

UNII-3 SISO Restricted Band edge (Highest Channel)

802.11ax_HE20 SU mode_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								
5 850.52	H	49.62	35.06	-22.88	-	61.80	121.02	59.22

802.11ax_HE20 RU mode (26T / RU offset 8)_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								
5 850.13	H	56.71	35.06	-22.88	-	68.89	121.90	53.01

802.11ax_HE20 RU mode (52T / RU offset 40)_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								
5 850.54	H	50.64	35.06	-22.88	-	62.82	120.97	58.14

802.11ax_HE20 RU mode (106T / RU offset 54)_Highest Channel (5 825 MHz)

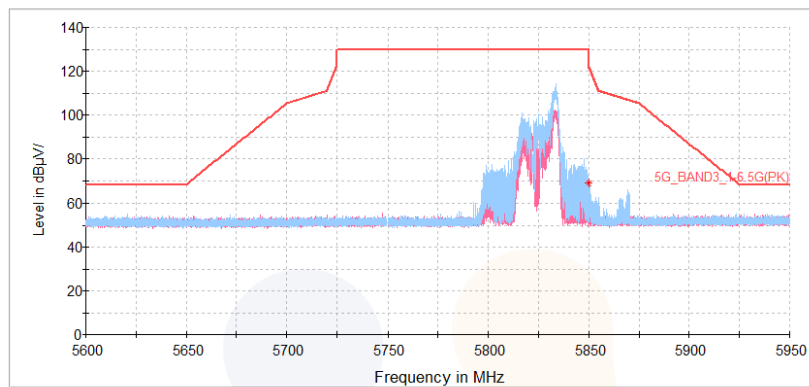
Frequency	Pol.	Reading	Ant. Factor	Amp. + Cable	DCF	Result	Limit	Margin
(MHz)	(V/H)	(dB(μ V))	(dB)	(dB)	(dB)	(dB(μ V/m))	(dB(μ V/m))	(dB)
Peak data								
5 850.74	H	48.83	35.06	-22.88	-	61.01	120.51	59.50

802.11ax_HE20 RU mode (242T / RU offset 61)_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								
5 850.55	H	48.86	35.06	-22.88	-	61.04	120.94	59.90

Plot of Band edge

In order to simplify the report, attached plots were only the lowest margin condition

802.11ax_HE20 RU mode (26T / RU offset 8)_Highest Channel (5 825 MHz)**Horizontal/Vertical for Band-edge**

UNII-1 SISO Harmonics and Spurious Emissions**802.11ax_HE20 SU mode_Lowest Channel (5 180 MHz)**

Frequency (MHz)	Pol. (V/H)	Reading (dB(μ V))	Ant. Factor (dB)	Amp.+Cable (dB)	DCF (dB)	Result (dB(μ V/m))	Limit (dB(μ V/m))	Margin (dB)
Peak data								
10 405.78	H	59.18	37.54	-48.49	-	48.23	68.20	19.97
15 500.67 ¹⁾	V	57.54	39.90	-46.79	-	50.65	74.00	23.35
Average Data								
No spurious emissions were detected within 20 dB of the limit.								

802.11ax_HE20 SU mode_Middle Channel (5 200 MHz)

Frequency (MHz)	Pol. (V/H)	Reading (dB(μ V))	Ant. Factor (dB)	Amp.+Cable (dB)	DCF (dB)	Result (dB(μ V/m))	Limit (dB(μ V/m))	Margin (dB)
Peak data								
10 431.85	V	58.46	37.56	-48.43	-	47.59	68.20	20.61
15 601.87 ¹⁾	V	57.68	39.90	-46.81	-	50.77	74.00	23.23
Average Data								
No spurious emissions were detected within 20 dB of the limit.								

802.11ax_HE20 SU mode_Highest Channel (5 240 MHz)

Frequency (MHz)	Pol. (V/H)	Reading (dB(μ V))	Ant. Factor (dB)	Amp.+Cable (dB)	DCF (dB)	Result (dB(μ V/m))	Limit (dB(μ V/m))	Margin (dB)
Peak data								
10 457.15	V	59.21	37.57	-48.38	-	48.40	68.20	19.80
15 735.65 ¹⁾	V	57.60	39.90	-46.83	-	50.67	74.00	23.33
Average Data								
No spurious emissions were detected within 20 dB of the limit.								

802.11ax_HE20 RU mode (52T / RU offset 38)_Lowest Channel (5 180 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								
10 397.73	V	59.32	37.54	-48.50	-	48.36	68.20	19.84
15 532.48 ¹⁾	V	57.61	39.90	-46.80	-	50.71	74.00	23.29
Average Data								
No spurious emissions were detected within 20 dB of the limit.								

802.11ax_HE20 RU mode (52T / RU offset 38)_Middle Channel (5 200 MHz)

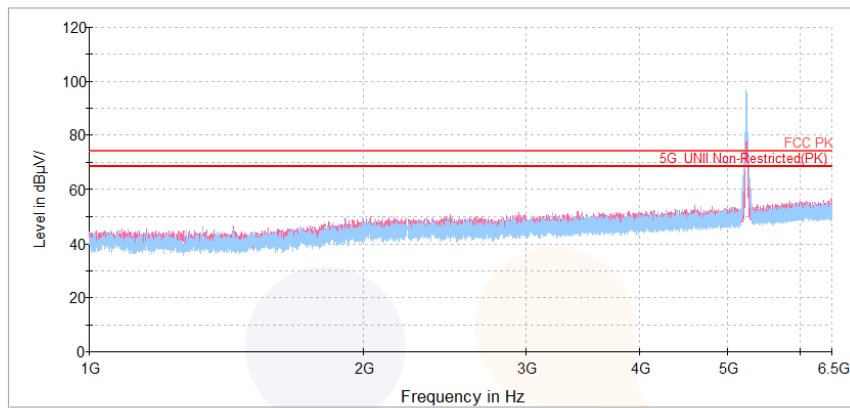
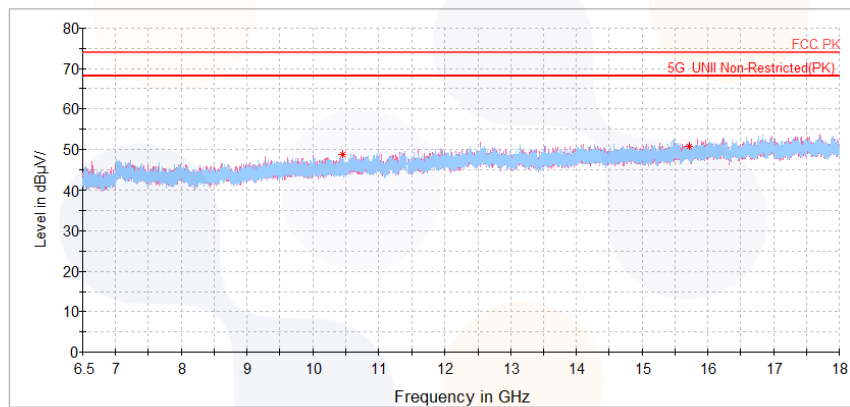
Frequency	Pol.	Reading	Ant. Factor	Amp.+Cable	DCF	Result	Limit	Margin
(MHz)	(V/H)	(dB(μV))	(dB)	(dB)	(dB)	(dB(μV/m))	(dB(μV/m))	(dB)
Peak data								
10 432.62	H	59.14	37.56	-48.43	-	48.27	68.20	19.93
15 605.70 ¹⁾	V	57.38	39.90	-46.81	-	50.47	74.00	23.53
Average Data								
No spurious emissions were detected within 20 dB of the limit.								

802.11ax_HE20 RU mode (242T / RU offset 61)_Lowest Channel (5 240 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								
10 465.20	H	59.44	37.58	-48.37	-	48.65	68.20	19.55
15 713.42 ¹⁾	H	57.57	39.90	-46.83	-	50.64	74.00	23.36
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

802.11ax_HE20 RU mode (242T / RU offset 61)_Lowest Channel (5 240 MHz)**Horizontal/Vertical for 1 GHz ~ 6.5 GHz****Horizontal/Vertical for 6.5 GHz ~ 18 GHz**

UNII-2A SISO Harmonics and Spurious Emissions**802.11ax_HE20 SU mode_Lowest Channel (5 260 MHz)**

Frequency (MHz)	Pol. (V/H)	Reading (dB(μ V))	Ant. Factor (dB)	Amp.+Cable (dB)	DCF (dB)	Result (dB(μ V/m))	Limit (dB(μ V/m))	Margin (dB)
Peak data								
10 574.07	V	58.82	37.64	-48.35	-	48.11	68.20	20.09
15 772.83 ¹⁾	V	57.56	39.90	-46.84	-	50.62	74.00	23.38
Average Data								
No spurious emissions were detected within 20 dB of the limit.								

802.11ax_HE20 SU mode_Middle Channel (5 280 MHz)

Frequency (MHz)	Pol. (V/H)	Reading (dB(μ V))	Ant. Factor (dB)	Amp.+Cable (dB)	DCF (dB)	Result (dB(μ V/m))	Limit (dB(μ V/m))	Margin (dB)
Peak data								
10 554.13	V	57.93	37.63	-48.33	-	47.23	68.20	20.97
15 853.33 ¹⁾	V	57.79	39.90	-46.85	-	50.84	74.00	23.16
Average Data								
No spurious emissions were detected within 20 dB of the limit.								

802.11ax_HE20 SU mode_Highest Channel (5 320 MHz)

Frequency (MHz)	Pol. (V/H)	Reading (dB(μ V))	Ant. Factor (dB)	Amp.+Cable (dB)	DCF (dB)	Result (dB(μ V/m))	Limit (dB(μ V/m))	Margin (dB)
Peak data								
10 643.83 ¹⁾	H	58.30	37.69	-48.39	-	47.60	74.00	26.40
15 962.20 ¹⁾	H	57.25	39.90	-46.87	-	50.28	74.00	23.72
Average Data								
No spurious emissions were detected within 20 dB of the limit.								

802.11ax_HE20 RU mode (106T / RU offset 54)_Lowest Channel (5 260 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								
10 554.13	V	58.81	37.63	-48.33	-	48.11	68.20	20.09
15 777.43 ¹⁾	H	57.67	39.90	-46.84	-	50.73	74.00	23.27
Average Data								
No spurious emissions were detected within 20 dB of the limit.								

802.11ax_HE20 RU mode (106T / RU offset 53)_Middle Channel (5 280 MHz)

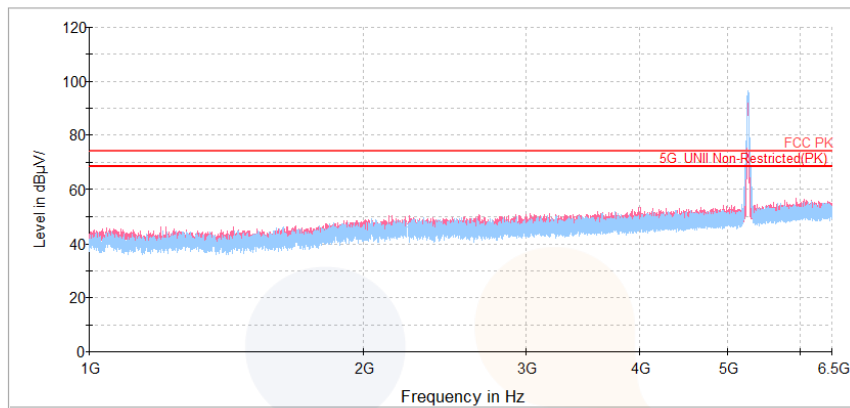
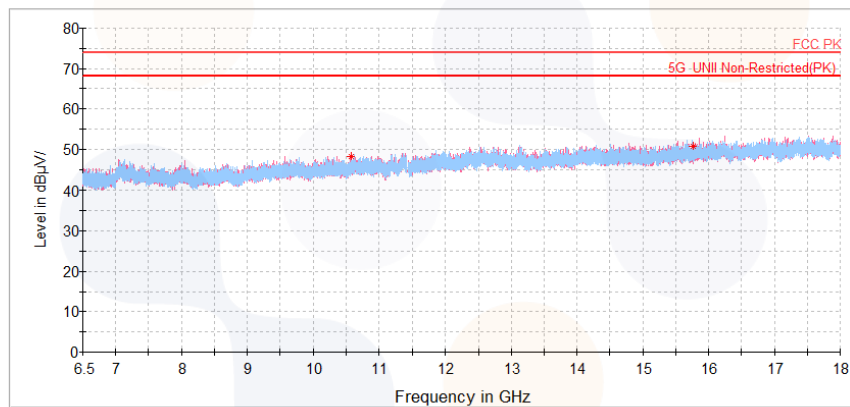
Frequency	Pol.	Reading	Ant. Factor	Amp.+Cable	DCF	Result	Limit	Margin
(MHz)	(V/H)	(dB(μV))	(dB)	(dB)	(dB)	(dB(μV/m))	(dB(μV/m))	(dB)
Peak data								
10 611.25 ¹⁾	H	59.00	37.67	-48.37	-	48.30	74.00	25.70
15 837.23 ¹⁾	H	57.79	39.90	-46.85	-	50.84	74.00	23.16
Average Data								
No spurious emissions were detected within 20 dB of the limit.								

802.11ax_HE20 RU mode (106T / RU offset 53)_Highest Channel (5 320 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								
10 626.58 ¹⁾	H	58.95	37.68	-48.38	-	48.25	74.00	25.75
15 957.98 ¹⁾	V	57.22	39.90	-46.87	-	50.25	74.00	23.75
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

802.11ax_HE20 SU mode_Lowest Channel (5 260 MHz)**Horizontal/Vertical for 1 GHz ~ 6.5 GHz****Horizontal/Vertical for 6.5 GHz ~ 18 GHz**

UNII-2C SISO Harmonics and Spurious Emissions

802.11ax_HE20 SU mode_Lowest Channel (5 500 MHz)

Frequency (MHz)	Pol. (V/H)	Reading (dB(μ V))	Ant. Factor (dB)	Amp.+Cable (dB)	DCF (dB)	Result (dB(μ V/m))	Limit (dB(μ V/m))	Margin (dB)
Peak data								
10 995.73 ¹⁾	V	58.72	37.90	-48.61	-	48.01	74.00	25.99
16 552.53	H	56.28	41.25	-46.14	-	51.39	68.20	16.81
Average Data								
No spurious emissions were detected within 20 dB of the limit.								

802.11ax_HE20 SU mode_Middle Channel (5 600 MHz)

Frequency (MHz)	Pol. (V/H)	Reading (dB(μ V))	Ant. Factor (dB)	Amp.+Cable (dB)	DCF (dB)	Result (dB(μ V/m))	Limit (dB(μ V/m))	Margin (dB)
Peak data								
11 222.28 ¹⁾	V	59.10	38.08	-48.57	-	48.61	74.00	25.39
16 807.07	V	57.22	41.51	-46.02	-	52.71	68.20	15.49
Average Data								
No spurious emissions were detected within 20 dB of the limit.								

802.11ax_HE20 SU mode_Highest Channel (5 700 MHz)

Frequency (MHz)	Pol. (V/H)	Reading (dB(μ V))	Ant. Factor (dB)	Amp.+Cable (dB)	DCF (dB)	Result (dB(μ V/m))	Limit (dB(μ V/m))	Margin (dB)
Peak data								
11 405.13 ¹⁾	V	58.93	38.22	-48.54	-	48.61	74.00	25.39
17 116.03	H	55.63	41.45	-45.80	-	51.28	68.20	16.92
Average Data								
No spurious emissions were detected within 20 dB of the limit.								

802.11ax_HE20 RU mode (52T / RU offset 37)_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								
11 021.80 ¹⁾	H	58.73	37.92	-48.61	-	48.04	74.00	25.96
16 552.53	H	56.34	41.25	-46.14	-	51.45	68.20	16.75
Average Data								
No spurious emissions were detected within 20 dB of the limit.								

802.11ax_HE20 RU mode (52T / RU offset 38)_Middle Channel (5 600 MHz)

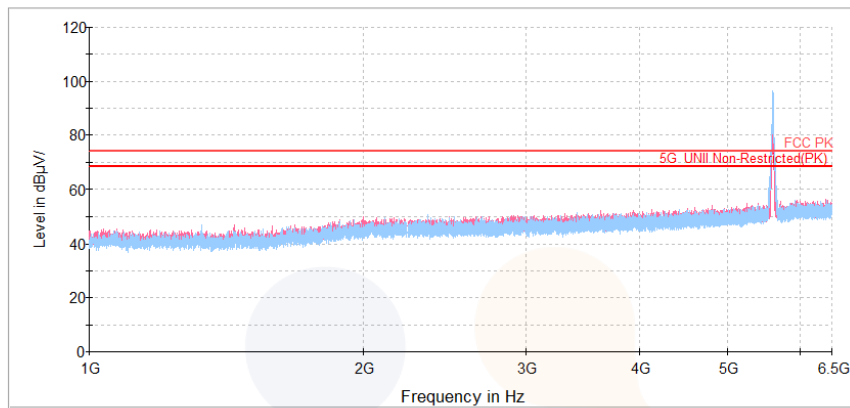
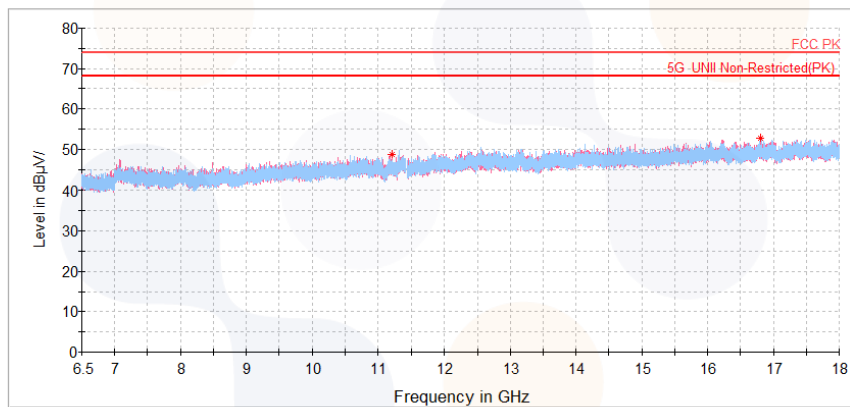
Frequency	Pol.	Reading	Ant. Factor	Amp.+Cable	DCF	Result	Limit	Margin
(MHz)	(V/H)	(dB(μV))	(dB)	(dB)	(dB)	(dB(μV/m))	(dB(μV/m))	(dB)
Peak data								
11 194.30 ¹⁾	V	58.69	38.06	-48.58	-	48.17	74.00	25.83
16 814.35	H	56.73	41.51	-46.02	-	52.22	68.20	15.98
Average Data								
No spurious emissions were detected within 20 dB of the limit.								

802.11ax_HE20 RU mode (52T / RU offset 38)_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								
11 377.15 ¹⁾	H	58.78	38.20	-48.54	-	48.44	74.00	25.56
17 146.32	V	56.08	41.46	-45.76	-	51.78	68.20	16.42
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

802.11ax_HE20 SU mode_Middle Channel (5 600 MHz)**Horizontal/Vertical for 1 GHz ~ 6.5 GHz****Horizontal/Vertical for 6.5 GHz ~ 18 GHz**

UNII-2C&3 Straddle Channel SISO Harmonics and Spurious Emissions**802.11ax_HE20 SU mode_Middle Channel (5 720 MHz)**

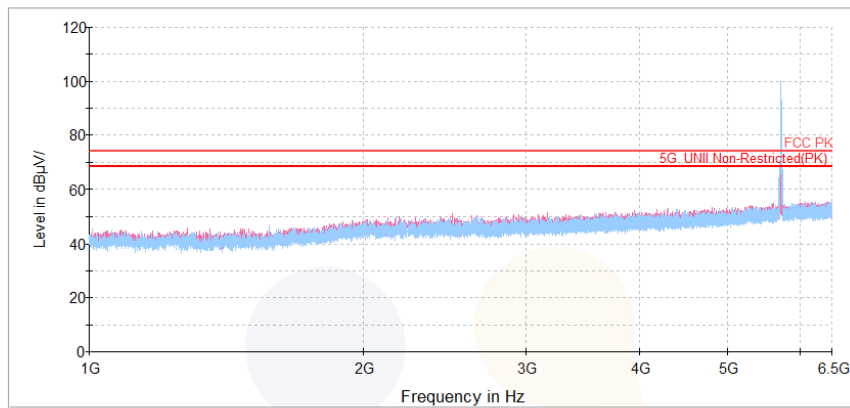
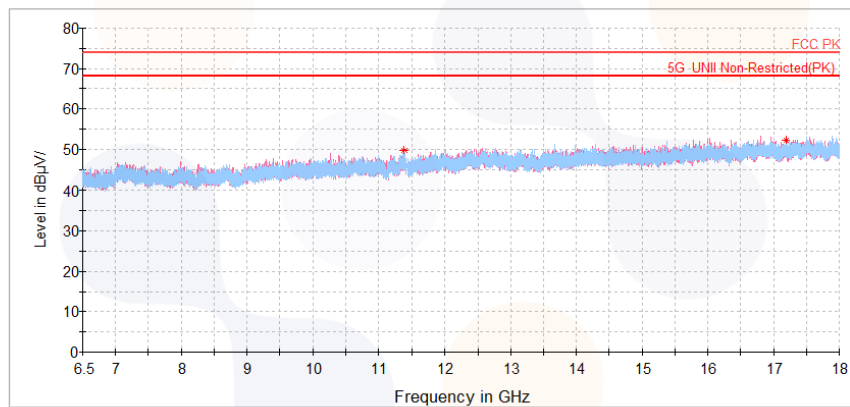
Frequency	Pol.	Reading	Ant. Factor	Amp.+Cable	DCF	Result	Limit	Margin
(MHz)	(V/H)	(dB(μ V))	(dB)	(dB)	(dB)	(dB(μ V/m))	(dB(μ V/m))	(dB)
Peak data								
11 391.33	V	59.15	38.21	-48.54	-	48.82	74.00	25.18
17 129.07 ¹⁾	H	56.43	41.45	-45.78	-	52.10	68.20	16.10
Average Data								
No spurious emissions were detected within 20 dB of the limit.								

802.11ax_HE20 RU mode (52T / RU offset 38)_Middle Channel (5 720 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								
11 390.18	H	60.01	38.21	-48.54	-	49.68	74.00	24.32
17 195.38 ¹⁾	H	56.39	41.48	-45.71	-	52.16	68.20	16.04
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

802.11ax_HE20 RU mode (52T / RU offset 38)_Middle Channel (5 720 MHz)**Horizontal/Vertical for 1 GHz ~ 6.5 GHz****Horizontal/Vertical for 6.5 GHz ~ 18 GHz**

UNII-3 SISO Harmonics and Spurious Emissions**802.11ax_HE20 SU mode_Lowest Channel (5 745 MHz)**

Frequency (MHz)	Pol. (V/H)	Reading (dB(μV))	Ant. Factor (dB)	Amp.+Cable (dB)	DCF (dB)	Result (dB(μV/m))	Limit (dB(μV/m))	Margin (dB)
Peak data								
11 501.73 ¹⁾	V	58.33	38.30	-48.52	-	48.11	74.00	25.89
17 267.45	H	55.55	41.51	-45.62	-	51.44	68.20	16.76
Average Data								
No spurious emissions were detected within 20 dB of the limit.								

802.11ax_HE20 SU mode_Middle Channel (5 785 MHz)

Frequency (MHz)	Pol. (V/H)	Reading (dB(μV))	Ant. Factor (dB)	Amp.+Cable (dB)	DCF (dB)	Result (dB(μV/m))	Limit (dB(μV/m))	Margin (dB)
Peak data								
11 594.88 ¹⁾	V	58.21	38.41	-48.59	-	48.03	74.00	25.97
17 342.58	H	56.22	41.54	-45.53	-	52.23	68.20	15.97
Average Data								
No spurious emissions were detected within 20 dB of the limit.								

802.11ax_HE20 SU mode_Highest Channel (5 825 MHz)

Frequency (MHz)	Pol. (V/H)	Reading (dB(μV))	Ant. Factor (dB)	Amp.+Cable (dB)	DCF (dB)	Result (dB(μV/m))	Limit (dB(μV/m))	Margin (dB)
Peak data								
11 680.37 ¹⁾	V	58.02	38.52	-48.66	-	47.88	74.00	26.12
17 472.53	V	55.73	41.59	-45.38	-	51.94	68.20	16.26
Average Data								
No spurious emissions were detected within 20 dB of the limit.								

802.11ax_HE20 RU mode (52T / RU offset 38)_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								
11 503.65 ¹⁾	V	58.55	38.30	-48.52	-	48.33	74.00	25.67
17 244.07	V	55.93	41.50	-45.65	-	51.78	68.20	16.42
Average Data								
No spurious emissions were detected within 20 dB of the limit.								

802.11ax_HE20 RU mode (52T / RU offset 38)_Middle Channel (5 785 MHz)

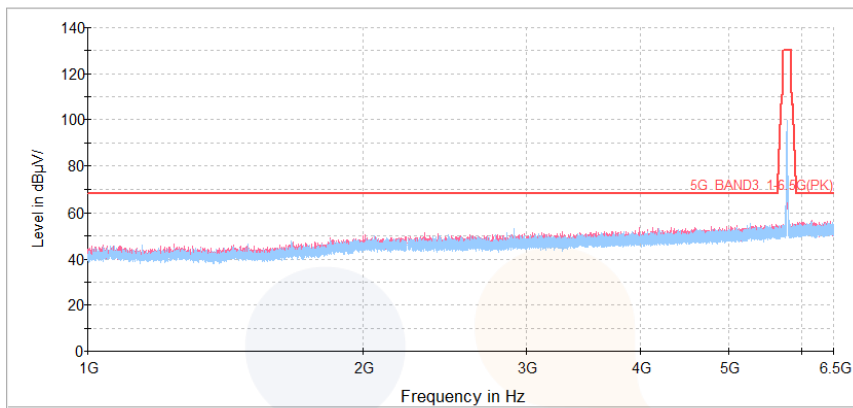
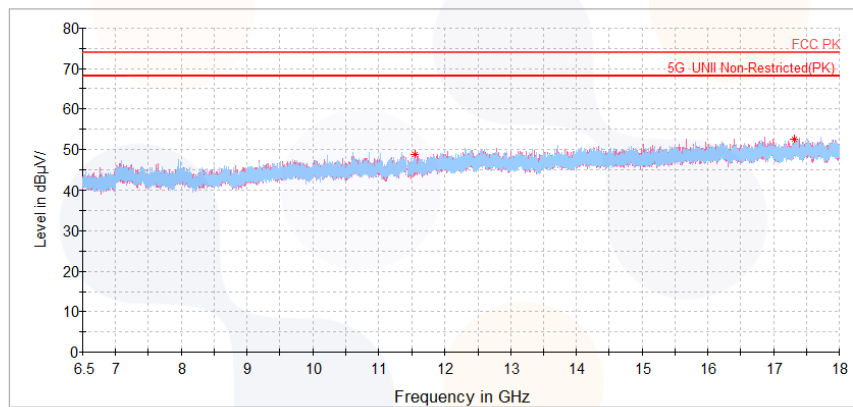
Frequency	Pol.	Reading	Ant. Factor	Amp.+Cable	DCF	Result	Limit	Margin
(MHz)	(V/H)	(dB(μV))	(dB)	(dB)	(dB)	(dB(μV/m))	(dB(μV/m))	(dB)
Peak data								
11 548.50 ¹⁾	V	59.03	38.36	-48.56	-	48.83	74.00	25.17
17 314.98	H	56.63	41.53	-45.57	-	52.59	68.20	15.61
Average Data								
No spurious emissions were detected within 20 dB of the limit.								

802.11ax_HE20 RU mode (52T / RU offset 38)_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								
11 660.05 ¹⁾	V	58.36	38.49	-48.64	-	48.21	74.00	25.79
17 461.42	H	55.77	41.58	-45.40	-	51.95	68.20	16.25
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

802.11ax_HE20 RU mode (52T / RU offset 38)_Middle Channel (5 785 MHz)**Horizontal/Vertical for 1 GHz ~ 6.5 GHz****Horizontal/Vertical for 6.5 GHz ~ 18 GHz**

[DC 12 V]**UNII-1 SISO Restricted Band edge (Lowest Channel)****802.11ax_HE20 SU mode_Lowest Channel (5 180 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								
5 149.52 ¹⁾	H	49.05	34.22	-24.13	-	59.14	74.00	14.86
Average Data								
5 149.52 ¹⁾	H	34.16	34.22	-24.13	0.30	44.55	54.00	9.45

802.11ax_HE20 RU mode (26T / RU offset 0)_Lowest Channel (5 180 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								
5 149.78 ¹⁾	H	51.22	34.22	-24.13	-	61.31	74.00	12.69
Average Data								
5 149.78 ¹⁾	H	32.55	34.22	-24.13	0.22	42.86	54.00	11.14

802.11ax_HE20 RU mode (52T / RU offset 37)_Lowest Channel (5 180 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								
5 140.56 ¹⁾	H	56.30	34.21	-24.12	-	66.39	74.00	7.61
Average Data								
5 140.56 ¹⁾	H	34.59	34.21	-24.12	0.22	44.90	54.00	9.10

802.11ax_HE20 RU mode (106T / RU offset 53)_Lowest Channel (5 180 MHz)

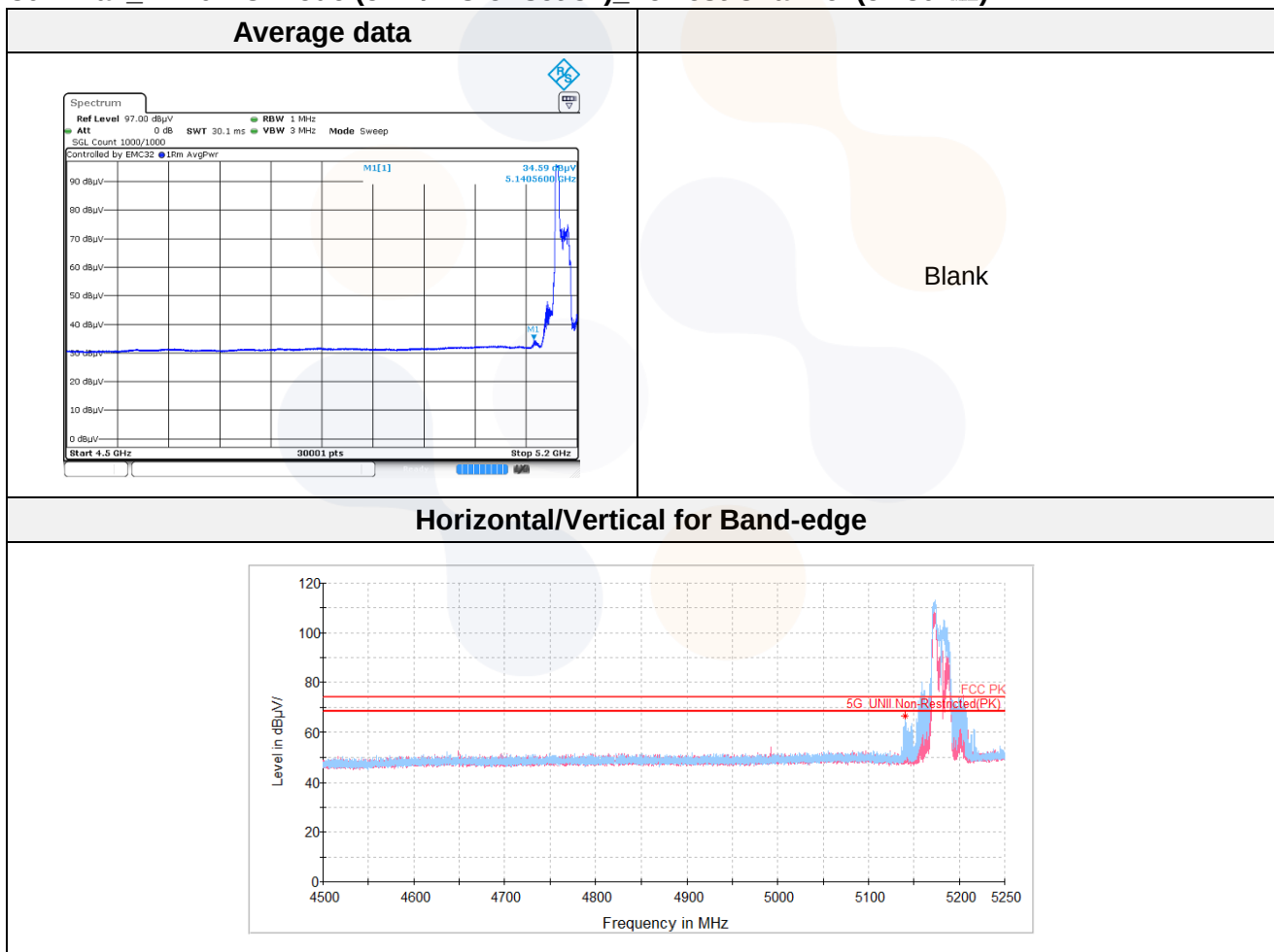
Frequency	Pol.	Reading	Ant. Factor	Amp.+Cable	DCF	Result	Limit	Margin
(MHz)	(V/H)	(dB(μV))	(dB)	(dB)	(dB)	(dB(μV/m))	(dB(μV/m))	(dB)
Peak data								
5 149.19 ¹⁾	H	47.39	34.22	-24.13	-	57.48	74.00	16.52
Average Data								
5 149.19 ¹⁾	H	34.25	34.22	-24.13	0.22	44.56	54.00	9.44

802.11ax_HE20 RU mode (242T / RU offset 61)_Lowest Channel (5 180 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								
5 149.78 ¹⁾	H	50.46	34.22	-24.13	-	60.55	74.00	13.45
Average Data								
5 149.78 ¹⁾	H	34.34	34.22	-24.13	0.22	44.65	54.00	9.35

Plot of Band edge

In order to simplify the report, attached plots were only the lowest margin condition

802.11ax_HE20 RU mode (52T / RU offset 37)_Lowest Channel (5 180 MHz)

UNII-2A SISO Restricted Band edge (Highest Channel)**802.11ax_HE20 SU mode_Highest Channel (5 320 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								
5 350.17 ¹⁾	H	48.02	34.38	-23.36	-	59.04	74.00	14.96
Average Data								
5 350.17 ¹⁾	H	34.59	34.38	-23.36	0.30	45.91	54.00	8.09

802.11ax_HE20 RU mode (26T / RU offset 8)_Highest Channel (5 320 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								
5 351.96 ¹⁾	H	50.00	34.38	-23.37	-	61.01	74.00	12.99
Average Data								
5 351.96 ¹⁾	H	32.38	34.38	-23.37	0.22	43.61	54.00	10.39

802.11ax_HE20 RU mode (52T / RU offset 40)_Highest Channel (5 320 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								
5 352.59 ¹⁾	H	48.66	34.38	-23.37	-	59.67	74.00	14.33
Average Data								
5 352.59 ¹⁾	H	32.89	34.38	-23.37	0.22	44.12	54.00	9.88

802.11ax_HE20 RU mode (106T / RU offset 54)_Highest Channel (5 320 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								
5 350.27 ¹⁾	H	47.98	34.38	-23.36	-	59.00	74.00	15.00
Average Data								
5 350.27 ¹⁾	H	33.61	34.38	-23.36	0.22	44.85	54.00	9.15

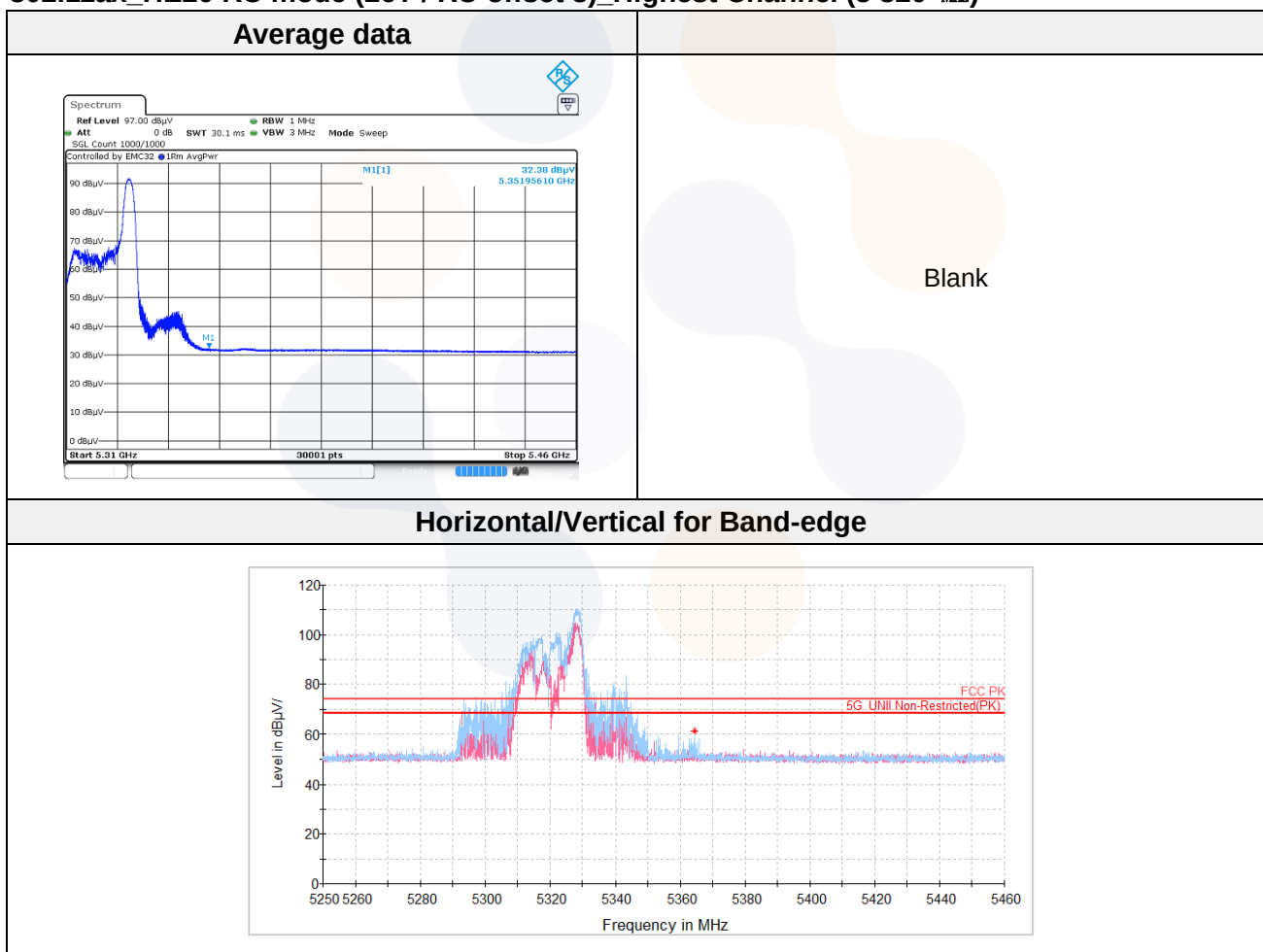
802.11ax_HE20 RU mode (242T / RU offset 61)_Highest Channel (5 320 MHz)

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								
5 350.25 ¹⁾	H	44.04	34.38	-23.36	-	55.06	74.00	18.94
Average Data								
5 350.25 ¹⁾	H	34.88	34.38	-23.36	0.22	46.12	54.00	7.88

Plot of Band edge

In order to simplify the report, attached plots were only the lowest margin condition

802.11ax_HE20 RU mode (26T / RU offset 8)_Highest Channel (5 320 MHz)



UNII-2C SISO Restricted Band edge (Lowest Channel)

802.11ax_HE20 SU mode_Lowest Channel (5 500 MHz)

Frequency (MHz)	Pol. (V/H)	Reading (dB(μ V))	Ant. Factor (dB)	Amp.+Cable (dB)	DCF (dB)	Result (dB(μ V/m))	Limit (dB(μ V/m))	Margin (dB)
Peak data								
5 459.93 ¹⁾	H	43.78	34.47	-23.26	-	54.99	74.00	19.01
Average Data								
5 459.93 ¹⁾	H	33.77	34.47	-23.26	0.30	45.28	54.00	8.72

802.11ax_HE20 RU mode (26T / RU offset 0)_Lowest Channel (5 500 MHz)

Frequency (MHz)	Pol. (V/H)	Reading (dB(μ V))	Ant. Factor (dB)	Amp.+Cable (dB)	DCF (dB)	Result (dB(μ V/m))	Limit (dB(μ V/m))	Margin (dB)
Peak data								
5 459.16 ¹⁾	H	48.89	34.47	-23.27	-	60.09	74.00	13.91
Average Data								
5 459.16 ¹⁾	H	32.97	34.47	-23.27	0.22	44.39	54.00	9.61

802.11ax_HE20 RU mode (52T / RU offset 37)_Lowest Channel (5 500 MHz)

Frequency (MHz)	Pol. (V/H)	Reading (dB(μ V))	Ant. Factor (dB)	Amp.+Cable (dB)	DCF (dB)	Result (dB(μ V/m))	Limit (dB(μ V/m))	Margin (dB)
Peak data								
5 459.29 ¹⁾	H	46.32	34.47	-23.27	-	57.52	74.00	16.48
Average Data								
5 459.29 ¹⁾	H	33.84	34.47	-23.27	0.22	45.26	54.00	8.74

802.11ax_HE20 RU mode (106T / RU offset 53)_Lowest Channel (5 500 MHz)

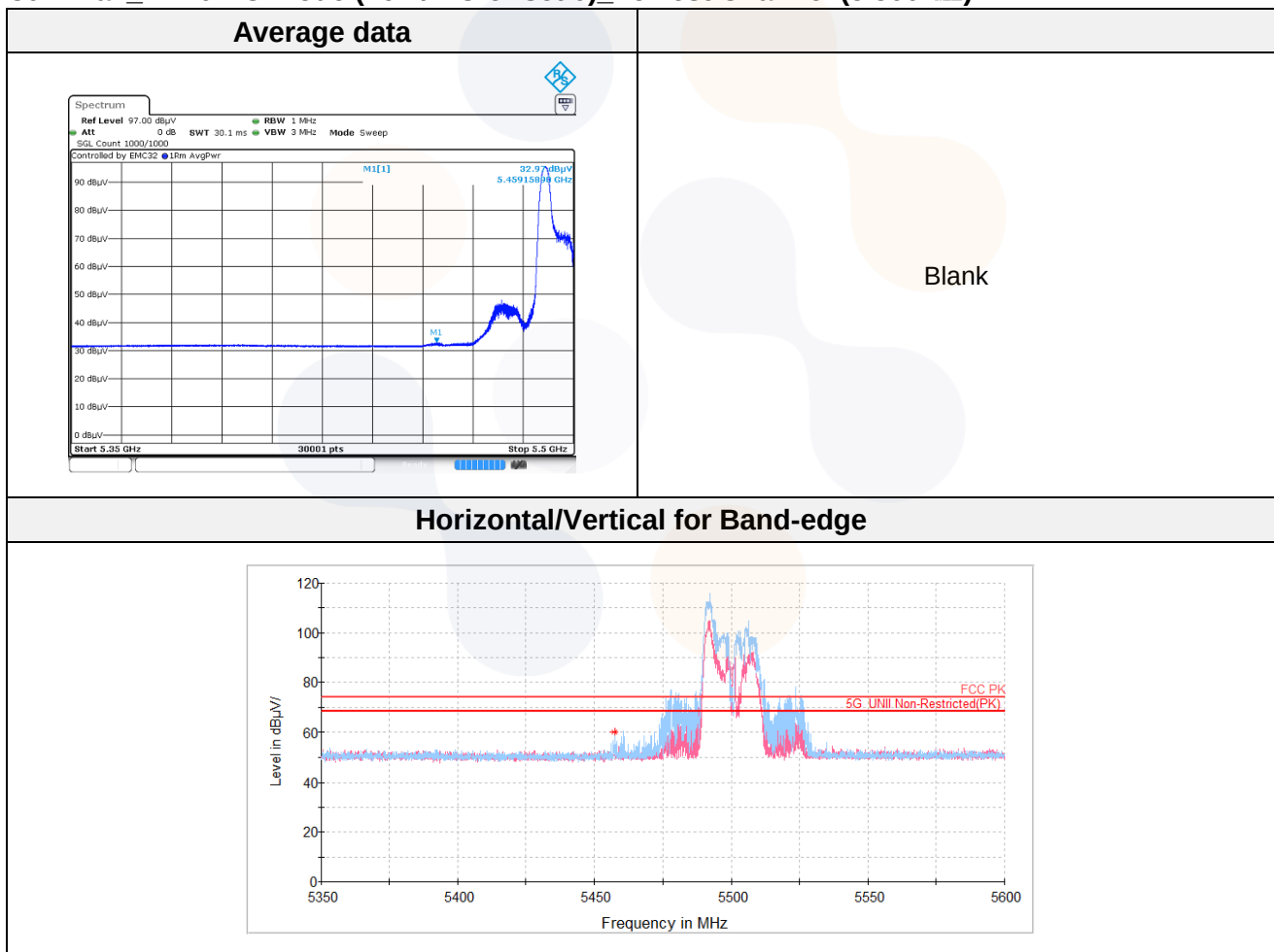
Frequency (MHz)	Pol. (V/H)	Reading (dB(μ V))	Ant. Factor (dB)	Amp.+Cable (dB)	DCF (dB)	Result (dB(μ V/m))	Limit (dB(μ V/m))	Margin (dB)
Peak data								
5 459.89 ¹⁾	H	42.74	34.47	-23.26	-	53.95	74.00	20.05
Average Data								
5 459.89 ¹⁾	H	33.24	34.47	-23.26	0.22	44.67	54.00	9.33

802.11ax_HE20 RU mode (242T / RU offset 61)_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								
5 459.74 ¹⁾	H	47.53	34.47	-23.26	-	58.74	74.00	15.26
Average Data								
5 459.74 ¹⁾	H	33.84	34.47	-23.26	0.22	45.27	54.00	8.73

Plot of Band edge

In order to simplify the report, attached plots were only the lowest margin condition

802.11ax_HE20 RU mode (26T / RU offset 0)_Lowest Channel (5 500 MHz)

UNII-2C SISO Restricted Band edge (Highest Channel)**802.11ax_HE20 SU mode_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								
5 725.30	H	54.37	34.86	-23.14	-	66.09	68.20	2.11

802.11ax_HE20 RU mode (26T / RU offset 8)_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								
5 728.15	H	54.23	34.87	-23.13	-	65.97	68.20	2.23

802.11ax_HE20 RU mode (52T / RU offset 40)_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								
5 725.78	H	51.90	34.86	-23.14	-	63.62	68.20	4.58

802.11ax_HE20 RU mode (106T / RU offset 54)_Highest Channel (5 700 MHz)

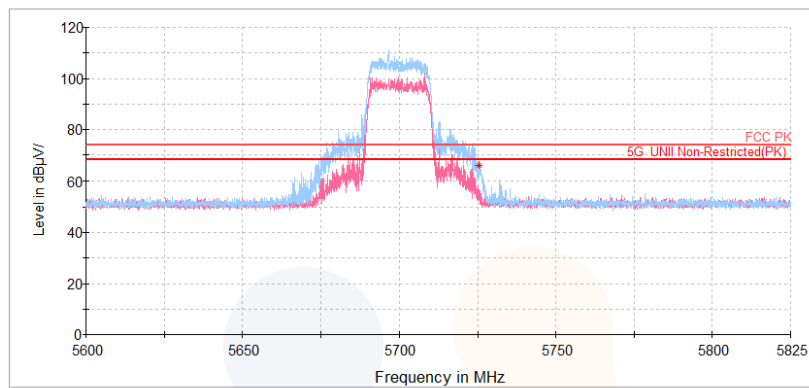
Frequency	Pol.	Reading	Ant. Factor	Amp. + Cable	DCF	Result	Limit	Margin
(MHz)	(V/H)	(dB(μV))	(dB)	(dB)	(dB)	(dB(μV/m))	(dB(μV/m))	(dB)
Peak data								
5 726.27	H	48.37	34.86	-23.14	-	60.09	68.20	8.11

802.11ax_HE20 RU mode (242T / RU offset 61)_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								
5 726.70	H	52.10	34.86	-23.13	-	63.83	68.20	4.37

Plot of Band edge

In order to simplify the report, attached plots were only the lowest margin condition

802.11ax_HE20 SU mode_Highest Channel (5 700 MHz)**Horizontal/Vertical for Band-edge**

UNII-3 SISO Restricted Band edge (Lowest Channel)**802.11ax_HE20 SU mode_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								
5 724.29	H	57.06	34.86	-23.15	-	68.77	120.57	51.80

802.11ax_HE20 RU mode (26T / RU offset 0)_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								
5 723.70	H	65.94	34.86	-23.15	-	77.65	119.24	41.59

802.11ax_HE20 RU mode (52T / RU offset 37)_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								
5 724.60	H	61.97	34.86	-23.14	-	73.69	121.29	47.60

802.11ax_HE20 RU mode (106T / RU offset 53)_Lowest Channel (5 745 MHz)

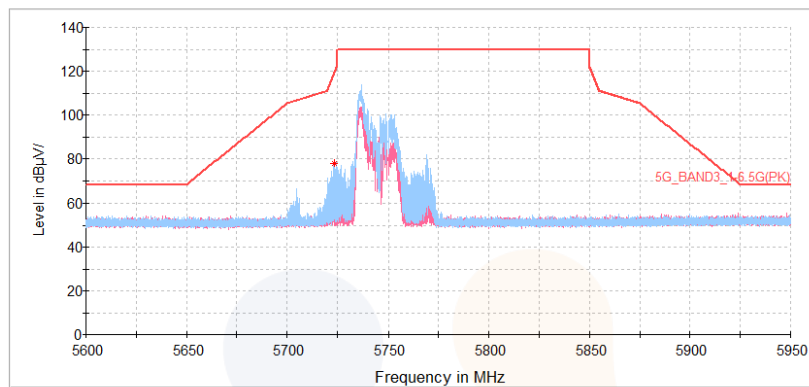
Frequency	Pol.	Reading	Ant. Factor	Amp. + Cable	DCF	Result	Limit	Margin
(MHz)	(V/H)	(dB(μV))	(dB)	(dB)	(dB)	(dB(μV/m))	(dB(μV/m))	(dB)
Peak data								
5 724.19	H	53.11	34.86	-23.15	-	64.82	120.36	55.54

802.11ax_HE20 RU mode (242T / RU offset 61)_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								
5 724.31	H	60.98	34.86	-23.15	-	72.69	120.62	47.94

Plot of Band edge

In order to simplify the report, attached plots were only the lowest margin condition

802.11ax_HE20 RU mode (26T / RU offset 0)_Lowest Channel (5 745 MHz)**Horizontal/Vertical for Band-edge**

UNII-3 SISO Restricted Band edge (Highest Channel)**802.11ax_HE20 SU mode_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								
5 850.30	H	48.68	35.06	-22.88	-	60.86	121.52	60.67

802.11ax_HE20 RU mode (26T / RU offset 8)_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								
5 850.36	H	57.60	35.06	-22.88	-	69.78	121.39	51.62

802.11ax_HE20 RU mode (52T / RU offset 40)_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								
5 850.10	H	51.91	35.06	-22.88	-	64.09	121.98	57.89

802.11ax_HE20 RU mode (106T / RU offset 54)_Highest Channel (5 825 MHz)

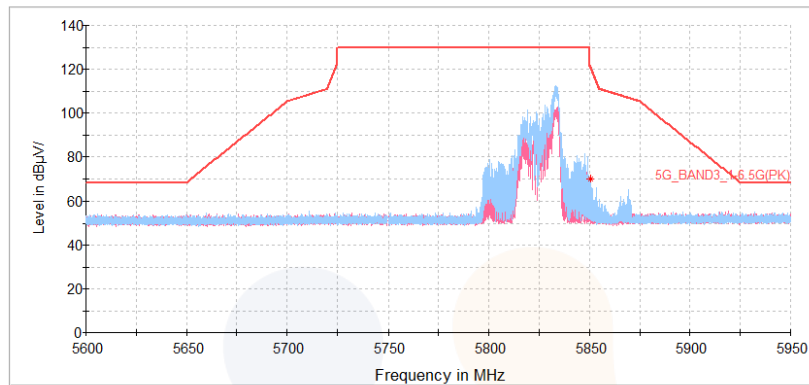
Frequency	Pol.	Reading	Ant. Factor	Amp. + Cable	DCF	Result	Limit	Margin
(MHz)	(V/H)	(dB(μV))	(dB)	(dB)	(dB)	(dB(μV/m))	(dB(μV/m))	(dB)
Peak data								
5 851.42	H	47.33	35.06	-22.89	-	59.50	118.97	59.47

802.11ax_HE20 RU mode (242T / RU offset 61)_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								
5 851.31	H	48.89	35.06	-22.89	-	61.06	119.21	58.15

Plot of Band edge

In order to simplify the report, attached plots were only the lowest margin condition

802.11ax_HE20 RU mode (26T / RU offset 8)_Highest Channel (5 825 MHz)**Horizontal/Vertical for Band-edge**

UNII-1 SISO Harmonics and Spurious Emissions**802.11ax_HE20 SU mode_Lowest Channel (5 180 MHz)**

Frequency (MHz)	Pol. (V/H)	Reading (dB(μ V))	Ant. Factor (dB)	Amp.+Cable (dB)	DCF (dB)	Result (dB(μ V/m))	Limit (dB(μ V/m))	Margin (dB)
Peak data								
10 341.38	V	58.74	37.50	-48.61	-	47.63	68.20	20.57
15 534.02 ¹⁾	H	57.75	39.90	-46.80	-	50.85	74.00	23.15
Average Data								
No spurious emissions were detected within 20 dB of the limit.								

802.11ax_HE20 SU mode_Middle Channel (5 200 MHz)

Frequency (MHz)	Pol. (V/H)	Reading (dB(μ V))	Ant. Factor (dB)	Amp.+Cable (dB)	DCF (dB)	Result (dB(μ V/m))	Limit (dB(μ V/m))	Margin (dB)
Peak data								
10 400.80	V	58.47	37.54	-48.49	-	47.52	68.20	20.68
15 586.15 ¹⁾	H	57.57	39.90	-46.81	-	50.66	74.00	23.34
Average Data								
No spurious emissions were detected within 20 dB of the limit.								

802.11ax_HE20 SU mode_Highest Channel (5 240 MHz)

Frequency (MHz)	Pol. (V/H)	Reading (dB(μ V))	Ant. Factor (dB)	Amp.+Cable (dB)	DCF (dB)	Result (dB(μ V/m))	Limit (dB(μ V/m))	Margin (dB)
Peak data								
10 436.83	V	59.27	37.56	-48.42	-	48.41	68.20	19.79
15 715.72 ¹⁾	H	57.85	39.90	-46.83	-	50.92	74.00	23.08
Average Data								
No spurious emissions were detected within 20 dB of the limit.								

802.11ax_HE20 RU mode (52T / RU offset 38)_Lowest Channel (5 180 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								
10 377.80	H	59.40	37.53	-48.54	-	48.39	68.20	19.81
15 537.08 ¹⁾	V	57.59	39.90	-46.80	-	50.69	74.00	23.31
Average Data								
No spurious emissions were detected within 20 dB of the limit.								

802.11ax_HE20 RU mode (52T / RU offset 38)_Middle Channel (5 200 MHz)

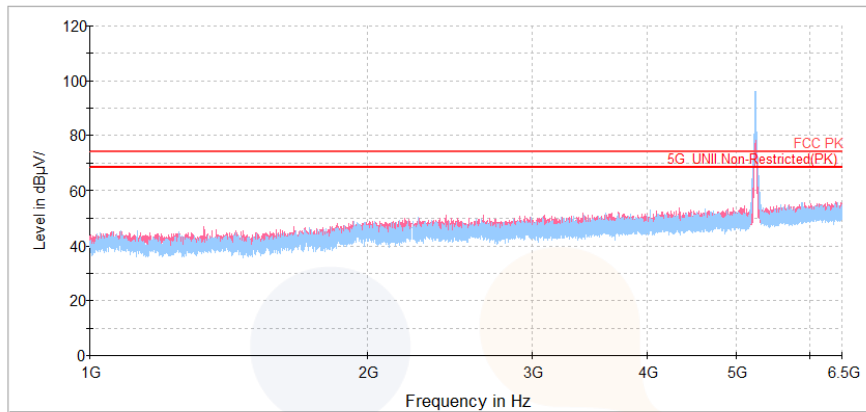
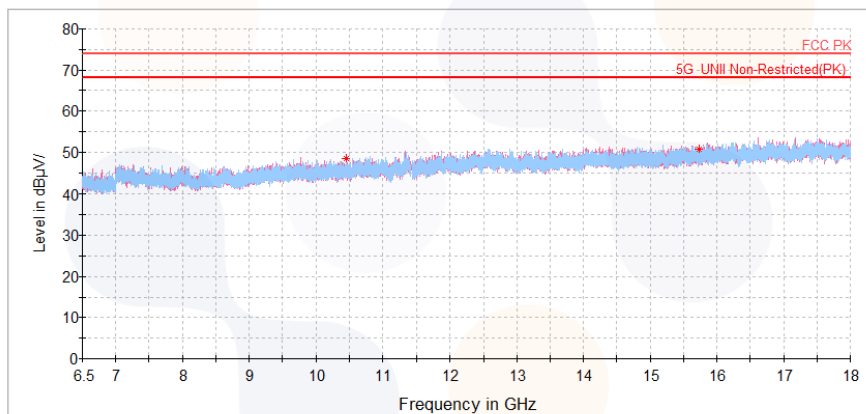
Frequency	Pol.	Reading	Ant. Factor	Amp.+Cable	DCF	Result	Limit	Margin
(MHz)	(V/H)	(dB(μV))	(dB)	(dB)	(dB)	(dB(μV/m))	(dB(μV/m))	(dB)
Peak data								
10 413.83	H	58.53	37.55	-48.47	-	47.61	68.20	20.59
15 601.48 ¹⁾	H	57.59	39.90	-46.81	-	50.68	74.00	23.32
Average Data								
No spurious emissions were detected within 20 dB of the limit.								

802.11ax_HE20 RU mode (242T / RU offset 61)_Lowest Channel (5 240 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								
10 463.67	V	58.62	37.58	-48.37	-	47.83	68.20	20.37
15 715.72 ¹⁾	H	57.81	39.90	-46.83	-	50.88	74.00	23.12
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

802.11ax_HE20 SU mode_Highest Channel (5 240 MHz)**Horizontal/Vertical for 1 GHz ~ 6.5 GHz****Horizontal/Vertical for 6.5 GHz ~ 18 GHz**

UNII-2A SISO Harmonics and Spurious Emissions**802.11ax_HE20 SU mode_Lowest Channel (5 260 MHz)**

Frequency (MHz)	Pol. (V/H)	Reading (dB(μ V))	Ant. Factor (dB)	Amp.+Cable (dB)	DCF (dB)	Result (dB(μ V/m))	Limit (dB(μ V/m))	Margin (dB)
Peak data								
10 500.08	H	59.09	37.60	-48.30	-	48.39	68.20	19.81
15 785.10 ¹⁾	V	57.52	39.90	-46.84	-	50.58	74.00	23.42
Average Data								
No spurious emissions were detected within 20 dB of the limit.								

802.11ax_HE20 SU mode_Middle Channel (5 280 MHz)

Frequency (MHz)	Pol. (V/H)	Reading (dB(μ V))	Ant. Factor (dB)	Amp.+Cable (dB)	DCF (dB)	Result (dB(μ V/m))	Limit (dB(μ V/m))	Margin (dB)
Peak data								
10 537.27	H	58.37	37.62	-48.32	-	47.67	68.20	20.53
15 842.60 ¹⁾	V	57.56	39.90	-46.85	-	50.61	74.00	23.39
Average Data								
No spurious emissions were detected within 20 dB of the limit.								

802.11ax_HE20 SU mode_Highest Channel (5 320 MHz)

Frequency (MHz)	Pol. (V/H)	Reading (dB(μ V))	Ant. Factor (dB)	Amp.+Cable (dB)	DCF (dB)	Result (dB(μ V/m))	Limit (dB(μ V/m))	Margin (dB)
Peak data								
10 628.50 ¹⁾	H	58.93	37.68	-48.38	-	48.23	74.00	25.77
15 971.78 ¹⁾	V	57.19	39.90	-46.88	-	50.21	74.00	23.79
Average Data								
No spurious emissions were detected within 20 dB of the limit.								

802.11ax_HE20 RU mode (106T / RU offset 53)_Lowest Channel (5 260 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								
10 539.57	V	58.03	37.62	-48.33	-	47.32	68.20	20.88
15 789.32 ¹⁾	H	57.69	39.90	-46.84	-	50.75	74.00	23.25
Average Data								
No spurious emissions were detected within 20 dB of the limit.								

802.11ax_HE20 RU mode (106T / RU offset 53)_Middle Channel (5 280 MHz)

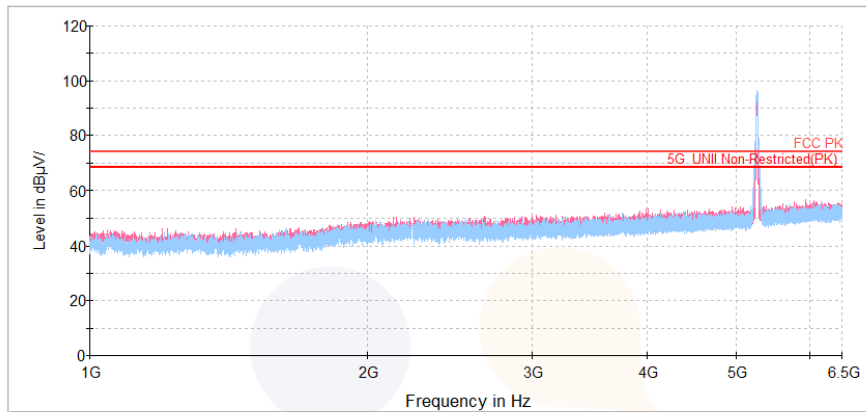
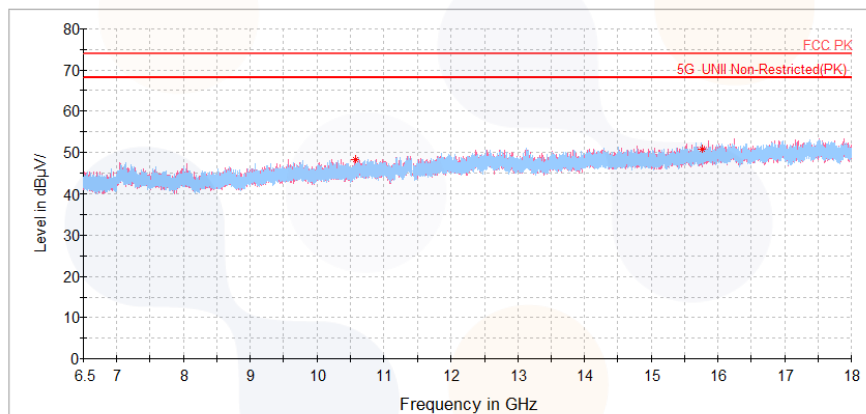
Frequency	Pol.	Reading	Ant. Factor	Amp.+Cable	DCF	Result	Limit	Margin
(MHz)	(V/H)	(dB(μV))	(dB)	(dB)	(dB)	(dB(μV/m))	(dB(μV/m))	(dB)
Peak data								
10 580.58	H	58.49	37.65	-48.35	-	47.79	68.20	20.41
15 837.23 ¹⁾	V	57.80	39.90	-46.85	-	50.85	74.00	23.15
Average Data								
No spurious emissions were detected within 20 dB of the limit.								

802.11ax_HE20 RU mode (106T / RU offset 53)_Highest Channel (5 320 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								
10 626.58 ¹⁾	V	58.01	37.68	-48.38	-	47.31	74.00	26.69
15 974.85 ¹⁾	H	57.63	39.90	-46.88	-	50.65	74.00	23.35
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

802.11ax_HE20 SU mode_Lowest Channel (5 260 MHz)**Horizontal/Vertical for 1 GHz ~ 6.5 GHz****Horizontal/Vertical for 6.5 GHz ~ 18 GHz**

UNII-2C SISO Harmonics and Spurious Emissions

802.11ax_HE20 SU mode_Lowest Channel (5 500 MHz)

Frequency (MHz)	Pol. (V/H)	Reading (dB(μ V))	Ant. Factor (dB)	Amp.+Cable (dB)	DCF (dB)	Result (dB(μ V/m))	Limit (dB(μ V/m))	Margin (dB)
Peak data								
10 962.38 ¹⁾	V	58.87	37.88	-48.59	-	48.16	74.00	25.84
16 603.13	V	55.89	41.30	-46.12	-	51.07	68.20	17.13
Average Data								
No spurious emissions were detected within 20 dB of the limit.								

802.11ax_HE20 SU mode_Middle Channel (5 600 MHz)

Frequency (MHz)	Pol. (V/H)	Reading (dB(μ V))	Ant. Factor (dB)	Amp.+Cable (dB)	DCF (dB)	Result (dB(μ V/m))	Limit (dB(μ V/m))	Margin (dB)
Peak data								
11 198.52 ¹⁾	H	58.40	38.06	-48.58	-	47.88	74.00	26.12
16 830.83	V	56.74	41.53	-46.01	-	52.26	68.20	15.94
Average Data								
No spurious emissions were detected within 20 dB of the limit.								

802.11ax_HE20 SU mode_Highest Channel (5 700 MHz)

Frequency (MHz)	Pol. (V/H)	Reading (dB(μ V))	Ant. Factor (dB)	Amp.+Cable (dB)	DCF (dB)	Result (dB(μ V/m))	Limit (dB(μ V/m))	Margin (dB)
Peak data								
11 380.22 ¹⁾	H	59.40	38.20	-48.54	-	49.06	74.00	24.94
17 141.33	H	55.95	41.46	-45.77	-	51.64	68.20	16.56
Average Data								
No spurious emissions were detected within 20 dB of the limit.								

802.11ax_HE20 RU mode (52T / RU offset 38)_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								
11 014.90 ¹⁾	H	58.07	37.91	-48.61	-	47.37	74.00	26.63
16 518.80	H	56.36	41.22	-46.16	-	51.42	68.20	16.78
Average Data								
No spurious emissions were detected within 20 dB of the limit.								

802.11ax_HE20 RU mode (52T / RU offset 38)_Middle Channel (5 600 MHz)

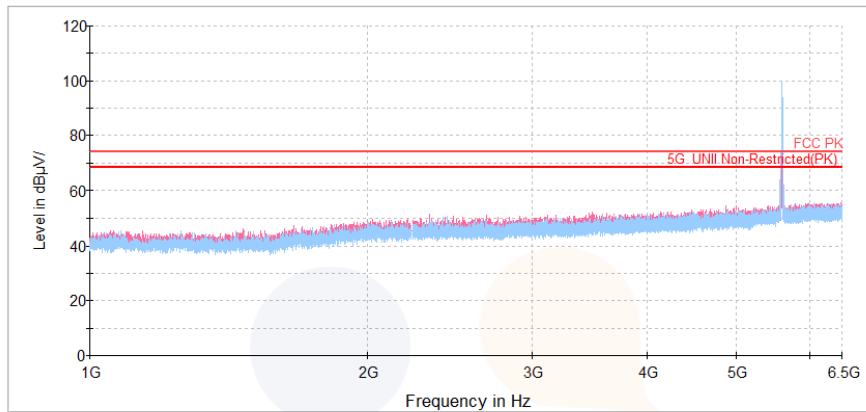
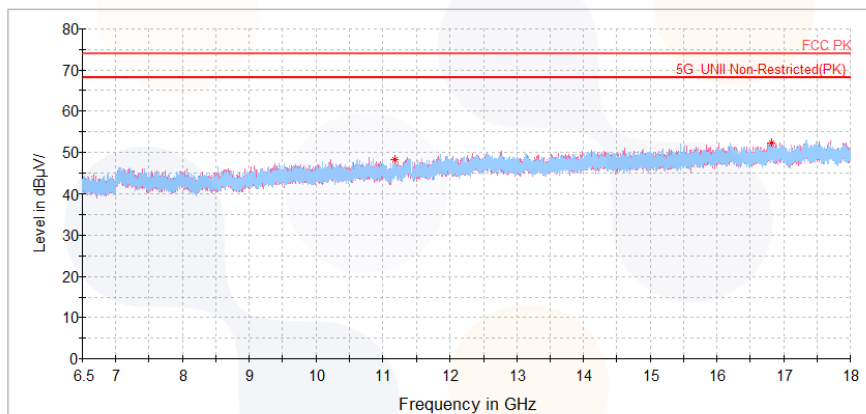
Frequency	Pol.	Reading	Ant. Factor	Amp.+Cable	DCF	Result	Limit	Margin
(MHz)	(V/H)	(dB(μV))	(dB)	(dB)	(dB)	(dB(μV/m))	(dB(μV/m))	(dB)
Peak data								
11 176.28 ¹⁾	V	58.23	38.04	-48.58	-	47.69	74.00	26.31
16 842.33	H	57.44	41.54	-46.01	-	52.97	68.20	15.23
Average Data								
No spurious emissions were detected within 20 dB of the limit.								

802.11ax_HE20 RU mode (52T / RU offset 38)_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								
11 395.17 ¹⁾	H	59.32	38.22	-48.54	-	49.00	74.00	25.00
17 152.07	H	55.91	41.46	-45.76	-	51.61	68.20	16.59
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

802.11ax_HE20 RU mode (52T / RU offset 38)_Middle Channel (5 600 MHz)**Horizontal/Vertical for 1 GHz ~ 6.5 GHz****Horizontal/Vertical for 6.5 GHz ~ 18 GHz**

UNII-2C&3 Straddle Channel SISO(ANT2) Harmonics and Spurious Emissions**802.11ax_HE20 SU mode_Middle Channel (5 720 MHz)**

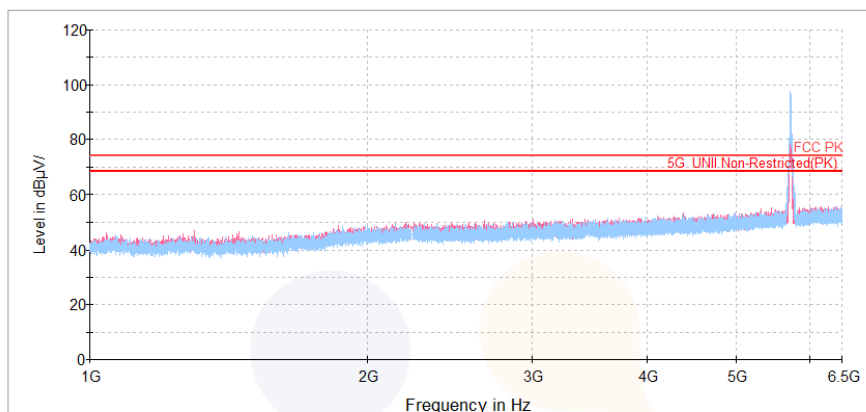
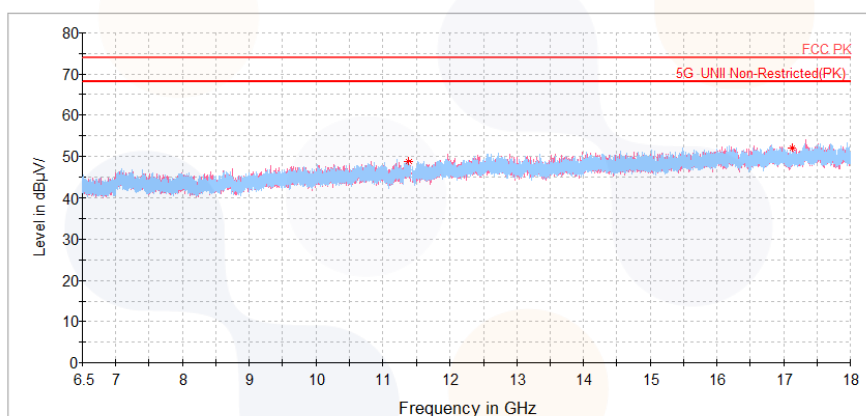
Frequency	Pol.	Reading	Ant. Factor	Amp.+Cable	DCF	Result	Limit	Margin
(MHz)	(V/H)	(dB(μV))	(dB)	(dB)	(dB)	(dB($\mu V/m$))	(dB($\mu V/m$))	(dB)
Peak data								
11 445.38 ¹⁾	V	58.27	38.26	-48.53	-	48.00	74.00	26.00
17 203.82	V	56.24	41.48	-45.70	-	52.02	68.20	16.18
Average Data								
No spurious emissions were detected within 20 dB of the limit.								

802.11ax_HE20 RU mode (52T / RU offset 38)_Middle Channel (5 720 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								
11 409.73 ¹⁾	V	59.91	38.23	-48.54	-	49.60	74.00	24.40
17 145.17	V	55.69	41.46	-45.76	-	51.39	68.20	16.81
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

802.11ax_HE20 SU mode_Middle Channel (5 720 MHz)**Horizontal/Vertical for 1 GHz ~ 6.5 GHz****Horizontal/Vertical for 6.5 GHz ~ 18 GHz**

UNII-3 SISO Harmonics and Spurious Emissions

802.11ax_HE20 SU mode_Lowest Channel (5 745 MHz)

Frequency (MHz)	Pol. (V/H)	Reading (dB(μ V))	Ant. Factor (dB)	Amp.+Cable (dB)	DCF (dB)	Result (dB(μ V/m))	Limit (dB(μ V/m))	Margin (dB)
Peak data								
11 500.58 ¹⁾	H	58.21	38.30	-48.52	-	47.99	74.00	26.01
17 215.32	H	55.72	41.49	-45.68	-	51.53	68.20	16.67
Average Data								
No spurious emissions were detected within 20 dB of the limit.								

802.11ax_HE20 SU mode_Middle Channel (5 785 MHz)

Frequency (MHz)	Pol. (V/H)	Reading (dB(μ V))	Ant. Factor (dB)	Amp.+Cable (dB)	DCF (dB)	Result (dB(μ V/m))	Limit (dB(μ V/m))	Margin (dB)
Peak data								
11 546.97 ¹⁾	H	58.83	38.36	-48.56	-	48.63	74.00	25.37
17 351.40	H	56.33	41.54	-45.52	-	52.35	68.20	15.85
Average Data								
No spurious emissions were detected within 20 dB of the limit.								

802.11ax_HE20 SU mode_Highest Channel (5 825 MHz)

Frequency (MHz)	Pol. (V/H)	Reading (dB(μ V))	Ant. Factor (dB)	Amp.+Cable (dB)	DCF (dB)	Result (dB(μ V/m))	Limit (dB(μ V/m))	Margin (dB)
Peak data								
11 694.55 ¹⁾	V	58.06	38.53	-48.67	-	47.92	74.00	26.08
17 471.38	V	55.95	41.59	-45.39	-	52.15	68.20	16.05
Average Data								
No spurious emissions were detected within 20 dB of the limit.								

802.11ax_HE20 RU mode (52T / RU offset 38)_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								
11 421.23 ¹⁾	H	59.20	38.24	-48.54	-	48.90	74.00	25.10
17 204.97	V	55.77	41.48	-45.69	-	51.56	68.20	16.64
Average Data								
No spurious emissions were detected within 20 dB of the limit.								

802.11ax_HE20 RU mode (52T / RU offset 38)_Middle Channel (5 785 MHz)

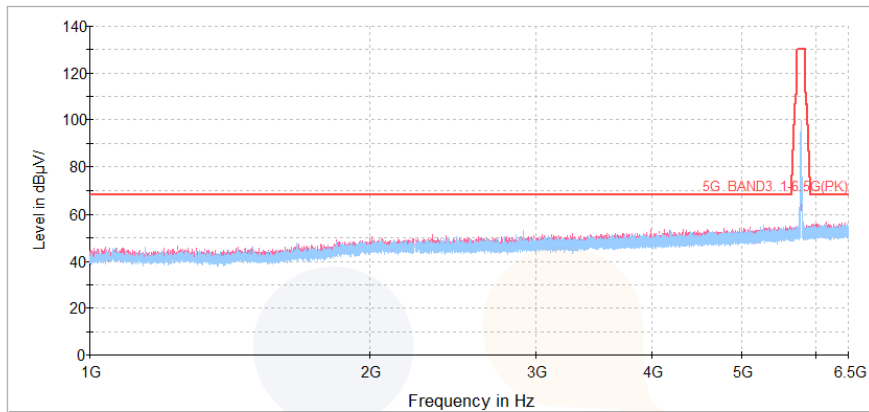
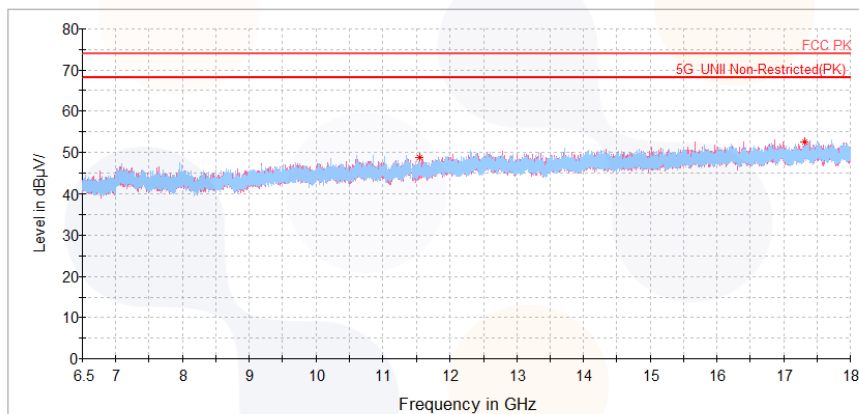
Frequency	Pol.	Reading	Ant. Factor	Amp.+Cable	DCF	Result	Limit	Margin
(MHz)	(V/H)	(dB(μV))	(dB)	(dB)	(dB)	(dB(μV/m))	(dB(μV/m))	(dB)
Peak data								
11 599.10 ¹⁾	V	58.45	38.42	-48.60	-	48.27	74.00	25.73
17 297.35	V	56.91	41.52	-45.59	-	52.84	68.20	15.36
Average Data								
No spurious emissions were detected within 20 dB of the limit.								

802.11ax_HE20 RU mode (52T / RU offset 38)_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								
11 635.90 ¹⁾	H	58.34	38.46	-48.62	-	48.18	74.00	25.82
17 467.17	V	55.76	41.59	-45.39	-	51.96	68.20	16.24
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

802.11ax_HE20 RU mode (52T / RU offset 38)_Middle Channel (5 785 MHz)**Horizontal/Vertical for 1 GHz ~ 6.5 GHz****Horizontal/Vertical for 6.5 GHz ~ 18 GHz**

8. Measurement equipment

Equipment Name	Manufacturer	Model No.	Serial No.	Next Cal. Date
Spectrum Analyzer	R&S	FSV30	100732	25.07.02
DC Power Supply	AGILENT	E3632A	MY40016393	25.07.01
Signal Generator	R&S	SMB100A	176206	25.01.18
Vector Signal Generator	R&S	SMBV100A	257566	25.07.01
Attenuator	HUBER+SUHNER	6610_SK-50-1/199_NE	ATT01	24.10.16
Power Sensor	R&S	NRP-Z81	1137.9009.02-106224-tg	25.07.01
Attenuator	R&S	DNF	0008	25.01.18
Antenna Mast	Innco Systems	MA4640-XP-ET	MA4000/396/30810213/L	-
Controller	Innco Systems	CO3000	1175/45850319/P	-
Spectrum Analyzer	R&S	FSV40	100989	24.10.12
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-A1698-HS	WT160411001	25.04.25
High pass Filter	WT	WT-A1699-HS	WT160411002	25.04.25
High pass Filter	Qotana	DBHF058004000A	20070100016	25.06.24
Signal Generator	R&S	SMB100A	176206	25.01.18
EMI TEST RECEIVER	R&S	ESC17	100732	25.02.28
Bi-Log Antenna	TESEQ	CBL 6112D	62438	25.05.25
Amplifier	SONOMA INSTRUMENT	310N	284608	25.08.13
ATTENUATOR	KEYSIGHT	8491B-6dB	MY39271082	25.05.25
LOOP Antenna	R&S	HFH2-Z2	100355	26.06.25
ISOLATION TRANSFORMER	ONETECH CO.,LTD	OT-IT500VA	OTR1-16026	25.03.21
Antenna Mast	Innco Systems	MA4640/800-XP-ET	-	-
Turn Table	Innco Systems	DT2000	79	-
TWO-LINE V - NETWORK	R&S	ENV216	101358	25.03.27
EMI TEST RECEIVER	R&S	ESC13	100001	25.08.12
Temp & Humid Chamber	ESPEC	SH-642	93016978	25.01.18

End of test report