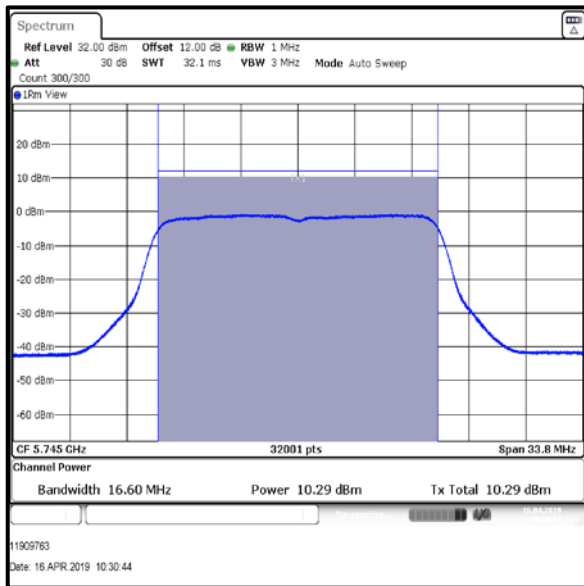
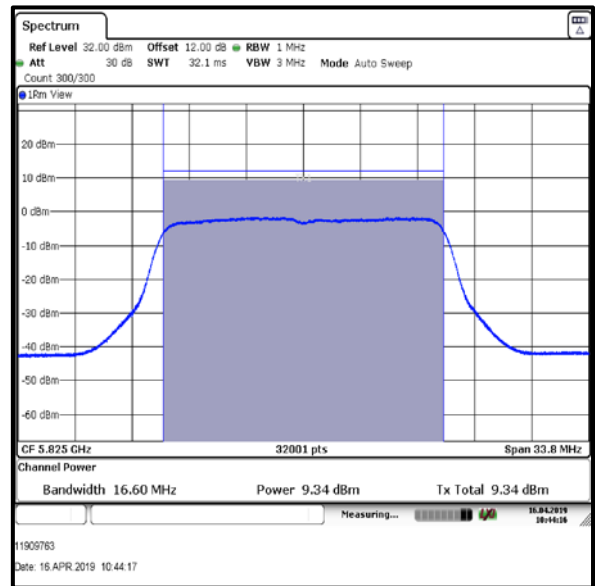


Transmitter Maximum Conducted Output Power (continued)

Results: 802.11a / 20 MHz / 6Mbps / MIMO / Port 1 / PWL 17 / 9 dBi Antenna Group

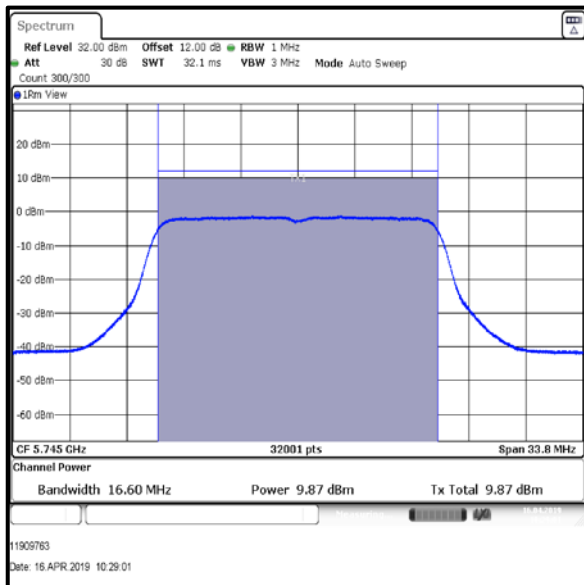


Bottom Channel

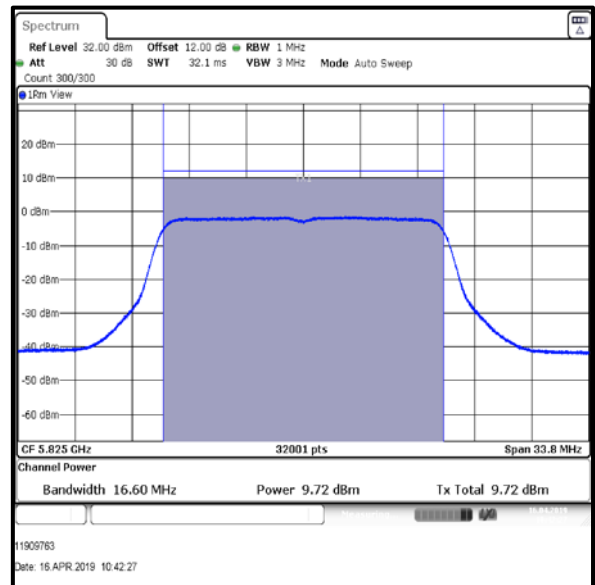


Top Channel

Results: 802.11a / 20 MHz / 6Mbps / MIMO / Port 2 / PWL 17 / 9 dBi Antenna Group



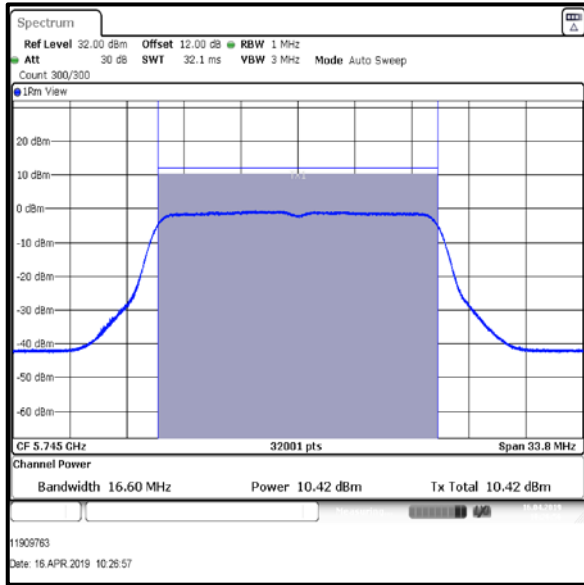
Bottom Channel



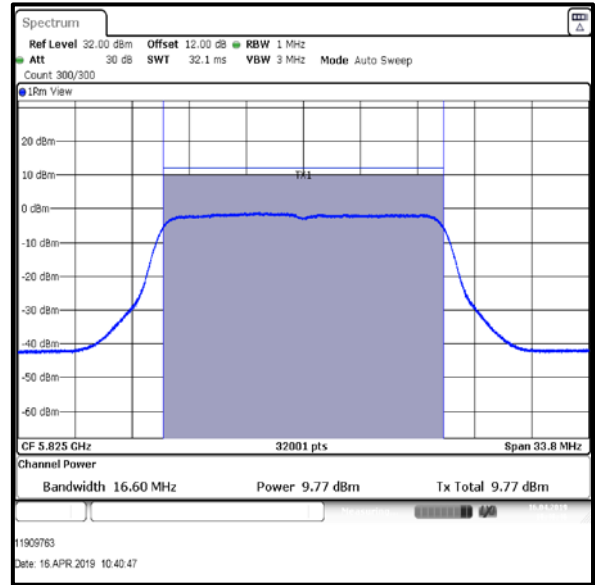
Top Channel

Transmitter Maximum Conducted Output Power (continued)

Results: 802.11a / 20 MHz / 6Mbps / MIMO / Port 3 / PWL 17 / 9 dBi Antenna Group



Bottom Channel



Top Channel

Transmitter Maximum Conducted Output Power (continued)**Results: 802.11n / 20 MHz / MCS0 / MIMO / Port 1+2+3 / PWL 22 / 9 dBi Antenna Group**

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 +1	14.9	0.5	15.4	14.9	0.5	15.4
Middle	14.6	0.5	15.1	14.9	0.5	15.4
Top -1	13.8	0.5	14.3	14.9	0.5	15.4

Channel	Port 3		
	Conducted Power (dBm)	Duty Cycle Correction (dB)	Corrected Conducted Power (dBm)
Bottom +1	15.5	0.5	16.0
Middle	15.4	0.5	15.9
Top -1	15.2	0.5	15.7

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 +1	15.4	15.4	16.0	20.4	27.0	6.6	Complied
Middle	15.1	15.4	15.9	20.3	27.0	6.7	Complied
Top -1	14.3	15.4	15.7	19.9	27.0	7.1	Complied

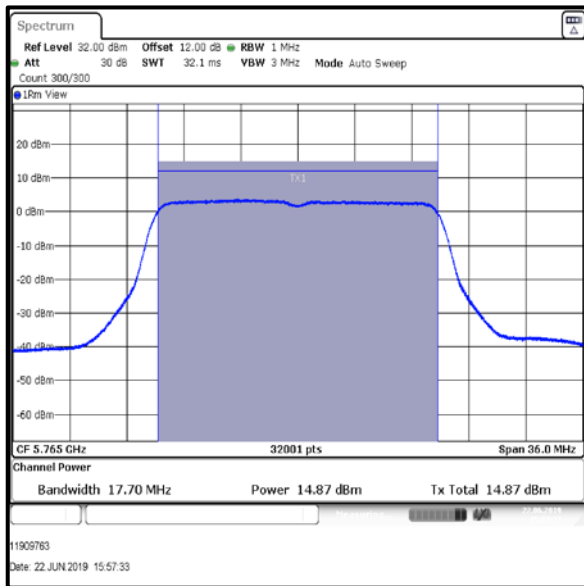
De Facto EIRP Limit Comparison

Channel	Port 1+2+3 Combined Conducted Power (dBm)	Directional Antenna Gain (dBi)	EIRP (dBm)	De Facto EIRP Limit (dBm)	Margin (dB)	Result
Bottom +1	20.4	9.0	29.4	36.0	6.6	Complied
Middle	20.3	9.0	29.3	36.0	6.7	Complied
Top -1	19.9	9.0	28.9	36.0	7.1	Complied

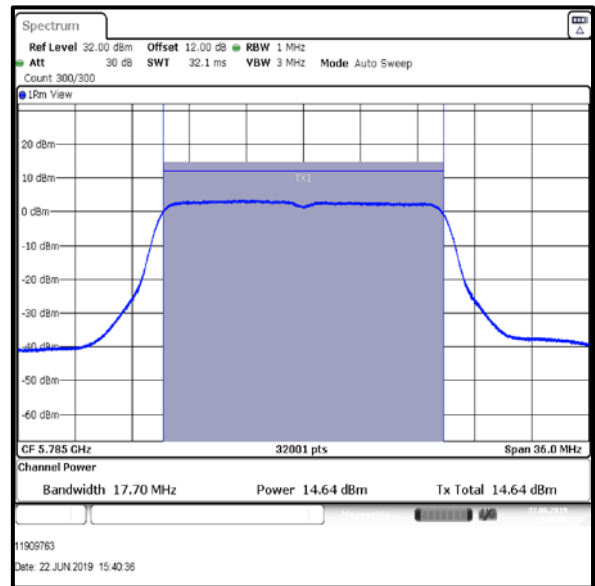
Result: Pass

Transmitter Maximum Conducted Output Power (continued)

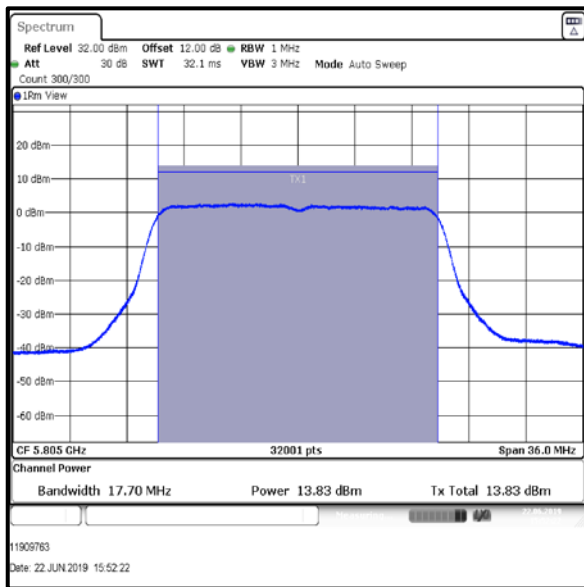
Results: 802.11n / 20 MHz / MCS0 / MIMO / Port 1 / PWL 22 / 9 dBi Antenna Group



Bottom +1 Channel



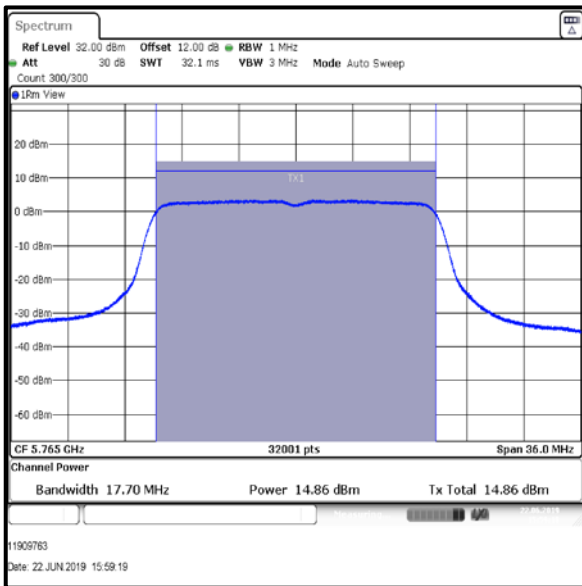
Middle Channel



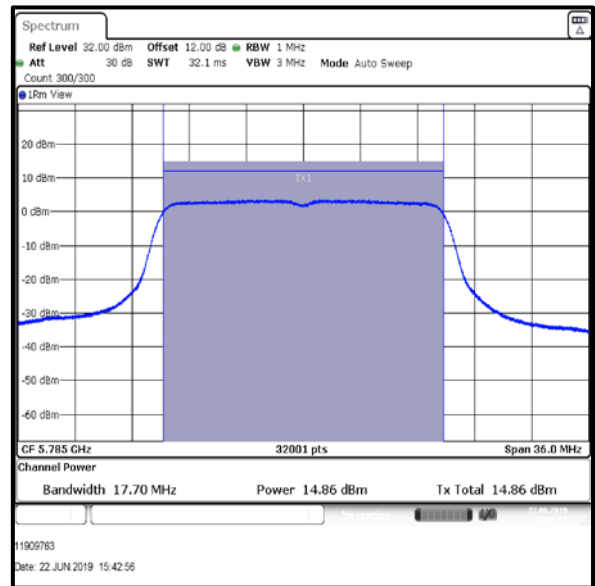
Top -1 Channel

Transmitter Maximum Conducted Output Power (continued)

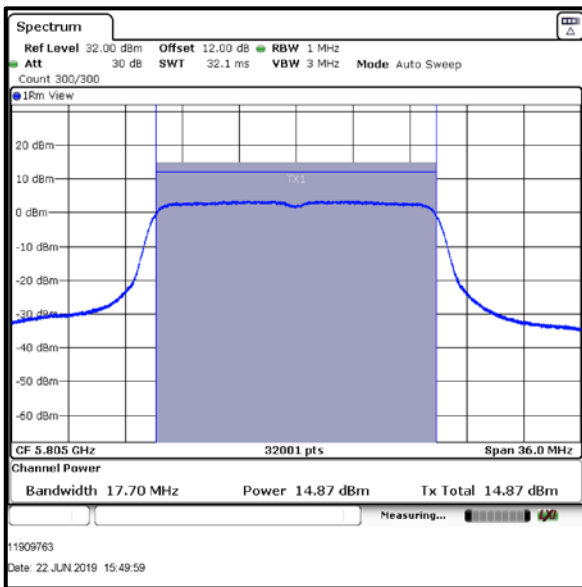
Results: 802.11n / 20 MHz / MCS0 / MIMO / Port 2 / PWL 22 / 9 dBi Antenna Group



Bottom +1 Channel



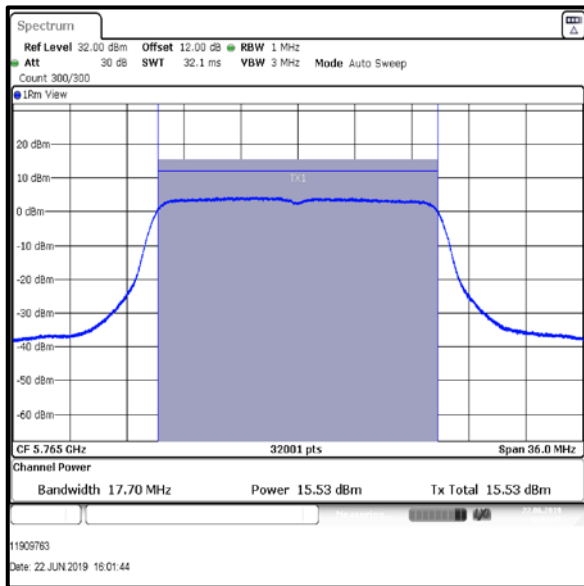
Middle Channel



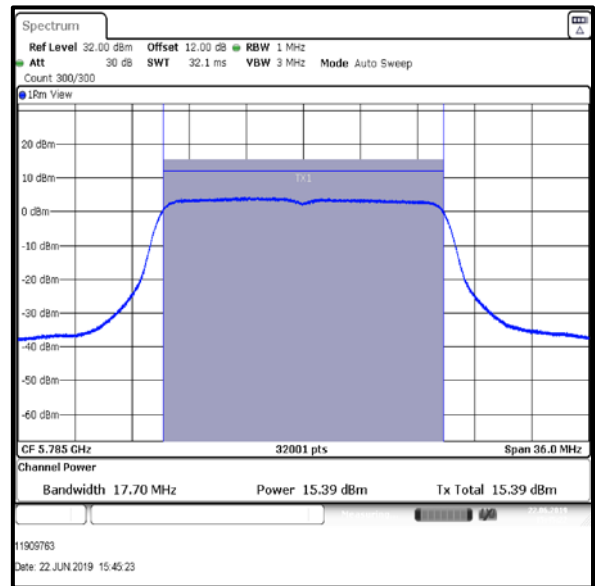
Top -1 Channel

Transmitter Maximum Conducted Output Power (continued)

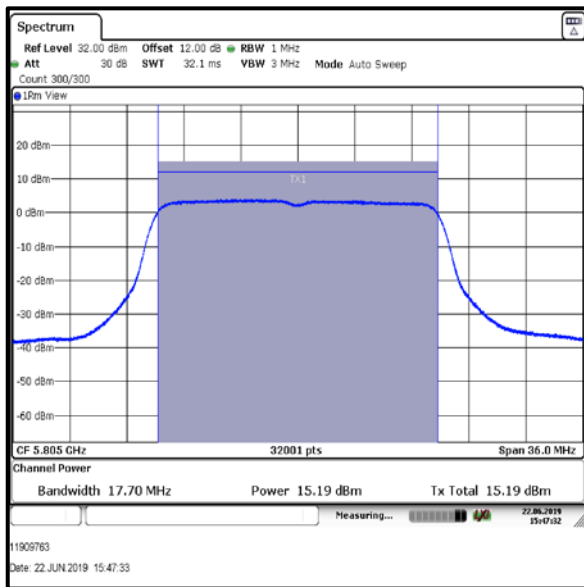
Results: 802.11n / 20 MHz / MCS0 / MIMO / Port 3 / PWL 22 / 9 dBi Antenna Group



Bottom +1 Channel



Middle Channel



Top -1 Channel

Transmitter Maximum Conducted Output Power (continued)

Results: 802.11n / 20 MHz / MCS0 / MIMO / Port 1+2+3 / PWL 17 / 9 dBi Antenna Group

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	10.0	0.5	10.5	9.7	0.5	10.2
Top	9.2	0.5	9.7	9.6	0.5	10.1

Channel	Port 3		
	Conducted Power (dBm)	Duty Cycle Correction (dB)	Corrected Conducted Power (dBm)
Bottom	10.2	0.5	10.7
Top	9.7	0.5	10.2

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	10.5	10.2	10.7	15.2	27.0	11.8	Complied
Top	9.7	10.1	10.2	14.8	27.0	12.2	Complied

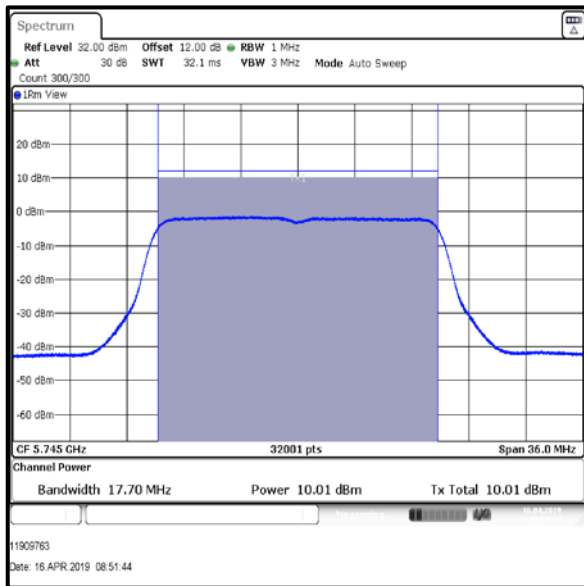
De Facto EIRP Limit Comparison

Channel	Port 1+2+3 Combined Conducted Power (dBm)	Directional Antenna Gain (dBi)	EIRP (dBm)	De Facto EIRP Limit (dBm)	Margin (dB)	Result
Bottom	15.2	9.0	24.2.2	36.0	11.8	Complied
Top	14.8	9.0	23.8	36.0	12.2	Complied

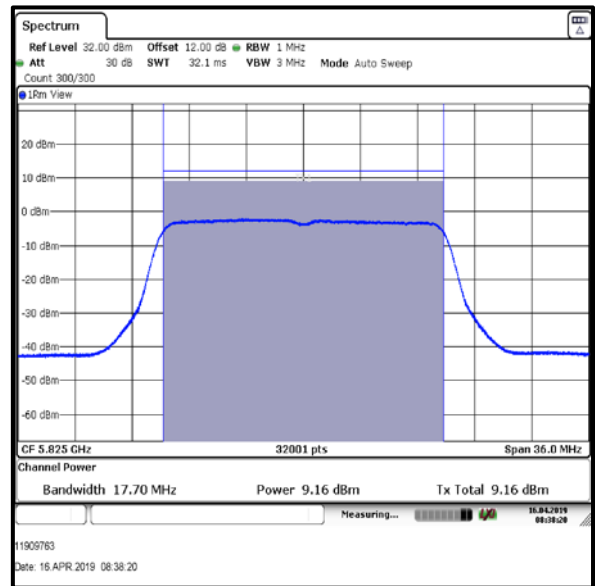
Result: **Pass**

Transmitter Maximum Conducted Output Power (continued)

Results: 802.11n / 20 MHz / MCS0 / MIMO / Port 1 / PWL 17 / 9 dBi Antenna Group

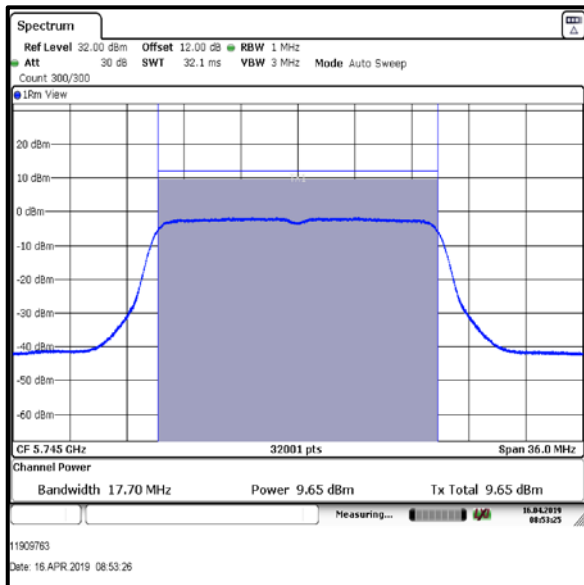


Bottom Channel

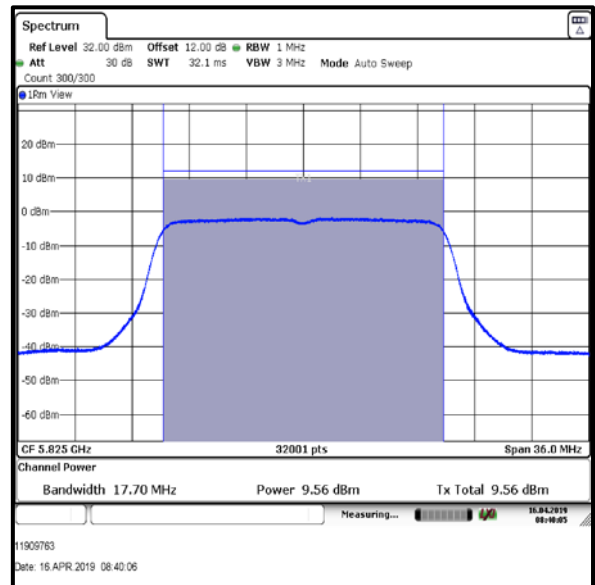


Top Channel

Results: 802.11n / 20 MHz / MCS0 / MIMO / Port 2 / PWL 17 / 9 dBi Antenna Group



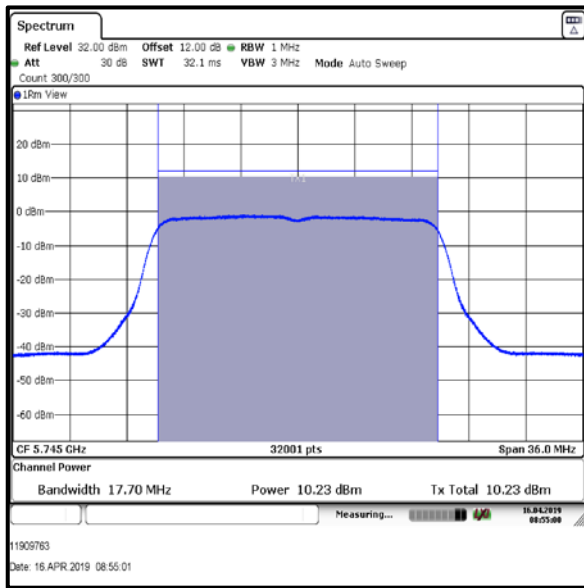
Bottom Channel



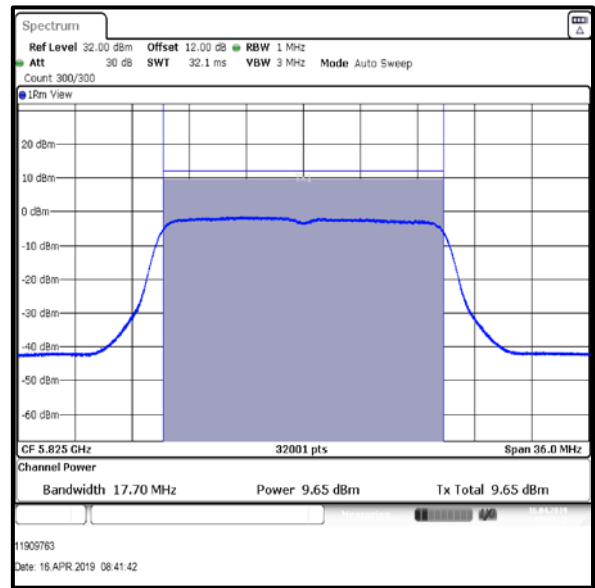
Top Channel

Transmitter Maximum Conducted Output Power (continued)

Results: 802.11n / 20 MHz / MCS0 / MIMO / Port 3 / PWL 17 / 9 dBi Antenna Group



Bottom Channel



Top Channel

Transmitter Maximum Conducted Output Power (continued)

Results: 802.11ac / 20 MHz / MCS0 / MIMO / Port 1+2+3 / PWL 22 / 9 dBi Antenna Group

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 +1	15.0	0.4	15.4	15.1	0.4	15.5
Middle	14.7	0.4	15.1	15.1	0.4	15.5
Top -1	13.3	0.4	13.7	14.4	0.4	14.8

Channel	Port 3		
	Conducted Power (dBm)	Duty Cycle Correction (dB)	Corrected Conducted Power (dBm)
Bottom +1	15.7	0.4	16.1
Middle	15.5	0.4	15.9
Top -1	15.3	0.4	15.7

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 +1	15.4	15.5	16.1	20.4	27.0	6.6	Complied
Middle	15.1	15.5	15.9	20.3	27.0	6.7	Complied
Top -1	13.7	14.8	15.7	19.6	27.0	7.4	Complied

De Facto EIRP Limit Comparison

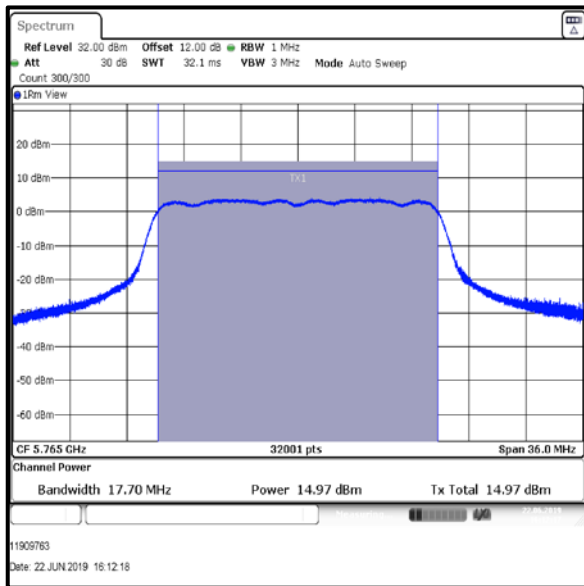
Channel	Port 1+2+3 Combined Conducted Power (dBm)	Directional Antenna Gain (dBi)	EIRP (dBm)	De Facto EIRP Limit (dBm)	Margin (dB)	Result
Bottom +1	20.4	9.0	29.4	36.0	6.6	Complied
Middle	20.3	9.0	29.3	36.0	6.7	Complied
Top -1	19.6	9.0	28.6	36.0	7.4	Complied

Result: **Pass**

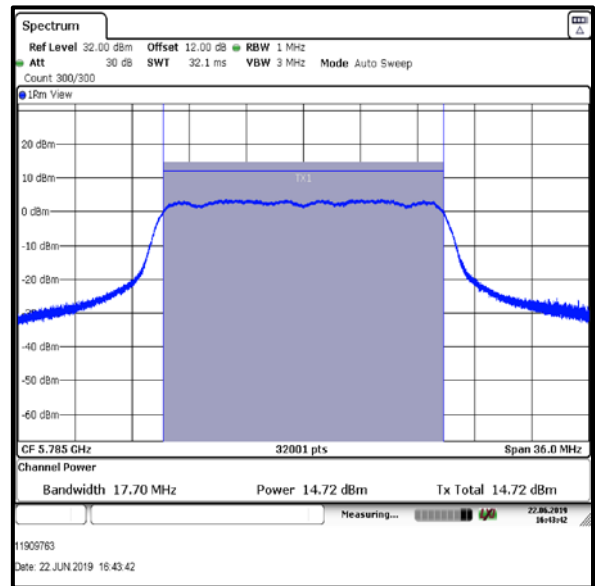


Transmitter Maximum Conducted Output Power (continued)

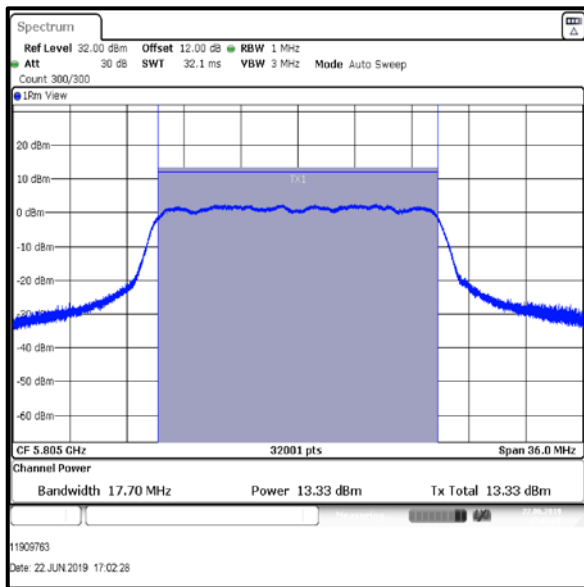
Results: 802.11ac / 20 MHz / MCS0 / MIMO / Port 1 / PWL 22 / 9 dBi Antenna Group



Bottom +1 Channel



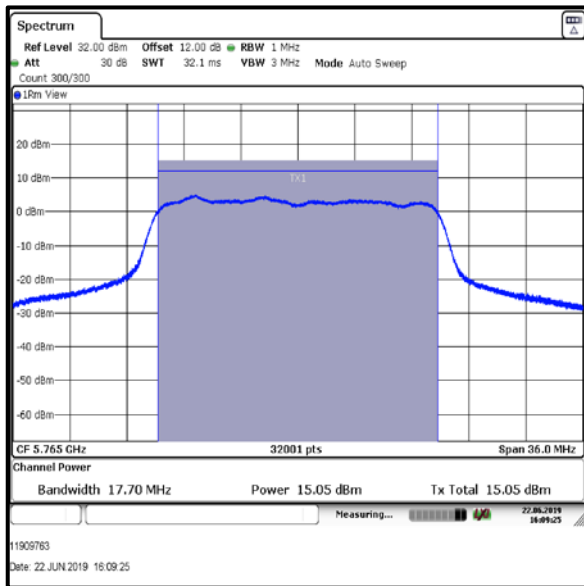
Middle Channel



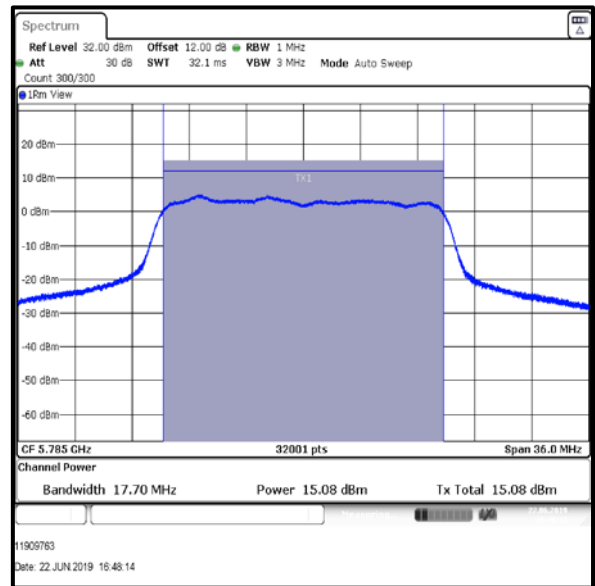
Top -1 Channel

Transmitter Maximum Conducted Output Power (continued)

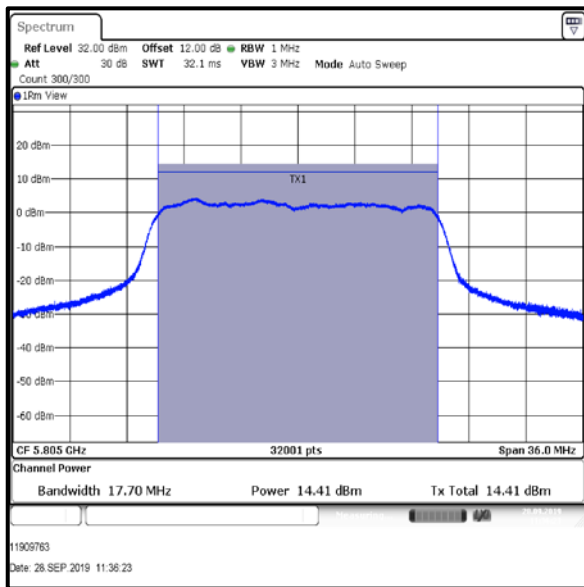
Results: 802.11ac / 20 MHz / MCS0 / MIMO / Port 2 / PWL 22 / 9 dBi Antenna Group



Bottom +1 Channel



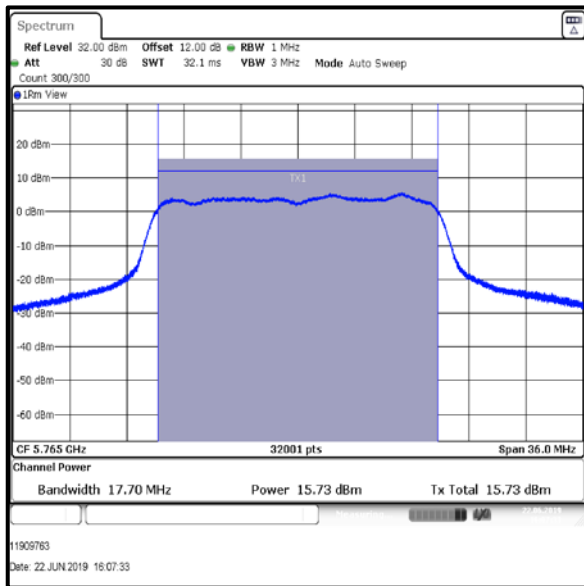
Middle Channel



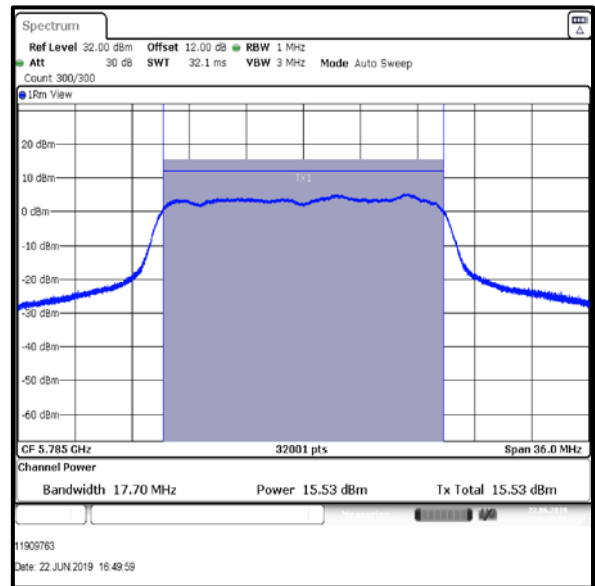
Top -1 Channel

Transmitter Maximum Conducted Output Power (continued)

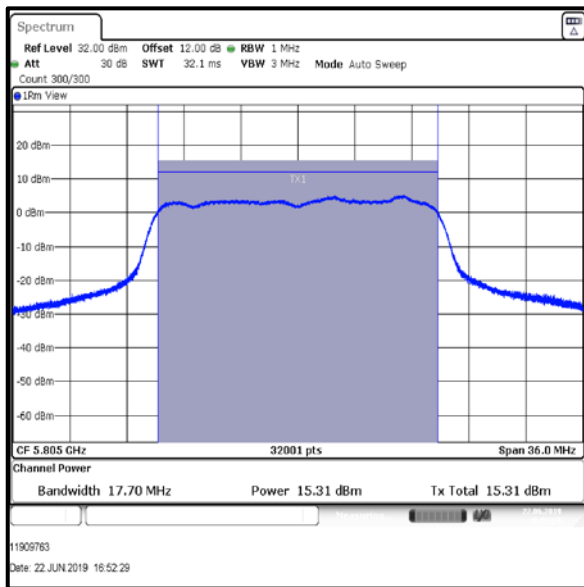
Results: 802.11ac / 20 MHz / MCS0 / MIMO / Port 3 / PWL 22 / 9 dBi Antenna Group



Bottom +1 Channel



Middle Channel



Top -1 Channel

Transmitter Maximum Conducted Output Power (continued)

Results: 802.11ac / 20 MHz / MCS0 / MIMO / Port 1+2+3 / PWL 17 / 9 dBi Antenna Group

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	10.1	0.4	10.5	10.1	0.4	10.5
Top	9.2	0.4	9.6	10.0	0.4	10.4

Channel	Port 3		
	Conducted Power (dBm)	Duty Cycle Correction (dB)	Corrected Conducted Power (dBm)
Bottom	10.7	0.4	11.1
Top	10.0	0.4	10.4

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	10.5	10.5	11.1	15.5	27.0	11.5	Complied
Top	9.6	10.4	10.4	14.9	27.0	12.1	Complied

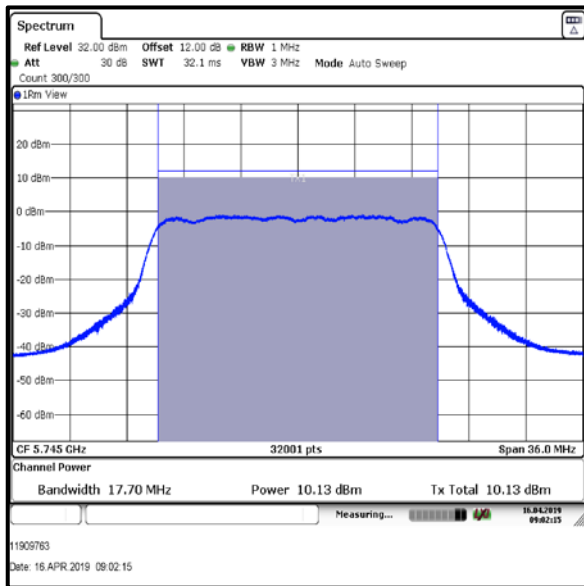
De Facto EIRP Limit Comparison

Channel	Port 1+2+3 Combined Conducted Power (dBm)	Directional Antenna Gain (dBi)	EIRP (dBm)	De Facto EIRP Limit (dBm)	Margin (dB)	Result
Bottom	15.5	9.0	24.5	36.0	11.5	Complied
Top	14.9	9.0	23.9	36.0	12.1	Complied

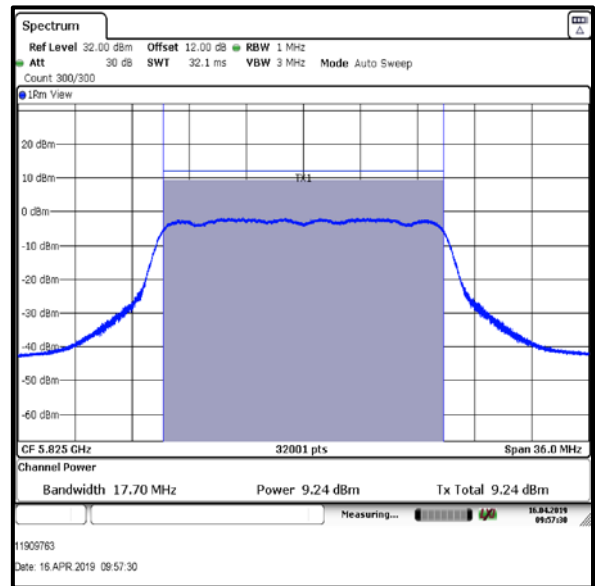
Result: **Pass**

Transmitter Maximum Conducted Output Power (continued)

Results: 802.11ac / 20 MHz / MCS0 / MIMO / Port 1 / PWL 17 / 9 dBi Antenna Group

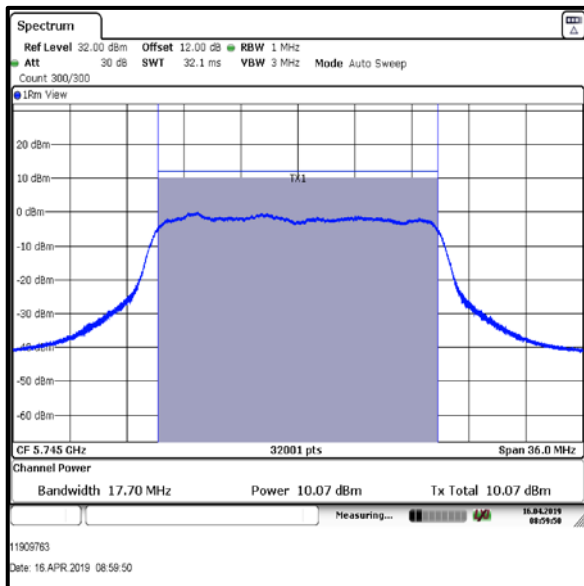


Bottom Channel

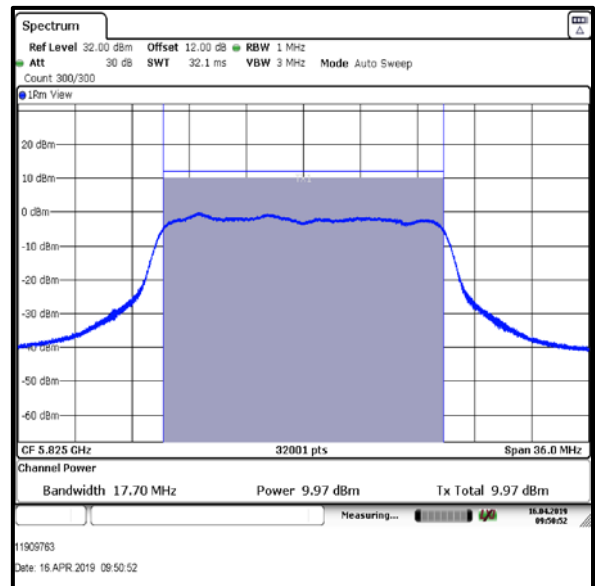


Top Channel

Results: 802.11ac / 20 MHz / MCS0 / MIMO / Port 2 / PWL 17 / 9 dBi Antenna Group



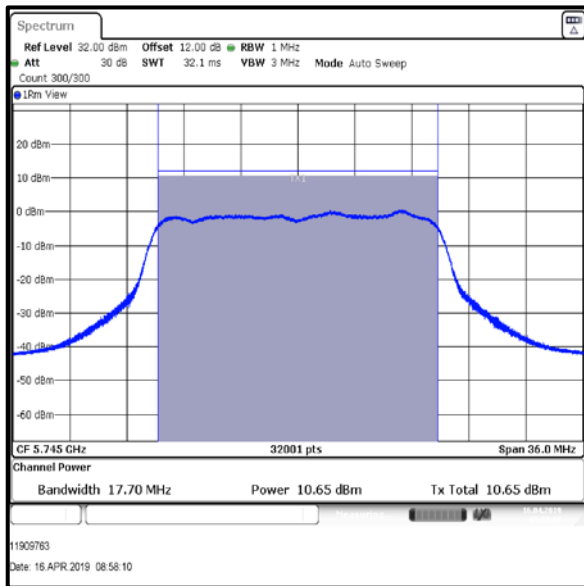
Bottom Channel



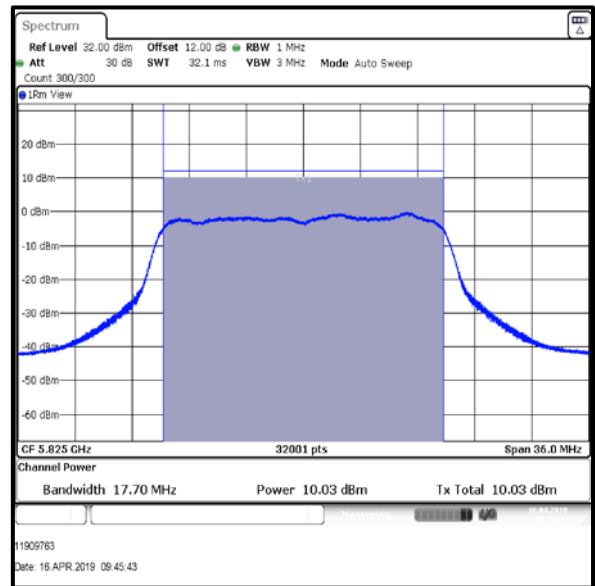
Top Channel

Transmitter Maximum Conducted Output Power (continued)

Results: 802.11ac / 20 MHz / MCS0 / MIMO / Port 3 / PWL 17 / 9 dBi Antenna Group



Bottom Channel



Top Channel

Transmitter Maximum Conducted Output Power (continued)

Results: 802.11n / HT40 / MCS0 / MIMO / Port 1+2+3 / PWL 17 / 9 dBi Antenna Group

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	9.5	0.4	9.9	9.6	0.4	10.0
Top	9.0	0.4	9.4	9.1	0.4	9.5

Channel	Port 3		
	Conducted Power (dBm)	Duty Cycle Correction (dB)	Corrected Conducted Power (dBm)
Bottom	9.9	0.4	10.3
Top	9.7	0.4	10.1

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	9.9	10.0	10.3	14.8	27.0	12.2	Complied
Top	9.4	9.5	10.1	14.4	27.0	12.6	Complied

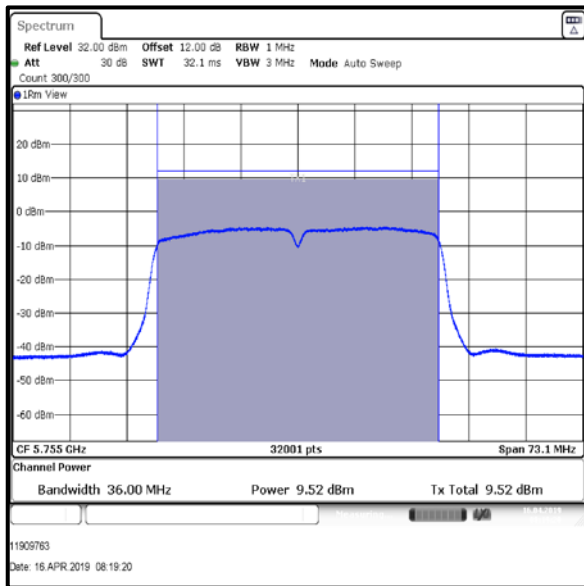
De Facto EIRP Limit Comparison

Channel	Port 1+2+3 Combined Conducted Power (dBm)	Directional Antenna Gain (dBi)	EIRP (dBm)	De Facto EIRP Limit (dBm)	Margin (dB)	Result
Bottom	14.8	9.0	23.8	36.0	12.2.2	Complied
Top	14.4	9.0	23.4	36.0	12.6	Complied

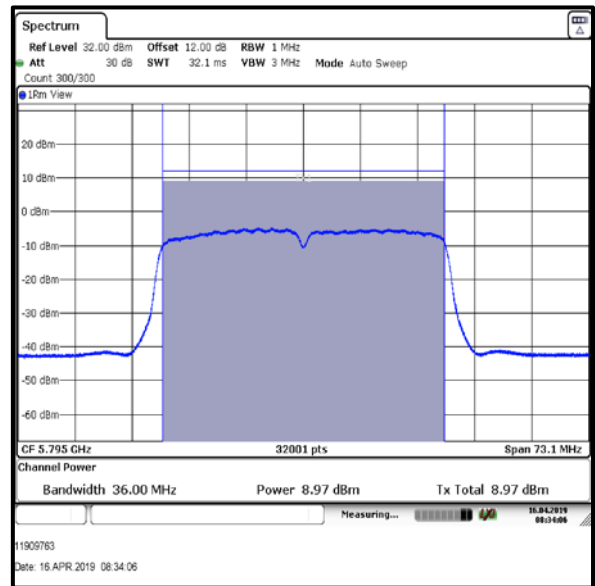
Result: Pass

Transmitter Maximum Conducted Output Power (continued)

Results: 802.11n / HT40 / MCS0 / MIMO / Port 1 / PWL 17 / 9 dBi Antenna Group

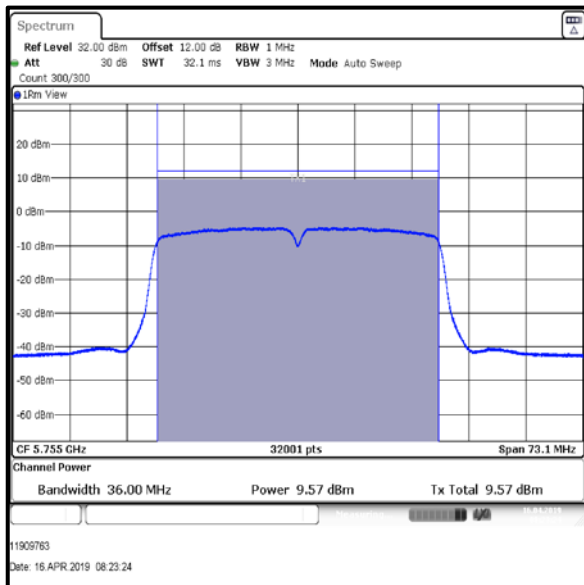


Bottom Channel

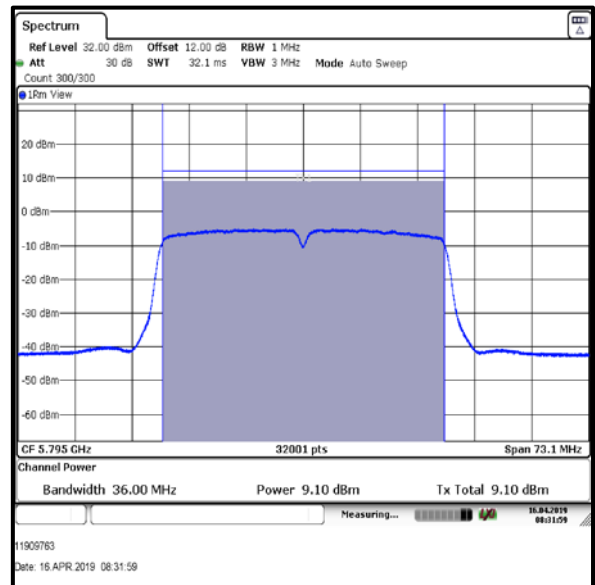


Top Channel

Results: 802.11n / HT40 / MCS0 / MIMO / Port 2 / PWL 17 / 9 dBi Antenna Group



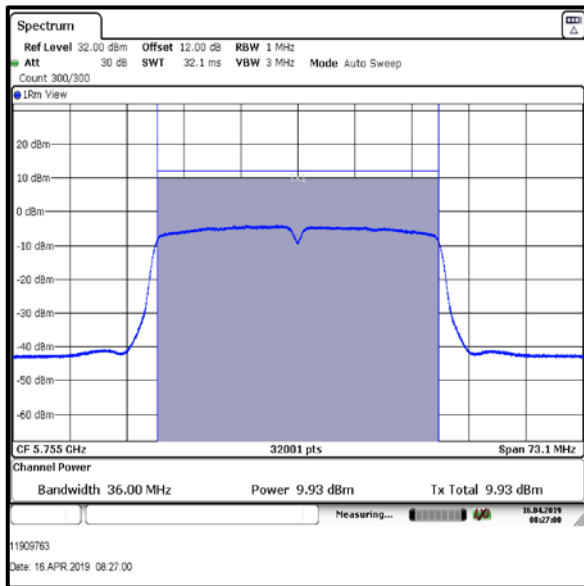
Bottom Channel



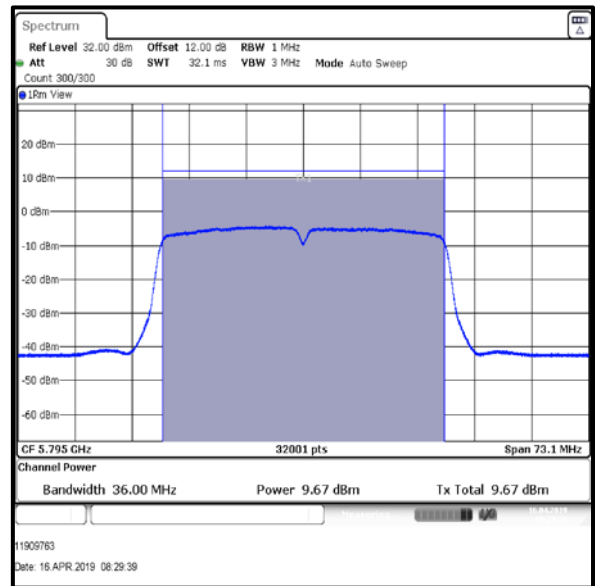
Top Channel

Transmitter Maximum Conducted Output Power (continued)

Results: 802.11n / HT40 / MCS0 / MIMO / Port 3 / PWL 17 / 9 dBi Antenna Group



Bottom Channel



Top Channel

Transmitter Maximum Conducted Output Power (continued)

Results: 802.11ac / HT40 / MCS0 / MIMO / Port 1+2+3 / PWL 17 / 9 dBi Antenna Group

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	8.3	0.4	8.7	8.6	0.4	9.0
Top	7.5	0.4	7.9	7.8	0.4	8.2

Channel	Port 3		
	Conducted Power (dBm)	Duty Cycle Correction (dB)	Corrected Conducted Power (dBm)
Bottom	9.0	0.4	9.4
Top	8.0	0.4	8.4

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	8.7	9.0	9.4	13.8	27.0	13.2	Complied
Top	7.9	8.2	8.4	12.9	27.0	14.1	Complied

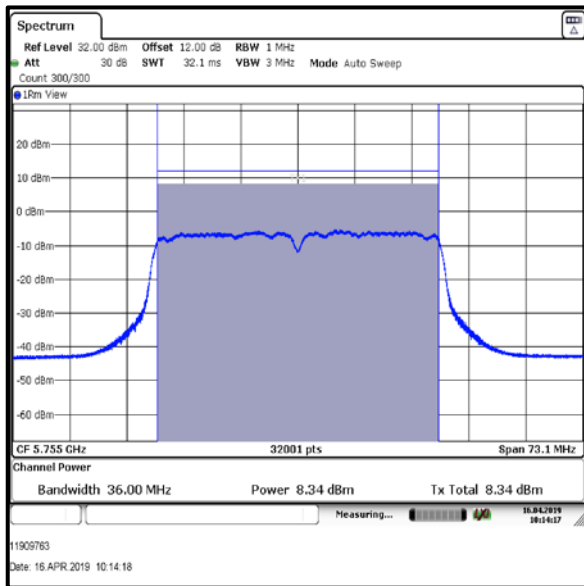
De Facto EIRP Limit Comparison

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
Top	12.9	9.0	21.9	36.0	14.1	Complied

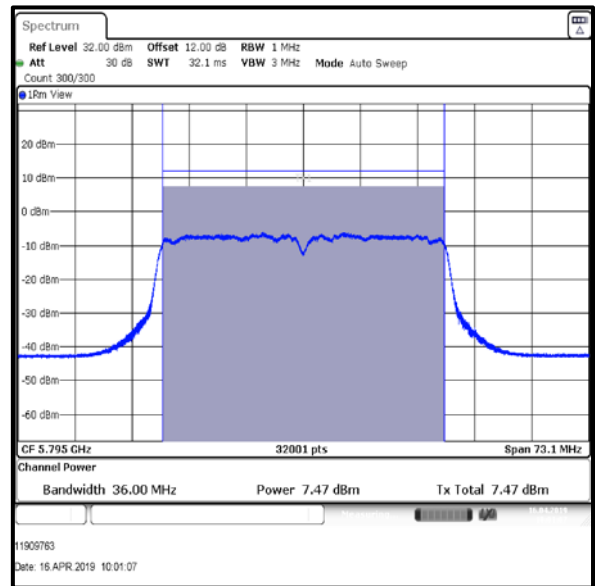
Result: Pass

Transmitter Maximum Conducted Output Power (continued)

Results: 802.11ac / HT40 / MCS0 / MIMO / Port 1 / PWL 17 / 9 dBi Antenna Group

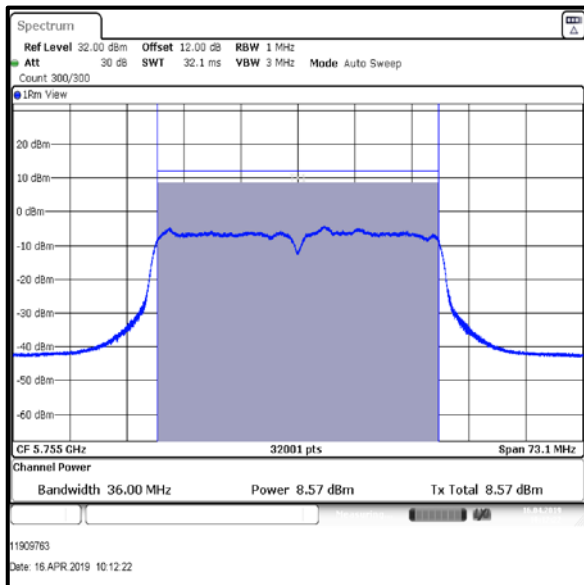


Bottom Channel

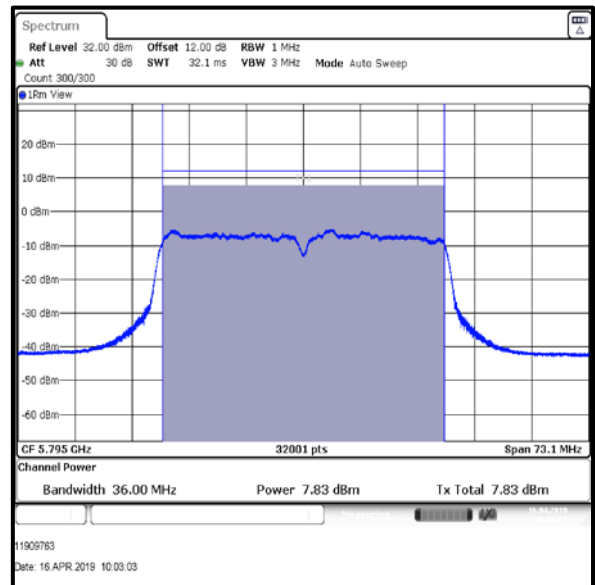


Top Channel

Results: 802.11ac / HT40 / MCS0 / MIMO / Port 2 / PWL 17 / 9 dBi Antenna Group



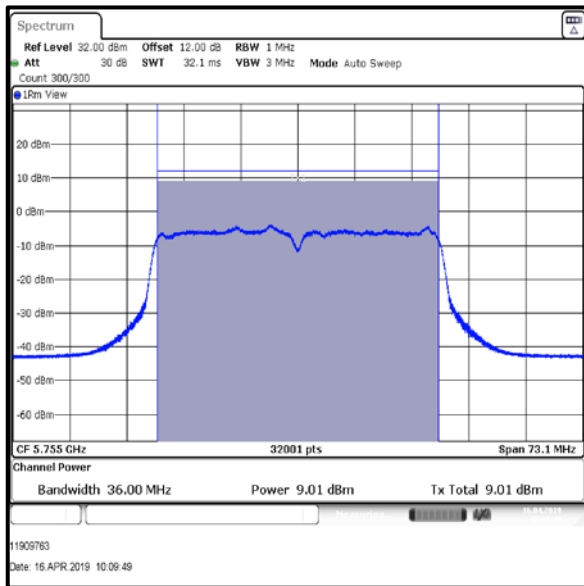
Bottom Channel



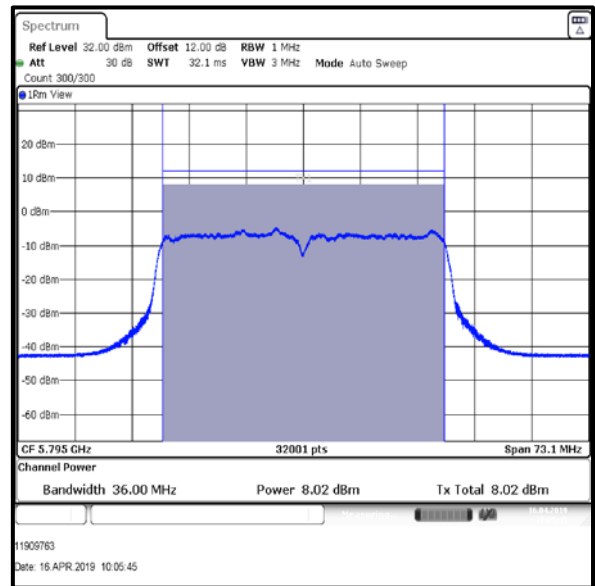
Top Channel

Transmitter Maximum Conducted Output Power (continued)

Results: 802.11ac / HT40 / MCS0 / MIMO / Port 3 / PWL 17 / 9 dBi Antenna Group



Bottom Channel



Top Channel

Transmitter Maximum Conducted Output Power (continued)

Results: 802.11ac / HT80 / MCS0 / MIMO / Port 1+2+3 / PWL 17 / 9 dBi Antenna Group

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)
Single	7.8	0.5	8.3	8.2	0.5	8.7

Channel	Port 3		
	Conducted Power (dBm)	Duty Cycle Correction (dB)	Corrected Conducted Power (dBm)
Single	8.5	0.5	9.0

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
Single	8.3	8.7	9.0	13.5	27.0	13.5	Complied

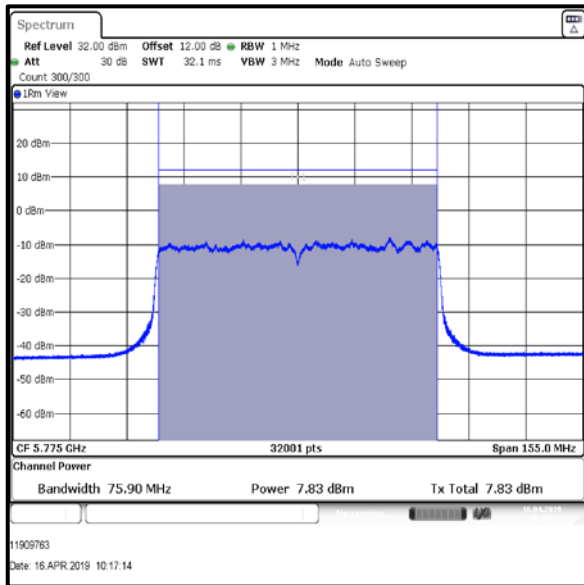
De Facto EIRP Limit Comparison

Channel	Port 1+2+3 Combined Conducted Power (dBm)	Directional Antenna Gain (dBi)	EIRP (dBm)	De Facto EIRP Limit (dBm)	Margin (dB)	Result
Single	13.5	9.0	22.5	36.0	13.5	Complied

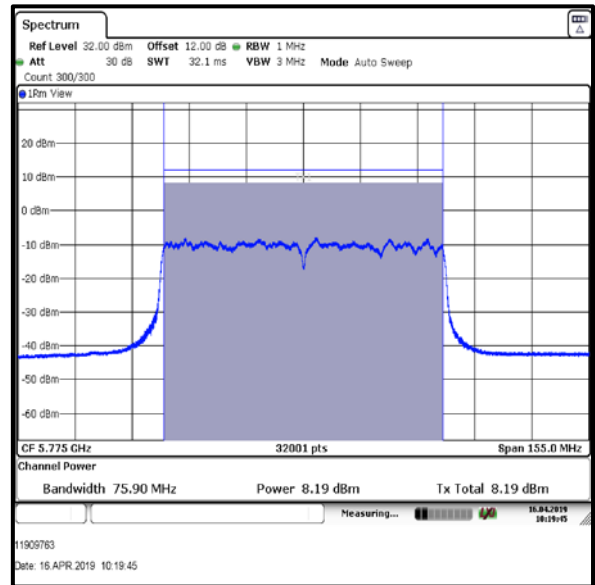
Result: **Pass**

Transmitter Maximum Conducted Output Power (continued)

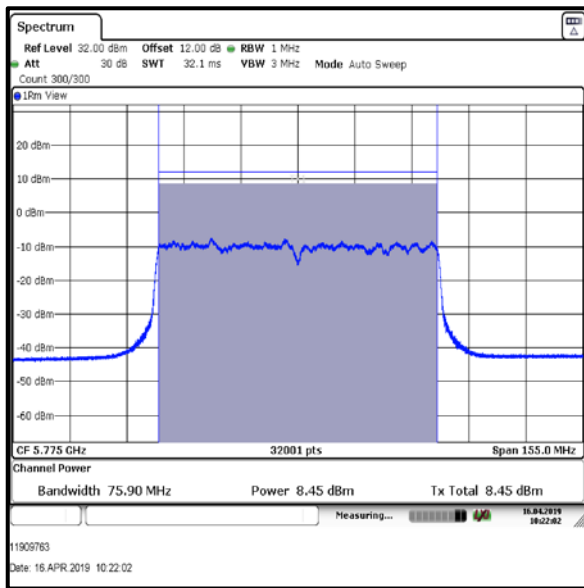
Results: 802.11ac / HT80 / MCS0 / MIMO / Port 1+2+3 / PWL 17 / 9 dBi Antenna Group



Single Channel Port 1



Single Channel Port 2



Single Channel Port 3

Transmitter Maximum Conducted Output Power (continued)

Results: 802.11a / 20 MHz / 6Mbps / MIMO / Port 1+2+3+4 / PWL 21 / 9 dBi Antenna Group

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 +1	12.9	0.3	13.2	13.0	0.3	13.3
Middle	12.7	0.3	13.0	13.0	0.3	13.3
Top -1	11.6	0.3	11.9	12.5	0.3	12.8

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 +1	13.4	0.3	13.7	12.2	0.3	12.5
Middle	13.2	0.3	13.5	12.3	0.3	12.6
Top -1	12.7	0.3	13.0	12.1	0.3	12.4

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 +1	13.2	13.3	13.7	12.5	19.2	27.0	7.8	Complied
Middle	13.0	13.3	13.5	12.6	19.1	27.0	7.9	Complied
Top -1	11.9	12.8	13.0	12.4	18.6	27.0	8.4	Complied

De Facto EIRP Limit Comparison

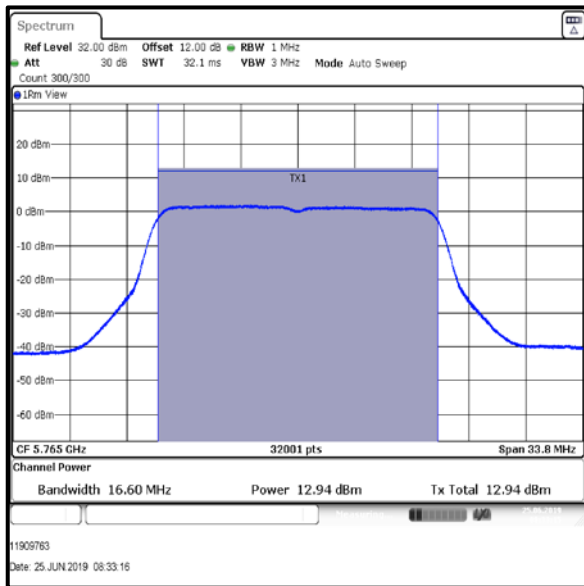
Channel	Port 1+2+3+4 Combined Conducted Power (dBm)	Directional Antenna Gain (dBi)	EIRP (dBm)	De Facto EIRP Limit (dBm)	Margin (dB)	Result
Bottom +1	19.2	9.0	28.2	36.0	7.8	Complied
Middle	19.1	9.0	28.1	36.0	7.9	Complied
Top -1	18.6	9.0	27.6	36.0	8.4	Complied

Result: Pass

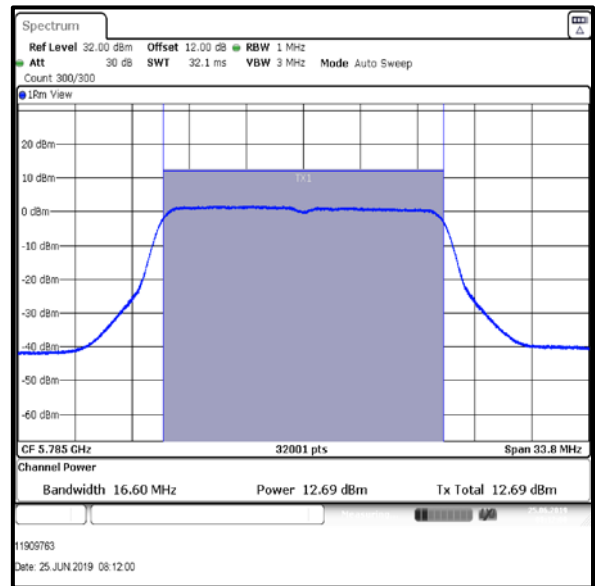


Transmitter Maximum Conducted Output Power (continued)

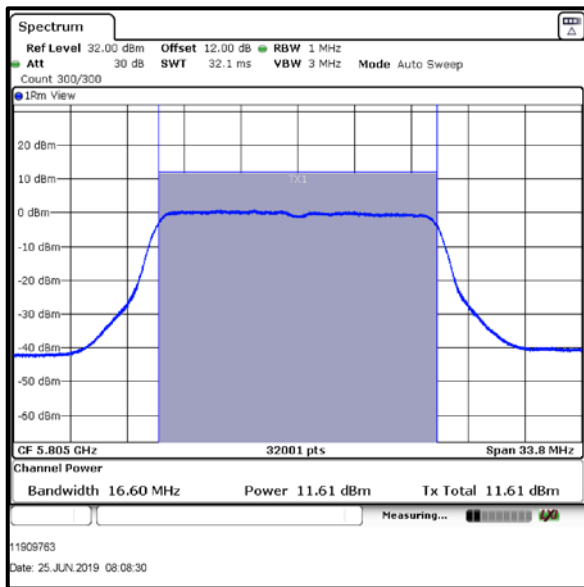
Results: 802.11a / 20 MHz / 6Mbps / MIMO / Port 1 / PWL 21 / 9 dBi Antenna Group



Bottom +1 Channel



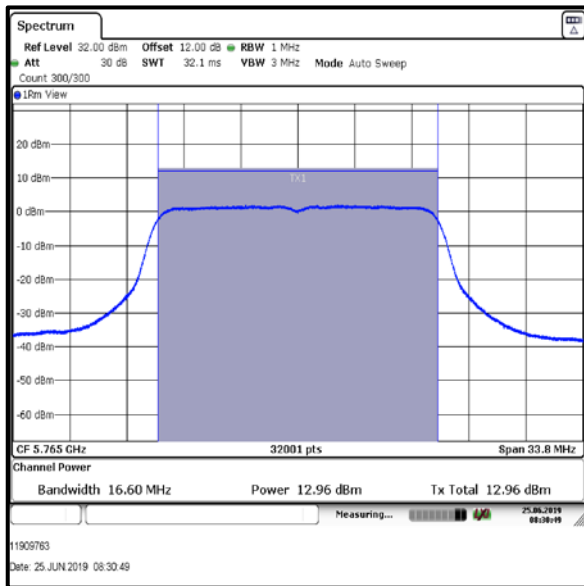
Middle Channel



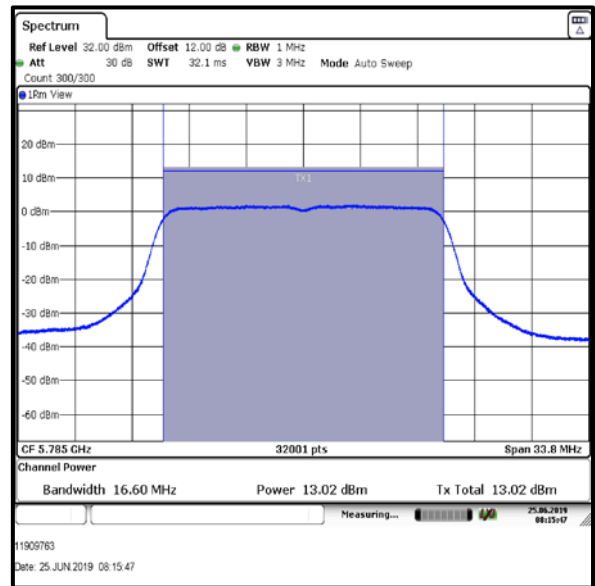
Top -1 Channel

Transmitter Maximum Conducted Output Power (continued)

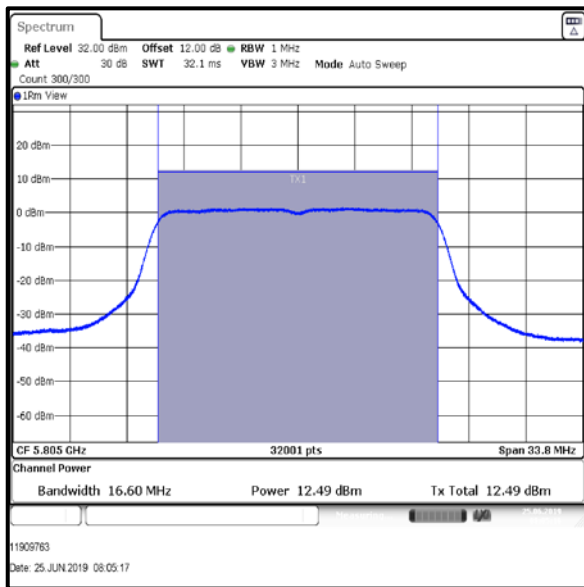
Results: 802.11a / 20 MHz / 6Mbps / MIMO / Port 2 / PWL 21 / 9 dBi Antenna Group



Bottom +1 Channel



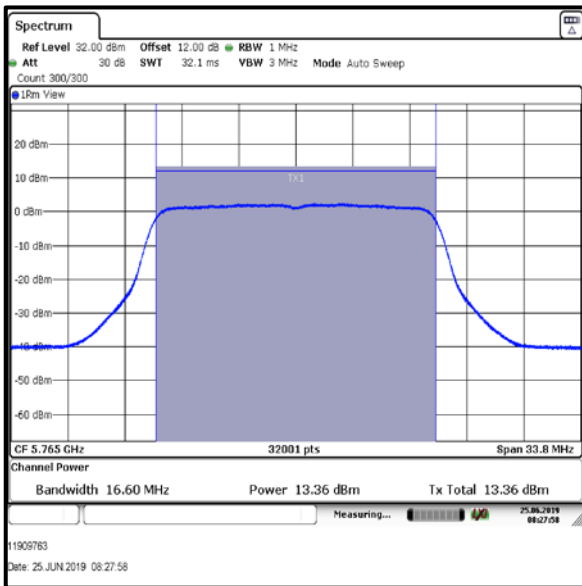
Middle Channel



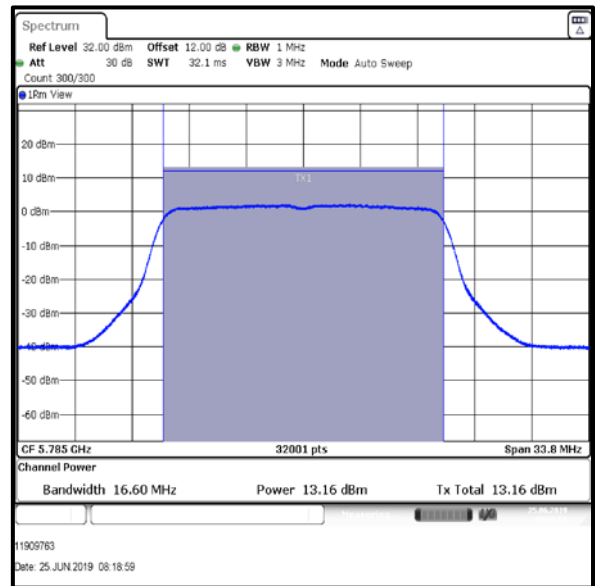
Top -1 Channel

Transmitter Maximum Conducted Output Power (continued)

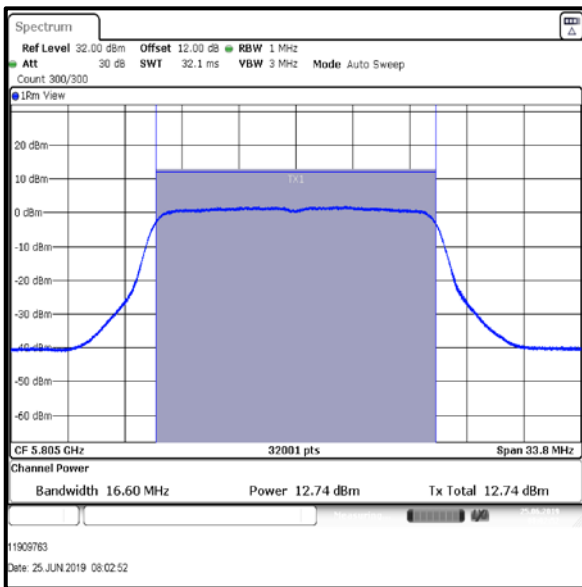
Results: 802.11a / 20 MHz / 6Mbps / MIMO / Port 3 / PWL 21 / 9 dBi Antenna Group



Bottom +1 Channel



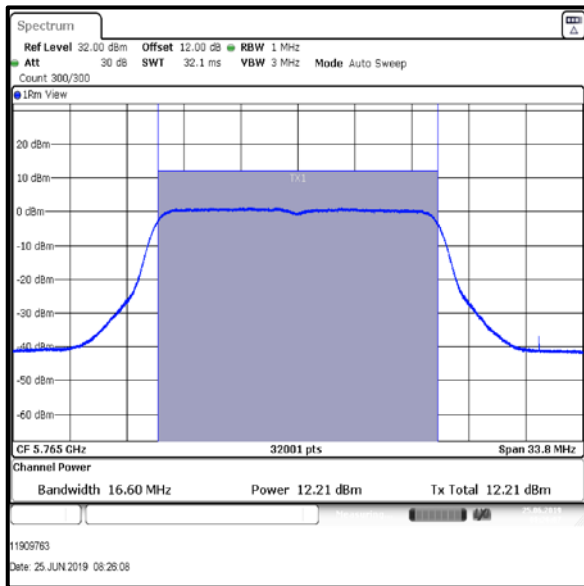
Middle Channel



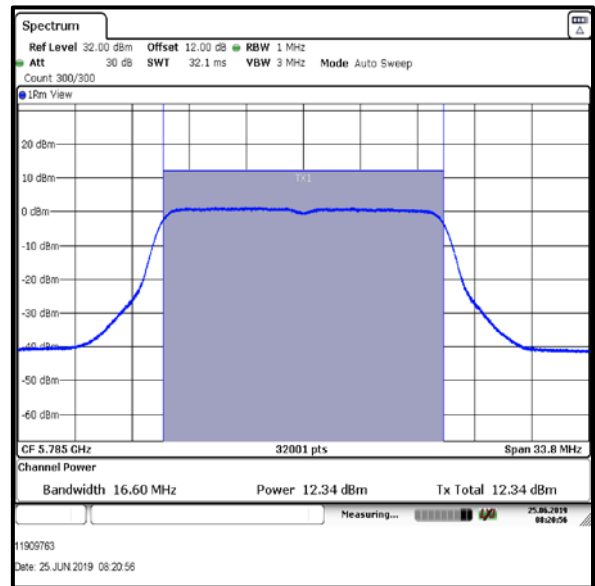
Top -1 Channel

Transmitter Maximum Conducted Output Power (continued)

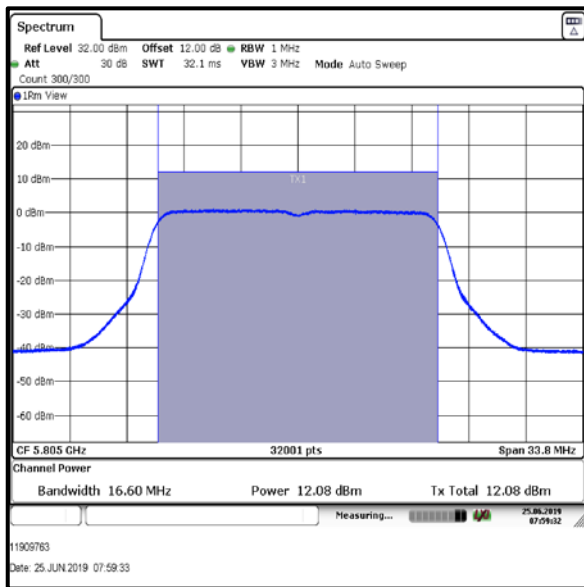
Results: 802.11a / 20 MHz / 6Mbps / MIMO / Port 4 / PWL 21 / 9 dBi Antenna Group



Bottom +1 Channel



Middle Channel



Top -1 Channel

Transmitter Maximum Conducted Output Power (continued)

Results: 802.11a / 20 MHz / 6Mbps / MIMO / Port 1+2+3+4 / PWL 16 / 9 dBi Antenna Group

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	8.5	0.3	8.8	7.9	0.3	8.2
Top	6.7	0.3	7.0	7.1	0.3	7.4

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	8.4	0.3	8.7	6.5	0.3	6.8
Top	7.2	0.3	7.5	6.7	0.3	7.0

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	8.8	8.2	8.7	6.8	14.2	27.0	12.8	Complied
Top	7.0	7.4	7.5	7.0	13.3	27.0	13.7	Complied

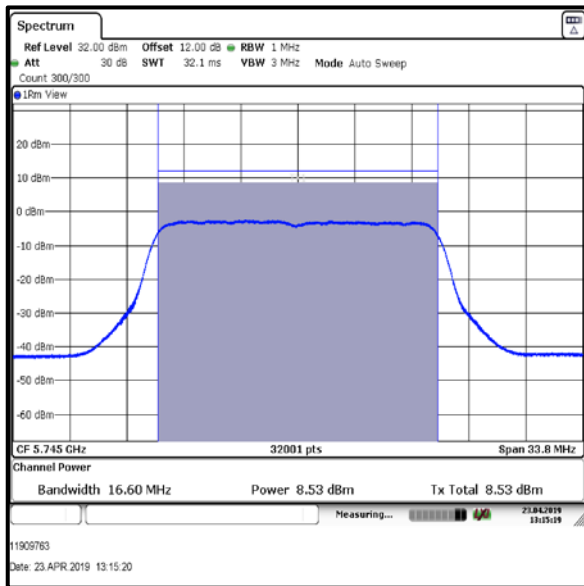
De Facto EIRP Limit Comparison

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	14.2	9.0	23.2	36.0	12.8	Complied
Top	13.3	9.0	22.3	36.0	13.7	Complied

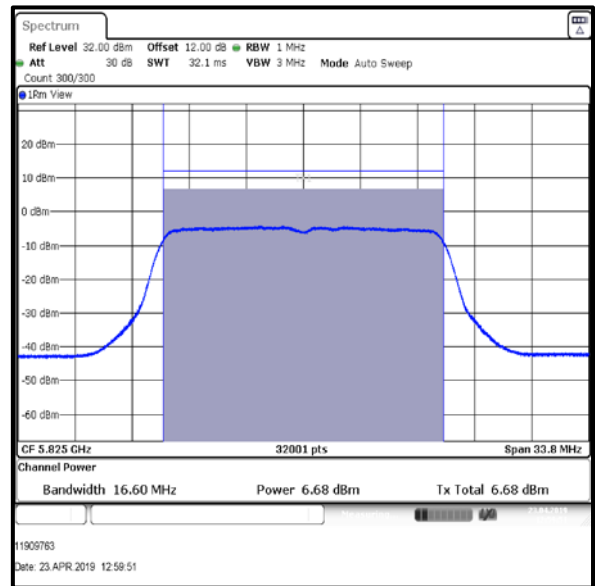
Result: Pass

Transmitter Maximum Conducted Output Power (continued)

Results: 802.11a / 20 MHz / 6Mbps / MIMO / Port 1 / PWL 16 / 9 dBi Antenna Group

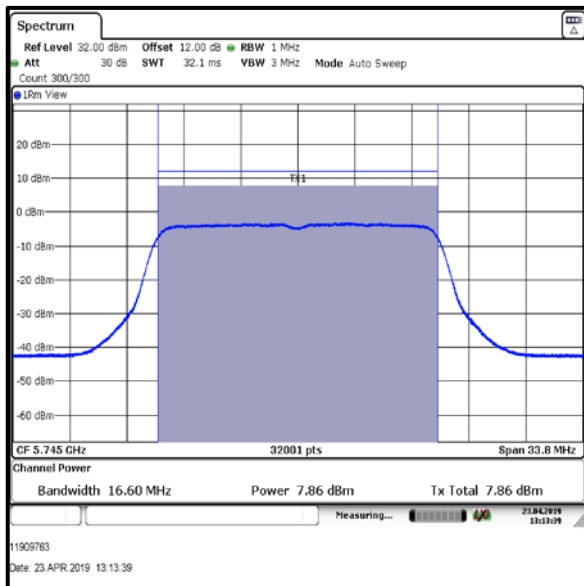


Bottom Channel

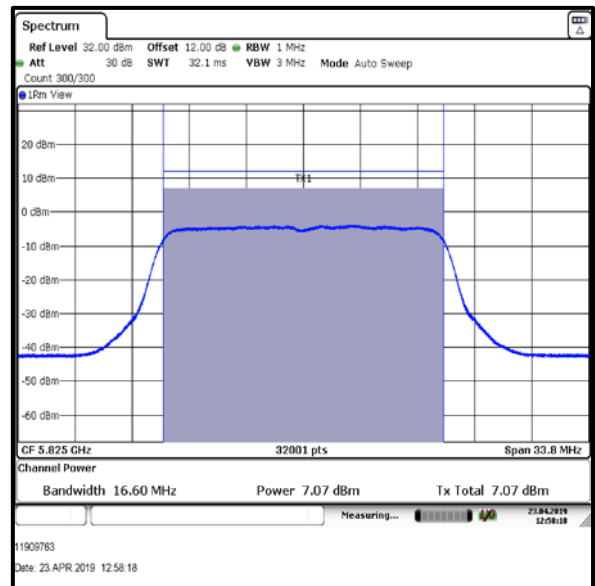


Top Channel

Results: 802.11a / 20 MHz / 6Mbps / MIMO / Port 2 / PWL 16 / 9 dBi Antenna Group



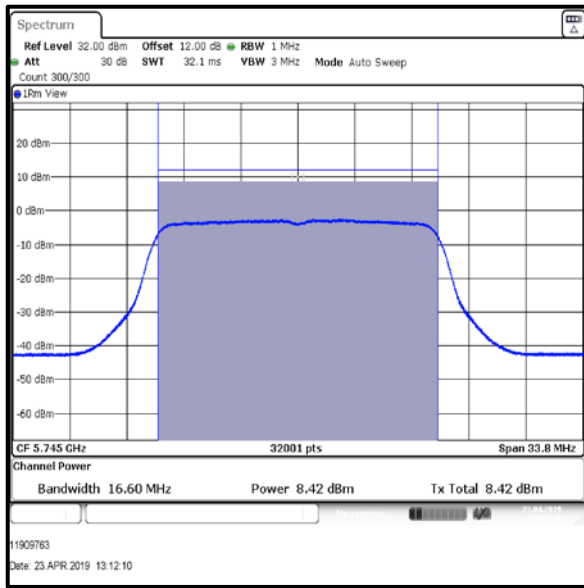
Bottom Channel



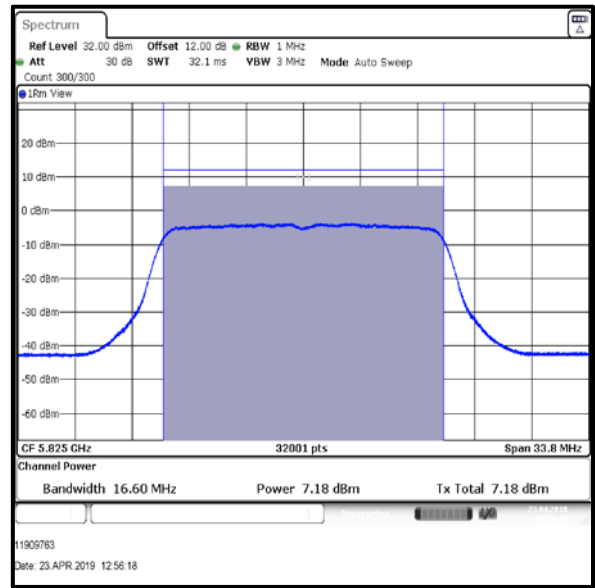
Top Channel

Transmitter Maximum Conducted Output Power (continued)

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

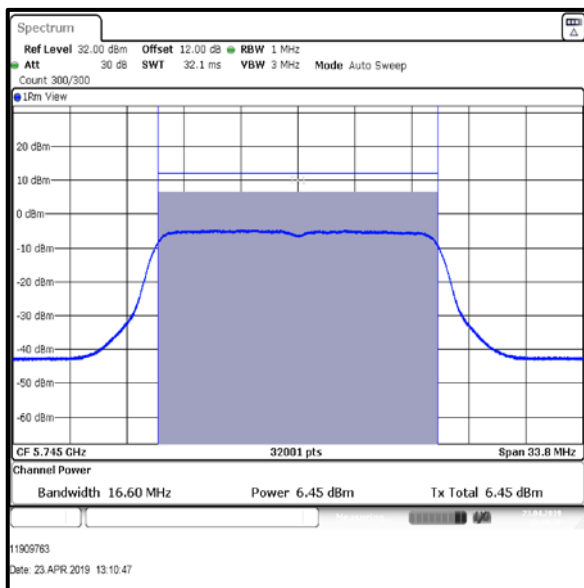


Bottom Channel

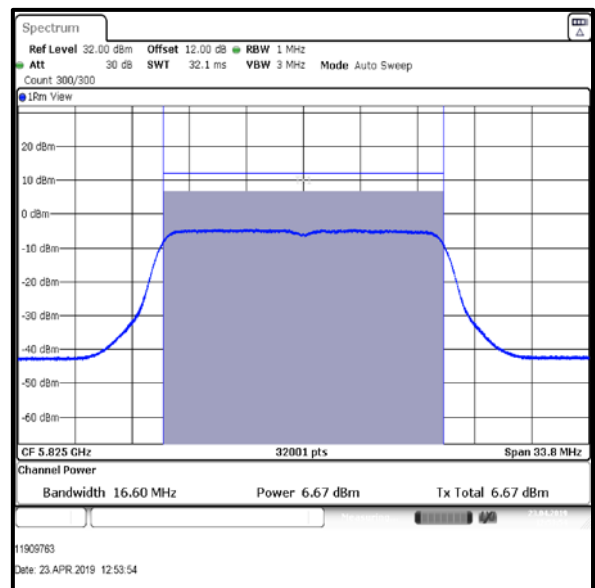


Top Channel

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



Bottom Channel



Top Channel

Transmitter Maximum Conducted Output Power (continued)

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

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 +1	12.8	0.5	13.3	12.7	0.5	13.2
Middle	12.5	0.5	13.0	12.8	0.5	13.3
Top -1	12.3	0.5	12.8	12.8	0.5	13.3

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 +1	13.1	0.5	13.6	12.0	0.5	12.5
Middle	13.0	0.5	13.5	12.1	0.5	12.6
Top -1	12.8	0.5	13.3	12.0	0.5	12.5

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 +1	13.3	13.2	13.6	12.5	19.2	27.0	7.8	Complied
Middle	13.0	13.3	13.5	12.6	19.1	27.0	7.9	Complied
Top -1	12.8	13.3	13.3	12.5	19.0	27.0	8	Complied

De Facto EIRP Limit Comparison

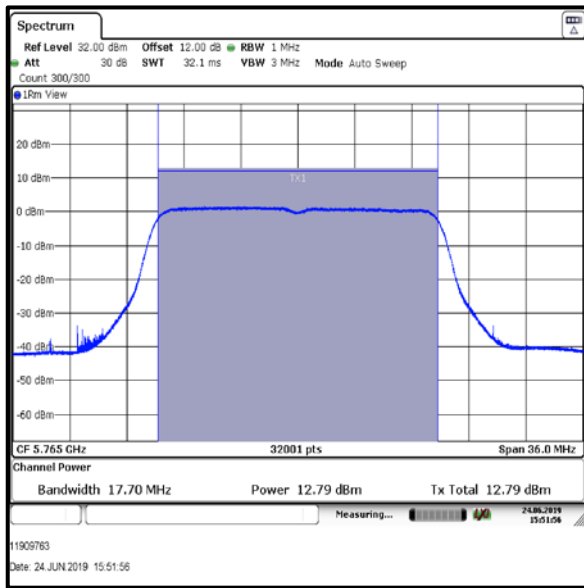
Channel	Port 1+2+3+4 Combined Conducted Power (dBm)	Directional Antenna Gain (dBi)	EIRP (dBm)	De Facto EIRP Limit (dBm)	Margin (dB)	Result
Bottom +1	19.2	9.0	28.2	36.0	7.8	Complied
Middle	19.1	9.0	28.1	36.0	7.9	Complied
Top -1	19.0	9.0	28.0	36.0	8	Complied

Result: **Pass**

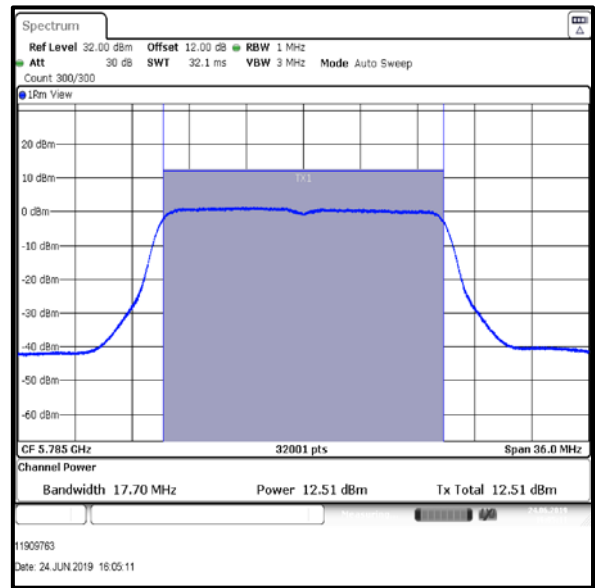


Transmitter Maximum Conducted Output Power (continued)

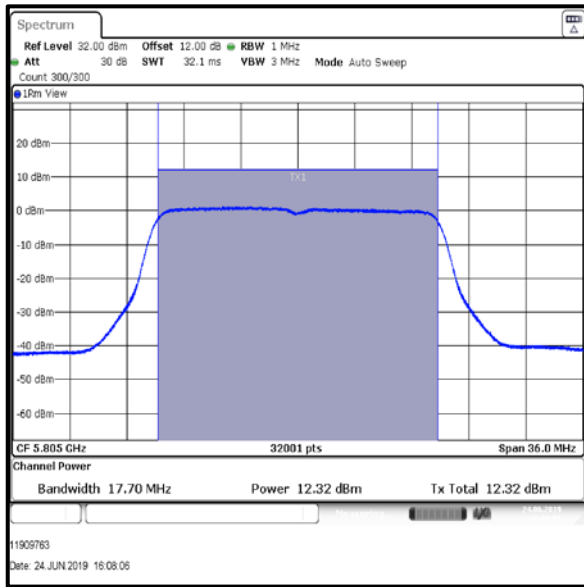
Results: 802.11n / 20 MHz / MCS0 / MIMO / Port 1 / PWL 21 / 9 dBi Antenna Group



Bottom +1 Channel



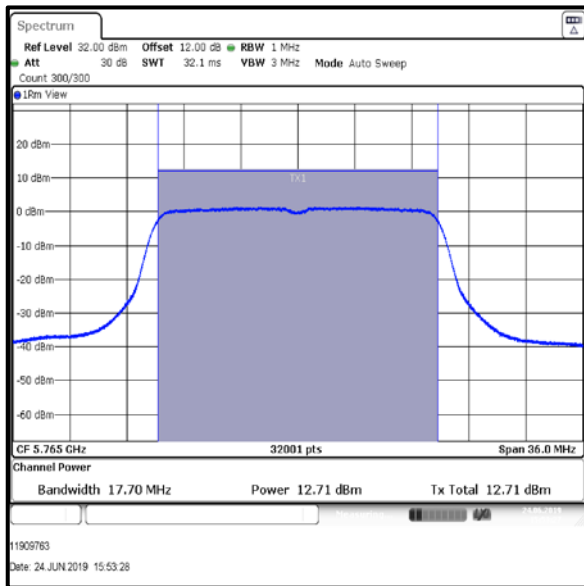
Middle Channel



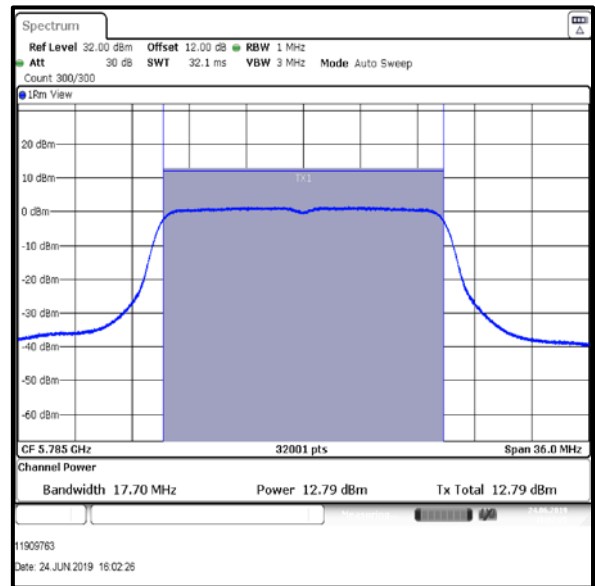
Top -1 Channel

Transmitter Maximum Conducted Output Power (continued)

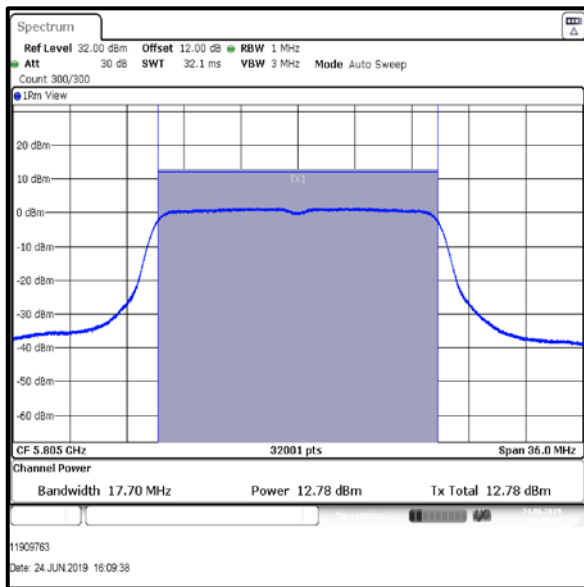
Results: 802.11n / 20 MHz / MCS0 / MIMO / Port 2 / PWL 21 / 9 dBi Antenna Group



Bottom +1 Channel



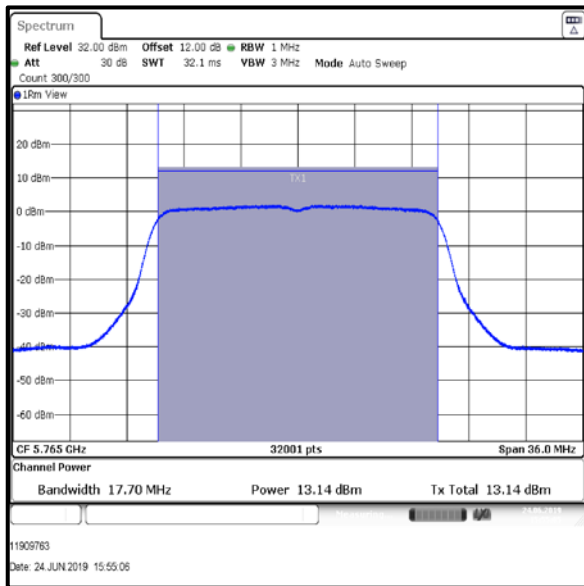
Middle Channel



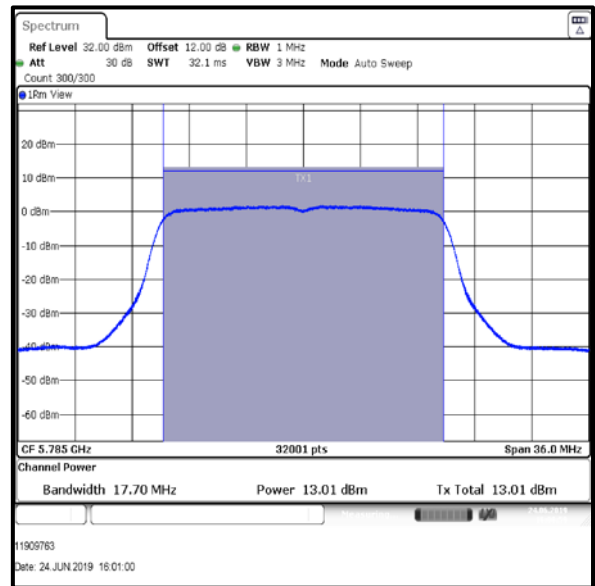
Top -1 Channel

Transmitter Maximum Conducted Output Power (continued)

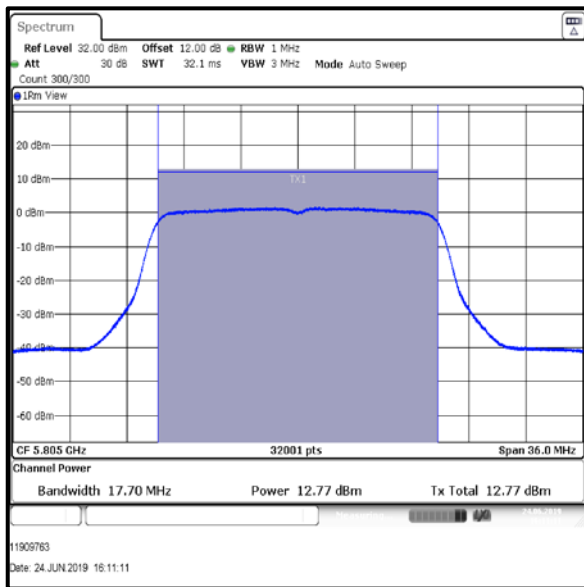
Results: 802.11n / 20 MHz / MCS0 / MIMO / Port 3 / PWL 21 / 9 dBi Antenna Group



Bottom +1 Channel



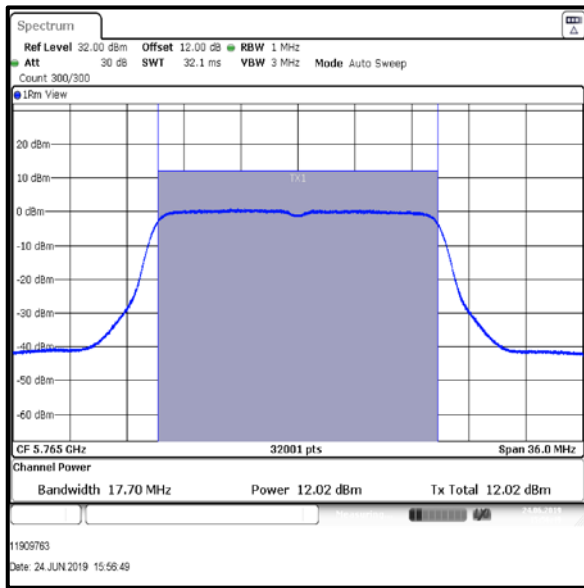
Middle Channel



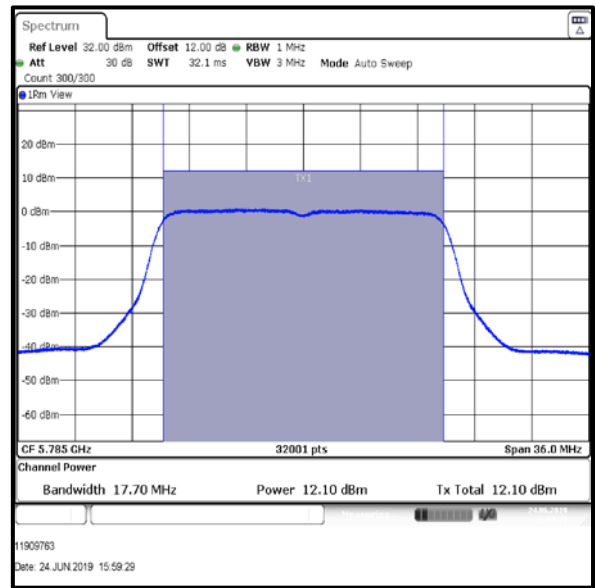
Top -1 Channel

Transmitter Maximum Conducted Output Power (continued)

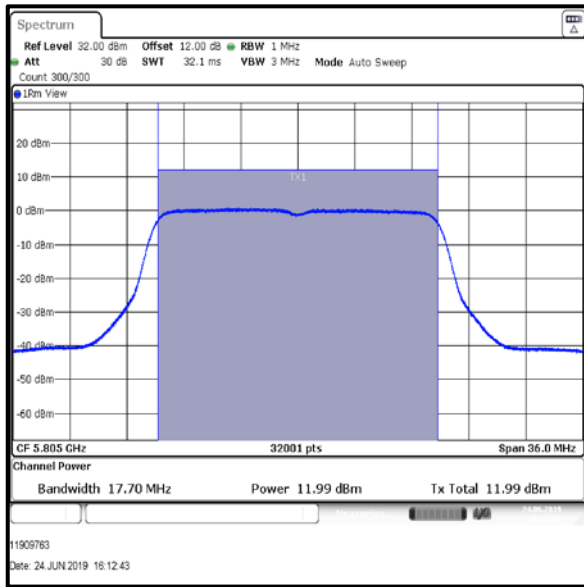
Results: 802.11n / 20 MHz / MCS0 / MIMO / Port 4 / PWL 21 / 9 dBi Antenna Group



Bottom +1 Channel



Middle Channel



Top -1 Channel

Transmitter Maximum Conducted Output Power (continued)

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

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	8.7	0.5	9.2	7.7	0.5	8.2
Top	7.2	0.5	7.7	7.6	0.5	8.1

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	8.2	0.5	8.7	6.4	0.5	6.9
Top	6.9	0.5	7.4	6.7	0.5	7.2

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	9.2	8.2	8.7	6.9	14.4	27.0	12.6	Complied
Top	7.7	8.1	7.4	7.2	13.6	27.0	13.4	Complied

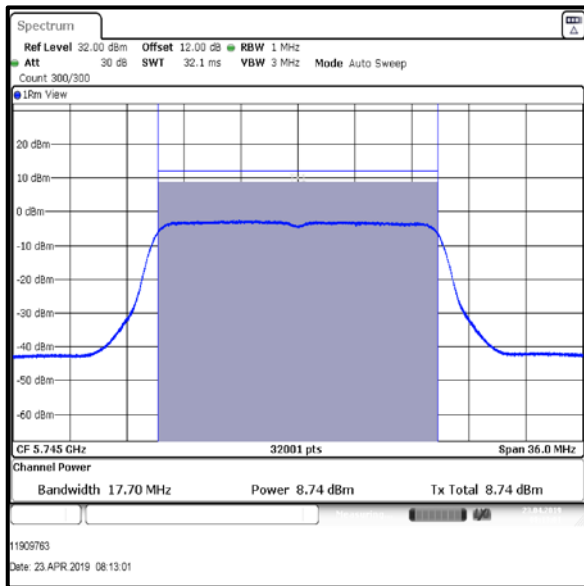
De Facto EIRP Limit Comparison

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	14.4	9.0	23.4	36.0	12.6	Complied
Top	13.6	9.0	22.6	36.0	13.4	Complied

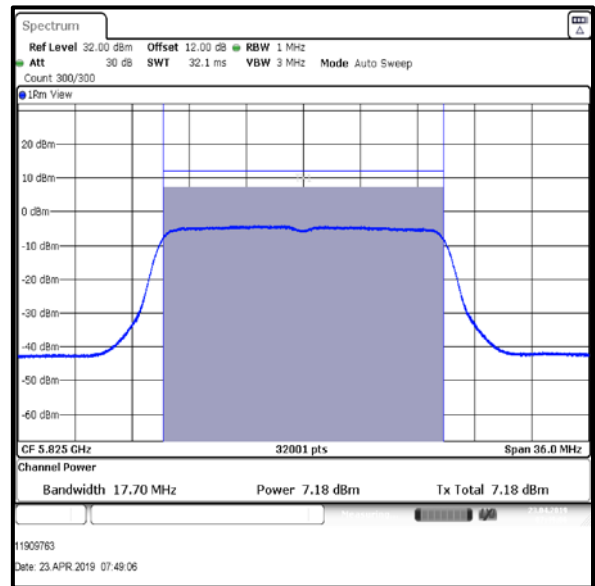
Result: **Pass**

Transmitter Maximum Conducted Output Power (continued)

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

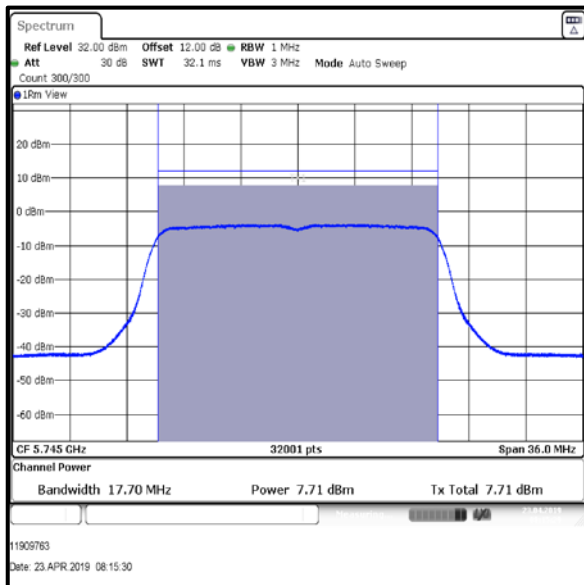


Bottom Channel

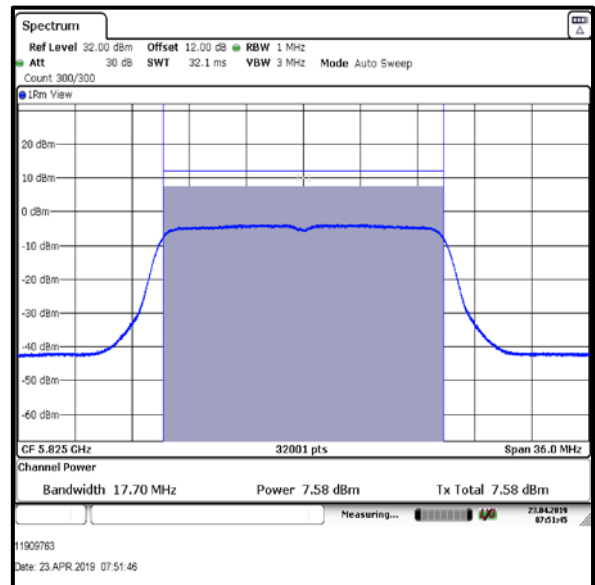


Top Channel

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



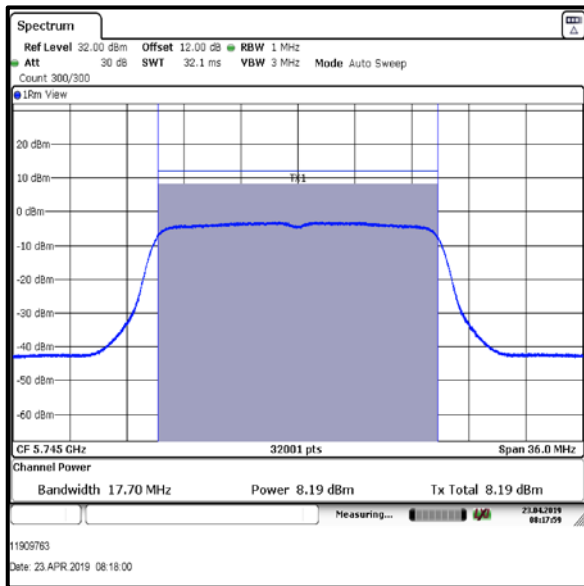
Bottom Channel



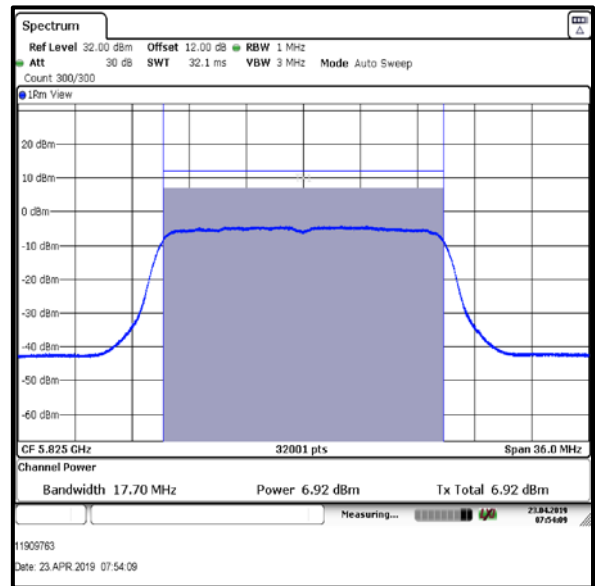
Top Channel

Transmitter Maximum Conducted Output Power (continued)

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

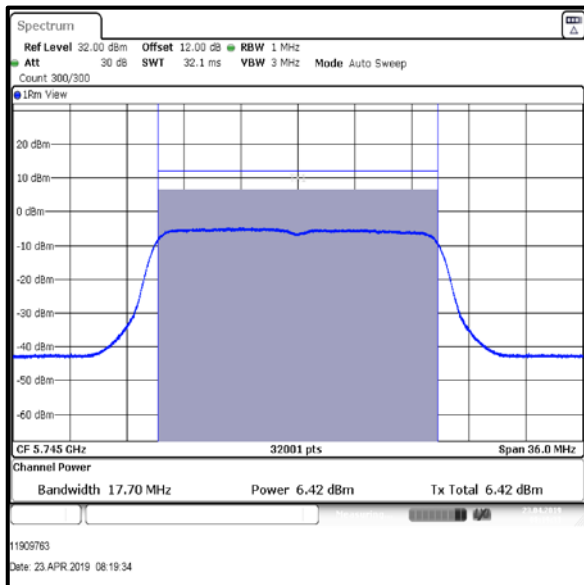


Bottom Channel

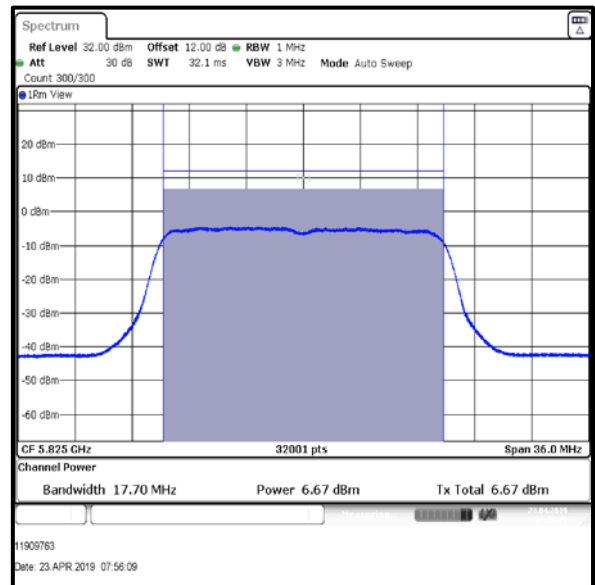


Top Channel

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



Bottom Channel



Top Channel

Transmitter Maximum Conducted Output Power (continued)

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

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 +1	13.1	0.4	13.5	12.8	0.4	13.2
Middle	12.8	0.4	13.2	12.9	0.4	13.3
Top -1	13.1	0.4	13.5	12.8	0.4	13.2

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 +1	13.0	0.4	13.4	12.0	0.4	12.4
Middle	12.9	0.4	13.3	12.0	0.4	12.4
Top -1	12.7	0.4	13.1	11.7	0.4	12.1

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 +1	13.5	13.2	13.4	12.4	19.2	27.0	7.8	Complied
Middle	13.2	13.3	13.3	12.4	19.1	27.0	7.9	Complied
Top -1	13.5	13.2	13.1	12.1	19.0	27.0	8	Complied

De Facto EIRP Limit Comparison

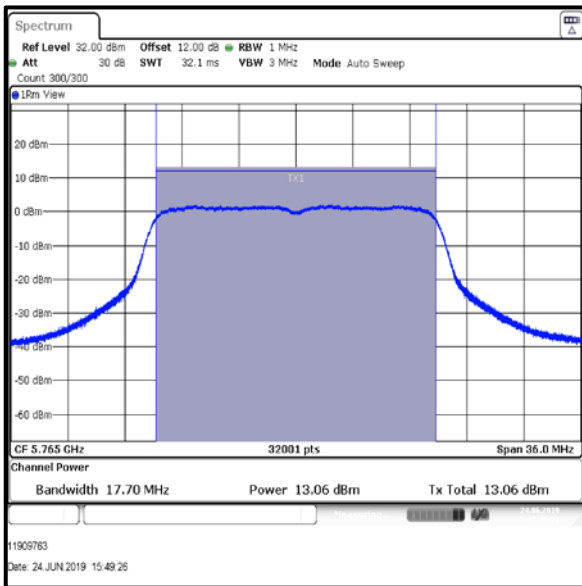
Channel	Port 1+2+3+4 Combined Conducted Power (dBm)	Directional Antenna Gain (dBi)	EIRP (dBm)	De Facto EIRP Limit (dBm)	Margin (dB)	Result
Bottom +1	19.2	9.0	28.2	36.0	-7.8	Complied
Middle	19.1	9.0	28.1	36.0	-7.9	Complied
Top -1	19.0	9.0	28.0	36.0	-8	Complied

Result: **Pass**

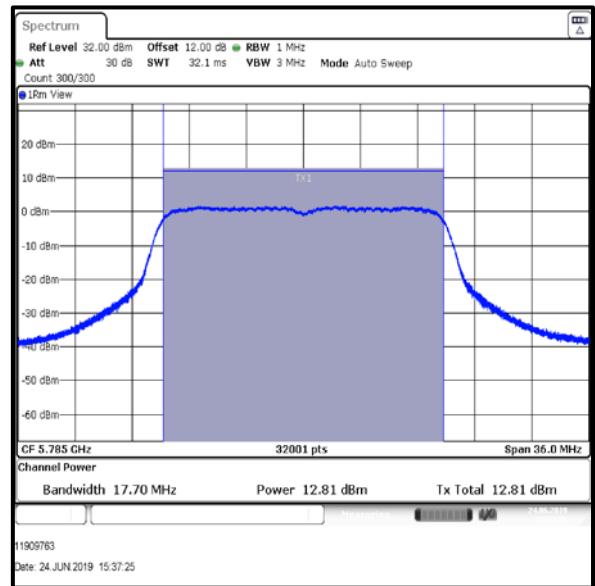


Transmitter Maximum Conducted Output Power (continued)

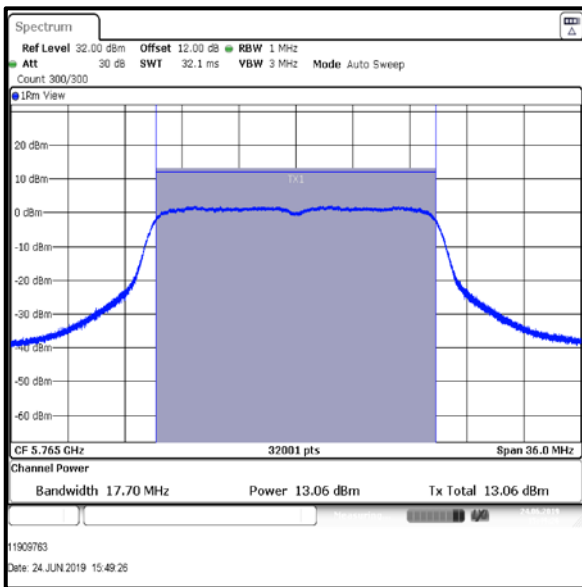
Results: 802.11ac / 20 MHz / MCS0 / MIMO / Port 1 / PWL 21 / 9 dBi Antenna Group



Bottom +1 Channel



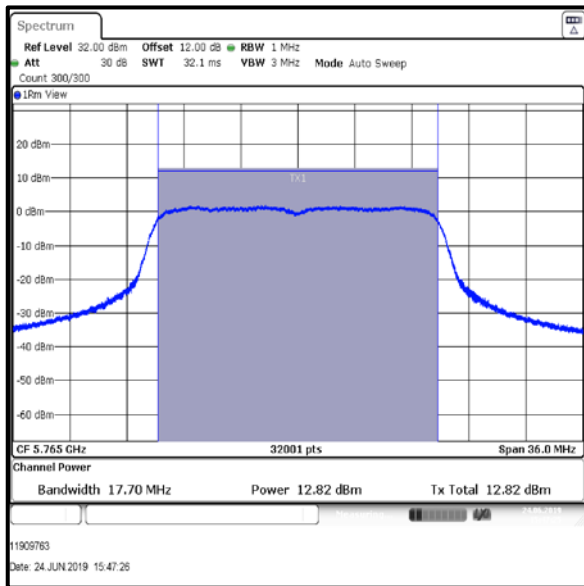
Middle Channel



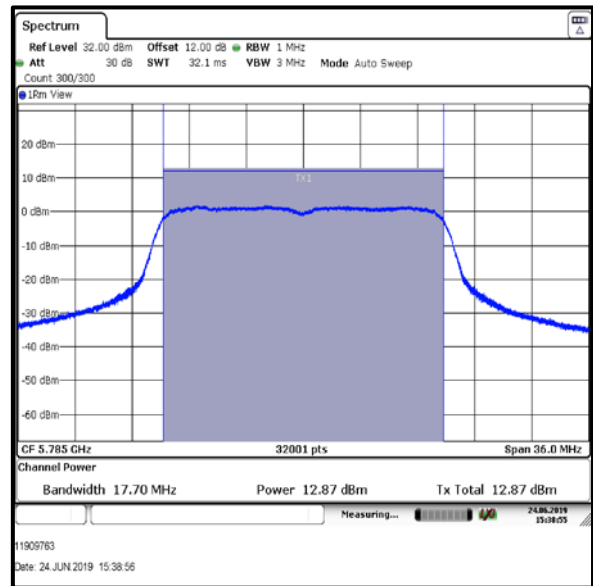
Top -1 Channel

Transmitter Maximum Conducted Output Power (continued)

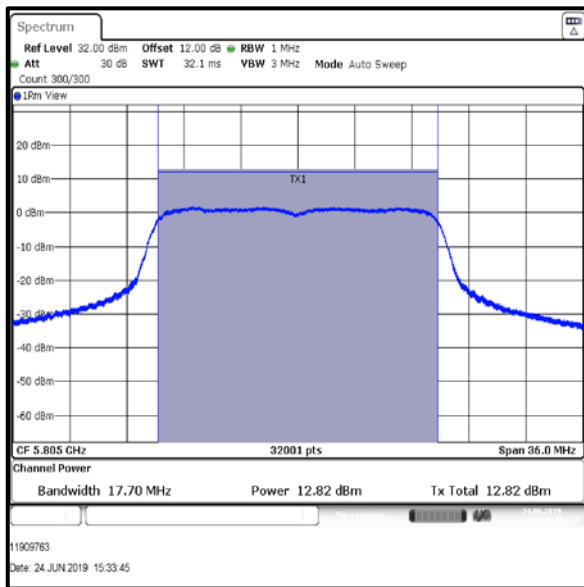
Results: 802.11ac / 20 MHz / MCS0 / MIMO / Port 2 / PWL 21 / 9 dBi Antenna Group



Bottom +1 Channel



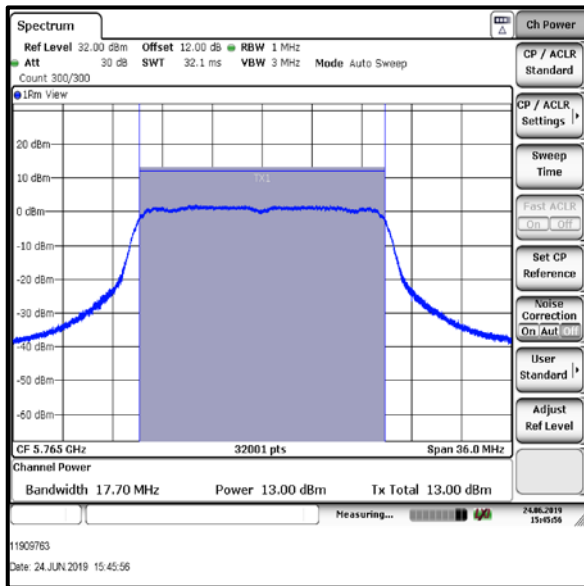
Middle Channel



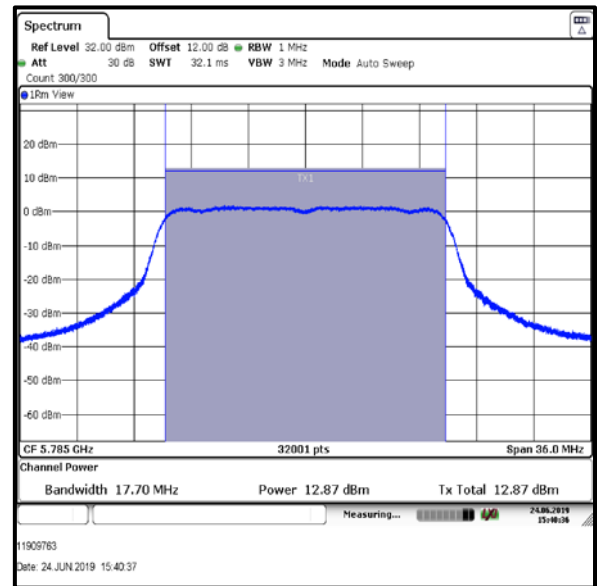
Top -1 Channel

Transmitter Maximum Conducted Output Power (continued)

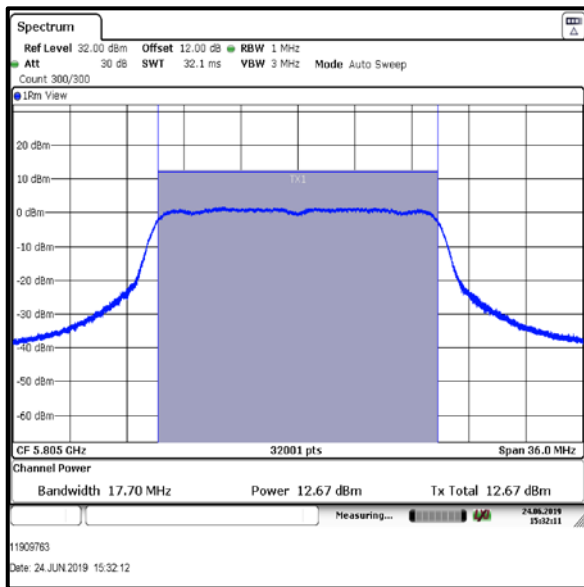
Results: 802.11ac / 20 MHz / MCS0 / MIMO / Port 3 / PWL 21 / 9 dBi Antenna Group



Bottom +1 Channel



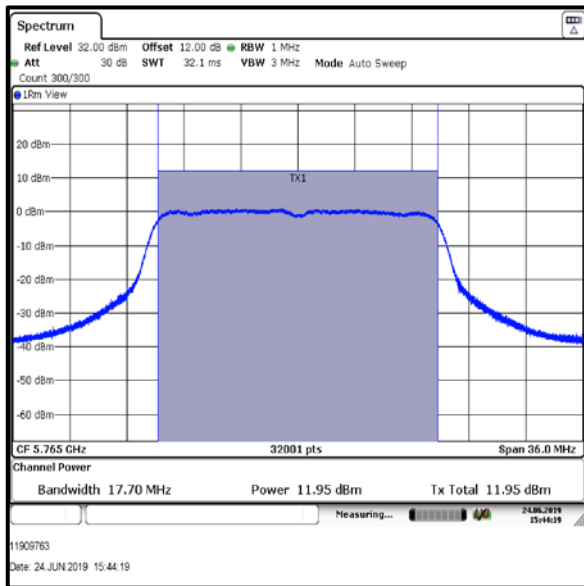
Middle Channel



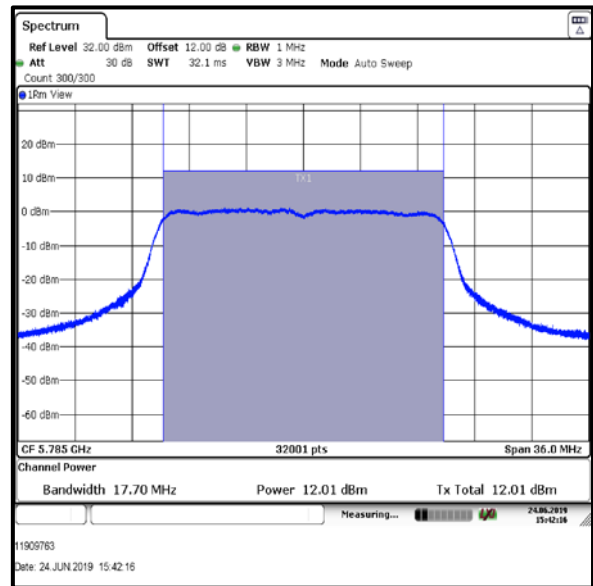
Top -1 Channel

Transmitter Maximum Conducted Output Power (continued)

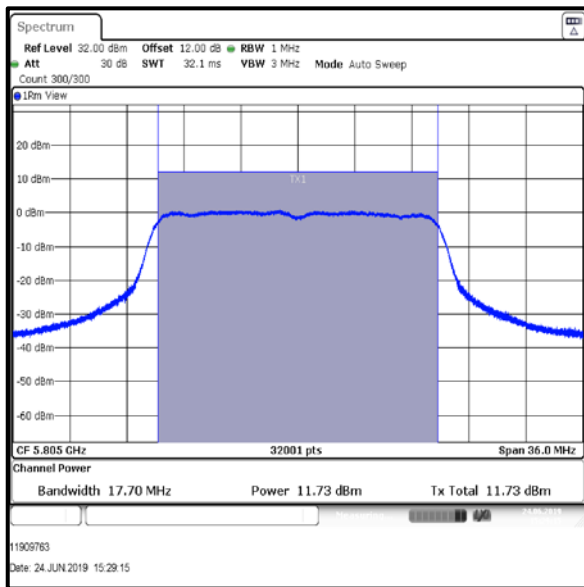
Results: 802.11ac / 20 MHz / MCS0 / MIMO / Port 4 / PWL 21 / 9 dBi Antenna Group



Bottom +1 Channel



Middle Channel



Top -1 Channel

Transmitter Maximum Conducted Output Power (continued)

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

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	9.1	0.4	9.5	7.8	0.4	8.2
Top	7.3	0.4	7.7	7.5	0.4	7.9

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	8.1	0.4	8.5	6.0	0.4	6.4
Top	7.5	0.4	7.9	6.5	0.4	6.9

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	9.5	8.2	8.5	6.4	14.3	27.0	12.7	Complied
Top	7.7	7.9	7.9	6.9	13.6	27.0	13.4	Complied

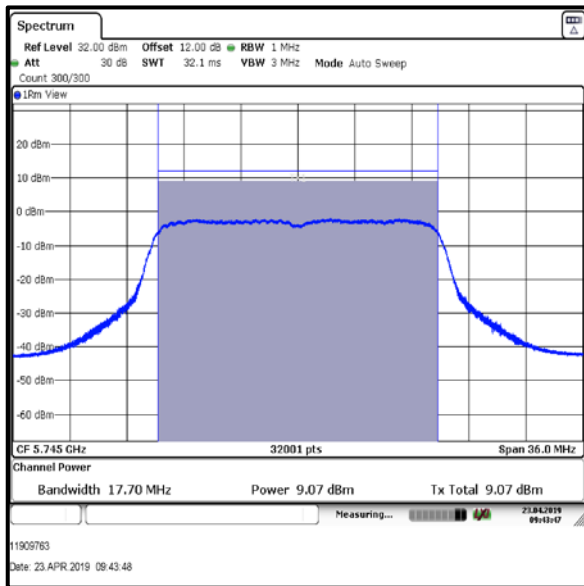
De Facto EIRP Limit Comparison

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	14.3	9.0	23.3	36.0	12.7	Complied
Top	13.6	9.0	22.6	36.0	13.4	Complied

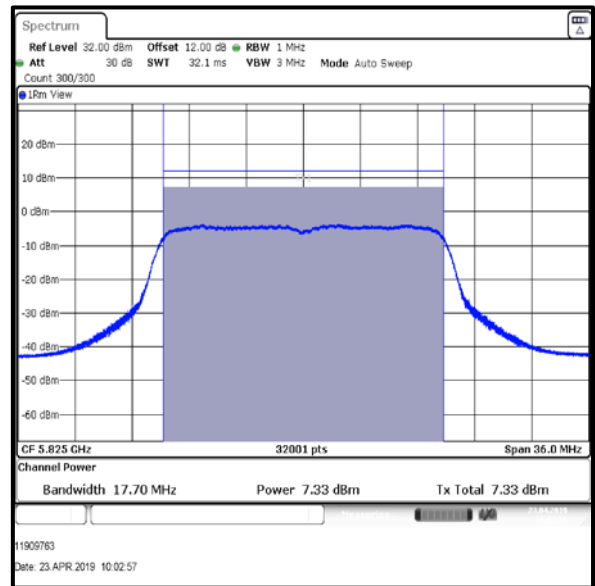
Result: Pass

Transmitter Maximum Conducted Output Power (continued)

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

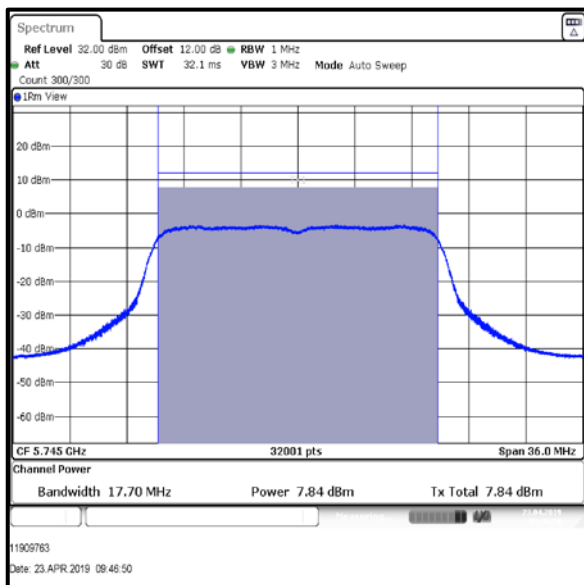


Bottom Channel

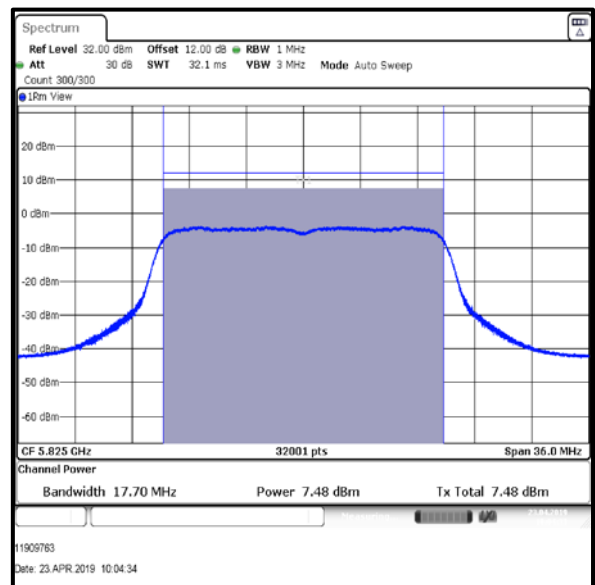


Top Channel

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



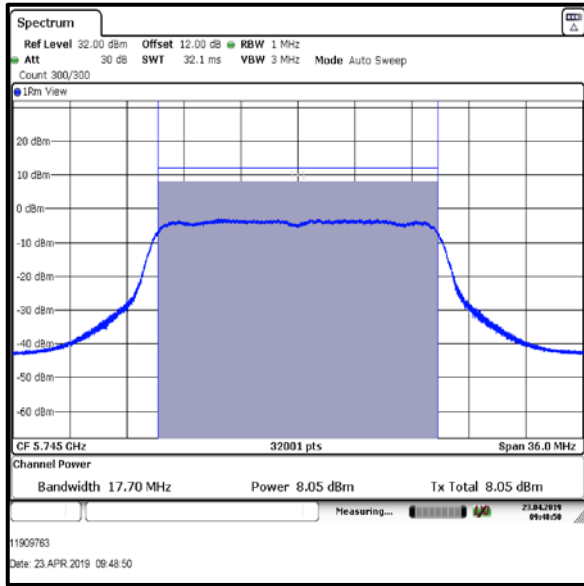
Bottom Channel



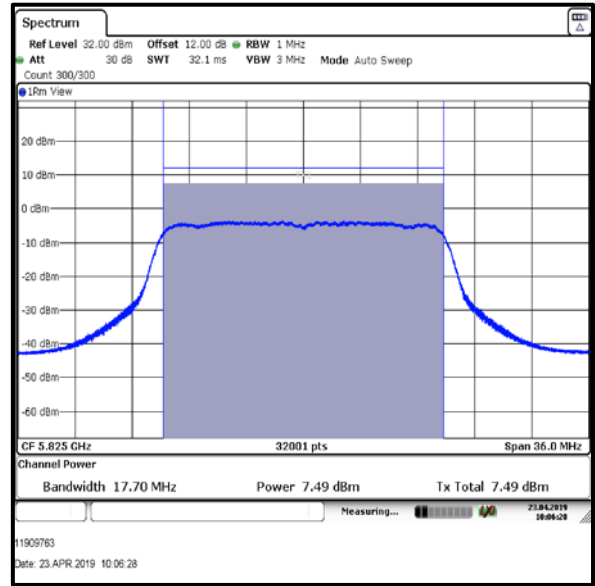
Top Channel

Transmitter Maximum Conducted Output Power (continued)

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

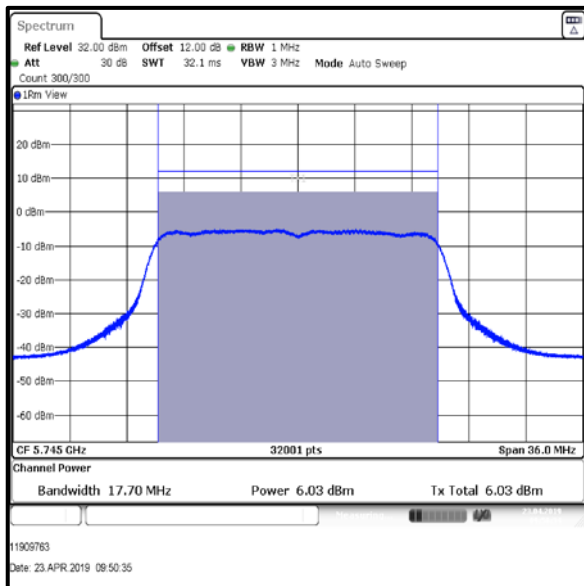


Bottom Channel

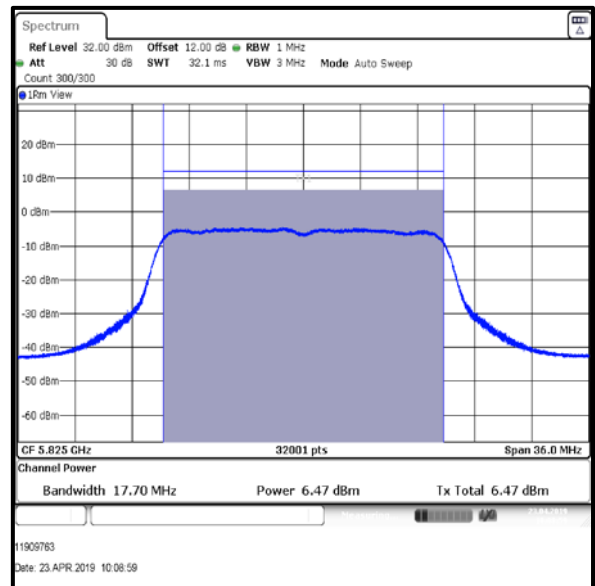


Top Channel

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



Bottom Channel



Top Channel

Transmitter Maximum Conducted Output Power (continued)

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

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	8.3	0.4	8.7	7.5	0.4	7.9
Top	8.0	0.4	8.4	7.5	0.4	7.9

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	7.9	0.4	8.3	6.2	0.4	6.6
Top	7.6	0.4	8.0	6.4	0.4	6.8

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	8.7	7.9	8.3	6.6	14.0	27.0	13	Complied
Top	8.4	7.9	8.0	6.8	13.8	27.0	13.2	Complied

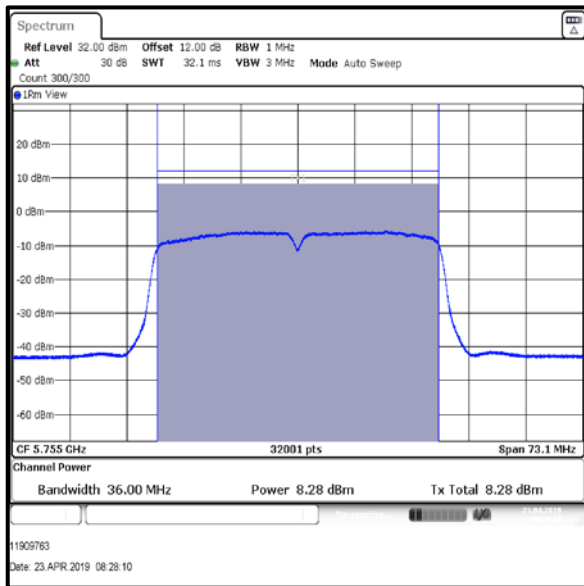
De Facto EIRP Limit Comparison

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	14.0	9.0	23.0	36.0	13.0	Complied
Top	13.8	9.0	22.8	36.0	13.2	Complied

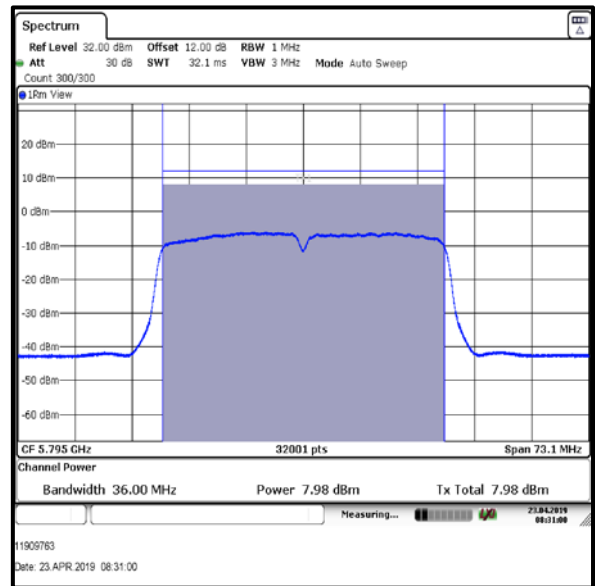
Result: Pass

Transmitter Maximum Conducted Output Power (continued)

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

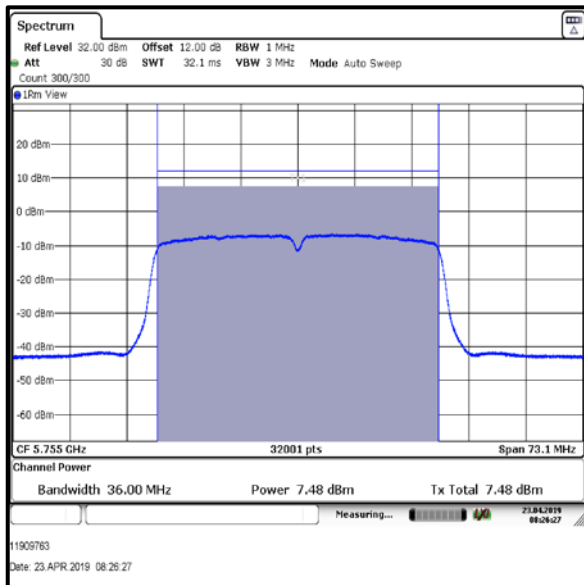


Bottom Channel

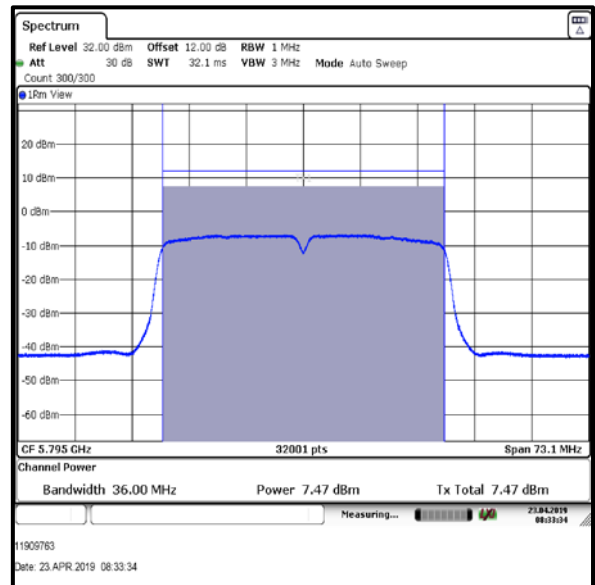


Top Channel

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



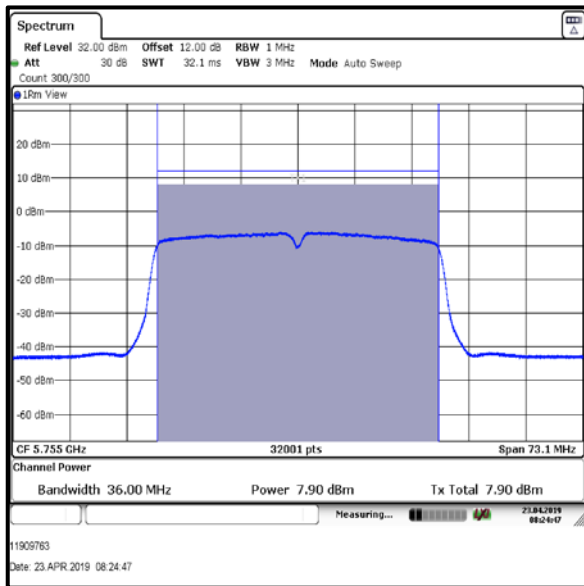
Bottom Channel



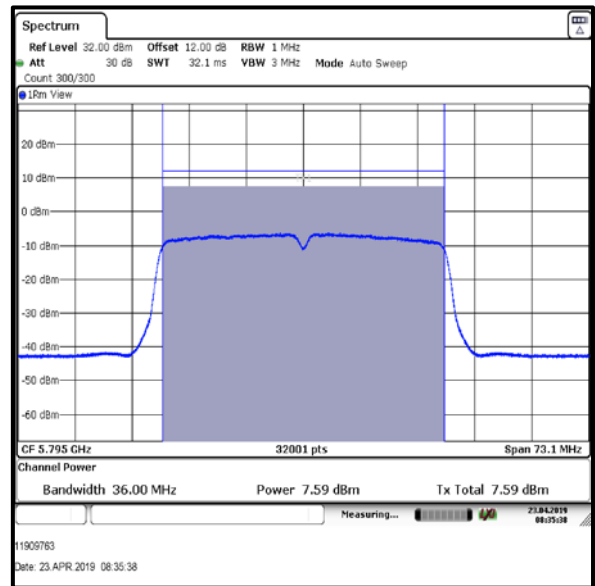
Top Channel

Transmitter Maximum Conducted Output Power (continued)

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

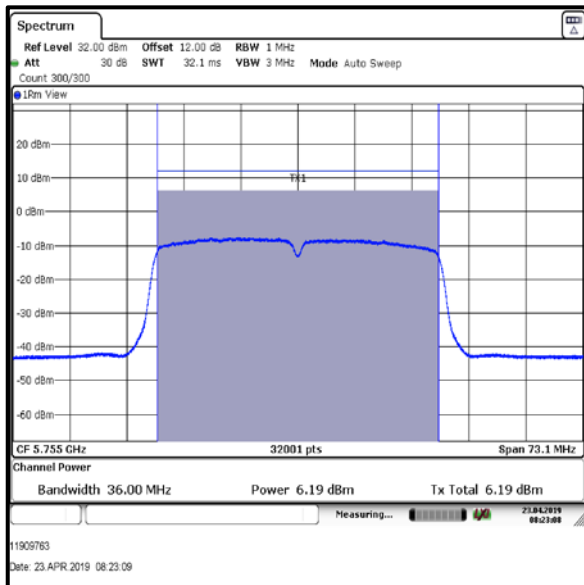


Bottom Channel

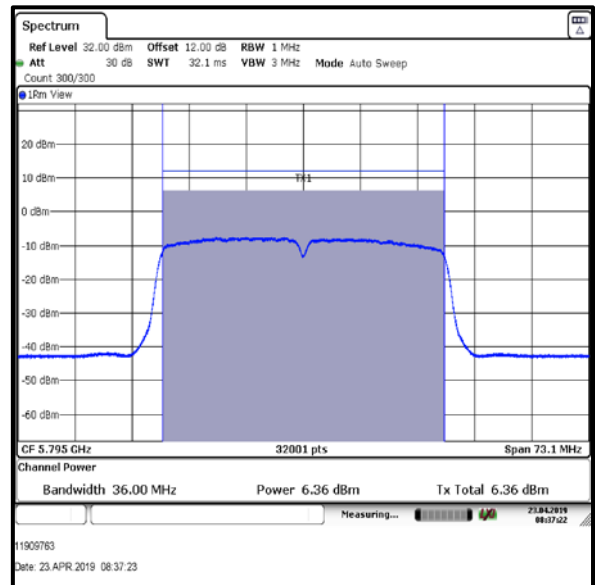


Top Channel

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



Bottom Channel



Top Channel

Transmitter Maximum Conducted Output Power (continued)

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

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	7.1	0.4	7.5	6.3	0.4	6.7
Top	6.8	0.4	7.2	6.3	0.4	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	6.5	0.4	6.9	4.6	0.4	5.0
Top	6.2	0.4	6.6	4.1	0.4	4.5

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	7.5	6.7	6.9	5.0	12.6	27.0	14.4	Complied
Top	7.2	6.7	6.6	4.5	12.4	27.0	14.6	Complied

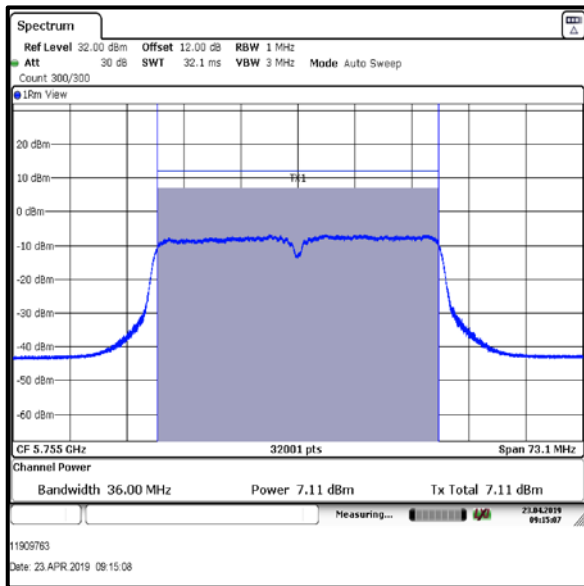
De Facto EIRP Limit Comparison

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	12.6	9.0	21.6	36.0	14.4	Complied
Top	12.4	9.0	21.4	36.0	14.6	Complied

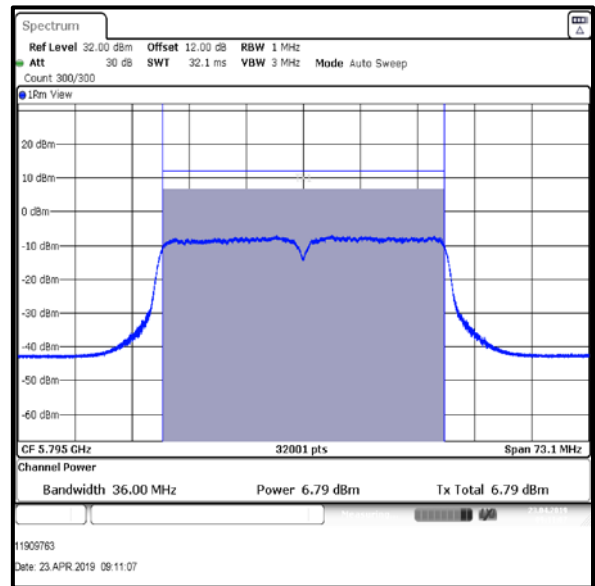
Result: Pass

Transmitter Maximum Conducted Output Power (continued)

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

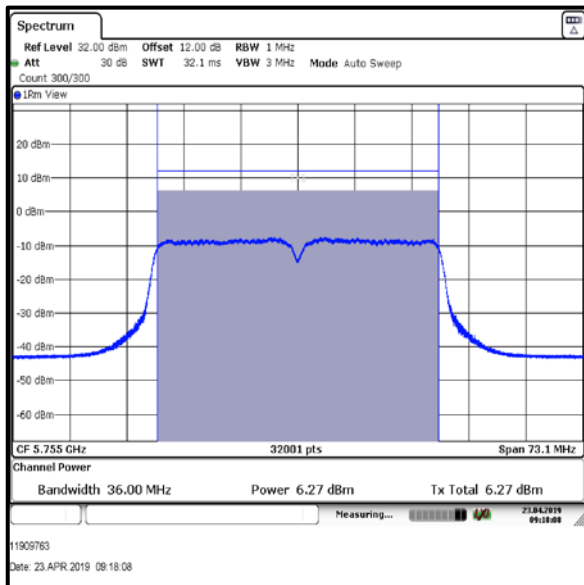


Bottom Channel

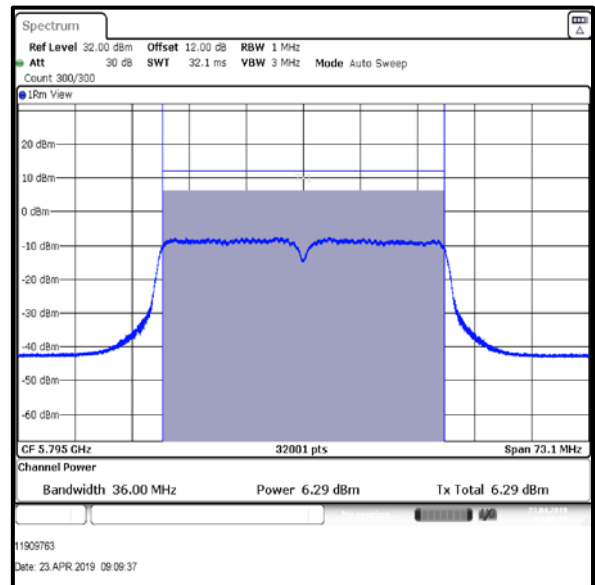


Top Channel

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



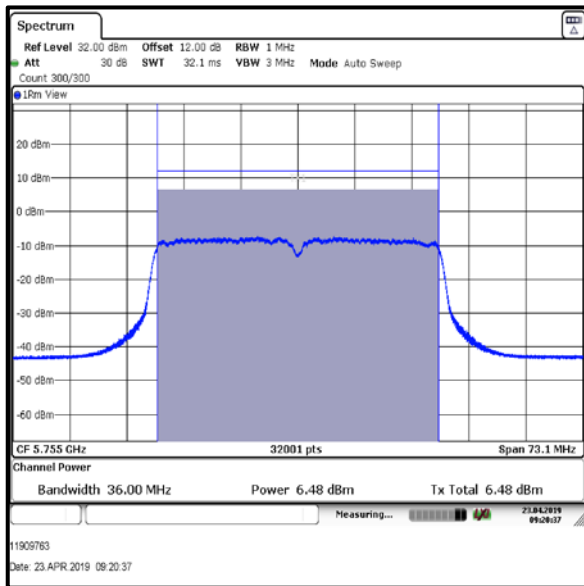
Bottom Channel



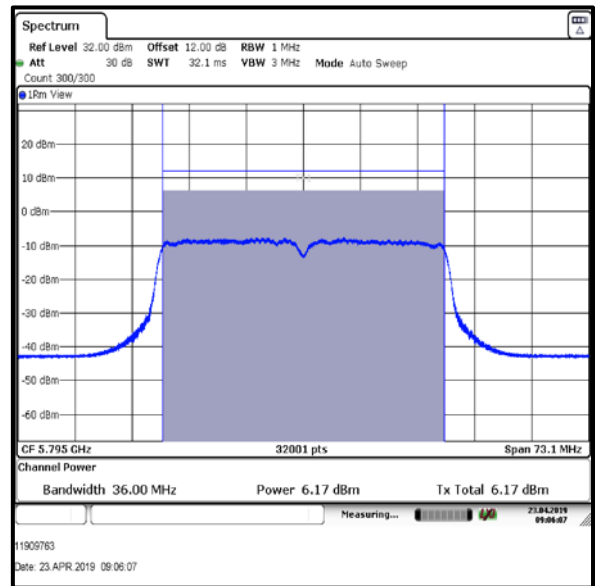
Top Channel

Transmitter Maximum Conducted Output Power (continued)

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

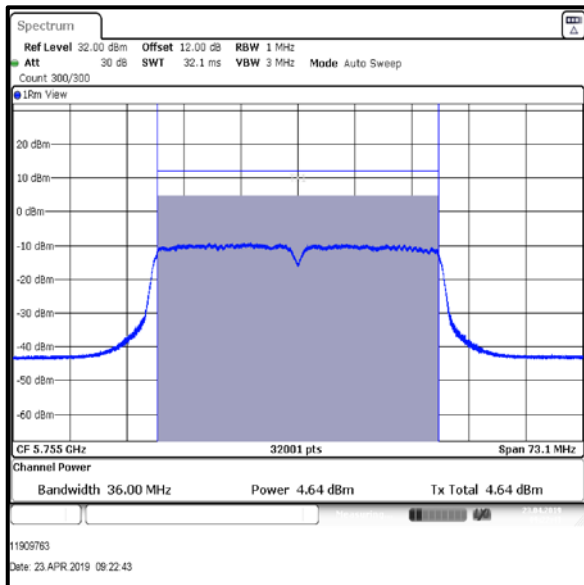


Bottom Channel

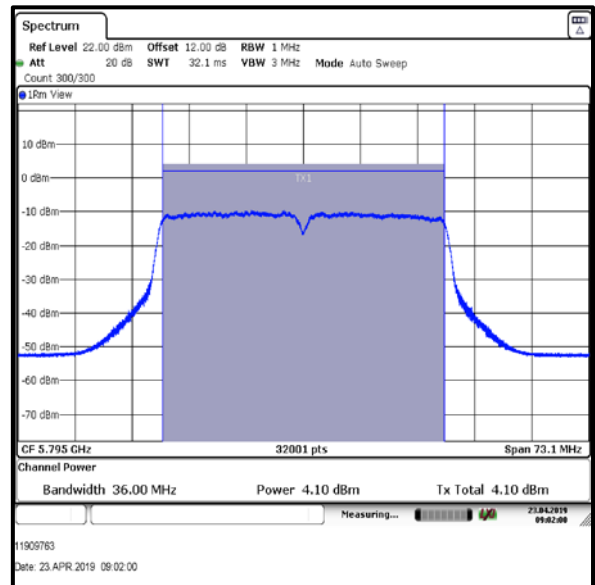


Top Channel

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



Bottom Channel



Top Channel