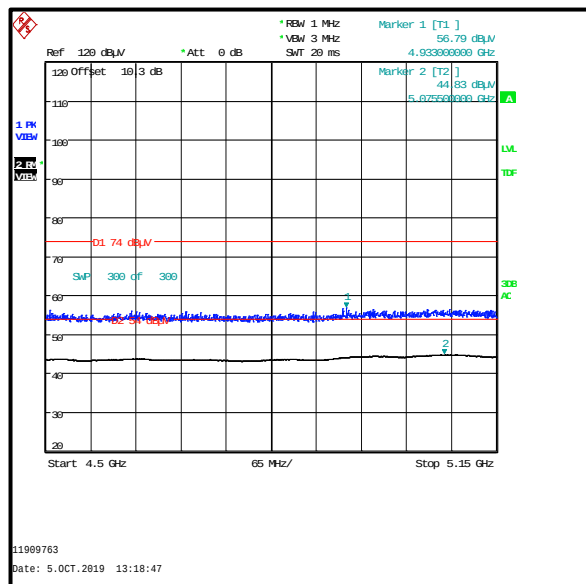
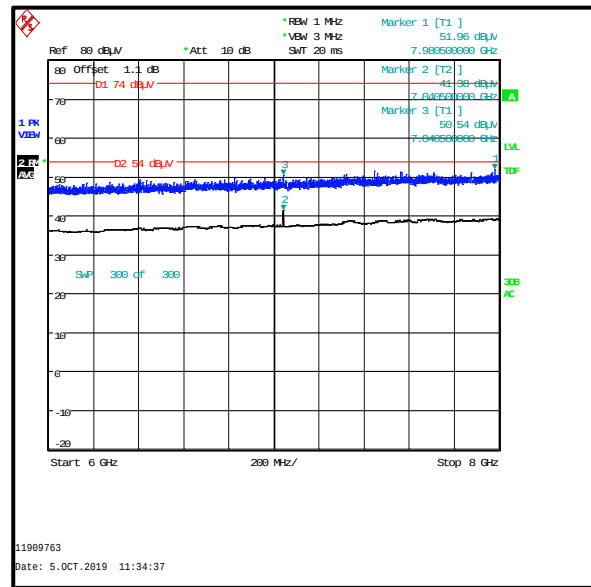
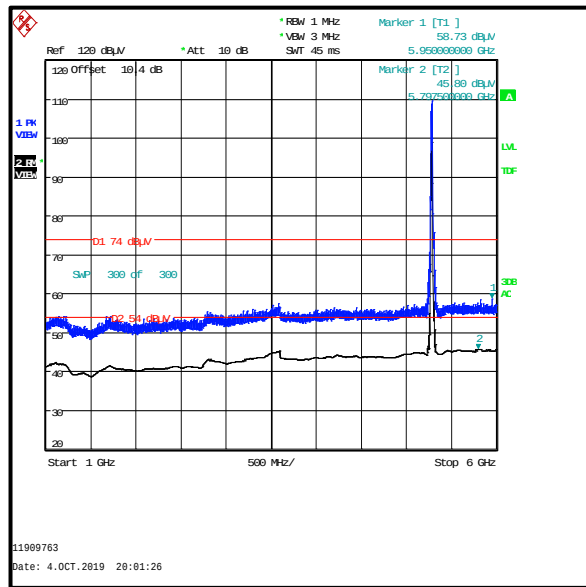
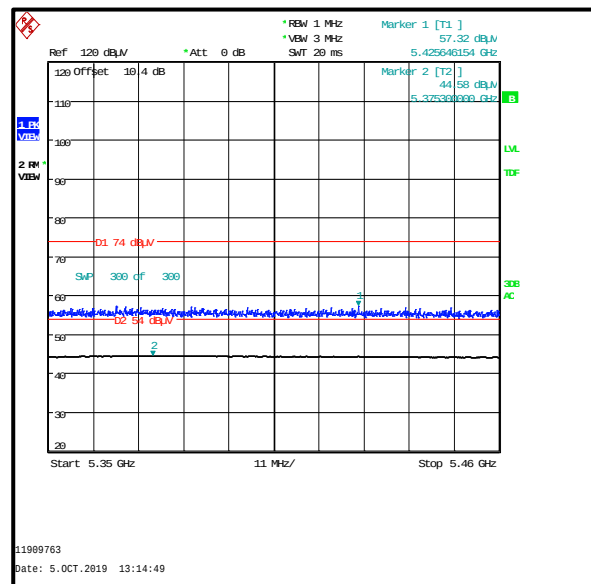
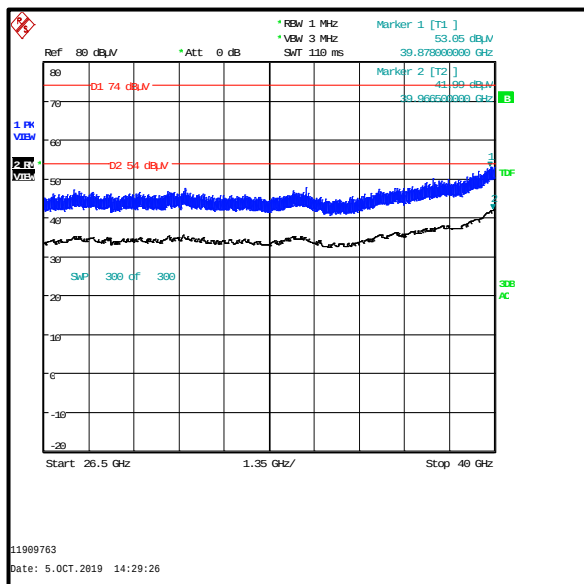
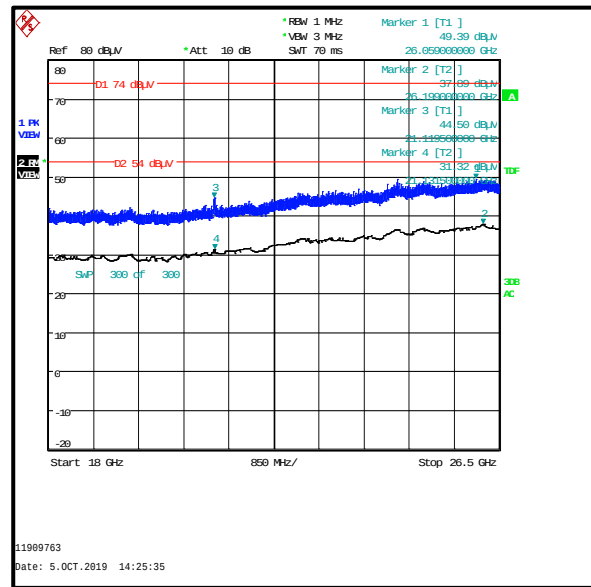
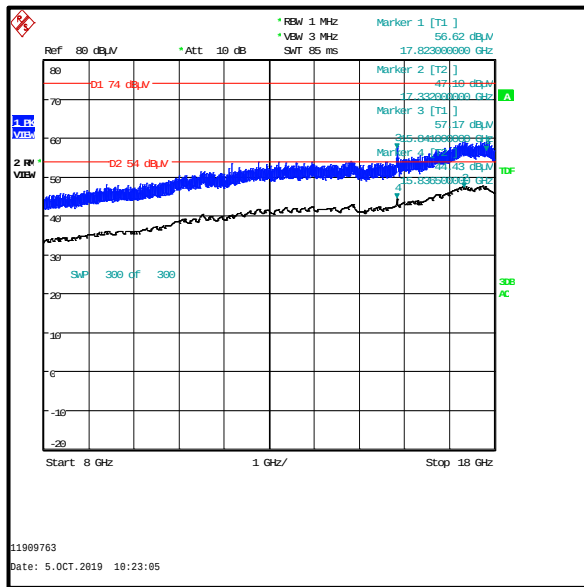


Transmitter Out of Band Radiated Emissions (5.25-5.35 GHz band operation) (continued)**Restricted Band 4.5 GHz to 5.15 GHz****Restricted Band 5.35 GHz to 5.46 GHz**

Note: These plots are pre-scans and for indication purposes only. For final measurements, see accompanying tables.

Transmitter Out of Band Radiated Emissions (5.25-5.35 GHz band operation) (continued)

Note: These plots are pre-scans and for indication purposes only. For final measurements, see accompanying tables.

5.2.2. 5.47-5.725 GHz band**Transmitter Out of Band Radiated Emissions (5.47-5.725 GHz band operation)****Test Summary:**

Test Engineer:	Mark Perry	Test Date:	05 October 2019
Test Sample Serial Number:	2428534		

FCC Reference:	Part 15.407(b)(2),(7) & 15.209(a)
Test Method Used:	KDB 789033 II.G. & ANSI C63.10 Sections 6.3, 6.6 & 12.7
Frequency Range:	1 GHz to 40 GHz

Environmental Conditions:

Temperature (°C):	23
Relative Humidity (%):	51

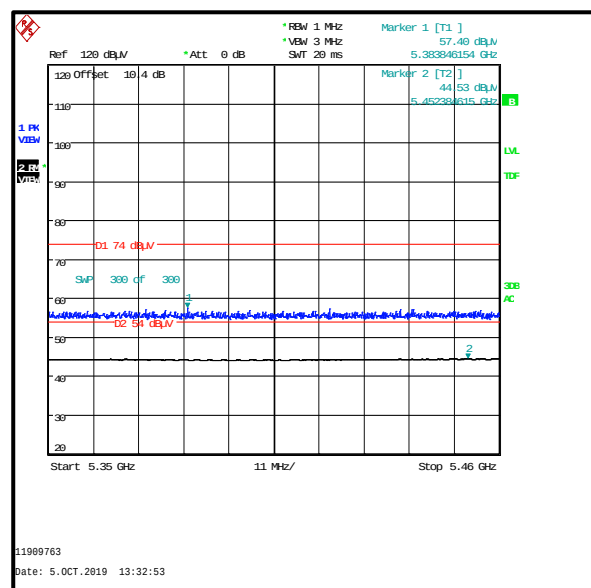
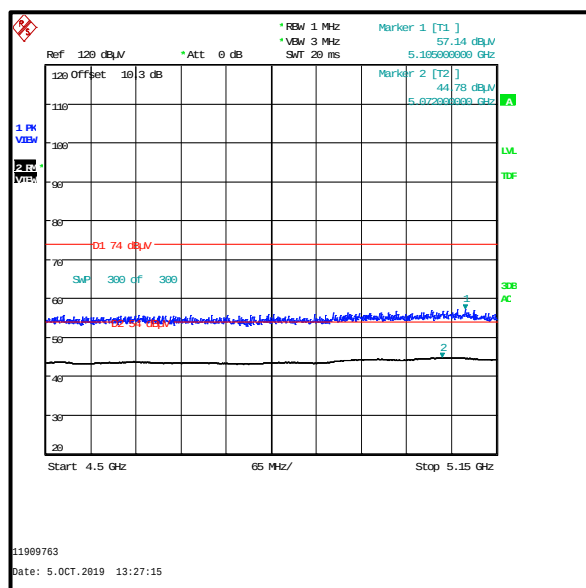
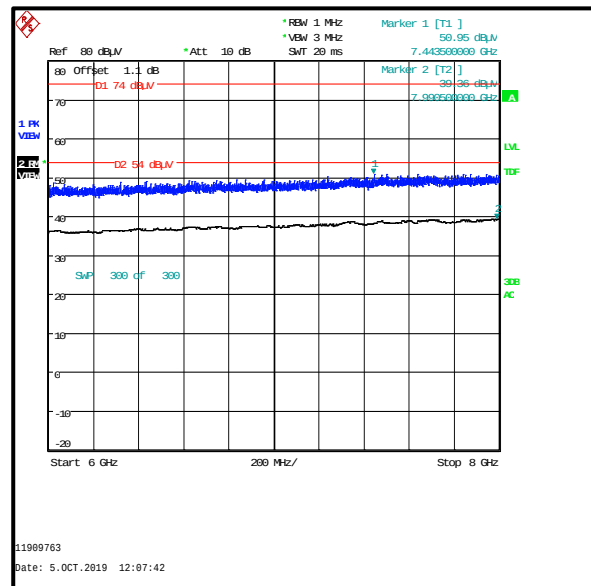
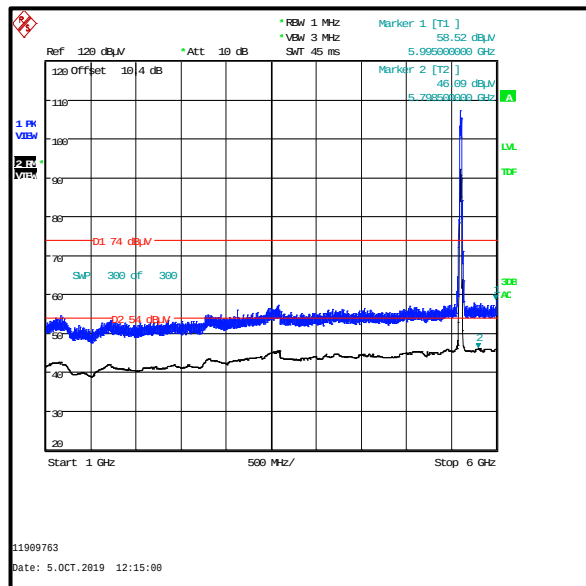
Note(s):

1. The final measured value, for the given emission in the field strength result tables, incorporates the calibrated antenna factor and cable loss.
2. Pre-scans were performed with the EUT transmitting with a data rate of 802.11n / 20 MHz / MIMO / 2Tx CDD / MCS0 on middle channel as it produced the highest EIRP power spectral density and was therefore deemed worst case.
3. The EUT was configured to transmit at the highest selectable power setting (26) to provide worst case results.
4. All emissions shown on the pre-scan plots were investigated and found to be ambient, or >20 dB below the applicable limit or below the measurement system noise floor. The highest noise floor reading has been recorded in the table below.
5. The emission shown on the 1 GHz to 6 GHz plot is the EUT fundamental.
6. Measurements were performed across the two restricted bands closest to the bands of operation with the EUT transmitting on the middle channel in the 5.25 to 5.35 GHz band. Plots are included in this section of the test report. Peak and average measurements were made.
7. Pre-scans above 1 GHz were performed in a fully anechoic chamber (Asset Number K0017) at a distance of 3 metres. The EUT was placed at a height of 1.5 metres above the test chamber floor in the centre of the chamber turntable. All measurement antennas were placed at a fixed height of 1.5 metres above the test chamber floor, in line with the EUT.

Results: Middle Channel / EIRP

Frequency (MHz)	Antenna Polarity	Level (dBμV/m)	Level (dBm)	Limit (dBm)	Margin (dB)	Result
17609.000	Horizontal	60.1	-35.1	-27.0	8.1	Complied

Transmitter Out of Band Radiated Emissions (5.47-5.725 GHz GHz band operation)
(continued)

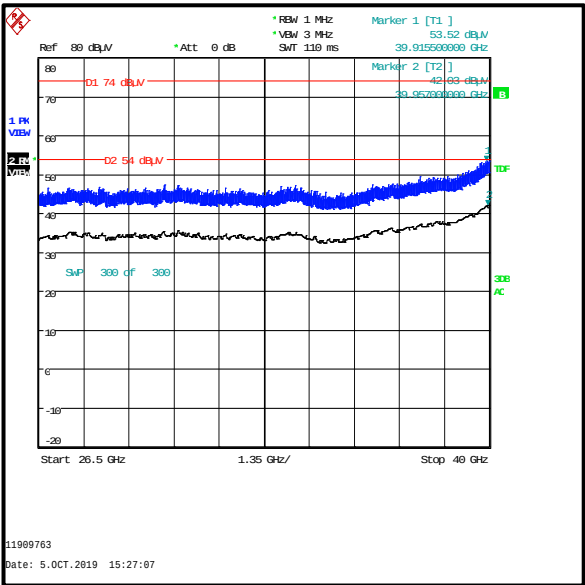
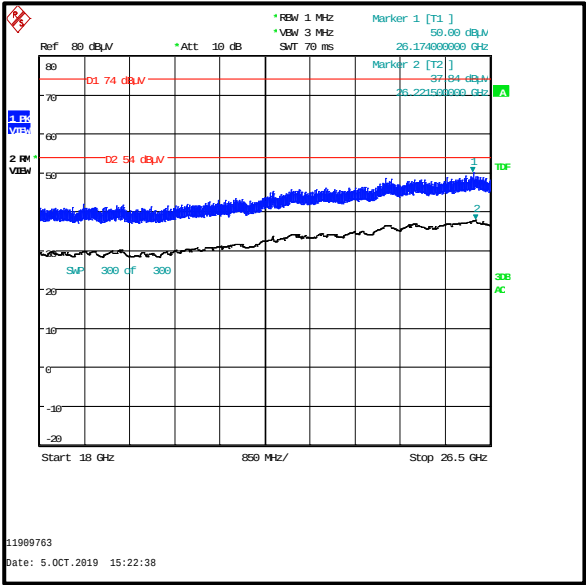
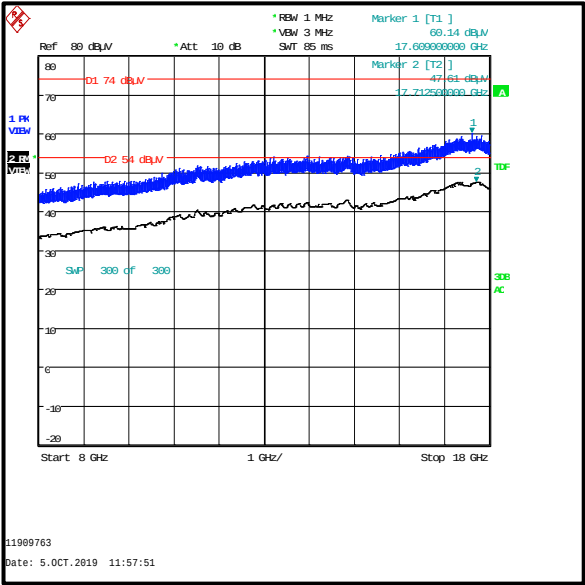


Restricted Band 4.5 GHz to 5.15 GHz

Restricted Band 5.35 GHz to 5.46 GHz

Note: These plots are pre-scans and for indication purposes only. For final measurements, see accompanying tables.

Transmitter Out of Band Radiated Emissions (5.47-5.725 GHz GHz band operation)
(continued)



Note: These plots are pre-scans and for indication purposes only. For final measurements, see accompanying tables.

5.3. Transmitter Band Edge Radiated Emissions

5.3.1. 5.25-5.35 GHz band

Test Summary:

Test Engineers:	John Ferdinand, Andrew Harding, Mark Perry & Mohammed Toubella	Test Dates:	14 September 2019 to 27 September 2019
Test Sample Serial Number:	2405066 & 2428534		

FCC Reference:	Parts 15.407(b)(2),(7), 15.205 & 15.209(a)
Test Method Used:	ANSI C63.10 Section 6.10 & KDB 789033 II.G.

Environmental Conditions:

Temperature (°C):	21 to 24
Relative Humidity (%):	41 to 52

Note(s):

1. Field strength measurements using peak and average detectors were performed in the restricted bands below 5.15 GHz and above 5.35 GHz. Field strength and EIRP results were found to be compliant with the restricted band limits and Part 15.407 out-of-band limits.
2. For all average measurements in this section, 300 sweeps were used. This satisfies the requirement for the minimum number of sweep points, as stated in KDB 789033 Section II.G.6.c) Method AD (vi).
3. In accordance with KDB 789033 Section II.G.6.c) Method AD (vii), for average measurements, data rates where the EUT was transmitting <98% duty cycle, the duty cycle correction factor calculated in section 4.1 was added to the measured result.

Transmitter Band Edge Radiated Emissions (5.25-5.35 GHz band operation) (continued)**Note(s):**

4. Measurements were performed in the EUT modes that produced the highest power and the widest bandwidths as these were deemed to be the worst case modes. The modes that produced the highest power and widest bandwidth were:
- o 802.11a SISO – 64-QAM / 48 Mbps / Port 1
 - o 802.11a SISO – 64-QAM / 54 Mbps / Port 1
 - o 802.11n HT20 SISO – QPSK / MCS2 / Port 1
 - o 802.11n HT20 SISO – 64-QAM / MCS6 / Port 1
 - o 802.11n HT40 SISO – 16-QAM / MCS3 / Port 1
 - o 802.11n HT40 SISO – 16-QAM / MCS4 / Port 1
 - o 802.11ac VHT80 SISO – QPSK / MCS1x1 / Port 1
 - o 802.11ac VHT80 SISO – 256-QAM / MCS8x1 / Port 1
 - o 802.11a MIMO – 64-QAM / 48 Mbps / 2Tx CDD / Ports 1 & 2
 - o 802.11a MIMO – 64-QAM / 54 Mbps / 2Tx CDD / Ports 1 & 2
 - o 802.11n HT20 MIMO – BPSK / MCS0 / 2Tx CDD / Ports 1 & 2
 - o 802.11n HT20 MIMO – 16-QAM / MCS4 / 2Tx CDD / Ports 1 & 2
 - o 802.11n HT40 MIMO – 64-QAM / MCS7 / 2Tx CDD / Ports 1 & 2
 - o 802.11ac VHT80 MIMO – 64-QAM / MCS5x1 / 2Tx CDD / Ports 1 & 2
 - o 802.11ac VHT80 MIMO – 256-QAM / MCS9x1 / 2Tx CDD / Ports 1 & 2
 - o 802.11a MIMO – BPSK / 9 Mbps / 3Tx CDD / Ports 1, 2 & 3
 - o 802.11a MIMO – QPSK / 12 Mbps / 3Tx CDD / Ports 1, 2 & 3
 - o 802.11n HT20 MIMO – 16-QAM / MCS3 / 3Tx CDD / Ports 1, 2 & 3
 - o 802.11n HT20 MIMO – 64-QAM / MCS7 / 3Tx CDD / Ports 1, 2 & 3
 - o 802.11n HT40 MIMO – 16-QAM / MCS3 / 3Tx CDD / Ports 1, 2 & 3
 - o 802.11n HT40 MIMO – 64-QAM / MCS5 / 3Tx CDD / Ports 1, 2 & 3
 - o 802.11ac VHT80 MIMO – QPSK / MCS1x1 / 3Tx CDD / Ports 1, 2 & 3
 - o 802.11ac VHT80 MIMO – QPSK / MCS2x1 / 3Tx CDD / Ports 1, 2 & 3
 - o 802.11a MIMO – QPSK / 12 Mbps / 4Tx CDD / Ports 1, 2, 3 & 4
 - o 802.11n HT20 MIMO – QPSK / MCS1 / 4Tx CDD / Ports 1, 2, 3 & 4
 - o 802.11n HT20 MIMO – QPSK / MCS2 / 4Tx CDD / Ports 1, 2, 3 & 4
 - o 802.11n HT40 MIMO – 16-QAM / MCS3 / 4Tx CDD / Ports 1, 2, 3 & 4
 - o 802.11n HT40 MIMO – 16-QAM / MCS7 / 4Tx CDD / Ports 1, 2, 3 & 4
 - o 802.11ac VHT80 MIMO – 16-QAM / MCS3x1 / 4Tx CDD / Ports 1, 2, 3 & 4
 - o 802.11ac VHT80 MIMO – 64-QAM / MCS6x1 / 4Tx CDD / Ports 1, 2, 3 & 4

Transmitter Band Edge Radiated Emissions (5.25-5.35 GHz band operation) (continued)**Results: 802.11a / 20 MHz / SISO / 64-QAM / 48 Mbps / Port 1****Results: Lower Band Edge / Peak**

Frequency (MHz)	Level (dB μ V/m)	Limit (dB μ V/m)	Margin (dB)	Result
5093.077	56.0	74.0	18.0	Complied
5150.000	54.2	74.0	19.8	Complied

Results: Upper Band Edge / Peak

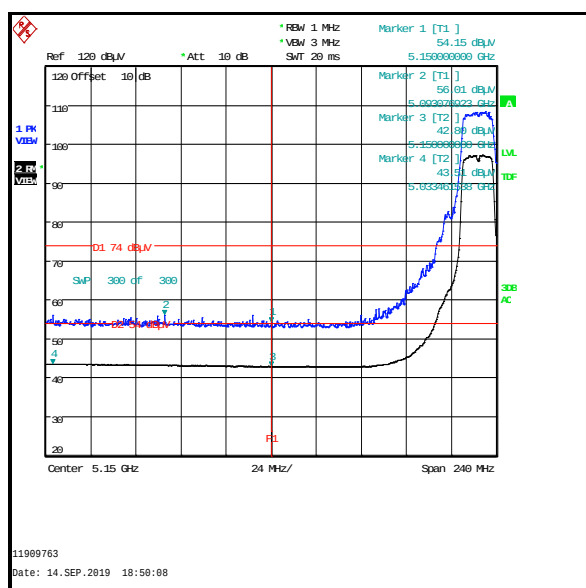
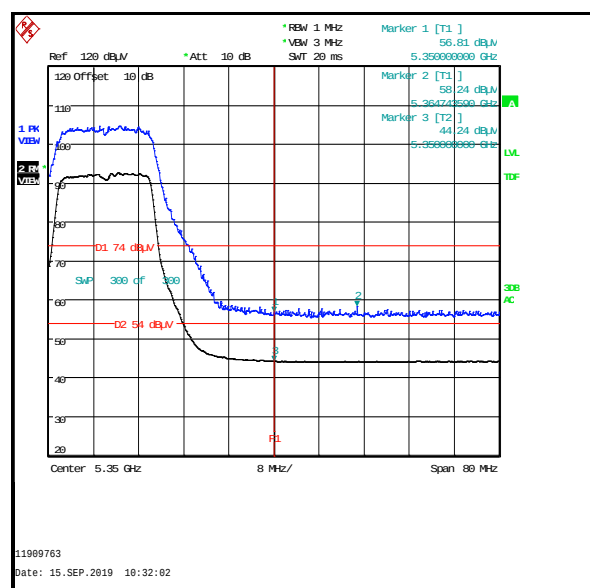
Frequency (MHz)	Level (dB μ V/m)	Limit (dB μ V/m)	Margin (dB)	Result
5350.000	56.8	74.0	17.2	Complied
5364.744	58.2	74.0	15.8	Complied

Results: Lower Band Edge / Average

Frequency (MHz)	Level (dB μ V/m)	Duty Cycle correction (dB)	Corrected Level (dB μ V/m)	Limit (dB μ V/m)	Margin (dB)	Result
5033.462	43.5	1.4	44.9	54.0	9.1	Complied
5150.000	42.8	1.4	44.2	54.0	9.8	Complied

Results: Upper Band Edge / Average

Frequency (MHz)	Level (dB μ V/m)	Duty Cycle correction (dB)	Corrected Level (dB μ V/m)	Limit (dB μ V/m)	Margin (dB)	Result
5350.000	44.2	1.6	45.8	54.0	8.2	Complied

**Lower Band Edge****Upper Band Edge**

Transmitter Band Edge Radiated Emissions (5.25-5.35 GHz band operation) (continued)**Results: Lower Band Edge / Peak**

Frequency (MHz)	Level (dB μ V/m)	Limit (dB μ V/m)	Margin (dB)	Result
5065.000	56.7	74.0	17.3	Complied
5150.000	53.6	74.0	20.4	Complied

Results: Upper Band Edge / Peak

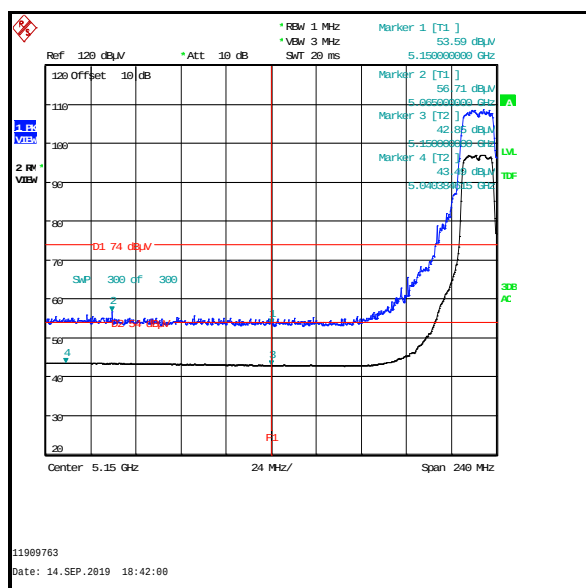
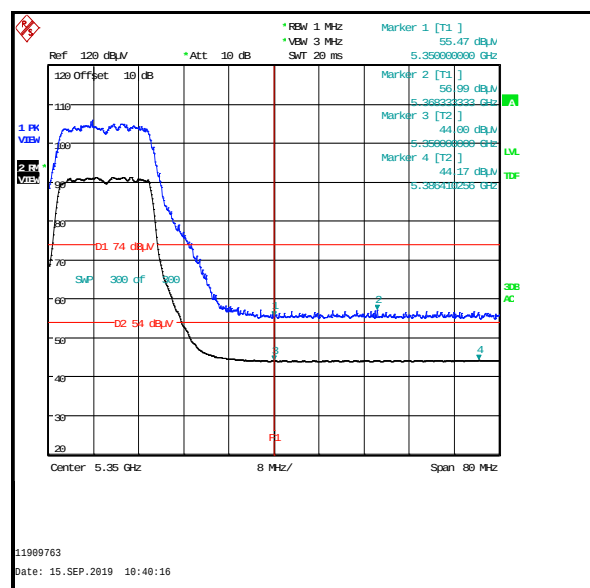
Frequency (MHz)	Level (dB μ V/m)	Limit (dB μ V/m)	Margin (dB)	Result
5350.000	55.5	74.0	18.5	Complied
5368.333	57.0	74.0	17.0	Complied

Results: Lower Band Edge / Average

Frequency (MHz)	Level (dB μ V/m)	Duty Cycle correction (dB)	Corrected Level (dB μ V/m)	Limit (dB μ V/m)	Margin (dB)	Result
5040.385	43.5	1.6	45.1	54.0	8.9	Complied
5150.000	42.9	1.6	44.5	54.0	9.5	Complied

Results: Upper Band Edge / Average

Frequency (MHz)	Level (dB μ V/m)	Duty Cycle correction (dB)	Corrected Level (dB μ V/m)	Limit (dB μ V/m)	Margin (dB)	Result
5350.000	44.0	1.5	45.5	54.0	9.5	Complied
5386.412	44.2	1.5	45.7	54.0	9.3	Complied

**Lower Band Edge****Upper Band Edge**

Transmitter Band Edge Radiated Emissions (5.25-5.35 GHz band operation) (continued)**Results: 802.11n / 20 MHz / SISO / QPSK / MCS2 / Port 1****Results: Lower Band Edge / Peak**

Frequency (MHz)	Level (dB μ V/m)	Limit (dB μ V/m)	Margin (dB)	Result
5067.692	56.2	74.0	17.8	Complied
5150.000	54.3	74.0	19.7	Complied

Results: Upper Band Edge / Peak

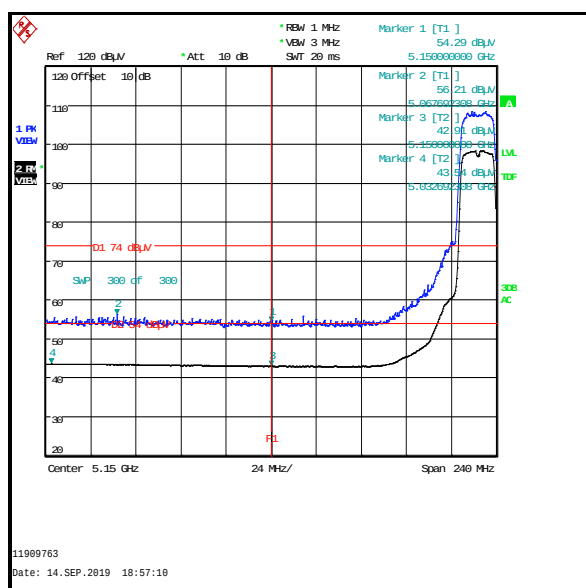
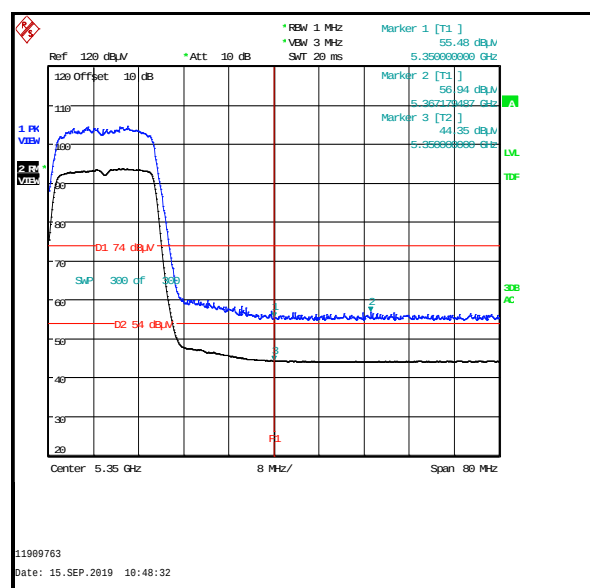
Frequency (MHz)	Level (dB μ V/m)	Limit (dB μ V/m)	Margin (dB)	Result
5350.000	55.5	74.0	18.5	Complied
5367.180	56.9	74.0	17.1	Complied

Results: Lower Band Edge / Average

Frequency (MHz)	Level (dB μ V/m)	Duty Cycle correction (dB)	Corrected Level (dB μ V/m)	Limit (dB μ V/m)	Margin (dB)	Result
5032.692	43.5	1.8	45.3	54.0	8.7	Complied
5150.000	42.9	1.8	44.7	54.0	9.3	Complied

Results: Upper Band Edge / Average

Frequency (MHz)	Level (dB μ V/m)	Duty Cycle correction (dB)	Corrected Level (dB μ V/m)	Limit (dB μ V/m)	Margin (dB)	Result
5350.000	44.4	1.8	46.2	54.0	7.8	Complied

**Lower Band Edge****Upper Band Edge**

Transmitter Band Edge Radiated Emissions (5.25-5.35 GHz band operation) (continued)**Results: 802.11n / 20 MHz / SISO / 64-QAM / MCS6 / Port 1****Results: Lower Band Edge / Peak**

Frequency (MHz)	Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Result
5129.615	56.2	74.0	17.8	Complied
5150.000	53.6	74.0	20.4	Complied

Results: Upper Band Edge / Peak

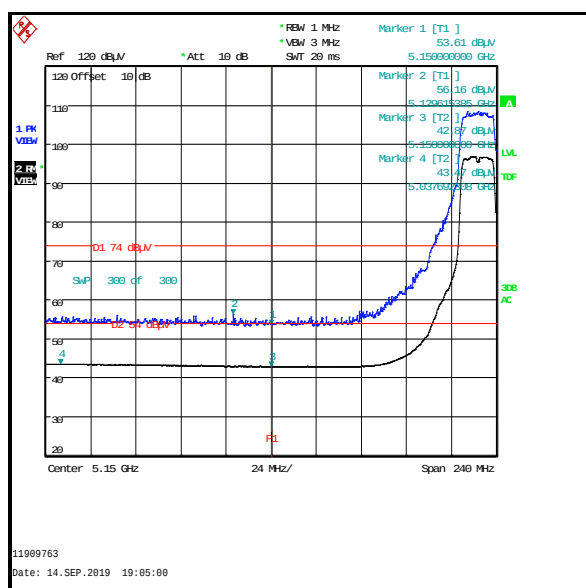
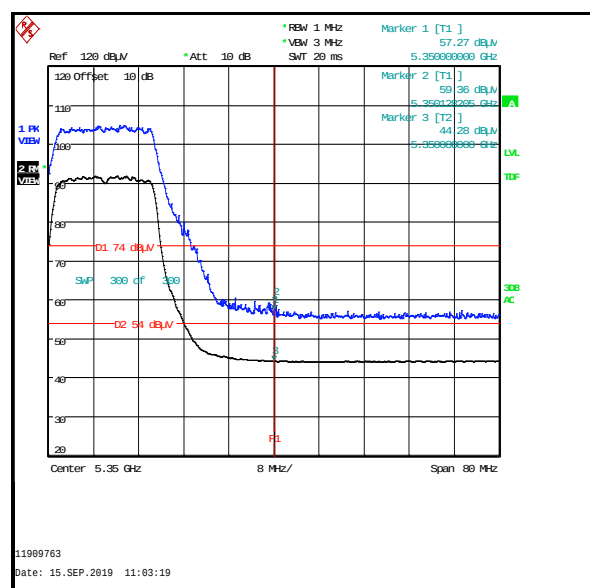
Frequency (MHz)	Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Result
5350.000	57.3	74.0	16.7	Complied
5350.128	59.4	74.0	14.6	Complied

Results: Lower Band Edge / Average

Frequency (MHz)	Level (dBμV/m)	Duty Cycle correction (dB)	Corrected Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Result
5037.692	43.5	1.5	45.0	54.0	9.0	Complied
5150.000	42.9	1.5	44.4	54.0	9.6	Complied

Results: Upper Band Edge / Average

Frequency (MHz)	Level (dBμV/m)	Duty Cycle correction (dB)	Corrected Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Result
5350.000	44.3	1.8	46.1	54.0	7.9	Complied

**Lower Band Edge****Upper Band Edge**

Transmitter Band Edge Radiated Emissions (5.25-5.35 GHz band operation) (continued)**Results: 802.11n / 40 MHz / SISO / 16-QAM / MCS3 / Port 1****Results: Lower Band Edge / Peak**

Frequency (MHz)	Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Result
5104.231	56.1	74.0	17.9	Complied
5150.000	53.5	74.0	20.5	Complied

Results: Upper Band Edge / Peak

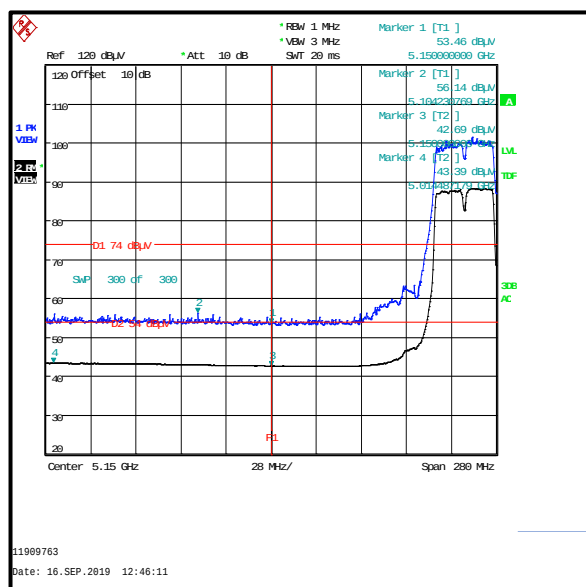
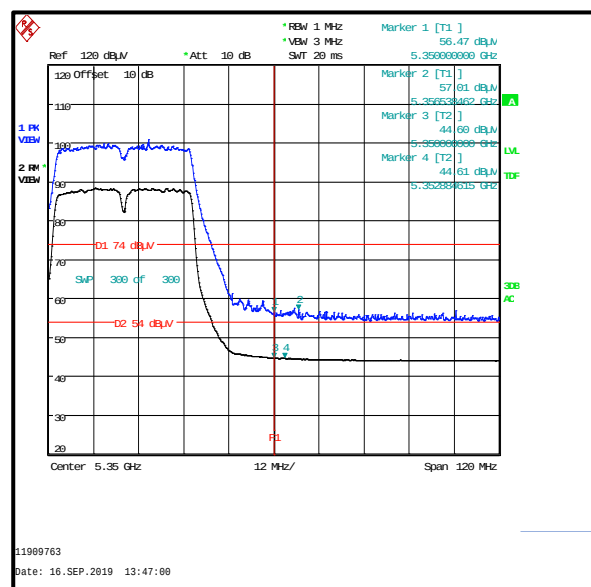
Frequency (MHz)	Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Result
5350.000	56.5	74.0	17.5	Complied
5356.539	57.0	74.0	17.0	Complied

Results: Lower Band Edge / Average

Frequency (MHz)	Level (dBμV/m)	Duty Cycle correction (dB)	Corrected Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Result
5014.487	43.4	2.0	45.4	54.0	8.6	Complied
5150.000	42.7	2.0	44.7	54.0	9.3	Complied

Results: Upper Band Edge / Average

Frequency (MHz)	Level (dBμV/m)	Duty Cycle correction (dB)	Corrected Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Result
5350.000	44.6	2.4	47.0	54.0	7.0	Complied
5352.885	44.6	2.4	47.0	54.0	7.0	Complied

**Lower Band Edge****Upper Band Edge**

Transmitter Band Edge Radiated Emissions (5.25-5.35 GHz band operation) (continued)**Results: 802.11n / 40 MHz / SISO / 16-QAM / MCS4 / Port 1****Results: Lower Band Edge / Peak**

Frequency (MHz)	Level (dB μ V/m)	Limit (dB μ V/m)	Margin (dB)	Result
5150.000	53.5	74.0	20.5	Complied
5051.282	55.5	74.0	18.5	Complied

Results: Upper Band Edge / Peak

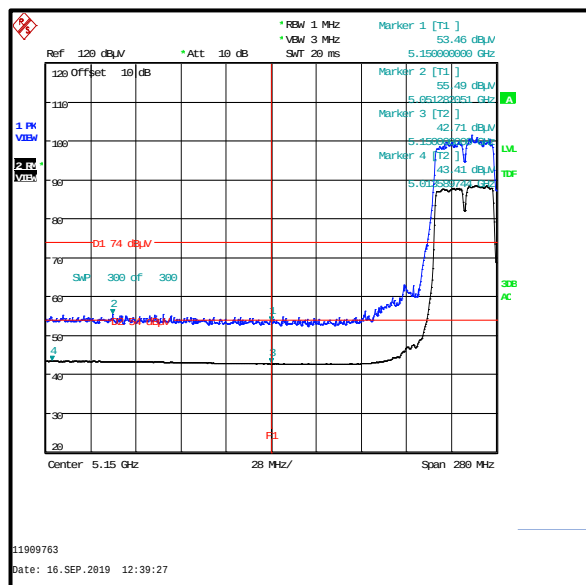
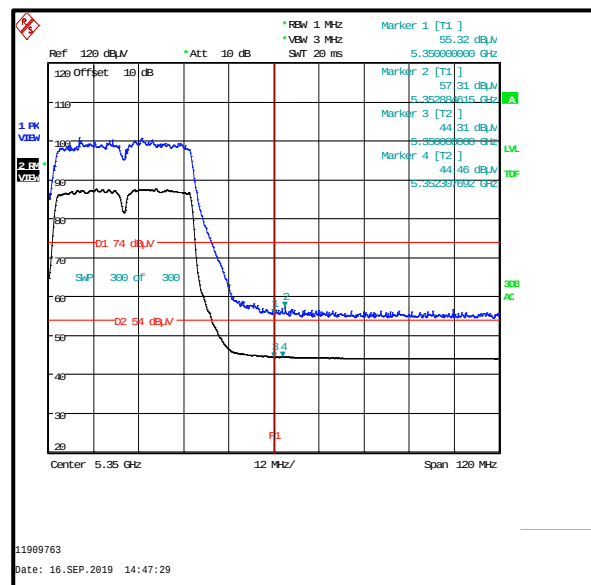
Frequency (MHz)	Level (dB μ V/m)	Limit (dB μ V/m)	Margin (dB)	Result
5350.000	55.3	74.0	18.7	Complied
5352.885	57.3	74.0	16.7	Complied

Results: Lower Band Edge / Average

Frequency (MHz)	Level (dB μ V/m)	Duty Cycle correction (dB)	Corrected Level (dB μ V/m)	Limit (dB μ V/m)	Margin (dB)	Result
5013.590	43.4	2.0	45.4	54.0	8.6	Complied
5150.000	42.7	2.0	44.7	54.0	9.3	Complied

Results: Upper Band Edge / Average

Frequency (MHz)	Level (dB μ V/m)	Duty Cycle correction (dB)	Corrected Level (dB μ V/m)	Limit (dB μ V/m)	Margin (dB)	Result
5350.000	44.3	2.1	46.4	54.0	7.6	Complied
5352.308	44.5	2.1	46.6	54.0	7.4	Complied

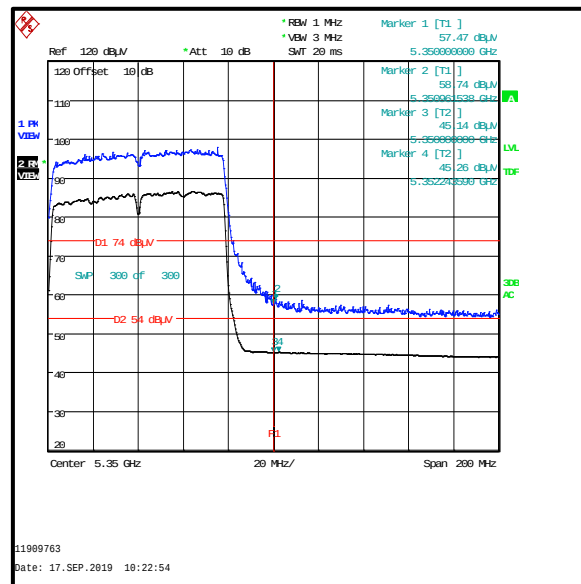
**Lower Band Edge****Upper Band Edge**

Transmitter Band Edge Radiated Emissions (5.25-5.35 GHz band operation) (continued)**Results: 802.11ac / 80 MHz / SISO / QPSK / MCS1x1 / Port 1****Results: Upper Band Edge / Peak**

Frequency (MHz)	Level (dB μ V/m)	Limit (dB μ V/m)	Margin (dB)	Result
5350.000	57.5	74.0	16.5	Complied
5350.962	58.7	74.0	15.3	Complied

Results: Upper Band Edge / Average

Frequency (MHz)	Level (dB μ V/m)	Duty Cycle correction (dB)	Corrected Level (dB μ V/m)	Limit (dB μ V/m)	Margin (dB)	Result
5350.000	45.1	1.7	46.8	54.0	7.2	Complied
5352.244	45.3	1.7	47.0	54.0	7.0	Complied

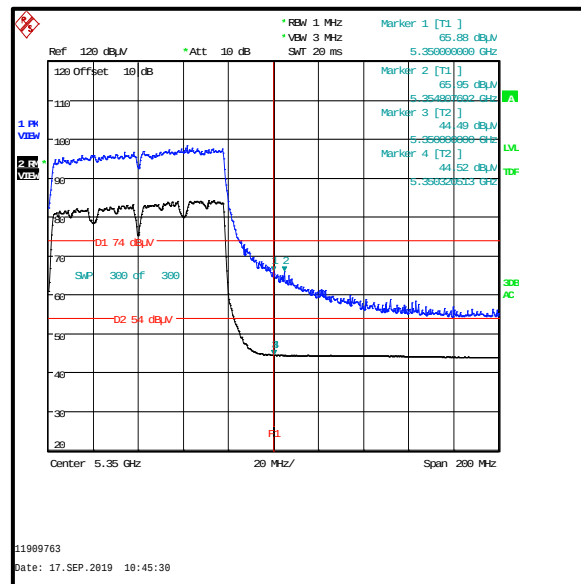
**Upper Band Edge**

Transmitter Band Edge Radiated Emissions (5.25-5.35 GHz band operation) (continued)**Results: 802.11ac / 80 MHz / SISO / 256-QAM / MCS8x1 / Port 1****Results: Upper Band Edge / Peak**

Frequency (MHz)	Level (dB μ V/m)	Limit (dB μ V/m)	Margin (dB)	Result
5350.000	65.9	74.0	8.1	Complied
5354.808	66.0	74.0	8.0	Complied

Results: Upper Band Edge / Average

Frequency (MHz)	Level (dB μ V/m)	Duty Cycle correction (dB)	Corrected Level (dB μ V/m)	Limit (dB μ V/m)	Margin (dB)	Result
5350.000	44.5	3.2	47.7	54.0	6.3	Complied
5350.321	44.5	3.2	47.7	54.0	6.3	Complied

**Upper Band Edge**

Transmitter Band Edge Radiated Emissions (5.25-5.35 GHz band operation) (continued)**Results: 802.11a / 20 MHz / MIMO / 2Tx CDD / 64-QAM / 48 Mbps / Port 1 & 2****Results: Lower Band Edge / Peak**

Frequency (MHz)	Level (dB μ V/m)	Limit (dB μ V/m)	Margin (dB)	Result
5033.077	57.3	74.0	16.7	Complied
5150.000	56.2	74.0	17.8	Complied

Results: Upper Band Edge / Peak

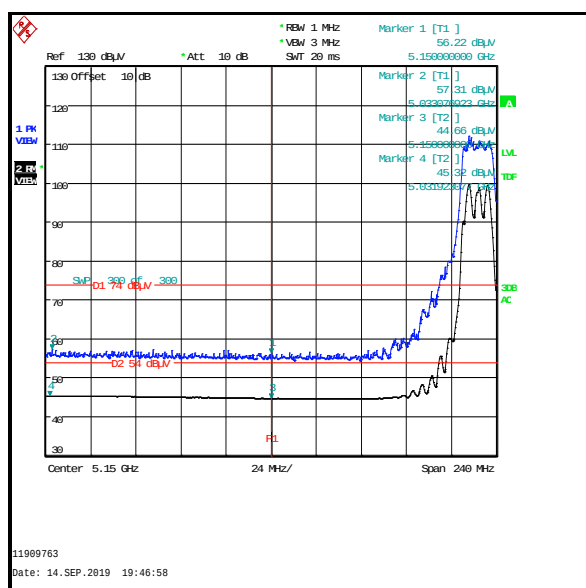
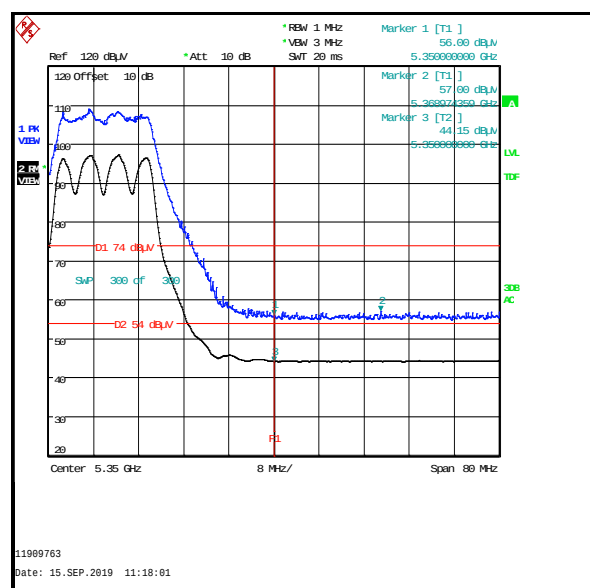
Frequency (MHz)	Level (dB μ V/m)	Limit (dB μ V/m)	Margin (dB)	Result
5350.000	56.0	74.0	18.0	Complied
5368.974	57.0	74.0	17.0	Complied

Results: Lower Band Edge / Average

Frequency (MHz)	Level (dB μ V/m)	Duty Cycle correction (dB)	Corrected Level (dB μ V/m)	Limit (dB μ V/m)	Margin (dB)	Result
5031.923	45.3	1.8	47.1	54.0	6.9	Complied
5150.000	44.7	1.8	46.5	54.0	7.5	Complied

Results: Upper Band Edge / Average

Frequency (MHz)	Level (dB μ V/m)	Duty Cycle correction (dB)	Corrected Level (dB μ V/m)	Limit (dB μ V/m)	Margin (dB)	Result
5350.000	44.2	1.8	46.0	54.0	8.0	Complied

**Lower Band Edge****Upper Band Edge**

Transmitter Band Edge Radiated Emissions (5.25-5.35 GHz band operation) (continued)**Results: 802.11a / 20 MHz / MIMO / 2Tx CDD / 64-QAM / 54 Mbps / Port 1 & 2****Results: Lower Band Edge / Peak**

Frequency (MHz)	Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Result
5100.000	57.4	74.0	16.6	Complied
5150.000	55.7	74.0	18.3	Complied

Results: Upper Band Edge / Peak

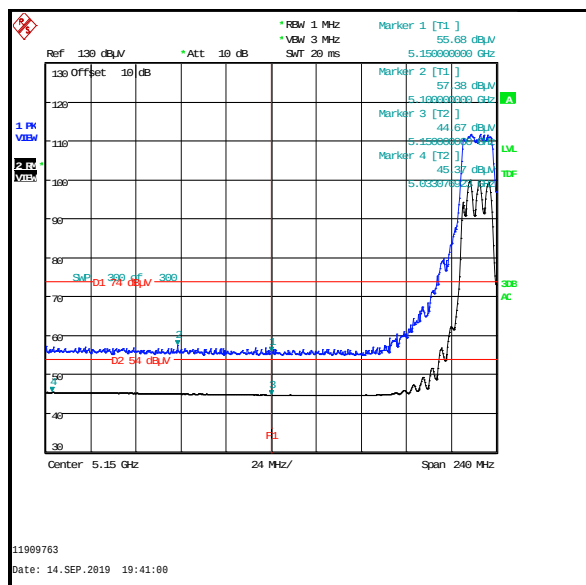
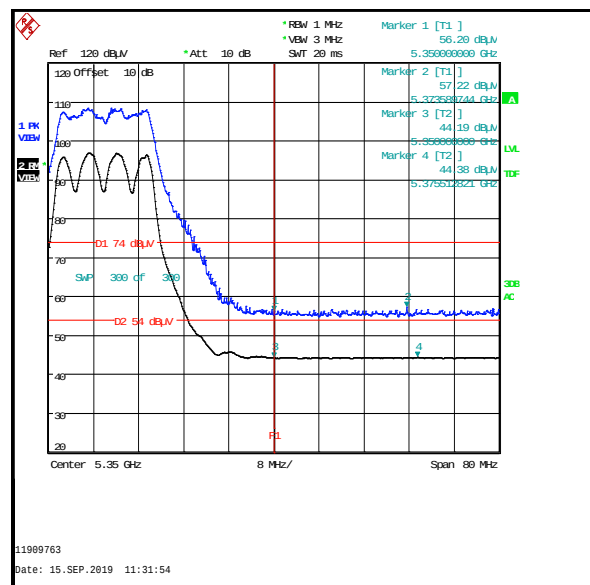
Frequency (MHz)	Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Result
5350.000	56.2	74.0	17.8	Complied
5373.590	57.2	74.0	16.8	Complied

Results: Lower Band Edge / Average

Frequency (MHz)	Level (dBμV/m)	Duty Cycle correction (dB)	Corrected Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Result
5033.077	45.4	1.3	46.7	54.0	7.3	Complied
5150.000	44.7	1.3	46.0	54.0	8.0	Complied

Results: Upper Band Edge / Average

Frequency (MHz)	Level (dBμV/m)	Duty Cycle correction (dB)	Corrected Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Result
5350.000	44.2	1.5	45.7	54.0	8.3	Complied
5375.513	44.4	1.5	45.9	54.0	8.1	Complied

**Lower Band Edge****Upper Band Edge**

Transmitter Band Edge Radiated Emissions (5.25-5.35 GHz band operation) (continued)**Results: 802.11n / 20 MHz / MIMO / 2Tx CDD / BPSK / MCS0 / Port 1 & 2****Results: Lower Band Edge / Peak**

Frequency (MHz)	Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Result
5125.769	57.8	74.0	16.2	Complied
5150.000	56.3	74.0	17.7	Complied

Results: Upper Band Edge / Peak

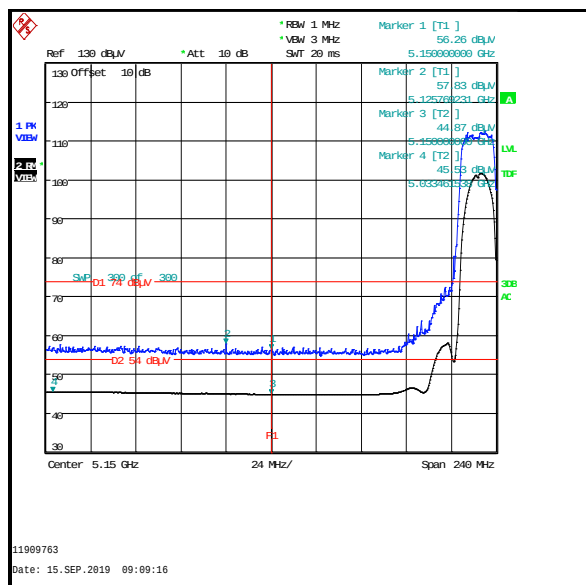
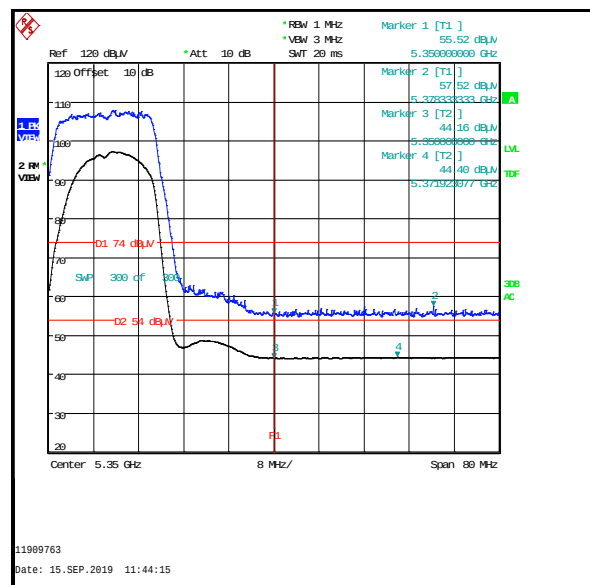
Frequency (MHz)	Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Result
5350.000	55.5	74.0	18.5	Complied
5378.333	57.5	74.0	16.5	Complied

Results: Lower Band Edge / Average

Frequency (MHz)	Level (dBμV/m)	Duty Cycle correction (dB)	Corrected Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Result
5033.464	45.5	1.4	46.9	54.0	7.1	Complied
5150.000	44.9	1.4	46.3	54.0	7.7	Complied

Results: Upper Band Edge / Average

Frequency (MHz)	Level (dBμV/m)	Duty Cycle correction (dB)	Corrected Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Result
5350.000	44.2	1.5	45.7	54.0	8.3	Complied
5371.923	44.4	1.5	45.9	54.0	8.1	Complied

**Lower Band Edge****Upper Band Edge**

Transmitter Band Edge Radiated Emissions (5.25-5.35 GHz band operation) (continued)**Results: 802.11n / 20 MHz / MIMO / 2Tx CDD / 16-QAM / MCS4 / Port 1 & 2****Results: Lower Band Edge / Peak**

Frequency (MHz)	Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Result
5130.385	57.5	74.0	16.5	Complied
5150.000	55.5	74.0	18.5	Complied

Results: Upper Band Edge / Peak

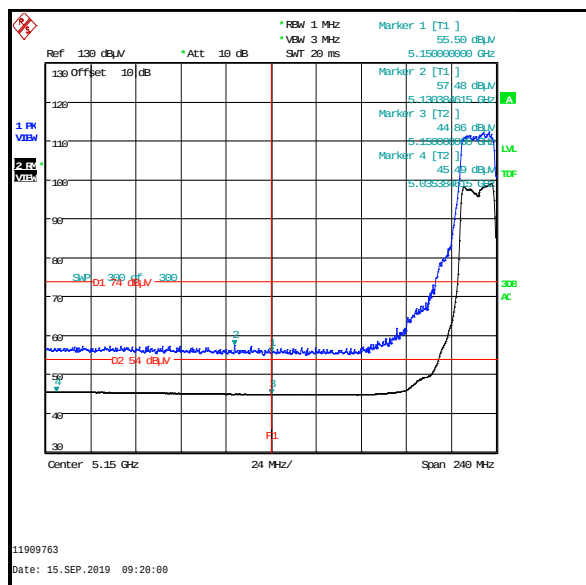
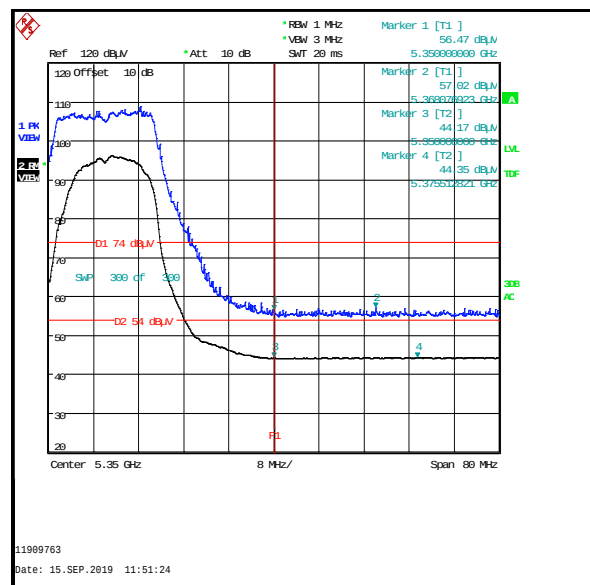
Frequency (MHz)	Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Result
5350.000	56.5	74.0	17.5	Complied
5368.077	57.0	74.0	17.0	Complied

Results: Lower Band Edge / Average

Frequency (MHz)	Level (dBμV/m)	Duty Cycle correction (dB)	Corrected Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Result
5035.385	45.5	1.3	46.8	54.0	7.2	Complied
5150.000	44.9	1.3	46.2	54.0	7.8	Complied

Results: Upper Band Edge / Average

Frequency (MHz)	Level (dBμV/m)	Duty Cycle correction (dB)	Corrected Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Result
5350.000	44.2	1.3	45.5	54.0	8.5	Complied
5375.551	44.4	1.3	45.7	54.0	8.3	Complied

**Lower Band Edge****Upper Band Edge**

Transmitter Band Edge Radiated Emissions (5.25-5.35 GHz band operation) (continued)**Results: 802.11n / 40 MHz / MIMO / 2Tx CDD / 64-QAM / MCS7 / Port 1 & 2****Results: Lower Band Edge / Peak**

Frequency (MHz)	Level (dB μ V/m)	Limit (dB μ V/m)	Margin (dB)	Result
5145.962	56.4	74.0	17.6	Complied
5150.000	53.8	74.0	20.2	Complied

Results: Upper Band Edge / Peak

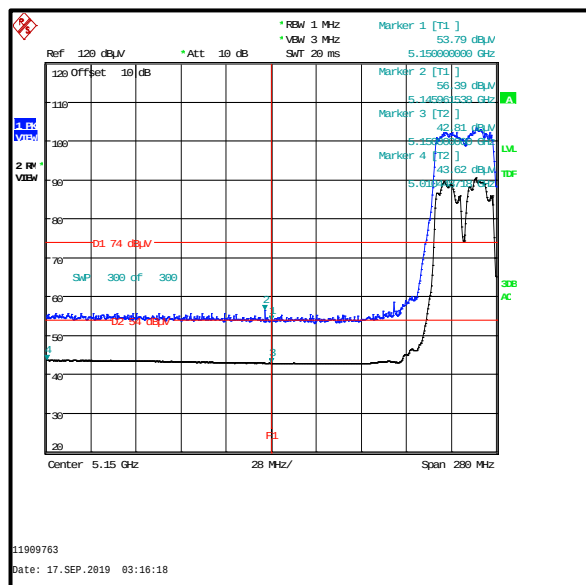
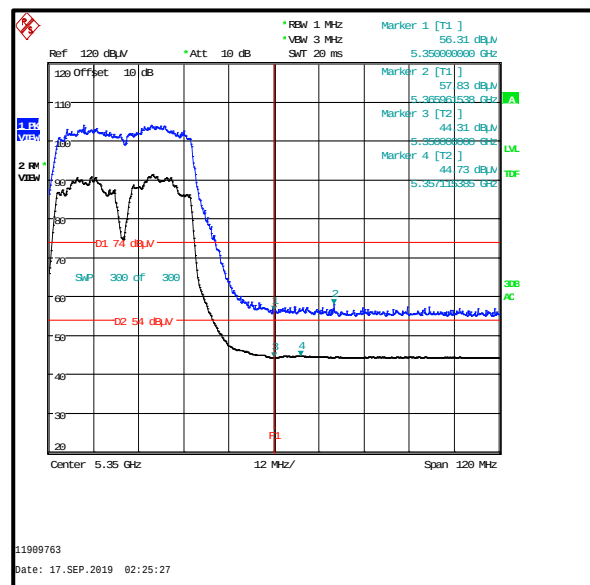
Frequency (MHz)	Level (dB μ V/m)	Limit (dB μ V/m)	Margin (dB)	Result
5350.000	56.3	74.0	17.7	Complied
5365.962	57.8	74.0	16.2	Complied

Results: Lower Band Edge / Average

Frequency (MHz)	Level (dB μ V/m)	Duty Cycle correction (dB)	Corrected Level (dB μ V/m)	Limit (dB μ V/m)	Margin (dB)	Result
5010.449	43.6	2.5	46.1	54.0	7.9	Complied
5150.000	42.8	2.5	45.3	54.0	8.7	Complied

Results: Upper Band Edge / Average

Frequency (MHz)	Level (dB μ V/m)	Duty Cycle correction (dB)	Corrected Level (dB μ V/m)	Limit (dB μ V/m)	Margin (dB)	Result
5350.000	44.3	2.2	46.5	54.0	7.5	Complied
5357.115	44.7	2.2	46.9	54.0	7.1	Complied

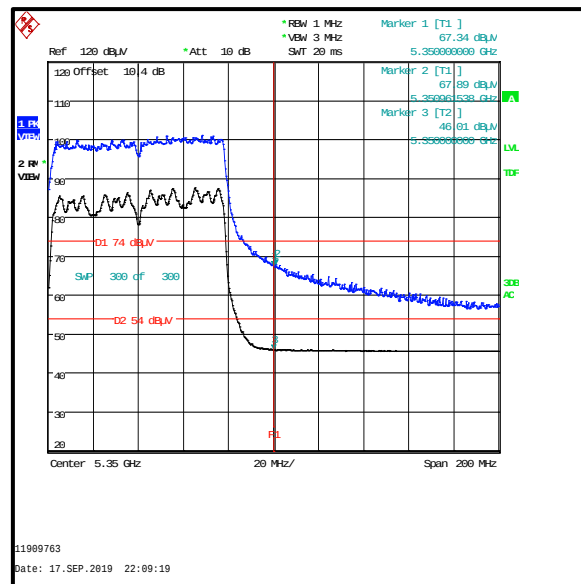
**Lower Band Edge****Upper Band Edge**

Transmitter Band Edge Radiated Emissions (5.25-5.35 GHz band operation) (continued)**Results: 802.11ac / 80 MHz / MIMO / 2Tx CDD / 64-QAM / MCS5x1 / Port 1 & 2****Results: Upper Band Edge / Peak**

Frequency (MHz)	Level (dB μ V/m)	Limit (dB μ V/m)	Margin (dB)	Result
5350.000	67.3	74.0	6.7	Complied
5350.962	67.9	74.0	6.1	Complied

Results: Upper Band Edge / Average

Frequency (MHz)	Level (dB μ V/m)	Duty Cycle correction (dB)	Corrected Level (dB μ V/m)	Limit (dB μ V/m)	Margin (dB)	Result
5350.000	46.0	3.3	49.3	54.0	4.7	Complied

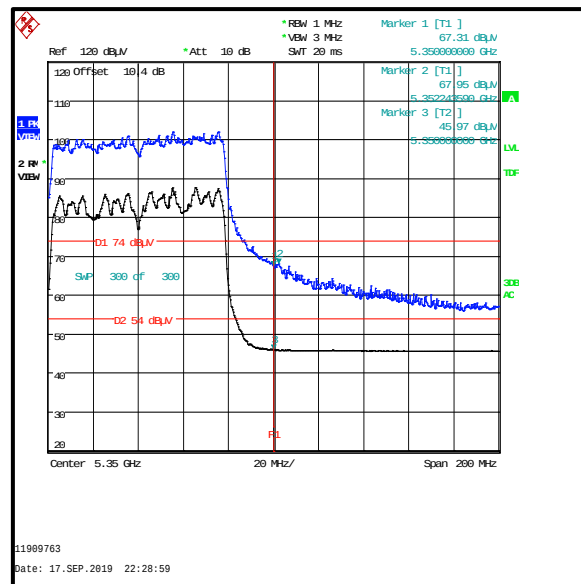
**Upper Band Edge**

Transmitter Band Edge Radiated Emissions (5.25-5.35 GHz band operation) (continued)**Results: 802.11ac / 80 MHz / MIMO / 2Tx CDD / 256-QAM / MCS9x1 / Port 1 & 2****Results: Upper Band Edge / Peak**

Frequency (MHz)	Level (dB μ V/m)	Limit (dB μ V/m)	Margin (dB)	Result
5350.000	67.3	74.0	6.7	Complied
5352.244	68.0	74.0	6.0	Complied

Results: Upper Band Edge / Average

Frequency (MHz)	Level (dB μ V/m)	Duty Cycle correction (dB)	Corrected Level (dB μ V/m)	Limit (dB μ V/m)	Margin (dB)	Result
5350.000	46.0	3.6	49.6	54.0	4.4	Complied

**Upper Band Edge**

Transmitter Band Edge Radiated Emissions (5.25-5.35 GHz band operation) (continued)**Results: 802.11a / 20 MHz / MIMO / 3Tx CDD / BPSK / 9 Mbps / Port 1, 2 & 3****Results: Lower Band Edge / Peak**

Frequency (MHz)	Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Result
5070.769	57.8	74.0	16.2	Complied
5150.000	55.1	74.0	18.9	Complied

Results: Upper Band Edge / Peak

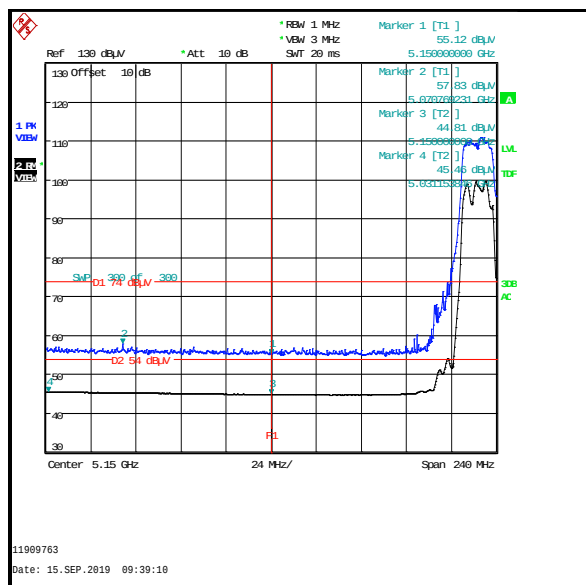
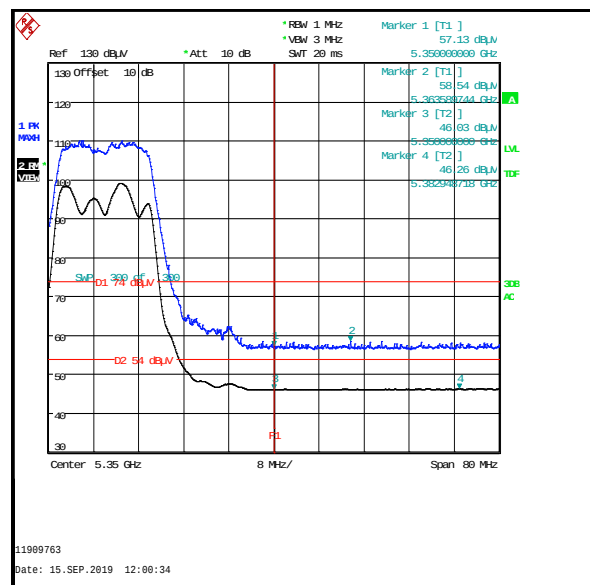
Frequency (MHz)	Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Result
5350.000	57.1	74.0	16.9	Complied
5363.590	58.5	74.0	15.5	Complied

Results: Lower Band Edge / Average

Frequency (MHz)	Level (dBμV/m)	Duty Cycle correction (dB)	Corrected Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Result
5031.154	45.5	1.3	46.8	54.0	7.2	Complied
5150.000	44.8	1.3	46.1	54.0	7.9	Complied

Results: Upper Band Edge / Average

Frequency (MHz)	Level (dBμV/m)	Duty Cycle correction (dB)	Corrected Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Result
5350.000	46.0	1.3	47.3	54.0	6.7	Complied
5382.947	46.3	1.3	47.6	54.0	6.4	Complied

**Lower Band Edge****Upper Band Edge**

Transmitter Band Edge Radiated Emissions (5.25-5.35 GHz band operation) (continued)**Results: 802.11a / 20 MHz / MIMO / 3Tx CDD / QPSK / 12 Mbps / Port 1, 2 & 3****Results: Lower Band Edge / Peak**

Frequency (MHz)	Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Result
5074.331	57.3	74.0	16.7	Complied
5150.000	55.9	74.0	18.1	Complied

Results: Upper Band Edge / Peak

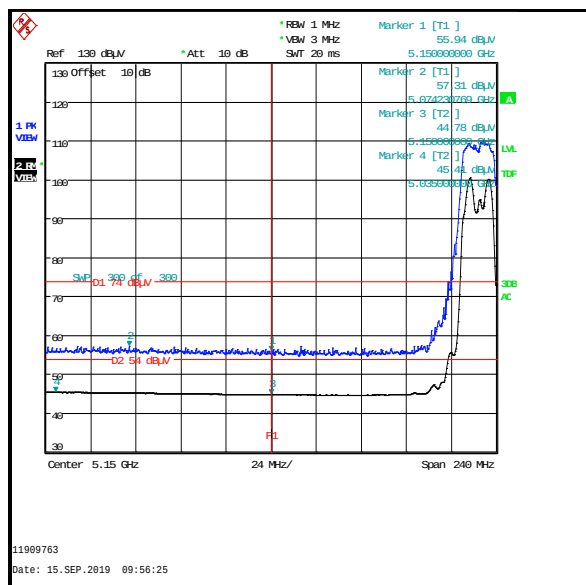
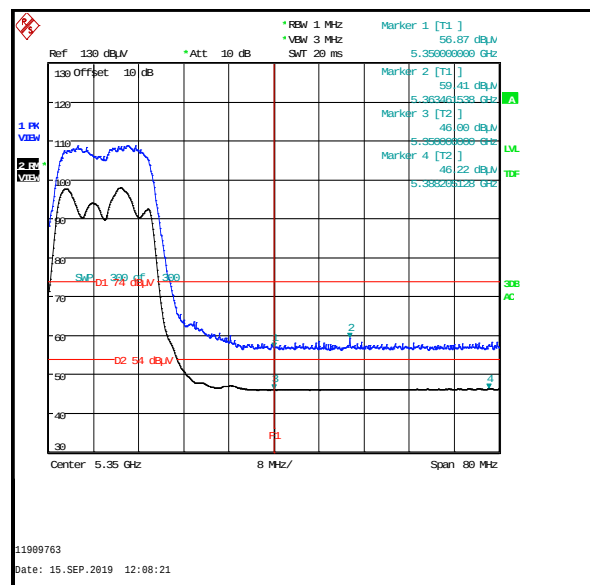
Frequency (MHz)	Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Result
5350.000	56.9	74.0	17.1	Complied
5363.464	59.4	74.0	14.6	Complied

Results: Lower Band Edge / Average

Frequency (MHz)	Level (dBμV/m)	Duty Cycle correction (dB)	Corrected Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Result
5035.000	45.4	1.5	46.9	54.0	7.1	Complied
5150.000	44.8	1.5	46.3	54.0	7.7	Complied

Results: Upper Band Edge / Average

Frequency (MHz)	Level (dBμV/m)	Duty Cycle correction (dB)	Corrected Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Result
5350.000	46.0	1.7	47.7	54.0	6.3	Complied
5388.208	46.2	1.7	47.9	54.0	6.1	Complied

**Lower Band Edge****Upper Band Edge**

Transmitter Band Edge Radiated Emissions (5.25-5.35 GHz band operation) (continued)**Results: 802.11n / 20 MHz / MIMO / 3Tx CDD / 16-QAM / MCS3 / Port 1, 2 & 3****Results: Lower Band Edge / Peak**

Frequency (MHz)	Level (dB μ V/m)	Limit (dB μ V/m)	Margin (dB)	Result
5049.615	57.9	74.0	16.1	Complied
5150.000	56.0	74.0	18.0	Complied

Results: Upper Band Edge / Peak

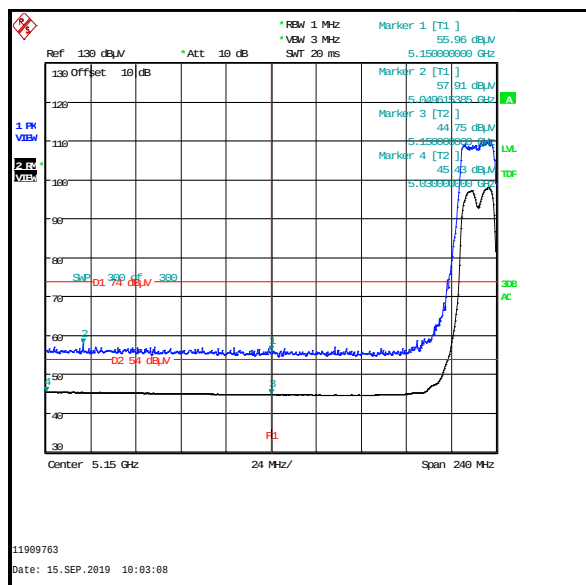
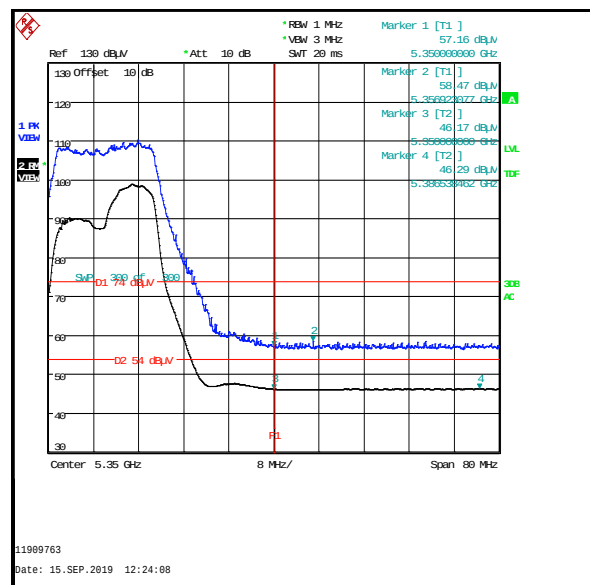
Frequency (MHz)	Level (dB μ V/m)	Limit (dB μ V/m)	Margin (dB)	Result
5350.000	57.2	74.0	16.8	Complied
5356.923	58.5	74.0	15.5	Complied

Results: Lower Band Edge / Average

Frequency (MHz)	Level (dB μ V/m)	Duty Cycle correction (dB)	Corrected Level (dB μ V/m)	Limit (dB μ V/m)	Margin (dB)	Result
5030.000	45.4	1.6	47.0	54.0	7.0	Complied
5150.000	44.8	1.6	46.4	54.0	7.6	Complied

Results: Upper Band Edge / Average

Frequency (MHz)	Level (dB μ V/m)	Duty Cycle correction (dB)	Corrected Level (dB μ V/m)	Limit (dB μ V/m)	Margin (dB)	Result
5350.000	46.2	1.6	47.8	54.0	6.2	Complied
5386.538	46.3	1.6	47.9	54.0	6.1	Complied

**Lower Band Edge****Upper Band Edge**

Transmitter Band Edge Radiated Emissions (5.25-5.35 GHz band operation) (continued)**Results: 802.11n / 20 MHz / MIMO / 3Tx CDD / 64-QAM / MCS7 / Port 1, 2 & 3****Results: Lower Band Edge / Peak**

Frequency (MHz)	Level (dB μ V/m)	Limit (dB μ V/m)	Margin (dB)	Result
5097.692	57.9	74.0	16.1	Complied
5150.000	55.4	74.0	18.6	Complied

Results: Upper Band Edge / Peak

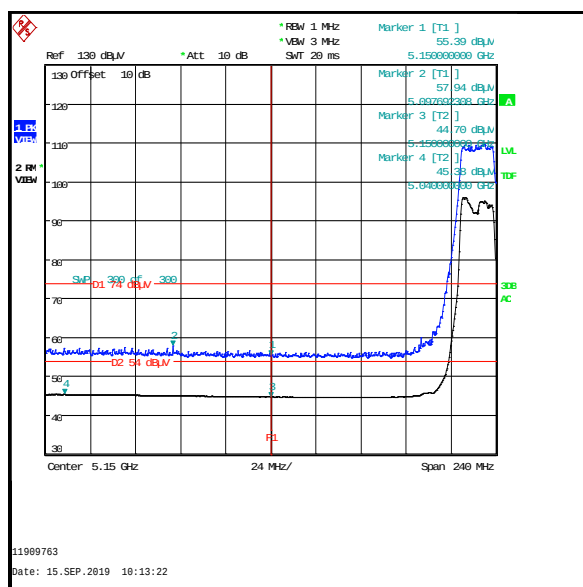
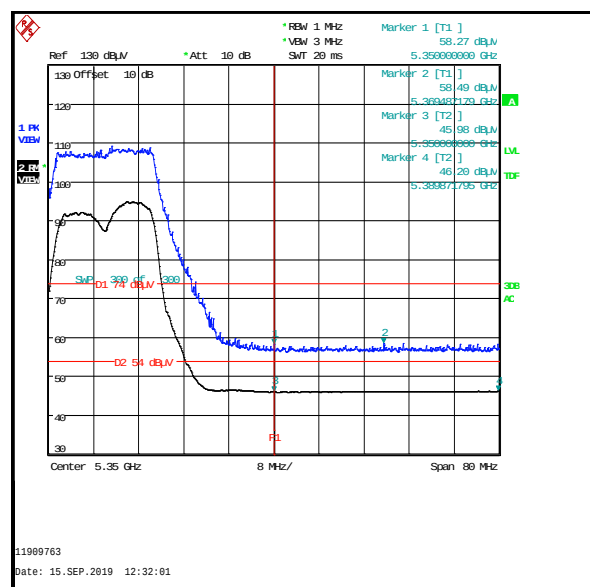
Frequency (MHz)	Level (dB μ V/m)	Limit (dB μ V/m)	Margin (dB)	Result
5350.000	58.3	74.0	15.7	Complied
5369.487	58.5	74.0	15.5	Complied

Results: Lower Band Edge / Average

Frequency (MHz)	Level (dB μ V/m)	Duty Cycle correction (dB)	Corrected Level (dB μ V/m)	Limit (dB μ V/m)	Margin (dB)	Result
5040.000	45.4	1.5	46.9	54.0	7.1	Complied
5150.000	44.7	1.5	46.2	54.0	7.8	Complied

Results: Upper Band Edge / Average

Frequency (MHz)	Level (dB μ V/m)	Duty Cycle correction (dB)	Corrected Level (dB μ V/m)	Limit (dB μ V/m)	Margin (dB)	Result
5350.000	46.0	1.8	47.8	54.0	6.2	Complied
5389.872	46.2	1.8	48.0	54.0	6.0	Complied

**Lower Band Edge****Upper Band Edge**

Transmitter Band Edge Radiated Emissions (5.25-5.35 GHz band operation) (continued)**Results: 802.11n / 40 MHz / MIMO / 3Tx CDD / 16-QAM / MCS3 / Port 1, 2 & 3****Results: Lower Band Edge / Peak**

Frequency (MHz)	Level (dB μ V/m)	Limit (dB μ V/m)	Margin (dB)	Result
5043.654	55.8	74.0	18.2	Complied
5150.000	53.7	74.0	20.3	Complied

Results: Upper Band Edge / Peak

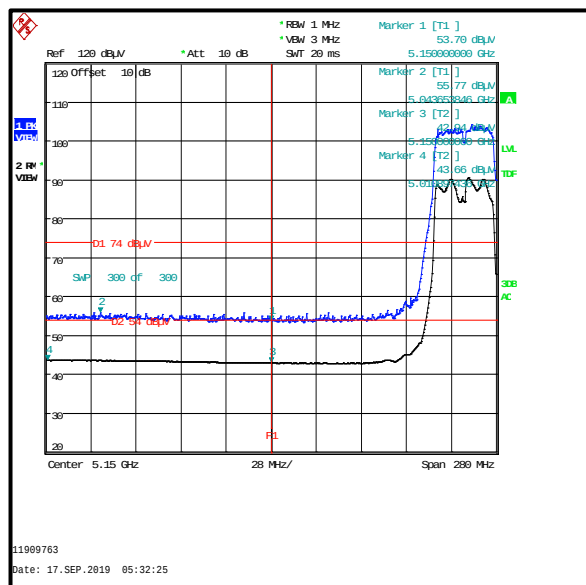
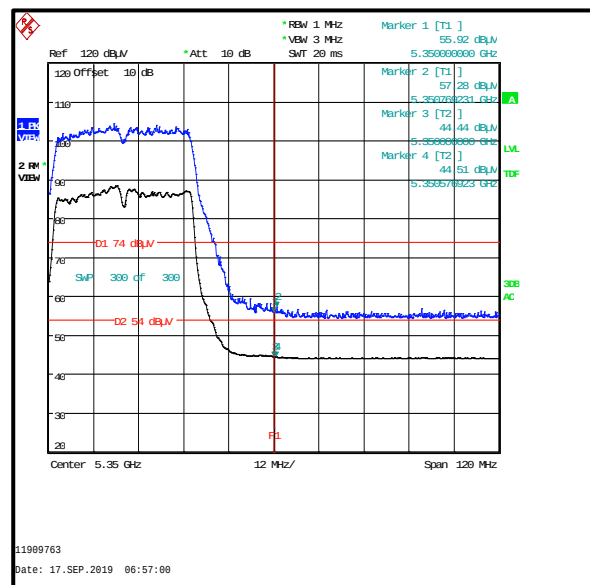
Frequency (MHz)	Level (dB μ V/m)	Limit (dB μ V/m)	Margin (dB)	Result
5350.000	55.9	74.0	18.1	Complied
5350.769	57.3	74.0	16.7	Complied

Results: Lower Band Edge / Average

Frequency (MHz)	Level (dB μ V/m)	Duty Cycle correction (dB)	Corrected Level (dB μ V/m)	Limit (dB μ V/m)	Margin (dB)	Result
5010.897	42.9	2.2	45.1	54.0	8.9	Complied
5150.000	43.7	2.2	45.9	54.0	8.1	Complied

Results: Upper Band Edge / Average

Frequency (MHz)	Level (dB μ V/m)	Duty Cycle correction (dB)	Corrected Level (dB μ V/m)	Limit (dB μ V/m)	Margin (dB)	Result
5350.000	44.4	2.5	46.9	54.0	7.1	Complied
5350.579	44.5	2.5	47.0	54.0	7.0	Complied

**Lower Band Edge****Upper Band Edge**

Transmitter Band Edge Radiated Emissions (5.25-5.35 GHz band operation) (continued)**Results: 802.11n / 40 MHz / MIMO / 3Tx CDD / 64-QAM / MCS5 / Port 1, 2 & 3****Results: Lower Band Edge / Peak**

Frequency (MHz)	Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Result
5015.385	56.5	74.0	17.5	Complied
5150.000	53.9	74.0	20.1	Complied

Results: Upper Band Edge / Peak

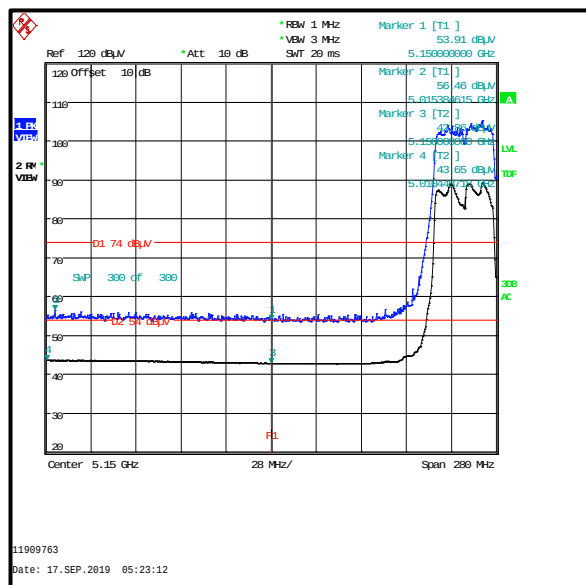
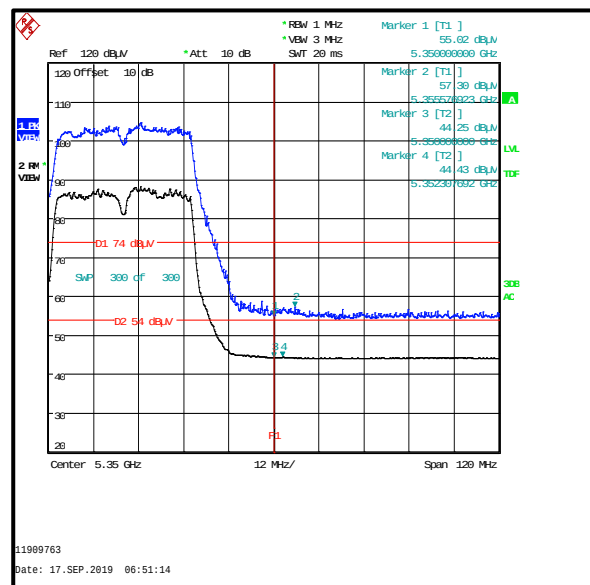
Frequency (MHz)	Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Result
5350.000	55.0	74.0	19.0	Complied
5355.577	57.3	74.0	16.7	Complied

Results: Lower Band Edge / Average

Frequency (MHz)	Level (dBμV/m)	Duty Cycle correction (dB)	Corrected Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Result
5010.449	43.7	2.5	46.2	54.0	7.8	Complied
5150.000	42.9	2.5	45.4	54.0	8.6	Complied

Results: Upper Band Edge / Average

Frequency (MHz)	Level (dBμV/m)	Duty Cycle correction (dB)	Corrected Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Result
5350.000	44.3	2.1	46.4	54.0	7.6	Complied
5352.308	44.4	2.1	46.5	54.0	7.5	Complied

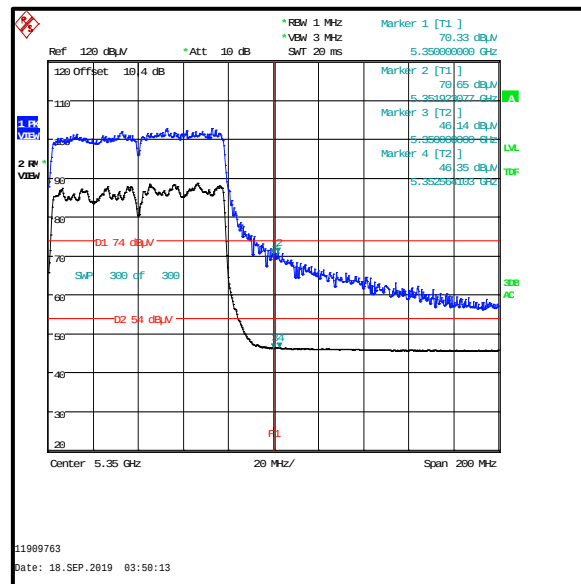
**Lower Band Edge****Upper Band Edge**

Transmitter Band Edge Radiated Emissions (5.25-5.35 GHz band operation) (continued)**Results: 802.11ac / 80 MHz / MIMO / 3Tx CDD / QPSK / MCS1x1 / Port 1, 2 & 3****Results: Upper Band Edge / Peak**

Frequency (MHz)	Level (dB μ V/m)	Limit (dB μ V/m)	Margin (dB)	Result
5350.000	70.3	74.0	3.7	Complied
5351.923	70.7	74.0	3.3	Complied

Results: Upper Band Edge / Average

Frequency (MHz)	Level (dB μ V/m)	Duty Cycle correction (dB)	Corrected Level (dB μ V/m)	Limit (dB μ V/m)	Margin (dB)	Result
5350.000	46.1	2.3	48.4	54.0	5.6	Complied
5352.564	46.4	2.3	48.7	54.0	5.3	Complied

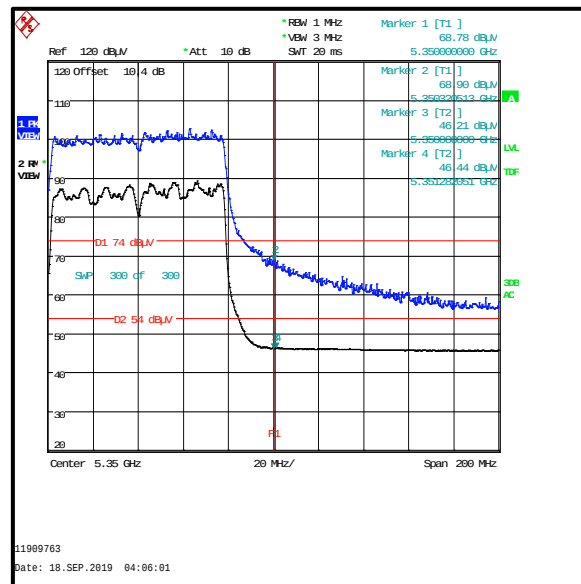
**Upper Band Edge**

Transmitter Band Edge Radiated Emissions (5.25-5.35 GHz band operation) (continued)**Results: 802.11ac / 80 MHz / MIMO / 3Tx CDD / QPSK / MCS2x1 / Port 1, 2 & 3****Results: Upper Band Edge / Peak**

Frequency (MHz)	Level (dB μ V/m)	Limit (dB μ V/m)	Margin (dB)	Result
5350.000	68.8	74.0	5.2	Complied
5350.321	68.9	74.0	5.1	Complied

Results: Upper Band Edge / Average

Frequency (MHz)	Level (dB μ V/m)	Duty Cycle correction (dB)	Corrected Level (dB μ V/m)	Limit (dB μ V/m)	Margin (dB)	Result
5350.000	46.2	3.0	49.2	54.0	4.8	Complied
5351.282	46.4	3.0	49.4	54.0	4.6	Complied

**Upper Band Edge**

Transmitter Band Edge Radiated Emissions (5.25-5.35 GHz band operation) (continued)**Results: 802.11a / 20 MHz / MIMO / 4Tx CDD / QPSK / 12 Mbps / Port 1, 2, 3 & 4****Results: Lower Band Edge / Peak**

Frequency (MHz)	Level (dB μ V/m)	Limit (dB μ V/m)	Margin (dB)	Result
5149.615	57.0	74.0	17.0	Complied
5150.000	55.2	74.0	18.8	Complied

Results: Upper Band Edge / Peak

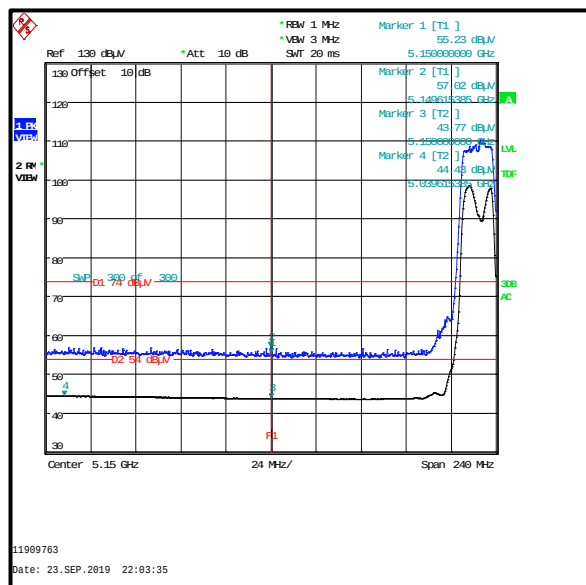
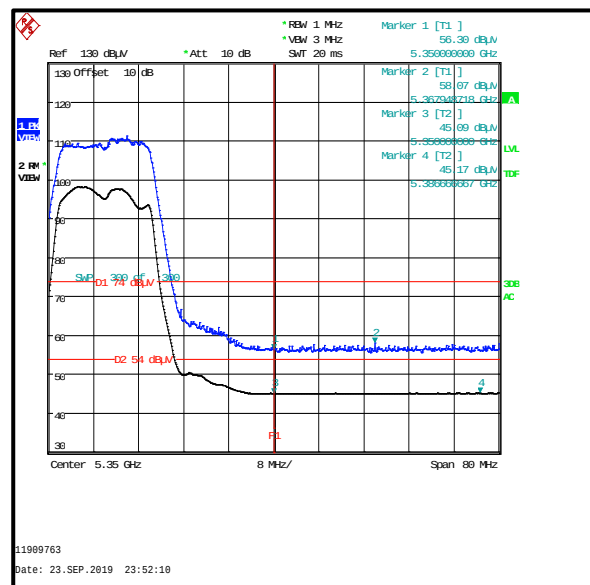
Frequency (MHz)	Level (dB μ V/m)	Limit (dB μ V/m)	Margin (dB)	Result
5350.000	56.3	74.0	17.7	Complied
5367.949	58.1	74.0	15.9	Complied

Results: Lower Band Edge / Average

Frequency (MHz)	Level (dB μ V/m)	Duty Cycle correction (dB)	Corrected Level (dB μ V/m)	Limit (dB μ V/m)	Margin (dB)	Result
5039.612	44.4	0.5	44.9	54.0	9.1	Complied
5150.000	43.8	0.5	44.3	54.0	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)	Limit (dB μ V/m)	Margin (dB)	Result
5350.000	45.1	0.4	45.5	54.0	8.5	Complied
5386.667	45.2	0.4	45.6	54.0	8.4	Complied

**Lower Band Edge****Upper Band Edge**

Transmitter Band Edge Radiated Emissions (5.25-5.35 GHz band operation) (continued)**Results: 802.11n / 20 MHz / MIMO / 4Tx CDD / QPSK / MCS1 / Port 1, 2, 3 & 4****Results: Lower Band Edge / Peak**

Frequency (MHz)	Level (dB μ V/m)	Limit (dB μ V/m)	Margin (dB)	Result
5046.538	57.1	74.0	16.9	Complied
5150.000	55.1	74.0	18.9	Complied

Results: Upper Band Edge / Peak

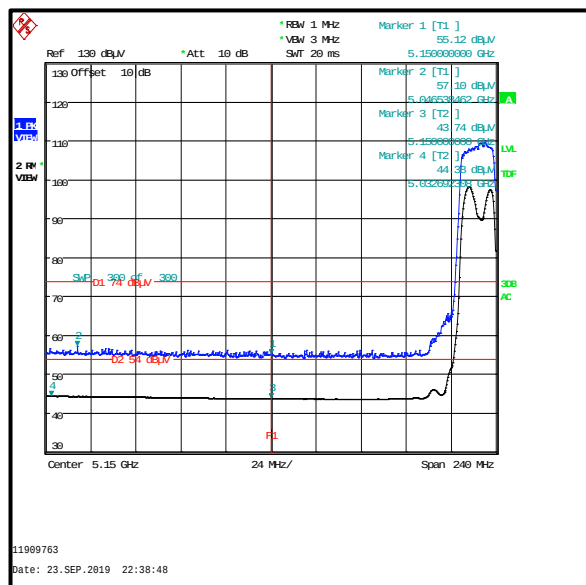
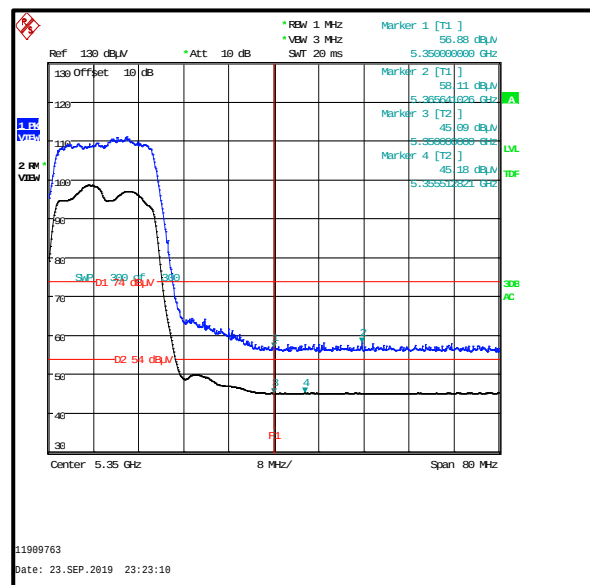
Frequency (MHz)	Level (dB μ V/m)	Limit (dB μ V/m)	Margin (dB)	Result
5350.000	56.9	74.0	17.1	Complied
5365.641	58.1	74.0	15.9	Complied

Results: Lower Band Edge / Average

Frequency (MHz)	Level (dB μ V/m)	Duty Cycle correction (dB)	Corrected Level (dB μ V/m)	Limit (dB μ V/m)	Margin (dB)	Result
5032.692	44.4	0.5	44.9	54.0	9.1	Complied
5150.000	43.7	0.5	44.2	54.0	9.8	Complied

Results: Upper Band Edge / Average

Frequency (MHz)	Level (dB μ V/m)	Duty Cycle correction (dB)	Corrected Level (dB μ V/m)	Limit (dB μ V/m)	Margin (dB)	Result
5350.000	45.1	0.6	45.7	54.0	8.3	Complied
5355.513	45.2	0.6	45.8	54.0	8.2	Complied

**Lower Band Edge****Upper Band Edge**

Transmitter Band Edge Radiated Emissions (5.25-5.35 GHz band operation) (continued)**Results: 802.11n / 20 MHz / MIMO / 4Tx CDD / QPSK / MCS2 / Port 1, 2, 3 & 4****Results: Lower Band Edge / Peak**

Frequency (MHz)	Level (dB μ V/m)	Limit (dB μ V/m)	Margin (dB)	Result
5053.077	57.3	74.0	16.7	Complied
5150.000	54.8	74.0	19.2	Complied

Results: Upper Band Edge / Peak

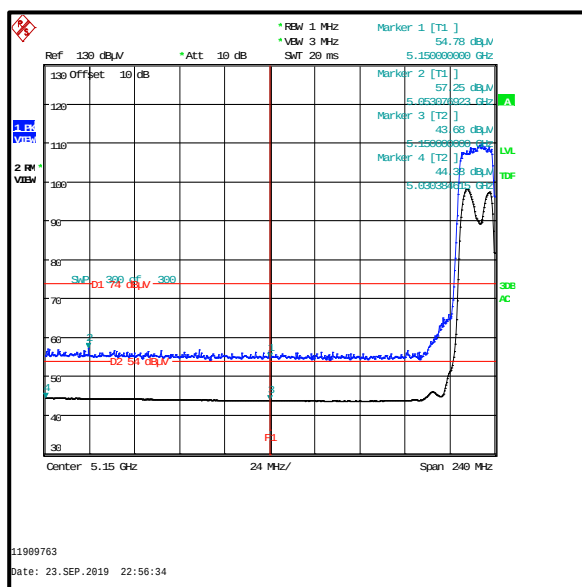
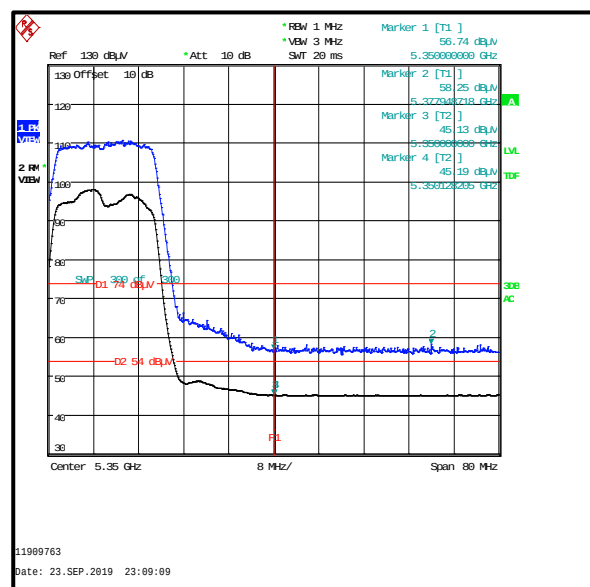
Frequency (MHz)	Level (dB μ V/m)	Limit (dB μ V/m)	Margin (dB)	Result
5350.000	56.7	74.0	17.3	Complied
5377.949	58.3	74.0	15.7	Complied

Results: Lower Band Edge / Average

Frequency (MHz)	Level (dB μ V/m)	Duty Cycle correction (dB)	Corrected Level (dB μ V/m)	Limit (dB μ V/m)	Margin (dB)	Result
5030.385	44.4	0.7	45.1	54.0	8.9	Complied
5150.000	43.7	0.7	44.4	54.0	9.6	Complied

Results: Upper Band Edge / Average

Frequency (MHz)	Level (dB μ V/m)	Duty Cycle correction (dB)	Corrected Level (dB μ V/m)	Limit (dB μ V/m)	Margin (dB)	Result
5350.000	45.1	0.7	45.8	54.0	8.2	Complied
5350.128	45.2	0.7	45.9	54.0	8.1	Complied

**Lower Band Edge****Upper Band Edge**

Transmitter Band Edge Radiated Emissions (5.25-5.35 GHz band operation) (continued)**Results: 802.11n / 40 MHz / MIMO / 4Tx CDD / 16-QAM / MCS3 / Port 1, 2, 3 & 4****Results: Lower Band Edge / Peak**

Frequency (MHz)	Level (dB μ V/m)	Limit (dB μ V/m)	Margin (dB)	Result
5037.821	57.5	74.0	16.5	Complied
5150.000	54.7	74.0	19.3	Complied

Results: Upper Band Edge / Peak

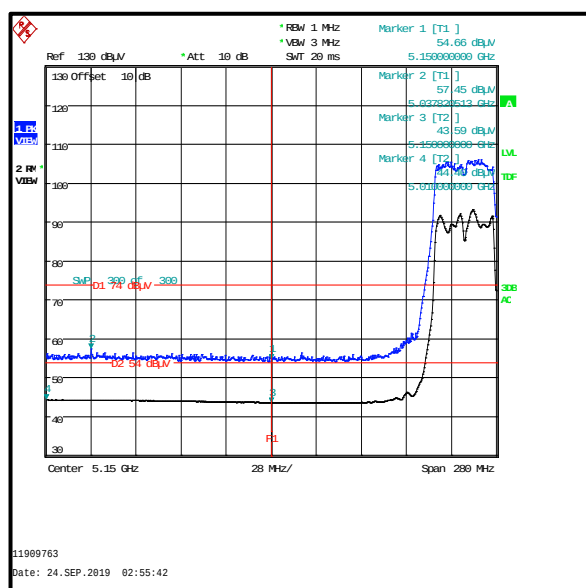
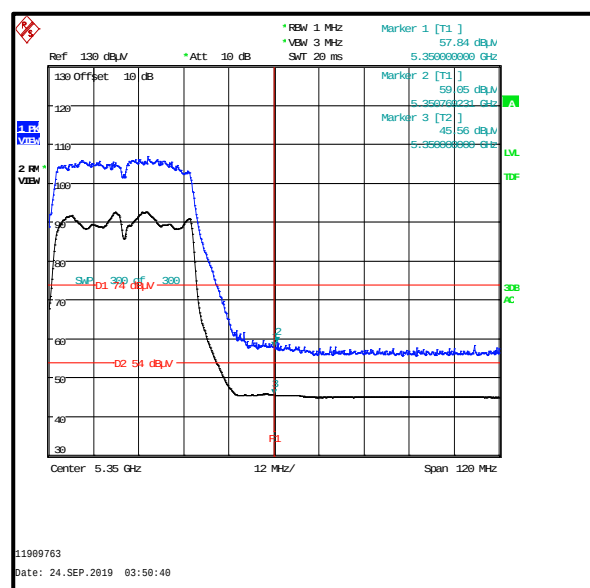
Frequency (MHz)	Level (dB μ V/m)	Limit (dB μ V/m)	Margin (dB)	Result
5350.000	57.8	74.0	16.2	Complied
5350.769	59.1	74.0	14.9	Complied

Results: Lower Band Edge / Average

Frequency (MHz)	Level (dB μ V/m)	Duty Cycle correction (dB)	Corrected Level (dB μ V/m)	Limit (dB μ V/m)	Margin (dB)	Result
5010.000	44.4	1.4	45.8	54.0	8.2	Complied
5150.000	43.6	1.4	45.0	54.0	9.0	Complied

Results: Upper Band Edge / Average

Frequency (MHz)	Level (dB μ V/m)	Duty Cycle correction (dB)	Corrected Level (dB μ V/m)	Limit (dB μ V/m)	Margin (dB)	Result
5350.000	45.6	1.4	47.0	54.0	7.0	Complied

**Lower Band Edge****Upper Band Edge**

Transmitter Band Edge Radiated Emissions (5.25-5.35 GHz band operation) (continued)**Results: 802.11n / 40 MHz / MIMO / 4Tx CDD / 64-QAM / MCS7 / Port 1, 2, 3 & 4****Results: Lower Band Edge / Peak**

Frequency (MHz)	Level (dB μ V/m)	Limit (dB μ V/m)	Margin (dB)	Result
5053.077	56.9	74.0	17.1	Complied
5150.000	54.5	74.0	19.5	Complied

Results: Upper Band Edge / Peak

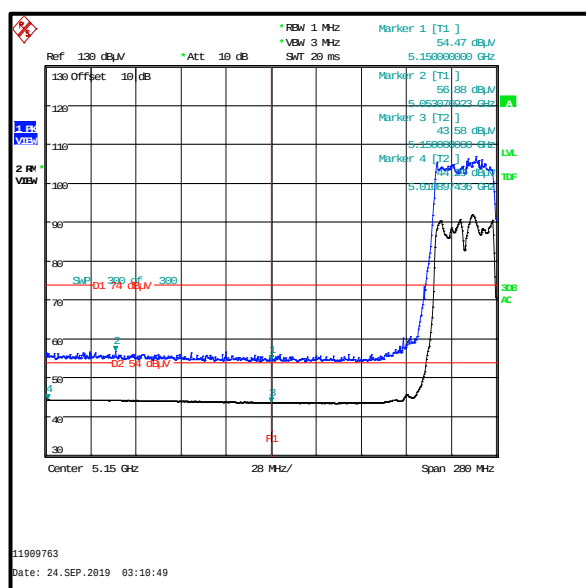
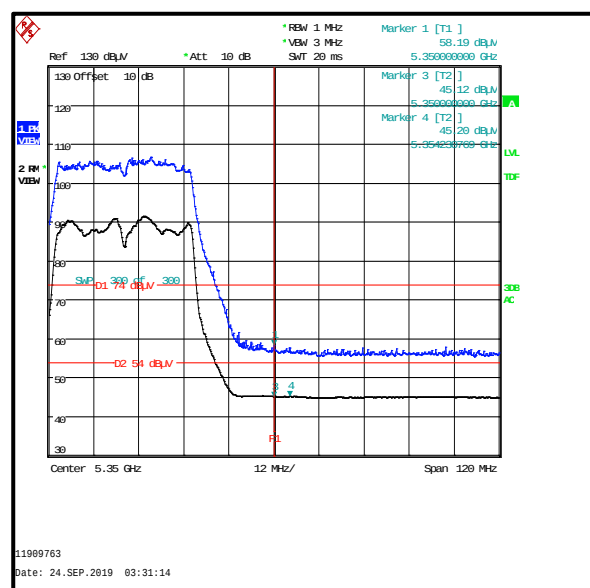
Frequency (MHz)	Level (dB μ V/m)	Limit (dB μ V/m)	Margin (dB)	Result
5350.000	58.2	74.0	15.8	Complied

Results: Lower Band Edge / Average

Frequency (MHz)	Level (dB μ V/m)	Duty Cycle correction (dB)	Corrected Level (dB μ V/m)	Limit (dB μ V/m)	Margin (dB)	Result
5010.897	44.3	2.5	46.8	54.0	7.2	Complied
5150.000	43.6	2.5	46.1	54.0	7.9	Complied

Results: Upper Band Edge / Average

Frequency (MHz)	Level (dB μ V/m)	Duty Cycle correction (dB)	Corrected Level (dB μ V/m)	Limit (dB μ V/m)	Margin (dB)	Result
5350.000	45.1	2.3	47.4	54.0	6.6	Complied
5354.231	45.2	2.3	47.5	54.0	6.5	Complied

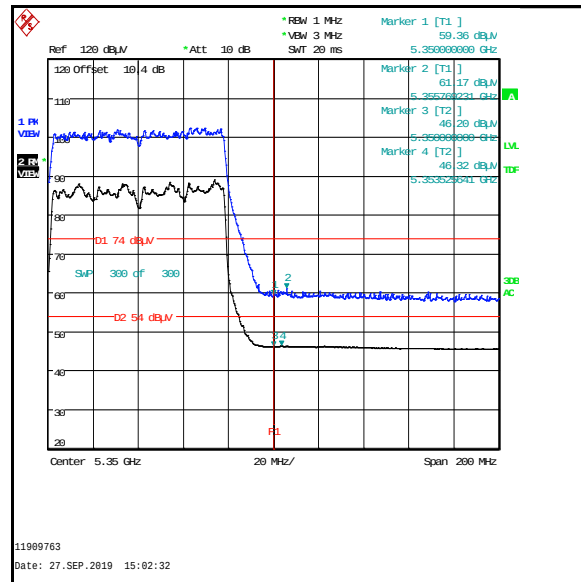
**Lower Band Edge****Upper Band Edge**

Transmitter Band Edge Radiated Emissions (5.25-5.35 GHz band operation) (continued)**Results: 802.11ac / 80 MHz / MIMO / 4Tx CDD / 16-QAM / MCS3x1 / Port 1, 2, 3 & 4****Results: Upper Band Edge / Peak**

Frequency (MHz)	Level (dB μ V/m)	Limit (dB μ V/m)	Margin (dB)	Result
5350.000	59.4	74.0	14.6	Complied
5355.769	61.2	74.0	12.8	Complied

Results: Upper Band Edge / Average

Frequency (MHz)	Level (dB μ V/m)	Duty Cycle correction (dB)	Corrected Level (dB μ V/m)	Limit (dB μ V/m)	Margin (dB)	Result
5350.000	46.2	3.0	49.2	54.0	4.8	Complied
5353.526	46.3	3.0	49.3	54.0	4.7	Complied

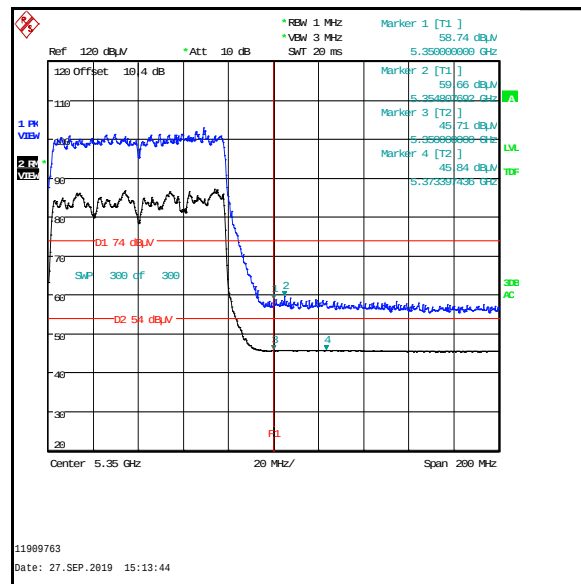
**Upper Band Edge**

Transmitter Band Edge Radiated Emissions (5.25-5.35 GHz band operation) (continued)**Results: 802.11ac / 80 MHz / MIMO / 4Tx CDD / 64-QAM / MCS6x1 / Port 1, 2, 3 & 4****Results: Upper Band Edge / Peak**

Frequency (MHz)	Level (dB μ V/m)	Limit (dB μ V/m)	Margin (dB)	Result
5350.000	58.7	74.0	15.3	Complied
5354.808	59.7	74.0	14.3	Complied

Results: Upper Band Edge / Average

Frequency (MHz)	Level (dB μ V/m)	Duty Cycle correction (dB)	Corrected Level (dB μ V/m)	Limit (dB μ V/m)	Margin (dB)	Result
5350.000	45.7	3.4	49.1	54.0	4.9	Complied
5373.397	45.8	3.4	49.2	54.0	4.8	Complied

**Upper Band Edge**

Transmitter Band Edge Radiated Emissions (5.47-5.725 GHz band)**5.3.2. 5.47-5.725 GHz band****Test Summary:**

Test Engineers:	John Ferdinand, Andrew Harding, Mark Perry & Mohammed Toubella	Test Dates:	15 September 2019 to 28 September 2019
Test Sample Serial Number:	2405066 & 2428534		

FCC Reference:	Parts 15.407(b)(3),(7), 15.205 & 15.209(a)
Test Method Used:	ANSI C63.10 Section 6.10 & KDB 789033 II.G.

Environmental Conditions:

Temperature (°C):	21 to 24
Relative Humidity (%):	41 to 52

Note(s):

1. Lower band edge measurements were performed with the EUT transmitting on the bottom channel. Upper band edge measurements were performed with the EUT transmitting on the top channel.
2. For transmitters operating in the 5.47-5.725 GHz band: all emissions outside of the 5.47-5.725 GHz band shall not exceed an EIRP of -27 dBm/MHz. However, there are restricted bands of operation below the lower band edge at 4.5-5.15 GHz and also at 5.35-5.46 GHz therefore the provisions of FCC Part 15.205 apply. Tests were performed in these restricted bands of operation with the EUT transmitting on the bottom and top channels within 5.47-5.725 GHz band.
3. For completeness, results are shown as EIRP in dBm and also as field strength in dBµV/m. Measured field strength was converted to EIRP in accordance with KDB 789033 II.G.2.c)(iii) using a conversion factor of 95.2.

Transmitter Band Edge Radiated Emissions (5.47-5.725 GHz band operation) (continued)**Note(s):**

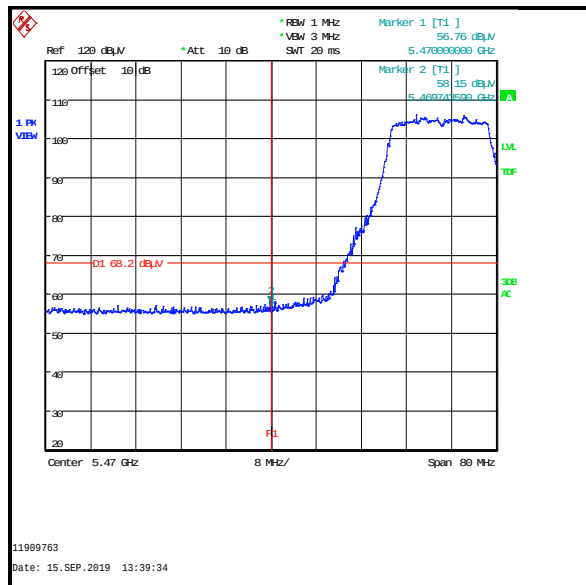
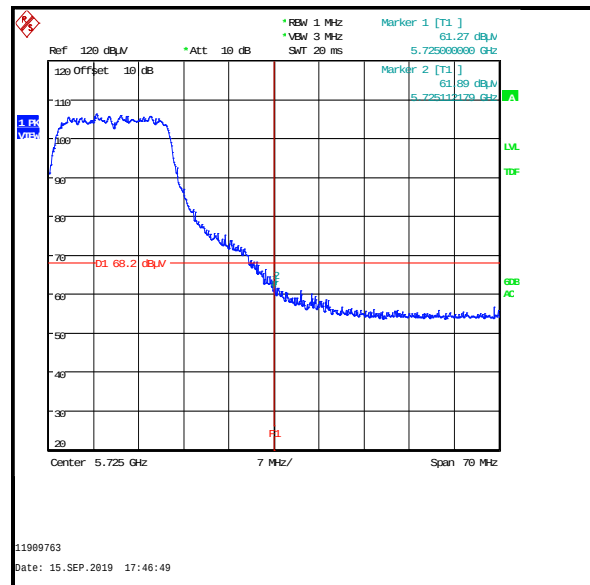
4. Measurements were performed in the EUT modes that produced the highest power and the widest bandwidths as these were deemed to be the worst case modes. The modes that produced the highest power and widest bandwidth were:

- o 802.11a SISO – 64-QAM / 48 Mbps / Port 1
- o 802.11a SISO – 64-QAM / 54 Mbps / Port 1
- o 802.11n HT20 SISO – QPSK / MCS2 / Port 1
- o 802.11n HT20 SISO – 64-QAM / MCS6 / Port 1
- o 802.11n HT40 SISO – 16-QAM / MCS3 / Port 1
- o 802.11n HT40 SISO – 16-QAM / MCS4 / Port 1
- o 802.11ac VHT80 SISO – QPSK / MCS1x1 / Port 1
- o 802.11ac VHT80 SISO – 256-QAM / MCS8x1 / Port 1
- o 802.11a MIMO – 64-QAM / 48 Mbps / 2Tx CDD / Ports 1 & 2
- o 802.11a MIMO – 64-QAM / 54 Mbps / 2Tx CDD / Ports 1 & 2
- o 802.11n HT20 MIMO – BPSK / MCS0 / 2Tx CDD / Ports 1 & 2
- o 802.11n HT20 MIMO – 16-QAM / MCS4 / 2Tx CDD / Ports 1 & 2
- o 802.11n HT40 MIMO – 64-QAM / MCS7 / 2Tx CDD / Ports 1 & 2
- o 802.11ac VHT80 MIMO – 64-QAM / MCS5x1 / 2Tx CDD / Ports 1 & 2
- o 802.11ac VHT80 MIMO – 256-QAM / MCS9x1 / 2Tx CDD / Ports 1 & 2
- o 802.11a MIMO – BPSK / 9 Mbps / 3Tx CDD / Ports 1, 2 & 3
- o 802.11a MIMO – QPSK / 12 Mbps / 3Tx CDD / Ports 1, 2 & 3
- o 802.11n HT20 MIMO – 16-QAM / MCS3 / 3Tx CDD / Ports 1, 2 & 3
- o 802.11n HT20 MIMO – 64-QAM / MCS7 / 3Tx CDD / Ports 1, 2 & 3
- o 802.11n HT40 MIMO – 16-QAM / MCS3 / 3Tx CDD / Ports 1, 2 & 3
- o 802.11n HT40 MIMO – 64-QAM / MCS5 / 3Tx CDD / Ports 1, 2 & 3
- o 802.11ac VHT80 MIMO – QPSK / MCS1x1 / 3Tx CDD / Ports 1, 2 & 3
- o 802.11ac VHT80 MIMO – QPSK / MCS2x1 / 3Tx CDD / Ports 1, 2 & 3
- o 802.11a MIMO – QPSK / 12 Mbps / 4Tx CDD / Ports 1, 2, 3 & 4
- o 802.11n HT20 MIMO – QPSK / MCS1 / 4Tx CDD / Ports 1, 2, 3 & 4
- o 802.11n HT20 MIMO – QPSK / MCS2 / 4Tx CDD / Ports 1, 2, 3 & 4
- o 802.11n HT40 MIMO – 16-QAM / MCS3 / 4Tx CDD / Ports 1, 2, 3 & 4
- o 802.11n HT40 MIMO – 16-QAM / MCS7 / 4Tx CDD / Ports 1, 2, 3 & 4
- o 802.11ac VHT80 MIMO – 16-QAM / MCS3x1 / 4Tx CDD / Ports 1, 2, 3 & 4
- o 802.11ac VHT80 MIMO – 64-QAM / MCS6x1 / 4Tx CDD / Ports 1, 2, 3 & 4

Transmitter Band Edge Radiated Emissions (5.47-5.725 GHz band operation) (continued)**Results: 802.11a / 20 MHz / SISO / 64-QAM / 48 Mbps / Port 1 / Peak**

Frequency (MHz)	Level (dBm)	Limit (dBm)	Margin (dB)	Result
5469.744	-37.0	-27.0	10.0	Complied
5470.000	-38.4	-27.0	11.4	Complied
5725.000	-33.9	-27.0	6.9	Complied
5725.112	-33.3	-27.0	6.3	Complied

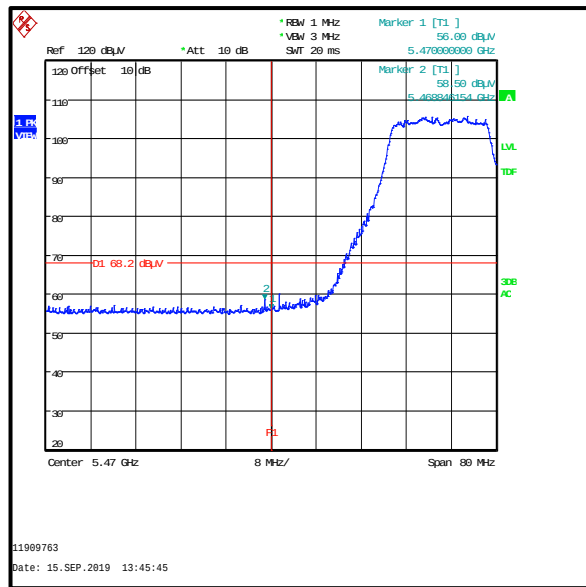
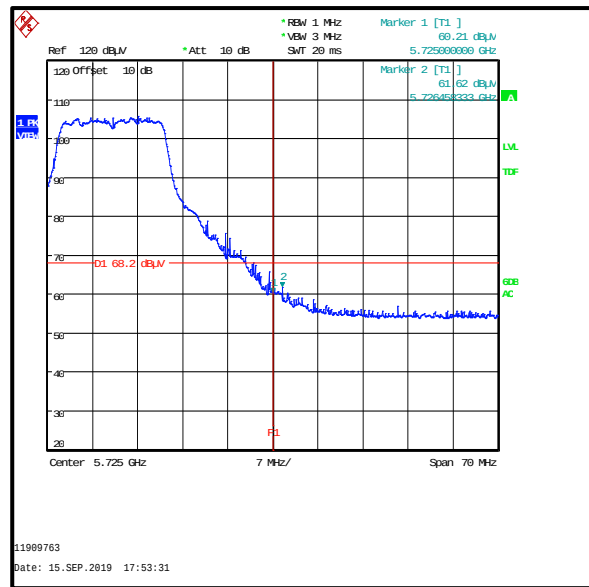
Frequency (MHz)	Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Result
5469.744	58.2	68.2	10.0	Complied
5470.000	56.8	68.2	11.4	Complied
5725.000	61.3	68.2	6.9	Complied
5725.112	61.9	68.2	6.3	Complied

**Lower Band Edge****Upper Band Edge**

Transmitter Band Edge Radiated Emissions (5.47-5.725 GHz band operation) (continued)**Results: 802.11a / 20 MHz / SISO / 64-QAM / 54 Mbps / Port 1 / Peak**

Frequency (MHz)	Level (dBm)	Limit (dBm)	Margin (dB)	Result
5468.846	-36.7	-27.0	9.7	Complied
5470.000	-39.2	-27.0	12.2	Complied
5725.000	-35.0	-27.0	8.0	Complied
5726.456	-33.6	-27.0	6.6	Complied

Frequency (MHz)	Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Result
5468.846	58.5	68.2	9.7	Complied
5470.000	56.0	68.2	12.2	Complied
5725.000	60.2	68.2	8.0	Complied
5726.456	61.6	68.2	6.6	Complied

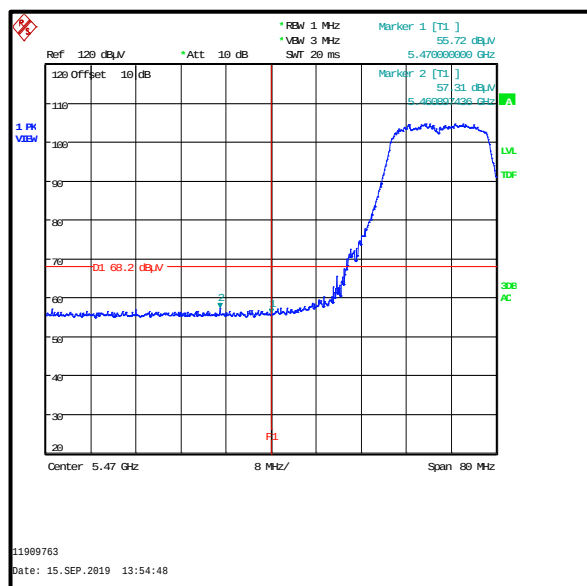
**Lower Band Edge****Upper Band Edge**

Transmitter Band Edge Radiated Emissions (5.47-5.725 GHz band operation) (continued)

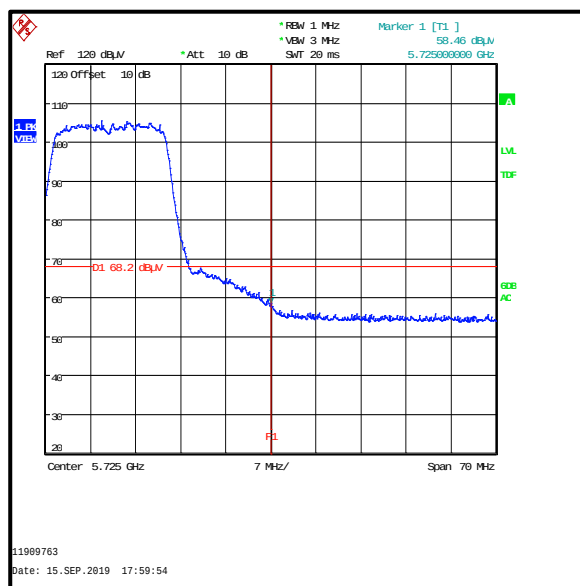
Results: 802.11n / 20 MHz / SISO / QPSK / MCS2 / Port 1 / Peak

Frequency (MHz)	Level (dBm)	Limit (dBm)	Margin (dB)	Result
5460.897	-37.9	-27.0	10.9	Complied
5470.000	-39.5	-27.0	12.5	Complied
5725.000	-36.7	-27.0	9.7	Complied

Frequency (MHz)	Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Result
5460.897	57.3	68.2	10.9	Complied
5470.000	55.7	68.2	12.5	Complied
5725.000	58.5	68.2	9.7	Complied



Lower Band Edge



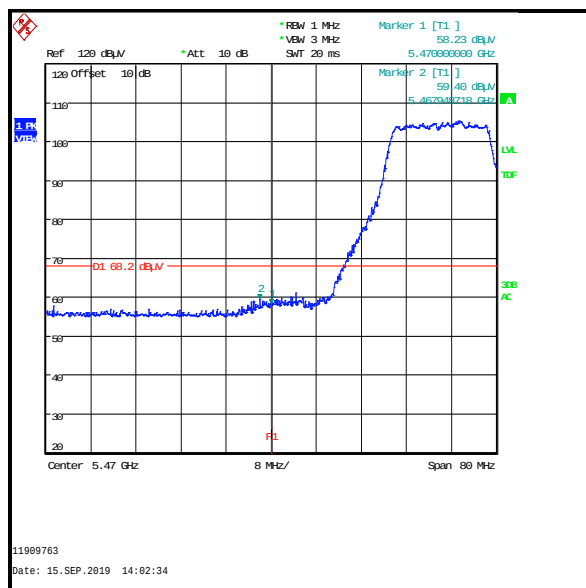
Upper Band Edge

Transmitter Band Edge Radiated Emissions (5.47-5.725 GHz band operation) (continued)

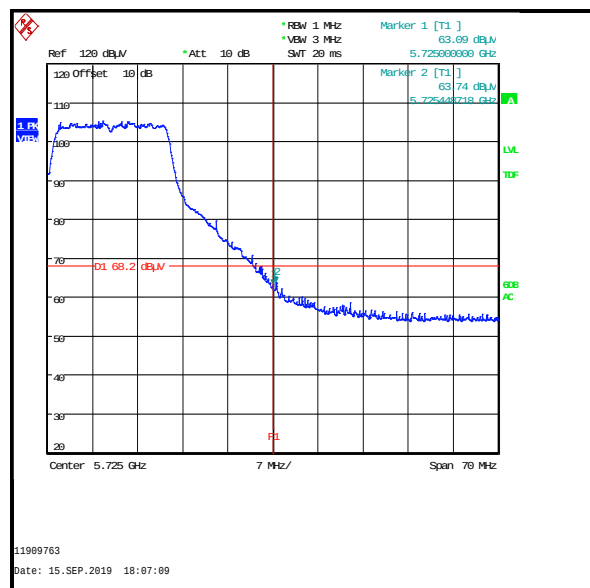
Results: 802.11n / 20 MHz / SISO / 64-QAM / MCS6 / Port 1 / Peak

Frequency (MHz)	Level (dBm)	Limit (dBm)	Margin (dB)	Result
5467.949	-35.8	-27.0	8.8	Complied
5470.000	-37.0	-27.0	10.0	Complied
5725.000	-32.1	-27.0	5.1	Complied
5725.449	-31.5	-27.0	4.5	Complied

Frequency (MHz)	Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Result
5467.949	59.4	68.2	8.8	Complied
5470.000	58.2	68.2	10.0	Complied
5725.000	63.1	68.2	5.1	Complied
5725.449	63.7	68.2	4.5	Complied



Lower Band Edge

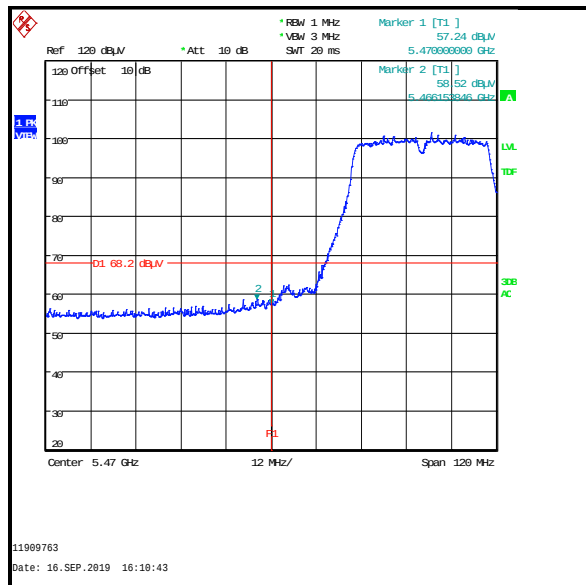
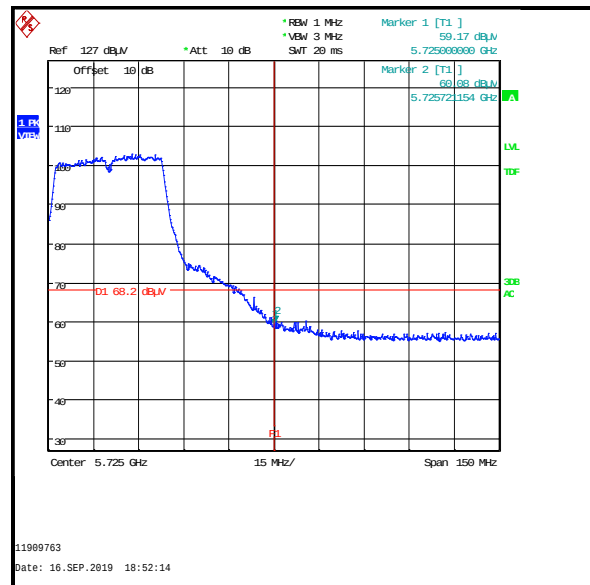


Upper Band Edge

Transmitter Band Edge Radiated Emissions (5.47-5.725 GHz band operation) (continued)**Results: 802.11n / 40 MHz / SISO / 16-QAM / MCS3 / Port 1 / Peak**

Frequency (MHz)	Level (dBm)	Limit (dBm)	Margin (dB)	Result
5466.154	-36.7	-27.0	9.7	Complied
5470.000	-38.0	-27.0	11.0	Complied
5725.000	-36.0	-27.0	9.0	Complied
5725.721	-35.1	-27.0	8.1	Complied

Frequency (MHz)	Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Result
5466.154	58.5	68.2	9.7	Complied
5470.000	57.2	68.2	11.0	Complied
5725.000	59.2	68.2	9.0	Complied
5725.721	60.1	68.2	8.1	Complied

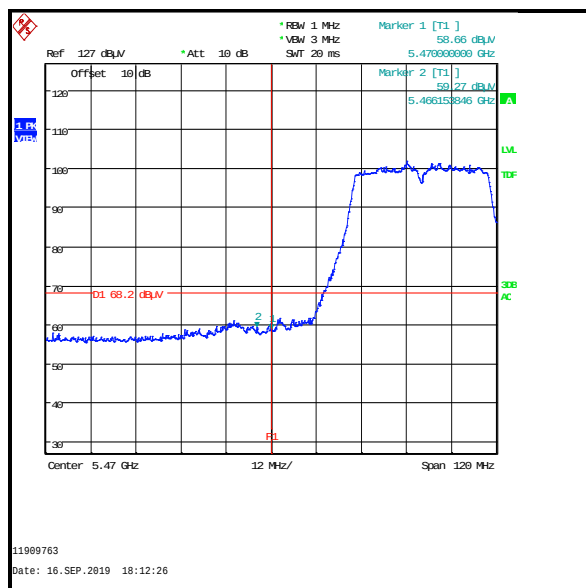
**Lower Band Edge****Upper Band Edge**

Transmitter Band Edge Radiated Emissions (5.47-5.725 GHz band operation) (continued)

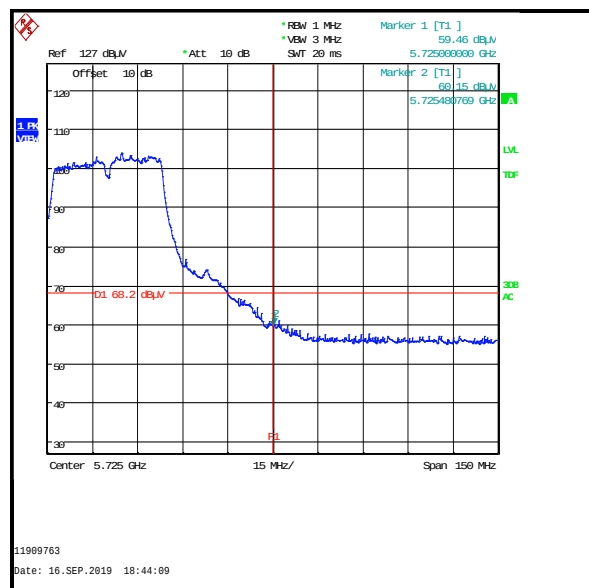
Results: 802.11n / 40 MHz / SISO / 16-QAM / MCS4 / Port 1 / Peak

Frequency (MHz)	Level (dBm)	Limit (dBm)	Margin (dB)	Result
5466.153	-35.9	-27.0	8.9	Complied
5470.000	-36.5	-27.0	9.5	Complied
5725.000	-35.7	-27.0	8.7	Complied
5725.481	-35.0	-27.0	8.0	Complied

Frequency (MHz)	Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Result
5466.153	59.3	68.2	8.9	Complied
5470.000	58.7	68.2	9.5	Complied
5725.000	59.5	68.2	8.7	Complied
5725.481	60.2	68.2	8.0	Complied



Lower Band Edge

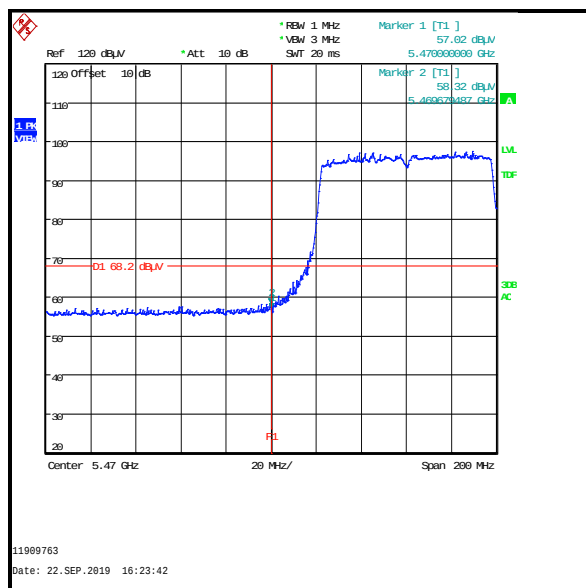
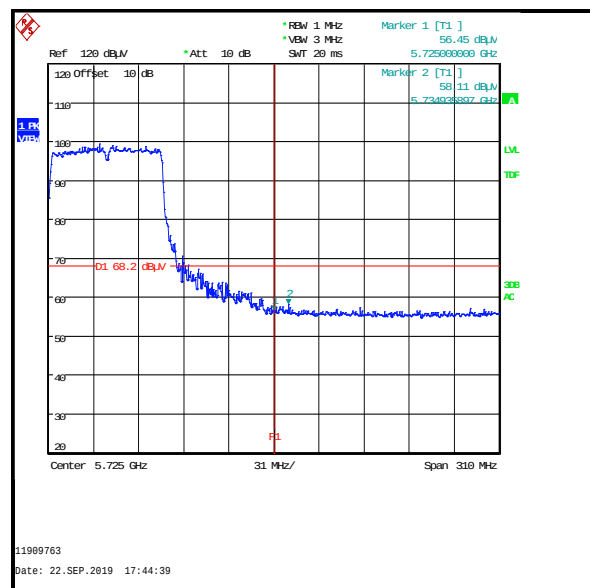


Upper Band Edge

Transmitter Band Edge Radiated Emissions (5.47-5.725 GHz band operation) (continued)**Results: 802.11ac / 80 MHz / SISO / QPSK / MCS1x1 / Port 1 / Peak**

Frequency (MHz)	Level (dBm)	Limit (dBm)	Margin (dB)	Result
5469.680	-36.9	-27.0	9.9	Complied
5470.000	-38.2	-27.0	11.2	Complied
5725.000	-38.7	-27.0	11.7	Complied
5734.936	-37.1	-27.0	10.1	Complied

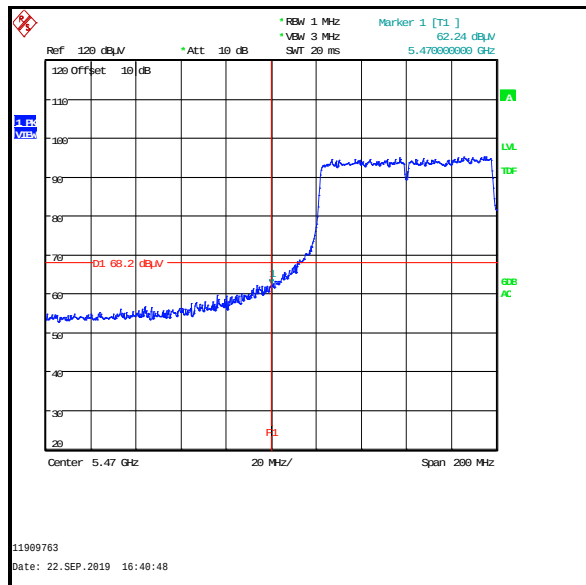
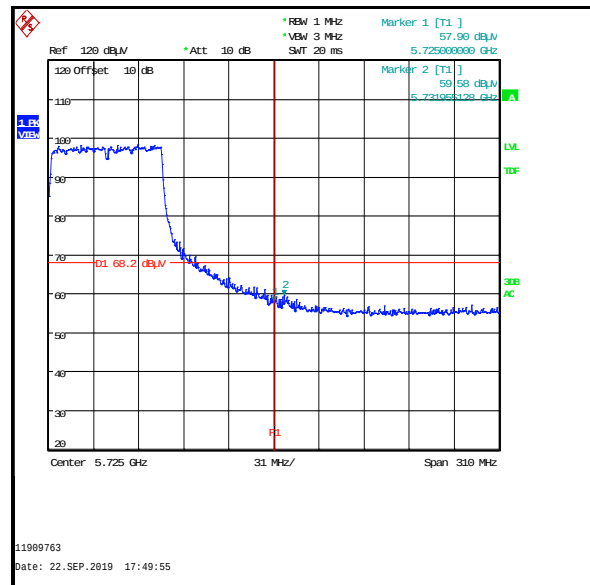
Frequency (MHz)	Level (dB μ V/m)	Limit (dB μ V/m)	Margin (dB)	Result
5469.680	58.3	68.2	9.9	Complied
5470.000	57.0	68.2	11.2	Complied
5725.000	56.5	68.2	11.7	Complied
5734.936	58.1	68.2	10.1	Complied

**Lower Band Edge****Upper Band Edge**

Transmitter Band Edge Radiated Emissions (5.47-5.725 GHz band operation) (continued)**Results: 802.11ac / 80 MHz / SISO / 256-QAM / MCS8x1 / Port 1 / Peak**

Frequency (MHz)	Level (dBm)	Limit (dBm)	Margin (dB)	Result
5470.000	-33.0	-27.0	6.0	Complied
5725.000	-37.3	-27.0	10.3	Complied
5731.955	-35.6	-27.0	8.6	Complied

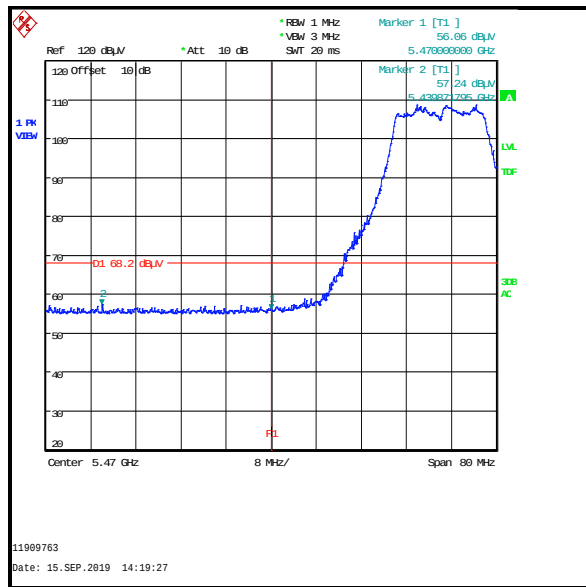
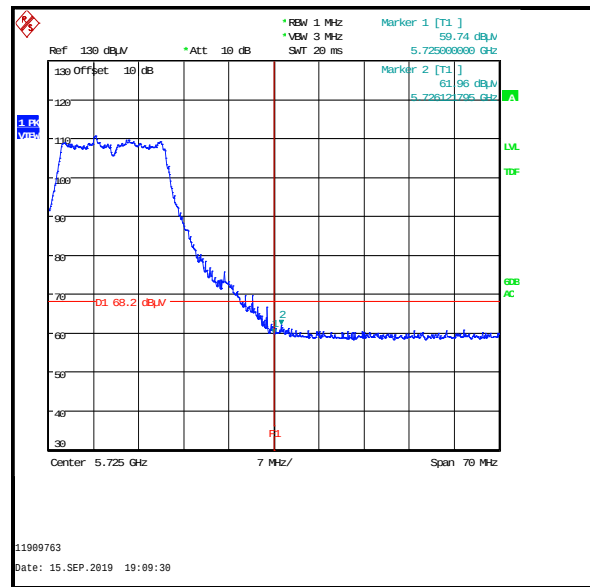
Frequency (MHz)	Level (dB μ V/m)	Limit (dB μ V/m)	Margin (dB)	Result
5470.000	62.2	68.2	6.0	Complied
5725.000	57.9	68.2	10.3	Complied
5731.955	59.6	68.2	8.6	Complied

**Lower Band Edge****Upper Band Edge**

Transmitter Band Edge Radiated Emissions (5.47-5.725 GHz band operation) (continued)**Results: 802.11a / 20 MHz / MIMO / 2Tx CDD / 64-QAM / 48 Mbps / Port 1 & 2 / Peak**

Frequency (MHz)	Level (dBm)	Limit (dBm)	Margin (dB)	Result
5439.871	-38.0	-27.0	11.0	Complied
5470.000	-39.1	-27.0	12.1	Complied
5725.000	-35.5	-27.0	8.5	Complied
5726.122	-33.2	-27.0	6.2	Complied

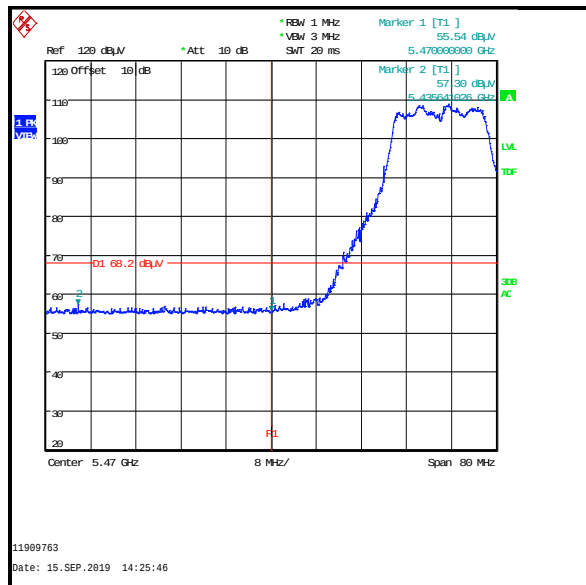
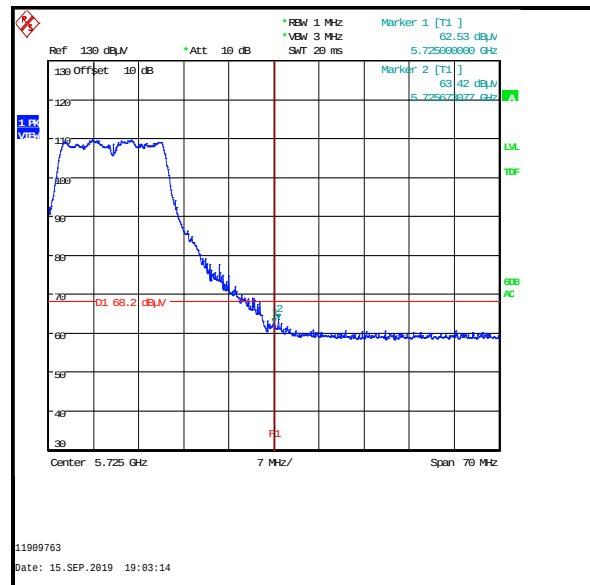
Frequency (MHz)	Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Result
5439.871	57.2	68.2	11.0	Complied
5470.000	56.1	68.2	12.1	Complied
5725.000	59.7	68.2	8.5	Complied
5726.122	62.0	68.2	6.2	Complied

**Lower Band Edge****Upper Band Edge**

Transmitter Band Edge Radiated Emissions (5.47-5.725 GHz band operation) (continued)**Results: 802.11a / 20 MHz / MIMO / 2Tx CDD / 64-QAM / 54 Mbps / Port 1 & 2 / Peak**

Frequency (MHz)	Level (dBm)	Limit (dBm)	Margin (dB)	Result
5435.461	-37.9	-27.0	10.9	Complied
5470.000	-39.7	-27.0	12.7	Complied
5725.000	-32.7	-27.0	5.7	Complied
5725.673	-31.8	-27.0	4.8	Complied

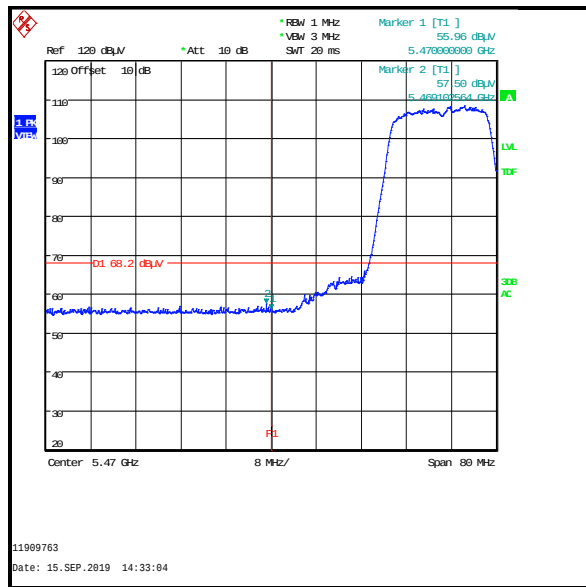
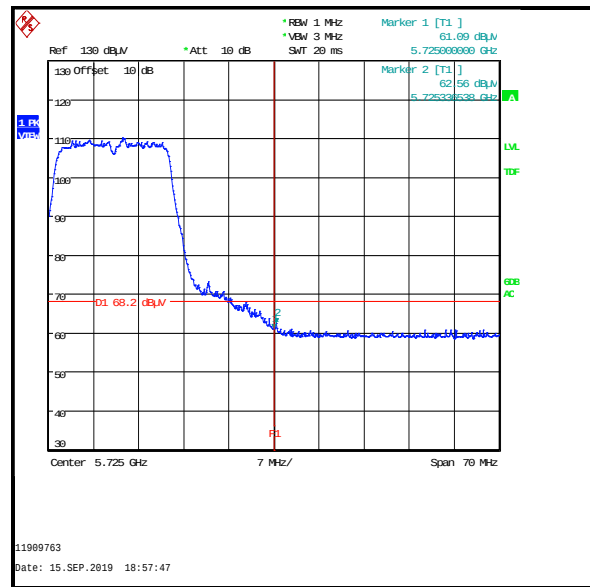
Frequency (MHz)	Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Result
5435.461	57.3	68.2	10.9	Complied
5470.000	55.5	68.2	12.7	Complied
5725.000	62.5	68.2	5.7	Complied
5725.673	63.4	68.2	4.8	Complied

**Lower Band Edge****Upper Band Edge**

Transmitter Band Edge Radiated Emissions (5.47-5.725 GHz band operation) (continued)**Results: 802.11n / 20 MHz / MIMO / 2Tx CDD / BPSK / MCS0 / Port 1 & 2 / Peak**

Frequency (MHz)	Level (dBm)	Limit (dBm)	Margin (dB)	Result
5469.103	-37.7	-27.0	10.7	Complied
5470.000	-39.2	-27.0	12.2	Complied
5725.000	-34.1	-27.0	7.1	Complied
5725.337	-32.6	-27.0	5.6	Complied

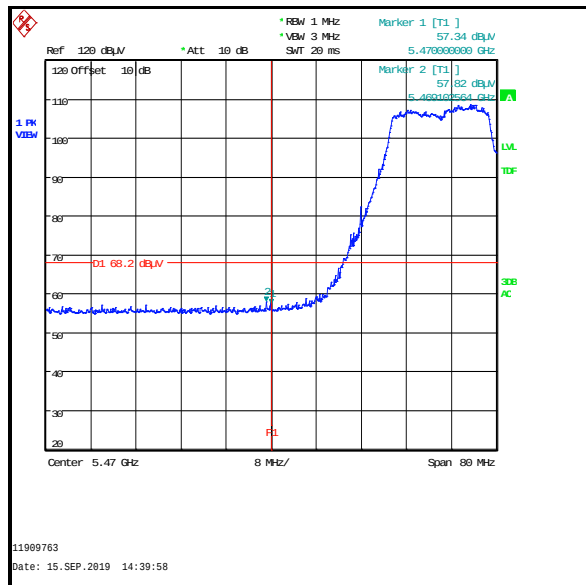
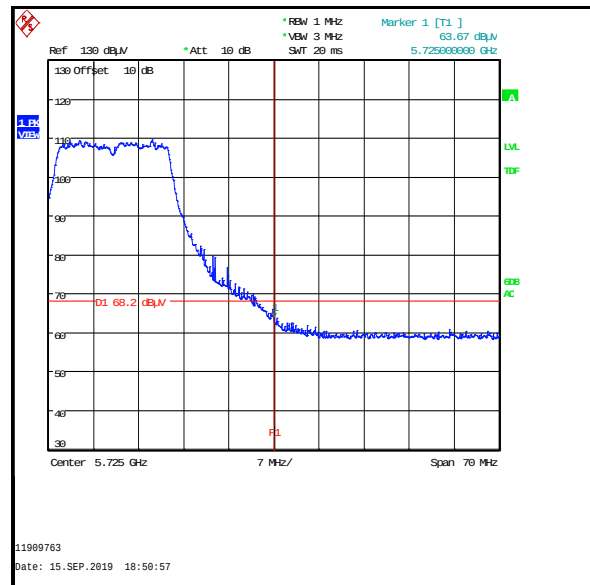
Frequency (MHz)	Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Result
5469.103	57.5	68.2	10.7	Complied
5470.000	56.0	68.2	12.2	Complied
5725.000	61.1	68.2	7.1	Complied
5725.337	62.6	68.2	5.6	Complied

**Lower Band Edge****Upper Band Edge**

Transmitter Band Edge Radiated Emissions (5.47-5.725 GHz band operation) (continued)**Results: 802.11n / 20 MHz / MIMO / 2Tx CDD / 16-QAM / MCS4 / Port 1 & 2 / Peak**

Frequency (MHz)	Level (dBm)	Limit (dBm)	Margin (dB)	Result
5469.103	-37.4	-27.0	10.4	Complied
5470.000	-37.9	-27.0	10.9	Complied
5725.000	-31.5	-27.0	4.5	Complied

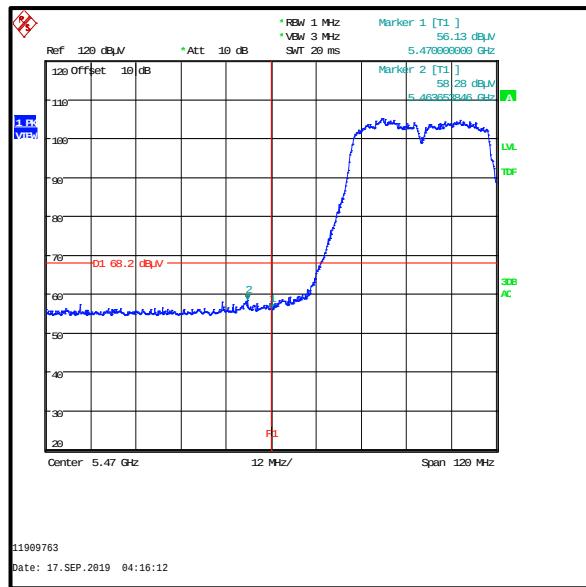
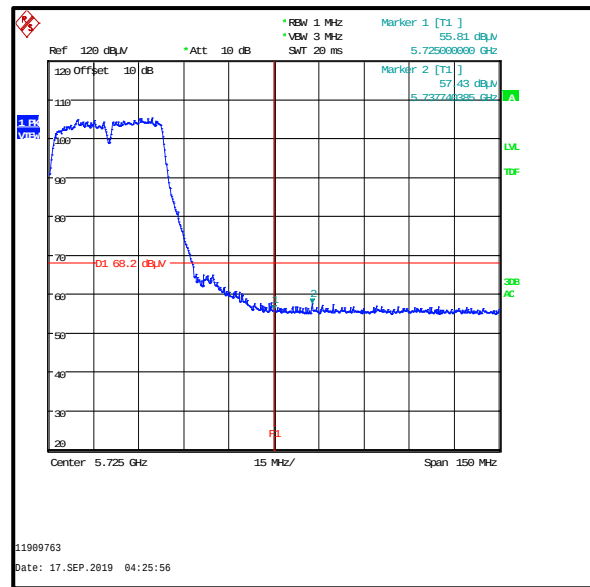
Frequency (MHz)	Level (dB μ V/m)	Limit (dB μ V/m)	Margin (dB)	Result
5469.103	57.8	68.2	10.4	Complied
5470.000	57.3	68.2	10.9	Complied
5725.000	63.7	68.2	4.5	Complied

**Lower Band Edge****Upper Band Edge**

Transmitter Band Edge Radiated Emissions (5.47-5.725 GHz band operation) (continued)**Results: 802.11n / 40 MHz / MIMO / 2Tx CDD / 64-QAM / MCS6 / Port 1 & 2 / Peak**

Frequency (MHz)	Level (dBm)	Limit (dBm)	Margin (dB)	Result
5463.654	-36.9	-27.0	9.9	Complied
5470.000	-39.1	-27.0	12.1	Complied
5725.000	-39.4	-27.0	12.4	Complied
5737.740	-37.8	-27.0	10.8	Complied

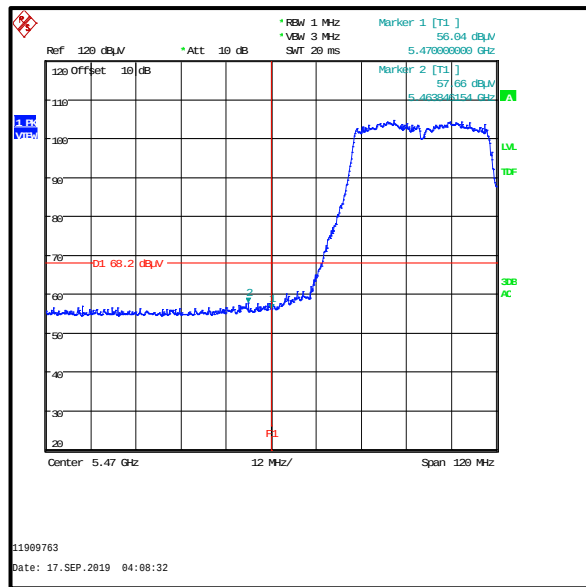
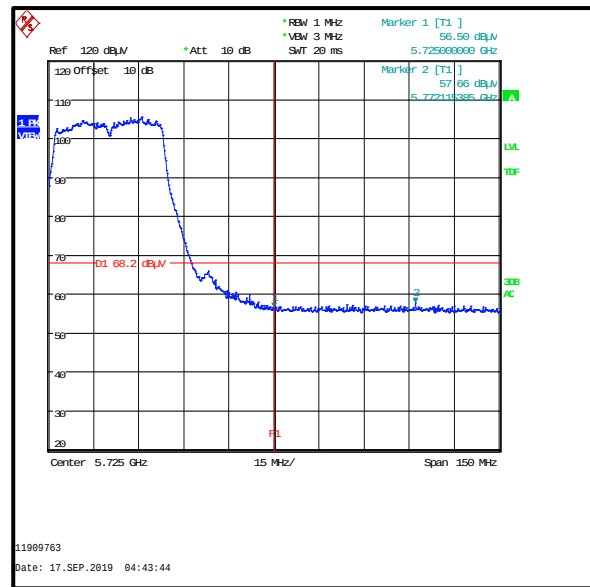
Frequency (MHz)	Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Result
5463.654	58.3	68.2	9.9	Complied
5470.000	56.1	68.2	12.1	Complied
5725.000	55.8	68.2	12.4	Complied
5737.740	57.4	68.2	10.8	Complied

**Lower Band Edge****Upper Band Edge**

Transmitter Band Edge Radiated Emissions (5.47-5.725 GHz band operation) (continued)**Results: 802.11n / 40 MHz / MIMO / 2Tx CDD / 64-QAM / MCS7 / Port 1 & 2 / Peak**

Frequency (MHz)	Level (dBm)	Limit (dBm)	Margin (dB)	Result
5463.846	-37.5	-27.0	10.5	Complied
5470.000	-39.2	-27.0	12.2	Complied
5725.000	-38.7	-27.0	11.7	Complied
5772.115	-37.5	-27.0	10.5	Complied

Frequency (MHz)	Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Result
5463.846	57.7	68.2	10.5	Complied
5470.000	56.0	68.2	12.2	Complied
5725.000	56.5	68.2	11.7	Complied
5772.115	57.7	68.2	10.5	Complied

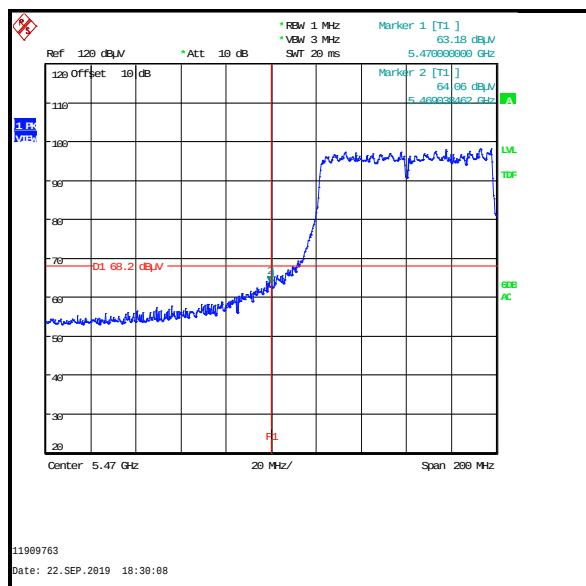
**Lower Band Edge****Upper Band Edge**

Transmitter Band Edge Radiated Emissions (5.47-5.725 GHz band operation) (continued)

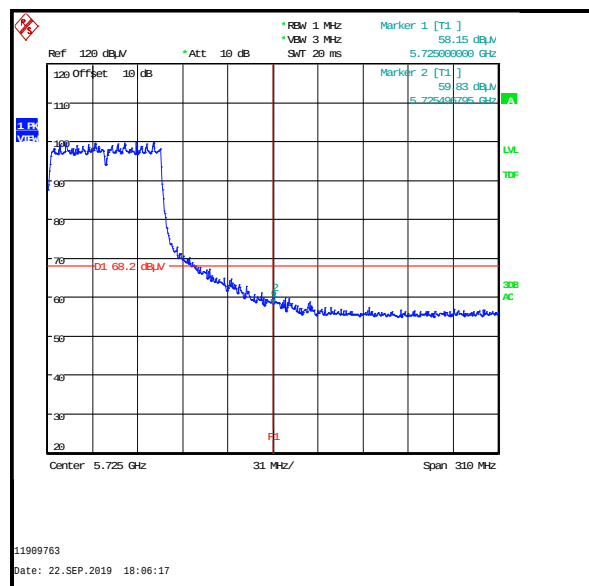
Results: 802.11ac / 80 MHz / MIMO / 2Tx CDD / 64-QAM / MCS5x1 / Port 1 & 2 / Peak

Frequency (MHz)	Level (dBm)	Limit (dBm)	Margin (dB)	Result
5469.039	-31.1	-27.0	4.1	Complied
5470.000	-32.0	-27.0	5.0	Complied
5725.000	-37.0	-27.0	10.0	Complied
5725.497	-35.4	-27.0	8.4	Complied

Frequency (MHz)	Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Result
5469.039	64.1	68.2	4.1	Complied
5470.000	63.2	68.2	5.0	Complied
5725.000	58.2	68.2	10.0	Complied
5725.497	59.8	68.2	8.4	Complied



Lower Band Edge

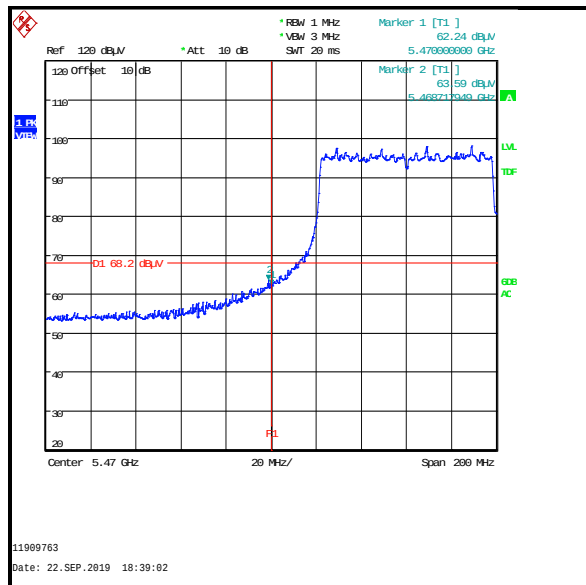
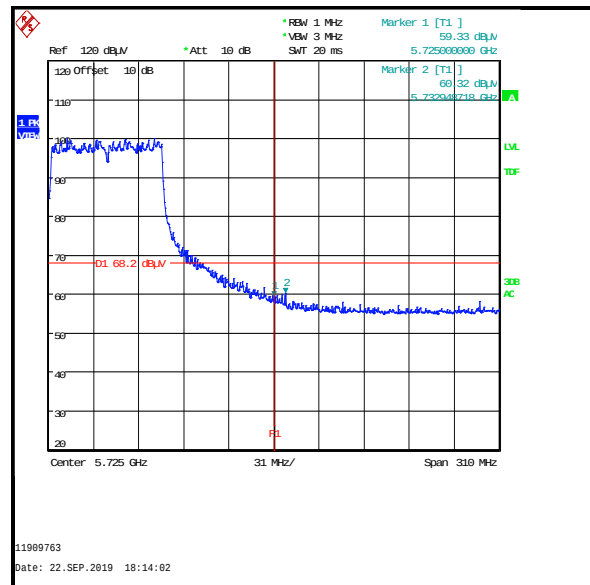


Upper Band Edge

Transmitter Band Edge Radiated Emissions (5.47-5.725 GHz band operation) (continued)**Results: 802.11ac / 80 MHz / MIMO / 2Tx CDD / 256-QAM / MCS9x1 / Port 1 & 2 / Peak**

Frequency (MHz)	Level (dB μ V/m)	Limit (dB μ V/m)	Margin (dB)	Result
5468.718	-31.6	-27.0	4.6	Complied
5470.000	-33.0	-27.0	6.0	Complied
5725.000	-35.9	-27.0	8.9	Complied
5732.949	-34.9	-27.0	7.9	Complied

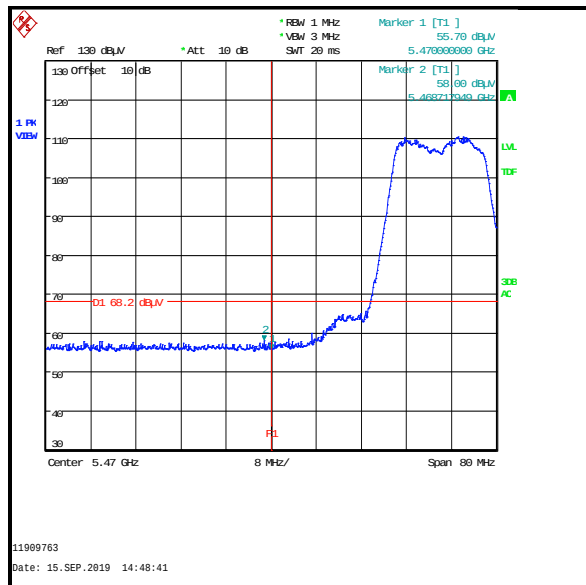
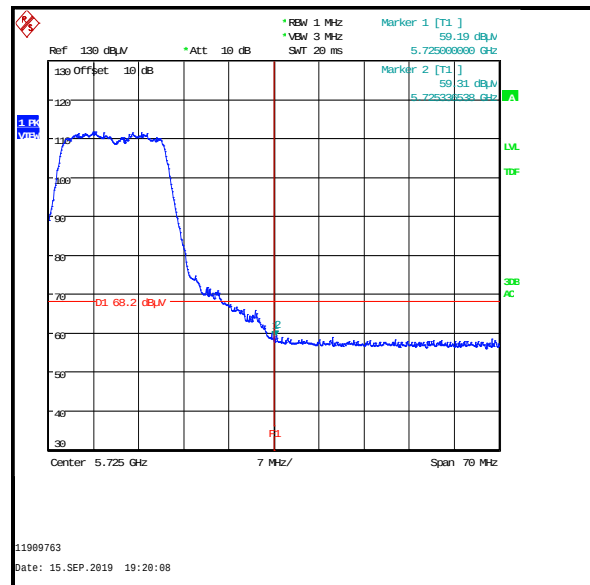
Frequency (MHz)	Level (dB μ V/m)	Limit (dB μ V/m)	Margin (dB)	Result
5468.718	63.6	68.2	4.6	Complied
5470.000	62.2	68.2	6.0	Complied
5725.000	59.3	68.2	8.9	Complied
5732.949	60.3	68.2	7.9	Complied

**Lower Band Edge****Upper Band Edge**

Transmitter Band Edge Radiated Emissions (5.47-5.725 GHz band operation) (continued)**Results: 802.11a / 20 MHz / MIMO / 3Tx CDD / BPSK / 9 Mbps / Port 1, 2 & 3 / Peak**

Frequency (MHz)	Level (dB μ V/m)	Limit (dB μ V/m)	Margin (dB)	Result
5468.718	-37.2	-27.0	10.2	Complied
5470.000	-39.5	-27.0	12.5	Complied
5725.000	-36.0	-27.0	9.0	Complied
5725.337	-35.9	-27.0	8.9	Complied

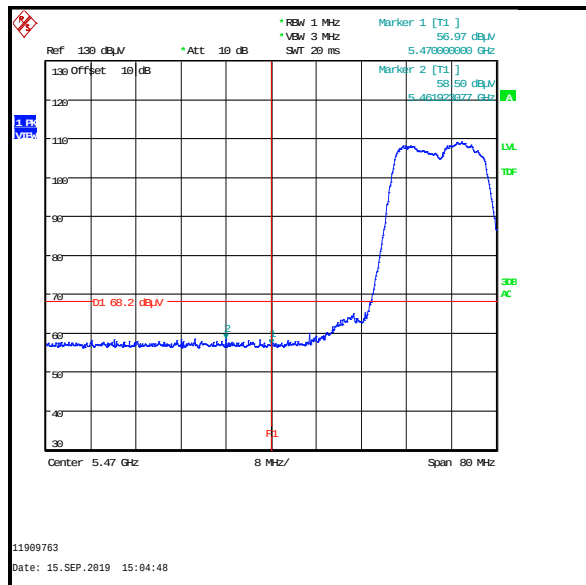
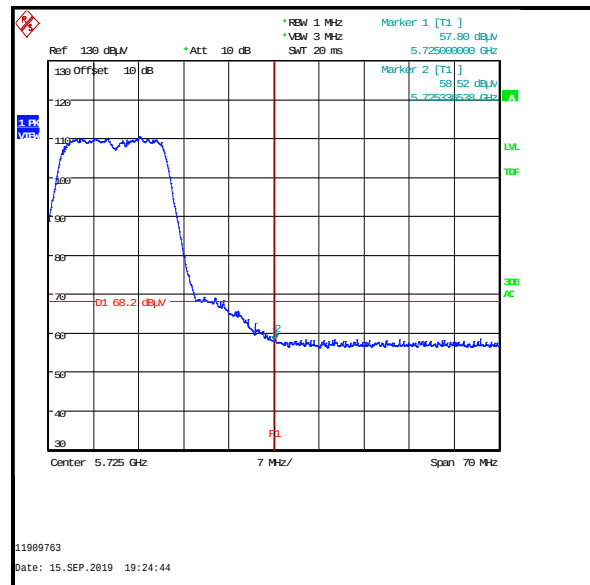
Frequency (MHz)	Level (dB μ V/m)	Limit (dB μ V/m)	Margin (dB)	Result
5468.718	58.0	68.2	10.2	Complied
5470.000	55.7	68.2	12.5	Complied
5725.000	59.2	68.2	9.0	Complied
5725.337	59.3	68.2	8.9	Complied

**Lower Band Edge****Upper Band Edge**

Transmitter Band Edge Radiated Emissions (5.47-5.725 GHz band operation) (continued)**Results: 802.11a / 20 MHz / MIMO / 3Tx CDD / BPSK / 12 Mbps / Port 1, 2 & 3 / Peak**

Frequency (MHz)	Level (dB μ V/m)	Limit (dB μ V/m)	Margin (dB)	Result
5461.923	-36.7	-27.0	9.7	Complied
5470.000	-38.2	-27.0	11.2	Complied
5725.000	-37.4	-27.0	10.4	Complied
5725.337	-36.7	-27.0	9.7	Complied

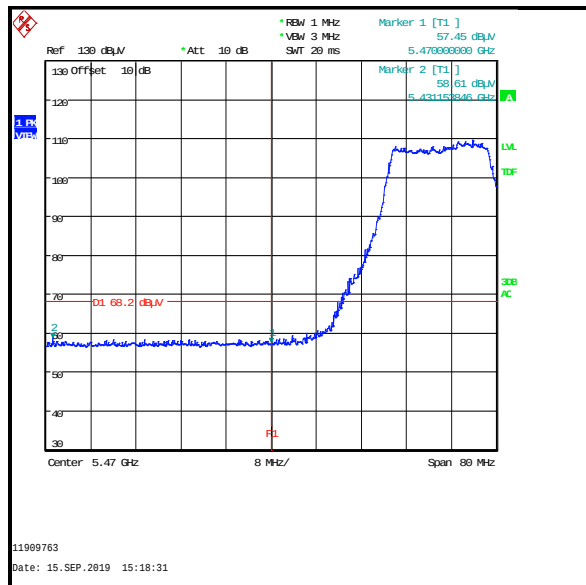
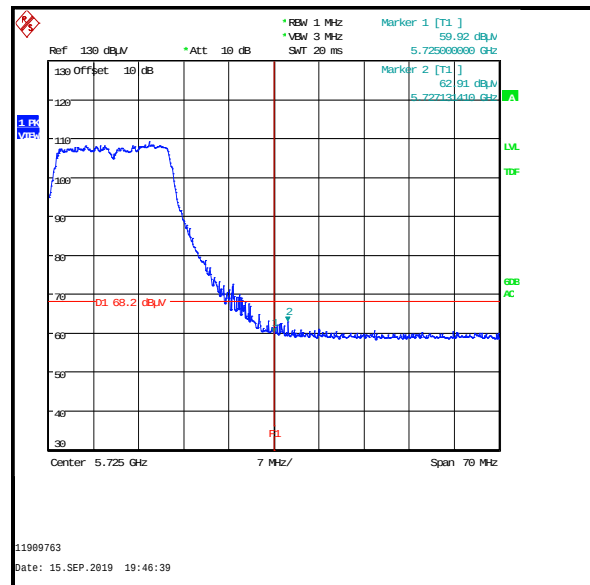
Frequency (MHz)	Level (dB μ V/m)	Limit (dB μ V/m)	Margin (dB)	Result
5461.923	58.5	68.2	9.7	Complied
5470.000	57.0	68.2	11.2	Complied
5725.000	57.8	68.2	10.4	Complied
5725.337	58.5	68.2	9.7	Complied

**Lower Band Edge****Upper Band Edge**

Transmitter Band Edge Radiated Emissions (5.47-5.725 GHz band operation) (continued)**Results: 802.11n / 20 MHz / MIMO / 3Tx CDD / 16-QAM / MCS3 / Port 1, 2 & 3 / Peak**

Frequency (MHz)	Level (dB μ V/m)	Limit (dB μ V/m)	Margin (dB)	Result
5431.154	-36.6	-27.0	9.6	Complied
5470.000	-37.7	-27.0	10.7	Complied
5725.000	-35.3	-27.0	8.3	Complied
5727.131	-32.3	-27.0	5.3	Complied

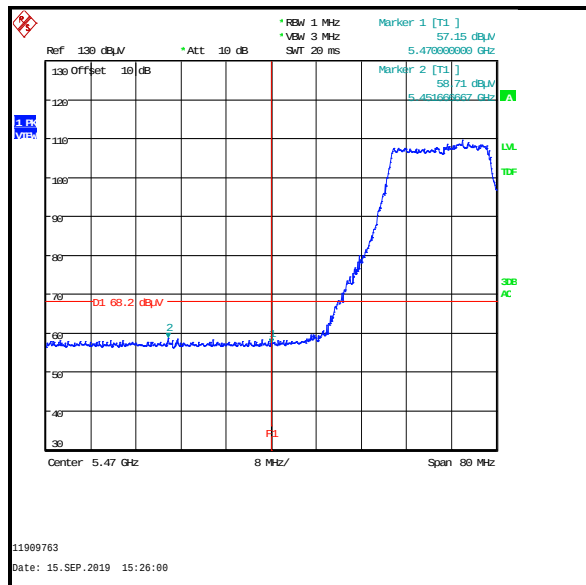
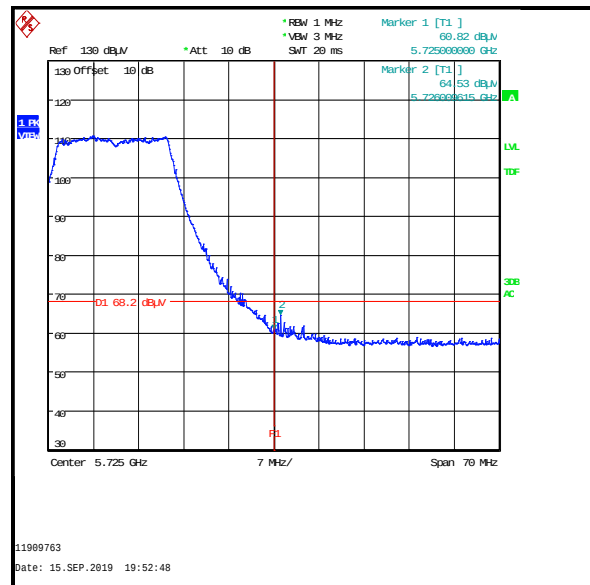
Frequency (MHz)	Level (dB μ V/m)	Limit (dB μ V/m)	Margin (dB)	Result
5431.154	58.6	68.2	9.6	Complied
5470.000	57.5	68.2	10.7	Complied
5725.000	59.9	68.2	8.3	Complied
5727.131	62.9	68.2	5.3	Complied

**Lower Band Edge****Upper Band Edge**

Transmitter Band Edge Radiated Emissions (5.47-5.725 GHz band operation) (continued)**Results: 802.11n / 20 MHz / MIMO / 3Tx CDD / 64-QAM / MCS7 / Port 1, 2 & 3 / Peak**

Frequency (MHz)	Level (dB μ V/m)	Limit (dB μ V/m)	Margin (dB)	Result
5451.667	-36.5	-27.0	9.5	Complied
5470.000	-38.0	-27.0	11.0	Complied
5725.000	-34.4	-27.0	7.4	Complied
5726.010	-30.7	-27.0	3.7	Complied

Frequency (MHz)	Level (dB μ V/m)	Limit (dB μ V/m)	Margin (dB)	Result
5451.667	58.7	68.2	9.5	Complied
5470.000	57.2	68.2	11.0	Complied
5725.000	60.8	68.2	7.4	Complied
5726.010	64.5	68.2	3.7	Complied

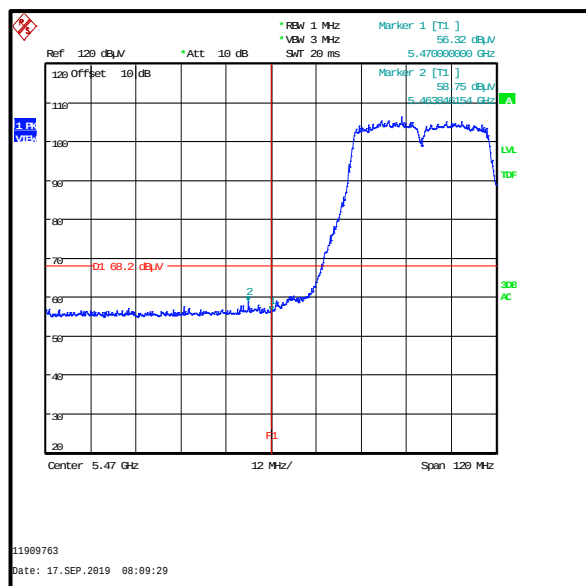
**Lower Band Edge****Upper Band Edge**

Transmitter Band Edge Radiated Emissions (5.47-5.725 GHz band operation) (continued)

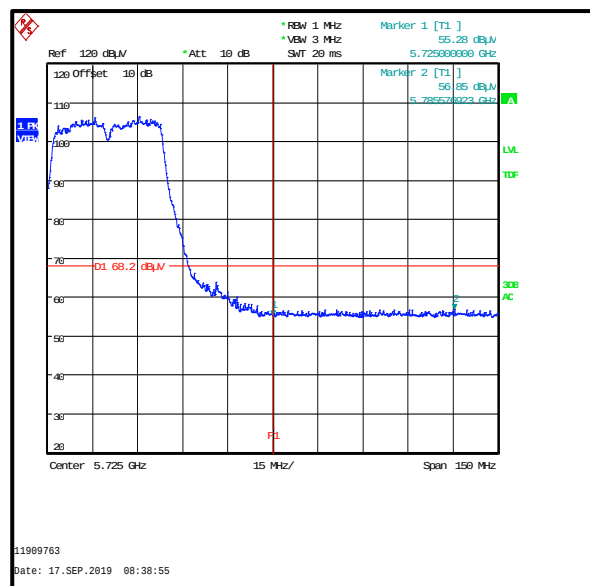
Results: 802.11n / 40 MHz / MIMO / 3Tx CDD / 16-QAM / MCS3 / Port 1, 2 & 3 / Peak

Frequency (MHz)	Level (dBm)	Limit (dBm)	Margin (dB)	Result
5463.846	-36.4	-27.0	9.4	Complied
5470.000	-38.9	-27.0	11.9	Complied
5725.000	-39.9	-27.0	12.9	Complied
5785.577	-38.3	-27.0	11.3	Complied

Frequency (MHz)	Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Result
5463.846	58.8	68.2	9.4	Complied
5470.000	56.3	68.2	11.9	Complied
5725.000	55.3	68.2	12.9	Complied
5785.577	56.9	68.2	11.3	Complied



Lower Band Edge



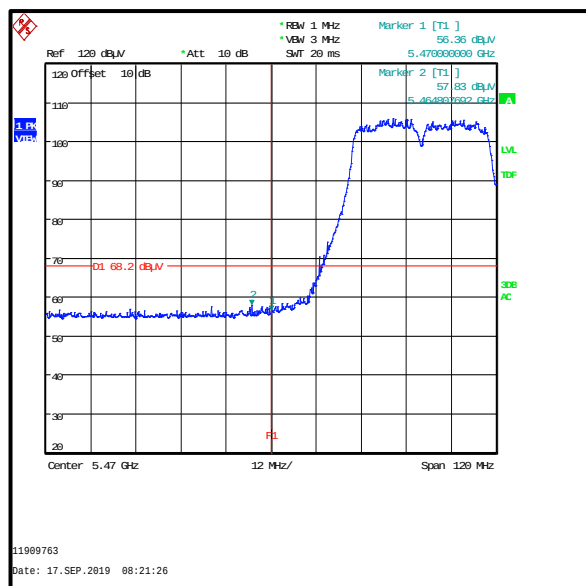
Upper Band Edge

Transmitter Band Edge Radiated Emissions (5.47-5.725 GHz band operation) (continued)

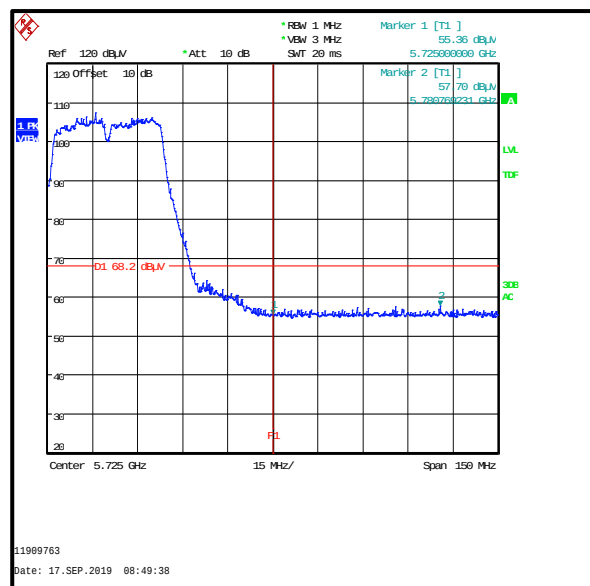
Results: 802.11n / 40 MHz / MIMO / 3Tx CDD / 64-QAM / MCS5 / Port 1, 2 & 3 / Peak

Frequency (MHz)	Level (dBm)	Limit (dBm)	Margin (dB)	Result
5464.808	-37.4	-27.0	10.4	Complied
5470.000	-38.8	-27.0	11.8	Complied
5725.000	-39.8	-27.0	12.8	Complied
5780.769	-37.5	-27.0	10.5	Complied

Frequency (MHz)	Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Result
5464.808	57.8	68.2	10.4	Complied
5470.000	56.4	68.2	11.8	Complied
5725.000	55.4	68.2	12.8	Complied
5780.769	57.7	68.2	10.5	Complied



Lower Band Edge

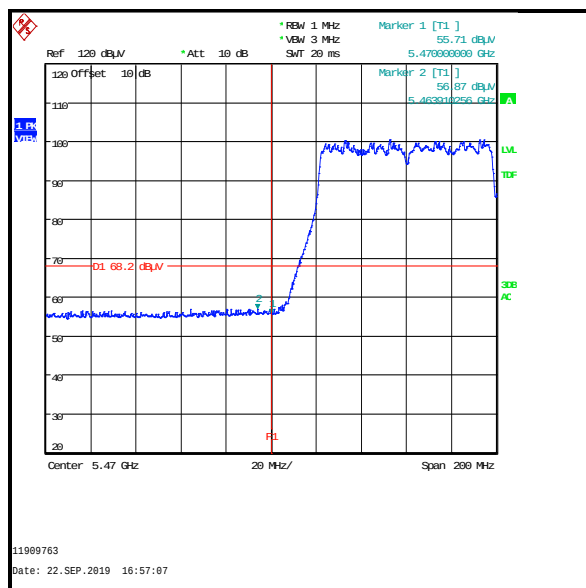
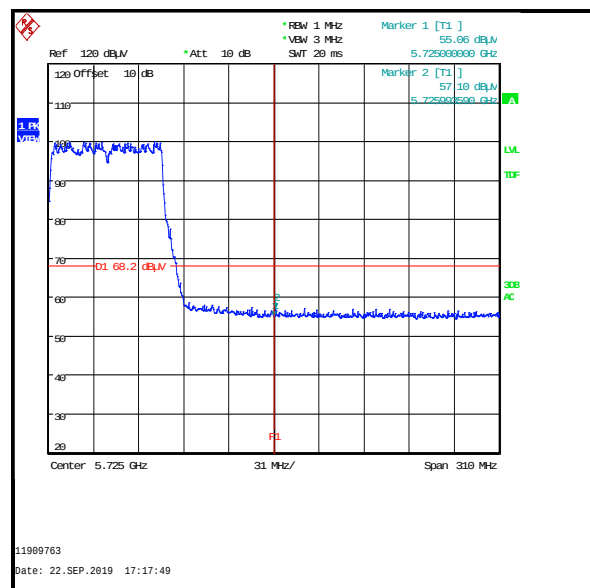


Upper Band Edge

Transmitter Band Edge Radiated Emissions (5.47-5.725 GHz band operation) (continued)**Results: 802.11ac / 80 MHz / MIMO / 3Tx CDD / QPSK / MCS1x1 / Port 1, 2 & 3 / Peak**

Frequency (MHz)	Level (dBm)	Limit (dBm)	Margin (dB)	Result
5463.910	-38.3	-27.0	11.3	Complied
5470.000	-39.5	-27.0	12.5	Complied
5725.000	-40.1	-27.0	13.1	Complied
5725.994	-38.1	-27.0	11.1	Complied

Frequency (MHz)	Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Result
5463.910	56.9	68.2	11.3	Complied
5470.000	55.7	68.2	12.5	Complied
5725.000	55.1	68.2	13.1	Complied
5725.994	57.1	68.2	11.1	Complied

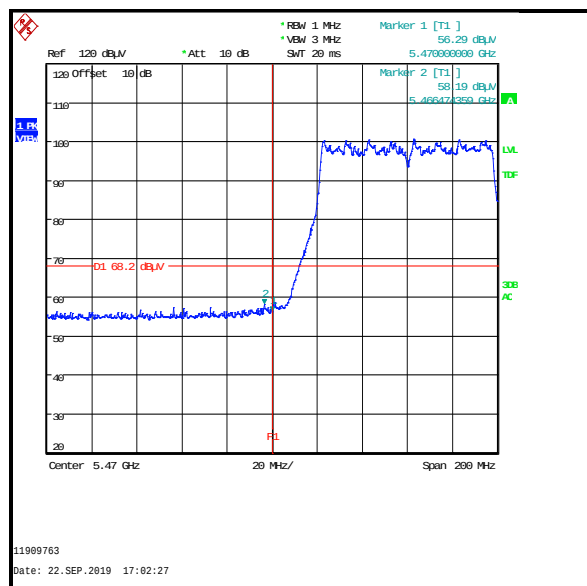
**Lower Band Edge****Upper Band Edge**

Transmitter Band Edge Radiated Emissions (5.47-5.725 GHz band operation) (continued)

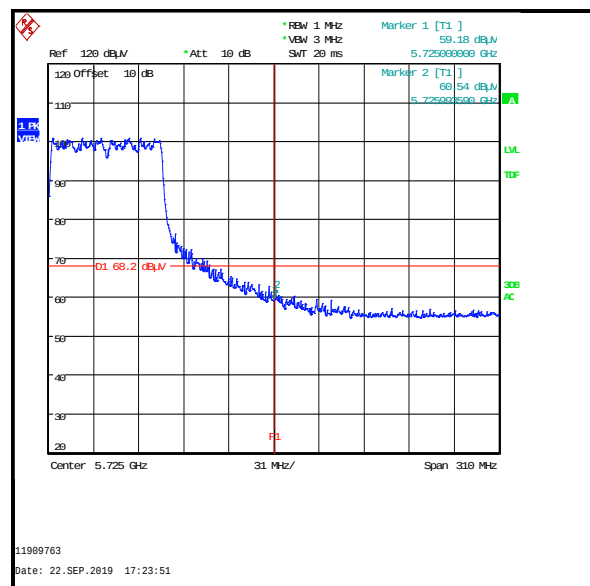
Results: 802.11ac / 80 MHz / MIMO / 3Tx CDD / QPSK / MCS2x1 / Port 1, 2 & 3 / Peak

Frequency (MHz)	Level (dBm)	Limit (dBm)	Margin (dB)	Result
5466.474	-37.0	-27.0	10.0	Complied
5470.000	-38.9	-27.0	11.9	Complied
5725.000	-36.0	-27.0	9.0	Complied
5725.994	-34.7	-27.0	7.7	Complied

Frequency (MHz)	Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Result
5466.474	58.2	68.2	10.0	Complied
5470.000	56.3	68.2	11.9	Complied
5725.000	59.2	68.2	9.0	Complied
5725.994	60.5	68.2	7.7	Complied



Lower Band Edge



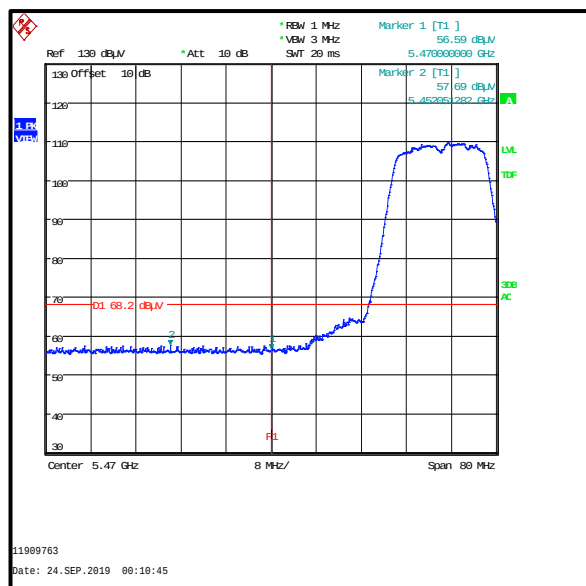
Upper Band Edge

Transmitter Band Edge Radiated Emissions (GHz band operation) (continued)

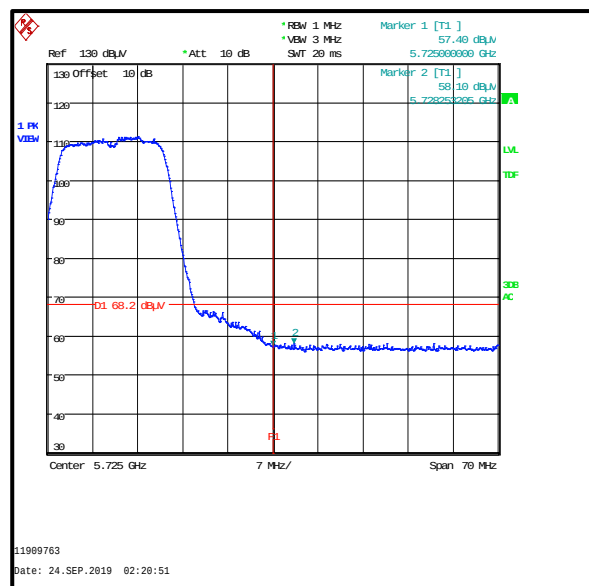
Results: 802.11a / 20 MHz / MIMO / 4Tx CDD / QPSK / 12 Mbps / Port 1, 2, 3 & 4 / Peak

Frequency (MHz)	Level (dBm)	Limit (dBm)	Margin (dB)	Result
5452.051	-37.5	-27.0	10.5	Complied
5470.000	-38.6	-27.0	11.6	Complied
5725.000	-37.8	-27.0	10.8	Complied
5728.253	-37.1	-27.0	10.1	Complied

Frequency (MHz)	Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Result
5452.051	57.7	68.2	10.5	Complied
5470.000	56.6	68.2	11.6	Complied
5725.000	57.4	68.2	10.8	Complied
5728.253	58.1	68.2	10.1	Complied



Lower Band Edge

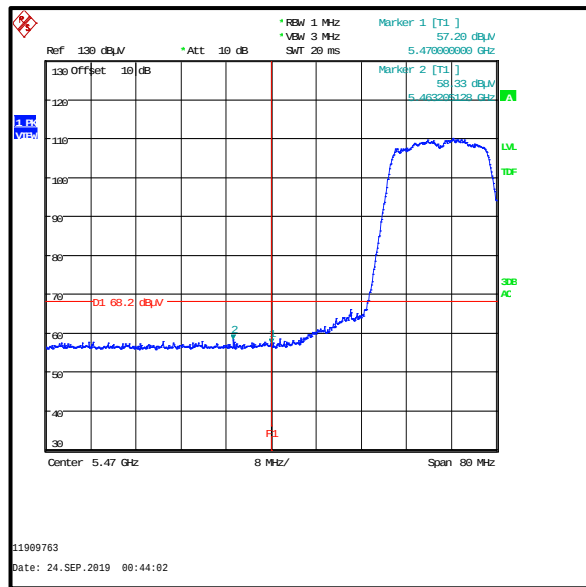
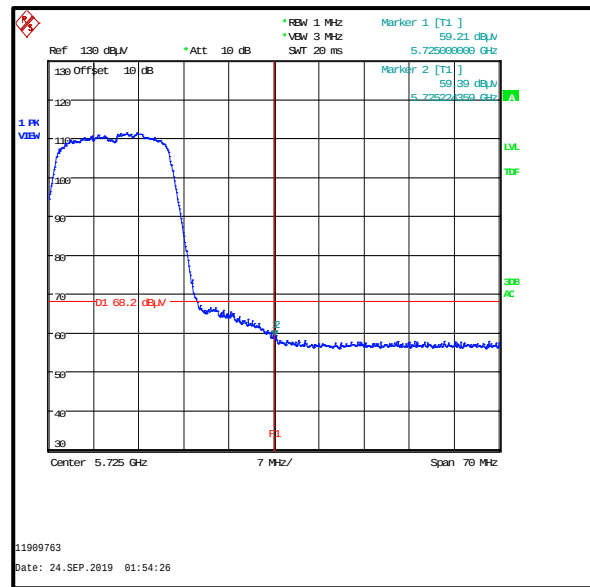


Upper Band Edge

Transmitter Band Edge Radiated Emissions (5.47-5.725 GHz band operation) (continued)**Results: 802.11n / 20 MHz / MIMO / 4Tx CDD / QPSK / MCS1 / Port 1, 2, 3 & 4 / Peak**

Frequency (MHz)	Level (dBm)	Limit (dBm)	Margin (dB)	Result
5463.205	-36.9	-27.0	9.9	Complied
5470.000	-38.0	-27.0	11.0	Complied
5725.000	-36.0	-27.0	9.0	Complied
5725.224	-35.8	-27.0	8.8	Complied

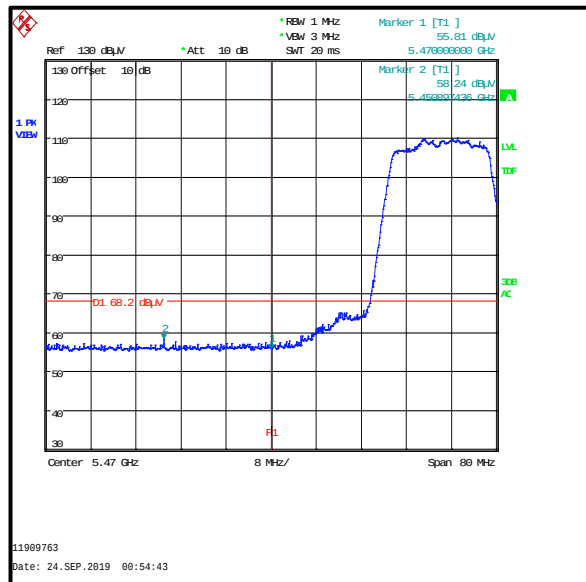
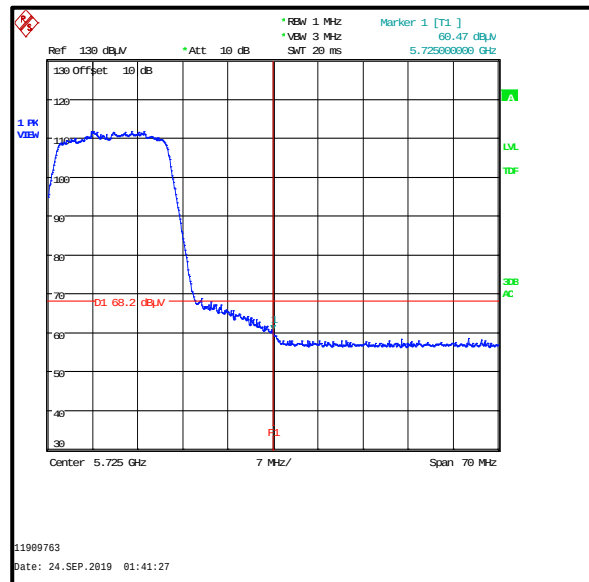
Frequency (MHz)	Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Result
5463.205	58.3	68.2	9.9	Complied
5470.000	57.2	68.2	11.0	Complied
5725.000	59.2	68.2	9.0	Complied
5725.224	59.4	68.2	8.8	Complied

**Lower Band Edge****Upper Band Edge**

Transmitter Band Edge Radiated Emissions (5.47-5.725 GHz band operation) (continued)**Results: 802.11n / 20 MHz / MIMO / 4Tx CDD / QPSK / MCS2 / Port 1, 2, 3 & 4 / Peak**

Frequency (MHz)	Level (dBm)	Limit (dBm)	Margin (dB)	Result
5450.897	-37.0	-27.0	10.0	Complied
5470.000	-39.4	-27.0	12.4	Complied
5725.000	-34.7	-27.0	7.7	Complied

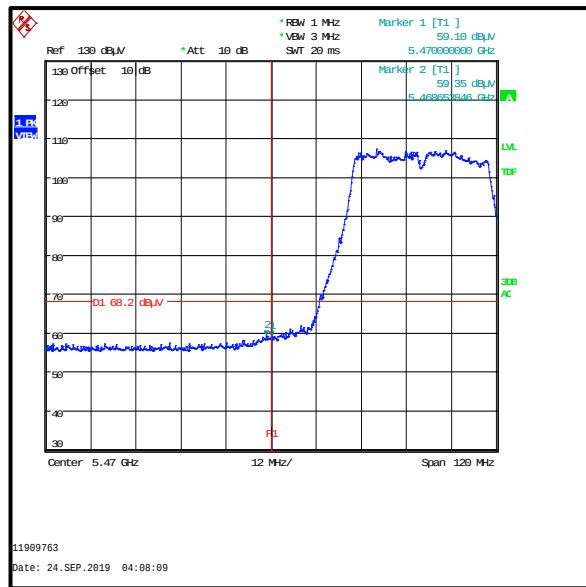
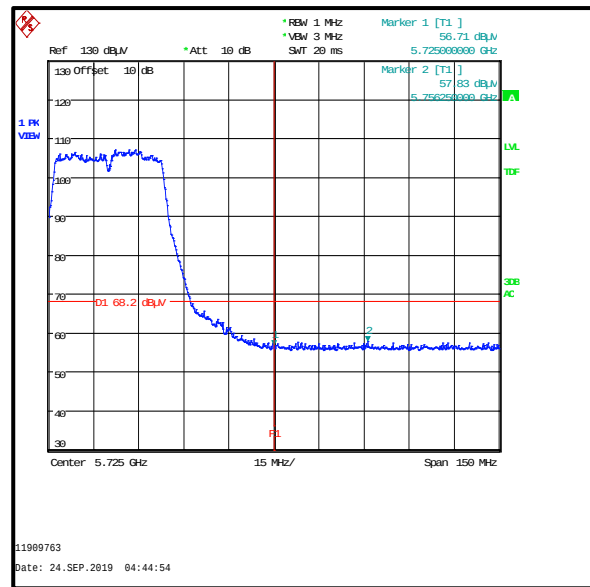
Frequency (MHz)	Level (dB μ V/m)	Limit (dB μ V/m)	Margin (dB)	Result
5450.897	58.2	68.2	10.0	Complied
5470.000	55.8	68.2	12.4	Complied
5725.000	60.5	68.2	7.7	Complied

**Lower Band Edge****Upper Band Edge**

Transmitter Band Edge Radiated Emissions (5.47-5.725 GHz band operation) (continued)**Results: 802.11n / 40 MHz / MIMO / 4Tx CDD / 16-QAM / MCS3 / Port 1, 2, 3 & 4 / Peak**

Frequency (MHz)	Level (dBm)	Limit (dBm)	Margin (dB)	Result
5468.654	-35.8	-27.0	8.8	Complied
5470.000	-36.1	-27.0	9.1	Complied
5725.000	-38.5	-27.0	11.5	Complied
5756.250	-37.4	-27.0	10.4	Complied

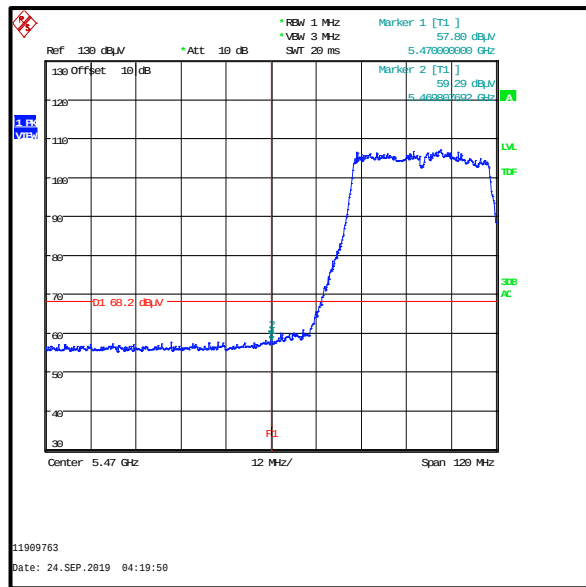
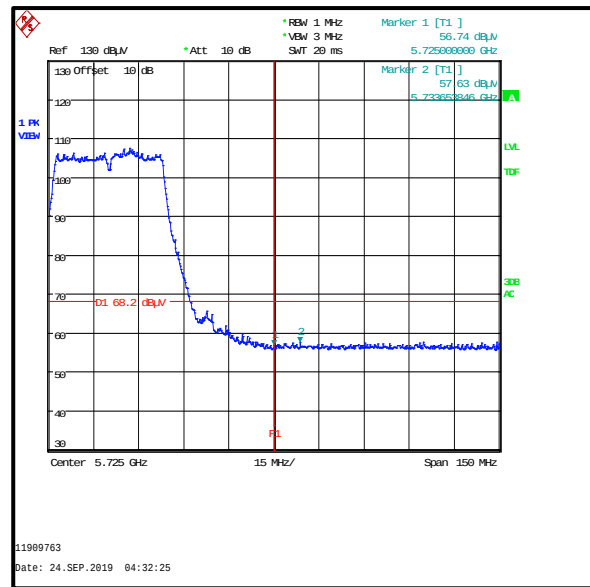
Frequency (MHz)	Level (dB μ V/m)	Limit (dB μ V/m)	Margin (dB)	Result
5468.654	59.4	68.2	8.8	Complied
5470.000	59.1	68.2	9.1	Complied
5725.000	56.7	68.2	11.5	Complied
5756.250	57.8	68.2	10.4	Complied

**Lower Band Edge****Upper Band Edge**

Transmitter Band Edge Radiated Emissions (5.47-5.725 GHz band operation) (continued)**Results: 802.11n / 40 MHz / MIMO / 4Tx CDD / 64-QAM / MCS7 / Port 1, 2, 3 & 4 / Peak**

Frequency (MHz)	Level (dBm)	Limit (dBm)	Margin (dB)	Result
5469.808	-35.9	-27.0	8.9	Complied
5470.000	-37.4	-27.0	10.4	Complied
5725.000	-38.5	-27.0	11.5	Complied
5733.654	-37.6	-27.0	10.6	Complied

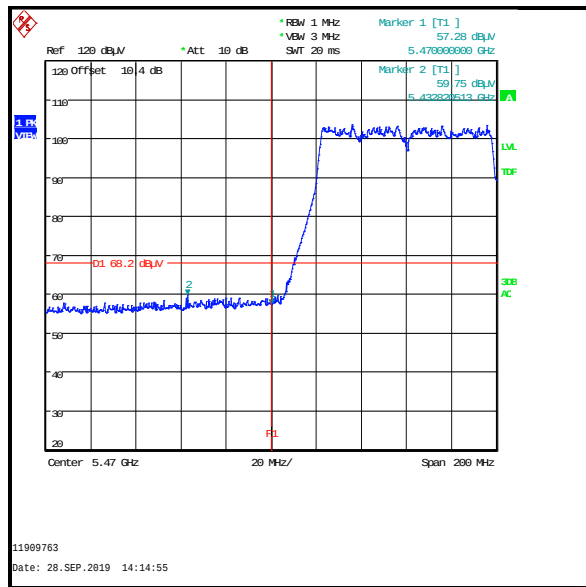
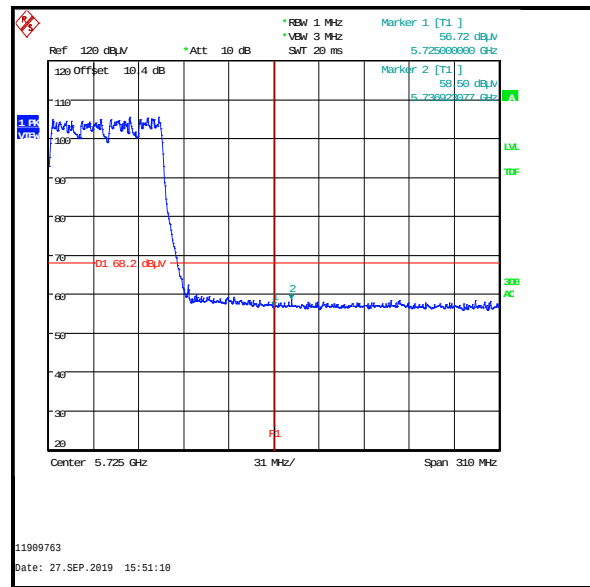
Frequency (MHz)	Level (dB μ V/m)	Limit (dB μ V/m)	Margin (dB)	Result
5469.808	59.3	68.2	8.9	Complied
5470.000	57.8	68.2	10.4	Complied
5725.000	56.7	68.2	11.5	Complied
5733.654	57.6	68.2	10.6	Complied

**Lower Band Edge****Upper Band Edge**

Transmitter Band Edge Radiated Emissions (5.47-5.725 GHz band operation) (continued)**Results: 802.11ac / 80 MHz / MIMO / 4Tx CDD / 16-QAM / MCS3x1 / Port 1, 2, 3 & 4 / Peak**

Frequency (MHz)	Level (dBm)	Limit (dBm)	Margin (dB)	Result
5432.821	-35.4	-27.0	8.4	Complied
5470.000	-37.9	-27.0	10.9	Complied
5725.000	-38.5	-27.0	11.5	Complied
5736*923	-36.7	-27.0	9.7	Complied

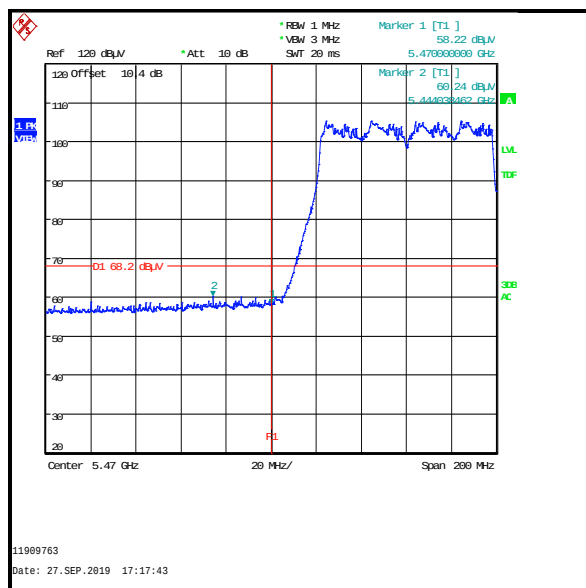
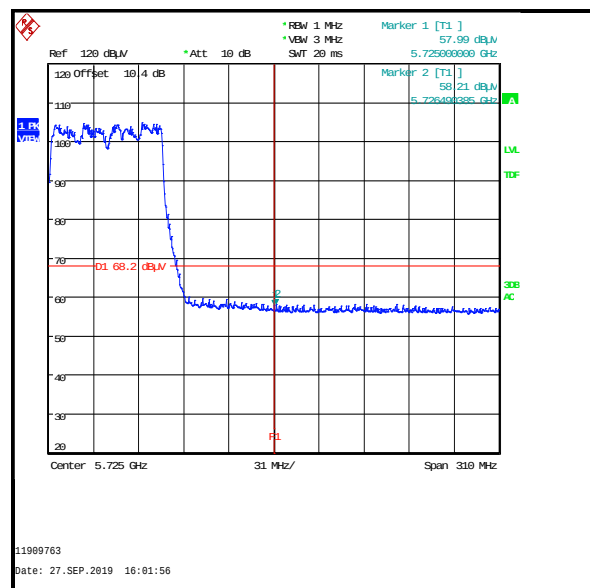
Frequency (MHz)	Level (dB μ V/m)	Limit (dB μ V/m)	Margin (dB)	Result
5432.821	59.8	68.2	8.4	Complied
5470.000	57.3	68.2	10.9	Complied
5725.000	56.7	68.2	11.5	Complied
5736.923	58.5	68.2	9.7	Complied

**Lower Band Edge****Upper Band Edge**

Transmitter Band Edge Radiated Emissions (5.47-5.725 GHz band operation) (continued)**Results: 802.11ac / 80 MHz / MIMO / 4Tx CDD / 64-QAM / MCS6x1 / Port 1, 2, 3 & 4 / Peak**

Frequency (MHz)	Level (dBm)	Limit (dBm)	Margin (dB)	Result
5444.039	-35.0	-27.0	8.0	Complied
5470.000	-37.0	-27.0	10.0	Complied
5725.000	-37.2	-27.0	10.2	Complied
5726.490	-37.0	-27.0	10.0	Complied

Frequency (MHz)	Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Result
5444.039	60.2	68.2	8.0	Complied
5470.000	58.2	68.2	10.0	Complied
5725.000	58.0	68.2	10.2	Complied
5726.490	58.2	68.2	10.0	Complied

**Lower Band Edge****Upper Band Edge****--- END OF REPORT ---**