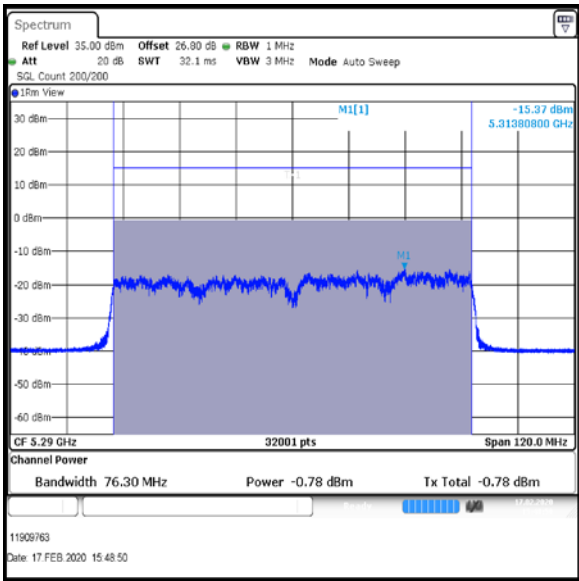


Transmitter Maximum Conducted Output Power (continued)
Results: 802.11ac / HT80 / MCS2 / MIMO / Port 1+2+3 / PWL 13 / 9 dBi Antenna / Port 2

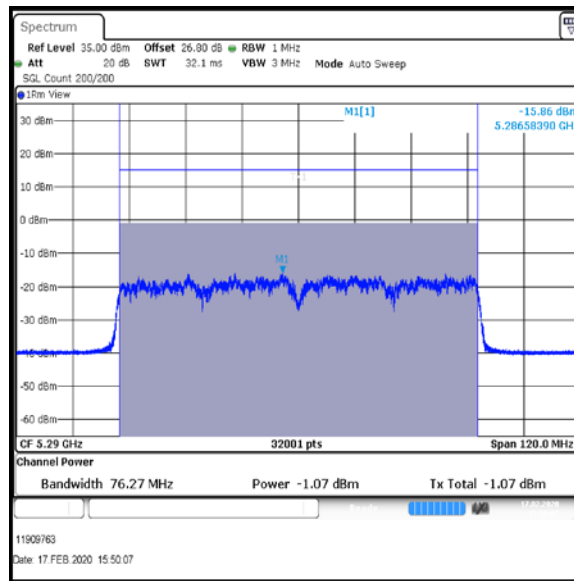


Single Channel

Result: **Pass**

Transmitter Maximum Conducted Output Power (continued)

Results: 802.11ac / HT80 / MCS2 / MIMO / Port 1+2+3 / PWL 13 / 9 dBi Antenna / Port 3



Single Channel

Result: Pass

5.2.5. Transmitter Maximum Power Spectral Density

Test Summary:

Test Engineer:	Krume Ivanov & Sercan Usta	Test Dates:	15 February 2020 to 5 March 2020
Test Sample Serial Number:	192.168.0.65		
Test Site Identification	SR 9		

FCC Reference:	Part 15.407(a)(2)
Test Method Used:	KDB 789033 D02 Section II.F. referencing II.E.2.d) KDB 662911 D01 Section E) 2) a)

Environmental Conditions:

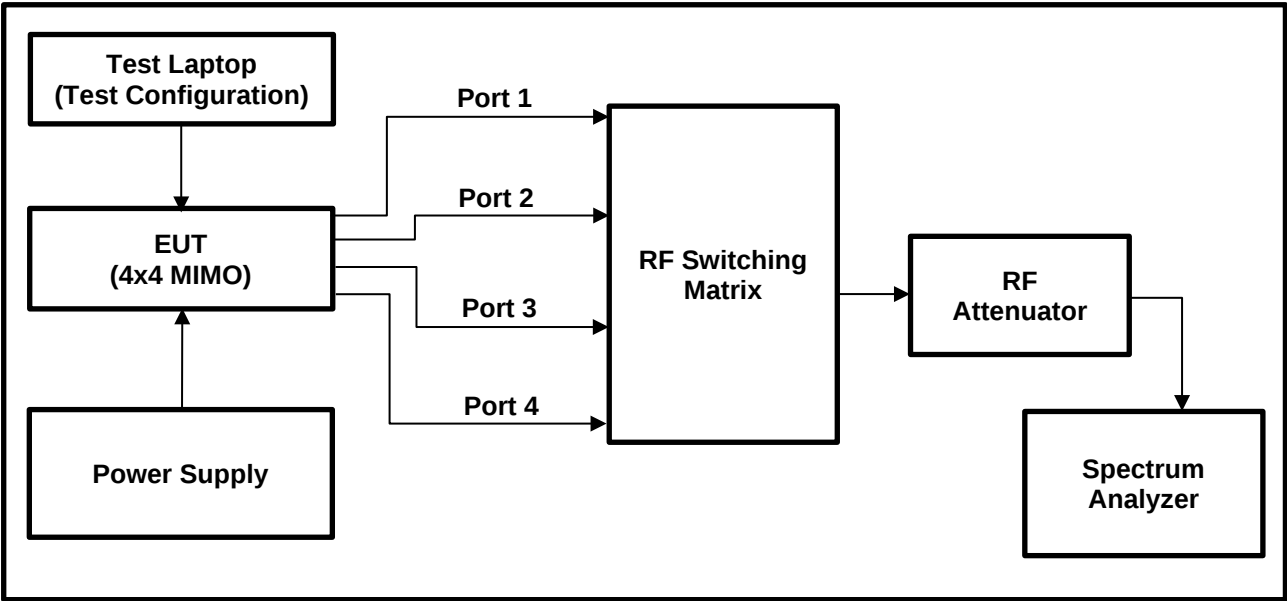
Temperature (°C):	20 to 27
Relative Humidity (%):	24 to 38

Notes:

1. Transmitter Maximum Power Spectral Density tests in all bands were performed using a test receiver in accordance with KDB 789033 II. F referencing II.E.2.d)
2. Method SA-2 : 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 300 traces performed. The span was set to encompass the entire 99% occupied bandwidth. The Power Spectral Density was measured by placing a marker on the peak of the signal.
3. For all data rates where the EUT was transmitting at <98% duty cycle, the calculated duty cycle in section 5.2.3 was added to the measured maximum power spectral density in order to compute the average maximum power spectral density during the actual transmission time.
4. The RF port on the EUT was connected to the spectrum analyser using suitable attenuation and RF cable. The measured values takes into consideration the external attenuation correction factors which is compensated by adding reference level offset of 26.80 dB@ 5.25-5.35 GHz to each of the conducted plots.
5. For all MIMO modes, PSD was measured across each relevant port and then combined using the measure-and-sum spectra across the outputs technique, stated in FCC KDB 662911 D01 Section E)2)a).
6. In accordance with 15.407(a)(2) maximum power spectral density shall not exceed 11 dBm in any 1 MHz band.
7. The EUT antennas have a directional gain of > 6 dBi.
8. In accordance with 15.407(a)(2), transmitting antennas of directional gain greater than 6 dBi are used, the maximum power spectral density shall be reduced by the amount in dB that the directional gain of the antenna exceeds 6 dBi.
9. Therefore reduced PSD limits are as follows:
9 dBi Antenna :
 - o SISO Port 1: limit of 11 dBm / 1 MHz has been reduced by 3 dB to 8 dBm / 1 MHz
 - o MIMO Port1+2: limit of 11 dBm / 1 MHz reduced by 3 dB + 10 Log (2) to 4.9 dBm/ 1 MHz
 - o MIMO Port1+2+3: limit of 11 dBm / 1 MHz reduced by 3 dB + 10 Log (3) to 3.2 dBm/1MHz

Transmitter Maximum Power Spectral Density (continued)

Test setup:

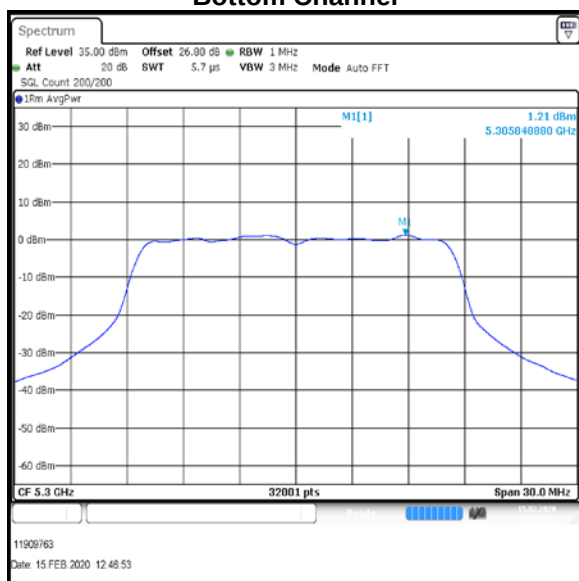
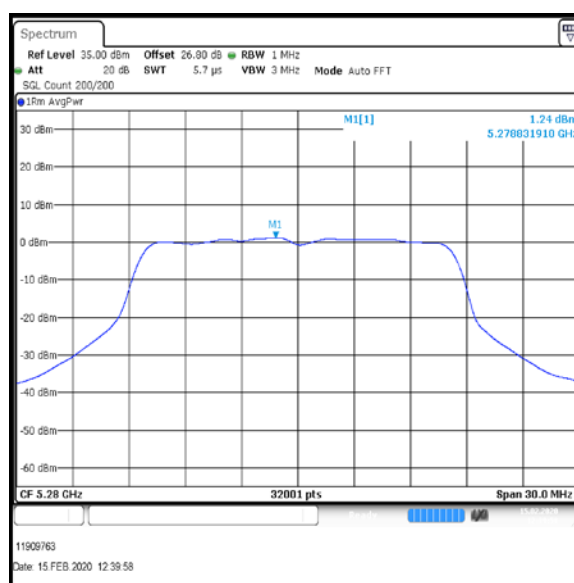
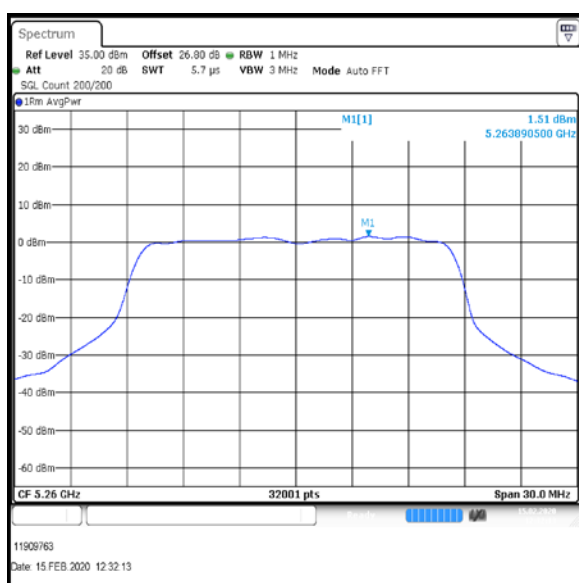


Transmitter Maximum Power Spectral Density (continued)

Results: 802.11a / 20 MHz / 48Mbit / SISO / Port 1 / PWL 17 / 9 dBi Antenna

Channel	Port 1 PSD (dBm/MHz)	Duty Cycle Correction (dB)	Port 1 Corrected PSD (dBm/MHz)	Limit (dBm/MHz)	Margin (dB)	Result
Bottom	1.5	1.8	3.3	8	4.7	Complied
Middle	1.2	1.8	3.0	8	5.0	Complied
Top-1	1.2	1.8	3.0	8	5.0	Complied

Results: 802.11a / 20 MHz / 48Mbit / SISO / Port 1 / PWL 17 / 9 dBi Antenna / Port 1



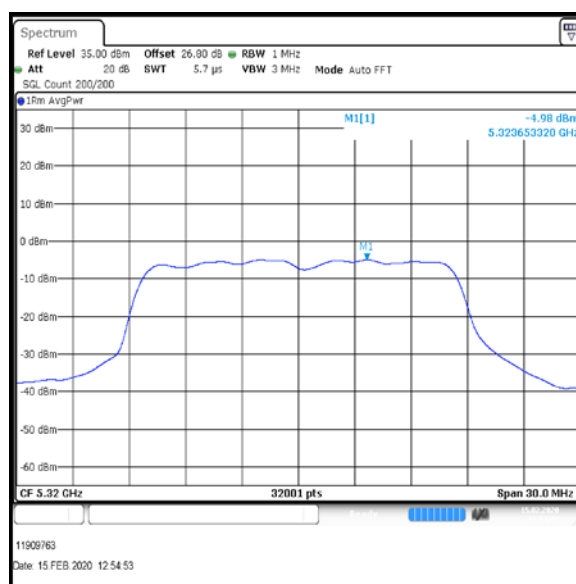
Result: Pass

Transmitter Maximum Power Spectral Density (continued)

Results: 802.11a / 20 MHz / 48Mbit / SISO / Port 1 / PWL 12 / 9 dBi Antenna

Channel	Port 1 PSD (dBm/MHz)	Duty Cycle Correction (dB)	Port 1 Corrected PSD (dBm/MHz)	Limit (dBm/MHz)	Margin (dB)	Result
Top	-5.0	1.8	-3.2	8	11.2	Complied

Results: 802.11a / 20 MHz / 48Mbit / SISO / Port 1 / PWL 12 / 9 dBi Antenna / Port 1



Top Channel

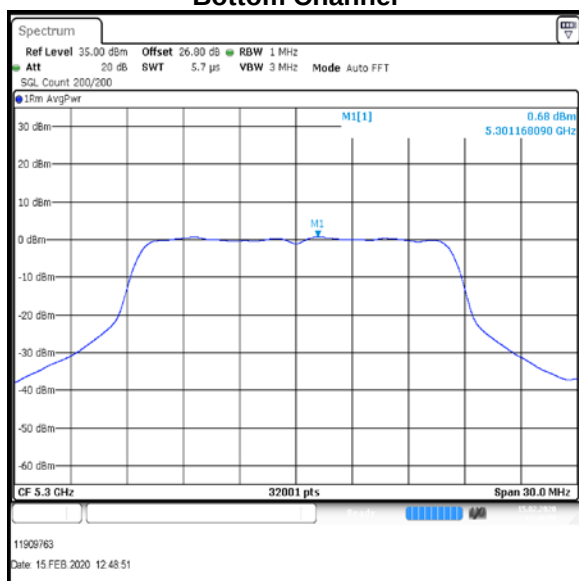
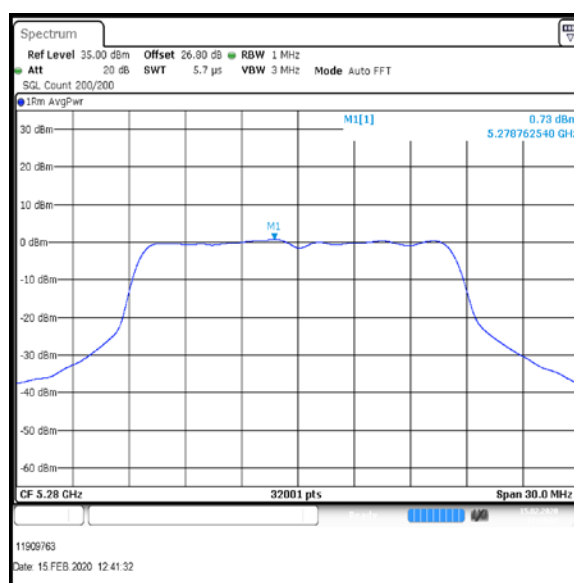
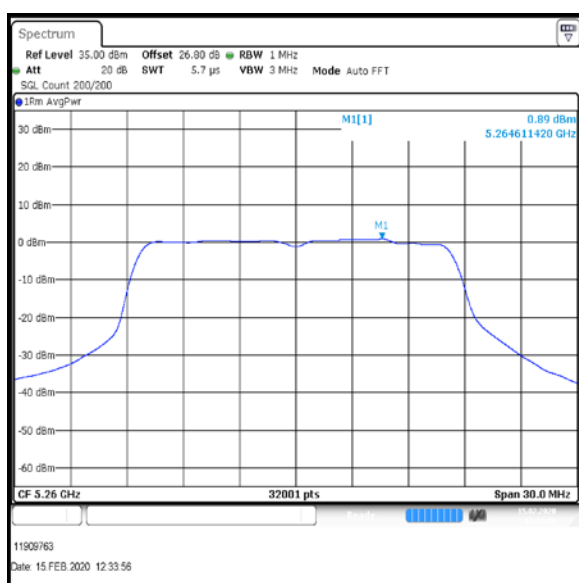
Result: **Pass**

Transmitter Maximum Power Spectral Density (continued)

Results: 802.11a / 20 MHz / 54Mbit / SISO / Port 1 / PWL 17 / 9 dBi Antenna

Channel	Port 1 PSD (dBm/MHz)	Duty Cycle Correction (dB)	Port 1 Corrected PSD (dBm/MHz)	Limit (dBm/MHz)	Margin (dB)	Result
Bottom	0.9	1.8	2.7	8	5.3	Complied
Middle	0.7	1.8	2.5	8	5.5	Complied
Top-1	0.7	1.8	2.5	8	5.5	Complied

Results: 802.11a / 20 MHz / 54Mbit / SISO / Port 1 / PWL 17 / 9 dBi Antenna / Port 1



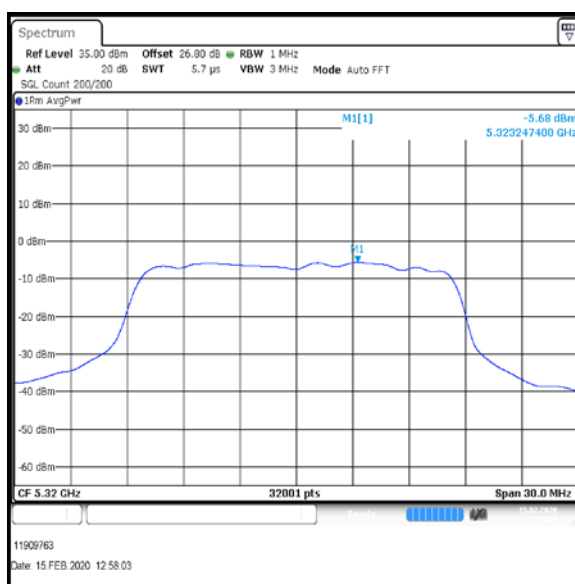
Result: **Pass**

Transmitter Maximum Power Spectral Density (continued)

Results: 802.11a / 20 MHz / 54Mbit / SISO / Port 1 / PWL 12 / 9 dBi Antenna

Channel	Port 1 PSD (dBm/MHz)	Duty Cycle Correction (dB)	Port 1 Corrected PSD (dBm/MHz)	Limit (dBm/MHz)	Margin (dB)	Result
Top	-5.7	1.8	-3.9	8	11.9	Complied

Results: 802.11a / 20 MHz / 54Mbit / SISO / Port 1 / PWL 12 / 9 dBi Antenna / Port 1



Top Channel

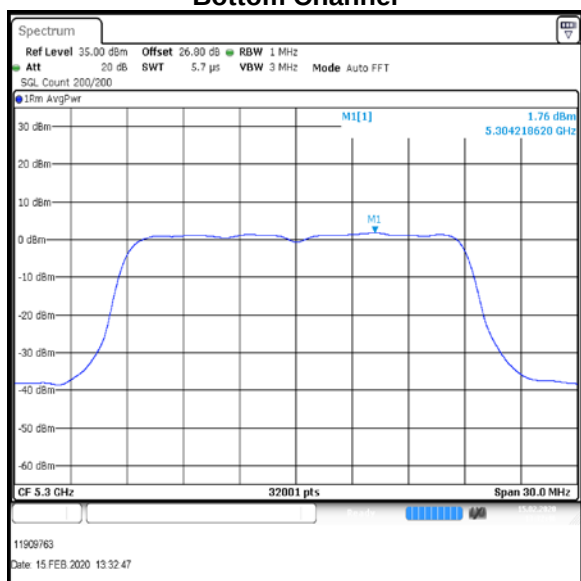
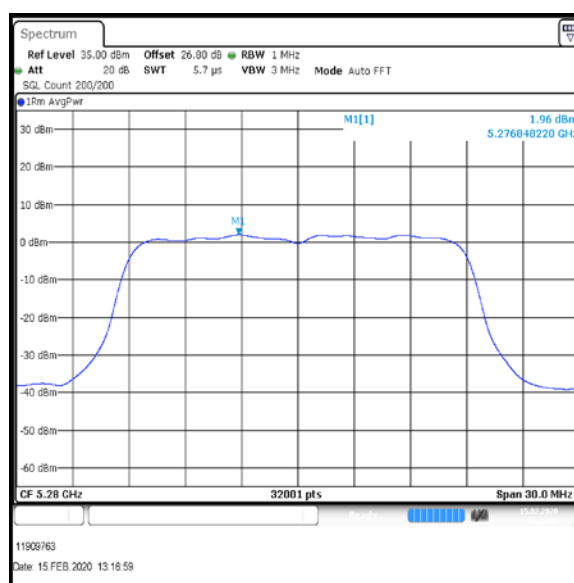
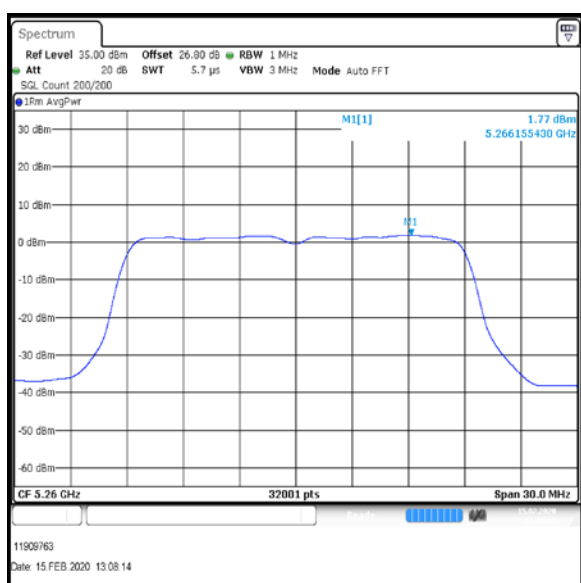
Result: **Pass**

Transmitter Maximum Power Spectral Density (continued)

Results: 802.11n / HT20 / MCS2 / SISO / Port 1 / PWL 17 / 9 dBi Antenna

Channel	Port 1 PSD (dBm/MHz)	Duty Cycle Correction (dB)	Port 1 Corrected PSD (dBm/MHz)	Limit (dBm/MHz)	Margin (dB)	Result
Bottom	1.8	1.0	2.8	8	5.2	Complied
Middle	2.0	1.0	3.0	8	5.0	Complied
Top-1	1.8	1.0	2.8	8	5.2	Complied

Results: 802.11n / HT20 / MCS2 / SISO / Port 1 / PWL 17 / 9 dBi Antenna / Port 1



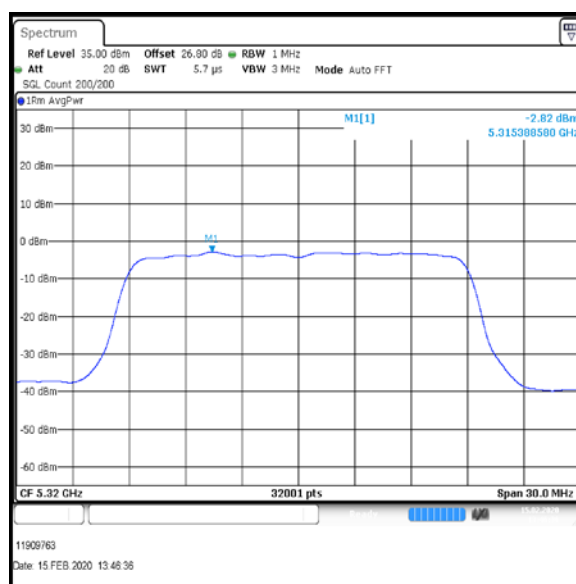
Result: **Pass**

Transmitter Maximum Power Spectral Density (continued)

Results: 802.11n / HT20 / MCS2 / SISO / Port 1 / PWL 12 / 9 dBi Antenna

Channel	Port 1 PSD (dBm/MHz)	Duty Cycle Correction (dB)	Port 1 Corrected PSD (dBm/MHz)	Limit (dBm/MHz)	Margin (dB)	Result
Top	-2.8	1.0	-1.8	8	9.8	Complied

Results: 802.11n / HT20 / MCS2 / SISO / Port 1 / PWL 12 / 9 dBi Antenna / Port 1



Top Channel

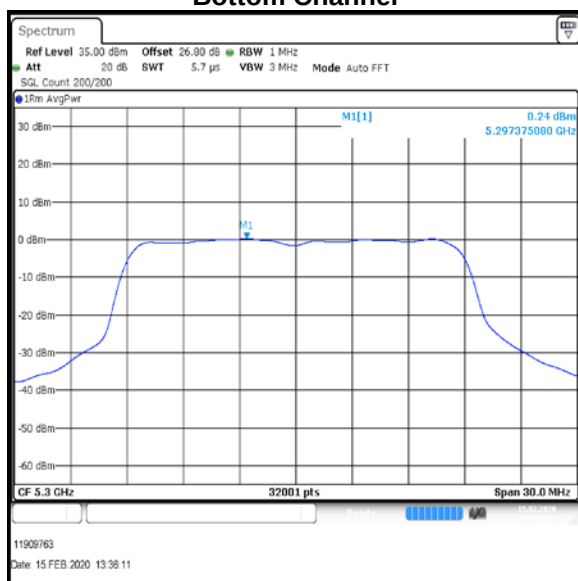
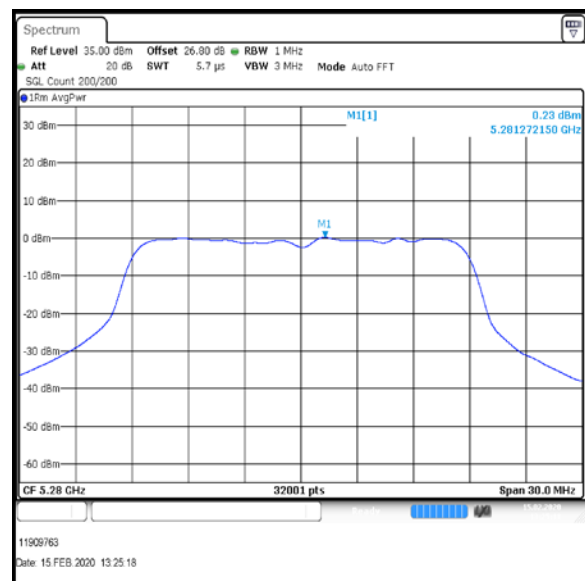
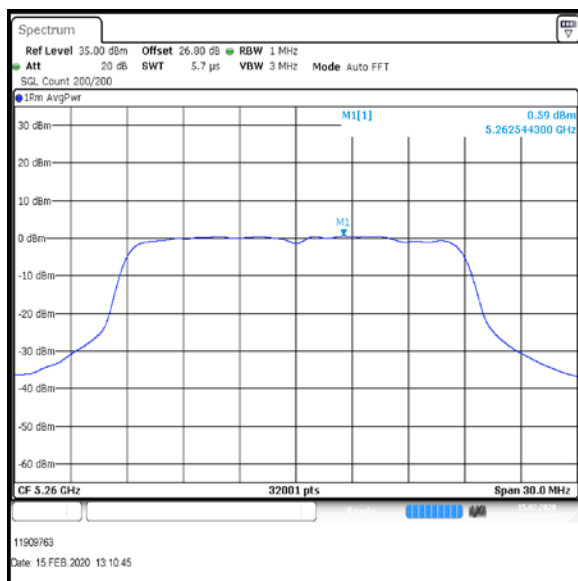
Result: Pass

Transmitter Maximum Power Spectral Density (continued)

Results: 802.11n / HT20 / MCS6 / SISO / Port 1 / PWL 17 / 9 dBi Antenna

Channel	Port 1 PSD (dBm/MHz)	Duty Cycle Correction (dB)	Port 1 Corrected PSD (dBm/MHz)	Limit (dBm/MHz)	Margin (dB)	Result
Bottom	0.6	2.1	2.7	8	5.3	Complied
Middle	0.2	2.1	2.3	8	5.7	Complied
Top-1	0.2	2.1	2.3	8	5.7	Complied

Results: 802.11n / HT20 / MCS6 / SISO / Port 1 / PWL 17 / 9 dBi Antenna / Port 1



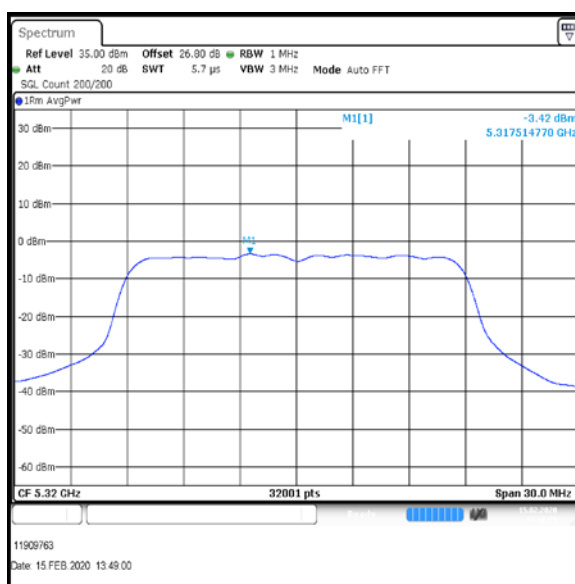
Result: **Pass**

Transmitter Maximum Power Spectral Density (continued)

Results: 802.11n / HT20 / MCS6 / SISO / Port 1 / PWL 12 / 9 dBi Antenna

Channel	Port 1 PSD (dBm/MHz)	Duty Cycle Correction (dB)	Port 1 Corrected PSD (dBm/MHz)	Limit (dBm/MHz)	Margin (dB)	Result
Top	-3.4	2.1	-1.3	8	9.3	Complied

Results: 802.11n / HT20 / MCS6 / SISO / Port 1 / PWL 12 / 9 dBi Antenna / Port 1



Top Channel

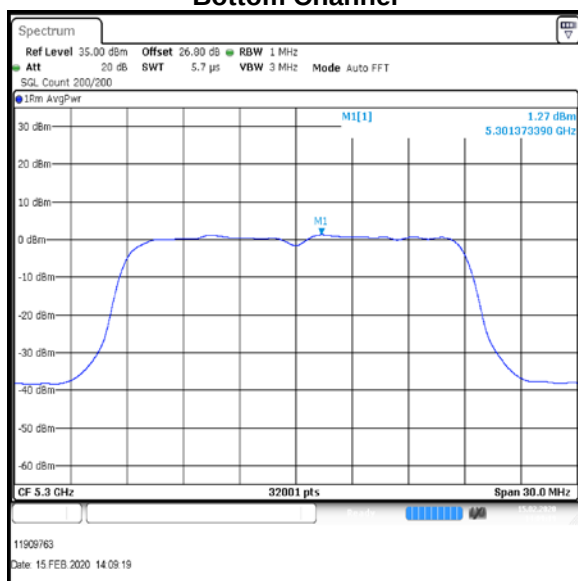
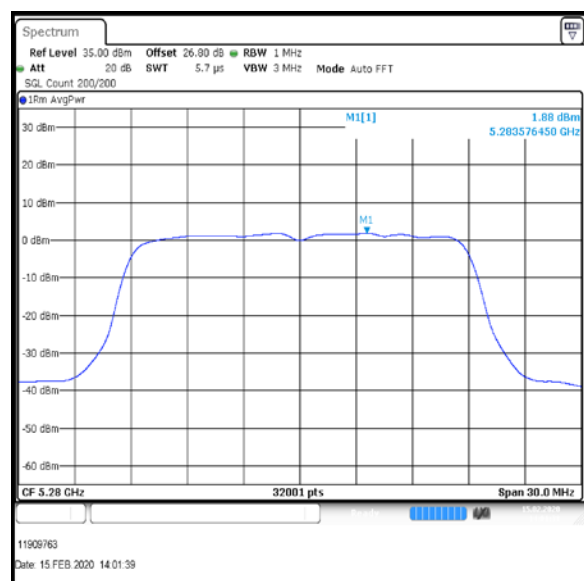
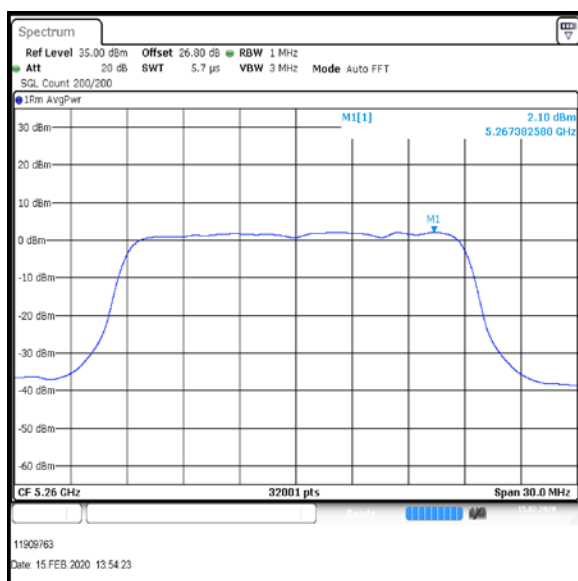
Result: **Pass**

Transmitter Maximum Power Spectral Density (continued)

Results: 802.11ac / HT20 / MCS2 / SISO / Port 1 / PWL 17 / 9 dBi Antenna

Channel	Port 1 PSD (dBm/MHz)	Duty Cycle Correction (dB)	Port 1 Corrected PSD (dBm/MHz)	Limit (dBm/MHz)	Margin (dB)	Result
Bottom	2.1	2.3	4.4	8	3.6	Complied
Middle	1.9	2.3	4.2	8	3.8	Complied
Top-1	1.3	2.3	3.6	8	4.4	Complied

Results: 802.11ac / HT20 / MCS2 / SISO / Port 1 / PWL 17 / 9 dBi Antenna / Port 1



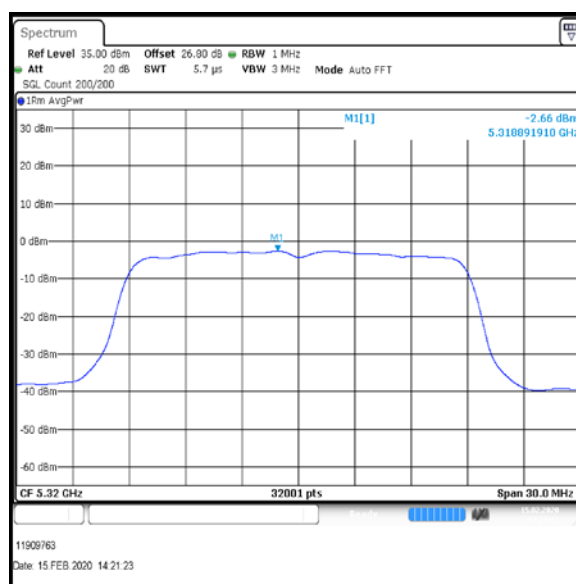
Result: Pass

Transmitter Maximum Power Spectral Density (continued)

Results: 802.11ac / HT20 / MCS2 / SISO / Port 1 / PWL 12 / 9 dBi Antenna

Channel	Port 1 PSD (dBm/MHz)	Duty Cycle Correction (dB)	Port 1 Corrected PSD (dBm/MHz)	Limit (dBm/MHz)	Margin (dB)	Result
Top	-2.7	2.3	-0.4	8	8.4	Complied

Results: 802.11ac / HT20 / MCS2 / SISO / Port 1 / PWL 12 / 9 dBi Antenna / Port 1



Top Channel

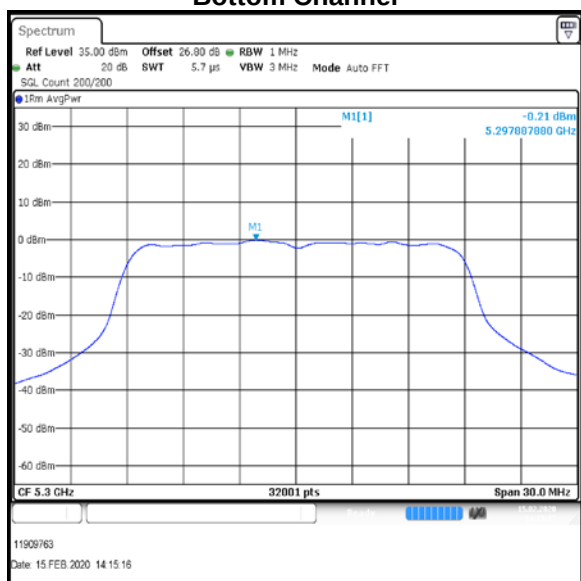
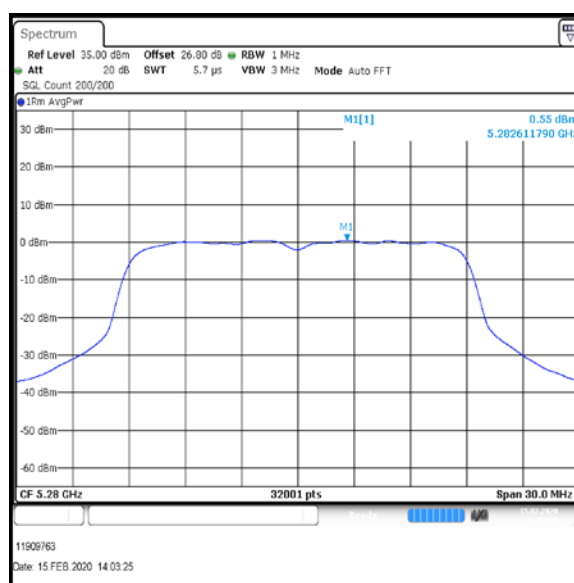
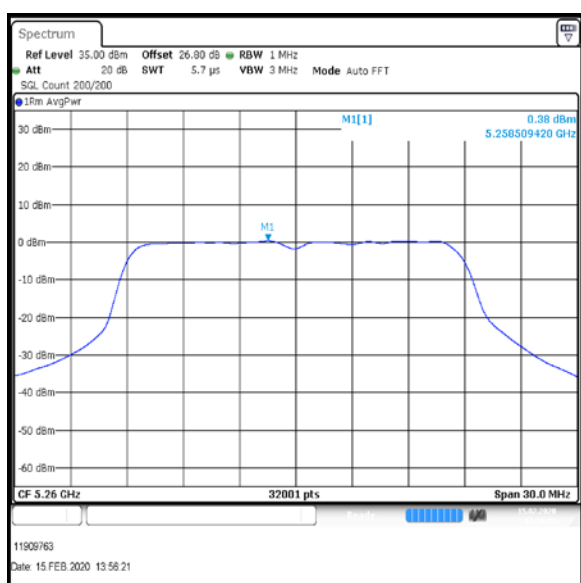
Result: **Pass**

Transmitter Maximum Power Spectral Density (continued)

Results: 802.11ac / HT20 / MCS6 / SISO / Port 1 / PWL 17 / 9 dBi Antenna

Channel	Port 1 PSD (dBm/MHz)	Duty Cycle Correction (dB)	Port 1 Corrected PSD (dBm/MHz)	Limit (dBm/MHz)	Margin (dB)	Result
Bottom	0.4	2.7	3.1	8	4.9	Complied
Middle	0.6	2.7	3.3	8	4.7	Complied
Top-1	-0.2	2.7	2.5	8	5.5	Complied

Results: 802.11ac / HT20 / MCS6 / SISO / Port 1 / PWL 17 / 9 dBi Antenna / Port 1



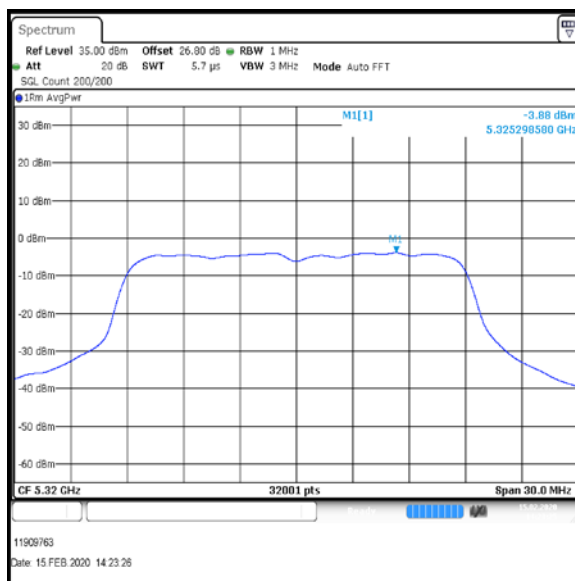
Result: **Pass**

Transmitter Maximum Power Spectral Density (continued)

Results: 802.11ac / HT20 / MCS6 / SISO / Port 1 / PWL 12 / 9 dBi Antenna

Channel	Port 1 PSD (dBm/MHz)	Duty Cycle Correction (dB)	Port 1 Corrected PSD (dBm/MHz)	Limit (dBm/MHz)	Margin (dB)	Result
Top	-3.9	2.7	-1.2	8	9.2	Complied

Results: 802.11ac / HT20 / MCS6 / SISO / Port 1 / PWL 12 / 9 dBi Antenna / Port 1



Top Channel

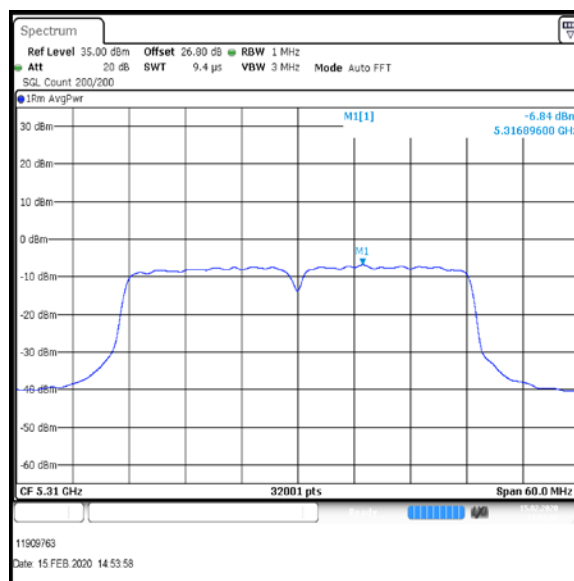
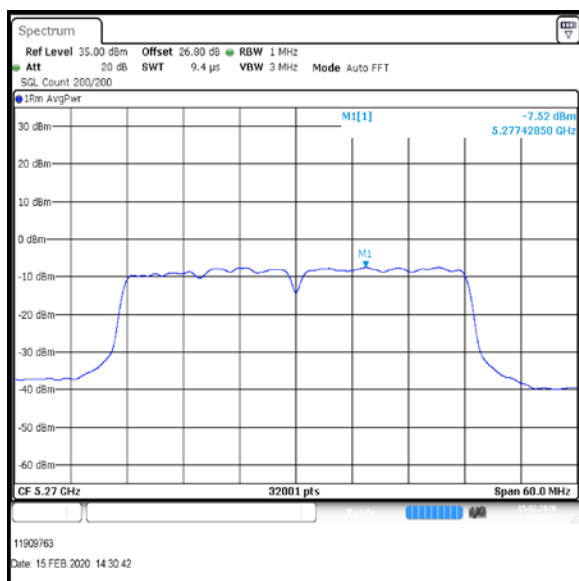
Result: **Pass**

Transmitter Maximum Power Spectral Density (continued)

Results: 802.11n / HT40 / MCS3 / SISO / Port 1 / PWL 12 / 9 dBi Antenna

Channel	Port 1 PSD (dBm/MHz)	Duty Cycle Correction (dB)	Port 1 Corrected PSD (dBm/MHz)	Limit (dBm/MHz)	Margin (dB)	Result
Bottom	-7.5	2.3	-5.2	8	13.2	Complied
Top	-6.8	2.3	-4.5	8	12.5	Complied

Results: 802.11n / HT40 / MCS3 / SISO / Port 1 / PWL 12 / 9 dBi Antenna / Port 1



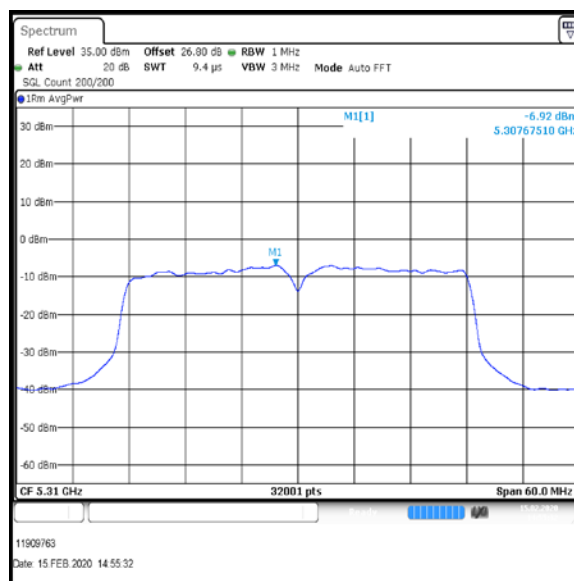
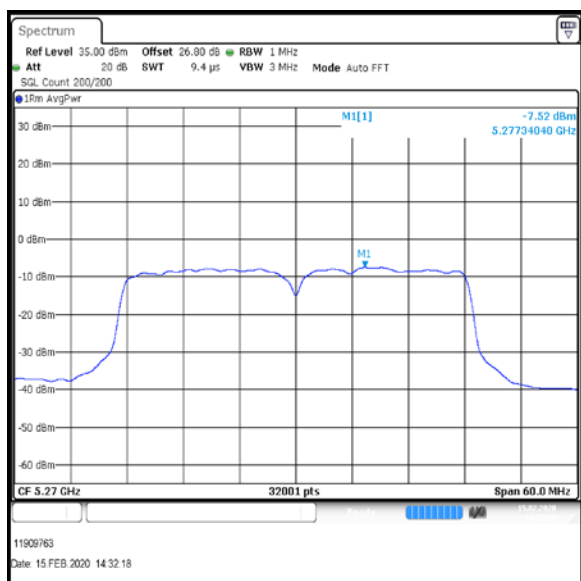
Result: **Pass**

Transmitter Maximum Power Spectral Density (continued)

Results: 802.11n / HT40 / MCS4 / SISO / Port 1 / PWL 12 / 9 dBi Antenna

Channel	Port 1 PSD (dBm/MHz)	Duty Cycle Correction (dB)	Port 1 Corrected PSD (dBm/MHz)	Limit (dBm/MHz)	Margin (dB)	Result
Bottom	-7.5	2.7	-4.8	8	12.8	Complied
Top	-6.9	2.7	-4.2	8	12.2	Complied

Results: 802.11n / HT40 / MCS4 / SISO / Port 1 / PWL 12 / 9 dBi Antenna / Port 1



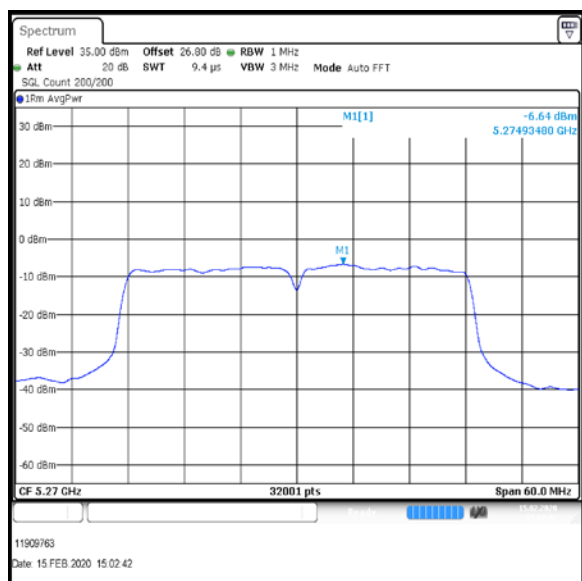
Result: **Pass**

Transmitter Maximum Power Spectral Density (continued)

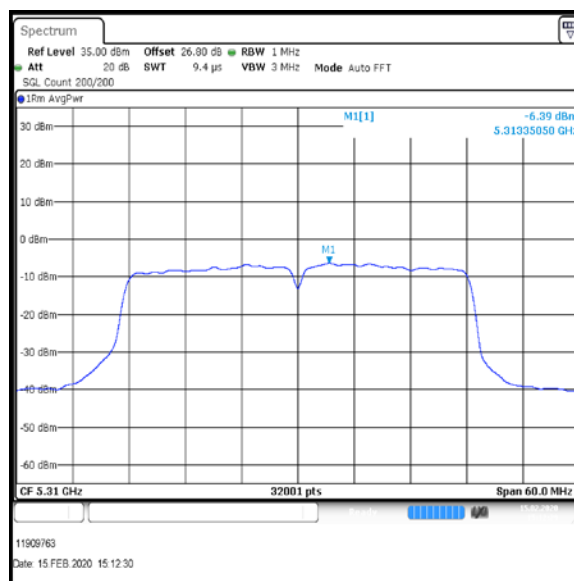
Results: 802.11ac / HT40 / MCS3 / SISO / Port 1 / PWL 12 / 9 dBi Antenna

Channel	Port 1 PSD (dBm/MHz)	Duty Cycle Correction (dB)	Port 1 Corrected PSD (dBm/MHz)	Limit (dBm/MHz)	Margin (dB)	Result
Bottom	-6.6	1.6	-5.0	8	13.0	Complied
Top	-6.4	1.6	-4.8	8	12.8	Complied

Results: 802.11ac / HT40 / MCS3 / SISO / Port 1 / PWL 12 / 9 dBi Antenna / Port 1



Bottom Channel



Top Channel

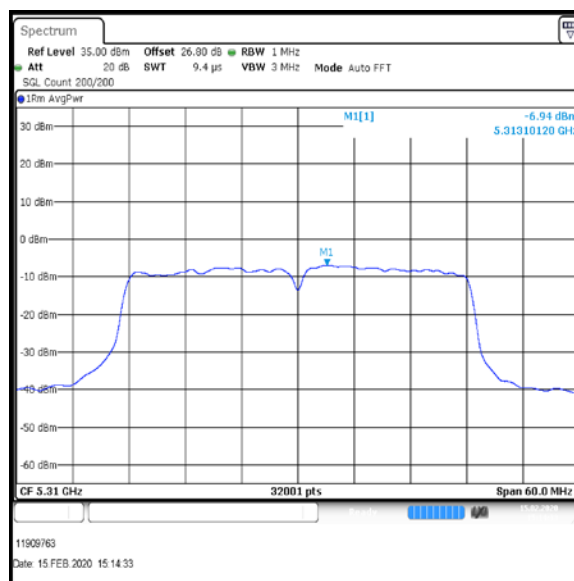
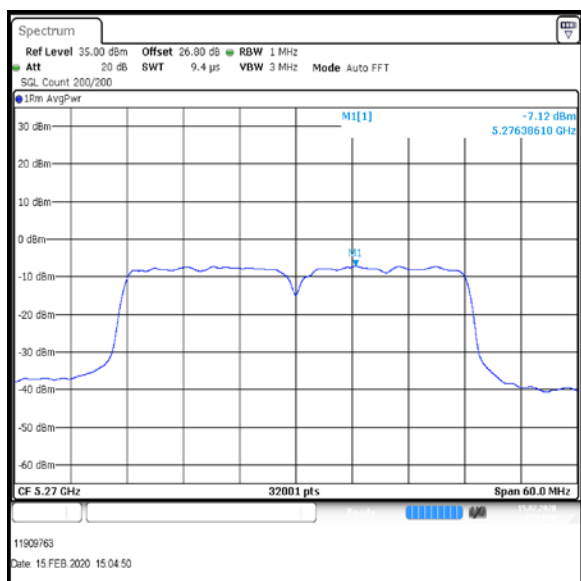
Result: **Pass**

Transmitter Maximum Power Spectral Density (continued)

Results: 802.11ac / HT40 / MCS4 / SISO / Port 1 / PWL 12 / 9 dBi Antenna

Channel	Port 1 PSD (dBm/MHz)	Duty Cycle Correction (dB)	Port 1 Corrected PSD (dBm/MHz)	Limit (dBm/MHz)	Margin (dB)	Result
Bottom	-7.1	1.7	-5.4	8	13.4	Complied
Top	-6.9	1.7	-5.2	8	13.2	Complied

Results: 802.11ac / HT40 / MCS4 / SISO / Port 1 / PWL 12 / 9 dBi Antenna / Port 1



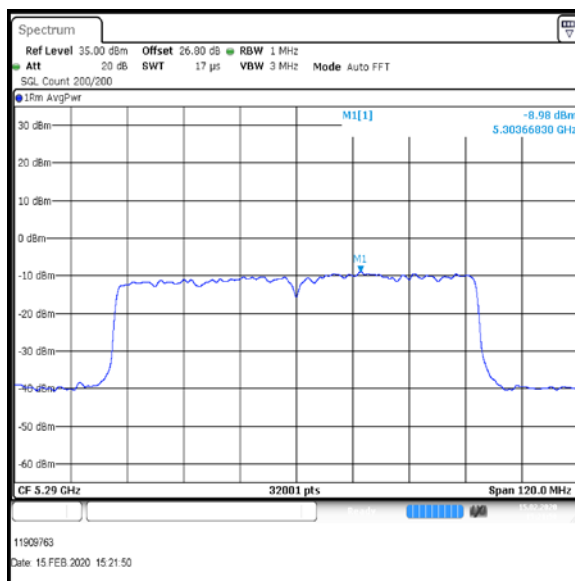
Result: **Pass**

Transmitter Maximum Power Spectral Density (continued)

Results: 802.11ac / HT80 / MCS1 / SISO / Port 1 / PWL 12 / 9 dBi Antenna

Channel	Port 1 PSD (dBm/MHz)	Duty Cycle Correction (dB)	Port 1 Corrected PSD (dBm/MHz)	Limit (dBm/MHz)	Margin (dB)	Result
Single	-9.0	2.9	-6.1	8	14.1	Complied

Results: 802.11ac / HT80 / MCS1 / SISO / Port 1 / PWL 12 / 9 dBi Antenna / Port 1



Single Channel

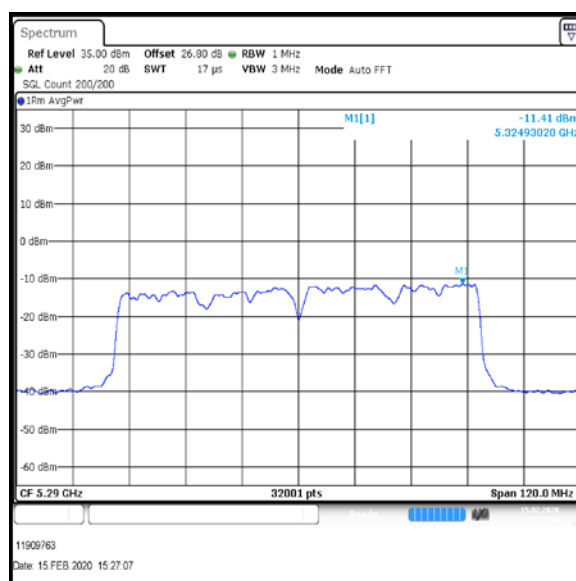
Result: **Pass**

Transmitter Maximum Power Spectral Density (continued)

Results: 802.11ac / HT80 / MCS8 / SISO / Port 1 / PWL 12 / 9 dBi Antenna

Channel	Port 1 PSD (dBm/MHz)	Duty Cycle Correction (dB)	Port 1 Corrected PSD (dBm/MHz)	Limit (dBm/MHz)	Margin (dB)	Result
Single	-11.4	3.3	-8.1	8	16.1	Complied

Results: 802.11ac / HT80 / MCS8 / SISO / Port 1 / PWL 12 / 9 dBi Antenna / Port 1



Single Channel

Result: **Pass**

Transmitter Maximum Power Spectral Density (continued)

Results: 802.11a / 20 MHz / 48Mbit / MIMO / Port 1+2 / PWL 18 / 9 dBi Antenna

Channel	Port 1 PSD (dBm/MHz)	Duty Cycle Correction (dB)	Port 1 Corrected PSD (dBm/MHz)	Port 2 PSD (dBm/MHz)	Duty Cycle Correction (dB)	Port 2 Corrected PSD (dBm/MHz)
Bottom	-0.3	1.8	1.5	-0.5	1.8	1.3
Middle	-0.5	1.8	1.3	-0.3	1.8	1.5
Top-1	-1.4	1.8	1.4	-1.0	1.8	0.8

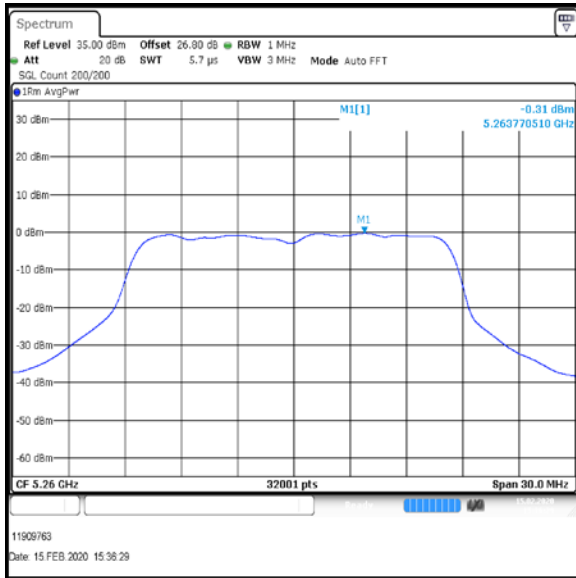
Channel	Corrected PSD Port 1 (dBm/MHz)	Corrected PSD Port 2 (dBm/MHz)	Port 1+2 Combined PSD (dBm/MHz)
Bottom	1.5	1.3	4.2
Middle	1.3	1.5	4.3
Top-1	1.4	0.8	3.1

Channel	Combined Conducted PSD (dBm/MHz)	Limit (dBm/MHz)	Margin (dB)	Result
Bottom	4.2	4.9	0.7	Complied
Middle	4.3	4.9	0.6	Complied
Top-1	3.1	4.9	1.8	Complied

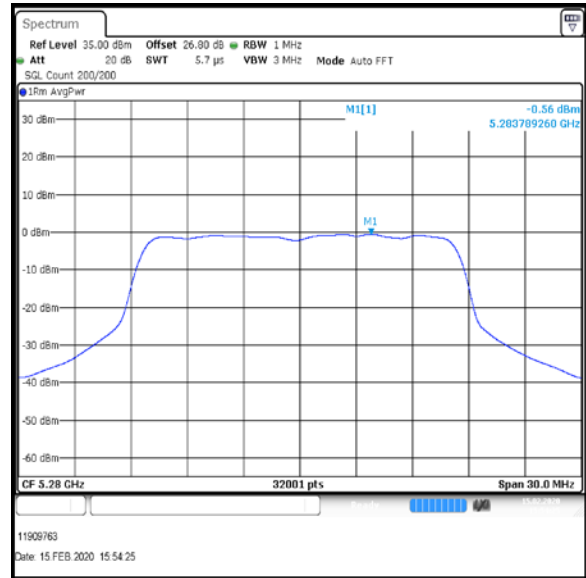
Result: Pass

Transmitter Maximum Power Spectral Density (continued)

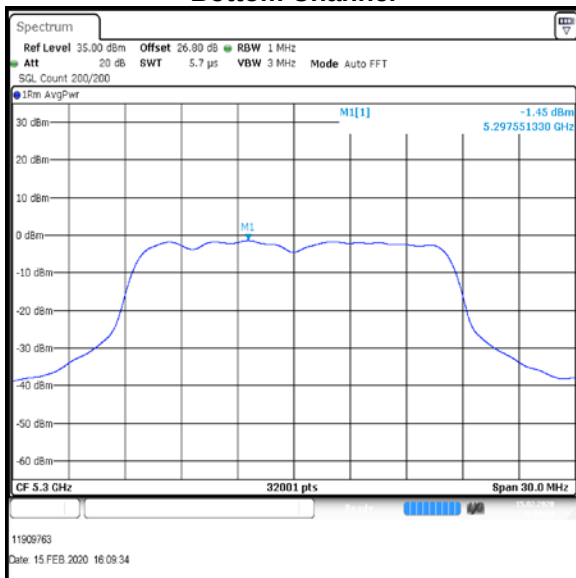
Results: 802.11a / 20 MHz / 48Mbit / MIMO / Port 1+2 / PWL 18 / 9 dBi Antenna / Port 1



Bottom Channel



Middle Channel

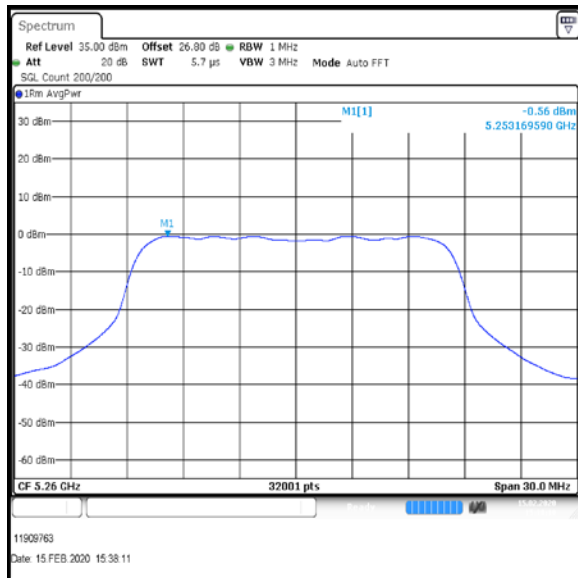


Top-1 Channel

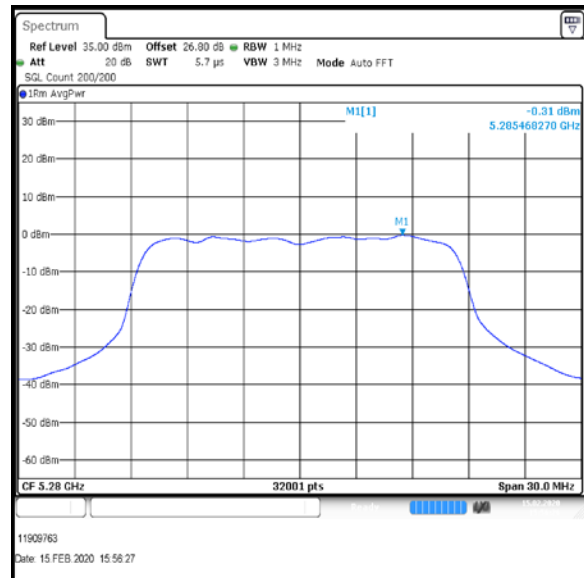
Result: **Pass**

Transmitter Maximum Power Spectral Density (continued)

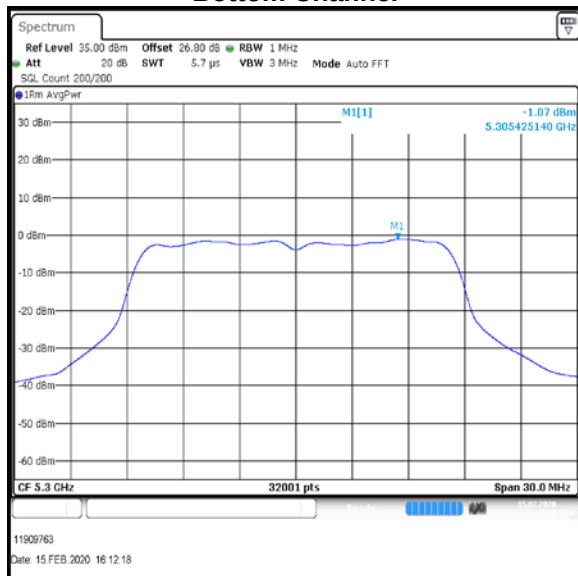
Results: 802.11a / 20 MHz / 48Mbit / MIMO / Port 1+2 / PWL 18 / 9 dBi Antenna / Port 2



Bottom Channel



Middle Channel



Top-1 Channel

Result: **Pass**

Transmitter Maximum Power Spectral Density (continued)

Results: 802.11a / 20 MHz / 48Mbit / MIMO / Port 1+2 / PWL 12 / 9 dBi Antenna

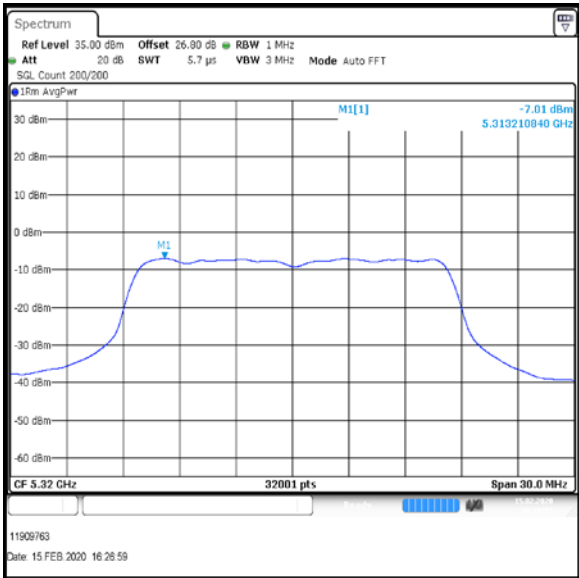
Channel	Port 1 PSD (dBm/MHz)	Duty Cycle Correction (dB)	Port 1 Corrected PSD (dBm/MHz)	Port 2 PSD (dBm/MHz)	Duty Cycle Correction (dB)	Port 2 Corrected PSD (dBm/MHz)
Top	-7.0	1.8	-5.2	-5.4	1.8	-3.6

Channel	Corrected PSD Port 1 (dBm/MHz)	Corrected PSD Port 2 (dBm/MHz)	Port 1+2 Combined PSD (dBm/MHz)
Top	-5.2	-3.6	-1.5

Channel	Combined Conducted PSD (dBm/MHz)	Limit (dBm/MHz)	Margin (dB)	Result
Top	-1.5	4.9	6.4	Complied

Result: Pass

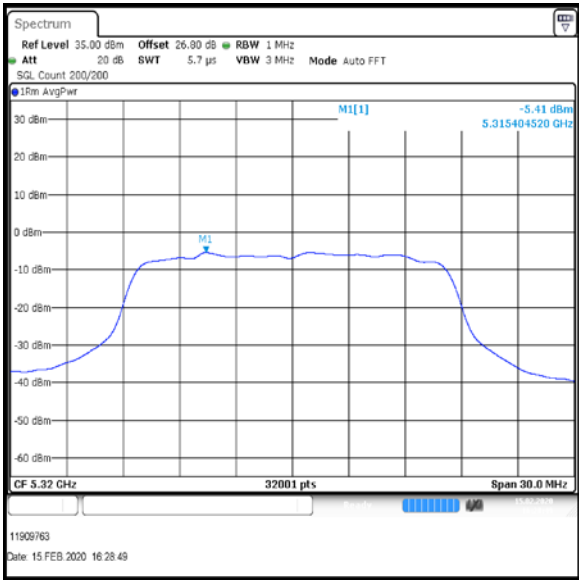
Transmitter Maximum Power Spectral Density (continued)
Results: 802.11a / 20 MHz / 48Mbit / MIMO / Port 1+2 / PWL 12 / 9 dBi Antenna / Port 1



Top Channel

Result: **Pass**

Transmitter Maximum Power Spectral Density (continued)
Results: 802.11a / 20 MHz / 48Mbit / MIMO / Port 1+2 / PWL 12 / 9 dBi Antenna / Port 2



Top Channel

Result: **Pass**

Transmitter Maximum Power Spectral Density (continued)

Results: 802.11a / 20 MHz / 54Mbit / MIMO / Port 1+2 / PWL 18 / 9 dBi Antenna

Channel	Port 1 PSD (dBm/MHz)	Duty Cycle Correction (dB)	Port 1 Corrected PSD (dBm/MHz)	Port 2 PSD (dBm/MHz)	Duty Cycle Correction (dB)	Port 2 Corrected PSD (dBm/MHz)
Bottom	-0.3	1.8	1.5	-0.3	1.8	1.5
Middle	-0.6	1.8	1.2	0.1	1.8	1.9
Top-1	-1.2	1.8	0.6	-1.3	1.8	0.5

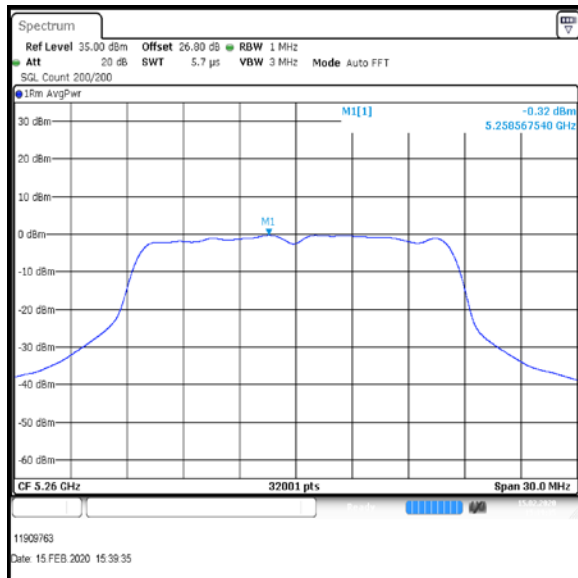
Channel	Corrected PSD Port 1 (dBm/MHz)	Corrected PSD Port 2 (dBm/MHz)	Port 1+2 Combined PSD (dBm/MHz)
Bottom	1.5	1.5	4.4
Middle	1.2	1.9	4.4
Top-1	0.6	0.5	3.4

Channel	Combined Conducted PSD (dBm/MHz)	Limit (dBm/MHz)	Margin (dB)	Result
Bottom	4.4	4.9	0.5	Complied
Middle	4.4	4.9	0.5	Complied
Top-1	3.4	4.9	1.5	Complied

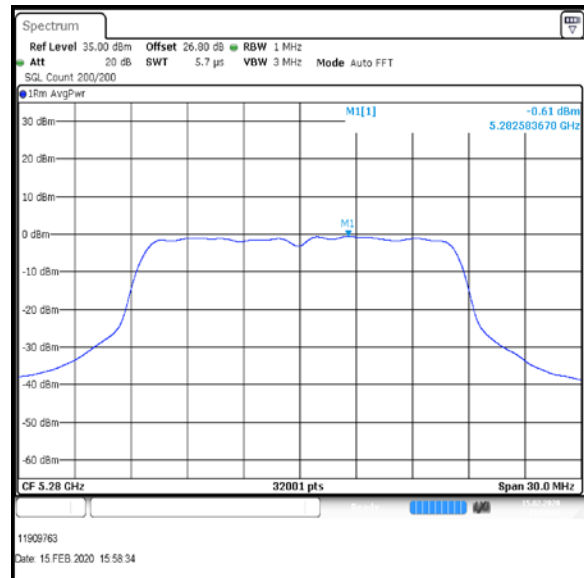
Result: Pass within Measurement Uncertainty

Transmitter Maximum Power Spectral Density (continued)

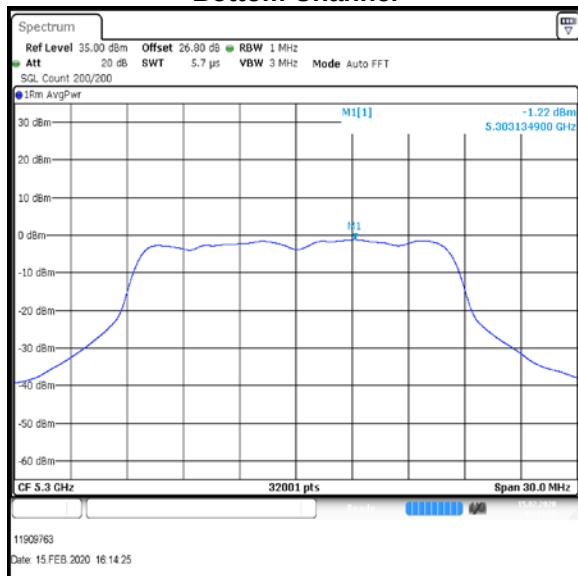
Results: 802.11a / 20 MHz / 54Mbit / MIMO / Port 1+2 / PWL 18 / 9 dBi Antenna / Port 1



Bottom Channel



Middle Channel

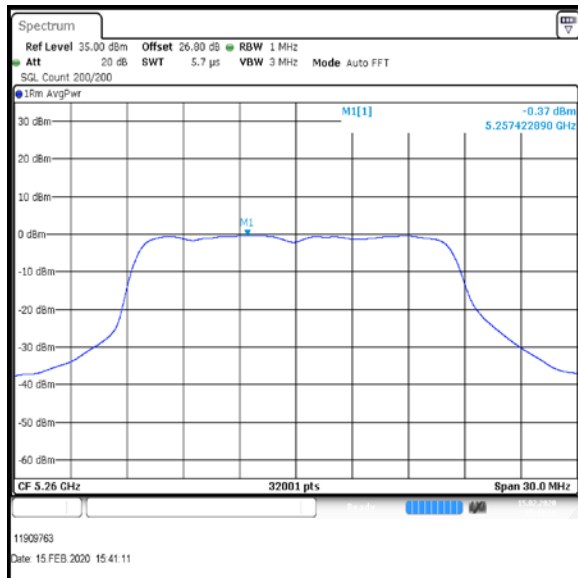


Top-1 Channel

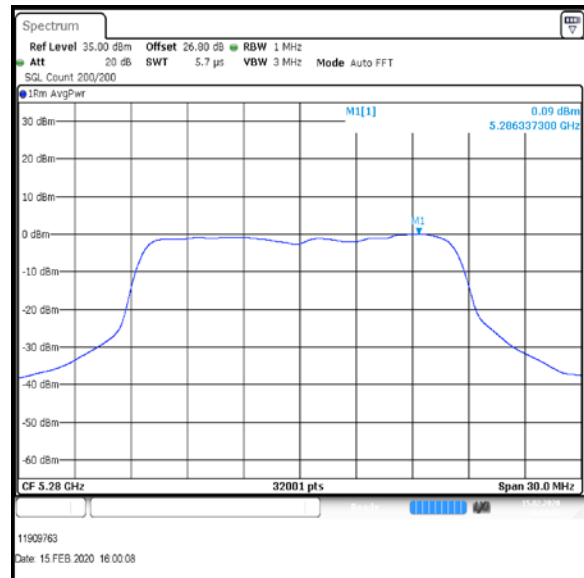
Result: **Pass**

Transmitter Maximum Power Spectral Density (continued)

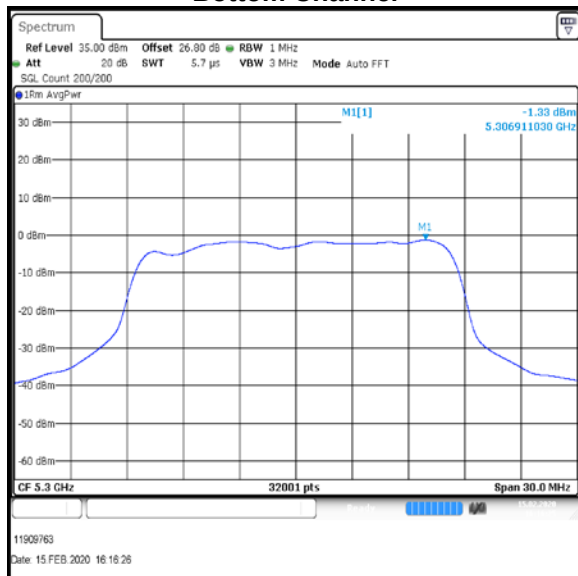
Results: 802.11a / 20 MHz / 54Mbit / MIMO / Port 1+2 / PWL 18 / 9 dBi Antenna / Port 2



Bottom Channel



Middle Channel



Top-1 Channel

Result: **Pass**

Transmitter Maximum Power Spectral Density (continued)

Results: 802.11a / 20 MHz / 54Mbit / MIMO / Port 1+2 / PWL 12 / 9 dBi Antenna

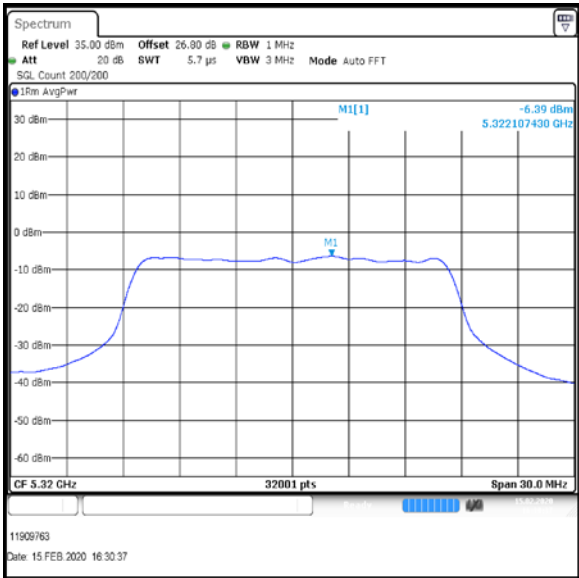
Channel	Port 1 PSD (dBm/MHz)	Duty Cycle Correction (dB)	Port 1 Corrected PSD (dBm/MHz)	Port 2 PSD (dBm/MHz)	Duty Cycle Correction (dB)	Port 2 Corrected PSD (dBm/MHz)
Top	-6.3	1.8	-4.5	-6.0	1.8	-4.2

Channel	Corrected PSD Port 1 (dBm/MHz)	Corrected PSD Port 2 (dBm/MHz)	Port 1+2 Combined PSD (dBm/MHz)
Top	-4.5	-4.2	-1.7

Channel	Combined Conducted PSD (dBm/MHz)	Limit (dBm/MHz)	Margin (dB)	Result
Top	-1.7	4.9	6.6	Complied

Result: Pass

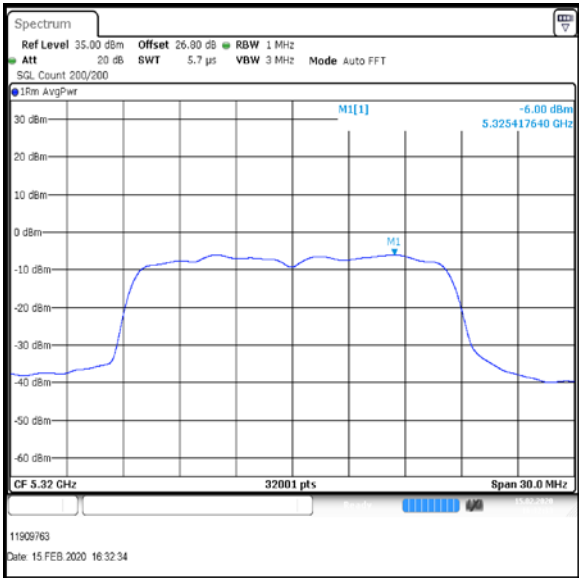
Transmitter Maximum Power Spectral Density (continued)
Results: 802.11a / 20 MHz / 54Mbit / MIMO / Port 1+2 / PWL 12 / 9 dBi Antenna / Port 1



Top Channel

Result: **Pass**

Transmitter Maximum Power Spectral Density (continued)
Results: 802.11a / 20 MHz / 54Mbit / MIMO / Port 1+2 / PWL 12 / 9 dBi Antenna / Port 2



Top Channel

Result: **Pass**

Transmitter Maximum Power Spectral Density (continued)

Results: 802.11n / HT20 / MCS0 / MIMO / Port 1+2 / PWL 18 / 9 dBi Antenna

Channel	Port 1 PSD (dBm/MHz)	Duty Cycle Correction (dB)	Port 1 Corrected PSD (dBm/MHz)	Port 2 PSD (dBm/MHz)	Duty Cycle Correction (dB)	Port 2 Corrected PSD (dBm/MHz)
Bottom	0.7	0.6	1.3	1.2	0.6	1.8
Middle	1.0	0.6	1.6	0.9	0.6	1.5
Top-1	1.0	0.6	1.6	1.2	0.6	1.8

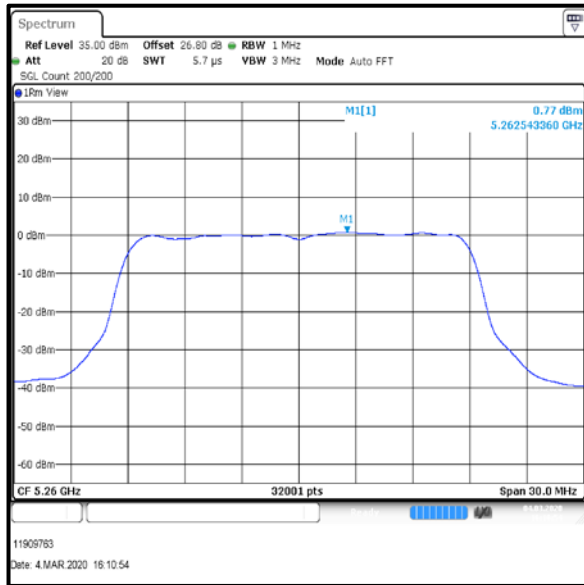
Channel	Corrected PSD Port 1 (dBm/MHz)	Corrected PSD Port 2 (dBm/MHz)	Port 1+2 Combined PSD (dBm/MHz)
Bottom	1.3	1.8	4.4
Middle	1.6	1.5	4.4
Top-1	1.6	1.8	4.4

Channel	Combined Conducted PSD (dBm/MHz)	Limit (dBm/MHz)	Margin (dB)	Result
Bottom	4.4	4.9	0.5	Complied
Middle	4.4	4.9	0.5	Complied
Top-1	4.4	4.9	0.5	Complied

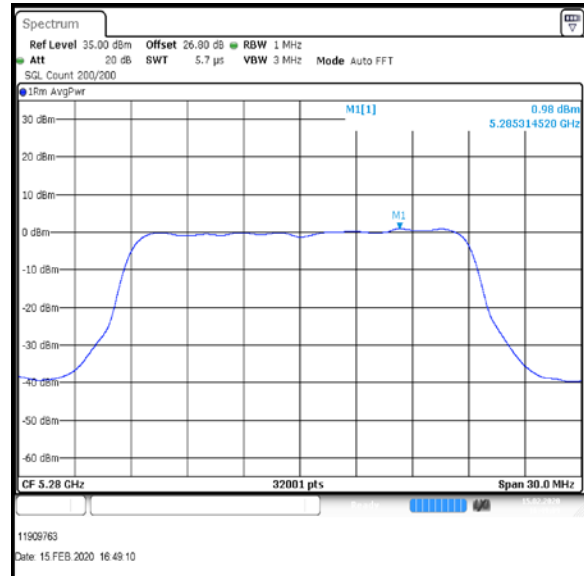
Result: Pass within Measurement Uncertainty

Transmitter Maximum Power Spectral Density (continued)

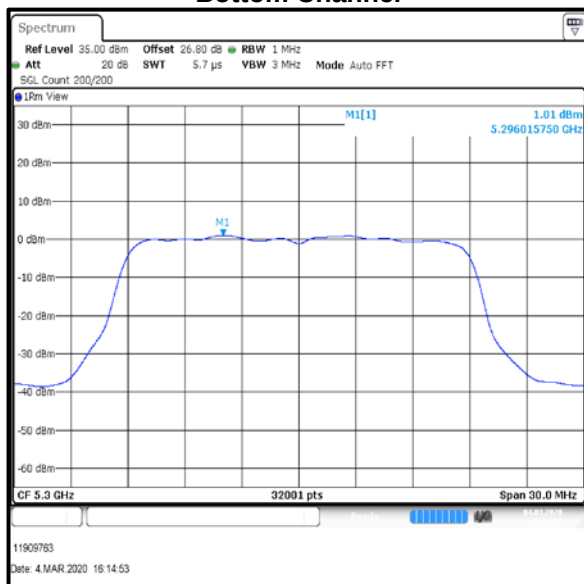
Results: 802.11n / HT20 / MCS0 / MIMO / Port 1+2 / PWL 18 / 9 dBi Antenna / Port 1



Bottom Channel



Middle Channel

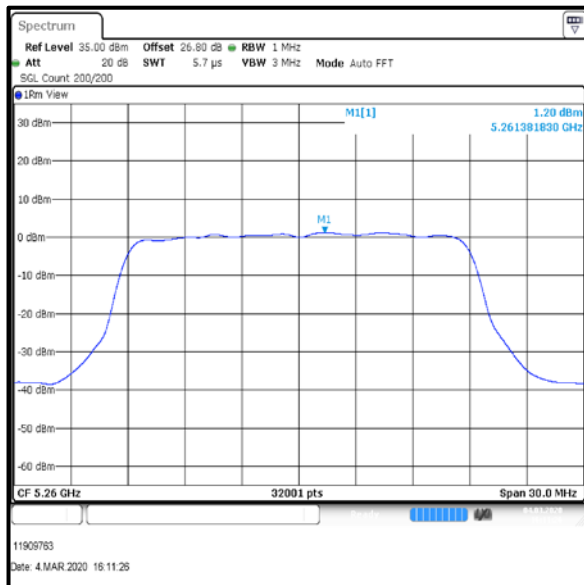


Top-1 Channel

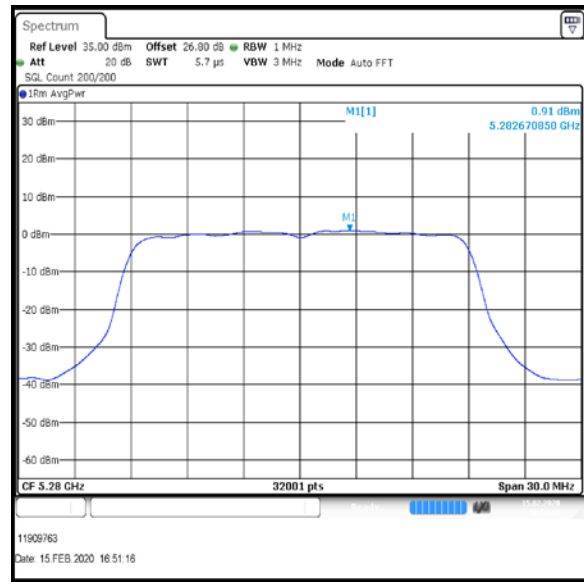
Result: **Pass**

Transmitter Maximum Power Spectral Density (continued)

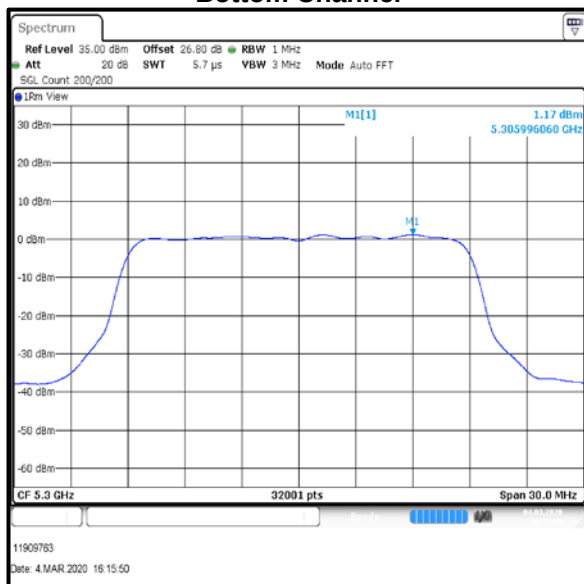
Results: 802.11n / HT20 / MCS0 / MIMO / Port 1+2 / PWL 18 / 9 dBi Antenna / Port 2



Bottom Channel



Middle Channel



Top-1 Channel

Result: **Pass**

Transmitter Maximum Power Spectral Density (continued)

Results: 802.11n / HT20 / MCS0 / MIMO / Port 1+2 / PWL 12 / 9 dBi Antenna

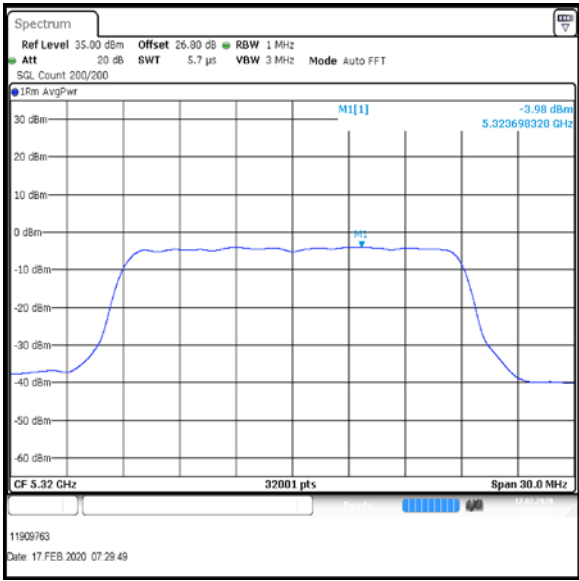
Channel	Port 1 PSD (dBm/MHz)	Duty Cycle Correction (dB)	Port 1 Corrected PSD (dBm/MHz)	Port 2 PSD (dBm/MHz)	Duty Cycle Correction (dB)	Port 2 Corrected PSD (dBm/MHz)
Top	-4.0	0.6	-3.4	-3.4	0.6	-2.8

Channel	Corrected PSD Port 1 (dBm/MHz)	Corrected PSD Port 2 (dBm/MHz)	Port 1+2 Combined PSD (dBm/MHz)
Top	-3.4	-2.8	-0.2

Channel	Combined Conducted PSD (dBm/MHz)	Limit (dBm/MHz)	Margin (dB)	Result
Top	-0.2	4.9	5.1	Complied

Result: Pass

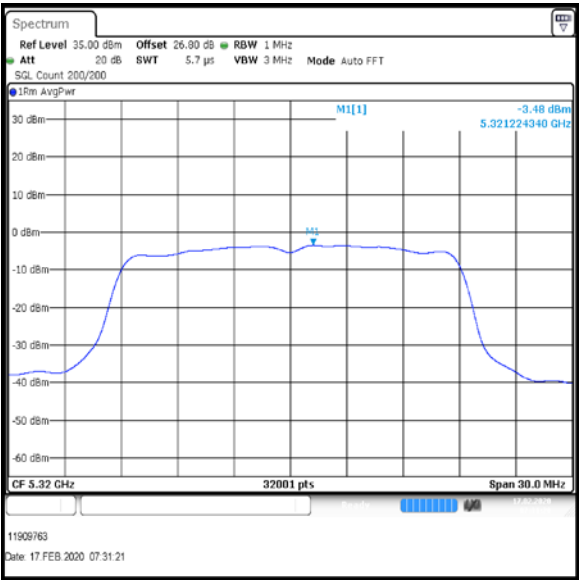
Transmitter Maximum Power Spectral Density (continued)
Results: 802.11n / HT20 / MCS0 / MIMO / Port 1+2 / PWL 12 / 9 dBi Antenna / Port 1



Top Channel

Result: **Pass**

Transmitter Maximum Power Spectral Density (continued)
Results: 802.11n / HT20 / MCS0 / MIMO / Port 1+2 / PWL 12 / 9 dBi Antenna / Port 2



Top Channel

Result: **Pass**

Transmitter Maximum Power Spectral Density (continued)

Results: 802.11n / HT20 / MCS4 / MIMO / Port 1+2 / PWL 18 / 9 dBi Antenna

Channel	Port 1 PSD (dBm/MHz)	Duty Cycle Correction (dB)	Port 1 Corrected PSD (dBm/MHz)	Port 2 PSD (dBm/MHz)	Duty Cycle Correction (dB)	Port 2 Corrected PSD (dBm/MHz)
Bottom	-0.7	1.6	1.1	-0.2	1.6	1.4
Middle	-0.3	1.6	1.3	-1.0	1.6	0.6
Top-1	-0.1	1.6	1.5	-0.2	1.6	1.4

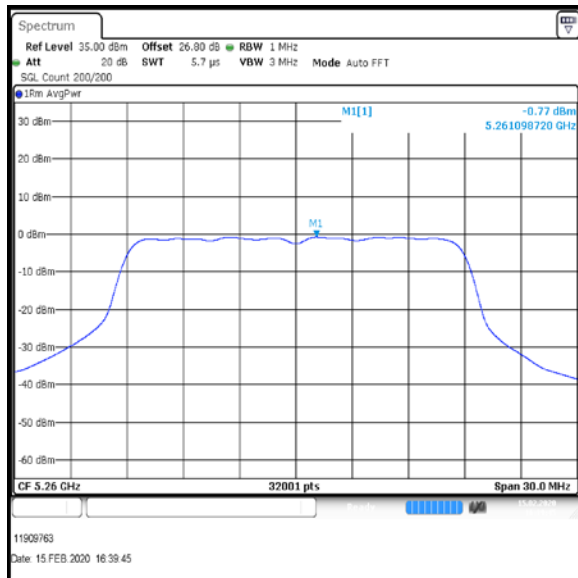
Channel	Corrected PSD Port 1 (dBm/MHz)	Corrected PSD Port 2 (dBm/MHz)	Port 1+2 Combined PSD (dBm/MHz)
Bottom	1.1	1.4	4.1
Middle	1.3	0.6	3.9
Top-1	1.5	1.4	4.4

Channel	Combined Conducted PSD (dBm/MHz)	Limit (dBm/MHz)	Margin (dB)	Result
Bottom	4.1	4.9	0.8	Complied
Middle	3.9	4.9	1.0	Complied
Top-1	4.4	4.9	0.5	Complied

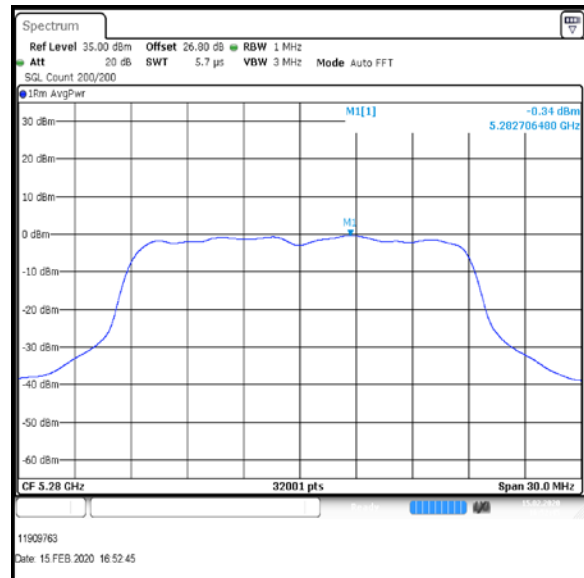
Result: Pass within Measurement Uncertainty

Transmitter Maximum Power Spectral Density (continued)

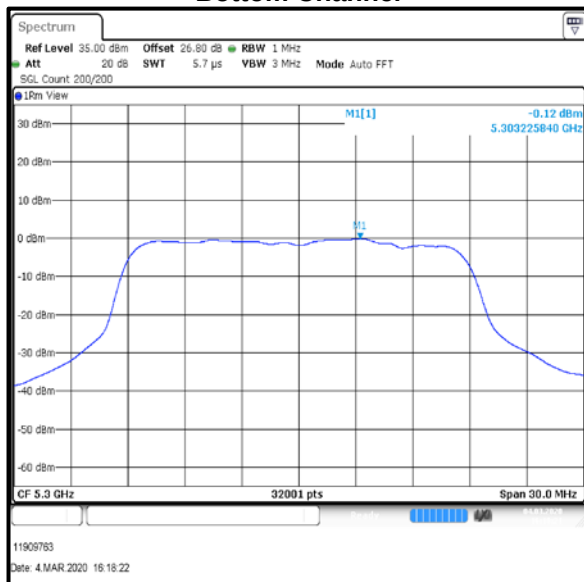
Results: 802.11n / HT20 / MCS4 / MIMO / Port 1+2 / PWL 18 / 9 dBi Antenna / Port 1



Bottom Channel



Middle Channel

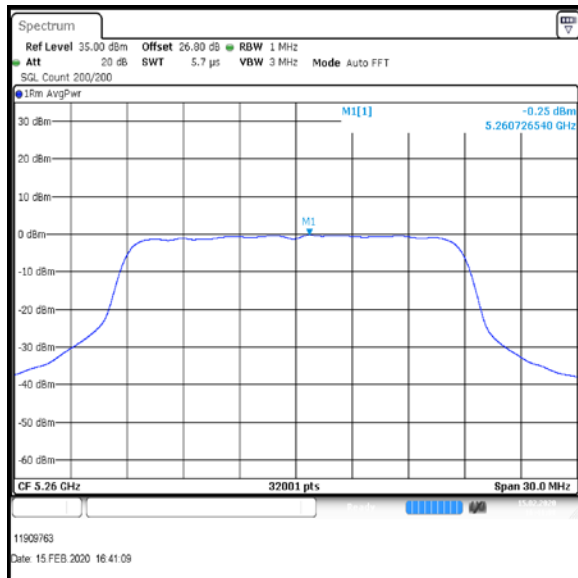


Top-1 Channel

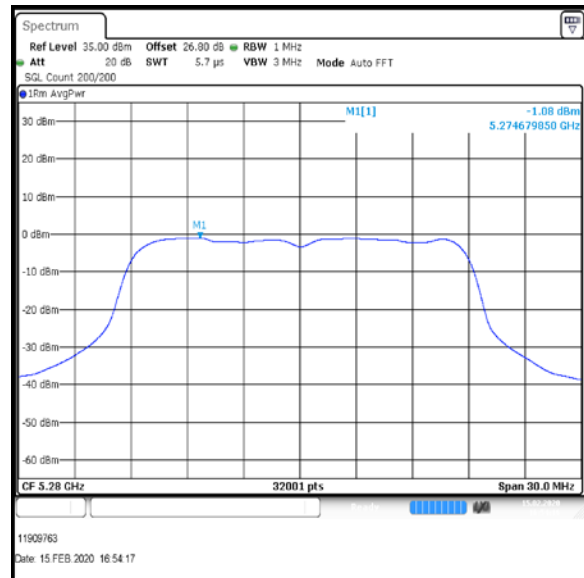
Result: **Pass**

Transmitter Maximum Power Spectral Density (continued)

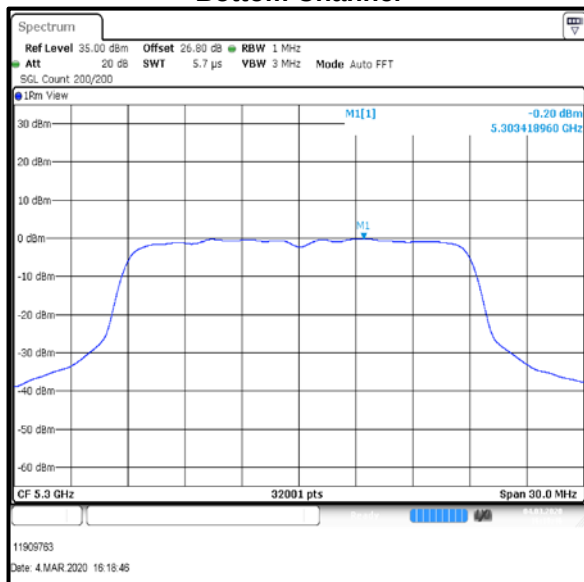
Results: 802.11n / HT20 / MCS4 / MIMO / Port 1+2 / PWL 18 / 9 dBi Antenna / Port 2



Bottom Channel



Middle Channel



Top-1 Channel

Result: Pass

Transmitter Maximum Power Spectral Density (continued)

Results: 802.11n / HT20 / MCS4 / MIMO / Port 1+2 / PWL 12 / 9 dBi Antenna

Channel	Port 1 PSD (dBm/MHz)	Duty Cycle Correction (dB)	Port 1 Corrected PSD (dBm/MHz)	Port 2 PSD (dBm/MHz)	Duty Cycle Correction (dB)	Port 2 Corrected PSD (dBm/MHz)
Top	-5.5	1.6	-3.9	-4.5	1.6	-2.9

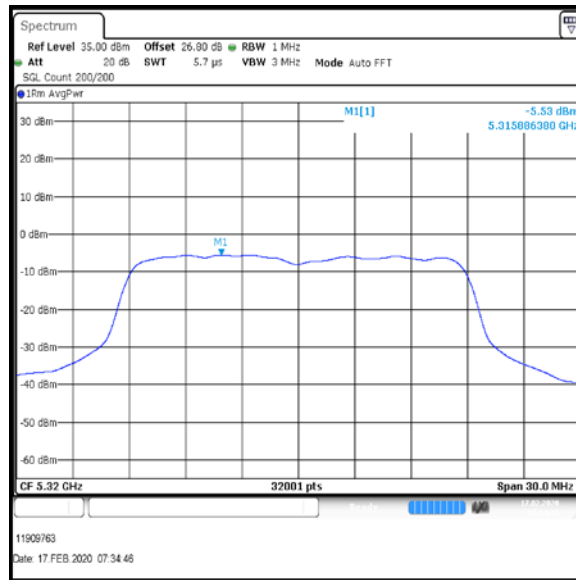
Channel	Corrected PSD Port 1 (dBm/MHz)	Corrected PSD Port 2 (dBm/MHz)	Port 1+2 Combined PSD (dBm/MHz)
Top	-3.9	-2.9	-0.6

Channel	Combined Conducted PSD (dBm/MHz)	Limit (dBm/MHz)	Margin (dB)	Result
Top	-0.6	4.9	5.5	Complied

Result: Pass

Transmitter Maximum Power Spectral Density (continued)

Results: 802.11n / HT20 / MCS4 / MIMO / Port 1+2 / PWL 12 / 9 dBi Antenna / Port 1

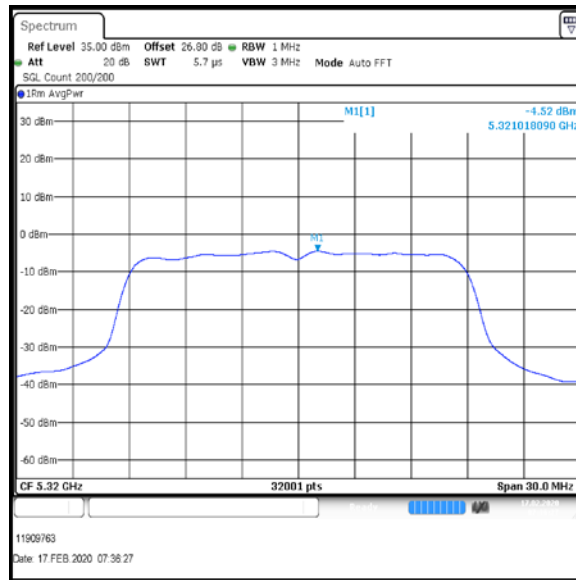


Top Channel

Result: Pass

Transmitter Maximum Power Spectral Density (continued)

Results: 802.11n / HT20 / MCS4 / MIMO / Port 1+2 / PWL 12 / 9 dBi Antenna / Port 2



Top Channel

Result: Pass

Transmitter Maximum Power Spectral Density (continued)

Results: 802.11ac / HT20 / MCS0 / MIMO / Port 1+2 / PWL 18 / 9 dBi Antenna

Channel	Port 1 PSD (dBm/MHz)	Duty Cycle Correction (dB)	Port 1 Corrected PSD (dBm/MHz)	Port 2 PSD (dBm/MHz)	Duty Cycle Correction (dB)	Port 2 Corrected PSD (dBm/MHz)
Bottom	0.6	0.8	1.4	1.1	0.8	1.9
Middle	0.6	0.8	1.4	1.1	0.8	1.9
Top-1	0.5	0.8	1.3	1.0	0.8	1.8

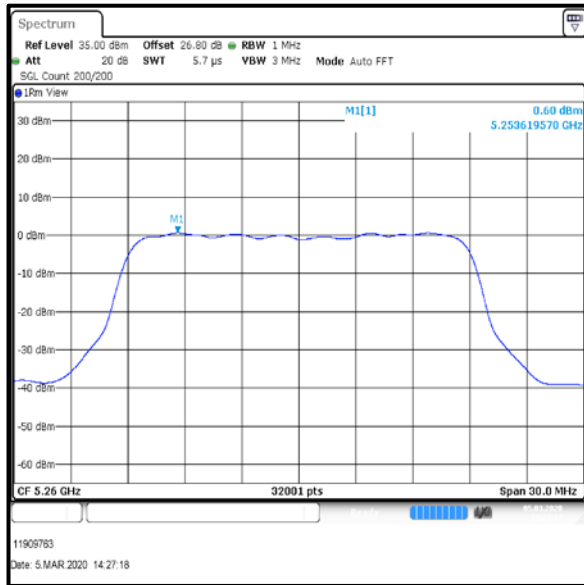
Channel	Corrected PSD Port 1(dBm)	Corrected PSD Port 2(dBm)	Port 1+2 Combined PSD (dBm/MHz)
Bottom	1.4	1.9	4.3
Middle	1.4	1.9	4.1
Top-1	1.3	1.8	4.2

Channel	Combined Conducted PSD (dBm/MHz)	Limit (dBm/MHz)	Margin (dB)	Result
Bottom	4.3	4.9	0.6	Complied
Middle	4.1	4.9	0.8	Complied
Top-1	4.2	4.9	0.7	Complied

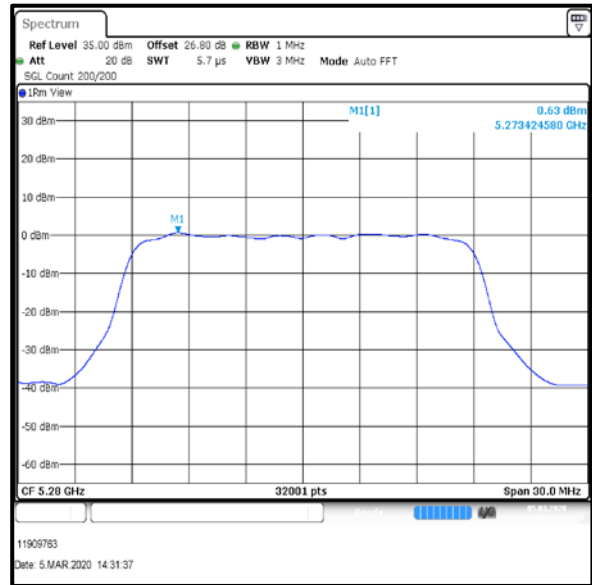
Result: Pass within Measurement Uncertainty

Transmitter Maximum Power Spectral Density (continued)

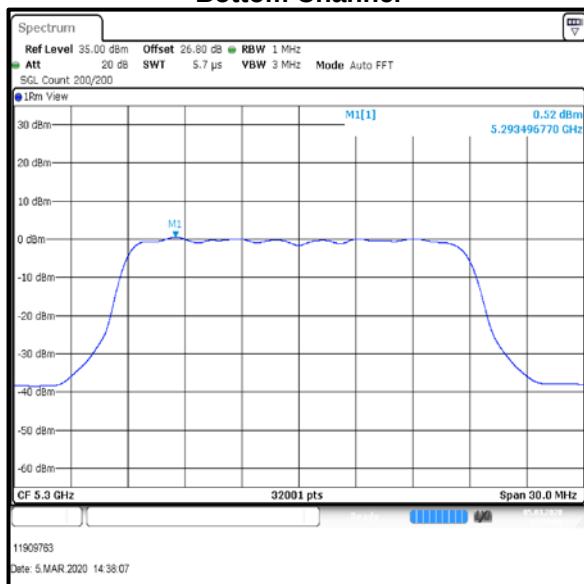
Results: 802.11ac / HT20 / MCS0 / MIMO / Port 1+2 / PWL 18 / 9 dBi Antenna / Port 1



Bottom Channel



Middle Channel

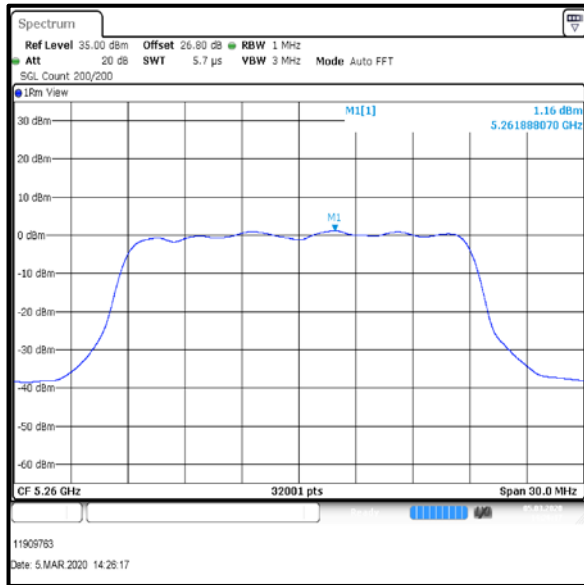


Top-1 Channel

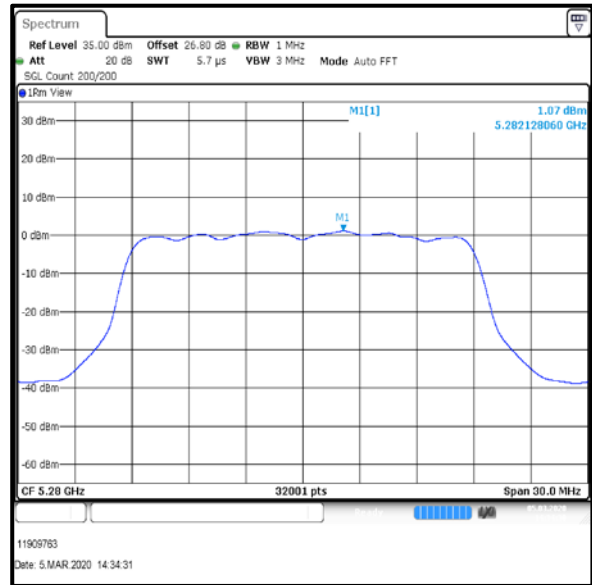
Result: **Pass**

Transmitter Maximum Power Spectral Density (continued)

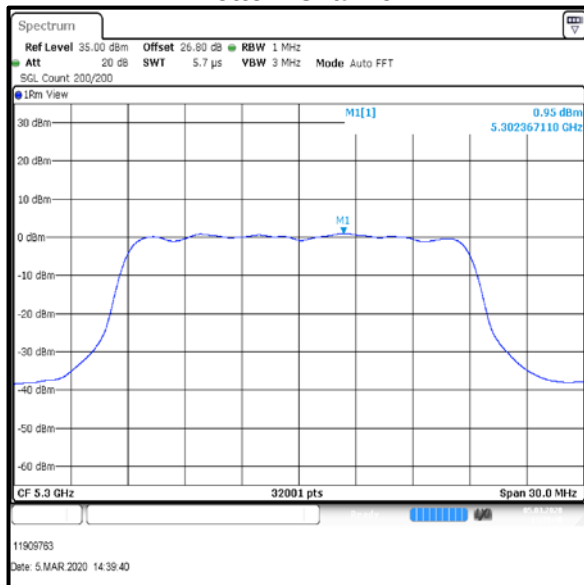
Results: 802.11ac / HT20 / MCS0 / MIMO / Port 1+2 / PWL 18 / 9 dBi Antenna / Port 2



Bottom Channel



Middle Channel



Top-1 Channel

Result: **Pass**

Transmitter Maximum Power Spectral Density (continued)

Results: 802.11ac / HT20 / MCS0 / MIMO / Port 1+2 / PWL 12 / 9 dBi Antenna

Channel	Port 1 PSD (dBm/MHz)	Duty Cycle Correction (dB)	Port 1 Corrected PSD (dBm/MHz)	Port 2 PSD (dBm/MHz)	Duty Cycle Correction (dB)	Port 2 Corrected PSD (dBm/MHz)
Top	-4.2	0.8	-3.4	-4.3	0.8	-3.5

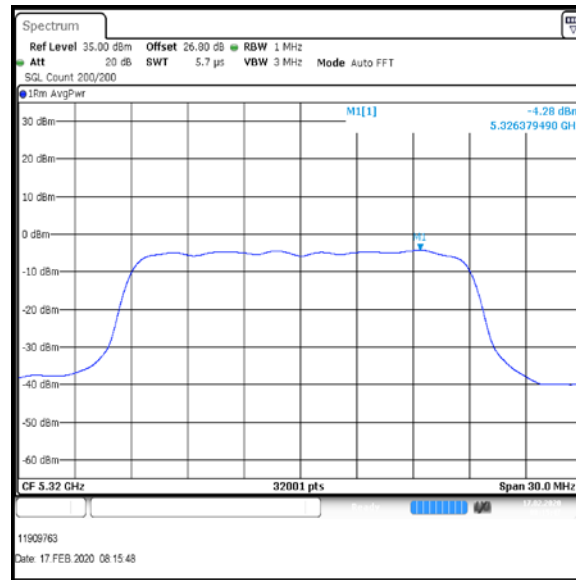
Channel	Corrected PSD Port 1(dBm)	Corrected PSD Port 2(dBm)	Port 1+2 Combined PSD (dBm/MHz)
Top	-3.4	-3.5	-0.8

Channel	Combined Conducted PSD (dBm/MHz)	Limit (dBm/MHz)	Margin (dB)	Result
Top	-0.8	4.9	5.7	Complied

Result: **Pass**

Transmitter Maximum Power Spectral Density (continued)

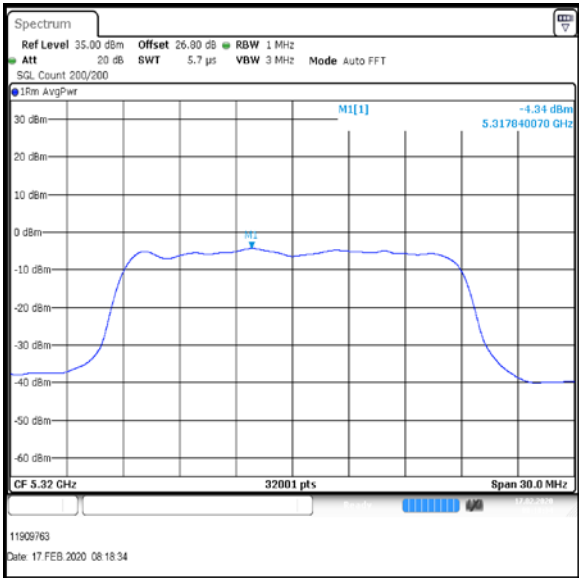
Results: 802.11ac / HT20 / MCS0 / MIMO / Port 1+2 / PWL 12 / 9 dBi Antenna / Port 1



Top Channel

Result: Pass

Transmitter Maximum Power Spectral Density (continued)
Results: 802.11ac / HT20 / MCS0 / MIMO / Port 1+2 / PWL 12 / 9 dBi Antenna / Port 2



Top Channel

Result: **Pass**

Transmitter Maximum Power Spectral Density (continued)

Results: 802.11ac / HT20 / MCS4 / MIMO / Port 1+2 / PWL 18 / 9 dBi Antenna

Channel	Port 1 PSD (dBm/MHz)	Duty Cycle Correction (dB)	Port 1 Corrected PSD (dBm/MHz)	Port 2 PSD (dBm/MHz)	Duty Cycle Correction (dB)	Port 2 Corrected PSD (dBm/MHz)
Bottom	-0.3	1.9	1.6	-0.6	1.9	1.3
Middle	-0.4	1.9	1.5	-1.1	1.9	0.8
Top-1	-0.6	1.9	1.3	-1.7	1.9	0.2

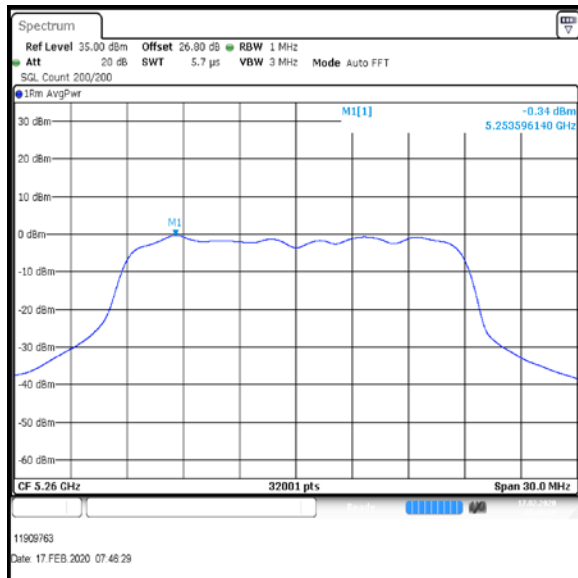
Channel	Corrected PSD Port 1 (dBm/MHz)	Corrected PSD Port 2 (dBm/MHz)	Port 1+2 Combined PSD (dBm/MHz)
Bottom	1.6	1.3	4.0
Middle	1.5	0.8	3.7
Top-1	1.3	0.2	3.7

Channel	Combined Conducted PSD (dBm/MHz)	Limit (dBm/MHz)	Margin (dB)	Result
Bottom	4.0	4.9	0.9	Complied
Middle	3.7	4.9	1.2	Complied
Top-1	3.7	4.9	1.2	Complied

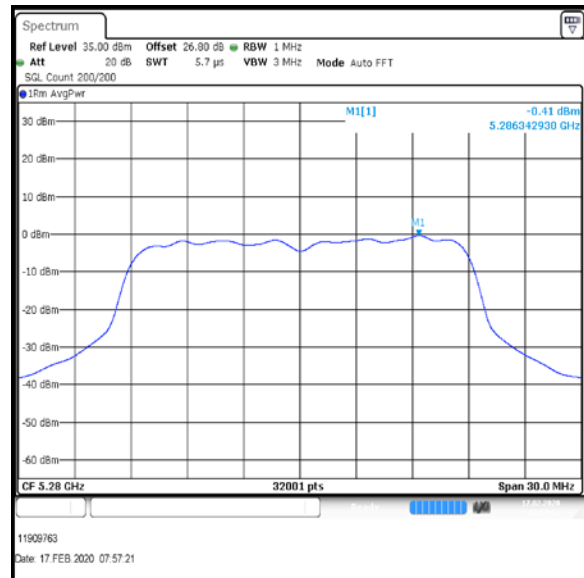
Result: Pass

Transmitter Maximum Power Spectral Density (continued)

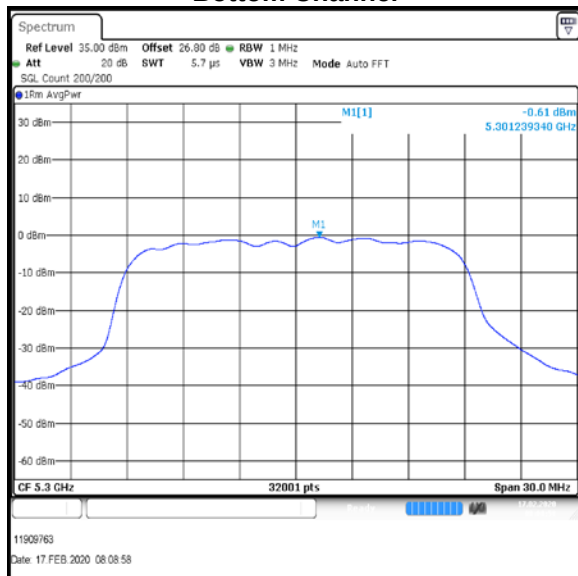
Results: 802.11ac / HT20 / MCS4 / MIMO / Port 1+2 / PWL 18 / 9 dBi Antenna / Port 1



Bottom Channel



Middle Channel

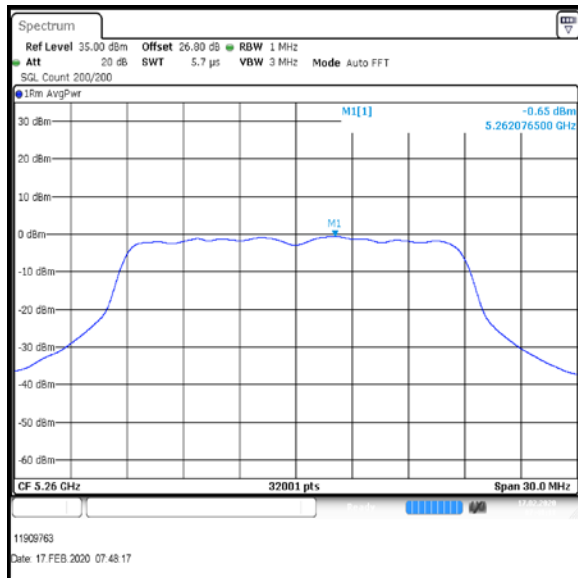


Top-1 Channel

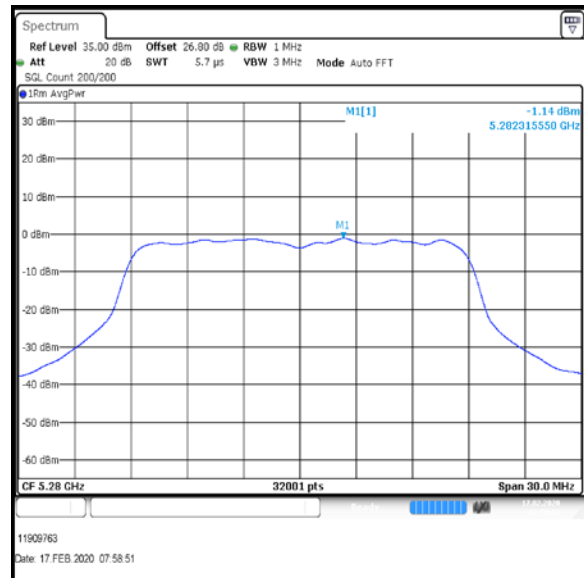
Result: **Pass**

Transmitter Maximum Power Spectral Density (continued)

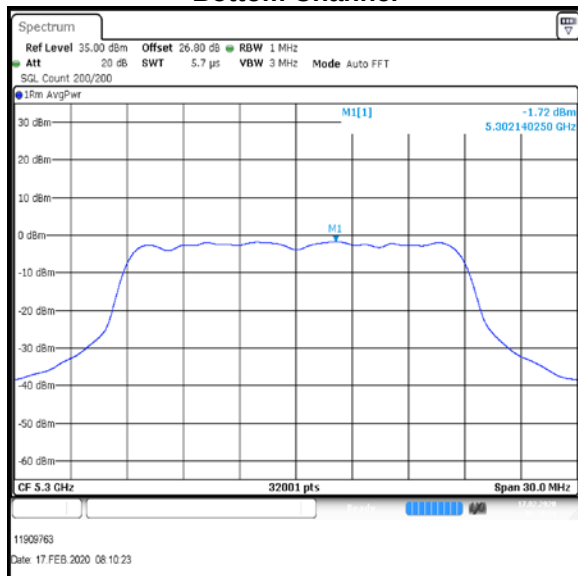
Results: 802.11ac / HT20 / MCS4 / MIMO / Port 1+2 / PWL 18 / 9 dBi Antenna / Port 2



Bottom Channel



Middle Channel



Top-1 Channel

Result: **Pass**

Transmitter Maximum Power Spectral Density (continued)

Results: 802.11ac / HT20 / MCS4 / MIMO / Port 1+2 / PWL 12 / 9 dBi Antenna

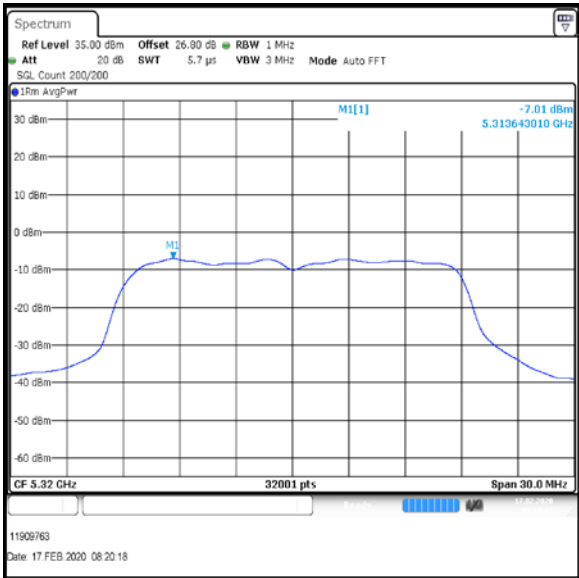
Channel	Port 1 PSD (dBm/MHz)	Duty Cycle Correction (dB)	Port 1 Corrected PSD (dBm/MHz)	Port 2 PSD (dBm/MHz)	Duty Cycle Correction (dB)	Port 2 Corrected PSD (dBm/MHz)
Top	-7.0	1.9	-5.1	-6.4	1.9	-4.5

Channel	Corrected PSD Port 1 (dBm/MHz)	Corrected PSD Port 2 (dBm/MHz)	Port 1+2 Combined PSD (dBm/MHz)
Top	-5.1	-4.5	-2.0

Channel	Combined Conducted PSD (dBm/MHz)	Limit (dBm/MHz)	Margin (dB)	Result
Top	-2.0	4.9	6.9	Complied

Result: **Pass**

Transmitter Maximum Power Spectral Density (continued)
Results: 802.11ac / HT20 / MCS4 / MIMO / Port 1+2 / PWL 12 / 9 dBi Antenna / Port 1

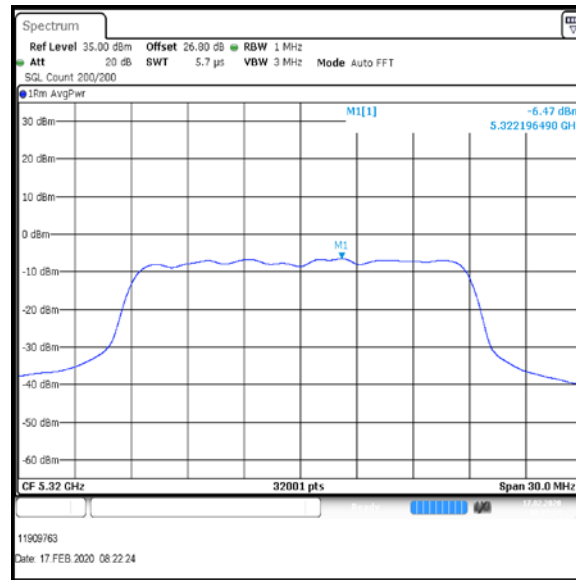


Top Channel

Result: **Pass**

Transmitter Maximum Power Spectral Density (continued)

Results: 802.11ac / HT20 / MCS4 / MIMO / Port 1+2 / PWL 12 / 9 dBi Antenna / Port 2



Top Channel

Result: Pass

Transmitter Maximum Power Spectral Density (continued)

Results: 802.11n / HT40 / MCS7 / MIMO / Port 1+2 / PWL 12 / 9 dBi Antenna

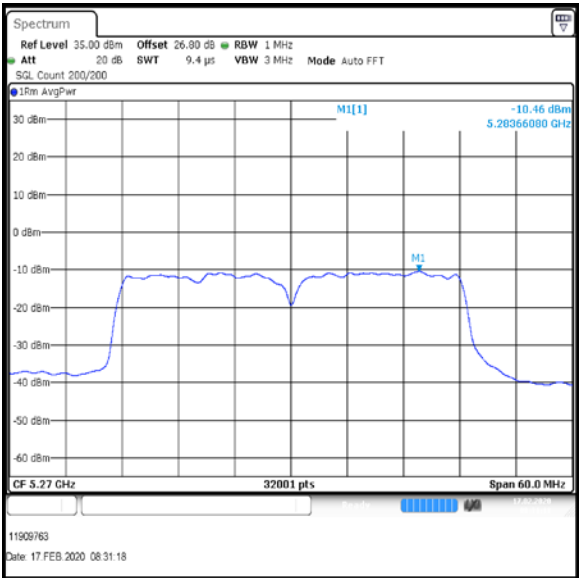
Channel	Port 1 PSD (dBm/MHz)	Duty Cycle Correction (dB)	Port 1 Corrected PSD (dBm/MHz)	Port 2 PSD (dBm/MHz)	Duty Cycle Correction (dB)	Port 2 Corrected PSD (dBm/MHz)
Bottom	-10.4	3.2	-7.2	-10.4	3.2	-7.2
Top	-10.8	3.2	-7.6	-10.1	3.2	-6.9

Channel	Corrected PSD Port 1 (dBm/MHz)	Corrected PSD Port 2 (dBm/MHz)	Port 1+2 Combined PSD (dBm/MHz)
Bottom	-7.2	-7.2	-4.4
Top	-7.6	-6.9	-4.6

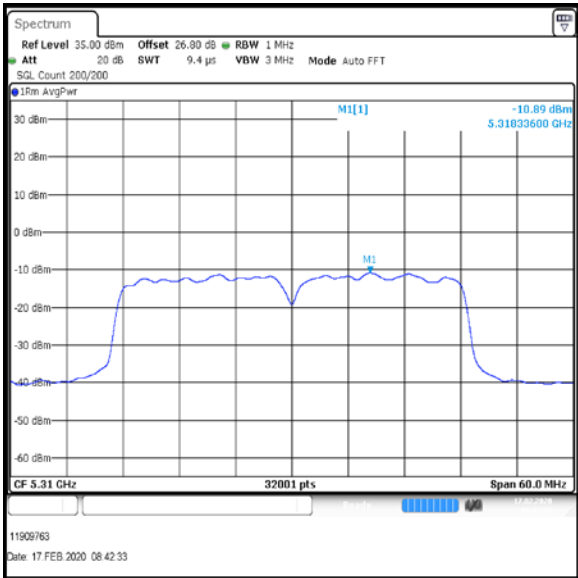
Channel	Combined Conducted PSD (dBm/MHz)	Limit (dBm/MHz)	Margin (dB)	Result
Bottom	-4.4	4.9	9.3	Complied
Top	-4.6	4.9	9.5	Complied

Result: **Pass**

Transmitter Maximum Power Spectral Density (continued)
Results: 802.11n / HT40 / MCS7 / MIMO / Port 1+2 / PWL 12 / 9 dBi Antenna / Port 1



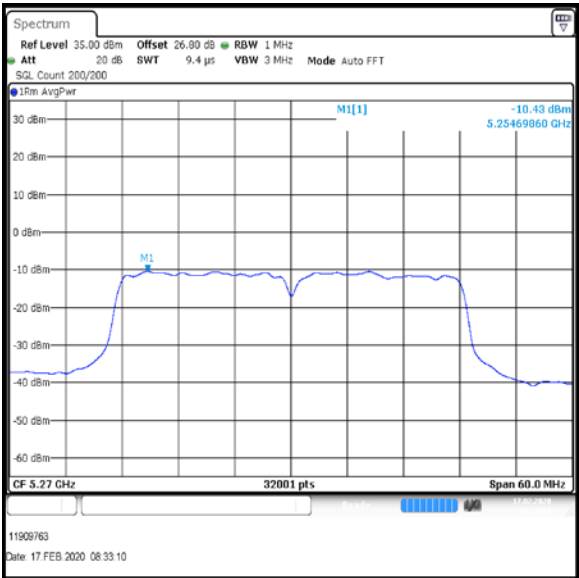
Bottom Channel



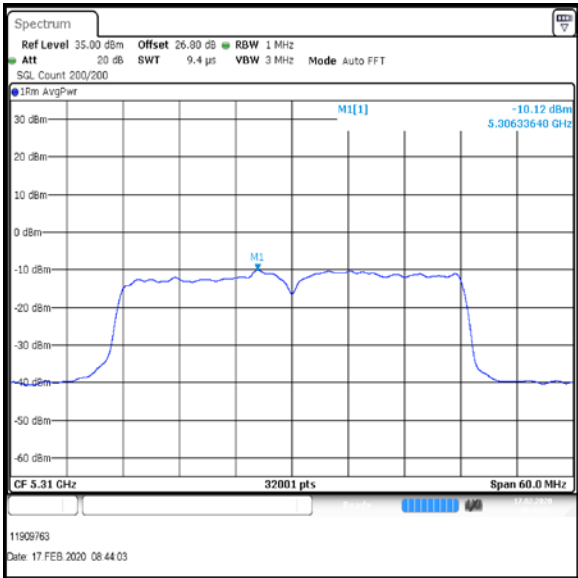
Top Channel

Result: **Pass**

Transmitter Maximum Power Spectral Density (continued)
Results: 802.11n / HT40 / MCS7 / MIMO / Port 1+2 / PWL 12 / 9 dBi Antenna / Port 2



Bottom Channel



Top Channel

Result: **Pass**

Transmitter Maximum Power Spectral Density (continued)

Results: 802.11ac / HT40 / MCS7 / MIMO / Port 1+2 / PWL 12 / 9 dBi Antenna

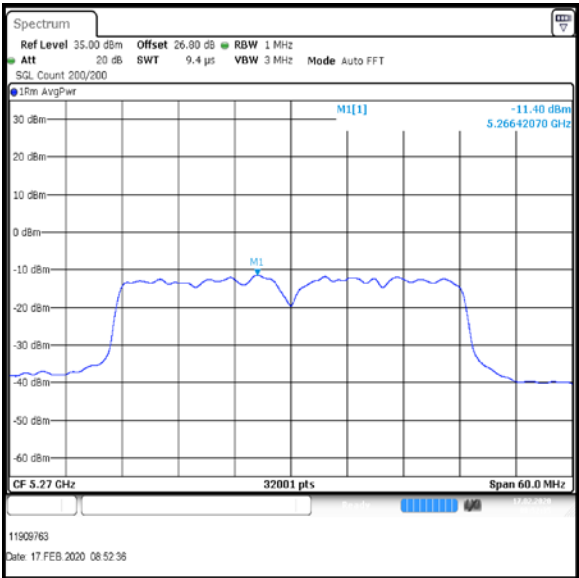
Channel	Port 1 PSD (dBm/MHz)	Duty Cycle Correction (dB)	Port 1 Corrected PSD (dBm/MHz)	Port 2 PSD (dBm/MHz)	Duty Cycle Correction (dB)	Port 2 Corrected PSD (dBm/MHz)
Bottom	-11.4	2.3	-9.1	-10.2	2.3	-7.9
Top	-11.3	2.3	-9.0	-10.1	2.3	-7.8

Channel	Corrected PSD Port 1 (dBm/MHz)	Corrected PSD Port 2 (dBm/MHz)	Port 1+2 Combined PSD (dBm/MHz)
Bottom	-9.1	-7.9	-6.0
Top	-9.0	-7.8	-5.9

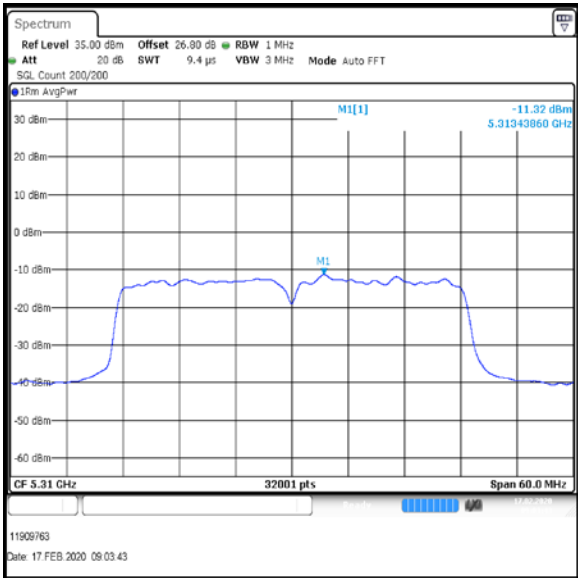
Channel	Combined Conducted PSD (dBm/MHz)	Limit (dBm/MHz)	Margin (dB)	Result
Bottom	-6.0	4.9	10.9	Complied
Top	-5.9	4.9	10.8	Complied

Result: **Pass**

Transmitter Maximum Power Spectral Density (continued)
Results: 802.11ac / HT40 / MCS7 / MIMO / Port 1+2 / PWL 12 / 9 dBi Antenna / Port 1



Bottom Channel

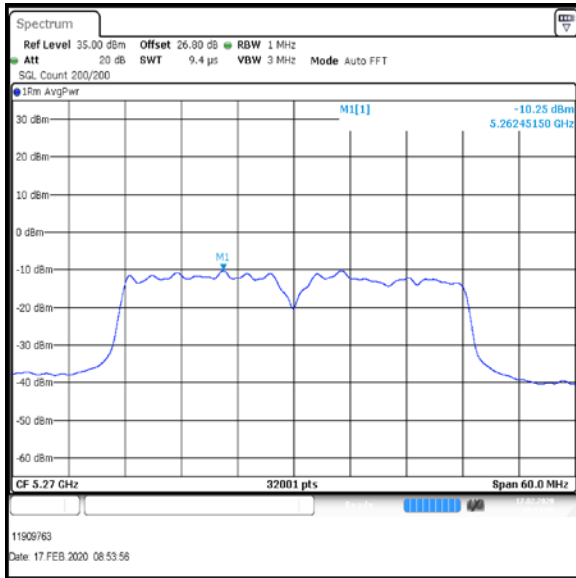


Top Channel

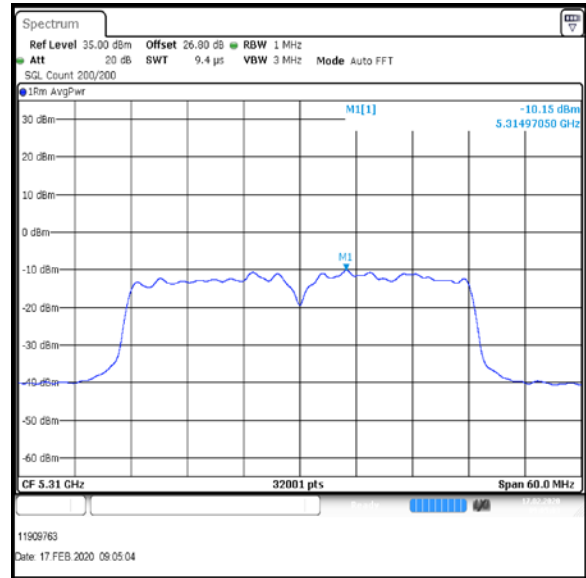
Result: **Pass**

Transmitter Maximum Power Spectral Density (continued)

Results: 802.11ac / HT40 / MCS7 / MIMO / Port 1+2 / PWL 12 / 9 dBi Antenna / Port 2



Bottom Channel



Top Channel

Result: Pass

Transmitter Maximum Power Spectral Density (continued)

Results: 802.11ac / HT80 / MCS5 / MIMO / Port 1+2 / PWL 12 / 9 dBi Antenna

Channel	Port 1 PSD (dBm/MHz)	Duty Cycle Correction (dB)	Port 1 Corrected PSD (dBm/MHz)	Port 2 PSD (dBm/MHz)	Duty Cycle Correction (dB)	Port 2 Corrected PSD (dBm/MHz)
Single	-14.6	4.3	-10.3	-13.4	4.3	-9.1

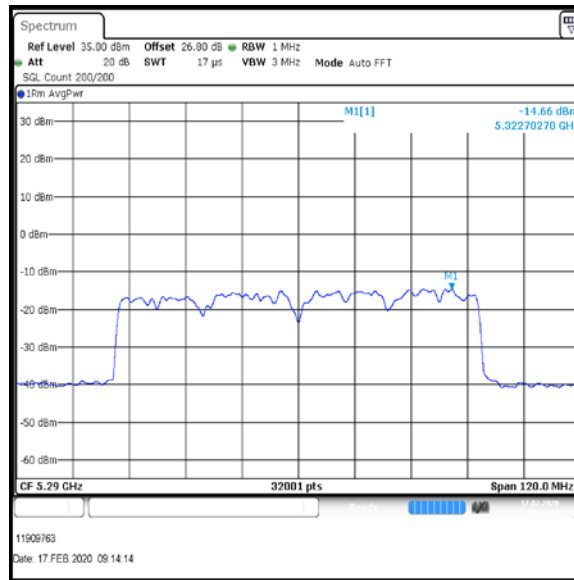
Channel	Corrected PSD Port 1 (dBm/MHz)	Corrected PSD Port 2 (dBm/MHz)	Port 1+2 Combined PSD (dBm/MHz)
Single	-10.3	-9.1	-7.2

Channel	Combined Conducted PSD (dBm/MHz)	Limit (dBm/MHz)	Margin (dB)	Result
Single	-7.2	4.9	12.1	Complied

Result: **Pass**

Transmitter Maximum Power Spectral Density (continued)

Results: 802.11ac / HT80 / MCS5 / MIMO / Port 1+2 / PWL 12 / 9 dBi Antenna / Port 1

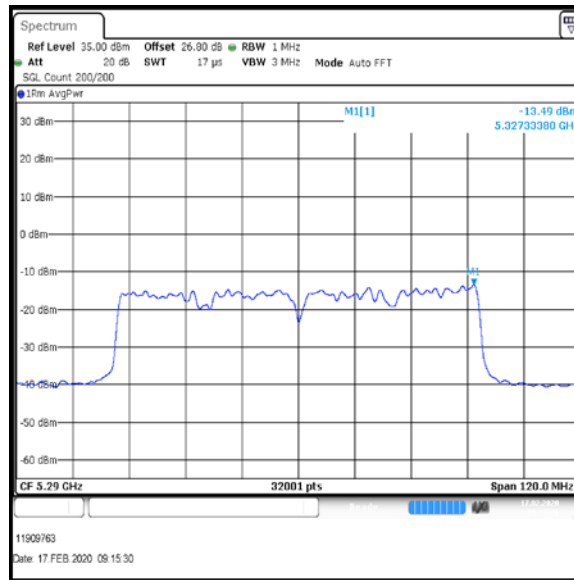


Single Channel

Result: **Pass**

Transmitter Maximum Power Spectral Density (continued)

Results: 802.11ac / HT80 / MCS5 / MIMO / Port 1+2 / PWL 12 / 9 dBi Antenna / Port 2



Single Channel

Result: Pass

Transmitter Maximum Power Spectral Density (continued)

Results: 802.11ac / HT80 / MCS9 / MIMO / Port 1+2 / PWL 12 / 9 dBi Antenna

Channel	Port 1 PSD (dBm/MHz)	Duty Cycle Correction (dB)	Port 1 Corrected PSD (dBm/MHz)	Port 2 PSD (dBm/MHz)	Duty Cycle Correction (dB)	Port 2 Corrected PSD (dBm/MHz)
Single	-15.4	4.8	-10.6	-15.4	4.8	-10.6

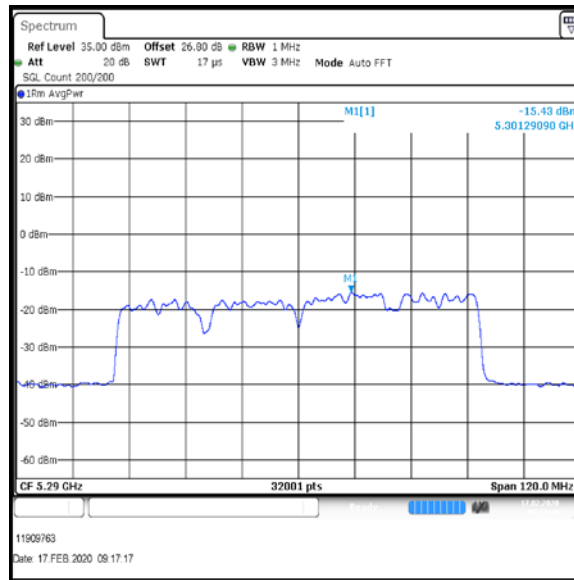
Channel	Corrected PSD Port 1 (dBm/MHz)	Corrected PSD Port 2 (dBm/MHz)	Port 1+2 Combined PSD (dBm/MHz)
Single	-10.6	-10.6	-7.9

Channel	Combined Conducted PSD (dBm/MHz)	Limit (dBm/MHz)	Margin (dB)	Result
Single	-7.9	4.9	12.8	Complied

Result: **Pass**

Transmitter Maximum Power Spectral Density (continued)

Results: 802.11ac / HT80 / MCS9 / MIMO / Port 1+2 / PWL 12 / 9 dBi Antenna / Port 1

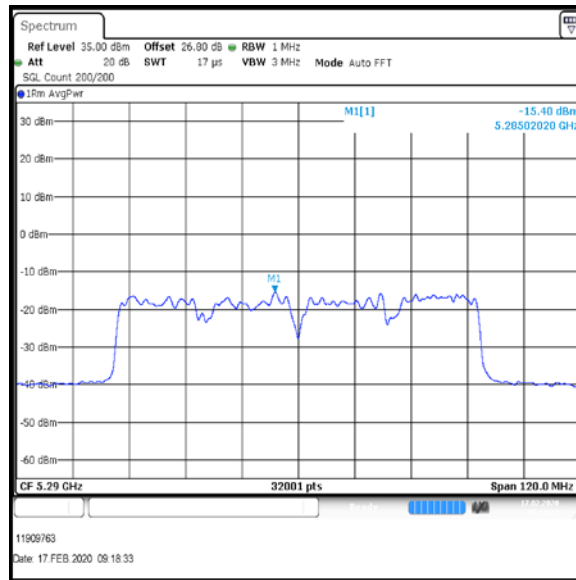


Single Channel

Result: **Pass**

Transmitter Maximum Power Spectral Density (continued)

Results: 802.11ac / HT80 / MCS9 / MIMO / Port 1+2 / PWL 12 / 9 dBi Antenna / Port 2



Single Channel

Result: **Pass**

Transmitter Maximum Power Spectral Density (continued)

Results: 802.11a / 20 MHz / 12Mbit / MIMO / Port 1+2+3 / PWL 16 / 9 dBi Antenna

Channel	Port 1 PSD (dBm/MHz)	Duty Cycle Correction (dB)	Port 1 Corrected PSD (dBm/MHz)	Port 2 PSD (dBm/MHz)	Duty Cycle Correction (dB)	Port 2 Corrected PSD (dBm/MHz)
Bottom	-3.2	0.6	-2.6	-3.3	0.6	-2.7
Middle	-3.3	0.6	-2.7	-3.2	0.6	-2.6
Top-1	-3.2	0.6	-2.6	-2.6	0.6	-2.0

Channel	Port 3 PSD (dBm/MHz)	Duty Cycle Correction (dB)	Port 3 Corrected PSD (dBm/MHz)
Bottom	-2.8	0.6	-2.2
Middle	-3.3	0.6	-2.7
Top-1	-3.5	0.6	-2.9

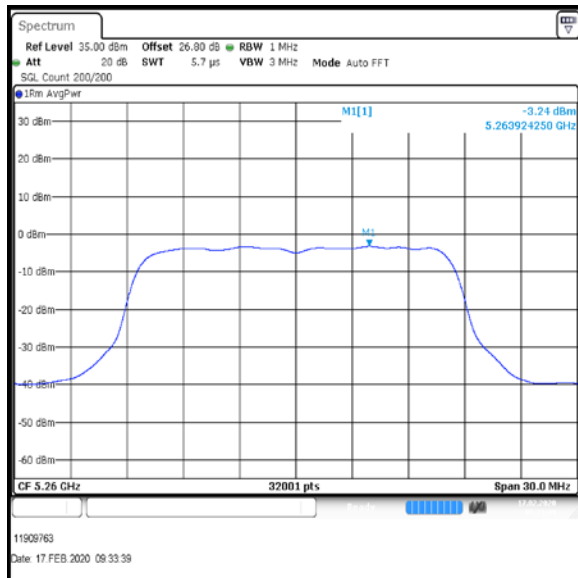
Channel	Corrected PSD Port 1 (dBm/MHz)	Corrected PSD Port 2 (dBm/MHz)	Corrected PSD Port 3 (dBm/MHz)	Port 1+2+3 Combined PSD (dBm/MHz)
Bottom	-2.6	-2.7	-2.2	2.1
Middle	-2.7	-2.6	-2.7	1.9
Top-1	-2.6	-2.0	-2.9	2.0

Channel	Combined Conducted PSD (dBm/MHz)	Limit (dBm/MHz)	Margin (dB)	Result
Bottom	2.1	3.2	1.1	Complied
Middle	1.9	3.2	1.3	Complied
Top-1	2.0	3.2	1.2	Complied

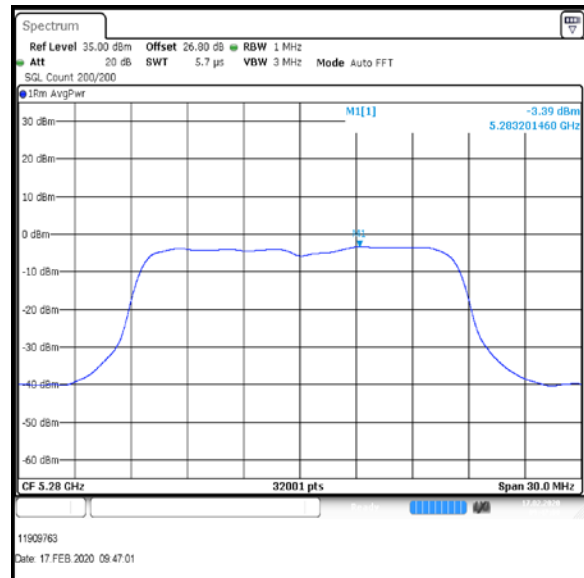
Result: Pass

Transmitter Maximum Power Spectral Density (continued)

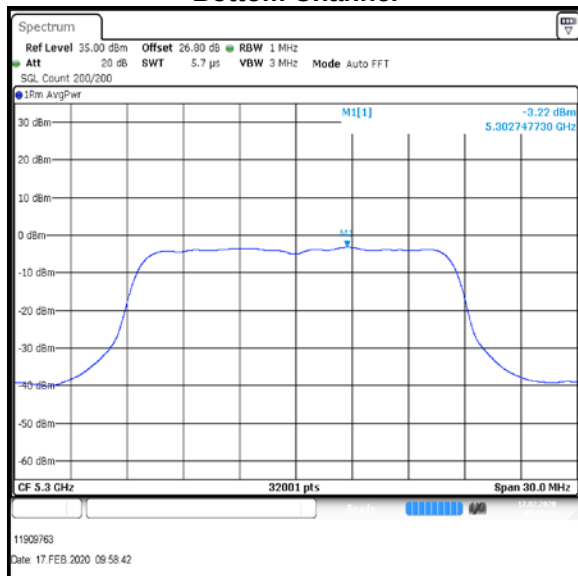
Results: 802.11a / 20 MHz / 12Mbit / MIMO / Port 1+2+3 / PWL 16 / 9 dBi Antenna / Port 1



Bottom Channel



Middle Channel

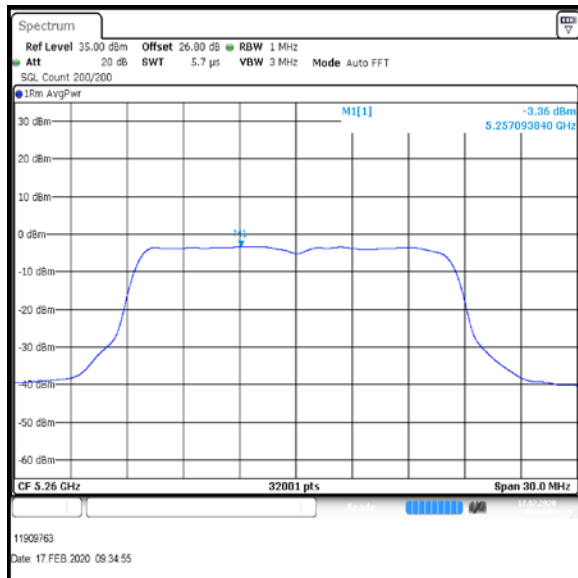


Top-1 Channel

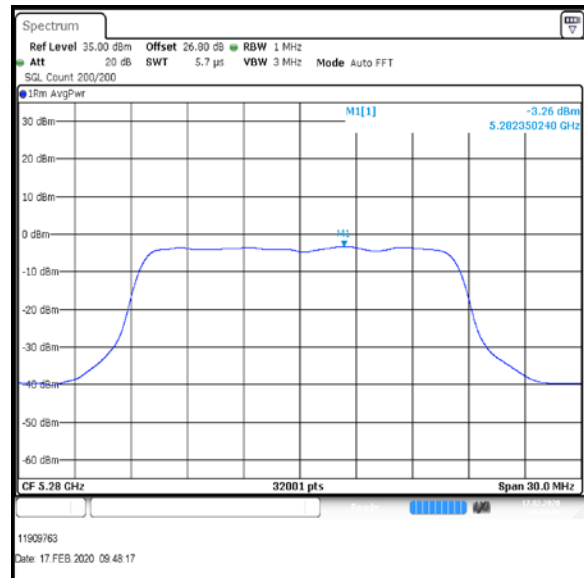
Result: Pass

Transmitter Maximum Power Spectral Density (continued)

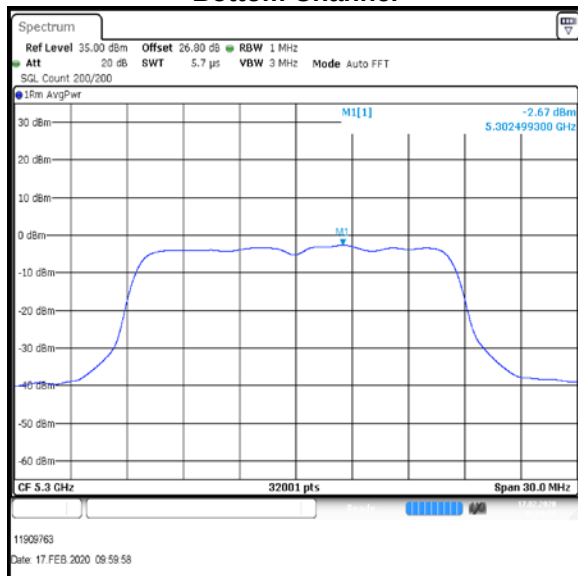
Results: 802.11a / 20 MHz / 12Mbit / MIMO / Port 1+2+3 / PWL 16 / 9 dBi Antenna / Port 2



Bottom Channel



Middle Channel

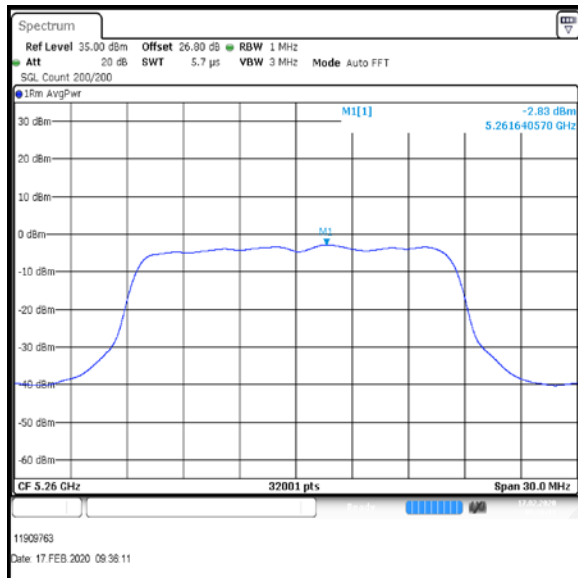


Top-1 Channel

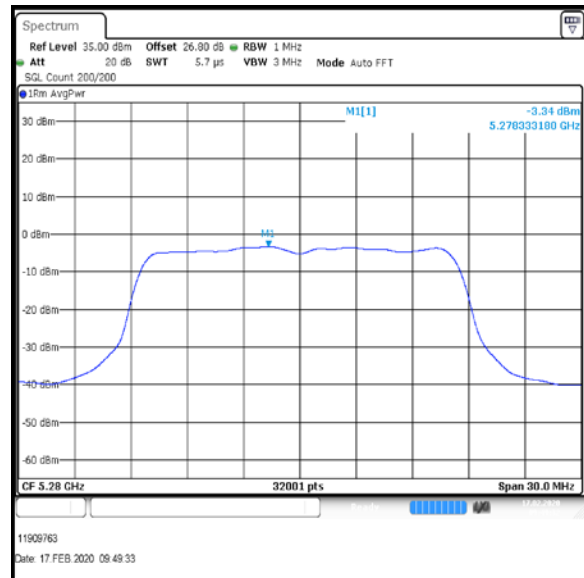
Result: **Pass**

Transmitter Maximum Power Spectral Density (continued)

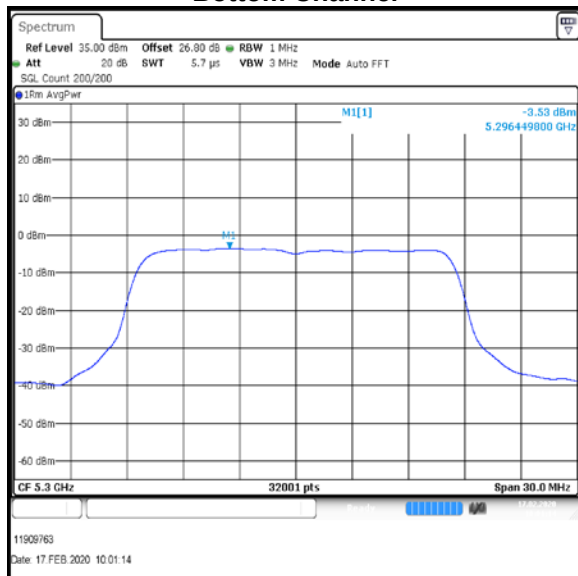
Results: 802.11a / 20 MHz / 12Mbit / MIMO / Port 1+2+3 / PWL 16 / 9 dBi Antenna / Port 3



Bottom Channel



Middle Channel



Top-1 Channel

Result: **Pass**

Transmitter Maximum Power Spectral Density (continued)

Results: 802.11a / 20 MHz / 12Mbit / MIMO / Port 1+2+3 / PWL 13 / 9 dBi Antenna

Channel	Port 1 PSD (dBm/MHz)	Duty Cycle Correction (dB)	Port 1 Corrected PSD (dBm/MHz)	Port 2 PSD (dBm/MHz)	Duty Cycle Correction (dB)	Port 2 Corrected PSD (dBm/MHz)
Top	-5.4	0.6	-4.8	-5.1	0.6	-4.5

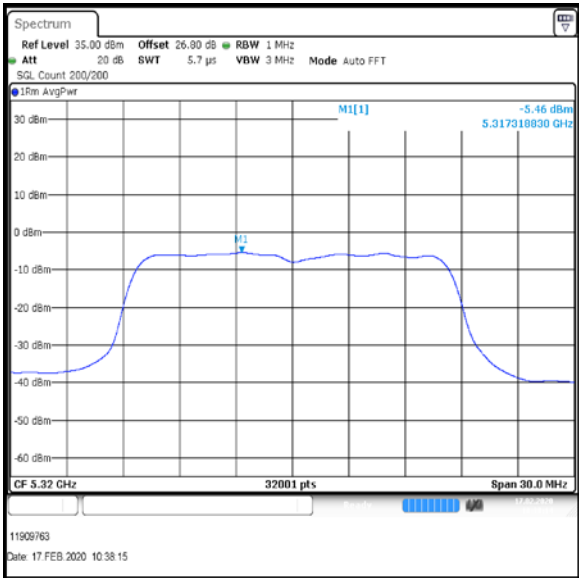
Channel	Port 3 PSD (dBm/MHz)	Duty Cycle Correction (dB)	Port 3 Corrected PSD (dBm/MHz)
Top	-6.4	0.6	-5.8

Channel	Corrected PSD Port 1 (dBm/MHz)	Corrected PSD Port 2 (dBm/MHz)	Corrected PSD Port 3 (dBm/MHz)	Port 1+2+3 Combined PSD (dBm/MHz)
Top	-4.8	-4.5	-5.8	-0.4

Channel	Combined Conducted PSD (dBm/MHz)	Limit (dBm/MHz)	Margin (dB)	Result
Top	-0.4	3.2	3.6	Complied

Result: Pass

Transmitter Maximum Power Spectral Density (continued)
Results: 802.11a / 20 MHz / 12Mbit / MIMO / Port 1+2+3 / PWL 13 / 9 dBi Antenna / Port 1

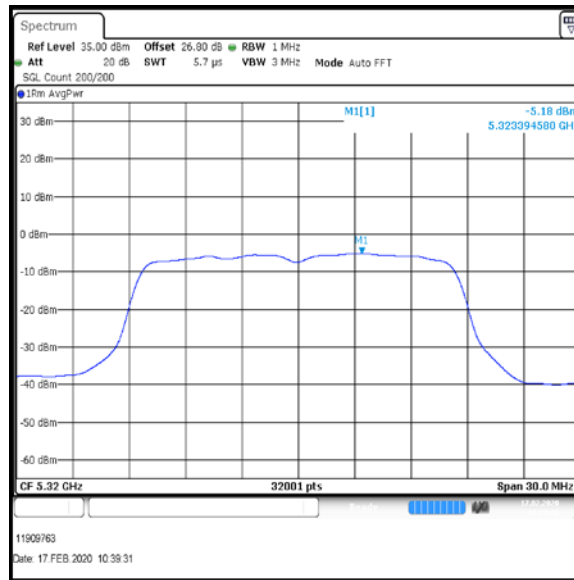


Top Channel

Result: Pass

Transmitter Maximum Power Spectral Density (continued)

Results: 802.11a / 20 MHz / 12Mbit / MIMO / Port 1+2+3 / PWL 13 / 9 dBi Antenna / Port 2

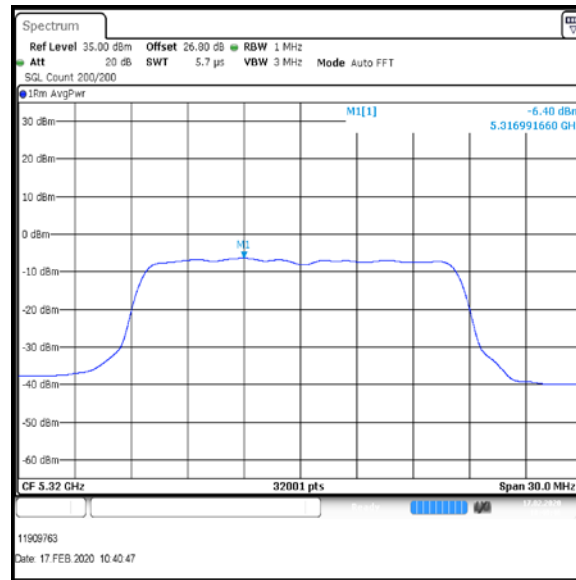


Top Channel

Result: Pass

Transmitter Maximum Power Spectral Density (continued)

Results: 802.11a / 20 MHz / 12Mbit / MIMO / Port 1+2+3 / PWL 13 / 9 dBi Antenna / Port 3



Top Channel

Result: Pass

Transmitter Maximum Power Spectral Density (continued)

Results: 802.11a / 20 MHz / 9Mbit / MIMO / Port 1+2+3 / PWL 16 / 9 dBi Antenna

Channel	Port 1 PSD (dBm/MHz)	Duty Cycle Correction (dB)	Port 1 Corrected PSD (dBm/MHz)	Port 2 PSD (dBm/MHz)	Duty Cycle Correction (dB)	Port 2 Corrected PSD (dBm/MHz)
Bottom	-2.3	0.4	-1.9	-2.2	0.4	-1.8
Middle	-2.7	0.4	-2.3	-2.8	0.4	-2.4
Top-1	-2.3	0.4	-1.9	-2.8	0.4	-2.4

Channel	Port 3 PSD (dBm/MHz)	Duty Cycle Correction (dB)	Port 3 Corrected PSD (dBm/MHz)
Bottom	-2.5	0.4	-2.1
Middle	-2.6	0.4	-2.2
Top-1	-2.6	0.4	-2.2

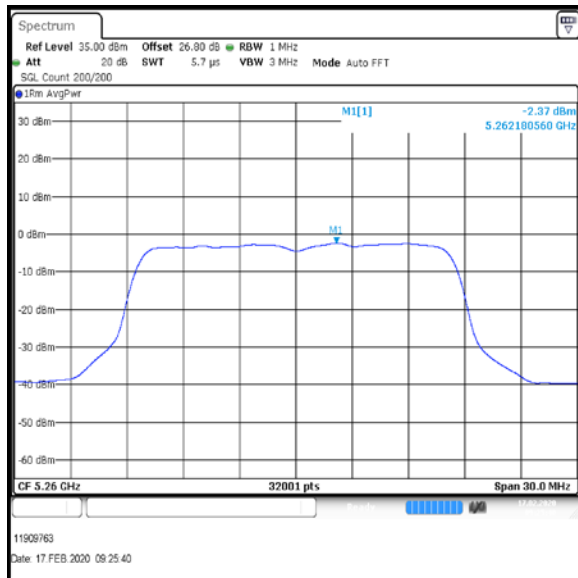
Channel	Corrected PSD Port 1 (dBm/MHz)	Corrected PSD Port 2 (dBm/MHz)	Corrected PSD Port 3 (dBm/MHz)	Port 1+2+3 Combined PSD (dBm/MHz)
Bottom	-1.9	-1.8	-2.1	2.7
Middle	-2.3	-2.4	-2.2	2.4
Top-1	-1.9	-2.4	-2.2	2.4

Channel	Combined Conducted PSD (dBm/MHz)	Limit (dBm/MHz)	Margin (dB)	Result
Bottom	2.7	3.2	0.5	Complied
Middle	2.4	3.2	0.8	Complied
Top-1	2.4	3.2	0.8	Complied

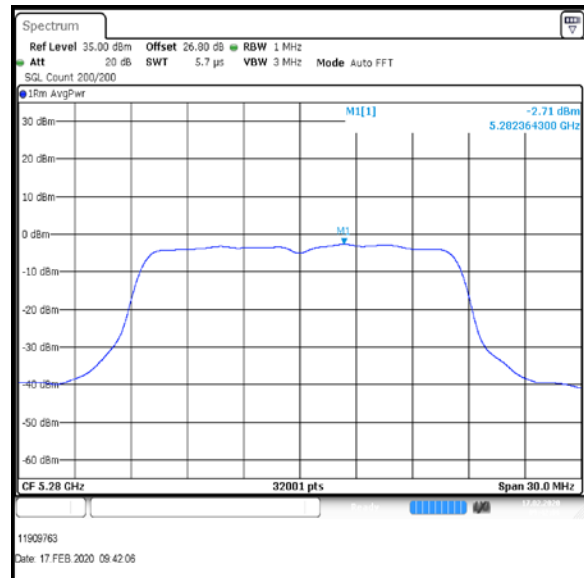
Result: Pass within Measurement Uncertainty

Transmitter Maximum Power Spectral Density (continued)

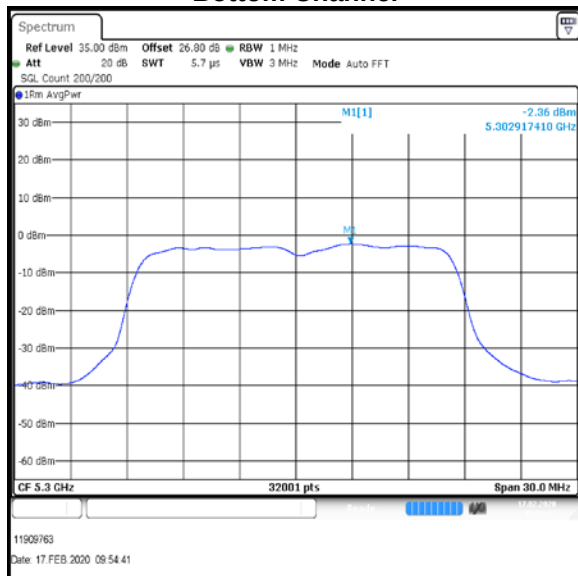
Results: 802.11a / 20 MHz / 9Mbit / MIMO / Port 1+2+3 / PWL 16 / 9 dBi Antenna / Port 1



Bottom Channel



Middle Channel

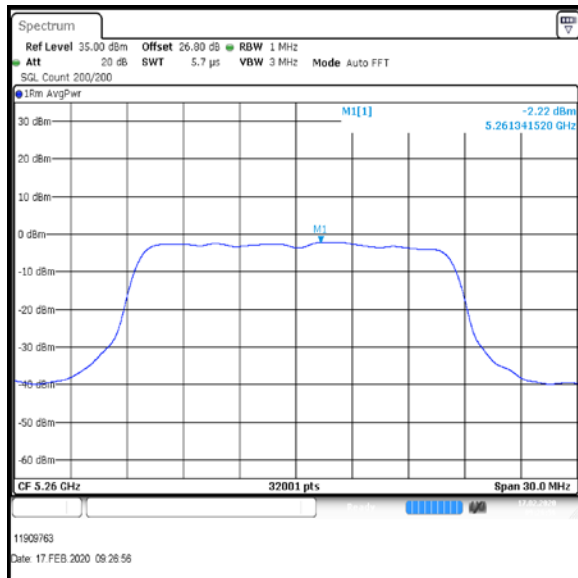


Top-1 Channel

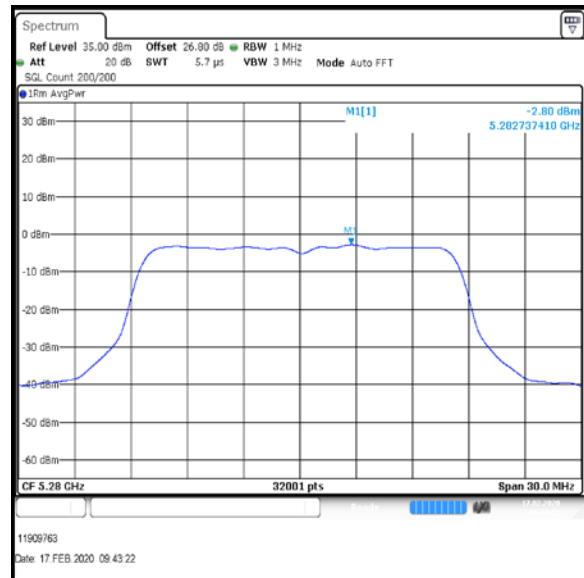
Result: **Pass**

Transmitter Maximum Power Spectral Density (continued)

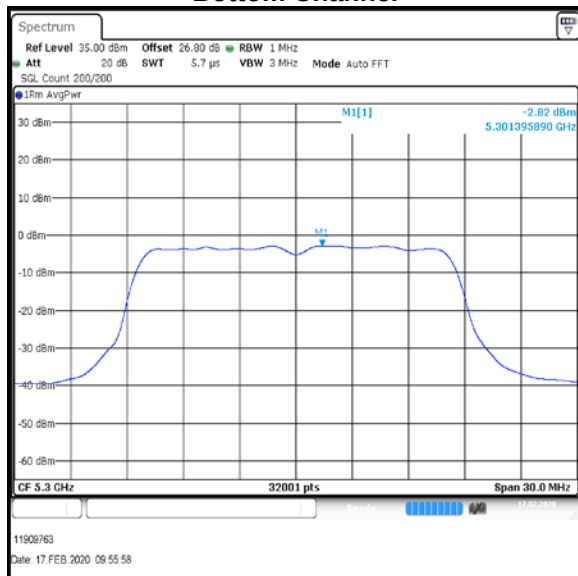
Results: 802.11a / 20 MHz / 9Mbit / MIMO / Port 1+2+3 / PWL 16 / 9 dBi Antenna / Port 2



Bottom Channel



Middle Channel

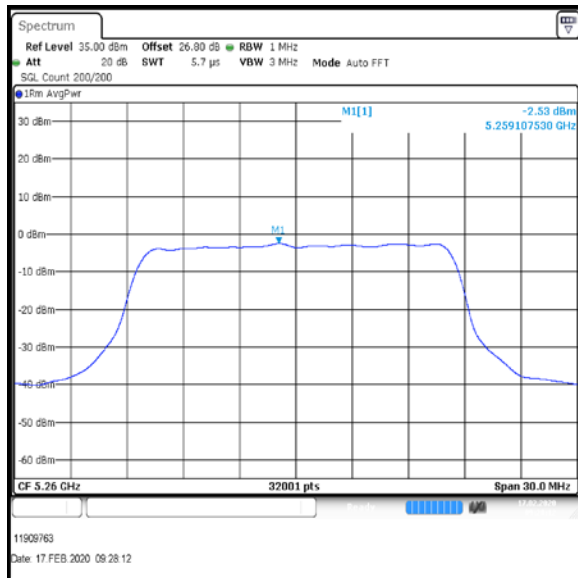


Top-1 Channel

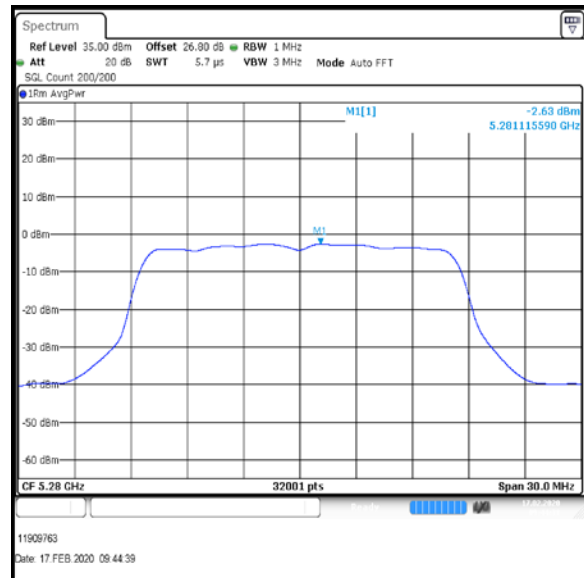
Result: **Pass**

Transmitter Maximum Power Spectral Density (continued)

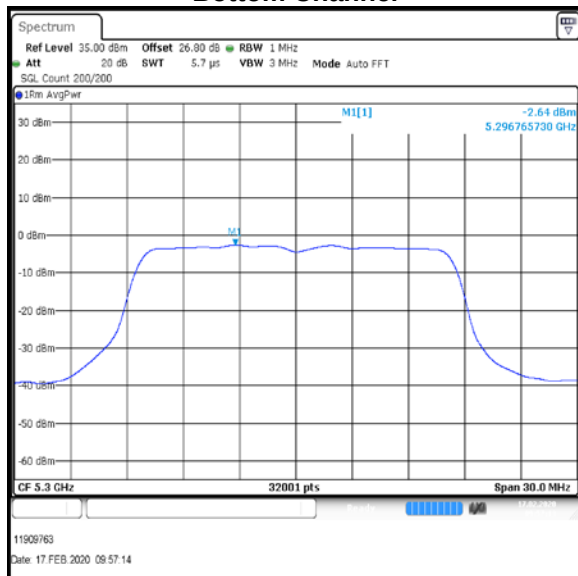
Results: 802.11a / 20 MHz / 9Mbit / MIMO / Port 1+2+3 / PWL 16 / 9 dBi Antenna / Port 3



Bottom Channel



Middle Channel



Top-1 Channel

Result: **Pass**

Transmitter Maximum Power Spectral Density (continued)

Results: 802.11a / 20 MHz / 9Mbit / MIMO / Port 1+2+3 / PWL 13 / 9 dBi Antenna

Channel	Port 1 PSD (dBm/MHz)	Duty Cycle Correction (dB)	Port 1 Corrected PSD (dBm/MHz)	Port 2 PSD (dBm/MHz)	Duty Cycle Correction (dB)	Port 2 Corrected PSD (dBm/MHz)
Top	-4.0	0.4	-3.6	-4.0	0.4	-3.6

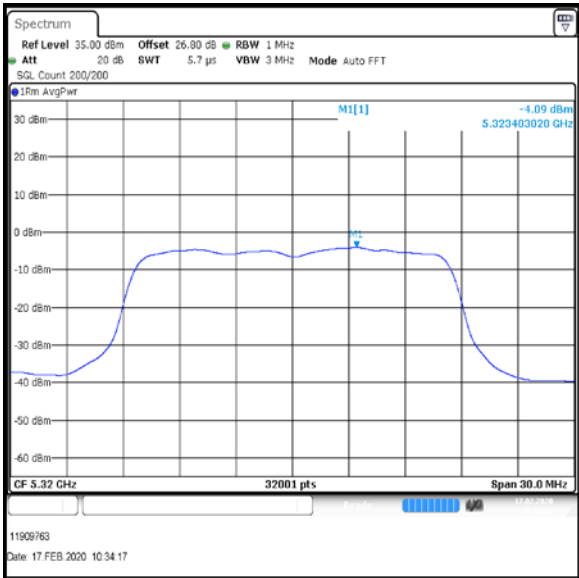
Channel	Port 3 PSD (dBm/MHz)	Duty Cycle Correction (dB)	Port 3 Corrected PSD (dBm/MHz)
Top	-5.5	0.4	-5.1

Channel	Corrected PSD Port 1 (dBm/MHz)	Corrected PSD Port 2 (dBm/MHz)	Corrected PSD Port 3 (dBm/MHz)	Port 1+2+3 Combined PSD (dBm/MHz)
Top	-3.6	-3.6	-5.1	0.5

Channel	Combined Conducted PSD (dBm/MHz)	Limit (dBm/MHz)	Margin (dB)	Result
Top	0.5	3.2	2.7	Complied

Result: Pass

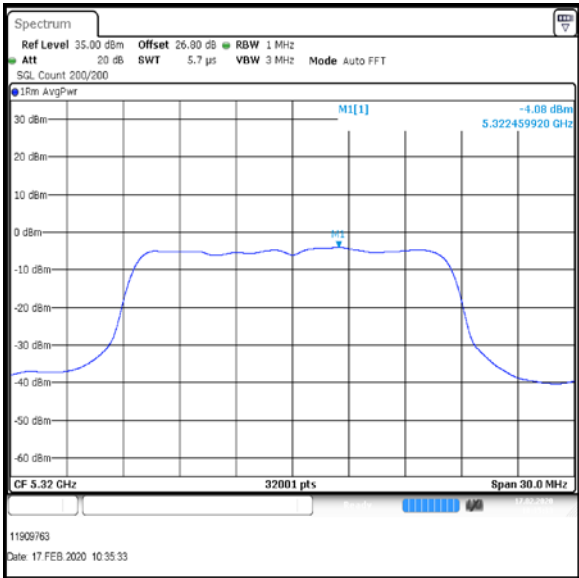
Transmitter Maximum Power Spectral Density (continued)
Results: 802.11a / 20 MHz / 9Mbit / MIMO / Port 1+2+3 / PWL 13 / 9 dBi Antenna / Port 1



Top Channel

Result: **Pass**

Transmitter Maximum Power Spectral Density (continued)
Results: 802.11a / 20 MHz / 9Mbit / MIMO / Port 1+2+3 / PWL 13 / 9 dBi Antenna / Port 2

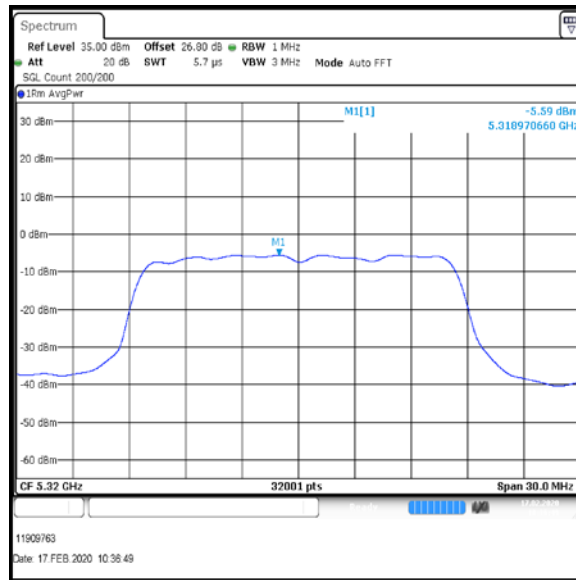


Top Channel

Result: **Pass**

Transmitter Maximum Power Spectral Density (continued)

Results: 802.11a / 20 MHz / 9Mbit / MIMO / Port 1+2+3 / PWL 13 / 9 dBi Antenna / Port 3



Top Channel

Result: Pass

Transmitter Maximum Power Spectral Density (continued)

Results: 802.11n / HT20 / MCS3 / MIMO / Port 1+2+3 / PWL 16 / 9 dBi Antenna

Channel	Port 1 PSD (dBm/MHz)	Duty Cycle Correction (dB)	Port 1 Corrected PSD (dBm/MHz)	Port 2 PSD (dBm/MHz)	Duty Cycle Correction (dB)	Port 2 Corrected PSD (dBm/MHz)
Bottom	-4.0	1.0	-3.0	-3.6	1.0	-2.6
Middle	-3.8	1.0	-2.8	-3.4	1.0	-2.4
Top-1	-4.2	1.0	-3.2	-3.5	1.0	-2.5

Channel	Port 3 PSD (dBm/MHz)	Duty Cycle Correction (dB)	Port 3 Corrected PSD (dBm/MHz)
Bottom	-3.5	1.0	-2.5
Middle	-3.7	1.0	-2.7
Top-1	-3.6	1.0	-2.6

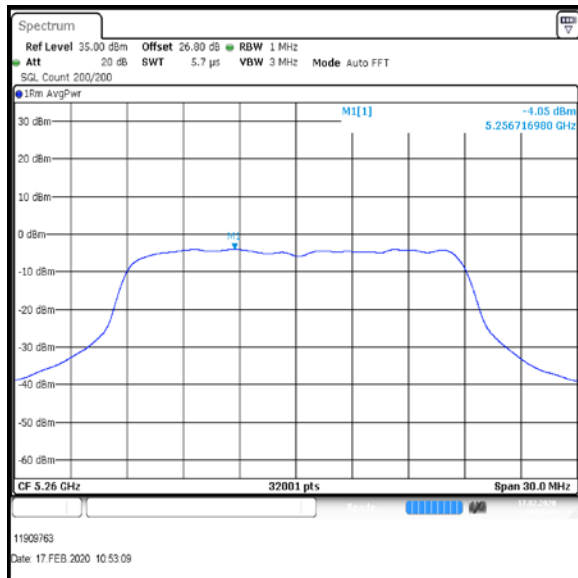
Channel	Corrected PSD Port 1 (dBm/MHz)	Corrected PSD Port 2 (dBm/MHz)	Corrected PSD Port 3 (dBm/MHz)	Port 1+2+3 Combined PSD (dBm/MHz)
Bottom	-3.0	-2.6	-2.5	1.9
Middle	-2.8	-2.4	-2.7	1.9
Top-1	-3.2	-2.5	-2.6	1.6

Channel	Combined Conducted PSD (dBm/MHz)	Limit (dBm/MHz)	Margin (dB)	Result
Bottom	1.9	3.2	1.3	Complied
Middle	1.9	3.2	1.3	Complied
Top-1	1.6	3.2	1.6	Complied

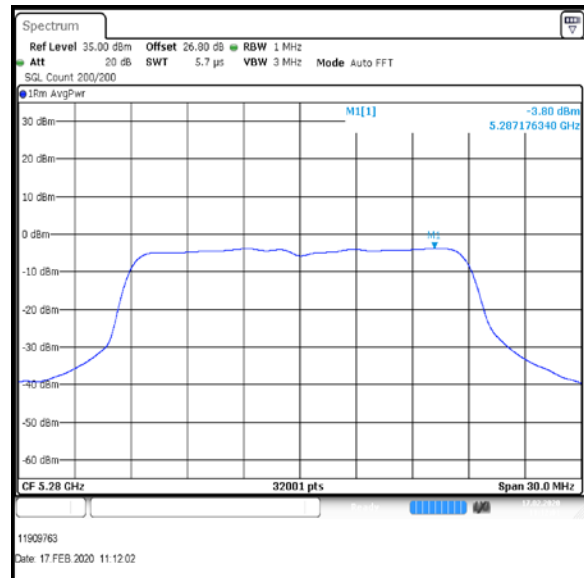
Result: **Pass**

Transmitter Maximum Power Spectral Density (continued)

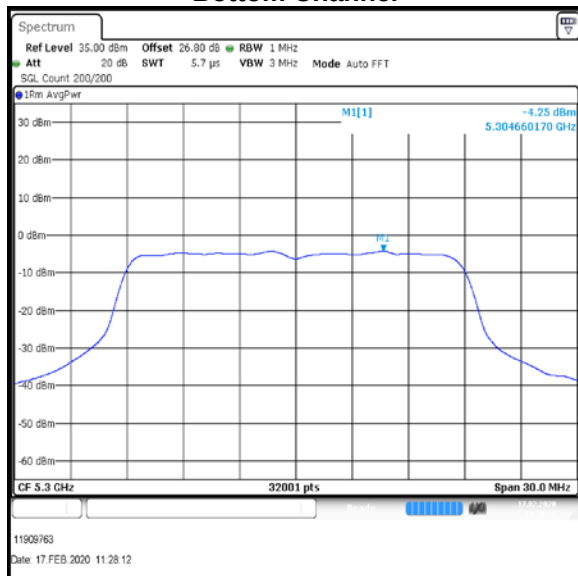
Results: 802.11n / HT20 / MCS3 / MIMO / Port 1+2+3 / PWL 16 / 9 dBi Antenna / Port 1



Bottom Channel



Middle Channel

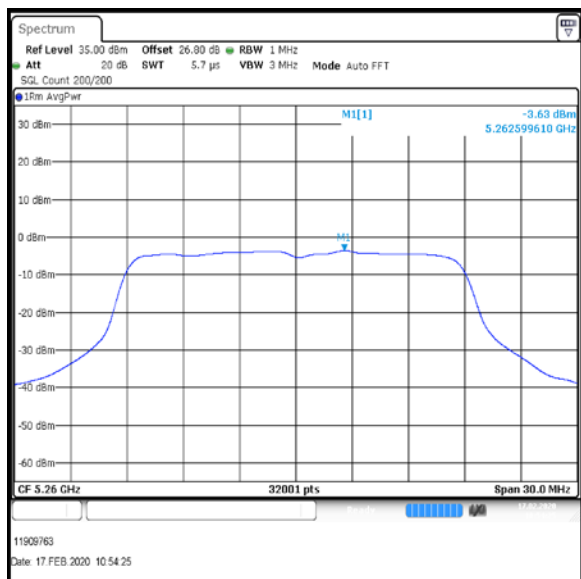


Top-1 Channel

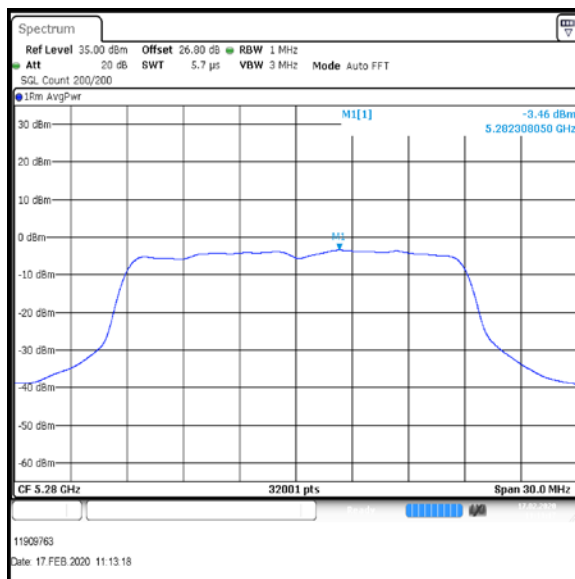
Result: **Pass**

Transmitter Maximum Power Spectral Density (continued)

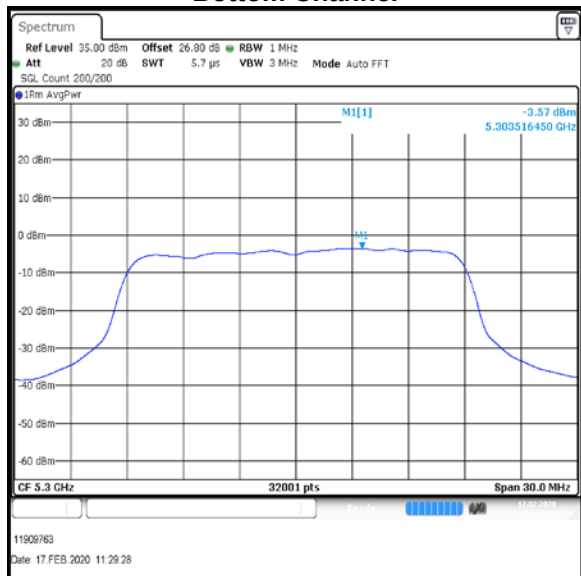
Results: 802.11n / HT20 / MCS3 / MIMO / Port 1+2+3 / PWL 16 / 9 dBi Antenna / Port 2



Bottom Channel



Middle Channel

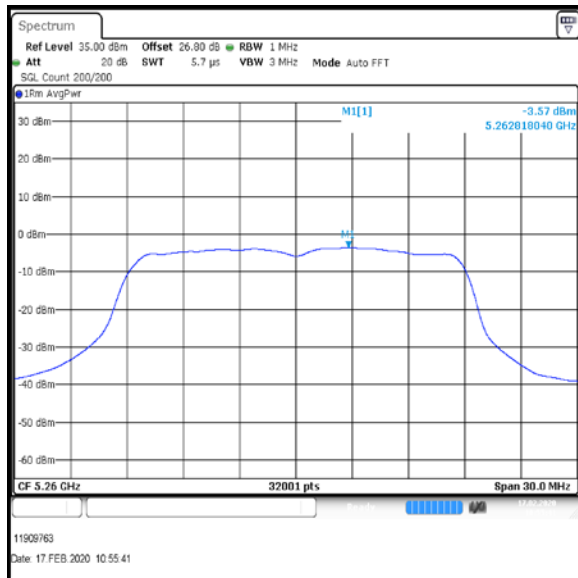


Top-1 Channel

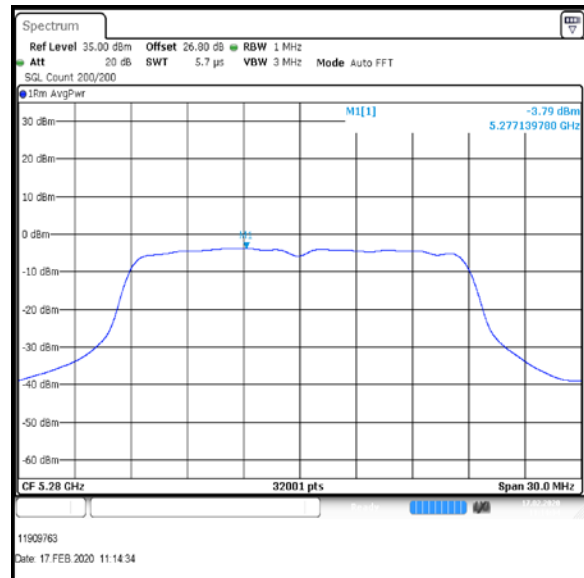
Result: **Pass**

Transmitter Maximum Power Spectral Density (continued)

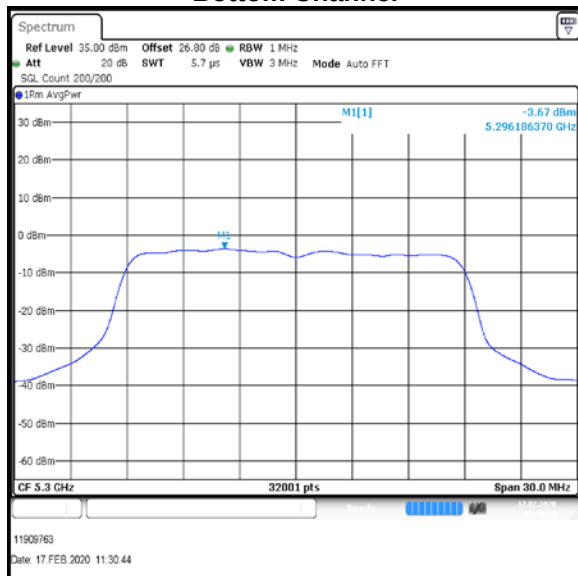
Results: 802.11n / HT20 / MCS3 / MIMO / Port 1+2+3 / PWL 16 / 9 dBi Antenna / Port 3



Bottom Channel



Middle Channel



Top-1 Channel

Result: **Pass**

Transmitter Maximum Power Spectral Density (continued)

Results: 802.11n / HT20 / MCS3 / MIMO / Port 1+2+3 / PWL 13 / 9 dBi Antenna

Channel	Port 1 PSD (dBm/MHz)	Duty Cycle Correction (dB)	Port 1 Corrected PSD (dBm/MHz)	Port 2 PSD (dBm/MHz)	Duty Cycle Correction (dB)	Port 2 Corrected PSD (dBm/MHz)
Top	-5.8	1.0	-4.8	-5.3	1.0	-4.3

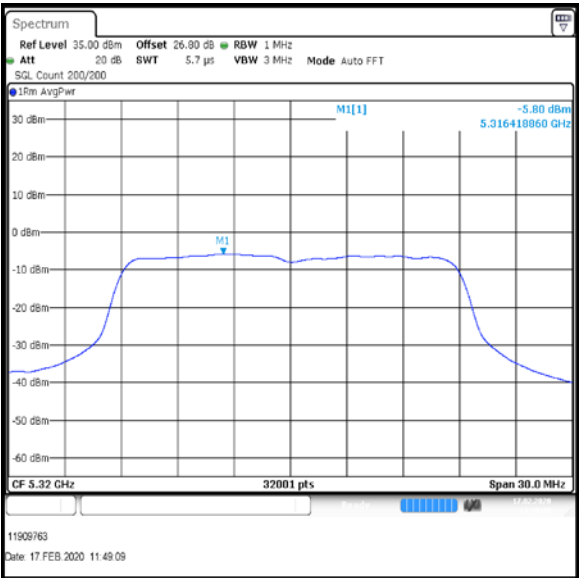
Channel	Port 3 PSD (dBm/MHz)	Duty Cycle Correction (dB)	Port 3 Corrected PSD (dBm/MHz)
Top	-7.0	1.0	-6.0

Channel	Corrected PSD Port 1 (dBm/MHz)	Corrected PSD Port 2 (dBm/MHz)	Corrected PSD Port 3 (dBm/MHz)	Port 1+2+3 Combined PSD (dBm/MHz)
Top	-4.8	-4.3	-6.0	-0.4

Channel	Combined Conducted PSD (dBm/MHz)	Limit (dBm/MHz)	Margin (dB)	Result
Top	-0.4	3.2	3.6	Complied

Result: Pass

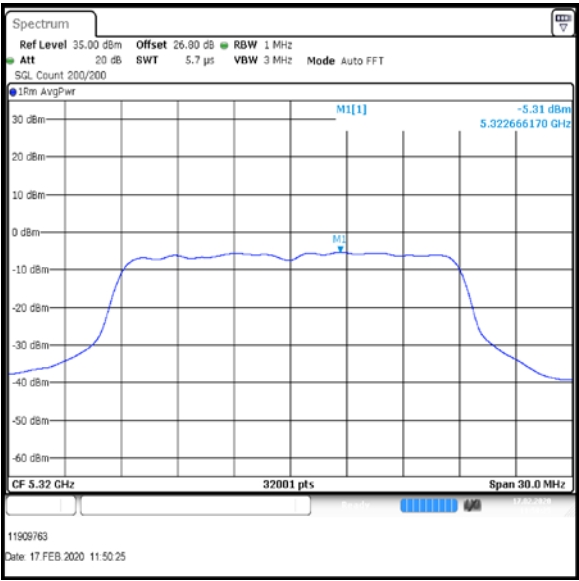
Transmitter Maximum Power Spectral Density (continued)
Results: 802.11n / HT20 / MCS3 / MIMO / Port 1+2+3 / PWL 13 / 9 dBi Antenna / Port 1



Top Channel

Result: **Pass**

Transmitter Maximum Power Spectral Density (continued)
Results: 802.11n / HT20 / MCS3 / MIMO / Port 1+2+3 / PWL 13 / 9 dBi Antenna / Port 2

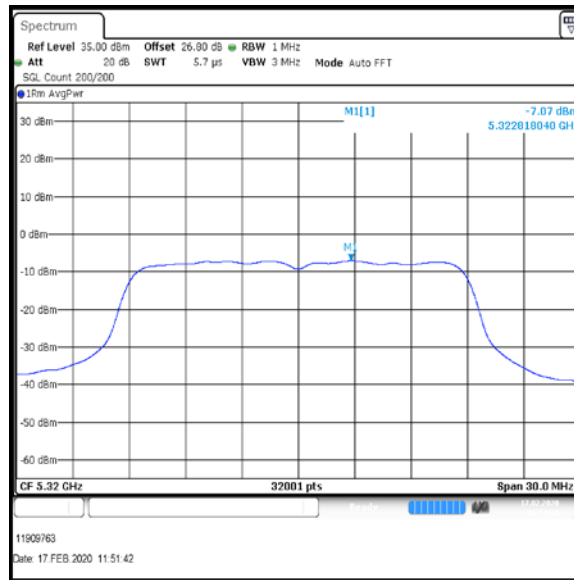


Top Channel

Result: **Pass**

Transmitter Maximum Power Spectral Density (continued)

Results: 802.11n / HT20 / MCS3 / MIMO / Port 1+2+3 / PWL 13 / 9 dBi Antenna / Port 3



Top Channel

Result: Pass

Transmitter Maximum Power Spectral Density (continued)

Results: 802.11n / HT20 / MCS7 / MIMO / Port 1+2+3 / PWL 16 / 9 dBi Antenna

Channel	Port 1 PSD (dBm/MHz)	Duty Cycle Correction (dB)	Port 1 Corrected PSD (dBm/MHz)	Port 2 PSD (dBm/MHz)	Duty Cycle Correction (dB)	Port 2 Corrected PSD (dBm/MHz)
Bottom	-4.8	1.8	-3.0	-4.7	1.8	-2.9
Middle	-4.9	1.8	-3.1	-4.9	1.8	-3.1
Top-1	-4.6	1.8	-2.8	-5.0	1.8	-3.2

Channel	Port 3 PSD (dBm/MHz)	Duty Cycle Correction (dB)	Port 3 Corrected PSD (dBm/MHz)
Bottom	-4.1	1.8	-2.3
Middle	-4.4	1.8	-2.6
Top-1	-4.2	1.8	-2.4

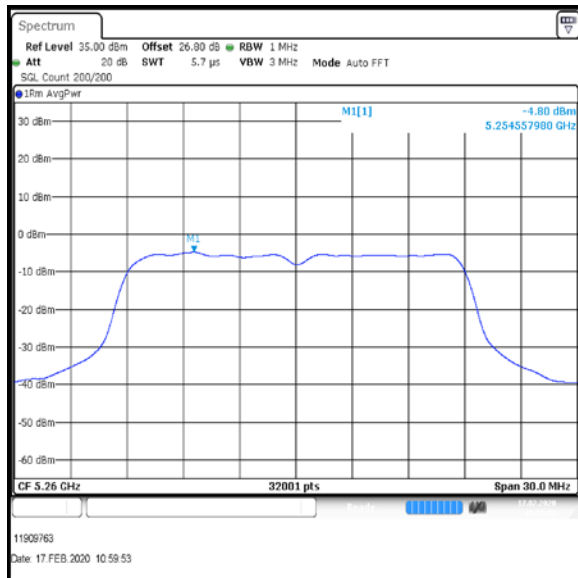
Channel	Corrected PSD Port 1 (dBm/MHz)	Corrected PSD Port 2 (dBm/MHz)	Corrected PSD Port 3 (dBm/MHz)	Port 1+2+3 Combined PSD (dBm/MHz)
Bottom	-3.0	-2.9	-2.3	1.7
Middle	-3.1	-3.1	-2.6	1.4
Top-1	-2.8	-3.2	-2.4	1.7

Channel	Combined Conducted PSD (dBm/MHz)	Limit (dBm/MHz)	Margin (dB)	Result
Bottom	1.7	3.2	1.5	Complied
Middle	1.4	3.2	1.8	Complied
Top-1	1.7	3.2	1.5	Complied

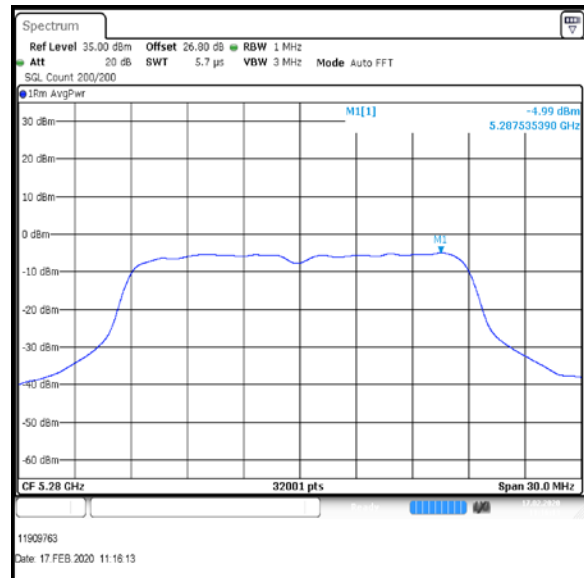
Result: Pass

Transmitter Maximum Power Spectral Density (continued)

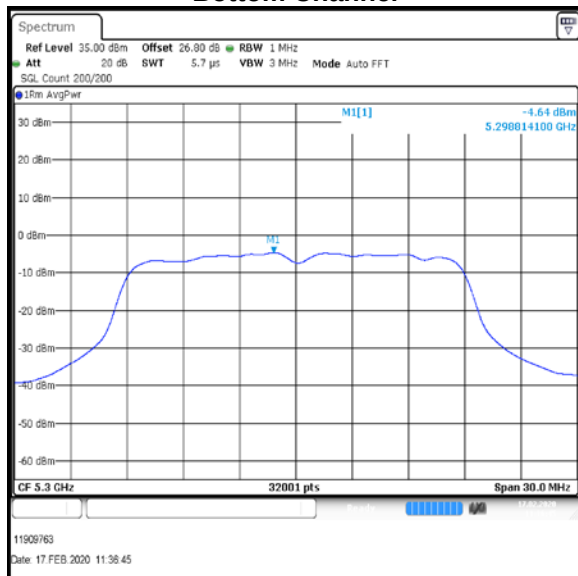
Results: 802.11n / HT20 / MCS7 / MIMO / Port 1+2+3 / PWL 16 / 9 dBi Antenna / Port 1



Bottom Channel



Middle Channel

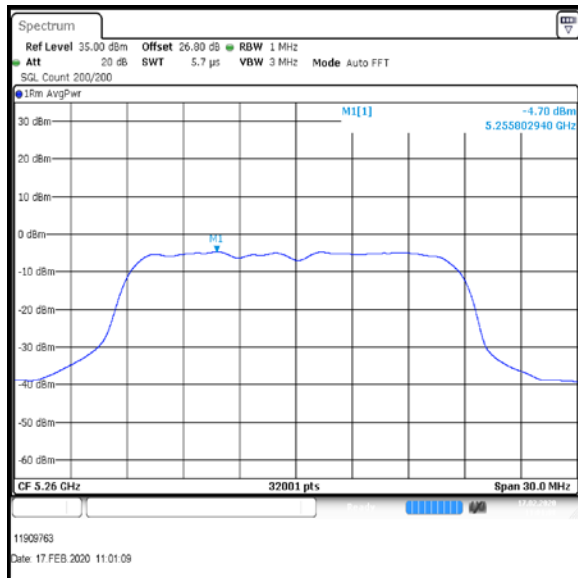


Top-1 Channel

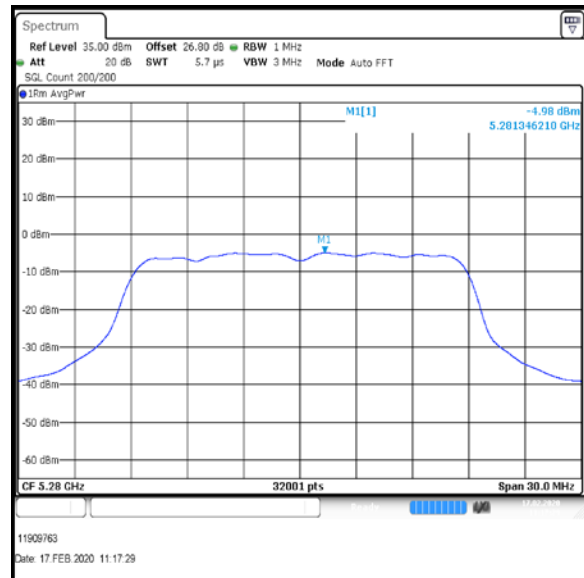
Result: **Pass**

Transmitter Maximum Power Spectral Density (continued)

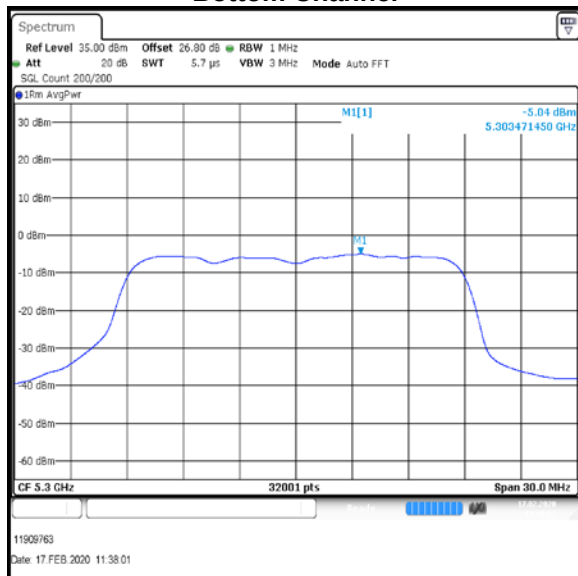
Results: 802.11n / HT20 / MCS7 / MIMO / Port 1+2+3 / PWL 16 / 9 dBi Antenna / Port 2



Bottom Channel



Middle Channel

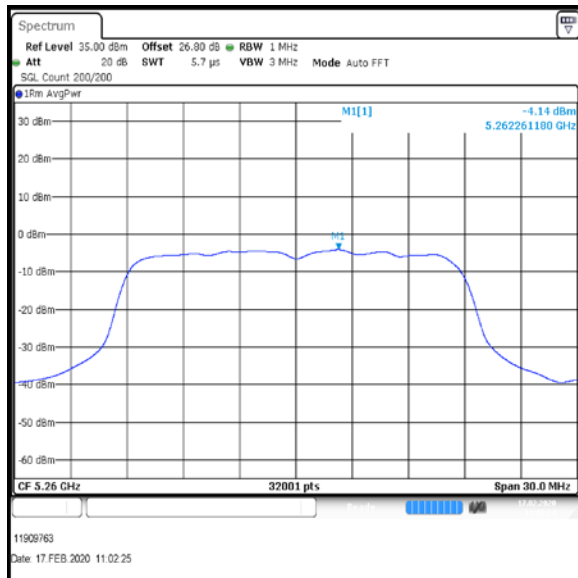


Top-1 Channel

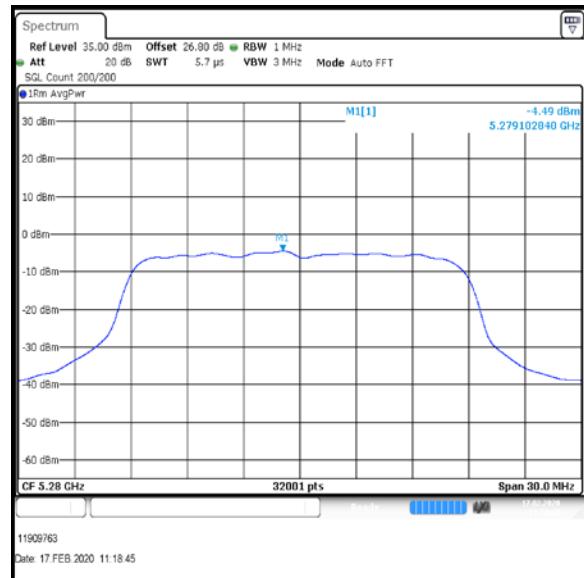
Result: **Pass**

Transmitter Maximum Power Spectral Density (continued)

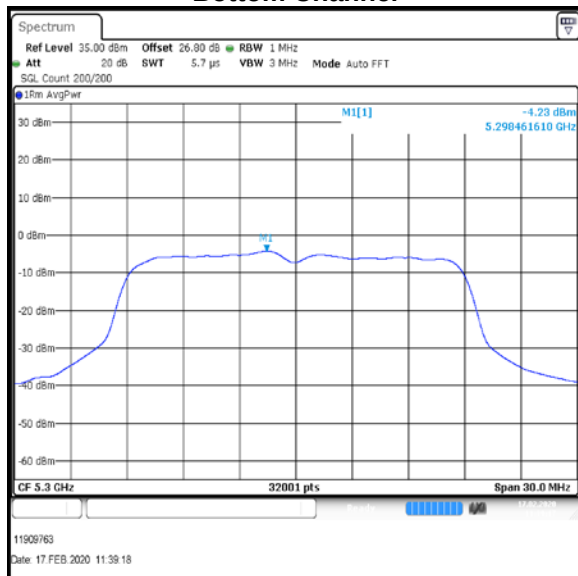
Results: 802.11n / HT20 / MCS7 / MIMO / Port 1+2+3 / PWL 16 / 9 dBi Antenna / Port 3



Bottom Channel



Middle Channel



Top-1 Channel

Result: **Pass**

Transmitter Maximum Power Spectral Density (continued)

Results: 802.11n / HT20 / MCS7 / MIMO / Port 1+2+3 / PWL 13 / 9 dBi Antenna

Channel	Port 1 PSD (dBm/MHz)	Duty Cycle Correction (dB)	Port 1 Corrected PSD (dBm/MHz)	Port 2 PSD (dBm/MHz)	Duty Cycle Correction (dB)	Port 2 Corrected PSD (dBm/MHz)
Top	-6.8	1.8	-5.0	-6.7	1.8	-4.9

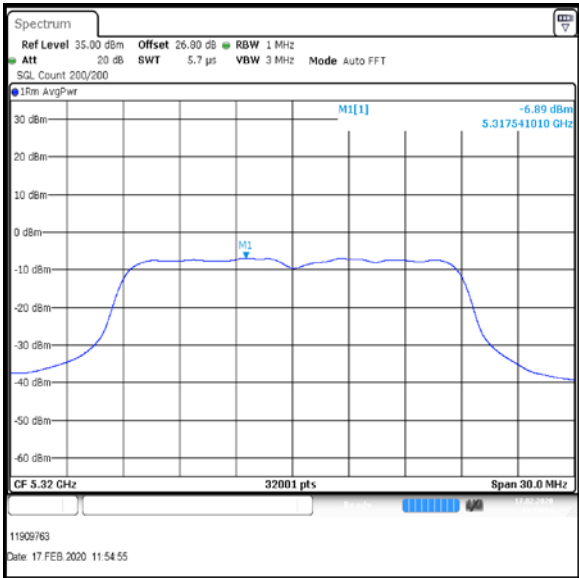
Channel	Port 3 PSD (dBm/MHz)	Duty Cycle Correction (dB)	Port 3 Corrected PSD (dBm/MHz)
Top	-7.7	1.8	-5.9

Channel	Corrected PSD Port 1 (dBm/MHz)	Corrected PSD Port 2 (dBm/MHz)	Corrected PSD Port 3 (dBm/MHz)	Port 1+2+3 Combined PSD (dBm/MHz)
Top	-5.0	-4.9	-5.9	-0.7

Channel	Combined Conducted PSD (dBm/MHz)	Limit (dBm/MHz)	Margin (dB)	Result
Top	-0.7	3.2	3.9	Complied

Result: **Pass**

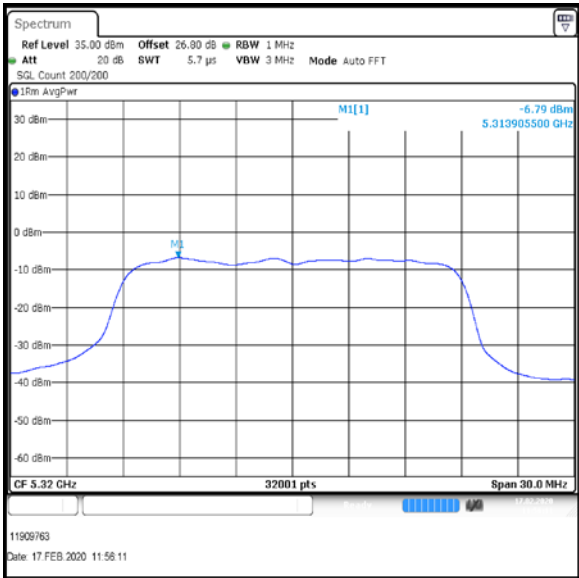
Transmitter Maximum Power Spectral Density (continued)
Results: 802.11n / HT20 / MCS7 / MIMO / Port 1+2+3 / PWL 13 / 9 dBi Antenna / Port 1



Top Channel

Result: **Pass**

Transmitter Maximum Power Spectral Density (continued)
Results: 802.11n / HT20 / MCS7 / MIMO / Port 1+2+3 / PWL 13 / 9 dBi Antenna / Port 2

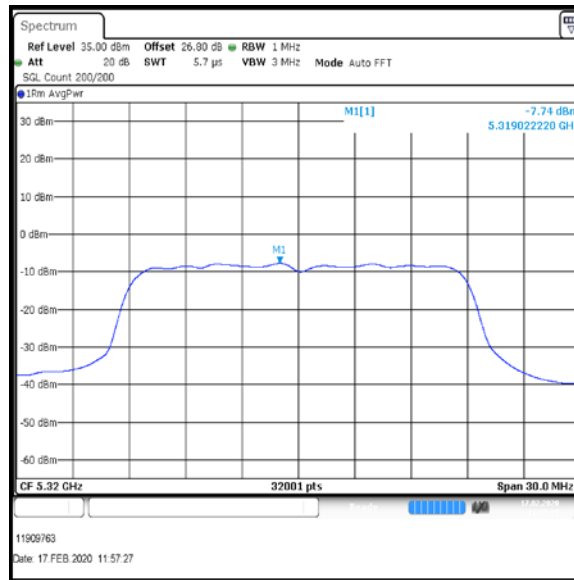


Top Channel

Result: **Pass**

Transmitter Maximum Power Spectral Density (continued)

Results: 802.11n / HT20 / MCS7 / MIMO / Port 1+2+3 / PWL 13 / 9 dBi Antenna / Port 3



Top Channel

Result: Pass