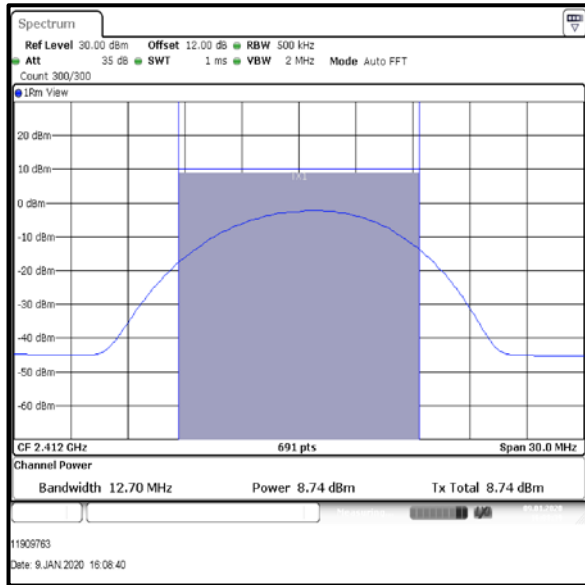
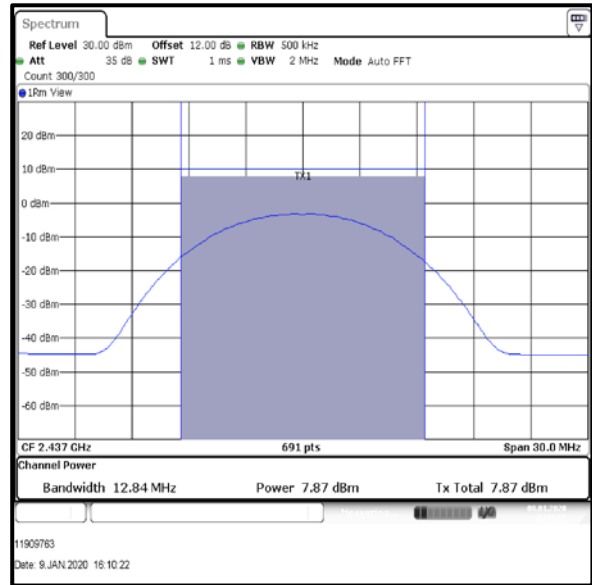


Transmitter Maximum (Average) Output Power (continued)

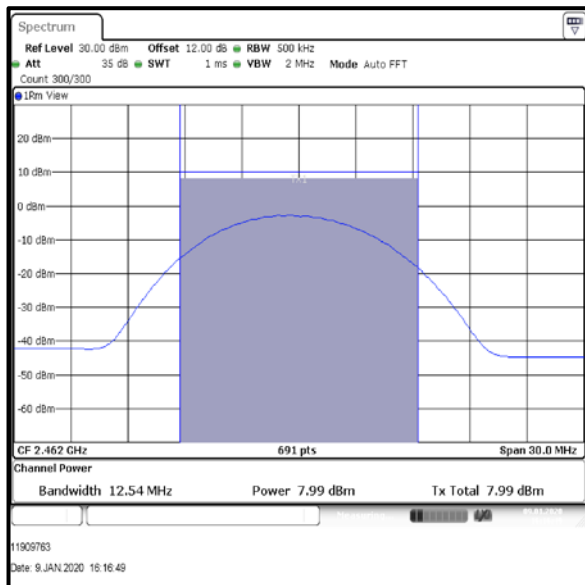
Results: 802.11b / 20 MHz / 5.5 Mbps / MIMO / Port 3 / PWL 13 / 9 dBi Antenna Group



Bottom Channel



Middle Channel



Top Channel

Transmitter Maximum (Average) Output Power (continued)

Results: 802.11g / 20 MHz / 6 Mbps / MIMO / Port 1+2+3 / PWL 13 / 9 dBi Antenna Group

Conducted Power Limit Comparison

Channel	Port 1			Port 2		
	Conducted Power (dBm)	Duty Cycle Correction (dB)	Corrected Conducted Power (dBm)	Conducted Power (dBm)	Duty Cycle Correction (dB)	Corrected Conducted Power (dBm)
Bottom	8.9	0.2	9.1	8.4	0.2	8.6
Middle	8.1	0.2	8.3	8.3	0.2	8.5
Top	8.7	0.2	8.9	8.3	0.2	8.5

Channel	Port 3		
	Conducted Power (dBm)	Duty Cycle Correction (dB)	Corrected Conducted Power (dBm)
Bottom	9.4	0.2	9.6
Middle	8.4	0.2	8.6
Top	8.7	0.2	8.9

Channel	Corrected Conducted Power Port 1 (dBm)	Corrected Conducted Power Port 2 (dBm)	Corrected Conducted Power Port 3 (dBm)	Port 1+2+3 Combined Conducted Power (dBm)	Conducted Power Limit (dBm)	Margin (dB)	Result
Bottom	9.1	8.6	9.6	13.9	27.0	13.1	Complied
Middle	8.3	8.5	8.6	13.2	27.0	13.8	Complied
Top	8.9	8.5	8.9	13.5	27.0	13.5	Complied

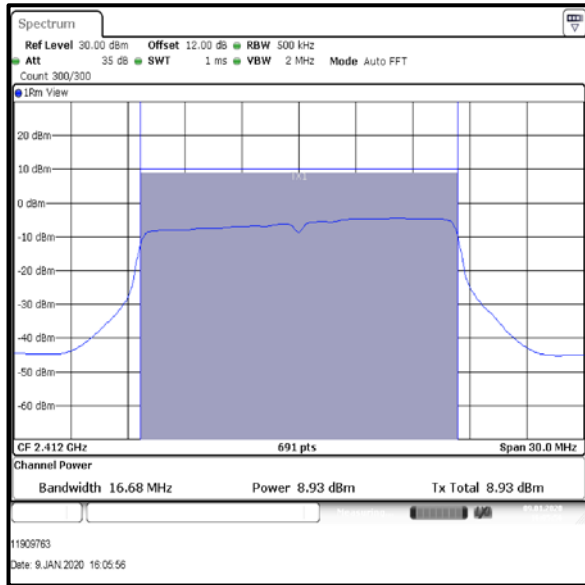
De Facto EIRP Limit Comparison

Channel	Port 1+2+3 Combined Conducted Power (dBm)	Directional Antenna Gain (dBi)	EIRP (dBm)	De Facto EIRP Limit (dBm)	Margin (dB)	Result
Bottom	13.9	9.0	22.9	36.0	13.1	Complied
Middle	13.2	9.0	22.2	36.0	13.8	Complied
Top	13.5	9.0	22.5	36.0	13.5	Complied

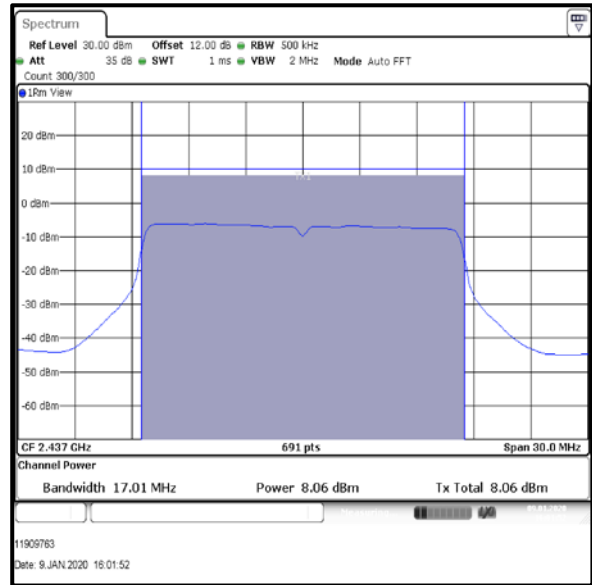
Result: Pass

Transmitter Maximum (Average) Output Power (continued)

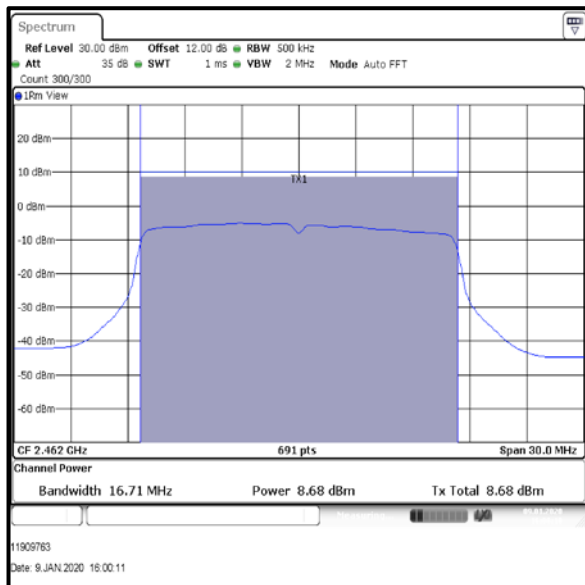
Results: 802.11g / 20 MHz / 6 Mbps / MIMO / Port 1 / PWL 13 / 9 dBi Antenna Group



Bottom Channel



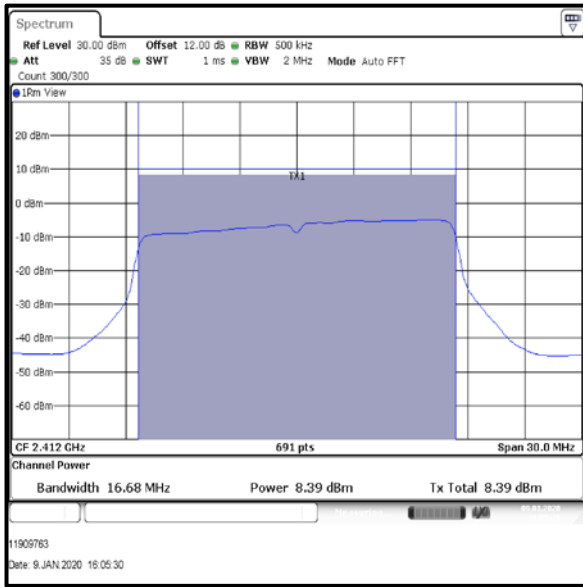
Middle Channel



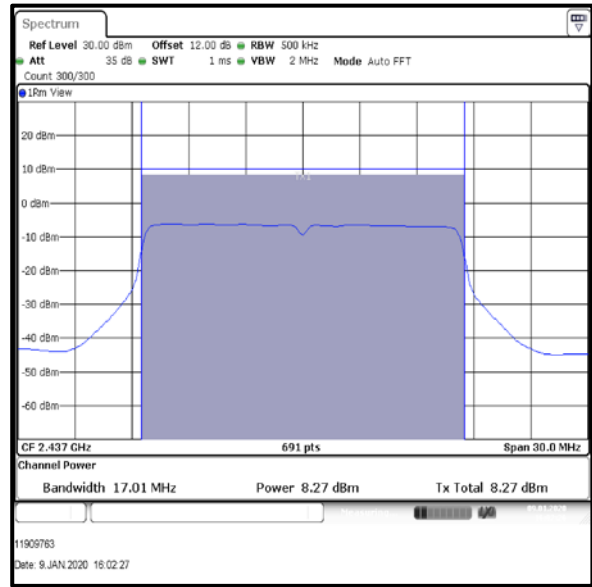
Top Channel

Transmitter Maximum (Average) Output Power (continued)

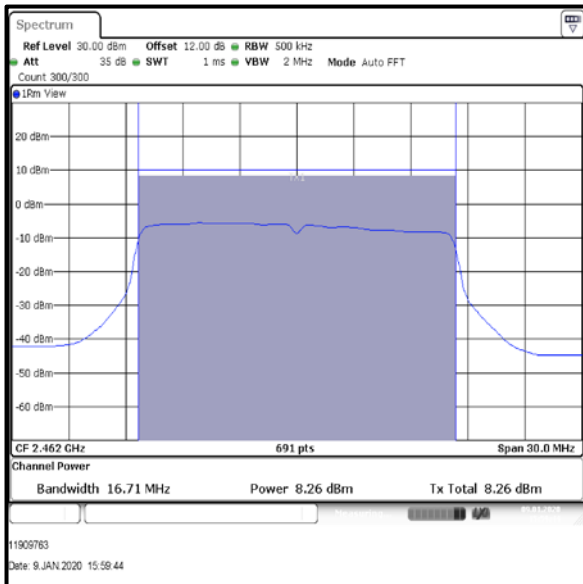
Results: 802.11g / 20 MHz / 6 Mbps / MIMO / Port 2 / PWL 13 / 9 dBi Antenna Group



Bottom Channel



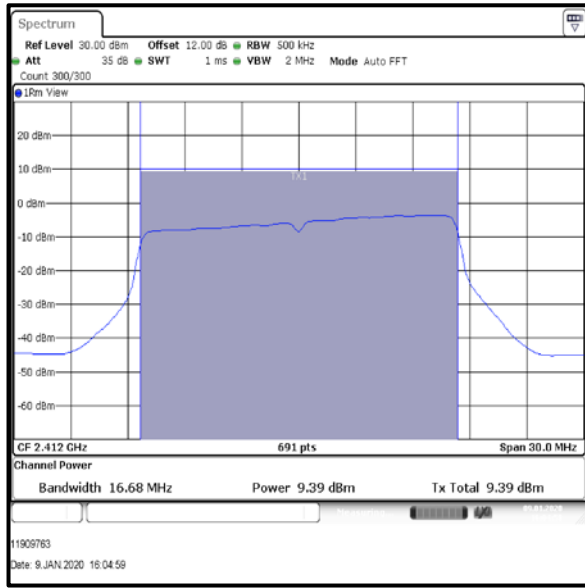
Middle Channel



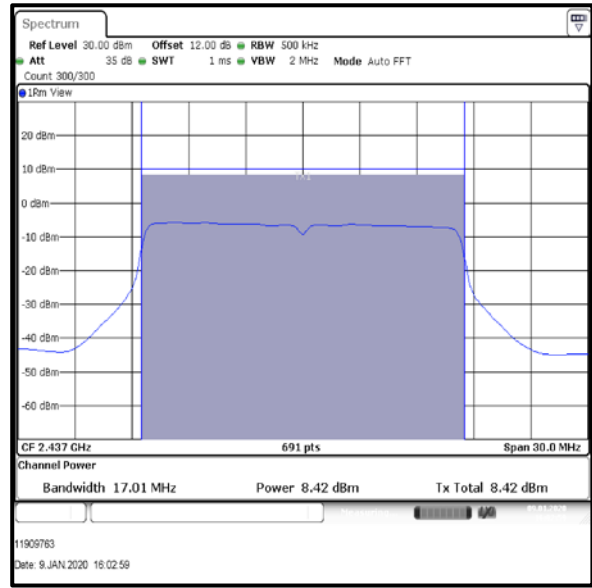
Top Channel

Transmitter Maximum (Average) Output Power (continued)

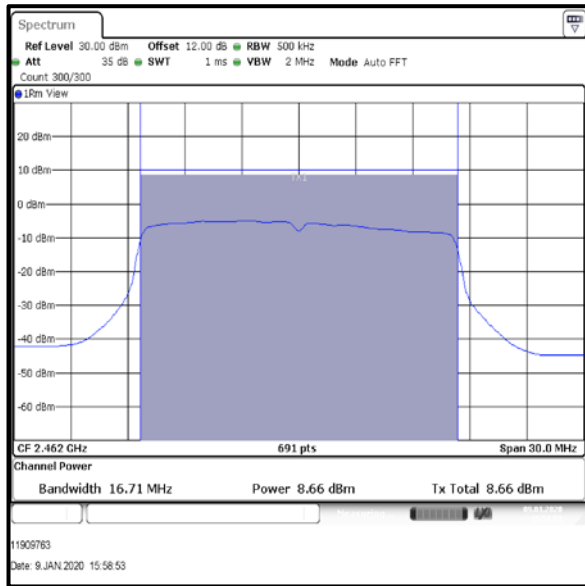
Results: 802.11g / 20 MHz / 6 Mbps / MIMO / Port 3 / PWL 13 / 9 dBi Antenna Group



Bottom Channel



Middle Channel



Top Channel

Transmitter Maximum (Average) Output Power (continued)

Results: 802.11n / HT20 / MCS0 / MIMO / Port 1+2+3 / PWL 13 / 9 dBi Antenna Group

Conducted Power Limit Comparison

Channel	Port 1			Port 2		
	Conducted Power (dBm)	Duty Cycle Correction (dB)	Corrected Conducted Power (dBm)	Conducted Power (dBm)	Duty Cycle Correction (dB)	Corrected Conducted Power (dBm)
Bottom	8.6	0.4	9	8.1	0.4	8.5
Middle	7.8	0.4	8.2	8.0	0.4	8.4
Top	8.3	0.4	8.7	7.9	0.4	8.3

Channel	Port 3		
	Conducted Power (dBm)	Duty Cycle Correction (dB)	Corrected Conducted Power (dBm)
Bottom	9.1	0.4	9.5
Middle	8.2	0.4	8.6
Top	8.3	0.4	8.7

Channel	Corrected Conducted Power Port 1 (dBm)	Corrected Conducted Power Port 2 (dBm)	Corrected Conducted Power Port 3 (dBm)	Port 1+2+3 Combined Conducted Power (dBm)	Conducted Power Limit (dBm)	Margin (dB)	Result
Bottom	9.0	8.5	9.5	13.8	27.0	13.2	Complied
Middle	8.2	8.4	8.6	13.2	27.0	13.8	Complied
Top	8.7	8.3	8.7	13.4	27.0	13.6	Complied

De Facto EIRP Limit Comparison

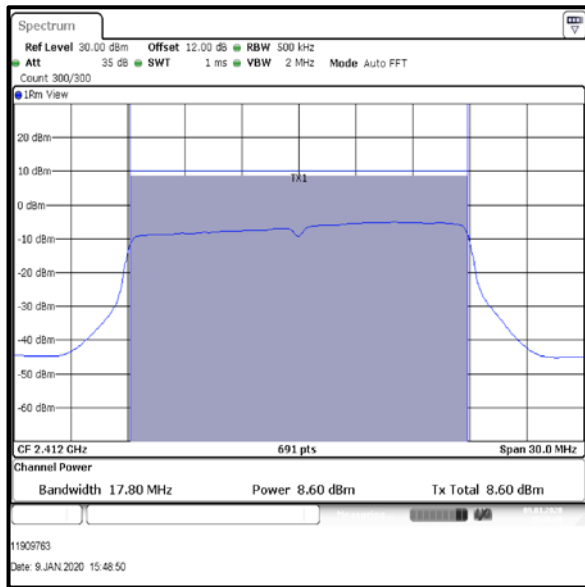
Channel	Port 1+2+3 Combined Conducted Power (dBm)	Directional Antenna Gain (dBi)	EIRP (dBm)	De Facto EIRP Limit (dBm)	Margin (dB)	Result
Bottom	13.8	9.0	22.8	36.0	13.2	Complied
Middle	13.2	9.0	22.2	36.0	13.8	Complied
Top	13.4	9.0	22.4	36.0	13.6	Complied

Result: **Pass**

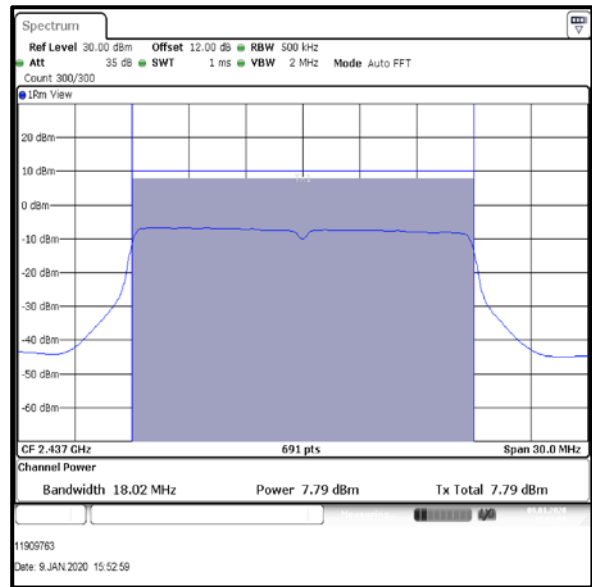


Transmitter Maximum (Average) Output Power (continued)

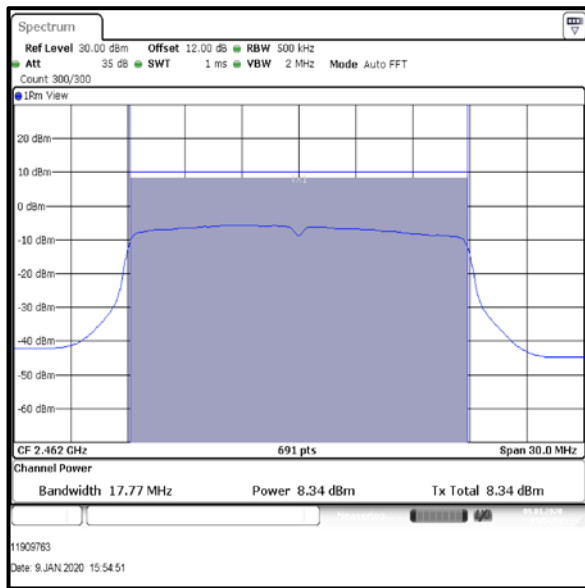
Results: 802.11n / HT20 / MCS0 / MIMO / Port 1 / PWL 13 / 9 dBi Antenna Group



Bottom Channel



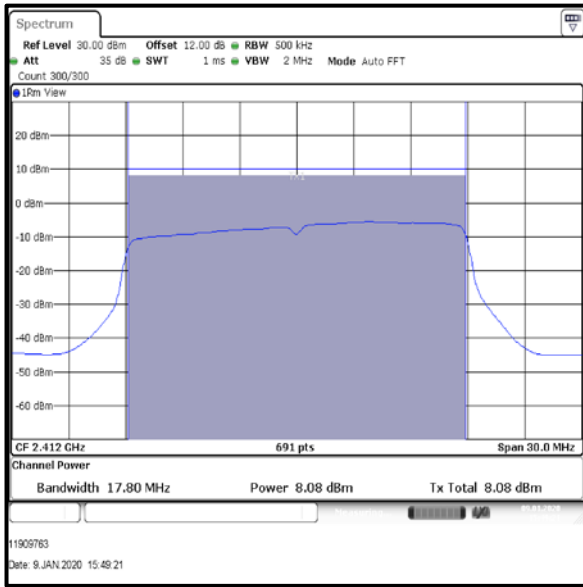
Middle Channel



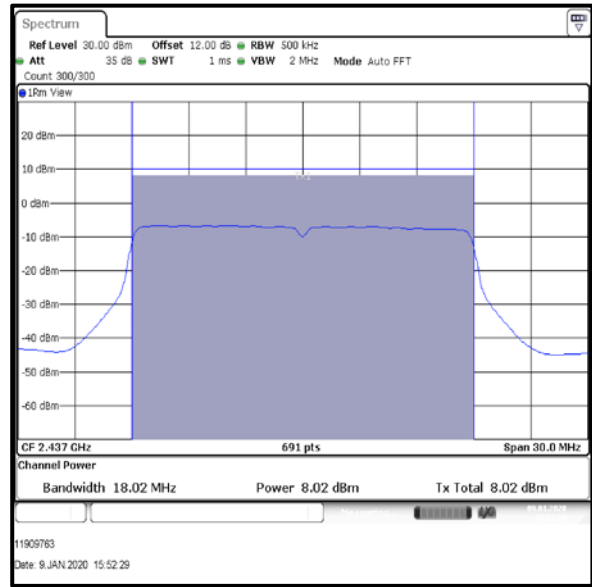
Top Channel

Transmitter Maximum (Average) Output Power (continued)

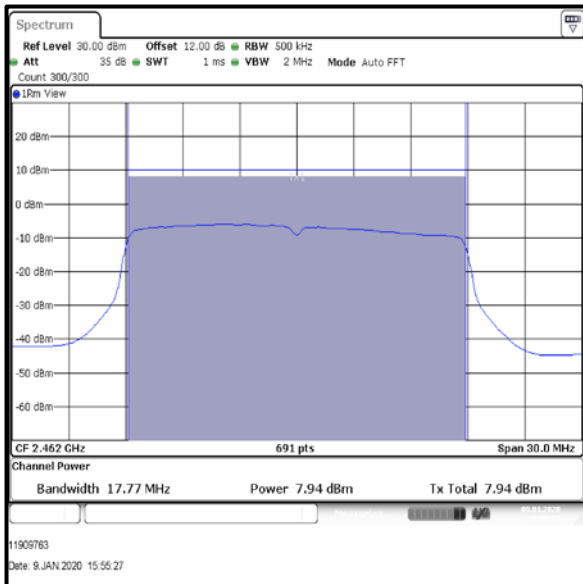
Results: 802.11n / HT20 / MCS0 / MIMO / Port 2 / PWL 13 / 9 dBi Antenna Group



Bottom Channel



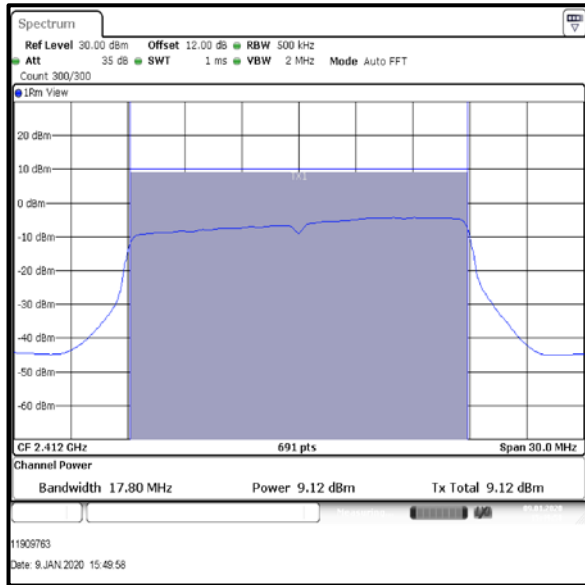
Middle Channel



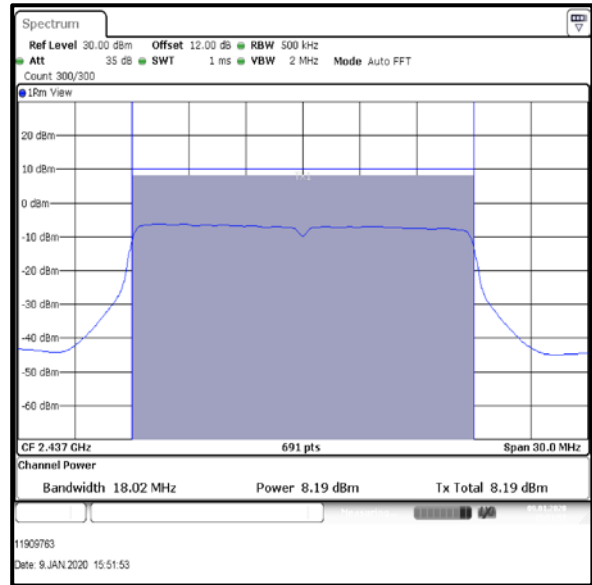
Top Channel

Transmitter Maximum (Average) Output Power (continued)

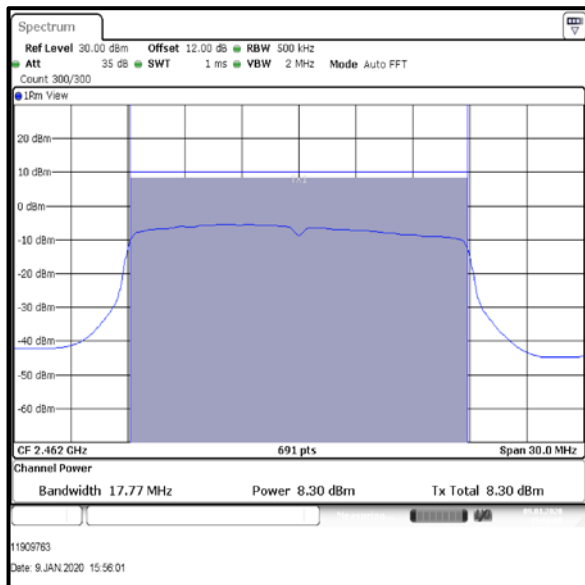
Results: 802.11n / HT20 / MCS0 / MIMO / Port 3 / PWL 13 / 9 dBi Antenna Group



Bottom Channel



Middle Channel



Top Channel

Transmitter Maximum (Average) Output Power (continued)

Results: 802.11n / HT40 / MCS0 / MIMO / Port 1+2+3 / PWL 13 / 9 dBi Antenna Group

Conducted Power Limit Comparison

Channel	Port 1			Port 2		
	Conducted Power (dBm)	Duty Cycle Correction (dB)	Corrected Conducted Power (dBm)	Conducted Power (dBm)	Duty Cycle Correction (dB)	Corrected Conducted Power (dBm)
Bottom	8.9	0.6	9.5	8.6	0.6	9.2
Middle	7.8	0.6	8.4	8.0	0.6	8.6
Top	8.1	0.6	8.7	8.1	0.6	8.7

Channel	Port 3		
	Conducted Power (dBm)	Duty Cycle Correction (dB)	Corrected Conducted Power (dBm)
Bottom	9.2	0.6	9.8
Middle	8.2	0.6	8.8
Top	8.2	0.6	8.8

Channel	Corrected Conducted Power Port 1 (dBm)	Corrected Conducted Power Port 2 (dBm)	Corrected Conducted Power Port 3 (dBm)	Port 1+2+3 Combined Conducted Power (dBm)	Conducted Power Limit (dBm)	Margin (dB)	Result
Bottom	9.5	9.2	9.8	14.3	27.0	12.7	Complied
Middle	8.4	8.6	8.8	13.3	27.0	13.7	Complied
Top	8.7	8.7	8.8	13.5	27.0	13.5	Complied

De Facto EIRP Limit Comparison

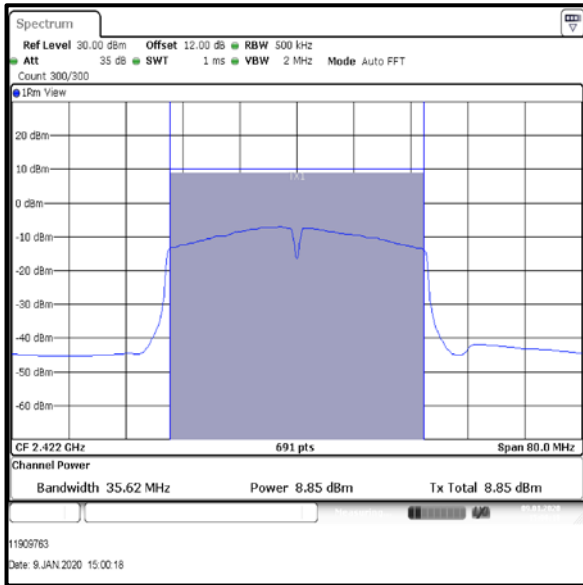
Channel	Port 1+2+3 Combined Conducted Power (dBm)	Directional Antenna Gain (dBi)	EIRP (dBm)	De Facto EIRP Limit (dBm)	Margin (dB)	Result
Bottom	14.3	9.0	23.3	36.0	12.7	Complied
Middle	13.3	9.0	22.3	36.0	13.7	Complied
Top	13.5	9.0	22.5	36.0	13.5	Complied

Result: Pass

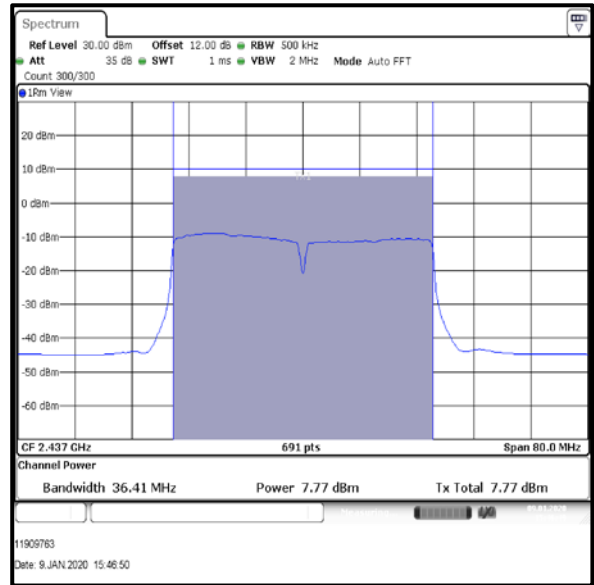


Transmitter Maximum (Average) Output Power (continued)

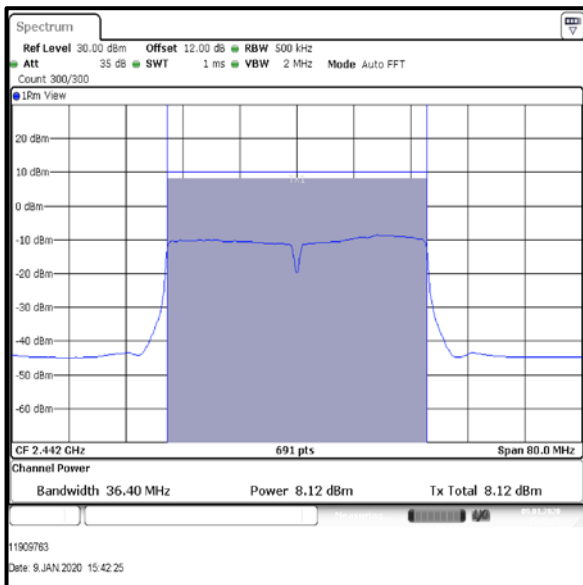
Results: 802.11n / HT40 / MCS0 / MIMO / Port 1 / PWL 13 / 9 dBi Antenna Group



Bottom Channel



Middle Channel



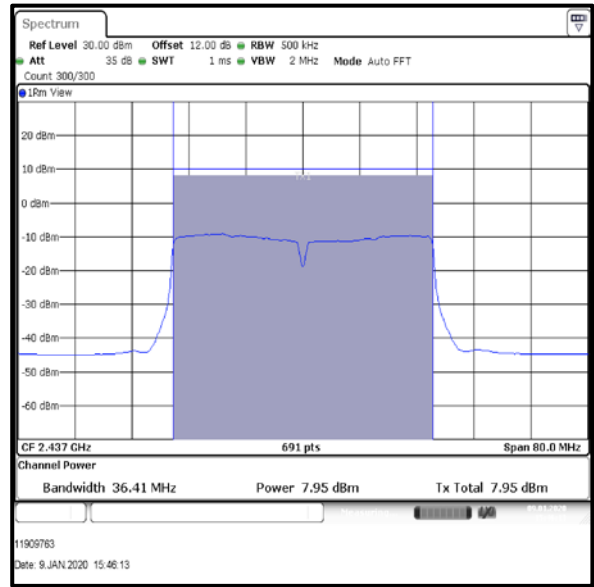
Top Channel

Transmitter Maximum (Average) Output Power (continued)

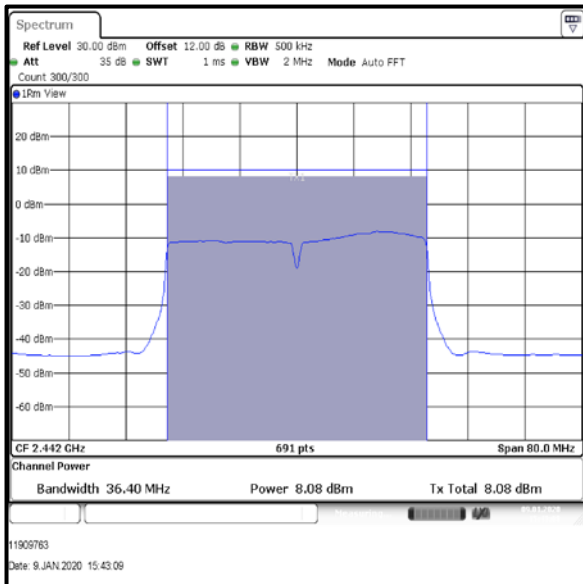
Results: 802.11n / HT40 / MCS0 / MIMO / Port 2 / PWL 13 / 9 dBi Antenna Group



Bottom Channel



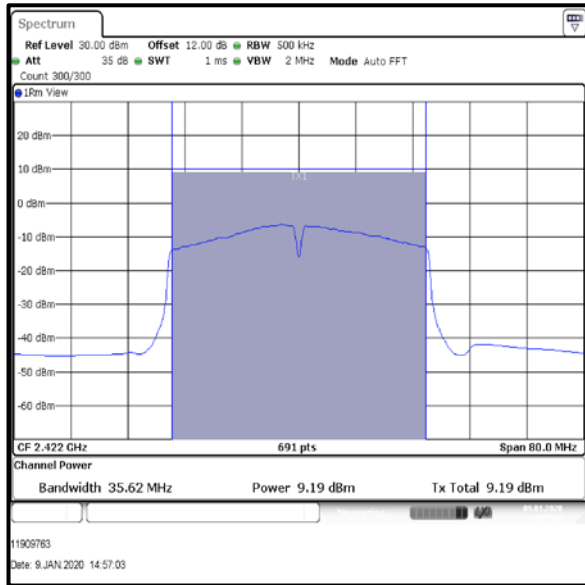
Middle Channel



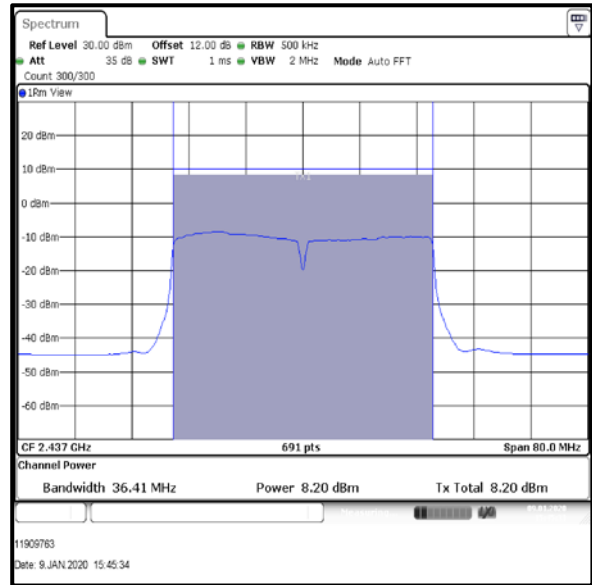
Top Channel

Transmitter Maximum (Average) Output Power (continued)

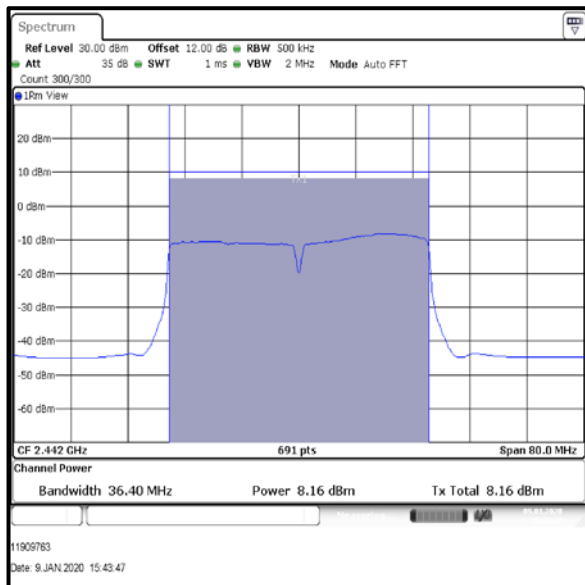
Results: 802.11n / HT40 / MCS0 / MIMO / Port 3 / PWL 13 / 9 dBi Antenna Group



Bottom Channel



Middle Channel



Top Channel

Transmitter Maximum (Average) Output Power (continued)

Results: 802.11b / 20 MHz / 5.5 Mbps / MIMO / Port 1+2+3+4 / PWL 12 / 9 dBi Antenna Group

Conducted Power Limit Comparison

Channel	Conducted Power Port 1 (dBm)	Conducted Power Port 2 (dBm)	Conducted Power Port 3 (dBm)	Conducted Power Port 4 (dBm)	Port 1+2+3+4 Combined Conducted Power (dBm)	Conducted Power Limit (dBm)	Margin (dB)	Result
Bottom	6.2	5.8	6.4	5.1	11.9	27.0	15.1	Complied
Middle	5.1	5.2	5.9	4.5	11.2	27.0	15.8	Complied
Top	6.1	5.3	5.9	4.8	11.6	27.0	15.4	Complied

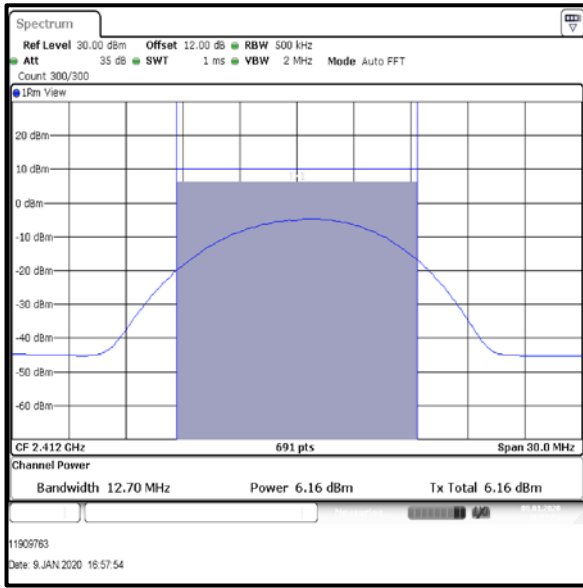
De Facto EIRP Limit Comparison

Channel	Port 1+2+3+4 Combined Conducted Power (dBm)	Directional Antenna Gain (dBi)	EIRP (dBm)	De Facto EIRP Limit (dBm)	Margin (dB)	Result
Bottom	11.9	9.0	20.9	36.0	15.1	Complied
Middle	11.2	9.0	20.2	36.0	15.8	Complied
Top	11.6	9.0	20.6	36.0	15.4	Complied

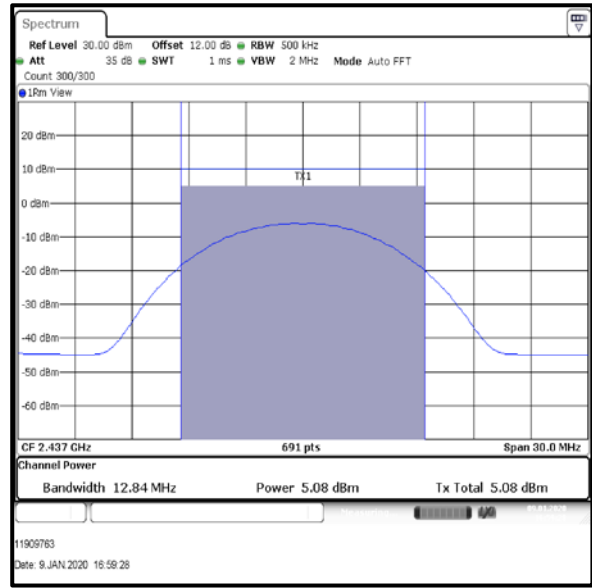
Result: Pass

Transmitter Maximum (Average) Output Power (continued)

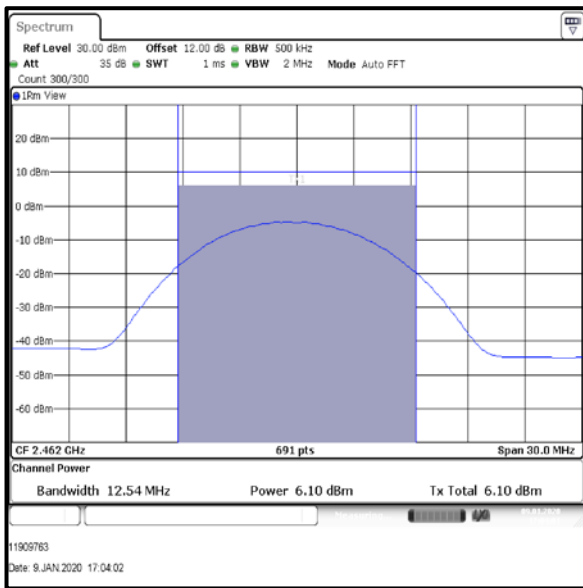
Results: 802.11b / 20 MHz / 5.5 Mbps / MIMO / Port 1/ PWL 12 / 9 dBi Antenna Group



Bottom Channel



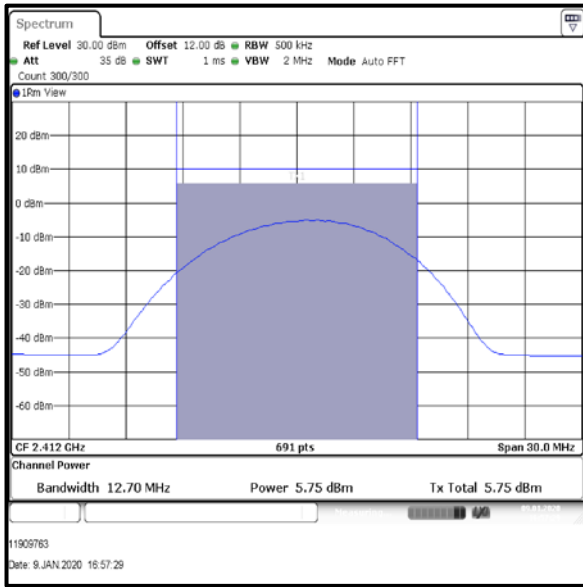
Middle Channel



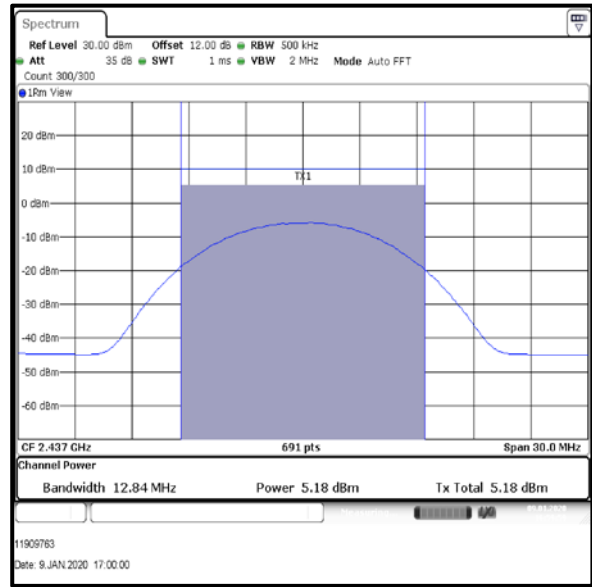
Top Channel

Transmitter Maximum (Average) Output Power (continued)

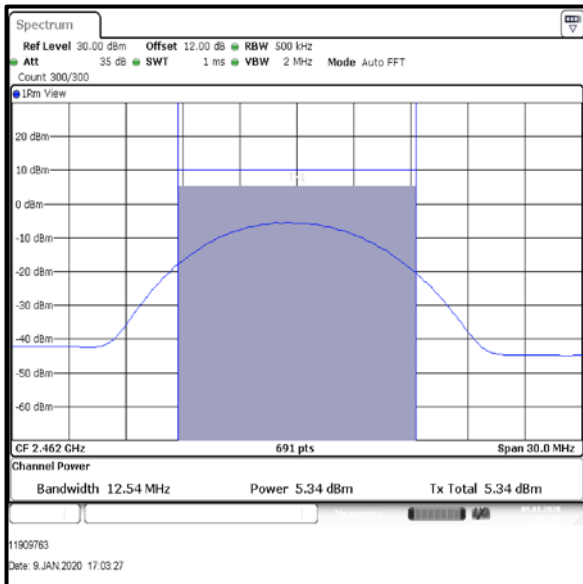
Results: 802.11b / 20 MHz / 5.5 Mbps / MIMO / Port 2 / PWL 12 / 9 dBi Antenna Group



Bottom Channel



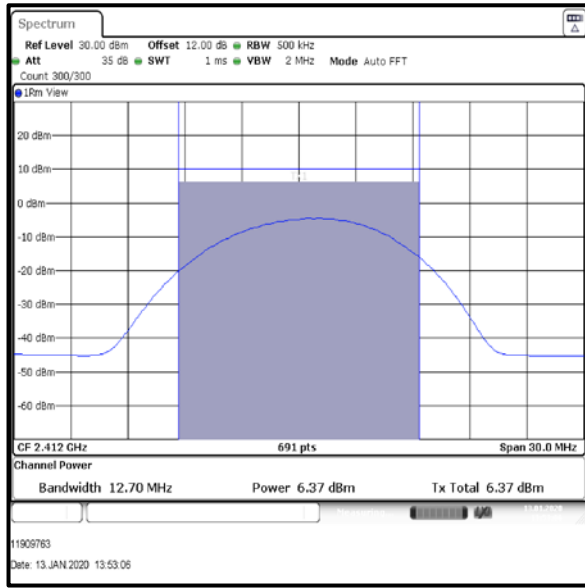
Middle Channel



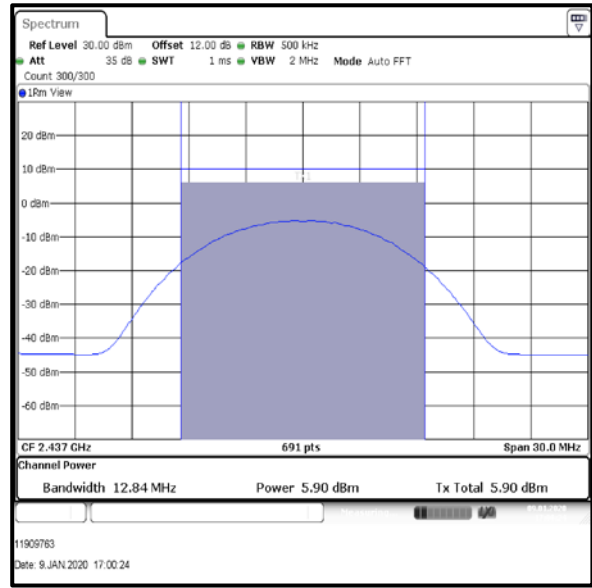
Top Channel

Transmitter Maximum (Average) Output Power (continued)

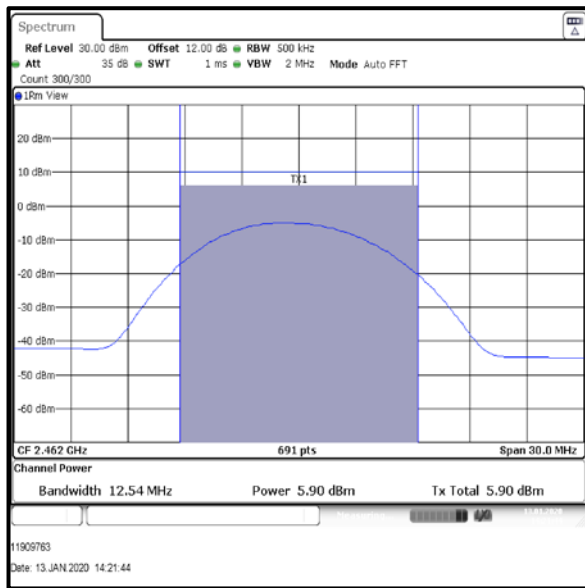
Results: 802.11b / 20 MHz / 5.5 Mbps / MIMO / Port 3 / PWL 12 / 9 dBi Antenna Group



Bottom Channel



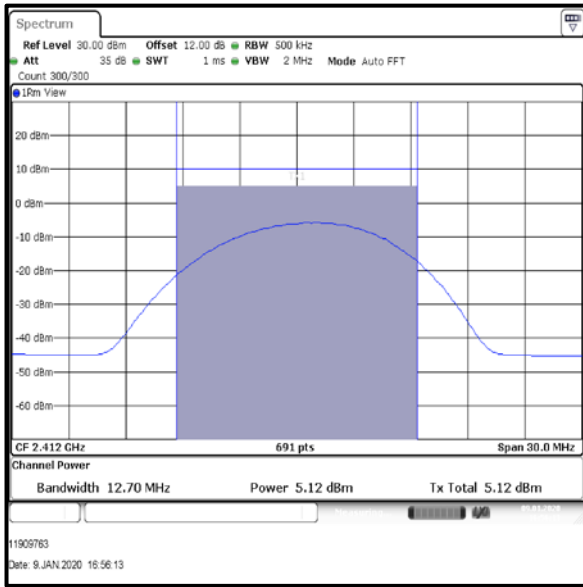
Middle Channel



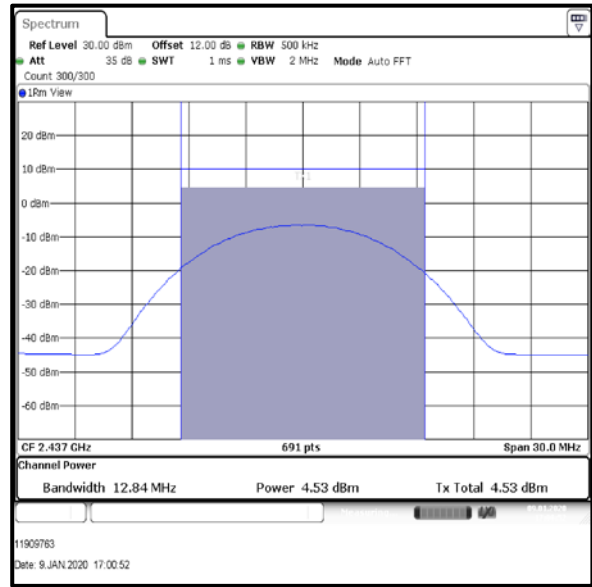
Top Channel

Transmitter Maximum (Average) Output Power (continued)

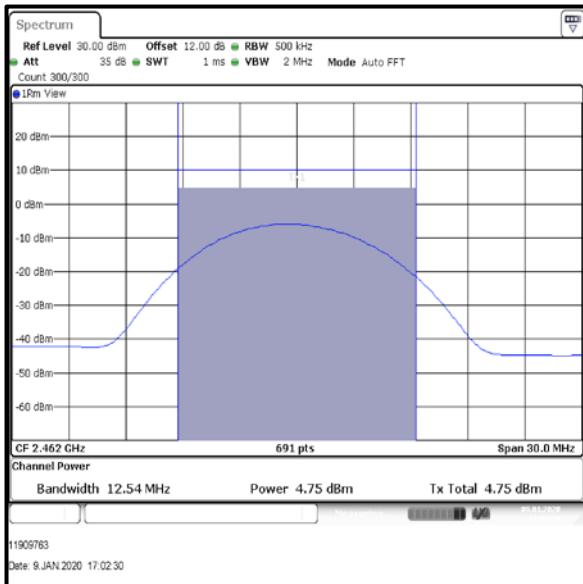
Results: 802.11b / 20 MHz / 5.5 Mbps / MIMO / Port 4 / PWL 12 / 9 dBi Antenna Group



Bottom Channel



Middle Channel



Top Channel

Transmitter Maximum (Average) Output Power (continued)

Results: 802.11g / 20 MHz / 6 Mbps / MIMO / Port 1+2+3+4 / PWL 12 / 9 dBi Antenna Group

Conducted Power Limit Comparison

Channel	Port 1			Port 2		
	Conducted Power (dBm)	Duty Cycle Correction (dB)	Corrected Conducted Power (dBm)	Conducted Power (dBm)	Duty Cycle Correction (dB)	Corrected Conducted Power (dBm)
Bottom	6.6	0.2	6.8	6.3	0.2	6.5
Middle	6.0	0.2	6.2	6.2	0.2	6.4
Top	6.5	0.2	6.7	6.2	0.2	6.4

Channel	Port 3			Port 4		
	Conducted Power (dBm)	Duty Cycle Correction (dB)	Corrected Conducted Power (dBm)	Conducted Power (dBm)	Duty Cycle Correction (dB)	Corrected Conducted Power (dBm)
Bottom	7.2	0.2	7.4	6.4	0.2	6.6
Middle	6.4	0.2	6.6	5.9	0.2	6.1
Top	6.6	0.2	6.8	5.3	0.2	5.5

Channel	Corrected Conducted Power Port 1 (dBm)	Corrected Conducted Power Port 2 (dBm)	Corrected Conducted Power Port 3 (dBm)	Corrected Conducted Power Port 4 (dBm)	Port 1+2+3+4 Combined Conducted Power (dBm)	Conducted Power Limit (dBm)	Margin (dB)	Result
Bottom	6.8	6.5	7.4	6.6	12.9	27.0	14.1	Complied
Middle	6.2	6.4	6.6	6.1	12.3	27.0	14.7	Complied
Top	6.7	6.4	6.8	5.5	12.4	27.0	14.6	Complied

De Facto EIRP Limit Comparison

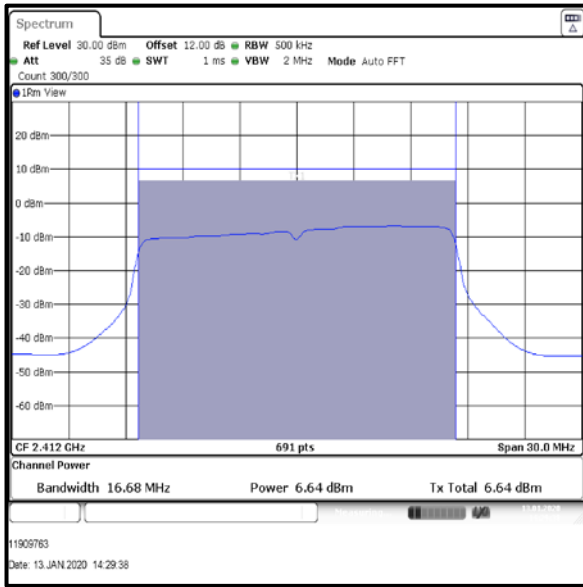
Channel	Combined Conducted Peak Power (dBm)	Directional Antenna Gain (dBi)	EIRP (dBm)	De Facto EIRP Limit (dBm)	Margin (dB)	Result
Bottom	12.9	9.0	21.9	36.0	14.1	Complied
Middle	12.3	9.0	21.3	36.0	14.7	Complied
Top	12.4	9.0	21.4	36.0	14.6	Complied

Result: Pass

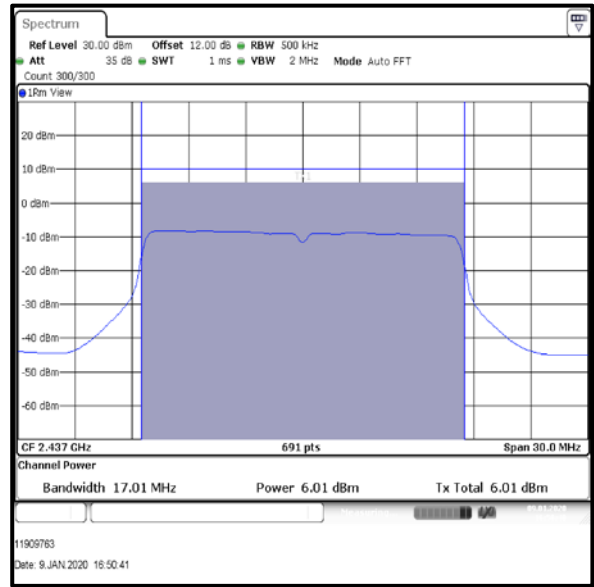


Transmitter Maximum (Average) Output Power (continued)

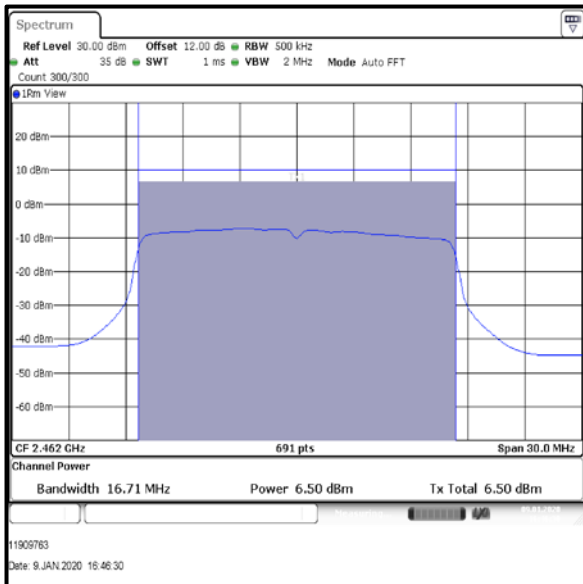
Results: 802.11g / 20 MHz / 6 Mbps / MIMO / Port 1 / PWL 12 / 9 dBi Antenna Group



Bottom Channel



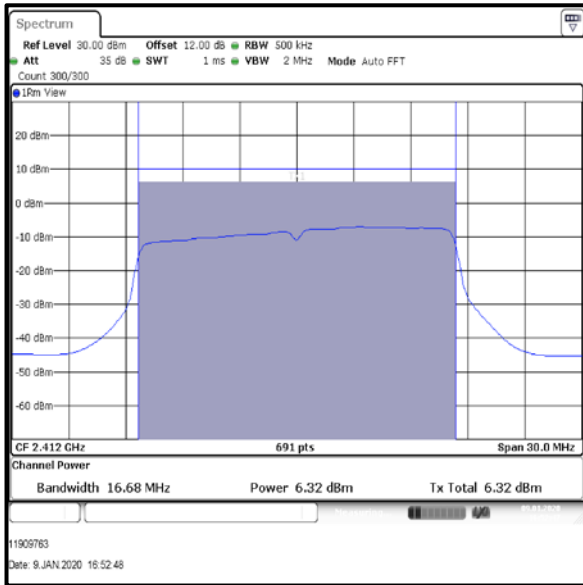
Middle Channel



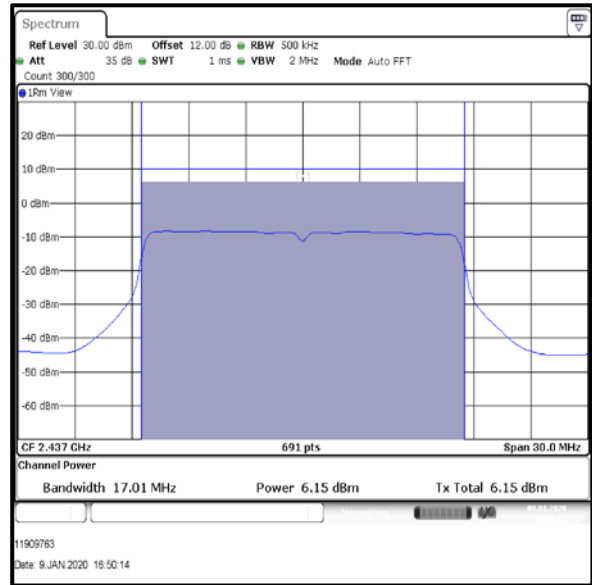
Top Channel

Transmitter Maximum (Average) Output Power (continued)

Results: 802.11g / 20 MHz / 6 Mbps / MIMO / Port 2 / PWL 12 / 9 dBi Antenna Group



Bottom Channel



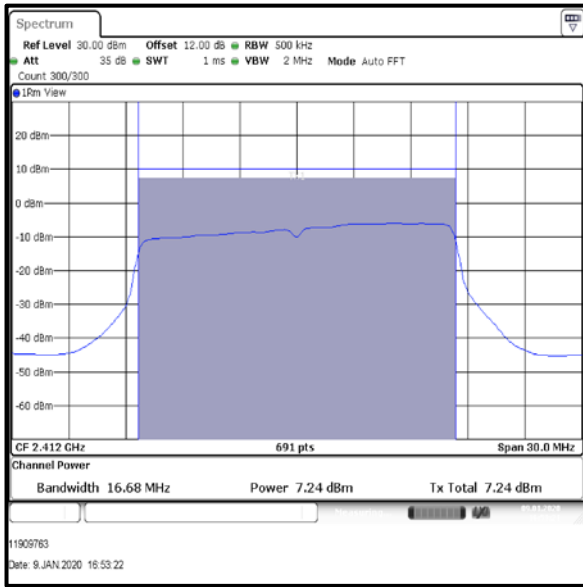
Middle Channel



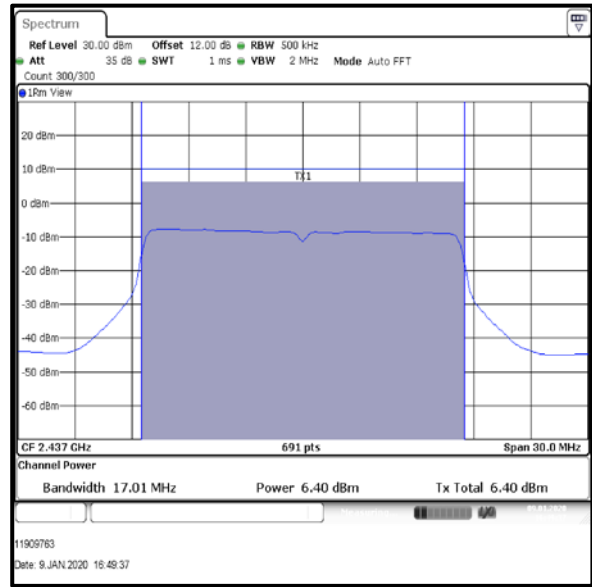
Top Channel

Transmitter Maximum (Average) Output Power (continued)

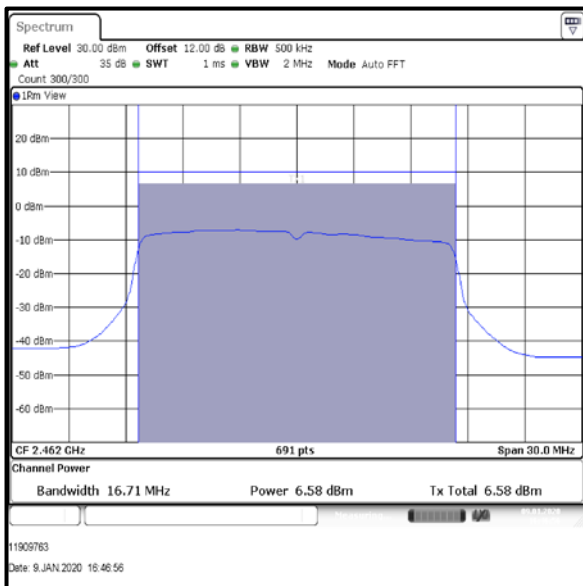
Results: 802.11g / 20 MHz / 6 Mbps / MIMO / Port 3 / PWL 12 / 9 dBi Antenna Group



Bottom Channel



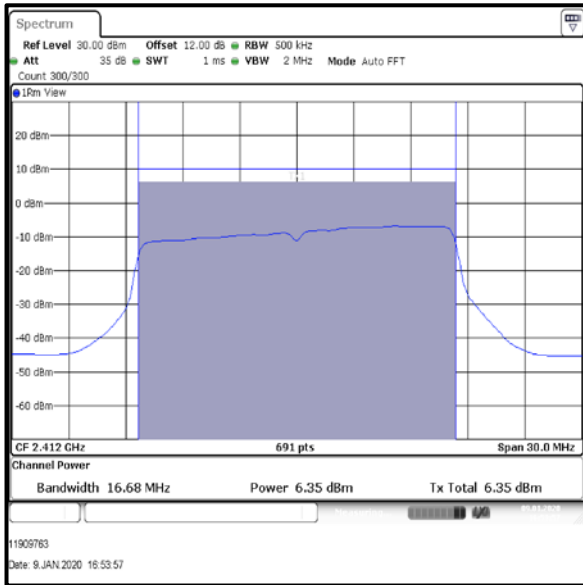
Middle Channel



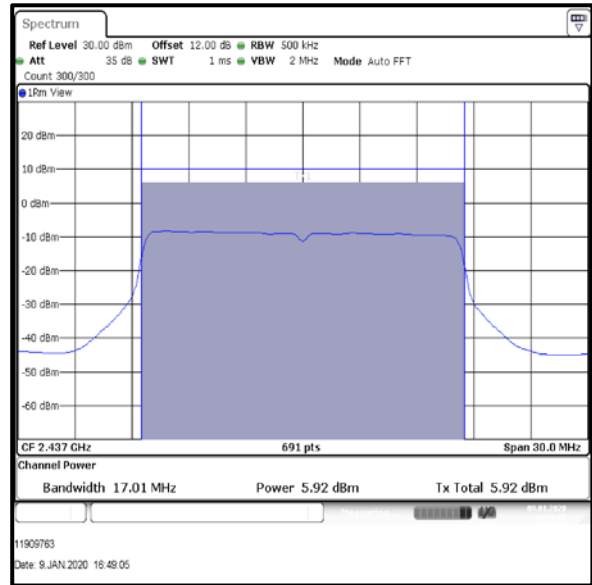
Top Channel

Transmitter Maximum (Average) Output Power (continued)

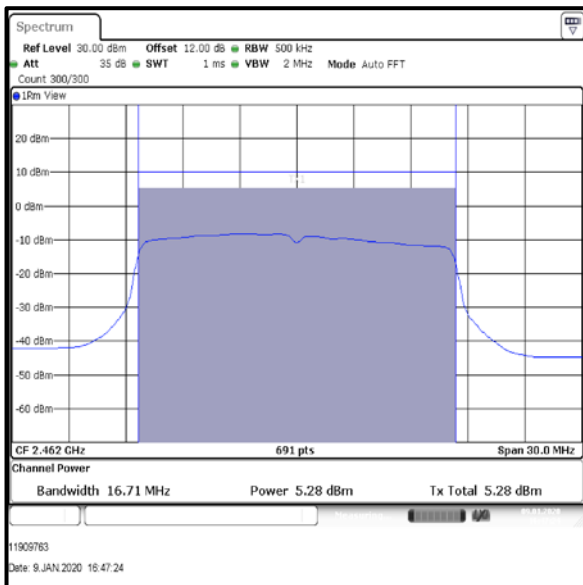
Results: 802.11g / 20 MHz / 6 Mbps / MIMO / Port 4 / PWL 12 / 9 dBi Antenna Group



Bottom Channel



Middle Channel



Top Channel

Transmitter Maximum (Average) Output Power (continued)

Results: 802.11n / HT20 / MCS0 / MIMO / Port 1+2+3+4 / PWL 12 / 9 dBi Antenna Group

Conducted Power Limit Comparison

Channel	Port 1			Port 2		
	Conducted Power (dBm)	Duty Cycle Correction (dB)	Corrected Conducted Power (dBm)	Conducted Power (dBm)	Duty Cycle Correction (dB)	Corrected Conducted Power (dBm)
Bottom	6.5	0.4	6.9	6.0	0.4	6.4
Middle	5.8	0.4	6.2	5.9	0.4	6.3
Top	6.3	0.4	6.7	5.9	0.4	6.3

Channel	Port 3			Port 4		
	Conducted Power (dBm)	Duty Cycle Correction (dB)	Corrected Conducted Power (dBm)	Conducted Power (dBm)	Duty Cycle Correction (dB)	Corrected Conducted Power (dBm)
Bottom	7.1	0.4	7.5	6.2	0.4	6.6
Middle	6.2	0.4	6.6	5.7	0.4	6.1
Top	6.4	0.4	6.8	4.9	0.4	5.3

Channel	Corrected Conducted Power Port 1 (dBm)	Corrected Conducted Power Port 2 (dBm)	Corrected Conducted Power Port 3 (dBm)	Corrected Conducted Power Port 4 (dBm)	Port 1+2+3+4 Combined Conducted Power (dBm)	Conducted Power Limit (dBm)	Margin (dB)	Result
Bottom	6.9	6.4	7.5	6.6	12.9	27.0	14.1	Complied
Middle	6.2	6.3	6.6	6.1	12.3	27.0	14.7	Complied
Top	6.7	6.3	6.8	5.3	12.3	27.0	14.7	Complied

De Facto EIRP Limit Comparison

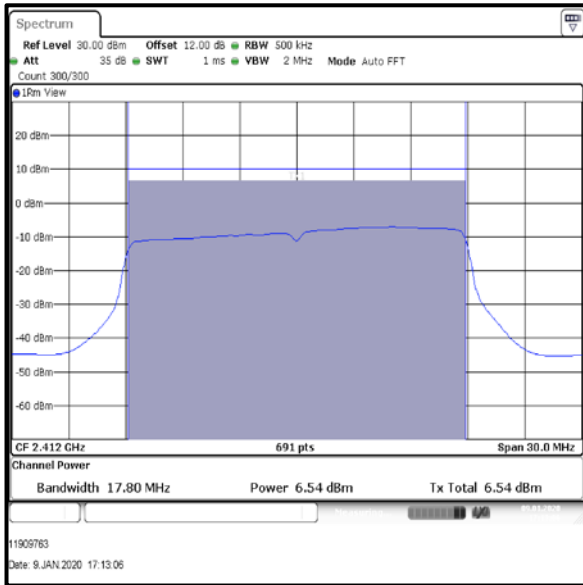
Channel	Combined Conducted Peak Power (dBm)	Directional Antenna Gain (dBi)	EIRP (dBm)	De Facto EIRP Limit (dBm)	Margin (dB)	Result
Bottom	12.9	9.0	21.9	36.0	14.1	Complied
Middle	12.3	9.0	21.3	36.0	14.7	Complied
Top	12.3	9.0	21.3	36.0	14.7	Complied

Result: Pass

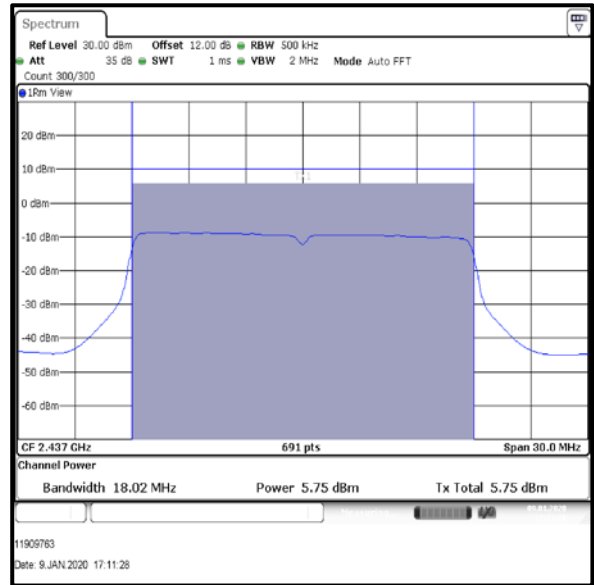


Transmitter Maximum (Average) Output Power (continued)

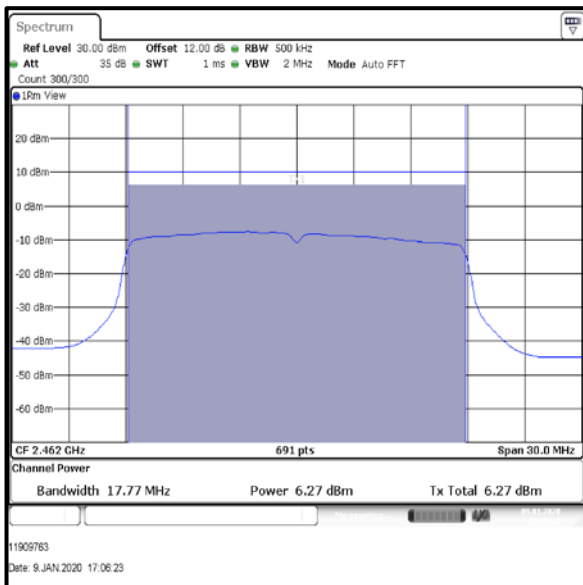
Results: 802.11n / HT20 / MCS0 / MIMO / Port 1 / PWL 12 / 9 dBi Antenna Group



Bottom Channel



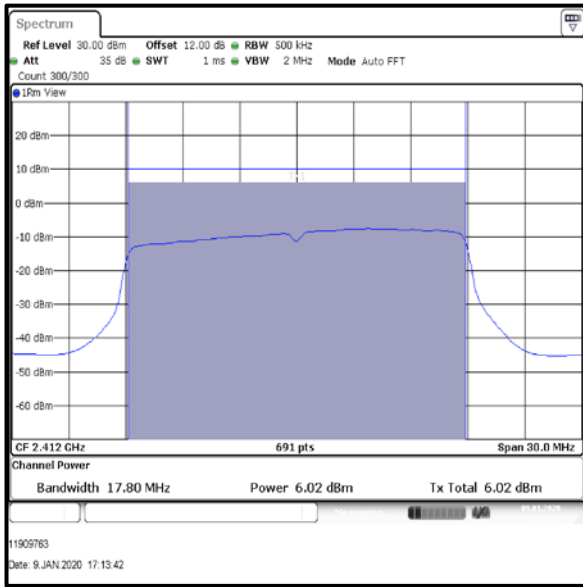
Middle Channel



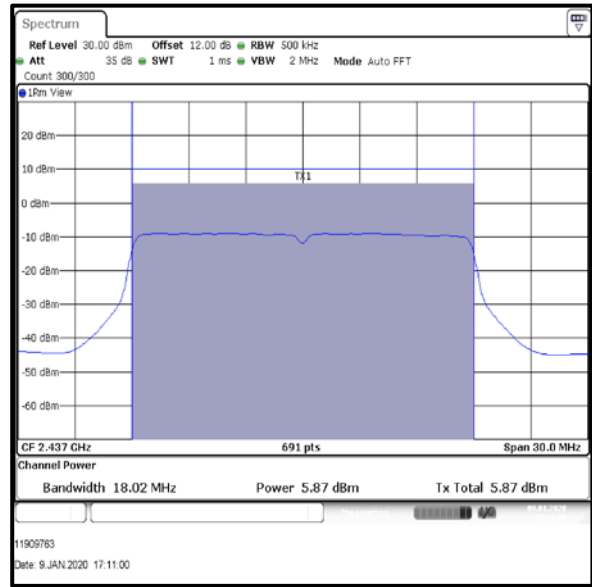
Top Channel

Transmitter Maximum (Average) Output Power (continued)

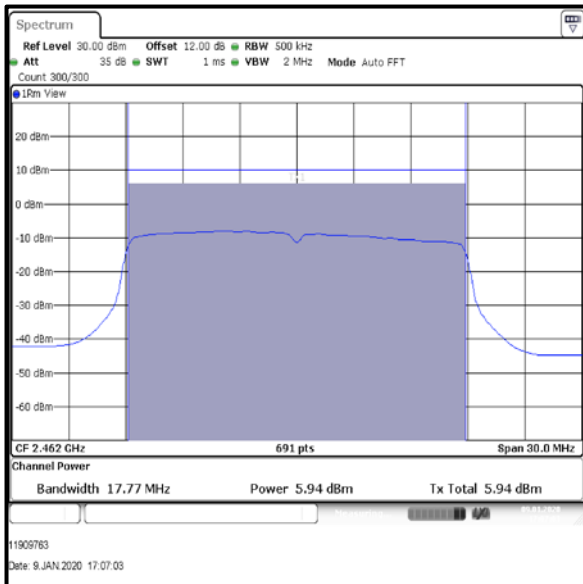
Results: 802.11n / HT20 / MCS0 / MIMO / Port 2 / PWL 12 / 9 dBi Antenna Group



Bottom Channel



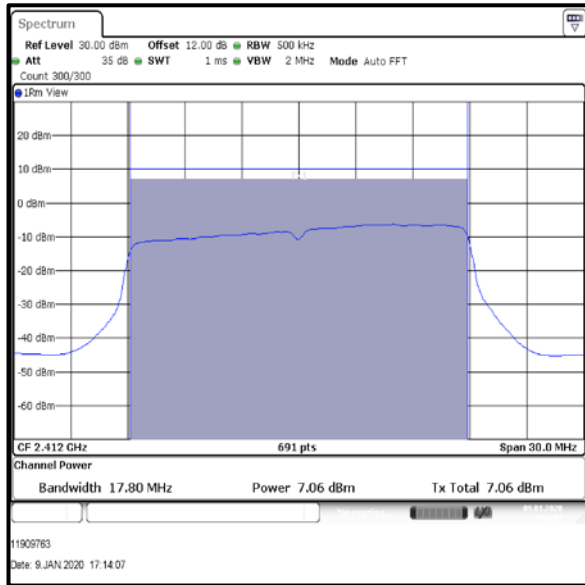
Middle Channel



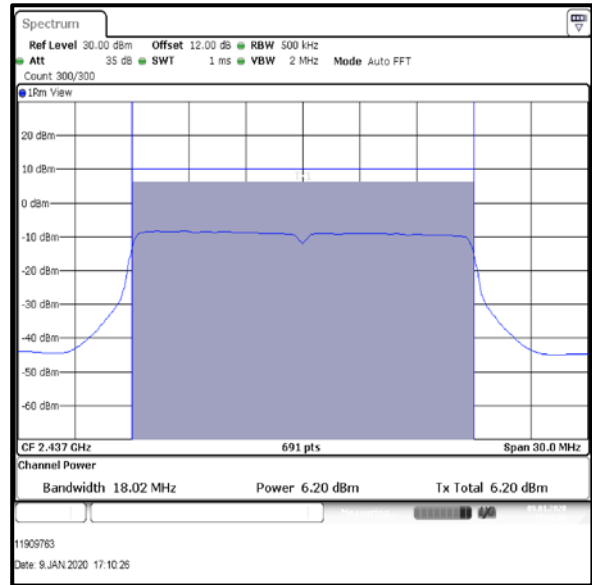
Top Channel

Transmitter Maximum (Average) Output Power (continued)

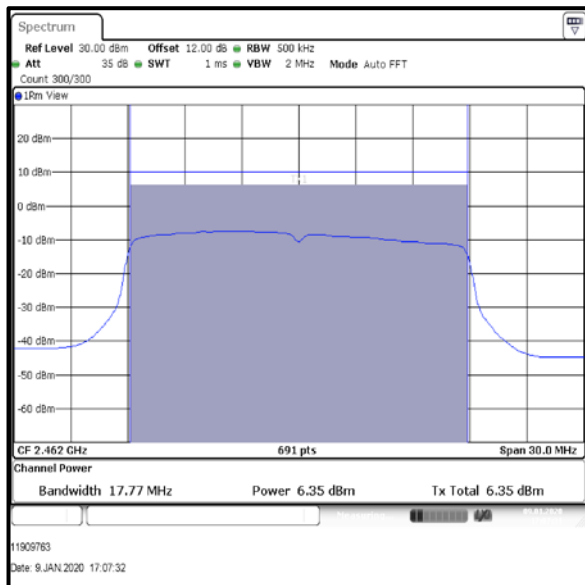
Results: 802.11n / HT20 / MCS0 / MIMO / Port 3 / PWL 12 / 9 dBi Antenna Group



Bottom Channel



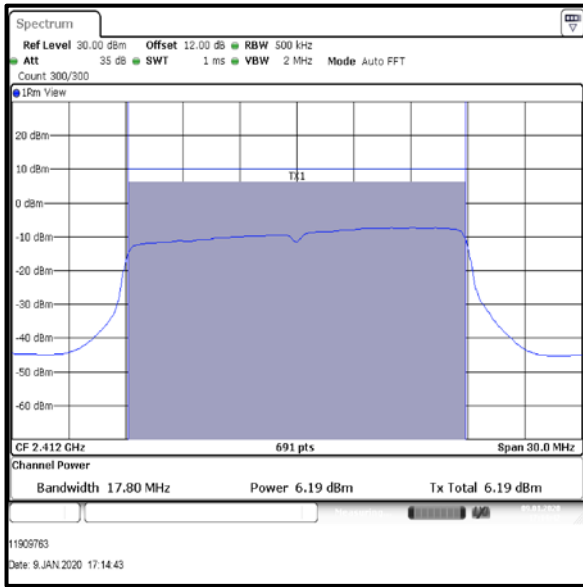
Middle Channel



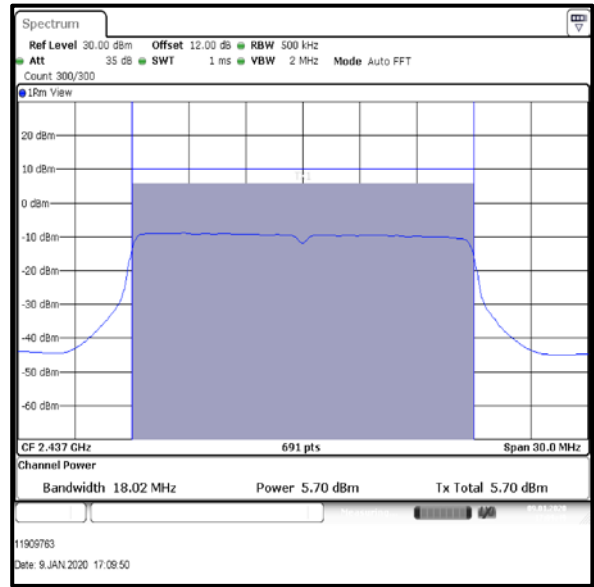
Top Channel

Transmitter Maximum (Average) Output Power (continued)

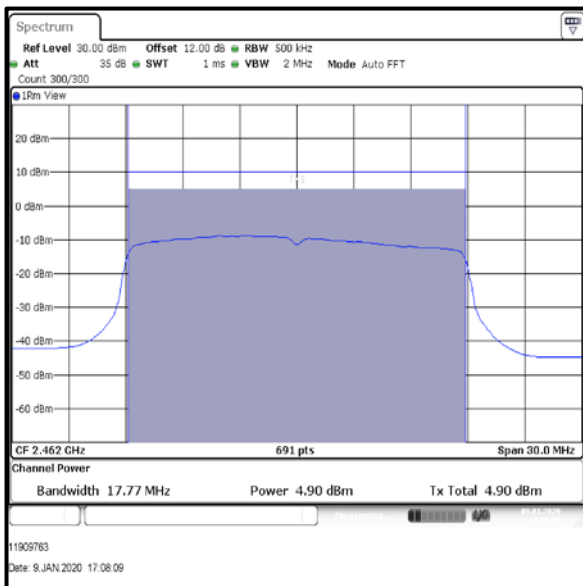
Results: 802.11n / HT20 / MCS0 / MIMO / Port 4 / PWL 12 / 9 dBi Antenna Group



Bottom Channel



Middle Channel



Top Channel

Transmitter Maximum (Average) Output Power (continued)

Results: 802.11n / HT40 / MCS0 / MIMO / Port 1+2+3+4 / PWL 12 / 9 dBi Antenna Group
Conducted Power Limit Comparison

Channel	Port 1			Port 2		
	Conducted Power (dBm)	Duty Cycle Correction (dB)	Corrected Conducted Power (dBm)	Conducted Power (dBm)	Duty Cycle Correction (dB)	Corrected Conducted Power (dBm)
Bottom	6.8	0.6	7.4	6.4	0.6	7
Middle	5.9	0.6	6.5	6.0	0.6	6.6
Top	6.0	0.6	6.6	6.1	0.6	6.7

Channel	Port 3			Port 4		
	Conducted Power (dBm)	Duty Cycle Correction (dB)	Corrected Conducted Power (dBm)	Conducted Power (dBm)	Duty Cycle Correction (dB)	Corrected Conducted Power (dBm)
Bottom	7.3	0.6	7.9	6.5	0.6	7.1
Middle	6.3	0.6	6.9	6.3	0.6	6.9
Top	6.1	0.6	6.7	5.7	0.6	6.3

Channel	Corrected Conducted Power Port 1 (dBm)	Corrected Conducted Power Port 2 (dBm)	Corrected Conducted Power Port 3 (dBm)	Corrected Conducted Power Port 4 (dBm)	Port 1+2+3+4 Combined Conducted Power (dBm)	Conducted Power Limit (dBm)	Margin (dB)	Result
Bottom	7.4	7.0	7.9	7.1	13.4	27.0	13.6	Complied
Middle	6.5	6.6	6.9	6.9	12.7	27.0	14.3	Complied
Top	6.6	6.7	6.7	6.3	12.6	27.0	14.4	Complied

De Facto EIRP Limit Comparison

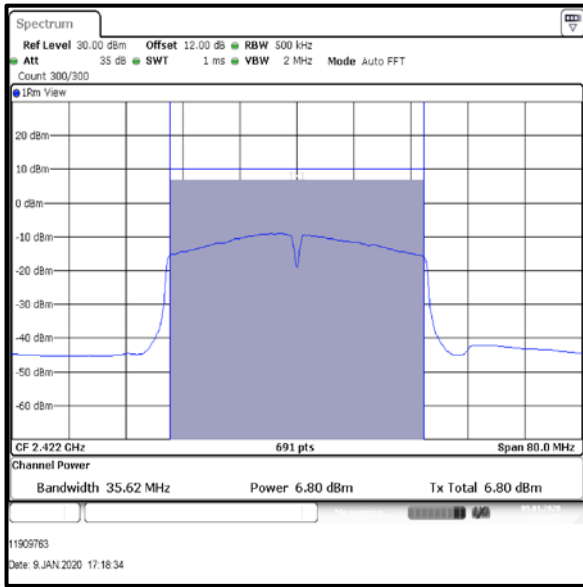
Channel	Port 1+2+3+4 Combined Conducted Power (dBm)	Directional Antenna Gain (dBi)	EIRP (dBm)	De Facto EIRP Limit (dBm)	Margin (dB)	Result
Bottom	13.4	9.0	22.4	36.0	13.6	Complied
Middle	12.7	9.0	21.7	36.0	14.3	Complied
Top	12.6	9.0	21.6	36.0	14.4	Complied

Result: Pass

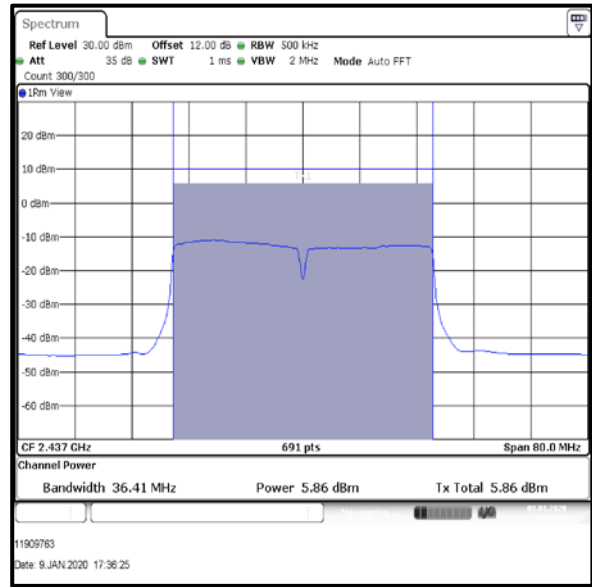


Transmitter Maximum (Average) Output Power (continued)

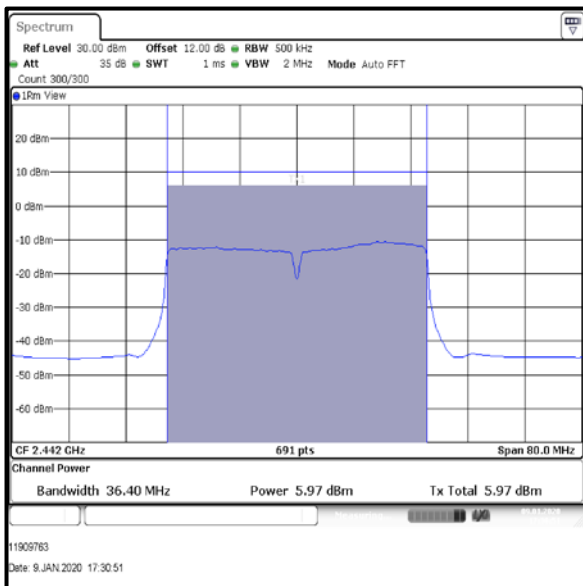
Results: 802.11n / HT40 / MCS0 / MIMO / Port 1 / PWL 12 / 9 dBi Antenna Group



Bottom Channel



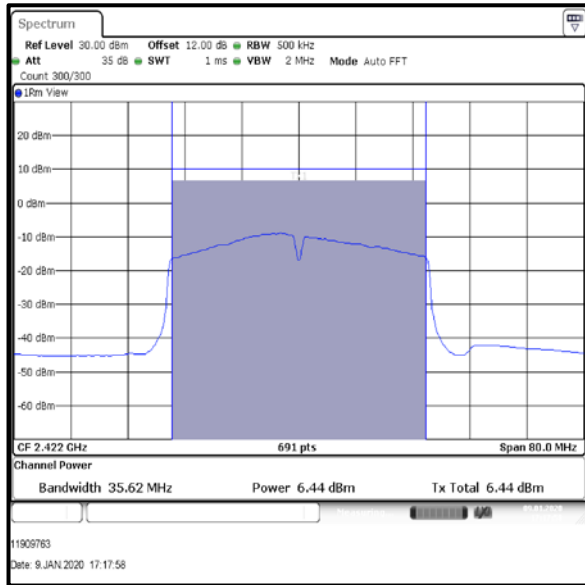
Middle Channel



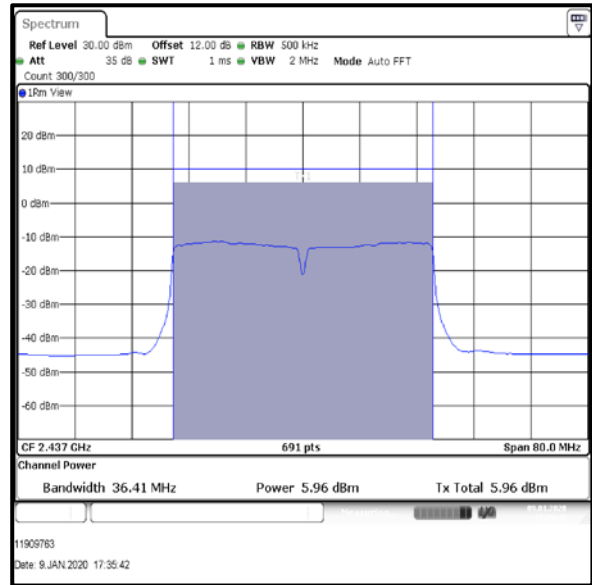
Top Channel

Transmitter Maximum (Average) Output Power (continued)

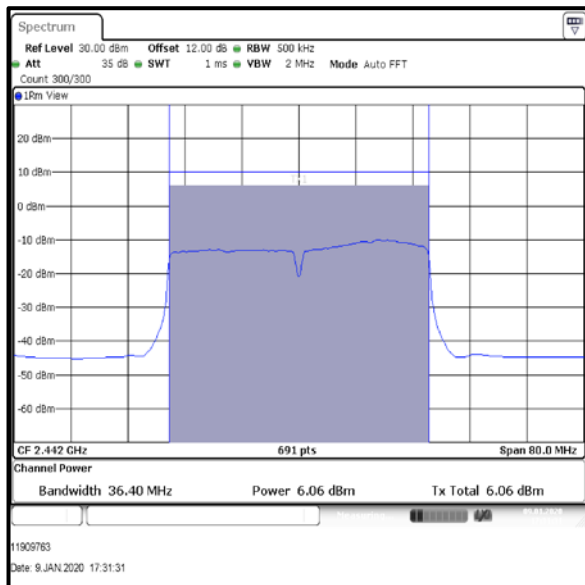
Results: 802.11n / HT40 / MCS0 / MIMO / Port 2 / PWL 12 / 9 dBi Antenna Group



Bottom Channel



Middle Channel



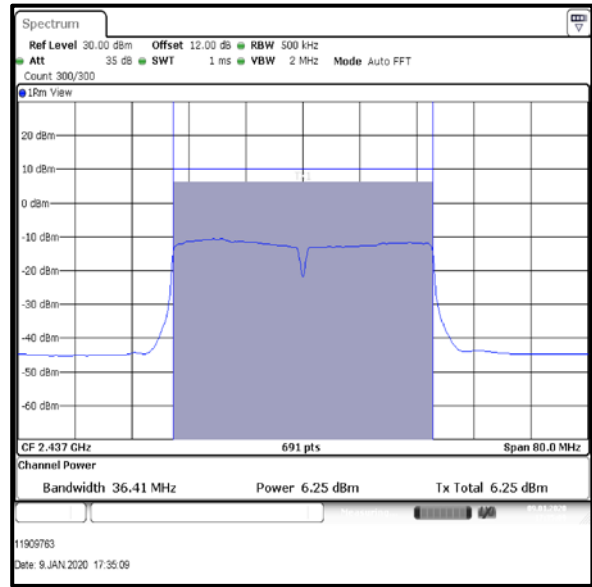
Top Channel

Transmitter Maximum (Average) Output Power (continued)

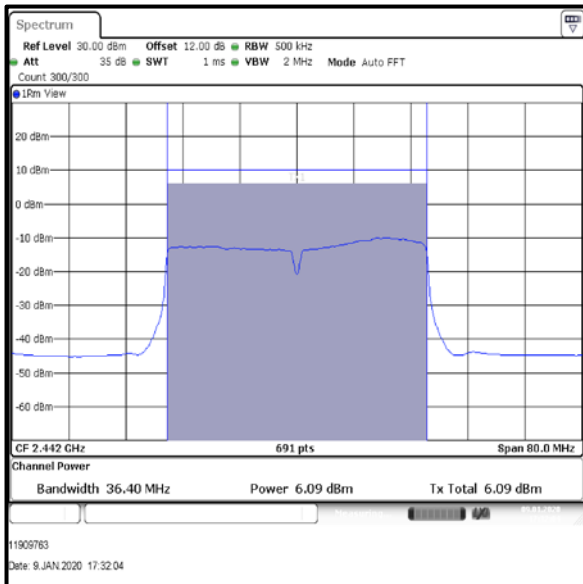
Results: 802.11n / HT40 / MCS0 / MIMO / Port 3 / PWL 12 / 9 dBi Antenna Group



Bottom Channel



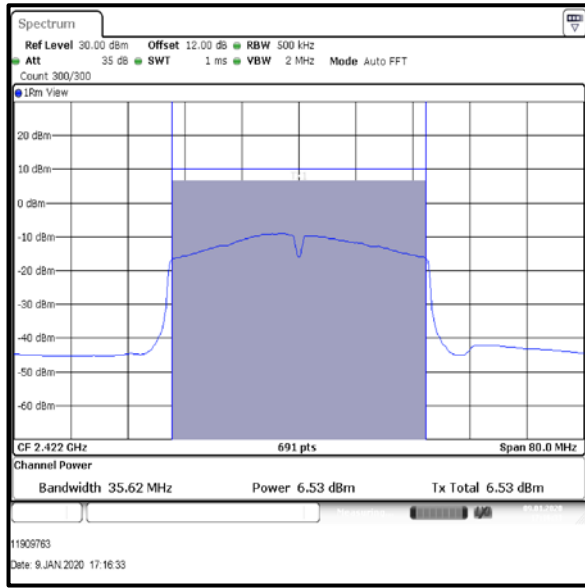
Middle Channel



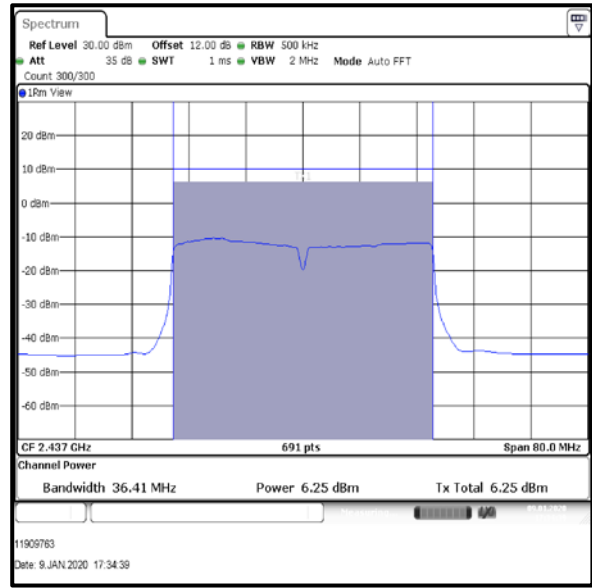
Top Channel

Transmitter Maximum (Average) Output Power (continued)

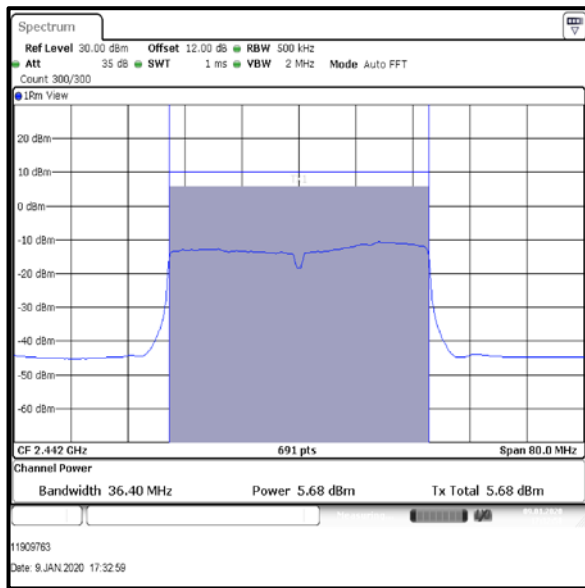
Results: 802.11n / HT40 / MCS0 / MIMO / Port 4 / PWL 12 / 9 dBi Antenna Group



Bottom Channel



Middle Channel



Top Channel

Transmitter Maximum (Average) Output Power (continued)**Results: 802.11b / 20 MHz / 5.5 Mbps / SISO / Port 1 / PWL 11/ 14 dBi Antenna Group****Conducted Power Limit Comparison**

Channel	Conducted Power (dBm)	Conducted Power Limit (dBm)	Margin (dB)	Result
Bottom	10.1	22.0	11.9	Complied
Middle	9.7	22.0	12.3	Complied
Top	9.3	22.0	12.7	Complied

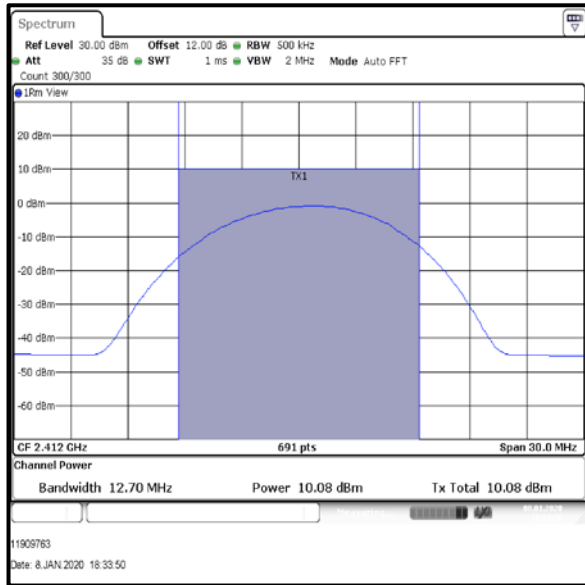
De Facto EIRP Limit Comparison

Channel	Conducted Power (dBm)	Declared Antenna Gain (dBi)	EIRP (dBm)	De Facto EIRP Limit (dBm)	Margin (dB)	Result
Bottom	10.1	14.0	24.1	36.0	11.9	Complied
Middle	9.7	14.0	23.7	36.0	12.3	Complied
Top	9.3	14.0	23.3	36.0	12.7	Complied

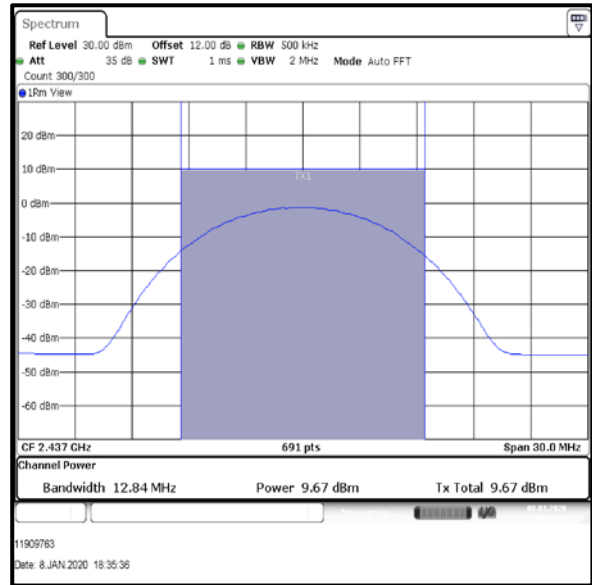
Result: Pass

Transmitter Maximum (Average) Output Power (continued)

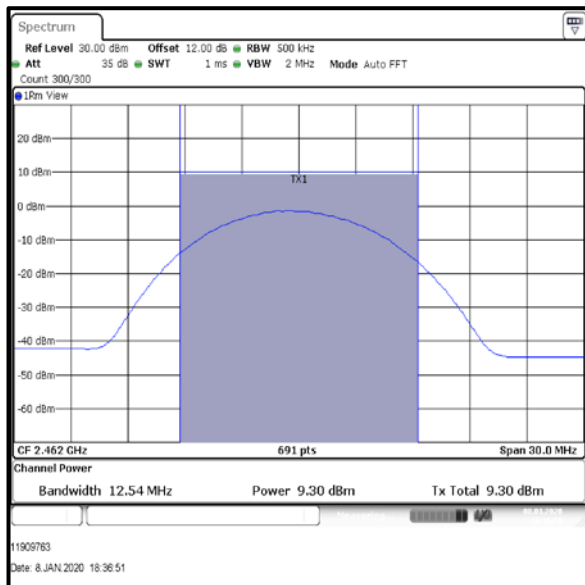
Results: 802.11b / 20 MHz / 5.5 Mbps / SISO / Port 1 / PWL 11/ 14 dBi Antenna Group



Bottom Channel



Middle Channel



Top Channel

Transmitter Maximum (Average) Output Power (continued)**Results: 802.11g / 20 MHz / 6 Mbps / SISO / Port 1 / PWL 11/ 14 dBi Antenna Group****Conducted Power Limit Comparison**

Channel	Conducted Power (dBm)	Duty Cycle Correction (dB)	Corrected Conducted Power (dBm)	Conducted Power Limit (dBm)	Margin (dB)	Result
Bottom	10.9	0.2	11.1	22.0	10.9	Complied
Middle	10.1	0.2	10.3	22.0	11.7	Complied
Top	10.1	0.2	10.3	22.0	11.7	Complied

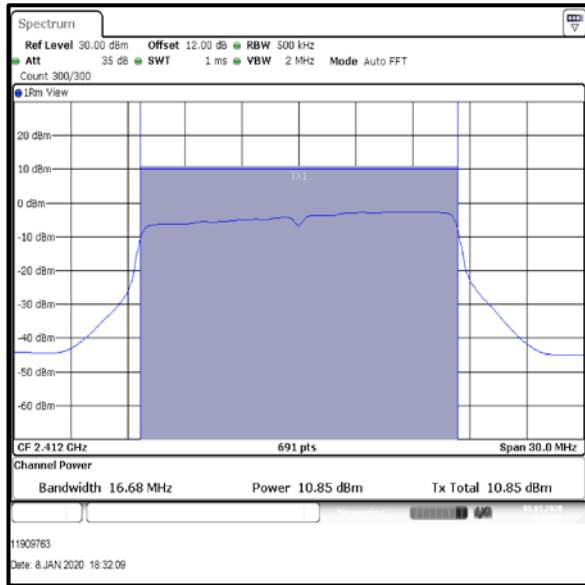
De Facto EIRP Limit Comparison

Channel	Corrected Conducted Power (dBm)	Declared Antenna Gain (dBi)	EIRP (dBm)	De Facto EIRP Limit (dBm)	Margin (dB)	Result
Bottom	11.1	14.0	25.1	36.0	10.9	Complied
Middle	10.3	14.0	24.3	36.0	11.7	Complied
Top	10.3	14.0	24.3	36.0	11.7	Complied

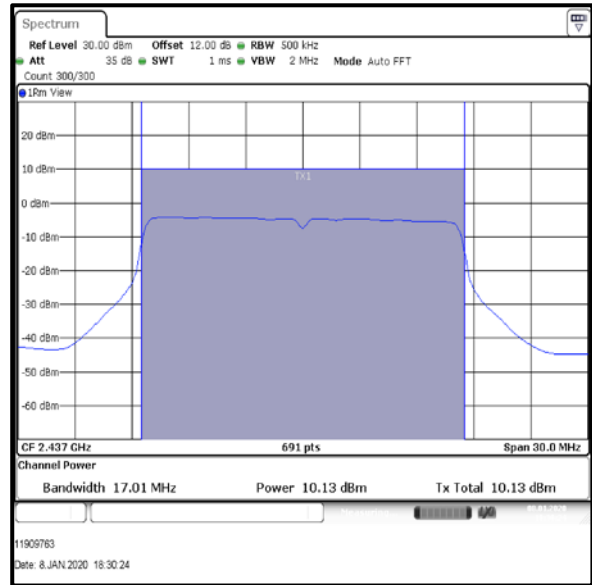
Result: Pass

Transmitter Maximum (Average) Output Power (continued)

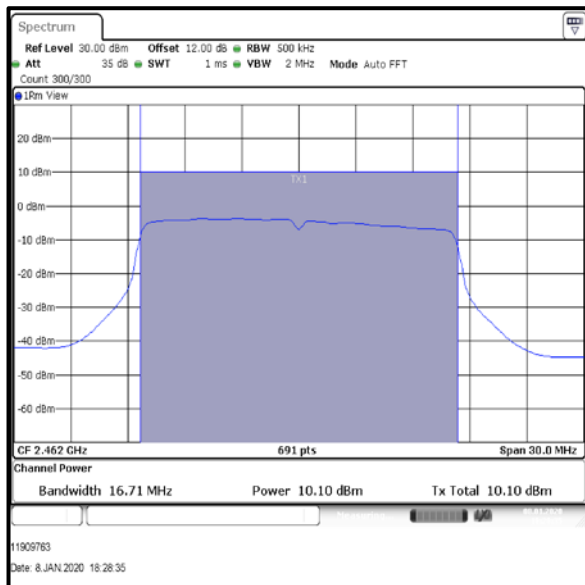
Results: 802.11g / 20 MHz / 6 Mbps / SISO / Port 1 / PWL 11/ 14 dBi Antenna Group



Bottom Channel



Middle Channel



Top Channel

Transmitter Maximum (Average) Output Power (continued)**Results: 802.11n / HT20 / MCS0 / SISO / Port 1 / PWL 11/ 14 dBi Antenna Group****Conducted Power Limit Comparison**

Channel	Conducted Power (dBm)	Duty Cycle Correction (dB)	Corrected Conducted Power (dBm)	Conducted Power Limit (dBm)	Margin (dB)	Result
Bottom	10.6	0.4	11	22.0	11	Complied
Middle	9.8	0.4	10.2	22.0	11.8	Complied
Top	9.9	0.4	10.3	22.0	11.7	Complied

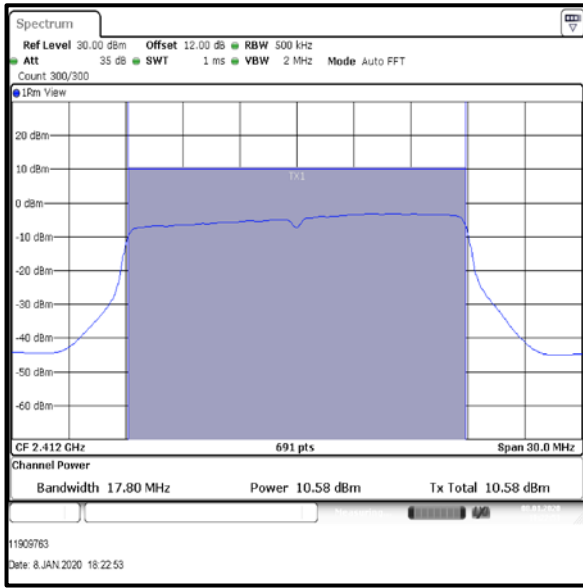
De Facto EIRP Limit Comparison

Channel	Corrected Conducted Power (dBm)	Declared Antenna Gain (dBi)	EIRP (dBm)	De Facto EIRP Limit (dBm)	Margin (dB)	Result
Bottom	11.0	14.0	25	36.0	11	Complied
Middle	10.2	14.0	24.2	36.0	11.8	Complied
Top	10.3	14.0	24.3	36.0	11.7	Complied

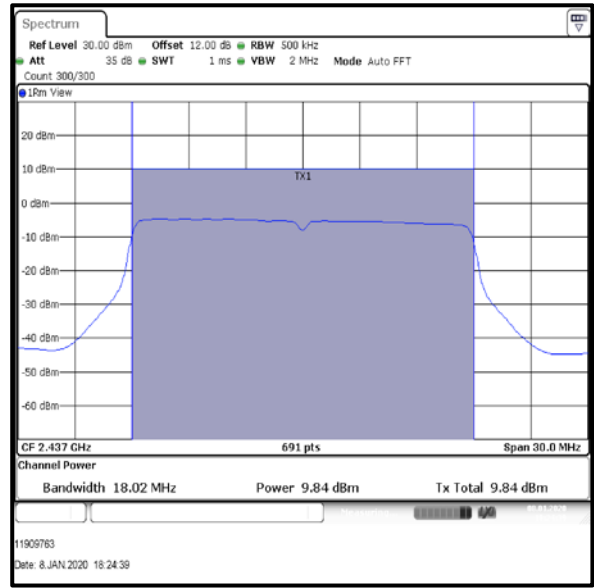
Result: Pass

Transmitter Maximum (Average) Output Power (continued)

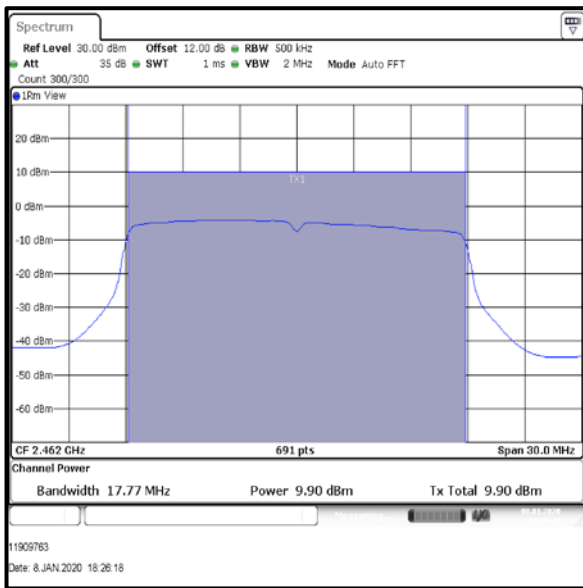
Results: 802.11n / HT20 / MCS0 / SISO / Port 1 / PWL 11/ 14 dBi Antenna Group



Bottom Channel



Middle Channel



Top Channel

Transmitter Maximum (Average) Output Power (continued)**Results: 802.11n / HT40 / MCS0 / SISO / Port 1 / PWL 11/ 14 dBi Antenna Group****Conducted Power Limit Comparison**

Channel	Conducted Power (dBm)	Duty Cycle Correction (dB)	Corrected Conducted Power (dBm)	Conducted Power Limit (dBm)	Margin (dB)	Result
Bottom	10.9	0.6	11.5	22.0	10.5	Complied
Middle	10.1	0.6	10.7	22.0	11.3	Complied
Top	9.8	0.6	10.4	22.0	11.6	Complied

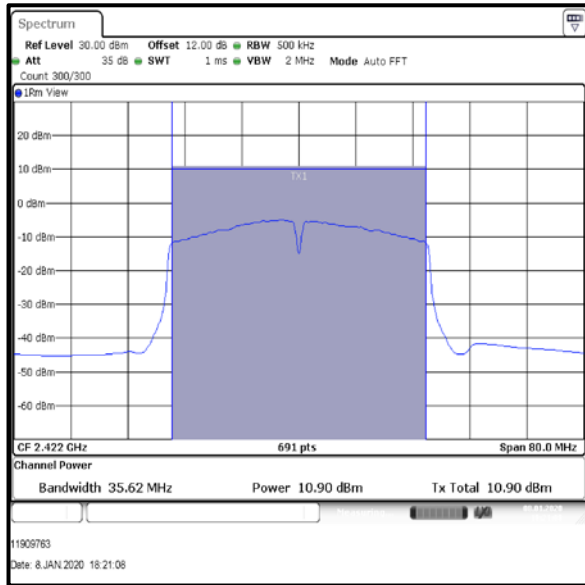
De Facto EIRP Limit Comparison

Channel	Corrected Conducted Power (dBm)	Declared Antenna Gain (dBi)	EIRP (dBm)	De Facto EIRP Limit (dBm)	Margin (dB)	Result
Bottom	11.5	14.0	25.5	36.0	10.5	Complied
Middle	10.7	14.0	24.7	36.0	11.3	Complied
Top	10.4	14.0	24.4	36.0	11.6	Complied

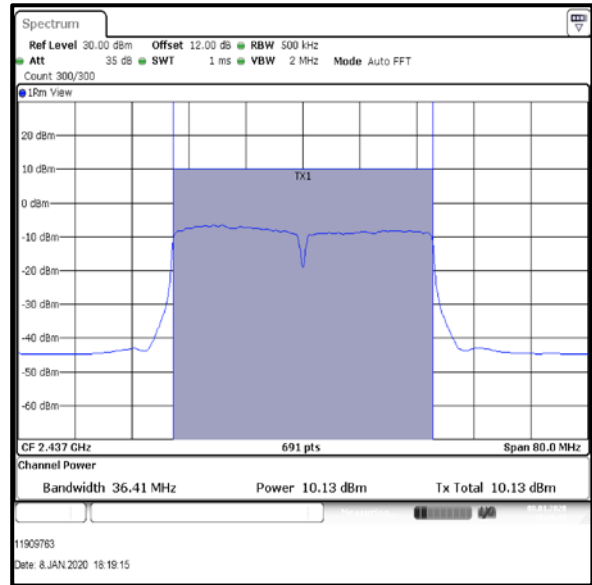
Result: Pass

Transmitter Maximum (Average) Output Power (continued)

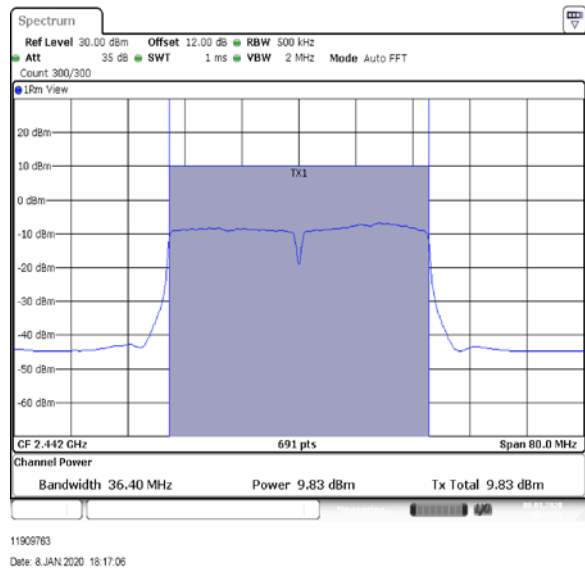
Results: 802.11n / HT40 / MCS0 / SISO / Port 1 / PWL 11/ 14 dBi Antenna Group



Bottom Channel



Middle Channel



Top Channel

Transmitter Maximum (Average) Output Power (continued)**Results: 802.11b / 20 MHz / 5.5 Mbps / MIMO / Port 1+2 / PWL 10/ 14 dBi Antenna Group****Conducted Power Limit Comparison**

Channel	Conducted Power Port 1 (dBm)	Conducted Power Port 2 (dBm)	Port 1+2 Combined Conducted Power (dBm)	Conducted Power Limit (dBm)	Margin (dB)	Result
Bottom	7.4	5.6	9.6	22.0	12.4	Complied
Middle	7.1	5.1	9.3	22.0	12.7	Complied
Top	8.0	6.9	10.5	22.0	11.5	Complied

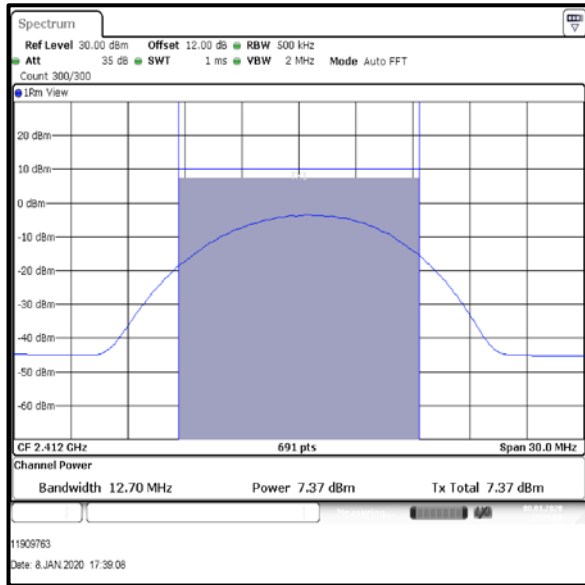
De Facto EIRP Limit Comparison

Channel	Port 1+2 Combined Conducted Power (dBm)	Directional Antenna Gain (dBi)	EIRP (dBm)	De Facto EIRP Limit (dBm)	Margin (dB)	Result
Bottom	9.6	14.0	23.6	36.0	12.4	Complied
Middle	9.3	14.0	23.3	36.0	12.7	Complied
Top	10.5	14.0	24.5	36.0	11.5	Complied

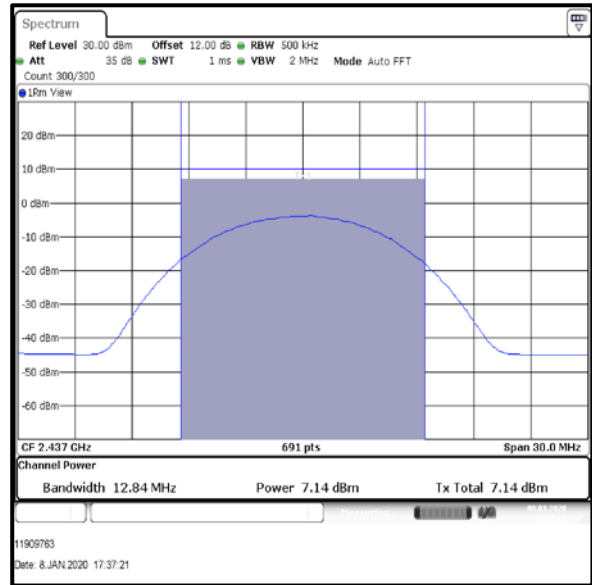
Result: Pass

Transmitter Maximum (Average) Output Power (continued)

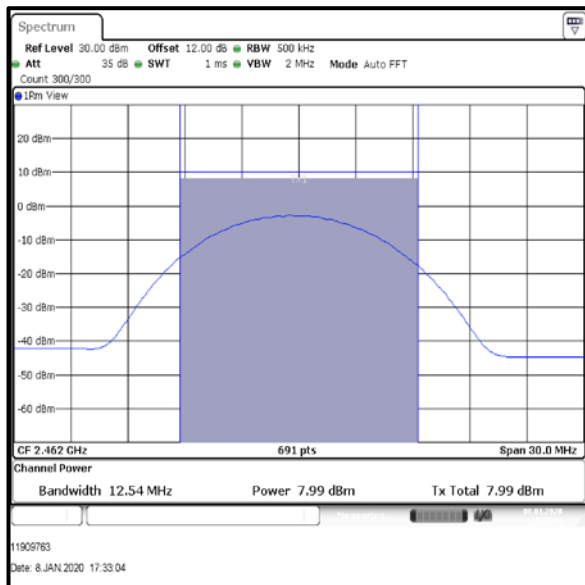
Results: 802.11b / 20 MHz / 5.5 Mbps / MIMO / Port 1 / PWL 10/ 14 dBi Antenna Group



Bottom Channel



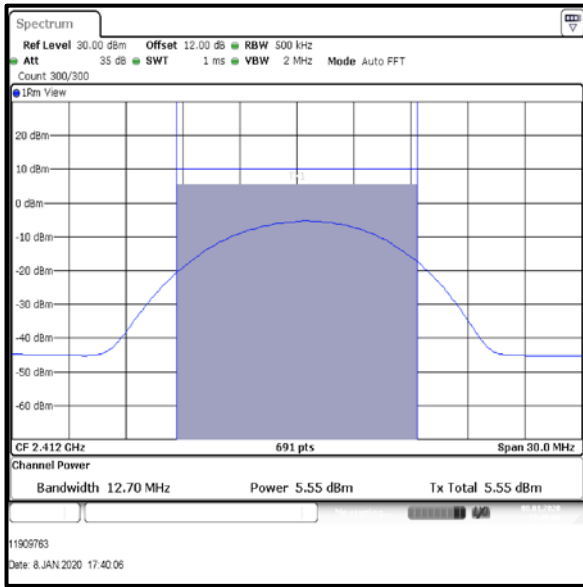
Middle Channel



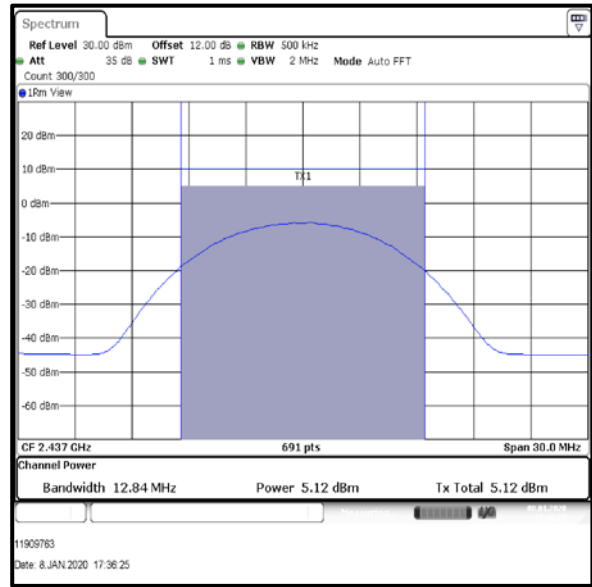
Top Channel

Transmitter Maximum (Average) Output Power (continued)

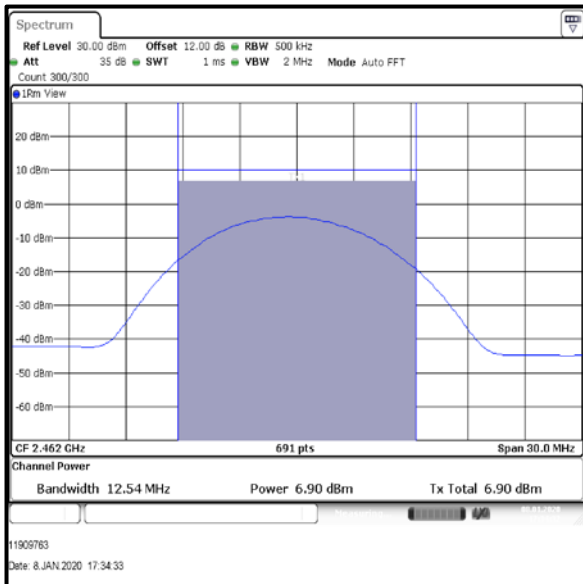
Results: 802.11b / 20 MHz / 5.5 Mbps / MIMO / Port 2 / PWL 10/ 14 dBi Antenna Group



Bottom Channel



Middle Channel



Top Channel

Transmitter Maximum (Average) Output Power (continued)**Results: 802.11g / 20 MHz / 6 Mbps / MIMO / Port 1+2 / PWL 10 / 14 dBi Antenna Group****Conducted Power Limit Comparison**

Channel	Port 1			Port 2		
	Conducted Power (dBm)	Duty Cycle Correction (dB)	Corrected Conducted Power (dBm)	Conducted Power (dBm)	Duty Cycle Correction (dB)	Corrected Conducted Power (dBm)
Bottom	7.7	0.2	7.9	6.8	0.2	7
Middle	7.6	0.2	7.8	6.0	0.2	6.2
Top	8.1	0.2	8.3	7.0	0.2	7.2

Channel	Corrected Conducted Power Port 1 (dBm)	Corrected Conducted Power Port 2 (dBm)	Port 1+2 Combined Conducted Power (dBm)	Conducted Power Limit (dBm)	Margin (dB)	Result
Bottom	7.9	7.0	10.5	22.0	11.5	Complied
Middle	7.8	6.2	10.1	22.0	11.9	Complied
Top	8.3	7.2	10.8	22.0	11.2	Complied

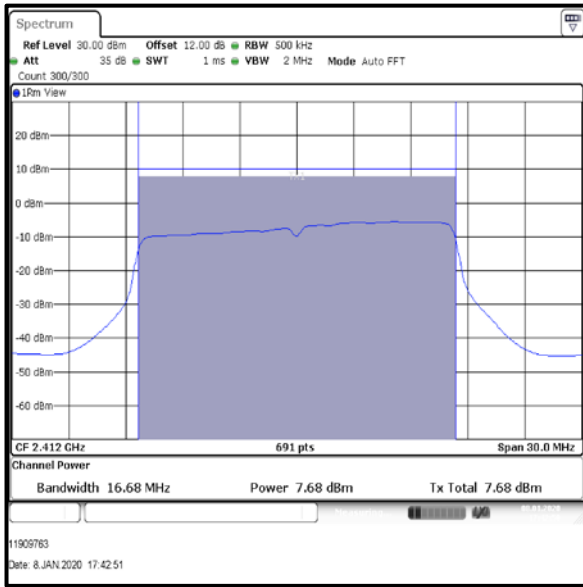
De Facto EIRP Limit Comparison

Channel	Port 1+2 Combined Conducted Power (dBm)	Directional Antenna Gain (dBi)	EIRP (dBm)	De Facto EIRP Limit (dBm)	Margin (dB)	Result
Bottom	10.5	14.0	24.5	36.0	11.5	Complied
Middle	10.1	14.0	24.1	36.0	11.9	Complied
Top	10.8	14.0	24.8	36.0	11.2	Complied

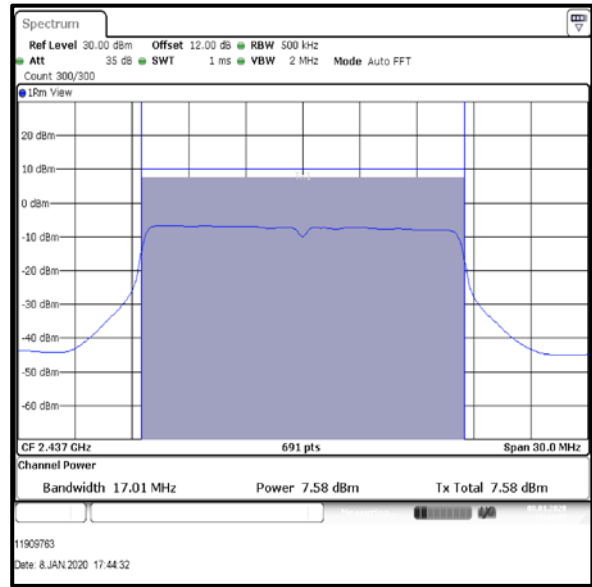
Result: Pass

Transmitter Maximum (Average) Output Power (continued)

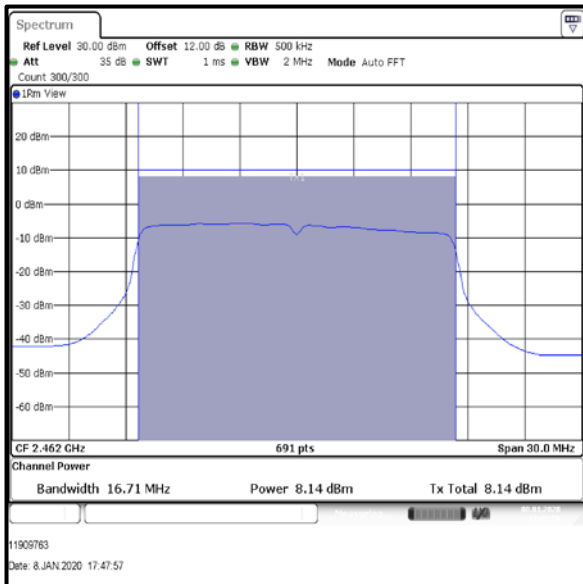
Results: 802.11g / 20 MHz / 6 Mbps / MIMO / Port 1 / PWL 10 / 14 dBi Antenna Group



Bottom Channel



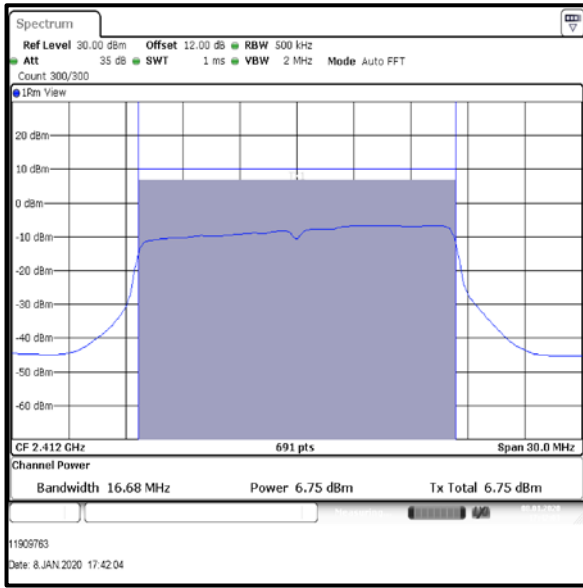
Middle Channel



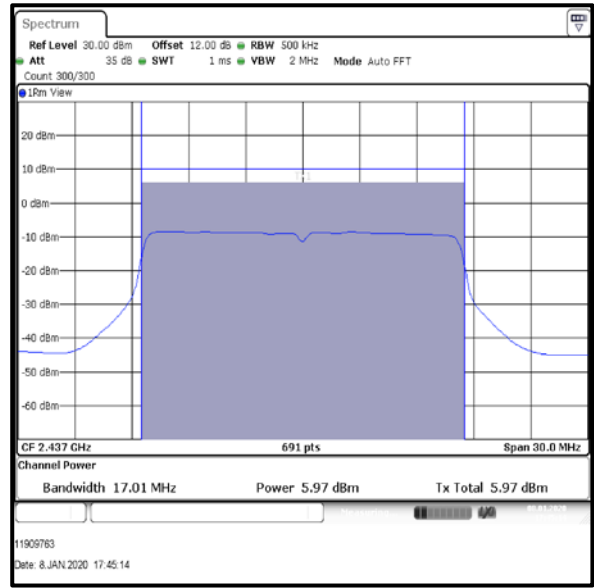
Top Channel

Transmitter Maximum (Average) Output Power (continued)

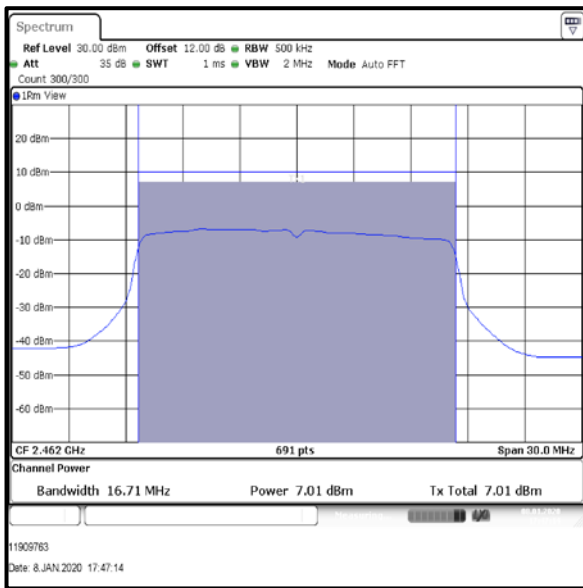
Results: 802.11g / 20 MHz / 6 Mbps / MIMO / Port 2 / PWL 10 / 14 dBi Antenna Group



Bottom Channel



Middle Channel



Top Channel

Transmitter Maximum (Average) Output Power (continued)

Results: 802.11n / HT20 / MCS0 / MIMO / Port 1+2 / PWL 10 / 14 dBi Antenna Group

Conducted Power Limit Comparison

Channel	Port 1			Port 2		
	Conducted Power (dBm)	Duty Cycle Correction (dB)	Corrected Conducted Power (dBm)	Conducted Power (dBm)	Duty Cycle Correction (dB)	Corrected Conducted Power (dBm)
Bottom	7.5	0.4	7.9	6.5	0.4	6.9
Middle	7.4	0.4	7.8	5.8	0.4	6.2
Top	7.8	0.4	8.2	6.8	0.4	7.2

Channel	Corrected Conducted Power Port 1 (dBm)	Corrected Conducted Power Port 2 (dBm)	Port 1+2 Combined Conducted Power (dBm)	Conducted Power Limit (dBm)	Margin (dB)	Result
Bottom	7.9	6.9	10.4	22.0	11.6	Complied
Middle	7.8	6.2	10.1	22.0	11.9	Complied
Top	8.2	7.2	10.7	22.0	11.3	Complied

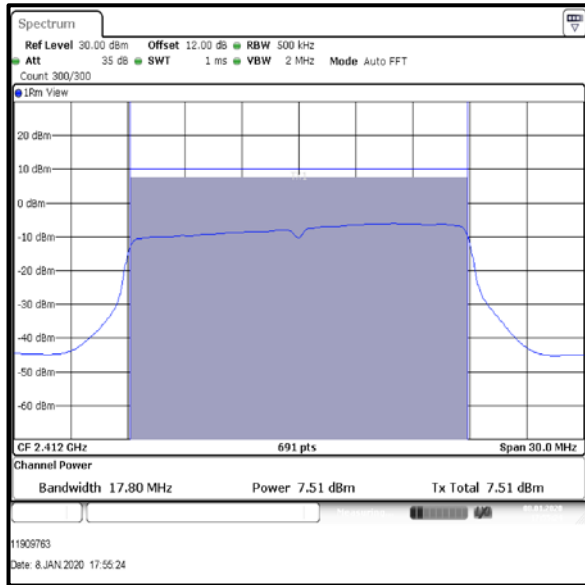
De Facto EIRP Limit Comparison

Channel	Port 1+2 Combined Conducted Power (dBm)	Directional Antenna Gain (dBi)	EIRP (dBm)	De Facto EIRP Limit (dBm)	Margin (dB)	Result
Bottom	10.4	14.0	24.4	36.0	11.6	Complied
Middle	10.1	14.0	24.1	36.0	11.9	Complied
Top	10.7	14.0	24.7	36.0	11.3	Complied

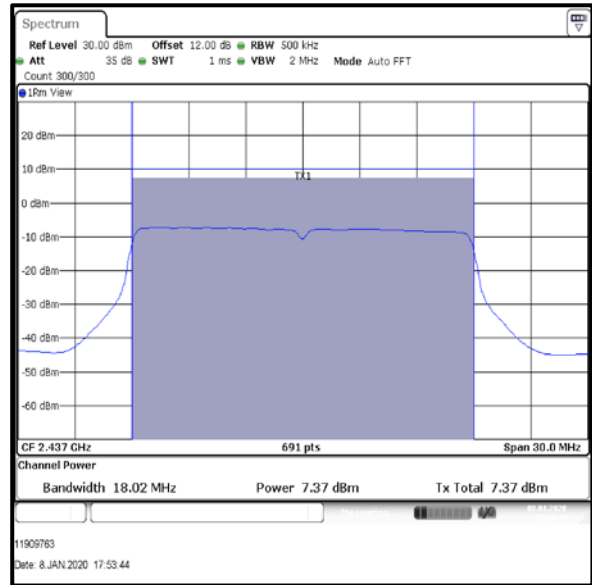
Result: Pass

Transmitter Maximum (Average) Output Power (continued)

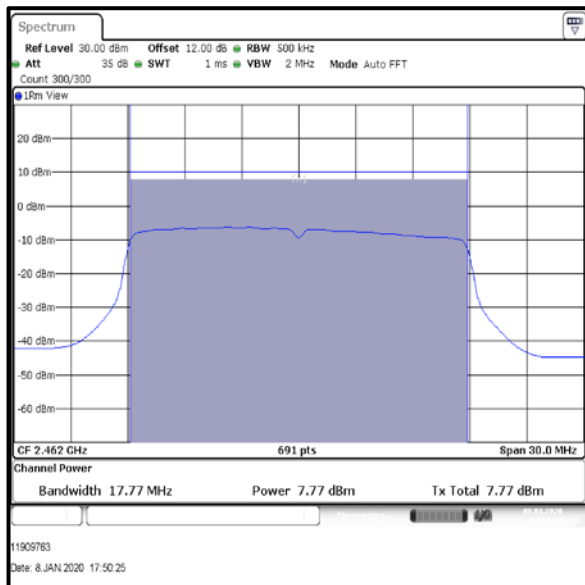
Results: 802.11n / HT20 / MCS0 / MIMO / Port 1 / PWL 10 / 14 dBi Antenna Group



Bottom Channel



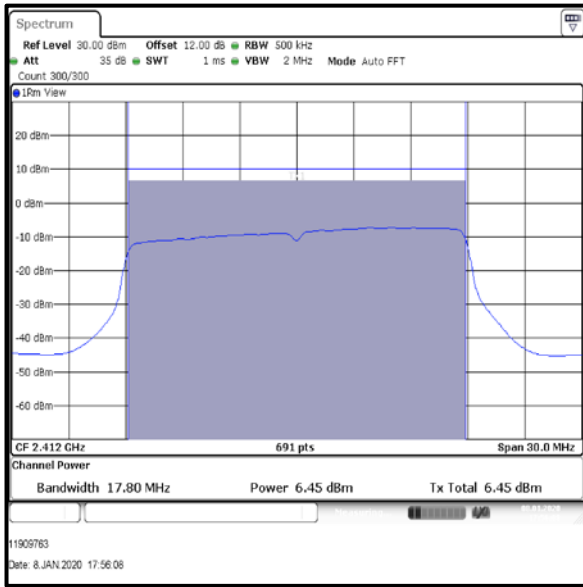
Middle Channel



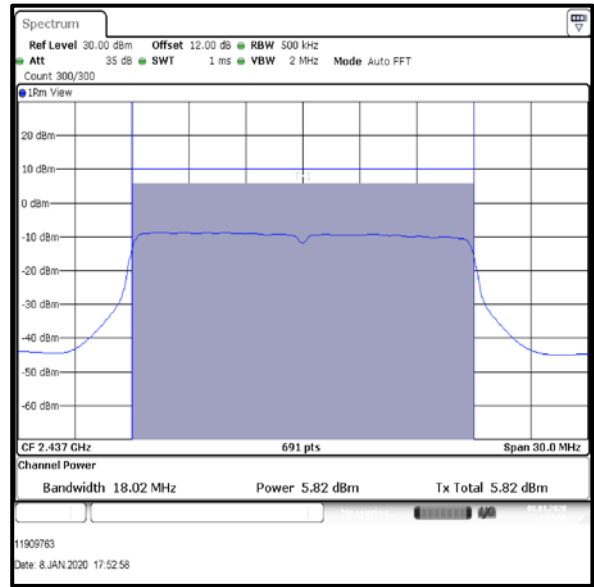
Top Channel

Transmitter Maximum (Average) Output Power (continued)

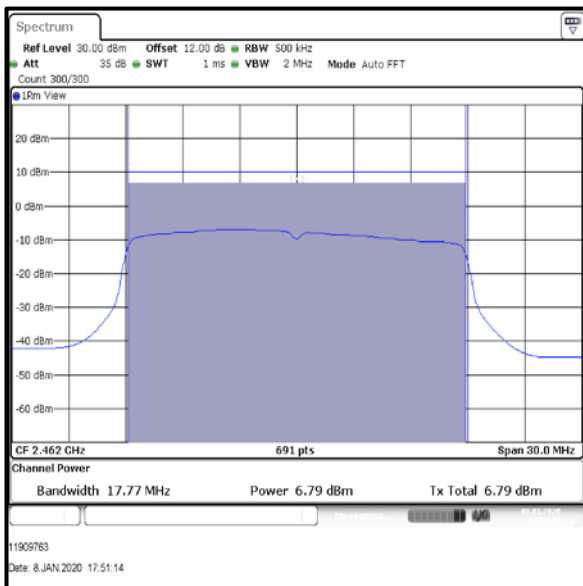
Results: 802.11n / HT20 / MCS0 / MIMO / Port 2 / PWL 10 / 14 dBi Antenna Group



Bottom Channel



Middle Channel



Top Channel

Transmitter Maximum (Average) Output Power (continued)**Results: 802.11n / HT40 / MCS0 / MIMO / Port 1+2 / PWL 10 / 14 dBi Antenna Group****Conducted Power Limit Comparison**

Channel	Port 1			Port 2		
	Conducted Power (dBm)	Duty Cycle Correction (dB)	Corrected Conducted Power (dBm)	Conducted Power (dBm)	Duty Cycle Correction (dB)	Corrected Conducted Power (dBm)
Bottom	7.4	0.6	8	7.3	0.6	7.9
Middle	6.9	0.6	7.5	6.5	0.6	7.1
Top	6.5	0.6	7.1	6.3	0.6	6.9

Channel	Corrected Conducted Power Port 1 (dBm)	Corrected Conducted Power Port 2 (dBm)	Port 1+2 Combined Conducted Power (dBm)	Conducted Power Limit (dBm)	Margin (dB)	Result
Bottom	8.0	7.9	10.9	22.0	11.1	Complied
Middle	7.5	7.1	10.3	22.0	11.7	Complied
Top	7.1	6.9	10.0	22.0	12	Complied

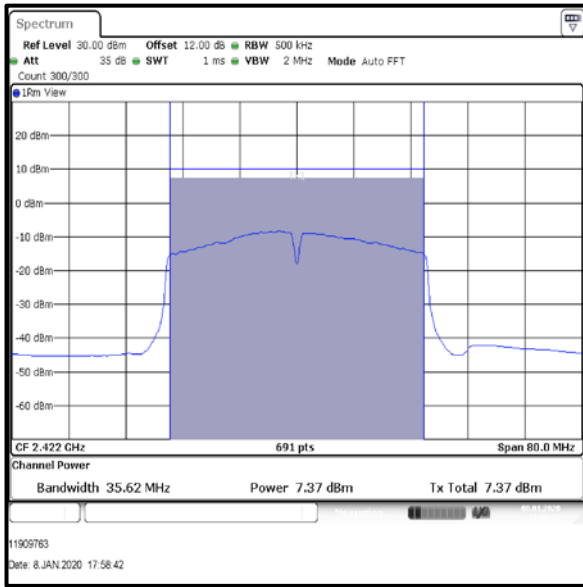
De Facto EIRP Limit Comparison

Channel	Port 1+2 Combined Conducted Power (dBm)	Directional Antenna Gain (dBi)	EIRP (dBm)	De Facto EIRP Limit (dBm)	Margin (dB)	Result
Bottom	10.9	14.0	24.9	36.0	11.1	Complied
Middle	10.3	14.0	24.3	36.0	11.7	Complied
Top	10.0	14.0	24	36.0	12	Complied

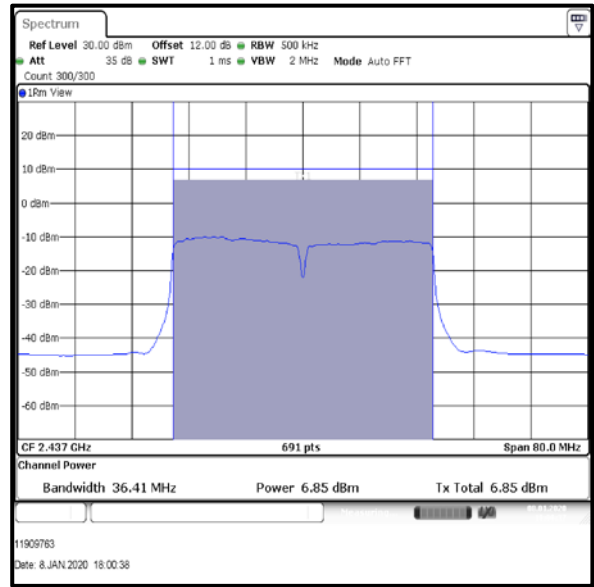
Result: Pass

Transmitter Maximum (Average) Output Power (continued)

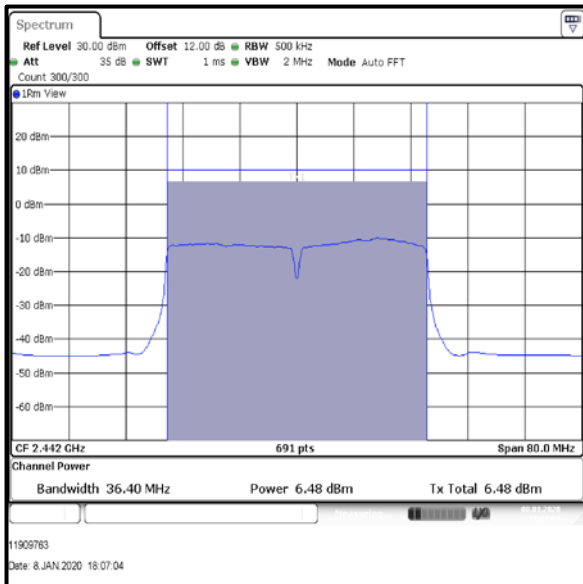
Results: 802.11n / HT40 / MCS0 / MIMO / Port 1 / PWL 10 / 14 dBi Antenna Group



Bottom Channel



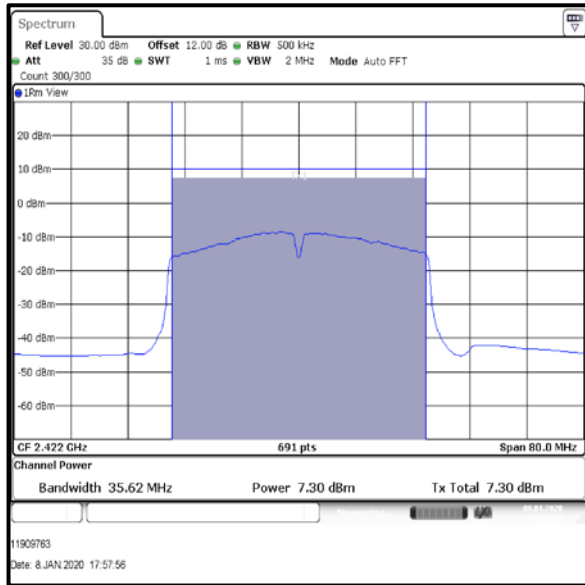
Middle Channel



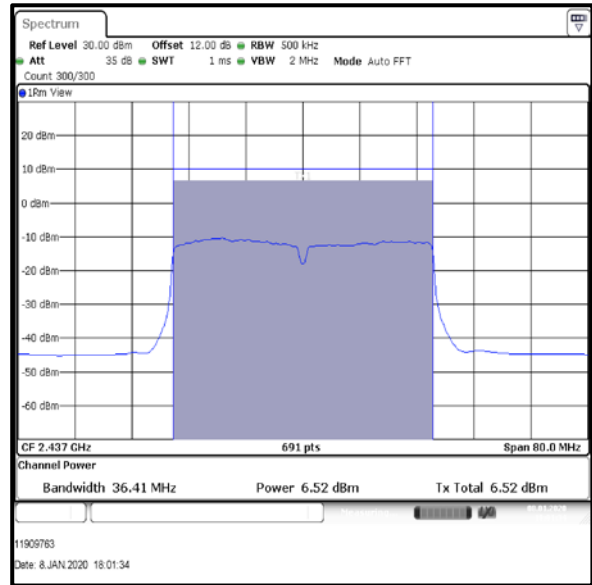
Top Channel

Transmitter Maximum (Average) Output Power (continued)

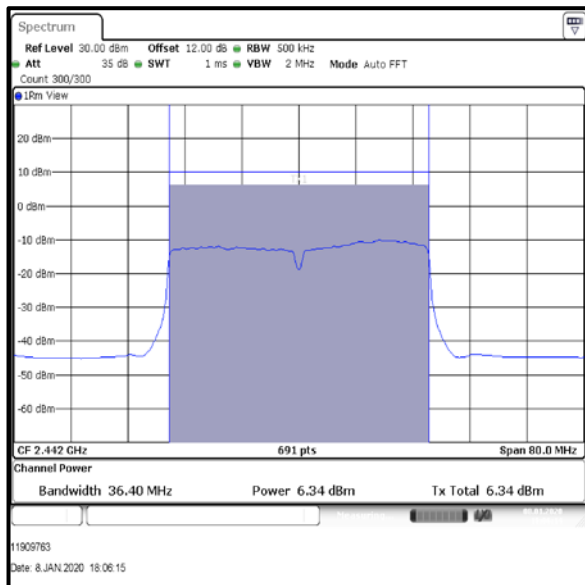
Results: 802.11n / HT40 / MCS0 / MIMO / Port 2 / PWL 10 / 14 dBi Antenna Group



Bottom Channel



Middle Channel



Top Channel

Transmitter Maximum (Average) Output Power (continued)**Results: 802.11b / 20 MHz / 5.5 Mbps / MIMO / Port 1+2+3 / PWL 8 / 14 dBi Antenna Group****Conducted Power Limit Comparison**

Channel	Conducted Power Port 1 (dBm)	Conducted Power Port 2 (dBm)	Conducted Power Port 3 (dBm)	Port 1+2+3 Combined Conducted Power (dBm)	Conducted Power Limit (dBm)	Margin (dB)	Result
Bottom	2.1	1.9	1.7	6.7	22.0	15.3	Complied
Middle	1.2	1.7	1.1	6.1	22.0	15.9	Complied
Top	1.6	1.5	1.3	6.2	22.0	15.8	Complied

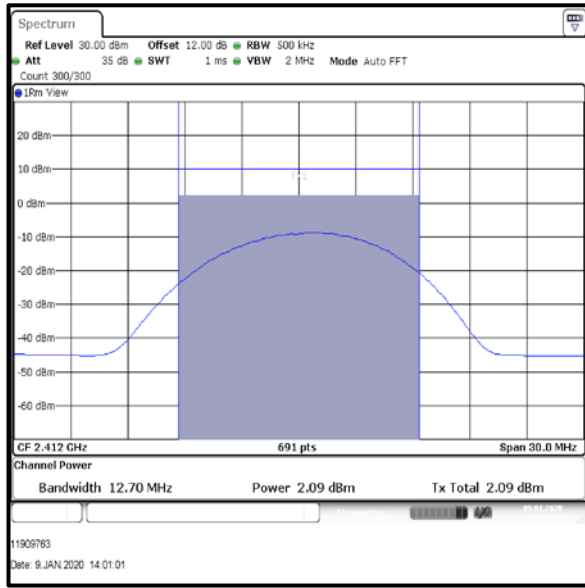
De Facto EIRP Limit Comparison

Channel	Port 1+2+3 Combined Conducted Power (dBm)	Directional Antenna Gain (dBi)	EIRP (dBm)	De Facto EIRP Limit (dBm)	Margin (dB)	Result
Bottom	6.7	14.0	20.7	36.0	15.3	Complied
Middle	6.1	14.0	20.1	36.0	15.9	Complied
Top	6.2	14.0	20.2	36.0	15.8	Complied

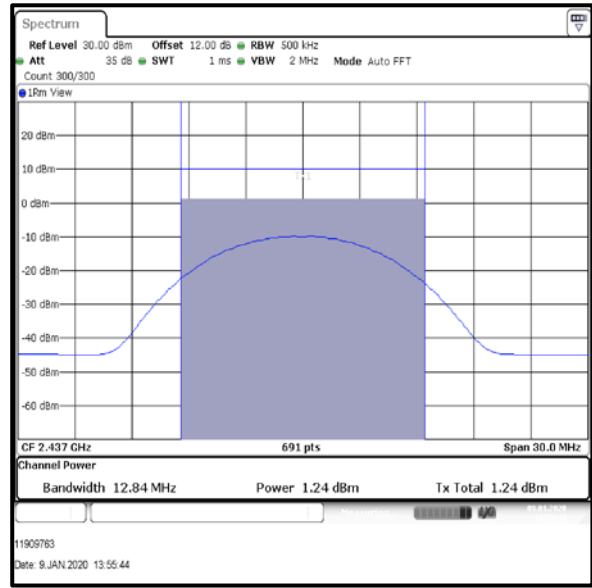
Result: Pass

Transmitter Maximum (Average) Output Power (continued)

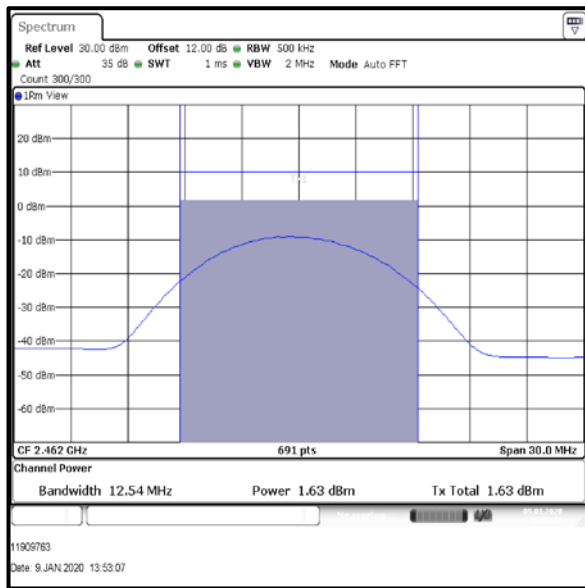
Results: 802.11b / 20 MHz / 5.5 Mbps / MIMO / Port 1 / PWL 8 / 14 dBi Antenna Group



Bottom Channel



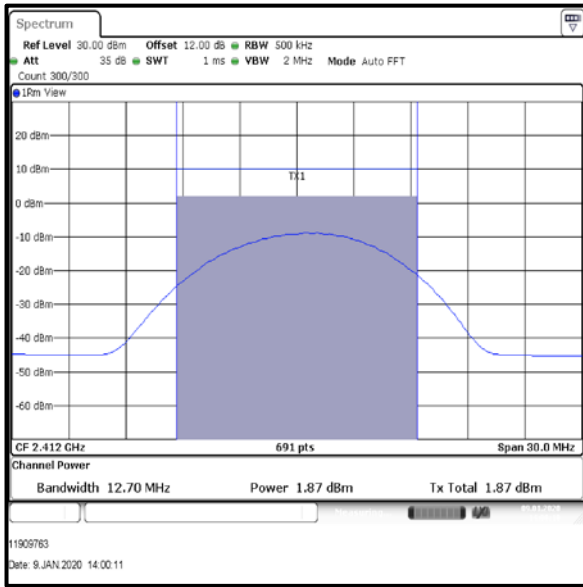
Middle Channel



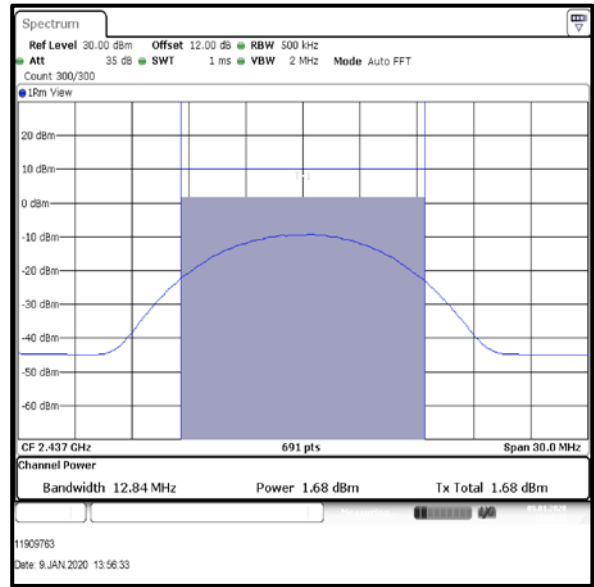
Top Channel

Transmitter Maximum (Average) Output Power (continued)

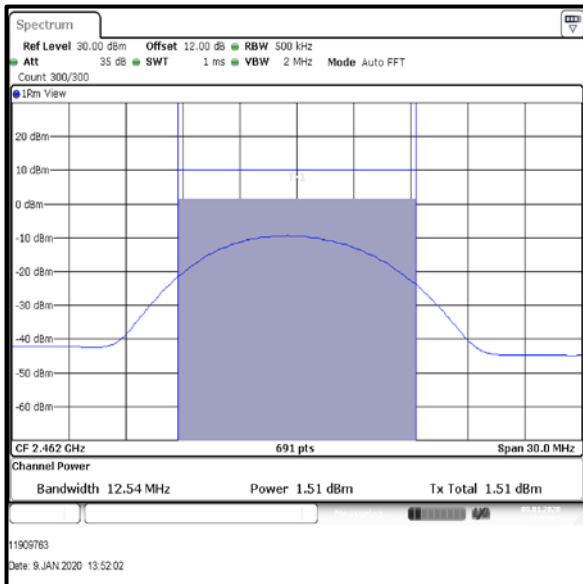
Results: 802.11b / 20 MHz / 5.5 Mbps / MIMO / Port 2 / PWL 8 / 14 dBi Antenna Group



Bottom Channel



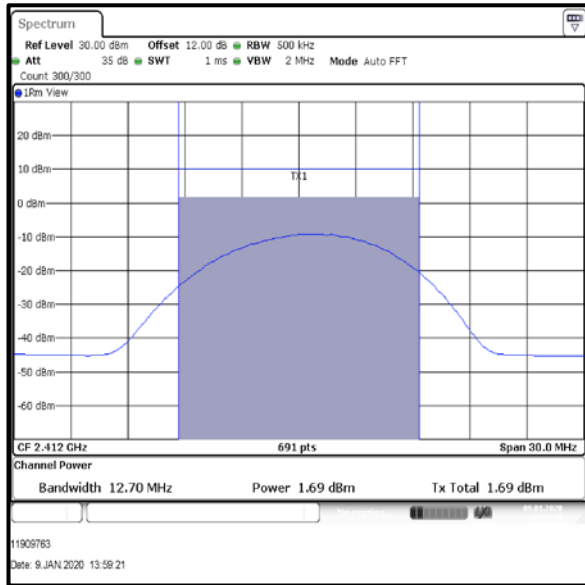
Middle Channel



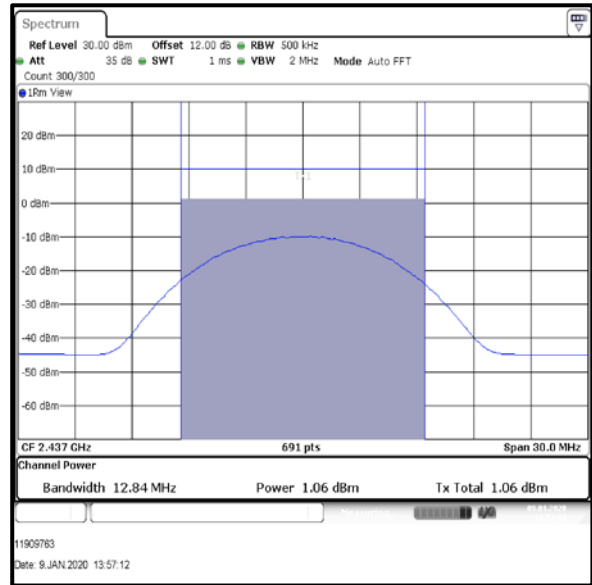
Top Channel

Transmitter Maximum (Average) Output Power (continued)

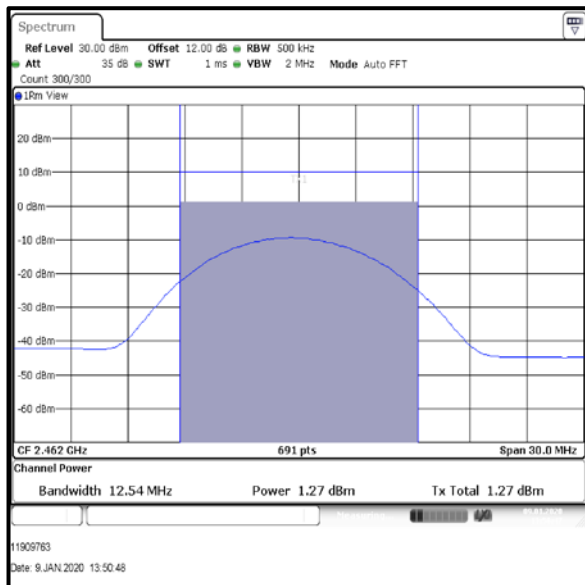
Results: 802.11b / 20 MHz / 5.5 Mbps / MIMO / Port 3 / PWL 8 / 14 dBi Antenna Group



Bottom Channel



Middle Channel



Top Channel

Transmitter Maximum (Average) Output Power (continued)

**Results: 802.11g / 20 MHz / 6 Mbps / MIMO / Port 1+2+3 / PWL 8 / 14 dBi Antenna Group
Conducted Power Limit Comparison**

Channel	Port 1			Port 2		
	Conducted Power (dBm)	Duty Cycle Correction (dB)	Corrected Conducted Power (dBm)	Conducted Power (dBm)	Duty Cycle Correction (dB)	Corrected Conducted Power (dBm)
Bottom	3.0	0.2	3.2	3.1	0.2	3.3
Middle	2.7	0.2	2.9	2.5	0.2	2.7
Top	2.9	0.2	3.1	2.7	0.2	2.9

Channel	Port 3		
	Conducted Power (dBm)	Duty Cycle Correction (dB)	Corrected Conducted Power (dBm)
Bottom	2.9	0.2	3.1
Middle	2.2	0.2	2.4
Top	2.5	0.2	2.7

Channel	Corrected Conducted Power Port 1 (dBm)	Corrected Conducted Power Port 2 (dBm)	Corrected Conducted Power Port 3 (dBm)	Port 1+2+3 Combined Conducted Power (dBm)	Conducted Power Limit (dBm)	Margin (dB)	Result
Bottom	3.2	3.3	3.1	8.0	22.0	14	Complied
Middle	2.9	2.7	2.4	7.4	22.0	14.6	Complied
Top	3.1	2.9	2.7	7.7	22.0	14.3	Complied

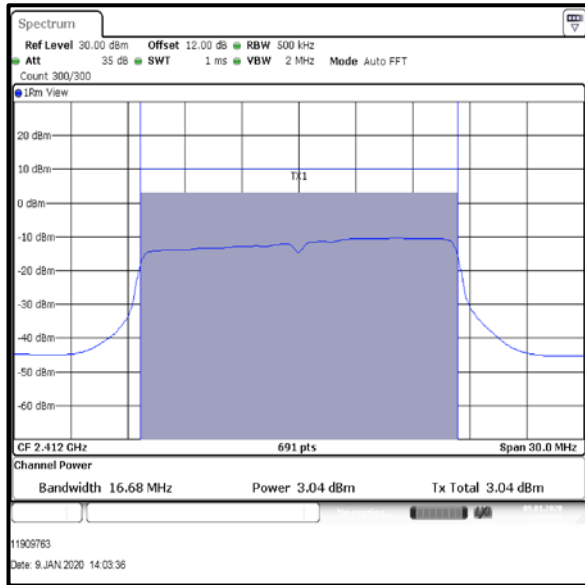
De Facto EIRP Limit Comparison

Channel	Port 1+2+3 Combined Conducted Power (dBm)	Directional Antenna Gain (dBi)	EIRP (dBm)	De Facto EIRP Limit (dBm)	Margin (dB)	Result
Bottom	8.0	14.0	22	36.0	14	Complied
Middle	7.4	14.0	21.4	36.0	14.6	Complied
Top	7.7	14.0	21.7	36.0	14.3	Complied

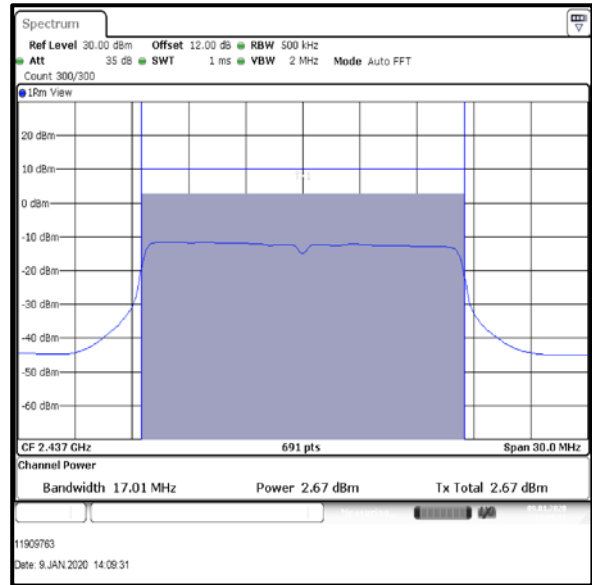
Result: **Pass**

Transmitter Maximum (Average) Output Power (continued)

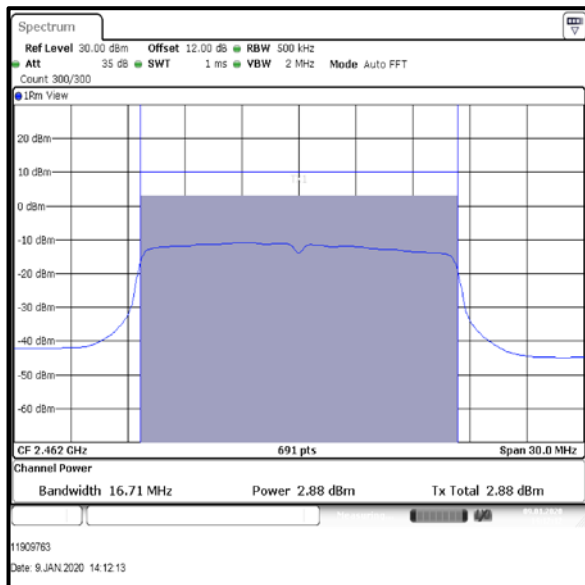
Results: 802.11g / 20 MHz / 6 Mbps / MIMO / Port 1 / PWL 8 / 14 dBi Antenna Group



Bottom Channel



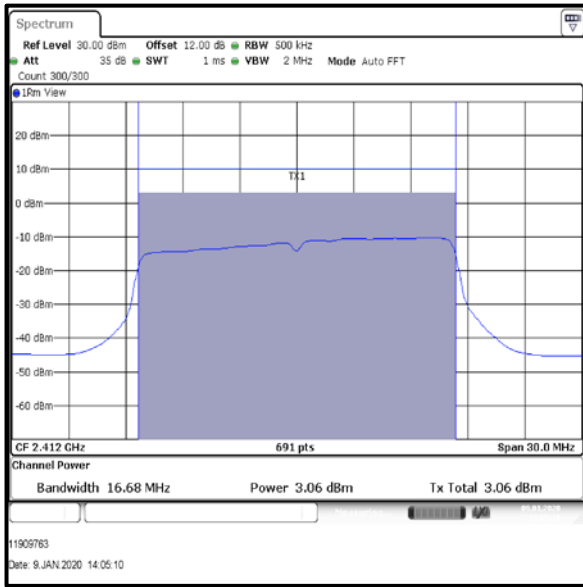
Middle Channel



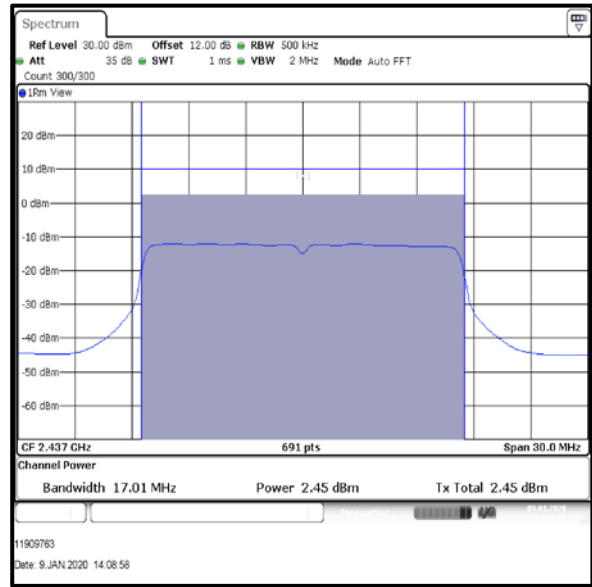
Top Channel

Transmitter Maximum (Average) Output Power (continued)

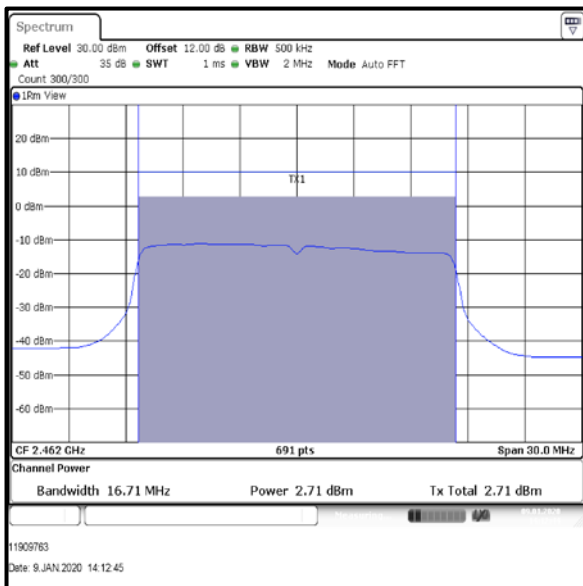
Results: 802.11g / 20 MHz / 6 Mbps / MIMO / Port 2 / PWL 8 / 14 dBi Antenna Group



Bottom Channel



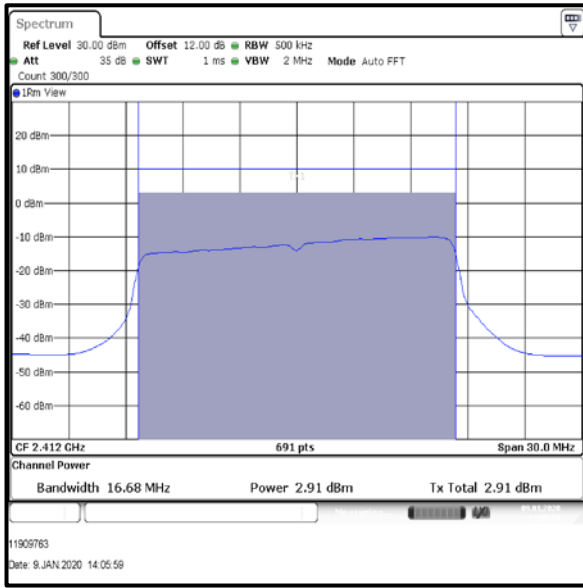
Middle Channel



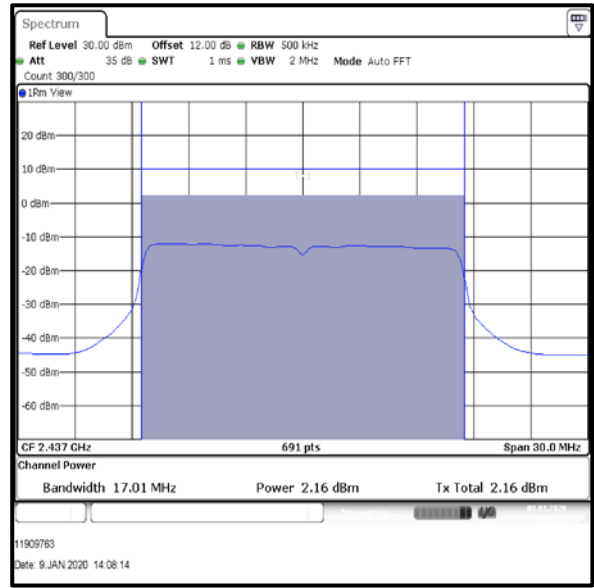
Top Channel

Transmitter Maximum (Average) Output Power (continued)

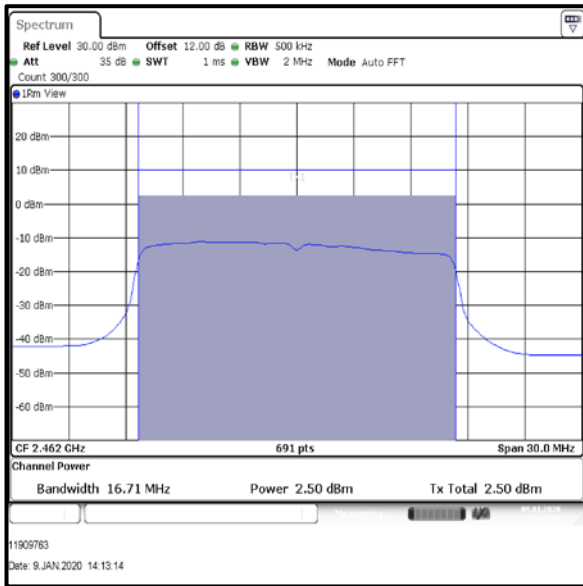
Results: 802.11g / 20 MHz / 6 Mbps / MIMO / Port 3 / PWL 8 / 14 dBi Antenna Group



Bottom Channel



Middle Channel



Top Channel

Transmitter Maximum (Average) Output Power (continued)

Results: 802.11n / HT20 / MCS0 / MIMO / Port 1+2+3 / PWL 8 / 14 dBi Antenna Group

Conducted Power Limit Comparison

Channel	Port 1			Port 2		
	Conducted Power (dBm)	Duty Cycle Correction (dB)	Corrected Conducted Power (dBm)	Conducted Power (dBm)	Duty Cycle Correction (dB)	Corrected Conducted Power (dBm)
Bottom	2.8	0.4	3.2	2.7	0.4	3.1
Middle	2.4	0.4	2.8	2.5	0.4	2.9
Top	2.5	0.4	2.9	2.4	0.4	2.8

Channel	Port 3		
	Conducted Power (dBm)	Duty Cycle Correction (dB)	Corrected Conducted Power (dBm)
Bottom	2.6	0.4	3
Middle	2.0	0.4	2.4
Top	2.3	0.4	2.7

Channel	Corrected Conducted Power Port 1 (dBm)	Corrected Conducted Power Port 2 (dBm)	Corrected Conducted Power Port 3 (dBm)	Port 1+2+3 Combined Conducted Power (dBm)	Conducted Power Limit (dBm)	Margin (dB)	Result
Bottom	3.2	3.1	3.0	7.9	22.0	14.1	Complied
Middle	2.8	2.9	2.4	7.5	22.0	14.5	Complied
Top	2.9	2.8	2.7	7.6	22.0	14.4	Complied

De Facto EIRP Limit Comparison

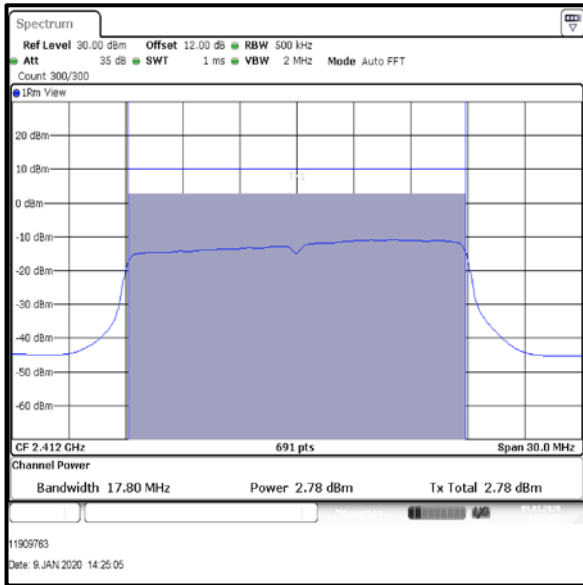
Channel	Port 1+2+3 Combined Conducted Power (dBm)	Directional Antenna Gain (dBi)	EIRP (dBm)	De Facto EIRP Limit (dBm)	Margin (dB)	Result
Bottom	7.9	14.0	21.9	36.0	14.1	Complied
Middle	7.5	14.0	21.5	36.0	14.5	Complied
Top	7.6	14.0	21.6	36.0	14.4	Complied

Result: **Pass**

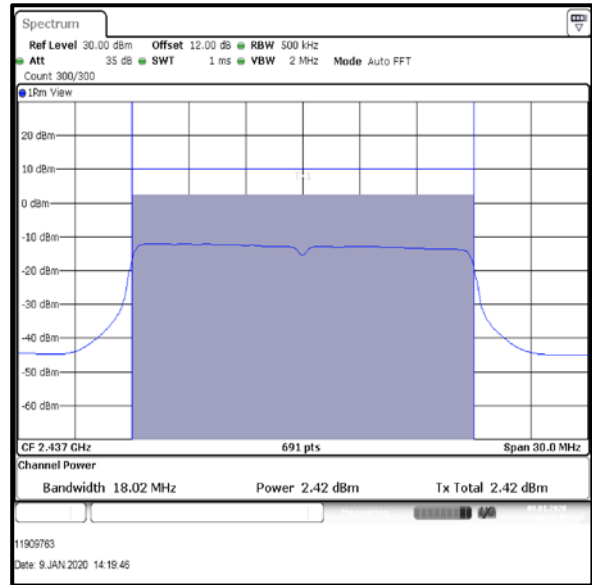


Transmitter Maximum (Average) Output Power (continued)

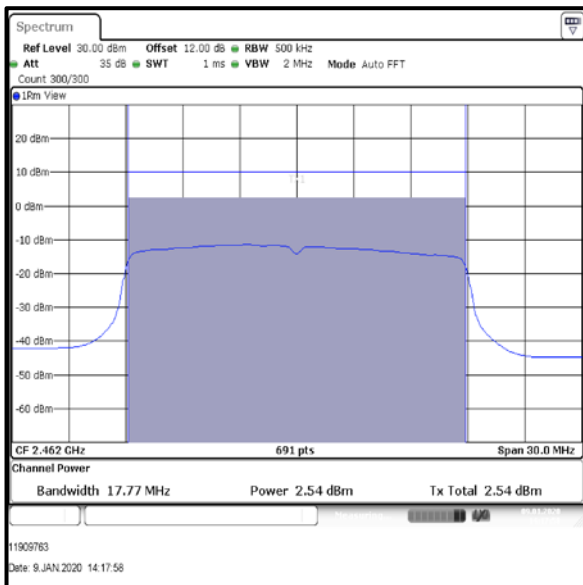
Results: 802.11n / HT20 / MCS0 / MIMO / Port 1 / PWL 8 / 14 dBi Antenna Group



Bottom Channel



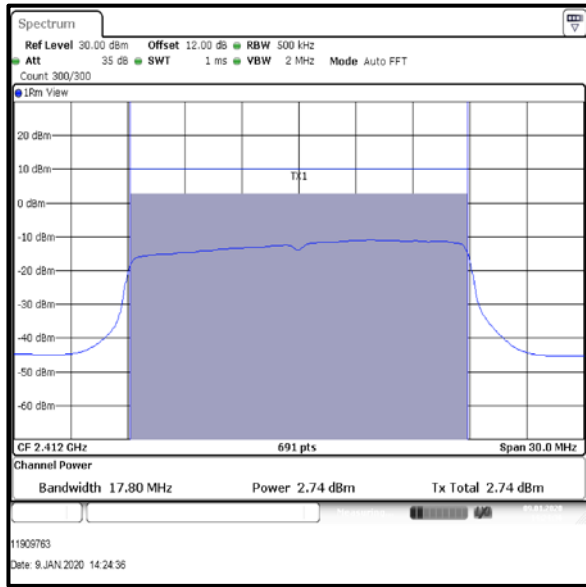
Middle Channel



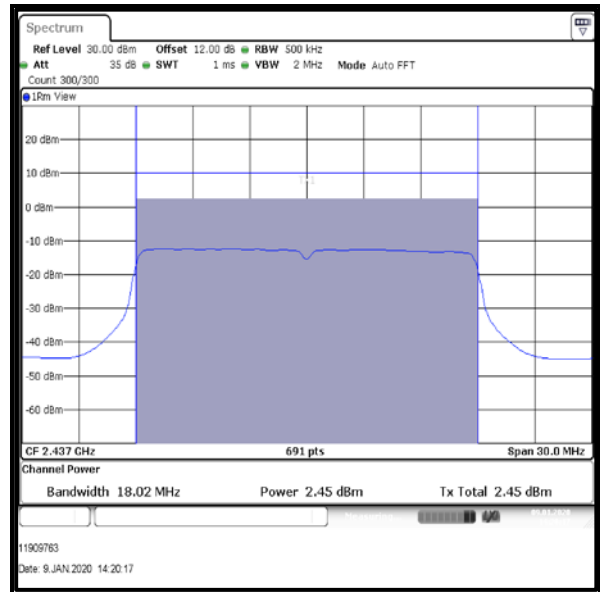
Top Channel

Transmitter Maximum (Average) Output Power (continued)

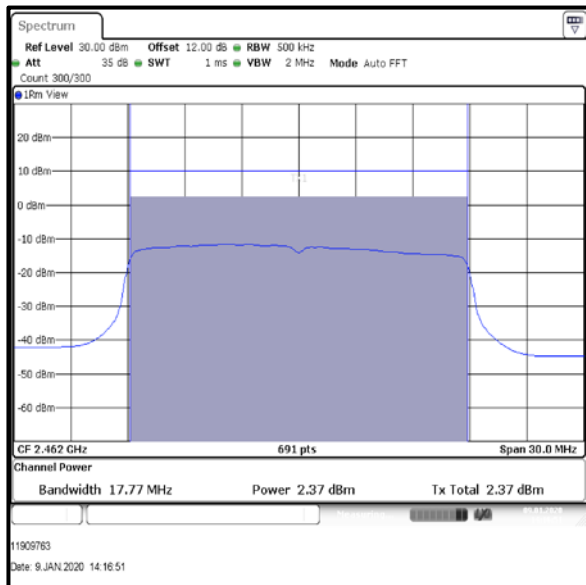
Results: 802.11n / HT20 / MCS0 / MIMO / Port 2 / PWL 8 / 14 dBi Antenna Group



Bottom Channel



Middle Channel



Top Channel