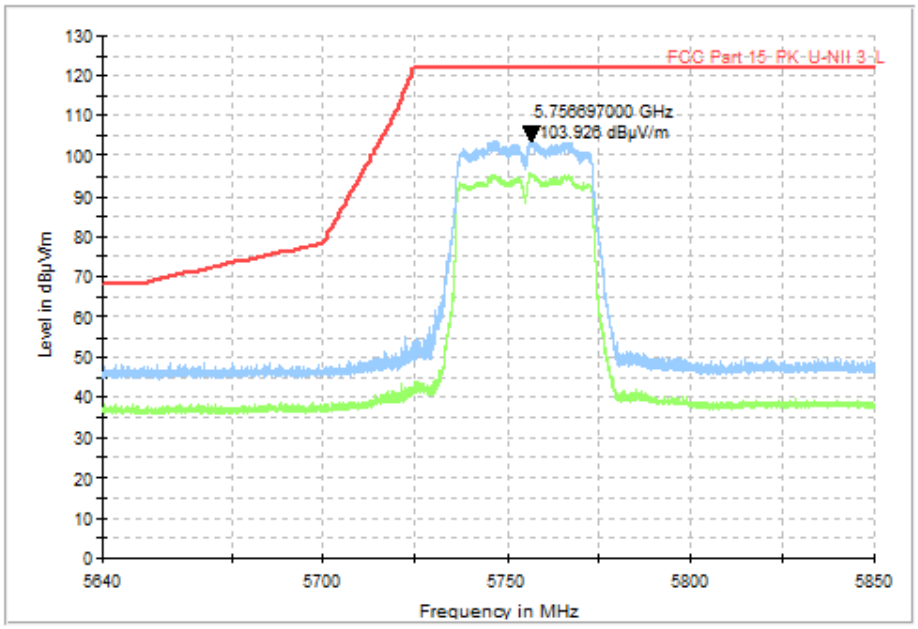

Fig. 29 Band Edges (802.11n-HT40, CH151 5755MHz)

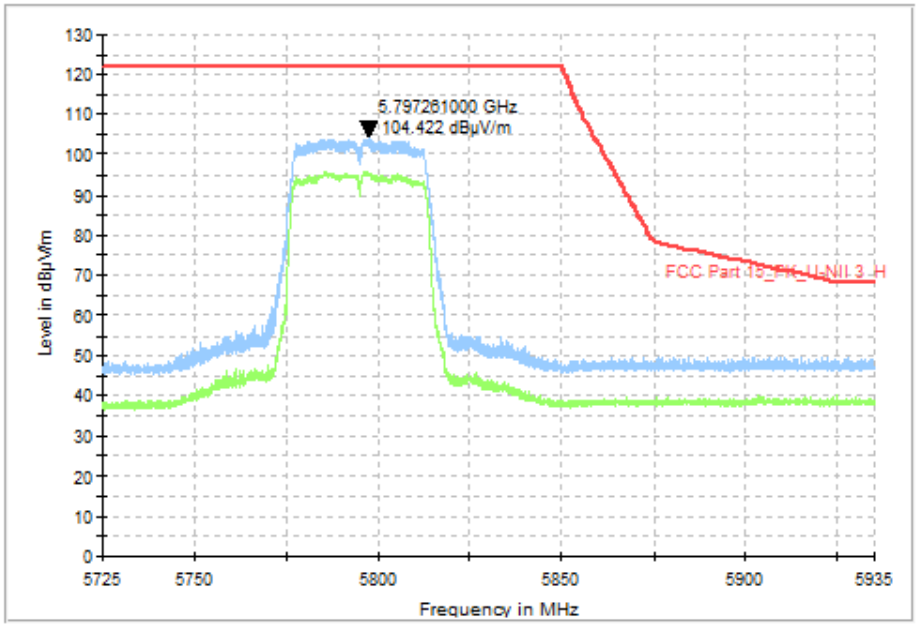

Fig. 30 Band Edges (802.11n-HT40, CH159 5795MHz)

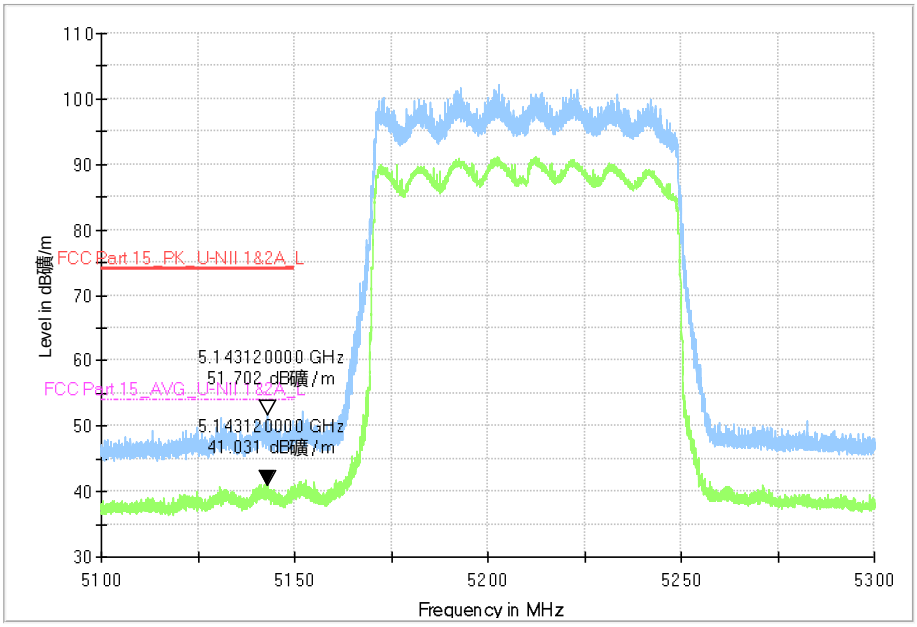

Fig. 31 Band Edges (802.11ax-HE80, CH42 5210MHz)

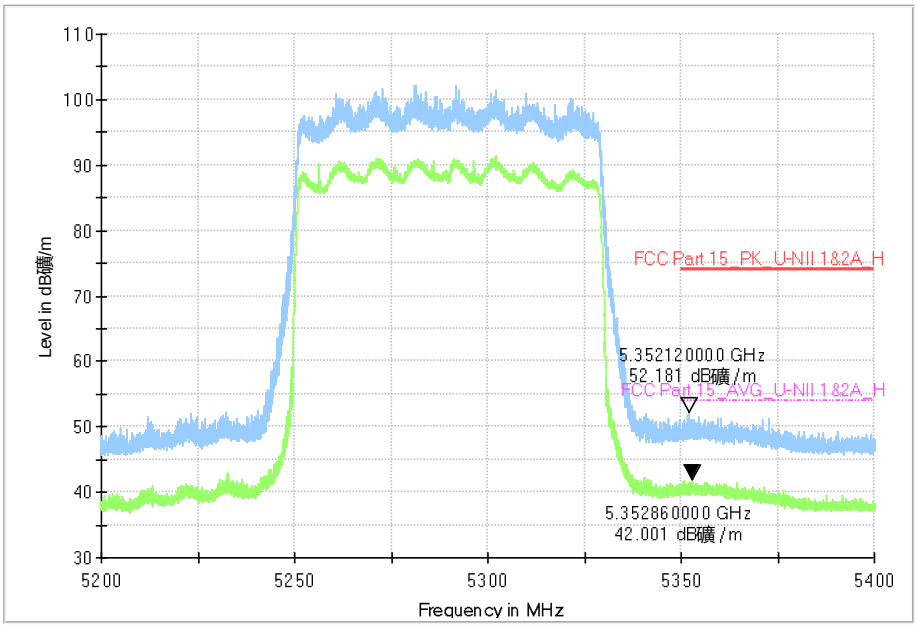

Fig. 32 Band Edges (802.11ax-HE80, CH58 5290MHz)

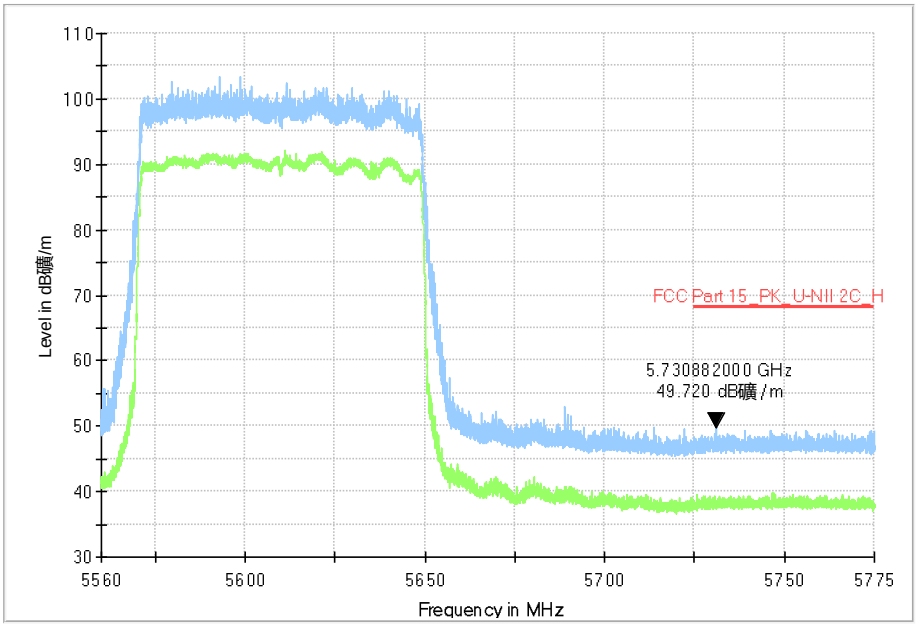

Fig. 33 Band Edges (802.11ax-HE80, CH122 5610MHz)

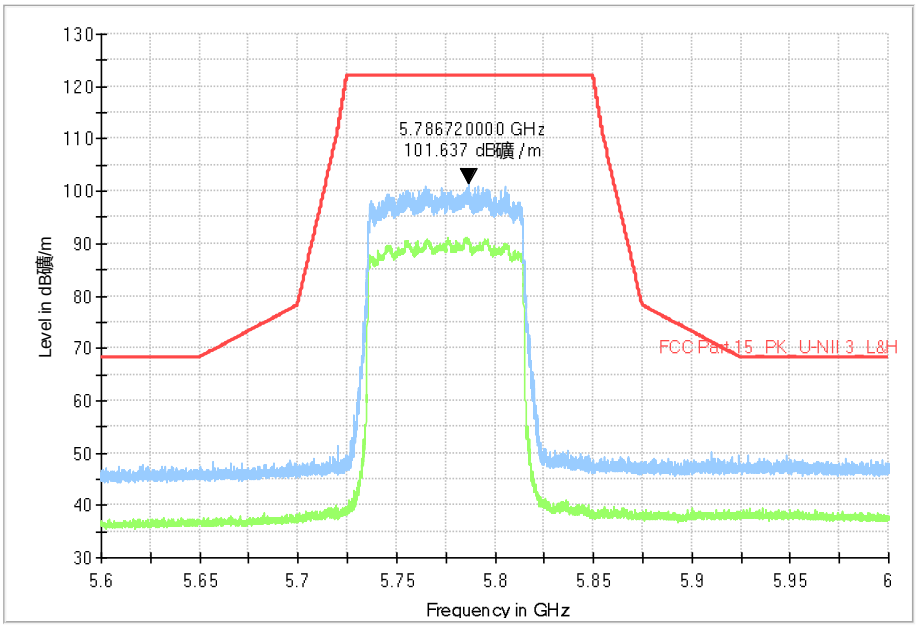

Fig. 34 Band Edges (802.11ax-HE80, CH155 5775MHz)

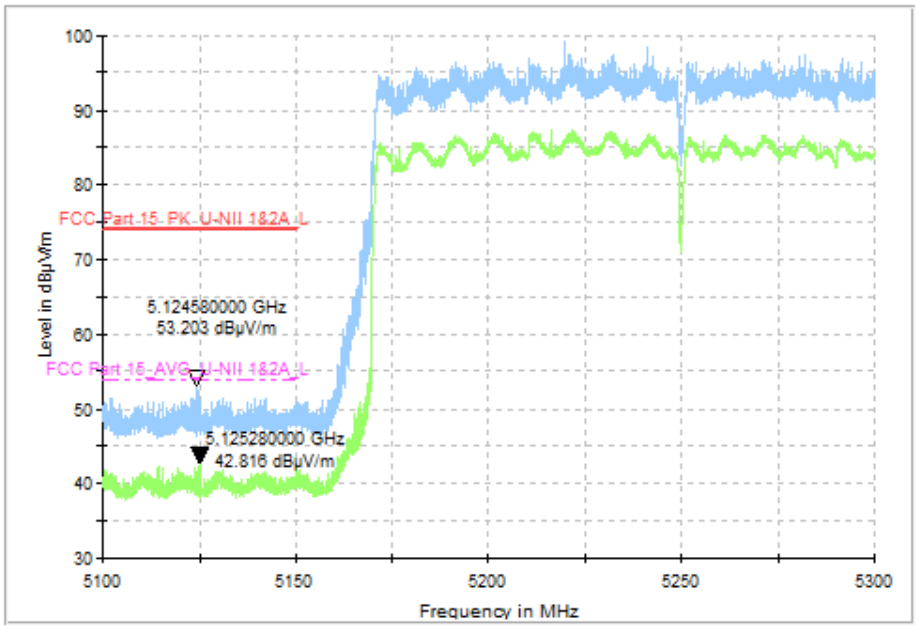

Fig. 35 Band Edges (802.11ax-HE160, CH50 5250MHz)

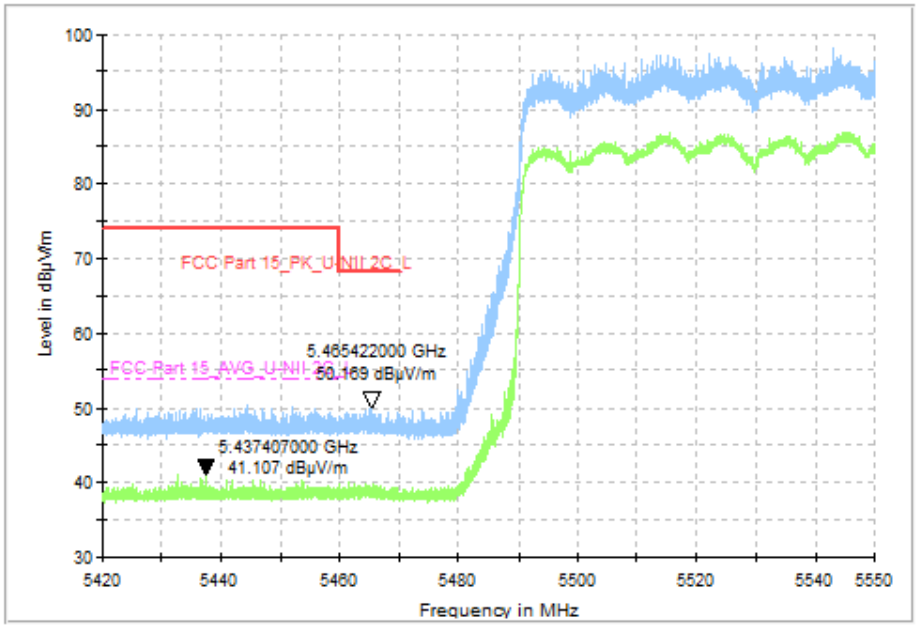

Fig. 36 Band Edges (802.11ax-HE160, CH114 5570MHz)

A.8. Transmitter Spurious Emission

Measurement of method: See KDB 789033 D02 v02r01, Section G.3, G.4, G.5 and G.6.

Measurement Limit:

Standard	Limit (dBm/MHz)
FCC 47 CFR Part 15.407, 15.205 & RSS-247 section 5.5/RSS-Gen section 6.13	< -27

In addition, radiated emissions which fall in the restricted bands, as defined in § 15.205(a), must also comply with the radiated emission limits specified in § 15.209(a) (see § 15.205(c)).

Limit in restricted band:

Frequency of emission (MHz)	Field strength (dBμV/m)	Measurement distance (m)
30-88	40.0	3
88-216	43.5	3
216-960	46.0	3
Above 960	54.0	3

Note: For frequency range below 960MHz, the limit in 15.209 is defined in 10m test distance. The limit used above is calculated from 10m to 3m.

The measurement results include the horizontal polarization and vertical polarization measurements. For radiated measurement, pre-scanned in three orthogonal panels, X, Y, Z. The worst cases (Y plane) were recorded in this report.

Measurement Result:

SISO:

Mode	Channel	Frequency Range	Test Results	Conclusion
802.11a	5180MHz (Ch36)	1 GHz ~ 18 GHz	Fig.1	**P**
	5200MHz (Ch40)	1 GHz ~ 18 GHz	Fig.2	**P**
	5240MHz (Ch48)	1 GHz ~ 18 GHz	Fig.3	**P**
	5260MHz (Ch52)	1 GHz ~ 18 GHz	Fig.4	**P**
	5280MHz (Ch56)	1 GHz ~ 18 GHz	Fig.5	**P**
	5320MHz (Ch64)	1 GHz ~ 18 GHz	Fig.6	**P**
	5500MHz (Ch100)	1 GHz ~ 18 GHz	Fig.7	**P**
	5600MHz(Ch120)	1 GHz ~ 18 GHz	Fig.8	**P**
	5700MHz (Ch140)	1 GHz ~ 18 GHz	Fig.9	**P**
	5745MHz (Ch149)	1 GHz ~ 18 GHz	Fig.10	**P**
	5785MHz (Ch157)	1 GHz ~ 18 GHz	Fig.11	**P**
	5825MHz (Ch165)	1 GHz ~ 18 GHz	Fig.12	**P**
802.11n -HT40	5190MHz (Ch38)	1 GHz ~ 18 GHz	Fig.13	**P**
	5230MHz (Ch46)	1 GHz ~ 18 GHz	Fig.14	**P**
	5270MHz (Ch54)	1 GHz ~ 18 GHz	Fig.15	**P**
	5310MHz (Ch62)	1 GHz ~ 18 GHz	Fig.16	**P**
	5510MHz (Ch102)	1 GHz ~ 18 GHz	Fig.17	**P**

	5670MHz (Ch134)	1 GHz ~ 18 GHz	Fig.18	**P**
	5755MHz (Ch151)	1 GHz ~ 18 GHz	Fig.19	**P**
	5795MHz (Ch159)	1 GHz ~ 18 GHz	Fig.20	**P**
802.11ax-VHT80	5210MHz (Ch42)	1 GHz ~ 18 GHz	Fig.21	**P**
	5290MHz (Ch58)	1 GHz ~ 18 GHz	Fig.22	**P**
	5610MHz (Ch122)	1 GHz ~ 18 GHz	Fig.23	**P**
	5775MHz (Ch155)	1 GHz ~ 18 GHz	Fig.24	**P**
802.11ax-HE80	5250MHz (Ch50)	1 GHz ~ 18 GHz	Fig.25	**P**
	5570MHz (Ch114)	1 GHz ~ 18 GHz	Fig.26	**P**
All channels		30MHz ~ 1GHz	Fig.27	**P**
		18GHz ~ 26.5GHz	Fig.28	**P**
		26.5GHz ~ 40GHz	Fig.29	**P**

MIMO:

Mode	Channel	Frequency Range	Test Results	Conclusion
802.11n-HT20	5180MHz (Ch36)	1 GHz ~ 18 GHz	Fig.30	**P**
	5200MHz (Ch40)	1 GHz ~ 18 GHz	Fig.31	**P**
	5240MHz (Ch48)	1 GHz ~ 18 GHz	Fig.32	**P**
	5260MHz (Ch52)	1 GHz ~ 18 GHz	Fig.33	**P**
	5280MHz (Ch56)	1 GHz ~ 18 GHz	Fig.34	**P**
	5320MHz (Ch64)	1 GHz ~ 18 GHz	Fig.35	**P**
	5500MHz (Ch100)	1 GHz ~ 18 GHz	Fig.36	**P**
	5600MHz(Ch120)	1 GHz ~ 18 GHz	Fig.37	**P**
	5700MHz (Ch140)	1 GHz ~ 18 GHz	Fig.38	**P**
	5745MHz (Ch149)	1 GHz ~ 18 GHz	Fig.39	**P**
	5785MHz (Ch157)	1 GHz ~ 18 GHz	Fig.40	**P**
	5825MHz (Ch165)	1 GHz ~ 18 GHz	Fig.41	**P**
802.11n-HT40	5190MHz (Ch38)	1 GHz ~ 18 GHz	Fig.42	**P**
	5230MHz (Ch46)	1 GHz ~ 18 GHz	Fig.43	**P**
	5270MHz (Ch54)	1 GHz ~ 18 GHz	Fig.44	**P**
	5310MHz (Ch62)	1 GHz ~ 18 GHz	Fig.45	**P**
	5510MHz (Ch102)	1 GHz ~ 18 GHz	Fig.46	**P**
	5670MHz (Ch134)	1 GHz ~ 18 GHz	Fig.47	**P**
	5755MHz (Ch151)	1 GHz ~ 18 GHz	Fig.48	**P**
	5795MHz (Ch159)	1 GHz ~ 18 GHz	Fig.49	**P**
802.11ax-VHT80	5210MHz (Ch42)	1 GHz ~ 18 GHz	Fig.50	**P**
	5290MHz (Ch58)	1 GHz ~ 18 GHz	Fig.51	**P**
	5610MHz (Ch122)	1 GHz ~ 18 GHz	Fig.52	**P**
	5775MHz (Ch155)	1 GHz ~ 18 GHz	Fig.53	**P**
802.11ax-HE80	5250MHz (Ch50)	1 GHz ~ 18 GHz	Fig.54	**P**
	5570MHz (Ch114)	1 GHz ~ 18 GHz	Fig.55	**P**
All channels		30MHz ~ 1GHz	Fig.56	**P**
		18GHz ~ 26.5GHz	Fig.57	**P**
		26.5GHz ~ 40GHz	Fig.58	**P**

Worst Case Result:

SISO:

802.11a CH100

Frequency (MHz)	MaxPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Pol	Corr. (dB/m)
7610.307692	43.08	74.00	30.92	V	5.7
8256.923077	44.17	74.00	29.83	H	5.9
11130.461539	46.45	74.00	27.55	V	9.7
11958.923077	45.73	74.00	28.27	V	10.2
15878.307692	50.66	74.00	23.34	H	14.0
17895.692308	53.13	74.00	20.87	H	18.8

Frequency (MHz)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Pol	Corr. (dB/m)
7610.307692	33.13	54.00	20.87	V	5.7
8256.923077	33.60	54.00	20.40	H	5.9
11130.461539	35.58	54.00	18.42	V	9.7
11958.923077	35.58	54.00	18.42	V	10.2
15878.307692	40.21	54.00	13.79	H	14.0
17895.692308	42.62	54.00	11.38	H	18.8

802.11n-HT40 CH102

Frequency (MHz)	MaxPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Pol	Corr. (dB/m)
7428.461539	44.23	74.00	29.77	V	5.8
8225.076923	44.15	74.00	29.85	H	5.9
11211.230769	45.08	74.00	28.92	V	9.7
12536.769231	46.65	74.00	27.35	V	11.3
15929.538462	50.43	74.00	23.57	H	14.1
17928.000000	53.69	74.00	20.31	H	18.9

Frequency (MHz)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Pol	Corr. (dB/m)
7428.461539	34.31	54.00	19.69	V	5.8
8225.076923	33.01	54.00	20.99	H	5.9
11211.230769	35.01	54.00	18.99	V	9.7
12536.769231	35.73	54.00	18.27	V	11.3
15929.538462	39.94	54.00	14.06	H	14.1
17928.000000	42.82	54.00	11.18	H	18.9

802.11ax-HE80 CH106

Frequency (MHz)	MaxPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Pol	Corr. (dB/m)
8215.384616	43.56	74.00	30.44	H	5.9
10861.384615	46.52	74.00	27.48	H	9.3
11555.076923	46.18	74.00	27.82	V	10.0
12459.230769	46.57	74.00	27.43	H	11.4
15912.000000	50.36	74.00	23.64	V	14.1
17923.846154	53.96	74.00	20.04	V	18.9

Frequency (MHz)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Pol	Corr. (dB/m)
8215.384616	33.02	54.00	20.98	H	5.9
10861.384615	35.34	54.00	18.66	H	9.3
11555.076923	35.81	54.00	18.19	V	10.0
12459.230769	36.58	54.00	17.42	H	11.4
15912.000000	39.96	54.00	14.04	V	14.1
17923.846154	42.83	54.00	11.17	V	18.9

802.11ax-HE160 CH50

Frequency (MHz)	MaxPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Pol	Corr. (dB/m)
8259.230769	43.85	74.00	30.15	H	5.9
10881.230769	45.86	74.00	28.14	H	9.3
11653.846154	47.68	74.00	26.32	V	9.9
12251.076923	47.29	74.00	26.71	H	10.9
15846.461539	50.31	74.00	23.69	V	14.0
17908.615385	53.23	74.00	20.77	V	18.9

Frequency (MHz)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Pol	Corr. (dB/m)
8259.230769	33.37	54.00	20.63	H	5.9
10881.230769	35.14	54.00	18.86	H	9.3
11653.846154	36.20	54.00	17.80	V	9.9
12251.076923	36.29	54.00	17.71	H	10.9
15846.461539	39.63	54.00	14.37	V	14.0
17908.615385	43.26	54.00	10.74	V	18.9

MIMO:

802.11n-HT20 CH100

Frequency (MHz)	MaxPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Pol	Corr. (dB/m)
7499.538462	43.22	74.00	30.78	H	5.7
8235.230769	44.07	74.00	29.93	V	5.9
11002.153846	47.30	74.00	26.70	V	9.7
12228.000000	46.10	74.00	27.90	V	10.9
15954.000000	50.01	74.00	23.99	H	14.1
17891.076923	52.97	74.00	21.03	V	18.8

Frequency (MHz)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Pol	Corr. (dB/m)
7499.538462	33.09	54.00	20.91	H	5.7
8235.230769	33.24	54.00	20.76	V	5.9
11002.153846	37.12	54.00	16.88	V	9.7
12228.000000	35.94	54.00	18.06	V	10.9
15954.000000	39.25	54.00	14.75	H	14.1
17891.076923	42.75	54.00	11.25	V	18.8

802.11n-HT40 CH102

Frequency (MHz)	MaxPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Pol	Corr. (dB/m)
7585.384616	43.01	74.00	30.99	H	5.7
8290.153846	43.75	74.00	30.25	H	6.0
11196.923077	45.99	74.00	28.01	V	9.7
12228.461539	46.39	74.00	27.61	H	10.9
15881.538462	50.28	74.00	23.72	H	14.0
17884.615385	53.79	74.00	20.21	H	18.8

Frequency (MHz)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Pol	Corr. (dB/m)
7585.384616	33.20	54.00	20.80	H	5.7
8290.153846	33.14	54.00	20.86	H	6.0
11196.923077	35.43	54.00	18.57	V	9.7
12228.461539	36.25	54.00	17.75	H	10.9
15881.538462	40.36	54.00	13.64	H	14.0
17884.615385	42.62	54.00	11.38	H	18.8

802.11ax-HE80 CH106

Frequency (MHz)	MaxPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Pol	Corr. (dB/m)
8155.384616	44.23	74.00	29.77	H	6.0
10878.461539	46.10	74.00	27.90	H	9.3
11643.230769	46.73	74.00	27.27	V	9.9
12158.307692	46.44	74.00	27.56	H	10.7
15959.538462	49.82	74.00	24.18	H	14.1
17885.076923	53.11	74.00	20.89	V	18.8

Frequency (MHz)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Pol	Corr. (dB/m)
8155.384616	32.61	54.00	21.39	H	6.0
10878.461539	35.65	54.00	18.35	H	9.3
11643.230769	36.47	54.00	17.53	V	9.9
12158.307692	35.66	54.00	18.34	H	10.7
15959.538462	39.30	54.00	14.70	H	14.1
17885.076923	42.50	54.00	11.50	V	18.8

802.11ax-HE160 CH50

Frequency (MHz)	MaxPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Pol	Corr. (dB/m)
8237.076923	44.23	74.00	29.77	V	5.9
10887.230769	45.65	74.00	28.35	H	9.3
11645.076923	47.27	74.00	26.73	H	9.9
12409.846154	46.13	74.00	27.87	V	11.3
15891.692308	50.28	74.00	23.72	H	14.0
17943.230769	53.46	74.00	20.54	H	19.0

Frequency (MHz)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Pol	Corr. (dB/m)
8237.076923	33.46	54.00	20.54	V	5.9
10887.230769	35.41	54.00	18.59	H	9.3
11645.076923	36.51	54.00	17.49	H	9.9
12409.846154	35.90	54.00	18.10	V	11.3
15891.692308	40.04	54.00	13.96	H	14.0
17943.230769	43.03	54.00	10.97	H	19.0

Note: A "reference path loss" is established and the A_{Rpl} is the attenuation of “reference path loss”, and including the gain of receive antenna, the gain of the preamplifier, the cable loss. P_{Mea} is the field strength recorded from the instrument. The measurement results are obtained as described below: Result = P_{Mea} + A_{Rpl} = P_{Mea} + Cable Loss + Antenna Factor

See below for test graphs.

Conclusion: PASS

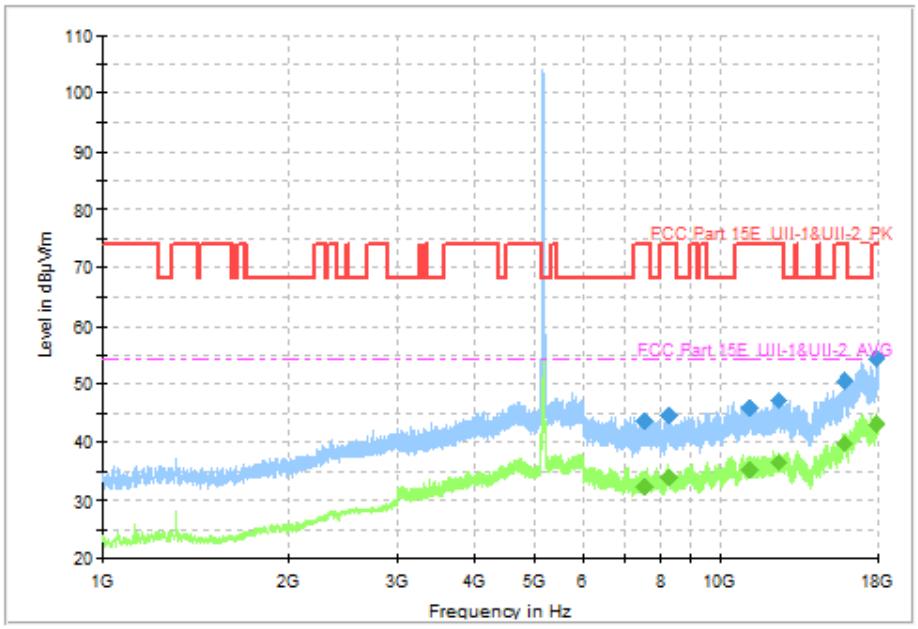

Fig. 1 Transmitter Spurious Emission (802.11a, CH36 5180MHz)

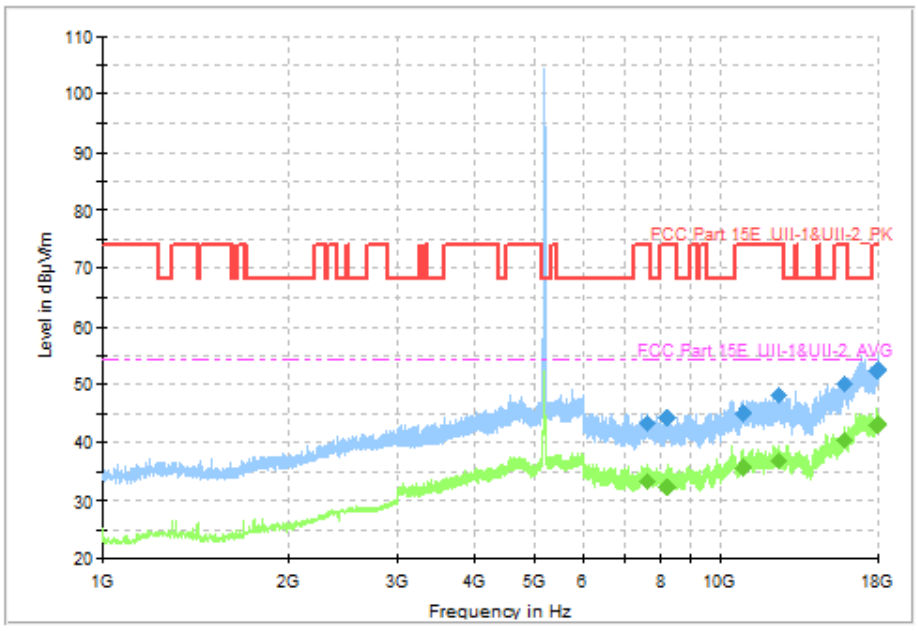

Fig. 2 Transmitter Spurious Emission (802.11a, CH40 5200MHz)

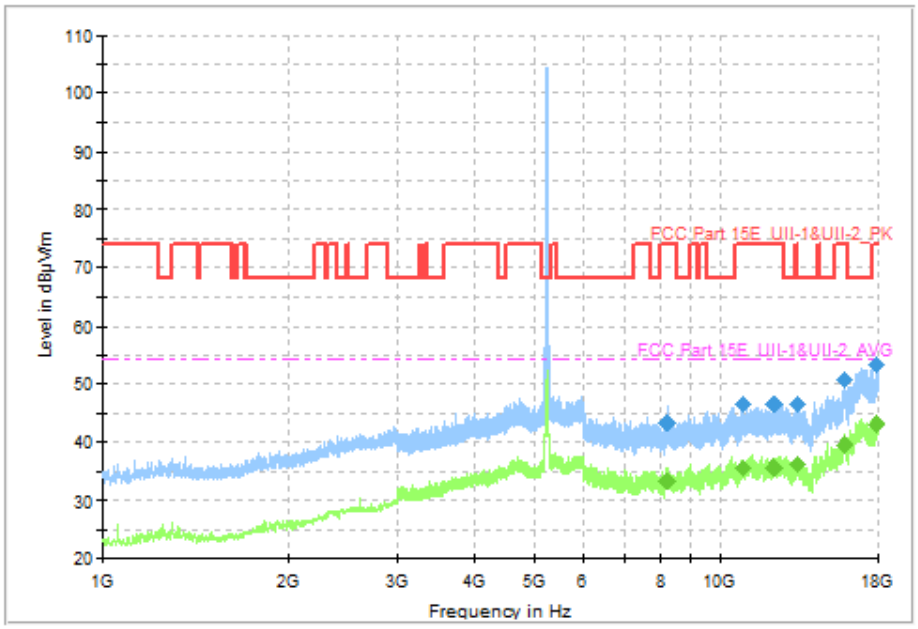

Fig. 3 Transmitter Spurious Emission (802.11a, CH48 5240MHz)

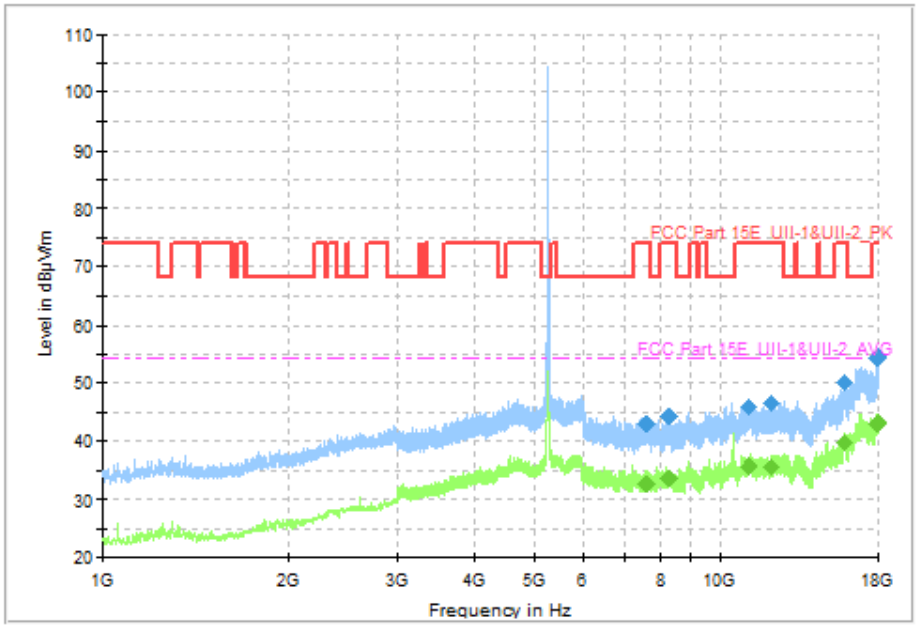

Fig. 4 Transmitter Spurious Emission (802.11a, CH52 5260MHz)

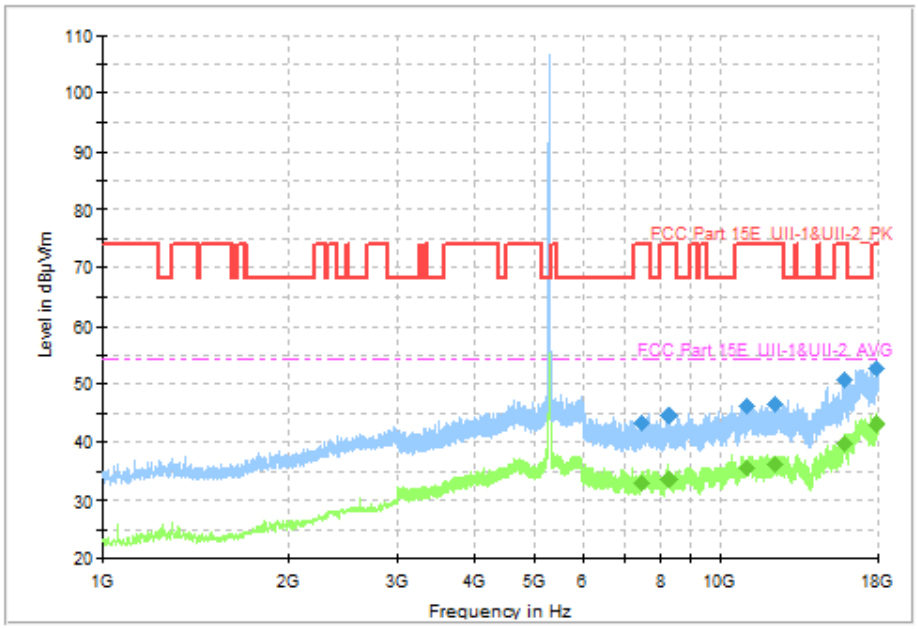

Fig. 5 Transmitter Spurious Emission (802.11a, CH56 5280MHz)

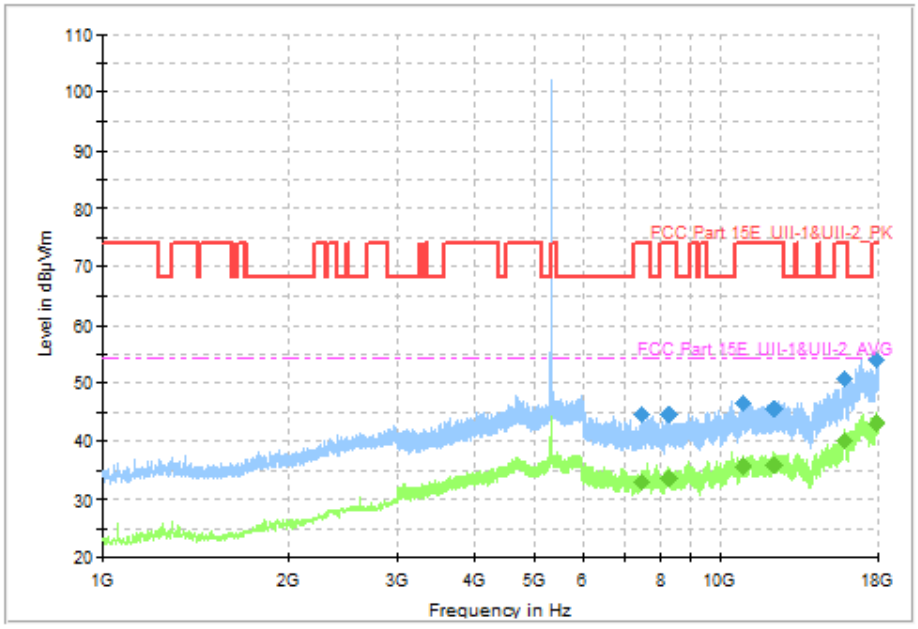

Fig. 6 Transmitter Spurious Emission (802.11a, CH64 5320MHz)

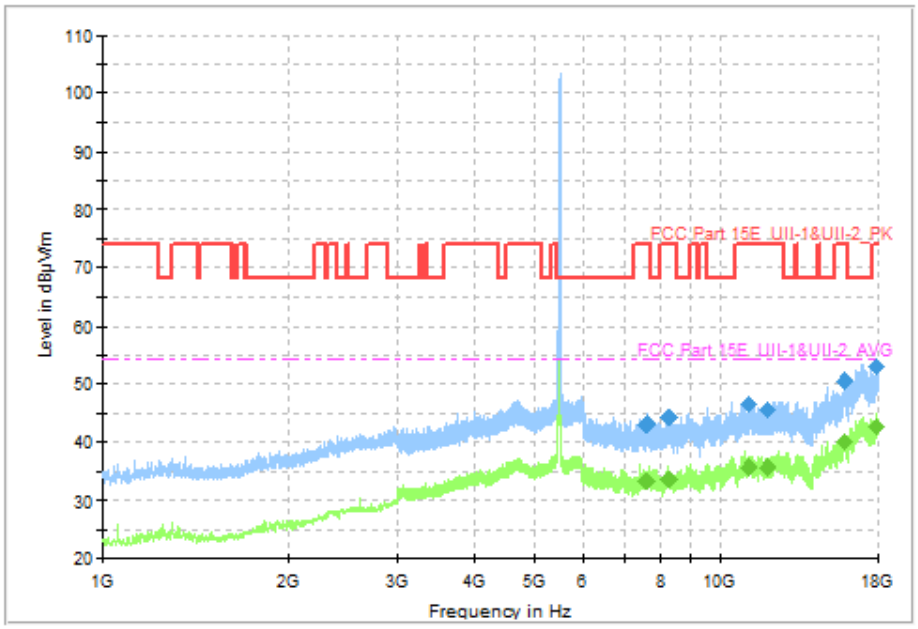

Fig. 7 Transmitter Spurious Emission (802.11a, CH100 5500MHz)

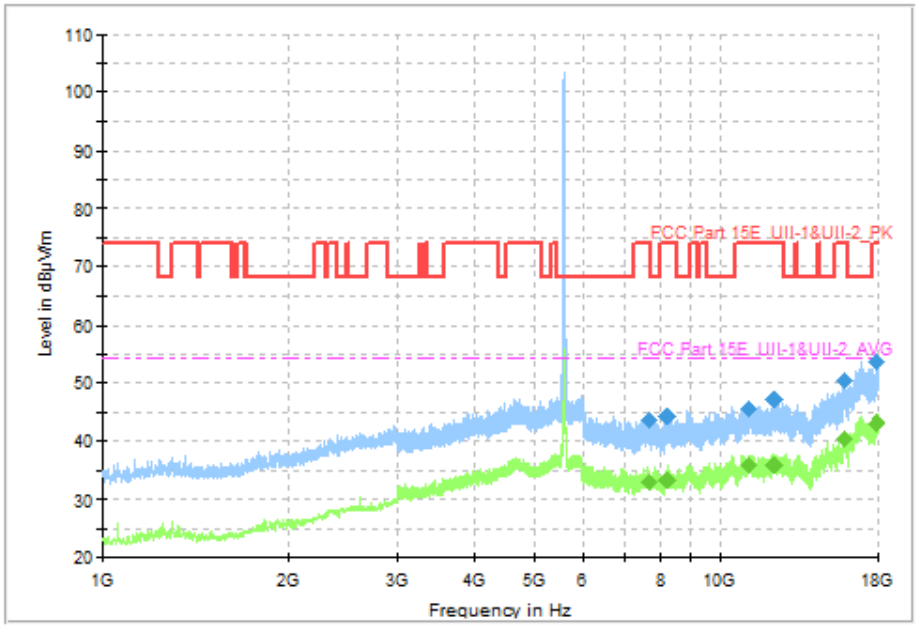

Fig. 8 Transmitter Spurious Emission (802.11a, CH120 5600MHz)

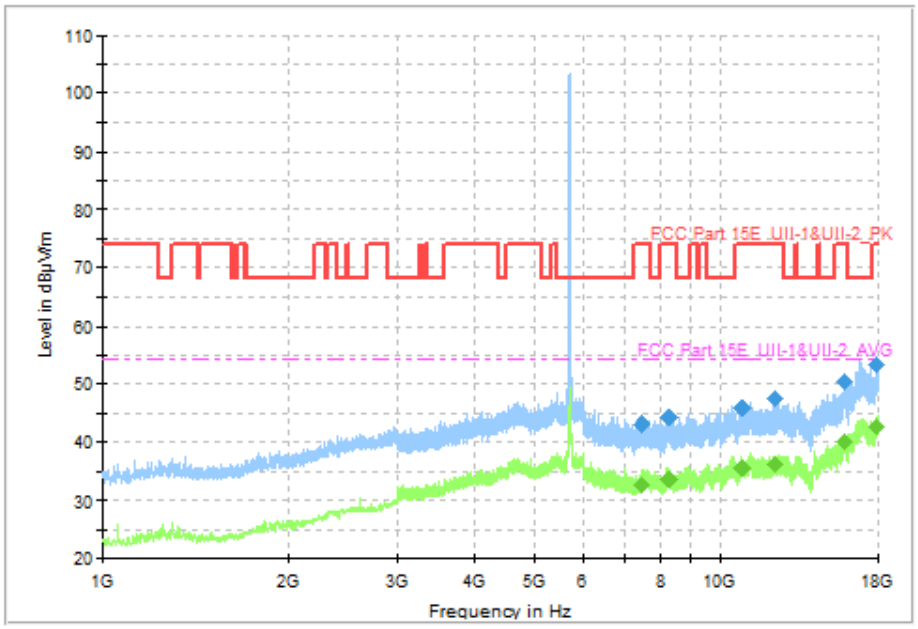

Fig. 9 Transmitter Spurious Emission (802.11a, CH140 5700MHz)

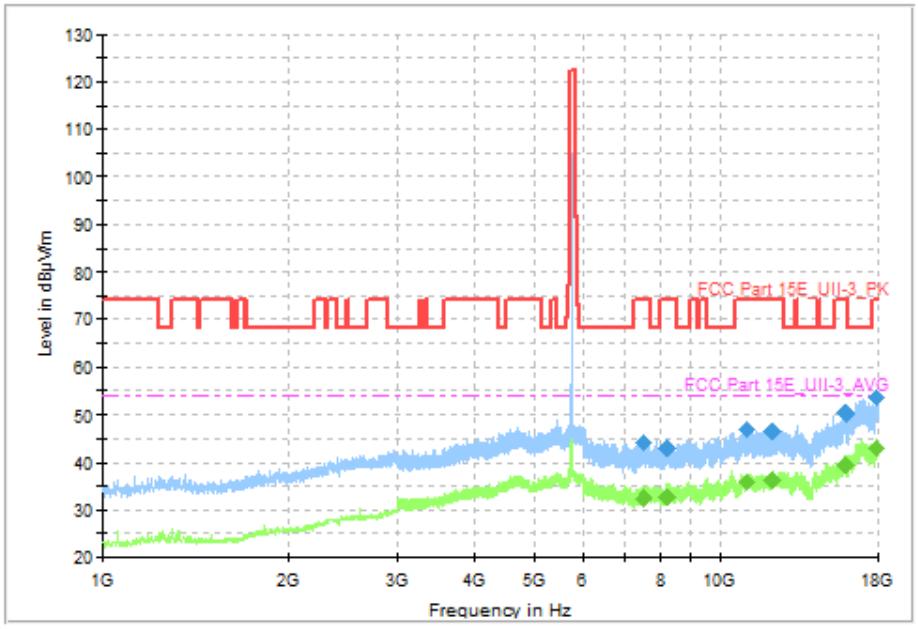

Fig. 10 Transmitter Spurious Emission (802. 11a, CH149 5745MHz)

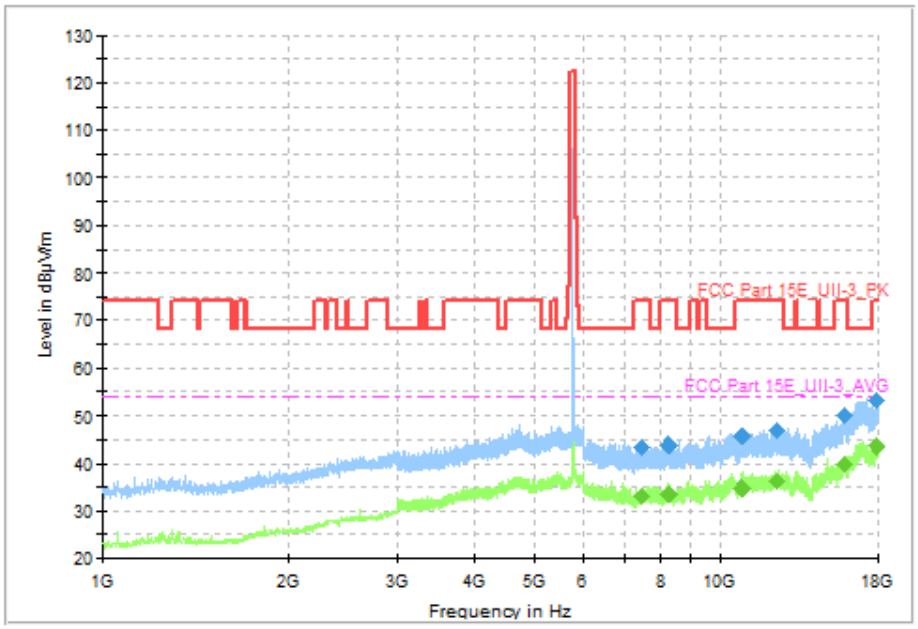

Fig. 11 Transmitter Spurious Emission (802. 11a, CH157 5785MHz)

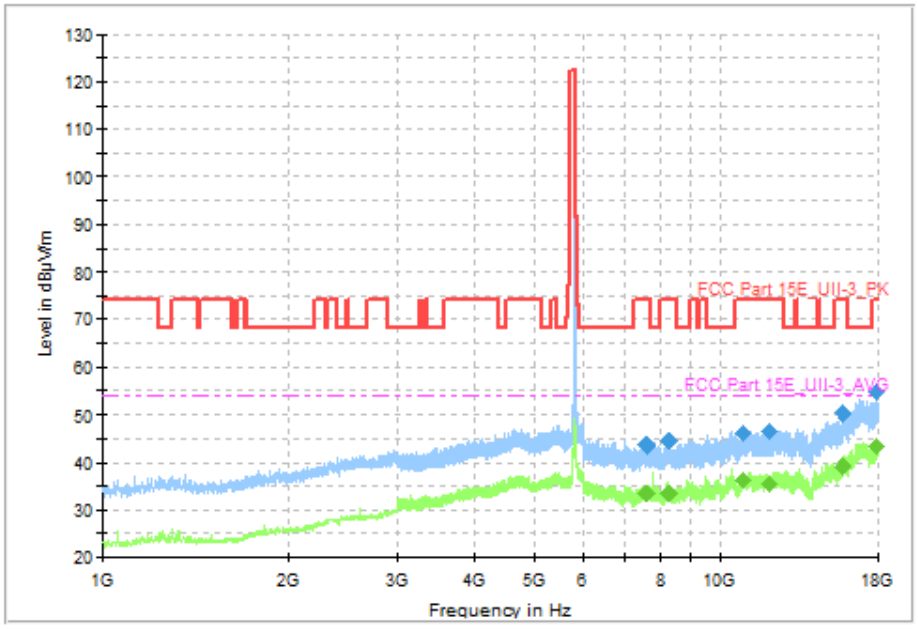

Fig. 12 Transmitter Spurious Emission (802. 11a, CH165 5825MHz)

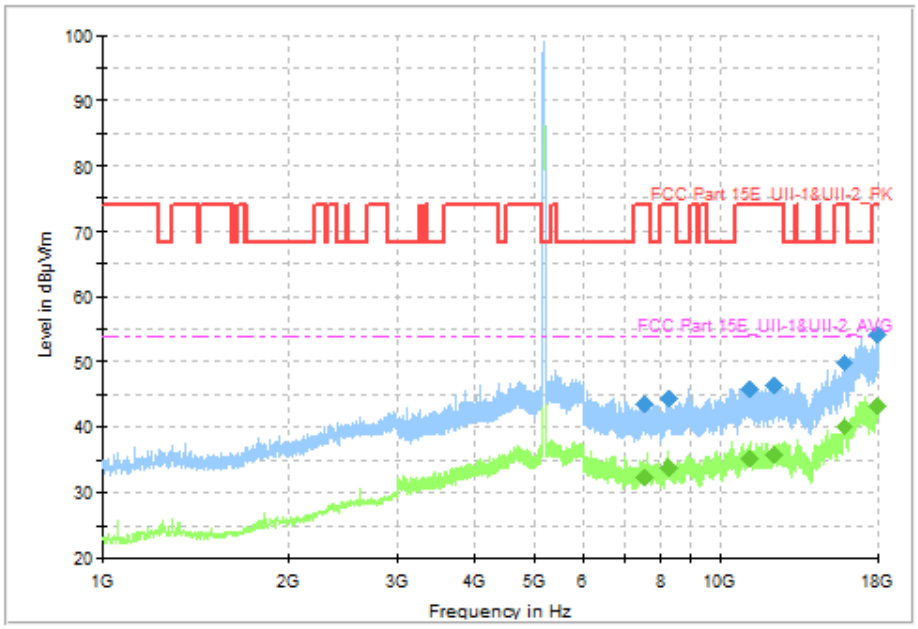

Fig. 13 Transmitter Spurious Emission (802.11n-HT40, CH38 5190MHz)

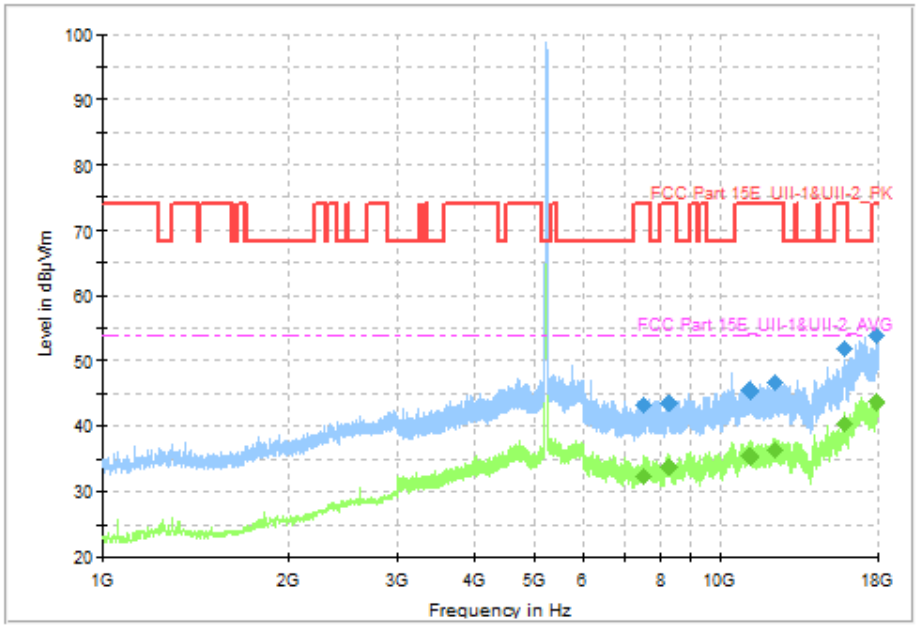

Fig. 14 Transmitter Spurious Emission (802.11n-HT40, CH46 5230MHz)

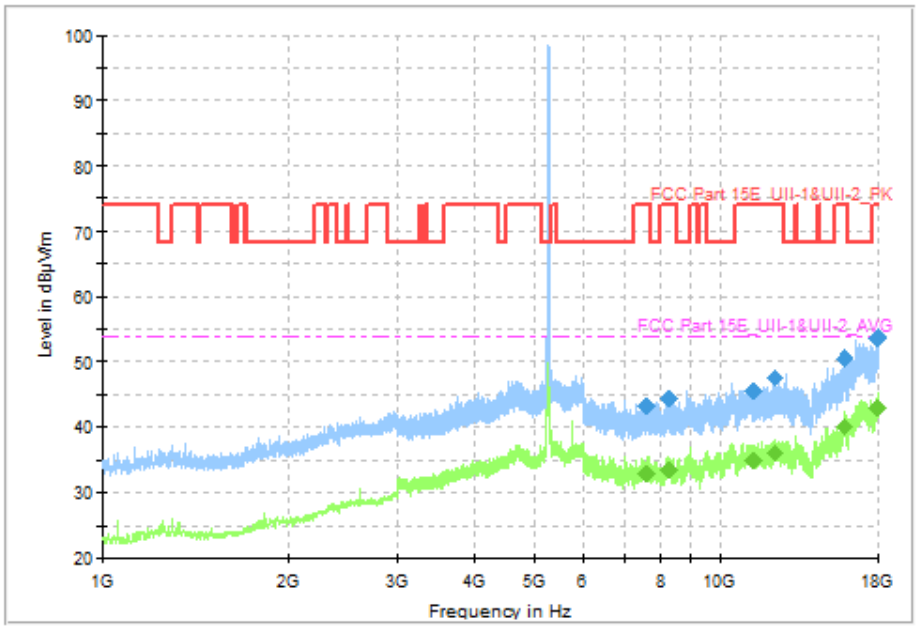

Fig. 15 Transmitter Spurious Emission (802.11n-HT40, CH54 5270MHz)

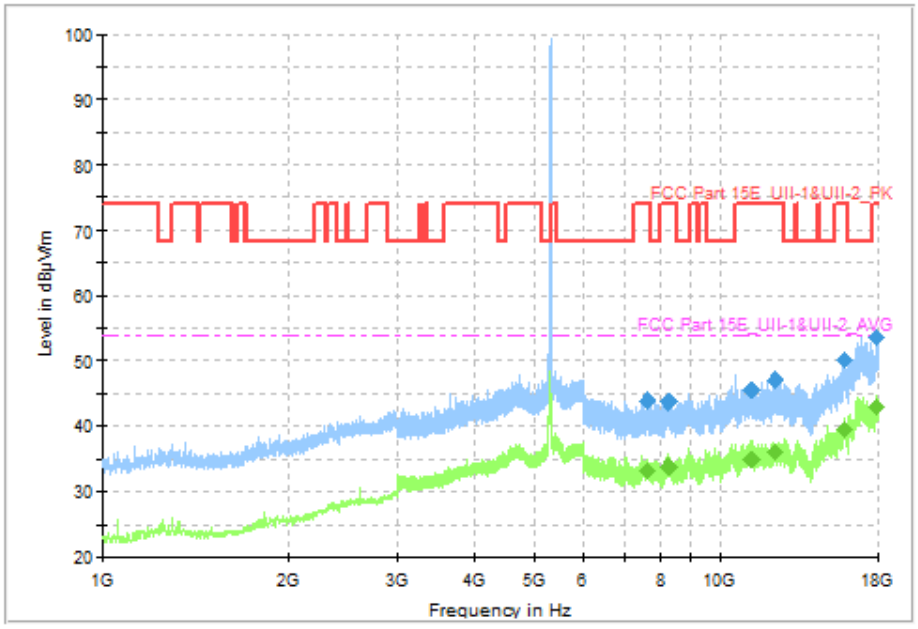

Fig. 16 Transmitter Spurious Emission (802.11n-HT40, CH62 5310MHz)

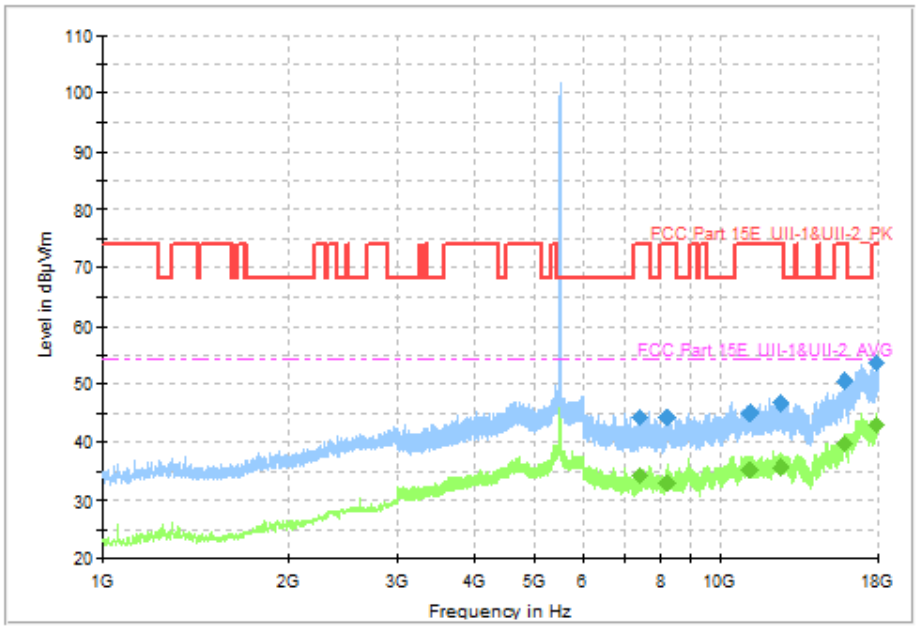

Fig. 17 Transmitter Spurious Emission (802.11n-HT40, CH102 5510MHz)

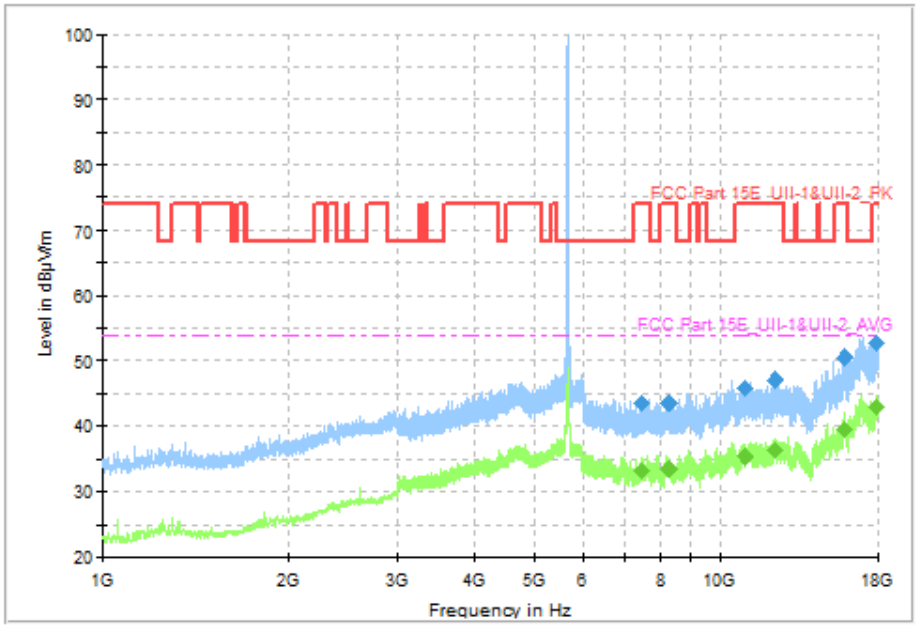

Fig. 18 Transmitter Spurious Emission (802.11n-HT40, CH134 5670MHz)

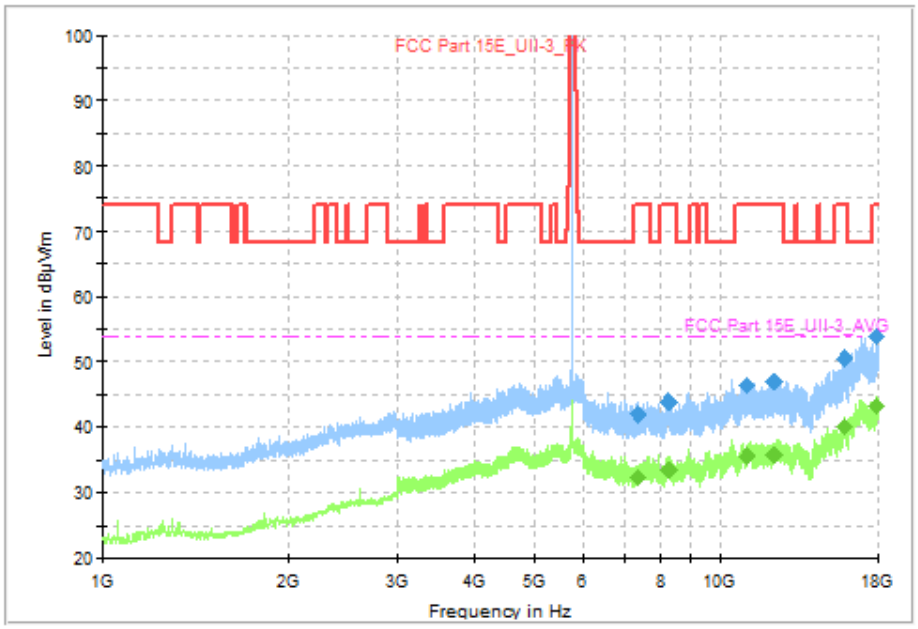

Fig. 19 Transmitter Spurious Emission (802. 11n-HT40, CH151 5755MHz)

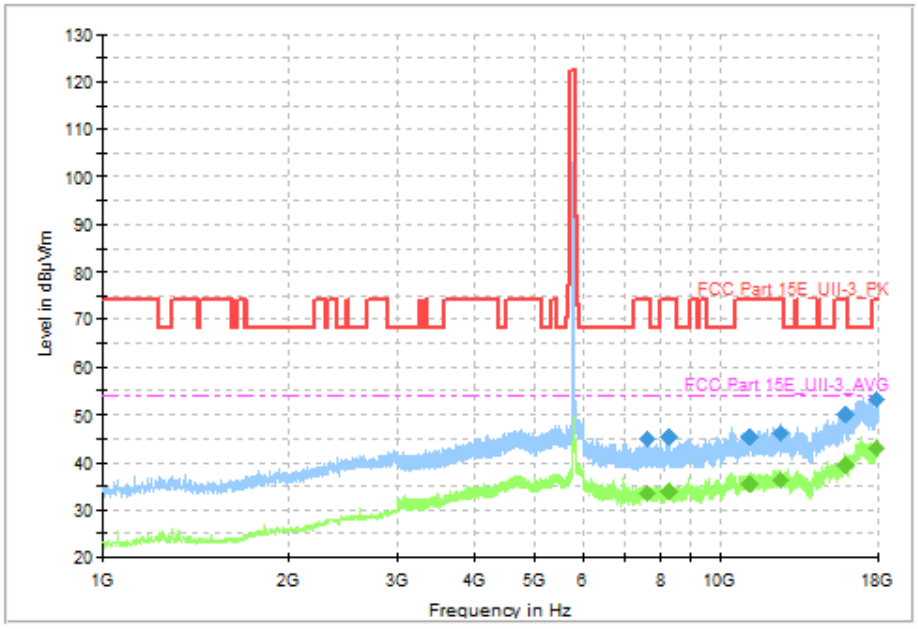

Fig. 20 Transmitter Spurious Emission (802.11n-HT40, CH159 5795MHz)

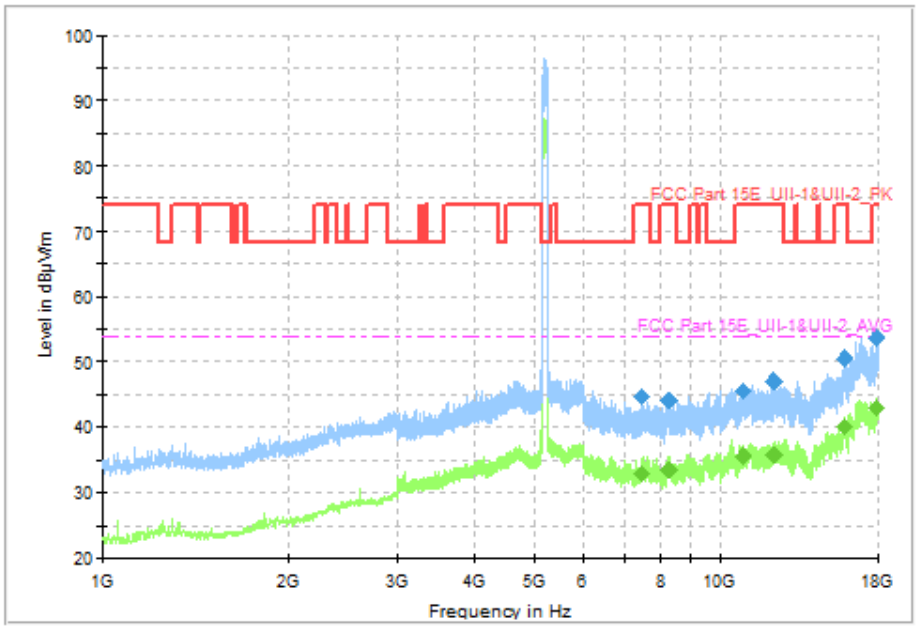

Fig. 21 Transmitter Spurious Emission (802.11ax-HE80, CH42 5210MHz)

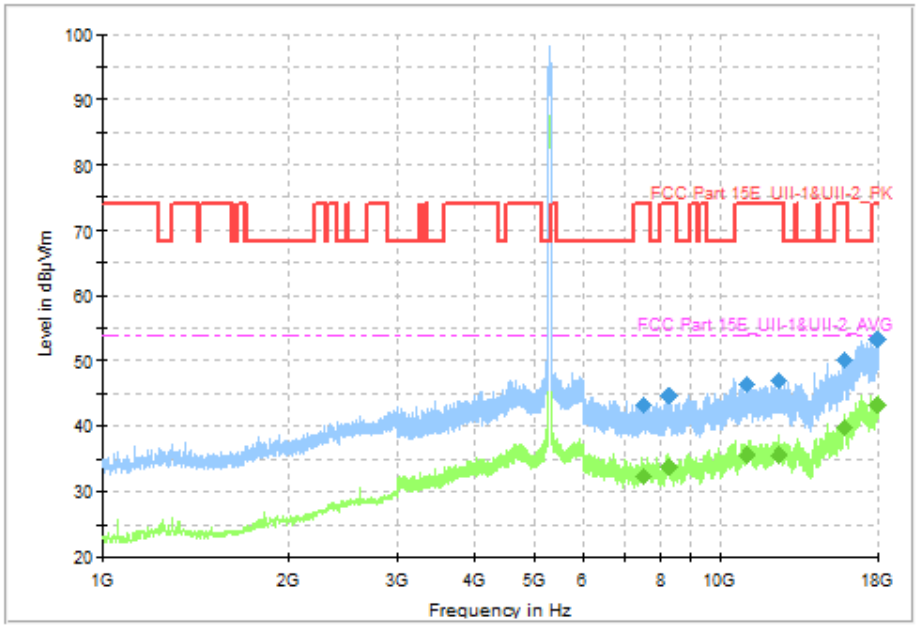

Fig. 22 Transmitter Spurious Emission (802.11ax-HE80, CH58 5290MHz)

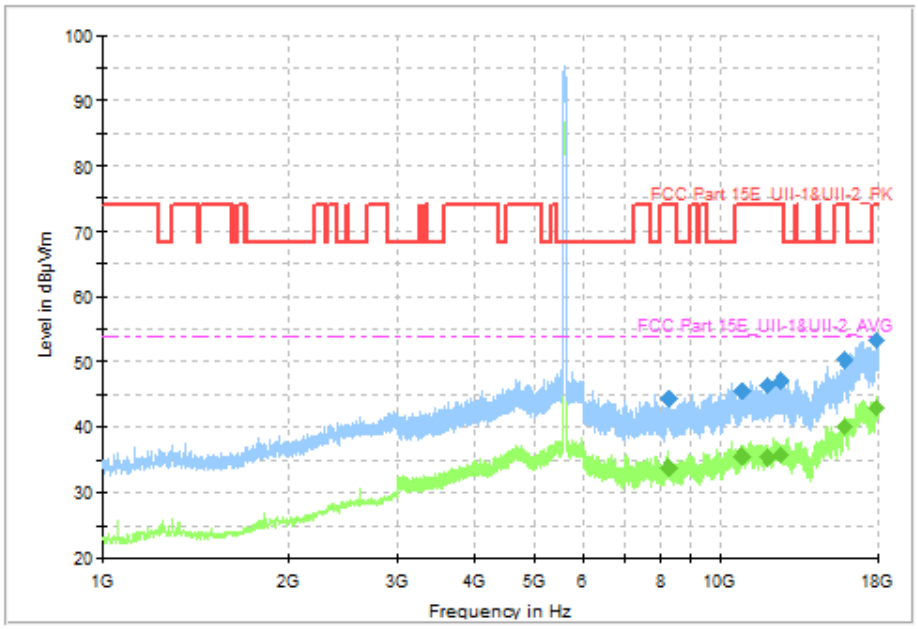

Fig. 23 Transmitter Spurious Emission (802. 11ax-HE80, CH122 5610MHz)

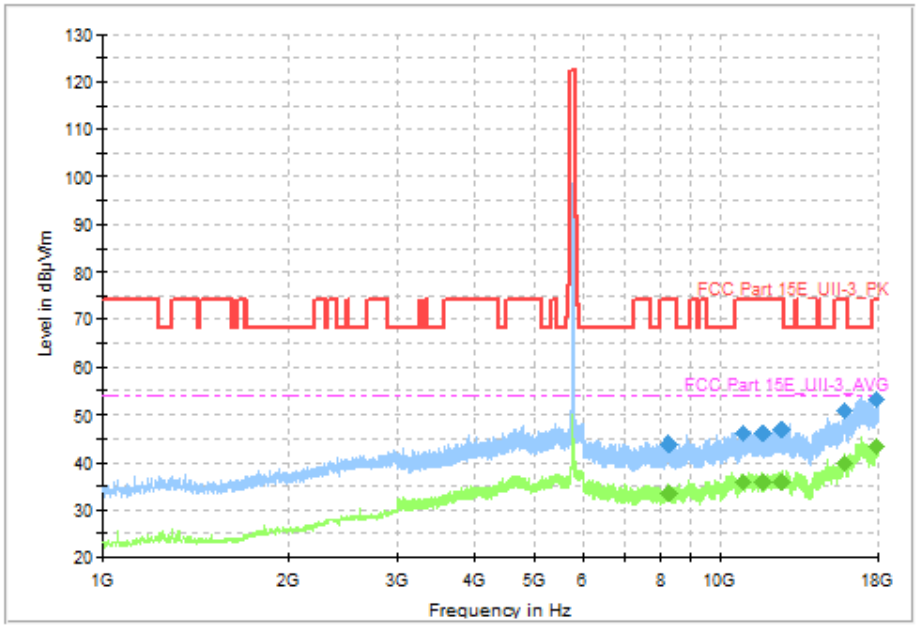

Fig. 24 Transmitter Spurious Emission (802. 11ax-HE80, CH155 5775MHz)

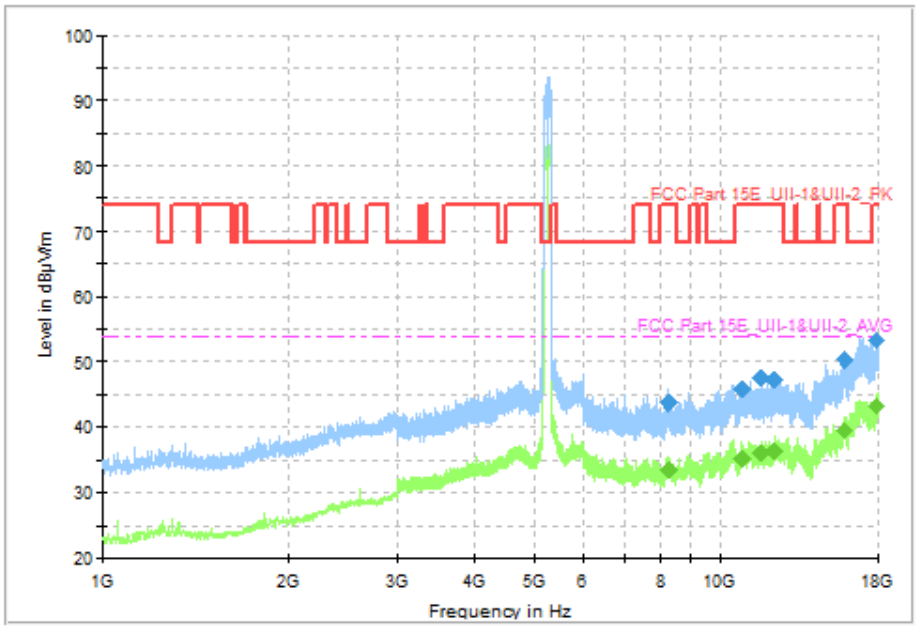

Fig. 25 Transmitter Spurious Emission (802. 11ax-HE160, CH50 5250MHz)

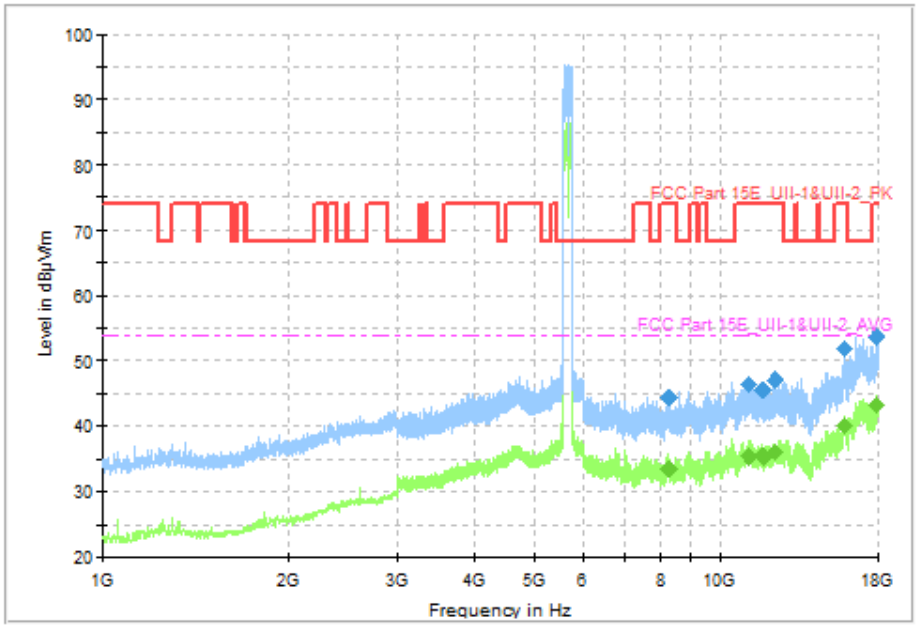

Fig. 26 Transmitter Spurious Emission (802. 11ax-HE160, CH114 5570MHz)

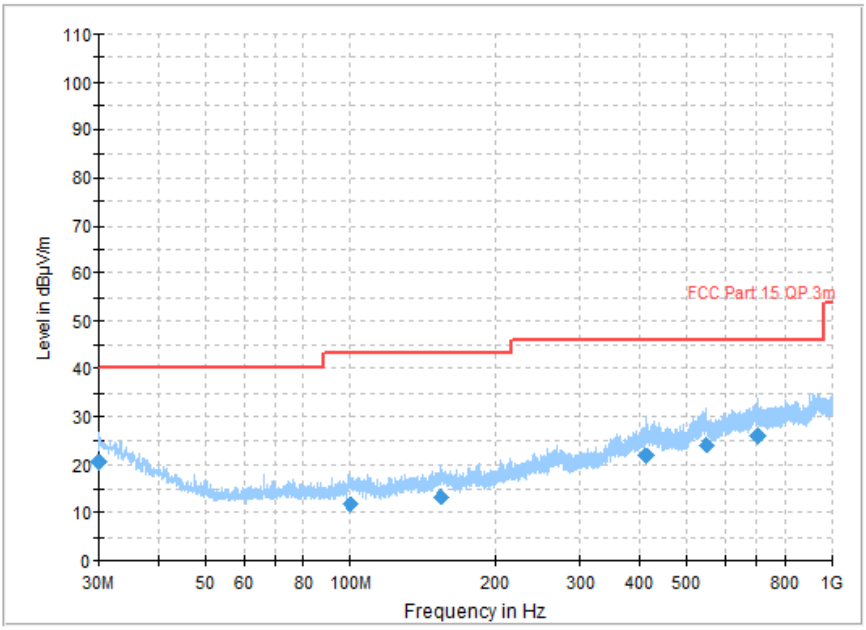

Fig. 27 Transmitter Spurious Emission (All channel, 30MHz~1GHz)

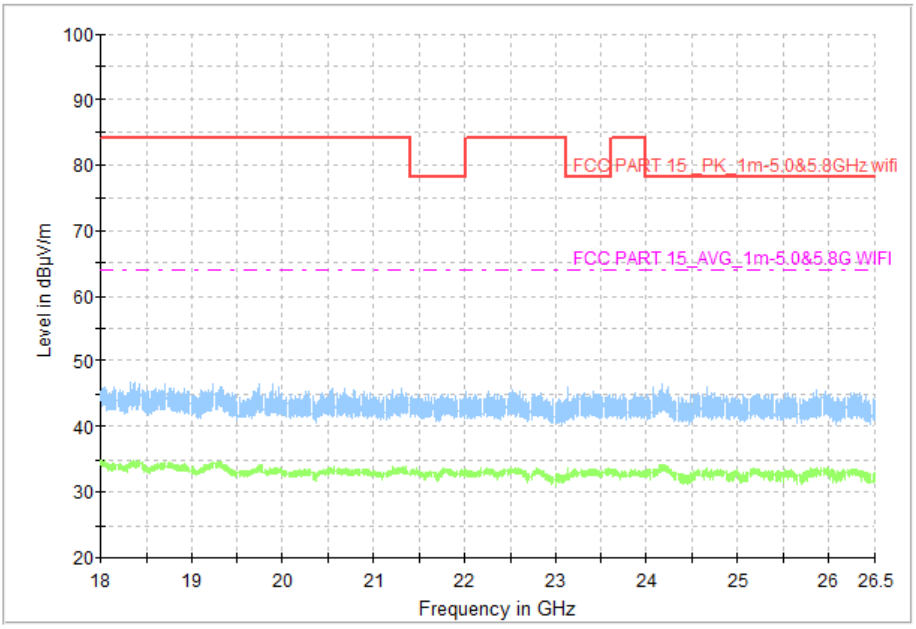

Fig. 28 Transmitter Spurious Emission (All channel, 18GHz~26.5GHz)

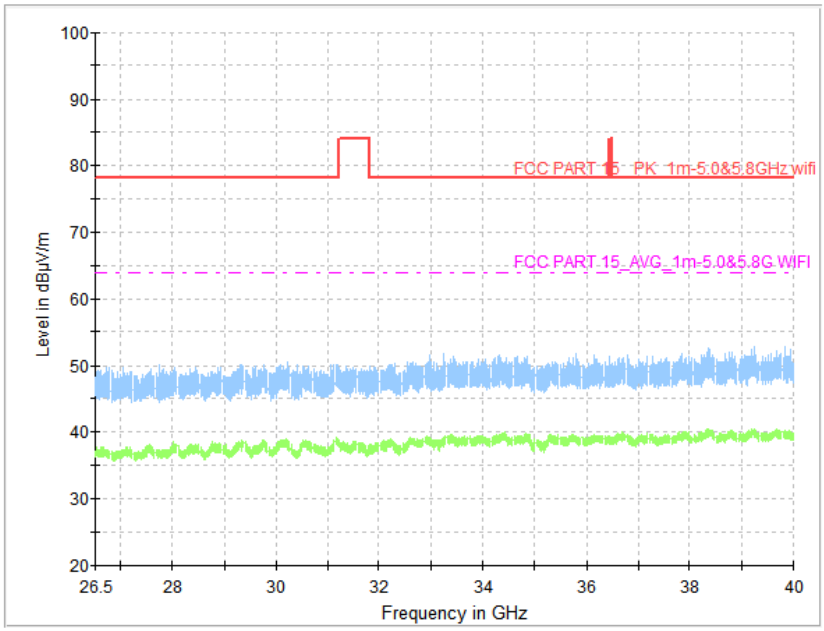

Fig. 29 Transmitter Spurious Emission (All channel, 26.5GHz~40GHz)

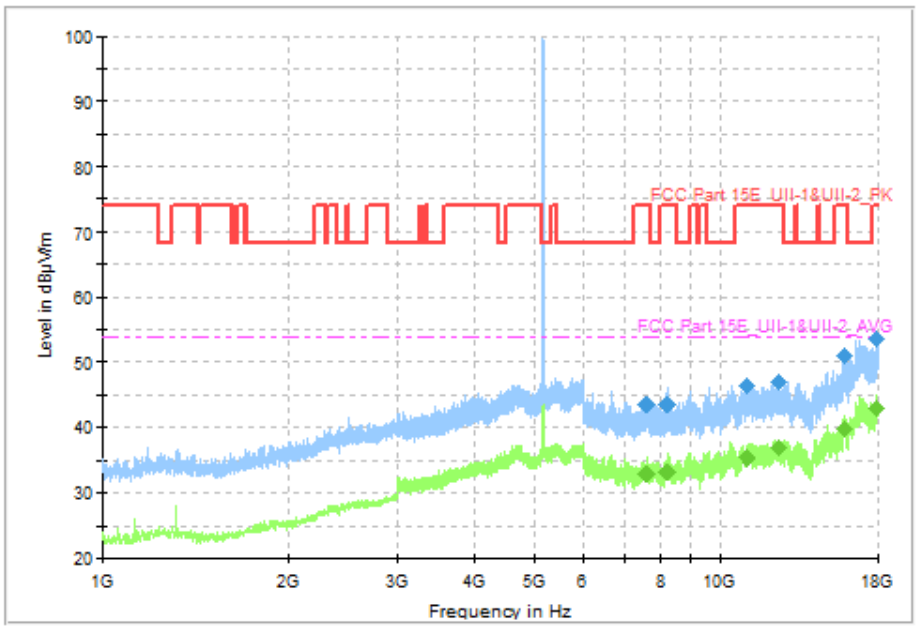

Fig. 30 Transmitter Spurious Emission (802.11n-HT20, CH36 5180MHz)

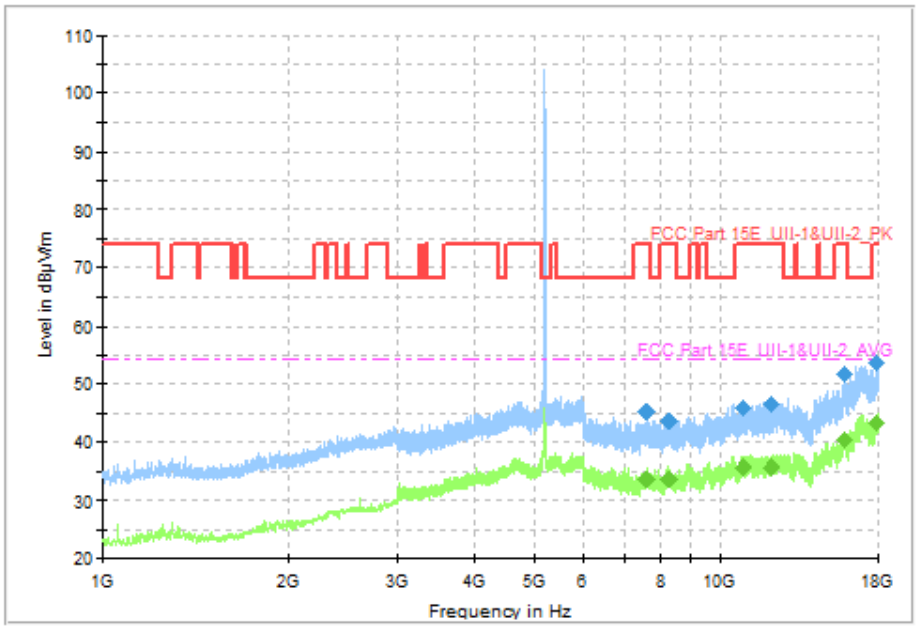

Fig. 31 Transmitter Spurious Emission (802.11n-HT20, CH40 5200MHz)

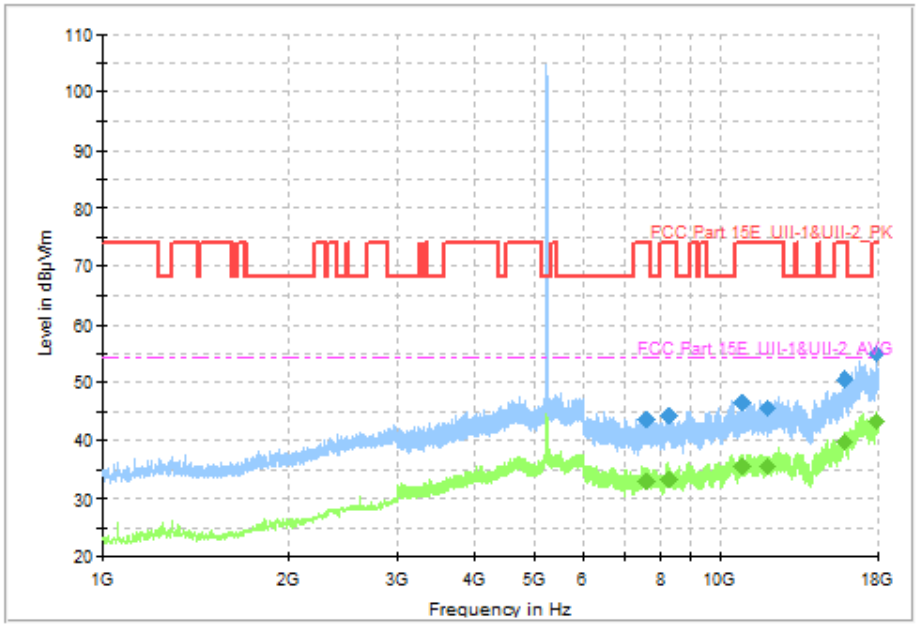

Fig. 32 Transmitter Spurious Emission (802.11n-HT20, CH48 5240MHz)

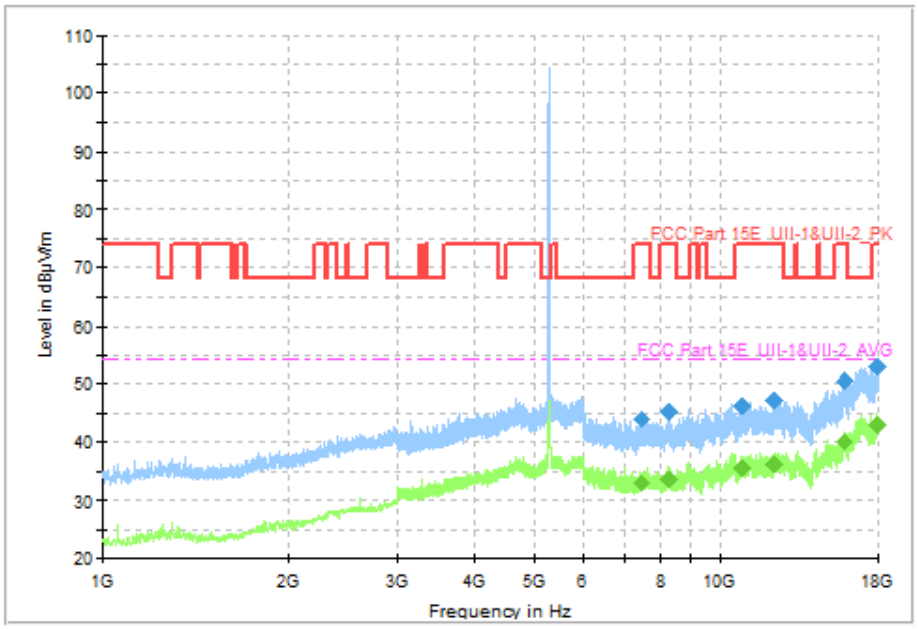

Fig. 33 Transmitter Spurious Emission (802.11n-HT20, CH52 5260MHz)

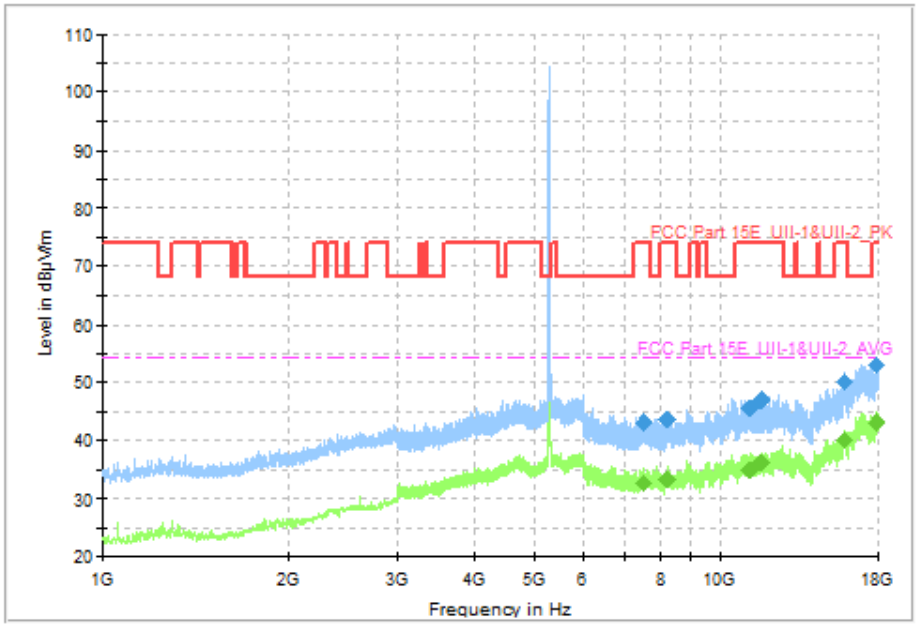

Fig. 34 Transmitter Spurious Emission (802.11n-HT20, CH56 5280MHz)

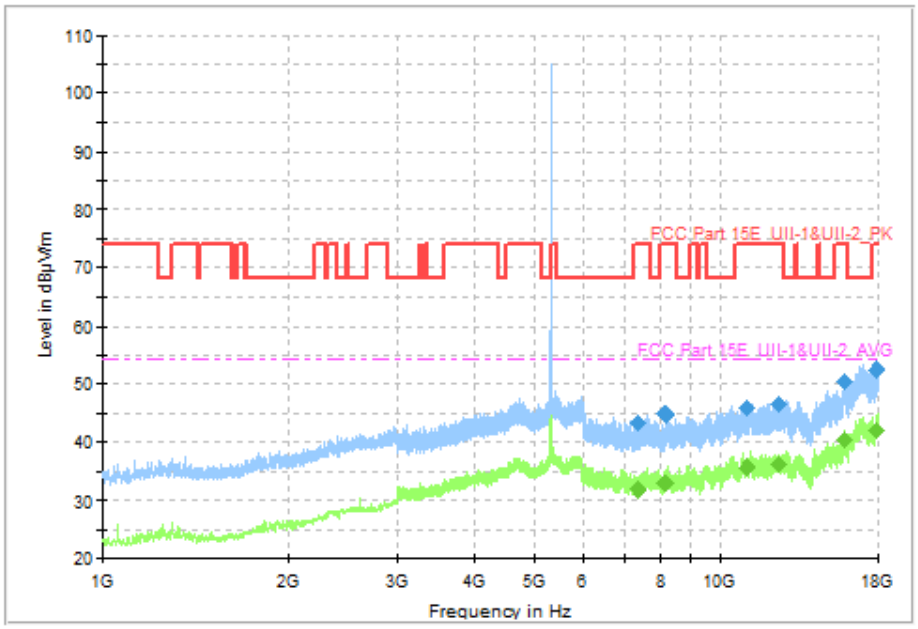

Fig. 35 Transmitter Spurious Emission (802.11n-HT20, CH64 5320MHz)

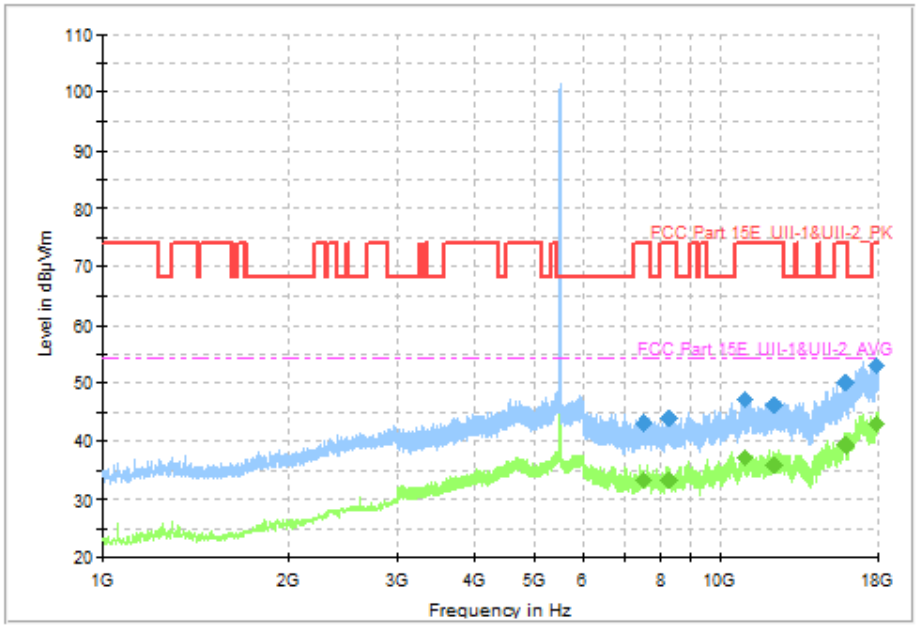

Fig. 36 Transmitter Spurious Emission (802.11n-HT20, CH100 5500MHz)

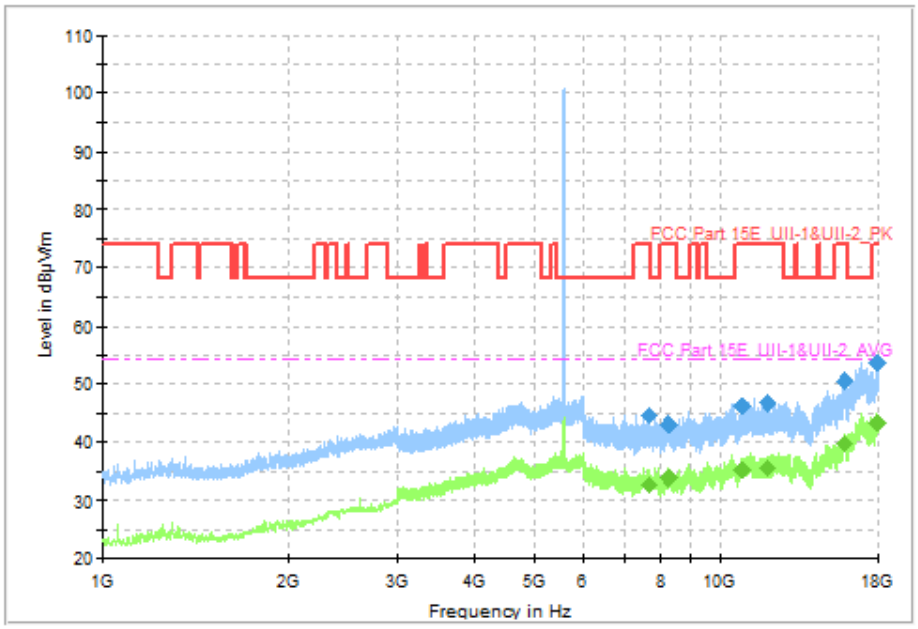

Fig. 37 Transmitter Spurious Emission (802.11n-HT20, CH120 5600MHz)

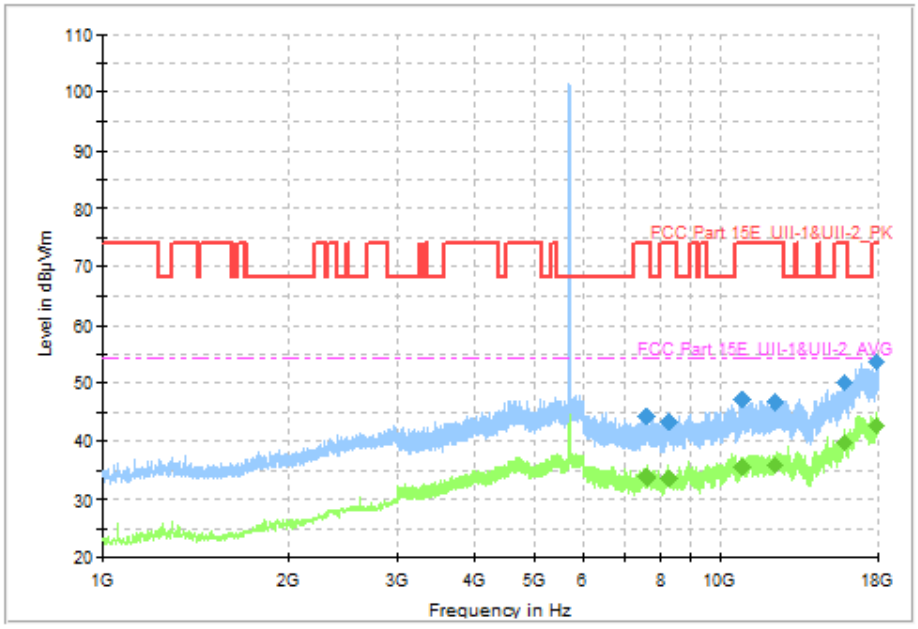

Fig. 38 Transmitter Spurious Emission (802.11n-HT20, CH140 5700MHz)

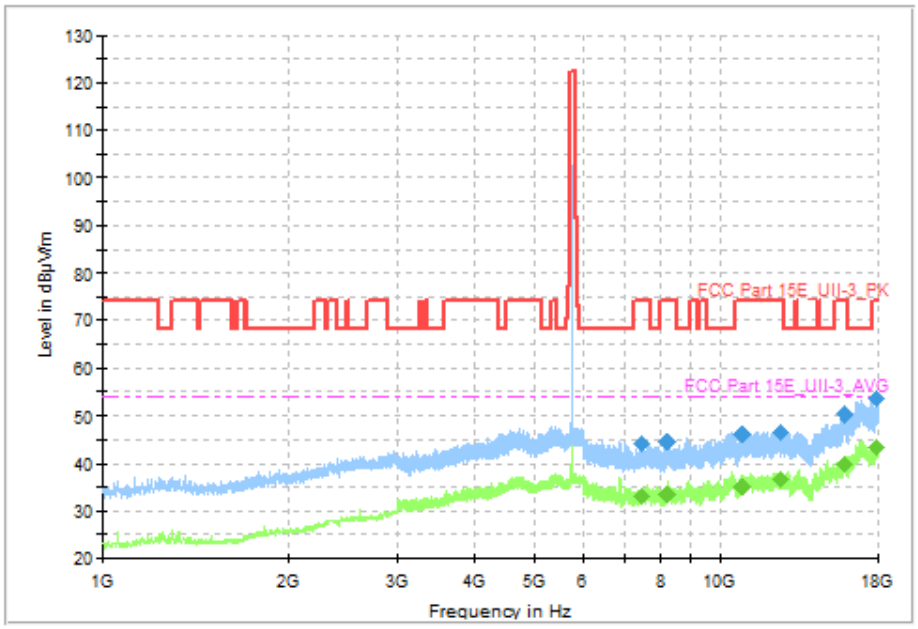

Fig. 39 Transmitter Spurious Emission (802.11n-HT20, CH149 5745MHz)

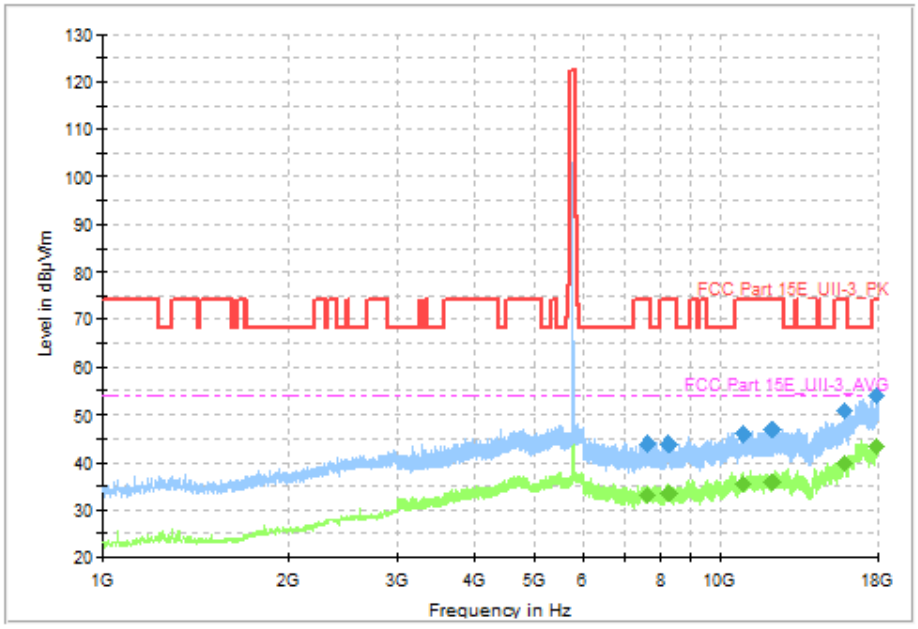

Fig. 40 Transmitter Spurious Emission (802.11n-HT20, CH157 5785MHz)

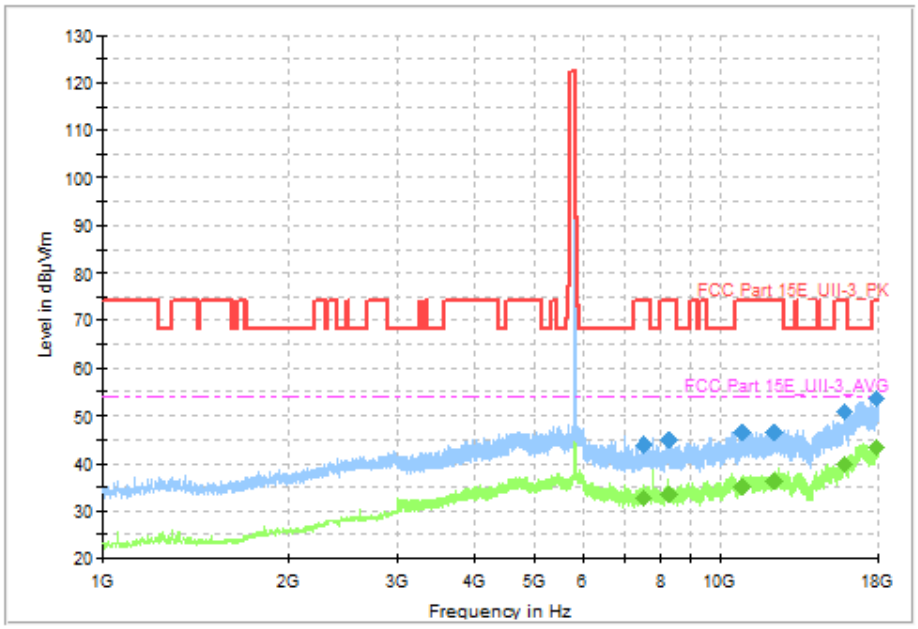

Fig. 41 Transmitter Spurious Emission (802.11n-HT20, CH165 5825MHz)

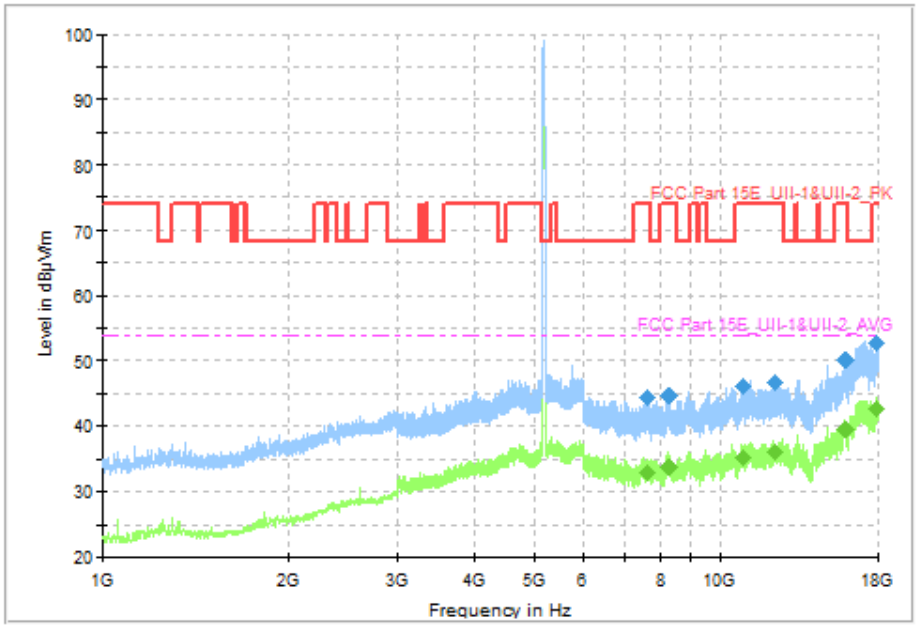

Fig. 42 Transmitter Spurious Emission (802.11n-HT40, CH38 5190MHz)

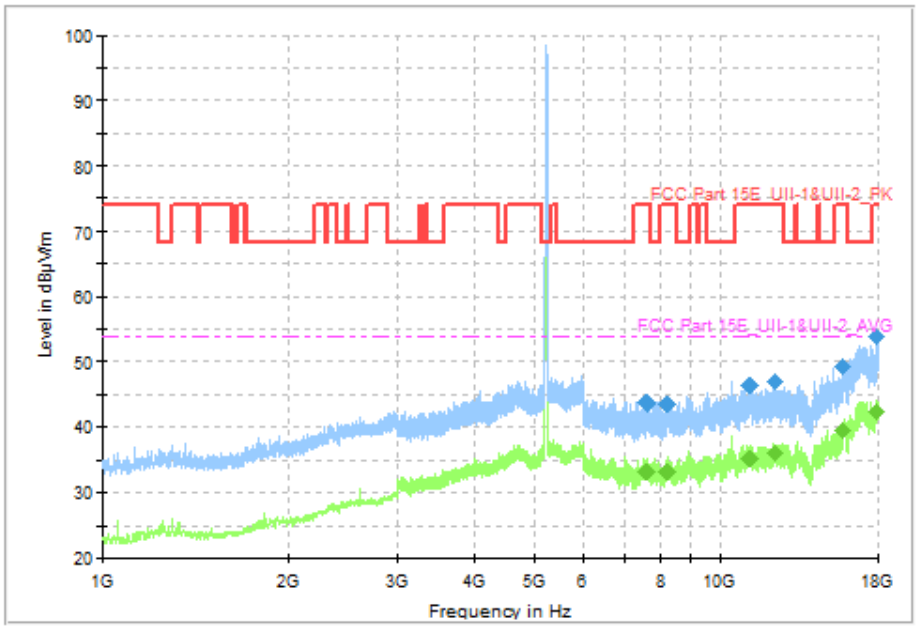

Fig. 43 Transmitter Spurious Emission (802.11n-HT40, CH46 5230MHz)

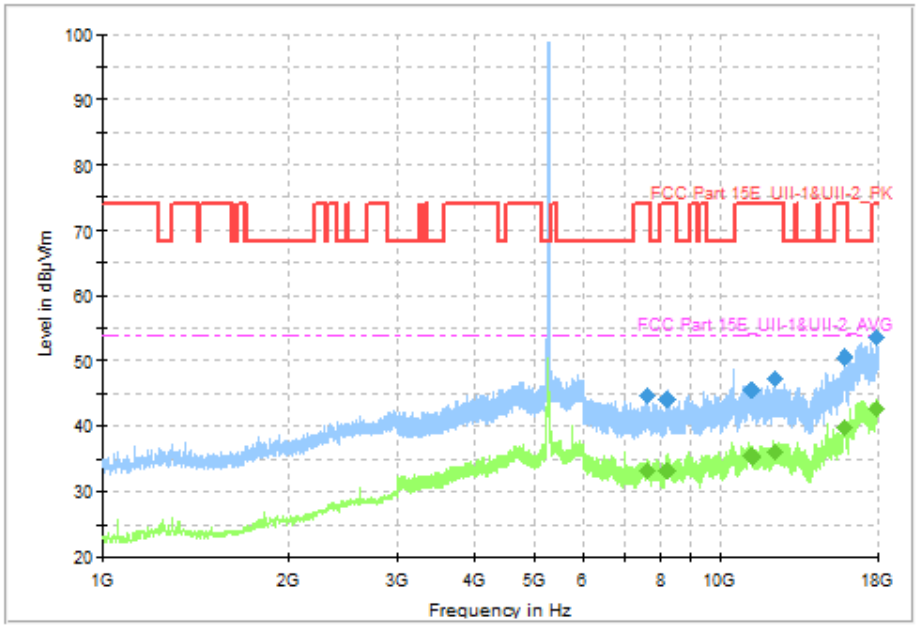

Fig. 44 Transmitter Spurious Emission (802.11n-HT40, CH54 5270MHz)

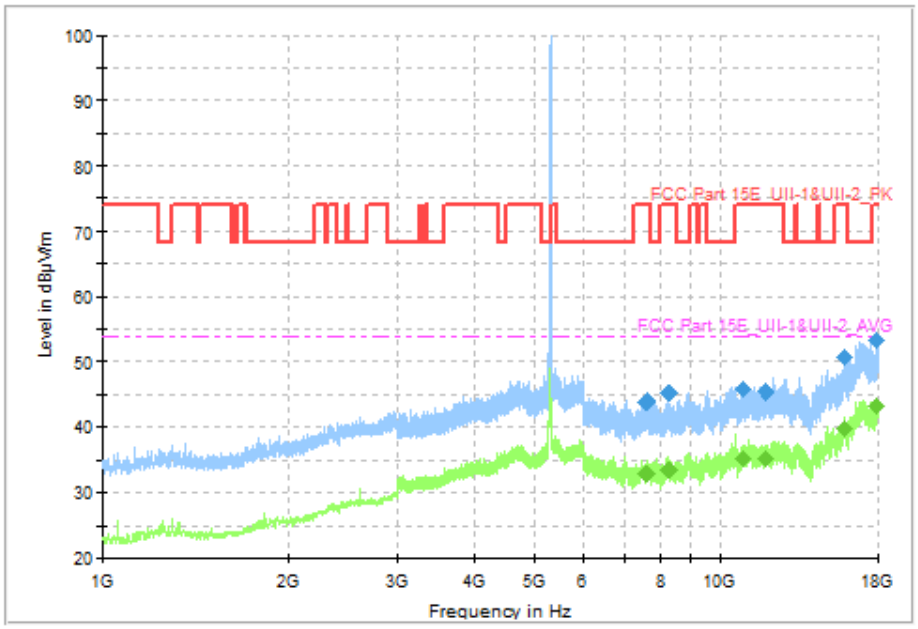

Fig. 45 Transmitter Spurious Emission (802.11n-HT40, CH62 5310MHz)

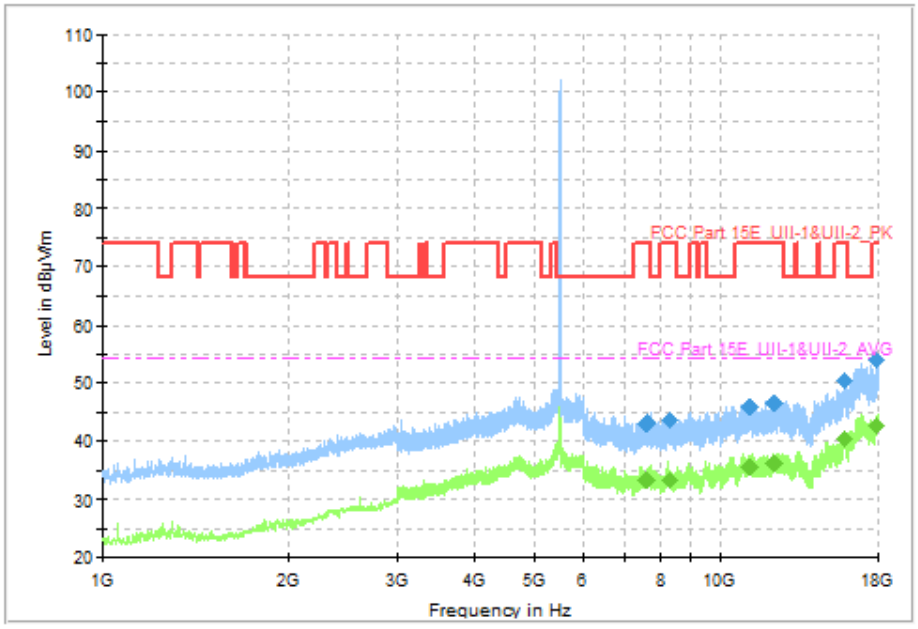

Fig. 46 Transmitter Spurious Emission (802.11n-HT40, CH102 5510MHz)

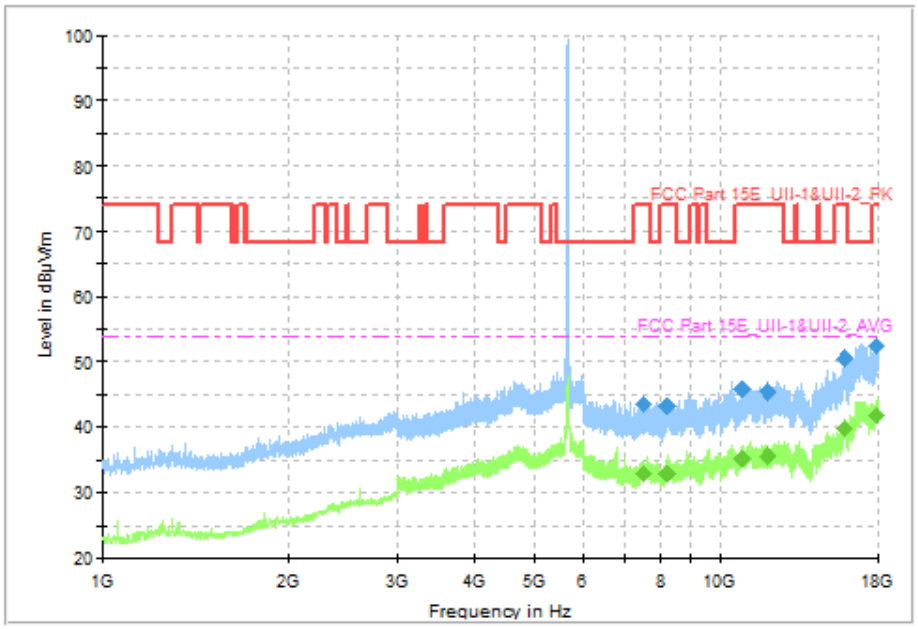

Fig. 47 Transmitter Spurious Emission (802.11n-HT40, CH134 5670MHz)

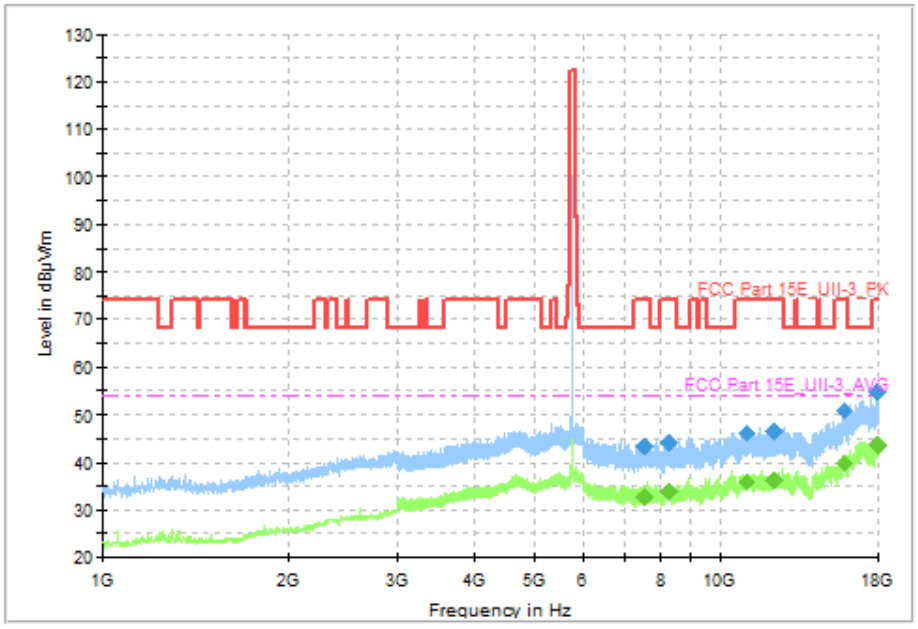

Fig. 48 Transmitter Spurious Emission (802. 11n-HT40, CH151 5755MHz)

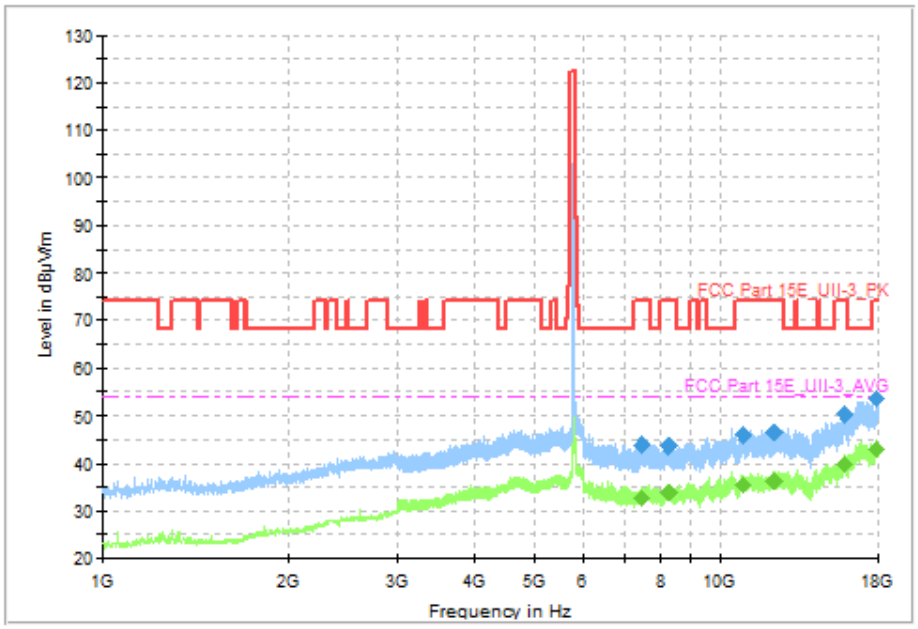

Fig. 49 Transmitter Spurious Emission (802. 11n-HT40, CH159 5795MHz)

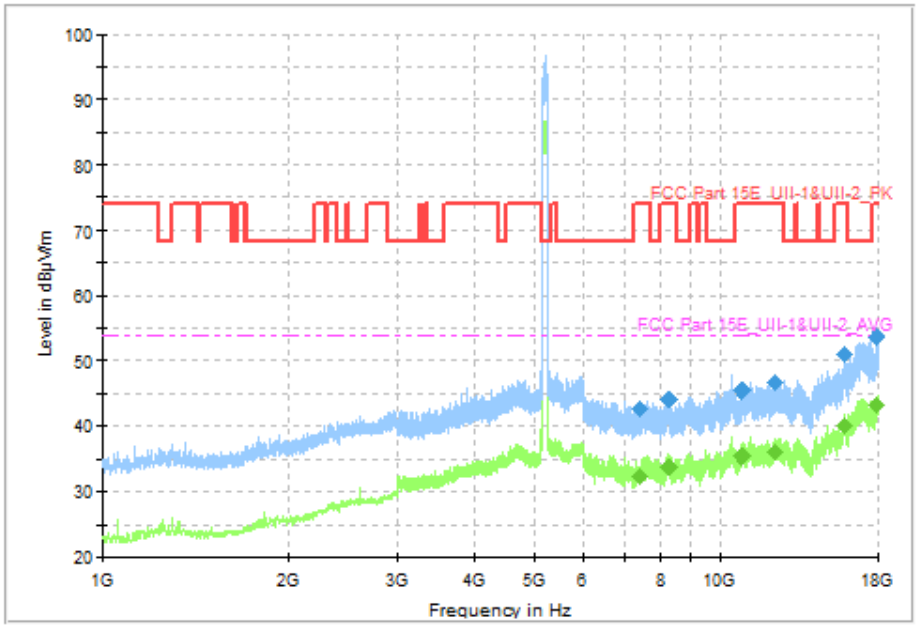

Fig. 50 Transmitter Spurious Emission (802. 11ax-HE80, CH42 5210MHz)

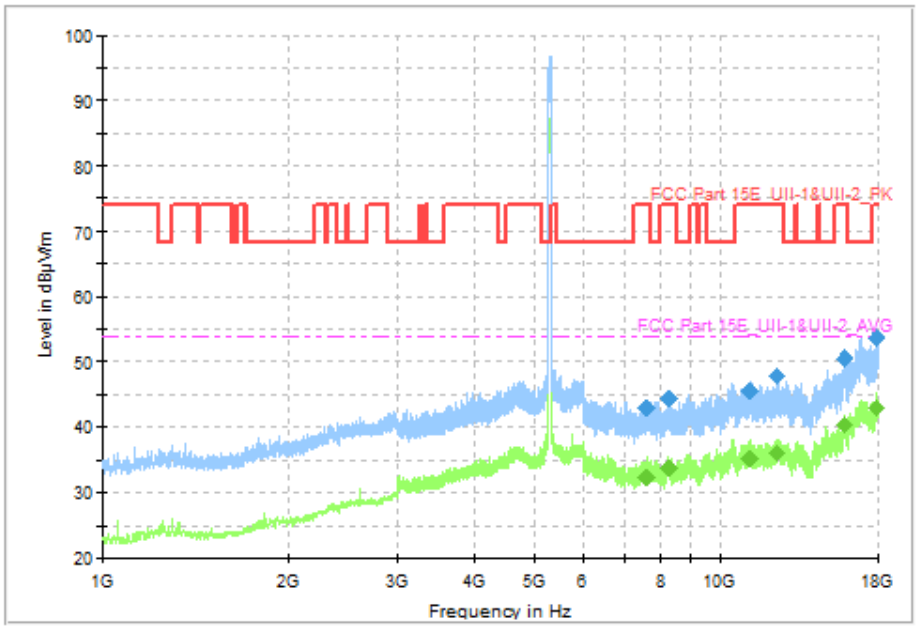

Fig. 51 Transmitter Spurious Emission (802. 11ax-HE80, CH58 5290MHz)

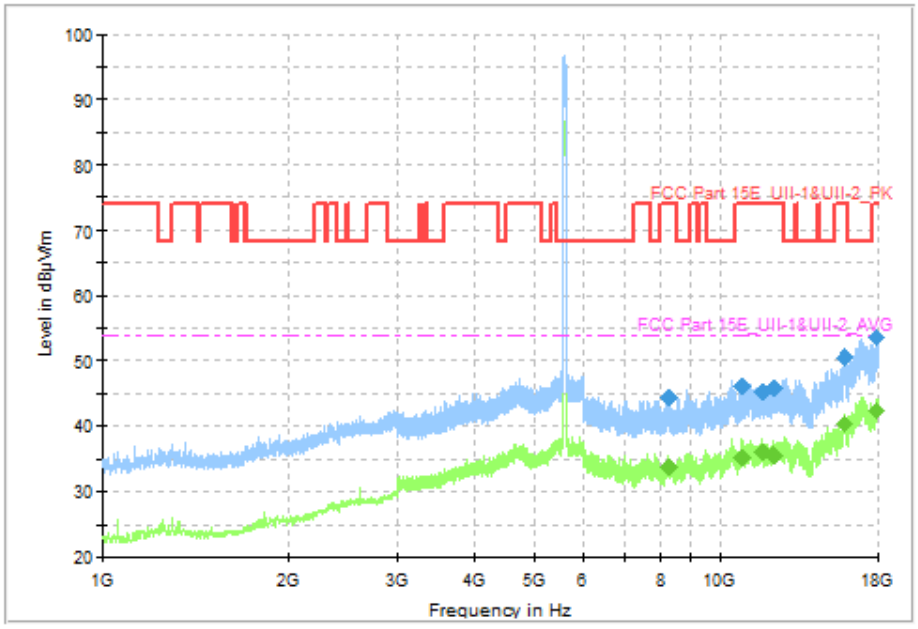

Fig. 52 Transmitter Spurious Emission (802. 11ax-HE80, CH122 5610MHz)

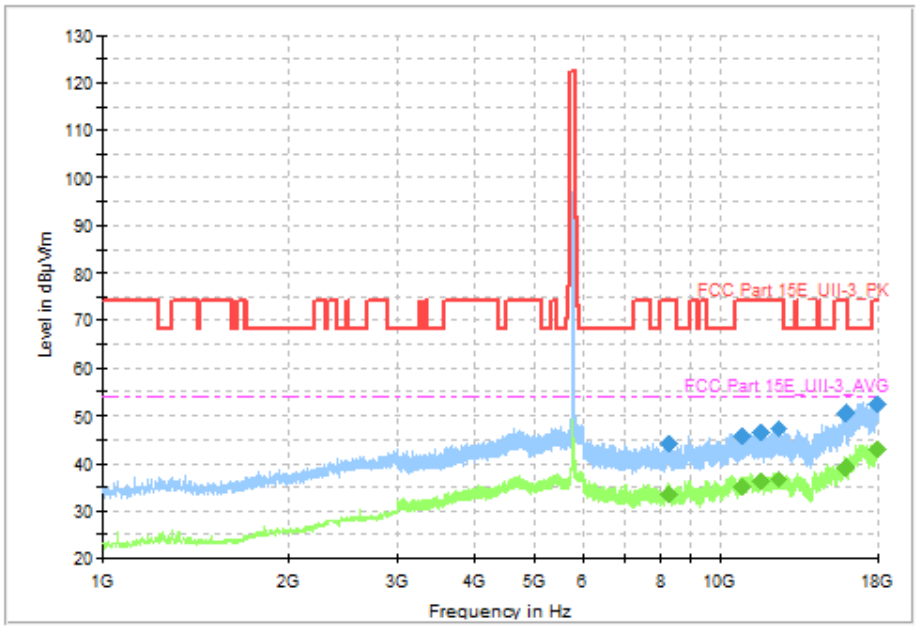

Fig. 53 Transmitter Spurious Emission (802. 11ax-HE80, CH155 5775MHz)

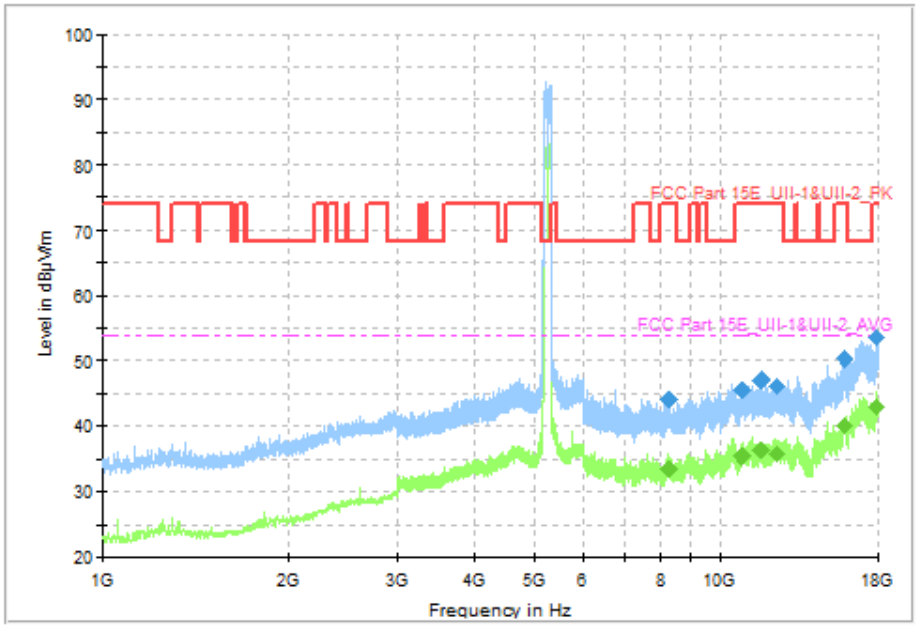

Fig. 54 Transmitter Spurious Emission (802. 11ax-HE160, CH50 5250MHz)

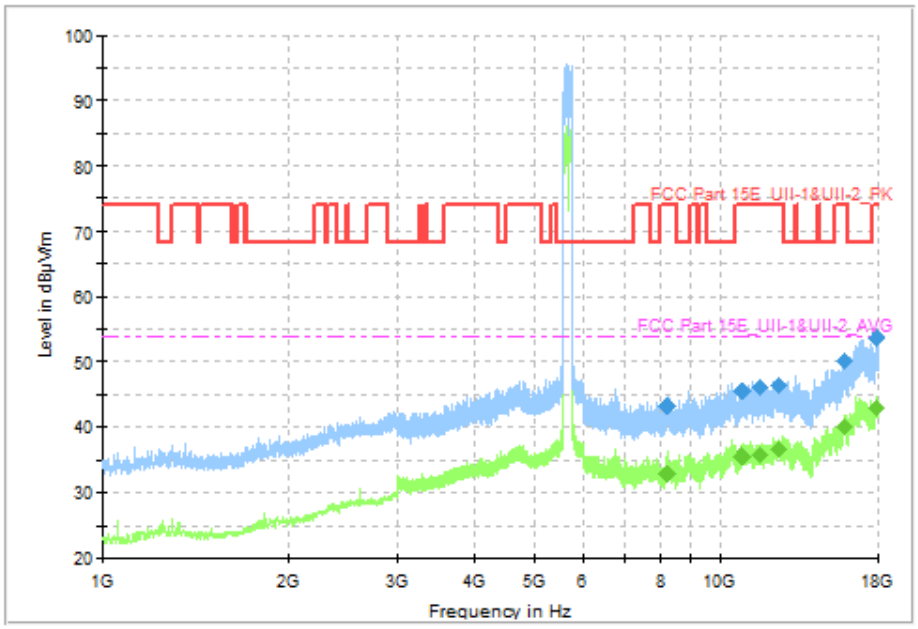

Fig. 55 Transmitter Spurious Emission (802. 11ax-HE160, CH114 5570MHz)

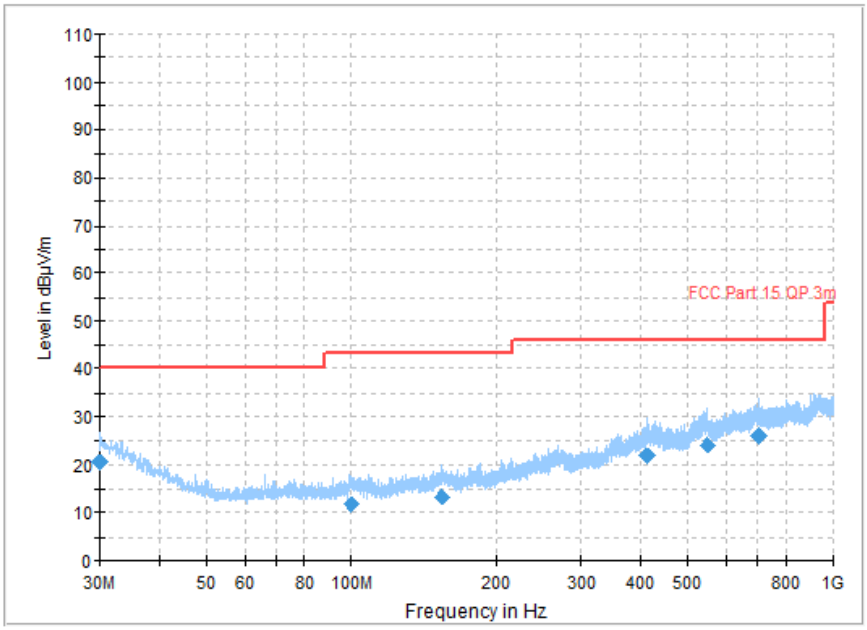

Fig. 56 Transmitter Spurious Emission (All channel, 30MHz~1GHz)

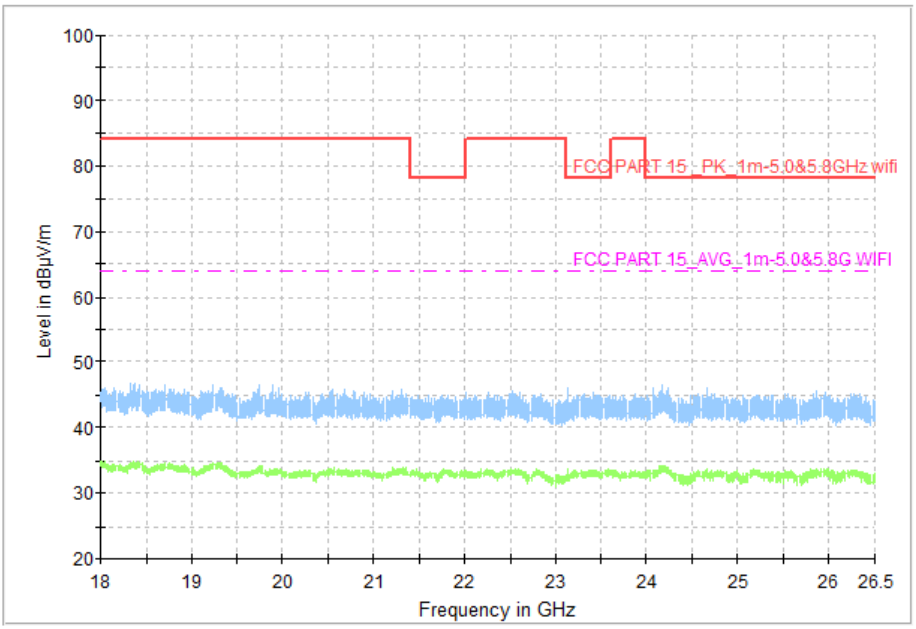

Fig. 57 Transmitter Spurious Emission (All channel, 18GHz~26.5GHz)

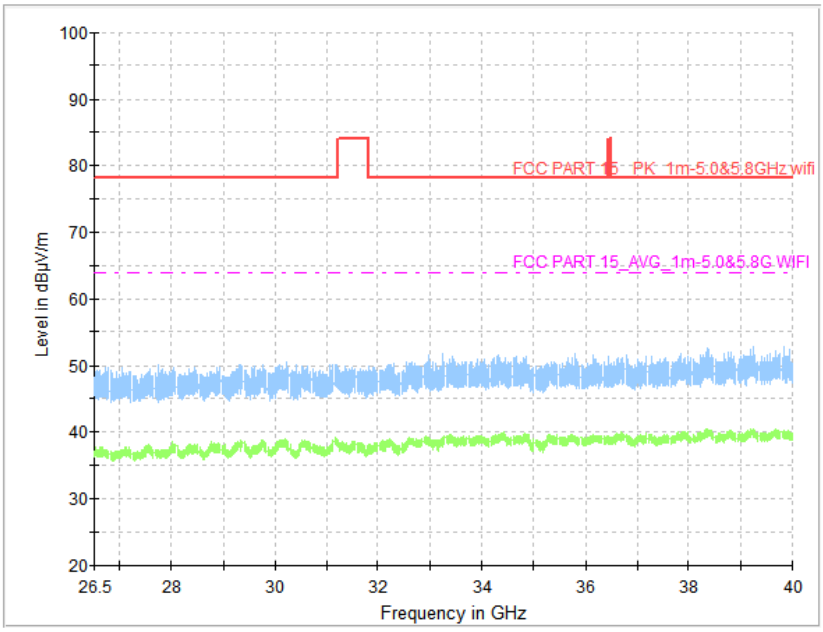

Fig. 58 Transmitter Spurious Emission (All channel, 26.5GHz~40GHz)

A.9. Radiated Spurious Emissions < 30MHz

Method of Measurement: See ANSI C63.10-clause 6.4.

Measurement Limit (15.209, 9kHz-30MHz):

Frequency (MHz)	Field strength (μV/m)	Measurement distance (m)
0.009 - 0.490	2400/F(kHz)	300
0.490 - 1.705	24000/F(kHz)	30
1.705 - 30.0	30	30

Note: The measurement distance during the test is 3m. The limit used in plots recalculated based on the extrapolation factor of 40 dB/decade.

Measurement Result:

SISO:

Channel	Frequency Range	Test Results	Conclusion
All Channel	9kHz ~ 30MHz	Fig.1	**P**

MIMO:

Channel	Frequency Range	Test Results	Conclusion
All Channel	9kHz ~ 30MHz	Fig.2	**P**

Conclusion: PASS

Test graphs as below:

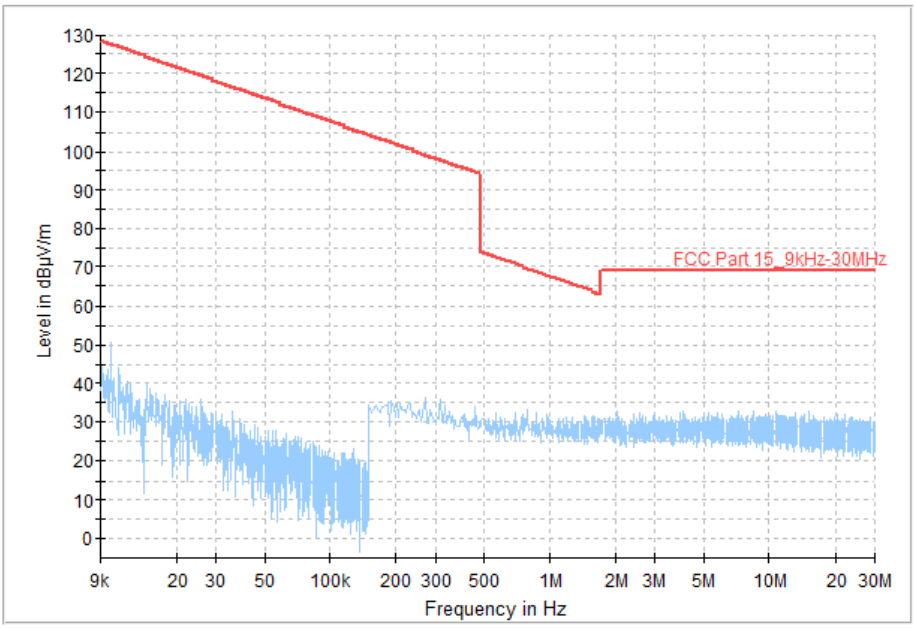

Fig. 59 Radiated Spurious Emission (All Channel, 9kHz ~ 30MHz)

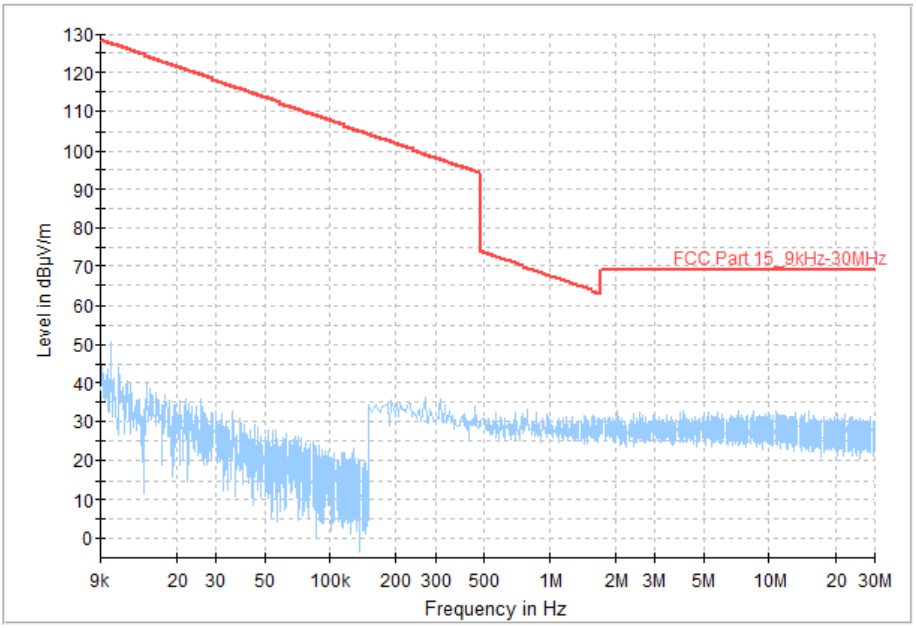

Fig. 60 Radiated Spurious Emission (All Channel, 9kHz ~ 30MHz)

A.10. AC Power Line Conducted Emission

Method of Measurement: See ANSI C63.10-clause 6.2.

Test Condition:

Voltage(V)	Frequency (Hz)
120	60

Measurement Result and limit:

Frequency range (MHz)	Quasi-peak Limit (dBμV)	Average-peak Limit (dBμV)	Result (dBμV)		Conclusion
			Traffic	Idle	
0.15 to 0.5	66 to 56	56 to 46	Fig.1	Fig.2	**P**
0.5 to 5	56	46			
5 to 30	60	50			
NOTE: The limit decreases linearly with the logarithm of the frequency in the range 0.15 MHz to 0.5 MHz.					

Note: The measurement results include the L1 and N measurements.

Conclusion: PASS

Test graphs as below:

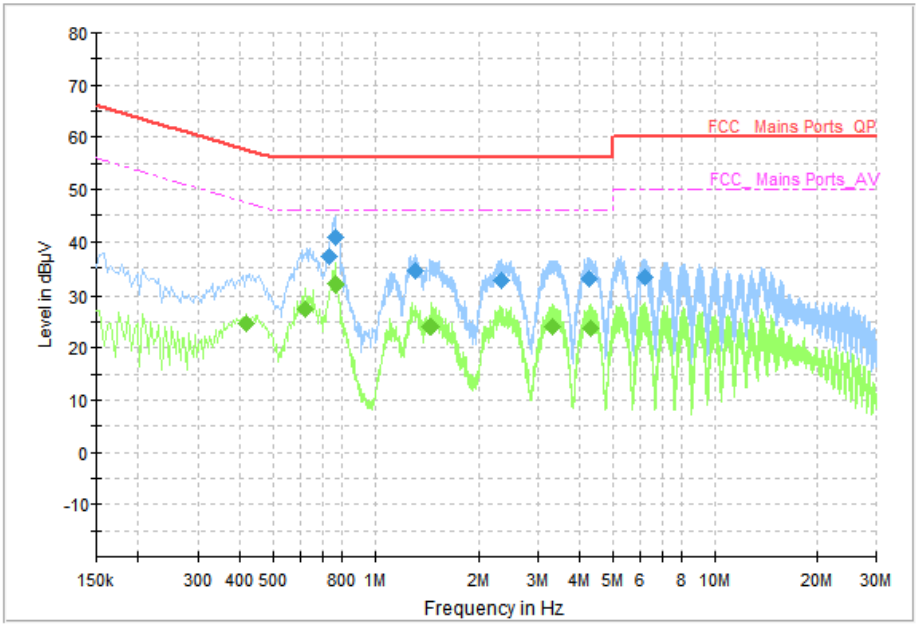

Fig. 1 AC Power line Conducted Emission (Traffic)

Measurement Result: Quasi Peak

Frequency (MHz)	QuasiPeak (dBµV)	Limit (dBµV)	Margin (dB)	Line	Filter	Corr. (dB)
0.734000	37.28	56.00	18.72	L1	ON	10
0.762000	40.83	56.00	15.17	N	ON	10
1.314000	34.38	56.00	21.62	N	ON	10
2.334000	32.58	56.00	23.42	N	ON	10
4.230000	32.92	56.00	23.08	N	ON	10
6.202000	33.08	60.00	26.92	N	ON	10

Measurement Result: Average

Frequency (MHz)	Average (dBµV)	Limit (dBµV)	Margin (dB)	Line	Filter	Corr. (dB)
0.414000	24.54	47.57	23.03	L1	ON	10
0.622000	27.38	46.00	18.62	N	ON	10
0.762000	31.94	46.00	14.06	N	ON	10
1.458000	23.94	46.00	22.06	N	ON	10
3.294000	24.03	46.00	21.97	N	ON	10
4.302000	23.79	46.00	22.21	N	ON	10

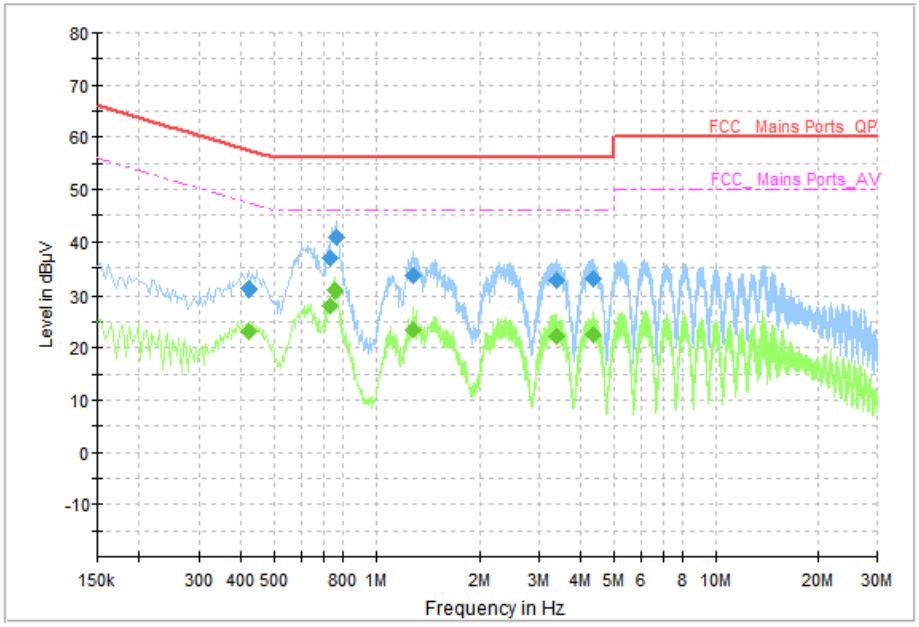

Fig. 2 AC Power line Conducted Emission (Idle)

Measurement Result: Quasi Peak

Frequency (MHz)	QuasiPeak (dBµV)	Limit (dBµV)	Margin (dB)	Line	Filter	Corr. (dB)
0.422000	30.93	57.41	26.48	L1	ON	10
0.730000	36.84	56.00	19.16	N	ON	10
0.762000	41.00	56.00	15.00	N	ON	10
1.294000	33.48	56.00	22.52	N	ON	10
3.370000	32.51	56.00	23.49	N	ON	10
4.342000	32.83	56.00	23.17	N	ON	10

Measurement Result: Average

Frequency (MHz)	Average (dBµV)	Limit (dBµV)	Margin (dB)	Line	Filter	Corr. (dB)
0.422000	23.22	47.41	24.19	L1	ON	10
0.730000	27.90	46.00	18.10	N	ON	10
0.754000	30.85	46.00	15.15	N	ON	10
1.282000	23.34	46.00	22.66	N	ON	10
3.370000	22.35	46.00	23.65	N	ON	10
4.330000	22.55	46.00	23.45	N	ON	10

A.11. Power control

A Transmission Power Control mechanism is not required for systems with an e.i.r.p. of less than 27dBm (500mW).

*** **END OF REPORT** ***