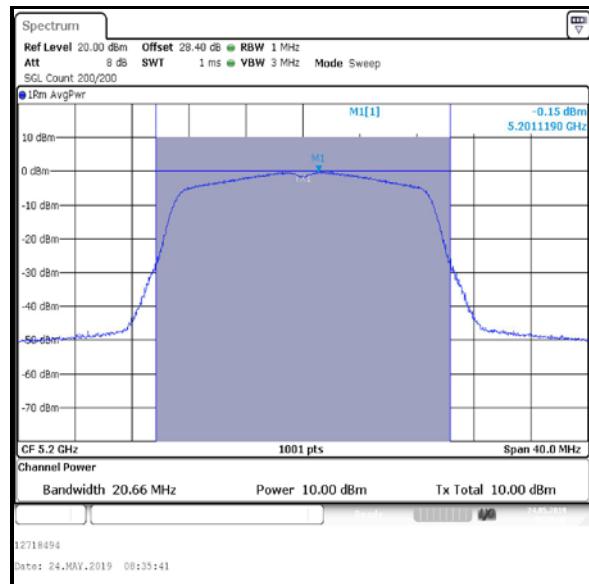
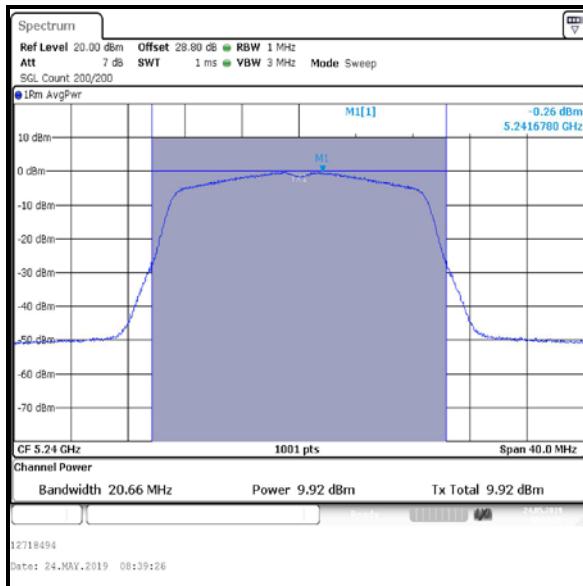
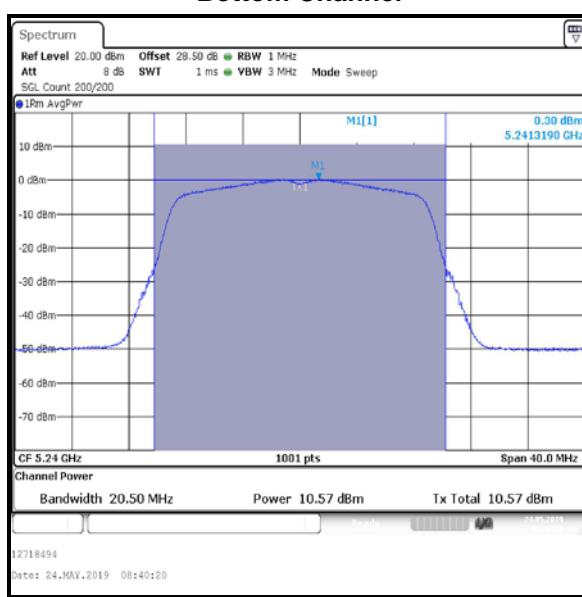
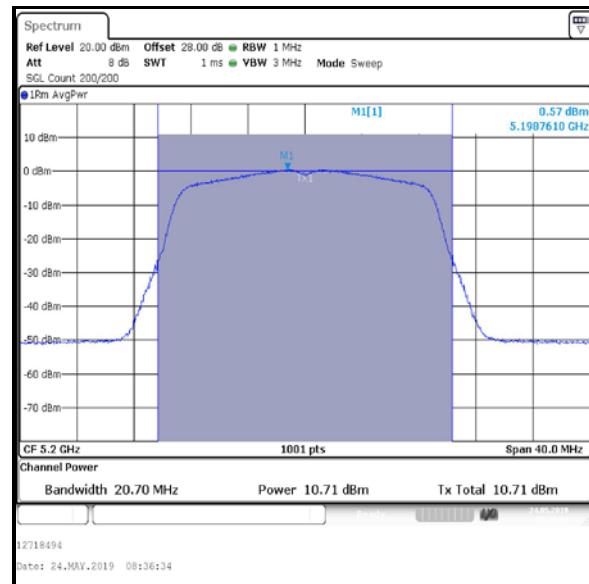
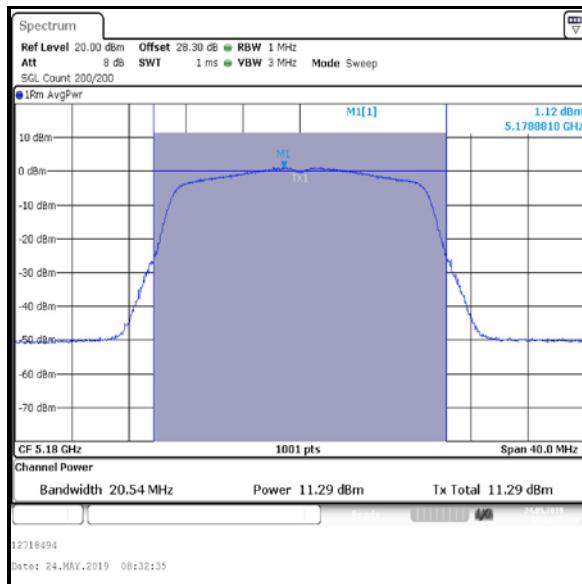


Transmitter Maximum Conducted Output Power (5.15-5.25 GHz band) (continued)**Results: 802.11n / 20 MHz / MIMO / 3Tx TXBF / BPSK / MCS0 / Core 1****Bottom Channel****Middle Channel****Top Channel**

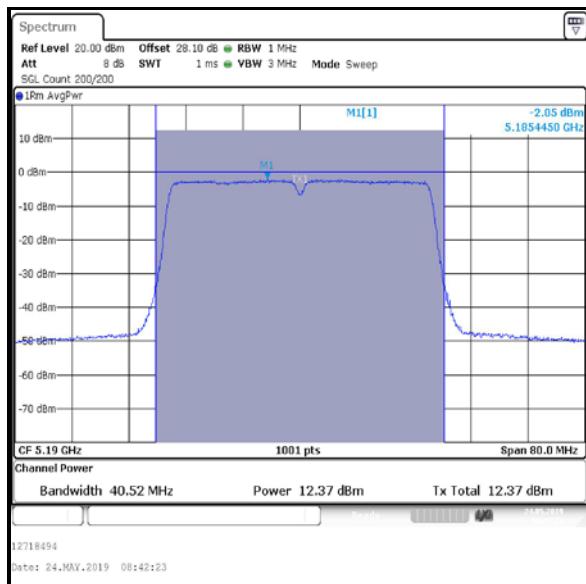
Transmitter Maximum Conducted Output Power (5.15-5.25 GHz band) (continued)**Results: 802.11n / 20 MHz / MIMO / 3Tx TXBF / BPSK / MCS0 / Core 2**

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

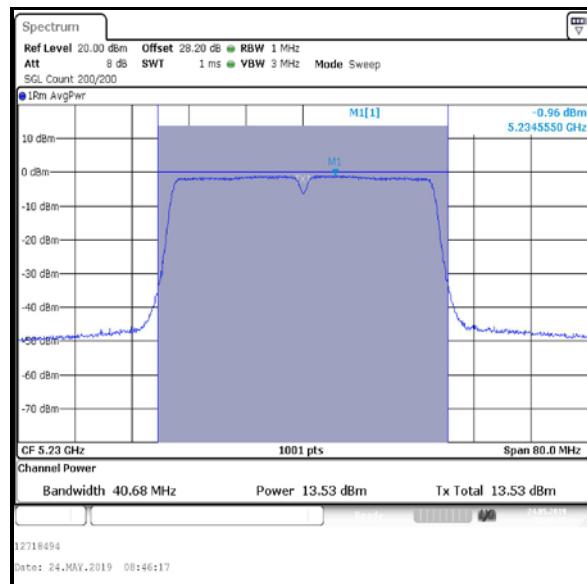
| Channel | Frequency (MHz) | Core 0 | | | Core 1 | | |
|---------|-----------------|-----------------------|-----------------------------------|---------------------------------|-----------------------|-----------------------------------|---------------------------------|
| | | Conducted Power (dBm) | Duty Cycle correction factor (dB) | Corrected Conducted Power (dBm) | Conducted Power (dBm) | Duty Cycle correction factor (dB) | Corrected Conducted Power (dBm) |
| Bottom | 5190 | 12.4 | 0.1 | 12.5 | 11.4 | 0.1 | 11.5 |
| Top | 5230 | 13.5 | 0.1 | 13.6 | 12.2 | 0.1 | 12.3 |

| 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 | 12.3 | 0.1 | 12.4 | 12.5 | 11.5 | 12.4 |
| Top | 5230 | 13.3 | 0.1 | 13.4 | 13.6 | 12.3 | 13.4 |

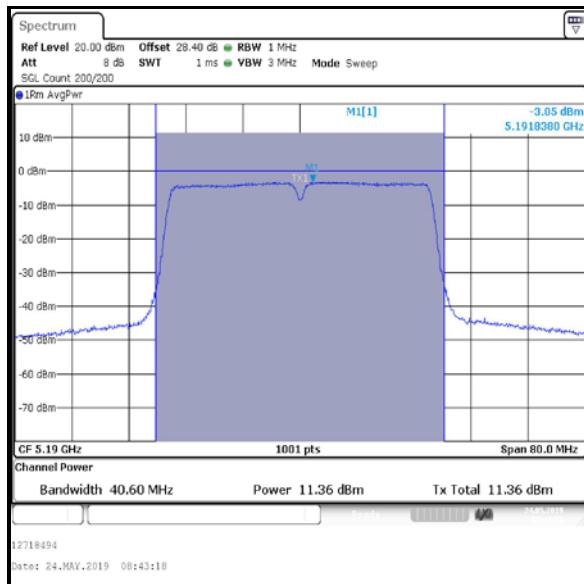
| Channel | Frequency (MHz) | Combined Conducted Power (dBm) | Limit (dBm) | Margin (dB) | Result |
|---------|-----------------|--------------------------------|-------------|-------------|----------|
| Bottom | 5190 | 16.9 | 20.6 | 3.7 | Complied |
| Top | 5230 | 17.9 | 20.6 | 2.7 | Complied |

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

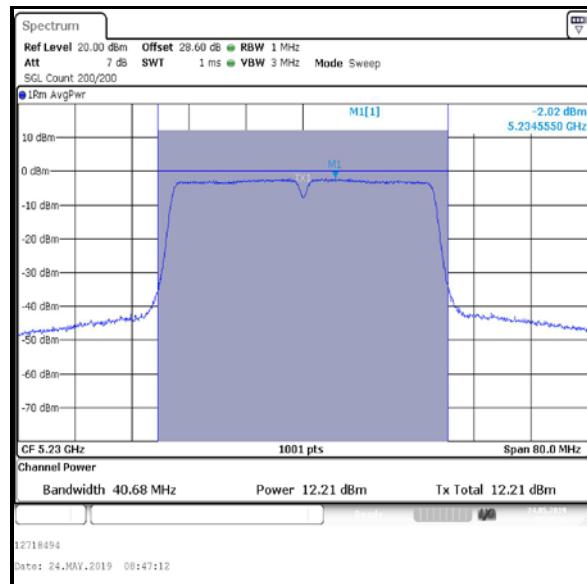
Bottom Channel



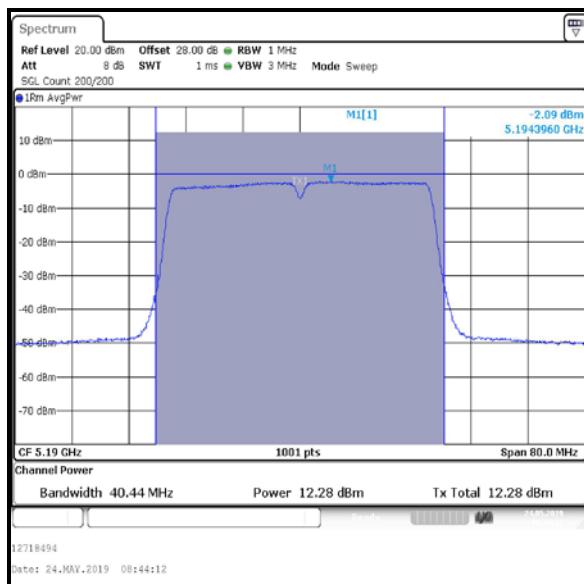
Top Channel

Transmitter Maximum Conducted Output Power (5.15-5.25 GHz band) (continued)**Results: 802.11n / 40 MHz / MIMO / 3Tx TXBF / BPSK / MCS0 / Core 1**

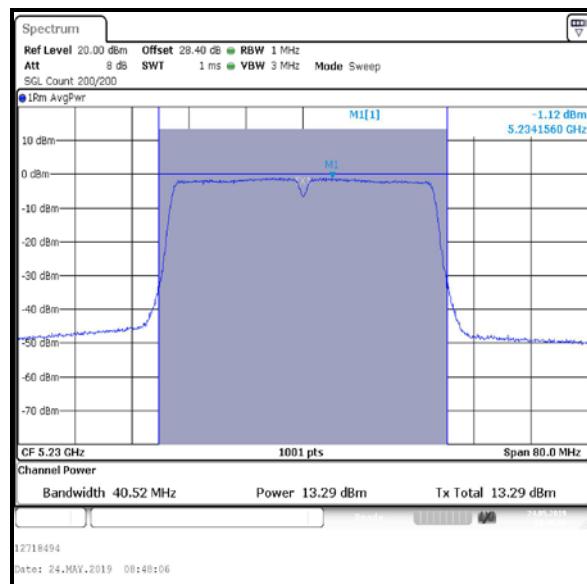
Bottom Channel



Top Channel

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

Bottom Channel



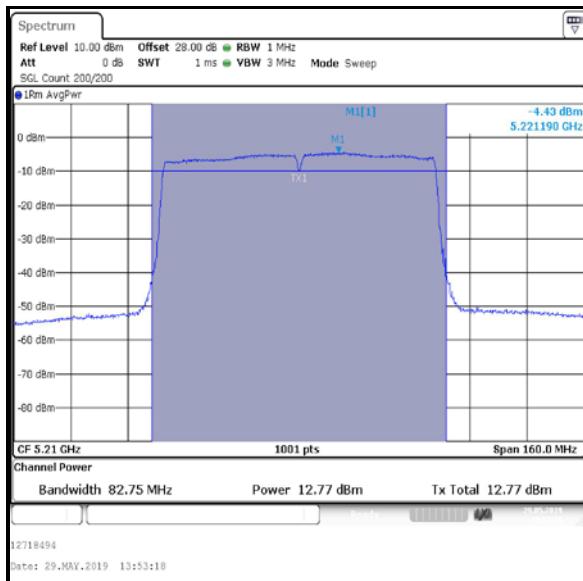
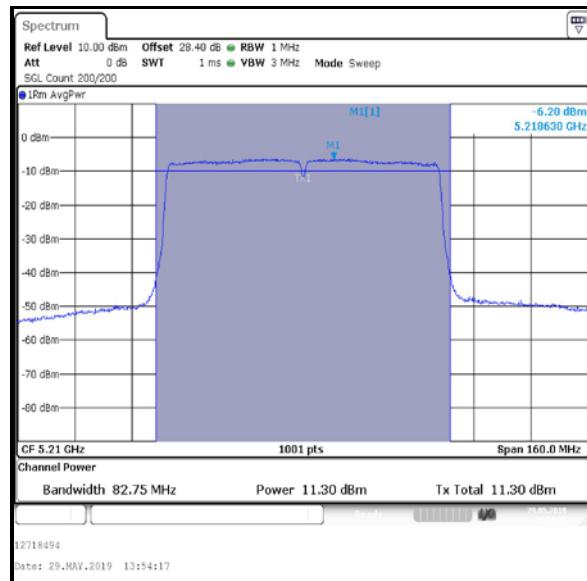
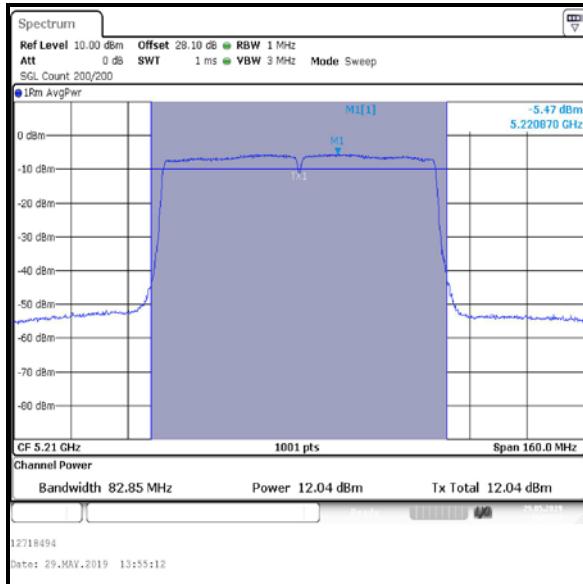
Top Channel

Transmitter Maximum Conducted Output Power (5.15-5.25 GHz band) (continued)**Results: 802.11ac / 80 MHz / MIMO / 3Tx 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 | 12.8 | 0.1 | 12.9 | 11.3 | 0.1 | 11.4 |

| 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 | 12.0 | 0.1 | 12.1 | 12.9 | 11.4 | 12.1 |

| Channel | Frequency (MHz) | Combined Conducted Power (dBm) | Limit (dBm) | Margin (dB) | Result |
|---------|-----------------|--------------------------------|-------------|-------------|----------|
| Single | 5210 | 16.9 | 20.6 | 3.7 | Complied |

Transmitter Maximum Conducted Output Power (5.15-5.25 GHz band) (continued)**Results: 802.11ac / 80 MHz / MIMO / 3Tx TXBF / BPSK / MCS0x1****Single Channel / Core 0****Single Channel / Core 1****Single Channel / Core 2**

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

| | | | |
|------------------------------------|---|--------------------|----------------------------|
| Test Engineers: | Max Passell, 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)(2) |
| 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 |

Transmitter Maximum Conducted Output Power (5.25-5.35 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 FCC Part 15.407(a)(2) limit is the lesser of 250 mW (24.0 dBm) or $11 \text{ dBm} + 10 \log_{10} B$, where B is the previously measured 26 dB emission bandwidth in MHz. For U-NII-2A band, the 26 dB EBW is greater than 20 MHz.

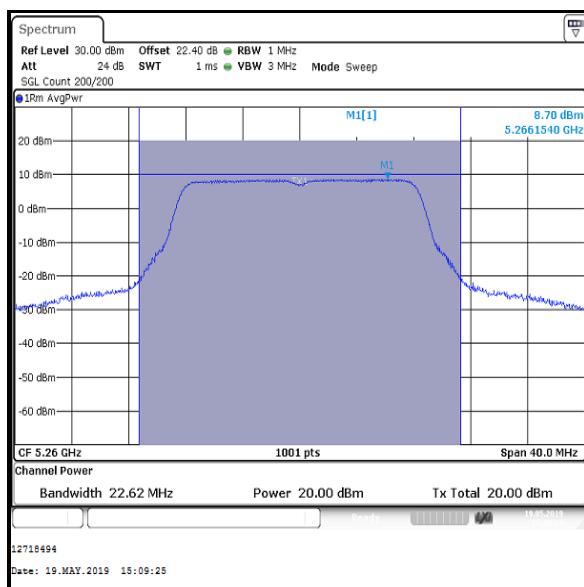
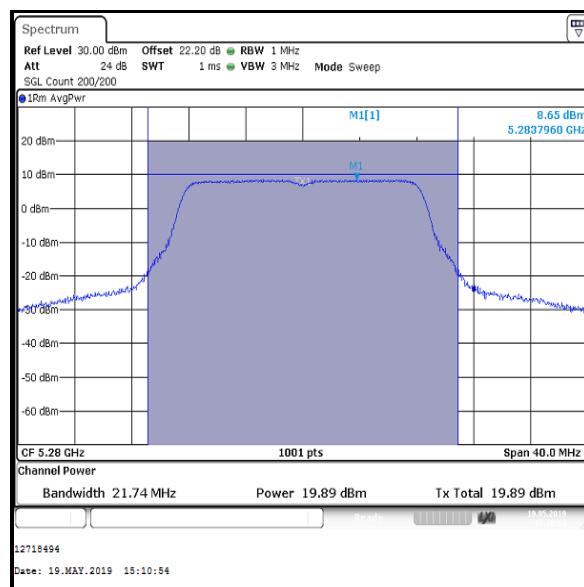
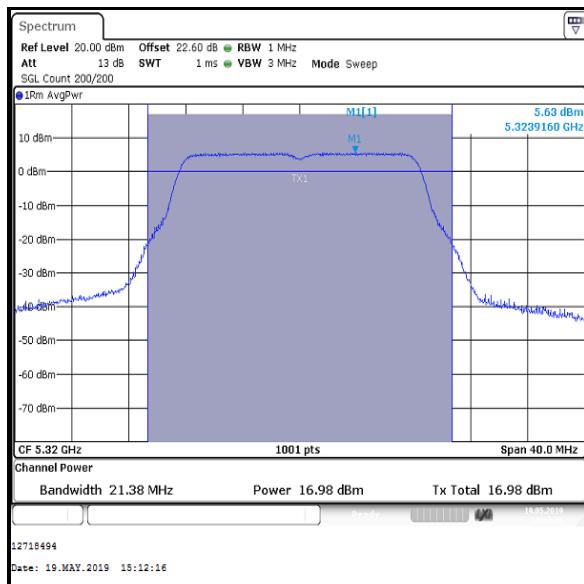
$$\begin{aligned} \text{For } B > 20 \text{ MHz} \rightarrow \\ \rightarrow \log_{10} B > \log_{10} 20 \rightarrow \\ \rightarrow 10 \log_{10} B > 10 \log_{10} 20 \rightarrow \\ \rightarrow 11 + 10 \log_{10} B > 11 + 10 \log_{10} 20 \rightarrow \\ \rightarrow 11 + 10 \log_{10} B > 24.0 \text{ dBm} \end{aligned}$$

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

5. For MIMO modes, conducted power was measured on all ports and then combined using the measure-and-sum method stated in FCC KDB 662911 D01 Section E1).
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)(2), the limit was reduced by the amount in dB the antenna gain exceeds 6 dBi. Therefore the limit of 24.0 dBm has been reduced by 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 9.2 dBi. In accordance with Part 15.407(a)(2), the limit was reduced by the amount in dB the antenna gain exceeds 6 dBi. Therefore the limit of 24.0 dBm has been reduced by 3.2 dB to 20.8 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.

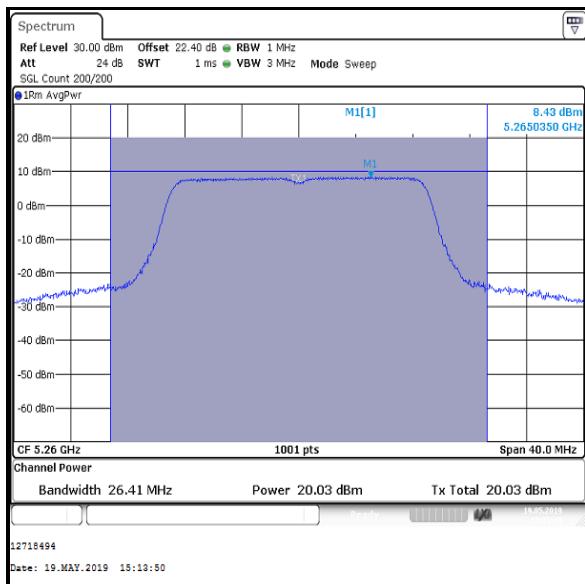
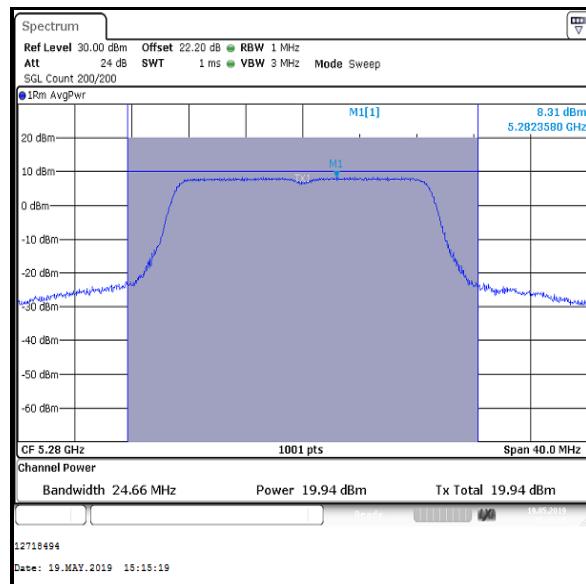
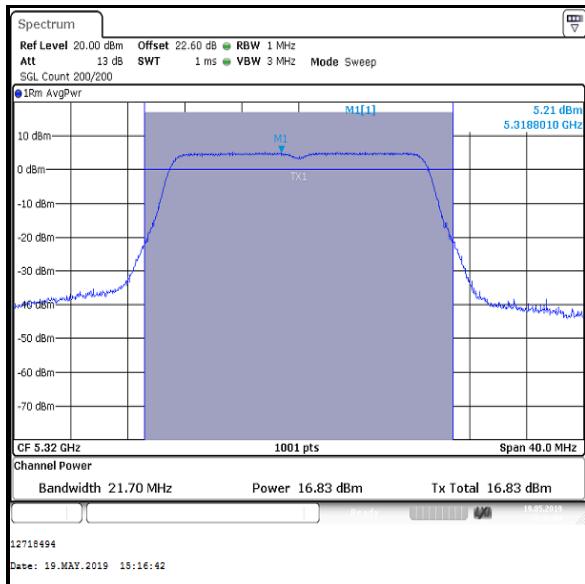
Transmitter Maximum Conducted Output Power (5.25-5.35 GHz band) (continued)**Results: 802.11a / 20 MHz / SISO / BPSK / 6 Mbps / Core 0**

| Channel | Frequency (MHz) | Conducted Power (dBm) | Limit (dBm) | Margin (dB) | Result |
|---------|-----------------|-----------------------|-------------|-------------|----------|
| Bottom | 5260 | 20.0 | 24.0 | 4.0 | Complied |
| Middle | 5280 | 19.9 | 24.0 | 4.1 | Complied |
| Top | 5320 | 17.0 | 24.0 | 7.0 | Complied |

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

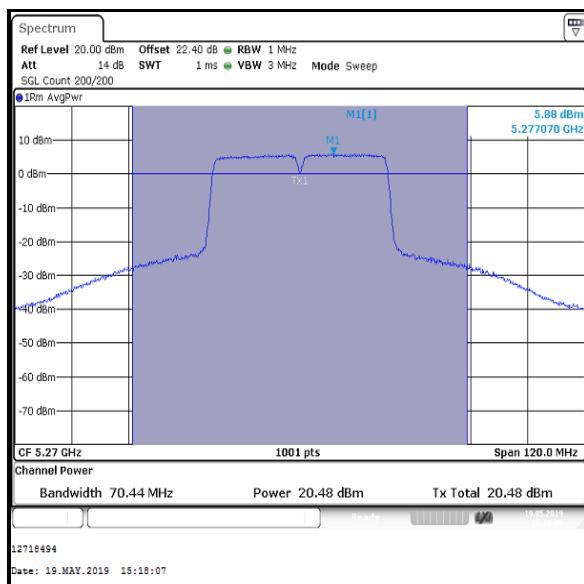
Transmitter Maximum Conducted Output Power (5.25-5.35 GHz band) (continued)**Results: 802.11n / 20 MHz / SISO / BPSK / MCS0 / Core 0**

| Channel | Frequency (MHz) | Conducted Power (dBm) | Limit (dBm) | Margin (dB) | Result |
|---------|-----------------|-----------------------|-------------|-------------|----------|
| Bottom | 5260 | 20.0 | 24.0 | 4.0 | Complied |
| Middle | 5280 | 19.9 | 24.0 | 4.1 | Complied |
| Top | 5320 | 16.8 | 24.0 | 7.2 | Complied |

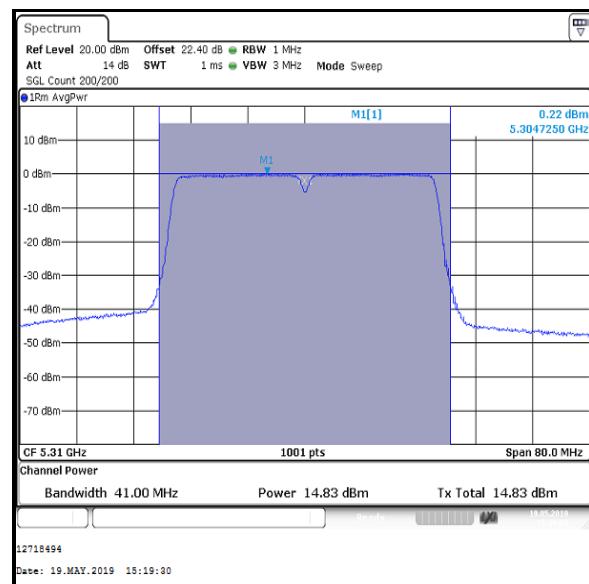
**Bottom Channel****Middle Channel****Top Channel**

Transmitter Maximum Conducted Output Power (5.25-5.35 GHz band) (continued)**Results: 802.11n / 40 MHz / SISO / BPSK / MCS0 / Core 0**

| Channel | Frequency (MHz) | Conducted Power (dBm) | Duty cycle correction factor (dB) | Corrected Conducted Power (dBm) | Limit (dBm) | Margin (dB) | Result |
|---------|-----------------|-----------------------|-----------------------------------|---------------------------------|-------------|-------------|----------|
| Bottom | 5270 | 20.5 | 0.1 | 20.6 | 24.0 | 3.4 | Complied |
| Top | 5310 | 14.8 | 0.1 | 14.9 | 24.0 | 9.1 | Complied |



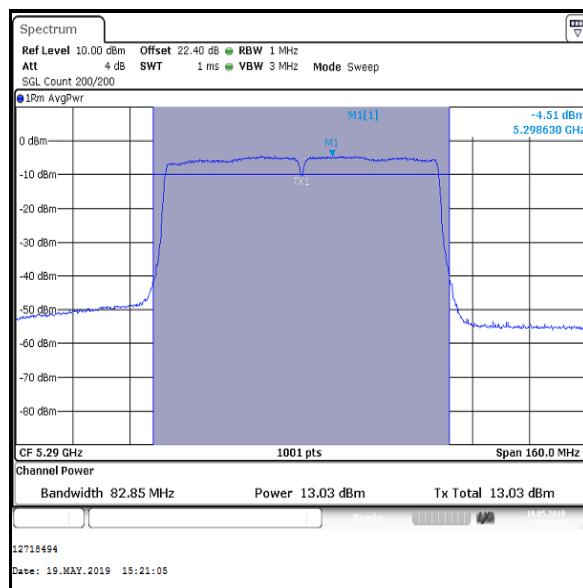
Bottom Channel



Top Channel

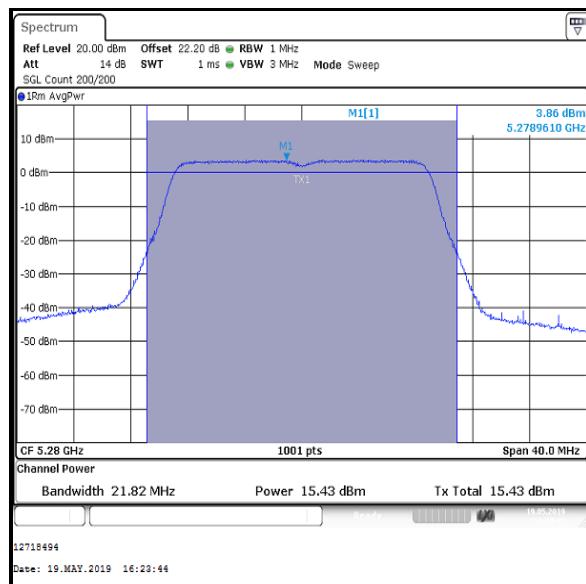
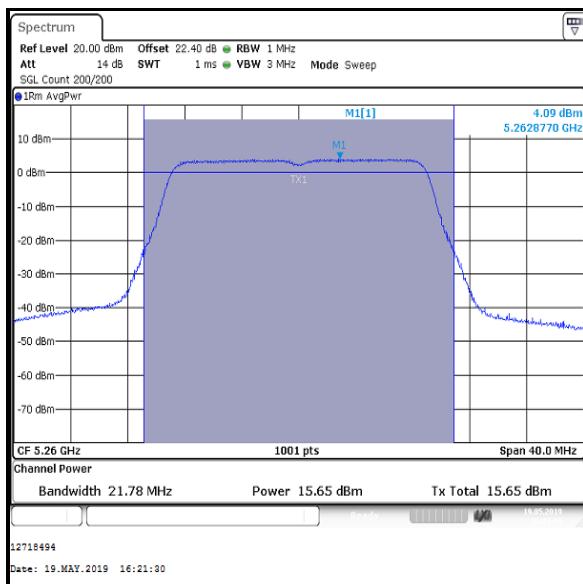
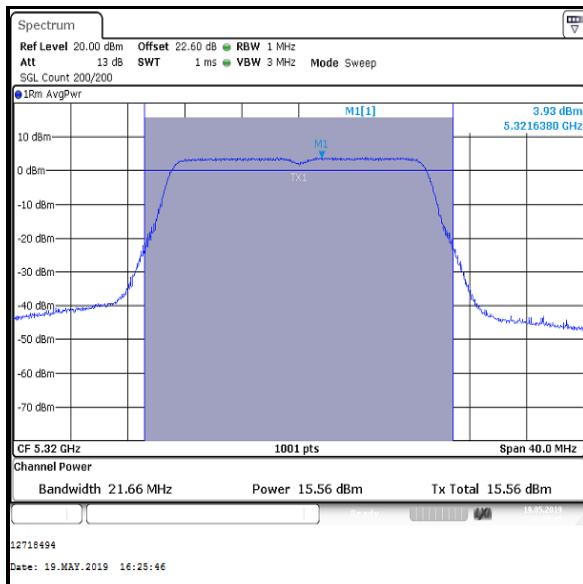
Transmitter Maximum Conducted Output Power (5.25-5.35 GHz band) (continued)**Results: 802.11ac / 80 MHz / SISO / BPSK / MCS0 / Core 0**

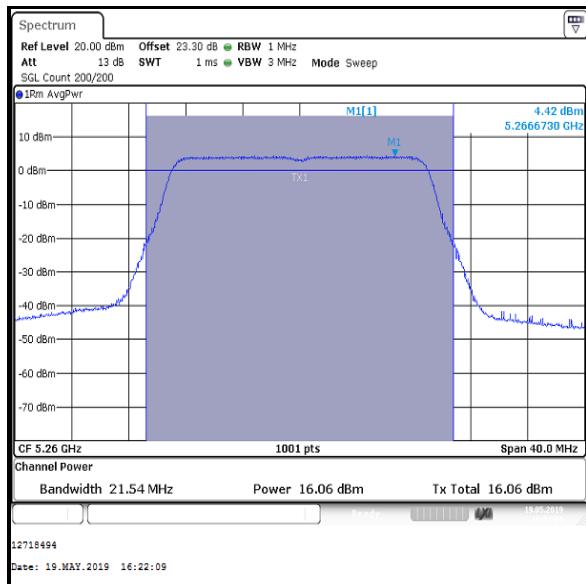
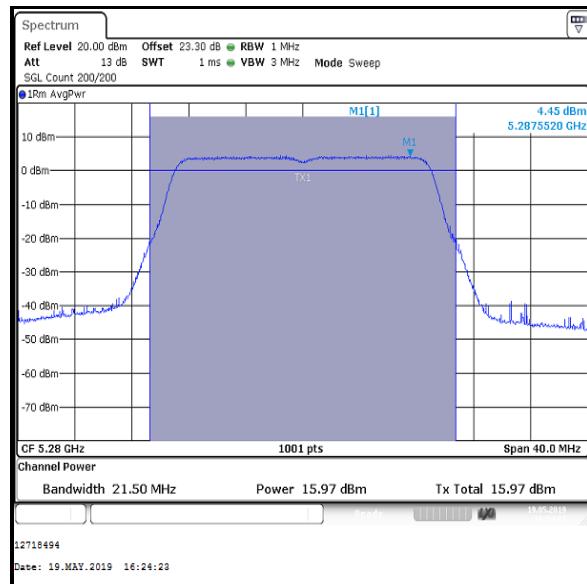
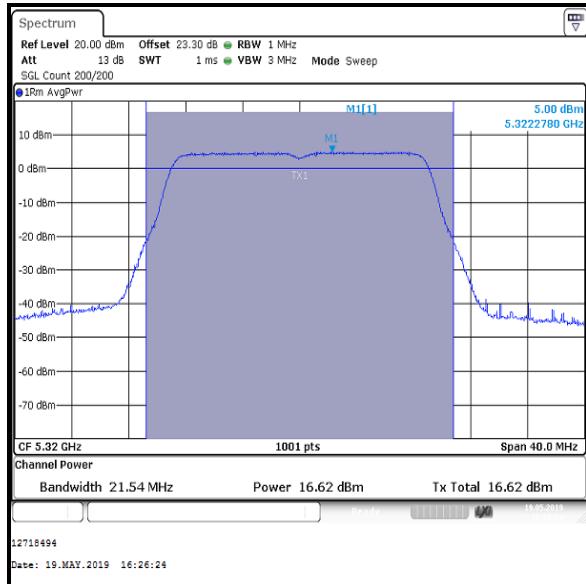
| Channel | Frequency (MHz) | Conducted Power (dBm) | Duty cycle correction factor (dB) | Corrected Conducted Power (dBm) | Limit (dBm) | Margin (dB) | Result |
|---------|-----------------|-----------------------|-----------------------------------|---------------------------------|-------------|-------------|----------|
| Single | 5290 | 13.0 | 0.2 | 13.2 | 24.0 | 10.8 | Complied |



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

| Channel | Frequency (MHz) | Conducted Power Core 0 (dBm) | Conducted Power Core 2 (dBm) | Combined Conducted Power (dBm) | Limit (dBm) | Margin (dB) | Result |
|---------|-----------------|------------------------------|------------------------------|--------------------------------|-------------|-------------|----------|
| Bottom | 5260 | 15.7 | 16.1 | 18.9 | 24.0 | 5.1 | Complied |
| Middle | 5280 | 15.4 | 16.0 | 18.7 | 24.0 | 5.3 | Complied |
| Top | 5320 | 15.6 | 16.6 | 19.1 | 24.0 | 4.9 | Complied |

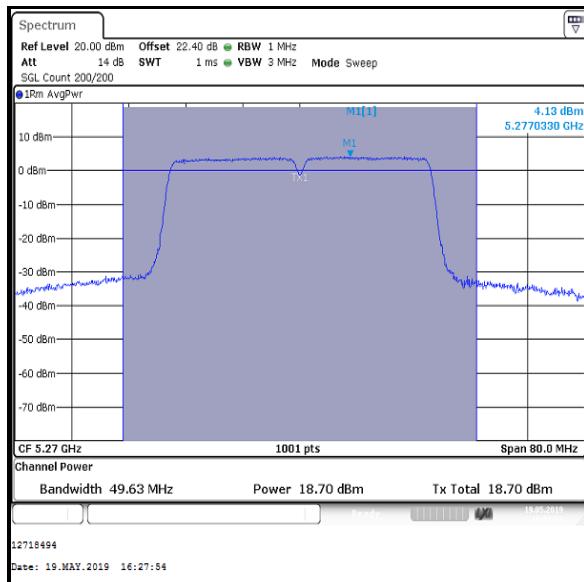
Results: 802.11n / 20 MHz / MIMO / 2Tx CDD / BPSK / MCS0 / Core 0**Bottom Channel****Middle Channel****Top Channel**

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

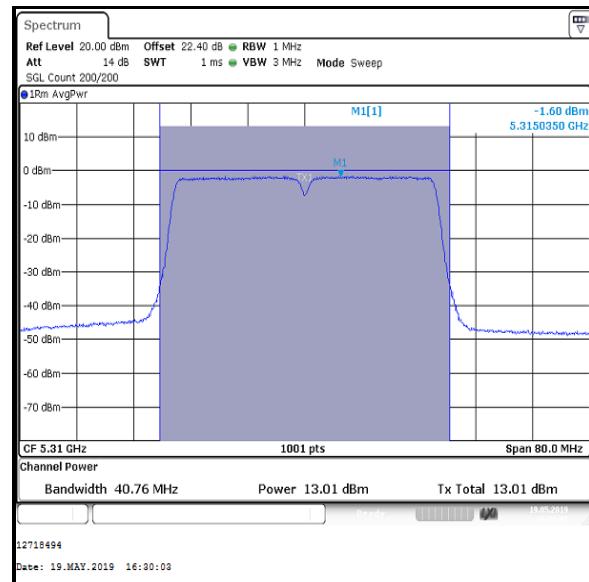
Transmitter Maximum Conducted Output Power (5.25-5.35 GHz band) (continued)**Results: 802.11n / 40 MHz / MIMO / 2Tx CDD / BPSK / MCS0**

| Channel | Frequency (MHz) | Core 0 | | | Core 2 | | |
|---------|-----------------|-----------------------|-----------------------------------|---------------------------------|-----------------------|-----------------------------------|---------------------------------|
| | | Conducted Power (dBm) | Duty Cycle correction factor (dB) | Corrected Conducted Power (dBm) | Conducted Power (dBm) | Duty Cycle correction factor (dB) | Corrected Conducted Power (dBm) |
| Bottom | 5270 | 18.7 | 0.1 | 18.8 | 19.2 | 0.1 | 19.3 |
| Top | 5310 | 13.0 | 0.1 | 13.1 | 13.9 | 0.1 | 14.0 |

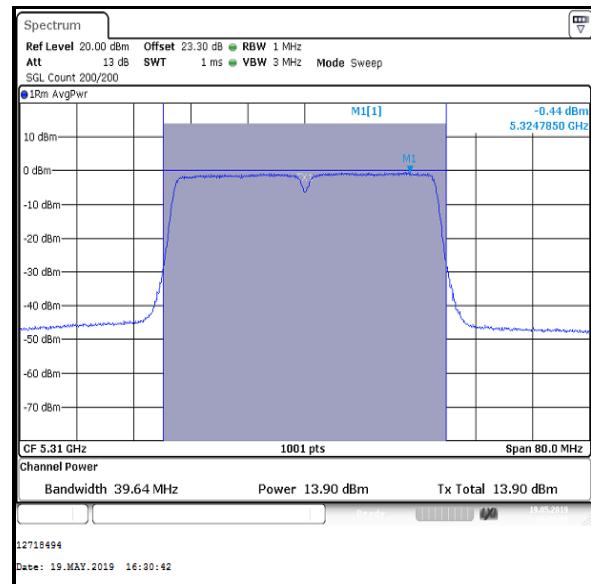
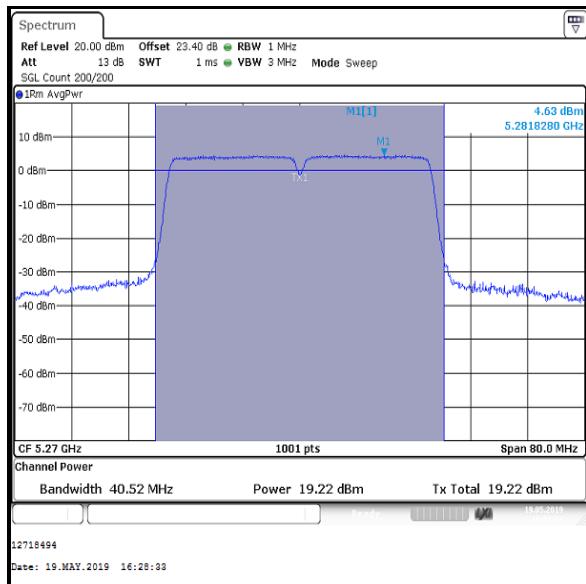
| Channel | Frequency (MHz) | Corrected Conducted Power Core 0 (dBm) | Corrected Conducted Power Core 2 (dBm) | Combined Conducted Power (dBm) | Limit (dBm) | Margin (dB) | Result |
|---------|-----------------|--|--|--------------------------------|-------------|-------------|----------|
| Bottom | 5270 | 18.8 | 19.3 | 22.1 | 24.0 | 1.9 | Complied |
| Top | 5310 | 13.1 | 14.0 | 16.6 | 24.0 | 7.4 | Complied |

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

Bottom Channel



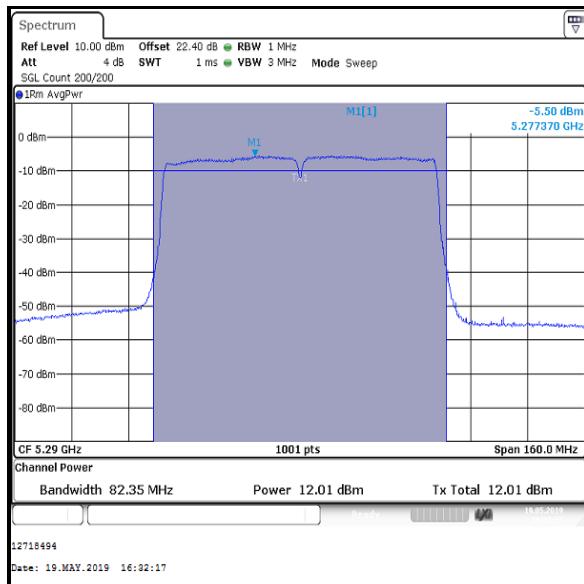
Top Channel

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

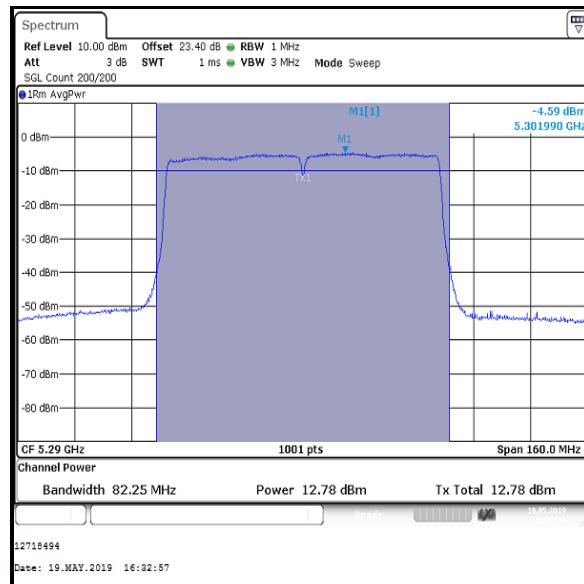
Transmitter Maximum Conducted Output Power (5.25-5.35 GHz band) (continued)**Results: 802.11ac / 80 MHz / MIMO / 2Tx CDD / BPSK / MCS0x1**

| Channel | Frequency (MHz) | Core 0 | | | Core 2 | | |
|---------|-----------------|-----------------------|-----------------------------------|---------------------------------|-----------------------|-----------------------------------|---------------------------------|
| | | Conducted Power (dBm) | Duty Cycle correction factor (dB) | Corrected Conducted Power (dBm) | Conducted Power (dBm) | Duty Cycle correction factor (dB) | Corrected Conducted Power (dBm) |
| Single | 5290 | 12.0 | 0.2 | 12.2 | 12.8 | 0.2 | 13.0 |

| Channel | Frequency (MHz) | Corrected Conducted Power Core 0 (dBm) | Corrected Conducted Power Core 2 (dBm) | Combined Conducted Power (dBm) | Limit (dBm) | Margin (dB) | Result |
|---------|-----------------|--|--|--------------------------------|-------------|-------------|----------|
| Single | 5290 | 12.2 | 13.0 | 15.6 | 24.0 | 8.4 | Complied |



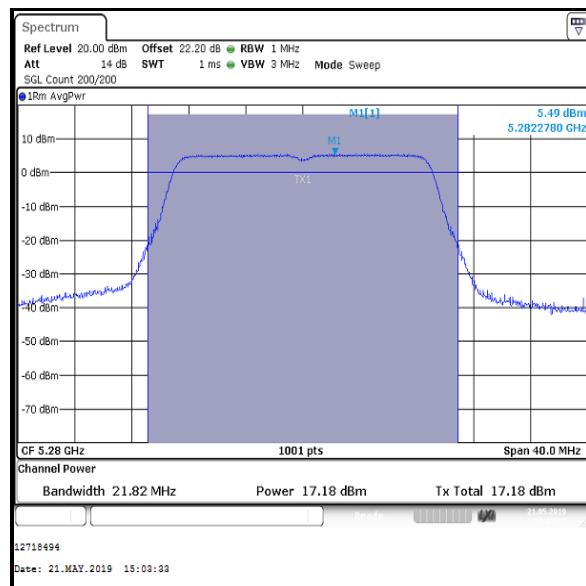
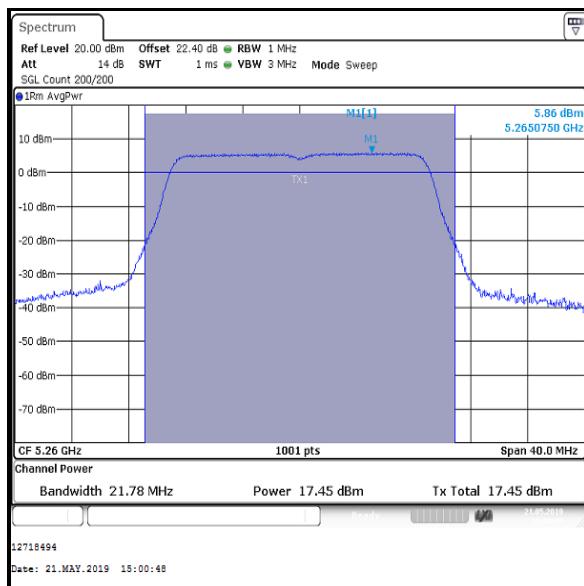
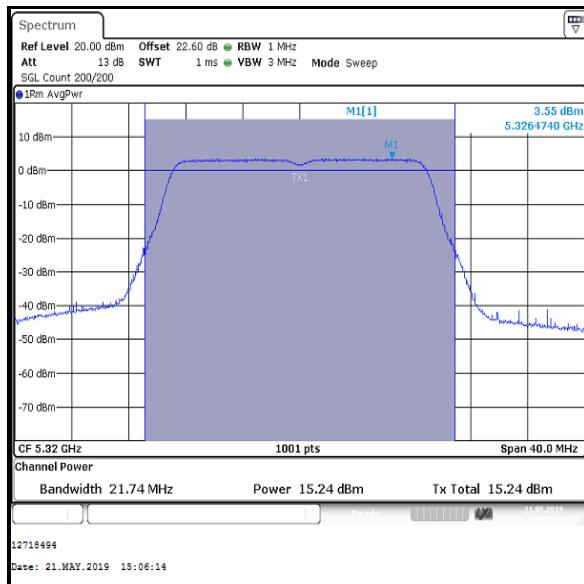
Single Channel / Core 0

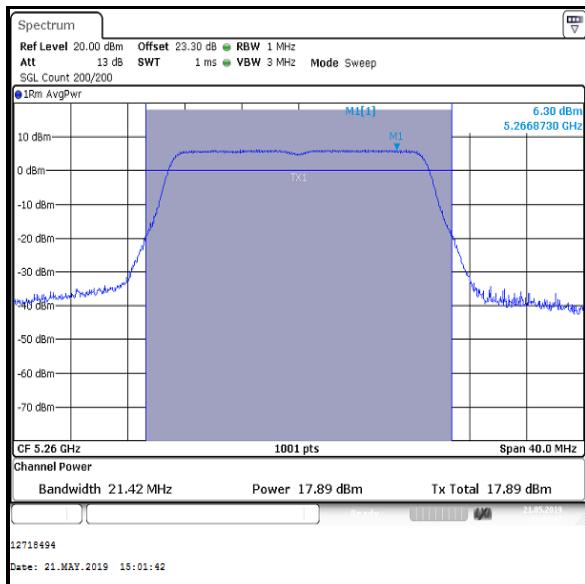
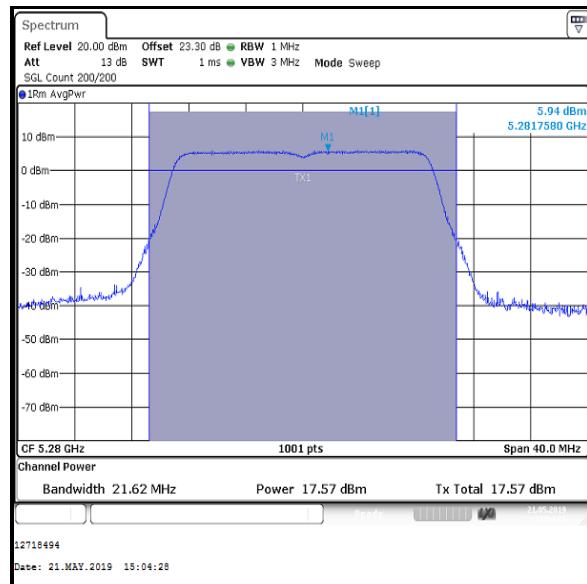
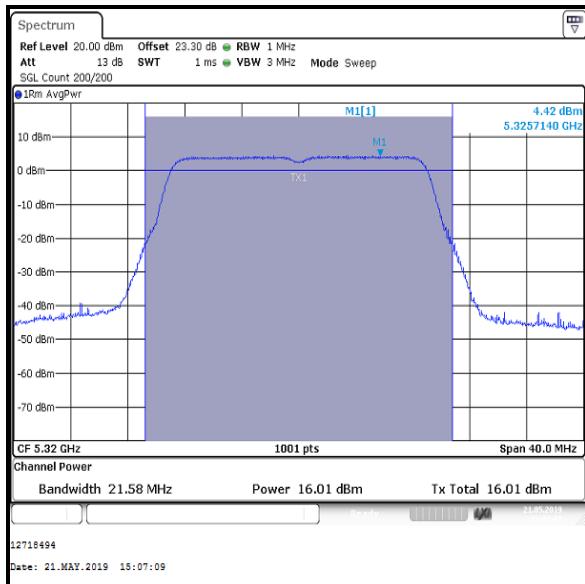


Single Channel / Core 2

Transmitter Maximum Conducted Output Power (5.25-5.35 GHz band) (continued)**Results: 802.11n / 20 MHz / MIMO / 2Tx SDM / BPSK / MCS8**

| Channel | Frequency (MHz) | Conducted Power Core 0 (dBm) | Conducted Power Core 2 (dBm) | Combined Conducted Power (dBm) | Limit (dBm) | Margin (dB) | Result |
|---------|-----------------|------------------------------|------------------------------|--------------------------------|-------------|-------------|----------|
| Bottom | 5260 | 17.5 | 17.9 | 20.7 | 24.0 | 3.3 | Complied |
| Middle | 5280 | 17.2 | 17.6 | 20.4 | 24.0 | 3.6 | Complied |
| Top | 5320 | 15.2 | 16.0 | 18.6 | 24.0 | 5.4 | Complied |

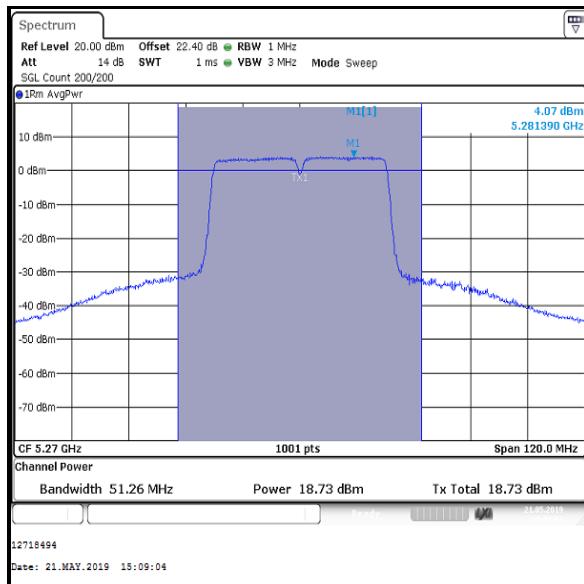
Results: 802.11n / 20 MHz / MIMO / 2Tx SDM / BPSK / MCS8 / Core 0**Bottom Channel****Middle Channel****Top Channel**

Transmitter Maximum Conducted Output Power (5.25-5.35 GHz band) (continued)**Results: 802.11n / 20 MHz / MIMO / 2Tx SDM / BPSK / MCS8 / Core 2****Bottom Channel****Middle Channel****Top Channel**

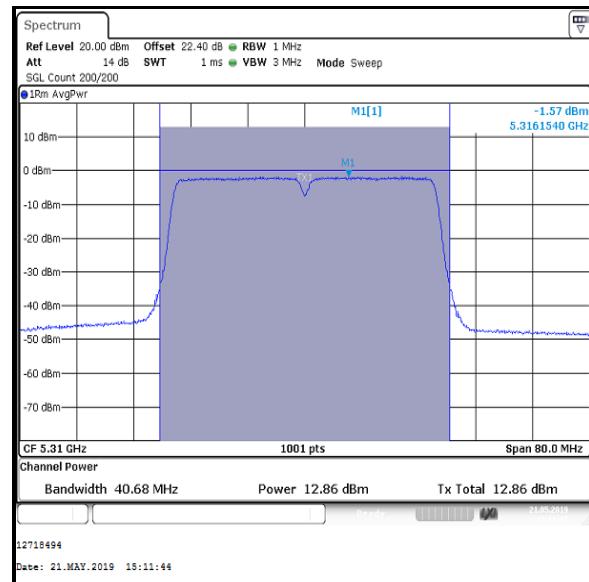
Transmitter Maximum Conducted Output Power (5.25-5.35 GHz band) (continued)**Results: 802.11n / 40 MHz / MIMO / 2Tx SDM / BPSK / MCS8**

| Channel | Frequency (MHz) | Core 0 | | | Core 2 | | |
|---------|-----------------|-----------------------|-----------------------------------|---------------------------------|-----------------------|-----------------------------------|---------------------------------|
| | | Conducted Power (dBm) | Duty Cycle correction factor (dB) | Corrected Conducted Power (dBm) | Conducted Power (dBm) | Duty Cycle correction factor (dB) | Corrected Conducted Power (dBm) |
| Bottom | 5270 | 18.7 | 0.1 | 18.8 | 18.9 | 0.1 | 19.0 |
| Top | 5310 | 12.9 | 0.1 | 13.0 | 13.6 | 0.1 | 13.7 |

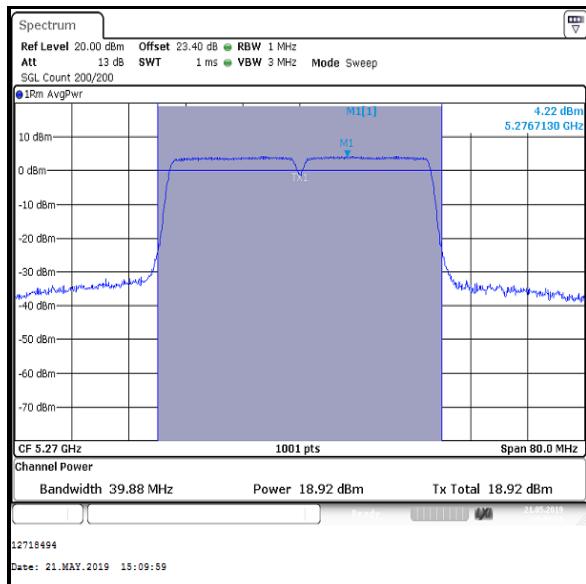
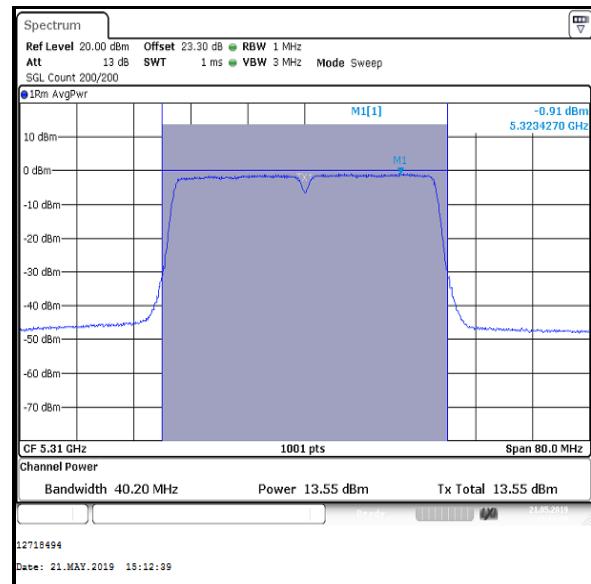
| Channel | Frequency (MHz) | Corrected Conducted Power Core 0 (dBm) | Corrected Conducted Power Core 2 (dBm) | Combined Conducted Power (dBm) | Limit (dBm) | Margin (dB) | Result |
|---------|-----------------|--|--|--------------------------------|-------------|-------------|----------|
| Bottom | 5270 | 18.8 | 19.0 | 21.9 | 24.0 | 2.1 | Complied |
| Top | 5310 | 13.0 | 13.7 | 16.4 | 24.0 | 7.6 | Complied |

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

Bottom Channel



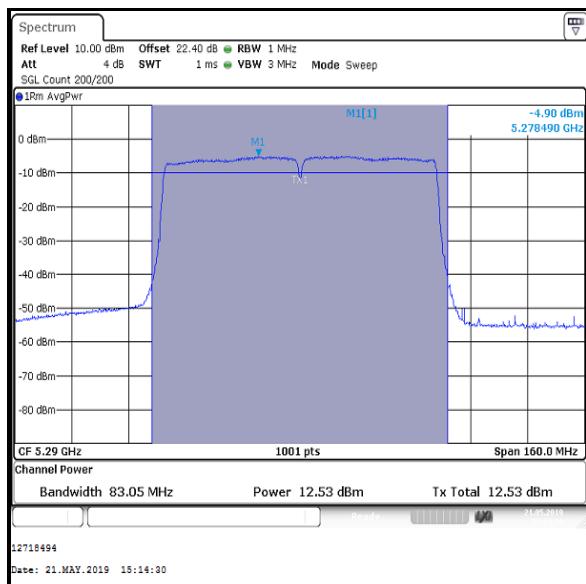
Top Channel

Transmitter Maximum Conducted Output Power (5.25-5.35 GHz band) (continued)**Results: 802.11n / 40 MHz / MIMO / 2Tx SDM / BPSK / MCS8 / Core 2****Bottom Channel****Top Channel**

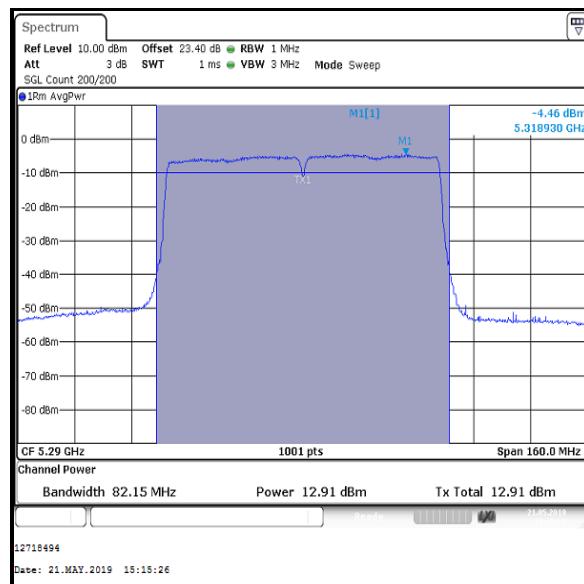
Transmitter Maximum Conducted Output Power (5.25-5.35 GHz band) (continued)**Results: 802.11ac / 80 MHz / MIMO / 2Tx SDM / BPSK / MCS0x2**

| Channel | Frequency (MHz) | Core 0 | | | Core 2 | | |
|---------|-----------------|-----------------------|-----------------------------------|---------------------------------|-----------------------|-----------------------------------|---------------------------------|
| | | Conducted Power (dBm) | Duty Cycle correction factor (dB) | Corrected Conducted Power (dBm) | Conducted Power (dBm) | Duty Cycle correction factor (dB) | Corrected Conducted Power (dBm) |
| Single | 5290 | 12.5 | 0.2 | 12.7 | 12.9 | 0.2 | 13.1 |

| Channel | Frequency (MHz) | Corrected Conducted Power Core 0 (dBm) | Corrected Conducted Power Core 2 (dBm) | Combined Conducted Power (dBm) | Limit (dBm) | Margin (dB) | Result |
|---------|-----------------|--|--|--------------------------------|-------------|-------------|----------|
| Single | 5290 | 12.7 | 13.1 | 15.9 | 24.0 | 8.1 | Complied |



Single Channel / Core 0

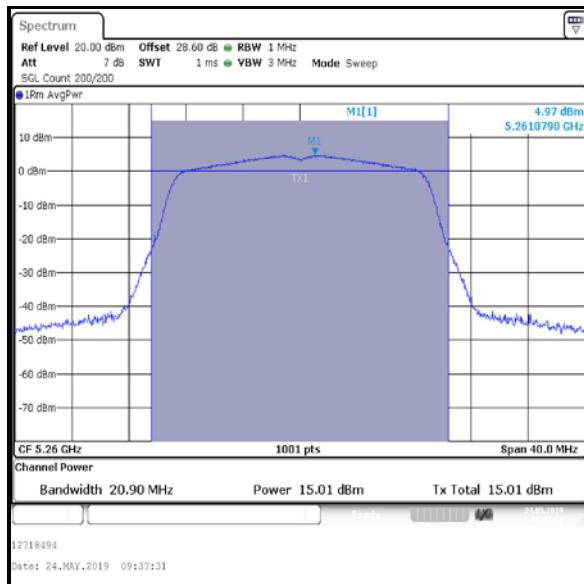
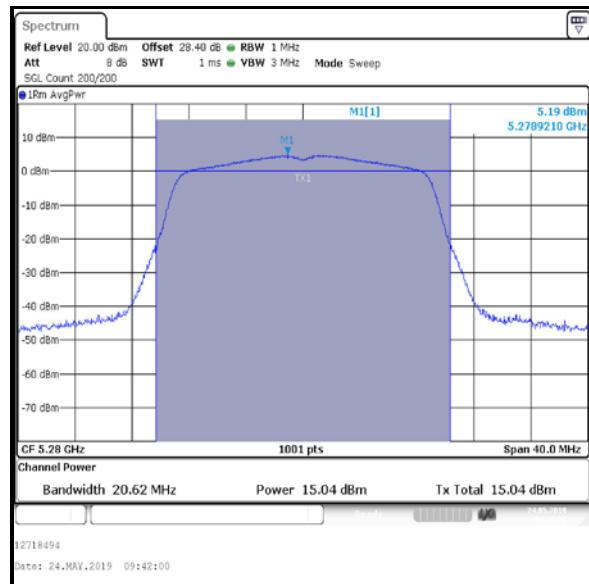
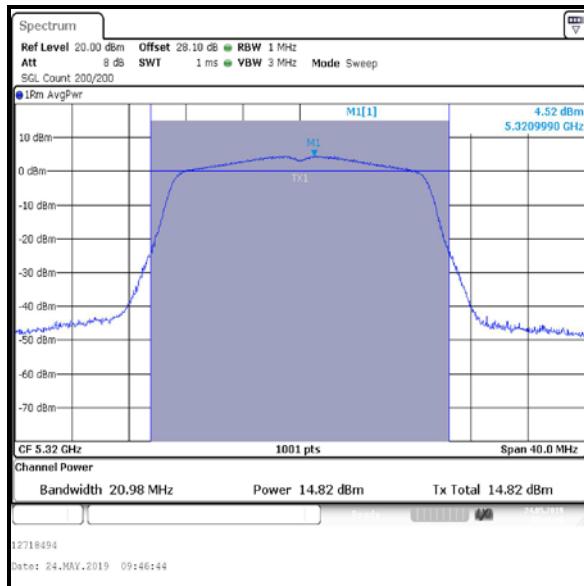


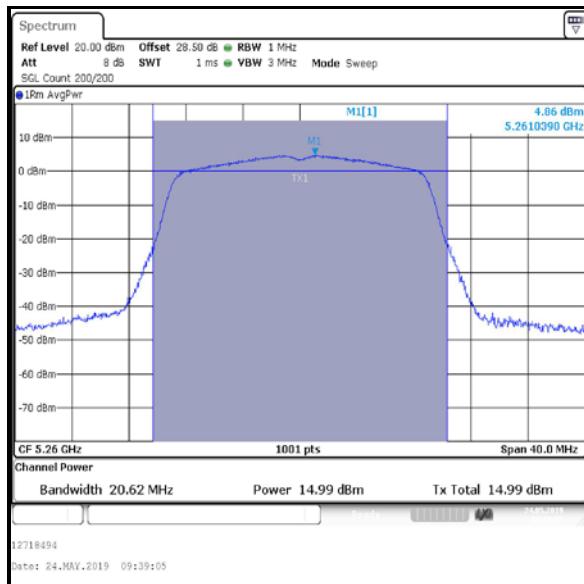
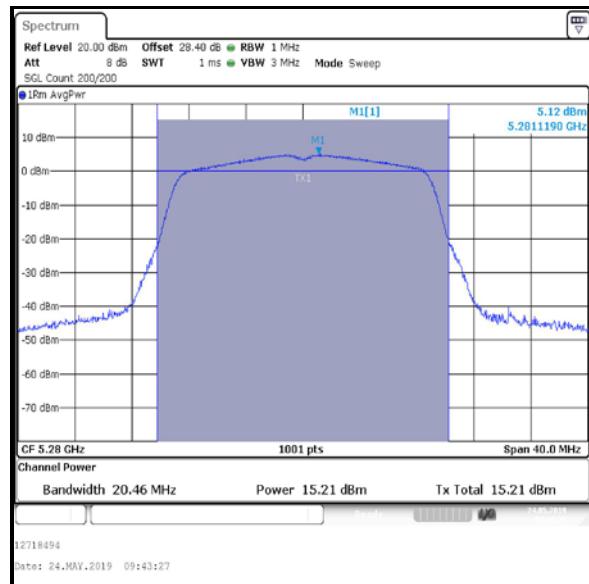
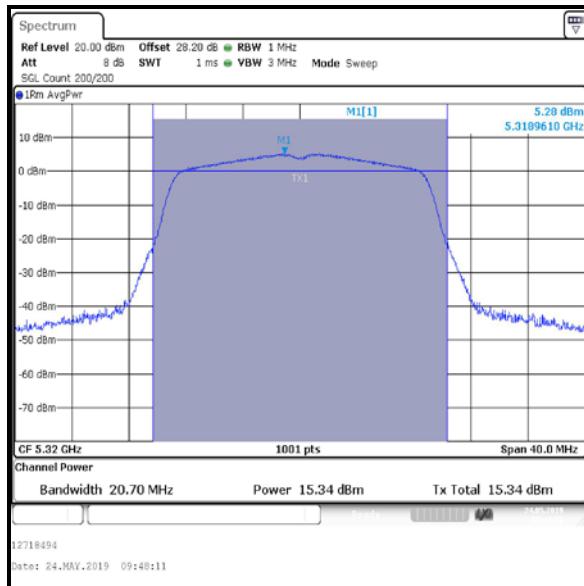
Single Channel / Core 2

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

| Channel | Frequency (MHz) | Core 0 | | | Core 2 | | |
|---------|-----------------|-----------------------|-----------------------------------|---------------------------------|-----------------------|-----------------------------------|---------------------------------|
| | | Conducted Power (dBm) | Duty Cycle correction factor (dB) | Corrected Conducted Power (dBm) | Conducted Power (dBm) | Duty Cycle correction factor (dB) | Corrected Conducted Power (dBm) |
| Bottom | 5260 | 15.0 | 0.1 | 15.1 | 15.0 | 0.1 | 15.1 |
| Middle | 5280 | 15.0 | 0.1 | 15.1 | 15.2 | 0.1 | 15.3 |
| Top | 5320 | 14.8 | 0.1 | 14.9 | 15.3 | 0.1 | 15.4 |

| Channel | Frequency (MHz) | Corrected Conducted Power Core 0 (dBm) | Corrected Conducted Power Core 2 (dBm) | Combined Conducted Power (dBm) | Limit (dBm) | Margin (dB) | Result |
|---------|-----------------|--|--|--------------------------------|-------------|-------------|----------|
| Bottom | 5260 | 15.1 | 15.1 | 18.1 | 22.2 | 4.1 | Complied |
| Middle | 5280 | 15.1 | 15.3 | 18.2 | 22.2 | 4.0 | Complied |
| Top | 5320 | 14.9 | 15.4 | 18.2 | 22.2 | 4.0 | Complied |

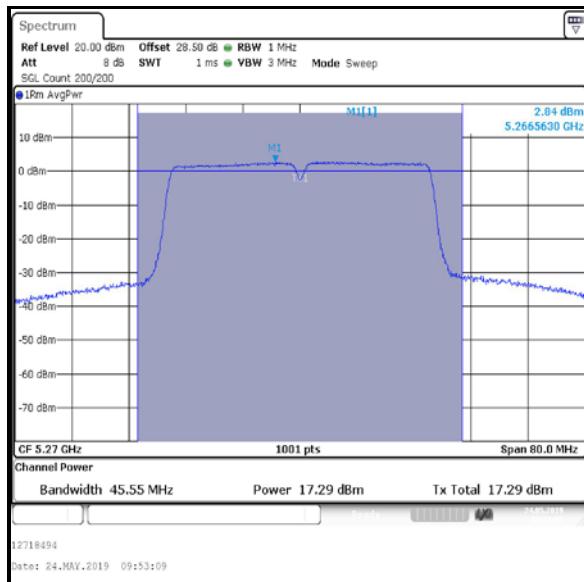
Transmitter Maximum Conducted Output Power (5.25-5.35 GHz band) (continued)**Results: 802.11n / 20 MHz / MIMO / 2Tx TXBF / BPSK / MCS0 / Core 0****Bottom Channel****Middle Channel****Top Channel**

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

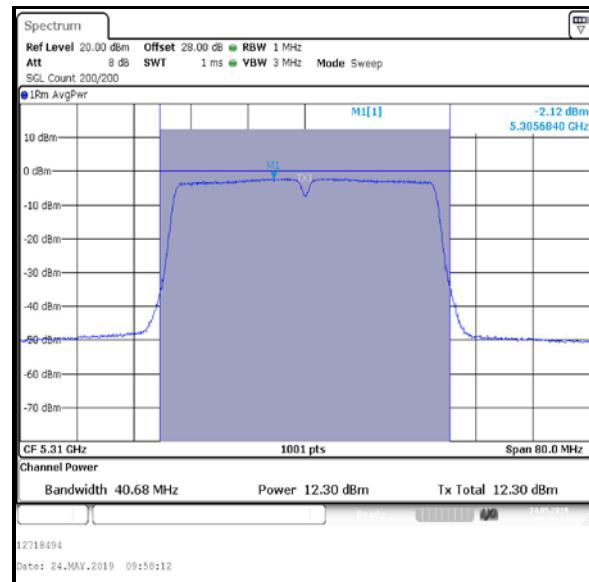
Transmitter Maximum Conducted Output Power (5.25-5.35 GHz band) (continued)**Results: 802.11n / 40 MHz / MIMO / 2Tx TXBF / BPSK / MCS0**

| Channel | Frequency (MHz) | Core 0 | | | Core 2 | | |
|---------|-----------------|-----------------------|-----------------------------------|---------------------------------|-----------------------|-----------------------------------|---------------------------------|
| | | Conducted Power (dBm) | Duty Cycle correction factor (dB) | Corrected Conducted Power (dBm) | Conducted Power (dBm) | Duty Cycle correction factor (dB) | Corrected Conducted Power (dBm) |
| Bottom | 5270 | 17.3 | 0.1 | 17.4 | 17.2 | 0.1 | 17.3 |
| Top | 5310 | 12.3 | 0.1 | 12.4 | 13.0 | 0.1 | 13.1 |

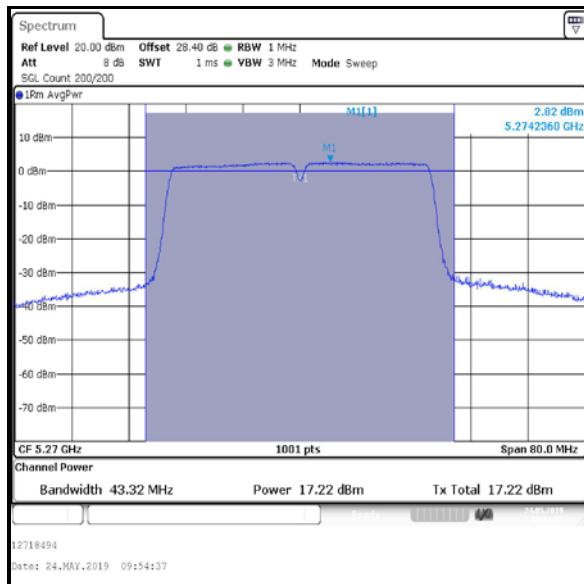
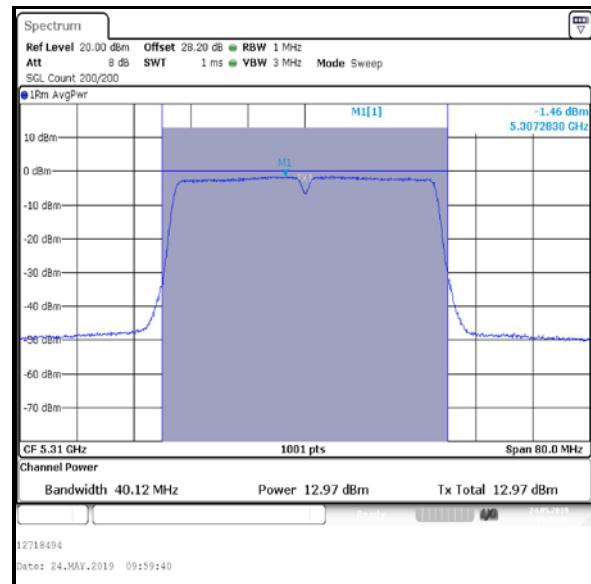
| Channel | Frequency (MHz) | Corrected Conducted Power Core 0 (dBm) | Corrected Conducted Power Core 2 (dBm) | Combined Conducted Power (dBm) | Limit (dBm) | Margin (dB) | Result |
|---------|-----------------|--|--|--------------------------------|-------------|-------------|----------|
| Bottom | 5270 | 17.4 | 17.3 | 20.4 | 22.2 | 1.8 | Complied |
| Top | 5310 | 12.4 | 13.1 | 15.8 | 22.2 | 6.4 | Complied |

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

Bottom Channel



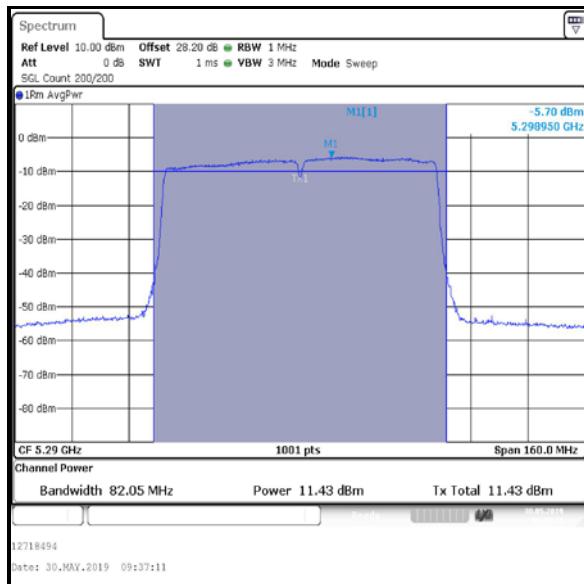
Top Channel

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

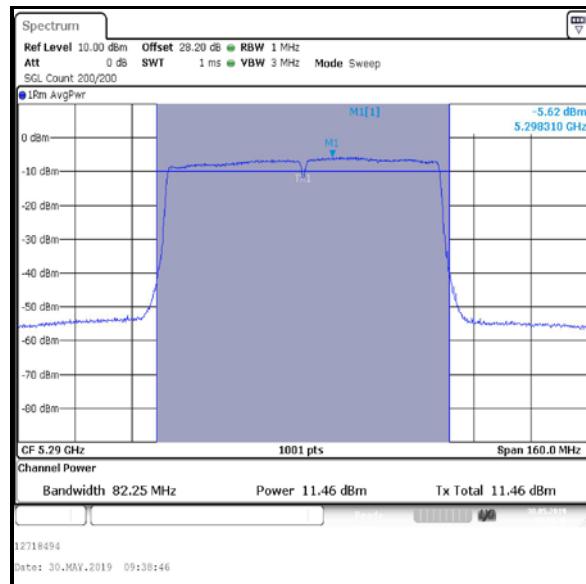
Transmitter Maximum Conducted Output Power (5.25-5.35 GHz band) (continued)**Results: 802.11ac / 80 MHz / MIMO / 2Tx TXBF / BPSK / MCS0x1**

| Channel | Frequency (MHz) | Core 0 | | | Core 2 | | |
|---------|-----------------|-----------------------|-----------------------------------|---------------------------------|-----------------------|-----------------------------------|---------------------------------|
| | | Conducted Power (dBm) | Duty Cycle correction factor (dB) | Corrected Conducted Power (dBm) | Conducted Power (dBm) | Duty Cycle correction factor (dB) | Corrected Conducted Power (dBm) |
| Single | 5290 | 11.4 | 0.1 | 11.5 | 11.5 | 0.1 | 11.6 |

| Channel | Frequency (MHz) | Corrected Conducted Power Core 0 (dBm) | Corrected Conducted Power Core 2 (dBm) | Combined Conducted Power (dBm) | Limit (dBm) | Margin (dB) | Result |
|---------|-----------------|--|--|--------------------------------|-------------|-------------|----------|
| Single | 5290 | 11.5 | 11.6 | 14.6 | 22.2 | 7.6 | Complied |



Single Channel / Core 0

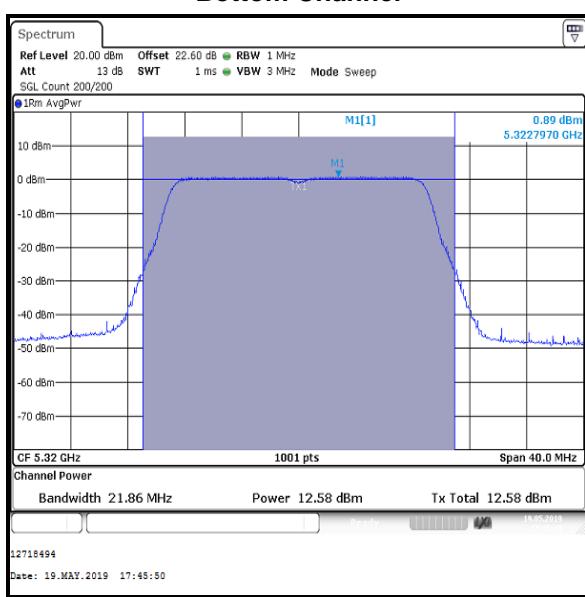
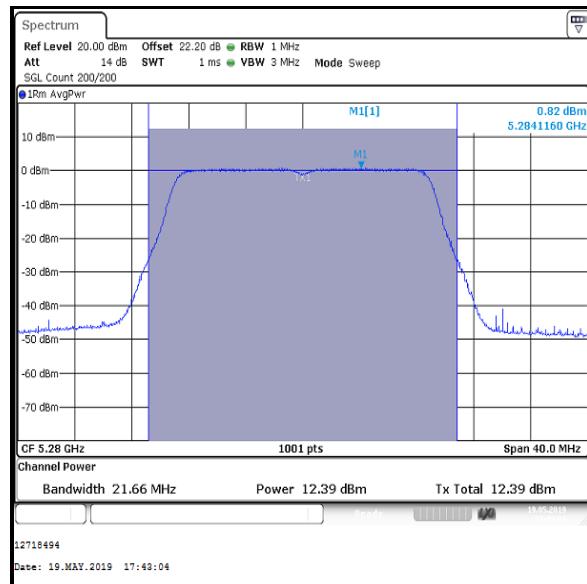
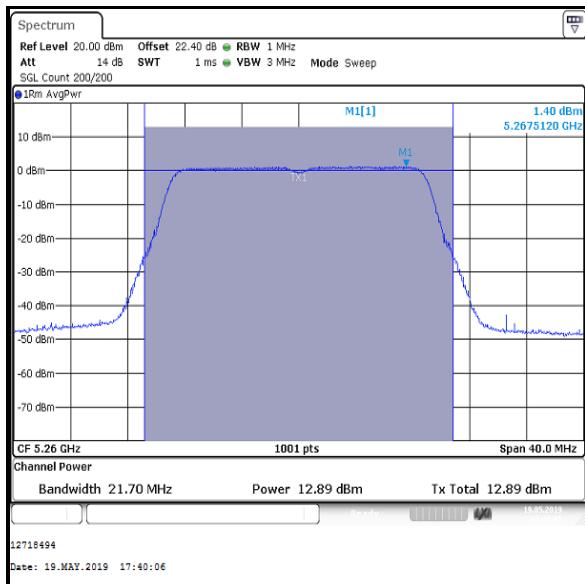


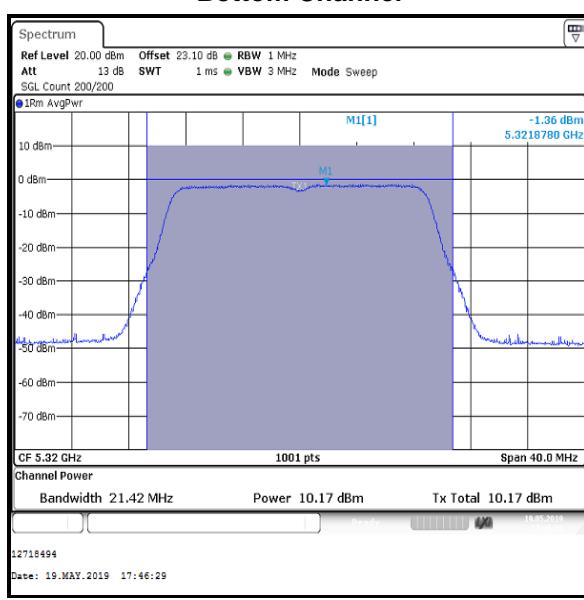
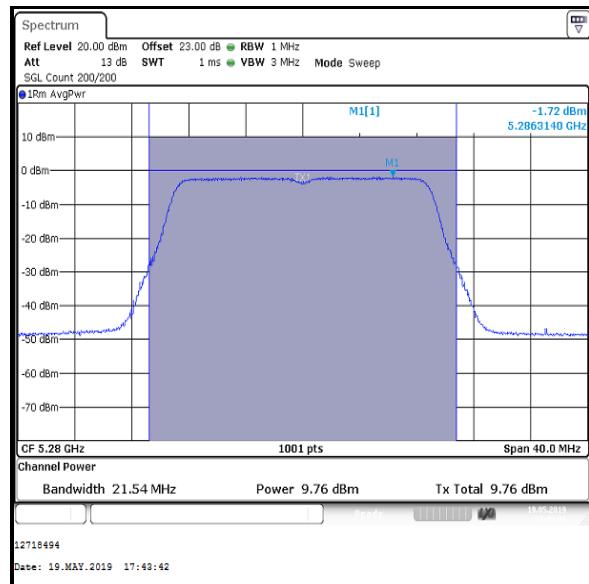
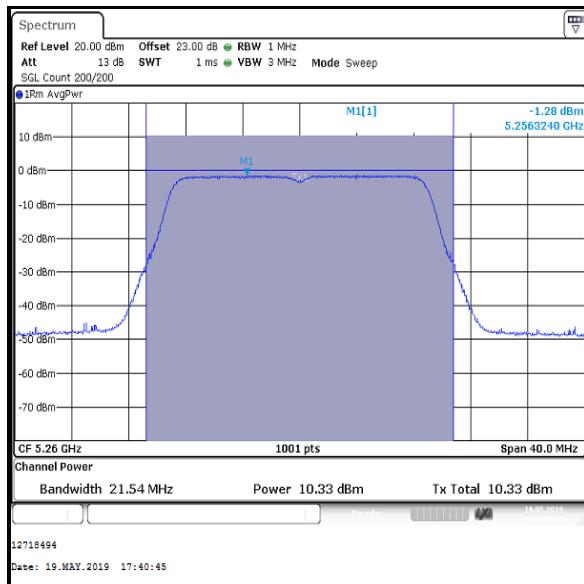
Single Channel / Core 2

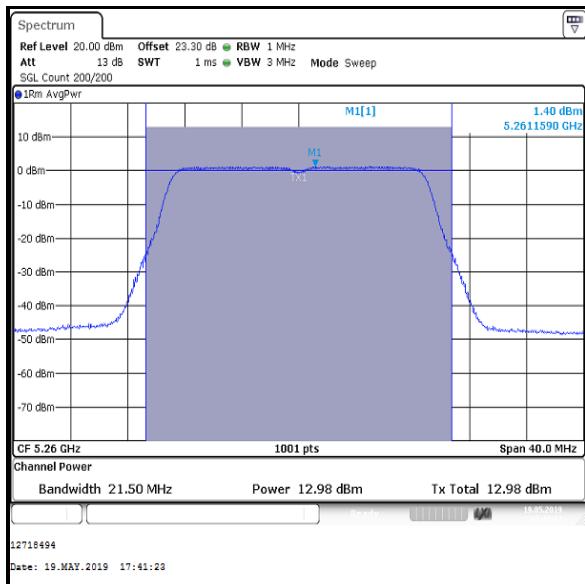
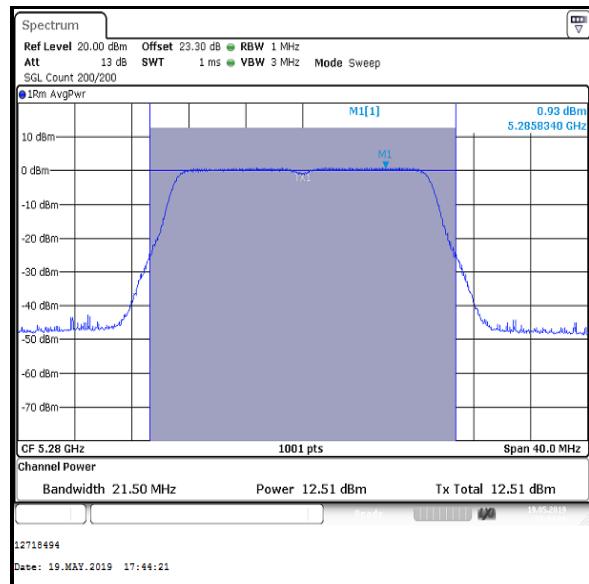
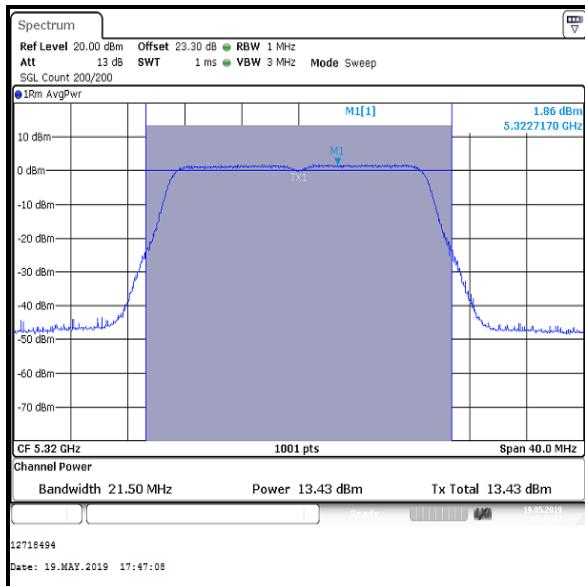
Transmitter Maximum Conducted Output Power (5.25-5.35 GHz band) (continued)**Results: 802.11n / 20 MHz / MIMO / 3Tx CDD / BPSK / MCS0**

| Channel | Frequency (MHz) | Conducted Power Core 0 (dBm) | Conducted Power Core 1 (dBm) | Conducted Power Core 2 (dBm) | Combined Conducted Power (dBm) |
|---------|-----------------|------------------------------|------------------------------|------------------------------|--------------------------------|
| Bottom | 5260 | 12.9 | 10.3 | 13.0 | 17.0 |
| Middle | 5280 | 12.4 | 9.8 | 12.5 | 16.5 |
| Top | 5320 | 12.6 | 10.2 | 13.4 | 17.0 |

| Channel | Frequency (MHz) | Combined Conducted Power (dBm) | Limit (dBm) | Margin (dB) | Result |
|---------|-----------------|--------------------------------|-------------|-------------|----------|
| Bottom | 5260 | 17.0 | 24.0 | 7.0 | Complied |
| Middle | 5280 | 16.5 | 24.0 | 7.5 | Complied |
| Top | 5320 | 17.0 | 24.0 | 7.0 | Complied |

Transmitter Maximum Conducted Output Power (5.25-5.35 GHz band) (continued)**Results: 802.11n / 20 MHz / MIMO / 3Tx CDD / BPSK / MCS0 / Core 0**

Transmitter Maximum Conducted Output Power (5.25-5.35 GHz band) (continued)**Results: 802.11n / 20 MHz / MIMO / 3Tx CDD / BPSK / MCS0 / Core 1**

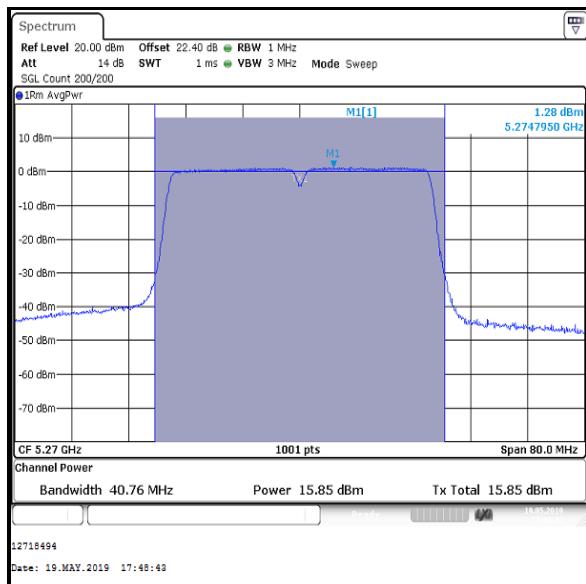
Transmitter Maximum Conducted Output Power (5.25-5.35 GHz band) (continued)**Results: 802.11n / 20 MHz / MIMO / 3Tx CDD / BPSK / MCS0 / Core 2****Bottom Channel****Middle Channel****Top Channel**

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

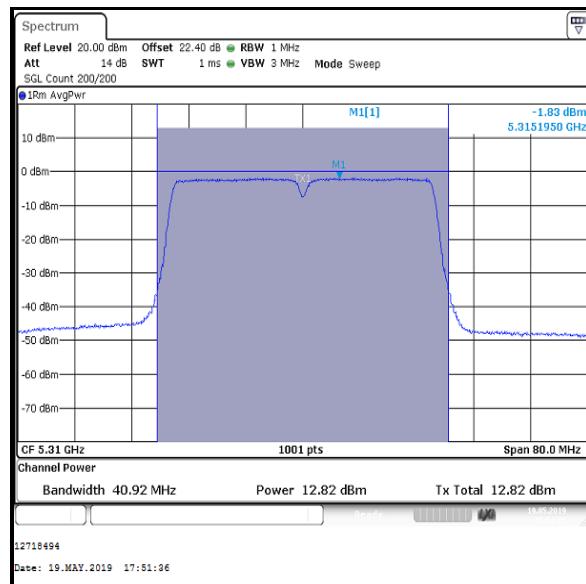
| Channel | Frequency (MHz) | Core 0 | | | Core 1 | | |
|---------|-----------------|-----------------------|-----------------------------------|---------------------------------|-----------------------|-----------------------------------|---------------------------------|
| | | Conducted Power (dBm) | Duty Cycle correction factor (dB) | Corrected Conducted Power (dBm) | Conducted Power (dBm) | Duty Cycle correction factor (dB) | Corrected Conducted Power (dBm) |
| Bottom | 5270 | 15.9 | 0.1 | 16.0 | 13.3 | 0.1 | 13.4 |
| Top | 5310 | 12.8 | 0.1 | 12.9 | 10.5 | 0.1 | 10.6 |

| 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 | 5270 | 16.2 | 0.1 | 16.3 | 16.0 | 13.4 | 16.3 |
| Top | 5310 | 13.5 | 0.1 | 13.6 | 12.9 | 10.6 | 13.6 |

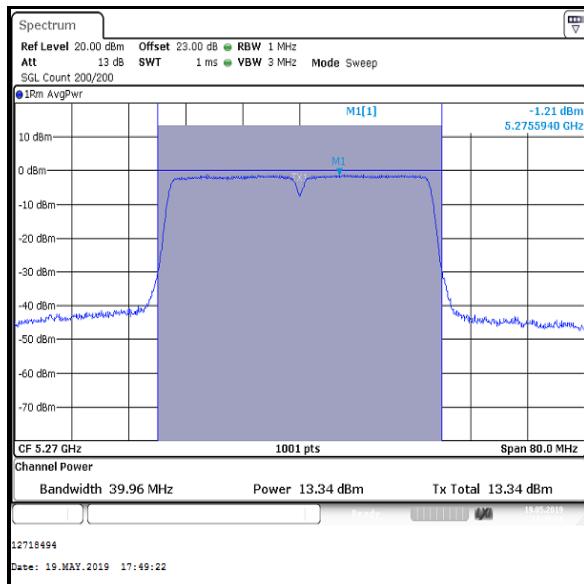
| Channel | Frequency (MHz) | Combined Conducted Power (dBm) | Limit (dBm) | Margin (dB) | Result |
|---------|-----------------|--------------------------------|-------------|-------------|----------|
| Bottom | 5270 | 20.2 | 24.0 | 3.8 | Complied |
| Top | 5310 | 17.3 | 24.0 | 6.7 | Complied |

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

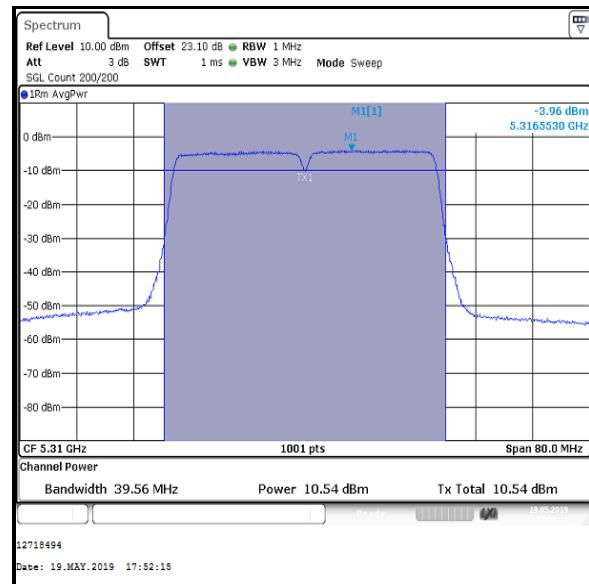
Bottom Channel



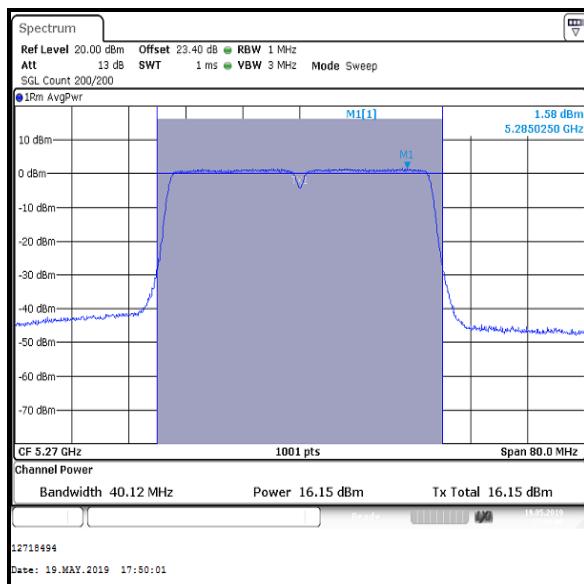
Top Channel

Transmitter Maximum Conducted Output Power (5.25-5.35 GHz band) (continued)**Results: 802.11n / 40 MHz / MIMO / 3Tx CDD / BPSK / MCS0 / Core 1**

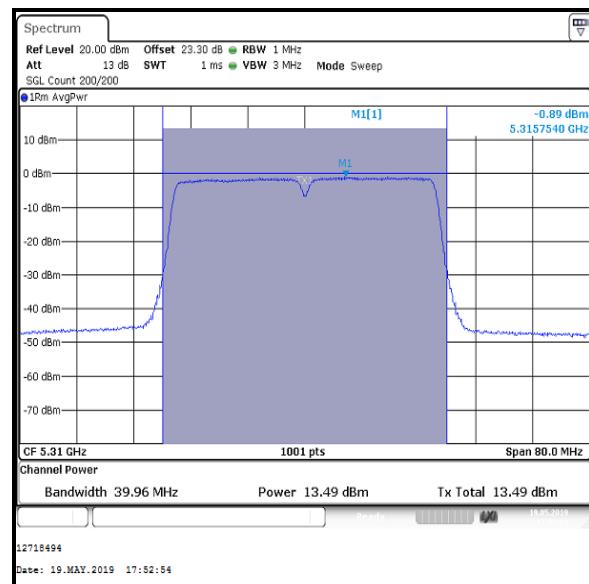
Bottom Channel



Top Channel

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

Bottom Channel



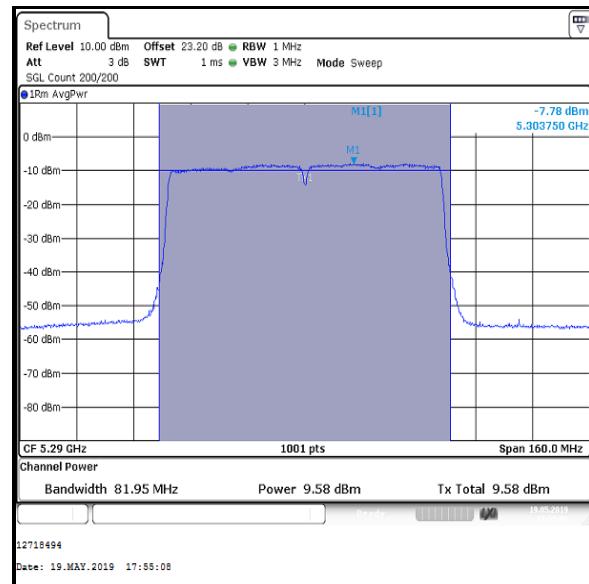
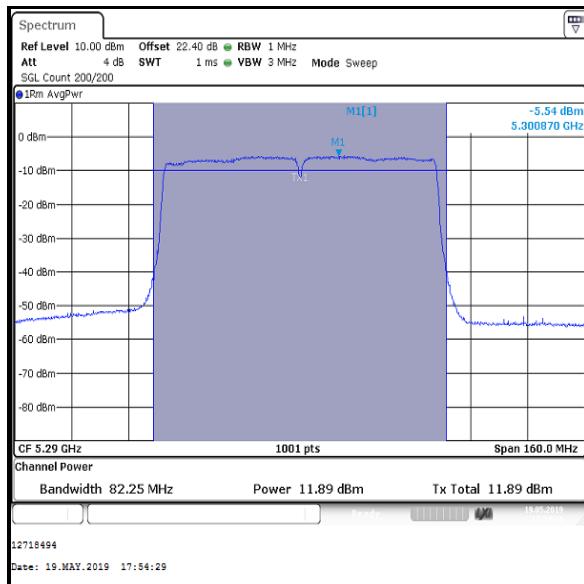
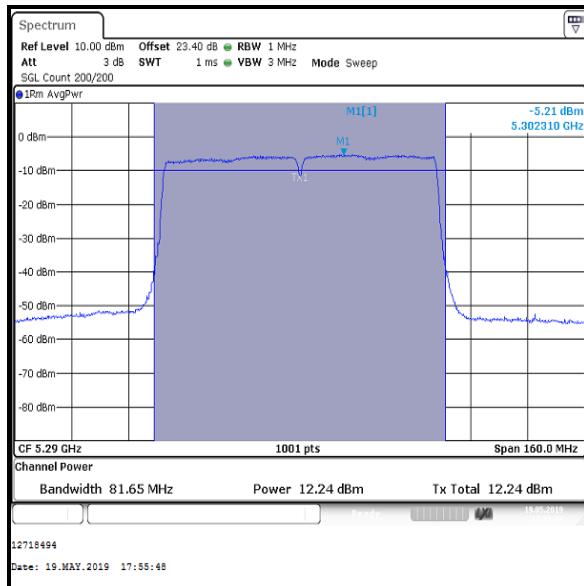
Top Channel

Transmitter Maximum Conducted Output Power (5.25-5.35 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 | 5290 | 11.9 | 0.2 | 12.1 | 9.6 | 0.2 | 9.8 |

| 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 | 5290 | 12.2 | 0.2 | 12.4 | 12.1 | 9.8 | 12.4 |

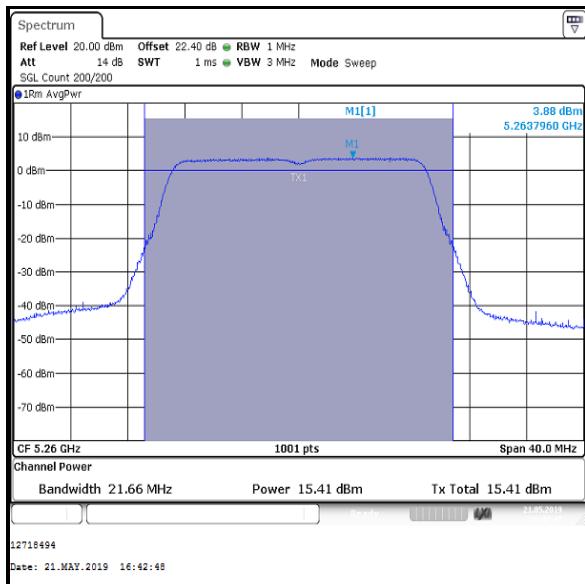
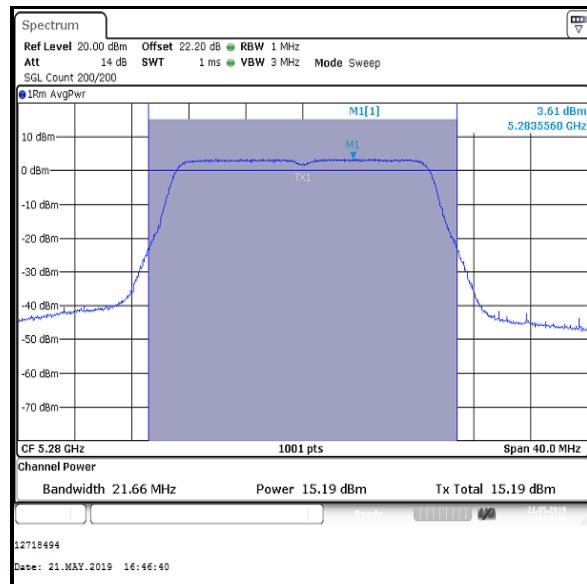
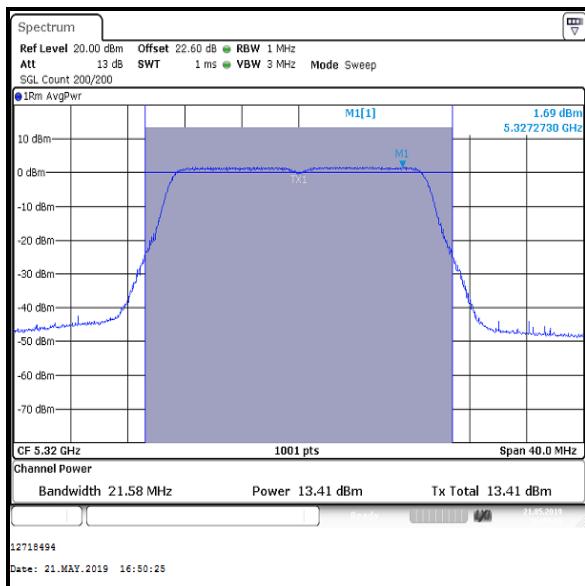
| Channel | Frequency (MHz) | Combined Conducted Power (dBm) | Limit (dBm) | Margin (dB) | Result |
|---------|-----------------|--------------------------------|-------------|-------------|----------|
| Single | 5290 | 16.3 | 24.0 | 7.7 | Complied |

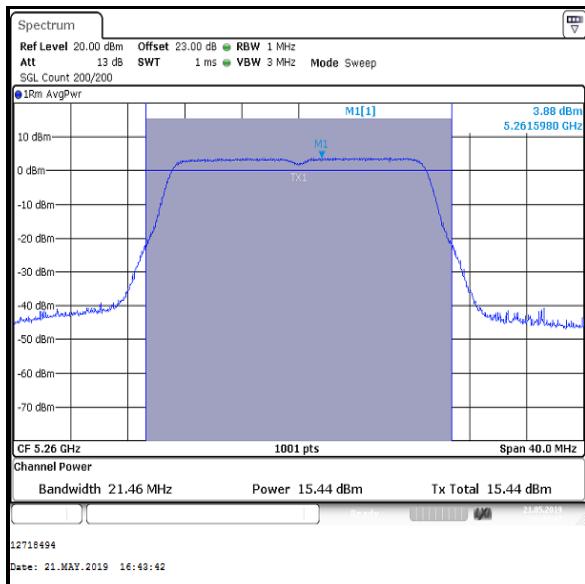
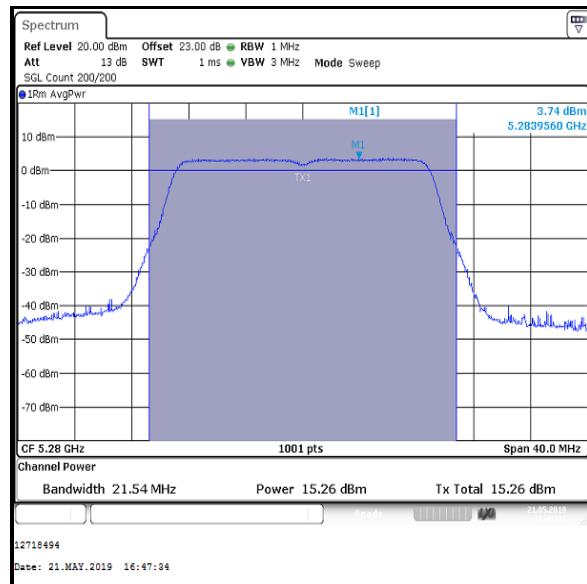
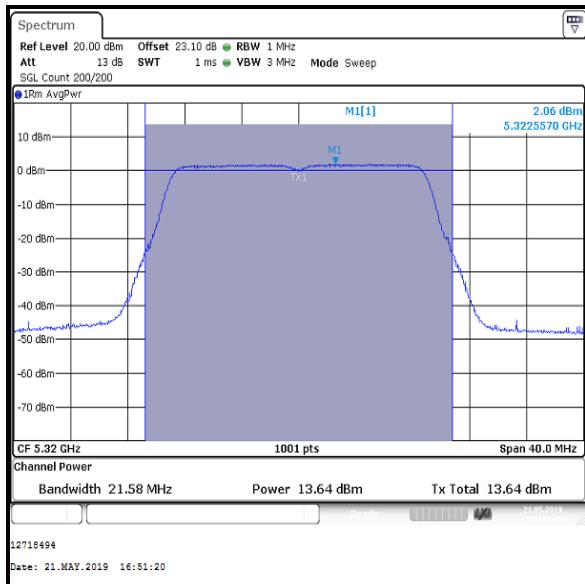
Transmitter Maximum Conducted Output Power (5.25-5.35 GHz band) (continued)**Results: 802.11ac / 80 MHz / MIMO / 3Tx CDD / BPSK / MCS0x1****Single Channel / Core 0****Single Channel / Core 2****Single Channel / Core 1**

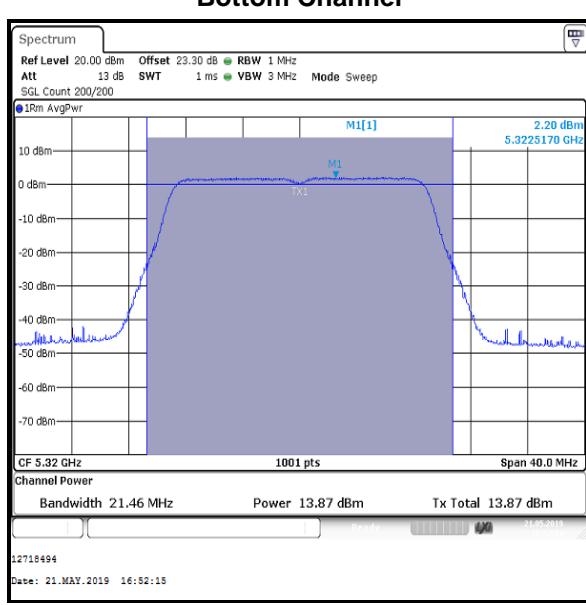
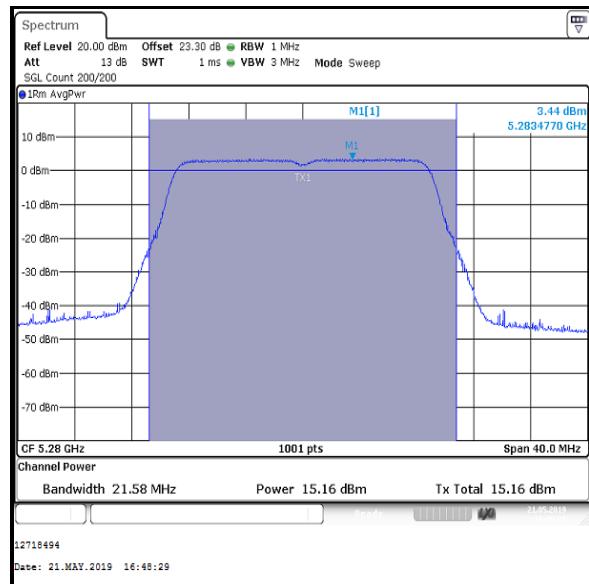
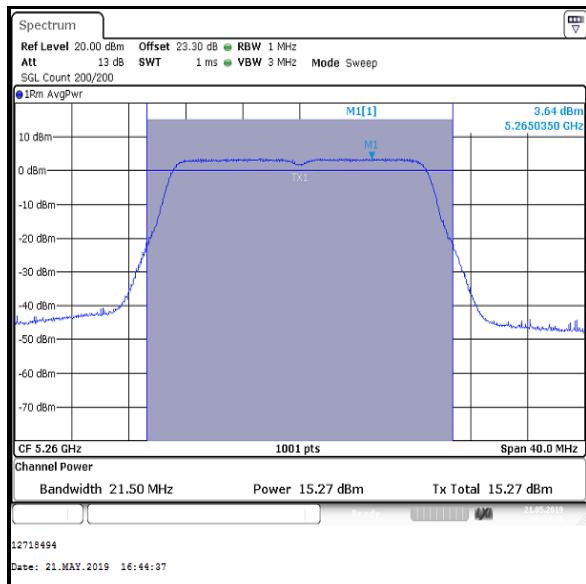
Transmitter Maximum Conducted Output Power (5.25-5.35 GHz band) (continued)**Results: 802.11n / 20 MHz / MIMO / 3Tx SDM / BPSK / MCS16**

| Channel | Frequency (MHz) | Conducted Power Core 0 (dBm) | Conducted Power Core 1 (dBm) | Conducted Power Core 2 (dBm) | Combined Conducted Power (dBm) |
|---------|-----------------|------------------------------|------------------------------|------------------------------|--------------------------------|
| Bottom | 5260 | 15.4 | 15.4 | 15.3 | 20.1 |
| Middle | 5280 | 15.2 | 15.3 | 15.2 | 20.0 |
| Top | 5320 | 13.4 | 13.6 | 13.9 | 18.4 |

| Channel | Frequency (MHz) | Combined Conducted Power (dBm) | Limit (dBm) | Margin (dB) | Result |
|---------|-----------------|--------------------------------|-------------|-------------|----------|
| Bottom | 5260 | 20.1 | 24.0 | 3.9 | Complied |
| Middle | 5280 | 20.0 | 24.0 | 4.0 | Complied |
| Top | 5320 | 18.4 | 24.0 | 5.6 | Complied |

Transmitter Maximum Conducted Output Power (5.25-5.35 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 (5.25-5.35 GHz band) (continued)**Results: 802.11n / 20 MHz / MIMO / 3Tx SDM / BPSK / MCS16 / Core 1****Bottom Channel****Middle Channel****Top Channel**

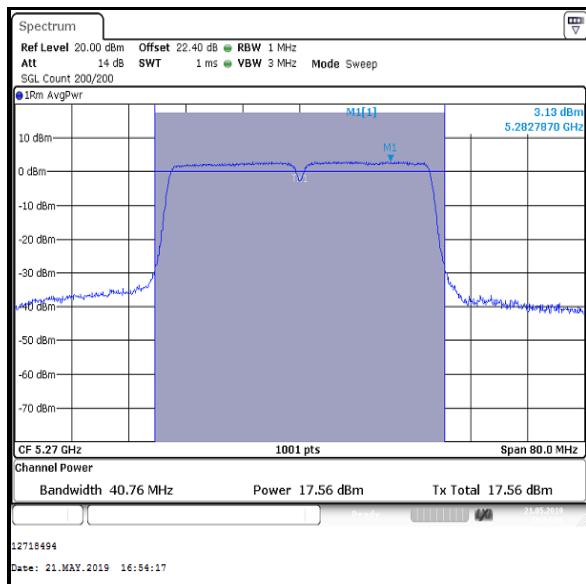
Transmitter Maximum Conducted Output Power (5.25-5.35 GHz band) (continued)**Results: 802.11n / 20 MHz / MIMO / 3Tx SDM / BPSK / MCS16 / Core 2**

Transmitter Maximum Conducted Output Power (5.25-5.35 GHz band) (continued)**Results: 802.11n / 40 MHz / MIMO / 3Tx SDM / BPSK / MCS16**

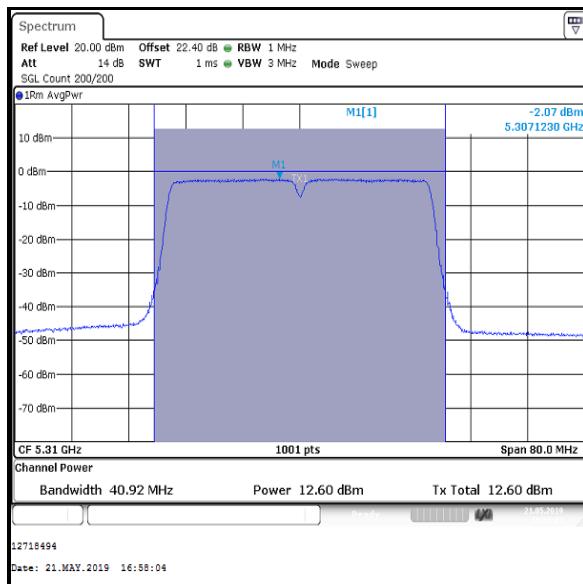
| Channel | Frequency (MHz) | Core 0 | | | Core 1 | | |
|---------|-----------------|-----------------------|-----------------------------------|---------------------------------|-----------------------|-----------------------------------|---------------------------------|
| | | Conducted Power (dBm) | Duty Cycle correction factor (dB) | Corrected Conducted Power (dBm) | Conducted Power (dBm) | Duty Cycle correction factor (dB) | Corrected Conducted Power (dBm) |
| Bottom | 5270 | 17.6 | 0.1 | 17.7 | 17.6 | 0.1 | 17.7 |
| Top | 5310 | 12.6 | 0.1 | 12.7 | 12.9 | 0.1 | 13.0 |

| 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 | 5270 | 17.6 | 0.1 | 17.7 | 17.7 | 17.7 | 17.7 |
| Top | 5310 | 13.2 | 0.1 | 13.3 | 12.7 | 13.0 | 13.3 |

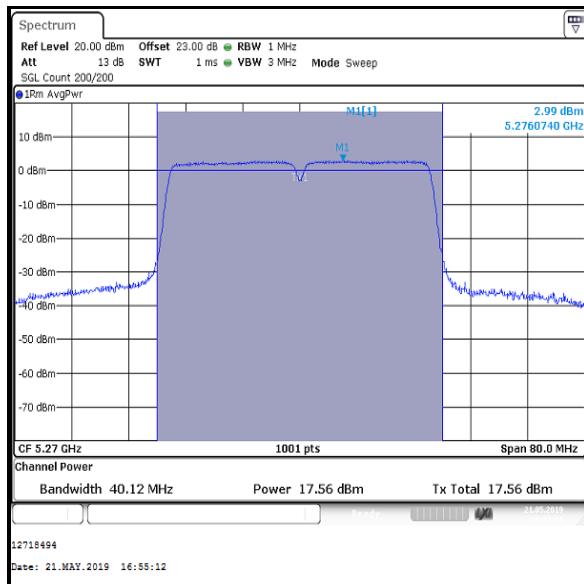
| Channel | Frequency (MHz) | Combined Conducted Power (dBm) | Limit (dBm) | Margin (dB) | Result |
|---------|-----------------|--------------------------------|-------------|-------------|----------|
| Bottom | 5270 | 22.5 | 24.0 | 1.5 | Complied |
| Top | 5310 | 17.8 | 24.0 | 6.2 | Complied |

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

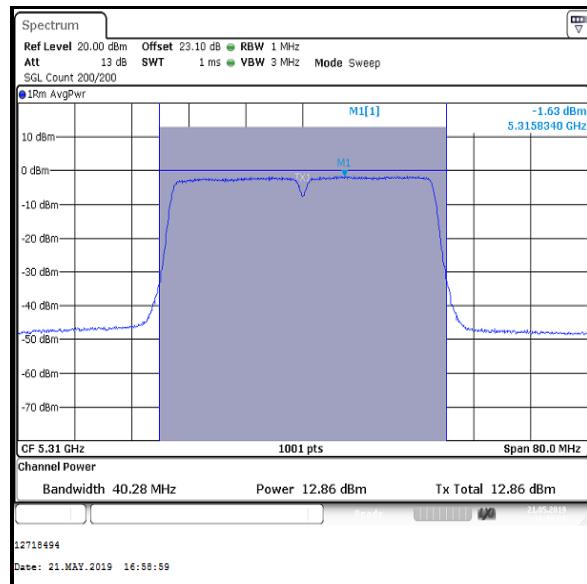
Bottom Channel



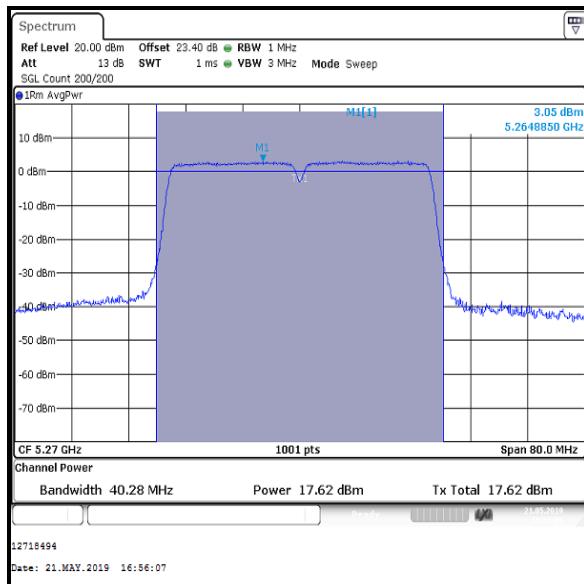
Top Channel

Transmitter Maximum Conducted Output Power (5.25-5.35 GHz band) (continued)**Results: 802.11n / 40 MHz / MIMO / 3Tx SDM / BPSK / MCS16 / Core 1**

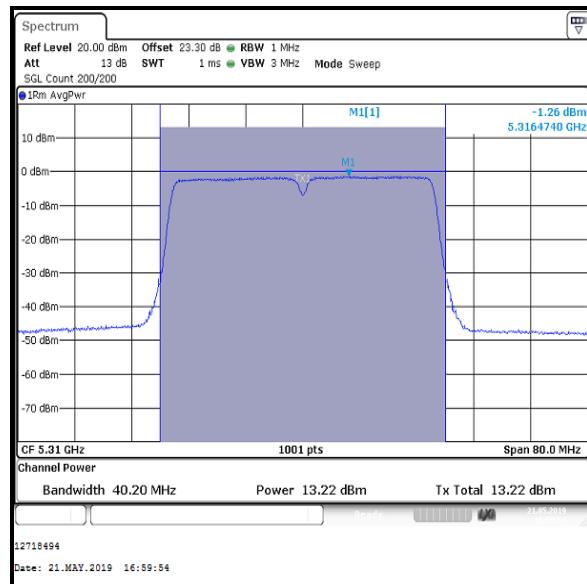
Bottom Channel



Top Channel

Results: 802.11n / 40 MHz / MIMO / 3Tx SDM / BPSK / MCS16 / Core 2

Bottom Channel



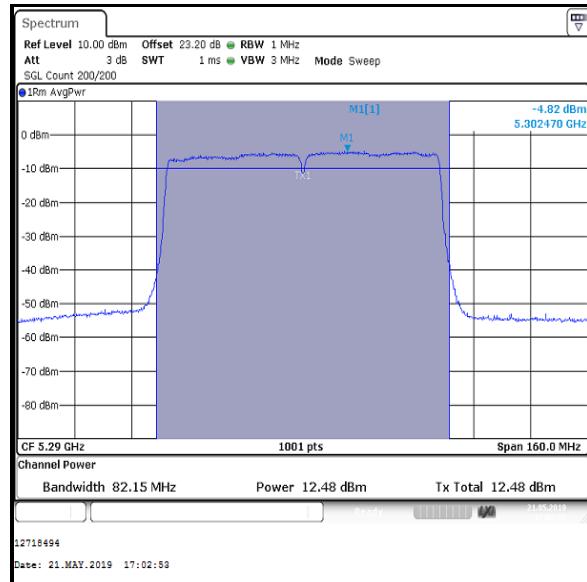
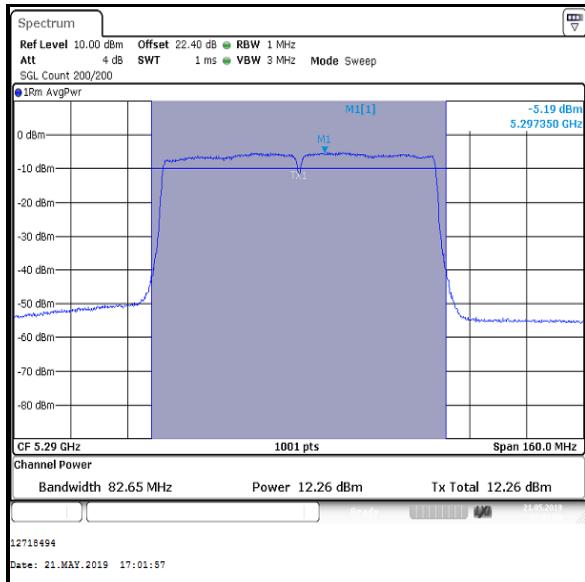
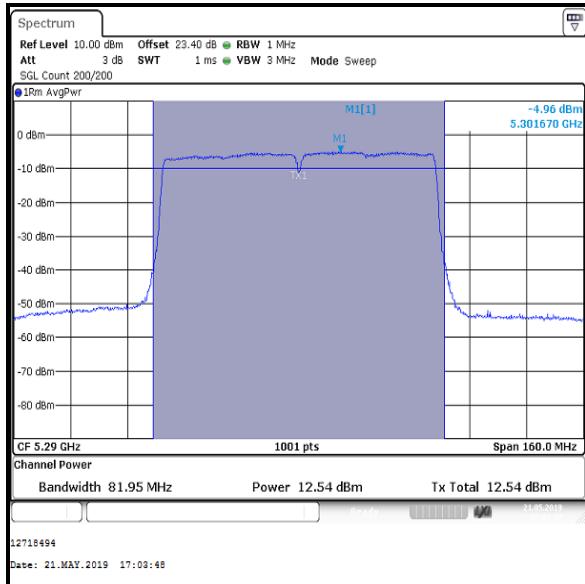
Top Channel

Transmitter Maximum Conducted Output Power (5.25-5.35 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 | 5290 | 12.3 | 0.2 | 12.5 | 12.5 | 0.2 | 12.7 |

| 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 | 5290 | 12.5 | 0.2 | 12.7 | 12.5 | 12.7 | 12.7 |

| Channel | Frequency (MHz) | Combined Conducted Power (dBm) | Limit (dBm) | Margin (dB) | Result |
|---------|-----------------|--------------------------------|-------------|-------------|----------|
| Single | 5290 | 17.4 | 24.0 | 6.6 | Complied |

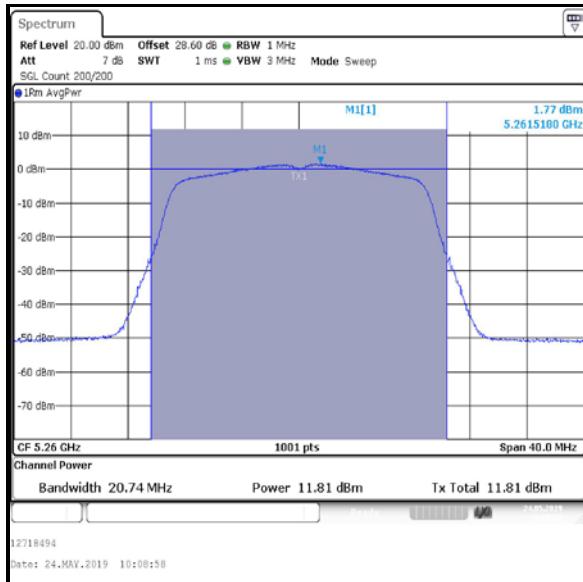
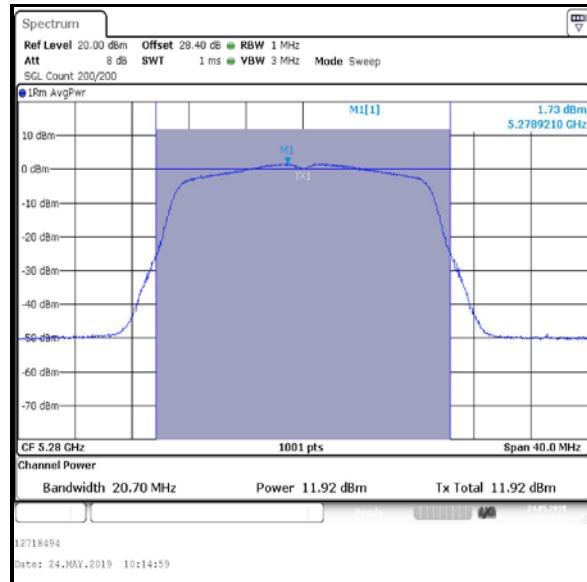
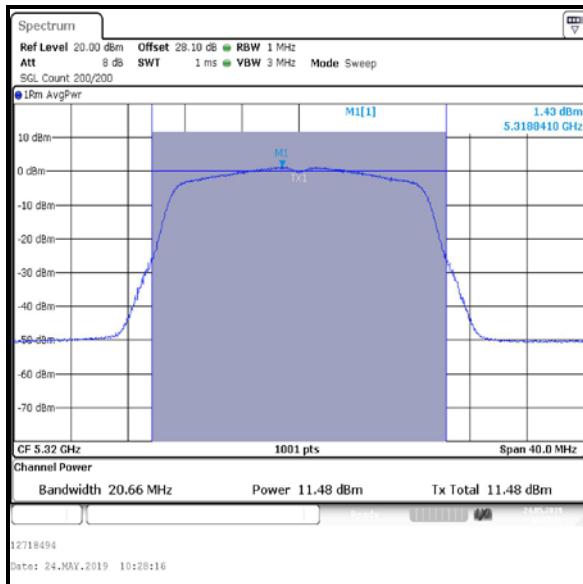
Transmitter Maximum Conducted Output Power (5.25-5.35 GHz band) (continued)**Results: 802.11ac / 80 MHz / MIMO / 3Tx SDM / BPSK / MCS0x3****Single Channel / Core 0****Single Channel / Core 1****Single Channel / Core 2**

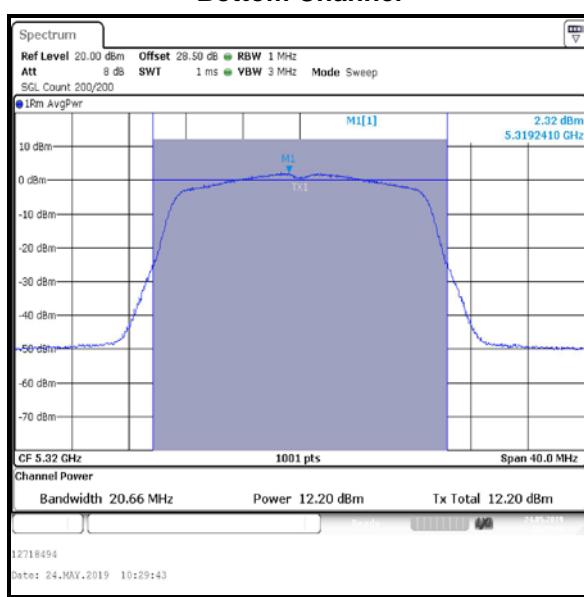
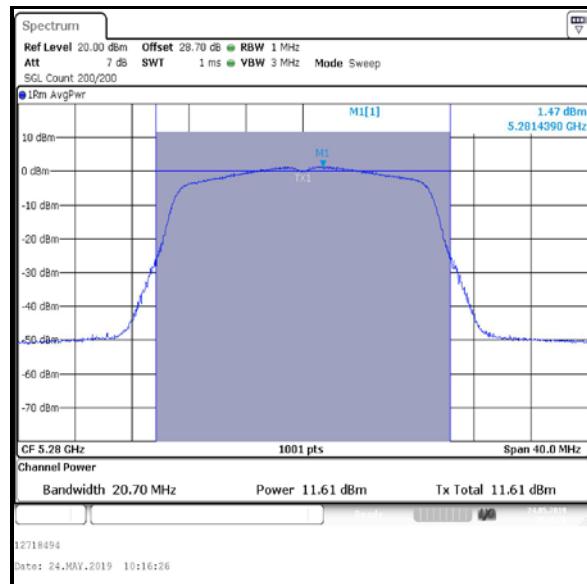
Transmitter Maximum Conducted Output Power (5.25-5.35 GHz band) (continued)**Results: 802.11n / 20 MHz / MIMO / 3Tx TXBF / BPSK / MCS0**

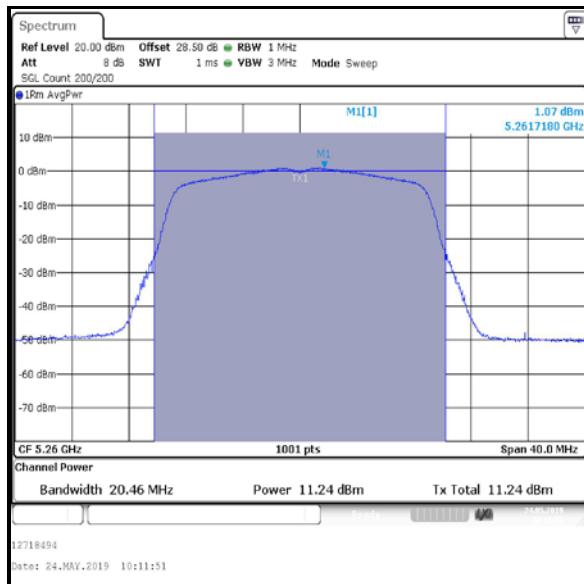
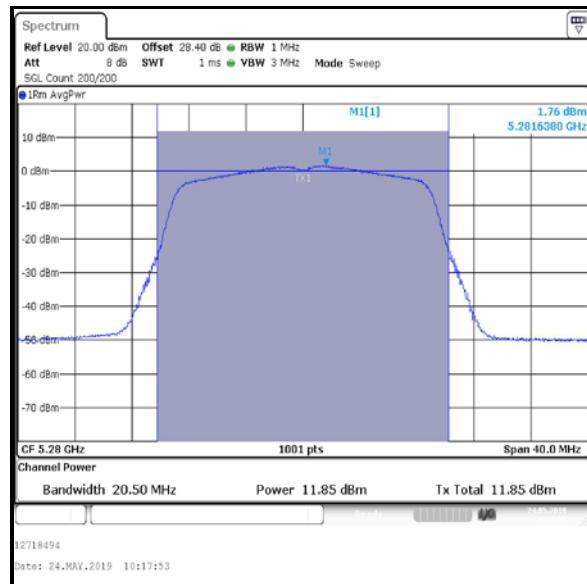
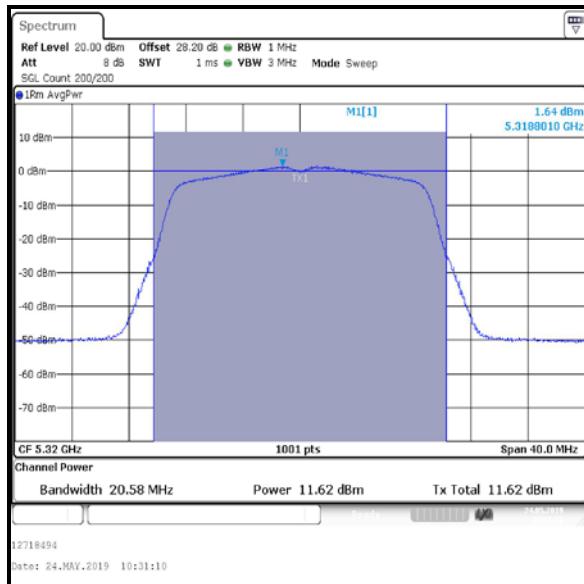
| Channel | Frequency (MHz) | Core 0 | | | Core 1 | | |
|---------|-----------------|-----------------------|-----------------------------------|---------------------------------|-----------------------|-----------------------------------|---------------------------------|
| | | Conducted Power (dBm) | Duty Cycle correction factor (dB) | Corrected Conducted Power (dBm) | Conducted Power (dBm) | Duty Cycle correction factor (dB) | Corrected Conducted Power (dBm) |
| Bottom | 5260 | 11.8 | 0.1 | 11.9 | 10.9 | 0.1 | 11.0 |
| Middle | 5280 | 11.9 | 0.1 | 12.0 | 11.6 | 0.1 | 11.7 |
| Top | 5320 | 11.5 | 0.1 | 11.6 | 12.2 | 0.1 | 12.3 |

| 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 | 5260 | 11.2 | 0.1 | 11.3 | 11.9 | 11.0 | 11.3 |
| Middle | 5280 | 11.9 | 0.1 | 12.1 | 12.0 | 11.7 | 12.1 |
| Top | 5320 | 11.6 | 0.1 | 11.7 | 11.6 | 12.3 | 11.7 |

| Channel | Frequency (MHz) | Combined Conducted Power (dBm) | Limit (dBm) | Margin (dB) | Result |
|---------|-----------------|--------------------------------|-------------|-------------|----------|
| Bottom | 5260 | 16.2 | 20.8 | 4.6 | Complied |
| Middle | 5280 | 16.7 | 20.8 | 4.1 | Complied |
| Top | 5320 | 16.6 | 20.8 | 4.2 | Complied |

Transmitter Maximum Conducted Output Power (5.25-5.35 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 (5.25-5.35 GHz band) (continued)**Results: 802.11n / 20 MHz / MIMO / 3Tx TXBF / BPSK / MCS0 / Core 1**

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

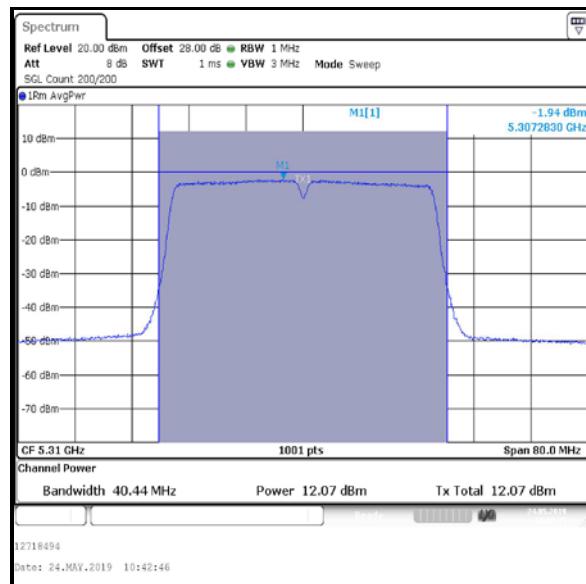
| Channel | Frequency (MHz) | Core 0 | | | Core 1 | | |
|---------|-----------------|-----------------------|-----------------------------------|---------------------------------|-----------------------|-----------------------------------|---------------------------------|
| | | Conducted Power (dBm) | Duty Cycle correction factor (dB) | Corrected Conducted Power (dBm) | Conducted Power (dBm) | Duty Cycle correction factor (dB) | Corrected Conducted Power (dBm) |
| Bottom | 5270 | 13.8 | 0.1 | 13.9 | 13.5 | 0.1 | 13.6 |
| Top | 5310 | 12.1 | 0.1 | 12.2 | 12.4 | 0.1 | 12.5 |

| 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 | 5270 | 13.5 | 0.1 | 13.6 | 13.9 | 13.6 | 13.6 |
| Top | 5310 | 12.5 | 0.1 | 12.6 | 12.2 | 12.5 | 12.6 |

| Channel | Frequency (MHz) | Combined Conducted Power (dBm) | Limit (dBm) | Margin (dB) | Result |
|---------|-----------------|--------------------------------|-------------|-------------|----------|
| Bottom | 5270 | 18.5 | 20.8 | 2.3 | Complied |
| Top | 5310 | 17.2 | 20.8 | 3.6 | Complied |

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

Bottom Channel



Top Channel