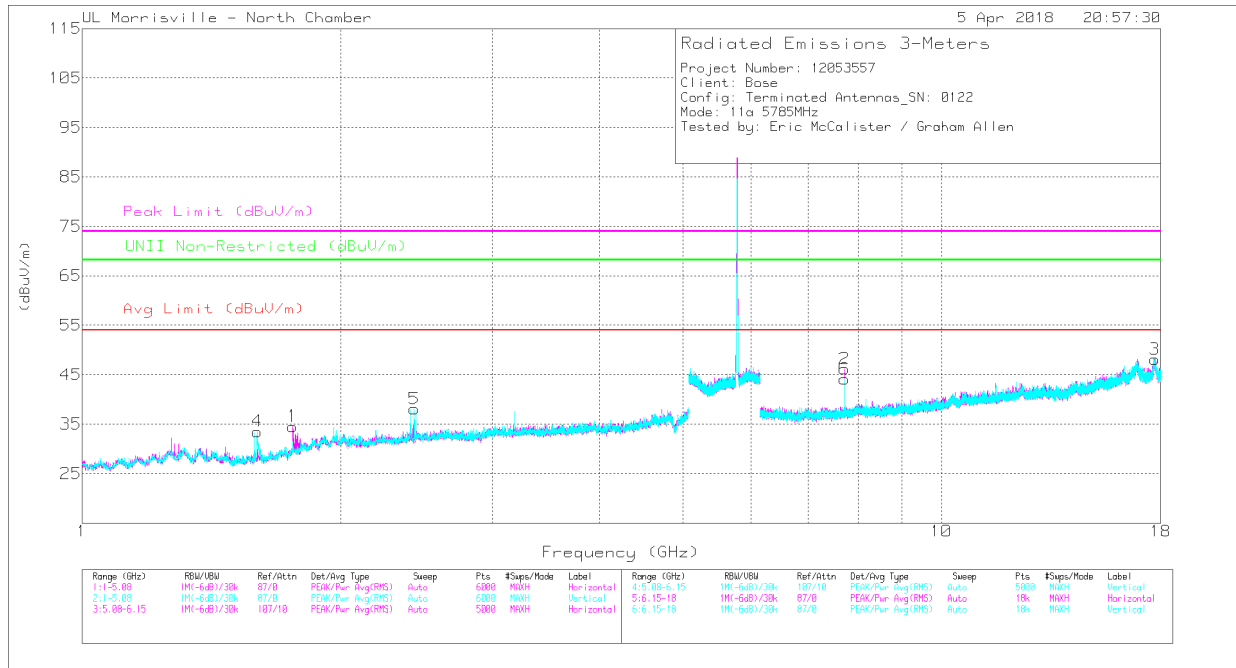


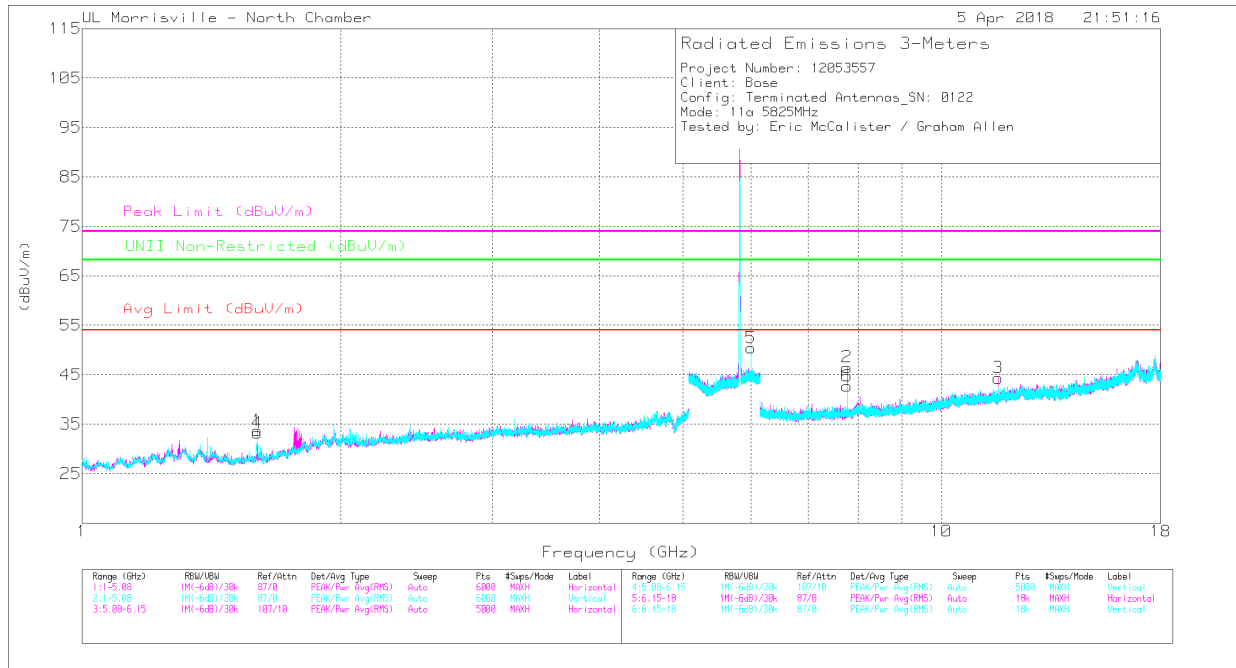
**MID CHANNEL**



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	55.43	PK-U	28	-35.9	0	47.53	-	-	74	-26.47	-	-	311	107	V
	*** 1.599	32.91	ADR	28	-35.9	3.41	28.42	54	-25.58	-	-	-	-	311	107	V
2	*** 7.713	44.01	PK-U	35.8	-29.2	0	50.61	-	-	74	-23.39	-	-	274	215	H
	*** 7.713	39.86	ADR	35.8	-29.2	3.41	49.87	54	-4.13	-	-	-	-	274	215	H
3	*** 17.73	34.06	PK-U	41.2	-21	0	54.26	-	-	74	-19.74	-	-	353	274	H
	*** 17.729	22.29	ADR	41.2	-21	3.41	45.9	54	-8.1	-	-	-	-	353	274	H
6	*** 7.713	40.16	PK-U	35.8	-29.2	0	46.76	-	-	74	-27.24	-	-	319	124	V
	*** 7.713	33.65	ADR	35.8	-29.2	3.41	43.66	54	-10.34	-	-	-	-	319	124	V
1	1.76	46.58	PK-U	29.5	-35.8	0	40.28	-	-	-	-	68.2	-27.92	134	400	H
5	2.434	42.45	PK-U	32.1	-34.3	0	40.25	-	-	-	-	68.2	-27.95	279	391	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

**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	*** 1.599	45.32	PK-U	28	-35.8	0	37.52	-	-	74	-36.48	-	-	360	247	H
	*** 1.599	31.39	ADR	28	-35.9	3.41	26.9	54	-27.1	-	-	-	-	360	247	H
4	*** 1.599	49.94	PK-U	28	-35.9	0	42.04	-	-	74	-31.96	-	-	209	115	V
	*** 1.599	31.72	ADR	28	-35.9	3.41	27.23	54	-26.77	-	-	-	-	209	115	V
3	*** 11.648	37.09	PK-U	38.3	-26.6	0	48.79	-	-	74	-25.21	-	-	348	209	H
	*** 11.649	24.6	ADR	38.3	-26.6	3.41	39.71	54	-14.29	-	-	-	-	348	209	H
5	6	38.42	PK-U	35.1	-21.9	0	51.62	-	-	-	-	68.2	-16.58	283	384	V
2	7.767	42.62	PK-U	35.9	-29	0	49.52	-	-	-	-	68.2	-18.68	269	218	H
6	7.767	40.17	PK-U	35.9	-29	0	47.07	-	-	-	-	68.2	-21.13	315	115	V

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

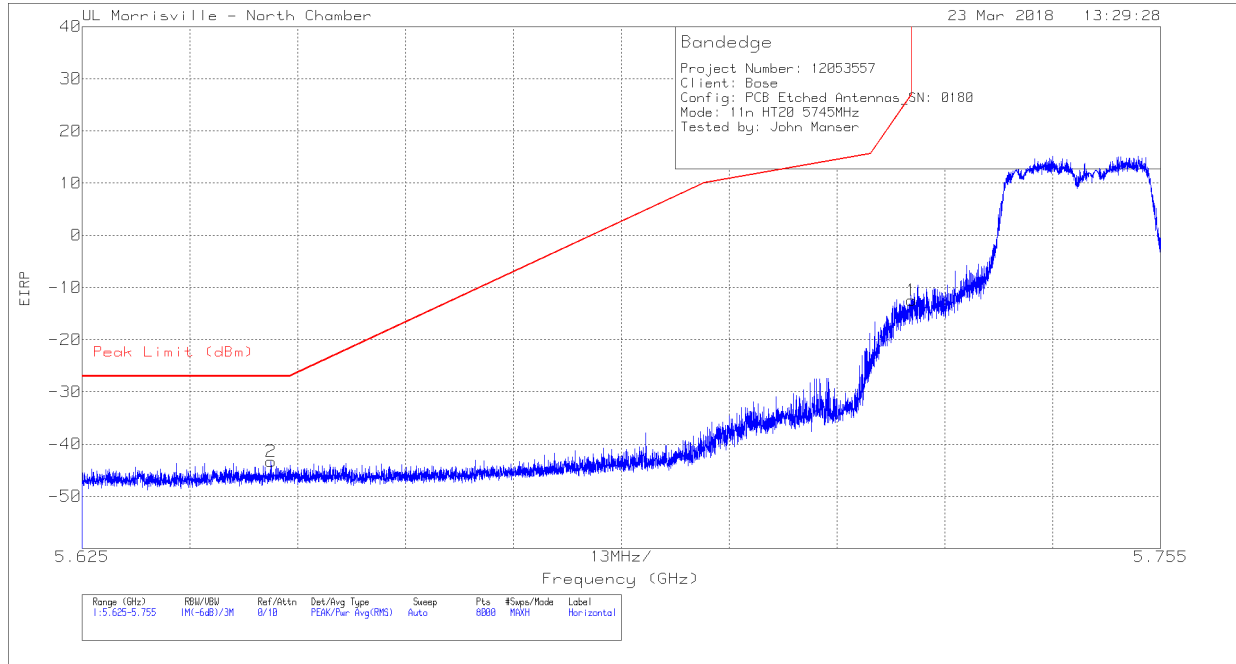
\*\* - indicates frequency in Taiwan NCC LP0002 Restricted Band

PK-U - U-NII: Maximum Peak

ADR - U-NII AD primary method, RMS average

**10.16. TX ABOVE 1 GHz 802.11n HT20 MODE IN THE 5.8 GHz**

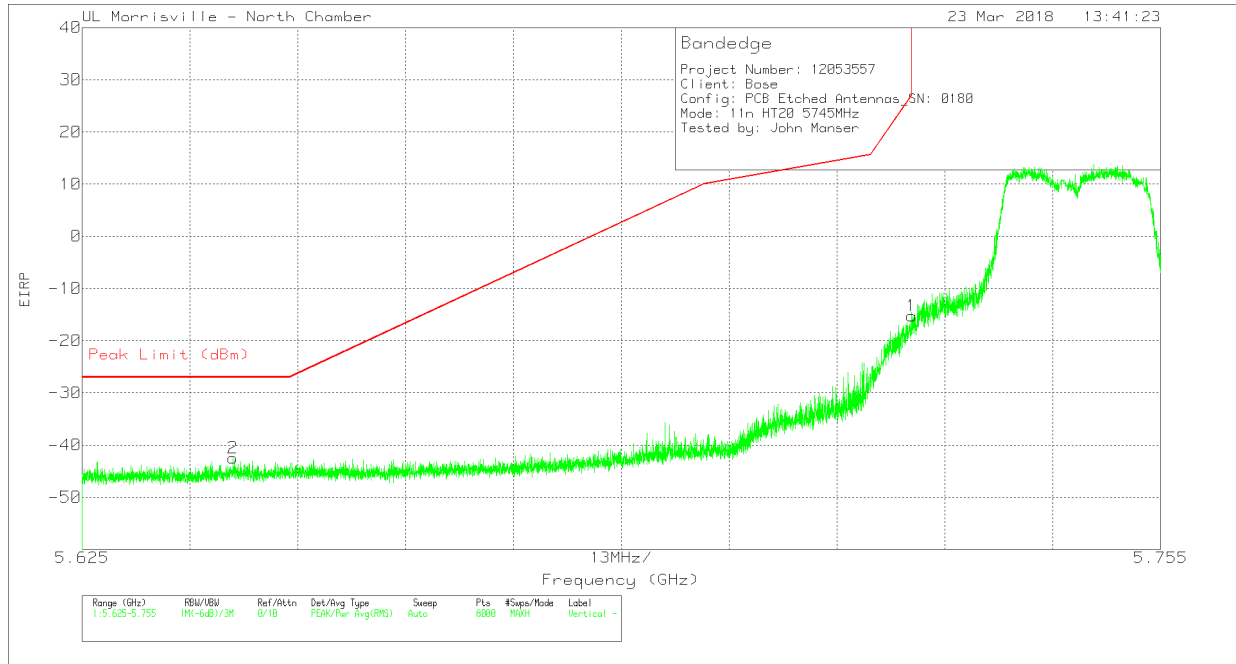
**RESTRICTED BANDEDGE (LOW CHANNEL) HORIZONTAL PCB ANTENNA**



Marker	Frequency (GHz)	Meter Reading (dBm)	Det	AT0069 AF (dB/m)	Amp/Cbl/Filtr/Pad (dB)	Conversion Factor (dB)	DC Corr (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
2	5.648	-66.34	Pk	34.6	-23.4	11.8	0	-43.34	-27	-16.34	280	204	H
1	5.725	-35.49	Pk	34.6	-23.4	11.8	0	-12.49	27	-39.49	280	204	H

Pk - Peak detector

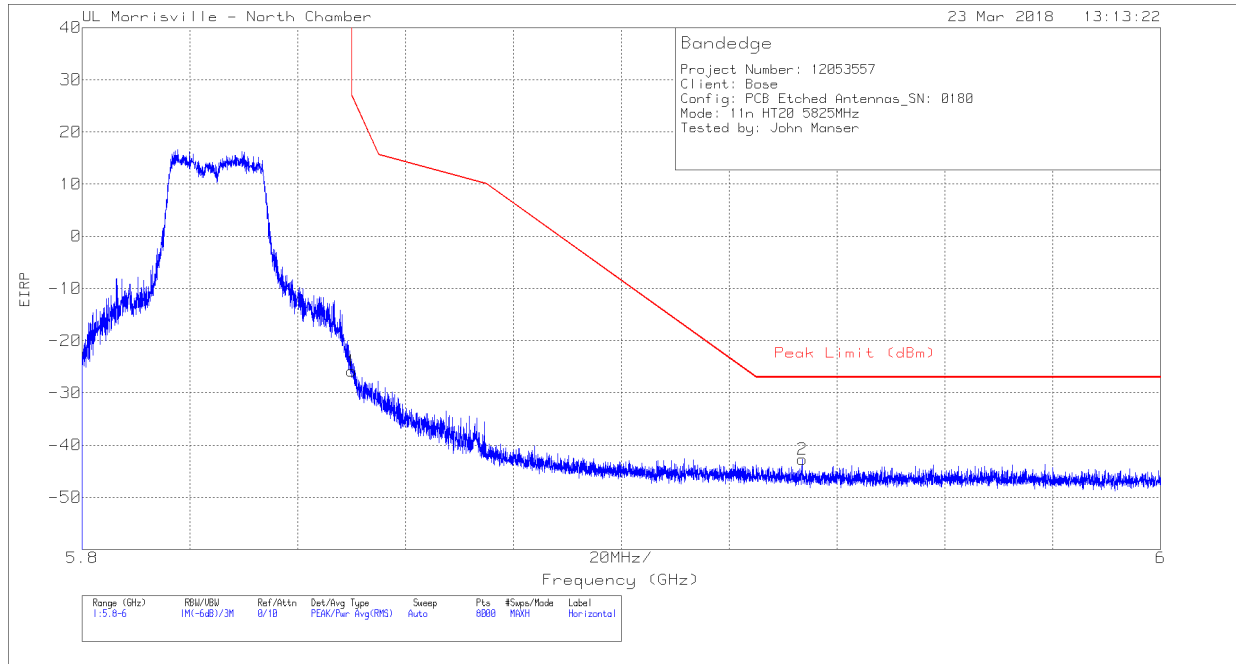
**RESTRICTED BANDEDGE (LOW CHANNEL) VERTICAL PCB ANTENNA**



Marker	Frequency (GHz)	Meter Reading (dBm)	Det	AT0069 AF (dB/m)	Amp/Cbl/Filtr/Pad (dB)	Conversion Factor (dB)	DC Corr (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
2	5.643	-65.49	Pk	34.6	-23.4	11.8	0	-42.49	-27	-15.49	249	204	V
1	5.725	-38.27	Pk	34.6	-23.4	11.8	0	-15.27	27	-42.27	249	204	V

Pk - Peak detector

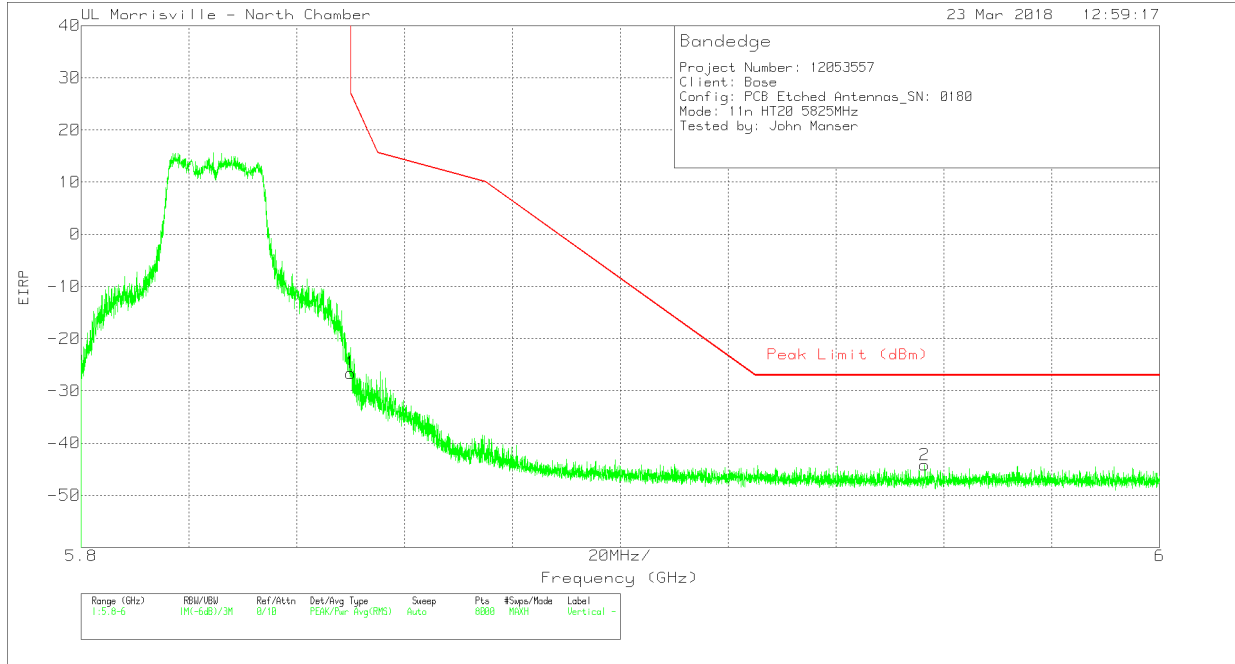
**AUTHORIZED BANDEDGE (HIGH CHANNEL) HORIZONTAL PCB ANTENNA**



Marker	Frequency (GHz)	Meter Reading (dBm)	Det	AT0069 AF (dB/m)	Amp/Cbl/Filtr/Pad (dB)	Conversion Factor (dB)	DC Corr (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.85	-49.36	Pk	34.8	-23.1	11.8	0	-25.86	26.99	-52.85	34	105	H
2	5.934	-66.5	Pk	34.9	-22.9	11.8	0	-42.7	-27	-15.7	34	105	H

Pk - Peak detector

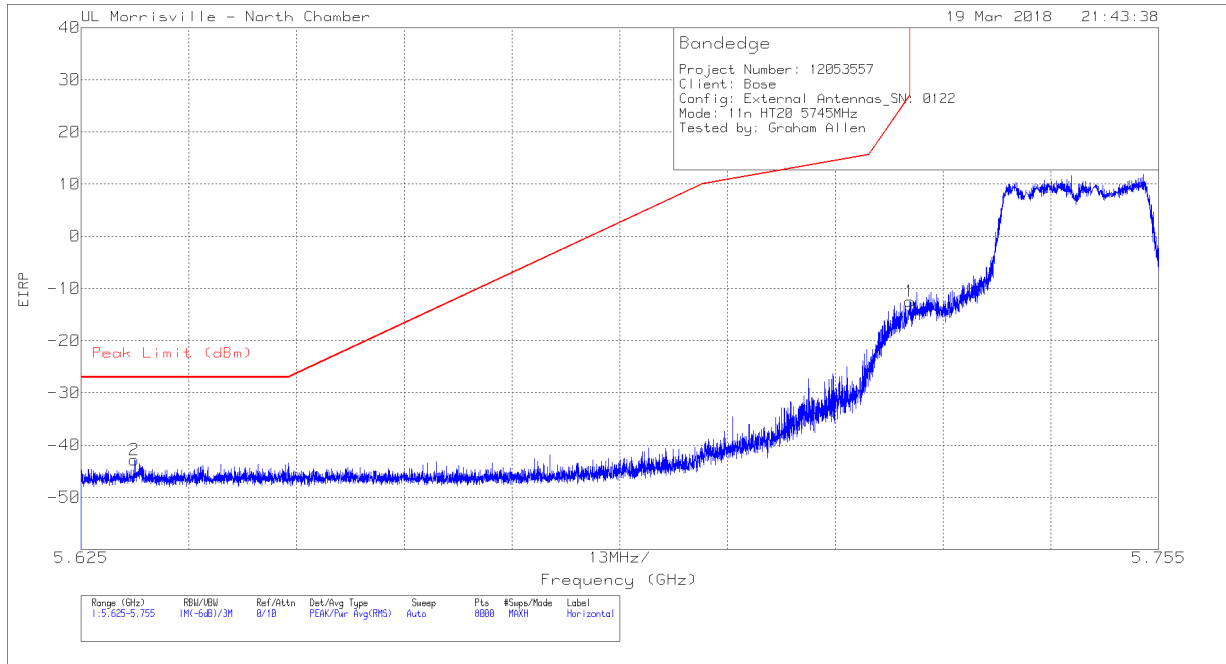
**AUTHORIZED BANDEDGE (HIGH CHANNEL) VERTICAL PCB ANTENNA**



Marker	Frequency (GHz)	Meter Reading (dBm)	Det	AT0069 AF (dB/m)	Amp/Cbl/Filtr/Pad (dB)	Conversion Factor (dB)	DC Corr (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.85	-50.11	Pk	34.8	-23.1	11.8	0	-26.61	26.99	-53.6	20	124	V
2	5.956	-67.97	Pk	34.9	-22.9	11.8	0	-44.17	-27	-17.17	20	124	V

Pk - Peak detector

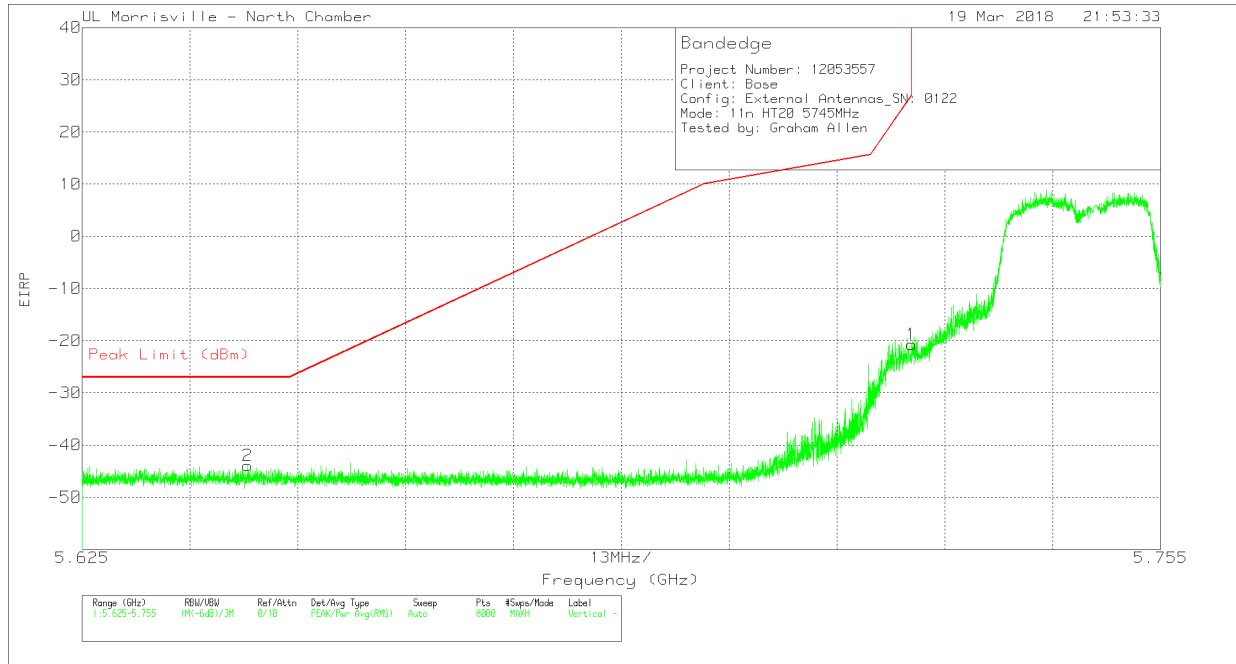
**RESTRICTED BANDEDGE (LOW CHANNEL) HORIZONTAL EXTERNAL ANTENNA**



Marker	Frequency (GHz)	Meter Reading (dBm)	Det	AT0072 AF (dB/m)	Amp/Cbl/Filtr/Pad (dB)	Conversion Factor (dB)	DC Corr (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
2	5.631	-66.74	Pk	34.6	-22.5	11.8	0	-42.84	-27	-15.84	43	338	H
1	5.725	-36.64	Pk	34.7	-22.3	11.8	0	-12.44	27	-39.44	43	338	H

Pk - Peak detector

**RESTRICTED BANDEGE (LOW CHANNEL) VERTICAL EXTERNAL ANTENNA**

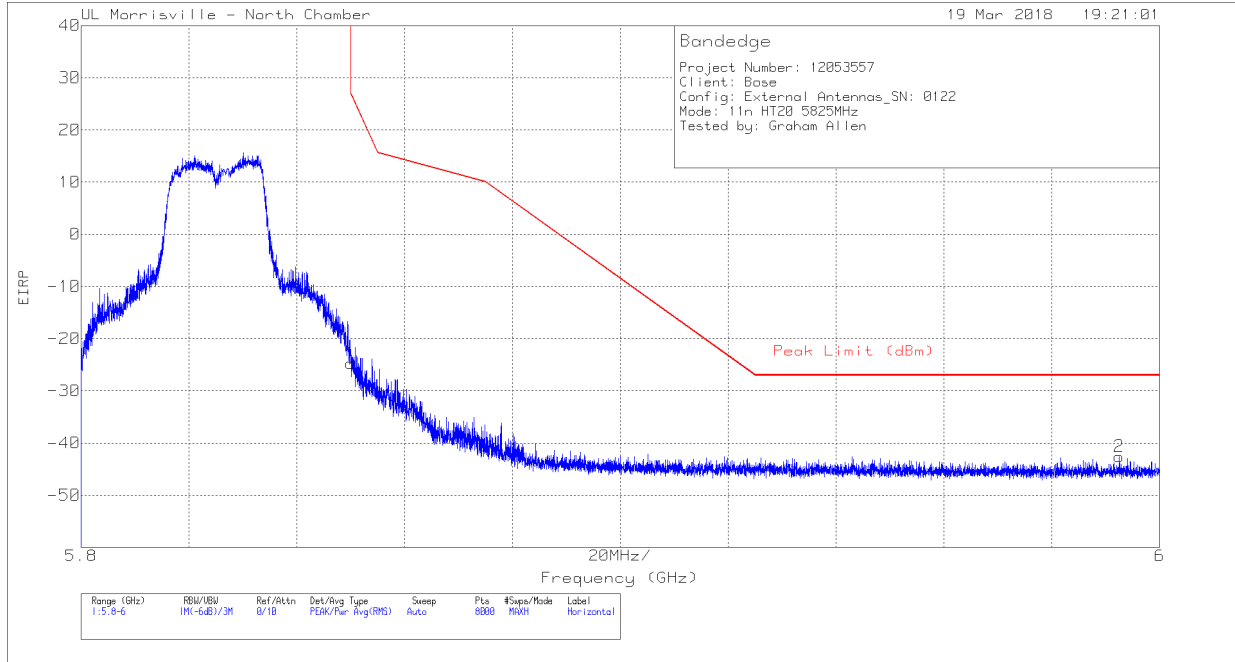


Marker	Frequency (GHz)	Meter Reading (dBm)	Det	AT0072 AF (dB/m)	Amp/Cbl/Filtr/Pad (dB)	Conversion Factor (dB)	DC Corr (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
2	5.645	-67.82	Pk	34.6	-22.5	11.8	0	-43.92	-27	-16.92	139	398	V
1	5.725	-44.93	Pk	34.7	-22.3	11.8	0	-20.73	27	-47.73	139	398	V

Pk - Peak detector



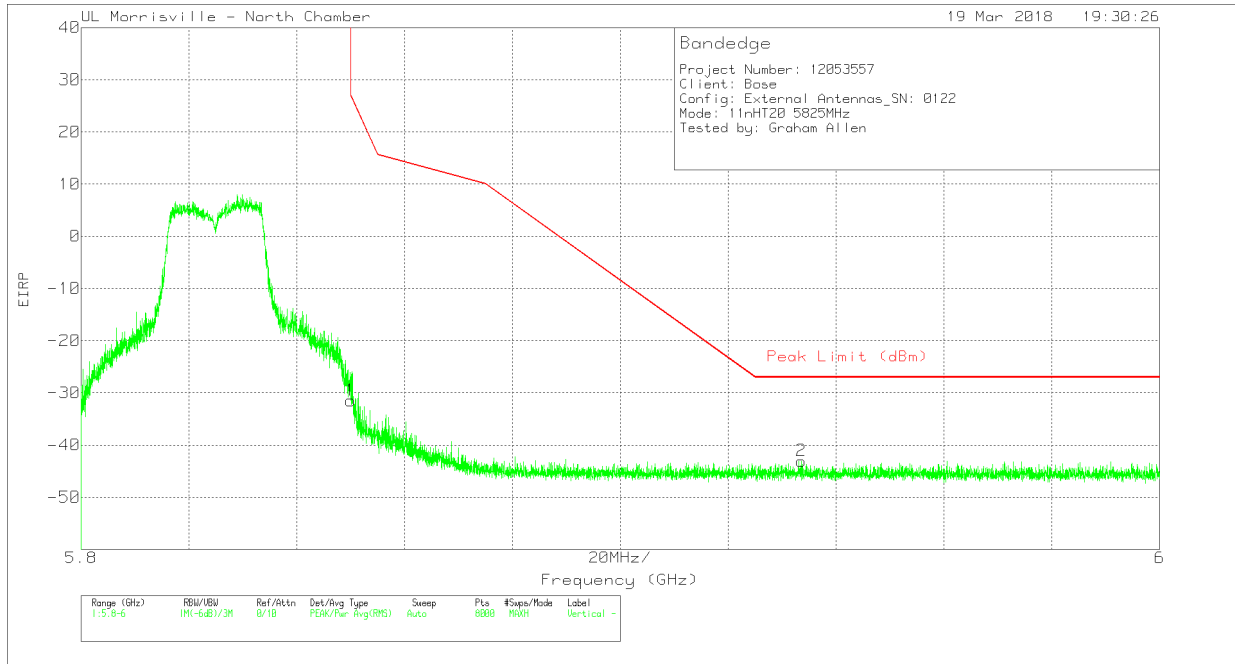
**AUTHORIZED BANDEDGE (HIGH CHANNEL) HORIZONTAL EXTERNAL ANTENNA**



Marker	Frequency (GHz)	Meter Reading (dBm)	Det	AT0072 AF (dB/m)	Amp/Cbl/Filtr/Pad (dB)	Conversion Factor (dB)	DC Corr (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.85	-49.53	Pk	34.9	-21.9	11.8	0	-24.73	26.99	-51.72	53	222	H
2	5.993	-68.07	Pk	35.1	-21.4	11.8	0	-42.57	-27	-15.57	53	222	H

Pk - Peak detector

**AUTHORIZED BANDEDGE (HIGH CHANNEL) HORIZONTAL VERTICAL ANTENNA**

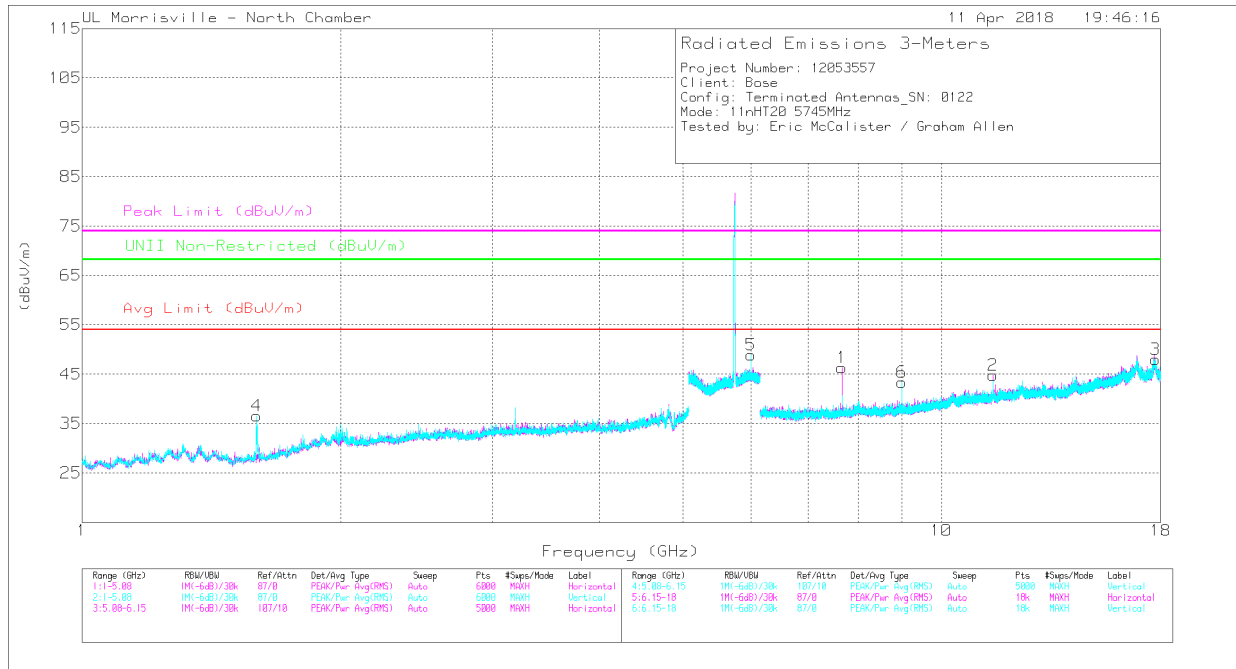


Marker	Frequency (GHz)	Meter Reading (dBm)	Det	AT0072 AF (dB/m)	Amp/Cbl/Filtr/Pad (dB)	Conversion Factor (dB)	DC Corr (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.85	-56.27	Pk	34.9	-21.9	11.8	0	-31.47	26.99	-58.46	172	248	V
2	5.934	-68.23	Pk	34.9	-21.5	11.8	0	-43.03	-27	-16.03	172	248	V

Pk - Peak detector

**HARMONICS AND SPURIOUS EMISSIONS**

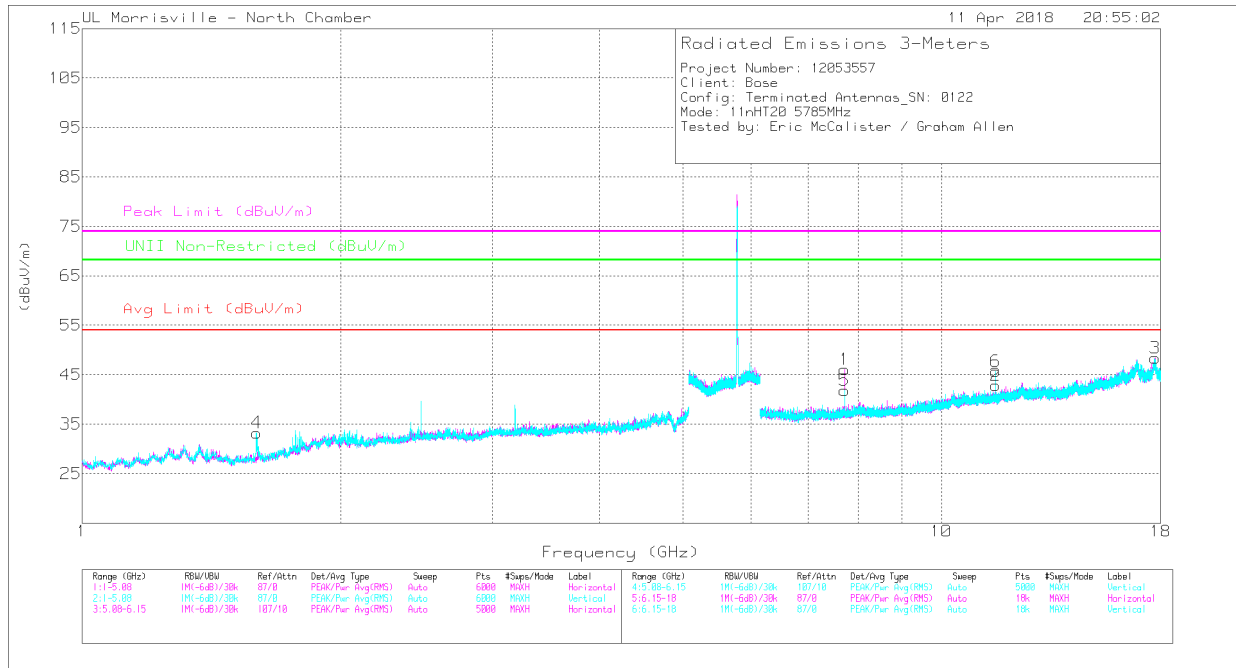
**LOW CHANNEL**



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	*** 1.597	59.05	PK-U	28	-35.9	0	51.15	-	-	74	-22.85	-	-	305	146	V
	*** 1.596	34.73	ADR	27.9	-35.9	3.27	30	54	-24	-	-	-	-	305	146	V
2	*** 11.488	37.72	PK-U	38.2	-25.6	0	50.32	-	-	74	-23.68	-	-	350	109	H
	*** 11.489	24.97	ADR	38.2	-25.6	3.27	40.84	54	-13.16	-	-	-	-	350	109	H
1	*** 7.66	44.52	PK-U	35.7	-29.4	0	50.82	-	-	74	-23.18	-	-	274	211	H
	*** 7.66	40.53	ADR	35.7	-29.4	3.27	50.1	54	-3.9	-	-	-	-	274	211	H
3	*** 17.741	34.21	PK-U	41.2	-21	0	54.41	-	-	74	-19.59	-	-	181	188	H
	*** 17.74	22.61	ADR	41.2	-21	3.27	46.08	54	-7.92	-	-	-	-	181	188	H
6	*** 9.052	36.91	PK-U	36.3	-28.6	0	44.61	-	-	74	-29.39	-	-	4	242	V
	*** 9.073	25.5	ADR	36.3	-28.8	3.27	36.27	54	-17.73	-	-	-	-	4	242	V
5	6	39.4	PK-U	35.1	-21.9	0	52.6	-	-	-	-	68.2	-15.6	351	394	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

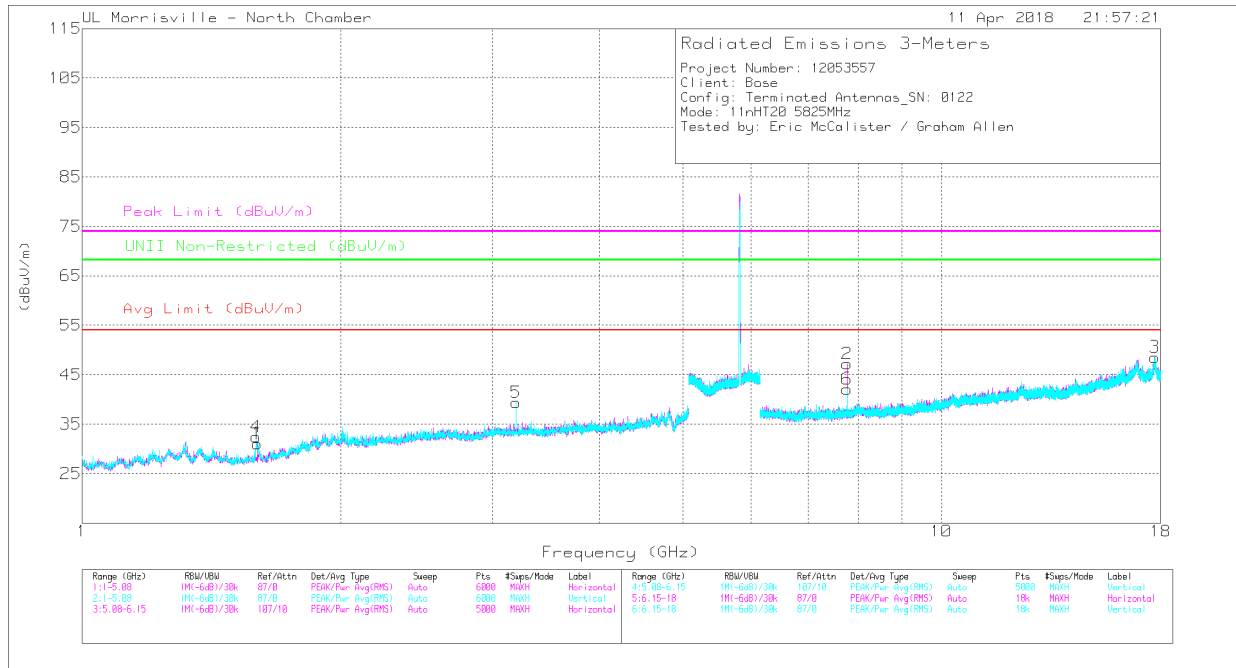
**MID CHANNEL**



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
4	*** 1.597	56.05	PK-U	28	-35.9	0	48.15	-	-	74	-25.85	-	-	313	145	V
	*** 1.595	35.12	ADR	27.9	-35.9	3.27	30.39	54	-23.61	-	-	-	-	313	145	V
1	*** 7.713	44.08	PK-U	35.8	-29.2	0	50.68	-	-	74	-23.32	-	-	276	217	H
	*** 7.713	40.44	ADR	35.8	-29.2	3.27	50.31	54	-3.69	-	-	-	-	276	217	H
2	*** 11.569	37.34	PK-U	38.3	-26.6	0	49.04	-	-	74	-24.96	-	-	345	102	H
	*** 11.569	25.12	ADR	38.3	-26.6	3.27	40.09	54	-13.91	-	-	-	-	345	102	H
3	*** 17.738	34.44	PK-U	41.2	-21	0	54.64	-	-	74	-19.36	-	-	245	102	H
	*** 17.738	22.37	ADR	41.2	-21	3.27	45.84	54	-8.16	-	-	-	-	245	102	H
5	*** 7.713	40.61	PK-U	35.8	-29.2	0	47.21	-	-	74	-26.79	-	-	311	133	V
	*** 7.713	33.07	ADR	35.8	-29.2	3.27	42.94	54	-11.06	-	-	-	-	311	133	V
6	*** 11.568	40.01	PK-U	38.3	-26.6	0	51.71	-	-	74	-22.29	-	-	332	102	V
	*** 11.57	26.91	ADR	38.3	-26.6	3.27	41.88	54	-12.12	-	-	-	-	332	102	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

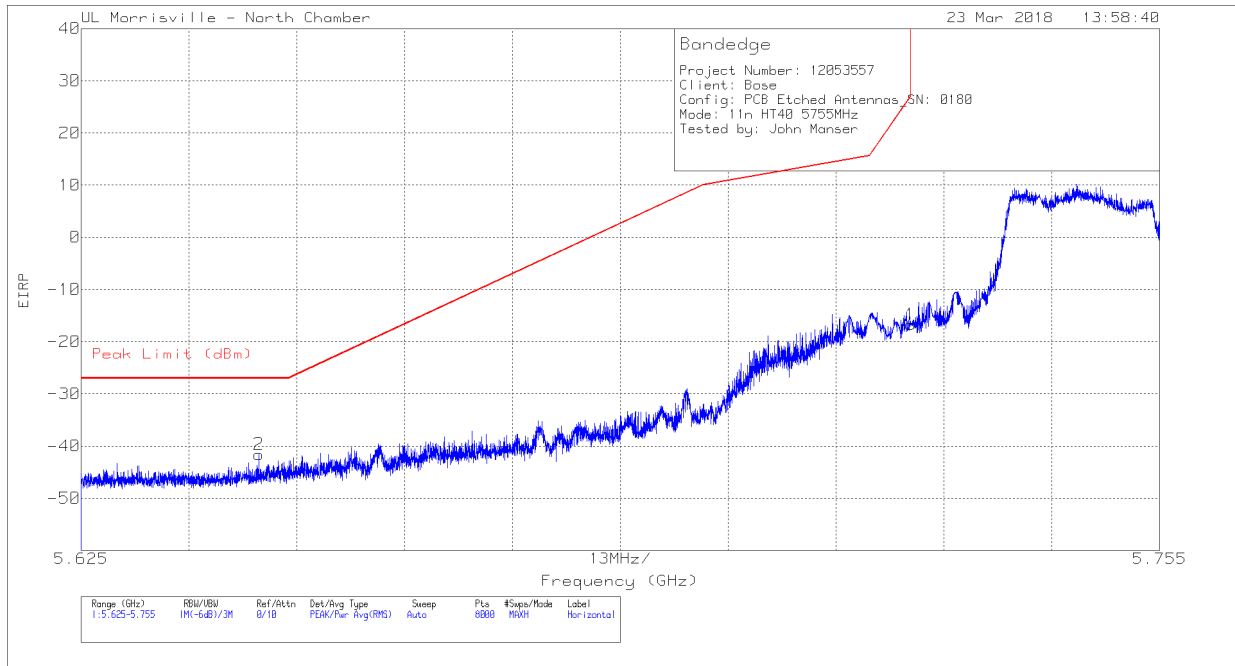
**HIGH CHANNEL**



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	*** 1.599	43.81	PK-U	28	-35.9	0	35.91	-	-	74	-38.09	-	-	220	273	H
	*** 1.601	31.5	ADR	28.1	-35.8	3.27	27.07	54	-26.93	-	-	-	-	220	273	H
4	*** 1.594	53.63	PK-U	27.9	-35.9	0	45.63	-	-	74	-28.37	-	-	329	164	V
	*** 1.594	32.54	ADR	27.9	-35.9	3.27	27.81	54	-26.19	-	-	-	-	329	164	V
3	*** 17.725	33.67	PK-U	41.2	-21.1	0	53.77	-	-	74	-20.23	-	-	266	296	H
	*** 17.724	22.38	ADR	41.2	-21.1	3.27	45.75	54	-8.25	-	-	-	-	266	296	H
5	3.2	49.2	PK-U	32.9	-33.9	0	48.2	-	-	-	-	68.2	-20	158	103	V
6	7.766	40.07	PK-U	35.9	-29	0	46.97	-	-	-	-	68.2	-21.23	307	134	V
2	7.767	43.86	PK-U	35.9	-29	0	50.76	-	-	-	-	68.2	-17.44	276	215	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

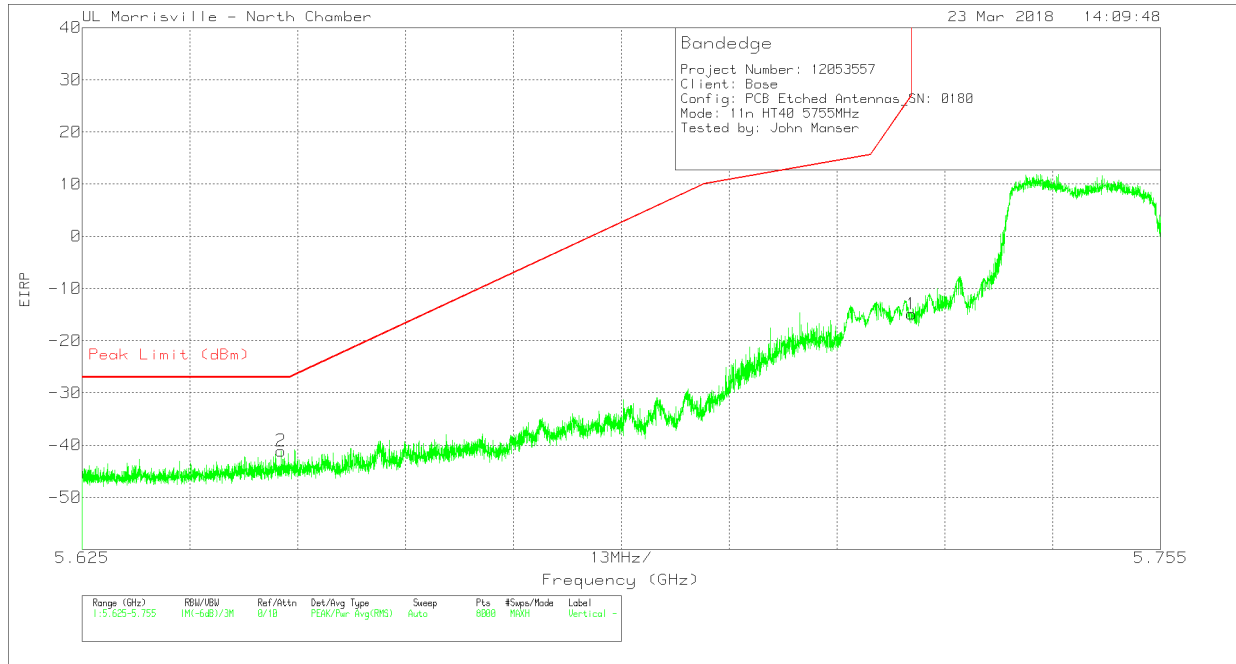
**10.17. TX ABOVE 1 GHz 802.11n HT40 MODE IN THE 5.8 GHz BAND**  
**RESTRICTED BANDEDGE (LOW CHANNEL) HORIZONTAL PCB ANTENNA**



Marker	Frequency (GHz)	Meter Reading (dBm)	Det	AT0069 AF (dB/m)	Amp/Cbl/Filtr/Pad (dB)	Conversion Factor (dB)	DC Corr (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
2	5.646	-64.59	Pk	34.6	-23.4	11.8	0	-41.59	-27	-14.59	172	356	H
1	5.725	-39.73	Pk	34.6	-23.4	11.8	0	-16.73	27	-43.73	172	356	H

Pk - Peak detector

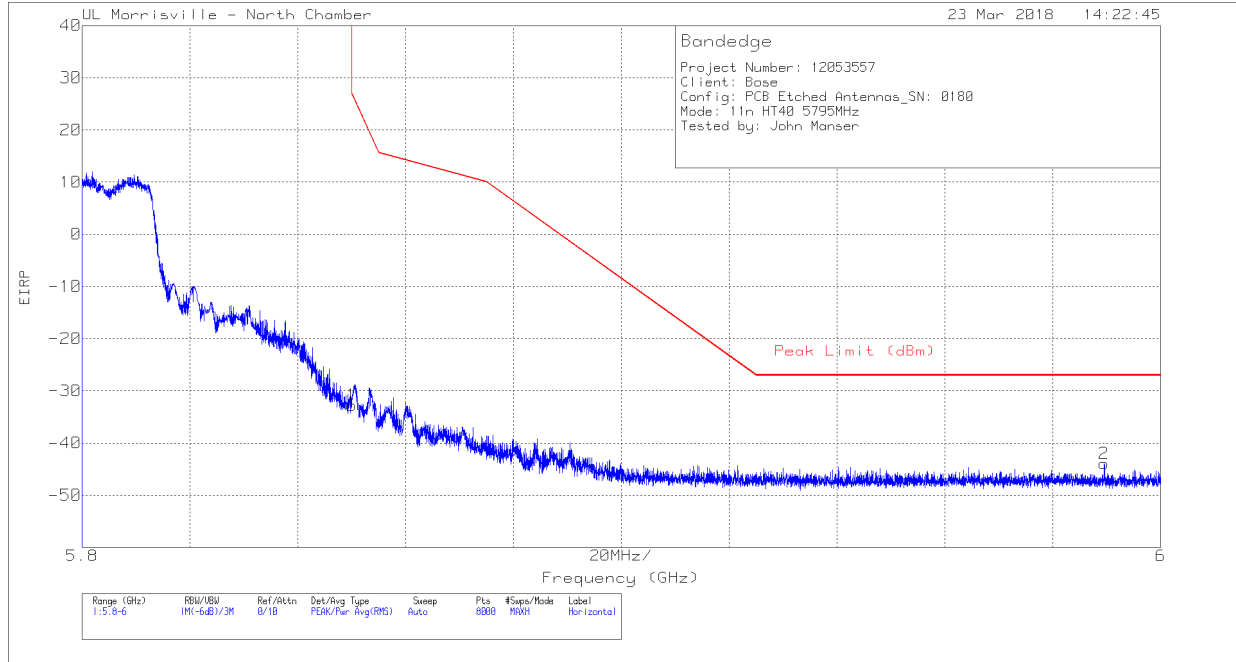
**RESTRICTED BANDEDGE (LOW CHANNEL) VERTICAL PCB ANTENNA**



Marker	Frequency (GHz)	Meter Reading (dBm)	Det	AT0069 AF (dB/m)	Amp/Cbl/Filtr/Pad (dB)	Conversion Factor (dB)	DC Corr (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
2	5.649	-64.11	Pk	34.6	-23.4	11.8	0	-41.11	-27	-14.11	26	287	V
1	5.725	-37.89	Pk	34.6	-23.4	11.8	0	-14.89	27	-41.89	26	287	V

Pk - Peak detector

**AUTHORIZED BANDEDGE (HIGH CHANNEL) HORIZONTAL PCB ANTENNA**

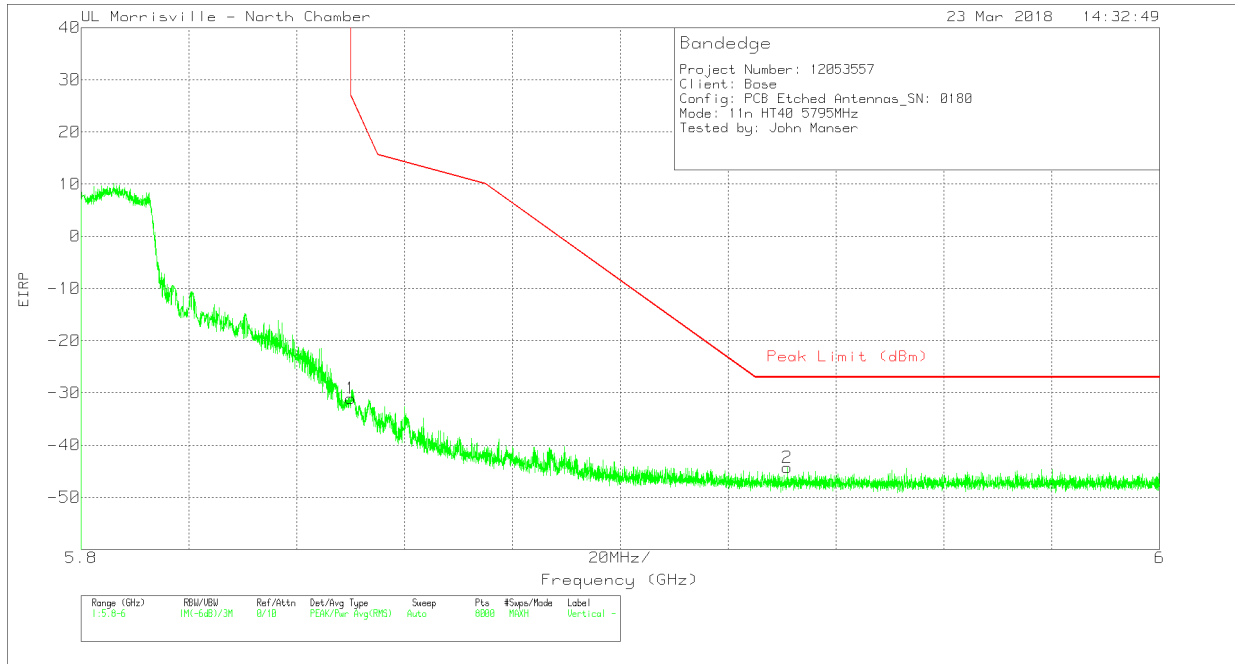


Marker	Frequency (GHz)	Meter Reading (dBm)	Det	AT0069 AF (dB/m)	Amp/Cbl/Filtr/Pad (dB)	Conversion Factor (dB)	DC Corr (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.85	-56.24	Pk	34.8	-23.1	11.8	0	-32.74	26.99	-59.73	269	235	H
2	5.989	-67.85	Pk	35.1	-23	11.8	0	-43.95	-27	-16.95	269	235	H

Pk - Peak detector



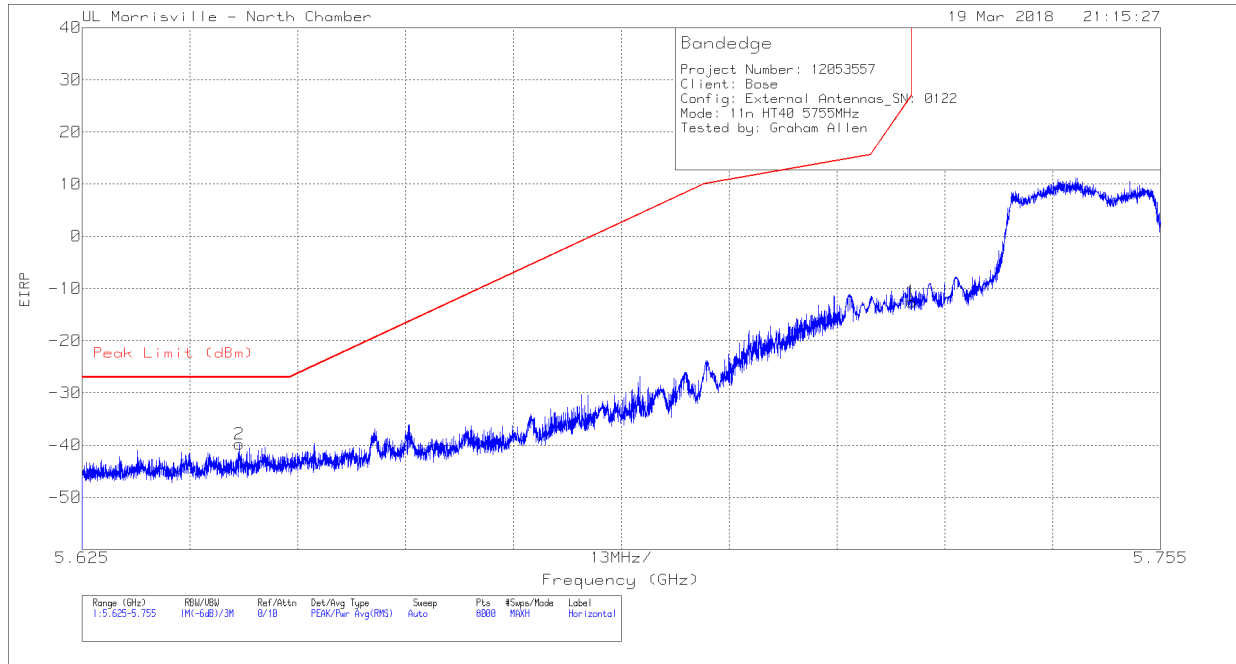
**AUTHORIZED BANDEGE (HIGH CHANNEL) VERTICAL PCB ANTENNA**



Marker	Frequency (GHz)	Meter Reading (dBm)	Det	AT0069 AF (dB/m)	Amp/Cbl/Filtr/Pad (dB)	Conversion Factor (dB)	DC Corr (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.85	-54.57	Pk	34.8	-23.1	11.8	0	-31.07	26.99	-58.06	196	226	V
2	5.931	-68.11	Pk	34.9	-22.9	11.8	0	-44.31	-27	-17.31	196	226	V

Pk - Peak detector

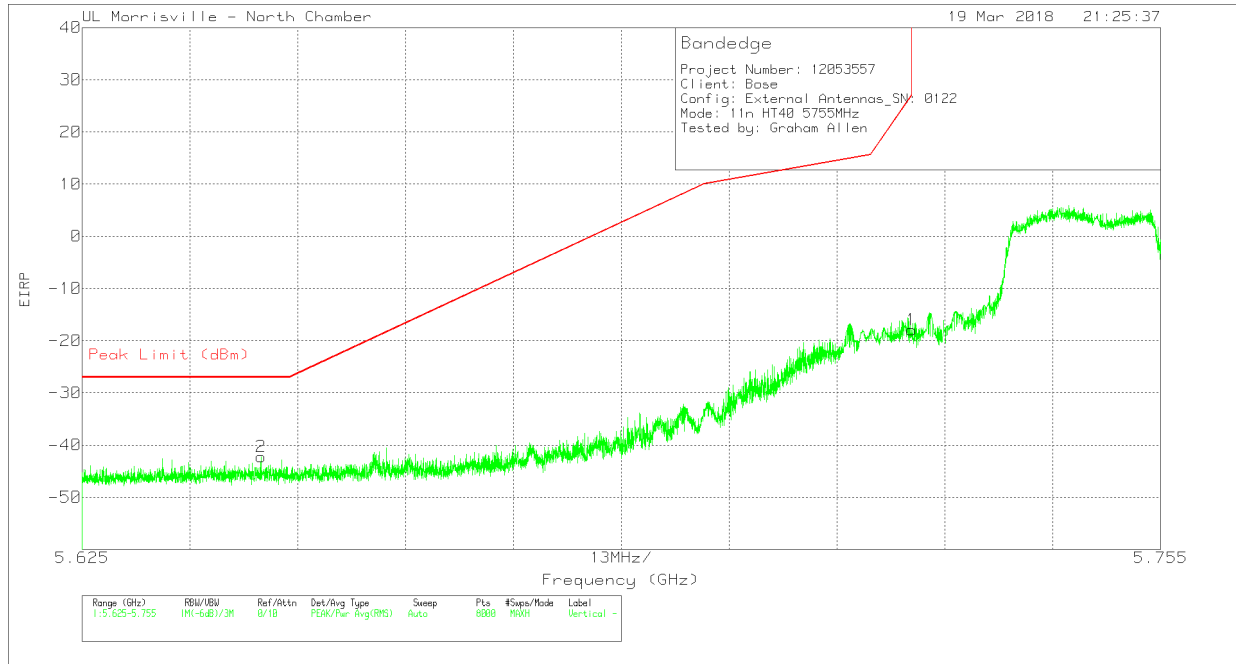
**RESTRICTED BANDEDGE (LOW CHANNEL) HORIZONTAL EXTERNAL ANTENNA**



Marker	Frequency (GHz)	Meter Reading (dBm)	Det	AT0072 AF (dB/m)	Amp/Cbl/Filtr/Pad (dB)	Conversion Factor (dB)	DC Corr (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
2	5.644	-63.69	Pk	34.6	-22.5	11.8	0	-39.79	-27	-12.79	41	307	H
1	5.725	-36.74	Pk	34.7	-22.3	11.8	0	-12.54	27	-39.54	41	307	H

Pk - Peak detector

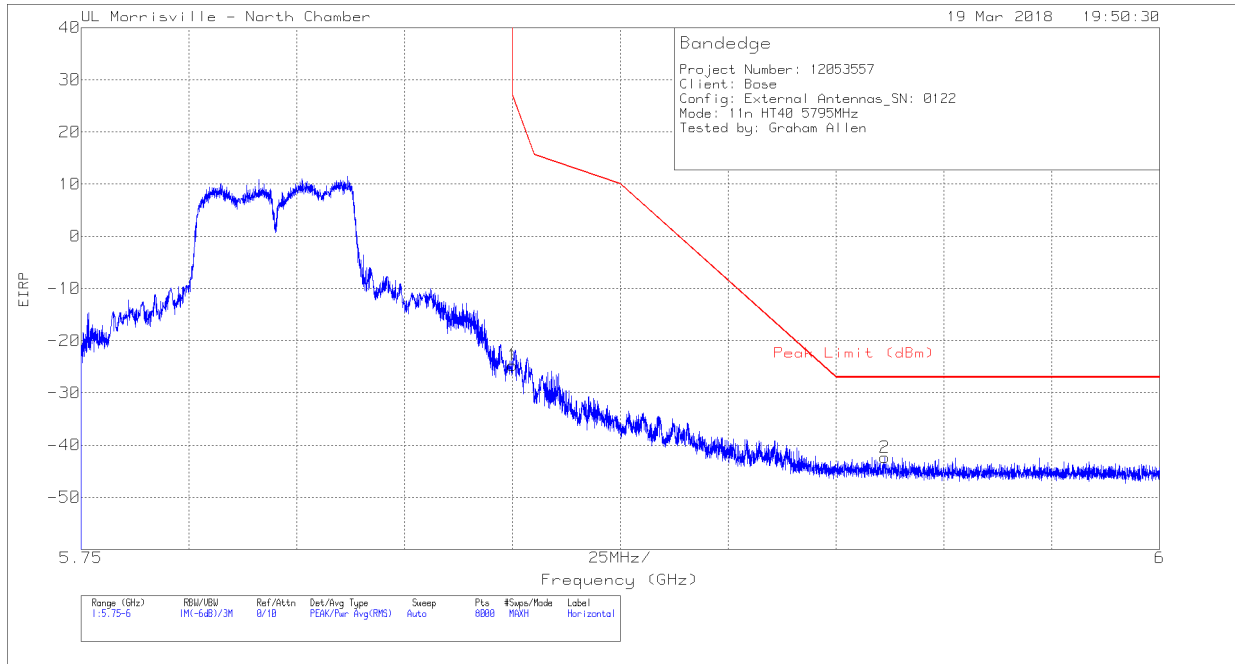
**RESTRICTED BANDEDGE (LOW CHANNEL) VERTICAL EXTERNAL ANTENNA**



Marker	Frequency (GHz)	Meter Reading (dBm)	Det	AT0072 AF (dB/m)	Amp/Cbl/Filtr/Pad (dB)	Conversion Factor (dB)	DC Corr (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
2	5.647	-66.14	Pk	34.6	-22.5	11.8	0	-42.24	-27	-15.24	163	310	V
1	5.725	-42.11	Pk	34.7	-22.3	11.8	0	-17.91	27	-44.91	163	310	V

Pk - Peak detector

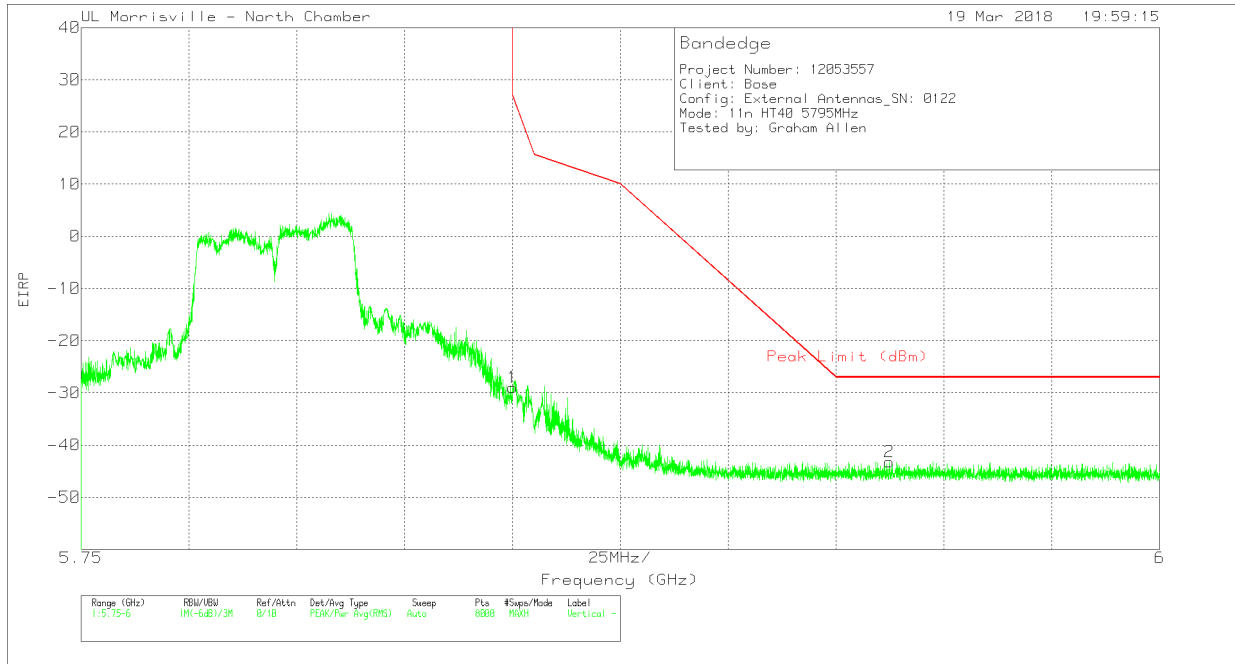
**AUTHORIZED BANDEDGE (HIGH CHANNEL) HORIZONTAL EXTERNAL ANTENNA**



Marker	Frequency (GHz)	Meter Reading (dBm)	Det	AT0072 AF (dB/m)	Amp/Cbl/Filtr/Pad (dB)	Conversion Factor (dB)	DC Corr (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.85	-49.5	Pk	34.9	-21.9	11.8	0	-24.7	26.97	-51.67	50	106	H
2	5.936	-67.58	Pk	34.9	-21.5	11.8	0	-42.38	-27	-15.38	50	106	H

Pk - Peak detector

**AUTHORIZED BANDEDGE (HIGH CHANNEL) VERTICAL EXTERNAL ANTENNA**

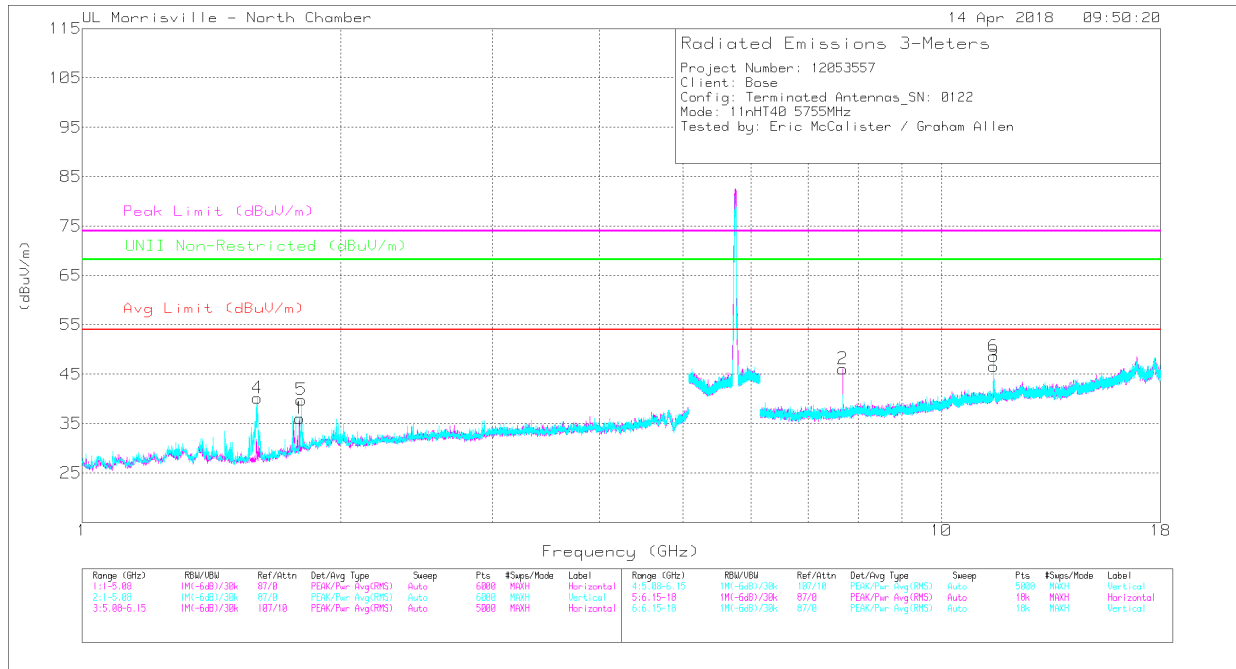


Marker	Frequency (GHz)	Meter Reading (dBm)	Det	AT0072 AF (dB/m)	Amp/Cbl/Filtr/Pad (dB)	Conversion Factor (dB)	DC Corr (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.85	-53.78	Pk	34.9	-21.9	11.8	0	-28.98	26.97	-55.95	137	383	V
2	5.937	-68.39	Pk	34.9	-21.5	11.8	0	-43.19	-27	-16.19	137	383	V

Pk - Peak detector

**HARMONICS AND SPURIOUS EMISSIONS**

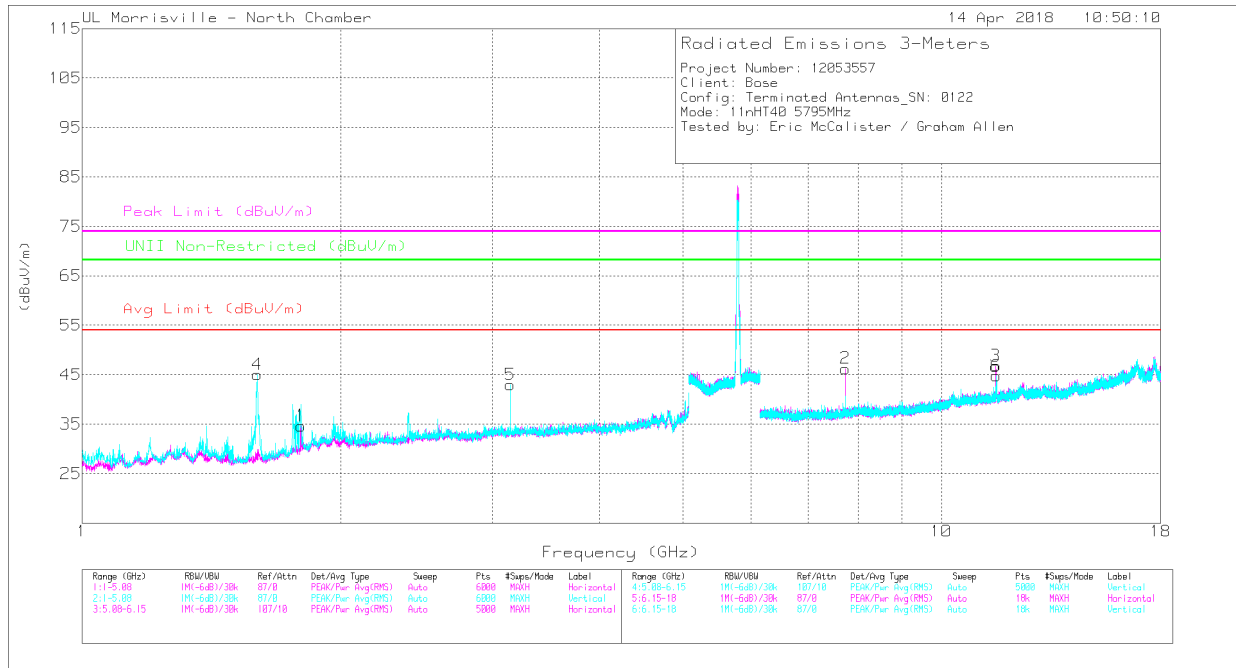
**LOW CHANNEL**



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
2	* ** 7.673	44.12	PK-U	35.8	-29.3	0	50.62	-	-	74	-23.38	-	-	275	220	H
	* ** 7.673	40.23	ADR	35.8	-29.3	2.52	49.25	54	-4.75	-	-	-	-	275	220	H
3	* ** 11.509	41.34	PK-U	38.2	-25.6	0	53.94	-	-	74	-20.06	-	-	299	118	H
	* ** 11.509	28.75	ADR	38.2	-25.6	2.52	43.87	54	-10.13	-	-	-	-	299	118	H
1	1.791	48.32	PK-U	30.1	-35.9	0	42.52	-	-	-	-	68.2	-25.68	270	204	H
4	* ** 1.599	58.8	PK-U	28	-35.9	0	50.9	-	-	74	-23.1	-	-	323	112	V
	* ** 1.599	33.78	ADR	28	-35.9	2.52	28.4	54	-25.6	-	-	-	-	323	112	V
6	* ** 11.509	38.23	PK-U	38.2	-25.6	0	50.83	-	-	74	-23.17	-	-	315	120	V
	* ** 11.509	25.85	ADR	38.2	-25.6	2.52	40.97	54	-13.03	-	-	-	-	315	120	V
5	1.799	49.12	PK-U	30.2	-36	0	43.32	-	-	-	-	68.2	-24.88	340	266	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**

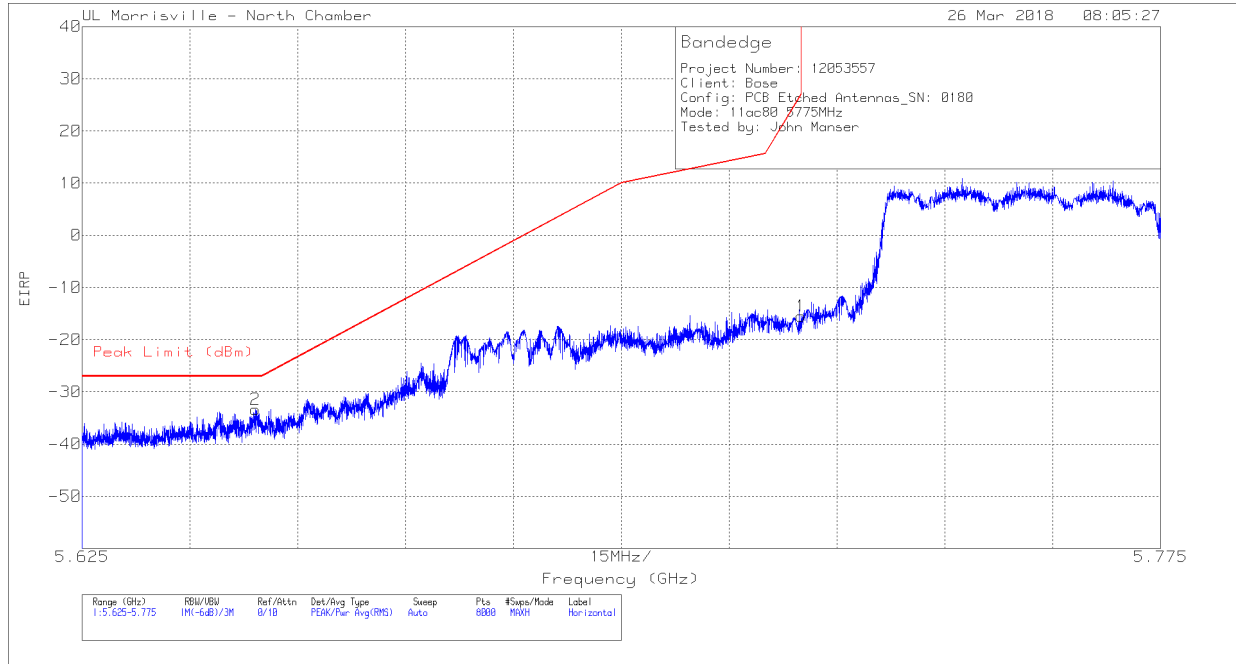


Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AT0072 AF (dB/m)	Amp/Cbl/Filtr/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
2	*** 7.727	43.79	PK-U	35.8	-29.2	0	50.39	-	-	74	-23.61	-	-	273	218	H
	*** 7.727	39.66	ADR	35.8	-29.2	2.52	48.78	54	-5.22	-	-	-	-	273	218	H
3	*** 11.569	40.42	PK-U	38.3	-26.6	0	52.12	-	-	74	-21.88	-	-	298	120	H
	*** 11.569	27.76	ADR	38.3	-26.6	2.52	41.98	54	-12.02	-	-	-	-	298	120	H
1	1.799	46.86	PK-U	30.2	-36	0	41.06	-	-	-	-	68.2	-27.14	0	105	H
4	*** 1.599	59.31	PK-U	28	-35.9	0	51.41	-	-	74	-22.59	-	-	313	151	V
	*** 1.598	34.79	ADR	28	-35.9	2.52	29.41	54	-24.59	-	-	-	-	313	151	V
6	*** 11.582	38.81	PK-U	38.3	-26.6	0	50.51	-	-	74	-23.49	-	-	315	109	V
	*** 11.582	26.09	ADR	38.3	-26.6	2.52	40.31	54	-13.69	-	-	-	-	315	109	V
5	3.15	43.05	PK-U	32.8	-33.9	0	41.95	-	-	-	-	68.2	-26.25	350	277	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

### 10.18. TX ABOVE 1 GHz 802.11acVHT80 MODE IN THE 5.8 GHz BAND

#### AUTHORIZED BANDEGE (LOW CHANNEL) HORIZONTAL PCB ANTENNA



Marker	Frequency (GHz)	Meter Reading (dBm)	Det	AT0069 AF (dB/m)	Amp/Cbl/Filtr/Pad (dB)	Conversion Factor (dB)	DC Corr (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
2	5.649	-56.37	Pk	34.6	-23.4	11.8	0	-33.37	-27	-6.37	174	119	H
1	5.725	-38.5	Pk	34.6	-23.4	11.8	0	-15.5	26.97	-42.47	174	119	H

Pk - Peak detector



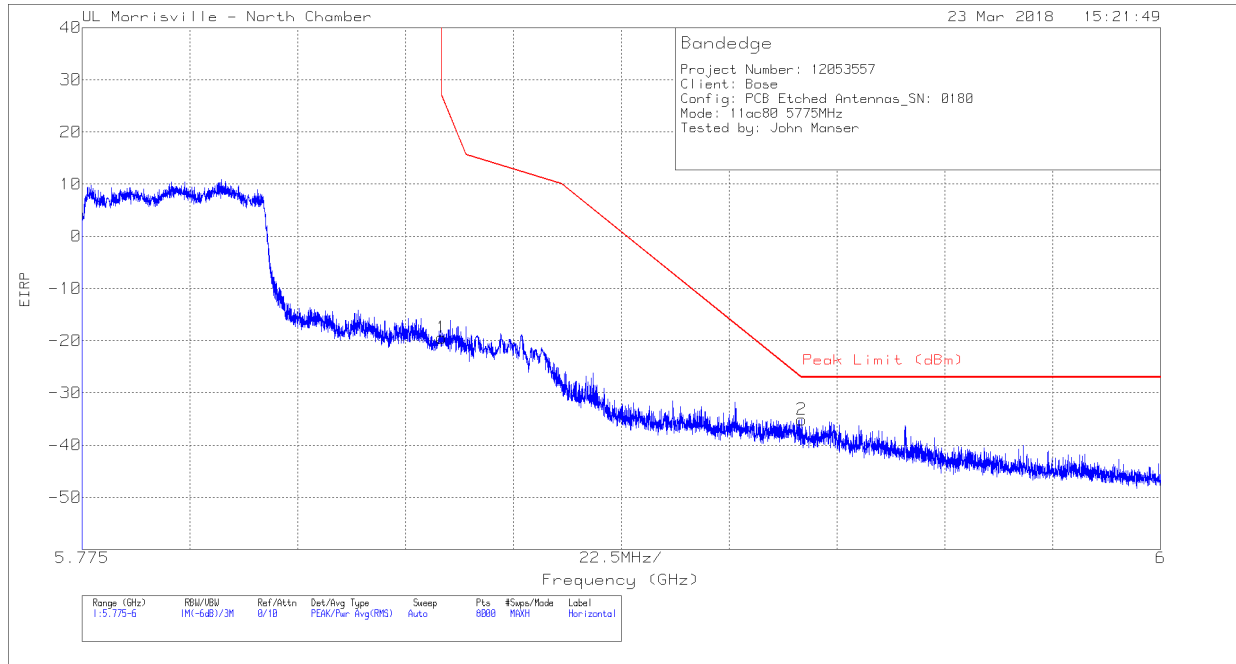
**AUTHORIZED BANDEDGE (LOW CHANNEL) VERTICAL PCB ANTENNA**



Marker	Frequency (GHz)	Meter Reading (dBm)	Det	AT0069 AF (dB/m)	Amp/Cbl/Filtr/Pad (dB)	Conversion Factor (dB)	DC Corr (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
2	5.65	-55.97	Pk	34.6	-23.4	11.8	0	-32.97	-27	-5.97	24	102	V
1	5.725	-36.66	Pk	34.6	-23.4	11.8	0	-13.66	26.97	-40.63	24	102	V

Pk - Peak detector

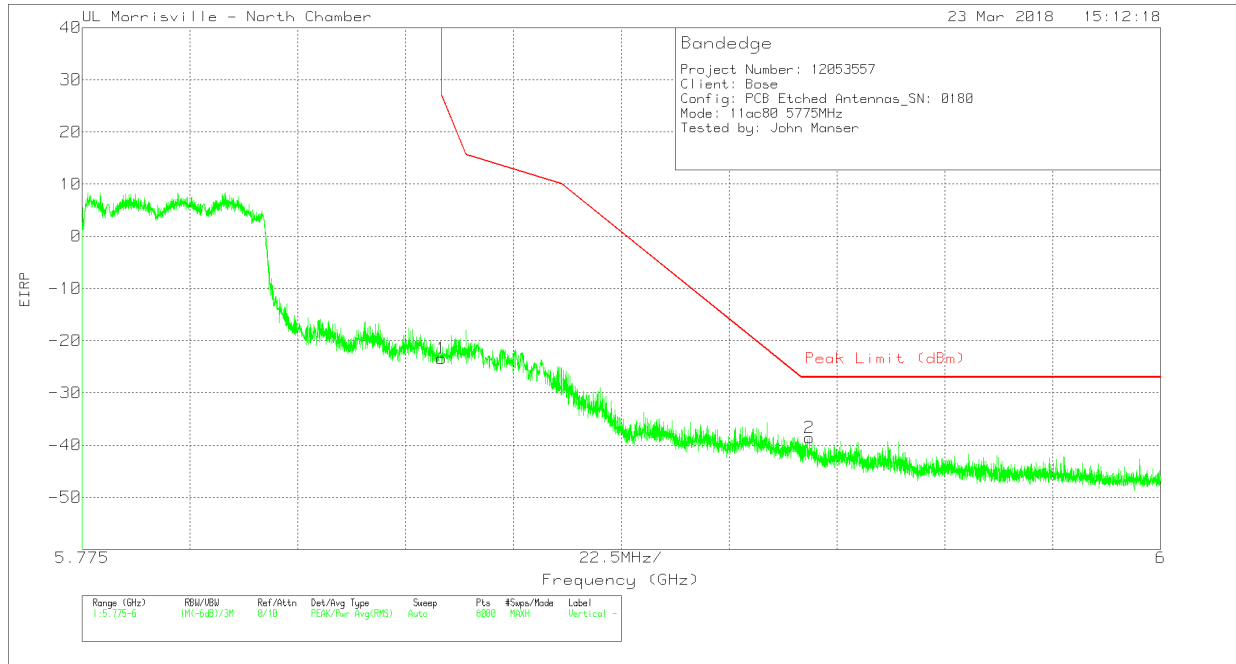
**RESTRICTED BANDEDGE (HIGH CHANNEL) HORIZONTAL PCB ANTENNA**



Marker	Frequency (GHz)	Meter Reading (dBm)	Det	AT0069 AF (dB/m)	Amp/Cbl/Filtr/Pad (dB)	Conversion Factor (dB)	DC Corr (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.85	-42.93	Pk	34.8	-23.1	11.8	0	-19.43	26.95	-46.38	212	133	H
2	5.925	-58.91	Pk	34.9	-22.9	11.8	0	-35.11	-27	-8.11	212	133	H

Pk - Peak detector

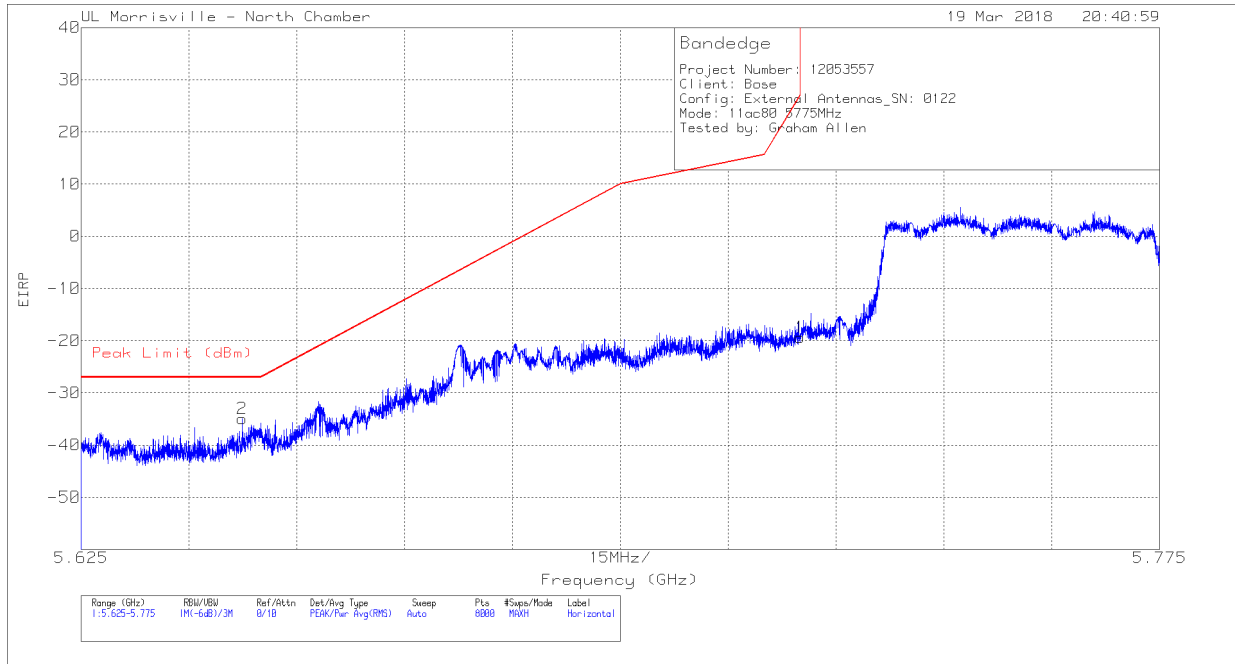
**RESTRICTED BANDEGE (HIGH CHANNEL) VERTICAL PCB ANTENNA**



Marker	Frequency (GHz)	Meter Reading (dBm)	Det	AT0069 AF (dB/m)	Amp/Cbl/Filtr/Pad (dB)	Conversion Factor (dB)	DC Corr (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.85	-46.89	Pk	34.8	-23.1	11.8	0	-23.39	26.95	-50.34	9	119	V
2	5.927	-62.4	Pk	34.9	-22.9	11.8	0	-38.6	-27	-11.6	9	119	V

Pk - Peak detector

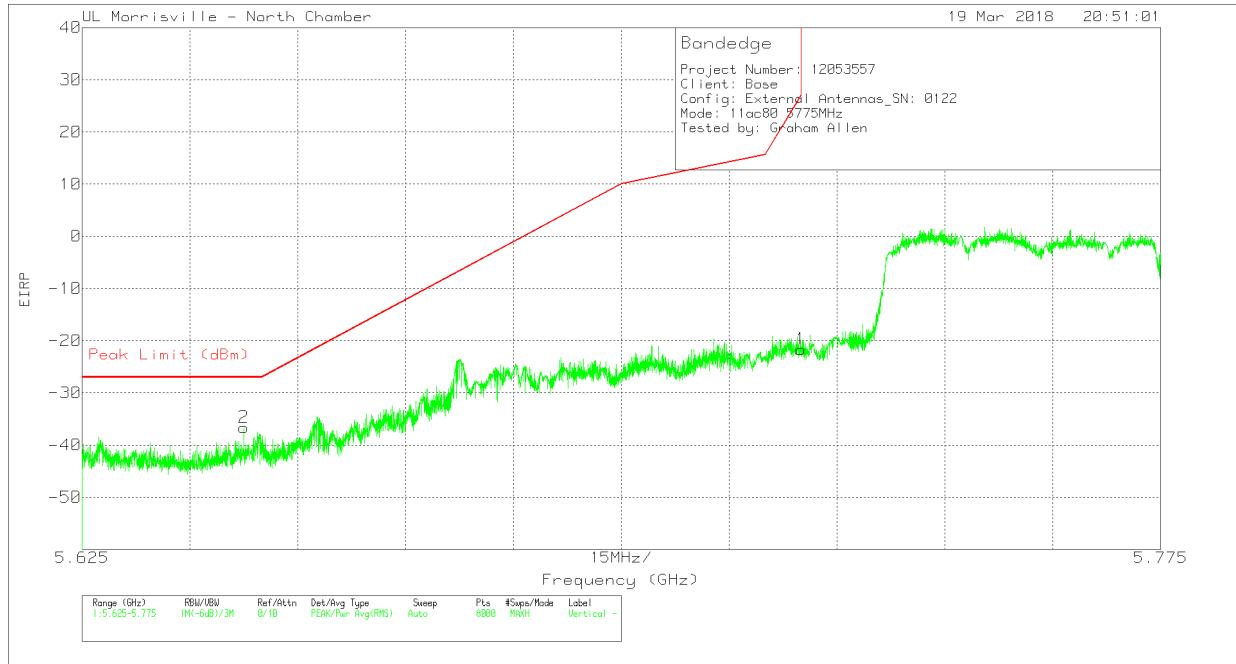
**RESTRICTED BANDEDGE (LOW CHANNEL) HORIZONTAL EXTERNAL ANTENNA**



Marker	Frequency (GHz)	Meter Reading (dBm)	Det	AT0072 AF (dB/m)	Amp/Cbl/Filtr/Pad (dB)	Conversion Factor (dB)	DC Corr (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
2	5.647	-58.83	Pk	34.6	-22.5	11.8	0	-34.93	-27	-7.93	14	283	H
1	5.725	-43.6	Pk	34.7	-22.3	11.8	0	-19.4	26.97	-46.37	14	283	H

Pk - Peak detector

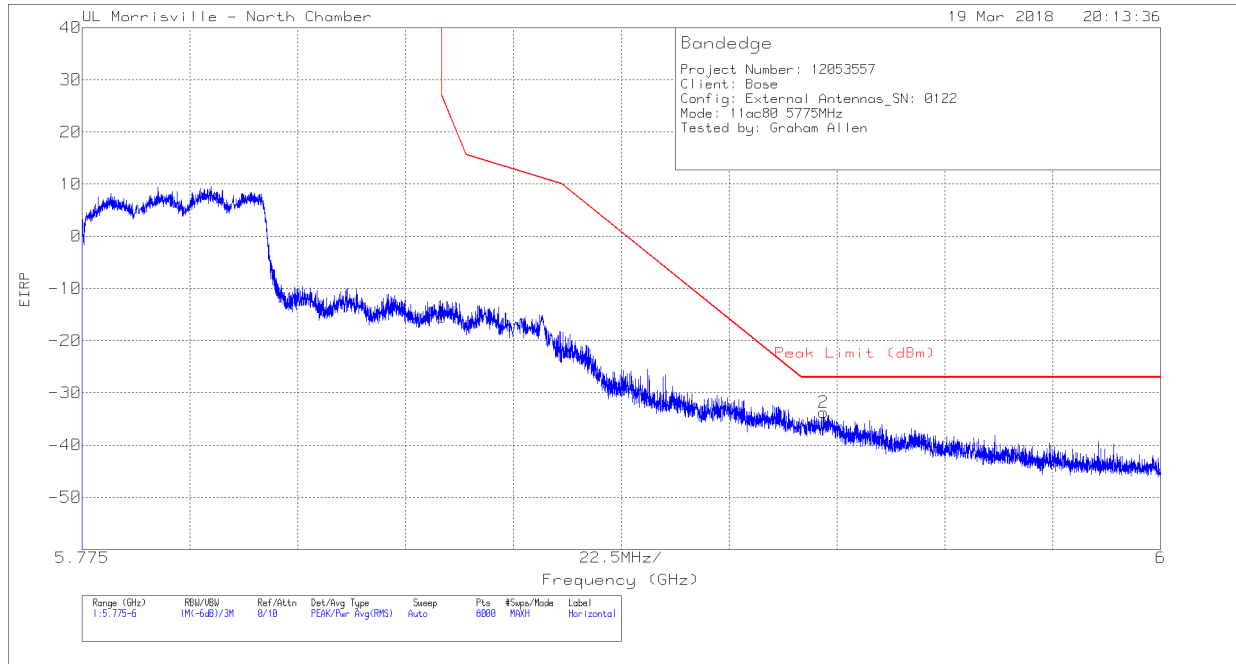
**RESTRICTED BANDEDGE (LOW CHANNEL) VERTICAL EXTERNAL ANTENNA**



Marker	Frequency (GHz)	Meter Reading (dBm)	Det	AT0072 AF (dB/m)	Amp/Cbl/Filtr/Pad (dB)	Conversion Factor (dB)	DC Corr (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
2	5.648	-60.51	Pk	34.6	-22.5	11.8	0	-36.61	-27	-9.61	125	99	V
1	5.725	-45.83	Pk	34.7	-22.3	11.8	0	-21.63	26.97	-48.6	125	99	V

Pk - Peak detector

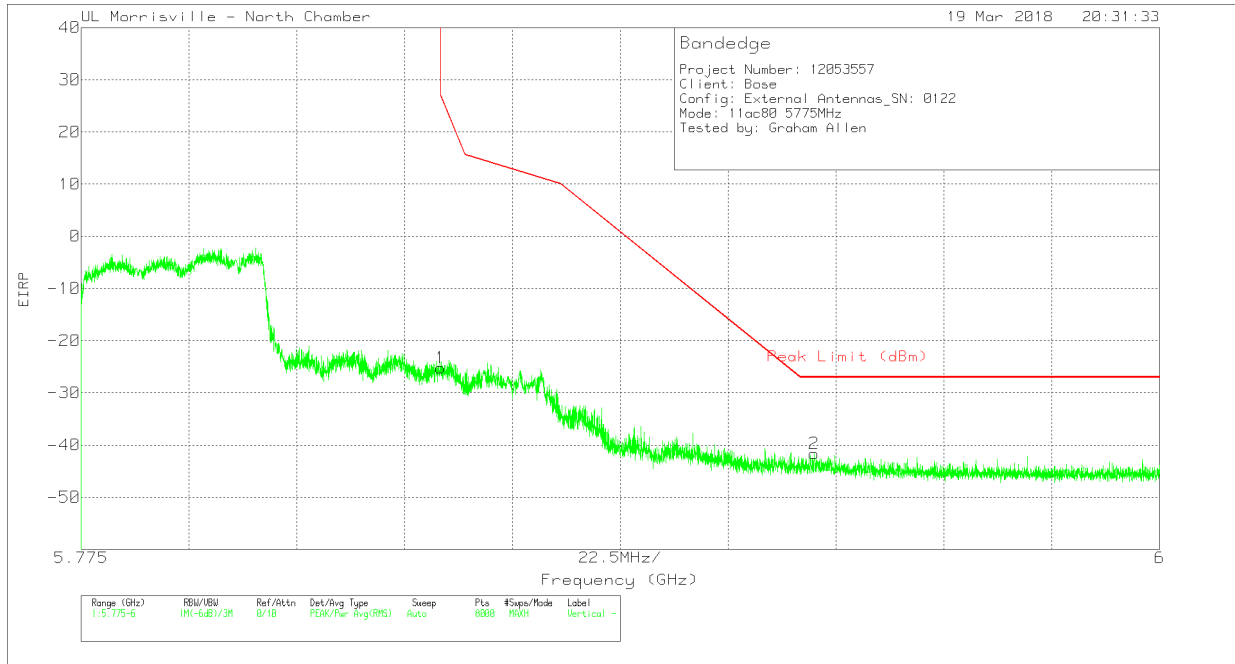
**AUTHORIZED BANDEDGE (HIGH CHANNEL) HORIZONTAL EXTERNAL ANTENNA**



Marker	Frequency (GHz)	Meter Reading (dBm)	Det	AT0072 AF (dB/m)	Amp/Cbl/Filtr/Pad (dB)	Conversion Factor (dB)	DC Corr (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.85	-40.32	Pk	34.9	-21.9	11.8	0	-15.52	26.95	-42.47	45	231	H
2	5.93	-58.94	Pk	34.9	-21.5	11.8	0	-33.74	-27	-6.74	45	231	H

Pk - Peak detector

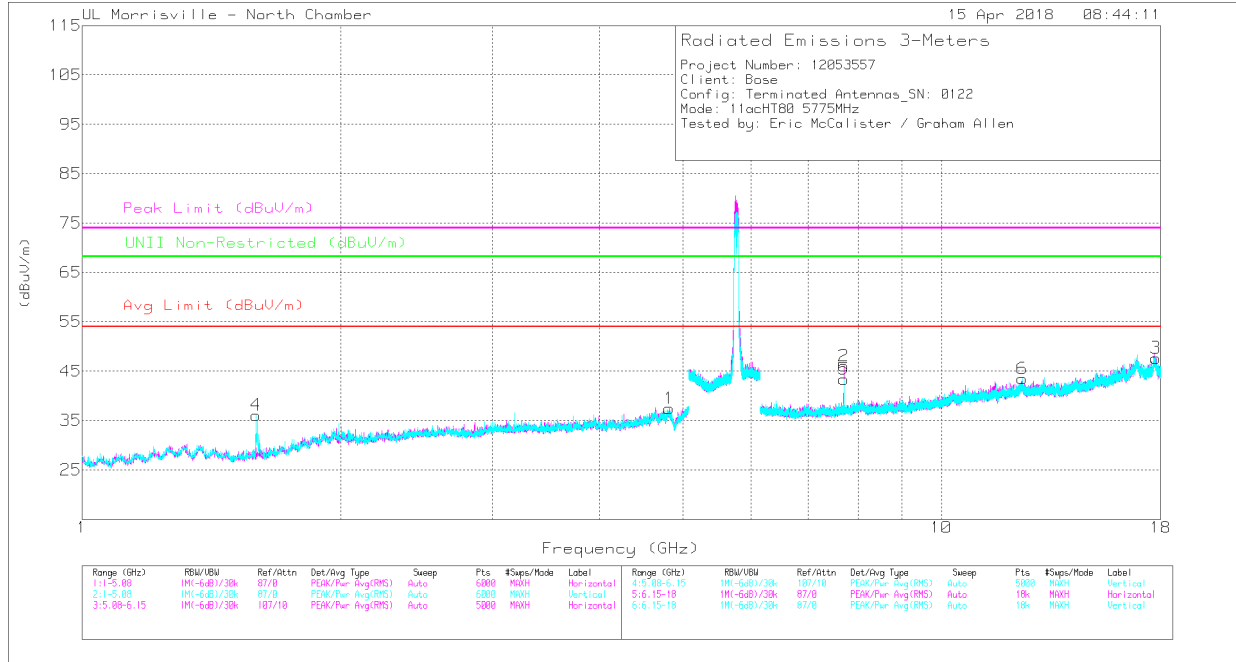
**AUTHORIZED BANDEDGE (HIGH CHANNEL) VERTICAL EXTERNAL ANTENNA**



Marker	Frequency (GHz)	Meter Reading (dBm)	Det	AT0072 AF (dB/m)	Amp/Cbl/Filtr/Pad (dB)	Conversion Factor (dB)	DC Corr (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.85	-50.02	Pk	34.9	-21.9	11.8	0	-25.22	26.95	-52.17	188	173	V
2	5.928	-66.87	Pk	34.9	-21.5	11.8	0	-41.67	-27	-14.67	188	173	V

Pk - Peak detector

**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	*** 4.822	41	PK-U	34.1	-31.2	0	43.9	-	-	74	-30.1	-	-	249	290	H
	*** 4.822	29.57	ADR	34.1	-31.2	3.62	36.09	54	-17.91	-	-	-	-	249	290	H
4	*** 1.593	59.6	PK-U	27.9	-35.9	0	51.6	-	-	74	-22.4	-	-	316	123	V
	*** 1.593	35.07	ADR	27.9	-35.9	3.62	30.69	54	-23.31	-	-	-	-	316	123	V
2	*** 7.7	43.68	PK-U	35.8	-29.3	0	50.18	-	-	74	-23.82	-	-	273	217	H
	*** 7.7	39.67	ADR	35.8	-29.3	3.62	49.79	54	-4.21	-	-	-	-	273	217	H
3	*** 17.766	33.93	PK-U	41.2	-21.9	0	53.23	-	-	74	-20.77	-	-	206	342	H
	*** 17.768	21.99	ADR	41.2	-22	3.62	44.81	54	-9.19	-	-	-	-	206	342	H
5	*** 7.7	40.77	PK-U	35.8	-29.3	0	47.27	-	-	74	-26.73	-	-	313	113	V
	*** 7.7	33.54	ADR	35.8	-29.3	3.62	43.66	54	-10.34	-	-	-	-	313	113	V
6	*** 12.423	34.86	PK-U	38.9	-25.2	0	48.56	-	-	74	-25.44	-	-	71	190	V
	*** 12.423	23.35	ADR	38.9	-25.2	3.62	40.67	54	-13.33	-	-	-	-	71	190	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

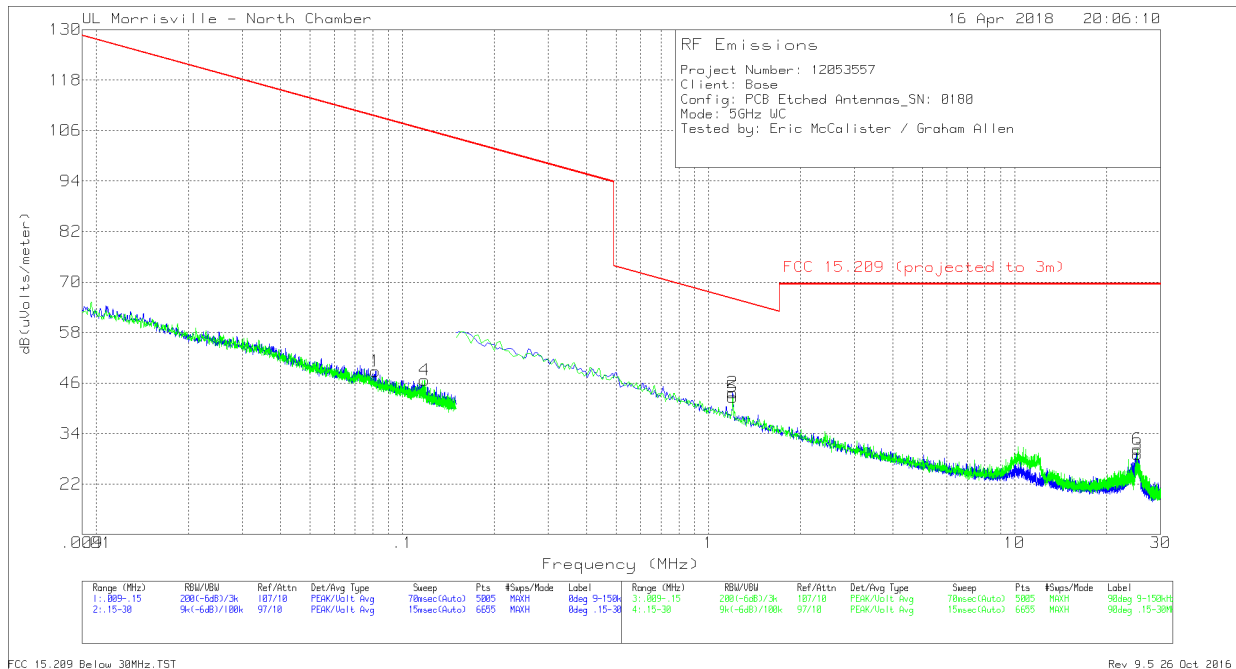


### 10.19. RADIATED WORST-CASE

#### SPURIOUS EMISSIONS 0.009 TO 30 MHz (WORST-CASE CONFIGURATION) - PCB ANTENNA

**Note:** All measurements were made at a test distance of 3 m. The limits in the plots and tabular data are the FCC/IC limits extrapolated from the specification distance (300 m from 9-490 kHz and 30 m from 490 kHz – 30 MHz) to the measurement distance to clearly show the relative levels of fundamental and spurious emissions and demonstrate compliance with the requirement that the level of any spurious emissions be below the level of the intentionally transmitted signal. The extrapolation factor for the limits were 40\*Log (specification distance / test distance).

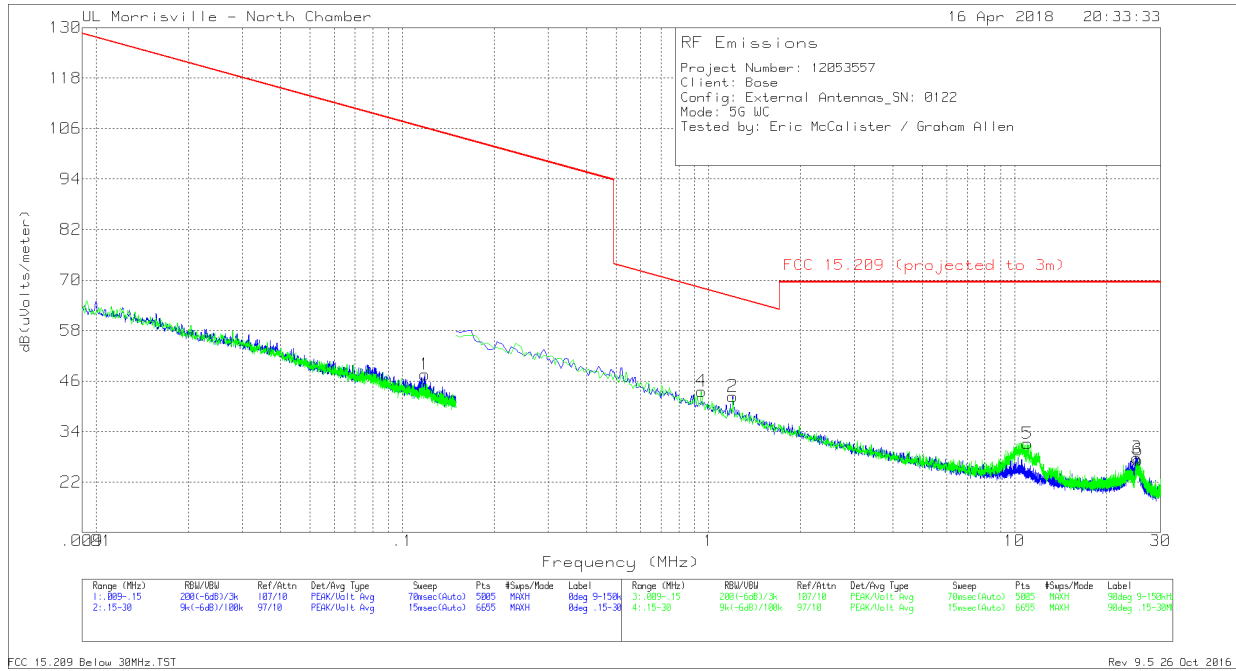
Although these tests were performed at a test site other than an open area test site, adequate comparison measurements were confirmed against an open area test site. Therefore sufficient tests were made to demonstrate that the alternative site produces results that correlate with the ones of tests made in an open field based on KDB 414788.



Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	AT0079 AF (dB/m)	Cbl (dB)	Corrected Reading dB(uV/m)	FCC QP 15.209 (projected to 3m)	QP Margin (dB)	FCC AV 15.209 (projected to 3m)	AV Margin (dB)	FCC PK 15.209 (projected to 3m)	PK Margin (dB)	Azimuth (Degs)
1	.08176	37.14	Pk	11.6	.1	48.84	-	-	109.35	-60.51	129.35	-80.51	0-360
4	.1182	35.12	Pk	11.5	.1	46.72	-	-	106.15	-59.43	126.15	-79.43	0-360
2	1.19972	31.99	Pk	11.5	.2	43.69	66.02	-22.33	-	-	-	-	0-360
5	1.19972	30.89	Pk	11.5	.2	42.59	66.02	-23.43	-	-	-	-	0-360
3	25.15048	19.34	Pk	8.9	.8	29.04	69.54	-40.5	-	-	-	-	0-360
6	25.2402	20.63	Pk	8.8	.8	30.23	69.54	-39.31	-	-	-	-	0-360

PK - Peak detector

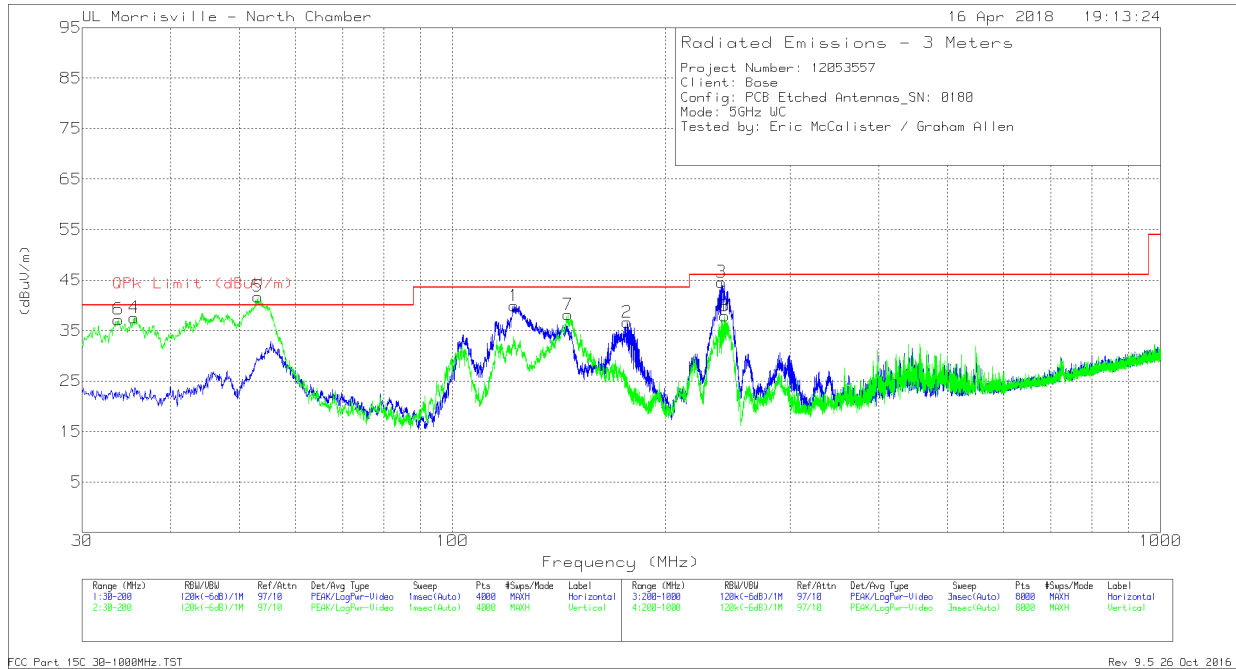
**SPURIOUS EMISSIONS 0.009 TO 30 MHz (WORST-CASE CONFIGURATION) - EXTERNAL ANTENNA**



Marker	Frequency (MHz)	Meter Reading (dBUV)	Det	AT0079 AF (dB/m)	Cbl (dB)	Corrected Reading dB(uV/m)	FCC QP 15.209 (projected to 3m)	QP Margin (dB)	FCC AV 15.209 (projected to 3m)	AV Margin (dB)	FCC PK 15.209 (projected to 3m)	PK Margin (dB)	Azimuth (Degs)
1	.11859	35.95	Pk	11.5	.1	47.55	-	-	106.12	-58.57	126.12	-78.57	0-360
4	.94851	32	Pk	11.5	.1	43.6	68.06	-24.46	-	-	-	-	0-360
2	1.19972	30.68	Pk	11.5	.2	42.38	66.02	-23.64	-	-	-	-	0-360
5	11.00612	19.94	Pk	10.7	.5	31.14	69.54	-38.4	-	-	-	-	0-360
3	25.07422	18.04	Pk	8.9	.8	27.74	69.54	-41.8	-	-	-	-	0-360
6	25.27609	17.63	Pk	8.8	.8	27.23	69.54	-42.31	-	-	-	-	0-360

Pk - Peak detector

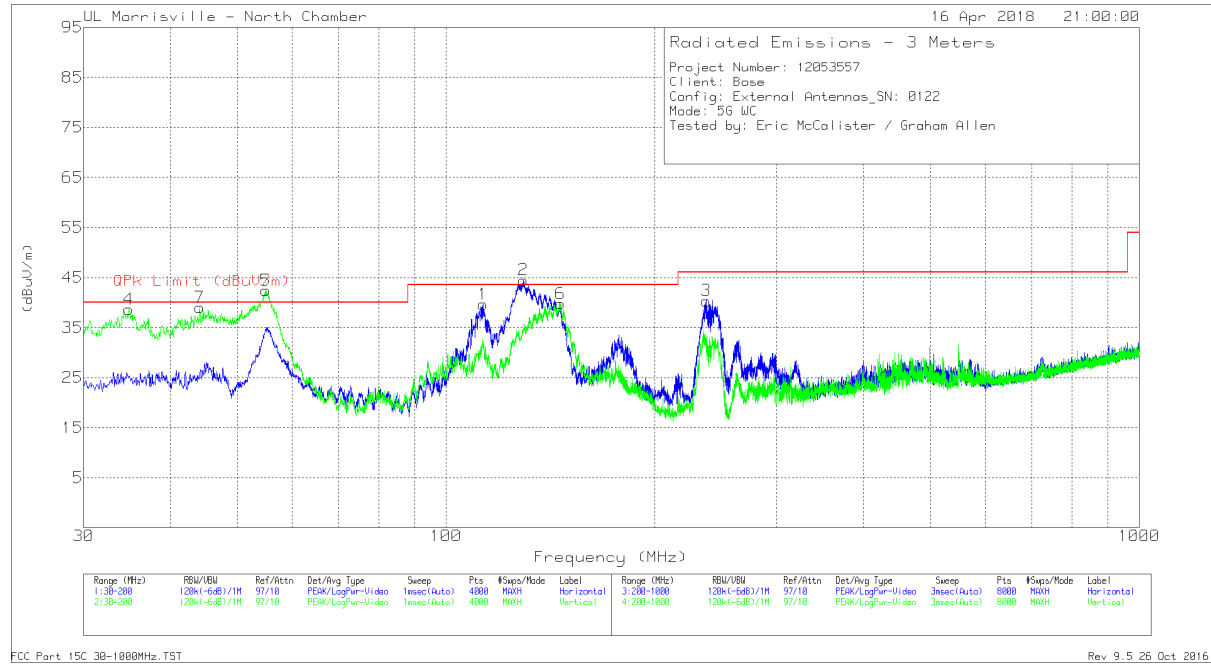
**SPURIOUS EMISSIONS 30 TO 1000 MHz (WORST-CASE CONFIGURATION) - PCB ANTENNA**



Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	AT0073 (dB/m)	Amp/Cbl (dB)	Corrected Reading (dBuV/m)	QPk Limit (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
6	33.7842	40.42	Qp	24.1	-31.7	32.82	40	-7.18	10	103	V
4	35.7326	42.91	Qp	22.4	-31.7	33.61	40	-6.39	74	102	V
5	53.1419	56.91	Qp	12.8	-31.4	38.31	40	-1.69	319	107	V
1	122.3266	48.26	Qp	19.1	-30.7	36.66	43.52	-6.86	297	170	H
7	145.332	46.59	Qp	17.9	-30.6	33.89	43.52	-9.63	62	105	V
2	176.5779	50.62	Pk	16.3	-30.3	36.62	43.52	-6.9	0-360	199	H
3	239.9962	53.94	Qp	17.3	-29.9	41.34	46.02	-4.68	224	128	H
8	242.3055	50.41	Pk	17.3	-29.8	37.91	46.02	-8.11	0-360	102	V

Pk - Peak detector  
 Qp - Quasi-Peak detector

**SPURIOUS EMISSIONS 30 TO 1000 MHz (WORST-CASE CONFIGURATION) - EXT ANTENNA**



Frequency (MHz)	Meter Reading (dBuV)	Det	AT0073 (dB/m)	Amp/Cbl (dB)	Corrected Reading (dBuV/m)	QPk Limit (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
34.6725	42.1	Qp	23.4	-31.7	33.8	40	-6.2	46	108	V
43.9471	48.24	Qp	16.3	-31.5	33.04	40	-6.96	233	109	V
55.1422	58.03	Qp	12.6	-31.4	39.23	40	-.77	310	106	V
112.7661	47.19	Qp	18.3	-30.8	34.69	43.52	-8.83	275	278	H
128.866	53.08	Qp	19.1	-30.6	41.58	43.52	-1.94	110	223	H
146.2823	50	Qp	17.9	-30.6	37.3	43.52	-6.22	199	151	V
237.2808	49.27	Qp	17.2	-29.9	36.57	46.02	-9.45	243	134	H

Qp - Quasi-Peak detector

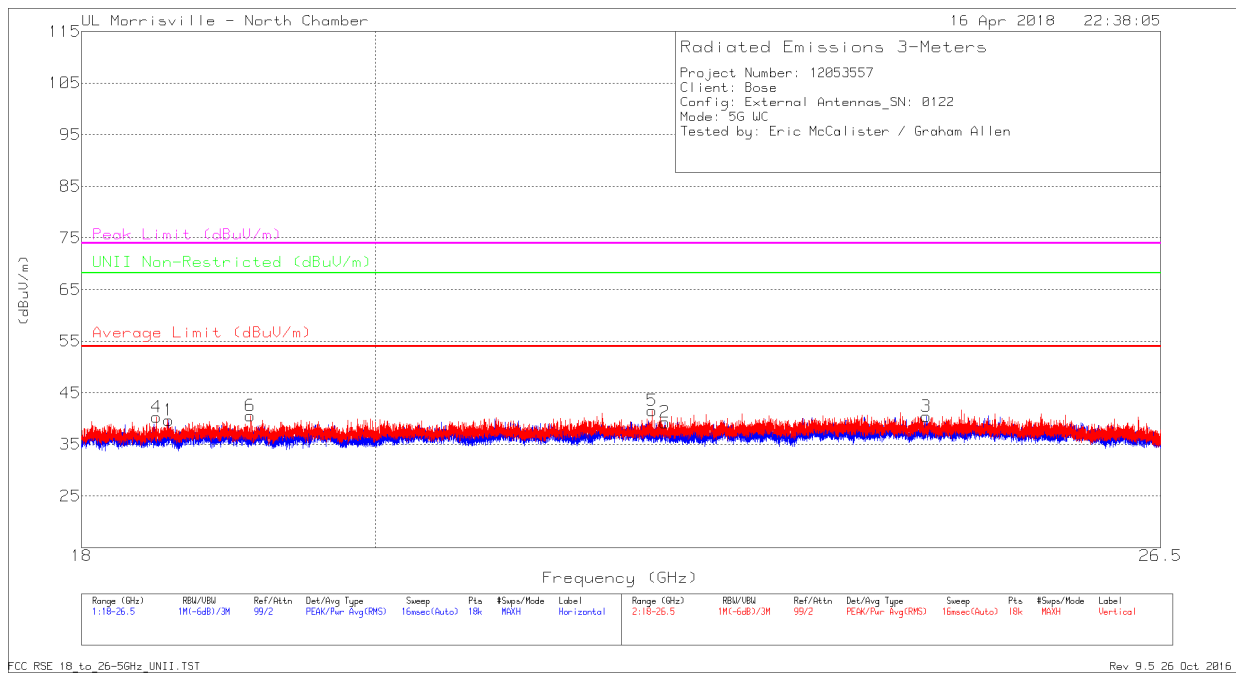
**SPURIOUS EMISSIONS 18 TO 26.5 GHz (WORST-CASE CONFIGURATION) – PCB ANTENNA**



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AT0076 AF (dB/m)	Amp/Cbl (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* ** 18.583	47.19	Pk	32.6	-40.6	0	39.19	54	-14.81	74	-34.81	-	-	0-360	199	H
2	* ** 22.531	47.85	Pk	33.7	-40.8	0	40.75	54	-13.25	74	-33.25	-	-	0-360	299	H
4	* ** 18.708	49.28	Pk	32.5	-40.7	0	41.08	54	-12.92	74	-32.92	-	-	0-360	299	V
5	21.77	48.96	Pk	33.5	-40.9	0	41.56	-	-	-	-	68.2	-26.64	0-360	252	V
3	26.051	46.43	Pk	34.5	-39	0	41.93	-	-	-	-	68.2	-26.27	0-360	299	H
6	26.463	46.78	Pk	34.7	-38.7	0	42.78	-	-	-	-	68.2	-25.42	0-360	202	V

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

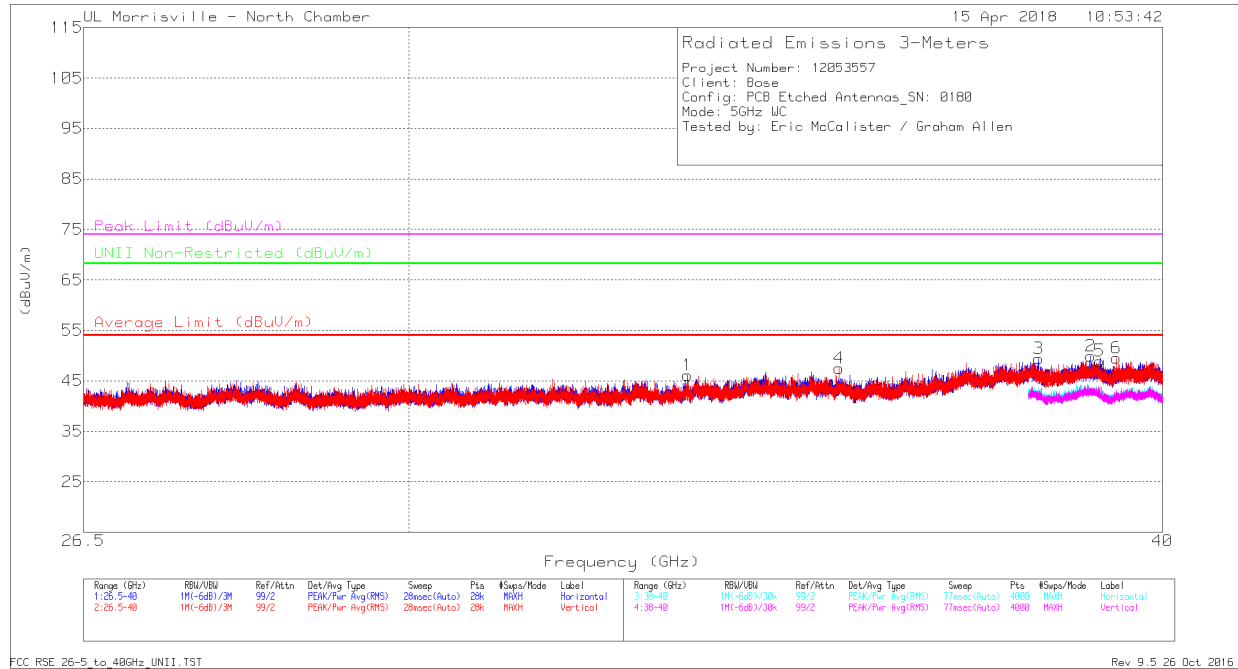
**SPURIOUS EMISSIONS 18 TO 26.5 GHz (WORST-CASE CONFIGURATION) – EXT ANTENNA**



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AT0076 AF (dB/m)	Amp/Cbl (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* ** 18.572	47.62	Pk	32.5	-40.5	0	39.62	54	-14.38	74	-34.38	-	-	0-360	149	H
2	* ** 22.188	46.44	Pk	33.6	-40.8	0	39.24	54	-14.76	74	-34.76	-	-	0-360	299	H
4	* ** 18.489	48.74	Pk	32.4	-40.8	0	40.34	54	-13.66	74	-33.66	-	-	0-360	202	V
5	* ** 22.083	48.52	Pk	33.8	-40.8	0	41.52	54	-12.48	74	-32.48	-	-	0-360	152	V
6	* ** 19.123	48.93	Pk	32.7	-41.1	0	40.53	54	-13.47	74	-33.47	-	-	0-360	102	V
3	24.365	46.36	Pk	34.2	-40.1	0	40.46	-	-	-	-	68.2	-27.74	0-360	249	H

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

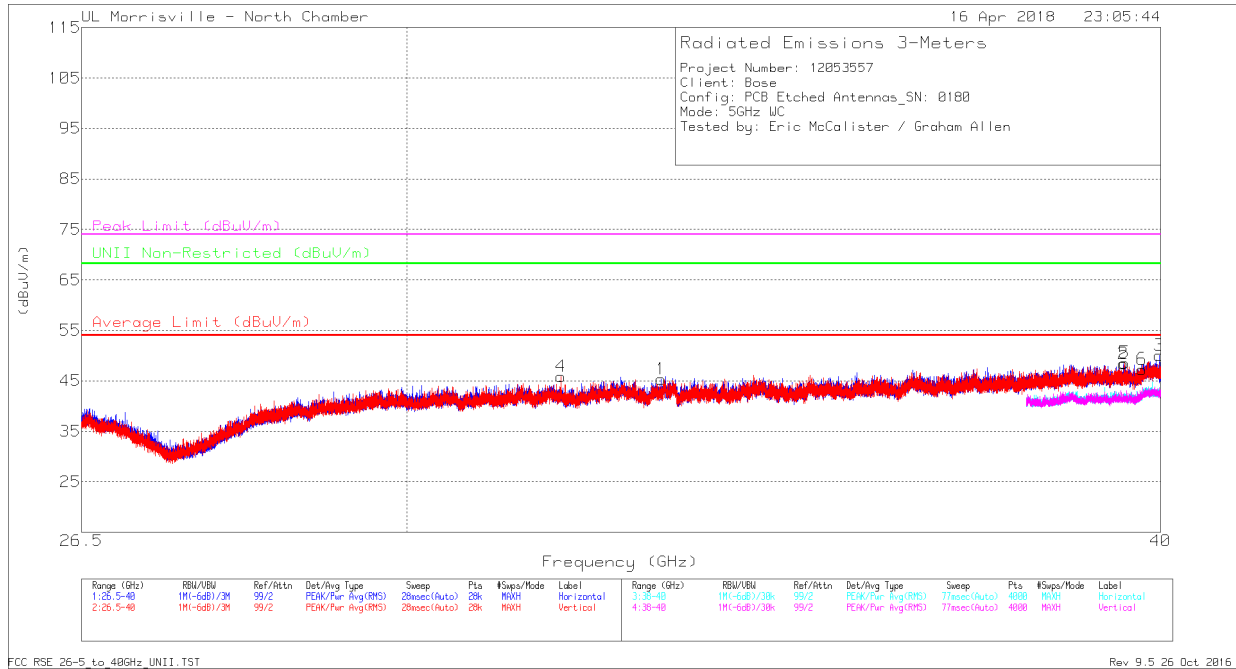
**SPURIOUS EMISSIONS 26 TO 40 GHz (WORST-CASE CONFIGURATION) - PCB ANTENNA**



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AT0077 AF (dB/m)	Amp/Cbl (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
2	* ** 38.917	46.1	PK-U	38.6	-34.4	0	50.3	54	-3.7	74	-23.7	-	-	181	300	H
5	* ** 39.05	44.53	PK-U	38.5	-34.2	0	48.83	54	-5.17	74	-25.17	-	-	346	237	V
6	* ** 39.302	44.07	PK-U	38.5	-33.9	0	48.67	54	-5.33	74	-25.33	-	-	250	178	V
1	33.369	46.93	Pk	36.9	-37.7	0	46.13	-	-	-	-	68.2	-22.07	0-360	102	H
4	35.351	47.25	Pk	37.6	-37.4	0	47.45	-	-	-	-	68.2	-20.75	0-360	252	V
3	38.155	45.76	PK-U	38.1	-35.2	0	48.66	-	-	-	-	68.2	-19.54	60	383	H

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

**SPURIOUS EMISSIONS 26 TO 40 GHz (WORST-CASE CONFIGURATION) - EXT ANTENNA**



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AT0077 AF (dB/m)	Amp/Cbl (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
2	*** 39.438	42.95	PK-U	38.4	-33.7	0	47.65	54	-6.35	74	-26.35	-	-	230	371	H
3	*** 39.978	42.81	PK-U	38.9	-33.1	0	48.61	54	-5.39	74	-25.39	-	-	16	132	H
5	*** 39.455	42.58	PK-U	38.5	-33.5	0	47.58	54	-6.42	74	-26.42	-	-	333	298	V
6	*** 39.716	42.01	Pk	38.6	-33.3	0	47.31	54	-6.69	74	-26.69	-	-	0-360	252	V
4	31.816	46.5	Pk	36.6	-37.3	0	45.8	-	-	-	-	68.2	-22.4	0-360	299	V
1	33.061	45.9	Pk	37	-37.5	0	45.4	-	-	-	-	68.2	-22.8	0-360	199	H

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



## 11. AC POWER LINE CONDUCTED EMISSIONS

### LIMITS

FCC §15.207 (a)

RSS-Gen 8.8

Frequency of Emission (MHz)	Conducted Limit (dBuV)	
	Quasi-peak	Average
0.15-0.5	66 to 56	56 to 46
0.5-5	56	46
5-30	60	50

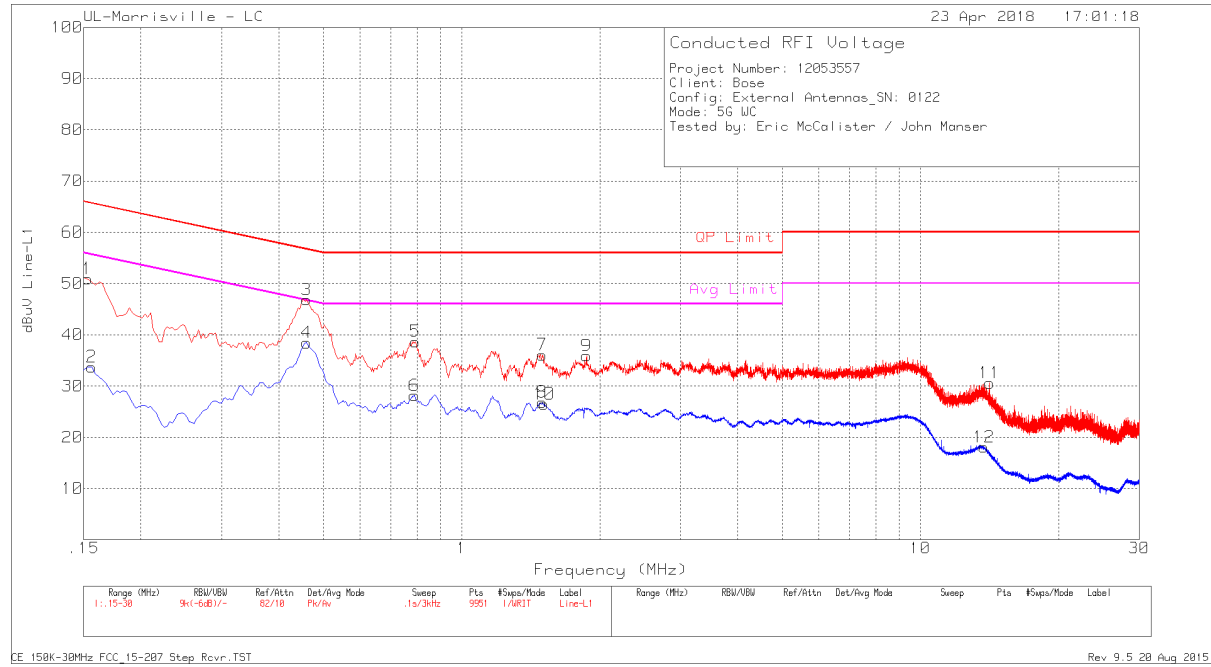
\*Decreases with the logarithm of the frequency.

The EUT is placed on a non-conducting table 40 cm from the vertical ground plane and 80 cm above the horizontal ground plane. The EUT is configured in accordance with ANSI C63.10.

The receiver is set to a resolution bandwidth of 9 kHz. Peak detection is used unless otherwise noted as quasi-peak or average.

Line conducted data is recorded for both lines.

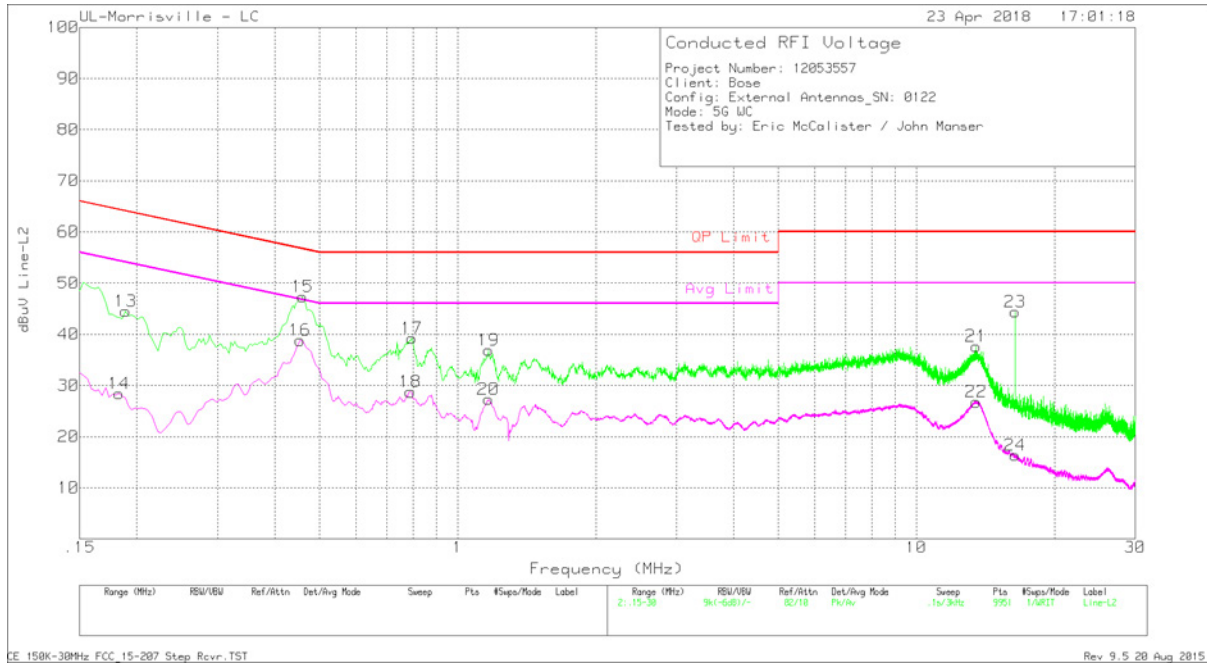
**LINE 1 RESULTS EXTERNAL ANTENNA**



Range 1: Line=L1 .15 - 30MHz										
Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	LISN VCF (dB)	Cbl/Limiter (dB)	Corrected Reading dBuV	QP Limit	Margin (dB)	Avg Limit	Margin (dB)
1	.153	40.74	Pk	.2	10	50.94	65.84	-14.9	-	-
2	.156	23.54	Av	.2	10	33.74	-	-	55.67	-21.93
3	.459	36.94	Pk	0	9.9	46.84	56.71	-9.87	-	-
4	.459	28.55	Av	0	9.9	38.45	-	-	46.71	-8.26
5	.792	28.78	Pk	0	9.9	38.68	56	-17.32	-	-
6	.789	18.3	Av	0	9.9	28.2	-	-	46	-17.8
7	1.5	26.07	Pk	0	10	36.07	56	-19.93	-	-
8	1.5	16.86	Av	0	10	26.86	-	-	46	-19.14
9	1.872	25.89	Pk	0	10	35.89	56	-20.11	-	-
10	1.512	16.5	Av	0	10	26.5	-	-	46	-19.5
11	14.145	20.38	Pk	.1	10.1	30.58	60	-29.42	-	-
12	13.767	7.92	Av	.1	10.1	18.12	-	-	50	-31.88

Pk - Peak detector  
 Av - Average detection

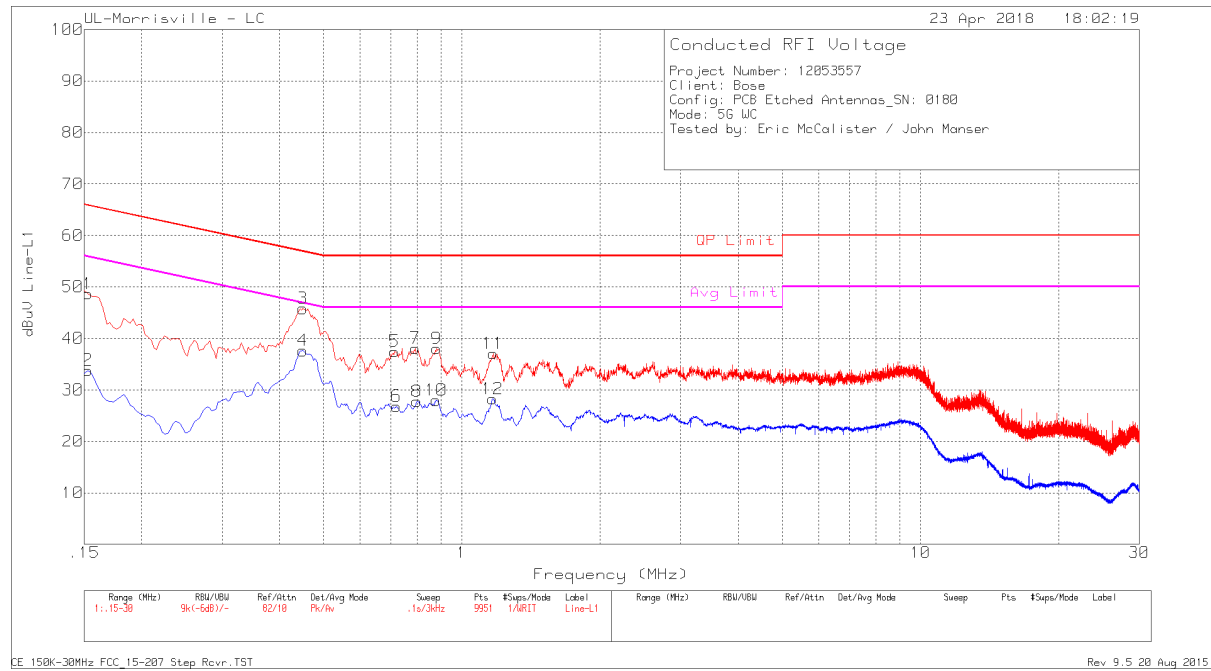
**LINE 2 RESULTS EXTERNAL ANTENNA**



Range 2: Line-L2 .15 - 30MHz										
Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	LISN VCF (dB)	Cbl/Limiter (dB)	Corrected Reading dBuV	QP Limit	Margin (dB)	Avg Limit	Margin (dB)
13	.189	34.34	Pk	.2	10	44.54	64.08	-19.54	-	-
14	.183	18.2	Av	.2	10	28.4	-	-	54.35	-25.95
15	.459	37.36	Pk	.1	9.9	47.36	56.71	-9.35	-	-
16	.453	28.82	Av	.1	9.9	38.82	-	-	46.82	-8
17	.795	29.32	Pk	0	9.9	39.22	56	-16.78	-	-
18	.789	18.84	Av	0	9.9	28.74	-	-	46	-17.26
19	1.167	27.02	Pk	0	9.9	36.92	56	-19.08	-	-
20	1.167	17.4	Av	0	9.9	27.3	-	-	46	-18.7
21	13.5	27.47	Pk	.1	10.1	37.67	60	-22.33	-	-
22	13.491	16.57	Av	.1	10.1	26.77	-	-	50	-23.23
23	16.404	34.17	Pk	.1	10.1	44.37	60	-15.63	-	-
24	16.404	6.18	Av	.1	10.1	16.38	-	-	50	-33.62

Pk - Peak detector  
 Av - Average detection

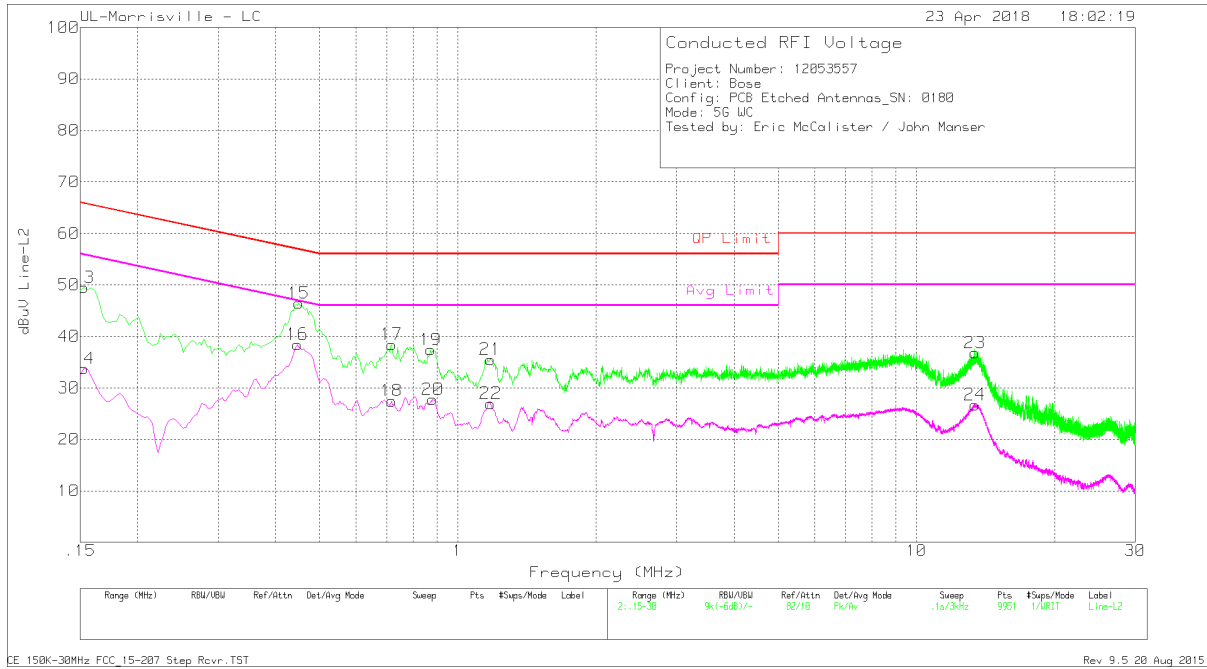
**LINE 1 RESULTS PCB ANTENNA**



Range 1: Line-L1 .15 - 30MHz										
Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	LISN VCF (dB)	Cbl/Limiter (dB)	Corrected Reading dBuV	QP Limit	Margin (dB)	Avg Limit	Margin (dB)
1	.153	38.43	Pk	.2	10	48.63	65.84	-17.21	-	-
2	.153	23.59	Av	.2	10	33.79	-	-	55.84	-22.05
3	.45	35.81	Pk	.1	9.9	45.81	56.88	-11.07	-	-
4	.45	27.62	Av	.1	9.9	37.62	-	-	46.88	-9.26
5	.714	27.54	Pk	0	9.9	37.44	56	-18.56	-	-
6	.72	16.93	Av	0	9.9	26.83	-	-	46	-19.17
7	.792	28.18	Pk	0	9.9	38.08	56	-17.92	-	-
8	.798	17.87	Av	0	9.9	27.77	-	-	46	-18.23
9	.882	28.11	Pk	0	9.9	38.01	56	-17.99	-	-
10	.879	18.07	Av	0	9.9	27.97	-	-	46	-18.03
11	1.17	27.16	Pk	0	9.9	37.06	56	-18.94	-	-
12	1.167	18.37	Av	0	9.9	28.27	-	-	46	-17.73

Pk - Peak detector  
 Av - Average detection

**LINE 2 RESULTS PCB ANTENNA**



Range 2: Line-L2 .15 - 30MHz										
Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	LISN VCF (dB)	Cbl/Limiter (dB)	Corrected Reading dBuV	QP Limit	Margin (dB)	Avg Limit	Margin (dB)
13	.153	39.31	Pk	.2	10	49.51	65.84	-16.33	-	-
14	.153	23.56	Av	.2	10	33.76	-	-	55.84	-22.08
15	.45	36.47	Pk	.1	9.9	46.47	56.88	-10.41	-	-
16	.447	28.45	Av	.1	9.9	38.45	-	-	46.93	-8.48
17	.717	28.53	Pk	0	9.9	38.43	56	-17.57	-	-
18	.717	17.57	Av	0	9.9	27.47	-	-	46	-18.53
19	.873	27.51	Pk	0	9.9	37.41	56	-18.59	-	-
20	.882	17.84	Av	0	9.9	27.74	-	-	46	-18.26
21	1.179	25.61	Pk	0	9.9	35.51	56	-20.49	-	-
22	1.179	17.05	Av	0	9.9	26.95	-	-	46	-19.05
23	13.416	26.62	Pk	.1	10.1	36.82	60	-23.18	-	-
24	13.416	16.52	Av	.1	10.1	26.72	-	-	50	-23.28

Pk - Peak detector  
 Av - Average detection