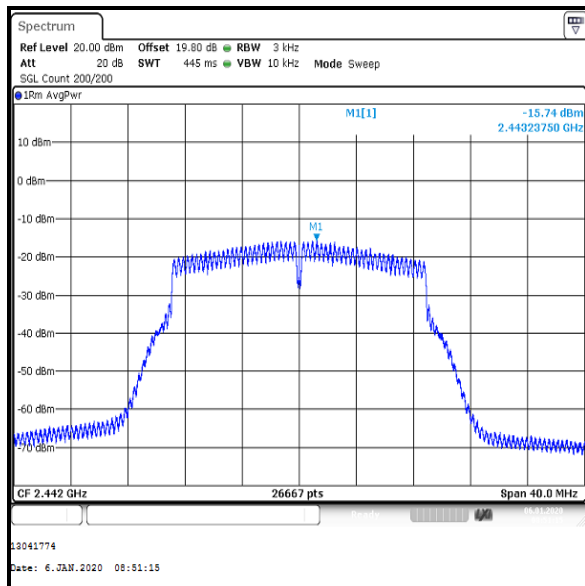
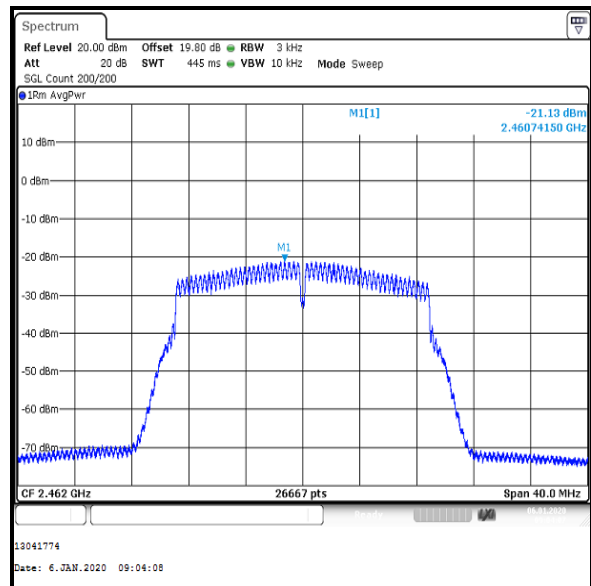
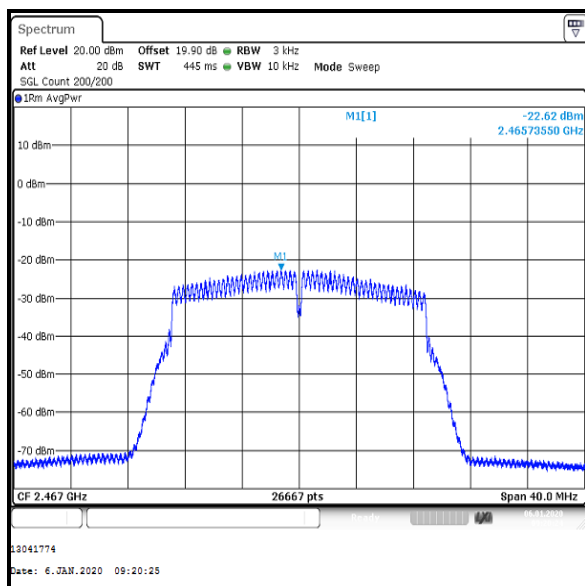
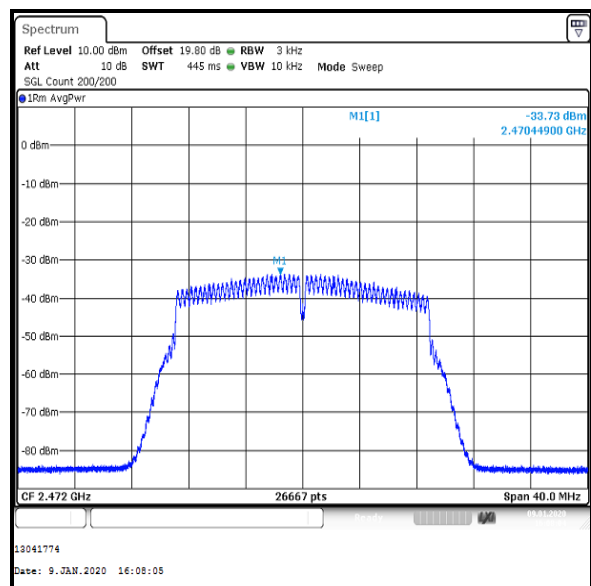
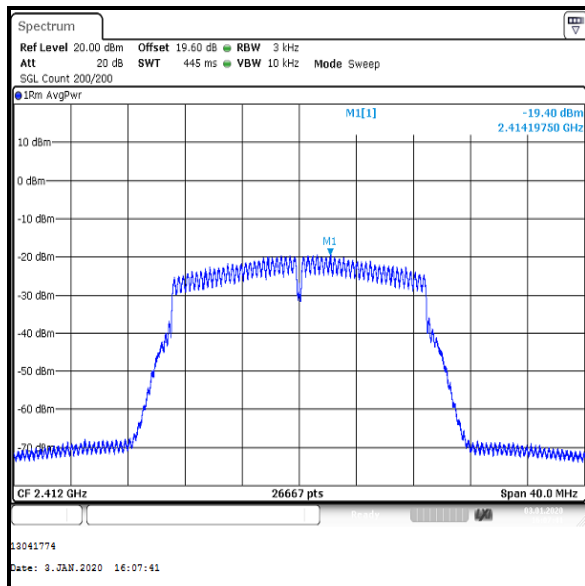
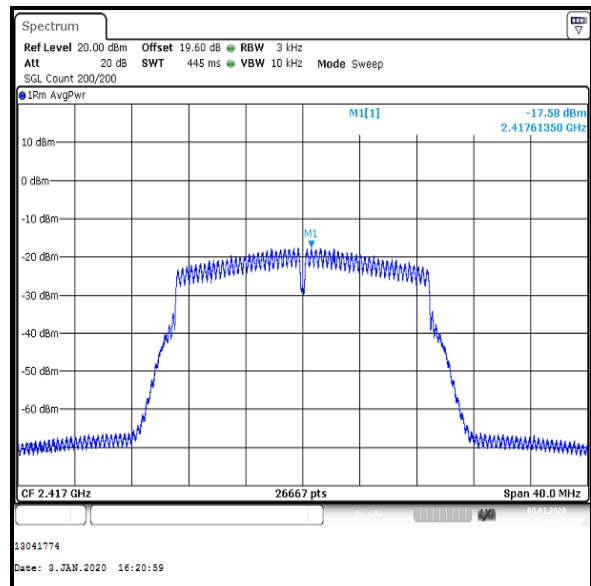
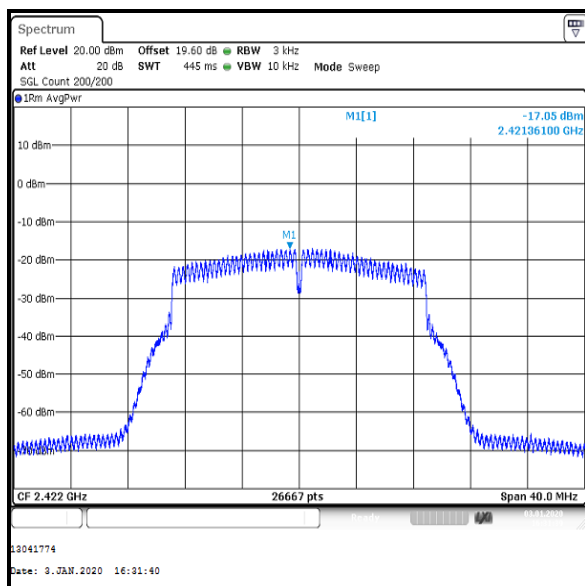
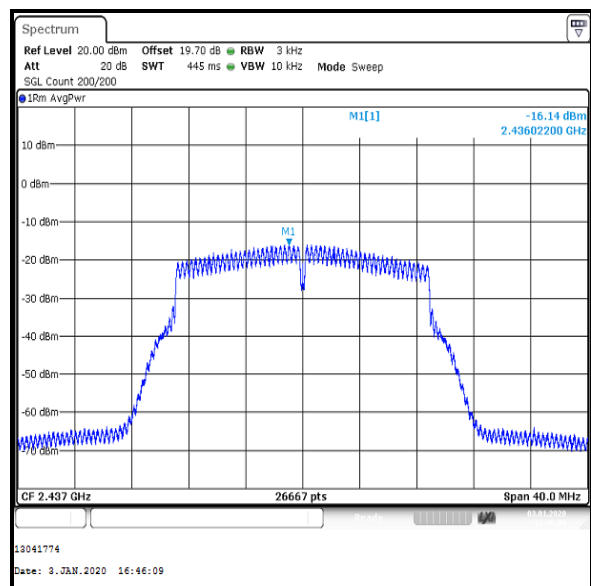
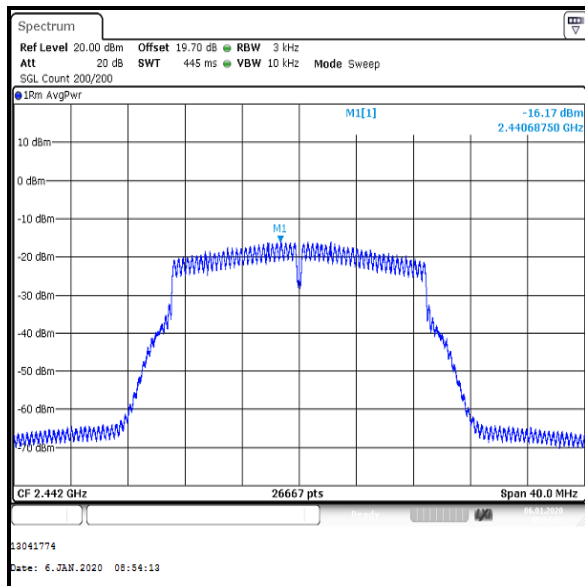
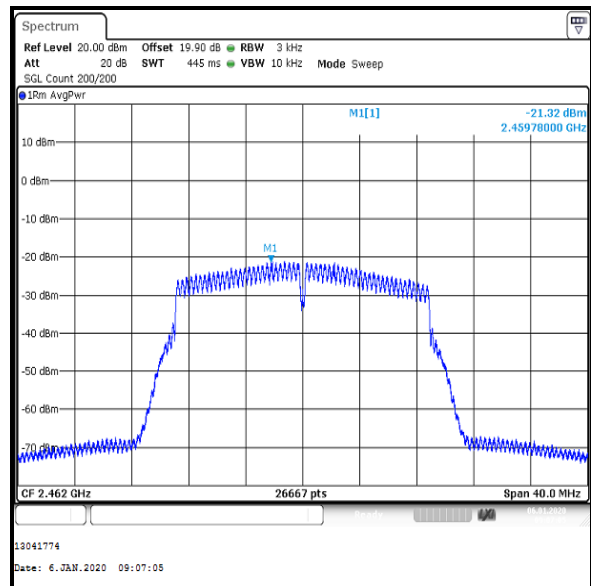
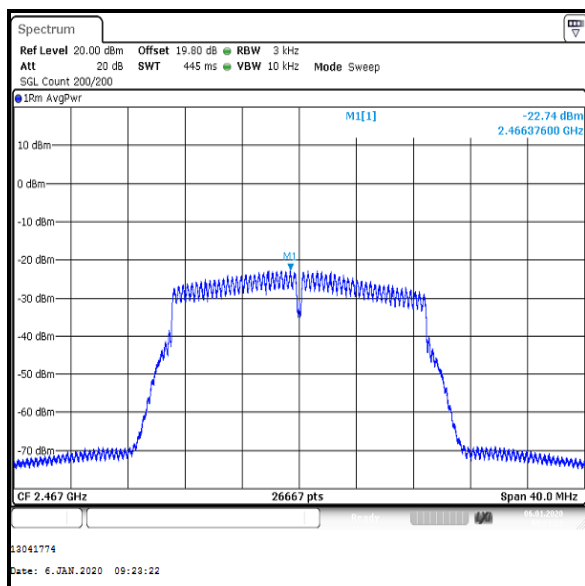
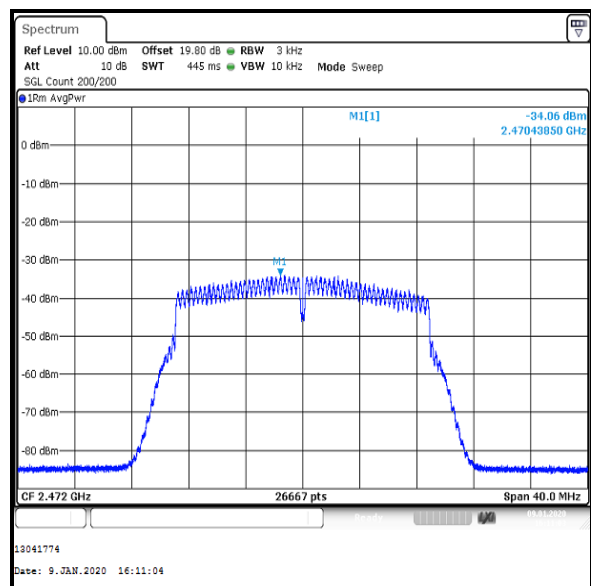
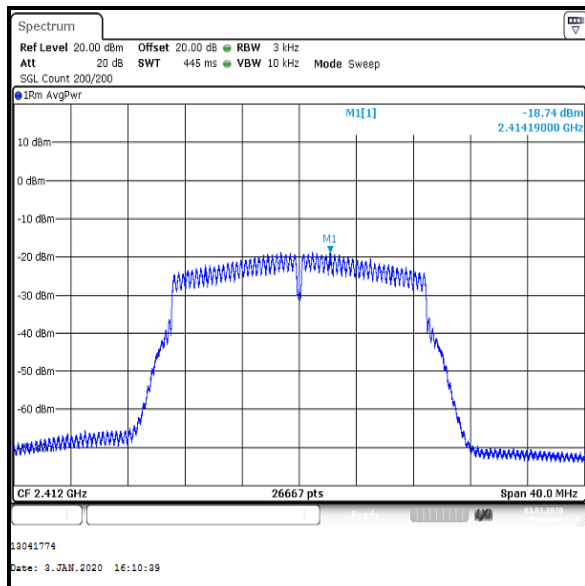
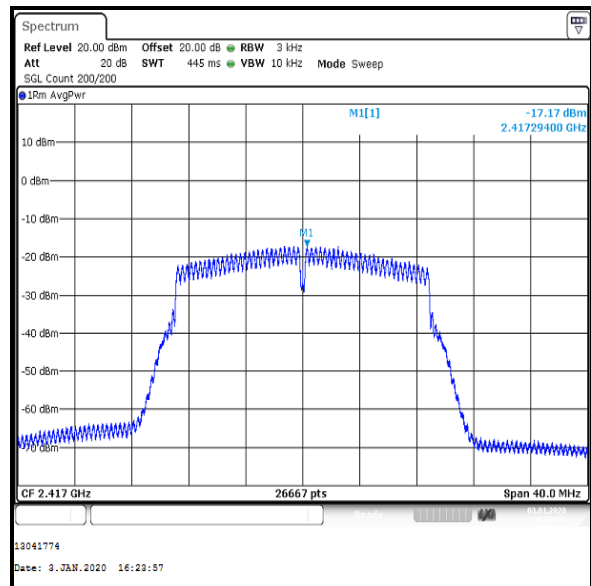
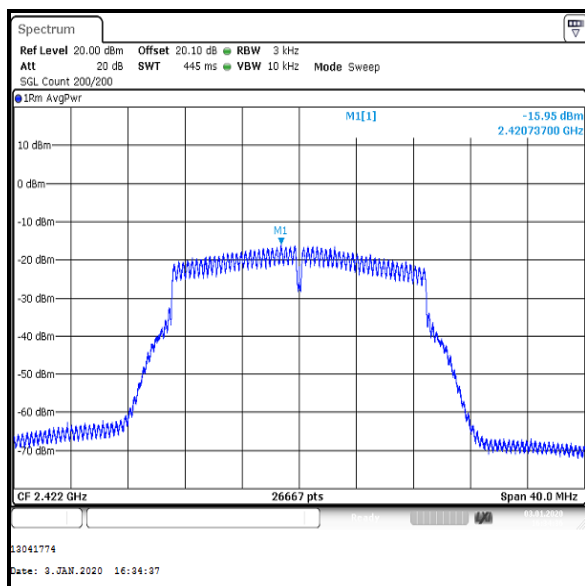
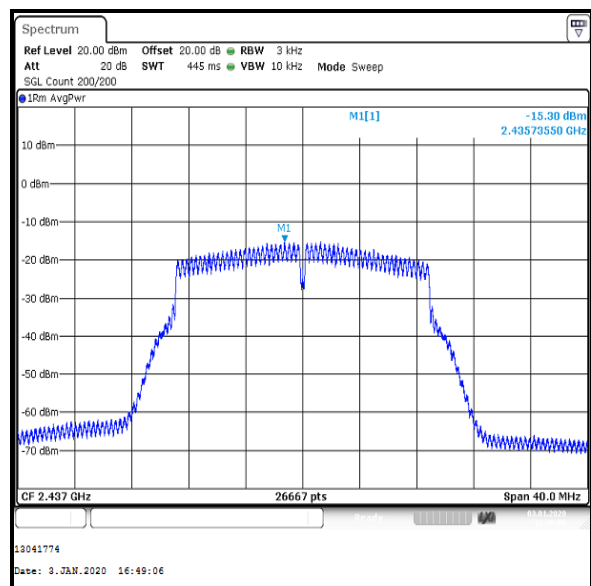
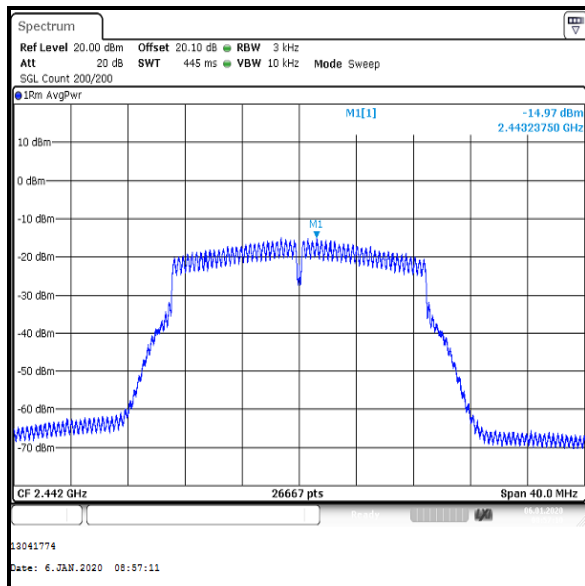
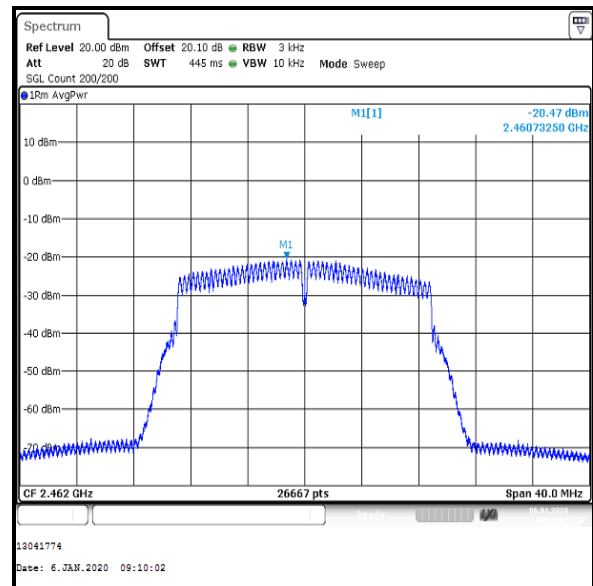
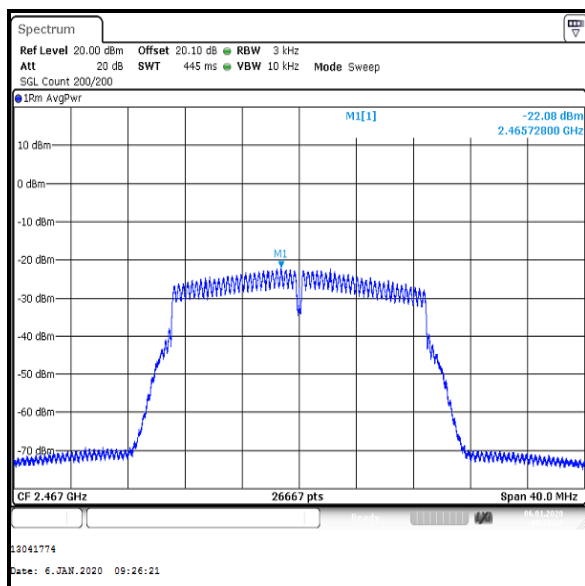
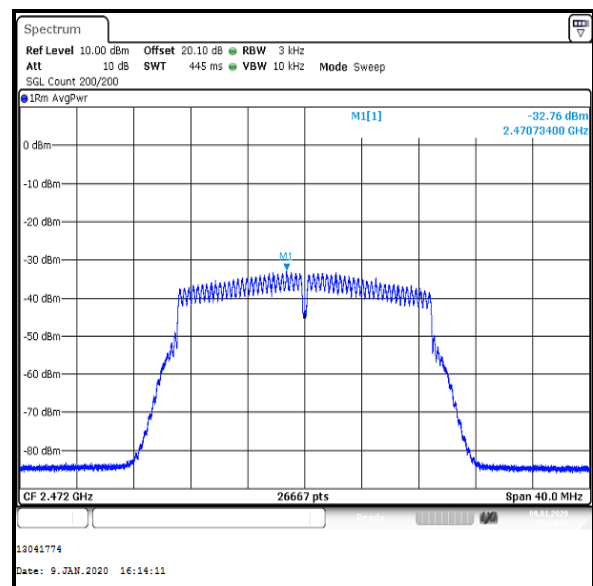


Transmitter Power Spectral Density (continued)**Results: 802.11n / HT20 / MIMO / 3Tx CDD / BPSK / MCS0 / Core 0****Channel 7****Channel 11****Channel 12****Channel 13**

Transmitter Power Spectral Density (continued)**Results: 802.11n / HT20 / MIMO / 3Tx CDD / BPSK / MCS0 / Core 1****Channel 1****Channel 2****Channel 3****Channel 6**

Transmitter Power Spectral Density (continued)**Results: 802.11n / HT20 / MIMO / 3Tx CDD / BPSK / MCS0 / Core 1****Channel 7****Channel 11****Channel 12****Channel 13**

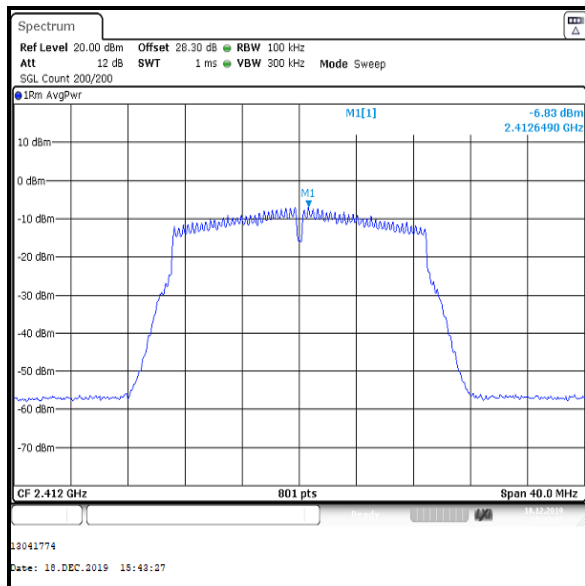
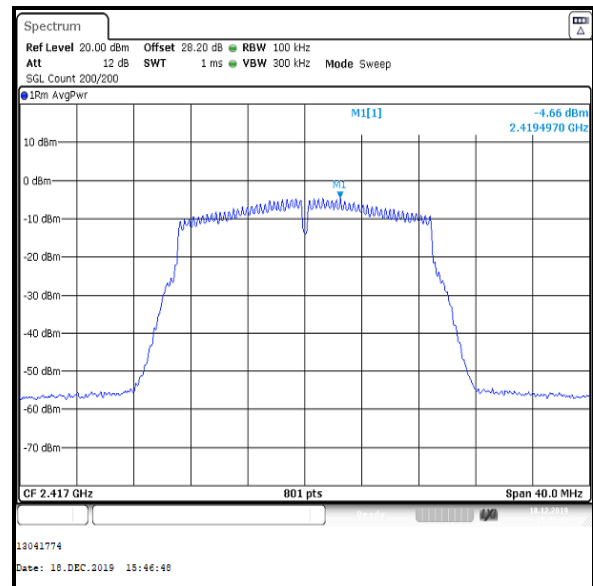
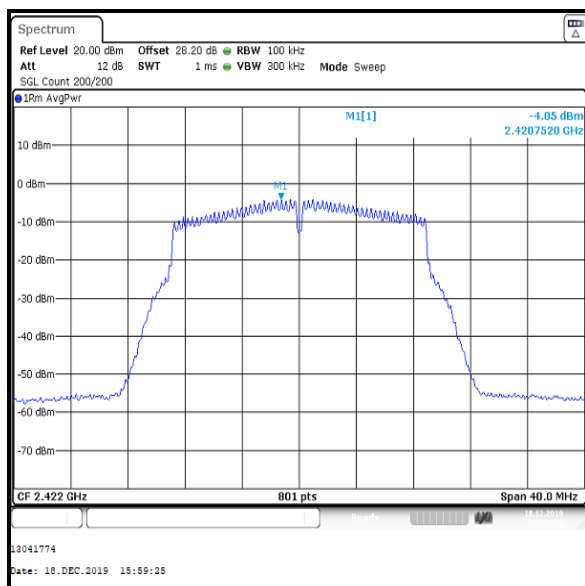
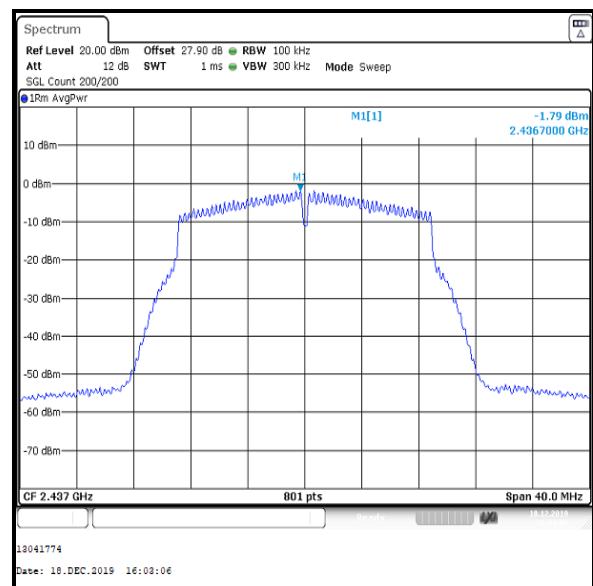
Transmitter Power Spectral Density (continued)**Results: 802.11n / HT20 / MIMO / 3Tx CDD / BPSK / MCS0 / Core 2****Channel 1****Channel 2****Channel 3****Channel 6**

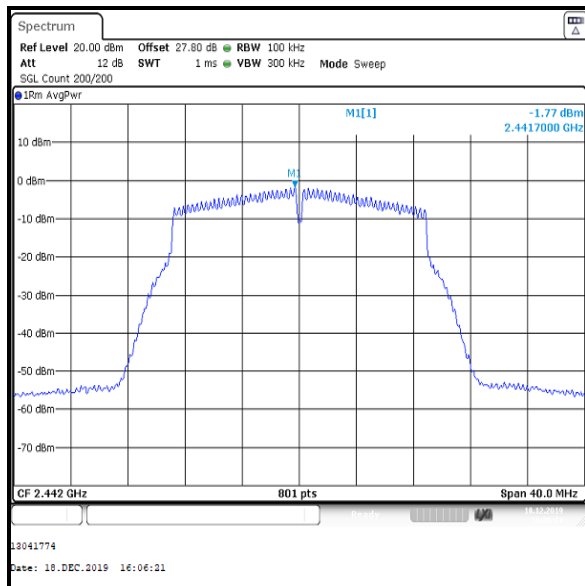
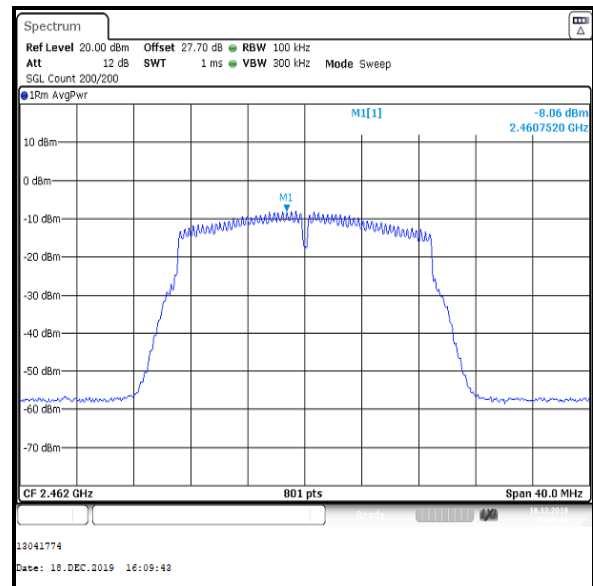
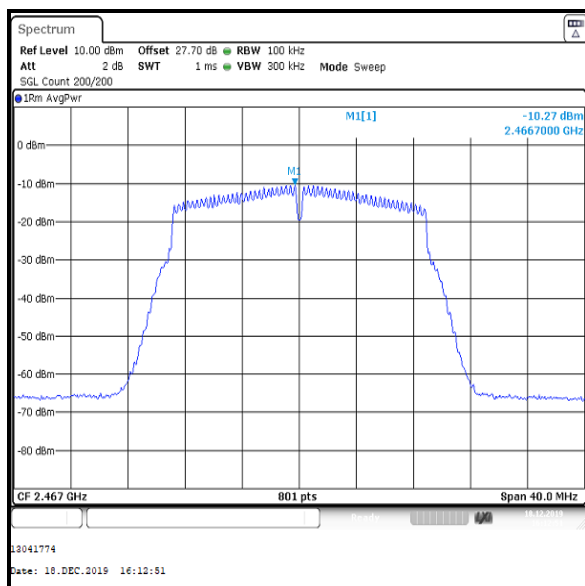
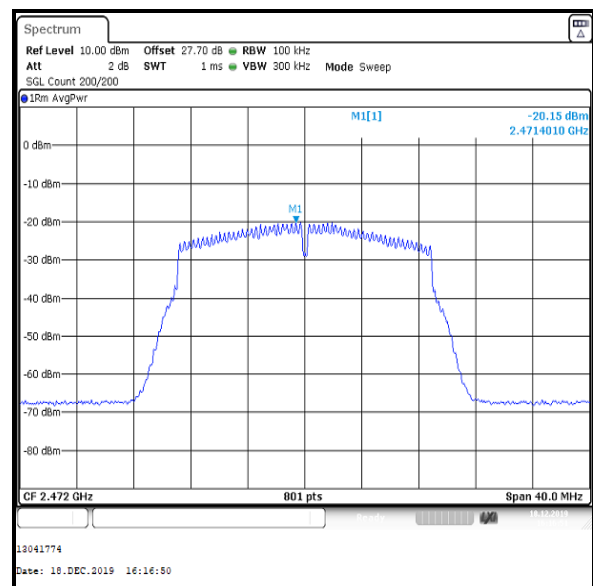
Transmitter Power Spectral Density (continued)**Results: 802.11n / HT20 / MIMO / 3Tx CDD / BPSK / MCS0 / Core 2****Channel 7****Channel 11****Channel 12****Channel 13**

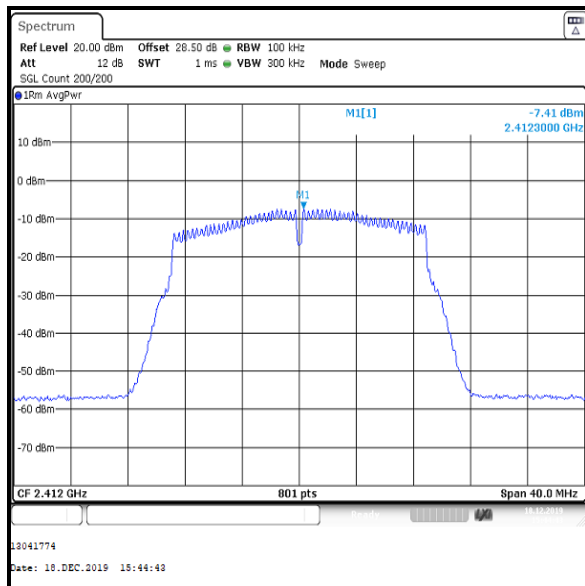
Transmitter Power Spectral Density (continued)**Results: 802.11n / HT20 / MIMO / 2Tx TxBF / BPSK / MCS0**

Channel	Core 0			Core 2		
	PSD (dBm / 100 kHz)	Duty Cycle Correction Factor (dB)	Corrected PSD (dBm / 100 kHz)	PSD (dBm / 100 kHz)	Duty Cycle Correction Factor (dB)	Corrected PSD (dBm / 100 kHz)
1	-6.8	0.1	-6.7	-7.4	0.1	-7.3
2	-4.7	0.1	-4.6	-4.6	0.1	-4.5
3	-4.0	0.1	-3.9	-4.0	0.1	-3.9
6	-1.8	0.1	-1.7	-2.1	0.1	-2.0
7	-1.8	0.1	-1.7	-1.9	0.1	-1.8
11	-8.1	0.1	-8.0	-8.6	0.1	-8.5
12	-10.3	0.1	-10.2	-10.4	0.1	-10.3
13	-20.1	0.1	-20.0	-20.2	0.1	-20.1

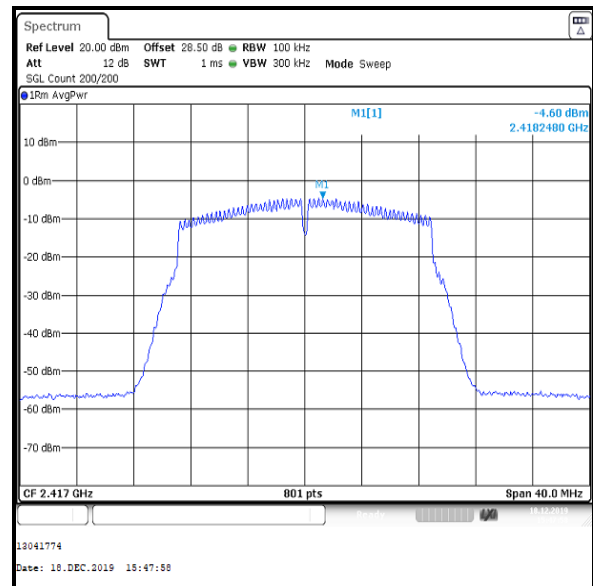
Channel	Corrected PSD / Core 0 (dBm / 100 kHz)	Corrected PSD / Core 2 (dBm / 100 kHz)	Combined PSD (dBm / 100 kHz)	Limit (dBm / 3 kHz)	Margin (dB)	Result
1	-6.7	-7.3	-4.0	8.0	12.0	Complied
2	-4.6	-4.5	-1.5	8.0	9.5	Complied
3	-3.9	-3.9	-0.9	8.0	8.9	Complied
6	-1.7	-2.0	1.2	8.0	6.8	Complied
7	-1.7	-1.8	1.3	8.0	6.7	Complied
11	-8.0	-8.5	-5.2	8.0	13.2	Complied
12	-10.2	-10.3	-7.2	8.0	15.2	Complied
13	-20.0	-20.1	-17.0	8.0	25.0	Complied

Transmitter Power Spectral Density (continued)**Results: 802.11n / HT20 / MIMO / 2Tx TxBF / BPSK / MCS0 / Core 0****Channel 1****Channel 2****Channel 3****Channel 6**

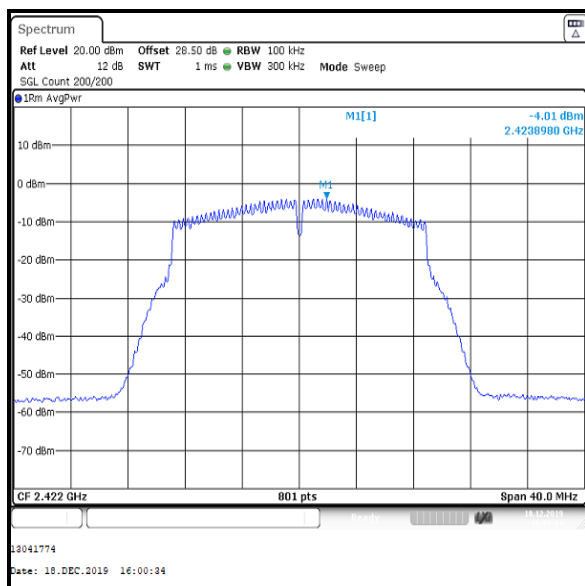
Transmitter Power Spectral Density (continued)**Results: 802.11n / HT20 / MIMO / 2Tx TxBF / BPSK / MCS0 / Core 0****Channel 7****Channel 11****Channel 12****Channel 13**

Transmitter Power Spectral Density (continued)**Results: 802.11n / HT20 / MIMO / 2Tx TxBF / BPSK / MCS0 / Core 2**

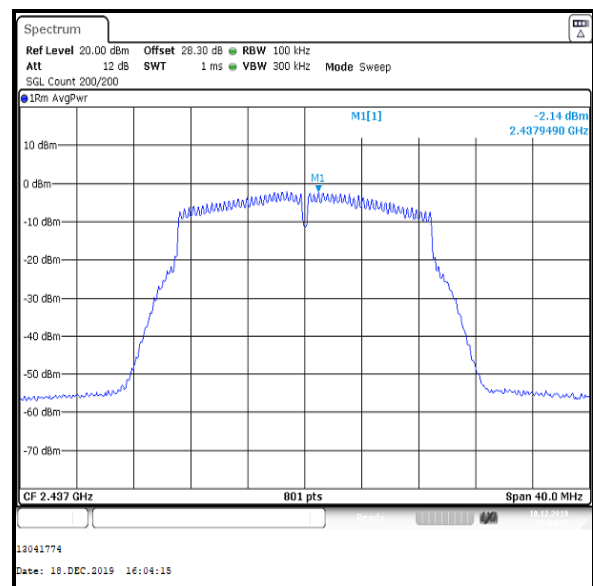
Channel 1



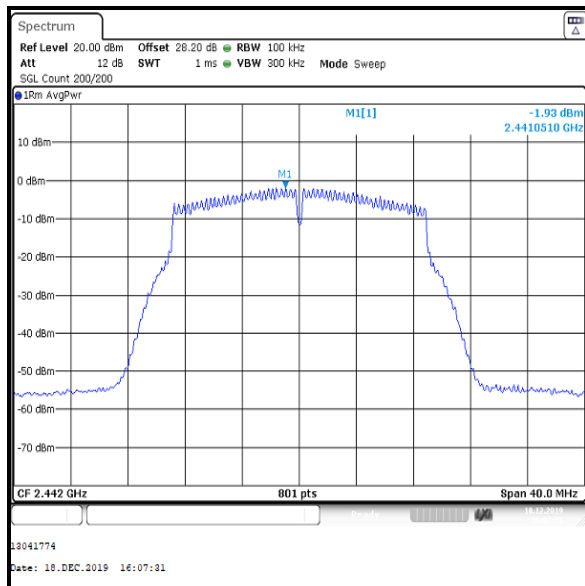
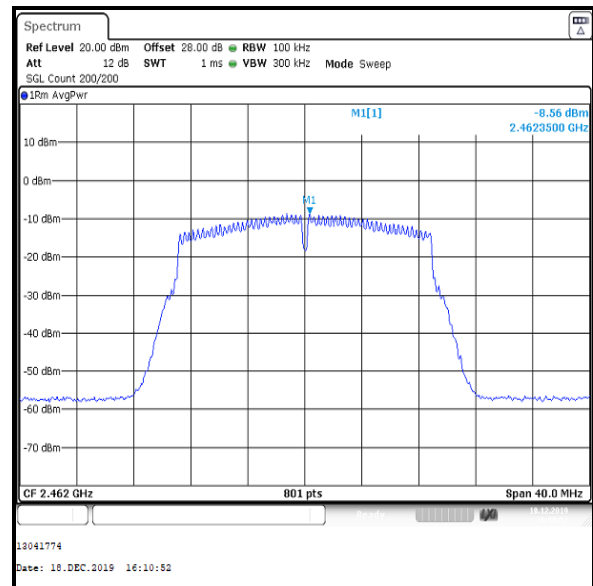
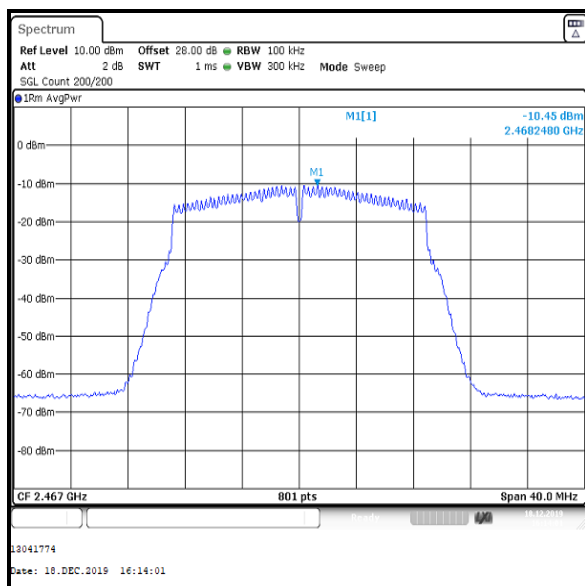
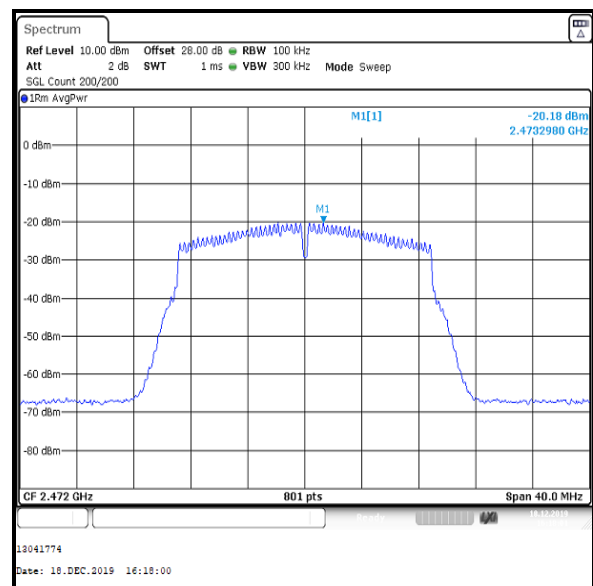
Channel 2



Channel 3



Channel 6

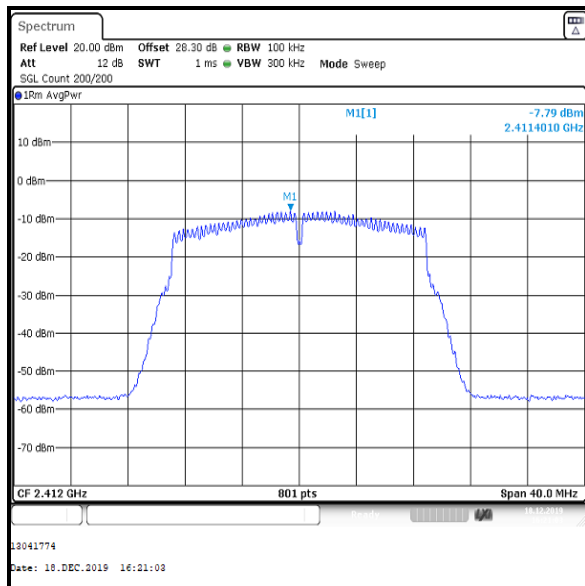
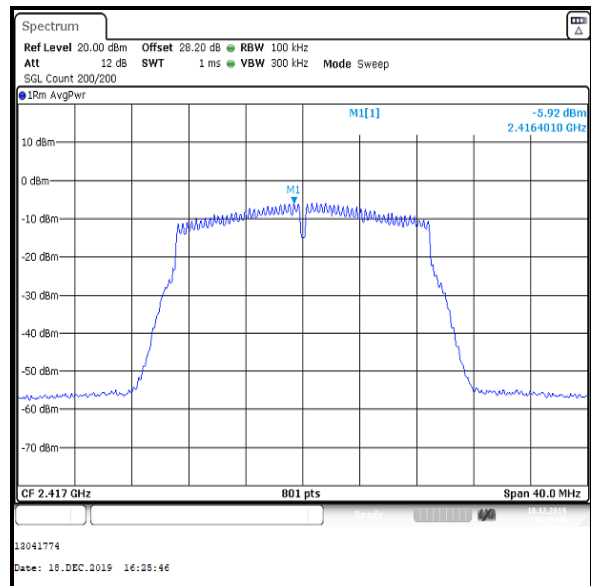
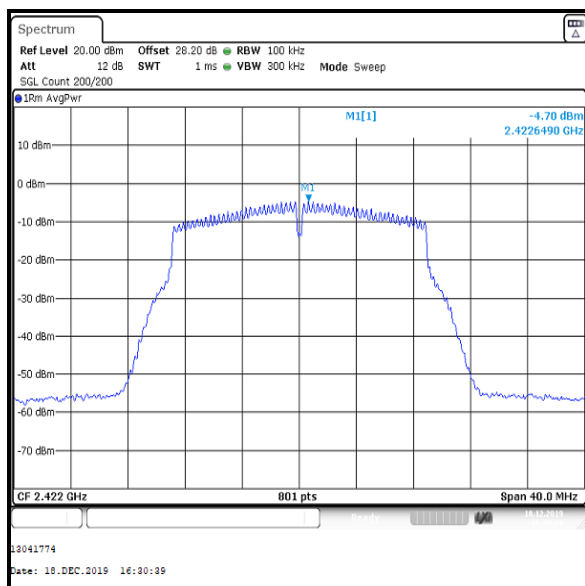
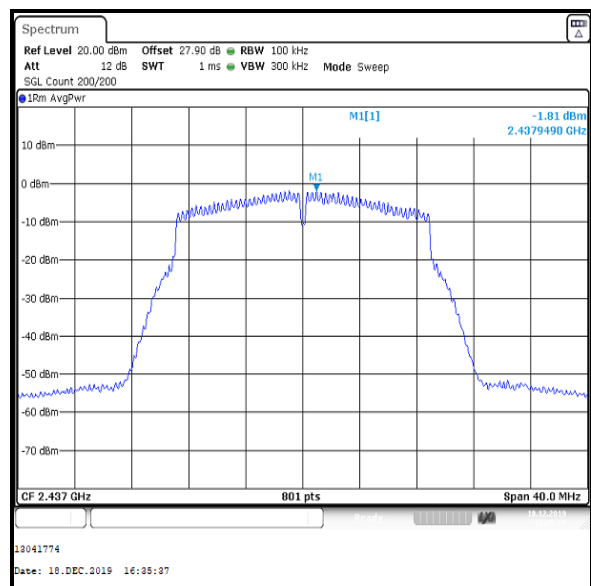
Transmitter Power Spectral Density (continued)**Results: 802.11n / HT20 / MIMO / 2Tx TxBF / BPSK / MCS0 / Core 2****Channel 7****Channel 11****Channel 12****Channel 13**

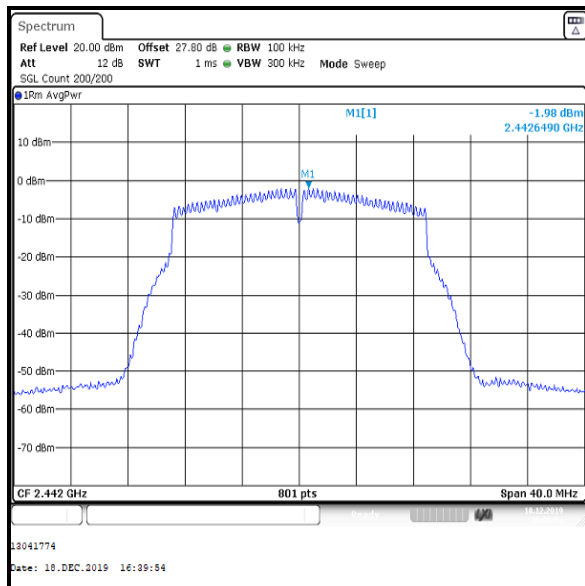
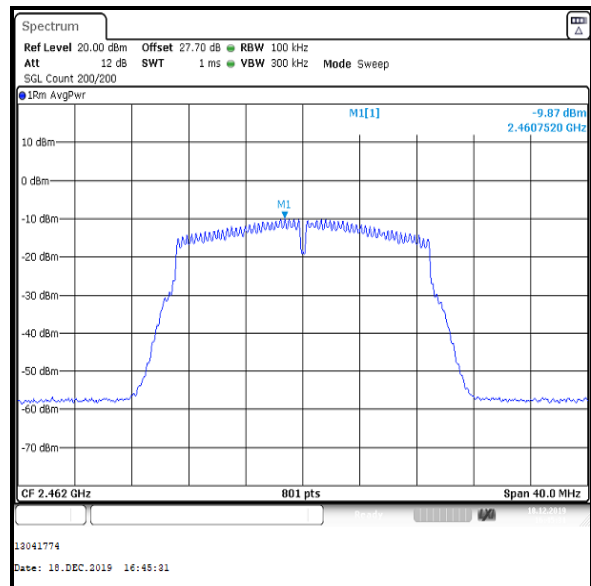
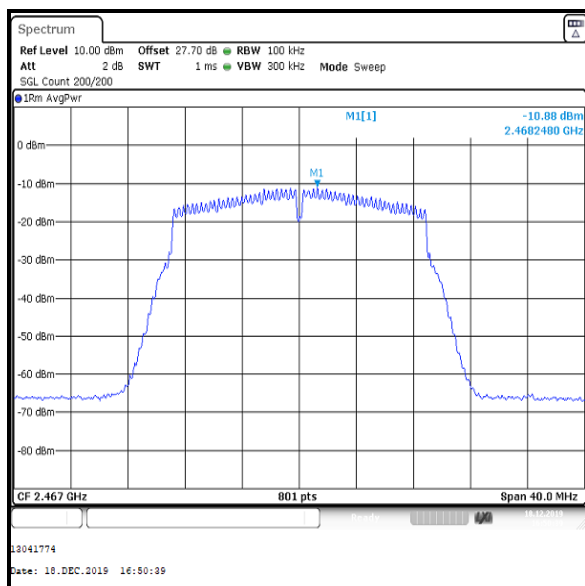
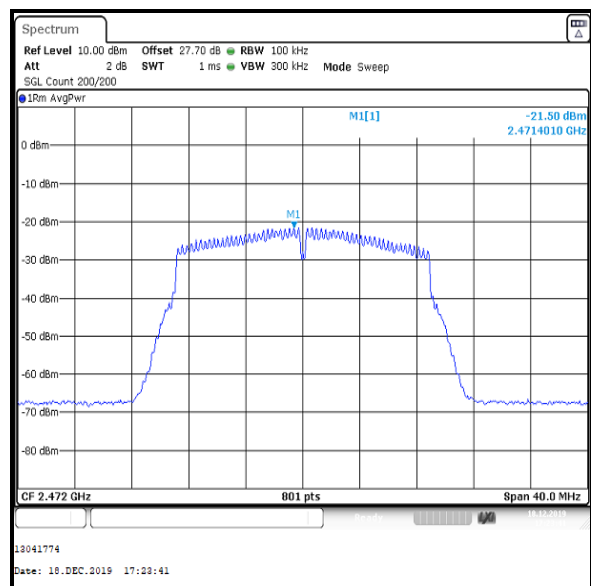
Transmitter Power Spectral Density (continued)**Results: 802.11n / HT20 / MIMO / 3Tx TxBF / BPSK / MCS0**

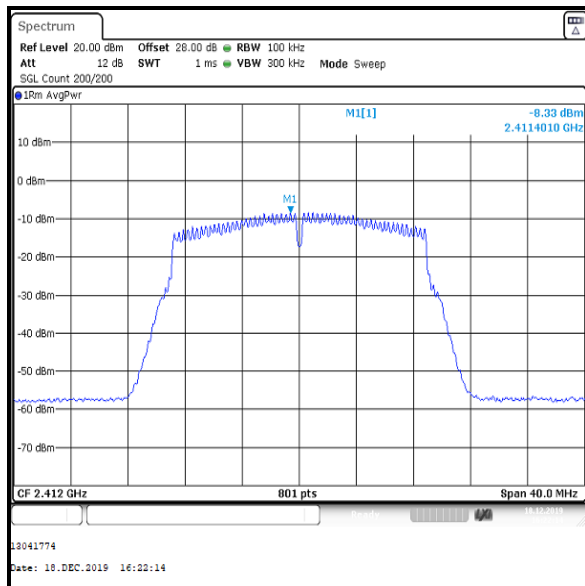
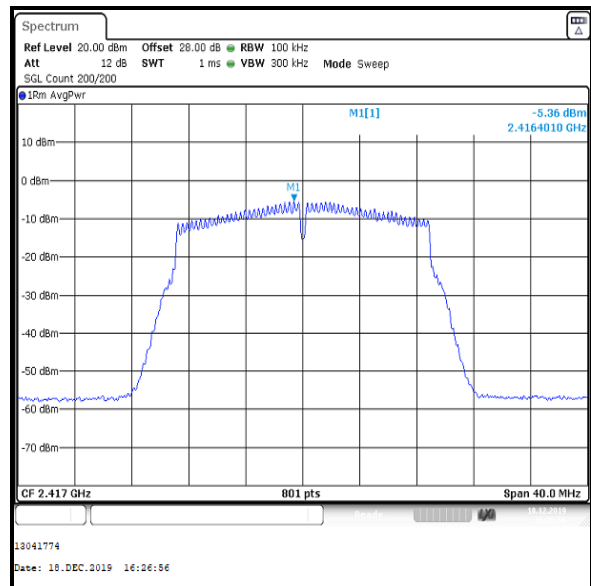
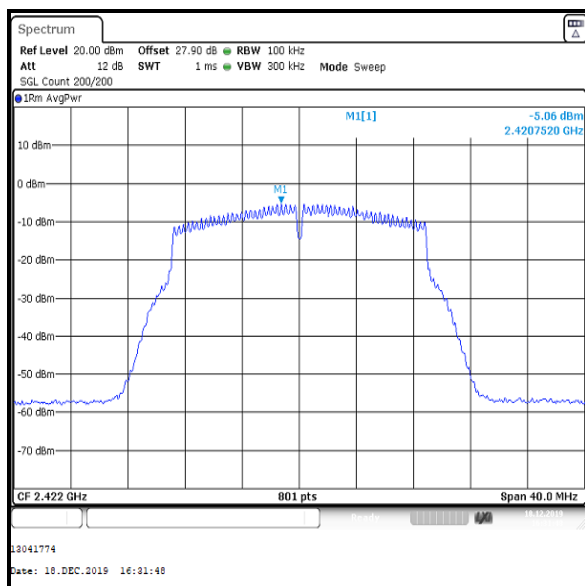
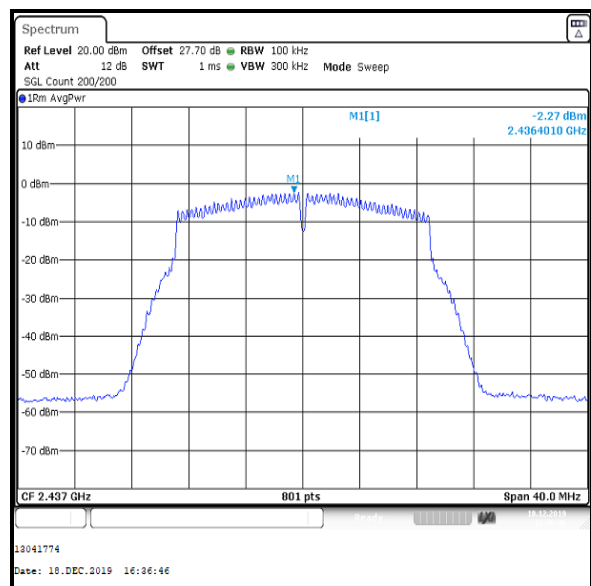
Channel	Core 0			Core 1		
	PSD (dBm / 100 kHz)	Duty Cycle Correction Factor (dB)	Corrected PSD (dBm / 100 kHz)	PSD (dBm / 100 kHz)	Duty Cycle Correction Factor (dB)	Corrected PSD (dBm / 100 kHz)
1	-7.8	0.1	-7.7	-8.3	0.1	-8.2
2	-5.9	0.1	-5.8	-5.4	0.1	-5.3
3	-4.7	0.1	-4.6	-5.1	0.1	-5.0
6	-1.8	0.1	-1.7	-2.3	0.1	-2.2
7	-2.0	0.1	-1.9	-1.9	0.1	-1.8
11	-9.9	0.1	-9.8	-10.0	0.1	-9.9
12	-10.9	0.1	-10.8	-11.4	0.1	-11.3
13	-21.5	0.1	-21.4	-21.5	0.1	-21.4

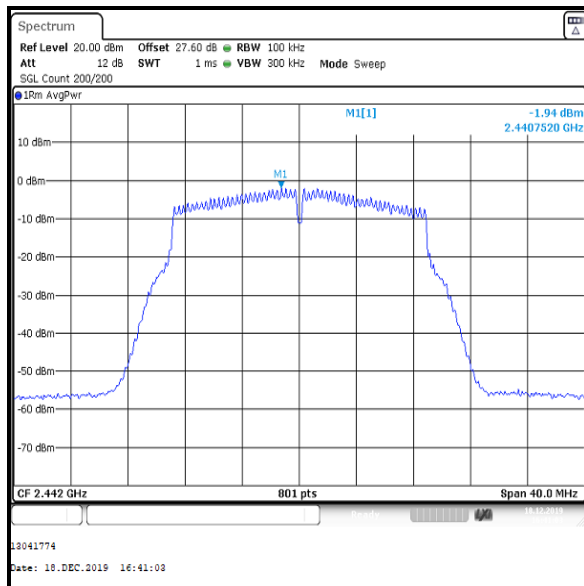
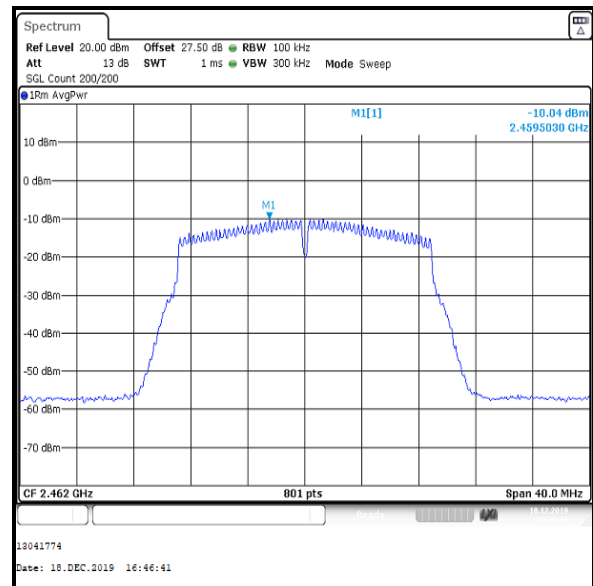
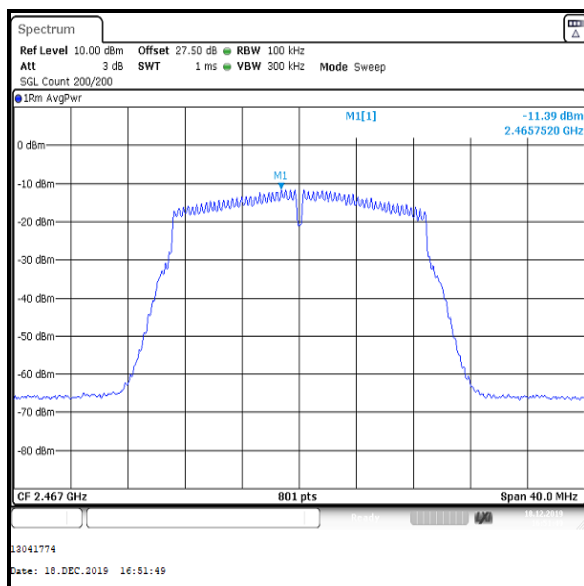
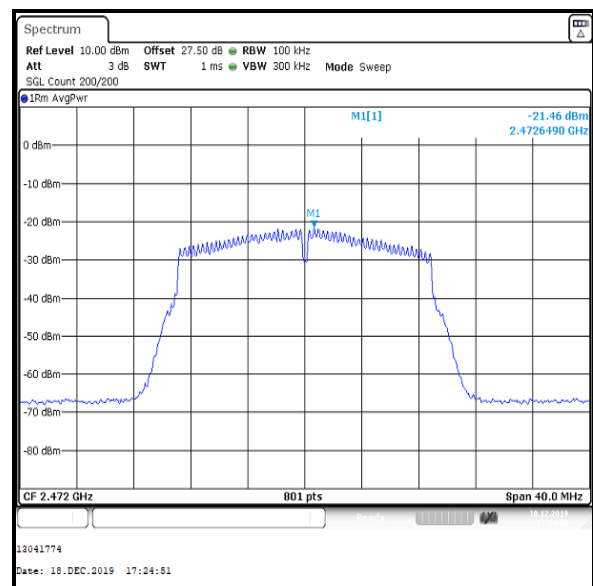
Channel	Core 2			Core 0, Core 1 & Core 2		
	PSD (dBm / 100 kHz)	Duty Cycle Correction Factor (dB)	Corrected PSD (dBm / 100 kHz)	Corrected PSD / Core 0 (dBm / 100 kHz)	Corrected PSD / Core 1 (dBm / 100 kHz)	Corrected PSD / Core 2 (dBm / 100 kHz)
1	-7.3	0.1	-7.2	-7.7	-8.2	-7.2
2	-5.7	0.1	-5.6	-5.8	-5.3	-5.6
3	-5.0	0.1	-4.9	-4.6	-5.0	-4.9
6	-1.7	0.1	-1.6	-1.7	-2.2	-1.6
7	-2.2	0.1	-2.1	-1.9	-1.8	-2.1
11	-9.9	0.1	-9.8	-9.8	-9.9	-9.8
12	-11.3	0.1	-11.2	-10.8	-11.3	-11.2
13	-21.1	0.1	-21.0	-21.4	-21.4	-21.0

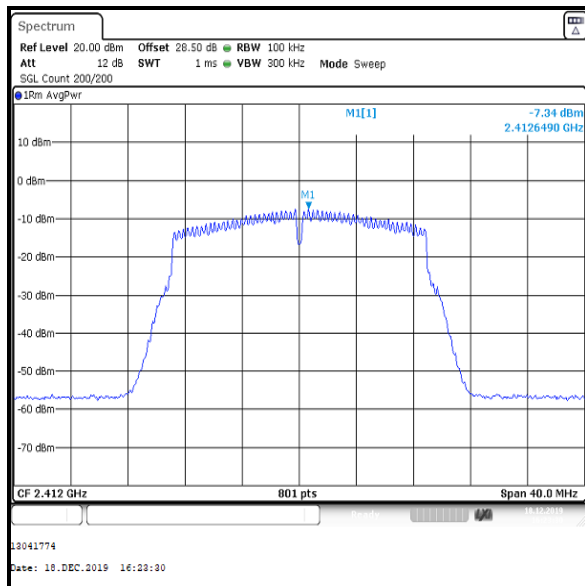
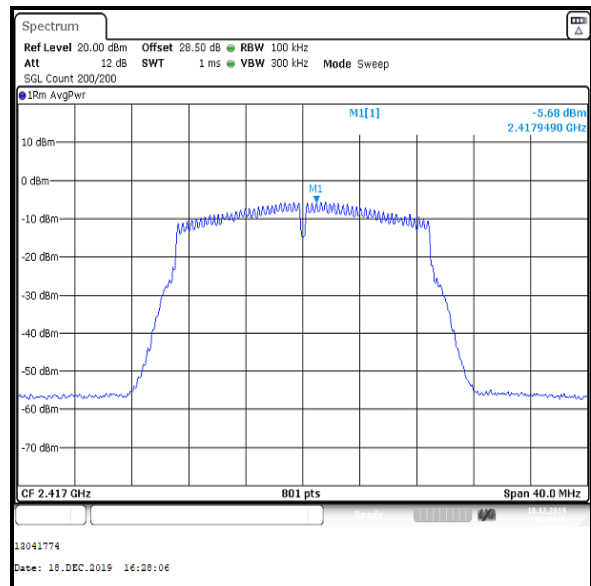
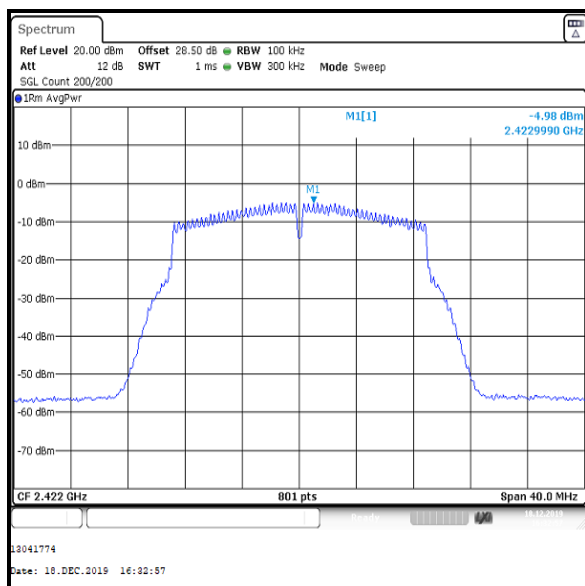
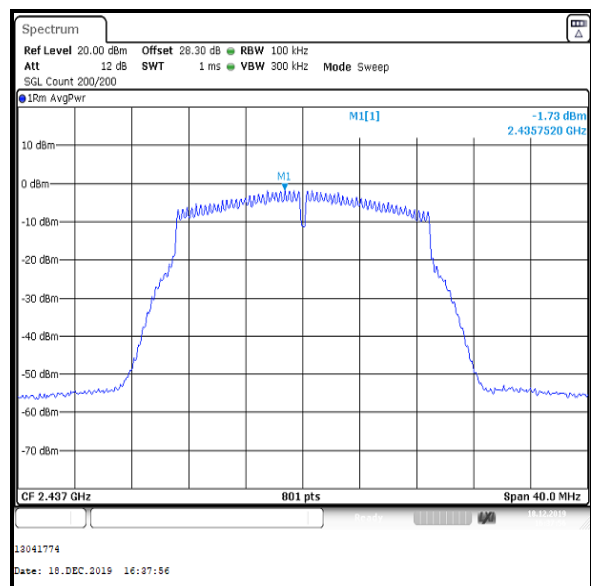
Channel	Combined PSD (dBm / 100 kHz)	Limit (dBm / 3 kHz)	Margin (dB)	Result
1	-2.9	8.0	10.9	Complied
2	-0.8	8.0	8.8	Complied
3	-0.1	8.0	8.1	Complied
6	2.9	8.0	5.1	Complied
7	2.8	8.0	5.2	Complied
11	-5.1	8.0	13.1	Complied
12	-6.3	8.0	14.3	Complied
13	-16.5	8.0	24.5	Complied

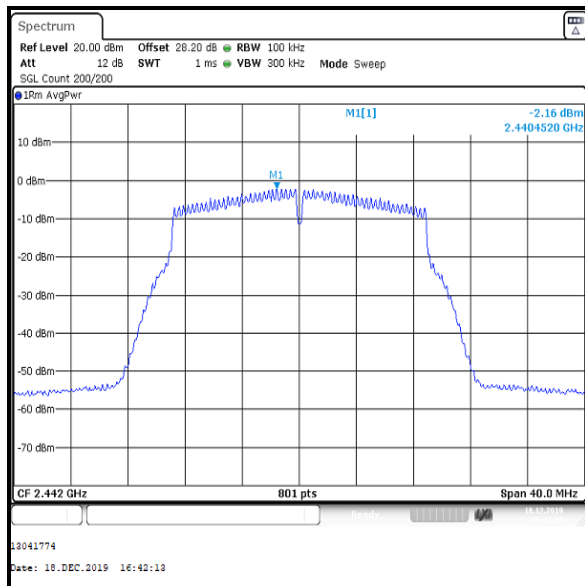
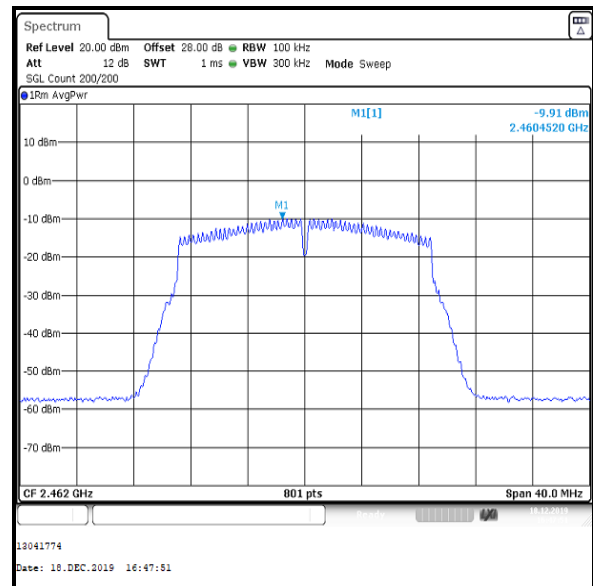
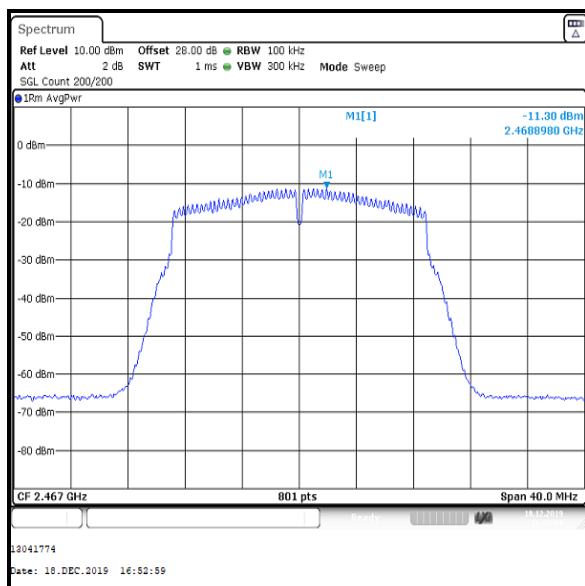
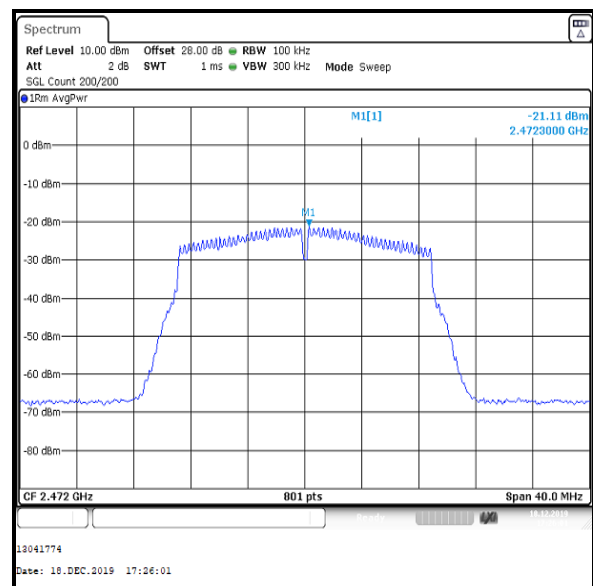
Transmitter Power Spectral Density (continued)**Results: 802.11n / HT20 / MIMO / 3Tx TxBF / BPSK / MCS0 / Core 0****Channel 1****Channel 2****Channel 3****Channel 6**

Transmitter Power Spectral Density (continued)**Results: 802.11n / HT20 / MIMO / 3Tx TxBF / BPSK / MCS0 / Core 0****Channel 7****Channel 11****Channel 12****Channel 13**

Transmitter Power Spectral Density (continued)**Results: 802.11n / HT20 / MIMO / 3Tx TxBF / BPSK / MCS0 / Core 1****Channel 1****Channel 2****Channel 3****Channel 6**

Transmitter Power Spectral Density (continued)**Results: 802.11n / HT20 / MIMO / 3Tx TxBF / BPSK / MCS0 / Core 1****Channel 7****Channel 11****Channel 12****Channel 13**

Transmitter Power Spectral Density (continued)**Results: 802.11n / HT20 / MIMO / 3Tx TxBF / BPSK / MCS0 / Core 2****Channel 1****Channel 2****Channel 3****Channel 6**

Transmitter Power Spectral Density (continued)**Results: 802.11n / HT20 / MIMO / 3Tx TxBF / BPSK / MCS0 / Core 2****Channel 7****Channel 11****Channel 12****Channel 13**

4.4. Transmitter Maximum (Average) Output Power**Test Summary:**

Test Engineers:	Matthew Botfield & Max Passell	Test Dates:	18 December 2019 to 09 January 2020
Test Sample Serial Numbers:	C02ZH007P1YX & C02ZG00GP22J		

FCC Reference:	Part 15.247(b)(3)
Test Method Used:	FCC KDB 558074 Section 8.3.2.2 referencing ANSI C63.10 Sections 11.9.2.2.2 & 11.9.2.2.4

Environmental Conditions:

Temperature (°C):	21 to 23
Relative Humidity (%):	31 to 44

Transmitter Maximum (Average) Output Power (continued)**Note(s):**

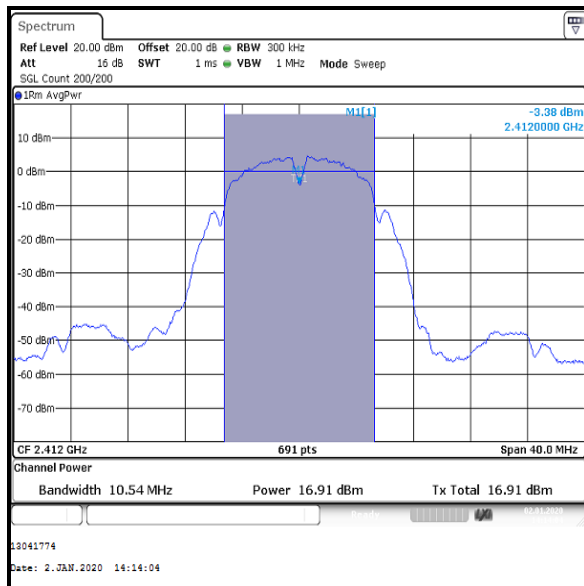
1. The customer declared the following data rates to be used for all measurements as:
 - o 802.11b / DBPSK / 1 Mbps / SISO / Core 2
 - o 802.11g / BPSK / 6 Mbps / SISO / Core 2
 - o 802.11n HT20 / BPSK / MCS0 / SISO / Core 2
 - o 802.11b / DBPSK / 1 Mbps / MIMO / 2Tx CDD / Core 0 & Core 2
 - o 802.11b / DBPSK / 1 Mbps / MIMO / 3Tx CDD / Core 0, Core 1 & Core 2
 - o 802.11n HT20 / BPSK / MCS0 / MIMO / 2Tx CDD / Core 0 & Core 2
 - o 802.11n HT20 / BPSK / MCS0 / MIMO / 3Tx CDD / Core 0, Core 1 & Core 2
 - o 802.11n HT20 / BPSK / MCS0 / MIMO / 2Tx TxBF / Core 0 & Core 2
 - o 802.11n HT20 / BPSK / MCS0 / MIMO / 3Tx TxBF / Core 0, Core 1 & Core 2
2. Final measurements were performed using the above configurations on the relevant channels. Additional channels were tested as requested by the customer.
3. Initial measurements were performed using a power meter to obtain the required power setting according to customer specified tolerances. This setting was then used to measure the power using the test methods listed below.
4. The power has been integrated over the 99% emission bandwidth. Plots for the occupied bandwidth are archived on the company server and available for inspection upon request.
5. For 802.11b non-Tx BF modes, the EUT was transmitting at >98% duty cycle and testing was performed in accordance with ANSI C63.10 Section 11.9.2.2.2 Method AVGSA-1. The signal analyser's integration function was used to integrate across the 99% occupied bandwidth. The signal analyser resolution bandwidth was set to 300 kHz and video bandwidth 1 MHz. An RMS detector was used and sweep time set manually to perform trace averaging over 200 traces. The span was set to at least 1.5 times the 99% occupied emission bandwidth.
6. For 802.11g and 802.11n HT20 non-Tx BF modes, the EUT was transmitting at >98% duty cycle and testing was performed in accordance with ANSI C63.10 Section 11.9.2.2.2 Method AVGSA-1. The signal analyser's integration function was used to integrate across the 99% occupied bandwidth. The signal analyser resolution bandwidth was set to 500 kHz and video bandwidth 2 MHz. An RMS detector was used and sweep time set manually to perform trace averaging over 200 traces. The span was set to at least 1.5 times the 99% occupied emission bandwidth.
7. For Tx BF modes, the EUT was transmitting at <98% duty cycle and testing was performed in accordance with ANSI C63.10 Section 11.9.2.2.4 Method AVGSA-2. The signal analyser's integration function was used to integrate across the 99% occupied bandwidth. The signal analyser resolution bandwidth was set to 500 kHz and video bandwidth 2 MHz. An RMS detector was used and sweep time set manually to perform trace averaging over 200 traces. The span was set to at least 1.5 times the 99% occupied emission bandwidth. 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.
8. For MIMO modes, conducted power was measured on all ports and then combined using the measure-and-sum technique stated in FCC KDB 662911 D01 Section E)1). For EIRP, the directional antenna gain was added to the conducted output power. Detailed calculations can be found in Appendix 1.
9. The signal analyser was connected to the RF port on the EUT using an RF switch, suitable attenuation and RF cables. An RF offset was entered on the signal analyser to compensate for the loss of the switch, attenuator and RF cables.
10. For MIMO TXBF modes, the limit for conducted output power has been reduced by the same amount in dB that the directional gain of the antennas exceeds 6 dBi, in accordance with 15.247(b)(4).

Transmitter Maximum (Average) Output Power (continued)**Results: 802.11b / 20 MHz / SISO / DBPSK / 1 Mbps / Core 2****Conducted Peak Limit Comparison**

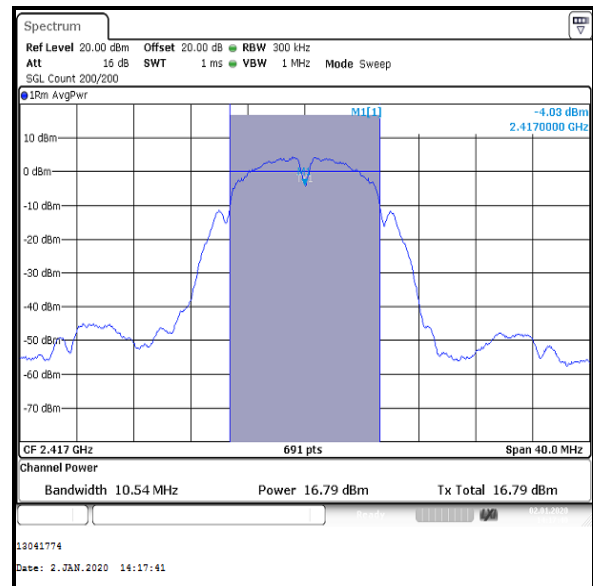
Channel	Conducted Power (dBm)	Conducted Power Limit (dBm)	Margin (dB)	Result
1	16.9	30.0	13.1	Complied
2	16.8	30.0	13.2	Complied
3	17.1	30.0	12.9	Complied
6	16.9	30.0	13.1	Complied
7	16.9	30.0	13.1	Complied
11	16.5	30.0	13.5	Complied
12	12.8	30.0	17.2	Complied
13	11.7	30.0	18.3	Complied

EIRP Limit Comparison

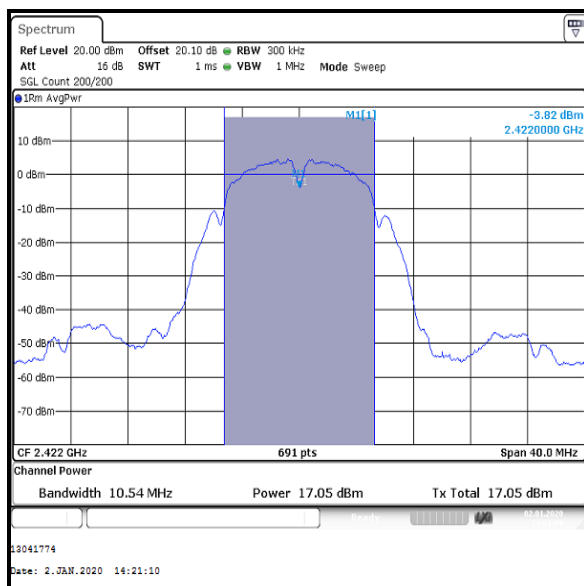
Channel	Conducted Power (dBm)	Declared Antenna Gain (dBi)	EIRP (dBm)	De Facto EIRP Limit (dBm)	Margin (dB)	Result
1	16.9	2.2	19.1	36.0	16.9	Complied
2	16.8	2.2	19.0	36.0	17.0	Complied
3	17.1	2.2	19.3	36.0	16.7	Complied
6	16.9	2.2	19.1	36.0	16.9	Complied
7	16.9	2.2	19.1	36.0	16.9	Complied
11	16.5	2.2	18.7	36.0	17.3	Complied
12	12.8	2.2	15.0	36.0	21.0	Complied
13	11.7	2.2	13.9	36.0	22.1	Complied

Transmitter Maximum (Average) Output Power (continued)**Results: 802.11b / 20 MHz / SISO / DBPSK / 1 Mbps / Core 2**

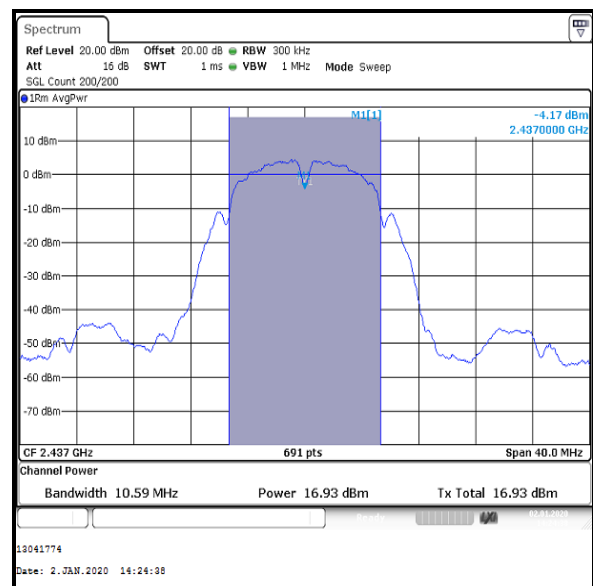
Channel 1



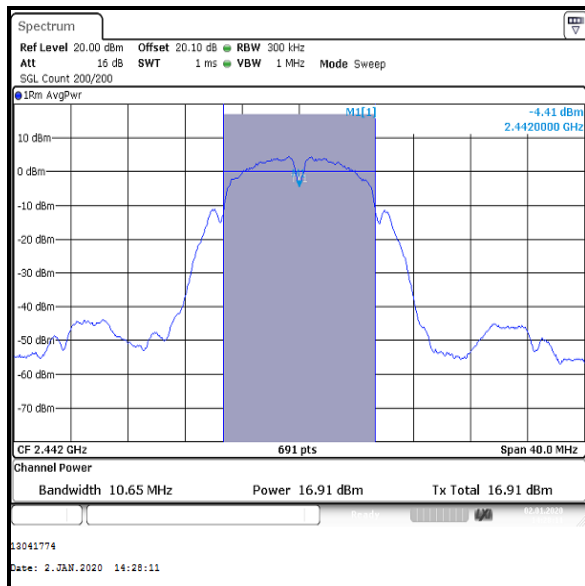
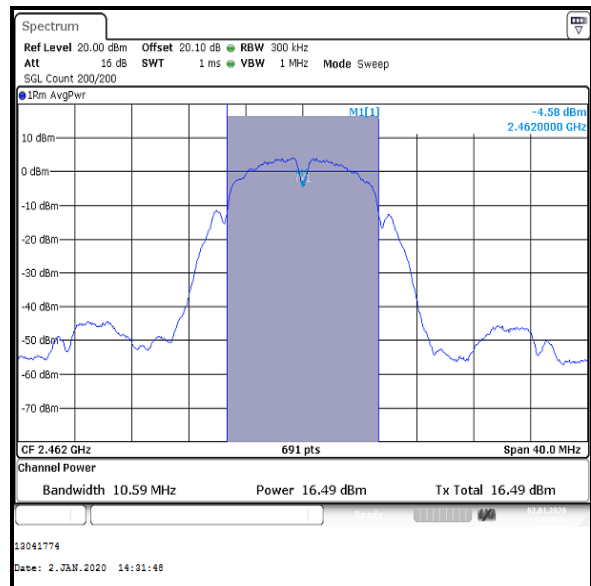
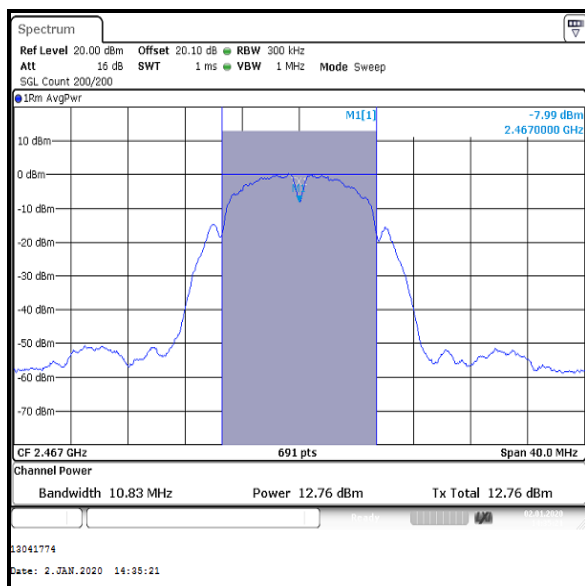
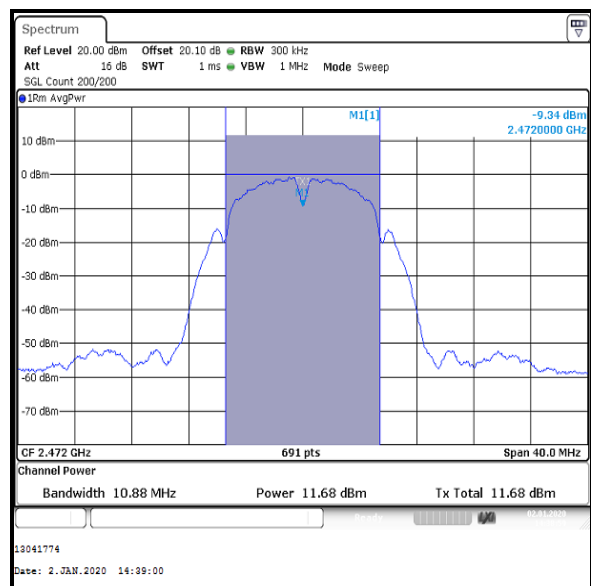
Channel 2



Channel 3



Channel 6

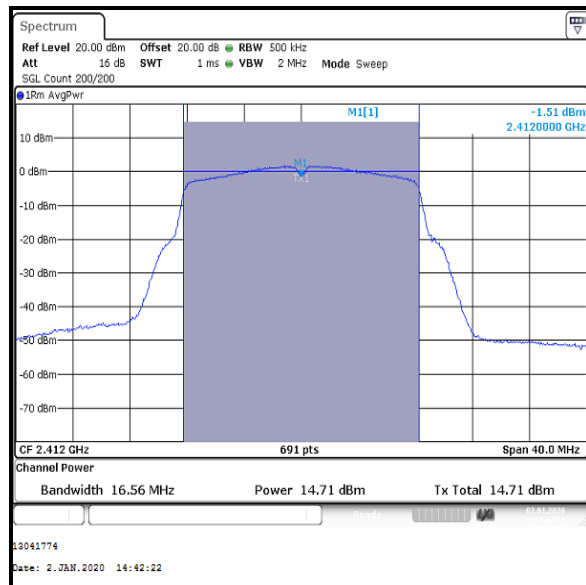
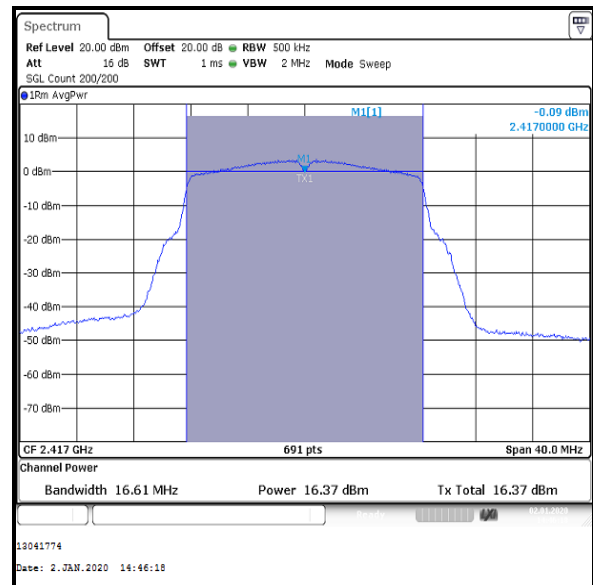
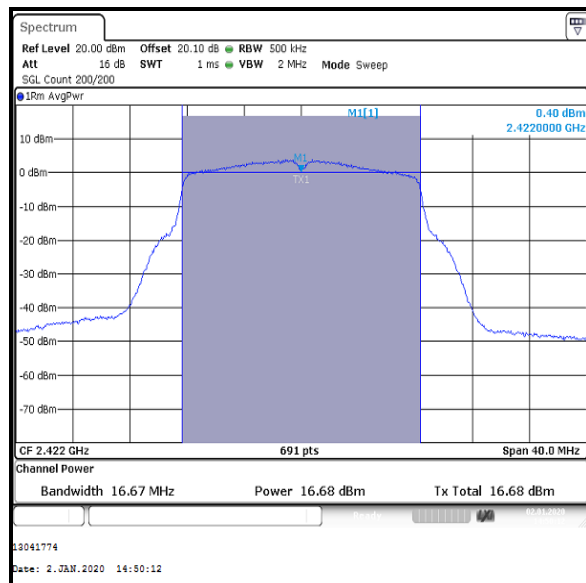
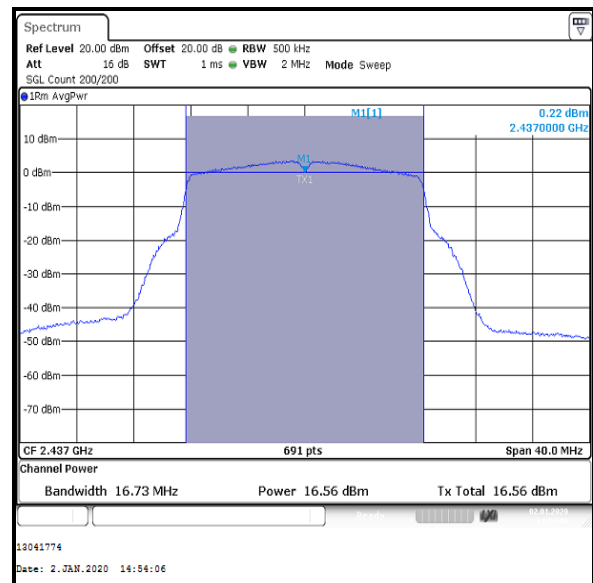
Transmitter Maximum (Average) Output Power (continued)**Results: 802.11b / 20 MHz / SISO / DBPSK / 1 Mbps / Core 2****Channel 7****Channel 11****Channel 12****Channel 13**

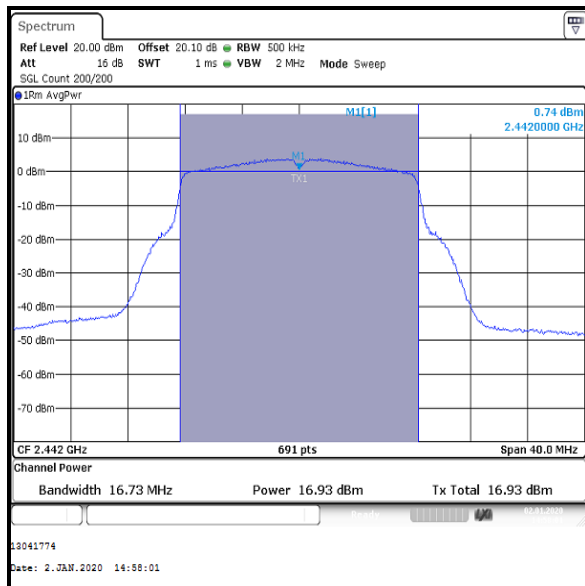
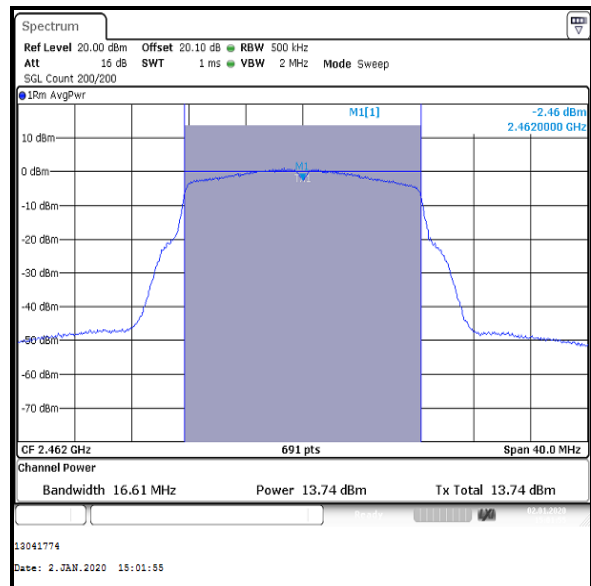
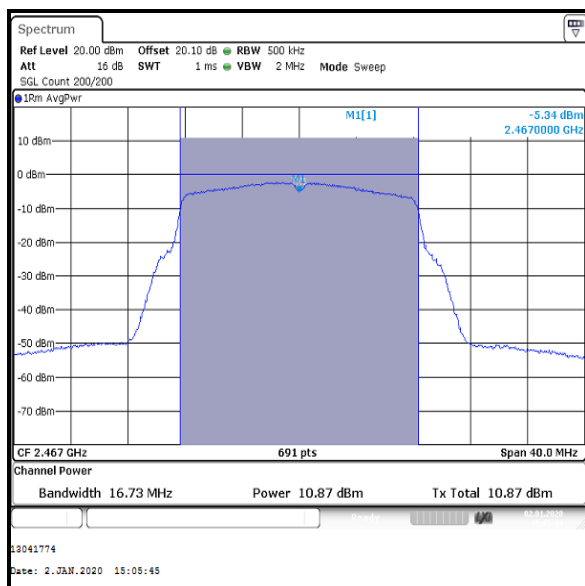
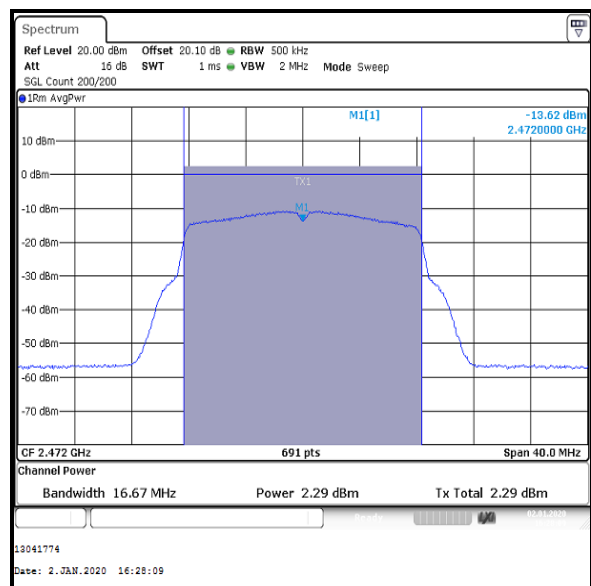
Transmitter Maximum (Average) Output Power (continued)**Results: 802.11g / 20 MHz / SISO / BPSK / 6 Mbps / Core 2****Conducted Peak Limit Comparison**

Channel	Conducted Power (dBm)	Conducted Power Limit (dBm)	Margin (dB)	Result
1	14.7	30.0	15.3	Complied
2	16.4	30.0	13.6	Complied
3	16.7	30.0	13.3	Complied
6	16.6	30.0	13.4	Complied
7	16.9	30.0	13.1	Complied
11	13.7	30.0	16.3	Complied
12	10.9	30.0	19.1	Complied
13	2.3	30.0	27.7	Complied

EIRP Limit Comparison

Channel	Conducted Power (dBm)	Declared Antenna Gain (dBi)	EIRP (dBm)	De Facto EIRP Limit (dBm)	Margin (dB)	Result
1	14.7	2.2	16.9	36.0	19.1	Complied
2	16.4	2.2	18.6	36.0	17.4	Complied
3	16.7	2.2	18.9	36.0	17.1	Complied
6	16.6	2.2	18.8	36.0	17.2	Complied
7	16.9	2.2	19.1	36.0	16.9	Complied
11	13.7	2.2	15.9	36.0	20.1	Complied
12	10.9	2.2	13.1	36.0	22.9	Complied
13	2.3	2.2	4.5	36.0	31.5	Complied

Transmitter Maximum (Average) Output Power (continued)**Results: 802.11g / 20 MHz / SISO / BPSK / 6 Mbps / Core 2****Channel 1****Channel 2****Channel 3****Channel 6**

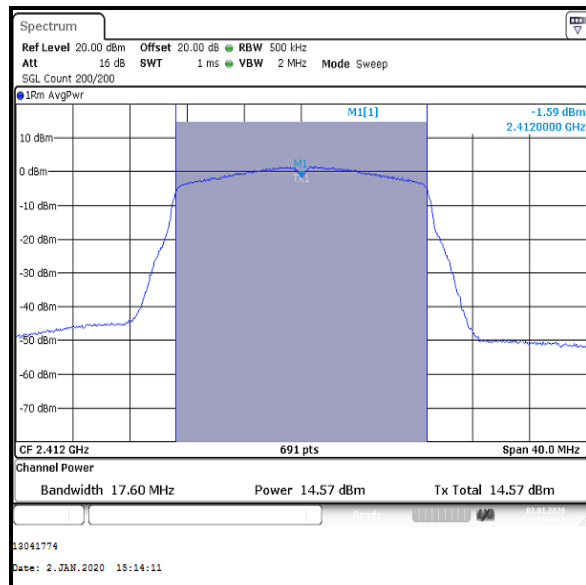
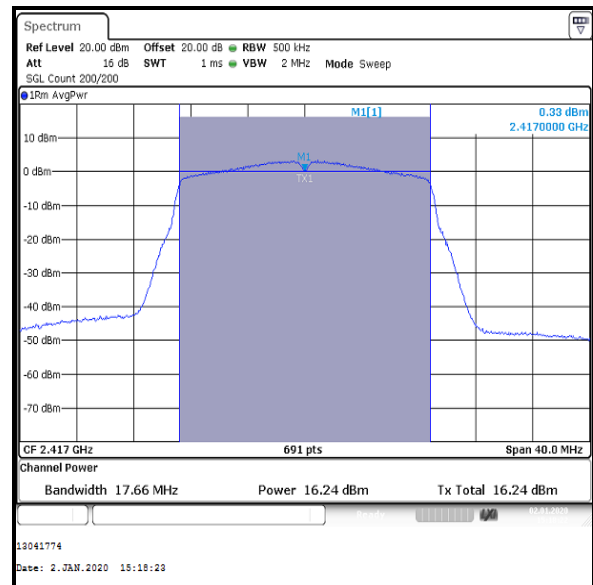
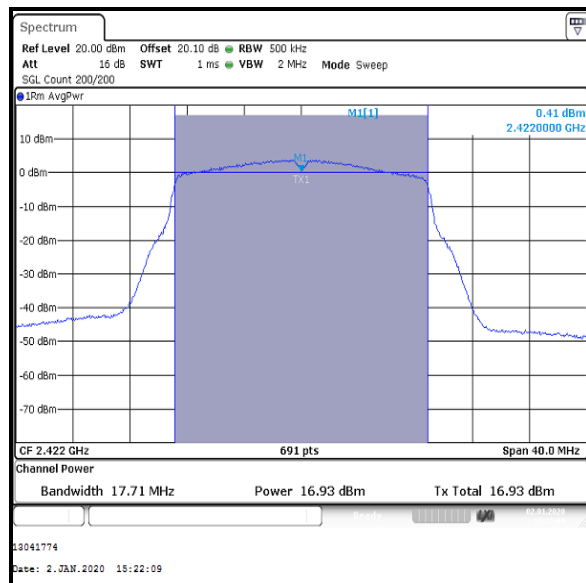
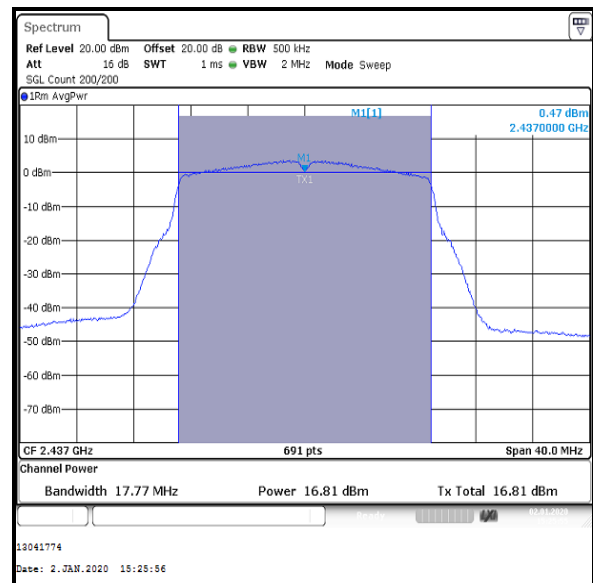
Transmitter Maximum (Average) Output Power (continued)**Results: 802.11g / 20 MHz / SISO / BPSK / 6 Mbps / Core 2****Channel 7****Channel 11****Channel 12****Channel 13**

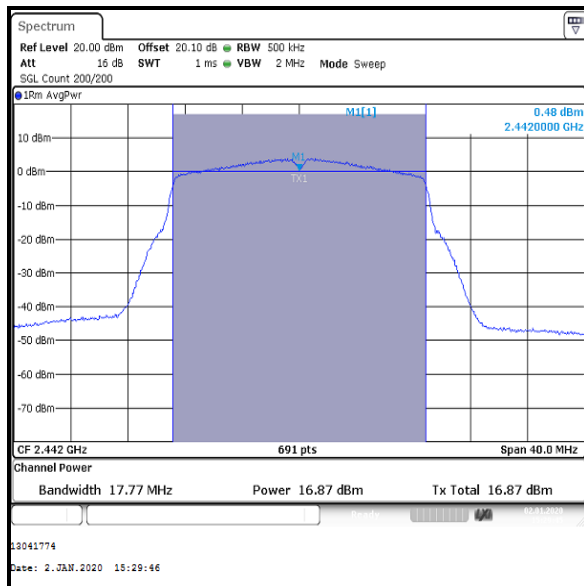
Transmitter Maximum (Average) Output Power (continued)**Results: 802.11n / HT20 / SISO / BPSK / MCS0 / Core 2****Conducted Peak Limit Comparison**

Channel	Conducted Power (dBm)	Conducted Power Limit (dBm)	Margin (dB)	Result
1	14.6	30.0	15.4	Complied
2	16.2	30.0	13.8	Complied
3	16.9	30.0	13.1	Complied
6	16.8	30.0	13.2	Complied
7	16.9	30.0	13.1	Complied
11	13.7	30.0	16.3	Complied
12	11.0	30.0	19.0	Complied
13	1.9	30.0	28.1	Complied

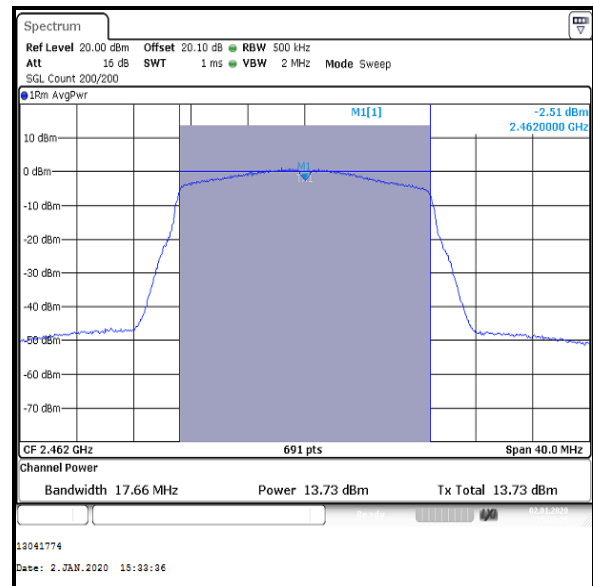
EIRP Limit Comparison

Channel	Conducted Power (dBm)	Declared Antenna Gain (dBi)	EIRP (dBm)	De Facto EIRP Limit (dBm)	Margin (dB)	Result
1	14.6	2.2	16.8	36.0	19.2	Complied
2	16.2	2.2	18.4	36.0	17.6	Complied
3	16.9	2.2	19.1	36.0	16.9	Complied
6	16.8	2.2	19.0	36.0	17.0	Complied
7	16.9	2.2	19.1	36.0	16.9	Complied
11	13.7	2.2	15.9	36.0	20.1	Complied
12	11.0	2.2	13.2	36.0	22.8	Complied
13	1.9	2.2	4.1	36.0	31.9	Complied

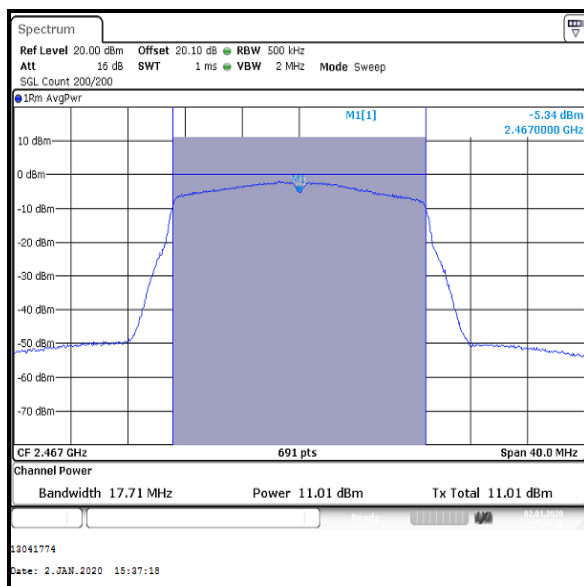
Transmitter Maximum (Average) Output Power (continued)**Results: 802.11n / HT20 / SISO / BPSK / MCS0 / Core 2****Channel 1****Channel 2****Channel 3****Channel 6**

Transmitter Maximum (Average) Output Power (continued)**Results: 802.11n / HT20 / SISO / BPSK / MCS0 / Core 2**

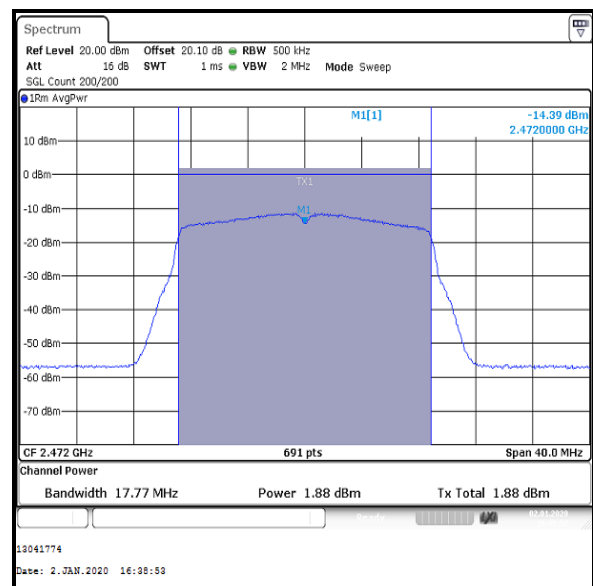
Channel 7



Channel 11



Channel 12



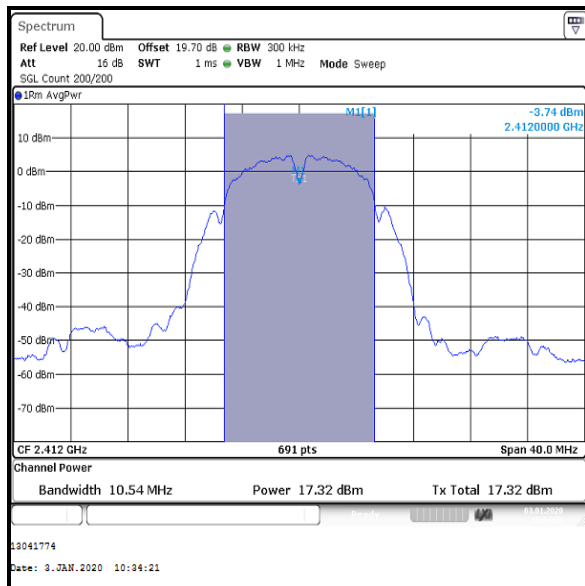
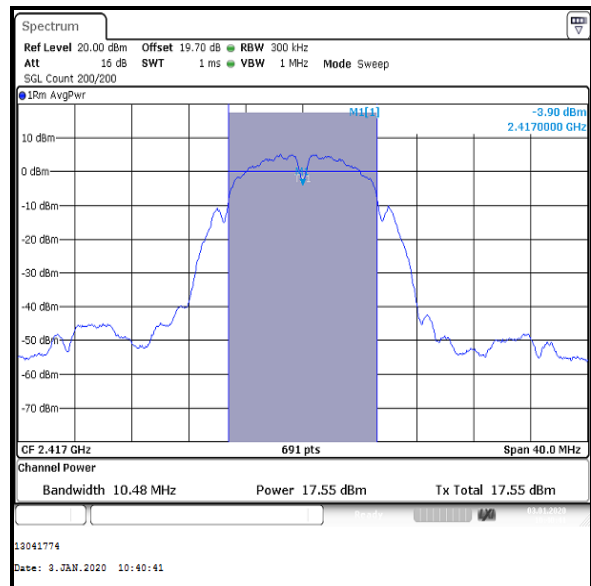
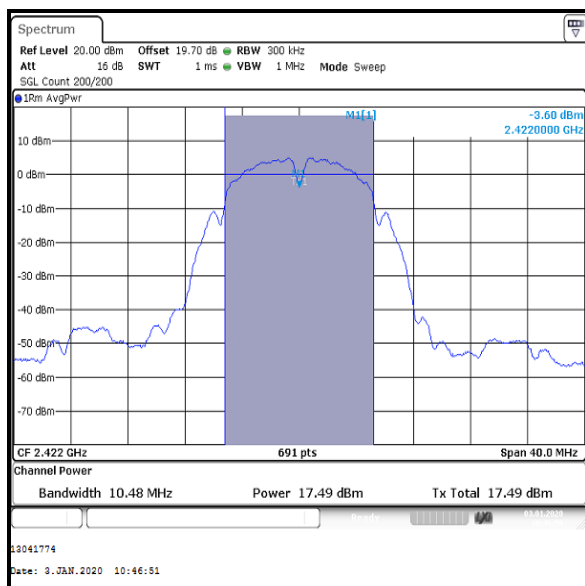
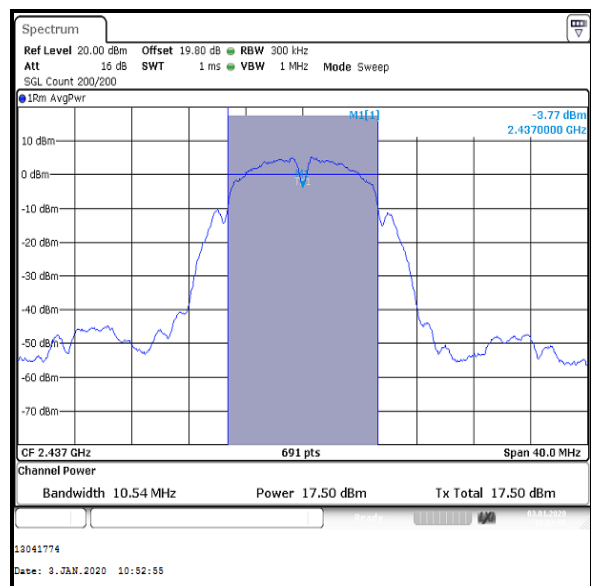
Channel 13

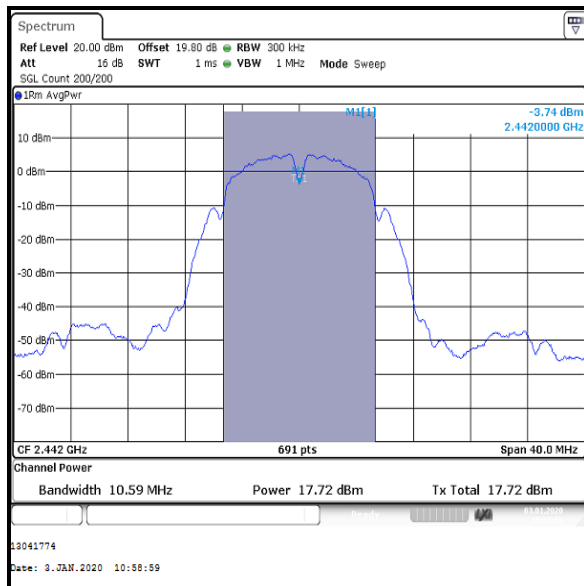
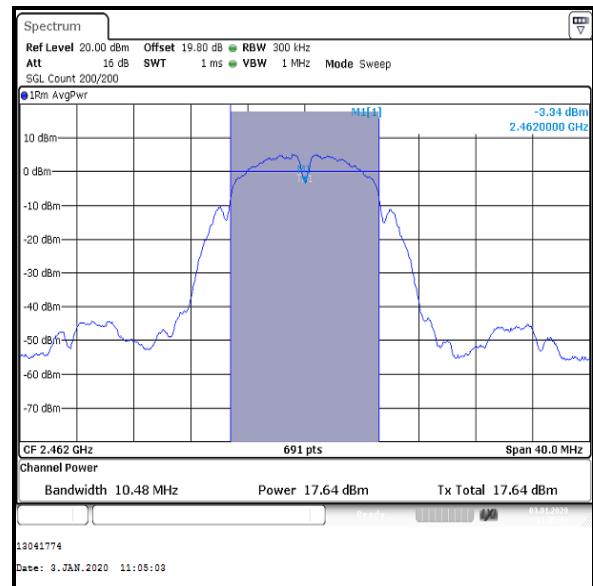
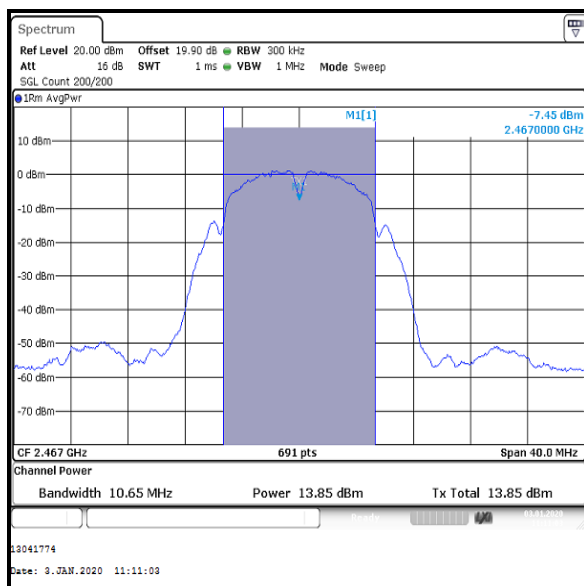
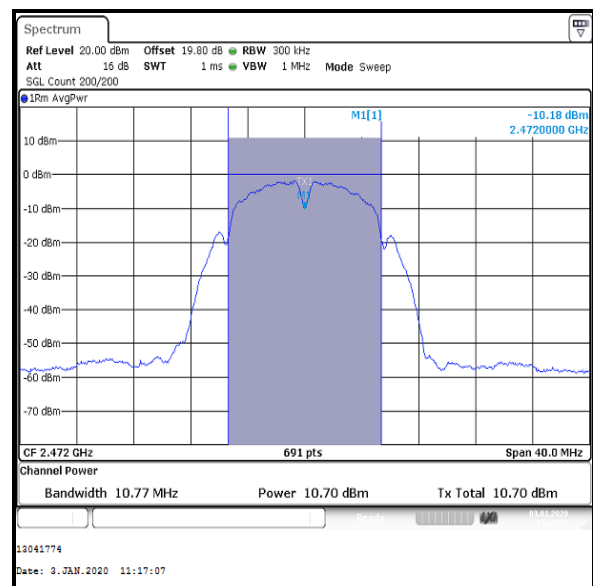
Transmitter Maximum (Average) Output Power (continued)**Results: 802.11b / 20 MHz / MIMO / 2Tx CDD / DBPSK / 1 Mbps****Conducted Peak Limit Comparison**

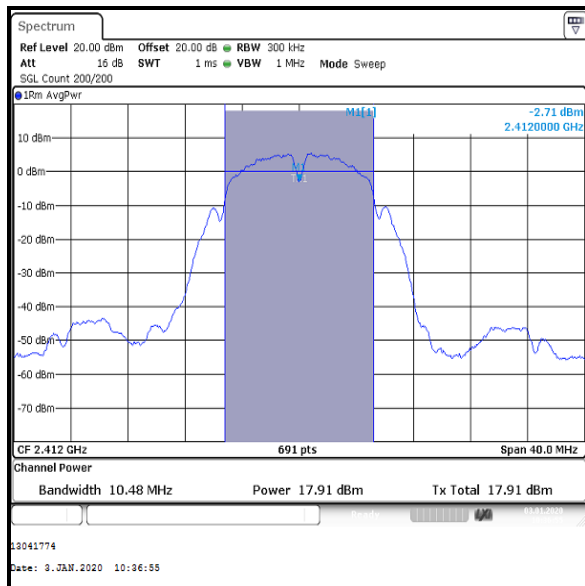
Channel	Conducted Peak Power Core 0 (dBm)	Conducted Peak Power Core 2 (dBm)	Combined Conducted Peak Power (dBm)	Conducted Peak Power Limit (dBm)	Margin (dB)	Result
1	17.3	17.9	20.6	30.0	9.4	Complied
2	17.6	18.0	20.8	30.0	9.2	Complied
3	17.5	18.0	20.8	30.0	9.2	Complied
6	17.5	17.9	20.7	30.0	9.3	Complied
7	17.7	18.0	20.9	30.0	9.1	Complied
11	17.6	18.2	20.9	30.0	9.1	Complied
12	13.9	14.3	17.1	30.0	12.9	Complied
13	10.7	11.0	13.9	30.0	16.1	Complied

EIRP Limit Comparison

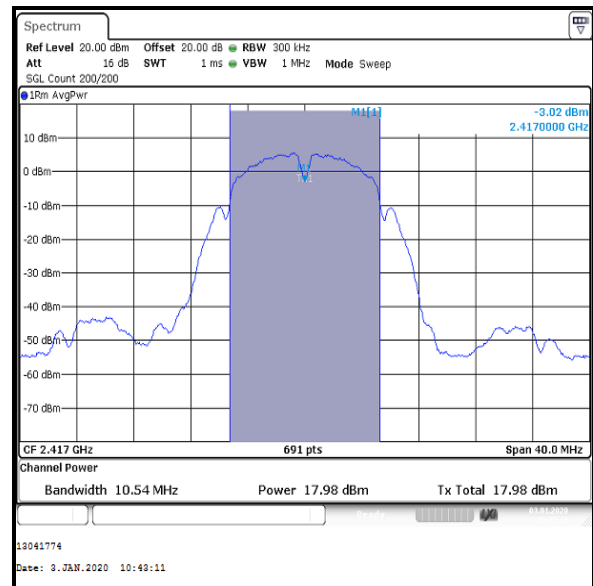
Channel	Combined Conducted Peak Power (dBm)	Directional Antenna Gain (dBi)	EIRP (dBm)	De Facto EIRP Limit (dBm)	Margin (dB)	Result
1	20.6	2.2	22.8	36.0	13.2	Complied
2	20.8	2.2	23.0	36.0	13.0	Complied
3	20.8	2.2	23.0	36.0	13.0	Complied
6	20.7	2.2	22.9	36.0	13.1	Complied
7	20.9	2.2	23.1	36.0	12.9	Complied
11	20.9	2.2	23.1	36.0	12.9	Complied
12	17.1	2.2	19.3	36.0	16.7	Complied
13	13.9	2.2	16.1	36.0	19.9	Complied

Transmitter Maximum (Average) Output Power (continued)**Results: 802.11b / 20 MHz / MIMO / 2Tx CDD / DBPSK / 1 Mbps / Core 0****Channel 1****Channel 2****Channel 3****Channel 6**

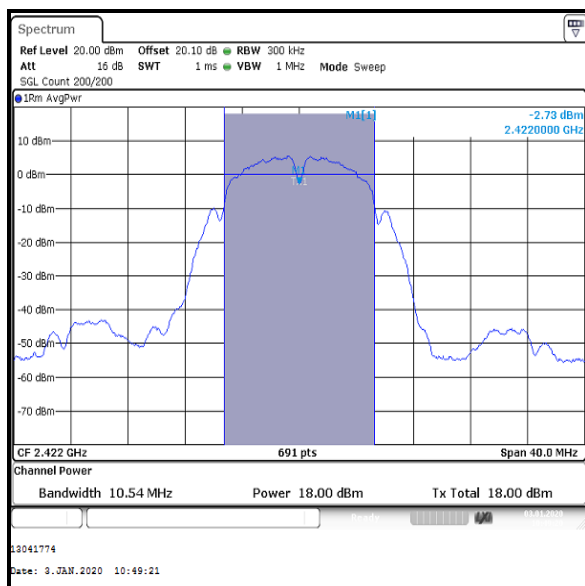
Transmitter Maximum (Average) Output Power (continued)**Results: 802.11b / 20 MHz / MIMO / 2Tx CDD / DBPSK / 1 Mbps / Core 0****Channel 7****Channel 11****Channel 12****Channel 13**

Transmitter Maximum (Average) Output Power (continued)**Results: 802.11b / 20 MHz / MIMO / 2Tx CDD / DBPSK / 1 Mbps / Core 2**

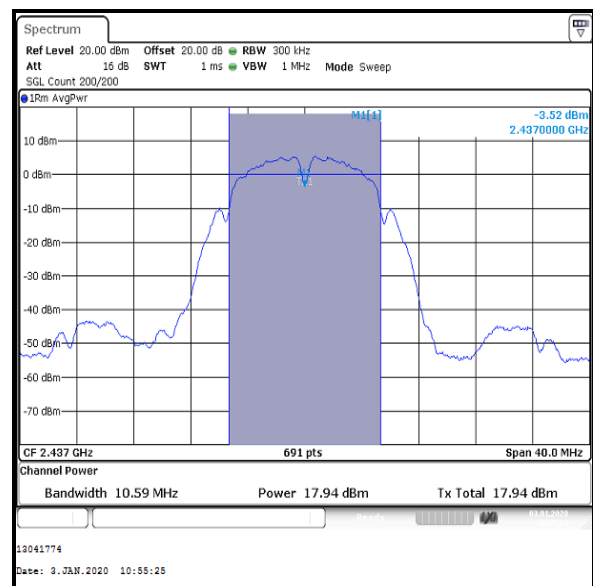
Channel 1



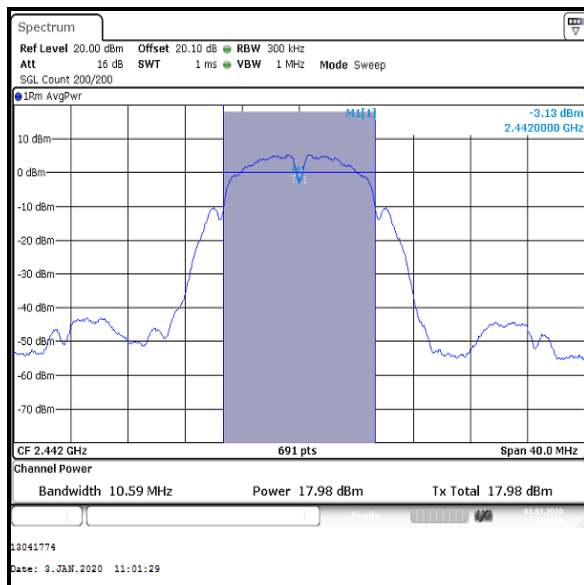
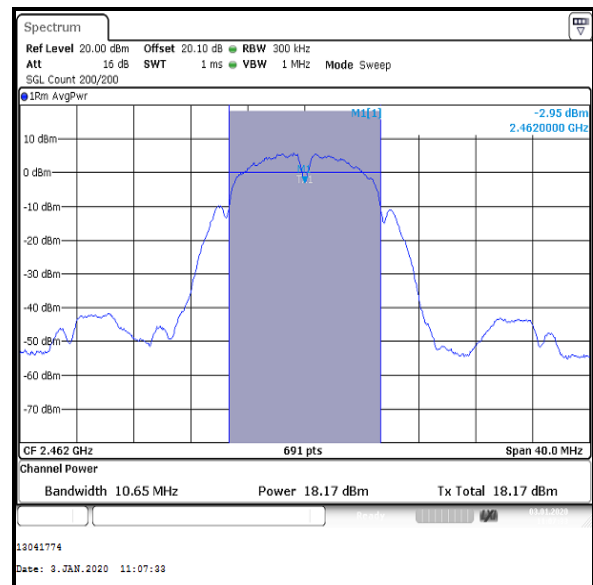
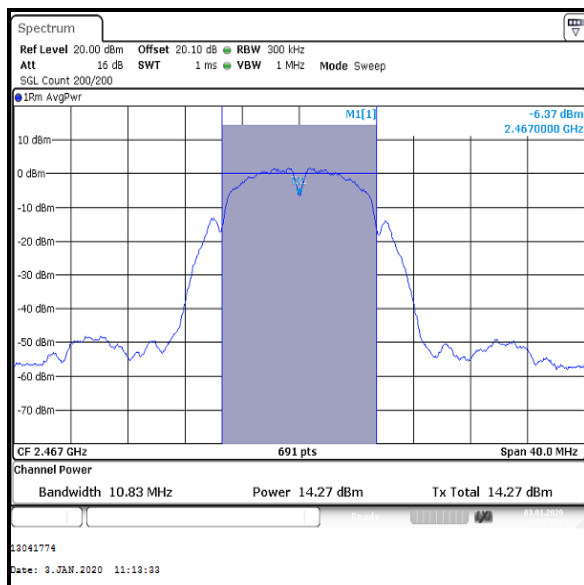
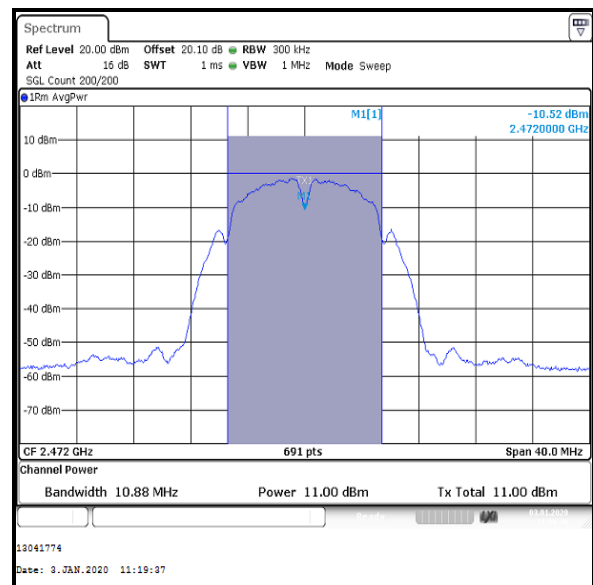
Channel 2



Channel 3



Channel 6

Transmitter Maximum (Average) Output Power (continued)**Results: 802.11b / 20 MHz / MIMO / 2Tx CDD / DBPSK / 1 Mbps / Core 2****Channel 7****Channel 11****Channel 12****Channel 13**

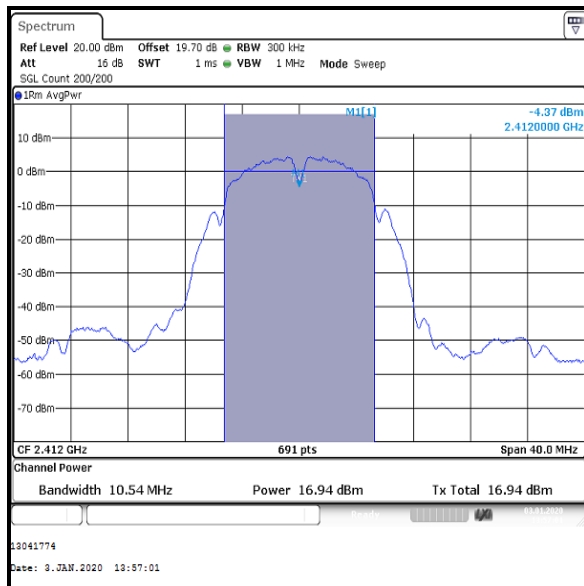
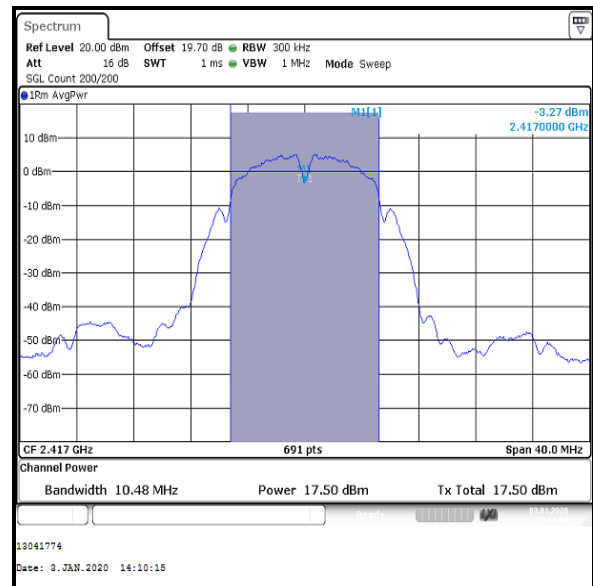
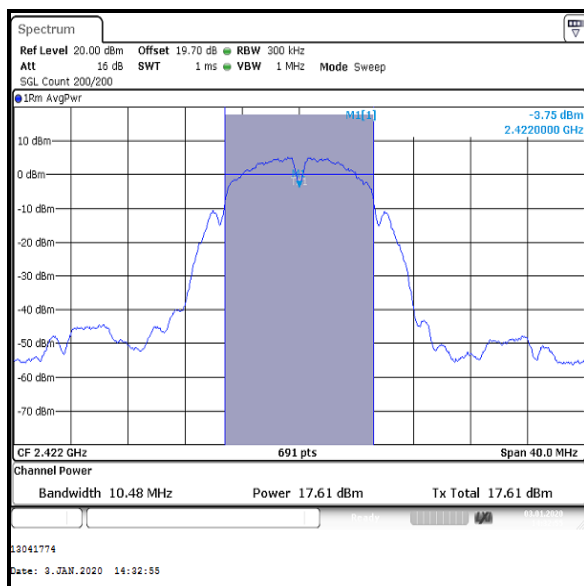
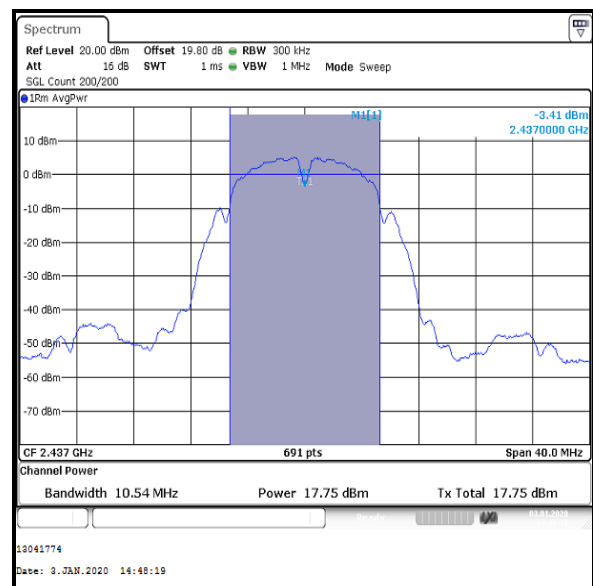
Transmitter Maximum (Average) Output Power (continued)**Results: 802.11b / 20 MHz / MIMO / 3Tx CDD / DBPSK / 1 Mbps****Conducted Peak Limit Comparison**

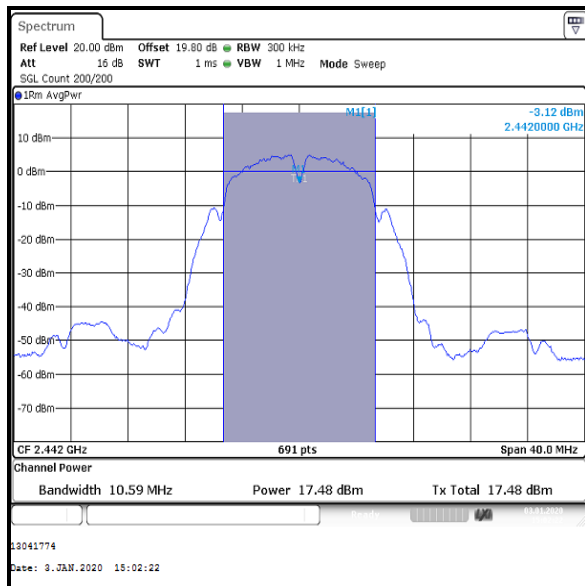
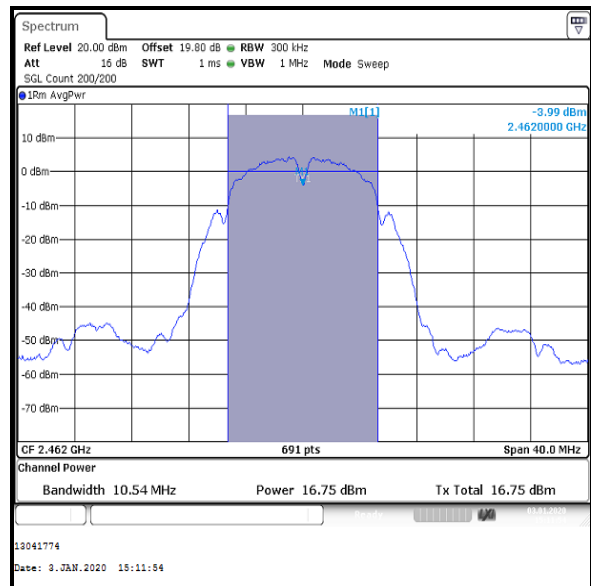
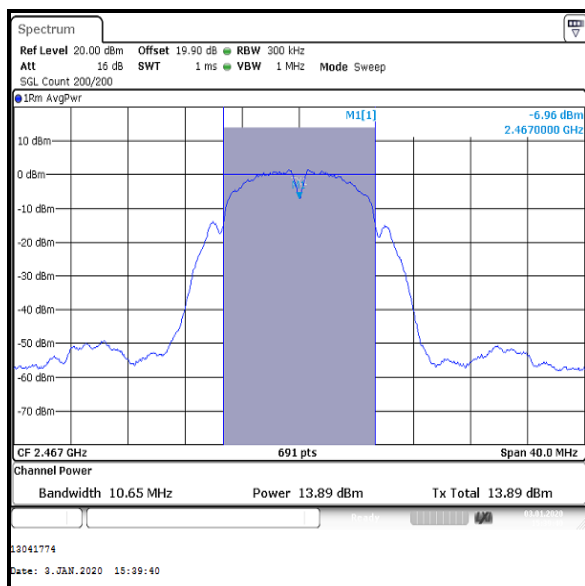
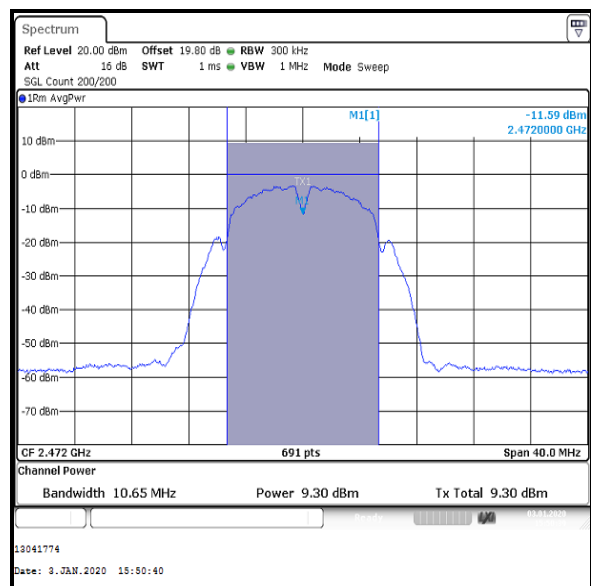
Channel	Conducted Peak Power Core 0 (dBm)	Conducted Peak Power Core 1 (dBm)	Conducted Peak Power Core 2 (dBm)
1	16.9	17.0	17.3
2	17.5	17.2	18.0
3	17.6	17.4	18.2
6	17.8	17.6	18.0
7	17.5	17.3	17.8
11	16.8	16.8	16.9
12	13.9	13.4	13.9
13	9.3	9.0	9.6

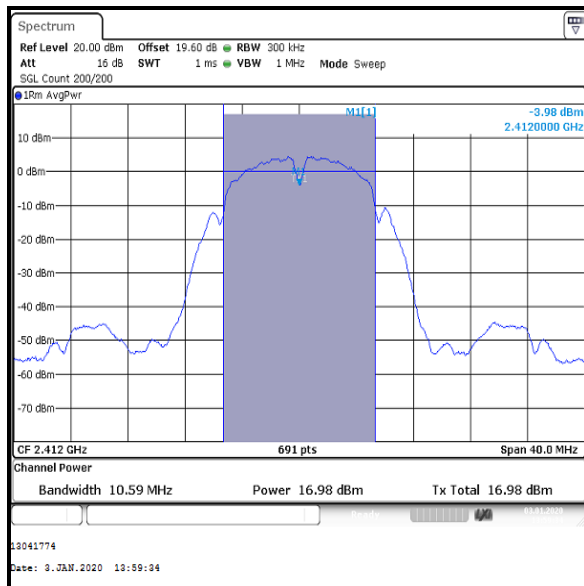
Channel	Combined Conducted Peak Power (dBm)	Conducted Peak Power Limit (dBm)	Margin (dB)	Result
1	21.8	30.0	8.2	Complied
2	22.4	30.0	7.6	Complied
3	22.5	30.0	7.5	Complied
6	22.6	30.0	7.4	Complied
7	22.3	30.0	7.7	Complied
11	21.6	30.0	8.4	Complied
12	18.5	30.0	11.5	Complied
13	14.1	30.0	15.9	Complied

EIRP Limit Comparison

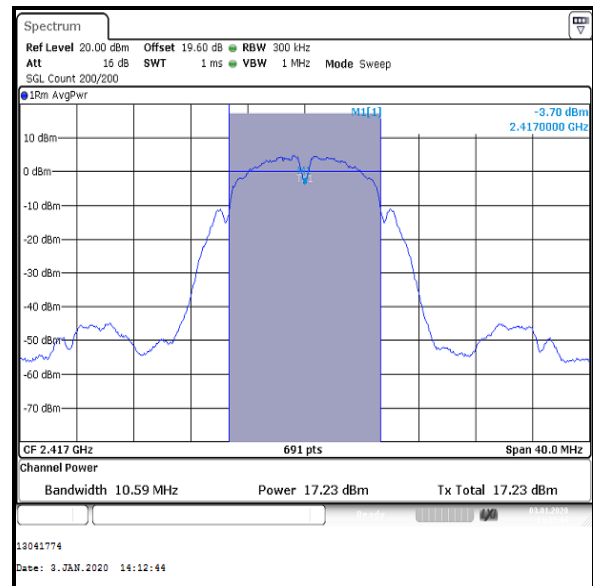
Channel	Combined Conducted Peak Power (dBm)	Directional Antenna Gain (dBi)	EIRP (dBm)	De Facto EIRP Limit (dBm)	Margin (dB)	Result
1	21.8	2.2	24.0	36.0	12.0	Complied
2	22.4	2.2	24.6	36.0	11.4	Complied
3	22.5	2.2	24.7	36.0	11.3	Complied
6	22.6	2.2	24.8	36.0	11.2	Complied
7	22.3	2.2	24.5	36.0	11.5	Complied
11	21.6	2.2	23.8	36.0	12.2	Complied
12	18.5	2.2	20.7	36.0	15.3	Complied
13	14.1	2.2	16.3	36.0	19.7	Complied

Transmitter Maximum (Average) Output Power (continued)**Results: 802.11b / 20 MHz / MIMO / 3Tx CDD / DBPSK / 1 Mbps / Core 0****Channel 1****Channel 2****Channel 3****Channel 6**

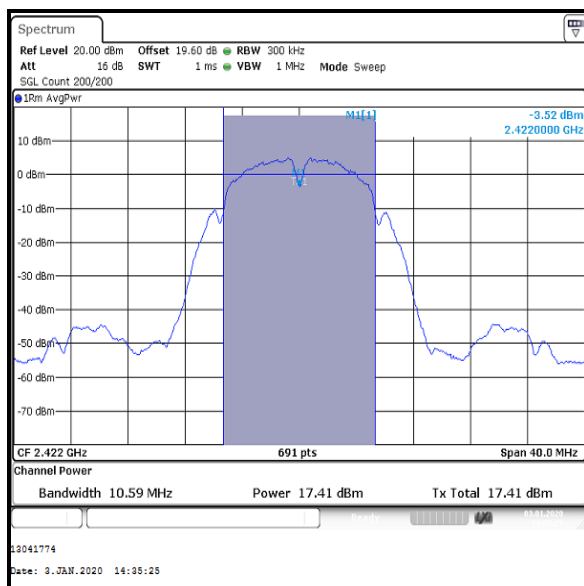
Transmitter Maximum (Average) Output Power (continued)**Results: 802.11b / 20 MHz / MIMO / 3Tx CDD / DBPSK / 1 Mbps / Core 0****Channel 7****Channel 11****Channel 12****Channel 13**

Transmitter Maximum (Average) Output Power (continued)**Results: 802.11b / 20 MHz / MIMO / 3Tx CDD / DBPSK / 1 Mbps / Core 1**

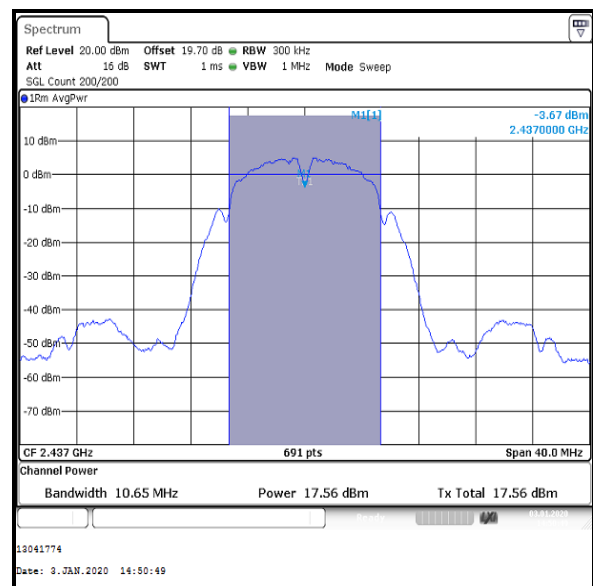
Channel 1



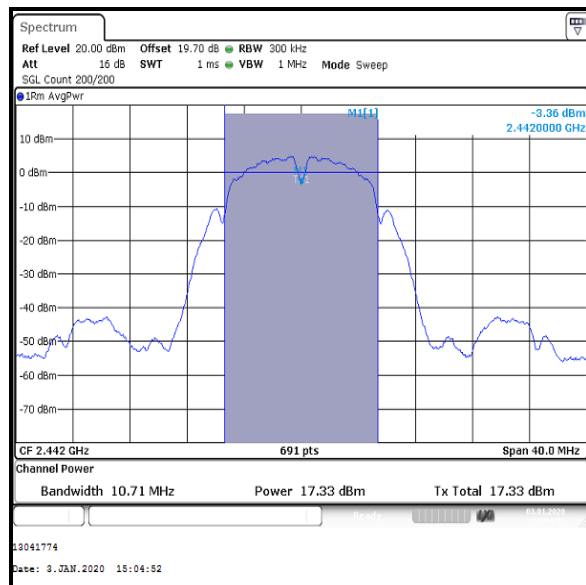
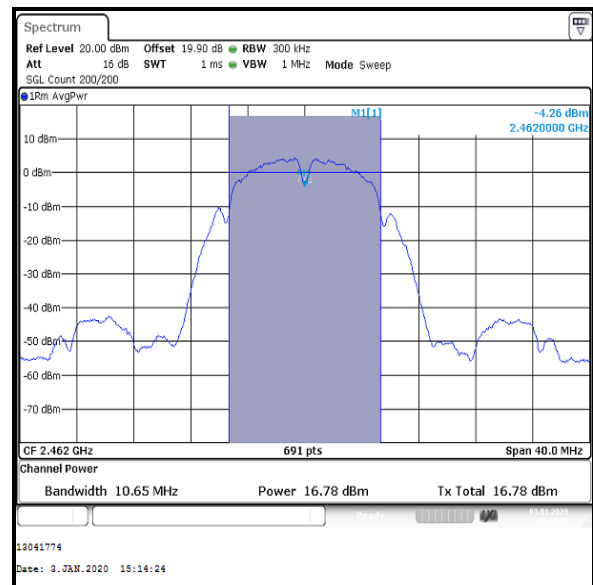
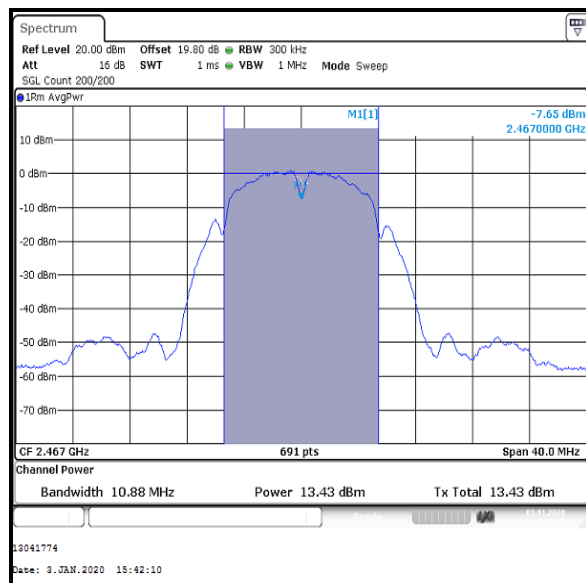
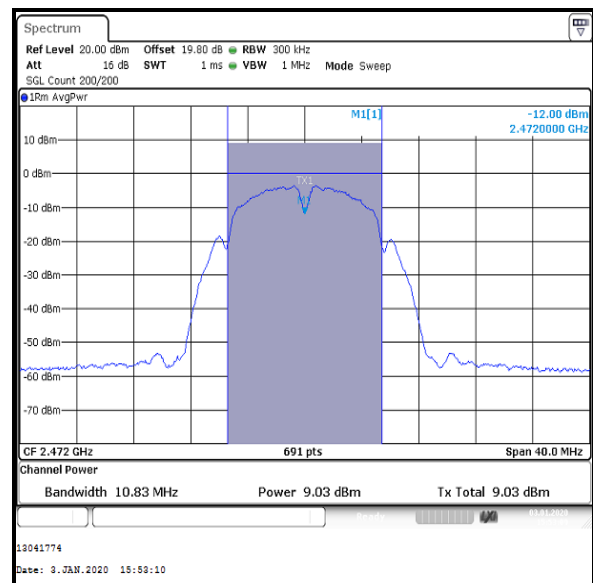
Channel 2

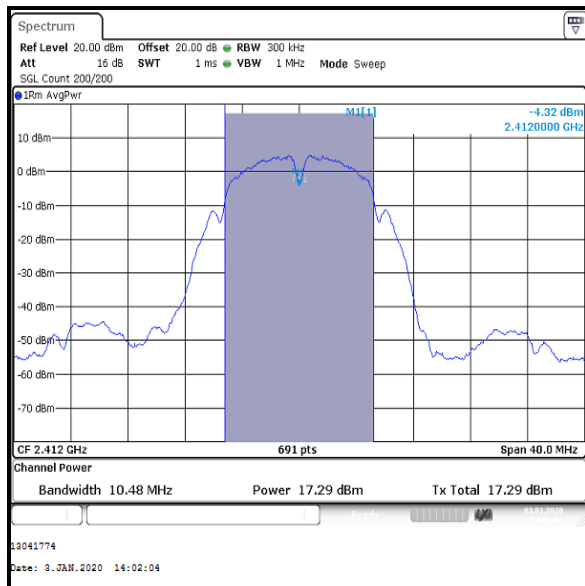


Channel 3

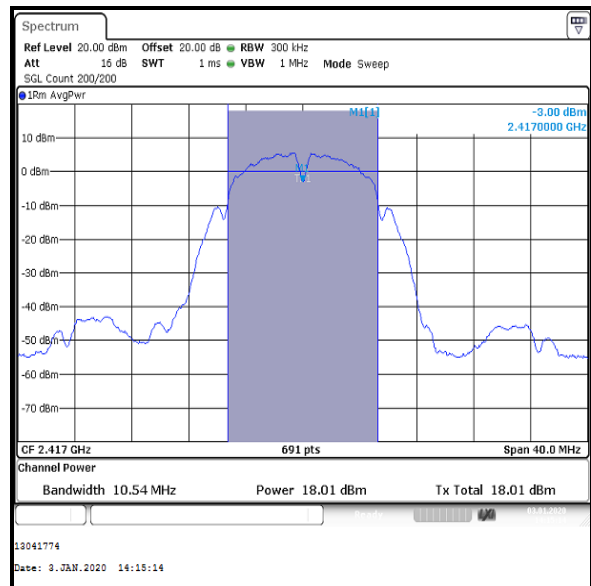


Channel 6

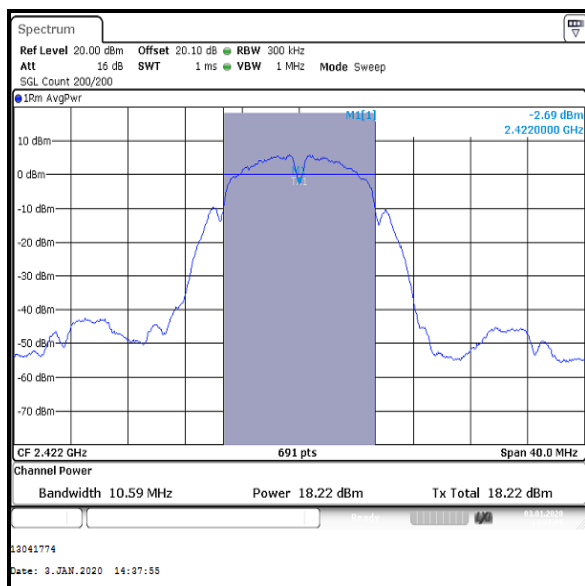
Transmitter Maximum (Average) Output Power (continued)**Results: 802.11b / 20 MHz / MIMO / 3Tx CDD / DBPSK / 1 Mbps / Core 1****Channel 7****Channel 11****Channel 12****Channel 13**

Transmitter Maximum (Average) Output Power (continued)**Results: 802.11b / 20 MHz / MIMO / 3Tx CDD / DBPSK / 1 Mbps / Core 2**

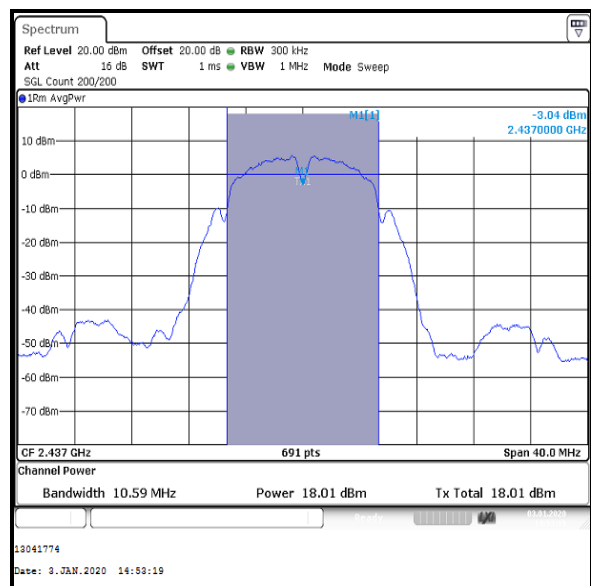
Channel 1



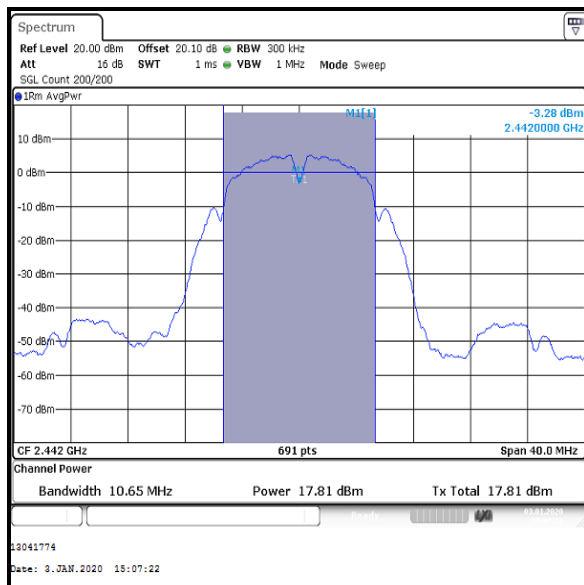
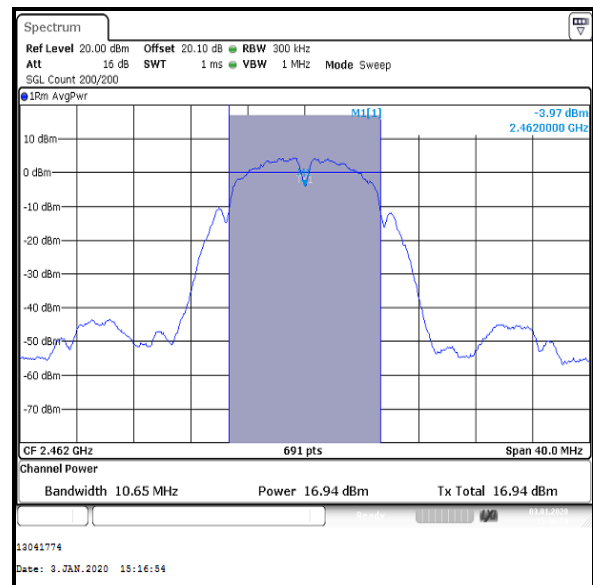
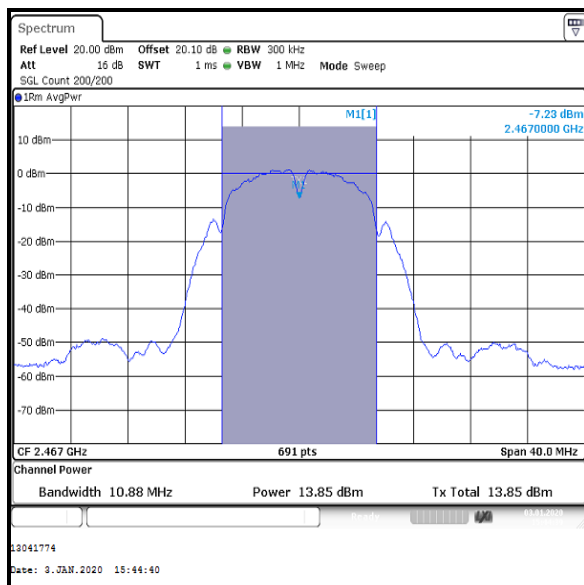
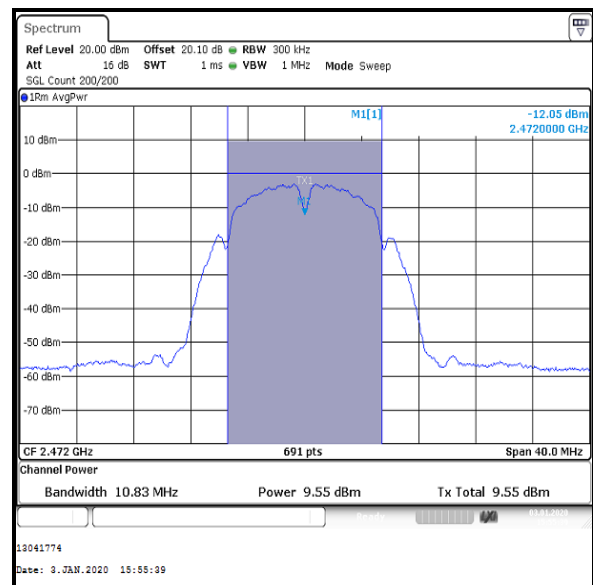
Channel 2



Channel 3



Channel 6

Transmitter Maximum (Average) Output Power (continued)**Results: 802.11b / 20 MHz / MIMO / 3Tx CDD / DBPSK / 1 Mbps / Core 2****Channel 7****Channel 11****Channel 12****Channel 13**

Transmitter Maximum (Average) Output Power (continued)**Results: 802.11n / HT20 / MIMO / 2Tx CDD / BPSK / MCS0****Conducted Peak Limit Comparison**

Channel	Conducted Peak Power Core 0 (dBm)	Conducted Peak Power Core 2 (dBm)	Combined Conducted Peak Power (dBm)	Conducted Peak Power Limit (dBm)	Margin (dB)	Result
1	14.5	14.9	17.7	30.0	12.3	Complied
2	17.2	17.5	20.4	30.0	9.6	Complied
3	17.8	18.2	21.0	30.0	9.0	Complied
6	17.4	17.6	20.5	30.0	9.5	Complied
7	17.4	17.9	20.7	30.0	9.3	Complied
11	13.3	13.7	16.5	30.0	13.5	Complied
12	11.3	11.8	14.6	30.0	15.4	Complied
13	0.4	0.8	3.6	30.0	26.4	Complied

EIRP Limit Comparison

Channel	Combined Conducted Peak Power (dBm)	Directional Antenna Gain (dBi)	EIRP (dBm)	De Facto EIRP Limit (dBm)	Margin (dB)	Result
1	17.7	2.2	19.9	36.0	16.1	Complied
2	20.4	2.2	22.6	36.0	13.4	Complied
3	21.0	2.2	23.2	36.0	12.8	Complied
6	20.5	2.2	22.7	36.0	13.3	Complied
7	20.7	2.2	22.9	36.0	13.1	Complied
11	16.5	2.2	18.7	36.0	17.3	Complied
12	14.6	2.2	16.8	36.0	19.2	Complied
13	3.6	2.2	5.8	36.0	30.2	Complied