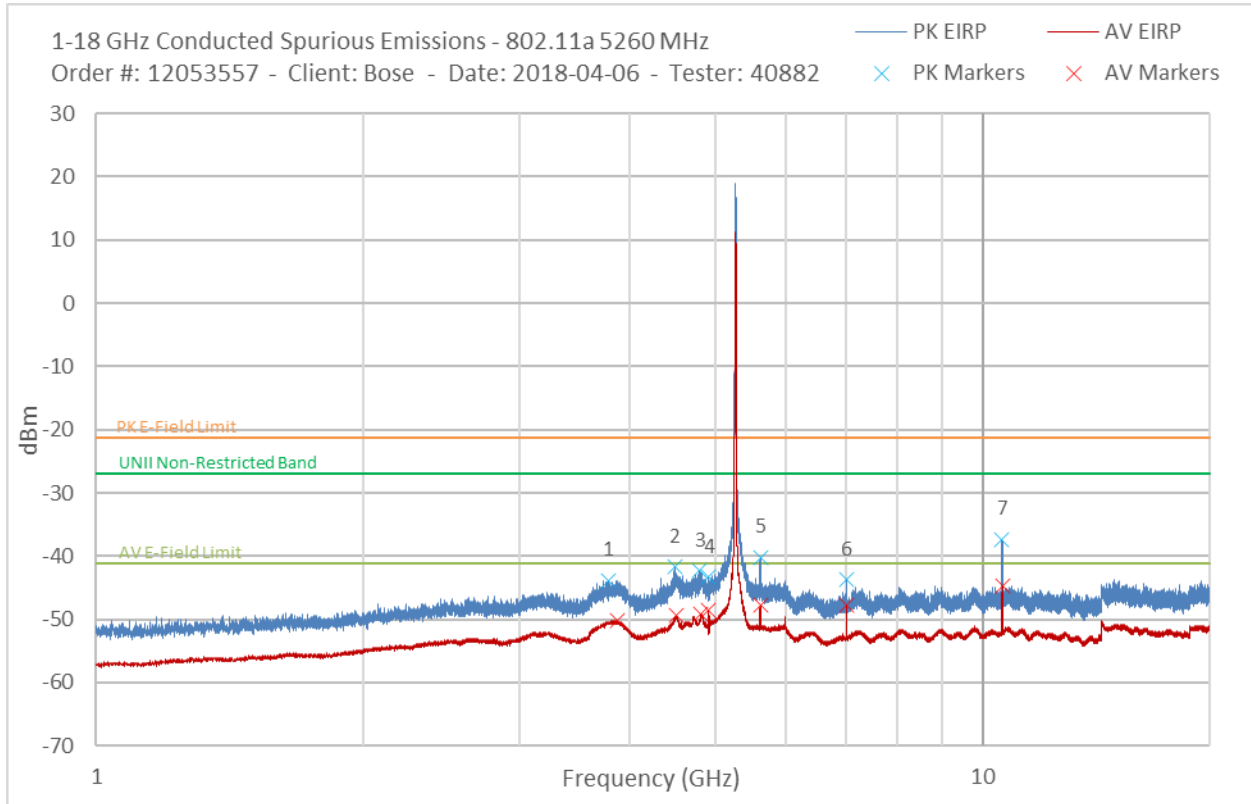


9.2.1. 802.11a MODE IN THE 5.3GHz BAND – LOW CHANNEL



Peak Scan Tabular Data

#	Frequency (MHz)	Meter PK Corrected Reading Chain 0 (dBm)	Meter PK Corrected Reading Chain 1 (dBm)	AG Chain 0 (dBi)	AG Chain 1 (dBi)	Array Gain (dBi)	PK EIRP (dBm)	PK E-field Limit (dBm)	PK E-field Margin (dB)	UNII Non-Restricted Band Limit (dBm)	UNII Non-Restricted Band Margin (dBm)
1	3778.65	-51.51	-52.58	2.16	2.16	3.01	-43.83	-21.20	-22.63	-27.00	-16.83
2	4498.18	-49.31	-50.67	2.16	2.16	3.01	-41.75	-21.20	-20.55	-27.00	-14.75
3	4796.10	-51.67	-49.57	2.16	2.16	3.01	-42.31	-21.20	-21.11	-27.00	-15.31
4	4908.30	-46.66	-51.95	2.16	2.16	0.00 ¹	-43.37	-21.20	-22.17	-27.00	-16.37
5	5610.83	-45.95	-54.28	2.16	2.16	3.01	-40.18	-21.20	-18.98	-27.00	-13.18
6	7014.18	-49.74	-56.45	2.16	2.16	3.01	-43.73	-21.20	-22.53	-27.00	-16.73
7	10517.45	-43.44	-49.59	2.16	2.16	3.01	-37.32	-21.20	-16.12	-27.00	-10.32

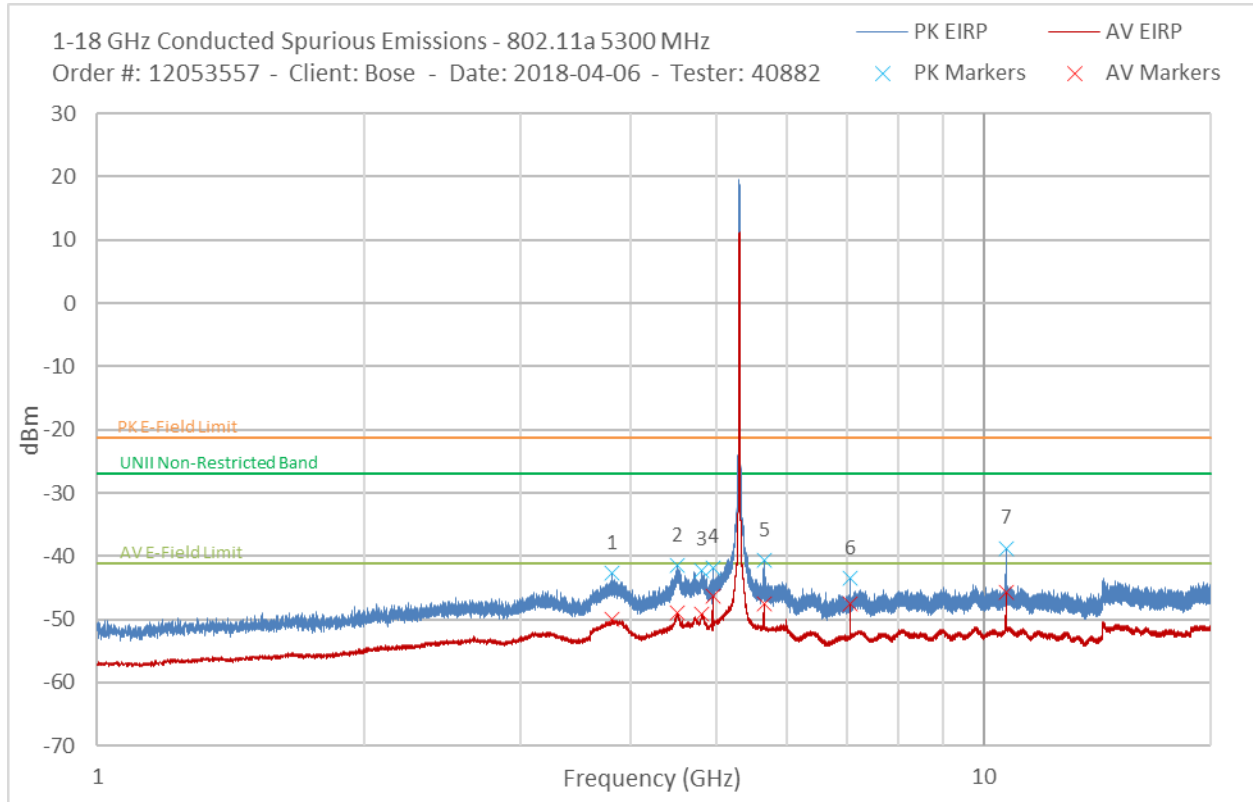
Note 1: This frequency is a -352MHz offset of the fundamental and is only located on chain 0. Therefore, array gain is not added to the EIRP reading.

Average Scan Tabular Data

#	Frequency (MHz)	Meter AV Corrected Reading Chain 0 (dBm)	Meter AV Corrected Reading Chain 1 (dBm)	AG Chain 0 (dBi)	AG Chain 1 (dBi)	Array Gain (dBi)	DCCF (dB)	AV EIRP (dBm)	AV E-field Limit (dBm)	AV E-field Margin (dB)
1	3872.58	-61.68	-61.68	2.16	2.16	3.01	3.41	-50.08	-41.20	-8.88
2	4517.73	-60.38	-61.55	2.16	2.16	3.01	3.41	-49.33	-41.20	-8.13
3	4809.70	-60.39	-61.00	2.16	2.16	3.01	3.41	-49.08	-41.20	-7.88
4	4908.73	-54.88	-62.34	2.16	2.16	0.00 ¹	3.41	-48.58	-41.20	-7.38
5	5613.38	-57.31	-62.86	2.16	2.16	3.01	3.41	-47.66	-41.20	-6.46
6	7014.18	-56.98	-64.68	2.16	2.16	3.01	3.41	-47.71	-41.20	-6.51
7	10519.58	-54.44	-59.88	2.16	2.16	3.01	3.41	-44.76	-41.20	-3.56

Note 1: This frequency is a -352MHz offset of the fundamental and is only located on chain 0. Therefore, array gain is not added to the EIRP reading.

9.2.2. 802.11a MODE IN THE 5.3GHz BAND – MID CHANNEL



Peak Scan Tabular Data

#	Frequency (MHz)	Meter PK Corrected Reading Chain 0 (dBm)	Meter PK Corrected Reading Chain 1 (dBm)	AG Chain 0 (dBi)	AG Chain 1 (dBi)	Array Gain (dBi)	PK EIRP (dBm)	PK E-field Limit (dBm)	PK E-field Margin (dB)	UNII Non-Restricted Band Limit (dBm)	UNII Non-Restricted Band Margin (dBm)
1	3806.28	-50.55	-51.20	2.16	2.16	3.01	-42.68	-21.20	-21.48	-27.00	-15.68
2	4508.80	-50.63	-48.85	2.16	2.16	3.01	-41.46	-21.20	-20.26	-27.00	-14.46
3	4799.08	-49.07	-52.30	2.16	2.16	3.01	-42.21	-21.20	-21.01	-27.00	-15.21
4	4948.68	-44.68	-52.15	2.16	2.16	0.00 ¹	-41.80	-21.20	-20.60	-27.00	-14.80
5	5653.33	-46.56	-54.31	2.16	2.16	3.01	-40.71	-21.20	-19.51	-27.00	-13.71
6	7067.73	-49.54	-56.06	2.16	2.16	3.01	-43.49	-21.20	-22.29	-27.00	-16.49
7	10603.73	-45.82	-48.52	2.16	2.16	3.01	-38.78	-21.20	-17.58	-27.00	-11.78

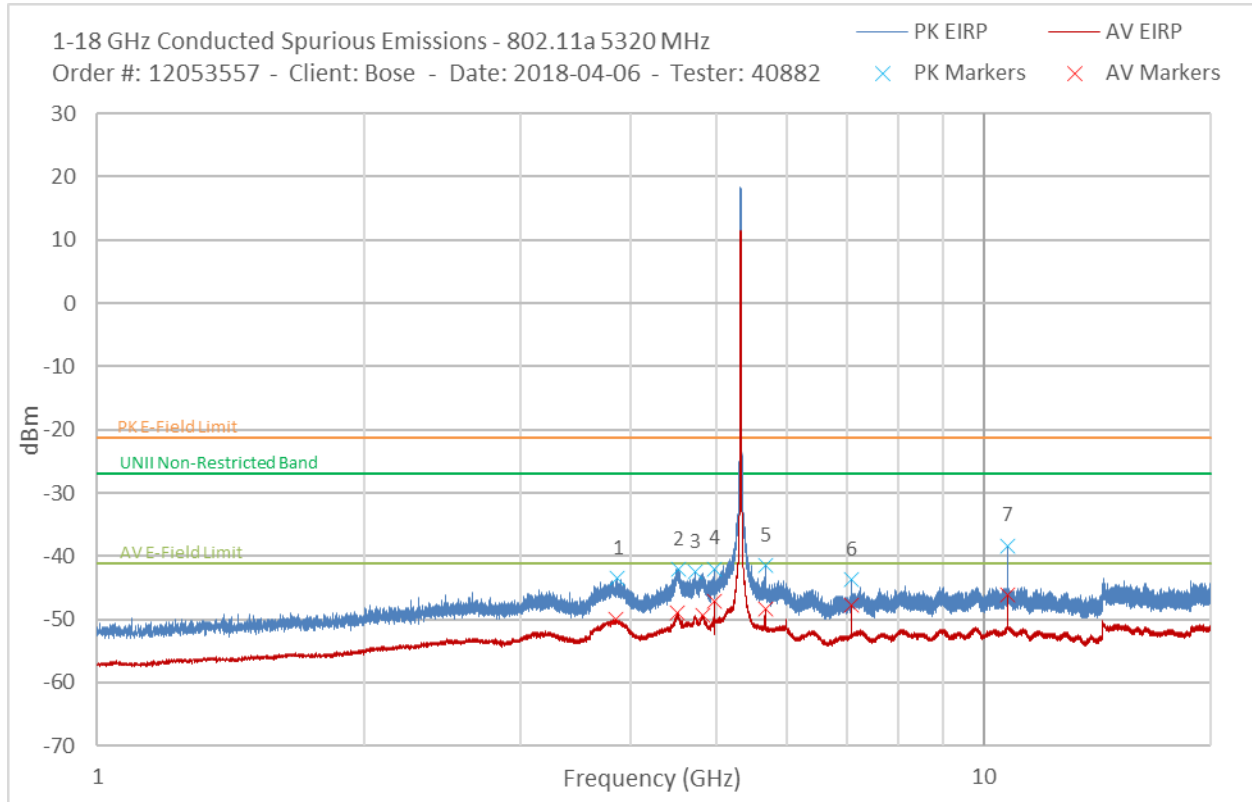
Note 1: This frequency is a -352MHz offset of the fundamental and is only located on chain 0. Therefore, array gain is not added to the EIRP reading.

Average Scan Tabular Data

#	Frequency (MHz)	Meter AV Corrected Reading Chain 0 (dBm)	Meter AV Corrected Reading Chain 1 (dBm)	AG Chain 0 (dBi)	AG Chain 1 (dBi)	Array Gain (dBi)	DCCF (dB)	AV EIRP (dBm)	AV E-field Limit (dBm)	AV E-field Margin (dB)
1	3806.70	-61.59	-61.65	2.16	2.16	3.01	3.41	-50.02	-41.20	-8.82
2	4513.90	-59.59	-61.64	2.16	2.16	3.01	3.41	-48.90	-41.20	-7.70
3	4811.40	-60.99	-60.64	2.16	2.16	3.01	3.41	-49.21	-41.20	-8.01
4	4948.68	-52.47	-61.44	2.16	2.16	0.00 ¹	3.41	-46.37	-41.20	-5.17
5	5652.90	-57.27	-62.87	2.16	2.16	3.01	3.41	-47.62	-41.20	-6.42
6	7067.30	-56.91	-63.76	2.16	2.16	3.01	3.41	-47.51	-41.20	-6.31
7	10600.75	-56.68	-57.99	2.16	2.16	3.01	3.41	-45.69	-41.20	-4.49

Note 1: This frequency is a -352MHz offset of the fundamental and is only located on chain 0. Therefore, array gain is not added to the EIRP reading.

9.2.3. 802.11a MODE IN THE 5.3GHZ BAND – HIGH CHANNEL



Peak Scan Tabular Data

#	Frequency (MHz)	Meter PK Corrected Reading Chain 0 (dBm)	Meter PK Corrected Reading Chain 1 (dBm)	AG Chain 0 (dBi)	AG Chain 1 (dBi)	Array Gain (dBi)	PK EIRP (dBm)	PK E-field Limit (dBm)	PK E-field Margin (dB)	UNII Non-Restricted Band Limit (dBm)	UNII Non-Restricted Band Margin (dBm)
1	3862.38	-50.40	-53.65	2.16	2.16	3.01	-43.54	-21.20	-22.34	-27.00	-16.54
2	4525.38	-49.23	-51.60	2.16	2.16	3.01	-42.07	-21.20	-20.87	-27.00	-15.07
3	4725.55	-50.59	-50.68	2.16	2.16	3.01	-42.45	-21.20	-21.25	-27.00	-15.45
4	4968.65	-44.76	-52.97	2.16	2.16	0.00 ¹	-41.98	-21.20	-20.78	-27.00	-14.98
5	5672.45	-47.60	-53.68	2.16	2.16	3.01	-41.47	-21.20	-20.27	-27.00	-14.47
6	7094.08	-49.69	-56.48	2.16	2.16	3.01	-43.69	-21.20	-22.49	-27.00	-16.69
7	10642.40	-44.76	-49.46	2.16	2.16	3.01	-38.32	-21.20	-17.12	-27.00	-11.32

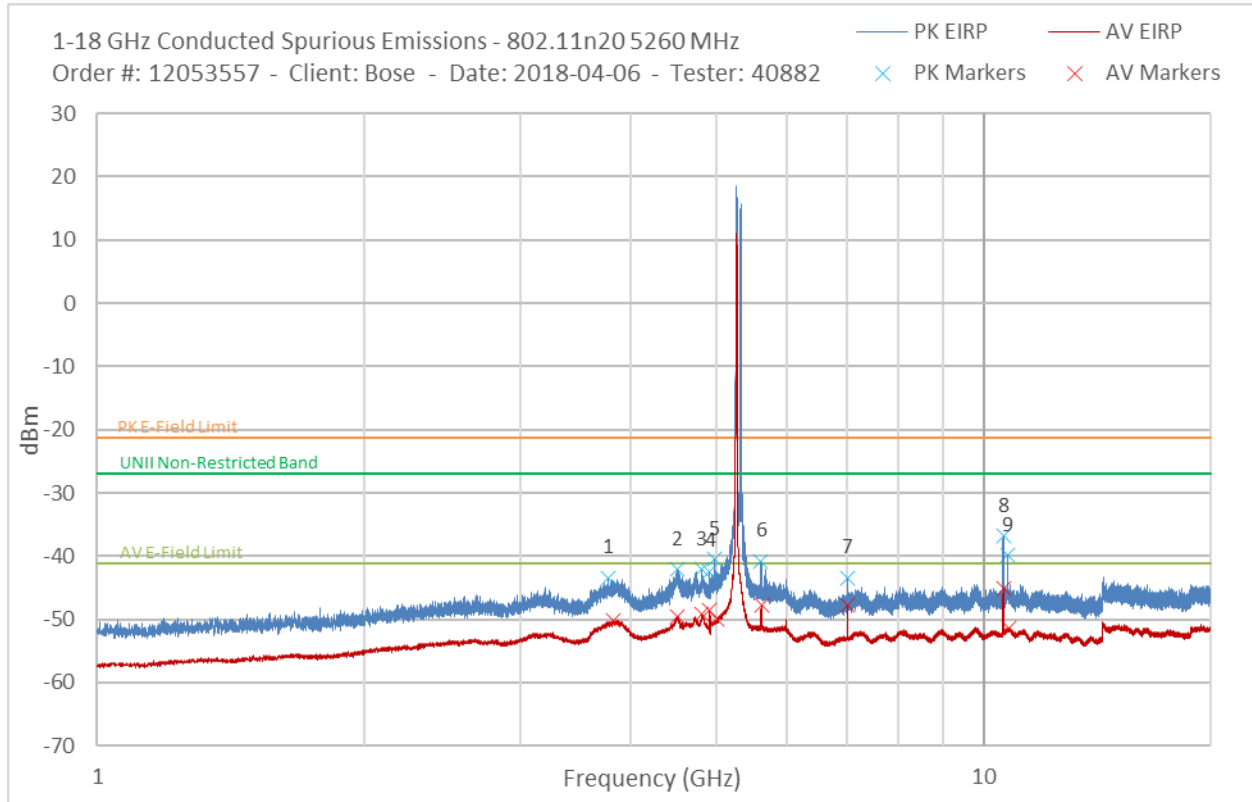
Note 1: This frequency is a -352MHz offset of the fundamental and is only located on chain 0. Therefore, array gain is not added to the EIRP reading.

Average Scan Tabular Data

#	Frequency (MHz)	Meter AV Corrected Reading Chain 0 (dBm)	Meter AV Corrected Reading Chain 1 (dBm)	AG Chain 0 (dBi)	AG Chain 1 (dBi)	Array Gain (dBi)	DCCF (dB)	AV EIRP (dBm)	AV E-field Limit (dBm)	AV E-field Margin (dB)
1	3849.63	-61.61	-61.67	2.16	2.16	3.01	3.41	-50.04	-41.20	-8.84
2	4515.18	-59.61	-61.55	2.16	2.16	3.01	3.41	-48.87	-41.20	-7.67
3	4826.28	-60.63	-61.14	2.16	2.16	3.01	3.41	-49.28	-41.20	-8.08
4	4968.65	-53.28	-61.15	2.16	2.16	0.00 ¹	3.41	-47.05	-41.20	-5.85
5	5672.45	-58.18	-62.77	2.16	2.16	3.01	3.41	-48.30	-41.20	-7.10
6	7094.08	-57.24	-64.03	2.16	2.16	3.01	3.41	-47.83	-41.20	-6.63
7	10640.70	-57.36	-58.29	2.16	2.16	3.01	3.41	-46.21	-41.20	-5.01

Note 1: This frequency is a -352MHz offset of the fundamental and is only located on chain 0. Therefore, array gain is not added to the EIRP reading.

9.2.4. 802.11n HT20 MODE IN THE 5.3GHz BAND – LOW CHANNEL



Peak Scan Tabular Data

#	Frequency (MHz)	Meter PK Corrected Reading Chain 0 (dBm)	Meter PK Corrected Reading Chain 1 (dBm)	AG Chain 0 (dBi)	AG Chain 1 (dBi)	Array Gain (dBi)	PK EIRP (dBm)	PK E-field Limit (dBm)	PK E-field Margin (dB)	UNII Non-Restricted Band Limit (dBm)	UNII Non-Restricted Band Margin (dBm)
1	3765.48	-50.02	-54.17	2.16	2.16	3.01	-43.43	-21.20	-22.23	-27.00	-16.43
2	4507.53	-49.03	-52.26	2.16	2.16	3.01	-42.16	-21.20	-20.96	-27.00	-15.16
3	4809.70	-48.93	-52.29	2.16	2.16	3.01	-42.11	-21.20	-20.91	-27.00	-15.11
4	4908.73	-45.33	-52.40	2.16	2.16	0.00 ¹	-42.39	-21.20	-21.19	-27.00	-15.39
5	4968.65	-46.50	-53.13	2.16	2.16	3.01	-40.47	-21.20	-19.27	-27.00	-13.47
6	5609.98	-46.55	-54.74	2.16	2.16	3.01	-40.76	-21.20	-19.56	-27.00	-13.76
7	7014.18	-49.38	-56.22	2.16	2.16	3.01	-43.39	-21.20	-22.19	-27.00	-16.39
8	10520.85	-42.88	-49.71	2.16	2.16	3.01	-36.88	-21.20	-15.68	-27.00	-9.88
9	10636.03	-45.70	-53.96	2.16	2.16	3.01	-39.92	-21.20	-18.72	-27.00	-12.92

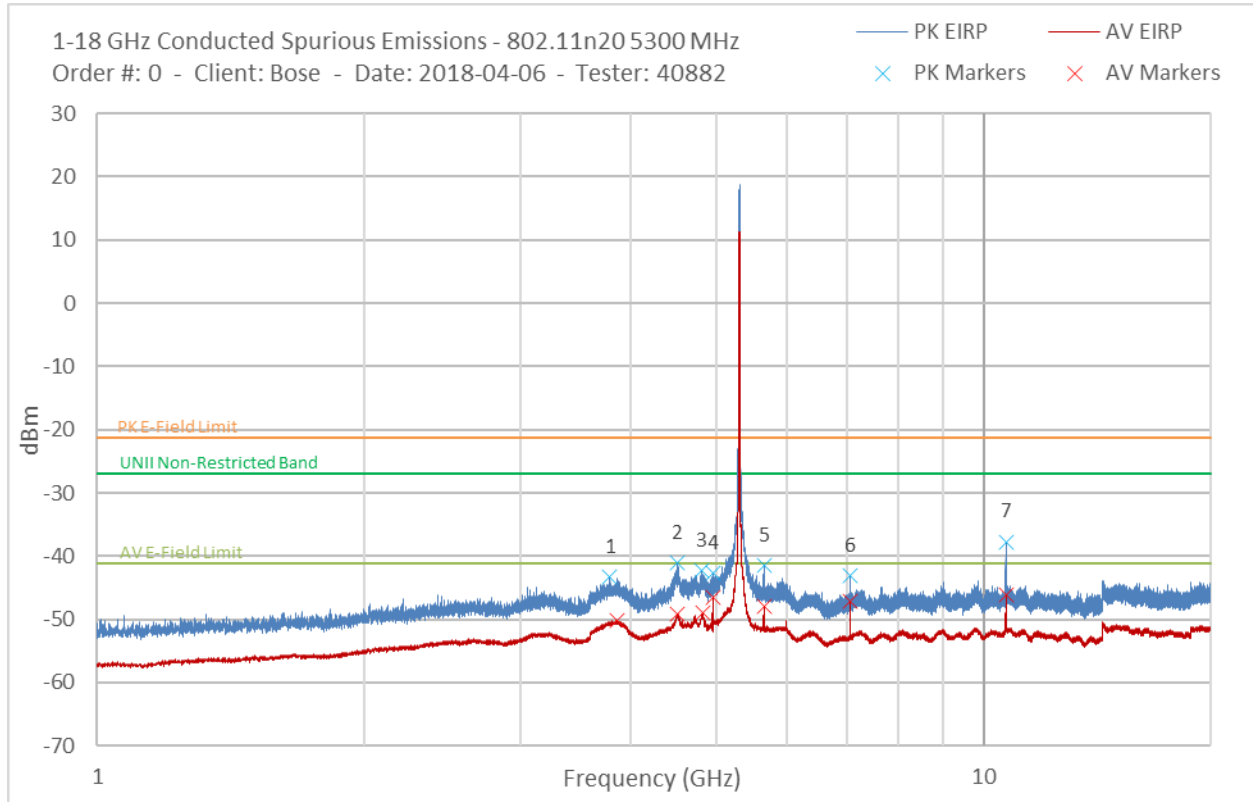
Note 1: This frequency is a -352MHz offset of the fundamental and is only located on chain 0. Therefore, array gain is not added to the EIRP reading.

Average Scan Tabular Data

#	Frequency (MHz)	Meter AV Corrected Reading Chain 0 (dBm)	Meter AV Corrected Reading Chain 1 (dBm)	AG Chain 0 (dBi)	AG Chain 1 (dBi)	Array Gain (dBi)	DCCF (dB)	AV EIRP (dBm)	AV E-field Limit (dBm)	AV E-field Margin (dB)
1	3818.18	-61.65	-61.45	2.16	2.16	3.01	3.27	-50.10	-41.20	-8.90
2	4510.08	-60.31	-61.68	2.16	2.16	3.01	3.27	-49.49	-41.20	-8.29
3	4813.10	-60.64	-60.70	2.16	2.16	3.01	3.27	-49.22	-41.20	-8.02
4	4908.73	-54.88	-61.68	2.16	2.16	0.00 ¹	3.27	-48.63	-41.20	-7.43
5	4996.70	-61.42	-61.33	2.16	2.16	3.01	3.27	-49.93	-41.20	-8.73
6	5613.38	-57.31	-62.84	2.16	2.16	3.01	3.27	-47.80	-41.20	-6.60
7	7014.18	-56.98	-63.98	2.16	2.16	3.01	3.27	-47.75	-41.20	-6.55
8	10519.58	-54.44	-60.71	2.16	2.16	3.01	3.27	-45.08	-41.20	-3.88
9	10667.05	-62.82	-62.87	2.16	2.16	3.01	3.27	-51.40	-41.20	-10.20

Note 1: This frequency is a -352MHz offset of the fundamental and is only located on chain 0. Therefore, array gain is not added to the EIRP reading.

9.2.5. 802.11n HT20 MODE IN THE 5.3GHz BAND – MID CHANNEL



Peak Scan Tabular Data

#	Frequency (MHz)	Meter PK Corrected Reading Chain 0 (dBm)	Meter PK Corrected Reading Chain 1 (dBm)	AG Chain 0 (dBi)	AG Chain 1 (dBi)	Array Gain (dBi)	PK EIRP (dBm)	PK E-field Limit (dBm)	PK E-field Margin (dB)	UNII Non-Restricted Band Limit (dBm)	UNII Non-Restricted Band Margin (dBm)
1	3789.28	-50.04	-53.64	2.16	2.16	3.01	-43.30	-21.20	-22.10	-27.00	-16.30
2	4507.95	-48.21	-50.58	2.16	2.16	3.01	-41.05	-21.20	-19.85	-27.00	-14.05
3	4808.00	-51.14	-49.97	2.16	2.16	3.01	-42.33	-21.20	-21.13	-27.00	-15.33
4	4948.25	-45.45	-53.81	2.16	2.16	0.00 ¹	-42.70	-21.20	-21.50	-27.00	-15.70
5	5652.90	-47.66	-53.36	2.16	2.16	3.01	-41.45	-21.20	-20.25	-27.00	-14.45
6	7067.73	-49.15	-55.53	2.16	2.16	3.01	-43.08	-21.20	-21.88	-27.00	-16.08
7	10596.93	-44.21	-48.68	2.16	2.16	3.01	-37.71	-21.20	-16.51	-27.00	-10.71

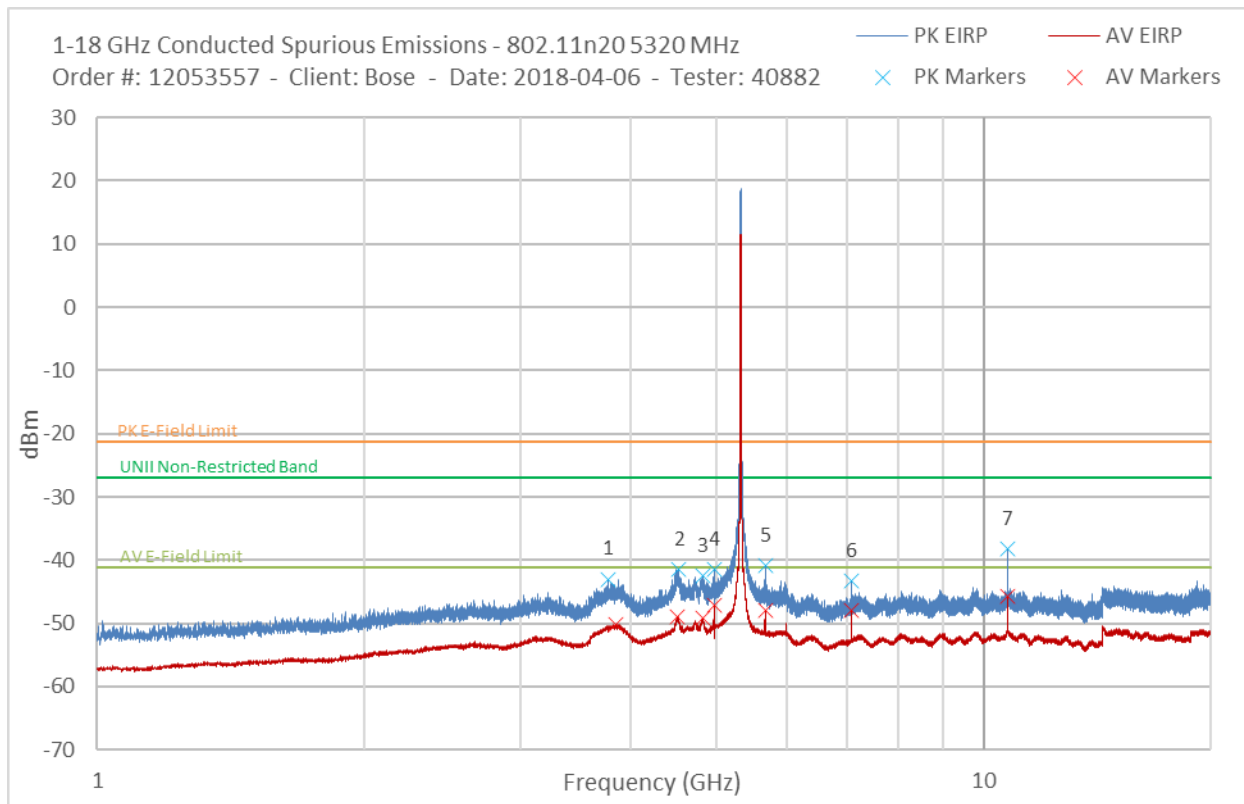
Note 1: This frequency is a -352MHz offset of the fundamental and is only located on chain 0. Therefore, array gain is not added to the EIRP reading.

Average Scan Tabular Data

#	Frequency (MHz)	Meter AV Corrected Reading Chain 0 (dBm)	Meter AV Corrected Reading Chain 1 (dBm)	AG Chain 0 (dBi)	AG Chain 1 (dBi)	Array Gain (dBi)	DCCF (dB)	AV EIRP (dBm)	AV E-field Limit (dBm)	AV E-field Margin (dB)
1	3865.35	-61.80	-61.37	2.16	2.16	3.01	3.27	-50.13	-41.20	-8.93
2	4514.33	-59.53	-61.91	2.16	2.16	3.01	3.27	-49.11	-41.20	-7.91
3	4823.30	-60.39	-60.62	2.16	2.16	3.01	3.27	-49.05	-41.20	-7.85
4	4948.68	-52.52	-61.25	2.16	2.16	0.00 ¹	3.27	-46.54	-41.20	-5.34
5	5652.90	-57.54	-62.57	2.16	2.16	3.01	3.27	-47.91	-41.20	-6.71
6	7067.30	-56.23	-63.91	2.16	2.16	3.01	3.27	-47.11	-41.20	-5.91
7	10602.03	-56.26	-59.49	2.16	2.16	3.01	3.27	-46.13	-41.20	-4.93

Note 1: This frequency is a -352MHz offset of the fundamental and is only located on chain 0. Therefore, array gain is not added to the EIRP reading.

9.2.6. 802.11n HT20 MODE IN THE 5.3GHz BAND – HIGH CHANNEL



Peak Scan Tabular Data

#	Frequency (MHz)	Meter PK Corrected Reading Chain 0 (dBm)	Meter PK Corrected Reading Chain 1 (dBm)	AG Chain 0 (dBi)	AG Chain 1 (dBi)	Array Gain (dBi)	PK EIRP (dBm)	PK E-field Limit (dBm)	PK E-field Margin (dB)	UNII Non-Restricted Band Limit (dBm)	UNII Non-Restricted Band Margin (dBm)
1	3770.58	-52.62	-50.12	2.16	2.16	3.01	-43.01	-21.20	-21.81	-27.00	-16.01
2	4532.60	-48.31	-51.74	2.16	2.16	3.01	-41.51	-21.20	-20.31	-27.00	-14.51
3	4821.60	-50.94	-50.57	2.16	2.16	3.01	-42.57	-21.20	-21.37	-27.00	-15.57
4	4969.08	-44.28	-52.46	2.16	2.16	0.00 ¹	-41.50	-21.20	-20.30	-27.00	-14.50
5	5673.30	-47.02	-52.96	2.16	2.16	3.01	-40.86	-21.20	-19.66	-27.00	-13.86
6	7094.08	-49.98	-53.85	2.16	2.16	3.01	-43.31	-21.20	-22.11	-27.00	-16.31
7	10637.30	-44.58	-49.61	2.16	2.16	3.01	-38.22	-21.20	-17.02	-27.00	-11.22

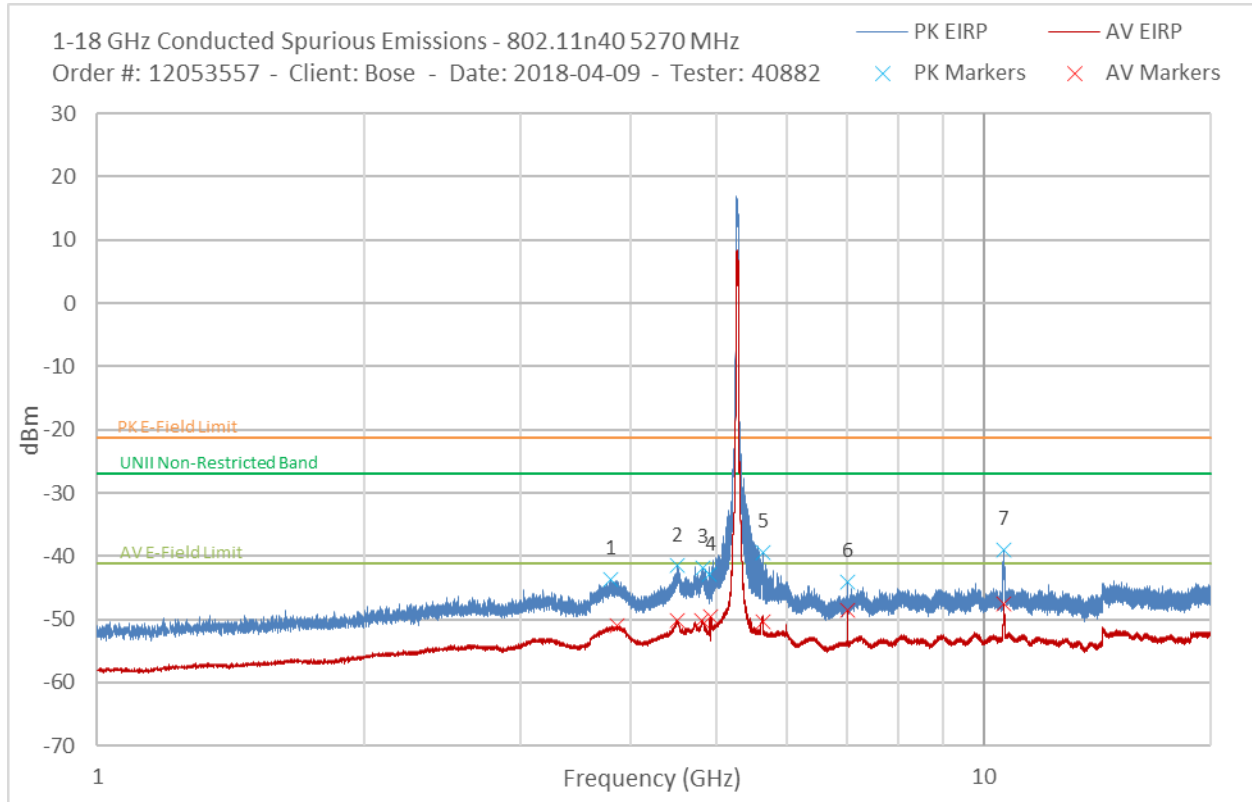
Note 1: This frequency is a -352MHz offset of the fundamental and is only located on chain 0. Therefore, array gain is not added to the EIRP reading.

Average Scan Tabular Data

#	Frequency (MHz)	Meter AV Corrected Reading Chain 0 (dBm)	Meter AV Corrected Reading Chain 1 (dBm)	AG Chain 0 (dBi)	AG Chain 1 (dBi)	Array Gain (dBi)	DCCF (dB)	AV EIRP (dBm)	AV E-field Limit (dBm)	AV E-field Margin (dB)
1	3841.98	-61.68	-61.51	2.16	2.16	3.01	3.27	-50.14	-41.20	-8.94
2	4513.05	-59.76	-61.36	2.16	2.16	3.01	3.27	-49.03	-41.20	-7.83
3	4820.33	-60.57	-60.69	2.16	2.16	3.01	3.27	-49.18	-41.20	-7.98
4	4968.65	-53.14	-61.76	2.16	2.16	0.00 ¹	3.27	-47.15	-41.20	-5.95
5	5672.45	-57.69	-62.53	2.16	2.16	3.01	3.27	-48.02	-41.20	-6.82
6	7094.08	-57.36	-63.38	2.16	2.16	3.01	3.27	-47.95	-41.20	-6.75
7	10641.98	-55.79	-59.44	2.16	2.16	3.01	3.27	-45.79	-41.20	-4.59

Note 1: This frequency is a -352MHz offset of the fundamental and is only located on chain 0. Therefore, array gain is not added to the EIRP reading.

9.2.7. 802.11n HT40 MODE IN THE 5.3GHz BAND – LOW CHANNEL



Peak Scan Tabular Data

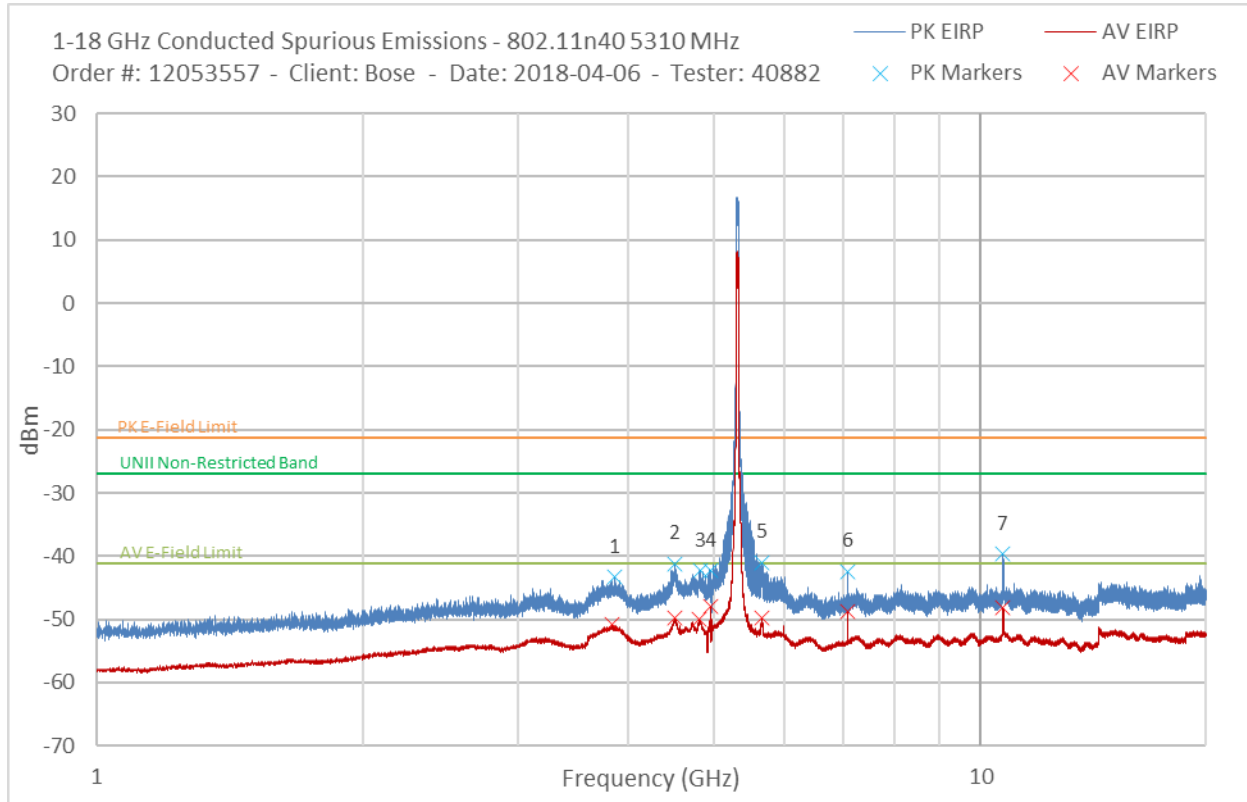
#	Frequency (MHz)	Meter PK Corrected Reading Chain 0 (dBm)	Meter PK Corrected Reading Chain 1 (dBm)	AG Chain 0 (dBi)	AG Chain 1 (dBi)	Array Gain (dBi)	PK EIRP (dBm)	PK E-field Limit (dBm)	PK E-field Margin (dB)	UNII Non-Restricted Band Limit (dBm)	UNII Non-Restricted Band Margin (dBm)
1	3796.93	-53.70	-50.48	2.16	2.16	3.01	-43.62	-21.20	-22.42	-27.00	-16.62
2	4512.20	-48.05	-52.34	2.16	2.16	3.01	-41.50	-21.20	-20.30	-27.00	-14.50
3	4822.03	-49.17	-51.06	2.16	2.16	3.01	-41.83	-21.20	-20.63	-27.00	-14.83
4	4910.43	-49.90	-46.80	2.16	2.16	0.00 ¹	-42.90	-21.20	-21.70	-27.00	-15.90
5	5636.75	-46.51	-48.82	2.16	2.16	3.01	-39.33	-21.20	-18.13	-27.00	-12.33
6	7026.08	-50.08	-56.39	2.16	2.16	3.01	-44.00	-21.20	-22.80	-27.00	-17.00
7	10536.15	-45.56	-49.62	2.16	2.16	3.01	-38.95	-21.20	-17.75	-27.00	-11.95

Note 1: This frequency is a -352MHz offset of the fundamental and is only located on chain 0. Therefore, array gain is not added to the EIRP reading.

Average Scan Tabular Data

#	Frequency (MHz)	Meter AV Corrected Reading Chain 0 (dBm)	Meter AV Corrected Reading Chain 1 (dBm)	AG Chain 0 (dBi)	AG Chain 1 (dBi)	Array Gain (dBi)	DCCF (dB)	AV EIRP (dBm)	AV E-field Limit (dBm)	AV E-field Margin (dB)
1	3854.30	-61.55	-61.91	2.16	2.16	3.01	2.52	-51.02	-41.20	-9.82
2	4512.20	-60.17	-61.49	2.16	2.16	3.01	2.52	-50.08	-41.20	-8.88
3	4812.25	-60.59	-61.10	2.16	2.16	3.01	2.52	-50.14	-41.20	-8.94
4	4926.58	-58.91	-62.18	2.16	2.16	3.01	2.52	-49.54	-41.20	-8.34
5	5635.90	-59.49	-63.34	2.16	2.16	3.01	2.52	-50.30	-41.20	-9.10
6	7026.50	-57.15	-64.07	2.16	2.16	3.01	2.52	-48.65	-41.20	-7.45
7	10547.20	-56.75	-60.34	2.16	2.16	3.01	2.52	-47.48	-41.20	-6.28

9.2.8. 802.11n HT40 MODE IN THE 5.3GHz BAND – HIGH CHANNEL



Peak Scan Tabular Data

#	Frequency (MHz)	Meter PK Corrected Reading Chain 0 (dBm)	Meter PK Corrected Reading Chain 1 (dBm)	AG Chain 0 (dBi)	AG Chain 1 (dBi)	Array Gain (dBi)	PK EIRP (dBm)	PK E-field Limit (dBm)	PK E-field Margin (dB)	UNII Non-Restricted Band Limit (dBm)	UNII Non-Restricted Band Margin (dBm)
1	3863.23	-50.82	-52.20	2.16	2.16	3.01	-43.27	-21.20	-22.07	-27.00	-16.27
2	4517.73	-47.63	-52.41	2.16	2.16	3.01	-41.21	-21.20	-20.01	-27.00	-14.21
3	4827.13	-50.37	-50.59	2.16	2.16	3.01	-42.29	-21.20	-21.09	-27.00	-15.29
4	4958.03	-45.55	-51.29	2.16	2.16	0.00 ¹	-42.36	-21.20	-21.16	-27.00	-15.36
5	5666.93	-49.18	-49.25	2.16	2.16	3.01	-41.03	-21.20	-19.83	-27.00	-14.03
6	7080.05	-48.66	-54.32	2.16	2.16	3.01	-42.44	-21.20	-21.24	-27.00	-15.44
7	10616.48	-46.17	-50.72	2.16	2.16	3.01	-39.69	-21.20	-18.49	-27.00	-12.69

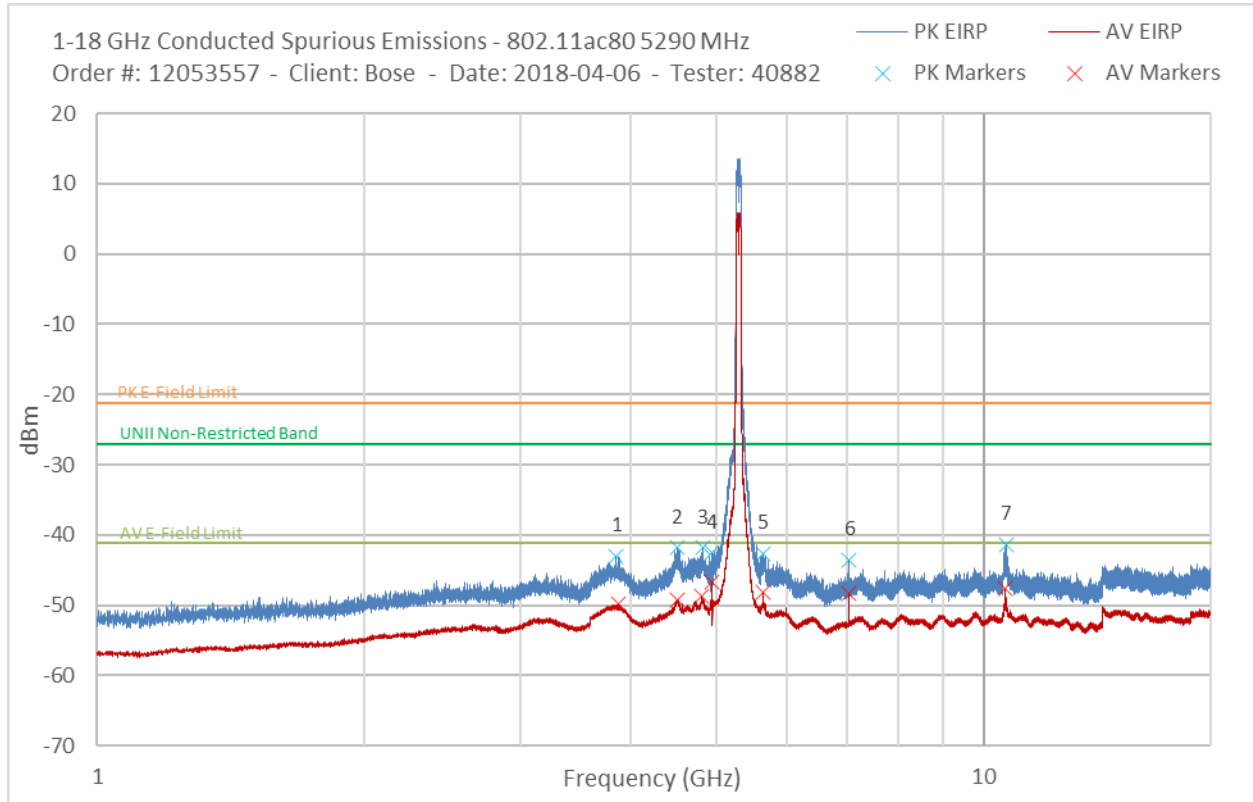
Note 1: This frequency is a -352MHz offset of the fundamental and is only located on chain 0. Therefore, array gain is not added to the EIRP reading.

Average Scan Tabular Data

#	Frequency (MHz)	Meter AV Corrected Reading Chain 0 (dBm)	Meter AV Corrected Reading Chain 1 (dBm)	AG Chain 0 (dBi)	AG Chain 1 (dBi)	Array Gain (dBi)	DCCF (dB)	AV EIRP (dBm)	AV E-field Limit (dBm)	AV E-field Margin (dB)
1	3826.25	-61.49	-61.59	2.16	2.16	3.01	2.52	-50.84	-41.20	-9.64
2	4512.20	-60.09	-61.12	2.16	2.16	3.01	2.52	-49.87	-41.20	-8.67
3	4813.53	-60.65	-60.59	2.16	2.16	3.01	2.52	-49.92	-41.20	-8.72
4	4958.03	-53.22	-61.74	2.16	2.16	0.00 ¹	2.52	-47.97	-41.20	-6.77
5	5661.83	-58.78	-63.14	2.16	2.16	3.01	2.52	-49.74	-41.20	-8.54
6	7080.05	-57.40	-63.59	2.16	2.16	3.01	2.52	-48.77	-41.20	-7.57
7	10619.88	-58.89	-58.76	2.16	2.16	3.01	2.52	-48.12	-41.20	-6.92

Note 1: This frequency is a -352MHz offset of the fundamental and is only located on chain 0. Therefore, array gain is not added to the EIRP reading.

9.2.9. 802.11ac VHT80 MODE IN THE 5.3GHz BAND



Peak Scan Tabular Data

#	Frequency (MHz)	Meter PK Corrected Reading Chain 0 (dBm)	Meter PK Corrected Reading Chain 1 (dBm)	AG Chain 0 (dBi)	AG Chain 1 (dBi)	Array Gain (dBi)	PK EIRP (dBm)	PK E-field Limit (dBm)	PK E-field Margin (dB)	UNII Non-Restricted Band Limit (dBm)	UNII Non-Restricted Band Margin (dBm)
1	3851.75	-51.09	-51.18	2.16	2.16	3.01	-42.95	-21.20	-21.75	-27.00	-15.95
2	4514.75	-48.84	-51.39	2.16	2.16	3.01	-41.74	-21.20	-20.54	-27.00	-14.74
3	4816.93	-49.74	-50.25	2.16	2.16	3.01	-41.80	-21.20	-20.60	-27.00	-14.80
4	4937.63	-46.10	-50.35	2.16	2.16	0.00 ¹	-42.55	-21.20	-21.35	-27.00	-15.55
5	5629.53	-49.26	-53.14	2.16	2.16	3.01	-42.59	-21.20	-21.39	-27.00	-15.59
6	7053.28	-49.77	-55.39	2.16	2.16	3.01	-43.54	-21.20	-22.34	-27.00	-16.54
7	10596.50	-47.42	-53.87	2.16	2.16	3.01	-41.36	-21.20	-20.16	-27.00	-14.36

Note 1: This frequency is a -352MHz offset of the fundamental and is only located on chain 0. Therefore, array gain is not added to the EIRP reading.

Average Scan Tabular Data

#	Frequency (MHz)	Meter AV Corrected Reading Chain 0 (dBm)	Meter AV Corrected Reading Chain 1 (dBm)	AG Chain 0 (dBi)	AG Chain 1 (dBi)	Array Gain (dBi)	DCCF (dB)	AV EIRP (dBm)	AV E-field Limit (dBm)	AV E-field Margin (dB)
1	3866.20	-61.76	-61.60	2.16	2.16	3.01	3.62	-49.88	-41.20	-8.68
2	4516.03	-60.38	-61.67	2.16	2.16	3.01	3.62	-49.17	-41.20	-7.97
3	4808.00	-60.51	-60.61	2.16	2.16	3.01	3.62	-48.75	-41.20	-7.55
4	4938.05	-53.06	-61.00	2.16	2.16	0.00 ¹	3.62	-46.63	-41.20	-5.43
5	5641.85	-58.58	-62.17	2.16	2.16	3.01	3.62	-48.21	-41.20	-7.01
6	7053.28	-58.06	-64.16	2.16	2.16	3.01	3.62	-48.31	-41.20	-7.11
7	10579.93	-60.35	-58.68	2.16	2.16	3.01	3.62	-47.63	-41.20	-6.43

Note 1: This frequency is a -352MHz offset of the fundamental and is only located on chain 0. Therefore, array gain is not added to the EIRP reading.

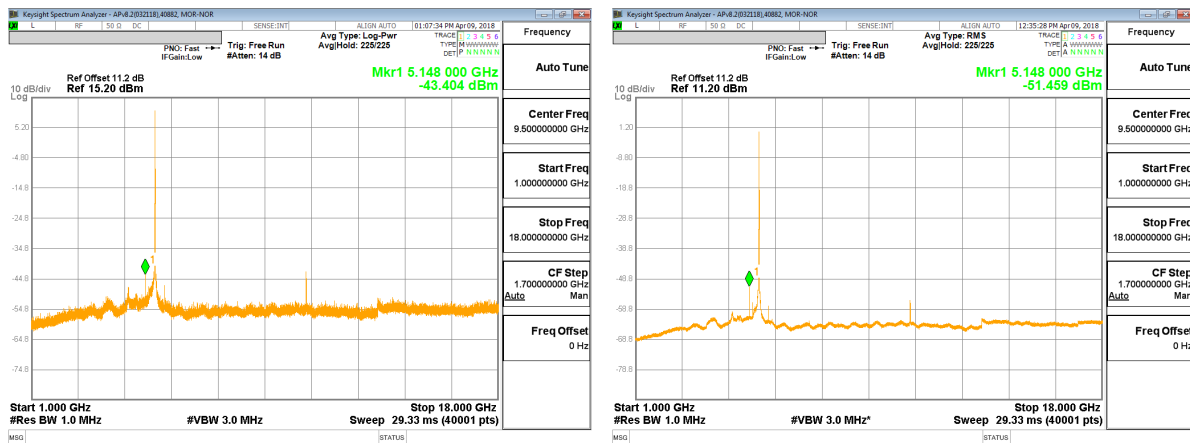
9.3. 5.6GHz BAND

Settings used:

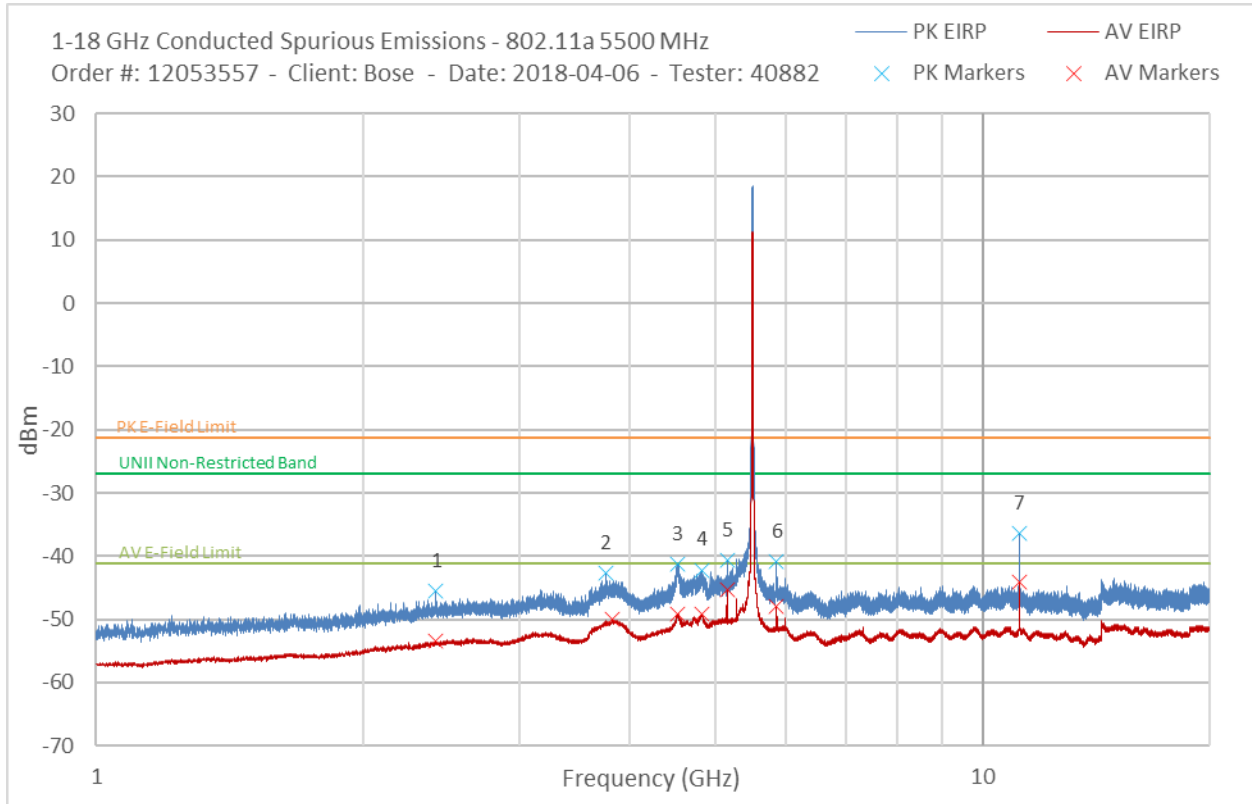
Detector: Pk and AV
RBW: 1M
VBW: 3M
Range: 1-18 MHz
Path Loss: 11.2 (10dB pad + 1.2 cable loss)

Measurements from both chains were inserted into a spreadsheet where the measurements were combined. Worst-case antenna gain (External antenna 2.16 dBi) was used.

Example plots:



9.3.1. 802.11a MODE IN THE 5.6GHz BAND – LOW CHANNEL



Peak Scan Tabular Data

#	Frequency (MHz)	Meter PK Corrected Reading Chain 0 (dBm)	Meter PK Corrected Reading Chain 1 (dBm)	AG Chain 0 (dBi)	AG Chain 1 (dBi)	Array Gain (dBi)	PK EIRP (dBm)	PK E-field Limit (dBm)	PK E-field Margin (dB)	UNII Non-Restricted Band Limit (dBm)	UNII Non-Restricted Band Margin (dBm)
1	2417.38	-57.31	-51.77	2.16	2.16	3.01	-45.52	-21.20	-24.32	-27.00	-18.52
2	3759.95	-50.55	-51.25	2.16	2.16	3.01	-42.70	-21.20	-21.50	-27.00	-15.70
3	4528.78	-47.51	-52.98	2.16	2.16	3.01	-41.25	-21.20	-20.05	-27.00	-14.25
4	4817.35	-51.13	-49.72	2.16	2.16	3.01	-42.18	-21.20	-20.98	-27.00	-15.18
5	5148.00	-43.40	-52.29	2.16	2.16	0.00 ¹	-40.71	-21.20	-19.51	-27.00	-13.71
6	5854.78	-46.97	-53.04	2.16	2.16	3.01	-40.84	-21.20	-19.64	-27.00	-13.84
7	11001.53	-42.51	-48.60	2.16	2.16	3.01	-36.38	-21.20	-15.18	-27.00	-9.38

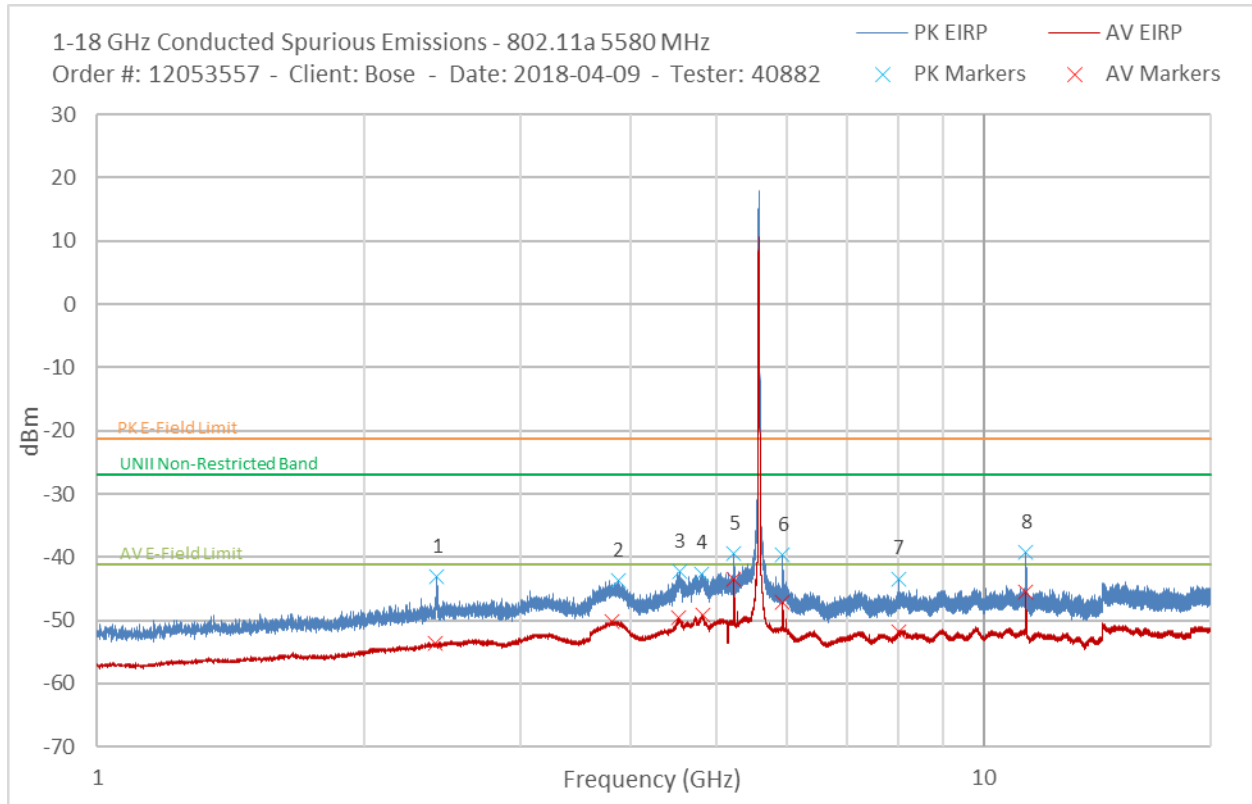
Note 1: This frequency is a -352MHz offset of the fundamental and is only located on chain 0. Therefore, array gain is not added to the EIRP reading.

Average Scan Tabular Data

#	Frequency (MHz)	Meter AV Corrected Reading Chain 0 (dBm)	Meter AV Corrected Reading Chain 1 (dBm)	AG Chain 0 (dBi)	AG Chain 1 (dBi)	Array Gain (dBi)	DCCF (dB)	AV EIRP (dBm)	AV E-field Limit (dBm)	AV E-field Margin (dB)
1	2416.53	-65.06	-65.18	2.16	2.16	3.01	3.41	-53.52	-41.20	-12.32
2	3816.48	-61.58	-61.42	2.16	2.16	3.01	3.41	-49.90	-41.20	-8.70
3	4531.75	-60.08	-61.36	2.16	2.16	3.01	3.41	-49.07	-41.20	-7.87
4	4827.13	-60.86	-60.78	2.16	2.16	3.01	3.41	-49.22	-41.20	-8.02
5	5148.00	-51.46	-60.84	2.16	2.16	0.00 ¹	3.41	-45.41	-41.20	-4.21
6	5852.23	-57.88	-62.36	2.16	2.16	3.01	3.41	-47.97	-41.20	-6.77
7	10999.83	-56.31	-55.02	2.16	2.16	3.01	3.41	-44.02	-41.20	-2.82

Note 1: This frequency is a -352MHz offset of the fundamental and is only located on chain 0. Therefore, array gain is not added to the EIRP reading.

9.3.2. 802.11a MODE IN THE 5.6GHz BAND – MID CHANNEL



Peak Scan Tabular Data

#	Frequency (MHz)	Meter PK Corrected Reading Chain 0 (dBm)	Meter PK Corrected Reading Chain 1 (dBm)	AG Chain 0 (dBi)	AG Chain 1 (dBi)	Array Gain (dBi)	PK EIRP (dBm)	PK E-field Limit (dBm)	PK E-field Margin (dB)	UNII Non-Restricted Band Limit (dBm)	UNII Non-Restricted Band Margin (dBm)
1	2416.95	-49.04	-56.24	2.16	2.16	3.01	-43.11	-21.20	-21.91	-27.00	-16.11
2	3867.90	-51.45	-52.44	2.16	2.16	3.01	-43.73	-21.20	-22.53	-27.00	-16.73
3	4535.58	-48.92	-52.91	2.16	2.16	3.01	-42.29	-21.20	-21.09	-27.00	-15.29
4	4802.48	-49.80	-52.06	2.16	2.16	3.01	-42.60	-21.20	-21.40	-27.00	-15.60
5	5227.90	-42.01	-52.44	2.16	2.16	0.00 ¹	-39.47	-21.20	-18.27	-27.00	-12.47
6	5932.13	-45.64	-52.50	2.16	2.16	3.01	-39.66	-21.20	-18.46	-27.00	-12.66
7	8017.18	-53.23	-50.46	2.16	2.16	3.01	-43.45	-21.20	-22.25	-27.00	-16.45
8	11159.63	-48.90	-46.35	2.16	2.16	3.01	-39.25	-21.20	-18.05	-27.00	-12.25

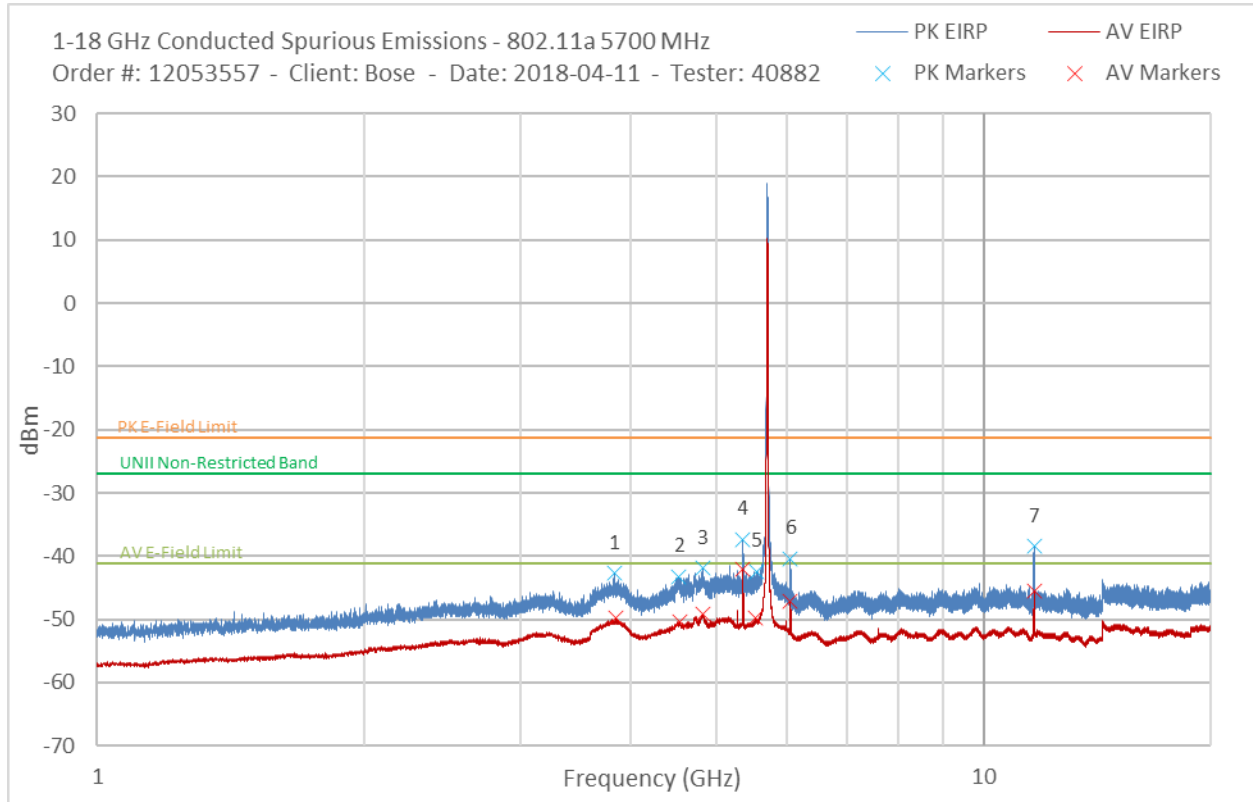
Note 1: This frequency is a -352MHz offset of the fundamental and is only located on chain 0. Therefore, array gain is not added to the EIRP reading.

Average Scan Tabular Data

#	Frequency (MHz)	Meter AV Corrected Reading Chain 0 (dBm)	Meter AV Corrected Reading Chain 1 (dBm)	AG Chain 0 (dBi)	AG Chain 1 (dBi)	Array Gain (dBi)	DCCF (dB)	AV EIRP (dBm)	AV E-field Limit (dBm)	AV E-field Margin (dB)
1	2403.35	-65.42	-64.99	2.16	2.16	3.01	3.41	-53.60	-41.20	-12.40
2	3802.45	-61.38	-62.00	2.16	2.16	3.01	3.41	-50.08	-41.20	-8.88
3	4527.08	-60.26	-62.31	2.16	2.16	3.01	3.41	-49.57	-41.20	-8.37
4	4819.48	-60.53	-60.92	2.16	2.16	3.01	3.41	-49.12	-41.20	-7.92
5	5227.90	-49.46	-60.69	2.16	2.16	0.00 ¹	3.41	-43.56	-41.20	-2.36
6	5932.13	-56.72	-62.19	2.16	2.16	3.01	3.41	-47.05	-41.20	-5.85
7	8012.08	-63.23	-63.43	2.16	2.16	3.01	3.41	-51.73	-41.20	-10.53
8	11160.05	-58.39	-55.98	2.16	2.16	3.01	3.41	-45.42	-41.20	-4.22

Note 1: This frequency is a -352MHz offset of the fundamental and is only located on chain 0. Therefore, array gain is not added to the EIRP reading.

9.3.3. 802.11a MODE IN THE 5.6GHz BAND – HIGH CHANNEL



Peak Scan Tabular Data

#	Frequency (MHz)	Meter PK Corrected Reading Chain 0 (dBm)	Meter PK Corrected Reading Chain 1 (dBm)	AG Chain 0 (dBi)	AG Chain 1 (dBi)	Array Gain (dBi)	PK EIRP (dBm)	PK E-field Limit (dBm)	PK E-field Margin (dB)	UNII Non-Restricted Band Limit (dBm)	UNII Non-Restricted Band Margin (dBm)
1	3830.08	-49.54	-52.95	2.16	2.16	3.01	-42.73	-21.20	-21.53	-27.00	-15.73
2	4534.73	-52.11	-50.84	2.16	2.16	3.01	-43.24	-21.20	-22.04	-27.00	-16.24
3	4819.48	-48.94	-51.70	2.16	2.16	3.01	-41.92	-21.20	-20.72	-27.00	-14.92
4	5347.75	-39.77	-51.18	2.16	2.16	0.00 ¹	-37.30	-21.20	-16.10	-27.00	-10.30
5	5548.35	-50.60	-50.53	2.16	2.16	3.01	-42.38	-21.20	-21.18	-27.00	-15.38
6	6051.98	-46.41	-53.22	2.16	2.16	3.01	-40.41	-21.20	-19.21	-27.00	-13.41
7	11399.75	-46.32	-47.08	2.16	2.16	3.01	-38.50	-21.20	-17.30	-27.00	-11.50

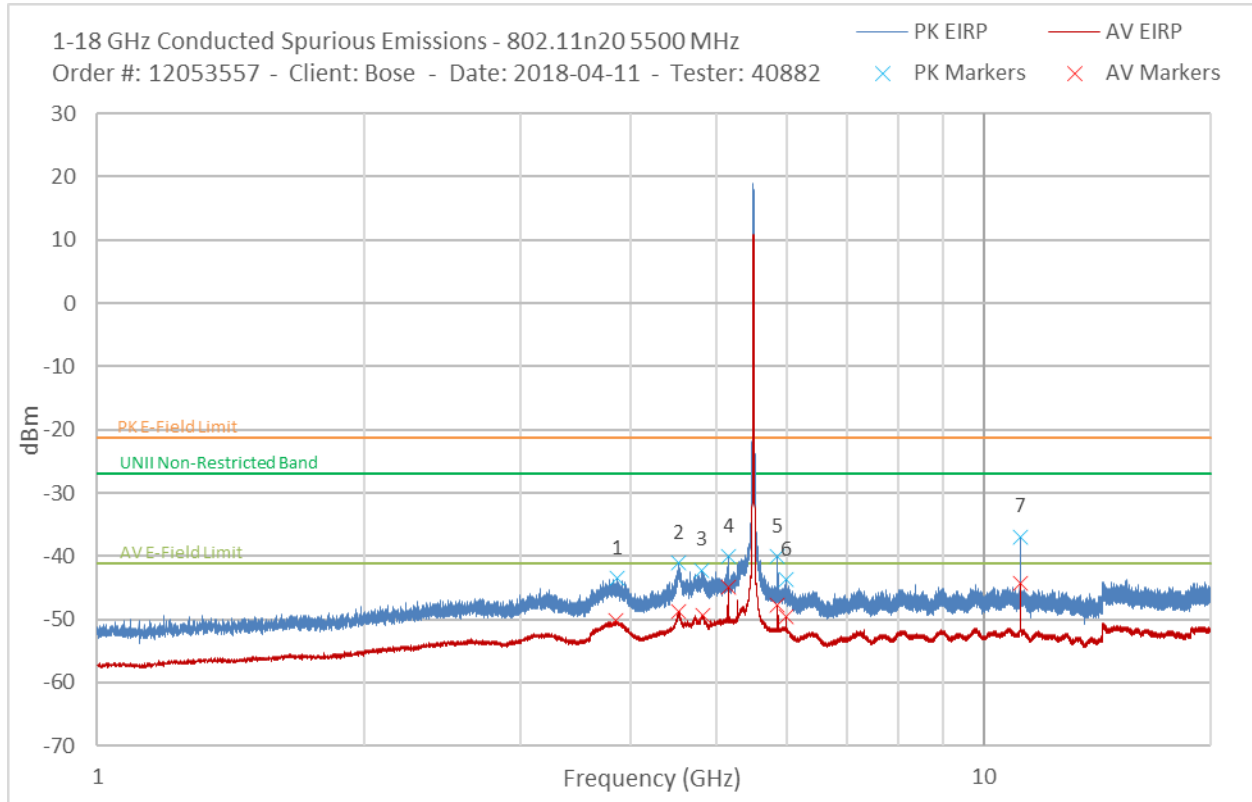
Note 1: This frequency is a -352MHz offset of the fundamental and is only located on chain 0. Therefore, array gain is not added to the EIRP reading.

Average Scan Tabular Data

#	Frequency (MHz)	Meter AV Corrected Reading Chain 0 (dBm)	Meter AV Corrected Reading Chain 1 (dBm)	AG Chain 0 (dBi)	AG Chain 1 (dBi)	Array Gain (dBi)	DCCF (dB)	AV EIRP (dBm)	AV E-field Limit (dBm)	AV E-field Margin (dB)
1	3843.25	-61.53	-61.28	2.16	2.16	3.01	3.41	-49.80	-41.20	-8.60
2	4536.85	-61.41	-62.50	2.16	2.16	3.01	3.41	-50.33	-41.20	-9.13
3	4828.40	-60.67	-60.78	2.16	2.16	3.01	3.41	-49.13	-41.20	-7.93
4	5347.75	-47.89	-62.02	2.16	2.16	0.00 ¹	3.41	-42.15	-41.20	-0.95
5	5522.85	-61.08	-61.86	2.16	2.16	3.01	3.41	-49.85	-41.20	-8.65
6	6051.55	-56.91	-62.20	2.16	2.16	3.01	3.41	-47.19	-41.20	-5.99
7	11399.75	-56.76	-57.53	2.16	2.16	3.01	3.41	-45.53	-41.20	-4.33

Note 1: This frequency is a -352MHz offset of the fundamental and is only located on chain 0. Therefore, array gain is not added to the EIRP reading.

9.3.4. 802.11n HT20 MODE IN THE 5.6GHz BAND – LOW CHANNEL



Peak Scan Tabular Data

#	Frequency (MHz)	Meter PK Corrected Reading Chain 0 (dBm)	Meter PK Corrected Reading Chain 1 (dBm)	AG Chain 0 (dBi)	AG Chain 1 (dBi)	Array Gain (dBi)	PK EIRP (dBm)	PK E-field Limit (dBm)	PK E-field Margin (dB)	UNII Non-Restricted Band Limit (dBm)	UNII Non-Restricted Band Margin (dBm)
1	3854.30	-52.11	-51.42	2.16	2.16	3.01	-43.57	-21.20	-22.37	-27.00	-16.57
2	4522.40	-47.91	-51.40	2.16	2.16	3.01	-41.13	-21.20	-19.93	-27.00	-14.13
3	4804.60	-49.15	-52.16	2.16	2.16	3.01	-42.21	-21.20	-21.01	-27.00	-15.21
4	5148.00	-42.82	-51.32	2.16	2.16	0.00 ¹	-40.08	-21.20	-18.88	-27.00	-13.08
5	5851.38	-45.95	-53.21	2.16	2.16	3.01	-40.03	-21.20	-18.83	-27.00	-13.03
6	5983.98	-53.10	-51.06	2.16	2.16	3.01	-43.78	-21.20	-22.58	-27.00	-16.78
7	10996.43	-43.93	-46.84	2.16	2.16	3.01	-36.96	-21.20	-15.76	-27.00	-9.96

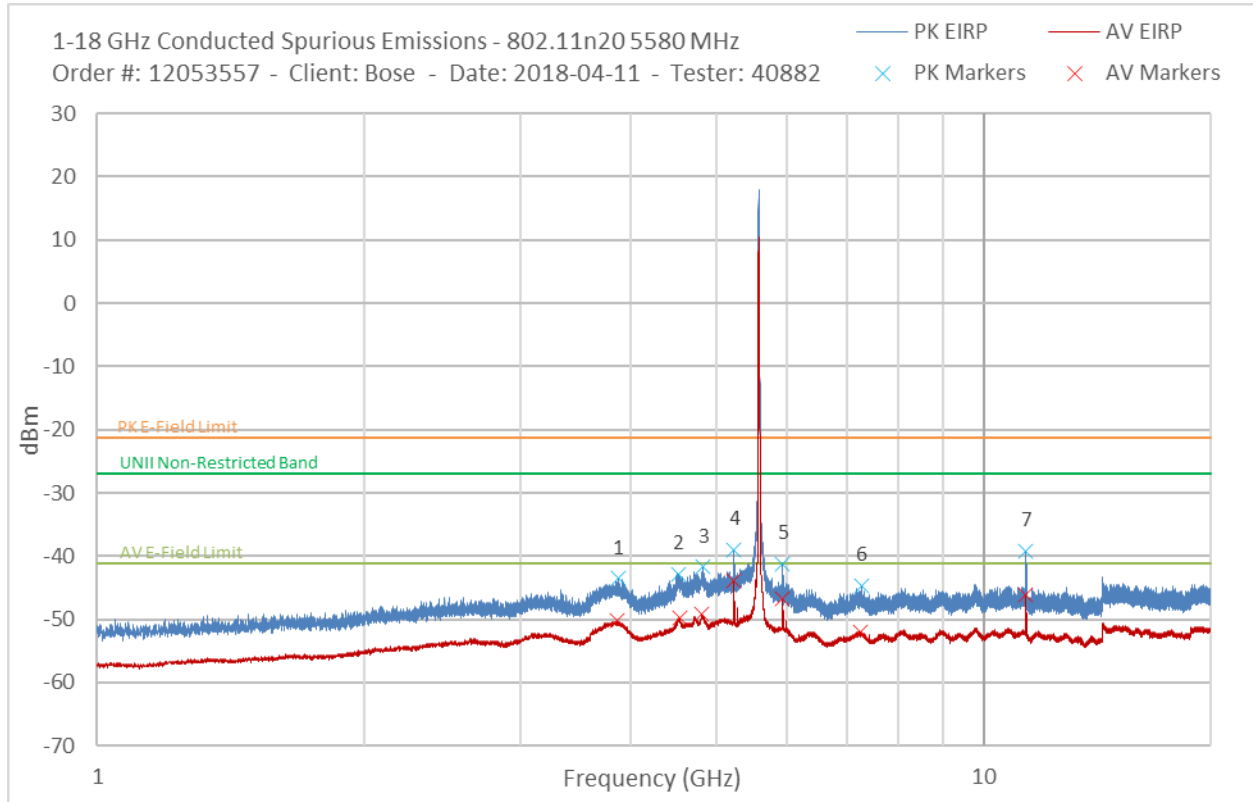
Note 1: This frequency is a -352MHz offset of the fundamental and is only located on chain 0. Therefore, array gain is not added to the EIRP reading.

Average Scan Tabular Data

#	Frequency (MHz)	Meter AV Corrected Reading Chain 0 (dBm)	Meter AV Corrected Reading Chain 1 (dBm)	AG Chain 0 (dBi)	AG Chain 1 (dBi)	Array Gain (dBi)	DCCF (dB)	AV EIRP (dBm)	AV E-field Limit (dBm)	AV E-field Margin (dB)
1	3843.25	-61.71	-61.41	2.16	2.16	3.01	3.27	-50.11	-41.20	-8.91
2	4531.75	-59.04	-61.58	2.16	2.16	3.01	3.27	-48.68	-41.20	-7.48
3	4826.70	-60.82	-60.73	2.16	2.16	3.01	3.27	-49.33	-41.20	-8.13
4	5148.00	-50.72	-60.50	2.16	2.16	0.00 ¹	3.27	-44.86	-41.20	-3.66
5	5852.23	-57.31	-62.61	2.16	2.16	3.01	3.27	-47.75	-41.20	-6.55
6	5983.98	-61.82	-60.25	2.16	2.16	3.01	3.27	-49.52	-41.20	-8.32
7	10999.83	-56.44	-55.24	2.16	2.16	3.01	3.27	-44.35	-41.20	-3.15

Note 1: This frequency is a -352MHz offset of the fundamental and is only located on chain 0. Therefore, array gain is not added to the EIRP reading.

9.3.5. 802.11n HT20 MODE IN THE 5.6GHz BAND – MID CHANNEL



Peak Scan Tabular Data

#	Frequency (MHz)	Meter PK Corrected Reading Chain 0 (dBm)	Meter PK Corrected Reading Chain 1 (dBm)	AG Chain 0 (dBi)	AG Chain 1 (dBi)	Array Gain (dBi)	PK EIRP (dBm)	PK E-field Limit (dBm)	PK E-field Margin (dB)	UNII Non-Restricted Band Limit (dBm)	UNII Non-Restricted Band Margin (dBm)
1	3868.33	-53.07	-50.77	2.16	2.16	3.01	-43.59	-21.20	-22.39	-27.00	-16.59
2	4528.78	-49.84	-52.62	2.16	2.16	3.01	-42.83	-21.20	-21.63	-27.00	-15.83
3	4826.70	-50.61	-49.22	2.16	2.16	3.01	-41.67	-21.20	-20.47	-27.00	-14.67
4	5228.33	-41.65	-50.93	2.16	2.16	0.00 ¹	-39.00	-21.20	-17.80	-27.00	-12.00
5	5932.13	-47.20	-53.98	2.16	2.16	3.01	-41.20	-21.20	-20.00	-27.00	-14.20
6	7273.85	-54.33	-51.69	2.16	2.16	3.01	-44.63	-21.20	-23.43	-27.00	-17.63
7	11158.78	-48.47	-46.52	2.16	2.16	3.01	-39.20	-21.20	-18.00	-27.00	-12.20

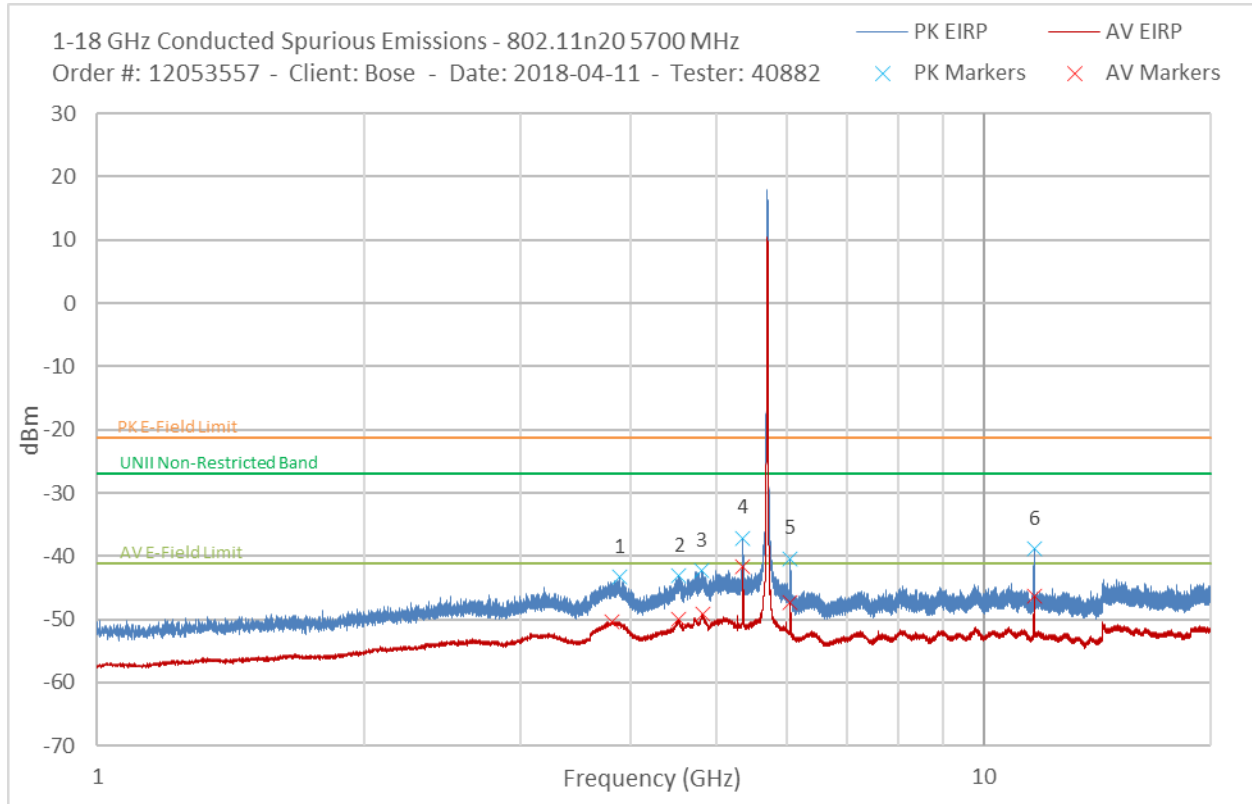
Note 1: This frequency is a -352MHz offset of the fundamental and is only located on chain 0. Therefore, array gain is not added to the EIRP reading.

Average Scan Tabular Data

#	Frequency (MHz)	Meter AV Corrected Reading Chain 0 (dBm)	Meter AV Corrected Reading Chain 1 (dBm)	AG Chain 0 (dBi)	AG Chain 1 (dBi)	Array Gain (dBi)	DCCF (dB)	AV EIRP (dBm)	AV E-field Limit (dBm)	AV E-field Margin (dB)
1	3860.68	-61.62	-61.83	2.16	2.16	3.01	3.27	-50.27	-41.20	-9.07
2	4540.25	-60.67	-61.87	2.16	2.16	3.01	3.27	-49.78	-41.20	-8.58
3	4811.83	-60.95	-60.41	2.16	2.16	3.01	3.27	-49.22	-41.20	-8.02
4	5227.90	-49.72	-61.06	2.16	2.16	0.00 ¹	3.27	-43.98	-41.20	-2.78
5	5932.13	-56.22	-62.08	2.16	2.16	3.01	3.27	-46.78	-41.20	-5.58
6	7264.08	-63.69	-63.20	2.16	2.16	3.01	3.27	-51.99	-41.20	-10.79
7	11160.05	-59.30	-56.25	2.16	2.16	3.01	3.27	-46.06	-41.20	-4.86

Note 1: This frequency is a -352MHz offset of the fundamental and is only located on chain 0. Therefore, array gain is not added to the EIRP reading.

9.3.6. 802.11n HT20 MODE IN THE 5.6GHz BAND – HIGH CHANNEL



Peak Scan Tabular Data

#	Frequency (MHz)	Meter PK Corrected Reading Chain 0 (dBm)	Meter PK Corrected Reading Chain 1 (dBm)	AG Chain 0 (dBi)	AG Chain 1 (dBi)	Array Gain (dBi)	PK EIRP (dBm)	PK E-field Limit (dBm)	PK E-field Margin (dB)	UNII Non-Restricted Band Limit (dBm)	UNII Non-Restricted Band Margin (dBm)
1	3883.20	-51.76	-51.31	2.16	2.16	3.01	-43.35	-21.20	-22.15	-27.00	-16.35
2	4533.03	-49.55	-54.21	2.16	2.16	3.01	-43.10	-21.20	-21.90	-27.00	-16.10
3	4802.48	-50.85	-50.19	2.16	2.16	3.01	-42.32	-21.20	-21.12	-27.00	-15.32
4	5348.18	-39.56	-51.17	2.16	2.16	0.00 ¹	-37.11	-21.20	-15.91	-27.00	-10.11
5	6048.15	-46.19	-54.03	2.16	2.16	3.01	-40.35	-21.20	-19.15	-27.00	-13.35
6	11396.35	-47.06	-47.11	2.16	2.16	3.01	-38.90	-21.20	-17.70	-27.00	-11.90

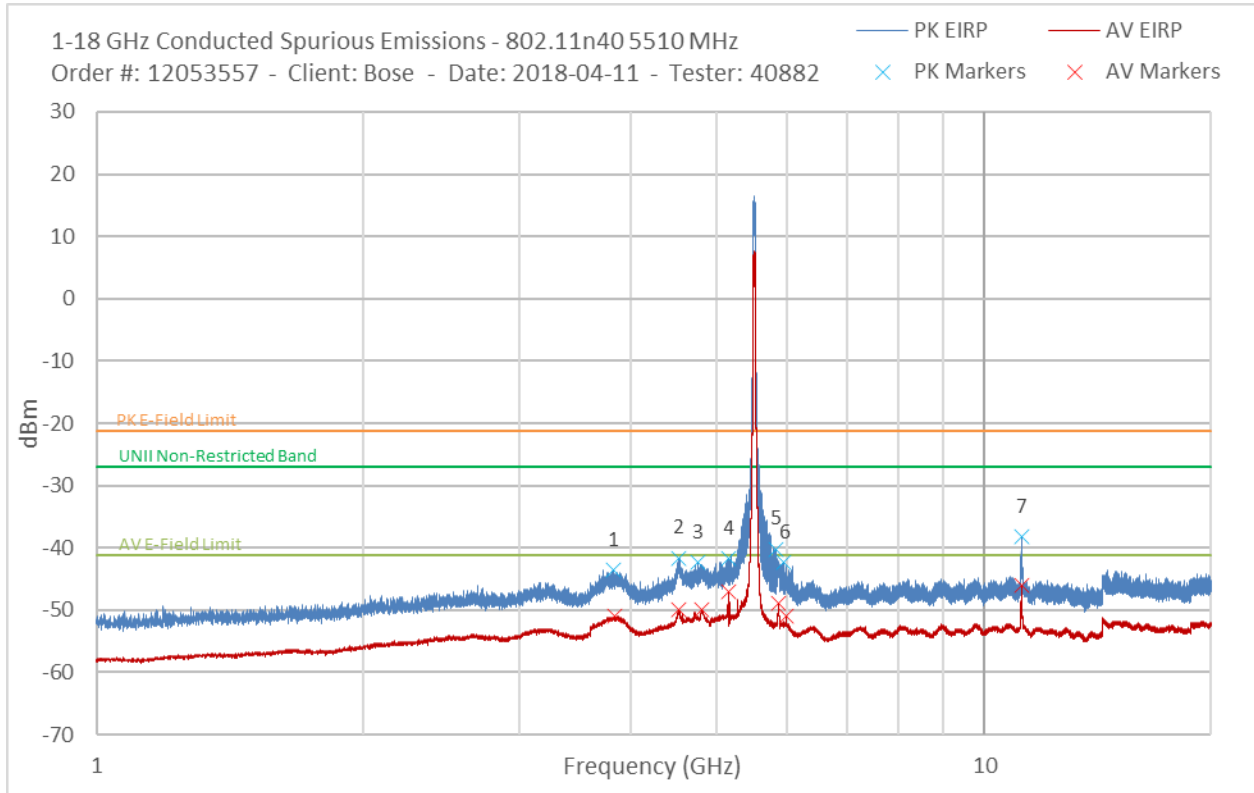
Note 1: This frequency is a -352MHz offset of the fundamental and is only located on chain 0. Therefore, array gain is not added to the EIRP reading.

Average Scan Tabular Data

#	Frequency (MHz)	Meter AV Corrected Reading Chain 0 (dBm)	Meter AV Corrected Reading Chain 1 (dBm)	AG Chain 0 (dBi)	AG Chain 1 (dBi)	Array Gain (dBi)	DCCF (dB)	AV EIRP (dBm)	AV E-field Limit (dBm)	AV E-field Margin (dB)
1	3810.53	-61.98	-61.55	2.16	2.16	3.01	3.27	-50.31	-41.20	-9.11
2	4529.63	-60.64	-62.48	2.16	2.16	3.01	3.27	-50.01	-41.20	-8.81
3	4819.90	-60.20	-61.09	2.16	2.16	3.01	3.27	-49.17	-41.20	-7.97
4	5347.75	-47.16	-61.24	2.16	2.16	0.00 ¹	3.27	-41.56	-41.20	-0.36
5	6051.98	-57.12	-61.77	2.16	2.16	3.01	3.27	-47.40	-41.20	-6.20
6	11399.75	-57.35	-58.23	2.16	2.16	3.01	3.27	-46.32	-41.20	-5.12

Note 1: This frequency is a -352MHz offset of the fundamental and is only located on chain 0. Therefore, array gain is not added to the EIRP reading.

9.3.7. 802.11n HT40 MODE IN THE 5.6GHz BAND – LOW CHANNEL



Peak Scan Tabular Data

#	Frequency (MHz)	Meter PK Corrected Reading Chain 0 (dBm)	Meter PK Corrected Reading Chain 1 (dBm)	AG Chain 0 (dBi)	AG Chain 1 (dBi)	Array Gain (dBi)	PK EIRP (dBm)	PK E-field Limit (dBm)	PK E-field Margin (dB)	UNII Non-Restricted Band Limit (dBm)	UNII Non-Restricted Band Margin (dBm)
1	3827.10	-52.11	-51.53	2.16	2.16	3.01	-43.63	-21.20	-22.43	-27.00	-16.63
2	4533.03	-48.21	-52.29	2.16	2.16	3.01	-41.60	-21.20	-20.40	-27.00	-14.60
3	4762.95	-48.64	-53.93	2.16	2.16	3.01	-42.34	-21.20	-21.14	-27.00	-15.34
4	5157.78	-44.78	-51.31	2.16	2.16	0.00 ¹	-41.74	-21.20	-20.54	-27.00	-14.74
5	5828.00	-51.13	-46.70	2.16	2.16	3.01	-40.19	-21.20	-18.99	-27.00	-13.19
6	5955.50	-55.63	-48.26	2.16	2.16	3.01	-42.35	-21.20	-21.15	-27.00	-15.35
7	11016.40	-45.94	-47.00	2.16	2.16	3.01	-38.26	-21.20	-17.06	-27.00	-11.26

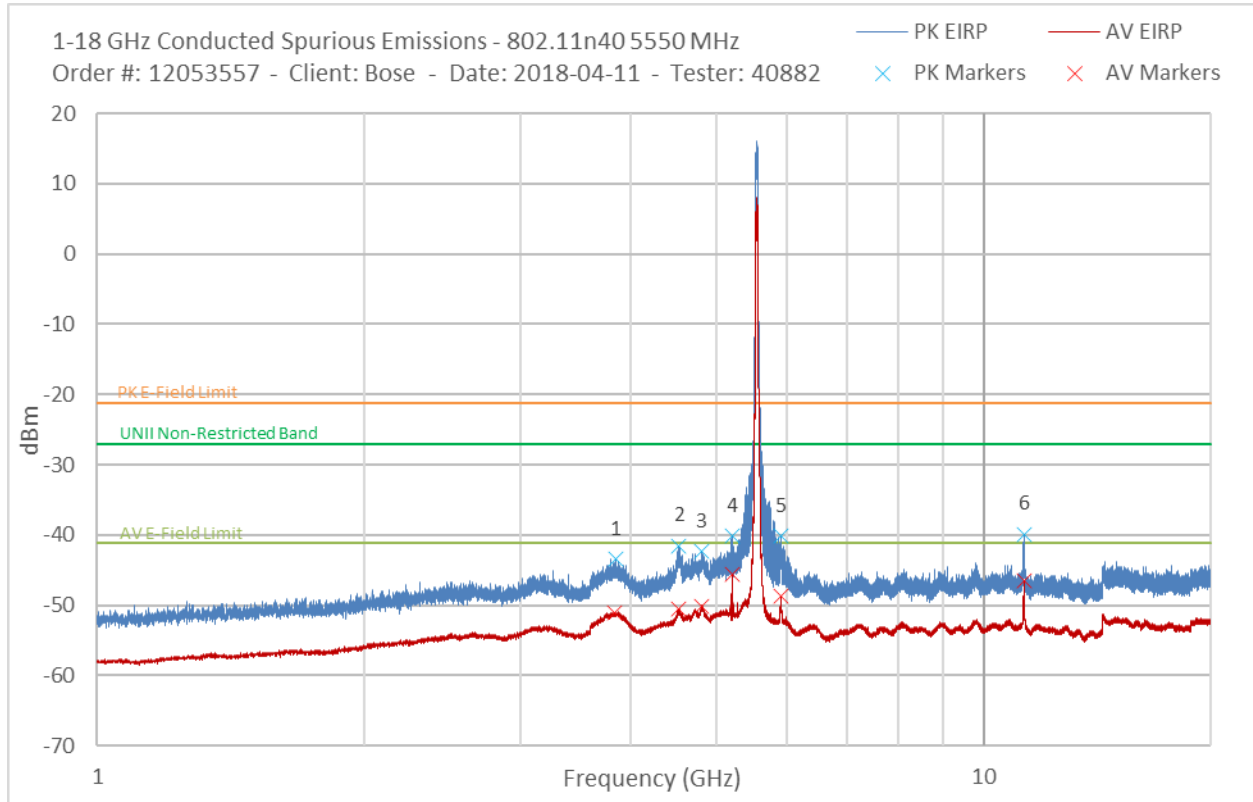
Note 1: This frequency is a -352MHz offset of the fundamental and is only located on chain 0. Therefore, array gain is not added to the EIRP reading.

Average Scan Tabular Data

#	Frequency (MHz)	Meter AV Corrected Reading Chain 0 (dBm)	Meter AV Corrected Reading Chain 1 (dBm)	AG Chain 0 (dBi)	AG Chain 1 (dBi)	Array Gain (dBi)	DCCF (dB)	AV EIRP (dBm)	AV E-field Limit (dBm)	AV E-field Margin (dB)
1	3841.98	-61.54	-61.77	2.16	2.16	3.01	2.52	-50.95	-41.20	-9.75
2	4528.78	-59.67	-61.77	2.16	2.16	3.01	2.52	-49.89	-41.20	-8.69
3	4814.80	-60.38	-61.04	2.16	2.16	3.01	2.52	-49.99	-41.20	-8.79
4	5157.78	-52.24	-60.89	2.16	2.16	0.00 ¹	2.52	-47.01	-41.20	-5.81
5	5862.00	-57.78	-62.49	2.16	2.16	3.01	2.52	-48.82	-41.20	-7.62
6	5983.98	-62.17	-61.14	2.16	2.16	3.01	2.52	-50.92	-41.20	-9.72
7	11019.80	-58.09	-55.64	2.16	2.16	3.01	2.52	-45.99	-41.20	-4.79

Note 1: This frequency is a -352MHz offset of the fundamental and is only located on chain 0. Therefore, array gain is not added to the EIRP reading.

9.3.8. 802.11n HT40 MODE IN THE 5.6GHz BAND – MID CHANNEL



Peak Scan Tabular Data

#	Frequency (MHz)	Meter PK Corrected Reading Chain 0 (dBm)	Meter PK Corrected Reading Chain 1 (dBm)	AG Chain 0 (dBi)	AG Chain 1 (dBi)	Array Gain (dBi)	PK EIRP (dBm)	PK E-field Limit (dBm)	PK E-field Margin (dB)	UNII Non-Restricted Band Limit (dBm)	UNII Non-Restricted Band Margin (dBm)
1	3840.28	-50.85	-52.52	2.16	2.16	3.01	-43.42	-21.20	-22.22	-27.00	-16.42
2	4534.73	-47.95	-52.66	2.16	2.16	3.01	-41.51	-21.20	-20.31	-27.00	-14.51
3	4799.50	-49.18	-52.51	2.16	2.16	3.01	-42.35	-21.20	-21.15	-27.00	-15.35
4	5198.15	-43.60	-48.37	2.16	2.16	0.00 ¹	-40.18	-21.20	-18.98	-27.00	-13.18
5	5904.93	-48.53	-48.10	2.16	2.16	3.01	-40.12	-21.20	-18.92	-27.00	-13.12
6	11098.85	-48.19	-47.99	2.16	2.16	3.01	-39.90	-21.20	-18.70	-27.00	-12.90

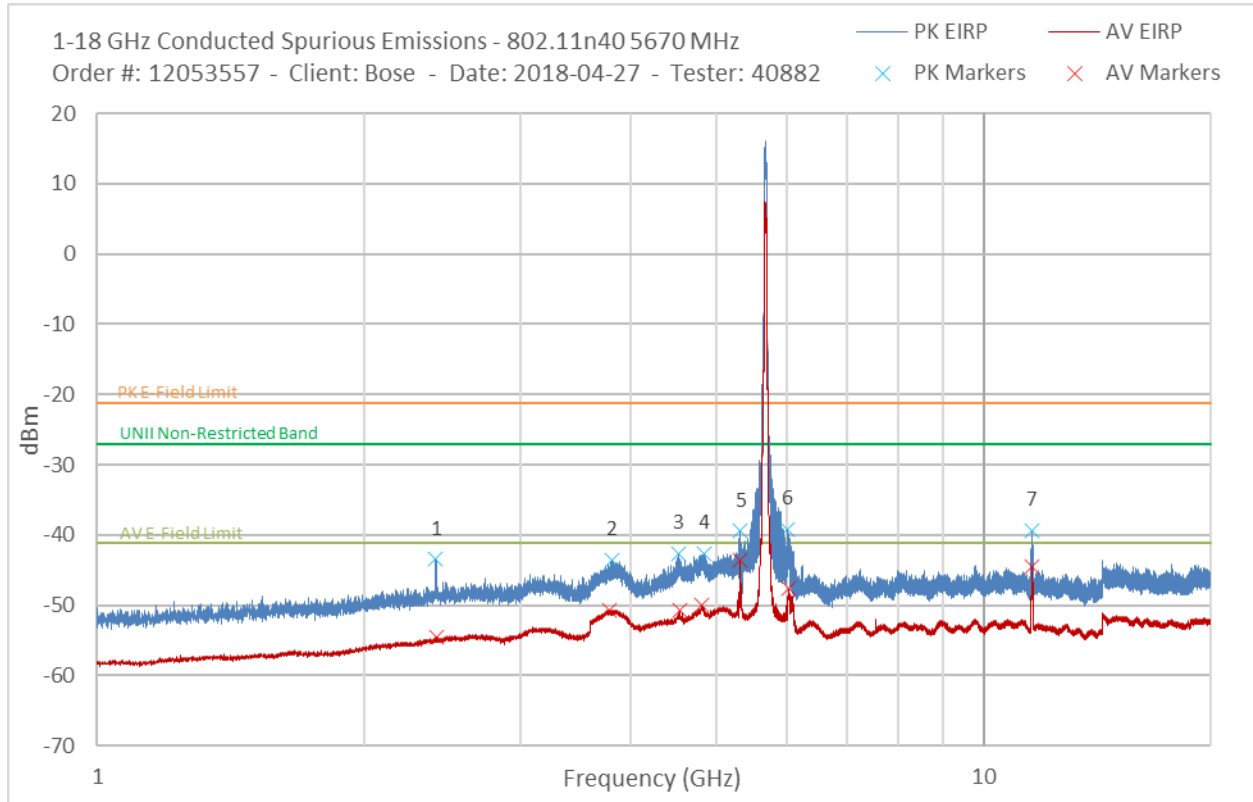
Note 1: This frequency is a -352MHz offset of the fundamental and is only located on chain 0. Therefore, array gain is not added to the EIRP reading.

Average Scan Tabular Data

#	Frequency (MHz)	Meter AV Corrected Reading Chain 0 (dBm)	Meter AV Corrected Reading Chain 1 (dBm)	AG Chain 0 (dBi)	AG Chain 1 (dBi)	Array Gain (dBi)	DCCF (dB)	AV EIRP (dBm)	AV E-field Limit (dBm)	AV E-field Margin (dB)
1	3832.20	-61.59	-61.77	2.16	2.16	3.01	2.52	-50.98	-41.20	-9.78
2	4531.33	-60.38	-62.19	2.16	2.16	3.01	2.52	-50.49	-41.20	-9.29
3	4798.65	-60.42	-61.38	2.16	2.16	3.01	2.52	-50.17	-41.20	-8.97
4	5198.15	-50.61	-61.33	2.16	2.16	0.00 ¹	2.52	-45.58	-41.20	-4.38
5	5901.95	-57.75	-62.01	2.16	2.16	3.01	2.52	-48.67	-41.20	-7.47
6	11099.70	-59.92	-55.58	2.16	2.16	3.01	2.52	-46.53	-41.20	-5.33

Note 1: This frequency is a -352MHz offset of the fundamental and is only located on chain 0. Therefore, array gain is not added to the EIRP reading.

9.3.9. 802.11n HT40 MODE IN THE 5.6GHz BAND – HIGH CHANNEL



Peak Scan Tabular Data

#	Frequency (MHz)	Meter PK Corrected Reading Chain 0 (dBm)	Meter PK Corrected Reading Chain 1 (dBm)	AG Chain 0 (dBi)	AG Chain 1 (dBi)	Array Gain (dBi)	PK EIRP (dBm)	PK E-field Limit (dBm)	PK E-field Margin (dB)	UNII Non-Restricted Band Limit (dBm)	UNII Non-Restricted Band Margin (dBm)
1	2410.58	-49.21	-57.16	2.16	2.16	3.01	-43.39	-21.20	-22.19	-27.00	-16.39
2	3809.25	-50.93	-52.68	2.16	2.16	3.01	-43.53	-21.20	-22.33	-27.00	-16.53
3	4525.38	-49.42	-52.75	2.16	2.16	3.01	-42.59	-21.20	-21.39	-27.00	-15.59
4	4836.48	-49.94	-51.89	2.16	2.16	3.01	-42.62	-21.20	-21.42	-27.00	-15.62
5	5317.58	-42.00	-52.18	2.16	2.16	0.00 ¹	-39.44	-21.20	-18.24	-27.00	-12.44
6	6007.35	-49.95	-45.73	2.16	2.16	3.01	-39.16	-21.20	-17.96	-27.00	-12.16
7	11322.40	-51.68	-45.40	2.16	2.16	3.01	-39.30	-21.20	-18.10	-27.00	-12.30

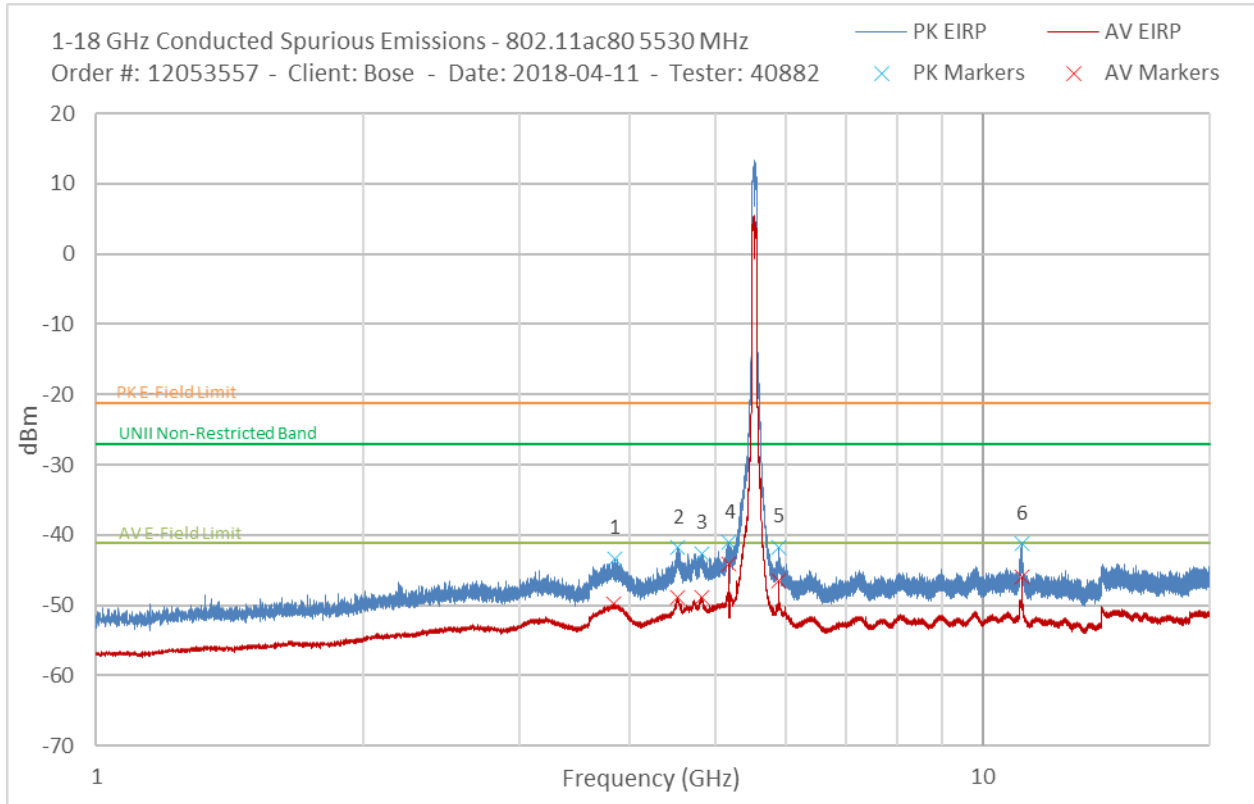
Note 1: This frequency is a -352MHz offset of the fundamental and is only located on chain 0. Therefore, array gain is not added to the EIRP reading.

Average Scan Tabular Data

#	Frequency (MHz)	Meter AV Corrected Reading Chain 0 (dBm)	Meter AV Corrected Reading Chain 1 (dBm)	AG Chain 0 (dBi)	AG Chain 1 (dBi)	Array Gain (dBi)	DCCF (dB)	AV EIRP (dBm)	AV E-field Limit (dBm)	AV E-field Margin (dB)
1	2411.43	-64.80	-65.67	2.16	2.16	3.01	2.52	-54.51	-41.20	-13.31
2	3780.35	-61.76	-60.92	2.16	2.16	3.01	2.52	-50.62	-41.20	-9.42
3	4536.00	-60.54	-62.59	2.16	2.16	3.01	2.52	-50.74	-41.20	-9.54
4	4802.90	-60.50	-60.70	2.16	2.16	3.01	2.52	-49.89	-41.20	-8.69
5	5318.00	-48.40	-62.10	2.16	2.16	0.00 ¹	2.52	-43.54	-41.20	-2.34
6	6021.80	-58.02	-58.65	2.16	2.16	3.01	2.52	-47.62	-41.20	-6.42
7	11341.95	-59.63	-53.05	2.16	2.16	3.01	2.52	-44.49	-41.20	-3.29

Note 1: This frequency is a -352MHz offset of the fundamental and is only located on chain 0. Therefore, array gain is not added to the EIRP reading.

9.3.10. 802.11ac VHT80 MODE IN THE 5.6GHz BAND – LOW CHANNEL



Peak Scan Tabular Data

#	Frequency (MHz)	Meter PK Corrected Reading Chain 0 (dBm)	Meter PK Corrected Reading Chain 1 (dBm)	AG Chain 0 (dBi)	AG Chain 1 (dBi)	Array Gain (dBi)	PK EIRP (dBm)	PK E-field Limit (dBm)	PK E-field Margin (dB)	UNII Non-Restricted Band Limit (dBm)	UNII Non-Restricted Band Margin (dBm)
1	3844.10	-50.24	-53.41	2.16	2.16	3.01	-43.36	-21.20	-22.16	-27.00	-16.36
2	4531.75	-50.03	-50.02	2.16	2.16	3.01	-41.84	-21.20	-20.64	-27.00	-14.84
3	4822.45	-51.47	-50.22	2.16	2.16	3.01	-42.62	-21.20	-21.42	-27.00	-15.62
4	5178.18	-44.20	-50.15	2.16	2.16	0.00 ¹	-41.05	-21.20	-19.85	-27.00	-14.05
5	5881.98	-47.97	-53.25	2.16	2.16	3.01	-41.67	-21.20	-20.47	-27.00	-14.67
6	11060.18	-51.96	-47.89	2.16	2.16	3.01	-41.28	-21.20	-20.08	-27.00	-14.28

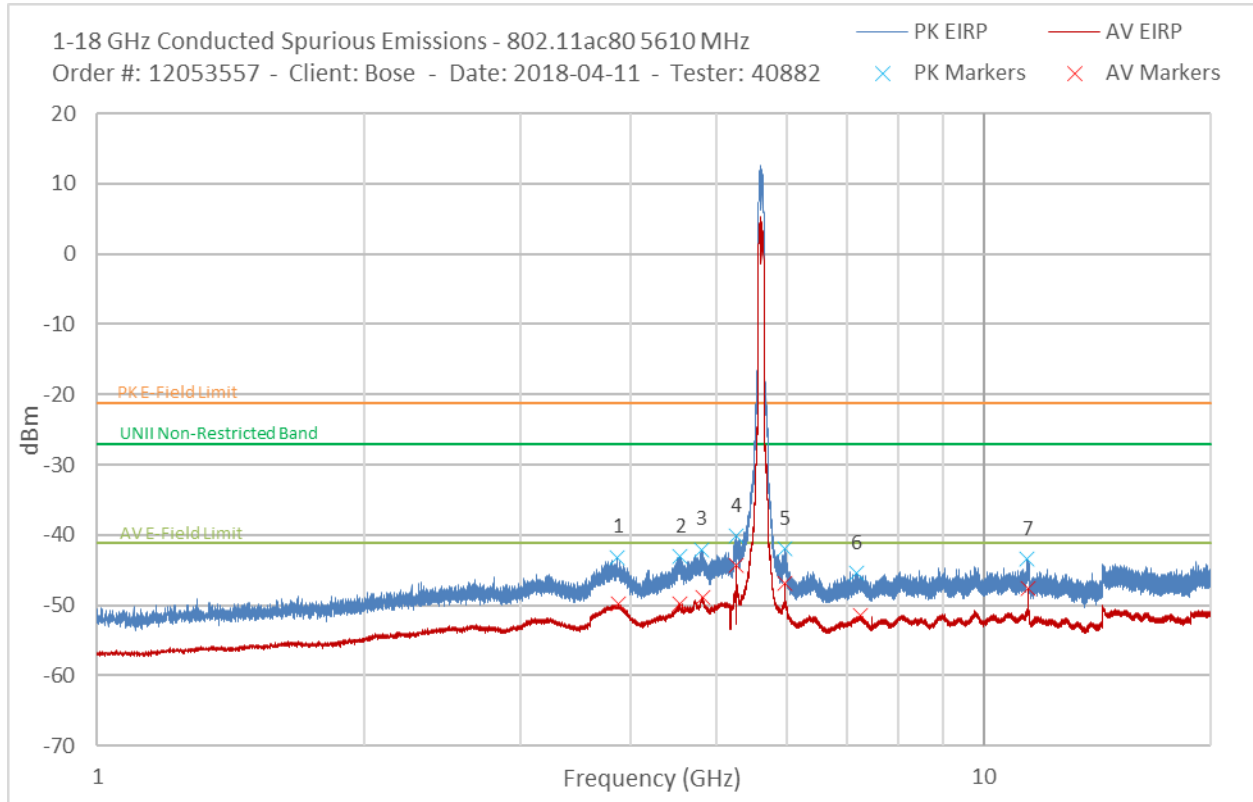
Note 1: This frequency is a -352MHz offset of the fundamental and is only located on chain 0. Therefore, array gain is not added to the EIRP reading.

Average Scan Tabular Data

#	Frequency (MHz)	Meter AV Corrected Reading Chain 0 (dBm)	Meter AV Corrected Reading Chain 1 (dBm)	AG Chain 0 (dBi)	AG Chain 1 (dBi)	Array Gain (dBi)	DCCF (dB)	AV EIRP (dBm)	AV E-field Limit (dBm)	AV E-field Margin (dB)
1	3833.90	-61.69	-61.62	2.16	2.16	3.01	3.62	-49.85	-41.20	-8.65
2	4531.33	-59.53	-62.03	2.16	2.16	3.01	3.62	-48.80	-41.20	-7.60
3	4817.35	-60.66	-60.53	2.16	2.16	3.01	3.62	-48.79	-41.20	-7.59
4	5178.18	-50.41	-60.32	2.16	2.16	0.00 ¹	3.62	-44.20	-41.20	-3.00
5	5881.98	-56.44	-61.35	2.16	2.16	3.01	3.62	-46.43	-41.20	-5.23
6	11059.75	-60.88	-56.02	2.16	2.16	3.01	3.62	-46.00	-41.20	-4.80

Note 1: This frequency is a -352MHz offset of the fundamental and is only located on chain 0. Therefore, array gain is not added to the EIRP reading.

9.3.11. 802.11ac VHT80 MODE IN THE 5.6GHz BAND – MID CHANNEL



Peak Scan Tabular Data

#	Frequency (MHz)	Meter PK Corrected Reading Chain 0 (dBm)	Meter PK Corrected Reading Chain 1 (dBm)	AG Chain 0 (dBi)	AG Chain 1 (dBi)	Array Gain (dBi)	PK EIRP (dBm)	PK E-field Limit (dBm)	PK E-field Margin (dB)	UNII Non-Restricted Band Limit (dBm)	UNII Non-Restricted Band Margin (dBm)
1	3864.08	-52.52	-50.47	2.16	2.16	3.01	-43.19	-21.2	-21.99	-27.00	-16.19
2	4545.78	-51.56	-50.95	2.16	2.16	3.01	-43.06	-21.2	-21.86	-27.00	-16.06
3	4809.70	-51.58	-49.24	2.16	2.16	3.01	-42.07	-21.2	-20.87	-27.00	-15.07
4	5258.08	-43.16	-50.05	2.16	2.16	0.00 ¹	-40.19	-21.2	-18.99	-27.00	-13.19
5	5961.45	-48.52	-52.68	2.16	2.16	3.01	-41.93	-21.2	-20.73	-27.00	-14.93
6	7188.85	-54.36	-52.92	2.16	2.16	3.01	-45.39	-21.2	-24.19	-27.00	-18.39
7	11202.98	-52.00	-51.31	2.16	2.16	3.01	-43.46	-21.2	-22.26	-27.00	-16.46

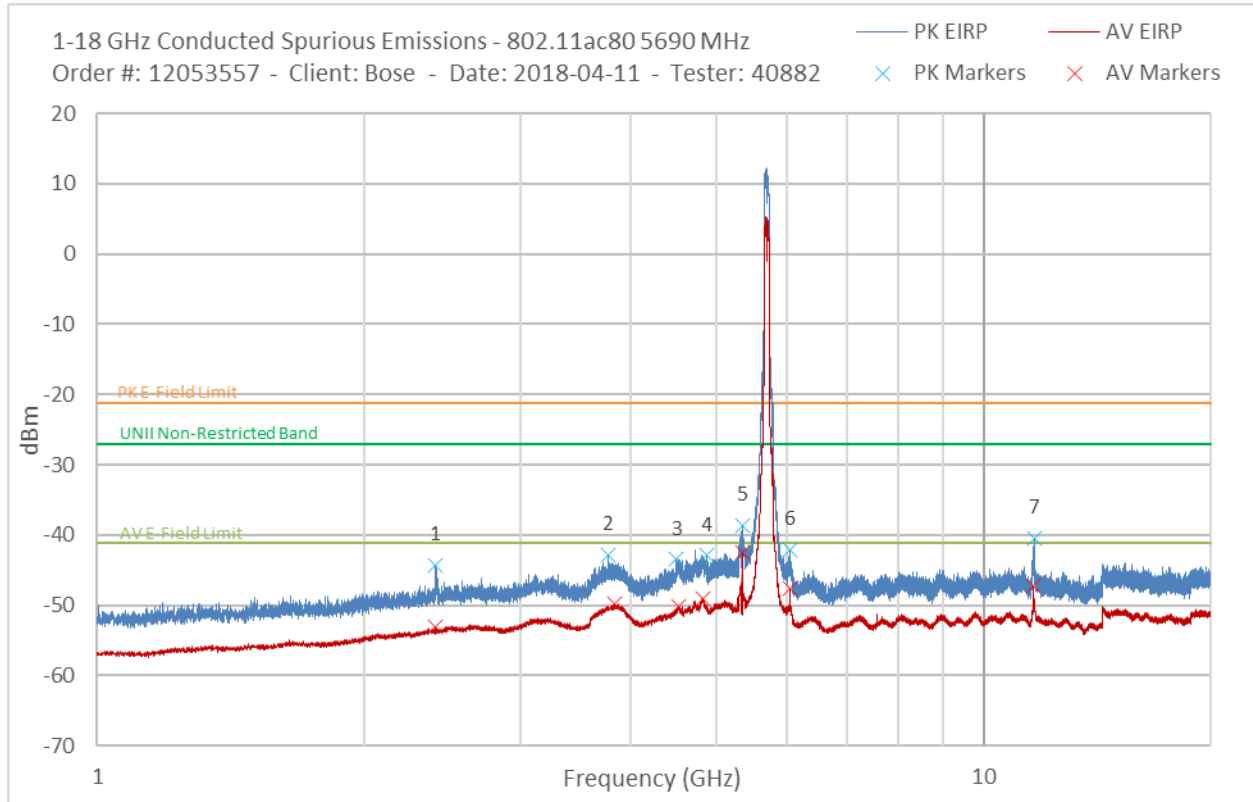
Note 1: This frequency is a -352MHz offset of the fundamental and is only located on chain 0. Therefore, array gain is not added to the EIRP reading.

Average Scan Tabular Data

#	Frequency (MHz)	Meter AV Corrected Reading Chain 0 (dBm)	Meter AV Corrected Reading Chain 1 (dBm)	AG Chain 0 (dBi)	AG Chain 1 (dBi)	Array Gain (dBi)	DCCF (dB)	AV EIRP (dBm)	AV E-field Limit (dBm)	AV E-field Margin (dB)
1	3872.15	-61.83	-61.38	2.16	2.16	3.01	3.62	-49.79	-41.20	-8.59
2	4539.83	-61.03	-62.34	2.16	2.16	3.01	3.62	-49.83	-41.20	-8.63
3	4820.33	-60.58	-60.83	2.16	2.16	3.01	3.62	-48.90	-41.20	-7.70
4	5258.08	-50.01	-59.41	2.16	2.16	0.00 ¹	3.62	-43.75	-41.20	-2.55
5	5961.88	-56.93	-61.57	2.16	2.16	3.01	3.62	-46.86	-41.20	-5.66
6	7259.40	-63.18	-63.43	2.16	2.16	3.01	3.62	-51.50	-41.20	-10.30
7	11219.98	-61.71	-57.78	2.16	2.16	3.01	3.62	-47.51	-41.20	-6.31

Note 1: This frequency is a -352MHz offset of the fundamental and is only located on chain 0. Therefore, array gain is not added to the EIRP reading.

9.3.12. 802.11ac VHT80 MODE IN THE 5.6GHz BAND – HIGH CHANNEL



Peak Scan Tabular Data

#	Frequency (MHz)	Meter PK Corrected Reading Chain 0 (dBm)	Meter PK Corrected Reading Chain 1 (dBm)	AG Chain 0 (dBi)	AG Chain 1 (dBi)	Array Gain (dBi)	PK EIRP (dBm)	PK E-field Limit (dBm)	PK E-field Margin (dB)	UNII Non-Restricted Band Limit (dBm)	UNII Non-Restricted Band Margin (dBm)
1	2405.05	-50.37	-56.42	2.16	2.16	3.01	-44.23	-21.20	-23.03	-27.00	-17.23
2	3772.70	-52.25	-50.04	2.16	2.16	3.01	-42.83	-21.20	-21.63	-27.00	-15.83
3	4502.43	-50.23	-53.52	2.16	2.16	3.01	-43.38	-21.20	-22.18	-27.00	-16.38
4	4870.90	-51.21	-50.84	2.16	2.16	3.01	-42.84	-21.20	-21.64	-27.00	-15.84
5	5337.98	-41.33	-49.86	2.16	2.16	0.00 ¹	-38.60	-21.20	-17.40	-27.00	-11.60
6	6042.20	-48.64	-52.87	2.16	2.16	3.01	-42.07	-21.20	-20.87	-27.00	-15.07
7	11396.35	-48.02	-49.30	2.16	2.16	3.01	-40.43	-21.20	-19.23	-27.00	-13.43

Note 1: This frequency is a -352MHz offset of the fundamental and is only located on chain 0. Therefore, array gain is not added to the EIRP reading.

Average Scan Tabular Data

#	Frequency (MHz)	Meter AV Corrected Reading Chain 0 (dBm)	Meter AV Corrected Reading Chain 1 (dBm)	AG Chain 0 (dBi)	AG Chain 1 (dBi)	Array Gain (dBi)	DCCF (dB)	AV EIRP (dBm)	AV E-field Limit (dBm)	AV E-field Margin (dB)
1	2410.58	-64.94	-64.98	2.16	2.16	3.01	3.62	-53.16	-41.20	-11.96
2	3830.50	-61.46	-61.57	2.16	2.16	3.01	3.62	-49.71	-41.20	-8.51
3	4528.35	-61.24	-62.68	2.16	2.16	3.01	3.62	-50.10	-41.20	-8.90
4	4819.90	-60.54	-61.09	2.16	2.16	3.01	3.62	-49.00	-41.20	-7.80
5	5337.98	-48.48	-60.79	2.16	2.16	0.00 ¹	3.62	-42.45	-41.20	-1.25
6	6041.78	-57.78	-61.69	2.16	2.16	3.01	3.62	-47.51	-41.20	-6.31
7	11379.78	-60.15	-58.24	2.16	2.16	3.01	3.62	-47.29	-41.20	-6.09

Note 1: This frequency is a -352MHz offset of the fundamental and is only located on chain 0. Therefore, array gain is not added to the EIRP reading.

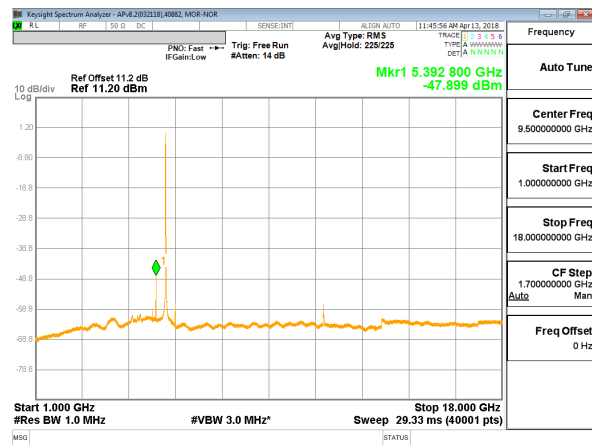
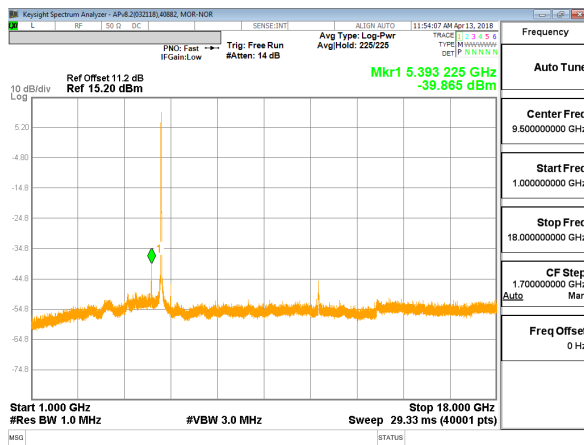
9.4. 5.8GHz BAND

Settings used:

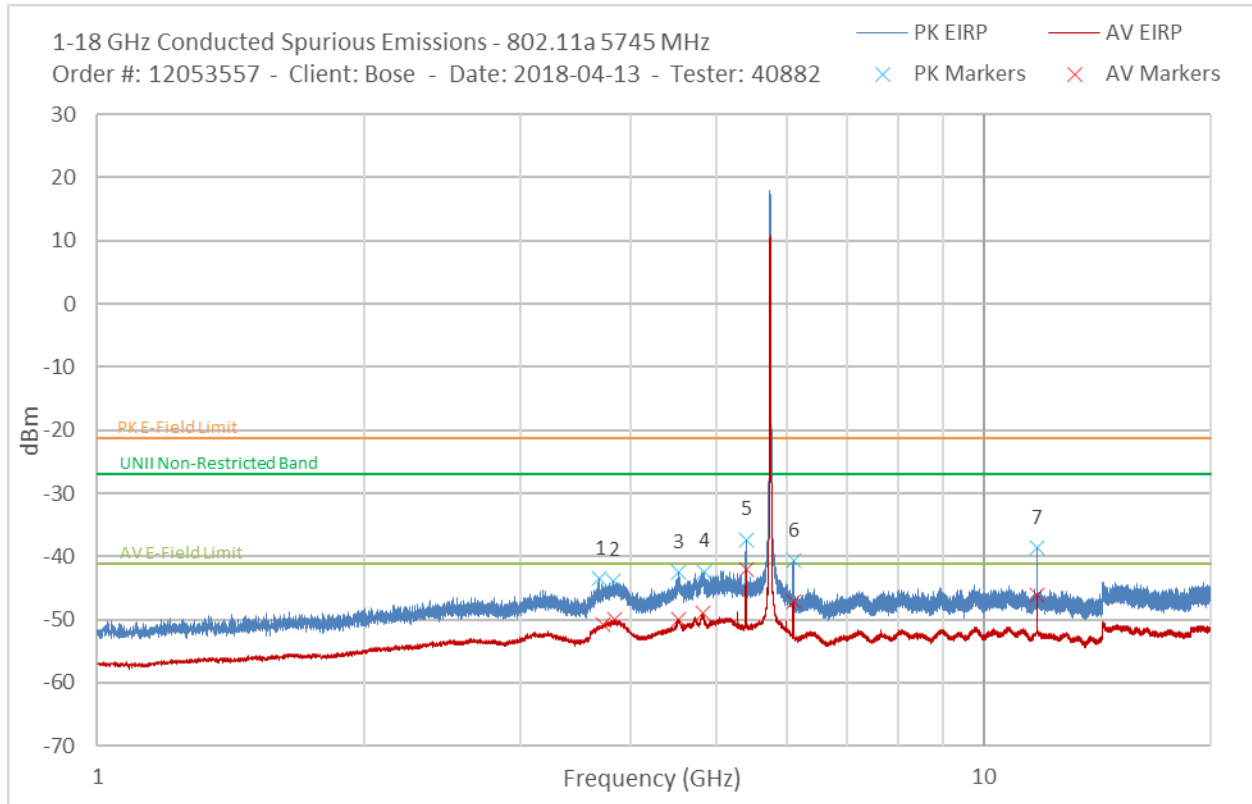
Detector: Pk and AV
RBW: 1M
VBW: 3M
Range: 1-18 MHz
Path Loss: 11.2 (10dB pad + 1.2 cable loss)

Measurements from both chains were inserted into a spreadsheet where the measurements were combined. Worst-case antenna gain (External antenna 2.16 dBi) was used.

Example plots:



9.4.1. 802.11a MODE IN THE 5.8GHz BAND – LOW CHANNEL



Peak Scan Tabular Data

#	Frequency (MHz)	Meter PK Corrected Reading Chain 0 (dBm)	Meter PK Corrected Reading Chain 1 (dBm)	AG Chain 0 (dBi)	AG Chain 1 (dBi)	Array Gain (dBi)	PK EIRP (dBm)	PK E-field Limit (dBm)	PK E-field Margin (dB)	UNII Non-Restricted Band Limit (dBm)	UNII Non-Restricted Band Margin (dBm)
1	3689.40	-51.80	-51.69	2.16	2.16	3.01	-43.56	-21.20	-22.36	-27.00	-16.56
2	3825.40	-53.78	-50.80	2.16	2.16	3.01	-43.85	-21.20	-22.65	-27.00	-16.85
3	4525.80	-49.60	-52.21	2.16	2.16	3.01	-42.52	-21.20	-21.32	-27.00	-15.52
4	4839.45	-50.51	-50.60	2.16	2.16	3.01	-42.37	-21.20	-21.17	-27.00	-15.37
5	5392.80	-39.89	-50.34	2.16	2.16	0.00 ¹	-37.35	-21.20	-16.15	-27.00	-10.35
6	6098.30	-46.47	-54.61	2.16	2.16	3.01	-40.68	-21.20	-19.48	-27.00	-13.68
7	11491.55	-45.49	-48.65	2.16	2.16	3.01	-38.60	-21.20	-17.40	-27.00	-11.60

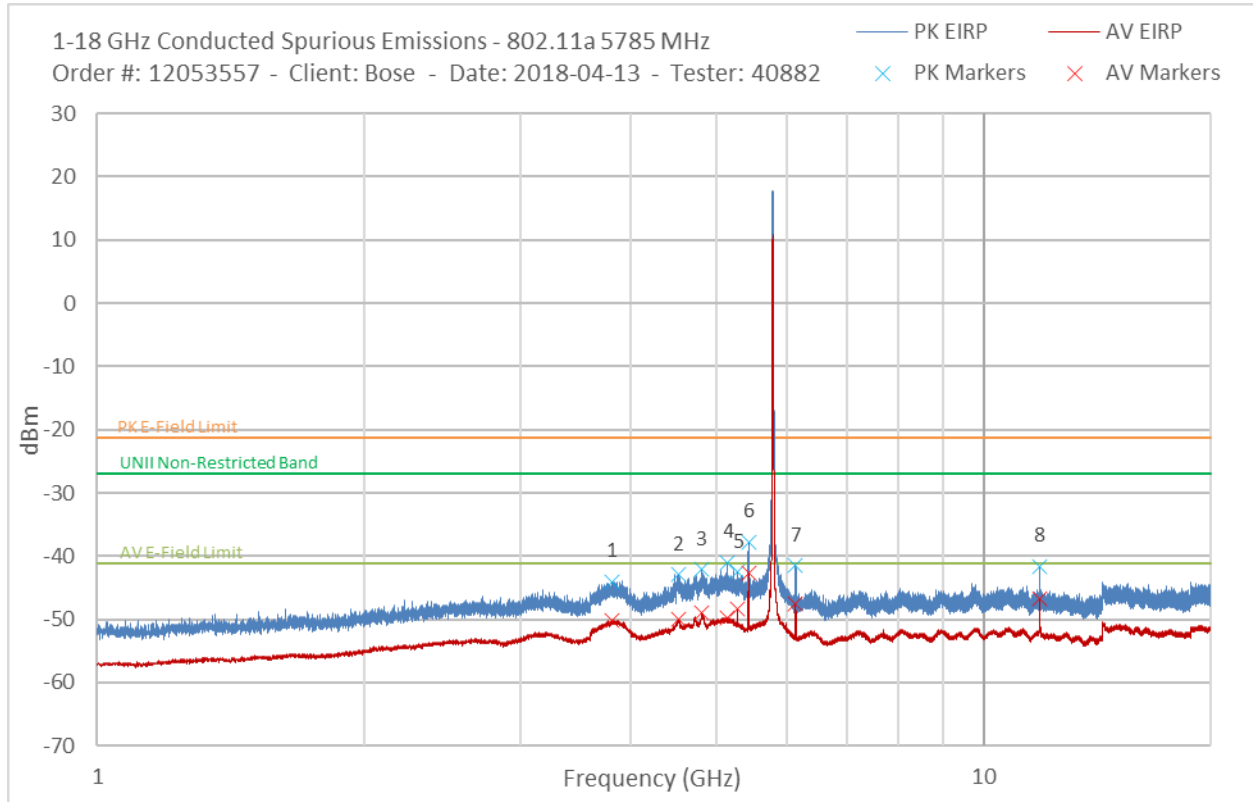
Note 1: This frequency is a -352MHz offset of the fundamental and is only located on chain 0. Therefore, array gain is not added to the EIRP reading.

Average Scan Tabular Data

#	Frequency (MHz)	Meter AV Corrected Reading Chain 0 (dBm)	Meter AV Corrected Reading Chain 1 (dBm)	AG Chain 0 (dBi)	AG Chain 1 (dBi)	Array Gain (dBi)	DCCF (dB)	AV EIRP (dBm)	AV E-field Limit (dBm)	AV E-field Margin (dB)
1	3717.88	-62.42	-62.47	2.16	2.16	3.01	3.41	-50.85	-41.20	-9.65
2	3839.85	-61.76	-61.38	2.16	2.16	3.01	3.41	-49.97	-41.20	-8.77
3	4521.13	-60.93	-62.32	2.16	2.16	3.01	3.41	-49.97	-41.20	-8.77
4	4821.18	-60.81	-60.46	2.16	2.16	3.01	3.41	-49.03	-41.20	-7.83
5	5392.80	-47.90	-62.00	2.16	2.16	0.00 ¹	3.41	-42.16	-41.20	-0.96
6	6097.03	-56.75	-62.49	2.16	2.16	3.01	3.41	-47.13	-41.20	-5.93
7	11489.85	-57.19	-58.15	2.16	2.16	3.01	3.41	-46.04	-41.20	-4.84

Note 1: This frequency is a -352MHz offset of the fundamental and is only located on chain 0. Therefore, array gain is not added to the EIRP reading.

9.4.2. 802.11a MODE IN THE 5.8GHz BAND – MID CHANNEL



Peak Scan Tabular Data

#	Frequency (MHz)	Meter PK Corrected Reading Chain 0 (dBm)	Meter PK Corrected Reading Chain 1 (dBm)	AG Chain 0 (dBi)	AG Chain 1 (dBi)	Array Gain (dBi)	PK EIRP (dBm)	PK E-field Limit (dBm)	PK E-field Margin (dB)	UNII Non-Restricted Band Limit (dBm)	UNII Non-Restricted Band Margin (dBm)
1	3802.88	-53.65	-51.11	2.16	2.16	3.01	-44.01	-21.20	-22.81	-27.00	-17.01
2	4528.78	-49.59	-53.25	2.16	2.16	3.01	-42.86	-21.20	-21.66	-27.00	-15.86
3	4808.85	-48.70	-52.87	2.16	2.16	3.01	-42.12	-21.20	-20.92	-27.00	-15.12
4	5142.48	-47.34	-52.45	2.16	2.16	3.01	-41.00	-21.20	-19.80	-27.00	-14.00
5	5280.18	-49.21	-53.10	2.16	2.16	3.01	-42.54	-21.20	-21.34	-27.00	-15.54
6	5432.75	-40.20	-52.32	2.16	2.16	0.00 ¹	-37.77	-21.20	-16.57	-27.00	-10.77
7	6137.40	-47.55	-54.13	2.16	2.16	3.01	-41.51	-21.20	-20.31	-27.00	-14.51
8	11569.75	-48.88	-51.03	2.16	2.16	3.01	-41.64	-21.20	-20.44	-27.00	-14.64

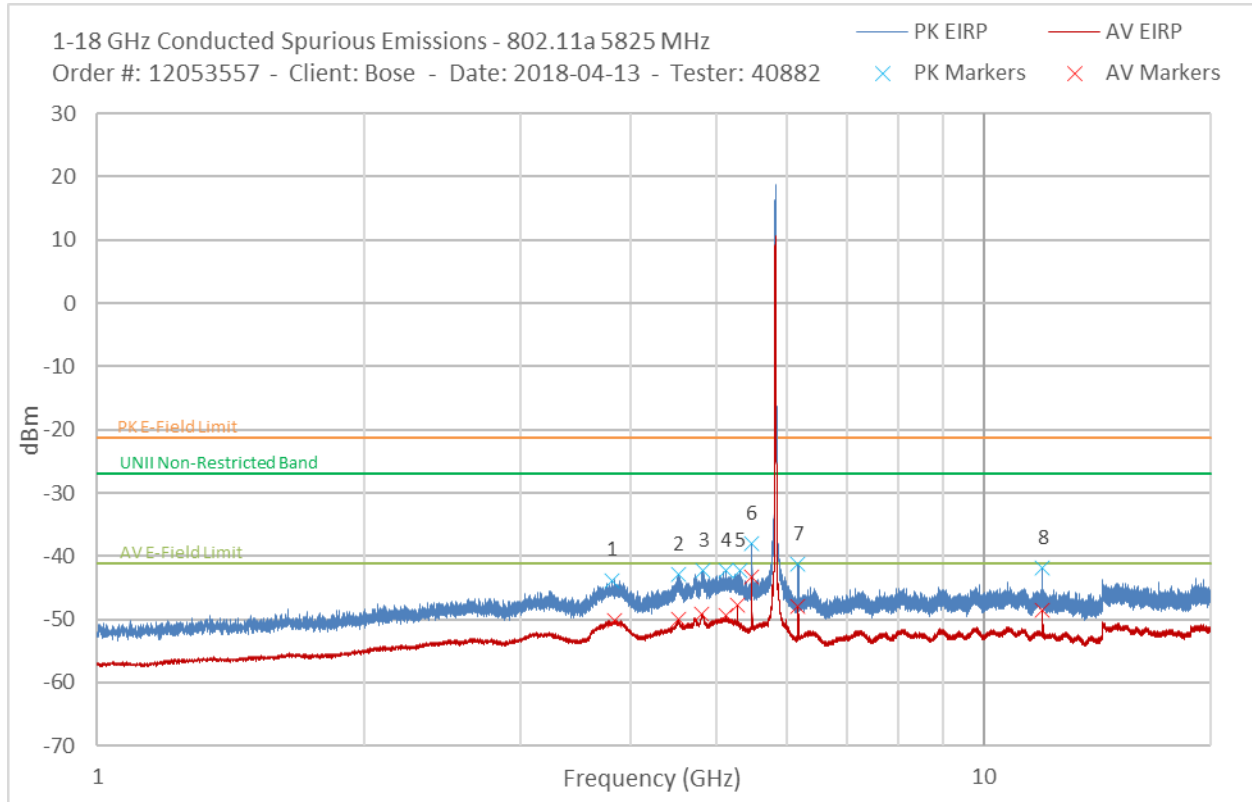
Note 1: This frequency is a -352MHz offset of the fundamental and is only located on chain 0. Therefore, array gain is not added to the EIRP reading.

Average Scan Tabular Data

#	Frequency (MHz)	Meter AV Corrected Reading Chain 0 (dBm)	Meter AV Corrected Reading Chain 1 (dBm)	AG Chain 0 (dBi)	AG Chain 1 (dBi)	Array Gain (dBi)	DCCF (dB)	AV EIRP (dBm)	AV E-field Limit (dBm)	AV E-field Margin (dB)
1	3811.38	-61.76	-61.86	2.16	2.16	3.01	3.41	-50.21	-41.20	-9.01
2	4520.70	-60.81	-62.64	2.16	2.16	3.01	3.41	-50.03	-41.20	-8.83
3	4807.15	-60.68	-60.60	2.16	2.16	3.01	3.41	-49.04	-41.20	-7.84
4	5133.55	-61.17	-61.57	2.16	2.16	3.01	3.41	-49.76	-41.20	-8.56
5	5280.18	-58.21	-62.65	2.16	2.16	3.01	3.41	-48.29	-41.20	-7.09
6	5432.75	-48.52	-62.10	2.16	2.16	0.00 ¹	3.41	-42.75	-41.20	-1.55
7	6136.98	-57.22	-63.02	2.16	2.16	3.01	3.41	-47.62	-41.20	-6.42
8	11569.75	-58.95	-57.95	2.16	2.16	3.01	3.41	-46.82	-41.20	-5.62

Note 1: This frequency is a -352MHz offset of the fundamental and is only located on chain 0. Therefore, array gain is not added to the EIRP reading.

9.4.3. 802.11a MODE IN THE 5.8GHz BAND – HIGH CHANNEL



Peak Scan Tabular Data

#	Frequency (MHz)	Meter PK Corrected Reading Chain 0 (dBm)	Meter PK Corrected Reading Chain 1 (dBm)	AG Chain 0 (dBi)	AG Chain 1 (dBi)	Array Gain (dBi)	PK EIRP (dBm)	PK E-field Limit (dBm)	PK E-field Margin (dB)	UNII Non-Restricted Band Limit (dBm)	UNII Non-Restricted Band Margin (dBm)
1	3807.55	-53.47	-50.95	2.16	2.16	3.01	-43.85	-21.20	-22.65	-27.00	-16.85
2	4530.05	-49.68	-53.31	2.16	2.16	3.01	-42.94	-21.20	-21.74	-27.00	-15.94
3	4830.53	-50.83	-50.20	2.16	2.16	3.01	-42.32	-21.20	-21.12	-27.00	-15.32
4	5112.73	-54.21	-48.51	2.16	2.16	3.01	-42.30	-21.20	-21.10	-27.00	-15.30
5	5312.48	-49.18	-52.45	2.16	2.16	3.01	-42.33	-21.20	-21.13	-27.00	-15.33
6	5472.70	-40.58	-51.82	2.16	2.16	0.00 ¹	-38.10	-21.20	-16.90	-27.00	-11.10
7	6176.93	-47.46	-53.53	2.16	2.16	3.01	-41.32	-21.20	-20.12	-27.00	-14.32
8	11649.65	-50.77	-49.50	2.16	2.16	3.01	-41.91	-21.20	-20.71	-27.00	-14.91

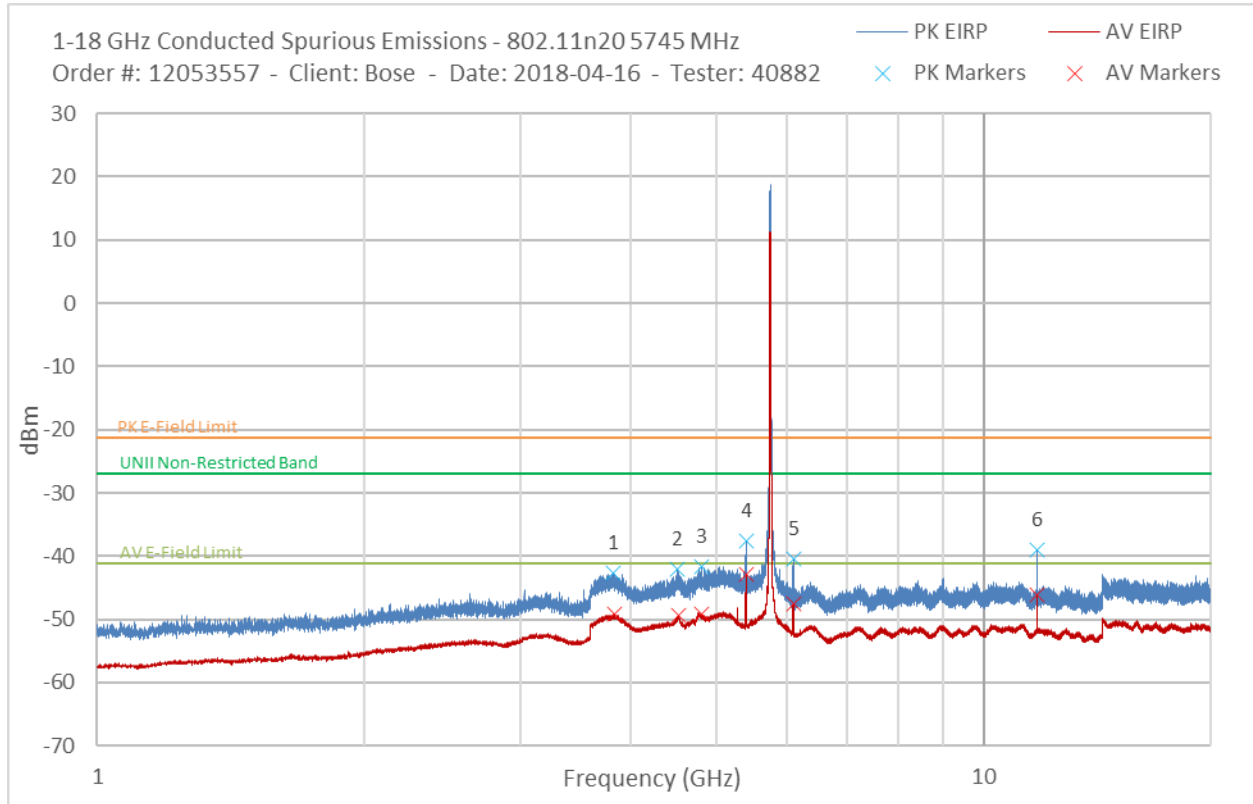
Note 1: This frequency is a -352MHz offset of the fundamental and is only located on chain 0. Therefore, array gain is not added to the EIRP reading.

Average Scan Tabular Data

#	Frequency (MHz)	Meter AV Corrected Reading Chain 0 (dBm)	Meter AV Corrected Reading Chain 1 (dBm)	AG Chain 0 (dBi)	AG Chain 1 (dBi)	Array Gain (dBi)	DCCF (dB)	AV EIRP (dBm)	AV E-field Limit (dBm)	AV E-field Margin (dB)
1	3830.08	-61.88	-61.82	2.16	2.16	3.01	3.41	-50.25	-41.20	-9.05
2	4522.83	-61.25	-61.88	2.16	2.16	3.01	3.41	-49.95	-41.20	-8.75
3	4814.38	-60.28	-61.28	2.16	2.16	3.01	3.41	-49.16	-41.20	-7.96
4	5120.38	-60.52	-61.31	2.16	2.16	3.01	3.41	-49.30	-41.20	-8.10
5	5279.75	-57.84	-61.96	2.16	2.16	3.01	3.41	-47.83	-41.20	-6.63
6	5473.13	-49.04	-61.72	2.16	2.16	0.00 ¹	3.41	-43.23	-41.20	-2.03
7	6176.93	-57.56	-63.13	2.16	2.16	3.01	3.41	-47.91	-41.20	-6.71
8	11650.08	-60.61	-59.61	2.16	2.16	3.01	3.41	-48.49	-41.20	-7.29

Note 1: This frequency is a -352MHz offset of the fundamental and is only located on chain 0. Therefore, array gain is not added to the EIRP reading.

9.4.4. 802.11n HT20 MODE IN THE 5.8GHz BAND – LOW CHANNEL



Peak Scan Tabular Data

#	Frequency (MHz)	Meter PK Corrected Reading Chain 0 (dBm)	Meter PK Corrected Reading Chain 1 (dBm)	AG Chain 0 (dBi)	AG Chain 1 (dBi)	Array Gain (dBi)	PK EIRP (dBm)	PK E-field Limit (dBm)	PK E-field Margin (dB)	UNII Non-Restricted Band Limit (dBm)	UNII Non-Restricted Band Margin (dBm)
1	3819.88	-52.32	-49.88	2.16	2.16	3.01	-42.75	-21.20	-21.55	-27.00	-15.75
2	4511.78	-49.22	-51.61	2.16	2.16	3.01	-42.07	-21.20	-20.87	-27.00	-15.07
3	4804.18	-48.40	-52.01	2.16	2.16	3.01	-41.66	-21.20	-20.46	-27.00	-14.66
4	5394.08	-40.08	-51.70	2.16	2.16	0.00 ¹	-37.63	-21.20	-16.43	-27.00	-10.63
5	6097.88	-46.46	-53.22	2.16	2.16	3.01	-40.46	-21.20	-19.26	-27.00	-13.46
6	11486.45	-45.17	-51.48	2.16	2.16	3.01	-39.08	-21.20	-17.88	-27.00	-12.08

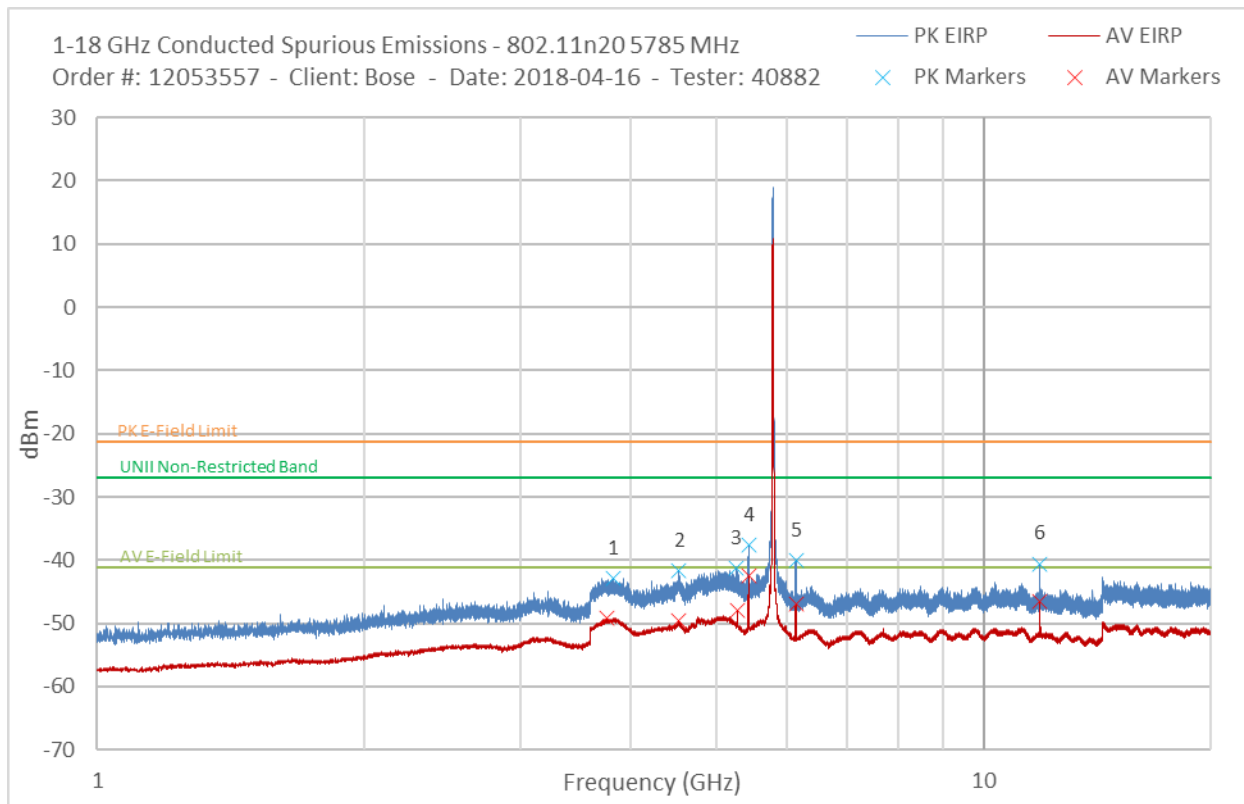
Note 1: This frequency is a -352MHz offset of the fundamental and is only located on chain 0. Therefore, array gain is not added to the EIRP reading.

Average Scan Tabular Data

#	Frequency (MHz)	Meter AV Corrected Reading Chain 0 (dBm)	Meter AV Corrected Reading Chain 1 (dBm)	AG Chain 0 (dBi)	AG Chain 1 (dBi)	Array Gain (dBi)	DCCF (dB)	AV EIRP (dBm)	AV E-field Limit (dBm)	AV E-field Margin (dB)
1	3830.50	-60.89	-60.47	2.16	2.16	3.01	3.27	-49.23	-41.20	-8.03
2	4522.40	-59.89	-62.05	2.16	2.16	3.01	3.27	-49.39	-41.20	-8.19
3	4806.30	-60.65	-60.65	2.16	2.16	3.01	3.27	-49.20	-41.20	-8.00
4	5392.80	-48.52	-62.46	2.16	2.16	0.00 ¹	3.27	-42.92	-41.20	-1.72
5	6097.03	-57.09	-62.63	2.16	2.16	3.01	3.27	-47.58	-41.20	-6.38
6	11490.70	-57.46	-57.80	2.16	2.16	3.01	3.27	-46.18	-41.20	-4.98

Note 1: This frequency is a -352MHz offset of the fundamental and is only located on chain 0. Therefore, array gain is not added to the EIRP reading.

9.4.5. 802.11n HT20 MODE IN THE 5.8GHz BAND – MID CHANNEL



Peak Scan Tabular Data

#	Frequency (MHz)	Meter PK Corrected Reading Chain 0 (dBm)	Meter PK Corrected Reading Chain 1 (dBm)	AG Chain 0 (dBi)	AG Chain 1 (dBi)	Array Gain (dBi)	PK EIRP (dBm)	PK E-field Limit (dBm)	PK E-field Margin (dB)	UNII Non-Restricted Band Limit (dBm)	UNII Non-Restricted Band Margin (dBm)
1	3817.75	-50.35	-51.92	2.16	2.16	3.01	-42.88	-21.20	-21.68	-27.00	-15.88
2	4531.33	-48.03	-53.25	2.16	2.16	3.01	-41.71	-21.20	-20.51	-27.00	-14.71
3	5259.35	-48.21	-51.14	2.16	2.16	3.01	-41.25	-21.20	-20.05	-27.00	-14.25
4	5433.60	-40.16	-51.62	2.16	2.16	0.00 ¹	-37.69	-21.20	-16.49	-27.00	-10.69
5	6137.83	-46.14	-52.56	2.16	2.16	3.01	-40.07	-21.20	-18.87	-27.00	-13.07
6	11571.45	-49.79	-47.96	2.16	2.16	3.01	-40.60	-21.20	-19.40	-27.00	-13.60

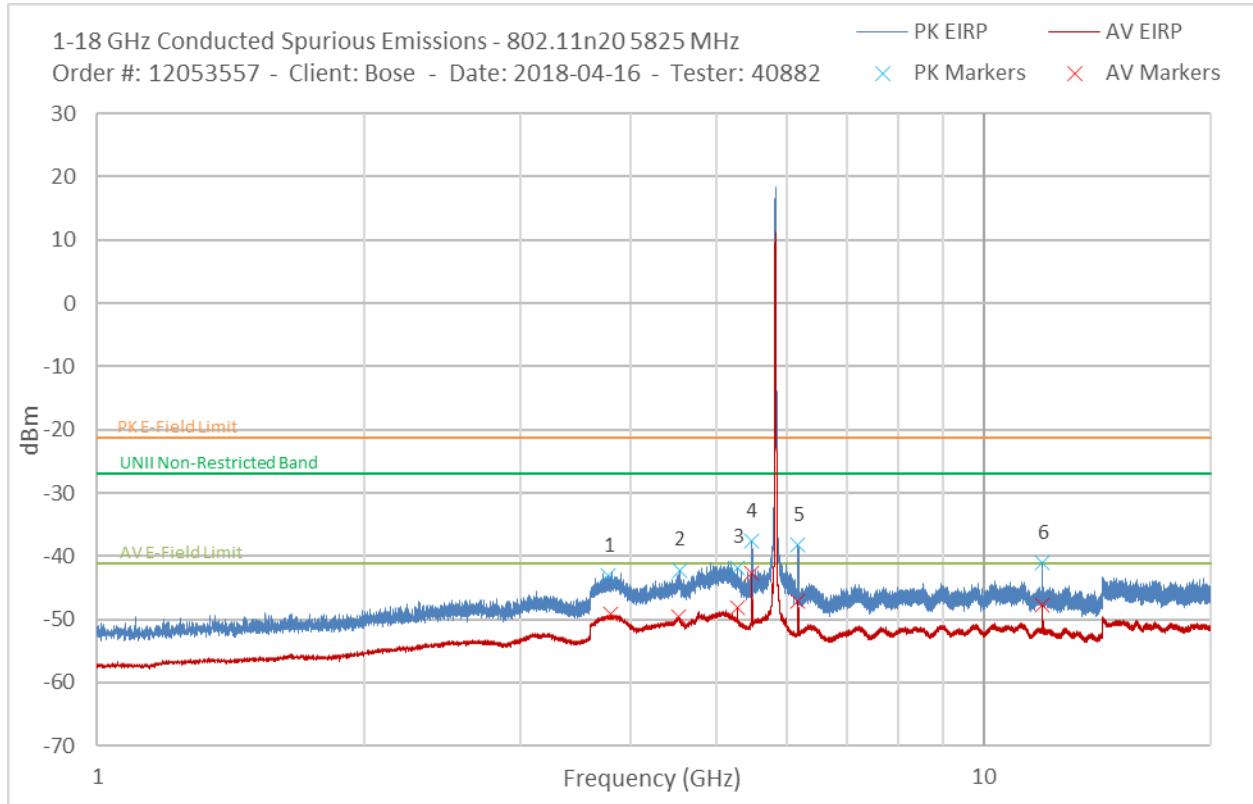
Note 1: This frequency is a -352MHz offset of the fundamental and is only located on chain 0. Therefore, array gain is not added to the EIRP reading.

Average Scan Tabular Data

#	Frequency (MHz)	Meter AV Corrected Reading Chain 0 (dBm)	Meter AV Corrected Reading Chain 1 (dBm)	AG Chain 0 (dBi)	AG Chain 1 (dBi)	Array Gain (dBi)	DCCF (dB)	AV EIRP (dBm)	AV E-field Limit (dBm)	AV E-field Margin (dB)
1	3759.10	-60.57	-60.70	2.16	2.16	3.01	3.27	-49.19	-41.20	-7.99
2	4524.10	-60.51	-61.80	2.16	2.16	3.01	3.27	-49.66	-41.20	-8.46
3	5280.60	-57.70	-61.98	2.16	2.16	3.01	3.27	-47.88	-41.20	-6.68
4	5433.60	-48.02	-61.50	2.16	2.16	0.00 ¹	3.27	-42.40	-41.20	-1.20
5	6137.83	-56.42	-62.10	2.16	2.16	3.01	3.27	-46.94	-41.20	-5.74
6	11570.60	-58.92	-57.20	2.16	2.16	3.01	3.27	-46.52	-41.20	-5.32

Note 1: This frequency is a -352MHz offset of the fundamental and is only located on chain 0. Therefore, array gain is not added to the EIRP reading.

9.4.6. 802.11n HT20 MODE IN THE 5.8GHz BAND – HIGH CHANNEL



Peak Scan Tabular Data

#	Frequency (MHz)	Meter PK Corrected Reading Chain 0 (dBm)	Meter PK Corrected Reading Chain 1 (dBm)	AG Chain 0 (dBi)	AG Chain 1 (dBi)	Array Gain (dBi)	PK EIRP (dBm)	PK E-field Limit (dBm)	PK E-field Margin (dB)	UNII Non-Restricted Band Limit (dBm)	UNII Non-Restricted Band Margin (dBm)
1	3775.25	-50.15	-52.72	2.16	2.16	3.01	-43.06	-21.20	-21.86	-27.00	-16.06
2	4541.95	-48.69	-53.37	2.16	2.16	3.01	-42.24	-21.20	-21.04	-27.00	-15.24
3	5280.60	-48.55	-52.06	2.16	2.16	3.01	-41.77	-21.20	-20.57	-27.00	-14.77
4	5473.55	-40.13	-52.01	2.16	2.16	0.00 ¹	-37.70	-21.20	-16.50	-27.00	-10.70
5	6177.35	-46.90	-45.98	2.16	2.16	3.01	-38.23	-21.20	-17.03	-27.00	-11.23
6	11650.08	-47.88	-51.23	2.16	2.16	3.01	-41.05	-21.20	-19.85	-27.00	-14.05

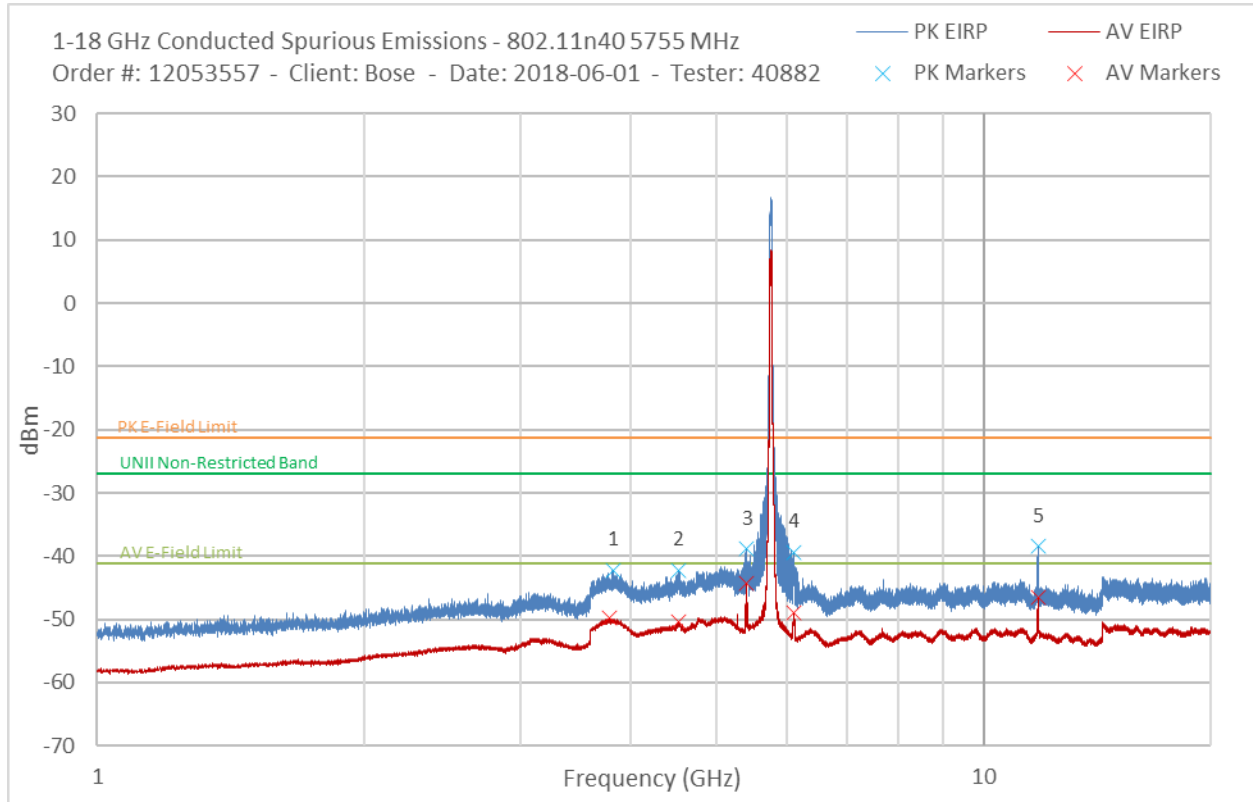
Note 1: This frequency is a -352MHz offset of the fundamental and is only located on chain 0. Therefore, array gain is not added to the EIRP reading.

Average Scan Tabular Data

#	Frequency (MHz)	Meter AV Corrected Reading Chain 0 (dBm)	Meter AV Corrected Reading Chain 1 (dBm)	AG Chain 0 (dBi)	AG Chain 1 (dBi)	Array Gain (dBi)	DCCF (dB)	AV EIRP (dBm)	AV E-field Limit (dBm)	AV E-field Margin (dB)
1	3790.98	-60.88	-60.40	2.16	2.16	3.01	3.27	-49.18	-41.20	-7.98
2	4529.20	-60.34	-61.68	2.16	2.16	3.01	3.27	-49.51	-41.20	-8.31
3	5280.60	-58.21	-61.62	2.16	2.16	3.01	3.27	-48.14	-41.20	-6.94
4	5473.55	-48.31	-61.78	2.16	2.16	0.00 ¹	3.27	-42.69	-41.20	-1.49
5	6177.78	-56.56	-62.55	2.16	2.16	3.01	3.27	-47.15	-41.20	-5.95
6	11650.93	-60.03	-58.63	2.16	2.16	3.01	3.27	-47.83	-41.20	-6.63

Note 1: This frequency is a -352MHz offset of the fundamental and is only located on chain 0. Therefore, array gain is not added to the EIRP reading.

9.4.7. 802.11n HT40 MODE IN THE 5.8GHz BAND – LOW CHANNEL



Peak Scan Tabular Data

#	Frequency (MHz)	Meter PK Corrected Reading Chain 0 (dBm)	Meter PK Corrected Reading Chain 1 (dBm)	AG Chain 0 (dBi)	AG Chain 1 (dBi)	Array Gain (dBi)	PK EIRP (dBm)	PK E-field Limit (dBm)	PK E-field Margin (dB)	UNII Non-Restricted Band Limit (dBm)	UNII Non-Restricted Band Margin (dBm)
1	3814.78	-49.80	-51.12	2.16	2.16	3.01	-42.23	-21.20	-21.03	-27.00	-15.23
2	4529.63	-48.51	-53.66	2.16	2.16	3.01	-42.18	-21.20	-20.98	-27.00	-15.18
3	5403.85	-41.89	-48.26	2.16	2.16	0.00 ¹	-38.82	-21.20	-17.62	-27.00	-11.82
4	6108.50	-48.06	-47.03	2.16	2.16	3.01	-39.33	-21.20	-18.13	-27.00	-12.33
5	11514.93	-48.61	-45.30	2.16	2.16	3.01	-38.47	-21.20	-17.27	-27.00	-11.47

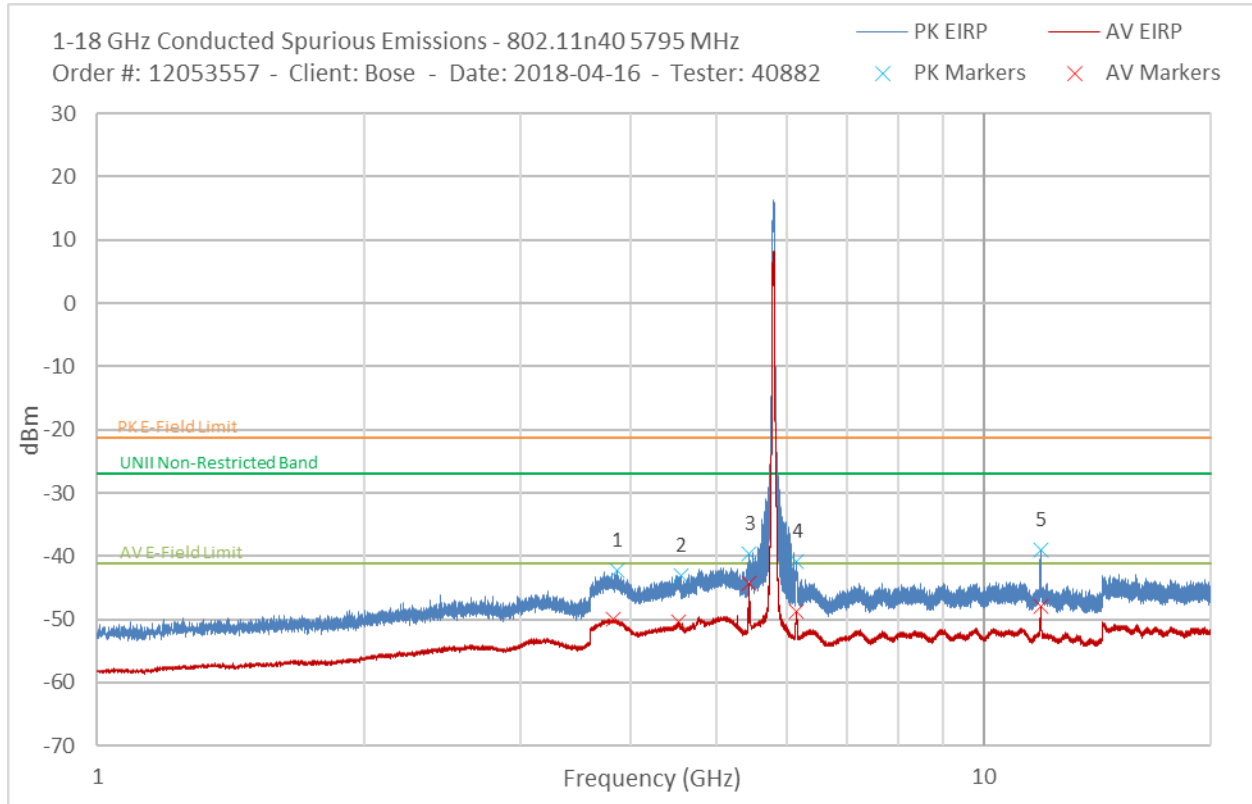
Note 1: This frequency is a -352MHz offset of the fundamental and is only located on chain 0. Therefore, array gain is not added to the EIRP reading.

Average Scan Tabular Data

#	Frequency (MHz)	Meter AV Corrected Reading Chain 0 (dBm)	Meter AV Corrected Reading Chain 1 (dBm)	AG Chain 0 (dBi)	AG Chain 1 (dBi)	Array Gain (dBi)	DCCF (dB)	AV EIRP (dBm)	AV E-field Limit (dBm)	AV E-field Margin (dB)
1	3783.33	-60.55	-60.60	2.16	2.16	3.01	2.52	-49.87	-41.20	-8.67
2	4528.35	-60.70	-61.61	2.16	2.16	3.01	2.52	-50.43	-41.20	-9.23
3	5403.85	-49.29	-61.53	2.16	2.16	0.00 ¹	2.52	-44.36	-41.20	-3.16
4	6107.65	-58.10	-62.38	2.16	2.16	3.01	2.52	-49.03	-41.20	-7.83
5	11510.68	-57.77	-56.81	2.16	2.16	3.01	2.52	-46.56	-41.20	-5.36

Note 1: This frequency is a -352MHz offset of the fundamental and is only located on chain 0. Therefore, array gain is not added to the EIRP reading.

9.4.8. 802.11n HT40 MODE IN THE 5.8GHz BAND – HIGH CHANNEL



Peak Scan Tabular Data

#	Frequency (MHz)	Meter PK Corrected Reading Chain 0 (dBm)	Meter PK Corrected Reading Chain 1 (dBm)	AG Chain 0 (dBi)	AG Chain 1 (dBi)	Array Gain (dBi)	PK EIRP (dBm)	PK E-field Limit (dBm)	PK E-field Margin (dB)	UNII Non-Restricted Band Limit (dBm)	UNII Non-Restricted Band Margin (dBm)
1	3859.83	-50.41	-50.68	2.16	2.16	3.01	-42.36	-21.20	-21.16	-27.00	-15.36
2	4551.30	-50.73	-51.96	2.16	2.16	3.01	-43.12	-21.20	-21.92	-27.00	-16.12
3	5443.80	-42.39	-51.48	2.16	2.16	0.00 ¹	-39.72	-21.20	-18.52	-27.00	-12.72
4	6153.98	-49.98	-48.27	2.16	2.16	3.01	-40.86	-21.20	-19.66	-27.00	-13.86
5	11590.15	-47.26	-47.21	2.16	2.16	3.01	-39.05	-21.20	-17.85	-27.00	-12.05

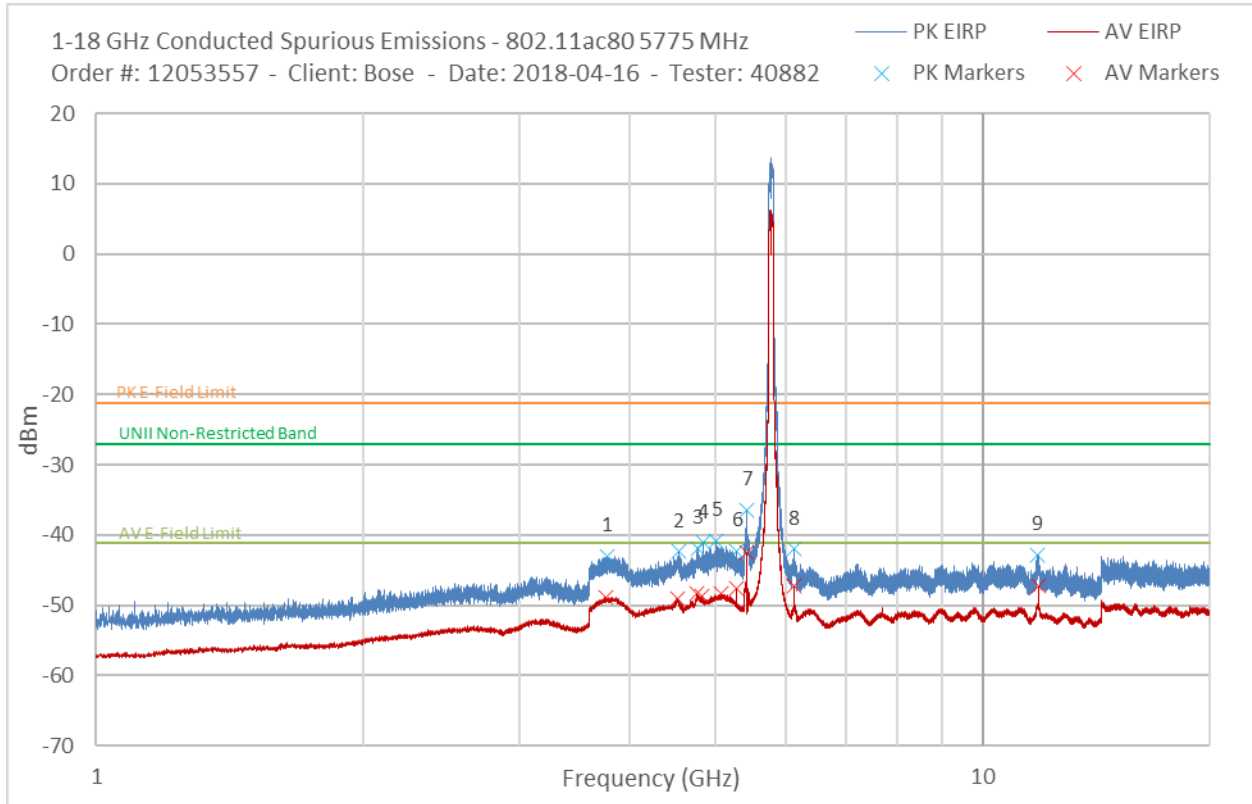
Note 1: This frequency is a -352MHz offset of the fundamental and is only located on chain 0. Therefore, array gain is not added to the EIRP reading.

Average Scan Tabular Data

#	Frequency (MHz)	Meter AV Corrected Reading Chain 0 (dBm)	Meter AV Corrected Reading Chain 1 (dBm)	AG Chain 0 (dBi)	AG Chain 1 (dBi)	Array Gain (dBi)	DCCF (dB)	AV EIRP (dBm)	AV E-field Limit (dBm)	AV E-field Margin (dB)
1	3824.98	-60.74	-60.72	2.16	2.16	3.01	2.52	-50.03	-41.20	-8.83
2	4526.65	-60.71	-61.61	2.16	2.16	3.01	2.52	-50.44	-41.20	-9.24
3	5443.80	-49.14	-61.43	2.16	2.16	0.00 ¹	2.52	-44.21	-41.20	-3.01
4	6147.60	-57.81	-62.34	2.16	2.16	3.01	2.52	-48.81	-41.20	-7.61
5	11590.58	-59.46	-58.12	2.16	2.16	3.01	2.52	-48.04	-41.20	-6.84

Note 1: This frequency is a -352MHz offset of the fundamental and is only located on chain 0. Therefore, array gain is not added to the EIRP reading.

9.4.9. 802.11ac VHT80 MODE IN THE 5.8GHz BAND



Peak Scan Tabular Data

#	Frequency (MHz)	Meter PK Corrected Reading Chain 0 (dBm)	Meter PK Corrected Reading Chain 1 (dBm)	AG Chain 0 (dBi)	AG Chain 1 (dBi)	Array Gain (dBi)	PK EIRP (dBm)	PK E-field Limit (dBm)	PK E-field Margin (dB)	UNII Non-Restricted Band Limit (dBm)	UNII Non-Restricted Band Margin (dBm)
1	3768.45	-51.04	-51.22	2.16	2.16	3.01	-42.94	-21.20	-21.74	-27.00	-15.94
2	4538.55	-51.14	-49.89	2.16	2.16	3.01	-42.29	-21.20	-21.09	-27.00	-15.29
3	4776.98	-49.17	-51.22	2.16	2.16	3.01	-41.89	-21.20	-20.69	-27.00	-14.89
4	4831.38	-49.89	-48.63	2.16	2.16	3.01	-41.03	-21.20	-19.83	-27.00	-14.03
5	5007.75	-47.77	-50.65	2.16	2.16	3.01	-40.79	-21.20	-19.59	-27.00	-13.79
6	5280.60	-48.92	-52.71	2.16	2.16	3.01	-42.23	-21.20	-21.03	-27.00	-15.23
7	5423.40	-42.20	-50.53	2.16	2.16	3.01	-36.43	-21.20	-15.23	-27.00	-9.43
8	6127.63	-48.43	-53.02	2.16	2.16	3.01	-41.96	-21.20	-20.76	-27.00	-14.96
9	11527.68	-50.11	-52.01	2.16	2.16	3.01	-42.77	-21.20	-21.57	-27.00	-15.77

Average Scan Tabular Data

#	Frequency (MHz)	Meter AV Corrected Reading Chain 0 (dBm)	Meter AV Corrected Reading Chain 1 (dBm)	AG Chain 0 (dBi)	AG Chain 1 (dBi)	Array Gain (dBi)	DCCF (dB)	AV EIRP (dBm)	AV E-field Limit (dBm)	AV E-field Margin (dB)
1	3751.88	-60.68	-60.64	2.16	2.16	3.01	3.62	-48.85	-41.20	-7.65
2	4532.60	-60.16	-61.57	2.16	2.16	3.01	3.62	-49.00	-41.20	-7.80
3	4766.35	-60.00	-60.10	2.16	2.16	3.01	3.62	-48.24	-41.20	-7.04
4	4830.53	-60.45	-60.72	2.16	2.16	3.01	3.62	-48.78	-41.20	-7.58
5	5061.73	-60.41	-59.98	2.16	2.16	3.01	3.62	-48.39	-41.20	-7.19
6	5280.60	-57.71	-61.90	2.16	2.16	3.01	3.62	-47.52	-41.20	-6.32
7	5423.83	-48.60	-60.52	2.16	2.16	0.00	3.62	-42.55	-41.20	-1.35
8	6127.63	-57.29	-61.94	2.16	2.16	3.01	3.62	-47.22	-41.20	-6.02
9	11550.63	-59.56	-58.71	2.16	2.16	3.01	3.62	-47.31	-41.20	-6.11

10. RADIATED TEST RESULTS

10.1. LIMITS AND PROCEDURE

LIMITS

FCC §15.205 and §15.209

RSS 247 Issue 2 Sections

6.2.1.2 (for 5150-5250 MHz band)

6.2.2.2 (for 5250-5350 MHz band)

6.2.3.2 (for 5470-5600 MHz and 5650-5725 MHz bands)

6.2.4.2 (for 5725-5850 MHz band)

Frequency Range (MHz)	Field Strength Limit (uV/m) at 3 m	Field Strength Limit (dBuV/m) at 3 m
0.009-0.490	2400/F(kHz) @ 300 m	-
0.490-1.705	24000/F(kHz) @ 30 m	-
1.705 - 30	30 @ 30m	-
30 - 88	100	40
88 - 216	150	43.5
216 - 960	200	46
Above 960	500	54

TEST PROCEDURE

The EUT is placed on a non-conducting table 80 cm above the ground plane for below 1GHz measurements and 1.5 m above the ground plane for above 1GHz measurements. The antenna to EUT distance is 3 meters.

For measurements below 1 GHz the resolution bandwidth is set to 120 kHz for peak detection measurements or 120 kHz for quasi-peak detection measurements for the 30-1000 MHz range, 9 kHz for peak detection measurements or 9 kHz for quasi-peak detection measurements for the 0.15-30 MHz range and 200 Hz for peak detection measurements or 200 Hz for quasi-peak detection measurements for the 9 to 150 kHz range. Peak detection is used unless otherwise noted as quasi-peak.

For peak measurements above 1 GHz, the resolution bandwidth is set to 1 MHz and the video bandwidth is set to 3 MHz. For average measurements above 1GHz, the resolution bandwidth and video bandwidth are set as described in ANSI C63.10:2013 for the applicable measurement. The particular averaging method used for this test program was by RMS Averaging.

The spectrum from 1 to 18 GHz is investigated with the transmitter set to the lowest, middle, and highest channels in each applicable band. For below 1GHz and above 18 GHz, the worst-case channel was measured.

The frequency range of interest is monitored at a fixed antenna height and EUT azimuth. The EUT is rotated through 360 degrees to maximize emissions received. The antenna is scanned from 1 to 4 meters above the ground plane to further maximize the emission. Measurements are made with the antenna polarized in both the vertical and the horizontal positions.

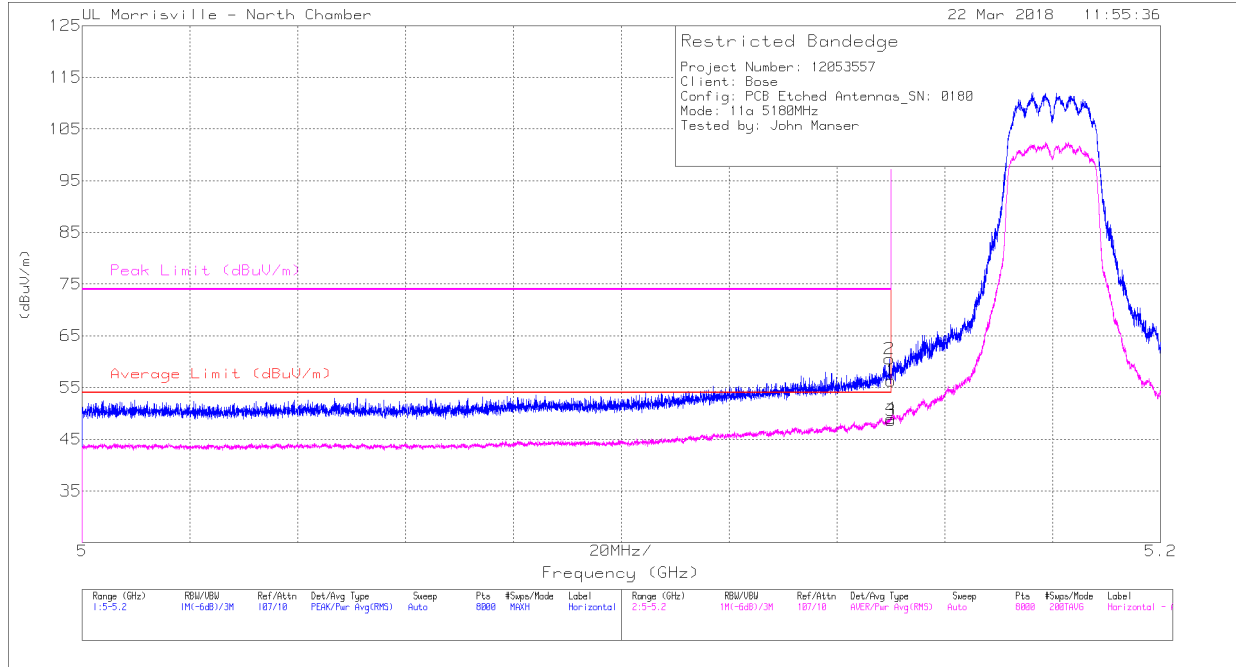
All radiated spurious emissions was performed with the antenna ports terminated to supplement conducted spurious emissions and was performed at lowest data rate as this yielded same or worst-case power and PSD as highest data rate. All bandedge testing was performed at both data rates except where noted (refer to the 5.8 GHz section for more details).

Additionally, all radiated spurious testing was performed with all channels set at the worst-case mid channel settings to yield worst-case results for low and high channels.

10.2. TRANSMITTER ABOVE 1 GHz

10.3. TX ABOVE 1 GHz 802.11a MODE IN THE 5.2 GHz BAND

RESTRICTED BANDEDGE (LOW CHANNEL) HORIZONTAL 6Mbps PCB ANTENNA



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AT0069 AF (dB/m)	Amp/Cbl/Filtr/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	*** 5.15	44.92	Pk	34.1	-22.7	0	56.32	-	-	74	-17.68	167	140	H
2	*** 5.15	49.15	Pk	34.1	-22.7	0	60.55	-	-	74	-13.45	167	140	H
3	*** 5.15	34.08	RMS	34.1	-22.7	3.41	48.89	54	-5.11	-	-	167	140	H
4	*** 5.15	34.46	RMS	34.1	-22.7	3.41	49.27	54	-4.73	-	-	167	140	H

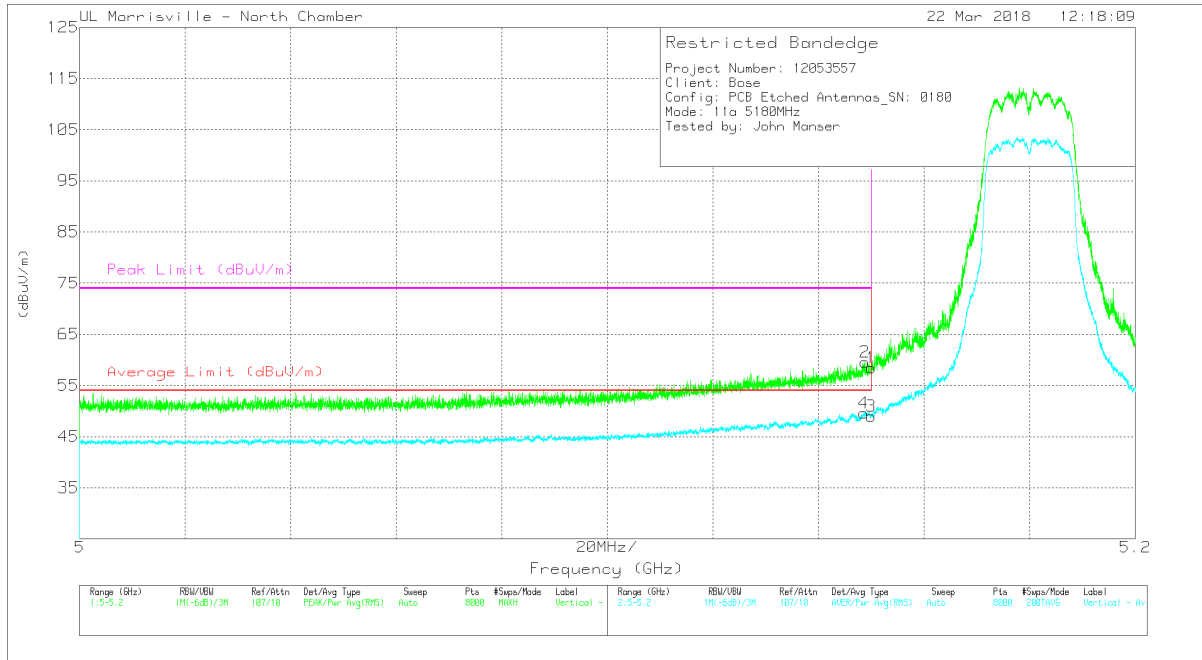
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

** - indicates frequency in Taiwan NCC LP0002 Restricted Band

Pk - Peak detector

RMS - RMS detection

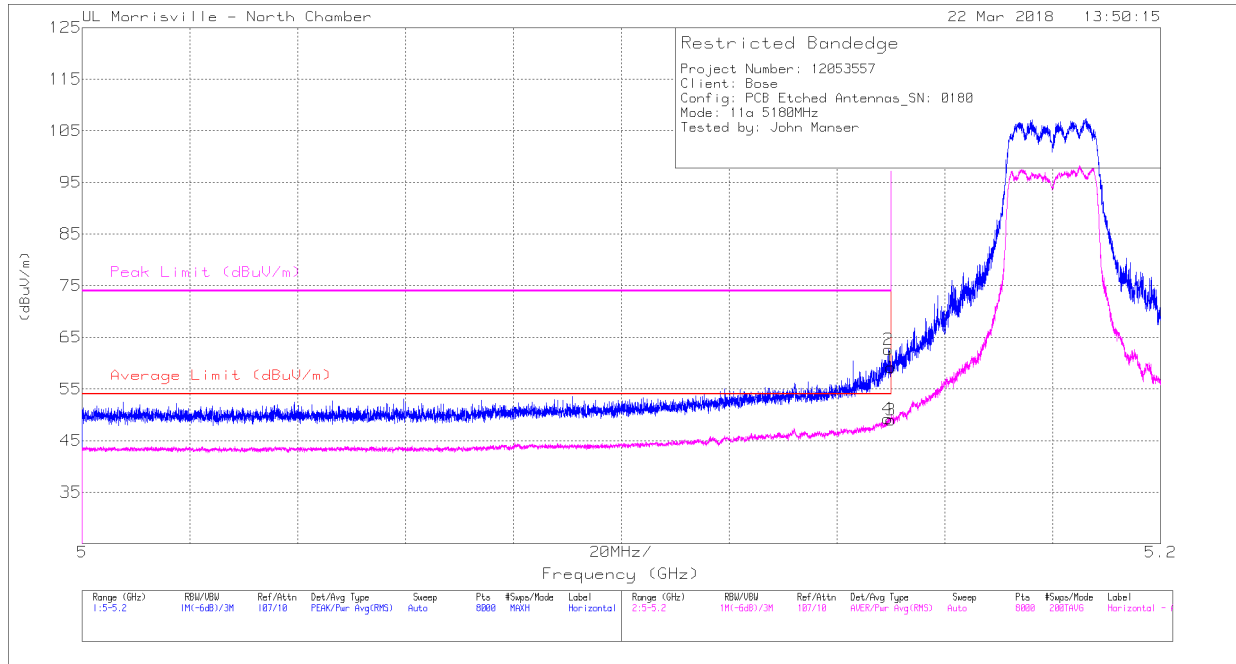
RESTRICTED BANDEDGE (LOW CHANNEL) VERTICAL 6Mbps PCB ANTENNA



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AT0069 AF (dB/m)	Amp/Cbl/Filtr/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	*** 5.15	47.03	Pk	34.1	-22.7	0	58.43	-	-	74	-15.57	28	113	V
2	*** 5.149	48.12	Pk	34.1	-22.7	0	59.52	-	-	74	-14.48	28	113	V
3	*** 5.15	34.48	RMS	34.1	-22.7	3.41	49.29	54	-4.71	-	-	28	113	V
4	*** 5.149	35.08	RMS	34.1	-22.7	3.41	49.89	54	-4.11	-	-	28	113	V

* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band
 ** - indicates frequency in Taiwan NCC LP0002 Restricted Band
 Pk - Peak detector
 RMS - RMS detection

RESTRICTED BANDEDGE (LOW CHANNEL) HORIZONTAL 54Mbps PCB ANTENNA



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AT0069 AF (dB/m)	Amp/Cbl/Filtr/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	*** 5.15	47.77	Pk	34.1	-22.7	0	59.17	-	-	74	-14.83	249	116	H
2	*** 5.149	51.22	Pk	34.1	-22.7	0	62.62	-	-	74	-11.38	249	116	H
3	*** 5.15	34.49	RMS	34.1	-22.7	3.41	49.3	54	-4.7	-	-	249	116	H
4	*** 5.149	34.73	RMS	34.1	-22.7	3.41	49.54	54	-4.46	-	-	249	116	H

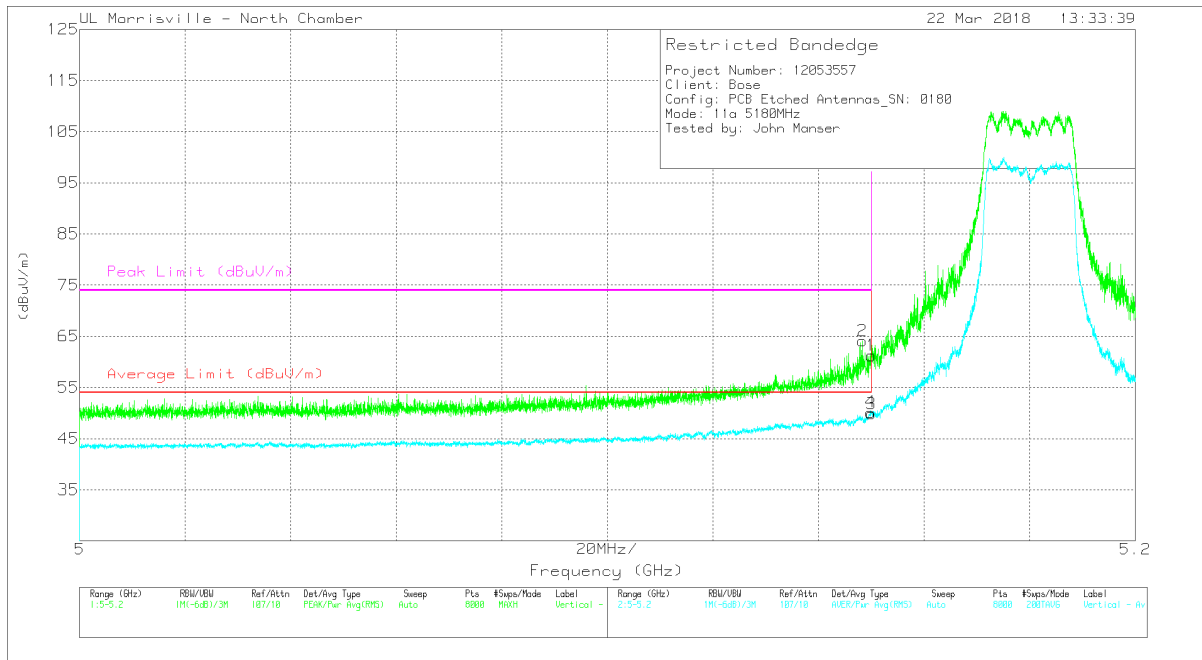
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

** - indicates frequency in Taiwan NCC LP0002 Restricted Band

Pk - Peak detector

RMS - RMS detection

RESTRICTED BANDEDGE (LOW CHANNEL) VERTICAL 54Mbps PCB ANTENNA



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AT0069 AF (dB/m)	Amp/Cbl/Filtr/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* ** 5.15	49.83	Pk	34.1	-22.7	0	61.23	-	-	74	-12.77	78	103	V
2	* ** 5.148	52.73	Pk	34.1	-22.7	0	64.13	-	-	74	-9.87	78	103	V
3	* ** 5.15	35.32	RMS	34.1	-22.7	3.41	50.13	54	-3.87	-	-	78	103	V
4	* ** 5.15	35.64	RMS	34.1	-22.7	3.41	50.45	54	-3.55	-	-	78	103	V

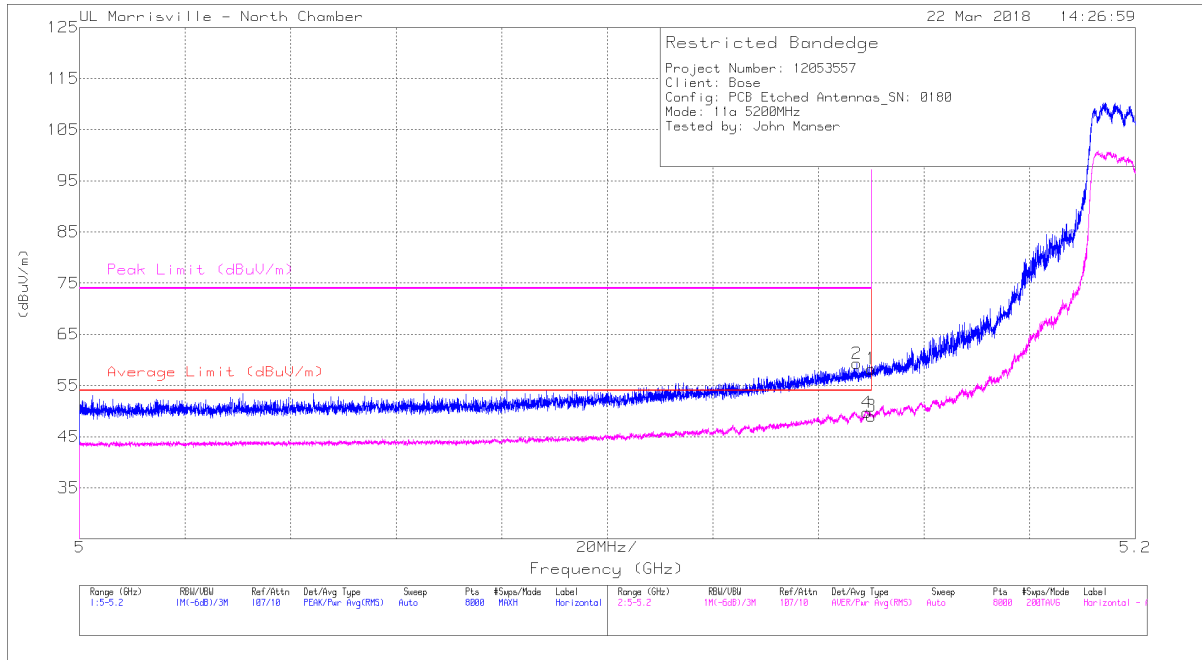
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

** - indicates frequency in Taiwan NCC LP0002 Restricted Band

Pk - Peak detector

RMS - RMS detection

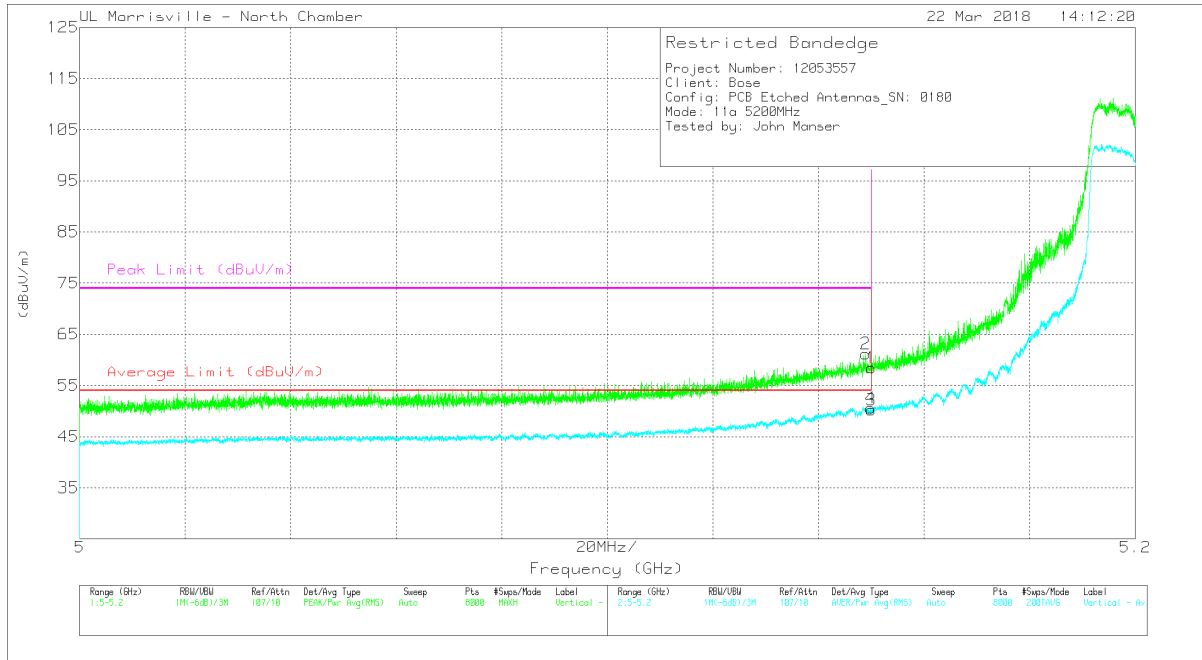
RESTRICTED BANDEDGE (5200 MHz) HORIZONTAL 54Mbps PCB ANTENNA



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AT0069 AF (dB/m)	Amp/Cbl/Filtr/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	*** 5.15	46.86	Pk	34.1	-22.7	0	58.26	-	-	74	-15.74	29	220	H
2	*** 5.147	47.83	Pk	34.1	-22.6	0	59.33	-	-	74	-14.67	29	220	H
3	*** 5.15	34.52	RMS	34.1	-22.7	3.41	49.33	54	-4.67	-	-	29	220	H
4	*** 5.149	35.17	RMS	34.1	-22.7	3.41	49.98	54	-4.02	-	-	29	220	H

* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band
 ** - indicates frequency in Taiwan NCC LP0002 Restricted Band
 Pk - Peak detector
 RMS - RMS detection

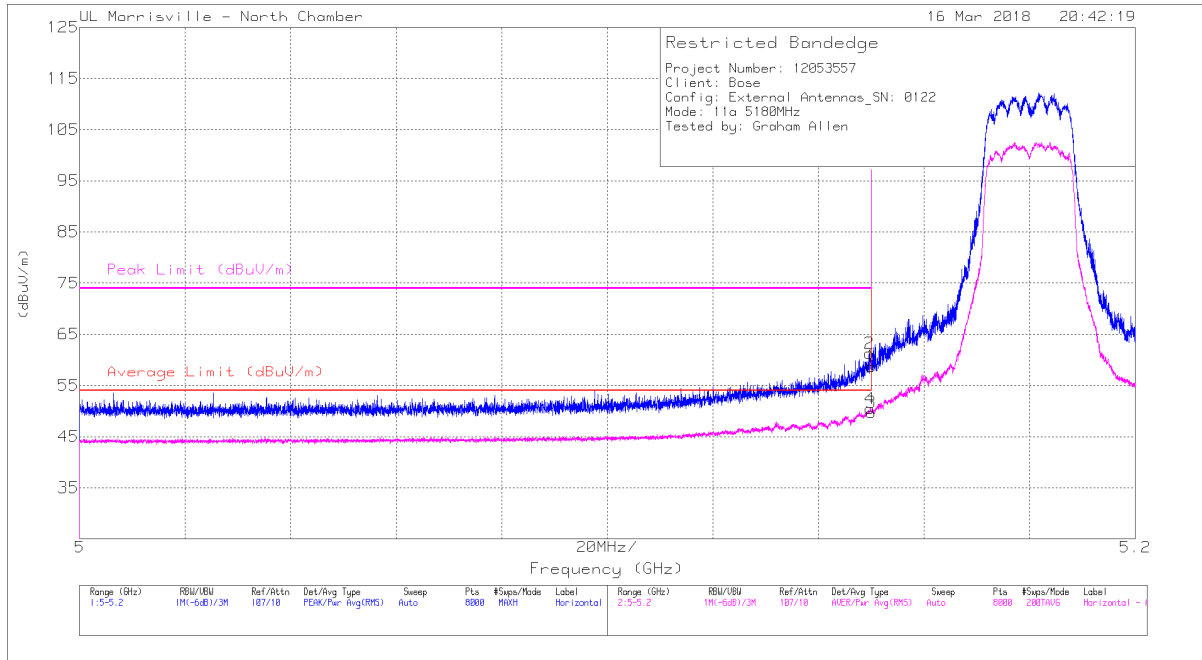
RESTRICTED BANDEDGE (5200 MHz) VERTICAL 54Mbps PCB ANTENNA



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AT0069 AF (dB/m)	Amp/Cbl/Filtr/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	*** 5.15	47.02	Pk	34.1	-22.7	0	58.42	-	-	74	-15.58	152	226	V
2	*** 5.149	49.79	Pk	34.1	-22.7	0	61.19	-	-	74	-12.81	152	226	V
3	*** 5.15	35.73	RMS	34.1	-22.7	3.41	50.54	54	-3.46	-	-	152	226	V
4	*** 5.15	36.08	RMS	34.1	-22.7	3.41	50.89	54	-3.11	-	-	152	226	V

* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band
 ** - indicates frequency in Taiwan NCC LP0002 Restricted Band
 Pk - Peak detector
 RMS - RMS detection

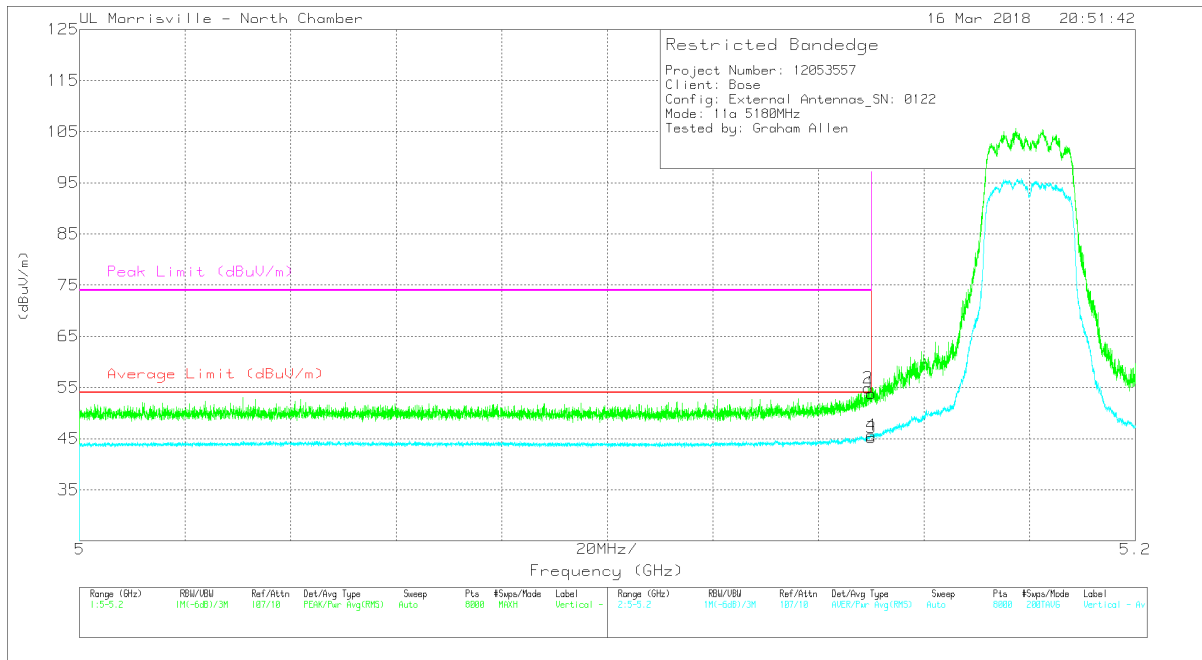
RESTRICTED BANDEDGE (LOW CHANNEL) HORIZONTAL 6Mbps EXTERNAL ANTENNA



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AT0072 AF (dB/m)	Amp/Cbl/Filtr/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* ** 5.15	46.75	Pk	34.3	-22.3	0	58.75	-	-	74	-15.25	43	260	H
2	* ** 5.15	49.31	Pk	34.3	-22.3	0	61.31	-	-	74	-12.69	43	260	H
3	* ** 5.15	34.6	RMS	34.3	-22.3	3.41	50.01	54	-3.99	-	-	43	260	H
4	* ** 5.15	35.34	RMS	34.3	-22.3	3.41	50.75	54	-3.25	-	-	43	260	H

* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band
 ** - indicates frequency in Taiwan NCC LP0002 Restricted Band
 Pk - Peak detector
 RMS - RMS detection

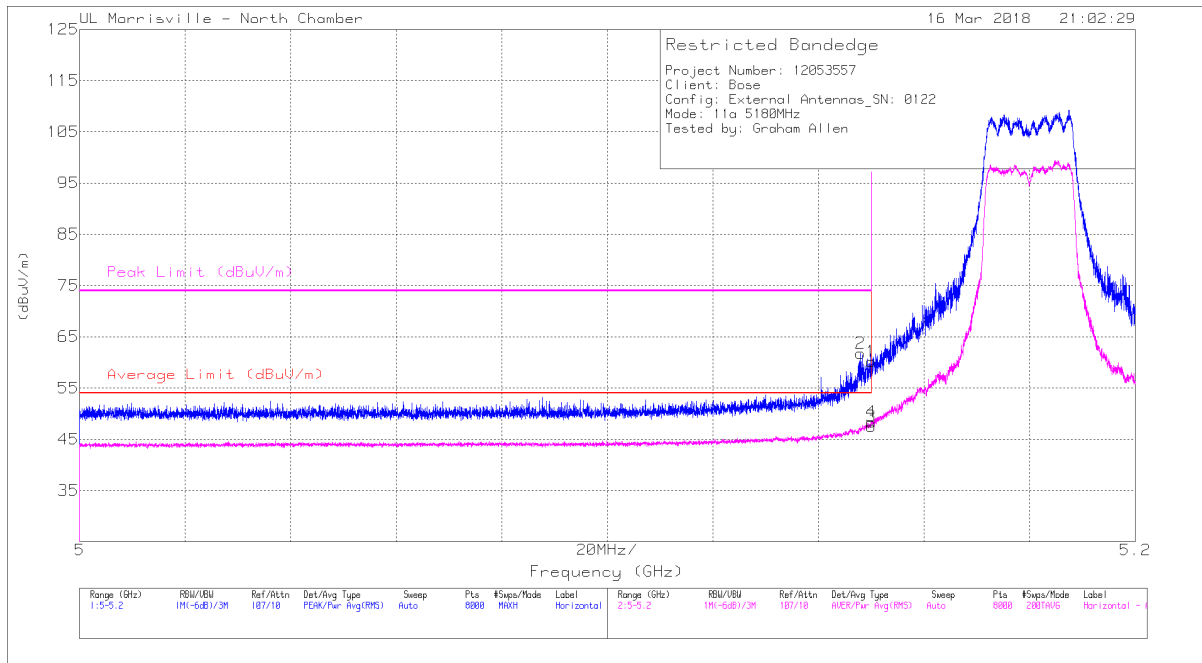
RESTRICTED BANDEDGE (LOW CHANNEL) VERTICAL 6Mbps EXTERNAL ANTENNA



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AT0072 AF (dB/m)	Amp/Cbl/Filtr/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* ** 5.15	41.85	Pk	34.3	-22.3	0	53.85	-	-	74	-20.15	343	366	V
2	* ** 5.149	42.86	Pk	34.3	-22.3	0	54.86	-	-	74	-19.14	343	366	V
3	* ** 5.15	30.04	RMS	34.3	-22.3	3.41	45.45	54	-8.55	-	-	343	366	V
4	* ** 5.15	30.51	RMS	34.3	-22.3	3.41	45.92	54	-8.08	-	-	343	366	V

* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band
 ** - indicates frequency in Taiwan NCC LP0002 Restricted Band
 Pk - Peak detector
 RMS - RMS detection

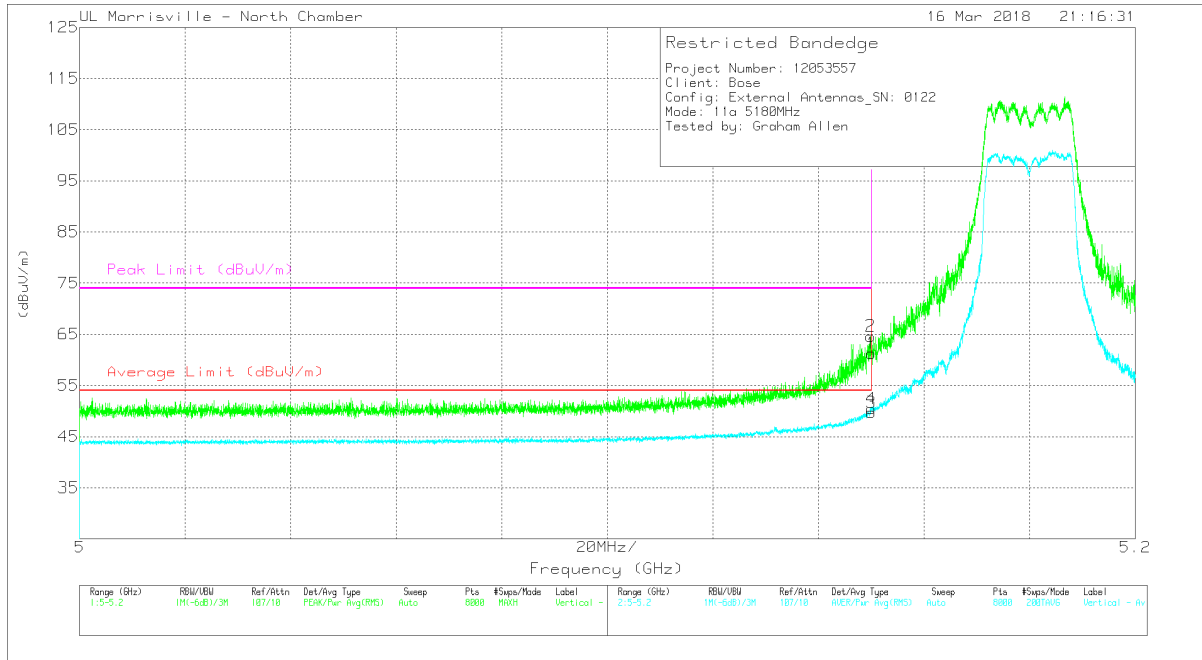
RESTRICTED BANDEDGE (LOW CHANNEL) HORIZONTAL 54Mbps EXTERNAL ANTENNA



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AT0072 AF (dB/m)	Amp/Cbl/Filtr/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* ** 5.15	48.16	Pk	34.3	-22.3	0	60.16	-	-	74	-13.84	234	247	H
2	* ** 5.148	49.74	Pk	34.3	-22.3	0	61.74	-	-	74	-12.26	234	247	H
3	* ** 5.15	32.37	RMS	34.3	-22.3	3.41	47.78	54	-6.22	-	-	234	247	H
4	* ** 5.15	33.26	RMS	34.3	-22.3	3.41	48.67	54	-5.33	-	-	234	247	H

* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band
 ** - indicates frequency in Taiwan NCC LP0002 Restricted Band
 Pk - Peak detector
 RMS - RMS detection

RESTRICTED BANDEDGE (LOW CHANNEL) VERTICAL 54Mbps EXTERNAL ANTENNA

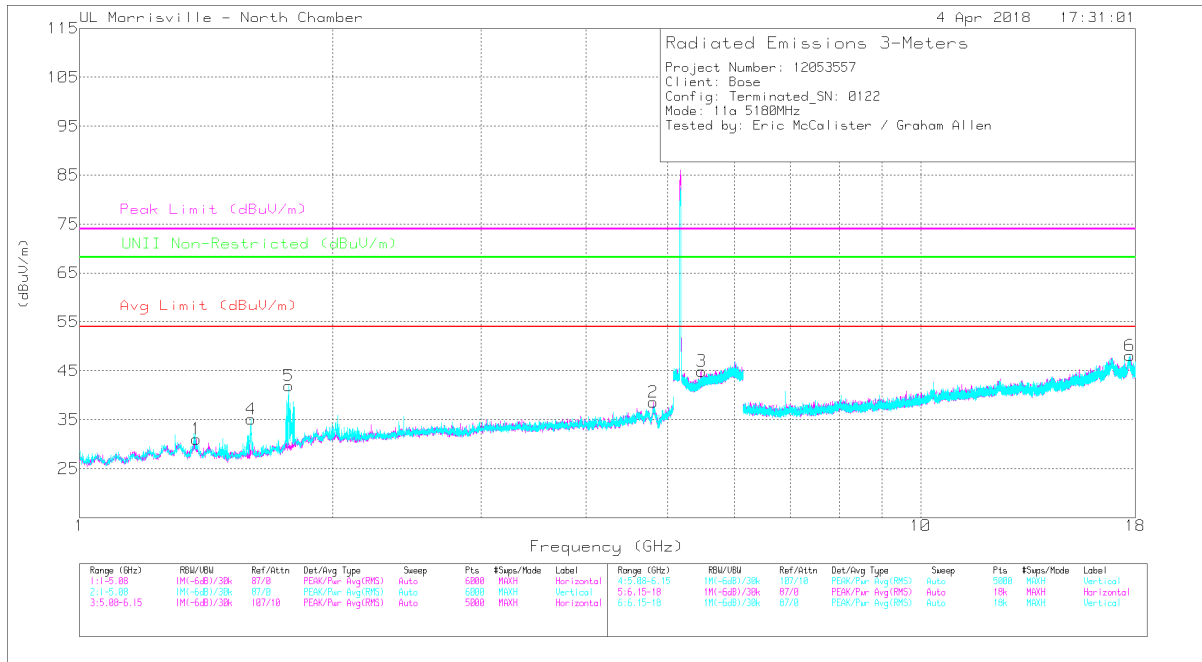


Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AT0072 AF (dB/m)	Amp/Cbl/Filtr/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	*** 5.15	49.28	Pk	34.3	-22.3	0	61.28	-	-	74	-12.72	142	212	V
2	*** 5.15	52.64	Pk	34.3	-22.3	0	64.64	-	-	74	-9.36	142	212	V
3	*** 5.15	34.59	RMS	34.3	-22.3	3.41	50	54	-4	-	-	142	212	V
4	*** 5.15	35.37	RMS	34.3	-22.3	3.41	50.78	54	-3.22	-	-	142	212	V

* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band
 ** - indicates frequency in Taiwan NCC LP0002 Restricted Band
 Pk - Peak detector
 RMS - RMS detection

HARMONICS AND SPURIOUS EMISSIONS

LOW CHANNEL



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AT0072 AF (dB/m)	Amp/Cbl/Filtr/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	*** 1.376	44.18	PK-U	29	-36.2	0	36.98	-	-	74	-37.02	-	-	60	245	H
	*** 1.373	31.8	ADR	29	-36.2	3.41	28.01	54	-25.99	-	-	-	-	60	245	H
2	*** 4.808	41	PK-U	34.1	-31.1	0	44	-	-	74	-30	-	-	84	304	H
	*** 4.808	29.53	ADR	34.1	-31.1	3.41	35.94	54	-18.06	-	-	-	-	84	304	H
4	*** 1.599	53.12	PK-U	28	-35.9	0	45.22	-	-	74	-28.78	-	-	320	180	V
	*** 1.599	32.24	ADR	28	-35.9	3.41	27.75	54	-26.25	-	-	-	-	320	180	V
6	*** 17.735	34.55	PK-U	41.2	-21	0	54.75	-	-	74	-19.25	-	-	125	191	V
	*** 17.737	22.35	ADR	41.2	-21	3.41	45.96	54	-8.04	-	-	-	-	125	191	V
5	1.772	43.42	PK-U	29.7	-35.8	0	37.32	-	-	-	-	68.2	-30.88	345	103	V
3	5.491	37.97	PK-U	34.5	-23	0	49.47	-	-	-	-	68.2	-18.73	255	399	H

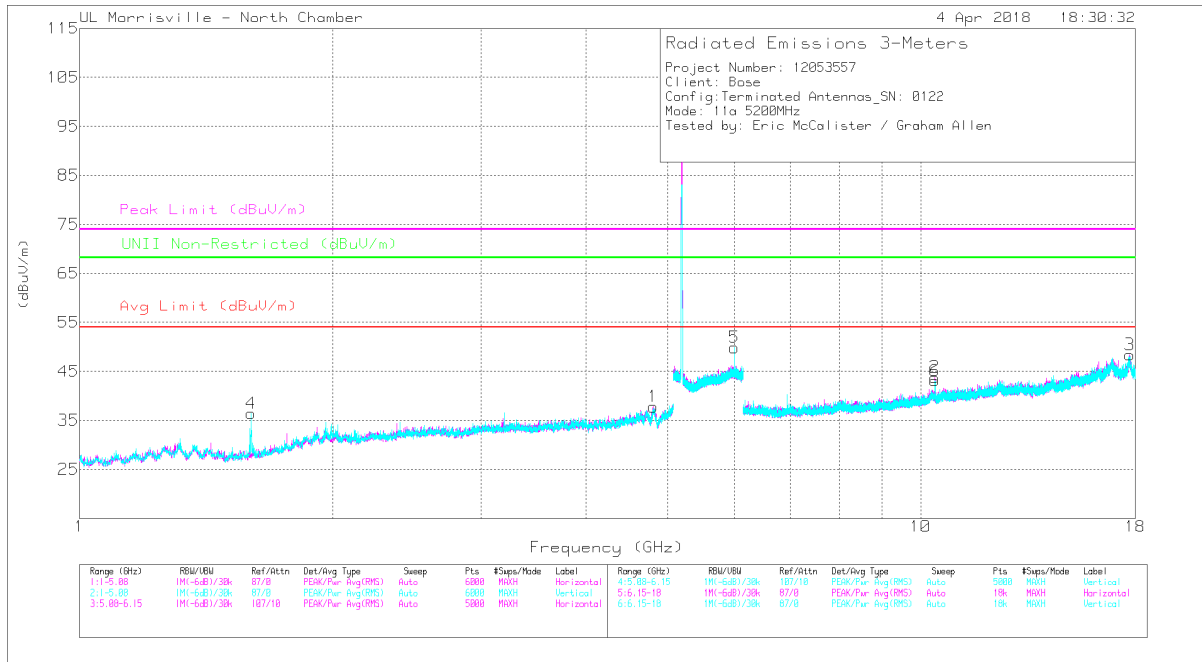
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

** - indicates frequency in Taiwan NCC LP0002 Restricted Band

PK-U - U-NII: Maximum Peak

ADR - U-NII AD primary method, RMS average

MID CHANNEL



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AT0072 AF (dB/m)	Amp/Cbl/Filtr/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* ** 4.804	41.66	PK-U	34.1	-31.1	0	44.66	-	-	74	-29.34	-	-	175	359	H
	* ** 4.806	29.71	ADR	34.1	-31.1	3.41	36.12	54	-17.88	-	-	-	-	175	359	H
4	* ** 1.599	56.12	PK-U	28	-35.8	0	48.32	-	-	74	-25.68	-	-	341	133	V
	* ** 1.598	33.08	ADR	28	-35.9	3.41	28.59	54	-25.41	-	-	-	-	341	133	V
3	* ** 17.735	33.83	PK-U	41.2	-21	0	54.03	-	-	74	-19.97	-	-	246	259	H
	* ** 17.733	22.31	ADR	41.2	-21	3.41	45.92	54	-8.08	-	-	-	-	246	259	H
5	6	38.98	PK-U	35.1	-21.9	0	52.18	-	-	-	-	68.2	-16.02	289	152	V
2	10.399	39.34	PK-U	37.5	-26.4	0	50.44	-	-	-	-	68.2	-17.76	298	108	V
6	10.4	40.52	PK-U	37.5	-26.4	0	51.62	-	-	-	-	68.2	-16.58	314	110	H

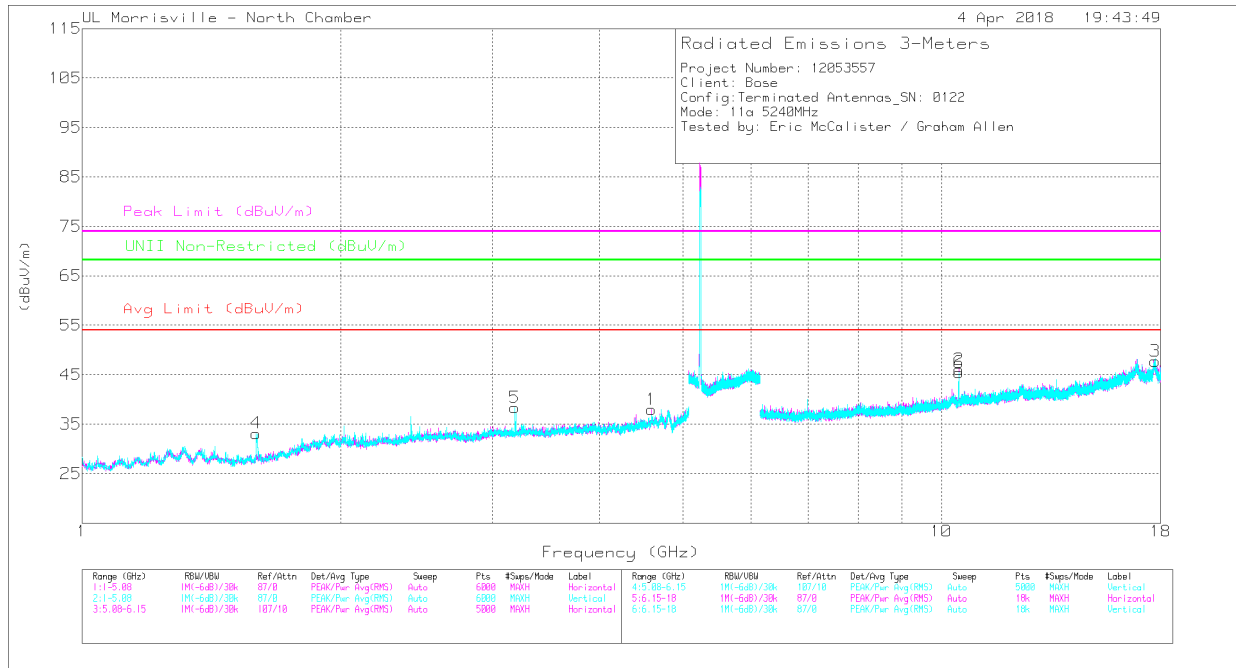
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

** - indicates frequency in Taiwan NCC LP0002 Restricted Band

PK-U - U-NII: Maximum Peak

ADR - U-NII AD primary method, RMS average

HIGH CHANNEL



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AT0072 AF (dB/m)	Amp/Cbl/Filtr/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	*** 4.597	40.65	PK-U	34	-32.3	0	42.35	-	-	74	-31.65	-	-	143	144	H
	*** 4.596	29.21	ADR	34	-32.4	3.41	34.22	54	-19.78	-	-	-	-	143	144	H
4	*** 1.598	53.1	PK-U	28	-35.9	0	45.2	-	-	74	-28.8	-	-	315	146	V
	*** 1.599	32.78	ADR	28	-35.9	3.41	28.29	54	-25.71	-	-	-	-	315	146	V
3	*** 17.735	33.43	PK-U	41.2	-21	0	53.63	-	-	74	-20.37	-	-	0	279	H
	*** 17.737	22.14	ADR	41.2	-21	3.41	45.75	54	-8.25	-	-	-	-	0	279	H
5	3.192	49.36	PK-U	32.9	-33.9	0	48.36	-	-	-	-	68.2	-19.84	313	119	V
6	10.479	40.42	PK-U	37.5	-27.3	0	50.62	-	-	-	-	68.2	-17.58	297	104	V
2	10.49	41.79	PK-U	37.5	-27.3	0	51.99	-	-	-	-	68.2	-16.21	313	119	H

* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

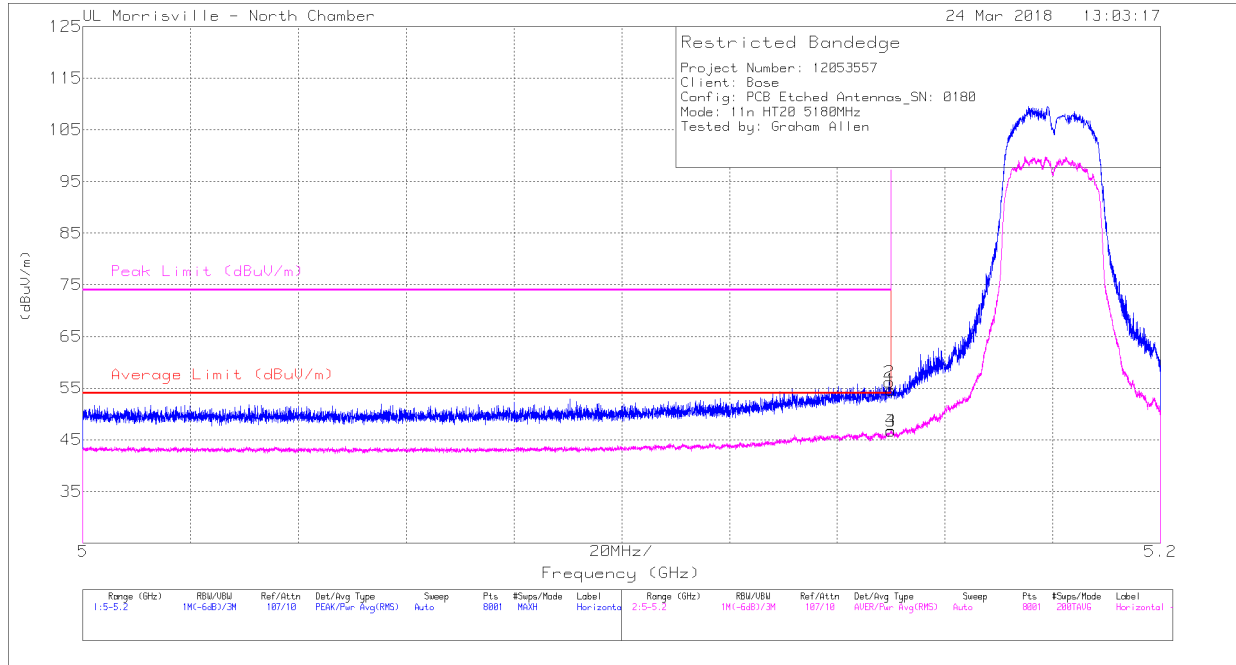
** - indicates frequency in Taiwan NCC LP0002 Restricted Band

PK-U - U-NII: Maximum Peak

ADR - U-NII AD primary method, RMS average

10.4. TX ABOVE 1 GHz 802.11n HT20 MODE IN THE 5.2 GHz BAND

RESTRICTED BANDEDGE (LOW CHANNEL) HORIZONTAL MCS0 PCB ANTENNA



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AT0069 AF (dB/m)	Amp/Cbl/Filtr/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	*** 5.15	43.21	Pk	34.1	-22.7	0	54.61	-	-	74	-19.39	251	134	H
2	*** 5.15	44.74	Pk	34.1	-22.7	0	56.14	-	-	74	-17.86	251	134	H
3	*** 5.15	31.99	RMS	34.1	-22.7	3.27	46.66	54	-7.34	-	-	251	134	H
4	*** 5.15	32.08	RMS	34.1	-22.7	3.27	46.75	54	-7.25	-	-	251	134	H

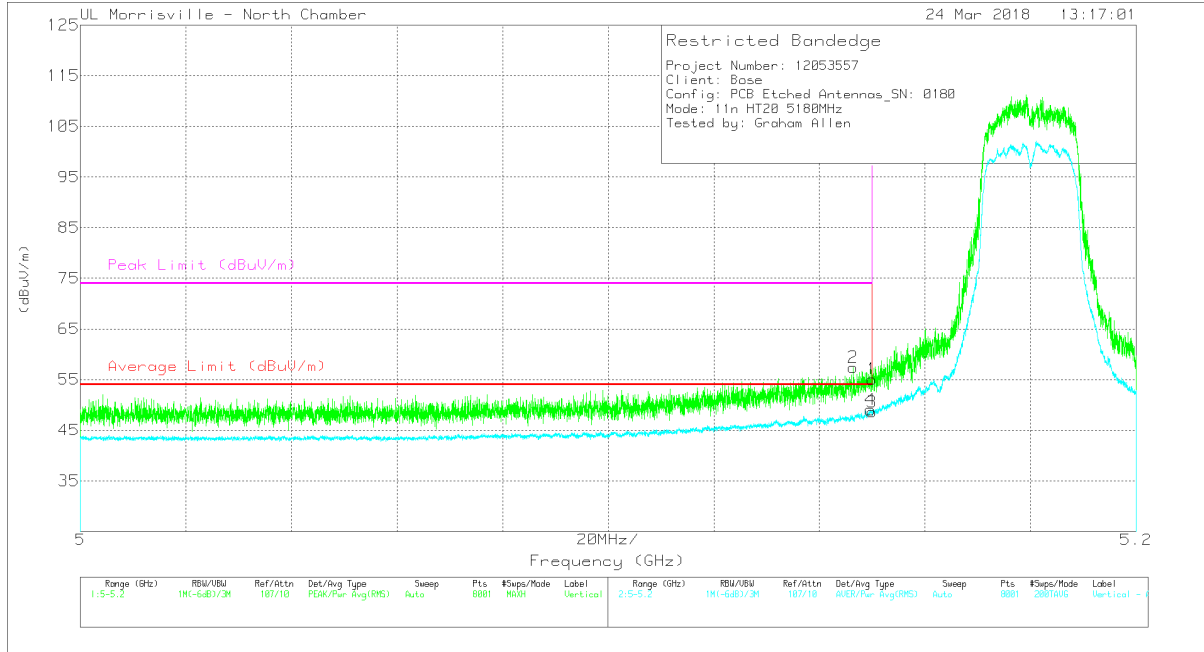
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

** - indicates frequency in Taiwan NCC LP0002 Restricted Band

Pk - Peak detector

RMS - RMS detection

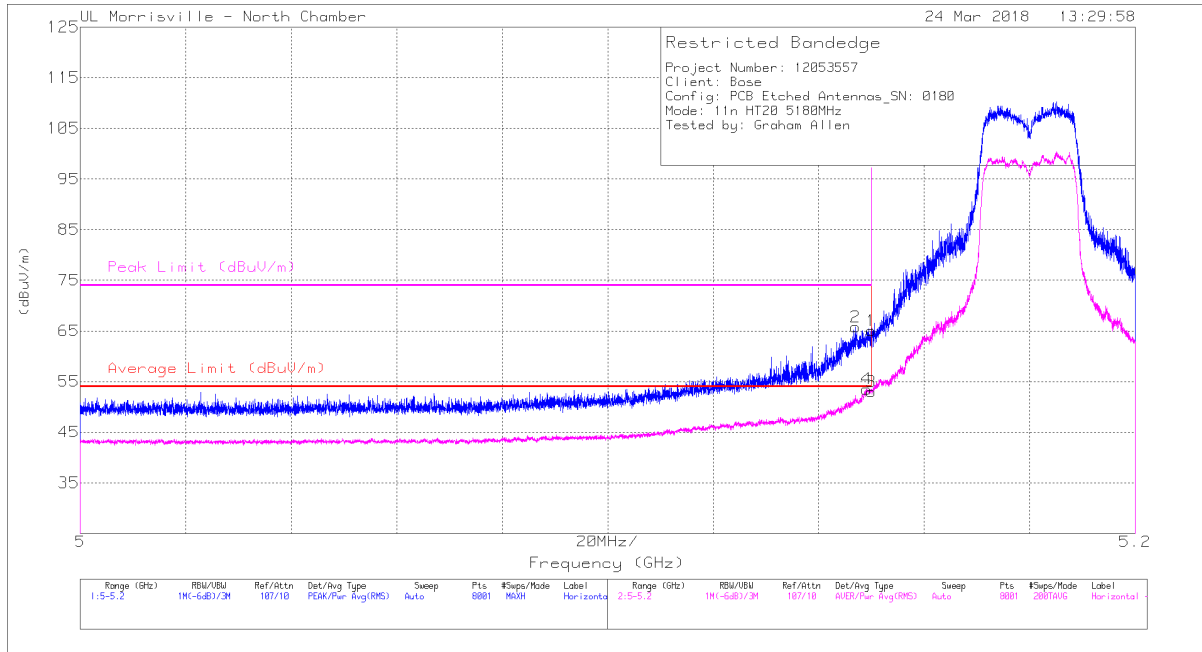
RESTRICTED BANDEDGE (LOW CHANNEL) VERTICAL MCS0 PCB ANTENNA



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AT0069 AF (dB/m)	Amp/Cbl/Filtr/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* ** 5.15	43.73	Pk	34.1	-22.7	0	55.13	-	-	74	-18.87	104	114	V
2	* ** 5.146	45.9	Pk	34.1	-22.6	0	57.4	-	-	74	-16.6	104	114	V
3	* ** 5.15	33.92	RMS	34.1	-22.7	3.27	48.59	54	-5.41	-	-	104	114	V
4	* ** 5.15	34.39	RMS	34.1	-22.7	3.27	49.06	54	-4.94	-	-	104	114	V

* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band
 ** - indicates frequency in Taiwan NCC LP0002 Restricted Band
 Pk - Peak detector
 RMS - RMS detection

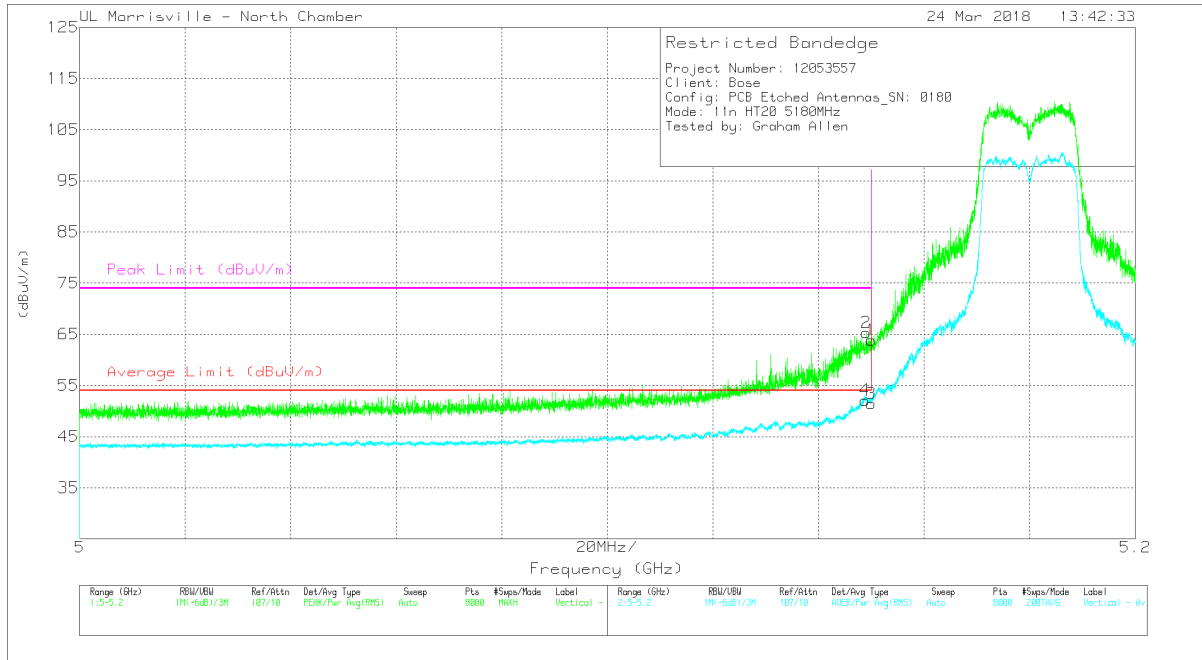
RESTRICTED BANDEDGE (LOW CHANNEL) HORIZONTAL MCS7 PCB ANTENNA



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AT0069 AF (dB/m)	Amp/Cbl/Filtr/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* ** 5.15	53.63	Pk	34.1	-22.7	0	65.03	-	-	74	-8.97	279	270	H
2	* ** 5.147	54.28	Pk	34.1	-22.6	0	65.78	-	-	74	-8.22	279	270	H
3	* ** 5.15	38.33	RMS	34.1	-22.7	3.27	53	54	-1	-	-	279	270	H
4	* ** 5.149	38.87	RMS	34.1	-22.7	3.27	53.54	54	-46	-	-	279	270	H

* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band
 ** - indicates frequency in Taiwan NCC LP0002 Restricted Band
 Pk - Peak detector
 RMS - RMS detection

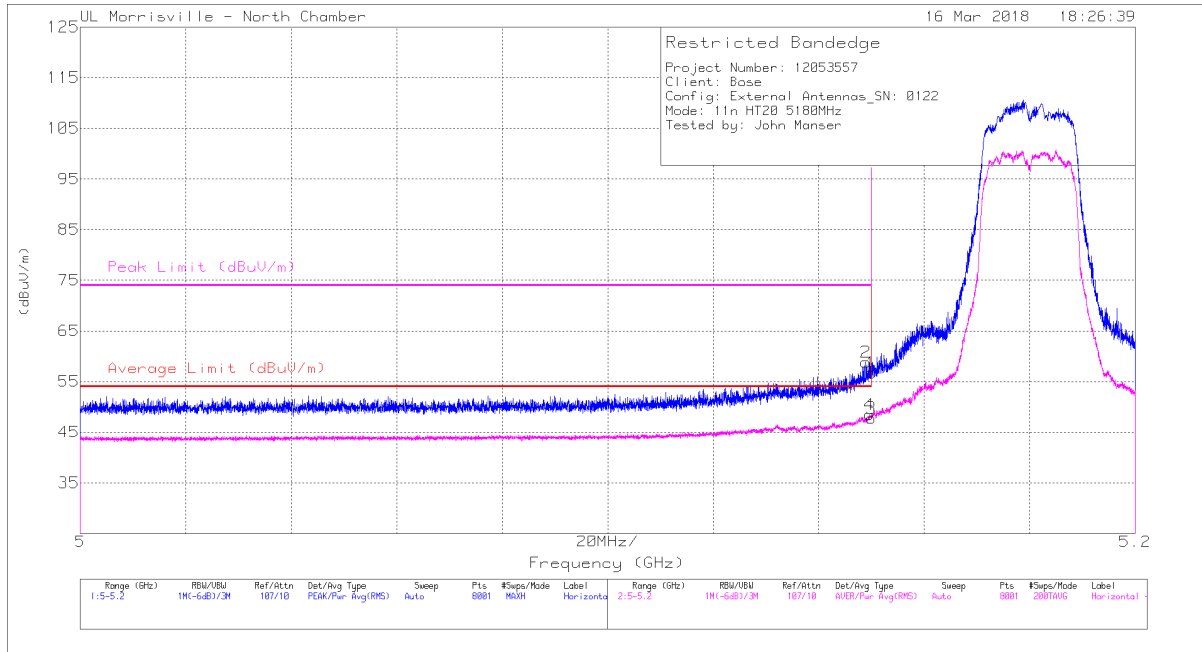
RESTRICTED BANDEDGE (LOW CHANNEL) VERTICAL MCS7 PCB ANTENNA



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AT0069 AF (dB/m)	Amp/Cbl/Filtr/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	*** 5.15	52.49	Pk	34.1	-22.7	0	63.89	-	-	74	-10.11	231	254	V
2	*** 5.149	53.93	Pk	34.1	-22.7	0	65.33	-	-	74	-8.67	231	254	V
3	*** 5.15	37.64	RMS	34.1	-22.7	3.27	52.31	54	-1.69	-	-	231	254	V
4	*** 5.149	38.34	RMS	34.1	-22.7	3.27	53.01	54	-0.99	-	-	231	254	V

* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band
 ** - indicates frequency in Taiwan NCC LP0002 Restricted Band
 Pk - Peak detector
 RMS - RMS detection

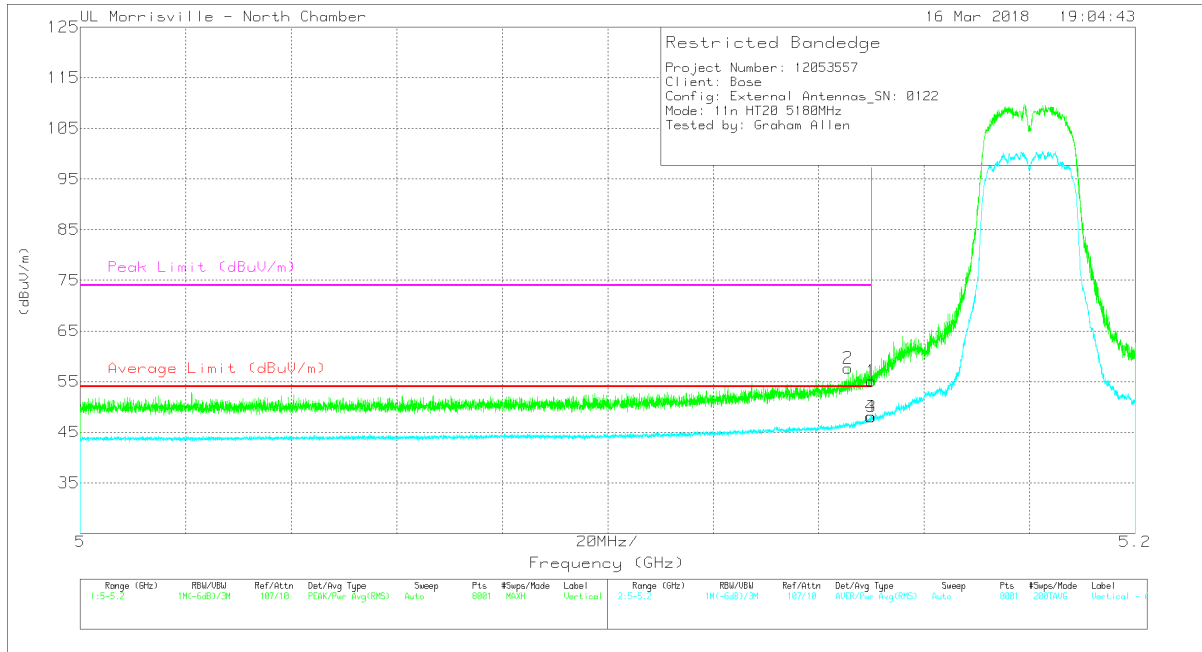
RESTRICTED BANDEDGE (LOW CHANNEL) HORIZONTAL MCS0 EXTERNAL ANTENNA



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AT0072 AF (dB/m)	Amp/Cbl/Filtr/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* ** 5.15	44.73	Pk	34.3	-22.3	0	56.73	-	-	74	-17.27	36	135	H
2	* ** 5.149	46.82	Pk	34.3	-22.3	0	58.82	-	-	74	-15.18	36	135	H
3	* ** 5.15	32.5	RMS	34.3	-22.3	3.27	47.77	54	-6.23	-	-	36	135	H
4	* ** 5.15	33.22	RMS	34.3	-22.3	3.27	48.49	54	-5.51	-	-	36	135	H

* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band
 ** - indicates frequency in Taiwan NCC LP0002 Restricted Band
 Pk - Peak detector
 RMS - RMS detection

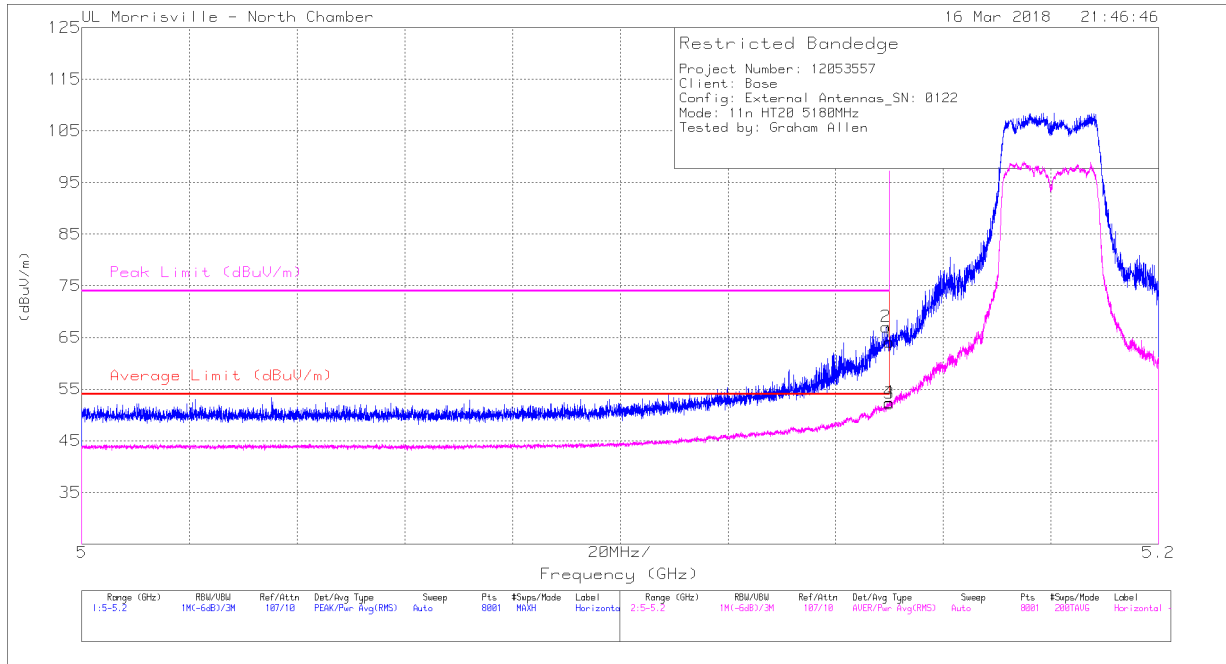
RESTRICTED BANDEDGE (LOW CHANNEL) VERTICAL MCS0 EXTERNAL ANTENNA



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AT0072 AF (dB/m)	Amp/Cbl/Filtr/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* ** 5.15	43.09	Pk	34.3	-22.3	0	55.09	-	-	74	-18.91	123	315	V
2	* ** 5.146	45.66	Pk	34.3	-22.3	0	57.66	-	-	74	-16.34	123	315	V
3	* ** 5.15	32.82	RMS	34.3	-22.3	3.27	48.09	54	-5.91	-	-	123	315	V
4	* ** 5.15	32.81	RMS	34.3	-22.3	3.27	48.08	54	-5.92	-	-	123	315	V

* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band
 ** - indicates frequency in Taiwan NCC LP0002 Restricted Band
 Pk - Peak detector
 RMS - RMS detection

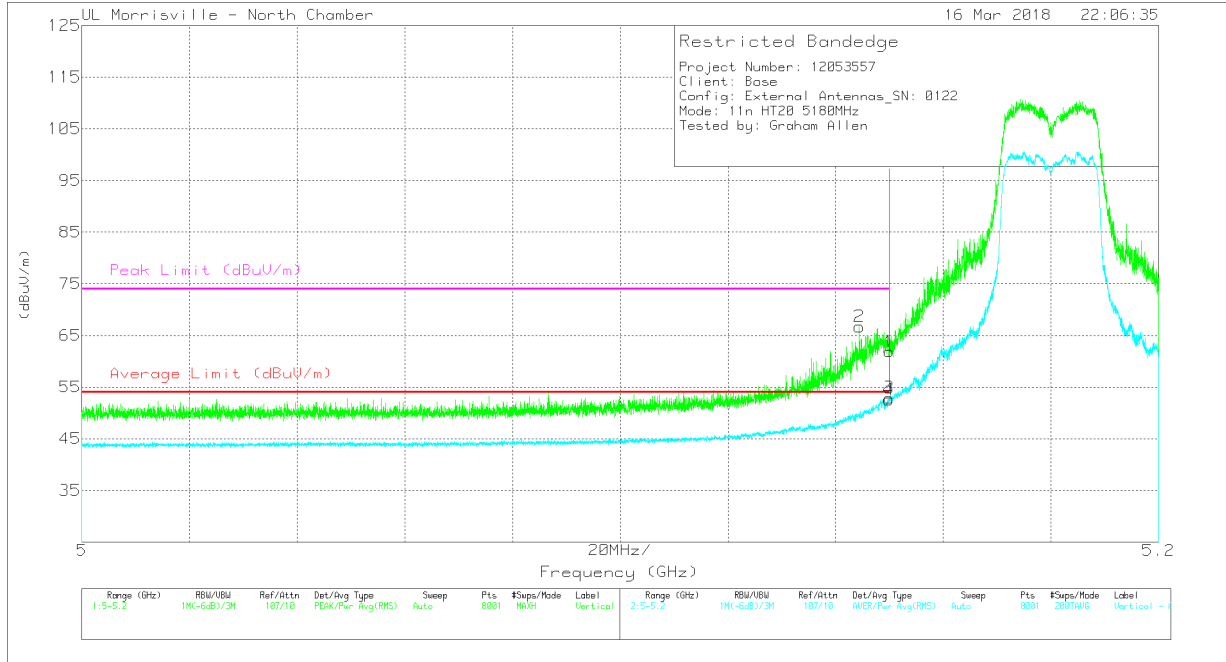
RESTRICTED BANDEGE (LOW CHANNEL) HORIZONTAL MCS7 EXTERNAL ANTENNA



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AT0072 AF (dB/m)	Amp/Cbl/Filtr/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	*** 5.15	52.11	Pk	34.3	-22.3	0	64.11	-	-	74	-9.89	251	367	H
2	*** 5.149	55.06	Pk	34.3	-22.3	0	67.06	-	-	74	-6.94	251	367	H
3	*** 5.15	36.96	RMS	34.3	-22.3	3.27	52.23	54	-1.77	-	-	251	367	H
4	*** 5.15	37.16	RMS	34.3	-22.3	3.27	52.43	54	-1.57	-	-	251	367	H

* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band
 ** - indicates frequency in Taiwan NCC LP0002 Restricted Band
 Pk - Peak detector
 RMS - RMS detection

RESTRICTED BANDEGE (LOW CHANNEL) VERTICAL MCS7 EXTERNAL ANTENNA



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AT0072 AF (dB/m)	Amp/Cbl/Filtr/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	*** 5.15	49.89	Pk	34.3	-22.3	0	61.89	-	-	74	-12.11	126	305	V
2	*** 5.144	54.71	Pk	34.3	-22.3	0	66.71	-	-	74	-7.29	126	305	V
3	*** 5.15	37.64	RMS	34.3	-22.3	3.27	52.91	54	-1.09	-	-	126	305	V
4	*** 5.15	37.33	RMS	34.3	-22.3	3.27	52.6	54	-1.4	-	-	126	305	V

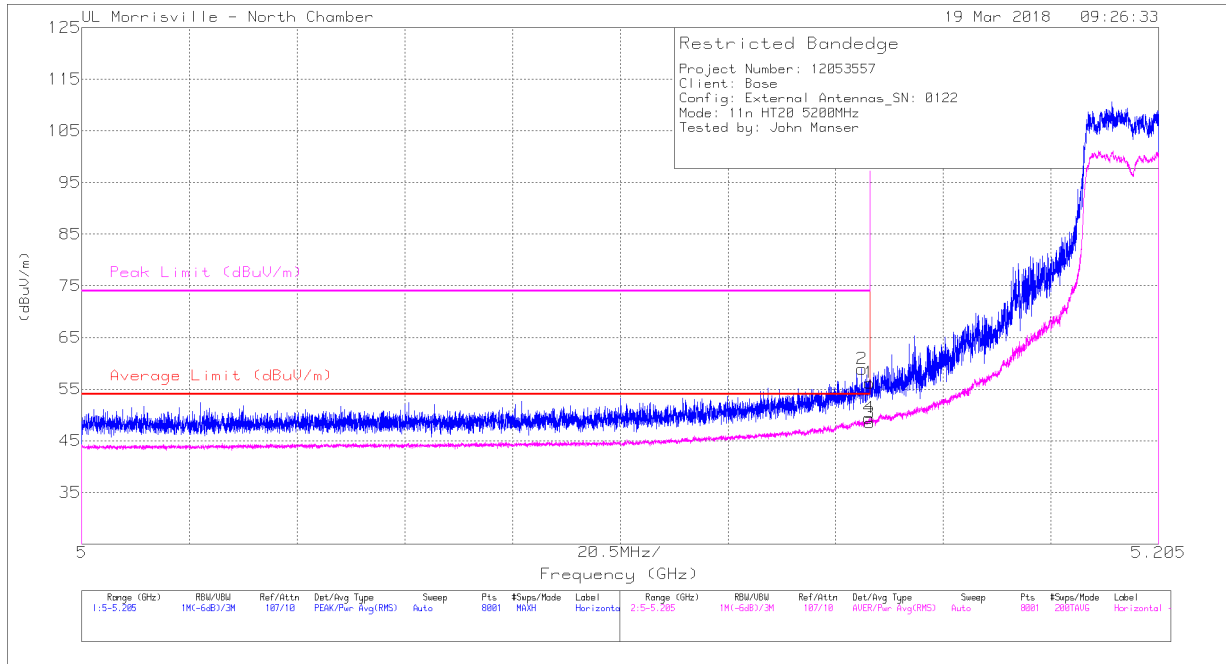
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

** - indicates frequency in Taiwan NCC LP0002 Restricted Band

Pk - Peak detector

RMS - RMS detection

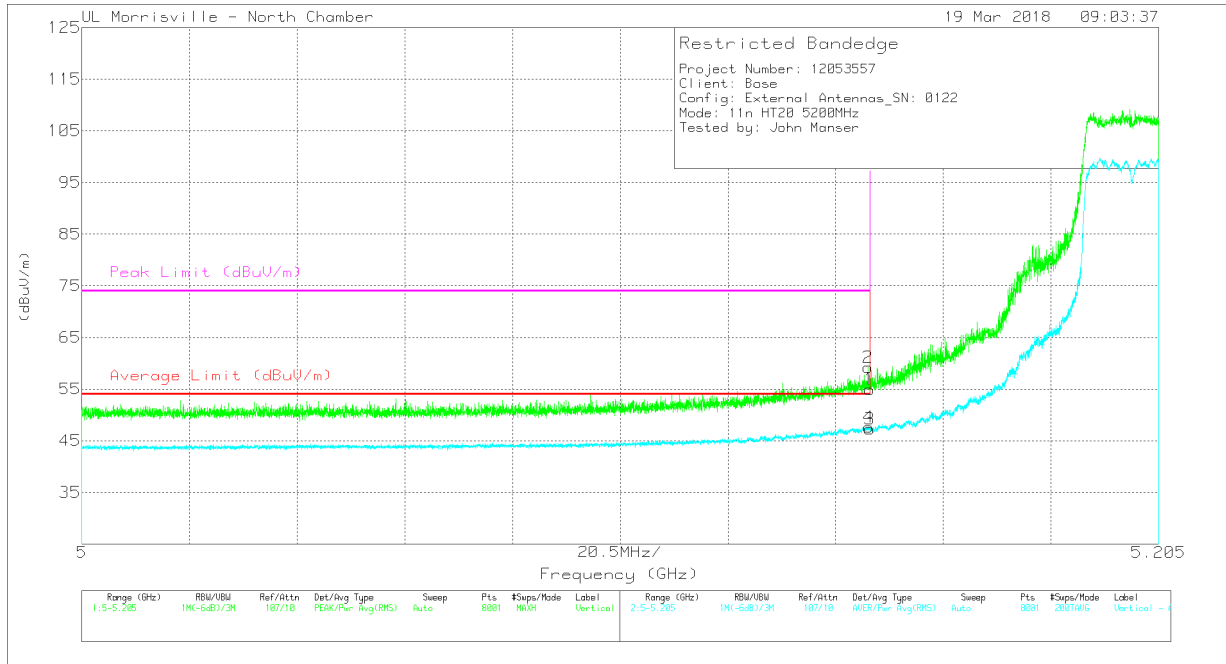
RESTRICTED BANDEGE (5200 MHz) HORIZONTAL MCS7 EXTERNAL ANTENNA



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AT0072 AF (dB/m)	Amp/Cbl/Filtr/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	*** 5.15	44.22	Pk	34.3	-22.3	0	56.22	-	-	74	-17.78	58	292	H
2	*** 5.149	46.92	Pk	34.3	-22.3	0	58.92	-	-	74	-15.08	58	292	H
3	*** 5.15	33.2	RMS	34.3	-22.3	3.27	48.47	54	-5.53	-	-	58	292	H
4	*** 5.15	34.15	RMS	34.3	-22.3	3.27	49.42	54	-4.58	-	-	58	292	H

* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band
 ** - indicates frequency in Taiwan NCC LP0002 Restricted Band
 Pk - Peak detector
 RMS - RMS detection

RESTRICTED BANDEDGE (5200 MHz) Vertical MCS7 EXTERNAL ANTENNA



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AT0072 AF (dB/m)	Amp/Cbl/Filtr/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	*** 5.15	42.99	Pk	34.3	-22.3	0	54.99	-	-	74	-19.01	170	278	V
2	*** 5.15	47.2	Pk	34.3	-22.3	0	59.2	-	-	74	-14.8	170	278	V
3	*** 5.15	31.99	RMS	34.3	-22.3	3.27	47.26	54	-6.74	-	-	170	278	V
4	*** 5.15	32.35	RMS	34.3	-22.3	3.27	47.62	54	-6.38	-	-	170	278	V

* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

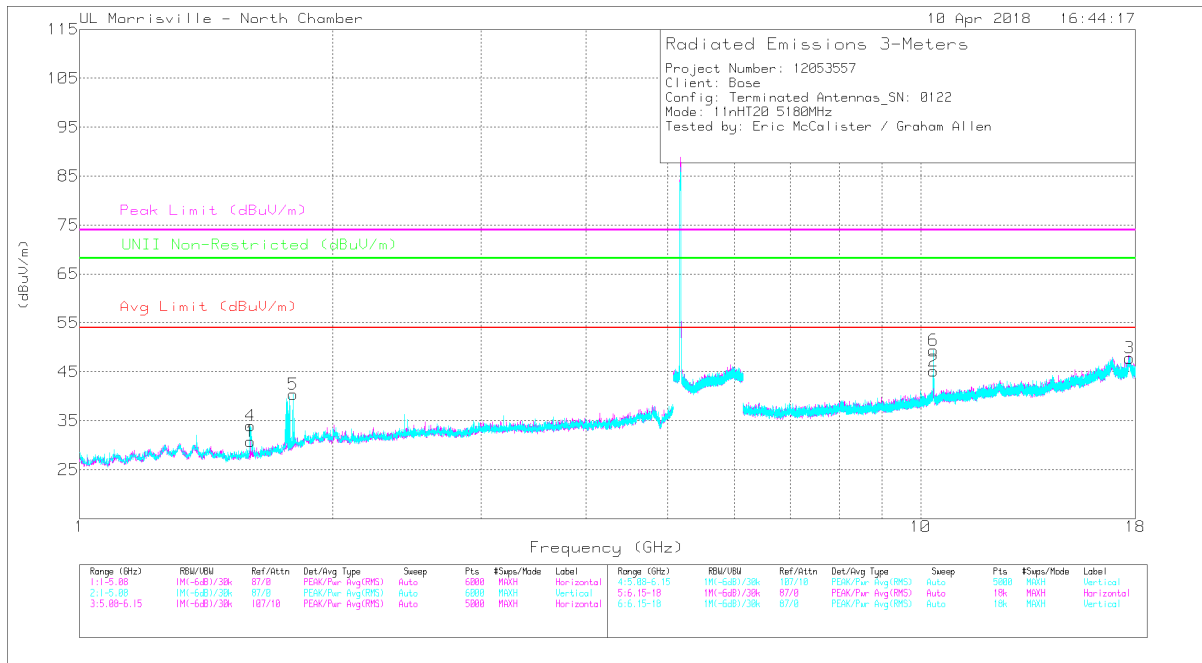
** - indicates frequency in Taiwan NCC LP0002 Restricted Band

Pk - Peak detector

RMS - RMS detection

HARMONICS AND SPURIOUS EMISSIONS

LOW CHANNEL



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AT0072 AF (dB/m)	Amp/Cbl/Filtr/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	*** 1.597	47.57	PK-U	28	-35.9	0	39.67	-	-	74	-34.33	-	-	279	300	H
	*** 1.599	31.63	ADR	28	-35.9	3.27	27	54	-27	-	-	-	-	279	300	H
4	*** 1.595	51.52	PK-U	27.9	-35.9	0	43.52	-	-	74	-30.48	-	-	326	235	V
	*** 1.598	31.75	ADR	28	-35.9	3.27	27.12	54	-26.88	-	-	-	-	326	235	V
3	*** 17.714	34.29	PK-U	41.2	-21.6	0	53.89	-	-	74	-20.11	-	-	298	269	H
	*** 17.713	22.65	ADR	41.2	-21.6	3.27	45.52	54	-8.48	-	-	-	-	298	269	H
5	1.798	54.69	PK-U	30.2	-36	0	48.89	-	-	-	-	68.2	-19.31	299	213	V
2	10.361	39.02	PK-U	37.4	-25.7	0	50.72	-	-	-	-	68.2	-17.48	268	210	H
6	10.361	42.88	PK-U	37.4	-25.7	0	54.58	-	-	-	-	68.2	-13.62	334	115	V

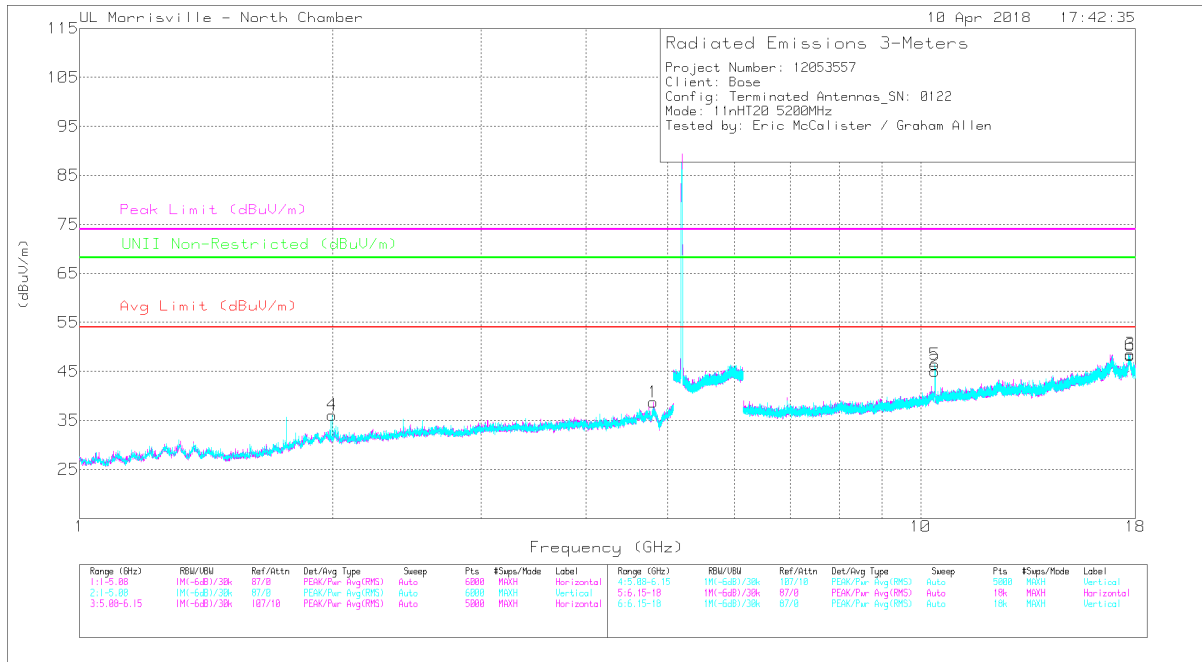
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

** - indicates frequency in Taiwan NCC LP0002 Restricted Band

PK-U - U-NII: Maximum Peak

ADR - U-NII AD primary method, RMS average

MID CHANNEL



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AT0072 AF (dB/m)	Amp/Cbl/Filtr/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* ** 4.813	41.54	PK-U	34.1	-31.1	0	44.54	-	-	74	-29.46	-	-	350	327	H
	* ** 4.815	29.77	ADR	34.1	-31.1	3.27	36.04	54	-17.96	-	-	-	-	350	327	H
3	* ** 17.743	34.47	PK-U	41.2	-21	0	54.67	-	-	74	-19.33	-	-	76	240	H
	* ** 17.742	22.65	ADR	41.2	-21	3.27	46.12	54	-7.88	-	-	-	-	76	240	H
6	* ** 17.739	34.11	PK-U	41.2	-21	0	54.31	-	-	74	-19.69	-	-	225	218	V
	* ** 17.737	22.61	ADR	41.2	-21	3.27	46.08	54	-7.92	-	-	-	-	225	218	V
4	1.998	51.63	PK-U	31.5	-34.9	0	48.23	-	-	-	-	68.2	-19.97	286	102	V
5	10.395	43.71	PK-U	37.5	-26.5	0	54.71	-	-	-	-	68.2	-13.49	303	111	V
2	10.401	40.03	PK-U	37.5	-26.4	0	51.13	-	-	-	-	68.2	-17.07	330	139	H

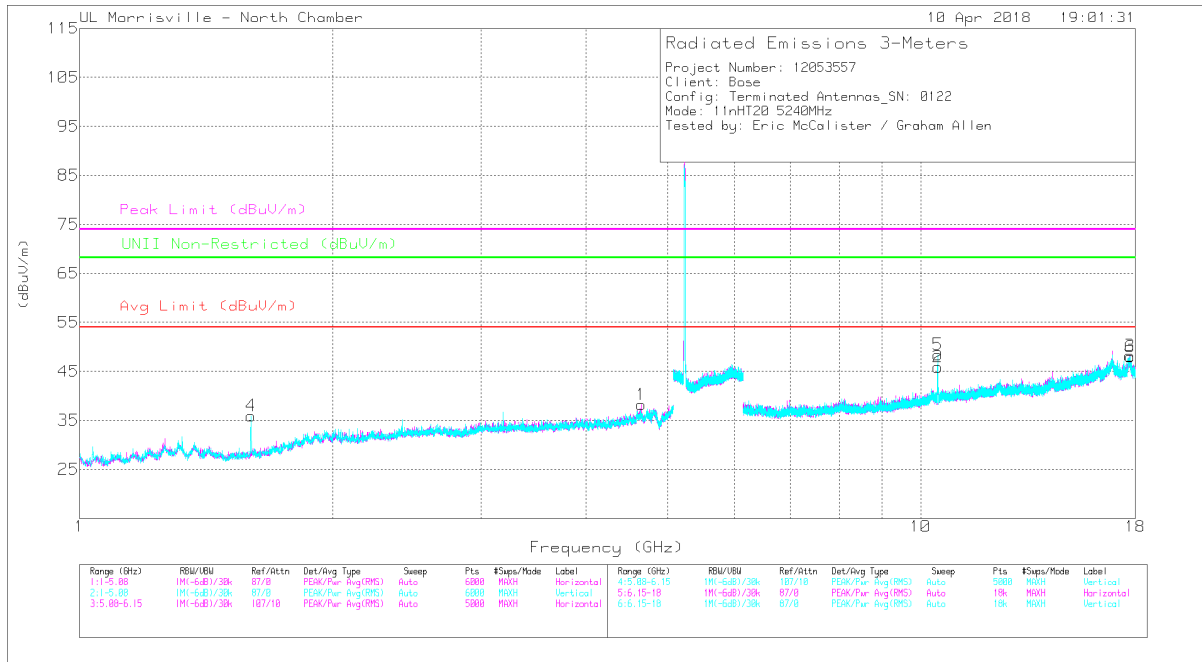
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

** - indicates frequency in Taiwan NCC LP0002 Restricted Band

PK-U - U-NII: Maximum Peak

ADR - U-NII AD primary method, RMS average

HIGH CHANNEL



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AT0072 AF (dB/m)	Amp/Cbl/Filtr/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* ** 4.657	40.63	PK-U	34.1	-31.4	0	43.33	-	-	74	-30.67	-	-	360	308	H
	* ** 4.654	28.77	ADR	34.1	-31.4	3.27	34.74	54	-19.26	-	-	-	-	360	308	H
4	* ** 1.598	55.51	PK-U	28	-35.9	0	47.61	-	-	74	-26.39	-	-	310	135	V
	* ** 1.599	32.3	ADR	28	-35.9	3.27	27.67	54	-26.33	-	-	-	-	310	135	V
3	* ** 17.734	34.98	PK-U	41.2	-21	0	55.18	-	-	74	-18.82	-	-	170	128	H
	* ** 17.732	22.49	ADR	41.2	-21	3.27	45.96	54	-8.04	-	-	-	-	170	128	H
6	* ** 17.741	34.42	PK-U	41.2	-21	0	54.62	-	-	74	-19.38	-	-	35	102	V
	* ** 17.741	22.58	ADR	41.2	-21	3.27	46.05	54	-7.95	-	-	-	-	35	102	V
2	10.479	42.68	PK-U	37.5	-27.3	0	52.88	-	-	-	-	68.2	-15.32	288	112	H
5	10.48	46.39	PK-U	37.5	-27.3	0	56.59	-	-	-	-	68.2	-11.61	343	112	V

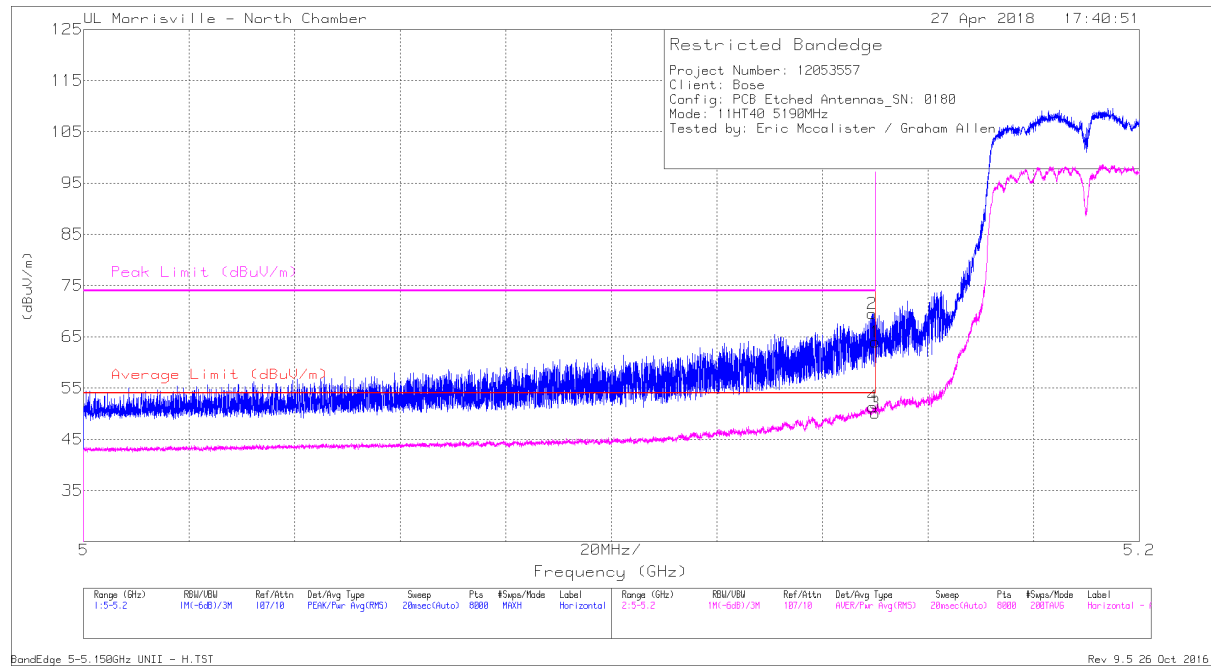
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

** - indicates frequency in Taiwan NCC LP0002 Restricted Band

PK-U - U-NII: Maximum Peak

ADR - U-NII AD primary method, RMS average

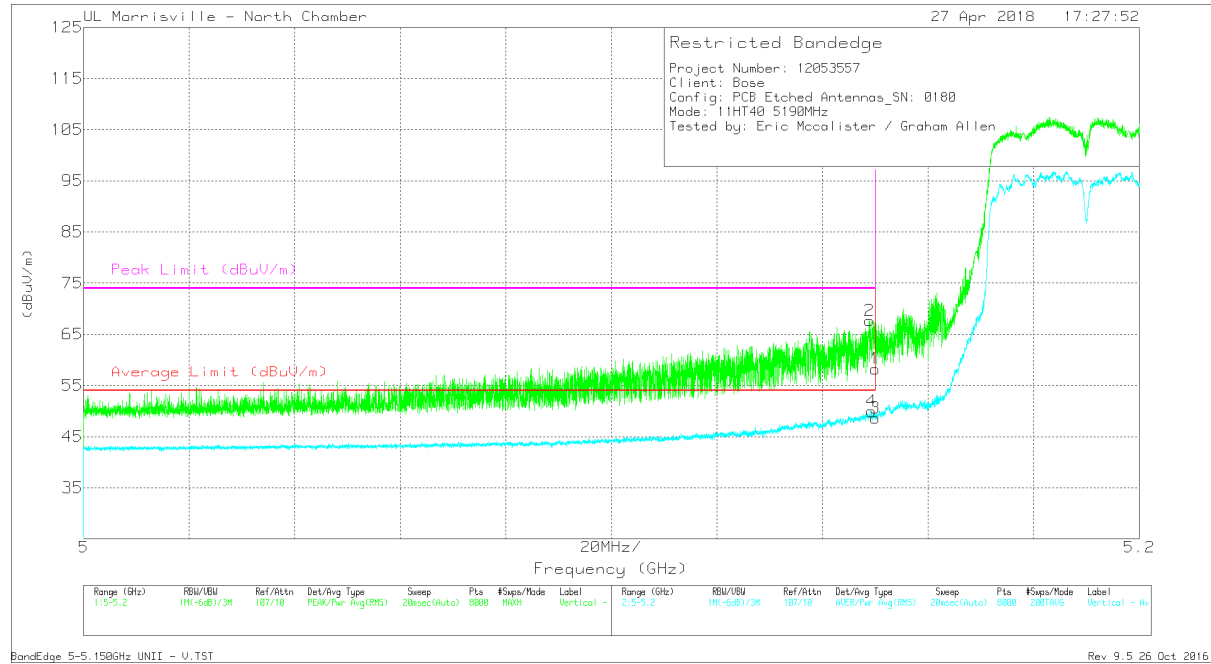
**10.5. TX ABOVE 1 GHz 802.11n HT40 MODE IN THE 5.2 GHz BAND
 RESTRICTED BANDEDGE (LOW CHANNEL) HORIZONTAL MCS0 PCB ANTENNA**



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AT0067 AF (dB/m)	Amp/Cbl/Filtr/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* ** 5.15	52.49	Pk	34.2	-22.7	0	63.99	-	-	74	-10.01	266	240	H
2	* ** 5.149	58.14	Pk	34.2	-22.8	0	69.54	-	-	74	-4.46	266	240	H
3	* ** 5.15	36.11	RMS	34.2	-22.7	2.52	50.13	54	-3.87	-	-	266	240	H
4	* ** 5.15	37.46	RMS	34.2	-22.8	2.52	51.38	54	-2.62	-	-	266	240	H

* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band
 ** - indicates frequency in Taiwan NCC LP0002 Restricted Band
 Pk - Peak detector
 RMS - RMS detection

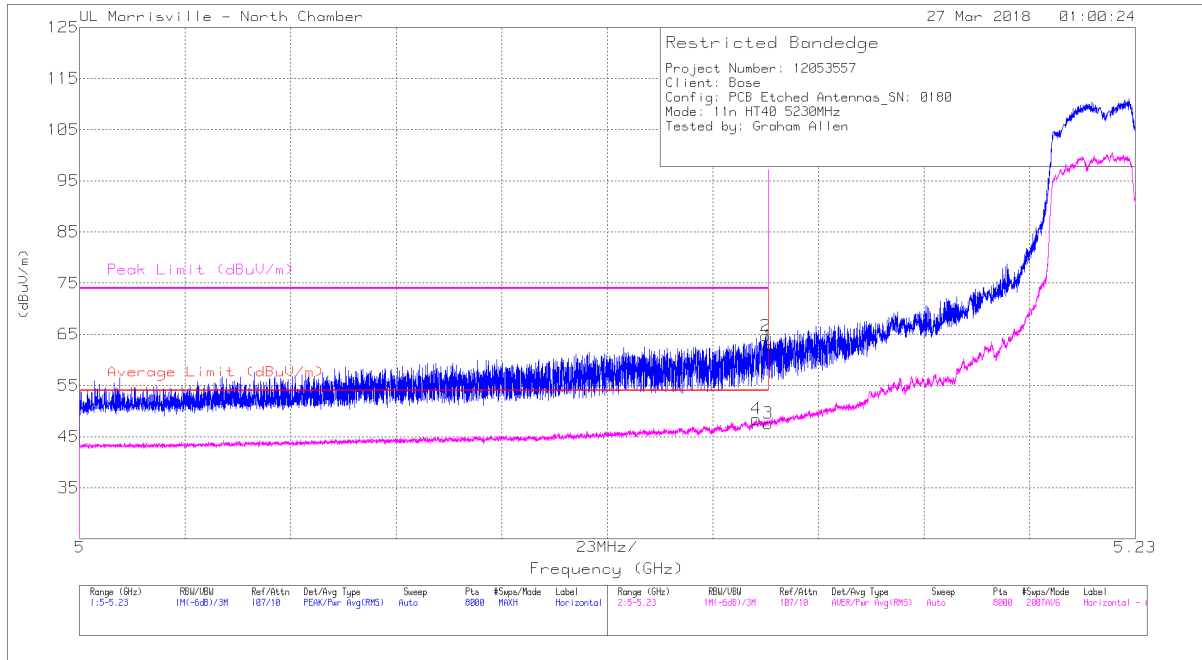
RESTRICTED BANDEDGE (LOW CHANNEL) VERTICAL MCS0 PCB ANTENNA



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AT0067 AF (dB/m)	Amp/Cbl/Filtr/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* ** 5.15	46.77	Pk	34.2	-22.7	0	58.27	-	-	74	-15.73	87	227	V
2	* ** 5.149	56.27	Pk	34.2	-22.8	0	67.67	-	-	74	-6.33	87	227	V
3	* ** 5.15	34.62	RMS	34.2	-22.7	2.52	48.64	54	-5.36	-	-	87	227	V
4	* ** 5.149	36.01	RMS	34.2	-22.8	2.52	49.93	54	-4.07	-	-	87	227	V

* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band
 ** - indicates frequency in Taiwan NCC LP0002 Restricted Band
 Pk - Peak detector
 RMS - RMS detection

AUTHORIZED BANDEDGE (5230MHz) HORIZONTAL MCS0 PCB ANTENNA



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AT0072 AF (dB/m)	Amp/Cbl/Filtr/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	*** 5.15	51.14	Pk	34.3	-22.7	0	62.74	-	-	74	-11.26	102	105	H
2	*** 5.149	53.23	Pk	34.3	-22.8	0	64.73	-	-	74	-9.27	102	105	H
3	*** 5.15	33.37	RMS	34.3	-22.7	2.52	47.49	54	-6.51	-	-	102	105	H
4	*** 5.147	34.34	RMS	34.3	-22.8	2.52	48.36	54	-5.64	-	-	102	105	H

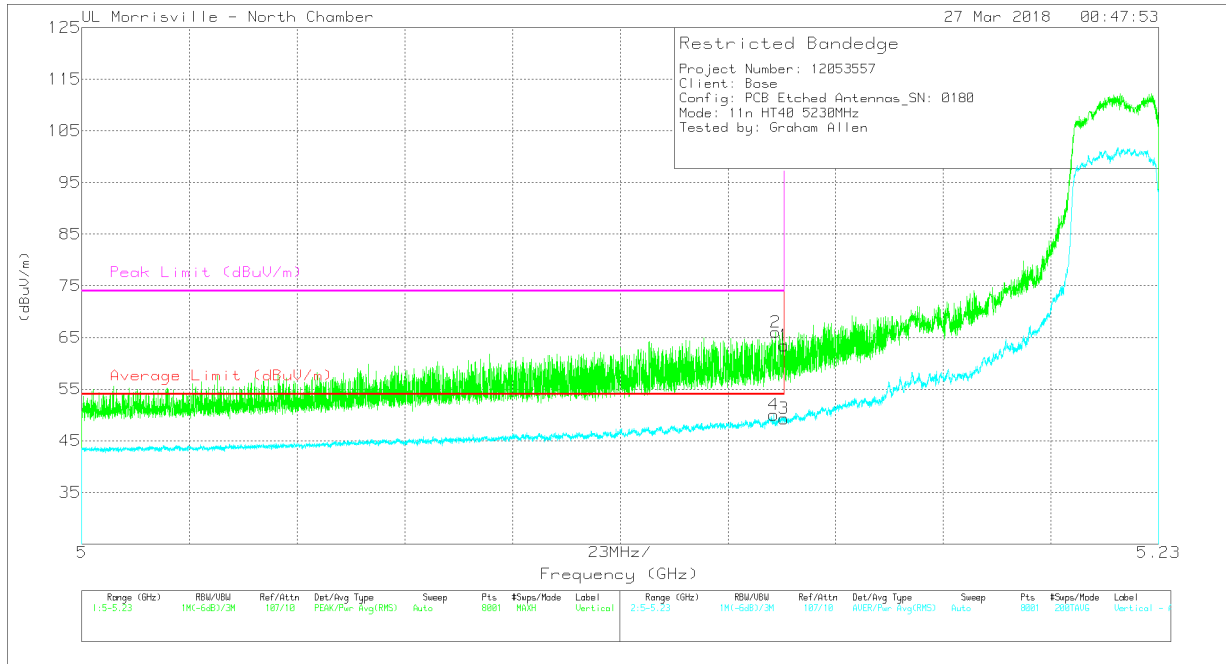
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

** - indicates frequency in Taiwan NCC LP0002 Restricted Band

Pk - Peak detector

RMS - RMS detection

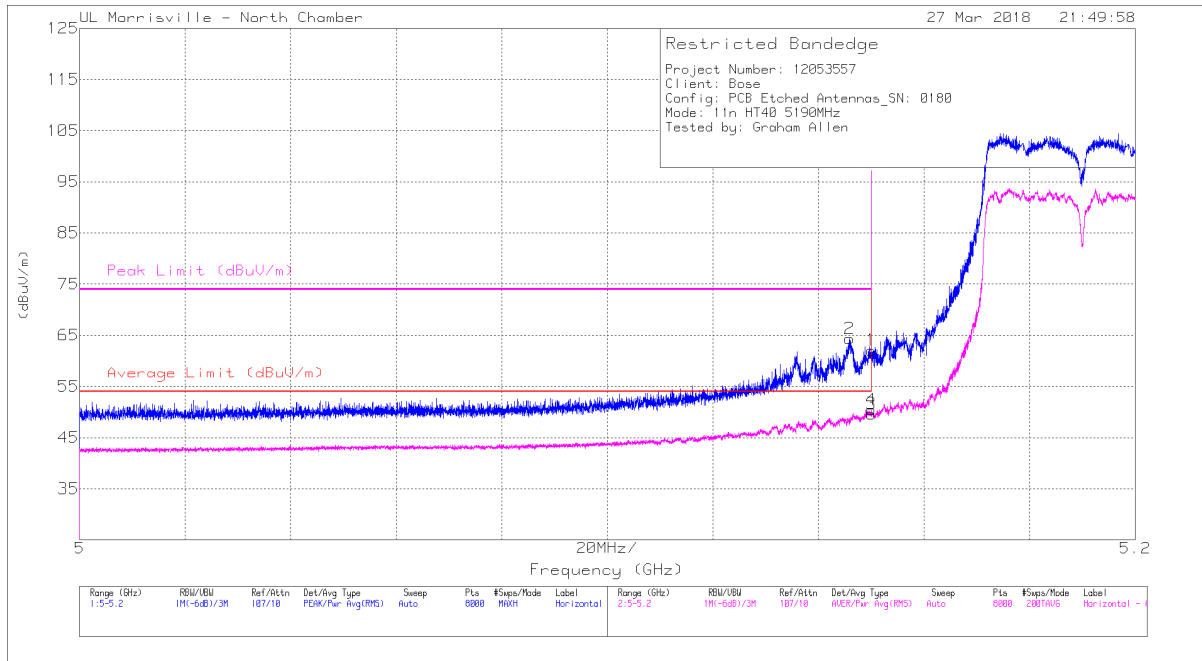
AUTHORIZED BANDEDGE (5230MHz) VERTICAL MCS0 PCB ANTENNA



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AT0072 AF (dB/m)	Amp/Cbl/Filtr/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	*** 5.15	51.84	Pk	34.3	-22.7	0	63.44	-	-	74	-10.56	359	105	V
2	*** 5.148	54.51	Pk	34.3	-22.8	0	66.01	-	-	74	-7.99	359	105	V
3	*** 5.15	35.17	RMS	34.3	-22.7	2.52	49.29	54	-4.71	-	-	359	105	V
4	*** 5.148	36.01	RMS	34.3	-22.8	2.52	50.03	54	-3.97	-	-	359	105	V

* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band
 ** - indicates frequency in Taiwan NCC LP0002 Restricted Band
 Pk - Peak detector
 RMS - RMS detection

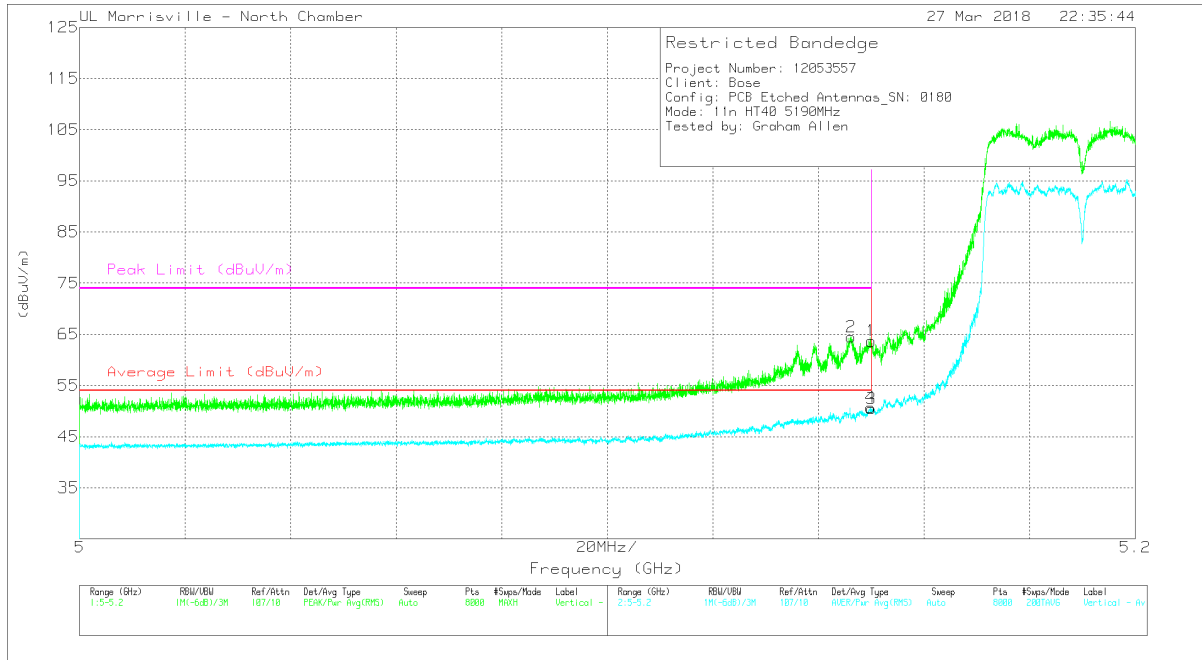
RESTRICTED BANDEDGE (LOW CHANNEL) HORIZONTAL MCS7 PCB ANTENNA



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AT0072 AF (dB/m)	Amp/Cbl/Filtr/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	*** 5.15	50.47	Pk	34.3	-22.7	0	62.07	-	-	74	-11.93	206	261	H
2	*** 5.146	52.85	Pk	34.3	-22.8	0	64.35	-	-	74	-9.65	206	261	H
3	*** 5.15	35.44	RMS	34.3	-22.7	2.52	49.56	54	-4.44	-	-	206	261	H
4	*** 5.15	36.23	RMS	34.3	-22.7	2.52	50.35	54	-3.65	-	-	206	261	H

* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band
 ** - indicates frequency in Taiwan NCC LP0002 Restricted Band
 Pk - Peak detector
 RMS - RMS detection

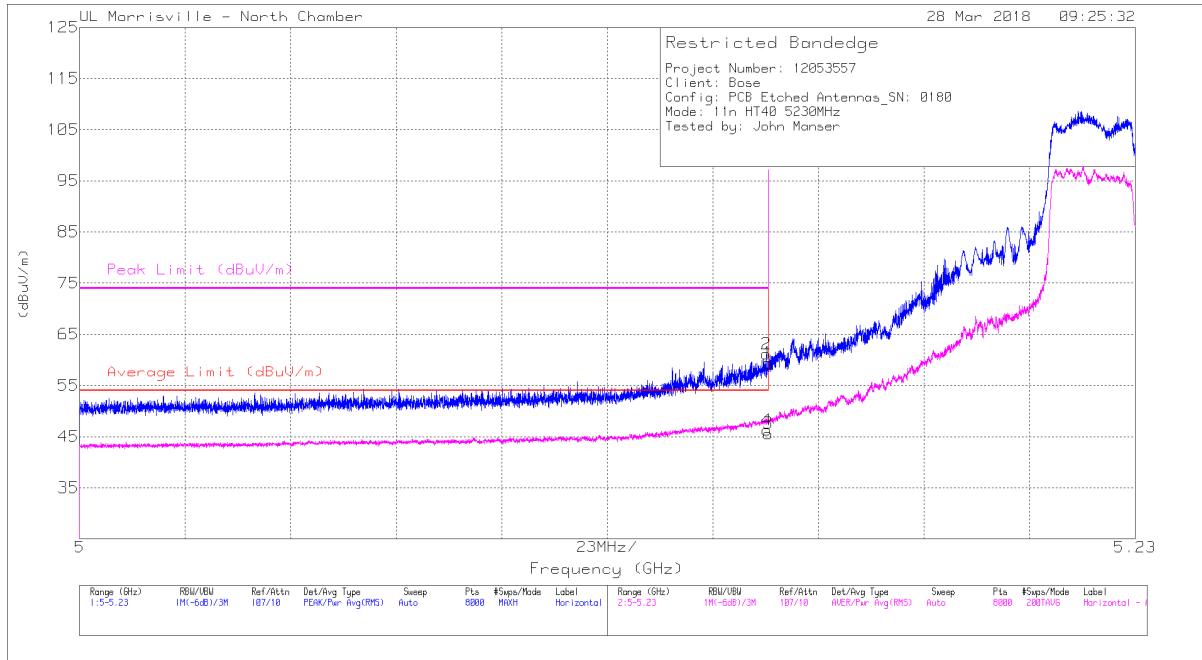
RESTRICTED BANDEDGE (LOW CHANNEL) VERTICAL MCS7 PCB ANTENNA



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AT0072 AF (dB/m)	Amp/Cbl/Filtr/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	*** 5.15	52.09	Pk	34.3	-22.7	0	63.69	-	-	74	-10.31	310	136	V
2	*** 5.146	52.99	Pk	34.3	-22.8	0	64.49	-	-	74	-9.51	310	136	V
3	*** 5.15	36.22	RMS	34.3	-22.7	2.52	50.34	54	-3.66	-	-	310	136	V
4	*** 5.15	36.53	RMS	34.3	-22.7	2.52	50.65	54	-3.35	-	-	310	136	V

* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band
 ** - indicates frequency in Taiwan NCC LP0002 Restricted Band
 Pk - Peak detector
 RMS - RMS detection

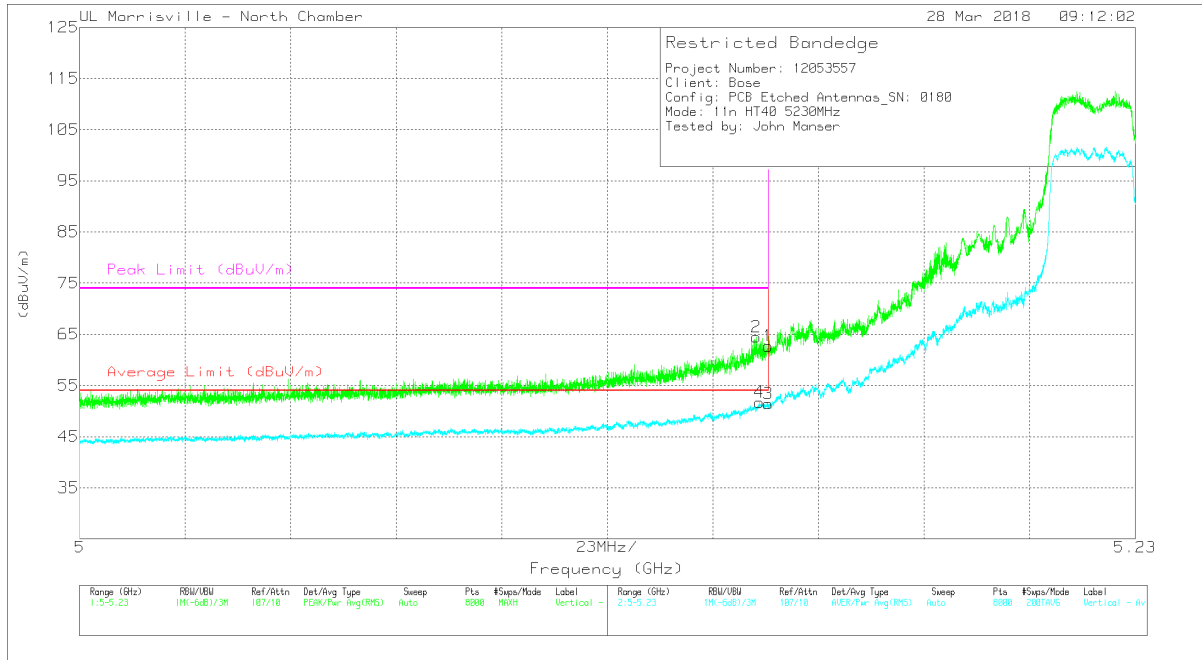
AUTHORIZED BANDEDGE (5230MHz) HORIZONTAL MCS7 PCB ANTENNA



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AT0072 AF (dB/m)	Amp/Cbl/Filtr/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	*** 5.15	47.79	Pk	34.3	-22.7	0	59.39	-	-	74	-14.61	288	103	H
2	*** 5.15	49.65	Pk	34.3	-22.8	0	61.15	-	-	74	-12.85	288	103	H
3	*** 5.15	34.01	RMS	34.3	-22.7	2.52	48.13	54	-5.87	-	-	288	103	H
4	*** 5.15	34.68	RMS	34.3	-22.7	2.52	48.8	54	-5.2	-	-	288	103	H

* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band
 ** - indicates frequency in Taiwan NCC LP0002 Restricted Band
 Pk - Peak detector
 RMS - RMS detection

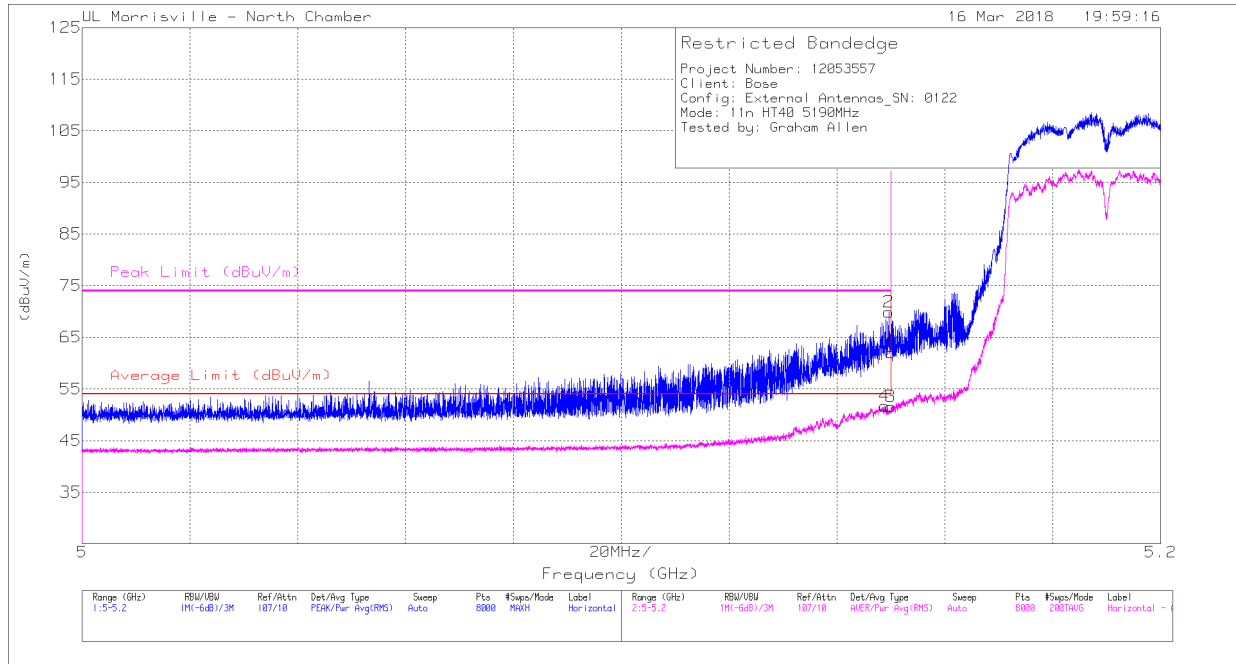
AUTHORIZED BANDEDGE (5230MHz) VERTICAL MCS7 PCB ANTENNA



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AT0072 AF (dB/m)	Amp/Cbl/Filtr/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	*** 5.15	51.11	Pk	34.3	-22.7	0	62.71	-	-	74	-11.29	36	128	V
2	*** 5.147	52.96	Pk	34.3	-22.8	0	64.46	-	-	74	-9.54	36	128	V
3	*** 5.15	37.22	RMS	34.3	-22.7	2.52	51.34	54	-2.66	-	-	36	128	V
4	*** 5.148	37.63	RMS	34.3	-22.8	2.52	51.65	54	-2.35	-	-	36	128	V

* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band
 ** - indicates frequency in Taiwan NCC LP0002 Restricted Band
 Pk - Peak detector
 RMS - RMS detection

RESTRICTED BANDEDGE (LOW CHANNEL) HORIZONTAL MCS0 EXTERNAL ANTENNA



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AT0072 AF (dB/m)	Amp/Cbl/Filtr/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	*** 5.15	50	Pk	34.3	-22.3	0	62	-	-	74	-12	43	238	H
2	*** 5.15	57.89	Pk	34.3	-22.3	0	69.89	-	-	74	-4.11	43	238	H
3	*** 5.15	36.97	RMS	34.3	-22.3	2.52	51.49	54	-2.51	-	-	43	238	H
4	*** 5.149	37.09	RMS	34.3	-22.3	2.52	51.61	54	-2.39	-	-	43	238	H

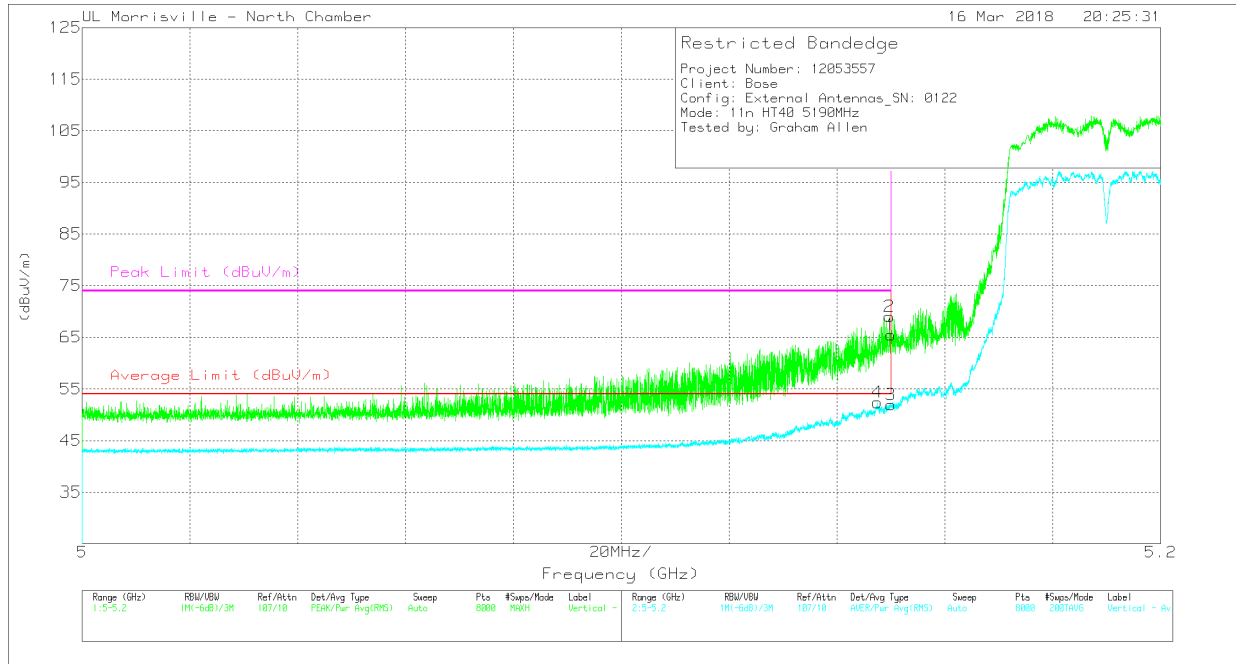
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

** - indicates frequency in Taiwan NCC LP0002 Restricted Band

Pk - Peak detector

RMS - RMS detection

RESTRICTED BANDEDGE (LOW CHANNEL) VERTICAL MCS0 EXTERNAL ANTENNA



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AT0072 AF (dB/m)	Amp/Cbl/Filtr/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	*** 5.15	53.46	Pk	34.3	-22.3	0	65.46	-	-	74	-8.54	144	232	V
2	*** 5.15	57.02	Pk	34.3	-22.3	0	69.02	-	-	74	-4.98	144	232	V
3	*** 5.15	37.32	RMS	34.3	-22.3	2.52	51.84	54	-2.16	-	-	144	232	V
4	*** 5.147	37.78	RMS	34.3	-22.3	2.52	52.3	54	-1.7	-	-	144	232	V

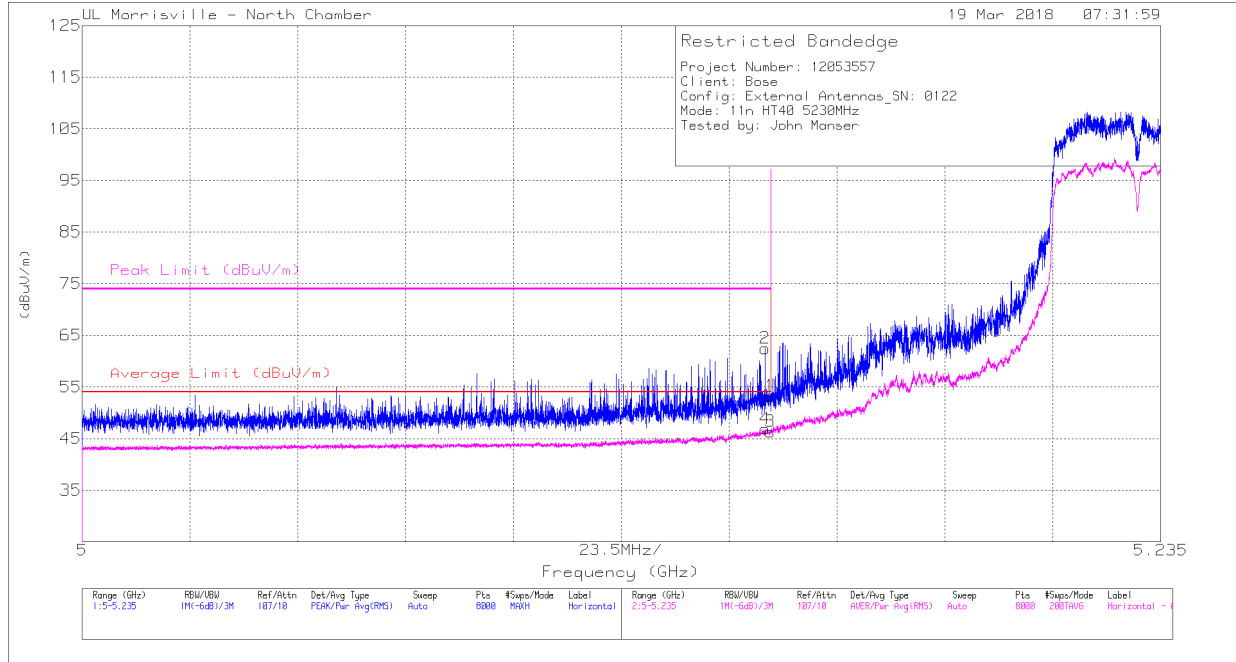
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

** - indicates frequency in Taiwan NCC LP0002 Restricted Band

Pk - Peak detector

RMS - RMS detection

AUTHORIZED BANDEDGE (5230MHz) HORIZONTAL MCS0 EXTERNAL ANTENNA



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AT0072 AF (dB/m)	Amp/Cbl/Filtr/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* ** 5.15	41.23	Pk	34.3	-22.3	0	53.23	-	-	74	-20.77	43	255	H
2	* ** 5.149	50.46	Pk	34.3	-22.3	0	62.46	-	-	74	-11.54	43	255	H
3	* ** 5.15	31.74	RMS	34.3	-22.3	2.52	46.26	54	-7.74	-	-	43	255	H
4	* ** 5.149	32.3	RMS	34.3	-22.3	2.52	46.82	54	-7.18	-	-	43	255	H

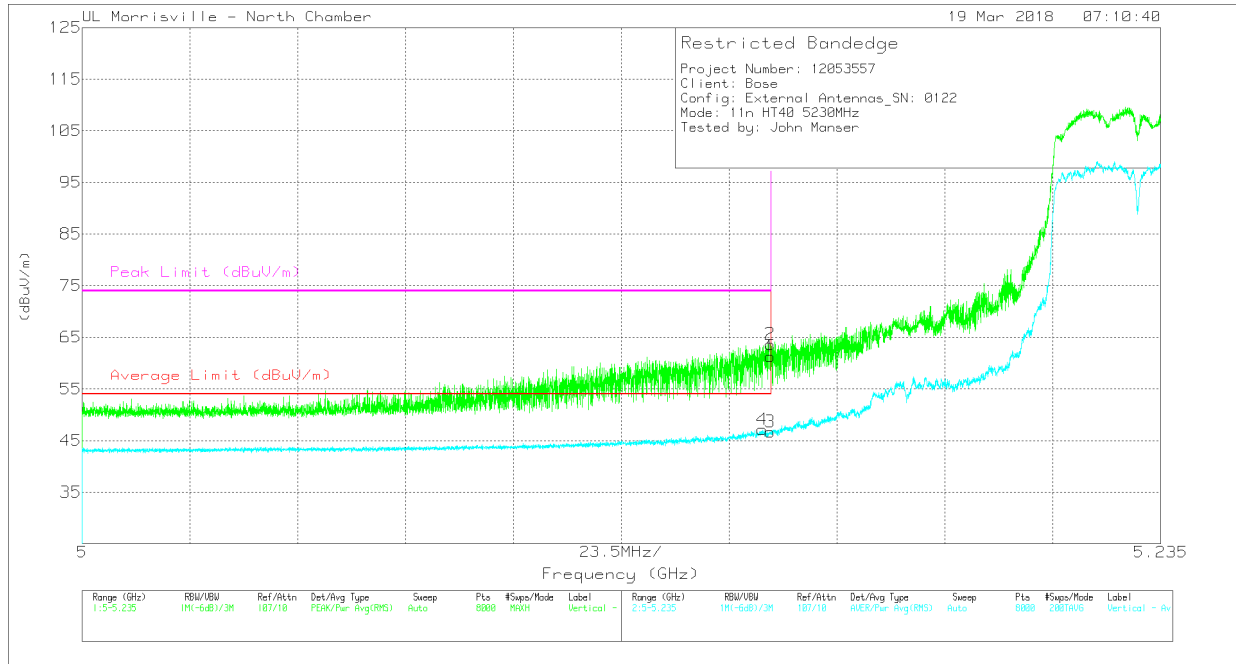
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

** - indicates frequency in Taiwan NCC LP0002 Restricted Band

Pk - Peak detector

RMS - RMS detection

AUTHORIZED BANDEDGE (5230MHz) VERTICAL MCS0 EXTERNAL ANTENNA



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AT0072 AF (dB/m)	Amp/Cbl/Filtr/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	*** 5.15	49.29	Pk	34.3	-22.3	0	61.29	-	-	74	-12.71	145	216	V
2	*** 5.15	51.67	Pk	34.3	-22.3	0	63.67	-	-	74	-10.33	145	216	V
3	*** 5.15	32.08	RMS	34.3	-22.3	2.52	46.6	54	-7.4	-	-	146	216	V
4	*** 5.148	32.52	RMS	34.3	-22.3	2.52	47.04	54	-6.96	-	-	146	216	V

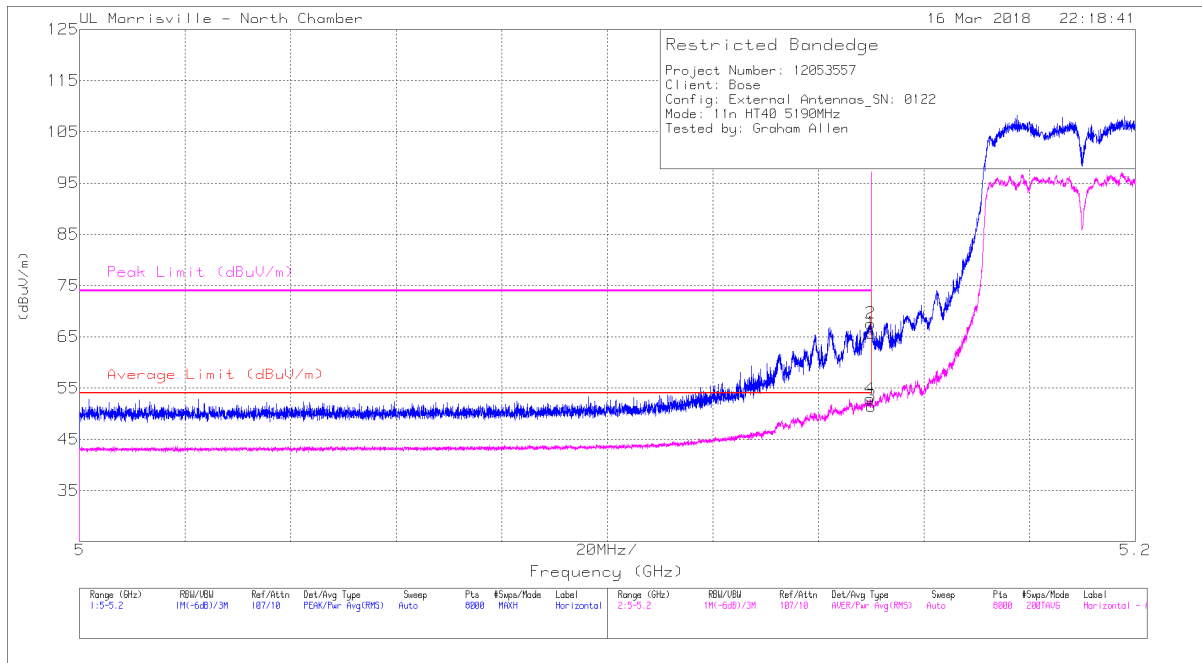
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

** - indicates frequency in Taiwan NCC LP0002 Restricted Band

Pk - Peak detector

RMS - RMS detection

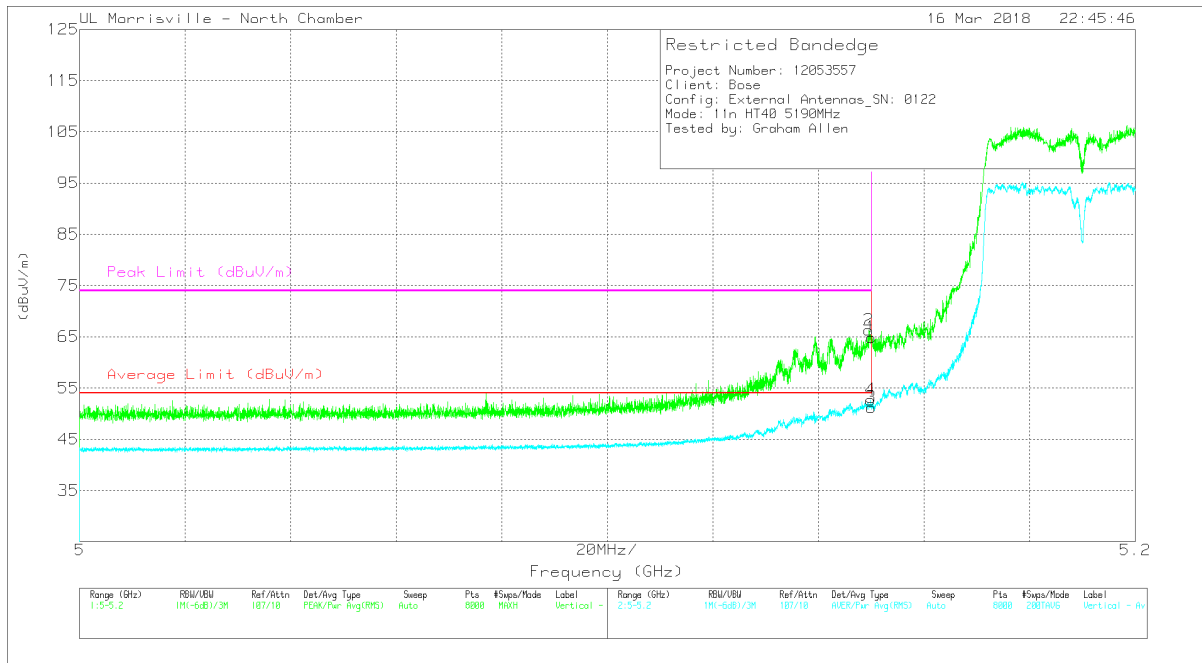
RESTRICTED BANDEDGE (LOW CHANNEL) HORIZONTAL MCS7 EXTERNAL ANTENNA



Marker	Freq (GHz)	Meter Reading (dBuV)	Det	AT0072 AF (dB/m)	Amp/Cbl/Fltr/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Pol
1	* ** 5.15	53.77	Pk	34.3	-22.3	0	65.77	-	-	74	-8.23	47	259	H
2	* ** 5.15	55.61	Pk	34.3	-22.3	0	67.61	-	-	74	-6.39	47	259	H
3	* ** 5.15	36.88	RMS	34.3	-22.3	2.52	51.4	54	-2.6	-	-	47	259	H
4	* ** 5.15	38.33	RMS	34.3	-22.3	2.52	52.85	54	-1.15	-	-	47	259	H

* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band
 ** - indicates frequency in Taiwan NCC LP0002 Restricted Band
 Pk - Peak detector
 RMS - RMS detection

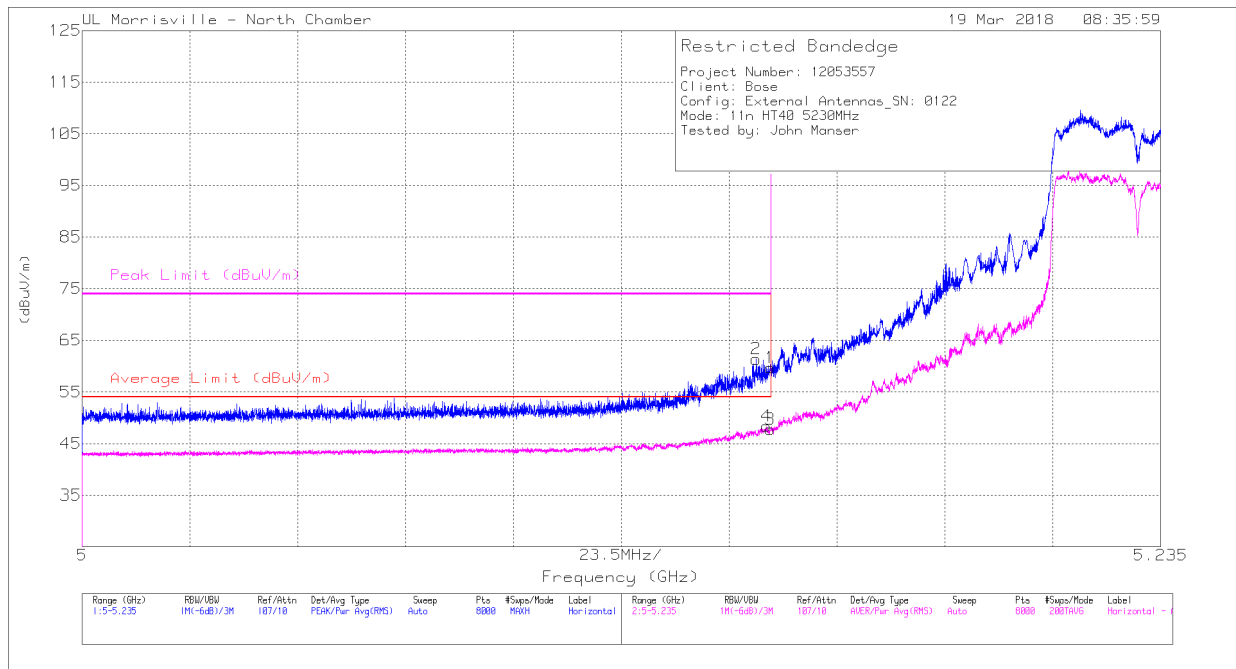
RESTRICTED BANDEDGE (LOW CHANNEL) VERTICAL MCS7 EXTERNAL ANTENNA



Marker	Freq (GHz)	Meter Reading (dBuV)	Det	AT0072 AF (dB/m)	Amp/Cbl/Filtr/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarit y
1	* ** 5.15	52.91	Pk	34.3	-22.3	0	64.91	-	-	74	-9.09	144	226	V
2	* ** 5.15	54.31	Pk	34.3	-22.3	0	66.31	-	-	74	-7.69	144	226	V
3	* ** 5.15	36.63	RMS	34.3	-22.3	2.52	51.15	54	-2.85	-	-	144	226	V
4	* ** 5.15	38.11	RMS	34.3	-22.3	2.52	52.63	54	-1.37	-	-	144	226	V

* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band
 ** - indicates frequency in Taiwan NCC LP0002 Restricted Band
 Pk - Peak detector
 RMS - RMS detection

AUTHORIZED BANDEDGE (5230MHz) HORIZONTAL MCS7 EXTERNAL ANTENNA



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AT0072 AF (dB/m)	Amp/Cbl/Filtr/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	*** 5.15	47.68	Pk	34.3	-22.3	0	59.68	-	-	74	-14.32	58	286	H
2	*** 5.147	49.36	Pk	34.3	-22.3	0	61.36	-	-	74	-12.64	58	286	H
3	*** 5.15	33.13	RMS	34.3	-22.3	2.52	47.65	54	-6.35	-	-	58	286	H
4	** 5.149	33.77	RMS	34.3	-22.3	2.52	48.29	54	-5.71	-	-	58	286	H

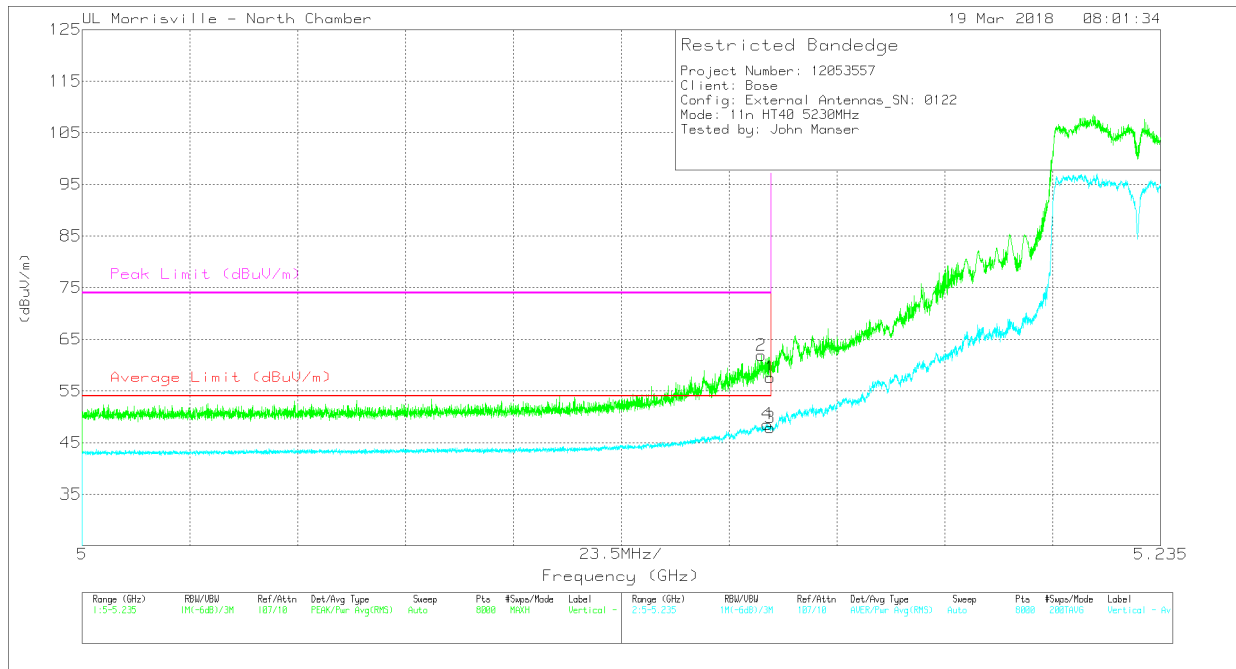
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

** - indicates frequency in Taiwan NCC LP0002 Restricted Band

Pk - Peak detector

RMS - RMS detection

AUTHORIZED BANDEGE (5230MHz) VERTICAL MCS7 EXTERNAL ANTENNA



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AT0072 AF (dB/m)	Amp/Cbl/Filtr/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* ** 5.15	45.58	Pk	34.3	-22.3	0	57.58	-	-	74	-16.42	144	254	V
2	* ** 5.148	49.9	Pk	34.3	-22.3	0	61.9	-	-	74	-12.1	144	254	V
3	* ** 5.15	33.26	RMS	34.3	-22.3	2.52	47.78	54	-6.22	-	-	144	254	V
4	* ** 5.149	33.95	RMS	34.3	-22.3	2.52	48.47	54	-5.53	-	-	144	254	V

* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

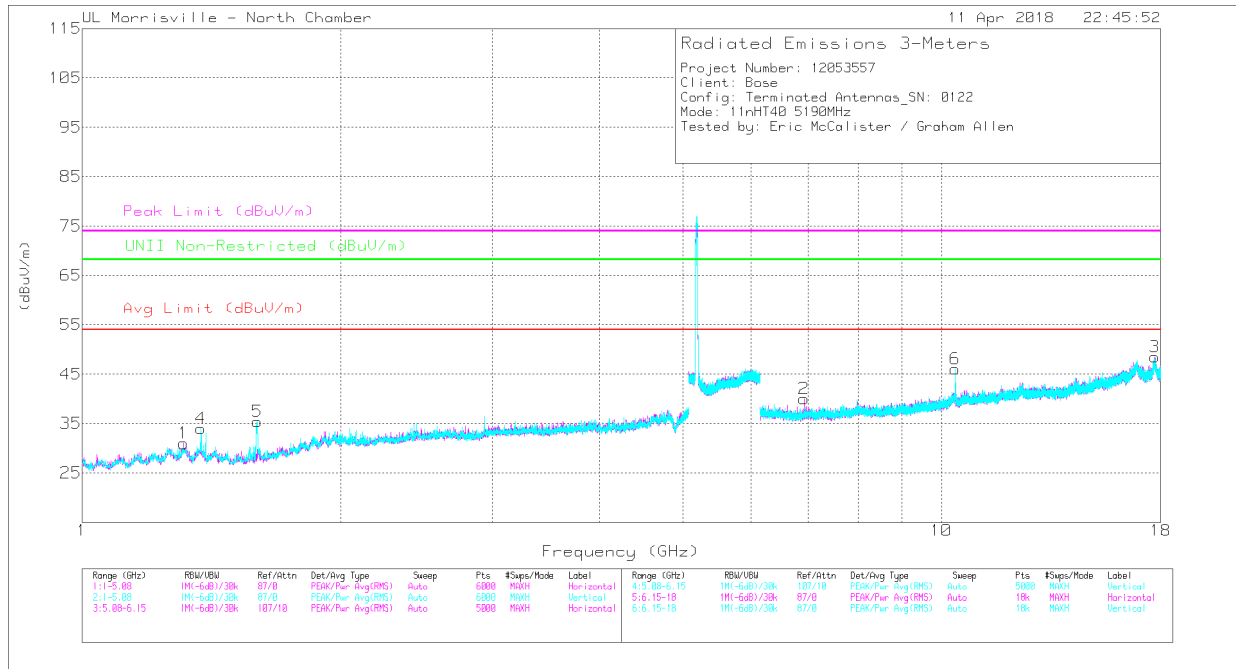
** - indicates frequency in Taiwan NCC LP0002 Restricted Band

Pk - Peak detector

RMS - RMS detection

HARMONICS AND SPURIOUS EMISSIONS

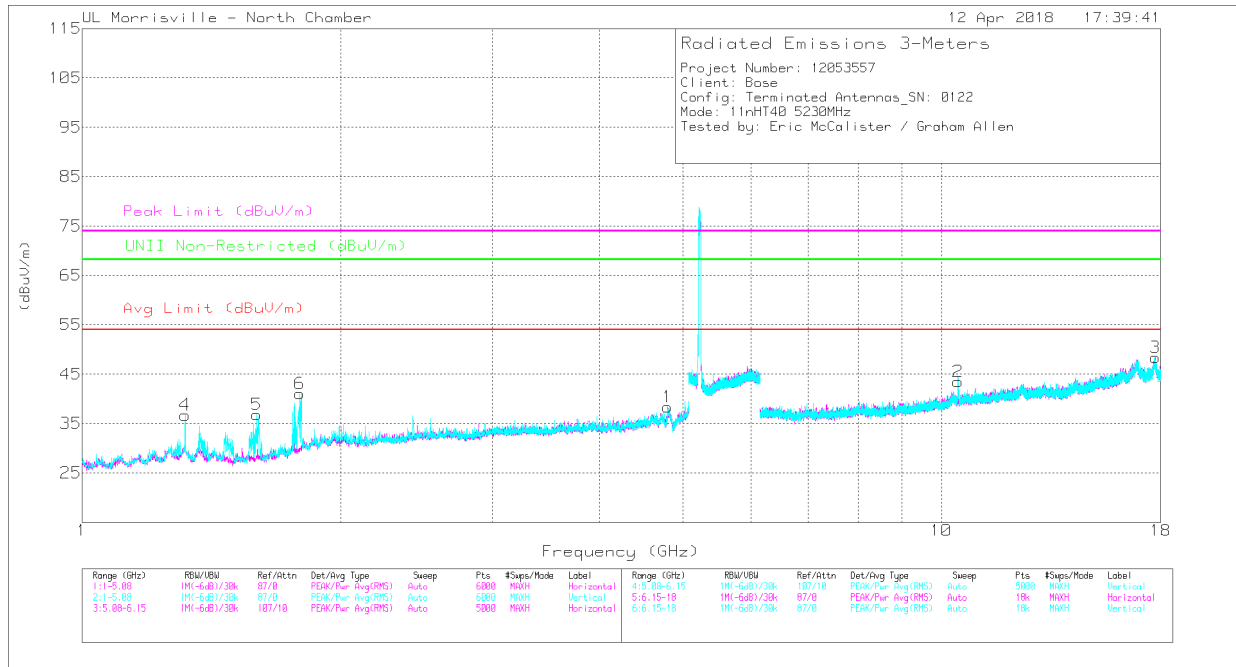
LOW CHANNEL



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AT0072 AF (dB/m)	Amp/Cbl/Ftr/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* ** 1.313	44.32	PK-U	29.2	-36.4	0	37.12	-	-	74	-36.88	-	-	243	235	H
	* ** 1.314	32.27	ADR	29.2	-36.4	2.52	27.59	54	-26.41	-	-	-	-	243	235	H
3	* ** 17.724	33.56	PK-U	41.2	-21.1	0	53.66	-	-	74	-20.34	-	-	282	308	H
	* ** 17.724	22.29	ADR	41.2	-21.1	2.52	44.91	54	-9.09	-	-	-	-	282	308	H
2	6.92	39.95	PK-U	35.5	-29.8	0	45.65	-	-	-	-	68.2	-22.55	288	107	H
4	* ** 1.375	46.89	PK-U	29	-36.2	0	39.69	-	-	74	-34.31	-	-	296	165	V
	* ** 1.374	32.43	ADR	29	-36.2	2.52	27.75	54	-26.25	-	-	-	-	296	165	V
5	* ** 1.599	59.58	PK-U	28	-35.9	0	51.68	-	-	74	-22.32	-	-	312	144	V
	* ** 1.6	34.78	ADR	28	-35.8	2.52	29.5	54	-24.5	-	-	-	-	312	144	V
6	10.377	40.34	PK-U	37.5	-26	0	51.84	-	-	-	-	68.2	-16.36	334	111	V

* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band
 ** - indicates frequency in Taiwan NCC LP0002 Restricted Band
 PK-U - U-NII: Maximum Peak
 ADR - U-NII AD primary method, RMS average

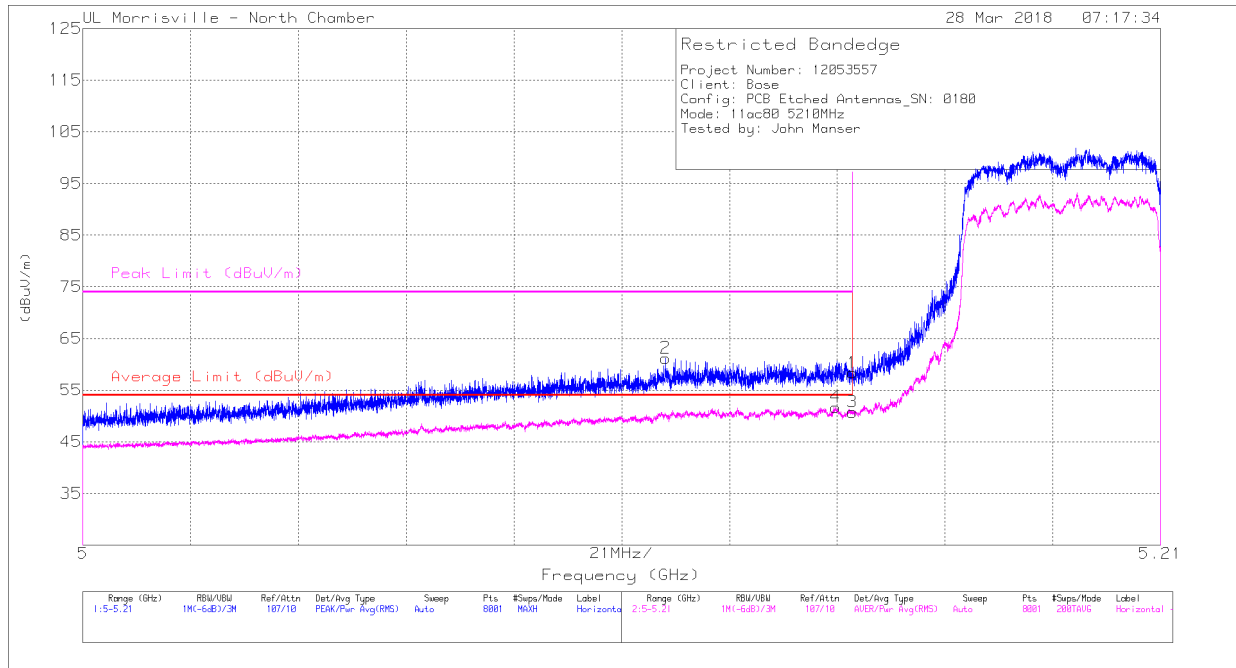
HIGH CHANNEL



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AT0072 AF (dB/m)	Amp/Cbl/Filtr/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	*** 4.8	41.17	PK-U	34.1	-31.2	0	44.07	-	-	74	-29.93	-	-	360	277	H
	*** 4.8	29.58	ADR	34.1	-31.2	2.52	35	54	-19	-	-	-	-	360	277	H
3	*** 17.737	34.29	PK-U	41.2	-21	0	54.49	-	-	74	-19.51	-	-	215	296	H
	*** 17.739	22.34	ADR	41.2	-21	2.52	45.06	54	-8.94	-	-	-	-	215	296	H
2	10.458	37.46	PK-U	37.5	-27.3	0	47.66	-	-	-	-	68.2	-20.54	317	279	H
4	*** 1.32	45.59	PK-U	29.2	-36.4	0	38.39	-	-	74	-35.61	-	-	287	114	V
	*** 1.317	32.2	ADR	29.2	-36.4	2.52	27.52	54	-26.48	-	-	-	-	287	114	V
5	*** 1.599	55.39	PK-U	28	-35.9	0	47.49	-	-	74	-26.51	-	-	313	171	V
	*** 1.599	32.61	ADR	28	-35.9	2.52	27.23	54	-26.77	-	-	-	-	313	171	V
6	1.794	44.98	PK-U	30.2	-35.9	0	39.28	-	-	-	-	68.2	-28.92	28	370	V

* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band
 ** - indicates frequency in Taiwan NCC LP0002 Restricted Band
 PK-U - U-NII: Maximum Peak
 ADR - U-NII AD primary method, RMS average

10.6. TX ABOVE 1 GHz 802.11ac VHT80 MODE IN THE 5.2 GHz BAND
RESTRICTED BANDEDGE (LOW CHANNEL) HORIZONTAL MCS0 PCB ANTENNA



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AT0072 AF (dB/m)	Amp/Cbl/Filtr/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* ** 5.15	46.76	Pk	34.3	-22.7	0	58.36	-	-	74	-15.64	203	112	H
2	* ** 5.114	49.59	Pk	34.3	-22.7	0	61.19	-	-	74	-12.81	203	112	H
3	* ** 5.15	35.54	RMS	34.3	-22.7	3.62	50.76	54	-3.24	-	-	203	112	H
4	* ** 5.147	36.58	RMS	34.3	-22.8	3.62	51.7	54	-2.3	-	-	203	112	H

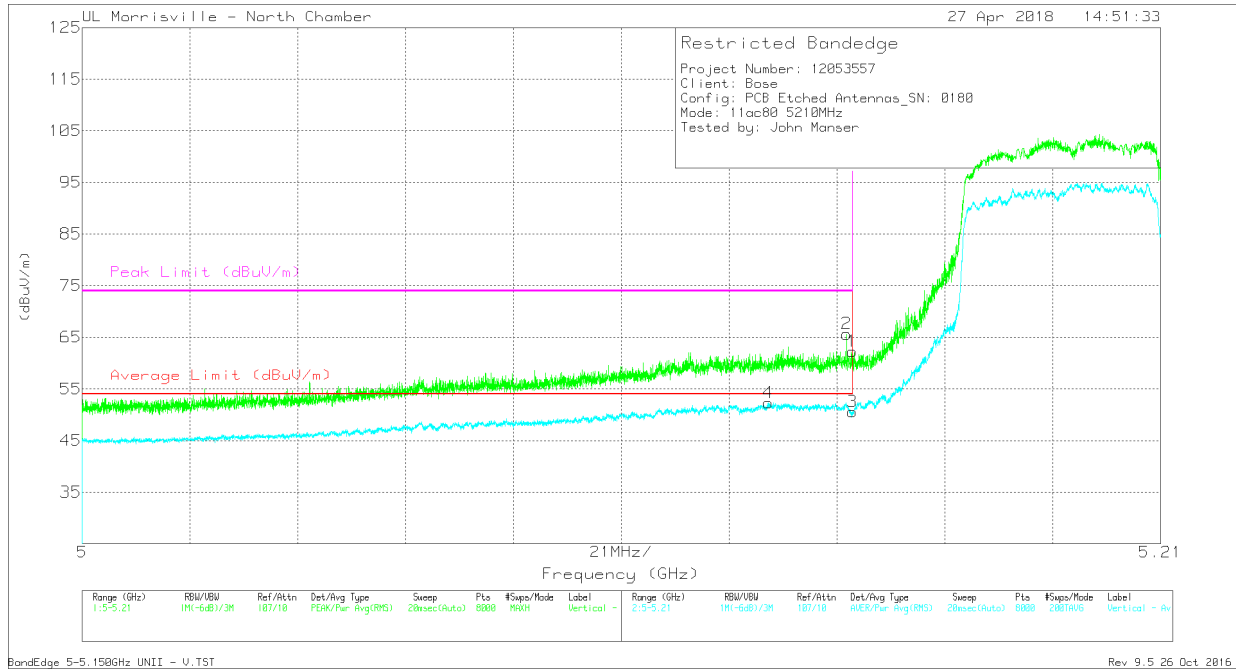
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

** - indicates frequency in Taiwan NCC LP0002 Restricted Band

Pk - Peak detector

RMS - RMS detection

RESTRICTED BANDEDGE (LOW CHANNEL) VERTICAL MCS0 PCB ANTENNA



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AT0067 AF (dB/m)	Amp/Cbl/Filtr/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* ** 5.15	50.74	Pk	34.2	-22.7	0	62.24	-	-	74	-11.76	19	143	V
2	* ** 5.149	54.25	Pk	34.2	-22.8	0	65.65	-	-	74	-8.35	19	143	V
3	* ** 5.15	35.48	RMS	34.2	-22.7	3.62	50.6	54	-3.4	-	-	19	143	V
4	* ** 5.134	37.39	RMS	34.1	-22.8	3.62	52.31	54	-1.69	-	-	19	143	V

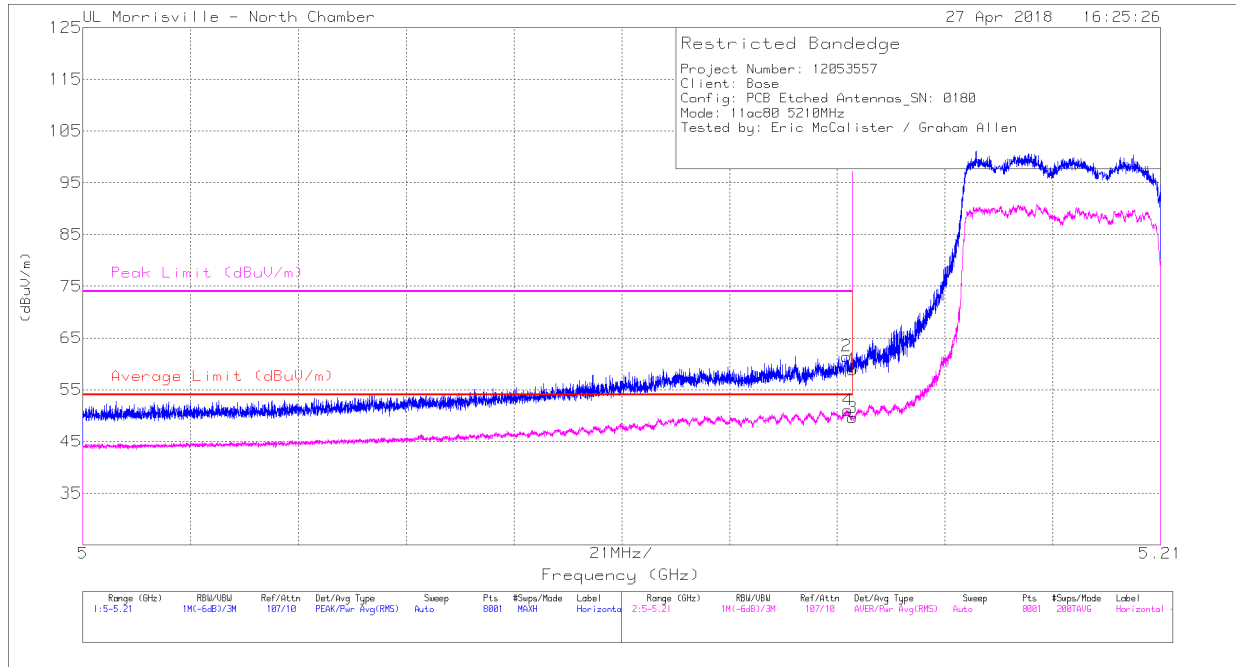
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

** - indicates frequency in Taiwan NCC LP0002 Restricted Band

Pk - Peak detector

RMS - RMS detection

RESTRICTED BANDEGE (LOW CHANNEL) HORIZONTAL MCS9 PCB ANTENNA



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AT0067 AF (dB/m)	Amp/Cbl/Filtr/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* ** 5.15	47.35	Pk	34.2	-22.7	0	58.85	-	-	74	-15.15	194	144	H
2	* ** 5.149	50.06	Pk	34.2	-22.8	0	61.46	-	-	74	-12.54	194	144	H
3	* ** 5.15	34.46	RMS	34.2	-22.7	3.62	49.58	54	-4.42	-	-	194	144	H
4	* ** 5.149	35.98	RMS	34.2	-22.8	3.62	51	54	-3	-	-	194	144	H

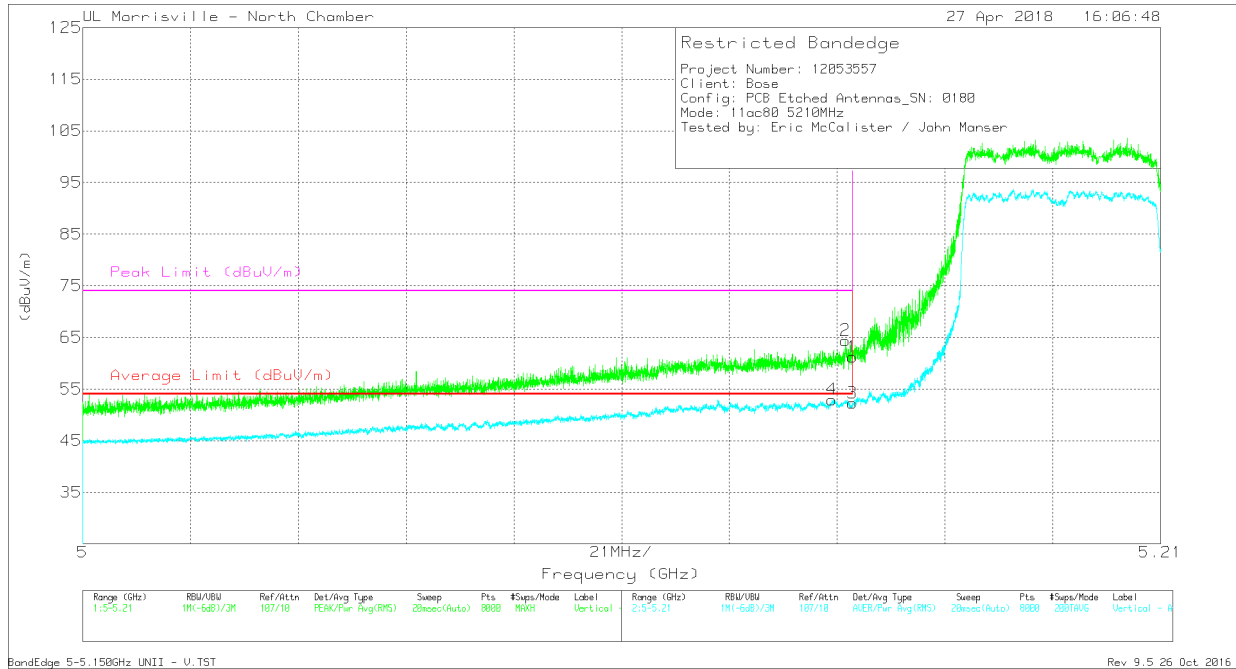
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

** - indicates frequency in Taiwan NCC LP0002 Restricted Band

Pk - Peak detector

RMS - RMS detection

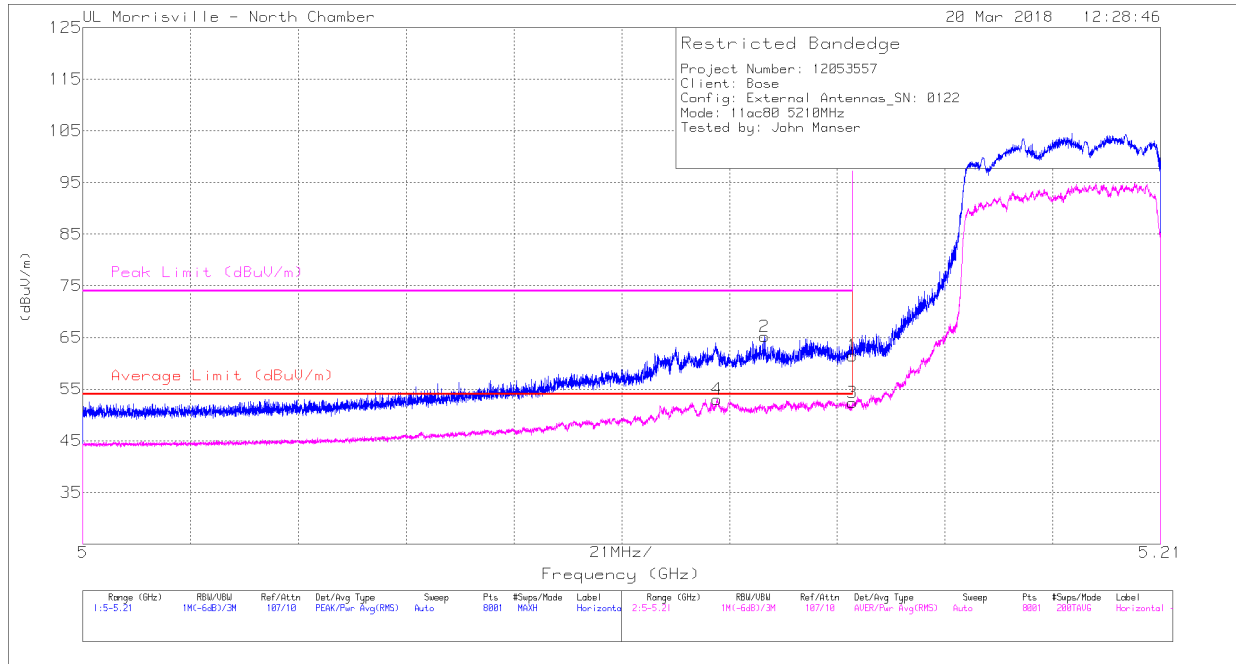
RESTRICTED BANDEDGE (LOW CHANNEL) VERTICAL MCS9 PCB ANTENNA



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AT0067 AF (dB/m)	Amp/Cbl/Filtr/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	*** 5.15	49.67	Pk	34.2	-22.7	0	61.17	-	-	74	-12.83	53	167	V
2	*** 5.149	52.99	Pk	34.2	-22.8	0	64.39	-	-	74	-9.61	53	167	V
3	*** 5.15	37.15	RMS	34.2	-22.7	3.62	52.27	54	-1.73	-	-	53	167	V
4	*** 5.146	37.93	RMS	34.2	-22.8	3.62	52.95	54	-1.05	-	-	53	167	V

* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band
 ** - indicates frequency in Taiwan NCC LP0002 Restricted Band
 Pk - Peak detector
 RMS - RMS detection
 Ban

RESTRICTED BANDEDGE (LOW CHANNEL) HORIZONTAL MCS0 EXTERNAL ANTENNA



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AT0072 AF (dB/m)	Amp/Cbl/Filtr/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	*** 5.15	49.48	Pk	34.3	-22.3	0	61.48	-	-	74	-12.52	262	128	H
2	*** 5.133	53.07	Pk	34.3	-22.2	0	65.17	-	-	74	-8.83	262	128	H
3	*** 5.15	36.74	RMS	34.3	-22.3	3.62	52.36	54	-1.64	-	-	262	128	H
4	*** 5.124	37.19	RMS	34.3	-22.1	3.62	53.01	54	-9.9	-	-	262	128	H

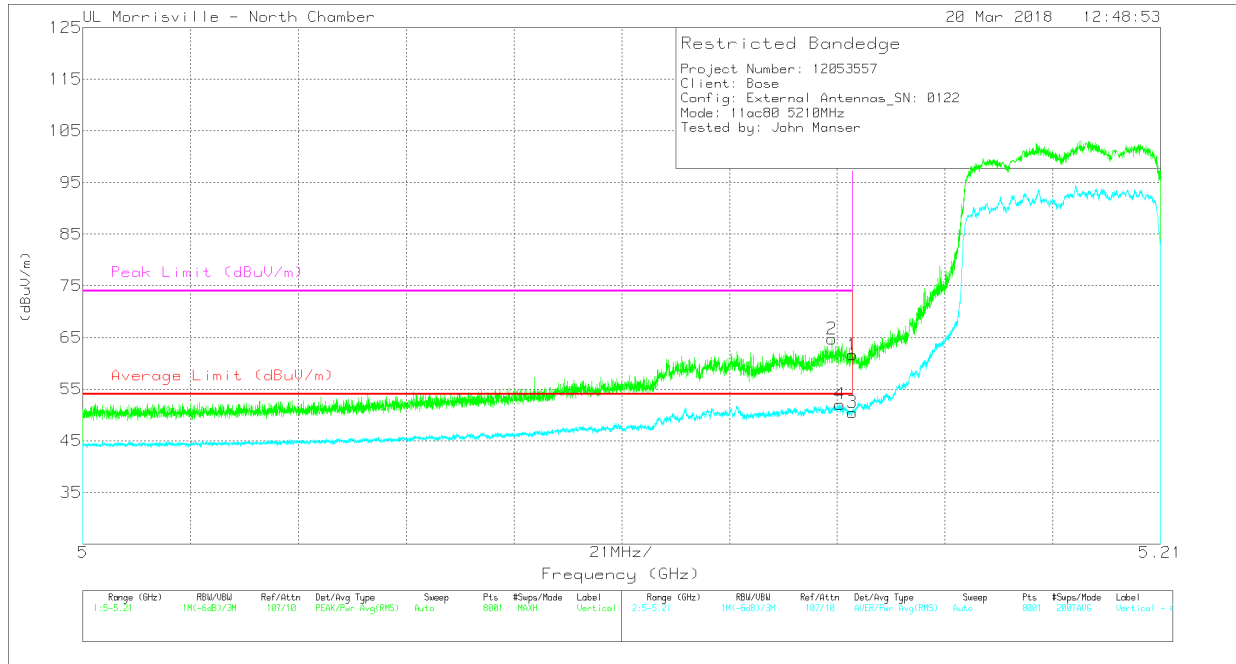
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

** - indicates frequency in Taiwan NCC LP0002 Restricted Band

Pk - Peak detector

RMS - RMS detection

RESTRICTED BANDEDGE (LOW CHANNEL) VERTICAL MCS0 EXTERNAL ANTENNA



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AT0072 AF (dB/m)	Amp/Cbl/Filtr/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	*** 5.15	49.66	Pk	34.3	-22.3	0	61.66	-	-	74	-12.34	117	274	V
2	*** 5.146	52.71	Pk	34.3	-22.3	0	64.71	-	-	74	-9.29	117	274	V
3	*** 5.15	34.87	RMS	34.3	-22.3	3.62	50.49	54	-3.51	-	-	117	274	V
4	*** 5.148	36.46	RMS	34.3	-22.3	3.62	52.08	54	-1.92	-	-	117	274	V

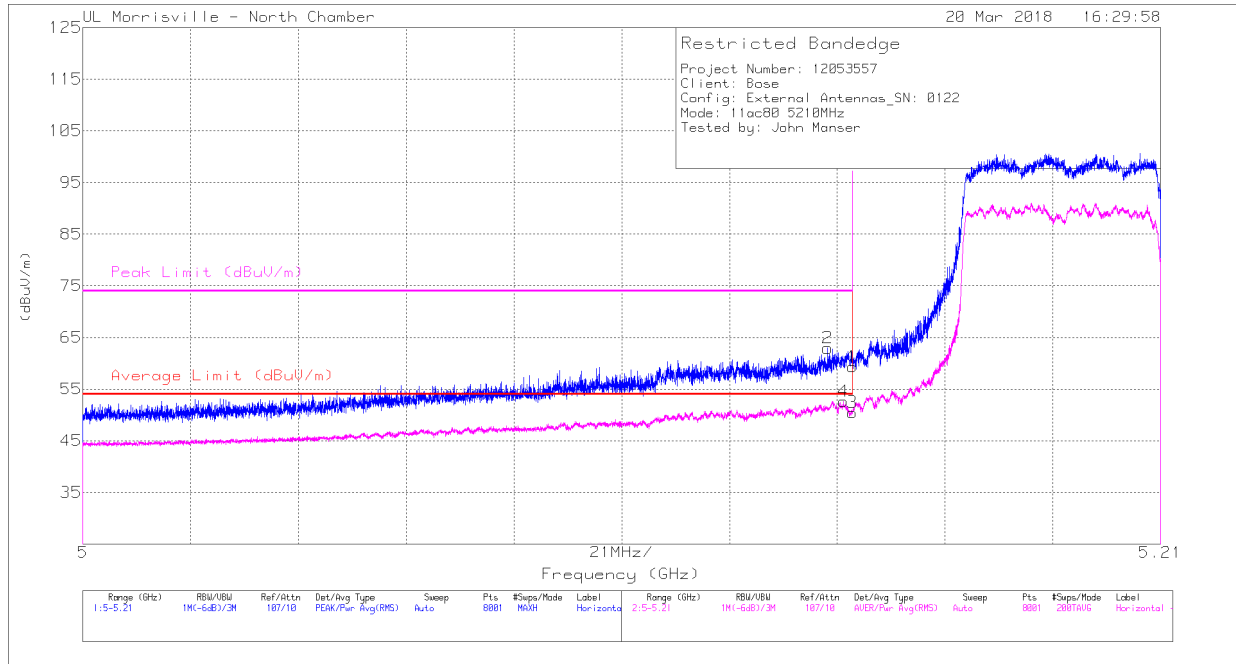
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

** - indicates frequency in Taiwan NCC LP0002 Restricted Band

Pk - Peak detector

RMS - RMS detection

RESTRICTED BANDEDGE (LOW CHANNEL) HORIZONTAL MCS9 EXTERNAL ANTENNA



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AT0072 AF (dB/m)	Amp/Cbl/Filtr/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* ** 5.15	47.32	Pk	34.3	-22.3	0	59.32	-	-	74	-14.68	27	302	H
2	* ** 5.145	50.94	Pk	34.3	-22.3	0	62.94	-	-	74	-11.06	27	302	H
3	* ** 5.15	34.84	RMS	34.3	-22.3	3.62	50.46	54	-3.54	-	-	27	302	H
4	* ** 5.148	37	RMS	34.3	-22.3	3.62	52.62	54	-1.38	-	-	27	302	H

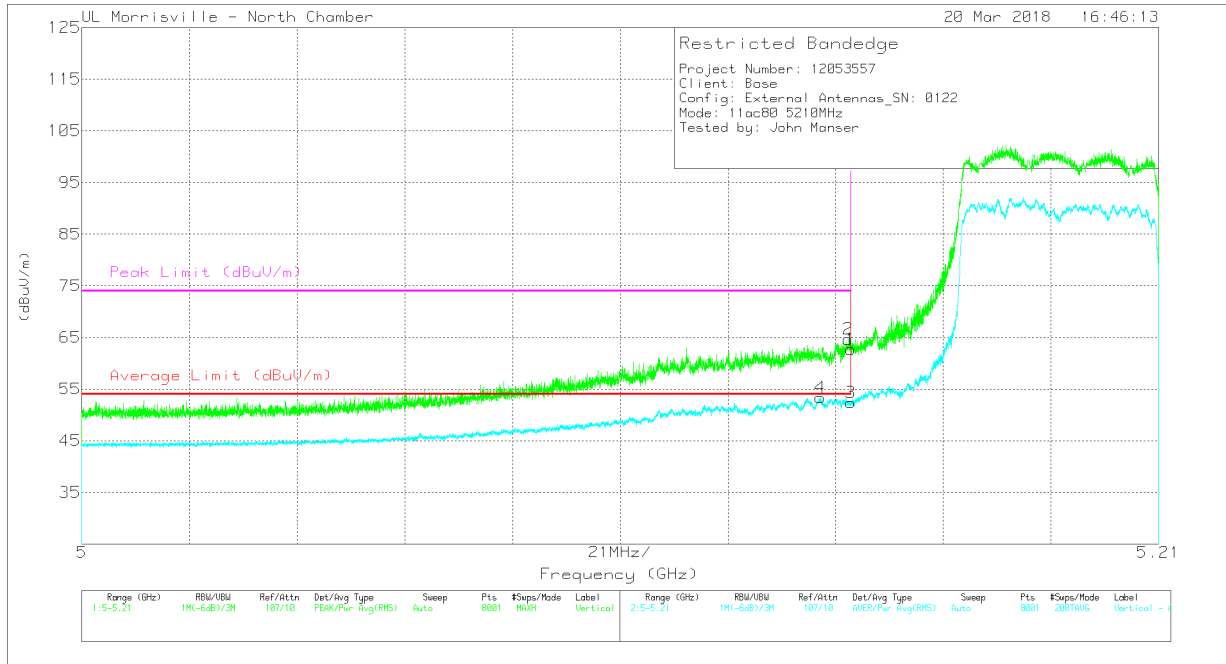
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

** - indicates frequency in Taiwan NCC LP0002 Restricted Band

Pk - Peak detector

RMS - RMS detection

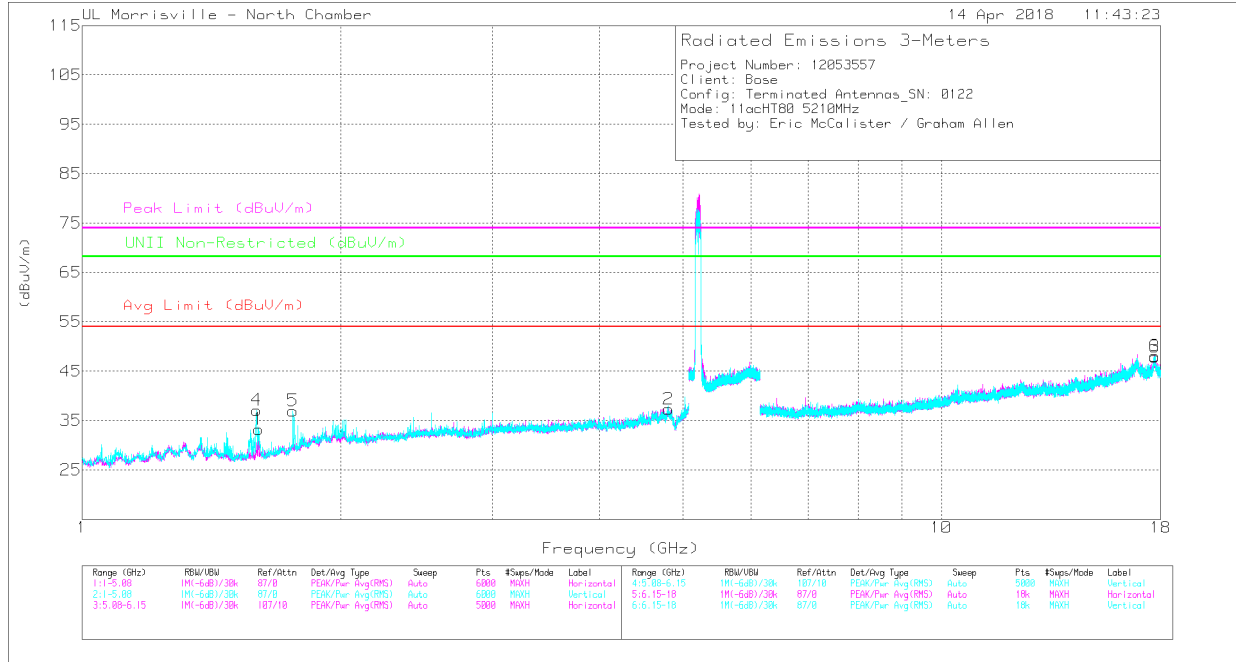
RESTRICTED BANDEDGE (LOW CHANNEL) VERTICAL MCS9 EXTERNAL ANTENNA



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AT0072 AF (dB/m)	Amp/Cbl/Filtr/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	*** 5.15	50.71	Pk	34.3	-22.3	0	62.71	-	-	74	-11.29	144	231	V
2	*** 5.149	52.64	Pk	34.3	-22.3	0	64.64	-	-	74	-9.36	144	231	V
3	*** 5.15	36.75	RMS	34.3	-22.3	3.62	52.37	54	-1.63	-	-	144	231	V
4	*** 5.144	37.72	RMS	34.3	-22.3	3.62	53.34	54	-0.66	-	-	144	231	V

* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band
 ** - indicates frequency in Taiwan NCC LP0002 Restricted Band
 Pk - Peak detector
 RMS - RMS detection

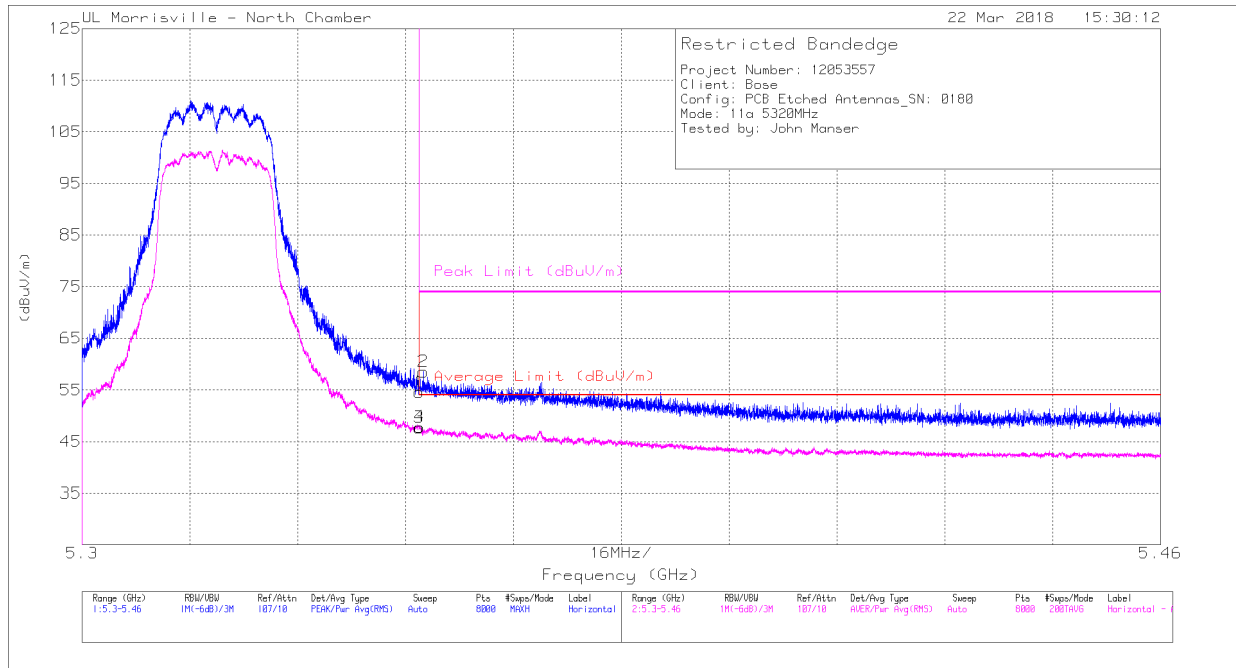
HARMONICS AND SPURIOUS EMISSIONS



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AT0072 AF (dB/m)	Amp/Cbl/Filtr/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	*** 1.604	51.55	PK-U	28.1	-35.8	0	43.85	-	-	74	-30.15	-	-	267	123	H
	*** 1.604	32.82	ADR	28.1	-35.8	3.62	28.74	54	-25.26	-	-	-	-	267	123	H
2	*** 4.814	41.18	PK-U	34.1	-31.1	0	44.18	-	-	74	-29.82	-	-	322	172	H
	*** 4.816	29.64	ADR	34.1	-31.1	3.62	36.26	54	-17.74	-	-	-	-	322	172	H
4	*** 1.595	58.44	PK-U	27.9	-35.9	0	50.44	-	-	74	-23.56	-	-	306	172	V
	*** 1.596	34.27	ADR	28	-35.9	3.62	29.99	54	-24.01	-	-	-	-	306	172	V
3	*** 17.725	33.83	PK-U	41.2	-21.1	0	53.93	-	-	74	-20.07	-	-	289	127	H
	*** 17.727	22.54	ADR	41.2	-21.1	3.62	46.26	54	-7.74	-	-	-	-	289	127	H
6	*** 17.729	34.08	PK-U	41.2	-21	0	54.28	-	-	74	-19.72	-	-	242	133	V
	*** 17.727	22.55	ADR	41.2	-21.1	3.62	46.27	54	-7.73	-	-	-	-	242	133	V
5	1.761	54.89	PK-U	29.5	-35.8	0	48.59	-	-	-	-	68.2	-19.61	176	107	V

* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band
 ** - indicates frequency in Taiwan NCC LP0002 Restricted Band
 PK-U - U-NII: Maximum Peak
 ADR - U-NII AD primary method, RMS average

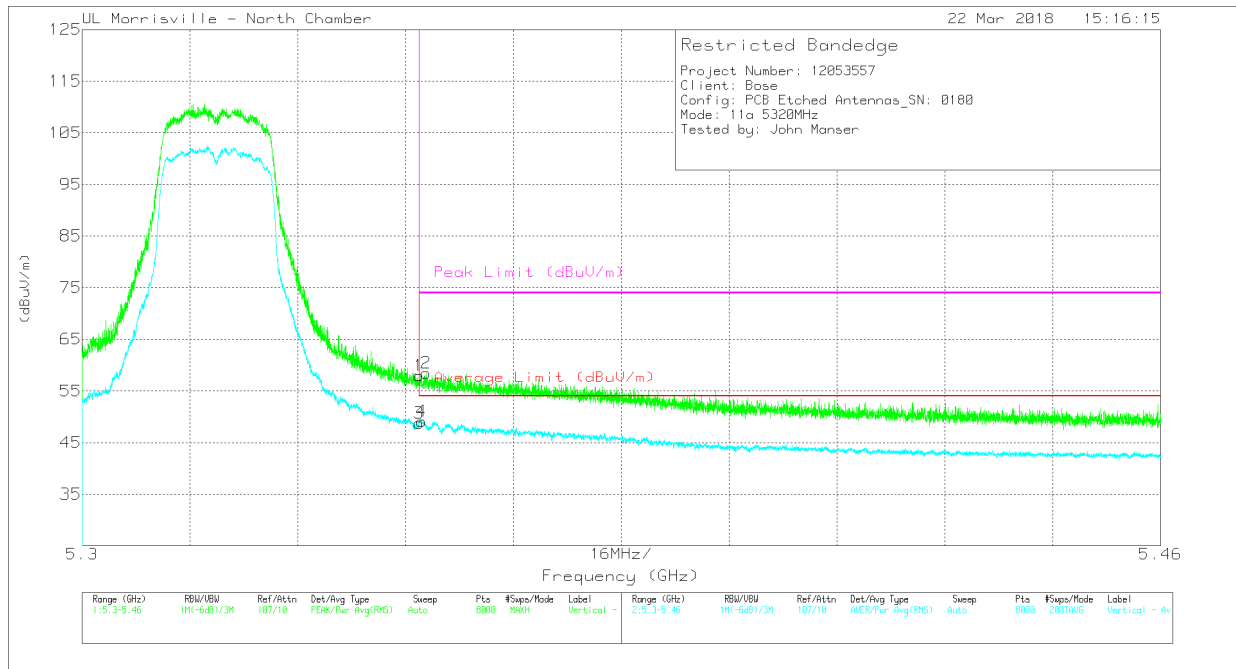
10.7. TX ABOVE 1 GHz 802.11a MODE IN THE 5.3 GHz BAND
AUTHORIZED BANDEDGE (HIGH CHANNEL) HORIZONTAL 6Mbps PCB ANTENNA



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AT0069 AF (dB/m)	Amp/Cbl/Filtr/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* ** 5.35	43.4	Pk	34.4	-23.2	0	54.6	-	-	74	-19.4	270	207	H
2	* ** 5.351	47.33	Pk	34.4	-23.2	0	58.53	-	-	74	-15.47	270	207	H
3	* ** 5.35	33.4	RMS	34.4	-23.2	3.41	48.01	54	-5.99	-	-	270	207	H
4	* ** 5.35	33.5	RMS	34.4	-23.2	3.41	48.11	54	-5.89	-	-	270	207	H

* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band
 ** - indicates frequency in Taiwan NCC LP0002 Restricted Band
 Pk - Peak detector
 RMS - RMS detection

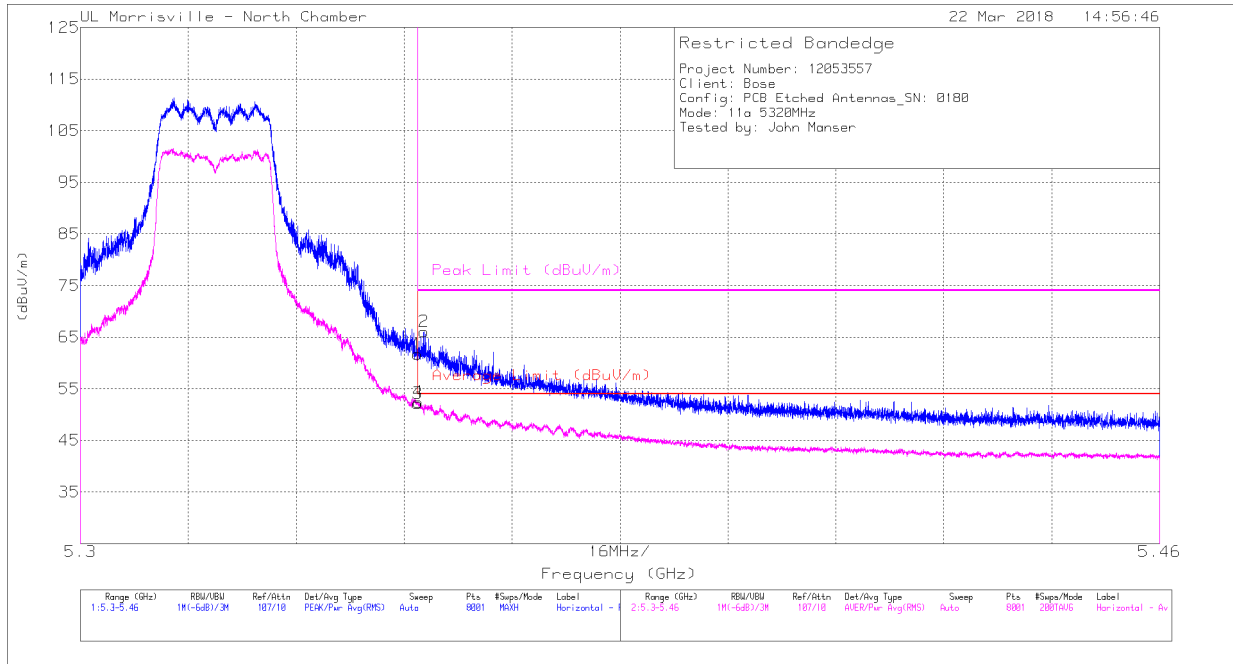
AUTHORIZED BANDEDGE (HIGH CHANNEL) VERTICAL 6Mbps PCB ANTENNA



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AT0069 AF (dB/m)	Amp/Cbl/Filtr/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	*** 5.35	46.79	Pk	34.4	-23.2	0	57.99	-	-	74	-16.01	152	199	V
2	*** 5.351	47.25	Pk	34.4	-23.2	0	58.45	-	-	74	-15.55	152	199	V
3	*** 5.35	34.43	RMS	34.4	-23.2	3.41	49.04	54	-4.96	-	-	152	199	V
4	*** 5.35	34.81	RMS	34.4	-23.2	3.41	49.42	54	-4.58	-	-	152	199	V

* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band
 ** - indicates frequency in Taiwan NCC LP0002 Restricted Band
 Pk - Peak detector
 RMS - RMS detection

AUTHORIZED BANDEDGE (HIGH CHANNEL) HORIZONTAL 54Mbps PCB ANTENNA



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AT0069 AF (dB/m)	Amp/Cbl/Filtr/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	*** 5.35	50.5	Pk	34.4	-23.2	0	61.7	-	-	74	-12.3	171	160	H
2	** 5.351	54.87	Pk	34.4	-23.2	0	66.07	-	-	74	-7.93	171	160	H
3	*** 5.35	37.51	RMS	34.4	-23.2	3.41	52.12	54	-1.88	-	-	171	160	H
4	*** 5.35	37.79	RMS	34.4	-23.2	3.41	52.4	54	-1.6	-	-	171	160	H

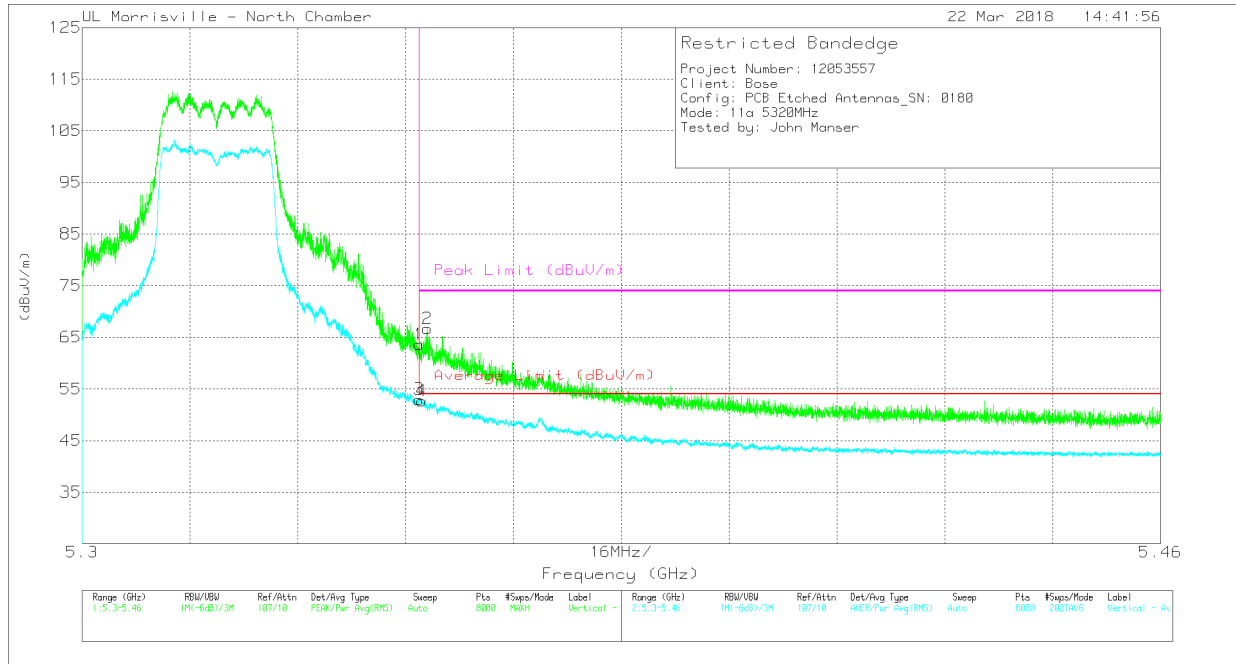
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

** - indicates frequency in Taiwan NCC LP0002 Restricted Band

Pk - Peak detector

RMS - RMS detection

AUTHORIZED BANDEDGE (HIGH CHANNEL) VERTICAL 54Mbps PCB ANTENNA



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AT0069 AF (dB/m)	Amp/Cbl/Filtr/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	*** 5.35	52.38	Pk	34.4	-23.2	0	63.58	-	-	74	-10.42	30	115	V
2	** 5.351	55.45	Pk	34.4	-23.2	0	66.65	-	-	74	-7.35	30	115	V
3	*** 5.35	38.66	RMS	34.4	-23.2	3.41	53.27	54	-0.73	-	-	30	115	V
4	*** 5.35	38.36	RMS	34.4	-23.2	3.41	52.97	54	-1.03	-	-	30	115	V

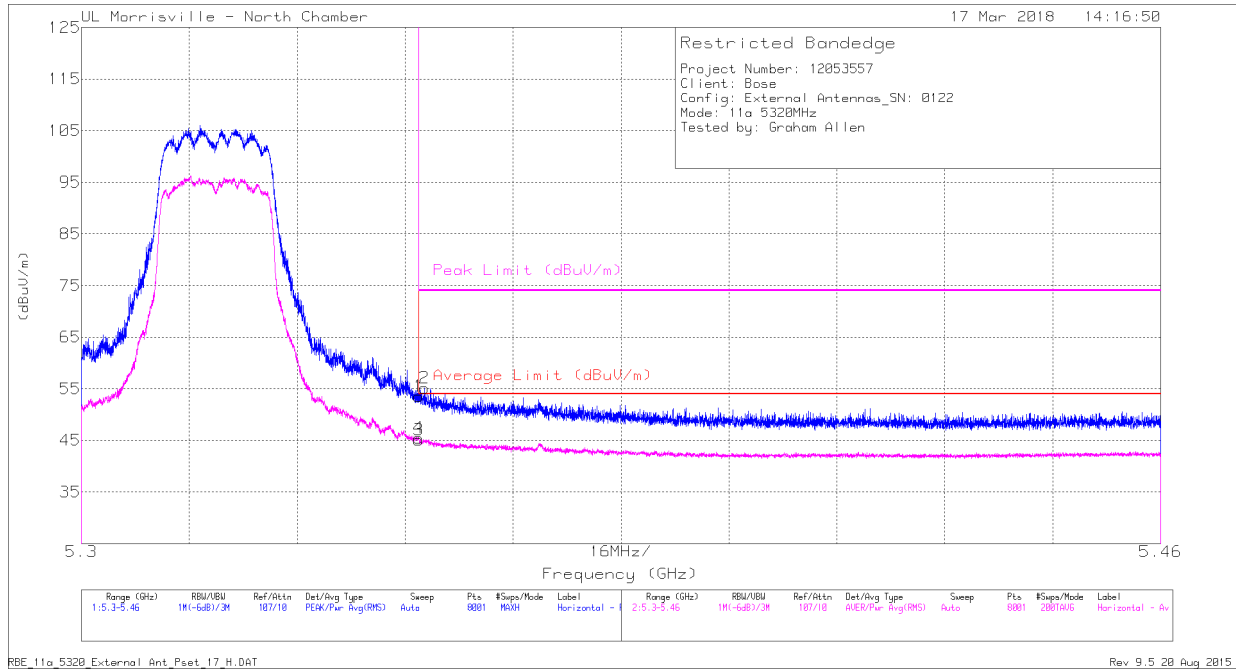
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

** - indicates frequency in Taiwan NCC LP0002 Restricted Band

Pk - Peak detector

RMS - RMS detection

RESTRICTED BANDEDGE (HIGH CHANNEL) HORIZONTAL 6Mbps EXTERNAL ANTENNA



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AT0072 AF (dB/m)	Amp/Cbl/Filtr/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	*** 5.35	41.76	Pk	34.4	-22.6	0	53.56	-	-	74	-20.44	243	216	H
2	** 5.351	43.33	Pk	34.4	-22.6	0	55.13	-	-	74	-18.87	243	216	H
3	*** 5.35	29.88	RMS	34.4	-22.6	3.41	45.09	54	-8.91	-	-	243	216	H
4	*** 5.35	30.21	RMS	34.4	-22.6	3.41	45.42	54	-8.58	-	-	243	216	H

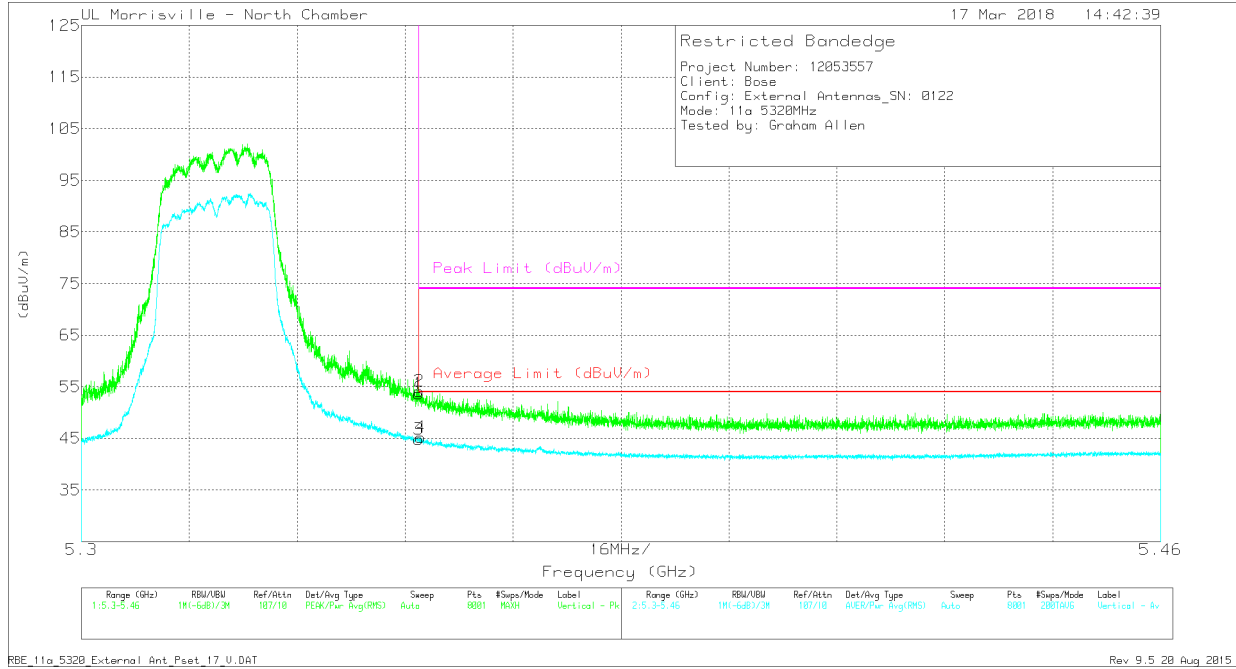
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

** - indicates frequency in Taiwan NCC LP0002 Restricted Band

Pk - Peak detector

RMS - RMS detection

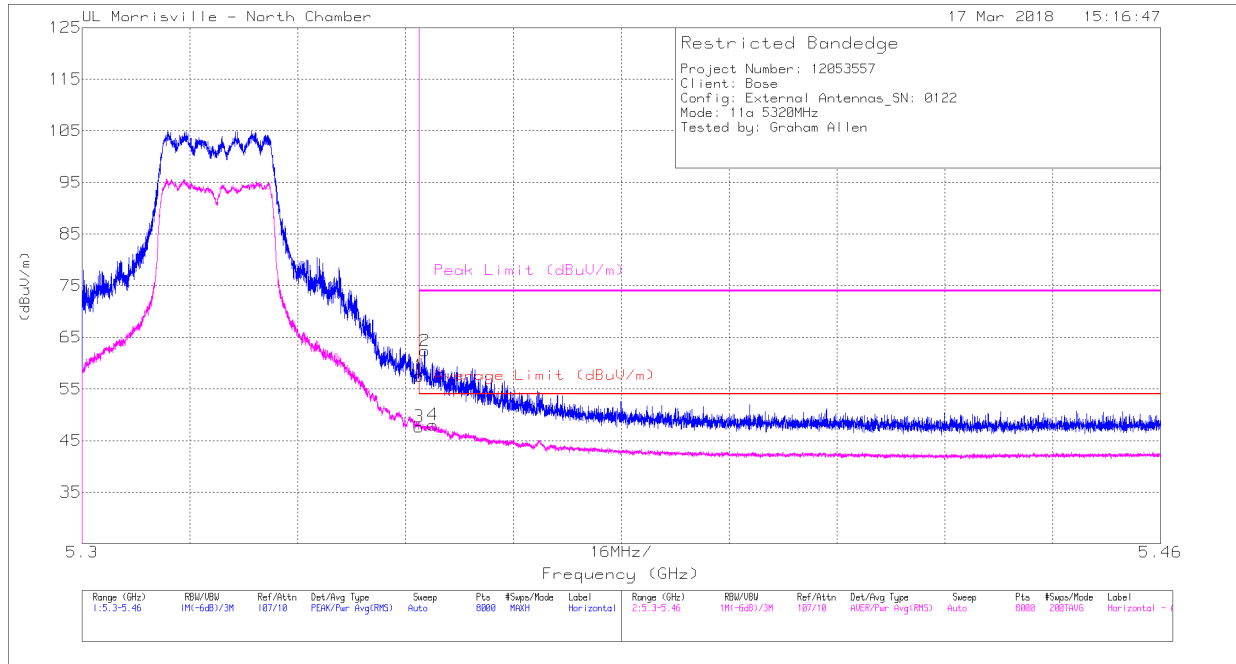
RESTRICTED BANDEDGE (HIGH CHANNEL) VERTICAL 6Mbps EXTERNAL ANTENNA



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AT0072 AF (dB/m)	Amp/Cbl/Filtr/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	*** 5.35	41.85	Pk	34.4	-22.6	0	53.65	-	-	74	-20.35	146	356	V
2	*** 5.35	42.38	Pk	34.4	-22.6	0	54.18	-	-	74	-19.82	146	356	V
3	*** 5.35	29.66	RMS	34.4	-22.6	3.41	44.87	54	-9.13	-	-	146	356	V
4	*** 5.35	30.01	RMS	34.4	-22.6	3.41	45.22	54	-8.78	-	-	146	356	V

* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band
 ** - indicates frequency in Taiwan NCC LP0002 Restricted Band
 Pk - Peak detector
 RMS - RMS detection

RESTRICTED BANDEDGE (HIGH CHANNEL) HORIZONTAL 54Mbps EXTERNAL ANTENNA



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AT0072 AF (dB/m)	Amp/Cbl/Filtr/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	*** 5.35	45.75	Pk	34.4	-22.6	0	57.55	-	-	74	-16.45	236	330	H
2	** 5.351	50.59	Pk	34.4	-22.6	0	62.39	-	-	74	-11.61	236	330	H
3	*** 5.35	32.75	RMS	34.4	-22.6	3.41	47.96	54	-6.04	-	-	236	330	H
4	*** 5.352	33.13	RMS	34.4	-22.6	3.41	48.34	54	-5.66	-	-	236	330	H

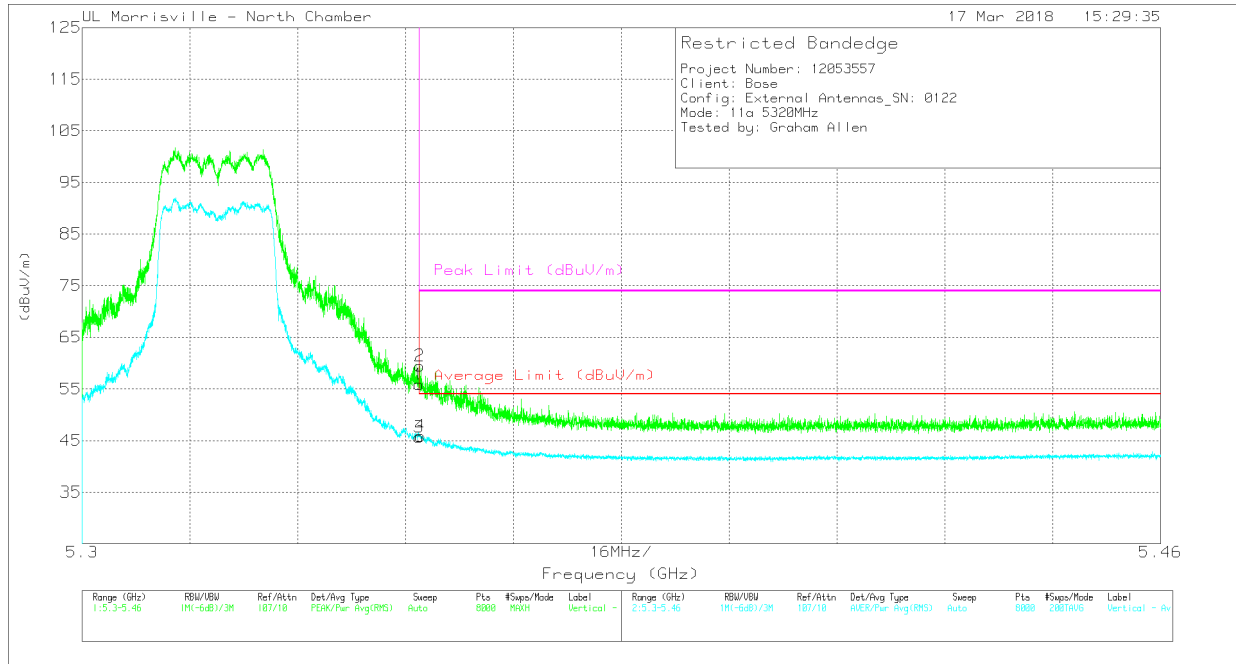
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

** - indicates frequency in Taiwan NCC LP0002 Restricted Band

Pk - Peak detector

RMS - RMS detection

RESTRICTED BANDEDGE (HIGH CHANNEL) VERTICAL 54Mbps EXTERNAL ANTENNA



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AT0072 AF (dB/m)	Amp/Cbl/Filtr/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	*** 5.35	44.06	Pk	34.4	-22.6	0	55.86	-	-	74	-18.14	181	332	V
2	*** 5.35	47.67	Pk	34.4	-22.6	0	59.47	-	-	74	-14.53	181	332	V
3	*** 5.35	30.78	RMS	34.4	-22.6	3.41	45.99	54	-8.01	-	-	181	332	V
4	*** 5.35	30.95	RMS	34.4	-22.6	3.41	46.16	54	-7.84	-	-	181	332	V

* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

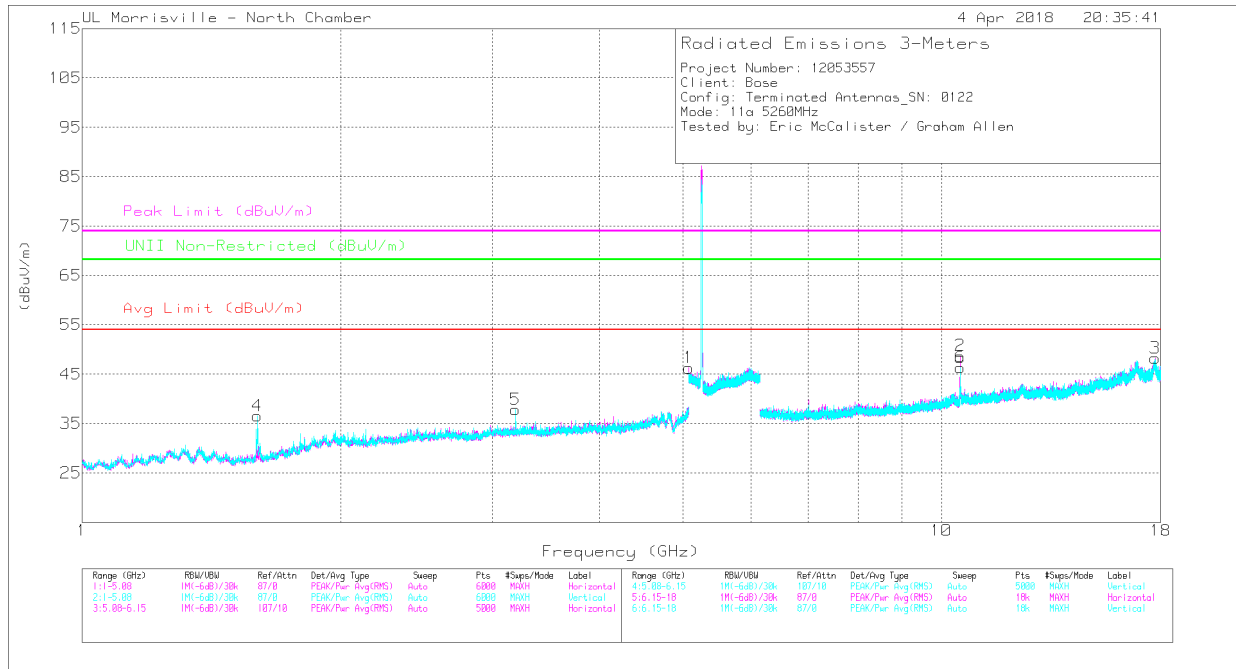
** - indicates frequency in Taiwan NCC LP0002 Restricted Band

Pk - Peak detector

RMS - RMS detection

HARMONICS AND SPURIOUS EMISSIONS

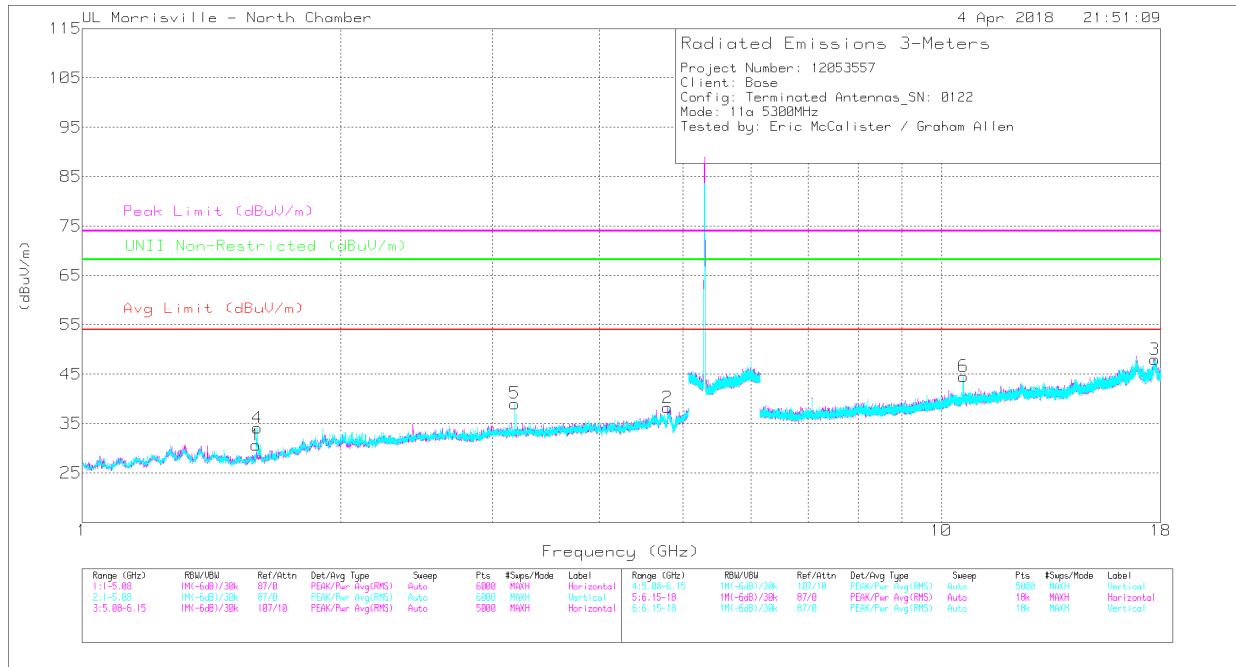
LOW CHANNEL



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AT0072 AF (dB/m)	Amp/Cbl/Filtr/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
4	*** 1.598	55.43	PK-U	28	-35.9	0	47.53	-	-	74	-26.47	-	-	320	124	V
	*** 1.599	33.37	ADR	28	-35.9	3.41	28.88	54	-25.12	-	-	-	-	320	124	V
1	*** 5.081	40.19	PK-U	34.2	-22.6	0	51.79	-	-	74	-22.21	-	-	121	198	H
	*** 5.082	27.77	ADR	34.2	-22.6	3.41	42.78	54	-11.22	-	-	-	-	121	198	H
3	*** 17.735	34.6	PK-U	41.2	-21	0	54.8	-	-	74	-19.2	-	-	69	340	H
	*** 17.737	22.39	ADR	41.2	-21	3.41	46	54	-8	-	-	-	-	69	340	H
5	3.194	48.72	PK-U	32.9	-33.9	0	47.72	-	-	-	-	68.2	-20.48	317	165	V
2	10.521	43.88	PK-U	37.6	-26.9	0	54.58	-	-	-	-	68.2	-13.62	313	119	H
6	10.522	42.33	PK-U	37.6	-26.9	0	53.03	-	-	-	-	68.2	-15.17	344	124	V

* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band
 ** - indicates frequency in Taiwan NCC LP0002 Restricted Band
 PK-U - U-NII: Maximum Peak
 ADR - U-NII AD primary method, RMS average

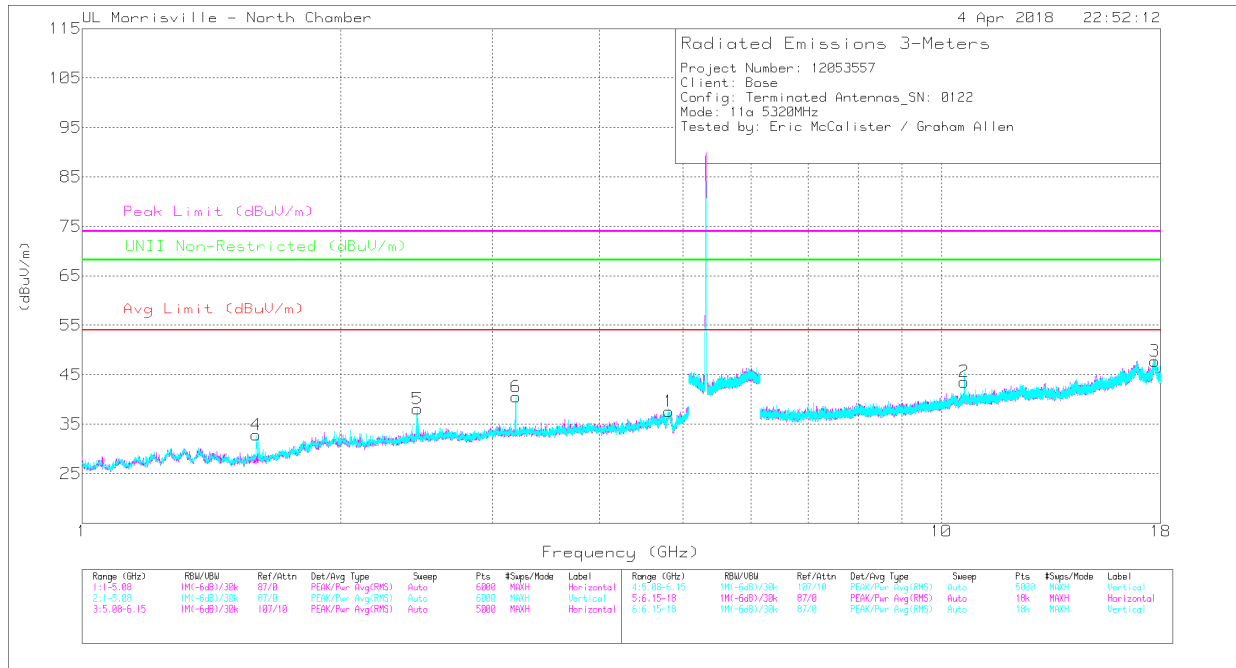
MID CHANNEL



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AT0072 AF (dB/m)	Amp/Cbl/Filtr/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	*** 1.596	44.14	PK-U	27.9	-35.9	0	36.14	-	-	74	-37.86	-	-	290	368	H
	*** 1.596	31.06	ADR	27.9	-35.9	3.41	26.47	54	-27.53	-	-	-	-	290	368	H
2	*** 4.803	41.78	PK-U	34.1	-31.1	0	44.78	-	-	74	-29.22	-	-	115	110	H
	*** 4.806	29.84	ADR	34.1	-31.1	3.41	36.25	54	-17.75	-	-	-	-	115	110	H
4	*** 1.599	53.85	PK-U	28	-35.9	0	45.95	-	-	74	-28.05	-	-	307	202	V
	*** 1.599	32.48	ADR	28	-35.9	3.41	27.99	54	-26.01	-	-	-	-	307	202	V
3	*** 17.715	33.48	PK-U	41.2	-21.5	0	53.18	-	-	74	-20.82	-	-	221	234	H
	*** 17.715	22.36	ADR	41.2	-21.5	3.41	45.47	54	-8.53	-	-	-	-	221	234	H
6	*** 10.612	37.8	PK-U	37.6	-25.9	0	49.5	-	-	74	-24.5	-	-	318	102	V
	*** 10.612	25.21	ADR	37.6	-25.9	3.41	40.32	54	-13.68	-	-	-	-	318	102	V
5	3.188	48.12	PK-U	32.8	-33.9	0	47.02	-	-	-	-	68.2	-21.18	321	137	V

* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band
 ** - indicates frequency in Taiwan NCC LP0002 Restricted Band
 PK-U - U-NII: Maximum Peak
 ADR - U-NII AD primary method, RMS average

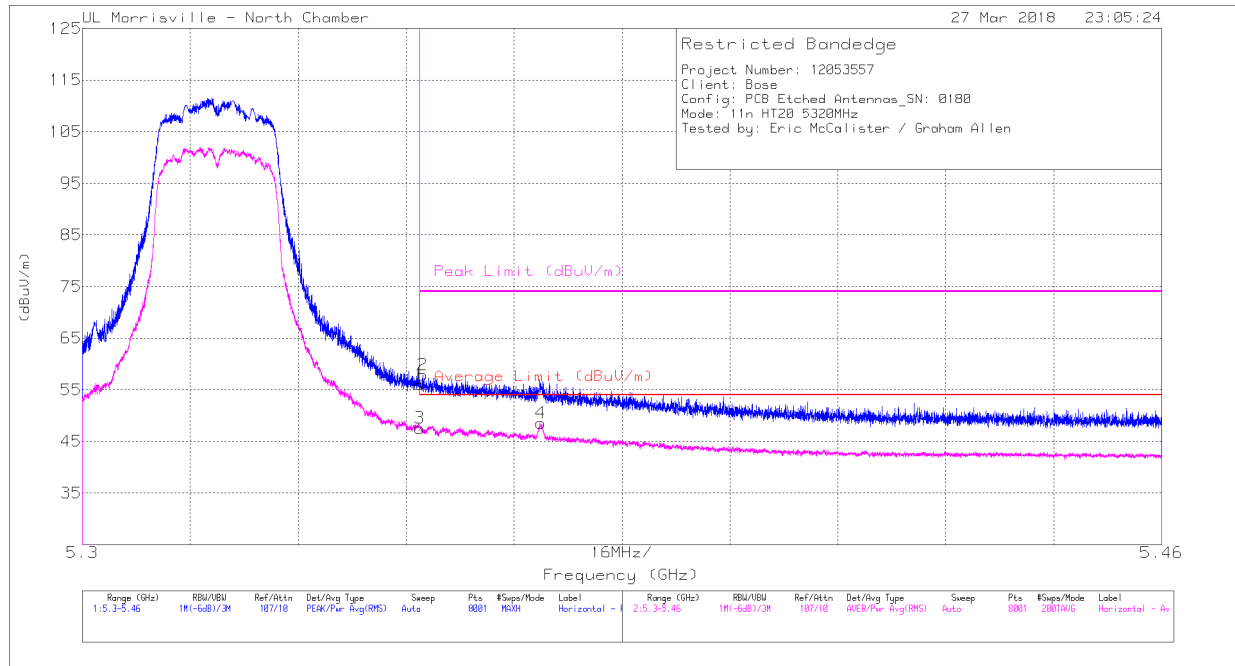
HIGH CHANNEL



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AT0072 AF (dB/m)	Amp/Cbl/Filtr/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* ** 4.813	41.49	PK-U	34.1	-31.1	0	44.49	-	-	74	-29.51	-	-	107	370	H
	* ** 4.816	29.65	ADR	34.1	-31.1	3.41	36.06	54	-17.94	-	-	-	-	107	370	H
4	* ** 1.597	54.79	PK-U	28	-35.9	0	46.89	-	-	74	-27.11	-	-	309	125	V
	* ** 1.596	32.58	ADR	27.9	-35.9	3.41	27.99	54	-26.01	-	-	-	-	309	125	V
2	* ** 10.632	37.97	PK-U	37.7	-25.8	0	49.87	-	-	74	-24.13	-	-	323	113	H
	* ** 10.633	25.29	ADR	37.7	-25.7	3.41	40.7	54	-13.3	-	-	-	-	323	113	H
3	* ** 17.72	34.08	PK-U	41.2	-21.3	0	53.98	-	-	74	-20.02	-	-	317	183	H
	* ** 17.718	22.14	ADR	41.2	-21.4	3.41	45.35	54	-8.65	-	-	-	-	317	183	H
5	2.458	42.54	PK-U	32.3	-34.4	0	40.44	-	-	-	-	68.2	-27.76	227	389	V
6	3.197	46.79	PK-U	32.9	-33.9	0	45.79	-	-	-	-	68.2	-22.41	171	104	V

* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band
 ** - indicates frequency in Taiwan NCC LP0002 Restricted Band
 PK-U - U-NII: Maximum Peak
 ADR - U-NII AD primary method, RMS average

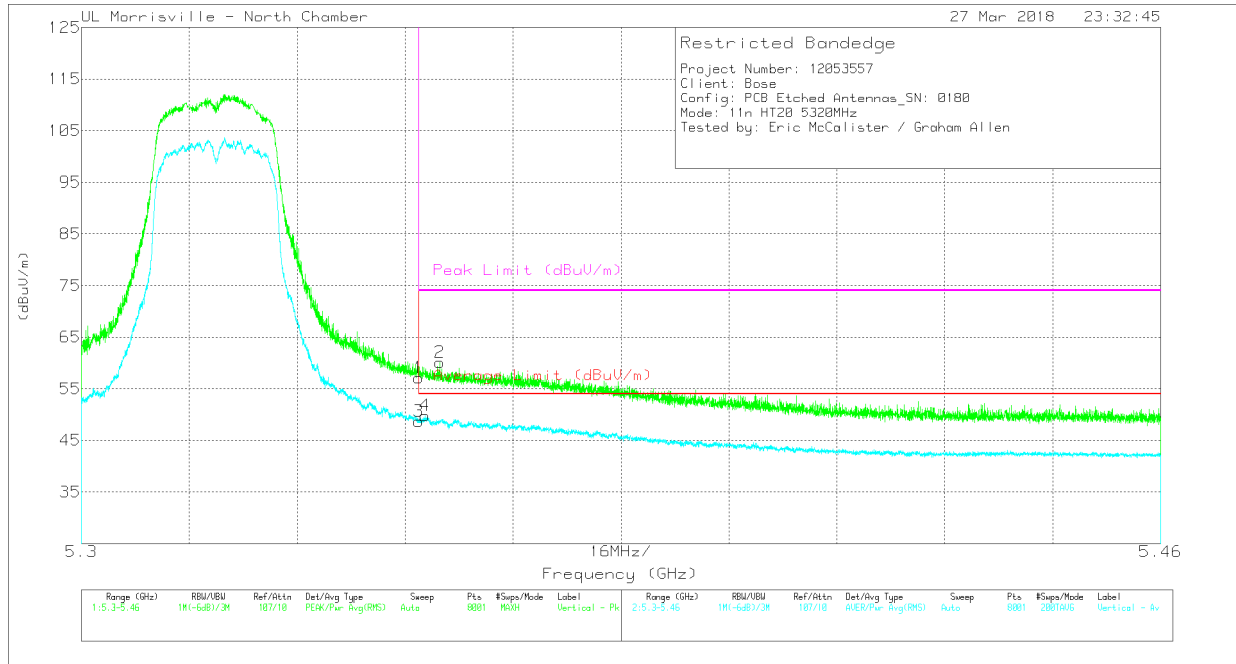
10.8. TX ABOVE 1 GHz 802.11n HT20 MODE IN THE 5.3 GHz BAND
AUTHORIZED BANDEDGE (HIGH CHANNEL) HORIZONTAL MCS0 PCB ANTENNA



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AT0072 AF (dB/m)	Amp/Cbl/Filtr/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	*** 5.35	44.79	Pk	34.4	-23.2	0	55.99	-	-	74	-18.01	185	123	H
2	*** 5.35	46.65	Pk	34.4	-23.2	0	57.85	-	-	74	-16.15	185	123	H
3	*** 5.35	33.12	RMS	34.4	-23.2	3.27	47.59	54	-6.41	-	-	185	123	H
4	** * 5.368	34.12	RMS	34.4	-23.2	3.27	48.59	54	-5.41	-	-	185	123	H

* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band
 ** - indicates frequency in Taiwan NCC LP0002 Restricted Band
 Pk - Peak detector
 RMS - RMS detection

AUTHORIZED BANDEDGE (HIGH CHANNEL) VERTICAL MCS0 PCB ANTENNA



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AT0072 AF (dB/m)	Amp/Cbl/Filtr/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	*** 5.35	45.9	Pk	34.4	-23.2	0	57.1	-	-	74	-16.9	88	268	V
2	*** 5.353	48.9	Pk	34.4	-23.2	0	60.1	-	-	74	-13.9	88	268	V
3	*** 5.35	34.19	RMS	34.4	-23.2	3.27	48.66	54	-5.34	-	-	88	268	V
4	*** 5.351	35.27	RMS	34.4	-23.2	3.27	49.74	54	-4.26	-	-	88	268	V

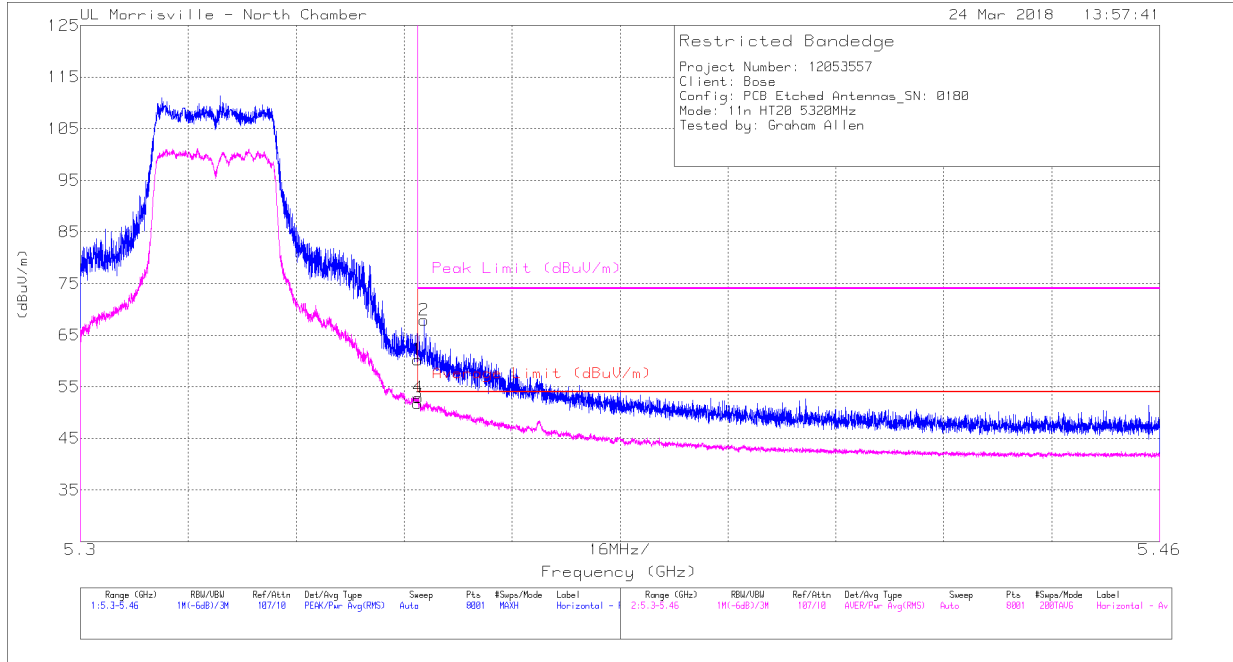
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

** - indicates frequency in Taiwan NCC LP0002 Restricted Band

Pk - Peak detector

RMS - RMS detection

AUTHORIZED BANDEDGE (HIGH CHANNEL) HORIZONTAL MCS7 PCB ANTENNA



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AT0069 AF (dB/m)	Amp/Cbl/Filtr/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	*** 5.35	49.08	Pk	34.4	-23.2	0	60.28	-	-	74	-13.72	344	260	H
2	** 5.351	56.75	Pk	34.4	-23.2	0	67.95	-	-	74	-6.05	344	260	H
3	*** 5.35	37.32	RMS	34.4	-23.2	3.27	51.79	54	-2.21	-	-	344	260	H
4	*** 5.35	38.45	RMS	34.4	-23.2	3.27	52.92	54	-1.08	-	-	344	260	H

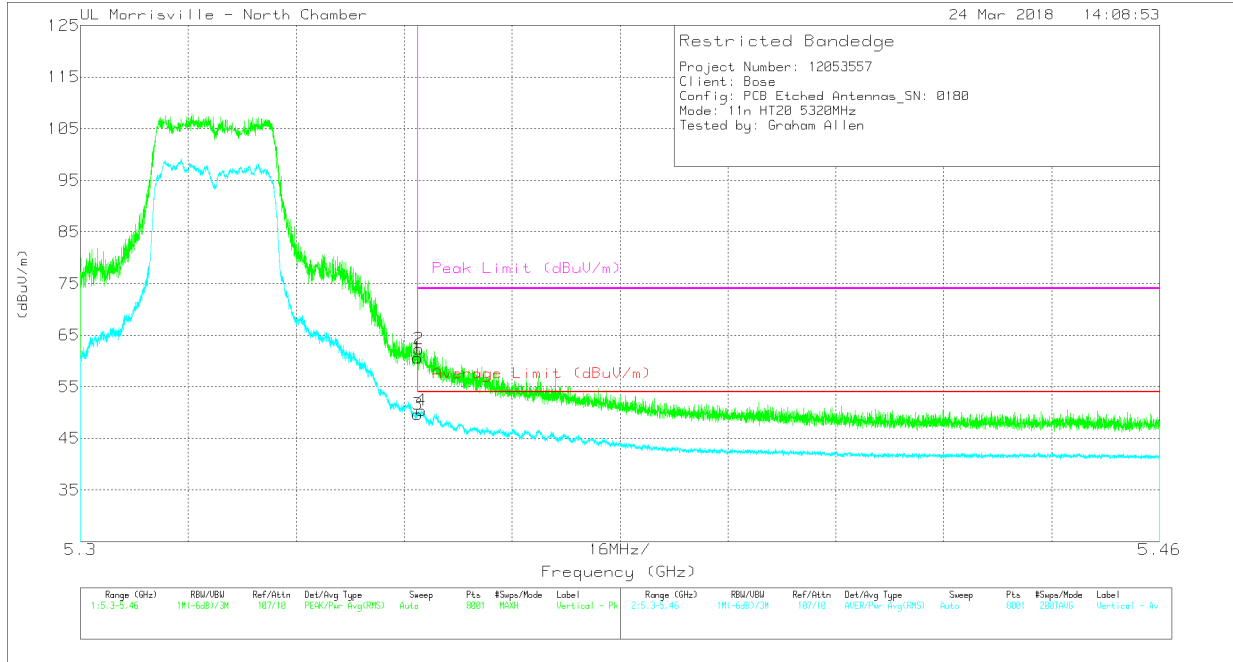
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

** - indicates frequency in Taiwan NCC LP0002 Restricted Band

Pk - Peak detector

RMS - RMS detection

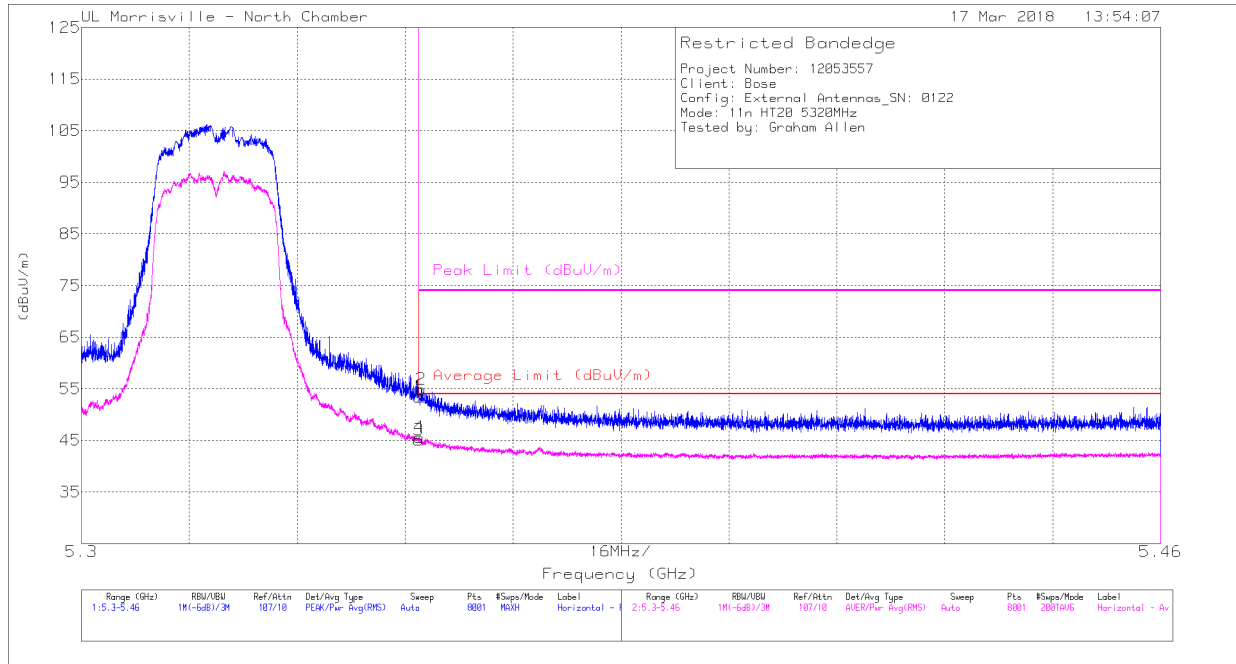
AUTHORIZED BANDEDGE (HIGH CHANNEL) VERTICAL MCS7 PCB ANTENNA



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AT0069 AF (dB/m)	Amp/Cbl/Filtr/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	*** 5.35	49.4	Pk	34.4	-23.2	0	60.6	-	-	74	-13.4	237	200	V
2	*** 5.35	51.14	Pk	34.4	-23.2	0	62.34	-	-	74	-11.66	237	200	V
3	*** 5.35	35.18	RMS	34.4	-23.2	3.27	49.65	54	-4.35	-	-	237	200	V
4	** 5.351	35.94	RMS	34.4	-23.2	3.27	50.41	54	-3.59	-	-	237	200	V

* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band
 ** - indicates frequency in Taiwan NCC LP0002 Restricted Band
 Pk - Peak detector
 RMS - RMS detection

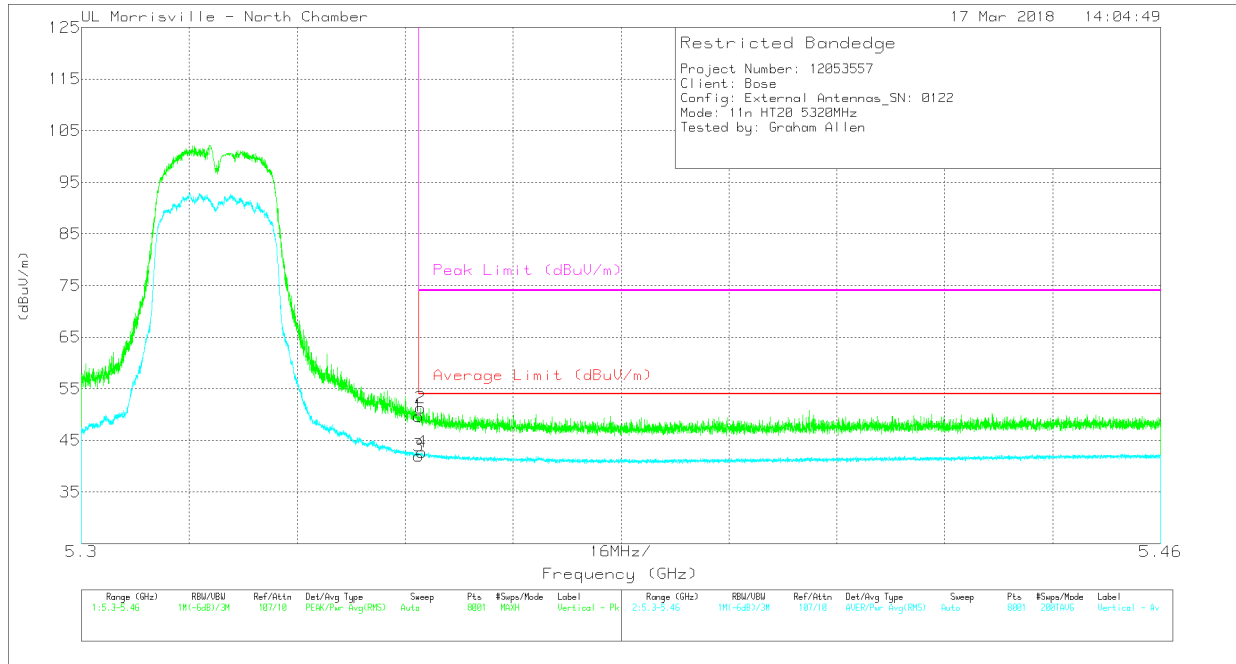
AUTHORIZED BANDEDGE (HIGH CHANNEL) HORIZONTAL MCS0 EXTERNAL ANTENNA



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AT0072 AF (dB/m)	Amp/Cbl/Filtr/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	*** 5.35	41.66	Pk	34.4	-22.6	0	53.46	-	-	74	-20.54	56	230	H
2	*** 5.35	43.06	Pk	34.4	-22.6	0	54.86	-	-	74	-19.14	56	230	H
3	*** 5.35	30.04	RMS	34.4	-22.6	3.27	45.11	54	-8.89	-	-	56	230	H
4	*** 5.35	30.54	RMS	34.4	-22.6	3.27	45.61	54	-8.39	-	-	56	230	H

* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band
 ** - indicates frequency in Taiwan NCC LP0002 Restricted Band
 Pk - Peak detector
 RMS - RMS detection

AUTHORIZED BANDEDGE (HIGH CHANNEL) Vertical MCS0 EXTERNAL ANTENNA



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AT0072 AF (dB/m)	Amp/Cbl/Filtr/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	*** 5.35	37.89	Pk	34.4	-22.6	0	49.69	-	-	74	-24.31	9	383	V
2	*** 5.35	39.52	Pk	34.4	-22.6	0	51.32	-	-	74	-22.68	9	383	V
3	*** 5.35	26.96	RMS	34.4	-22.6	3.27	42.03	54	-11.97	-	-	9	383	V
4	*** 5.35	27.61	RMS	34.4	-22.6	3.27	42.68	54	-11.32	-	-	9	383	V

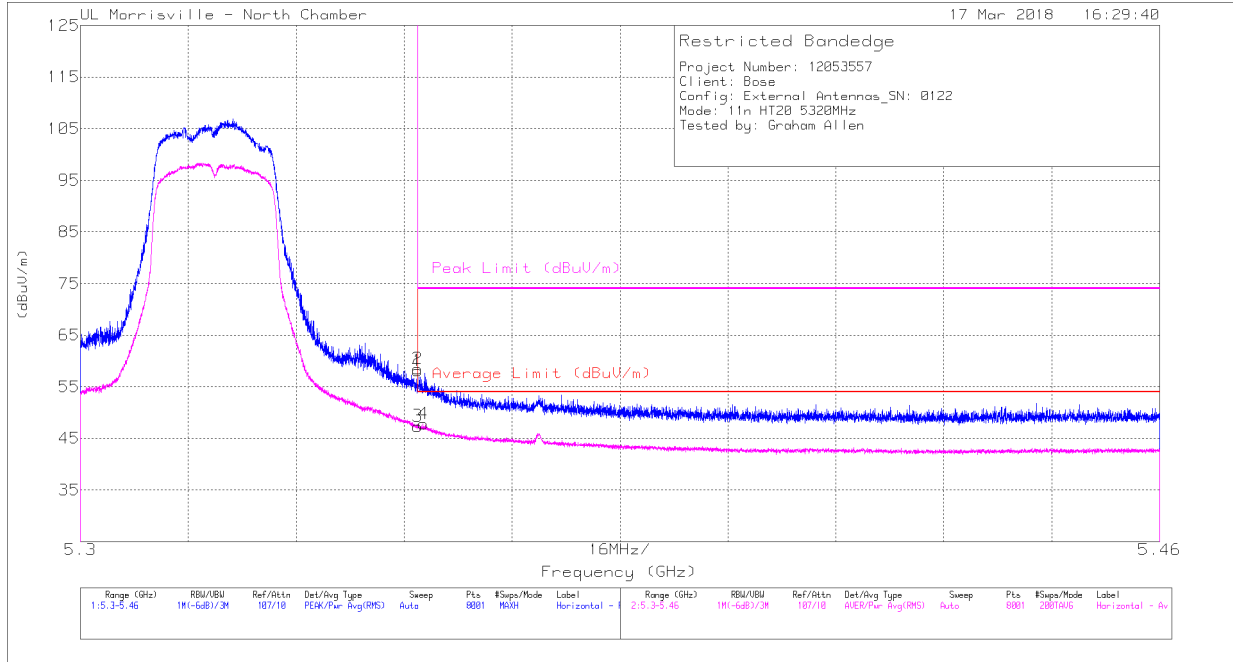
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

** - indicates frequency in Taiwan NCC LP0002 Restricted Band

Pk - Peak detector

RMS - RMS detection

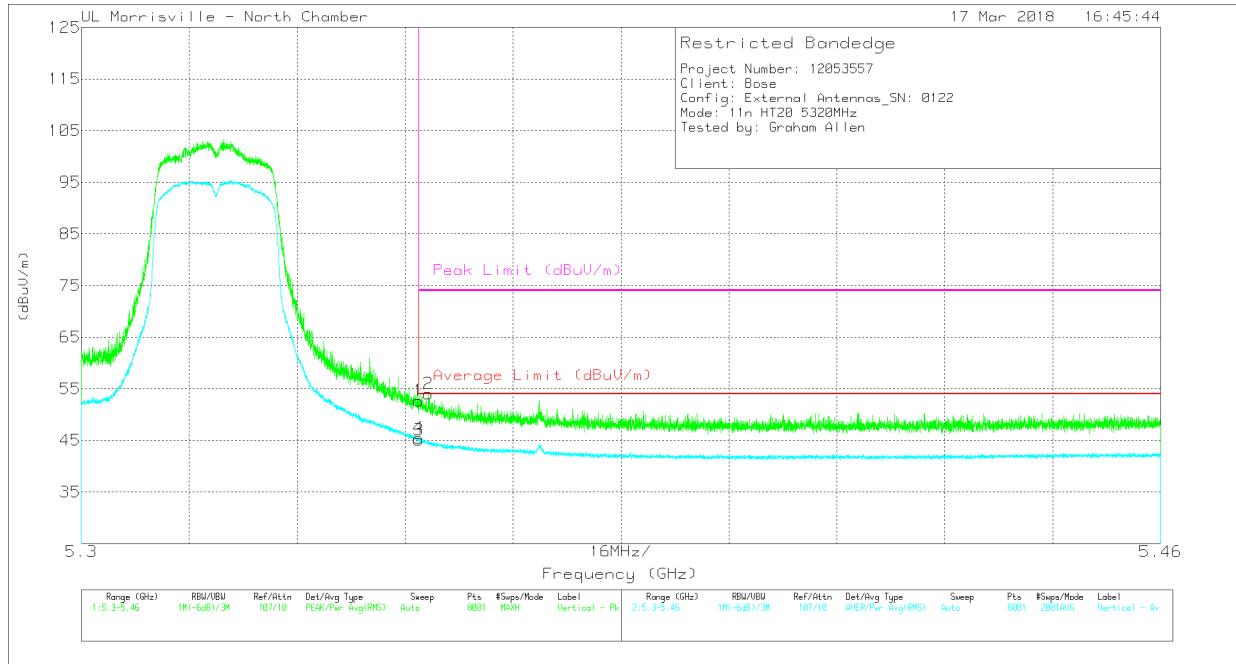
AUTHORIZED BANDEDGE (HIGH CHANNEL) HORIZONTAL MCS7 EXTERNAL ANTENNA



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AT0072 AF (dB/m)	Amp/Cbl/Filtr/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	*** 5.35	46.35	Pk	34.4	-22.6	0	58.15	-	-	74	-15.85	255	129	H
2	*** 5.35	46.73	Pk	34.4	-22.6	0	58.53	-	-	74	-15.47	255	129	H
3	*** 5.35	32.3	RMS	34.4	-22.6	3.27	47.37	54	-6.63	-	-	255	129	H
4	* ** 5.351	32.69	RMS	34.4	-22.6	3.27	47.76	54	-6.24	-	-	255	129	H

* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band
 ** - indicates frequency in Taiwan NCC LP0002 Restricted Band
 Pk - Peak detector
 RMS - RMS detection

AUTHORIZED BANDEDGE (HIGH CHANNEL) VERTICAL MCS7 EXTERNAL ANTENNA

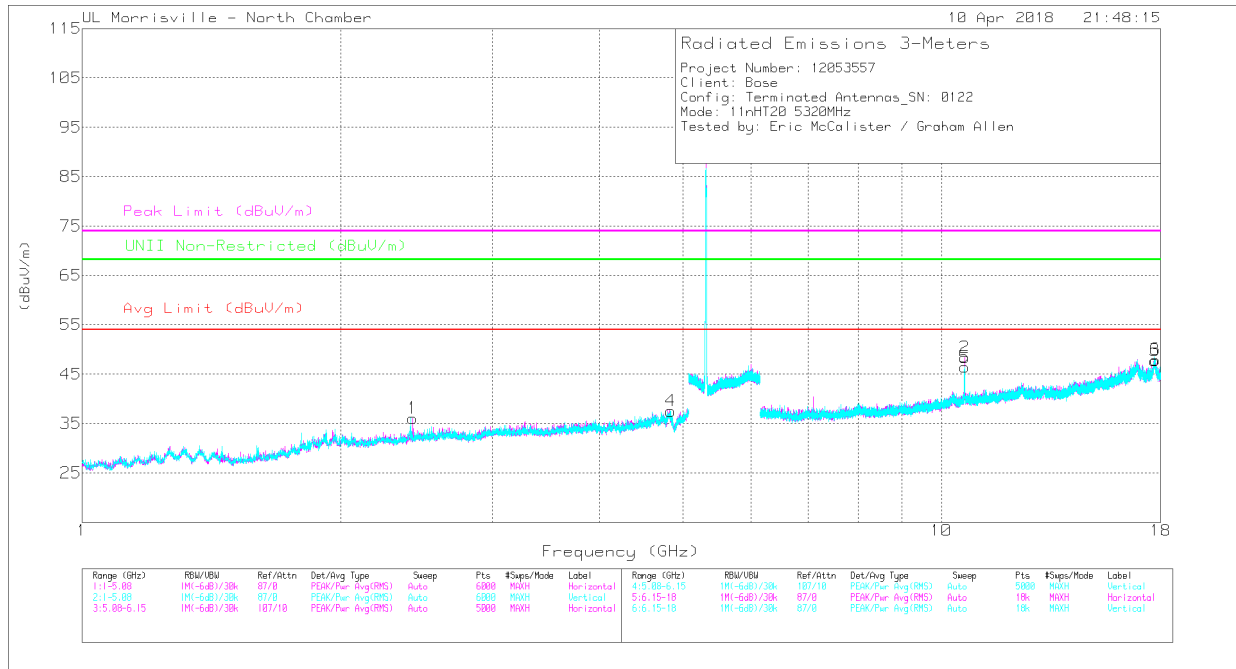


Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AT0072 AF (dB/m)	Amp/Cbl/Filtr/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	*** 5.35	40.89	Pk	34.4	-22.6	0	52.69	-	-	74	-21.31	132	102	V
2	*** 5.351	42.2	Pk	34.4	-22.6	0	54	-	-	74	-20	132	102	V
3	*** 5.35	30.04	RMS	34.4	-22.6	3.27	45.11	54	-8.89	-	-	132	102	V
4	*** 5.35	30.42	RMS	34.4	-22.6	3.27	45.49	54	-8.51	-	-	132	102	V

* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band
 ** - indicates frequency in Taiwan NCC LP0002 Restricted Band
 Pk - Peak detector
 RMS - RMS detection

HARMONICS AND SPURIOUS EMISSIONS

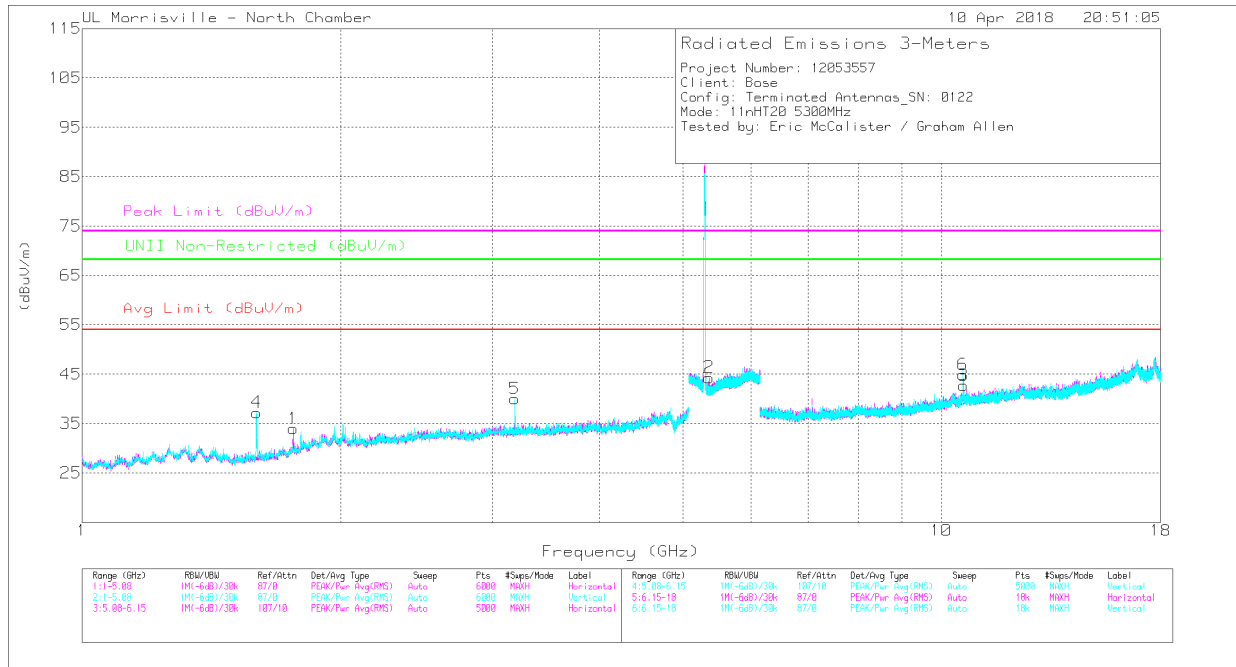
LOW CHANNEL



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AT0072 AF (dB/m)	Amp/Cbl/Filtr/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
4	*** 4.844	40.66	PK-U	34	-31.7	0	42.96	-	-	74	-31.04	-	-	213	105	V
	*** 4.846	29.17	ADR	34	-31.8	3.27	34.64	54	-19.36	-	-	-	-	213	105	V
2	*** 10.641	39.64	PK-U	37.7	-25.7	0	51.64	-	-	74	-22.36	-	-	304	112	H
	*** 10.641	27.63	ADR	37.7	-25.7	3.27	42.9	54	-11.1	-	-	-	-	304	112	H
3	*** 17.72	33.28	PK-U	41.2	-21.3	0	53.18	-	-	74	-20.82	-	-	292	144	H
	*** 17.719	22.19	ADR	41.2	-21.3	3.27	45.36	54	-8.64	-	-	-	-	292	144	H
5	*** 10.64	41.41	PK-U	37.7	-25.7	0	53.41	-	-	74	-20.59	-	-	333	102	V
	*** 10.641	28.73	ADR	37.7	-25.7	3.27	44	54	-10	-	-	-	-	333	102	V
6	*** 17.743	35.08	PK-U	41.2	-21	0	55.28	-	-	74	-18.72	-	-	353	375	V
	*** 17.742	22.43	ADR	41.2	-21	3.27	45.9	54	-8.1	-	-	-	-	353	375	V
1	2.429	42.29	PK-U	32	-34.3	0	39.99	-	-	-	-	68.2	-28.21	147	239	H

* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band
 ** - indicates frequency in Taiwan NCC LP0002 Restricted Band
 PK-U - U-NII: Maximum Peak
 ADR - U-NII AD primary method, RMS average

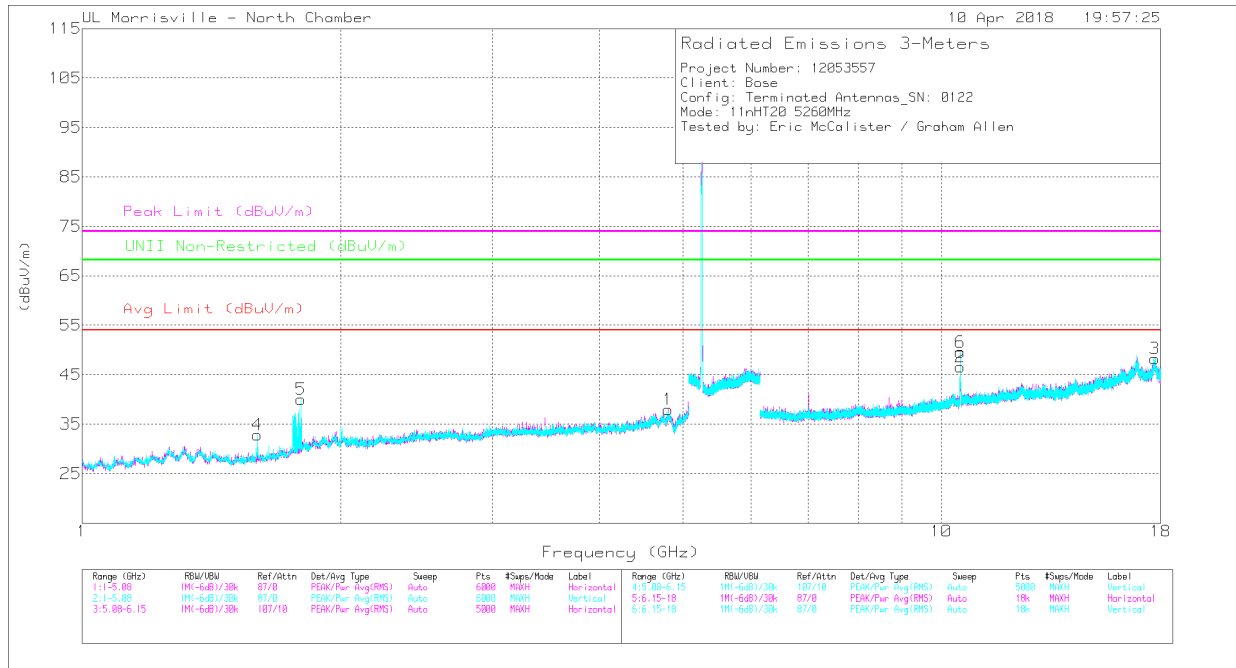
MID CHANNEL



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AT0072 AF (dB/m)	Amp/Cbl/Filtr/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
4	*** 1.597	55.62	PK-U	28	-35.9	0	47.72	-	-	74	-26.28	-	-	312	144	V
	*** 1.596	32.42	ADR	27.9	-35.9	3.27	27.69	54	-26.31	-	-	-	-	312	144	V
2	*** 5.365	37.99	PK-U	34.4	-23.2	0	49.19	-	-	74	-24.81	-	-	92	398	H
	*** 5.365	25.94	ADR	34.4	-23.2	3.27	40.41	54	-13.59	-	-	-	-	92	398	H
3	*** 10.603	40.89	PK-U	37.6	-25.7	0	52.79	-	-	74	-21.21	-	-	309	109	H
	*** 10.606	27.08	ADR	37.6	-25.7	3.27	42.25	54	-11.75	-	-	-	-	309	109	H
6	*** 11.69	34.54	PK-U	38.4	-26.3	0	46.64	-	-	74	-27.36	-	-	339	106	V
	*** 11.688	23.37	ADR	38.4	-26.3	3.27	38.74	54	-15.26	-	-	-	-	339	106	V
1	1.761	46.41	PK-U	29.5	-35.8	0	40.11	-	-	-	-	68.2	-28.09	28	241	H
5	3.19	47.85	PK-U	32.8	-33.9	0	46.75	-	-	-	-	68.2	-21.45	299	278	V

* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band
 ** - indicates frequency in Taiwan NCC LP0002 Restricted Band
 PK-U - U-NII: Maximum Peak
 ADR - U-NII AD primary method, RMS average

HIGH CHANNEL



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AT0072 AF (dB/m)	Amp/Cbl/Filtr/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	*** 4.807	41.18	PK-U	34.1	-31.1	0	44.18	-	-	74	-29.82	-	-	356	183	H
	*** 4.805	29.95	ADR	34.1	-31.1	3.27	36.22	54	-17.78	-	-	-	-	356	183	H
4	*** 1.599	53	PK-U	28	-35.8	0	45.2	-	-	74	-28.8	-	-	308	172	V
	*** 1.598	32.21	ADR	28	-35.9	3.27	27.58	54	-26.42	-	-	-	-	308	172	V
3	*** 17.727	33.67	PK-U	41.2	-21.1	0	53.77	-	-	74	-20.23	-	-	194	197	H
	*** 17.725	22.51	ADR	41.2	-21.1	3.27	45.88	54	-8.12	-	-	-	-	194	197	H
5	1.797	43.78	PK-U	30.2	-36	0	37.98	-	-	-	-	68.2	-30.22	216	178	V
6	10.517	42.94	PK-U	37.6	-27	0	53.54	-	-	-	-	68.2	-14.66	305	123	V
2	10.521	42.26	PK-U	37.6	-26.9	0	52.96	-	-	-	-	68.2	-15.24	305	111	H

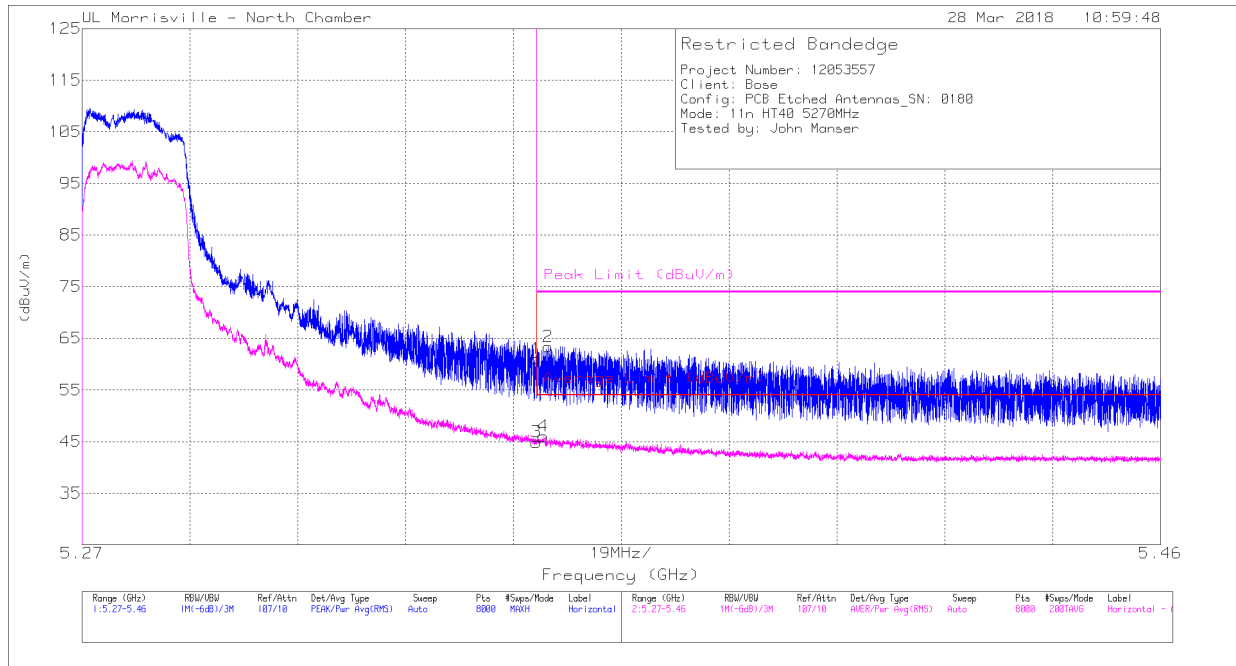
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

** - indicates frequency in Taiwan NCC LP0002 Restricted Band

PK-U - U-NII: Maximum Peak

ADR - U-NII AD primary method, RMS average

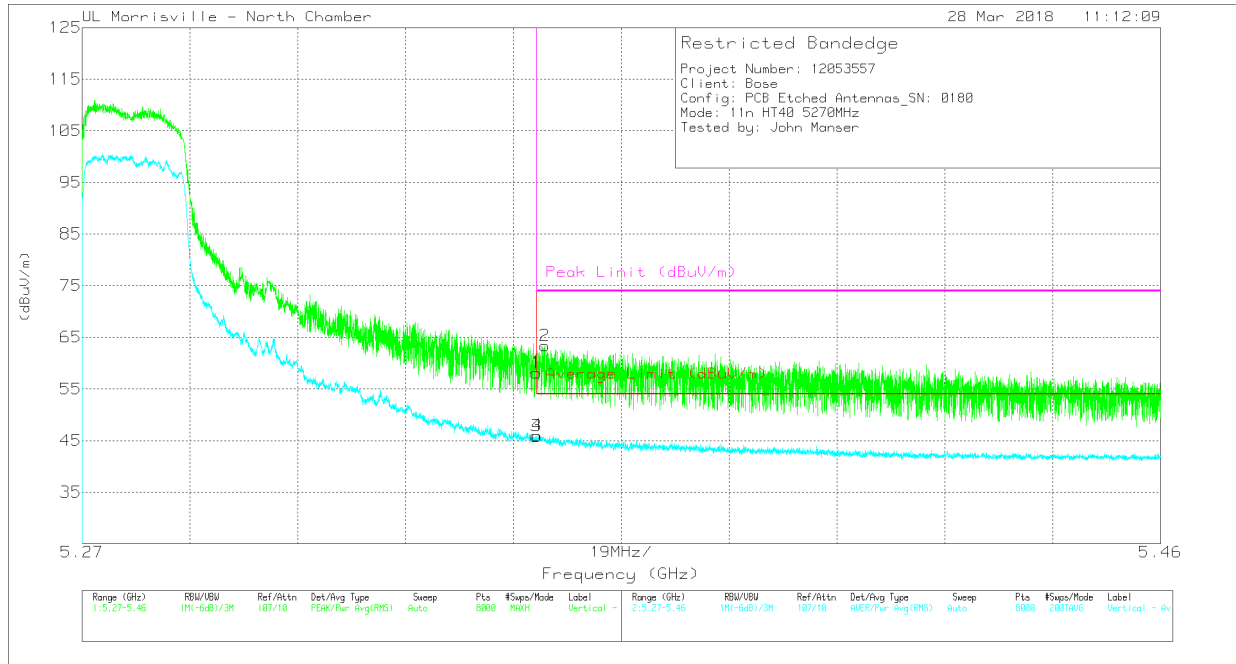
10.9. TX ABOVE 1 GHz 802.11n HT40 MODE IN THE 5.3 GHz BAND
RESTRICTED BANDEDGE (LOW CHANNEL) HORIZONTAL MCS0 PCB ANTENNA



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AT0072 AF (dB/m)	Amp/Cbl/Filtr/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
2	*** 5.352	52.2	Pk	34.4	-23.2	0	63.4	-	-	74	-10.6	188	128	H
4	*** 5.351	32.18	RMS	34.4	-23.2	2.52	45.9	54	-8.1	-	-	188	128	H
1	5.35	49.8	Pk	34.4	-23.2	0	61	-	-	74	-13	188	128	H
3	5.35	31.06	RMS	34.4	-23.2	2.52	44.78	54	-9.22	-	-	188	128	H

* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band
 ** - indicates frequency in Taiwan NCC LP0002 Restricted Band
 Pk - Peak detector
 RMS - RMS detection

RESTRICTED BANDEDGE (LOW CHANNEL) VERTICAL MCS0 PCB ANTENNA



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AT0072 AF (dB/m)	Amp/Cbl/Filtr/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
2	* ** 5.351	52.2	Pk	34.4	-23.2	0	63.4	-	-	74	-10.6	59	154	V
4	* ** 5.35	32.17	RMS	34.4	-23.2	2.52	45.89	54	-8.11	-	-	59	154	V
1	5.35	46.93	Pk	34.4	-23.2	0	58.13	-	-	74	-15.87	59	154	V
3	5.35	32.06	RMS	34.4	-23.2	2.52	45.78	54	-8.22	-	-	59	154	V

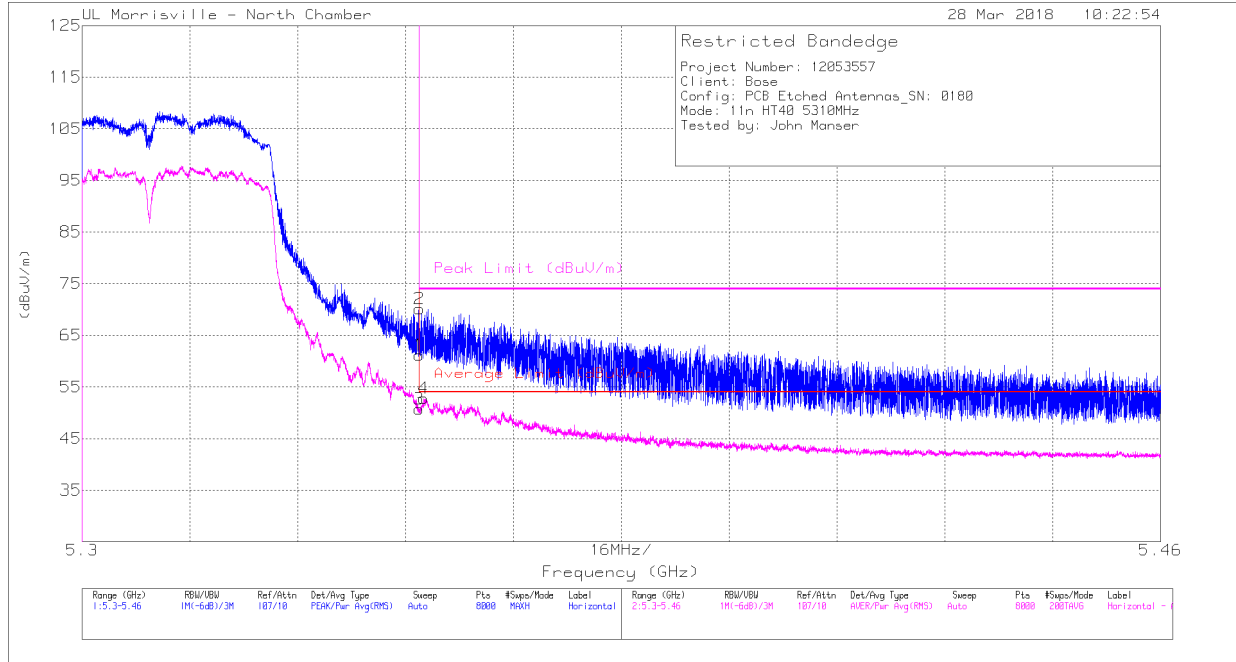
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

** - indicates frequency in Taiwan NCC LP0002 Restricted Band

Pk - Peak detector

RMS - RMS detection

AUTHORIZED BANDEDGE (HIGH CHANNEL) HORIZONTAL MCS0 PCB ANTENNA



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AT0072 AF (dB/m)	Amp/Cbl/Filtr/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	*** 5.35	49.97	Pk	34.4	-23.2	0	61.17	-	-	74	-12.83	191	126	H
2	*** 5.35	58.93	Pk	34.4	-23.2	0	70.13	-	-	74	-3.87	191	126	H
3	*** 5.35	36.89	RMS	34.4	-23.2	2.52	50.61	54	-3.39	-	-	191	126	H
4	*** 5.351	39	RMS	34.4	-23.2	2.52	52.72	54	-1.28	-	-	191	126	H

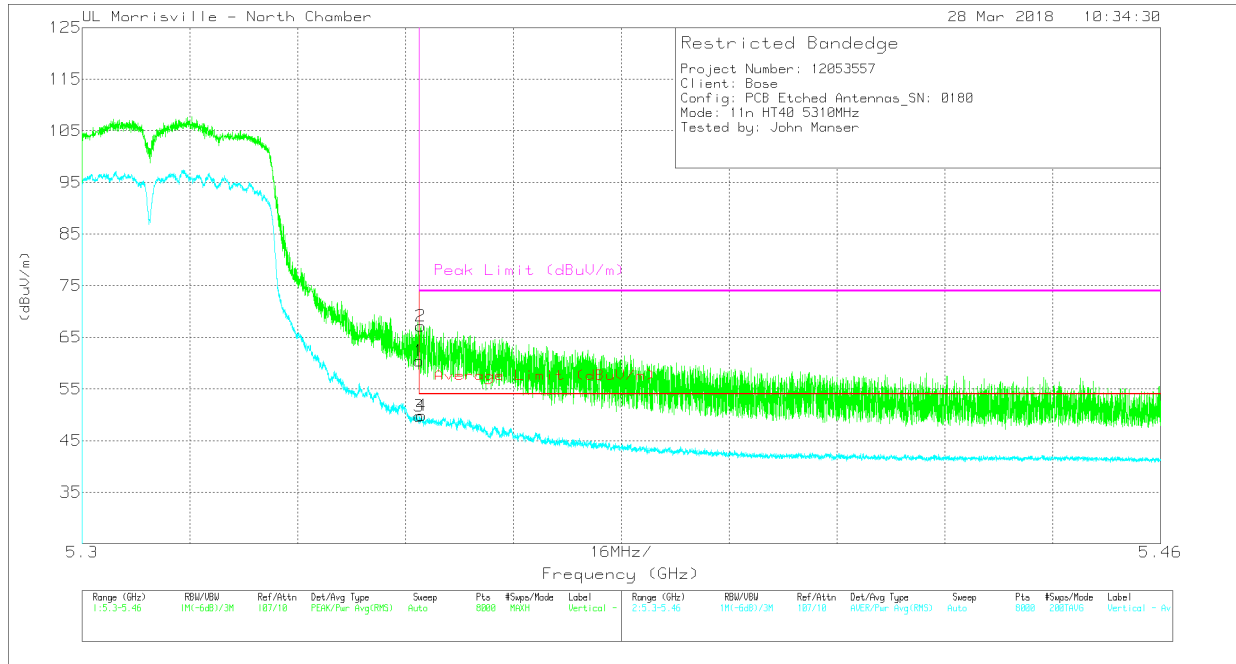
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

** - indicates frequency in Taiwan NCC LP0002 Restricted Band

Pk - Peak detector

RMS - RMS detection

AUTHORIZED BANDEDGE (HIGH CHANNEL) VERTICAL MCS0 PCB ANTENNA



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AT0072 AF (dB/m)	Amp/Cbl/Filtr/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	*** 5.35	49.23	Pk	34.4	-23.2	0	60.43	-	-	74	-13.57	32	142	V
2	*** 5.35	56	Pk	34.4	-23.2	0	67.2	-	-	74	-6.8	32	142	V
3	*** 5.35	35.92	RMS	34.4	-23.2	2.52	49.64	54	-4.36	-	-	32	142	V
4	*** 5.35	36.06	RMS	34.4	-23.2	2.52	49.78	54	-4.22	-	-	32	142	V

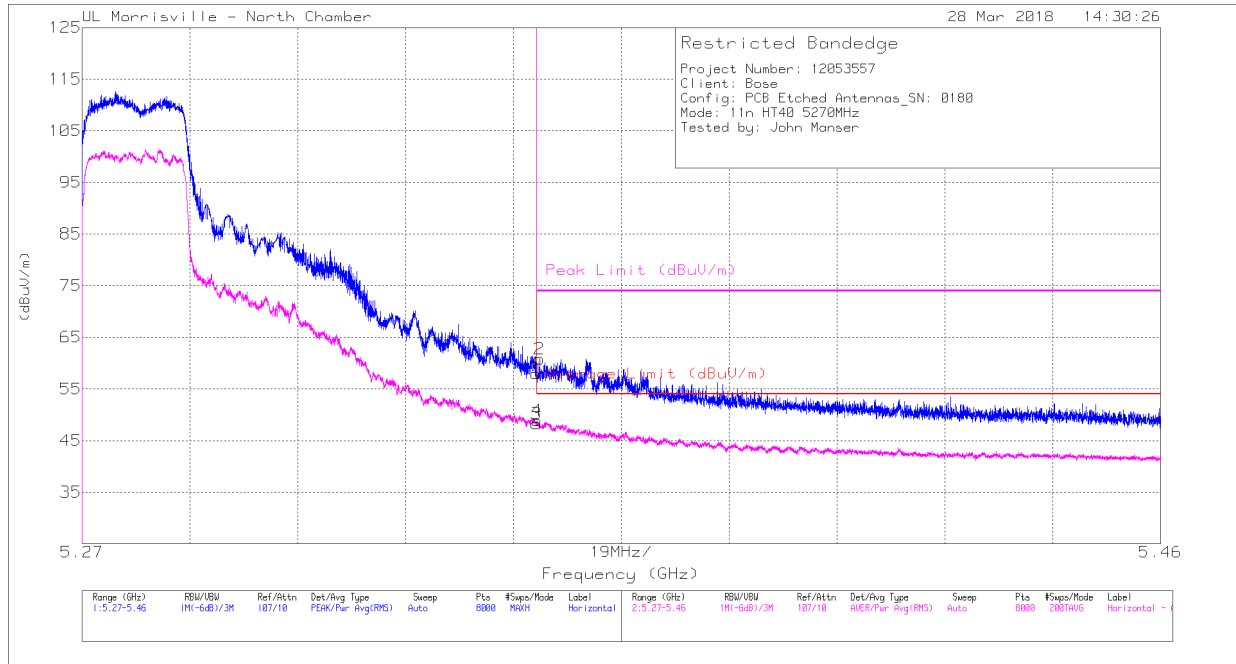
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

** - indicates frequency in Taiwan NCC LP0002 Restricted Band

Pk - Peak detector

RMS - RMS detection

RESTRICTED BANDEDGE (LOW CHANNEL) HORIZONTAL MCS7 PCB ANTENNA



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AT0072 AF (dB/m)	Amp/Cbl/Filtr/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
2	* ** 5.351	49.56	Pk	34.4	-23.2	0	60.76	-	-	74	-13.24	287	252	H
4	* ** 5.35	35.03	RMS	34.4	-23.2	2.52	48.75	54	-5.25	-	-	287	252	H
1	5.35	46.82	Pk	34.4	-23.2	0	58.02	-	-	74	-15.98	287	252	H
3	5.35	34.43	RMS	34.4	-23.2	2.52	48.15	54	-5.85	-	-	287	252	H

* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

** - indicates frequency in Taiwan NCC LP0002 Restricted Band

Pk - Peak detector

RMS - RMS detection