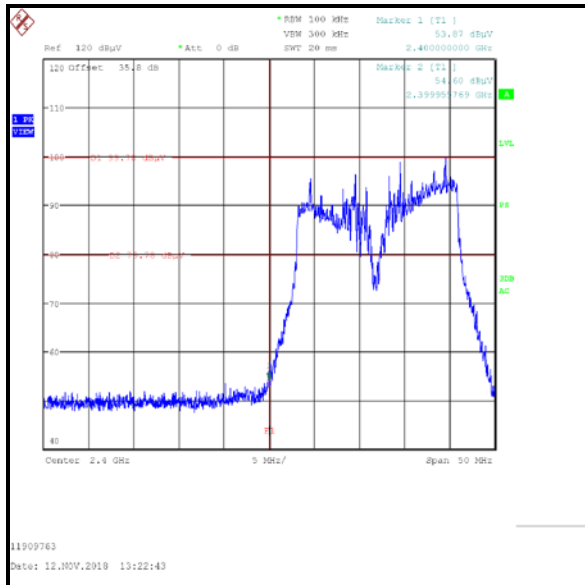
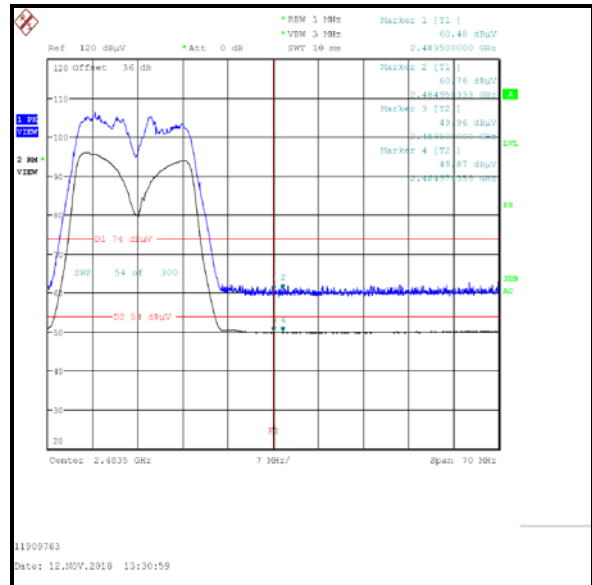


Transmitter Band Edge Radiated Emissions (continued)

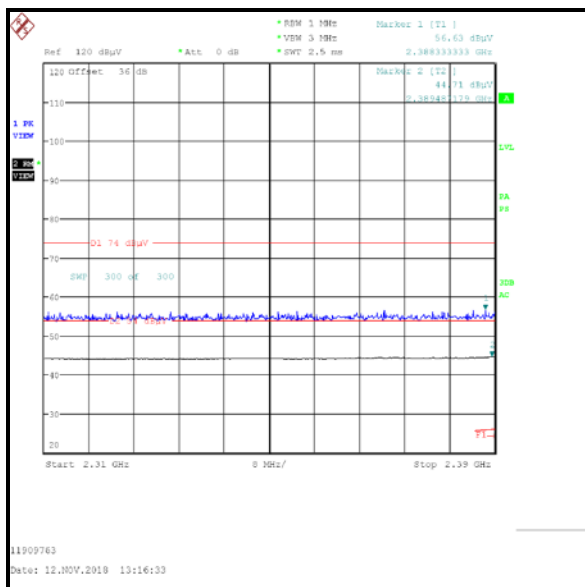
Plots: 802.11n / HT20 / MCS0 / MIMO / Port 1+2 / PWL 12 / 6 dBi Antenna Group



Lower Band Edge Peak Measurement



Upper Band Edge Peak/Average Measurement



2310 MHz to 2390 MHz Restricted Band Plot

Transmitter Band Edge Radiated Emissions (continued)**Results: 802.11n / HT40 / MCS0 / MIMO / Port 1+2 / PWL 12 / 6 dBi Antenna Group****Results: Lower Band Edge / Peak**

Frequency (MHz)	Peak Level (dB μ V/m)	-30 dBc Limit (dB μ V/m)	Margin (dB)	Result
2396.97	55.01	67.93	12.92	Complied
2400.00	51.83	67.93	16.10	Complied

Results: 2310-2390 MHz Restricted Band / Peak

Frequency (MHz)	Peak Level (dB μ V/m)	Peak Limit (dB μ V/m)	Margin (dB)	Result
2387.43	57.20	74.0	16.80	Complied

Results: 2310-2390 MHz Restricted Band / Average

Frequency (MHz)	Average Level (dB μ V/m)	Duty cycle correction (dB)	Corrected Average Level (dB μ V/m)	Average Limit (dB μ V/m)	Margin (dB)	Result
2389.23	44.69	0.60	45.29	54.0	8.71	Complied

Results: Upper Band Edge / Peak

Frequency (MHz)	Peak Level (dB μ V/m)	Peak Limit (dB μ V/m)	Margin (dB)	Result
2483.50	60.96	74.0	13.04	Complied
2484.33	61.01	74.0	12.99	Complied

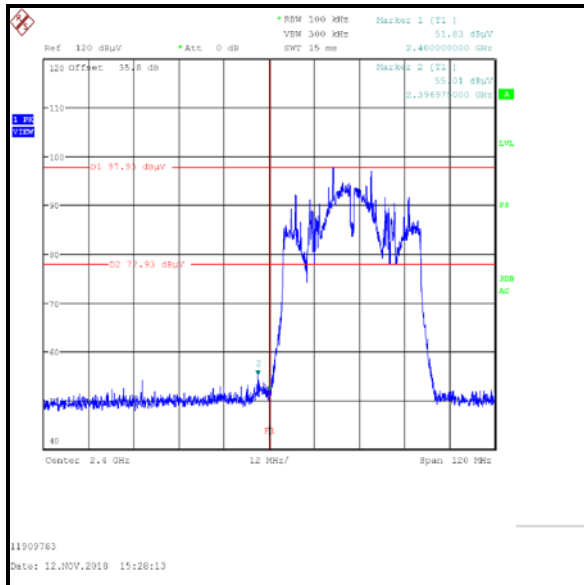
Results: Upper Band Edge / Average

Frequency (MHz)	Average Level (dB μ V/m)	Duty cycle correction (dB)	Corrected Average Level (dB μ V/m)	Average Limit (dB μ V/m)	Margin (dB)	Result
2483.50	50.20	0.60	50.80	54.0	3.20	Complied

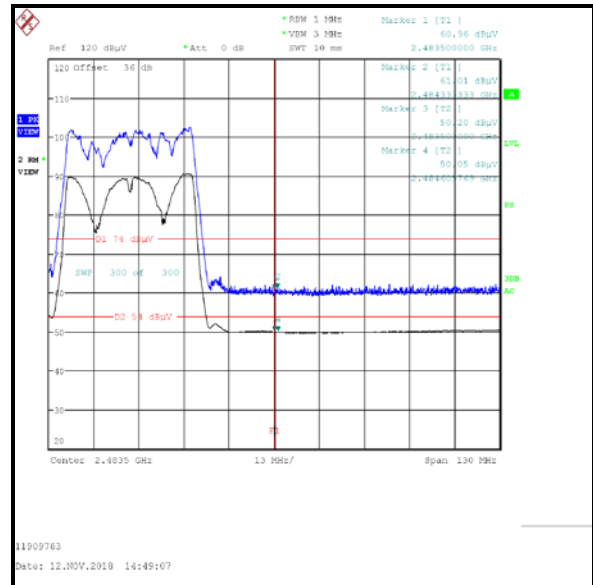
Result: Pass

Transmitter Band Edge Radiated Emissions (continued)

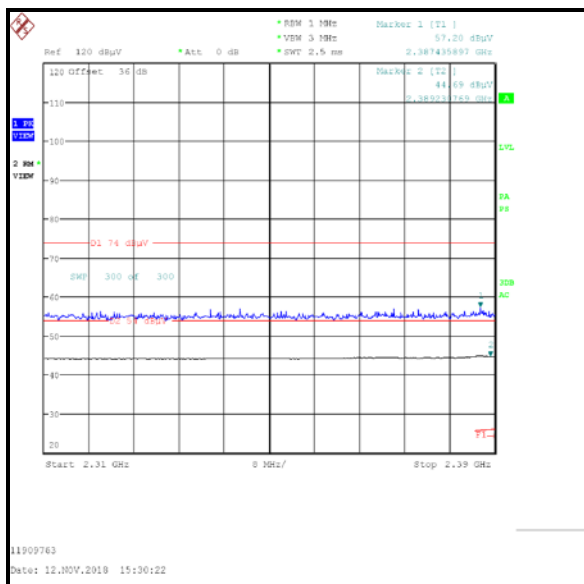
Plots: 802.11n / HT40 / MCS0 / MIMO / Port 1+2 / PWL 12 / 6 dBi Antenna Group



Lower Band Edge Peak Measurement



Upper Band Edge Peak/Average Measurement



2310 MHz to 2390 MHz Restricted Band Plot

Transmitter Band Edge Radiated Emissions (continued)

Results: 802.11b / 20 MHz / 5.5 Mbps / MIMO / Port 1+2+3 / PWL 16 / 6 dBi Antenna Group

Results: Lower Band Edge / Peak

Frequency (MHz)	Peak Level (dBµV/m)	-30 dBc Limit (dBµV/m)	Margin (dB)	Result
2400.00	49.91	67.61	17.70	Complied

Results: 2310-2390 MHz Restricted Band / Peak

Frequency (MHz)	Peak Level (dBµV/m)	Peak Limit (dBµV/m)	Margin (dB)	Result
2374.23	56.54	74.0	17.46	Complied

Results: 2310-2390 MHz Restricted Band / Average

Frequency (MHz)	Average Level (dBµV/m)	Average Limit (dBµV/m)	Margin (dB)	Result
2318.46	47.86	54.0	6.14	Complied

Results: Upper Band Edge / Peak

Frequency (MHz)	Peak Level (dBµV/m)	Peak Limit (dBµV/m)	Margin (dB)	Result
2483.50	53.85	74.0	20.15	Complied

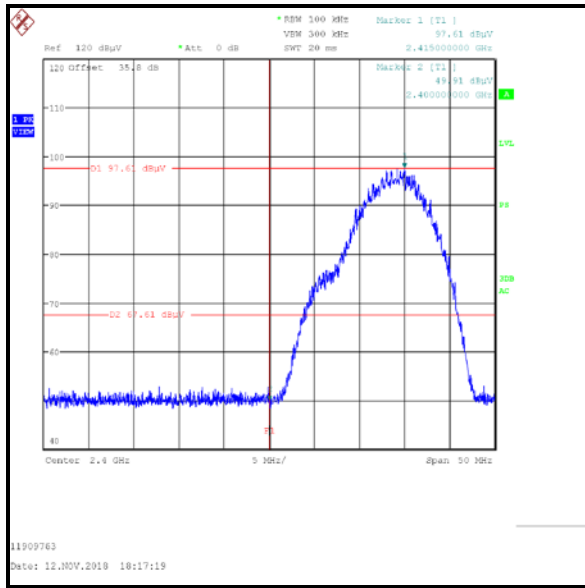
Results: Upper Band Edge / Average

Frequency (MHz)	Average Level (dBµV/m)	Average Limit (dBµV/m)	Margin (dB)	Result
2483.50	48.57	54.0	5.43	Complied

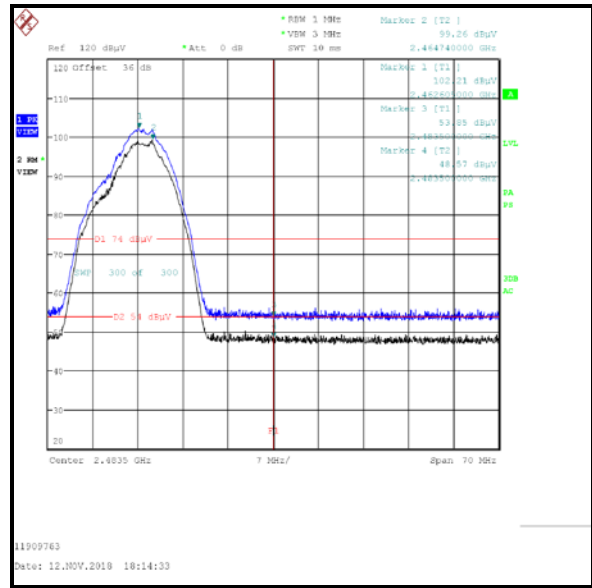
Result: Pass

Transmitter Band Edge Radiated Emissions (continued)

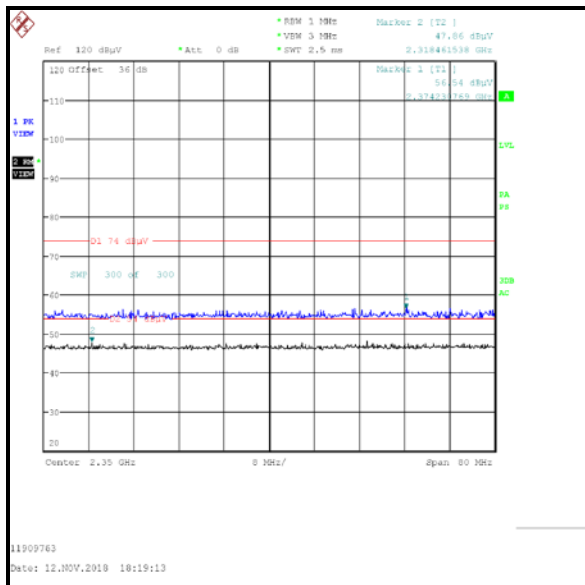
Plots: 802.11b / 20 MHz / 5.5 Mbps / MIMO / Port 1+2+3 / PWL 16 / 6 dBi Antenna Group



Lower Band Edge Peak Measurement



Upper Band Edge Peak/Average Measurement



2310 MHz to 2390 MHz Restricted Band Plot

Transmitter Band Edge Radiated Emissions (continued)

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

Results: Lower Band Edge / Peak

Frequency (MHz)	Peak Level (dBµV/m)	-30 dBc Limit (dBµV/m)	Margin (dB)	Result
2400.00	50.59	68.26	17.67	Complied

Results: 2310-2390 MHz Restricted Band / Peak

Frequency (MHz)	Peak Level (dBµV/m)	Peak Limit (dBµV/m)	Margin (dB)	Result
2361.28	56.39	74.0	17.61	Complied

Results: 2310-2390 MHz Restricted Band / Average

Frequency (MHz)	Average Level (dBµV/m)	Duty cycle correction (dB)	Corrected Average Level (dBµV/m)	Average Limit (dBµV/m)	Margin (dB)	Result
2388.20	48.02	0.20	48.22	54.0	5.78	Complied

Results: Upper Band Edge / Peak

Frequency (MHz)	Level (dBµV/m)	Peak Limit (dBµV/m)	Margin (dB)	Result
2483.50	54.59	74.0	19.41	Complied

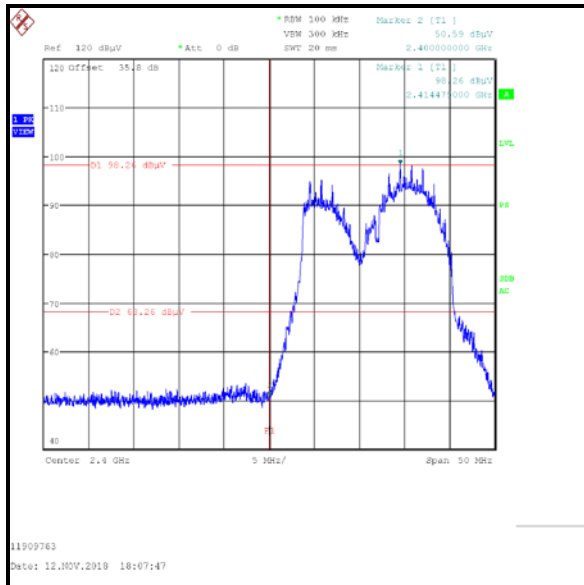
Results: Upper Band Edge / Average

Frequency (MHz)	Average Level (dBµV/m)	Duty cycle correction (dB)	Corrected Average Level (dBµV/m)	Average Limit (dBµV/m)	Margin (dB)	Result
2483.50	47.95	0.20	48.15	54.0	5.85	Complied

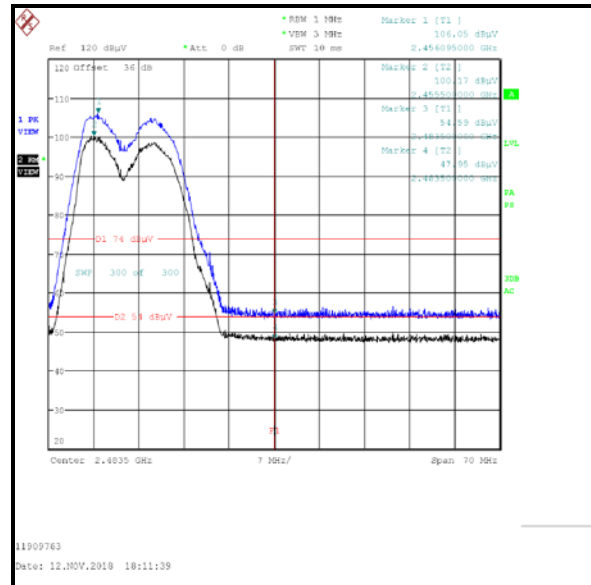
Result: **Pass**

Transmitter Band Edge Radiated Emissions (continued)

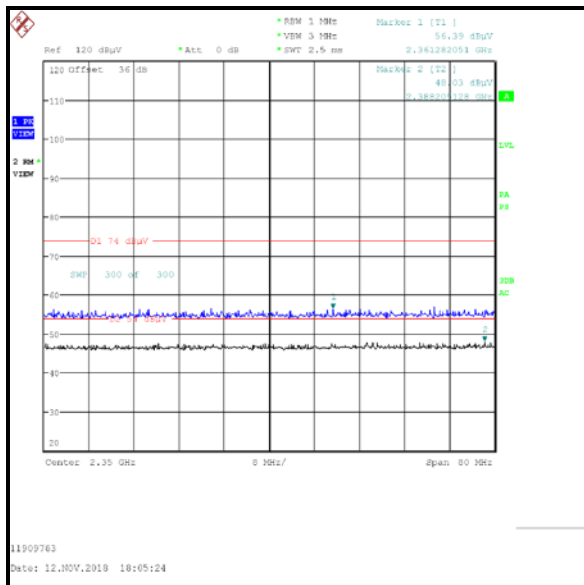
Plots: 802.11g / 20 MHz / 6 Mbps / MIMO / Port 1+2+3 / PWL 16 / 6 dBi Antenna Group



Lower Band Edge Peak Measurement



Upper Band Edge Peak/Average Measurement



2310 MHz to 2390 MHz Restricted Band Plot

Transmitter Band Edge Radiated Emissions (continued)**Results: 802.11n / HT20 / MCS0 / MIMO / Port 1+2+3 / PWL 16 / 6 dBi Antenna Group****Results: Lower Band Edge / Peak**

Frequency (MHz)	Peak Level (dB μ V/m)	-30 dBc Limit (dB μ V/m)	Margin (dB)	Result
2400.00	54.11	68.23	14.12	Complied

Results: 2310-2390 MHz Restricted Band / Peak

Frequency (MHz)	Peak Level (dB μ V/m)	Peak Limit (dB μ V/m)	Margin (dB)	Result
2378.20	56.70	74.0	17.3	Complied

Results: 2310-2390 MHz Restricted Band / Average

Frequency (MHz)	Average Level (dB μ V/m)	Duty cycle correction (dB)	Corrected Average Level (dB μ V/m)	Average Limit (dB μ V/m)	Margin (dB)	Result
2355.64	48.23	0.40	48.63	54.0	5.37	Complied

Results: Upper Band Edge / Peak

Frequency (MHz)	Peak Level (dB μ V/m)	Peak Limit (dB μ V/m)	Margin (dB)	Result
2483.50	54.56	74.0	19.44	Complied

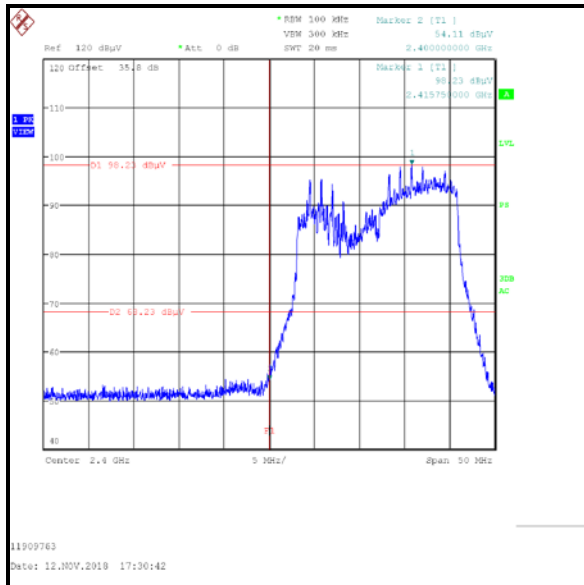
Results: Upper Band Edge / Average

Frequency (MHz)	Average Level (dB μ V/m)	Duty cycle correction (dB)	Corrected Average Level (dB μ V/m)	Average Limit (dB μ V/m)	Margin (dB)	Result
2483.50	48.42	0.40	48.82	54.0	5.18	Complied

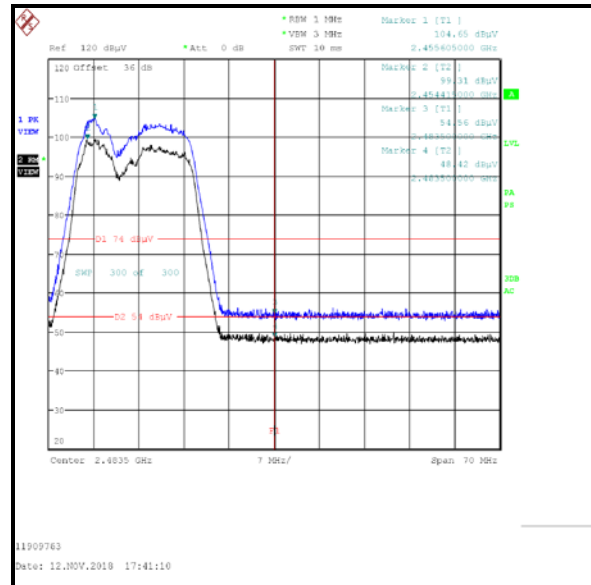
Result: Pass

Transmitter Band Edge Radiated Emissions (continued)

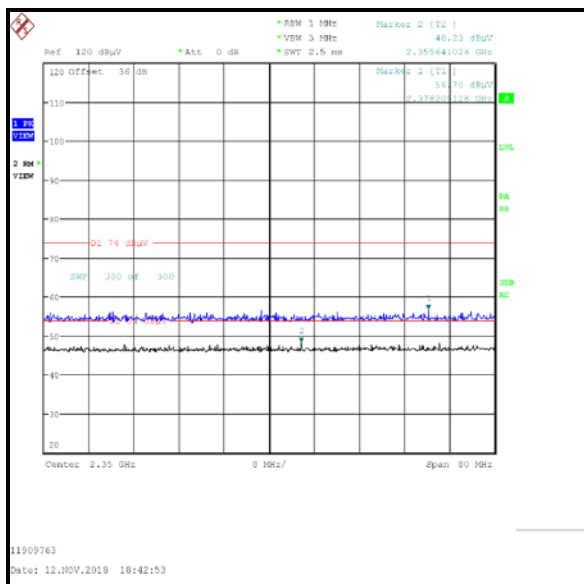
Plots: 802.11n / HT20 / MCS0 / MIMO / Port 1+2+3 / PWL 16 / 6 dBi Antenna Group



Lower Band Edge Peak Measurement



Upper Band Edge Peak/Average Measurement



2310 MHz to 2390 MHz Restricted Band Plot

Transmitter Band Edge Radiated Emissions (continued)**Results: 802.11n / HT40 / MCS0 / MIMO / Port 1+2+3 / PWL 16 / 6 dBi Antenna Group****Results: Lower Band Edge / Peak**

Frequency (MHz)	Peak Level (dB μ V/m)	-30 dBc Limit (dB μ V/m)	Margin (dB)	Result
2400.00	59.41	66.99	7.58	Complied

Results: 2310-2390 MHz Restricted Band / Peak

Frequency (MHz)	Peak Level (dB μ V/m)	Peak Limit (dB μ V/m)	Margin (dB)	Result
2382.94	56.62	74.0	17.38	Complied

Results: 2310-2390 MHz Restricted Band / Average

Frequency (MHz)	Average Level (dB μ V/m)	Duty cycle correction (dB)	Corrected Average Level (dB μ V/m)	Average Limit (dB μ V/m)	Margin (dB)	Result
2389.48	48.78	0.60	49.38	54.0	4.62	Complied

Results: Upper Band Edge / Peak

Frequency (MHz)	Peak Level (dB μ V/m)	Limit (dB μ V/m)	Margin (dB)	Result
2483.50	56.62	74.0	17.38	Complied

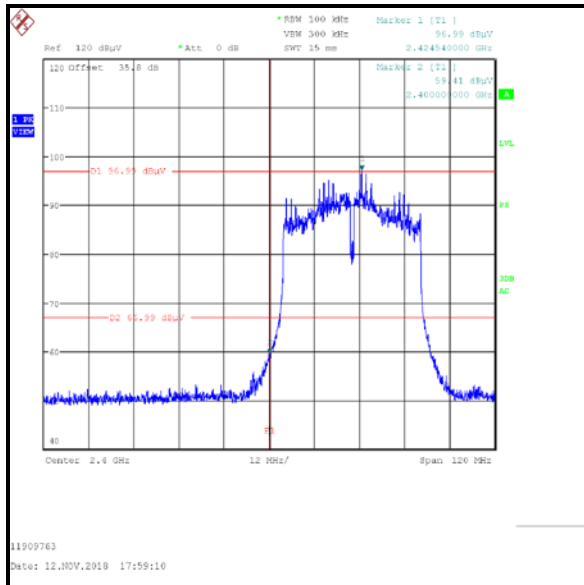
Results: Upper Band Edge / Average

Frequency (MHz)	Average Level (dB μ V/m)	Duty cycle correction (dB)	Corrected Average Level (dB μ V/m)	Average Limit (dB μ V/m)	Margin (dB)	Result
2483.50	48.57	0.60	49.17	54.0	4.83	Complied

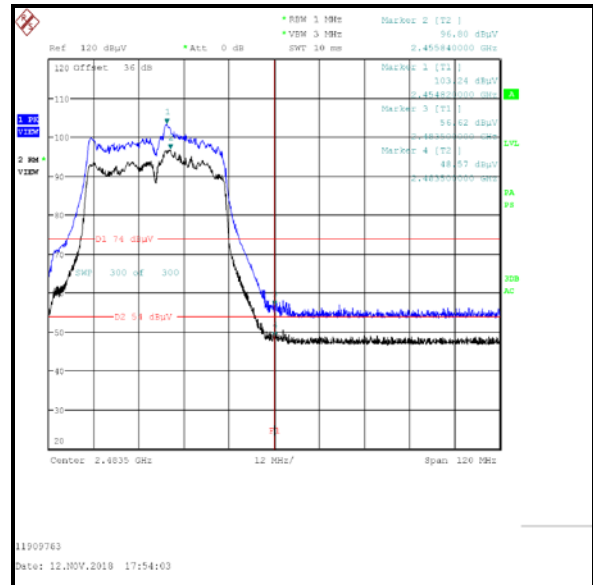
Result: Pass

Transmitter Band Edge Radiated Emissions (continued)

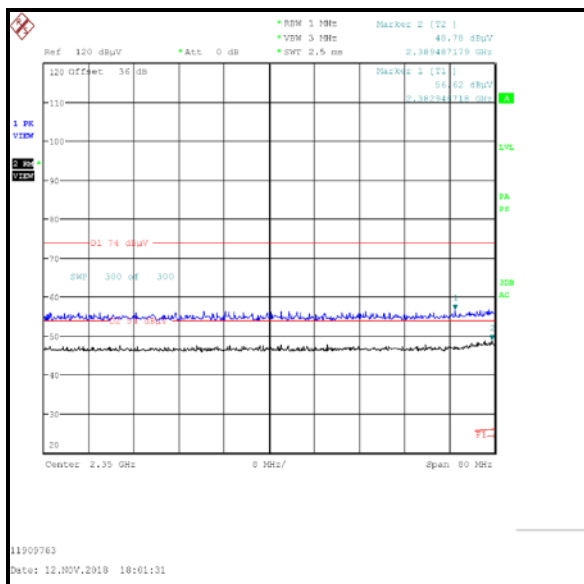
Plots: 802.11n / HT40 / MCS0 / MIMO / Port 1+2+3 / PWL 16 / 6 dBi Antenna Group



Lower Band Edge Peak Measurement



Upper Band Edge Peak/Average Measurement



2310 MHz to 2390 MHz Restricted Band Plot

Transmitter Band Edge Radiated Emissions (continued)**Results: 802.11b / 20 MHz / 5.5 Mbps / MIMO / Port 1+2+3+4 / PWL 15 / 6 dBi Antenna Group****Results: Lower Band Edge / Peak**

Frequency (MHz)	Peak Level (dB μ V/m)	-30 dBc Limit (dB μ V/m)	Margin (dB)	Result
2400.00	52.27	68.76	16.49	Complied

Results: 2310-2390 MHz Restricted Band / Peak

Frequency (MHz)	Peak Level (dB μ V/m)	Peak Limit (dB μ V/m)	Margin (dB)	Result
2378.58	56.68	74.0	17.32	Complied

Results: 2310-2390 MHz Restricted Band / Average

Frequency (MHz)	Average Level (dB μ V/m)	Average Limit (dB μ V/m)	Margin (dB)	Result
2386.79	48.17	54.0	5.83	Complied

Results: Upper Band Edge / Peak

Frequency (MHz)	Peak Level (dB μ V/m)	Peak Limit (dB μ V/m)	Margin (dB)	Result
2483.50	53.81	74.0	20.19	Complied

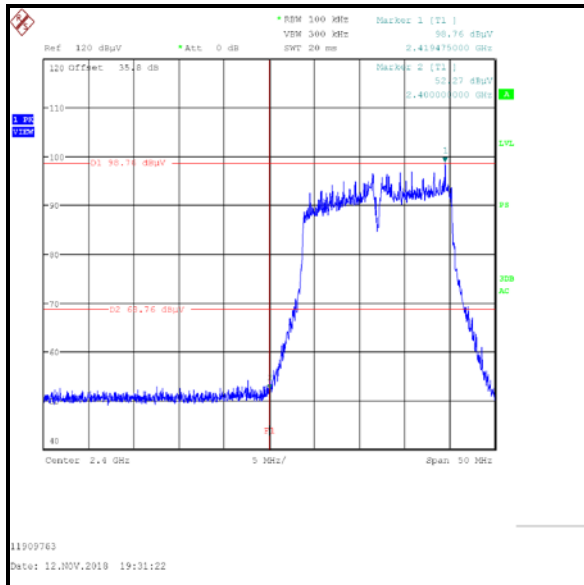
Results: Upper Band Edge / Average

Frequency (MHz)	Average Level (dB μ V/m)	Average Limit (dB μ V/m)	Margin (dB)	Result
2483.50	47.63	54.0	6.37	Complied

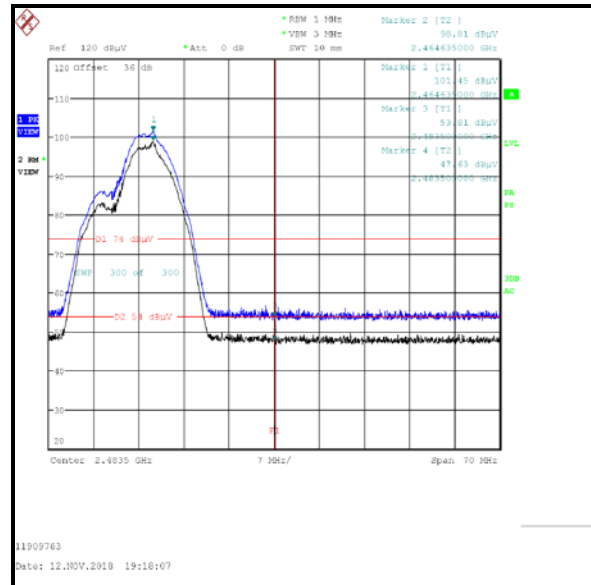
Result: Pass

Transmitter Band Edge Radiated Emissions (continued)

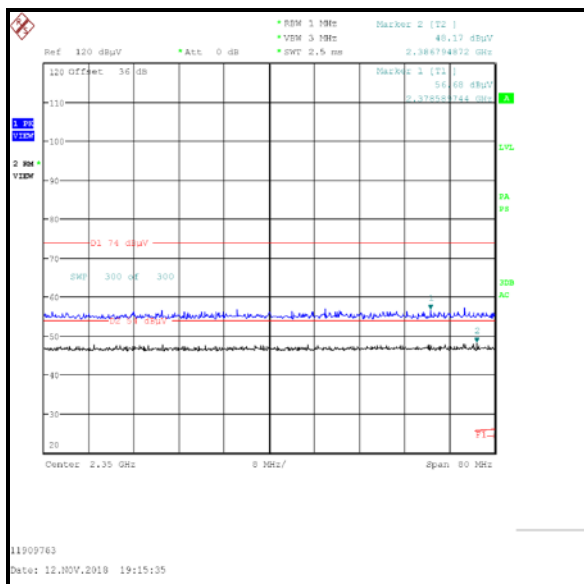
Plots: 802.11b / 20 MHz / 5.5 Mbps / MIMO / Port 1+2+3+4 / PWL 15 / 6 dBi Antenna Group



Lower Band Edge Peak Measurement



Upper Band Edge Peak/Average Measurement



2310 MHz to 2390 MHz Restricted Band Plot

Transmitter Band Edge Radiated Emissions (continued)**Results: 802.11g / 20 MHz / 6 Mbps / MIMO / Port 1+2+3+4 / PWL 15 / 6 dBi Antenna Group****Results: Lower Band Edge / Peak**

Frequency (MHz)	Peak Level (dB μ V/m)	-30 dBc Limit (dB μ V/m)	Margin (dB)	Result
2400.00	50.59	68.26	17.67	Complied

Results: 2310-2390 MHz Restricted Band / Peak

Frequency (MHz)	Peak Level (dB μ V/m)	Peak Limit (dB μ V/m)	Margin (dB)	Result
2361.28	56.39	74.0	17.61	Complied

Results: 2310-2390 MHz Restricted Band / Average

Frequency (MHz)	Average Level (dB μ V/m)	Duty cycle correction (dB)	Corrected Average Level (dB μ V/m)	Average Limit (dB μ V/m)	Margin (dB)	Result
2388.20	48.03	0.20	48.23	54.0	5.77	Complied

Results: Upper Band Edge / Peak

Frequency (MHz)	Peak Level (dB μ V/m)	Peak Limit (dB μ V/m)	Margin (dB)	Result
2483.50	55.16	74.0	18.84	Complied

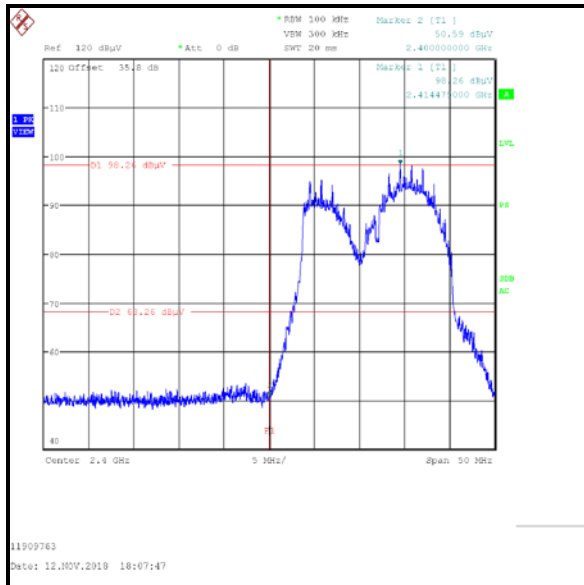
Results: Upper Band Edge / Average

Frequency (MHz)	Average Level (dB μ V/m)	Duty cycle correction (dB)	Corrected Average Level (dB μ V/m)	Average Limit (dB μ V/m)	Margin (dB)	Result
2483.50	47.91	0.20	48.11	54.0	5.89	Complied

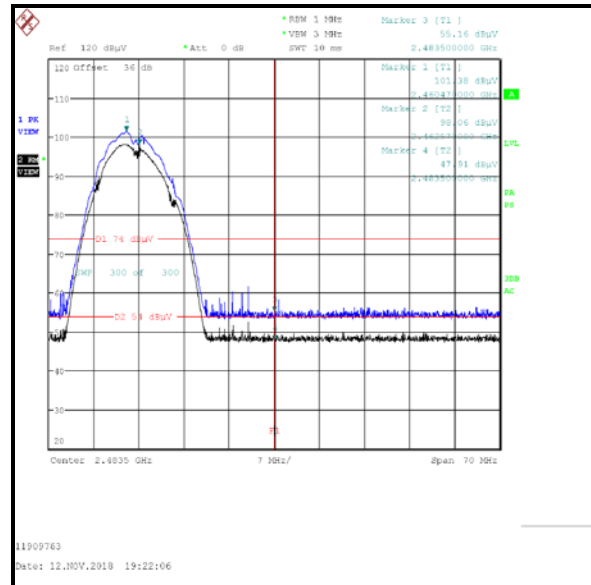
Result: Pass

Transmitter Band Edge Radiated Emissions (continued)

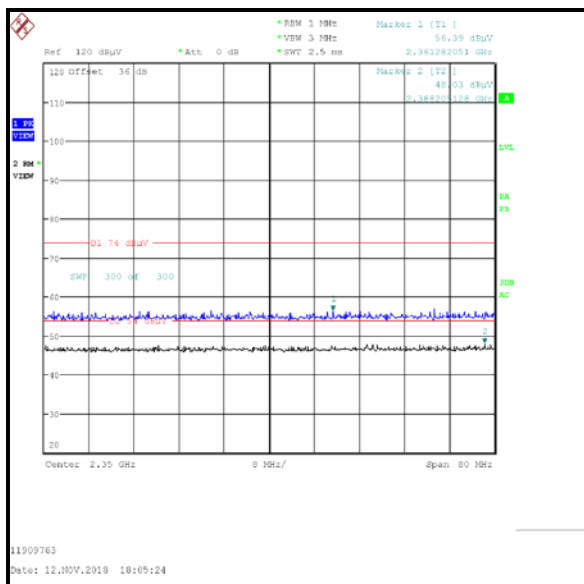
Plots: 802.11g / 20 MHz / 6 Mbps / MIMO / Port 1+2+3+4 / PWL 15 / 6 dBi Antenna Group



Lower Band Edge Peak Measurement



Upper Band Edge Peak/Average Measurement



2310 MHz to 2390 MHz Restricted Band Plot

Transmitter Band Edge Radiated Emissions (continued)**Results: 802.11n / HT20 / MCS0 / MIMO / Port 1+2+3+4 / PWL 15 / 6 dBi Antenna Group****Results: Lower Band Edge / Peak**

Frequency (MHz)	Peak Level (dB μ V/m)	-30 dBc Limit (dB μ V/m)	Margin (dB)	Result
2400.00	53.37	69.02	15.65	Complied

Results: 2310-2390 MHz Restricted Band / Peak

Frequency (MHz)	Peak Level (dB μ V/m)	Peak Limit (dB μ V/m)	Margin (dB)	Result
2378.20	56.70	74.0	17.30	Complied

Results: 2310-2390 MHz Restricted Band / Average

Frequency (MHz)	Average Level (dB μ V/m)	Duty cycle correction (dB)	Corrected Average Level (dB μ V/m)	Average Limit (dB μ V/m)	Margin (dB)	Result
2355.64	48.23	0.40	48.63	54.0	5.37	Complied

Results: Upper Band Edge Peak

Frequency (MHz)	Peak Level (dB μ V/m)	Peak Limit (dB μ V/m)	Margin (dB)	Result
2483.50	53.40	74.0	20.6	Complied

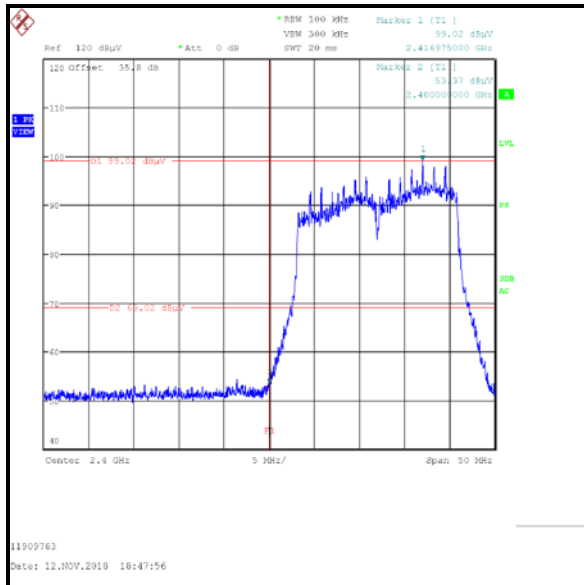
Results: Upper Band Edge Average

Frequency (MHz)	Average Level (dB μ V/m)	Duty cycle correction (dB)	Corrected Average Level (dB μ V/m)	Average Limit (dB μ V/m)	Margin (dB)	Result
2483.50	48.38	0.40	48.78	54.0	5.22	Complied

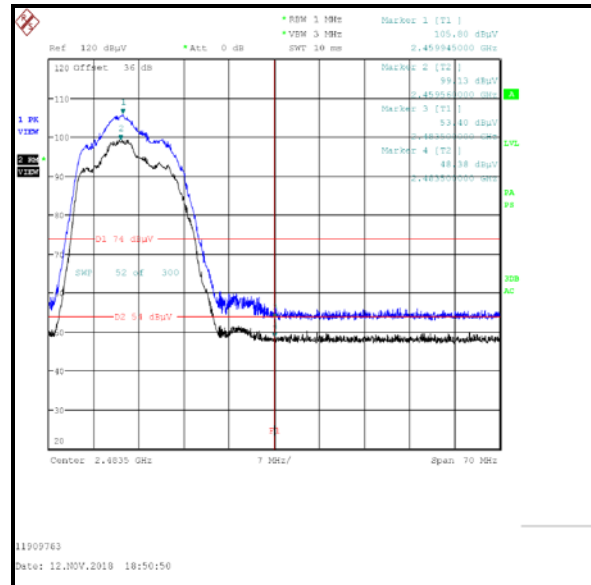
Result: Pass

Transmitter Band Edge Radiated Emissions (continued)

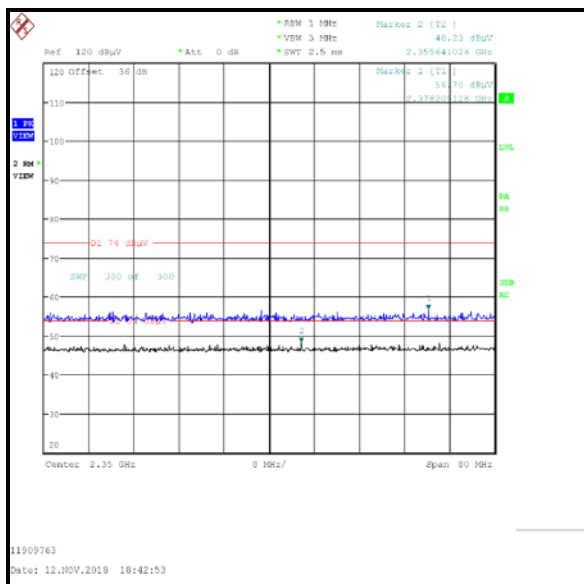
Plots: 802.11n / HT20 / MCS0 / MIMO / Port 1+2+3+4 / PWL 15 / 6 dBi Antenna Group



Lower Band Edge Peak Measurement



Upper Band Edge Peak/Average Measurement



2310 MHz to 2390 MHz Restricted Band Plot

Transmitter Band Edge Radiated Emissions (continued)**Results: 802.11n / HT40 / MCS0 / MIMO / Port 1+2+3+4 / PWL 15 / 6 dBi Antenna Group****Results: Lower Band Edge / Peak**

Frequency (MHz)	Peak Level (dB μ V/m)	-30 dBc Limit (dB μ V/m)	Margin (dB)	Result
2400.00	58.19	66.5	8.31	Complied

Results: 2310-2390 MHz Restricted Band / Peak

Frequency (MHz)	Peak Level (dB μ V/m)	Peak Limit (dB μ V/m)	Margin (dB)	Result
2389.61	58.23	74.0	15.77	Complied

Results: 2310-2390 MHz Restricted Band / Average

Frequency (MHz)	Average Level (dB μ V/m)	Duty cycle correction (dB)	Corrected Average Level (dB μ V/m)	Average Limit (dB μ V/m)	Margin (dB)	Result
2389.23	49.85	0.60	50.45	54.0	3.55	Complied

Results: Upper Band Edge / Peak

Frequency (MHz)	Peak Level (dB μ V/m)	Peak Limit (dB μ V/m)	Margin (dB)	Result
2483.50	55.40	74.0	18.6	Complied

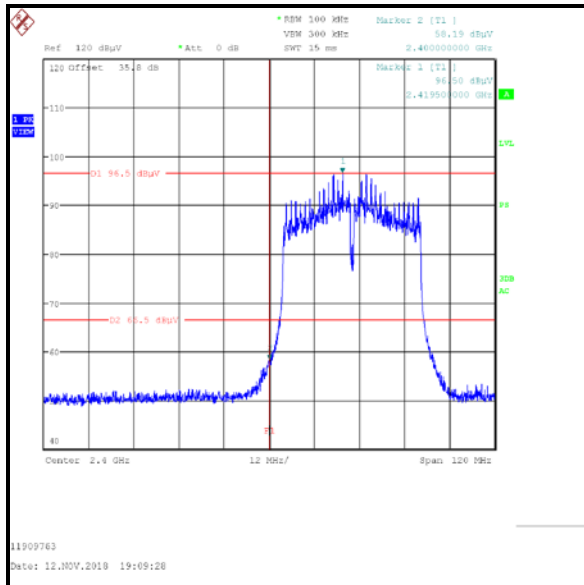
Results: Upper Band Edge / Average

Frequency (MHz)	Average Level (dB μ V/m)	Duty cycle correction (dB)	Corrected Average Level (dB μ V/m)	Average Limit (dB μ V/m)	Margin (dB)	Result
2483.50	48.09	0.60	48.69	54.0	5.31	Complied

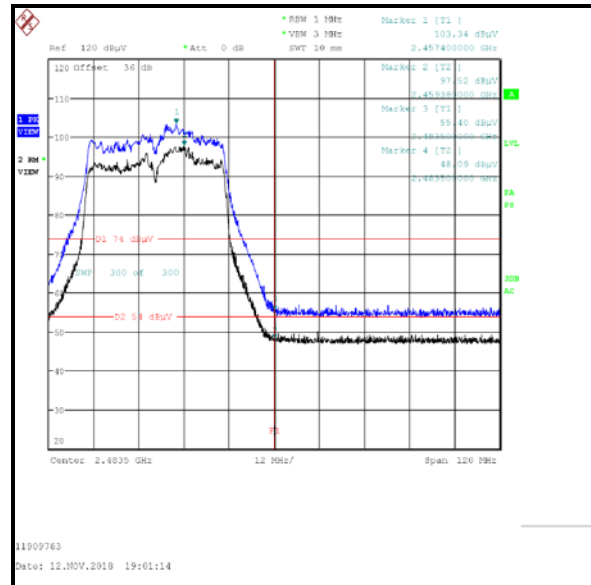
Result: Pass

Transmitter Band Edge Radiated Emissions (continued)

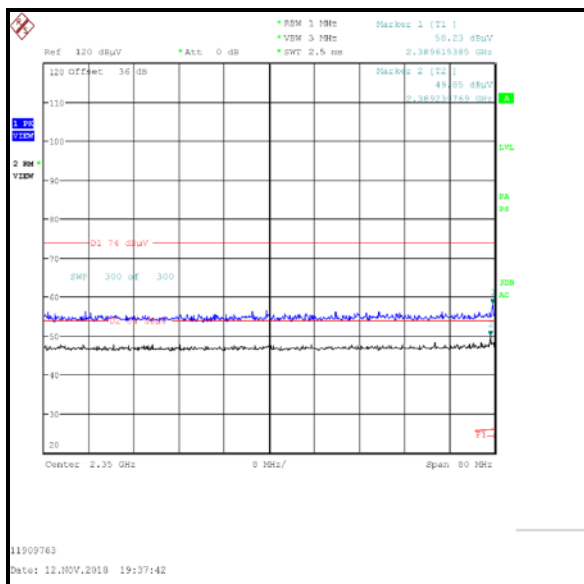
Plots: 802.11n / HT40 / MCS0 / MIMO / Port 1+2+3+4 / PWL 15 / 6 dBi Antenna Group



Lower Band Edge Peak Measurement



Upper Band Edge Peak/Average Measurement



2310 MHz to 2390 MHz Restricted Band Plot

9 dBi group**Results: 802.11b / 20 MHz / 5.5 Mbps / SISO / Port 1 / PWL 15 / 9 dBi Antenna Group****Results: Lower Band Edge / Peak**

Frequency (MHz)	Peak Level (dB μ V/m)	-30 dBc Limit (dB μ V/m)	Margin (dB)	Result
2399.55	52.35	73.92	21.57	Complied

Results: Lower Band Edge / Restricted Band Peak

Frequency (MHz)	Level (dB μ V/m)	Peak Limit (dB μ V/m)	Margin (dB)	Result
2342.17	56.51	74.0	17.49	Complied

Results: Lower Band Edge / Restricted Band Average

Frequency (MHz)	Level (dB μ V/m)	Average Limit (dB μ V/m)	Margin (dB)	Result
2388.46	44.31	54.0	9.69	Complied

Results: Upper Band Edge Peak

Frequency (MHz)	Level (dB μ V/m)	Peak Limit (dB μ V/m)	Margin (dB)	Result
2483.50	59.37	74.0	14.63	Complied
2485.94	62.21	74.0	11.79	Complied

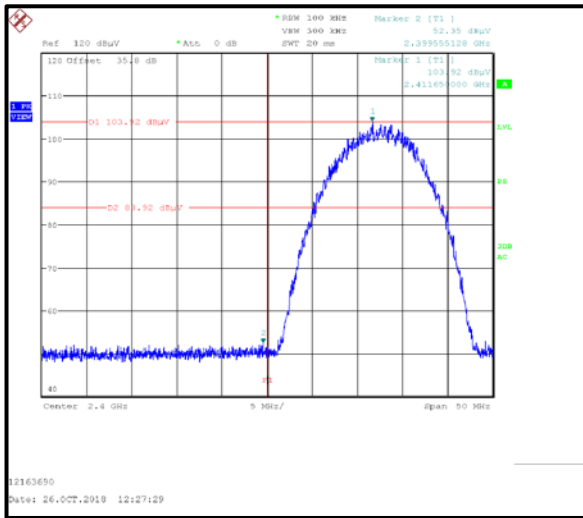
Results: Upper Band Edge Average

Frequency (MHz)	Level (dB μ V/m)	Average Limit (dB μ V/m)	Margin (dB)	Result
2483.50	49.76	54.0	4.24	Complied

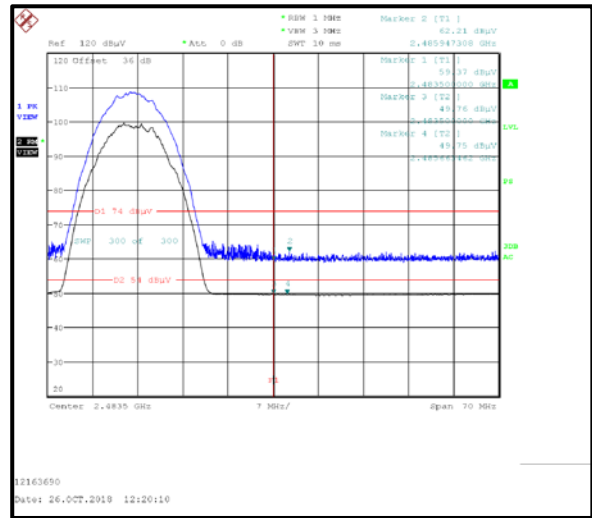
Result: Pass

Transmitter Band Edge Radiated Emissions (continued)

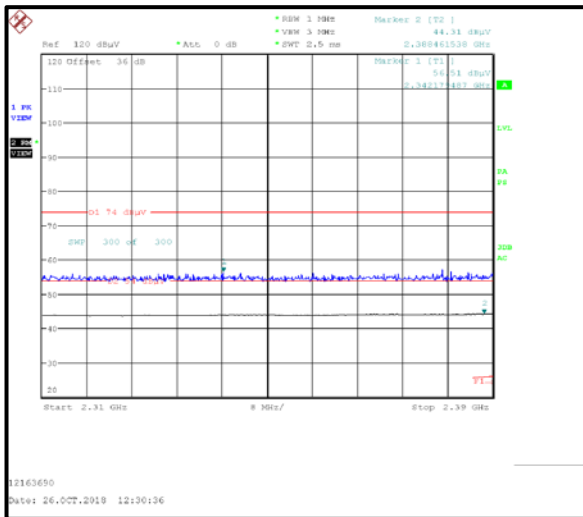
Plots: 802.11b / 20 MHz / 5.5 Mbps / Port 1 / PWL 15



Lower Band Edge Peak Measurement



Upper Band Edge Peak/Average Measurement



2310 MHz to 2390 MHz Restricted Band Plot

Transmitter Band Edge Radiated Emissions (continued)**Results: Peak / 802.11g / 20 MHz / 6 Mbps / Port 1 / PWL 15****Results: Lower Band Edge**

Frequency (MHz)	Level (dB μ V/m)	-30 dBc Limit (dB μ V/m)	Margin (dB)	Result
2399.55	54.98	73.53	18.55	Complied

Results: Lower Band Edge / Restricted Band Peak

Frequency (MHz)	Level (dB μ V/m)	Peak Limit (dB μ V/m)	Margin (dB)	Result
2347.94	56.90	74.0	17.10	Complied

Results: Lower Band Edge / Restricted Band Average

Frequency (MHz)	Level (dB μ V/m)	Duty cycle correction (dB)	Corrected Level (dB μ V/m)	Average Limit (dB μ V/m)	Margin (dB)	Result
2390.00	44.46	0.20	44.66	54.0	9.34	Complied

Results: Upper Band Edge Peak

Frequency (MHz)	Level (dB μ V/m)	Peak Limit (dB μ V/m)	Margin (dB)	Result
2483.50	61.55	74.0	12.45	Complied

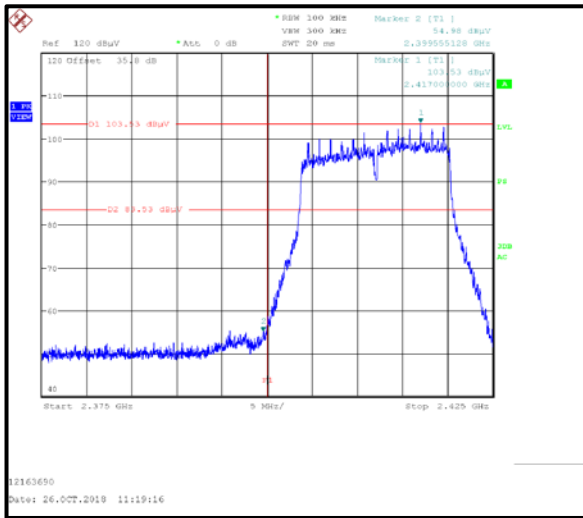
Results: Upper Band Edge Average

Frequency (MHz)	Level (dB μ V/m)	Duty cycle correction (dB)	Corrected Level (dB μ V/m)	Average Limit (dB μ V/m)	Margin (dB)	Result
2483.50	49.88	0.20	50.08	54.0	3.92	Complied

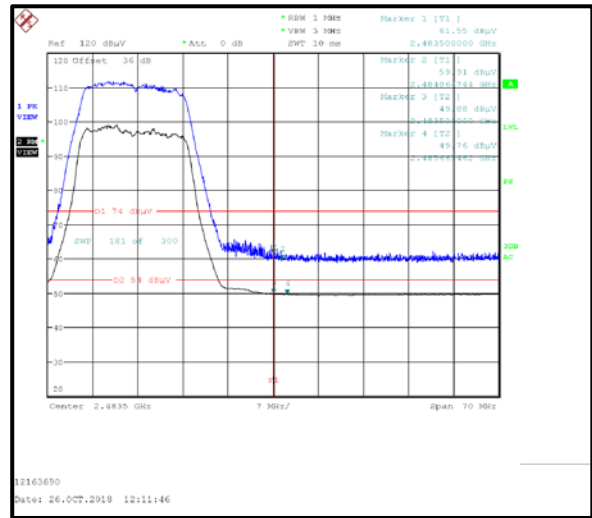
Result: Pass

Transmitter Band Edge Radiated Emissions (continued)

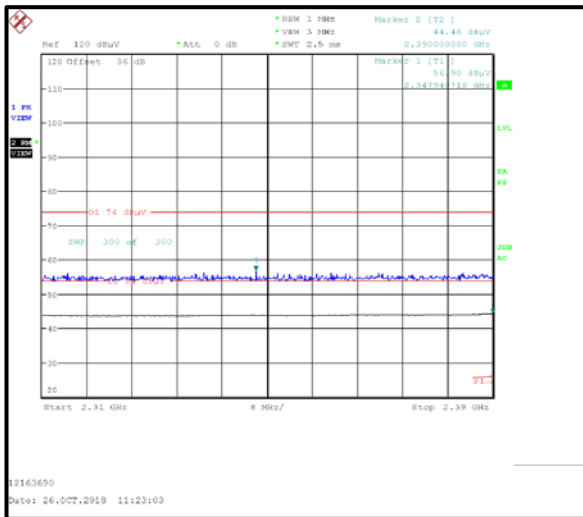
Plots: 802.11g / 20 MHz / 6 Mbps / Port 1 / PWL 15



Lower Band Edge Peak Measurement



Upper Band Edge Peak/Average Measurement



2310 MHz to 2390 MHz Restricted Band Plot

Transmitter Band Edge Radiated Emissions (continued)**Results: Peak / 802.11n / HT20 / MCS0 / SISO / Port 1 / PWL 15****Results: Lower Band Edge**

Frequency (MHz)	Level (dB μ V/m)	-30 dBc Limit (dB μ V/m)	Margin (dB)	Result
2399.87	56.57	73.09	16.52	Complied

Results: Lower Band Edge / Restricted Band Peak

Frequency (MHz)	Level (dB μ V/m)	Peak Limit (dB μ V/m)	Margin (dB)	Result
2315.89	56.92	74.0	17.08	Complied

Results: Lower Band Edge / Restricted Band Average

Frequency (MHz)	Level (dB μ V/m)	Duty cycle correction (dB)	Corrected Level (dB μ V/m)	Average Limit (dB μ V/m)	Margin (dB)	Result
2389.23	44.33	0.40	44.73	54.0	9.27	Complied

Results: Upper Band Edge Peak

Frequency (MHz)	Level (dB μ V/m)	Peak Limit (dB μ V/m)	Margin (dB)	Result
2483.50	60.02	74.0	13.98	Complied
2487.33	62.58	74.0	11.42	Complied

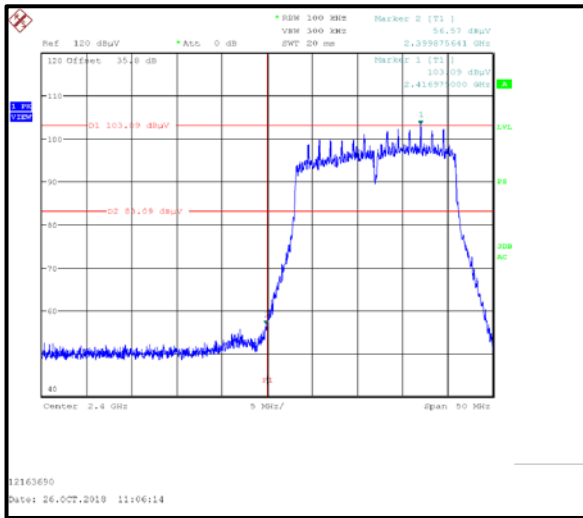
Results: Upper Band Edge Average

Frequency (MHz)	Level (dB μ V/m)	Duty cycle correction (dB)	Corrected Level (dB μ V/m)	Average Limit (dB μ V/m)	Margin (dB)	Result
2483.50	49.68	0.40	50.08	54.0	3.92	Complied

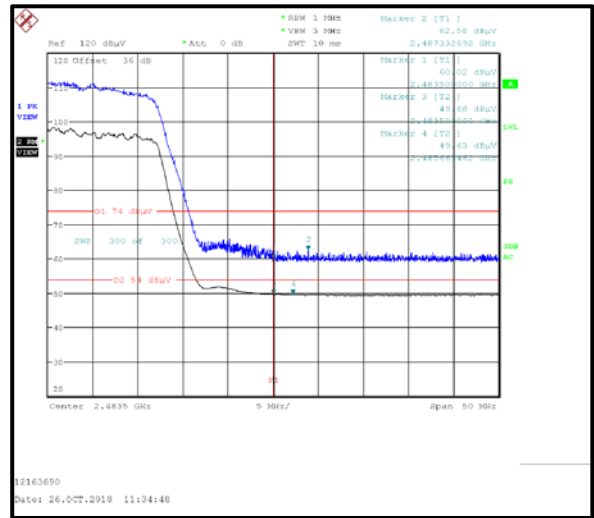
Result: Pass

Transmitter Band Edge Radiated Emissions (continued)

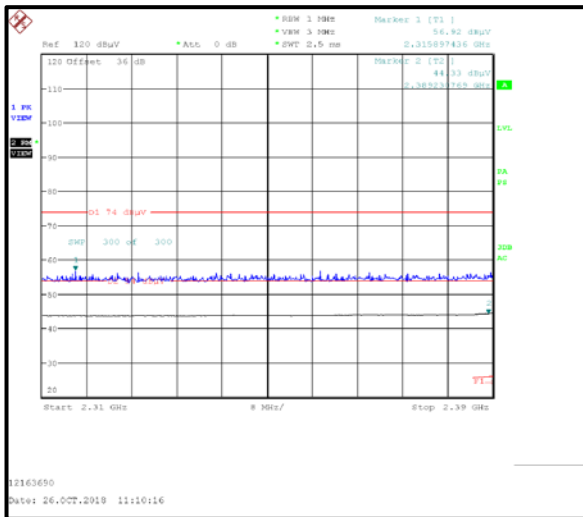
Plots: 802.11n / HT20 / MCS0 / SISO / Port 1 / PWL 15



Lower Band Edge Peak Measurement



Upper Band Edge Peak/Average Measurement



2310 MHz to 2390 MHz Restricted Band Plot

Transmitter Band Edge Radiated Emissions (continued)**Results: Peak / 802.11n / HT40 / MCS0 / SISO / Port 1 / PWL 15****Results: Lower Band Edge**

Frequency (MHz)	Level (dB μ V/m)	-30 dBc Limit (dB μ V/m)	Margin (dB)	Result
2399.47	62.45	73.18	10.73	Complied

Results: Lower Band Edge / Restricted Band Peak

Frequency (MHz)	Level (dB μ V/m)	Peak Limit (dB μ V/m)	Margin (dB)	Result
2389.74	59.18	74.0	14.82	Complied

Results: Lower Band Edge / Restricted Band Average

Frequency (MHz)	Level (dB μ V/m)	Duty cycle correction (dB)	Corrected Level (dB μ V/m)	Average Limit (dB μ V/m)	Margin (dB)	Result
2390.00	47.38	0.60	44.98	54.0	9.02	Complied

Results: Upper Band Edge Peak

Frequency (MHz)	Level (dB μ V/m)	Peak Limit (dB μ V/m)	Margin (dB)	Result
2483.50	62.63	74.0	11.37	Complied
2489.97	63.16	74.0	10.84	Complied

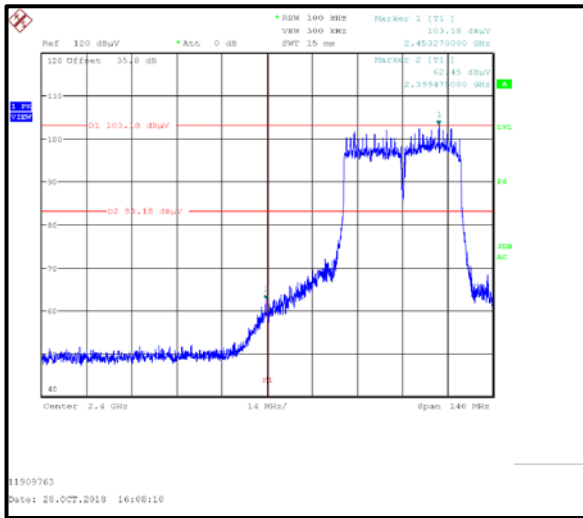
Results: Upper Band Edge Average

Frequency (MHz)	Level (dB μ V/m)	Duty cycle correction (dB)	Corrected Level (dB μ V/m)	Average Limit (dB μ V/m)	Margin (dB)	Result
2483.50	50.40	0.60	51.0	54.0	3.00	Complied

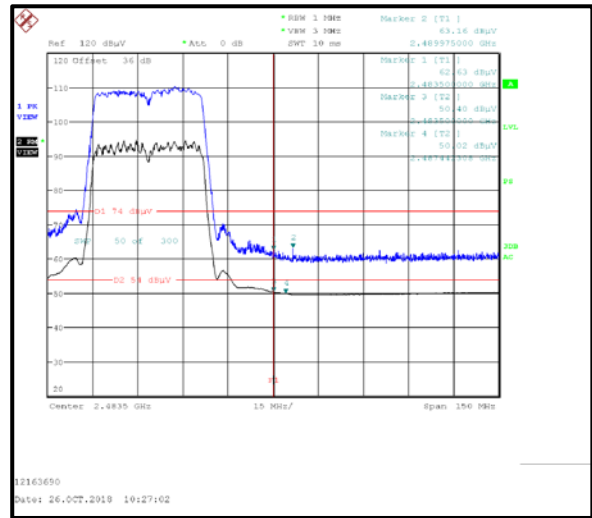
Result: Pass

Transmitter Band Edge Radiated Emissions (continued)

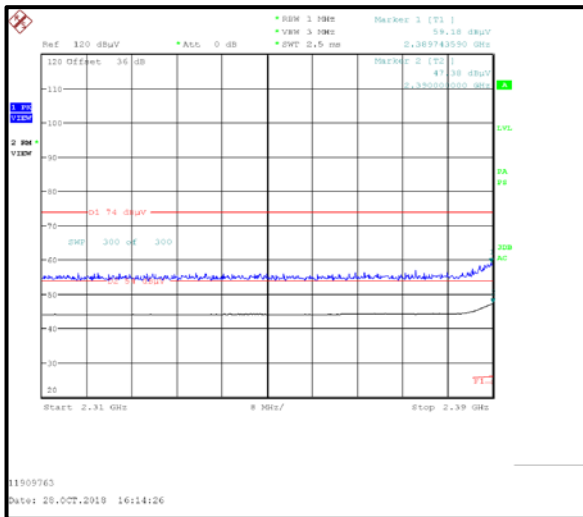
Plots: 802.11n / HT40 / MCS0 / SISO / Port 1 / PWL 15



Lower Band Edge Peak Measurement



Upper Band Edge Peak/Average Measurement



2310 MHz to 2390 MHz Restricted Band Plot

Transmitter Band Edge Radiated Emissions (continued)**Results: Peak / 802.11b / 20 MHz / 5.5 Mbps / MIMO / Port 1+2 / PWL 15****Results: Lower Band Edge**

Frequency (MHz)	Level (dB μ V/m)	-30 dBc Limit (dB μ V/m)	Margin (dB)	Result
2399.47	50.77	79.17	28.40	Complied

Results: Lower Band Edge / Restricted Band Peak

Frequency (MHz)	Level (dB μ V/m)	Peak Limit (dB μ V/m)	Margin (dB)	Result
2331.66	56.74	74.0	17.26	Complied

Results: Lower Band Edge / Restricted Band Average

Frequency (MHz)	Level (dB μ V/m)	Average Limit (dB μ V/m)	Margin (dB)	Result
2390.00	44.47	54.0	9.53	Complied

Results: Upper Band Edge Peak

Frequency (MHz)	Level (dB μ V/m)	Peak Limit (dB μ V/m)	Margin (dB)	Result
2483.50	61.60	74.0	12.40	Complied
2486.52	62.68	74.0	11.32	Complied

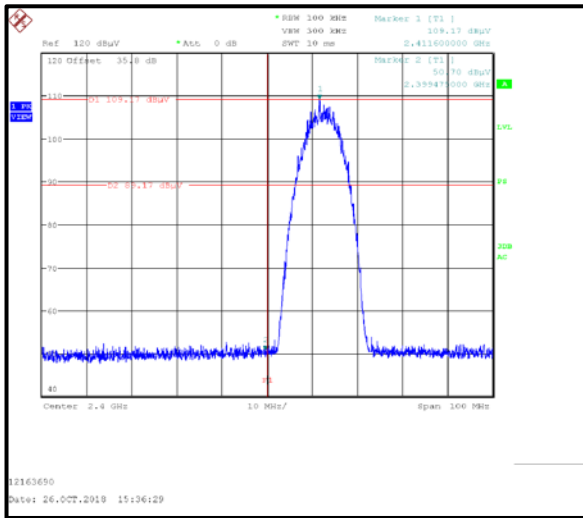
Results: Upper Band Edge Average

Frequency (MHz)	Level (dB μ V/m)	Average Limit (dB μ V/m)	Margin (dB)	Result
2483.50	49.89	54.0	4.11	Complied

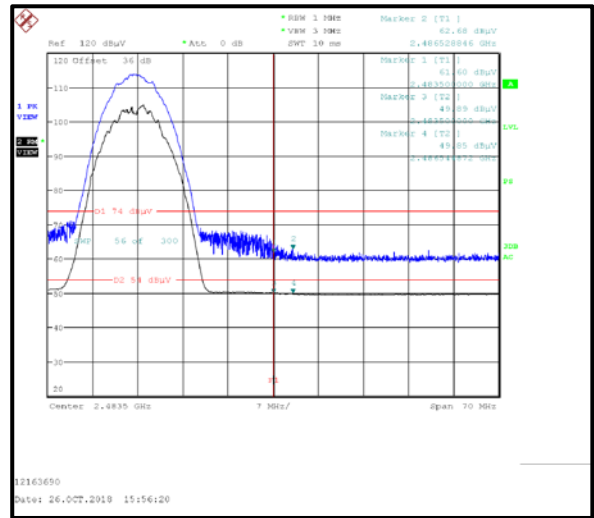
Result: Pass

Transmitter Band Edge Radiated Emissions (continued)

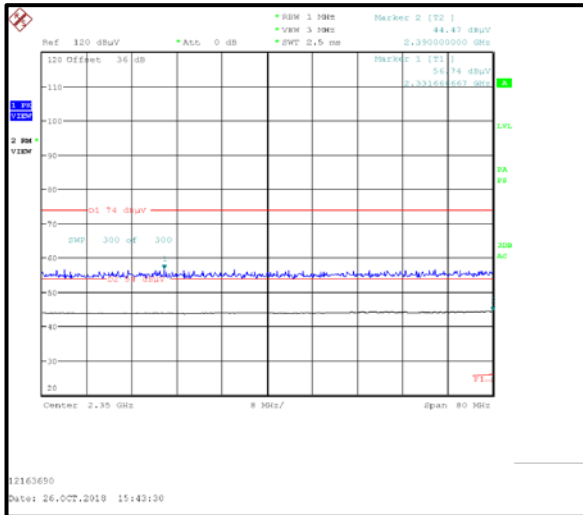
Plots: 802.11b / 20 MHz / 5.5 Mbps / MIMO / Port 1+2 / PWL 15



Lower Band Edge Peak Measurement



Upper Band Edge Peak/Average Measurement



2310 MHz to 2390 MHz Restricted Band Plot

Transmitter Band Edge Radiated Emissions (continued)**Results: Peak / 802.11g / 20 MHz / 6 Mbps / MIMO / Port 1+2 / PWL 15****Results: Lower Band Edge**

Frequency (MHz)	Level (dB μ V/m)	-30 dBc Limit (dB μ V/m)	Margin (dB)	Result
2396.88	58.11	73.55	15.44	Complied

Results: Lower Band Edge / Restricted Band Peak

Frequency (MHz)	Level (dB μ V/m)	Peak Limit (dB μ V/m)	Margin (dB)	Result
2347.94	55.79	74.0	18.21	Complied

Results: Lower Band Edge / Restricted Band Average

Frequency (MHz)	Level (dB μ V/m)	Duty cycle correction (dB)	Corrected Level (dB μ V/m)	Average Limit (dB μ V/m)	Margin (dB)	Result
2389.23	44.57	0.20	44.77	54.0	9.23	Complied

Results: Upper Band Edge Peak

Frequency (MHz)	Level (dB μ V/m)	Peak Limit (dB μ V/m)	Margin (dB)	Result
2483.50	62.92	74.0	11.08	Complied
2484.28	62.90	74.0	11.10	Complied

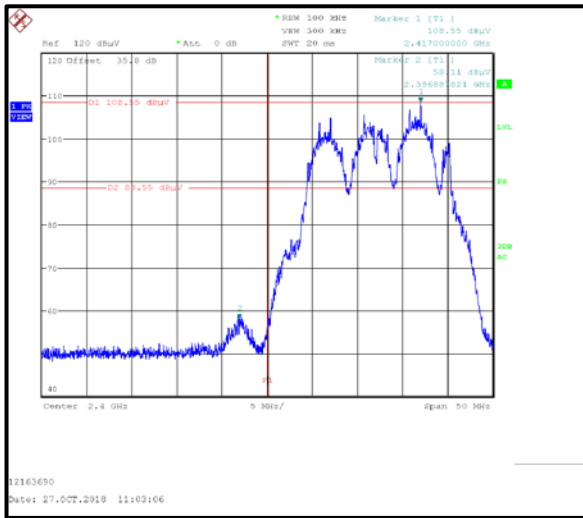
Results: Upper Band Edge Average

Frequency (MHz)	Level (dB μ V/m)	Duty cycle correction (dB)	Corrected Level (dB μ V/m)	Average Limit (dB μ V/m)	Margin (dB)	Result
2483.50	50.28	0.20	50.48	54.0	3.52	Complied
2484.86	50.34	0.20	50.54	54.0	3.46	Complied

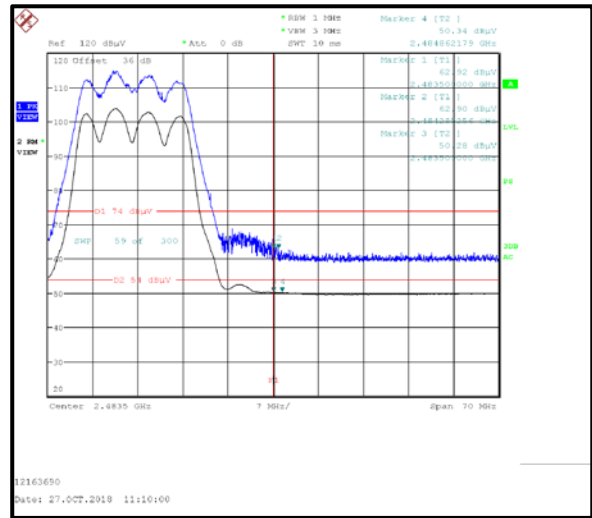
Result: Pass

Transmitter Band Edge Radiated Emissions (continued)

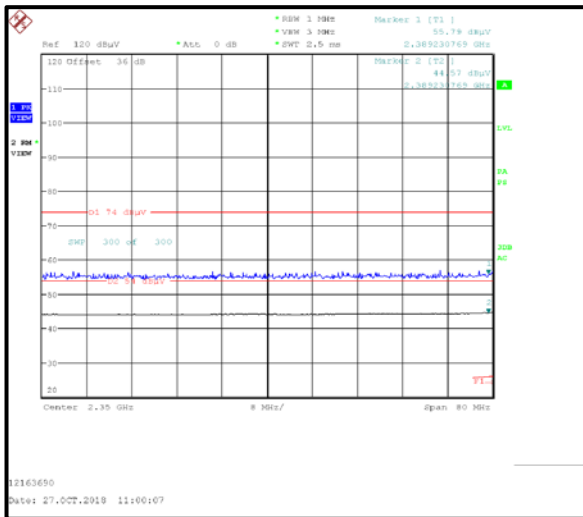
Plots: 802.11g / 20 MHz / 6 Mbps / MIMO / Port 1+2 / PWL 15



Lower Band Edge Peak Measurement



Upper Band Edge Peak/Average Measurement



2310 MHz to 2390 MHz Restricted Band Plot

Transmitter Band Edge Radiated Emissions (continued)**Results: Peak / 802.11n / HT20/ MCS0 / MIMO / Port 1+2 / PWL 15****Results: Lower Band Edge**

Frequency (MHz)	Level (dB μ V/m)	-30 dBc Limit (dB μ V/m)	Margin (dB)	Result
2399.87	56.03	78.44	22.41	Complied

Results: Lower Band Edge / Restricted Band Peak

Frequency (MHz)	Level (dB μ V/m)	Peak Limit (dB μ V/m)	Margin (dB)	Result
2389.87	57.52	74.0	16.48	Complied

Results: Lower Band Edge / Restricted Band Average

Frequency (MHz)	Level (dB μ V/m)	Duty cycle correction (dB)	Corrected Level (dB μ V/m)	Average Limit (dB μ V/m)	Margin (dB)	Result
2390.00	45.71	0.40	46.11	54.0	7.89	Complied

Results: Upper Band Edge Peak

Frequency (MHz)	Level (dB μ V/m)	Peak Limit (dB μ V/m)	Margin (dB)	Result
2483.50	60.95	74.0	13.05	Complied
2487.33	61.14	74.0	12.86	Complied

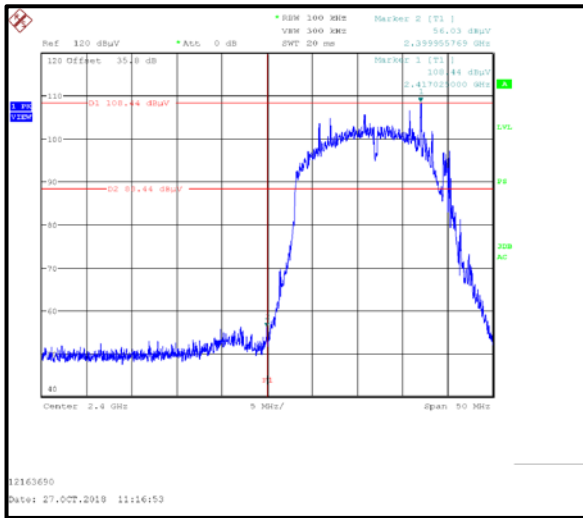
Results: Upper Band Edge Average

Frequency (MHz)	Level (dB μ V/m)	Duty cycle correction (dB)	Corrected Level (dB μ V/m)	Average Limit (dB μ V/m)	Margin (dB)	Result
2483.50	50.14	0.40	50.54	54.0	3.46	Complied

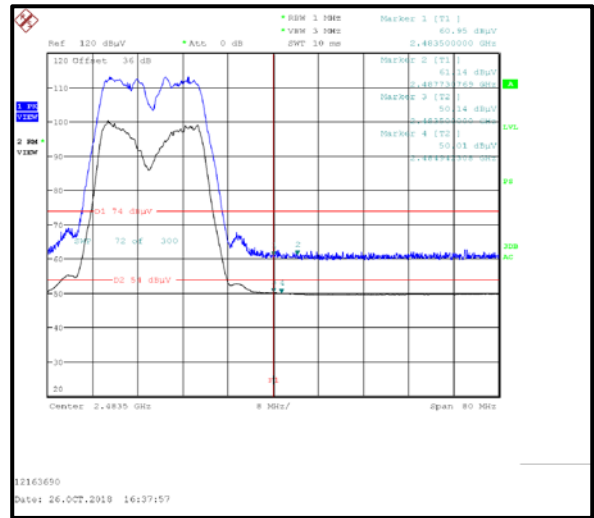
Result: Pass

Transmitter Band Edge Radiated Emissions (continued)

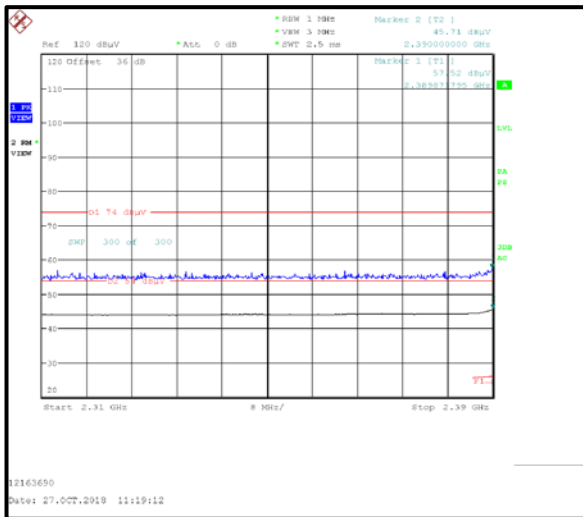
Plots: 802.11n / HT20/ MCS0 / MIMO / Port 1+2 / PWL 15



Lower Band Edge Peak Measurement



Upper Band Edge Peak/Average Measurement



2310 MHz to 2390 MHz Restricted Band Plot

Transmitter Band Edge Radiated Emissions (continued)**Results: Peak / 802.11n / HT40/ MCS0 / MIMO / Port 1+2 / PWL 15****Results: Lower Band Edge**

Frequency (MHz)	Level (dB μ V/m)	-30 dBc Limit (dB μ V/m)	Margin (dB)	Result
2399.26	51.94	72.14	20.20	Complied

Results: Lower Band Edge / Restricted Band Peak

Frequency (MHz)	Level (dB μ V/m)	Peak Limit (dB μ V/m)	Margin (dB)	Result
2337.30	57.17	74.0	16.83	Complied

Results: Lower Band Edge / Restricted Band Average

Frequency (MHz)	Level (dB μ V/m)	Duty cycle correction (dB)	Corrected Level (dB μ V/m)	Average Limit (dB μ V/m)	Margin (dB)	Result
2389.61	44.63	0.60	45.23	54.0	8.77	Complied

Results: Upper Band Edge Peak

Frequency (MHz)	Level (dB μ V/m)	Peak Limit (dB μ V/m)	Margin (dB)	Result
2483.50	62.63	74.0	11.37	Complied
2489.975	63.16	74.0	10.84	Complied

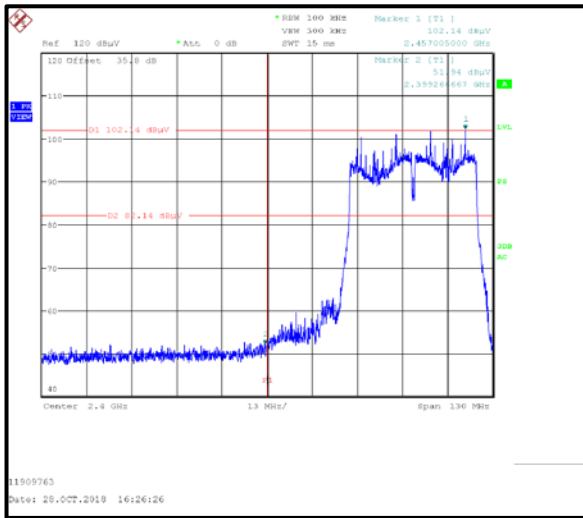
Results: Upper Band Edge Average

Frequency (MHz)	Level (dB μ V/m)	Duty cycle correction (dB)	Corrected Level (dB μ V/m)	Average Limit (dB μ V/m)	Margin (dB)	Result
2483.50	50.40	0.60	51.0	54.0	3.0	Complied

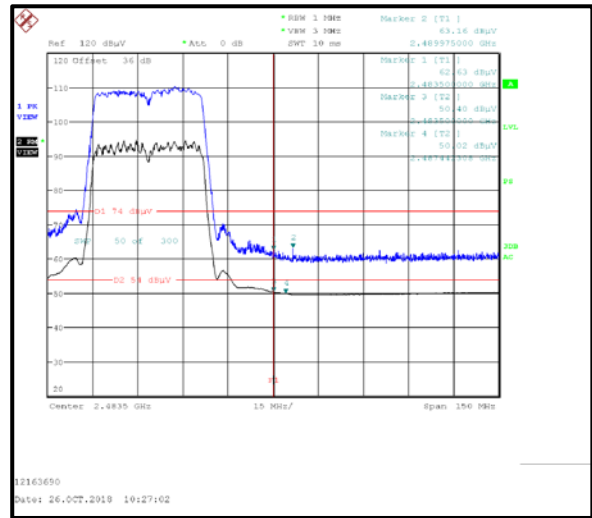
Result: Pass

Transmitter Band Edge Radiated Emissions (continued)

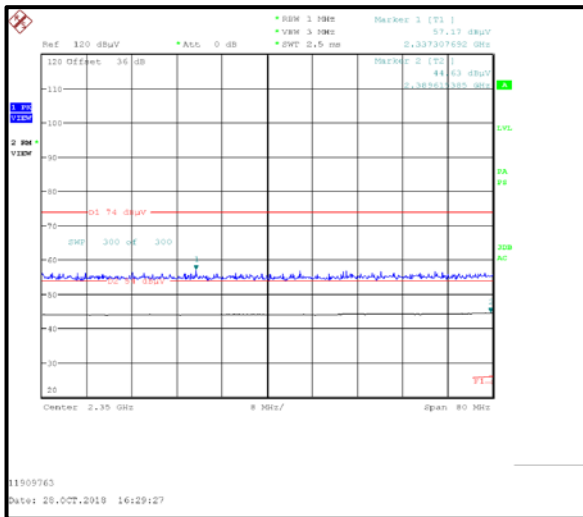
Plots: 802.11n / HT40/ MCS0 / MIMO / Port 1+2 / PWL 15



Lower Band Edge Peak Measurement



Upper Band Edge Peak/Average Measurement



2310 MHz to 2390 MHz Restricted Band Plot

Transmitter Band Edge Radiated Emissions (continued)**Results: Peak / 802.11b / 20 MHz / Port 1+2+3 / PWL 13****Results: Lower Band Edge**

Frequency (MHz)	Level (dB μ V/m)	-30 dBc Limit (dB μ V/m)	Margin (dB)	Result
2399.71	52.32	75.83	23.51	Complied

Results: Lower Band Edge / Restricted Band Peak

Frequency (MHz)	Level (dB μ V/m)	Peak Limit (dB μ V/m)	Margin (dB)	Result
2348.97	56.59	74.0	17.26	Complied

Results: Lower Band Edge / Restricted Band Average

Frequency (MHz)	Level (dB μ V/m)	Average Limit (dB μ V/m)	Margin (dB)	Result
2389.23	44.54	54.0	9.46	Complied

Results: Upper Band Edge Peak

Frequency (MHz)	Level (dB μ V/m)	Peak Limit (dB μ V/m)	Margin (dB)	Result
2483.50	60.68	74.0	13.32	Complied
2484.96	62.35	74.0	11.65	Complied

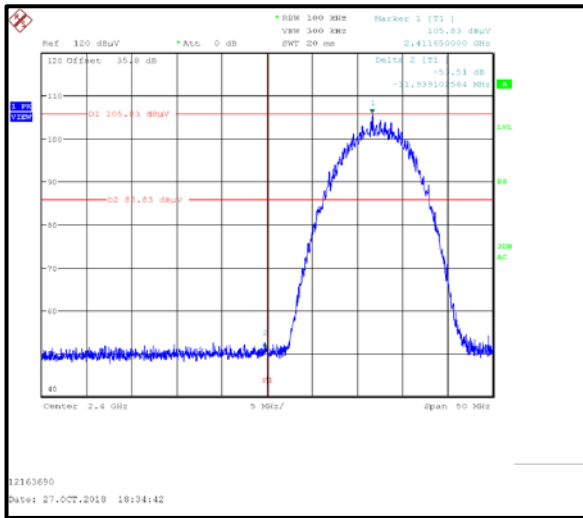
Results: Upper Band Edge Average

Frequency (MHz)	Level (dB μ V/m)	Average Limit (dB μ V/m)	Margin (dB)	Result
2483.50	49.90	54.0	4.10	Complied
2485.54	50.17	54.0	3.83	Complied

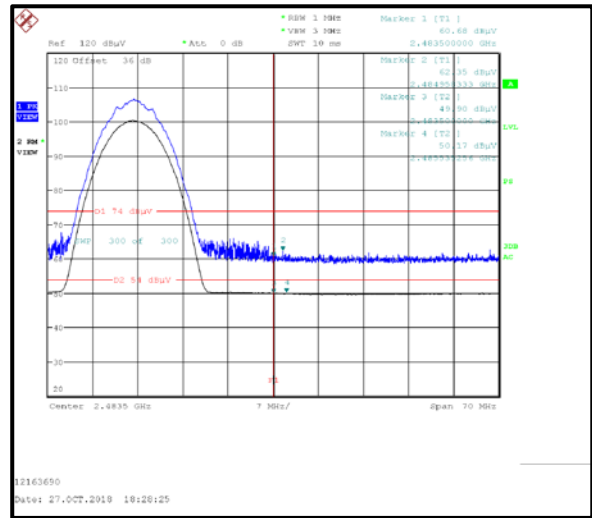
Result: Pass

Transmitter Band Edge Radiated Emissions (continued)

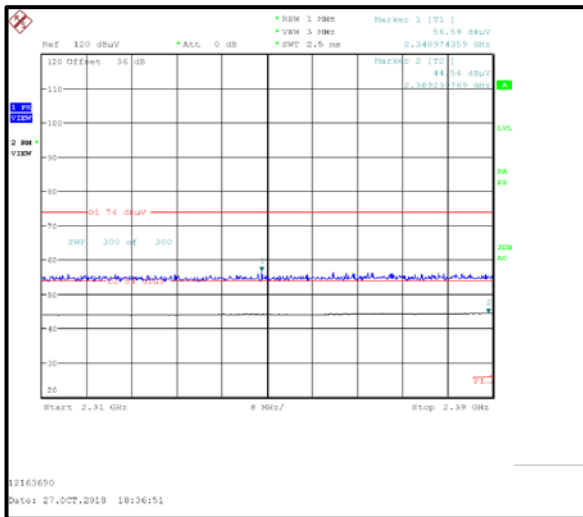
Plots: 802.11b / 20 MHz / Port 1+2+3 / PWL 13



Lower Band Edge Peak Measurement



Upper Band Edge Peak/Average Measurement



2310 MHz to 2390 MHz Restricted Band Plot

Transmitter Band Edge Radiated Emissions (continued)**Results: Peak / 802.11g / 20 MHz / Port 1+2+3 / PWL 13****Results: Lower Band Edge**

Frequency (MHz)	Level (dB μ V/m)	-30 dBc Limit (dB μ V/m)	Margin (dB)	Result
2399.80	52.78	73.65	20.87	Complied

Results: Lower Band Edge / Restricted Band Peak

Frequency (MHz)	Level (dB μ V/m)	Peak Limit (dB μ V/m)	Margin (dB)	Result
2357.95	56.64	74.0	17.36	Complied

Results: Lower Band Edge / Restricted Band Average

Frequency (MHz)	Level (dB μ V/m)	Duty cycle correction (dB)	Corrected Level (dB μ V/m)	Average Limit (dB μ V/m)	Margin (dB)	Result
2390.00	44.58	0.20	44.78	54.0	9.22	Complied

Results: Upper Band Edge Peak

Frequency (MHz)	Level (dB μ V/m)	Peak Limit (dB μ V/m)	Margin (dB)	Result
2483.50	60.01	74.0	13.99	Complied
2484.96	61.28	74.0	12.72	Complied

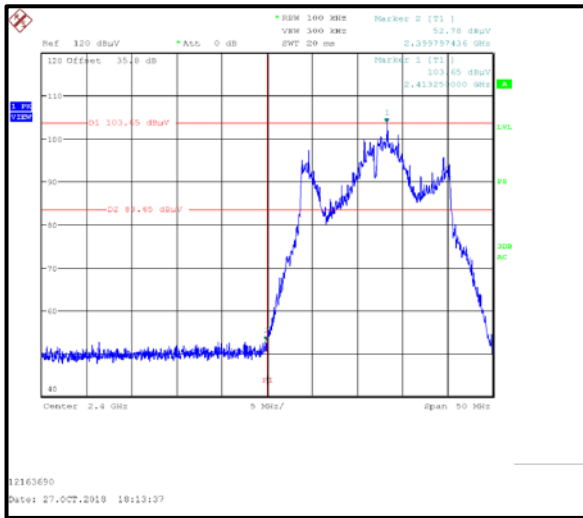
Results: Upper Band Edge Average

Frequency (MHz)	Level (dB μ V/m)	Duty cycle correction (dB)	Corrected Level (dB μ V/m)	Average Limit (dB μ V/m)	Margin (dB)	Result
2483.50	50.02	0.20	50.48	54.0	3.52	Complied
2484.86	50.07	0.20	50.27	54.0	3.73	Complied

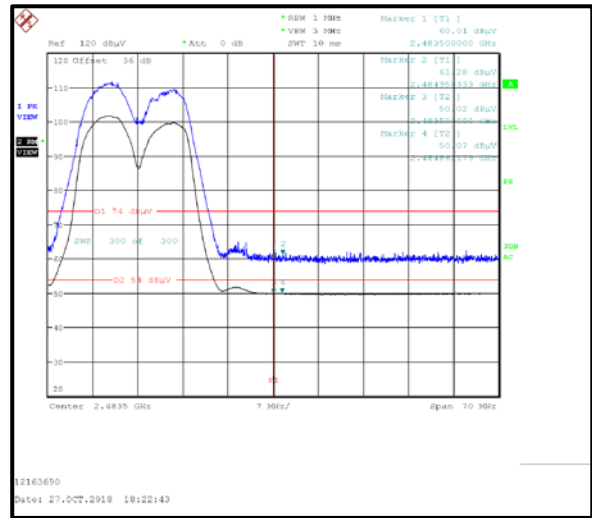
Result: Pass

Transmitter Band Edge Radiated Emissions (continued)

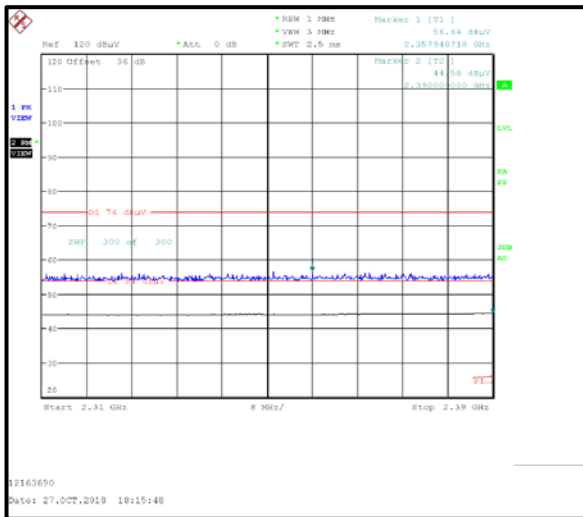
Plots: 802.11g / 20 MHz / Port 1+2+3 / PWL 13



Lower Band Edge Peak Measurement



Upper Band Edge Peak/Average Measurement



2310 MHz to 2390 MHz Restricted Band Plot

Transmitter Band Edge Radiated Emissions (continued)**Results: Peak / 802.11n / HT20 / MCS0 / MIMO / Port 1+2+3 / PWL 13****Results: Lower Band Edge**

Frequency (MHz)	Level (dB μ V/m)	-30 dBc Limit (dB μ V/m)	Margin (dB)	Result
2399.96	56.03	78.44	22.41	Complied

Results: Lower Band Edge / Restricted Band Peak

Frequency (MHz)	Level (dB μ V/m)	Peak Limit (dB μ V/m)	Margin (dB)	Result
2389.87	57.52	74.0	16.48	Complied

Results: Lower Band Edge / Restricted Band Average

Frequency (MHz)	Level (dB μ V/m)	Duty cycle correction (dB)	Corrected Level (dB μ V/m)	Average Limit (dB μ V/m)	Margin (dB)	Result
2390.00	45.71	0.40	46.11	54.0	7.89	Complied

Results: Upper Band Edge Peak

Frequency (MHz)	Level (dB μ V/m)	Peak Limit (dB μ V/m)	Margin (dB)	Result
2483.50	60.95	74.0	13.05	Complied
2487.33	61.14	74.0	12.86	Complied

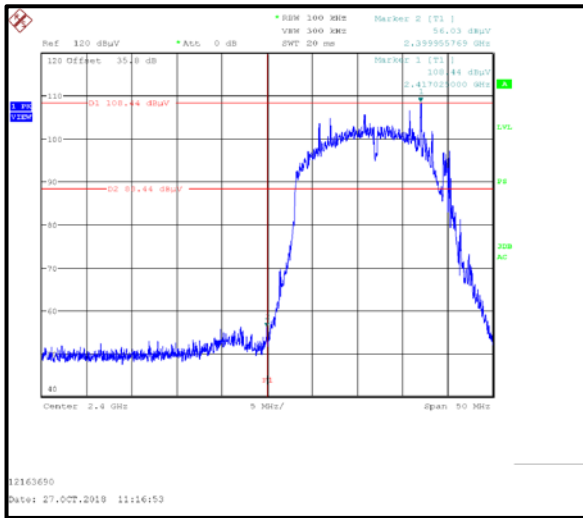
Results: Upper Band Edge Average

Frequency (MHz)	Level (dB μ V/m)	Duty cycle correction (dB)	Corrected Level (dB μ V/m)	Average Limit (dB μ V/m)	Margin (dB)	Result
2483.50	50.14	0.40	50.54	54.0	3.46	Complied

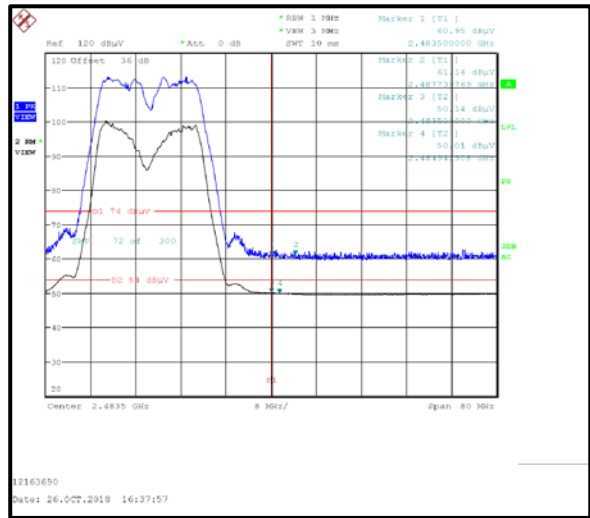
Result: Pass

Transmitter Band Edge Radiated Emissions (continued)

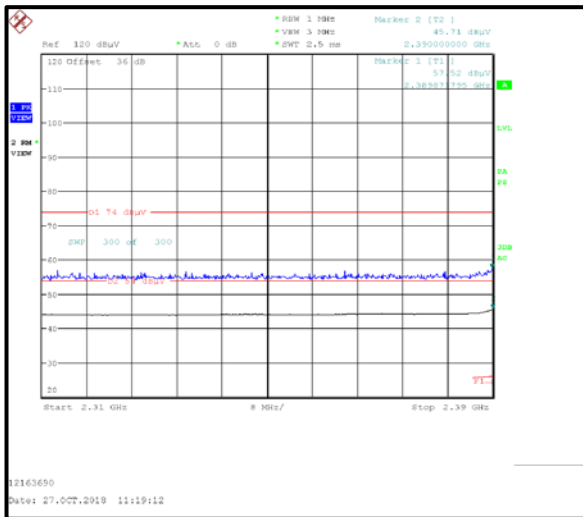
Plots: 802.11n / HT20 / MCS0 / MIMO / Port 1+2+3 / PWL 13



Lower Band Edge Peak Measurement



Upper Band Edge Peak/Average Measurement



2310 MHz to 2390 MHz Restricted Band Plot

Transmitter Band Edge Radiated Emissions (continued)**Results: Peak / 802.11n / HT40 / MCS0 / MIMO / Port 1+2+3 / PWL 13****Results: Lower Band Edge**

Frequency (MHz)	Level (dB μ V/m)	-30 dBc Limit (dB μ V/m)	Margin (dB)	Result
2399.26	51.94	72.14	20.20	Complied

Results: Lower Band Edge / Restricted Band Peak

Frequency (MHz)	Level (dB μ V/m)	Peak Limit (dB μ V/m)	Margin (dB)	Result
2337.30	57.17	74.0	16.83	Complied

Results: Lower Band Edge / Restricted Band Average

Frequency (MHz)	Level (dB μ V/m)	Duty cycle correction (dB)	Corrected Level (dB μ V/m)	Average Limit (dB μ V/m)	Margin (dB)	Result
2389.61	44.63	0.60	45.23	54.0	8.77	Complied

Results: Upper Band Edge Peak

Frequency (MHz)	Level (dB μ V/m)	Limit (dB μ V/m)	Margin (dB)	Result
2483.50	62.63	74.0	11.37	Complied
2489.975	63.16	74.0	10.84	Complied

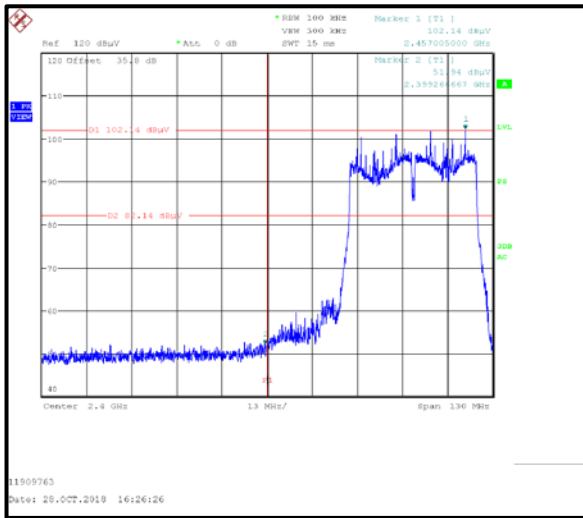
Results: Upper Band Edge Average

Frequency (MHz)	Level (dB μ V/m)	Duty cycle correction (dB)	Corrected Level (dB μ V/m)	Average Limit (dB μ V/m)	Margin (dB)	Result
2483.50	50.40	0.60	51.0	54.0	3.0	Complied

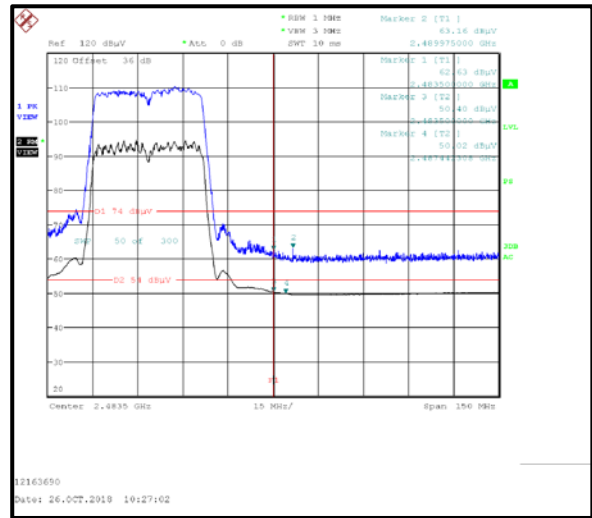
Result: Pass

Transmitter Band Edge Radiated Emissions (continued)

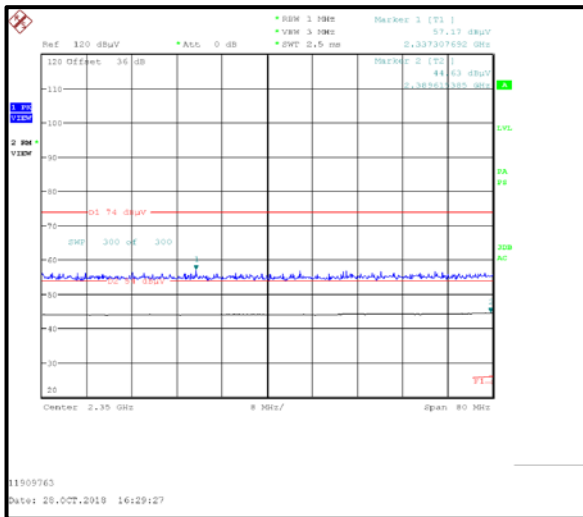
Plots: 802.11n / HT40 / MCS0 / MIMO / Port 1+2+3 / PWL 13



Lower Band Edge Peak Measurement



Upper Band Edge Peak/Average Measurement



2310 MHz to 2390 MHz Restricted Band Plot

Transmitter Band Edge Radiated Emissions (continued)**Results: Peak / 802.11b / 20 MHz / MIMO / Port 1+2+3+4 / PWL 12****Results: Lower Band Edge**

Frequency (MHz)	Level (dB μ V/m)	-30 dBc Limit (dB μ V/m)	Margin (dB)	Result
2399.47	53.86	71.54	17.68	Complied

Results: Lower Band Edge / Restricted Band Peak

Frequency (MHz)	Level (dB μ V/m)	Peak Limit (dB μ V/m)	Margin (dB)	Result
2346.28	56.95	74.0	17.05	Complied

Results: Lower Band Edge / Restricted Band Average

Frequency (MHz)	Level (dB μ V/m)	Average Limit (dB μ V/m)	Margin (dB)	Result
2389.74	44.57	54.0	9.43	Complied

Results: Upper Band Edge Peak / Average

Frequency (MHz)	Level (dB μ V/m)	Peak Limit (dB μ V/m)	Margin (dB)	Result
2483.50	60.46	74.0	13.54	Complied
2486.52	60.97	74.0	13.03	Complied

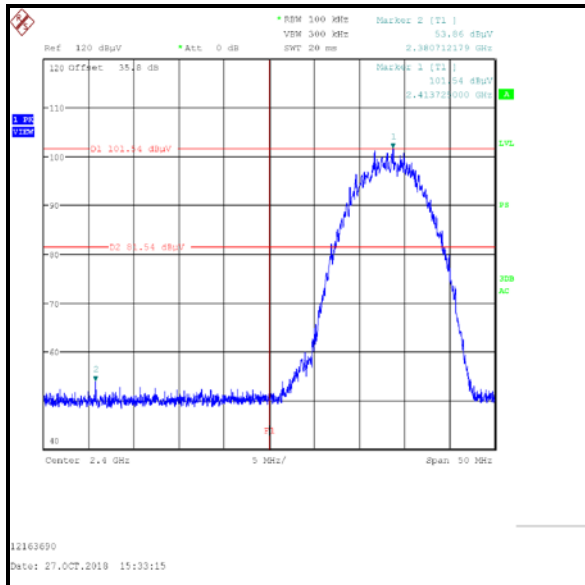
Results: Upper Band Edge Peak / Average

Frequency (MHz)	Level (dB μ V/m)	Average Limit (dB μ V/m)	Margin (dB)	Result
2483.50	50.08	54.0	3.92	Complied

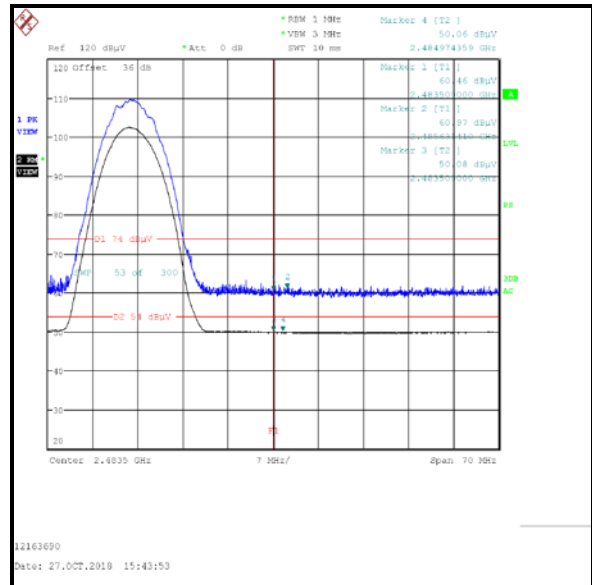
Result: Pass

Transmitter Band Edge Radiated Emissions (continued)

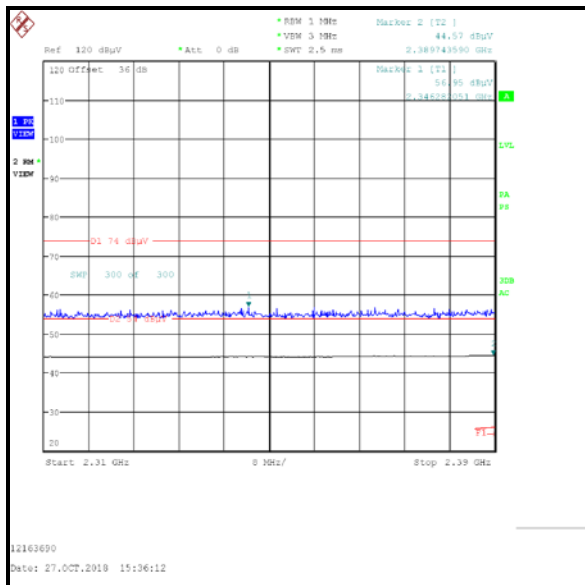
Plots: 802.11b / 20 MHz / MIMO / Port 1+2+3+4 / PWL 12



Lower Band Edge Peak Measurement



Upper Band Edge Peak/Average Measurement



2310 MHz to 2390 MHz Restricted Band Plot

Transmitter Band Edge Radiated Emissions (continued)**Results: Peak / 802.11g / 20 MHz / MIMO / Port 1+2+3+4 / PWL 12****Results: Lower Band Edge**

Frequency (MHz)	Level (dB μ V/m)	-30 dBc Limit (dB μ V/m)	Margin (dB)	Result
2399.95	52.11	71.17	19.06	Complied

Results: Lower Band Edge / Restricted Band Peak

Frequency (MHz)	Level (dB μ V/m)	Peak Limit (dB μ V/m)	Margin (dB)	Result
2319.87	57.14	74.0	16.86	Complied

Results: Lower Band Edge / Restricted Band Average

Frequency (MHz)	Level (dB μ V/m)	Duty cycle correction (dB)	Corrected Level (dB μ V/m)	Average Limit (dB μ V/m)	Margin (dB)	Result
2389.74	44.79	0.20	44.99	54.0	9.01	Complied

Results: Upper Band Edge Peak

Frequency (MHz)	Level (dB μ V/m)	Peak Limit (dB μ V/m)	Margin (dB)	Result
2483.50	60.01	74.0	13.99	Complied
2484.62	62.88	74.0	11.12	Complied

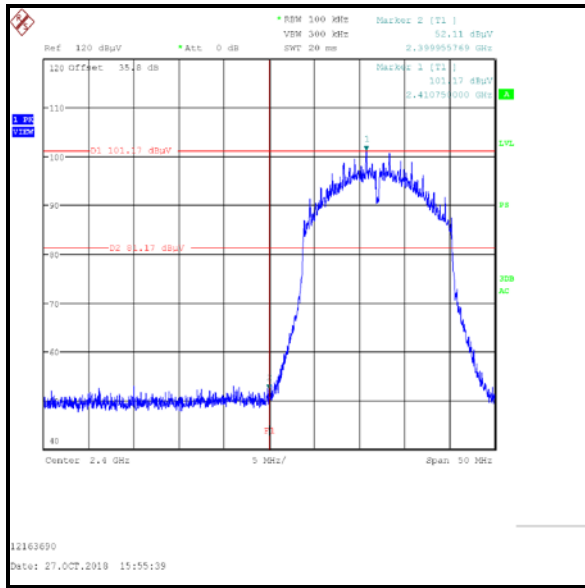
Results: Upper Band Edge Average

Frequency (MHz)	Level (dB μ V/m)	Duty cycle correction (dB)	Corrected Level (dB μ V/m)	Average Limit (dB μ V/m)	Margin (dB)	Result
2483.50	50.03	0.20	50.23	54.0	3.77	Complied
2485.31	50.05	0.20	50.25	54.0	3.75	Complied

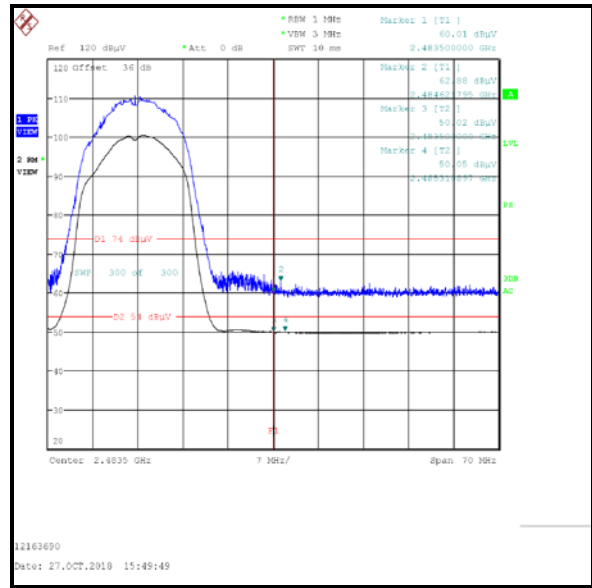
Result: Pass

Transmitter Band Edge Radiated Emissions (continued)

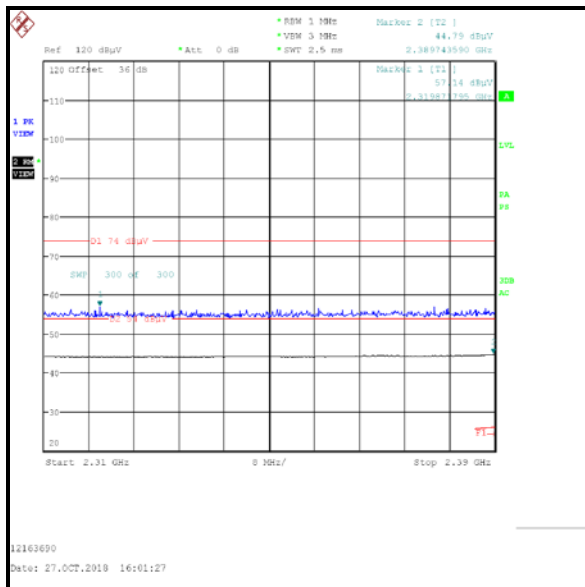
Plots: 802.11g / 20 MHz / MIMO / Port 1+2+3+4 / PWL 12



Lower Band Edge Peak Measurement



Upper Band Edge Peak/Average Measurement



2310 MHz to 2390 MHz Restricted Band Plot

Transmitter Band Edge Radiated Emissions (continued)**Results: Peak / 802.11n / HT20 / MCS0 / MIMO / Port 1+2+3+4 / PWL 12****Results: Lower Band Edge**

Frequency (MHz)	Level (dB μ V/m)	-30 dBc Limit (dB μ V/m)	Margin (dB)	Result
2399.47	49.75	71.61	21.86	Complied

Results: Lower Band Edge / Restricted Band Peak

Frequency (MHz)	Level (dB μ V/m)	Peak Limit (dB μ V/m)	Margin (dB)	Result
2355.76	56.74	74.0	17.26	Complied

Results: Lower Band Edge / Restricted Band Average

Frequency (MHz)	Level (dB μ V/m)	Duty cycle correction (dB)	Corrected Level (dB μ V/m)	Average Limit (dB μ V/m)	Margin (dB)	Result
2390.00	44.90	0.40	45.3	54.0	8.7	Complied

Results: Upper Band Edge Peak

Frequency (MHz)	Level (dB μ V/m)	Peak Limit (dB μ V/m)	Margin (dB)	Result
2483.50	59.50	74.0	14.5	Complied
2506.61	64.3	74.0	9.7	Complied

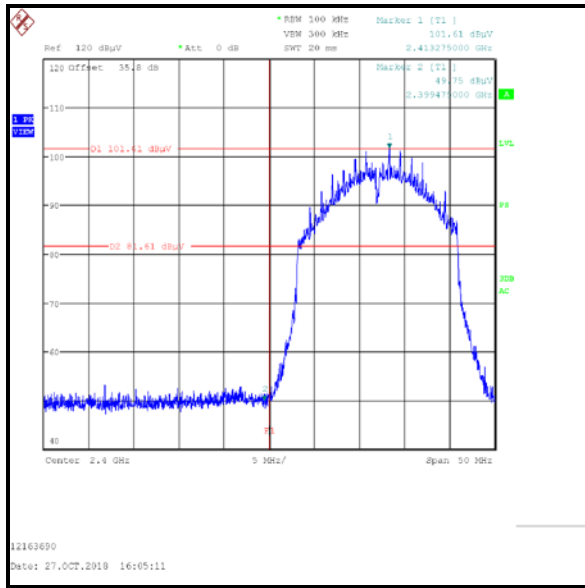
Results: Upper Band Edge Average

Frequency (MHz)	Level (dB μ V/m)	Duty cycle correction (dB)	Corrected Level (dB μ V/m)	Average Limit (dB μ V/m)	Margin (dB)	Result
2483.50	49.94	0.40	50.34	54.0	3.66	Complied
2483.50	50.05	0.40	50.45	54.0	3.55	Complied

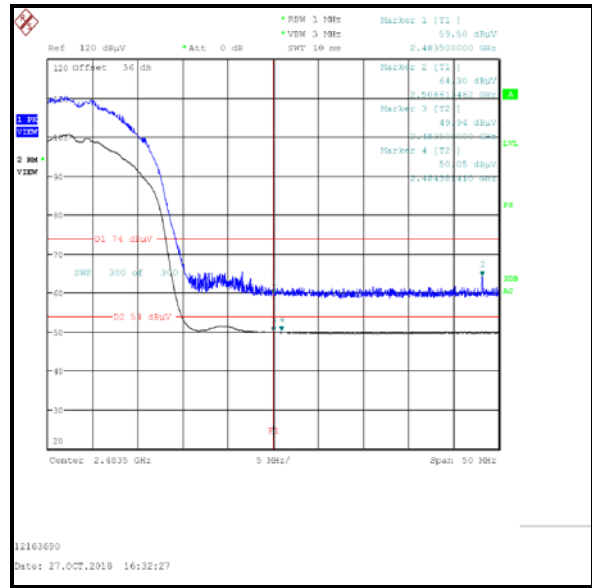
Result: Pass

Transmitter Band Edge Radiated Emissions (continued)

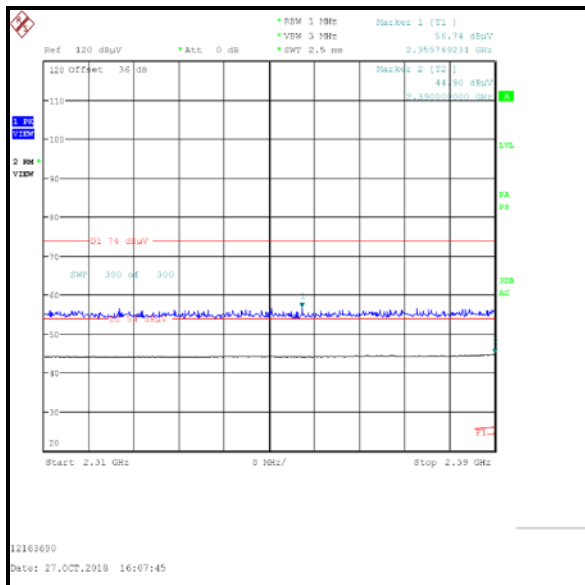
Plots: 802.11n / HT20 / MCS0 / MIMO / Port 1+2+3+4 / PWL 12



Lower Band Edge Peak Measurement



Upper Band Edge Peak/Average Measurement



2310 MHz to 2390 MHz Restricted Band Plot

Transmitter Band Edge Radiated Emissions (continued)**Results: Peak / 802.11n / HT40 / MCS0 / MIMO / Port 1+2+3+4 / PWL 12****Results: Lower Band Edge**

Frequency (MHz)	Level (dB μ V/m)	-30 dBc Limit (dB μ V/m)	Margin (dB)	Result
2395.72	51.78	69.32	17.54	Complied

Results: Lower Band Edge / Restricted Band Peak

Frequency (MHz)	Level (dB μ V/m)	Peak Limit (dB μ V/m)	Margin (dB)	Result
2347.82	56.74	74.0	17.26	Complied

Results: Lower Band Edge / Restricted Band Average

Frequency (MHz)	Level (dB μ V/m)	Duty cycle correction (dB)	Corrected Level (dB μ V/m)	Average Limit (dB μ V/m)	Margin (dB)	Result
2389.74	44.65	0.60	45.25	54.0	8.75	Complied

Results: Upper Band Edge Peak

Frequency (MHz)	Level (dB μ V/m)	Peak Limit (dB μ V/m)	Margin (dB)	Result
2483.50	60.28	74.0	13.72	Complied
2492.05	62.22	74.0	11.78	Complied

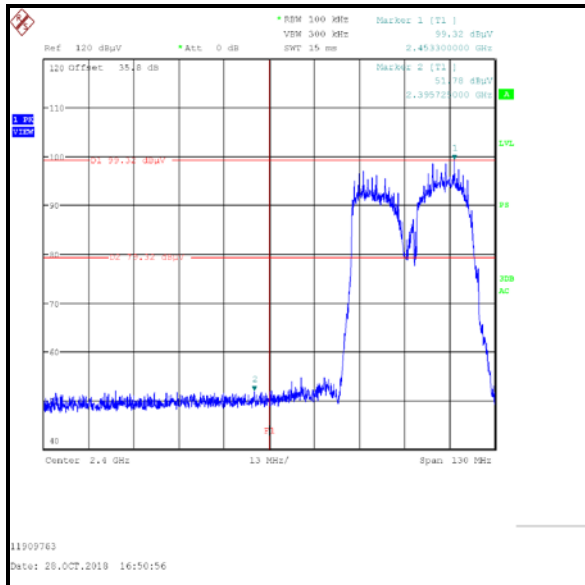
Results: Upper Band Edge Average

Frequency (MHz)	Level (dB μ V/m)	Duty cycle correction (dB)	Corrected Level (dB μ V/m)	Average Limit (dB μ V/m)	Margin (dB)	Result
2483.50	49.97	0.60	50.57	54.0	3.43	Complied

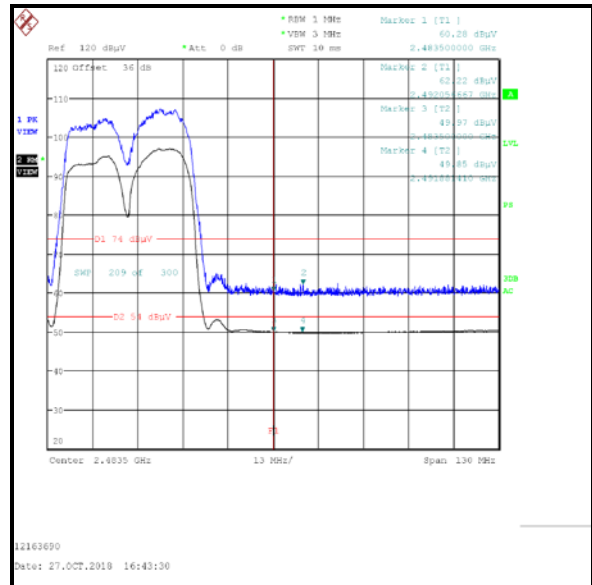
Result: Pass

Transmitter Band Edge Radiated Emissions (continued)

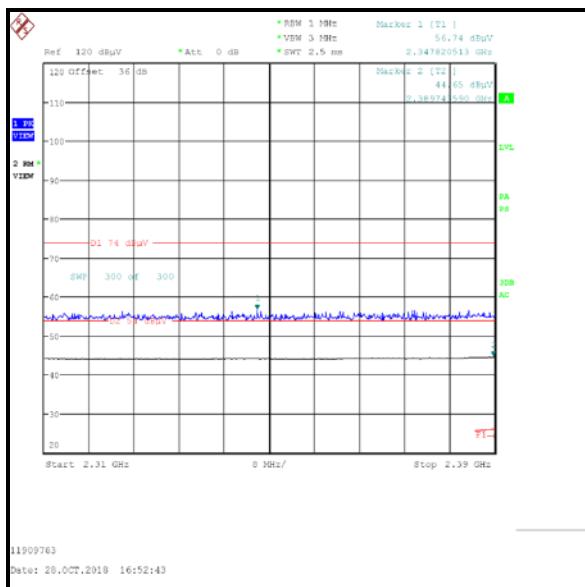
Plots: 802.11n / HT40 / MCS0 / SISO / Port 1+2+3+4 / PWL 12



Lower Band Edge Peak Measurement



Upper Band Edge Peak/Average Measurement



2310 MHz to 2390 MHz Restricted Band Plot

14 dBi group**Results: 802.11b / 20 MHz / 5.5 Mbps / Port 1 / PWL 11****Results: Lower Band Edge**

Frequency (MHz)	Level (dB μ V/m)	-30 dBc Limit (dB μ V/m)	Margin (dB)	Result
2399.03	53.46	77.62	24.16	Complied
2400.00	50.64	77.62	26,98	Complied

Results: Lower Band Edge / Restricted Band Peak

Frequency (MHz)	Level (dB μ V/m)	Peak Limit (dB μ V/m)	Margin (dB)	Result
2390.00	58.20	74.0	15.80	Complied

Results: Lower Band Edge / Restricted Band Average

Frequency (MHz)	Level (dB μ V/m)	Average Limit (dB μ V/m)	Margin (dB)	Result
2389.87	44.83	54.0	9.17	Complied

Results: Upper Band Edge Peak

Frequency (MHz)	Level (dB μ V/m)	Peak Limit (dB μ V/m)	Margin (dB)	Result
2483.50	60.28	74.0	13.72	Complied
2484.56	64.36	74.0	9.64	Complied

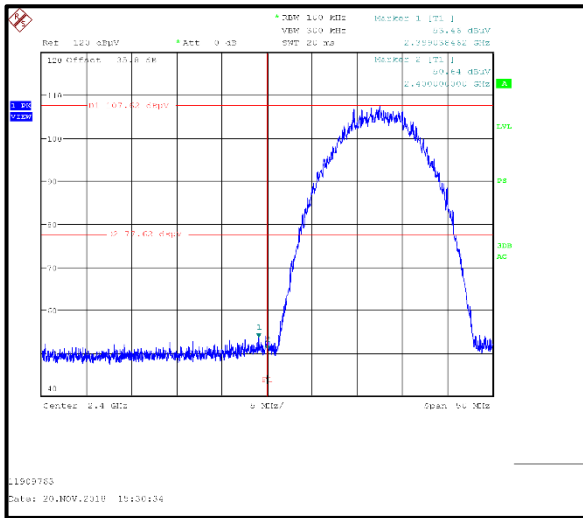
Results: Upper Band Edge Average

Frequency (MHz)	Level (dB μ V/m)	Average Limit (dB μ V/m)	Margin (dB)	Result
2483.50	50.46	54.0	3.54	Complied
2484.32	50.51	54.0	3.49	Complied

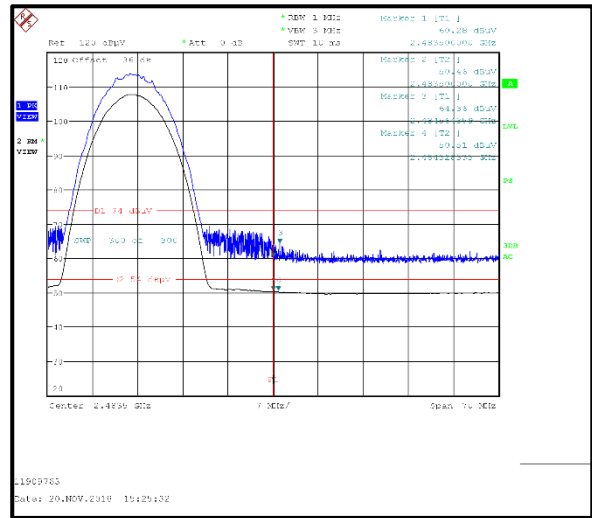
Result: Pass

Transmitter Band Edge Radiated Emissions (continued)

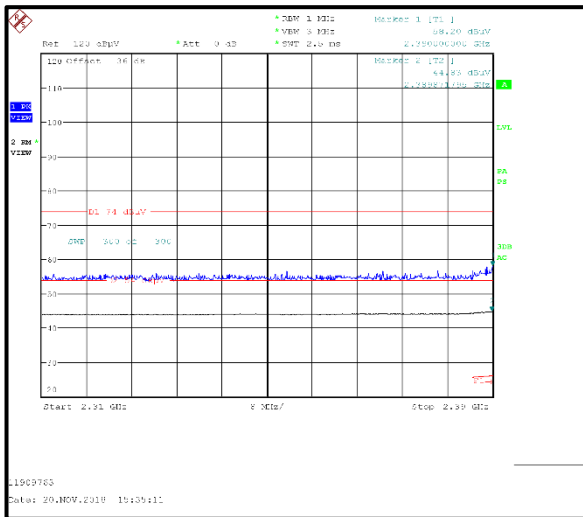
Plots: 802.11b / 20 MHz / 5.5 Mbps / Port 1 / PWL 11



Lower Band Edge Peak Measurement



Upper Band Edge Peak/Average Measurement



2310 MHz to 2390 MHz Restricted Band Plot

Transmitter Band Edge Radiated Emissions (continued)

Results: Peak / 802.11g / 20 MHz / 6 Mbps / Port 1 / PWL 11

Results: Lower Band Edge

Frequency (MHz)	Level (dBµV/m)	-30 dBc Limit (dBµV/m)	Margin (dB)	Result
2399.14	59.18	78.36	19.18	Complied
2400.00	61.09	78.36	17.27	Complied

Results: Lower Band Edge / Restricted Band Peak

Frequency (MHz)	Level (dBµV/m)	Peak Limit (dBµV/m)	Margin (dB)	Result
2389.61	59.14	74.0	14.86	Complied

Results: Lower Band Edge / Restricted Band Average

Frequency (MHz)	Level (dBµV/m)	Duty cycle correction (dB)	Corrected Level (dBµV/m)	Average Limit (dBµV/m)	Margin (dB)	Result
2390.00	46.33	0.20	46.53	54.0	7.47	Complied

Results: Upper Band Edge Peak

Frequency (MHz)	Level (dBµV/m)	Peak Limit (dBµV/m)	Margin (dB)	Result
2483.50	63.76	74.0	10.24	Complied
2484.34	64.13	74.0	9.87	Complied

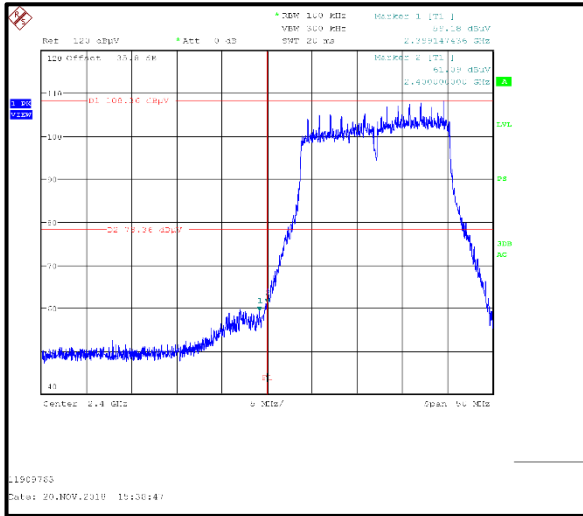
Results: Upper Band Edge Average

Frequency (MHz)	Level (dBµV/m)	Duty cycle correction (dB)	Corrected Level (dBµV/m)	Average Limit (dBµV/m)	Margin (dB)	Result
2483.50	50.52	0.20	50.72	54.0	3.28	Complied

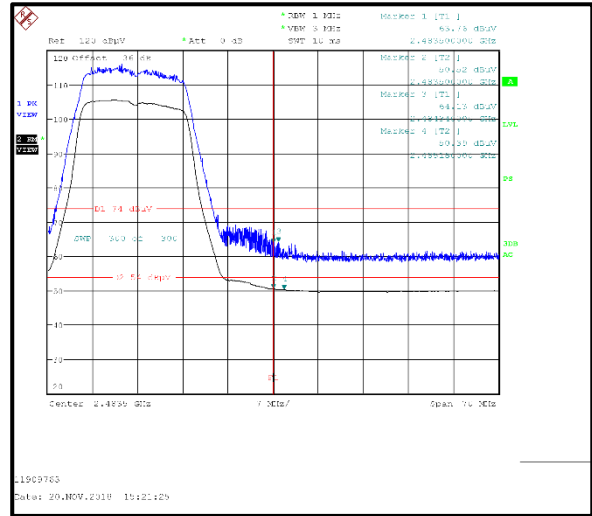
Result: **Pass**

Transmitter Band Edge Radiated Emissions (continued)

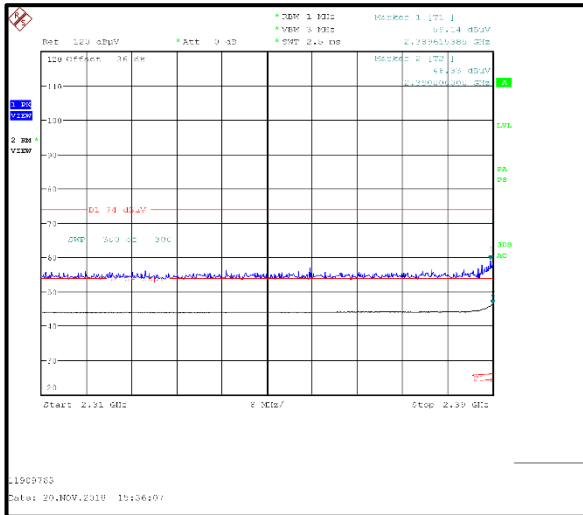
Plots: 802.11g / 20 MHz / 6 Mbps / Port 1 / PWL 11



Lower Band Edge Peak Measurement



Upper Band Edge Peak/Average Measurement



2310 MHz to 2390 MHz Restricted Band Plot

Transmitter Band Edge Radiated Emissions (continued)**Results: Peak / 802.11n / HT20 / MCS0 / SISO / Port 1 / PWL 11****Results: Lower Band Edge**

Frequency (MHz)	Level (dB μ V/m)	-30 dBc Limit (dB μ V/m)	Margin (dB)	Result
2400.00	63.39	78.04	14.65	Complied

Results: Lower Band Edge / Restricted Band Peak

Frequency (MHz)	Level (dB μ V/m)	Peak Limit (dB μ V/m)	Margin (dB)	Result
2390.00	60.65	74.0	13.35	Complied

Results: Lower Band Edge / Restricted Band Average

Frequency (MHz)	Level (dB μ V/m)	Duty cycle correction (dB)	Corrected Level (dB μ V/m)	Average Limit (dB μ V/m)	Margin (dB)	Result
2390.00	47.45	0.40	47.85	54.0	6.15	Complied

Results: Upper Band Edge Peak

Frequency (MHz)	Level (dB μ V/m)	Peak Limit (dB μ V/m)	Margin (dB)	Result
2483.50	63.13	74.0	10.87	Complied
2483.76	64.98	74.0	9.02	Complied

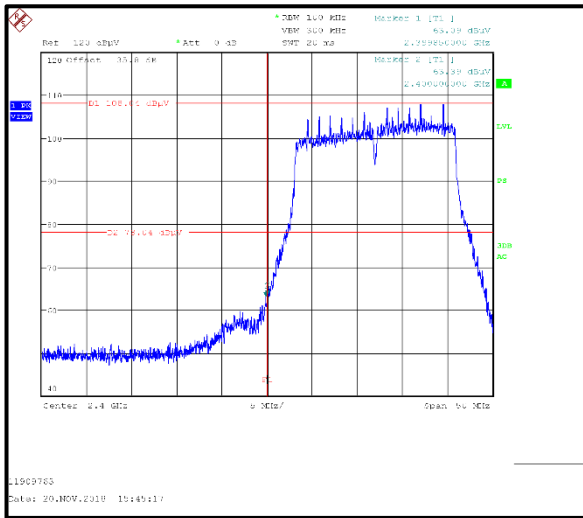
Results: Upper Band Edge Average

Frequency (MHz)	Level (dB μ V/m)	Duty cycle correction (dB)	Corrected Level (dB μ V/m)	Average Limit (dB μ V/m)	Margin (dB)	Result
2483.50	50.50	0.40	50.90	54.0	3.10	Complied

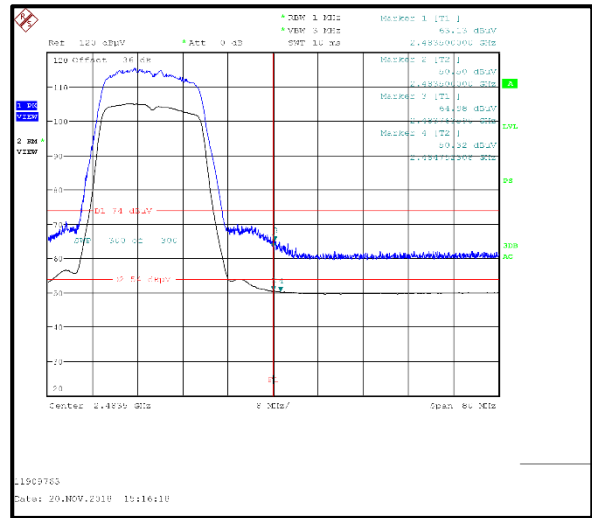
Result: Pass

Transmitter Band Edge Radiated Emissions (continued)

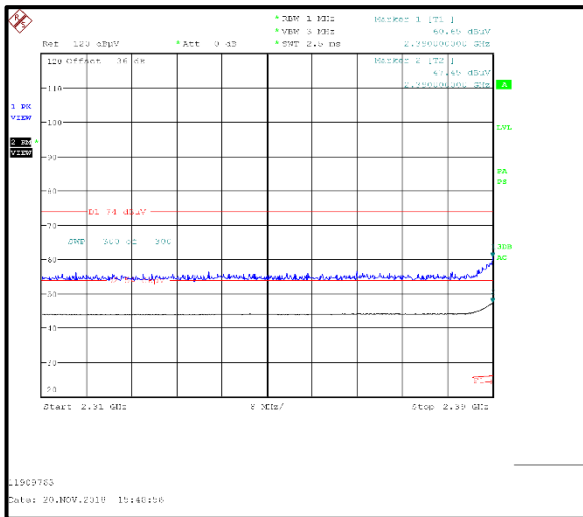
Plots: 802.11n / HT20 / MCS0 / SISO / Port 1 / PWL 11



Lower Band Edge Peak Measurement



Upper Band Edge Peak/Average Measurement



2310 MHz to 2390 MHz Restricted Band Plot

Transmitter Band Edge Radiated Emissions (continued)**Results: Peak / 802.11n / HT40 / MCS0 / SISO / Port 1 / PWL 11****Results: Lower Band Edge**

Frequency (MHz)	Level (dB μ V/m)	-30 dBc Limit (dB μ V/m)	Margin (dB)	Result
2398.26	61.93	75.53	13.60	Complied
2400.00	55.49	75.53	20.04	Complied

Results: Lower Band Edge / Restricted Band Peak

Frequency (MHz)	Level (dB μ V/m)	Peak Limit (dB μ V/m)	Margin (dB)	Result
2389.23	64.30	74.0	9.70	Complied

Results: Lower Band Edge / Restricted Band Average

Frequency (MHz)	Level (dB μ V/m)	Duty cycle correction (dB)	Corrected Level (dB μ V/m)	Average Limit (dB μ V/m)	Margin (dB)	Result
2390.00	52.25	0.60	52.85	54.0	1.15	Complied

Results: Upper Band Edge Peak

Frequency (MHz)	Level (dB μ V/m)	Peak Limit (dB μ V/m)	Margin (dB)	Result
2483.50	62.71	74.0	11.29	Complied

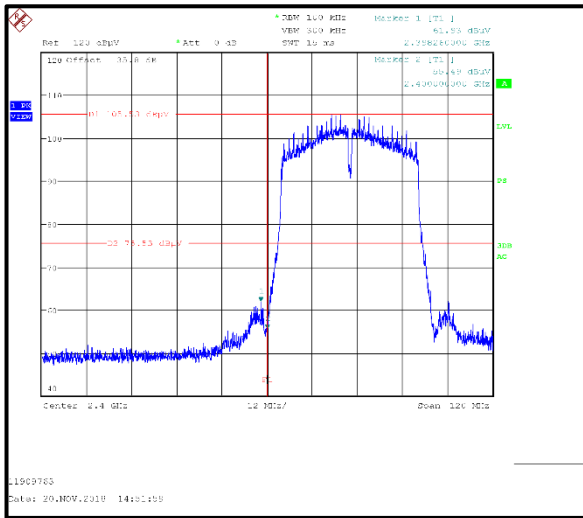
Results: Upper Band Edge Average

Frequency (MHz)	Level (dB μ V/m)	Duty cycle correction (dB)	Corrected Level (dB μ V/m)	Average Limit (dB μ V/m)	Margin (dB)	Result
2483.50	50.70	0.60	51.30	54.0	2.70	Complied

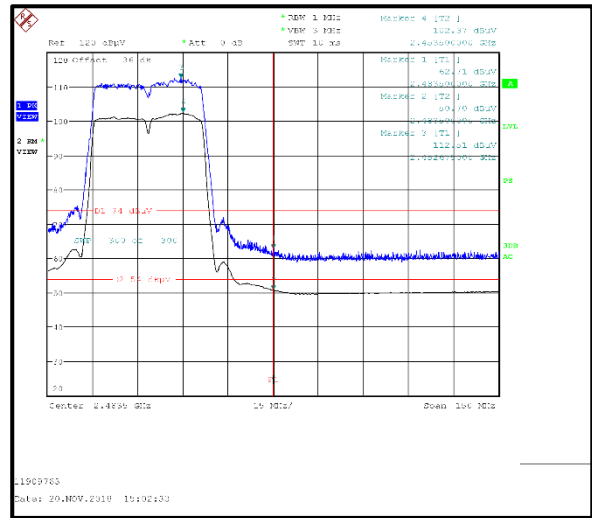
Result: Pass

Transmitter Band Edge Radiated Emissions (continued)

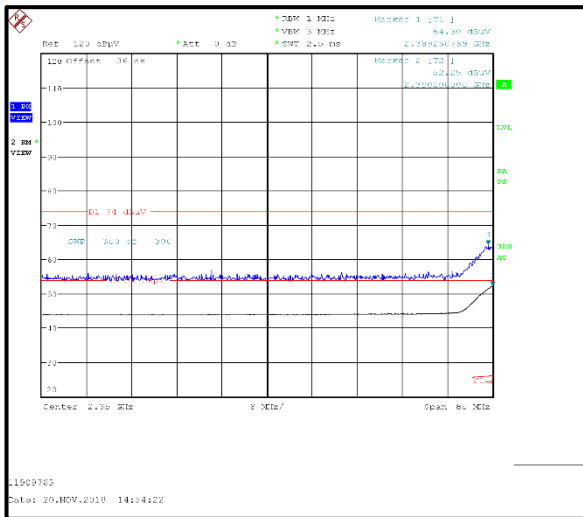
Plots: 802.11n / HT40 / MCS0 / SISO / Port 1 / PWL 11



Lower Band Edge Peak Measurement



Upper Band Edge Peak/Average Measurement



2310 MHz to 2390 MHz Restricted Band Plot

Transmitter Band Edge Radiated Emissions (continued)**Results: Peak / 802.11b / 20 MHz / 5.5 Mbps / MIMO / Port 1+2 / PWL 10****Results: Lower Band Edge**

Frequency (MHz)	Level (dB μ V/m)	-30 dBc Limit (dB μ V/m)	Margin (dB)	Result
2398.52	54.99	80.81	25.82	Complied
2400.00	52.48	80.81	28.33	Complied

Results: Lower Band Edge / Restricted Band Peak

Frequency (MHz)	Level (dB μ V/m)	Peak Limit (dB μ V/m)	Margin (dB)	Result
2390.00	58.63	74.0	15.37	Complied

Results: Lower Band Edge / Restricted Band Average

Frequency (MHz)	Level (dB μ V/m)	Average Limit (dB μ V/m)	Margin (dB)	Result
2390.00	45.04	54.0	8.96	Complied

Results: Upper Band Edge Peak

Frequency (MHz)	Level (dB μ V/m)	Peak Limit (dB μ V/m)	Margin (dB)	Result
2483.50	60.00	74.0	14.00	Complied
2484.44	65.02	74.0	11.32	Complied

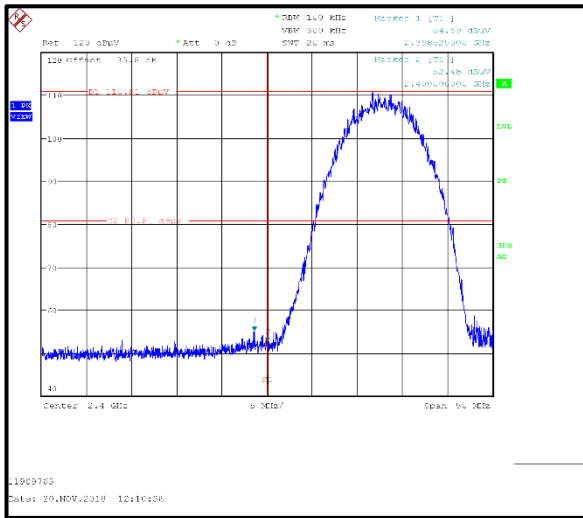
Results: Upper Band Edge Average

Frequency (MHz)	Level (dB μ V/m)	Average Limit (dB μ V/m)	Margin (dB)	Result
2483.50	49.90	54.0	4.10	Complied
2516.99	50.12	54.0	3.88	Complied

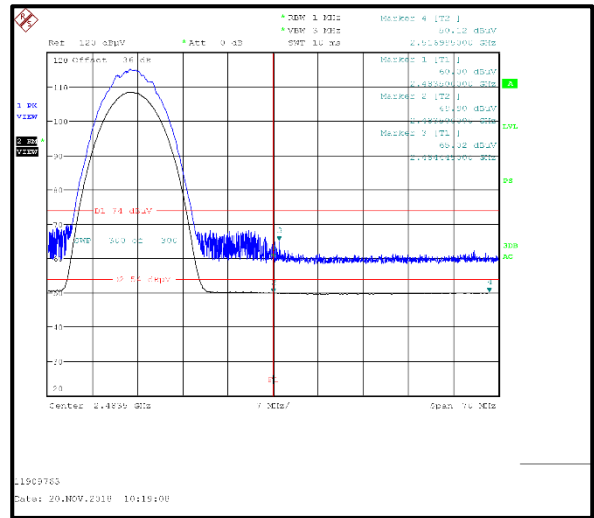
Result: Pass

Transmitter Band Edge Radiated Emissions (continued)

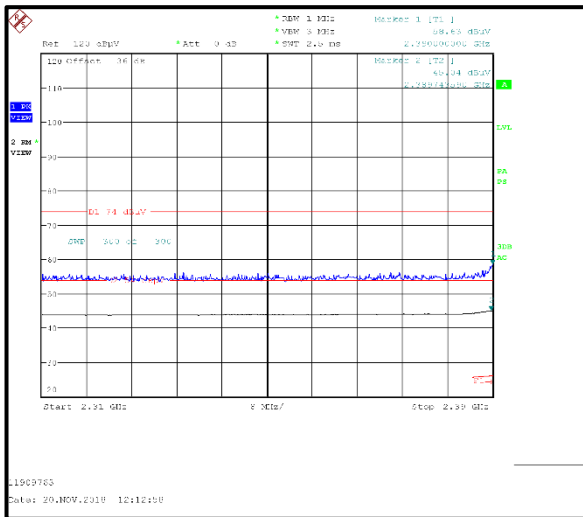
Plots: 802.11b / 20 MHz / 5.5 Mbps / MIMO / Port 1+2 / PWL 10



Lower Band Edge Peak Measurement



Upper Band Edge Peak/Average Measurement



2310 MHz to 2390 MHz Restricted Band Plot

Transmitter Band Edge Radiated Emissions (continued)**Results: Peak / 802.11g / 20 MHz / 6 Mbps / MIMO / Port 1+2 / PWL 10****Results: Lower Band Edge**

Frequency (MHz)	Level (dB μ V/m)	-30 dBc Limit (dB μ V/m)	Margin (dB)	Result
2396.89	58.11	78.55	20.44	Complied

Results: Lower Band Edge / Restricted Band Peak

Frequency (MHz)	Level (dB μ V/m)	Peak Limit (dB μ V/m)	Margin (dB)	Result
2389.87	59.54	74.0	14.46	Complied

Results: Lower Band Edge / Restricted Band Average

Frequency (MHz)	Level (dB μ V/m)	Duty cycle correction (dB)	Corrected Level (dB μ V/m)	Average Limit (dB μ V/m)	Margin (dB)	Result
2389.87	46.67	0.20	46.87	54.0	7.13	Complied

Results: Upper Band Edge Peak

Frequency (MHz)	Level (dB μ V/m)	Peak Limit (dB μ V/m)	Margin (dB)	Result
2483.50	66.76	74.0	7.24	Complied

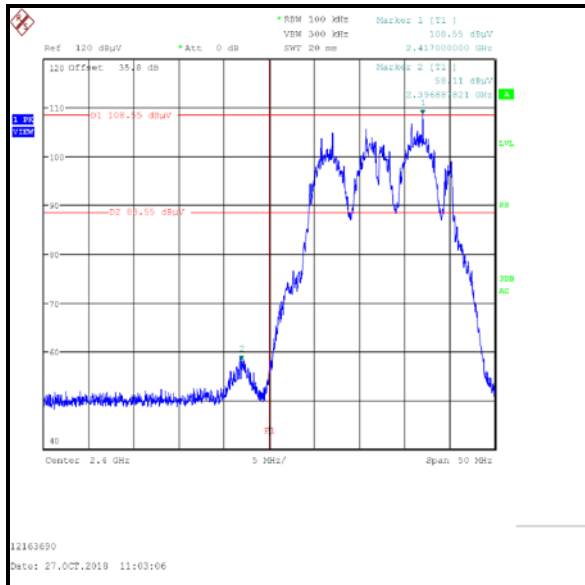
Results: Upper Band Edge Average

Frequency (MHz)	Level (dB μ V/m)	Duty cycle correction (dB)	Corrected Level (dB μ V/m)	Average Limit (dB μ V/m)	Margin (dB)	Result
2483.50	50.34	0.20	50.54	54.0	3.46	Complied
2484.86	50.59	0.20	50.79	54.0	3.21	Complied

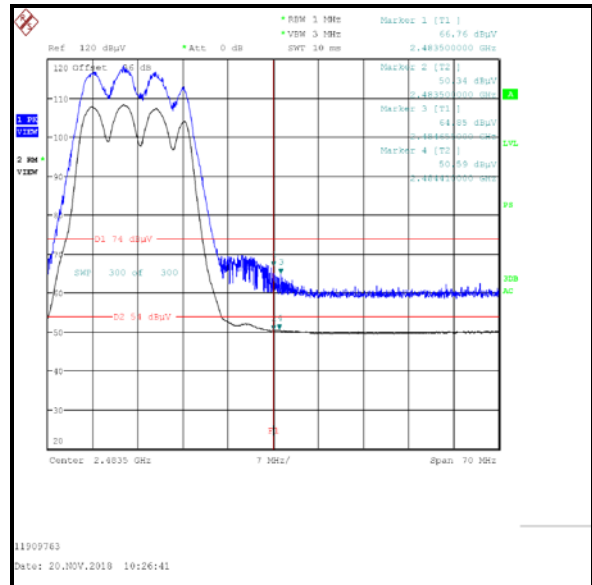
Result: Pass

Transmitter Band Edge Radiated Emissions (continued)

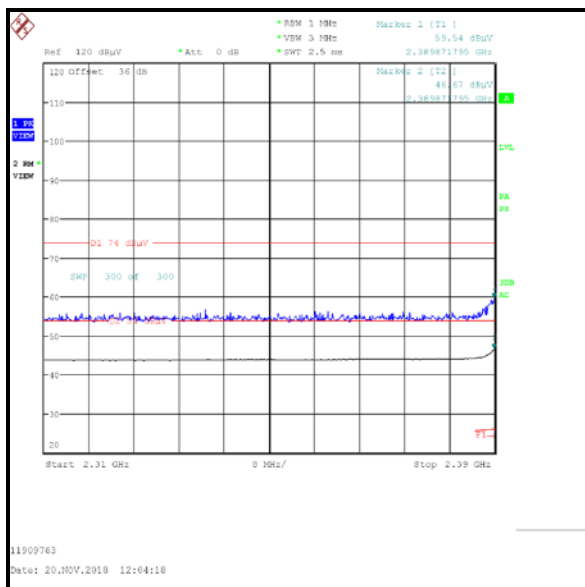
Plots: 802.11g / 20 MHz / 6 Mbps / MIMO / Port 1+2 / PWL 10



Lower Band Edge Peak Measurement



Upper Band Edge Peak/Average Measurement



2310 MHz to 2390 MHz Restricted Band Plot

Transmitter Band Edge Radiated Emissions (continued)**Results: Peak / 802.11n / HT20/ MCS0 / MIMO / Port 1+2 / PWL 10****Results: Lower Band Edge**

Frequency (MHz)	Level (dB μ V/m)	-30 dBc Limit (dB μ V/m)	Margin (dB)	Result
2396.68	57.00	77.25	20.25	Complied
2417.02	55.39	77.25	21.86	Complied

Results: Lower Band Edge / Restricted Band Peak

Frequency (MHz)	Level (dB μ V/m)	Peak Limit (dB μ V/m)	Margin (dB)	Result
2389.35	61.14	74.0	12.86	Complied

Results: Lower Band Edge / Restricted Band Average

Frequency (MHz)	Level (dB μ V/m)	Duty cycle correction (dB)	Corrected Level (dB μ V/m)	Average Limit (dB μ V/m)	Margin (dB)	Result
2390.00	46.63	0.40	47.03	54.0	6.97	Complied

Results: Upper Band Edge Peak

Frequency (MHz)	Level (dB μ V/m)	Peak Limit (dB μ V/m)	Margin (dB)	Result
2483.50	63.70	74.0	10.30	Complied
2484.78	65.54	74.0	8.46	Complied

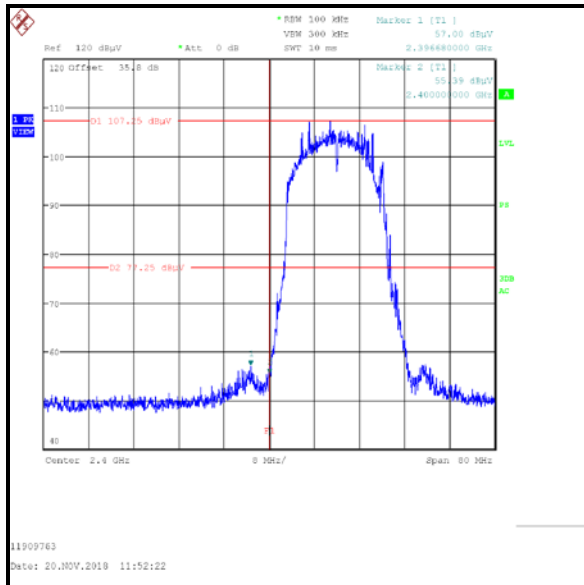
Results: Upper Band Edge Average

Frequency (MHz)	Level (dB μ V/m)	Duty cycle correction (dB)	Corrected Level (dB μ V/m)	Average Limit (dB μ V/m)	Margin (dB)	Result
2483.50	50.13	0.40	50.53	54.0	3.47	Complied
2518.82	50.30	0.40	50.70	54.0	3.30	Complied

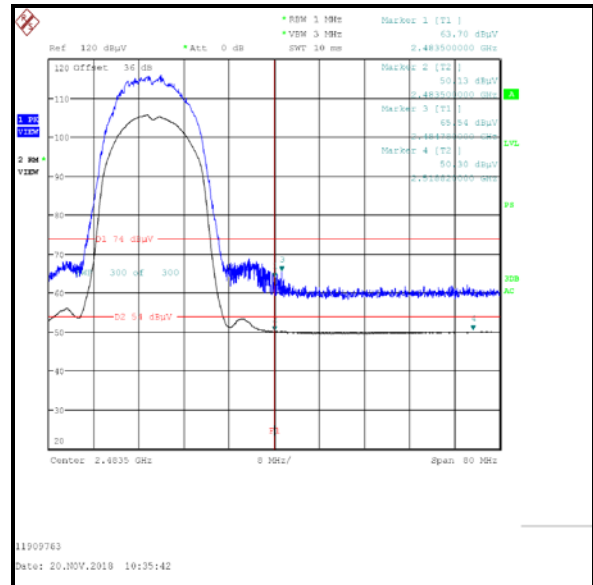
Result: Pass

Transmitter Band Edge Radiated Emissions (continued)

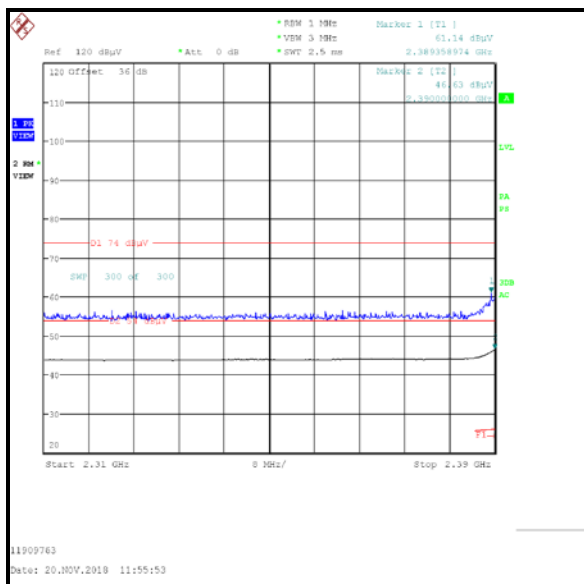
Plots: 802.11n / HT20/ MCS0 / MIMO / Port 1+2 / PWL 10



Lower Band Edge Peak Measurement



Upper Band Edge Peak/Average Measurement



2310 MHz to 2390 MHz Restricted Band Plot

Transmitter Band Edge Radiated Emissions (continued)

Results: Peak / 802.11n / HT40/ MCS0 / MIMO / Port 1+2 / PWL 10

Results: Lower Band Edge

Frequency (MHz)	Level (dBµV/m)	-30 dBc Limit (dBµV/m)	Margin (dB)	Result
2398.80	63.21	78.48	15.27	Complied
2400.00	57.77	78.48	20.71	Complied

Results: Lower Band Edge / Restricted Band Peak

Frequency (MHz)	Level (dBµV/m)	Peak Limit (dBµV/m)	Margin (dB)	Result
2390.00	62.87	74.0	11.13	Complied

Results: Lower Band Edge / Restricted Band Average

Frequency (MHz)	Level (dBµV/m)	Duty cycle correction (dB)	Corrected Level (dBµV/m)	Average Limit (dBµV/m)	Margin (dB)	Result
2387.18	46.58	0.60	47.18	54.0	6.82	Complied

Results: Upper Band Edge Peak

Frequency (MHz)	Level (dBµV/m)	Peak Limit (dBµV/m)	Margin (dB)	Result
2483.50	62.73	74.0	11.27	Complied

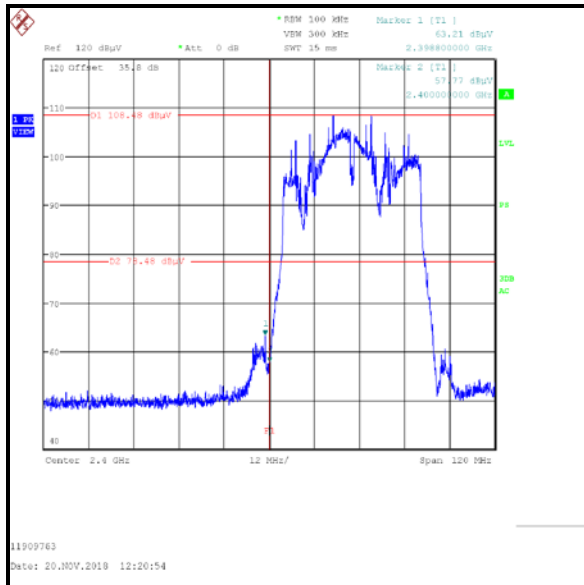
Results: Upper Band Edge Average

Frequency (MHz)	Level (dBµV/m)	Duty cycle correction (dB)	Corrected Level (dBµV/m)	Average Limit (dBµV/m)	Margin (dB)	Result
2483.50	51.13	0.60	51.73	54.0	2.27	Complied

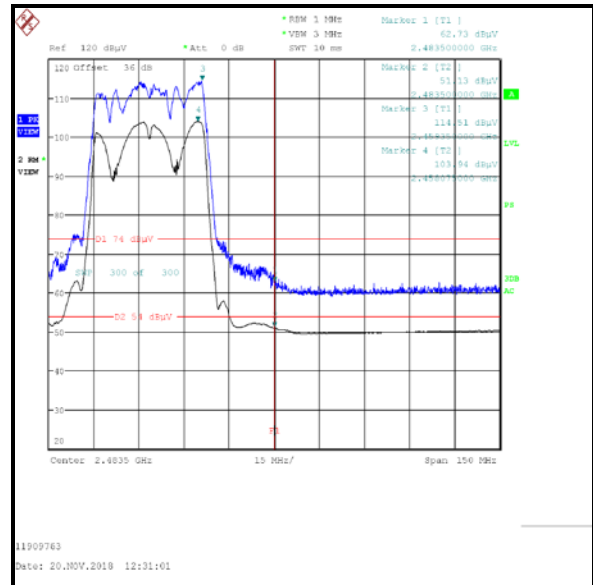
Result: Pass

Transmitter Band Edge Radiated Emissions (continued)

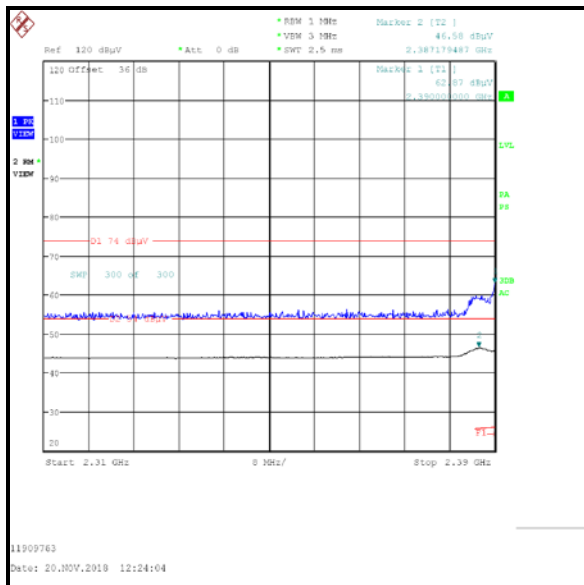
Plots: 802.11n / HT40/ MCS0 / MIMO / Port 1+2 / PWL 10



Lower Band Edge Peak Measurement



Upper Band Edge Peak/Average Measurement



2310 MHz to 2390 MHz Restricted Band Plot

Transmitter Band Edge Radiated Emissions (continued)**Results: Peak / 802.11b / 20 MHz / MIMO / Port 1+2+3 / PWL 8****Results: Lower Band Edge**

Frequency (MHz)	Level (dB μ V/m)	-30 dBc Limit (dB μ V/m)	Margin (dB)	Result
2396.20	52.94	75.18	22.24	Complied
2400.00	50.72	75.18	24.46	Complied

Results: Lower Band Edge / Restricted Band Peak

Frequency (MHz)	Level (dB μ V/m)	Peak Limit (dB μ V/m)	Margin (dB)	Result
2388.59	57.16	74.0	16.84	Complied

Results: Lower Band Edge / Restricted Band Average

Frequency (MHz)	Level (dB μ V/m)	Average Limit (dB μ V/m)	Margin (dB)	Result
2389.36	45.00	54.0	9.00	Complied

Results: Upper Band Edge Peak

Frequency (MHz)	Level (dB μ V/m)	Peak Limit (dB μ V/m)	Margin (dB)	Result
2483.50	67.66	74.0	6.34	Complied

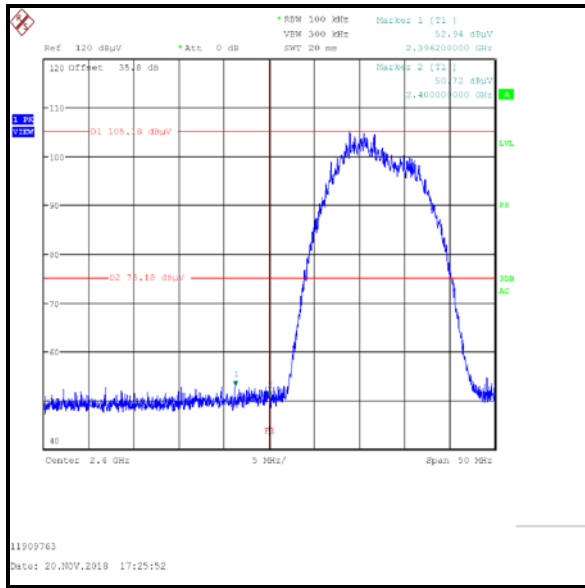
Results: Upper Band Edge Peak / Average

Frequency (MHz)	Level (dB μ V/m)	Average Limit (dB μ V/m)	Margin (dB)	Result
2483.50	50.72	54.0	3.28	Complied

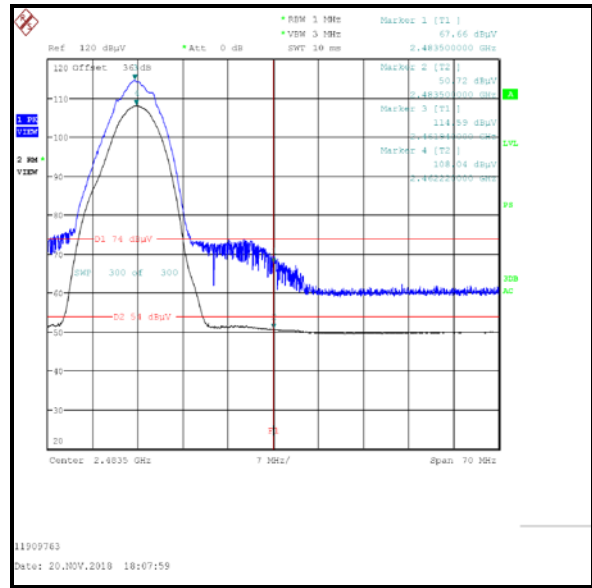
Result: Pass

Transmitter Band Edge Radiated Emissions (continued)

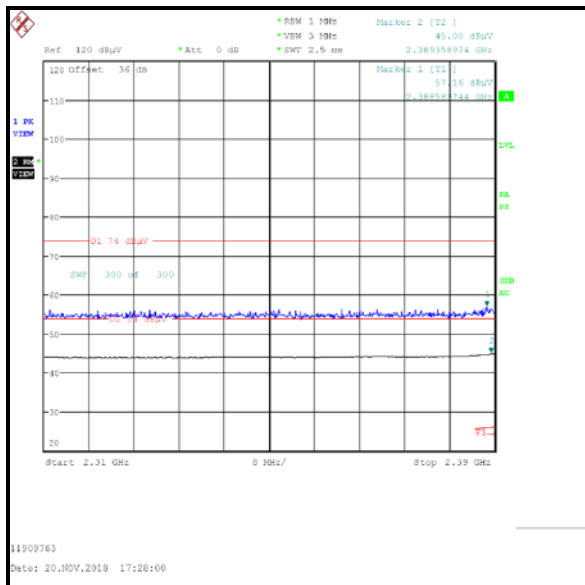
Plots: 802.11b / 20 MHz / MIMO / Port 1+2+3 / PWL 8



Lower Band Edge Peak Measurement



Upper Band Edge Peak/Average Measurement



2310 MHz to 2390 MHz Restricted Band Plot

Transmitter Band Edge Radiated Emissions (continued)

Results: Peak / 802.11g / 20 MHz / MIMO / Port 1+2+3 / PWL 8

Results: Lower Band Edge

Frequency (MHz)	Level (dBµV/m)	-30 dBc Limit (dBµV/m)	Margin (dB)	Result
2399.94	57.08	76.58	19.50	Complied
2400.00	55.74	76.58	20.84	Complied

Results: Lower Band Edge / Restricted Band Peak

Frequency (MHz)	Level (dBµV/m)	Peak Limit (dBµV/m)	Margin (dB)	Result
2363.84	57.18	74.0	16.82	Complied

Results: Lower Band Edge / Restricted Band Average

Frequency (MHz)	Level (dBµV/m)	Duty cycle correction (dB)	Corrected Level (dBµV/m)	Average Limit (dBµV/m)	Margin (dB)	Result
2389.87	45.18	0.20	45.38	54.0	8.62	Complied

Results: Upper Band Edge Peak

Frequency (MHz)	Level (dBµV/m)	Peak Limit (dBµV/m)	Margin (dB)	Result
2483.50	69.76	74.0	4.24	Complied

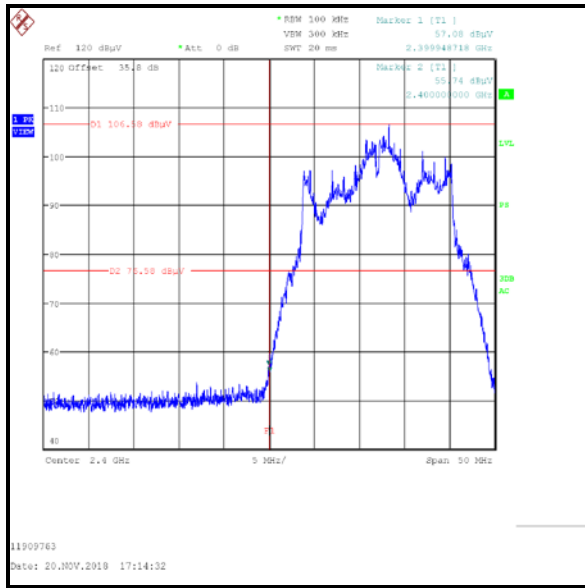
Results: Upper Band Edge Average

Frequency (MHz)	Level (dBµV/m)	Duty cycle correction (dB)	Corrected Level (dBµV/m)	Average Limit (dBµV/m)	Margin (dB)	Result
2483.50	50.76	0.20	50.96	54.0	3.04	Complied

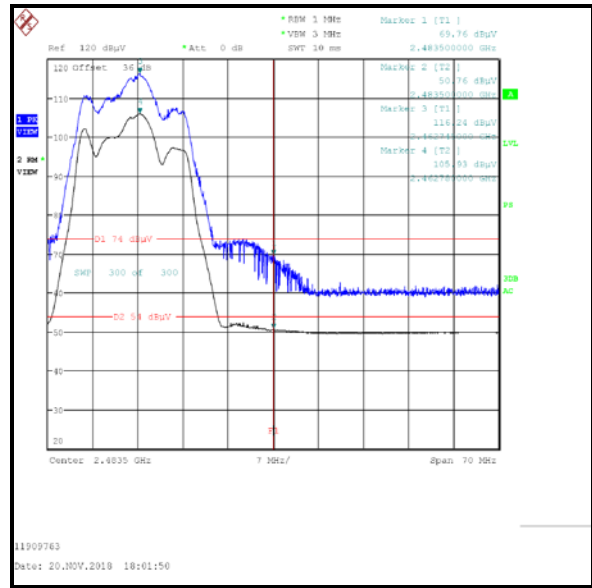
Result: Pass

Transmitter Band Edge Radiated Emissions (continued)

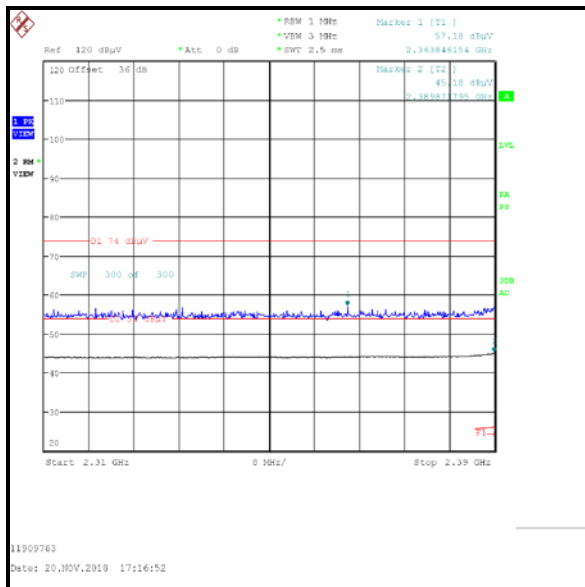
Plots: 802.11g / 20 MHz / MIMO / Port 1+2+3 / PWL 8



Lower Band Edge Peak Measurement



Upper Band Edge Peak/Average Measurement



2310 MHz to 2390 MHz Restricted Band Plot

Transmitter Band Edge Radiated Emissions (continued)**Results: Peak / 802.11n / HT20 / MCS0 / MIMO / Port 1+2+3 / PWL 8****Results: Lower Band Edge**

Frequency (MHz)	Level (dB μ V/m)	-30 dBc Limit (dB μ V/m)	Margin (dB)	Result
2400.00	54.35	76.20	21.85	Complied

Results: Lower Band Edge / Restricted Band Peak

Frequency (MHz)	Level (dB μ V/m)	Peak Limit (dB μ V/m)	Margin (dB)	Result
2389.10	58.28	74.0	15.72	Complied

Results: Lower Band Edge / Restricted Band Average

Frequency (MHz)	Level (dB μ V/m)	Duty cycle correction (dB)	Corrected Level (dB μ V/m)	Average Limit (dB μ V/m)	Margin (dB)	Result
2390.00	45.34	0.40	46.74	54.0	7.26	Complied

Results: Upper Band Edge Peak

Frequency (MHz)	Level (dB μ V/m)	Peak Limit (dB μ V/m)	Margin (dB)	Result
2483.50	67.68	74.0	6.32	Complied

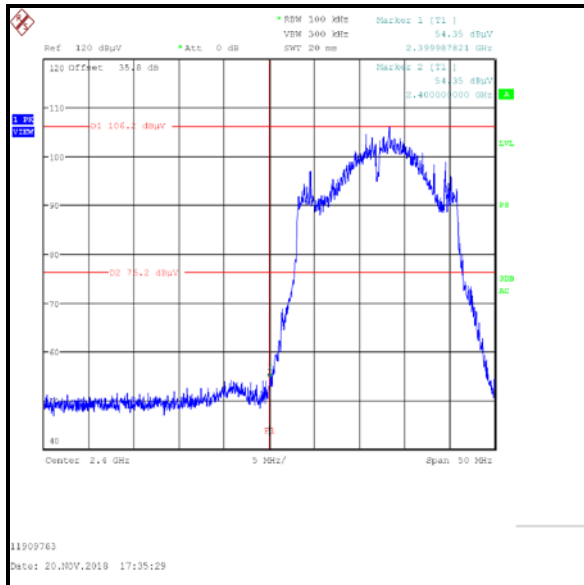
Results: Upper Band Edge Average

Frequency (MHz)	Level (dB μ V/m)	Duty cycle correction (dB)	Corrected Level (dB μ V/m)	Average Limit (dB μ V/m)	Margin (dB)	Result
2483.50	50.68	0.40	51.08	54.0	2.92	Complied

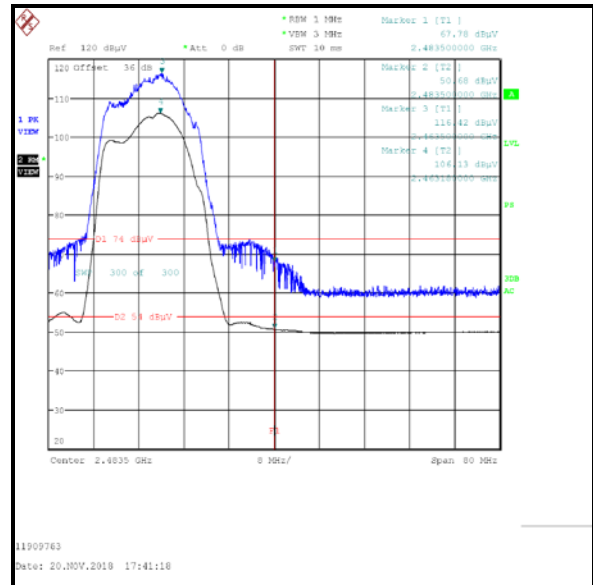
Result: Pass

Transmitter Band Edge Radiated Emissions (continued)

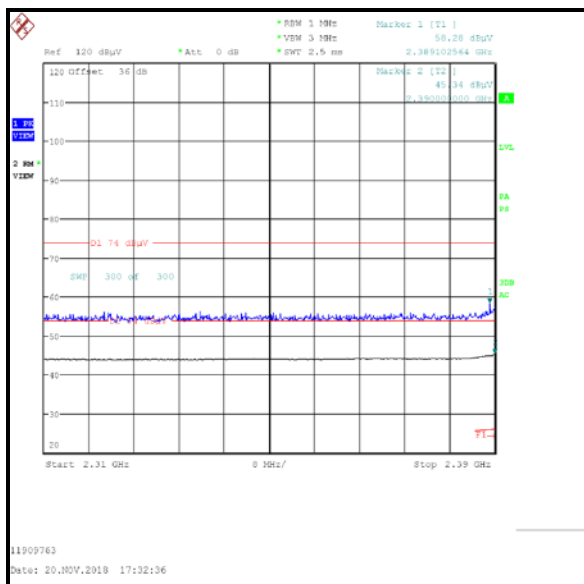
Plots: 802.11n / HT20 / MCS0 / MIMO / Port 1+2+3 / PWL 8



Lower Band Edge Peak Measurement



Upper Band Edge Peak/Average Measurement



2310 MHz to 2390 MHz Restricted Band Plot

Transmitter Band Edge Radiated Emissions (continued)**Results: Peak / 802.11n / HT40 / MCS0 / MIMO / Port 1+2+3 / PWL 8****Results: Lower Band Edge**

Frequency (MHz)	Level (dB μ V/m)	-30 dBc Limit (dB μ V/m)	Margin (dB)	Result
2398.14	54.93	73.50	18.57	Complied
2400.00	54.49	73.50	19.01	Complied

Results: Lower Band Edge / Restricted Band Peak

Frequency (MHz)	Level (dB μ V/m)	Peak Limit (dB μ V/m)	Margin (dB)	Result
2389.23	60.02	74.0	13.98	Complied

Results: Lower Band Edge / Restricted Band Average

Frequency (MHz)	Level (dB μ V/m)	Duty cycle correction (dB)	Corrected Level (dB μ V/m)	Average Limit (dB μ V/m)	Margin (dB)	Result
2390.00	45.20	0.60	45.80	54.0	8.20	Complied

Results: Upper Band Edge Peak

Frequency (MHz)	Level (dB μ V/m)	Peak Limit (dB μ V/m)	Margin (dB)	Result
2483.50	62.65	74.0	11.35	Complied

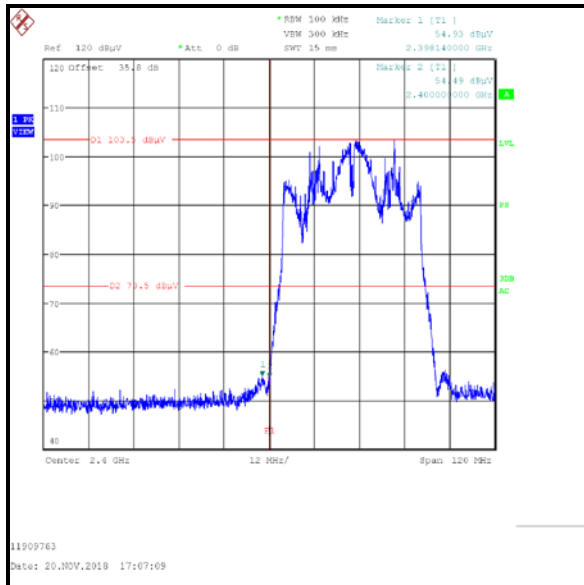
Results: Upper Band Edge Average

Frequency (MHz)	Level (dB μ V/m)	Duty cycle correction (dB)	Corrected Level (dB μ V/m)	Average Limit (dB μ V/m)	Margin (dB)	Result
2483.50	47.24	0.60	47.84	54.0	6.16	Complied

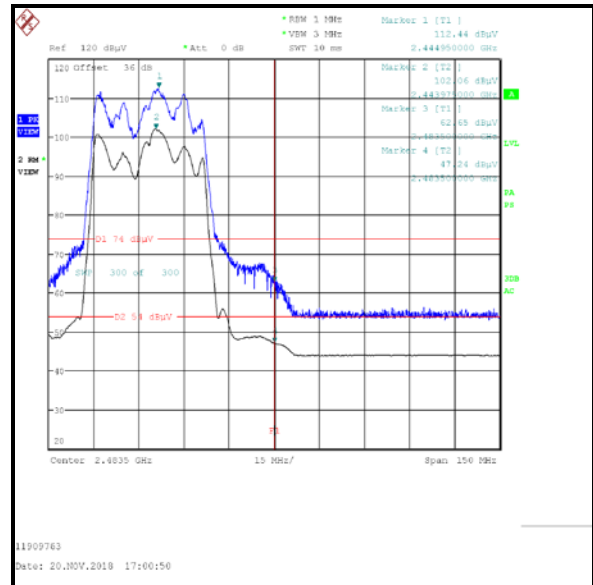
Result: Pass

Transmitter Band Edge Radiated Emissions (continued)

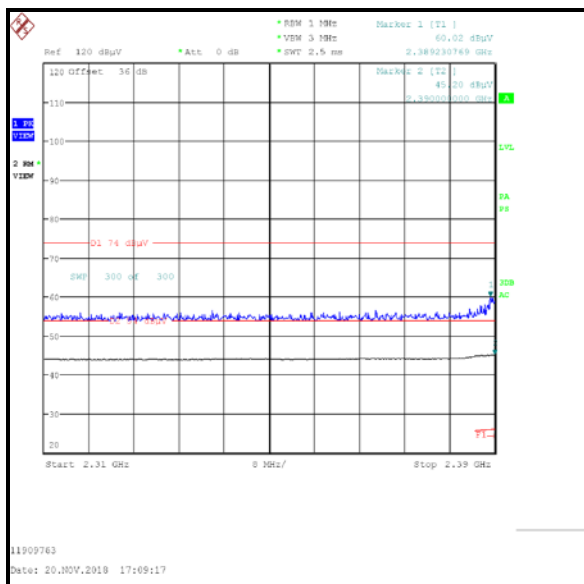
Plots: 802.11n / HT40 / MCS0 / MIMO / Port 1+2+3 / PWL 8



Lower Band Edge Peak Measurement



Upper Band Edge Peak/Average Measurement



2310 MHz to 2390 MHz Restricted Band Plot

Transmitter Band Edge Radiated Emissions (continued)**Results: Peak / 802.11b / 20 MHz / MIMO / Port 1+2+3+4 / PWL 7****Results: Lower Band Edge**

Frequency (MHz)	Level (dB μ V/m)	-30 dBc Limit (dB μ V/m)	Margin (dB)	Result
2399.57	56.34	76.32	19.98	Complied
2400.00	55.73	76.32	20.59	Complied

Results: Lower Band Edge / Restricted Band Peak

Frequency (MHz)	Level (dB μ V/m)	Peak Limit (dB μ V/m)	Margin (dB)	Result
2389.74	60.22	74.0	13.78	Complied

Results: Lower Band Edge / Restricted Band Average

Frequency (MHz)	Level (dB μ V/m)	Average Limit (dB μ V/m)	Margin (dB)	Result
2389.87	45.03	54.0	8.97	Complied

Results: Upper Band Edge Peak

Frequency (MHz)	Level (dB μ V/m)	Peak Limit (dB μ V/m)	Margin (dB)	Result
2483.50	63.74	74.0	10.26	Complied

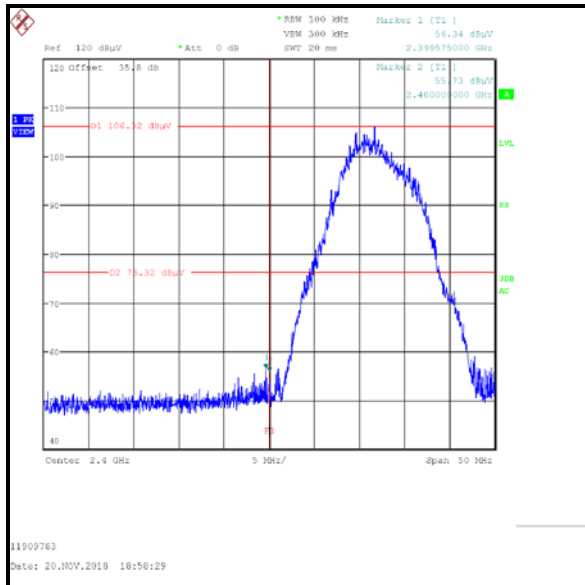
Results: Upper Band Edge Average

Frequency (MHz)	Level (dB μ V/m)	Average Limit (dB μ V/m)	Margin (dB)	Result
2483.50	51.03	54.0	2.97	Complied

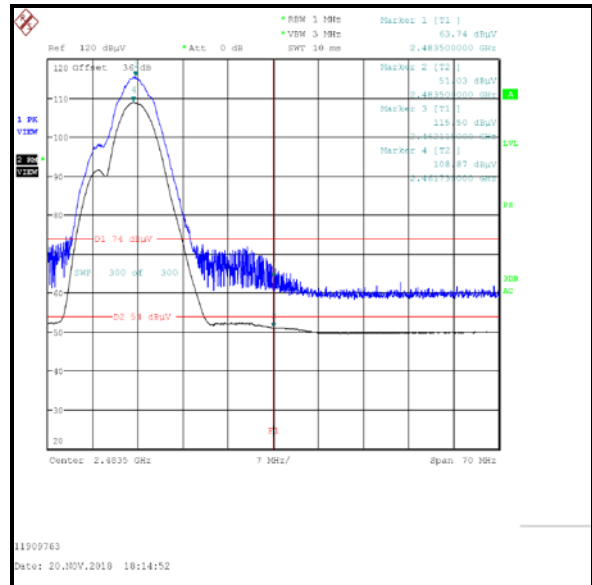
Result: Pass

Transmitter Band Edge Radiated Emissions (continued)

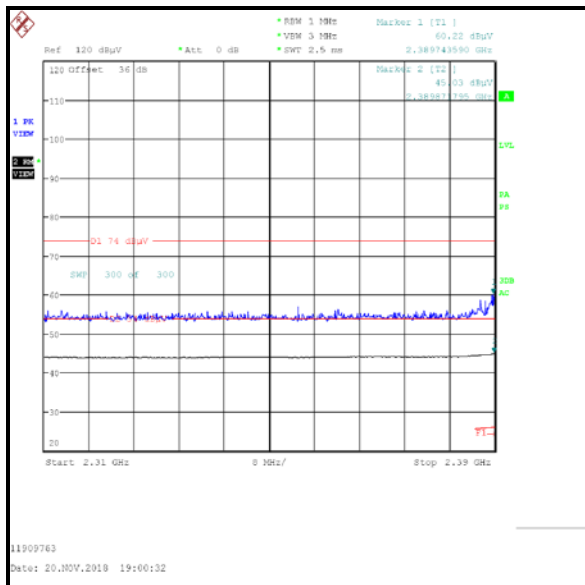
Plots: 802.11b / 20 MHz / MIMO / Port 1+2+3+4 / PWL 7



Lower Band Edge Peak Measurement



Upper Band Edge Peak/Average Measurement



2310 MHz to 2390 MHz Restricted Band Plot

Transmitter Band Edge Radiated Emissions (continued)**Results: Peak / 802.11g / 20 MHz / MIMO / Port 1+2+3+4 / PWL 7****Results: Lower Band Edge**

Frequency (MHz)	Level (dB μ V/m)	-30 dBc Limit (dB μ V/m)	Margin (dB)	Result
2400.00	56.12	75.66	19.54	Complied

Results: Lower Band Edge / Restricted Band Peak

Frequency (MHz)	Level (dB μ V/m)	Peak Limit (dB μ V/m)	Margin (dB)	Result
2350.64	56.97	74.0	17.03	Complied

Results: Lower Band Edge / Restricted Band Average

Frequency (MHz)	Level (dB μ V/m)	Duty cycle correction (dB)	Corrected Level (dB μ V/m)	Average Limit (dB μ V/m)	Margin (dB)	Result
2390.00	45.18	0.20	45.38	54.0	8.62	Complied

Results: Upper Band Edge Peak

Frequency (MHz)	Level (dB μ V/m)	Peak Limit (dB μ V/m)	Margin (dB)	Result
2483.50	61.26	74.0	12.74	Complied

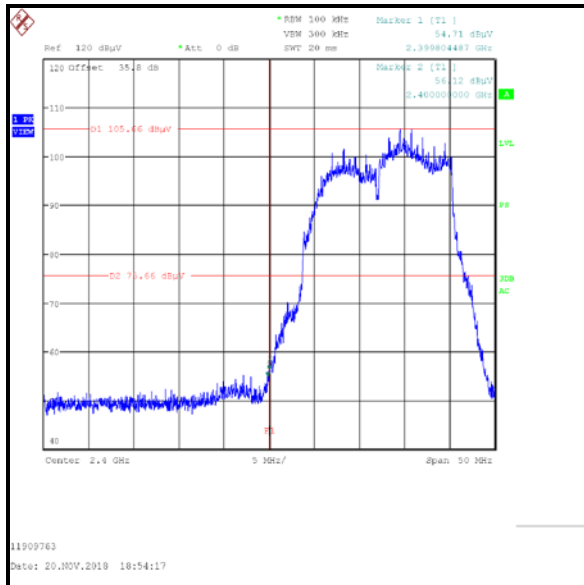
Results: Upper Band Edge Average

Frequency (MHz)	Level (dB μ V/m)	Duty cycle correction (dB)	Corrected Level (dB μ V/m)	Average Limit (dB μ V/m)	Margin (dB)	Result
2483.50	51.12	0.20	51.32	54.0	2.68	Complied

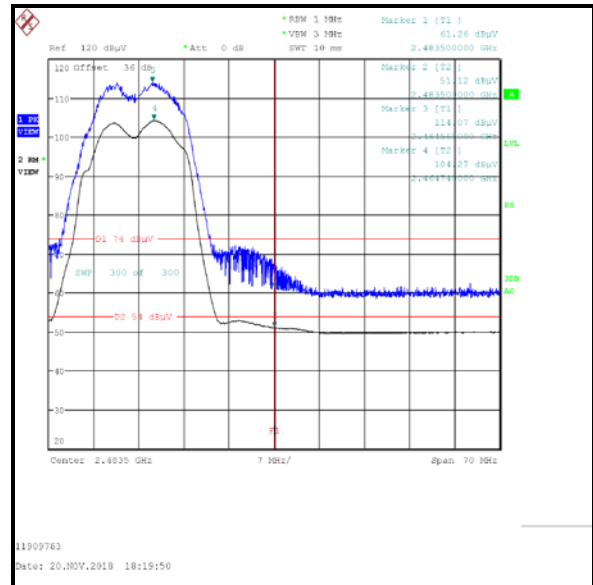
Result: Pass

Transmitter Band Edge Radiated Emissions (continued)

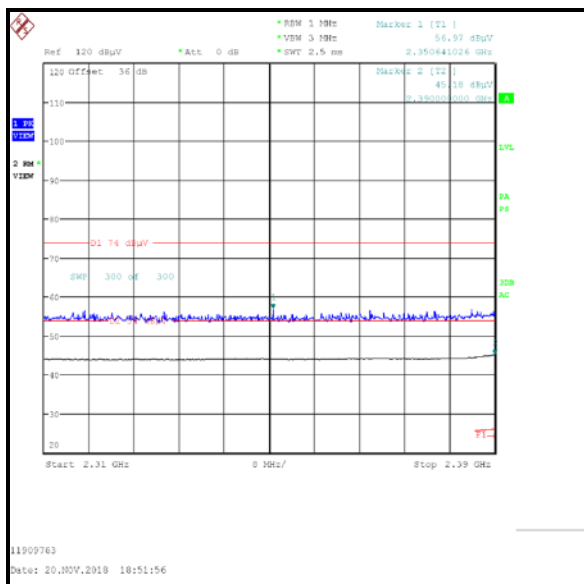
Plots: 802.11g / 20 MHz / MIMO / Port 1+2+3+4 / PWL 7



Lower Band Edge Peak Measurement



Upper Band Edge Peak/Average Measurement



2310 MHz to 2390 MHz Restricted Band Plot

Transmitter Band Edge Radiated Emissions (continued)**Results: Peak / 802.11n / HT20 / MCS0 / MIMO / Port 1+2+3+4 / PWL 7****Results: Lower Band Edge**

Frequency (MHz)	Level (dB μ V/m)	-30 dBc Limit (dB μ V/m)	Margin (dB)	Result
2399.80	54.71	75.66	21.05	Complied

Results: Lower Band Edge / Restricted Band Peak

Frequency (MHz)	Level (dB μ V/m)	Peak Limit (dB μ V/m)	Margin (dB)	Result
2388.59	57.52	74.0	16.48	Complied

Results: Lower Band Edge / Restricted Band Average

Frequency (MHz)	Level (dB μ V/m)	Duty cycle correction (dB)	Corrected Level (dB μ V/m)	Average Limit (dB μ V/m)	Margin (dB)	Result
2389.87	45.25	0.40	45.65	54.0	8.35	Complied

Results: Upper Band Edge Peak

Frequency (MHz)	Level (dB μ V/m)	Peak Limit (dB μ V/m)	Margin (dB)	Result
2483.50	60.96	74.0	13.04	Complied

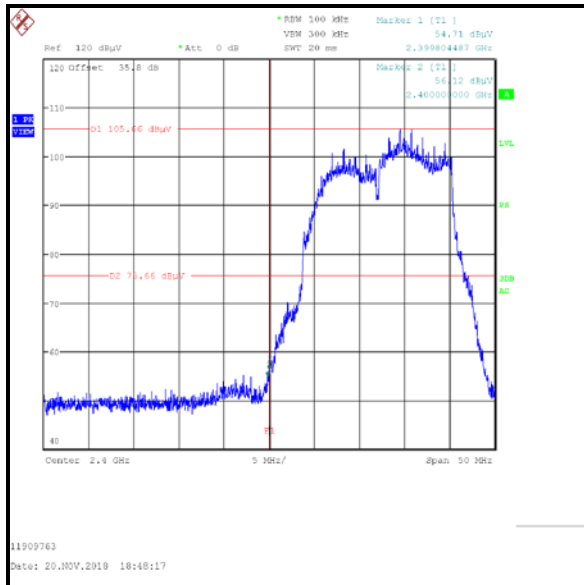
Results: Upper Band Edge Average

Frequency (MHz)	Level (dB μ V/m)	Duty cycle correction (dB)	Corrected Level (dB μ V/m)	Average Limit (dB μ V/m)	Margin (dB)	Result
2483.50	51.11	0.40	51.51	54.0	2.49	Complied

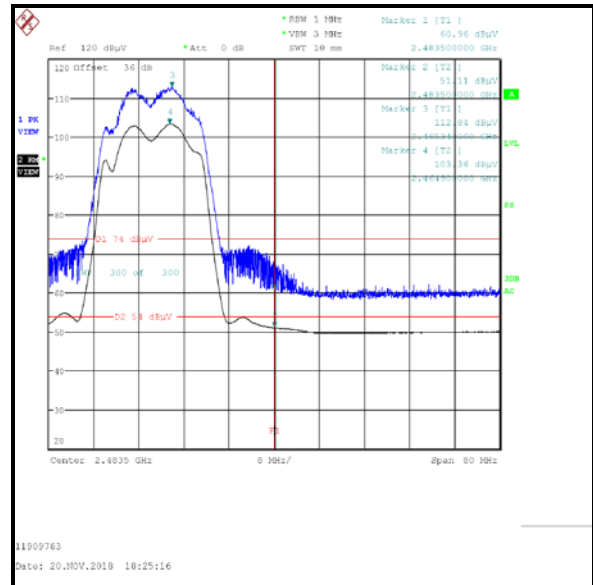
Result: Pass

Transmitter Band Edge Radiated Emissions (continued)

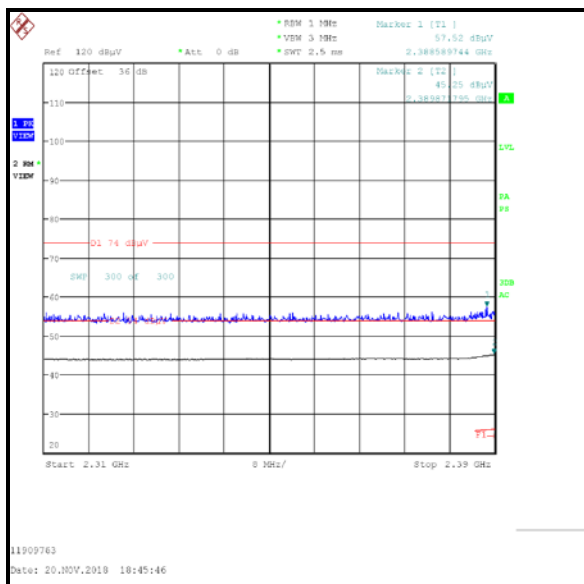
Plots: 802.11n / HT20 / MCS0 / MIMO / Port 1+2+3+4 / PWL 7



Lower Band Edge Peak Measurement



Upper Band Edge Peak/Average Measurement



2310 MHz to 2390 MHz Restricted Band Plot

Transmitter Band Edge Radiated Emissions (continued)**Results: Peak / 802.11n / HT40 / MCS0 / MIMO / Port 1+2+3+4 / PWL 7****Results: Lower Band Edge**

Frequency (MHz)	Level (dB μ V/m)	-30 dBc Limit (dB μ V/m)	Margin (dB)	Result
2396.94	56.08	72.95	16.87	Complied
2400.00	53.05	72.95	19.90	Complied

Results: Lower Band Edge / Restricted Band Peak

Frequency (MHz)	Level (dB μ V/m)	Peak Limit (dB μ V/m)	Margin (dB)	Result
2389.87	61.20	74.0	12.80	Complied

Results: Lower Band Edge / Restricted Band Average

Frequency (MHz)	Level (dB μ V/m)	Duty cycle correction (dB)	Corrected Level (dB μ V/m)	Average Limit (dB μ V/m)	Margin (dB)	Result
2390.00	45.65	0.60	46.25	54.0	7.75	Complied

Results: Upper Band Edge Peak

Frequency (MHz)	Level (dB μ V/m)	Peak Limit (dB μ V/m)	Margin (dB)	Result
2483.50	64.06	74.0	9.94	Complied

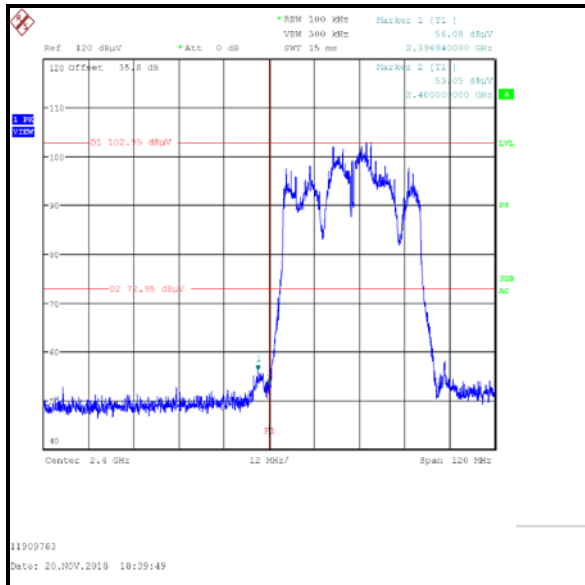
Results: Upper Band Edge Average

Frequency (MHz)	Level (dB μ V/m)	Duty cycle correction (dB)	Corrected Level (dB μ V/m)	Average Limit (dB μ V/m)	Margin (dB)	Result
2483.50	51.47	0.60	52.07	54.0	1.93	Complied

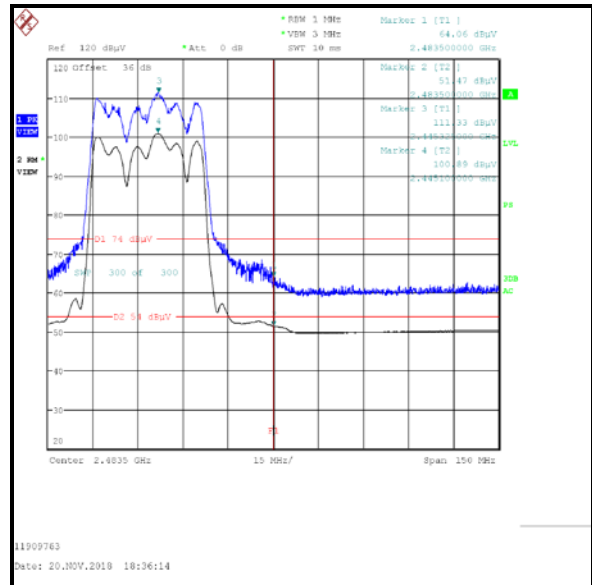
Result: Pass

Transmitter Band Edge Radiated Emissions (continued)

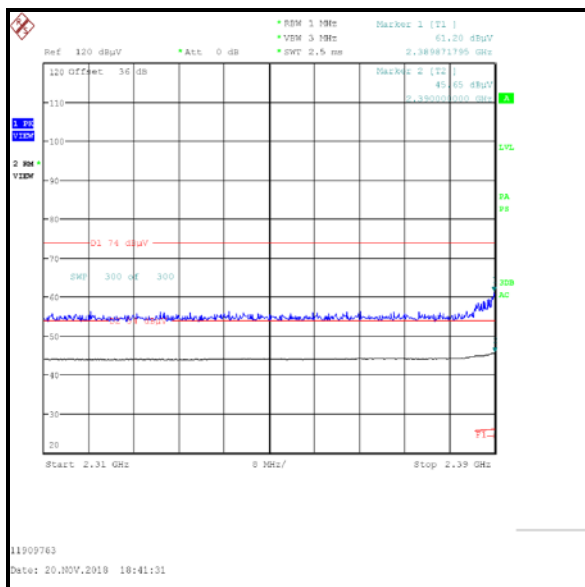
Plots: 802.11n / HT40 / MCS0 / MIMO / Port 1+2+3+4 / PWL 7



Lower Band Edge Peak Measurement



Upper Band Edge Peak/Average Measurement



2310 MHz to 2390 MHz Restricted Band Plot

6. Measurement Uncertainty

The expression of uncertainty of a measurement result allows realistic comparison of results with reference values and limits given in specifications and standards.

The uncertainty of the result may need to be taken into account when interpreting the measurement results.

The reported expanded uncertainties below are based on a standard uncertainty multiplied by an appropriate coverage factor such that a confidence level of approximately 95% is maintained. For the purposes of this document "approximately" is interpreted as meaning "effectively" or "for most practical purposes".

Measurement Type	Confidence Level (%)	Calculated Uncertainty
AC Conducted Spurious Emissions	95%	±2.49 dB
Conducted Maximum Output Power	95%	±0.59 dB
Conducted Spurious Emissions	95%	±0.59 dB
Radiated Spurious Emissions	95%	±3.10 dB
Band Edge Radiated Emissions	95%	±3.10 dB
Transmitter Duty Cycle	95%	±3.4%
Minimum 6 dB Bandwidth	95%	±0.87 %
99% Emission Bandwidth	95%	±0.87 %
Spectral Power Density	95%	±0.59 dB

The methods used to calculate the above uncertainties are in line with those recommended within the various measurement specifications. Where measurement specifications do not include guidelines for the evaluation of measurement uncertainty the published guidance of the appropriate accreditation body is followed.

7. Used equipment

Test site: SR 1/2

ID	Manufacturer	Type	Model	Serial	Cal Date	Cal. Cycle
1	Rohde & Schwarz	Antenna, Loop	HFH2-Z2	831247/012	2019-07-11	36
377	BONN Elektronik	Amplifier, Low Noise Pre	BLMA 0118-1A	025294B	2019-07-10	12
423	Bonn Elektronik	Amplifier, Low Noise Pre	BLMA 1840-1A	55929	2019-07-16	12
460	Deisl	Turntable	DT 4250 S		n/a	n/a
465	Schwarzbeck	Antenna, Trilog Broadband	VULB 9168	9168-240	2019-03-20	24
496	Rohde & Schwarz	Antenna, log. - periodical	HL050	100297	2019-02-19	36
587	Maturo	antenna mast, tilting	TAM 4.0-E	011/7180311	n/a	n/a
588	Maturo	Controller	NCD	029/7180311	n/a	n/a
591	Rohde & Schwarz	Receiver	ESU 40	100244/040	2019-07-09	12
607	Schwarzbeck	Antenna broadband horn antenna	BBHA 9170	9170-561	lab verification	n/a
608	Rohde & Schwarz	Switch Matrix	OSP 120	101227	lab verification	n/a
620	Bonn Elektronik	pre-amplifier	BLNA 0110-01N	1510111	2019-07-11	24
614	Wainwright Instruments	Highpass Filter 3GHz	WHKX10-	1	lab verification	n/a
628	Maturo	Antenna mast	CAM 4.0-P	224/19590716	n/a	n/a
629	Maturo	Kippenrichtung	KE 2.5-R-M	MAT002	n/a	n/a
-/-	Testo	Thermo-Hygrometer	608-H1	01	lab verification	n/a
1603665	Siemens Matsushita Components	shielded room		B83117-A1421-T161	n/a	n/a

Test site: SR 7/8

ID	Manufacturer	Type	Model	Serial	Cal Date	Cal. Cycle
22	Rohde & Schwarz	Artificial Mains	ESH3-Z5	831767/014	2019-07-09	12
23	Rohde & Schwarz	Artificial Mains	ESH3-Z5	831767/013	2019-07-09	12
28	Rohde & Schwarz	Passive Probe	ESH2-Z3	none	2019-07-11	12
215	Rohde & Schwarz	Artificial Mains Network	ESH2-Z5	879675/002	2019-07-05	12
349	Rohde & Schwarz	Receiver, EMI Test	ESIB7	836697/009	2019-07-10	12
351	Rohde & Schwarz	network, Artificial Mains	ESH3-Z5	862770/018	2019-07-08	12
370	Rohde & Schwarz	Current probe	EZ-17	833335/010	2019-07-11	24
564	Teseq	Impedance stabilisation network (ISN)	ISN T800	26076	2019-07-08	24
565	Teseq	Impedance stabilisation network (ISN)	ISN ST08	26575	2019-07-09	12
616	Rohde & Schwarz	ISN	ENY81-CA6	101656	2019-07-09	12
-/-	Testo	Thermo-Hygrometer	608-H1	08	lab verification	n/a
1603671	Siemens Matsushita Components	shielded room		B83117-A1421-T162	n/a	n/a

Test site: SR 9

ID	Manufacturer	Type	Model	Serial	Calibration Date	Cal. Cycle
614	Wainwright Instruments	Highpass Filter 3GHz	WHKX10-	1	lab verification	n/a
621	Ahlborn-Almemo	Temperatur-/ Feuchtemessgerät	MA2470-S2	H16080099	2019-05-03	12
637	Rohde & Schwarz	Spectrum Analyzer	FSV40	101587	2019-07-11	12
445	Huber & Suhner	RF Attenuator (10dB)	6810.17.AC	--	Cal Before Use	12
-/-	Testo	Thermo-Hygrometer	608-H1	07	lab verification	n/a
1603668	Siemens Matsushita Components	shielded room		B83117-B1422-T161	n/a	n/a

8. Report Revision History

Version Number	Revision Details		
	Page No(s)	Clause	Details
1.0	510	-	Initial Version