

## 19. Emissions in restricted frequency bands (peak)

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

Test method: KDB 789033 D02 General U-NII Test Procedures New Rules v02r01 II.G.1 and ANSI C63.10-2013

Limits according to FCC §15.205 and §15.209

### Emissions in restricted frequency bands, U-NII-1, Summary

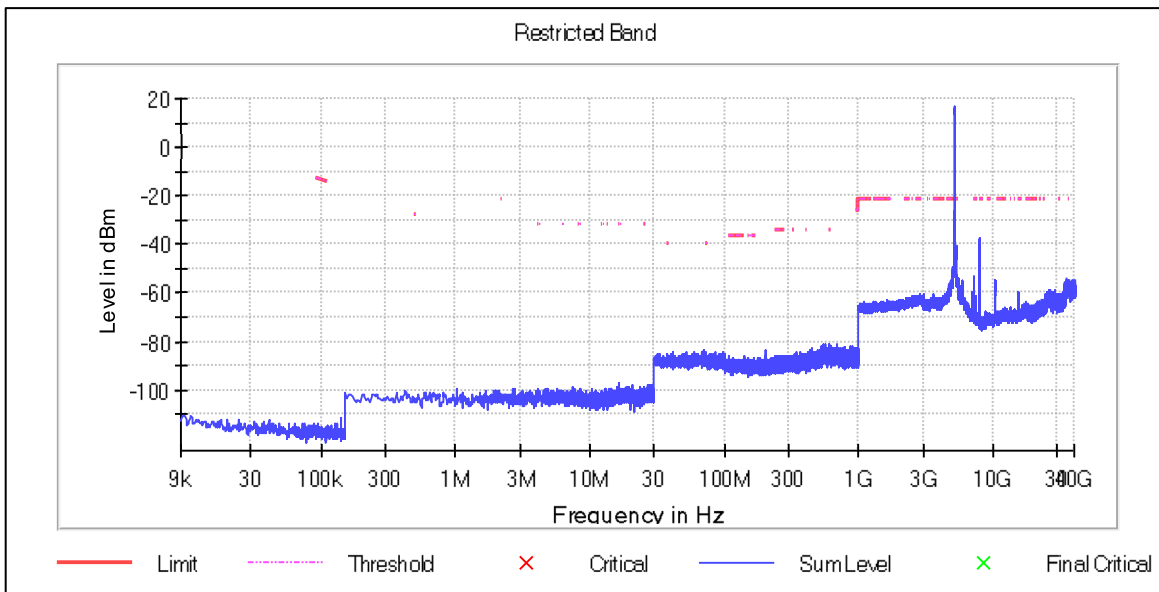
Mode / modulation	DUT Frequency (MHz)	Result
U-NII-1, 802.11a, ch36, 20 MHz, 24 Mbps	5180.000000	PASS
U-NII-1, 802.11a, ch44, 20 MHz, 24 Mbps	5220.000000	PASS
U-NII-1, 802.11a, ch48, 20 MHz, 24 Mbps	5240.000000	PASS
U-NII-1, 802.11n, ch36, 20 MHz, MCS1	5180.000000	PASS
U-NII-1, 802.11n, ch44, 20 MHz, 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

## Emissions in restricted frequency bands, Summary, U-NII-1

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

Frequency (MHz)	Level (dBm)	Margin (dB)	Limit (dBm)
5150.000000	-41.7	20.5	-21.2
5149.499940	-42.7	21.5	-21.2
5148.499819	-42.7	21.5	-21.2
5147.499699	-43.1	21.9	-21.2
5144.999398	-43.1	21.9	-21.2
5146.499578	-43.4	22.2	-21.2
5141.498976	-43.6	22.4	-21.2
5146.999639	-43.6	22.4	-21.2
5144.499337	-43.8	22.6	-21.2
5145.999518	-43.8	22.6	-21.2
5148.999880	-44.1	22.9	-21.2
5137.498494	-44.4	23.2	-21.2
5147.999759	-44.4	23.2	-21.2
5350.000000	-44.5	23.3	-21.2
5143.999277	-44.5	23.3	-21.2

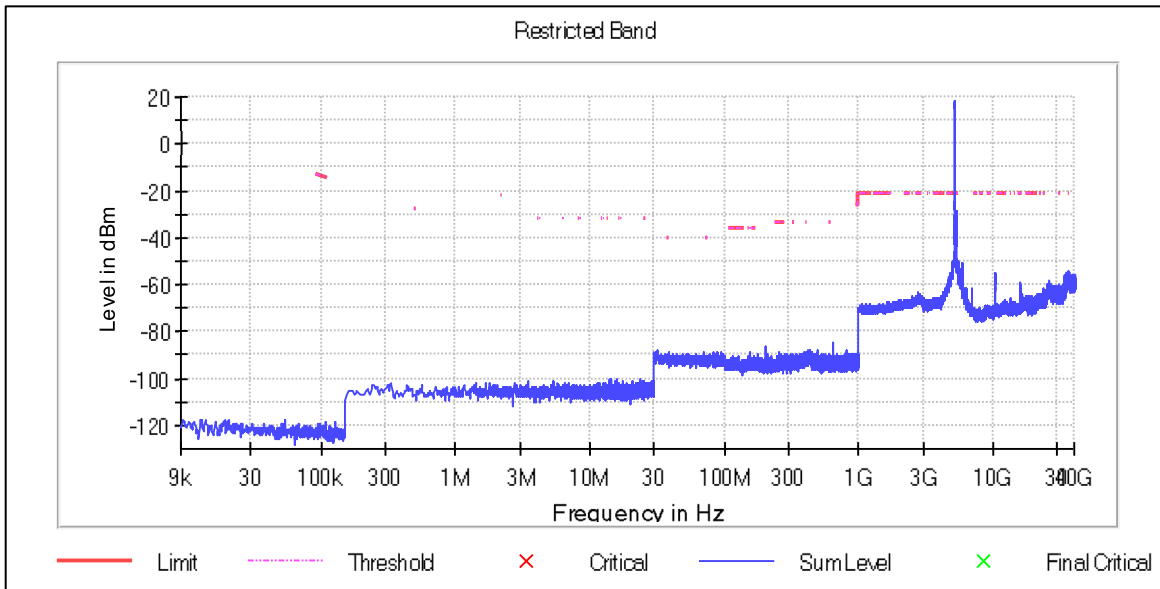
Emissions in restricted frequency bands, conducted: U-NII-1, 802.11a, ch36, 20 MHz, 24 Mbps



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

Frequency (MHz)	Level (dBm)	Margin (dB)	Limit (dBm)
5150.000000	-41.8	20.6	-21.2
5350.000000	-42.2	21.0	-21.2
5147.999759	-46.2	25.0	-21.2
5128.997470	-46.2	25.0	-21.2
5147.499699	-46.4	25.2	-21.2
5132.997952	-46.5	25.3	-21.2
5139.498735	-46.5	25.3	-21.2
5144.499337	-46.6	25.4	-21.2
5138.998675	-46.6	25.4	-21.2
5133.498012	-46.8	25.6	-21.2
5143.999277	-46.8	25.6	-21.2
5131.997831	-46.9	25.7	-21.2
5136.998434	-46.9	25.7	-21.2
5140.498855	-47.0	25.8	-21.2
5130.497650	-47.1	25.9	-21.2

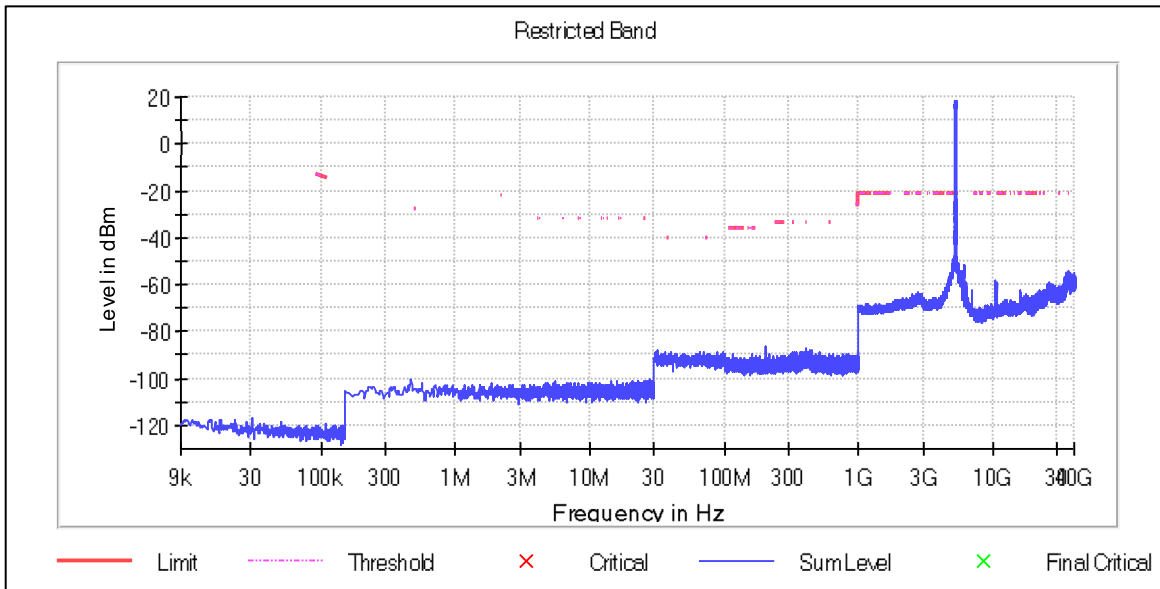
Emissions in restricted frequency bands, conducted: U-NII-1, 802.11a, ch44, 20 MHz, 24 MBps



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

Frequency (MHz)	Level (dBm)	Margin (dB)	Limit (dBm)
5150.000000	-39.3	18.1	-21.2
5350.000000	-40.6	19.4	-21.2
5127.497289	-47.5	26.3	-21.2
5358.535565	-48.1	26.9	-21.2
5359.037657	-48.2	27.0	-21.2
5356.025105	-48.3	27.1	-21.2
5145.999518	-48.3	27.1	-21.2
5148.999880	-48.4	27.2	-21.2
5147.999759	-48.4	27.2	-21.2
5351.004184	-48.5	27.3	-21.2
5148.499819	-48.5	27.3	-21.2
5121.496566	-48.6	27.4	-21.2
5353.012552	-48.6	27.4	-21.2
5115.995903	-48.7	27.5	-21.2
5139.498735	-48.7	27.5	-21.2

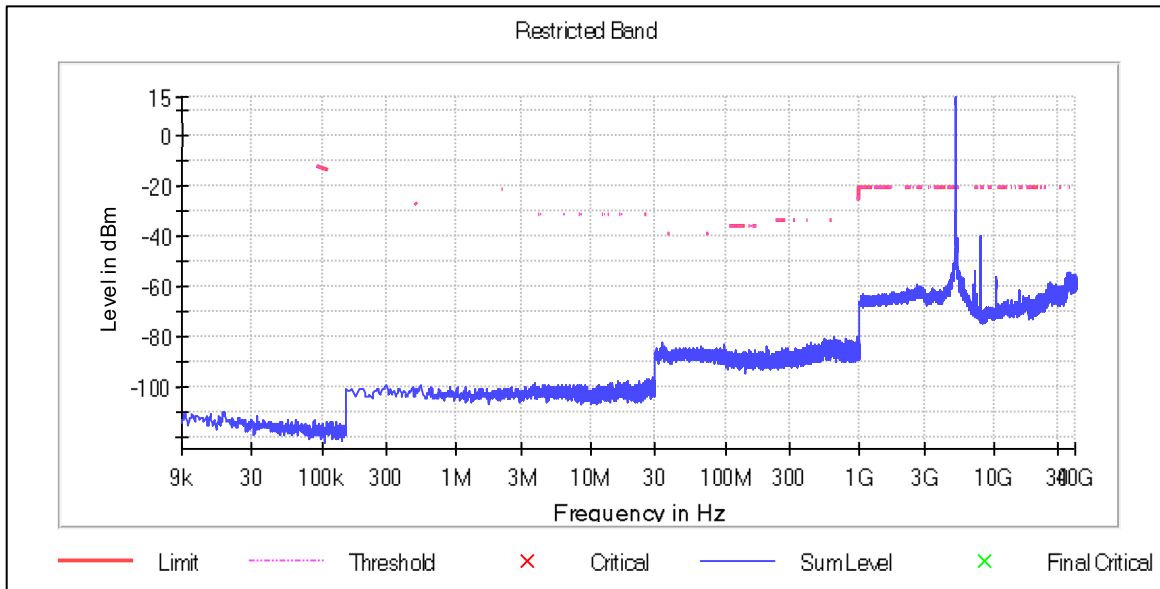
Emissions in restricted frequency bands, conducted: U-NII-1, 802.11a, ch48, 20 MHz, 24 Mbps



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

Frequency (MHz)	Level (dBm)	Margin (dB)	Limit (dBm)
5150.000000	-42.4	21.2	-21.2
5149.499940	-43.9	22.7	-21.2
5148.999880	-44.7	23.5	-21.2
5132.997952	-44.7	23.5	-21.2
5146.999639	-44.7	23.5	-21.2
5132.497891	-44.9	23.7	-21.2
5147.999759	-45.1	23.9	-21.2
5147.499699	-45.2	24.0	-21.2
5350.000000	-45.3	24.1	-21.2
5144.499337	-45.6	24.4	-21.2
5148.499819	-45.6	24.4	-21.2
5139.998795	-45.8	24.6	-21.2
5137.998554	-45.9	24.7	-21.2
5141.999036	-45.9	24.7	-21.2
5145.999518	-46.0	24.8	-21.2

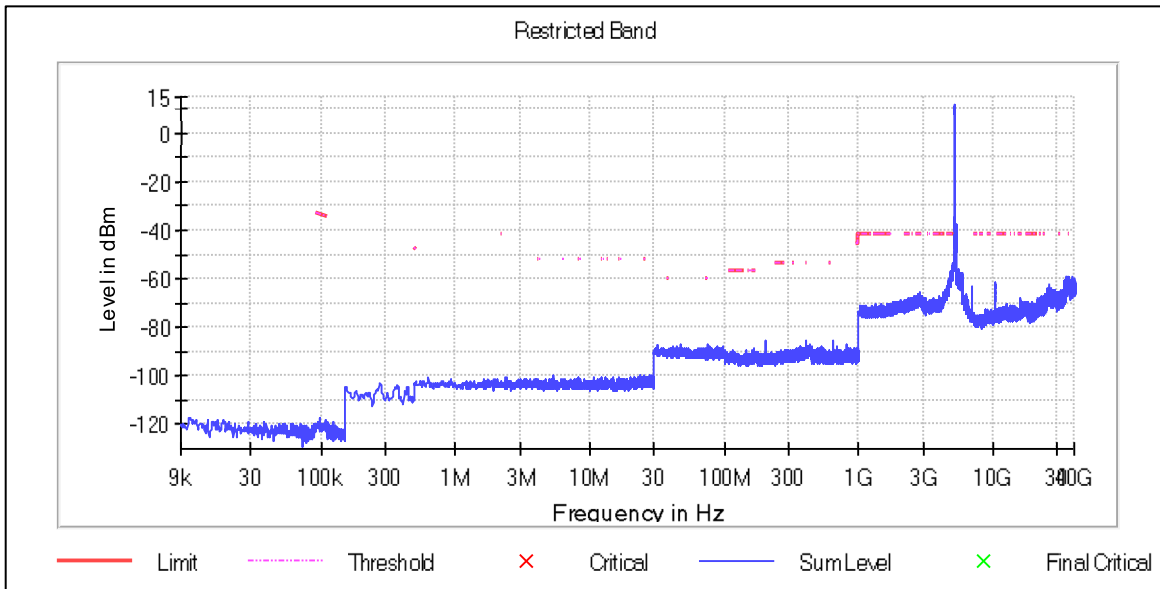
Emissions in restricted frequency bands, conducted: U-NII-1, 802.11n, ch36, 20 MHz, MCS1



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

Frequency (MHz)	Level (dBm)	Margin (dB)	Limit (dBm)
5150.000000	-46.5	5.3	-41.2
5350.000000	-46.5	5.3	-41.2
5147.499699	-47.1	5.9	-41.2
5132.497891	-48.5	7.3	-41.2
5135.498253	-48.8	7.6	-41.2
5144.999398	-48.9	7.7	-41.2
5145.499458	-48.9	7.7	-41.2
5143.499217	-48.9	7.7	-41.2
5149.499940	-49.0	7.8	-41.2
5142.999157	-49.1	7.9	-41.2
5147.999759	-49.5	8.3	-41.2
5131.997831	-49.5	8.3	-41.2
5137.498494	-49.5	8.3	-41.2
5148.499819	-49.6	8.4	-41.2
5138.998675	-49.7	8.5	-41.2

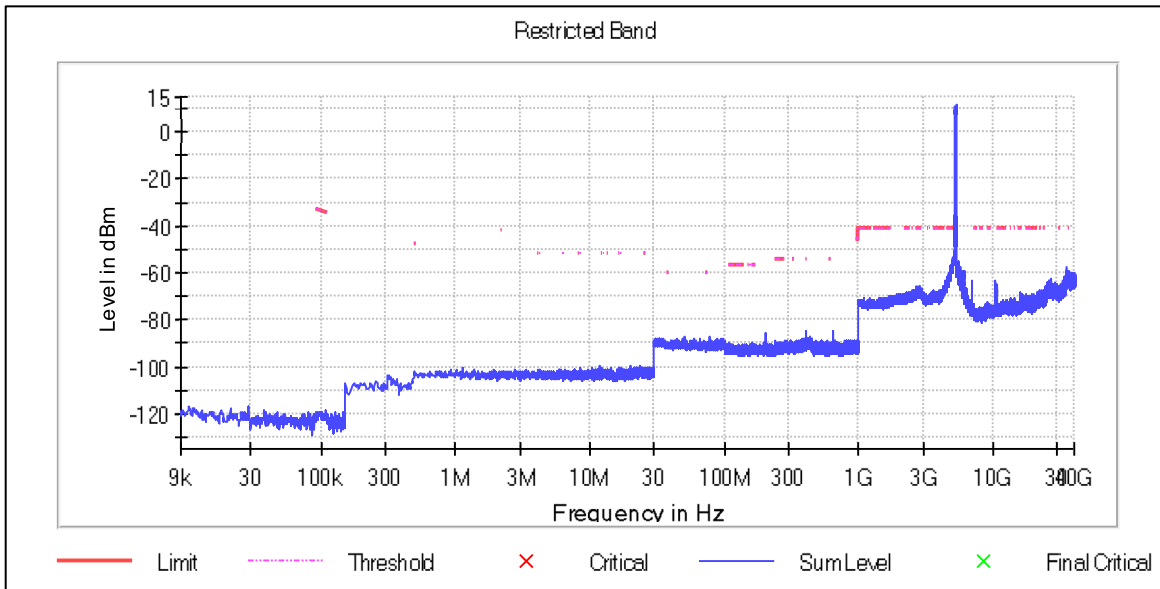
Emissions in restricted frequency bands, conducted: U-NII-1, 802.11n, ch44, 20 MHz, MCS1



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

Frequency (MHz)	Level (dBm)	Margin (dB)	Limit (dBm)
5350.000000	-46.5	5.3	-41.2
5150.000000	-46.8	5.6	-41.2
5126.497168	-50.1	8.9	-41.2
5128.497409	-50.6	9.4	-41.2
5120.496445	-50.7	9.5	-41.2
5121.496566	-50.8	9.6	-41.2
5130.497650	-50.9	9.7	-41.2
5149.499940	-51.0	9.8	-41.2
5148.499819	-51.1	9.9	-41.2
5144.999398	-51.2	10.0	-41.2
5119.996385	-51.3	10.1	-41.2
5147.999759	-51.4	10.2	-41.2
5140.498855	-51.5	10.3	-41.2
5108.494999	-51.6	10.4	-41.2
5119.496325	-51.7	10.5	-41.2

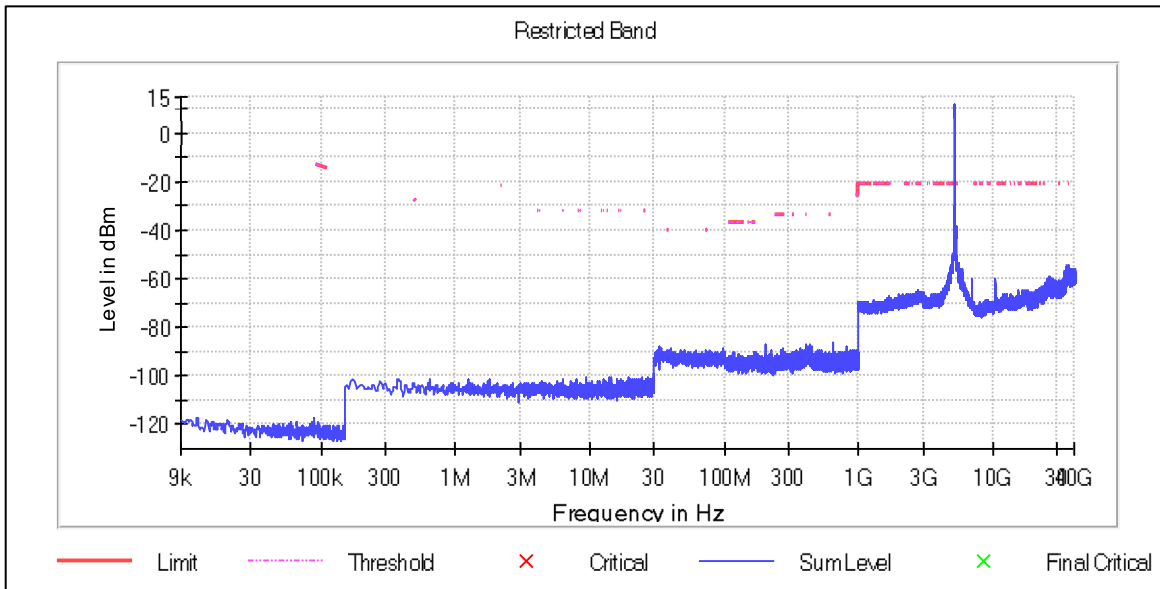
Emissions in restricted frequency bands, conducted: U-NII-1, 802.11n, ch48, 20 MHz, MCS1



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

Frequency (MHz)	Level (dBm)	Margin (dB)	Limit (dBm)
5147.999759	-29.5	8.3	-21.2
5148.999880	-31.5	10.3	-21.2
5147.499699	-32.2	11.0	-21.2
5149.499940	-33.4	12.2	-21.2
5150.000000	-34.1	12.9	-21.2
5138.998675	-34.8	13.6	-21.2
5142.999157	-35.6	14.4	-21.2
5148.499819	-36.0	14.8	-21.2
5145.499458	-36.2	15.0	-21.2
5142.499096	-36.3	15.1	-21.2
5145.999518	-36.3	15.1	-21.2
5146.999639	-36.6	15.4	-21.2
5146.499578	-36.8	15.6	-21.2
5144.499337	-36.9	15.7	-21.2
5144.999398	-37.3	16.1	-21.2

Emissions in restricted frequency bands, conducted: U-NII-1, 802.11n, ch38, 40 MHz, MCS0

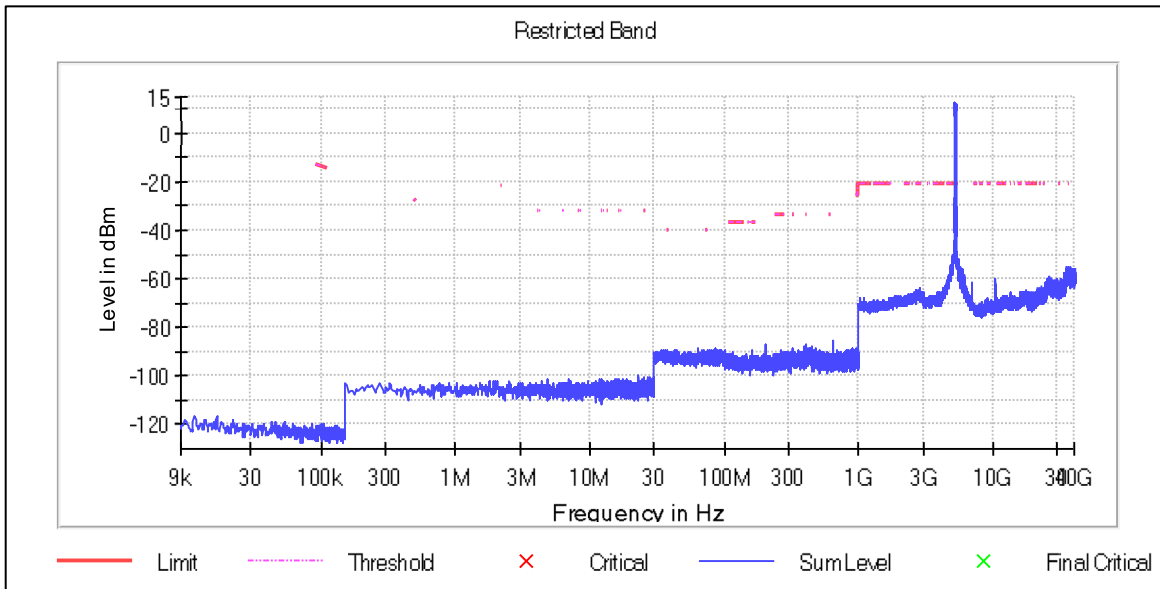




Pre Measurements, U-NII-1, 802.11n, ch46, 40 MHz, MCS0

Frequency (MHz)	Level (dBm)	Margin (dB)	Limit (dBm)
5150.000000	-39.4	18.2	-21.2
5350.000000	-41.5	20.3	-21.2
5148.999880	-43.7	22.5	-21.2
5147.999759	-45.1	23.9	-21.2
5148.499819	-45.2	24.0	-21.2
5143.499217	-45.3	24.1	-21.2
5138.498614	-45.3	24.1	-21.2
5142.499096	-45.5	24.3	-21.2
5137.998554	-45.5	24.3	-21.2
5142.999157	-45.8	24.6	-21.2
5145.999518	-45.8	24.6	-21.2
5139.498735	-45.8	24.6	-21.2
5135.498253	-45.8	24.6	-21.2
5146.499578	-45.9	24.7	-21.2
5144.499337	-45.9	24.7	-21.2

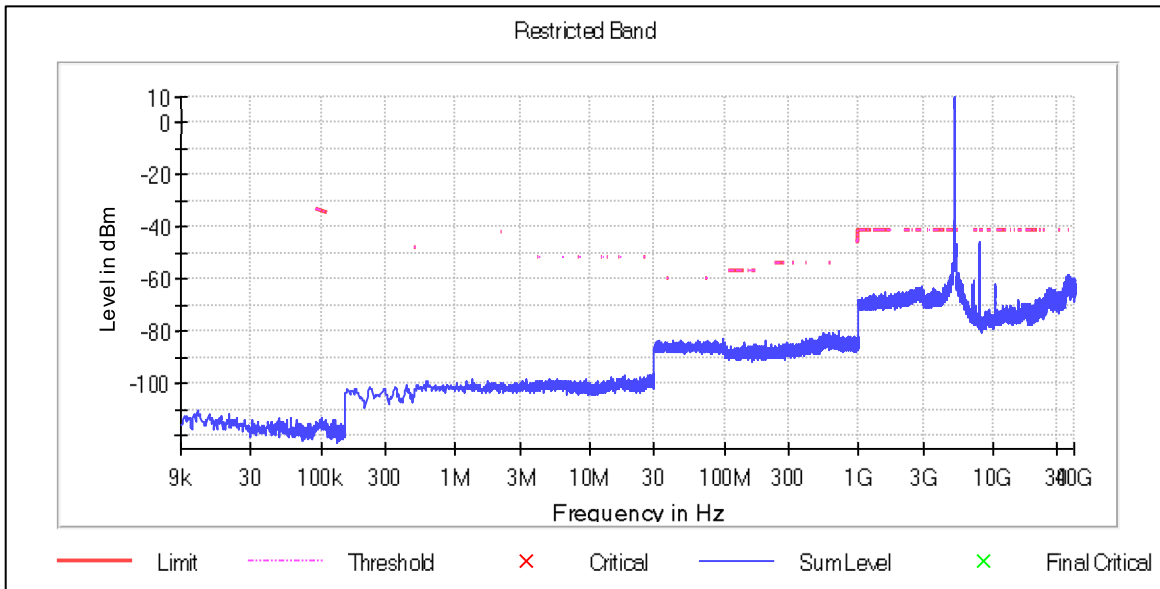
Emissions in restricted frequency bands, conducted: U-NII-1, 802.11n, ch46, 40 MHz, MCS0



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

Frequency (MHz)	Level (dBm)	Margin (dB)	Limit (dBm)
5149.499940	-45.0	3.8	-41.2
5150.000000	-46.2	5.0	-41.2
5143.999277	-46.3	5.1	-41.2
5148.999880	-46.5	5.3	-41.2
5147.999759	-46.6	5.4	-41.2
5143.499217	-46.7	5.5	-41.2
5148.499819	-46.9	5.7	-41.2
5144.499337	-46.9	5.7	-41.2
5146.499578	-47.0	5.8	-41.2
5146.999639	-47.4	6.2	-41.2
5133.998072	-48.0	6.8	-41.2
5350.000000	-48.1	6.9	-41.2
5142.499096	-48.1	6.9	-41.2
5139.998795	-48.3	7.1	-41.2
5145.999518	-48.3	7.1	-41.2

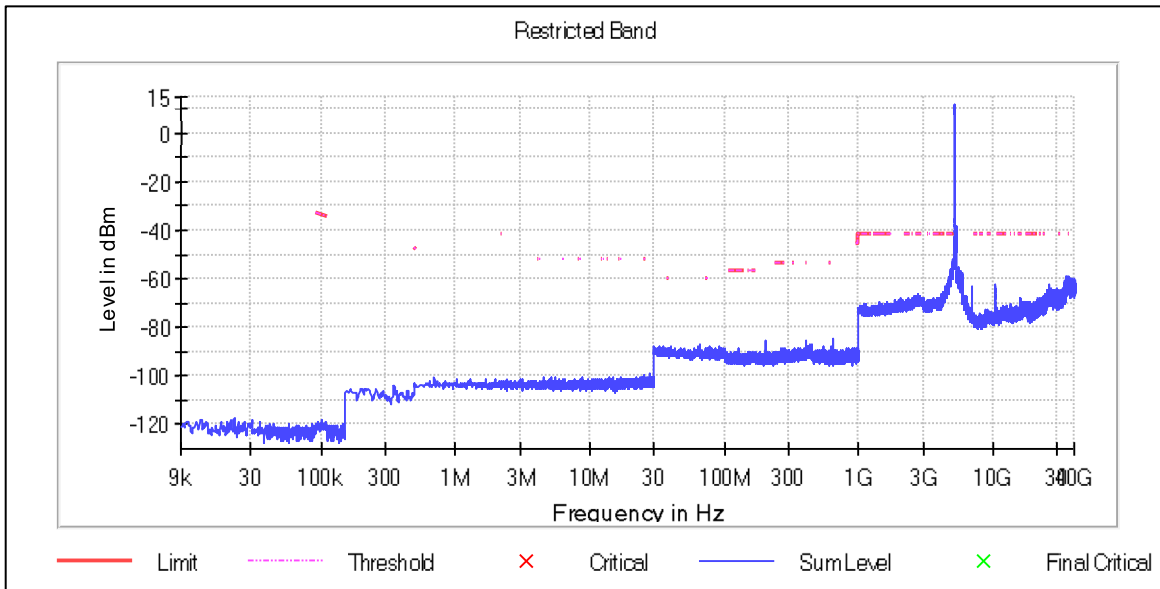
Emissions in restricted frequency bands, conducted: U-NII-1, 802.11ac, ch36, 20 MHz, MCS2



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

Frequency (MHz)	Level (dBm)	Margin (dB)	Limit (dBm)
5150.000000	-47.4	6.2	-41.2
5350.000000	-47.7	6.5	-41.2
5140.498855	-47.8	6.6	-41.2
5137.998554	-48.3	7.1	-41.2
5144.499337	-48.5	7.3	-41.2
5148.499819	-48.5	7.3	-41.2
5135.498253	-48.7	7.5	-41.2
5147.499699	-48.9	7.7	-41.2
5146.999639	-49.1	7.9	-41.2
5139.498735	-49.1	7.9	-41.2
5133.498012	-49.2	8.0	-41.2
5140.998916	-49.3	8.1	-41.2
5133.998072	-49.4	8.2	-41.2
5139.998795	-49.5	8.3	-41.2
5148.999880	-49.5	8.3	-41.2

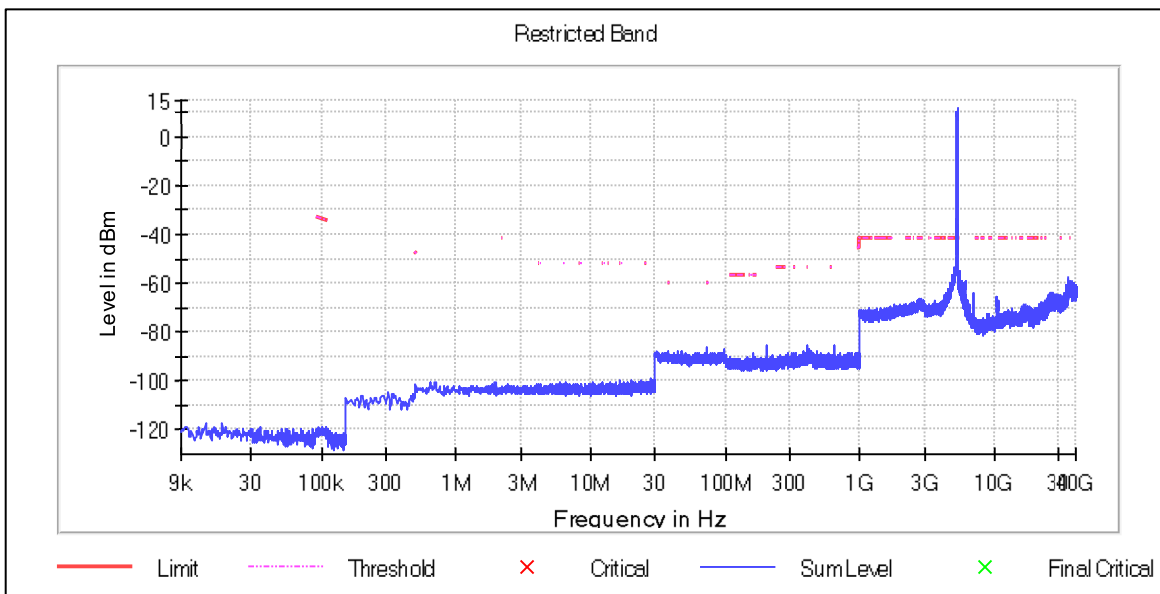
Emissions in restricted frequency bands, conducted: U-NII-1, 802.11ac, ch44, 20 MHz, MCS2



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

Frequency (MHz)	Level (dBm)	Margin (dB)	Limit (dBm)
5350.000000	-46.3	5.1	-41.2
5150.000000	-48.0	6.8	-41.2
5137.998554	-49.8	8.6	-41.2
5120.496445	-51.0	9.8	-41.2
5146.499578	-51.0	9.8	-41.2
5121.496566	-51.4	10.2	-41.2
5135.998313	-51.5	10.3	-41.2
5128.497409	-51.5	10.3	-41.2
5144.999398	-51.6	10.4	-41.2
5145.999518	-51.6	10.4	-41.2
5142.499096	-51.7	10.5	-41.2
5128.997470	-51.7	10.5	-41.2
5129.497530	-51.7	10.5	-41.2
5132.997952	-51.9	10.7	-41.2
5138.498614	-52.0	10.8	-41.2

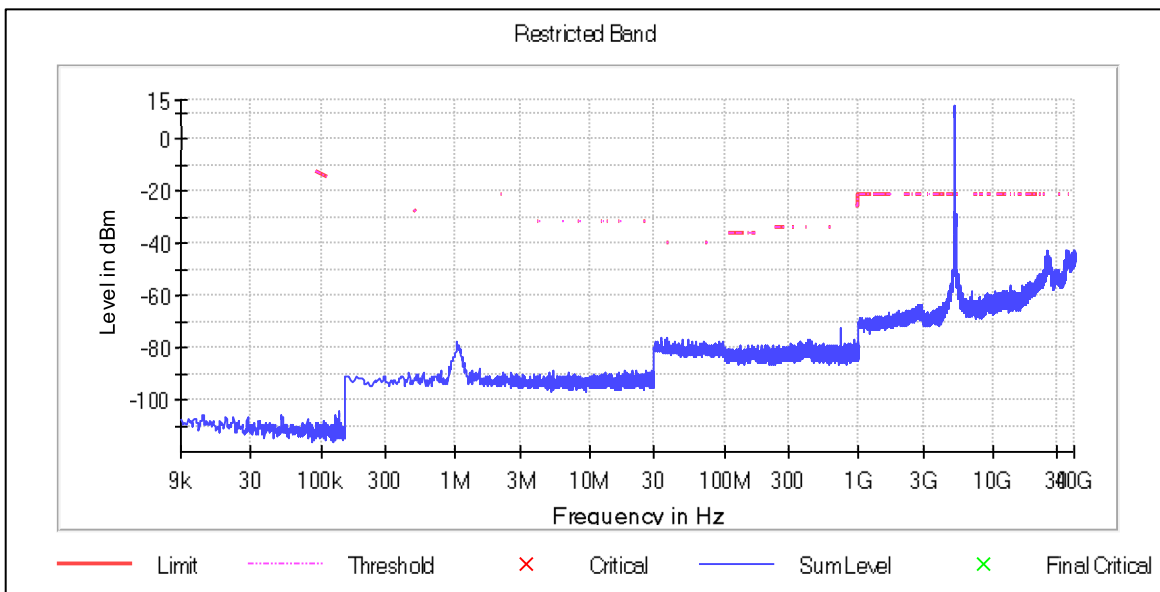
Emissions in restricted frequency bands, conducted: U-NII-1, 802.11ac, ch48, 20 MHz, MCS2



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

Frequency (MHz)	Level (dBm)	Margin (dB)	Limit (dBm)
5150.000000	-31.0	9.8	-21.2
5143.999277	-31.3	10.1	-21.2
5147.499699	-31.9	10.7	-21.2
5147.999759	-32.6	11.4	-21.2
5149.499940	-33.0	11.8	-21.2
5144.999398	-33.1	11.9	-21.2
5350.000000	-33.3	12.1	-21.2
5145.499458	-33.3	12.1	-21.2
5144.499337	-34.0	12.8	-21.2
5146.999639	-34.0	12.8	-21.2
5146.499578	-34.3	13.1	-21.2
5148.499819	-34.8	13.6	-21.2
5148.999880	-35.2	14.0	-21.2
5142.999157	-35.3	14.1	-21.2
5142.499096	-36.2	15.0	-21.2

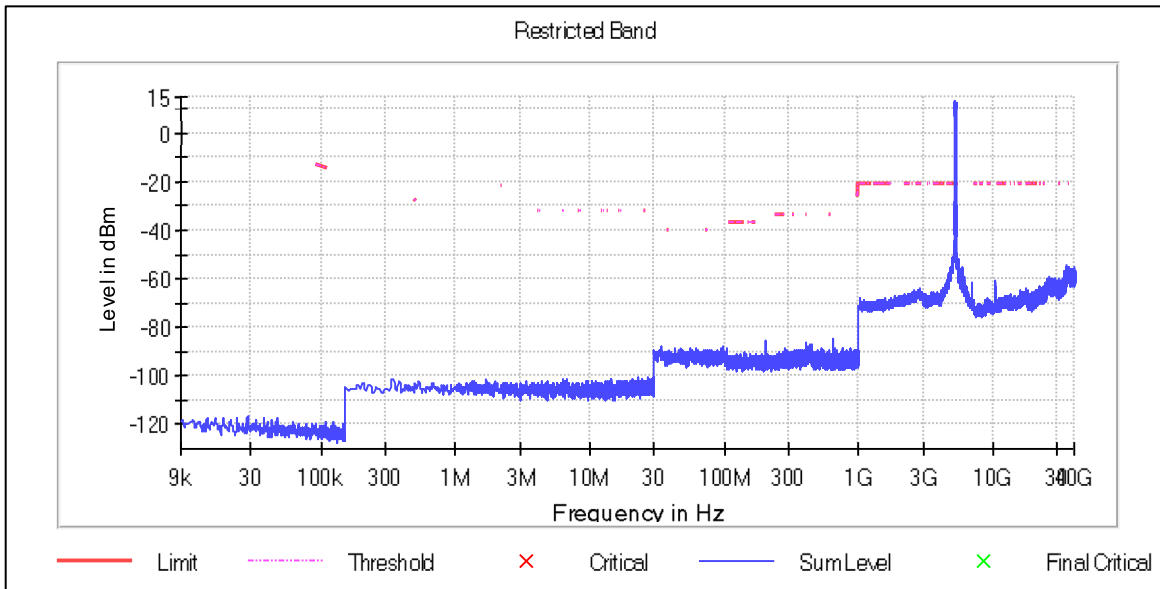
Emissions in restricted frequency bands, conducted: U-NII-1, 802.11ac, ch38, 40 MHz, MCS5



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

Frequency (MHz)	Level (dBm)	Margin (dB)	Limit (dBm)
5350.000000	-39.8	18.6	-21.2
5150.000000	-40.3	19.1	-21.2
5135.498253	-44.2	23.0	-21.2
5134.998193	-44.2	23.0	-21.2
5144.499337	-45.3	24.1	-21.2
5143.999277	-45.3	24.1	-21.2
5143.499217	-45.3	24.1	-21.2
5142.999157	-45.6	24.4	-21.2
5127.497289	-45.9	24.7	-21.2
5135.998313	-45.9	24.7	-21.2
5149.499940	-45.9	24.7	-21.2
5133.998072	-45.9	24.7	-21.2
5147.499699	-46.0	24.8	-21.2
5148.499819	-46.1	24.9	-21.2
5136.498373	-46.1	24.9	-21.2

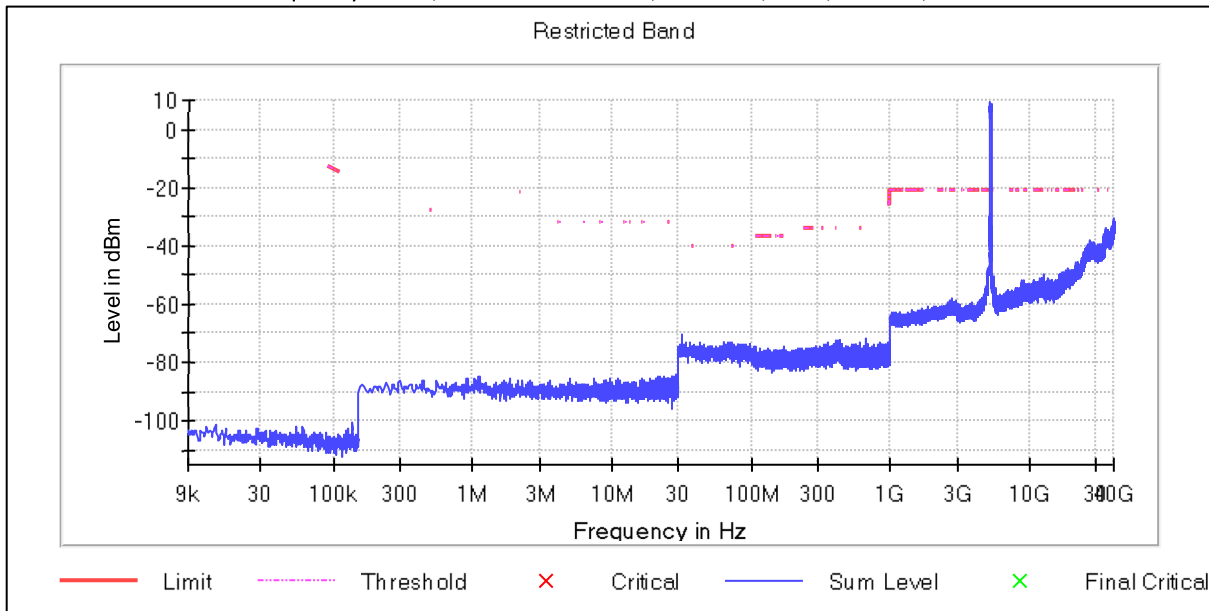
Emissions in restricted frequency bands, conducted: U-NII-1, 802.11ac, ch46, 40 MHz, MCS5



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

Frequency (MHz)	Level (dBm)	Margin (dB)	Limit (dBm)
5116.495963	-31.5	10.3	-21.2
5118.496204	-31.5	10.3	-21.2
5117.996144	-31.6	10.4	-21.2
5115.995903	-32.0	10.8	-21.2
5132.997952	-32.0	10.8	-21.2
5133.498012	-32.2	11.0	-21.2
5140.998916	-32.3	11.1	-21.2
5150.000000	-32.3	11.1	-21.2
5148.999880	-32.5	11.3	-21.2
5120.496445	-32.6	11.4	-21.2
5126.497168	-32.8	11.6	-21.2
5136.998434	-32.9	11.7	-21.2
5149.499940	-33.1	11.9	-21.2
5113.495602	-33.3	12.1	-21.2
5144.499337	-33.4	12.2	-21.2

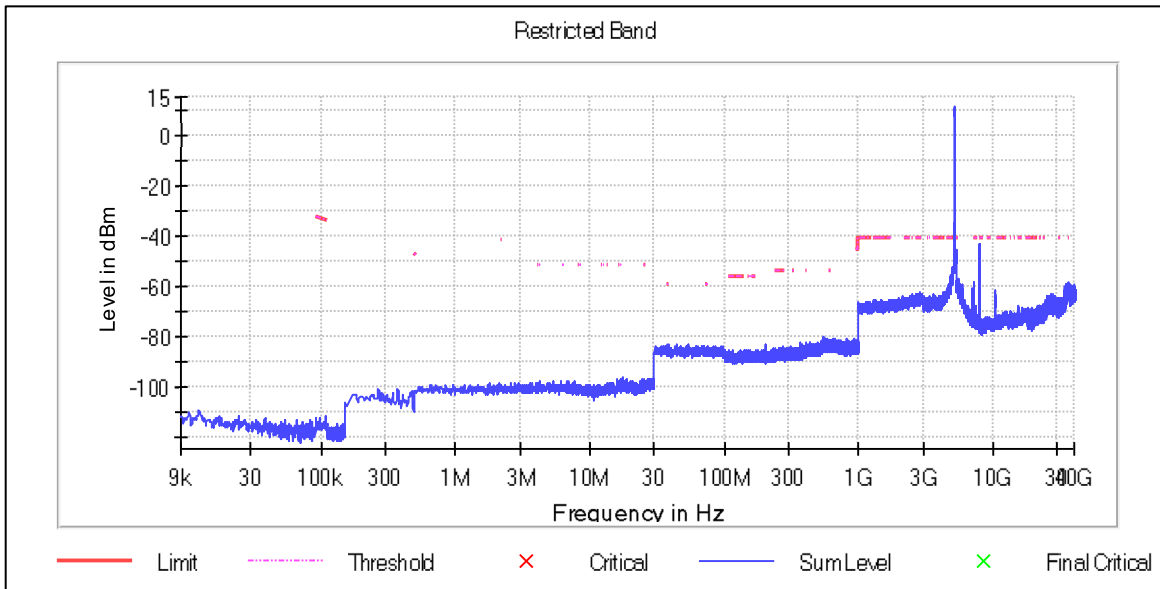
Emissions in restricted frequency bands, conducted: U-NII-1, 802.11ac, ch42, 80 MHz, MCS0



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

Frequency (MHz)	Level (dBm)	Margin (dB)	Limit (dBm)
5147.999759	-44.6	3.4	-41.2
5146.499578	-45.1	3.9	-41.2
5150.000000	-45.1	3.9	-41.2
5149.499940	-45.2	4.0	-41.2
5147.499699	-45.3	4.1	-41.2
5146.999639	-46.0	4.8	-41.2
5139.498735	-46.4	5.2	-41.2
5143.999277	-46.5	5.3	-41.2
5142.999157	-46.7	5.5	-41.2
5148.999880	-46.9	5.7	-41.2
5144.499337	-47.0	5.8	-41.2
5138.498614	-47.1	5.9	-41.2
5136.498373	-47.2	6.0	-41.2
5139.998795	-47.3	6.1	-41.2
5145.999518	-47.6	6.4	-41.2

Emissions in restricted frequency bands, conducted: U-NII-1, 802.11ax HE-SU, ch36, 20 MHz, MCS2

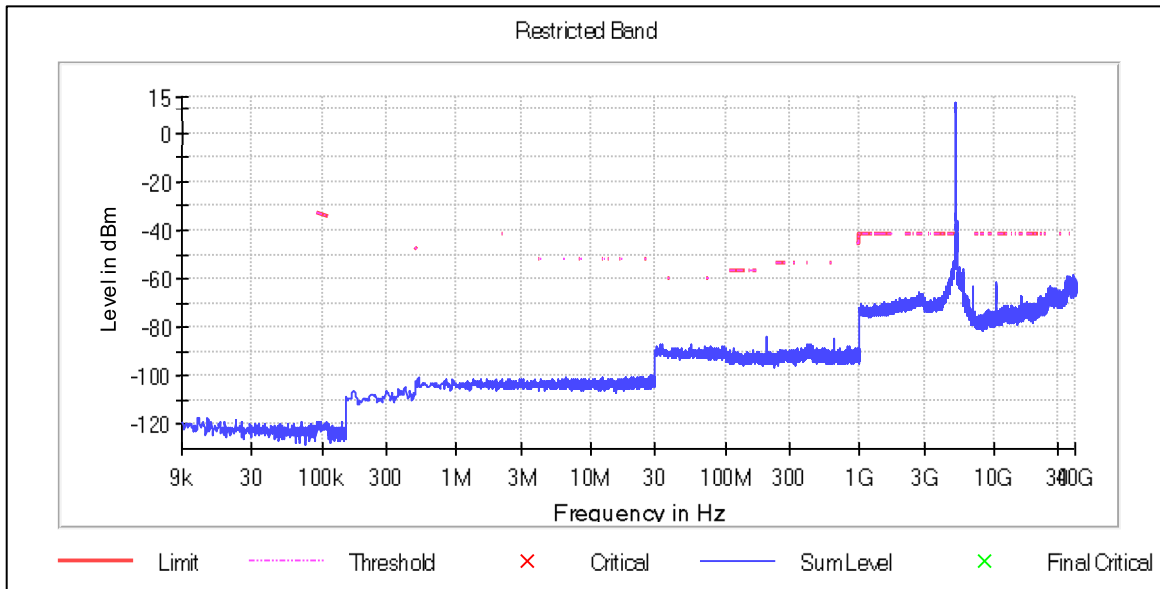




Pre Measurements, U-NII-1, 802.11ax HE-SU, ch44, 20 MHz, MCS2

Frequency (MHz)	Level (dBm)	Margin (dB)	Limit (dBm)
5150.000000	-46.2	5.0	-41.2
5350.000000	-47.4	6.2	-41.2
5146.999639	-47.7	6.5	-41.2
5142.499096	-47.8	6.6	-41.2
5141.999036	-48.3	7.1	-41.2
5141.498976	-48.7	7.5	-41.2
5134.998193	-48.7	7.5	-41.2
5148.999880	-48.7	7.5	-41.2
5136.998434	-48.8	7.6	-41.2
5138.498614	-49.0	7.8	-41.2
5132.997952	-49.1	7.9	-41.2
5144.499337	-49.1	7.9	-41.2
5146.499578	-49.1	7.9	-41.2
5137.498494	-49.2	8.0	-41.2
5143.499217	-49.3	8.1	-41.2

Emissions in restricted frequency bands, conducted: U-NII-1, 802.11ax HE-SU, ch44, 20 MHz, MCS2

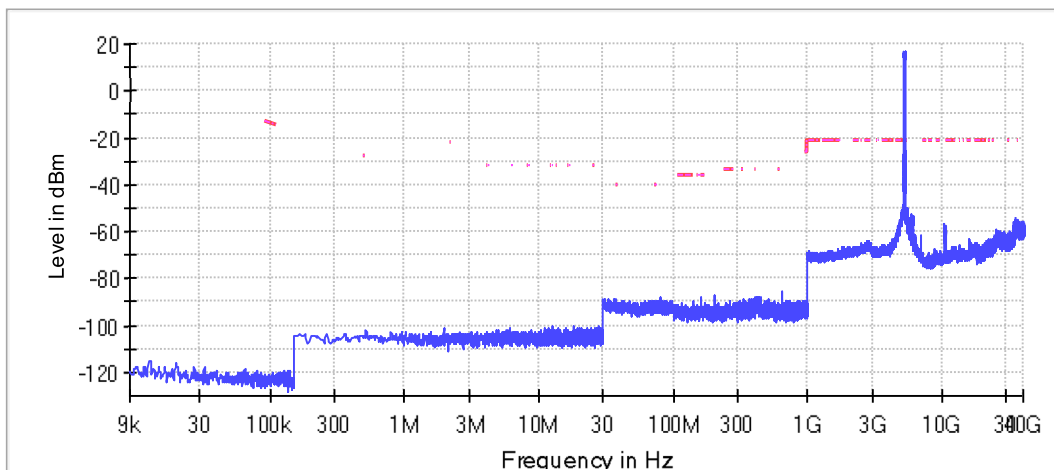


Pre Measurements, U-NII-1, 802.11ax HE-SU, ch48, 20 MHz, MCS2

Frequency (MHz)	Level (dBm)	Margin (dB)	Limit (dBm)
5150.000000	-41.7	20.5	-21.2
5350.000000	-41.7	20.5	-21.2
5147.499699	-48.1	26.9	-21.2
5120.496445	-48.3	27.1	-21.2
5119.496325	-48.3	27.1	-21.2
5123.996867	-48.4	27.2	-21.2
5149.499940	-48.5	27.3	-21.2
5130.997711	-48.6	27.4	-21.2
5134.998193	-48.8	27.6	-21.2
5133.998072	-49.0	27.8	-21.2
5119.996385	-49.0	27.8	-21.2
5136.998434	-49.3	28.1	-21.2
5101.994216	-49.3	28.1	-21.2
5144.999398	-49.3	28.1	-21.2
5121.496566	-49.4	28.2	-21.2

Emissions in restricted frequency bands, conducted: U-NII-1, 802.11ax HE-SU, ch48, 20 MHz, MCS2

Restricted Band

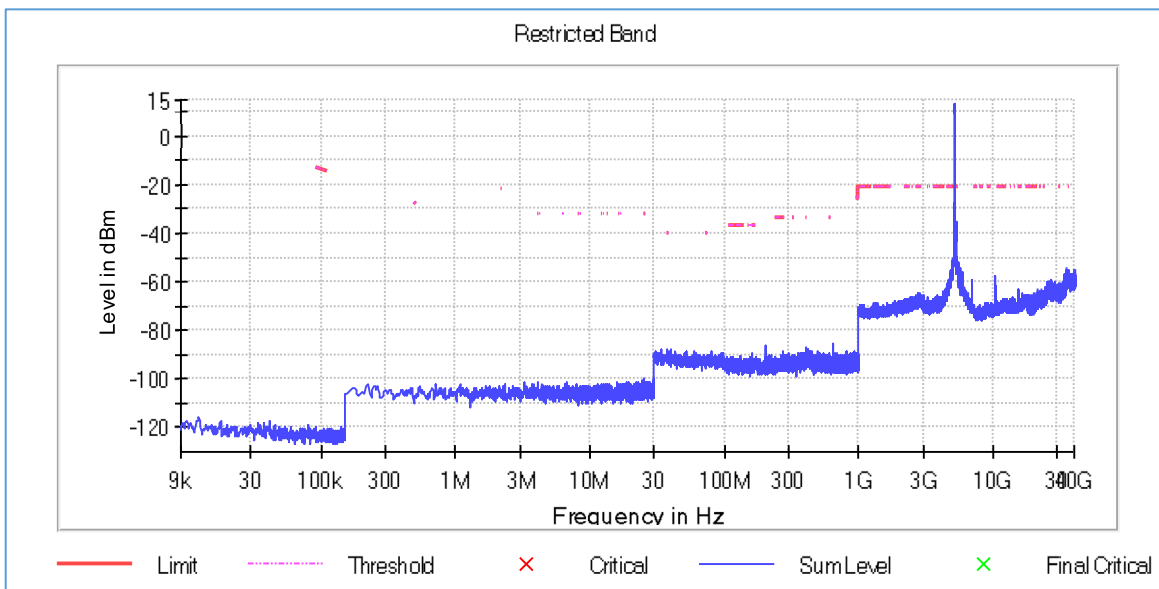


— Limit    
 - - - Threshold    
 × Critical    
 — SumLevel    
 × Final Critical

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

Frequency (MHz)	Level (dBm)	Margin (dB)	Limit (dBm)
5145.999518	-29.4	8.2	-21.2
5148.999880	-29.7	8.5	-21.2
5147.999759	-30.2	9.0	-21.2
5150.000000	-30.5	9.3	-21.2
5145.499458	-31.3	10.1	-21.2
5148.499819	-31.4	10.2	-21.2
5149.499940	-31.6	10.4	-21.2
5146.499578	-32.0	10.8	-21.2
5144.999398	-33.0	11.8	-21.2
5147.499699	-33.2	12.0	-21.2
5144.499337	-33.	12.4	-21.2
5146.999639	-34.5	13.3	-21.2
5143.999277	-35.0	13.8	-21.2
5143.499217	-36.3	15.1	-21.2
5141.498976	-36.6	15.4	-21.2

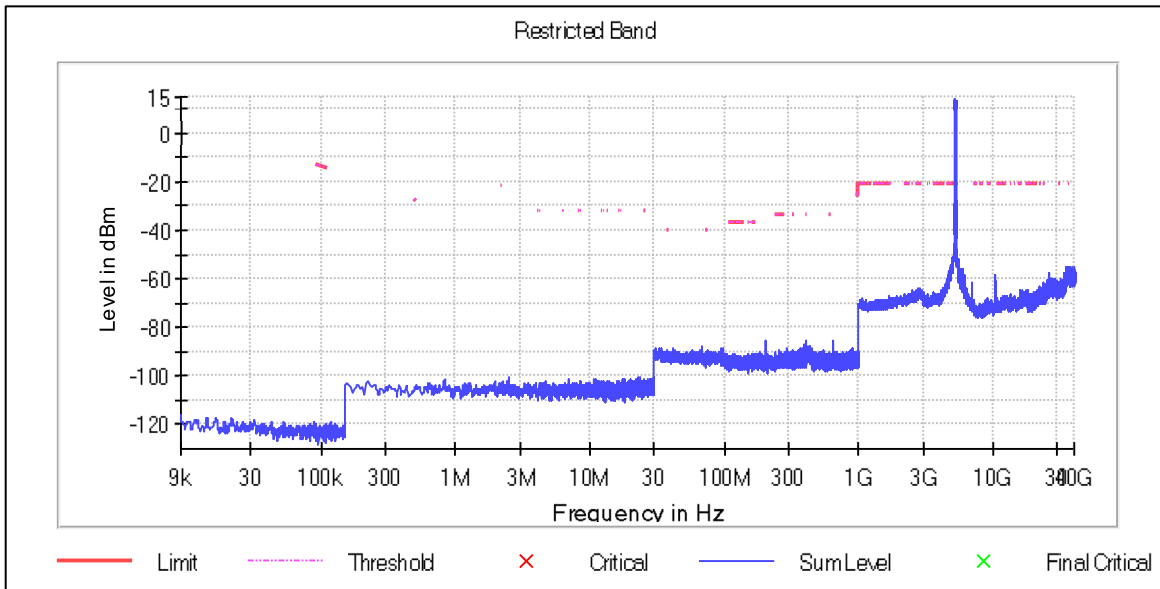
Emissions in restricted frequency bands, conducted: U-NII-1, 802.11ax HE-SU, ch38, 40 MHz, MCS1



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

Frequency (MHz)	Level (dBm)	Margin (dB)	Limit (dBm)
5150.000000	-40.0	18.8	-21.2
5350.000000	-41.9	20.7	-21.2
5149.499940	-45.0	23.8	-21.2
5145.999518	-45.6	24.4	-21.2
5145.499458	-45.6	24.4	-21.2
5142.999157	-45.6	24.4	-21.2
5138.498614	-45.8	24.6	-21.2
5141.498976	-45.8	24.6	-21.2
5135.998313	-45.8	24.6	-21.2
5143.999277	-45.8	24.6	-21.2
5142.499096	-45.9	24.7	-21.2
5141.999036	-45.9	24.7	-21.2
5135.498253	-45.9	24.7	-21.2
5137.998554	-45.9	24.7	-21.2
5146.499578	-46.0	24.8	-21.2

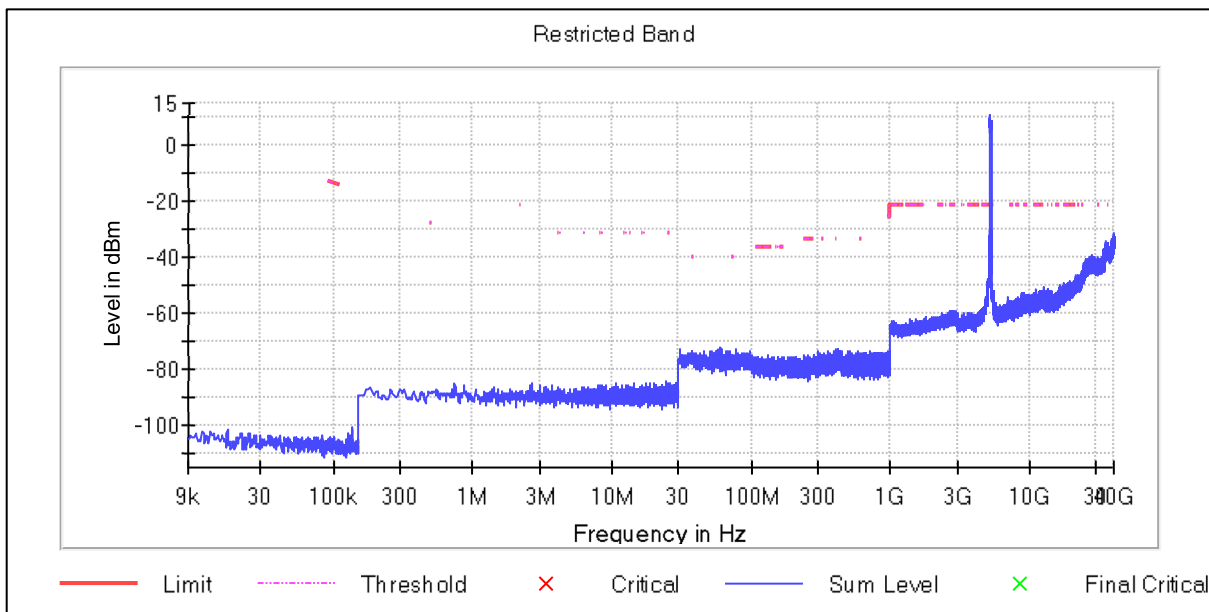
Emissions in restricted frequency bands, conducted: U-NII-1, 802.11ax HE-SU, ch46, 40 MHz, MCS1



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

Frequency (MHz)	Level (dBm)	Margin (dB)	Limit (dBm)
5146.999639	-32.1	10.9	-21.2
5147.999759	-33.0	11.8	-21.2
5146.499578	-33.3	12.1	-21.2
5132.497891	-33.4	12.2	-21.2
5147.499699	-33.8	12.6	-21.2
5125.497048	-33.8	12.6	-21.2
5141.999036	-33.9	12.7	-21.2
5138.998675	-33.9	12.7	-21.2
5137.998554	-34.0	12.8	-21.2
5138.498614	-34.0	12.8	-21.2
5125.997108	-34.0	12.8	-21.2
5149.499940	-34.1	12.9	-21.2
5150.000000	-34.2	13.0	-21.2
5142.499096	-34.2	13.0	-21.2
5143.999277	-34.3	13.1	-21.2

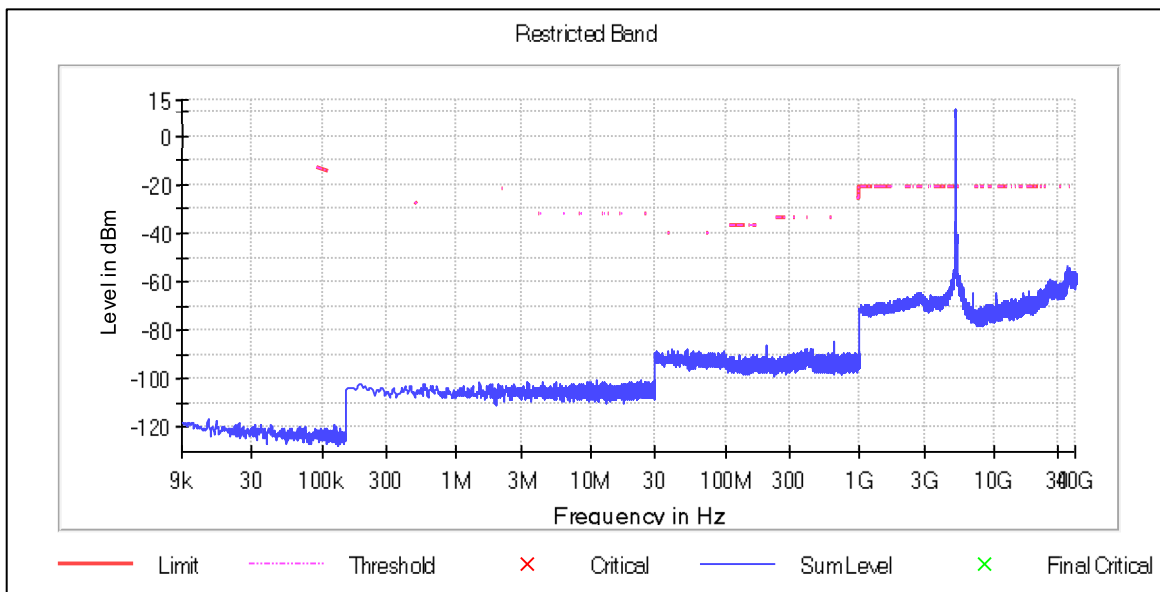
Emissions in restricted frequency bands, conducted: U-NII-1, 802.11ax HE-SU, ch42, 80 MHz, MCS0



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

Frequency (MHz)	Level (dBm)	Margin (dB)	Limit (dBm)
5150.000000	-40.1	18.9	-21.2
5350.000000	-43.1	21.9	-21.2
5140.498855	-43.7	22.5	-21.2
5139.998795	-47.2	26.0	-21.2
5146.999639	-48.4	27.2	-21.2
5142.999157	-48.7	27.5	-21.2
5140.998916	-48.9	27.7	-21.2
5149.499940	-49.3	28.1	-21.2
5147.999759	-49.8	28.6	-21.2
5144.499337	-50.1	28.9	-21.2
5145.499458	-50.1	28.9	-21.2
5146.499578	-50.3	29.1	-21.2
5130.497650	-50.5	29.3	-21.2
5148.499819	-50.7	29.5	-21.2
5139.498735	-50.8	29.6	-21.2

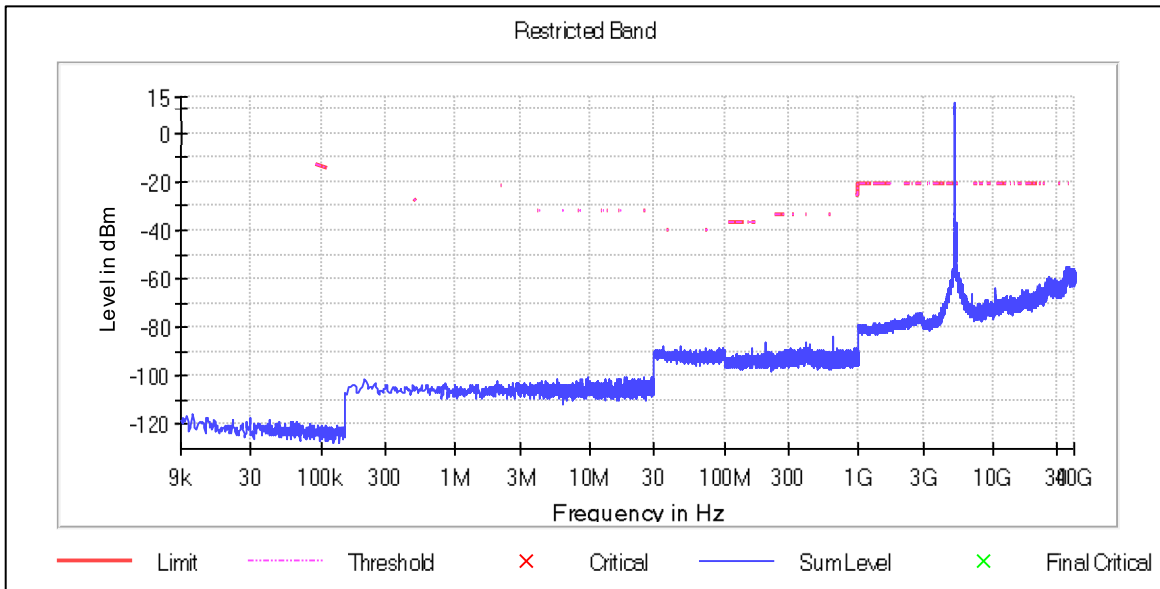
Emissions in restricted frequency bands, conducted: U-NII-1, 802.11ax HE-TB Full RU, ch36, 20 MHz, MCS0



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

Frequency (MHz)	Level (dBm)	Margin (dB)	Limit (dBm)
5150.000000	-49.0	27.8	-21.2
5147.499699	-51.0	29.8	-21.2
5350.000000	-51.1	29.9	-21.2
5136.998434	-51.2	30.0	-21.2
5147.999759	-52.8	31.6	-21.2
5146.999639	-52.8	31.6	-21.2
5144.499337	-53.1	31.9	-21.2
5149.499940	-53.2	32.0	-21.2
5144.999398	-53.3	32.1	-21.2
5146.499578	-53.3	32.1	-21.2
5145.499458	-53.5	32.3	-21.2
5131.997831	-53.7	32.5	-21.2
5133.498012	-53.8	32.6	-21.2
5148.499819	-53.9	32.7	-21.2
5145.999518	-54.2	33.0	-21.2

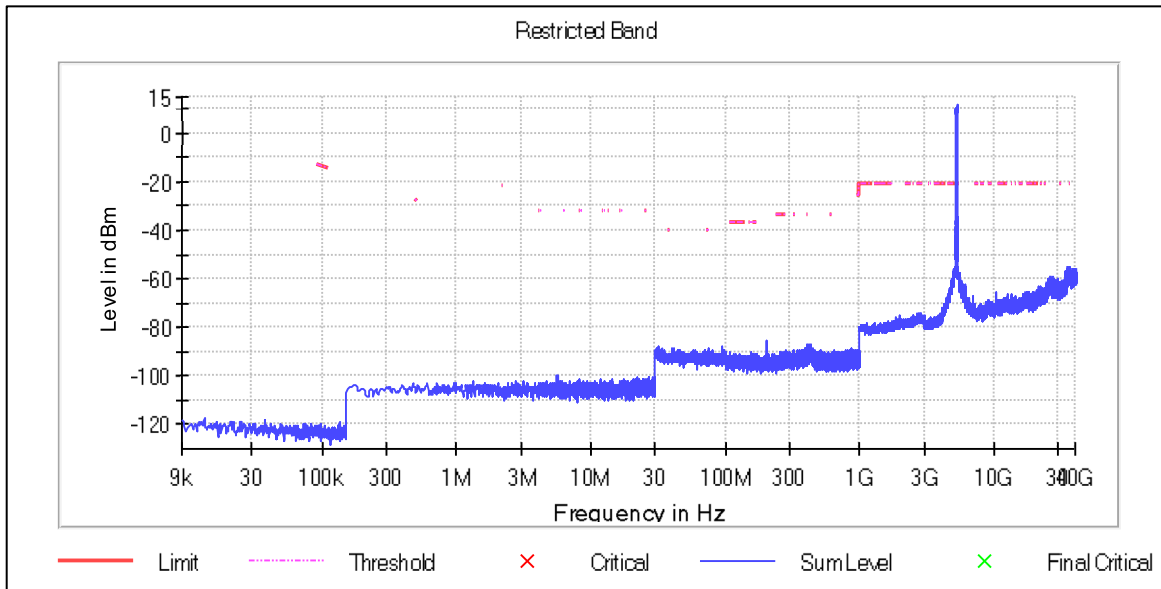
Emissions in restricted frequency bands, conducted: U-NII-1, 802.11ax HE-TB Full RU, ch44, 20 MHz, MCS0



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

Frequency (MHz)	Level (dBm)	Margin (dB)	Limit (dBm)
5350.000000	-51.0	29.8	-21.2
5150.000000	-51.1	29.9	-21.2
5149.499940	-54.3	33.1	-21.2
5358.535565	-54.8	33.6	-21.2
5145.999518	-54.8	33.6	-21.2
5132.497891	-54.8	33.6	-21.2
5143.499217	-55.0	33.8	-21.2
5134.998193	-55.1	33.9	-21.2
5148.499819	-55.1	33.9	-21.2
5137.998554	-55.2	34.0	-21.2
5142.499096	-55.2	34.0	-21.2
5133.998072	-55.2	34.0	-21.2
5120.496445	-55.2	34.0	-21.2
5138.998675	-55.3	34.1	-21.2
5126.997229	-55.3	34.1	-21.2

Emissions in restricted frequency bands, conducted: U-NII-1, 802.11ax HE-TB Full RU, ch48, 20 MHz, MCS0

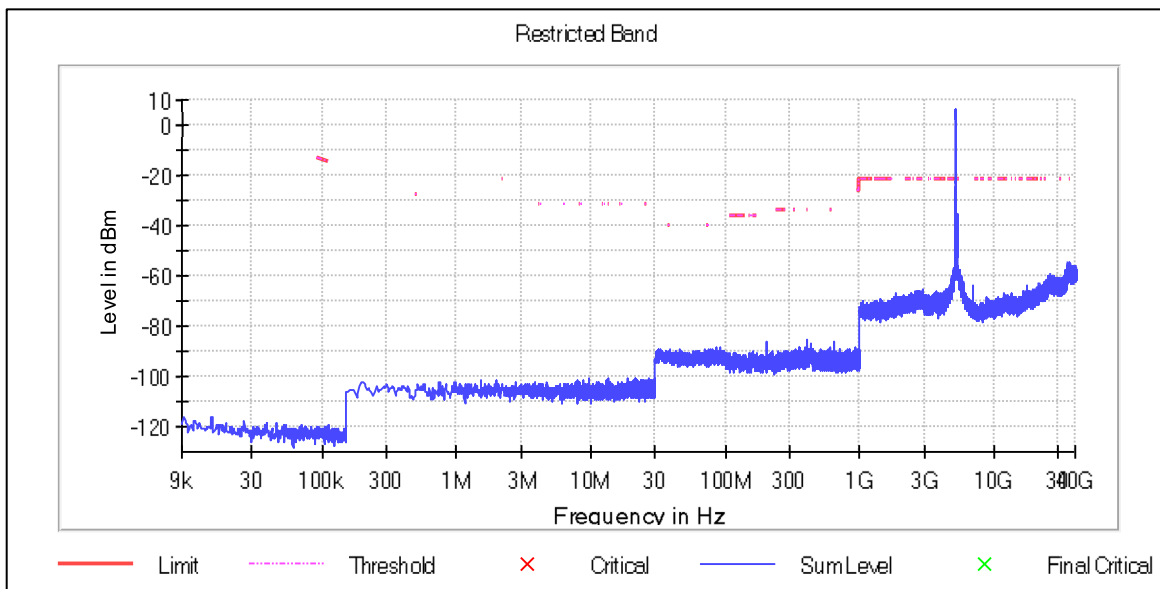




Pre Measurements, U-NII-1, 802.11ax HE-TB Full RU, ch38, 40 MHz, MCS0

Frequency (MHz)	Level (dBm)	Margin (dB)	Limit (dBm)
5150.000000	-32.1	10.9	-21.2
5143.999277	-32.9	11.7	-21.2
5148.499819	-33.8	12.6	-21.2
5144.999398	-34.1	12.9	-21.2
5143.499217	-34.8	13.6	-21.2
5149.499940	-36.9	15.7	-21.2
5142.999157	-37.0	15.8	-21.2
5139.498735	-37.4	16.2	-21.2
5141.999036	-37.4	16.2	-21.2
5138.998675	-39.5	18.3	-21.2
5147.499699	-39.6	18.4	-21.2
5147.999759	-39.7	18.5	-21.2
5139.998795	-39.9	18.7	-21.2
5146.499578	-40.7	19.5	-21.2
5145.499458	-40.8	19.6	-21.2

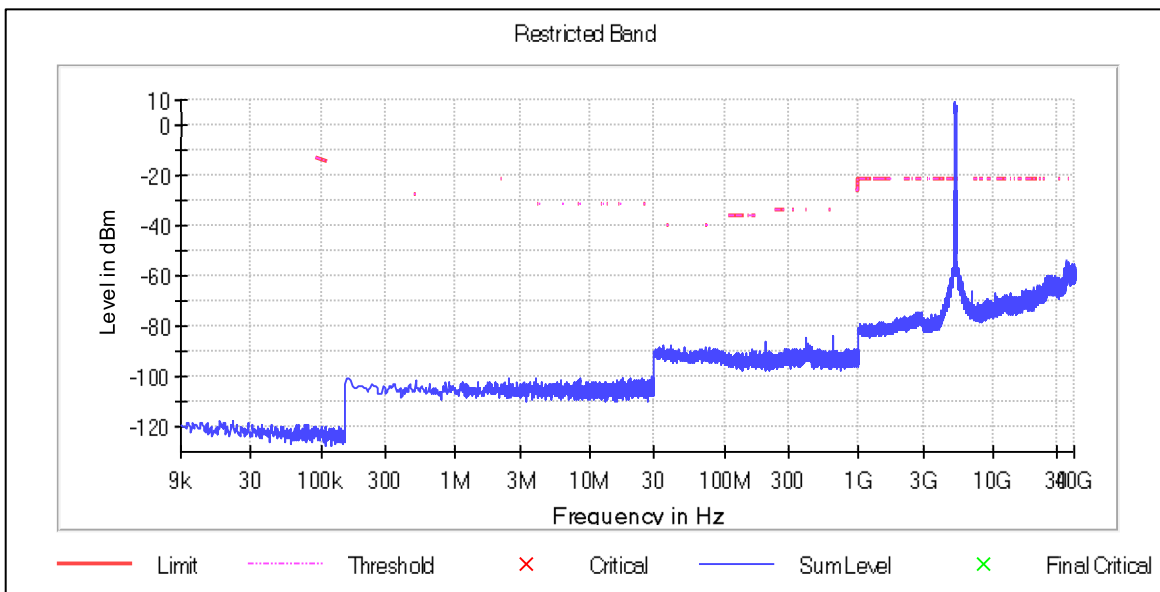
Emissions in restricted frequency bands, conducted: U-NII-1, 802.11ax HE-TB Full RU, ch38, 40 MHz, MCS0



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

Frequency (MHz)	Level (dBm)	Margin (dB)	Limit (dBm)
5150.000000	-44.6	23.4	-21.2
5148.999880	-49.2	28.0	-21.2
5147.999759	-50.8	29.6	-21.2
5350.000000	-50.9	29.7	-21.2
5139.498735	-51.2	30.0	-21.2
5148.499819	-51.5	30.3	-21.2
5149.499940	-51.9	30.7	-21.2
5120.996506	-52.0	30.8	-21.2
5140.998916	-52.2	31.0	-21.2
5122.496686	-52.2	31.0	-21.2
5129.997590	-52.4	31.2	-21.2
5136.498373	-52.5	31.3	-21.2
5141.498976	-52.5	31.3	-21.2
5145.999518	-52.5	31.3	-21.2
5143.999277	-52.5	31.3	-21.2

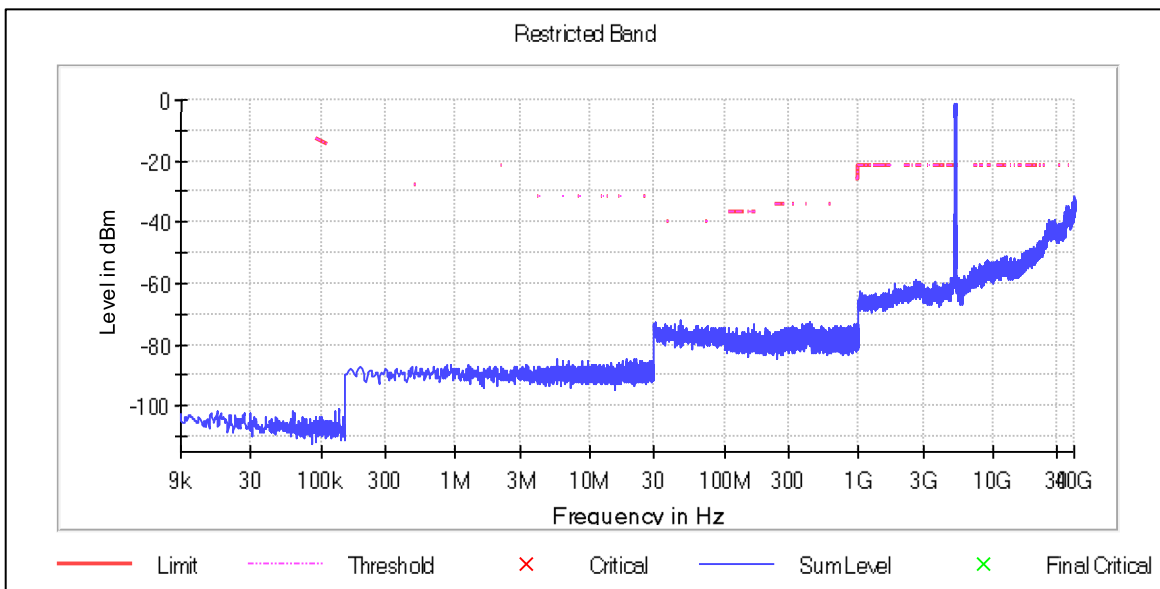
Emissions in restricted frequency bands, conducted: U-NII-1, 802.11ax HE-TB Full RU, ch46, 40 MHz, MCS0



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

Frequency (MHz)	Level (dBm)	Margin (dB)	Limit (dBm)
36470.373942	-35.4	14.2	-21.2
36470.873960	-36.4	15.2	-21.2
36473.374049	-36.6	15.4	-21.2
36463.373692	-36.7	15.5	-21.2
36465.873781	-36.8	15.6	-21.2
36450.373228	-37.0	15.8	-21.2
36451.873281	-37.3	16.1	-21.2
36497.374906	-37.3	16.1	-21.2
36431.372549	-37.4	16.2	-21.2
36457.373478	-37.5	16.3	-21.2
36482.874388	-37.5	16.3	-21.2
36483.874424	-37.6	16.4	-21.2
36453.373335	-37.6	16.4	-21.2
36433.372620	-37.6	16.4	-21.2
36462.373656	-37.6	16.4	-21.2

Emissions in restricted frequency bands, conducted: U-NII-1, 802.11ax HE-TB Full RU, ch42, 80 MHz, MCS0



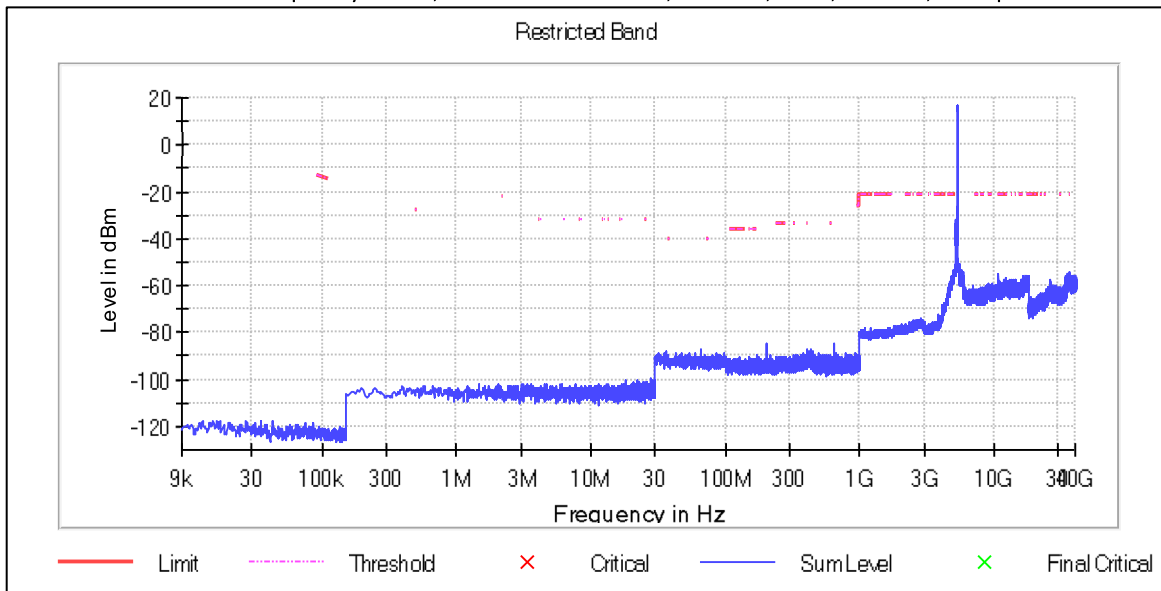
**Emissions in restricted frequency bands, U-NII-2A, Summary**

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)
5150.000000	-40.3	19.1	-21.2
5350.000000	-41.8	20.6	-21.2
5365.062762	-48.8	27.6	-21.2
5378.117155	-49.4	28.2	-21.2
5371.087866	-49.6	28.4	-21.2
5378.619247	-49.6	28.4	-21.2
5352.510460	-49.7	28.5	-21.2
5359.539749	-49.8	28.6	-21.2
5357.531381	-49.9	28.7	-21.2
5389.163180	-49.9	28.7	-21.2
5371.589958	-49.9	28.7	-21.2
5374.602510	-50.0	28.8	-21.2
5391.171548	-50.0	28.8	-21.2
5391.673640	-50.3	29.1	-21.2
5354.016736	-50.3	29.1	-21.2

Emissions in restricted frequency bands, 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)
5350.000000	-45.8	4.6	-41.2
5150.000000	-46.3	5.1	-41.2
5355.020921	-52.5	11.3	-41.2
5129.497530	-53.0	11.8	-41.2
5366.569038	-53.1	11.9	-41.2
5356.025105	-53.4	12.2	-41.2
5118.496204	-53.4	12.2	-41.2
5353.514644	-53.5	12.3	-41.2
5125.497048	-53.6	12.4	-41.2
5126.997229	-53.6	12.4	-41.2
5359.037657	-53.8	12.6	-41.2
5352.510460	-53.8	12.6	-41.2
5351.004184	-54.0	12.8	-41.2
5358.535565	-54.2	13.0	-41.2
5357.531381	-54.2	13.0	-41.2

Emissions in restricted frequency bands, conducted: U-NII-2A, 802.11a, ch56, 20 MHz, 6 Mbps

