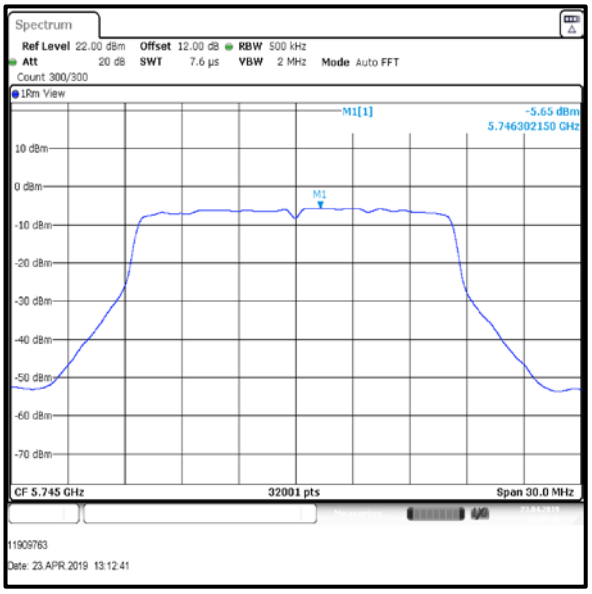
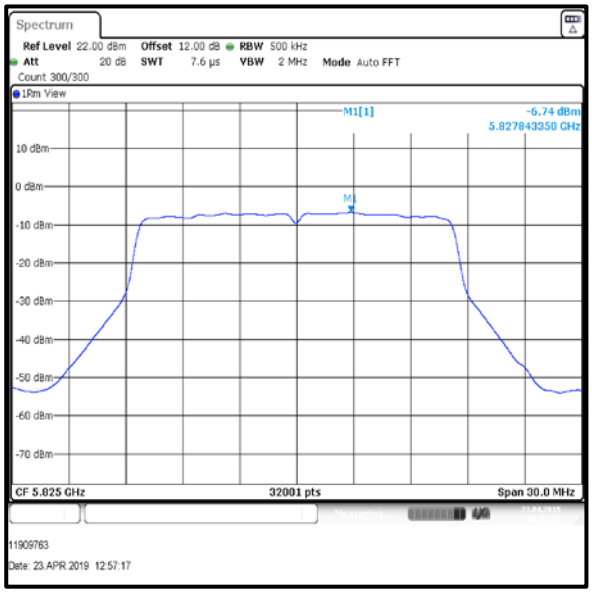
Transmitter Maximum Power Spectral Density (continued)

Results: 802.11a / 20 MHz / 6 Mbps / MIMO / Port 3 / PWL 16 / 9 dBi Antenna Group

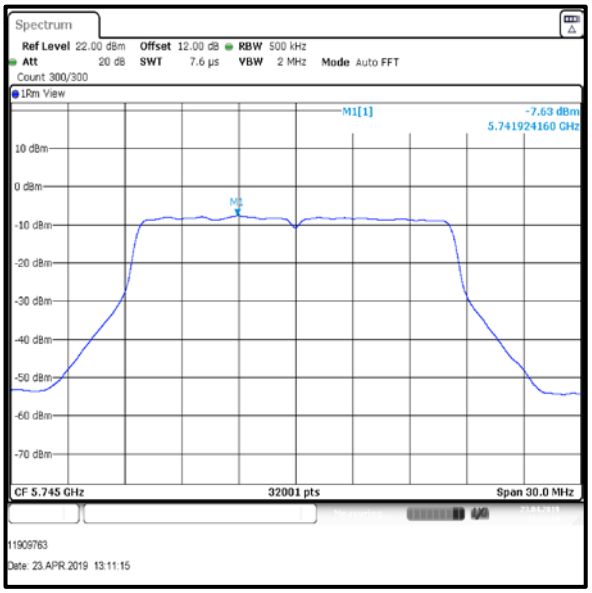


Bottom Channel

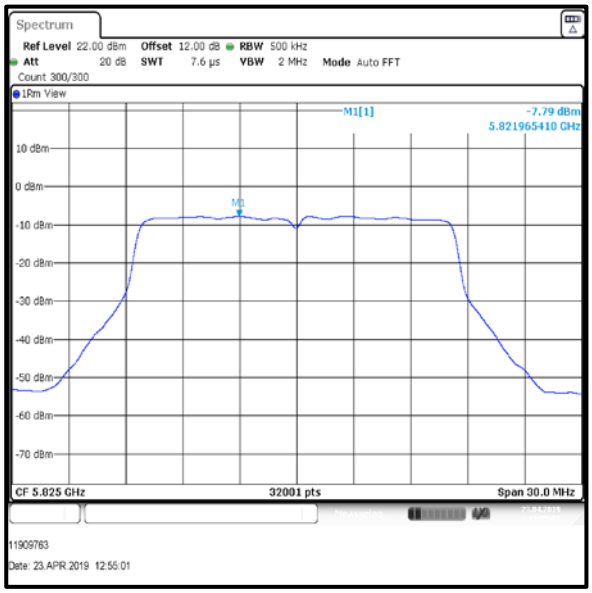


Top Channel

Results: 802.11a / 20 MHz / 6 Mbps / MIMO / Port 4 / PWL 16 / 9 dBi Antenna Group



Bottom Channel



Top Channel

Transmitter Maximum Power Spectral Density (continued)

Results: 802.11n / 20 MHz / MCS0 / MIMO / Port 1+2+3+4 / PWL 21 / 9 dBi Antenna Group

Channel	Port 1			Port 2		
	PPSD (dBm/500 kHz)	Duty Cycle Correction (dB)	Corrected PPSD (dBm/500 kHz)	PPSD (dBm/500 kHz)	Duty Cycle Correction (dB)	Corrected PPSD (dBm/500 kHz)
Bottom +1	-1.7	0.5	-1.2	-1.8	0.5	-1.3
Middle	-1.9	0.5	-1.4	-1.5	0.5	-1.0
Top -1	-2.0	0.5	-1.5	-1.8	0.5	-1.3

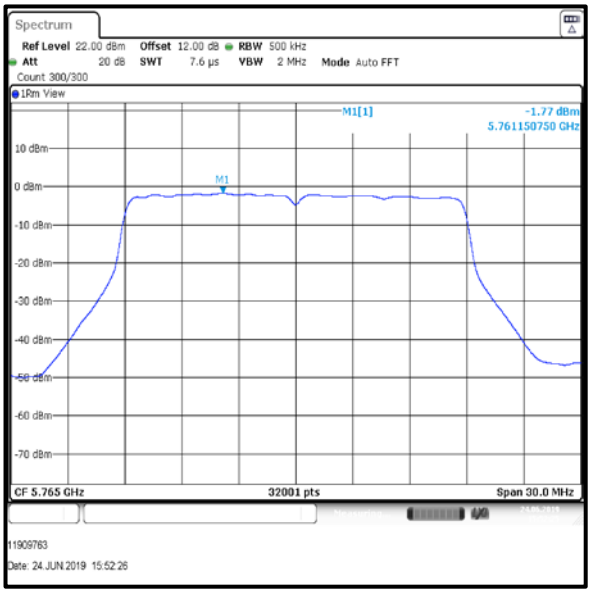
Channel	Port 3			Port 4		
	PPSD (dBm /500kHz)	Duty Cycle Correction (dB)	Corrected PPSD (dBm /500kHz)	PPSD (dBm /500kHz)	Duty Cycle Correction (dB)	Corrected PPSD (dBm /500kHz)
Bottom +1	-1.4	0.5	-0.9	-2.4	0.5	-1.9
Middle	-1.2	0.5	-0.7	-2.3	0.5	-1.8
Top -1	-1.5	0.5	-1.0	-4.2	0.5	-3.7

Channel	Corrected PPSD Port 1 (dBm/500 kHz)	Corrected PPSD Port 2 (dBm/500 kHz)	Corrected PPSD Port 3 (dBm/500 kHz)	Corrected PPSD Port 4 (dBm/500 kHz)	Combined PPSD (dBm/500 kHz)	Limit (dBm/500kHz)	Margin (dB)	Result
Bottom +1	-1.2	-1.3	-0.9	-1.9	4.7	20.9	16.2	Complied
Middle	-1.4	-1.0	-0.7	-1.8	4.8	20.9	16.1	Complied
Top -1	-1.5	-1.3	-1.0	-3.7	4.3	20.9	16.6	Complied

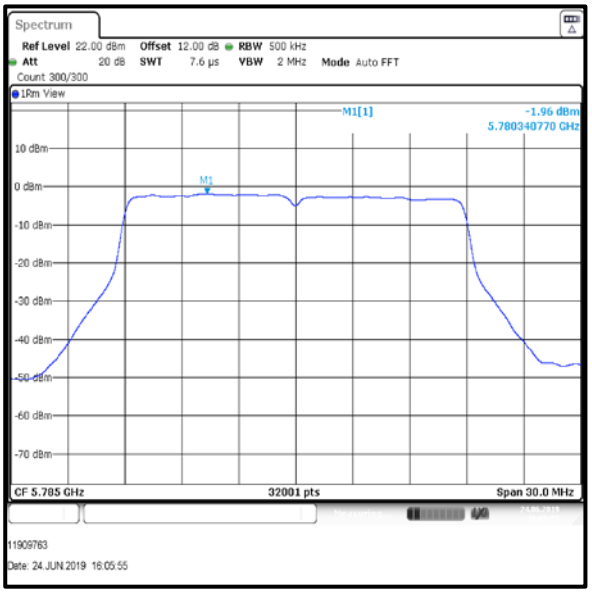
Result: Pass

Transmitter Maximum Power Spectral Density (continued)

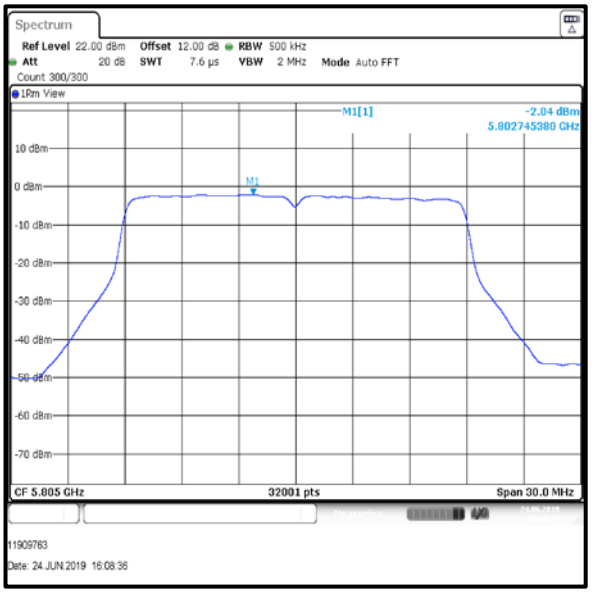
Results: 802.11n / 20 MHz / MCS0 / MIMO / Port 1 / PWL 21 / 9 dBi Antenna Group



Bottom +1 Channel



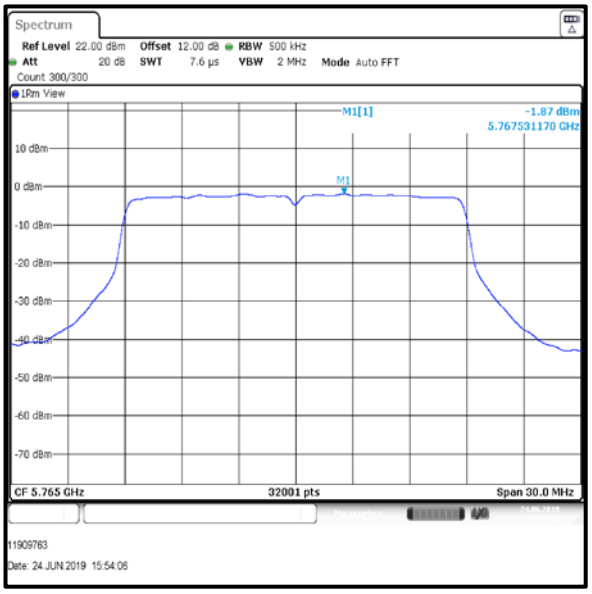
Middle Channel



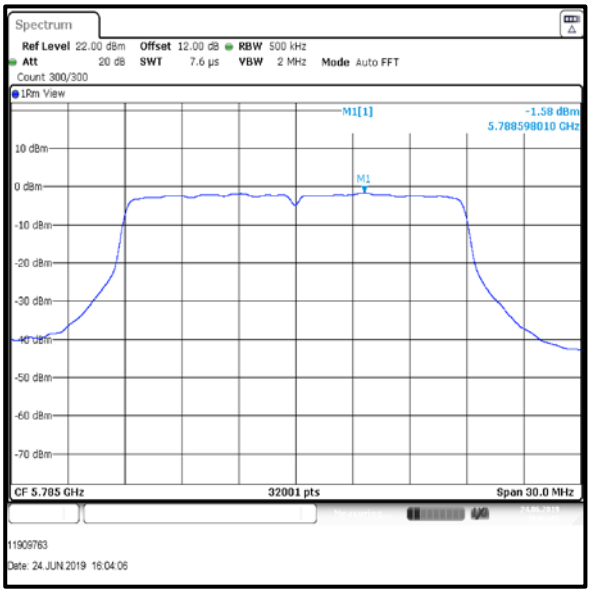
Top -1 Channel

Transmitter Maximum Power Spectral Density (continued)

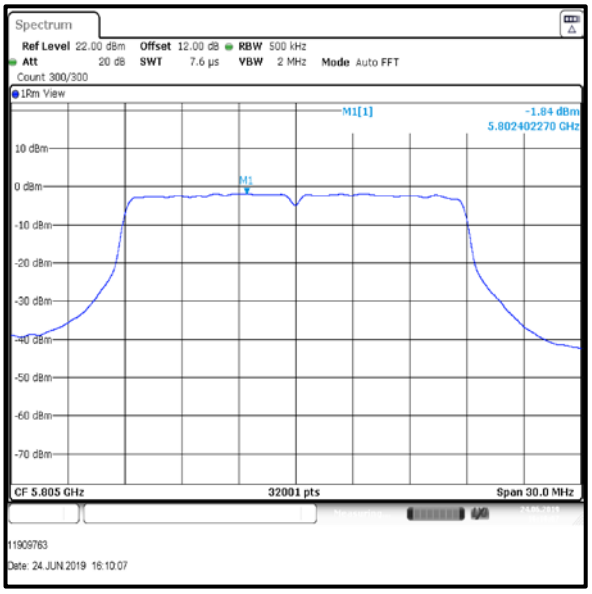
Results: 802.11n / 20 MHz / MCS0/ MIMO / Port 2 / PWL 21 / 9 dBi Antenna Group



Bottom +1 Channel



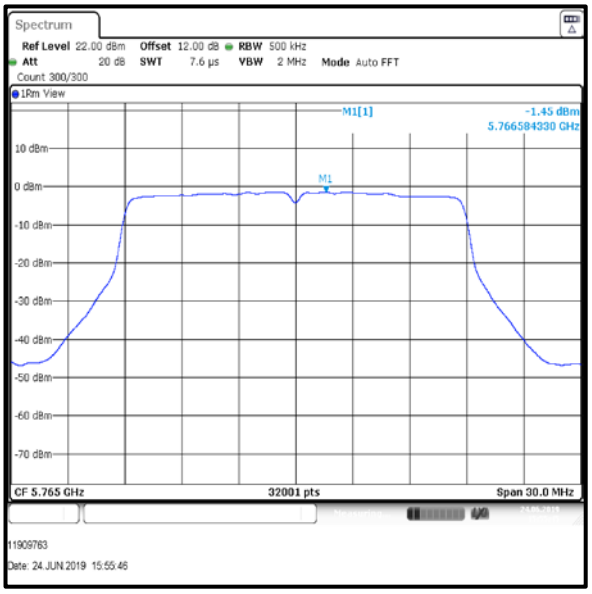
Middle Channel



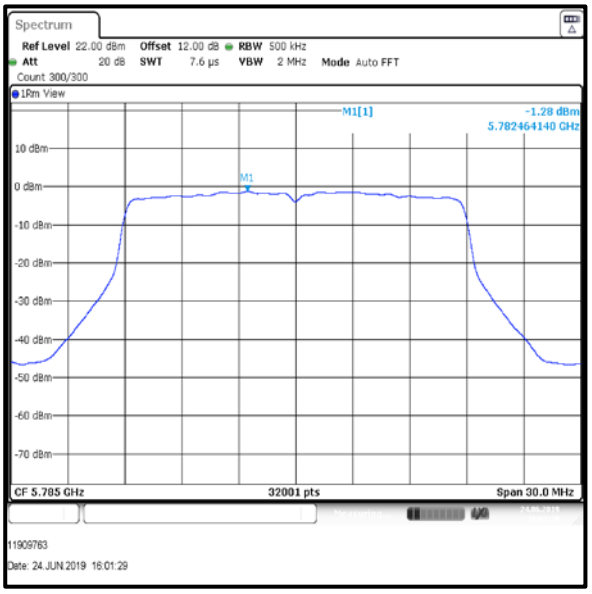
Top -1 Channel

Transmitter Maximum Power Spectral Density (continued)

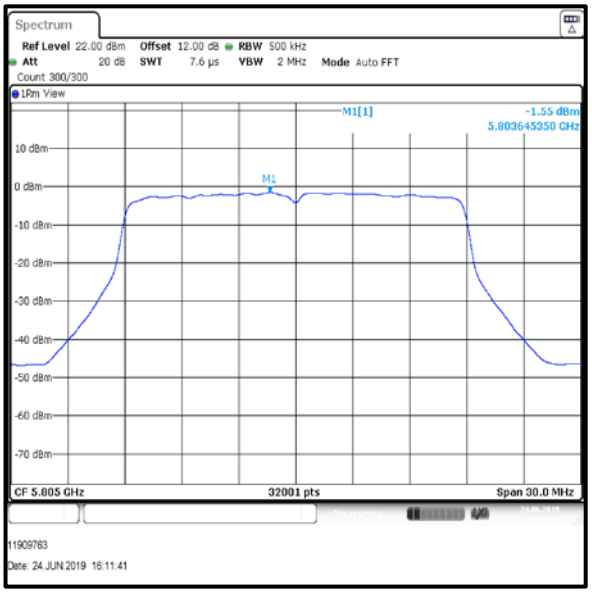
Results: 802.11n / 20 MHz / MCS0/ MIMO / Port 3 / PWL 21 / 9 dBi Antenna Group



Bottom +1 Channel



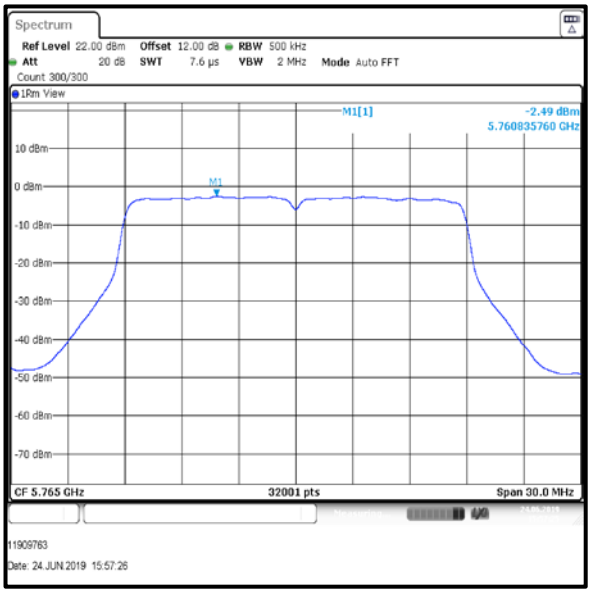
Middle Channel



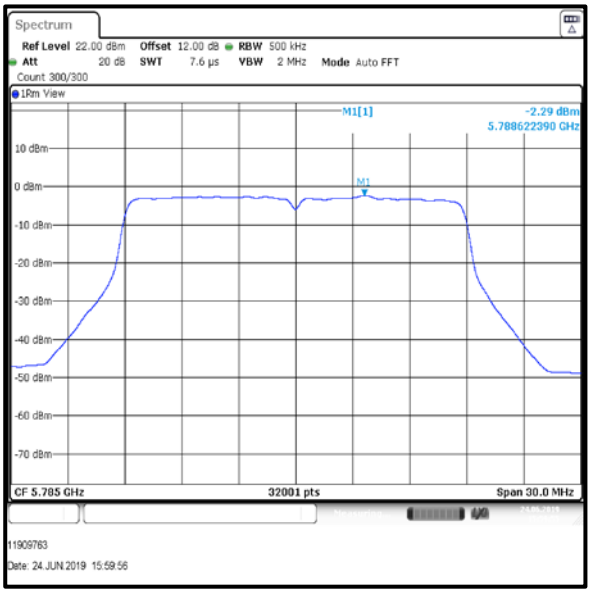
Top -1 Channel

Transmitter Maximum Power Spectral Density (continued)

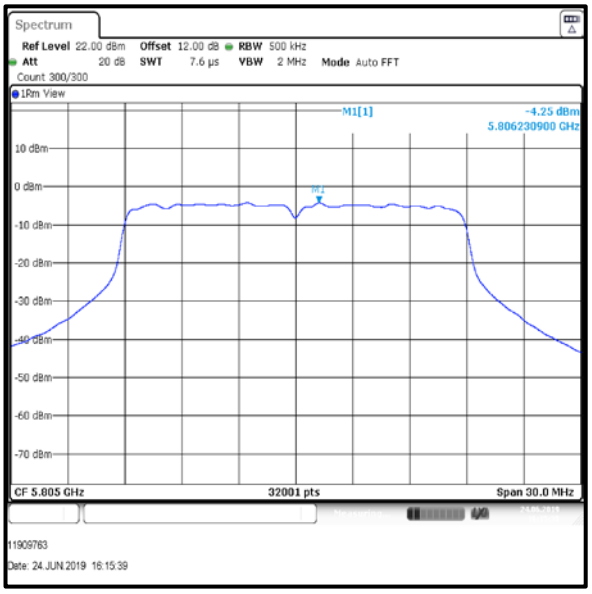
Results: 802.11n / 20 MHz / MCS0 / MIMO / Port 4 / PWL 21 / 9 dBi Antenna Group



Bottom +1 Channel



Middle Channel



Top -1 Channel

Transmitter Maximum Power Spectral Density (continued)

Results: 802.11n / 20 MHz / MCS0 / MIMO / Port 1+2+3+4 / PWL 16 / 9 dBi Antenna Group

Channel	Port 1			Port 2		
	PPSD (dBm /500k Hz)	Duty Cycle Correction (dB)	Corrected PPSD (dBm /500k Hz)	PPSD (dBm /500k Hz)	Duty Cycle Correction (dB)	Corrected PPSD (dBm /500k Hz)
Bottom	-5.9	0.5	-5.4	-6.6	0.5	-6.1
Top	-7.2	0.5	-6.7	-7.3	0.5	-6.8

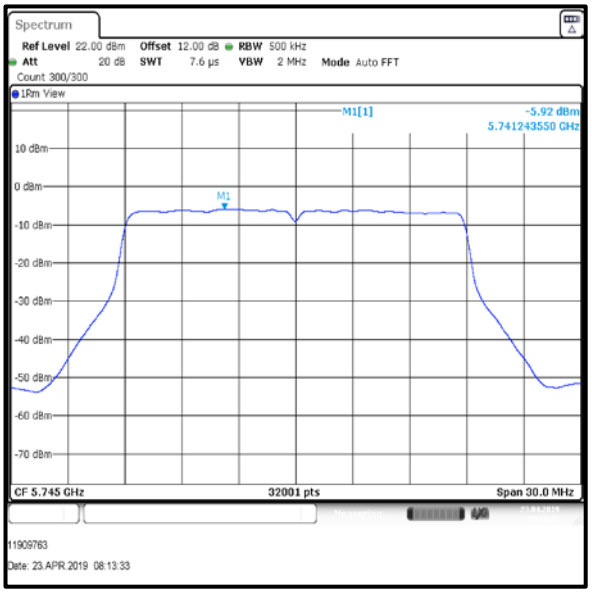
Channel	Port 3			Port 4		
	PPSD (dBm /500kHz)	Duty Cycle Correction (dB)	Corrected PPSD (dBm /500kHz)	PPSD (dBm /500kHz)	Duty Cycle Correction (dB)	Corrected PPSD (dBm /500kHz)
Bottom	-6.1	0.5	-5.6	-8.0	0.5	-7.5
Top	-7.8	0.5	-7.3	-7.9	0.5	-7.4

Channel	Corrected PPSD Port 1 (dBm/500 kHz)	Corrected PPSD Port 2 (dBm/500 kHz)	Corrected PPSD Port 3 (dBm/500 kHz)	Corrected PPSD Port 4 (dBm/500 kHz)	Combined PPSD (dBm/500 kHz)	Limit (dBm/500kHz)	Margin (dB)	Result
Bottom	-5.4	-6.1	-5.6	-7.5	-0.1	20.9	21	Complied
Top	-6.7	-6.8	-7.3	-7.4	-1.0	20.9	21.9	Complied

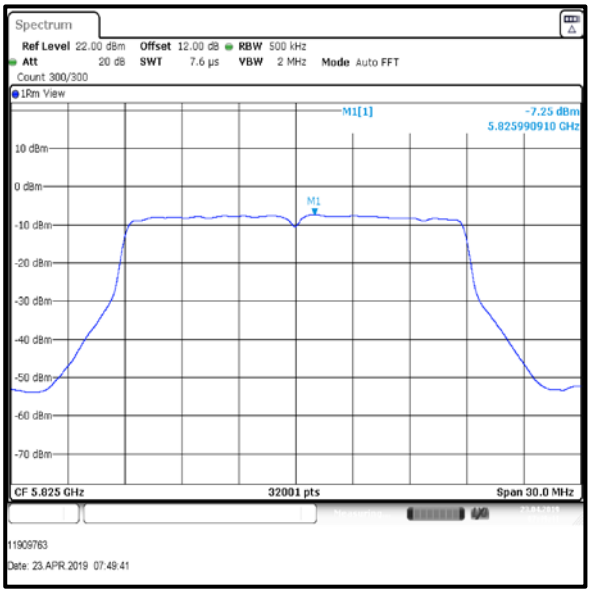
Result: Pass

Transmitter Maximum Power Spectral Density (continued)

Results: 802.11n / 20 MHz / MCS0 / MIMO / Port 1 / PWL 16 / 9 dBi Antenna Group

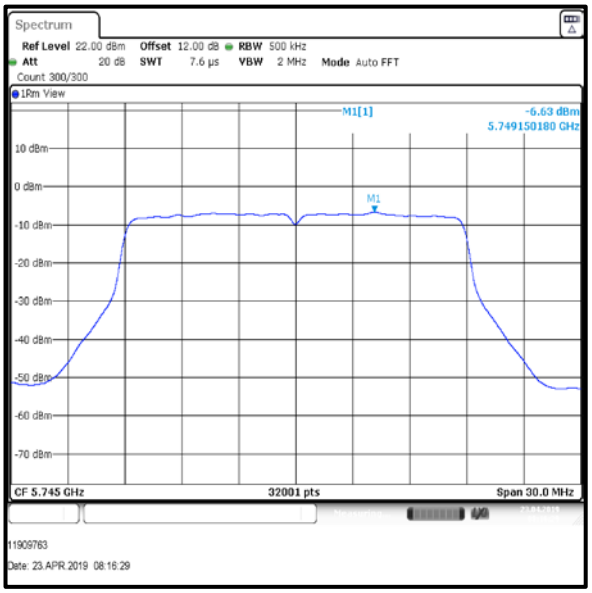


Bottom Channel

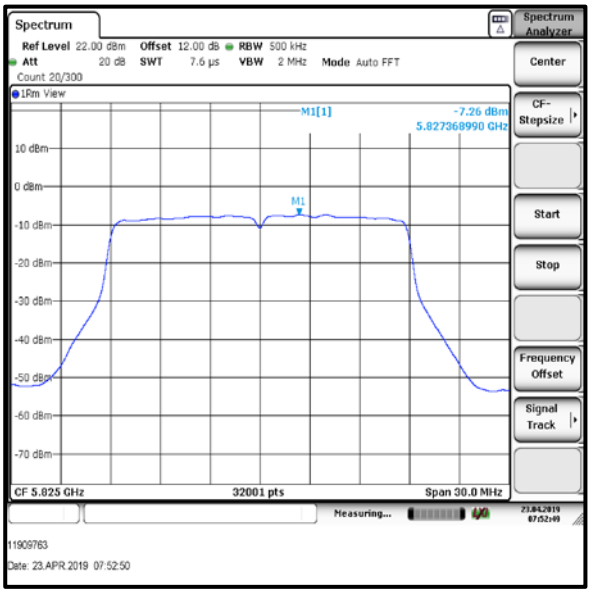


Top Channel

Results: 802.11n / 20 MHz / MCS0 / MIMO / Port 2 / PWL 16 / 9 dBi Antenna Group



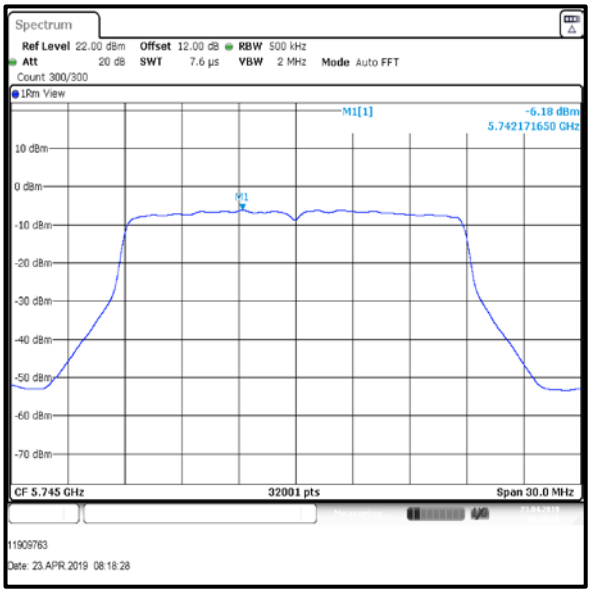
Bottom Channel



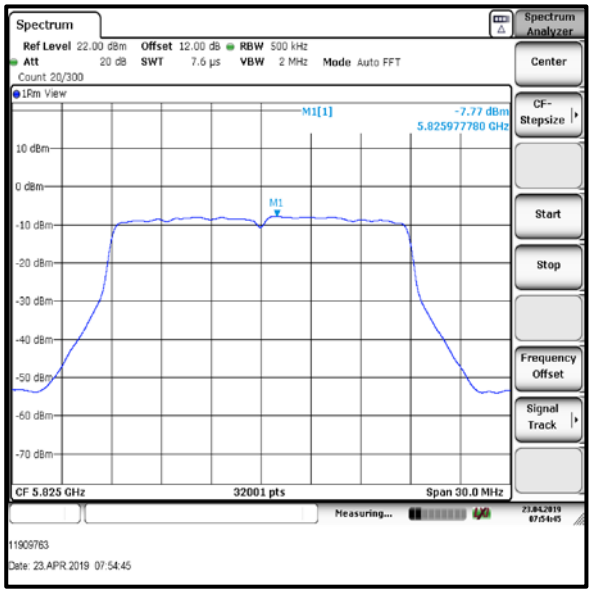
Top Channel

Transmitter Maximum Power Spectral Density (continued)

Results: 802.11n / 20 MHz / MCS0 / MIMO / Port 3 / PWL 16 / 9 dBi Antenna Group

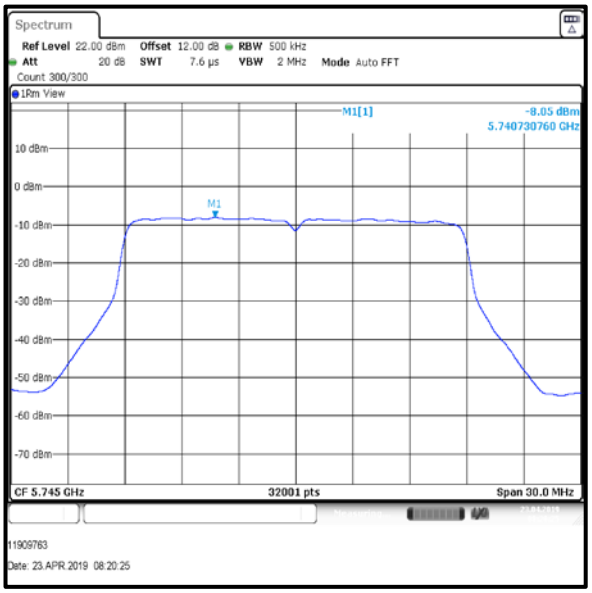


Bottom Channel

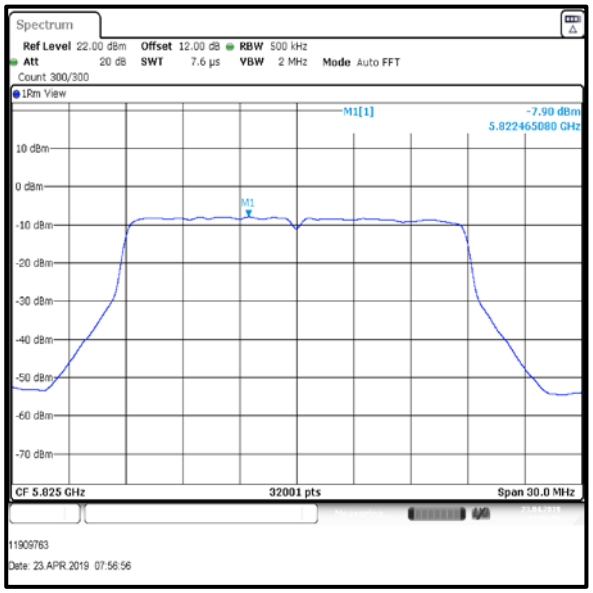


Top Channel

Results: 802.11n / 20 MHz / MCS0 / MIMO / Port 4 / PWL 16 / 9 dBi Antenna Group



Bottom Channel



Top Channel

Transmitter Maximum Power Spectral Density (continued)

Results: 802.11ac / 20 MHz / MCS0 / MIMO / Port 1+2+3+4 / PWL 21 / 9 dBi Antenna Group

Channel	Port 1			Port 2		
	PPSD (dBm/500 kHz)	Duty Cycle Correction (dB)	Corrected PPSD (dBm/500 kHz)	PPSD (dBm/500 kHz)	Duty Cycle Correction (dB)	Corrected PPSD (dBm/500 kHz)
Bottom +1	-0.9	0.4	-0.5	-1.3	0.4	-0.9
Middle	-1.3	0.4	-0.9	-1.1	0.4	-0.7
Top -1	-1.5	0.4	-1.1	-1.5	0.4	-1.1

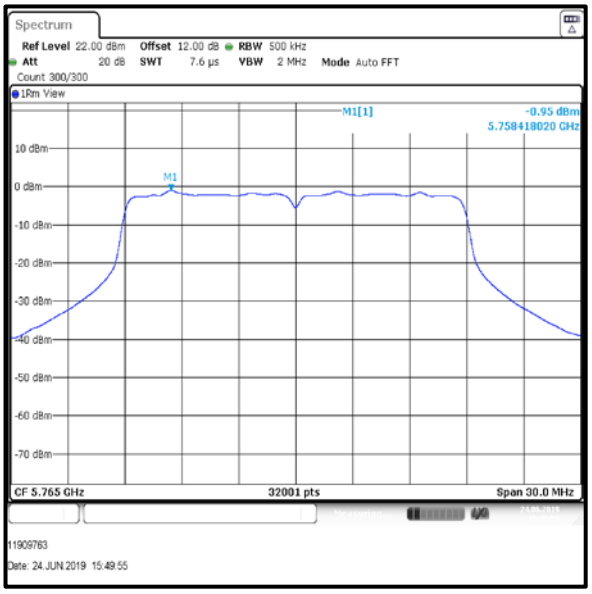
Channel	Port 3			Port 4		
	PPSD (dBm /500kHz)	Duty Cycle Correction (dB)	Corrected PPSD (dBm /500kHz)	PPSD (dBm /500kHz)	Duty Cycle Correction (dB)	Corrected PPSD (dBm /500kHz)
Bottom +1	-1.4	0.4	-1.0	-2.3	0.4	-1.9
Middle	-1.7	0.4	-1.3	-2.2	0.4	-1.8
Top -1	-1.3	0.4	-0.9	-2.5	0.4	-2.1

Channel	Corrected PPSD Port 1 (dBm/500 kHz)	Corrected PPSD Port 2 (dBm/500 kHz)	Corrected PPSD Port 3 (dBm/500 kHz)	Corrected PPSD Port 4 (dBm/500 kHz)	Combined PPSD (dBm/500 kHz)	Limit (dBm/500kHz)	Margin (dB)	Result
Bottom +1	-0.5	-0.9	-1.0	-1.9	5.0	20.9	15.9	Complied
Middle	-0.9	-0.7	-1.3	-1.8	4.9	20.9	16	Complied
Top -1	-1.1	-1.1	-0.9	-2.1	4.7	20.9	16.2	Complied

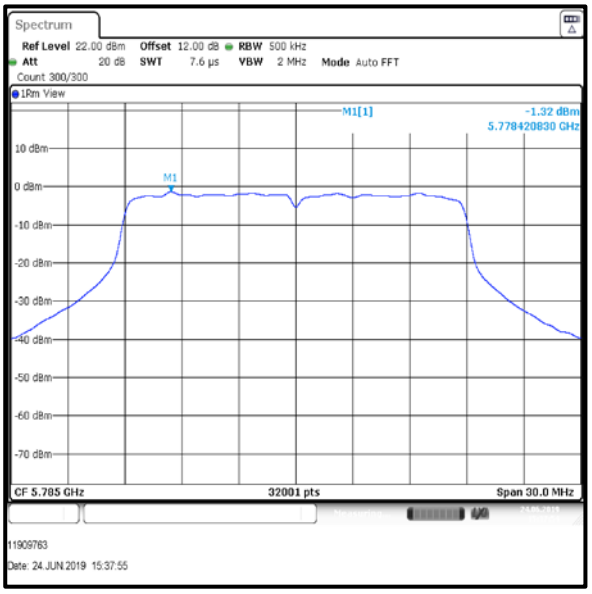
Result: Pass

Transmitter Maximum Power Spectral Density (continued)

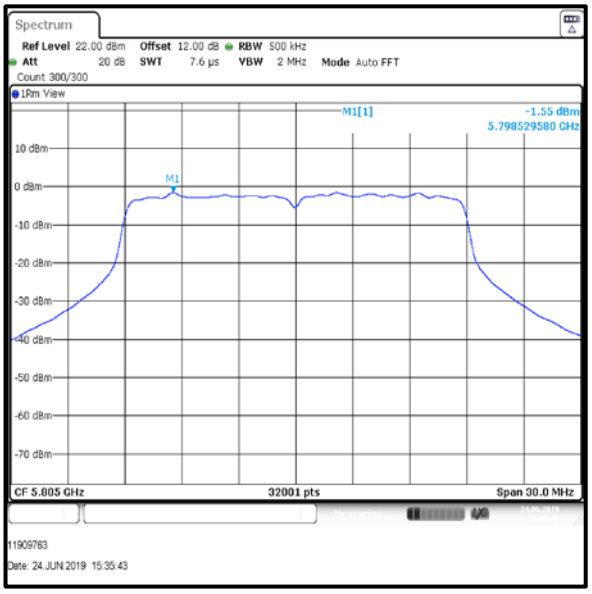
Results: 802.11ac / 20 MHz / MCS0 / MIMO / Port 1 / PWL 21 / 9 dBi Antenna Group



Bottom +1 Channel



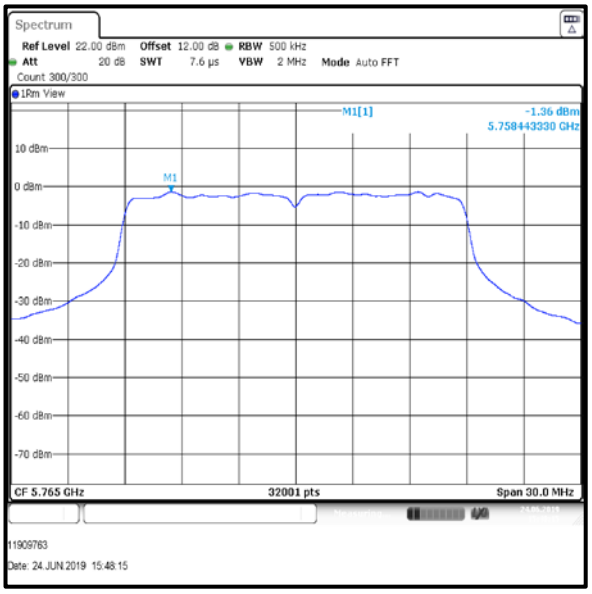
Middle Channel



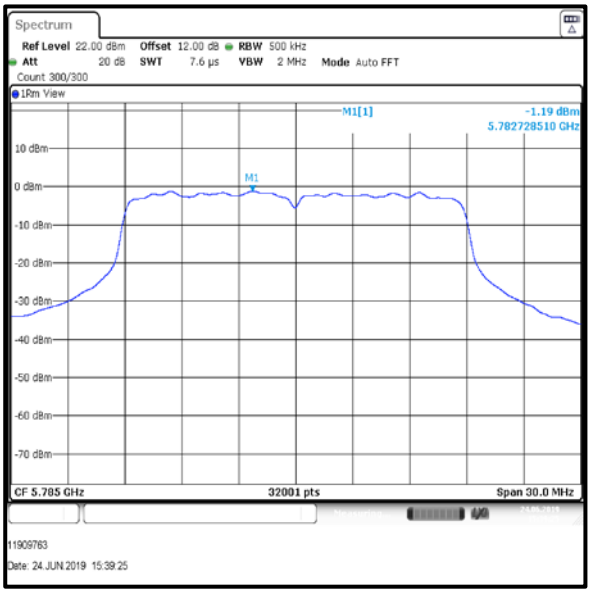
Top -1 Channel

Transmitter Maximum Power Spectral Density (continued)

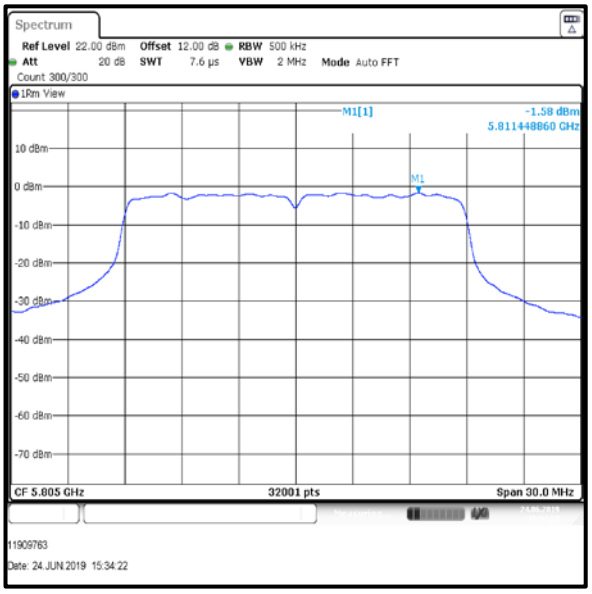
Results: 802.11ac / 20 MHz / MCS0/ MIMO / Port 2 / PWL 21 / 9 dBi Antenna Group



Bottom +1 Channel



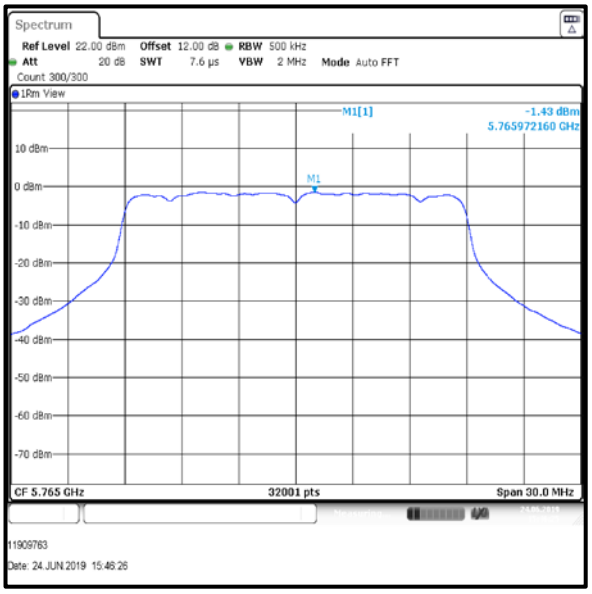
Middle Channel



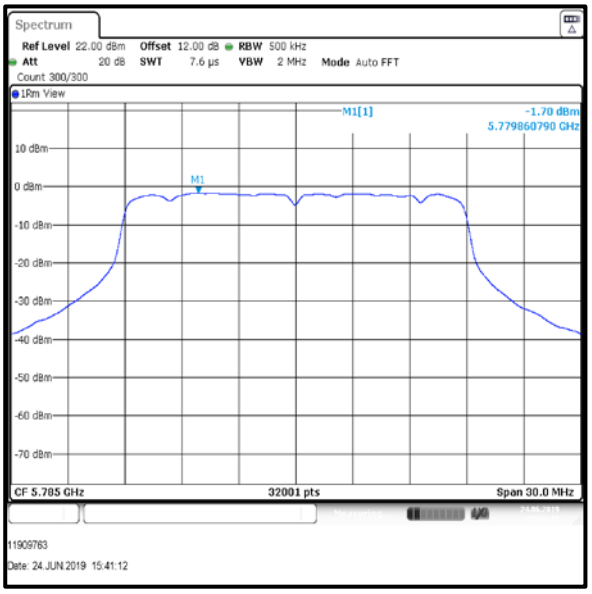
Top -1 Channel

Transmitter Maximum Power Spectral Density (continued)

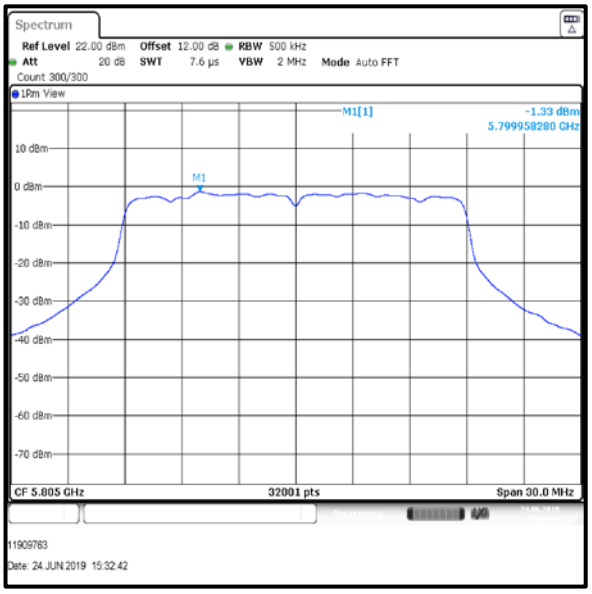
Results: 802.11ac / 20 MHz / MCS0/ MIMO / Port 3 / PWL 21 / 9 dBi Antenna Group



Bottom +1 Channel



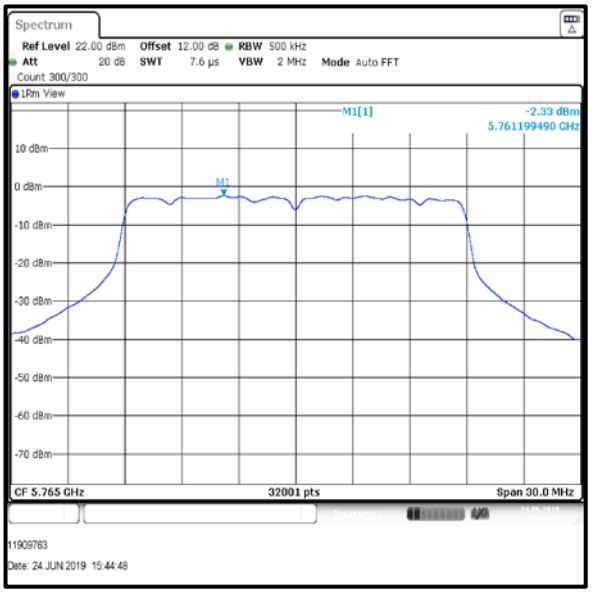
Middle Channel



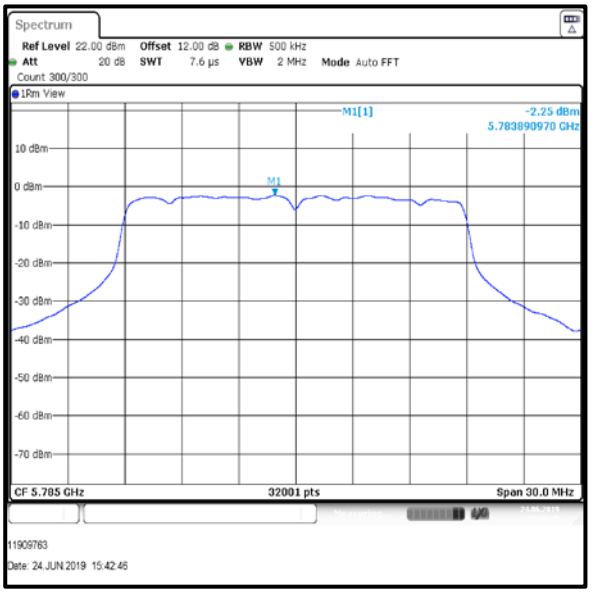
Top -1 Channel

Transmitter Maximum Power Spectral Density (continued)

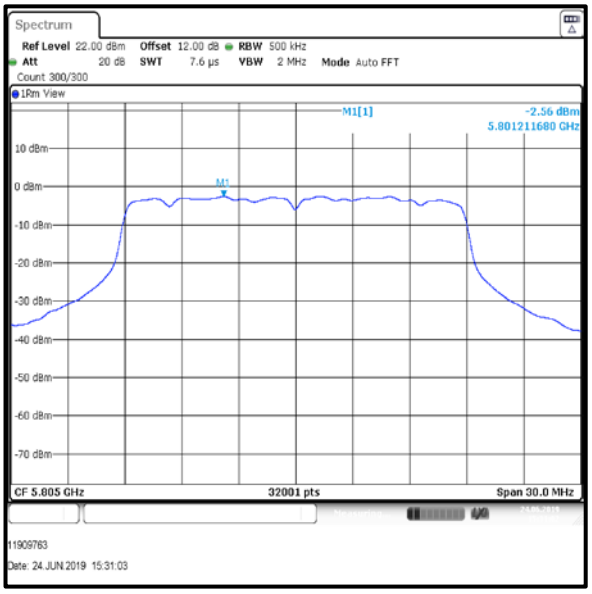
Results: 802.11ac / 20 MHz / MCS0 / MIMO / Port 4 / PWL 21 / 9 dBi Antenna Group



Bottom +1 Channel



Middle Channel



Top -1 Channel

Transmitter Maximum Power Spectral Density (continued)

Results: 802.11ac / 20 MHz / MCS0 / MIMO / Port 1+2+3+4 / PWL 16 / 9 dBi Antenna Group

Channel	Port 1			Port 2		
	PPSD (dBm /500k Hz)	Duty Cycle Correction (dB)	Corrected PPSD (dBm /500k Hz)	PPSD (dBm /500k Hz)	Duty Cycle Correction (dB)	Corrected PPSD (dBm /500k Hz)
Bottom	-5.0	0.4	-4.6	-6.2	0.4	-5.8
Top	-6.8	0.4	-6.4	-6.3	0.4	-5.9

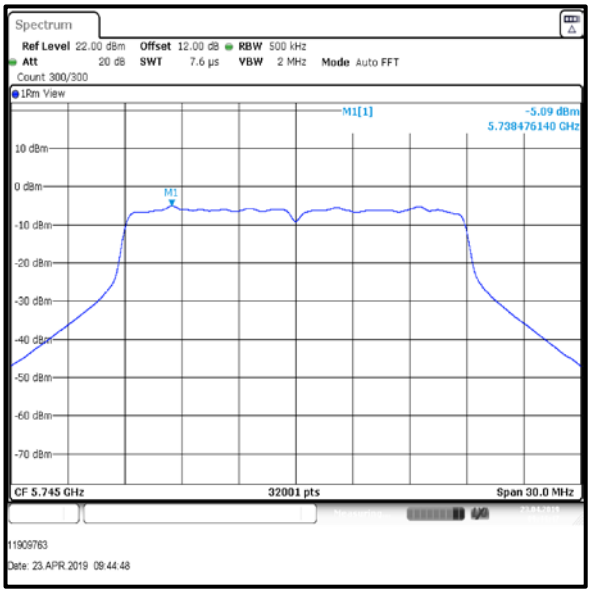
Channel	Port 3			Port 4		
	PPSD (dBm /500kHz)	Duty Cycle Correction (dB)	Corrected PPSD (dBm /500kHz)	PPSD (dBm /500kHz)	Duty Cycle Correction (dB)	Corrected PPSD (dBm /500kHz)
Bottom	-6.2	0.4	-5.8	-8.1	0.4	-7.7
Top	-6.5	0.4	-6.1	-7.8	0.4	-7.4

Channel	Corrected PPSD Port 1 (dBm/500 kHz)	Corrected PPSD Port 2 (dBm/500 kHz)	Corrected PPSD Port 3 (dBm/500 kHz)	Corrected PPSD Port 4 (dBm/500 kHz)	Combined PPSD (dBm/500 kHz)	Limit (dBm/500kHz)	Margin (dB)	Result
Bottom	-4.6	-5.8	-5.8	-7.7	0.2	20.9	20.7	Complied
Top	-6.4	-5.9	-6.1	-7.4	-0.4	20.9	21.3	Complied

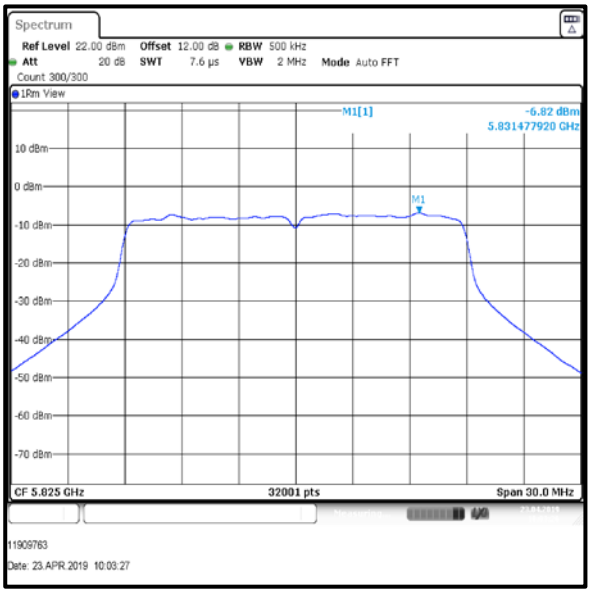
Result: Pass

Transmitter Maximum Power Spectral Density (continued)

Results: 802.11ac / 20 MHz / MCS0 / MIMO / Port 1 / PWL 16 / 9 dBi Antenna Group

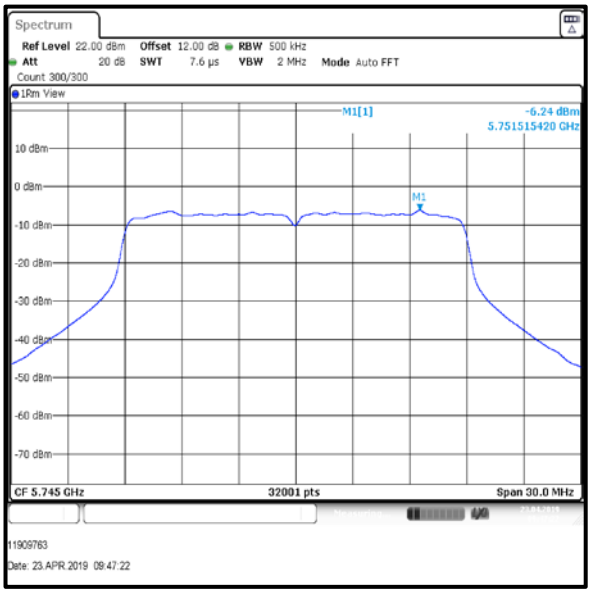


Bottom Channel

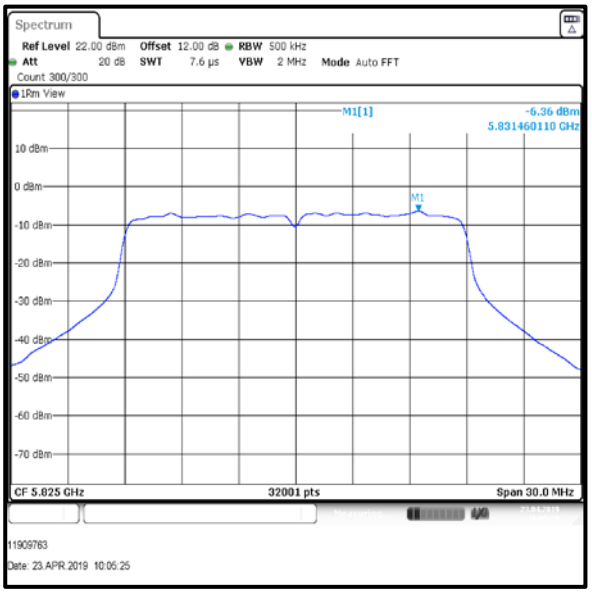


Top Channel

Results: 802.11ac / 20 MHz / MCS0 / MIMO / Port 2 / PWL 16 / 9 dBi Antenna Group



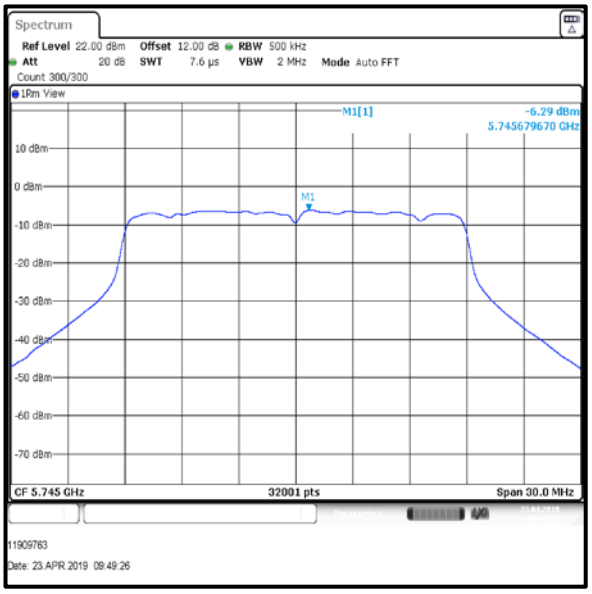
Bottom Channel



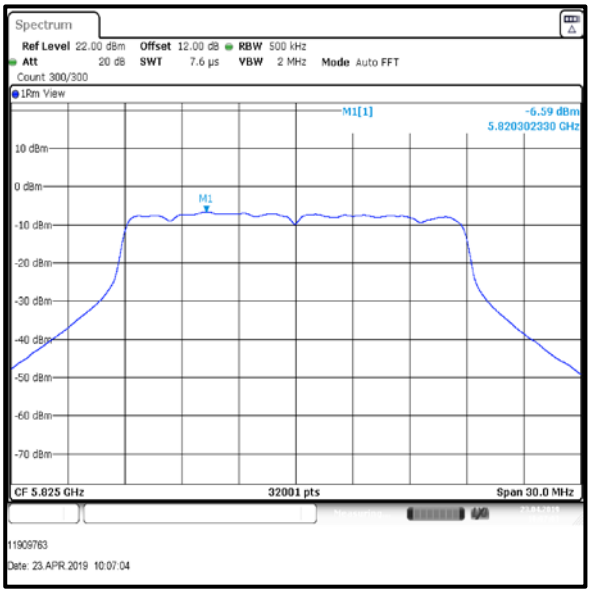
Top Channel

Transmitter Maximum Power Spectral Density (continued)

Results: 802.11ac / 20 MHz / MCS0 / MIMO / Port 3 / PWL 16 / 9 dBi Antenna Group

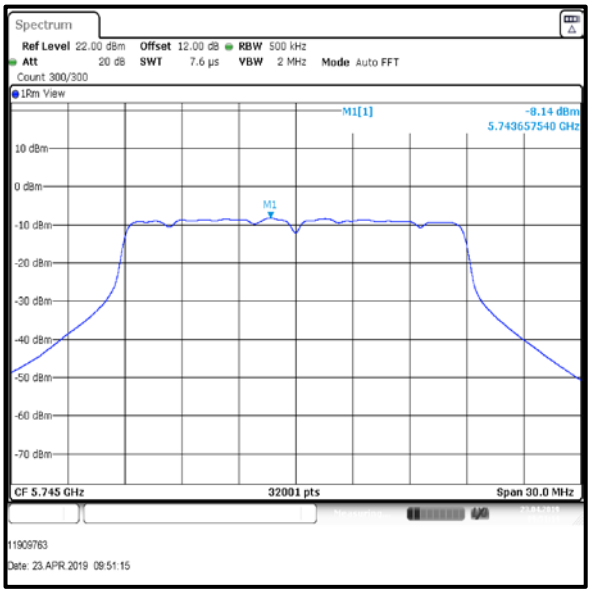


Bottom Channel

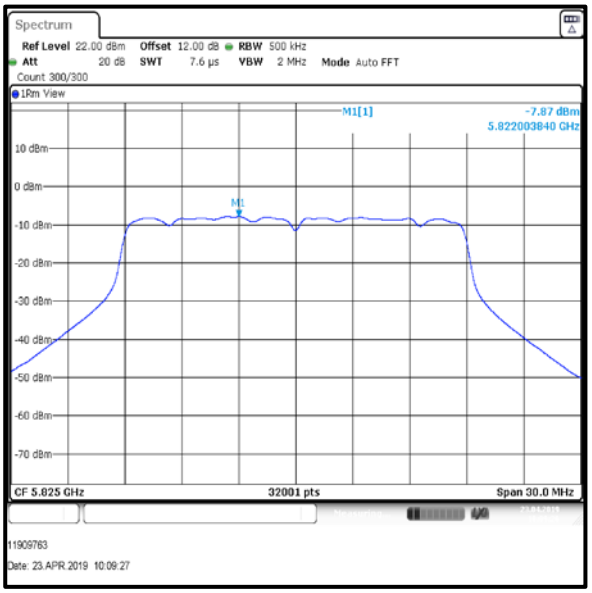


Top Channel

Results: 802.11ac / 20 MHz / MCS0 / MIMO / Port 4 / PWL 16 / 9 dBi Antenna Group



Bottom Channel



Top Channel

Transmitter Maximum Power Spectral Density (continued)

Results: 802.11n / HT40 / MCS0 / MIMO / Port 1+2+3+4 / PWL 16 / 9 dBi Antenna Group

Channel	Port 1			Port 2		
	PPSD (dBm /500k Hz)	Duty Cycle Correction (dB)	Corrected PPSD (dBm /500k Hz)	PPSD (dBm /500k Hz)	Duty Cycle Correction (dB)	Corrected PPSD (dBm /500k Hz)
Bottom	-8.9	0.4	-8.5	-9.9	0.4	-9.5
Top	-9.3	0.4	-8.9	-10.0	0.4	-9.6

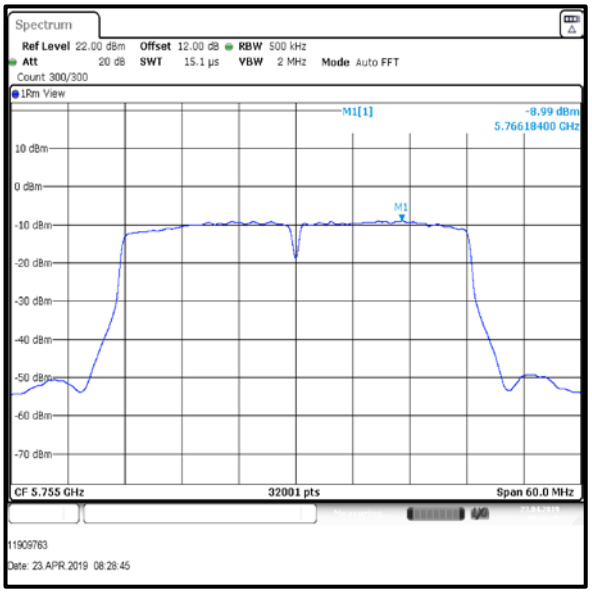
Channel	Port 3			Port 4		
	PPSD (dBm /500kHz)	Duty Cycle Correction (dB)	Corrected PPSD (dBm /500kHz)	PPSD (dBm /500kHz)	Duty Cycle Correction (dB)	Corrected PPSD (dBm /500kHz)
Bottom	-9.4	0.4	-9.0	-10.9	0.4	-10.5
Top	-9.8	0.4	-9.4	-10.7	0.4	-10.3

Channel	Corrected PPSD Port 1 (dBm/500 kHz)	Corrected PPSD Port 2 (dBm/500 kHz)	Corrected PPSD Port 3 (dBm/500 kHz)	Corrected PPSD Port 4 (dBm/500 kHz)	Combined PPSD (dBm/500 kHz)	Limit (dBm/500kHz)	Margin (dB)	Result
Bottom	-8.5	-9.5	-9.0	-10.5	-3.3	20.9	24.2	Complied
Top	-8.9	-9.6	-9.4	-10.3	-3.5	20.9	24.4	Complied

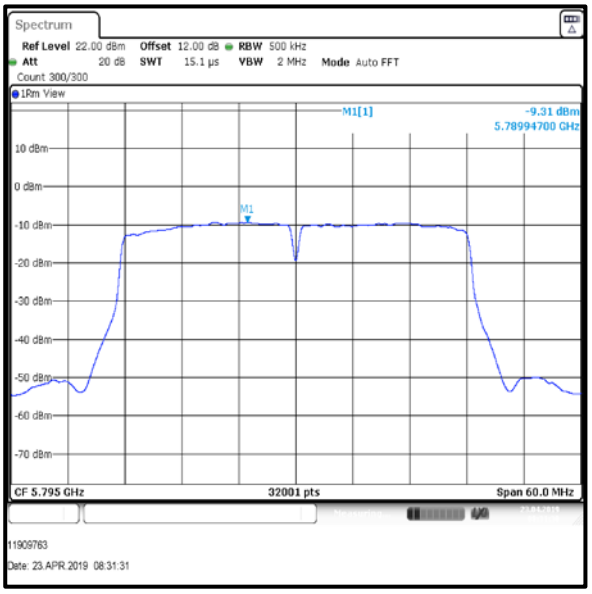
Result: Pass

Transmitter Maximum Power Spectral Density (continued)

Results: 802.11n / HT40 / MCS0 / MIMO / Port 1 / PWL 16 / 9 dBi Antenna Group

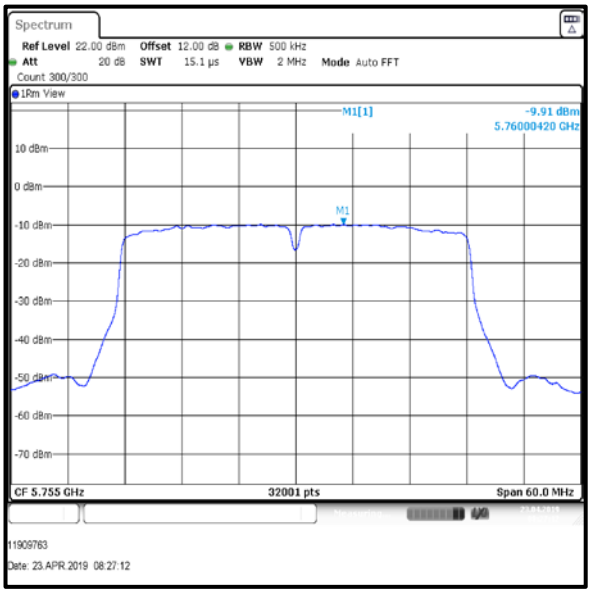


Bottom Channel

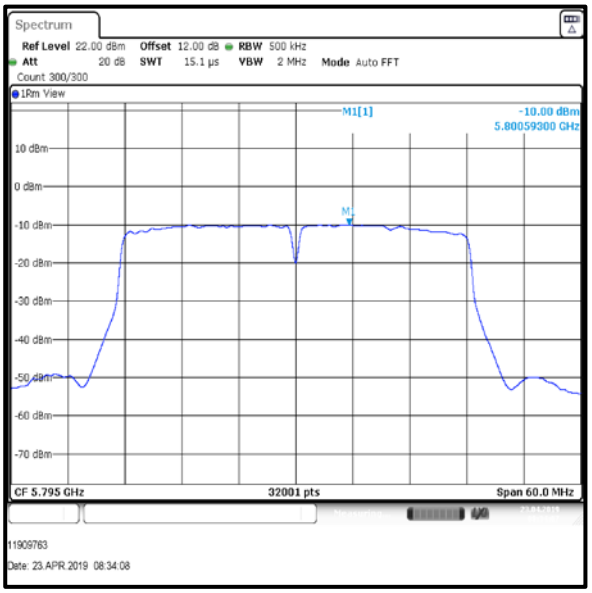


Top Channel

Results: 802.11n / HT40 / MCS0 / MIMO / Port 2 / PWL 16 / 9 dBi Antenna Group



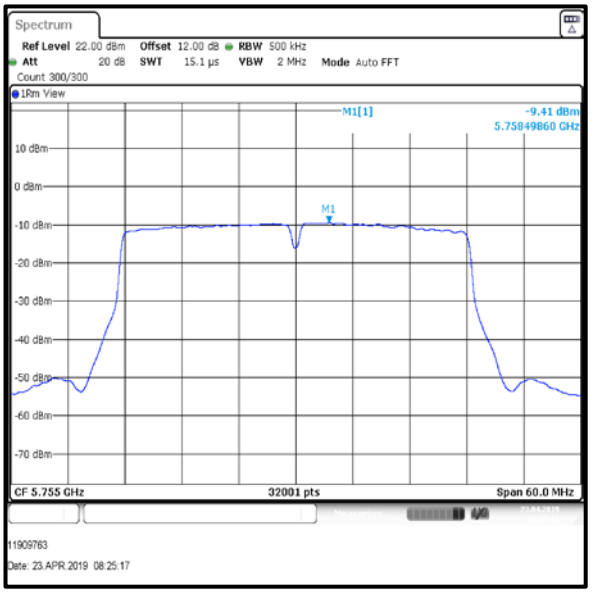
Bottom Channel



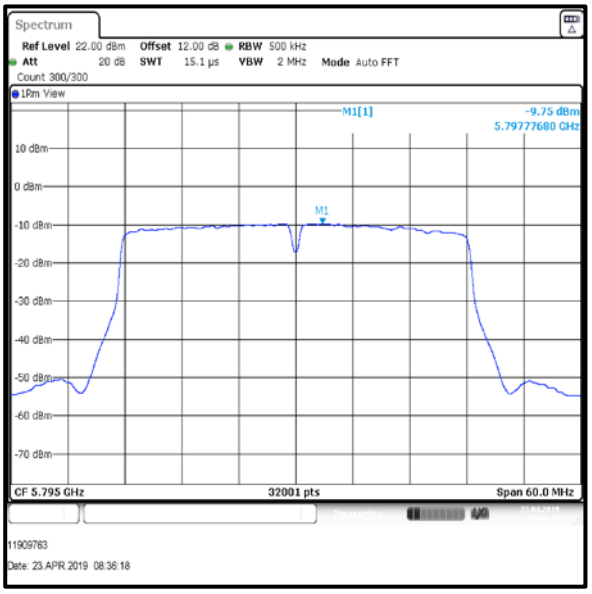
Top Channel

Transmitter Maximum Power Spectral Density (continued)

Results: 802.11n / HT40 / MCS0 / MIMO / Port 3 / PWL 16 / 9 dBi Antenna Group

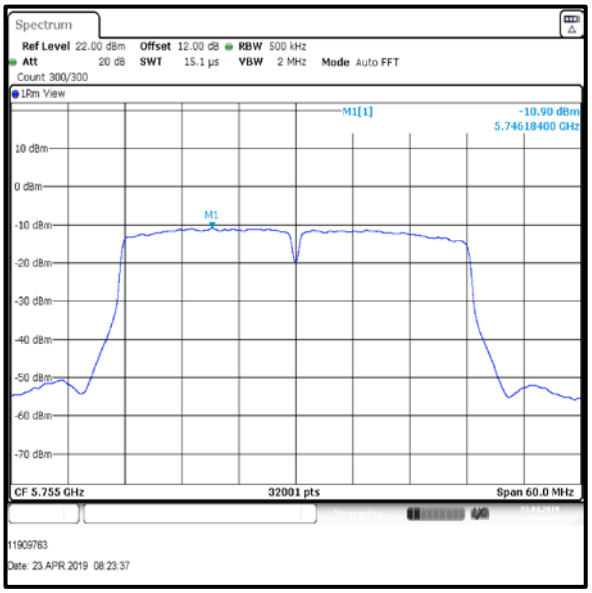


Bottom Channel

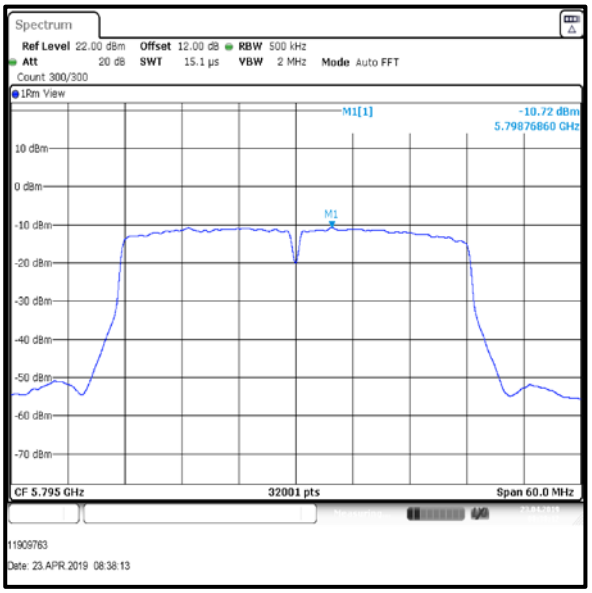


Top Channel

Results: 802.11n / HT40 / MCS0 / MIMO / Port 4 / PWL 16 / 9 dBi Antenna Group



Bottom Channel



Top Channel

Transmitter Maximum Power Spectral Density (continued)

Results: 802.11ac / HT40 / MCS0 / MIMO / Port 1+2+3+4 / PWL 16 / 9 dBi Antenna Group

Channel	Port 1			Port 2		
	PPSD (dBm /500k Hz)	Duty Cycle Correction (dB)	Corrected PPSD (dBm /500k Hz)	PPSD (dBm /500k Hz)	Duty Cycle Correction (dB)	Corrected PPSD (dBm /500k Hz)
Bottom	-9.7	0.4	-9.3	-10.2	0.4	-9.8
Top	-9.9	0.4	-9.5	-10.5	0.4	-10.1

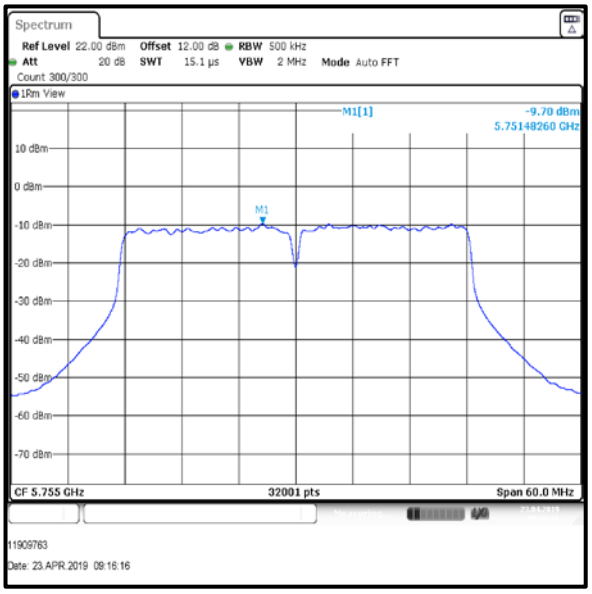
Channel	Port 3			Port 4		
	PPSD (dBm /500kHz)	Duty Cycle Correction (dB)	Corrected PPSD (dBm /500kHz)	PPSD (dBm /500kHz)	Duty Cycle Correction (dB)	Corrected PPSD (dBm /500kHz)
Bottom	-10.6	0.4	-10.2	-12.4	0.4	-12.0
Top	-10.9	0.4	-10.5	-12.9	0.4	-12.5

Channel	Corrected PPSD Port 1 (dBm/500 kHz)	Corrected PPSD Port 2 (dBm/500 kHz)	Corrected PPSD Port 3 (dBm/500 kHz)	Corrected PPSD Port 4 (dBm/500 kHz)	Combined PPSD (dBm/500 kHz)	Limit (dBm/500kHz)	Margin (dB)	Result
Bottom	-9.3	-9.8	-10.2	-12.0	-4.2	20.9	25.1	Complied
Top	-9.5	-10.1	-10.5	-12.5	-4.5	20.9	25.4	Complied

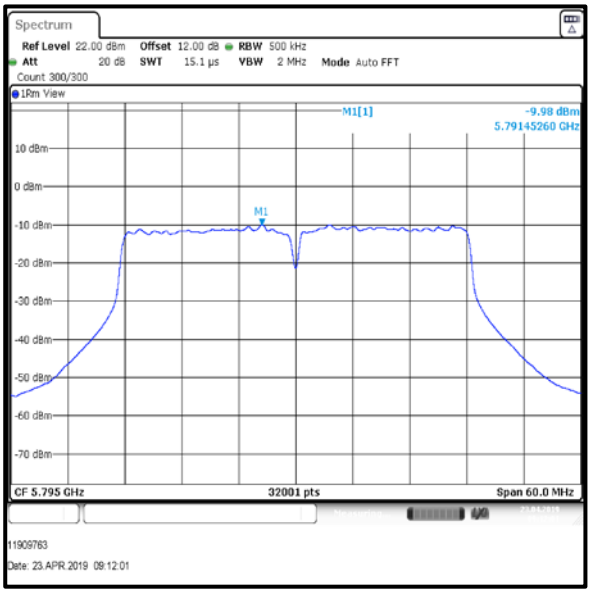
Result: Pass

Transmitter Maximum Power Spectral Density (continued)

Results: 802.11ac / HT40 / MCS0 / MIMO / Port 1 / PWL 16 / 9 dBi Antenna Group

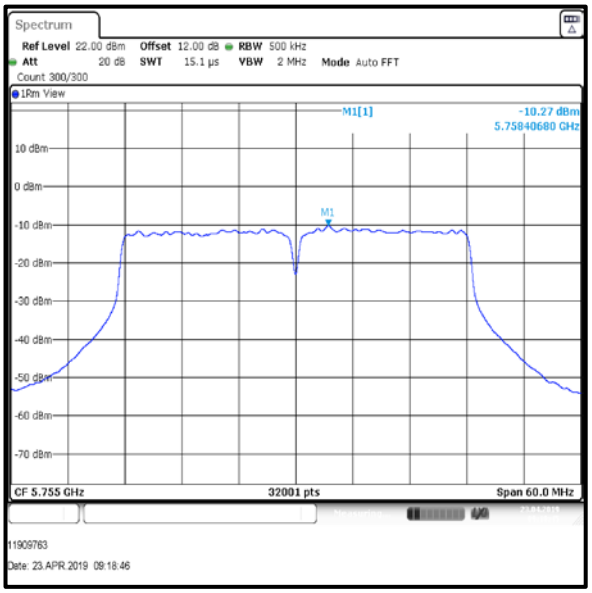


Bottom Channel

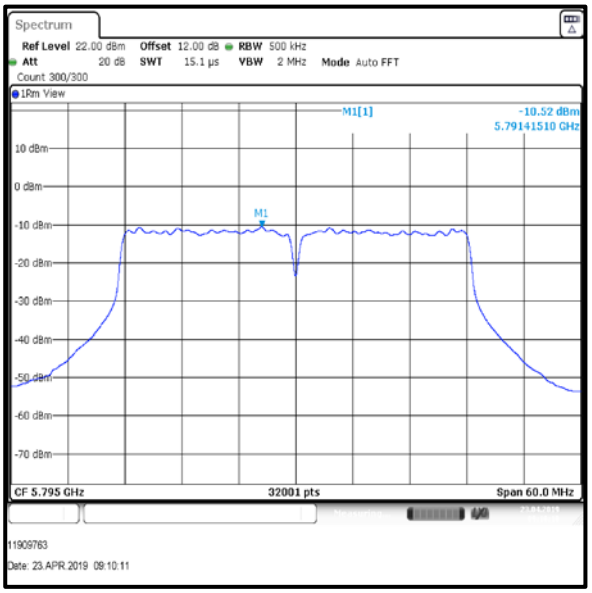


Top Channel

Results: 802.11ac / HT40 / MCS0 / MIMO / Port 2 / PWL 16 / 9 dBi Antenna Group



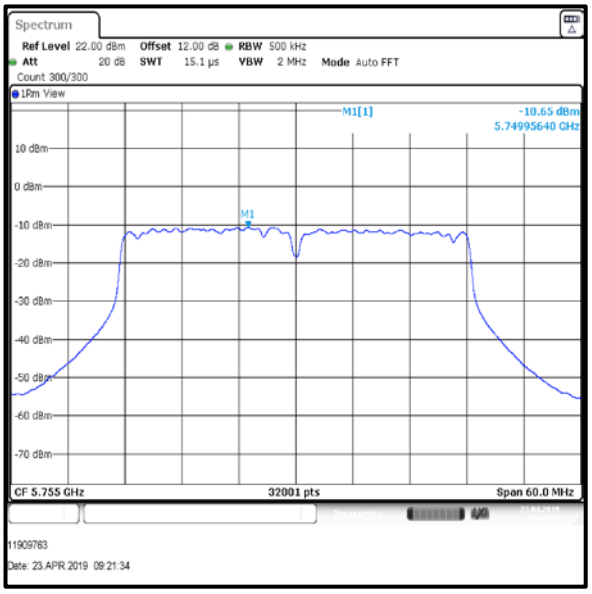
Bottom Channel



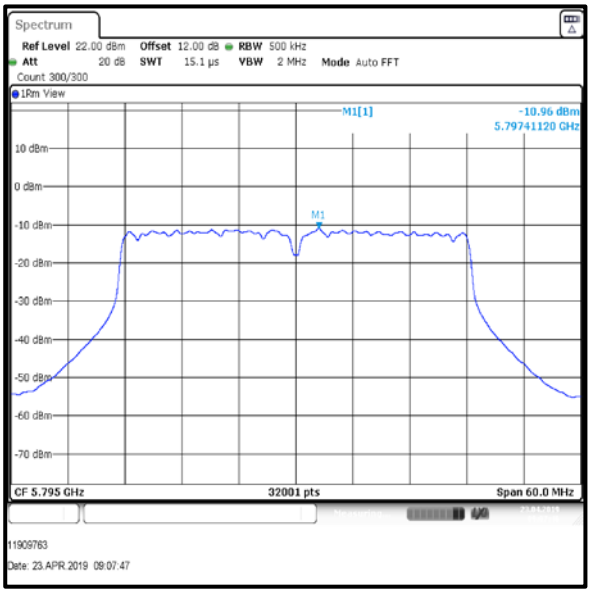
Top Channel

Transmitter Maximum Power Spectral Density (continued)

Results: 802.11ac / HT40 / MCS0 / MIMO / Port 3 / PWL 16 / 9 dBi Antenna Group

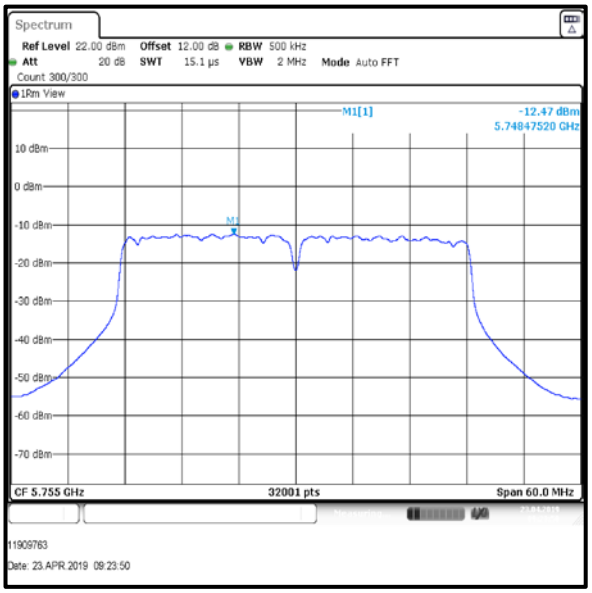


Bottom Channel

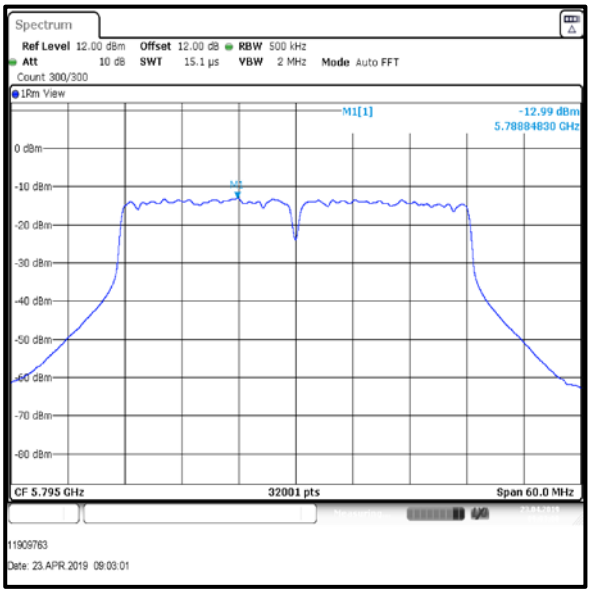


Top Channel

Results: 802.11ac / HT40 / MCS0 / MIMO / Port 4 / PWL 16 / 9 dBi Antenna Group



Bottom Channel



Top Channel

Transmitter Maximum Power Spectral Density (continued)

Results: 802.11ac / HT80 / MCS0 / MIMO / Port 1+2+3+4 / PWL 16 / 9 dBi Antenna Group

Channel	Port 1			Port 2		
	PPSD (dBm /500k Hz)	Duty Cycle Correction (dB)	Corrected PPSD (dBm /500k Hz)	PPSD (dBm /500k Hz)	Duty Cycle Correction (dB)	Corrected PPSD (dBm /500k Hz)
Single	-14.0	0.5	-13.5	-14.0	0.5	-13.5

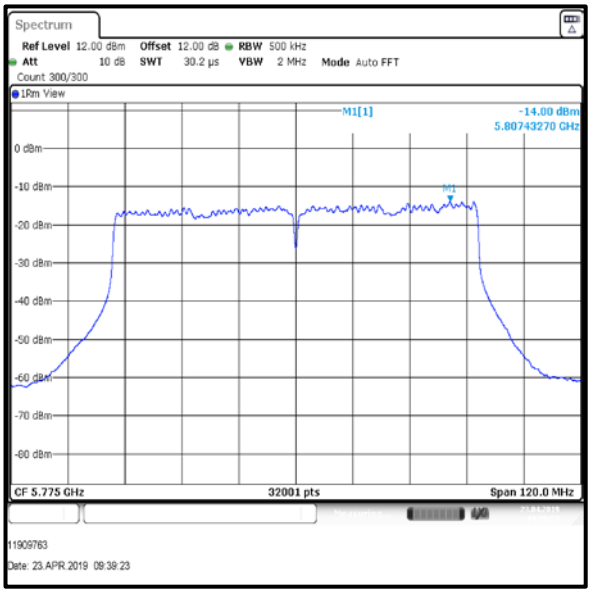
Channel	Port 3			Port 4		
	PPSD (dBm /500kHz)	Duty Cycle Correction (dB)	Corrected PPSD (dBm /500kHz)	PPSD (dBm /500kHz)	Duty Cycle Correction (dB)	Corrected PPSD (dBm /500kHz)
Single	-13.6	0.5	-13.1	-16.3	0.5	-15.8

Channel	Corrected PPSD Port 1 (dBm/500 kHz)	Corrected PPSD Port 2 (dBm/500 kHz)	Corrected PPSD Port 3 (dBm/500 kHz)	Corrected PPSD Port 4 (dBm/500 kHz)	Combined PPSD (dBm/500 kHz)	Limit (dBm/500kHz)	Margin (dB)	Result
Single	-13.5	-13.5	-13.1	-15.8	-7.8	20.9	28.7	Complied

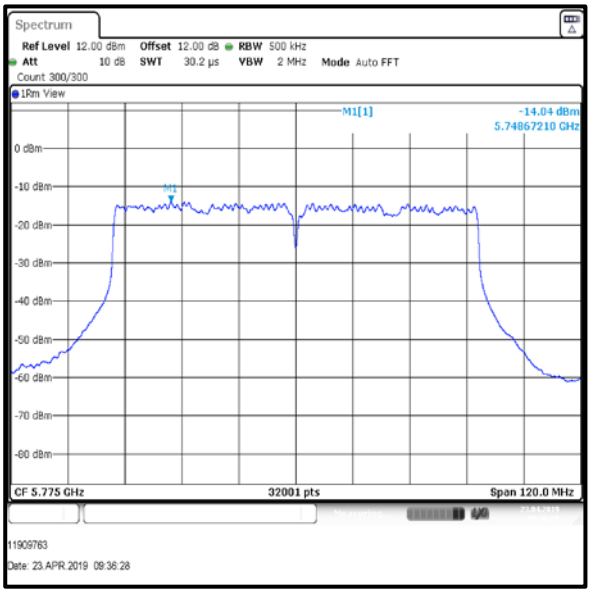
Result: Pass

Transmitter Maximum Power Spectral Density (continued)

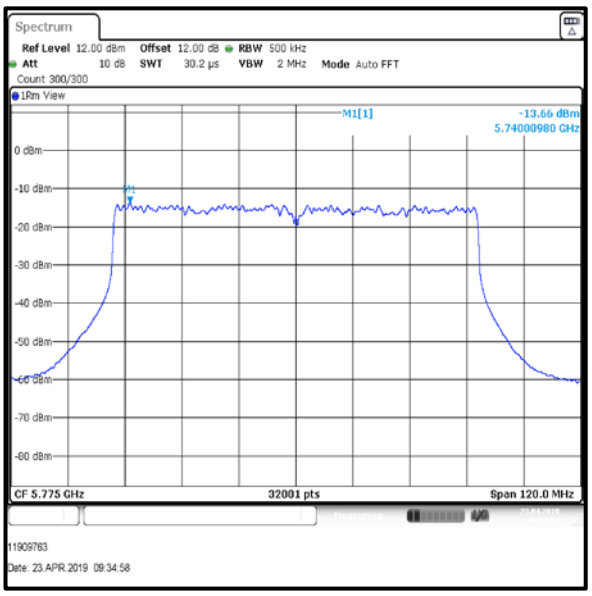
Results: 802.11ac / HT80 / MCS0 / MIMO / Port 1+2+3+4 / PWL 16 / 9 dBi Antenna Group



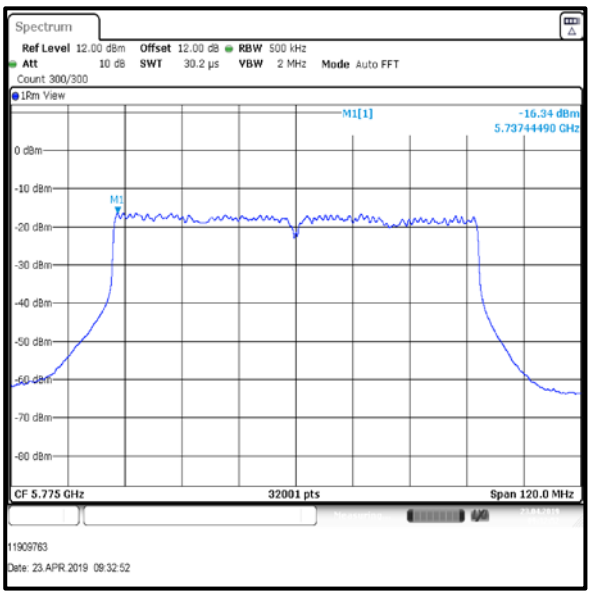
Single Channel Port 1



Single Channel Port 2



Single Channel Port 3



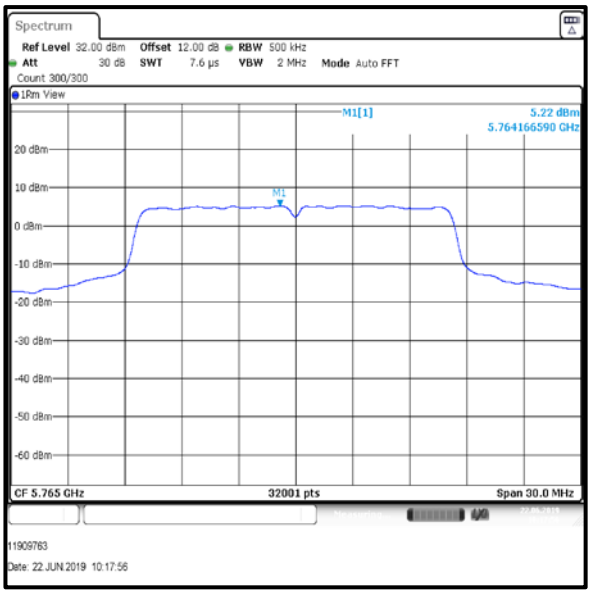
Single Channel Port 4

Transmitter Maximum Power Spectral Density (continued)

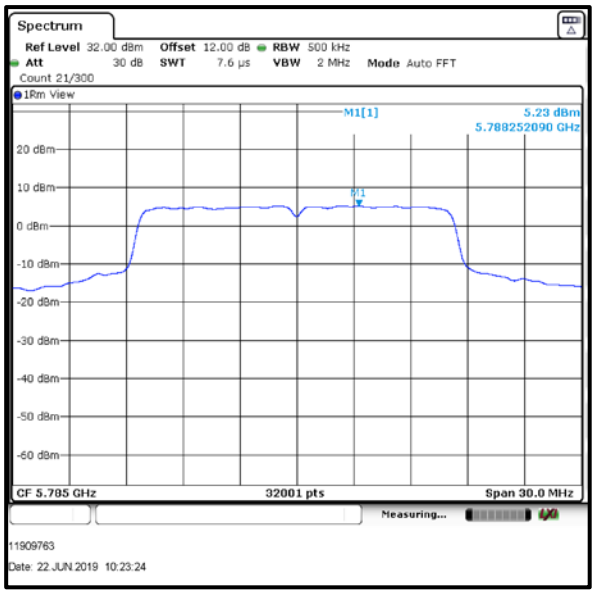
23 dBi Antenna Group

Results: 802.11a / 20 MHz / 6 Mbps / SISO / Port 1 / PWL 26 / 23 dBi Antenna Group

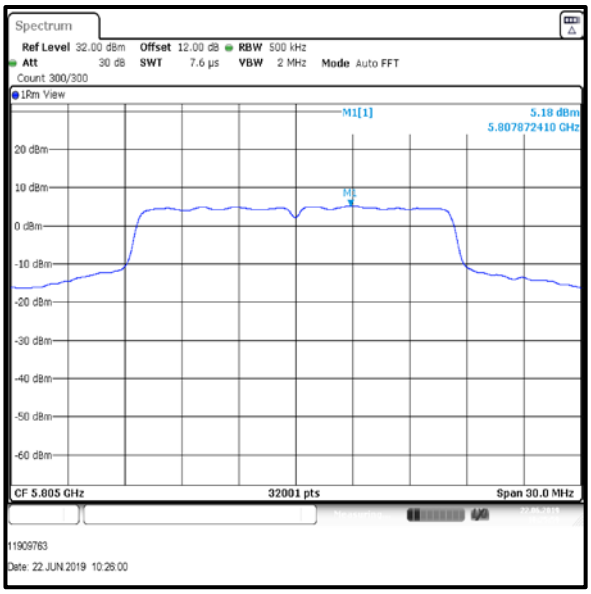
Channel	PPSD (dBm / 500 kHz)	Duty cycle correction (dB)	Corrected PPSD (dBm / 500 kHz)	Limit (dBm / 500 kHz)	Margin (dB)	Result
Bottom +1	5.2	0.3	5.5	21.8	16.3	Complied
Middle	5.2	0.3	5.5	21.8	16.3	Complied
Top -1	5.2	0.3	5.5	21.8	16.3	Complied



Bottom +1 Channel



Middle Channel



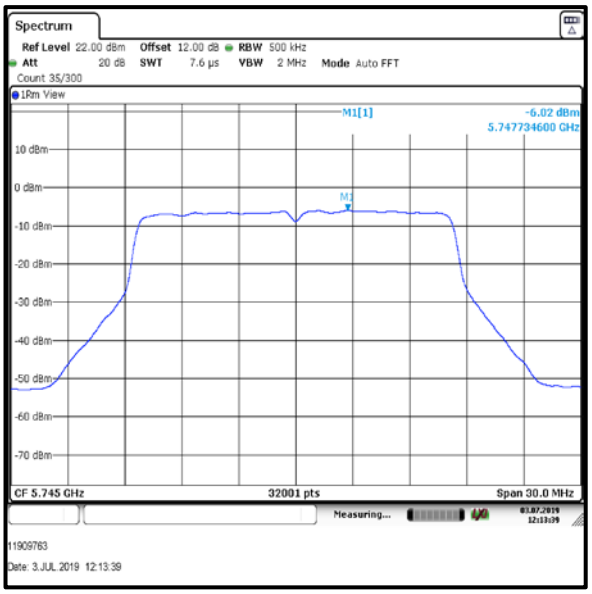
Top -1 Channel

Result: Pass

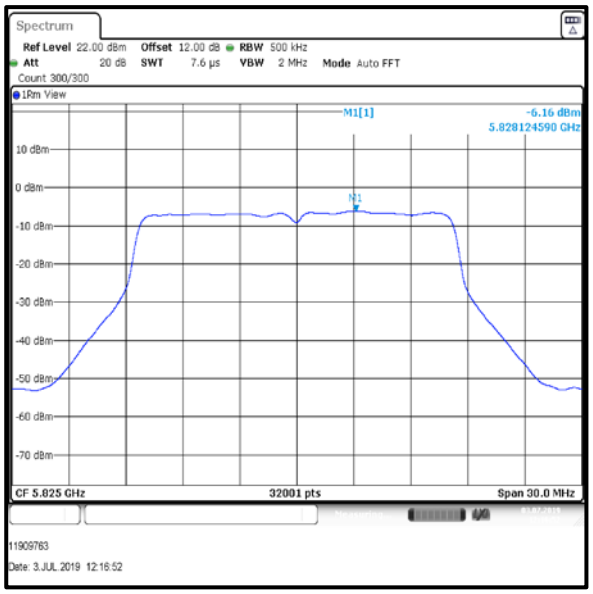
Transmitter Maximum Power Spectral Density (continued)

Results: 802.11a / 20 MHz / 6 Mbps / SISO / Port 1 / PWL 11 / 23 dBi Antenna Group

Channel	PPSD (dBm / 500 kHz)	Duty cycle correction (dB)	Corrected PPSD (dBm / 500 kHz)	Limit (dBm / 500 kHz)	Margin (dB)	Result
Bottom	-6.0	0.3	-5.7	21.8	27.5	Complied
Top	-6.1	0.3	-5.8	21.8	27.6	Complied



Bottom Channel



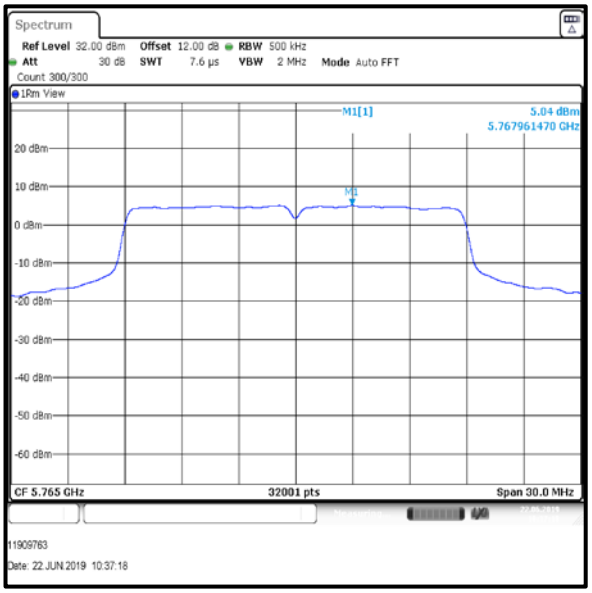
Top Channel

Result: Pass

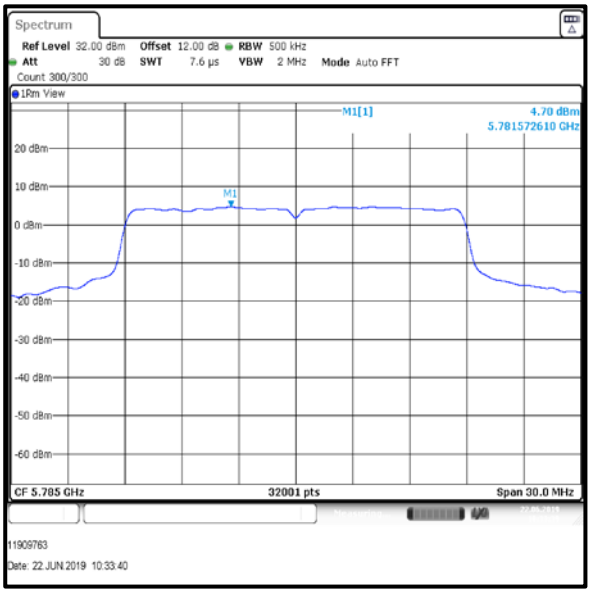
Transmitter Maximum Power Spectral Density (continued)

Results: 802.11n / 20 MHz / MCS0 / SISO / Port 1 / PWL 26 / 23 dBi Antenna Group

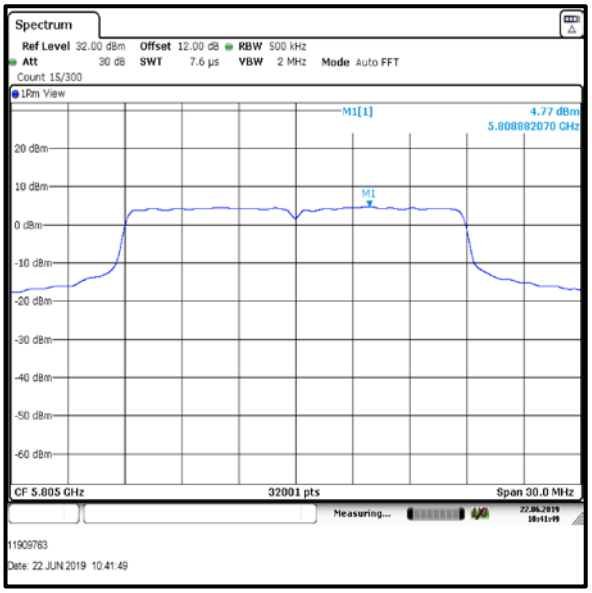
Channel	PPSD (dBm / 500 kHz)	Duty cycle correction (dB)	Corrected PPSD (dBm / 500 kHz)	Limit (dBm / 500 kHz)	Margin (dB)	Result
Bottom +1	5.0	0.5	5.5	21.8	16.3	Complied
Middle	4.7	0.5	5.2	21.8	16.6	Complied
Top -1	4.8	0.5	5.3	21.8	16.5	Complied



Bottom +1 Channel



Middle Channel



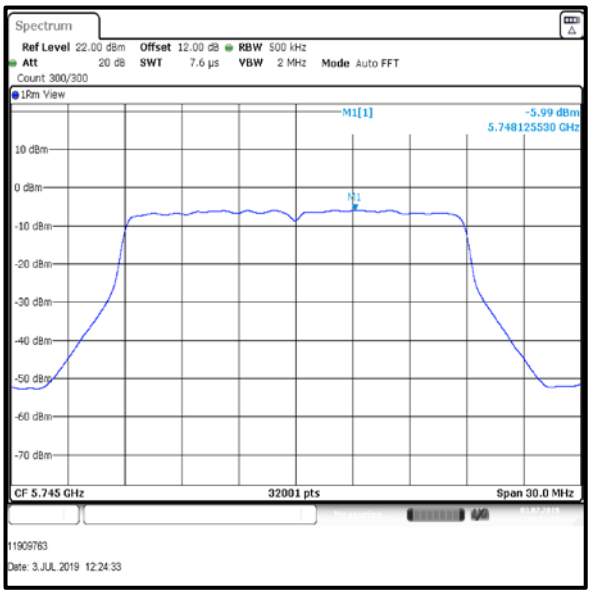
Top -1 Channel

Result: Pass

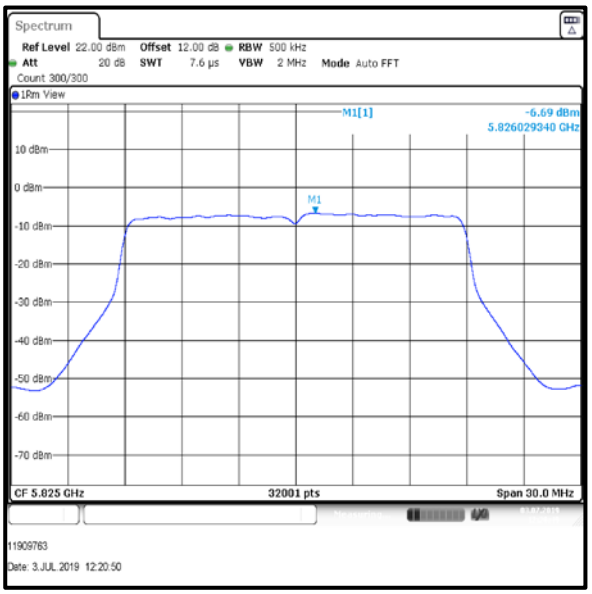
Transmitter Maximum Power Spectral Density (continued)

Results: 802.11n / 20 MHz / MCS0 / SISO / Port 1 / PWL 11 / 23 dBi Antenna Group

Channel	PPSD (dBm / 500 kHz)	Duty cycle correction (dB)	Corrected PPSD (dBm / 500 kHz)	Limit (dBm / 500 kHz)	Margin (dB)	Result
Bottom	-5.9	0.5	-5.4	21.8	27.2	Complied
Top	-6.6	0.5	-6.1	21.8	27.9	Complied



Bottom Channel



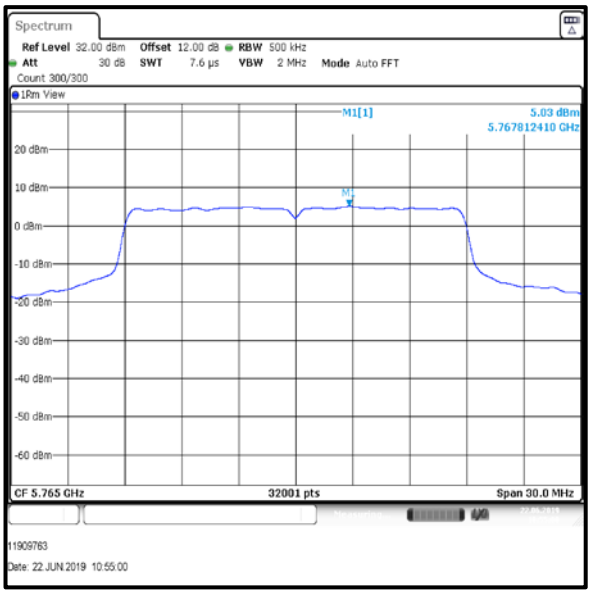
Top Channel

Result: Pass

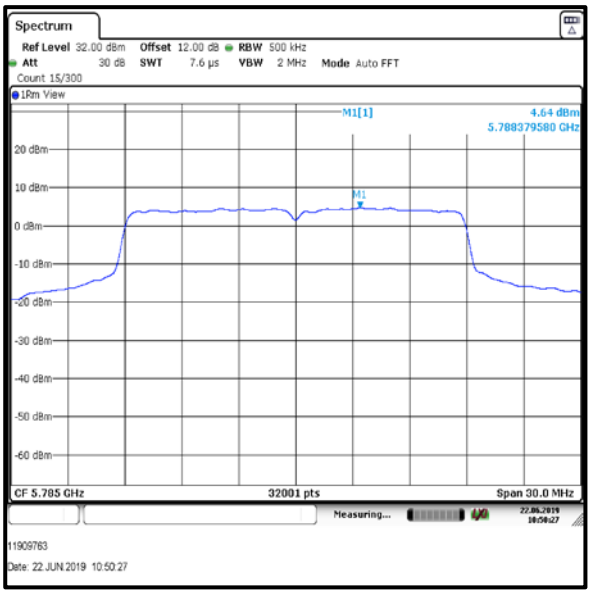
Transmitter Maximum Power Spectral Density (continued)

Results: 802.11ac / 20 MHz / MCS0 / SISO / Port 1 / PWL 26 / 23 dBi Antenna Group

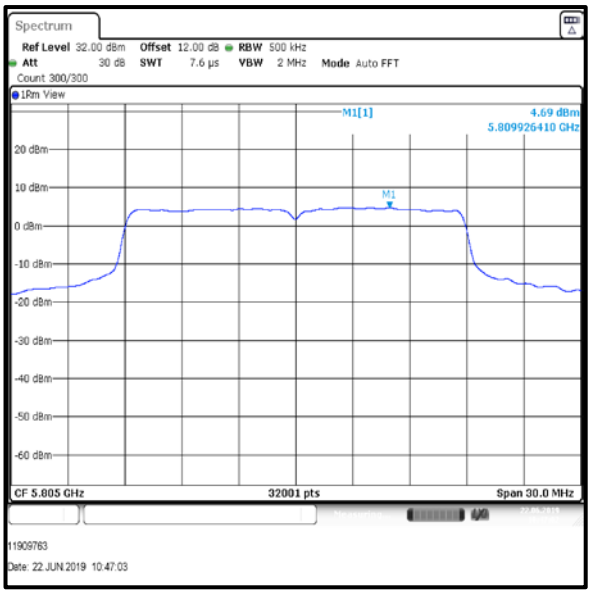
Channel	PPSD (dBm / 500 kHz)	Duty cycle correction (dB)	Corrected PPSD (dBm / 500 kHz)	Limit (dBm / 500 kHz)	Margin (dB)	Result
Bottom +1	5.0	0.4	5.4	21.8	16.4	Complied
Middle	4.6	0.4	5.0	21.8	16.8	Complied
Top -1	4.7	0.4	5.1	21.8	16.7	Complied



Bottom +1 Channel



Middle Channel



Top -1 Channel

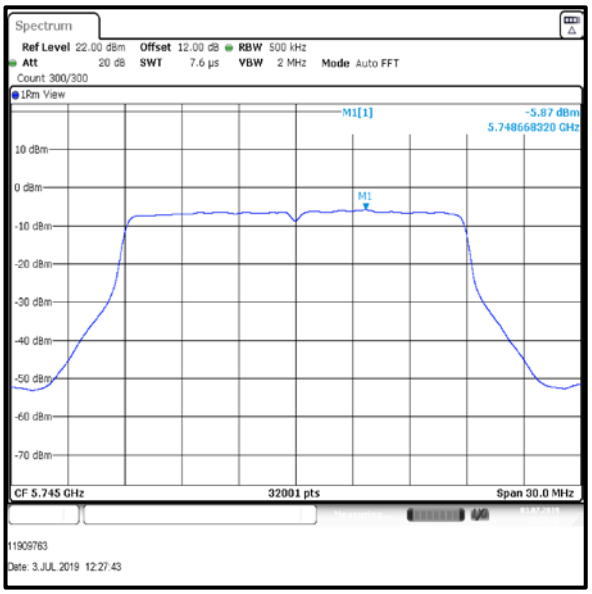
Result: Pass

Transmitter Maximum Power Spectral Density (continued)

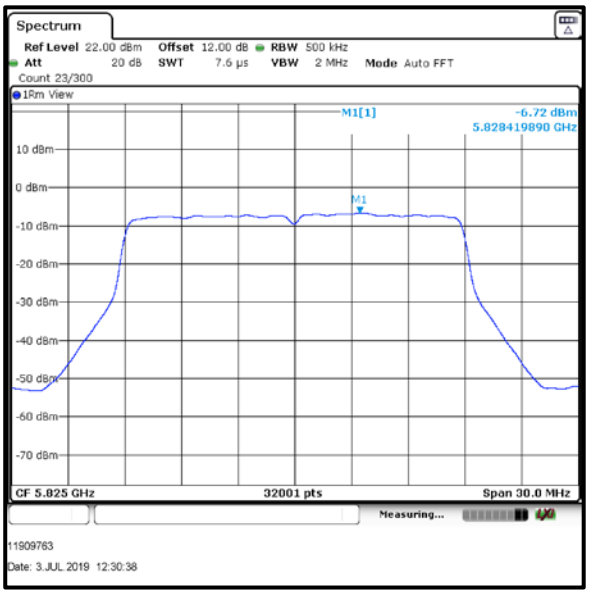
Results: 802.11ac / 20 MHz / MCS0 / SISO / Port 1 / PWL 11 / 23 dBi Antenna Group

Channel	PPSD (dBm / 500 kHz)	Duty cycle correction (dB)	Corrected PPSD (dBm / 500 kHz)	Limit (dBm / 500 kHz)	Margin (dB)	Result
Bottom	-5.8	0.4	-5.4	21.8	27.2	Complied
Top	-6.7	0.4	-6.3	21.8	28.1	Complied

Result: Pass



Bottom Channel



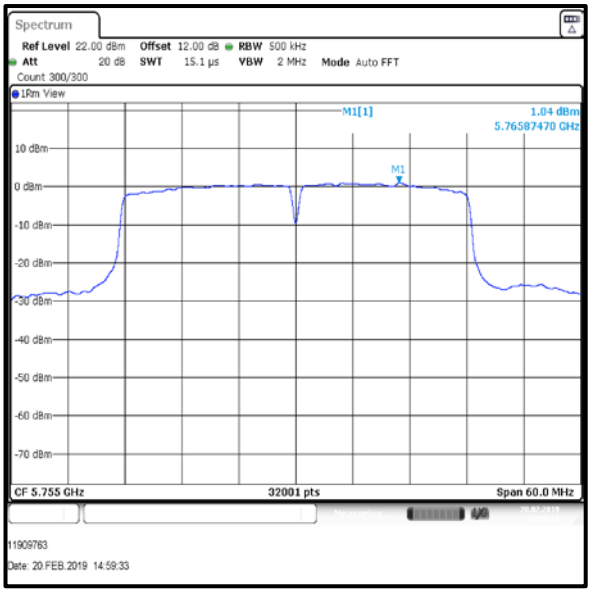
Top Channel

Transmitter Maximum Power Spectral Density (continued)

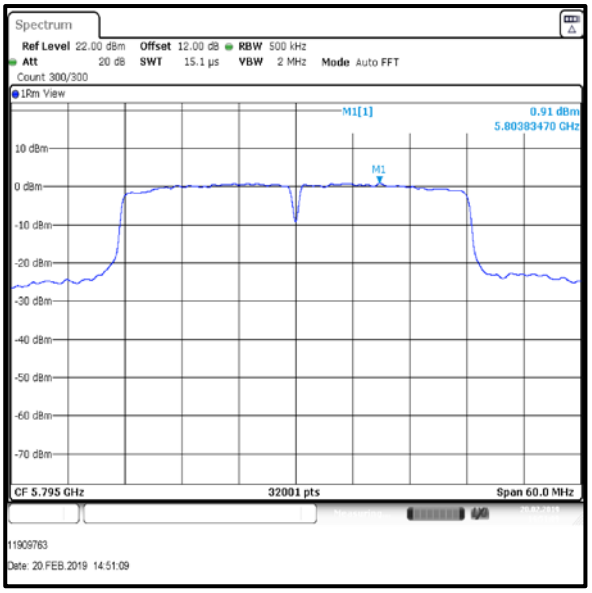
Results: 802.11n / HT40 / MCS0 / SISO / Port 1 / PWL 26 / 23 dBi Antenna Group

Channel	PPSD (dBm / 500 kHz)	Duty cycle correction (dB)	Corrected PPSD (dBm / 500 kHz)	Limit (dBm / 500 kHz)	Margin (dB)	Result
Bottom	1.0	0.4	1.4	21.8	20.4	Complied
Top	0.9	0.4	1.3	21.8	20.5	Complied

Result: Pass



Bottom Channel



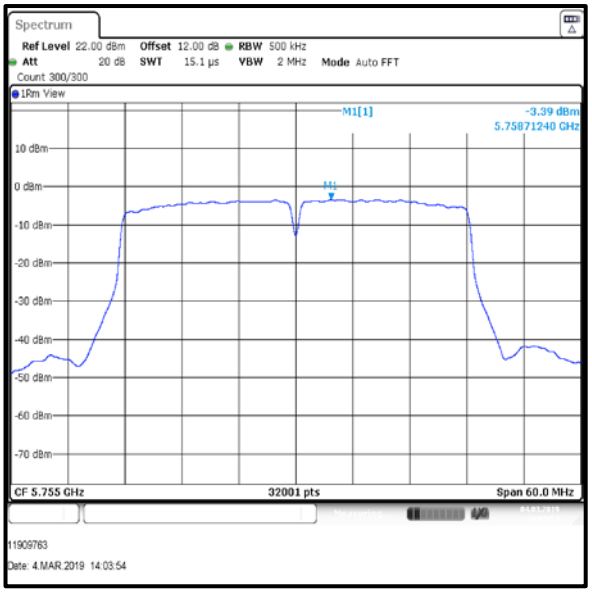
Top Channel

Transmitter Maximum Power Spectral Density (continued)

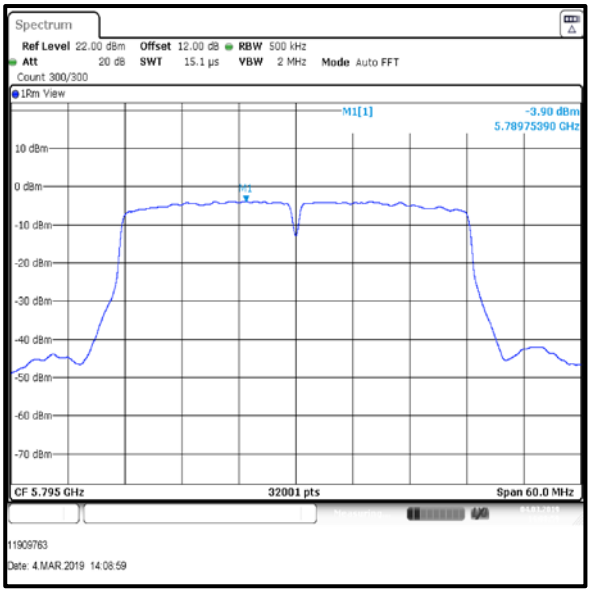
Results: 802.11ac / HT40 / MCS0 / SISO / Port 1 / PWL 26 / 23 dBi Antenna Group

Channel	PPSD (dBm / 500 kHz)	Duty cycle correction (dB)	Corrected PPSD (dBm / 500 kHz)	Limit (dBm / 500 kHz)	Margin (dB)	Result
Bottom	-3.4	0.4	-3.0	21.8	24.8	Complied
Top	-3.9	0.4	-3.5	21.8	25.3	Complied

Result: Pass



Bottom Channel



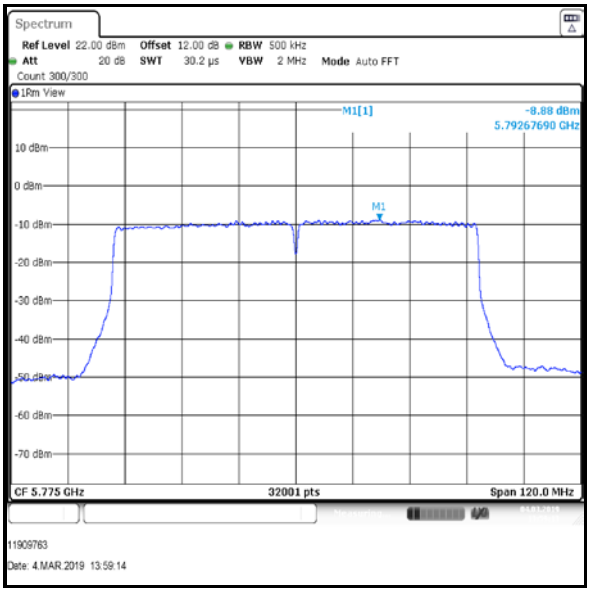
Top Channel

Transmitter Maximum Power Spectral Density (continued)

Results: 802.11ac / HT80 / MCS0 / SISO / Port 1 / PWL 11 / 23 dBi Antenna Group

Channel	PPSD (dBm / 500 kHz)	Duty cycle correction (dB)	Corrected PPSD (dBm / 500 kHz)	Limit (dBm / 500 kHz)	Margin (dB)	Result
Single	-8.9	0.5	-8.4	21.8	30.2	Complied

Result: Pass



Single Channel

Transmitter Maximum Power Spectral Density (continued)

Results: 802.11a / 20 MHz / 6 Mbps / MIMO / Port 1+2 / PWL 19 / 23 dBi Antenna Group

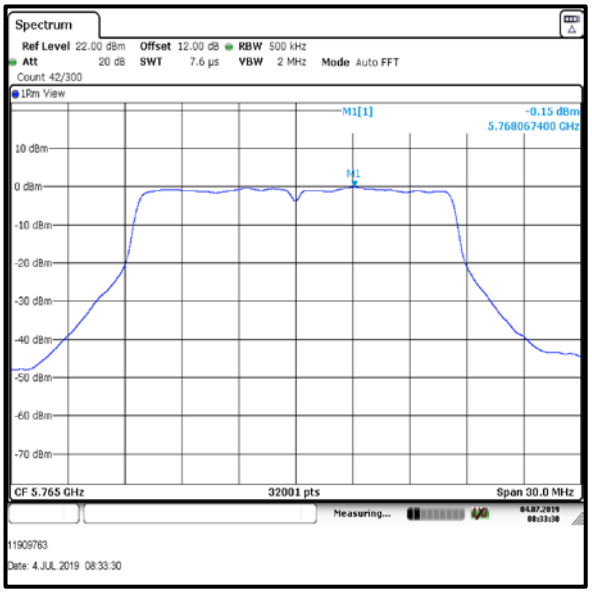
Channel	Port 1			Port 2		
	PPSD (dBm/500 kHz)	Duty Cycle Correction (dB)	Corrected PPSD (dBm/500 kHz)	PPSD (dBm/500 kHz)	Duty Cycle Correction (dB)	Corrected PPSD (dBm/500 kHz)
Bottom +1	-0.2	0.3	0.1	-0.2	0.3	0.1
Middle	-0.3	0.3	0.0	-0.1	0.3	0.2
Top -1	0.1	0.3	0.4	-0.2	0.3	0.1

Channel	Corrected PPSD Port 1 (dBm/500 kHz)	Corrected PPSD Port 2 (dBm/500 kHz)	Combined PPSD (dBm/500 kHz)	Limit (dBm/500kHz)	Margin (dB)	Result
Bottom +1	0.1	0.1	3.0	18.7	15.7	Complied
Middle	0.0	0.2	3.1	18.7	15.6	Complied
Top -1	0.4	0.1	3.3	18.7	15.4	Complied

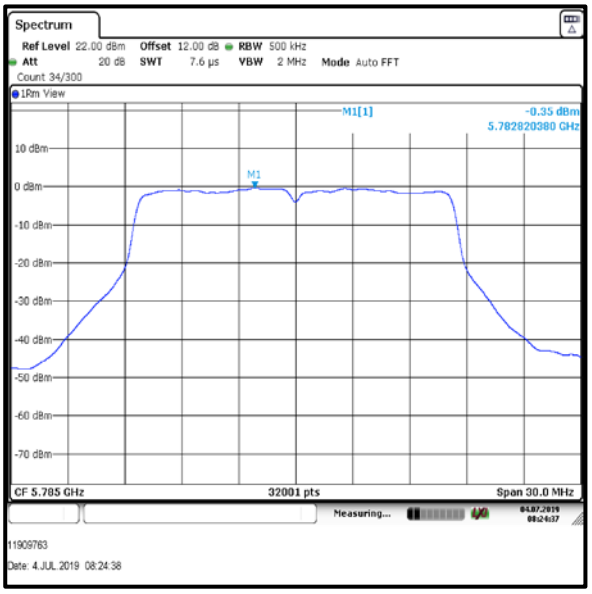
Result: Pass

Transmitter Maximum Power Spectral Density (continued)

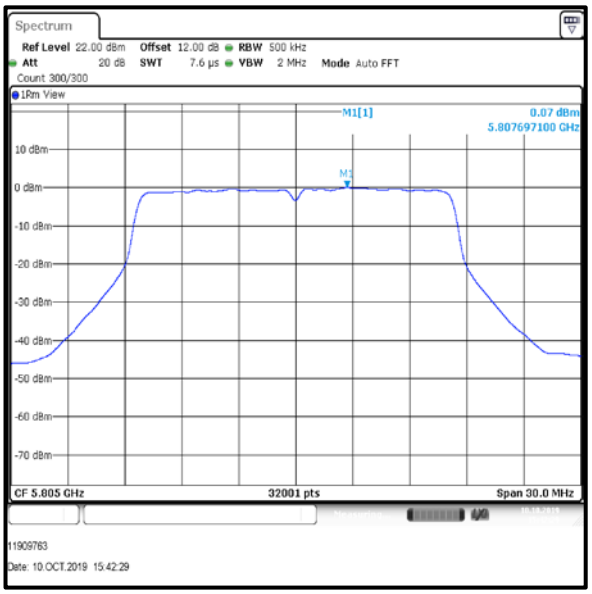
Results: 802.11a / 20 MHz / 6Mbps / MIMO / Port 1 / PWL 19 / 23 dBi Antenna Group



Bottom +1 Channel



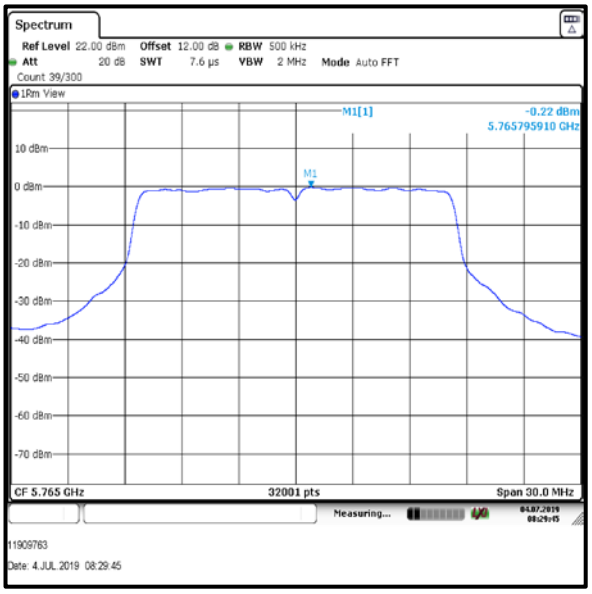
Middle Channel



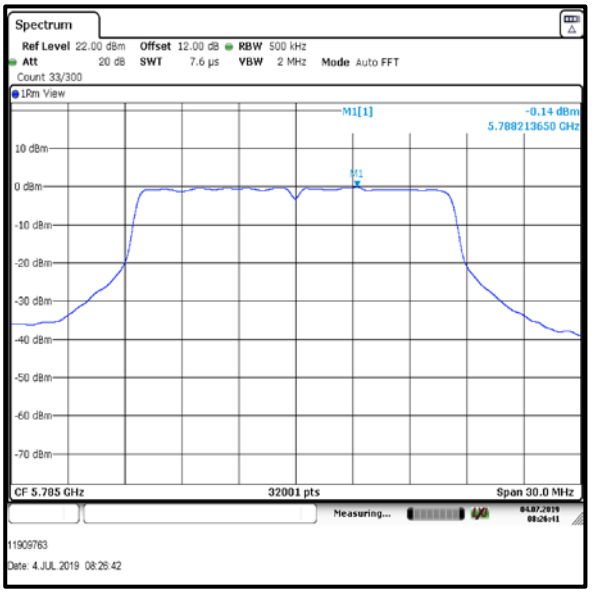
Top -1 Channel

Transmitter Maximum Power Spectral Density (continued)

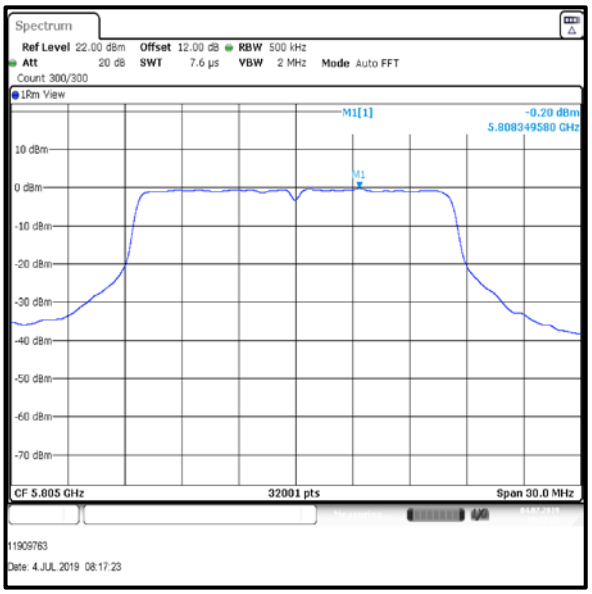
Results: 802.11a / 20 MHz / 6Mbps / MIMO / Port 2 / PWL 19 / 23 dBi Antenna Group



Bottom +1 Channel



Middle Channel



Top -1 Channel

Transmitter Maximum Power Spectral Density (continued)

Results: 802.11a / 20 MHz / 6 Mbps / MIMO / Port 1+2 / PWL 14 / 23 dBi Antenna Group

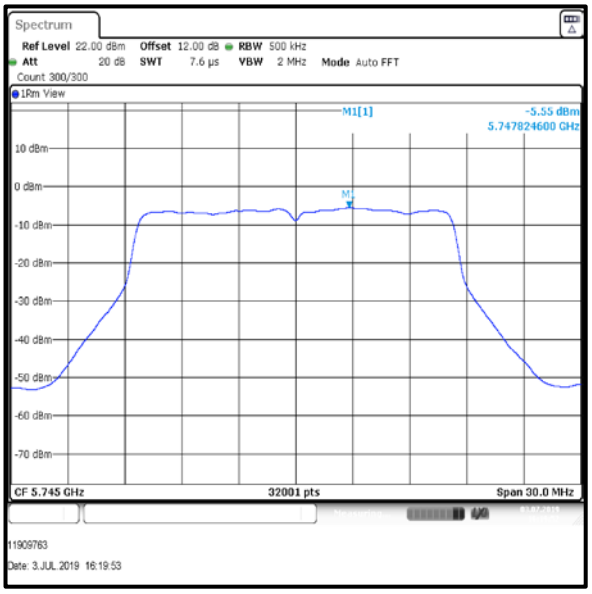
Channel	Port 1			Port 2		
	PPSD (dBm/500 kHz)	Duty Cycle Correction (dB)	Corrected PPSD (dBm/500 kHz)	PPSD (dBm/500 kHz)	Duty Cycle Correction (dB)	Corrected PPSD (dBm/500 kHz)
Bottom	-5.5	0.3	-5.2	-5.7	0.3	-5.4
Top	-6.2	0.3	-5.9	-5.8	0.3	-5.5

Channel	Corrected PPSD Port 1 (dBm/500 kHz)	Corrected PPSD Port 2 (dBm/500 kHz)	Combined PPSD (dBm/500 kHz)	Limit (dBm/500kHz)	Margin (dB)	Result
Bottom	-5.2	-5.4	-2.3	18.7	21	Complied
Top	-5.9	-5.5	-2.7	18.7	21.4	Complied

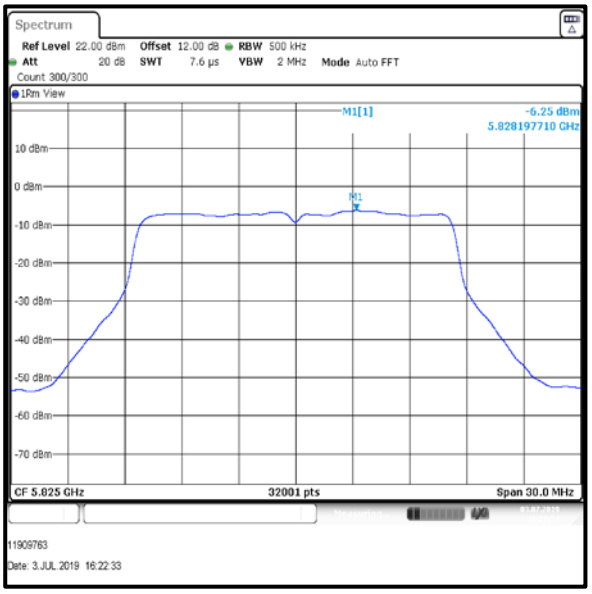
Result: Pass

Transmitter Maximum Power Spectral Density (continued)

Results: 802.11a / 20 MHz / 6 Mbps / MIMO / Port 1 / PWL 14 / 23 dBi Antenna Group

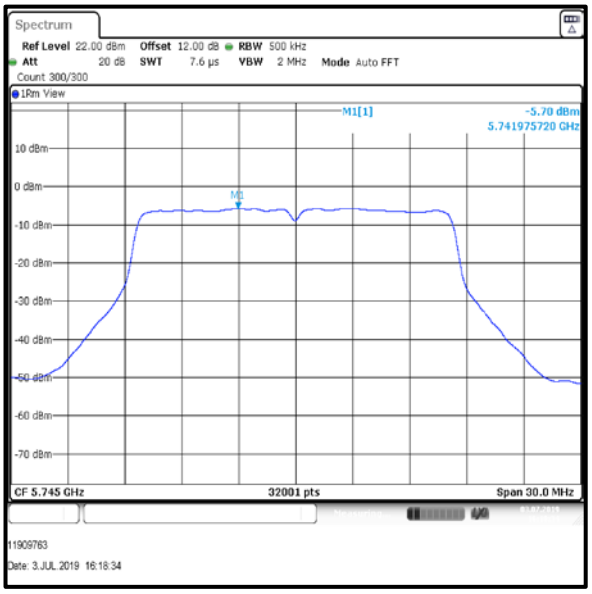


Bottom Channel

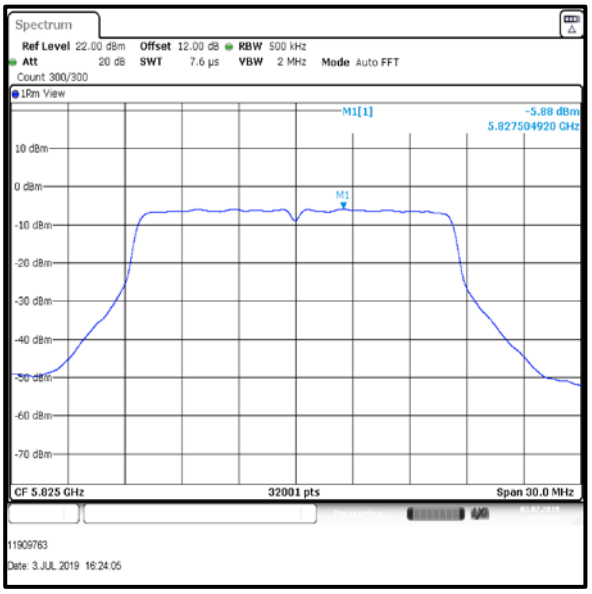


Top Channel

Results: 802.11a / 20 MHz / 6 Mbps / MIMO / Port 2 / PWL 14 / 23 dBi Antenna Group



Bottom Channel



Top Channel

Transmitter Maximum Power Spectral Density (continued)

Results: 802.11n / 20 MHz / MCS0 / MIMO / Port 1+2 / PWL 19 / 23 dBi Antenna Group

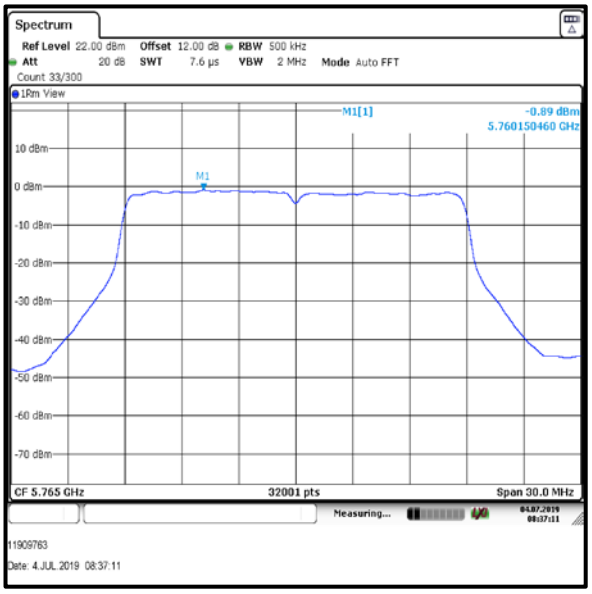
Channel	Port 1			Port 2		
	PPSD (dBm/500 kHz)	Duty Cycle Correction (dB)	Corrected PPSD (dBm/500 kHz)	PPSD (dBm/500 kHz)	Duty Cycle Correction (dB)	Corrected PPSD (dBm/500 kHz)
Bottom +1	-0.9	0.5	-0.4	-0.9	0.5	-0.4
Middle	-1.2	0.5	-0.7	-0.5	0.5	0.0
Top -1	-1.6	0.5	-1.1	-0.7	0.5	-0.2

Channel	Corrected PPSD Port 1 (dBm/500 kHz)	Corrected PPSD Port 2 (dBm/500 kHz)	Combined PPSD (dBm/500 kHz)	Limit (dBm/500kHz)	Margin (dB)	Result
Bottom +1	-0.4	-0.4	2.6	18.7	16.1	Complied
Middle	-0.7	0.0	2.7	18.7	16.0	Complied
Top -1	-1.1	-0.2	2.4	18.7	16.3	Complied

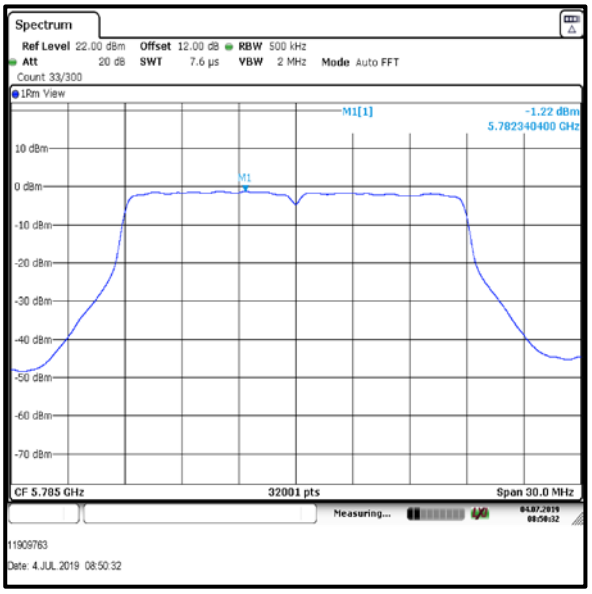
Result: Pass

Transmitter Maximum Power Spectral Density (continued)

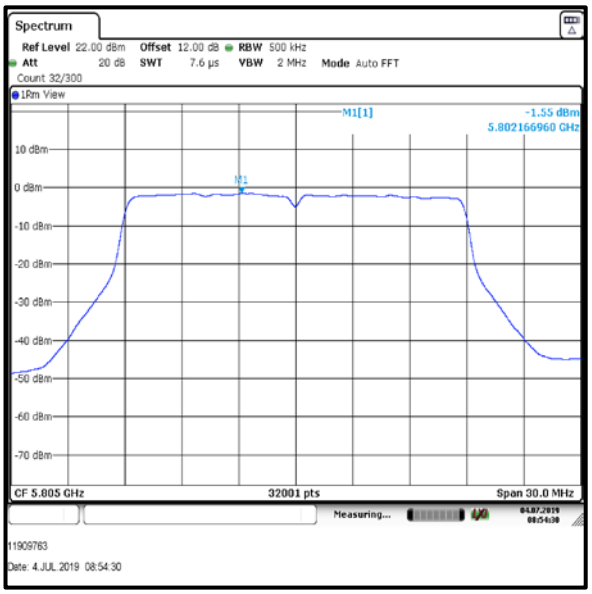
Results: 802.11n / 20 MHz / MCS0 / MIMO / Port 1 / PWL 19 / 23 dBi Antenna Group



Bottom +1 Channel



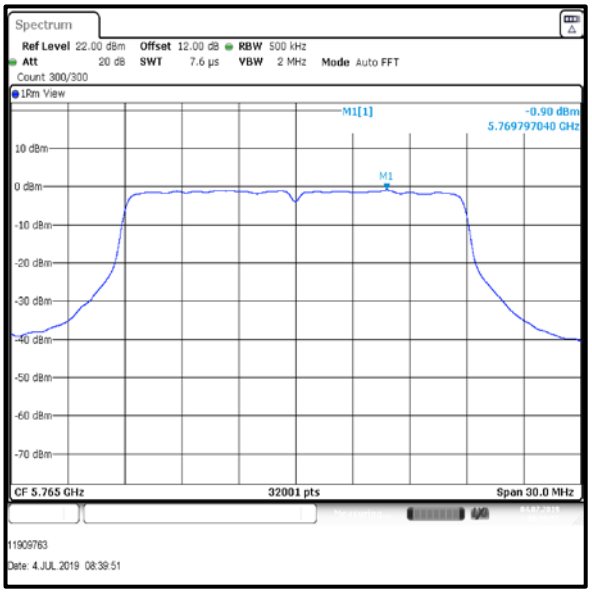
Middle Channel



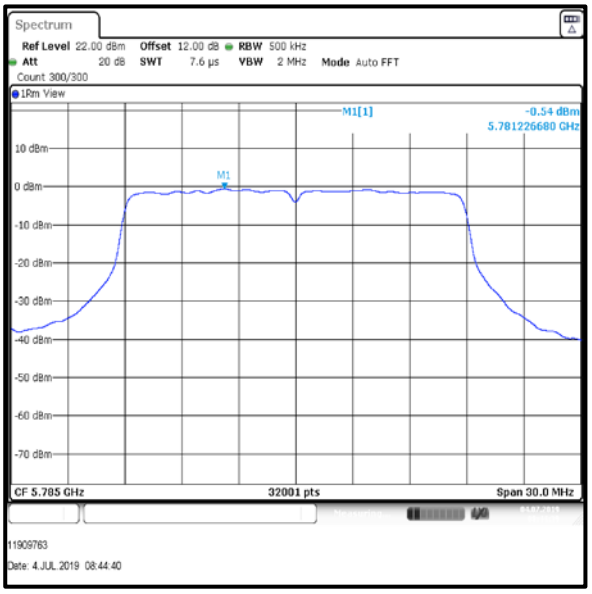
Top -1 Channel

Transmitter Maximum Power Spectral Density (continued)

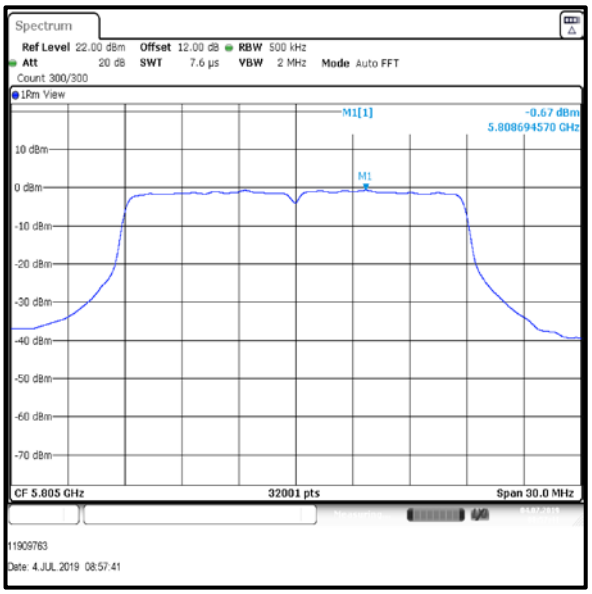
Results: 802.11n / 20 MHz / MCS0 / MIMO / Port 2 / PWL 19 / 23 dBi Antenna Group



Bottom +1 Channel



Middle Channel



Top -1 Channel

Transmitter Maximum Power Spectral Density (continued)

Results: 802.11n / 20 MHz / MCS0 / MIMO / Port 1+2 / PWL 14 / 23 dBi Antenna Group

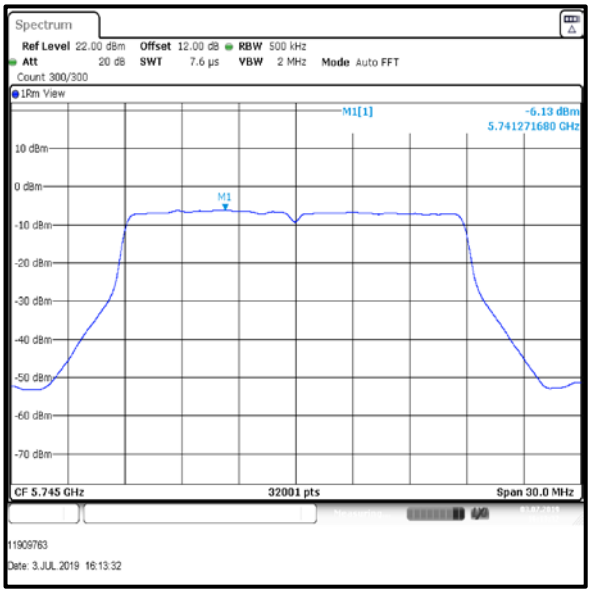
Channel	Port 1			Port 2		
	PPSD (dBm/500 kHz)	Duty Cycle Correction (dB)	Corrected PPSD (dBm/500 kHz)	PPSD (dBm/500 kHz)	Duty Cycle Correction (dB)	Corrected PPSD (dBm/500 kHz)
Bottom	-6.1	0.5	-5.6	-6.5	0.5	-6.0
Top	-6.8	0.5	-6.3	-6.3	0.5	-5.8

Channel	Corrected PPSD Port 1 (dBm/500 kHz)	Corrected PPSD Port 2 (dBm/500 kHz)	Combined PPSD (dBm/500 kHz)	Limit (dBm/500kHz)	Margin (dB)	Result
Bottom	-5.6	-6.0	-2.8	18.7	21.5	Complied
Top	-6.3	-5.8	-3.0	18.7	21.7	Complied

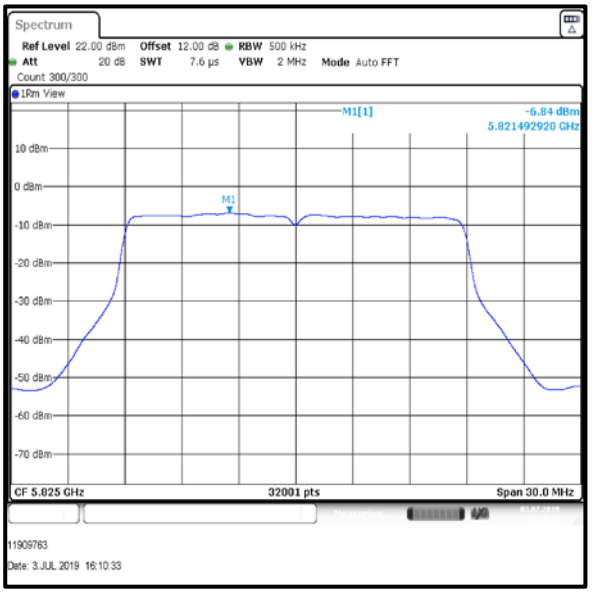
Result: Pass

Transmitter Maximum Power Spectral Density (continued)

Results: 802.11n / 20 MHz / MCS0 / MIMO / Port 1 / PWL 14 / 23 dBi Antenna Group

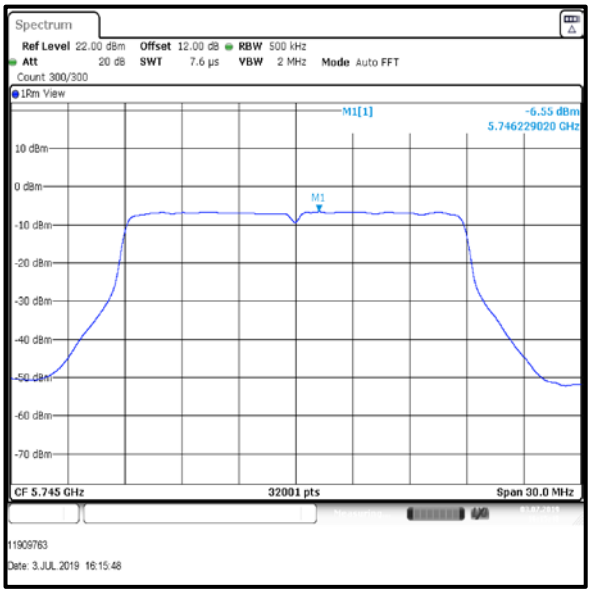


Bottom Channel

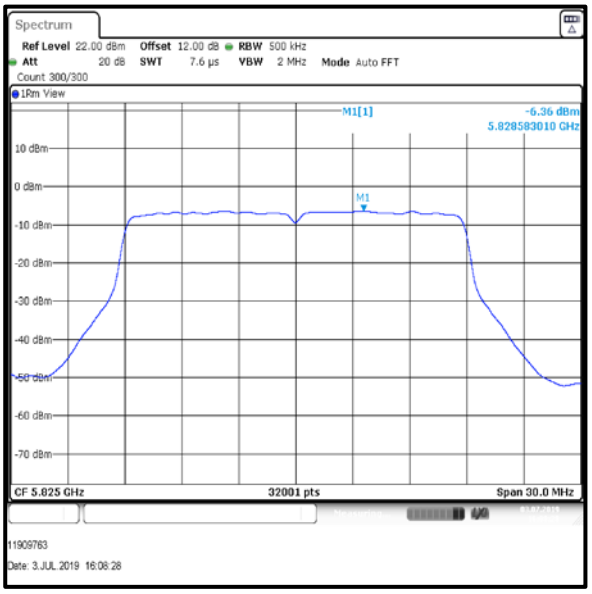


Top Channel

Results: 802.11n / 20 MHz / MCS0 / MIMO / Port 2 / PWL 14 / 23 dBi Antenna Group



Bottom Channel



Top Channel

Transmitter Maximum Power Spectral Density (continued)

Results: 802.11ac / 20 MHz / MCS0 / MIMO / Port 1+2 / PWL 19 / 23 dBi Antenna Group

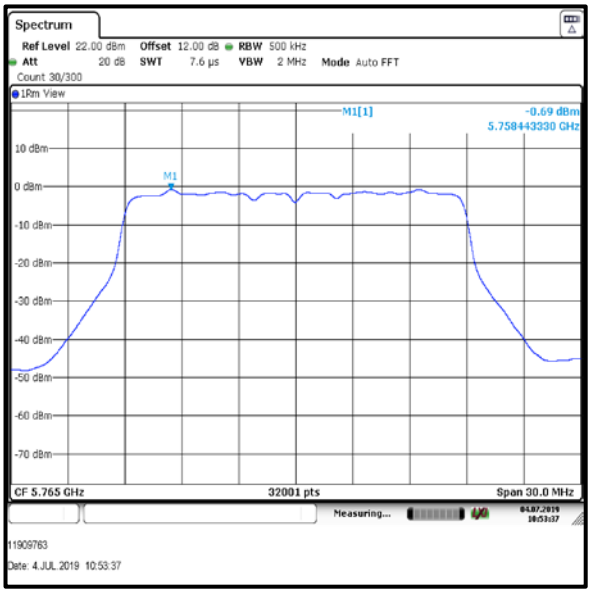
Channel	Port 1			Port 2		
	PPSD (dBm/500 kHz)	Duty Cycle Correction (dB)	Corrected PPSD (dBm/500 kHz)	PPSD (dBm/500 kHz)	Duty Cycle Correction (dB)	Corrected PPSD (dBm/500 kHz)
Bottom +1	-0.6	0.4	-0.2	-0.2	0.4	0.2
Middle	-1.1	0.4	-0.7	0.0	0.4	0.4
Top -1	-1.0	0.4	-0.6	-0.1	0.4	0.3

Channel	Corrected PPSD Port 1 (dBm/500 kHz)	Corrected PPSD Port 2 (dBm/500 kHz)	Combined PPSD (dBm/500 kHz)	Limit (dBm/500kHz)	Margin (dB)	Result
Bottom +1	-0.2	0.2	3.0	18.7	15.7	Complied
Middle	-0.7	0.4	2.9	18.7	15.8	Complied
Top -1	-0.6	0.3	2.9	18.7	15.8	Complied

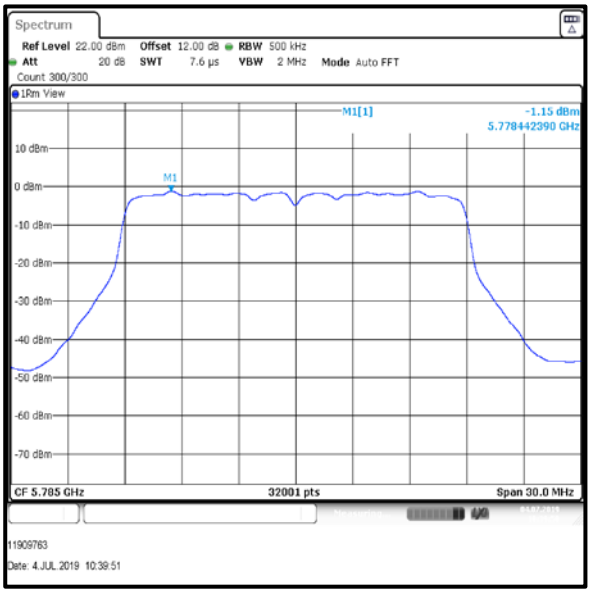
Result: Pass

Transmitter Maximum Power Spectral Density (continued)

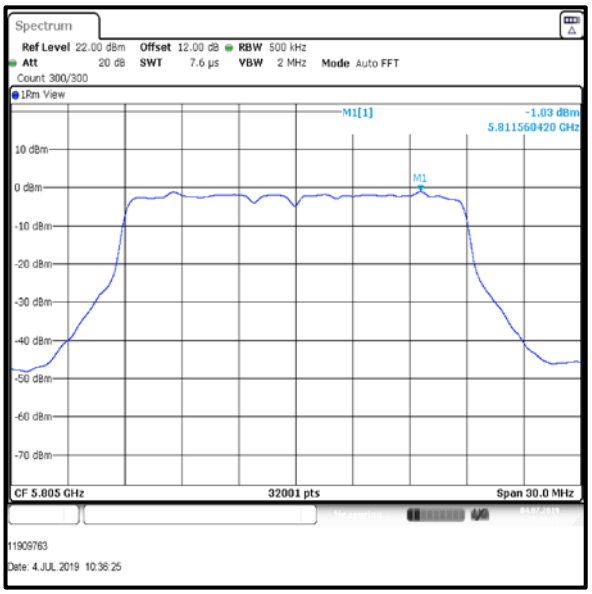
Results: 802.11ac / 20 MHz / MCS0 / MIMO / Port 1 / PWL 19 / 23 dBi Antenna Group



Bottom +1 Channel



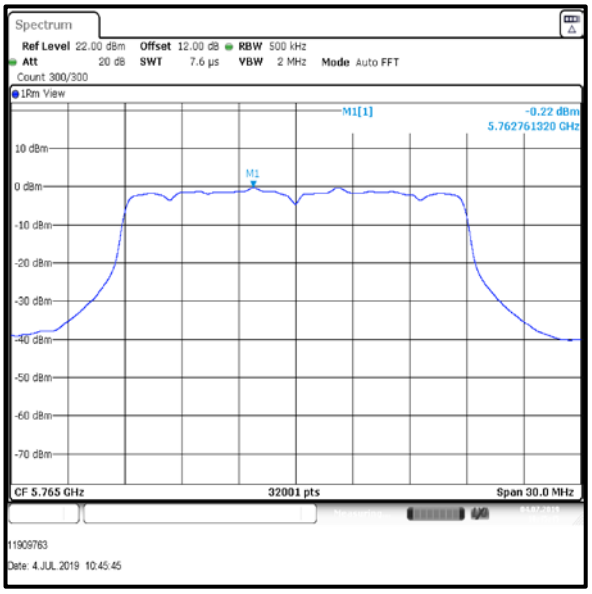
Middle Channel



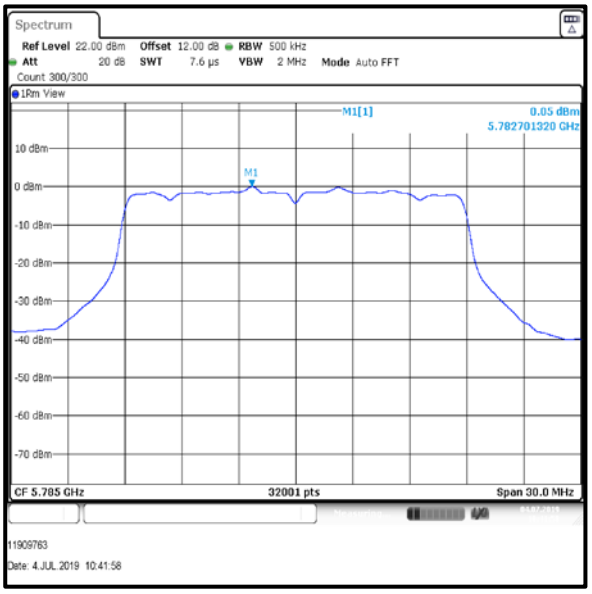
Top -1 Channel

Transmitter Maximum Power Spectral Density (continued)

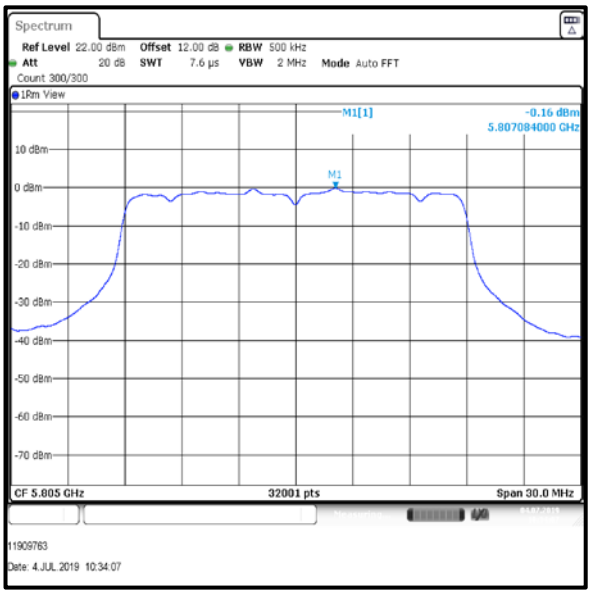
Results: 802.11ac / 20 MHz / MCS0 / MIMO / Port 2 / PWL 19 / 23 dBi Antenna Group



Bottom +1 Channel



Middle Channel



Top -1 Channel

Transmitter Maximum Power Spectral Density (continued)

Results: 802.11ac / 20 MHz / MCS0 / MIMO / Port 1+2 / PWL 14 / 23 dBi Antenna Group

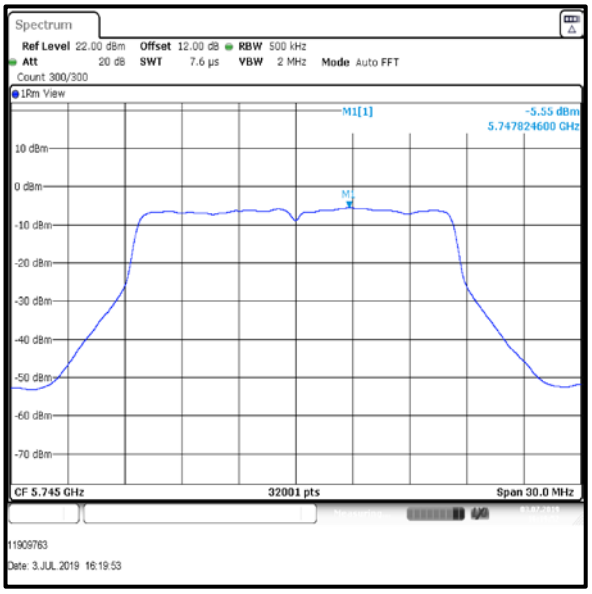
Channel	Port 1			Port 2		
	PPSD (dBm/500 kHz)	Duty Cycle Correction (dB)	Corrected PPSD (dBm/500 kHz)	PPSD (dBm/500 kHz)	Duty Cycle Correction (dB)	Corrected PPSD (dBm/500 kHz)
Bottom	-5.5	0.4	-5.1	-6.5	0.4	-6.1
Top	-6.2	0.4	-5.8	-5.8	0.4	-5.4

Channel	Corrected PPSD Port 1 (dBm/500 kHz)	Corrected PPSD Port 2 (dBm/500 kHz)	Combined PPSD (dBm/500 kHz)	Limit (dBm/500kHz)	Margin (dB)	Result
Bottom	-5.1	-6.1	-2.6	18.7	21.3	Complied
Top	-5.8	-5.4	-2.6	18.7	21.3	Complied

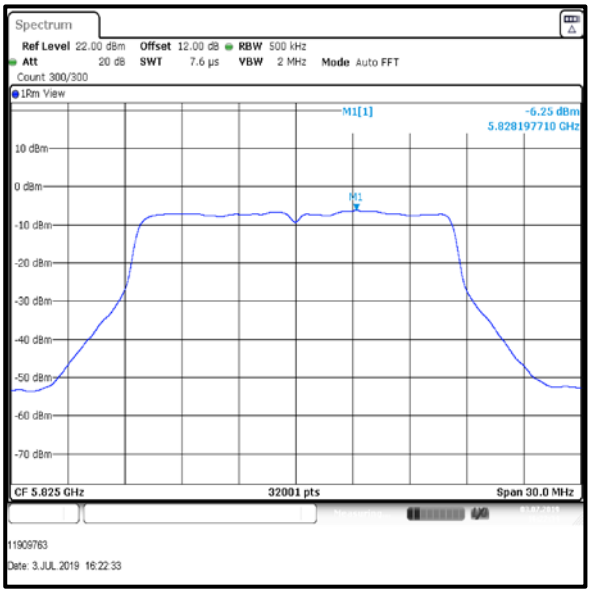
Result: Pass

Transmitter Maximum Power Spectral Density (continued)

Results: 802.11ac / 20 MHz / MCS0 / MIMO / Port 1 / PWL 14 / 23 dBi Antenna Group

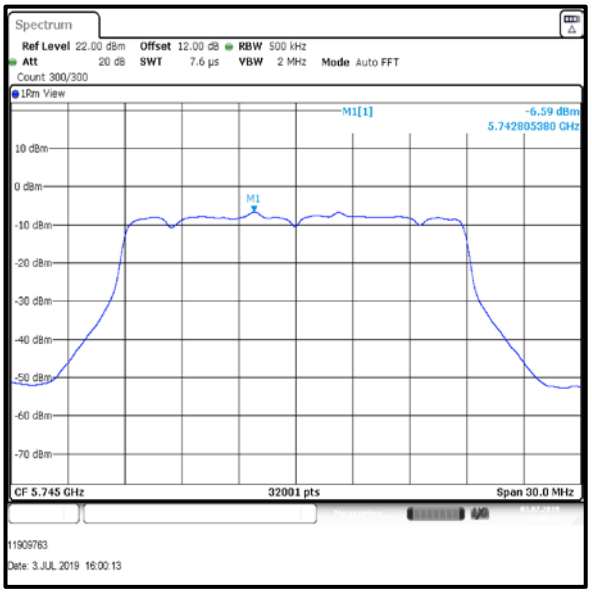


Bottom Channel

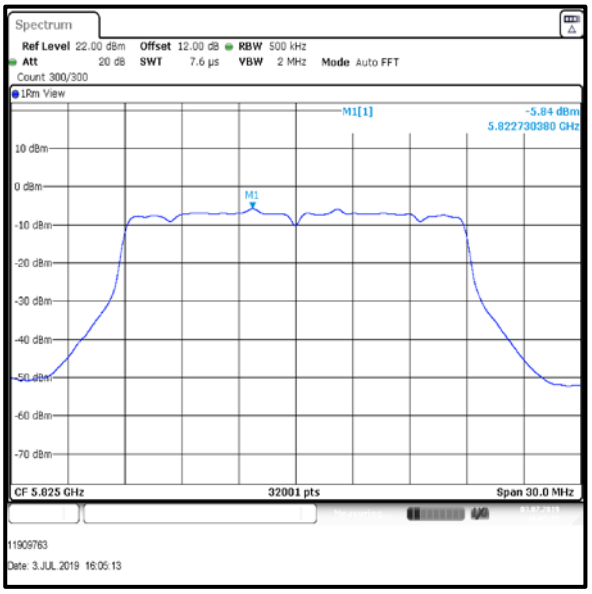


Top Channel

Results: 802.11ac / 20 MHz / MCS0 / MIMO / Port 2 / PWL 14 / 23 dBi Antenna Group



Bottom Channel



Top Channel

Transmitter Maximum Power Spectral Density (continued)

Results: 802.11n / HT40 / MCS0 / MIMO / Port 1+2 / PWL 19 / 23 dBi Antenna Group

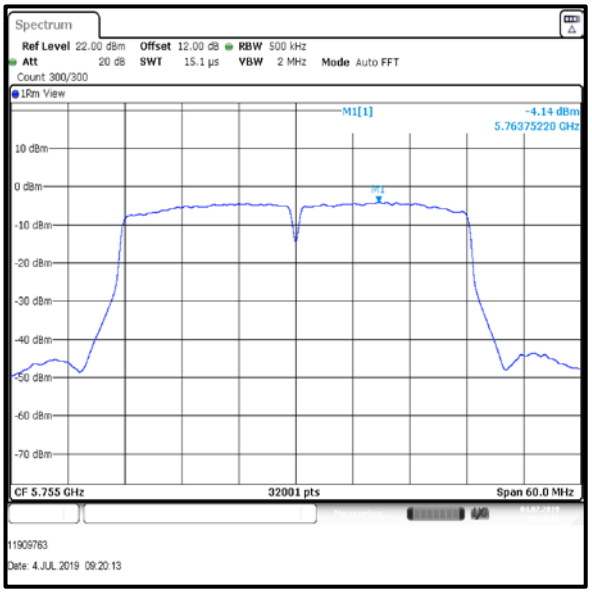
Channel	Port 1			Port 2		
	PPSD (dBm/500 kHz)	Duty Cycle Correction (dB)	Corrected PPSD (dBm/500 kHz)	PPSD (dBm/500 kHz)	Duty Cycle Correction (dB)	Corrected PPSD (dBm/500 kHz)
Bottom	-4.1	0.4	-3.7	-4.1	0.4	-3.7
Top	-3.4	0.4	-3.0	-3.8	0.4	-3.4

Channel	Corrected PPSD Port 1 (dBm/500 kHz)	Corrected PPSD Port 2 (dBm/500 kHz)	Combined PPSD (dBm/500 kHz)	Limit (dBm/500kHz)	Margin (dB)	Result
Bottom	-3.7	-3.7	-0.7	18.7	19.4	Complied
Top	-3.0	-3.4	-0.2	18.7	18.9	Complied

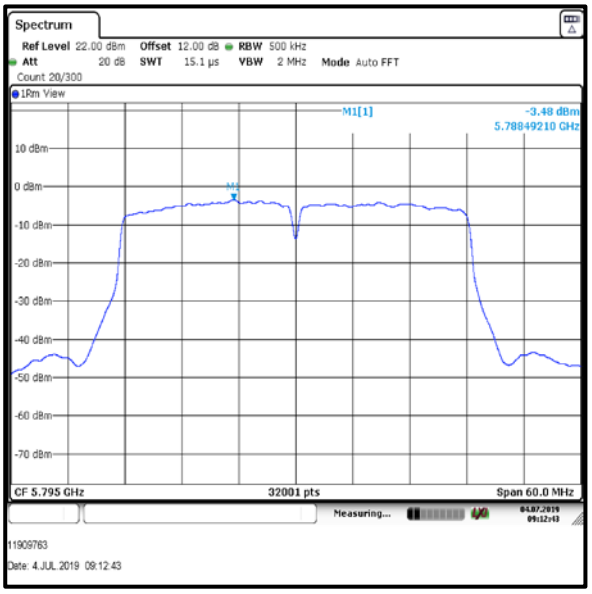
Result: Pass

Transmitter Maximum Power Spectral Density (continued)

Results: 802.11n / HT40 / MCS0 / MIMO / Port 1 / PWL 19 / 23 dBi Antenna Group

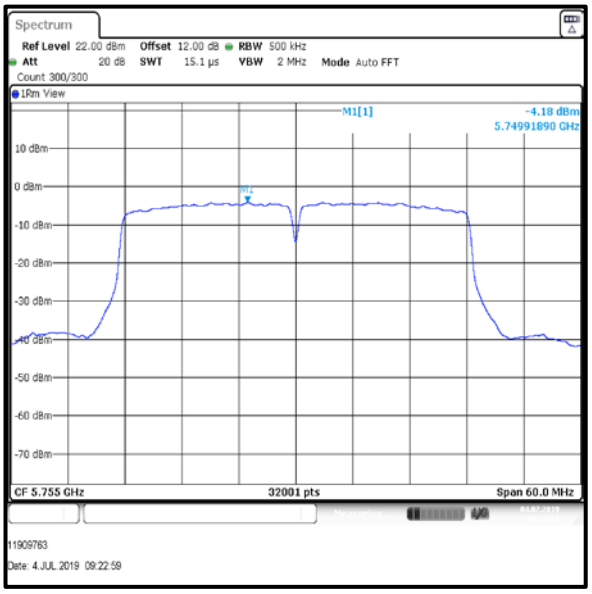


Bottom Channel

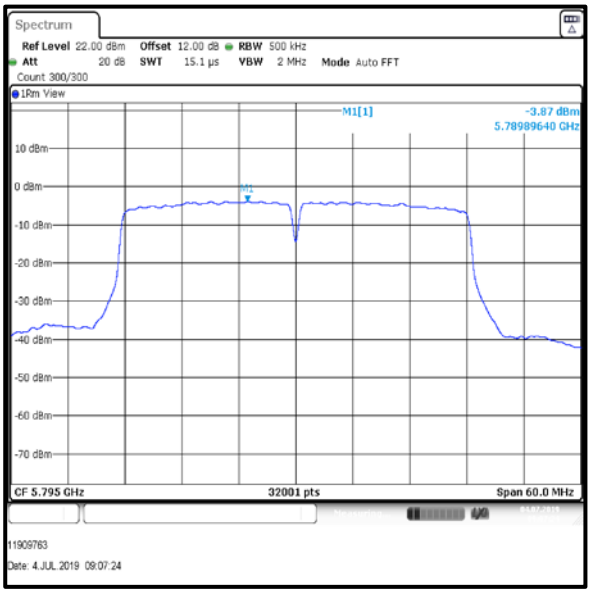


Top Channel

Results: 802.11n / HT40 / MCS0 / MIMO / Port 2 / PWL 19 / 23 dBi Antenna Group



Bottom Channel



Top Channel

Transmitter Maximum Power Spectral Density (continued)

Results: 802.11ac / HT40 / MCS0 / MIMO / Port 1+2 / PWL 19 / 23 dBi Antenna Group

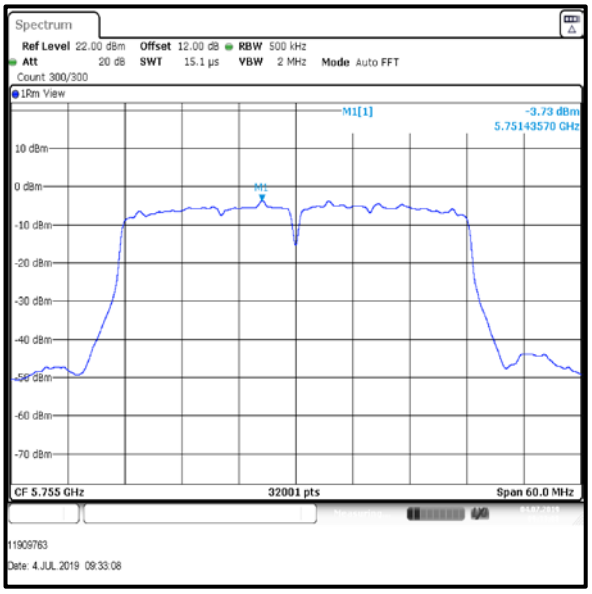
Channel	Port 1			Port 2		
	PPSD (dBm/500 kHz)	Duty Cycle Correction (dB)	Corrected PPSD (dBm/500 kHz)	PPSD (dBm/500 kHz)	Duty Cycle Correction (dB)	Corrected PPSD (dBm/500 kHz)
Bottom	-3.7	0.4	-3.3	-4.1	0.4	-3.7
Top	-5.4	0.4	-5.0	-3.3	0.4	-2.9

Channel	Corrected PPSD Port 1 (dBm/500 kHz)	Corrected PPSD Port 2 (dBm/500 kHz)	Combined PPSD (dBm/500 kHz)	Limit (dBm/500kHz)	Margin (dB)	Result
Bottom	-3.3	-3.7	-0.5	18.7	19.2	Complied
Top	-5.0	-2.9	-0.8	18.7	19.5	Complied

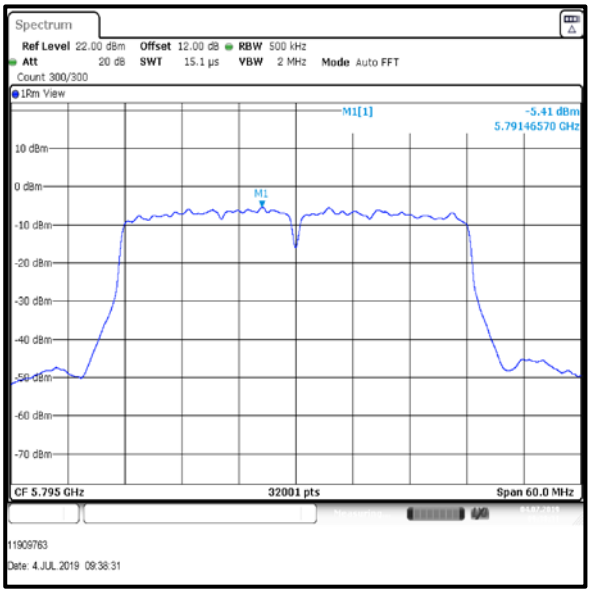
Result: Pass

Transmitter Maximum Power Spectral Density (continued)

Results: 802.11ac / HT40 / MCS0 / MIMO / Port 1 / PWL 19 / 23 dBi Antenna Group

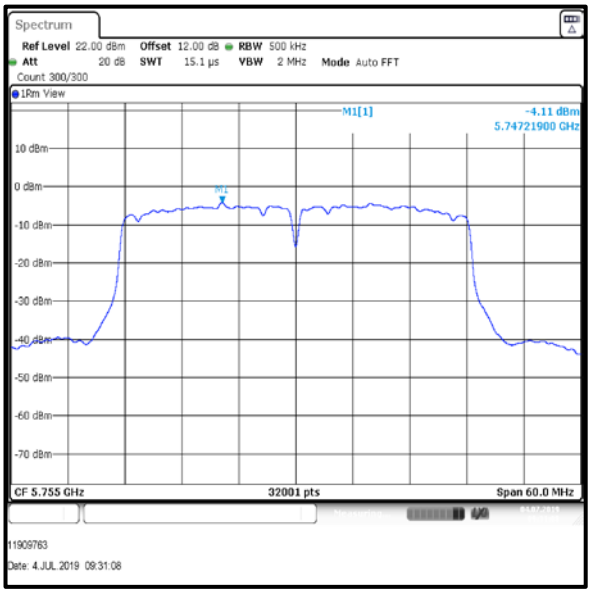


Bottom Channel

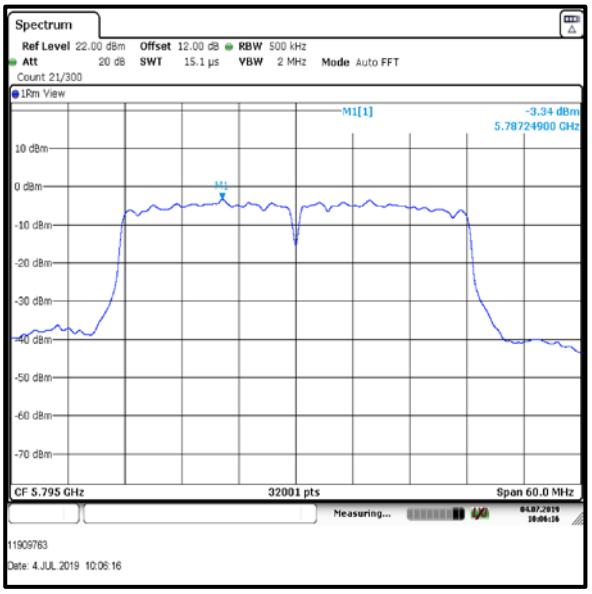


Top Channel

Results: 802.11ac / HT40 / MCS0 / MIMO / Port 2 / PWL 19 / 23 dBi Antenna Group



Bottom Channel



Top Channel

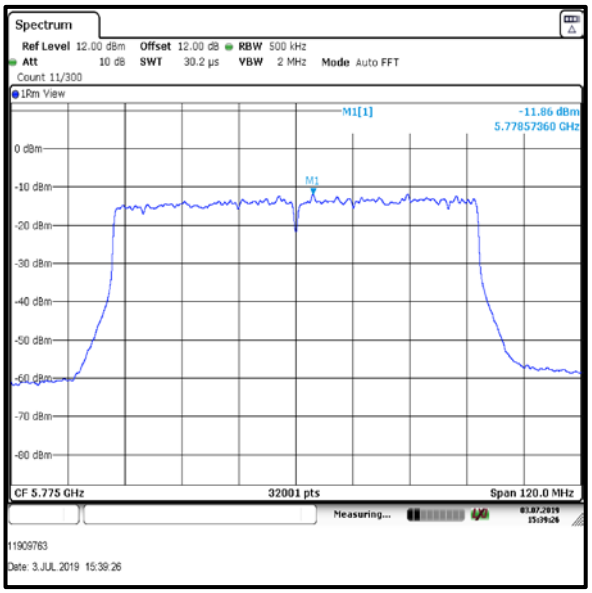
Transmitter Maximum Power Spectral Density (continued)

Results: 802.11ac / HT80 / MCS0 / MIMO / Port 1+2 / PWL 14 / 23 dBi Antenna Group

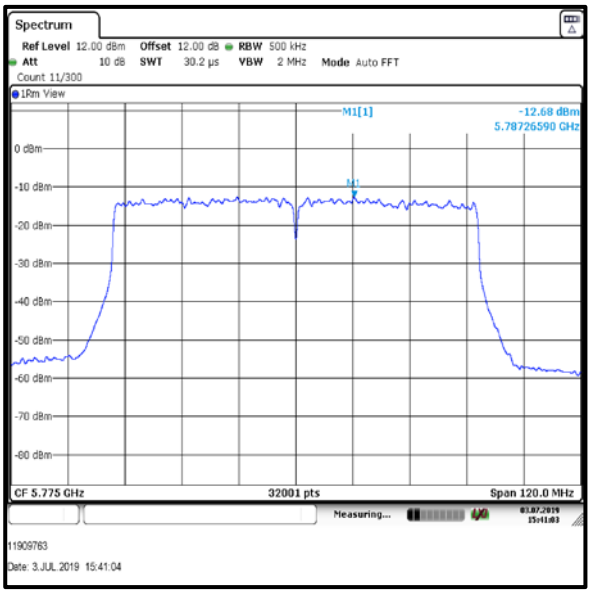
Channel	Port 1			Port 2		
	PPSD (dBm/500 kHz)	Duty Cycle Correction (dB)	Corrected PPSD (dBm/500 kHz)	PPSD (dBm/500 kHz)	Duty Cycle Correction (dB)	Corrected PPSD (dBm/500 kHz)
Single	-11.8	0.5	-11.3	-12.6	0.5	-12.1

Channel	Corrected PPSD Port 1 (dBm/500 kHz)	Corrected PPSD Port 2 (dBm/500 kHz)	Combined PPSD (dBm/500 kHz)	Limit (dBm/500kHz)	Margin (dB)	Result
Single	-11.3	-12.1	-8.7	18.7	27.4	Complied

Result: Pass



Single Channel Port 1



Single Channel Port 2

Transmitter Maximum Power Spectral Density (continued)

Results: 802.11a / 20 MHz / 6 Mbps / MIMO / Port 1+2+3 / PWL 17 / 23 dBi Antenna Group

Channel	Port 1			Port 2		
	PPSD (dBm/500 kHz)	Duty Cycle Correction (dB)	Corrected PPSD (dBm/500 kHz)	PPSD (dBm/500 kHz)	Duty Cycle Correction (dB)	Corrected PPSD (dBm/500 kHz)
Bottom+1	-4.3	0.3	-4.0	-4.5	0.3	-4.2
Middle	-4.1	0.3	-3.8	-4.2	0.3	-3.9
Top -1	-4.7	0.3	-4.4	-4.2	0.3	-3.9

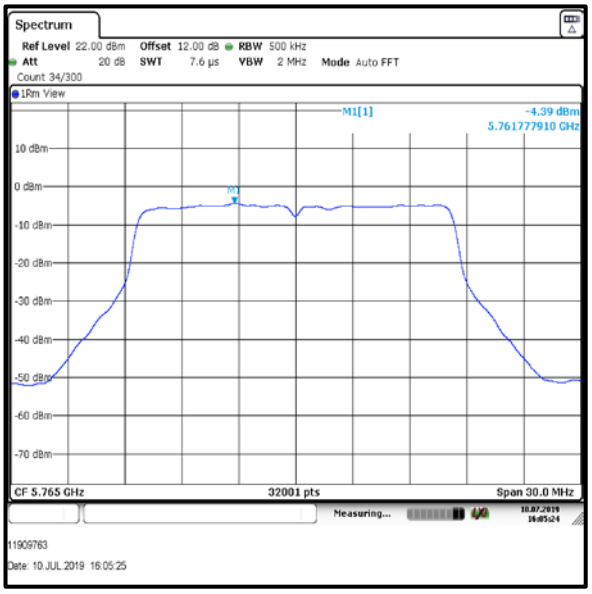
Channel	Port 3		
	PPSD (dBm /500kHz)	Duty Cycle Correction (dB)	Corrected PPSD (dBm /500kHz)
Bottom+1	-3.6	0.3	-3.3
Middle	-3.6	0.3	-3.3
Top -1	-4.1	0.3	-3.8

Channel	Corrected PPSD Port 1 (dBm/500 kHz)	Corrected PPSD Port 2 (dBm/500 kHz)	Corrected PPSD Port 3 (dBm/500 kHz)	Combined PPSD (dBm/500 kHz)	Limit (dBm/500kHz)	Margin (dB)	Result
Bottom+1	-4.0	-4.2	-3.3	1.0	17.0	16	Complied
Middle	-3.8	-3.9	-3.3	1.1	17.0	15.9	Complied
Top -1	-4.4	-3.9	-3.8	0.7	17.0	16.3	Complied

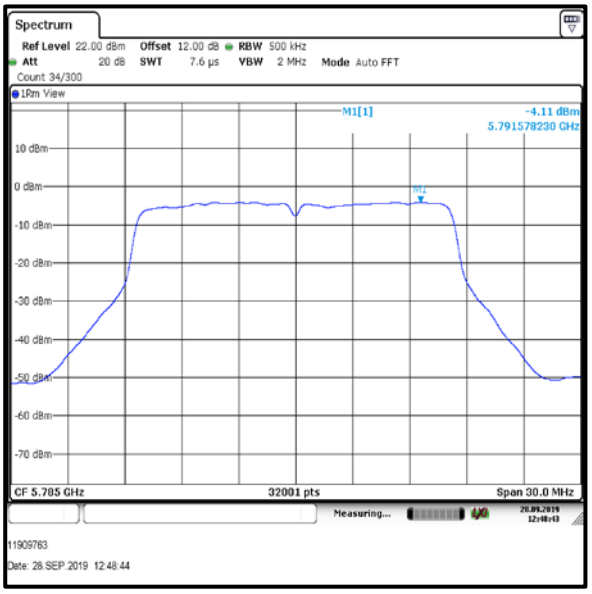
Result: Pass

Transmitter Maximum Power Spectral Density (continued)

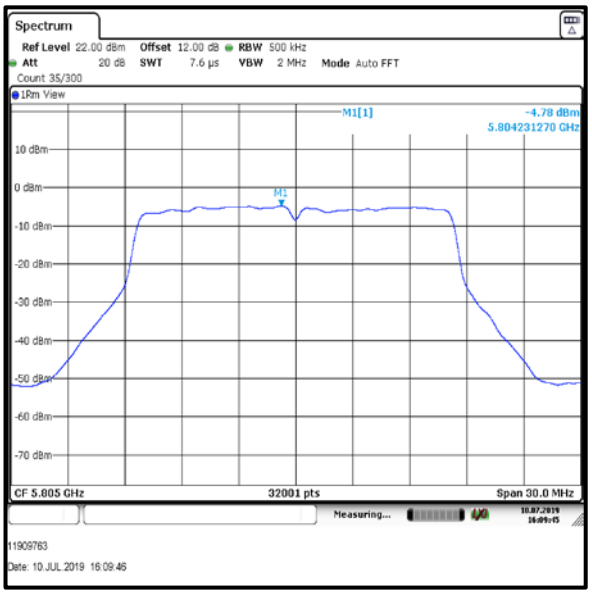
Results: 802.11a / 20 MHz / 6 Mbps / MIMO / Port 1 / PWL 17 / 23 dBi Antenna Group



Bottom +1 Channel



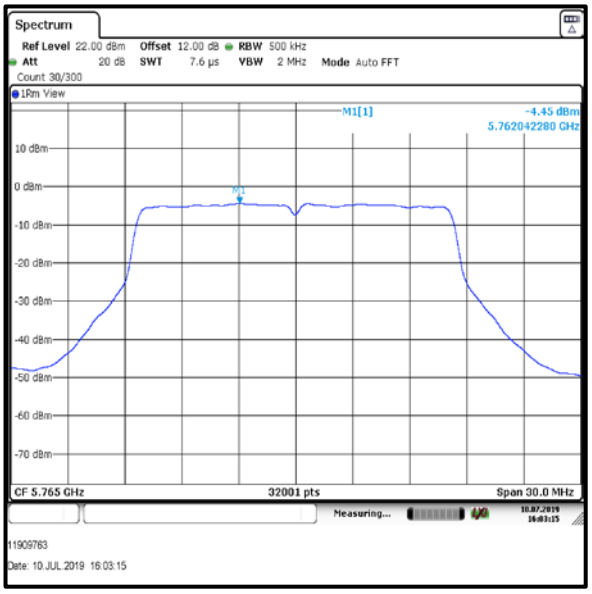
Middle Channel



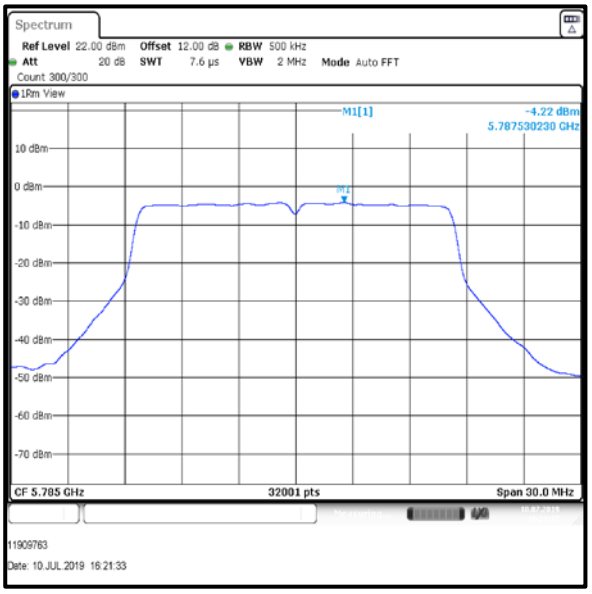
Top -1 Channel

Transmitter Maximum Power Spectral Density (continued)

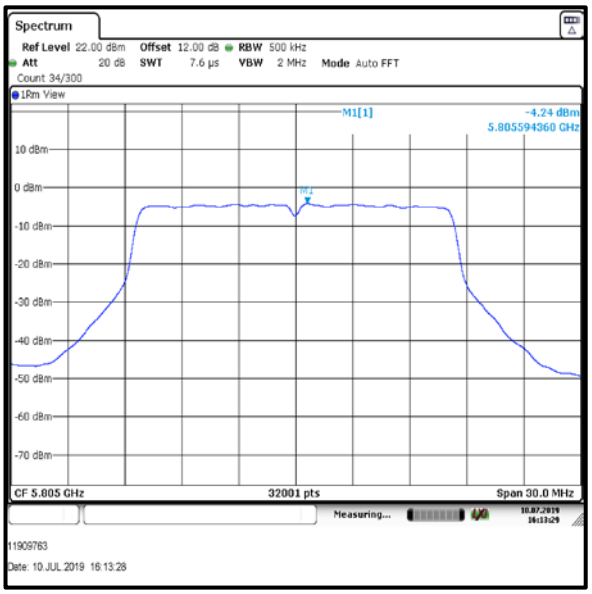
Results: 802.11a / 20 MHz / 6 Mbps / MIMO / Port 2 / PWL 17 / 23 dBi Antenna Group



Bottom +1 Channel



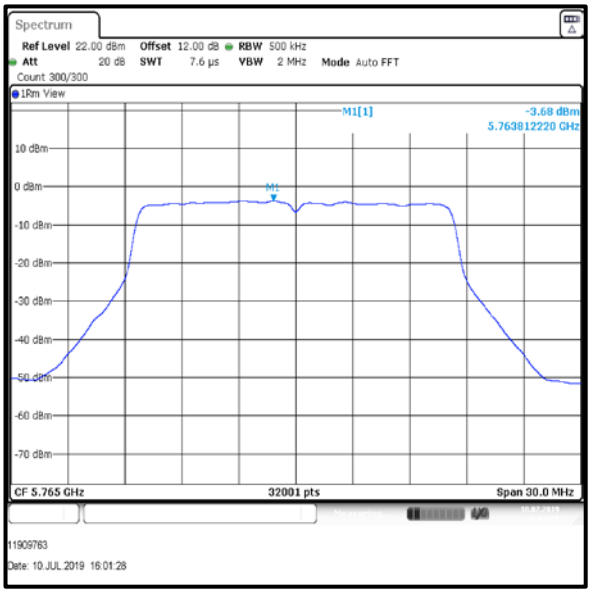
Middle Channel



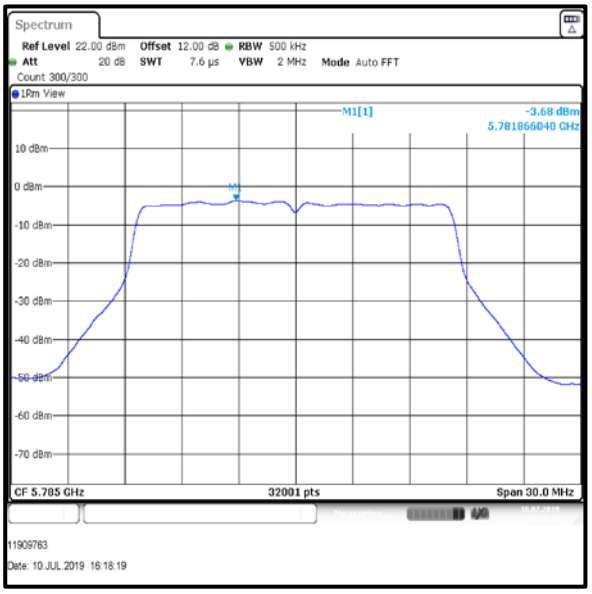
Top -1 Channel

Transmitter Maximum Power Spectral Density (continued)

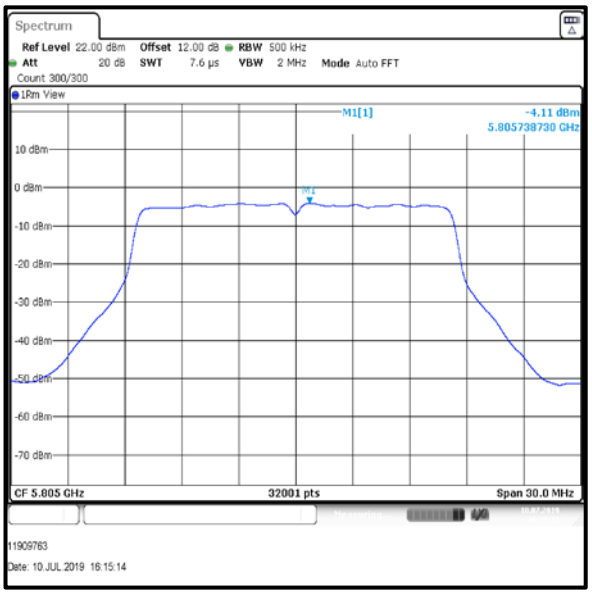
Results: 802.11a / 20 MHz / 6 Mbps / MIMO / Port 3 / PWL 17 / 23 dBi Antenna Group



Bottom +1 Channel



Middle Channel



Top -1 Channel

Transmitter Maximum Power Spectral Density (continued)

Results: 802.11a / 20 MHz / 6 Mbps / MIMO / Port 1+2+3 / PWL 12 / 23 dBi Antenna Group

Channel	Port 1			Port 2		
	PPSD (dBm/500 kHz)	Duty Cycle Correction (dB)	Corrected PPSD (dBm/500 kHz)	PPSD (dBm/500 kHz)	Duty Cycle Correction (dB)	Corrected PPSD (dBm/500 kHz)
Bottom	-8.8	0.3	-8.5	-9.0	0.3	-8.7
Top	-10.3	0.3	-10.0	-8.3	0.3	-8.0

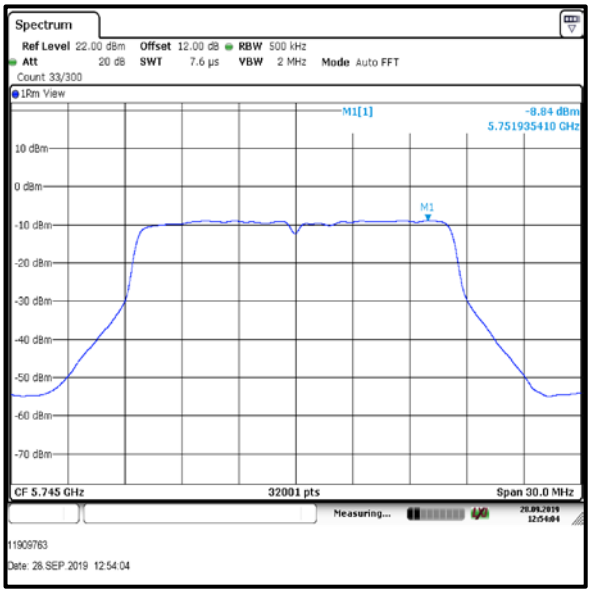
Channel	Port 3		
	PPSD (dBm /500kHz)	Duty Cycle Correction (dB)	Corrected PPSD (dBm /500kHz)
Bottom	-8.0	0.3	-7.7
Top	-8.3	0.3	-8.0

Channel	Corrected PPSD Port 1 (dBm/500 kHz)	Corrected PPSD Port 2 (dBm/500 kHz)	Corrected PPSD Port 3 (dBm/500 kHz)	Combined PPSD (dBm/500 kHz)	Limit (dBm/500kHz)	Margin (dB)	Result
Bottom	-8.5	-8.7	-7.7	-3.5	17.0	20.5	Complied
Top	-10.0	-8.0	-8.0	-3.8	17.0	20.8	Complied

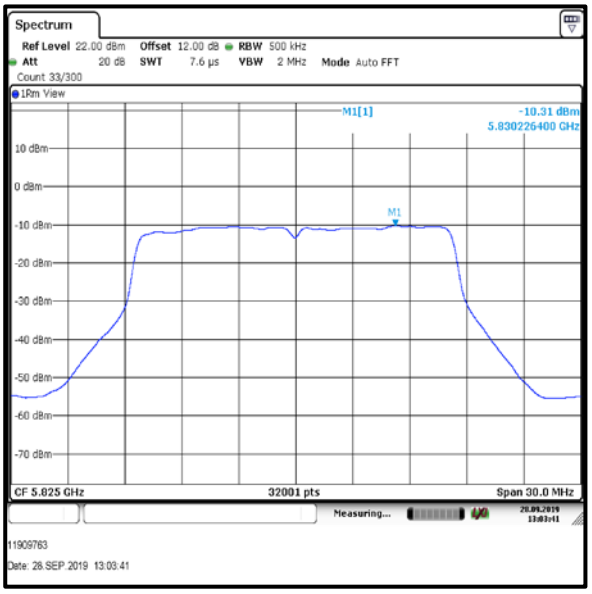
Result: Pass

Transmitter Maximum Power Spectral Density (continued)

Results: 802.11a / 20 MHz / 6 Mbps / MIMO / Port 1 / PWL 12 / 23 dBi Antenna Group

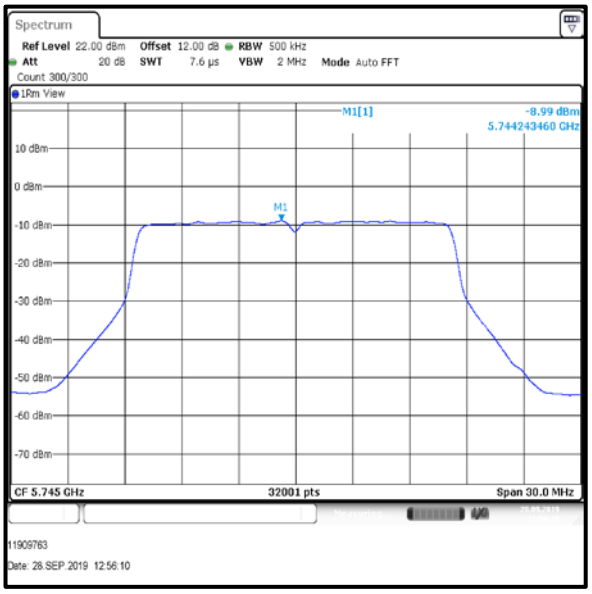


Bottom Channel

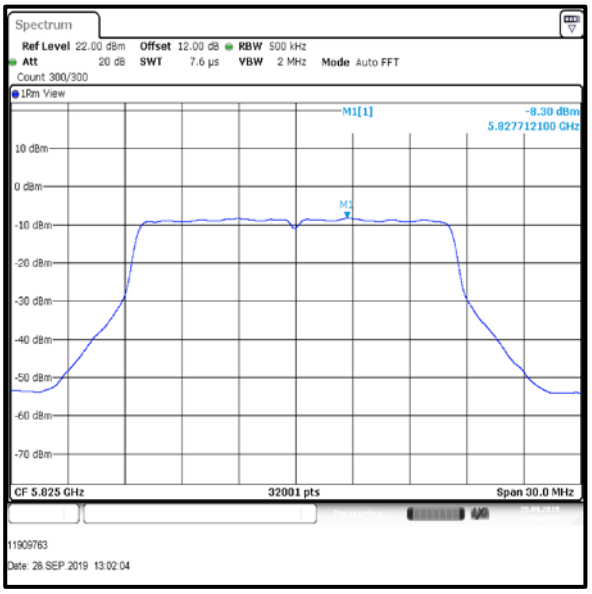


Top Channel

Results: 802.11a / 20 MHz / 6 Mbps / MIMO / Port 2 / PWL 12 / 23 dBi Antenna Group



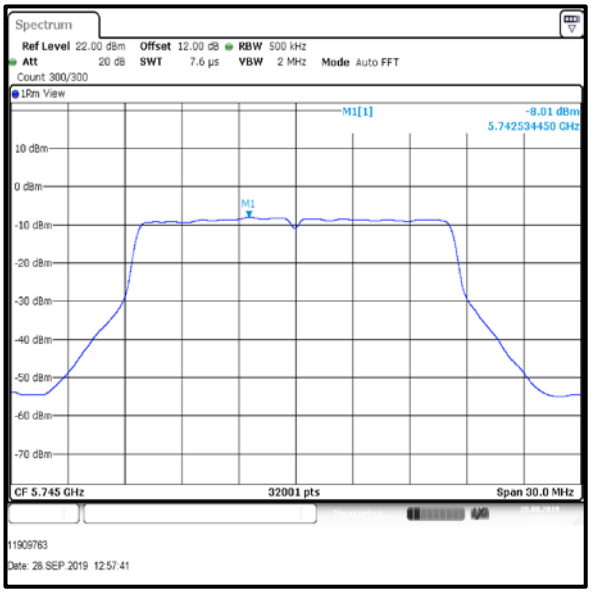
Bottom Channel



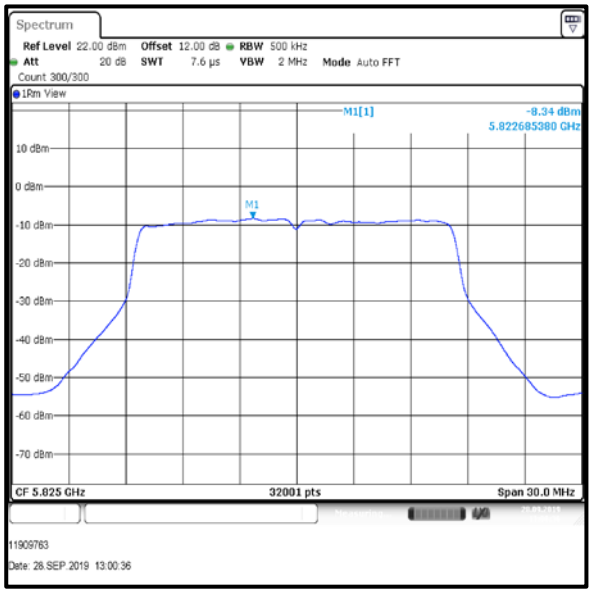
Top Channel

Transmitter Maximum Power Spectral Density (continued)

Results: 802.11a / 20 MHz / 6 Mbps / MIMO / Port 3 / PWL 12 / 23 dBi Antenna Group



Bottom Channel



Top Channel

Transmitter Maximum Power Spectral Density (continued)

Results: 802.11n / 20 MHz / MCS0 / MIMO / Port 1+2+3 / PWL 17 / 23 dBi Antenna Group

Channel	Port 1			Port 2		
	PPSD (dBm/500 kHz)	Duty Cycle Correction (dB)	Corrected PPSD (dBm/500 kHz)	PPSD (dBm/500 kHz)	Duty Cycle Correction (dB)	Corrected PPSD (dBm/500 kHz)
Bottom+1	-4.5	0.5	-4.0	-5.0	0.5	-4.5
Middle	-4.7	0.5	-4.2	-4.6	0.5	-4.1
Top -1	-4.9	0.5	-4.4	-4.6	0.5	-4.1

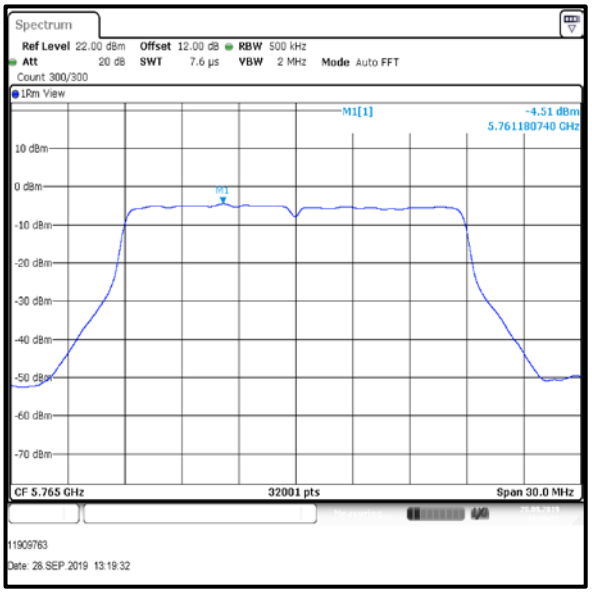
Channel	Port 3		
	PPSD (dBm /500kHz)	Duty Cycle Correction (dB)	Corrected PPSD (dBm /500kHz)
Bottom+1	-4.2	0.5	-3.7
Middle	-4.1	0.5	-3.6
Top -1	-4.6	0.5	-4.1

Channel	Corrected PPSD Port 1 (dBm/500 kHz)	Corrected PPSD Port 2 (dBm/500 kHz)	Corrected PPSD Port 3 (dBm/500 kHz)	Combined PPSD (dBm/500 kHz)	Limit (dBm/500kHz)	Margin (dB)	Result
Bottom+1	-4.0	-4.5	-3.7	0.7	17.0	16.3	Complied
Middle	-4.2	-4.1	-3.6	0.8	17.0	16.2	Complied
Top -1	-4.4	-4.1	-4.1	0.6	17.0	16.4	Complied

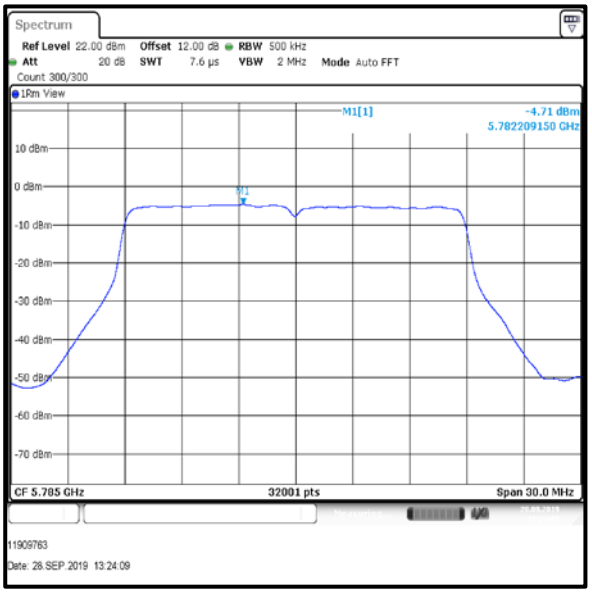
Result: Pass

Transmitter Maximum Power Spectral Density (continued)

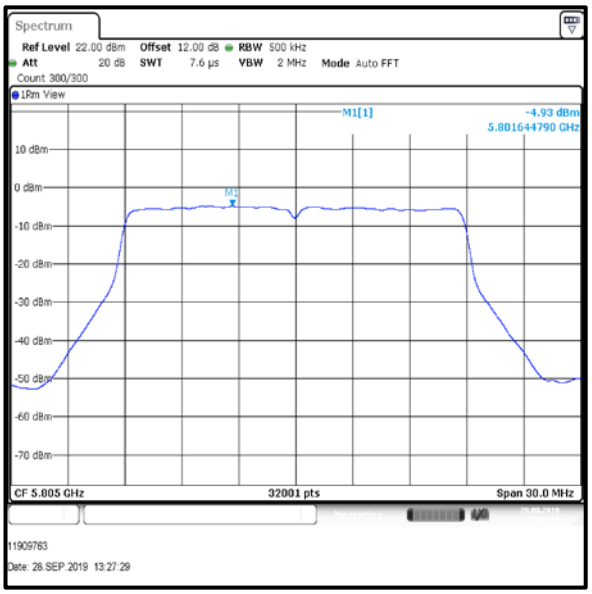
Results: 802.11n / 20 MHz / MCS0 / MIMO / Port 1 / PWL 17 / 23 dBi Antenna Group



Bottom +1 Channel



Middle Channel



Top -1 Channel