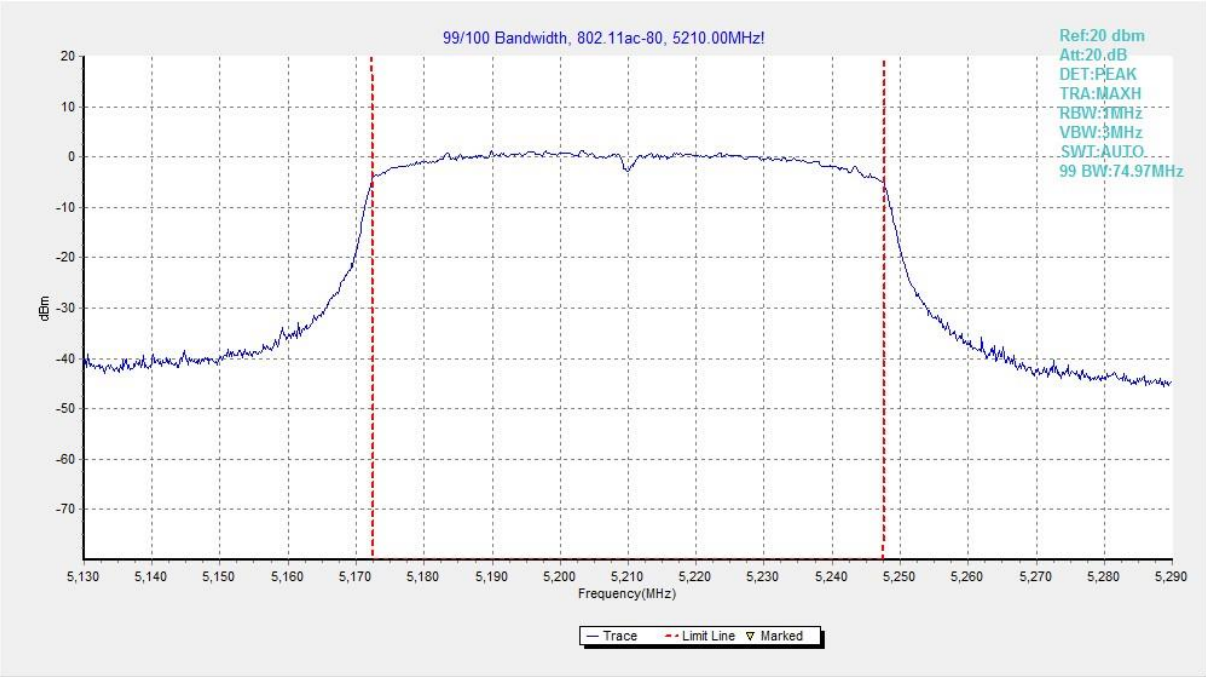

Fig. 43 99% Occupied Bandwidth (802. 11ac-VHT80, 5210MHz)

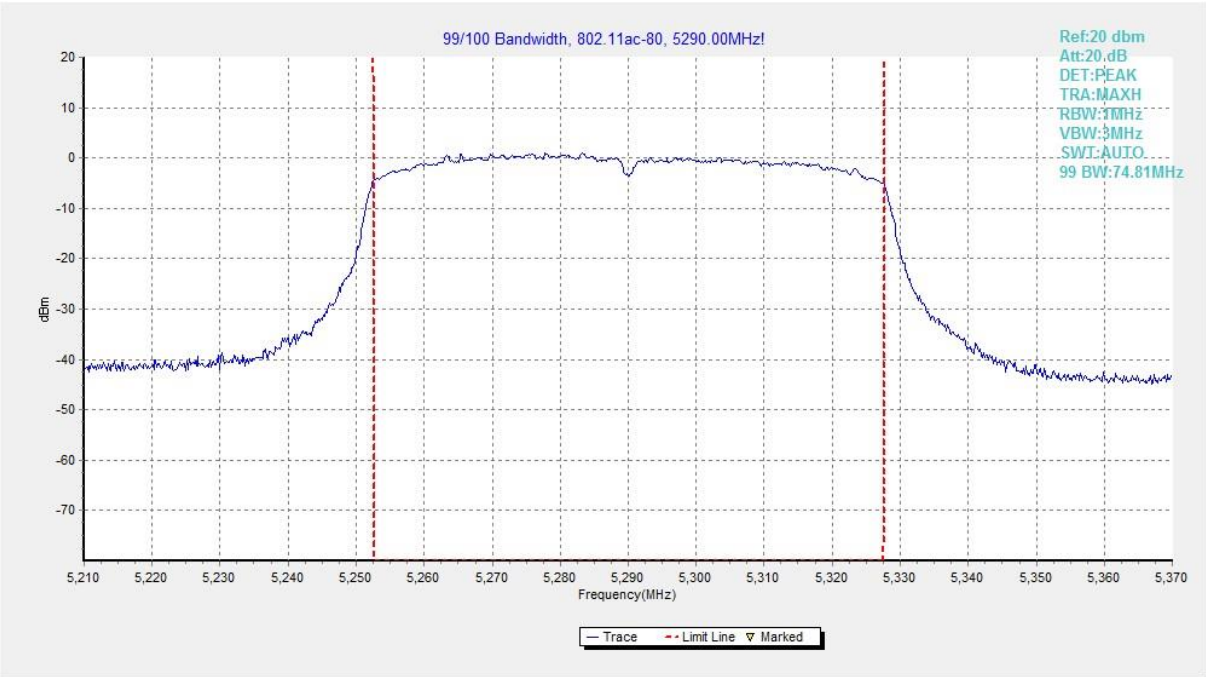

Fig. 44 99% Occupied Bandwidth (802. 11ac-VHT80, 5290MHz)

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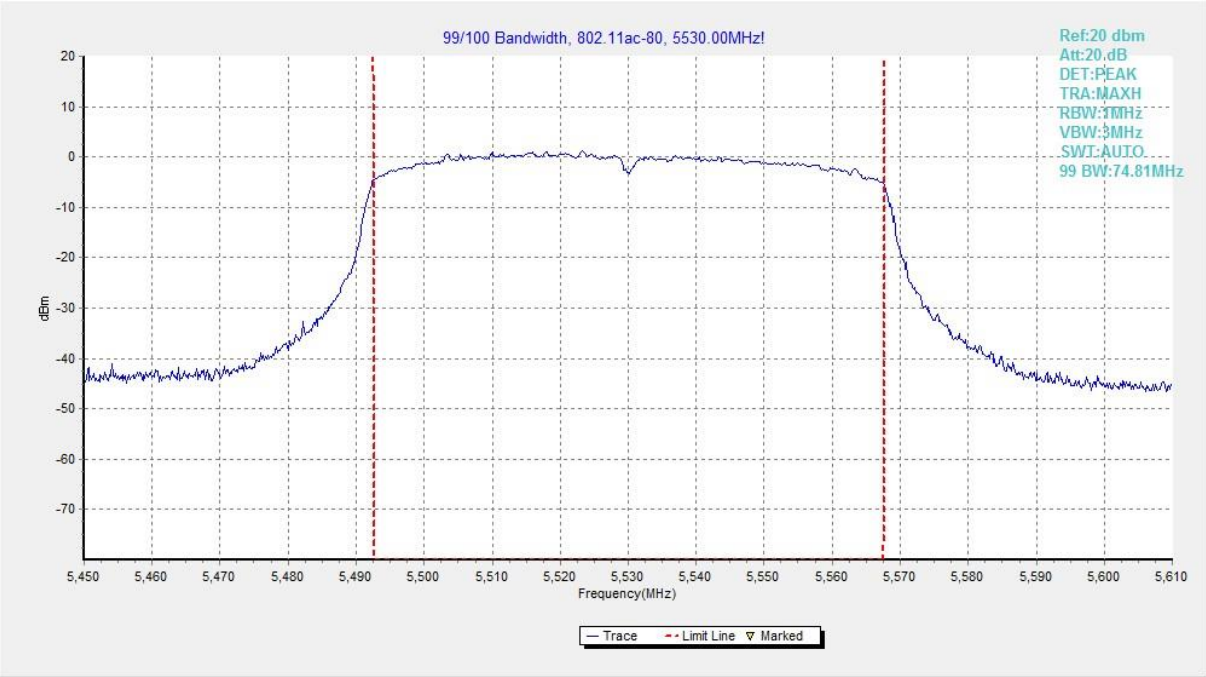

Fig. 45 99% Occupied Bandwidth (802. 11ac-VHT80, 5530MHz)

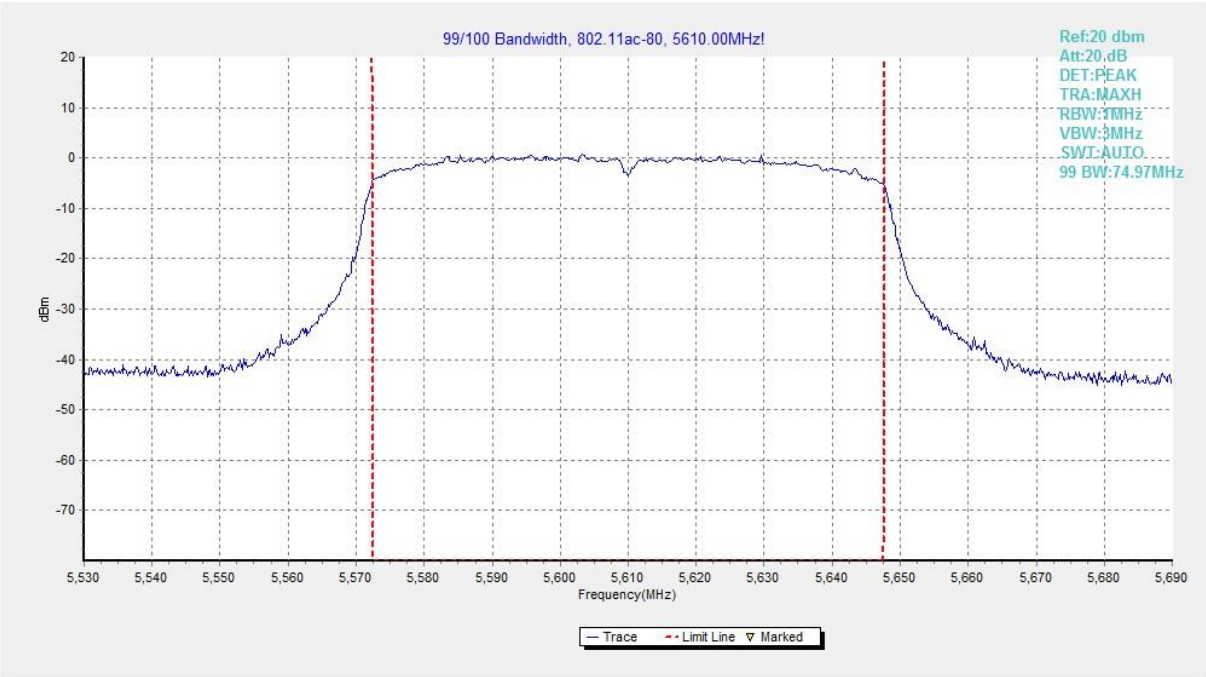

Fig. 46 99% Occupied Bandwidth (802. 11ac-VHT80, 5610MHz)

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A.7. Band Edges Compliance

Measurement Limit:

Standard	Limit (dBuV/m)	
FCC 47 CFR Part 15.209& RSS-247 6.2	Peak	74
	Average	54

The measurement is made according to KDB 789033

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)).

Measurement Result:

Mode	Channel	Test Results	Conclusion
802.11a	5180 MHz(CH36)	Fig.47	**P**
	5320 MHz(CH64)	Fig.48	**P**
	5500 MHz(CH100)	Fig.49	**P**
	5700 MHz(CH140)	Fig.50	**P**
	5745 MHz(CH149)	Fig.51	**P**
	5825 MHz(CH165)	Fig.52	**P**
802.11n-HT40	5190 MHz(CH38)	Fig.53	**P**
	5310 MHz(CH62)	Fig.54	**P**
	5510 MHz(CH102)	Fig.55	**P**
	5670 MHz(CH134)	Fig.56	**P**
	5755 MHz(CH151)	Fig.57	**P**
	5795 MHz(CH159)	Fig.58	**P**
802.11ac-VHT80	5210 MHz(CH42)	Fig.59	**P**
	5290 MHz(CH58)	Fig.60	**P**
	5530 MHz(CH106)	Fig.61	**P**
	5775 MHz(CH155)	Fig.62	**P**

Conclusion: PASS

Test graphs as below:

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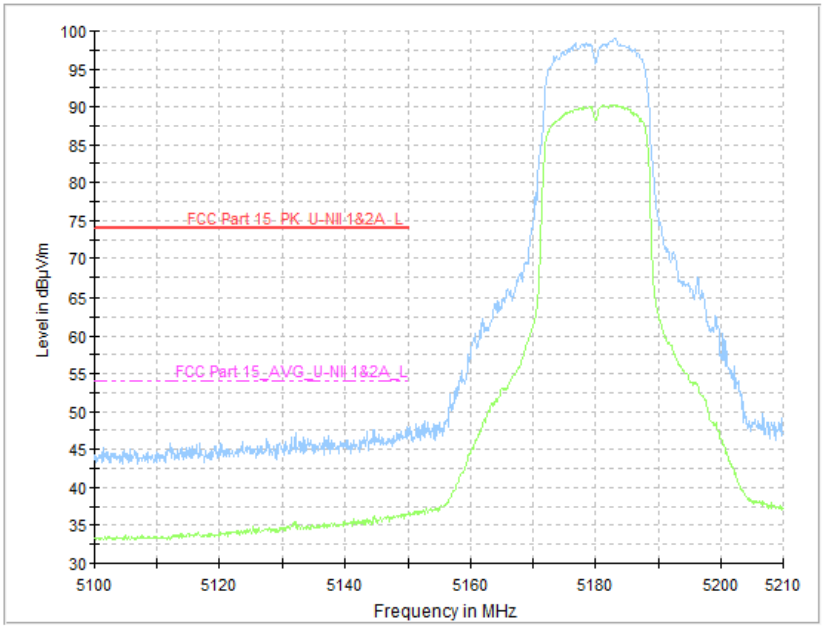

Fig. 47 Band Edges (802.11a, CH36 5180MHz)

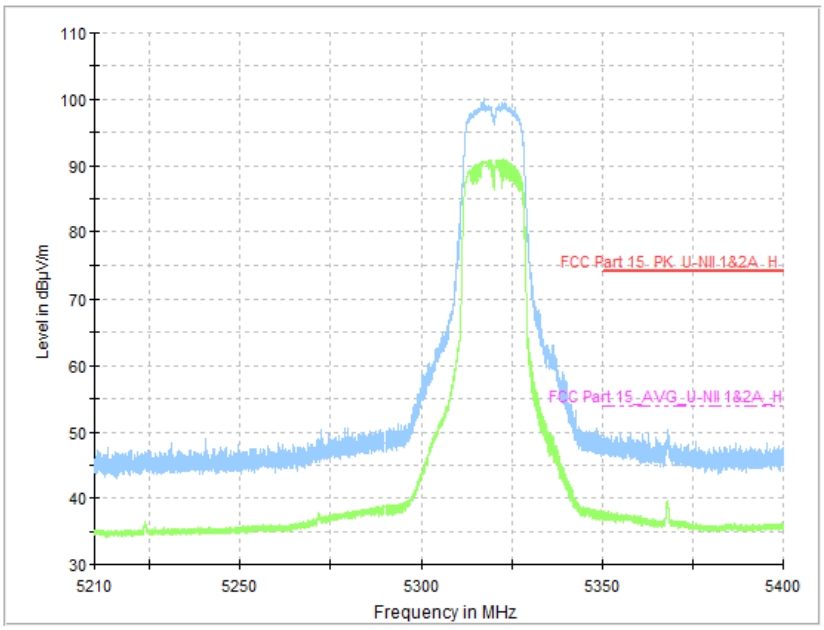

Fig. 48 Band Edges (802.11a, CH64 5320MHz)

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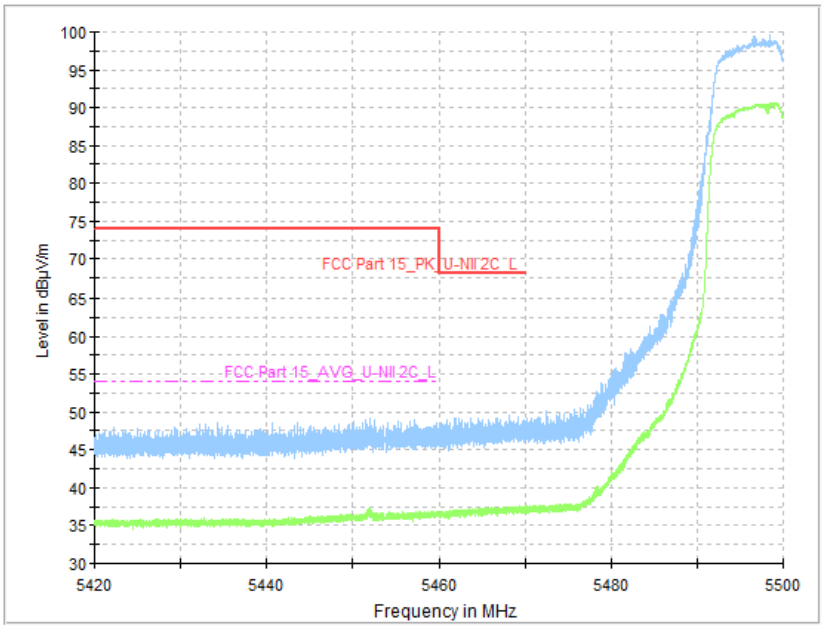

Fig. 49 Band Edges (802.11a, CH100 5500MHz)

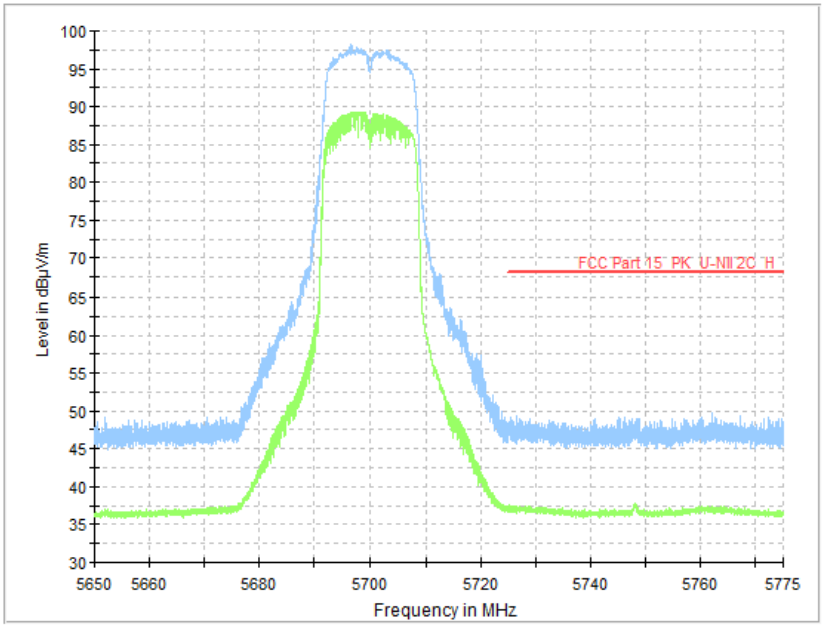

Fig. 50 Band Edges (802.11a, CH140 5700MHz)

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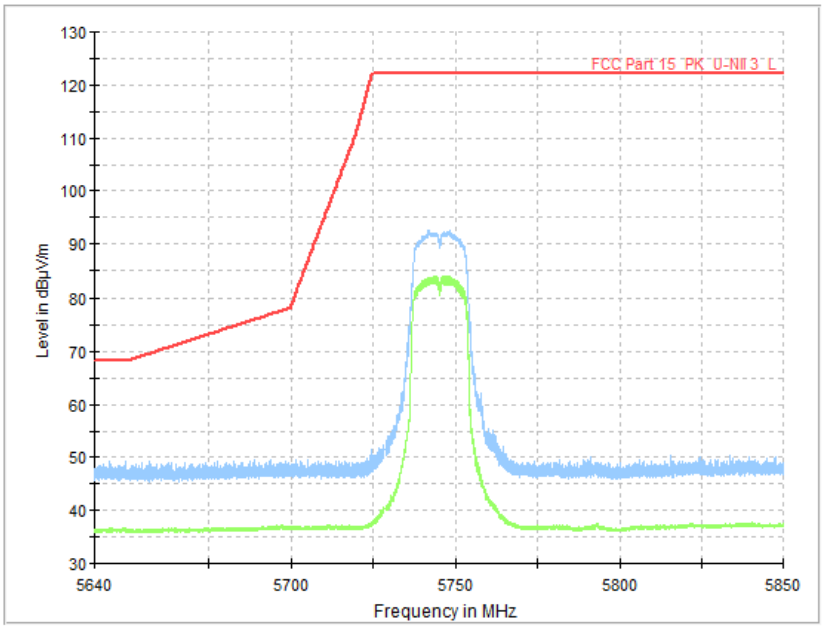

Fig. 51 Band Edges (802.11a, CH149 5745MHz)

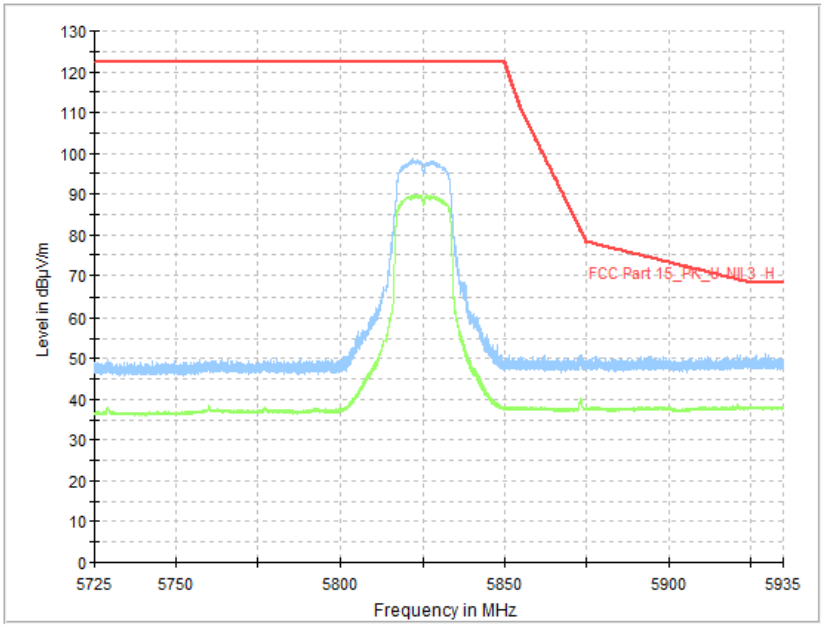

Fig. 52 Band Edges (802.11a, CH165 5825MHz)

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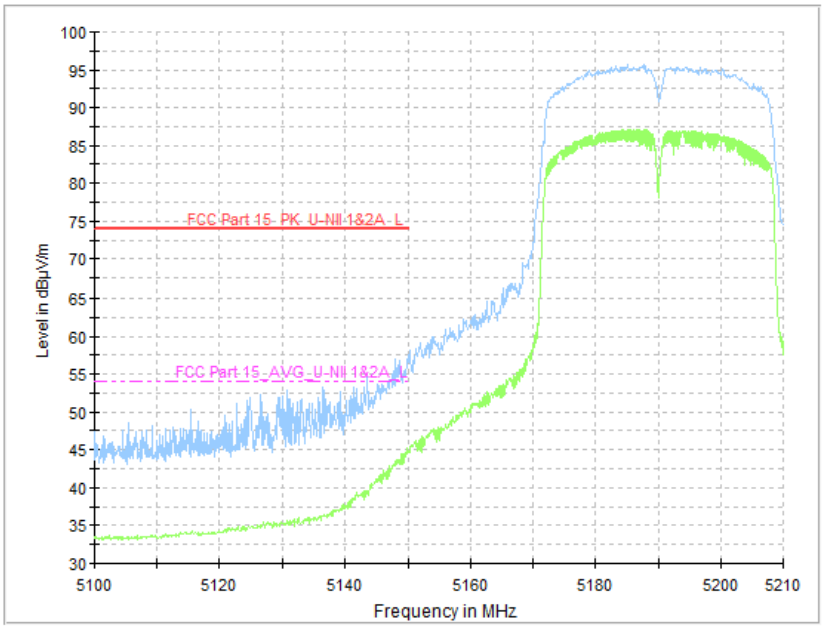

Fig. 53 Band Edges (802.11n-HT40, CH38 5190MHz)

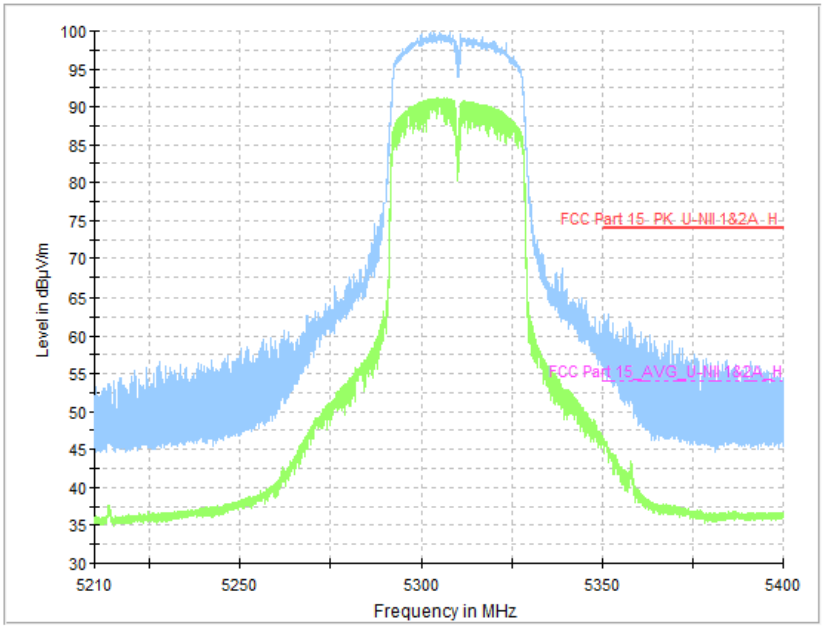

Fig. 54 Band Edges (802.11n-HT40, CH62 5310MHz)

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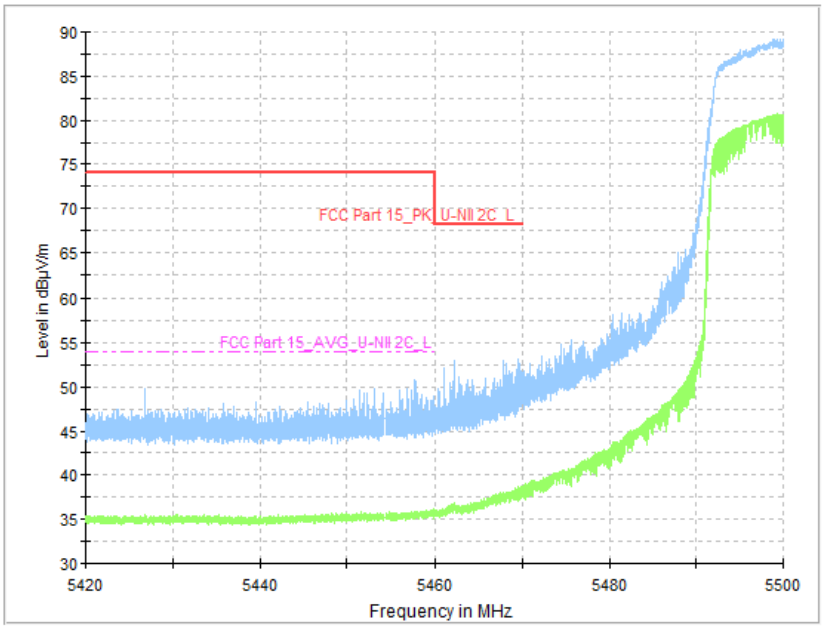

Fig. 55 Band Edges (802.11n-HT40, CH102 5510MHz)

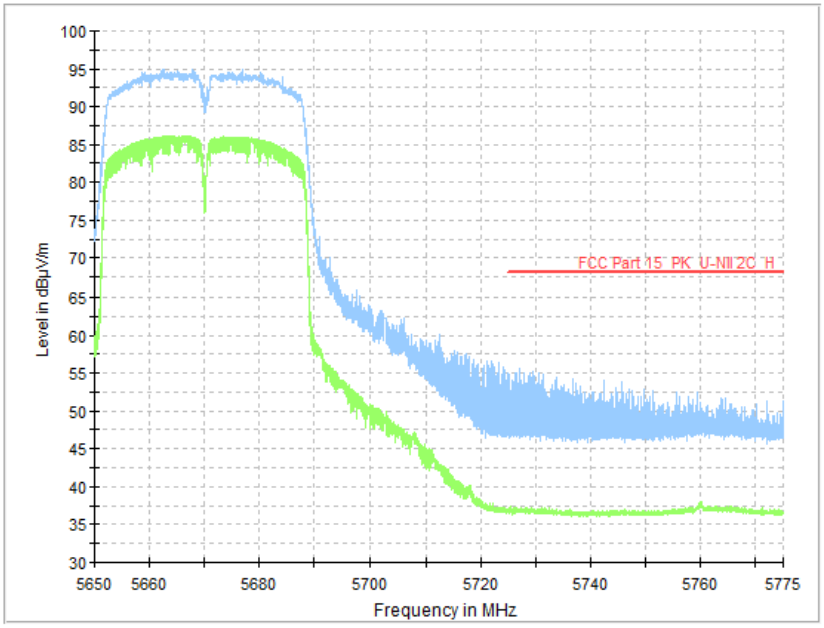

Fig. 56 Band Edges (802.11n-HT40, CH134 5670MHz)

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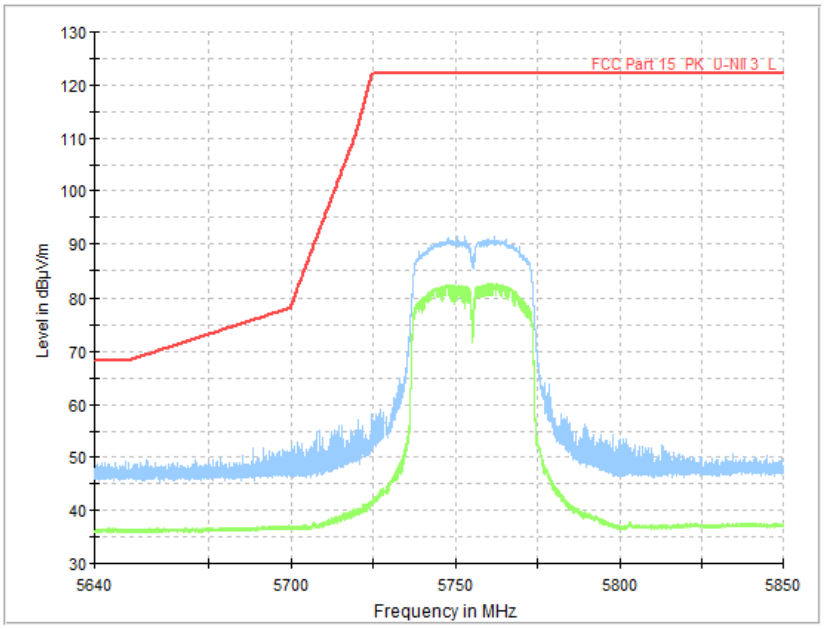

Fig. 57 Band Edges (802.11n-HT40, CH151 5755MHz)

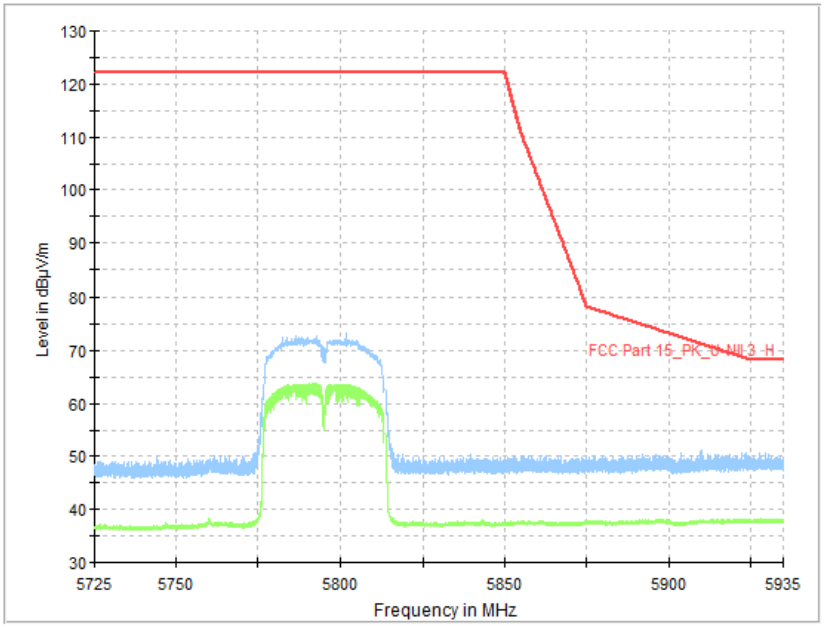

Fig. 58 Band Edges (802.11n-HT40, CH159 5795MHz)

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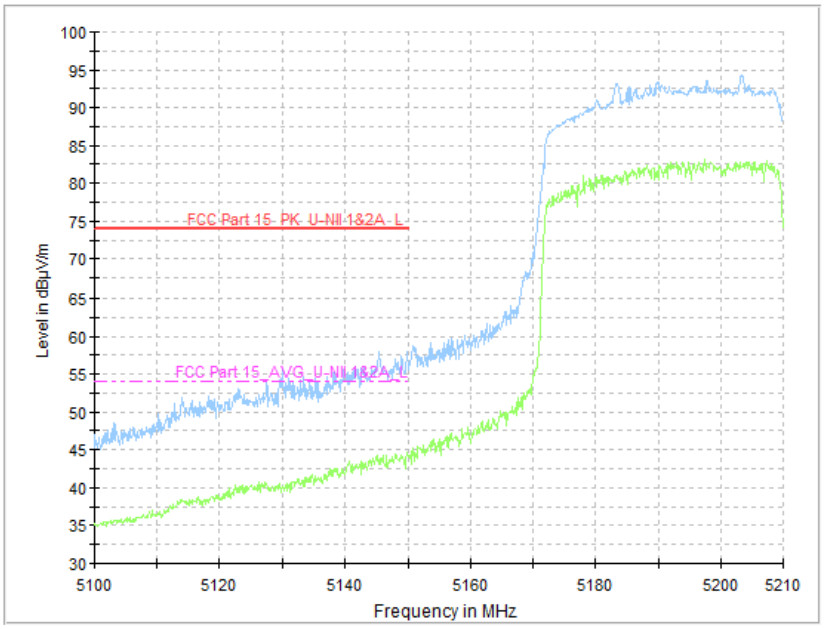

Fig. 59 Band Edges (802.11ac-VHT80, CH42 5210MHz)

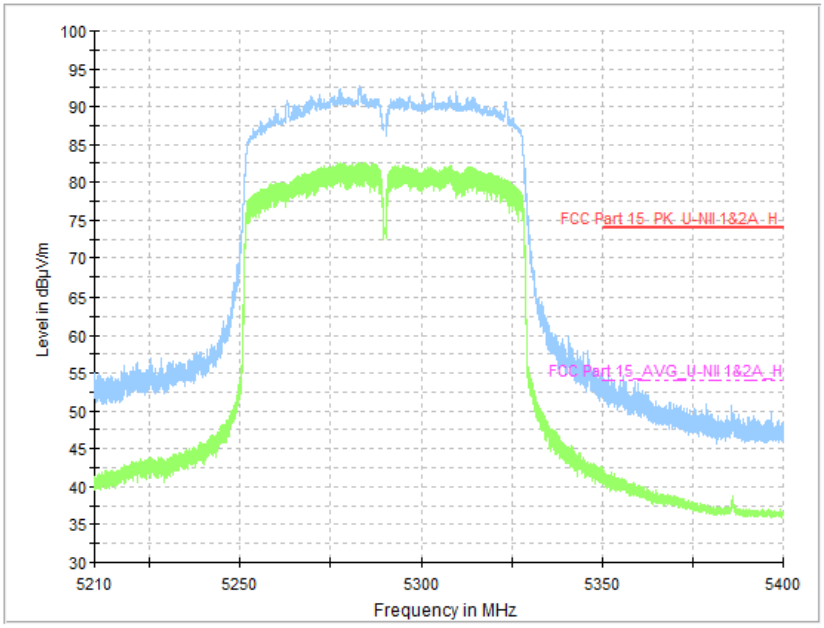

Fig. 60 Band Edges (802.11ac-VHT80, CH58 5290MHz)

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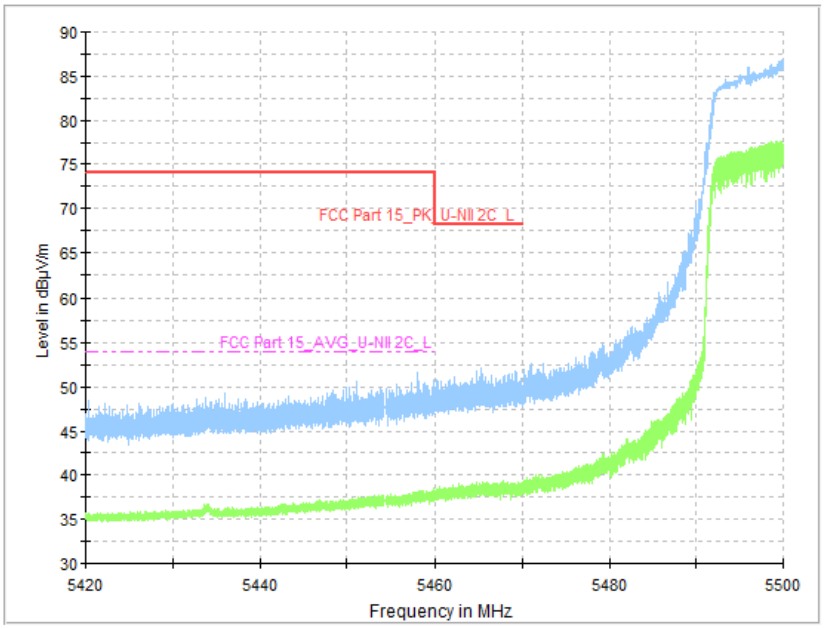

Fig. 61 Band Edges (802.11ac-VHT80, CH106 5530MHz)

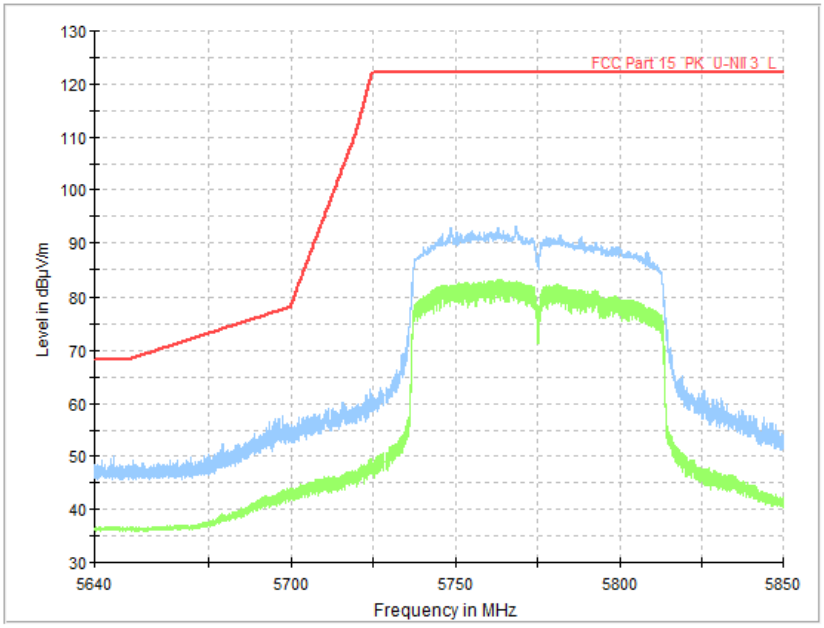

Fig. 62 Band Edges (802.11ac-VHT80, CH155 5775MHz)

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A.8. Transmitter Spurious Emission

Measurement Limit:

Standard	Limit (dBuV/m)	
FCC 47 CFR Part 15.209 & RSS-GEN 8.9	Peak	74
	Average	54

The measurement is made according to KDB 789033.

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.

Measurement Result:

SISO:

Mode	Channel	Frequency Range	Test Results	Conclusion
802.11a	5180MHz(Ch36)	1 GHz ~18 GHz	Fig.63	**P**
	5200MHz(Ch40)	1 GHz ~18 GHz	Fig.64	**P**
	5240MHz(Ch48)	1 GHz ~18 GHz	Fig.65	**P**
	5260MHz(Ch52)	1 GHz ~18 GHz	Fig.66	**P**
	5280MHz(Ch56)	1 GHz ~18 GHz	Fig.67	**P**
	5320MHz(Ch64)	1 GHz ~18 GHz	Fig.68	**P**
	5500MHz(Ch100)	1 GHz ~18 GHz	Fig.69	**P**
	5600MHz(Ch120)	1 GHz ~18 GHz	Fig.70	**P**
	5700MHz(Ch140)	1 GHz ~18 GHz	Fig.71	**P**
	5745MHz(Ch149)	1 GHz ~18 GHz	Fig.72	**P**
	5785MHz(Ch157)	1 GHz ~18 GHz	Fig.73	**P**
	5825MHz(Ch165)	1 GHz ~18 GHz	Fig.74	**P**
802.11n-HT40	5190MHz(Ch38)	1 GHz ~18 GHz	Fig.75	**P**
	5230MHz(Ch46)	1 GHz ~18 GHz	Fig.76	**P**
	5270MHz(Ch54)	1 GHz ~18 GHz	Fig.77	**P**
	5310MHz(Ch62)	1 GHz ~18 GHz	Fig.78	**P**
	5510MHz(Ch102)	1 GHz ~18 GHz	Fig.79	**P**
	5580MHz(Ch118)	1 GHz ~18 GHz	Fig.80	**P**
	5670MHz(Ch134)	1 GHz ~18 GHz	Fig.81	**P**
	5755MHz(Ch151)	1 GHz ~18 GHz	Fig.82	**P**

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	5795MHz(Ch159)	1 GHz ~18 GHz	Fig.83	**P**
802.11a-VHT80	5210MHz(Ch42)	1 GHz ~18 GHz	Fig.84	**P**
	5290MHz(Ch58)	1 GHz ~18 GHz	Fig.85	**P**
	5530MHz(Ch106)	1 GHz ~18 GHz	Fig.86	**P**
	5610MHz(Ch122)	1 GHz ~18 GHz	Fig.87	**P**
	5775MHz(Ch155)	1 GHz ~18 GHz	Fig.88	**P**
All channels		30 MHz ~1 GHz	Fig.89	**P**
		18 GHz ~26.5 GHz	Fig.90	**P**
		26.5GHz~40GHz	Fig.91	**P**

MIMO:

Mode	Channel	Frequency Range	Test Results	Conclusion
802.11n-HT20	5180MHz(Ch36)	1 GHz ~18 GHz	Fig.92	**P**
	5200MHz(Ch40)	1 GHz ~18 GHz	Fig.93	**P**
	5240MHz(Ch48)	1 GHz ~18 GHz	Fig.94	**P**
	5260MHz(Ch52)	1 GHz ~18 GHz	Fig.95	**P**
	5280MHz(Ch56)	1 GHz ~18 GHz	Fig.96	**P**
	5320MHz(Ch64)	1 GHz ~18 GHz	Fig.97	**P**
	5500MHz(Ch100)	1 GHz ~18 GHz	Fig.98	**P**
	5600MHz(Ch120)	1 GHz ~18 GHz	Fig.99	**P**
	5700MHz(Ch140)	1 GHz ~18 GHz	Fig.100	**P**
	5745MHz(Ch149)	1 GHz ~18 GHz	Fig.101	**P**
	5785MHz(Ch157)	1 GHz ~18 GHz	Fig.102	**P**
	5825MHz(Ch165)	1 GHz ~18 GHz	Fig.103	**P**
802.11n-HT40	5190MHz(Ch38)	1 GHz ~18 GHz	Fig.104	**P**
	5230MHz(Ch46)	1 GHz ~18 GHz	Fig.105	**P**
	5270MHz(Ch54)	1 GHz ~18 GHz	Fig.106	**P**
	5310MHz(Ch62)	1 GHz ~18 GHz	Fig.107	**P**
	5510MHz(Ch102)	1 GHz ~18 GHz	Fig.108	**P**
	5580MHz(Ch118)	1 GHz ~18 GHz	Fig.109	**P**
	5670MHz(Ch134)	1 GHz ~18 GHz	Fig.110	**P**
	5755MHz(Ch151)	1 GHz ~18 GHz	Fig.111	**P**
	5795MHz(Ch159)	1 GHz ~18 GHz	Fig.112	**P**
802.11a-VHT80	5210MHz(Ch42)	1 GHz ~18 GHz	Fig.113	**P**
	5290MHz(Ch58)	1 GHz ~18 GHz	Fig.114	**P**
	5530MHz(Ch106)	1 GHz ~18 GHz	Fig.115	**P**
	5610MHz(Ch122)	1 GHz ~18 GHz	Fig.116	**P**
	5775MHz(Ch155)	1 GHz ~18 GHz	Fig.117	**P**
All channels		30 MHz ~1 GHz	Fig.118	**P**
		18 GHz ~26.5 GHz	Fig.119	**P**
		26.5GHz~40GHz	Fig.120	**P**

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Worst Case Result

SISO:

802.11a CH36

Frequency (MHz)	Max Peak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Pol	Corr. (dB)
13420.000000	55.09	68.20	13.11	V	17
14600.750000	56.72	68.20	11.48	V	18
15251.500000	56.01	68.20	12.19	H	19
16231.500000	59.07	68.20	9.13	H	21
16575.000000	59.49	68.20	8.71	H	22
17690.250000	59.85	68.20	8.35	V	23

Frequency (MHz)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Pol	Corr. (dB)
14019.250000	42.95	54.00	11.05	H	17
14576.000000	44.06	54.00	9.94	V	18
15566.250000	45.77	54.00	8.23	H	20
16262.750000	46.69	54.00	7.31	V	21
16998.250000	47.07	54.00	6.93	V	23
17899.000000	47.18	54.00	6.82	V	24

802.11n HT40 CH38

Frequency (MHz)	Max Peak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Pol	Corr. (dB)
12936.750000	55.05	68.20	13.15	V	17
14140.500000	54.84	68.20	13.36	V	17
15202.250000	55.88	68.20	12.32	V	19
16296.500000	57.04	68.20	11.16	H	21
17016.000000	59.60	68.20	8.60	V	23
17345.750000	57.82	68.20	10.38	V	22

Frequency (MHz)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Pol	Corr. (dB)
13961.750000	42.53	54.00	11.47	H	17
14562.250000	43.51	54.00	10.49	V	18
15573.500000	44.59	54.00	9.41	V	20
15673.750000	45.81	54.00	8.19	H	20
17018.000000	46.53	54.00	7.47	V	23
17693.250000	45.74	54.00	8.26	V	23

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802.11ac VHT80 CH42

Frequency (MHz)	Max Peak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Pol	Corr. (dB)
13228.750000	54.81	68.20	13.39	H	17
13774.000000	55.40	68.20	12.80	H	17
15249.750000	56.19	68.20	12.01	H	19
16228.750000	58.11	68.20	10.09	H	21
17023.500000	59.25	68.20	8.95	V	23
17220.500000	57.99	68.20	10.21	H	22

Frequency (MHz)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Pol	Corr. (dB)
13952.750000	42.67	54.00	11.33	V	17
14562.250000	43.75	54.00	10.25	H	18
15576.000000	44.99	54.00	9.01	H	20
15670.500000	45.96	54.00	8.04	V	20
17023.500000	46.84	54.00	7.16	V	23
17896.250000	45.93	54.00	8.07	V	24

MIMO:

802.11n HT20 CH36

Frequency (MHz)	Max Peak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Pol	Corr. (dB)
14014.250000	55.39	68.20	12.81	H	17
14531.500000	56.31	68.20	11.89	V	18
15144.750000	56.70	68.20	11.50	H	18
16229.500000	58.09	68.20	10.11	V	21
16680.000000	59.27	68.20	8.93	H	22
17687.250000	58.76	68.20	9.44	V	23

Frequency (MHz)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Pol	Corr. (dB)
13950.000000	42.80	54.00	11.20	H	17
14561.500000	43.77	54.00	10.23	H	18
15570.000000	45.11	54.00	8.89	V	20
16279.000000	46.18	54.00	7.82	V	21
17017.500000	46.84	54.00	7.16	H	23
17461.000000	46.37	54.00	7.63	H	22

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802.11n HT40 CH38

Frequency (MHz)	Max Peak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Pol	Corr. (dB)
13408.750000	55.37	68.20	12.83	H	17
13953.250000	55.69	68.20	12.51	H	17
14590.250000	56.74	68.20	11.46	V	18
15023.000000	56.01	68.20	12.19	H	18
16229.250000	58.44	68.20	9.76	V	21
16973.750000	59.81	68.20	8.39	H	23

Frequency (MHz)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Pol	Corr. (dB)
14018.250000	42.88	54.00	11.12	V	17
14562.250000	43.83	54.00	10.17	V	18
15570.000000	45.18	54.00	8.82	V	20
15664.250000	46.19	54.00	7.81	V	20
17050.250000	46.89	54.00	7.11	H	22
17700.250000	46.34	54.00	7.66	H	23

802.11ac VHT80 CH42

Frequency (MHz)	Max Peak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Pol	Corr. (dB)
13222.250000	54.90	68.20	13.30	V	17
14665.000000	56.09	68.20	12.11	H	18
15157.250000	56.99	68.20	11.21	H	18
16276.250000	57.81	68.20	10.39	V	21
17042.250000	59.32	68.20	8.88	H	22
17234.500000	58.07	68.20	10.13	V	22

Frequency (MHz)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Pol	Corr. (dB)
13952.500000	42.67	54.00	11.33	V	17
14561.750000	43.62	54.00	10.38	H	18
15576.000000	44.92	54.00	9.08	H	20
15667.750000	45.94	54.00	8.06	V	20
17056.500000	46.68	54.00	7.32	H	22
17895.000000	46.07	54.00	7.93	H	24

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

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Conclusion: PASS

Test graphs as below:

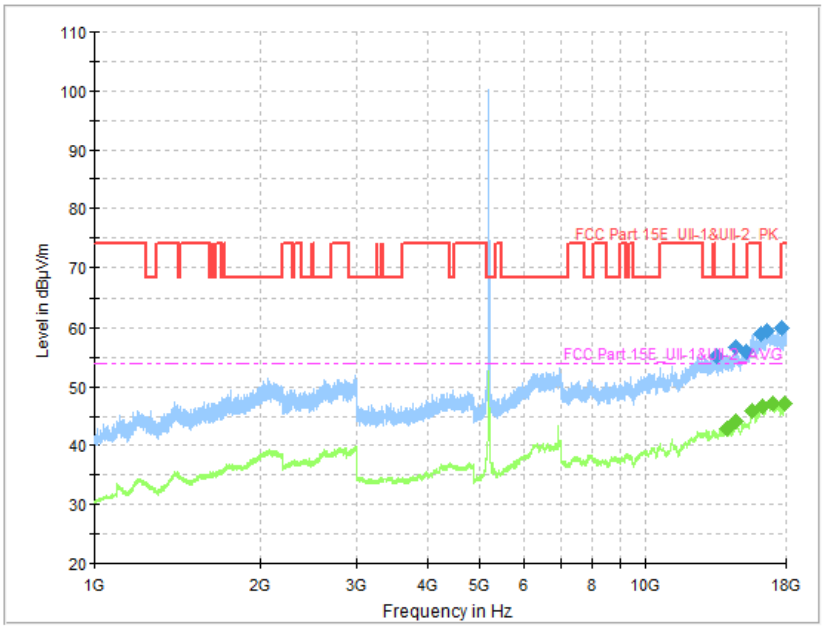

Fig. 63 Transmitter Spurious Emission (802.11a, CH36 5180MHz, 1 GHz-18 GHz)

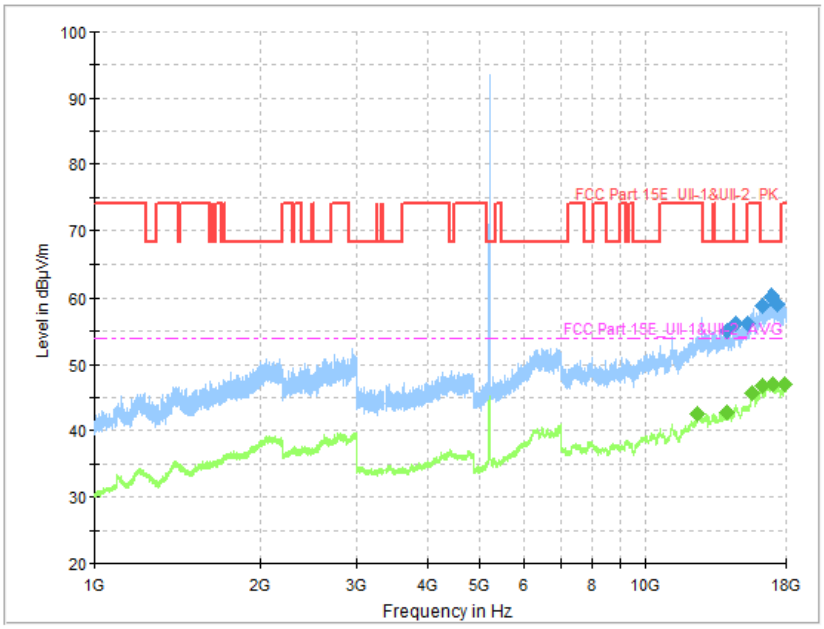

Fig. 64 Transmitter Spurious Emission (802.11a, CH40 5200MHz, 1 GHz-18 GHz)

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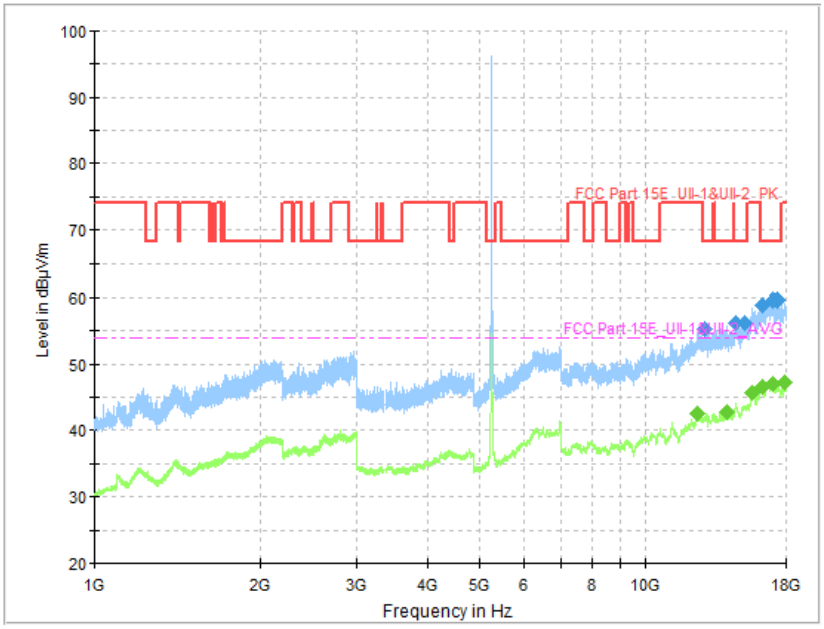

Fig. 65 Transmitter Spurious Emission (802.11a, CH48 5240MHz, 1 GHz-18 GHz)

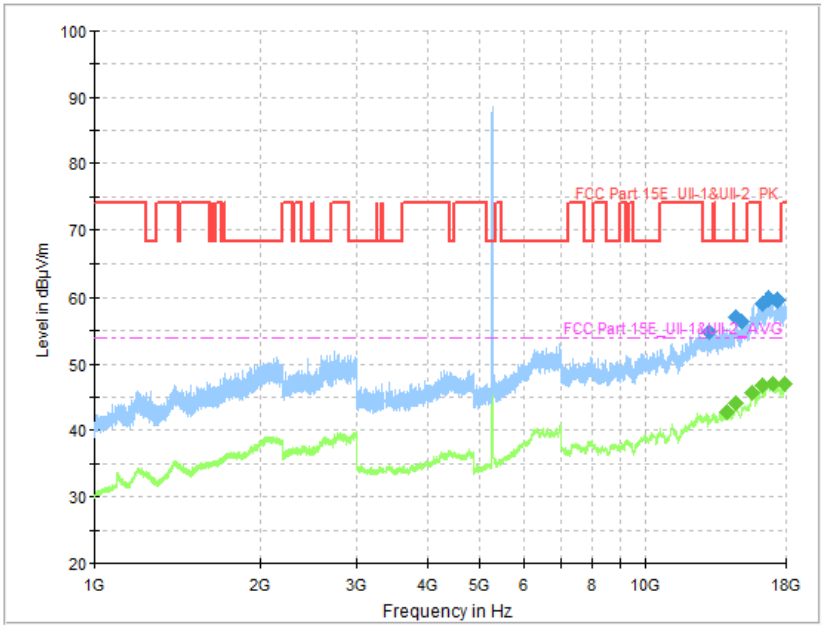

Fig. 66 Transmitter Spurious Emission (802.11a, CH52 5260MHz, 1 GHz-18 GHz)

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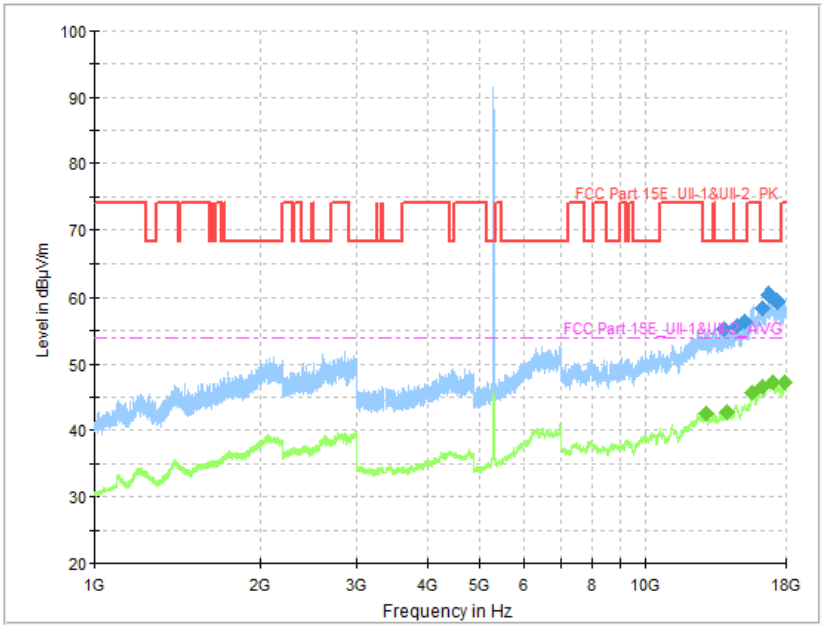

Fig. 67 Transmitter Spurious Emission (802.11a, CH56 5280MHz, 1 GHz-18 GHz)

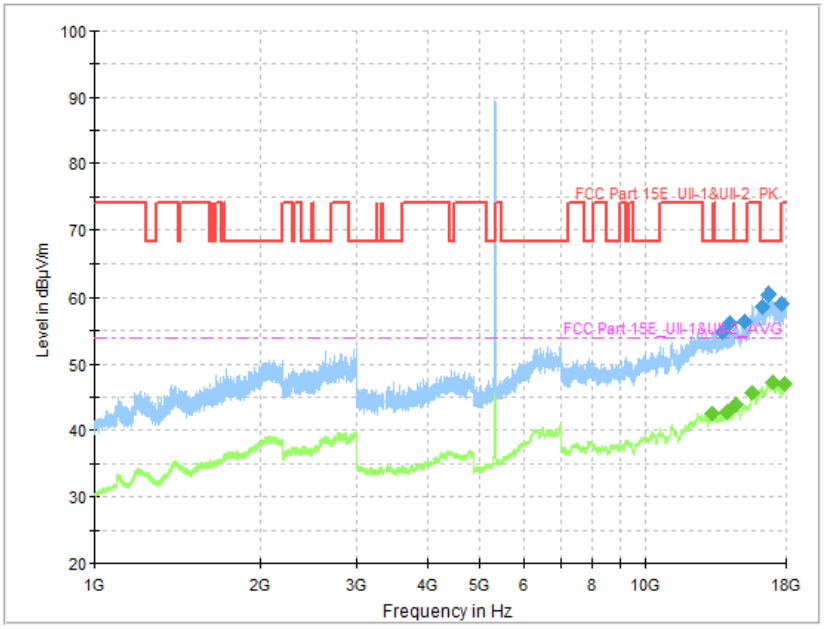

Fig. 68 Transmitter Spurious Emission (802.11a, CH64 5320MHz, 1 GHz-18 GHz)

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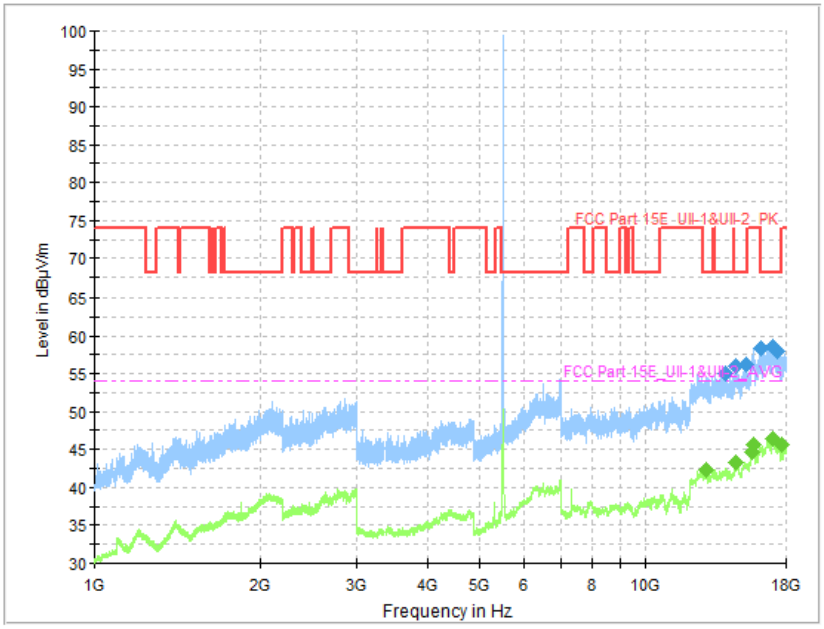

Fig. 69 Transmitter Spurious Emission (802. 11a, CH100 5500MHz, 1 GHz-18 GHz)

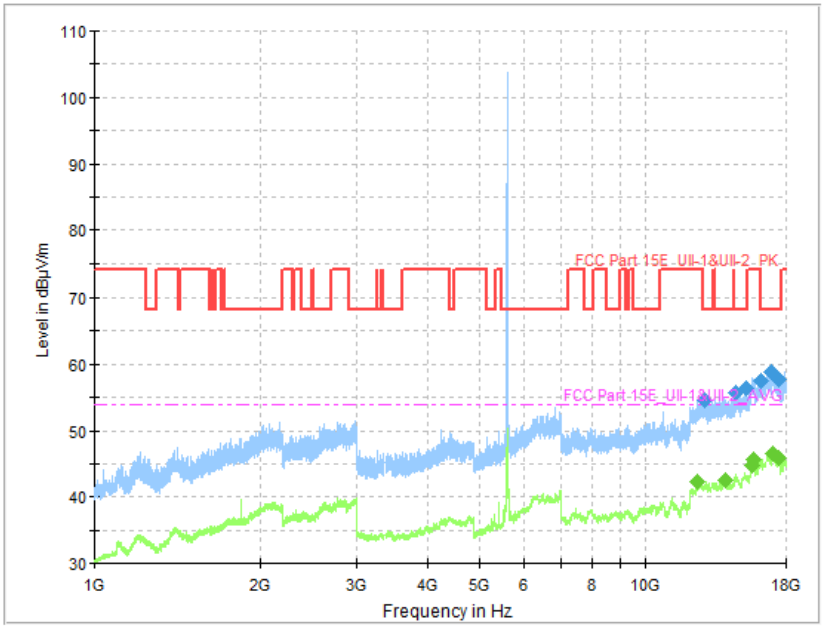

Fig. 70 Transmitter Spurious Emission (802. 11a, CH120 5600MHz, 1 GHz-18 GHz)

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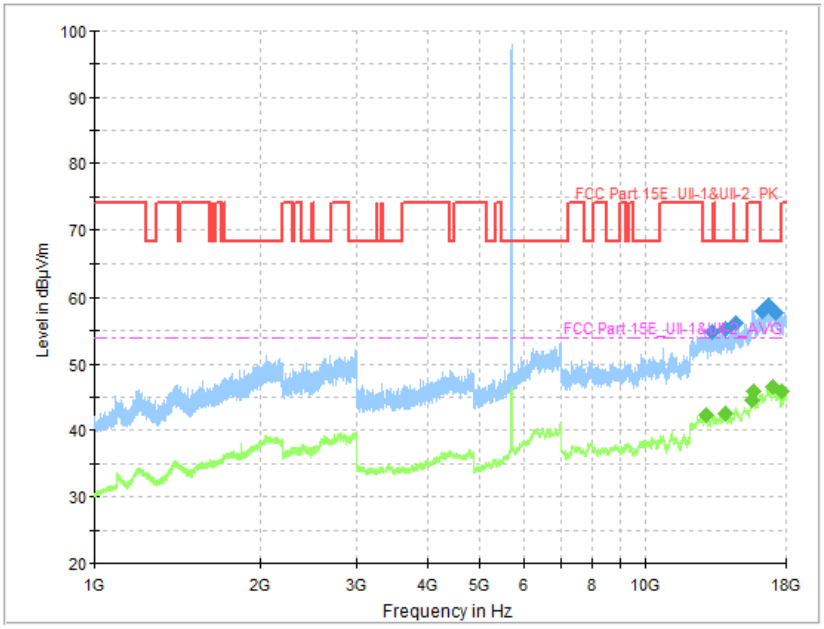

Fig. 71 Transmitter Spurious Emission (802. 11a, CH140 5700MHz, 1 GHz-18 GHz)

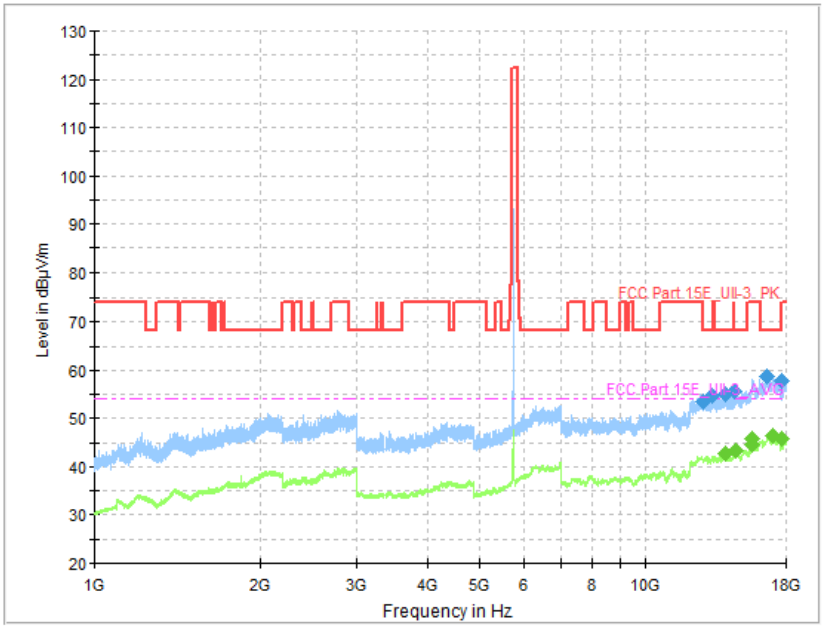

Fig. 72 Transmitter Spurious Emission (802. 11a, CH149 5745MHz, 1 GHz-18 GHz)

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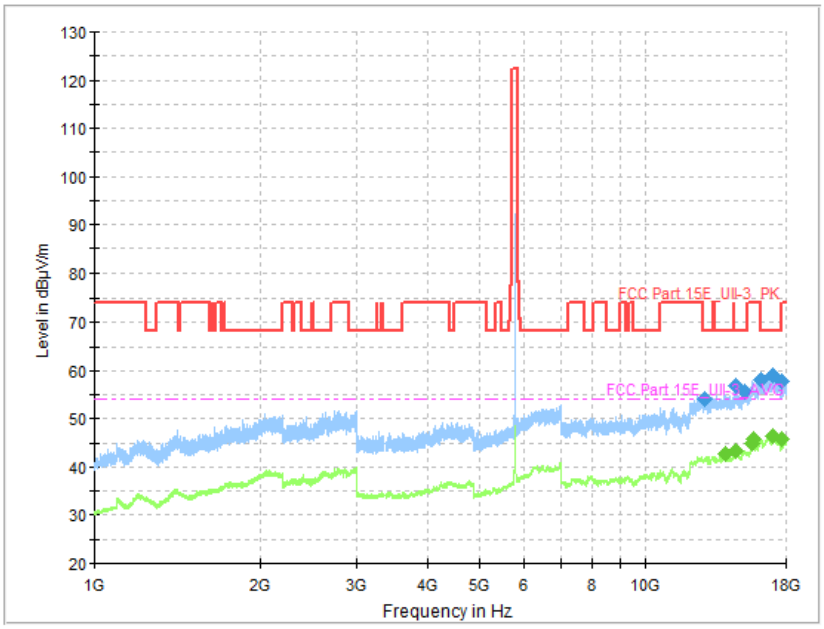

Fig. 73 Transmitter Spurious Emission (802. 11a, CH157 5785MHz, 1 GHz-18 GHz)

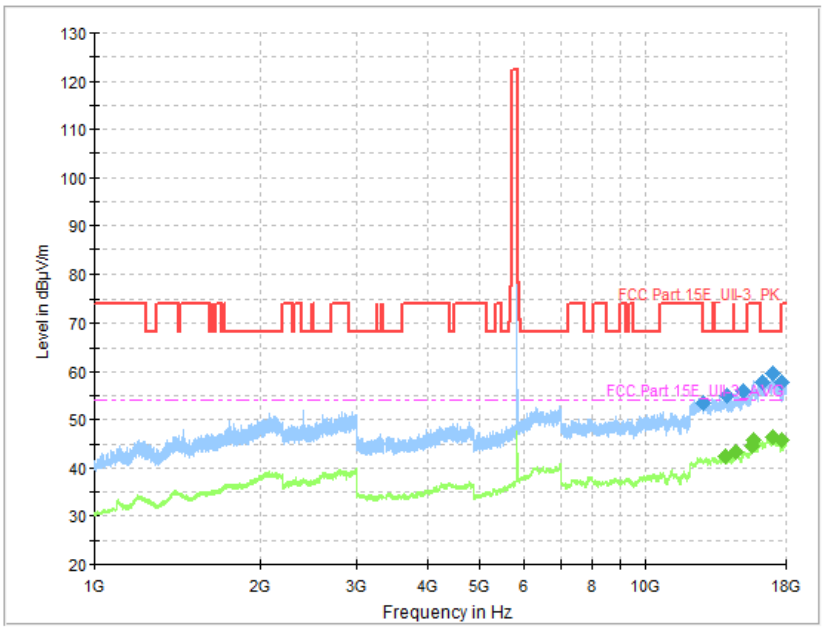

Fig. 74 Transmitter Spurious Emission (802. 11a, CH165 5825MHz, 1 GHz-18 GHz)

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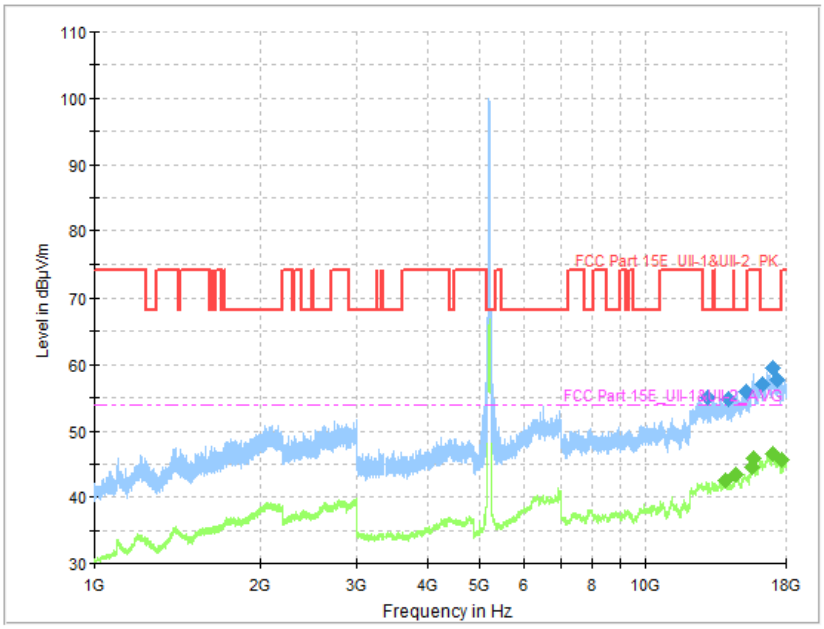

Fig. 75 Transmitter Spurious Emission (802.11n-HT40, CH38 5190MHz, 1 GHz-18 GHz)

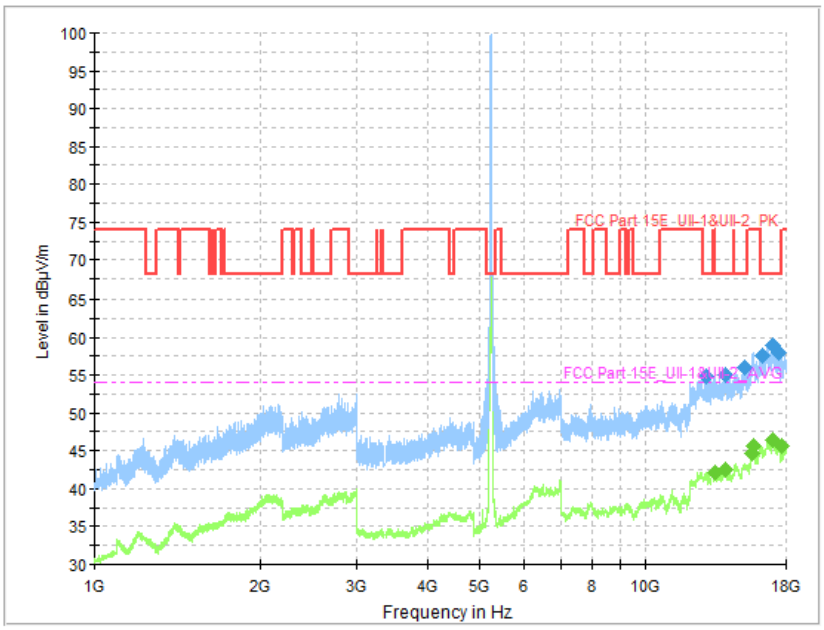

Fig. 76 Transmitter Spurious Emission (802.11n-HT40, CH46 5230MHz, 1 GHz-18 GHz)

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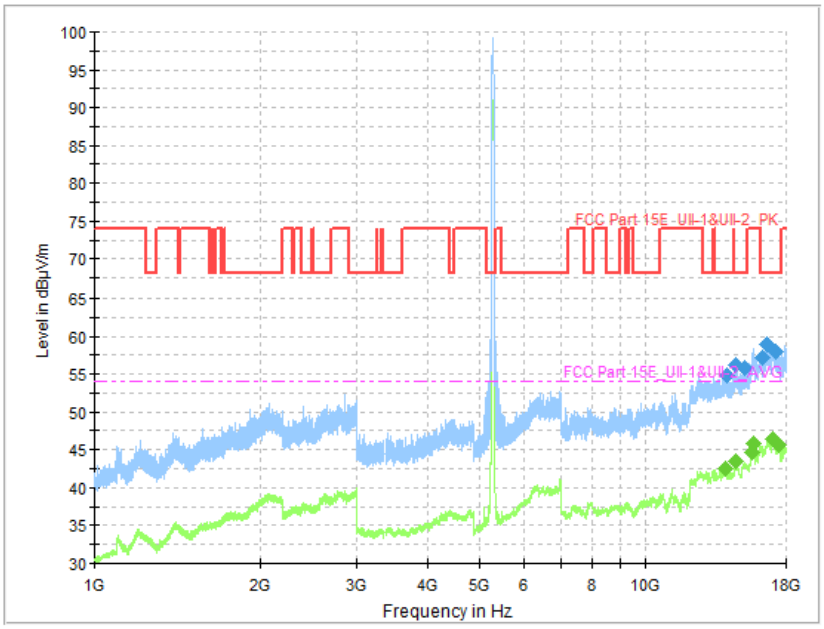

Fig. 77 Transmitter Spurious Emission (802.11n-HT40, CH54 5270MHz, 1 GHz-18 GHz)

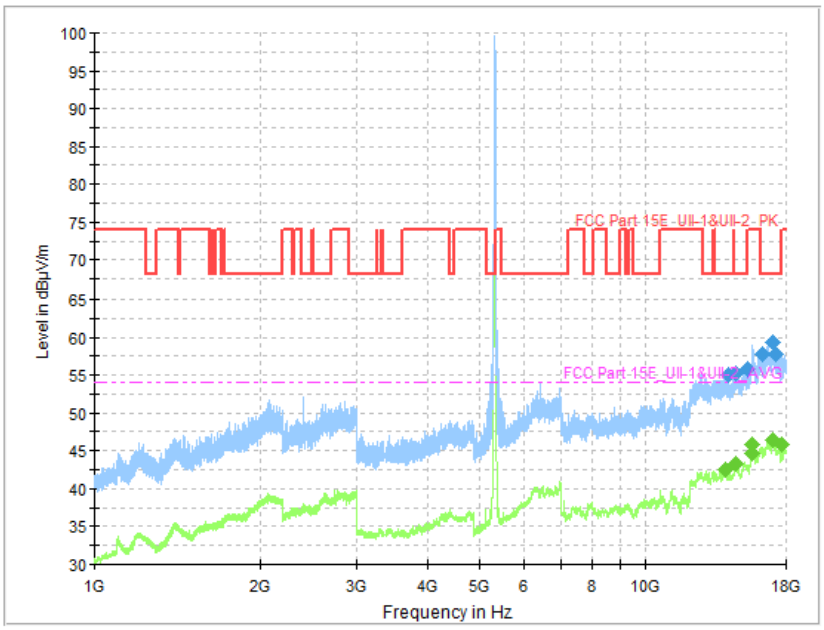

Fig. 78 Transmitter Spurious Emission (802.11n-HT40, CH62 5310MHz, 1 GHz-18 GHz)

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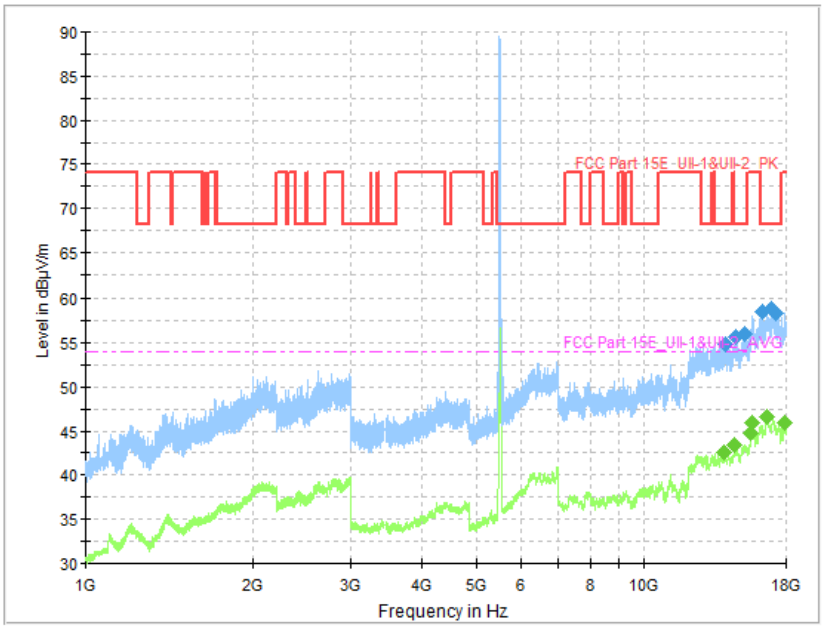

Fig. 79 Transmitter Spurious Emission (802. 11n-HT40, CH102 5510MHz, 1 GHz-18 GHz)

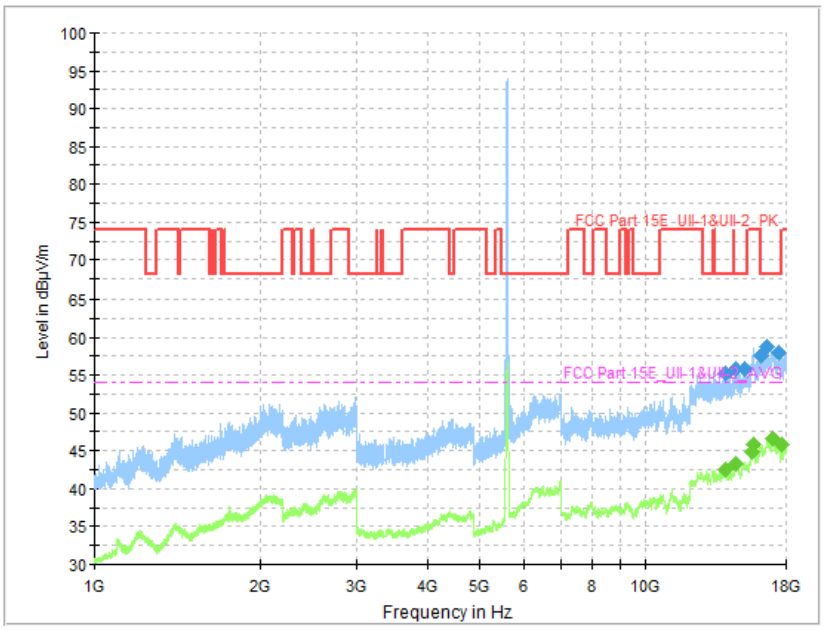

Fig. 80 Transmitter Spurious Emission (802. 11n-HT40, CH118 5580MHz, 1 GHz-18 GHz)

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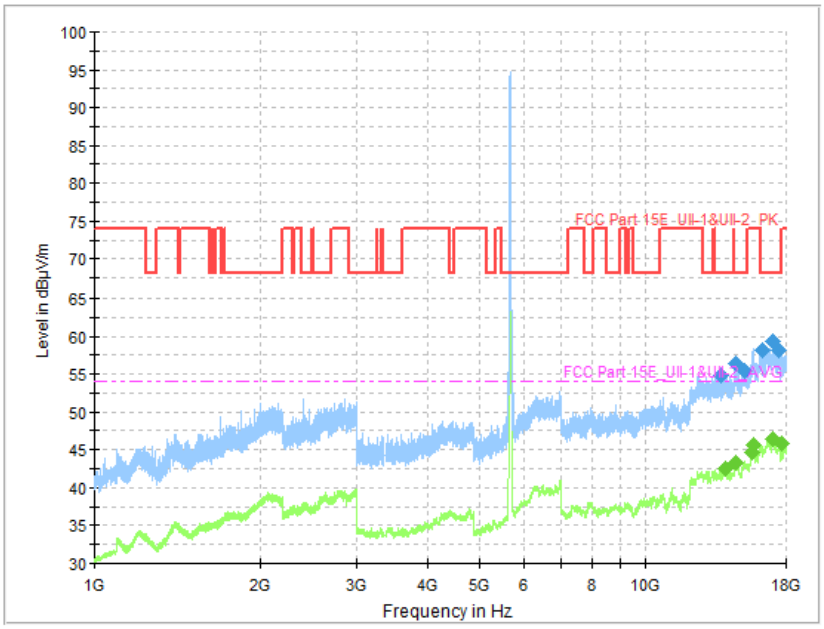

Fig. 81 Transmitter Spurious Emission (802. 11n-HT40, CH134 5670MHz, 1 GHz-18 GHz)

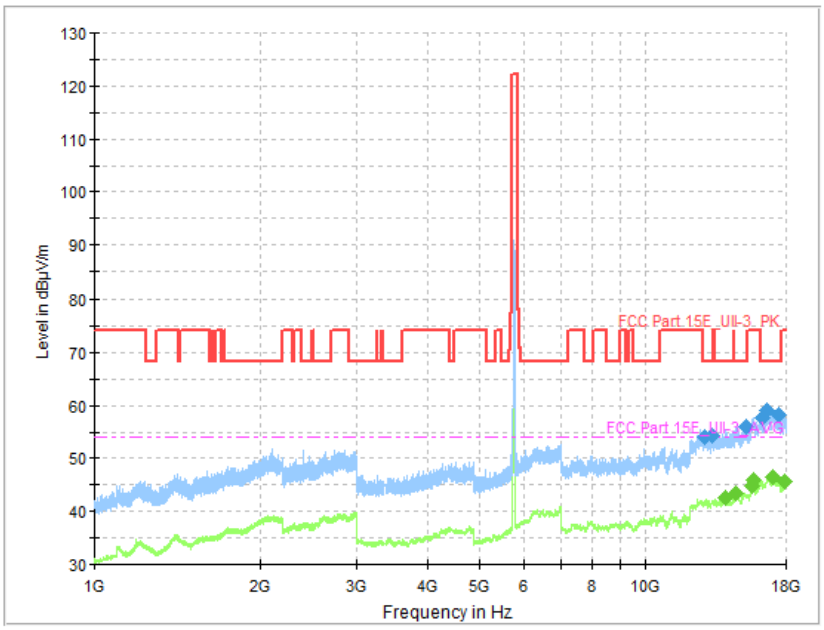

Fig. 82 Transmitter Spurious Emission (802. 11n-HT40, CH151 5755MHz, 1 GHz-18 GHz)

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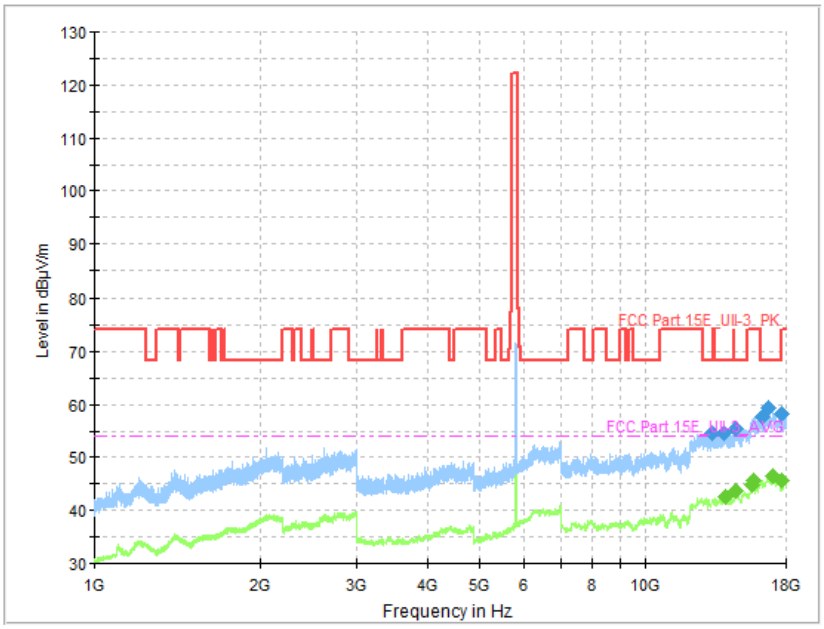

Fig. 83 Transmitter Spurious Emission (802. 11n-HT40, CH159 5795MHz, 1 GHz-18 GHz)

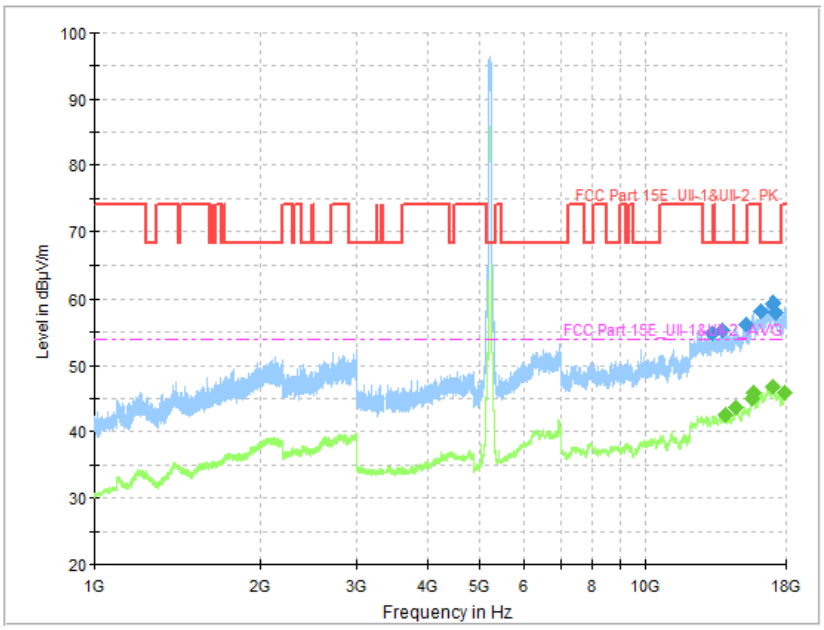

Fig. 84 Transmitter Spurious Emission (802. 11ac-VHT80, CH42 5210MHz, 1 GHz-18 GHz)

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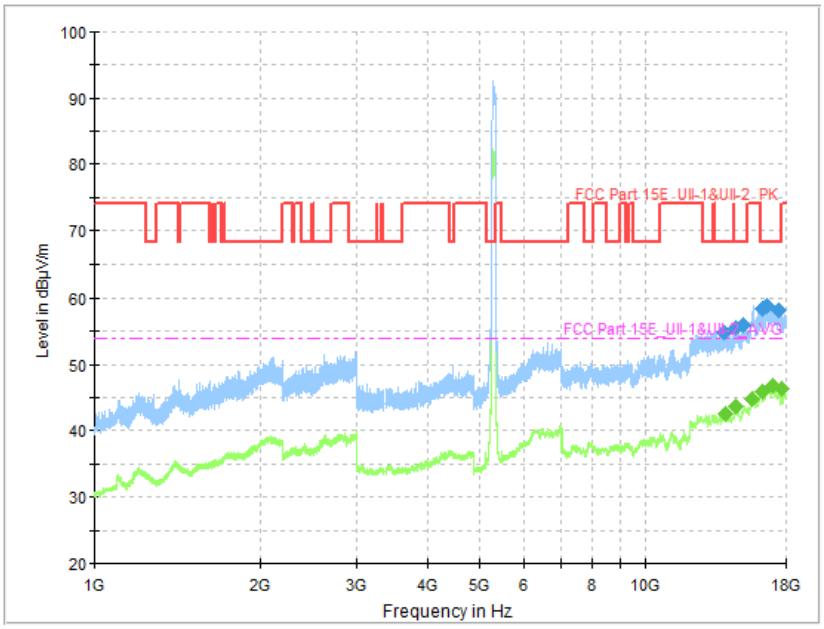

Fig. 85 Transmitter Spurious Emission (802. 11ac-VHT80, CH58 5290MHz, 1 GHz-18 GHz)

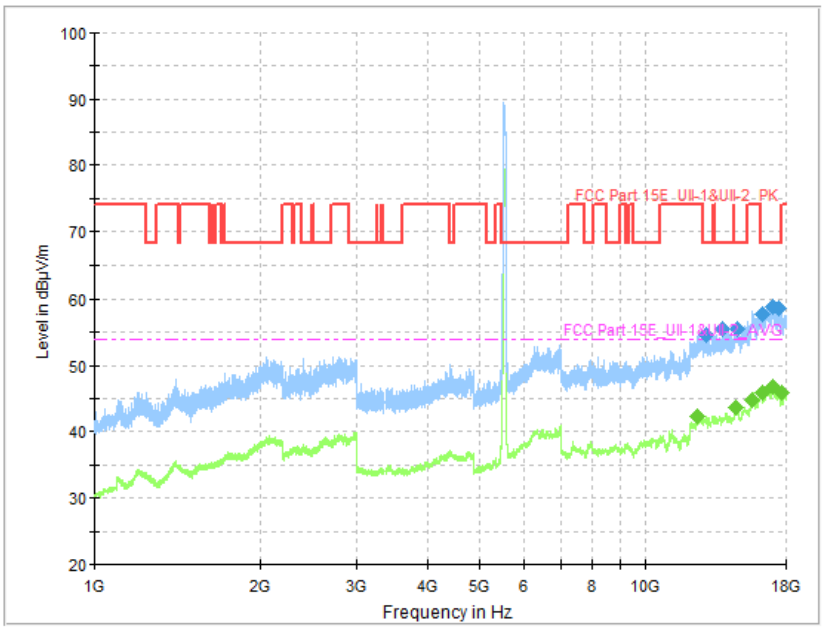

Fig. 86 Transmitter Spurious Emission (802. 11ac-VHT80, CH106 5530MHz, 1 GHz-18 GHz)

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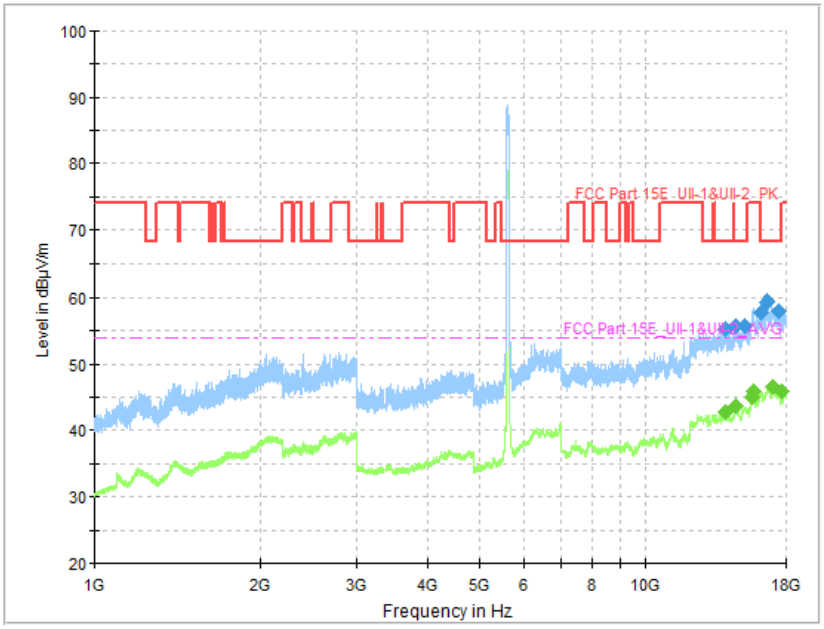

Fig. 87 Transmitter Spurious Emission (802. 11ac-VHT80, CH122 5610MHz, 1 GHz-18 GHz)

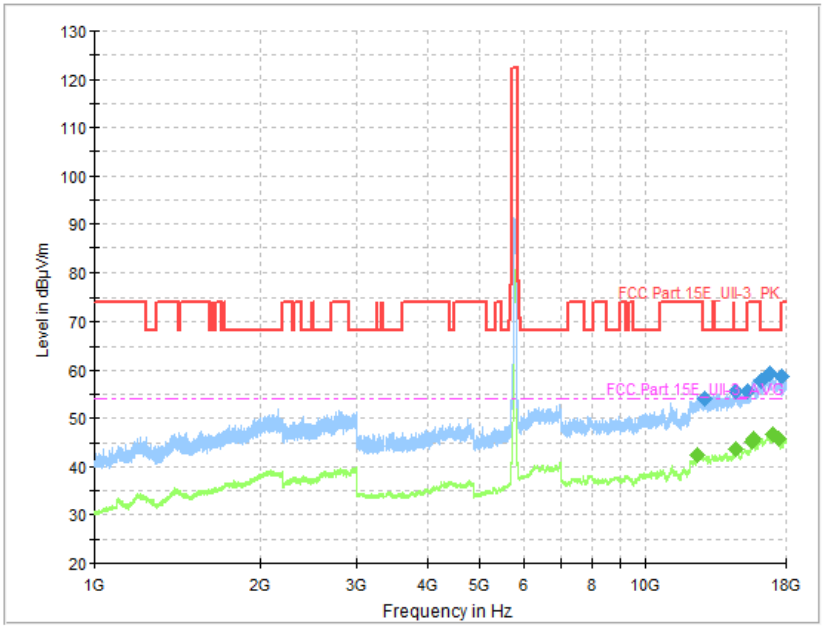

Fig. 88 Transmitter Spurious Emission (802. 11ac-VHT80, CH155 5775MHz, 1 GHz-18 GHz)

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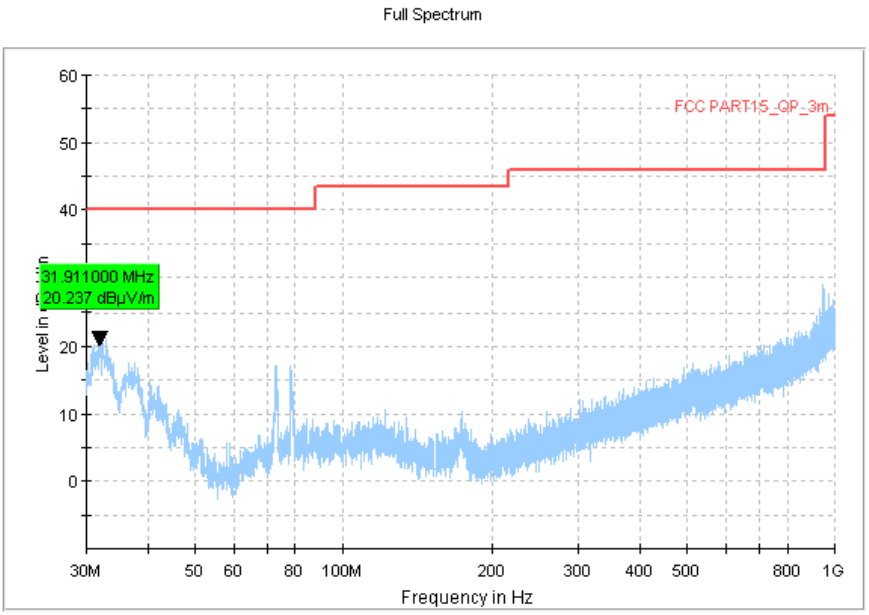

Fig. 89 Transmitter Spurious Emission (All channel, 30MHz~1GHz)

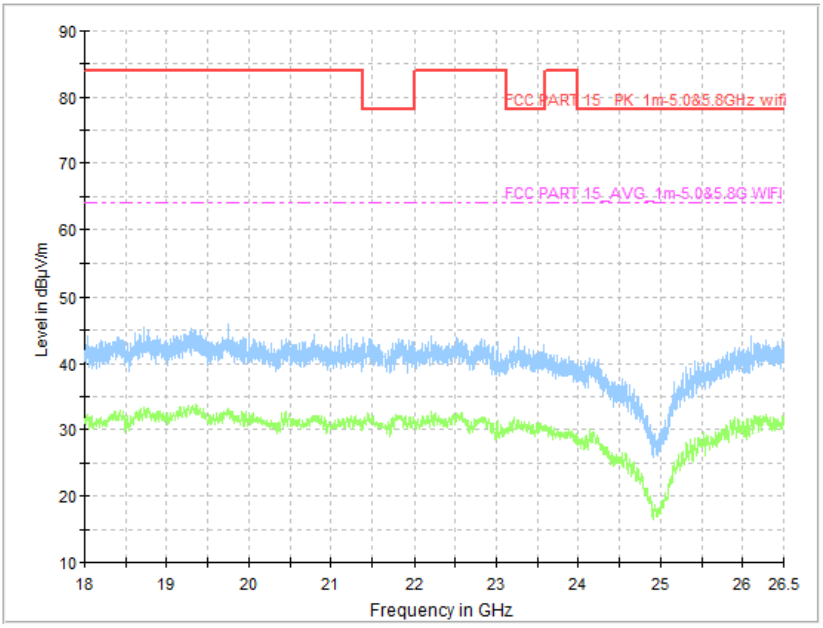

Fig. 90 Transmitter Spurious Emission (All channel, 18GHz~26.5GHz)

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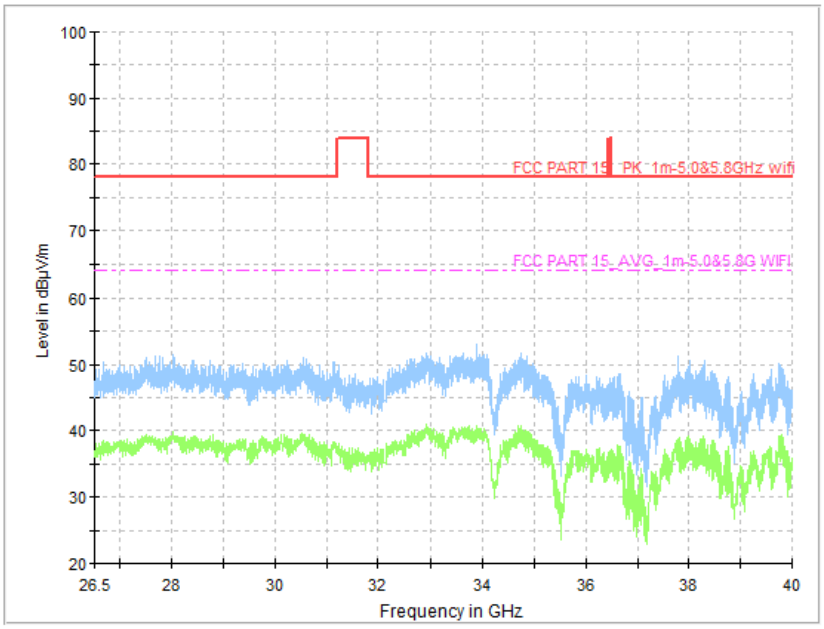

Fig. 91 Transmitter Spurious Emission (All channel, 26.5GHz~40GHz)

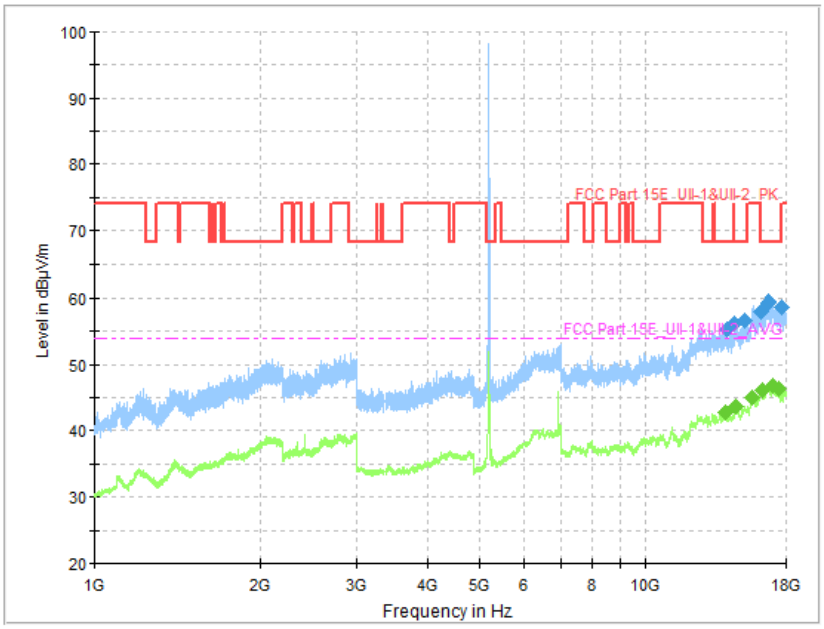

Fig. 92 Transmitter Spurious Emission (802. 11n-HT20, CH36 5180MHz, 1 GHz-18 GHz, MIMO)

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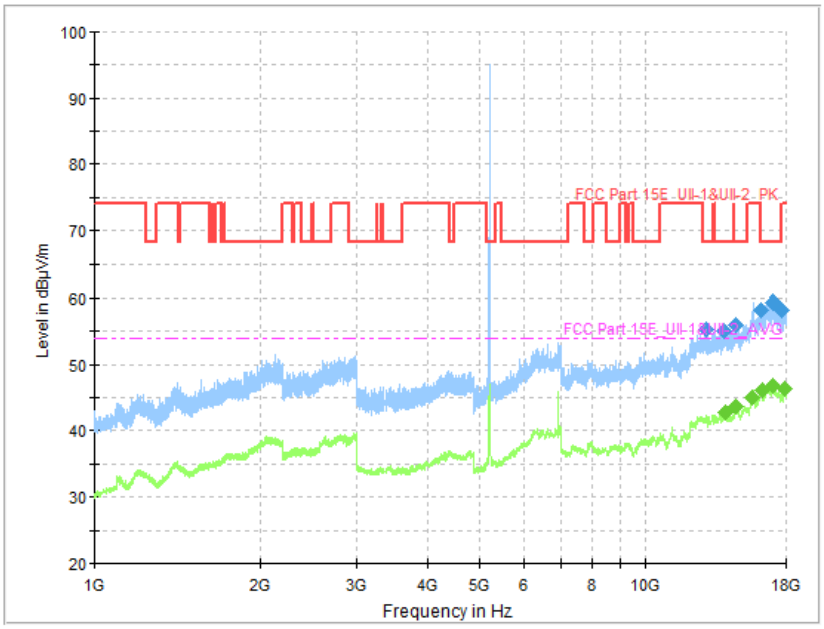

Fig. 93 Transmitter Spurious Emission (802. 11n-HT20, CH40 5200MHz, 1 GHz-18 GHz, MIMO)

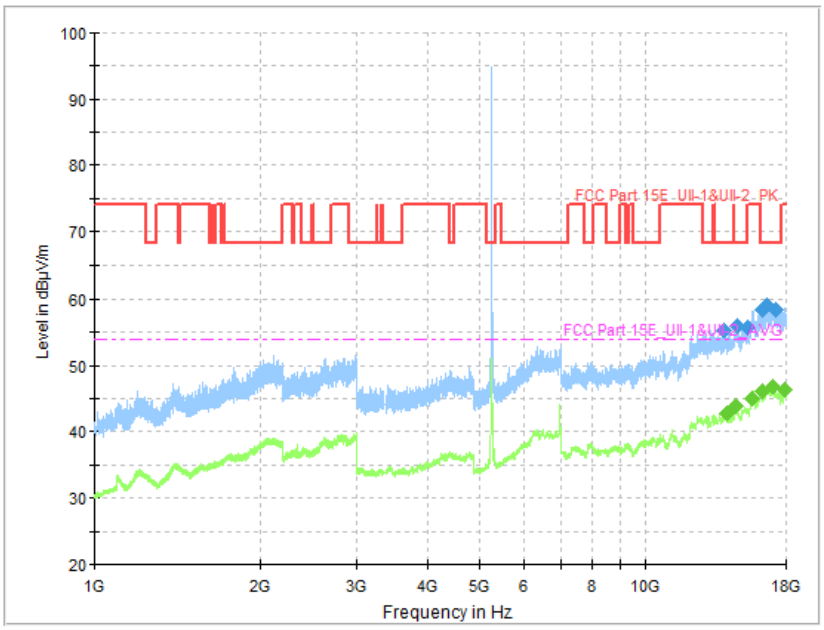

Fig. 94 Transmitter Spurious Emission (802. 11n-HT20, CH48 5240MHz, 1 GHz-18 GHz, MIMO)

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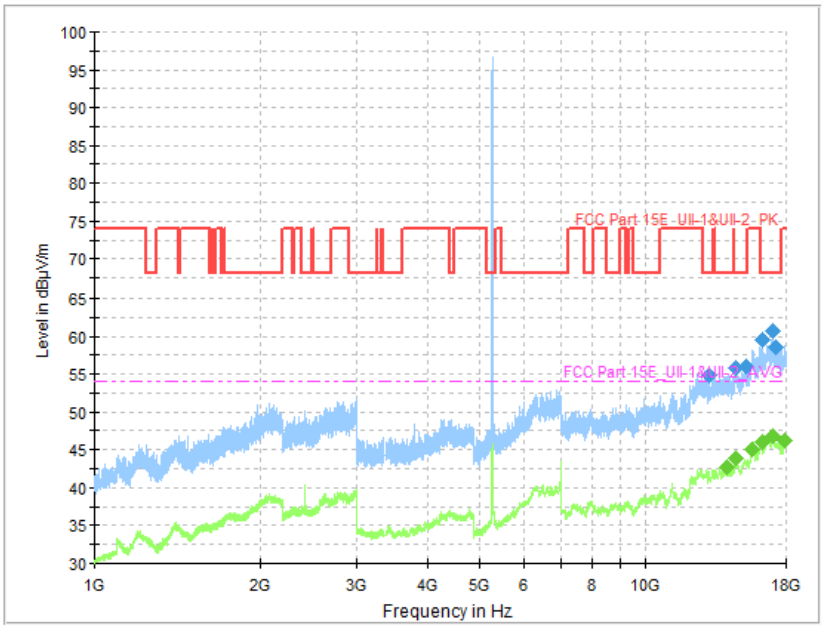

Fig. 95 Transmitter Spurious Emission (802. 11n-HT20, CH52 5260MHz, 1 GHz-18 GHz, MIMO)

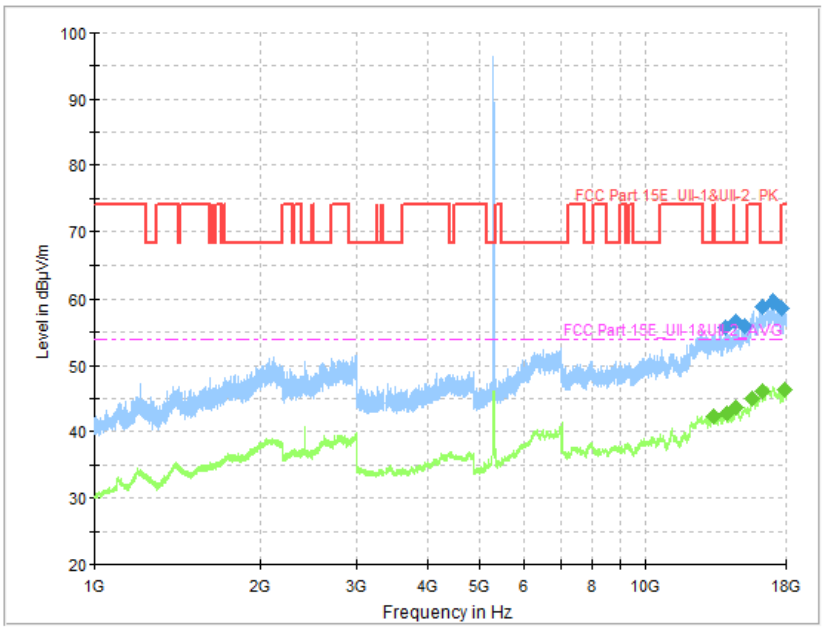

Fig. 96 Transmitter Spurious Emission (802. 11n-HT20, CH56 5280MHz, 1 GHz-18 GHz, MIMO)

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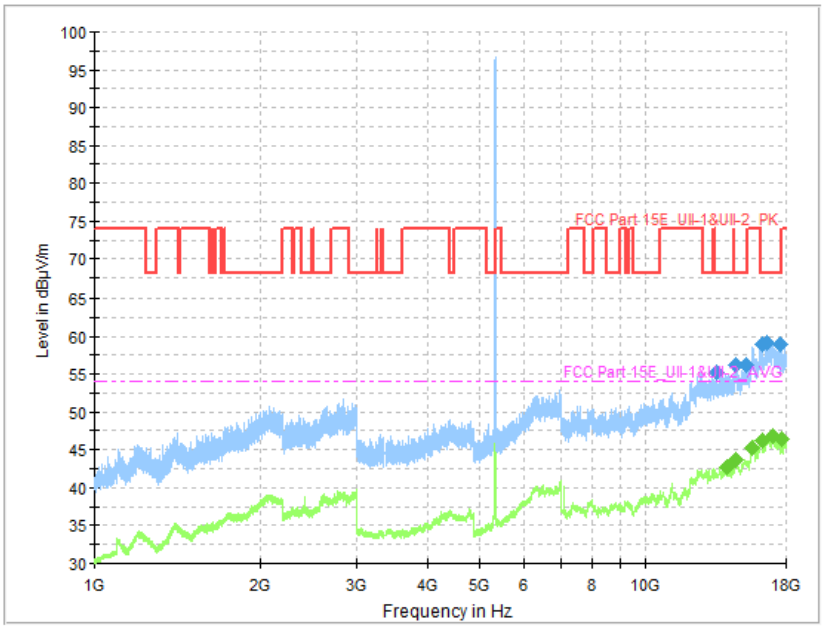

Fig. 97 Transmitter Spurious Emission (802. 11n-HT20, CH64 5320MHz, 1 GHz-18 GHz, MIMO)

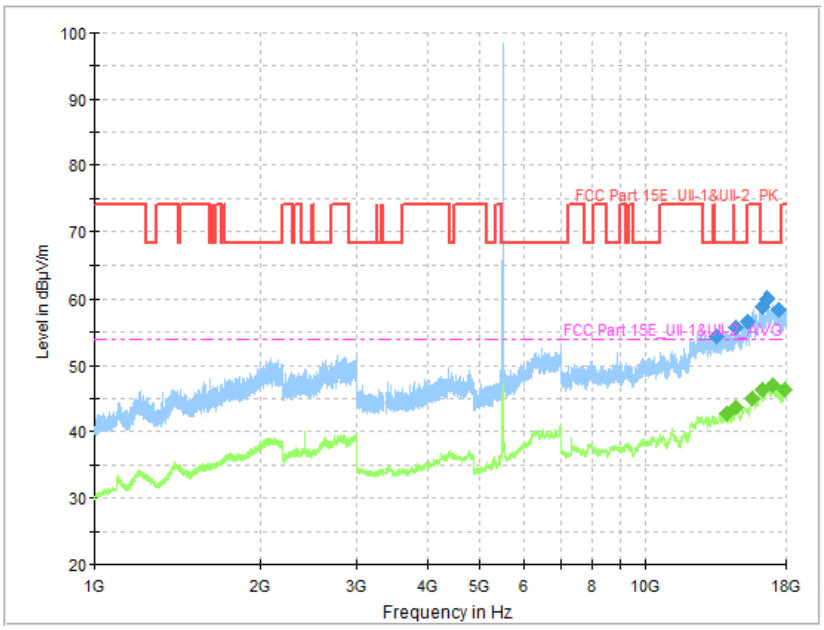

Fig. 98 Transmitter Spurious Emission (802. 11n-HT20, CH100 5500MHz, 1 GHz-18 GHz, MIMO)

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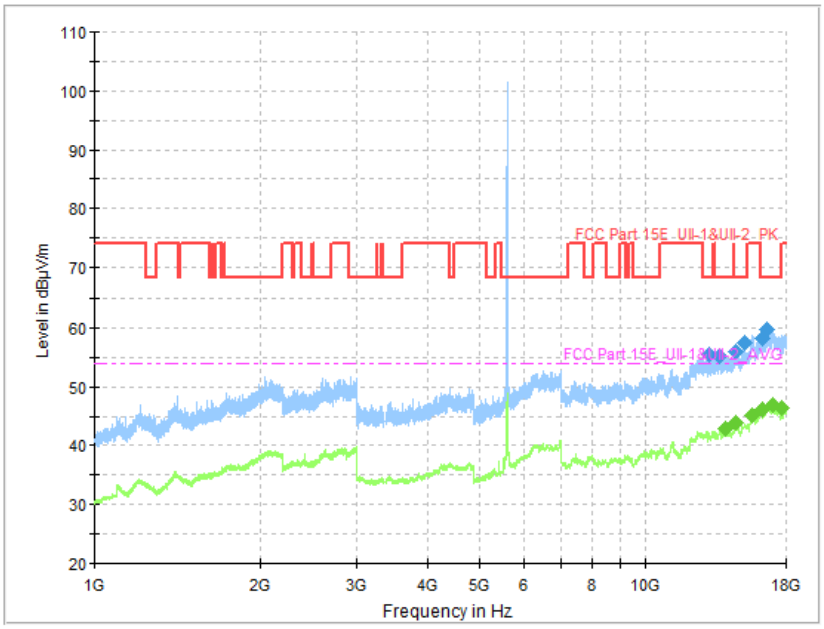

Fig. 99 Transmitter Spurious Emission (802. 11n-HT20, CH120 5600MHz, 1 GHz-18 GHz, MIMO)

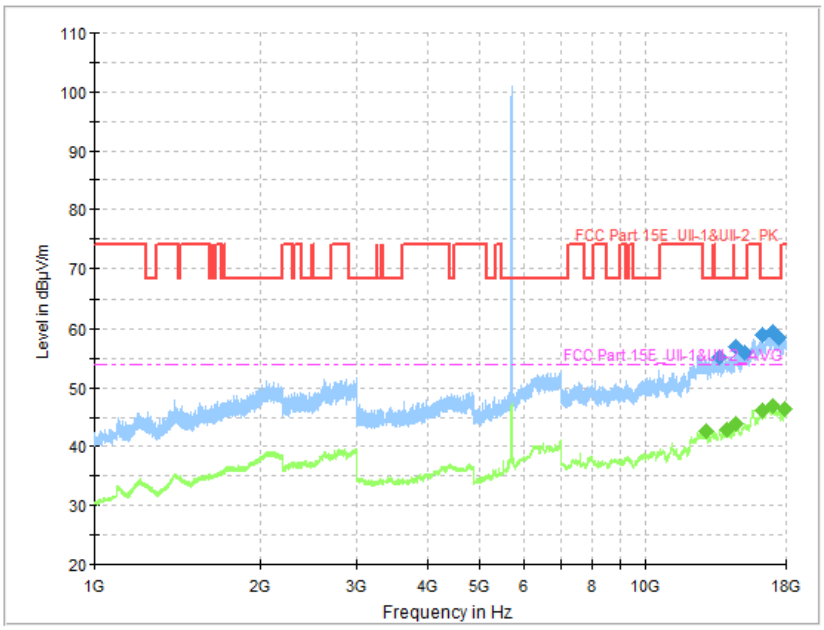

Fig. 100 Transmitter Spurious Emission (802. 11n-HT20, CH140 5700MHz, 1 GHz-18 GHz, MIMO)

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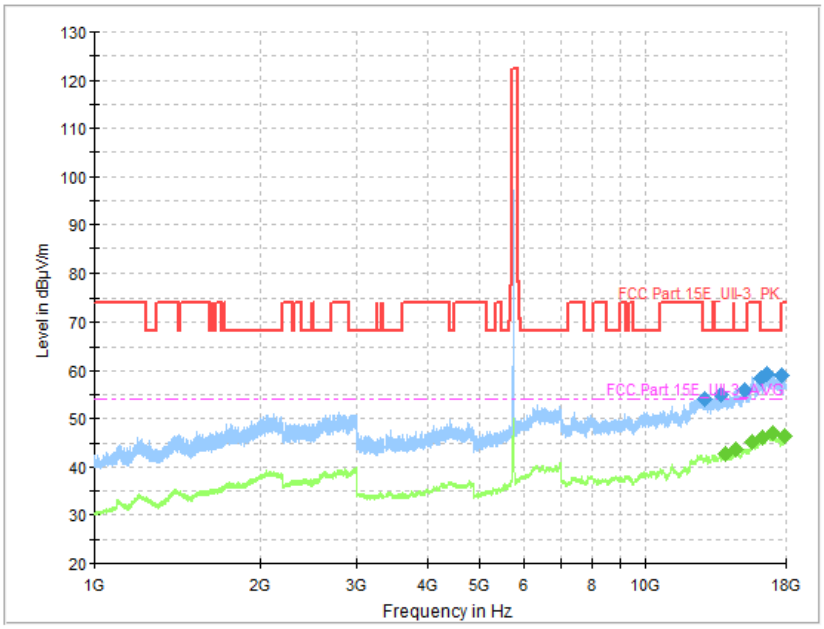

Fig. 101 Transmitter Spurious Emission (802. 11n-HT20, CH149 5745MHz, 1 GHz-18 GHz, MIMO)

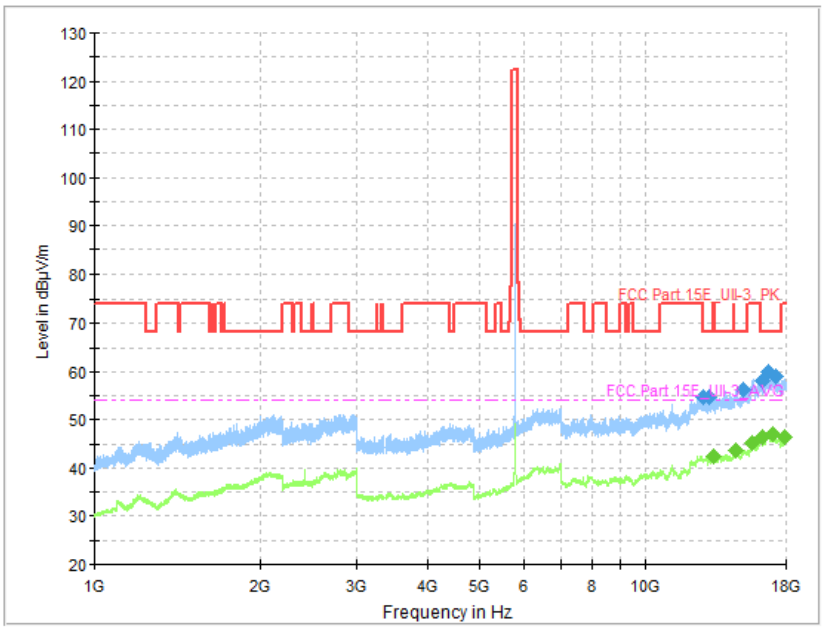

Fig. 102 Transmitter Spurious Emission (802. 11n-HT20, CH157 5785MHz, 1 GHz-18 GHz, MIMO)

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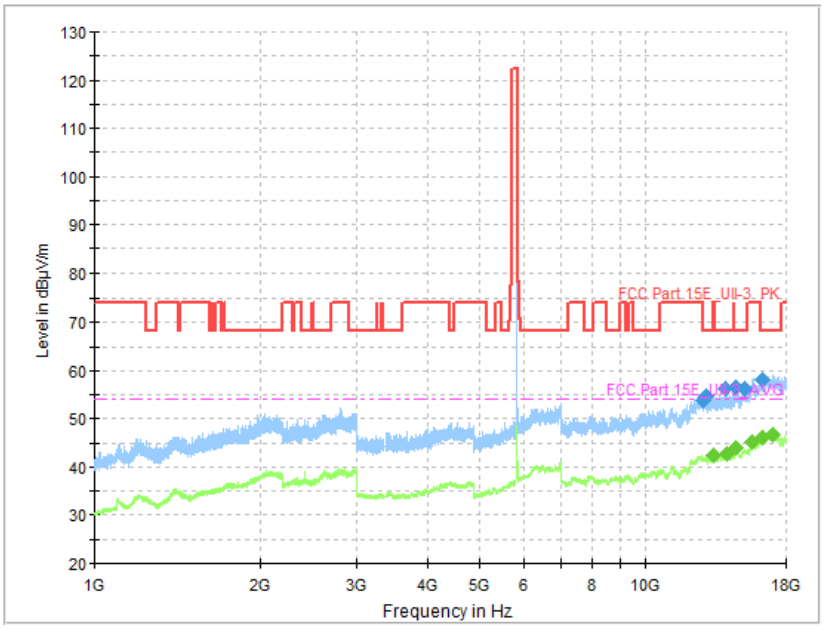

Fig. 103 Transmitter Spurious Emission (802. 11n-HT20, CH165 5825MHz, 1 GHz-18 GHz, MIMO)

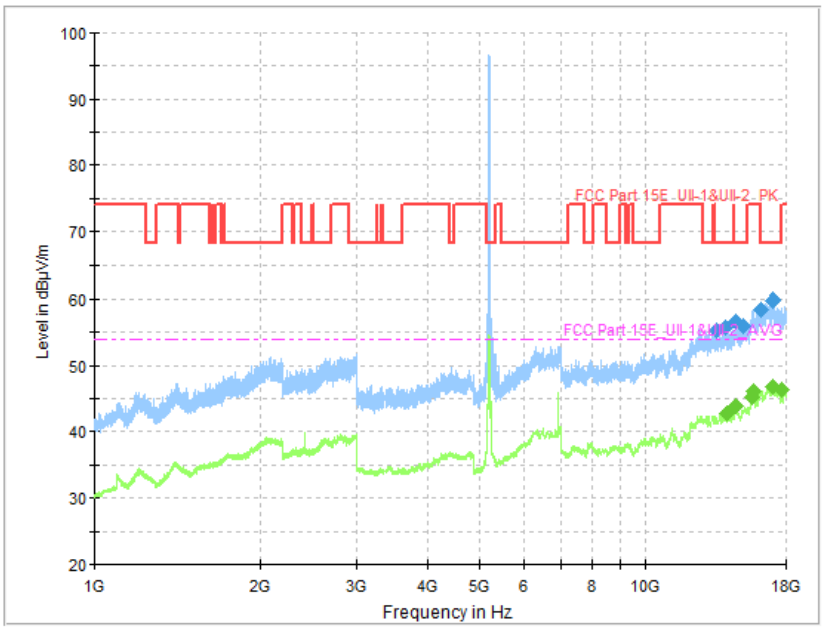

Fig. 104 Transmitter Spurious Emission (802.11n-HT40, CH38 5190MHz, 1 GHz-18 GHz, MIMO)

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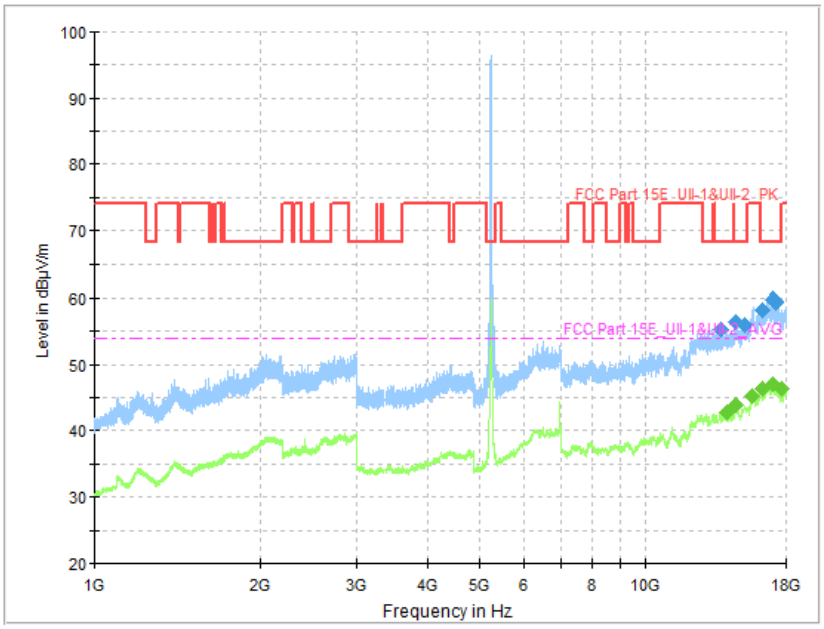

Fig. 105 Transmitter Spurious Emission (802.11n-HT40, CH46 5230MHz, 1 GHz-18 GHz, MIMO)

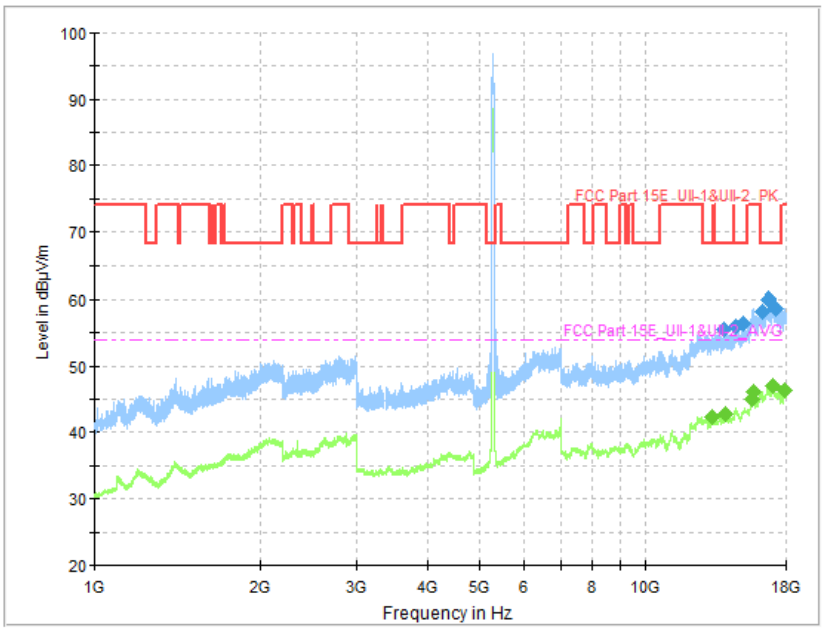

Fig. 106 Transmitter Spurious Emission (802.11n-HT40, CH54 5270MHz, 1 GHz-18 GHz, MIMO)

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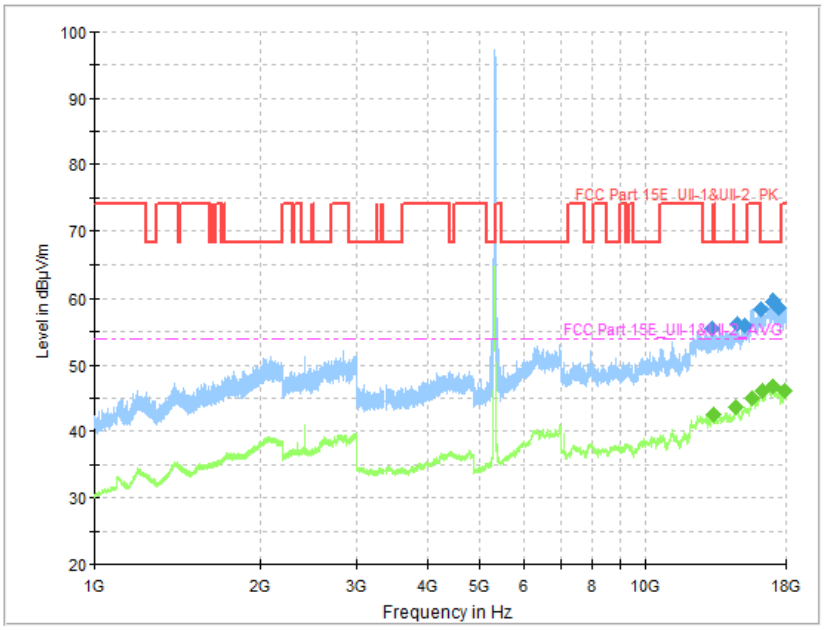

Fig. 107 Transmitter Spurious Emission (802.11n-HT40, CH62 5310MHz, 1 GHz-18 GHz, MIMO)

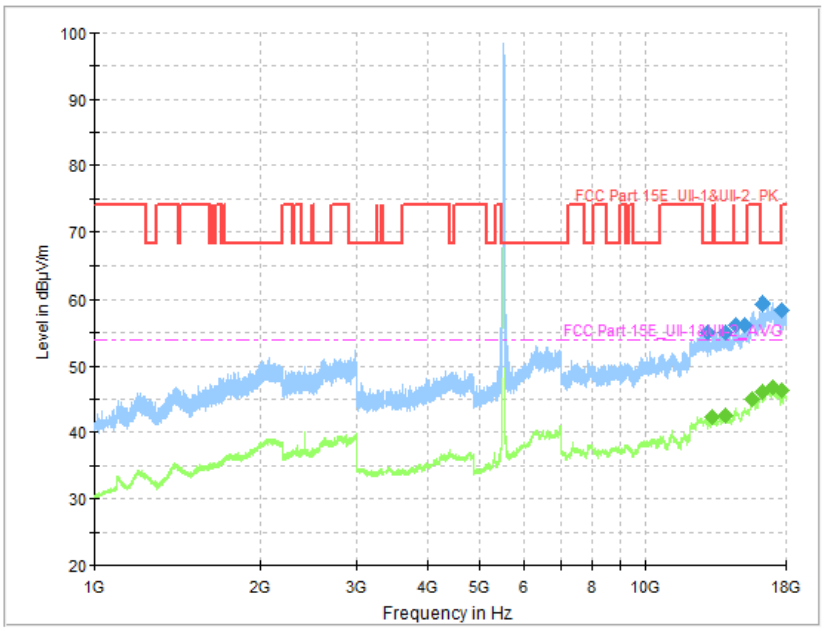

Fig. 108 Transmitter Spurious Emission (802. 11n-HT40, CH102 5510MHz, 1 GHz-18 GHz, MIMO)

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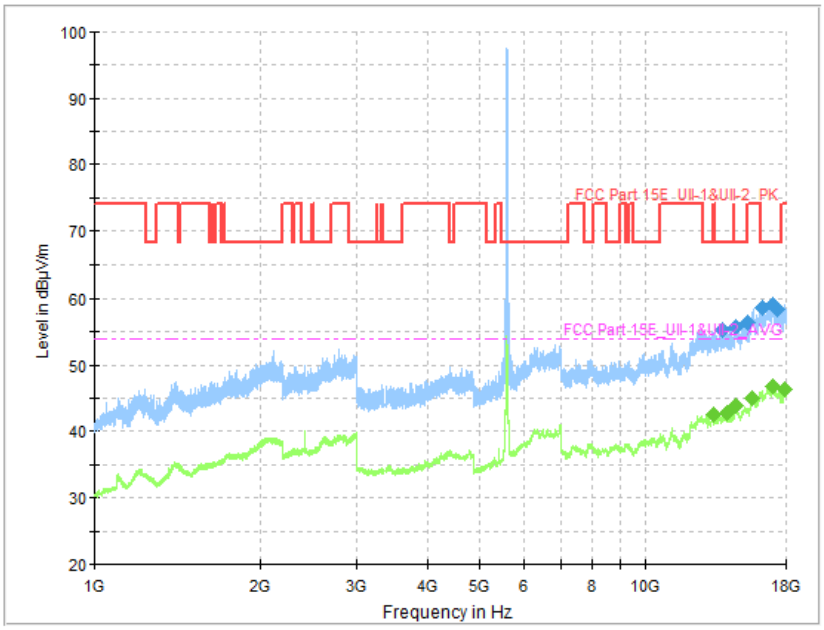

Fig. 109 Transmitter Spurious Emission (802. 11n-HT40, CH118 5580MHz, 1 GHz-18 GHz, MIMO)

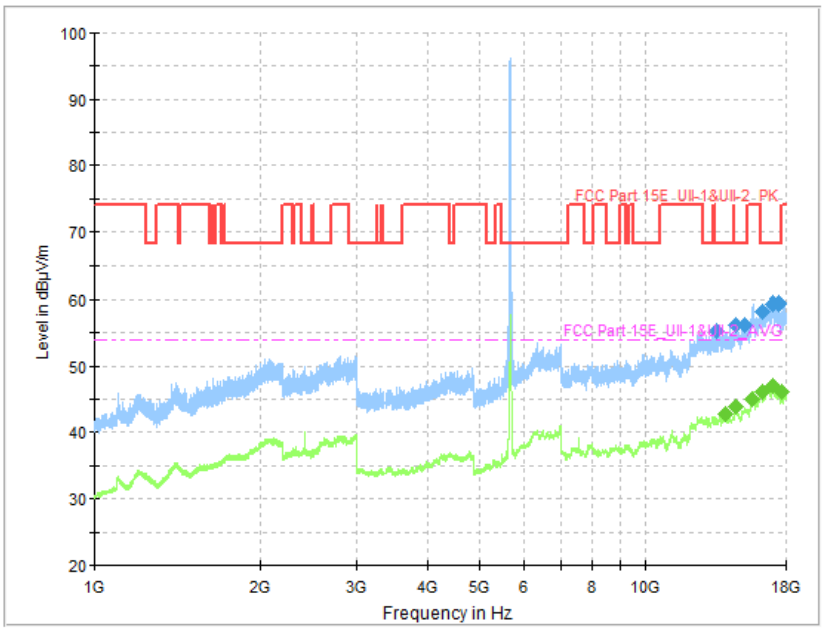

Fig. 110 Transmitter Spurious Emission (802. 11n-HT40, CH134 5670MHz, 1 GHz-18 GHz, MIMO)

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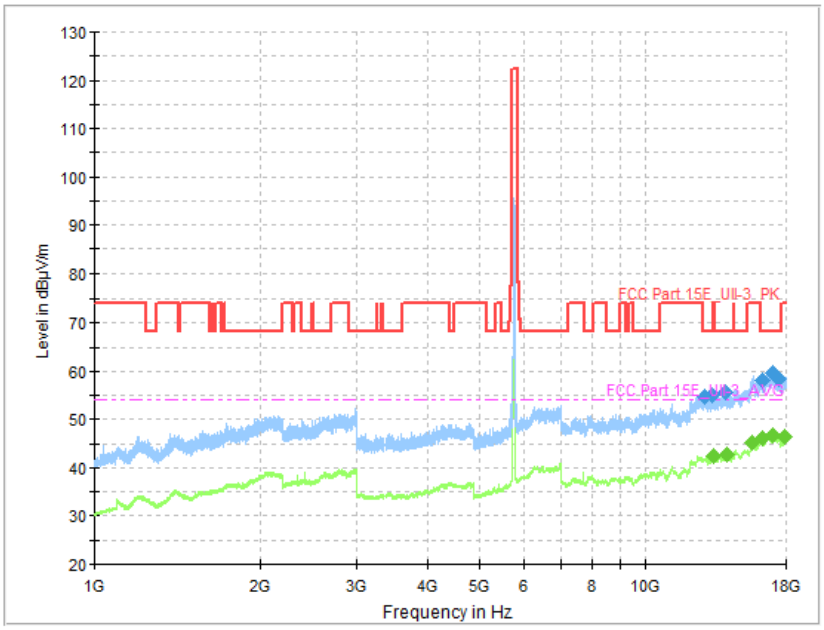

Fig. 111 Transmitter Spurious Emission (802. 11n-HT40, CH151 5755MHz, 1 GHz-18 GHz, MIMO)

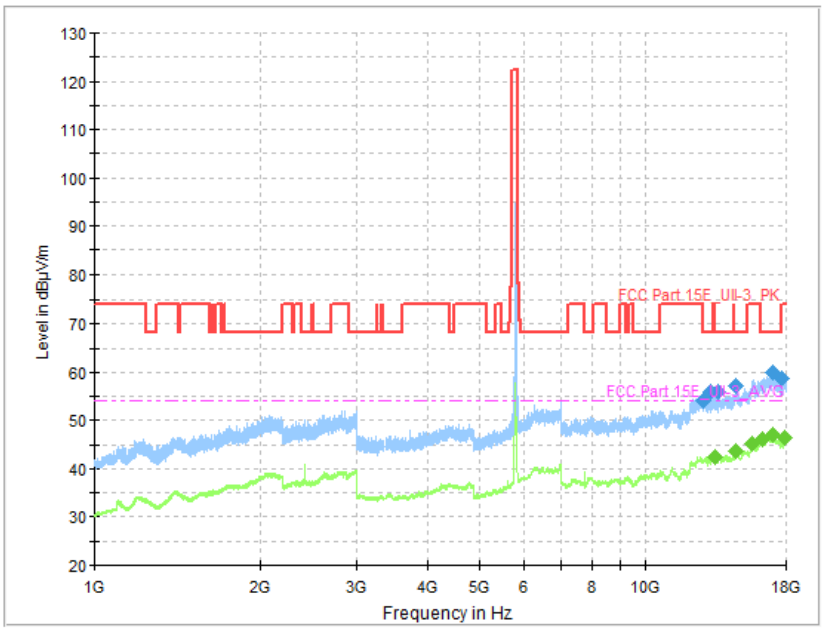

Fig. 112 Transmitter Spurious Emission (802. 11n-HT40, CH159 5795MHz, 1 GHz-18 GHz, MIMO)

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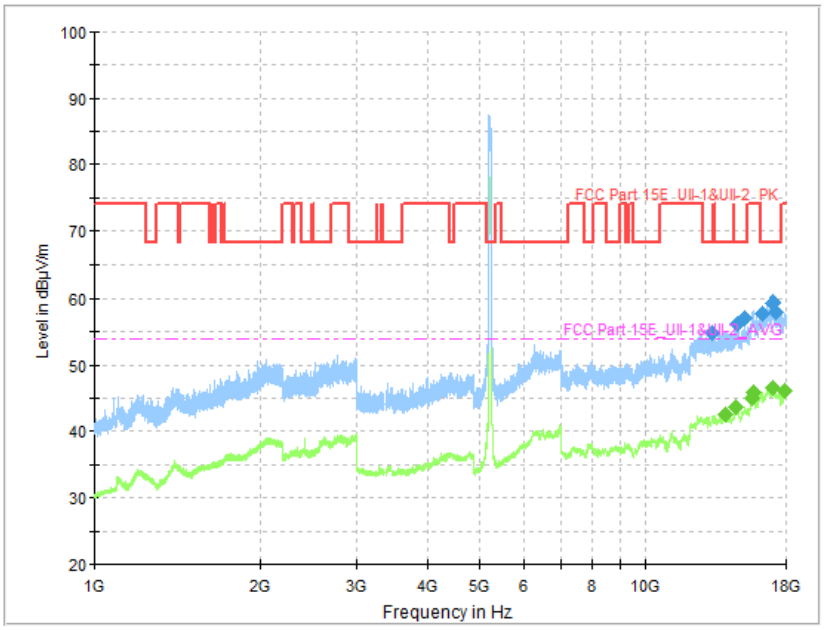

Fig. 113 Transmitter Spurious Emission (802. 11ac-VHT80, CH42 5210MHz, 1 GHz-18 GHz, MIMO)

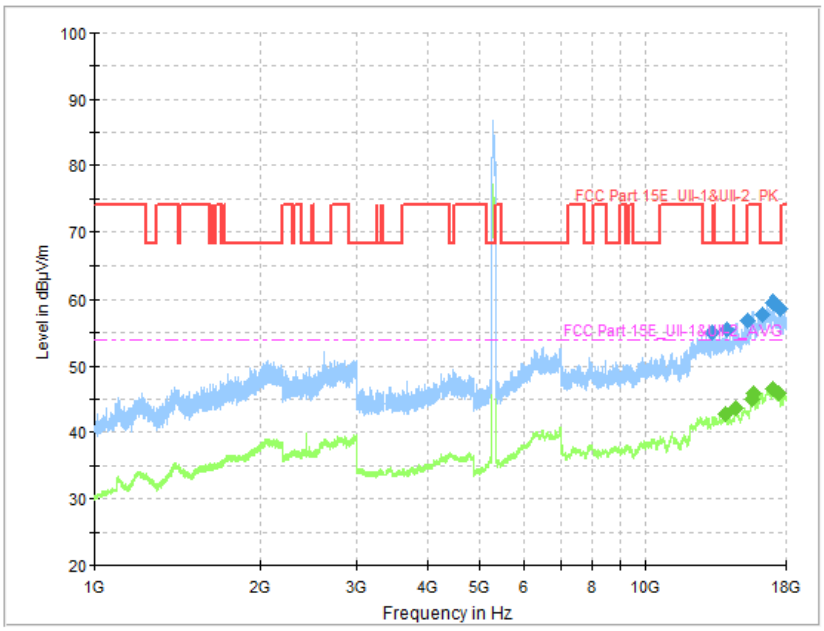

Fig. 114 Transmitter Spurious Emission (802. 11ac-VHT80, CH58 5290MHz, 1 GHz-18 GHz, MIMO)

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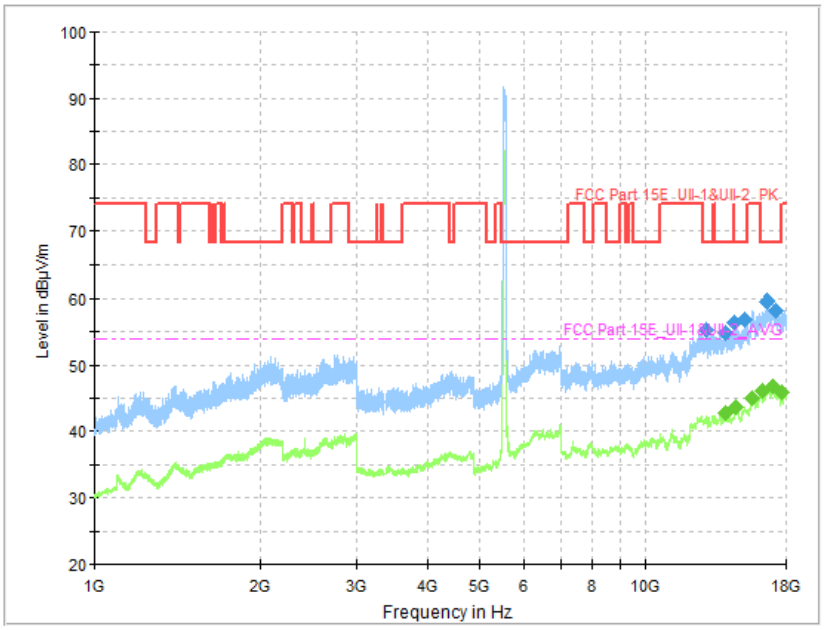

Fig. 115 Transmitter Spurious Emission (802. 11ac-VHT80, CH106 5530MHz, 1 GHz-18 GHz, MIMO)

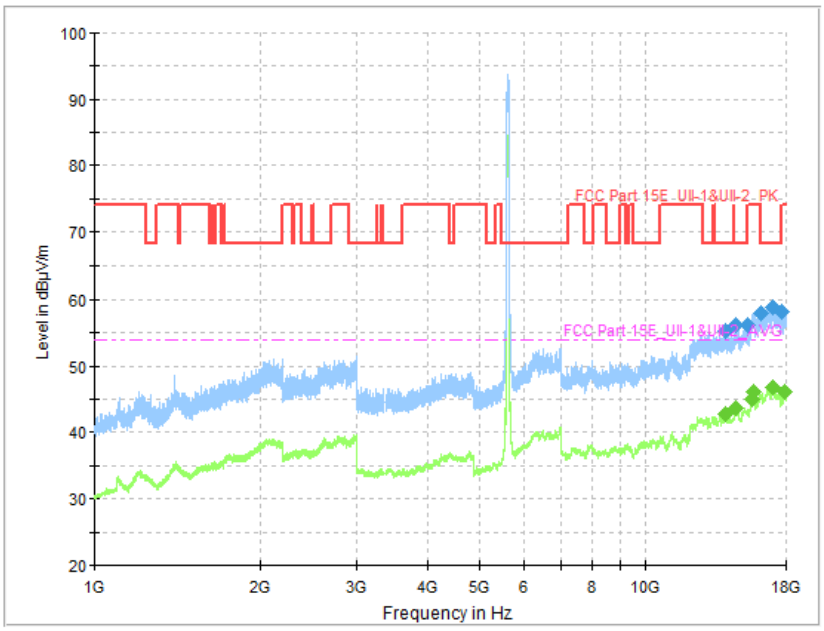

Fig. 116 Transmitter Spurious Emission (802. 11ac-VHT80, CH122 5610MHz, 1 GHz-18 GHz, MIMO)

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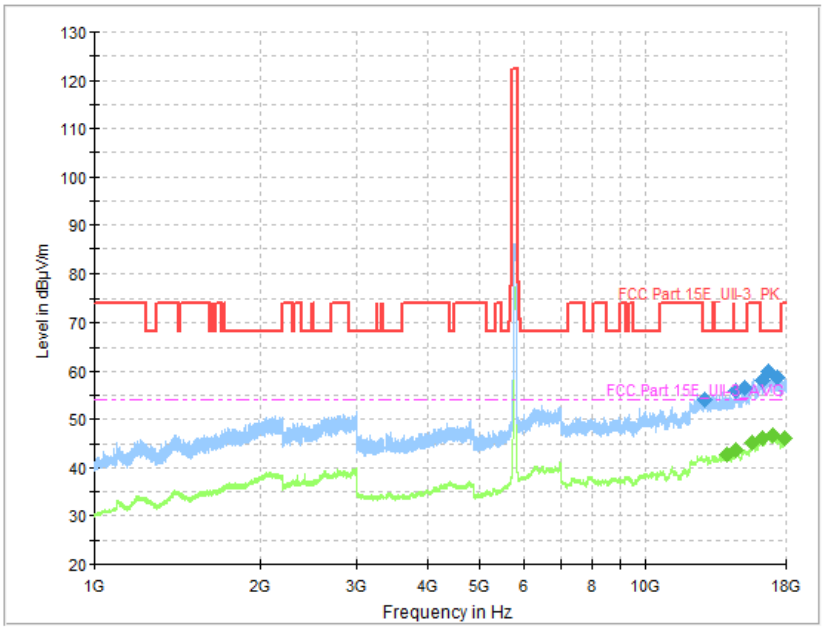

Fig. 117 Transmitter Spurious Emission (802. 11ac-VHT80, CH155 5775MHz, 1 GHz-18 GHz, MIMO)

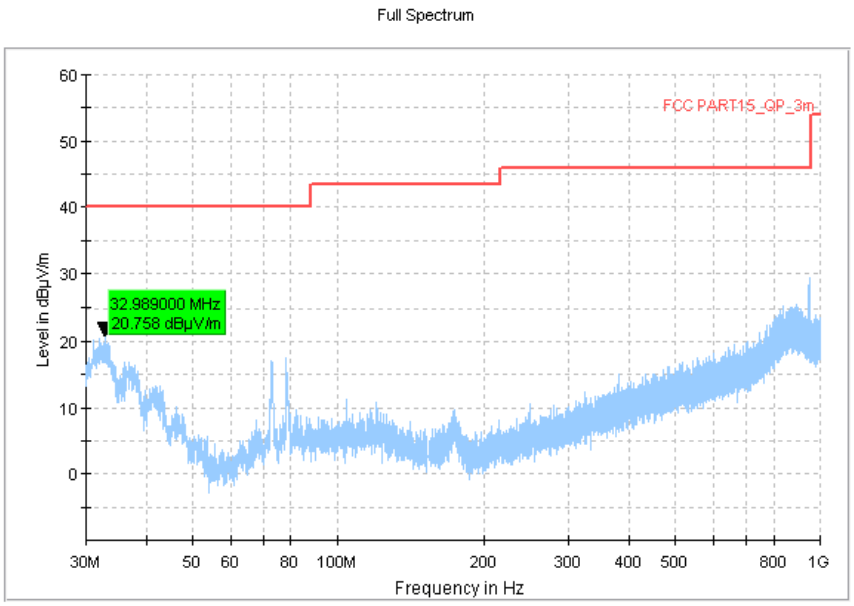

Fig. 118 Transmitter Spurious Emission (All channel, 30MHz~1GHz, MIMO)

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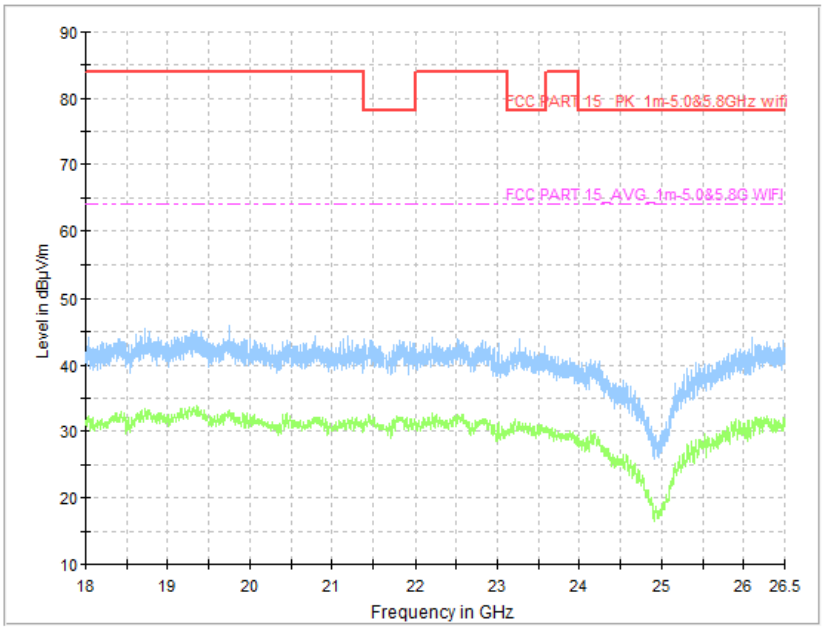

Fig. 119 Transmitter Spurious Emission (All channel, 18GHz~26.5GHz, MIMO)

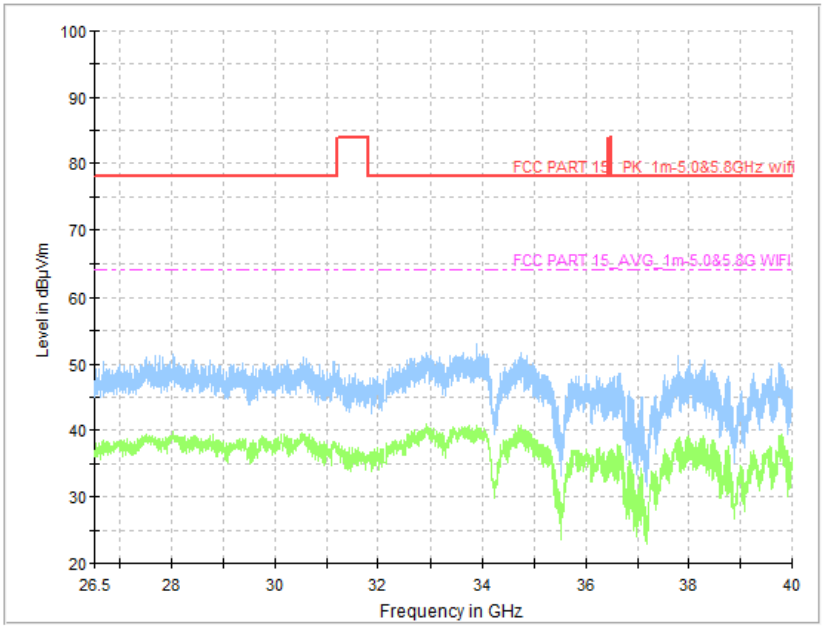

Fig. 120 Transmitter Spurious Emission (All channel, 26.5GHz~40GHz, MIMO)

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A.9. Radiated Spurious Emissions < 30MHz

Measurement Limit (15.209, 9 kHz-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

The measurement is made according to KDB 789033.

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 (Worst case):

SISO:

Mode	Frequency Range	Test Results	Conclusion
All Channel	9 kHz ~30 MHz	Fig.121	**P**

MIMO:

Mode	Frequency Range	Test Results	Conclusion
All Channel	9 kHz ~30 MHz	Fig.122	**P**

Conclusion: PASS

Test graphs as below:

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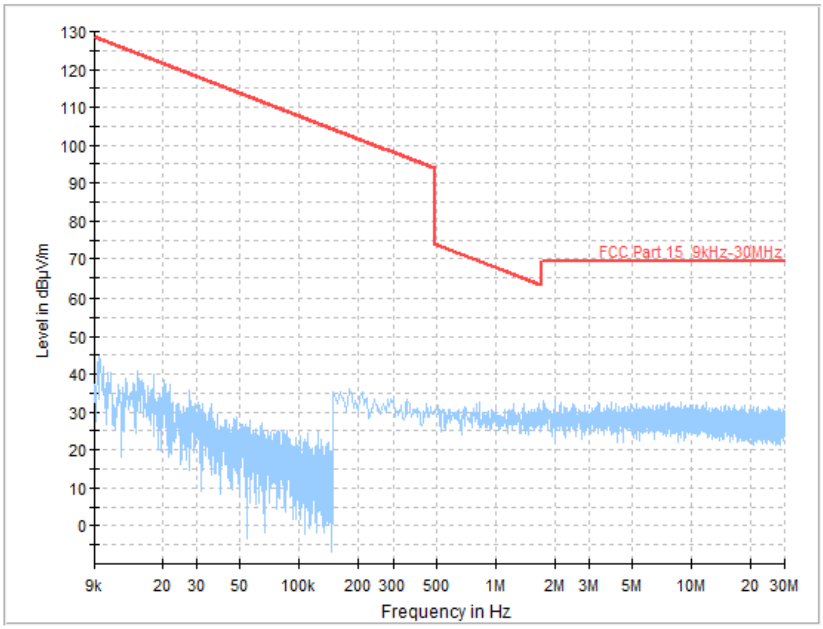

Fig. 121 Radiated Spurious Emission (All Channel, 9 kHz ~30 MHz)

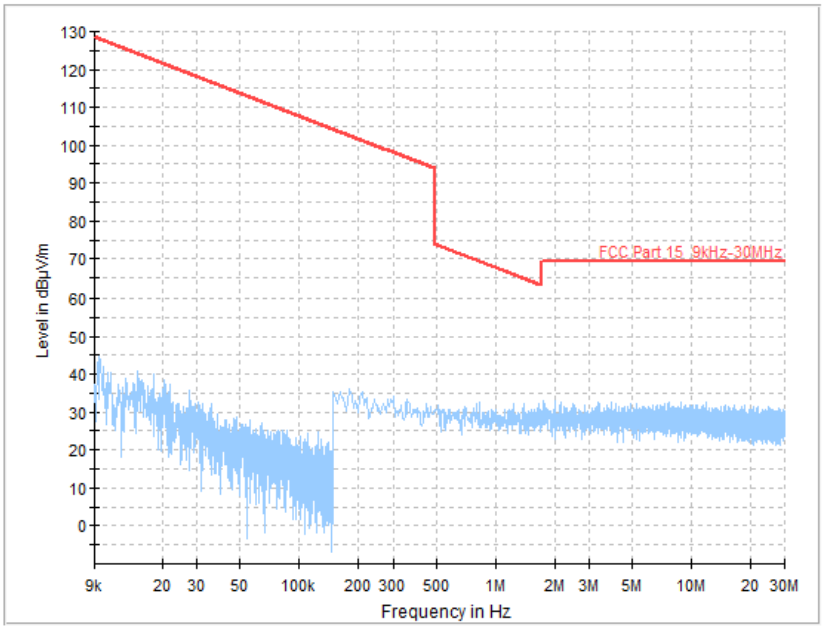

Fig. 122 Radiated Spurious Emission (All Channel, 9 kHz ~30 MHz, MIMO)

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A.10. AC Power Line Conducted Emission

Test Condition:

Voltage（V）	Frequency（Hz）
120	60

Measurement Result and limit:

RLAN (Quasi-peak Limit)-AE1

Frequency range (MHz)	Quasi-peak Limit (dBμV)	Result (dBμV)		Conclusion
		Traffic	Idle	
0.15 to 0.5	66 to 56	Fig.123	Fig.124	**P**
0.5 to 5	56			
5 to 30	60			
NOTE: The limit decreases linearly with the logarithm of the frequency in the range 0.15 MHz to 0.5 MHz.				

RLAN (Average Limit)-AE1

Frequency range (MHz)	Average-peak Limit (dBμV)	Result (dBμV)		Conclusion
		Traffic	Idle	
0.15 to 0.5	56 to 46	Fig.123	Fig.124	**P**
0.5 to 5	46			
5 to 30	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:

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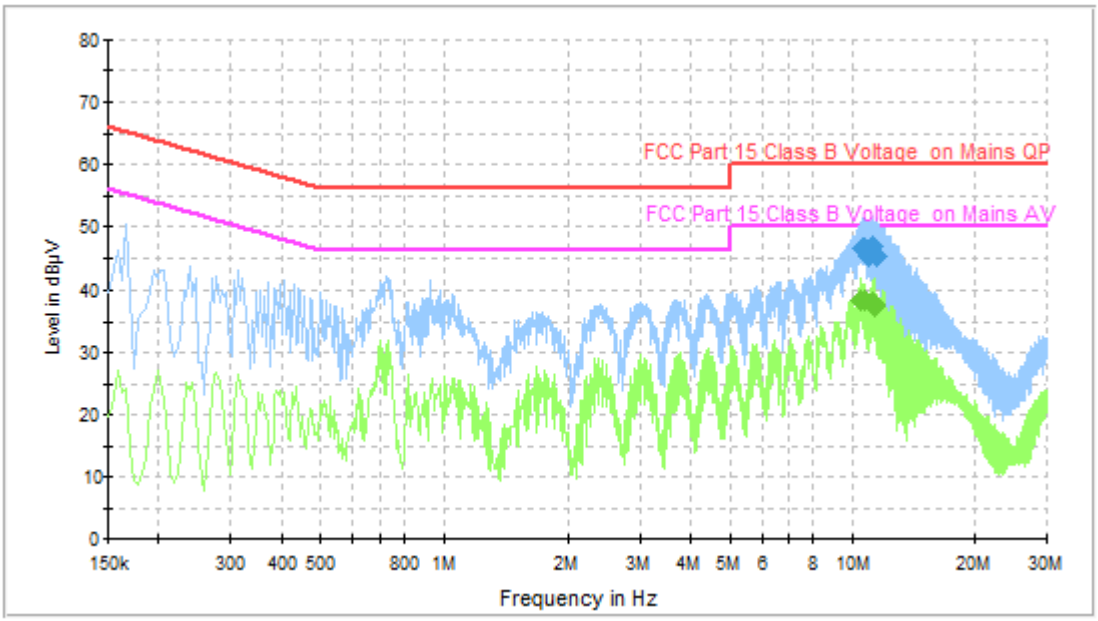

Fig. 123 AC Power line Conducted Emission (802.11a, 120V)

Measurement Result: Quasi Peak

Frequency (MHz)	QuasiPeak (dBµV)	Limit (dBµV)	Margin (dB)	Line	Corr. (dB)
10.634000	46.6	60.0	13.4	N	9.8
10.674000	46.4	60.0	13.6	N	9.8
10.742000	46.1	60.0	13.9	N	9.8
10.970000	45.3	60.0	14.7	N	9.8
11.214000	46.8	60.0	13.2	N	9.9
11.486000	45.2	60.0	14.8	N	9.9

Measurement Result: Average

Frequency (MHz)	Average (dBµV)	Limit (dBµV)	Margin (dB)	Line	Corr. (dB)
10.466000	38.5	50.0	11.5	N	9.8
10.650000	38.5	50.0	11.5	N	9.8
11.254000	38.1	50.0	11.9	N	9.9
11.262000	38.1	50.0	11.9	N	9.9
11.270000	37.7	50.0	12.3	N	9.9
11.354000	37.3	50.0	12.7	N	9.9

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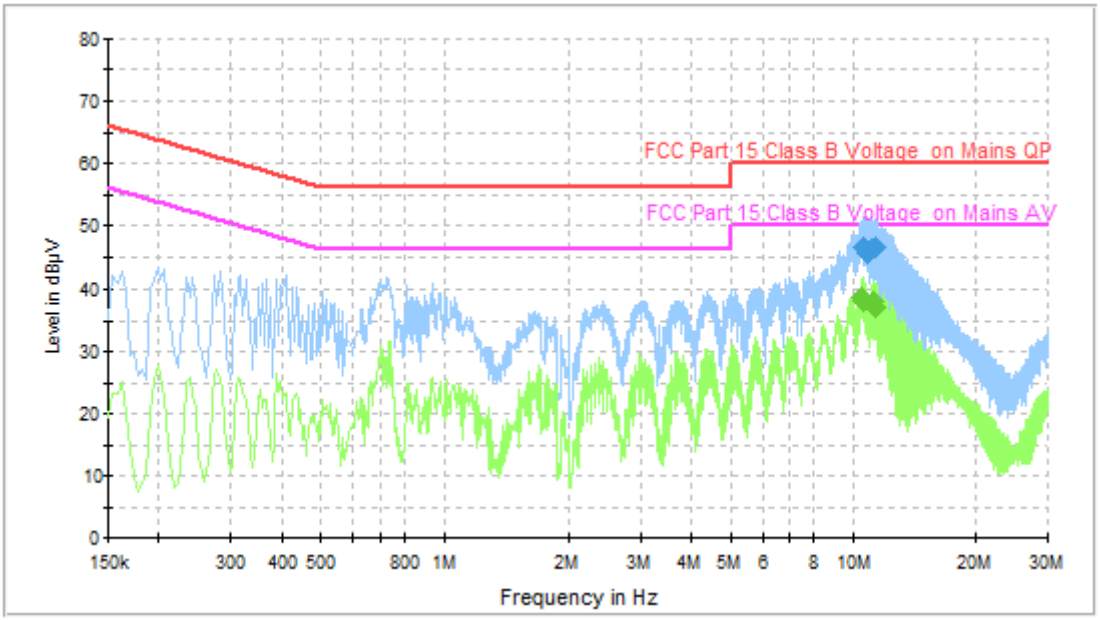

Fig. 124 AC Power line Conducted Emission (Idle, 120V)

Measurement Result: Quasi Peak

Frequency (MHz)	QuasiPeak (dBµV)	Limit (dBµV)	Margin (dB)	Line	Corr. (dB)
10.578000	46.3	60.0	13.7	N	9.8
10.722000	46.0	60.0	14.0	N	9.8
10.874000	45.6	60.0	14.4	N	9.9
10.990000	45.7	60.0	14.3	N	9.8
11.050000	46.1	60.0	13.9	N	9.8
11.282000	46.6	60.0	13.4	N	9.9

Measurement Result: Average

Frequency (MHz)	Average (dBµV)	Limit (dBµV)	Margin (dB)	Line	Corr. (dB)
10.478000	38.8	50.0	11.2	N	9.8
10.646000	37.9	50.0	12.1	N	9.8
11.250000	38.0	50.0	12.0	N	9.9
11.258000	38.0	50.0	12.0	N	9.9
11.266000	37.9	50.0	12.1	N	9.9
11.334000	37.2	50.0	12.8	N	9.9

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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*****

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