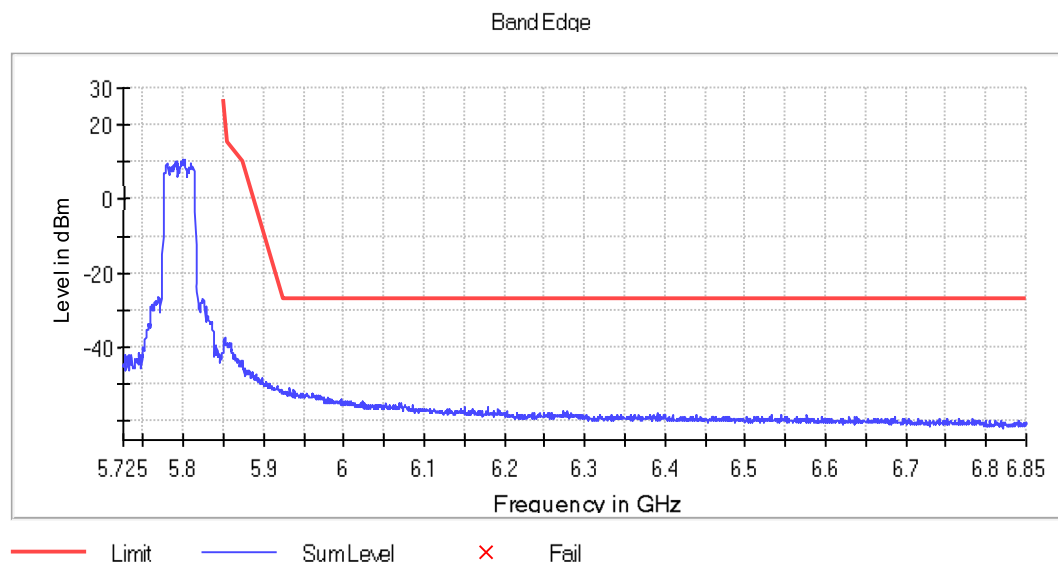


Band edge, high channel ch159



802.11ax HE-TB MCS0 full RU, 80MHz

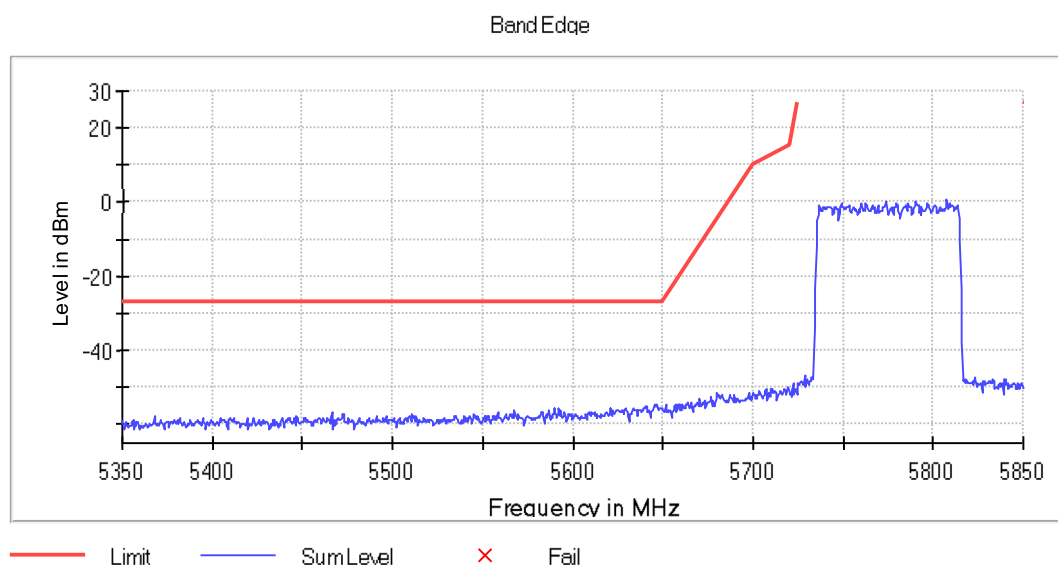
Measurements, band edge low ch155

Frequency (MHz)	Level (dBm)	Margin (dB)	Limit (dBm)	Result
5646.895861	-54.6	27.6	-27.0	PASS
5645.393858	-54.7	27.7	-27.0	PASS
5645.894526	-54.8	27.8	-27.0	PASS
5646.395194	-55.1	28.1	-27.0	PASS
5640.887850	-55.3	28.3	-27.0	PASS
5640.387183	-55.3	28.3	-27.0	PASS
5648.898531	-55.4	28.4	-27.0	PASS
5633.377837	-55.4	28.4	-27.0	PASS
5651.401869	-54.4	28.4	-26.0	PASS
5649.399199	-55.6	28.6	-27.0	PASS
5589.819760	-55.6	28.6	-27.0	PASS
5639.385848	-55.6	28.6	-27.0	PASS
5592.323097	-55.7	28.7	-27.0	PASS
5629.372497	-55.7	28.7	-27.0	PASS
5620.861148	-55.7	28.7	-27.0	PASS

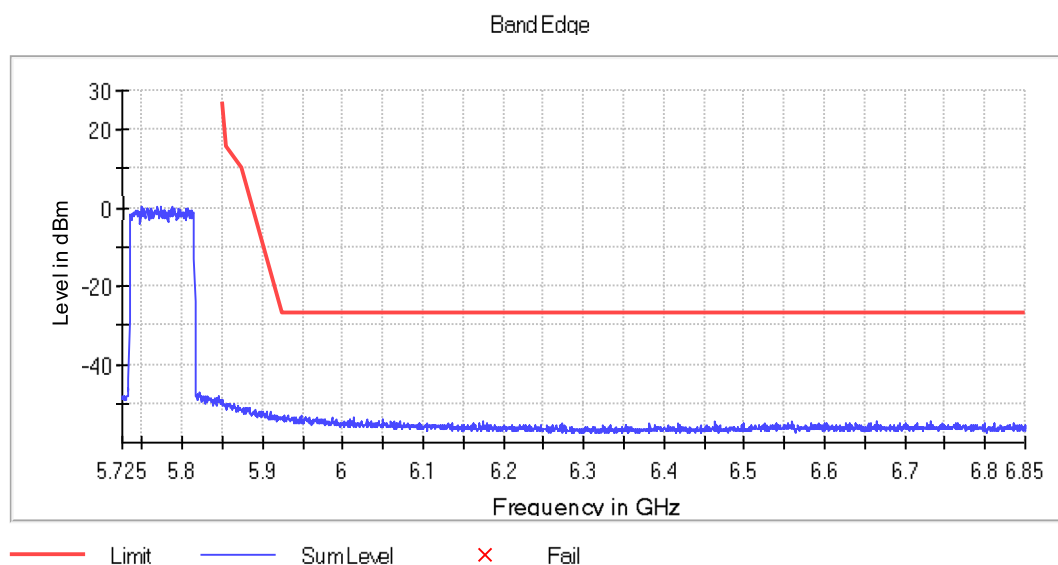
Measurements, band edge high ch155

Frequency (MHz)	Level (dBm)	Margin (dB)	Limit (dBm)	Result
5926.538269	-52.9	25.9	-27.0	PASS
5947.548774	-52.9	25.9	-27.0	PASS
5931.040520	-52.9	25.9	-27.0	PASS
6013.081541	-53.4	26.4	-27.0	PASS
5925.037519	-53.5	26.5	-27.0	PASS
5954.052026	-53.5	26.5	-27.0	PASS
5935.542771	-53.5	26.5	-27.0	PASS
5967.058529	-53.6	26.6	-27.0	PASS
5930.040020	-53.6	26.6	-27.0	PASS
5941.045523	-53.6	26.6	-27.0	PASS
5953.051526	-53.6	26.6	-27.0	PASS
5936.043022	-53.7	26.7	-27.0	PASS
5957.053527	-53.8	26.8	-27.0	PASS
5945.547774	-53.8	26.8	-27.0	PASS
5939.544772	-53.8	26.8	-27.0	PASS

Band edge, low channel ch155



Band edge, high channel ch155



18. Tx spurious emissions, conducted

Reference: FCC title 47 part 15 §15.407(b), RSS-247, Issue 3 (section 6.2)

Test method: KDB 789033 D02 General U-NII Test Procedures New Rules v02r01 II.G.4&5, ANSI C63.10-2013

Limits	
Frequency	dBm
<1GHz	FCC § 15.209 restricted bands limits
1GHz to 40GHz	-27

Test procedure
1. EUT set to test mode 2. Connect EUT to tester 3. Using Quasi peak detector RBW 1MHz VBW 3MHz

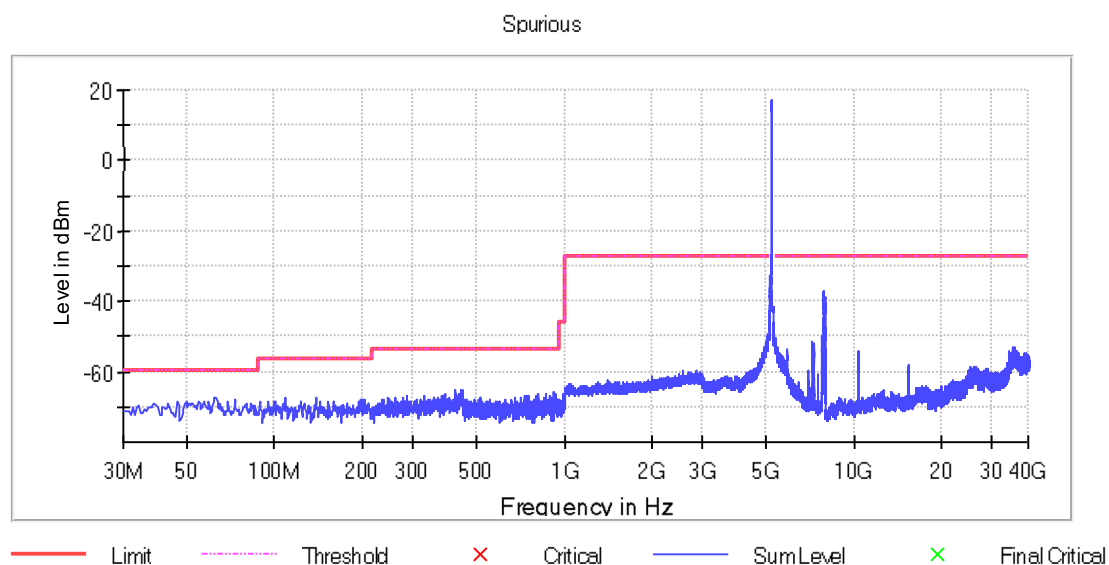
Tx Spurious emissions, conducted: U-NII-1, Summary

Mode / modulation	DUT Frequency (MHz)	Result
U-NII-1, 802.11a, ch36, 20 MHz, 24 Mbps	5180.000000	PASS
U-NII-1, 802.11a, ch44, 20 MHz, 24 Mbps	5220.000000	PASS
U-NII-1, 802.11a, ch48, 20 MHz, 24 Mbps	5240.000000	PASS
U-NII-1, 802.11n, ch36, 20 MHz, MCS1	5180.000000	PASS
U-NII-1, 802.11n, ch44, 20 MHz, MCS1	5220.000000	PASS
U-NII-1, 802.11n, ch48, 20 MHz, MCS1	5240.000000	PASS
U-NII-1, 802.11n, ch38, 40 MHz, MCS0	5190.000000	PASS
U-NII-1, 802.11n, ch46, 40 MHz, MCS0	5230.000000	PASS
U-NII-1, 802.11ac, ch36, 20 MHz, MCS2	5180.000000	PASS
U-NII-1, 802.11ac, ch44, 20 MHz, MCS2	5220.000000	PASS
U-NII-1, 802.11ac, ch48, 20 MHz, MCS2	5240.000000	PASS
U-NII-1, 802.11ac, ch38, 40 MHz, MCS5	5190.000000	PASS
U-NII-1, 802.11ac, ch46, 40 MHz, MCS5	5230.000000	PASS
U-NII-1, 802.11ac, ch42, 80 MHz, MCS0	5210.000000	PASS
U-NII-1, 802.11ax HE-SU, ch36, 20 MHz, MCS2	5180.000000	PASS
U-NII-1, 802.11ax HE-SU, ch44, 20 MHz, MCS2	5220.000000	PASS
U-NII-1, 802.11ax HE-SU, ch48, 20 MHz, MCS2	5240.000000	PASS
U-NII-1, 802.11ax HE-SU, ch38, 40 MHz, MCS1	5190.000000	PASS
U-NII-1, 802.11ax HE-SU, ch46, 40 MHz, MCS1	5230.000000	PASS
U-NII-1, 802.11ax HE-SU, ch42, 80 MHz, MCS0	5210.000000	PASS
U-NII-1, 802.11ax HE-TB Full RU, ch36, 20 MHz, MCS0	5180.000000	PASS
U-NII-1, 802.11ax HE-TB Full RU, ch44, 20 MHz, MCS0	5220.000000	PASS
U-NII-1, 802.11ax HE-TB Full RU, ch48, 20 MHz, MCS0	5240.000000	PASS
U-NII-1, 802.11ax HE-TB Full RU, ch38, 40 MHz, MCS0	5190.000000	PASS
U-NII-1, 802.11ax HE-TB Full RU, ch46, 40 MHz, MCS0	5230.000000	PASS
U-NII-1, 802.11ax HE-TB Full RU, ch42, 80 MHz, MCS0	5210.000000	PASS

Pre Measurements, U-NII-1, 802.11a, ch36, 20 MHz, 24 Mbps

Frequency (MHz)	Level (dBm)	Margin (dB)	Limit (dBm)
62.016503	-67.5	7.6	-59.9
63.017019	-67.5	7.6	-59.9
62.516761	-67.6	7.7	-59.9
73.022176	-68.1	8.2	-59.9
49.510057	-68.2	8.3	-59.9
63.517277	-68.2	8.3	-59.9
57.013925	-68.3	8.4	-59.9
61.516245	-68.5	8.6	-59.9
46.008252	-68.6	8.7	-59.9
69.020113	-68.7	8.8	-59.9
59.014956	-68.7	8.8	-59.9
54.512635	-68.7	8.8	-59.9
65.018051	-68.8	8.9	-59.9
52.011346	-68.8	8.9	-59.9
79.525529	-68.9	9.0	-59.9

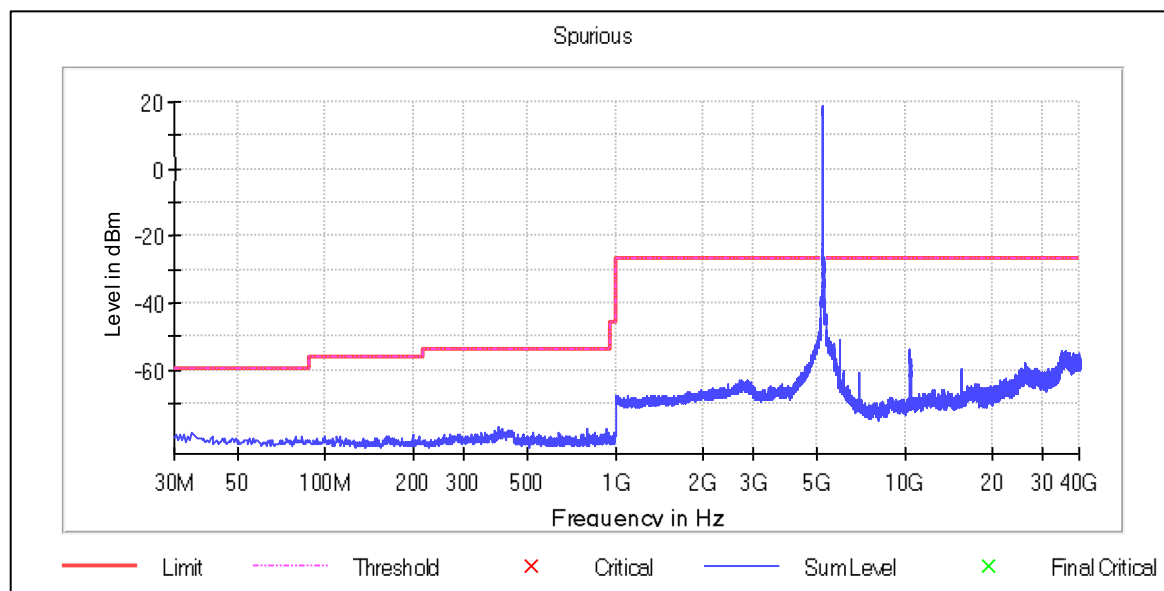
Tx Spurious emissions, conducted: U-NII-1, 802.11a, ch36, 20 MHz, 24 Mbps



Pre Measurements, U-NII-1, 802.11a, ch44, 20 MHz, 24 MBps

Frequency (MHz)	Level (dBm)	Margin (dB)	Limit (dBm)
5142.999157	-44.4	17.4	-27.0
5133.998072	-44.4	17.4	-27.0
5133.498012	-44.5	17.5	-27.0
5147.499699	-44.8	17.8	-27.0
5147.999759	-44.8	17.8	-27.0
5134.998193	-45.0	18.0	-27.0
5131.497771	-45.3	18.3	-27.0
5134.498132	-45.3	18.3	-27.0
5143.999277	-45.4	18.4	-27.0
5146.499578	-45.4	18.4	-27.0
5145.999518	-45.6	18.6	-27.0
5137.498494	-45.6	18.6	-27.0
5146.999639	-45.6	18.6	-27.0
34.502321	-78.6	18.7	-59.9
5136.998434	-45.7	18.7	-27.0

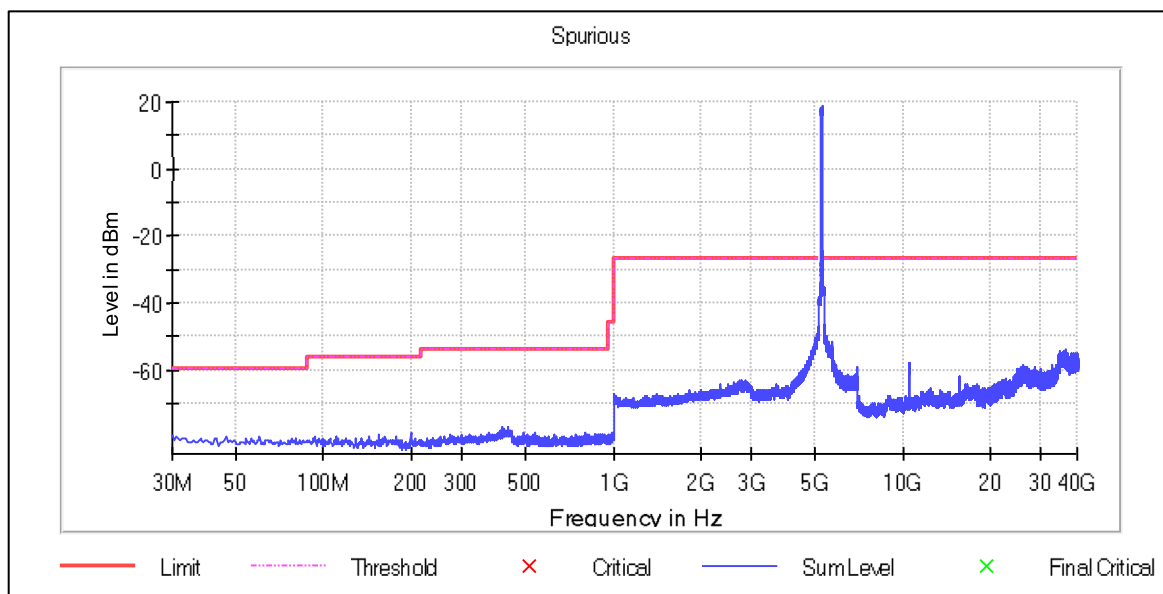
Tx Spurious emissions, conducted: U-NII-1, 802.11a, ch44, 20 MHz, 24 Mbps



Pre Measurements, U-NII-1, 802.11a, ch48, 20 MHz, 24 Mbps

Frequency (MHz)	Level (dBm)	Margin (dB)	Limit (dBm)
5355.523013	-46.5	19.5	-27.0
30.000000	-79.4	19.5	-59.9
46.008252	-79.7	19.8	-59.9
60.015472	-79.7	19.8	-59.9
5131.497771	-46.8	19.8	-27.0
5149.499940	-47.0	20.0	-27.0
31.000516	-80.1	20.2	-59.9
5142.999157	-47.2	20.2	-27.0
5145.499458	-47.2	20.2	-27.0
5143.999277	-47.3	20.3	-27.0
5148.499819	-47.3	20.3	-27.0
5129.497530	-47.3	20.3	-27.0
77.524497	-80.3	20.4	-59.9
5139.998795	-47.4	20.4	-27.0
5123.996867	-47.5	20.5	-27.0

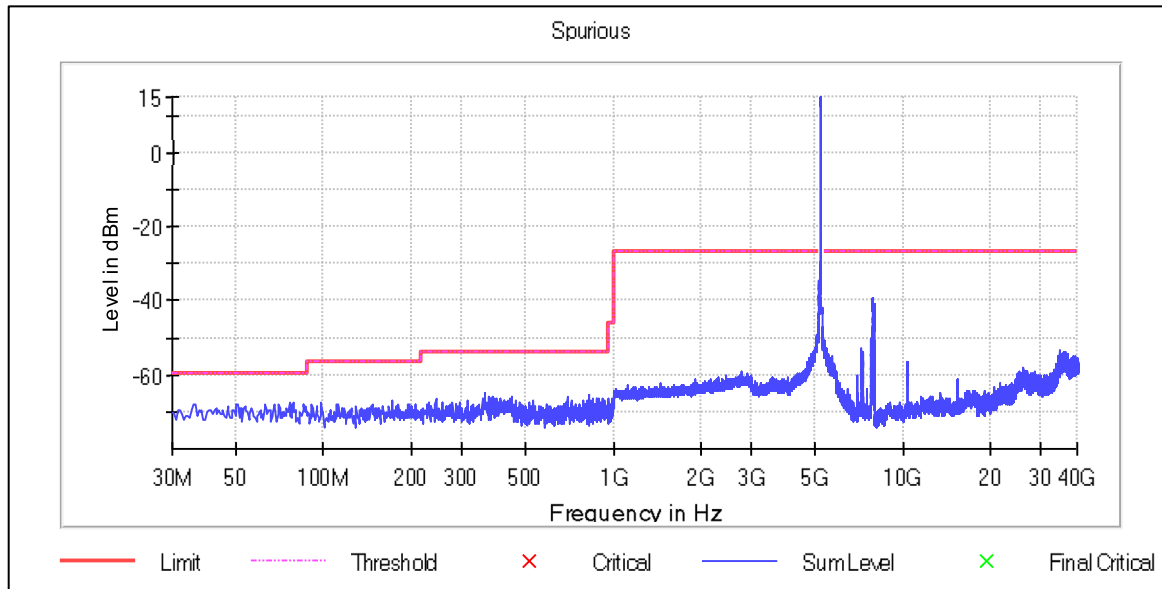
Tx Spurious emissions, conducted: U-NII-1, 802.11a, ch48, 20 MHz, 24 Mbps



Pre Measurements, U-NII-1, 802.11n, ch36, 20 MHz, MCS1

Frequency (MHz)	Level (dBm)	Margin (dB)	Limit (dBm)
78.525013	-67.4	7.5	-59.9
76.023724	-67.6	7.7	-59.9
76.523981	-67.7	7.8	-59.9
85.028365	-67.9	8.0	-59.9
63.017019	-67.9	8.0	-59.9
50.010315	-68.0	8.1	-59.9
70.020629	-68.0	8.1	-59.9
36.003094	-68.1	8.2	-59.9
35.502837	-68.1	8.2	-59.9
50.510572	-68.1	8.2	-59.9
78.024755	-68.2	8.3	-59.9
67.519340	-68.2	8.3	-59.9
87.029397	-68.3	8.4	-59.9
68.019598	-68.3	8.4	-59.9
85.528623	-68.4	8.5	-59.9

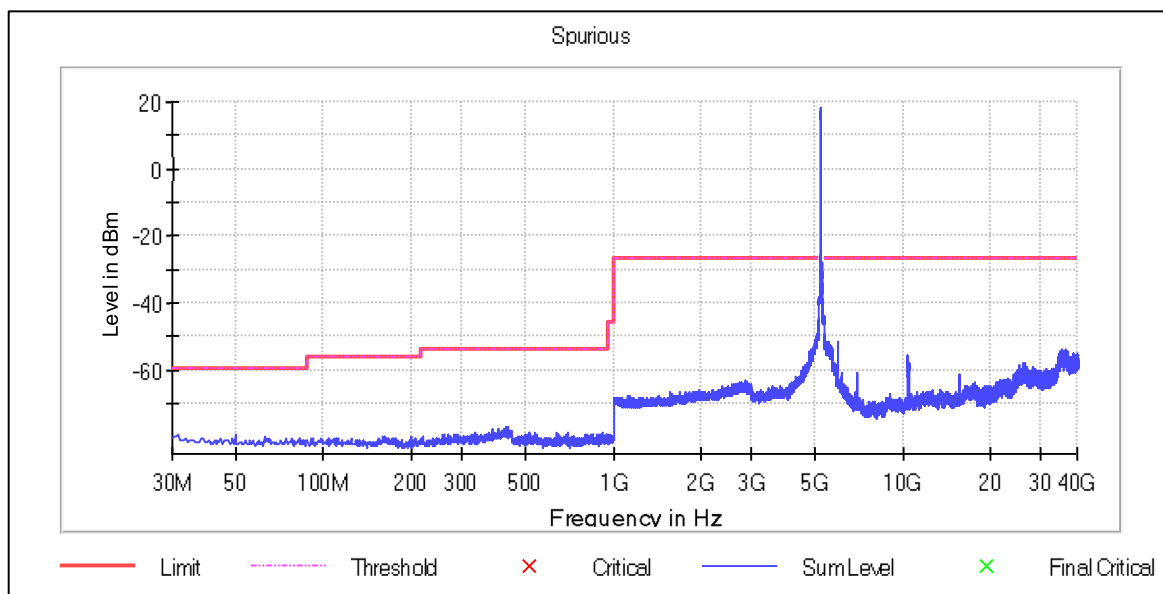
Tx Spurious emissions, conducted: U-NII-1, 802.11n, ch36, 20 MHz, MCS1



Pre Measurements, U-NII-1, 802.11n, ch44, 20 MHz, MCS1

Frequency (MHz)	Level (dBm)	Margin (dB)	Limit (dBm)
5148.499819	-44.5	17.5	-27.0
5142.499096	-45.2	18.2	-27.0
5144.499337	-45.4	18.4	-27.0
5141.999036	-45.6	18.6	-27.0
5144.999398	-45.9	18.9	-27.0
5131.997831	-45.9	18.9	-27.0
5146.499578	-45.9	18.9	-27.0
5145.499458	-46.0	19.0	-27.0
5142.999157	-46.0	19.0	-27.0
5133.998072	-46.1	19.1	-27.0
5146.999639	-46.1	19.1	-27.0
5134.998193	-46.1	19.1	-27.0
5143.499217	-46.2	19.2	-27.0
5132.497891	-46.2	19.2	-27.0
5147.999759	-46.2	19.2	-27.0

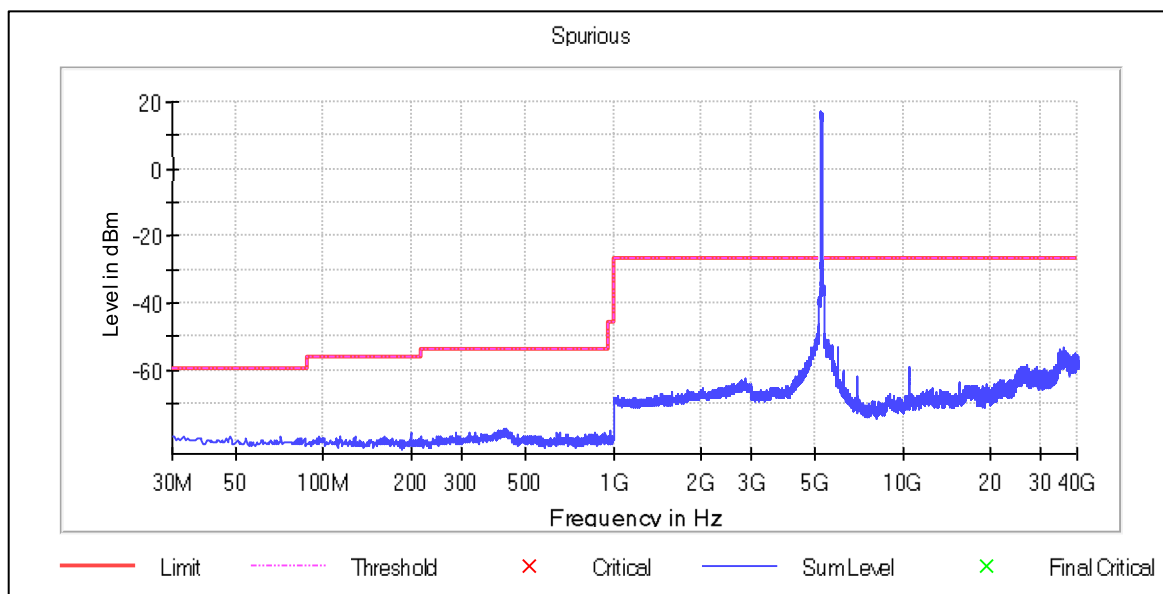
Tx Spurious emissions, conducted: U-NII-1, 802.11n, ch44, 20 MHz, MCS1



Pre Measurements, U-NII-1, 802.11n, ch48, 20 MHz, MCS1

Frequency (MHz)	Level (dBm)	Margin (dB)	Limit (dBm)
5144.999398	-46.5	19.5	-27.0
30.500258	-79.7	19.8	-59.9
47.509025	-79.7	19.8	-59.9
71.021145	-79.8	19.9	-59.9
5145.999518	-47.0	20.0	-27.0
33.001547	-79.9	20.0	-59.9
5146.499578	-47.1	20.1	-27.0
30.000000	-80.0	20.1	-59.9
37.503868	-80.2	20.3	-59.9
5148.499819	-47.4	20.4	-27.0
34.002063	-80.3	20.4	-59.9
5147.999759	-47.4	20.4	-27.0
86.028881	-80.3	20.4	-59.9
37.003610	-80.3	20.4	-59.9
36.503352	-80.4	20.5	-59.9

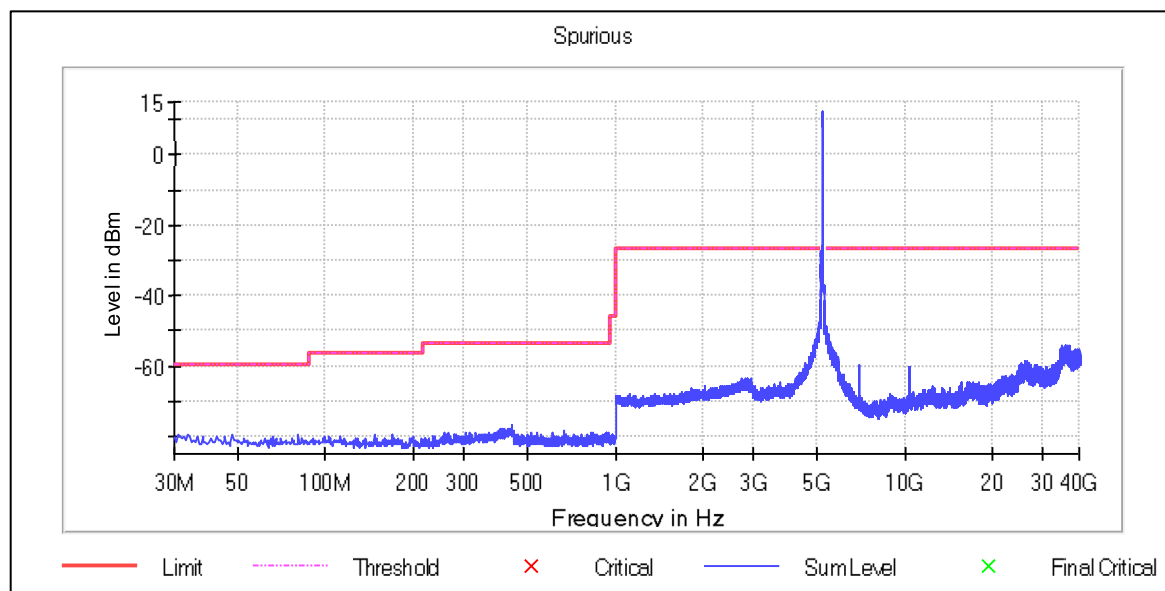
Tx Spurious emissions, conducted: U-NII-1, 802.11n, ch48, 20 MHz, MCS1



Pre Measurements, U-NII-1, 802.11n, ch38, 40 MHz, MCS0

Frequency (MHz)	Level (dBm)	Margin (dB)	Limit (dBm)
5148.499819	-27.8	0.8	-27.0
5148.999880	-28.2	1.2	-27.0
5147.999759	-28.8	1.8	-27.0
5149.499940	-28.9	1.9	-27.0
5147.499699	-31.1	4.1	-27.0
5143.999277	-31.1	4.1	-27.0
5145.999518	-31.2	4.2	-27.0
5146.499578	-31.3	4.3	-27.0
5144.999398	-31.4	4.4	-27.0
5143.499217	-31.7	4.7	-27.0
5146.999639	-31.8	4.8	-27.0
5142.999157	-32.2	5.2	-27.0
5145.499458	-33.1	6.1	-27.0
5141.999036	-33.5	6.5	-27.0
5144.499337	-34.1	7.1	-27.0

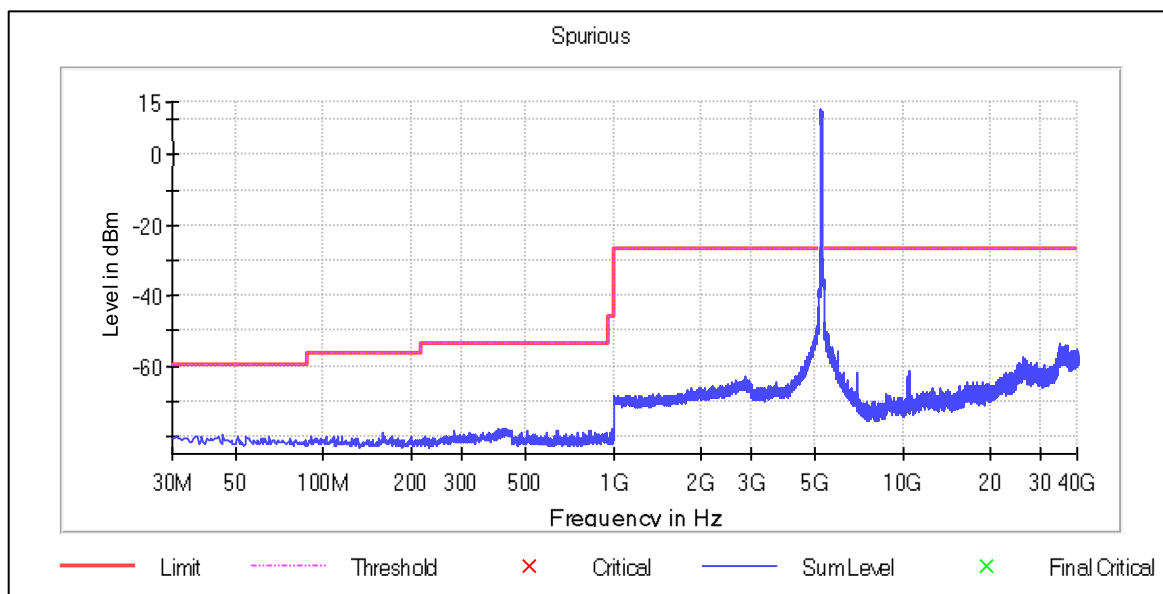
Tx Spurious emissions, conducted: U-NII-1, 802.11n, ch38, 40 MHz, MCS0



Pre Measurements, U-NII-1, 802.11n, ch46, 40 MHz, MCS0

Frequency (MHz)	Level (dBm)	Margin (dB)	Limit (dBm)
5148.499819	-43.3	16.3	-27.0
5134.998193	-43.4	16.4	-27.0
5147.499699	-44.0	17.0	-27.0
5149.499940	-44.0	17.0	-27.0
5141.498976	-44.1	17.1	-27.0
5145.999518	-44.2	17.2	-27.0
5147.999759	-44.4	17.4	-27.0
5148.999880	-44.5	17.5	-27.0
5140.998916	-44.5	17.5	-27.0
5145.499458	-44.6	17.6	-27.0
5146.999639	-44.6	17.6	-27.0
5133.498012	-44.7	17.7	-27.0
5140.498855	-44.7	17.7	-27.0
5146.499578	-44.8	17.8	-27.0
5138.498614	-44.8	17.8	-27.0

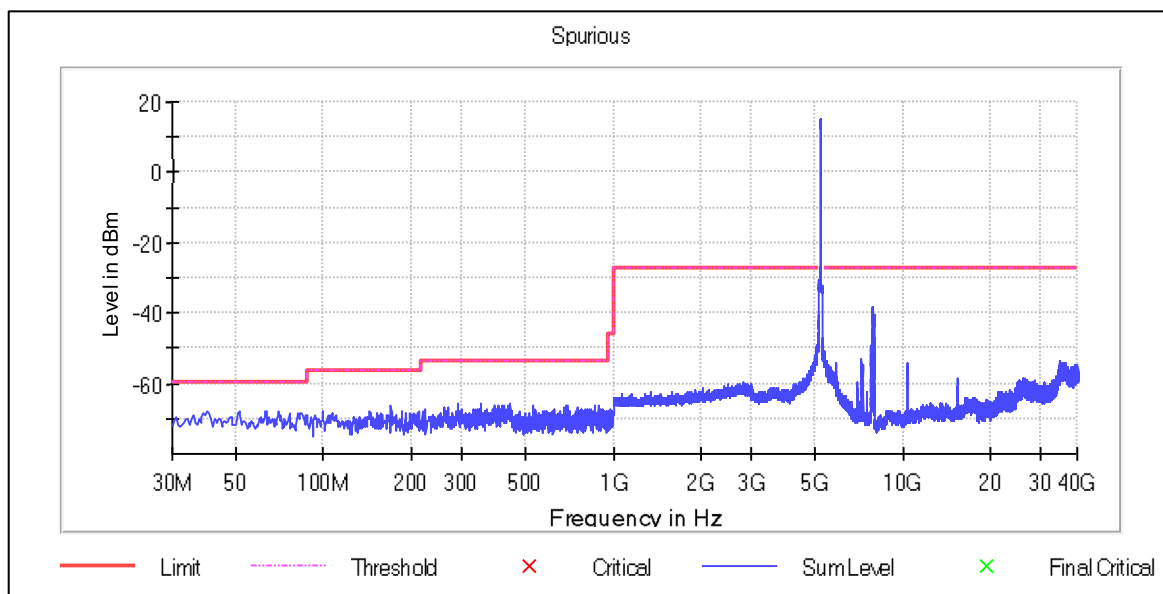
Tx Spurious emissions, conducted: U-NII-1, 802.11n, ch46, 40 MHz, MCS0



Pre Measurements, U-NII-1, 802.11ac, ch36, 20 MHz, MCS2

Frequency (MHz)	Level (dBm)	Margin (dB)	Limit (dBm)
70.020629	-67.7	7.8	-59.9
39.504899	-67.7	7.8	-59.9
51.010830	-67.8	7.9	-59.9
63.517277	-68.0	8.1	-59.9
63.017019	-68.1	8.2	-59.9
40.005157	-68.2	8.3	-59.9
84.027849	-68.2	8.3	-59.9
81.526560	-68.4	8.5	-59.9
38.504384	-68.4	8.5	-59.9
83.027334	-68.5	8.6	-59.9
76.023724	-68.5	8.6	-59.9
69.520371	-68.5	8.6	-59.9
50.510572	-68.6	8.7	-59.9
76.523981	-68.7	8.8	-59.9
83.527592	-68.7	8.8	-59.9

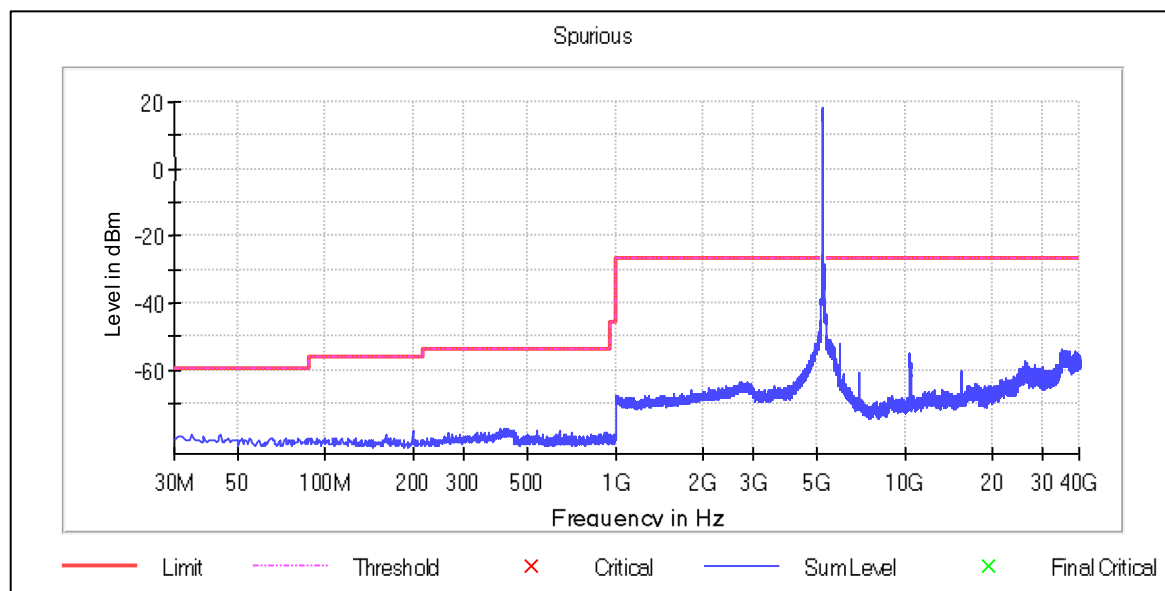
Tx Spurious emissions, conducted: U-NII-1, 802.11ac, ch36, 20 MHz, MCS2



Pre Measurements, U-NII-1, 802.11ac, ch44, 20 MHz, MCS2

Frequency (MHz)	Level (dBm)	Margin (dB)	Limit (dBm)
5143.999277	-45.0	18.0	-27.0
5148.999880	-45.3	18.3	-27.0
5148.499819	-45.6	18.6	-27.0
5131.997831	-45.6	18.6	-27.0
5146.499578	-45.6	18.6	-27.0
5145.499458	-45.7	18.7	-27.0
5144.499337	-45.8	18.8	-27.0
5147.499699	-45.8	18.8	-27.0
5147.999759	-45.8	18.8	-27.0
5144.999398	-45.9	18.9	-27.0
5146.999639	-46.1	19.1	-27.0
5132.497891	-46.1	19.1	-27.0
5137.998554	-46.2	19.2	-27.0
5142.999157	-46.2	19.2	-27.0
5139.998795	-46.2	19.2	-27.0

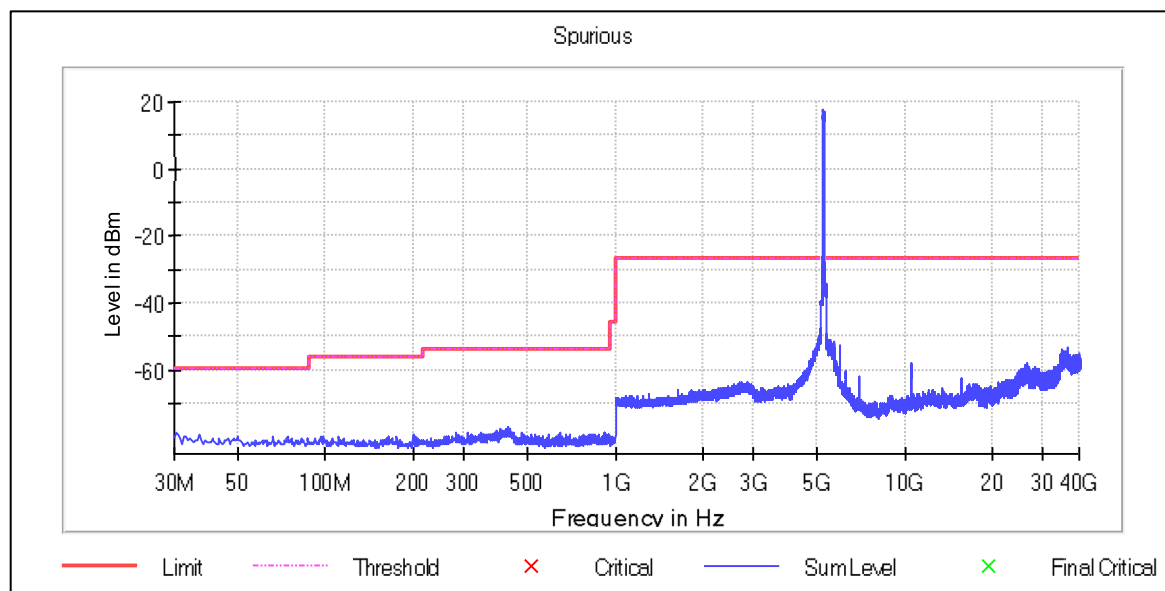
Tx Spurious emissions, conducted: U-NII-1, 802.11ac, ch44, 20 MHz, MCS2



Pre Measurements, U-NII-1, 802.11ac, ch48, 20 MHz, MCS2

Frequency (MHz)	Level (dBm)	Margin (dB)	Limit (dBm)
30.500258	-78.5	18.6	-59.9
31.000516	-79.0	19.1	-59.9
36.503352	-79.4	19.5	-59.9
74.022692	-79.8	19.9	-59.9
49.510057	-79.9	20.0	-59.9
33.001547	-80.0	20.1	-59.9
66.018566	-80.0	20.1	-59.9
32.501289	-80.1	20.2	-59.9
31.500774	-80.1	20.2	-59.9
5141.498976	-47.3	20.3	-27.0
82.026818	-80.2	20.3	-59.9
48.009283	-80.3	20.4	-59.9
30.000000	-80.3	20.4	-59.9
5120.496445	-47.5	20.5	-27.0
34.002063	-80.4	20.5	-59.9

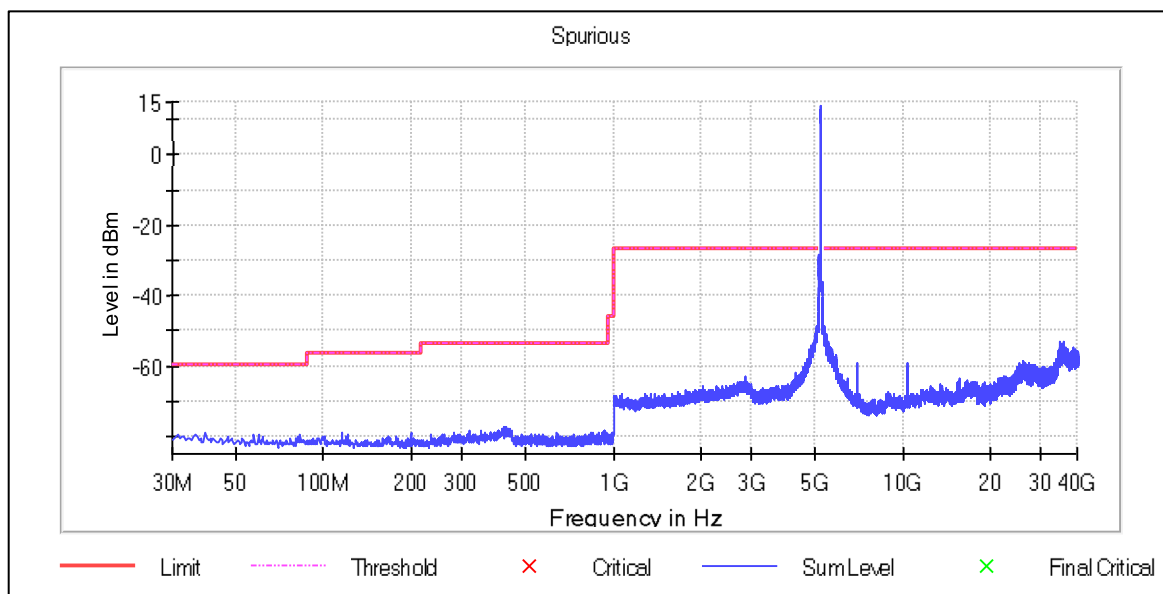
Tx Spurious emissions, conducted: U-NII-1, 802.11ac, ch48, 20 MHz, MCS0



Pre Measurements, U-NII-1, 802.11ac, ch38, 40 MHz, MCS5

Frequency (MHz)	Level (dBm)	Margin (dB)	Limit (dBm)
5147.499699	-29.2	2.2	-27.0
5149.499940	-29.6	2.6	-27.0
5147.999759	-29.7	2.7	-27.0
5144.999398	-29.8	2.8	-27.0
5146.999639	-30.5	3.5	-27.0
5148.499819	-30.9	3.9	-27.0
5145.499458	-31.0	4.0	-27.0
5148.999880	-31.3	4.3	-27.0
5146.499578	-31.4	4.4	-27.0
5145.999518	-32.0	5.0	-27.0
5144.499337	-32.1	5.1	-27.0
5142.499096	-33.0	6.0	-27.0
5141.999036	-33.0	6.0	-27.0
5143.999277	-34.0	7.0	-27.0
5143.499217	-34.1	7.1	-27.0

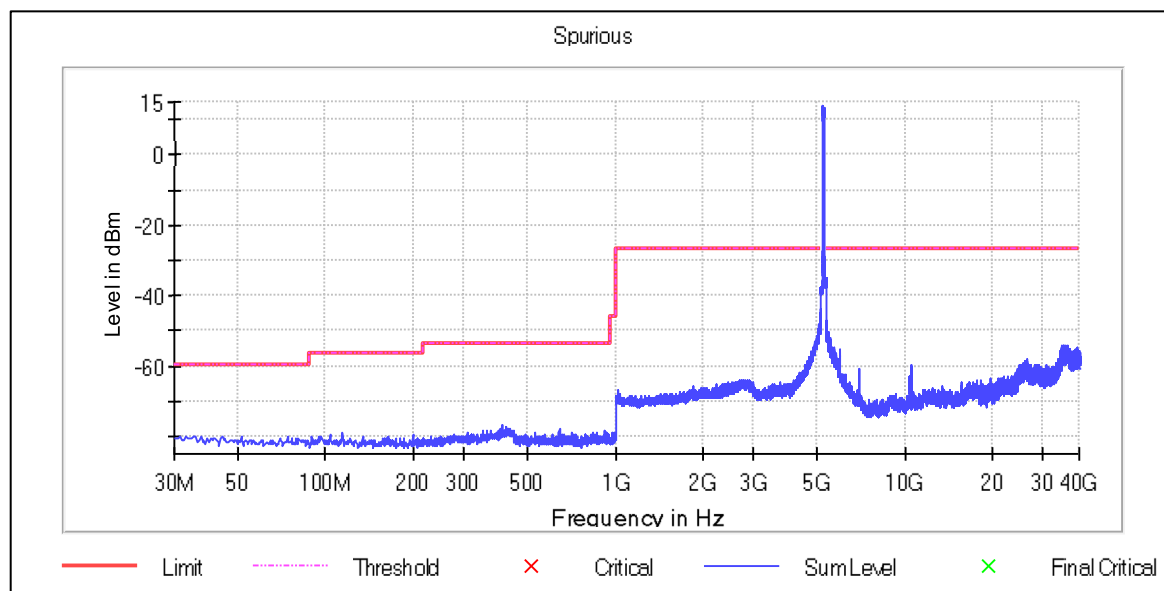
Tx Spurious emissions, conducted: U-NII-1, 802.11ac, ch38, 40 MHz, MCS5



Pre Measurements, U-NII-1, 802.11ac, ch46, 40 MHz, MCS5

Frequency (MHz)	Level (dBm)	Margin (dB)	Limit (dBm)
5143.999277	-43.8	16.8	-27.0
5143.499217	-43.8	16.8	-27.0
5144.999398	-44.3	17.3	-27.0
5144.499337	-44.6	17.6	-27.0
5146.499578	-44.7	17.7	-27.0
5132.497891	-44.7	17.7	-27.0
5148.499819	-44.7	17.7	-27.0
5141.498976	-44.8	17.8	-27.0
5135.498253	-44.9	17.9	-27.0
5145.499458	-44.9	17.9	-27.0
5132.997952	-44.9	17.9	-27.0
5133.998072	-44.9	17.9	-27.0
5149.499940	-45.0	18.0	-27.0
5145.999518	-45.0	18.0	-27.0
5142.999157	-45.1	18.1	-27.0

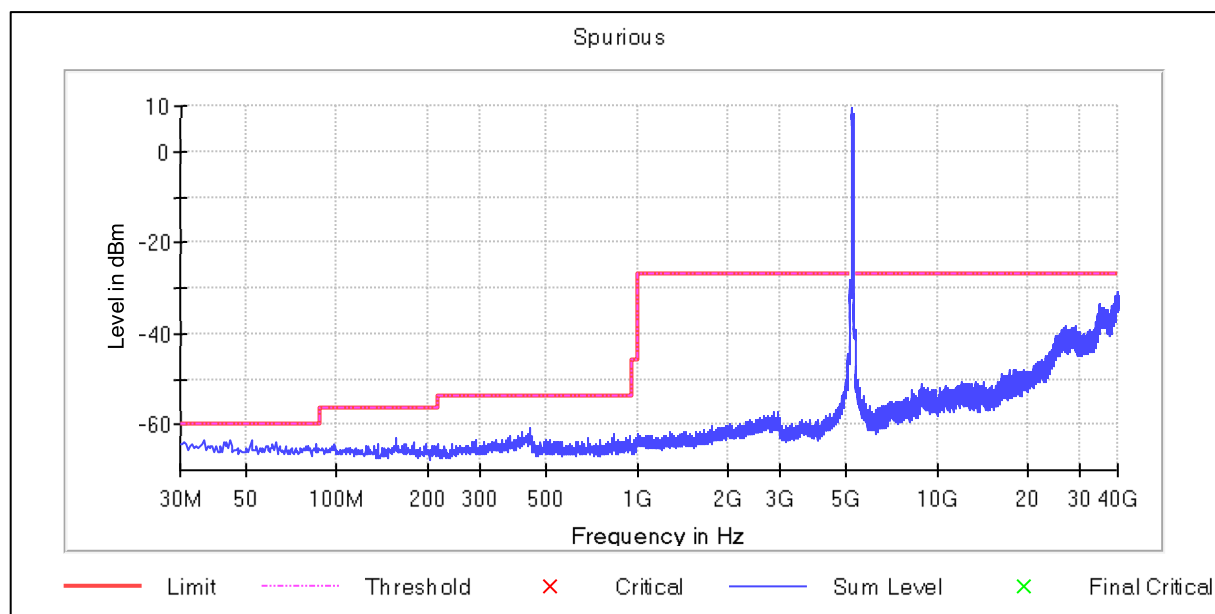
Tx Spurious emissions, conducted: U-NII-1, 802.11ac, ch46, 40 MHz, MCS5



Pre Measurements, U-NII-1, 802.11ac, ch42, 80 MHz, MCS0

Frequency (MHz)	Level (dBm)	Margin (dB)	Limit (dBm)
5146.999639	-29.9	2.9	-27.0
5133.498012	-30.1	3.1	-27.0
5149.499940	-30.1	3.1	-27.0
5133.998072	-30.4	3.4	-27.0
52.011346	-63.3	3.4	-59.9
5134.998193	-30.6	3.6	-27.0
44.007220	-63.5	3.6	-59.9
36.003094	-63.5	3.6	-59.9
5121.496566	-30.6	3.6	-27.0
5134.498132	-30.7	3.7	-27.0
42.006189	-63.6	3.7	-59.9
39936.497732	-30.7	3.7	-27.0
39940.497875	-30.9	3.9	-27.0
31.000516	-63.8	3.9	-59.9
5138.998675	-30.9	3.9	-27.0

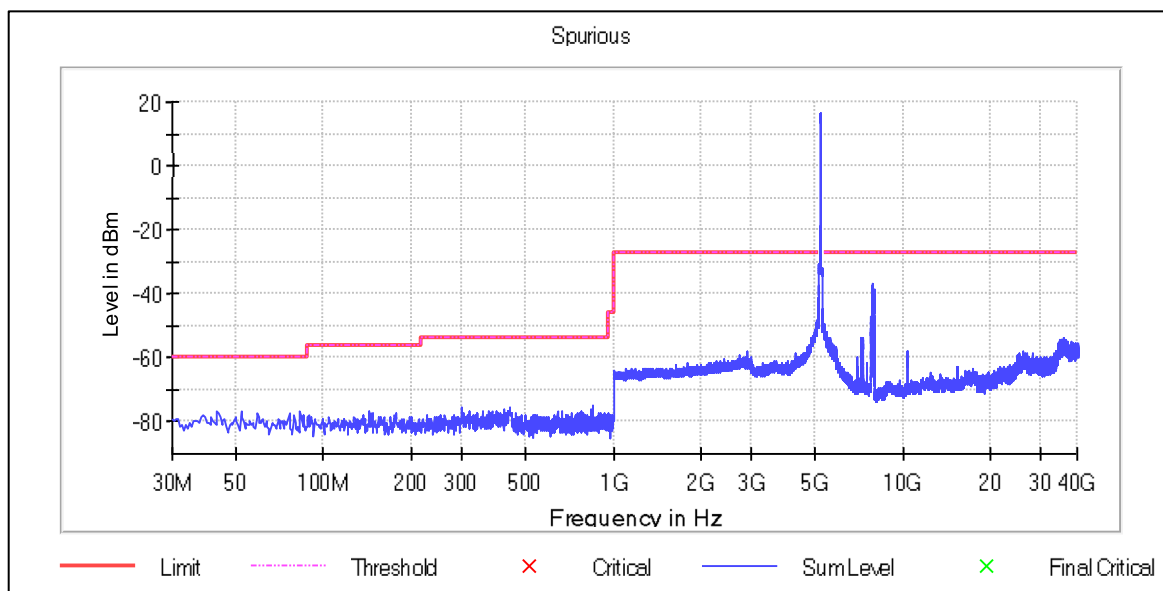
Tx Spurious emissions, conducted: U-NII-1, 802.11ac, ch42, 80 MHz, MCS0



Pre Measurements, U-NII-1, 802.11ax HE-SU, ch36, 20 MHz, MCS2

Frequency (MHz)	Level (dBm)	Margin (dB)	Limit (dBm)
7898.540843	-36.8	9.8	-27.0
7918.541752	-37.3	10.3	-27.0
7908.541297	-37.3	10.3	-27.0
5148.999880	-37.4	10.4	-27.0
5148.499819	-37.5	10.5	-27.0
7918.041729	-37.5	10.5	-27.0
7903.041047	-37.8	10.8	-27.0
7908.041275	-37.8	10.8	-27.0
7892.540570	-37.9	10.9	-27.0
7914.041547	-38.0	11.0	-27.0
7905.541161	-38.2	11.2	-27.0
7901.540979	-38.2	11.2	-27.0
7901.040956	-38.2	11.2	-27.0
7911.041411	-38.3	11.3	-27.0
7926.542116	-38.4	11.4	-27.0

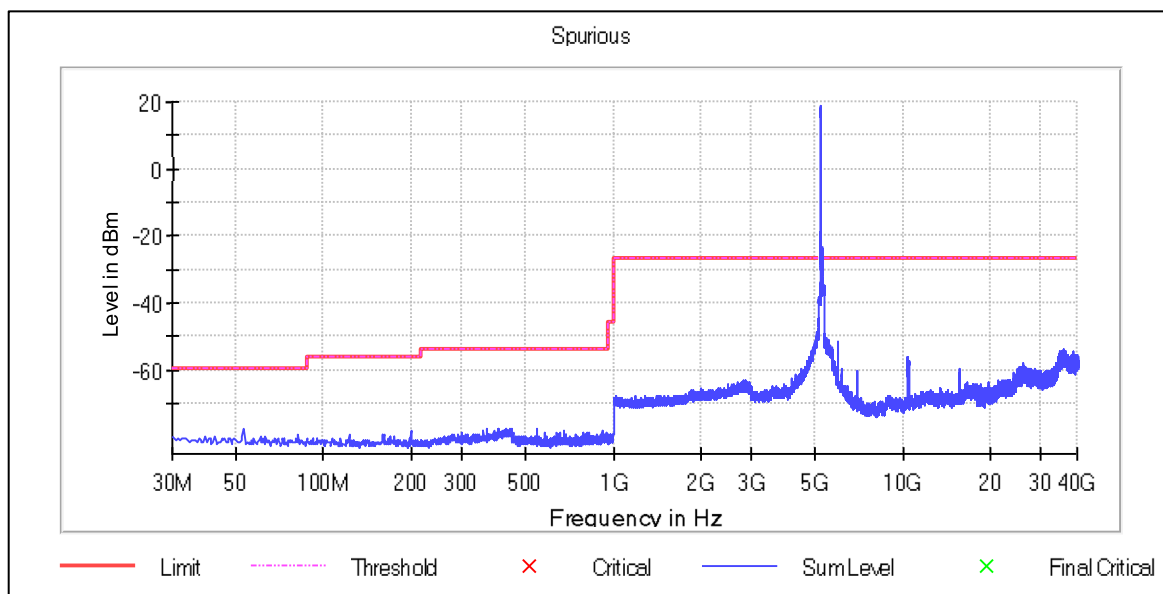
Tx Spurious emissions, conducted: U-NII-1, 802.11ax HE-SU, ch36, 20 MHz, MCS2



Pre Measurements, U-NII-1, 802.11ax HE-SU, ch44, 20 MHz, MCS2

Frequency (MHz)	Level (dBm)	Margin (dB)	Limit (dBm)
5144.499337	-44.5	17.5	-27.0
53.011862	-77.6	17.7	-59.9
5145.999518	-44.7	17.7	-27.0
5143.499217	-44.7	17.7	-27.0
5147.999759	-44.8	17.8	-27.0
5147.499699	-44.9	17.9	-27.0
5132.497891	-45.0	18.0	-27.0
5148.499819	-45.1	18.1	-27.0
5139.498735	-45.1	18.1	-27.0
5146.999639	-45.1	18.1	-27.0
5146.499578	-45.3	18.3	-27.0
5148.999880	-45.3	18.3	-27.0
5140.998916	-45.3	18.3	-27.0
5141.498976	-45.3	18.3	-27.0
5138.498614	-45.4	18.4	-27.0

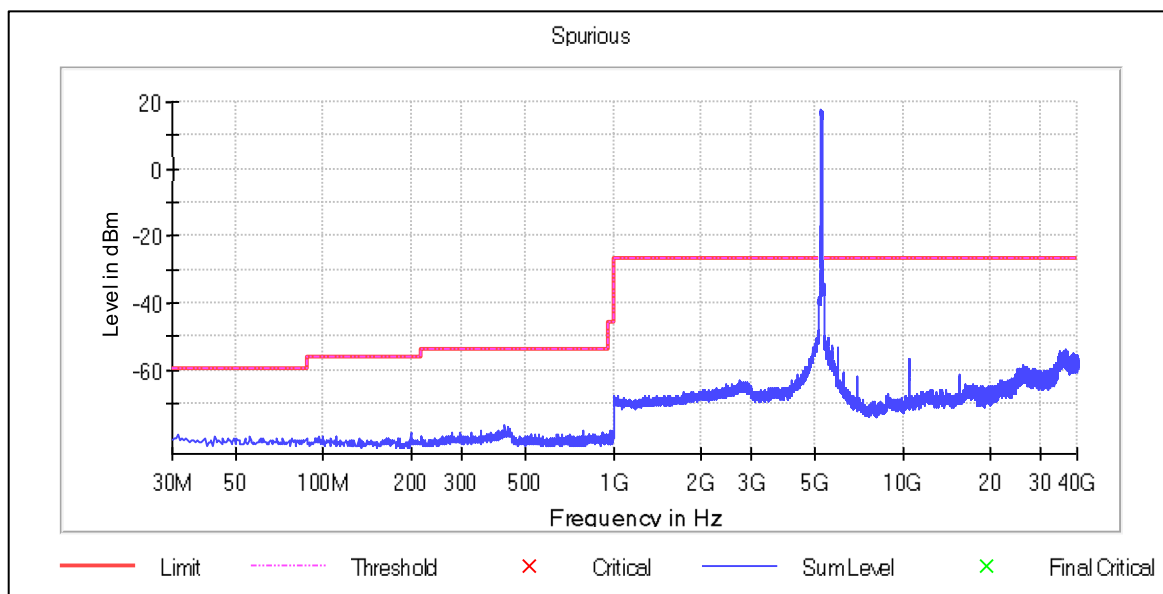
Tx Spurious emissions, conducted: U-NII-1, 802.11ax HE-SU, ch44, 20 MHz, MCS2



Pre Measurements, U-NII-1, 802.11ax HE-SU, ch48, 20 MHz, MCS2

Frequency (MHz)	Level (dBm)	Margin (dB)	Limit (dBm)
31.500774	-79.1	19.2	-59.9
42.006189	-79.6	19.7	-59.9
55.513151	-79.8	19.9	-59.9
5149.499940	-47.2	20.2	-27.0
30.500258	-80.1	20.2	-59.9
39.004642	-80.1	20.2	-59.9
87.529654	-80.2	20.3	-59.9
32.501289	-80.2	20.3	-59.9
50.010315	-80.3	20.4	-59.9
49.009799	-80.4	20.5	-59.9
62.016503	-80.4	20.5	-59.9
77.524497	-80.4	20.5	-59.9
46.508510	-80.5	20.6	-59.9
60.515730	-80.5	20.6	-59.9
53.512120	-80.5	20.6	-59.9

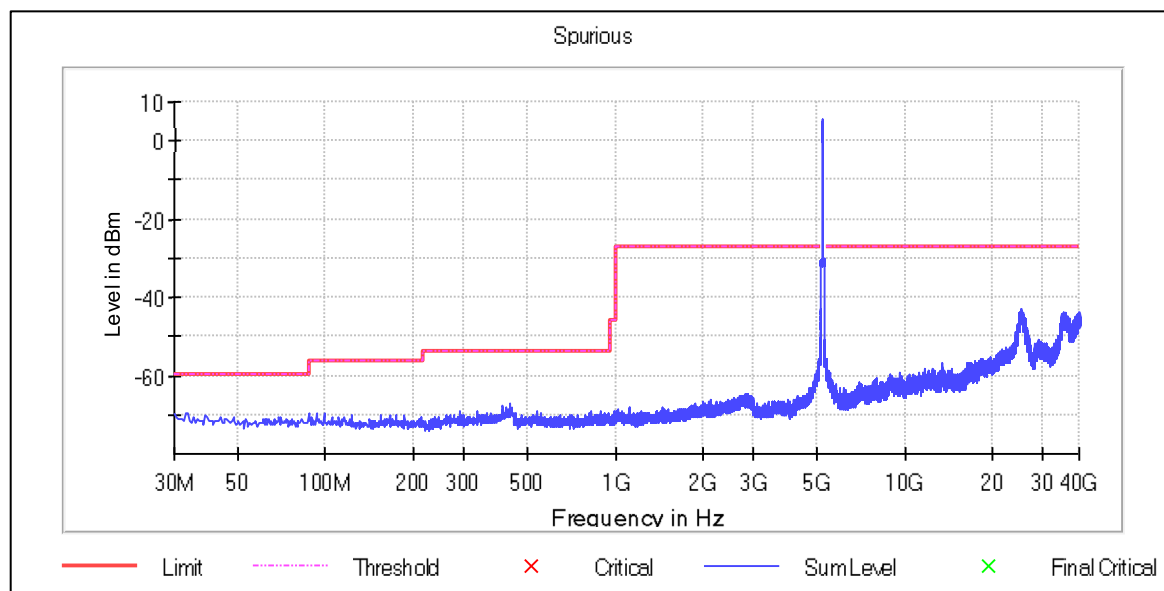
Tx Spurious emissions, conducted: U-NII-1, 802.11ax HE-SU, ch48, 20 MHz, MCS2



Pre Measurements, U-NII-1, 802.11ax HE-SU, ch38, 40 MHz, MCS1

Frequency (MHz)	Level (dBm)	Margin (dB)	Limit (dBm)
30.000000	-69.5	9.6	-59.9
33.001547	-69.5	9.6	-59.9
33.501805	-69.5	9.6	-59.9
87.529654	-69.7	9.8	-59.9
38.504384	-70.2	10.3	-59.9
48.009283	-70.4	10.5	-59.9
30.500258	-70.5	10.6	-59.9
69.020113	-70.6	10.7	-59.9
39.004642	-70.7	10.8	-59.9
43.506962	-70.7	10.8	-59.9
35.002579	-70.8	10.9	-59.9
70.020629	-70.8	10.9	-59.9
73.522434	-70.9	11.0	-59.9
66.518824	-70.9	11.0	-59.9
45.507994	-70.9	11.0	-59.9

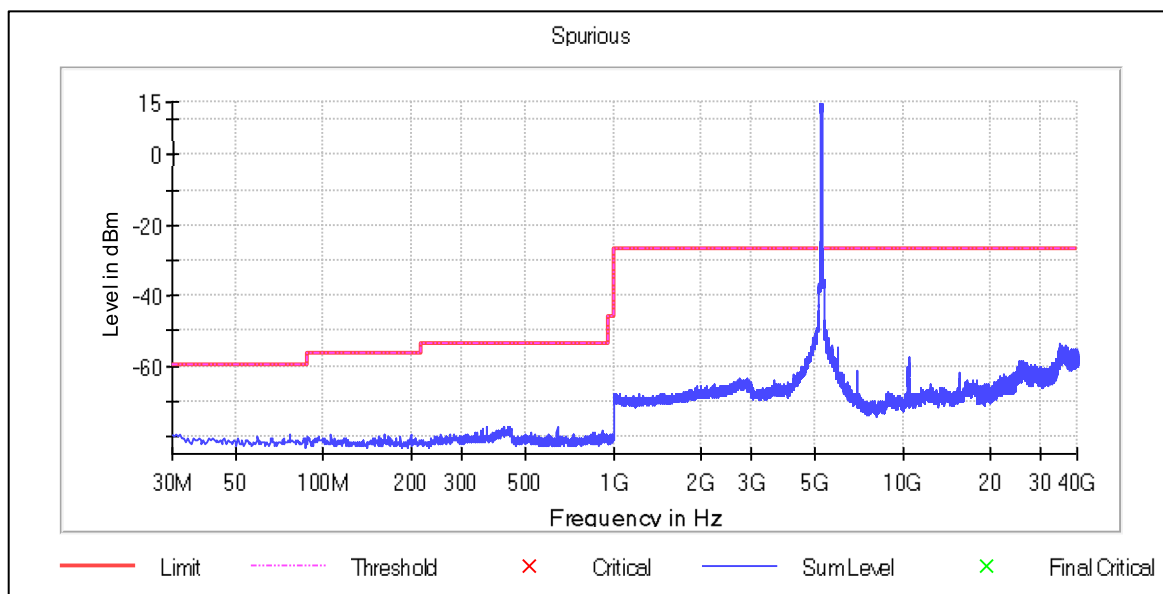
Tx Spurious emissions, conducted: U-NII-1, 802.11ax HE-SU, ch38, 40 MHz, MCS1



Pre Measurements, U-NII-1, 802.11ax HE-SU, ch46, 40 MHz, MCS1

Frequency (MHz)	Level (dBm)	Margin (dB)	Limit (dBm)
5148.499819	-42.5	15.5	-27.0
5149.499940	-43.1	16.1	-27.0
5148.999880	-43.4	16.4	-27.0
5139.998795	-44.1	17.1	-27.0
5134.998193	-44.5	17.5	-27.0
5147.499699	-44.6	17.6	-27.0
5143.499217	-44.9	17.9	-27.0
5142.999157	-44.9	17.9	-27.0
5144.499337	-44.9	17.9	-27.0
5141.999036	-44.9	17.9	-27.0
5144.999398	-45.0	18.0	-27.0
5147.999759	-45.0	18.0	-27.0
5141.498976	-45.0	18.0	-27.0
5145.999518	-45.0	18.0	-27.0
5146.499578	-45.1	18.1	-27.0

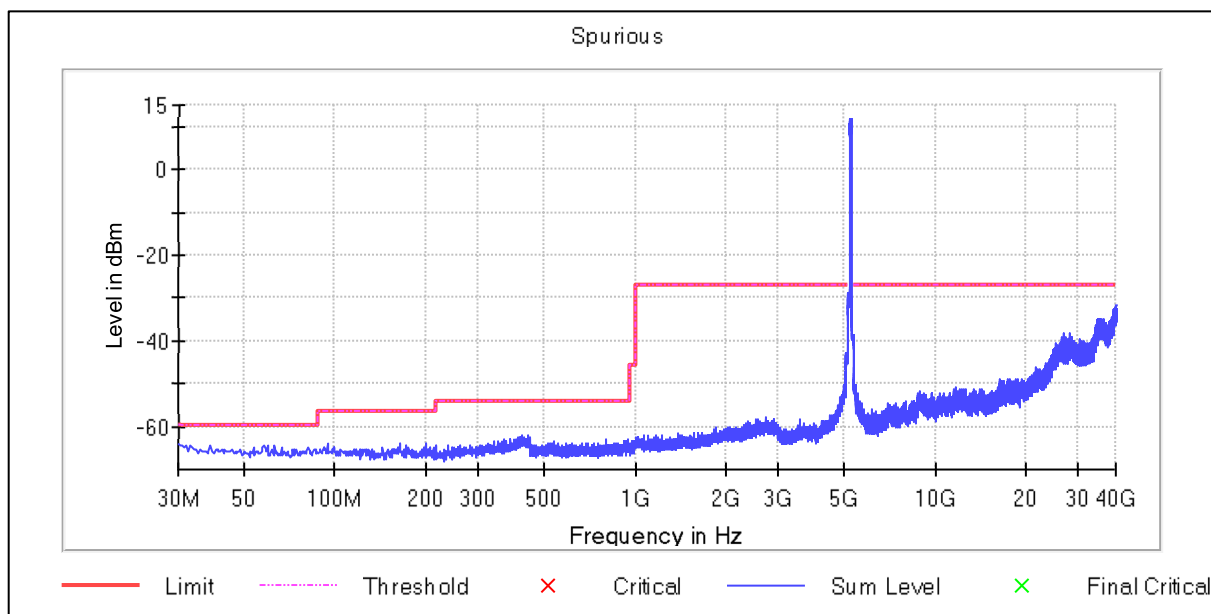
Tx Spurious emissions, conducted: U-NII-1, 802.11ax HE-SU, ch46, 40 MHz, MCS1



Pre Measurements, U-NII-1, 802.11ax HE-SU, ch42, 80 MHz, MCS0

Frequency (MHz)	Level (dBm)	Margin (dB)	Limit (dBm)
5147.499699	-29.5	2.5	-27.0
5141.999036	-29.9	2.9	-27.0
5131.997831	-30.5	3.5	-27.0
30.000000	-63.7	3.8	-59.9
5141.498976	-31.3	4.3	-27.0
5118.996265	-31.3	4.3	-27.0
63.017019	-64.2	4.3	-59.9
30.500258	-64.2	4.3	-59.9
33.001547	-64.4	4.5	-59.9
32.001031	-64.4	4.5	-59.9
31.000516	-64.4	4.5	-59.9
58.014440	-64.4	4.5	-59.9
5144.499337	-31.6	4.6	-27.0
59.515214	-64.6	4.7	-59.9
38.504384	-64.6	4.7	-59.9

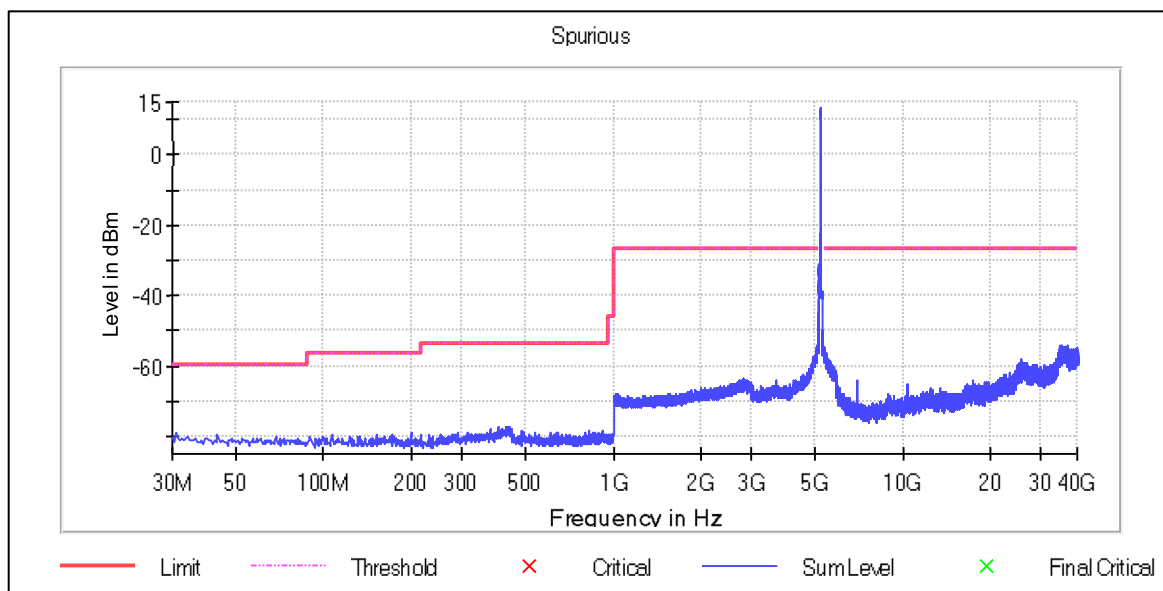
Tx Spurious emissions, conducted: U-NII-1, 802.11ax HE-SU, ch42, 80 MHz, MCS0



Pre Measurements, U-NII-1, 802.11ax HE-TB Full RU, ch36, 20 MHz, MCS0

Frequency (MHz)	Level (dBm)	Margin (dB)	Limit (dBm)
5145.999518	-41.0	14.0	-27.0
5146.499578	-41.4	14.4	-27.0
5145.499458	-43.6	16.6	-27.0
5142.499096	-44.7	17.7	-27.0
31.000516	-79.0	19.1	-59.9
43.006704	-79.4	19.5	-59.9
68.519856	-79.8	19.9	-59.9
5134.998193	-47.0	20.0	-27.0
34.002063	-80.1	20.2	-59.9
30.000000	-80.3	20.4	-59.9
31.500774	-80.4	20.5	-59.9
58.514698	-80.4	20.5	-59.9
70.520887	-80.4	20.5	-59.9
32.501289	-80.5	20.6	-59.9
43.506962	-80.5	20.6	-59.9

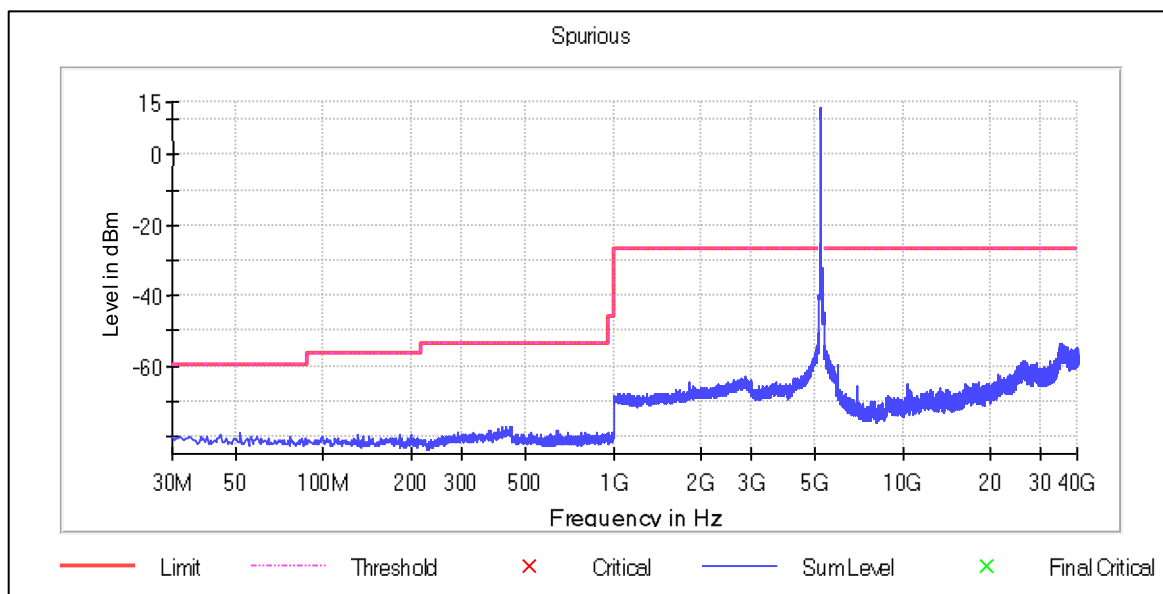
Tx Spurious emissions, conducted: U-NII-1, 802.11ax HE-TB Full RU, ch36, 20 MHz, MCS0



Pre Measurements, U-NII-1, 802.11ax HE-TB Full RU, ch44, 20 MHz, MCS0

Frequency (MHz)	Level (dBm)	Margin (dB)	Limit (dBm)
51.511088	-79.2	19.3	-59.9
44.007220	-79.3	19.4	-59.9
58.514698	-80.0	20.1	-59.9
77.024239	-80.1	20.2	-59.9
39.504899	-80.1	20.2	-59.9
30.000000	-80.1	20.2	-59.9
34.502321	-80.2	20.3	-59.9
37.503868	-80.2	20.3	-59.9
32.001031	-80.2	20.3	-59.9
56.013409	-80.3	20.4	-59.9
46.008252	-80.3	20.4	-59.9
31.500774	-80.4	20.5	-59.9
50.010315	-80.6	20.7	-59.9
59.014956	-80.6	20.7	-59.9
34.002063	-80.6	20.7	-59.9

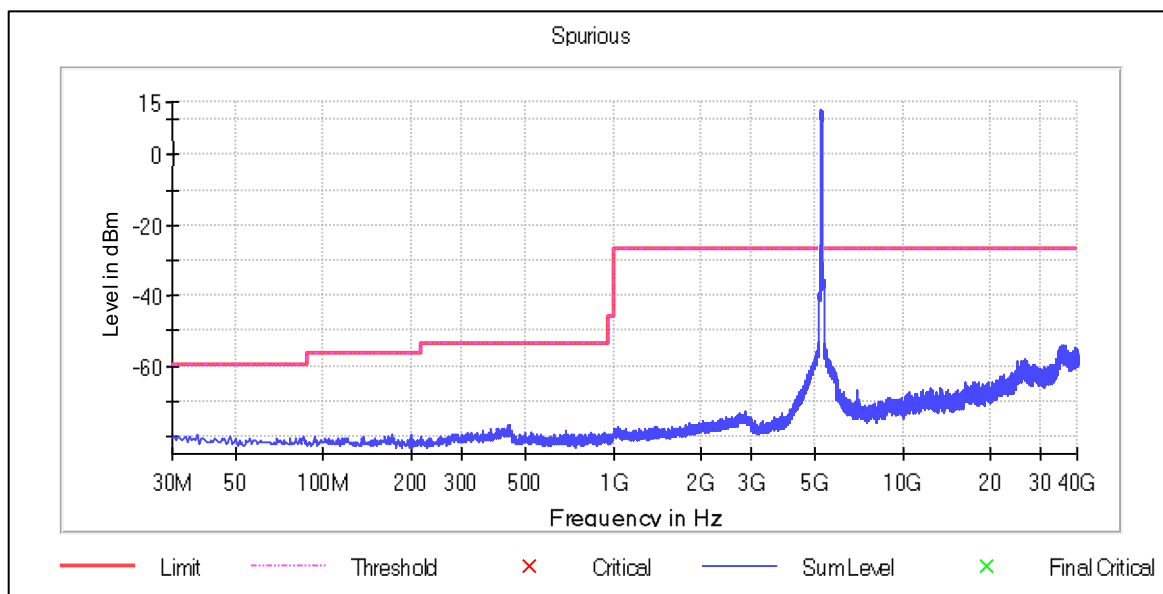
Tx Spurious emissions, conducted: U-NII-1, 802.11ax HE-TB Full RU, ch44, 20 MHz, MCS0



Pre Measurements, U-NII-1, 802.11ax HE-TB Full RU, ch48, 20 MHz, MCS0

Frequency (MHz)	Level (dBm)	Margin (dB)	Limit (dBm)
36.503352	-79.7	19.8	-59.9
33.501805	-79.8	19.9	-59.9
31.500774	-79.9	20.0	-59.9
30.500258	-79.9	20.0	-59.9
34.502321	-80.1	20.2	-59.9
85.528623	-80.2	20.3	-59.9
47.509025	-80.3	20.4	-59.9
42.006189	-80.5	20.6	-59.9
33.001547	-80.5	20.6	-59.9
38.504384	-80.6	20.7	-59.9
76.523981	-80.6	20.7	-59.9
30.000000	-80.6	20.7	-59.9
49.510057	-80.6	20.7	-59.9
32.001031	-80.7	20.8	-59.9
80.025786	-80.7	20.8	-59.9

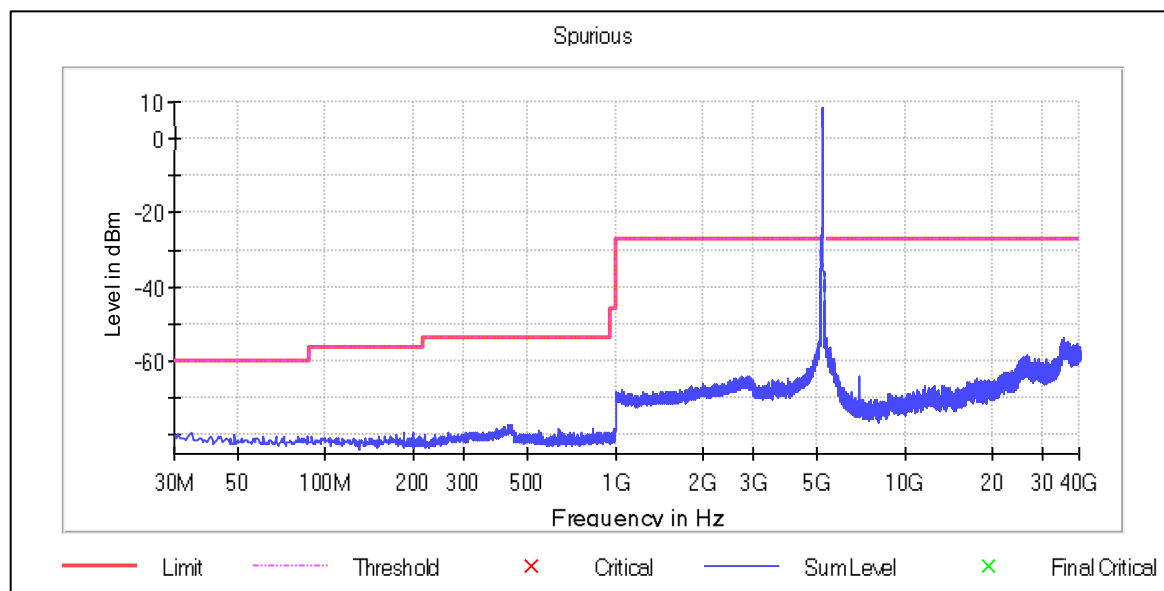
Tx Spurious emissions, conducted: U-NII-1, 802.11ax HE-TB Full RU, ch48, 20 MHz, MCS0



Pre Measurements, U-NII-1, 802.11ax HE-TB Full RU, ch38, 40 MHz, MCS0

Frequency (MHz)	Level (dBm)	Margin (dB)	Limit (dBm)
5148.999880	-32.1	5.1	-27.0
5149.499940	-33.0	6.0	-27.0
5148.499819	-34.3	7.3	-27.0
5146.499578	-34.8	7.8	-27.0
5147.499699	-34.8	7.8	-27.0
5145.499458	-34.8	7.8	-27.0
5146.999639	-35.8	8.8	-27.0
5143.999277	-36.0	9.0	-27.0
5142.499096	-37.3	10.3	-27.0
5144.999398	-37.6	10.6	-27.0
5144.499337	-37.9	10.9	-27.0
5141.999036	-37.9	10.9	-27.0
5145.999518	-39.0	12.0	-27.0
5140.998916	-39.0	12.0	-27.0
5143.499217	-39.1	12.1	-27.0

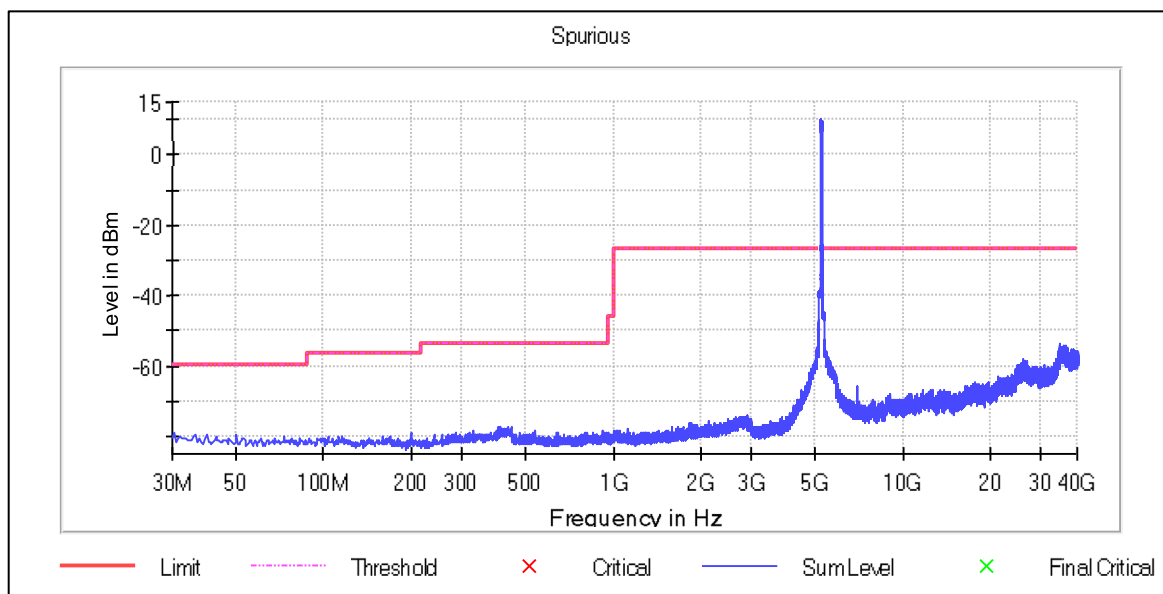
Tx Spurious emissions, conducted: U-NII-1, 802.11ax HE-TB Full RU, ch38, 40 MHz, MCS0



Pre Measurements, U-NII-1, 802.11ax HE-TB Full RU, ch46, 40 MHz, MCS0

Frequency (MHz)	Level (dBm)	Margin (dB)	Limit (dBm)
5149.499940	-45.5	18.5	-27.0
5148.999880	-45.6	18.6	-27.0
30.500258	-79.2	19.3	-59.9
39.504899	-79.5	19.6	-59.9
50.010315	-79.6	19.7	-59.9
36.003094	-79.7	19.8	-59.9
5146.999639	-47.1	20.1	-27.0
35.502837	-80.1	20.2	-59.9
32.001031	-80.3	20.4	-59.9
73.022176	-80.3	20.4	-59.9
42.506447	-80.3	20.4	-59.9
5145.999518	-47.4	20.4	-27.0
37.003610	-80.3	20.4	-59.9
61.015988	-80.4	20.5	-59.9
32.501289	-80.4	20.5	-59.9

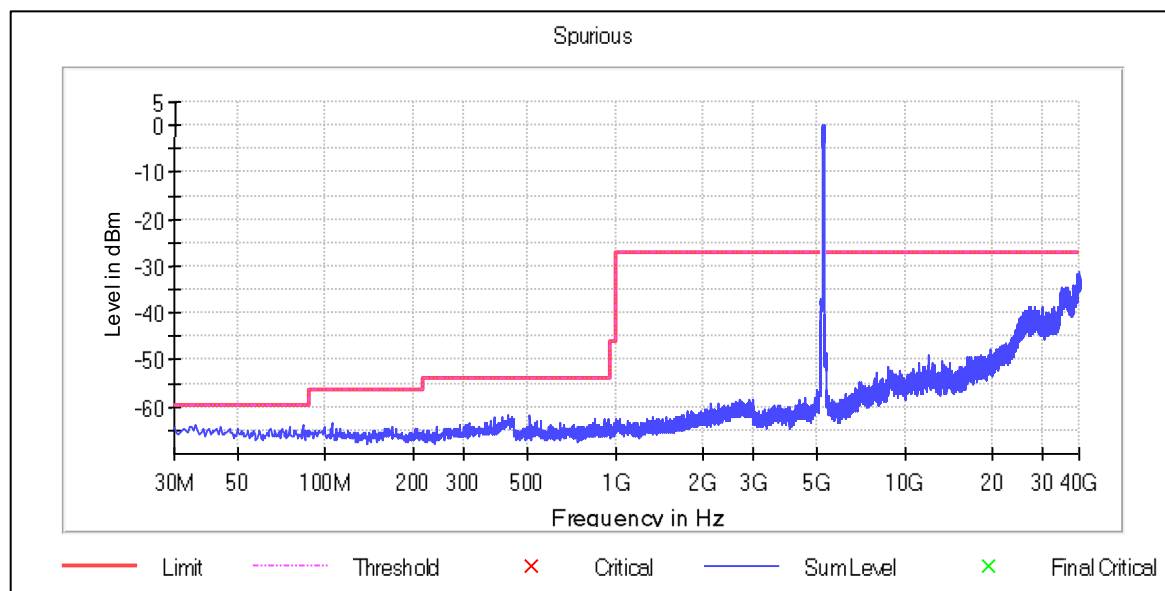
Tx Spurious emissions, conducted: U-NII-1, 802.11ax HE-TB Full RU, ch46, 40 MHz, MCS0



Pre Measurements, U-NII-1, 802.11ax HE-TB Full RU, ch42, 80 MHz, MCS0

Frequency (MHz)	Level (dBm)	Margin (dB)	Limit (dBm)
83.527592	-63.8	3.9	-59.9
35.502837	-64.0	4.1	-59.9
30.000000	-64.0	4.1	-59.9
39886.995964	-31.2	4.2	-27.0
43.506962	-64.1	4.2	-59.9
34.502321	-64.2	4.3	-59.9
39600.985749	-31.5	4.5	-27.0
75.023208	-64.4	4.5	-59.9
34.002063	-64.4	4.5	-59.9
32.501289	-64.4	4.5	-59.9
64.517793	-64.5	4.6	-59.9
42.006189	-64.5	4.6	-59.9
39.504899	-64.6	4.7	-59.9
38.004126	-64.6	4.7	-59.9
70.520887	-64.6	4.7	-59.9

Tx Spurious emissions, conducted: U-NII-1, 802.11ax HE-TB Full RU, ch42, 80 MHz, MCS0



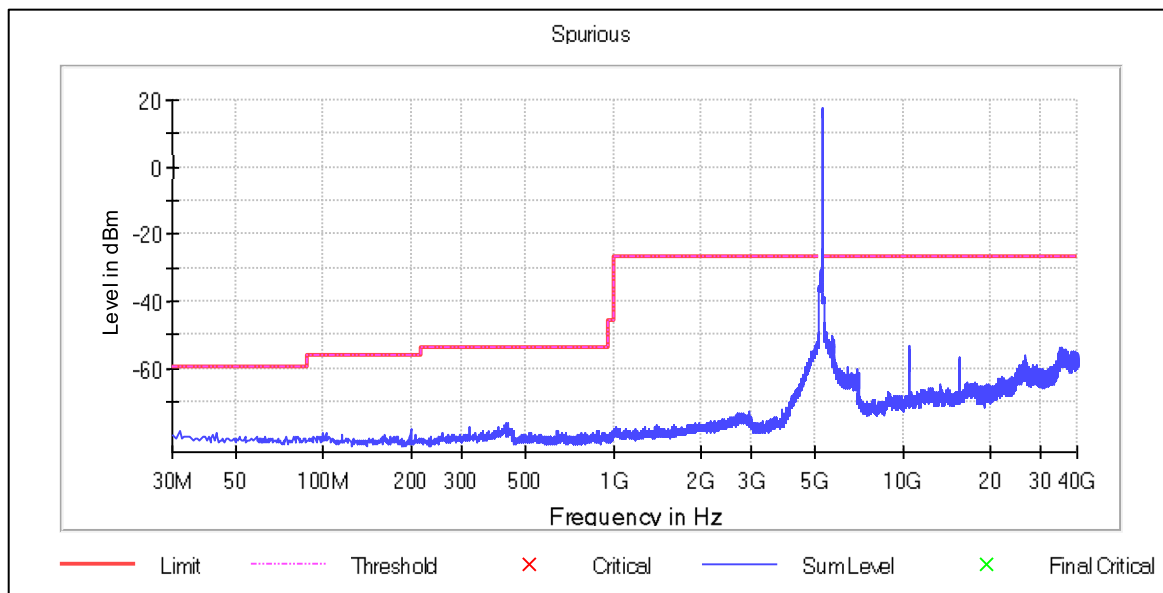
Tx Spurious emissions, conducted: U-NII-2A, Summary

Mode / modulation	DUT Frequency (MHz)	Result
U-NII-2A, 802.11a, ch52, 20 MHz, 6 Mbps	5260.000000	PASS
U-NII-2A, 802.11a, ch56, 20 MHz, 6 MBps	5280.000000	PASS
U-NII-2A, 802.11a, ch64, 20 MHz, 6 Mbps	5320.000000	PASS
U-NII-2A, 802.11n, ch52, 20 MHz, MCS4	5260.000000	PASS
U-NII-2A, 802.11n, ch56, 20 MHz, MCS4	5280.000000	PASS
U-NII-2A, 802.11n, ch64, 20 MHz, MCS4	5320.000000	PASS
U-NII-2A, 802.11n, ch54, 40 MHz, MCS4	5270.000000	PASS
U-NII-2A, 802.11n, ch62, 40 MHz, MCS4	5310.000000	PASS
U-NII-2A, 802.11ac, ch52, 20 MHz, MCS0	5260.000000	PASS
U-NII-2A, 802.11ac, ch56, 20 MHz, MCS0	5280.000000	PASS
U-NII-2A, 802.11ac, ch64, 20 MHz, MCS0	5320.000000	PASS
U-NII-2A, 802.11ac, ch54, 40 MHz, MCS1	5270.000000	PASS
U-NII-2A, 802.11ac, ch62, 40 MHz, MCS1	5310.000000	PASS
U-NII-2A, 802.11ac, ch58, 80 MHz, MCS0	5290.000000	PASS
U-NII-2A, 802.11ax HE-SU, ch52, 20 MHz, MCS0	5260.000000	PASS
U-NII-2A, 802.11ax HE-SU, ch56, 20 MHz, MCS0	5280.000000	PASS
U-NII-2A, 802.11ax HE-SU, ch64, 20 MHz, MCS0	5320.000000	PASS
U-NII-2A, 802.11ax HE-SU, ch54, 40 MHz, MCS0	5270.000000	PASS
U-NII-2A, 802.11ax HE-SU, ch62, 40 MHz, MCS0	5310.000000	PASS
U-NII-2A, 802.11ax HE-SU, ch58, 80 MHz, MCS0	5290.000000	PASS
U-NII-2A, 802.11ax HE-TB Full RU, ch52, 20 MHz, MCS0	5260.000000	PASS
U-NII-2A, 802.11ax HE-TB Full RU, ch56, 20 MHz, MCS0	5280.000000	PASS
U-NII-2A, 802.11ax HE-TB Full RU, ch64, 20 MHz, MCS0	5320.000000	PASS
U-NII-2A, 802.11ax HE-TB Full RU, ch54, 40 MHz, MCS0	5270.000000	PASS
U-NII-2A, 802.11ax HE-TB Full RU, ch62, 40 MHz, MCS0	5310.000000	PASS
U-NII-2A, 802.11ax HE-TB Full RU, ch58, 80 MHz, MCS0	5290.000000	PASS

Pre Measurements, U-NII-2A, 802.11a, ch52, 20 MHz, 6 Mbps

Frequency (MHz)	Level (dBm)	Margin (dB)	Limit (dBm)
32.001031	-78.6	18.7	-59.9
42.506447	-79.0	19.1	-59.9
5373.096234	-46.6	19.6	-27.0
31.500774	-79.8	19.9	-59.9
41.505931	-79.9	20.0	-59.9
30.000000	-79.9	20.0	-59.9
43.006704	-80.0	20.1	-59.9
33.501805	-80.1	20.2	-59.9
30.500258	-80.2	20.3	-59.9
78.525013	-80.2	20.3	-59.9
38.504384	-80.2	20.3	-59.9
81.526560	-80.2	20.3	-59.9
34.002063	-80.2	20.3	-59.9
80.526044	-80.2	20.3	-59.9
74.522950	-80.3	20.4	-59.9

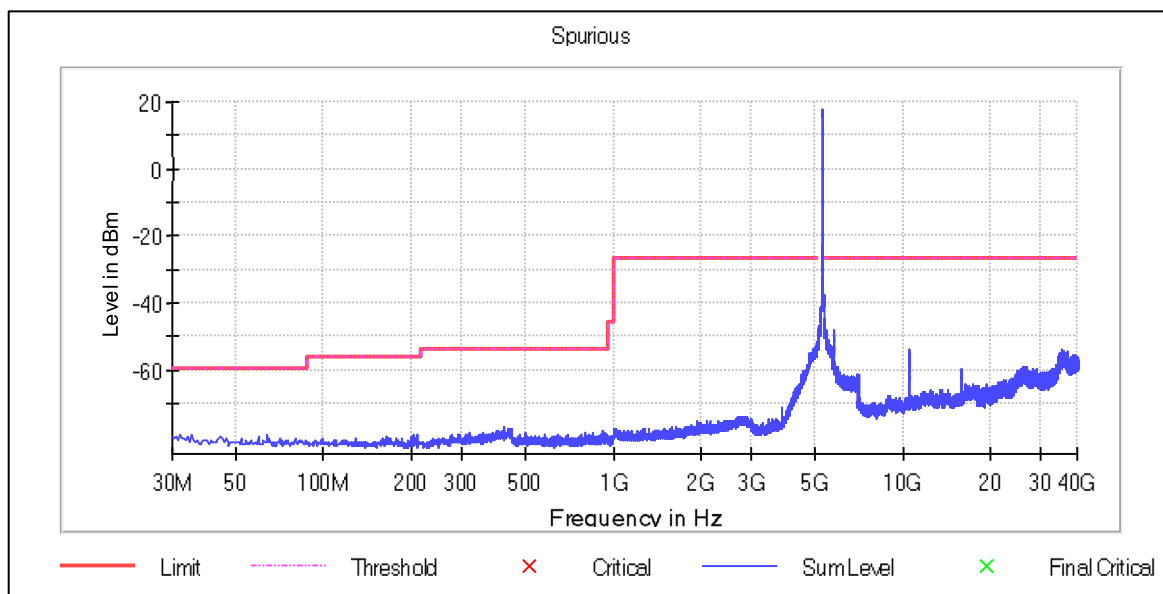
Tx Spurious emissions, conducted: U-NII-2A, 802.11a, ch52, 20 MHz, 6 Mbps



Pre Measurements, U-NII-2A, 802.11a, ch56, 20 MHz, 6 Mbps

Frequency (MHz)	Level (dBm)	Margin (dB)	Limit (dBm)
5359.539749	-44.6	17.6	-27.0
5353.514644	-44.7	17.7	-27.0
5353.012552	-44.9	17.9	-27.0
5356.025105	-45.0	18.0	-27.0
5354.518828	-45.3	18.3	-27.0
5357.531381	-45.7	18.7	-27.0
5362.050209	-45.7	18.7	-27.0
5367.071130	-45.8	18.8	-27.0
5357.029289	-45.8	18.8	-27.0
5352.510460	-45.9	18.9	-27.0
5358.033473	-45.9	18.9	-27.0
5362.552301	-45.9	18.9	-27.0
5359.037657	-46.0	19.0	-27.0
5356.527197	-46.2	19.2	-27.0
5367.573222	-46.2	19.2	-27.0

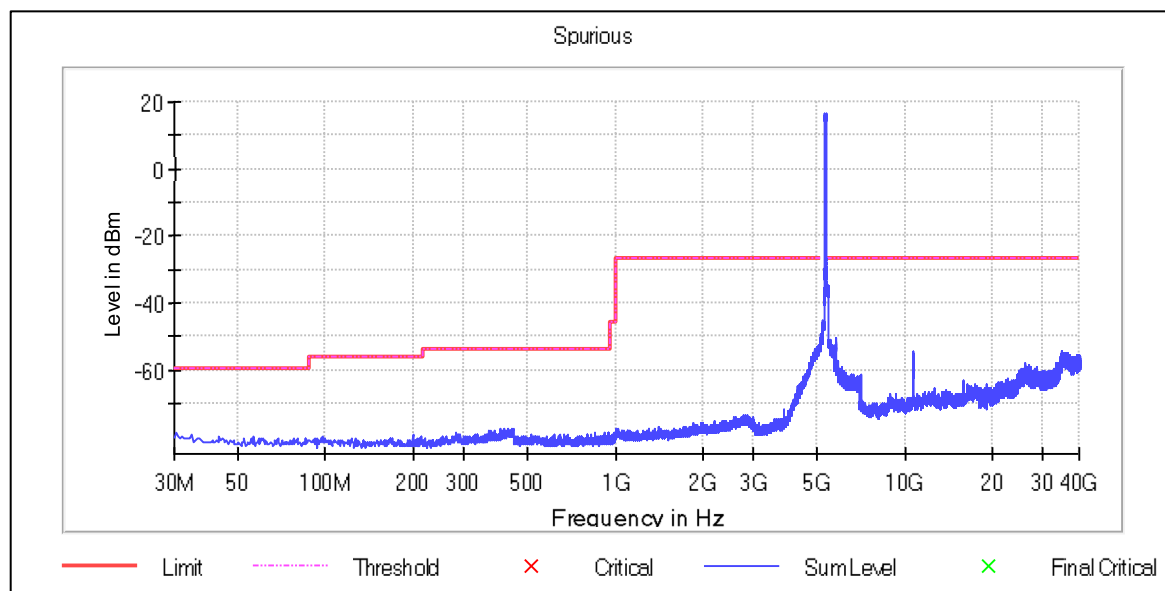
Tx Spurious emissions, conducted: U-NII-2A, 802.11a, ch56, 20 MHz, 6 Mbps



Pre Measurements, U-NII-2A, 802.11a, ch64, 20 MHz, 6 Mbps

Frequency (MHz)	Level (dBm)	Margin (dB)	Limit (dBm)
5399.205021	-34.4	7.4	-27.0
5385.146444	-34.7	7.7	-27.0
5422.803347	-34.7	7.7	-27.0
5376.108787	-34.8	7.8	-27.0
5395.690377	-34.8	7.8	-27.0
5436.861925	-34.9	7.9	-27.0
5371.087866	-35.0	8.0	-27.0
5372.594142	-35.0	8.0	-27.0
5378.117155	-35.1	8.1	-27.0
5355.523013	-35.1	8.1	-27.0
5400.209205	-35.1	8.1	-27.0
5461.464435	-35.3	8.3	-27.0
5358.033473	-35.3	8.3	-27.0
5409.748954	-35.5	8.5	-27.0
5355.020921	-35.5	8.5	-27.0

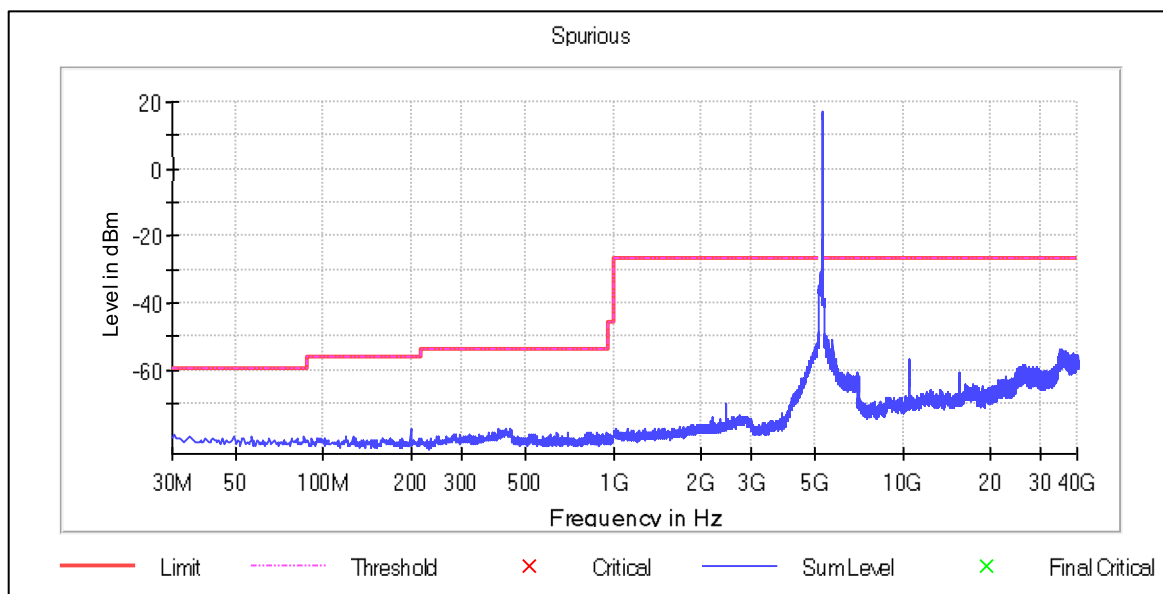
Tx Spurious emissions, conducted: U-NII-2A, 802.11a, ch64, 20 MHz, 6 Mbps



Pre Measurements, U-NII-2A, 802.11n, ch52, 20 MHz, MCS4

Frequency (MHz)	Level (dBm)	Margin (dB)	Limit (dBm)
30.500258	-79.2	19.3	-59.9
49.009799	-79.7	19.8	-59.9
34.502321	-79.8	19.9	-59.9
56.513667	-80.0	20.1	-59.9
85.528623	-80.1	20.2	-59.9
39.004642	-80.2	20.3	-59.9
31.000516	-80.2	20.3	-59.9
31.500774	-80.3	20.4	-59.9
34.002063	-80.4	20.5	-59.9
41.505931	-80.4	20.5	-59.9
44.507478	-80.4	20.5	-59.9
32.001031	-80.4	20.5	-59.9
77.524497	-80.5	20.6	-59.9
35.002579	-80.5	20.6	-59.9
65.018051	-80.5	20.6	-59.9

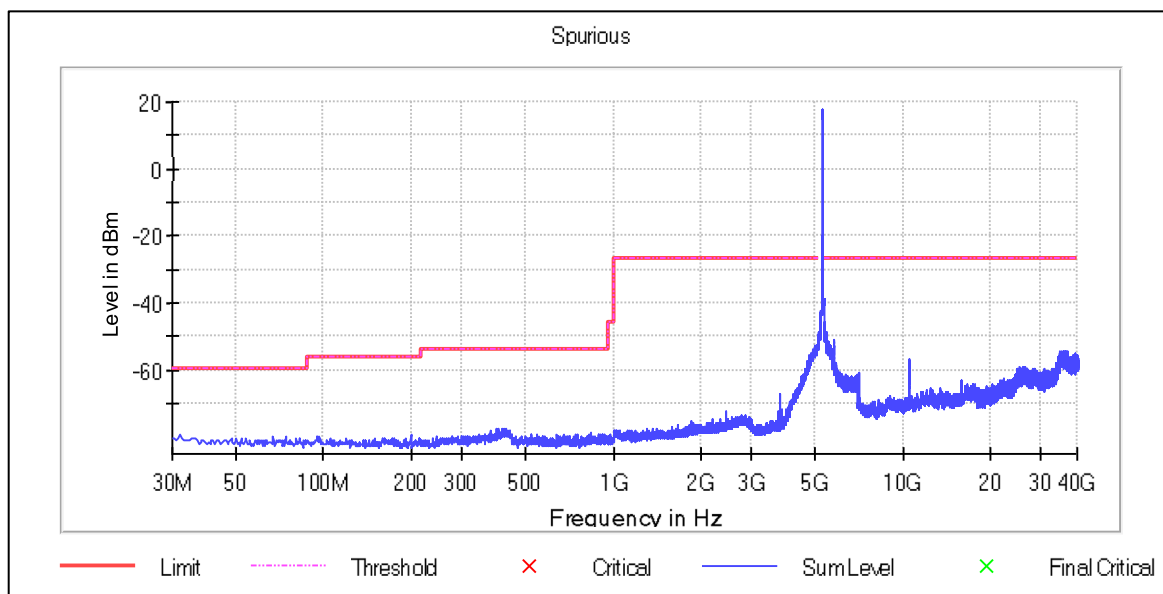
Tx Spurious emissions, conducted: U-NII-2A, 802.11n, ch52, 20 MHz, MCS4



Pre Measurements, U-NII-2A, 802.11n, ch56, 20 MHz, MCS4

Frequency (MHz)	Level (dBm)	Margin (dB)	Limit (dBm)
5359.539749	-45.5	18.5	-27.0
5364.058577	-45.7	18.7	-27.0
5352.510460	-45.9	18.9	-27.0
5354.016736	-45.9	18.9	-27.0
5351.506276	-46.1	19.1	-27.0
5351.004184	-46.3	19.3	-27.0
5352.008368	-46.3	19.3	-27.0
32.001031	-79.2	19.3	-59.9
5354.518828	-46.5	19.5	-27.0
5367.573222	-46.6	19.6	-27.0
74.022692	-79.6	19.7	-59.9
5367.071130	-46.8	19.8	-27.0
5361.548117	-46.9	19.9	-27.0
5350.502092	-47.0	20.0	-27.0
5357.029289	-47.0	20.0	-27.0

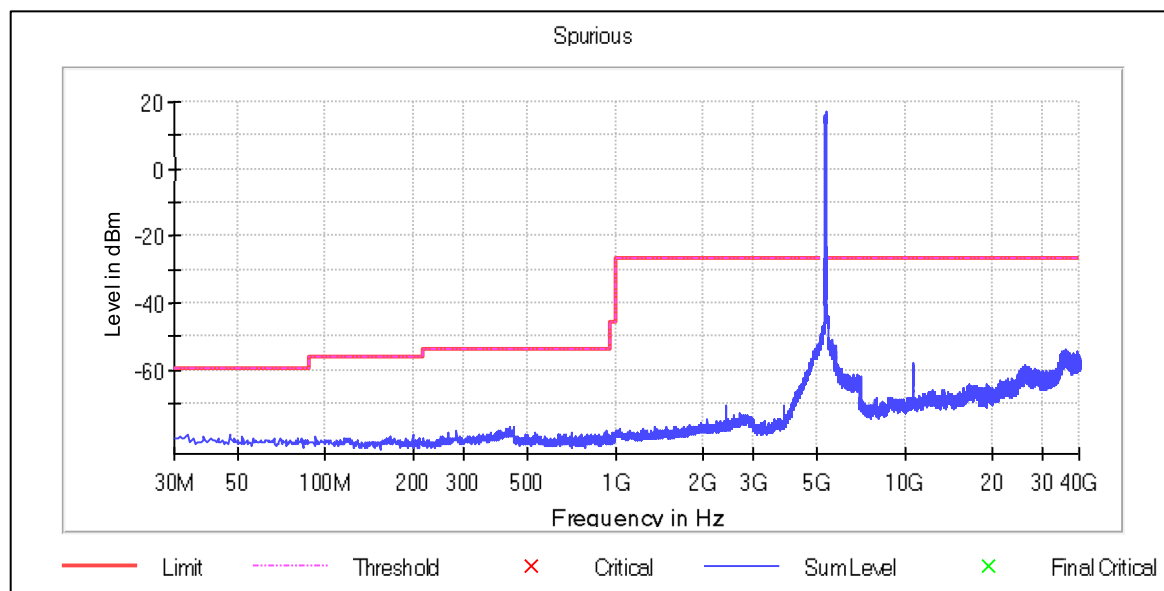
Tx Spurious emissions, conducted: U-NII-2A, 802.11n, ch56, 20 MHz, MCS4



Pre Measurements, U-NII-2A, 802.11n, ch64, 20 MHz, MCS4

Frequency (MHz)	Level (dBm)	Margin (dB)	Limit (dBm)
5356.025105	-40.5	13.5	-27.0
5350.502092	-40.6	13.6	-27.0
5351.506276	-40.9	13.9	-27.0
5353.012552	-41.0	14.0	-27.0
5368.075314	-41.2	14.2	-27.0
5357.531381	-41.3	14.3	-27.0
5355.523013	-41.5	14.5	-27.0
5354.518828	-41.5	14.5	-27.0
5375.606695	-41.8	14.8	-27.0
5352.510460	-41.8	14.8	-27.0
5351.004184	-41.9	14.9	-27.0
5358.033473	-42.1	15.1	-27.0
5353.514644	-42.3	15.3	-27.0
5358.535565	-42.3	15.3	-27.0
5360.543933	-42.3	15.3	-27.0

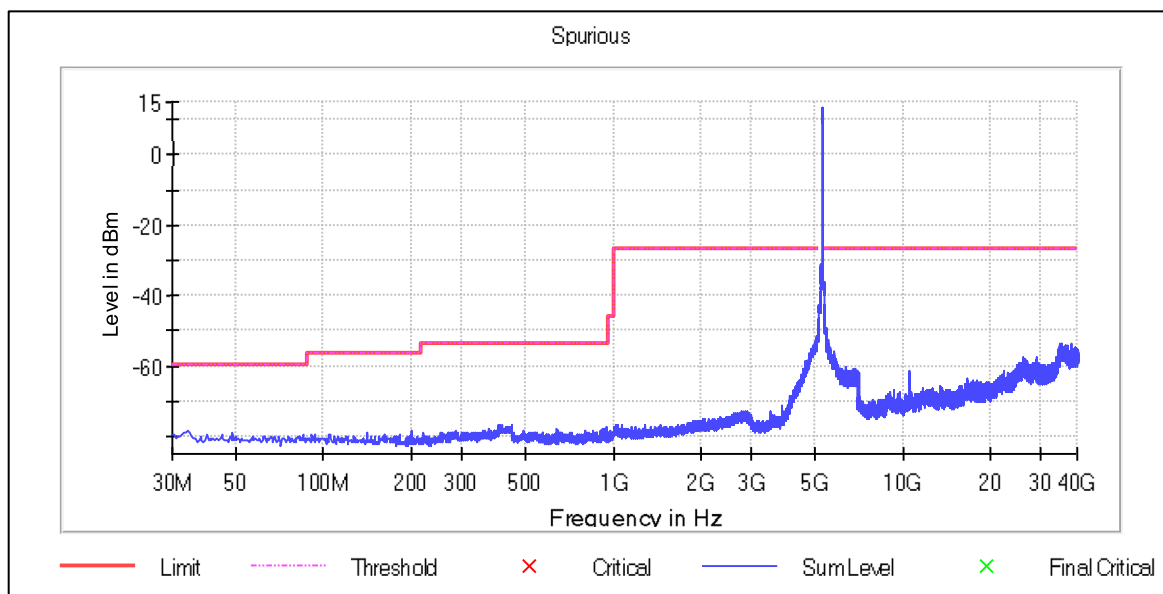
Tx Spurious emissions, conducted: U-NII-2A, 802.11n, ch64, 20 MHz, MCS4



Pre Measurements, U-NII-2A, 802.11n, ch54, 40 MHz, MCS4

Frequency (MHz)	Level (dBm)	Margin (dB)	Limit (dBm)
5361.046025	-42.7	15.7	-27.0
5362.050209	-42.8	15.8	-27.0
5361.548117	-43.3	16.3	-27.0
5359.539749	-43.9	16.9	-27.0
5360.041841	-43.9	16.9	-27.0
5355.523013	-44.2	17.2	-27.0
5356.527197	-44.2	17.2	-27.0
5362.552301	-44.3	17.3	-27.0
5360.543933	-44.4	17.4	-27.0
5353.012552	-44.5	17.5	-27.0
5363.054393	-44.6	17.6	-27.0
5354.016736	-44.6	17.6	-27.0
5352.510460	-44.9	17.9	-27.0
5357.531381	-45.0	18.0	-27.0
5359.037657	-45.0	18.0	-27.0

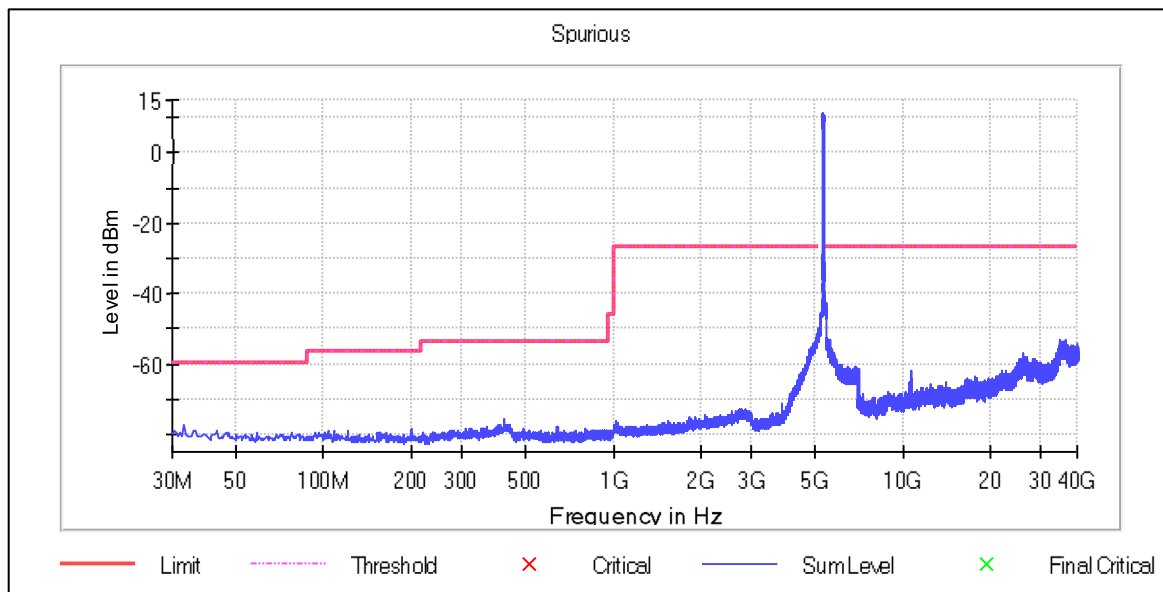
Tx Spurious emissions, conducted: U-NII-2A, 802.11n, ch54, 40 MHz, MCS4



Pre Measurements, U-NII-2A, 802.11n, ch62, 40 MHz, MCS4

Frequency (MHz)	Level (dBm)	Margin (dB)	Limit (dBm)
5354.016736	-39.2	12.2	-27.0
5353.514644	-40.4	13.4	-27.0
5359.539749	-41.0	14.0	-27.0
5352.008368	-41.1	14.1	-27.0
5356.527197	-41.2	14.2	-27.0
5357.029289	-41.2	14.2	-27.0
5351.506276	-41.3	14.3	-27.0
5358.535565	-41.3	14.3	-27.0
5353.012552	-41.3	14.3	-27.0
5350.502092	-41.4	14.4	-27.0
5360.041841	-41.5	14.5	-27.0
5354.518828	-41.7	14.7	-27.0
5362.050209	-41.8	14.8	-27.0
5355.020921	-41.8	14.8	-27.0
5352.510460	-41.9	14.9	-27.0

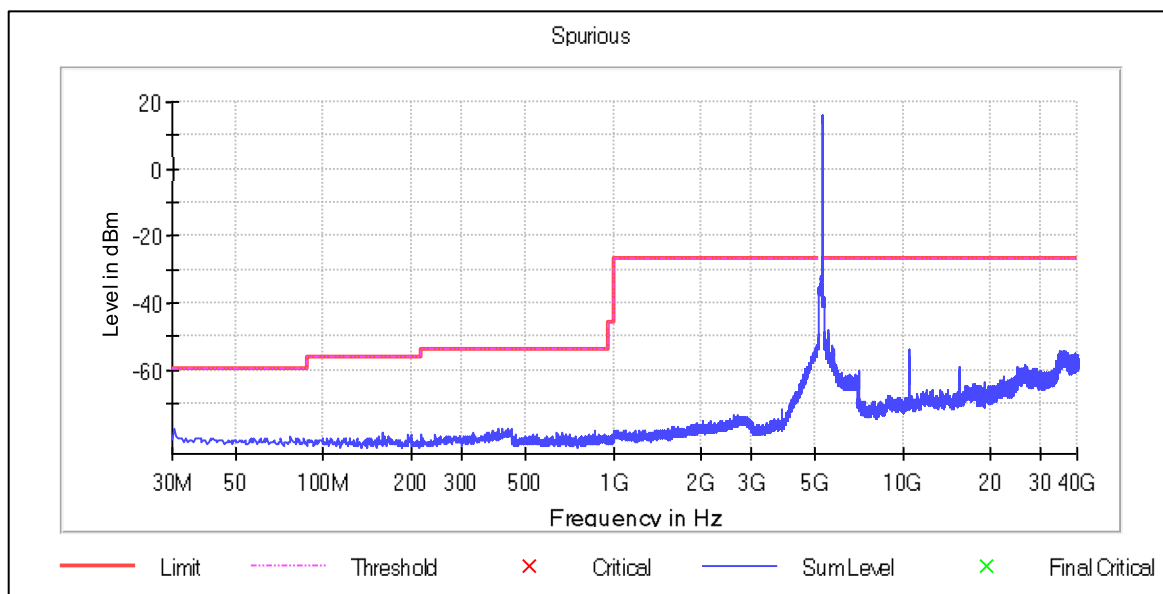
Tx Spurious emissions, conducted: U-NII-2A, 802.11n, ch62, 40 MHz, MCS4



Pre Measurements, U-NII-2A, 802.11ac, ch52, 20 MHz, MCS0

Frequency (MHz)	Level (dBm)	Margin (dB)	Limit (dBm)
30.500258	-77.7	17.8	-59.9
31.000516	-79.9	20.0	-59.9
77.024239	-79.9	20.0	-59.9
41.505931	-80.2	20.3	-59.9
85.528623	-80.2	20.3	-59.9
81.526560	-80.3	20.4	-59.9
40.505415	-80.3	20.4	-59.9
60.515730	-80.3	20.4	-59.9
57.514183	-80.3	20.4	-59.9
32.001031	-80.3	20.4	-59.9
33.501805	-80.3	20.4	-59.9
56.013409	-80.4	20.5	-59.9
36.003094	-80.4	20.5	-59.9
37.503868	-80.5	20.6	-59.9
36.503352	-80.5	20.6	-59.9

Tx Spurious emissions, conducted: U-NII-2A, 802.11ac, ch52, 20 MHz, MCS0



Pre Measurements, U-NII-2A, 802.11ac, ch56, 20 MHz, MCS0

Frequency (MHz)	Level (dBm)	Margin (dB)	Limit (dBm)
5351.506276	-45.4	18.4	-27.0
5356.025105	-45.5	18.5	-27.0
5352.008368	-45.5	18.5	-27.0
5362.552301	-45.9	18.9	-27.0
5353.514644	-46.0	19.0	-27.0
5352.510460	-46.0	19.0	-27.0
5354.016736	-46.1	19.1	-27.0
5350.502092	-46.2	19.2	-27.0
5351.004184	-46.3	19.3	-27.0
31.500774	-79.3	19.4	-59.9
5353.012552	-46.4	19.4	-27.0
5355.523013	-46.5	19.5	-27.0
5356.527197	-46.6	19.6	-27.0
5368.075314	-46.6	19.6	-27.0
5364.058577	-46.7	19.7	-27.0

Tx Spurious emissions, conducted: U-NII-2A, 802.11ac, ch56, 20 MHz, MCS0

