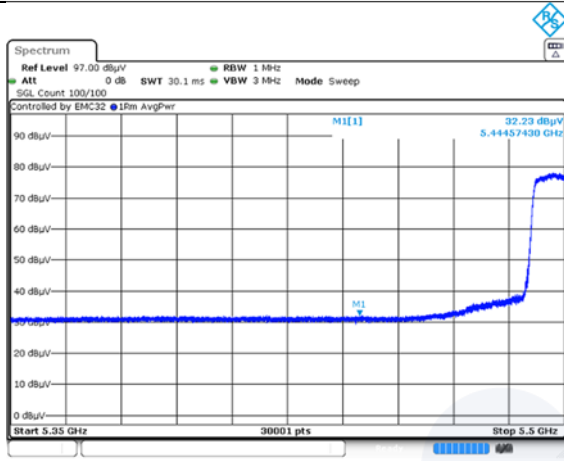


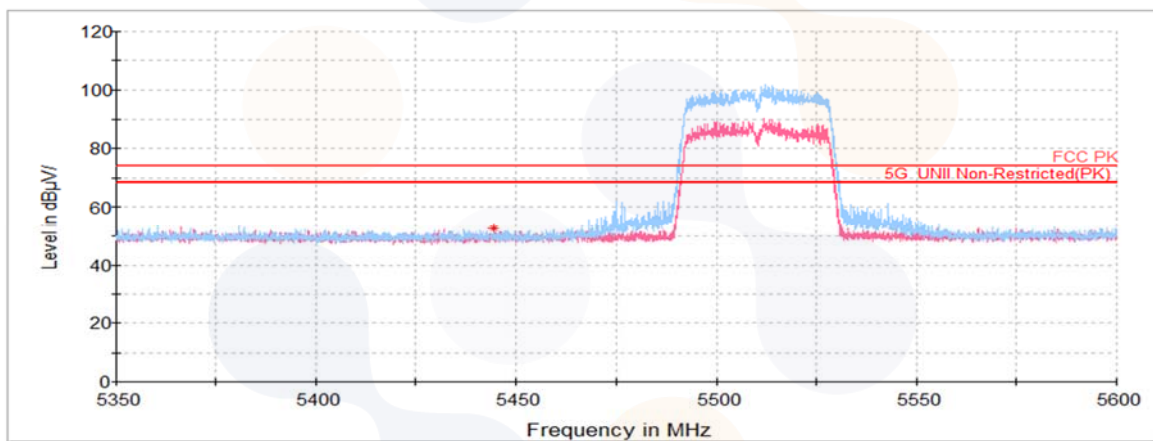
802.11ac_VHT40_Lowest Channel (5 510 MHz)

Average data



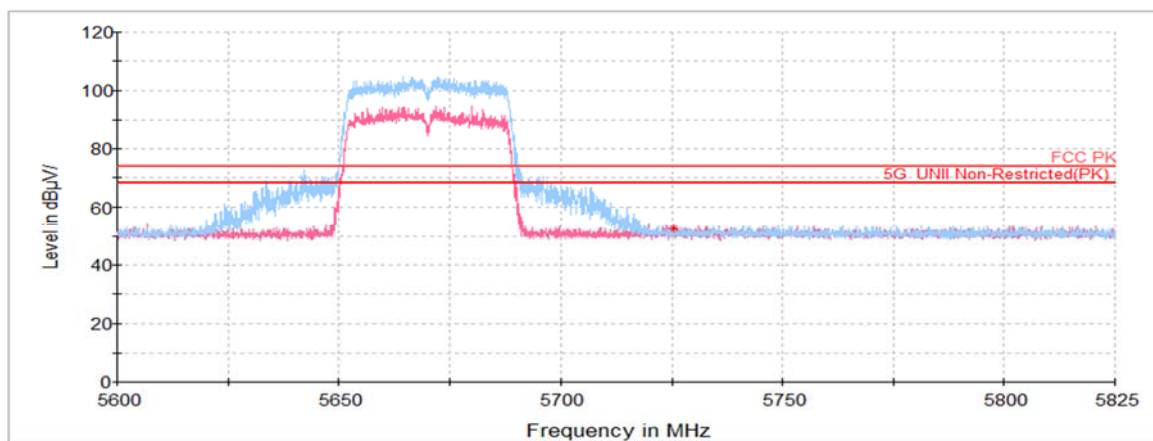
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Horizontal/Vertical for Band-edge



Highest Channel (5 670 MHz)

Horizontal/Vertical for Band-edge



802.11ac_VHT80_Lowest Channel (5 530 MHz)

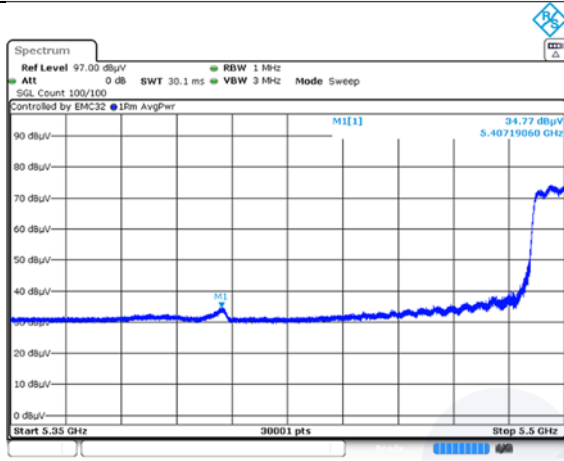
Frequency	Pol.	Reading	Ant. Factor	Amp.+Cable	DCF	Result	Limit	Margin
(MHz)	(V/H)	(dB(μV))	(dB)	(dB)	(dB)	(dB(μV/m))	(dB(μV/m))	(dB)
Peak data								
5 407.19 ¹⁾	H	44.52	34.43	-23.66	-	55.29	74.00	18.71
11 035.98 ¹⁾	H	58.99	37.93	-48.61	-	48.31	74.00	25.69
16 530.68	V	56.52	41.23	-46.15	-	51.60	68.20	16.60
Average Data								
5 407.19 ¹⁾	H	34.77	34.43	-23.66	4.13	49.67	54.00	4.33

802.11ac_VHT80_Highest Channel (5 610 MHz)

Frequency	Pol.	Reading	Ant. Factor	Amp.+Cable	DCF	Result	Limit	Margin
(MHz)	(V/H)	(dB(μV))	(dB)	(dB)	(dB)	(dB(μV/m))	(dB(μV/m))	(dB)
Peak data								
5 733.18	H	47.00	34.87	-23.10	-	58.77	68.20	9.43
11 244.90 ¹⁾	H	58.65	38.10	-48.57	-	48.18	74.00	25.82
16 850.00	V	56.19	41.55	-46.00	-	51.74	68.20	16.46
Average Data								
No spurious emissions were detected within 20 dB of the limit.								

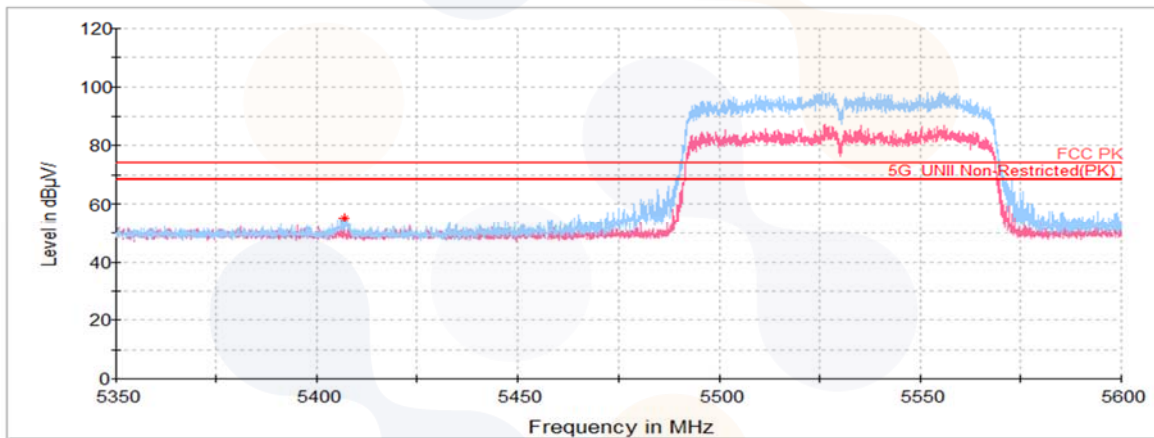
802.11ac_VHT80_Lowest Channel (5 530 MHz)

Average data



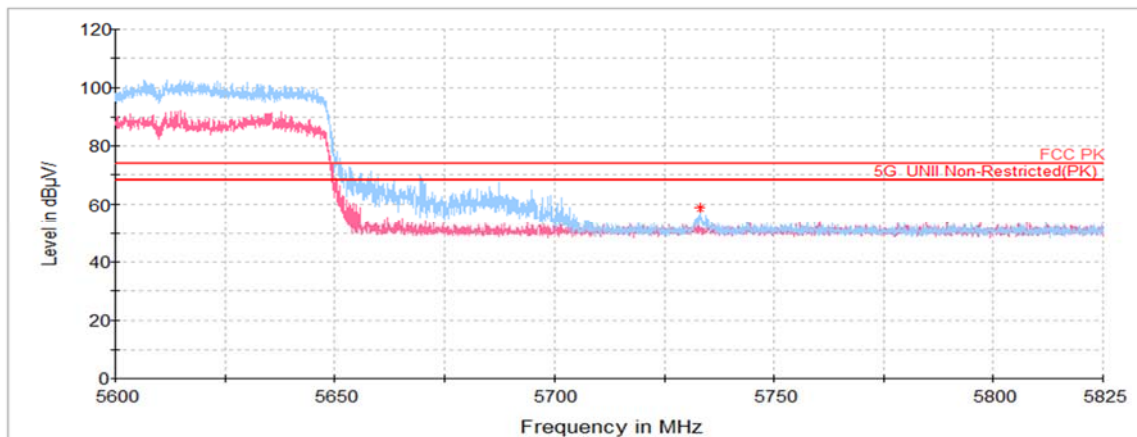
Blank

Horizontal/Vertical for Band-edge



Highest Channel (5 610 MHz)

Horizontal/Vertical for Band-edge



UNII-2C MIMO**802.11n_HT20_Lowest Channel (5 500 MHz)**

Frequency	Pol.	Reading	Ant. Factor	Amp.+Cable	DCF	Result	Limit	Margin
(MHz)	(V/H)	(dB(μV))	(dB)	(dB)	(dB)	(dB(μV/m))	(dB(μV/m))	(dB)
Peak data								
5 458.27 ¹⁾	H	41.01	34.47	-23.28	-	52.20	74.00	21.80
10 997.27 ¹⁾	V	58.19	37.90	-48.61	-	47.48	74.00	26.52
16 521.87	H	56.96	41.22	-46.16	-	52.02	68.20	16.18
Average Data								
5 458.27 ¹⁾	H	33.09	34.47	-23.28	1.44	45.72	54.00	8.28

802.11n_HT20_Middle Channel (5 600 MHz)

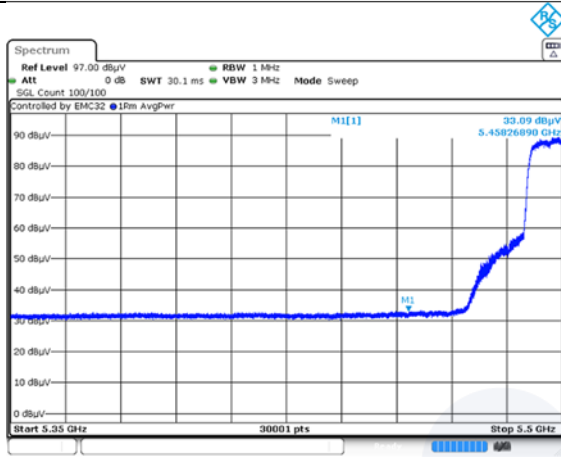
Frequency	Pol.	Reading	Ant. Factor	Amp.+Cable	DCF	Result	Limit	Margin
(MHz)	(V/H)	(dB(μV))	(dB)	(dB)	(dB)	(dB(μV/m))	(dB(μV/m))	(dB)
Peak data								
11 181.65 ¹⁾	V	58.69	38.05	-48.58	-	48.16	74.00	25.84
16 787.52	V	56.33	41.49	-46.03	-	51.79	68.20	16.41
Average Data								
No spurious emissions were detected within 20 dB of the limit.								

802.11n_HT20_Highest Channel (5 700 MHz)

Frequency	Pol.	Reading	Ant. Factor	Amp.+Cable	DCF	Result	Limit	Margin
(MHz)	(V/H)	(dB(μV))	(dB)	(dB)	(dB)	(dB(μV/m))	(dB(μV/m))	(dB)
Peak data								
5 730.62	H	42.96	34.87	-23.11	-	54.72	68.20	13.48
11 400.92 ¹⁾	V	58.48	38.22	-48.54	-	48.16	74.00	25.84
17 133.28	V	54.92	41.45	-45.78	-	50.59	68.20	17.61
Average Data								
No spurious emissions were detected within 20 dB of the limit.								

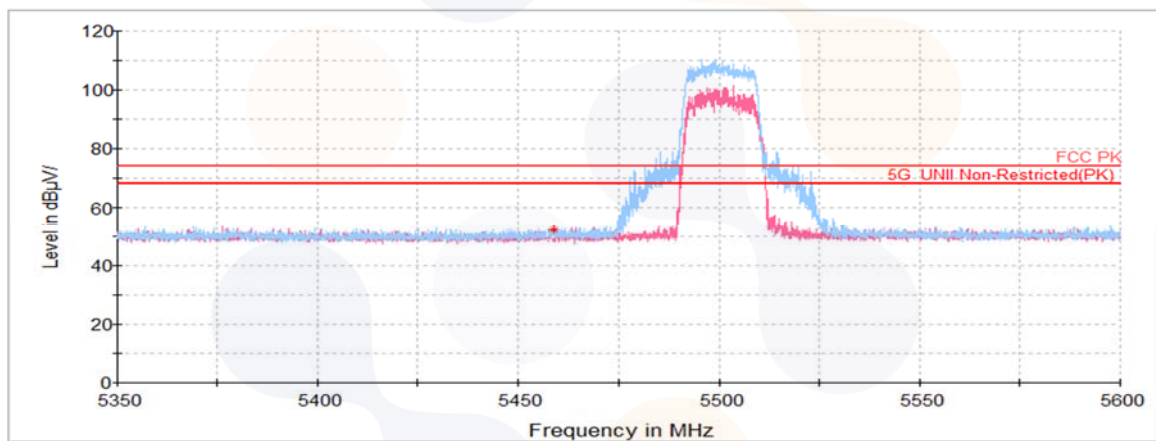
802.11n_HT20_Lowest Channel (5 500 MHz)

Average data



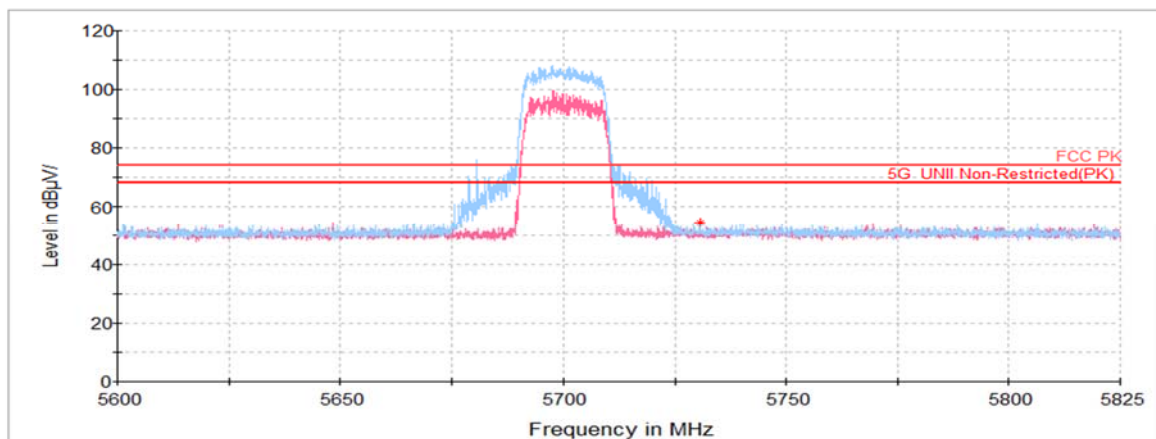
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Horizontal/Vertical for Band-edge



Highest Channel (5 700 MHz)

Horizontal/Vertical for Band-edge



802.11n_HT40_Lowest Channel (5 510 MHz)

Frequency	Pol.	Reading	Ant. Factor	Amp.+Cable	DCF	Result	Limit	Margin
(MHz)	(V/H)	(dB(μV))	(dB)	(dB)	(dB)	(dB(μV/m))	(dB(μV/m))	(dB)
Peak data								
5 459.94 ¹⁾	H	45.65	34.47	-23.26	-	56.86	74.00	17.14
11 033.30 ¹⁾	V	58.82	37.93	-48.61	-	48.14	74.00	25.86
16 552.92	H	57.42	41.25	-46.14	-	52.53	68.20	15.67
Average Data								
5 459.94 ¹⁾	H	38.24	34.47	-23.26	2.54	51.99	54.00	2.01

802.11n_HT40_Middle Channel (5 590 MHz)

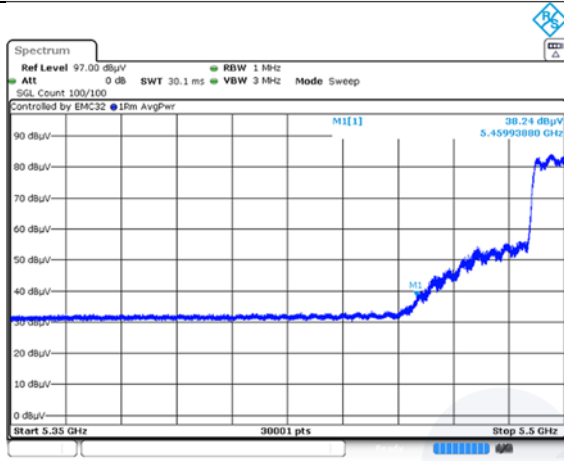
Frequency	Pol.	Reading	Ant. Factor	Amp.+Cable	DCF	Result	Limit	Margin
(MHz)	(V/H)	(dB(μV))	(dB)	(dB)	(dB)	(dB(μV/m))	(dB(μV/m))	(dB)
Peak data								
11 157.50 ¹⁾	V	58.68	38.03	-48.59	-	48.12	74.00	25.88
16 799.78	V	55.86	41.50	-46.03	-	51.33	68.20	16.87
Average Data								
No spurious emissions were detected within 20 dB of the limit.								

802.11n_HT40_Highest Channel (5 670 MHz)

Frequency	Pol.	Reading	Ant. Factor	Amp.+Cable	DCF	Result	Limit	Margin
(MHz)	(V/H)	(dB(μV))	(dB)	(dB)	(dB)	(dB(μV/m))	(dB(μV/m))	(dB)
Peak data								
5 726.75	H	41.59	34.86	-23.13	-	53.32	68.20	14.88
11 375.23 ¹⁾	H	58.96	38.20	-48.54	-	48.62	74.00	25.38
17 004.10	V	56.17	41.40	-45.93	-	51.64	68.20	16.56
Average Data								
No spurious emissions were detected within 20 dB of the limit.								

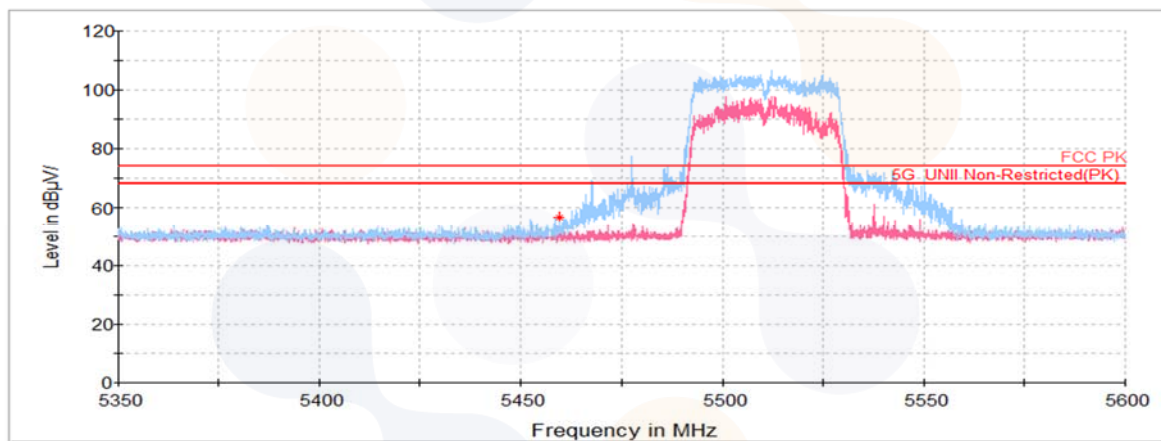
802.11n_HT40_Lowest Channel (5 510 MHz)

Average data



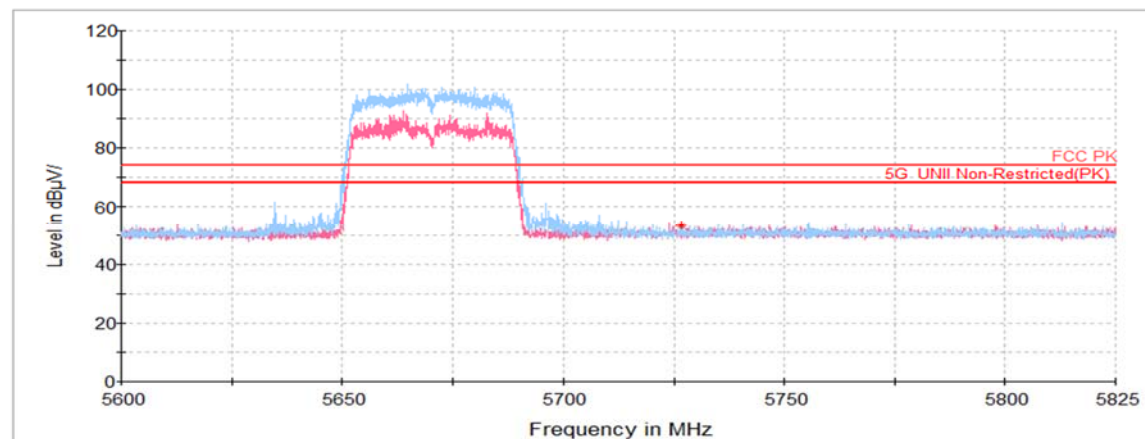
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Horizontal/Vertical for Band-edge



Highest Channel (5 670 MHz)

Horizontal/Vertical for Band-edge



802.11ac_VHT20_Lowest Channel (5 500 MHz)

Frequency	Pol.	Reading	Ant. Factor	Amp.+Cable	DCF	Result	Limit	Margin
(MHz)	(V/H)	(dB(μV))	(dB)	(dB)	(dB)	(dB(μV/m))	(dB(μV/m))	(dB)
Peak data								
5 443.68 ¹⁾	H	42.74	34.45	-23.38	-	53.81	74.00	20.19
10 988.07 ¹⁾	H	59.47	37.89	-48.61	-	48.75	74.00	25.25
16 531.07	V	55.62	41.23	-46.15	-	50.70	68.20	17.50
Average Data								
5 443.68 ¹⁾	H	32.74	34.45	-23.38	2.45	46.26	54.00	7.74

802.11ac_VHT20_Middle Channel (5 600 MHz)

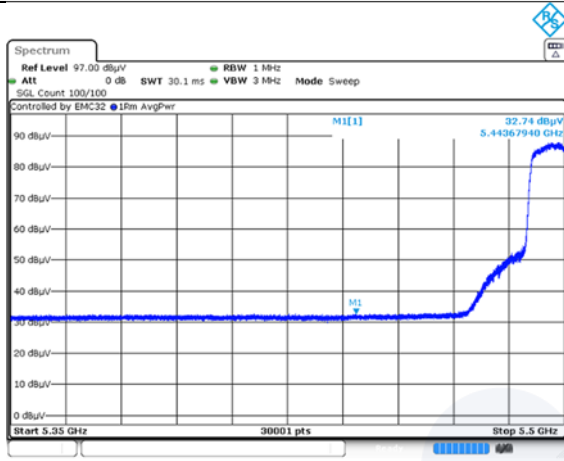
Frequency	Pol.	Reading	Ant. Factor	Amp.+Cable	DCF	Result	Limit	Margin
(MHz)	(V/H)	(dB(μV))	(dB)	(dB)	(dB)	(dB(μV/m))	(dB(μV/m))	(dB)
Peak data								
11 157.50 ¹⁾	V	58.68	38.03	-48.59	-	48.12	74.00	25.88
16 799.78	V	55.86	41.50	-46.03	-	51.33	68.20	16.87
Average Data								
No spurious emissions were detected within 20 dB of the limit.								

802.11ac_VHT20_Highest Channel (5 700 MHz)

Frequency	Pol.	Reading	Ant. Factor	Amp.+Cable	DCF	Result	Limit	Margin
(MHz)	(V/H)	(dB(μV))	(dB)	(dB)	(dB)	(dB(μV/m))	(dB(μV/m))	(dB)
Peak data								
5 725.44	H	46.86	34.86	-23.14	-	58.58	68.20	9.62
11 407.05 ¹⁾	H	58.86	38.23	-48.54	-	48.55	74.00	25.45
17 117.18	H	55.59	41.45	-45.80	-	51.24	68.20	16.96
Average Data								
No spurious emissions were detected within 20 dB of the limit.								

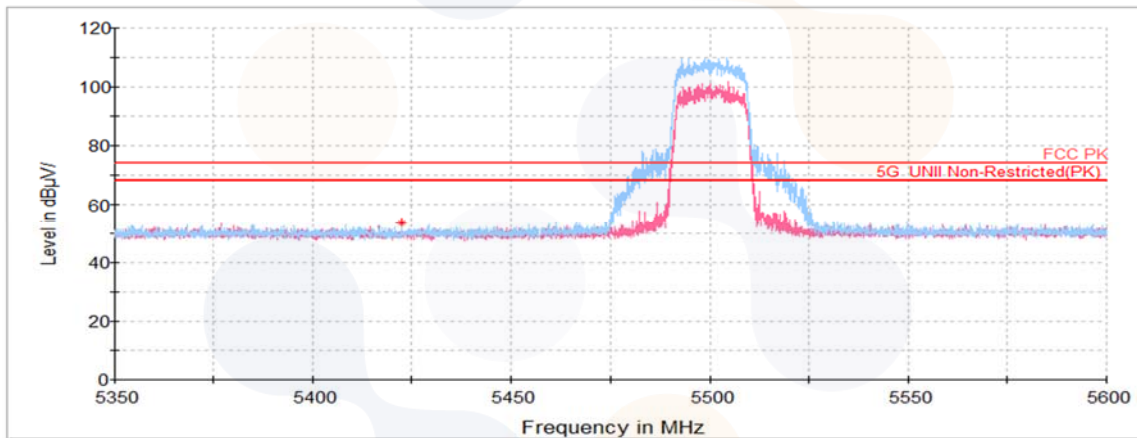
802.11ac_VHT20_Lowest Channel (5 500 MHz)

Average data



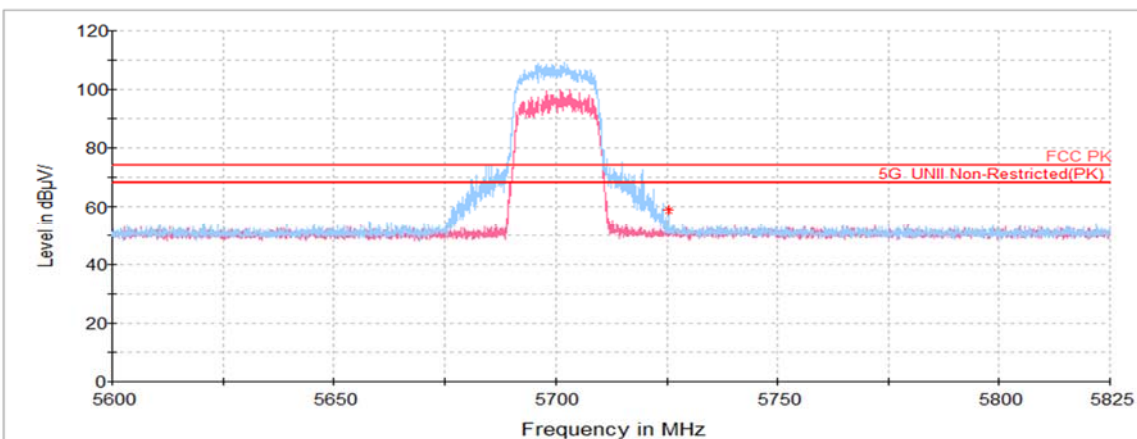
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Horizontal/Vertical for Band-edge



Highest Channel (5 700 MHz)

Horizontal/Vertical for Band-edge



802.11ac_VHT40_Lowest Channel (5 510 MHz)

Frequency	Pol.	Reading	Ant. Factor	Amp.+Cable	DCF	Result	Limit	Margin
(MHz)	(V/H)	(dB(μV))	(dB)	(dB)	(dB)	(dB(μV/m))	(dB(μV/m))	(dB)
Peak data								
5 459.89 ¹⁾	H	45.35	34.47	-23.26	-	56.56	74.00	17.44
11 030.23 ¹⁾	H	58.81	37.92	-48.61	-	48.12	74.00	25.88
16 578.98	H	56.21	41.28	-46.13	-	51.36	68.20	16.84
Average Data								
5 459.89 ¹⁾	H	34.60	34.47	-23.26	3.91	49.72	54.00	4.28

802.11ac_VHT40_Middle Channel (5 590 MHz)

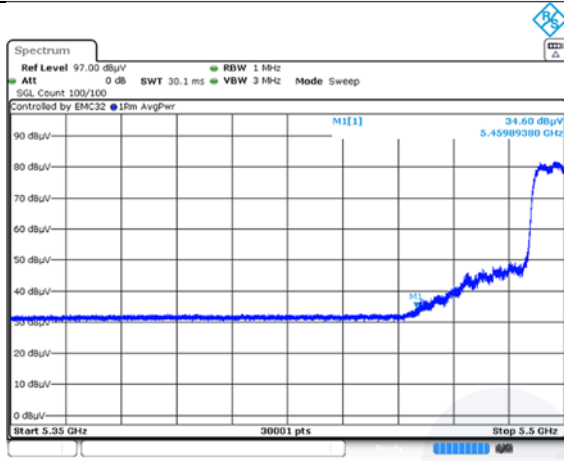
Frequency	Pol.	Reading	Ant. Factor	Amp.+Cable	DCF	Result	Limit	Margin
(MHz)	(V/H)	(dB(μV))	(dB)	(dB)	(dB)	(dB(μV/m))	(dB(μV/m))	(dB)
Peak data								
11 197.75 ¹⁾	H	58.91	38.06	-48.58	-	48.39	74.00	25.61
16 794.42	H	56.42	41.49	-46.03	-	51.88	68.20	16.32
Average Data								
No spurious emissions were detected within 20 dB of the limit.								

802.11ac_VHT40_Highest Channel (5 670 MHz)

Frequency	Pol.	Reading	Ant. Factor	Amp.+Cable	DCF	Result	Limit	Margin
(MHz)	(V/H)	(dB(μV))	(dB)	(dB)	(dB)	(dB(μV/m))	(dB(μV/m))	(dB)
Peak data								
5 744.29	H	41.55	34.89	-23.04	-	53.40	68.20	14.80
11 375.23 ¹⁾	V	58.51	38.20	-48.54	-	48.17	74.00	25.83
17 039.37	V	55.19	41.42	-45.89	-	50.72	68.20	17.48
Average Data								
No spurious emissions were detected within 20 dB of the limit.								

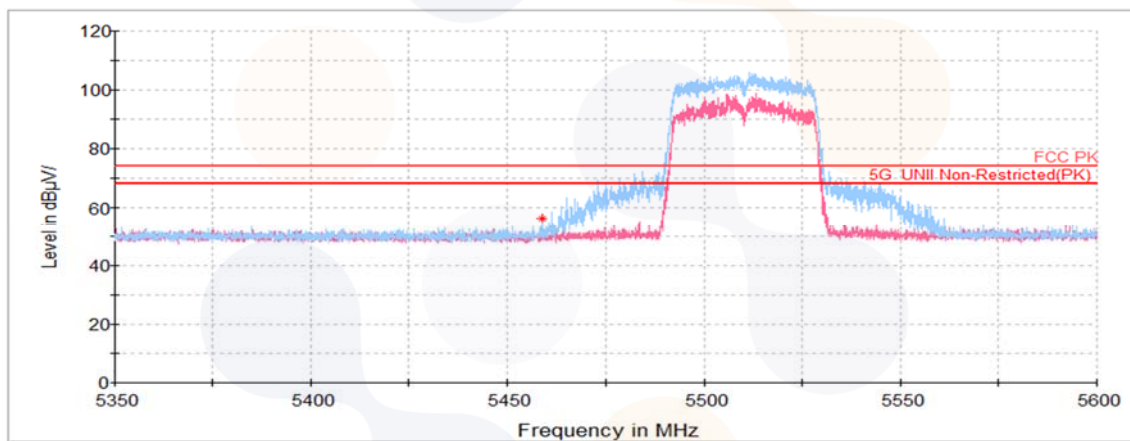
802.11ac_VHT40_Lowest Channel (5 510 MHz)

Average data



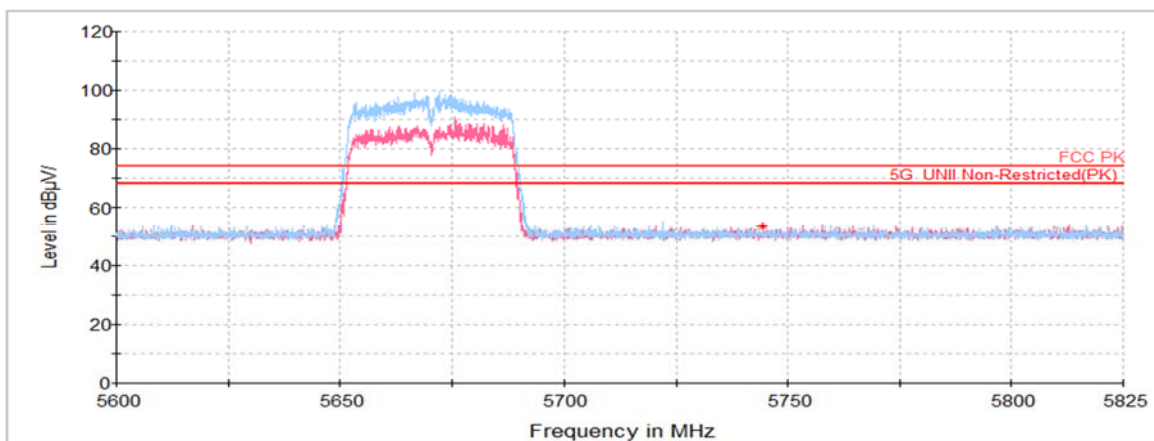
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Horizontal/Vertical for Band-edge



Highest Channel (5 670 MHz)

Horizontal/Vertical for Band-edge



802.11ac_VHT80_Lowest Channel (5 530 MHz)

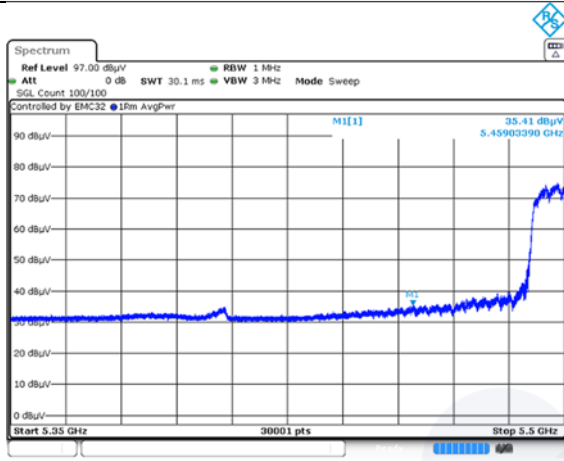
Frequency	Pol.	Reading	Ant. Factor	Amp.+Cable	DCF	Result	Limit	Margin
(MHz)	(V/H)	(dB(μV))	(dB)	(dB)	(dB)	(dB(μV/m))	(dB(μV/m))	(dB)
Peak data								
5 459.03 ¹⁾	H	45.34	34.47	-23.27	-	56.54	74.00	17.46
11 017.20 ¹⁾	H	58.60	37.91	-48.61	-	47.90	74.00	26.10
16 572.08	V	56.27	41.27	-46.13	-	51.41	68.20	16.79
Average Data								
5 459.03 ¹⁾	H	35.41	34.47	-23.27	5.72	52.33	54.00	1.67

802.11ac_VHT80_Highest Channel (5 610 MHz)

Frequency	Pol.	Reading	Ant. Factor	Amp.+Cable	DCF	Result	Limit	Margin
(MHz)	(V/H)	(dB(μV))	(dB)	(dB)	(dB)	(dB(μV/m))	(dB(μV/m))	(dB)
Peak data								
5 725.15	H	42.08	34.86	-23.14	-	53.80	68.20	14.40
11 224.97 ¹⁾	V	58.72	38.08	-48.57	-	48.23	74.00	25.77
16 853.07	V	56.37	41.55	-46.00	-	51.92	68.20	16.28
Average Data								
No spurious emissions were detected within 20 dB of the limit.								

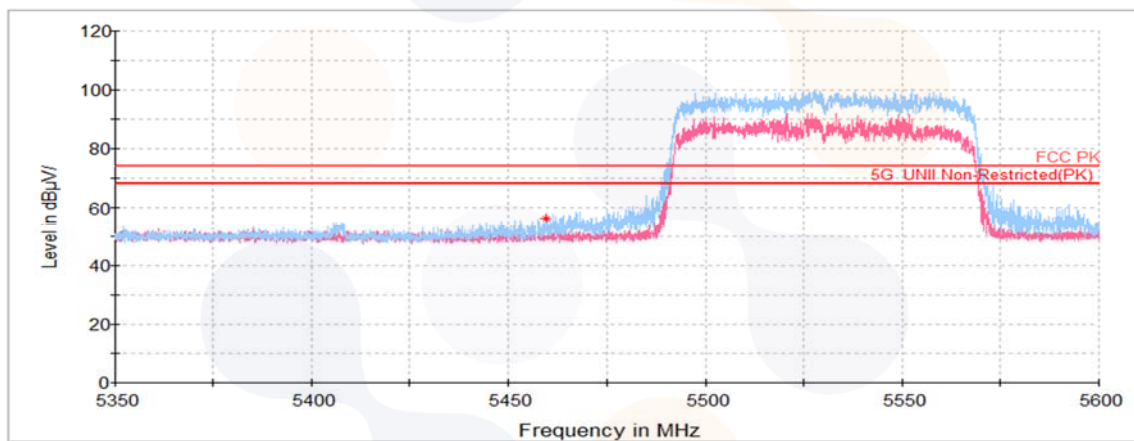
802.11ac_VHT80_Lowest Channel (5 530 MHz)

Average data



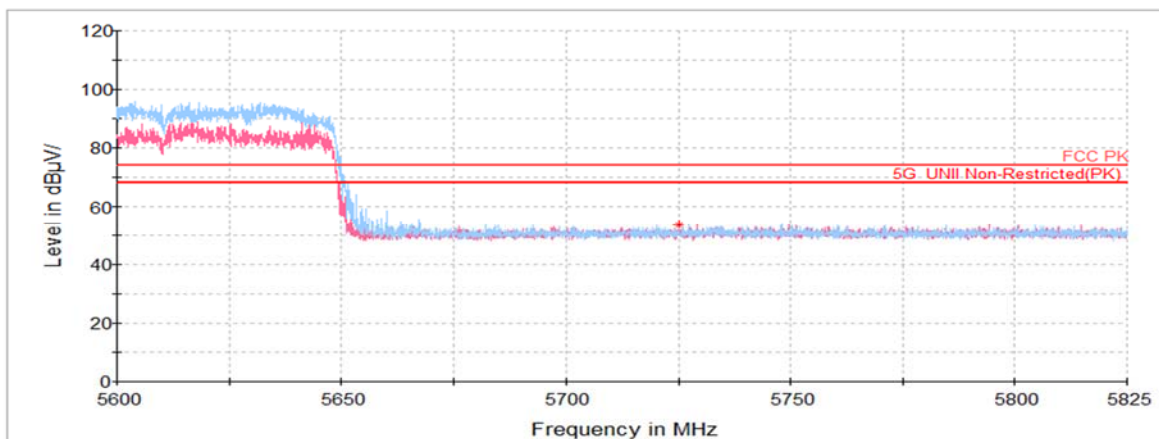
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Horizontal/Vertical for Band-edge



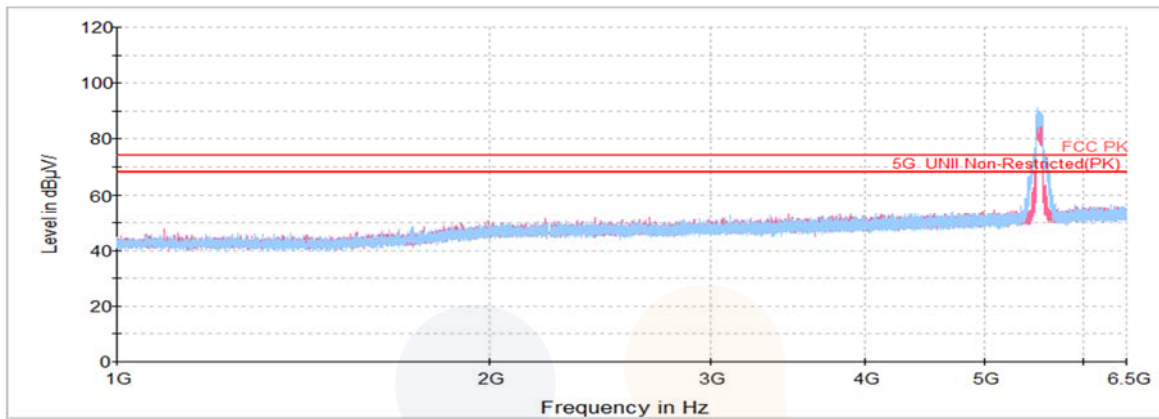
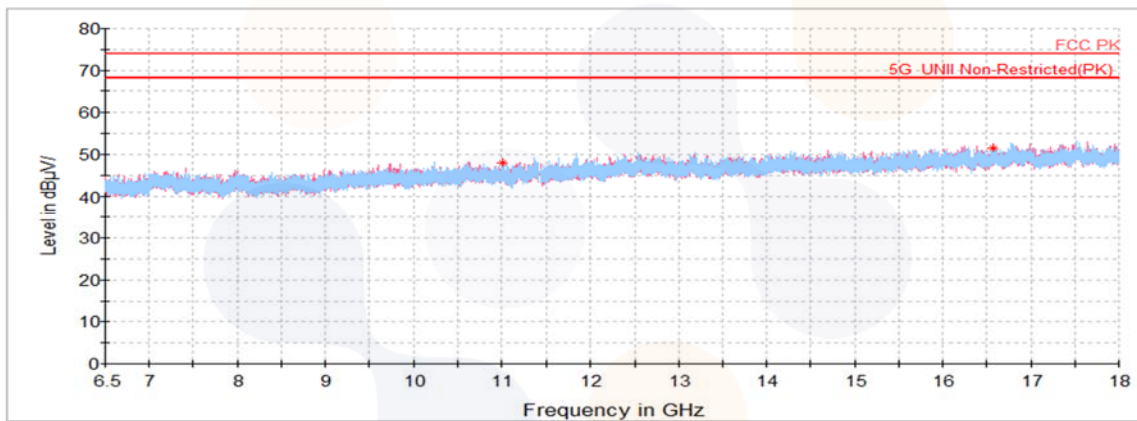
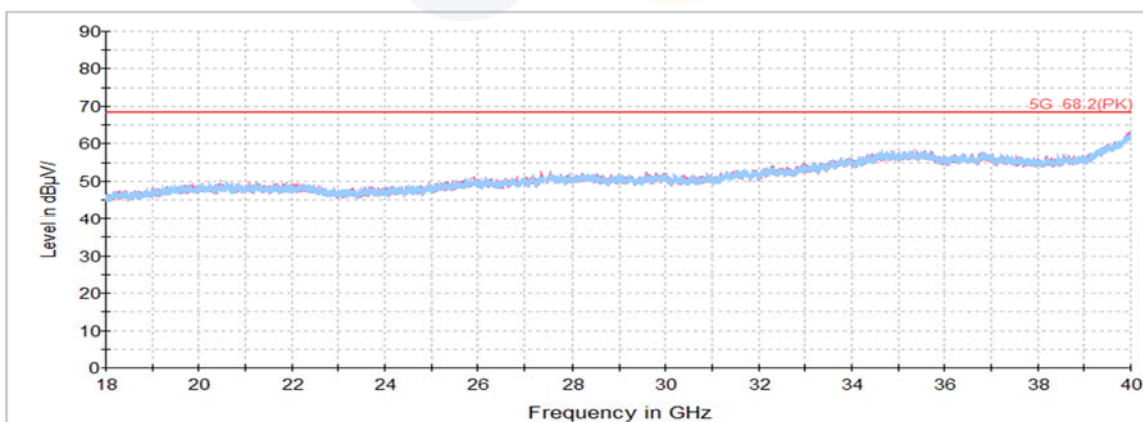
Highest Channel (5 610 MHz)

Horizontal/Vertical for Band-edge



Plot of Harmonics and Spurious Emissions

In order to simplify the report, attached plots were only the lowest margin condition
802.11ac_VHT80_UNII-2C_MIMO_Low Channel (5 530 MHz)

Horizontal/Vertical for 1 GHz ~ 6.5 GHz**Horizontal/Vertical for 6.5 GHz ~ 18 GHz****Horizontal/Vertical for 18 GHz ~ 40 GHz**

In SISO mode, we tested both Ant 1 and Ant 2, but attached only the data of ANT 1 with the highest conducted output power to simplify the report.

Straddle Channel SISO ANT 1

802.11a (5 720 MHz)

Frequency	Pol.	Reading	Ant. Factor	Amp.+Cable	DCF	Result	Limit	Margin
(MHz)	(V/H)	(dB(μV))	(dB)	(dB)	(dB)	(dB(μV/m))	(dB(μV/m))	(dB)
Peak data								
11 407.05 ¹⁾	V	60.77	38.23	-48.54	-	50.46	74.00	23.54
17 103.00	H	55.65	41.44	-45.81	-	51.28	68.20	16.92
Average Data								
No spurious emissions were detected within 20 dB of the limit.								

802.11n_HT20 (5 720 MHz)

Frequency	Pol.	Reading	Ant. Factor	Amp.+Cable	DCF	Result	Limit	Margin
(MHz)	(V/H)	(dB(μV))	(dB)	(dB)	(dB)	(dB(μV/m))	(dB(μV/m))	(dB)
Peak data								
11 423.53 ¹⁾	V	58.57	38.24	-48.53	-	48.28	74.00	25.72
17 125.62	V	56.27	41.45	-45.79	-	51.93	68.20	16.27
Average Data								
No spurious emissions were detected within 20 dB of the limit.								

802.11n_HT40 (5 710 MHz)

Frequency	Pol.	Reading	Ant. Factor	Amp.+Cable	DCF	Result	Limit	Margin
(MHz)	(V/H)	(dB(μV))	(dB)	(dB)	(dB)	(dB(μV/m))	(dB(μV/m))	(dB)
Peak data								
11 490.23 ¹⁾	V	59.45	38.29	-48.52	-	49.22	74.00	24.78
17 138.27	H	56.54	41.46	-45.77	-	52.23	68.20	15.97
Average Data								
No spurious emissions were detected within 20 dB of the limit.								

802.11ac_VHT20 (5 720 MHz)

Frequency	Pol.	Reading	Ant. Factor	Amp.+Cable	DCF	Result	Limit	Margin
(MHz)	(V/H)	(dB(μV))	(dB)	(dB)	(dB)	(dB(μV/m))	(dB(μV/m))	(dB)
Peak data								
11 477.97 ¹⁾	V	58.07	38.28	-48.52	-	47.83	74.00	26.17
17 154.37	V	56.69	41.46	-45.75	-	52.40	68.20	15.80
Average Data								
No spurious emissions were detected within 20 dB of the limit.								

802.11ac_VHT40 (5 710 MHz)

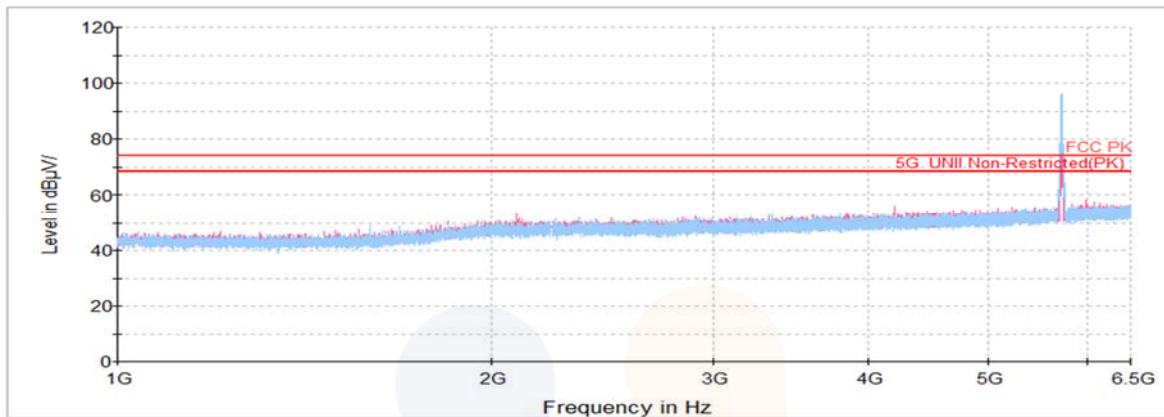
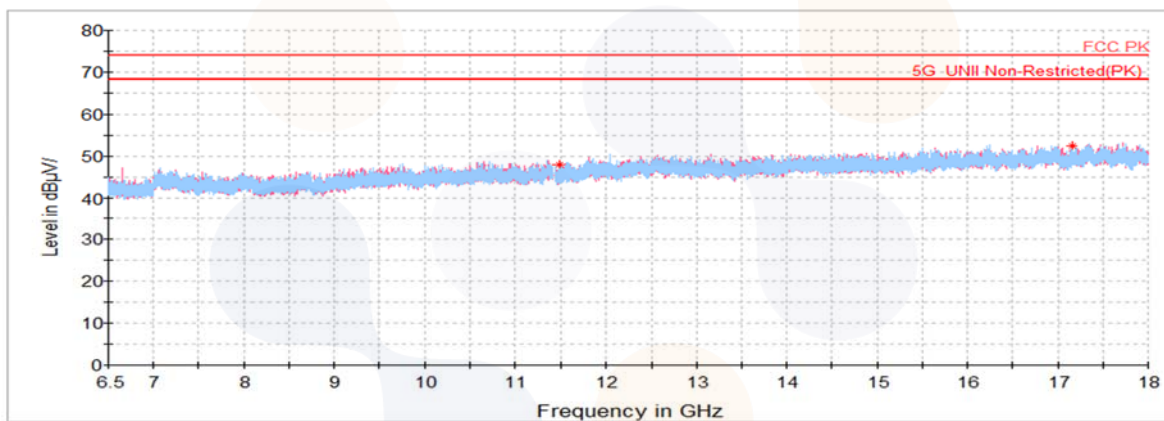
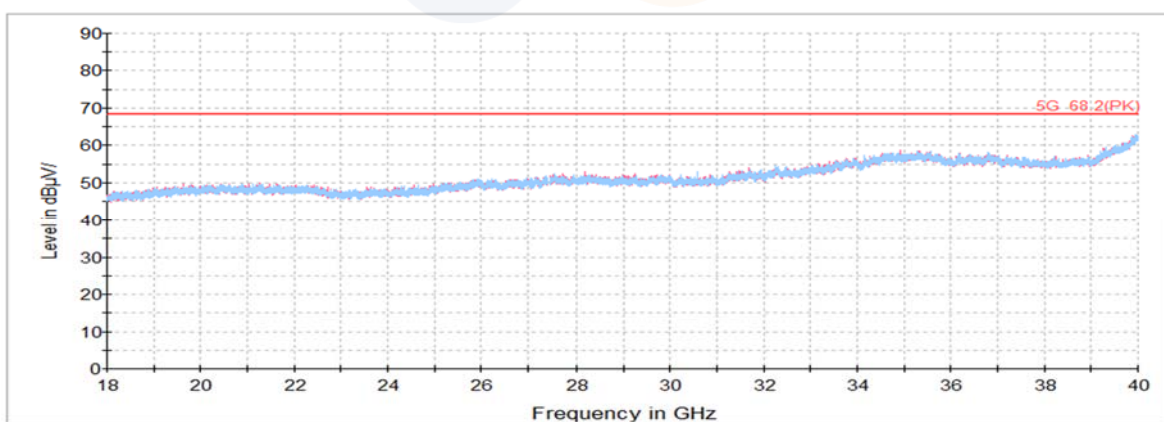
Frequency	Pol.	Reading	Ant. Factor	Amp.+Cable	DCF	Result	Limit	Margin
(MHz)	(V/H)	(dB(μ V))	(dB)	(dB)	(dB)	(dB(μ V/m))	(dB(μ V/m))	(dB)
Peak data								
11 479.12 ¹⁾	H	58.97	38.28	-48.52	-	48.73	74.00	25.27
17 148.62	H	56.15	41.46	-45.76	-	51.85	68.20	16.35
Average Data								
No spurious emissions were detected within 20 dB of the limit.								

802.11ac_VHT80 (5 690 MHz)

Frequency	Pol.	Reading	Ant. Factor	Amp.+Cable	DCF	Result	Limit	Margin
(MHz)	(V/H)	(dB(μ V))	(dB)	(dB)	(dB)	(dB(μ V/m))	(dB(μ V/m))	(dB)
Peak data								
11 362.58 ¹⁾	H	59.14	38.19	-48.55	-	48.78	74.00	25.22
17 078.08	H	55.32	41.43	-45.84	-	50.91	68.20	17.29
Average Data								
No spurious emissions were detected within 20 dB of the limit.								

Plot of Harmonics and Spurious Emissions

In order to simplify the report, attached plots were only the lowest margin condition
802.11ac_VHT20_Straddle Channel (5 720 MHz)

Horizontal/Vertical for 1 GHz ~ 6.5 GHz**Horizontal/Vertical for 6.5 GHz ~ 18 GHz****Horizontal/Vertical for 18 GHz ~ 40 GHz**

Straddle Channel MIMO**802.11n_HT20 (5 720 MHz)**

Frequency	Pol.	Reading	Ant. Factor	Amp.+Cable	DCF	Result	Limit	Margin
(MHz)	(V/H)	(dB(μV))	(dB)	(dB)	(dB)	(dB(μV/m))	(dB(μV/m))	(dB)
Peak data								
11 450.37 ¹⁾	V	52.40	38.70	-42.17	-	48.93	74.00	25.07
17 159.73	H	49.80	37.88	-37.36	-	50.32	68.20	17.88
Average Data								
No spurious emissions were detected within 20 dB of the limit.								

802.11n_HT40 (5 710 MHz)

Frequency	Pol.	Reading	Ant. Factor	Amp.+Cable	DCF	Result	Limit	Margin
(MHz)	(V/H)	(dB(μV))	(dB)	(dB)	(dB)	(dB(μV/m))	(dB(μV/m))	(dB)
Peak data								
11 513.23 ¹⁾	H	51.90	38.57	-42.16	-	48.31	74.00	25.69
17 128.68	H	49.90	38.00	-37.41	-	50.49	68.20	17.71
Average Data								
No spurious emissions were detected within 20 dB of the limit.								

802.11ac_VHT20 (5 720 MHz)

Frequency	Pol.	Reading	Ant. Factor	Amp.+Cable	DCF	Result	Limit	Margin
(MHz)	(V/H)	(dB(μV))	(dB)	(dB)	(dB)	(dB(μV/m))	(dB(μV/m))	(dB)
Peak data								
11 449.60 ¹⁾	H	52.30	38.70	-42.17	-	48.83	74.00	25.17
17 168.17	H	49.90	37.86	-37.35	-	50.41	68.20	17.79
Average Data								
No spurious emissions were detected within 20 dB of the limit.								

802.11ac_VHT40 (5 710 MHz)

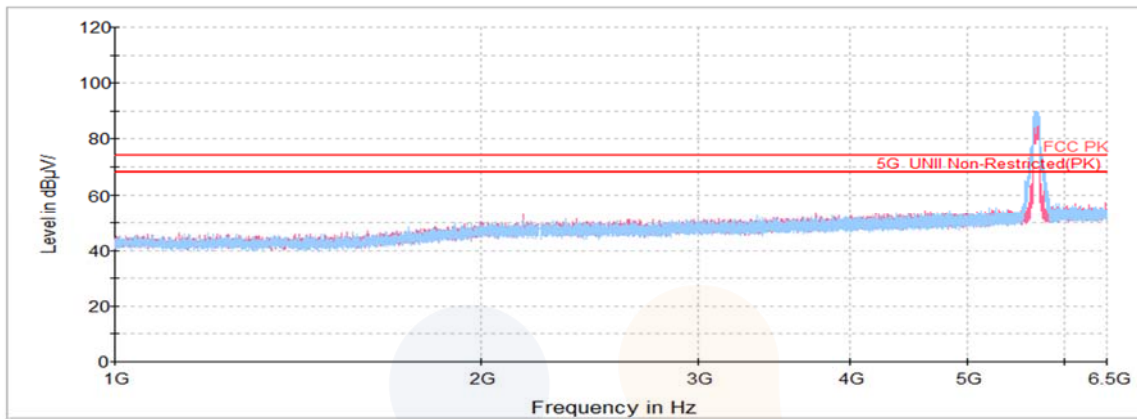
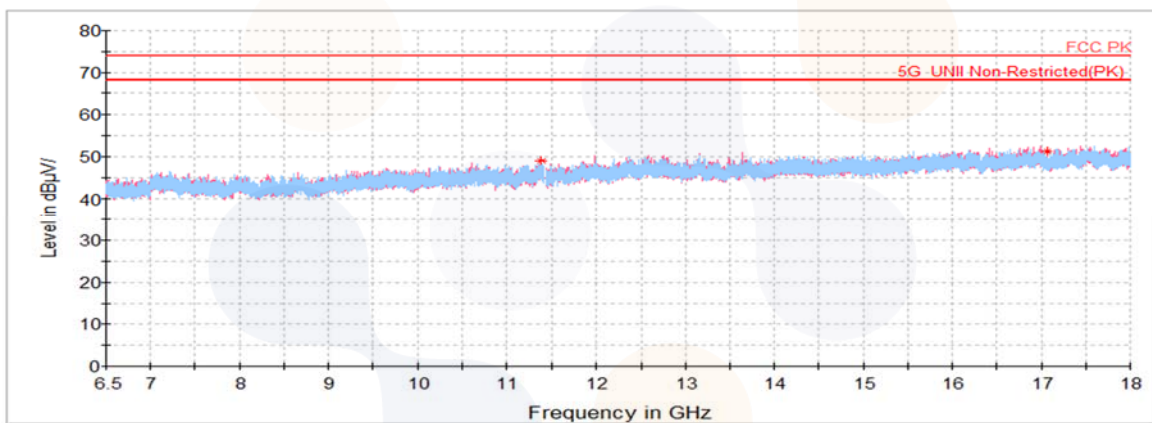
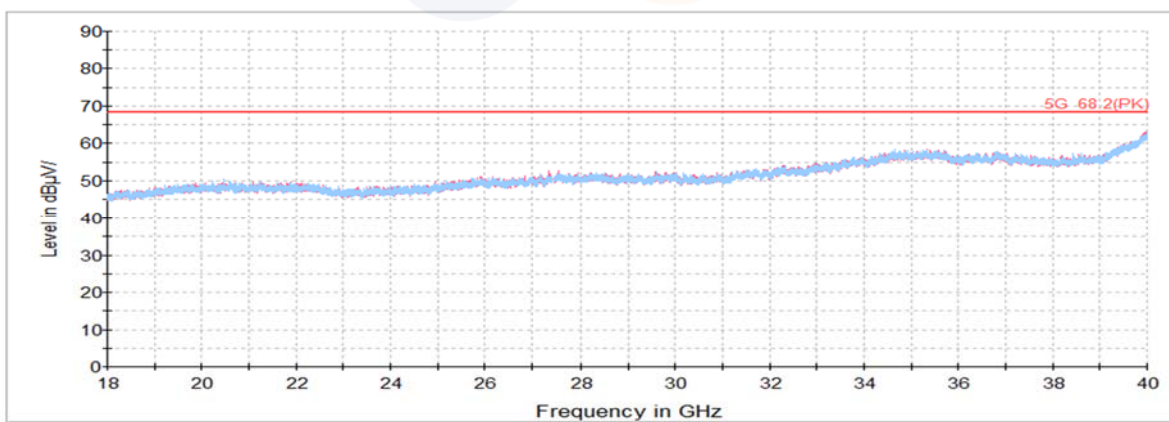
Frequency	Pol.	Reading	Ant. Factor	Amp.+Cable	DCF	Result	Limit	Margin
(MHz)	(V/H)	(dB(μV))	(dB)	(dB)	(dB)	(dB(μV/m))	(dB(μV/m))	(dB)
Peak data								
11 469.92 ¹⁾	H	51.60	38.70	-42.18	-	48.12	74.00	25.88
17 132.13	V	50.50	38.00	-37.40	-	51.10	68.20	17.10
Average Data								
No spurious emissions were detected within 20 dB of the limit.								

802.11ac_VHT80 (5 690 MHz)

Frequency	Pol.	Reading	Ant. Factor	Amp.+Cable	DCF	Result	Limit	Margin
(MHz)	(V/H)	(dB(μV))	(dB)	(dB)	(dB)	(dB(μV/m))	(dB(μV/m))	(dB)
Peak data								
11 300.10 ¹⁾	V	53.40	38.60	-42.10	-	49.90	74.00	24.10
17 075.40	V	50.70	38.05	-37.49	-	51.26	68.20	16.94
Average Data								
No spurious emissions were detected within 20 dB of the limit.								

Plot of Harmonics and Spurious Emissions

In order to simplify the report, attached plots were only the lowest margin condition
802.11ac_VHT80 Straddle Channel (5 690 MHz)

Horizontal/Vertical for 1 GHz ~ 6.5 GHz**Horizontal/Vertical for 6.5 GHz ~ 18 GHz****Horizontal/Vertical for 18 GHz ~ 40 GHz**

In SISO mode, we tested both Ant 1 and Ant 2, but attached only the data of ANT 1 with the highest conducted output power to simplify the report.

UNII-3 SISO ANT 1

802.11a_Lowest Channel (5 745 MHz)

Frequency	Pol.	Reading	Ant. Factor	Amp.+Cable	DCF	Result	Limit	Margin
(MHz)	(V/H)	(dB(μV))	(dB)	(dB)	(dB)	(dB(μV/m))	(dB(μV/m))	(dB)
Peak data								
5 724.67	H	62.36	34.86	-23.14	-	74.08	121.45	47.37
11 500.58 ¹⁾	V	58.40	38.30	-48.52	-	48.18	74.00	25.82
17 233.33	V	55.71	41.49	-45.66	-	51.54	68.20	16.66
Average Data								
No spurious emissions were detected within 20 dB of the limit.								

802.11a_Middle Channel (5 785 MHz)

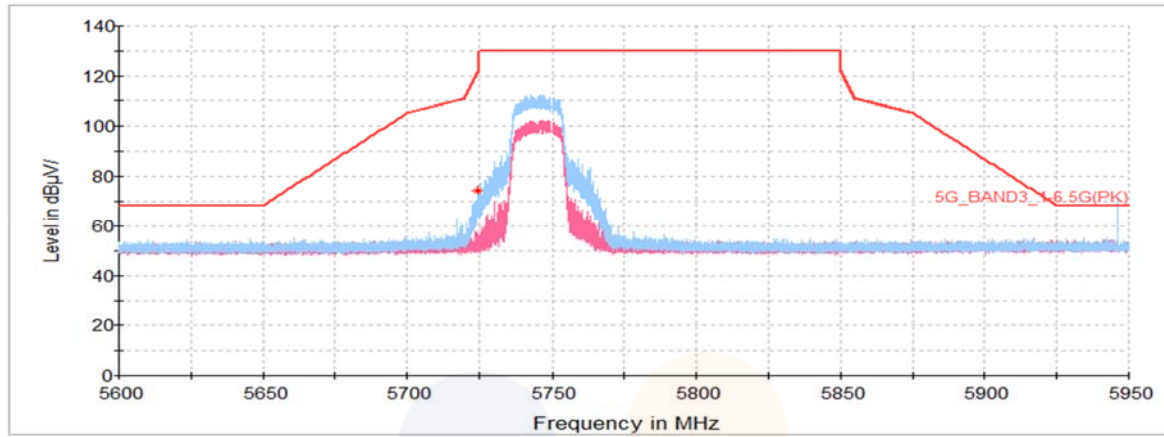
Frequency	Pol.	Reading	Ant. Factor	Amp.+Cable	DCF	Result	Limit	Margin
(MHz)	(V/H)	(dB(μV))	(dB)	(dB)	(dB)	(dB(μV/m))	(dB(μV/m))	(dB)
Peak data								
11 557.70 ¹⁾	V	59.55	38.37	-48.56	-	49.36	74.00	24.64
17 318.05	V	57.44	41.53	-45.56	-	53.41	68.20	14.79
Average Data								
No spurious emissions were detected within 20 dB of the limit.								

802.11a_Highest Channel (5 825 MHz)

Frequency	Pol.	Reading	Ant. Factor	Amp.+Cable	DCF	Result	Limit	Margin
(MHz)	(V/H)	(dB(μV))	(dB)	(dB)	(dB)	(dB(μV/m))	(dB(μV/m))	(dB)
Peak data								
5 851.88	H	49.92	35.06	-22.89	-	62.09	117.91	55.82
11 650.08 ¹⁾	H	58.17	38.48	-48.64	-	48.01	74.00	25.99
17 469.47	V	57.96	41.59	-45.39	-	54.16	68.20	14.04
Average Data								
No spurious emissions were detected within 20 dB of the limit.								

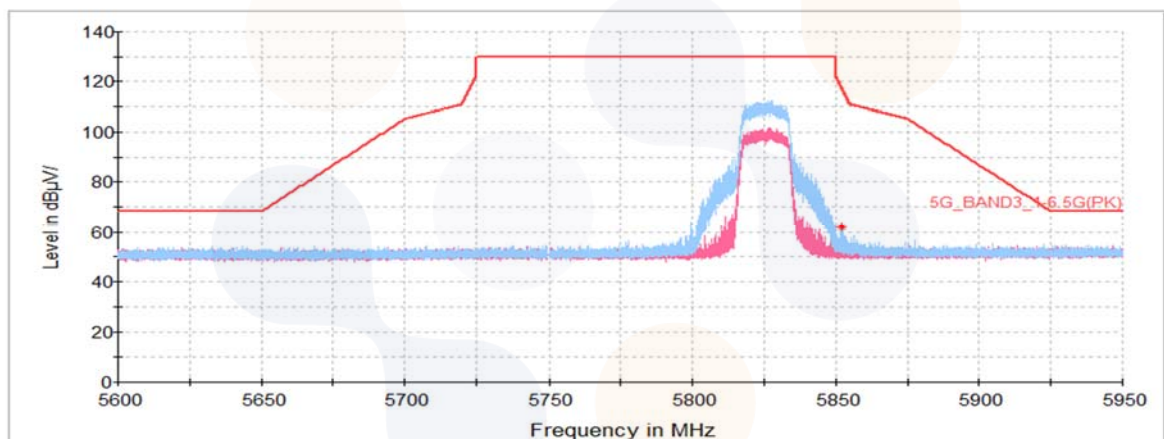
802.11a_Lowest Channel (5 745 MHz)

Horizontal/Vertical for Band-edge



802.11a_Highest Channel (5 825 MHz)

Horizontal/Vertical for Band-edge



802.11n_HT20_Lowest Channel (5 745 MHz)

Frequency	Pol.	Reading	Ant. Factor	Amp.+Cable	DCF	Result	Limit	Margin
(MHz)	(V/H)	(dB(μV))	(dB)	(dB)	(dB)	(dB(μV/m))	(dB(μV/m))	(dB)
Peak data								
5 724.57	H	60.89	34.86	-23.15	-	72.60	121.21	48.61
11 546.97 ¹⁾	H	59.27	38.36	-48.56	-	49.07	74.00	24.93
17 249.43	V	56.55	41.50	-45.64	-	52.41	68.20	15.79
Average Data								
No spurious emissions were detected within 20 dB of the limit.								

802.11n_HT20_Middle Channel (5 785 MHz)

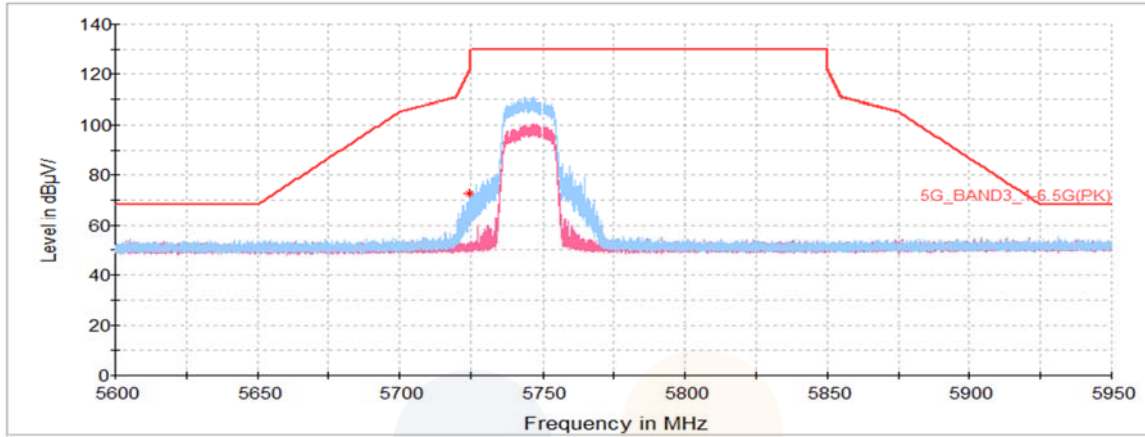
Frequency	Pol.	Reading	Ant. Factor	Amp.+Cable	DCF	Result	Limit	Margin
(MHz)	(V/H)	(dB(μV))	(dB)	(dB)	(dB)	(dB(μV/m))	(dB(μV/m))	(dB)
Peak data								
11 575.72 ¹⁾	V	58.76	38.39	-48.58	-	48.57	74.00	25.43
17 357.92	V	57.37	41.54	-45.52	-	53.39	68.20	14.81
Average Data								
No spurious emissions were detected within 20 dB of the limit.								

802.11n_HT20_Highest Channel (5 825 MHz)

Frequency	Pol.	Reading	Ant. Factor	Amp.+Cable	DCF	Result	Limit	Margin
(MHz)	(V/H)	(dB(μV))	(dB)	(dB)	(dB)	(dB(μV/m))	(dB(μV/m))	(dB)
Peak data								
5 850.37	H	53.48	35.06	-22.88	-	65.66	121.36	55.71
11 633.22 ¹⁾	V	58.81	38.46	-48.62	-	48.65	74.00	25.35
17 481.35	V	57.36	41.59	-45.37	-	53.58	68.20	14.62
Average Data								
No spurious emissions were detected within 20 dB of the limit.								

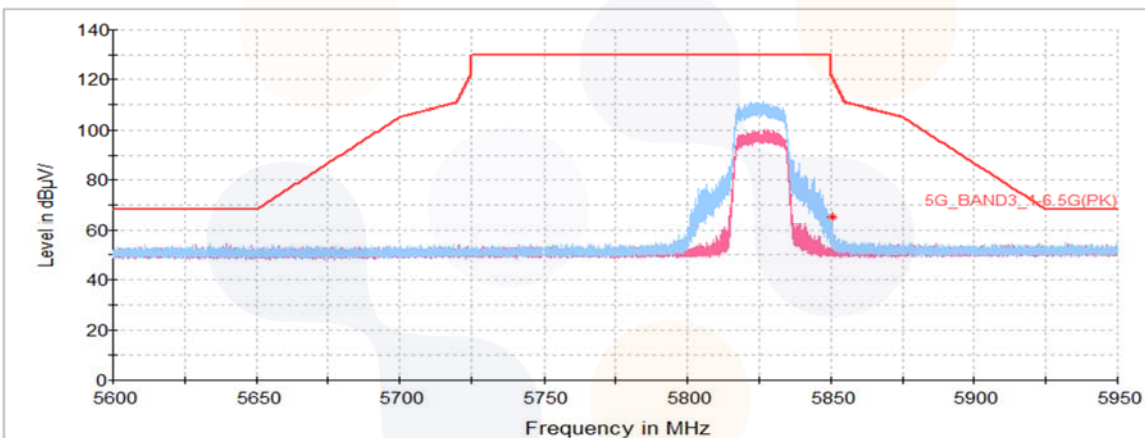
802.11n_HT20_Lowest Channel (5 745 MHz)

Horizontal/Vertical for Band-edge



802.11n_HT20_Highest Channel (5 825 MHz)

Horizontal/Vertical for Band-edge



802.11n_HT40_Lowest Channel (5 755 MHz)

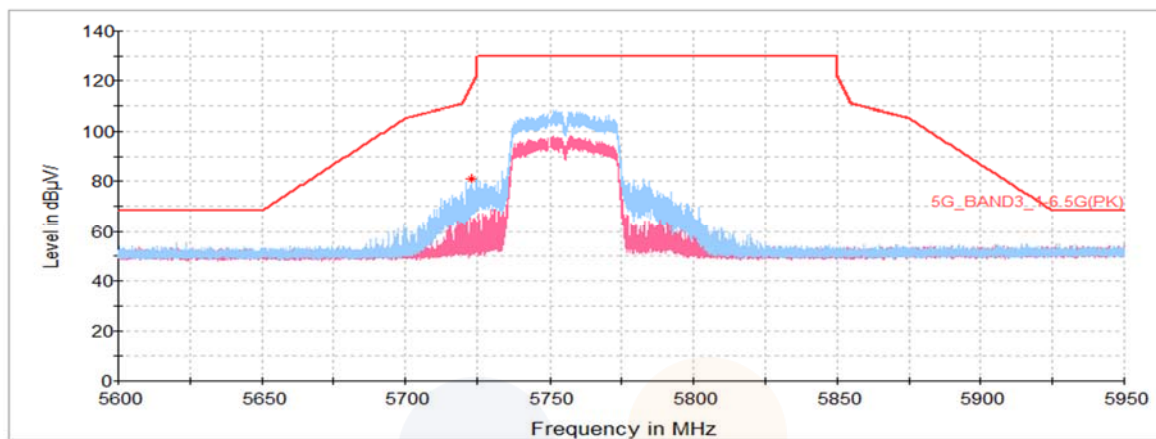
Frequency	Pol.	Reading	Ant. Factor	Amp.+Cable	DCF	Result	Limit	Margin
(MHz)	(V/H)	(dB(μV))	(dB)	(dB)	(dB)	(dB(μV/m))	(dB(μV/m))	(dB)
Peak data								
5 722.96	H	69.23	34.86	-23.15	-	80.94	117.54	36.60
11 517.83 ¹⁾	H	57.99	38.32	-48.53	-	47.78	74.00	26.22
17 216.85	H	56.76	41.49	-45.68	-	52.57	68.20	15.63
Average Data								
No spurious emissions were detected within 20 dB of the limit.								

802.11n_HT40_Highest Channel (5 795 MHz)

Frequency	Pol.	Reading	Ant. Factor	Amp.+Cable	DCF	Result	Limit	Margin
(MHz)	(V/H)	(dB(μV))	(dB)	(dB)	(dB)	(dB(μV/m))	(dB(μV/m))	(dB)
Peak data								
5 852.71	H	49.55	35.06	-22.89	-	61.72	116.02	54.30
11 557.32 ¹⁾	H	59.82	38.37	-48.56	-	49.63	74.00	24.37
17 373.63	H	56.42	41.55	-45.50	-	52.47	68.20	15.73
Average Data								
No spurious emissions were detected within 20 dB of the limit.								

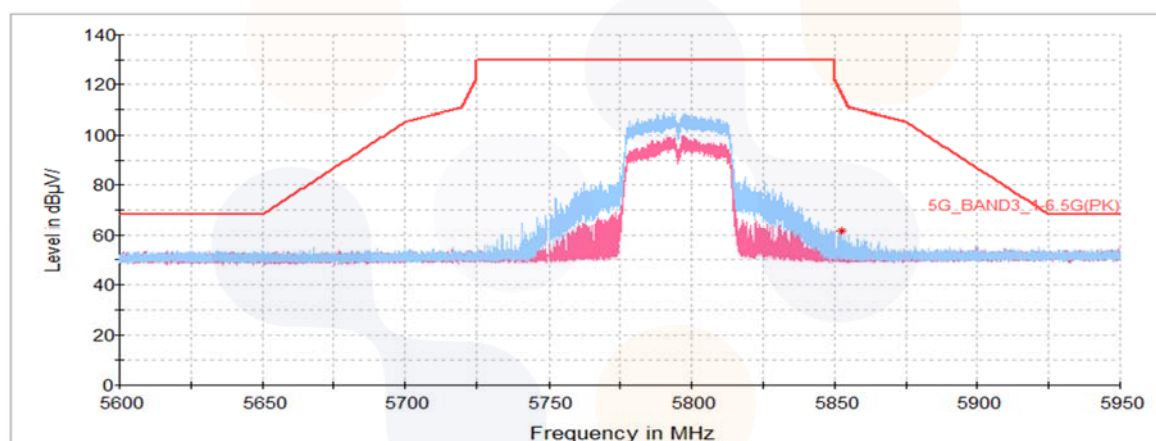
802.11n_HT40_Lowest Channel (5 755 MHz)

Horizontal/Vertical for Band-edge



802.11n_HT40_Highest Channel (5 795 MHz)

Horizontal/Vertical for Band-edge



802.11ac_VHT20_Lowest Channel (5 745 MHz)

Frequency	Pol.	Reading	Ant. Factor	Amp.+Cable	DCF	Result	Limit	Margin
(MHz)	(V/H)	(dB(μV))	(dB)	(dB)	(dB)	(dB(μV/m))	(dB(μV/m))	(dB)
Peak data								
5 724.11	H	61.15	34.86	-23.15	-	72.86	120.17	47.31
11 499.43 ¹⁾	H	58.47	38.30	-48.52	-	48.25	74.00	25.75
17 296.20	V	57.89	41.52	-45.59	-	53.82	68.20	14.38
Average Data								
No spurious emissions were detected within 20 dB of the limit.								

802.11ac_VHT20_Middle Channel (5 785 MHz)

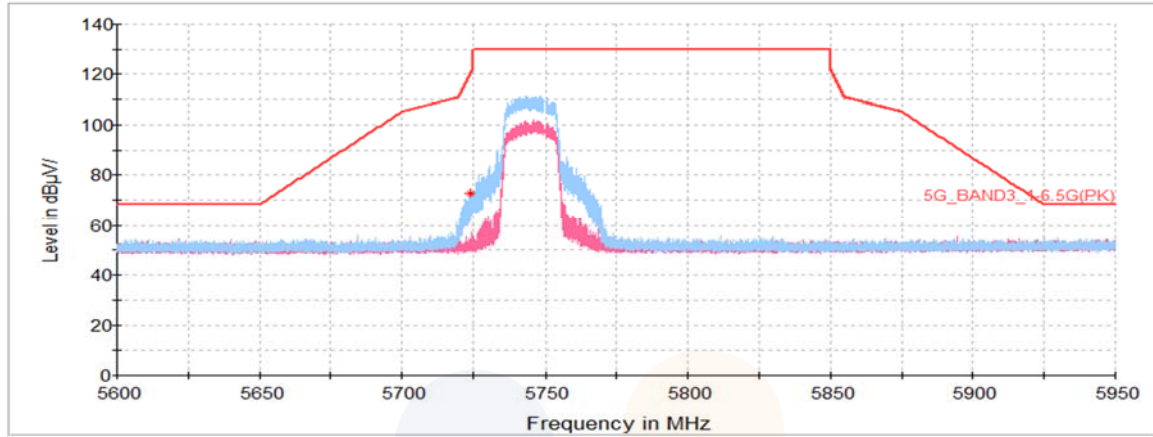
Frequency	Pol.	Reading	Ant. Factor	Amp.+Cable	DCF	Result	Limit	Margin
(MHz)	(V/H)	(dB(μV))	(dB)	(dB)	(dB)	(dB(μV/m))	(dB(μV/m))	(dB)
Peak data								
11 549.65 ¹⁾	H	59.25	38.36	-48.56	-	49.05	74.00	24.95
17 369.42	V	57.45	41.55	-45.50	-	53.50	68.20	14.70
Average Data								
No spurious emissions were detected within 20 dB of the limit.								

802.11ac_VHT20_Highest Channel (5 825 MHz)

Frequency	Pol.	Reading	Ant. Factor	Amp.+Cable	DCF	Result	Limit	Margin
(MHz)	(V/H)	(dB(μV))	(dB)	(dB)	(dB)	(dB(μV/m))	(dB(μV/m))	(dB)
Peak data								
5 850.78	H	52.65	35.06	-22.88	-	64.83	120.43	55.60
11 654.30 ¹⁾	H	58.35	38.49	-48.64	-	48.20	74.00	25.80
17 472.53	V	56.18	41.59	-45.38	-	52.39	68.20	15.81
Average Data								
No spurious emissions were detected within 20 dB of the limit.								

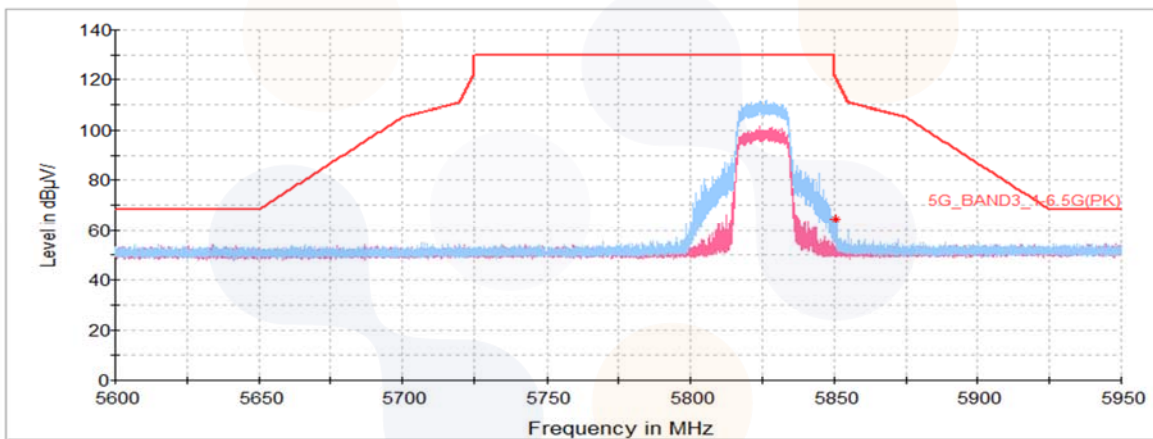
802.11ac_VHT20_Lowest Channel (5 745 MHz)

Horizontal/Vertical for Band-edge



802.11ac_VHT20_Highest Channel (5 825 MHz)

Horizontal/Vertical for Band-edge



802.11ac_VHT40_Lowest Channel (5 755 MHz)

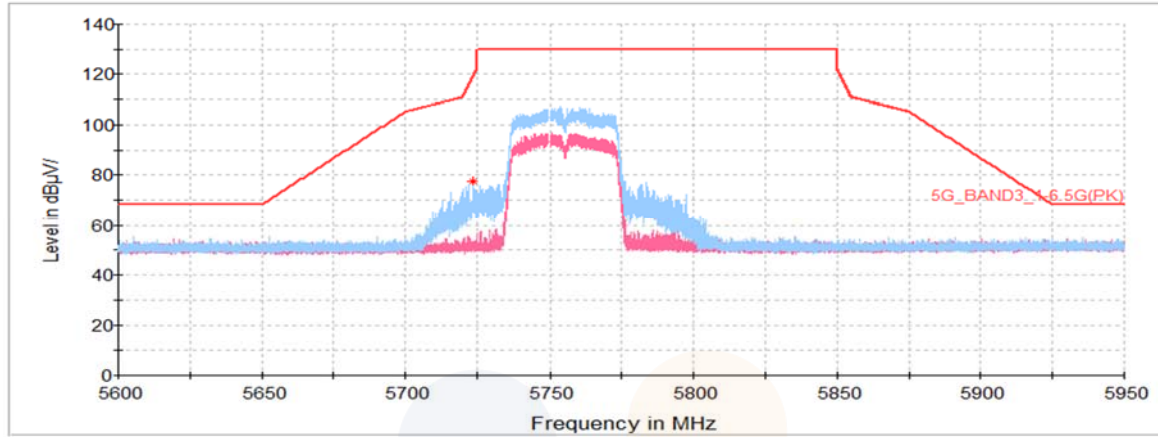
Frequency	Pol.	Reading	Ant. Factor	Amp.+Cable	DCF	Result	Limit	Margin
(MHz)	(V/H)	(dB(μ V))	(dB)	(dB)	(dB)	(dB(μ V/m))	(dB(μ V/m))	(dB)
Peak data								
5 723.78	H	65.57	34.86	-23.15	-	77.28	119.43	42.14
11 568.05 ¹⁾	V	59.54	38.38	-48.57	-	49.35	74.00	24.65
17 254.03	V	55.48	41.50	-45.64	-	51.34	68.20	16.86
Average Data								
No spurious emissions were detected within 20 dB of the limit.								

802.11ac_VHT40_Highest Channel (5 795 MHz)

Frequency	Pol.	Reading	Ant. Factor	Amp.+Cable	DCF	Result	Limit	Margin
(MHz)	(V/H)	(dB(μ V))	(dB)	(dB)	(dB)	(dB(μ V/m))	(dB(μ V/m))	(dB)
Peak data								
5 856.99	H	43.10	35.07	-22.90	-	55.27	110.24	54.97
11 605.62 ¹⁾	H	58.97	38.43	-48.60	-	48.80	74.00	25.20
17 357.53	V	56.70	41.54	-45.52	-	52.72	68.20	15.48
Average Data								
No spurious emissions were detected within 20 dB of the limit.								

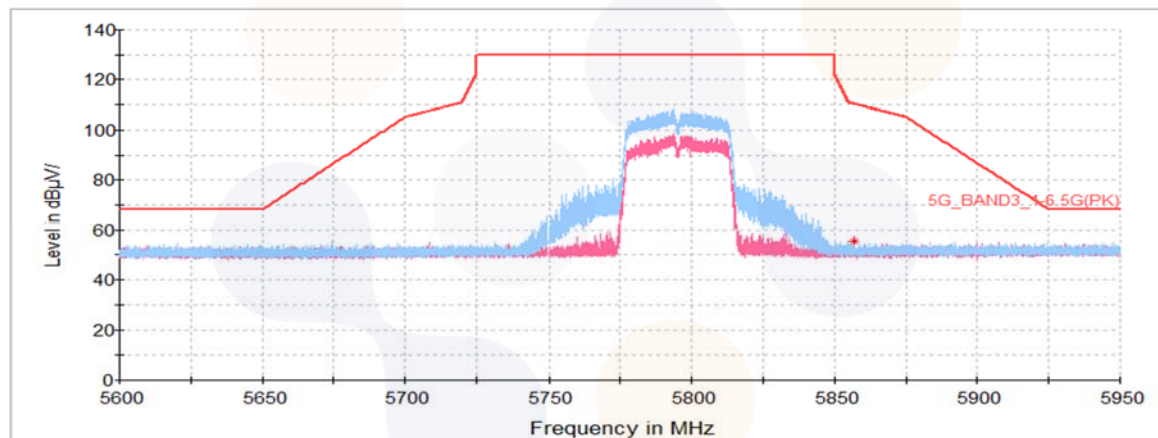
802.11ac_VHT40_Lowest Channel (5 755 MHz)

Horizontal/Vertical for Band-edge



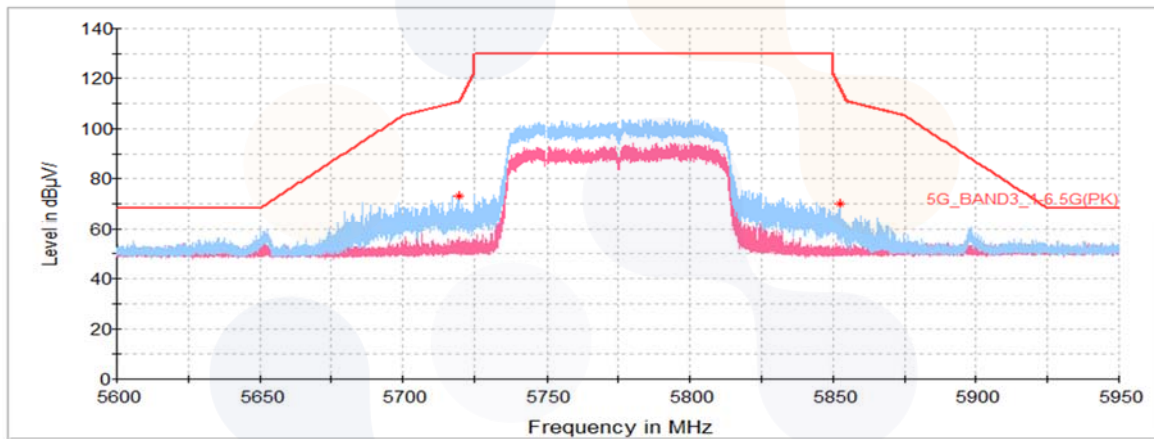
802.11ac_VHT40_Highest Channel (5 795 MHz)

Horizontal/Vertical for Band-edge



802.11ac_VHT80_Middle Channel (5 775 MHz)

Frequency	Pol.	Reading	Ant. Factor	Amp.+Cable	DCF	Result	Limit	Margin
(MHz)	(V/H)	(dB(μ V))	(dB)	(dB)	(dB)	(dB(μ V/m))	(dB(μ V/m))	(dB)
Peak data								
5 719.64	H	61.29	34.85	-23.17	-	72.97	110.70	37.73
5 852.34	H	57.91	35.06	-22.89	-	70.08	116.87	46.79
11 554.25 ¹⁾	V	59.17	38.37	-48.56	-	48.98	74.00	25.02
17 336.45	H	56.75	41.53	-45.54	-	52.74	68.20	15.46
Average Data								
No spurious emissions were detected within 20 dB of the limit.								

Horizontal/Vertical for Band-edge

UNII-3 MIMO**802.11n_HT20_Lowest Channel (5 745 MHz)**

Frequency	Pol.	Reading	Ant. Factor	Amp.+Cable	DCF	Result	Limit	Margin
(MHz)	(V/H)	(dB(μV))	(dB)	(dB)	(dB)	(dB($\mu V/m$))	(dB($\mu V/m$))	(dB)
Peak data								
5 723.82	H	60.08	34.86	-23.15	-	71.79	119.51	47.72
11 500.97 ¹⁾	H	57.90	38.30	-48.52	-	47.68	74.00	26.32
17 267.45	V	56.36	41.51	-45.62	-	52.25	68.20	15.95
Average Data								
No spurious emissions were detected within 20 dB of the limit.								

802.11n_HT20_Middle Channel (5 785 MHz)

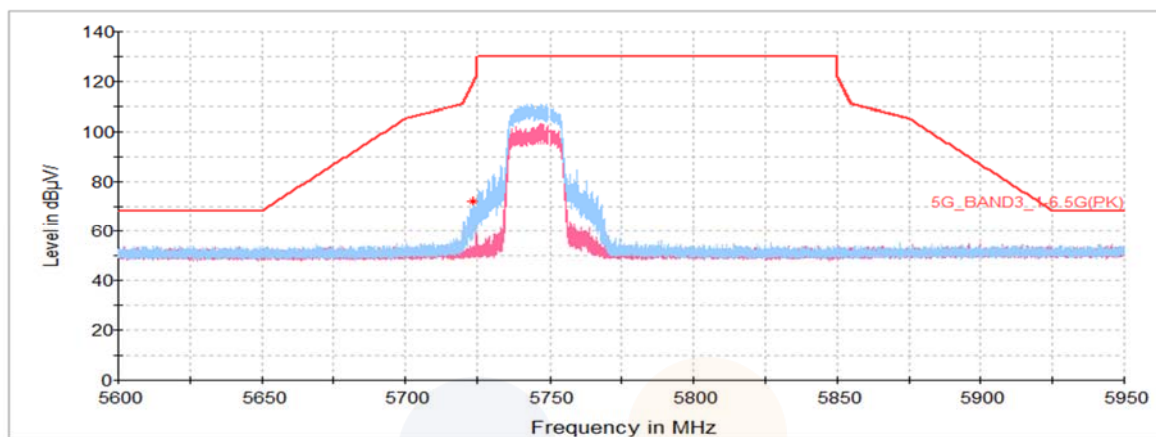
Frequency	Pol.	Reading	Ant. Factor	Amp.+Cable	DCF	Result	Limit	Margin
(MHz)	(V/H)	(dB(μV))	(dB)	(dB)	(dB)	(dB($\mu V/m$))	(dB($\mu V/m$))	(dB)
Peak data								
11 530.87 ¹⁾	H	58.32	38.34	-48.54	-	48.12	74.00	25.88
17 319.20	V	55.92	41.53	-45.56	-	51.89	68.20	16.31
Average Data								
No spurious emissions were detected within 20 dB of the limit.								

802.11n_HT20_Highest Channel (5 825 MHz)

Frequency	Pol.	Reading	Ant. Factor	Amp.+Cable	DCF	Result	Limit	Margin
(MHz)	(V/H)	(dB(μV))	(dB)	(dB)	(dB)	(dB($\mu V/m$))	(dB($\mu V/m$))	(dB)
Peak data								
5 850.38	H	49.64	35.06	-22.88	-	61.82	121.34	59.52
11 648.55 ¹⁾	H	58.59	38.48	-48.63	-	48.44	74.00	25.56
17 487.48	V	55.89	41.59	-45.37	-	52.11	68.20	16.09
Average Data								
No spurious emissions were detected within 20 dB of the limit.								

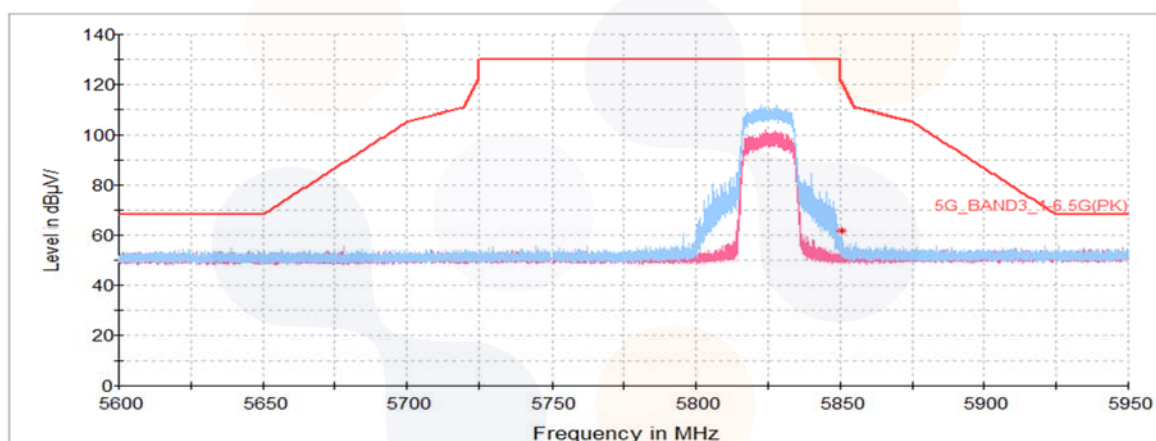
802.11n_HT20_Lowest Channel (5 745 MHz)

Horizontal/Vertical for Band-edge



802.11n_HT20_Highest Channel (5 825 MHz)

Horizontal/Vertical for Band-edge



802.11n_HT40_Lowest Channel (5 755 MHz)

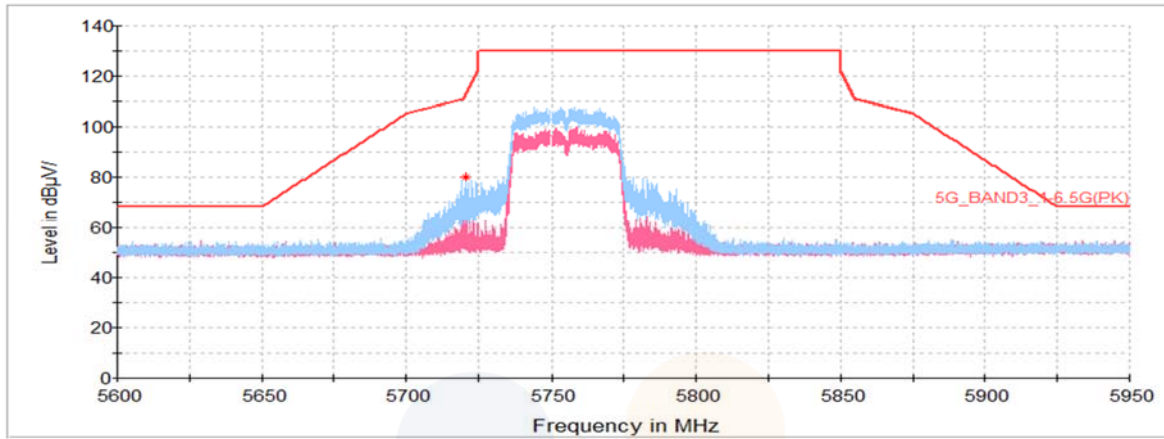
Frequency	Pol.	Reading	Ant. Factor	Amp.+Cable	DCF	Result	Limit	Margin
(MHz)	(V/H)	(dB(μ V))	(dB)	(dB)	(dB)	(dB(μ V/m))	(dB(μ V/m))	(dB)
Peak data								
5 720.63	H	68.21	34.85	-23.17	-	79.89	112.24	32.35
11 558.08 ¹⁾	H	59.07	38.37	-48.56	-	48.88	74.00	25.12
17 232.18	V	55.13	41.49	-45.66	-	50.96	68.20	17.24
Average Data								
No spurious emissions were detected within 20 dB of the limit.								

802.11n_HT40_Highest Channel (5 795 MHz)

Frequency	Pol.	Reading	Ant. Factor	Amp.+Cable	DCF	Result	Limit	Margin
(MHz)	(V/H)	(dB(μ V))	(dB)	(dB)	(dB)	(dB(μ V/m))	(dB(μ V/m))	(dB)
Peak data								
5 852.67	H	41.69	35.06	-22.89	-	53.86	116.12	62.27
11 551.57 ¹⁾	H	59.11	38.36	-48.56	-	48.91	74.00	25.09
17 359.83	V	56.16	41.54	-45.51	-	52.19	68.20	16.01
Average Data								
No spurious emissions were detected within 20 dB of the limit.								

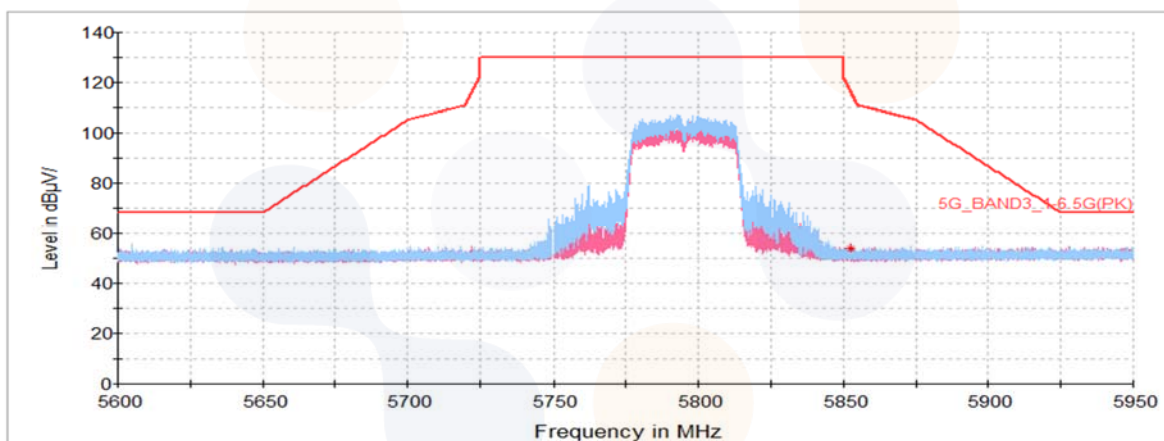
802.11n_HT40_Lowest Channel (5 755 MHz)

Horizontal/Vertical for Band-edge



802.11n_HT40_Highest Channel (5 795 MHz)

Horizontal/Vertical for Band-edge



802.11ac_VHT20_Lowest Channel (5 745 MHz)

Frequency	Pol.	Reading	Ant. Factor	Amp.+Cable	DCF	Result	Limit	Margin
(MHz)	(V/H)	(dB(μ V))	(dB)	(dB)	(dB)	(dB(μ V/m))	(dB(μ V/m))	(dB)
Peak data								
5 724.43	H	57.92	34.86	-23.15	-	69.63	120.89	51.26
11 516.68 ¹⁾	H	57.97	38.32	-48.53	-	47.76	74.00	26.24
17 297.35	V	56.09	41.52	-45.59	-	52.02	68.20	16.18
Average Data								
No spurious emissions were detected within 20 dB of the limit.								

802.11ac_VHT20_Middle Channel (5 785 MHz)

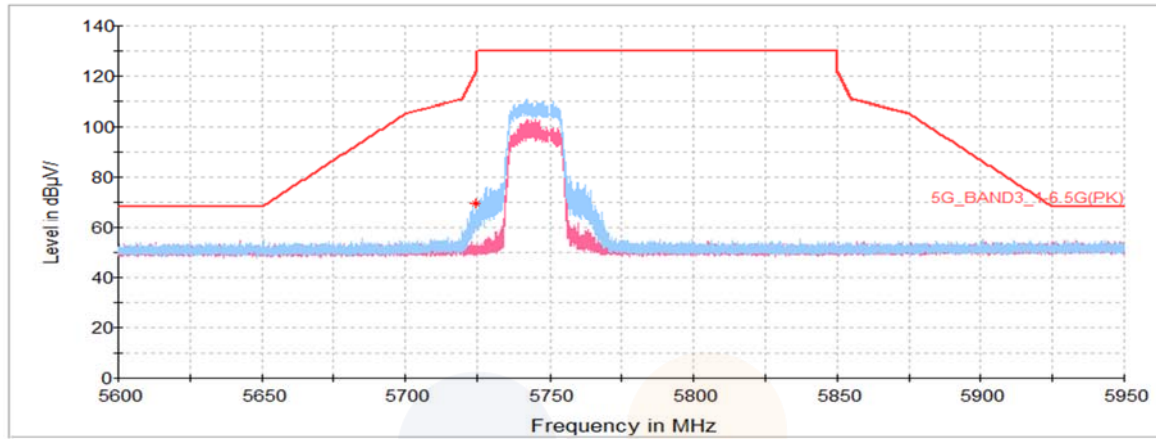
Frequency	Pol.	Reading	Ant. Factor	Amp.+Cable	DCF	Result	Limit	Margin
(MHz)	(V/H)	(dB(μ V))	(dB)	(dB)	(dB)	(dB(μ V/m))	(dB(μ V/m))	(dB)
Peak data								
11 544.67 ¹⁾	H	57.38	38.35	-48.55	-	47.18	74.00	26.82
17 369.42	H	56.07	41.55	-45.50	-	52.12	68.20	16.08
Average Data								
No spurious emissions were detected within 20 dB of the limit.								

802.11ac_VHT20_Highest Channel (5 825 MHz)

Frequency	Pol.	Reading	Ant. Factor	Amp.+Cable	DCF	Result	Limit	Margin
(MHz)	(V/H)	(dB(μ V))	(dB)	(dB)	(dB)	(dB(μ V/m))	(dB(μ V/m))	(dB)
Peak data								
5 850.58	H	44.33	35.06	-22.88	-	56.51	120.89	64.37
11 630.53 ¹⁾	H	58.88	38.46	-48.62	-	48.72	74.00	25.28
17 467.17	H	56.31	41.59	-45.39	-	52.51	68.20	15.69
Average Data								
No spurious emissions were detected within 20 dB of the limit.								

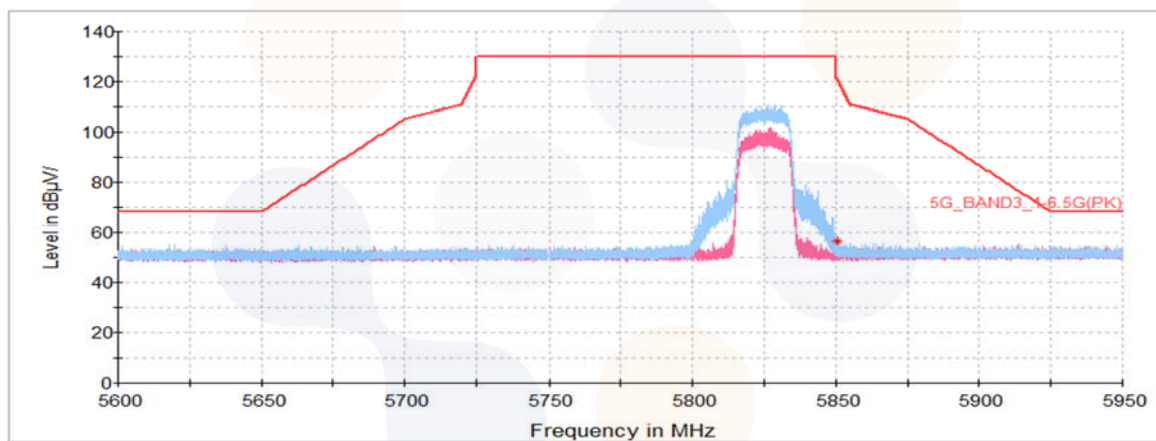
802.11ac_VHT20_Lowest Channel (5 745 MHz)

Horizontal/Vertical for Band-edge



802.11ac_VHT20_Highest Channel (5 825 MHz)

Horizontal/Vertical for Band-edge



802.11ac_VHT40_Lowest Channel (5 755 MHz)

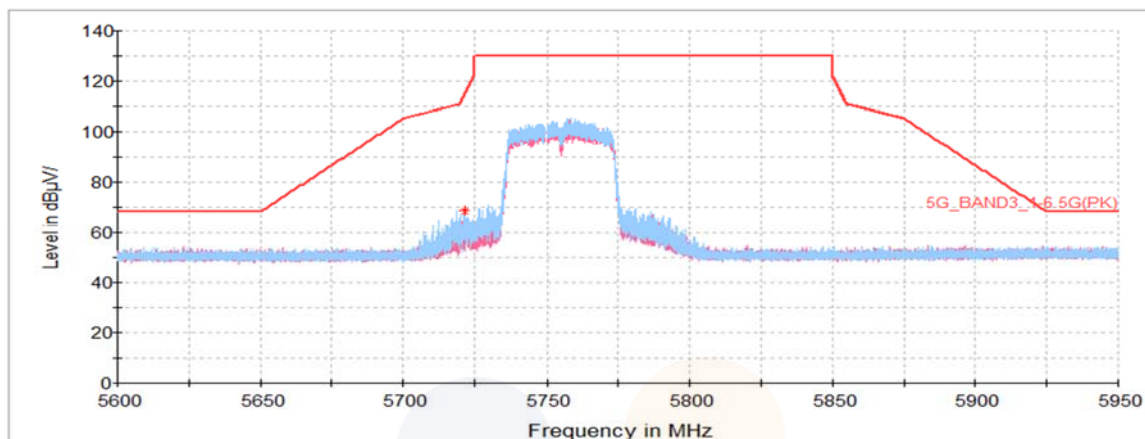
Frequency	Pol.	Reading	Ant. Factor	Amp.+Cable	DCF	Result	Limit	Margin
(MHz)	(V/H)	(dB(μ V))	(dB)	(dB)	(dB)	(dB(μ V/m))	(dB(μ V/m))	(dB)
Peak data								
5 721.49	H	56.85	34.85	-23.16	-	68.54	114.19	45.64
11 542.37 ¹⁾	V	58.03	38.35	-48.55	-	47.83	74.00	26.17
17 261.32	H	54.98	41.50	-45.63	-	50.85	68.20	17.35
Average Data								
No spurious emissions were detected within 20 dB of the limit.								

802.11ac_VHT40_Highest Channel (5 795 MHz)

Frequency	Pol.	Reading	Ant. Factor	Amp.+Cable	DCF	Result	Limit	Margin
(MHz)	(V/H)	(dB(μ V))	(dB)	(dB)	(dB)	(dB(μ V/m))	(dB(μ V/m))	(dB)
Peak data								
5 856.89	H	41.78	35.07	-22.90	-	53.95	110.27	56.33
11 597.95 ¹⁾	V	58.09	38.42	-48.60	-	47.91	74.00	26.09
17 371.33	V	56.54	41.55	-45.50	-	52.59	68.20	15.61
Average Data								
No spurious emissions were detected within 20 dB of the limit.								

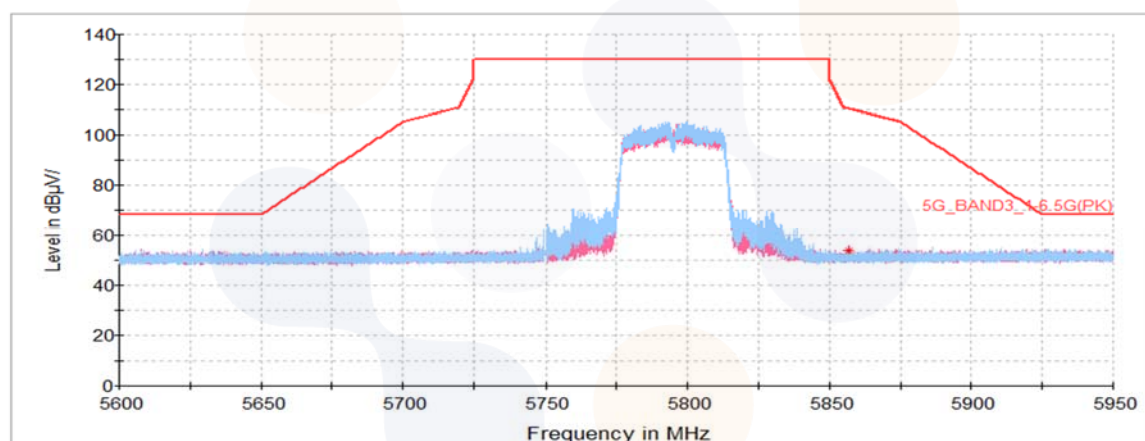
802.11ac_VHT40_Lowest Channel (5 755 MHz)

Horizontal/Vertical for Band-edge



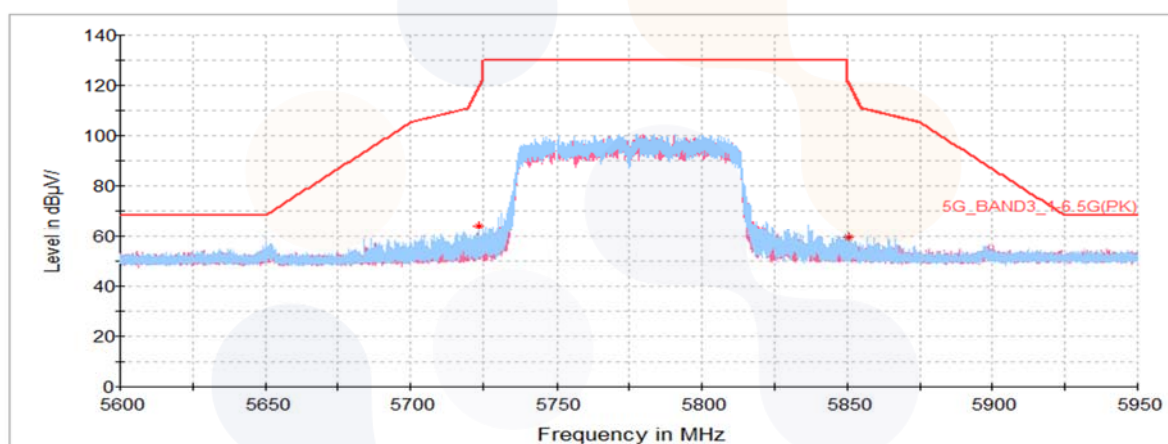
802.11ac_VHT40_Highest Channel (5 795 MHz)

Horizontal/Vertical for Band-edge



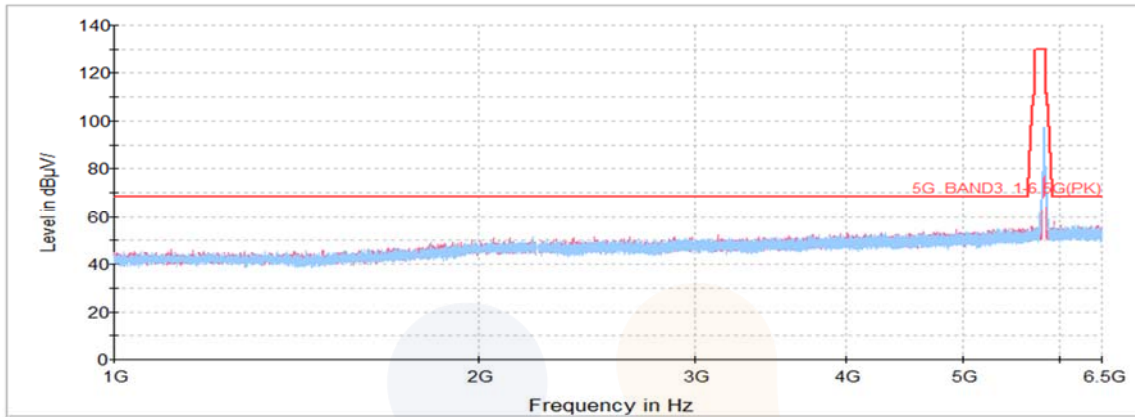
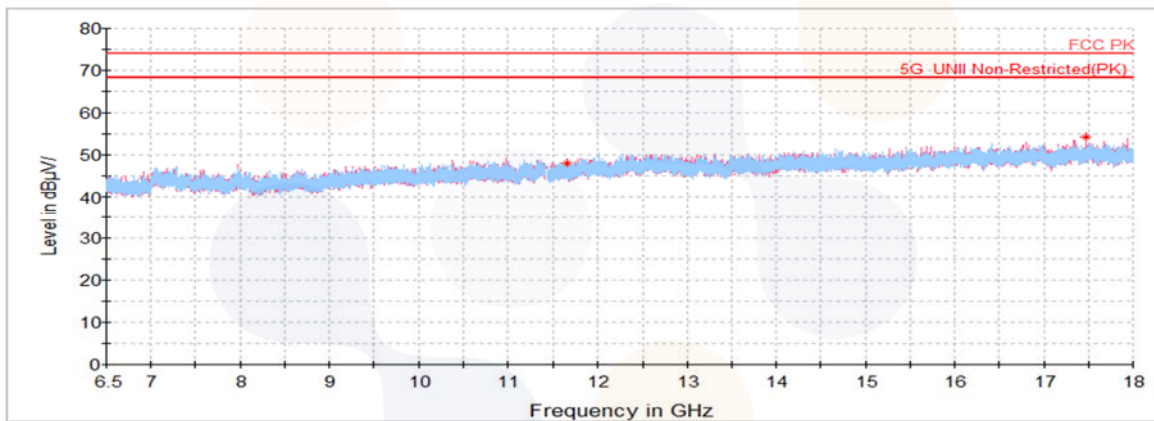
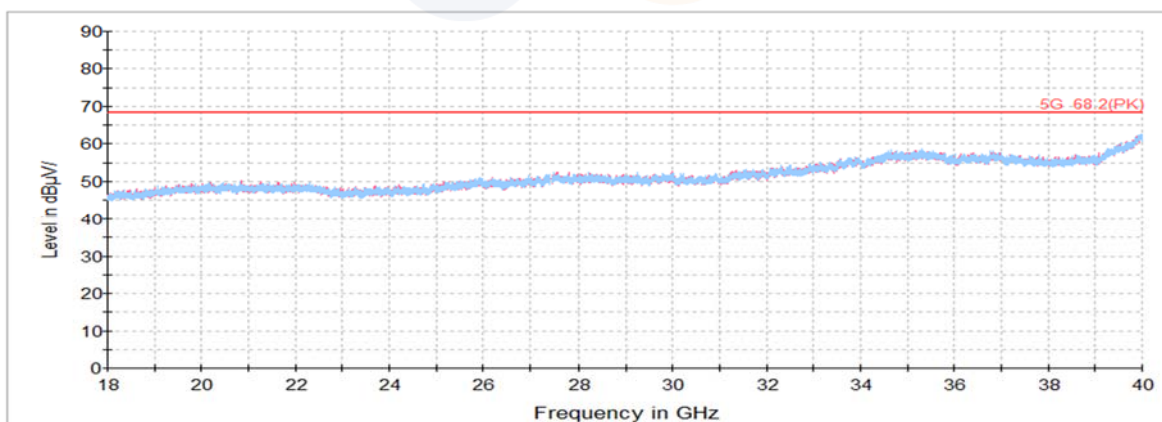
802.11ac_VHT80_Middle Channel (5 775 MHz)

Frequency	Pol.	Reading	Ant. Factor	Amp.+Cable	DCF	Result	Limit	Margin
(MHz)	(V/H)	(dB(μ V))	(dB)	(dB)	(dB)	(dB(μ V/m))	(dB(μ V/m))	(dB)
Peak data								
5 723.55	H	52.47	34.86	-23.15	-	64.18	118.89	54.71
5 850.47	H	47.43	35.06	-22.88	-	59.61	121.13	61.52
11 578.78 ¹⁾	V	58.39	38.39	-48.58	-	48.20	74.00	25.80
17 328.78	H	56.57	41.53	-45.55	-	52.55	68.20	15.65
Average Data								
No spurious emissions were detected within 20 dB of the limit.								

Horizontal/Vertical for Band-edge

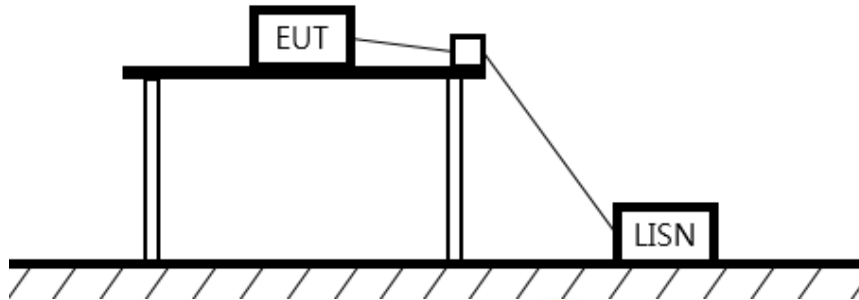
Plot of Harmonics and Spurious Emissions

In order to simplify the report, attached plots were only the lowest margin condition
802.11a_UNII-3_SISO_Highest Channel (5 825 MHz)

Horizontal/Vertical for 1 GHz ~ 6.5 GHz**Horizontal/Vertical for 6.5 GHz ~ 18 GHz****Horizontal/Vertical for 18 GHz ~ 40 GHz**

7.8. AC Conducted emission

Test setup



Limit

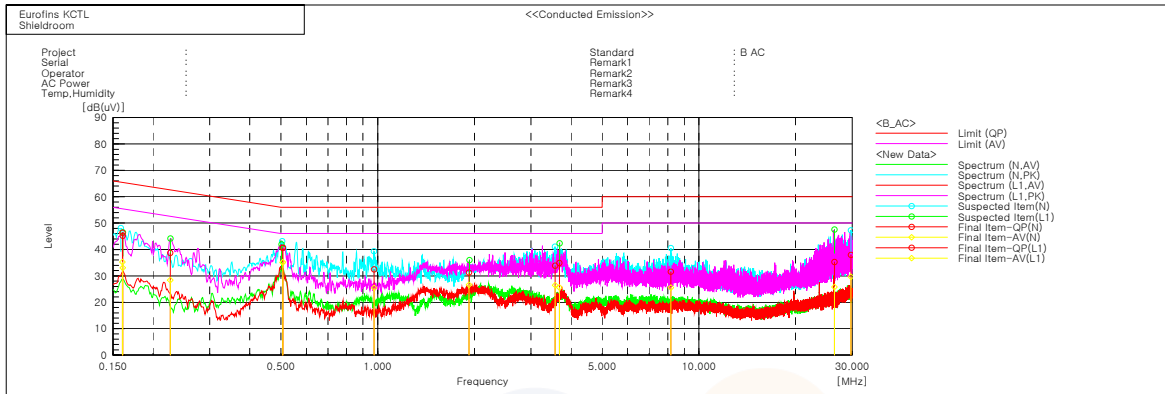
§15.407

According to 15.207(a) and RSS-Gen (8.8), for an intentional radiator that is designed to be connected to the public utility (AC) power line, the radio frequency voltage that is conducted back onto the AC power line on any frequency or frequencies, within the band 150 kHz to 30 MHz, shall not exceed the limits in the following table, as measured using a 50uH/50 ohm line impedance stabilization network (LISN). Compliance with the provision of this paragraph shall on the measurement of the radio frequency voltage between each power line and ground at the power terminal. The lower applies at the boundary between the frequencies ranges.

Frequency of Emission (MHz)	Conducted limit (dBμV/m)	
	Quasi-peak	Average
0.15 – 0.50	66 - 56*	56 - 46*
0.50 – 5.00	56	46
5.00 – 30.0	60	50

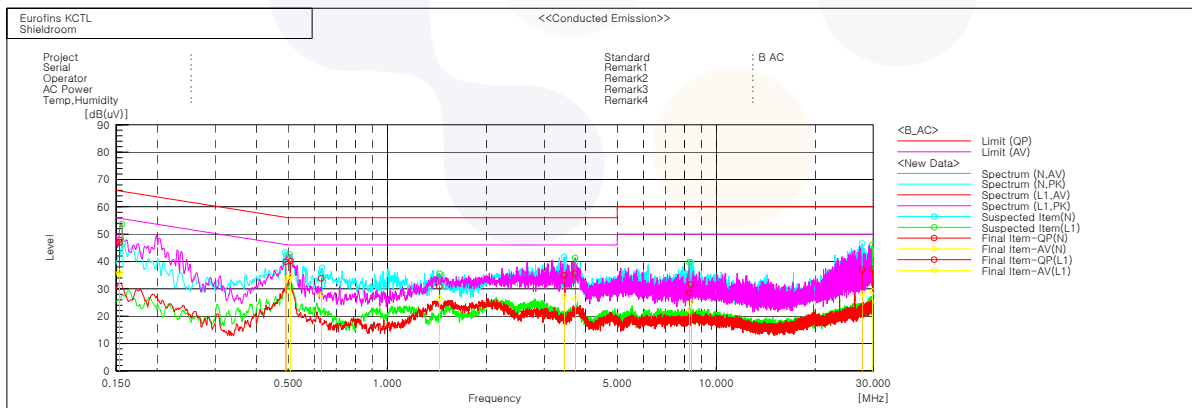
Measurement procedure

1. The EUT was placed on a wooden table of size, 1 m by 1.5 m, raised 80 cm in which is located 40 cm away from the vertical wall and 1.5m away from the side wall of the shielded room.
2. Each current-carrying conductor of the EUT power cord was individually connected through a 50Ω/50μH LISN, which is an input transducer to a spectrum analyzer or an EMI/Field Intensity Meter, to the input power source.
3. Exploratory measurements were made to identify the frequency of the emission that had the highest amplitude relative to the limit by operating the EUT in a range of typical modes of operation, cable position, and with a typical system equipment configuration and arrangement. Based on the exploratory tests of the EUT, the one EUT cable configuration and arrangement and mode of operation that had produced the emission with the highest amplitude relative to the limit was selected for the final measurement.
4. The final test on all current-carrying conductors of all of the power cords to the equipment that comprises the EUT (but not the cords associated with other non-EUT equipment is the system) was then performed over the frequency range of 0.15 MHz to 30 MHz.
5. The measurements were made with the detector set to peak amplitude within a bandwidth of 10 kHz or to quasi-peak and average within a bandwidth of 9 kHz. The EUT was in transmitting mode during the measurements.

Test results**Worst case: 802.11a / UNII-2A_5 280 MHz_SISO_ANT 1****Final Result**

N Phase										
No.	Frequency	Reading QP	Reading CAV	c.f	Result QP	Result CAV	Limit QP	Limit AV	Margin QP	Margin CAV
	[MHz]	[dB(μV)]	[dB(μV)]	[dB]	[dB(μV)]	[dB(μV)]	[dB(μV)]	[dB(μV)]	[dB]	[dB]
1	0.16103	35.2	23.0	10.0	45.2	33.0	65.4	55.4	20.2	22.4
2	0.50647	30.7	25.2	9.9	40.6	35.1	56.0	46.0	15.4	10.9
3	0.9755	22.7	15.7	9.8	32.5	25.5	56.0	46.0	23.5	20.5
4	3.56649	24.0	16.7	9.8	33.8	26.5	56.0	46.0	22.2	19.5
5	8.18222	21.7	15.6	9.9	31.6	25.5	60.0	50.0	28.4	24.5
6	29.73788	27.9	19.7	10.0	37.9	29.7	60.0	50.0	22.1	20.3

L1 Phase										
No.	Frequency	Reading QP	Reading CAV	c.f	Result QP	Result CAV	Limit QP	Limit AV	Margin QP	Margin CAV
	[MHz]	[dB(μV)]	[dB(μV)]	[dB]	[dB(μV)]	[dB(μV)]	[dB(μV)]	[dB(μV)]	[dB]	[dB]
1	0.16065	36.3	25.3	10.0	46.3	35.3	65.4	55.4	19.1	20.1
2	0.22609	29.0	18.7	9.7	38.7	28.4	62.6	52.6	23.9	24.2
3	0.50695	30.7	25.3	9.9	40.6	35.2	56.0	46.0	15.4	10.8
4	1.92546	21.5	16.8	9.8	31.3	26.6	56.0	46.0	24.7	19.4
5	3.68011	25.1	15.8	9.8	34.9	25.6	56.0	46.0	21.1	20.4
6	26.44019	25.3	15.8	10.0	35.3	25.8	60.0	50.0	24.7	24.2

Worst case: 802.11n HT40 / UNII-2A_5 310 MHz_MIMO**Final Result**

N Phase										
No.	Frequency	Reading QP	Reading CAV	c.f	Result QP	Result CAV	Limit QP	Limit AV	Margin QP	Margin CAV
	[MHz]	[dB(μV)]	[dB(μV)]	[dB]	[dB(μV)]	[dB(μV)]	[dB(μV)]	[dB(μV)]	[dB]	[dB]
1	0.15355	37.2	25.5	9.8	47.0	35.3	65.8	55.8	18.8	20.5
2	0.4917	30.0	23.7	9.9	39.9	33.6	56.1	46.1	16.2	12.5
3	0.63008	24.0	17.9	9.9	33.9	27.8	56.0	46.0	22.1	18.2
4	3.45215	25.1	17.5	9.8	34.9	27.3	56.0	46.0	21.1	18.7
5	8.38096	21.8	15.3	9.9	31.7	25.2	60.0	50.0	28.3	24.8
6	27.73946	27.0	18.2	10.0	37.0	28.2	60.0	50.0	23.0	21.8

L1 Phase										
No.	Frequency	Reading QP	Reading CAV	c.f	Result QP	Result CAV	Limit QP	Limit AV	Margin QP	Margin CAV
	[MHz]	[dB(μV)]	[dB(μV)]	[dB]	[dB(μV)]	[dB(μV)]	[dB(μV)]	[dB(μV)]	[dB]	[dB]
1	0.15325	38.1	26.2	9.8	47.9	36.0	65.8	55.8	17.9	19.8
2	0.50849	30.3	24.7	9.9	40.2	34.6	56.0	46.0	15.8	11.4
3	1.43947	21.1	16.6	9.8	30.9	26.4	56.0	46.0	25.1	19.6
4	3.72507	25.7	16.7	9.8	35.5	26.5	56.0	46.0	20.5	19.5
5	8.28058	18.7	12.4	9.9	28.6	22.3	60.0	50.0	31.4	27.7
6	29.84276	27.1	19.1	10.0	37.1	29.1	60.0	50.0	22.9	20.9

8. Measurement equipment

Equipment Name	Manufacturer	Model No.	Serial No.	Next Cal. Date
Spectrum Analyzer	R&S	FSV30	100808	25.07.01
DC Power Supply	TOYOTECH	TL305TP	21040092	25.07.01
Attenuator	R&S	DNF	0006	25.01.18
Attenuator	Weinschel ENGINEERING	56-10	51395	25.01.19
Power Sensor	R&S	NRP-Z81	1137.9009.02- 106223-bB	25.04.24
Vector Signal Generator	R&S	SMBV100A	257566	25.07.01
Signal Generator	R&S	SMB100A	176206	25.01.18
Temp & Humid Chamber	ESPEC	SH-642	93016978	25.01.18
Spectrum Analyzer	R&S	FSV40	100989	25.10.10
Horn antenna	ETS.lindgren	3117	00251528	25.01.26
Horn antenna	ETS.lindgren	3116	00086635	25.01.25
AMPLIFIER	B&Z Technologies	BZRT-00504000- 481055-382525	26299-27735	25.06.24
AMPLIFIER	B&Z Technologies	BZR-0050400- 551028-252525	27736	25.06.24
Attenuator	API Inmet	40AH2W-10	12	25.04.30
High pass Filter	WT	WT-A1699-HS	WT160411002	25.04.25
High pass Filter	Qotana	DBHF058004000A	20070100016	25.06.24
Spectrum Analyzer	R&S	FSVA40	101575	25.05.27
Broadband PreAmplifier	SCHWARZBECK	BBV9718D	57	25.01.19
Low Noise Amplifier	TESTEK	TK-PA18H	220124-L	25.10.11
Low Noise Amplifier	TESTEK	TK-PA1840H	220133-L	25.10.14
Horn Antenna	SCHWARZBECK	BBHA9120D	02763	25.10.24
Horn Antenna	SCHWARZBECK	BBHA9170	01267	25.10.15
High Pass Filter	Wainwright Instruments GmbH	WHKX8-5655-6500- 18000-40SS	SN8	25.10.15
High Pass Filter	QOTANA TECHNOLOGIES	DBHF0508004000A	23041800061	25.06.24
Spectrum Analyzer	R&S	FSVA40	101575	25.05.27
PSA Spectrum Analyzer	Agilent	E4440A	MY44303500	25.07.02
Amplifier	SONOMA INSTRUMENT	310N	421821	25.10.11
Bilog Antenna	Teseq GmbH	CBL 6112D	62027	26.10.17
Loop Antenna	R&S	HFH2-Z2	100355	26.06.25
Controller	INNCO SYSTEMS	CO3000	1441/54370322/P	-
Antenna Mast	INNCO SYSTEMS	MA4640-XP-ET	-	-
Turn Device	INNCO SYSTEMS	DS1200-S-1t	-	-
Antenna Mast	Innco Systems	MA4640-XP-ET	MA4000/396/30810 213/L	-
Controller	Innco Systems	CO3000	1175/45850319/P	-
Controller	INNCO SYSTEMS	CO3000	1441/54370322/P	-

 Eurofins KCTL Co.Ltd. 65, Sinwon-ro, Yeongtong-gu, Suwon-si, Gyeonggi-do, 16677, Korea TEL: 82-70-5008-1021 FAX: 82-505-299-8311 www.kctl.co.kr	Report No.: KR24-SRF0155-A Page (175) of (175)	 
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Antenna Mast	INNCO SYSTEMS	MA4640-XP-ET	-	-
Turn Device	INNCO SYSTEMS	DS1200-S-1t	-	-

End of test report

