



7.6. Radiated Spurious Emission

Requirements

Frequency(MHz)	Field strength (microvolts/meter)	Measurement distance (meters)
0.009-0.490	2400/F(kHz)	300
0.490-1.705	24000/F(kHz)	30
1.705-30.0	30	30
30-88	100	3
88-216	150	3
216-960	200	3
Above 960	500	3

Test Procedures

[For below 1 GHz]

EUT was placed on a urethane platform of nominal size, 0.5 m by 1.0 m, raised 0.8 m above the conducting ground plane. The Radiated Electric Field Strength has been measured in a Semi Anechoic Chamber with a ground plane.

[For above 1 GHz]

EUT was placed on a urethane platform of nominal size, 0.5 m by 0.5 m, raised 1.5 m above the conducting ground plane.

The Radiated Electric Field Strength has been measured in a Semi Anechoic Chamber with absorbent materials lined on a ground plane.

The height of the measuring antenna varied between 1 and 4 m and EUT was rotated a full revolution in order to obtain the maximum value of the electric field strength. The measurements were performed for both vertical and horizontal antenna polarization with the Test Receiver, or the Spectrum Analyzer.

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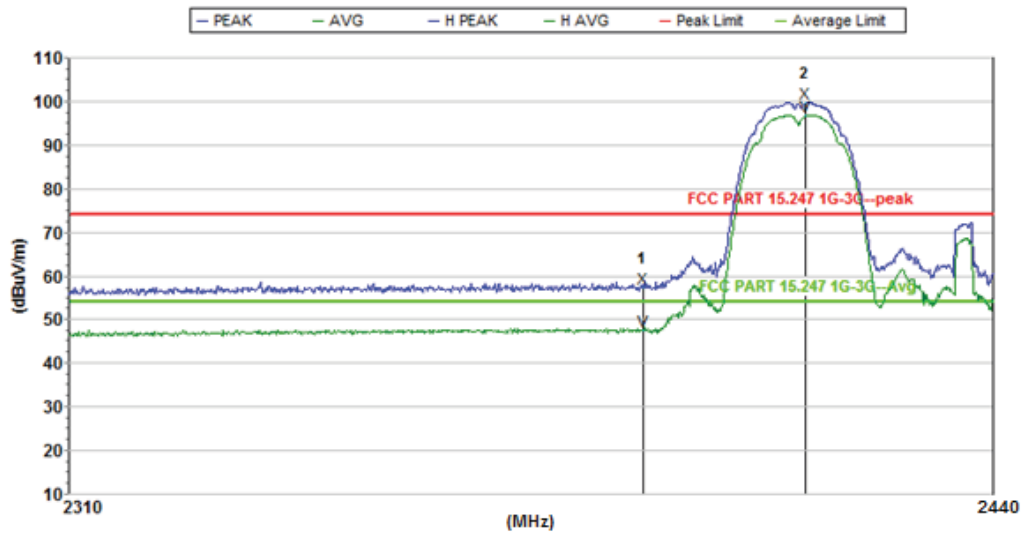
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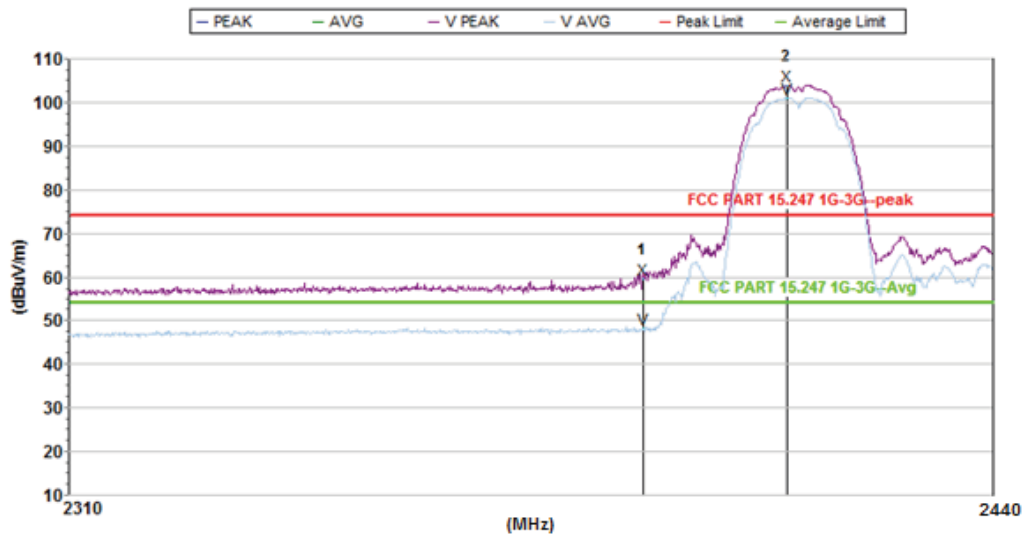
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Test Data

Restricted Band Edge 802.11b Ch 1 2412MHz Horizontal



Restricted Band Edge 802.11b Ch 1 2412MHz Vertical



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Mk.	Freq.(MHz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Ant.F/G.(dB/m)	Amp.G.(dB)	Cbl.L.(dB)	Aux.F.(dB)	Pol.
Peak:									
1	2390.000	57.2	74.0	16.8	27.3	0.0	4.4	0.0	H
2 F	2413.090	99.7	-	-	27.3	0.0	4.4	0.0	H
Avg									
1	2390.000	47.7	54.0	6.3	27.3	0.0	4.4	0.0	H
2 F	2413.090	96.7	-	-	27.3	0.0	4.4	0.0	H

Mk.	Freq.(MHz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Ant.F/G.(dB/m)	Amp.G.(dB)	Cbl.L.(dB)	Aux.F.(dB)	Pol.
Peak:									
1	2390.000	59.4	74.0	14.6	27.3	0.0	4.4	0.0	V
2 F	2410.490	103.8	-	-	27.3	0.0	4.4	0.0	V
Avg									
1	2390.000	48.2	54.0	5.8	27.3	0.0	4.4	0.0	V
2 F	2410.490	100.8	-	-	27.3	0.0	4.4	0.0	V

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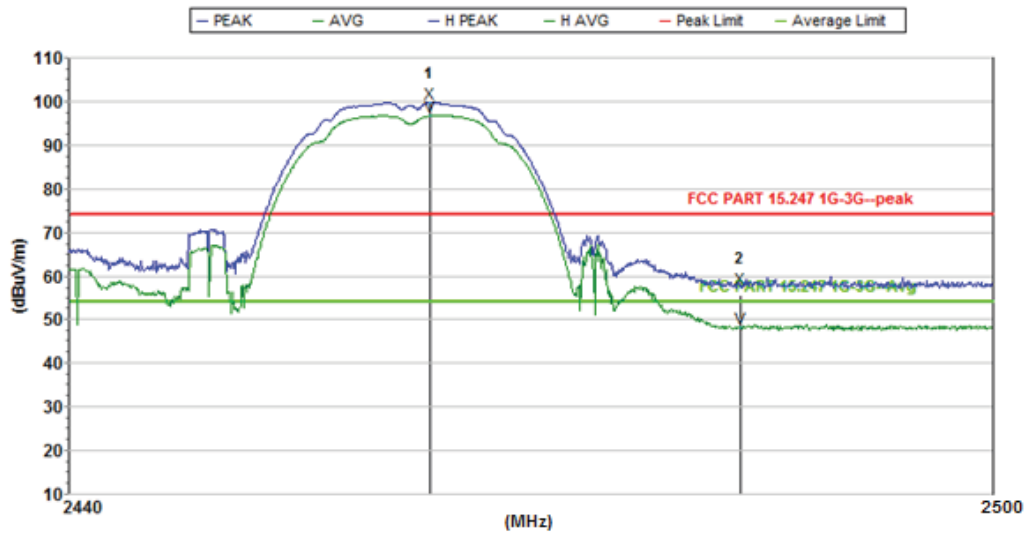
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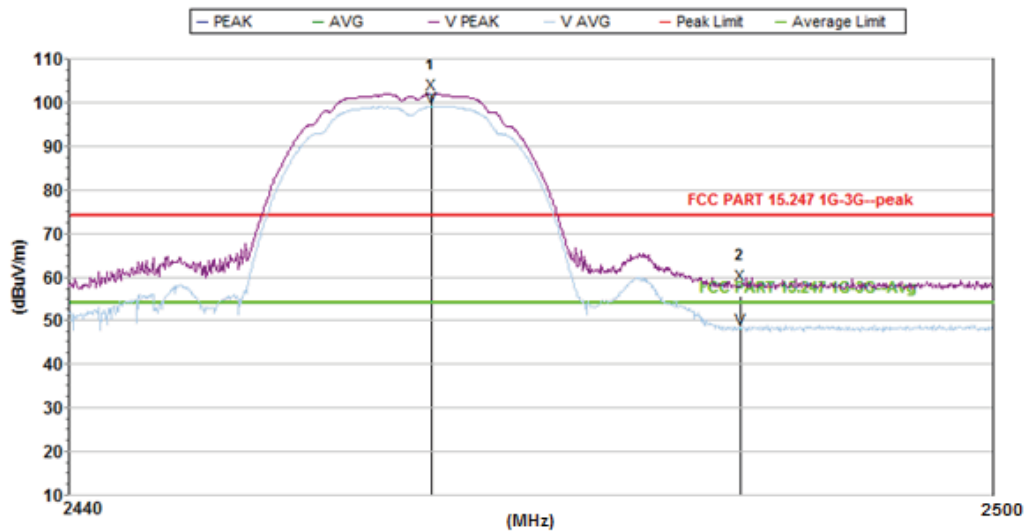


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Restricted Band Edge 802.11b Ch 11 2462MHz Horizontal



Restricted Band Edge 802.11b Ch 11 2462MHz Vertical



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Mk.	Freq.(MHz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Ant.F/G.(dB/m)	Amp.G.(dB)	Cbl.L.(dB)	Aux.F.(dB)	Pol.
Peak:									
1 F	2463.280	99.6	-	-	27.5	0.0	4.4	0.0	H
2	2483.500	57.3	74.0	16.7	27.6	0.0	4.4	0.0	H
Avg									
1 F	2463.280	96.6	-	-	27.5	0.0	4.4	0.0	H
2	2483.500	48.2	54.0	5.8	27.6	0.0	4.4	0.0	H

Mk.	Freq.(MHz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Ant.F/G.(dB/m)	Amp.G.(dB)	Cbl.L.(dB)	Aux.F.(dB)	Pol.
Peak:									
1 F	2463.340	102.0	-	-	27.5	0.0	4.4	0.0	V
2	2483.500	58.1	74.0	15.9	27.6	0.0	4.4	0.0	V
Avg									
1 F	2463.340	99.0	-	-	27.5	0.0	4.4	0.0	V
2	2483.500	48.1	54.0	5.9	27.6	0.0	4.4	0.0	V

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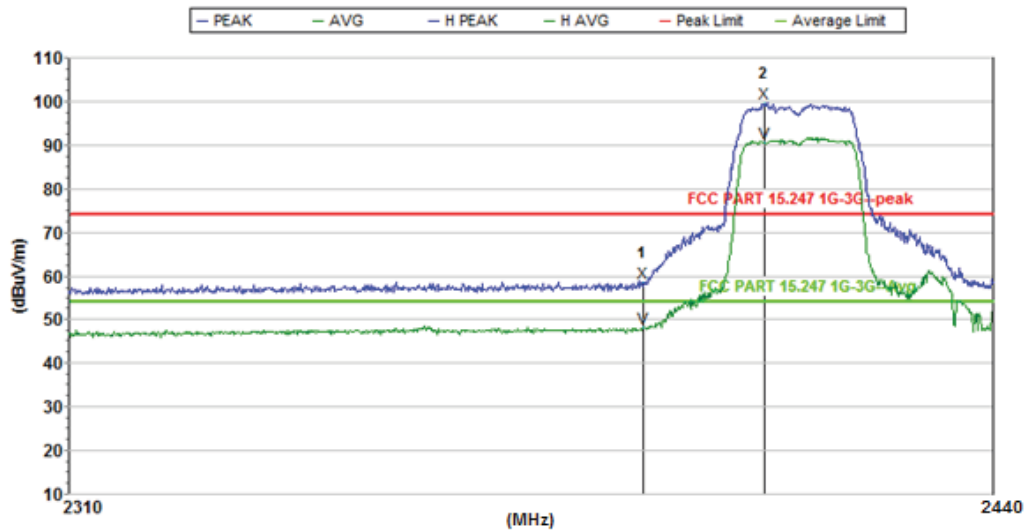
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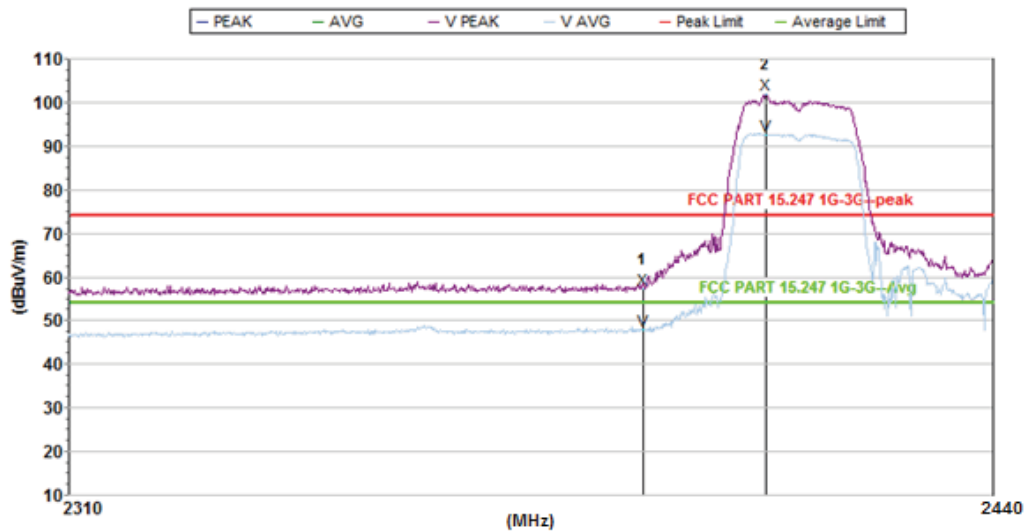


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Restricted Band Edge 802.11g Ch 1 2412MHz Horizontal



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Mk.	Freq.(MHz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Ant.F/G.(dB/m)	Amp.G.(dB)	Cbl.L.(dB)	Aux.F.(dB)	Pol.
Peak:									
1	2390.000	58.4	74.0	15.6	27.3	0.0	4.4	0.0	H
2 F	2407.240	99.8	-	-	27.3	0.0	4.4	0.0	H
Avg									
1	2390.000	48.2	54.0	5.8	27.3	0.0	4.4	0.0	H
2 F	2407.240	90.6	-	-	27.3	0.0	4.4	0.0	H

Mk.	Freq.(MHz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Ant.F/G.(dB/m)	Amp.G.(dB)	Cbl.L.(dB)	Aux.F.(dB)	Pol.
Peak:									
1	2390.000	57.3	74.0	16.7	27.3	0.0	4.4	0.0	V
2 F	2407.370	101.8	-	-	27.3	0.0	4.4	0.0	V
Avg									
1	2390.000	48.0	54.0	6.0	27.3	0.0	4.4	0.0	V
2 F	2407.370	92.5	-	-	27.3	0.0	4.4	0.0	V

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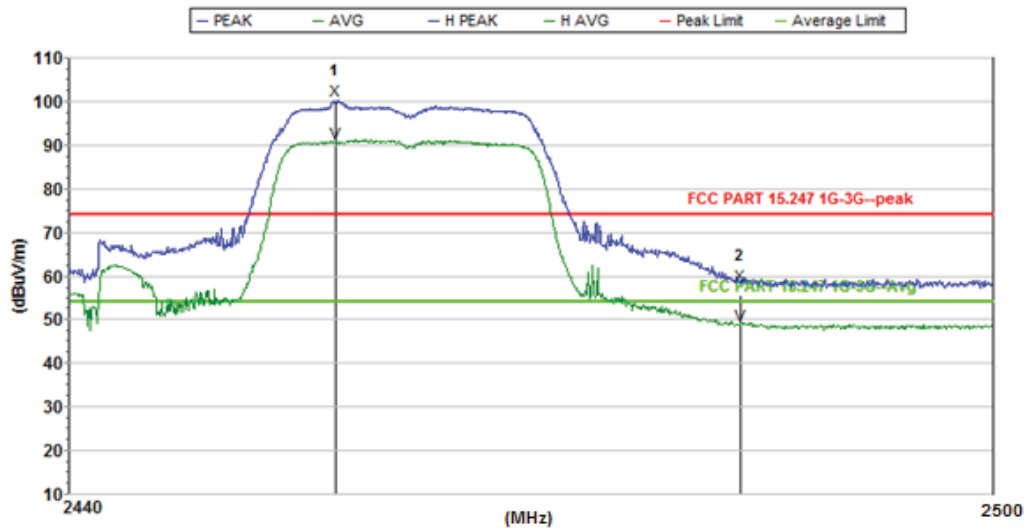
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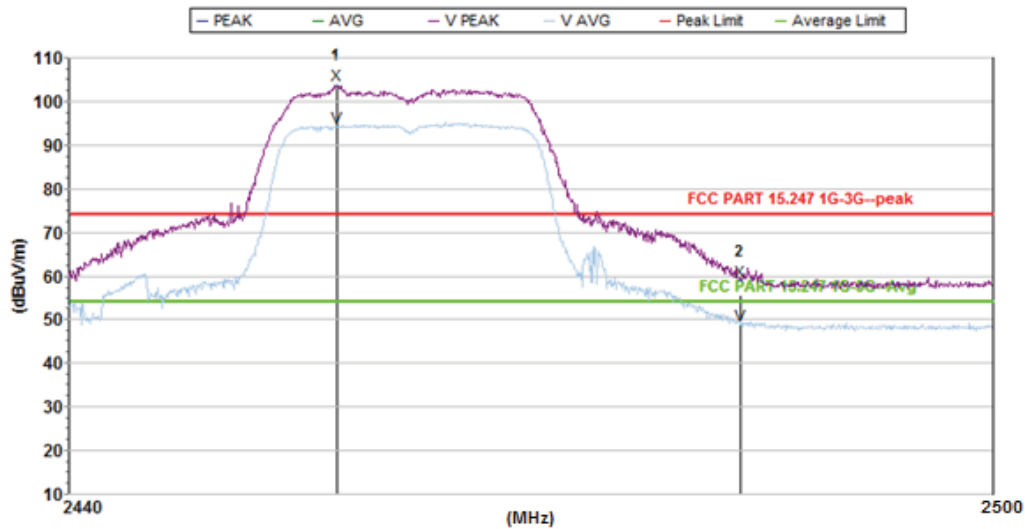


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Restricted Band Edge 802.11g Ch 11 2462MHz Horizontal



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Mk.	Freq.(MHz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Ant.F/G.(dB/m)	Amp.G.(dB)	Cbl.L.(dB)	Aux.F.(dB)	Pol.
Peak:									
1 F	2457.160	100.3	-	-	27.5	0.0	4.4	0.0	H
2	2483.500	58.0	74.0	16.0	27.6	0.0	4.4	0.0	H
Avg									
1 F	2457.160	90.7	-	-	27.5	0.0	4.4	0.0	H
2	2483.500	48.8	54.0	5.2	27.6	0.0	4.4	0.0	H

Mk.	Freq.(MHz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Ant.F/G.(dB/m)	Amp.G.(dB)	Cbl.L.(dB)	Aux.F.(dB)	Pol.
Peak:									
1 F	2457.280	103.7	-	-	27.5	0.0	4.4	0.0	V
2	2483.500	59.0	74.0	15.0	27.6	0.0	4.4	0.0	V
Avg									
1 F	2457.280	94.3	-	-	27.5	0.0	4.4	0.0	V
2	2483.500	48.9	54.0	5.1	27.6	0.0	4.4	0.0	V

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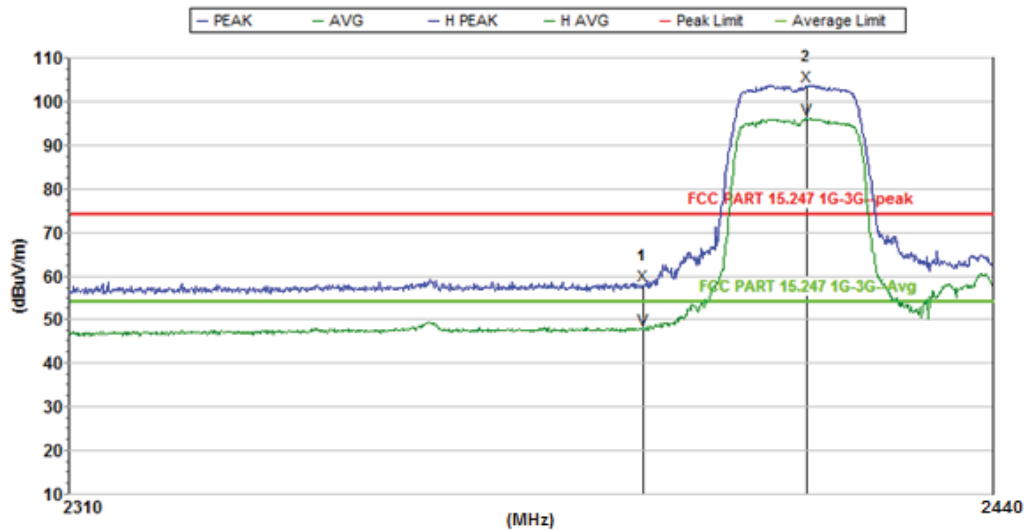
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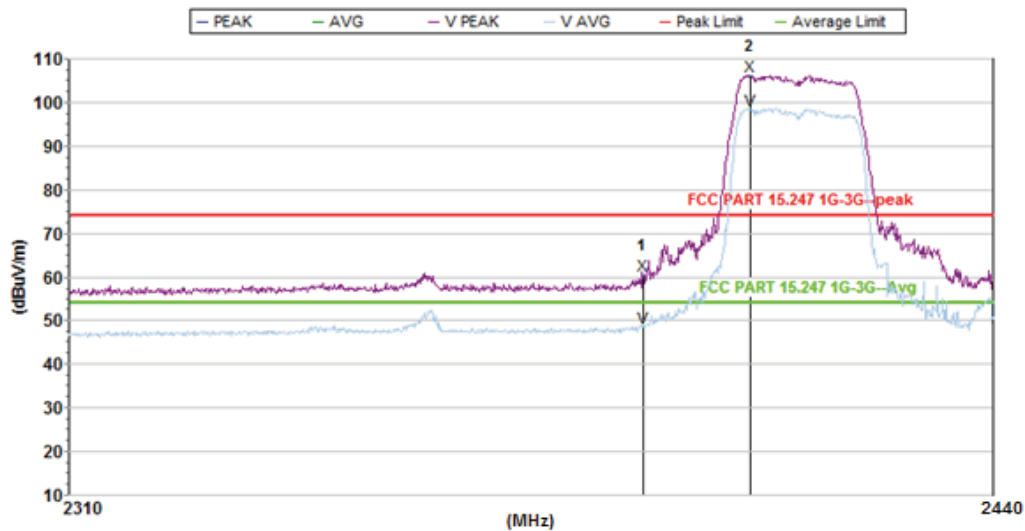


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Restricted Band Edge 802.11n HT20 Ch 1 2412MHz Horizontal



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Mk.	Freq.(MHz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Ant.F/G.(dB/m)	Amp.G.(dB)	Cbl.L.(dB)	Aux.F.(dB)	Pol.
Peak:									
1	2390.000	57.8	74.0	16.2	27.3	0.0	4.4	0.0	H
2 F	2413.220	103.6	-	-	27.3	0.0	4.4	0.0	H
Avg									
1	2390.000	47.9	54.0	6.1	27.3	0.0	4.4	0.0	H
2 F	2413.220	96.0	-	-	27.3	0.0	4.4	0.0	H

Mk.	Freq.(MHz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Ant.F/G.(dB/m)	Amp.G.(dB)	Cbl.L.(dB)	Aux.F.(dB)	Pol.
Peak:									
1	2390.000	60.5	74.0	13.5	27.3	0.0	4.4	0.0	V
2 F	2405.160	106.1	-	-	27.3	0.0	4.4	0.0	V
Avg									
1	2390.000	48.6	54.0	5.4	27.3	0.0	4.4	0.0	V
2 F	2405.160	98.4	-	-	27.3	0.0	4.4	0.0	V

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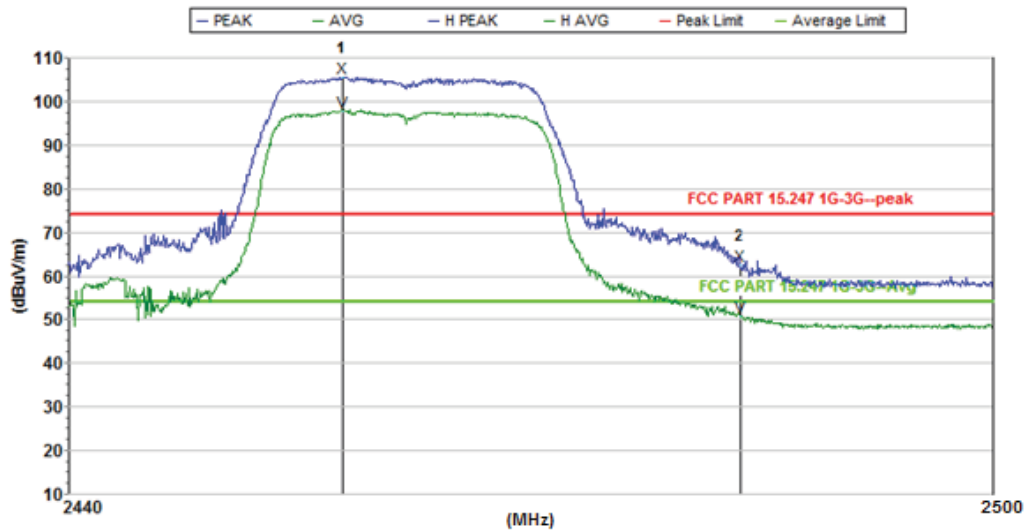
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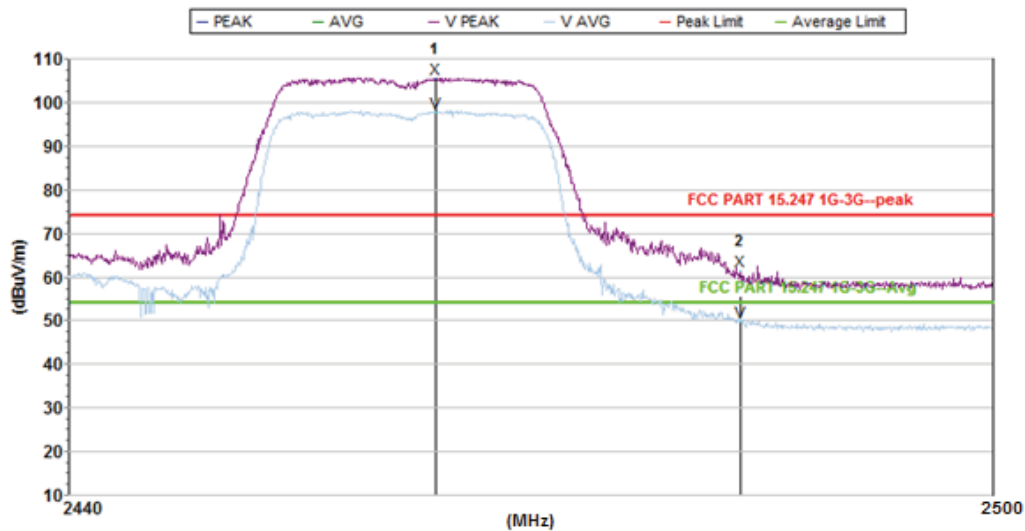


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Restricted Band Edge 802.11n HT20 Ch 11 2462MHz Horizontal



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Mk.	Freq.(MHz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Ant.F/G.(dB/m)	Amp.G.(dB)	Cbl.L.(dB)	Aux.F.(dB)	Pol.
Peak:									
1 F	2457.580	105.5	-	-	27.5	0.0	4.4	0.0	H
2	2483.500	62.4	74.0	11.6	27.6	0.0	4.4	0.0	H
Avg									
1 F	2457.580	97.7	-	-	27.5	0.0	4.4	0.0	H
2	2483.500	50.8	54.0	3.2	27.6	0.0	4.4	0.0	H

Mk.	Freq.(MHz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Ant.F/G.(dB/m)	Amp.G.(dB)	Cbl.L.(dB)	Aux.F.(dB)	Pol.
Peak:									
1 F	2463.640	105.6	-	-	27.5	0.0	4.4	0.0	V
2	2483.500	61.4	74.0	12.6	27.6	0.0	4.4	0.0	V
Avg									
1 F	2463.640	97.6	-	-	27.5	0.0	4.4	0.0	V
2	2483.500	49.7	54.0	4.3	27.6	0.0	4.4	0.0	V

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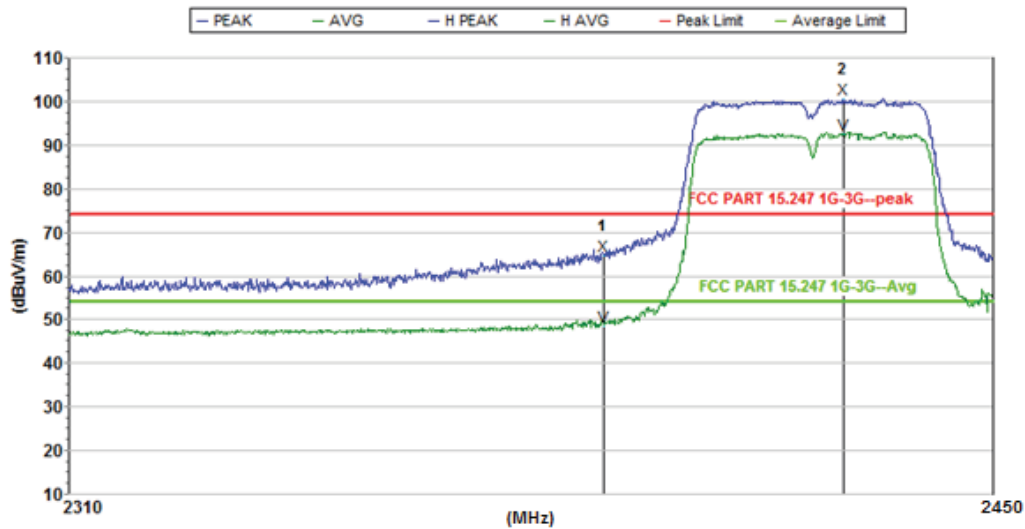
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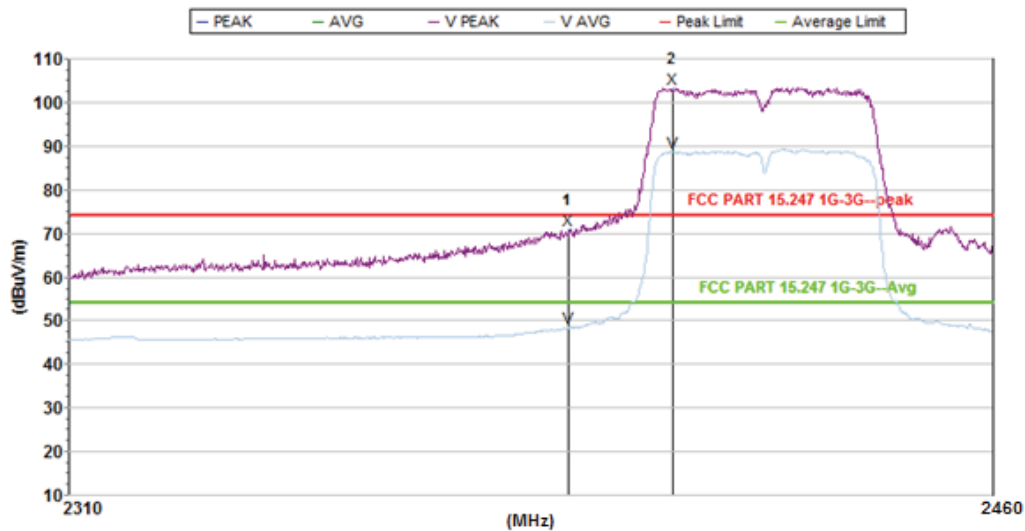


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Restricted Band Edge 802.11n HT40 Ch 3 2422MHz Horizontal



Restricted Band Edge 802.11n HT40 Ch 3 2422MHz Vertical



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Mk.	Freq.(MHz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Ant.F/G.(dB/m)	Amp.G.(dB)	Cbl.L.(dB)	Aux.F.(dB)	Pol.
Peak:									
1	2390.000	64.8	74.0	9.2	27.3	0.0	4.4	0.0	H
2 F	2426.760	100.5	-	-	27.4	0.0	4.4	0.0	H
Avg									
1	2390.000	48.4	54.0	5.6	27.3	0.0	4.4	0.0	H
2 F	2426.760	92.4	-	-	27.4	0.0	4.4	0.0	H

Mk.	Freq.(MHz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Ant.F/G.(dB/m)	Amp.G.(dB)	Cbl.L.(dB)	Aux.F.(dB)	Pol.
Peak:									
1	2390.000	70.9	74.0	3.1	27.3	0.0	4.4	0.0	V
2 F	2407.050	103.3	-	-	27.3	0.0	4.4	0.0	V
Avg									
1	2390.000	48.5	54.0	5.5	27.3	0.0	4.4	0.0	V
2 F	2407.050	88.5	-	-	27.3	0.0	4.4	0.0	V

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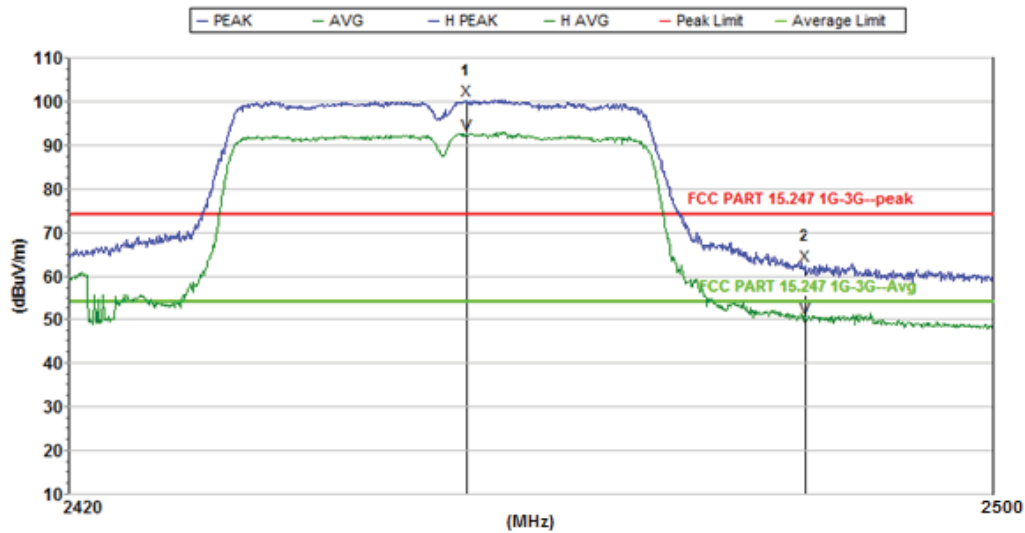
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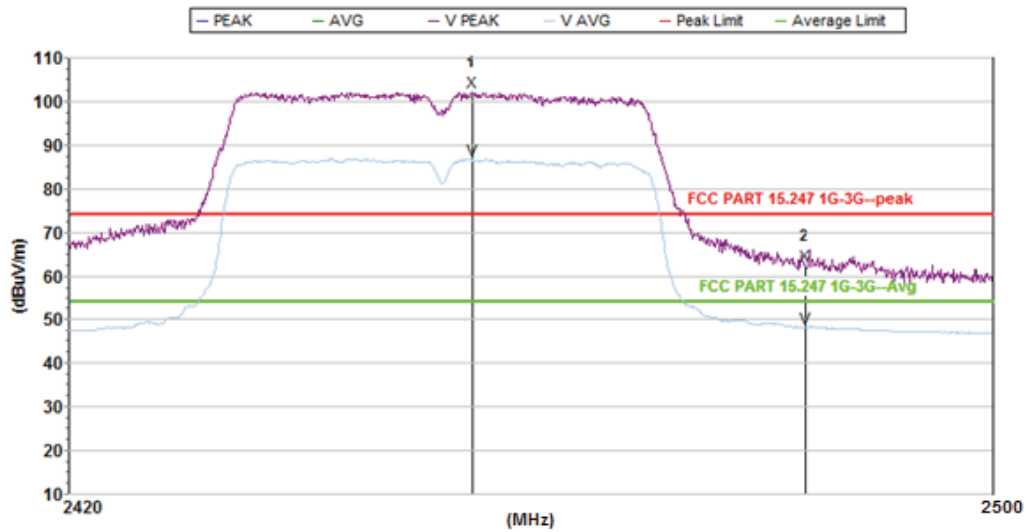


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Restricted Band Edge 802.11n HT40 Ch 9 2452MHz Horizontal



Restricted Band Edge 802.11n HT40 Ch 9 2452MHz Vertical



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Peak:									
1 F	2454.080	100.3	-	-	27.5	0.0	4.4	0.0	H
2	2483.500	62.4	74.0	11.6	27.6	0.0	4.4	0.0	H
Avg									
1 F	2454.080	92.4	-	-	27.5	0.0	4.4	0.0	H
2	2483.500	50.4	54.0	3.6	27.6	0.0	4.4	0.0	H

Mk.	Freq.(MHz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Ant.F/G.(dB/m)	Amp.G.(dB)	Cbl.L.(dB)	Aux.F.(dB)	Pol.
Peak:									
1 F	2454.560	102.2	-	-	27.5	0.0	4.4	0.0	V
2	2483.500	62.3	74.0	11.7	27.6	0.0	4.4	0.0	V
Avg									
1 F	2454.560	86.6	-	-	27.5	0.0	4.4	0.0	V
2	2483.500	48.3	54.0	5.7	27.6	0.0	4.4	0.0	V

EMC Lab.

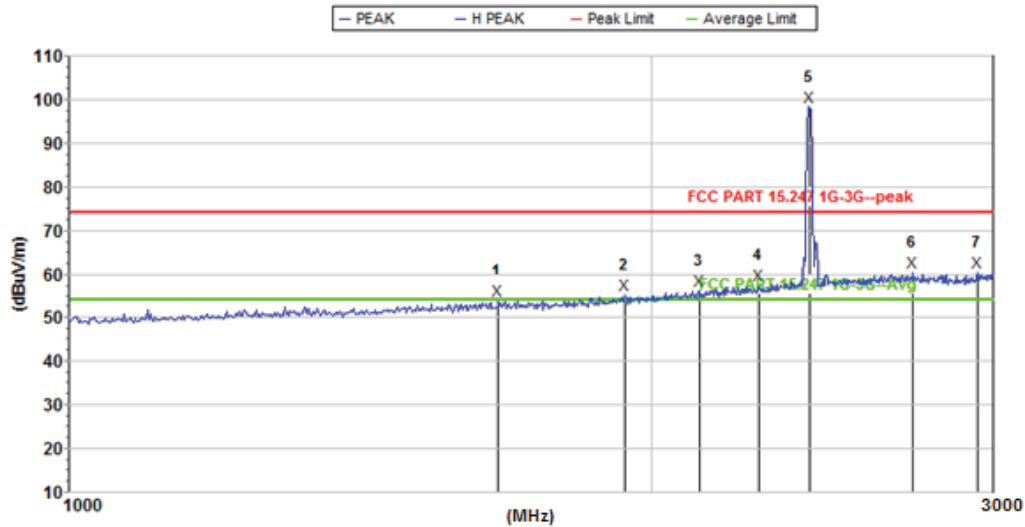
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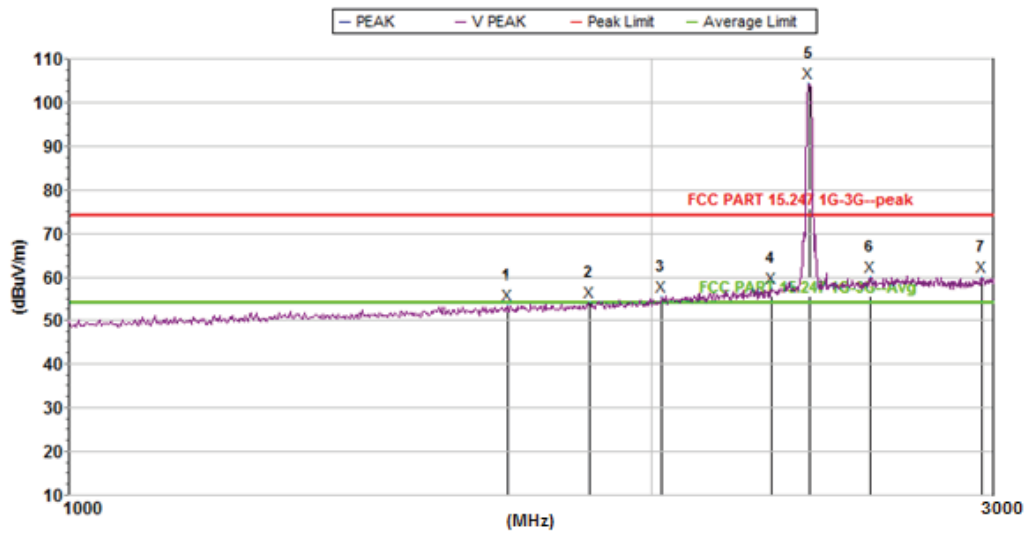


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Spurious Emission 802.11b Ch 1 2412MHz 1-3GHz Horizontal



Spurious Emission 802.11b Ch 1 2412MHz 1-3GHz Vertical



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Mk.	Freq.(MHz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Ant.F/G.(dB/m)	Amp.G.(dB)	Cbl.L.(dB)	Aux.F.(dB)	Pol.
Peak:									
1	1666.000	53.9	74.0	20.1	25.8	0.0	3.6	0.0	H
2	1936.000	55.4	-	-	26.0	0.0	4.0	0.0	H
3	2118.000	56.4	-	-	26.5	0.0	4.1	0.0	H
4	2270.000	57.7	74.0	16.3	26.9	0.0	4.2	0.0	H
5 F	2412	98.4	-	-	27.3	0.0	4.4	0.0	H
6	2728.000	60.4	74.0	13.6	28.0	0.0	4.6	0.0	H
7	2944.000	60.4	-	-	28.4	0.0	4.7	0.0	H
Avg									
1	1666.000	42.12	54.0	11.9	25.8	0.0	3.6	0.0	H
2	1936.000	43.55	-	-	26.0	0.0	4.0	0.0	H
3	2118.000	44.37	-	-	26.5	0.0	4.1	0.0	H
4	2270.000	45.38	54.0	8.6	26.9	0.0	4.2	0.0	H
5	2728.000	46.52	54.0	7.5	28.0	0.0	4.6	0.0	H
6	2944.000	47.68	-	-	28.4	0.0	4.7	0.0	H

Mk.	Freq.(MHz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Ant.F/G.(dB/m)	Amp.G.(dB)	Cbl.L.(dB)	Aux.F.(dB)	Pol.
Peak:									
1	1684.000	53.8	74.0	20.2	25.8	0.0	3.6	0.0	V
2	1856.000	54.4	-	-	26.0	0.0	3.9	0.0	V
3	2024.000	55.5	-	-	26.2	0.0	4.1	0.0	V
4	2304.000	57.7	-	-	27.0	0.0	4.2	0.0	V
5 F	2412	104.4	-	-	27.3	0.0	4.4	0.0	V
6	2592.000	60.1	-	-	27.8	0.0	4.6	0.0	V
7	2958.000	60.2	-	-	28.4	0.0	4.7	0.0	V
Avg									
1	1684.000	43.11	54.0	10.9	25.8	0.0	3.6	0.0	V
2	1856.000	43.64	-	-	26.0	0.0	3.9	0.0	V
3	2024.000	45.32	-	-	26.2	0.0	4.1	0.0	V
4	2304.000	45.88	-	-	27.0	0.0	4.2	0.0	V
5	2592.000	46.37	-	-	27.8	0.0	4.6	0.0	V
6	2958.000	46.98	-	-	28.4	0.0	4.7	0.0	V

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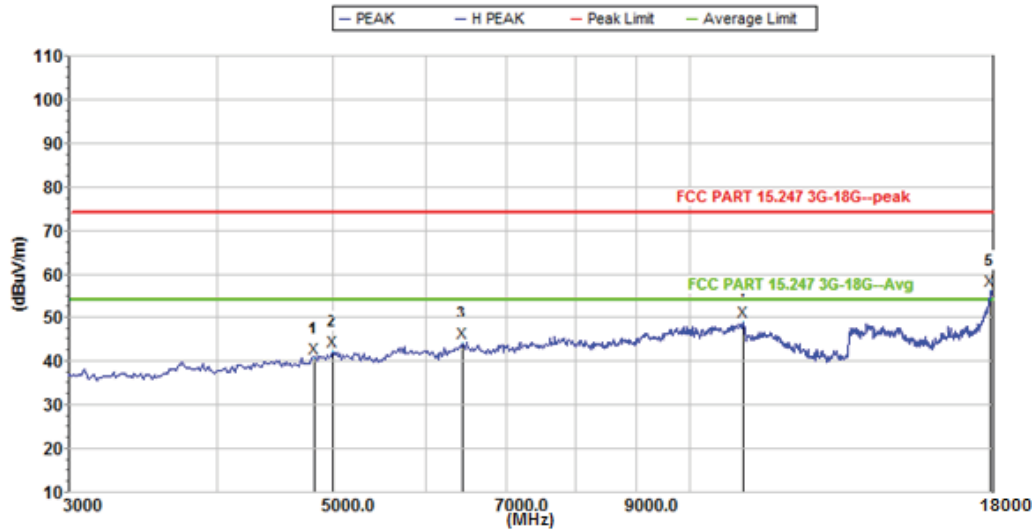
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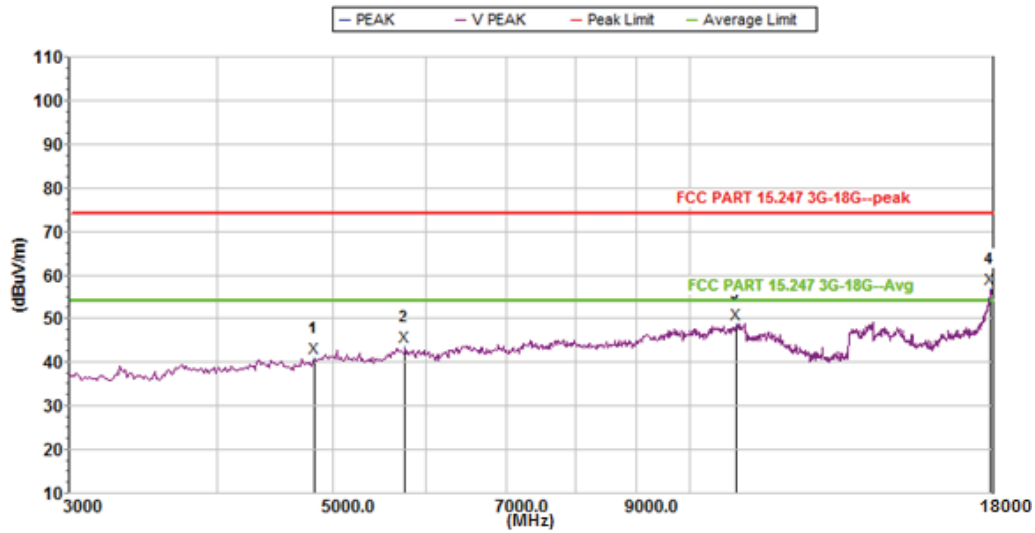


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Spurious Emission 802.11b Ch 1 2412MHz 3-18GHz Horizontal



Spurious Emission 802.11b Ch 1 2412MHz 3-18GHz Vertical



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Mk.	Freq.(MHz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Ant.F/G.(dB/m)	Amp.G.(dB)	Cbl.L.(dB)	Aux.F.(dB)	Pol.
Peak:									
1	4824.000	40.6	74.0	33.4	31.3	41.9	6.4	0.5	H
2	5010.000	42.5	74.0	31.5	31.5	41.9	6.4	0.7	H
3	6435.000	44.3	-	-	34.1	42.2	7.1	0.4	H
4	11085.000	49.1	74.0	24.9	40.3	42.0	10.1	1.0	H
5	17910.000	56.3	74.0	17.7	47.9	41.2	13.6	5.4	H
Avg									
1	17910.000	47.11	54.0	6.9	47.9	41.2	13.6	5.4	H

Mk.	Freq.(MHz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Ant.F/G.(dB/m)	Amp.G.(dB)	Cbl.L.(dB)	Aux.F.(dB)	Pol.
Peak:									
1	4824.000	41.0	74.0	33.0	31.3	41.9	6.4	0.5	V
2	5760.000	43.7	-	-	32.4	42.2	7.5	0.4	V
3	10935.000	48.8	74.0	25.2	40.2	42.0	9.8	0.9	V
4	17925.000	56.8	74.0	17.2	48.1	41.2	13.4	5.4	V
Avg									
1	17925.000	47.19	54.0	6.8	48.1	41.2	13.4	5.4	V

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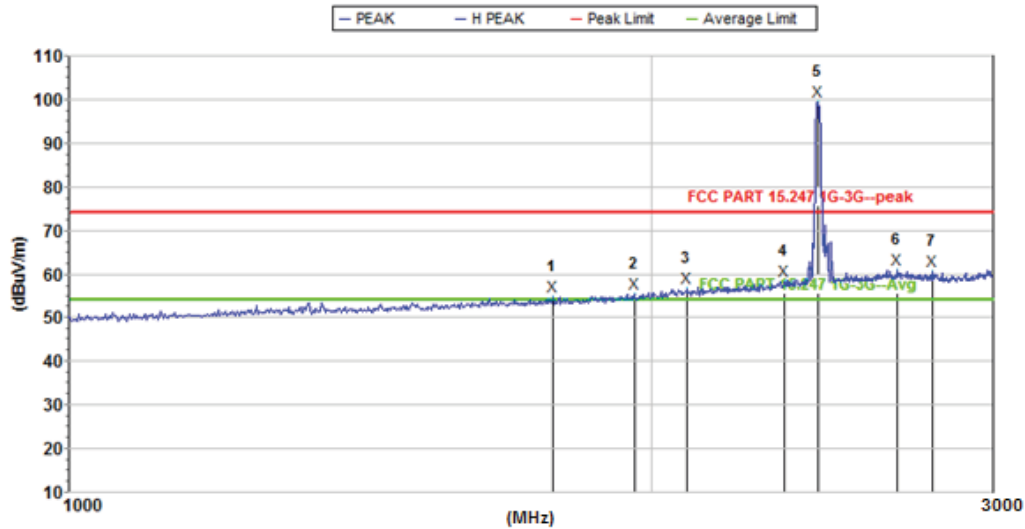
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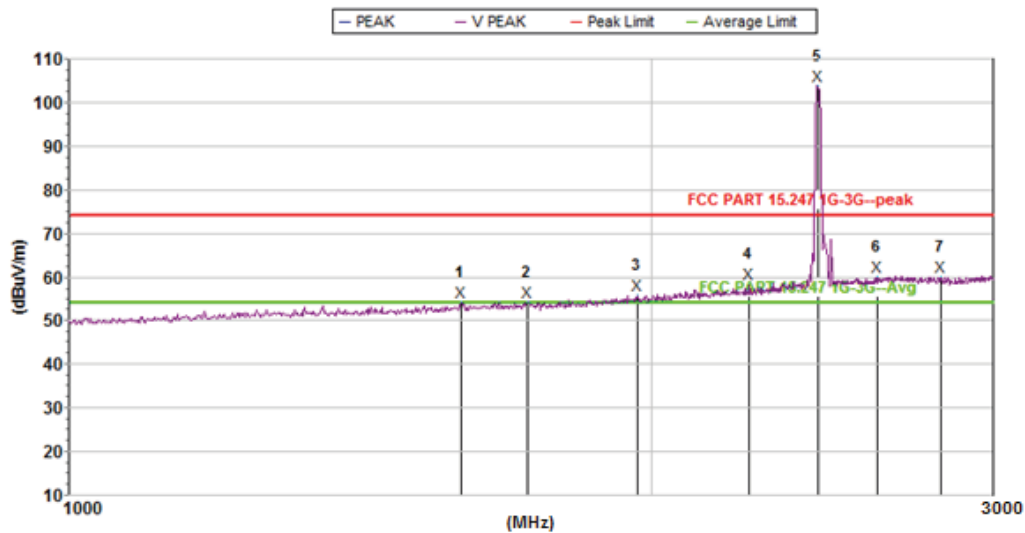


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Spurious Emission 802.11b Ch 6 2437MHz 1-3GHz Horizontal



Spurious Emission 802.11b Ch 6 2437MHz 1-3GHz Vertical



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Mk.	Freq.(MHz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Ant.F/G.(dB/m)	Amp.G.(dB)	Cbl.L.(dB)	Aux.F.(dB)	Pol.
Peak:									
1	1778.000	54.9	-	-	25.9	0.0	3.7	0.0	H
2	1958.000	55.5	-	-	26.1	0.0	4.0	0.0	H
3	2086.000	56.8	-	-	26.4	0.0	4.1	0.0	H
4	2342.000	58.7	74.0	15.3	27.1	0.0	4.3	0.0	H
5 F	2437	99.5	-	-	27.4	0.0	4.4	0.0	H
6	2678.000	61.2	-	-	27.9	0.0	4.6	0.0	H
7	2790.000	60.7	74.0	13.3	28.1	0.0	4.6	0.0	H
Avg									
1	1778.000	43.37	-	-	25.9	0.0	3.7	0.0	H
2	1958.000	44.56	-	-	26.1	0.0	4.0	0.0	H
3	2086.000	45.52	-	-	26.4	0.0	4.1	0.0	H
4	2342.000	45.93	54.0	8.1	27.1	0.0	4.3	0.0	H
5	2678.000	47.25	-	-	27.9	0.0	4.6	0.0	H
6	2790.000	47.96	54.0	6.0	28.1	0.0	4.6	0.0	H

Mk.	Freq.(MHz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Ant.F/G.(dB/m)	Amp.G.(dB)	Cbl.L.(dB)	Aux.F.(dB)	Pol.
Peak:									
1	1594.000	54.3	74.0	19.7	25.7	0.0	3.5	0.0	V
2	1724.000	54.4	-	-	25.8	0.0	3.6	0.0	V
3	1966.000	55.8	-	-	26.1	0.0	4.0	0.0	V
4	2246.000	58.6	74.0	15.4	26.8	0.0	4.2	0.0	V
5 F	2437.000	104.0	-	-	27.4	0.0	4.4	0.0	V
6	2616.000	60.3	-	-	27.8	0.0	4.6	0.0	V
7	2820.000	60.1	74.0	13.9	28.2	0.0	4.6	0.0	V
Avg									
1	1594.000	43.37	54.0	10.6	25.7	0.0	3.5	0.0	V
2	1724.000	44.56	-	-	25.8	0.0	3.6	0.0	V
3	1966.000	44.93	-	-	26.1	0.0	4.0	0.0	V
4	2246.000	45.75	-	-	26.8	0.0	4.2	0.0	V
5	2616.000	46.39	-	-	27.8	0.0	4.6	0.0	V
6	2820.000	47.26	54.0	6.7	28.2	0.0	4.6	0.0	V

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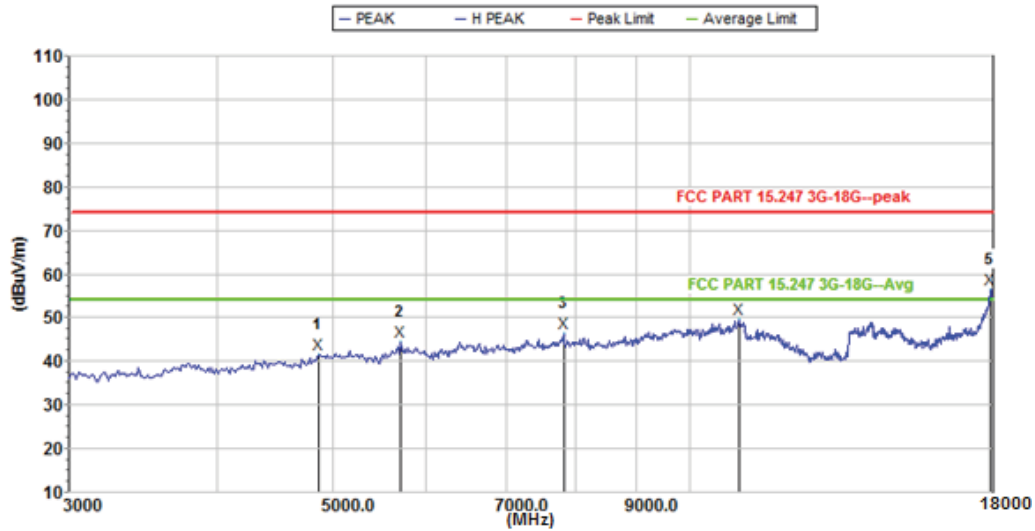
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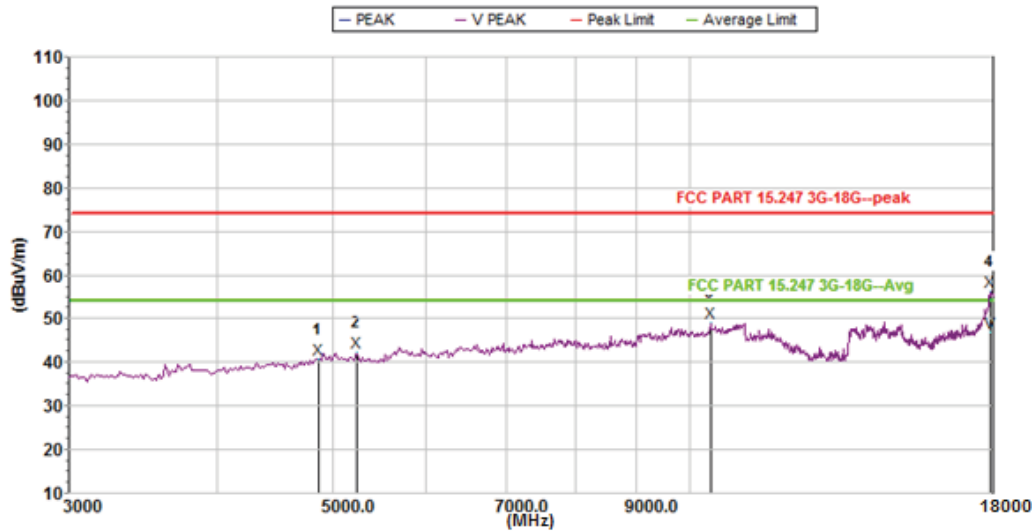


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Spurious Emission 802.11b Ch 6 2437MHz 3-18GHz Horizontal



Spurious Emission 802.11b Ch 6 2437MHz 3-18GHz Vertical



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Mk.	Freq.(MHz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Ant.F/G.(dB/m)	Amp.G.(dB)	Cbl.L.(dB)	Aux.F.(dB)	Pol.
Peak:									
1	4874.000	41.7	74.0	32.3	31.3	41.9	6.5	0.6	H
2	5700.000	44.7	-	-	32.3	42.2	7.7	0.4	H
3	7830.000	46.7	-	-	36.9	42.2	7.4	0.1	H
4	11010.000	49.8	74.0	24.2	40.3	42.1	10.0	1.0	H
5	17925.000	56.6	74.0	17.4	48.1	41.2	13.4	5.4	H
Avg									
1	17925.000	47.22	54.0	6.8	48.1	41.2	13.4	5.4	H

Mk.	Freq.(MHz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Ant.F/G.(dB/m)	Amp.G.(dB)	Cbl.L.(dB)	Aux.F.(dB)	Pol.
Peak:									
1	4874.000	40.7	74.0	33.3	31.3	41.9	6.5	0.6	V
2	5235.000	42.5	-	-	31.7	42.0	6.8	0.5	V
3	10410.000	49.0	-	-	39.4	41.9	9.0	0.4	V
4	17895.000	56.3	74.0	17.7	47.7	41.2	13.7	5.3	V
Avg									
1	17895.000	47.03	54.0	7.0	47.7	41.2	13.7	5.3	V

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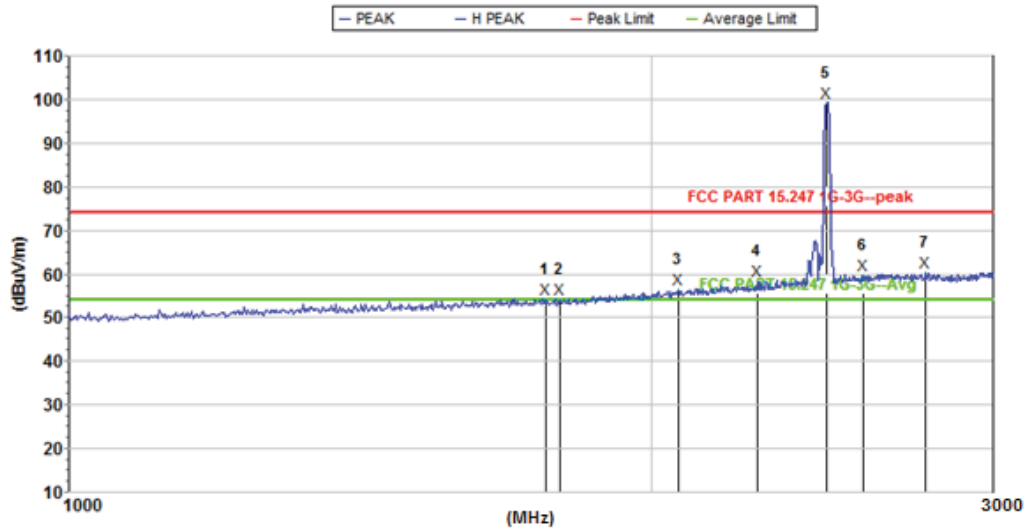
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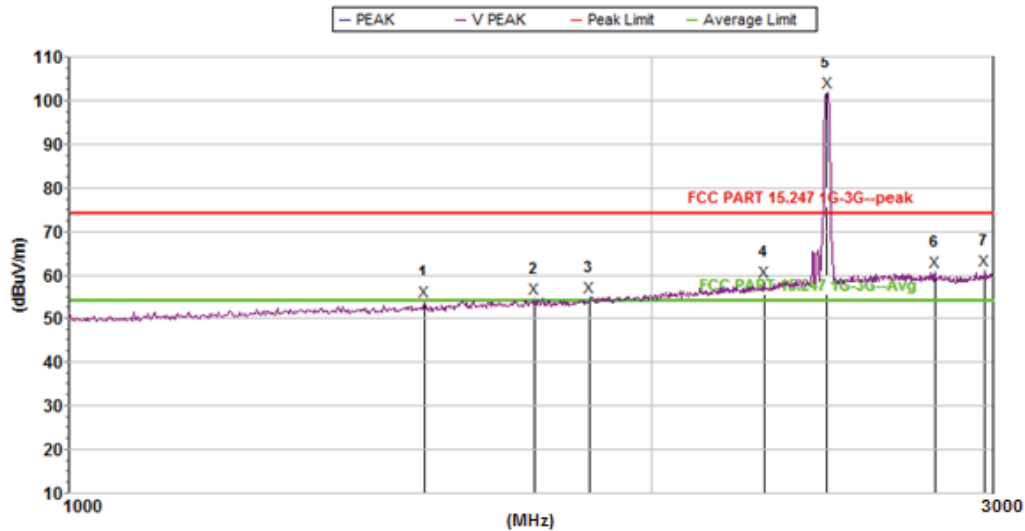


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Spurious Emission 802.11b Ch 11 2462MHz 1-3GHz Horizontal



Spurious Emission 802.11b Ch 11 2462MHz 1-3GHz Vertical



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Mk.	Freq.(MHz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Ant.F/G.(dB/m)	Amp.G.(dB)	Cbl.L.(dB)	Aux.F.(dB)	Pol.
Peak:									
1	1764.000	54.3	-	-	25.9	0.0	3.7	0.0	H
2	1792.000	54.4	-	-	25.9	0.0	3.7	0.0	H
3	2064.000	56.5	-	-	26.3	0.0	4.1	0.0	H
4	2266.000	58.6	74.0	15.4	26.9	0.0	4.2	0.0	H
5 F	2462	99.2	-	-	27.5	0.0	4.4	0.0	H
6	2570.000	60.0	-	-	27.7	0.0	4.5	0.0	H
7	2770.000	60.5	74.0	13.5	28.1	0.0	4.6	0.0	H
Avg									
1	1764.000	43.33	-	-	25.9	0.0	3.7	0.0	H
2	1792.000	43.61	-	-	25.9	0.0	3.7	0.0	H
3	2064.000	44.25	-	-	26.3	0.0	4.1	0.0	H
4	2266.000	45.51	54.0	8.5	26.9	0.0	4.2	0.0	H
5	2570.000	46.73	-	-	27.7	0.0	4.5	0.0	H
6	2770.000	47.16	54.0	6.8	28.1	0.0	4.6	0.0	H

Mk.	Freq.(MHz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Ant.F/G.(dB/m)	Amp.G.(dB)	Cbl.L.(dB)	Aux.F.(dB)	Pol.
Peak:									
1	1526.000	54.0	74.0	20.0	25.6	0.0	3.4	0.0	V
2	1738.000	54.7	-	-	25.8	0.0	3.7	0.0	V
3	1858.000	55.1	-	-	26.0	0.0	3.9	0.0	V
4	2286.000	58.4	74.0	15.6	27.0	0.0	4.2	0.0	V
5 F	2462	102.0	-	-	27.5	0.0	4.4	0.0	V
6	2800.000	60.7	74.0	13.3	28.1	0.0	4.6	0.0	V
7	2970.000	61.0	-	-	28.4	0.0	4.8	0.0	V
Avg									
1	1526.000	42.37	54.0	11.6	25.6	0.0	3.4	0.0	V
2	1738.000	43.33	-	-	25.8	0.0	3.7	0.0	V
3	1858.000	44.26	-	-	26.0	0.0	3.9	0.0	V
4	2286.000	45.62	54.0	8.4	27.0	0.0	4.2	0.0	V
5	2800.000	47.19	54.0	6.8	28.1	0.0	4.6	0.0	V
6	2970.000	47.84	-	-	28.4	0.0	4.8	0.0	V

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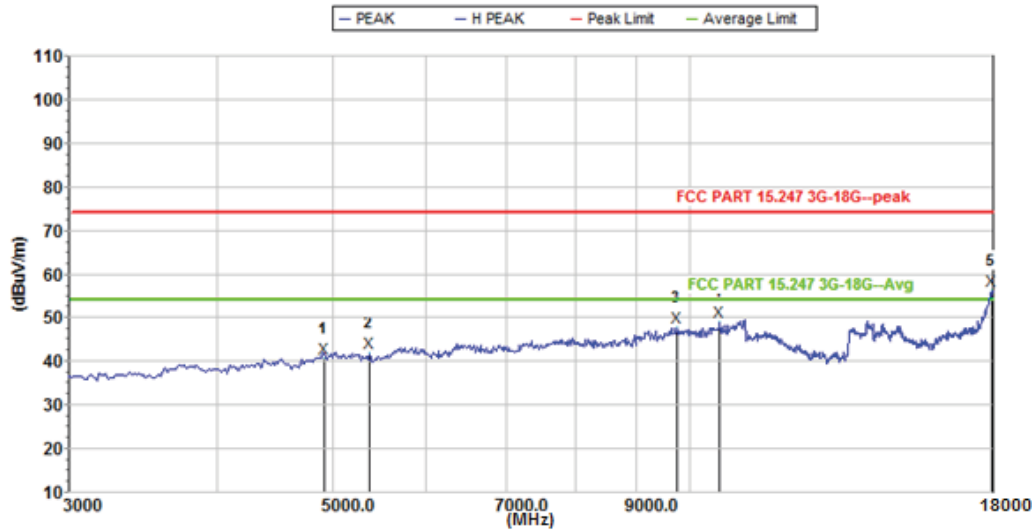
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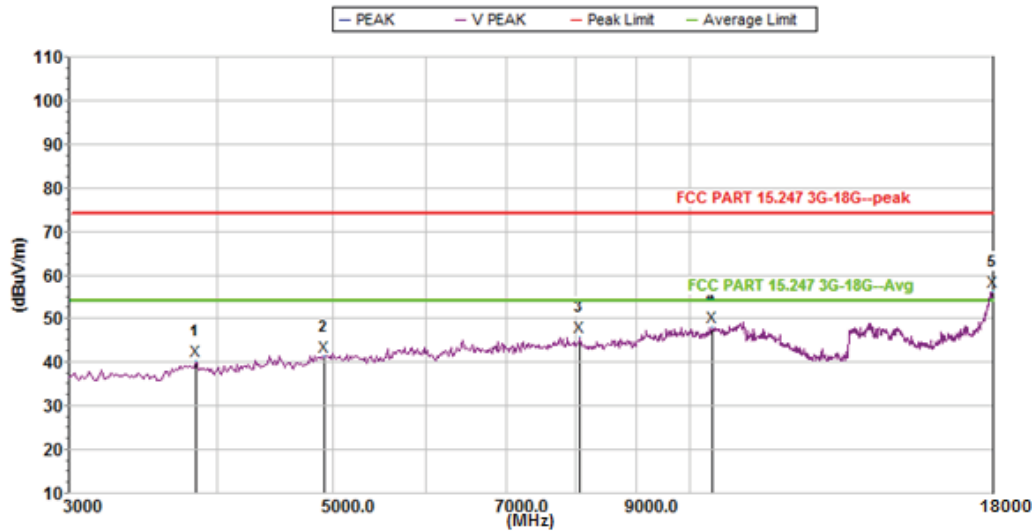


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Spurious Emission 802.11b Ch 11 2462MHz 3-18GHz Horizontal



Spurious Emission 802.11b Ch 11 2462MHz 3-18GHz Vertical



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Mk.	Freq.(MHz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Ant.F/G.(dB/m)	Amp.G.(dB)	Cbl.L.(dB)	Aux.F.(dB)	Pol.
Peak:									
1	4924.000	40.9	74.0	33.1	31.4	41.9	6.5	0.6	H
2	5370.000	42.2	74.0	31.8	31.9	42.1	7.0	0.4	H
3	9765.000	48.0	-	-	38.6	41.8	8.4	0.6	H
4	10590.000	49.0	-	-	39.7	42.0	9.4	0.4	H
5	17955.000	56.2	74.0	17.8	48.5	41.3	12.9	5.5	H
Avg									
1	17955.000	47.21	54.0	6.8	48.5	41.3	12.9	5.5	H

Mk.	Freq.(MHz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Ant.F/G.(dB/m)	Amp.G.(dB)	Cbl.L.(dB)	Aux.F.(dB)	Pol.
Peak:									
1	3840.000	40.5	74.0	33.5	29.4	41.3	5.5	0.2	V
2	4924.000	41.4	74.0	32.6	31.4	41.9	6.5	0.6	V
3	8085.000	45.8	74.0	28.2	37.0	42.2	7.5	0.1	V
4	10440.000	48.3	-	-	39.5	41.9	9.1	0.3	V
5	17985.000	56.4	74.0	17.6	48.9	41.3	12.4	5.5	V
Avg									
1	17985.000	47.19	54.0	6.8	48.9	41.3	12.4	5.5	V

EMC Lab.

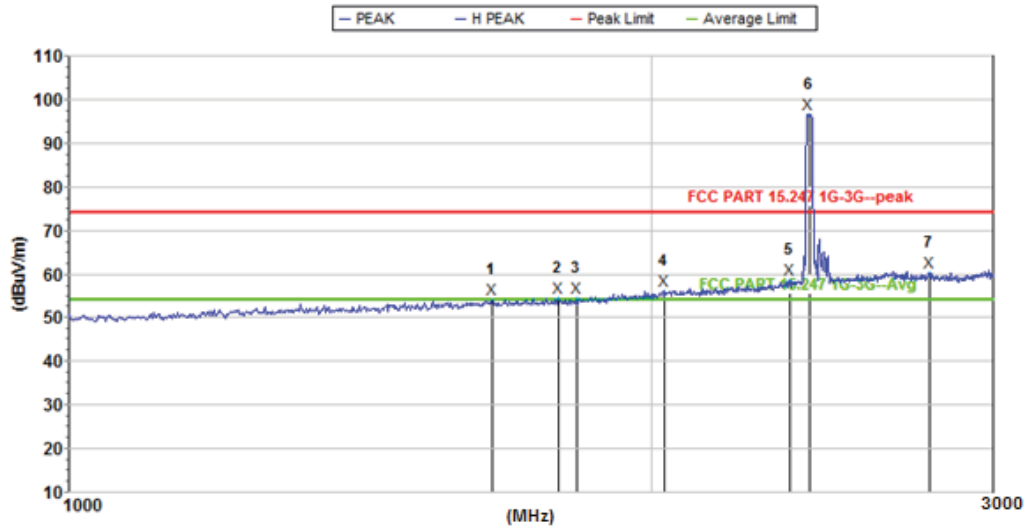
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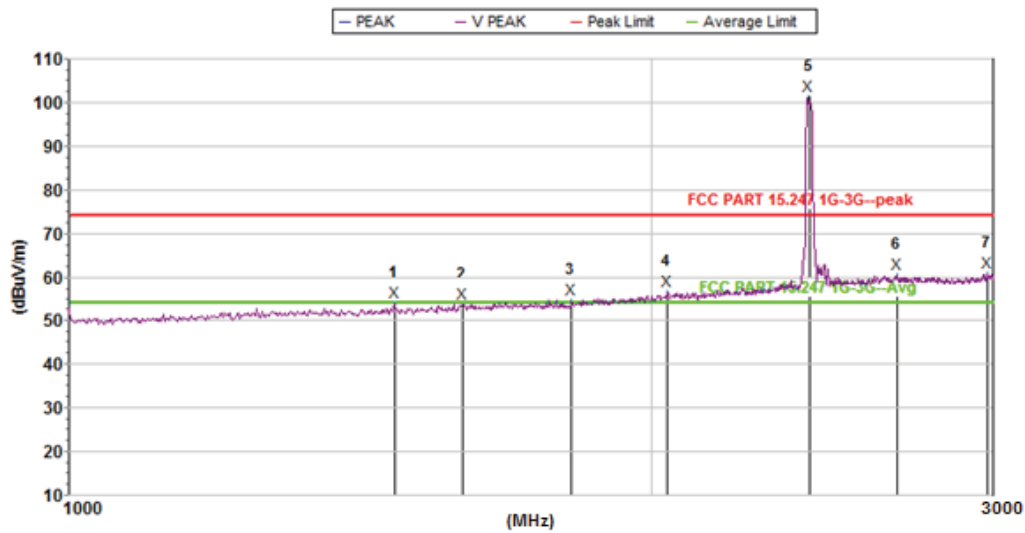


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Spurious Emission 802.11g Ch 1 2412MHz 1-3GHz Horizontal



Spurious Emission 802.11g Ch 1 2412MHz 1-3GHz Vertical



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Mk.	Freq.(MHz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Ant.F/G.(dB/m)	Amp.G.(dB)	Cbl.L.(dB)	Aux.F.(dB)	Pol.
Peak:									
1	1654.000	54.3	-	-	25.8	0.0	3.6	0.0	H
2	1790.000	54.5	-	-	25.9	0.0	3.8	0.0	H
3	1830.000	54.7	-	-	25.9	0.0	3.9	0.0	H
4	2028.000	56.2	-	-	26.2	0.0	4.1	0.0	H
5	2358.000	59.0	74.0	15.0	27.2	0.0	4.3	0.0	H
6 F	2412	96.8	-	-	27.3	0.0	4.4	0.0	H
7	2780.000	60.5	74.0	13.5	28.1	0.0	4.6	0.0	H
Avg									
1	1654.000	43.26	-	-	25.8	0.0	3.6	0.0	H
2	1790.000	43.39	-	-	25.9	0.0	3.8	0.0	H
3	1830.000	43.63	-	-	25.9	0.0	3.9	0.0	H
4	2028.000	44.39	-	-	26.2	0.0	4.1	0.0	H
5	2358.000	45.27	54.0	8.7	27.2	0.0	4.3	0.0	H
6	2780.000	47.11	54.0	6.9	28.1	0.0	4.6	0.0	H

Mk.	Freq.(MHz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Ant.F/G.(dB/m)	Amp.G.(dB)	Cbl.L.(dB)	Aux.F.(dB)	Pol.
Peak:									
1	1472.000	54.2	74.0	19.8	25.5	0.0	3.3	0.0	V
2	1598.000	54.0	74.0	20.0	25.7	0.0	3.5	0.0	V
3	1818.000	54.9	-	-	25.9	0.0	3.8	0.0	V
4	2038.000	56.9	-	-	26.2	0.0	4.1	0.0	V
5 F	2412	101.5	-	-	27.3	0.0	4.4	0.0	V
6	2676.000	60.8	-	-	27.9	0.0	4.6	0.0	V
7	2982.000	61.0	-	-	28.5	0.0	4.8	0.0	V
Avg									
1	1472.000	42.11	54.0	11.9	25.5	0.0	3.3	0.0	V
2	1598.000	42.35	54.0	11.6	25.7	0.0	3.5	0.0	V
3	1818.000	43.28	-	-	25.9	0.0	3.8	0.0	V
4	2038.000	43.91	-	-	26.2	0.0	4.1	0.0	V
5	2676.000	45.62	-	-	27.9	0.0	4.6	0.0	V
6	2982.000	47.93	-	-	28.5	0.0	4.8	0.0	V

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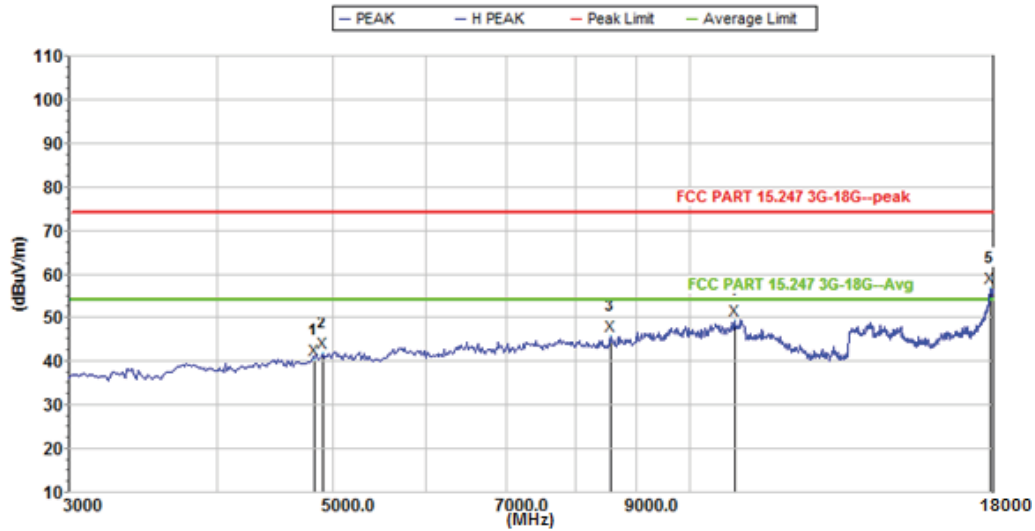
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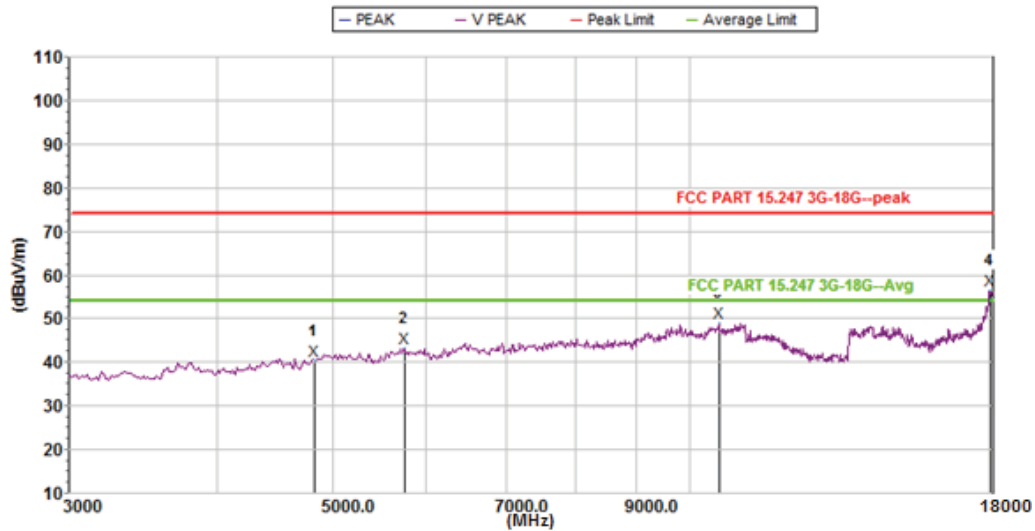


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Spurious Emission 802.11g Ch 1 2412MHz 3-18GHz Horizontal



Spurious Emission 802.11g Ch 1 2412MHz 3-18GHz Vertical



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Mk.	Freq.(MHz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Ant.F/G.(dB/m)	Amp.G.(dB)	Cbl.L.(dB)	Aux.F.(dB)	Pol.
Peak:									
1	4824.000	40.5	74.0	33.5	31.3	41.9	6.4	0.5	H
2	4905.000	42.1	74.0	31.9	31.4	41.9	6.5	0.6	H
3	8565.000	45.8	-	-	36.9	42.1	7.7	0.1	H
4	10905.000	49.5	74.0	24.5	40.2	42.0	9.7	0.8	H
5	17925.000	56.8	74.0	17.2	48.1	41.2	13.4	5.4	H
Avg									
1	17925.000	47.13	54.0	6.9	48.1	41.2	13.4	5.4	H

Mk.	Freq.(MHz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Ant.F/G.(dB/m)	Amp.G.(dB)	Cbl.L.(dB)	Aux.F.(dB)	Pol.
Peak:									
1	4824.000	40.4	74.0	33.6	31.3	41.9	6.4	0.5	V
2	5745.000	43.4	-	-	32.3	42.2	7.5	0.4	V
3	10575.000	49.2	-	-	39.7	42.0	9.4	0.4	V
4	17925.000	56.5	74.0	17.5	48.1	41.2	13.4	5.4	V
Avg									
1	17925.000	47.2	54.0	6.8	48.1	41.2	13.4	5.4	V

EMC Lab.

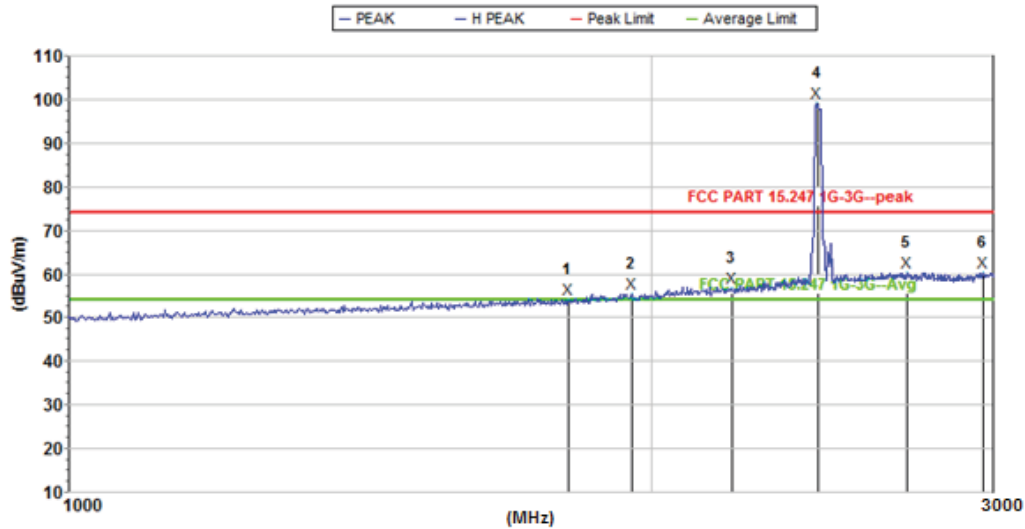
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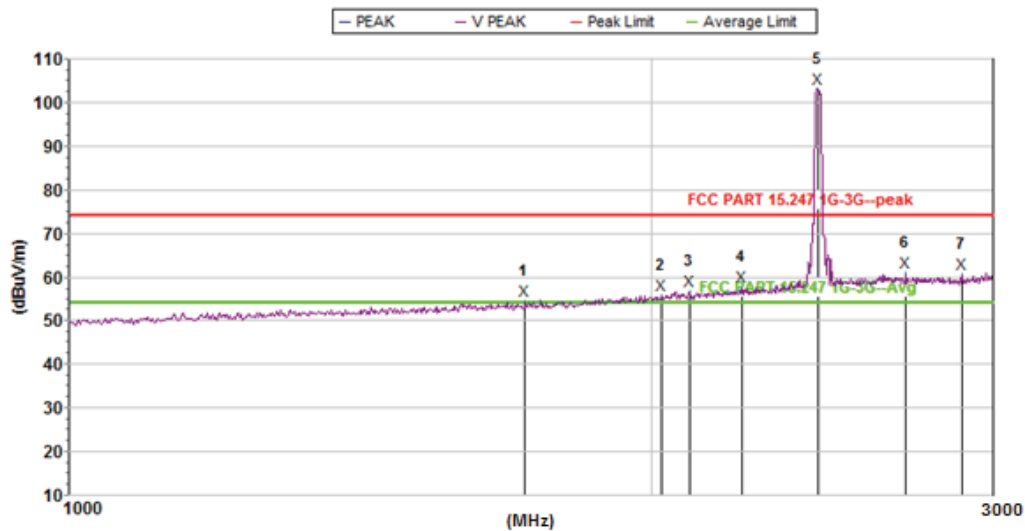


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Spurious Emission 802.11g Ch 6 2437MHz 1-3GHz Horizontal



Spurious Emission 802.11g Ch 6 2437MHz 1-3GHz Vertical



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Mk.	Freq.(MHz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Ant.F/G.(dB/m)	Amp.G.(dB)	Cbl.L.(dB)	Aux.F.(dB)	Pol.
Peak:									
1	1810.000	54.4	-	-	25.9	0.0	3.8	0.0	H
2	1952.000	55.6	-	-	26.1	0.0	4.0	0.0	H
3	2198.000	57.0	-	-	26.7	0.0	4.2	0.0	H
4 F	2437	99.4	-	-	27.4	0.0	4.4	0.0	H
5	2706.000	60.5	74.0	13.5	28.0	0.0	4.6	0.0	H
6	2964.000	60.6	-	-	28.4	0.0	4.8	0.0	H
Avg									
1	1810.000	43.11	-	-	25.9	0.0	3.8	0.0	H
2	1952.000	43.69	-	-	26.1	0.0	4.0	0.0	H
3	2198.000	44.93	-	-	26.7	0.0	4.2	0.0	H
4	2706.000	45.64	54.0	8.4	28.0	0.0	4.6	0.0	H
5	2964.000	47.69	-	-	28.4	0.0	4.8	0.0	H

Mk.	Freq.(MHz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Ant.F/G.(dB/m)	Amp.G.(dB)	Cbl.L.(dB)	Aux.F.(dB)	Pol.
Peak:									
1	1720.000	54.8	74.0	19.2	25.8	0.0	3.6	0.0	V
2	2024.000	55.8	-	-	26.2	0.0	4.1	0.0	V
3	2090.000	56.8	-	-	26.4	0.0	4.1	0.0	V
4	2224.000	57.8	74.0	16.2	26.8	0.0	4.2	0.0	V
5 F	2437	103.3	-	-	27.4	0.0	4.4	0.0	V
6	2704.000	61.1	74.0	12.9	28.0	0.0	4.6	0.0	V
7	2890.000	60.7	74.0	13.3	28.3	0.0	4.6	0.0	V
Avg									
1	1720.000	43.36	54.0	10.6	25.8	0.0	3.6	0.0	V
2	2024.000	44.21	-	-	26.2	0.0	4.1	0.0	V
3	2090.000	44.37	-	-	26.4	0.0	4.1	0.0	V
4	2224.000	44.96	54.0	9.0	26.8	0.0	4.2	0.0	V
5	2704.000	46.13	54.0	7.9	28.0	0.0	4.6	0.0	V
6	2890.000	47.29	54.0	6.7	28.3	0.0	4.6	0.0	V

EMC Lab.

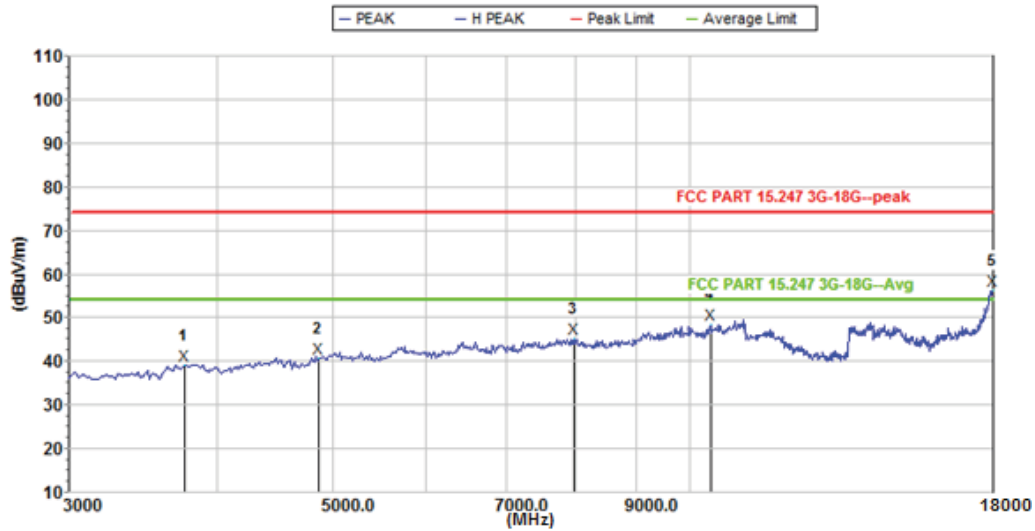
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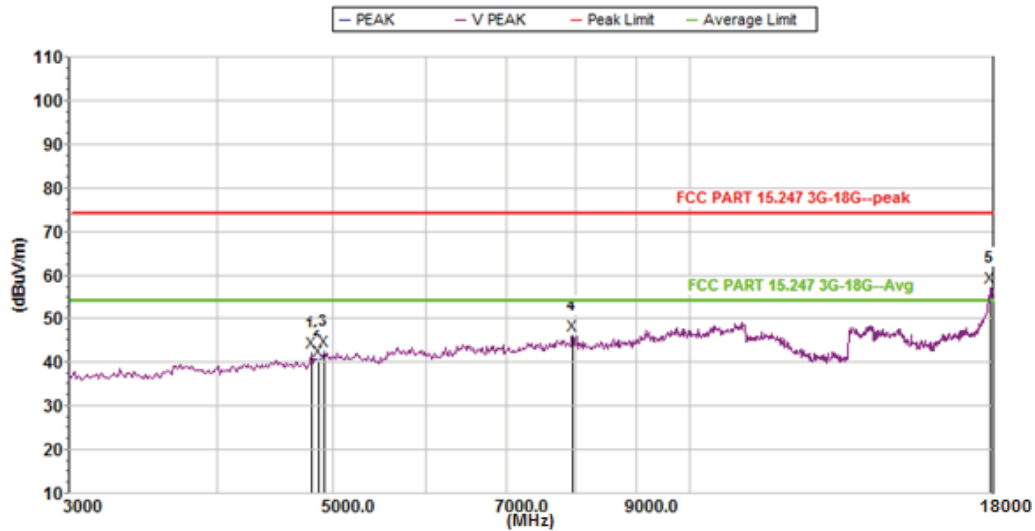


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Spurious Emission 802.11g Ch 6 2437MHz 3-18GHz Horizontal



Spurious Emission 802.11g Ch 6 2437MHz 3-18GHz Vertical



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Mk.	Freq.(MHz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Ant.F/G.(dB/m)	Amp.G.(dB)	Cbl.L.(dB)	Aux.F.(dB)	Pol.
Peak:									
1	3750.000	39.2	74.0	34.8	29.2	41.3	5.5	0.2	H
2	4874.000	40.6	74.0	33.4	31.3	41.9	6.5	0.6	H
3	7980.000	45.3	-	-	37.1	42.2	7.5	0.1	H
4	10410.000	48.4	-	-	39.4	41.9	9.0	0.4	H
5	17985.000	56.3	74.0	17.7	48.9	41.3	12.4	5.5	H
Avg									
1	17985.000	47.05	54.0	7.0	48.9	41.3	12.4	5.5	H

Mk.	Freq.(MHz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Ant.F/G.(dB/m)	Amp.G.(dB)	Cbl.L.(dB)	Aux.F.(dB)	Pol.
Peak:									
1	4800.000	42.5	74.0	31.5	31.2	41.9	6.4	0.5	V
2	4874.000	40.3	74.0	33.7	31.3	41.9	6.5	0.6	V
3	4920.000	42.7	74.0	31.3	31.4	41.9	6.5	0.6	V
4	7965.000	-	-	27.9	37.1	42.2	7.5	0.1	V
5	17925.000	57.1	74.0	16.9	48.1	41.2	13.4	5.4	V
Avg									
1	17925.000	47.24	54.0	6.8	48.1	41.2	13.4	5.4	V

EMC Lab.

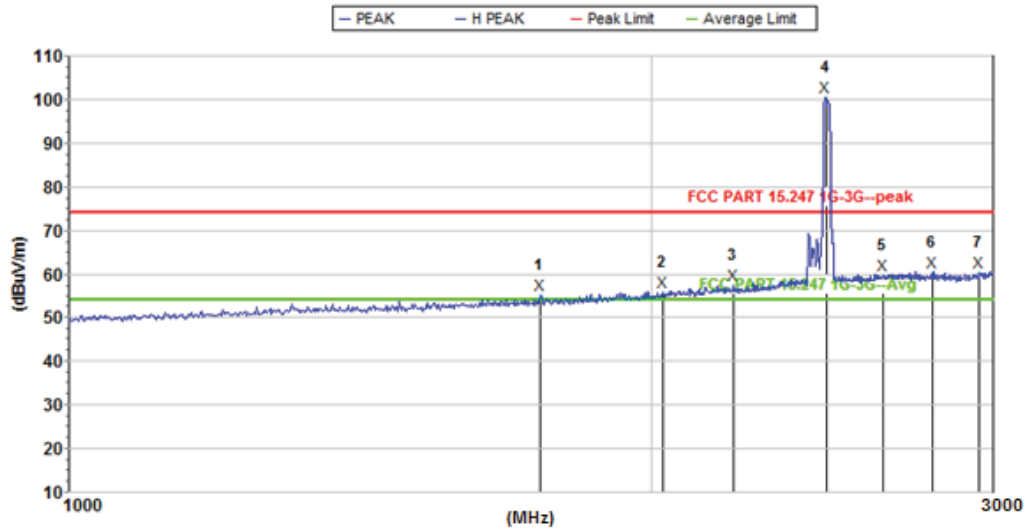
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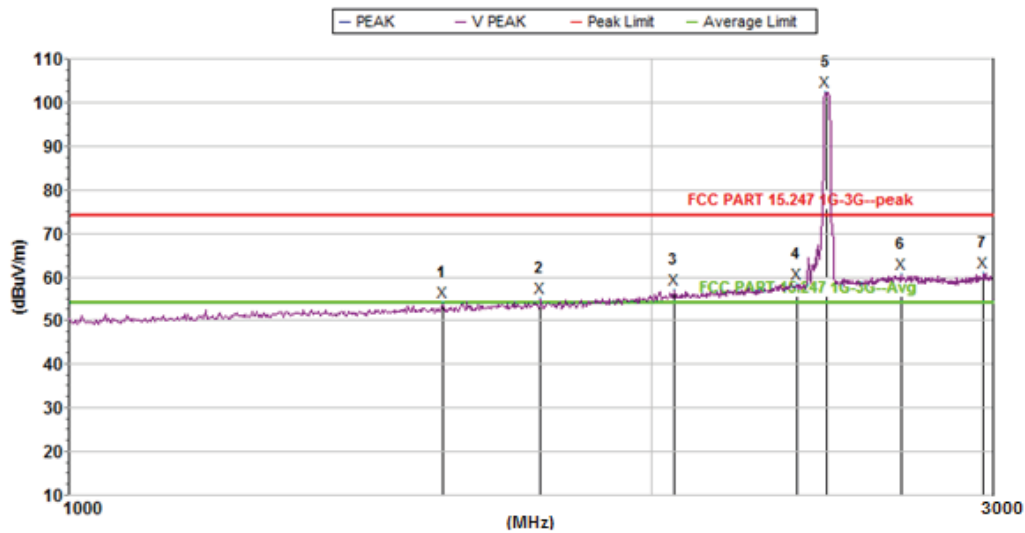


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Spurious Emission 802.11g Ch 11 2462MHz 1-3GHz Horizontal



Spurious Emission 802.11g Ch 11 2462MHz 1-3GHz Vertical



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Mk.	Freq.(MHz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Ant.F/G.(dB/m)	Amp.G.(dB)	Cbl.L.(dB)	Aux.F.(dB)	Pol.
Peak:									
1	1750.000	55.3	-	-	25.9	0.0	3.7	0.0	H
2	2026.000	56.1	-	-	26.2	0.0	4.1	0.0	H
3	2202.000	57.6	74.0	16.4	26.7	0.0	4.2	0.0	H
4 F	2462	100.5	-	-	27.5	0.0	4.4	0.0	H
5	2632.000	60.0	-	-	27.8	0.0	4.6	0.0	H
6	2790.000	60.5	74.0	13.5	28.1	0.0	4.6	0.0	H
7	2950.000	60.6	-	-	28.4	0.0	4.7	0.0	H
Avg									
1	1750.000	43.17	-	-	25.9	0.0	3.7	0.0	H
2	2026.000	44.16	-	-	26.2	0.0	4.1	0.0	H
3	2202.000	44.79	54.0	9.2	26.7	0.0	4.2	0.0	H
4	2632.000	45.62	-	-	27.8	0.0	4.6	0.0	H
5	2790.000	46.21	54.0	7.8	28.1	0.0	4.6	0.0	H
6	2950.000	47.93	-	-	28.4	0.0	4.7	0.0	H

Mk.	Freq.(MHz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Ant.F/G.(dB/m)	Amp.G.(dB)	Cbl.L.(dB)	Aux.F.(dB)	Pol.
Peak:									
1	1560.000	54.2	74.0	19.8	25.7	0.0	3.4	0.0	V
2	1752.000	55.2	-	-	25.9	0.0	3.7	0.0	V
3	2054.000	57.3	-	-	26.3	0.0	4.1	0.0	V
4	2378.000	58.6	74.0	15.4	27.2	0.0	4.3	0.0	V
5 F	2462	102.5	-	-	27.5	0.0	4.4	0.0	V
6	2688.000	60.7	-	-	27.9	0.0	4.6	0.0	V
7	2966.000	61.0	-	-	28.4	0.0	4.8	0.0	V
Avg									
1	1560.000	42.16	54.0	11.8	25.7	0.0	3.4	0.0	V
2	1752.000	43.33	-	-	25.9	0.0	3.7	0.0	V
3	2054.000	44.51	-	-	26.3	0.0	4.1	0.0	V
4	2378.000	45.26	54.0	8.7	27.2	0.0	4.3	0.0	V
5	2688.000	46.73	-	-	27.9	0.0	4.6	0.0	V
6	2966.000	47.91	-	-	28.4	0.0	4.8	0.0	V

EMC Lab.

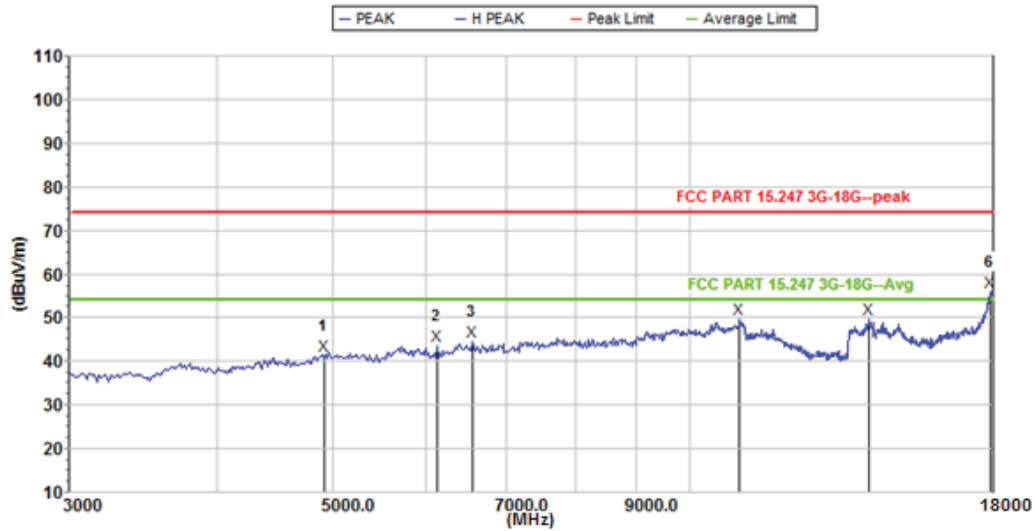
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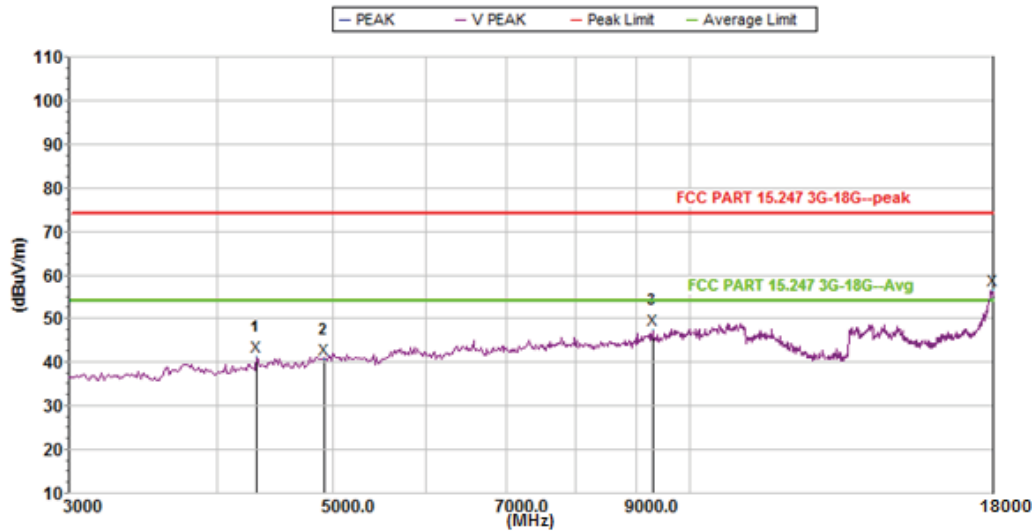


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Spurious Emission 802.11g Ch 11 2462MHz 3-18GHz Horizontal



Spurious Emission 802.11g Ch 11 2462MHz 3-18GHz Vertical



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Mk.	Freq.(MHz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Ant.F/G.(dB/m)	Amp.G.(dB)	Cbl.L.(dB)	Aux.F.(dB)	Pol.
Peak:									
1	4924.000	41.4	74.0	32.6	31.4	41.9	6.5	0.6	H
2	6120.000	43.6	-	-	33.1	42.2	7.0	0.4	H
3	6555.000	44.5	-	-	34.4	42.2	7.1	0.4	H
4	11010.000	49.7	74.0	24.3	40.3	42.1	10.0	1.0	H
5	14160.000	49.9	-	-	41.1	40.6	10.4	1.1	H
6	17925.000	56.1	74.0	17.9	48.1	41.2	13.4	5.4	H
Avg									
1	17925.000	47.25	54.0	6.8	48.1	41.2	13.4	5.4	H

Mk.	Freq.(MHz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Ant.F/G.(dB/m)	Amp.G.(dB)	Cbl.L.(dB)	Aux.F.(dB)	Pol.
Peak:									
1	4320.000	41.3	74.0	32.7	30.4	41.6	5.7	0.2	V
2	4924.000	40.8	74.0	33.2	31.4	41.9	6.5	0.6	V
3	9300.000	47.4	74.0	26.6	38.0	41.9	7.9	0.5	V
4	18000.000	56.5	74.0	17.5	49.1	41.3	12.1	5.6	V
Avg									
1	18000.000	47.23	54.0	6.8	49.1	41.3	12.1	5.6	V

EMC Lab.

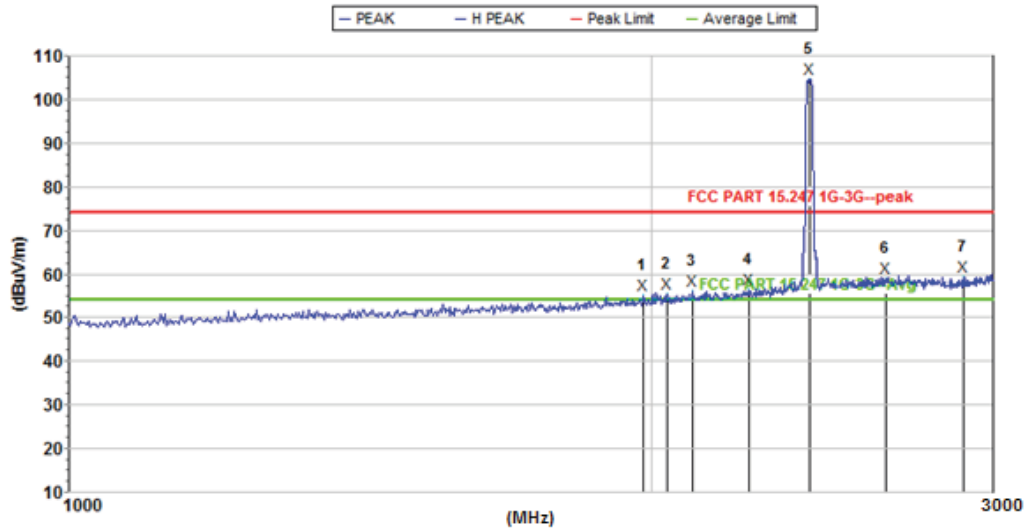
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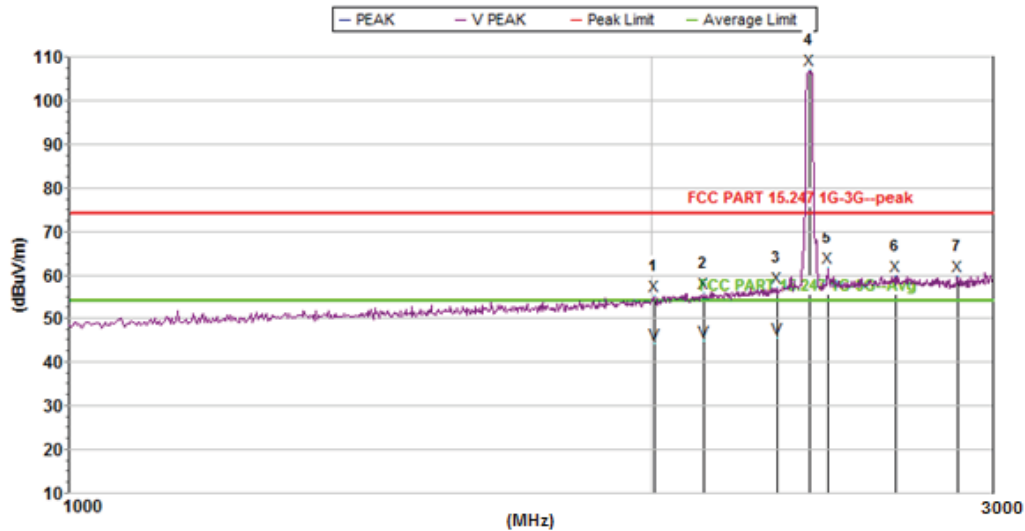


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Spurious Emission 802.11n HT20 Ch 1 2412MHz 1-3GHz Horizontal



Spurious Emission 802.11n HT20 Ch 1 2412MHz 1-3GHz Vertical



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Mk.	Freq.(MHz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Ant.F/G.(dB/m)	Amp.G.(dB)	Cbl.L.(dB)	Aux.F.(dB)	Pol.
Peak:									
1	1980.000	55.2	-	-	26.1	0.0	4.0	0.0	H
2	2036.000	55.7	-	-	26.2	0.0	4.1	0.0	H
3	2100.000	56.3	-	-	26.4	0.0	4.1	0.0	H
4	2246.000	56.7	74.0	17.3	26.8	0.0	4.2	0.0	H
5 F	2412	104.7	-	-	27.3	0.0	4.4	0.0	H
6	2640.000	59.3	-	-	27.9	0.0	4.6	0.0	H
7	2894.000	59.4	74.0	14.6	28.3	0.0	4.6	0.0	H
Avg									
1	1980.000	44.26	-	-	26.1	0.0	4.0	0.0	H
2	2036.000	44.93	-	-	26.2	0.0	4.1	0.0	H
3	2100.000	45.02	-	-	26.4	0.0	4.1	0.0	H
4	2246.000	45.25	54.0	8.8	26.8	0.0	4.2	0.0	H
5	2640.000	46.18	-	-	27.9	0.0	4.6	0.0	H
6	2894.000	47.22	54.0	6.8	28.3	0.0	4.6	0.0	H

Mk.	Freq.(MHz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Ant.F/G.(dB/m)	Amp.G.(dB)	Cbl.L.(dB)	Aux.F.(dB)	Pol.
Peak:									
1	2006.000	55.3	-	-	26.1	0.0	4.1	0.0	V
2	2128.000	55.8	-	-	26.5	0.0	4.1	0.0	V
3	2320.000	57.1	74.0	16.9	27.1	0.0	4.3	0.0	V
4 F	2412	107.0	-	-	27.3	0.0	4.4	0.0	V
5	2464.000	61.9	-	-	27.5	0.0	4.4	0.0	V
6	2670.000	59.8	-	-	27.9	0.0	4.6	0.0	V
7	2876.000	60.0	74.0	14.0	28.3	0.0	4.6	0.0	V
Avg									
1	2006.000	44.37	-	-	26.1	0.0	4.1	0.0	V
2	2128.000	45.01	-	-	26.5	0.0	4.1	0.0	V
3	2320.000	45.62	54.0	8.4	27.1	0.0	4.3	0.0	V
4	2464.000	49.25	-	-	27.5	0.0	4.4	0.0	V
5	2670.000	46.38	-	-	27.9	0.0	4.6	0.0	V
6	2876.000	47.93	54.0	6.1	28.3	0.0	4.6	0.0	V

EMC Lab.

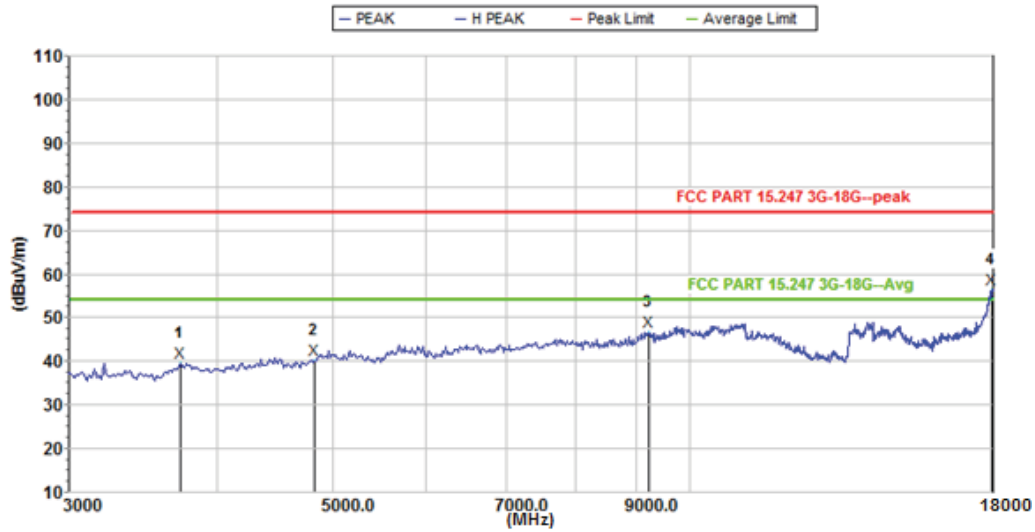
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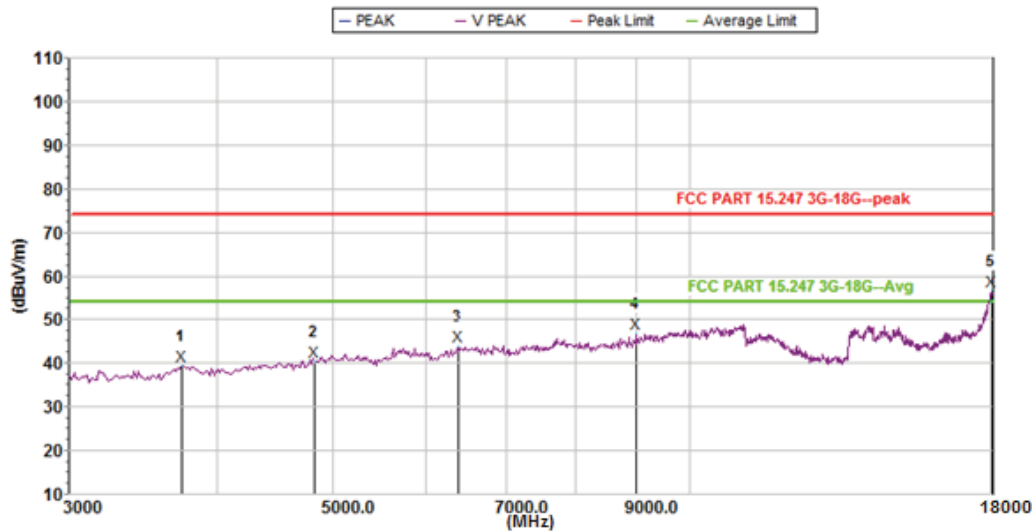


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Spurious Emission 802.11n HT20 Ch 1 2412MHz 3-18GHz Horizontal



Spurious Emission 802.11n HT20 Ch 1 2412MHz 3-18GHz Vertical



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Mk.	Freq.(MHz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Ant.F/G.(dB/m)	Amp.G.(dB)	Cbl.L.(dB)	Aux.F.(dB)	Pol.
Peak:									
1	3720.000	39.9	74.0	34.1	29.1	41.3	5.5	0.3	H
2	4824.000	40.5	74.0	33.5	31.3	41.9	6.4	0.5	H
3	9240.000	47.0	-	-	37.9	41.9	8.0	0.5	H
4	17970.000	56.7	74.0	17.3	48.7	41.3	12.6	5.5	H
Avg									
1	17970.000	47.19	54.0	6.8	48.7	41.3	12.6	5.5	H

Mk.	Freq.(MHz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Ant.F/G.(dB/m)	Amp.G.(dB)	Cbl.L.(dB)	Aux.F.(dB)	Pol.
Peak:									
1	3735.000	39.6	74.0	34.4	29.2	41.3	5.5	0.3	V
2	4824.000	40.5	74.0	33.5	31.3	41.9	6.4	0.5	V
3	6390.000	43.9	-	-	33.9	42.2	7.1	0.4	V
4	9015.000	47.0	74.0	27.0	37.3	42.0	7.8	0.4	V
5	17955.000	56.5	74.0	17.5	48.5	41.3	12.9	5.5	V
Avg									
1	17955.000	47.09	54.0	6.9	48.5	41.3	12.9	5.5	V

EMC Lab.

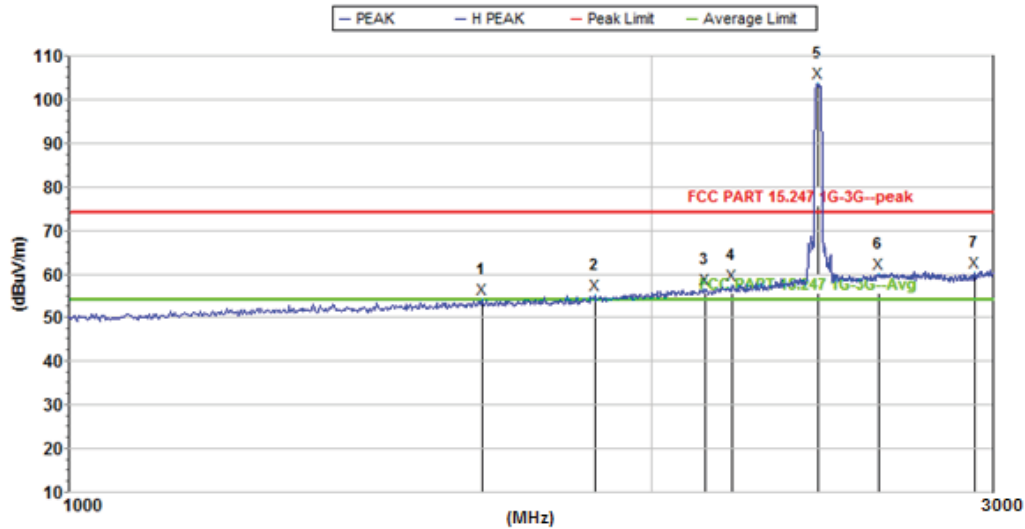
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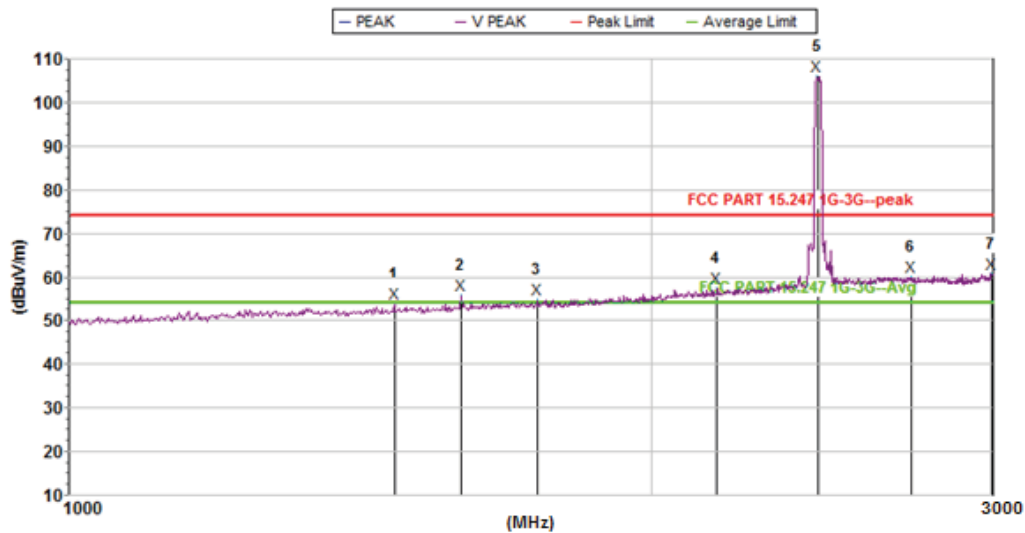


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Spurious Emission 802.11n HT20 Ch 6 2437MHz 1-3GHz Horizontal



Spurious Emission 802.11n HT20 Ch 6 2437MHz 1-3GHz Vertical



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Mk.	Freq.(MHz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Ant.F/G.(dB/m)	Amp.G.(dB)	Cbl.L.(dB)	Aux.F.(dB)	Pol.
Peak:									
1	1634.000	54.4	-	-	25.7	0.0	3.5	0.0	H
2	1868.000	55.2	-	-	26.0	0.0	3.9	0.0	H
3	2130.000	56.7	-	-	26.5	0.0	4.1	0.0	H
4	2198.000	57.5	-	-	26.7	0.0	4.2	0.0	H
5 F	2437	103.8	-	-	27.4	0.0	4.4	0.0	H
6	2620.000	60.3	-	-	27.8	0.0	4.6	0.0	H
7	2934.000	60.6	-	-	28.4	0.0	4.7	0.0	H
Avg									
1	1634.000	43.52	-	-	25.7	0.0	3.5	0.0	H
2	1868.000	44.79	-	-	26.0	0.0	3.9	0.0	H
3	2130.000	45.36	-	-	26.5	0.0	4.1	0.0	H
4	2198.000	45.62	-	-	26.7	0.0	4.2	0.0	H
5	2620.000	46.91	-	-	27.8	0.0	4.6	0.0	H
6	2934.000	48.22	-	-	28.4	0.0	4.7	0.0	H

Mk.	Freq.(MHz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Ant.F/G.(dB/m)	Amp.G.(dB)	Cbl.L.(dB)	Aux.F.(dB)	Pol.
Peak:									
1	1472.000	54.0	74.0	20.0	25.5	0.0	3.3	0.0	V
2	1594.000	55.9	74.0	18.1	25.7	0.0	3.5	0.0	V
3	1746.000	55.0	-	-	25.8	0.0	3.7	0.0	V
4	2160.000	57.6	-	-	26.6	0.0	4.1	0.0	V
5 F	2437	106.0	-	-	27.4	0.0	4.4	0.0	V
6	2724.000	60.3	74.0	13.7	28.0	0.0	4.6	0.0	V
7	2994.000	60.9	-	-	28.5	0.0	4.8	0.0	V
Avg									
1	1472.000	43.17	54.0	10.8	25.5	0.0	3.3	0.0	V
2	1594.000	43.77	54.0	10.2	25.7	0.0	3.5	0.0	V
3	1746.000	44.25	-	-	25.8	0.0	3.7	0.0	V
4	2160.000	45.13	-	-	26.6	0.0	4.1	0.0	V
5	2724.000	46.72	54.0	7.3	28.0	0.0	4.6	0.0	V
6	2994.000	48.03	-	-	28.5	0.0	4.8	0.0	V

EMC Lab.

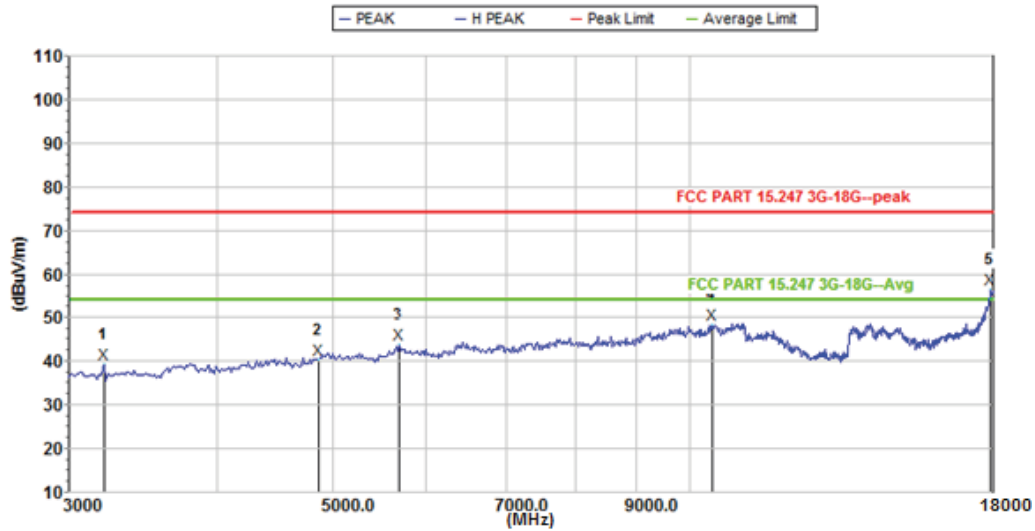
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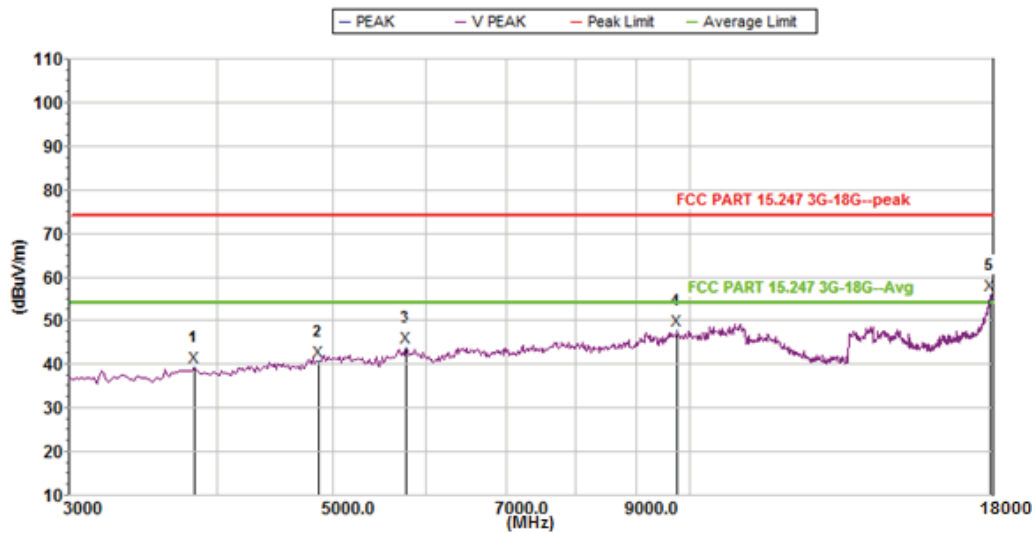


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Spurious Emission 802.11n HT20 Ch 6 2437MHz 3-18GHz Horizontal



Spurious Emission 802.11n HT20 Ch 6 2437MHz 3-18GHz Vertical



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Mk.	Freq.(MHz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Ant.F/G.(dB/m)	Amp.G.(dB)	Cbl.L.(dB)	Aux.F.(dB)	Pol.
Peak:									
1	3210.000	39.5	-	-	28.6	40.9	5.0	0.5	H
2	4874.000	40.4	74.0	33.6	31.3	41.9	6.5	0.6	H
3	5685.000	43.9	-	-	32.3	42.2	7.7	0.4	H
4	10440.000	48.6	-	-	39.5	41.9	9.1	0.3	H
5	17895.000	56.5	74.0	17.5	47.7	41.2	13.7	5.3	H
Avg									
1	17895.000	47.25	54.0	6.8	47.7	41.2	13.7	5.3	H

Mk.	Freq.(MHz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Ant.F/G.(dB/m)	Amp.G.(dB)	Cbl.L.(dB)	Aux.F.(dB)	Pol.
Peak:									
1	3825.000	39.4	74.0	34.6	29.3	41.3	5.5	0.2	V
2	4874.000	40.8	74.0	33.2	31.3	41.9	6.5	0.6	V
3	5775.000	44.0	-	-	32.4	42.2	7.5	0.4	V
4	9765.000	47.9	-	-	38.6	41.8	8.4	0.6	V
5	17925.000	56.1	74.0	17.9	48.1	41.2	13.4	5.4	V
Avg									
1	17925.000	47.21	54.0	6.8	48.1	41.2	13.4	5.4	V

EMC Lab.

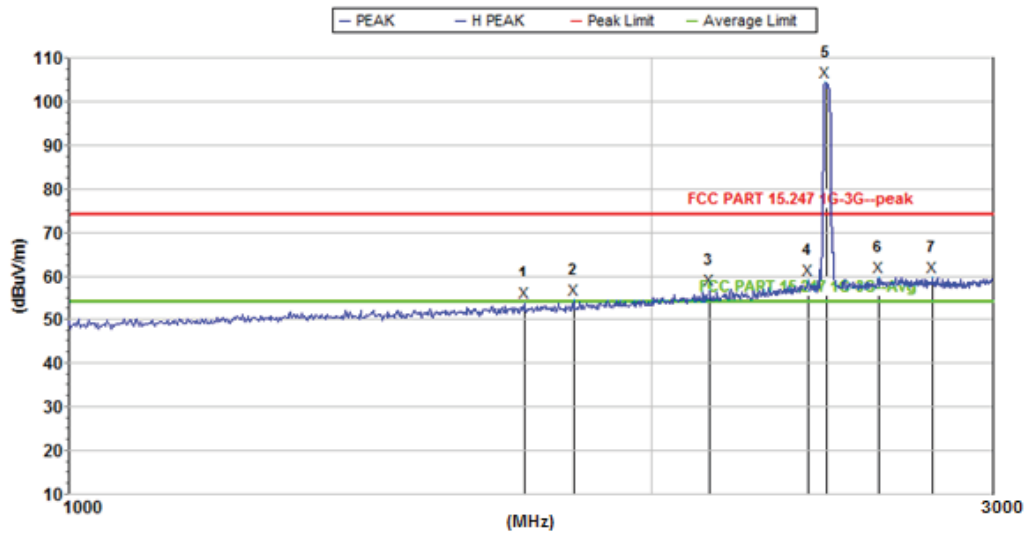
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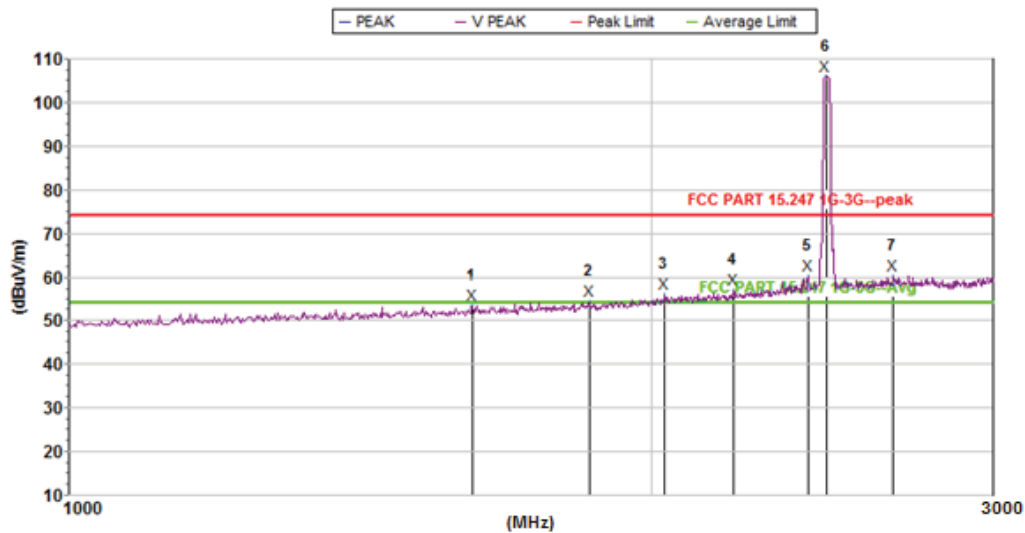


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Spurious Emission 802.11n HT20 Ch 11 2462MHz 1-3GHz Horizontal



Spurious Emission 802.11n HT20 Ch 11 2462 MHz 1-3GHz Vertical



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Mk.	Freq.(MHz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Ant.F/G.(dB/m)	Amp.G.(dB)	Cbl.L.(dB)	Aux.F.(dB)	Pol.
Peak:									
1	1718.000	54.1	-	-	25.8	0.0	3.6	0.0	H
2	1822.000	54.6	-	-	25.9	0.0	3.8	0.0	H
3	2142.000	56.8	-	-	26.5	0.0	4.1	0.0	H
4	2410.000	59.1	-	-	27.3	0.0	4.4	0.0	H
5 F	2462	104.4	-	-	27.5	0.0	4.4	0.0	H
6	2618.000	59.9	-	-	27.8	0.0	4.6	0.0	H
7	2792.000	59.8	74.0	14.2	28.1	0.0	4.6	0.0	H
Avg									
1	1718.000	43.36	-	-	25.8	0.0	3.6	0.0	H
2	1822.000	44.01	-	-	25.9	0.0	3.8	0.0	H
3	2142.000	45.03	-	-	26.5	0.0	4.1	0.0	H
4	2410.000	46.33	-	-	27.3	0.0	4.4	0.0	H
5	2618.000	46.77	-	-	27.8	0.0	4.6	0.0	H
6	2792.000	47.51	54.0	6.5	28.1	0.0	4.6	0.0	H

Mk.	Freq.(MHz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Ant.F/G.(dB/m)	Amp.G.(dB)	Cbl.L.(dB)	Aux.F.(dB)	Pol.
Peak:									
1	1616.000	53.7	74.0	20.3	25.7	0.0	3.5	0.0	V
2	1856.000	54.6	-	-	26.0	0.0	3.9	0.0	V
3	2030.000	56.2	-	-	26.2	0.0	4.1	0.0	V
4	2202.000	57.3	74.0	16.7	26.7	0.0	4.2	0.0	V
5	2408.000	60.4	-	-	27.3	0.0	4.4	0.0	V
6 F	2462	106.2	-	-	27.5	0.0	4.4	0.0	V
7	2664.000	60.5	-	-	27.9	0.0	4.6	0.0	V
Avg									
1	1616.000	43.22	54.0	10.8	25.7	0.0	3.5	0.0	V
2	1856.000	44.11	-	-	26.0	0.0	3.9	0.0	V
3	2030.000	45.36	-	-	26.2	0.0	4.1	0.0	V
4	2202.000	46.08	54.0	7.9	26.7	0.0	4.2	0.0	V
5	2408.000	46.73	-	-	27.3	0.0	4.4	0.0	V
6	2664.000	47.11	-	-	27.9	0.0	4.6	0.0	V

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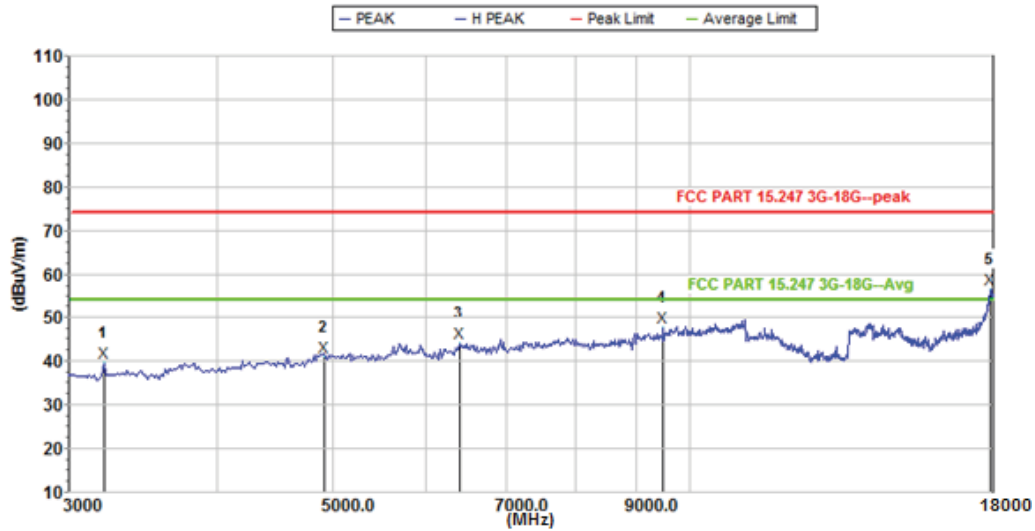
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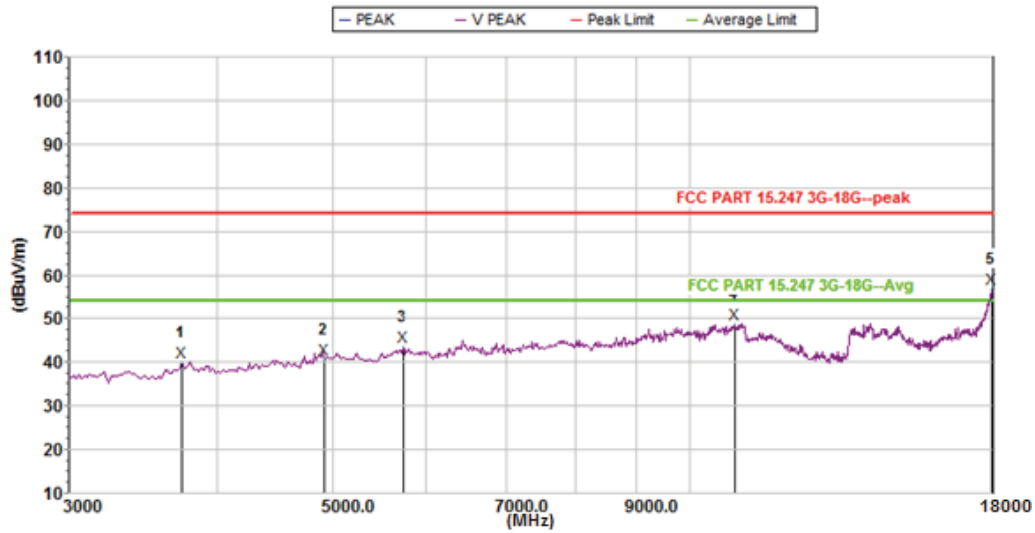


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Spurious Emission 802.11n HT20 Ch 11 2462MHz 3-18GHz Horizontal



Spurious Emission 802.11n HT20 Ch 11 2462 MHz 3-18GHz Vertical



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Mk.	Freq.(MHz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Ant.F/G.(dB/m)	Amp.G.(dB)	Cbl.L.(dB)	Aux.F.(dB)	Pol.
Peak:									
1	3210.000	39.9	-	-	28.6	40.9	5.0	0.5	H
2	4924.000	41.2	74.0	32.8	31.4	41.9	6.5	0.6	H
3	6405.000	44.4	-	-	34.0	42.2	7.1	0.4	H
4	9495.000	48.0	74.0	26.0	38.5	41.8	8.2	0.5	H
5	17895.000	56.7	74.0	17.3	47.7	41.2	13.7	5.3	H
Avg									
1	17895.000	47.11	54.0	6.9	47.7	41.2	13.7	5.3	H

Mk.	Freq.(MHz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Ant.F/G.(dB/m)	Amp.G.(dB)	Cbl.L.(dB)	Aux.F.(dB)	Pol.
Peak:									
1	3735.000	40.1	74.0	33.9	29.2	41.3	5.5	0.3	V
2	4924.000	40.9	74.0	33.1	31.4	41.9	6.5	0.6	V
3	5730.000	43.8	-	-	32.3	42.2	7.6	0.4	V
4	10905.000	48.9	74.0	25.1	40.2	42.0	9.7	0.8	V
5	17970.000	56.9	74.0	17.1	48.7	41.3	12.6	5.5	V
Avg									
1	17970.000	47.09	54.0	6.9	48.7	41.3	12.6	5.5	V

EMC Lab.

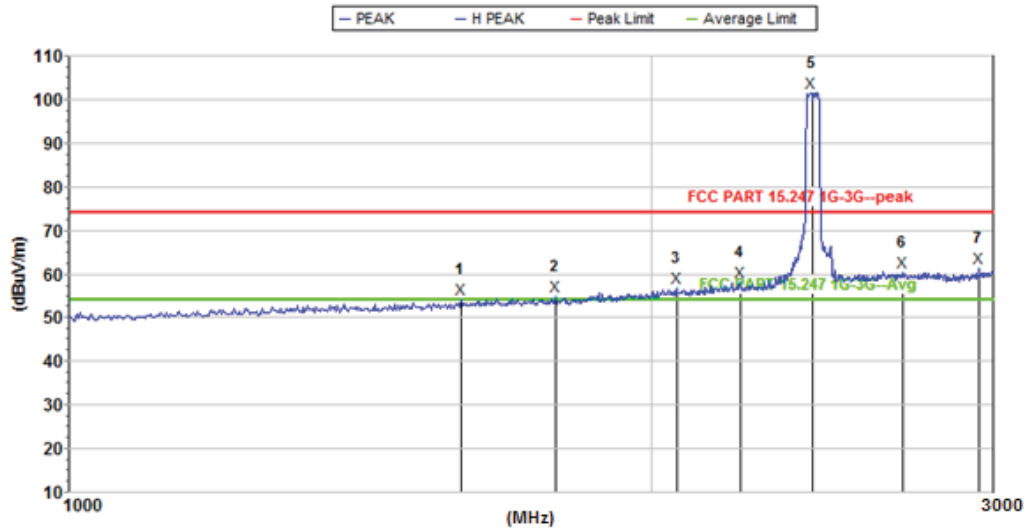
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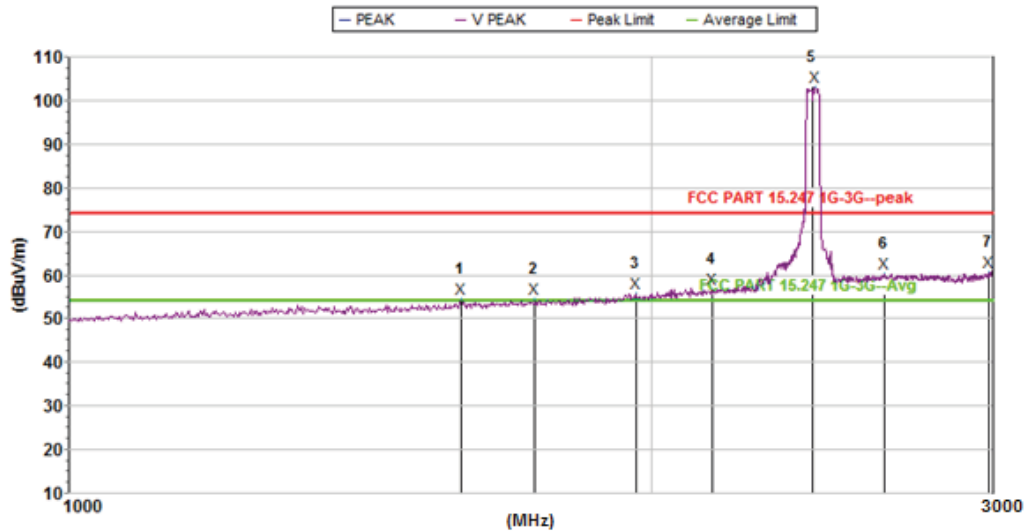


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Spurious Emission 802.11n HT40 Ch 3 2422MHz 1-3GHz Horizontal



Spurious Emission 802.11n HT40 Ch 3 2422 MHz 1-3GHz Vertical



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Mk.	Freq.(MHz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Ant.F/G.(dB/m)	Amp.G.(dB)	Cbl.L.(dB)	Aux.F.(dB)	Pol.
Peak:									
1	1594.000	54.3	74.0	19.7	25.7	0.0	3.5	0.0	H
2	1784.000	55.0	-	-	25.9	0.0	3.7	0.0	H
3	2060.000	56.9	-	-	26.3	0.0	4.1	0.0	H
4	2222.000	58.1	74.0	15.9	26.8	0.0	4.2	0.0	H
5 F	2422	101.7	-	-	27.4	0.0	4.4	0.0	H
6	2696.000	60.5	74.0	13.5	28.0	0.0	4.6	0.0	H
7	2950.000	61.3	-	-	28.4	0.0	4.7	0.0	H
Avg									
1	1594.000	43.52	54.0	10.5	25.7	0.0	3.5	0.0	H
2	1784.000	43.91	-	-	25.9	0.0	3.7	0.0	H
3	2060.000	44.63	-	-	26.3	0.0	4.1	0.0	H
4	2222.000	44.99	54.0	9.0	26.8	0.0	4.2	0.0	H
5	2696.000	46.77	54.0	7.2	28.0	0.0	4.6	0.0	H
6	2950.000	48.37	-	-	28.4	0.0	4.7	0.0	H

Mk.	Freq.(MHz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Ant.F/G.(dB/m)	Amp.G.(dB)	Cbl.L.(dB)	Aux.F.(dB)	Pol.
Peak:									
1	1594.000	54.7	74.0	19.3	25.7	0.0	3.5	0.0	V
2	1740.000	54.7	-	-	25.8	0.0	3.7	0.0	V
3	1962.000	55.8	-	-	26.1	0.0	4.0	0.0	V
4	2148.000	57.0	-	-	26.5	0.0	4.1	0.0	V
5 F	2422	103.1	-	-	27.4	0.0	4.4	0.0	V
6	2636.000	60.4	-	-	27.8	0.0	4.6	0.0	V
7	2984.000	60.9	-	-	28.5	0.0	4.8	0.0	V
Avg									
1	1594.000	42.97	54.0	11.0	25.7	0.0	3.5	0.0	V
2	1740.000	43.55	-	-	25.8	0.0	3.7	0.0	V
3	1962.000	44.14	-	-	26.1	0.0	4.0	0.0	V
4	2148.000	45.43	-	-	26.5	0.0	4.1	0.0	V
5	2636.000	46.59	-	-	27.8	0.0	4.6	0.0	V
6	2984.000	48.52	-	-	28.5	0.0	4.8	0.0	V

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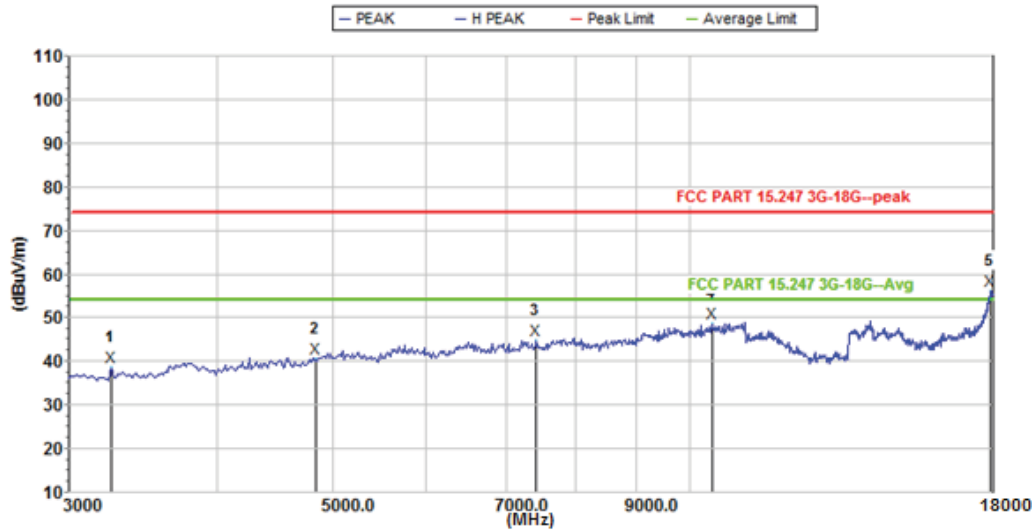
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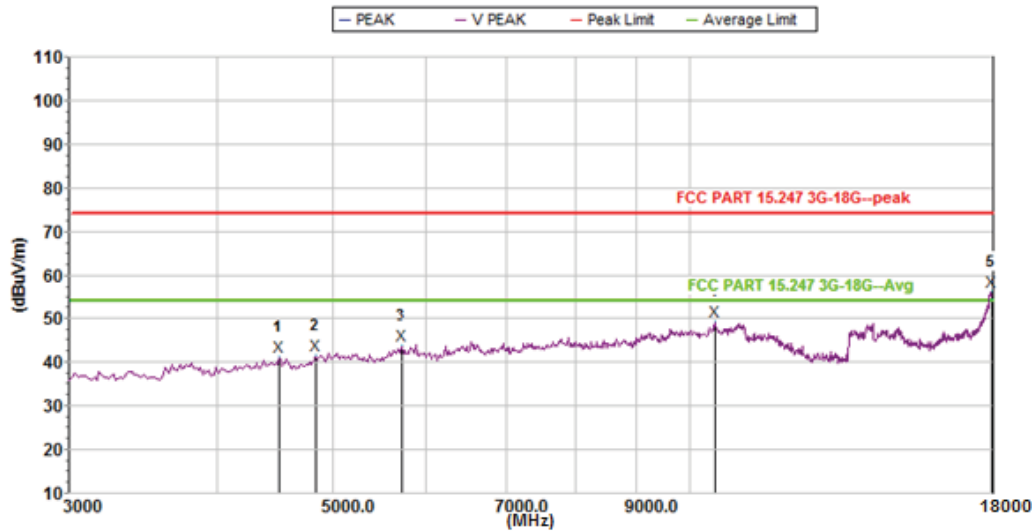


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Spurious Emission 802.11n HT40 Ch 3 2422MHz 3-18GHz Horizontal



Spurious Emission 802.11n HT40 Ch 3 2422 MHz 3-18GHz Vertical



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Mk.	Freq.(MHz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Ant.F/G.(dB/m)	Amp.G.(dB)	Cbl.L.(dB)	Aux.F.(dB)	Pol.
Peak:									
1	3255.000	38.7	-	-	28.6	40.9	5.0	0.5	H
2	4844.000	40.9	74.0	33.1	31.3	41.9	6.4	0.6	H
3	7425.000	44.9	74.0	29.1	36.4	42.2	7.3	0.1	H
4	10440.000	48.7	-	-	39.5	41.9	9.1	0.3	H
5	17910.000	56.3	74.0	17.7	47.9	41.2	13.6	5.4	H
Avg									
1	17910.000	47.09	54.0	6.9	47.9	41.2	13.6	5.4	H

Mk.	Freq.(MHz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Ant.F/G.(dB/m)	Amp.G.(dB)	Cbl.L.(dB)	Aux.F.(dB)	Pol.
Peak:									
1	4515.000	41.3	74.0	32.7	30.8	41.7	6.0	0.3	V
2	4844.000	41.6	74.0	32.4	31.3	41.9	6.4	0.6	V
3	5715.000	44.0	-	-	32.3	42.2	7.6	0.4	V
4	10500.000	49.5	-	-	39.6	42.0	9.2	0.3	V
5	17970.000	56.3	74.0	17.7	48.7	41.3	12.6	5.5	V
Avg									
1	17970.000	47.22	54.0	6.8	48.7	41.3	12.6	5.5	V

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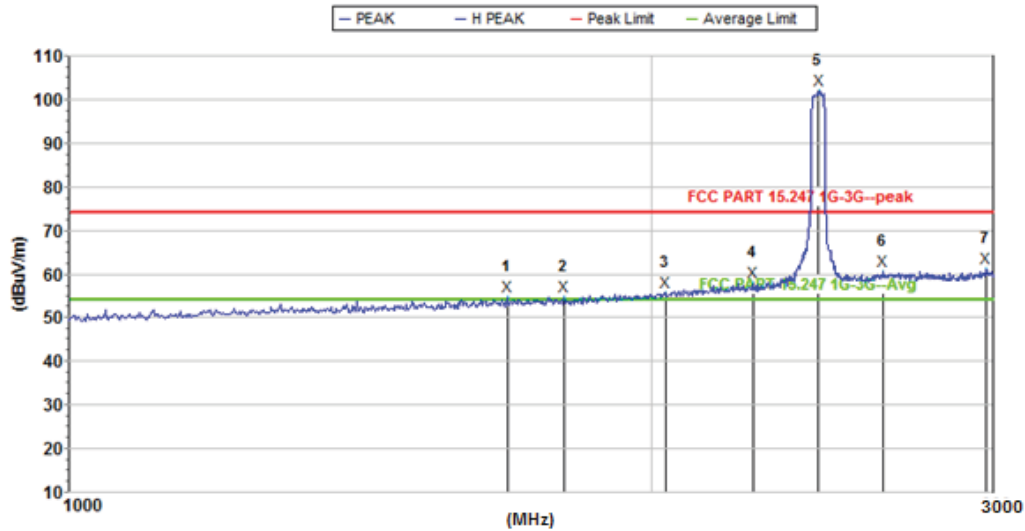
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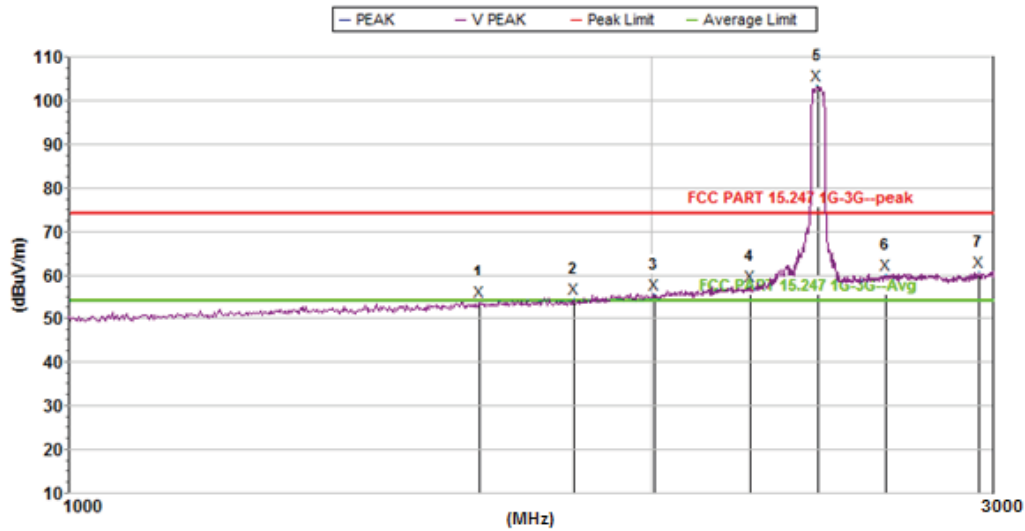


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Spurious Emission 802.11n HT40 Ch 6 2437MHz 1-3GHz Horizontal



Spurious Emission 802.11n HT40 Ch 6 2437 MHz 1-3GHz Vertical



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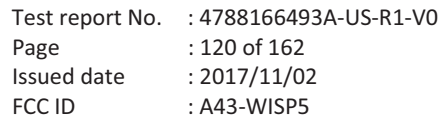
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Peak:									
1	1684.000	54.9	74.0	19.1	25.8	0.0	3.6	0.0	H
2	1802.000	54.9	-	-	25.9	0.0	3.8	0.0	H
3	2032.000	56.0	-	-	26.2	0.0	4.1	0.0	H
4	2254.000	58.2	74.0	15.8	26.9	0.0	4.2	0.0	H
5 F	2437	102.1	-	-	27.4	0.0	4.4	0.0	H
6	2632.000	60.9	-	-	27.8	0.0	4.6	0.0	H
7	2976.000	61.5	-	-	28.5	0.0	4.8	0.0	H
Avg									
1	1684.000	43.41	54.0	10.6	25.8	0.0	3.6	0.0	H
2	1802.000	44.25	-	-	25.9	0.0	3.8	0.0	H
3	2032.000	44.82	-	-	26.2	0.0	4.1	0.0	H
4	2254.000	45.26	54.0	8.7	26.9	0.0	4.2	0.0	H
5	2632.000	46.51	-	-	27.8	0.0	4.6	0.0	H
6	2976.000	48.33	-	-	28.5	0.0	4.8	0.0	H

Mk.	Freq.(MHz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Ant.F/G.(dB/m)	Amp.G.(dB)	Cbl.L.(dB)	Aux.F.(dB)	Pol.
Peak:									
1	1628.000	54.0	-	-	25.7	0.0	3.5	0.0	V
2	1822.000	54.8	-	-	25.9	0.0	3.8	0.0	V
3	2006.000	55.7	-	-	26.1	0.0	4.1	0.0	V
4	2248.000	57.6	74.0	16.4	26.8	0.0	4.2	0.0	V
5 F	2437	103.6	-	-	27.4	0.0	4.4	0.0	V
6	2640.000	60.3	-	-	27.9	0.0	4.6	0.0	V
7	2950.000	60.7	-	-	28.4	0.0	4.7	0.0	V
Avg									
1	1628.000	43.1	-	-	25.7	0.0	3.5	0.0	V
2	1822.000	43.93	-	-	25.9	0.0	3.8	0.0	V
3	2006.000	44.55	-	-	26.1	0.0	4.1	0.0	V
4	2248.000	45.26	54.0	8.7	26.8	0.0	4.2	0.0	V
5	2640.000	46.53	-	-	27.9	0.0	4.6	0.0	V
6	2950.000	48.34	-	-	28.4	0.0	4.7	0.0	V

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The spectrum plot displays the following data series:

- PEAK**: Blue line representing the measured peak signal.
- H PEAK**: Blue line representing the measured peak signal (likely a duplicate of the PEAK line).
- Peak Limit**: Red horizontal line at approximately 75 dBuV/m, labeled "FCC PART 15.247 3G-18G--peak".
- Average Limit**: Green horizontal line at approximately 55 dBuV/m, labeled "FCC PART 15.247 3G-18G-Avg".

The plot includes four vertical markers labeled 1, 2, 3, and 4, indicating specific frequency points of interest. The signal level is consistently below the Average Limit across the entire frequency range.

The plot displays the Power Spectral Density (PSD) in dBuV/m across a frequency range from 3000 MHz to 18000 MHz. The measured signal is shown as a purple line. Two horizontal reference lines are present: a red line at approximately 75 dBuV/m labeled 'FCC PART 15.247 3G-18G--peak' and a green line at approximately 55 dBuV/m labeled 'FCC PART 15.247 3G-18G--Avg'. Four specific frequency points are marked with 'X' and numbered 1 through 4, corresponding to the data points in the table below.

Point	Frequency (MHz)	PSD (dBuV/m)
1	4700.0	43
2	6300.0	46
3	10700.0	48
4	17800.0	58

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Mk.	Freq.(MHz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Ant.F/G.(dB/m)	Amp.G.(dB)	Cbl.L.(dB)	Aux.F.(dB)	Pol.
Peak:									
1	4874.000	40.8	74.0	33.2	31.3	41.9	6.5	0.6	H
2	7755.000	45.8	-	-	36.8	42.2	7.4	0.1	H
3	10785.000	48.3	74.0	25.7	40.0	42.0	9.6	0.7	H
4	17895.000	56.2	74.0	17.8	47.7	41.2	13.7	5.3	H
Avg									
1	17895.000	47.11	54.0	6.9	47.7	41.2	13.7	5.3	H

Mk.	Freq.(MHz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Ant.F/G.(dB/m)	Amp.G.(dB)	Cbl.L.(dB)	Aux.F.(dB)	Pol.
Peak:									
1	4874.000	41.7	74.0	32.3	31.3	41.9	6.5	0.6	V
2	6495.000	44.7	-	-	34.3	42.2	7.0	0.4	V
3	11010.000	48.9	74.0	25.1	40.3	42.1	10.0	1.0	V
4	17970.000	56.3	74.0	17.7	48.7	41.3	12.6	5.5	V
Avg									
1	17970.000	47.25	54.0	6.8	48.7	41.3	12.6	5.5	V

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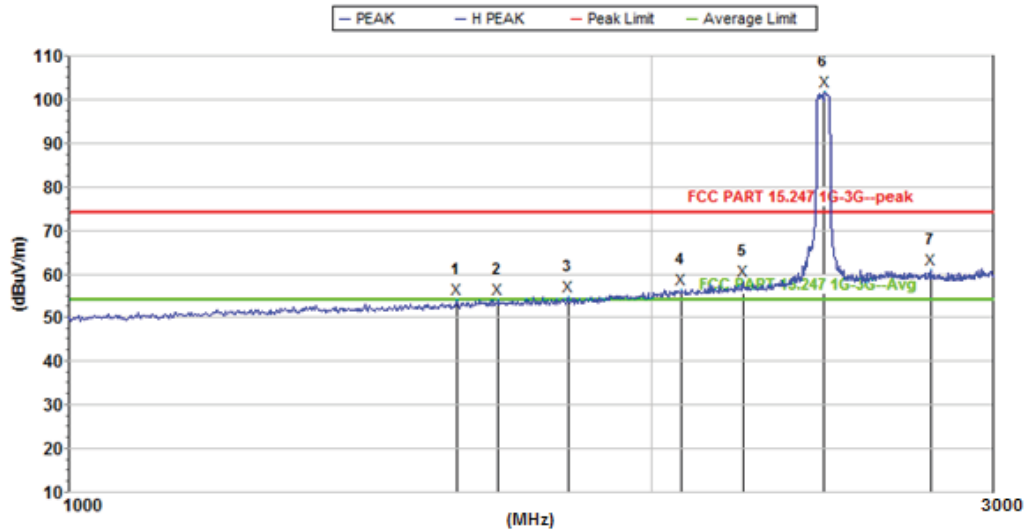
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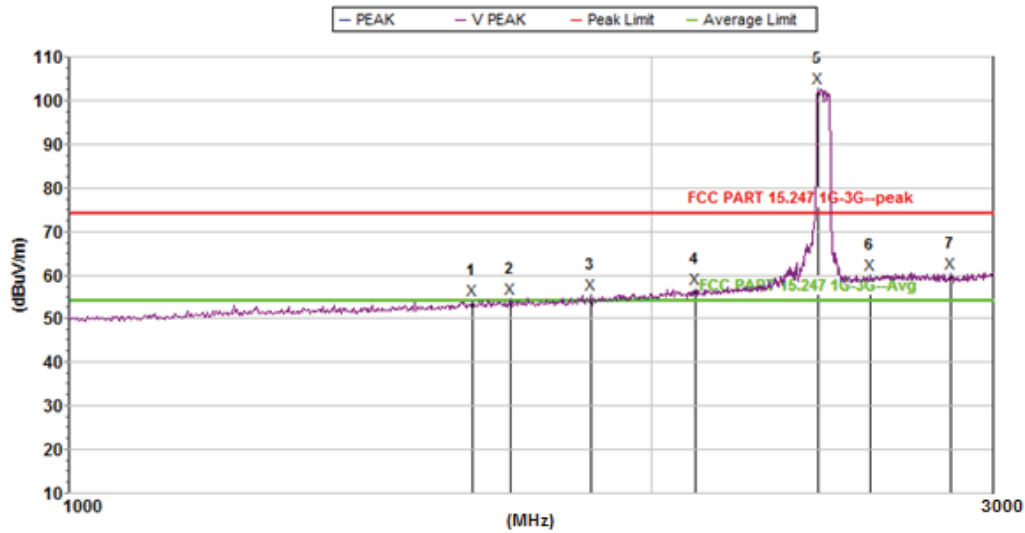


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Spurious Emission 802.11n HT40 Ch 9 2452MHz 1-3GHz Horizontal



Spurious Emission 802.11n HT40 Ch 9 2452 MHz 1-3GHz Vertical



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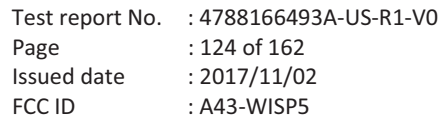
Mk.	Freq.(MHz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Ant.F/G.(dB/m)	Amp.G.(dB)	Cbl.L.(dB)	Aux.F.(dB)	Pol.
Peak:									
1	1586.000	54.3	74.0	19.7	25.7	0.0	3.5	0.0	H
2	1666.000	54.3	74.0	19.7	25.8	0.0	3.6	0.0	H
3	1810.000	55.1	-	-	25.9	0.0	3.8	0.0	H
4	2072.000	56.5	-	-	26.3	0.0	4.1	0.0	H
5	2228.000	58.4	74.0	15.6	26.8	0.0	4.2	0.0	H
6 F	2452	101.8	-	-	27.5	0.0	4.4	0.0	H
7	2786.000	61.0	74.0	13.0	28.1	0.0	4.6	0.0	H
Avg									
1	1586.000	42.97	54.0	11.0	25.7	0.0	3.5	0.0	H
2	1666.000	43.28	54.0	10.7	25.8	0.0	3.6	0.0	H
3	1810.000	43.76	-	-	25.9	0.0	3.8	0.0	H
4	2072.000	44.51	-	-	26.3	0.0	4.1	0.0	H
5	2228.000	45.03	54.0	9.0	26.8	0.0	4.2	0.0	H
6	2786.000	47.49	54.0	6.5	28.1	0.0	4.6	0.0	H

Mk.	Freq.(MHz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Ant.F/G.(dB/m)	Amp.G.(dB)	Cbl.L.(dB)	Aux.F.(dB)	Pol.
Peak:									
1	1616.000	54.2	74.0	19.8	25.7	0.0	3.5	0.0	V
2	1690.000	54.7	74.0	19.3	25.8	0.0	3.6	0.0	V
3	1860.000	55.5	-	-	26.0	0.0	3.9	0.0	V
4	2106.000	56.9	-	-	26.4	0.0	4.1	0.0	V
5 F	2452	102.9	-	-	27.4	0.0	4.4	0.0	V
6	2594.000	60.3	-	-	27.8	0.0	4.6	0.0	V
7	2854.000	60.4	74.0	13.6	28.2	0.0	4.6	0.0	V
Avg									
1	1616.000	43.52	54.0	10.5	25.7	0.0	3.5	0.0	V
2	1690.000	43.66	54.0	10.3	25.8	0.0	3.6	0.0	V
3	1860.000	44.51	-	-	26.0	0.0	3.9	0.0	V
4	2106.000	45.73	-	-	26.4	0.0	4.1	0.0	V
5	2594.000	46.25	-	-	27.8	0.0	4.6	0.0	V
6	2854.000	47.73	54.0	6.3	28.2	0.0	4.6	0.0	V

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The plot shows the Power Spectral Density (PSD) in dBuV/m on the y-axis (ranging from 10 to 110) against Frequency in MHz on the x-axis (ranging from 3000 to 18000). The measured signal is represented by a blue line. Two horizontal lines indicate the limits: a red line for the Peak Limit at approximately 75 dBuV/m and a green line for the Average Limit at approximately 55 dBuV/m. The signal is generally below the average limit, with a small peak near 18000 MHz. Vertical lines with 'X' markers are placed at 5000.0 MHz, 9000.0 MHz, and 18000 MHz.

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Mk.	Freq.(MHz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Ant.F/G.(dB/m)	Amp.G.(dB)	Cbl.L.(dB)	Aux.F.(dB)	Pol.
Peak:									
1	4904.000	41.8	74.0	32.2	31.4	41.9	6.5	0.6	H
2	10440.000	48.7	-	-	39.5	41.9	9.1	0.3	H
3	17955.000	56.3	74.0	17.7	48.5	41.3	12.9	5.5	H
Avg									
1	17955.000	47.6	54.0	6.4	48.5	41.3	12.9	5.5	H

Mk.	Freq.(MHz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Ant.F/G.(dB/m)	Amp.G.(dB)	Cbl.L.(dB)	Aux.F.(dB)	Pol.
Peak:									
1	4904.000	40.8	74.0	33.2	31.4	41.9	6.5	0.6	V
2	6375.000	43.7	-	-	33.9	42.2	7.1	0.4	V
3	11010.000	48.9	74.0	25.1	40.3	42.1	10.0	1.0	V
4	17895.000	56.4	74.0	17.6	47.7	41.2	13.7	5.3	V
Avg									
1	17895.000	47.11	54.0	6.9	47.7	41.2	13.7	5.3	V

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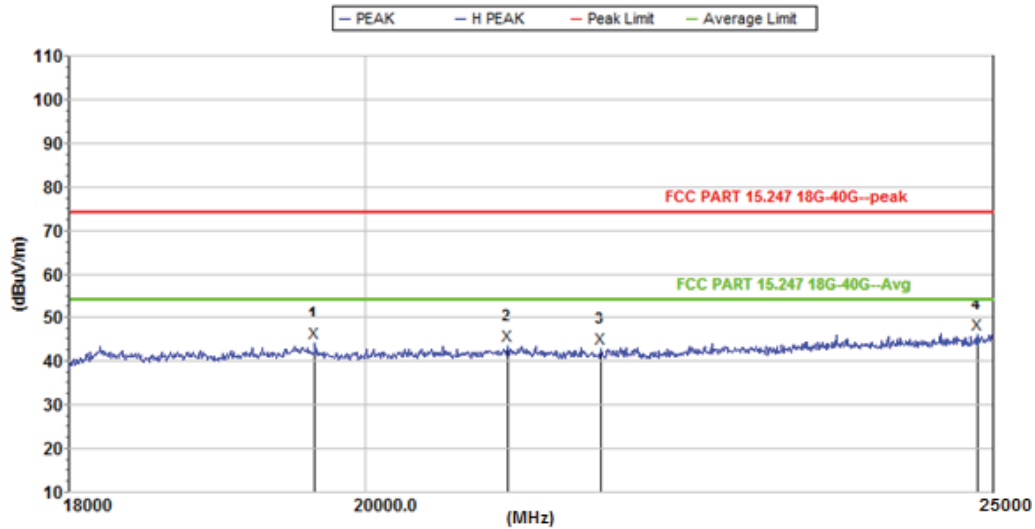
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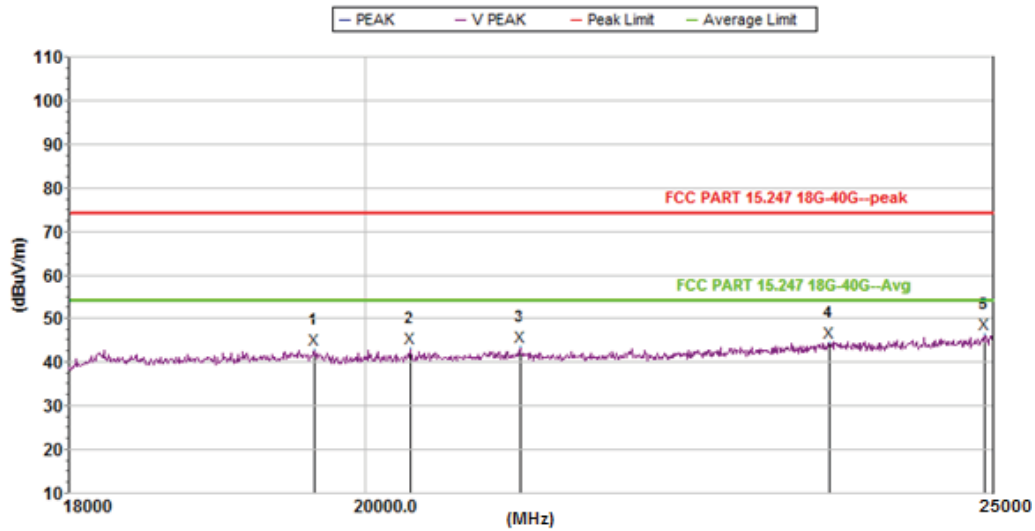


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Spurious Emission Worst case 18-25GHz Horizontal



Spurious Emission Worst case 18-25GHz Vertical



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Mk.	Freq.(MHz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Ant.F/G.(dB/m)	Amp.G.(dB)	Cbl.L.(dB)	Aux.F.(dB)	Pol.
Peak:									
1	19645.000	44.4	74.0	29.6	37.1	44.5	16.4	0.0	H
2	21038.000	43.7	74.0	30.3	37.8	44.3	16.8	0.0	H
3	21745.000	43.1	-	-	37.8	44.4	17.1	0.0	H
4	24867.000	46.2	-	-	39.1	44.0	18.6	0.0	H

Mk.	Freq.(MHz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Ant.F/G.(dB/m)	Amp.G.(dB)	Cbl.L.(dB)	Aux.F.(dB)	Pol.
Peak:									
1	19638.000	43.1	74.0	30.9	37.1	44.5	16.3	0.0	V
2	20324.000	43.2	74.0	30.8	37.5	44.5	16.6	0.0	V
3	21129.000	43.6	74.0	30.4	37.8	44.3	17.0	0.0	V
4	23586.000	44.7	-	-	38.5	44.3	18.2	0.0	V
5	24930.000	46.5	-	-	39.2	44.0	18.6	0.0	V

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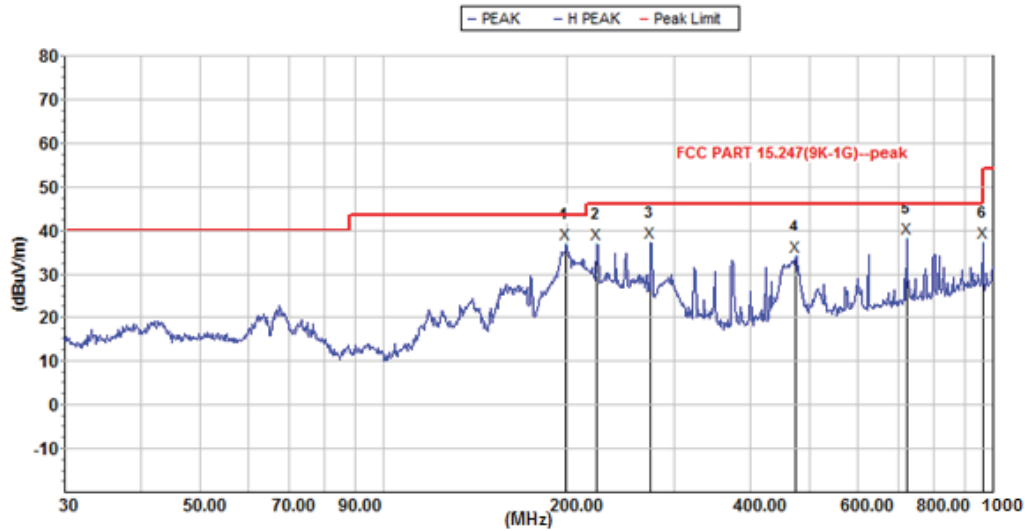
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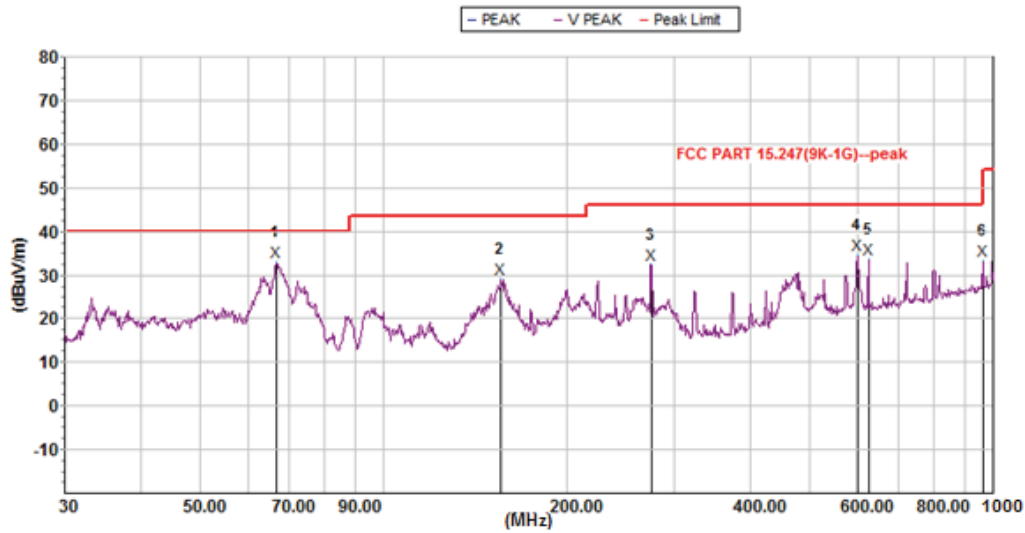


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Spurious Emission Worst case 30-1000MHz Horizontal



Spurious Emission Worst case 30-1000MHz Vertical



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Mk.	Freq.(MHz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Ant.F/G.(dB/m)	Amp.G.(dB)	Cbl.L.(dB)	Aux.F.(dB)	Pol.
Peak:									
1	199.286	37.0	43.5	6.5	15.9	35.1	1.2	0.0	H
2	223.733	37.0	46.0	9.0	16.6	35.1	1.3	0.0	H
3	274.194	37.2	46.0	8.8	18.3	35.0	1.3	0.0	H
4	473.835	34.0	46.0	12.0	22.7	34.8	1.8	0.0	H
5	721.726	38.4	46.0	7.6	26.6	34.4	2.3	0.0	H
6	962.162	37.4	54.0	16.6	29.4	34.0	2.6	0.0	H

Mk.	Freq.(MHz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Ant.F/G.(dB/m)	Amp.G.(dB)	Cbl.L.(dB)	Aux.F.(dB)	Pol.
Peak:									
1	66.733	33.2	40.0	6.8	17.3	35.2	0.7	0.0	V
2	155.910	29.2	43.5	14.3	19.0	35.2	1.0	0.0	V
3	275.157	32.5	46.0	13.5	18.4	35.0	1.4	0.0	V
4	599.321	34.8	46.0	11.2	25.1	34.6	2.0	0.0	V
5	625.078	33.8	46.0	12.2	25.3	34.5	2.1	0.0	V
6	962.162	33.5	54.0	20.5	29.4	34.0	2.6	0.0	V

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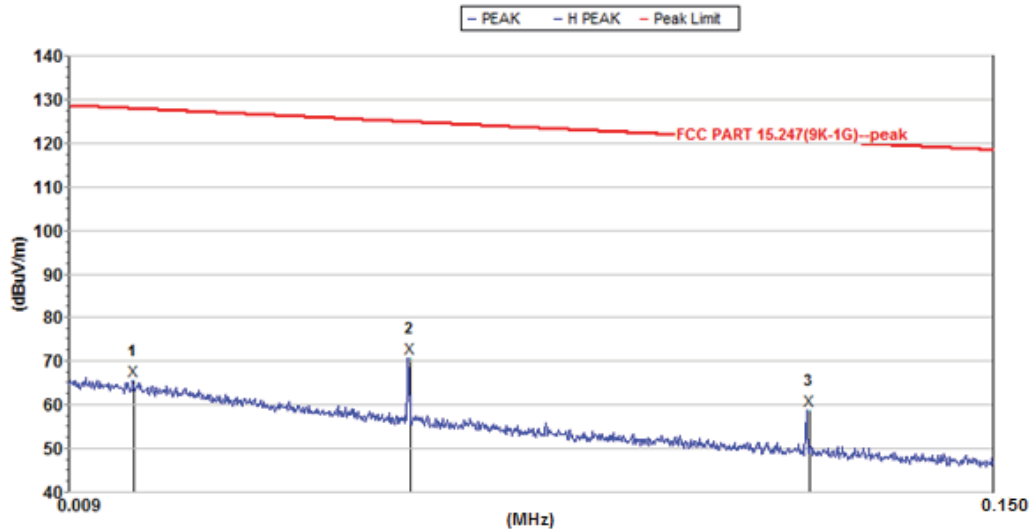
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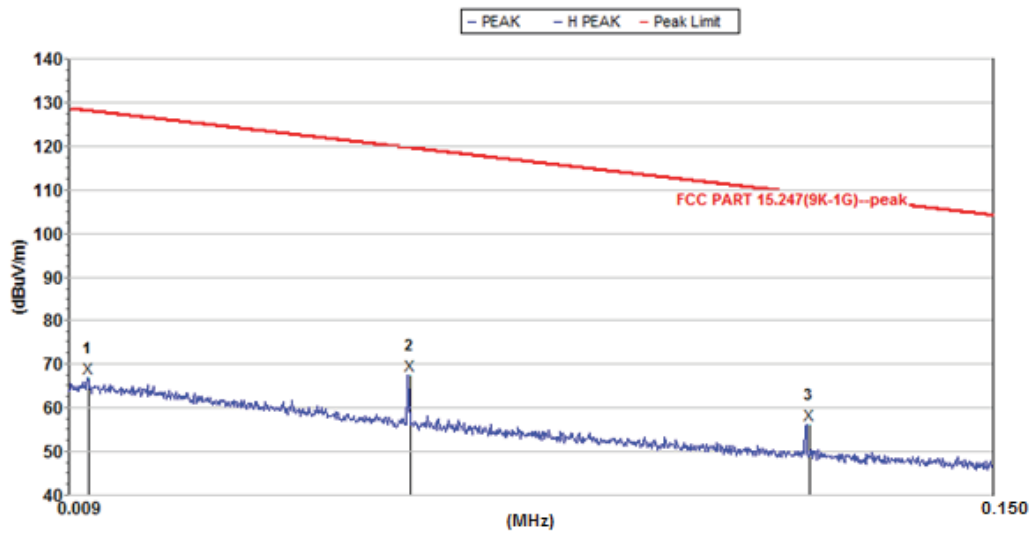


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Spurious Emission Worst case 9-150kHz 0°



Spurious Emission Worst case 9-150kHz 90°



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Mk.	Freq.(MHz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Ant.F/G.(dB/m)	Amp.G.(dB)	Cbl.L.(dB)	Aux.F.(dB)	Pol.
Peak:									
1	0.019	65.7	127.8	62.1	14.9	0.0	0.1	0.0	0°
2	0.061	70.6	124.8	54.2	11.9	0.0	0.1	0.0	0°
3	0.122	58.9	120.4	61.5	11.6	0.0	0.1	0.0	0°

Mk.	Freq.(MHz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Ant.F/G.(dB/m)	Amp.G.(dB)	Cbl.L.(dB)	Aux.F.(dB)	Pol.
Peak:									
1	0.012	67.0	128.0	61.0	18.0	0.0	0.1	0.0	90°
2	0.061	67.4	119.6	52.2	11.9	0.0	0.1	0.0	90°
3	0.122	56.3	108.9	52.6	11.6	0.0	0.1	0.0	90°

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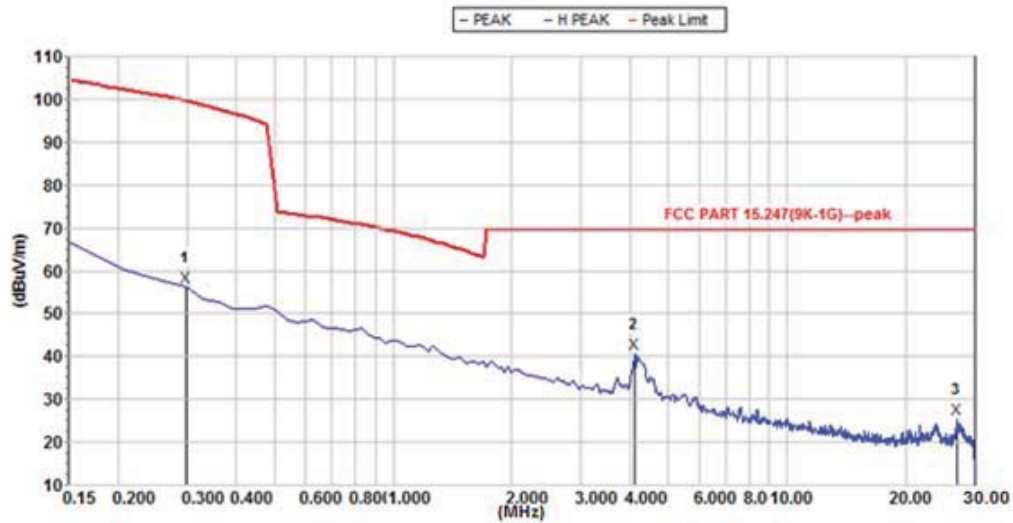
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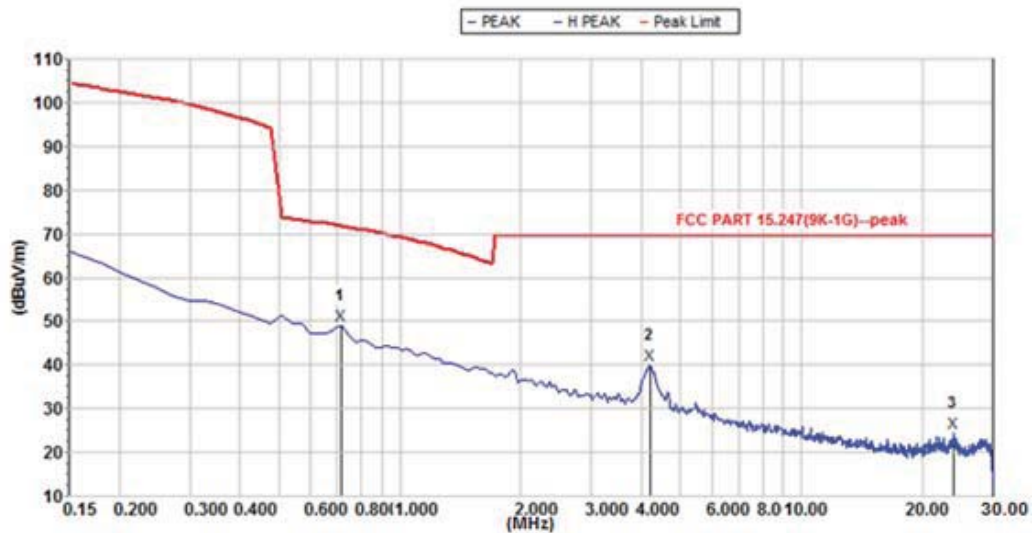


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Spurious Emission Worst case 150kHz-30MHz 0°



Spurious Emission Worst case 150kHz-30MHz 90°



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Mk.	Freq.(MHz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Ant.F/G.(dB/m)	Amp.G.(dB)	Cbl.L.(dB)	Aux.F.(dB)	Pol.
Peak:									
1	0.299	56.3	99.6	43.3	11.6	0.0	0.1	0.0	0°
2	4.090	40.7	69.5	28.8	11.7	0.0	0.3	0.0	0°
3	27.045	25.4	69.5	44.1	8.5	0.0	0.5	0.0	0°

Mk.	Freq.(MHz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Ant.F/G.(dB/m)	Amp.G.(dB)	Cbl.L.(dB)	Aux.F.(dB)	Pol.
Peak:									
1	0.717	49.2	71.8	22.6	11.6	0.0	0.2	0.0	90°
2	4.210	40.1	69.5	29.4	11.7	0.0	0.3	0.0	90°
3	23.940	24.7	69.5	44.8	9.1	0.0	0.4	0.0	90°

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7.7. AC Power Line Conducted Emission

Requirements

Frequency of Emission(MHz)	Conducted limit (dB μ V)	
	Quasi-peak	Average
0.15-0.5	66 to 56	56 to 46
0.5-5	56	46
5-30	60	50

Test Procedures

EUT was placed on on the table of nominal size, raised 0.8 m above the conducting ground plane. The rear of tabletop was located 40 cm to the vertical conducting plane. The rear of EUT, including peripherals aligned and flushed with rear of tabletop. All other surfaces of tabletop were at least 80 cm from any other grounded conducting surface. EUT was located 80 cm from a Line Impedance Stabilization Network (LISN) / Artificial mains Network (AMN) and excess AC cable was bundled in center.

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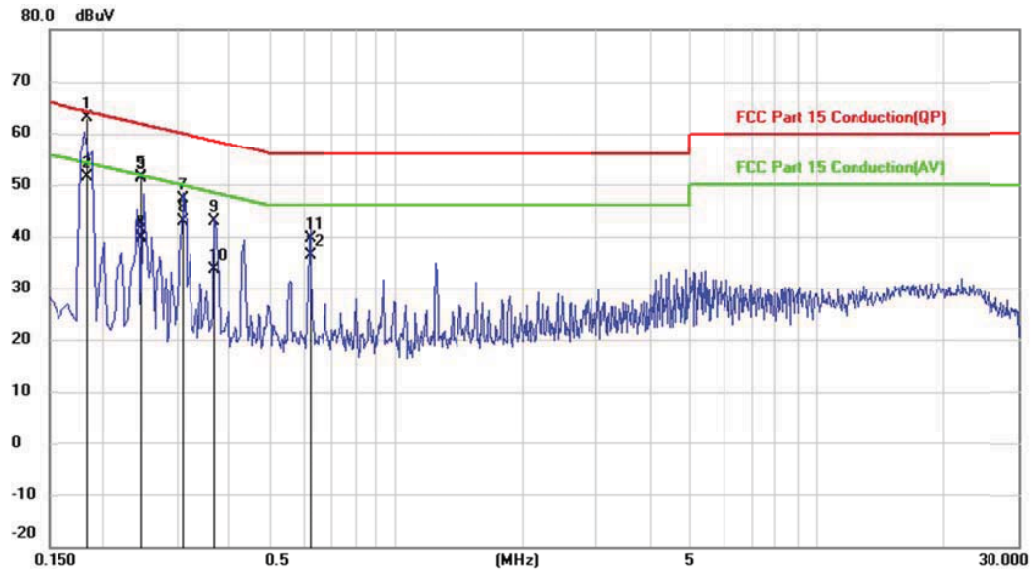
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Line



No.	Frequency (MHz)	Reading (dBuV)	Correct dB	Result (dBuV)	Limit (dBuV)	Margin (dB)	Remark
1	0.1850	43.54	19.52	63.06	64.26	-1.20	QP
2	0.1850	31.78	19.52	51.30	54.26	-2.96	AVG
3	0.2465	31.70	19.53	51.23	61.87	-10.64	QP
4	0.2465	20.20	19.53	39.73	51.87	-12.14	AVG
5	0.2467	31.74	19.53	51.27	61.87	-10.60	QP
6	0.2467	20.23	19.53	39.76	51.87	-12.11	AVG
7	0.3107	27.47	19.55	47.02	59.95	-12.93	QP
8	0.3107	23.44	19.55	42.99	49.95	-6.96	AVG
9	0.3701	23.26	19.57	42.83	58.50	-15.67	QP
10	0.3701	13.99	19.57	33.56	48.50	-14.94	AVG
11	0.6209	20.05	19.55	39.60	56.00	-16.40	QP
12	0.6209	16.73	19.55	36.28	46.00	-9.72	AVG

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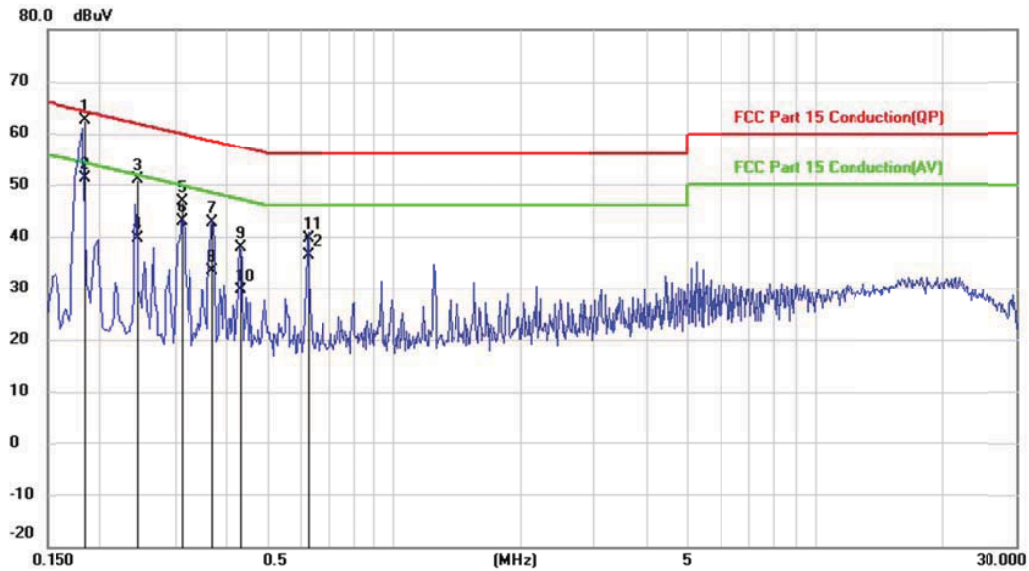
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Neutral



No.	Frequency (MHz)	Reading (dBuV)	Correct dB	Result (dBuV)	Limit (dBuV)	Margin (dB)	Remark
1	0.1845	43.23	19.51	62.74	64.28	-1.54	QP
2	0.1845	31.52	19.51	51.03	54.28	-3.25	AVG
3	0.2461	31.44	19.52	50.96	61.89	-10.93	QP
4	0.2461	19.99	19.52	39.51	51.89	-12.38	AVG
5	0.3106	27.17	19.54	46.71	59.95	-13.24	QP
6	0.3106	23.38	19.54	42.92	49.95	-7.03	AVG
7	0.3688	23.02	19.55	42.57	58.53	-15.96	QP
8	0.3688	13.84	19.55	33.39	48.53	-15.14	AVG
9	0.4310	18.32	19.54	37.86	57.23	-19.37	QP
10	0.4310	10.01	19.54	29.55	47.23	-17.68	AVG
11	0.6218	20.08	19.54	39.62	56.00	-16.38	QP
12	0.6218	16.84	19.54	36.38	46.00	-9.62	AVG

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