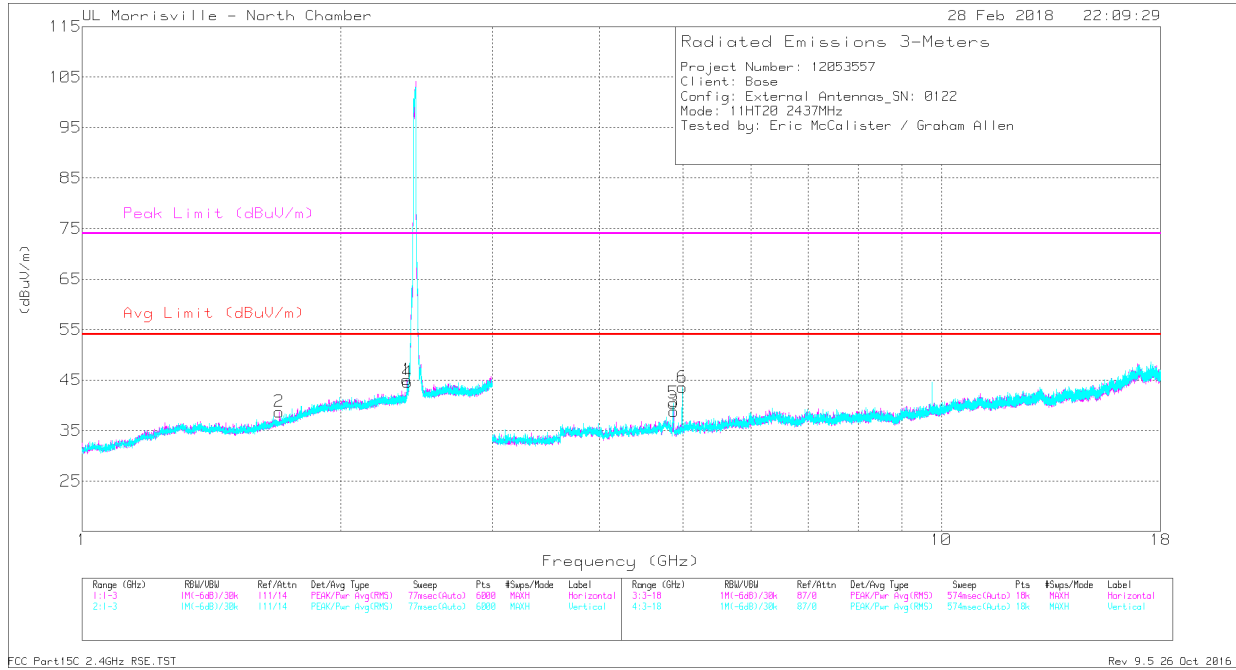


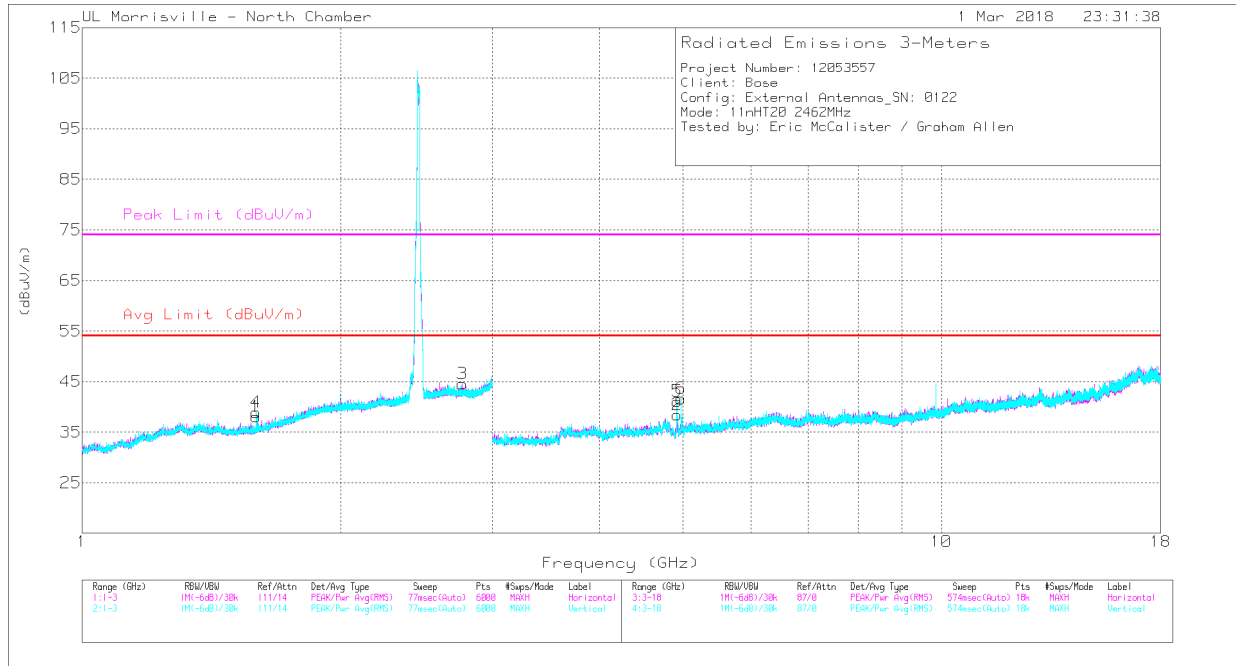
Mid Channel



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)	Azimuth (Degs)	Height (cm)	Polarity
1	** * 2.389	42.88	PK2	31.8	-23.9	0	50.78	-	-	74	-23.22	116	117	H
	** * 2.389	30.69	MAv1	31.8	-23.9	3.46	42.05	54	-11.95	-	-	116	117	H
2	** * 1.694	38.41	PK2	28.7	-23.9	0	43.21	-	-	74	-30.79	301	136	H
	** * 1.695	26.53	MAv1	28.7	-23.9	3.46	34.79	54	-19.21	-	-	301	136	H
3	** * 4.885	42.66	PK2	34	-30.9	0	45.76	-	-	74	-28.24	251	131	H
	** * 4.885	29.64	MAv1	34	-30.9	3.46	36.2	54	-17.8	-	-	251	131	H
4	** * 2.388	45.72	PK2	31.8	-23.9	0	53.62	-	-	74	-20.38	143	249	V
	** * 2.389	32.7	MAv1	31.8	-23.9	3.46	44.06	54	-9.94	-	-	143	249	V
5	** * 4.874	46.2	PK2	34	-31	0	49.2	-	-	74	-24.8	136	278	V
	** * 4.873	33.09	MAv1	34	-31	3.46	39.55	54	-14.45	-	-	136	278	V
6	** * 4.99	52.14	PK2	34.1	-32.2	0	54.04	-	-	74	-19.96	253	135	V
	** * 4.99	29.19	MAv1	34.1	-32.2	3.46	34.55	54	-19.45	-	-	253	135	V

\* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band  
 \*\* - indicates frequency in Taiwan NCC LP0002 Restricted Band  
 PK2 - Maximum Peak  
 MAv1 -Maximum RMS Average

**High Channel**

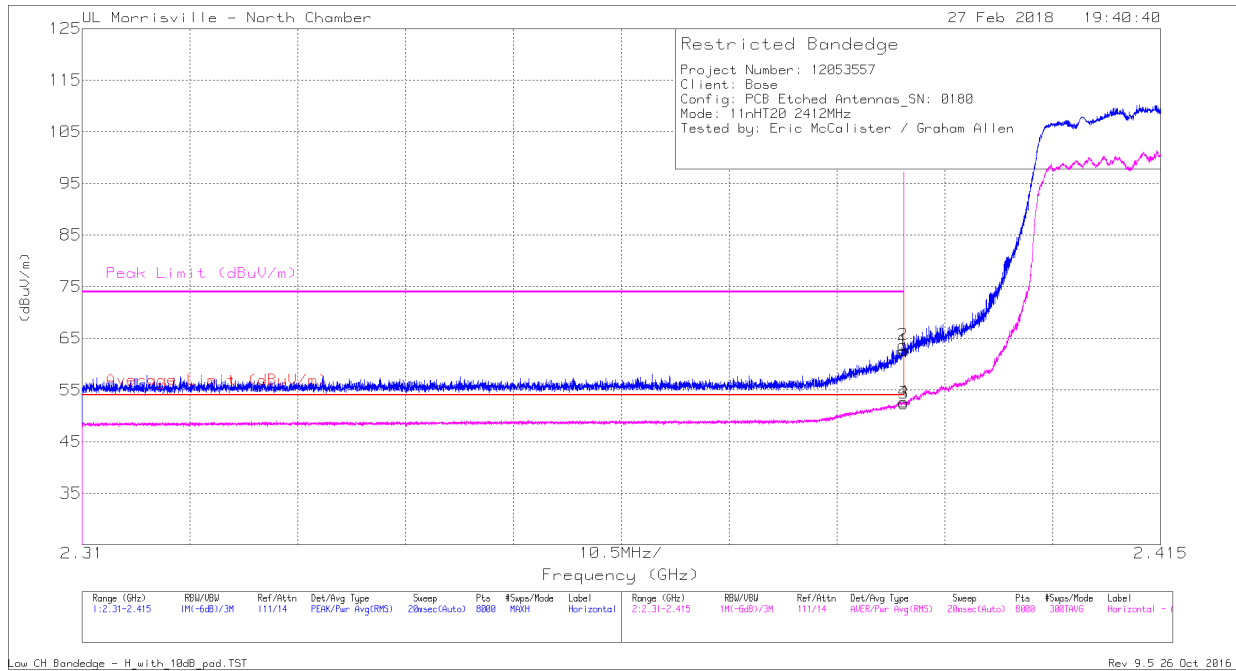


Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AT0072 AF (dB/m)	Amp/Cbl/Filtr/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* ** 1.596	41.87	PK2	27.9	-24.1	0	45.67	-	-	74	-28.33	92	176	H
	* ** 1.594	26.67	MAV1	27.9	-24.1	3.46	33.93	54	-20.07	-	-	92	176	H
3	* ** 2.768	40.39	PK2	32.2	-23.3	0	49.29	-	-	74	-24.71	109	253	H
	* ** 2.768	28.35	MAV1	32.2	-23.3	3.46	40.71	54	-13.29	-	-	109	253	H
2	* ** 4.924	42.02	PK2	34.1	-31.2	0	44.92	-	-	74	-29.08	30	243	H
	* ** 4.924	30.7	MAV1	34.1	-31.2	3.46	37.06	54	-16.94	-	-	30	243	H
4	* ** 1.594	41.87	PK2	27.9	-24.1	0	45.67	-	-	74	-28.33	312	108	V
	* ** 1.595	26.53	MAV1	27.9	-24.1	3.46	33.79	54	-20.21	-	-	312	108	V
5	* ** 4.924	46.62	PK2	34.1	-31.2	0	49.52	-	-	74	-24.48	137	246	V
	* ** 4.924	32.93	MAV1	34.1	-31.2	3.46	39.29	54	-14.71	-	-	137	246	V
6	* ** 4.978	53.42	PK2	34.1	-32.1	0	55.42	-	-	74	-18.58	261	104	V
	* ** 4.979	29.15	MAV1	34.1	-32.1	3.46	34.61	54	-19.39	-	-	261	104	V

\* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band  
 \*\* - indicates frequency in Taiwan NCC LP0002 Restricted Band  
 PK2 - Maximum Peak  
 MAV1 -Maximum RMS Average

**9.2.6. TX ABOVE 1 GHz - 802.11n HT20 MODE, PCB ANTENNA**

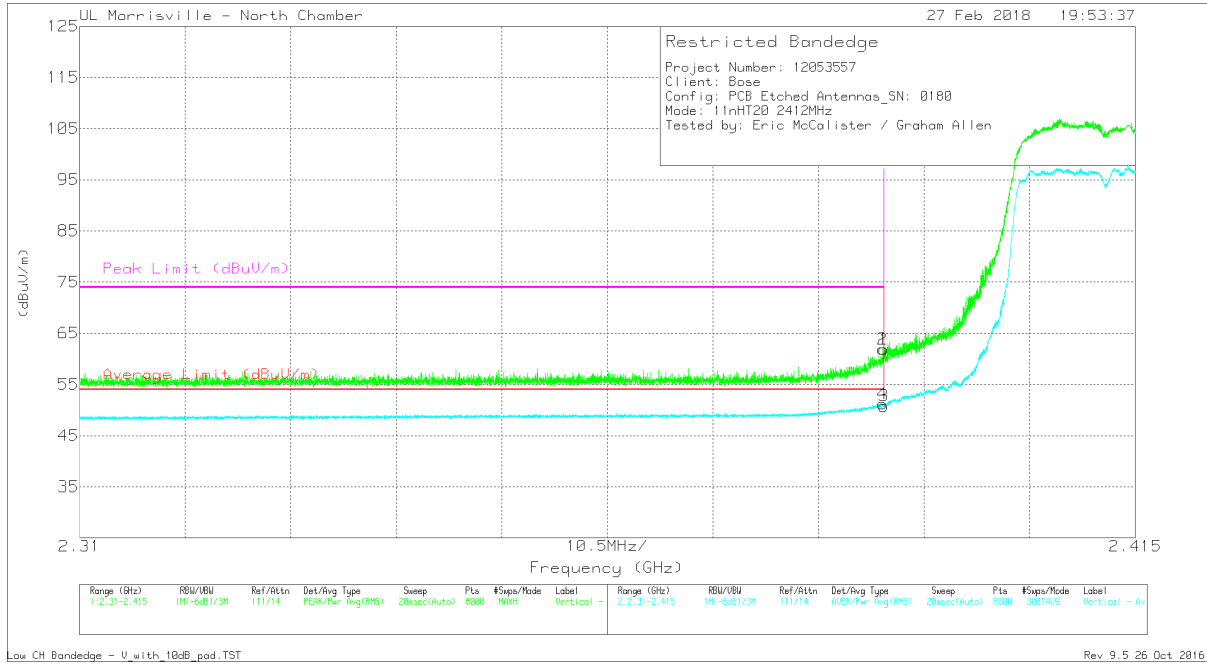
**RESTRICTED BANDEDGE (LOW CHANNEL, HORIZONTAL) MCS 0 2412MHZ**



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AT0072 AF (dB/m)	Amp/Cbl/Filtr/Pad (dB)	Pad (10dB)	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	* ** 2.39	44.77	Pk	31.8	-23.9	10	0	62.67	-	-	74	-11.33	260	361	H
2	* ** 2.39	45.79	Pk	31.8	-23.9	10	0	63.69	-	-	74	-10.31	260	361	H
3	* ** 2.39	31.03	RMS	31.8	-23.9	10	3.46	52.39	54	-1.61	-	-	260	361	H
4	* ** 2.39	31.33	RMS	31.8	-23.9	10	3.46	52.69	54	-1.31	-	-	260	361	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

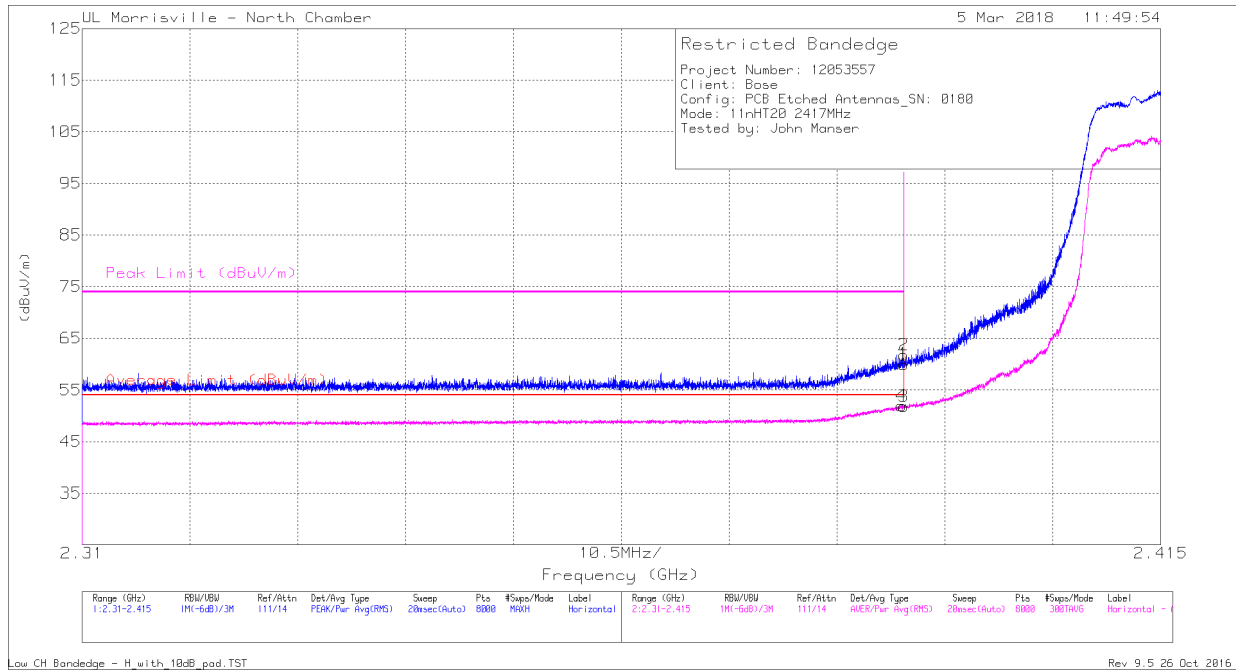
**RESTRICTED BANDEDGE (LOW CHANNEL, VERTICAL) MCS 0 2412MHZ**



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AT0072 AF (dB/m)	Amp/Cbl/Filtr/Pad (dB)	Pad (10dB)	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	*** 2.39	44	Pk	31.8	-23.9	10	0	61.9	-	-	74	-12.1	209	322	V
2	*** 2.39	43.99	Pk	31.8	-23.9	10	0	61.89	-	-	74	-12.11	209	322	V
3	*** 2.39	29.43	RMS	31.8	-23.9	10	3.46	50.79	54	-3.21	-	-	209	322	V
4	*** 2.39	29.87	RMS	31.8	-23.9	10	3.46	51.23	54	-2.77	-	-	209	322	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

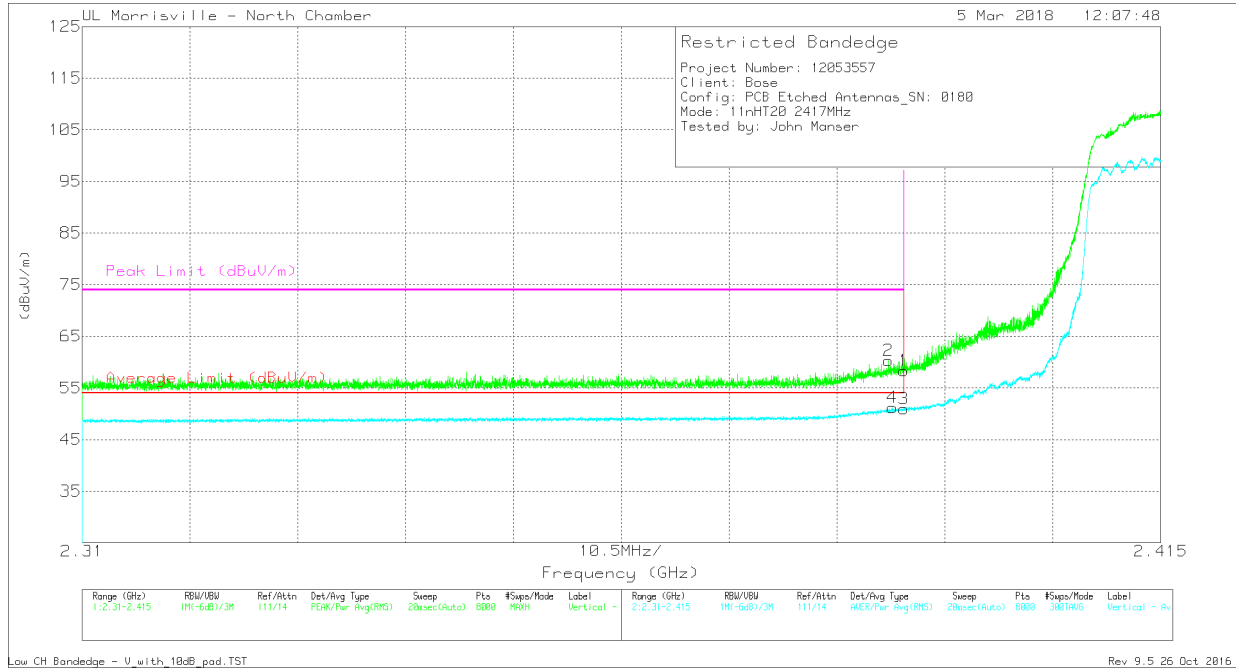
**RESTRICTED BANDEDGE (LOW CHANNEL, HORIZONTAL) MCS 0 2417MHz**



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AT0072 AF (dB/m)	Amp/Cbl/Fitr/Pad (dB)	Pad (10dB)	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	*** 2.39	42.07	PK	31.8	-23.9	10	0	59.97	-	-	74	-14.03	278	261	H
2	*** 2.39	43.88	PK	31.8	-23.9	10	0	61.78	-	-	74	-12.22	278	261	H
3	*** 2.39	30.46	RMS	31.8	-23.9	10	3.46	51.82	54	-2.18	-	-	278	261	H
4	*** 2.39	30.56	RMS	31.8	-23.9	10	3.46	51.92	54	-2.08	-	-	278	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

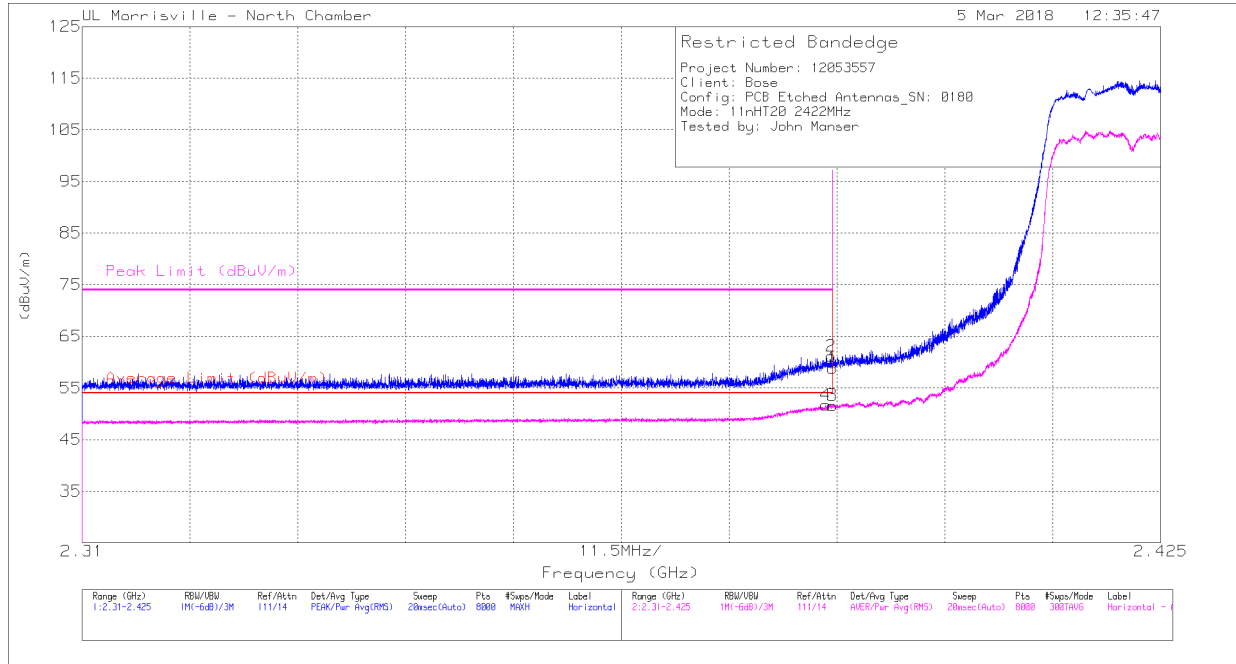
**RESTRICTED BANDEGE (LOW CHANNEL, VERTICAL) MCS 0 2417MHZ**



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AT0072 AF (dB/m)	Amp/Cbl/Fitr/Pad (dB)	Pad (10dB)	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	*** 2.39	40.46	PK	31.8	-23.9	10	0	58.36	-	-	74	-15.64	229	312	V
2	*** 2.388	42.42	PK	31.8	-23.9	10	0	60.32	-	-	74	-13.68	229	312	V
3	*** 2.39	29.58	RMS	31.8	-23.9	10	3.46	50.94	54	-3.06	-	-	229	312	V
4	*** 2.389	29.83	RMS	31.8	-23.9	10	3.46	51.19	54	-2.81	-	-	229	312	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

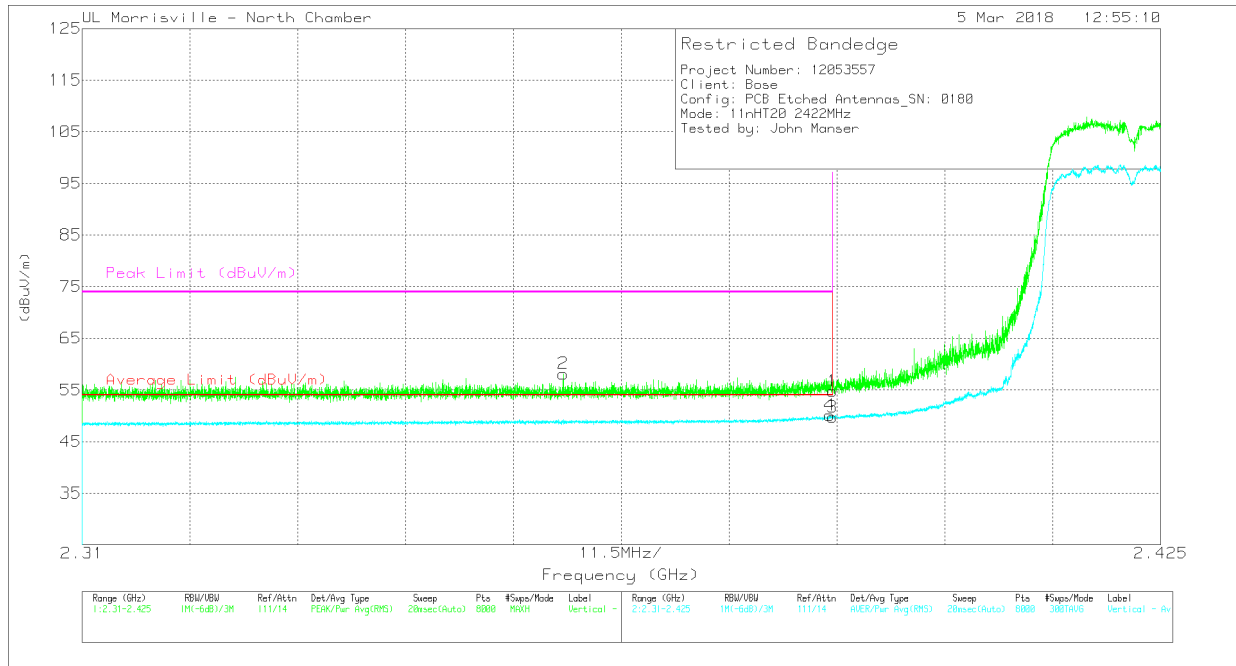
**RESTRICTED BANDEGE (LOW CHANNEL, HORIZONTAL) MCS 0 2422MHz**



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AT0072 AF (dB/m)	Amp/Cbl/Fitr/Pad (dB)	Pad (10dB)	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	*** 2.39	40.96	Pk	31.8	-23.9	10	0	58.86	-	-	74	-15.14	285	249	H
2	*** 2.39	43.22	Pk	31.8	-23.9	10	0	61.12	-	-	74	-12.88	285	249	H
3	*** 2.39	30.26	RMS	31.8	-23.9	10	3.46	51.62	54	-2.38	-	-	285	249	H
4	*** 2.389	30.33	RMS	31.8	-23.9	10	3.46	51.69	54	-2.31	-	-	285	249	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) MCS 0 2422MHz**



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AT0072 AF (dB/m)	Amp/Cbl/Filtr/Pad (dB)	Pad (10dB)	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	*** 2.39	36.83	Pk	31.8	-23.9	10	0	54.73	-	-	74	-19.27	203	278	V
2	*** 2.361	40.35	Pk	31.7	-23.9	10	0	58.15	-	-	74	-15.85	203	278	V
3	* ** 2.39	28.37	RMS	31.8	-23.9	10	3.46	49.73	54	-4.27	-	-	203	278	V
4	* ** 2.39	28.72	RMS	31.8	-23.9	10	3.46	50.08	54	-3.92	-	-	203	278	V

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

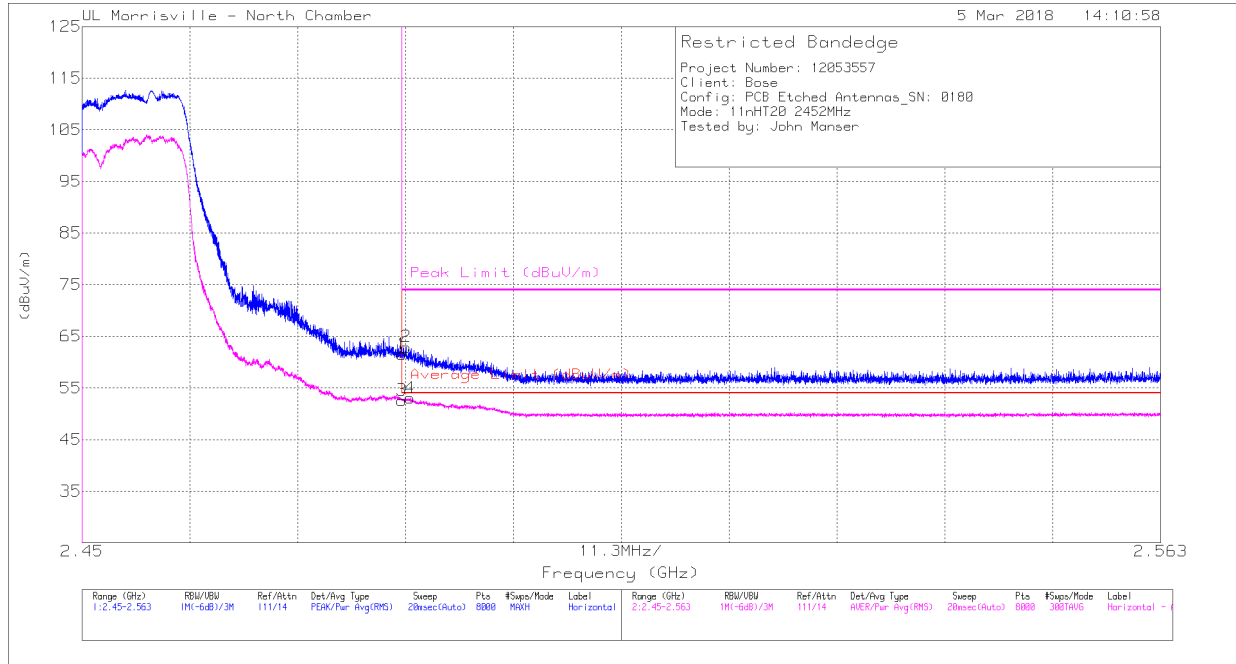
\*\* - indicates frequency in Taiwan NCC LP0002 Restricted Band

Pk - Peak detector

RMS - RMS detection



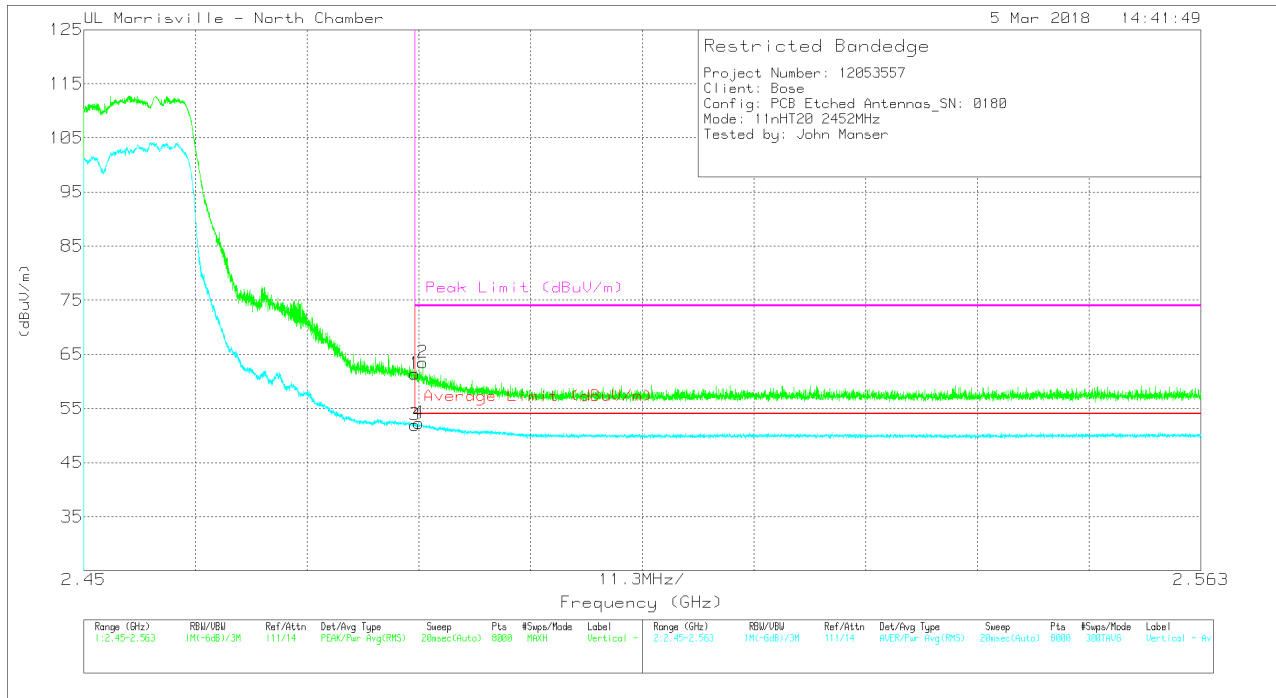
**AUTHORIZED BANDEDGE (HIGH CHANNEL, HORIZONTAL) MCS 0 2452MHz**



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AT0072 AF (dB/m)	Amp/Cbl/Fitr/Pad (dB)	Pad (10dB)	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	*** 2.484	43	PK	32.3	-23.8	10	0	61.5	-	-	74	-12.5	238	366	H
2	*** 2.484	44.44	PK	32.3	-23.8	10	0	62.94	-	-	74	-11.06	238	366	H
3	*** 2.484	30.65	RMS	32.3	-23.8	10	3.46	52.61	54	-1.39	-	-	238	366	H
4	*** 2.484	31.06	RMS	32.3	-23.8	10	3.46	53.02	54	-0.98	-	-	238	366	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) MCS 0 2452MHz**



Marker	Freq. (GHz)	Meter Reading (dBuV)	Det	AT0072 AF (dB/m)	Amp/Cbl/Fltr/Pad (dB)	Pad (10dB)	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	*** 2.484	42.9	Pk	32.3	-23.8	10	0	61.4	-	-	74	-12.6	259	364	V
2	*** 2.484	45.02	Pk	32.3	-23.8	10	0	63.52	-	-	74	-10.48	259	364	V
3	*** 2.484	29.97	RMS	32.3	-23.8	10	3.46	51.93	54	-2.07	-	-	259	364	V
4	*** 2.484	30.33	RMS	32.3	-23.8	10	3.46	52.29	54	-1.71	-	-	259	364	V

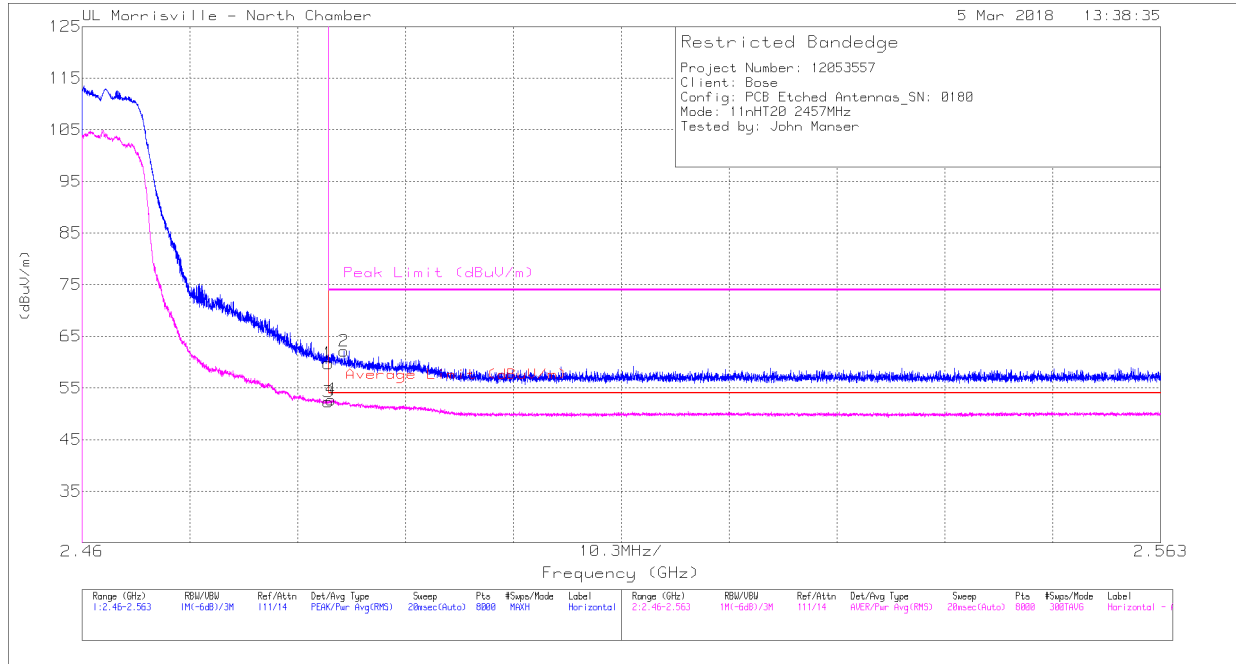
\* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

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

Pk - Peak detector

RMS - RMS detection

**AUTHORIZED BANDEDGE (HIGH CHANNEL, HORIZONTAL) MCS 0 2457MHz**



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AT0072 AF (dB/m)	Amp/Cbl/Fitr/Pad (dB)	Pad (10dB)	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	*** 2.484	41.26	PK	32.3	-23.8	10	0	59.76	-	-	74	-14.24	286	324	H
2	*** 2.485	43.67	PK	32.3	-23.8	10	0	62.17	-	-	74	-11.83	286	324	H
3	*** 2.484	30.32	RMS	32.3	-23.8	10	3.46	52.28	54	-1.72	-	-	286	324	H
4	*** 2.484	30.77	RMS	32.3	-23.8	10	3.46	52.73	54	-1.27	-	-	286	324	H

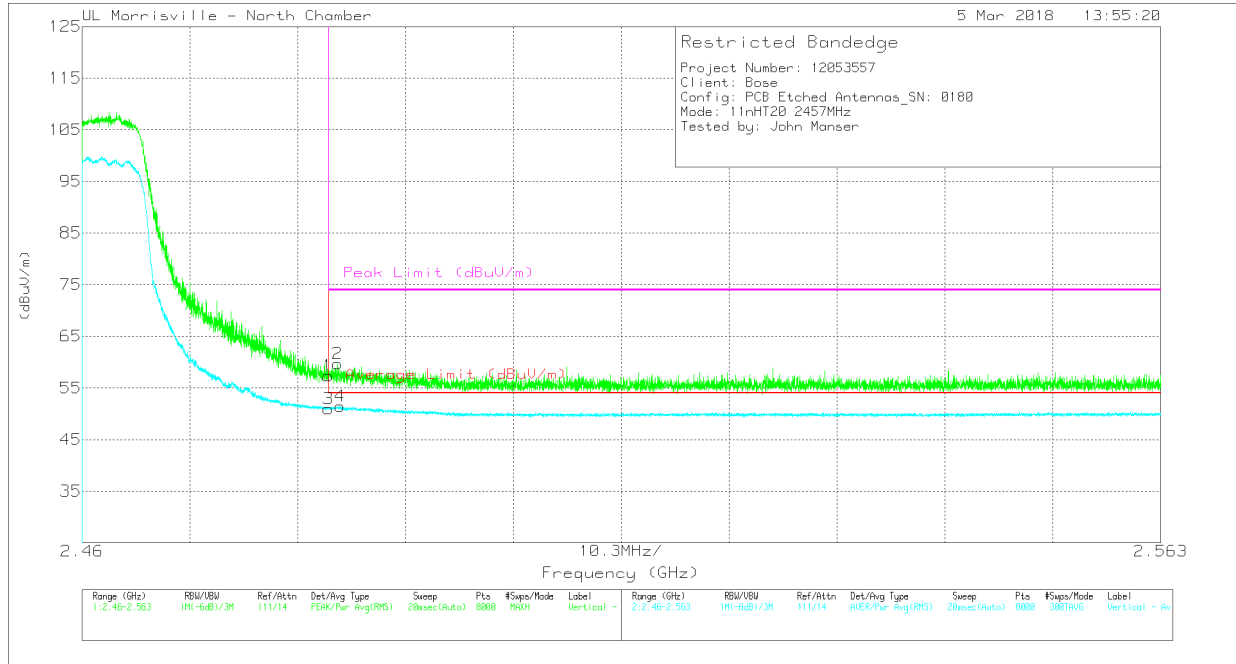
\* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

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

PK - Peak detector

RMS - RMS detection

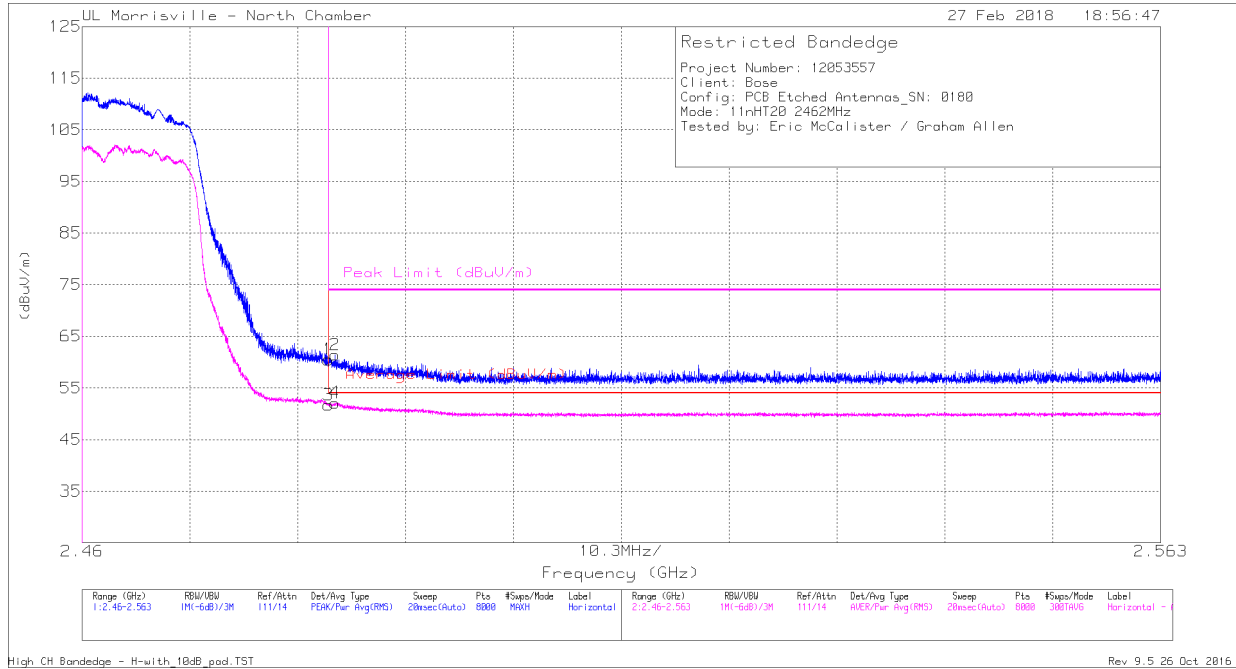
**AUTHORIZED BANDEDGE (HIGH CHANNEL, VERTICAL) MCS 0 2457MHz**



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AT0072 AF (dB/m)	Amp/Cbl/Fitr/Pad (dB)	Pad (10dB)	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	* ** 2.484	38.83	PK	32.3	-23.8	10	0	57.33	-	-	74	-16.67	112	391	V
2	* ** 2.484	41.21	PK	32.3	-23.8	10	0	59.71	-	-	74	-14.29	112	391	V
3	* ** 2.484	29.01	RMS	32.3	-23.8	10	3.46	50.97	54	-3.03	-	-	112	391	V
4	* ** 2.485	29.5	RMS	32.3	-23.8	10	3.46	51.46	54	-2.54	-	-	112	391	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) MCS 0 2462MHz**



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AT0072 AF (dB/m)	Amp/Cbl/Fitr/Pad (dB)	Pad (10dB)	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	* ** 2.484	41.99	PK	32.3	-23.8	10	0	60.49	-	-	74	-13.51	263	297	H
2	* ** 2.484	42.9	PK	32.3	-23.8	10	0	61.4	-	-	74	-12.6	263	297	H
3	* ** 2.484	29.72	RMS	32.3	-23.8	10	3.46	51.68	54	-2.32	-	-	263	297	H
4	* ** 2.484	30.15	RMS	32.3	-23.8	10	3.46	52.11	54	-1.89	-	-	263	297	H

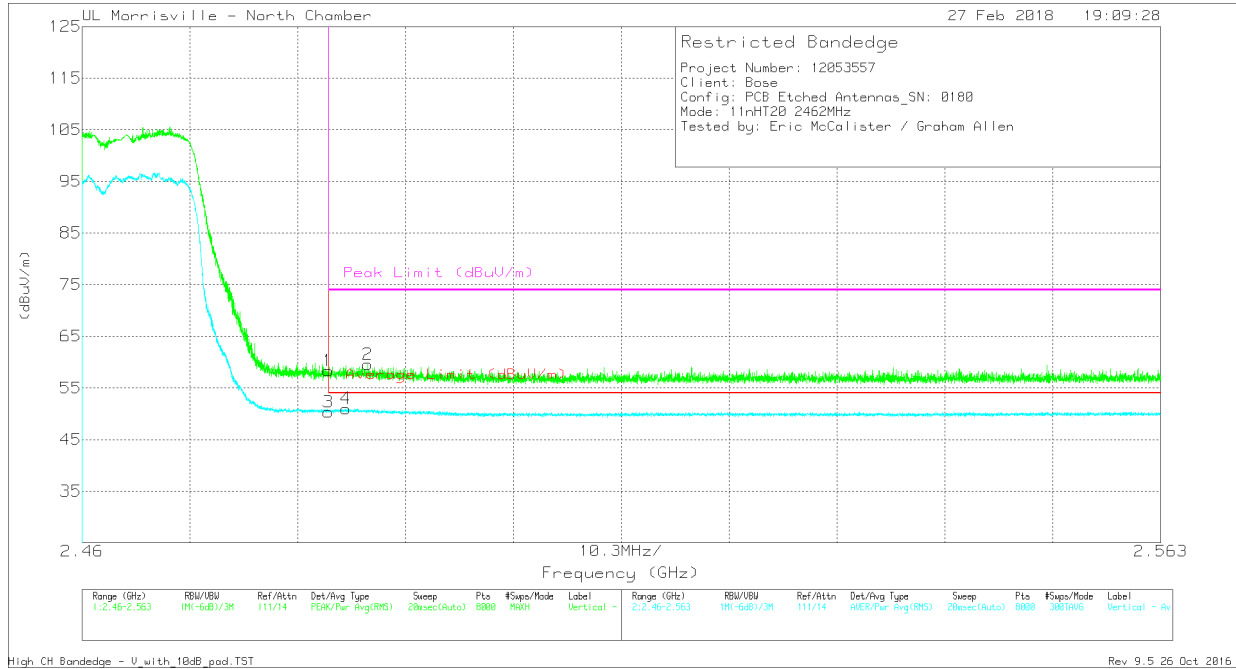
\* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

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

PK - Peak detector

RMS - RMS detection

**AUTHORIZED BANDEDGE (HIGH CHANNEL, VERTICAL) MCS 0 2462MHz**



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AT0072 AF (dB/m)	Amp/Cbl/Filtr/Pad (dB)	Pad (10dB)	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	* ** 2.484	39.85	Pk	32.3	-23.8	10	0	58.35	-	-	74	-15.65	114	367	V
2	* ** 2.487	41.04	Pk	32.3	-23.8	10	0	59.54	-	-	74	-14.46	114	367	V
3	* ** 2.484	28.4	RMS	32.3	-23.8	10	3.46	50.36	54	-3.64	-	-	114	367	V
4	* ** 2.485	29.04	RMS	32.3	-23.8	10	3.46	51	54	-3	-	-	114	367	V

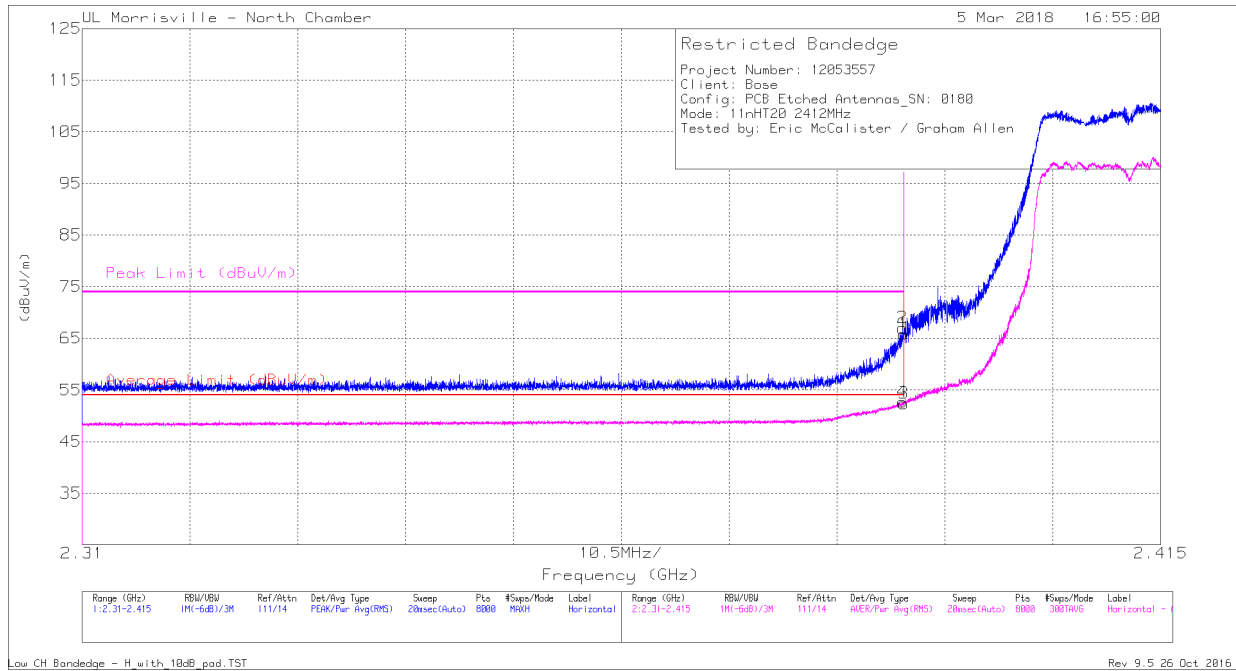
\* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

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

Pk - Peak detector

RMS - RMS detection

**RESTRICTED BANDEDGE (LOW CHANNEL, HORIZONTAL) MCS 7 2412MHz**



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AT0072 AF (dB/m)	Amp/Cbl/Fitr/Pad (dB)	Pad (10dB)	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	*** 2.39	47.92	PK	31.8	-23.9	10	0	65.82	-	-	74	-8.18	263	314	H
2	*** 2.39	49.11	PK	31.8	-23.9	10	0	67.01	-	-	74	-6.99	263	314	H
3	*** 2.39	31.02	RMS	31.8	-23.9	10	3.46	52.38	54	-1.62	-	-	263	314	H
4	*** 2.39	31.29	RMS	31.8	-23.9	10	3.46	52.65	54	-1.35	-	-	263	314	H

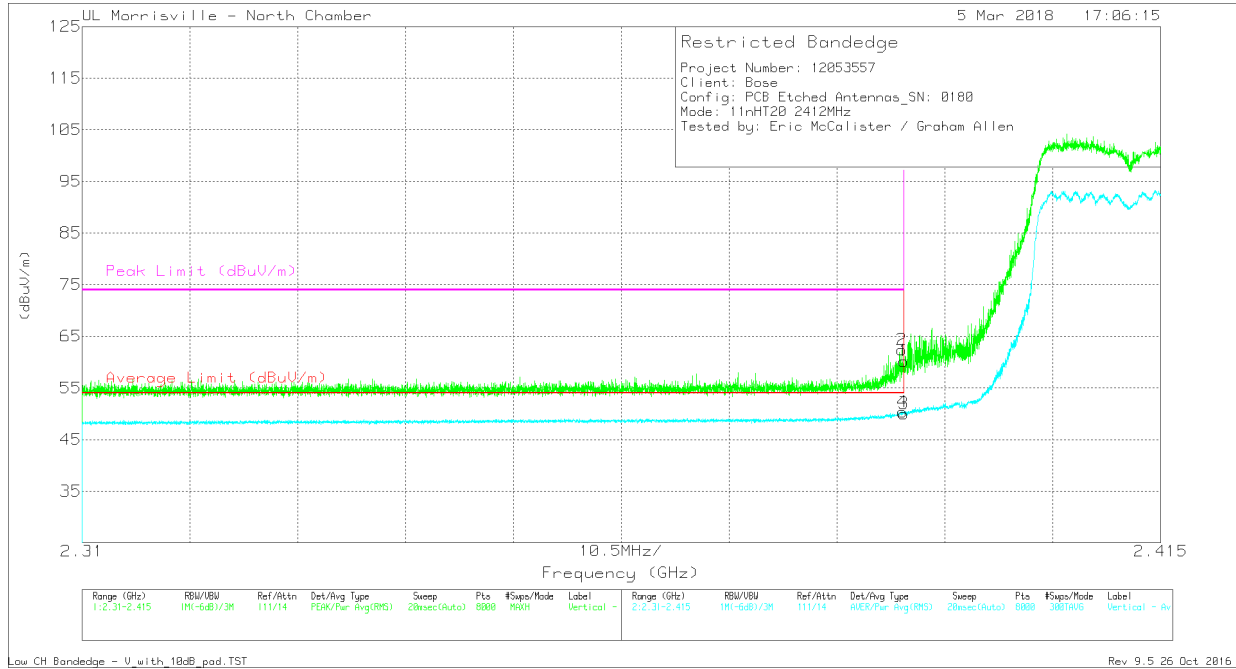
\* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

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

PK - Peak detector

RMS - RMS detection

**RESTRICTED BANDEGE (LOW CHANNEL, VERTICAL) MCS 7 2412MHZ**



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AT0072 AF (dB/m)	Amp/Cbl/Fitr/Pad (dB)	Pad (10dB)	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	* ** 2.39	42.34	PK	31.8	-23.9	10	0	60.24	-	-	74	-13.76	211	315	V
2	* ** 2.39	44.47	PK	31.8	-23.9	10	0	62.37	-	-	74	-11.63	211	315	V
3	* ** 2.39	28.67	RMS	31.8	-23.9	10	3.46	50.03	54	-3.97	-	-	211	315	V
4	* ** 2.39	28.95	RMS	31.8	-23.9	10	3.46	50.31	54	-3.69	-	-	211	315	V

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

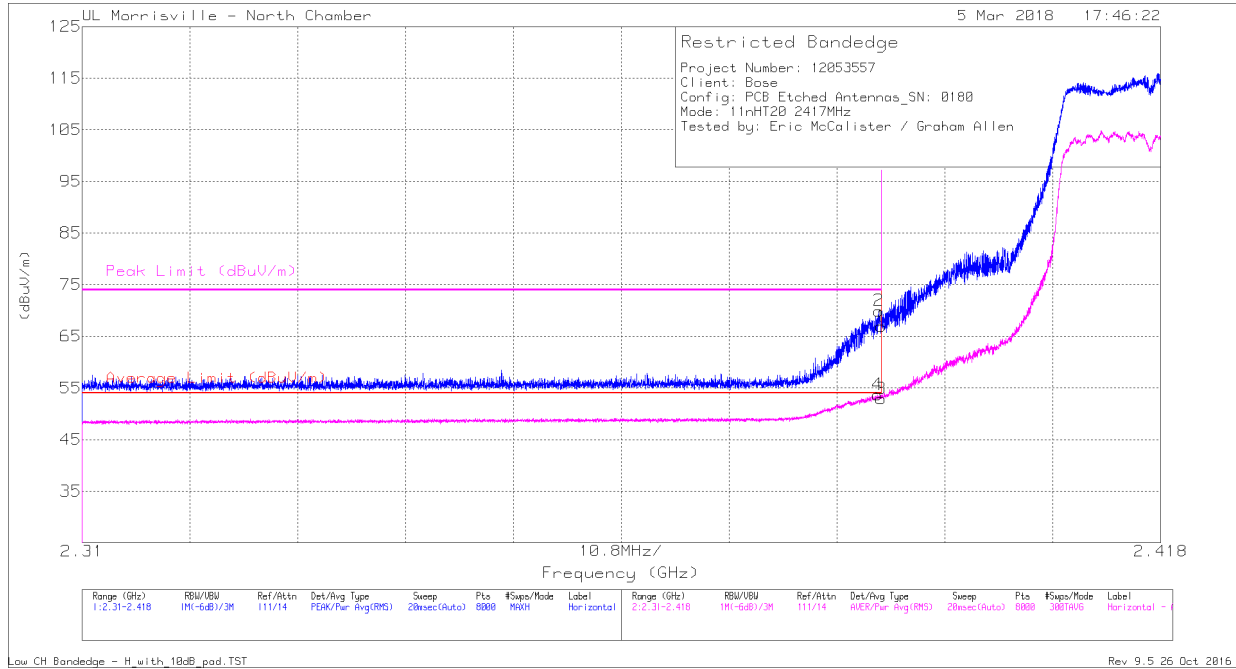
\*\* - indicates frequency in Taiwan NCC LP0002 Restricted Band

PK - Peak detector

RMS - RMS detection



**RESTRICTED BANDEGE (LOW CHANNEL, HORIZONTAL) MCS 7 2417MHz**



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AT0072 AF (dB/m)	Amp/Cbl/Fitr/Pad (dB)	Pad (10dB)	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	*** 2.39	49.01	PK	31.8	-23.9	10	0	66.91	-	-	74	-7.09	263	305	H
2	*** 2.39	52.05	PK	31.8	-23.9	10	0	69.95	-	-	74	-4.05	263	305	H
3	*** 2.39	31.54	RMS	31.8	-23.9	10	3.46	52.9	54	-1.1	-	-	263	305	H
4	*** 2.39	32.34	RMS	31.8	-23.9	10	3.46	53.7	54	-3	-	-	263	305	H

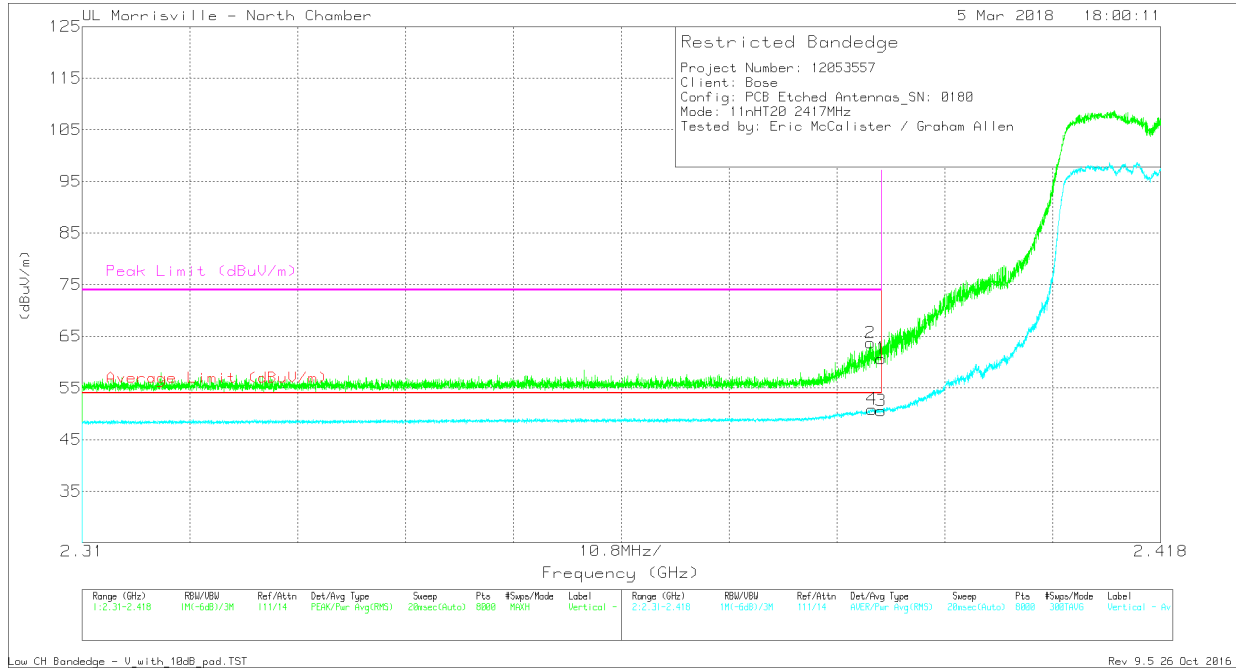
\* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

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

PK - Peak detector

RMS - RMS detection

**RESTRICTED BANDEDGE (LOW CHANNEL, VERTICAL) MCS 7 2417MHZ**



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AT0072 AF (dB/m)	Amp/Cbl/Filtr/Pad (dB)	Pad (10dB)	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	* ** 2.39	42.81	Pk	31.8	-23.9	10	0	60.71	-	-	74	-13.29	119	389	V
2	* ** 2.389	45.83	Pk	31.8	-23.9	10	0	63.73	-	-	74	-10.27	119	389	V
3	* ** 2.39	29.22	RMS	31.8	-23.9	10	3.46	50.58	54	-3.42	-	-	119	389	V
4	* ** 2.389	29.53	RMS	31.8	-23.9	10	3.46	50.89	54	-3.11	-	-	119	389	V

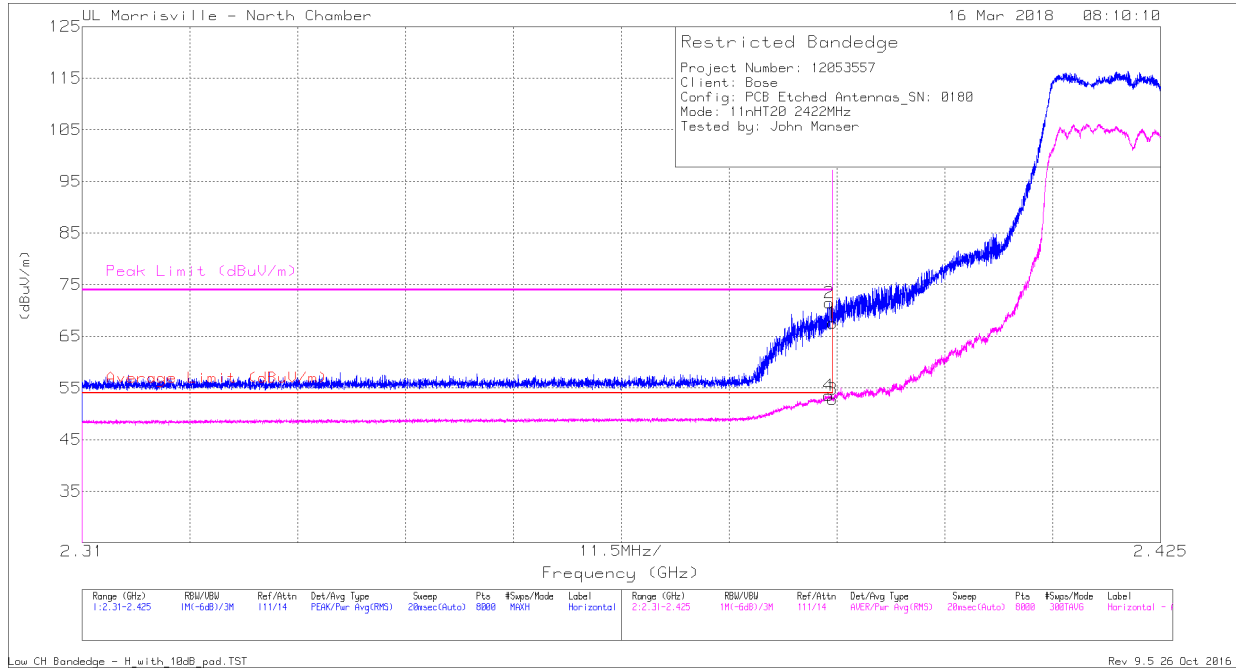
\* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

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

Pk - Peak detector

RMS - RMS detection

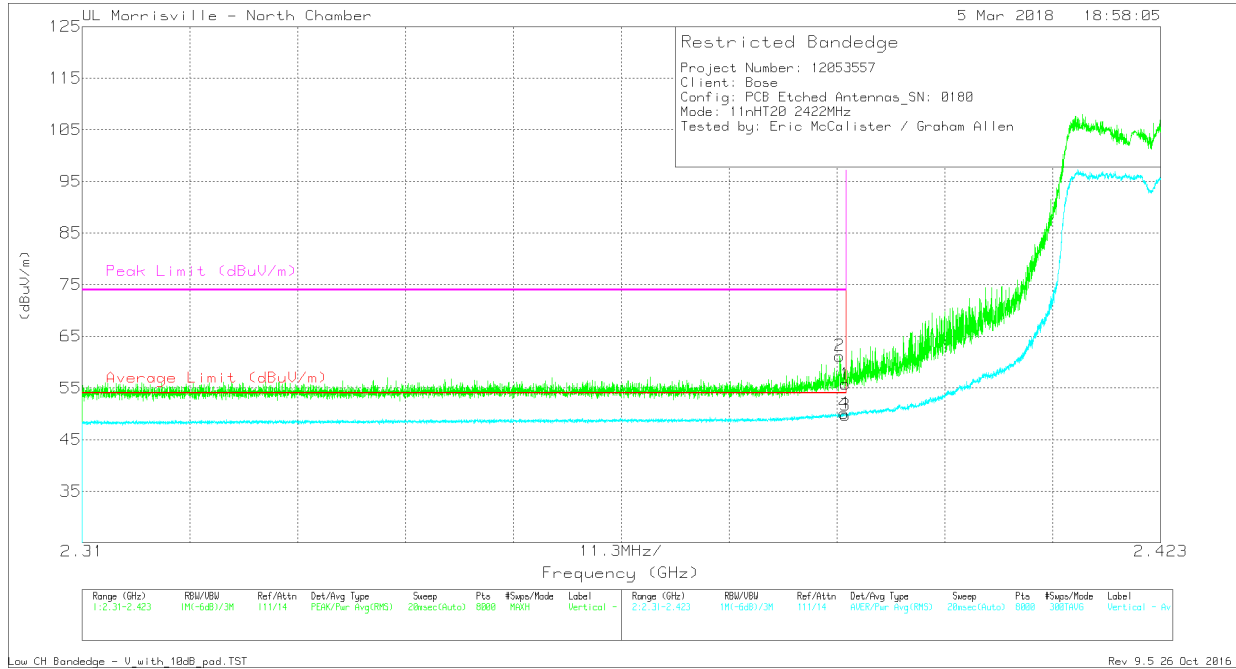
**RESTRICTED BANDEGE (LOW CHANNEL, HORIZONTAL) MCS 7 2422MHz**



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AT0072 AF (dB/m)	Amp/Cbl/Fitr/Pad (dB)	Pad (10dB)	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	*** 2.39	49.65	Pk	31.8	-23.9	10	0	67.55	-	-	74	-6.45	263	311	H
2	*** 2.39	53.55	Pk	31.8	-23.9	10	0	71.45	-	-	74	-2.55	263	311	H
3	*** 2.39	31.44	RMS	31.8	-23.9	10	3.46	52.8	54	-1.2	-	-	263	311	H
4	*** 2.39	32.16	RMS	31.8	-23.9	10	3.46	53.52	54	-48	-	-	263	311	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) MCS 7 2422MHZ**



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AT0072 AF (dB/m)	Amp/Cbl/Fitr/Pad (dB)	Pad (10dB)	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	* ** 2.39	37.87	PK	31.8	-23.9	10	0	55.77	-	-	74	-18.23	184	312	V
2	* ** 2.389	43.32	PK	31.8	-23.9	10	0	61.22	-	-	74	-12.78	184	312	V
3	* ** 2.39	28.34	RMS	31.8	-23.9	10	3.46	49.7	54	-4.3	-	-	184	312	V
4	* ** 2.39	28.76	RMS	31.8	-23.9	10	3.46	50.12	54	-3.88	-	-	184	312	V

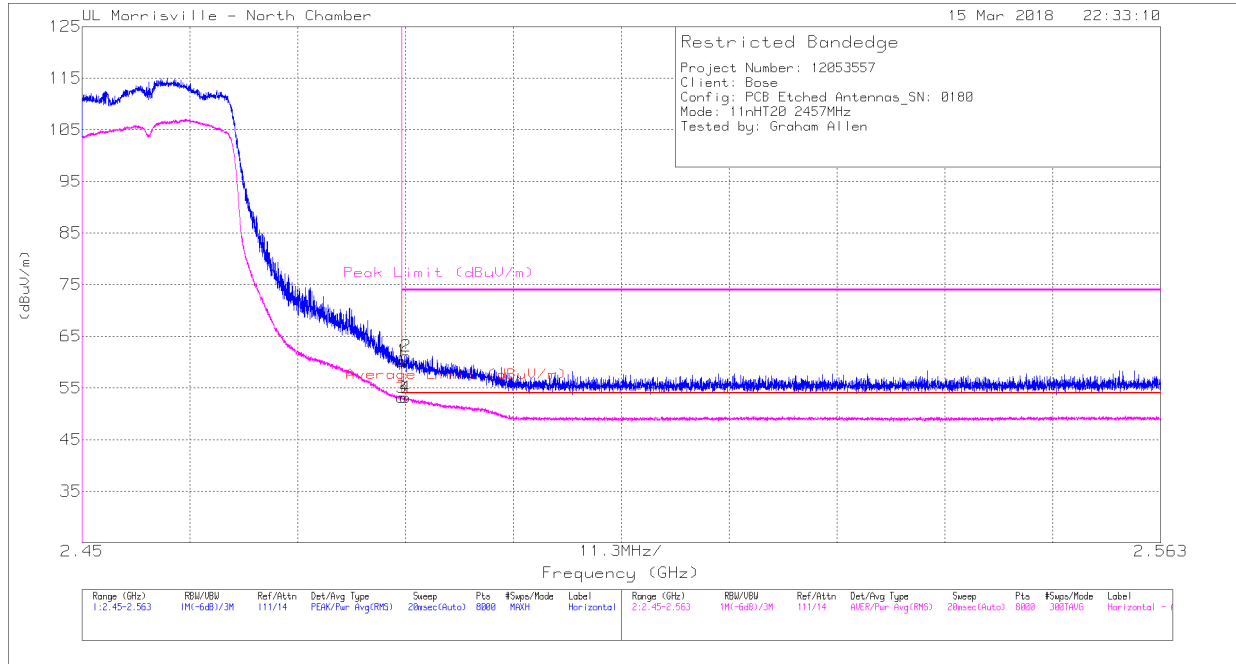
\* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

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

PK - Peak detector

RMS - RMS detection

**AUTHORIZED BANDEDGE (HIGH CHANNEL, HORIZONTAL) MCS 7 2457MHZ**



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AT0072 AF (dB/m)	Amp/Cbl/Filtr/Pad (dB)	Pad (10dB)	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	*** 2.484	41.73	Pk	32.3	-23.8	10	0	60.23	-	-	74	-13.77	264	294	H
2	*** 2.484	42.68	Pk	32.3	-23.8	10	0	61.18	-	-	74	-12.82	264	294	H
3	*** 2.484	31.94	RMS	32.3	-23.8	10	3.46	53.90	54	-.1	-	-	264	294	H
4	*** 2.484	31.99	RMS	32.3	-23.8	10	3.46	53.95	54	-.05	-	-	264	294	H

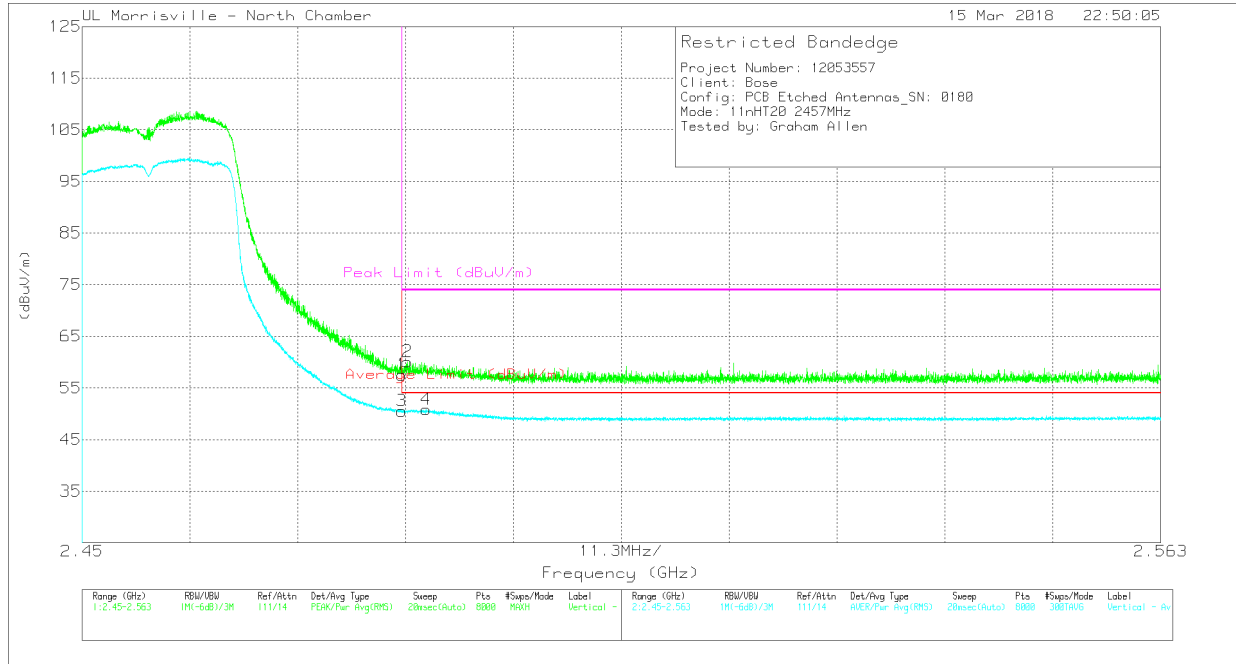
\* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

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

Pk - Peak detector

RMS - RMS detection

**AUTHORIZED BANDEDGE (HIGH CHANNEL, VERTICAL) MCS 7 2457MHz**



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AT0072 AF (dB/m)	Amp/Cbl/Filtr/Pad (dB)	Pad (10dB)	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	*** 2.484	39.04	Pk	32.3	-23.8	10	0	57.54	-	-	74	-16.46	83	379	V
2	*** 2.484	41.59	Pk	32.3	-23.8	10	0	60.09	-	-	74	-13.91	83	379	V
3	*** 2.484	29.34	RMS	32.3	-23.8	10	3.46	51.30	54	-2.7	-	-	83	379	V
4	*** 2.486	29.63	RMS	32.3	-23.8	10	3.46	51.59	54	-2.41	-	-	83	379	V

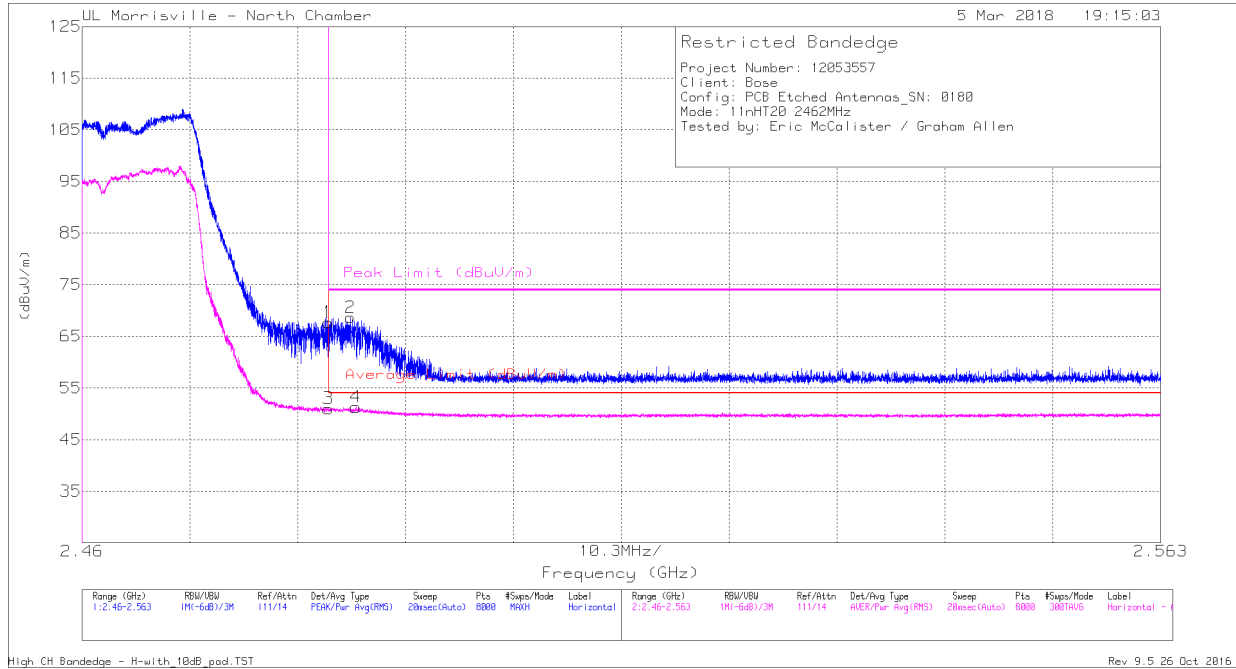
\* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

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

Pk - Peak detector

RMS - RMS detection

**AUTHORIZED BANDEDGE (HIGH CHANNEL, HORIZONTAL) MCS 7 2462MHz**



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AT0072 AF (dB/m)	Amp/Cbl/Fitr/Pad (dB)	Pad (10dB)	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	*** 2.484	49.22	PK	32.3	-23.8	10	0	67.72	-	-	74	-6.28	59	320	H
2	*** 2.486	50.18	PK	32.3	-23.8	10	0	68.68	-	-	74	-5.32	59	320	H
3	*** 2.484	29.05	RMS	32.3	-23.8	10	3.46	51.01	54	-2.99	-	-	59	320	H
4	*** 2.486	29.32	RMS	32.3	-23.8	10	3.46	51.28	54	-2.72	-	-	59	320	H

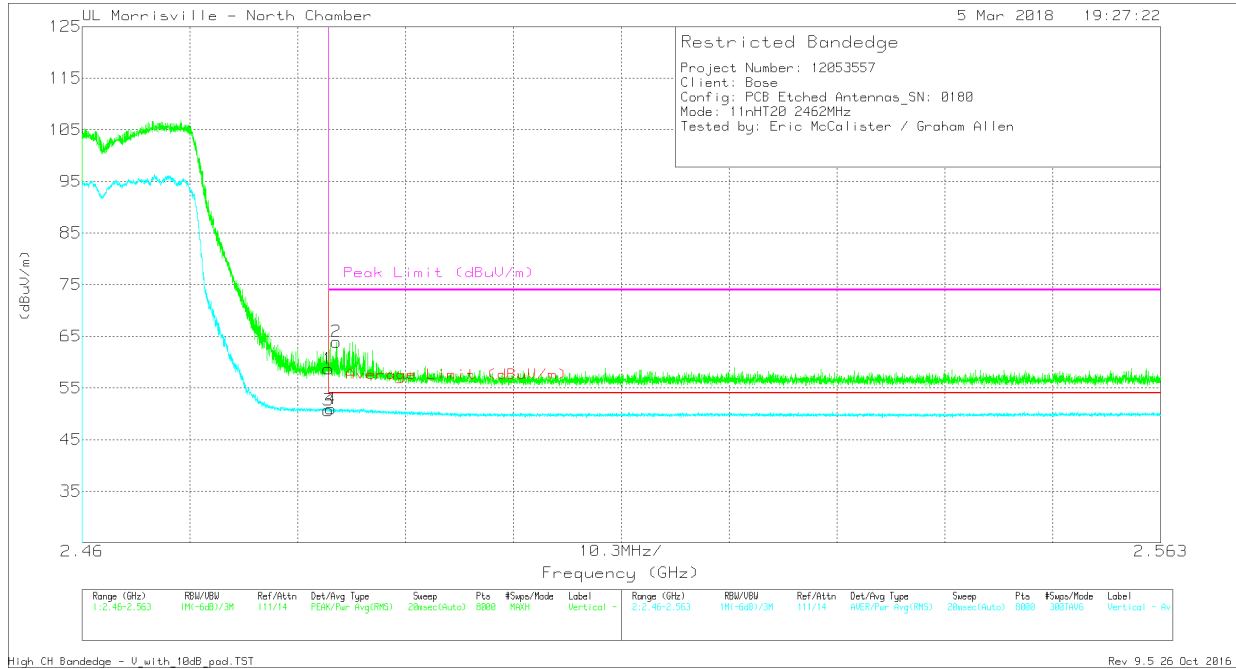
\* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

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

PK - Peak detector

RMS - RMS detection

**AUTHORIZED BANDEDGE (HIGH CHANNEL, VERTICAL) MCS 7 2462MHz**



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AT0072 AF (dB/m)	Amp/Cbl/Filtr/Pad (dB)	Pad (10dB)	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	* ** 2.484	40.22	Pk	32.3	-23.8	10	0	58.72	-	-	74	-15.28	88	328	V
2	* ** 2.484	45.43	Pk	32.3	-23.8	10	0	63.93	-	-	74	-10.07	88	328	V
3	* ** 2.484	28.7	RMS	32.3	-23.8	10	3.46	50.66	54	-3.34	-	-	88	328	V
4	* ** 2.484	29.01	RMS	32.3	-23.8	10	3.46	50.97	54	-3.03	-	-	88	328	V

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

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

Pk - Peak detector

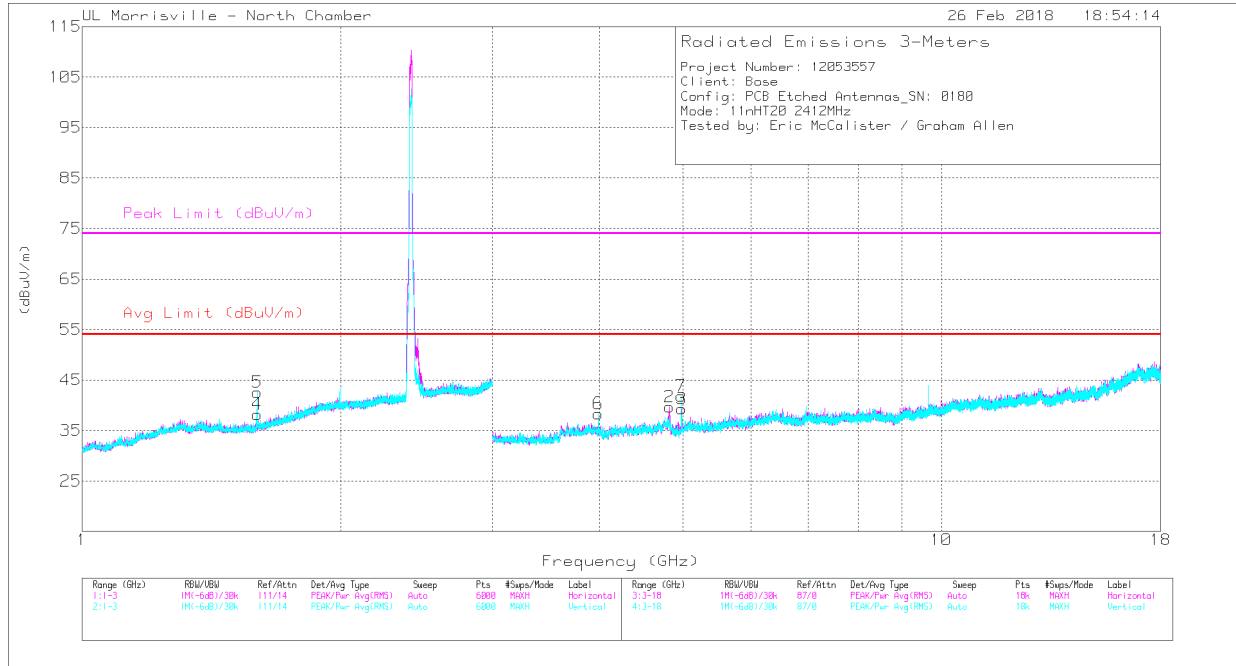
RMS - RMS detection



**HARMONICS AND SPURIOUS EMISSIONS**

Note: Radiated Spurious emissions from 1-18 GHz was run at the lowest data rate since this was found to be the highest Power and PSD. It was also run with Low and High channels set to mid channel power settings for worst-case results.

**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)	Azimuth (Degs)	Height (cm)	Polarity
4	* ** 1.6	45.94	PK2	28	-24.1	0	49.84	-	-	74	-24.16	80	272	H
	* ** 1.599	27.41	MAv1	28	-24.1	3.46	34.77	54	-19.23	-	-	80	272	H
5	* ** 1.6	45.01	PK2	28	-24.1	0	48.91	-	-	74	-25.09	224	245	V
	* ** 1.6	27.65	MAv1	28	-24.1	3.46	35.01	54	-18.99	-	-	224	245	V
2	* ** 4.823	43.29	PK2	34.1	-31	0	46.39	-	-	74	-27.61	285	110	H
	* ** 4.824	33.12	MAv1	34.1	-31	3.46	39.68	54	-14.32	-	-	285	110	H
3	* ** 4.986	45.33	PK2	34.1	-32.2	0	47.23	-	-	74	-26.77	264	161	H
	* ** 4.986	28.44	MAv1	34.1	-32.2	3.46	33.8	54	-20.2	-	-	264	161	H
6	* ** 3.987	42.15	PK2	33.4	-31.3	0	44.25	-	-	74	-29.75	286	103	V
	* ** 3.989	28.09	MAv1	33.4	-31.4	3.46	33.55	54	-20.45	-	-	286	103	V
7	* ** 4.979	47.61	PK2	34.1	-32.1	0	49.61	-	-	74	-24.39	194	244	V
	* ** 4.979	28.8	MAv1	34.1	-32.1	3.46	34.26	54	-19.74	-	-	194	244	V

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

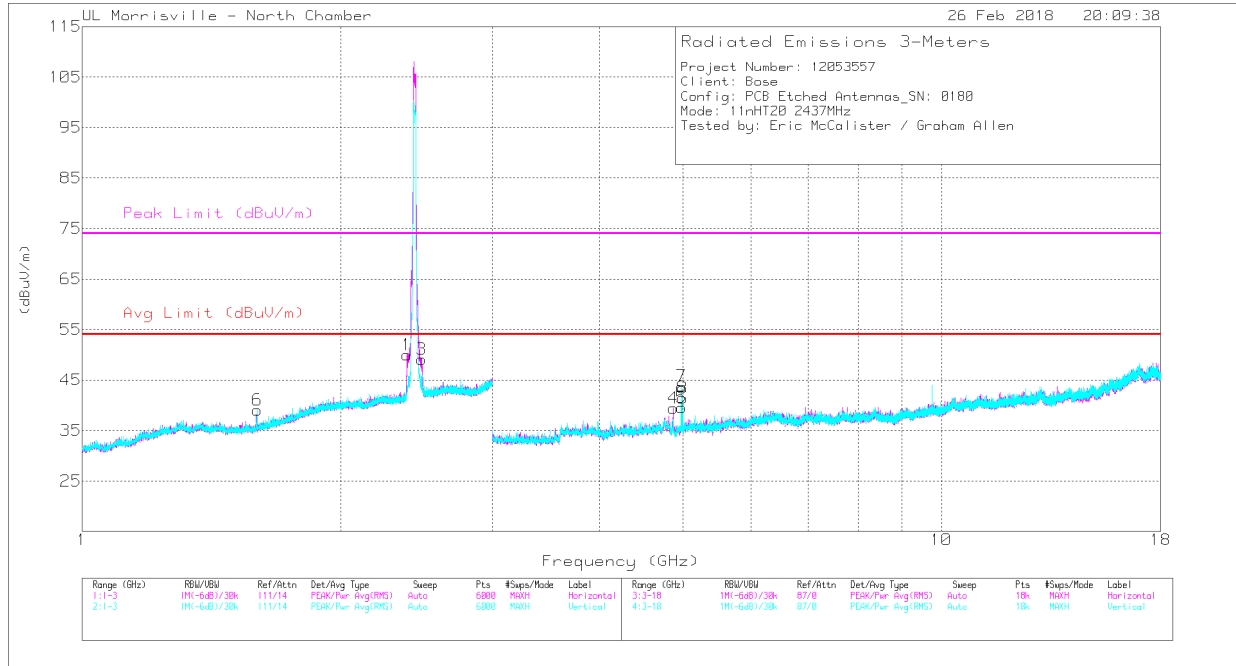
\*\* - indicates frequency in Taiwan NCC LP0002 Restricted Band

Pk - Peak detector

PK2 - Maximum Peak

MAv1 - Maximum RMS Average

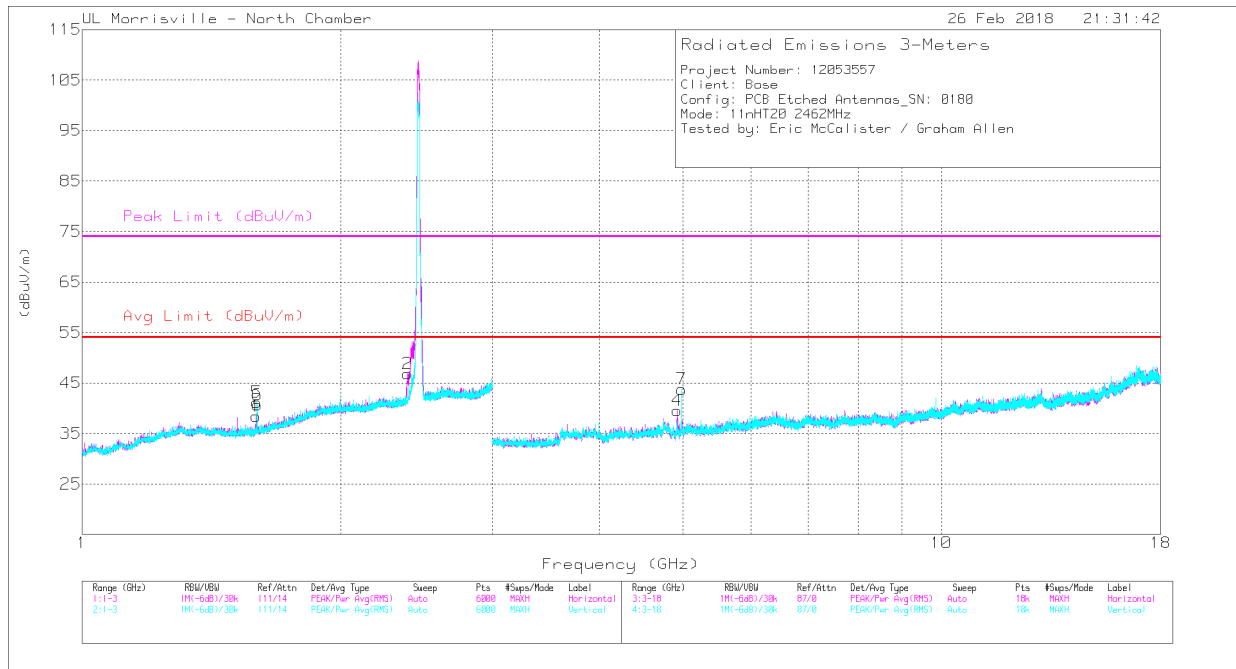
Mid Channel



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)	Azimuth (Degs)	Height (cm)	Polarity
1	* ** 2.39	50.49	PK2	31.8	-23.9	0	58.39	-	-	74	-15.61	278	115	H
	* ** 2.389	36.25	MAV1	31.8	-23.9	3.46	47.61	54	-6.39	-	-	278	115	H
3	* ** 2.484	49.97	PK2	32.3	-23.8	0	58.47	-	-	74	-15.53	286	228	H
	* ** 2.485	36.37	MAV1	32.3	-23.8	3.46	48.33	54	-5.67	-	-	286	228	H
6	* ** 1.6	43.31	PK2	28	-24.1	0	47.21	-	-	74	-26.79	247	260	V
	* ** 1.598	27.01	MAV1	28	-24.1	3.46	34.37	54	-19.63	-	-	247	260	V
4	* ** 4.874	43.02	PK2	34	-31	0	46.02	-	-	74	-27.98	304	104	H
	* ** 4.874	35.56	MAV1	34	-31	3.46	42.02	54	-11.98	-	-	304	104	H
5	* ** 4.985	45.32	PK2	34.1	-32.2	0	47.22	-	-	74	-26.78	306	228	H
	* ** 4.983	28.99	MAV1	34.1	-32.1	3.46	34.45	54	-19.55	-	-	306	228	H
7	* ** 4.987	53.37	PK2	34.1	-32.2	0	55.27	-	-	74	-18.73	264	167	V
	* ** 4.987	29.36	MAV1	34.1	-32.2	3.46	34.72	54	-19.28	-	-	264	167	V
8	* ** 4.995	54.64	PK2	34.1	-32.2	0	56.54	-	-	74	-17.46	260	148	V
	* ** 4.996	30.14	MAV1	34.1	-32.2	3.46	35.5	54	-18.5	-	-	260	148	V

\* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band  
 \*\* - indicates frequency in Taiwan NCC LP0002 Restricted Band  
 Pk - Peak detector  
 PK2 - Maximum Peak  
 MAV1 - Maximum 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)	Azimuth (Degs)	Height (cm)	Polarity
1	* ** 1.594	42.16	PK2	27.9	-24.1	0	45.96	-	-	74	-28.04	274	227	H
	* ** 1.595	26.65	MAv1	27.9	-24.1	3.46	33.91	54	-20.09	-	-	274	227	H
2	* ** 2.389	43.27	PK2	31.8	-23.9	0	51.17	-	-	74	-22.83	273	104	H
	* ** 2.389	30.45	MAv1	31.8	-23.9	3.46	41.81	54	-12.19	-	-	273	104	H
4	* ** 4.924	41.7	PK2	34.1	-31.2	0	44.6	-	-	74	-29.4	300	363	H
	* ** 4.924	33.21	MAv1	34.1	-31.2	3.46	39.57	54	-14.43	-	-	300	363	H
5	* ** 1.593	45.18	PK2	27.9	-24.1	0	48.98	-	-	74	-25.02	234	243	V
	* ** 1.595	27.2	MAv1	27.9	-24.1	3.46	34.46	54	-19.54	-	-	234	243	V
6	* ** 1.599	44.92	PK2	28	-24.1	0	48.82	-	-	74	-25.18	228	244	V
	* ** 1.598	27	MAv1	28	-24.1	3.46	34.36	54	-19.64	-	-	228	244	V
7	* ** 4.984	46.78	PK2	34.1	-32.2	0	48.68	-	-	74	-25.32	252	164	V
	* ** 4.981	28.61	MAv1	34.1	-32.1	3.46	34.07	54	-19.93	-	-	252	164	V

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

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

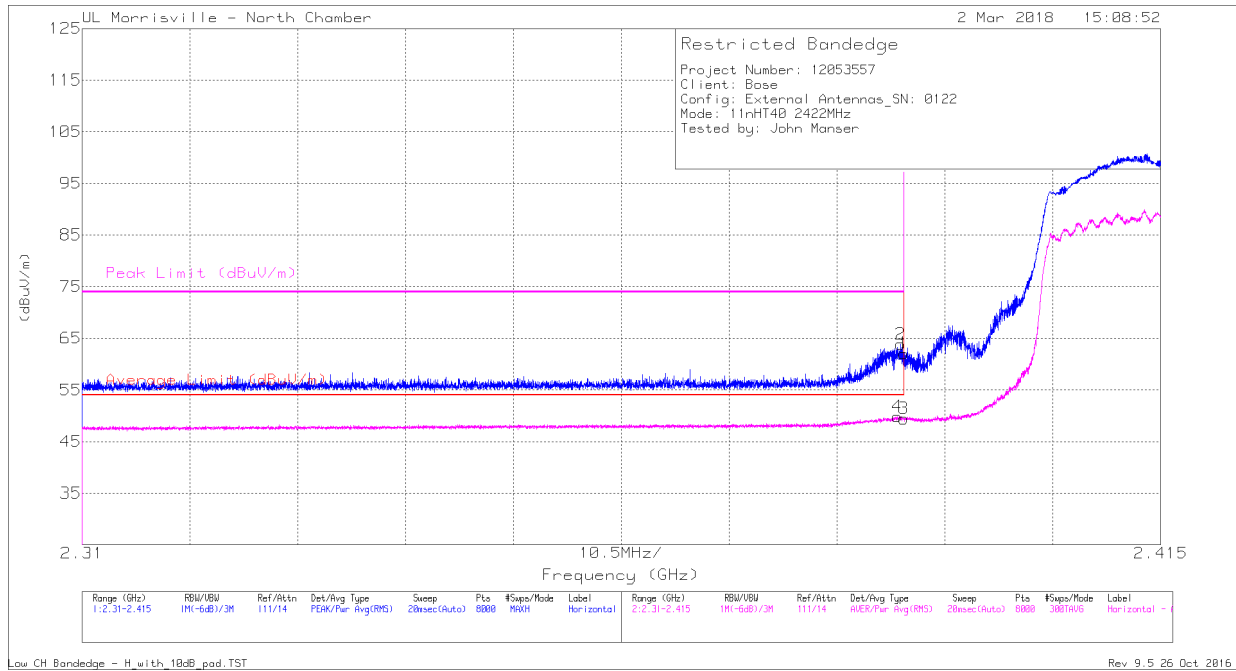
Pk - Peak detector

PK2 - Maximum Peak

MAv1 - Maximum RMS Average

**9.2.7. TX ABOVE 1 GHz - 802.11n HT40 MODE, EXT ANTENNA**

**RESTRICTED BANDEDGE (LOW CHANNEL, HORIZONTAL) MCS 0 2422MHz**



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AT0072 AF (dB/m)	Amp/Cbl/Filtr/Pad (dB)	Pad (10dB)	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	* ** 2.39	44.15	Pk	31.8	-23.9	10	0	62.05	-	-	74	-11.95	117	119	H
2	* ** 2.39	45.98	Pk	31.8	-23.9	10	0	63.88	-	-	74	-10.12	117	119	H
3	* ** 2.39	28.84	RMS	31.8	-23.9	10	2.7	49.44	54	-4.56	-	-	117	119	H
4	* ** 2.389	29.24	RMS	31.8	-23.9	10	2.7	49.84	54	-4.16	-	-	117	119	H

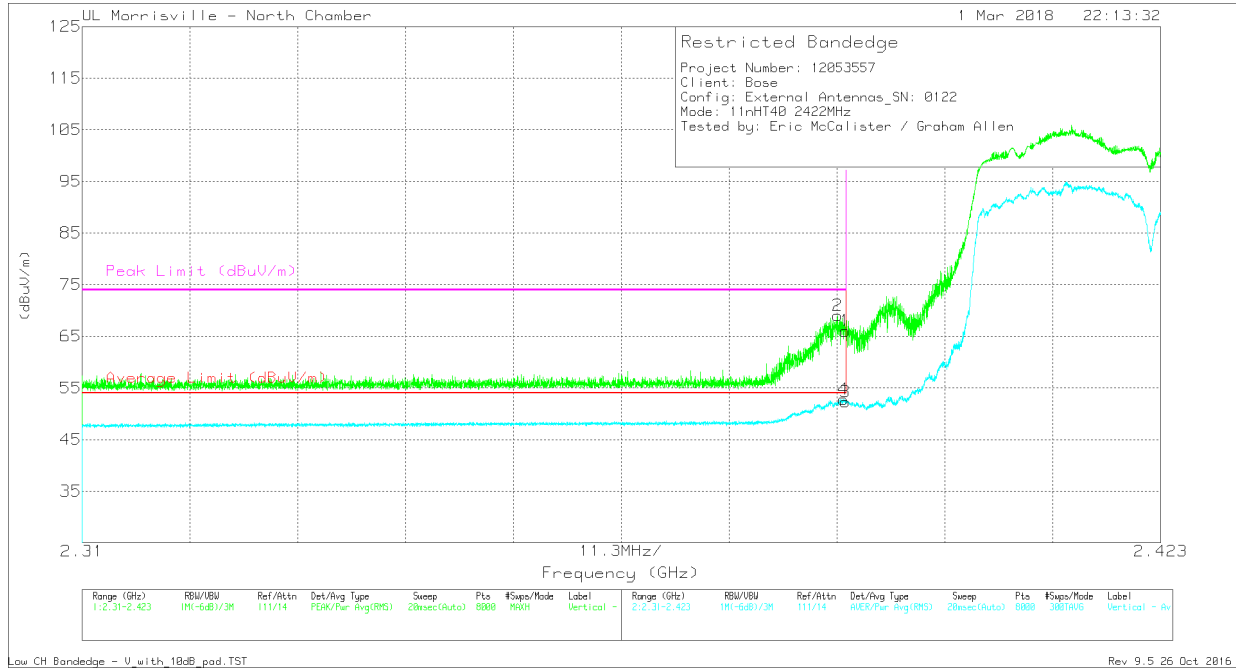
\* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

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

Pk - Peak detector

RMS - RMS detection

**RESTRICTED BANDEDGE (LOW CHANNEL, VERTICAL) MCS 0 2422MHZ**



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AT0072 AF (dB/m)	Amp/Cbl/Filtr/Pad (dB)	Pad (10dB)	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	* ** 2.39	48.13	Pk	31.8	-23.9	10	0	66.03	-	-	74	-7.97	137	267	V
2	* ** 2.389	51.12	Pk	31.8	-23.9	10	0	69.02	-	-	74	-4.98	137	267	V
3	* ** 2.39	31.69	RMS	31.8	-23.9	10	2.7	52.29	54	-1.71	-	-	137	267	V
4	* ** 2.39	32.23	RMS	31.8	-23.9	10	2.7	52.83	54	-1.17	-	-	137	267	V

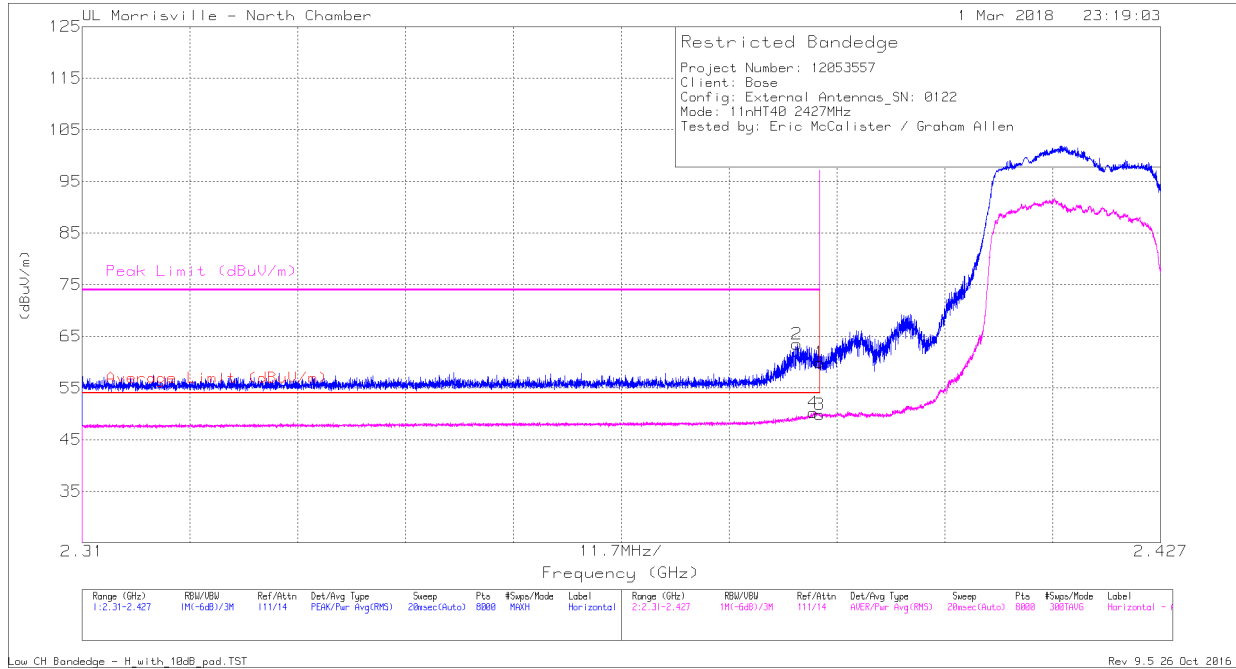
\* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

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

Pk - Peak detector

RMS - RMS detection

**RESTRICTED BANDEDGE (LOW CHANNEL, HORIZONTAL) MCS 0 2427MHz**



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AT0072 AF (dB/m)	Amp/Cbl/Fitr/Pad (dB)	Pad (10dB)	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	* ** 2.39	42.01	PK	31.8	-23.9	10	0	59.91	-	-	74	-14.09	117	134	H
2	* ** 2.388	45.6	PK	31.8	-23.9	10	0	63.5	-	-	74	-10.5	117	134	H
3	* ** 2.39	29.22	RMS	31.8	-23.9	10	2.7	49.82	54	-4.18	-	-	117	134	H
4	* ** 2.389	29.62	RMS	31.8	-23.9	10	2.7	50.22	54	-3.78	-	-	117	134	H

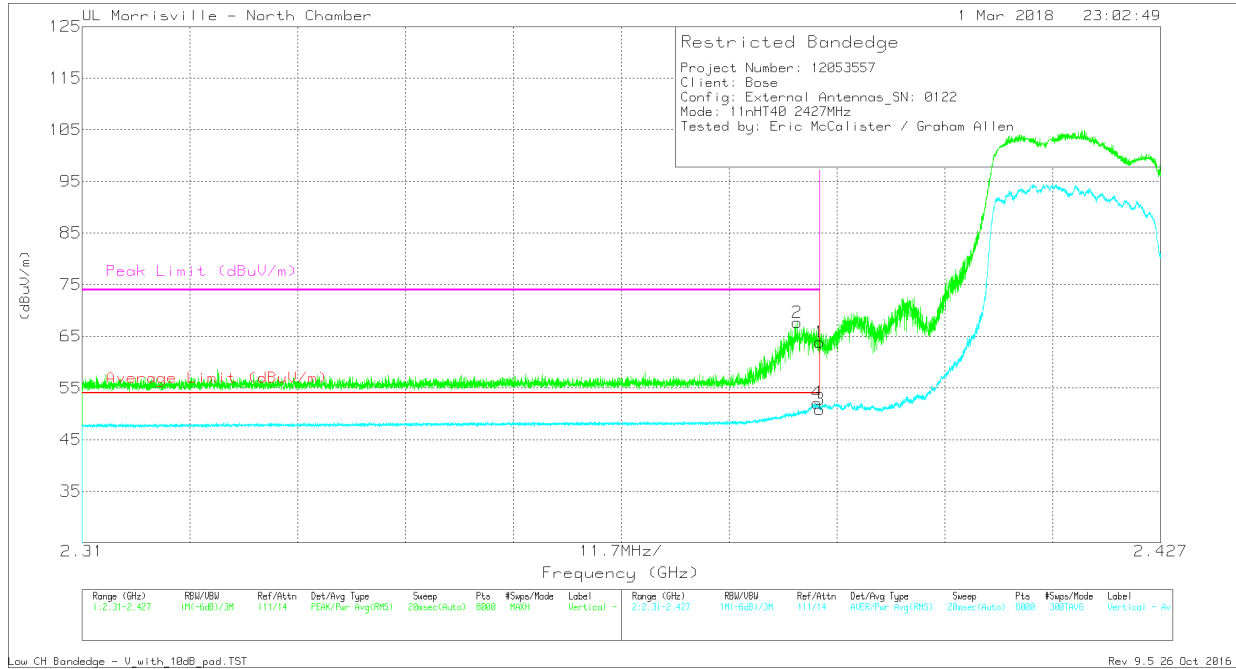
\* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

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

PK - Peak detector

RMS - RMS detection

**RESTRICTED BANDEDGE (LOW CHANNEL, VERTICAL) MCS 0 2427MHZ**



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AT0072 AF (dB/m)	Amp/Cbl/Filtr/Pad (dB)	Pad (10dB)	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	* ** 2.39	45.99	Pk	31.8	-23.9	10	0	63.89	-	-	74	-10.11	152	269	V
2	* ** 2.388	49.78	Pk	31.8	-23.9	10	0	67.68	-	-	74	-6.32	152	269	V
3	* ** 2.39	30.27	RMS	31.8	-23.9	10	2.7	50.87	54	-3.13	-	-	152	269	V
4	* ** 2.39	31.51	RMS	31.8	-23.9	10	2.7	52.11	54	-1.89	-	-	152	269	V

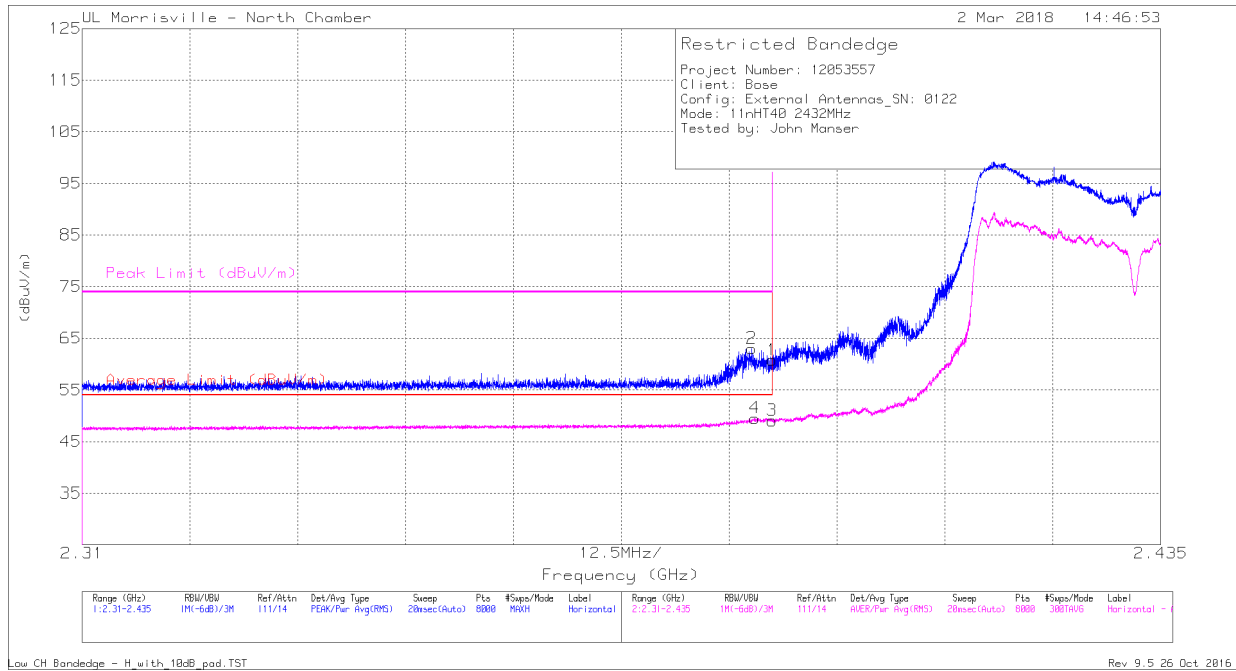
\* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

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

Pk - Peak detector

RMS - RMS detection

**RESTRICTED BANDEGE (LOW CHANNEL, HORIZONTAL) MCS 0 2432MHz**

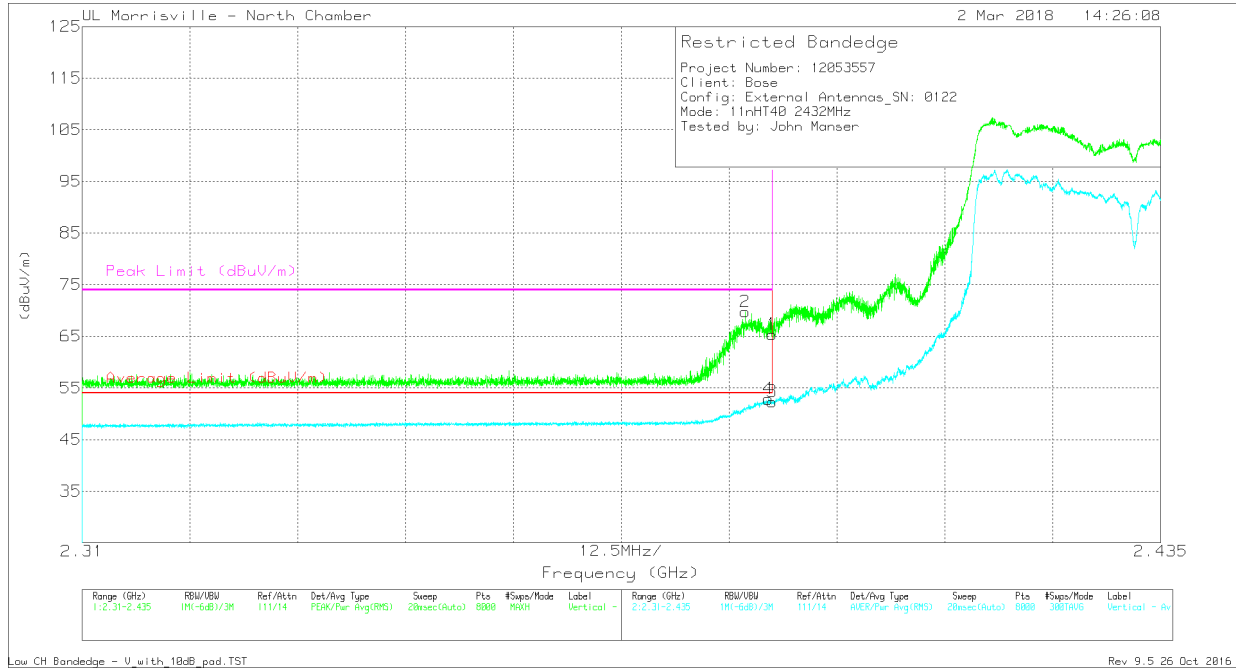


Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AT0072 AF (dB/m)	Amp/Cbl/Fitr/Pad (dB)	Pad (10dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* ** 2.39	42.91	PK	31.8	-23.9	10	0	60.81	-	-	74	-13.19	297	113	H
2	* ** 2.388	45.14	PK	31.8	-23.9	10	0	63.04	-	-	74	-10.96	297	113	H
3	* ** 2.39	28.47	RMS	31.8	-23.9	10	2.7	49.07	54	-4.93	-	-	297	113	H
4	* ** 2.388	28.94	RMS	31.8	-23.9	10	2.7	49.54	54	-4.46	-	-	297	113	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



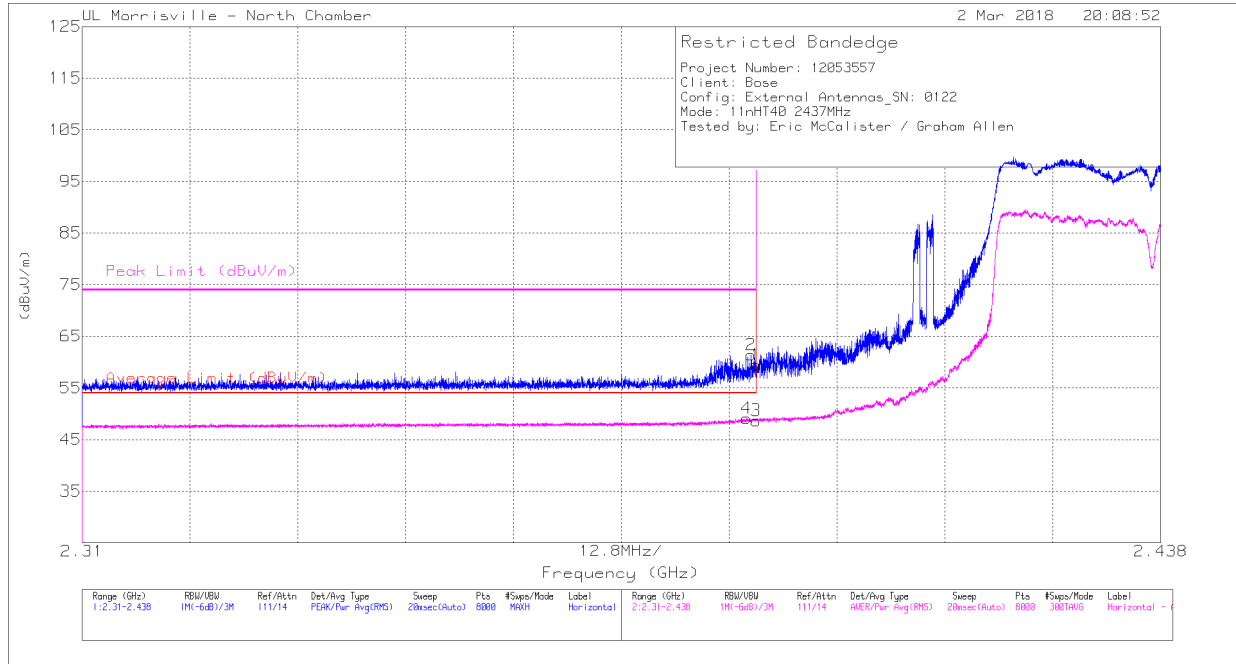
**RESTRICTED BANDEDGE (LOW CHANNEL, VERTICAL) MCS 0 2432MHZ**



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AT0072 AF (dB/m)	Amp/Cbl/Fitr/Pad (dB)	Pad (10dB)	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	* ** 2.39	47.49	PK	31.8	-23.9	10	0	65.39	-	-	74	-8.61	144	271	V
2	* ** 2.387	51.87	PK	31.8	-23.9	10	0	69.77	-	-	74	-4.23	144	271	V
3	* ** 2.39	31.76	RMS	31.8	-23.9	10	2.7	52.36	54	-1.64	-	-	144	271	V
4	* ** 2.39	32.28	RMS	31.8	-23.9	10	2.7	52.88	54	-1.12	-	-	144	271	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) MCS 0 2437MHz**



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AT0072 AF (dB/m)	Amp/Cbl/Fitr/Pad (dB)	Pad (10dB)	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	* ** 2.39	41.5	Pk	31.8	-23.9	10	0	59.4	-	-	74	-14.6	162	176	H
2	* ** 2.389	43.51	Pk	31.8	-23.9	10	0	61.41	-	-	74	-12.59	162	176	H
3	* ** 2.39	28.06	RMS	31.8	-23.9	10	2.7	48.66	54	-5.34	-	-	162	176	H
4	* ** 2.389	28.49	RMS	31.8	-23.9	10	2.7	49.09	54	-4.91	-	-	162	176	H

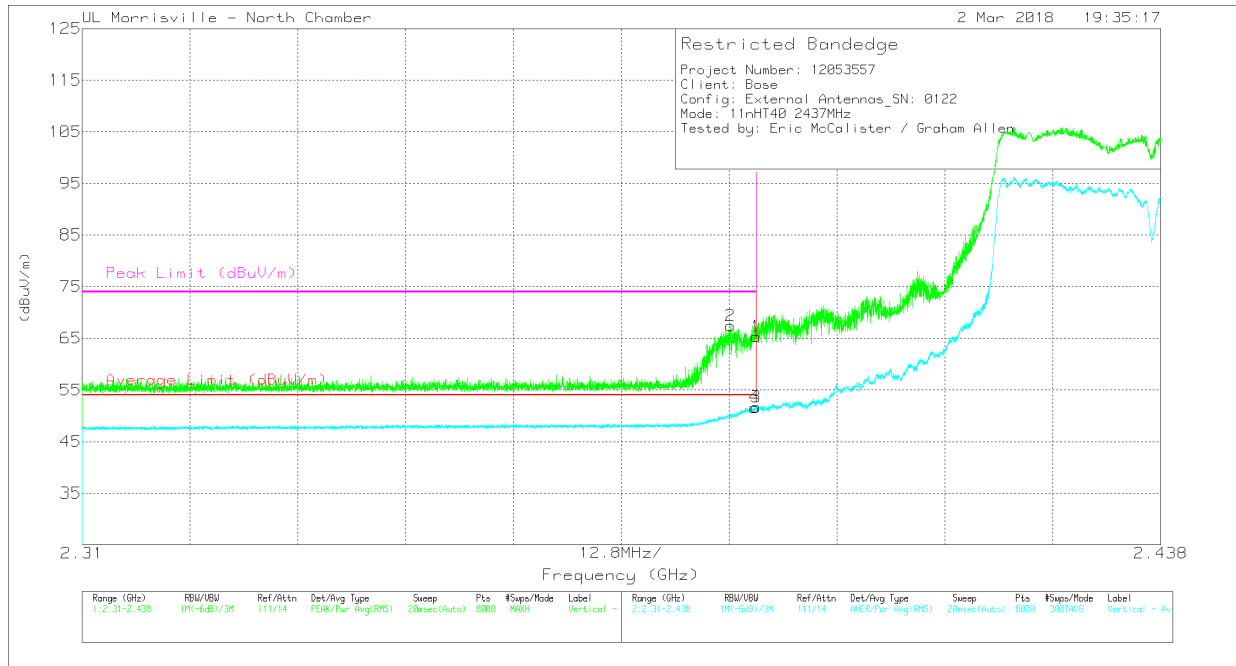
\* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

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

Pk - Peak detector

RMS - RMS detection

**RESTRICTED BANDEDGE (LOW CHANNEL, VERTICAL) MCS 0 2437MHZ**



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AT0072 AF (dB/m)	Amp/Cbl/Fitr/Pad (dB)	Pad (10dB)	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	* ** 2.39	47.45	Pk	31.8	-23.9	10	0	65.35	-	-	74	-8.65	135	258	V
2	* ** 2.387	49.55	Pk	31.8	-23.9	10	0	67.45	-	-	74	-6.55	135	258	V
3	* ** 2.39	31.1	RMS	31.8	-23.9	10	2.7	51.7	54	-2.3	-	-	135	258	V
4	* ** 2.39	31.03	RMS	31.8	-23.9	10	2.7	51.63	54	-2.37	-	-	135	258	V

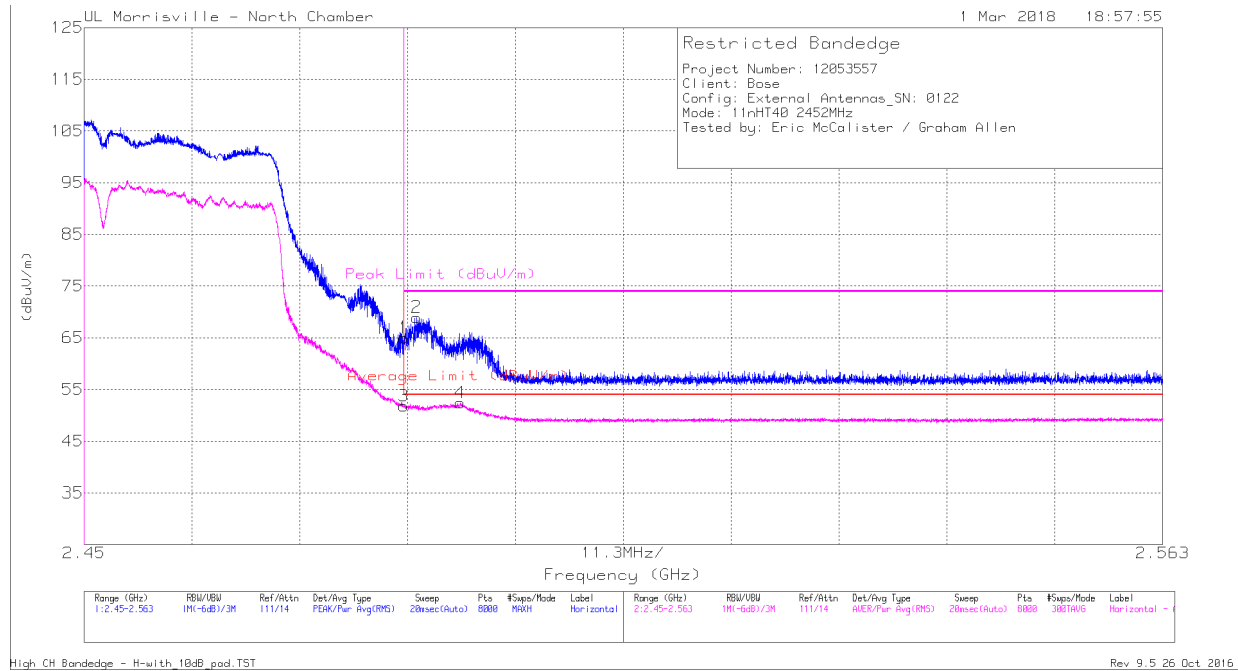
\* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

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

Pk - Peak detector

RMS - RMS detection

**AUTHORIZED BANDEDGE (HIGH CHANNEL, HORIZONTAL) MCS 0 2452MHZ**



High CH Bandedge - H-with 10dB\_pad.TST

Rev 9.5 26 Oct 2016

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AT0072 AF (dB/m)	Amp/Cbl/Filtr/Pad (dB)	Pad (10dB)	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	* ** 2.484	46.5	Pk	32.3	-23.8	10	0	65	-	-	74	-9	116	129	H
2	* ** 2.485	50.45	Pk	32.3	-23.8	10	0	68.95	-	-	74	-5.05	116	129	H
3	* ** 2.484	30.58	RMS	32.3	-23.8	10	2.7	51.78	54	-2.22	-	-	116	129	H
4	* ** 2.489	31.2	RMS	32.3	-23.8	10	2.7	52.4	54	-1.6	-	-	116	129	H

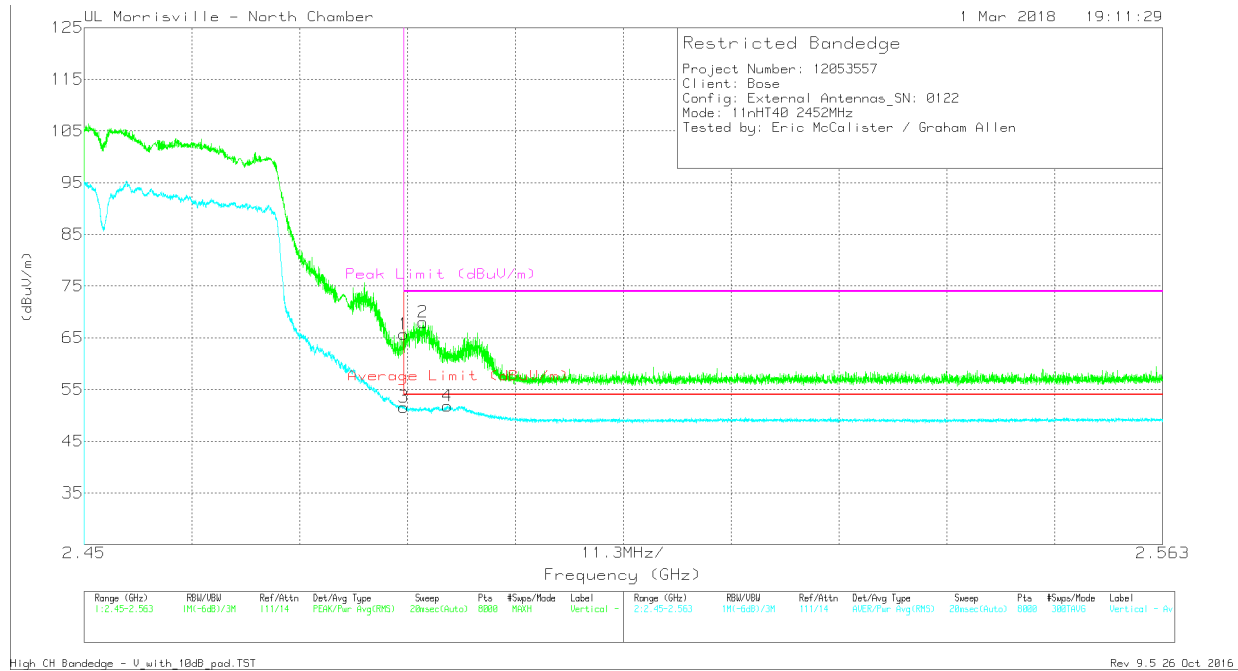
\* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

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

Pk - Peak detector

RMS - RMS detection

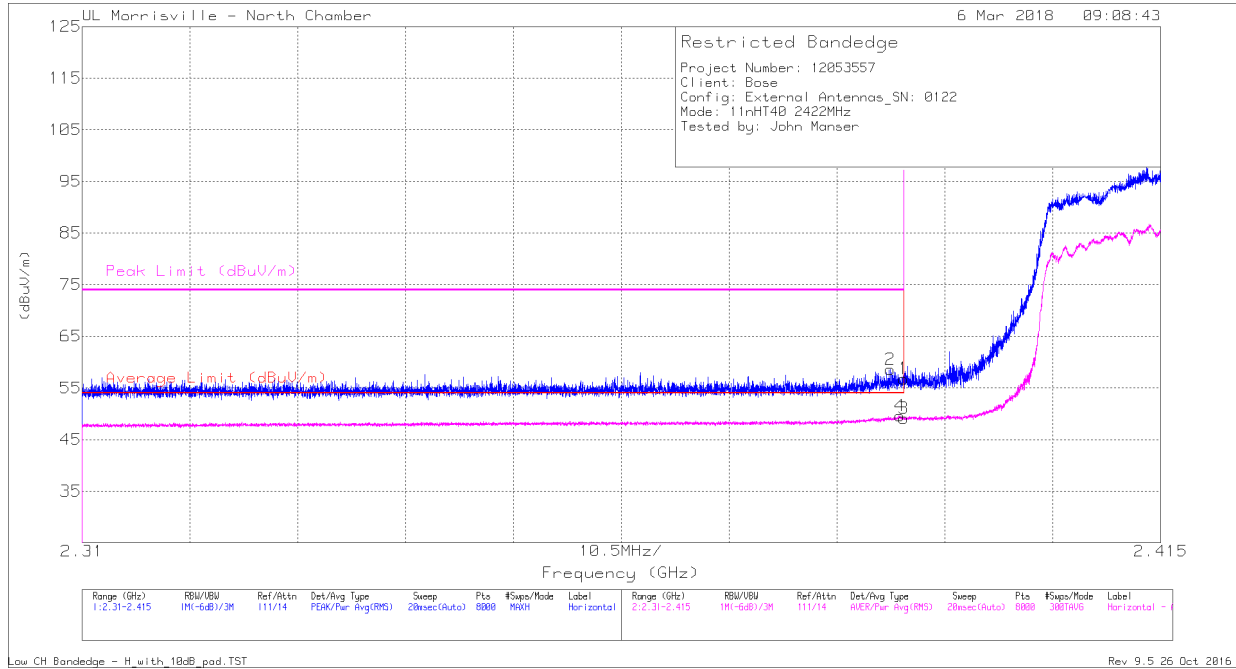
**AUTHORIZED BANDEDGE (HIGH CHANNEL, VERTICAL) MCS 0 2452MHZ**



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AT0072 AF (dB/m)	Amp/Cbl/Filtr/Pad (dB)	Pad (10dB)	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	* ** 2.484	47.21	Pk	32.3	-23.8	10	0	65.71	-	-	74	-8.29	145	194	V
2	* ** 2.486	49.5	Pk	32.3	-23.8	10	0	68	-	-	74	-6	145	194	V
3	* ** 2.484	30.42	RMS	32.3	-23.8	10	2.7	51.62	54	-2.38	-	-	145	194	V
4	* ** 2.488	30.62	RMS	32.3	-23.8	10	2.7	51.82	54	-2.18	-	-	145	194	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) MCS 7 2422MHz**



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AT0072 AF (dB/m)	Amp/Cbl/Fitr/Pad (dB)	Pad (10dB)	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	* ** 2.39	38.89	PK	31.8	-23.9	10	0	56.79	-	-	74	-17.21	179	345	H
2	* ** 2.389	40.67	PK	31.8	-23.9	10	0	58.57	-	-	74	-15.43	179	345	H
3	* ** 2.39	28.52	RMS	31.8	-23.9	10	2.7	49.12	54	-4.88	-	-	179	345	H
4	* ** 2.39	29	RMS	31.8	-23.9	10	2.7	49.6	54	-4.4	-	-	179	345	H

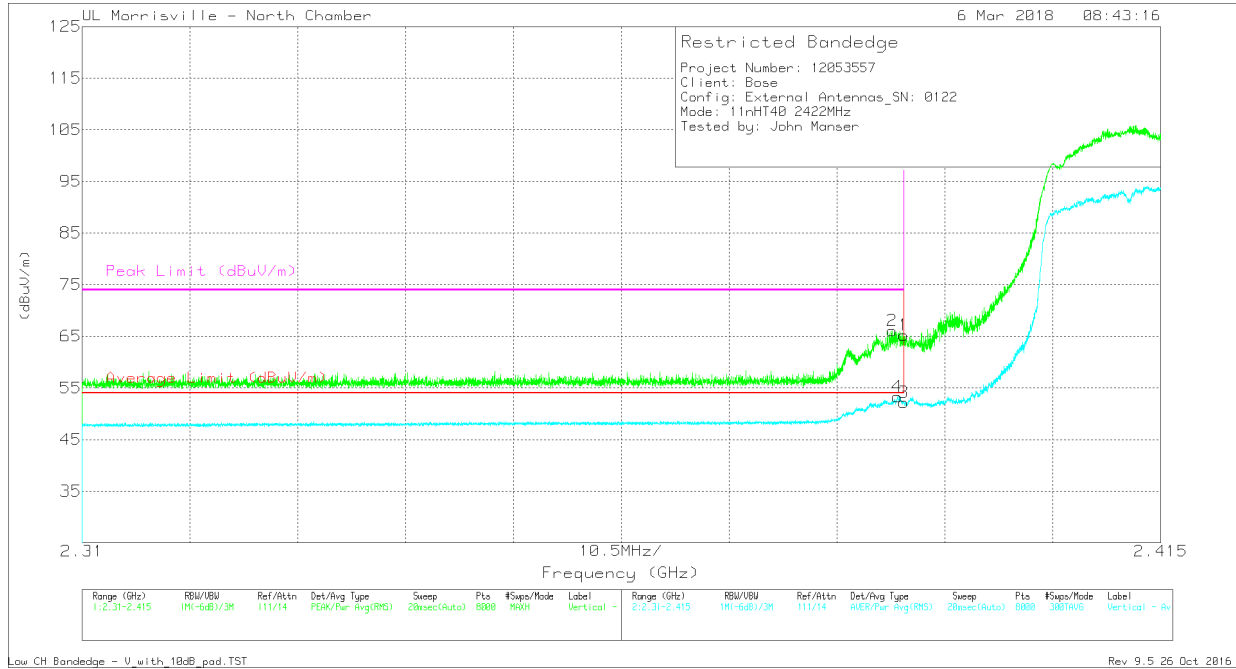
\* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

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

PK - Peak detector

RMS - RMS detection

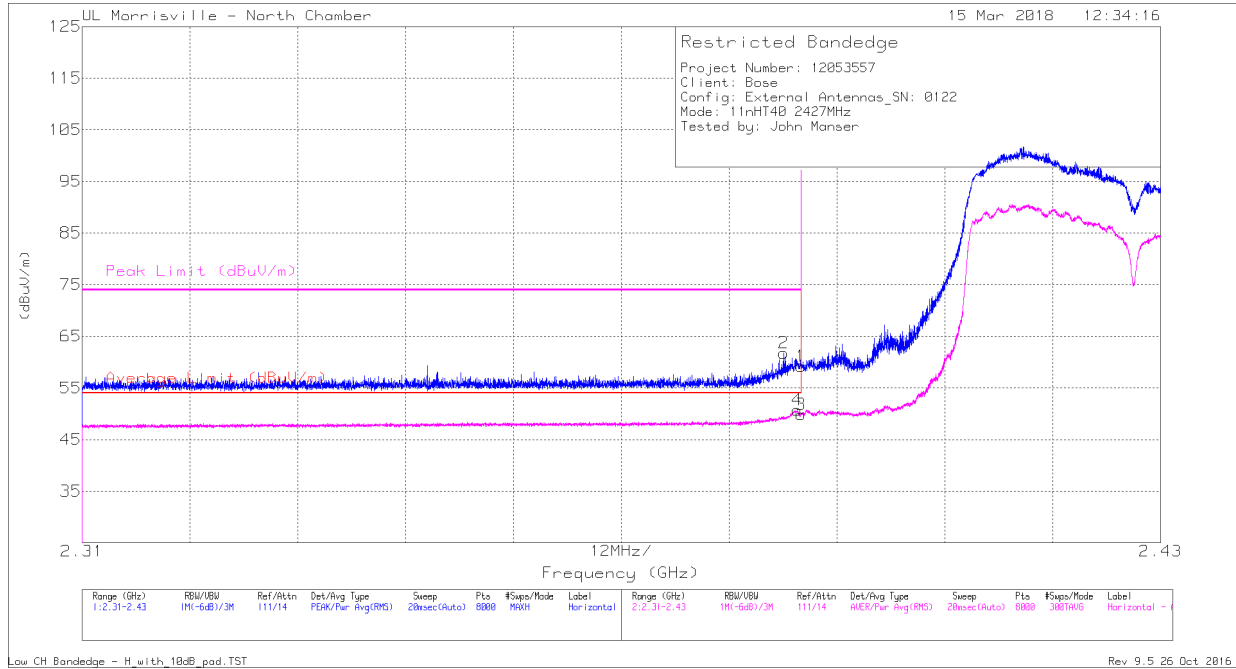
**RESTRICTED BANDEDGE (LOW CHANNEL, VERTICAL) MCS 7 2422MHZ**



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AT0072 AF (dB/m)	Amp/Cbl/Fitr/Pad (dB)	Pad (10dB)	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	*** 2.39	47.3	PK	31.8	-23.9	10	0	65.2	-	-	74	-8.8	133	268	V
2	*** 2.389	48.17	PK	31.8	-23.9	10	0	66.07	-	-	74	-7.93	133	268	V
3	*** 2.39	31.56	RMS	31.8	-23.9	10	2.7	52.16	54	-1.84	-	-	133	268	V
4	*** 2.389	32.69	RMS	31.8	-23.9	10	2.7	53.29	54	-0.71	-	-	133	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

**RESTRICTED BANDEDGE (LOW CHANNEL, HORIZONTAL) MCS 7 2427MHz**

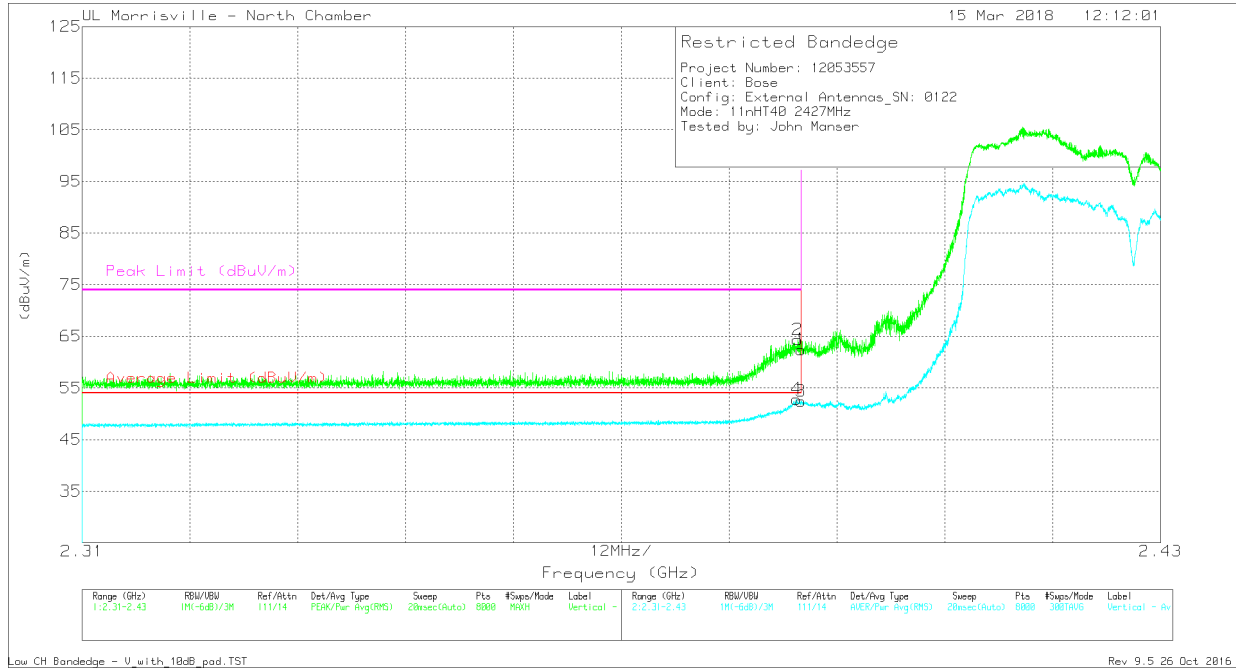


Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AT0072 AF (dB/m)	Amp/Cbl/Fitr/Pad (dB)	Pad (10dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* ** 2.39	41.26	PK	31.8	-23.9	10	0	59.16	-	-	74	-14.84	99	276	H
2	* ** 2.388	43.83	PK	31.8	-23.9	10	0	61.73	-	-	74	-12.27	99	276	H
3	* ** 2.39	29.28	RMS	31.8	-23.9	10	2.7	49.88	54	-4.12	-	-	99	276	H
4	* ** 2.39	30.1	RMS	31.8	-23.9	10	2.7	50.7	54	-3.3	-	-	99	276	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



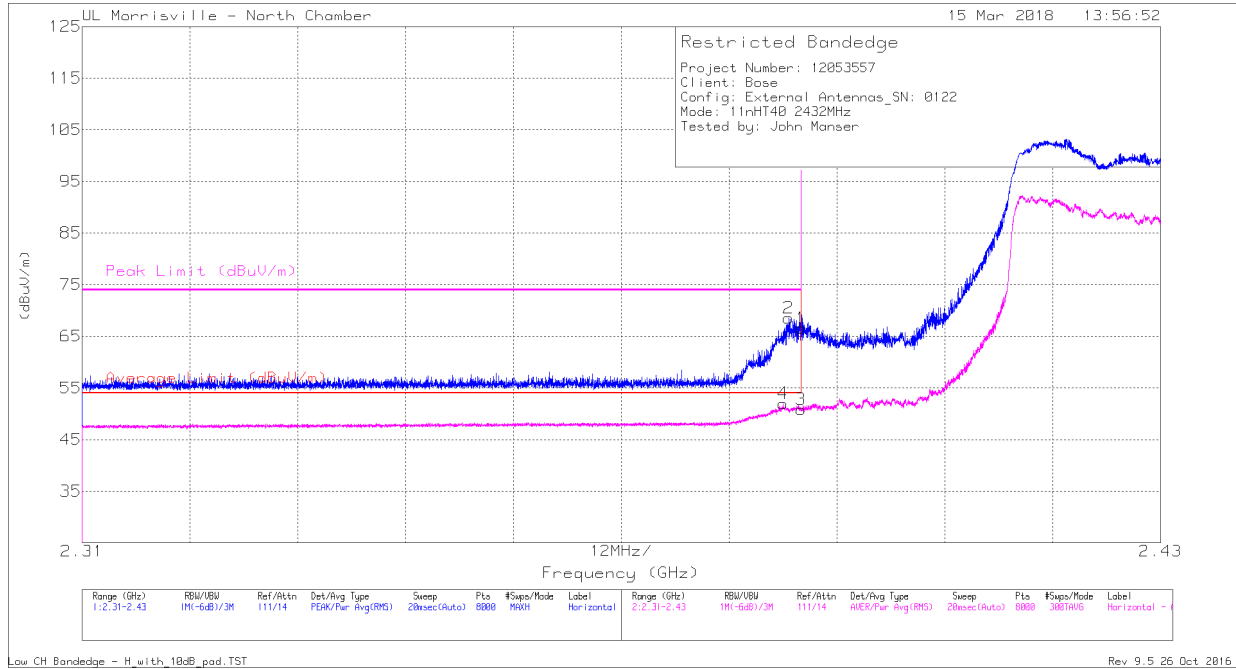
**RESTRICTED BANDEDGE (LOW CHANNEL, VERTICAL) MCS 7 2427MHZ**



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AT0072 AF (dB/m)	Amp/Cbl/Fitr/Pad (dB)	Pad (10dB)	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	*** 2.39	44.53	PK	31.8	-23.9	10	0	62.43	-	-	74	-11.57	138	268	V
2	*** 2.39	46.46	PK	31.8	-23.9	10	0	64.36	-	-	74	-9.64	138	268	V
3	*** 2.39	31.85	RMS	31.8	-23.9	10	2.7	52.45	54	-1.55	-	-	138	268	V
4	*** 2.389	32.24	RMS	31.8	-23.9	10	2.7	52.84	54	-1.16	-	-	138	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

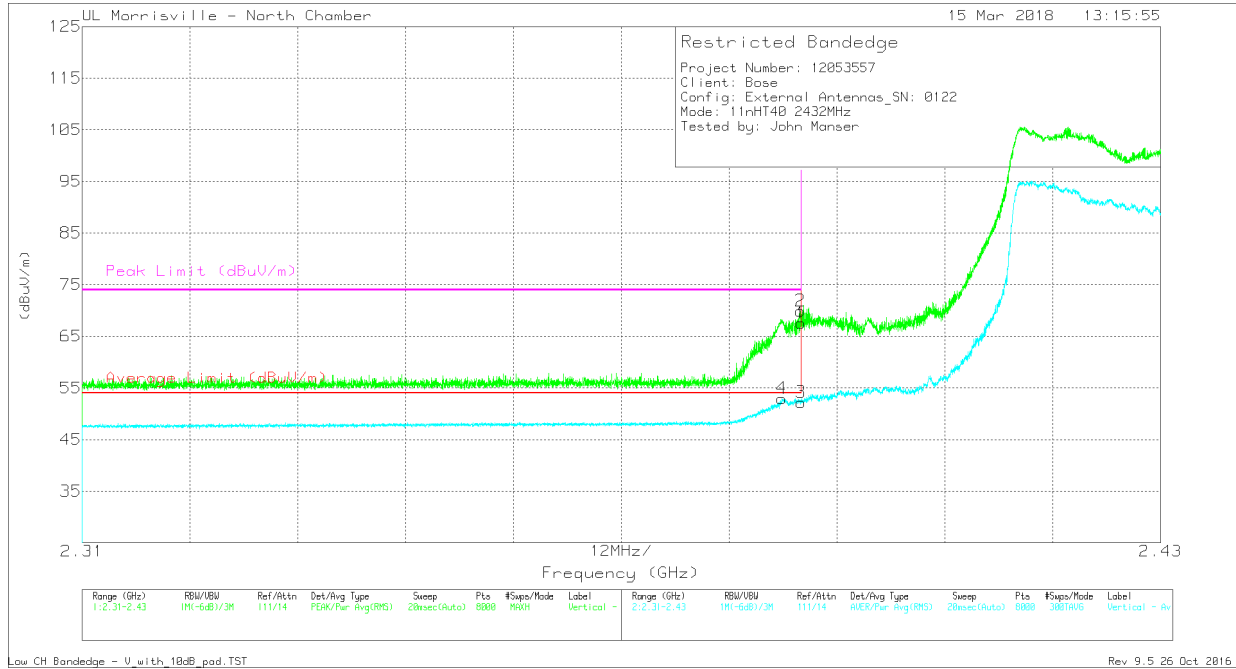
**RESTRICTED BANDEDGE (LOW CHANNEL) Horizontal MCS 7 2432MHz**



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AT0072 AF (dB/m)	Amp/Cbl/Fitr/Pad (dB)	Pad (10dB)	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	* ** 2.39	48.64	PK	31.8	-23.9	10	0	66.54	-	-	74	-7.46	3	107	H
2	* ** 2.389	50.61	PK	31.8	-23.9	10	0	68.51	-	-	74	-5.49	3	107	H
3	* ** 2.39	30.23	RMS	31.8	-23.9	10	2.7	50.83	54	-3.17	-	-	3	107	H
4	* ** 2.388	31.38	RMS	31.8	-23.9	10	2.7	51.98	54	-2.02	-	-	3	107	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

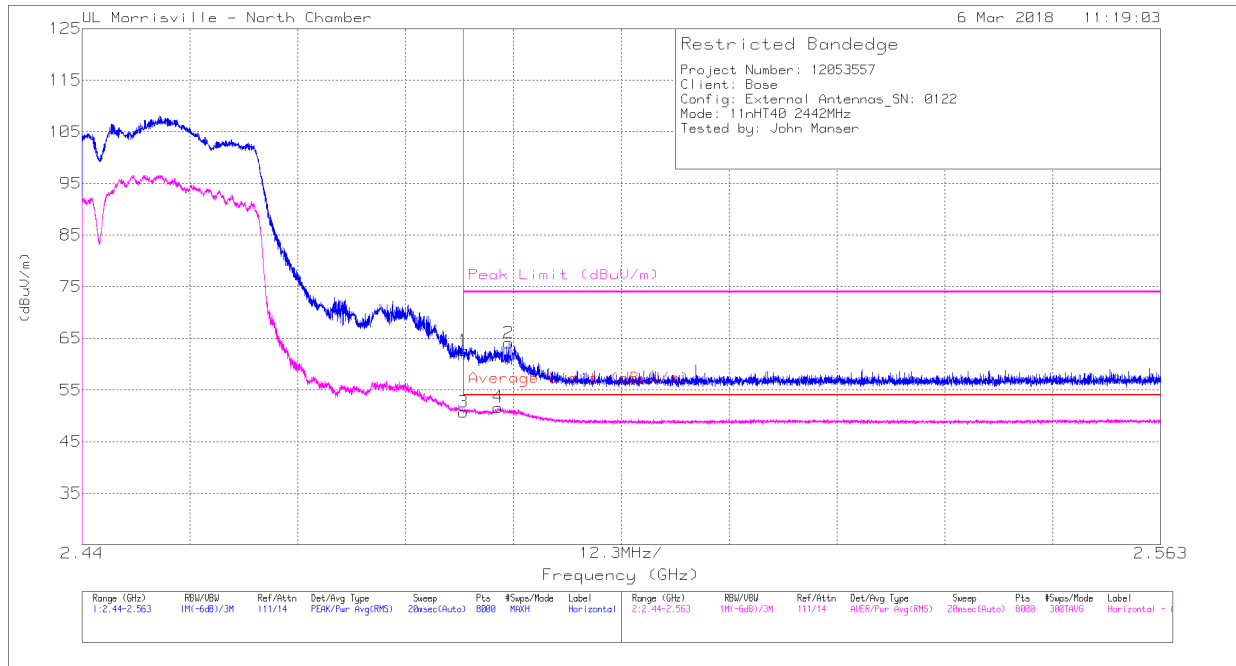
**RESTRICTED BANDEDGE (LOW CHANNEL, VERTICAL) MCS 7 2432MHZ**



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AT0072 AF (dB/m)	Amp/Cbl/Fitr/Pad (dB)	Pad (10dB)	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	*** 2.39	49.65	PK	31.8	-23.9	10	0	67.55	-	-	74	-6.45	137	241	V
2	*** 2.39	52.02	PK	31.8	-23.9	10	0	69.92	-	-	74	-4.08	137	241	V
3	*** 2.39	31.63	RMS	31.8	-23.9	10	2.7	52.23	54	-1.77	-	-	137	241	V
4	*** 2.388	32.38	RMS	31.8	-23.9	10	2.7	52.98	54	-1.02	-	-	137	241	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) MCS 7 2442MHZ**



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AT0072 AF (dB/m)	Amp/Cbl/Fitr/Pad (dB)	Pad (10dB)	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	*** 2.484	44.13	PK	32.3	-23.8	10	0	62.63	-	-	74	-11.37	291	134	H
2	*** 2.489	45.63	PK	32.3	-23.8	10	0	64.13	-	-	74	-9.87	291	134	H
3	*** 2.484	29.54	RMS	32.3	-23.8	10	2.7	50.74	54	-3.26	-	-	291	134	H
4	*** 2.487	30.43	RMS	32.3	-23.8	10	2.7	51.63	54	-2.37	-	-	291	134	H

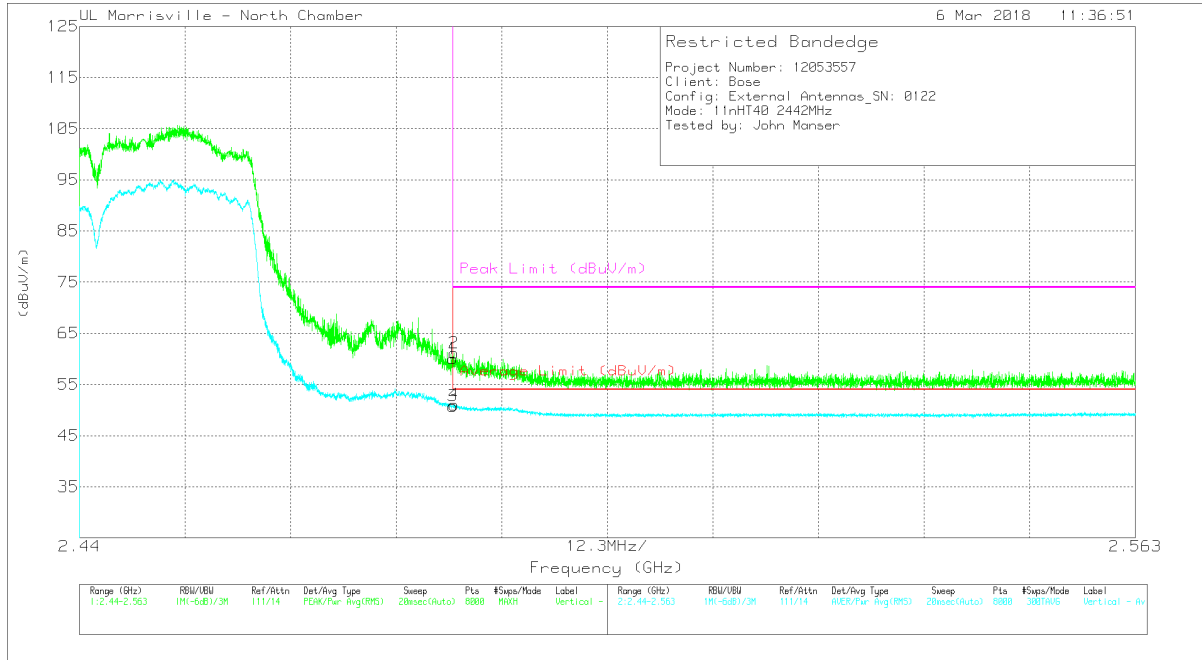
\* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

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

PK - Peak detector

RMS - RMS detection

**AUTHORIZED BANDEDGE (HIGH CHANNEL, VERTICAL) MCS 7 2442MHZ**



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AT0072 AF (dB/m)	Amp/Cbl/Fitr/Pad (dB)	Pad (10dB)	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	*** 2.484	41.55	Pk	32.3	-23.8	10	0	60.05	-	-	74	-13.95	149	231	V
2	*** 2.484	42.68	Pk	32.3	-23.8	10	0	61.18	-	-	74	-12.82	149	231	V
3	*** 2.484	29.58	RMS	32.3	-23.8	10	2.7	50.78	54	-3.22	-	-	149	231	V
4	*** 2.484	29.83	RMS	32.3	-23.8	10	2.7	51.03	54	-2.97	-	-	149	231	V

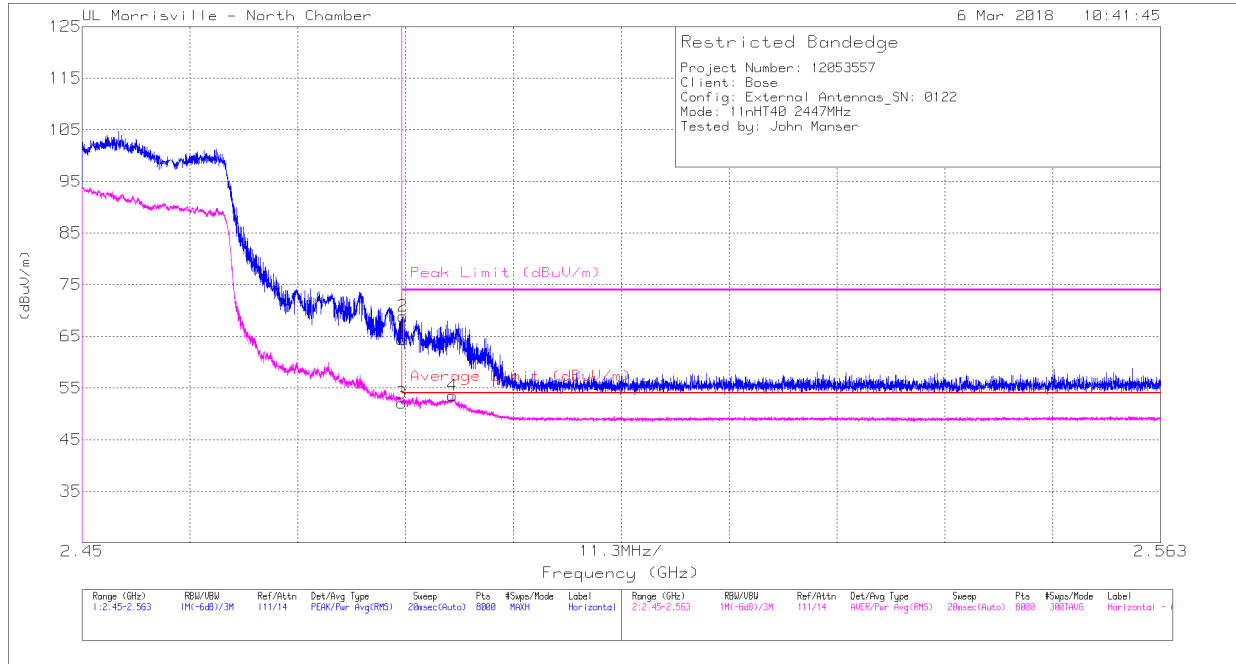
\* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

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

Pk - Peak detector

RMS - RMS detection

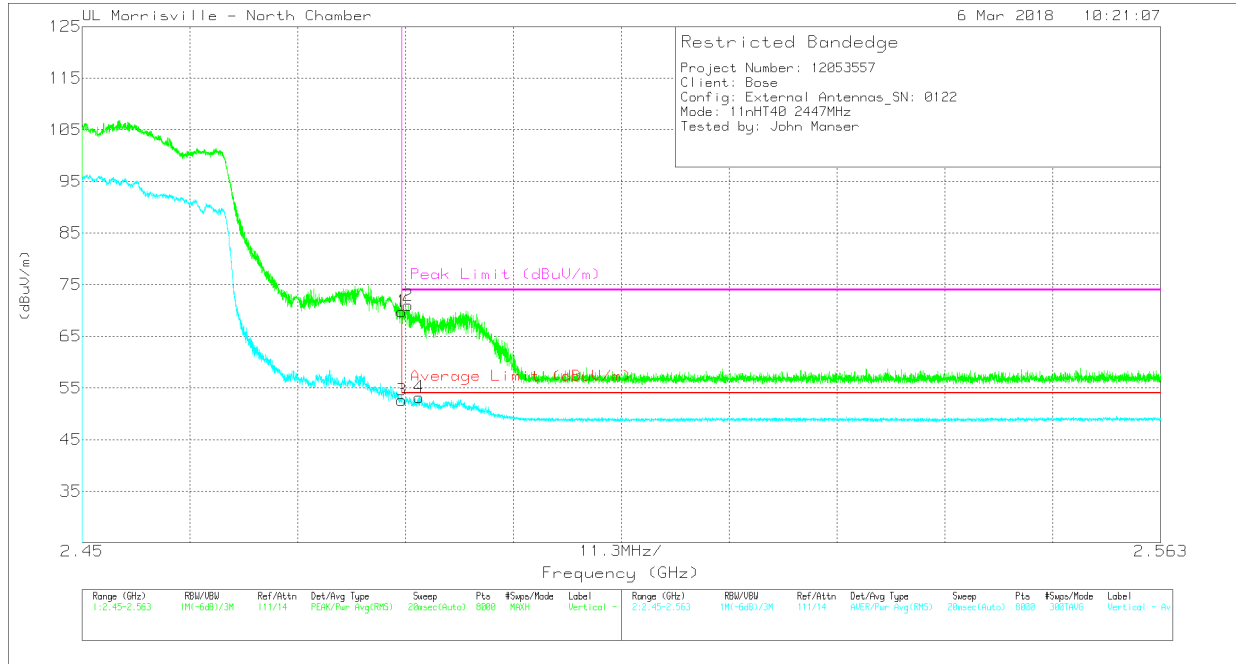
**AUTHORIZED BANDEDGE (HIGH CHANNEL, HORIZONTAL) MCS 7 2447MHZ**



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AT0072 AF (dB/m)	Amp/Cbl/Fitr/Pad (dB)	Pad (10dB)	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	* ** 2.484	45.85	PK	32.3	-23.8	10	0	64.35	-	-	74	-9.65	289	171	H
2	* ** 2.484	50.36	PK	32.3	-23.8	10	0	68.86	-	-	74	-5.14	289	171	H
3	* ** 2.484	30.83	RMS	32.3	-23.8	10	2.7	52.03	54	-1.97	-	-	289	171	H
4	* ** 2.489	32.32	RMS	32.3	-23.8	10	2.7	53.52	54	-.48	-	-	289	171	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) MCS 7 2447MHZ**



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AT0072 AF (dB/m)	Amp/Cbl/Filtr/Pad (dB)	Pad (10dB)	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	*** 2.484	51.3	Pk	32.3	-23.8	10	0	69.8	-	-	74	-4.2	140	280	V
2	*** 2.484	52.46	Pk	32.3	-23.8	10	0	70.96	-	-	74	-3.04	140	280	V
3	*** 2.484	31.43	RMS	32.3	-23.8	10	2.7	52.63	54	-1.37	-	-	140	280	V
4	** 2.485	32.01	RMS	32.3	-23.8	10	2.7	53.21	54	-.79	-	-	140	280	V

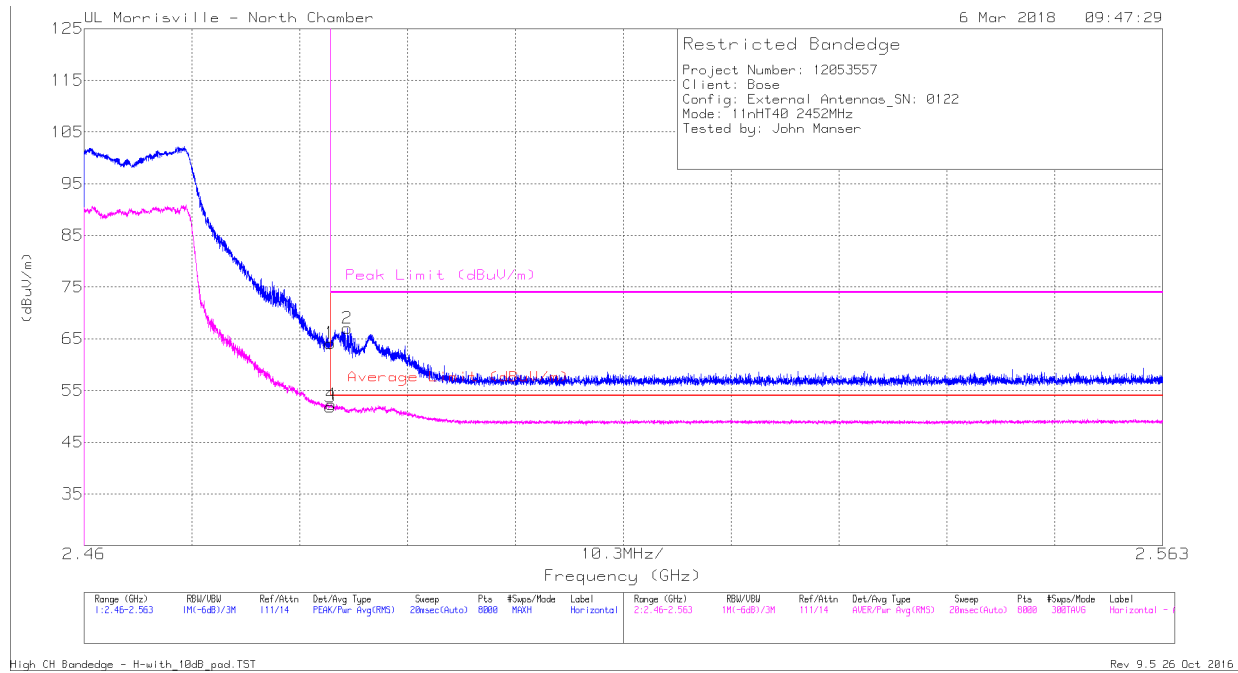
\* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

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

Pk - Peak detector

RMS - RMS detection

**AUTHORIZED BANDEDGE (HIGH CHANNEL, HORIZONTAL) MCS 7 2452MHZ**



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AT0072 AF (dB/m)	Amp/Cbl/Filtr/Pad (dB)	Pad (10dB)	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	* ** 2.484	45.66	Pk	32.3	-23.8	10	0	64.16	-	-	74	-9.84	289	114	H
2	* ** 2.485	48.57	Pk	32.3	-23.8	10	0	67.07	-	-	74	-6.93	289	114	H
3	* ** 2.484	30.61	RMS	32.3	-23.8	10	2.7	51.81	54	-2.19	-	-	289	114	H
4	* ** 2.484	31.1	RMS	32.3	-23.8	10	2.7	52.3	54	-1.7	-	-	289	114	H

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

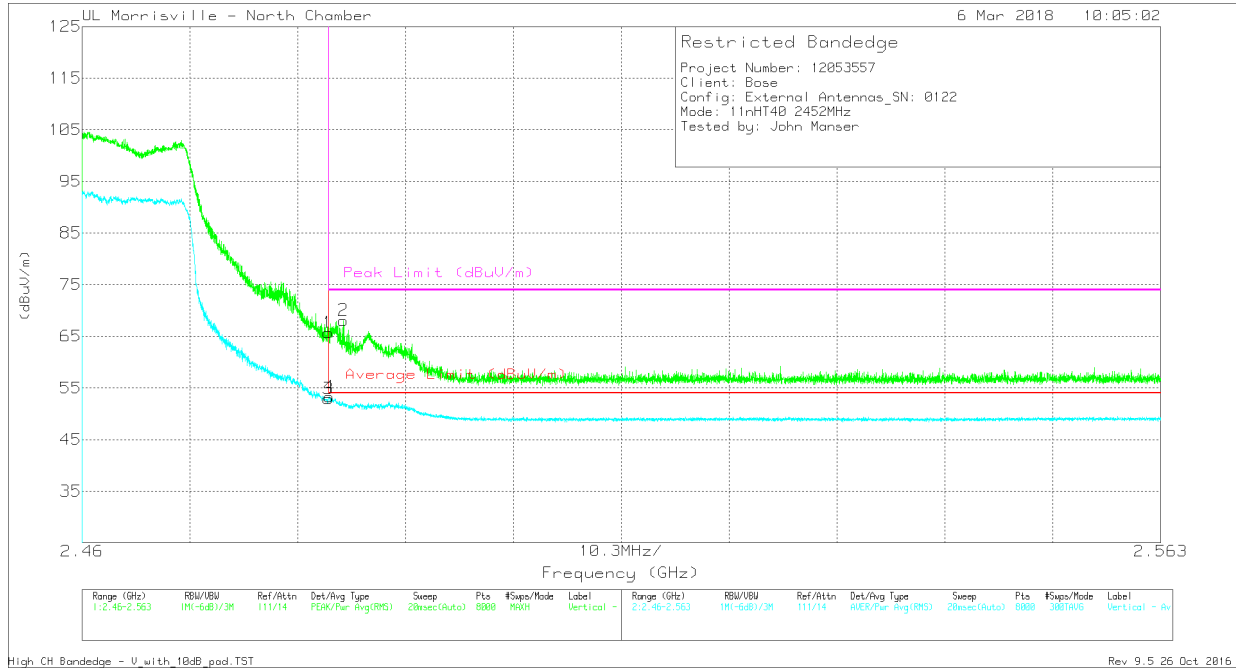
\*\* - indicates frequency in Taiwan NCC LP0002 Restricted Band

Pk - Peak detector

RMS - RMS detection



**AUTHORIZED BANDEDGE (HIGH CHANNEL, VERTICAL) MCS 7 2452MHZ**



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AT0072 AF (dB/m)	Amp/Cbl/Filtr/Pad (dB)	Pad (10dB)	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	*** 2.484	47.18	Pk	32.3	-23.8	10	0	65.68	-	-	74	-8.32	140	255	V
2	*** 2.485	49.58	Pk	32.3	-23.8	10	0	68.08	-	-	74	-5.92	140	255	V
3	*** 2.484	31.7	RMS	32.3	-23.8	10	2.7	52.9	54	-1.1	-	-	140	255	V
4	*** 2.484	32.08	RMS	32.3	-23.8	10	2.7	53.28	54	-.72	-	-	140	255	V

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

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

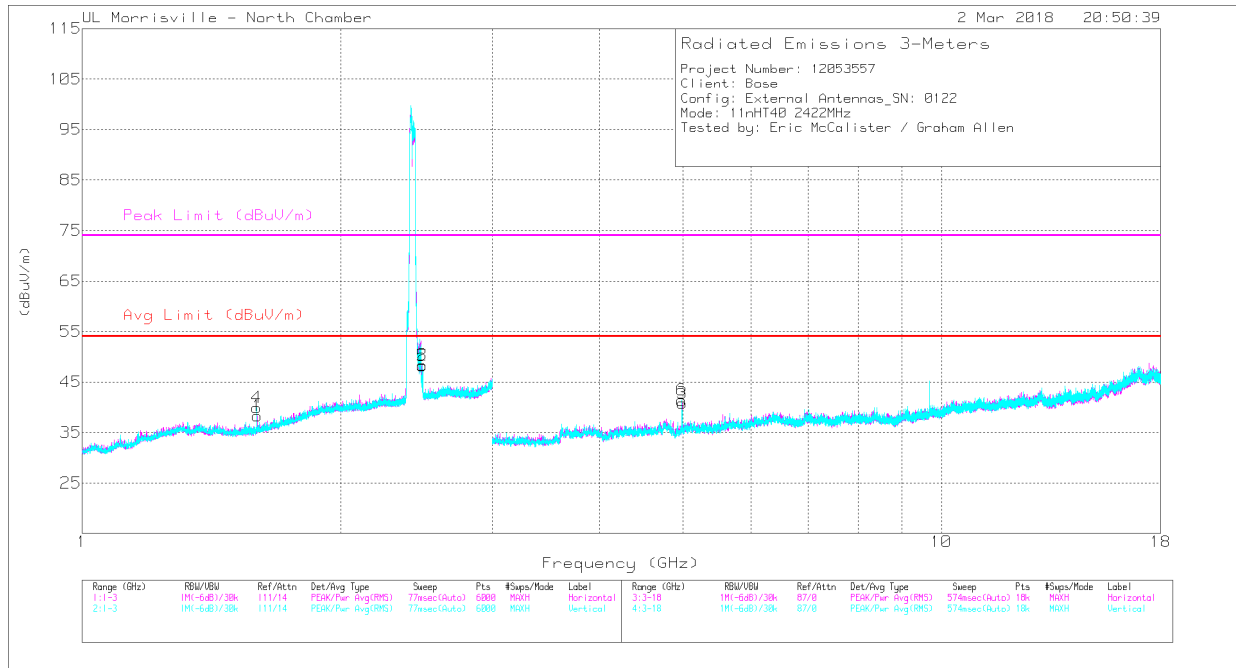
Pk - Peak detector

RMS - RMS detection

**HARMONICS AND SPURIOUS EMISSIONS**

Note: Radiated Spurious emissions from 1-18 GHz was run at the lowest data rate since this was found to be the highest Power and PSD. It was also run with Low and High channels set to mid channel power settings for worst-case results.

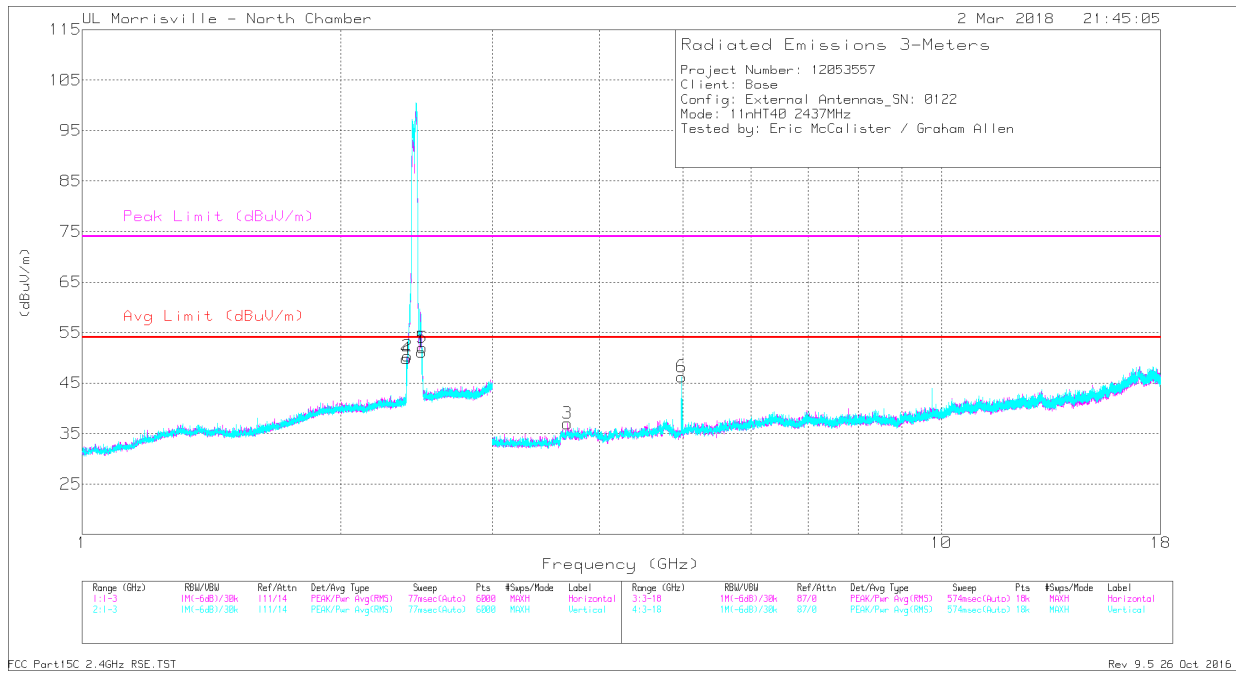
**Low Channel**



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)	Azimuth (Degs)	Height (cm)	Polarity
1	* ** 1.599	39.03	PK2	28	-24.1	0	42.93	-	-	74	-31.07	347	217	H
	* ** 1.599	26.49	MAv1	28	-24.1	2.7	33.09	54	-20.91	-	-	347	217	H
2	* ** 2.49	50.36	PK2	32.3	-23.8	0	58.86	-	-	74	-15.14	11	111	H
	* ** 2.487	30.79	MAv1	32.3	-23.8	2.7	41.99	54	-12.01	-	-	11	111	H
3	* ** 4.995	40.69	PK2	34.1	-32.2	0	42.59	-	-	74	-31.41	78	368	H
	* ** 4.995	28.77	MAv1	34.1	-32.2	2.7	33.37	54	-20.63	-	-	78	368	H
4	* ** 1.594	44.84	PK2	27.9	-24.1	0	48.64	-	-	74	-25.36	36	398	V
	* ** 1.594	26.97	MAv1	27.9	-24.1	2.7	33.47	54	-20.53	-	-	36	398	V
5	* ** 2.489	52.55	PK2	32.3	-23.8	0	61.05	-	-	74	-12.95	144	270	V
	* ** 2.489	32.53	MAv1	32.3	-23.8	2.7	43.73	54	-10.27	-	-	144	270	V
6	* ** 4.99	47.5	PK2	34.1	-32.2	0	49.4	-	-	74	-24.6	160	109	V
	* ** 4.988	28.93	MAv1	34.1	-32.2	2.7	33.53	54	-20.47	-	-	160	109	V

\* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band  
 \*\* - indicates frequency in Taiwan NCC LP0002 Restricted Band  
 PK2 - Maximum Peak  
 MAv1 - Maximum RMS Average

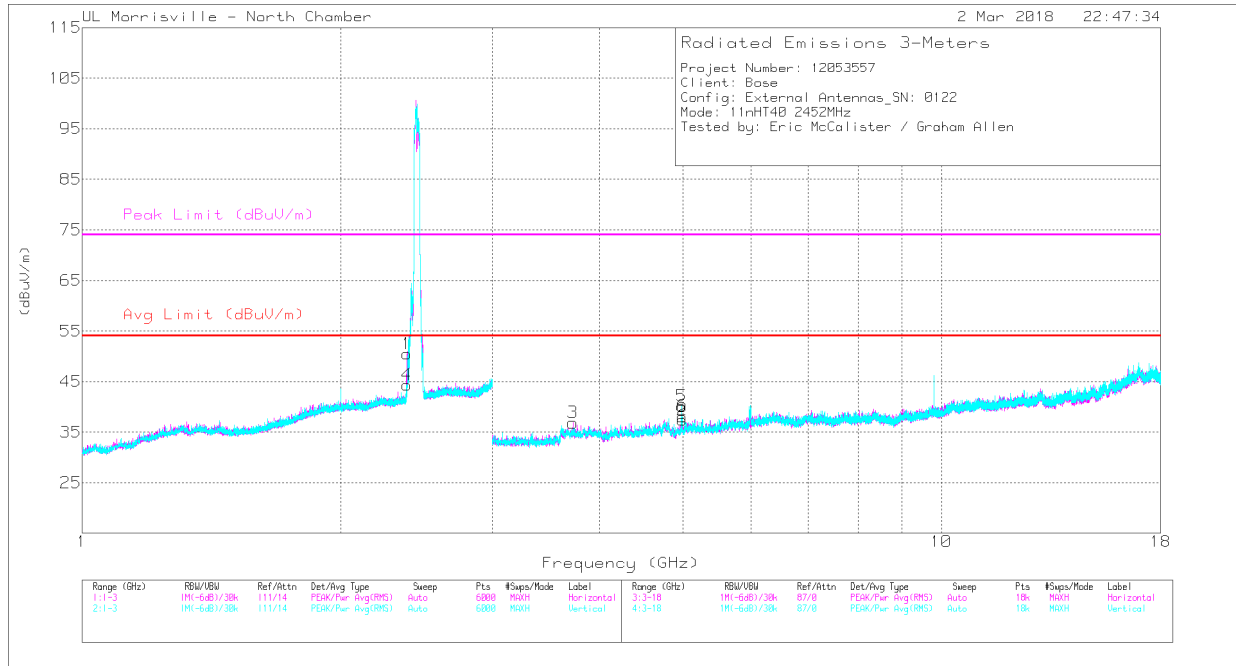
Mid Channel



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)	Azimuth (Degs)	Height (cm)	Polarity
1	*** 2.485	50.89	PK2	32.3	-23.8	0	59.39	-	-	74	-14.61	164	110	H
	*** 2.485	31.92	MAV1	32.3	-23.8	2.7	43.12	54	-10.88	-	-	164	110	H
2	*** 2.39	53.22	PK2	31.8	-23.9	0	61.12	-	-	74	-12.88	117	165	H
	*** 2.39	33.45	MAV1	31.8	-23.9	2.7	44.05	54	-9.95	-	-	117	165	H
4	*** 2.387	59.27	PK2	31.8	-23.9	0	67.17	-	-	74	-6.83	133	249	V
	*** 2.389	38.74	MAV1	31.8	-23.9	2.7	49.34	54	-4.66	-	-	133	249	V
5	*** 2.486	57.58	PK2	32.3	-23.8	0	66.08	-	-	74	-7.92	125	259	V
	*** 2.486	35.88	MAV1	32.3	-23.8	2.7	47.08	54	-6.92	-	-	125	259	V
3	*** 3.666	40.27	PK2	32.9	-31	0	42.17	-	-	74	-31.83	282	292	H
	*** 3.669	28.74	MAV1	33	-31.1	2.7	33.34	54	-20.66	-	-	282	292	H
6	*** 4.989	53.51	PK2	34.1	-32.2	0	55.41	-	-	74	-18.59	256	141	V
	*** 4.988	29.32	MAV1	34.1	-32.2	2.7	33.92	54	-20.08	-	-	256	141	V

\* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band  
 \*\* - indicates frequency in Taiwan NCC LP0002 Restricted Band  
 PK2 - Maximum Peak  
 MAV1 - Maximum RMS Average

**High Channel**

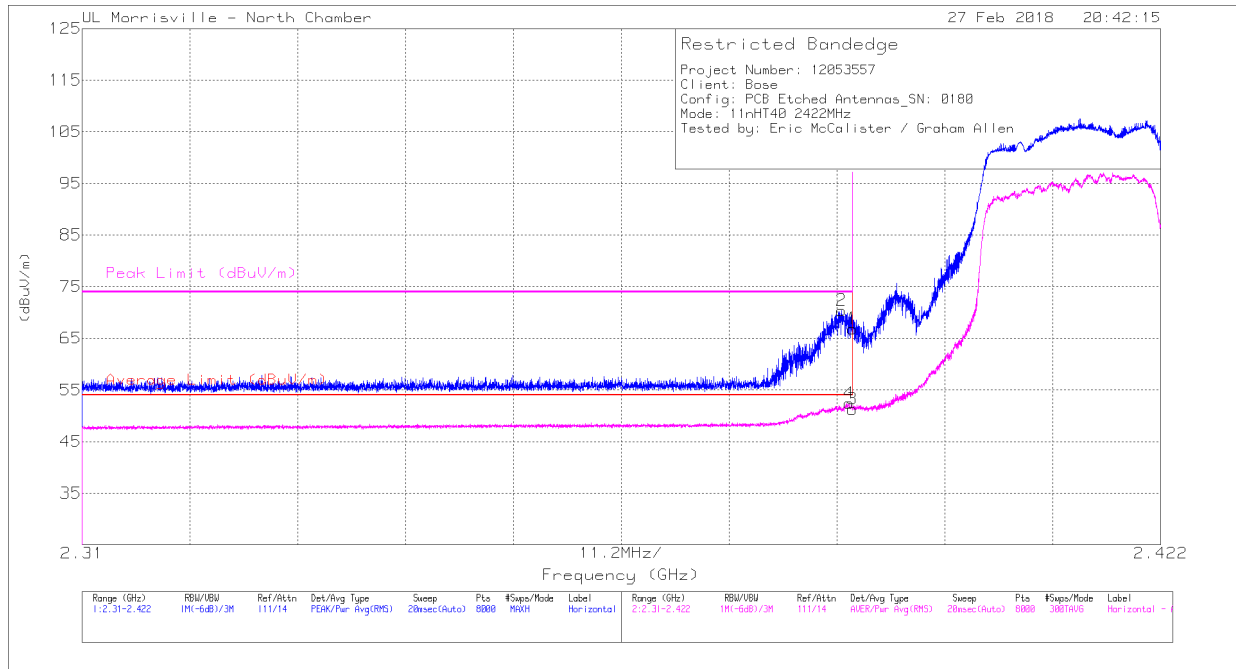


Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AT0072 AF (dB/m)	Amp/Cbl/Filtr/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* ** 2.39	52.42	PK2	31.8	-23.9	0	60.32	-	-	74	-13.68	299	260	H
	* ** 2.39	31.01	MAv1	31.8	-23.9	2.7	41.61	54	-12.39	-	-	299	260	H
2	* ** 4.988	45.16	PK2	34.1	-32.2	0	47.06	-	-	74	-26.94	243	249	H
	* ** 4.991	28.68	MAv1	34.1	-32.2	2.7	33.28	54	-20.72	-	-	243	249	H
3	* ** 3.726	41.11	PK2	33.3	-32.1	0	42.31	-	-	74	-31.69	155	154	H
	* ** 3.726	29.2	MAv1	33.3	-32.1	2.7	33.1	54	-20.9	-	-	155	154	H
4	* ** 2.389	58.28	PK2	31.8	-23.9	0	66.18	-	-	74	-7.82	135	277	V
	* ** 2.39	34.37	MAv1	31.8	-23.9	2.7	44.97	54	-9.03	-	-	135	277	V
5	* ** 4.98	41.57	PK2	34.1	-32.1	0	43.57	-	-	74	-30.43	246	110	V
	* ** 4.981	28.78	MAv1	34.1	-32.1	2.7	33.48	54	-20.52	-	-	246	110	V
6	* ** 4.998	52.28	PK2	34.1	-32.2	0	54.18	-	-	74	-19.82	262	199	V
	* ** 4.996	29.35	MAv1	34.1	-32.2	2.7	33.95	54	-20.05	-	-	262	199	V

\* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band  
 \*\* - indicates frequency in Taiwan NCC LP0002 Restricted Band  
 PK2 - Maximum Peak  
 MAv1 - Maximum RMS Average

**9.2.8. TX ABOVE 1 GHz - 802.11n HT40 MODE, PCB ANTENNA**

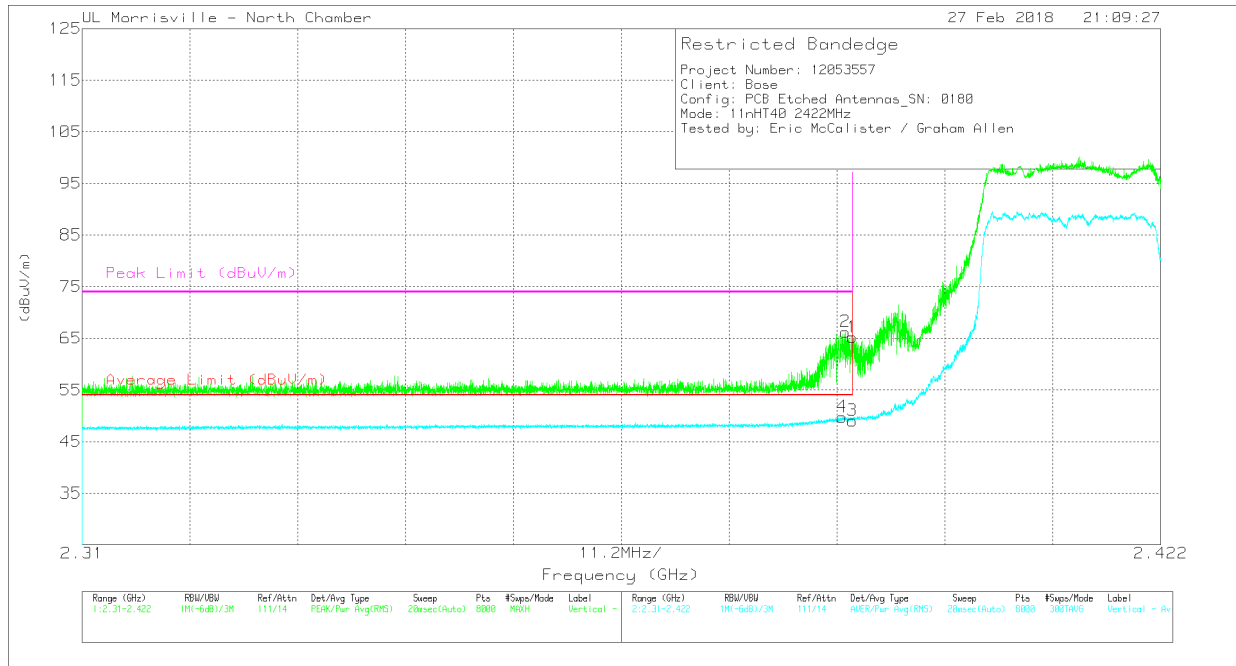
**RESTRICTED BANDEDGE (LOW CHANNEL, HORIZONTAL) MCS 0 2422MHZ**



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AT0072 AF (dB/m)	Amp/Cbl/Filtr/Pad (dB)	Pad (10dB)	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	* ** 2.39	48.97	Pk	31.8	-23.9	10	0	66.87	-	-	74	-7.13	281	300	H
2	* ** 2.389	52.51	Pk	31.8	-23.9	10	0	70.41	-	-	74	-3.59	281	300	H
3	* ** 2.39	30.68	RMS	31.8	-23.9	10	2.7	51.28	54	-2.72	-	-	281	300	H
4	* ** 2.39	31.81	RMS	31.8	-23.9	10	2.7	52.41	54	-1.59	-	-	281	300	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) MCS 0 2422MHZ**



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AT0072 AF (dB/m)	Amp/Cbl/Fitr/Pad (dB)	Pad (10dB)	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	* ** 2.39	47.33	PK	31.8	-23.9	10	0	65.23	-	-	74	-8.77	156	305	V
2	* ** 2.389	48.36	PK	31.8	-23.9	10	0	66.26	-	-	74	-7.74	156	305	V
3	* ** 2.39	28.46	RMS	31.8	-23.9	10	2.7	49.06	54	-4.94	-	-	156	305	V
4	* ** 2.389	29.18	RMS	31.8	-23.9	10	2.7	49.78	54	-4.22	-	-	156	305	V

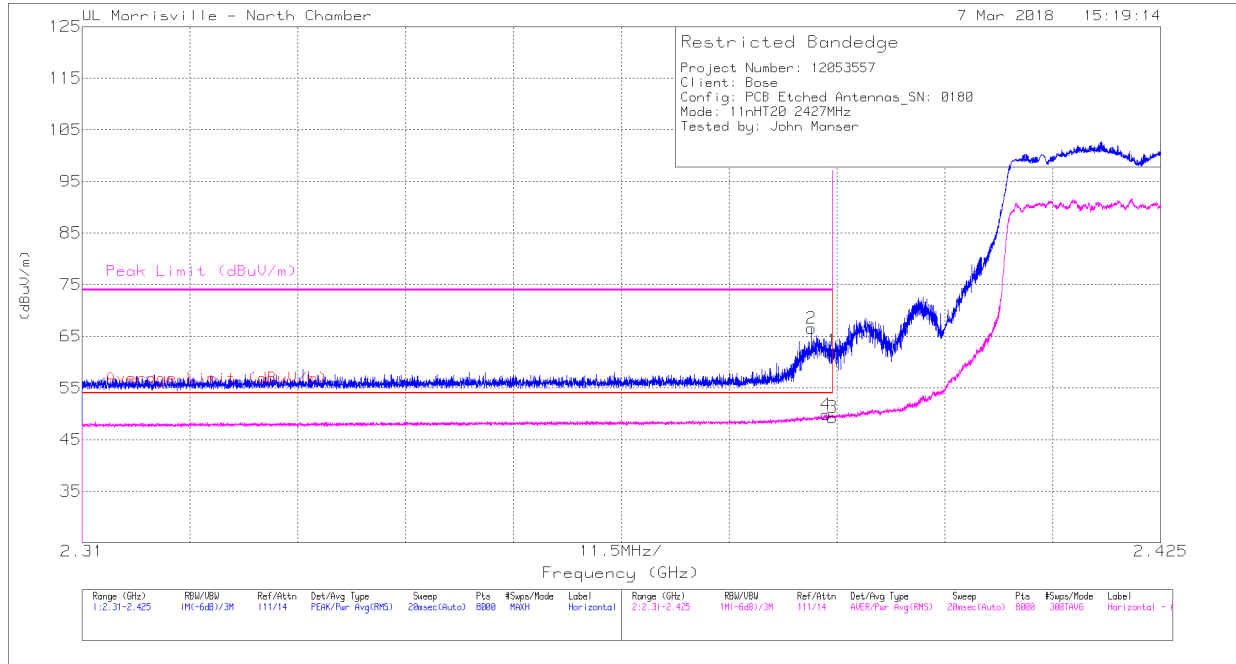
\* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

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

PK - Peak detector

RMS - RMS detection

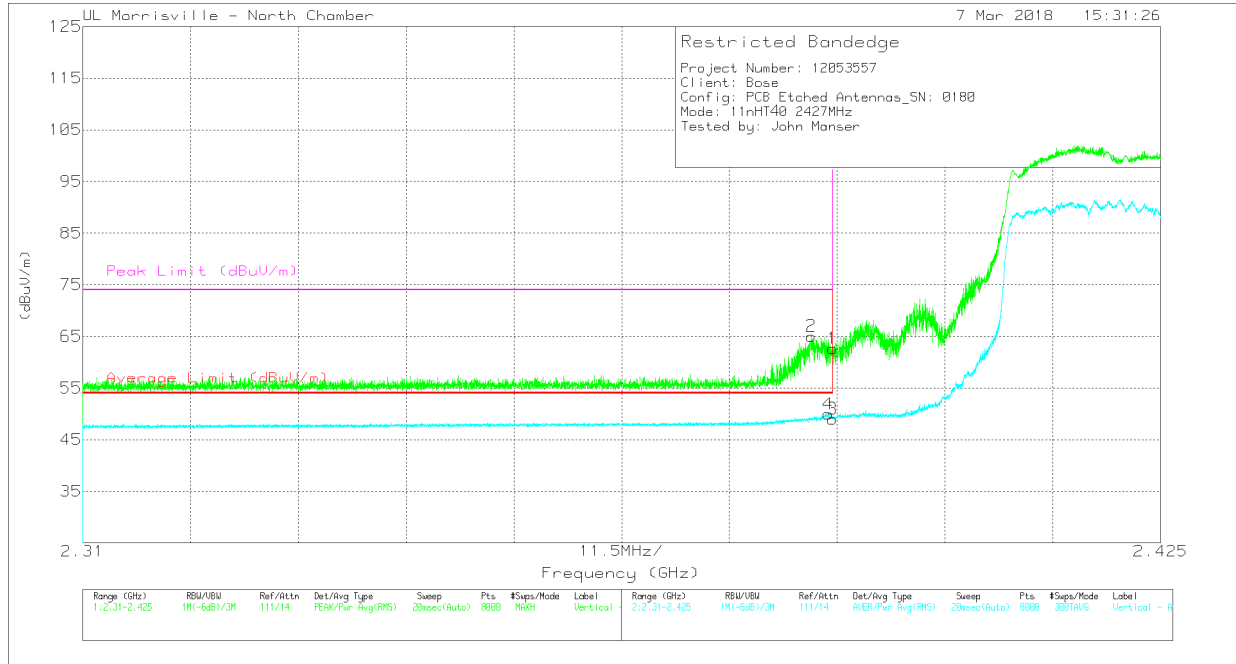
**RESTRICTED BANDEDGE (LOW CHANNEL, HORIZONTAL) MCS 0 2427MHz**



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AT0072 AF (dB/m)	Amp/Cbl/Fitr/Pad (dB)	Pad (10dB)	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	* ** 2.39	44.29	PK	31.8	-23.9	10	0	62.19	-	-	74	-11.81	20	373	H
2	* ** 2.388	48.68	PK	31.8	-23.9	10	0	66.58	-	-	74	-7.42	20	373	H
3	* ** 2.39	28.68	RMS	31.8	-23.9	10	2.7	49.28	54	-4.72	-	-	20	373	H
4	* ** 2.389	29.24	RMS	31.8	-23.9	10	2.7	49.84	54	-4.16	-	-	20	373	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) MCS 0 2427MHZ**

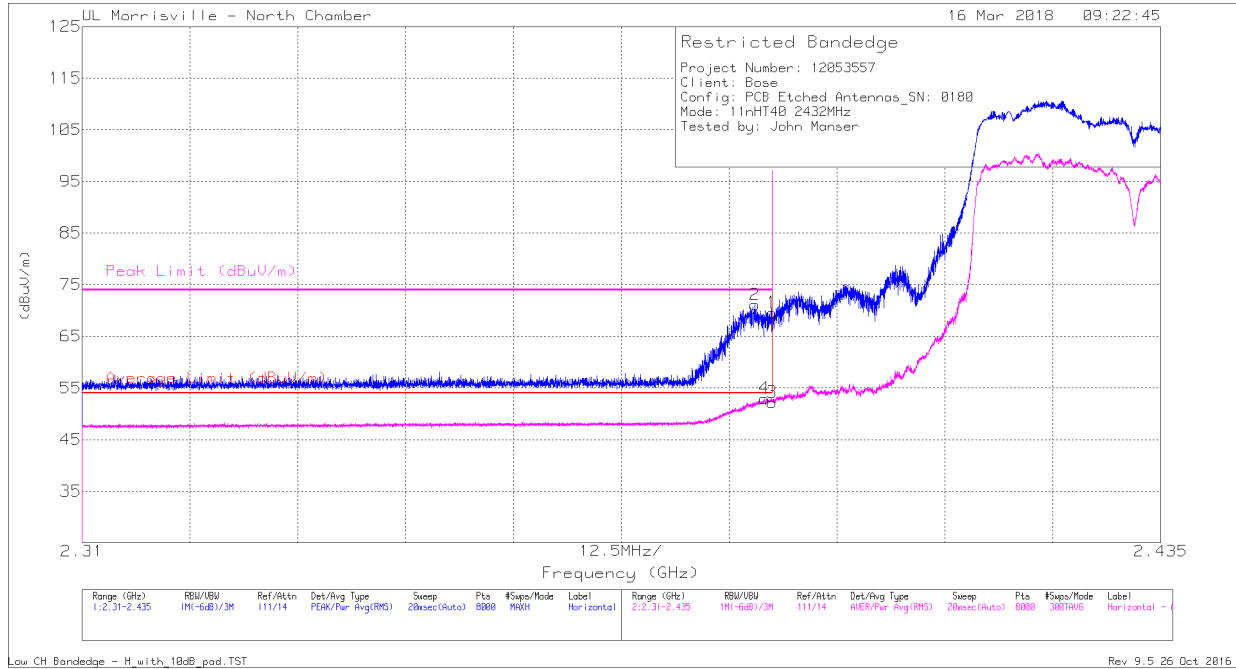


Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AT0072 AF (dB/m)	Amp/Cbl/Fitr/Pad (dB)	Pad (10dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* ** 2.39	44.75	PK	31.8	-23.9	10	0	62.65	-	-	74	-11.35	209	321	V
2	* ** 2.388	47.13	PK	31.8	-23.9	10	0	65.03	-	-	74	-8.97	209	321	V
3	* ** 2.39	28.4	RMS	31.8	-23.9	10	2.7	49.97	54	-5	-	-	209	321	V
4	* ** 2.39	29.37	RMS	31.8	-23.9	10	2.7	49.97	54	-4.03	-	-	209	321	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



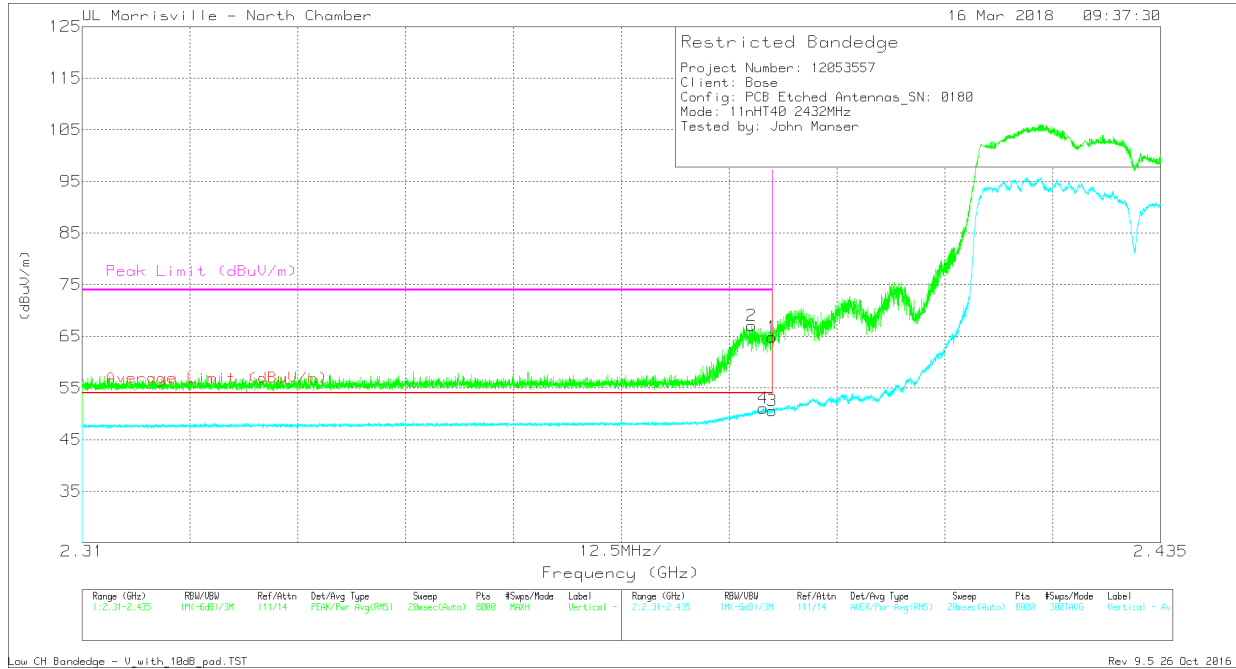
**RESTRICTED BANDEDGE (LOW CHANNEL, HORIZONTAL) MCS 0 2432MHz**



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AT0072 AF (dB/m)	Amp/Cbl/Fitr/Pad (dB)	Pad (10dB)	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	*** 2.39	51.66	PK	31.8	-23.9	10	0	69.56	-	-	74	-4.44	258	310	H
2	*** 2.388	53.23	PK	31.8	-23.9	10	0	71.13	-	-	74	-2.87	258	310	H
3	*** 2.39	31.63	RMS	31.8	-23.9	10	2.7	52.23	54	-1.77	-	-	258	310	H
4	*** 2.389	32.38	RMS	31.8	-23.9	10	2.7	52.98	54	-1.02	-	-	258	310	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

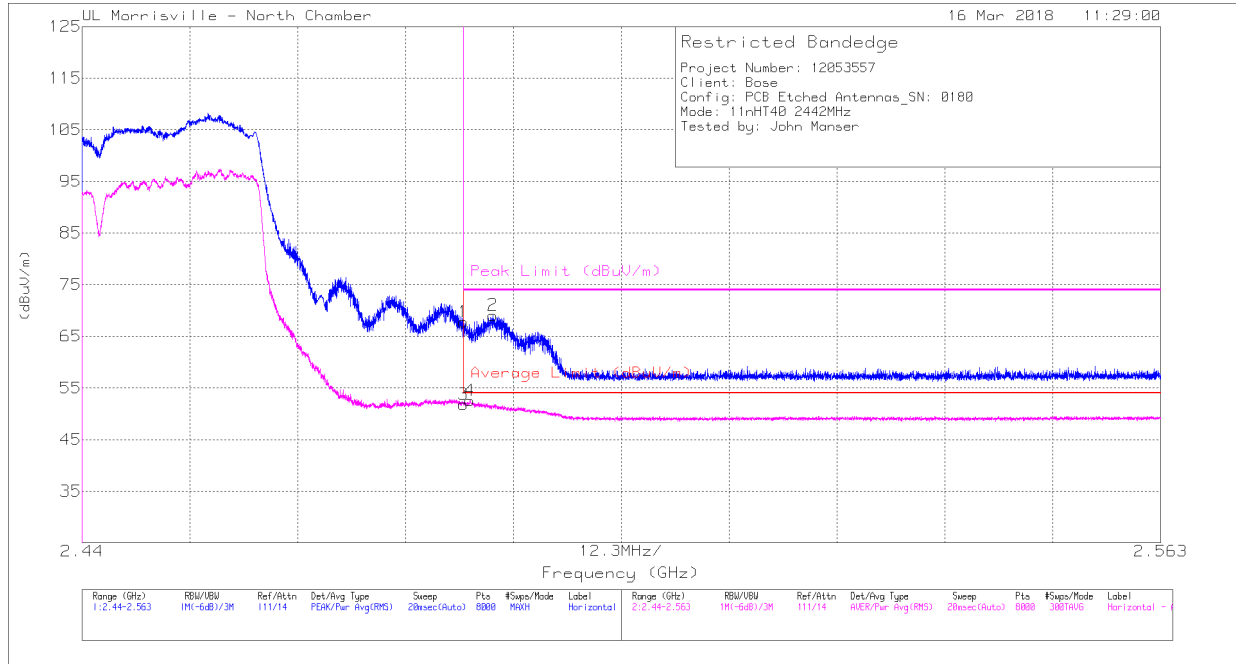
**RESTRICTED BANDEDGE (LOW CHANNEL, VERTICAL) MCS 0 2432MHz**



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AT0072 AF (dB/m)	Amp/Cbl/Fitr/Pad (dB)	Pad (10dB)	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	* ** 2.39	46.97	PK	31.8	-23.9	10	0	64.87	-	-	74	-9.13	232	251	V
2	* ** 2.388	49.12	PK	31.8	-23.9	10	0	67.02	-	-	74	-6.98	232	251	V
3	* ** 2.39	29.98	RMS	31.8	-23.9	10	2.7	50.58	54	-3.42	-	-	232	251	V
4	* ** 2.389	30.44	RMS	31.8	-23.9	10	2.7	51.04	54	-2.96	-	-	232	251	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

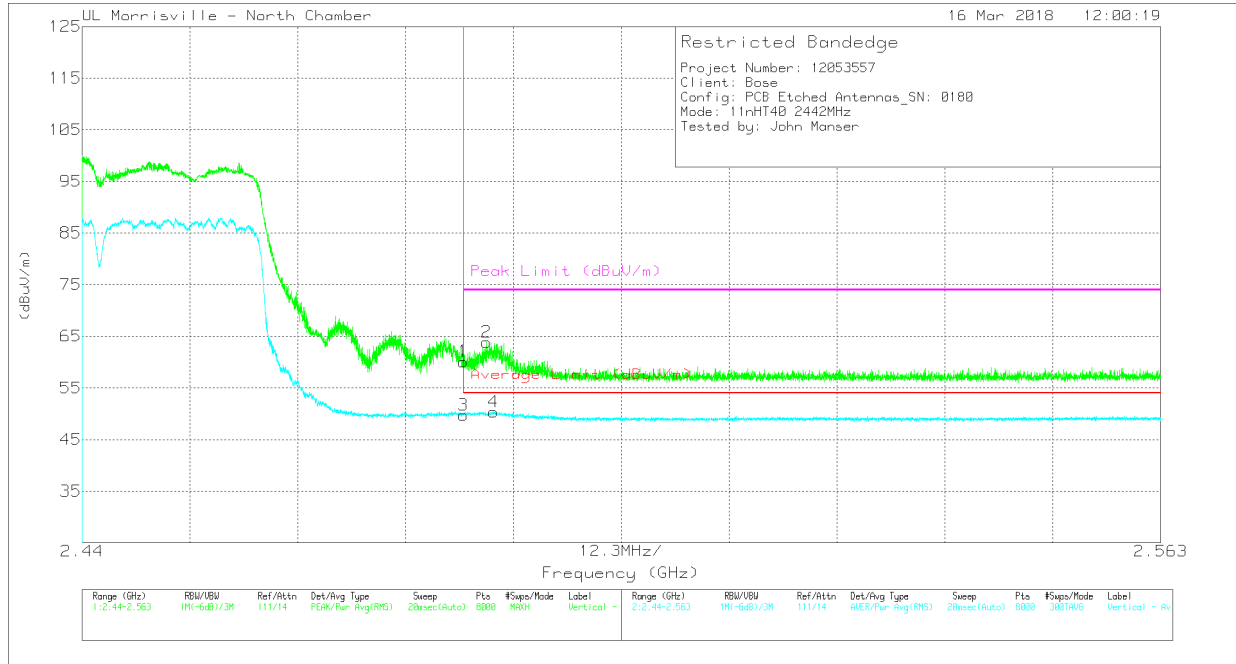
**AUTHORIZED BANDEDGE (HIGH CHANNEL, HORIZONTAL) MCS 0 2442MHZ**



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AT0072 AF (dB/m)	Amp/Cbl/Fitr/Pad (dB)	Pad (10dB)	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	*** 2.484	49.3	PK	32.3	-23.8	10	0	67.8	-	-	74	-6.2	266	316	H
2	*** 2.487	50.58	PK	32.3	-23.8	10	0	69.08	-	-	74	-4.92	266	316	H
3	*** 2.484	30.59	RMS	32.3	-23.8	10	2.7	51.79	54	-2.21	-	-	266	316	H
4	*** 2.484	31.33	RMS	32.3	-23.8	10	2.7	52.53	54	-1.47	-	-	266	316	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

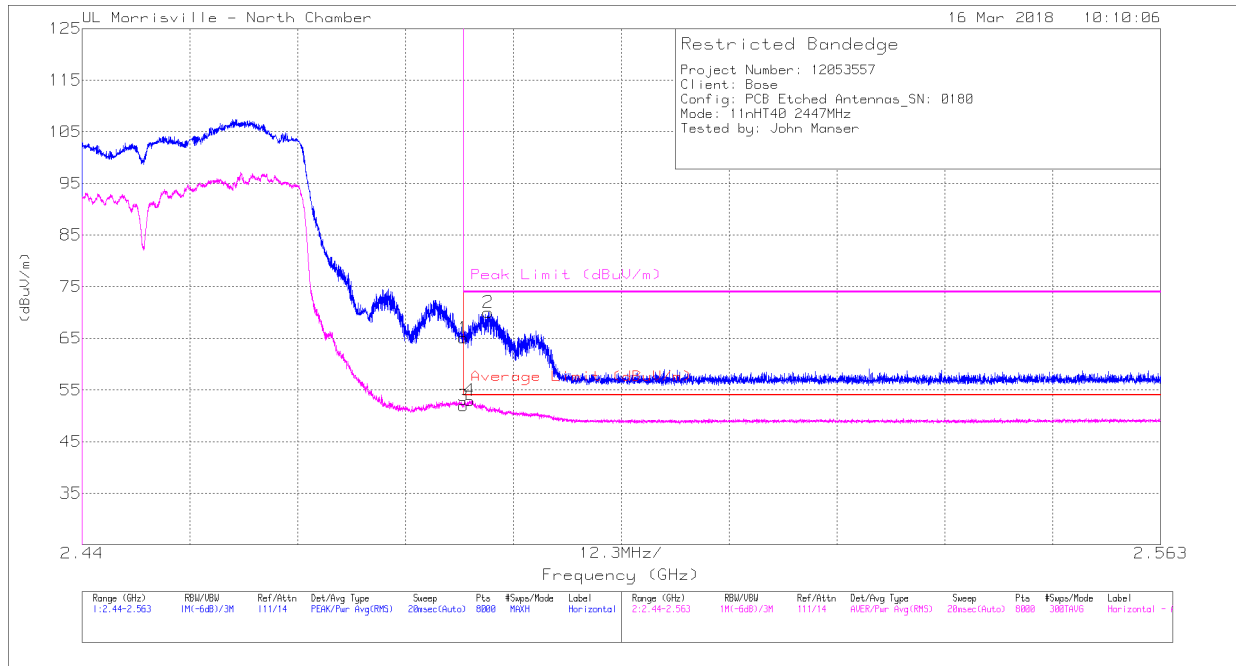
**AUTHORIZED BANDEDGE (HIGH CHANNEL, VERTICAL) MCS 0 2442MHz**



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AT0072 AF (dB/m)	Amp/Cbl/Fitr/Pad (dB)	Pad (10dB)	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	*** 2.484	41.6	PK	32.3	-23.8	10	0	60.1	-	-	74	-13.9	93	364	V
2	*** 2.486	45.34	PK	32.3	-23.8	10	0	63.84	-	-	74	-10.16	93	364	V
3	*** 2.484	28.51	RMS	32.3	-23.8	10	2.7	49.71	54	-4.29	-	-	93	364	V
4	*** 2.487	29.12	RMS	32.3	-23.8	10	2.7	50.32	54	-3.68	-	-	93	364	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) MCS 0 2447MHZ**



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AT0072 AF (dB/m)	Amp/Cbl/Filtr/Pad (dB)	Pad (10dB)	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	* ** 2.484	46.58	Pk	32.3	-23.8	10	0	65.08	-	-	74	-8.92	264	370	H
2	* ** 2.486	51.54	Pk	32.3	-23.8	10	0	70.04	-	-	74	-3.96	264	370	H
3	* ** 2.484	30.73	RMS	32.3	-23.8	10	2.7	51.93	54	-2.07	-	-	264	370	H
4	* ** 2.484	31.78	RMS	32.3	-23.8	10	2.7	52.98	54	-1.02	-	-	264	370	H

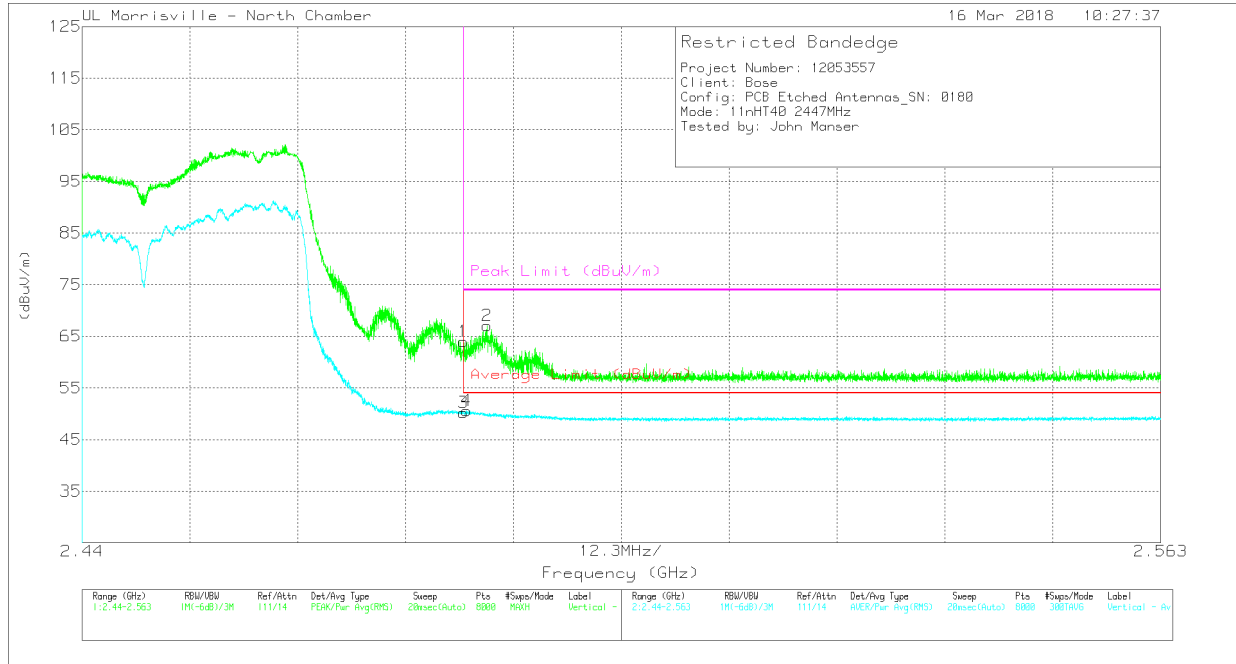
\* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

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

Pk - Peak detector

RMS - RMS detection

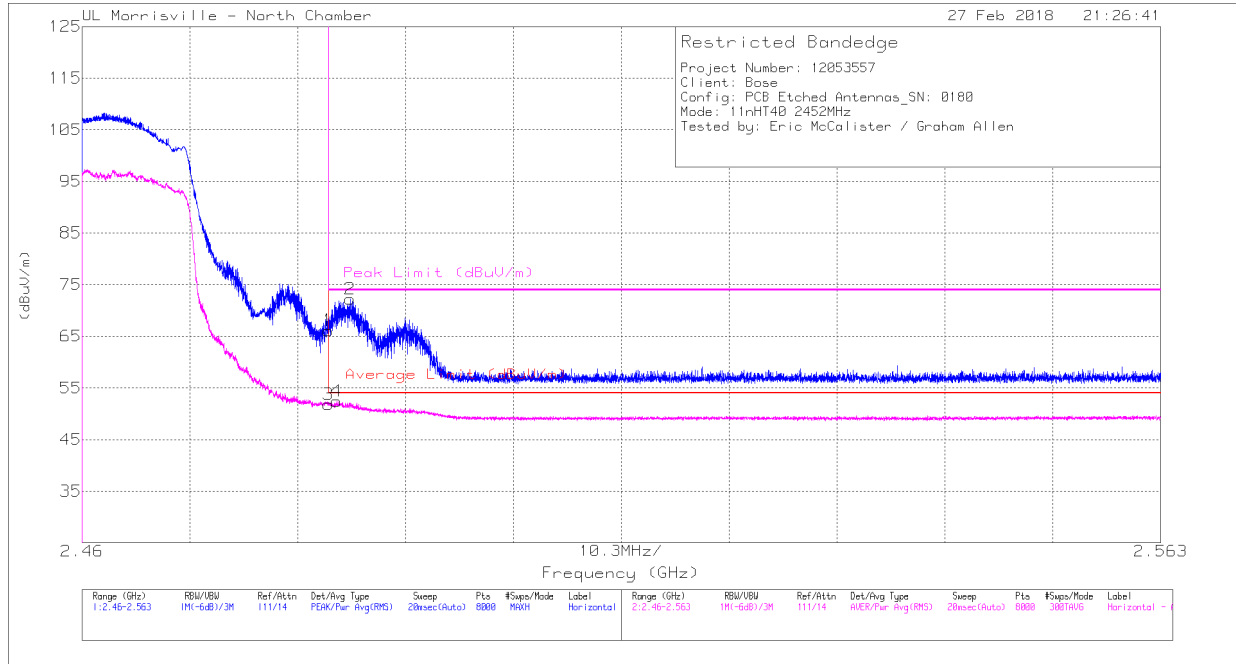
**AUTHORIZED BANDEDGE (HIGH CHANNEL, VERTICAL) MCS 0 2447MHz**



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AT0072 AF (dB/m)	Amp/Cbl/Fitr/Pad (dB)	Pad (10dB)	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	* ** 2.484	45.45	PK	32.3	-23.8	10	0	63.95	-	-	74	-10.05	229	372	V
2	* ** 2.486	48.52	PK	32.3	-23.8	10	0	67.02	-	-	74	-6.98	229	372	V
3	* ** 2.484	29.01	RMS	32.3	-23.8	10	2.7	50.21	54	-3.79	-	-	229	372	V
4	* ** 2.484	29.36	RMS	32.3	-23.8	10	2.7	50.56	54	-3.44	-	-	229	372	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) MCS 0 2452MHZ**



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AT0072 AF (dB/m)	Amp/Cbl/Fitr/Pad (dB)	Pad (10dB)	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	*** 2.484	47.63	PK	32.3	-23.8	10	0	66.13	-	-	74	-7.87	282	283	H
2	*** 2.486	53.74	PK	32.3	-23.8	10	0	72.24	-	-	74	-1.76	282	283	H
3	*** 2.484	30.61	RMS	32.3	-23.8	10	2.7	51.81	54	-2.19	-	-	282	283	H
4	*** 2.484	31.2	RMS	32.3	-23.8	10	2.7	52.4	54	-1.6	-	-	282	283	H

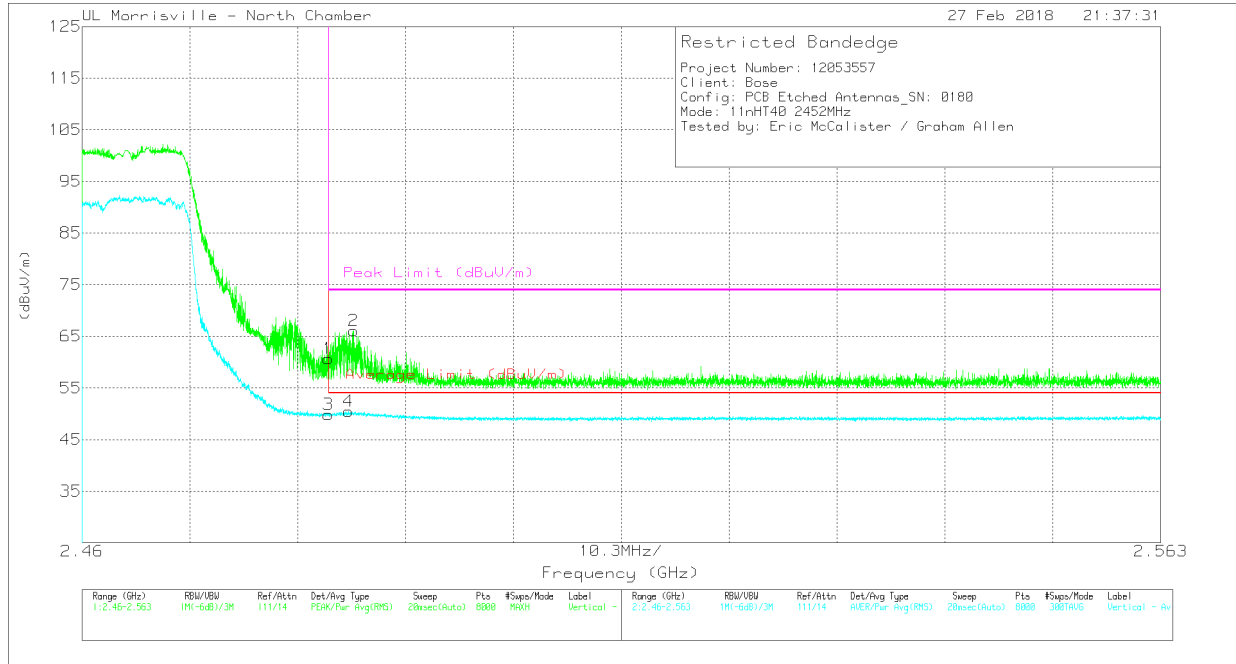
\* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

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

PK - Peak detector

RMS - RMS detection

**AUTHORIZED BANDEDGE (HIGH CHANNEL, VERTICAL) MCS 0 2452MHz**



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AT0072 AF (dB/m)	Amp/Cbl/Fitr/Pad (dB)	Pad (10dB)	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	*** 2.484	42.18	PK	32.3	-23.8	10	0	60.68	-	-	74	-13.32	93	371	V
2	*** 2.486	47.6	PK	32.3	-23.8	10	0	66.1	-	-	74	-7.9	93	371	V
3	*** 2.484	28.61	RMS	32.3	-23.8	10	2.7	49.81	54	-4.19	-	-	93	371	V
4	*** 2.485	29.28	RMS	32.3	-23.8	10	2.7	50.48	54	-3.52	-	-	93	371	V

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

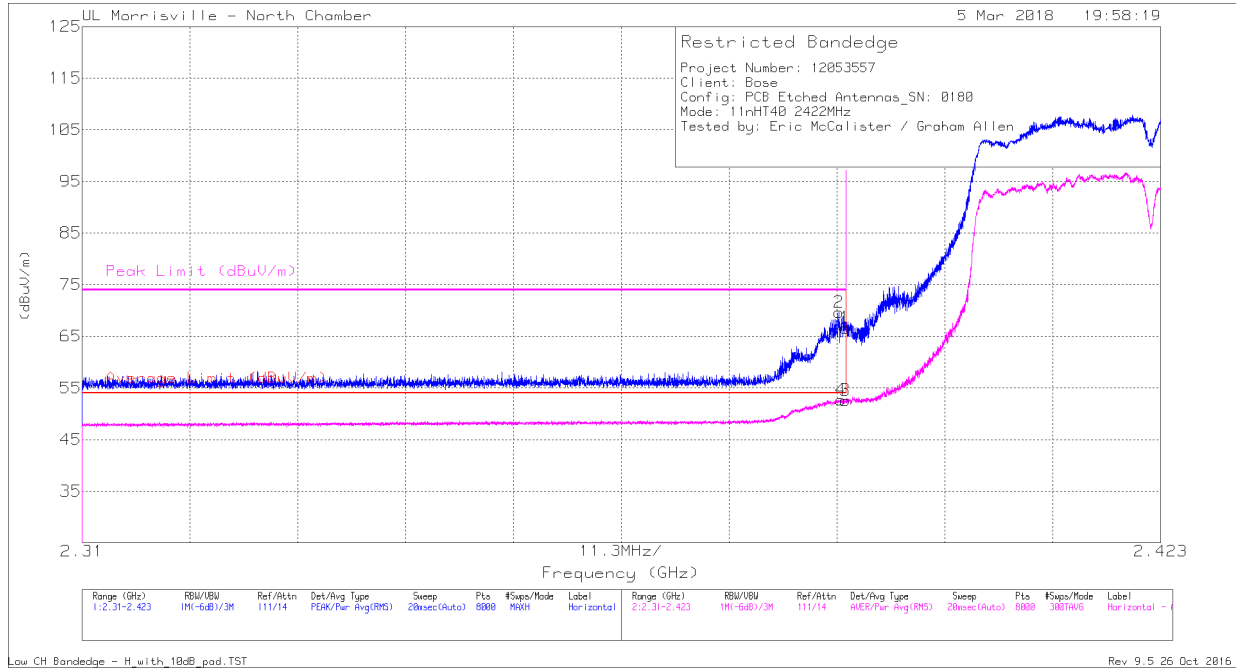
\*\* - indicates frequency in Taiwan NCC LP0002 Restricted Band

PK - Peak detector

RMS - RMS detection



**RESTRICTED BANDEDGE (LOW CHANNEL, HORIZONTAL) MCS 7 2422MHz**



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AT0072 AF (dB/m)	Amp/Cbl/Fitr/Pad (dB)	Pad (10dB)	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	* ** 2.39	48.71	PK	31.8	-23.9	10	0	66.61	-	-	74	-7.39	283	297	H
2	* ** 2.389	51.77	PK	31.8	-23.9	10	0	69.67	-	-	74	-4.33	283	297	H
3	* ** 2.39	32	RMS	31.8	-23.9	10	2.7	52.6	54	-1.4	-	-	283	297	H
4	* ** 2.389	32.1	RMS	31.8	-23.9	10	2.7	52.7	54	-1.3	-	-	283	297	H

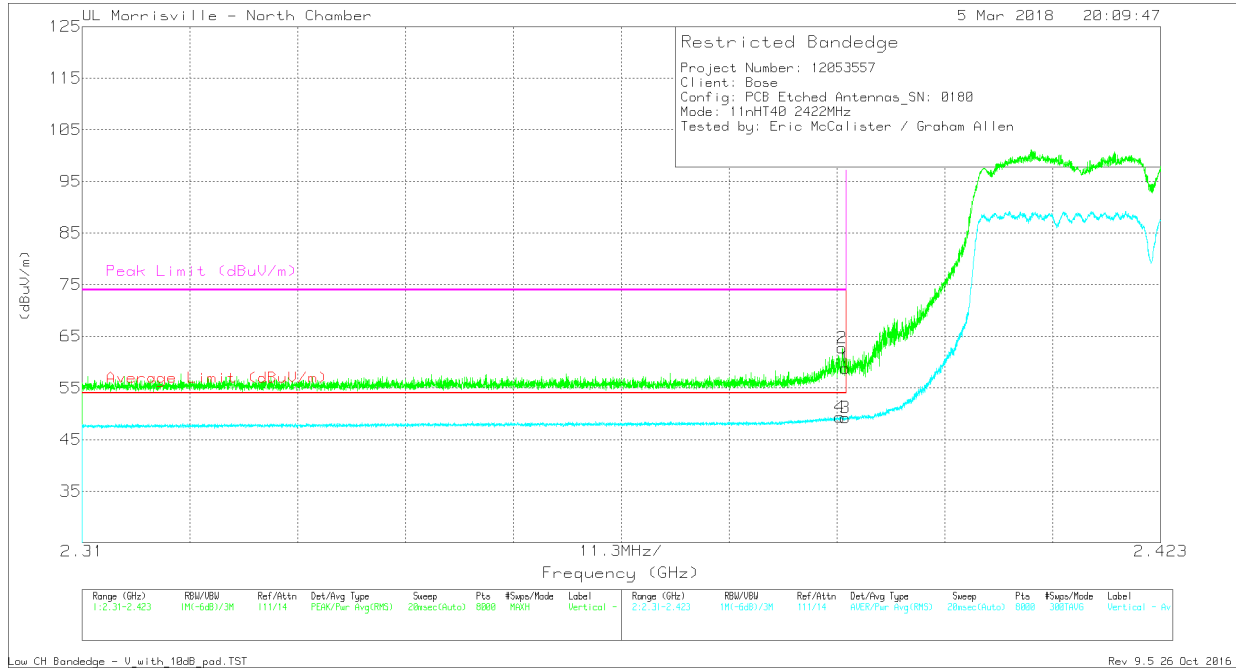
\* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

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

PK - Peak detector

RMS - RMS detection

**RESTRICTED BANDEGE (LOW CHANNEL, VERTICAL) MCS 7 2422MHZ**



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AT0072 AF (dB/m)	Amp/Cbl/Fitr/Pad (dB)	Pad (10dB)	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	* ** 2.39	40.95	Pk	31.8	-23.9	10	0	58.85	-	-	74	-15.15	82	389	V
2	* ** 2.39	44.82	Pk	31.8	-23.9	10	0	62.72	-	-	74	-11.28	82	389	V
3	* ** 2.39	28.64	RMS	31.8	-23.9	10	2.7	49.24	54	-4.76	-	-	82	389	V
4	* ** 2.389	28.79	RMS	31.8	-23.9	10	2.7	49.39	54	-4.61	-	-	82	389	V

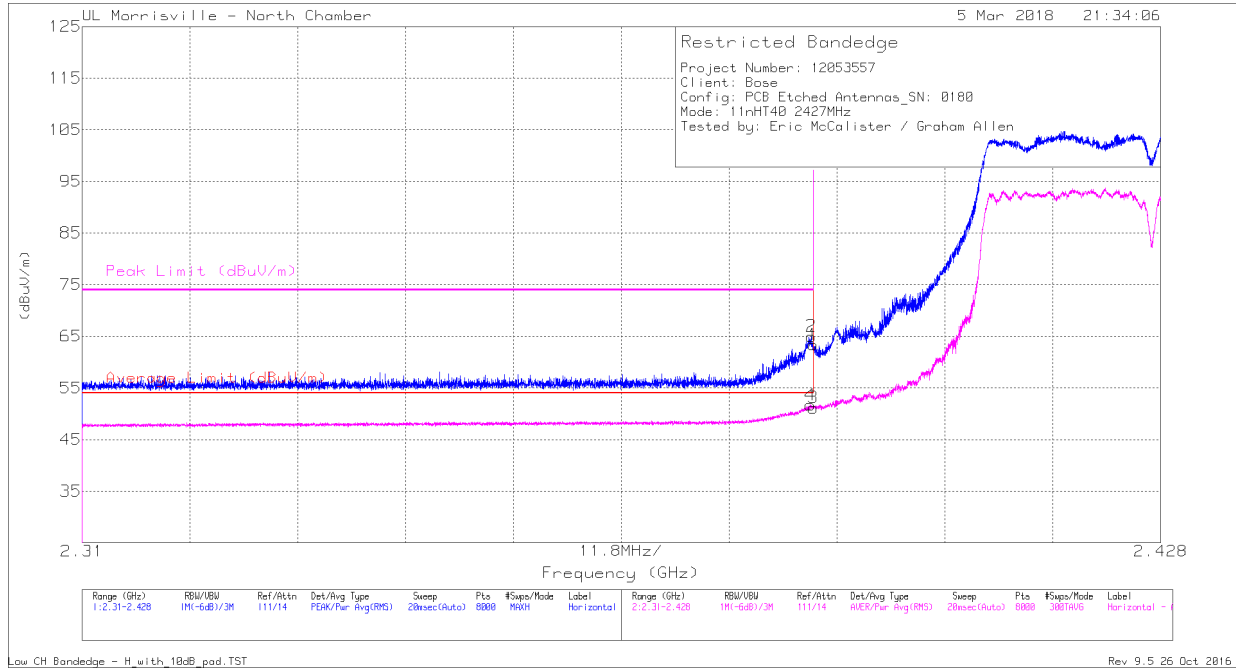
\* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

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

Pk - Peak detector

RMS - RMS detection

**RESTRICTED BANDEGE (LOW CHANNEL, HORIZONTAL) MCS 7 2427MHz**



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AT0072 AF (dB/m)	Amp/Cbl/Fitr/Pad (dB)	Pad (10dB)	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	* ** 2.39	45.46	Pk	31.8	-23.9	10	0	63.36	-	-	74	-10.64	54	388	H
2	* ** 2.39	47.11	Pk	31.8	-23.9	10	0	65.01	-	-	74	-8.99	54	388	H
3	* ** 2.39	30.55	RMS	31.8	-23.9	10	2.7	51.15	54	-2.85	-	-	54	388	H
4	* ** 2.39	31.12	RMS	31.8	-23.9	10	2.7	51.72	54	-2.28	-	-	54	388	H

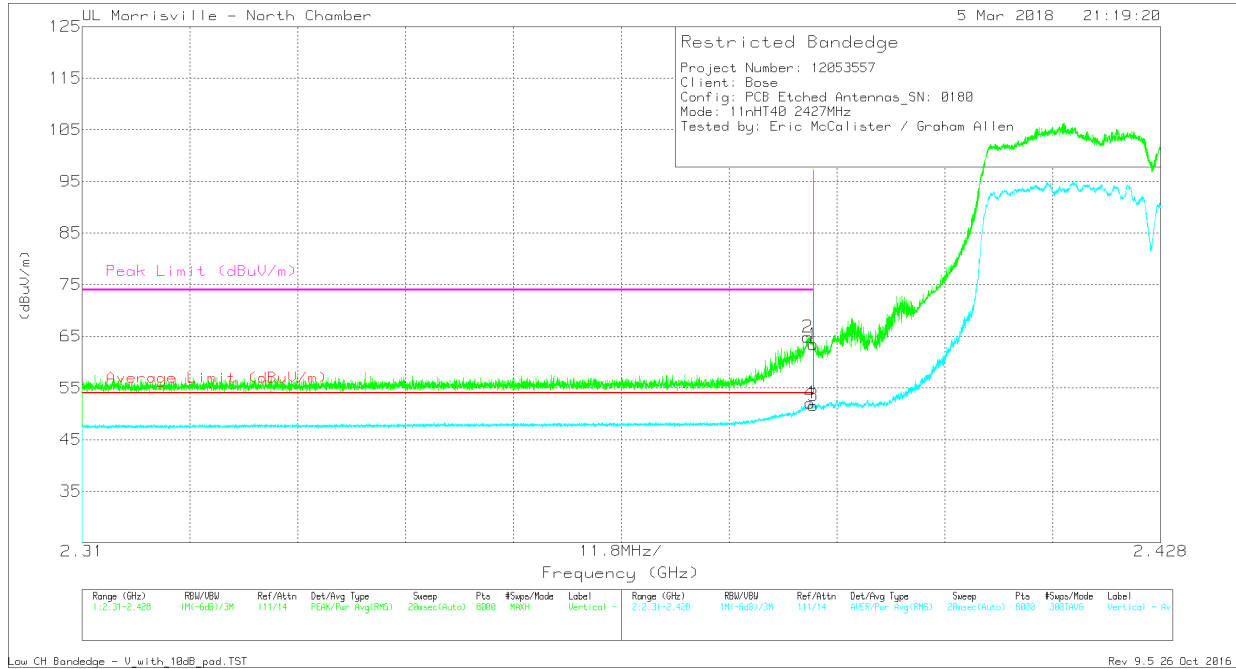
\* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

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

Pk - Peak detector

RMS - RMS detection

**RESTRICTED BANDEDGE (LOW CHANNEL, VERTICAL) MCS 7 2427MHZ**



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AT0072 AF (dB/m)	Amp/Cbl/Fitr/Pad (dB)	Pad (10dB)	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	* ** 2.39	45.55	Pk	31.8	-23.9	10	0	63.45	-	-	74	-10.55	262	388	V
2	* ** 2.389	46.98	Pk	31.8	-23.9	10	0	64.88	-	-	74	-9.12	262	388	V
3	* ** 2.39	31.02	RMS	31.8	-23.9	10	2.7	51.62	54	-2.38	-	-	262	388	V
4	* ** 2.39	31.51	RMS	31.8	-23.9	10	2.7	52.11	54	-1.89	-	-	262	388	V

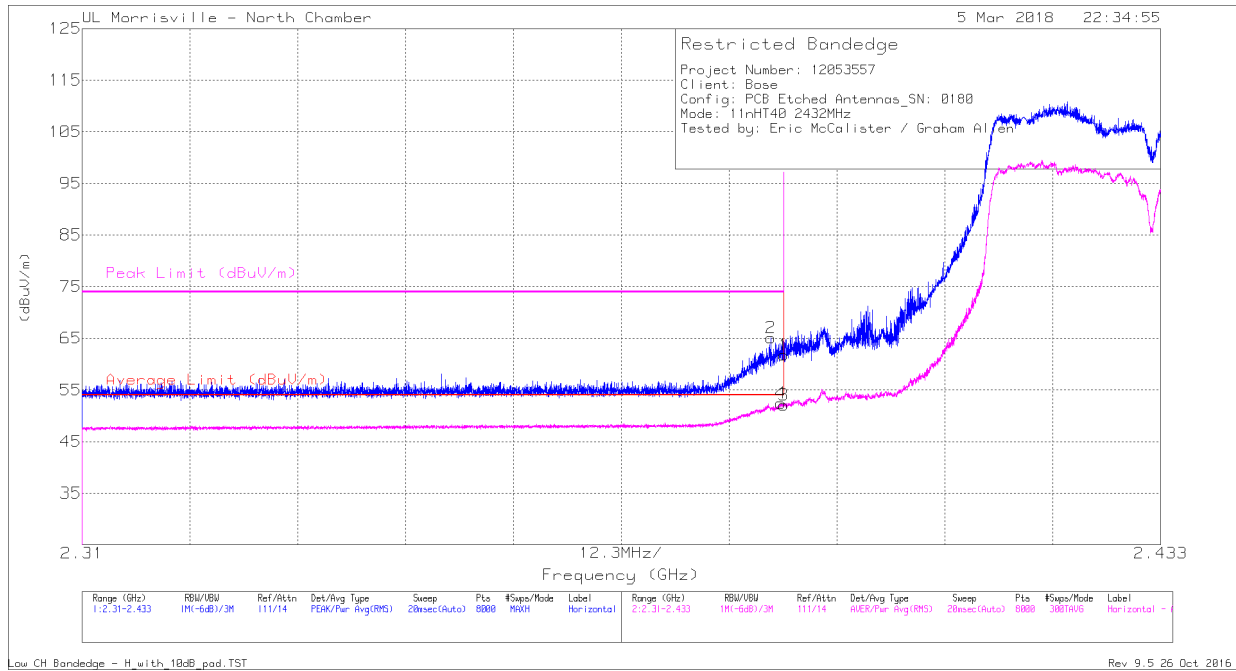
\* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

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

Pk - Peak detector

RMS - RMS detection

**RESTRICTED BANDEDGE (LOW CHANNEL, HORIZONTAL) MCS 7 2432MHz**



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AT0072 AF (dB/m)	Amp/Cbl/Fitr/Pad (dB)	Pad (10dB)	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	* ** 2.39	43.86	Pk	31.8	-23.9	10	0	61.76	-	-	74	-12.24	255	341	H
2	* ** 2.389	47.2	Pk	31.8	-23.9	10	0	65.1	-	-	74	-8.9	255	341	H
3	* ** 2.39	31.45	RMS	31.8	-23.9	10	2.7	52.05	54	-1.95	-	-	255	341	H
4	* ** 2.39	31.83	RMS	31.8	-23.9	10	2.7	52.43	54	-1.57	-	-	255	341	H

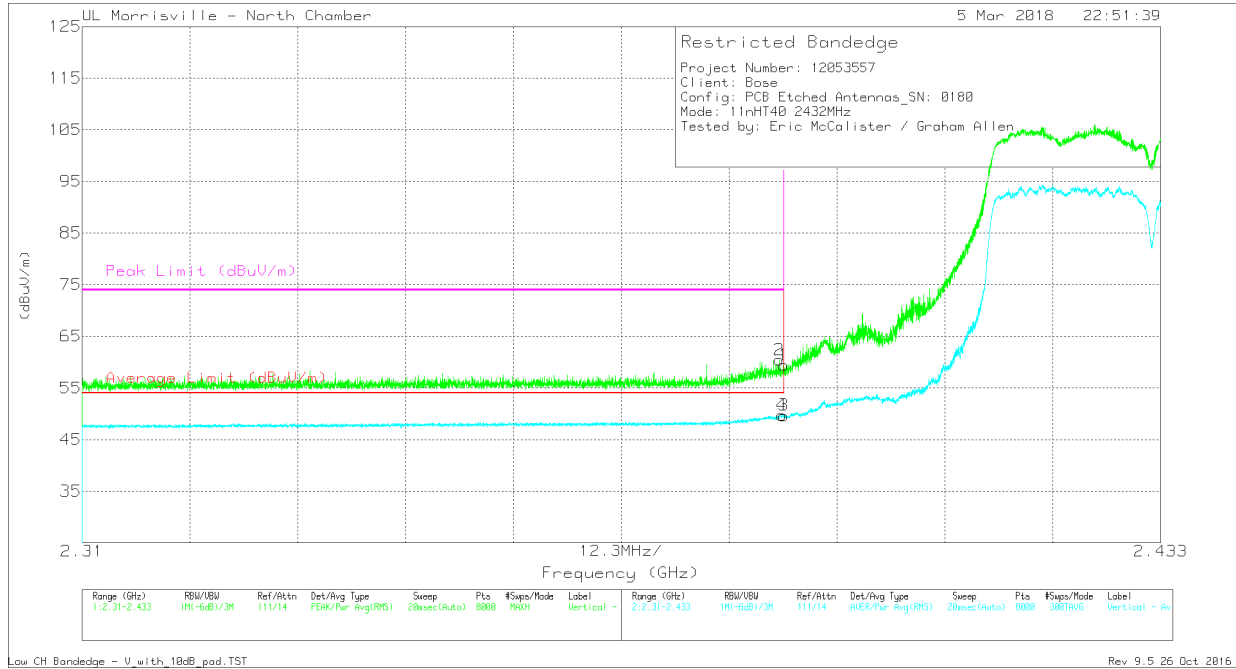
\* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

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

Pk - Peak detector

RMS - RMS detection

**RESTRICTED BANDEDGE (LOW CHANNEL, VERTICAL) MCS 7 2432MHz**



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AT0072 AF (dB/m)	Amp/Cbl/Fitr/Pad (dB)	Pad (10dB)	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	* ** 2.39	41.55	PK	31.8	-23.9	10	0	59.45	-	-	74	-14.55	204	398	V
2	* ** 2.39	42.54	PK	31.8	-23.9	10	0	60.44	-	-	74	-13.56	204	398	V
3	* ** 2.39	29.07	RMS	31.8	-23.9	10	2.7	49.67	54	-4.33	-	-	204	398	V
4	* ** 2.39	29.13	RMS	31.8	-23.9	10	2.7	49.73	54	-4.27	-	-	204	398	V

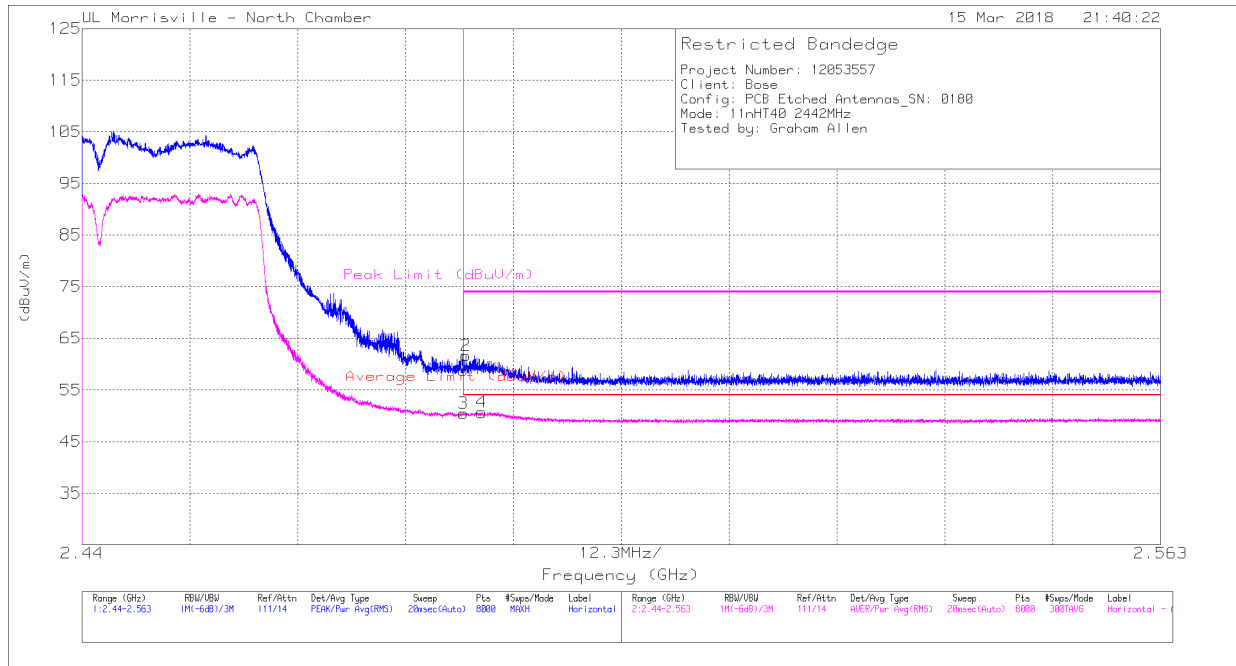
\* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

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

PK - Peak detector

RMS - RMS detection

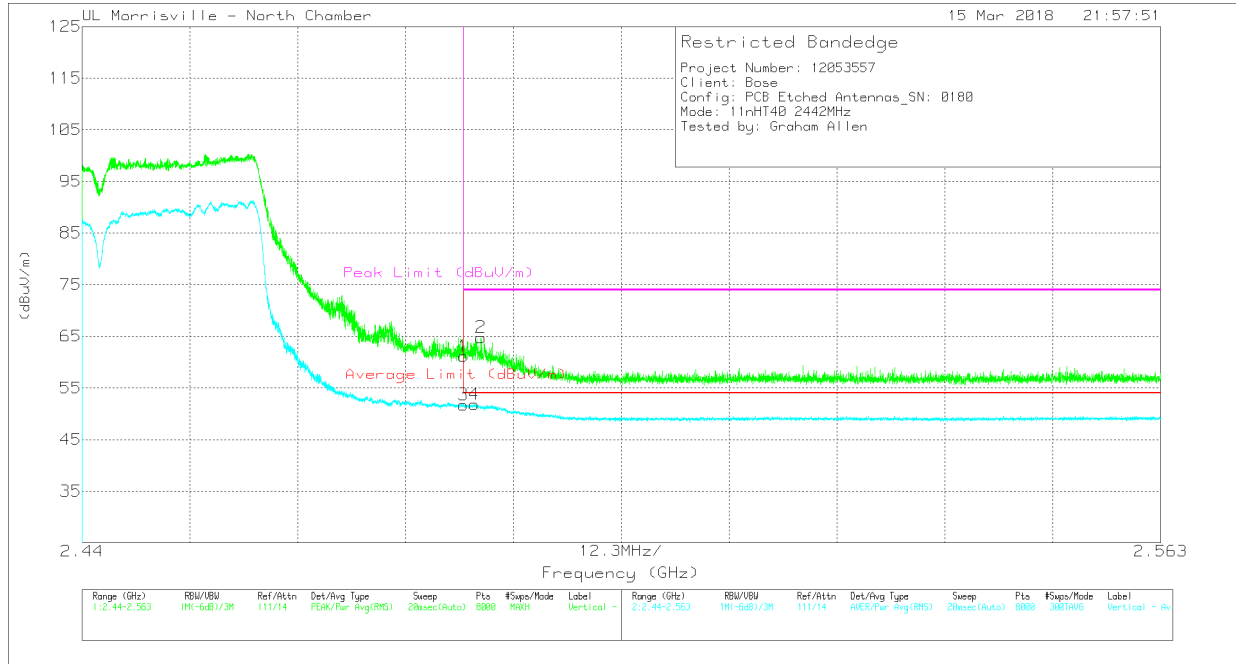
**AUTHORIZED BANDEDGE (HIGH CHANNEL, HORIZONTAL) MCS 7 2442MHZ**



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AT0072 AF (dB/m)	Amp/Cbl/Fitr/Pad (dB)	Pad (10dB)	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	* ** 2.484	40.34	PK	32.3	-23.8	10	0	58.84	-	-	74	-15.16	58	387	H
2	* ** 2.484	43.14	PK	32.3	-23.8	10	0	61.64	-	-	74	-12.36	58	387	H
3	* ** 2.484	29.23	RMS	32.3	-23.8	10	2.7	50.43	54	-3.57	-	-	58	387	H
4	* ** 2.486	29.46	RMS	32.3	-23.8	10	2.7	50.66	54	-3.34	-	-	58	387	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) MCS 7 2442MHz**



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AT0072 AF (dB/m)	Amp/Cbl/Fitr/Pad (dB)	Pad (10dB)	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	*** 2.484	42.67	PK	32.3	-23.8	10	0	61.17	-	-	74	-12.83	149	377	V
2	*** 2.485	46.27	PK	32.3	-23.8	10	0	64.77	-	-	74	-9.23	149	377	V
3	*** 2.484	30.54	RMS	32.3	-23.8	10	2.7	51.74	54	-2.26	-	-	149	377	V
4	*** 2.485	30.64	RMS	32.3	-23.8	10	2.7	51.84	54	-2.16	-	-	149	377	V

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

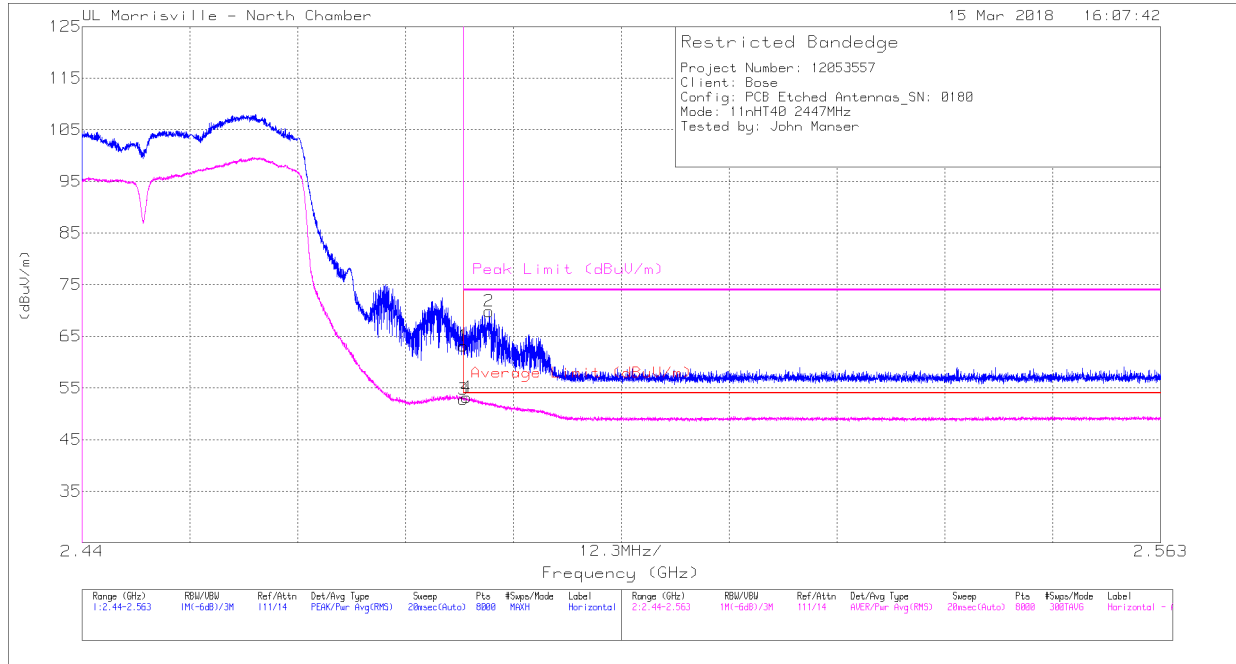
\*\* - indicates frequency in Taiwan NCC LP0002 Restricted Band

PK - Peak detector

RMS - RMS detection



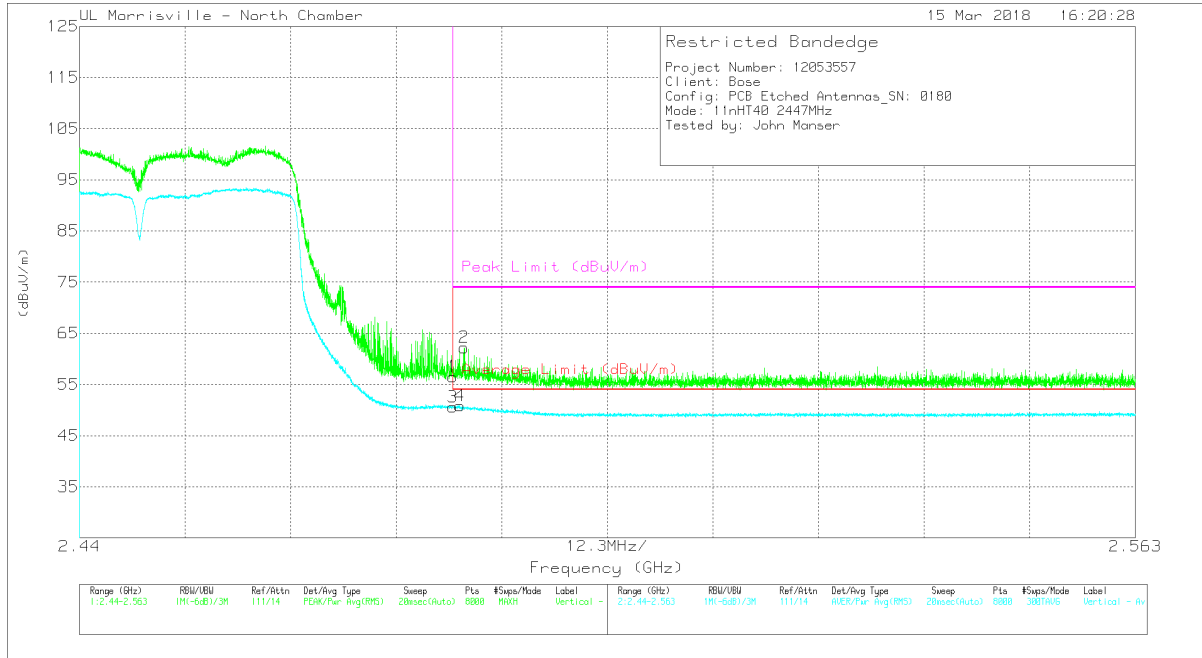
**AUTHORIZED BANDEDGE (HIGH CHANNEL, HORIZONTAL) MCS 7 2447MHZ**



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AT0072 AF (dB/m)	Amp/Cbl/Filtr/Pad (dB)	Pad (10dB)	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	* ** 2.484	44.61	Pk	32.3	-23.8	10	0	63.11	-	-	74	-10.89	257	325	H
2	* ** 2.486	51.34	Pk	32.3	-23.8	10	0	69.84	-	-	74	-4.16	257	325	H
3	* ** 2.484	31.59	RMS	32.3	-23.8	10	2.7	52.79	54	-1.21	-	-	257	325	H
4	* ** 2.484	31.94	RMS	32.3	-23.8	10	2.7	53.14	54	-0.86	-	-	257	325	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

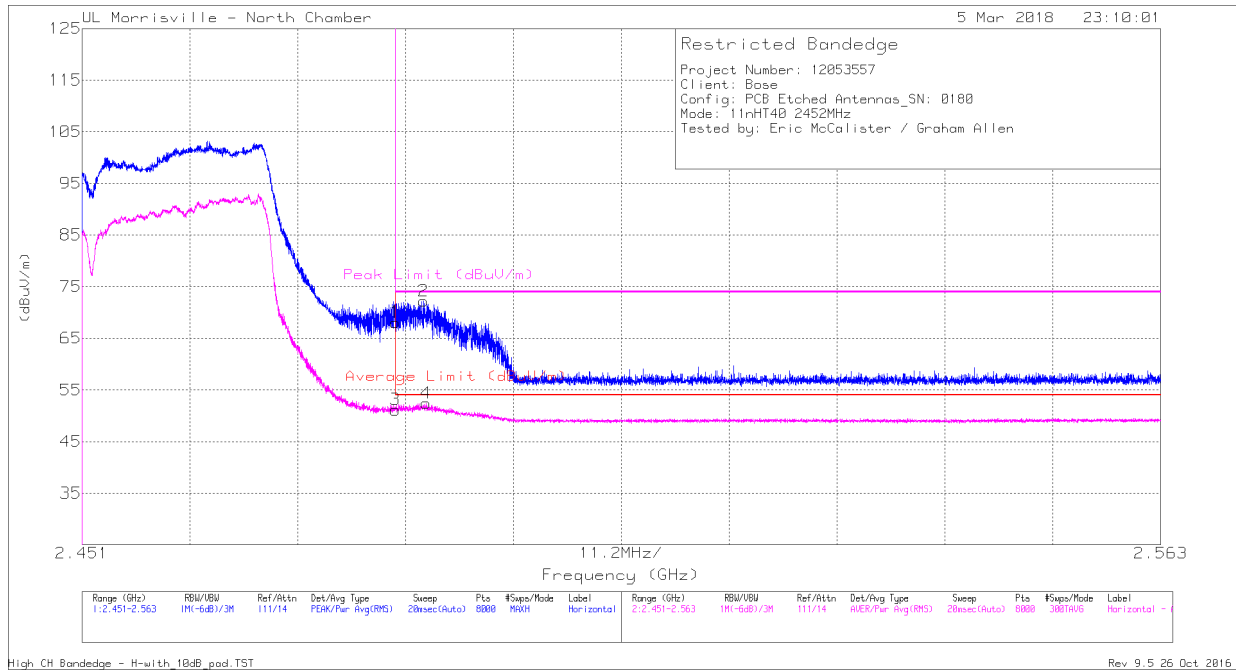
**AUTHORIZED BANDEDGE (HIGH CHANNEL, VERTICAL) MCS 7 2447MHz**



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AT0072 AF (dB/m)	Amp/Cbl/Filtr/Pad (dB)	Pad (10dB)	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	*** 2.484	38.04	Pk	32.3	-23.8	10	0	56.54	-	-	74	-17.46	204	388	V
2	*** 2.485	43.71	Pk	32.3	-23.8	10	0	62.21	-	-	74	-11.79	204	388	V
3	*** 2.484	29.41	RMS	32.3	-23.8	10	2.7	50.61	54	-3.39	-	-	204	388	V
4	*** 2.484	29.66	RMS	32.3	-23.8	10	2.7	50.86	54	-3.14	-	-	204	388	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

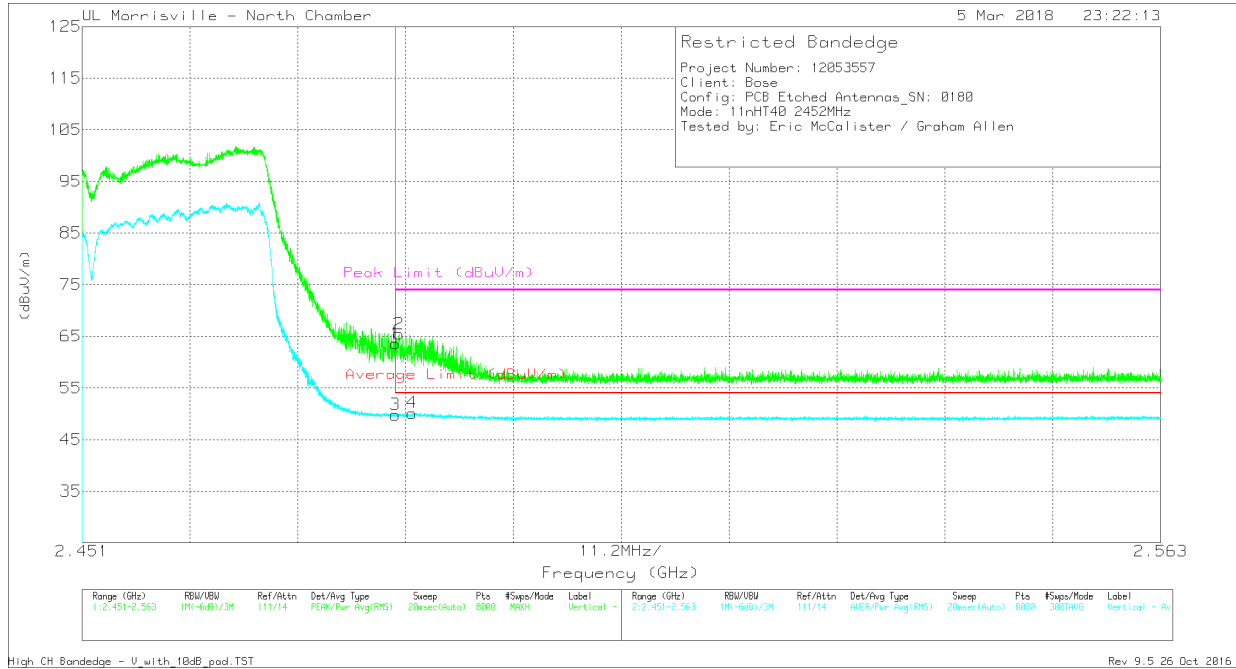
**AUTHORIZED BANDEDGE (HIGH CHANNEL, HORIZONTAL) MCS 7 2452MHZ**



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AT0072 AF (dB/m)	Amp/Cbl/Fitr/Pad (dB)	Pad (10dB)	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	* ** 2.484	49.58	Pk	32.3	-23.8	10	0	68.08	-	-	74	-5.92	48	395	H
2	* ** 2.486	53.72	Pk	32.3	-23.8	10	0	72.22	-	-	74	-1.78	48	395	H
3	* ** 2.484	29.95	RMS	32.3	-23.8	10	2.7	51.15	54	-2.85	-	-	48	395	H
4	* ** 2.487	31.25	RMS	32.3	-23.8	10	2.7	52.45	54	-1.55	-	-	48	395	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) MCS 7 2452MHz**



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AT0072 AF (dB/m)	Amp/Cbl/Fitr/Pad (dB)	Pad (10dB)	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	*** 2.484	45.15	PK	32.3	-23.8	10	0	63.65	-	-	74	-10.35	80	378	V
2	*** 2.484	46.96	PK	32.3	-23.8	10	0	65.46	-	-	74	-8.54	80	378	V
3	*** 2.484	28.6	RMS	32.3	-23.8	10	2.7	49.8	54	-4.2	-	-	80	378	V
4	*** 2.485	28.96	RMS	32.3	-23.8	10	2.7	50.16	54	-3.84	-	-	80	378	V

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

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

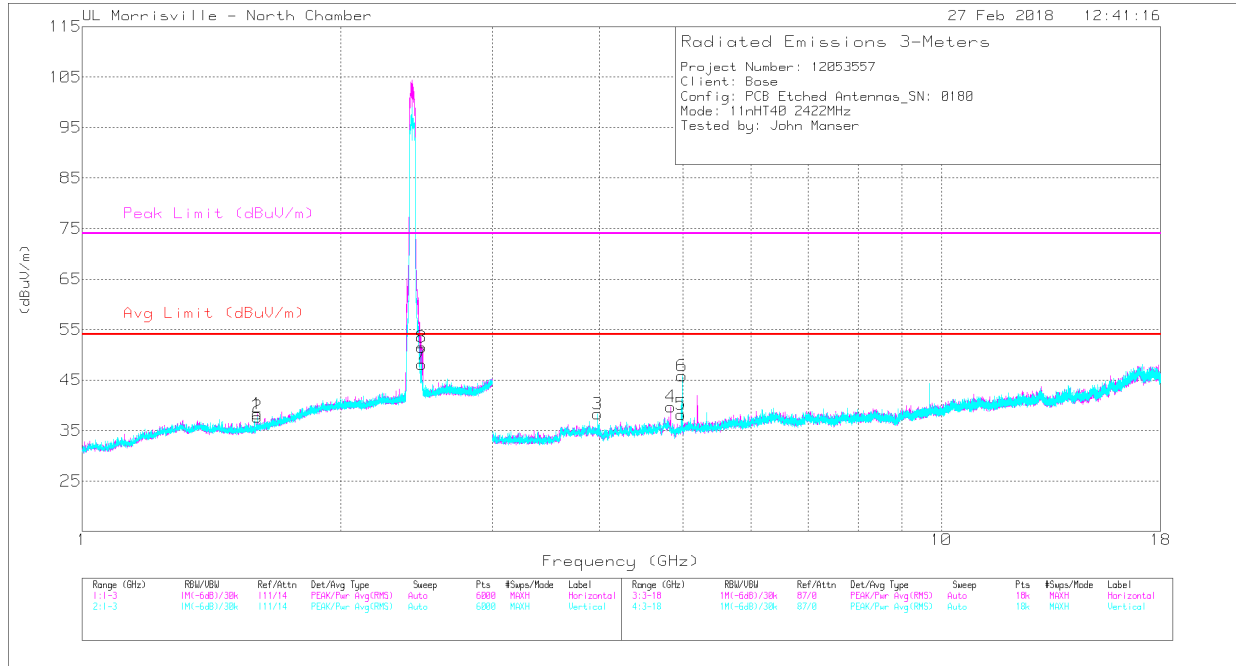
PK - Peak detector

RMS - RMS detection

**HARMONICS AND SPURIOUS EMISSIONS**

Note: Radiated Spurious emissions from 1-18 GHz was run at the lowest data rate since this was found to be the highest Power and PSD. It was also run with Low and High channels set to mid channel power settings for worst-case results.

**Low Channel**



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AT0072 AF (dB/m)	Amp/Cbl/Fitr/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	*** 1.596	46.31	PK2	27.9	-24.1	0	50.11	-	-	74	-23.89	44	275	H
	*** 1.6	27.02	MAv1	28	-24.1	2.7	33.62	54	-20.38	-	-	44	275	H
8	*** 2.484	55.51	PK2	32.3	-23.8	0	64.01	-	-	74	-9.99	251	314	H
	*** 2.484	33.52	MAv1	32.3	-23.8	2.7	44.72	54	-9.28	-	-	251	314	H
2	*** 1.598	46.06	PK2	28	-24.1	0	49.96	-	-	74	-24.04	243	241	V
	*** 1.599	27.07	MAv1	28	-24.1	2.7	33.67	54	-20.33	-	-	243	241	V
7	*** 2.484	53.83	PK2	32.3	-23.8	0	62.33	-	-	74	-11.67	115	353	V
	*** 2.484	32.39	MAv1	32.3	-23.8	2.7	43.59	54	-10.41	-	-	115	353	V
4	*** 4.844	42.84	PK2	34	-30.8	0	46.04	-	-	74	-27.96	305	112	H
	*** 4.844	34.79	MAv1	34	-30.8	2.7	40.69	54	-13.31	-	-	305	112	H
5	*** 4.978	43.6	PK2	34.1	-32.1	0	45.6	-	-	74	-28.4	278	248	H
	*** 4.978	28.8	MAv1	34.1	-32.1	2.7	33.5	54	-20.5	-	-	278	248	H
3	*** 3.983	44.92	PK2	33.4	-31.3	0	47.02	-	-	74	-26.98	276	169	V
	*** 3.984	28.02	MAv1	33.4	-31.3	2.7	32.82	54	-21.18	-	-	276	169	V
6	*** 4.989	53.19	PK2	34.1	-32.2	0	55.09	-	-	74	-18.91	265	103	V
	*** 4.999	29.21	MAv1	34.1	-32.2	2.7	33.81	54	-20.19	-	-	265	103	V

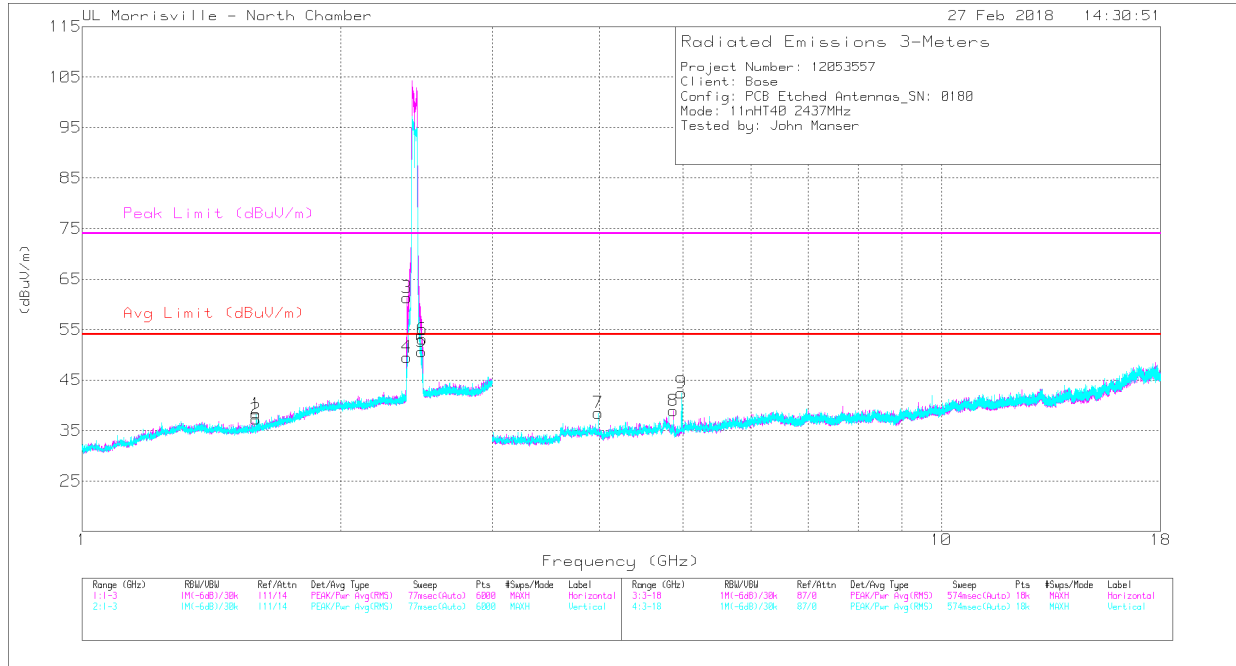
\* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

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

PK2 - Maximum Peak

MAv1 - Maximum RMS Average

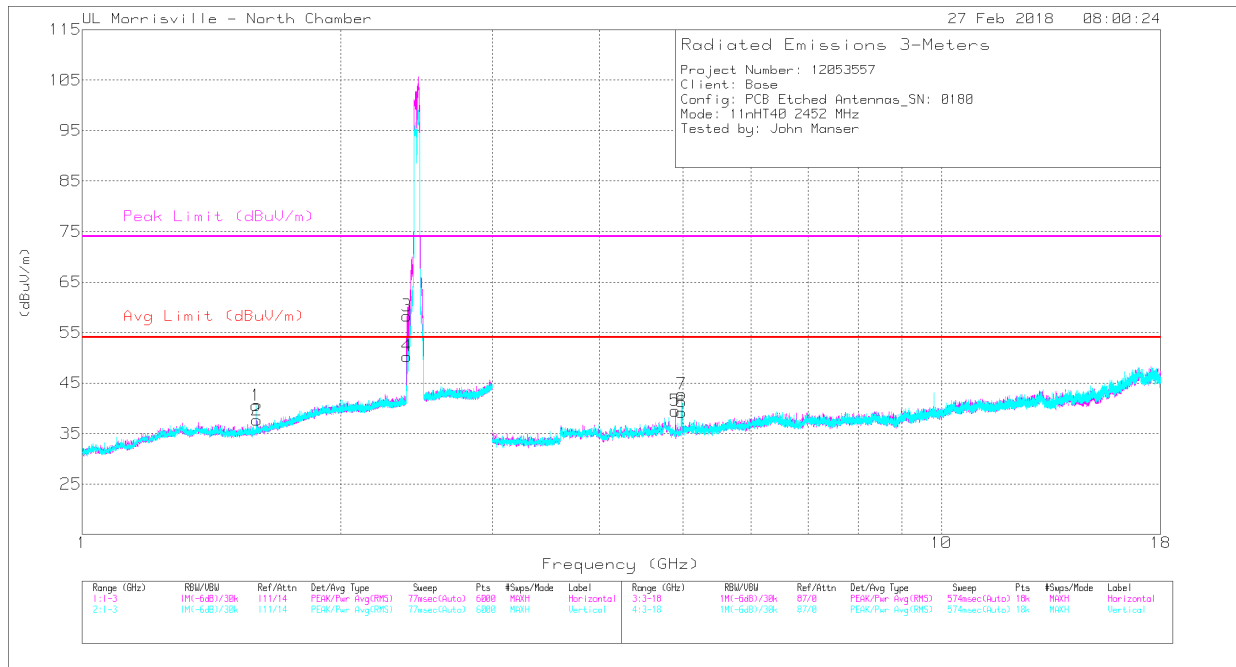
Mid Channel



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)	Azimuth (Degs)	Height (cm)	Polarity
2	*** 1.6	44.79	PK2	28	-24.1	0	48.69	-	-	74	-25.31	93	277	H
	*** 1.599	27.07	MAv1	28	-24.1	2.7	33.67	54	-20.33	-	-	93	277	H
3	*** 2.39	62.79	PK2	31.8	-23.9	0	70.69	-	-	74	-3.31	277	117	H
	*** 2.39	41.09	MAv1	31.8	-23.9	2.7	51.69	54	-2.31	-	-	277	117	H
6	*** 2.484	62.11	PK2	32.3	-23.8	0	70.61	-	-	74	-3.39	279	322	H
	*** 2.485	40.82	MAv1	32.3	-23.8	2.7	52.02	54	-1.98	-	-	279	322	H
1	*** 1.598	45.38	PK2	28	-24.1	0	49.28	-	-	74	-24.72	242	274	V
	*** 1.598	27.05	MAv1	28	-24.1	2.7	33.65	54	-20.35	-	-	242	274	V
4	*** 2.39	57	PK2	31.8	-23.9	0	64.9	-	-	74	-9.1	128	400	V
	*** 2.389	36.21	MAv1	31.8	-23.9	2.7	46.81	54	-7.19	-	-	128	400	V
5	*** 2.487	56.27	PK2	32.3	-23.8	0	64.77	-	-	74	-9.23	144	321	V
	*** 2.484	38.24	MAv1	32.3	-23.8	2.7	49.44	54	-4.56	-	-	144	321	V
8	*** 4.874	41.6	PK2	34	-31	0	44.6	-	-	74	-29.4	300	114	H
	*** 4.874	33.19	MAv1	34	-31	2.7	38.89	54	-15.11	-	-	300	114	H
7	*** 3.987	44.03	PK2	33.4	-31.3	0	46.13	-	-	74	-27.87	238	139	V
	*** 3.987	28.01	MAv1	33.4	-31.3	2.7	32.81	54	-21.19	-	-	238	139	V
9	*** 4.99	53.98	PK2	34.1	-32.2	0	55.88	-	-	74	-18.12	265	119	V
	*** 4.98	29.41	MAv1	34.1	-32.1	2.7	34.11	54	-19.89	-	-	265	119	V

\* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band  
 \*\* - indicates frequency in Taiwan NCC LP0002 Restricted Band  
 PK2 - Maximum Peak  
 MAv1 - Maximum 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)	Azimuth (Degs)	Height (cm)	Polarity
2	* ** 1.594	44.56	PK2	27.9	-24.1	0	48.36	-	-	74	-25.64	56	281	H
	* ** 1.596	26.83	MAv1	27.9	-24.1	2.7	33.33	54	-20.67	-	-	56	281	H
3	* ** 2.39	63.79	PK2	31.8	-23.9	0	71.69	-	-	74	-2.31	284	247	H
	* ** 2.39	38.08	MAv1	31.8	-23.9	2.7	48.68	54	-5.32	-	-	284	247	H
1	* ** 1.6	44.37	PK2	28	-24.1	0	48.27	-	-	74	-25.73	252	215	V
	* ** 1.598	26.9	MAv1	28	-24.1	2.7	33.5	54	-20.5	-	-	252	215	V
4	* ** 2.389	57.06	PK2	31.8	-23.9	0	64.96	-	-	74	-9.04	320	267	V
	* ** 2.39	32.91	MAv1	31.8	-23.9	2.7	43.51	54	-10.49	-	-	320	267	V
5	* ** 4.904	41.57	PK2	34	-31	0	44.57	-	-	74	-29.43	298	370	H
	* ** 4.904	32.29	MAv1	34	-31	2.7	37.99	54	-16.01	-	-	298	370	H
6	* ** 4.985	44.83	PK2	34.1	-32.2	0	46.73	-	-	74	-27.27	176	391	H
	* ** 4.986	28.93	MAv1	34.1	-32.2	2.7	33.53	54	-20.47	-	-	176	391	H
7	* ** 4.987	52.32	PK2	34.1	-32.2	0	54.22	-	-	74	-19.78	262	115	V
	* ** 4.984	29.62	MAv1	34.1	-32.2	2.7	34.22	54	-19.78	-	-	262	115	V

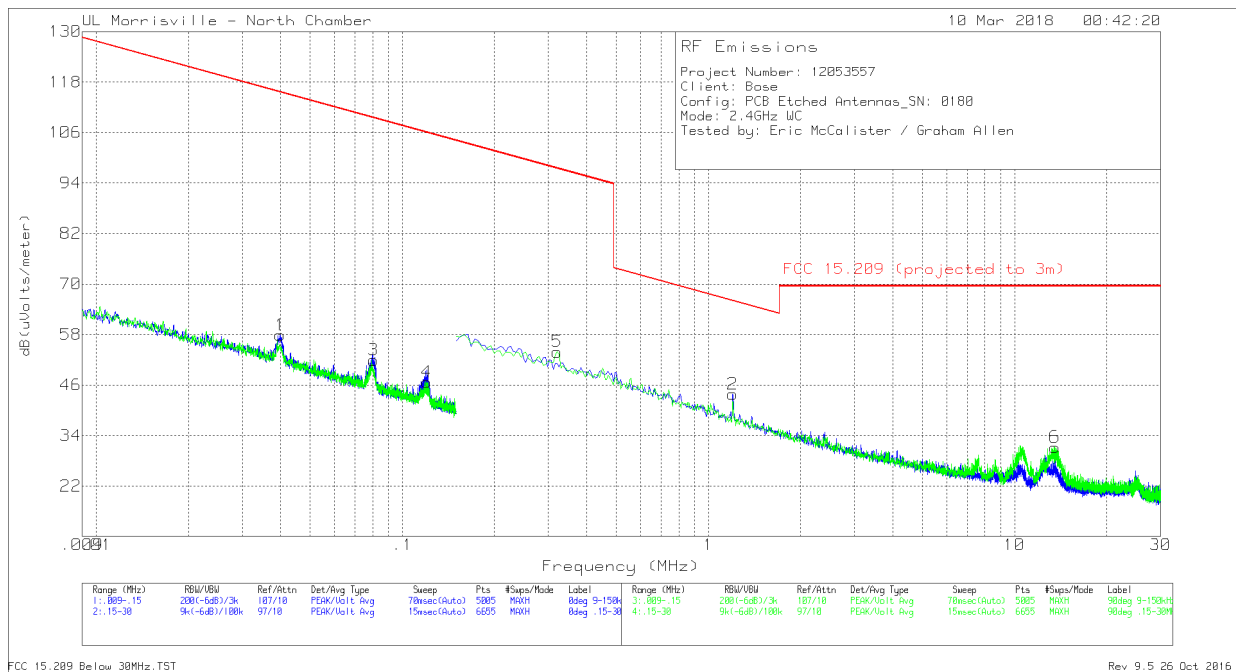
\* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band  
 \*\* - indicates frequency in Taiwan NCC LP0002 Restricted Band  
 PK2 - Maximum Peak  
 MAv1 - Maximum RMS Average

### 9.3. WORST-CASE RADIATED

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

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  $40 \cdot \log$  (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.

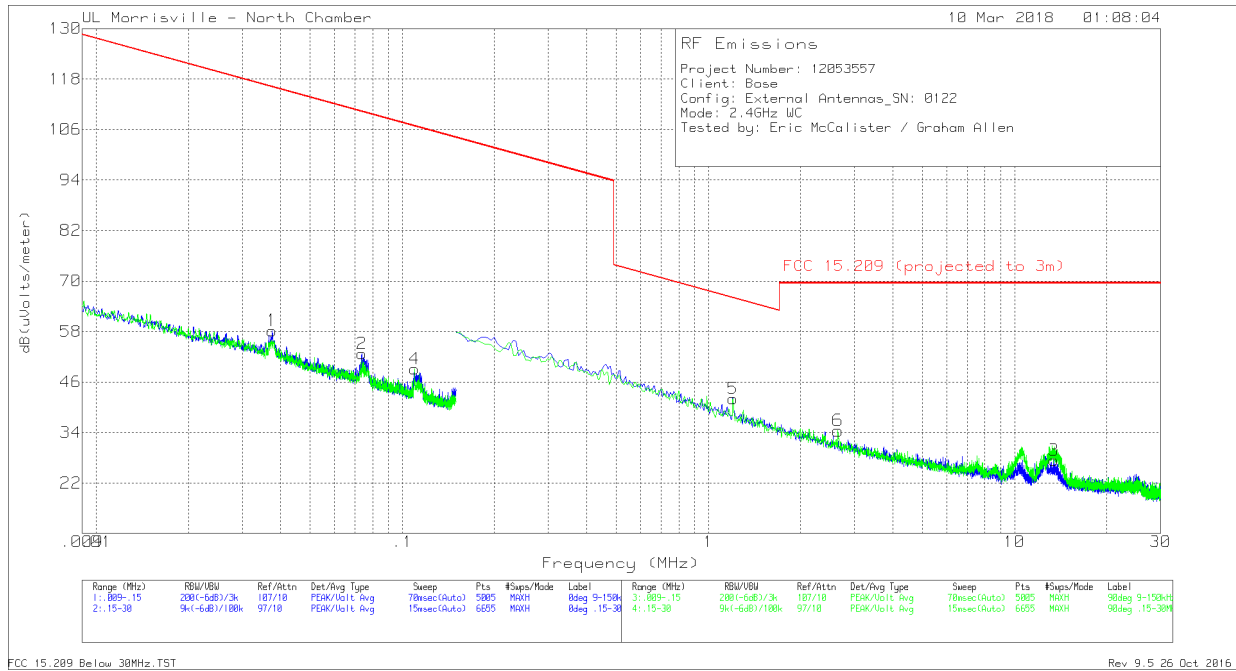


Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	AT0079 AF (dB/m)	Cbl (dB)	Corrected Reading dB(uV/m)	FCC 15.209 QP (projected to 3m)	QP Margin (dB)	FCC 15.209 AV (projected to 3m)	AV Margin (dB)	FCC 15.209 PK (projected to 3m)	PK Margin (dB)	Azimuth (Degs)
1	.03988	44.92	Pk	12.8	.1	57.82	-	-	115.59	-57.77	135.59	-77.77	0-360
3	.08065	40.22	Pk	11.6	.1	51.92	-	-	109.47	-57.55	129.47	-77.55	0-360
4	.12016	35.12	Pk	11.5	.1	46.72	-	-	106.01	-59.29	126.01	-79.29	0-360
5	.32047	42.28	Pk	11.5	.1	53.88	-	-	97.49	-43.61	117.49	-63.61	0-360
2	1.19972	32.14	Pk	11.5	.2	43.84	66.02	-22.18	-	-	-	-	0-360
6	13.5452	20.14	Pk	10.5	.6	31.24	69.54	-38.3	-	-	-	-	0-360

Pk - Peak detector



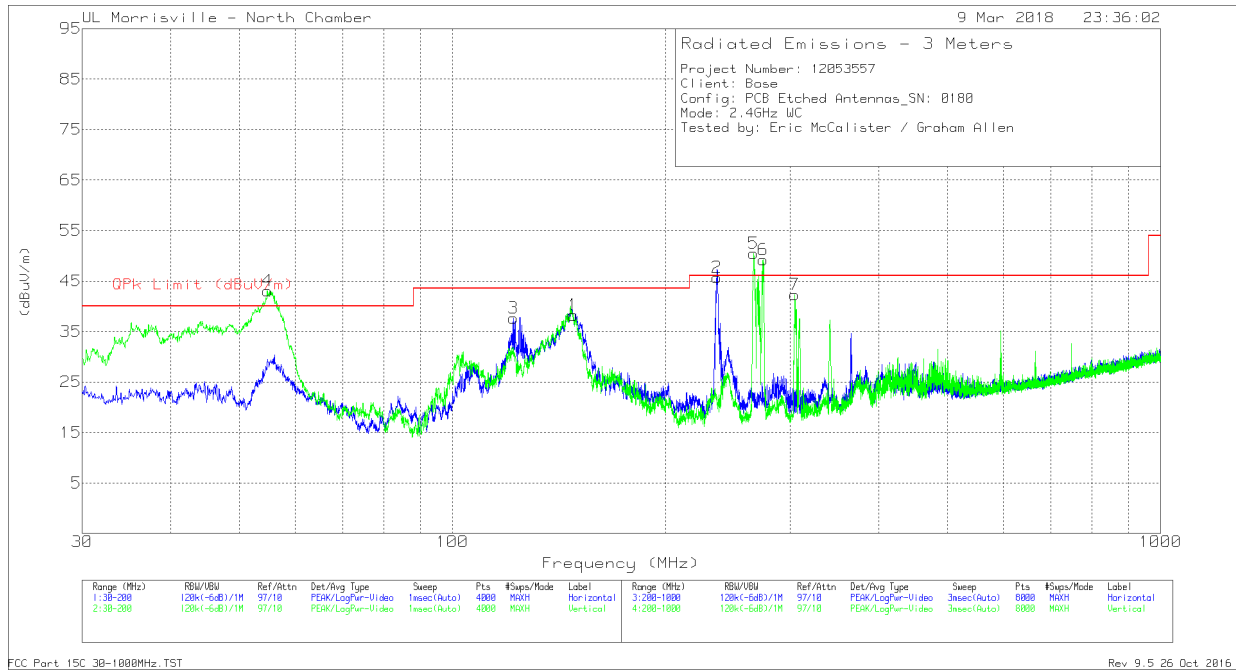
**SPURIOUS EMISSIONS 0.009 TO 30 MHz (WORST-CASE CONFIGURATION, EXTERNAL ANT)**



Marker	Frequency (MHz)	Meter Reading (dBUV)	Det	AT0079 AF (dB/m)	Cbl (dB)	Corrected Reading dB(uV/m)	FCC 15.209 QP (projected to 3m)	QP Margin (dB)	FCC 15.209 AV (projected to 3m)	AV Margin (dB)	FCC 15.209 PK (projected to 3m)	PK Margin (dB)	Azimuth (Degs)
1	.03759	45.12	Pk	13	.1	58.22	-	-	116.1	-57.88	136.1	-77.88	0-360
2	.07369	40.92	Pk	11.7	.1	52.72	-	-	110.26	-57.54	130.26	-77.54	0-360
4	.10972	37.38	Pk	11.6	.1	49.08	106.8	-57.72	-	-	-	-	0-360
5	1.20421	30.34	Pk	11.5	.2	42.04	65.99	-23.95	-	-	-	-	0-360
6	2.6487	22.53	Pk	11.6	.3	34.43	69.54	-35.11	-	-	-	-	0-360
3	13.45996	16.33	Pk	10.5	.6	27.43	69.54	-42.11	-	-	-	-	0-360

Pk - Peak detector

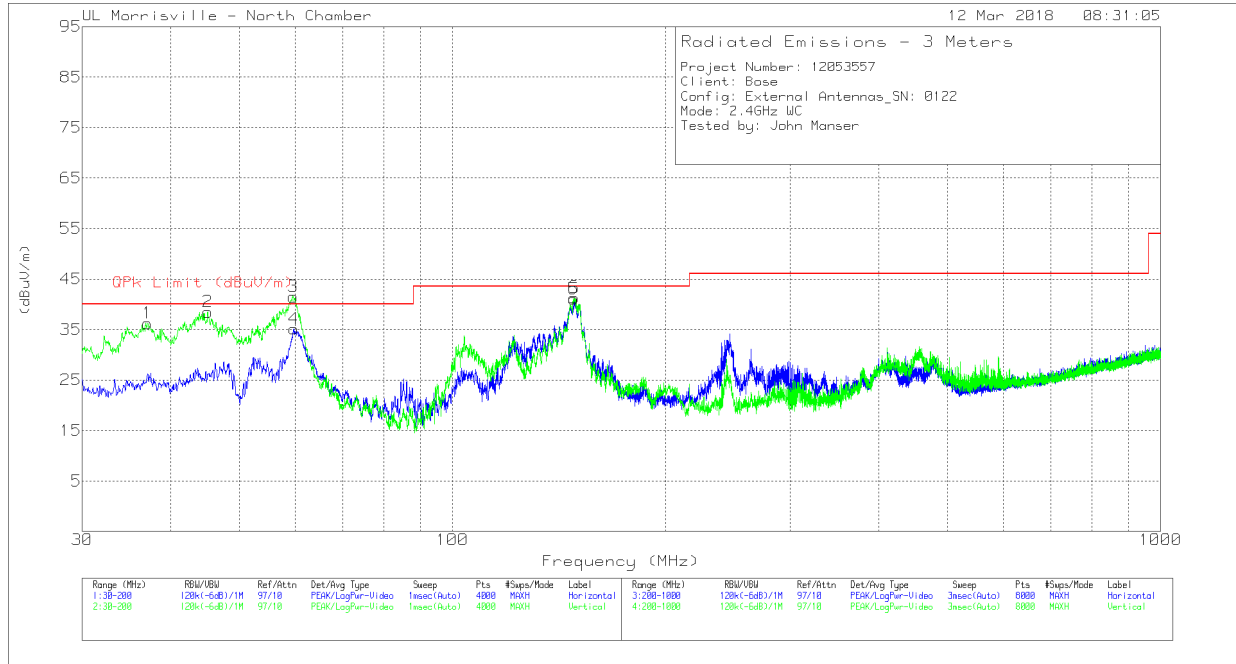
**SPURIOUS EMISSIONS 30 TO 1000 MHz (WORST-CASE CONFIGURATION, PCB ANT)**



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
4	54.9119	57.04	Qp	12.6	-31.4	38.24	40	-1.76	76	165	V
3	122.0778	39.94	Qp	19.1	-30.7	28.34	43.52	-15.18	88	226	H
1	147.8391	49.38	Qp	17.8	-30.5	36.68	43.52	-6.84	75	240	H
2	236.0964	31.87	Qp	17.1	-29.8	19.17	46.02	-26.85	196	141	H
5	266.0856	27.24	Qp	18.4	-29.7	15.94	46.02	-30.08	88	233	V
6	274.2399	24.88	Qp	18.8	-29.5	14.18	46.02	-31.84	21	201	V
7	304.2968	30.78	Qp	18.9	-29.4	20.28	46.02	-25.74	71	181	V

Pk - Peak detector  
 Qp - Quasi-Peak detector

**SPURIOUS EMISSIONS 30 TO 1000 MHz (WORST-CASE CONFIGURATION, EXTERNAL ANT)**



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
1	37.1233	42.3	Qp	21.3	-31.7	31.9	40	-8.1	28	107	V
2	45.6689	49.11	Qp	15.3	-31.5	32.91	40	-7.09	280	114	V
3	59.5139	57.77	Qp	12.7	-31.3	39.17	40	-8.3	216	102	V
4	60.3757	51.06	Qp	12.7	-31.3	32.46	40	-7.54	219	304	H
5	148.4726	51.06	Qp	17.8	-30.5	38.36	43.52	-5.16	107	280	H
6	148.5267	51.51	Qp	17.8	-30.5	38.81	43.52	-4.71	193	154	V

Qp - Quasi-Peak detector

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



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)	Azimuth (Degs)	Height (cm)	Polarity
1	* ** 20.437	49.11	Pk	33.1	-41.4	0	40.81	54	-13.19	74	-33.19	0-360	299	H
2	* ** 22.819	48.88	Pk	33.8	-40.9	0	41.78	54	-12.22	74	-32.22	0-360	149	H
4	* ** 19.239	48.93	Pk	32.7	-41.2	0	40.43	54	-13.57	74	-33.57	0-360	299	V
5	* ** 23.684	47.8	Pk	34	-40.4	0	41.4	54	-12.6	74	-32.6	0-360	152	V
6	25.851	46.82	Pk	34.4	-39.2	0	42.02	54	-11.98	74	-31.98	0-360	102	V
3	26.319	46.73	Pk	34.6	-39	0	42.33	54	-11.67	74	-31.67	0-360	102	H

\* - 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 EXTERNAL ANT)**



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)	Azimuth (Degs)	Height (cm)	Polarity
1	* 19.117	49.15	Pk	32.7	-41.1	0	40.75	54	-13.25	74	-33.25	0-360	199	H
3	* 20.189	49.92	Pk	32.8	-41.3	0	41.42	54	-12.58	74	-32.58	0-360	103	H
5	* 23.04	49.15	Pk	33.8	-40.7	0	42.25	54	-11.75	74	-31.75	0-360	149	H
2	* 19.295	48.67	Pk	32.5	-41	0	40.17	54	-13.83	74	-33.83	0-360	252	V
4	* 21.168	49.33	Pk	33	-41.1	0	41.23	54	-12.77	74	-32.87	0-360	152	V
6	* 23.922	48.3	Pk	34	-40.6	0	41.7	54	-12.3	74	-32.3	0-360	102	V

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

## 10. 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.

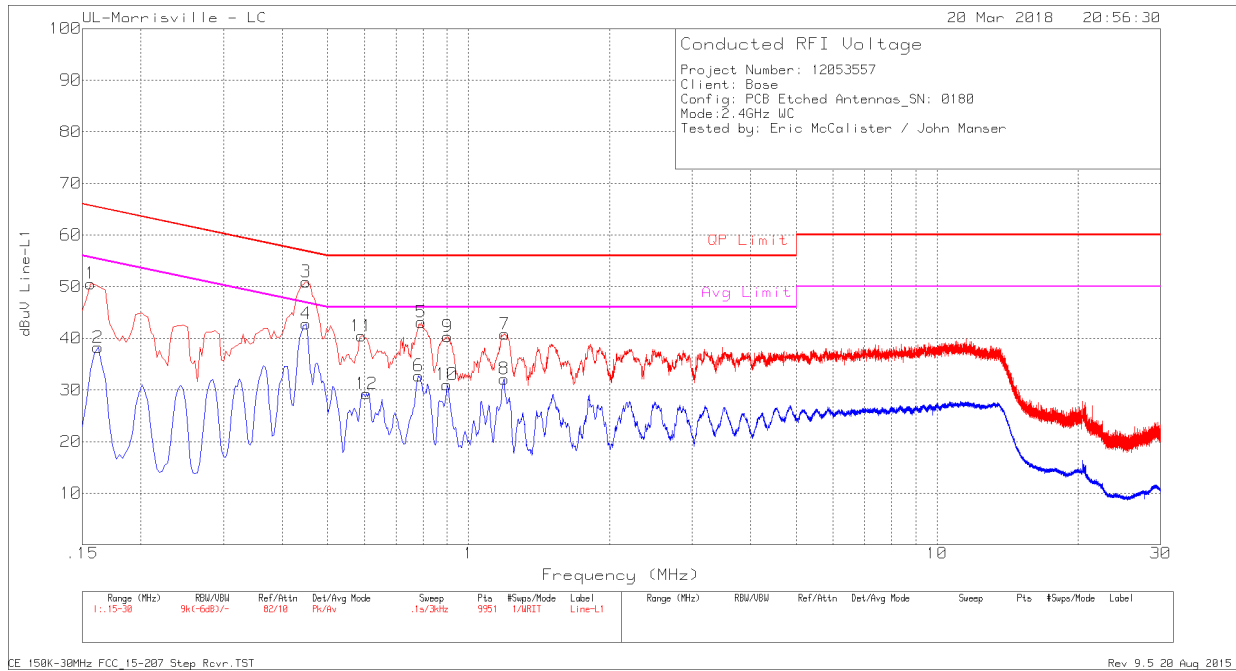
### TEST PROCEDURE

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.

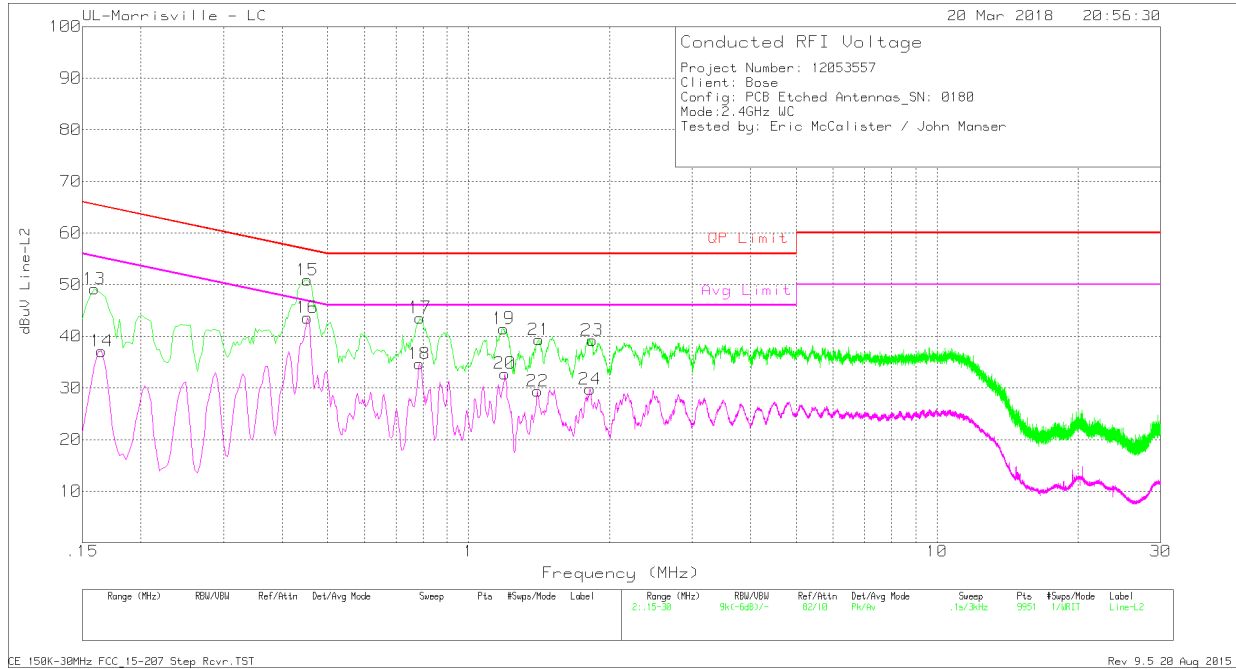
**LINE 1 RESULTS – PCB ANTENNA**



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	.156	40.4	Pk	.2	10	50.6	65.67	-15.07	-	-
2	.162	28.04	Av	.2	10	38.24	-	-	55.36	-17.12
3	.45	40.96	Pk	.1	9.9	50.96	56.88	-5.92	-	-
4	.45	32.84	Av	.1	9.9	42.84	-	-	46.88	-4.04
5	.792	33.21	Pk	0	9.9	43.11	56	-12.89	-	-
6	.783	22.85	Av	0	9.9	32.75	-	-	46	-13.25
7	1.197	30.85	Pk	0	10	40.85	56	-15.15	-	-
8	1.191	22.15	Av	0	10	32.15	-	-	46	-13.85
9	.903	30.47	Pk	0	9.9	40.37	56	-15.63	-	-
10	.9	21.15	Av	0	9.9	31.05	-	-	46	-14.95
11	.591	30.59	Pk	0	9.9	40.49	56	-15.51	-	-
12	.606	19.39	Av	0	9.9	29.29	-	-	46	-16.71

Pk - Peak detector  
 Av - Average detection

**LINE 2 RESULTS – PCB ANTENNA**

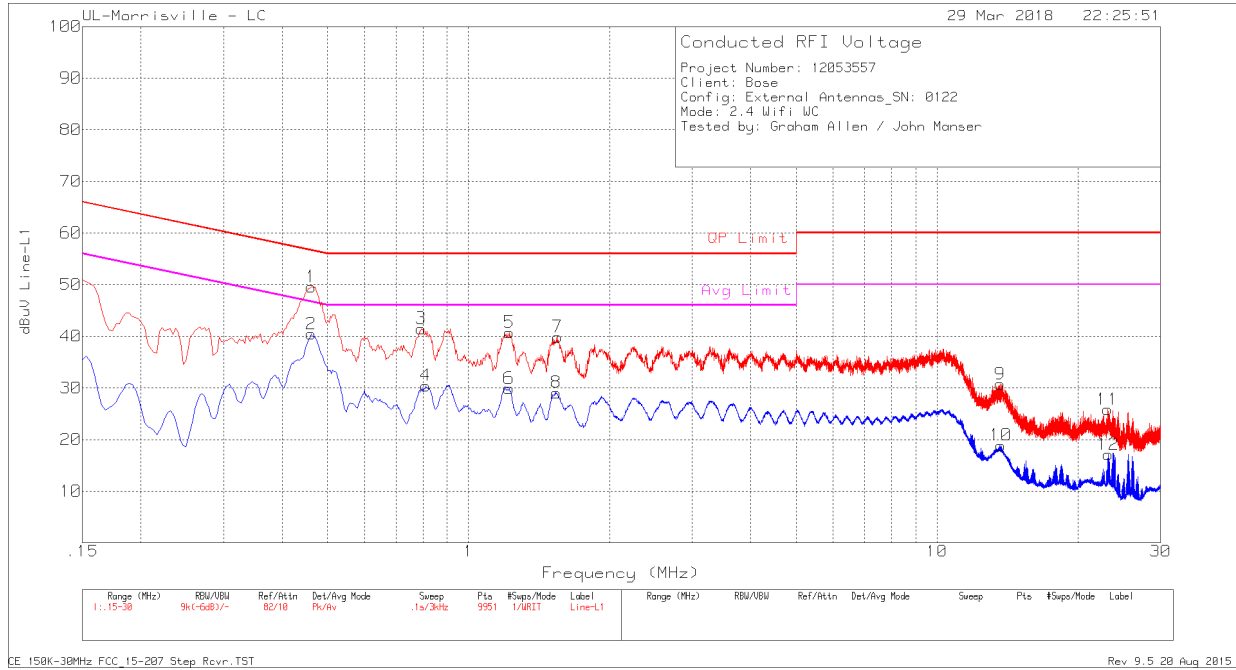


Range 2: Line-L2 .15 - 30MHz										
Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	LISN VCF (dB)	Cbl/Limiter (dB)	Corrected Reading dBuV	QP Limit	Margin (dB)	Avg Limit	Margin (dB)
13	.159	39.01	Pk	.2	10	49.21	65.52	-16.31	-	-
14	.165	26.9	Av	.2	10	37.1	-	-	55.21	-18.11
15	.453	40.91	Pk	.1	9.9	50.91	56.82	-5.91	-	-
16	.453	33.6	Av	.1	9.9	43.6	-	-	46.82	-3.22
17	.789	33.68	Pk	0	9.9	43.58	56	-12.42	-	-
18	.786	24.8	Av	0	9.9	34.7	-	-	46	-11.3
19	1.188	31.48	Pk	0	10	41.48	56	-14.52	-	-
20	1.197	22.78	Av	0	10	32.78	-	-	46	-13.22
21	1.413	29.33	Pk	0	10	39.33	56	-16.67	-	-
22	1.404	19.36	Av	0	10	29.36	-	-	46	-16.64
23	1.836	29.22	Pk	0	10	39.22	56	-16.78	-	-
24	1.818	19.79	Av	0	10	29.79	-	-	46	-16.21

Pk - Peak detector  
 Av - Average detection



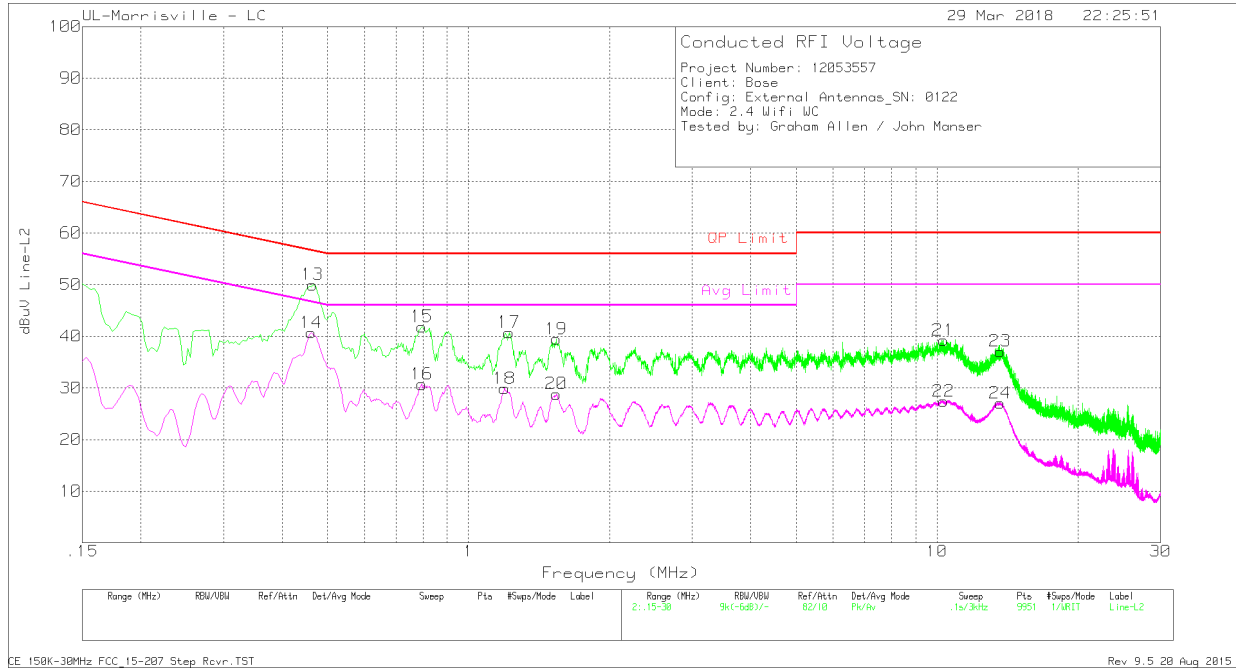
**LINE 1 RESULTS – EXT ANTENNA**



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	.462	39.69	Pk	0	9.9	49.59	56.66	-7.07	-	-
2	.462	30.54	Av	0	9.9	40.44	-	-	46.66	-6.22
3	.792	31.6	Pk	0	9.9	41.5	56	-14.5	-	-
4	.81	20.54	Av	0	9.9	30.44	-	-	46	-15.56
5	1.224	30.74	Pk	0	10	40.74	56	-15.26	-	-
6	1.221	19.94	Av	0	10	29.94	-	-	46	-16.06
7	1.551	29.88	Pk	0	10	39.88	56	-16.12	-	-
8	1.542	19.09	Av	0	10	29.09	-	-	46	-16.91
9	13.653	20.54	Pk	.1	10.1	30.74	60	-29.26	-	-
10	13.695	8.69	Av	.1	10.1	18.89	-	-	50	-31.11
11	23.13	15.46	Pk	.2	10.2	25.86	60	-34.14	-	-
12	23.217	6.73	Av	.2	10.2	17.13	-	-	50	-32.87

Pk - Peak detector  
 Av - Average detection

**LINE 2 RESULTS – EXT 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	.465	39.99	Pk	.1	9.9	49.99	56.6	-6.61	-	-
14	.462	30.67	Av	.1	9.9	40.67	-	-	46.66	-5.99
15	.795	31.96	Pk	0	9.9	41.86	56	-14.14	-	-
16	.795	20.8	Av	0	9.9	30.7	-	-	46	-15.3
17	1.221	30.76	Pk	0	10	40.76	56	-15.24	-	-
18	1.194	19.88	Av	0	10	29.88	-	-	46	-16.12
19	1.539	29.5	Pk	0	10	39.5	56	-16.5	-	-
20	1.539	18.85	Av	0	10	28.85	-	-	46	-17.15
21	10.314	29.04	Pk	.1	10.1	39.24	60	-20.76	-	-
22	10.323	17.21	Av	.1	10.1	27.41	-	-	50	-22.59
23	13.626	26.88	Pk	.1	10.1	37.08	60	-22.92	-	-
24	13.638	16.88	Av	.1	10.1	27.08	-	-	50	-22.92

Pk - Peak detector  
 Av - Average detection