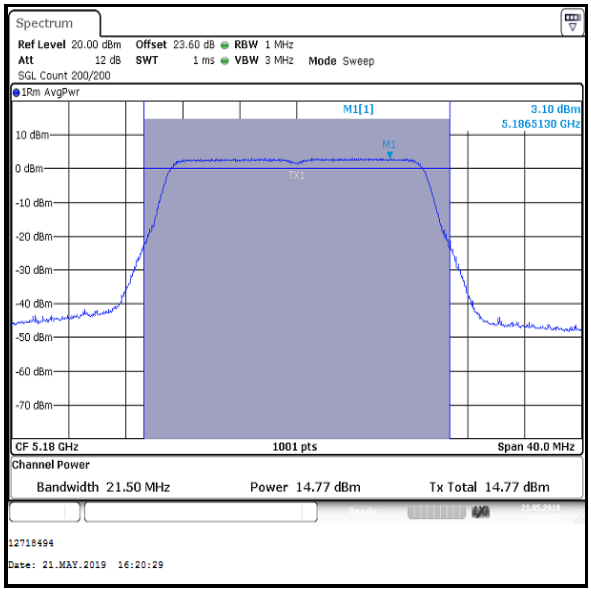
Middle Channel



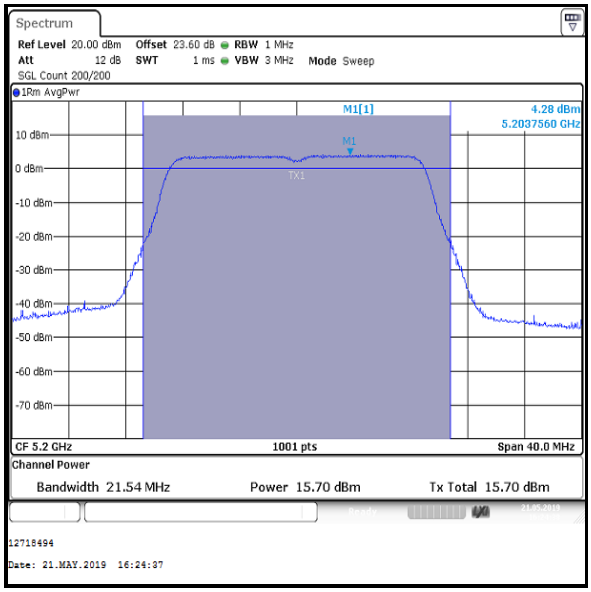
Top Channel

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

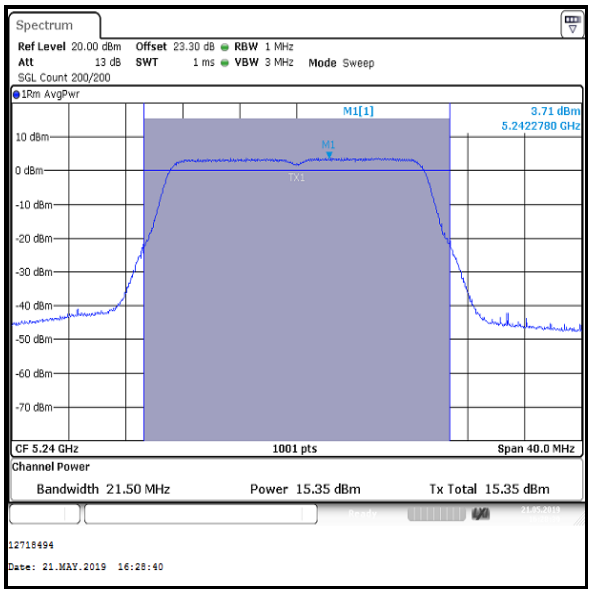
Results: 802.11n / 20 MHz / MIMO / 3Tx SDM / BPSK / MCS16 / Core 2



Bottom Channel



Middle Channel



Top Channel

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

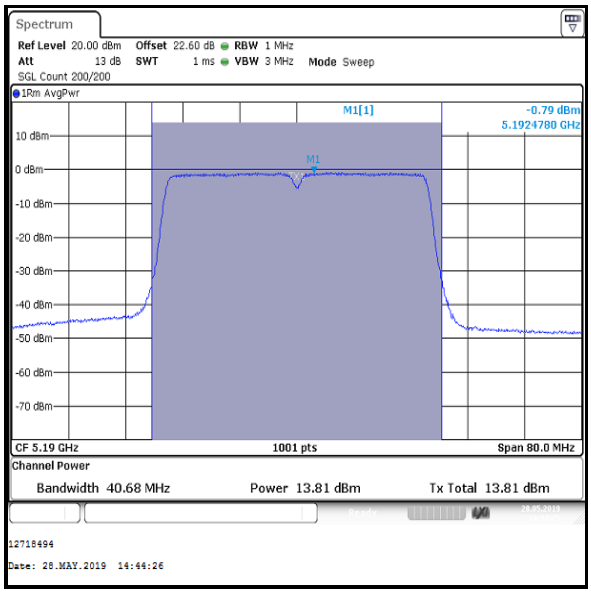
Results: 802.11n / 40 MHz / MIMO / 3Tx SDM / BPSK / MCS16

Channel	Frequency (MHz)	Core 0			Core 1		
		Conducted Power (dBm)	Duty Cycle correction factor (dB)	Corrected Conducted Power (dBm)	Conducted Power (dBm)	Duty Cycle correction factor (dB)	Corrected Conducted Power (dBm)
Bottom	5190	13.8	0.1	13.9	13.4	0.1	13.5
Top	5230	17.6	0.1	17.7	17.1	0.1	17.2

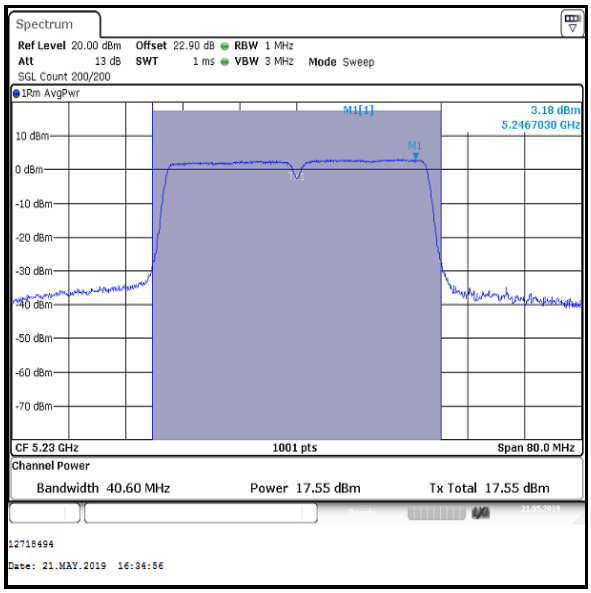
Channel	Frequency (MHz)	Core 2			Core 0, Core 1 & Core 2		
		Conducted Power (dBm)	Duty Cycle correction factor (dB)	Corrected Conducted Power (dBm)	Corrected Conducted Power Core 0 (dBm)	Corrected Conducted Power Core 1 (dBm)	Corrected Conducted Power Core 2 (dBm)
Bottom	5190	14.0	0.1	14.1	13.9	13.5	14.1
Top	5230	17.4	0.1	17.5	17.7	17.2	17.5

Channel	Frequency (MHz)	Combined Conducted Power (dBm)	Limit (dBm)	Margin (dB)	Result
Bottom	5190	18.6	24.0	5.4	Complied
Top	5230	22.2	24.0	1.8	Complied

Results: 802.11n / 40 MHz / MIMO / 3Tx SDM / BPSK / MCS16 / Core 0



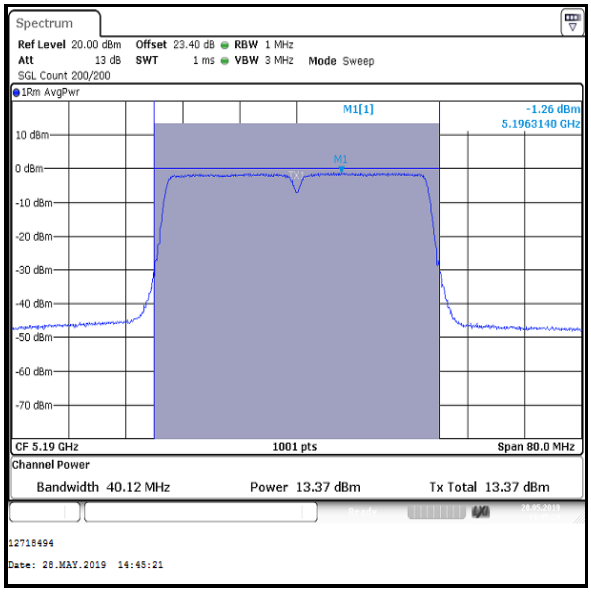
Bottom Channel



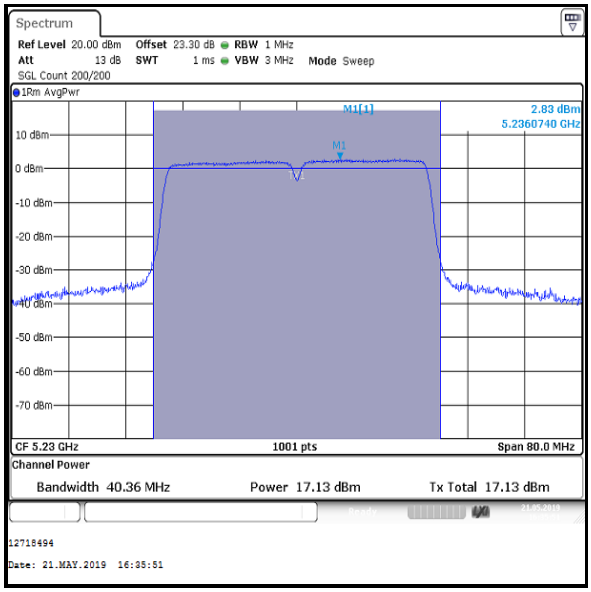
Top Channel

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

Results: 802.11n / 40 MHz / MIMO / 3Tx SDM / BPSK / MCS16 / Core 1

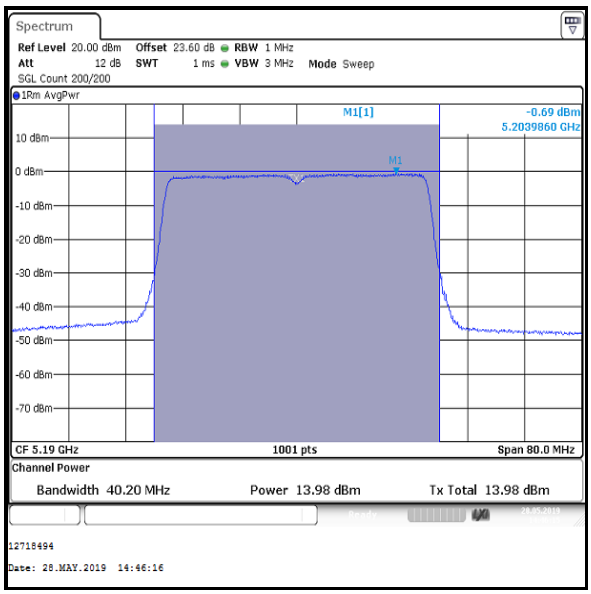


Bottom Channel

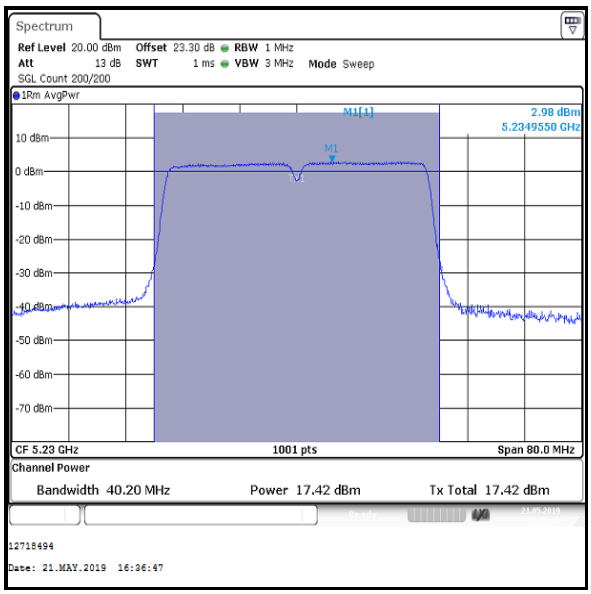


Top Channel

Results: 802.11n / 40 MHz / MIMO / 3Tx SDM / BPSK / MCS16 / 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 SDM / BPSK / MCS0x3

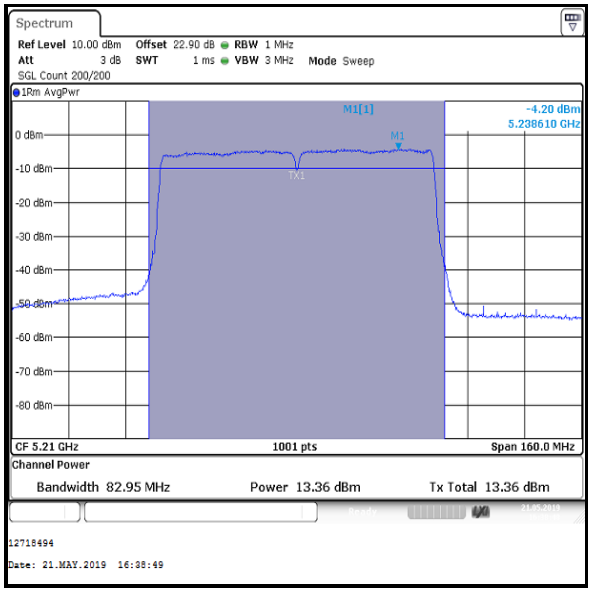
Channel	Frequency (MHz)	Core 0			Core 1		
		Conducted Power (dBm)	Duty Cycle correction factor (dB)	Corrected Conducted Power (dBm)	Conducted Power (dBm)	Duty Cycle correction factor (dB)	Corrected Conducted Power (dBm)
Single	5210	13.4	0.2	13.6	13.2	0.2	13.4

Channel	Frequency (MHz)	Core 2			Core 0, Core 1 & Core 2		
		Conducted Power (dBm)	Duty Cycle correction factor (dB)	Corrected Conducted Power (dBm)	Corrected Conducted Power Core 0 (dBm)	Corrected Conducted Power Core 1 (dBm)	Corrected Conducted Power Core 2 (dBm)
Single	5210	13.5	0.2	13.7	13.6	13.4	13.7

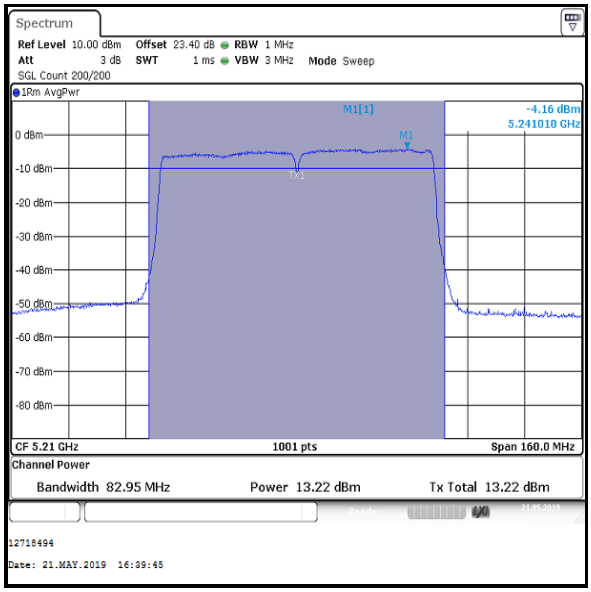
Channel	Frequency (MHz)	Combined Conducted Power (dBm)	Limit (dBm)	Margin (dB)	Result
Single	5210	18.3	24.0	5.7	Complied

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

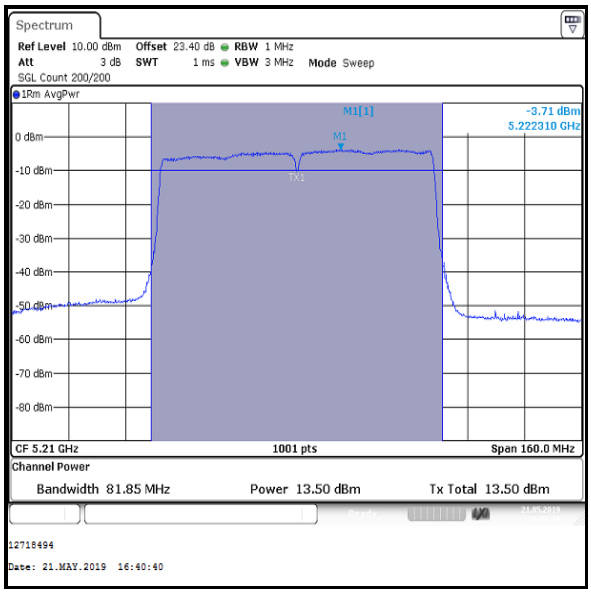
Results: 802.11ac / 80 MHz / MIMO / 3Tx SDM / BPSK / MCS0x3



Single Channel / Core 0



Single Channel / Core 1



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

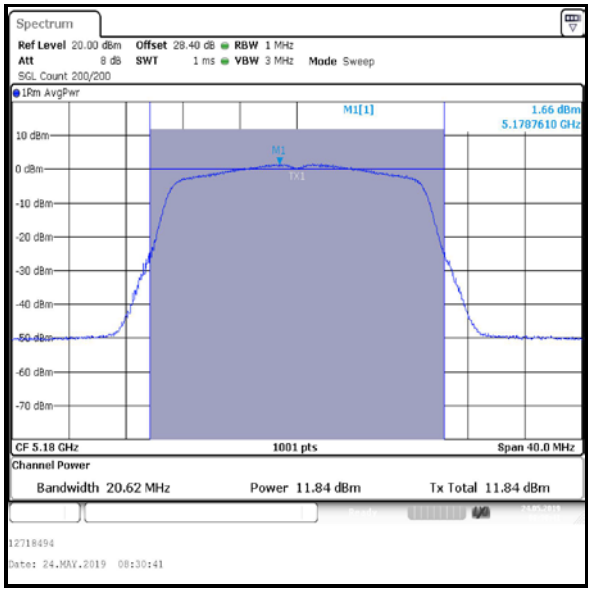
Channel	Frequency (MHz)	Core 0			Core 1		
		Conducted Power (dBm)	Duty Cycle correction factor (dB)	Corrected Conducted Power (dBm)	Conducted Power (dBm)	Duty Cycle correction factor (dB)	Corrected Conducted Power (dBm)
Bottom	5180	11.8	0.1	11.9	10.6	0.1	10.7
Middle	5200	11.4	0.1	11.5	10.0	0.1	10.1
Top	5240	11.2	0.1	11.3	9.9	0.1	10.0

Channel	Frequency (MHz)	Core 2			Core 0, Core 1 & Core 2		
		Conducted Power (dBm)	Duty Cycle correction factor (dB)	Corrected Conducted Power (dBm)	Corrected Conducted Power Core 0 (dBm)	Corrected Conducted Power Core 1 (dBm)	Corrected Conducted Power Core 2 (dBm)
Bottom	5180	11.3	0.1	11.4	11.9	10.7	11.4
Middle	5200	10.7	0.1	10.8	11.5	10.1	10.8
Top	5240	10.6	0.1	10.7	11.3	10.0	10.7

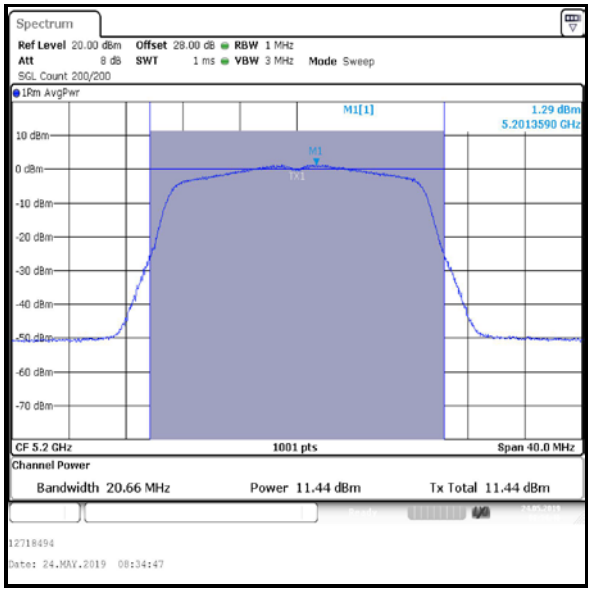
Channel	Frequency (MHz)	Combined Conducted Power (dBm)	Limit (dBm)	Margin (dB)	Result
Bottom	5180	16.1	20.6	4.5	Complied
Middle	5200	15.6	20.6	5.0	Complied
Top	5240	15.5	20.6	5.1	Complied

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

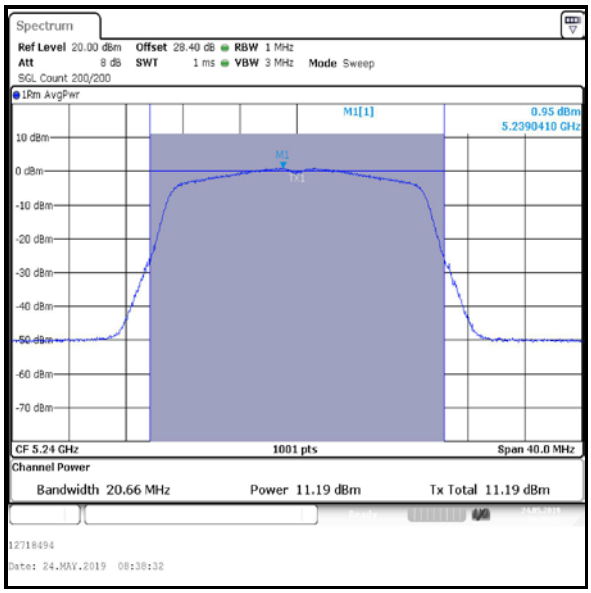
Results: 802.11n / 20 MHz / MIMO / 3Tx TXBF / BPSK / MCS0 / Core 0



Bottom Channel



Middle Channel



Top Channel