

**HIGH CHANNEL DATA**

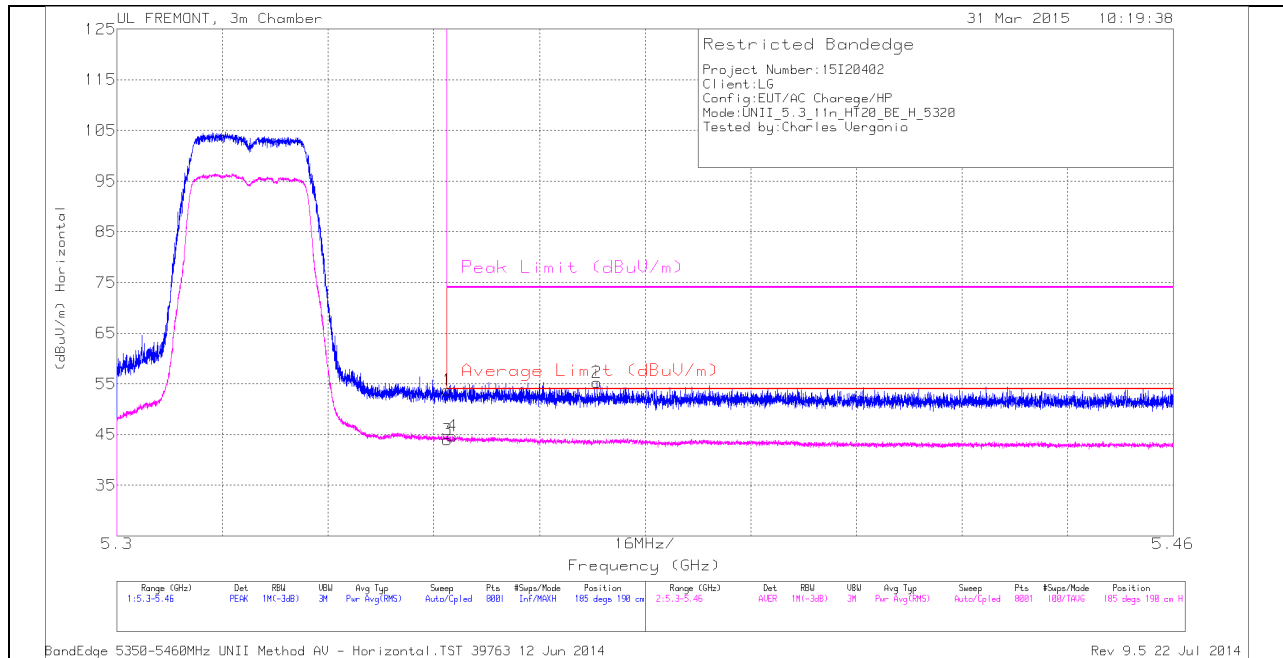
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T862 (dB/m)	Amp/Cbl/Ftr/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 1.513	36.63	PK	28	-35.4	0	29.23	-	-	74	-44.77	-	-	0-360	201	H
2	* 3.547	37.16	PK	32.8	-33.5	0	36.46	-	-	74	-37.54	-	-	0-360	201	H
4	* 2.271	34.8	PK	31.5	-34.7	0	31.6	-	-	74	-42.4	-	-	0-360	101	V
3	* 11.651	28.72	PK	38.5	-26.9	0	40.32	-	-	74	-33.68	-	-	0-360	101	H
5	* 7.467	32.04	PK	35.6	-31.2	0	36.44	-	-	74	-37.56	-	-	0-360	101	V
6	* 15.83	29.86	PK	40.3	-26.7	0	43.46	-	-	74	-30.54	-	-	0-360	201	V

\* - indicates frequency in CFR15.205/IC7.2.2 Restricted Band

PK - Peak detector

**11.2.2. TX ABOVE 1 GHz 802.11n HT20 MODE IN THE 5.3 GHz BAND  
 AUTHORIZED BANDEDGE (HIGH CHANNEL)**

**HORIZONTAL PEAK AND AVERAGE PLOT**



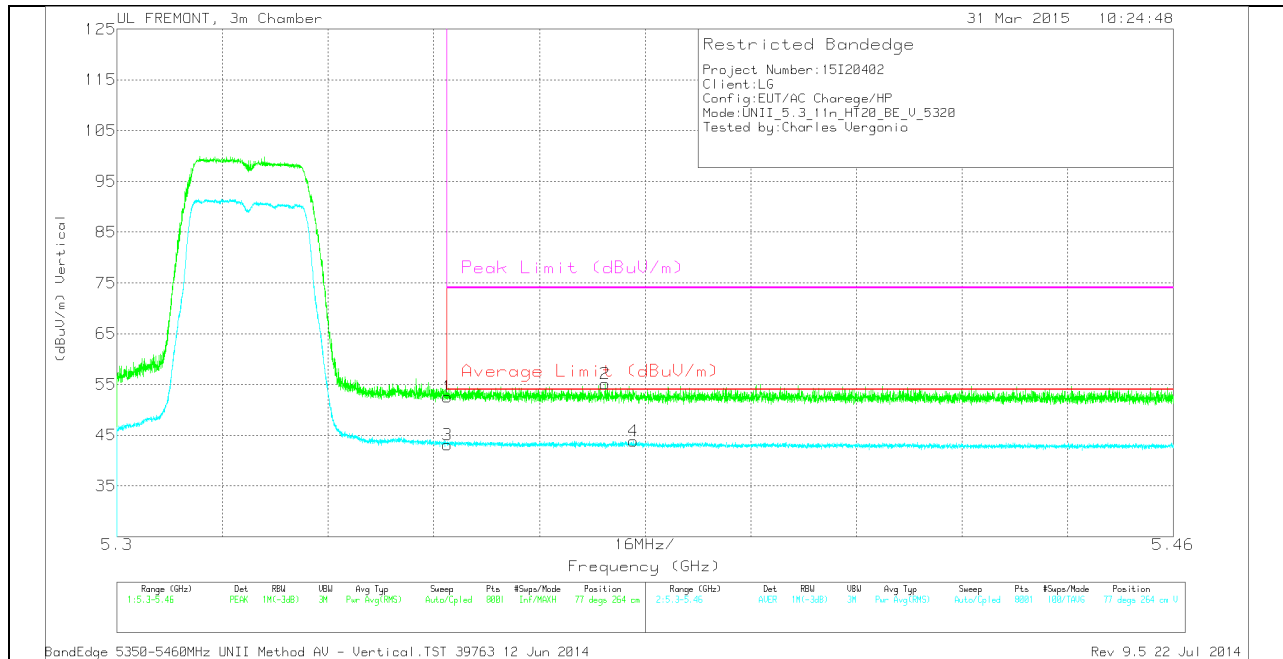
**HORIZONTAL DATA**

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T119 (dB/m)	Amp/Cbl/Fit r/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.35	40.71	PK	34.5	-21.4	0	53.81	-	-	74	-20.19	185	190	H
3	5.35	30.69	RMS	34.5	-21.4	.22	44.01	54	-9.99	-	-	185	190	H
4	5.351	31.35	RMS	34.5	-21.4	.22	44.67	54	-9.33	-	-	185	190	H
2	5.373	42.07	PK	34.6	-21.4	0	55.27	-	-	74	-18.73	185	190	H

PK - Peak detector

RMS - RMS detection

**VERTICAL PEAK AND AVERAGE PLOT**



**VERTICAL DATA**

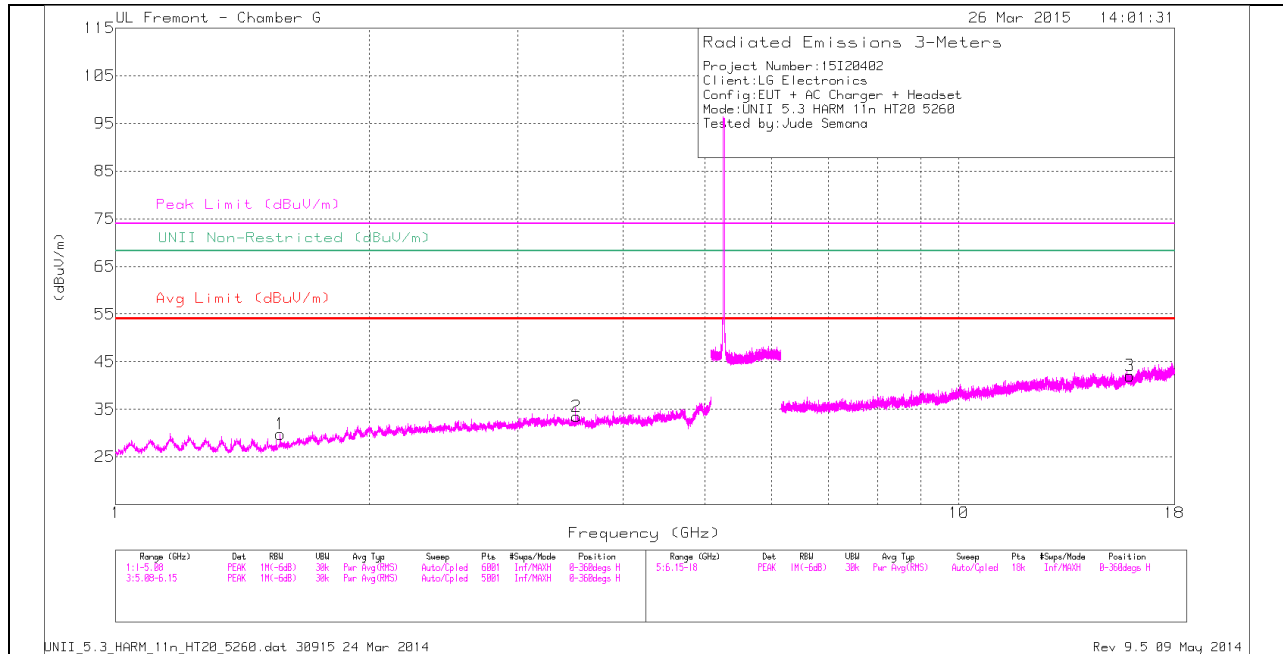
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T119 (dB/m)	Amp/Cb/Fit r/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.35	39.46	PK	34.5	-21.4	0	52.56	-	-	74	-21.44	77	264	V
3	5.35	29.8	RMS	34.5	-21.4	.22	43.12	54	-10.88	-	-	77	264	V
2	5.374	41.89	PK	34.6	-21.4	0	55.09	-	-	74	-18.91	77	264	V
4	5.378	30.37	RMS	34.6	-21.3	.22	43.89	54	-10.11	-	-	77	264	V

PK - Peak detector

RMS - RMS detection

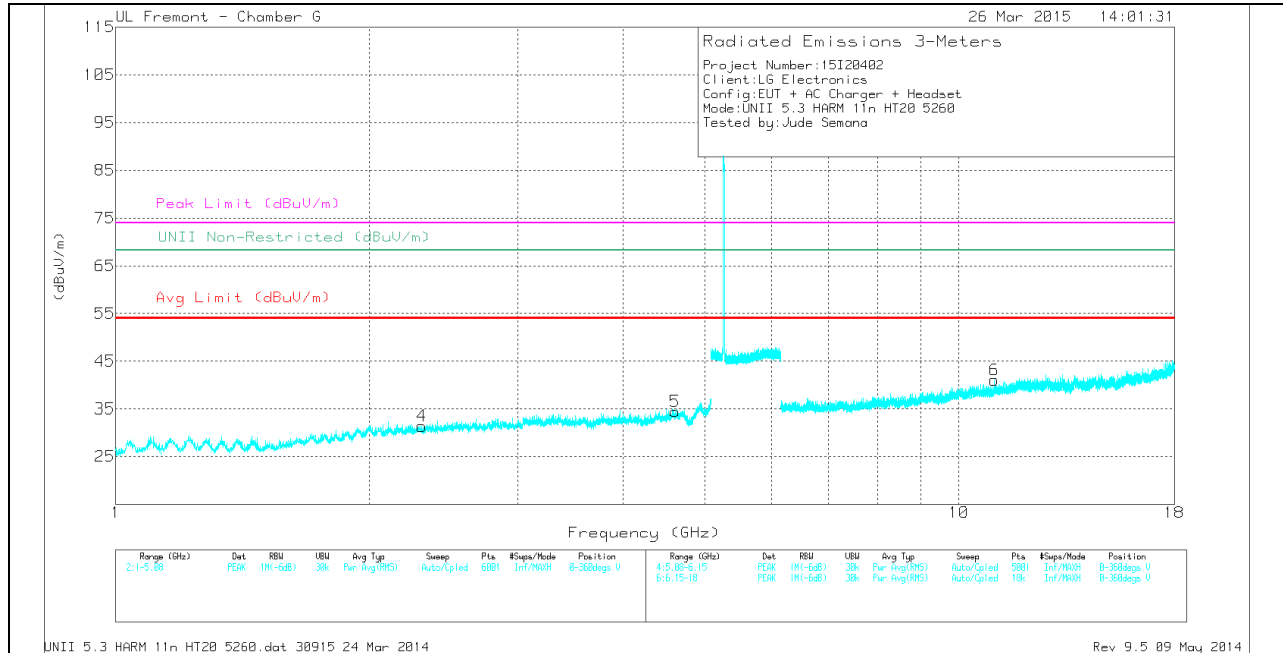
**HARMONICS AND SPURIOUS EMISSIONS**

**LOW CHANNEL HORIZONTAL**



Note: Emission was scanned up to 40GHz; No emissions were detected above the noise floor which was at least 20dB below the specification limit.

**LOW CHANNEL VERTICAL**



Note: Emission was scanned up to 40GHz; No emissions were detected above the noise floor which was at least 20dB below the specification limit.

**LOW CHANNEL DATA**

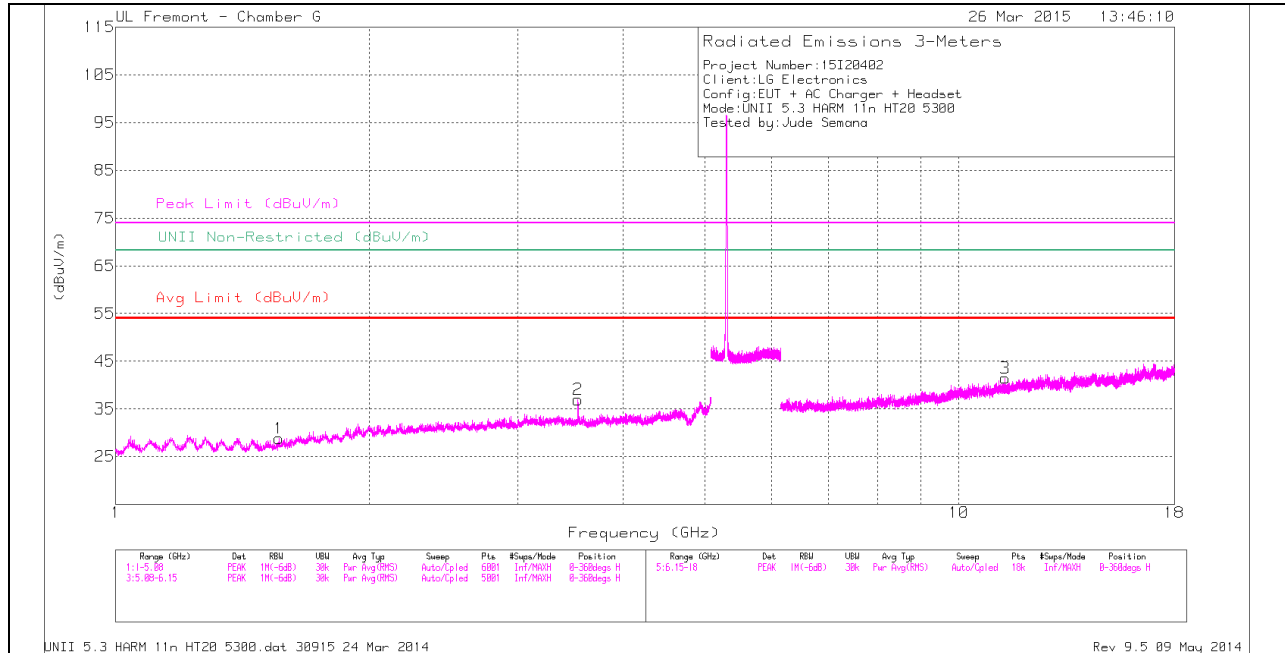
*TRACE MARKERS*

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T862 (dB/m)	Amp/Cbl/ Ftr/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 1.567	37.01	PK	28.4	-35.6	0	29.81	-	-	74	-44.19	-	-	0-360	201	H
2	* 3.521	34.22	PK	32.8	-33.5	0	33.52	-	-	74	-40.48	-	-	0-360	201	H
5	* 4.605	33.23	PK	33.9	-32.7	0	34.43	-	-	74	-39.57	-	-	0-360	201	V
3	* 15.951	28.83	PK	40.4	-27.2	0	42.03	-	-	74	-31.97	-	-	0-360	201	H
6	* 11.015	30.17	PK	37.8	-26.9	0	41.07	-	-	74	-32.93	-	-	0-360	101	V
4	2.306	34.38	PK	31.6	-34.6	0	31.38	-	-	-	-	68.2	-36.82	0-360	101	V

\* - indicates frequency in CFR15.205/IC7.2.2 Restricted Band

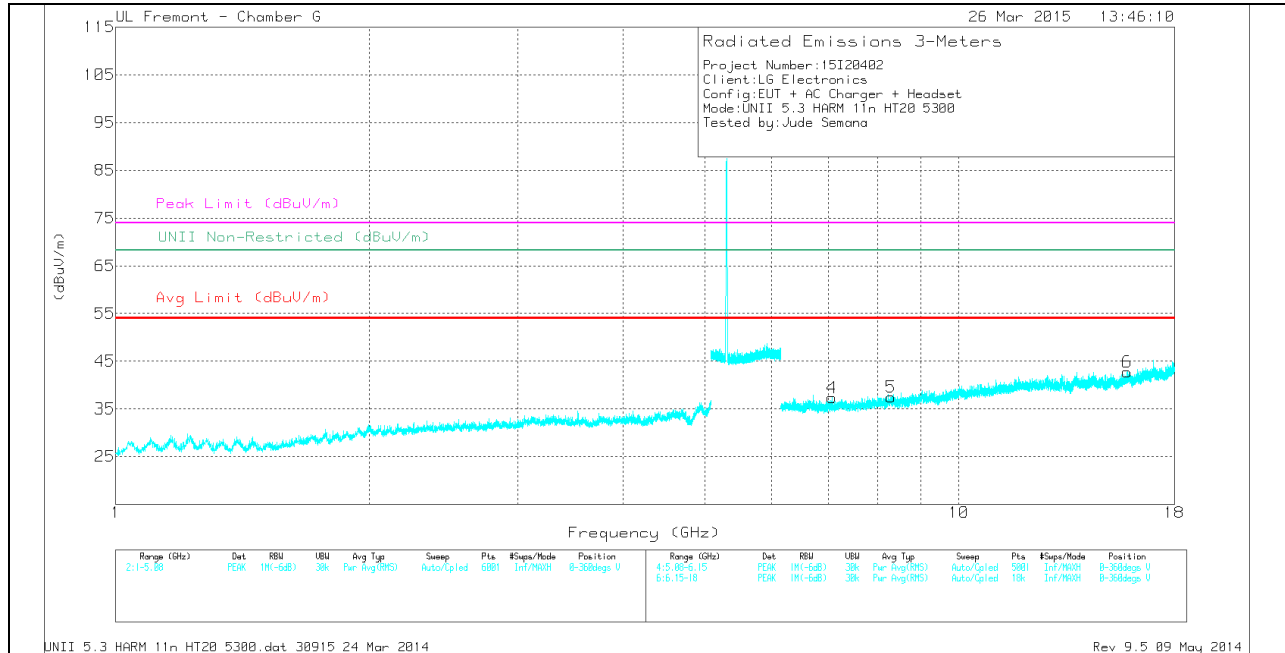
PK - Peak detector

**MID CHANNEL HORIZONTAL**



Note: Emission was scanned up to 40GHz; No emissions were detected above the noise floor which was at least 20dB below the specification limit.

**MID CHANNEL VERTICAL**



Note: Emission was scanned up to 40GHz; No emissions were detected above the noise floor which was at least 20dB below the specification limit.



**MID CHANNEL DATA**

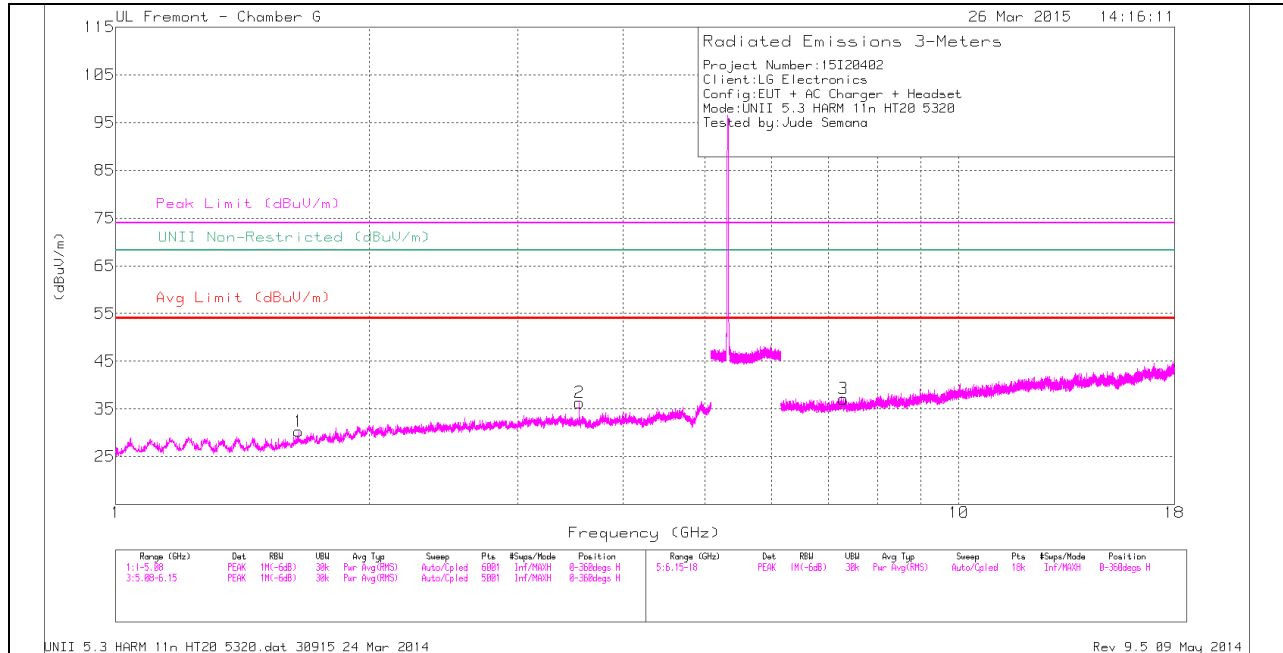
*TRACE MARKERS*

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T862 (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)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 1.562	36.12	PK	28.3	-35.6	0	28.82	-	-	74	-45.18	-	-	0-360	201	H
2	* 3.533	37.65	PK	32.8	-33.5	0	36.95	-	-	74	-37.05	-	-	0-360	101	H
3	* 11.34	30.03	PK	38.1	-26.7	0	41.43	-	-	74	-32.57	-	-	0-360	101	H
5	* 8.304	30.86	PK	35.8	-29.2	0	37.46	-	-	74	-36.54	-	-	0-360	201	V
6	* 15.83	29.11	PK	40.3	-26.7	0	42.71	-	-	74	-31.29	-	-	0-360	101	V
4	7.074	33.49	PK	35.6	-31.7	0	37.39	-	-	-	-	68.2	-30.81	0-360	201	V

\* - indicates frequency in CFR15.205/IC7.2.2 Restricted Band

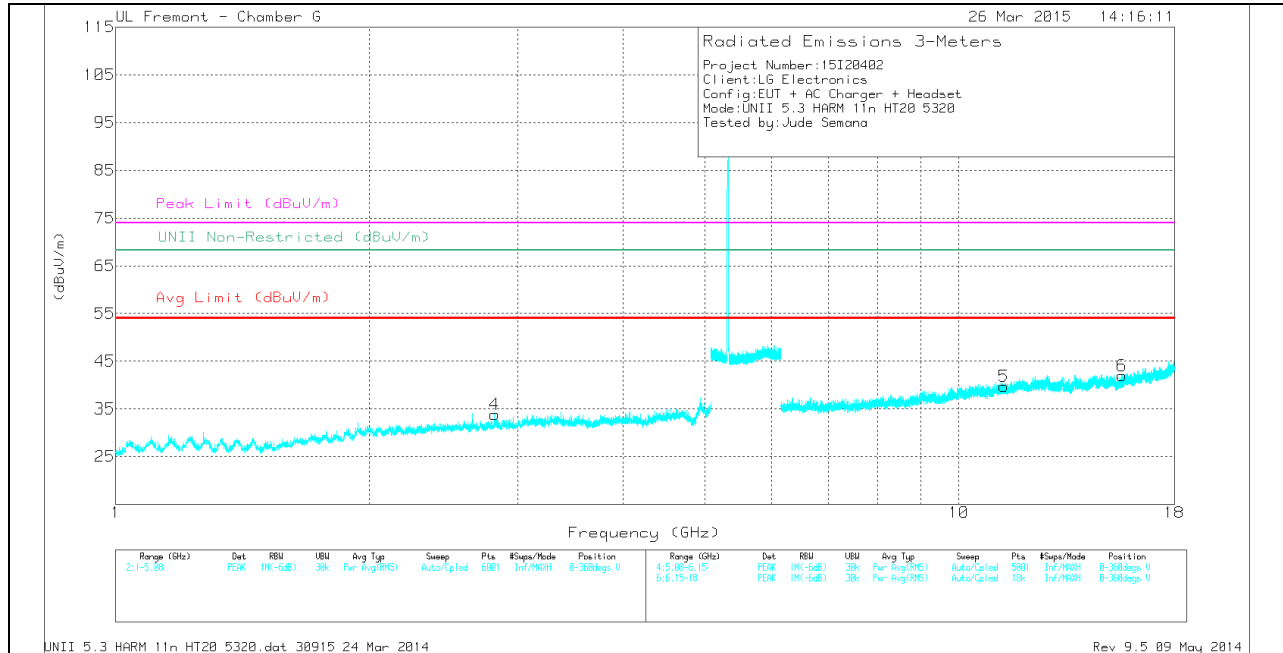
PK - Peak detector

**HIGH CHANNEL HORIZONTAL**



Note: Emission was scanned up to 40GHz; No emissions were detected above the noise floor which was at least 20dB below the specification limit.

**HIGH CHANNEL VERTICAL**



Note: Emission was scanned up to 40GHz; No emissions were detected above the noise floor which was at least 20dB below the specification limit.

**HIGH CHANNEL DATA**

*TRACE MARKERS*

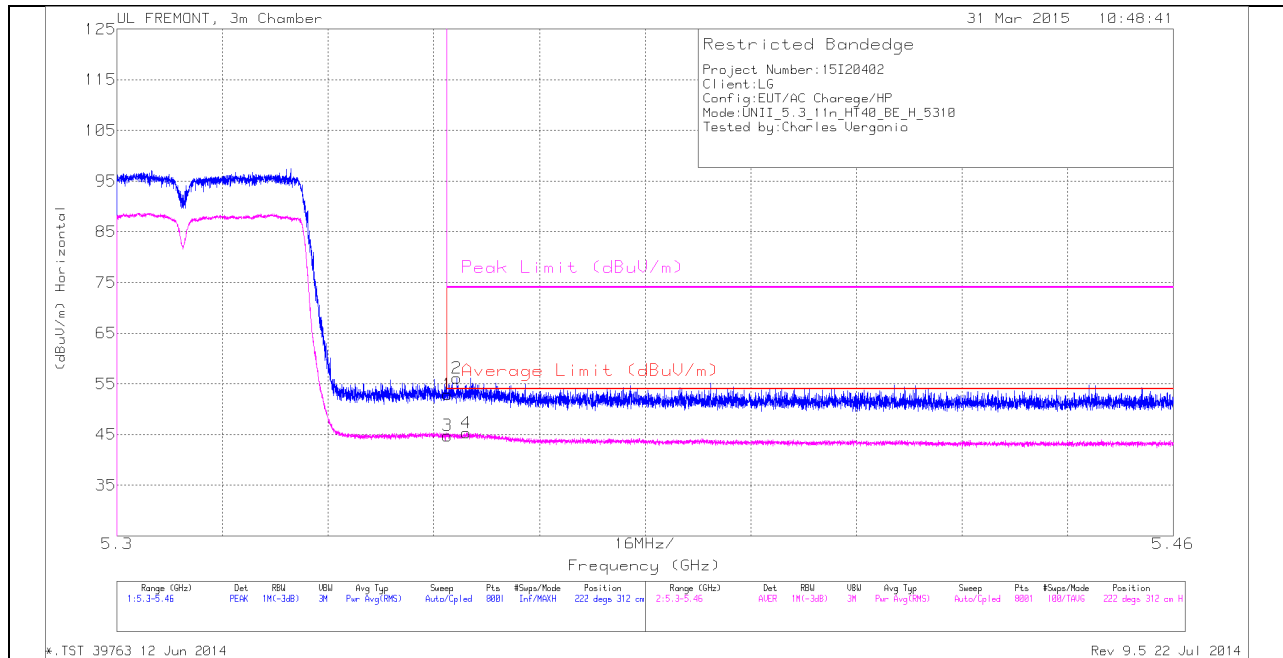
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T862 (dB/m)	Amp/Cbl/ Ftr/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
2	* 3.547	37.01	PK	32.8	-33.5	0	36.31	-	-	74	-37.69	-	-	0-360	201	H
4	* 2.814	35.35	PK	32.3	-33.8	0	33.85	-	-	74	-40.15	-	-	0-360	201	V
3	* 7.295	33.2	PK	35.6	-31.7	0	37.1	-	-	74	-36.9	-	-	0-360	201	H
5	* 11.308	28.44	PK	38.1	-26.8	0	39.74	-	-	74	-34.26	-	-	0-360	201	V
6	* 15.611	29.77	PK	40	-27.8	0	41.97	-	-	74	-32.03	-	-	0-360	201	V
1	1.648	36.04	PK	28.9	-34.6	0	30.34	-	-	-	-	68.2	-37.86	0-360	100	H

\* - indicates frequency in CFR15.205/IC7.2.2 Restricted Band

PK - Peak detector

**11.2.3. TX ABOVE 1 GHz 802.11n HT40 MODE IN THE 5.3 GHz BAND  
 AUTHORIZED BANDEDGE (HIGH CHANNEL)**

**HORIZONTAL PEAK AND AVERAGE PLOT**



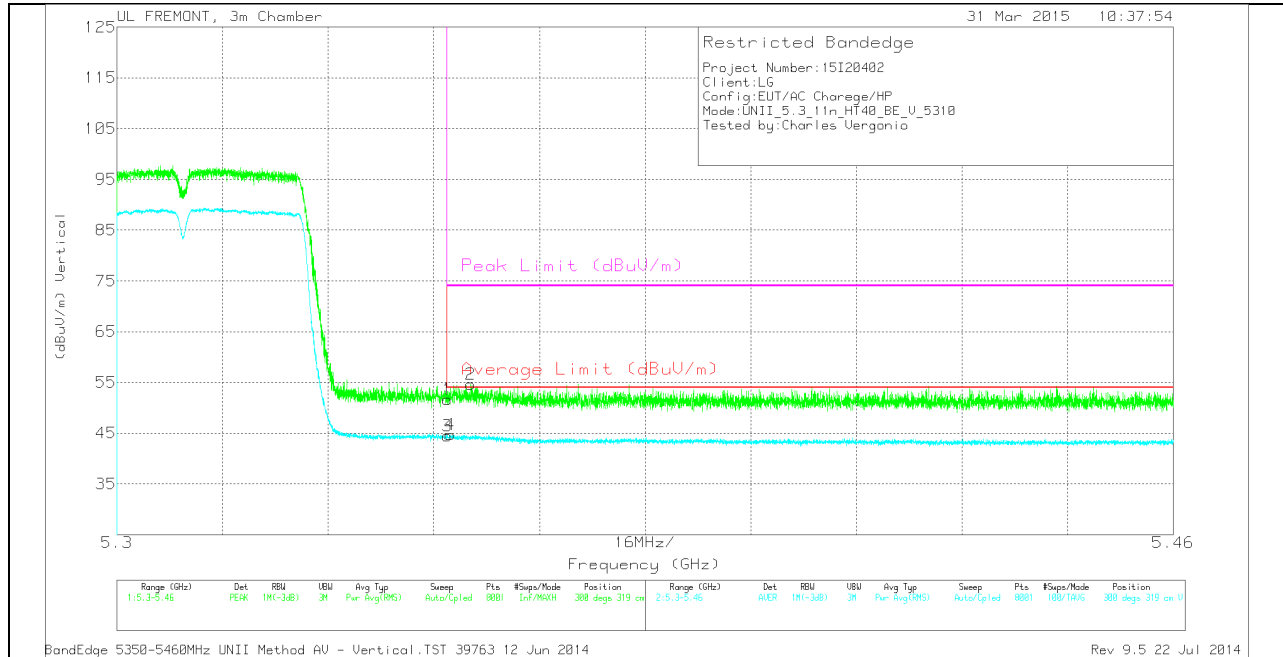
**HORIZONTAL DATA**

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T119 (dB/m)	Amp/Cbl/Fitter/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.35	39.8	PK	34.5	-21.4	0	52.9	-	-	74	-21.1	222	312	H
3	5.35	31.21	RMS	34.5	-21.4	.45	44.76	54	-9.24	-	-	222	312	H
2	5.352	43.08	PK	34.5	-21.4	0	56.18	-	-	74	-17.82	222	312	H
4	5.353	31.81	RMS	34.5	-21.4	.45	45.36	54	-8.64	-	-	222	312	H

PK - Peak detector

RMS - RMS detection

**VERTICAL PEAK AND AVERAGE PLOT**



**VERTICAL DATA**

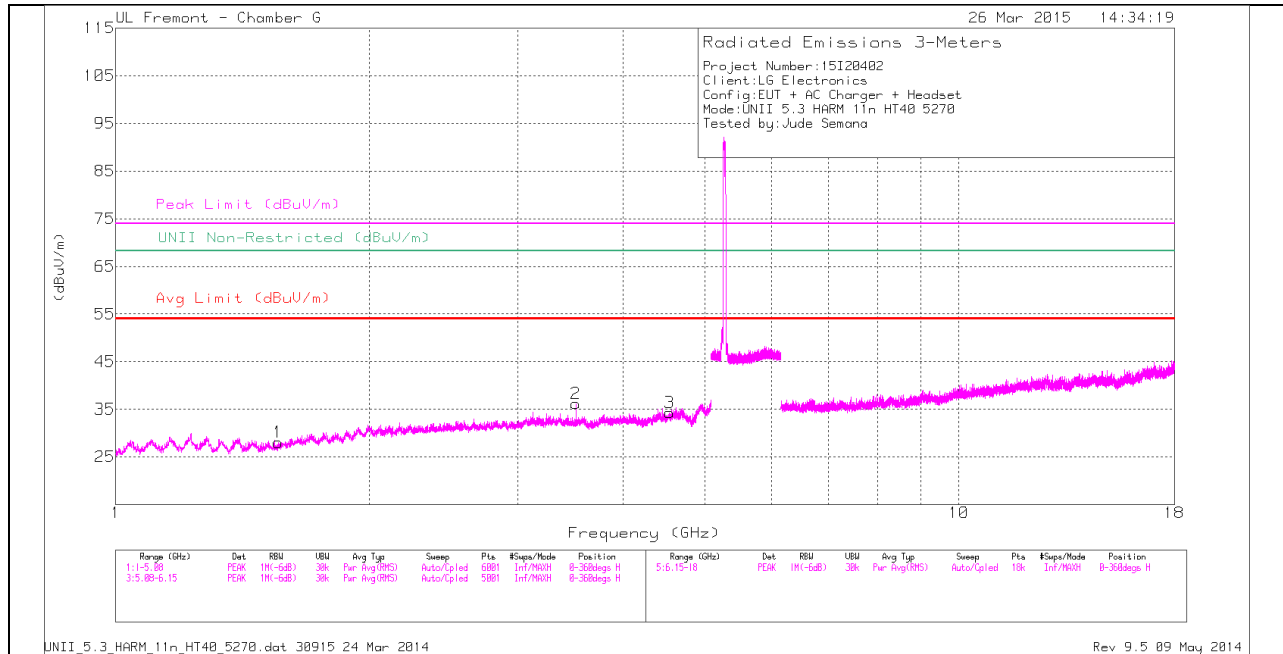
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T119 (dB/m)	Amp/Cbl/Fit r/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.35	38.52	PK	34.5	-21.4	0	51.62	-	-	74	-22.38	300	319	V
3	5.35	31.14	RMS	34.5	-21.4	.45	44.69	54	-9.31	-	-	300	319	V
4	5.35	31.33	RMS	34.5	-21.4	.45	44.88	54	-9.12	-	-	300	319	V
2	5.354	41.54	PK	34.5	-21.4	0	54.64	-	-	74	-19.36	300	319	V

PK - Peak detector

RMS - RMS detection

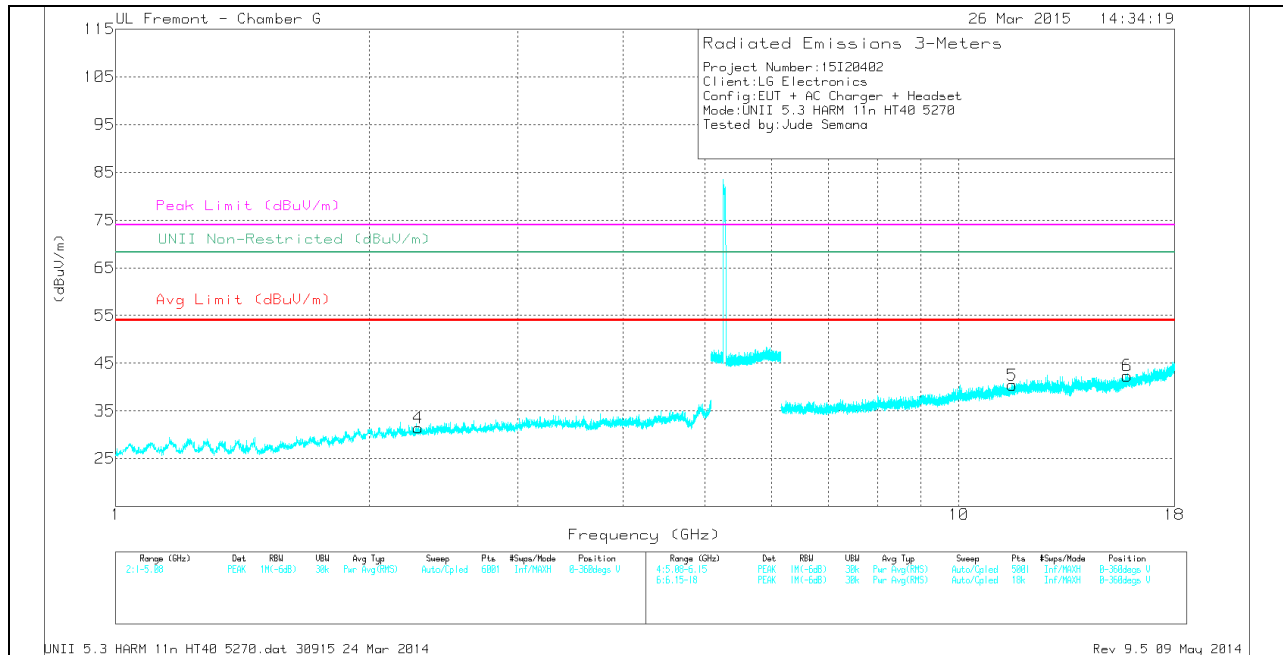
**HARMONICS AND SPURIOUS EMISSIONS**

**LOW CHANNEL HORIZONTAL**



Note: Emission was scanned up to 40GHz; No emissions were detected above the noise floor which was at least 20dB below the specification limit.

**LOW CHANNEL VERTICAL**



Note: Emission was scanned up to 40GHz; No emissions were detected above the noise floor which was at least 20dB below the specification limit.



**LOW CHANNEL DATA**

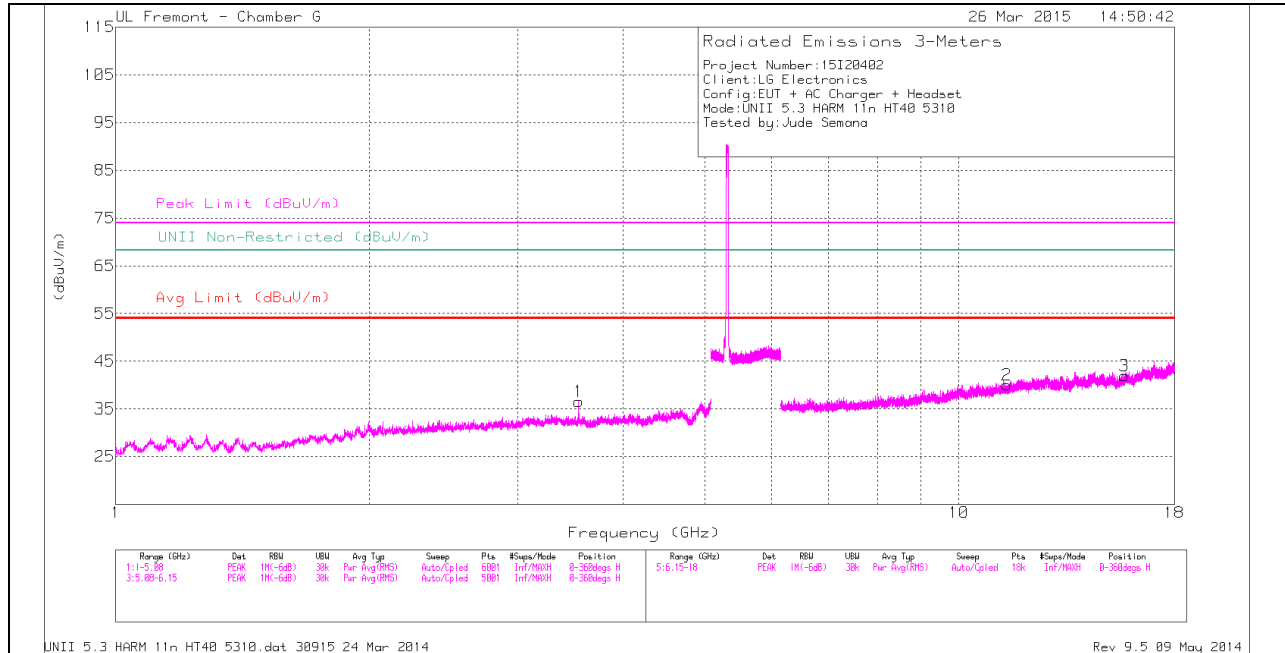
*TRACE MARKERS*

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T862 (dB/m)	Amp/Cbl/ Ftr/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 1.558	35.36	PK	28.3	-35.6	0	28.06	-	-	74	-45.94	-	-	0-360	101	H
2	* 3.513	37.11	PK	32.8	-33.7	0	36.21	-	-	74	-37.79	-	-	0-360	201	H
3	* 4.537	33.5	PK	33.8	-33	0	34.3	-	-	74	-39.7	-	-	0-360	201	H
4	* 2.285	34.45	PK	31.6	-34.6	0	31.45	-	-	74	-42.55	-	-	0-360	101	V
5	* 11.571	29.02	PK	38.4	-27	0	40.42	-	-	74	-33.58	-	-	0-360	201	V
6	* 15.822	28.86	PK	40.3	-26.8	0	42.36	-	-	74	-31.64	-	-	0-360	201	V

\* - indicates frequency in CFR15.205/IC7.2.2 Restricted Band

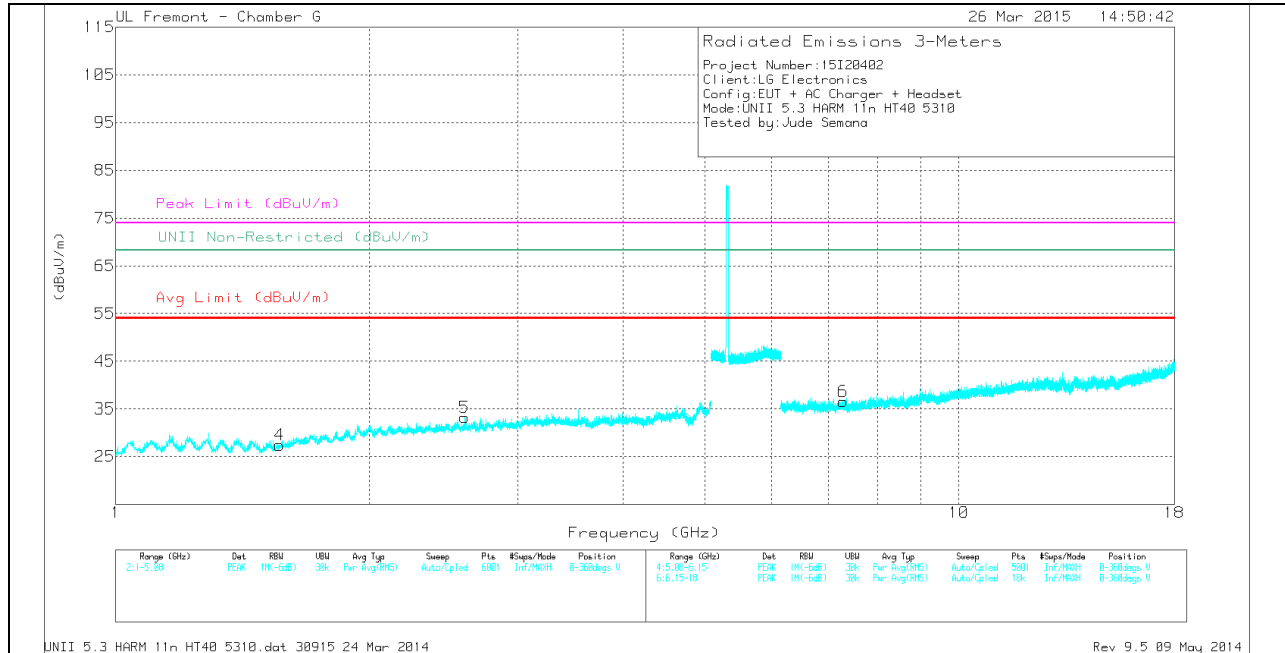
PK - Peak detector

**HIGH CHANNEL HORIZONTAL**



Note: Emission was scanned up to 40GHz; No emissions were detected above the noise floor which was at least 20dB below the specification limit.

**HIGH CHANNEL VERTICAL**



Note: Emission was scanned up to 40GHz; No emissions were detected above the noise floor which was at least 20dB below the specification limit.

**HIGH CHANNEL DATA**

*TRACE MARKERS*

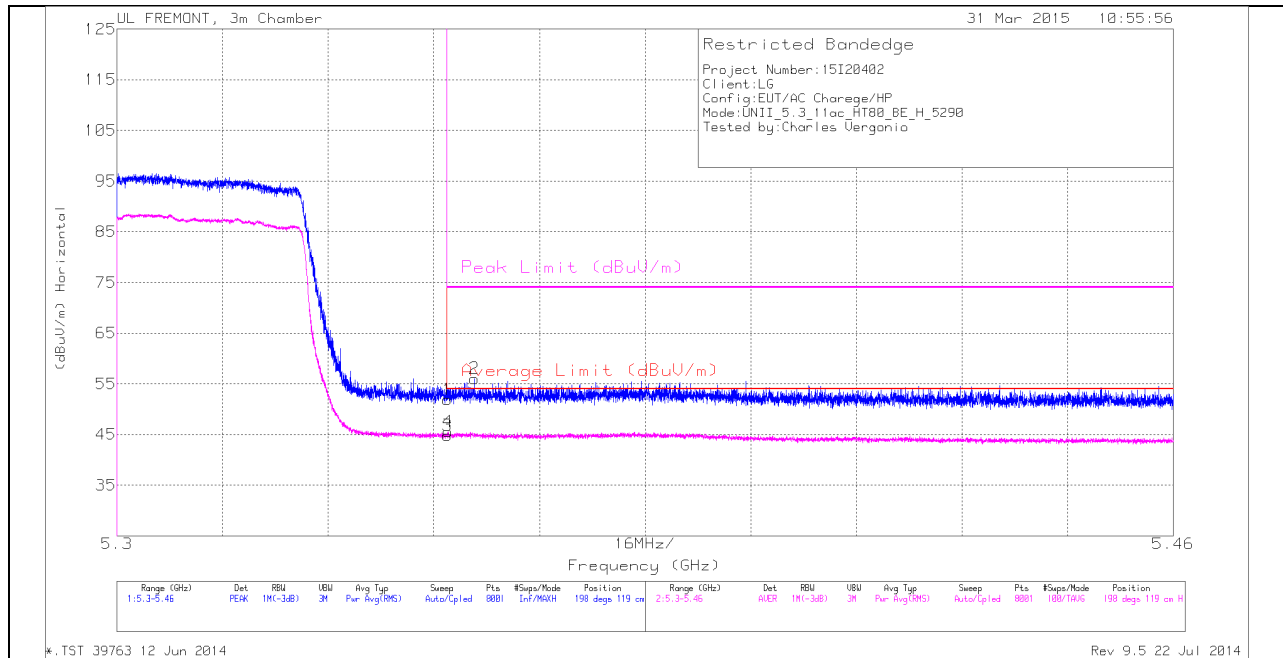
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T862 (dB/m)	Amp/Cbl/Fitr/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 3.54	37.26	PK	32.8	-33.5	0	36.56	-	-	74	-37.44	-	-	0-360	101	H
4	* 1.564	34.72	PK	28.3	-35.6	0	27.42	-	-	74	-46.58	-	-	0-360	201	V
2	* 11.394	28.59	PK	38.2	-26.8	0	39.99	-	-	74	-34.01	-	-	0-360	101	H
3	* 15.712	29.14	PK	40.2	-27.4	0	41.94	-	-	74	-32.06	-	-	0-360	101	H
6	* 7.286	32.57	PK	35.6	-31.6	0	36.57	-	-	74	-37.43	-	-	0-360	201	V
5	2.594	35.33	PK	32.1	-34.2	0	33.23	-	-	-	-	68.2	-34.97	0-360	201	V

\* - indicates frequency in CFR15.205/IC7.2.2 Restricted Band

PK - Peak detector

**11.2.4. TX ABOVE 1 GHz 802.11ac HT80 MODE IN THE 5.3 GHz BAND  
 AUTHORIZED BANDEDGE (HIGH CHANNEL)**

**HORIZONTAL PEAK AND AVERAGE PLOT**



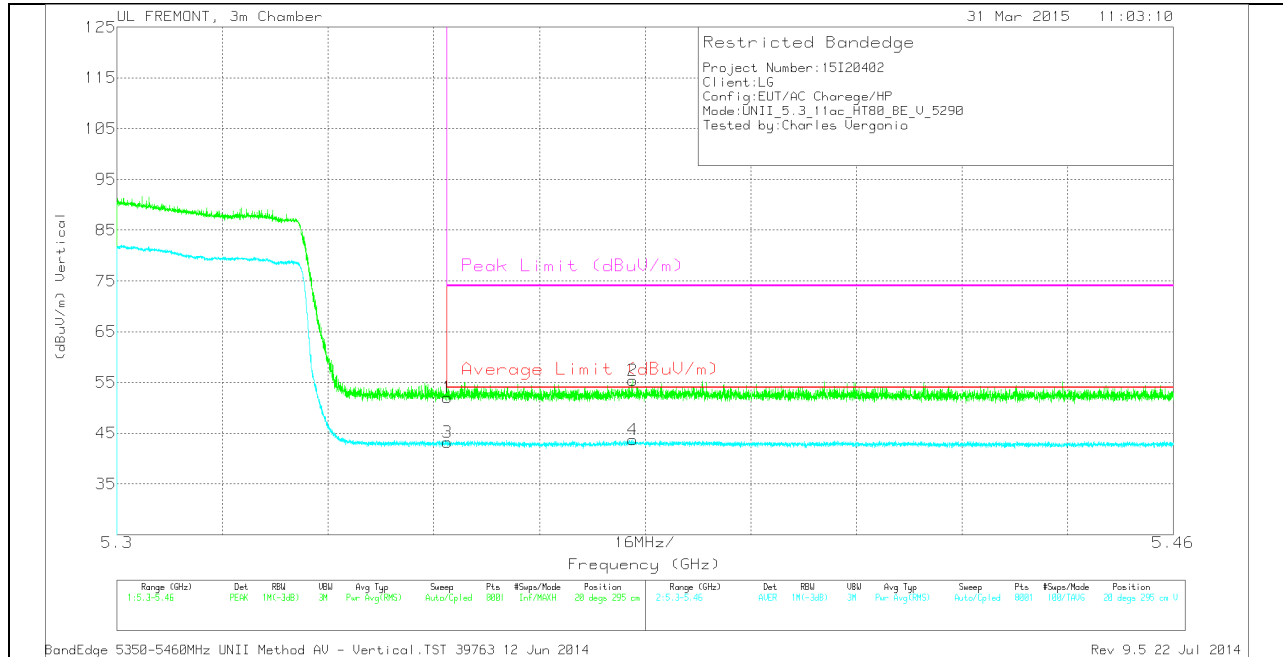
**HORIZONTAL DATA**

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T119 (dB/m)	Amp/Cbl/Fit r/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.35	38.81	PK	34.5	-21.4	0	51.91	-	-	74	-22.09	198	119	H
3	5.35	31.07	RMS	34.5	-21.4	.37	44.88	54	-9.46	-	-	198	119	H
4	5.35	31.73	RMS	34.5	-21.4	.37	45.20	54	-8.80	-	-	198	119	H
2	5.354	43.06	PK	34.5	-21.5	0	56.06	-	-	74	-17.94	198	119	H

PK - Peak detector

RMS - RMS detection

**VERTICAL PEAK AND AVERAGE PLOT**



**VERTICAL DATA**

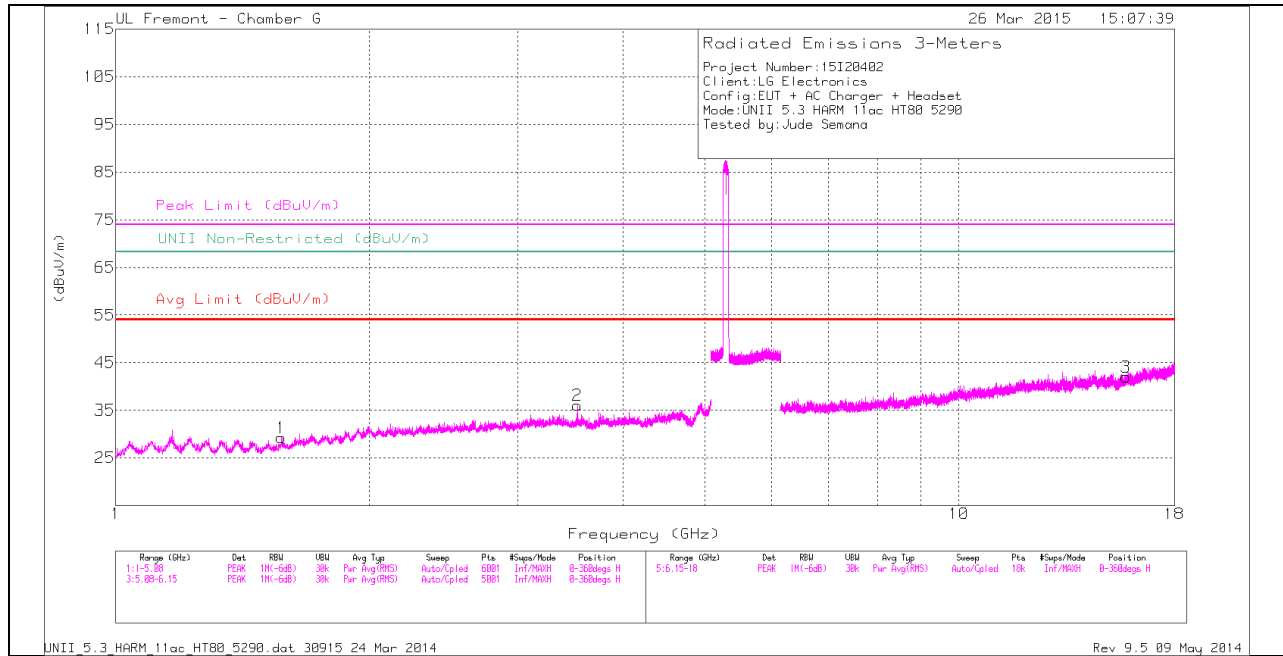
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T119 (dB/m)	Amp/Cbl/Filtr/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.35	38.92	PK	34.5	-21.4	0	52.02	-	-	74	-21.98	20	295	V
3	5.35	30.14	RMS	34.5	-21.4	.37	43.61	54	-10.39	-	-	20	295	V
2	5.378	42.03	PK	34.6	-21.3	0	55.33	-	-	74	-18.67	20	295	V
4	5.378	30.42	RMS	34.6	-21.3	.37	44.09	54	-9.91	-	-	20	295	V

PK - Peak detector

RMS - RMS detection

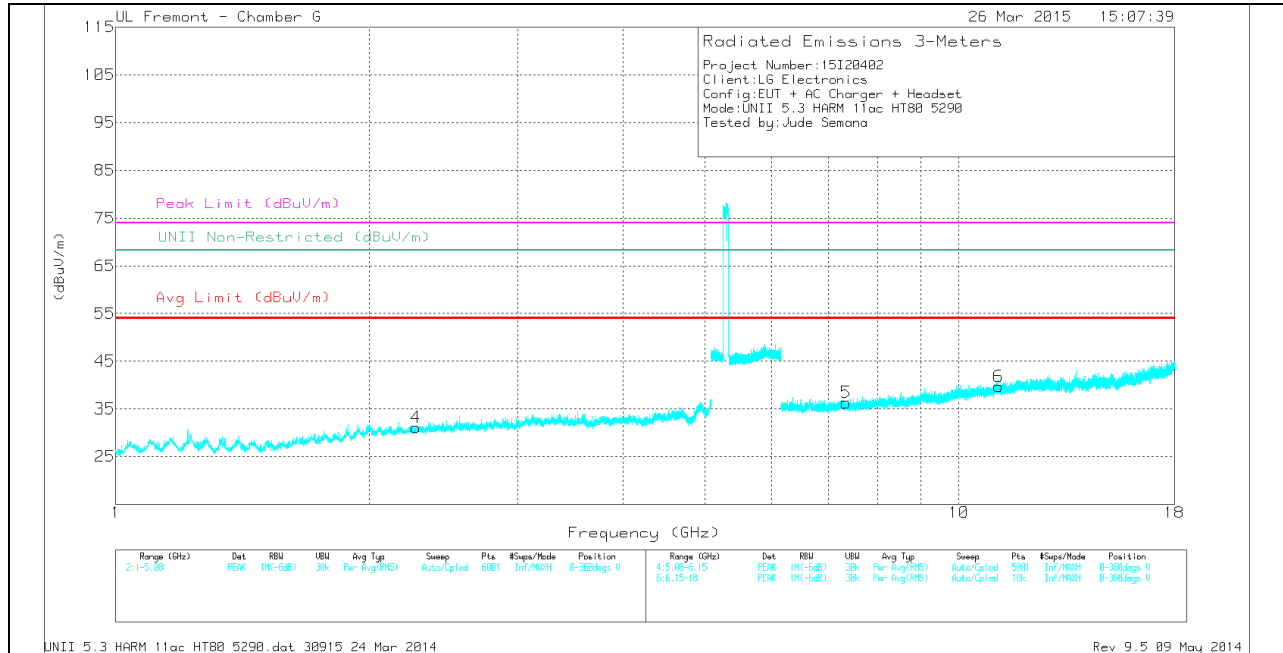
**HARMONICS AND SPURIOUS EMISSIONS**

**LOW CHANNEL HORIZONTAL**



Note: Emission was scanned up to 40GHz; No emissions were detected above the noise floor which was at least 20dB below the specification limit.

**LOW CHANNEL VERTICAL**



Note: Emission was scanned up to 40GHz; No emissions were detected above the noise floor which was at least 20dB below the specification limit.



**LOW CHANNEL DATA**

*TRACE MARKERS*

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T862 (dB/m)	Amp/Cbl/ Ftr/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 1.572	36.37	PK	28.4	-35.5	0	29.27	-	-	74	-44.73	-	-	0-360	201	H
2	* 3.527	36.75	PK	32.8	-33.5	0	36.05	-	-	74	-37.95	-	-	0-360	101	H
4	* 2.27	34.29	PK	31.5	-34.7	0	31.09	-	-	74	-42.91	-	-	0-360	101	V
3	* 15.78	28.71	PK	40.2	-26.9	0	42.01	-	-	74	-31.99	-	-	0-360	101	H
5	* 7.345	32.22	PK	35.6	-31.5	0	36.32	-	-	74	-37.68	-	-	0-360	201	V
6	* 11.151	29.03	PK	37.9	-27.2	0	39.73	-	-	74	-34.27	-	-	0-360	201	V

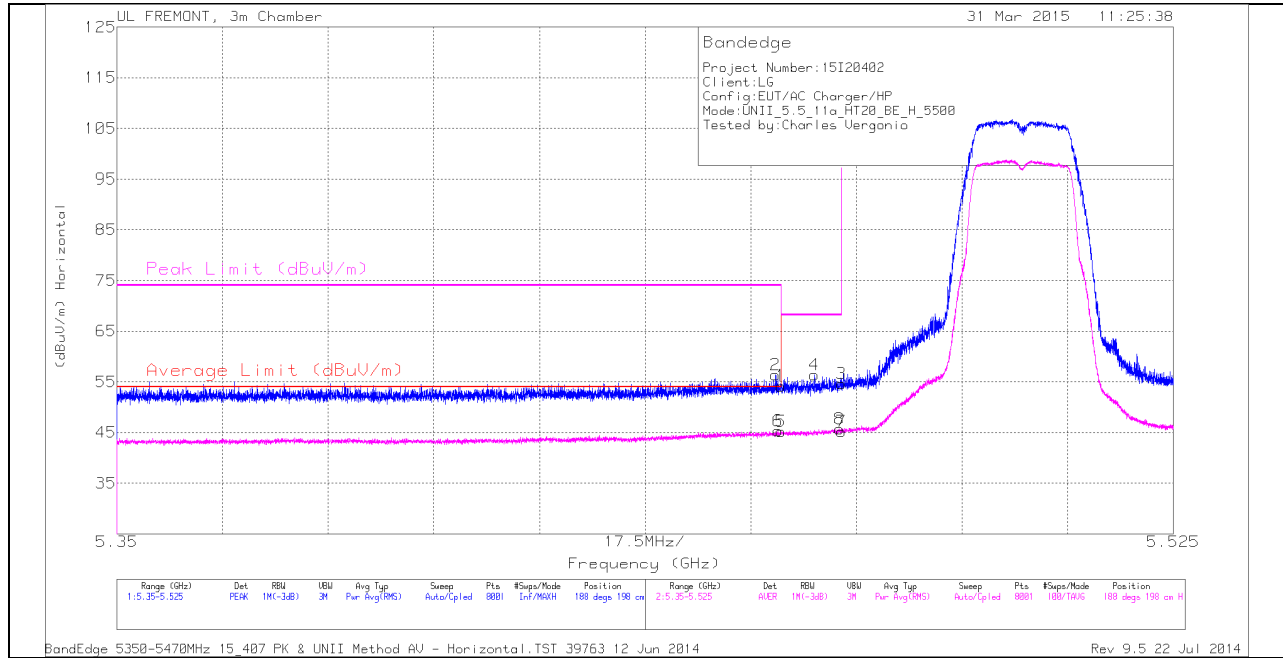
\* - indicates frequency in CFR15.205/IC7.2.2 Restricted Band

PK - Peak detector

### 11.3. 5.5-5.6 GHz

#### 11.3.1. TX ABOVE 1 GHz 802.11a MODE IN THE 5.5 GHz BAND RESTRICTED BANDEDGE (LOW CHANNEL)

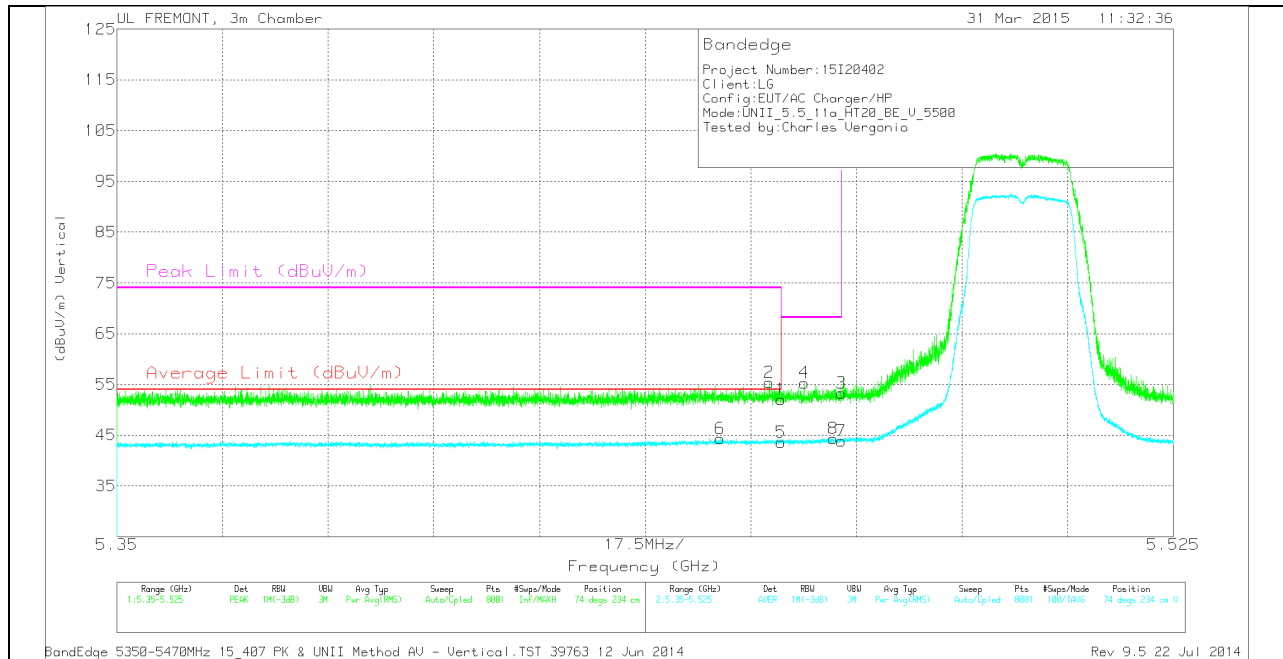
HORIZONTAL PEAK AND AVERAGE PLOT



HORIZONTAL DATA

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T119 (dB/m)	Amp/Cbl/Filter/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
2	5.459	43.17	PK	34.6	-21.4	0	56.37	-	-	74	-17.63	188	198	H
1	5.46	41	PK	34.6	-21.4	0	54.2	-	-	74	-19.8	188	198	H
5	5.46	31.75	RMS	34.6	-21.4	.21	45.16	54	-8.84	-	-	188	198	H
6	5.46	31.86	RMS	34.6	-21.4	.21	45.27	54	-8.73	-	-	188	198	H
4	5.466	43.11	PK	34.6	-21.3	0	56.41	-	-	68.2	-11.79	188	198	H
3	5.47	41.37	PK	34.6	-21.3	0	54.67	-	-	68.2	-13.53	188	198	H
7	5.47	31.7	RMS	34.6	-21.3	.21	45.21	-	-	-	-	188	198	H
8	5.47	32.17	RMS	34.6	-21.3	.21	45.68	-	-	-	-	188	198	H

**VERTICAL PEAK AND AVERAGE PLOT**

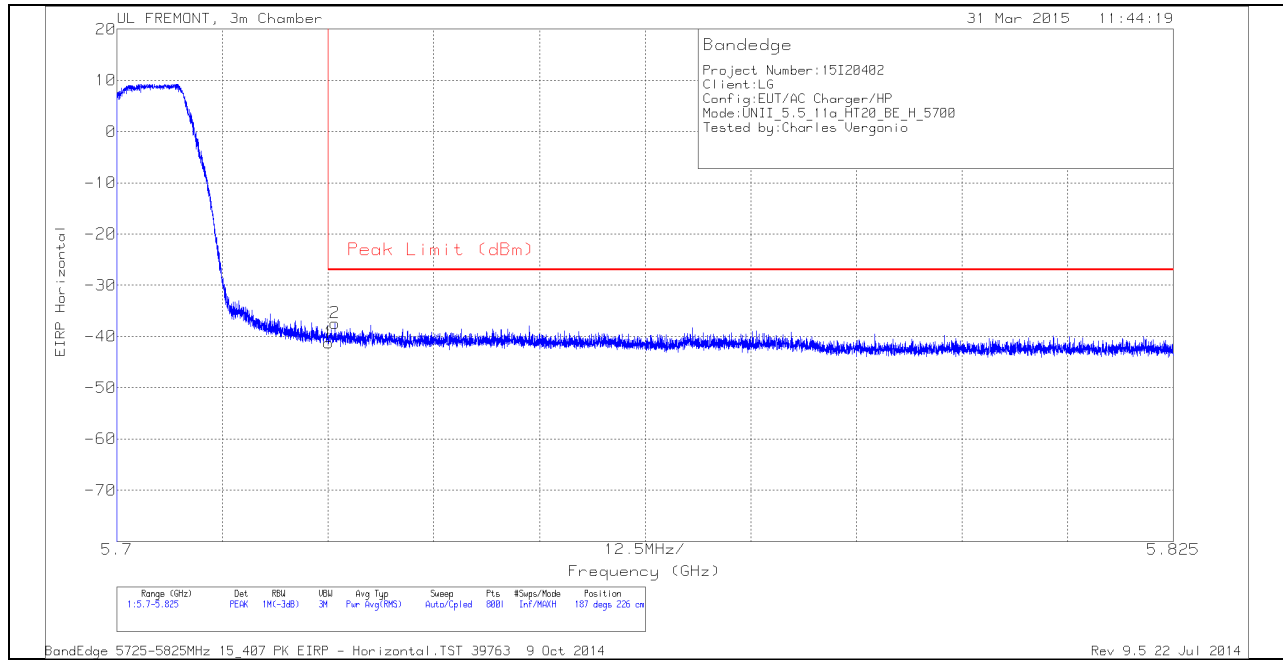


**VERTICAL DATA**

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T119 (dB/m)	Amp/Cb/r/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
6	5.45	30.95	RMS	34.6	-21.4	.21	44.36	54	-9.64	-	-	74	234	V
2	5.458	42.21	PK	34.6	-21.4	0	55.41	-	-	74	-18.59	74	234	V
1	5.46	38.84	PK	34.6	-21.4	0	52.04	-	-	74	-21.96	74	234	V
5	5.46	30.2	RMS	34.6	-21.4	.21	43.61	54	-10.39	-	-	74	234	V
4	5.464	42.12	PK	34.6	-21.4	0	55.32	-	-	68.2	-12.88	74	234	V
8	5.469	30.84	RMS	34.6	-21.3	.21	44.35	-	-	-	-	74	234	V
3	5.47	39.92	PK	34.6	-21.3	0	53.22	-	-	68.2	-14.98	74	234	V
7	5.47	30.34	RMS	34.6	-21.3	.21	43.85	-	-	-	-	74	234	V

**AUTHORIZED BANDEDGE (HIGH CHANNEL)**

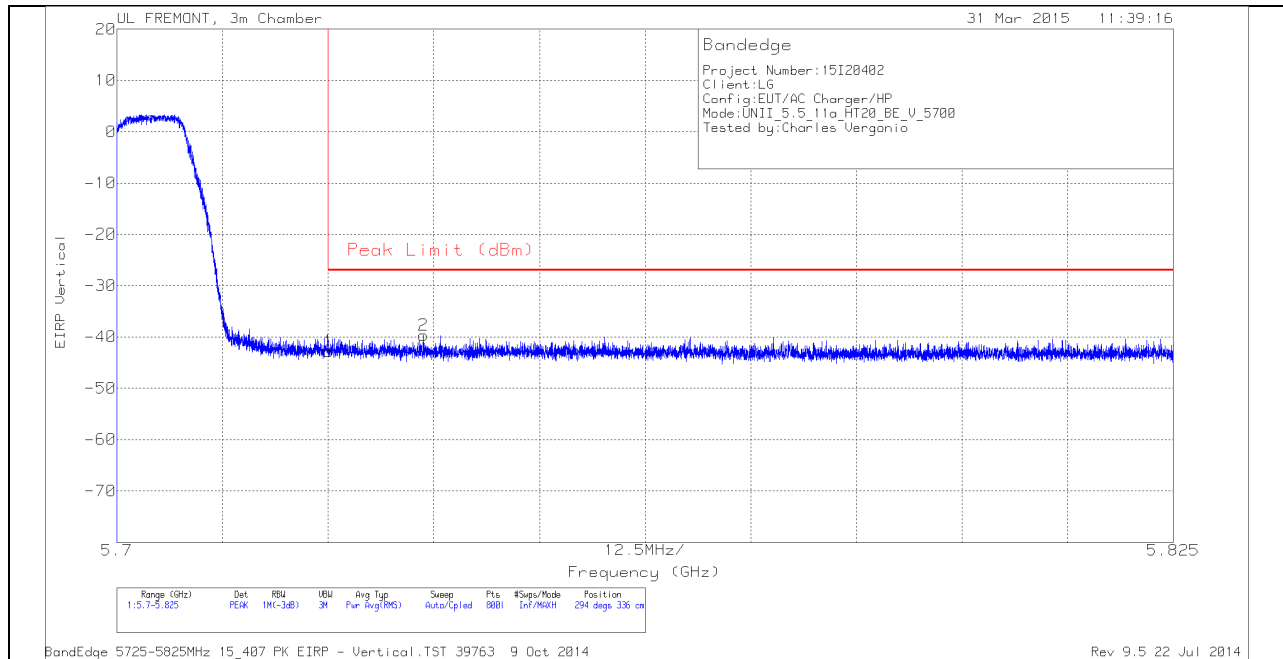
**HORIZONTAL PEAK AND AVERAGE PLOT**



**HORIZONTAL DATA**

Marker	Frequency (GHz)	Meter Reading (dBm)	Det	AF T119 (dB/m)	Amp/Cbl/F ltr/Pad (dB)	Conversion Factor (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.725	-66.73	PK	34.8	-21.1	11.8	-41.23	-27	-14.23	187	226	H
2	5.726	-62.88	PK	34.8	-21.1	11.8	-37.38	-27	-10.38	187	226	H

**VERTICAL PEAK AND AVERAGE PLOT**

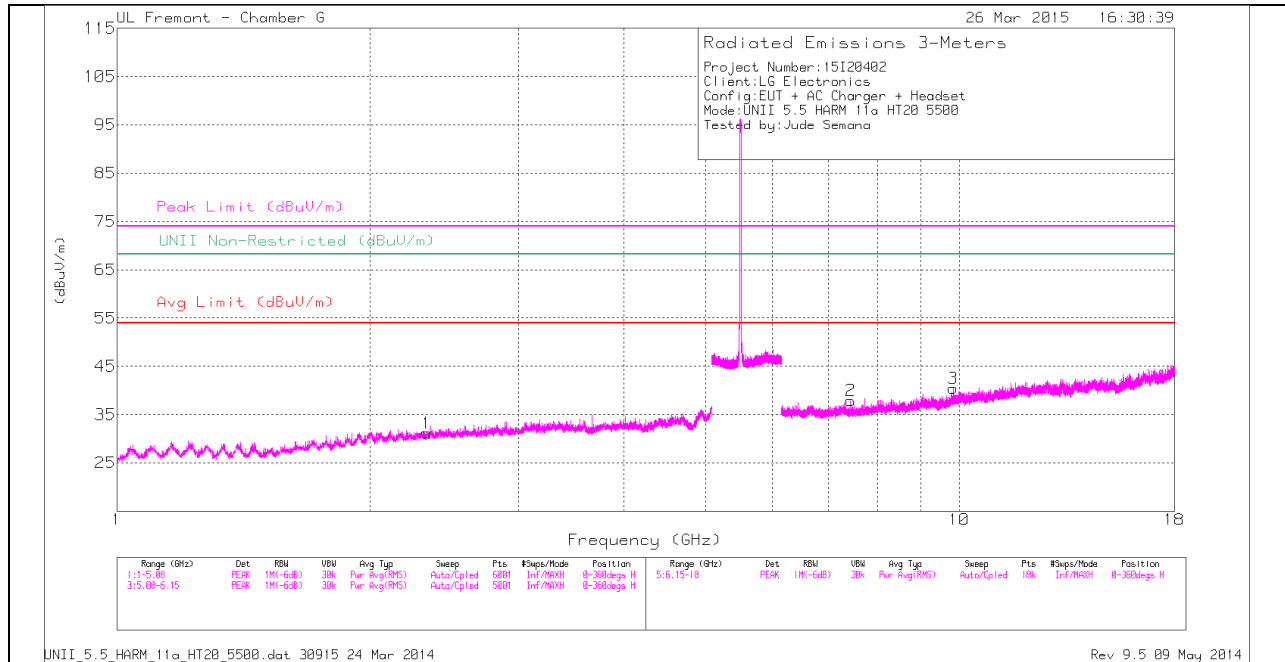


**VERTICAL DATA**

Marker	Frequency (GHz)	Meter Reading (dBm)	Det	AF T119 (dB/m)	Amp/Cbl/F ltr/Pad (dB)	Conversion Factor (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.725	-68.29	PK	34.8	-21.1	11.8	-42.79	-27	-15.79	294	336	V
2	5.736	-65.1	PK	34.8	-21.1	11.8	-39.6	-27	-12.6	294	336	V

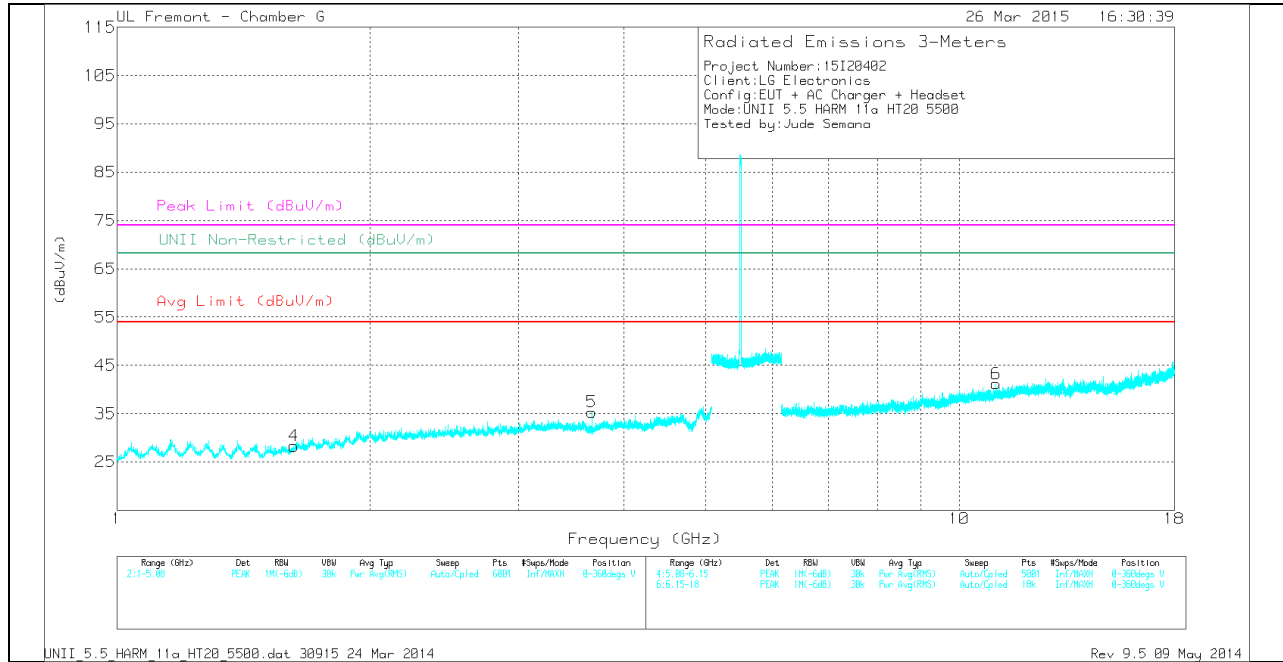
**HARMONICS AND SPURIOUS EMISSIONS**

**LOW CHANNEL HORIZONTAL**



Note: Emission was scanned up to 40GHz; No emissions were detected above the noise floor which was at least 20dB below the specification limit.

**LOW CHANNEL VERTICAL**



Note: Emission was scanned up to 40GHz; No emissions were detected above the noise floor which was at least 20dB below the specification limit.

**LOW CHANNEL DATA**

*TRACE MARKERS*

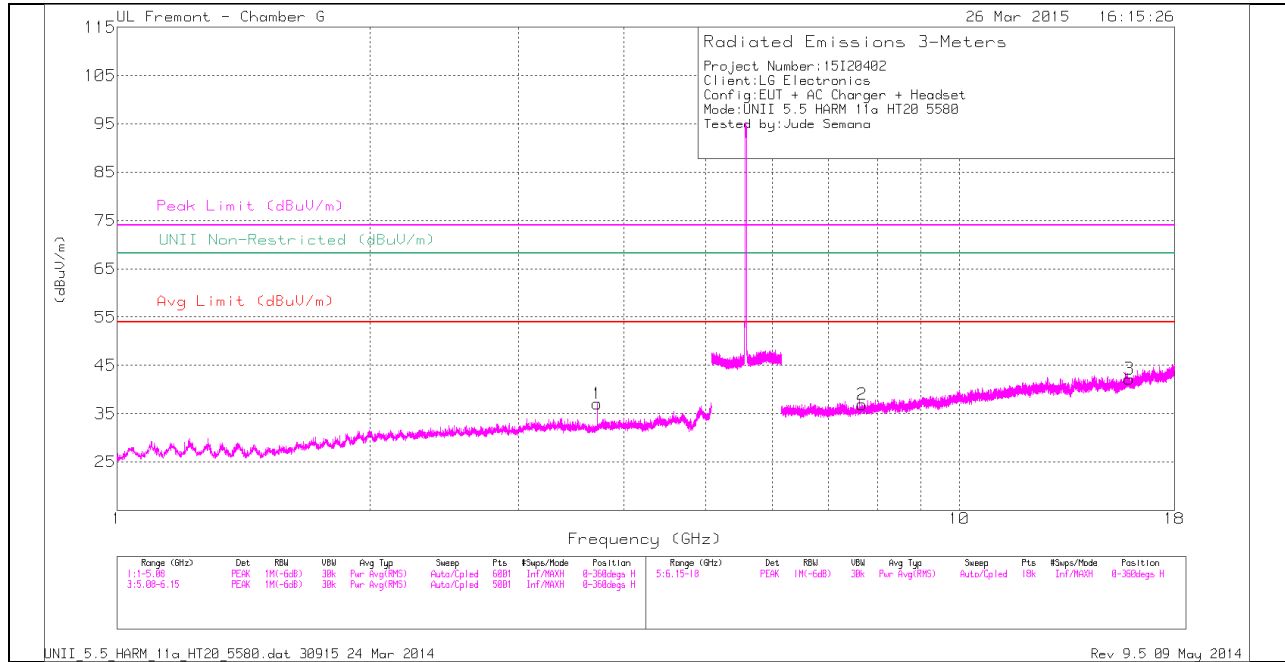
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T862 (dB/m)	Amp/Cbl/ Ftr/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.333	34.01	PK	31.7	-34.5	0	31.21	-	-	74	-42.79	-	-	0-360	201	H
4	* 1.622	34.48	PK	28.7	-34.9	0	28.28	-	-	74	-45.72	-	-	0-360	101	V
5	* 3.666	36.11	PK	32.9	-33.7	0	35.31	-	-	74	-38.69	-	-	0-360	201	V
2	* 7.433	33.32	PK	35.6	-31	0	37.92	-	-	74	-36.08	-	-	0-360	201	H
6	* 11.061	30.19	PK	37.8	-26.8	0	41.19	-	-	74	-32.81	-	-	0-360	101	V
3	9.836	31.64	PK	37.1	-28.3	0	40.44	-	-	-	-	68.2	-27.76	0-360	101	H

\* - indicates frequency in CFR15.205/IC7.2.2 Restricted Band

PK - Peak detector

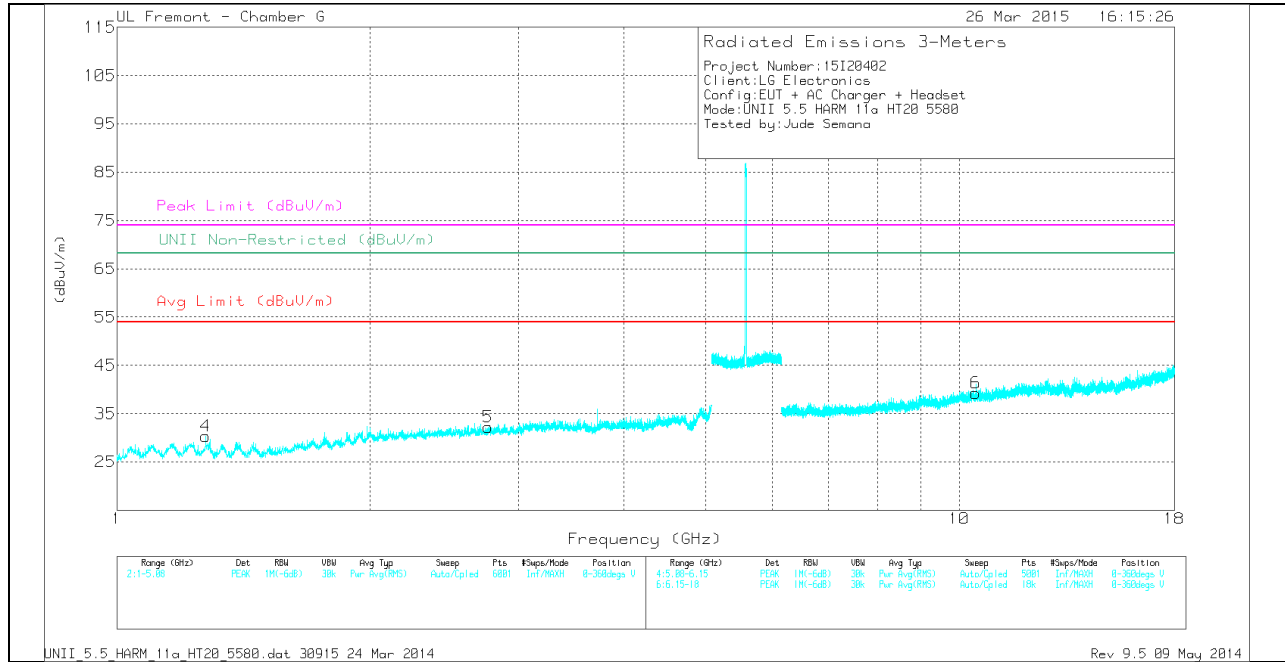


**MID CHANNEL HORIZONTAL**



Note: Emission was scanned up to 40GHz; No emissions were detected above the noise floor which was at least 20dB below the specification limit.

**MID CHANNEL VERTICAL**



Note: Emission was scanned up to 40GHz; No emissions were detected above the noise floor which was at least 20dB below the specification limit.

**MID CHANNEL DATA**

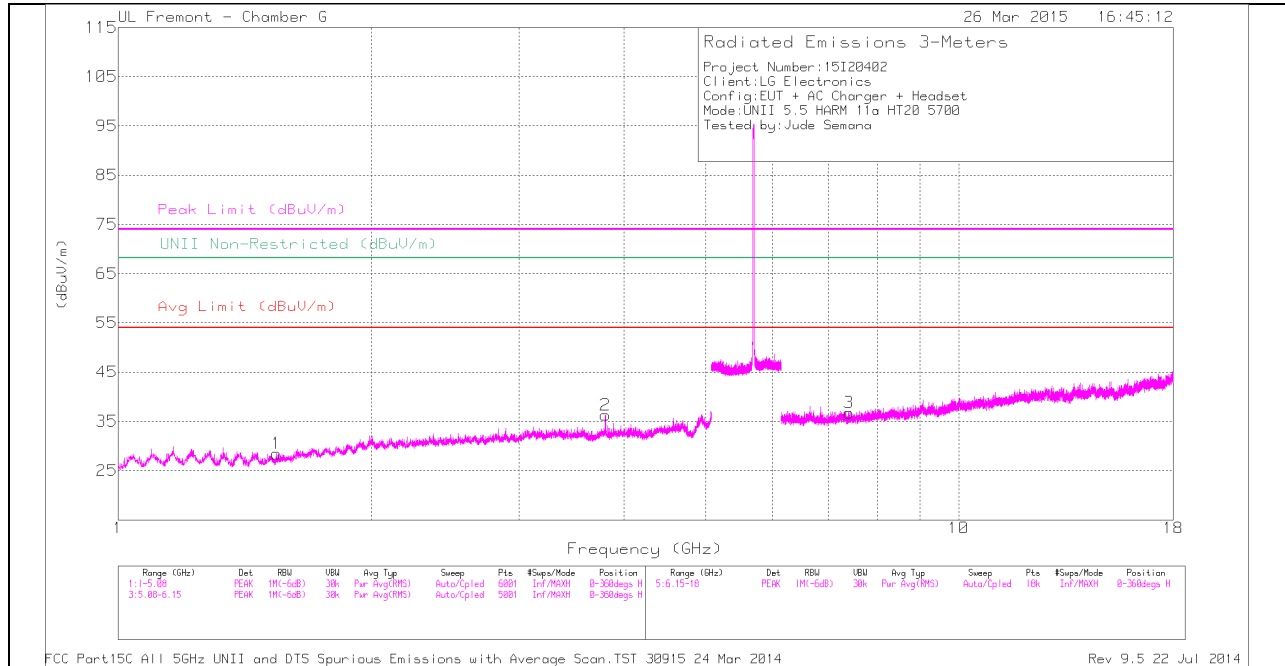
*TRACE MARKERS*

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T862 (dB/m)	Amp/Cbl/ Ftr/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 3.72	37.54	PK	32.9	-33.4	0	37.04	-	-	74	-36.96	-	-	0-360	201	H
4	* 1.275	37.04	PK	29.1	-35.8	0	30.34	-	-	74	-43.66	-	-	0-360	101	V
5	* 2.76	34.4	PK	32.2	-34.4	0	32.2	-	-	74	-41.8	-	-	0-360	101	V
2	* 7.668	31.79	PK	35.7	-30.6	0	36.89	-	-	74	-37.11	-	-	0-360	101	H
3	* 15.916	29	PK	40.4	-27.2	0	42.2	-	-	74	-31.8	-	-	0-360	201	H
6	10.458	29.47	PK	37.6	-27.8	0	39.27	-	-	-	-	68.2	-28.93	0-360	201	V

\* - indicates frequency in CFR15.205/IC7.2.2 Restricted Band

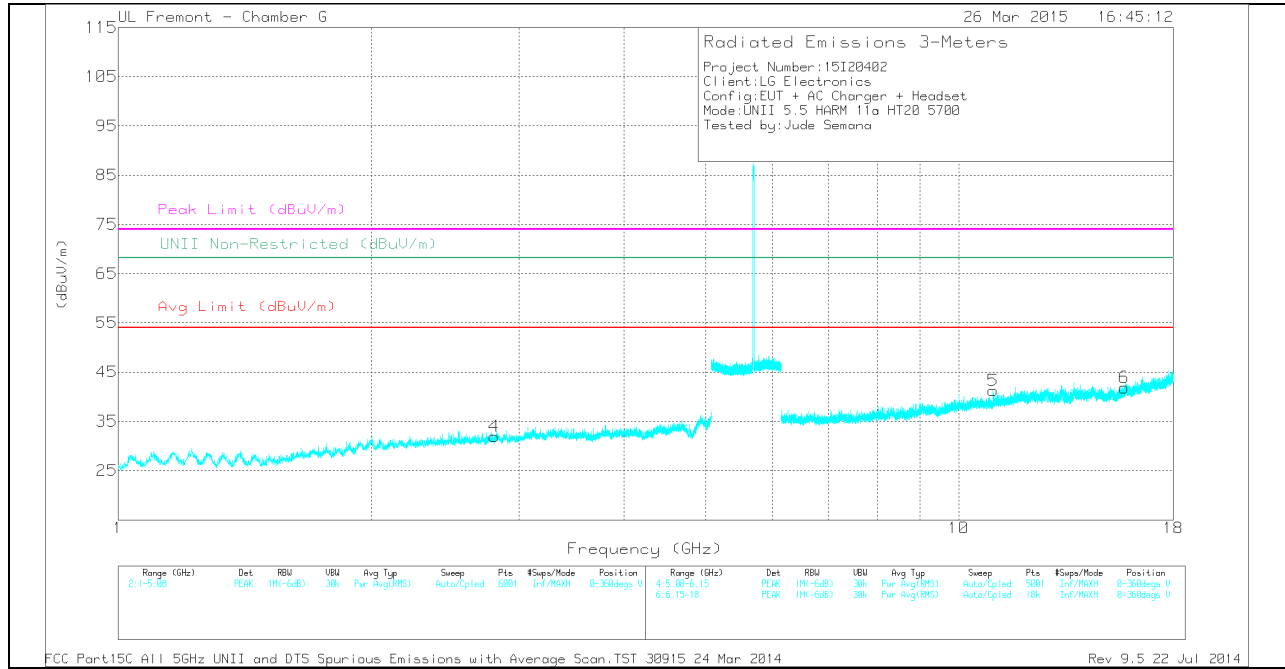
PK - Peak detector

**HIGH CHANNEL HORIZONTAL**



Note: Emission was scanned up to 40GHz; No emissions were detected above the noise floor which was at least 20dB below the specification limit.

**HIGH CHANNEL VERTICAL**



Note: Emission was scanned up to 40GHz; No emissions were detected above the noise floor which was at least 20dB below the specification limit.

**HIGH CHANNEL DATA**

*TRACE MARKERS*

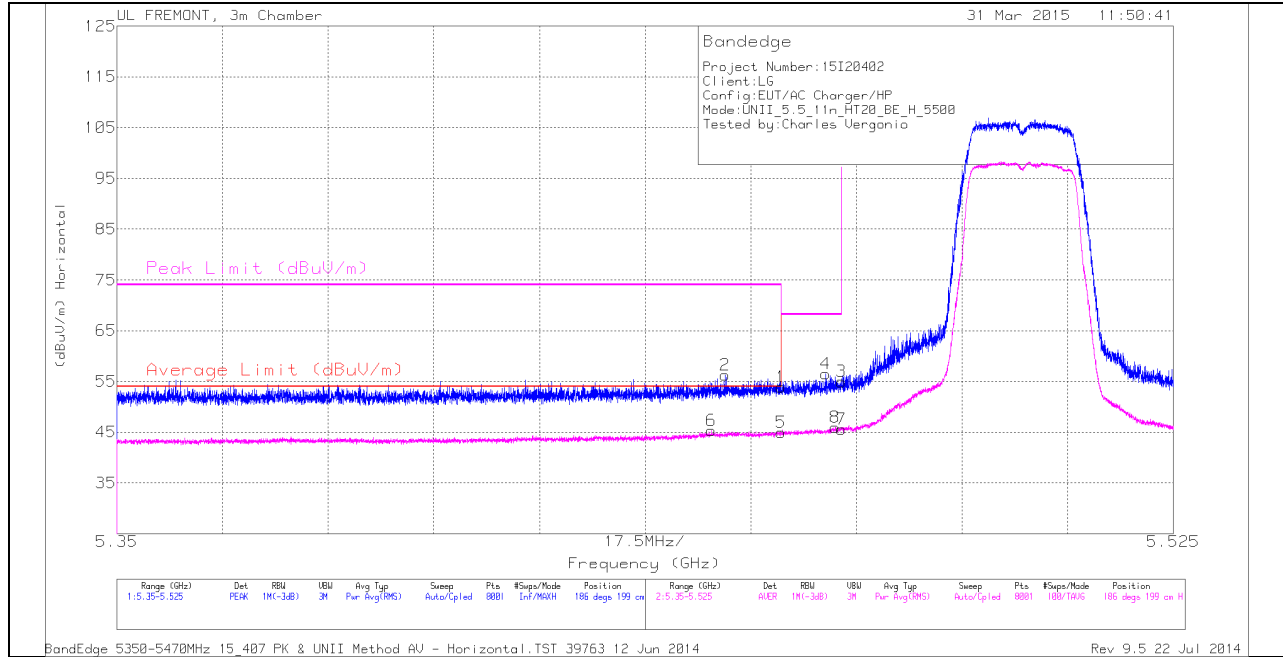
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T862 (dB/m)	Amp/Cbl/Fitr/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 1.543	35.84	PK	28.2	-35.6	0	28.44	-	-	74	-45.56	-	-	0-360	201	H
2	* 3.8	36.54	PK	33	-33.3	0	36.24	-	-	74	-37.76	-	-	0-360	201	H
4	* 2.803	33.74	PK	32.2	-34	0	31.94	-	-	74	-42.06	-	-	0-360	201	V
3	* 7.403	32.43	PK	35.6	-31.3	0	36.73	-	-	74	-37.27	-	-	0-360	101	H
5	* 10.99	30.64	PK	37.8	-27.2	0	41.24	-	-	74	-32.76	-	-	0-360	201	V
6	* 15.742	28.75	PK	40.2	-27.1	0	41.85	-	-	74	-32.15	-	-	0-360	201	V

\* - indicates frequency in CFR 47, Part 15 and Industry Canada RSS-Restricted Band.

PK - Peak detector

**11.3.2. TX ABOVE 1 GHz 802.11n HT20 MODE IN THE 5.5 GHz BAND  
 RESTRICTED BANDEDGE (LOW CHANNEL)**

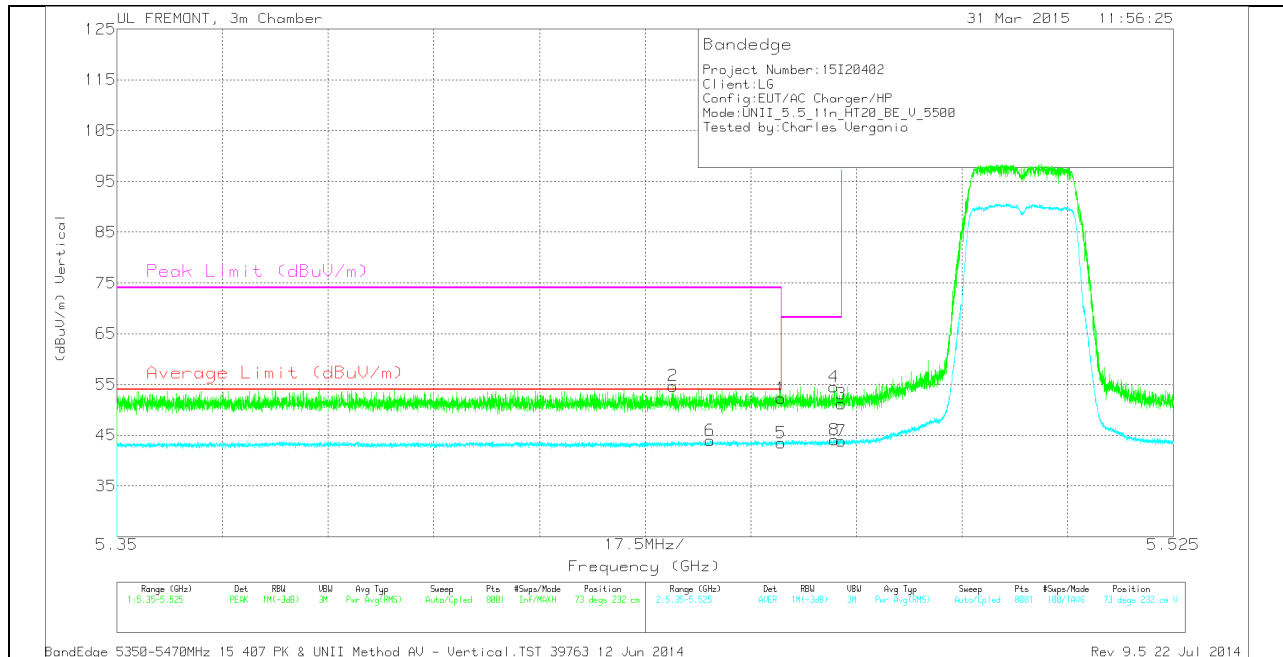
**HORIZONTAL PEAK AND AVERAGE PLOT**



**HORIZONTAL DATA**

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T119 (dB/m)	Amp/Cbl/Fitter/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
6	5.448	31.86	RMS	34.6	-21.4	.22	45.28	54	-8.72	-	-	186	199	H
2	5.451	43.05	PK	34.6	-21.4	0	56.25	-	-	74	-17.75	186	199	H
1	5.46	40.64	PK	34.6	-21.4	0	53.84	-	-	74	-20.16	186	199	H
5	5.46	31.5	RMS	34.6	-21.4	.22	44.92	54	-9.08	-	-	186	199	H
4	5.467	43.25	PK	34.6	-21.3	0	56.55	-	-	68.2	-11.65	186	199	H
8	5.469	32.42	RMS	34.6	-21.3	.22	45.94	-	-	-	-	186	199	H
3	5.47	41.65	PK	34.6	-21.3	0	54.95	-	-	68.2	-13.25	186	199	H
7	5.47	32.06	RMS	34.6	-21.3	.22	45.58	-	-	-	-	186	199	H

**VERTICAL PEAK AND AVERAGE PLOT**



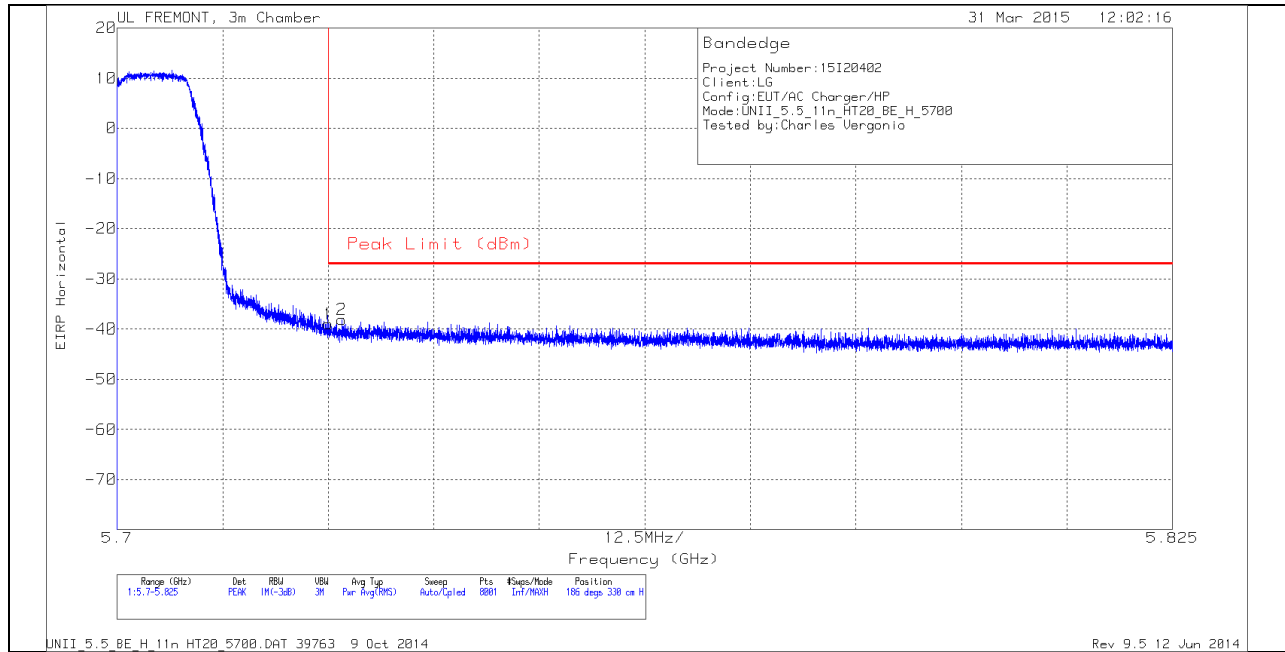
**VERTICAL DATA**

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T119 (dB/m)	Amp/Cb/r/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
2	5.442	41.6	PK	34.6	-21.5	0	54.7	-	-	74	-19.3	73	232	V
6	5.448	30.54	RMS	34.6	-21.4	.22	43.96	54	-10.04	-	-	73	232	V
1	5.46	39.06	PK	34.6	-21.4	0	52.26	-	-	74	-21.74	73	232	V
5	5.46	30.08	RMS	34.6	-21.4	.22	43.5	54	-10.5	-	-	73	232	V
4	5.469	41.21	PK	34.6	-21.3	0	54.51	-	-	68.2	-13.69	73	232	V
8	5.469	30.61	RMS	34.6	-21.3	.22	44.13	-	-	-	-	73	232	V
3	5.47	37.9	PK	34.6	-21.3	0	51.2	-	-	68.2	-17	73	232	V
7	5.47	30.26	RMS	34.6	-21.3	.22	43.78	-	-	-	-	73	232	V



**AUTHORIZED BANDEDGE (HIGH CHANNEL)**

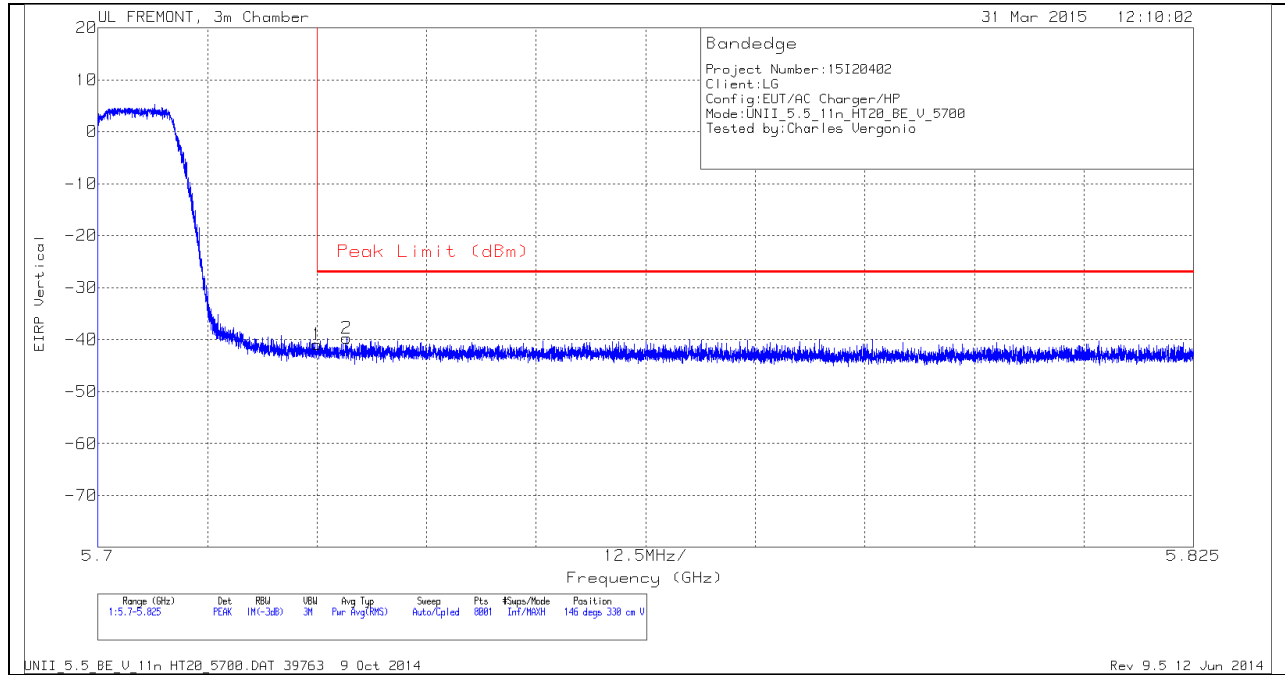
**HORIZONTAL PEAK AND AVERAGE PLOT**



**HORIZONTAL DATA**

Marker	Frequency (GHz)	Meter Reading (dBm)	Det	AF T119 (dB/m)	Amp/Cbl/F ltr/Pad (dB)	Conversion Factor (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.725	-64.43	PK	34.8	-21.1	11.8	-38.93	-27	-11.93	186	330	H
2	5.727	-63.61	PK	34.8	-21.1	11.8	-38.11	-27	-11.11	186	330	H

**VERTICAL PEAK AND AVERAGE PLOT**

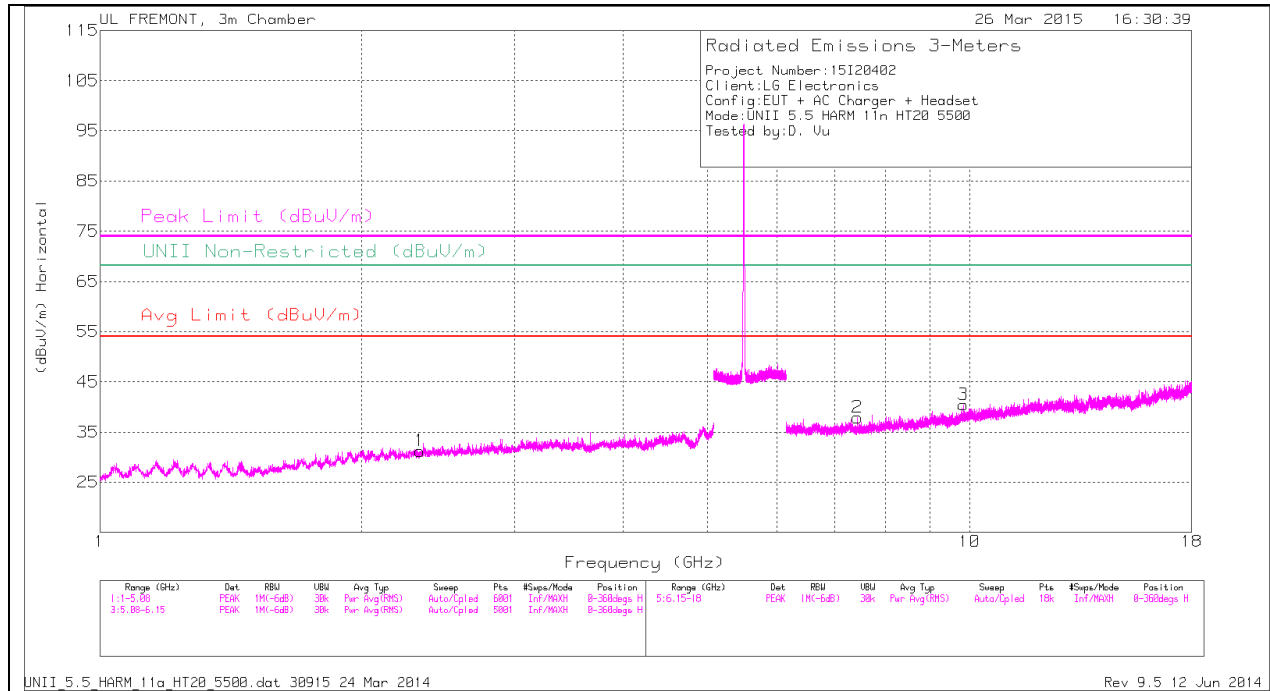


**VERTICAL DATA**

Marker	Frequency (GHz)	Meter Reading (dBm)	Det	AF T119 (dB/m)	Amp/Cb/Flt r/Pad (dB)	Conversion Factor (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.725	-66.4	PK	34.8	-21.1	11.8	-40.9	-27	-13.9	146	330	V
2	5.728	-65.11	PK	34.8	-21.2	11.8	-39.71	-27	-12.71	146	330	V

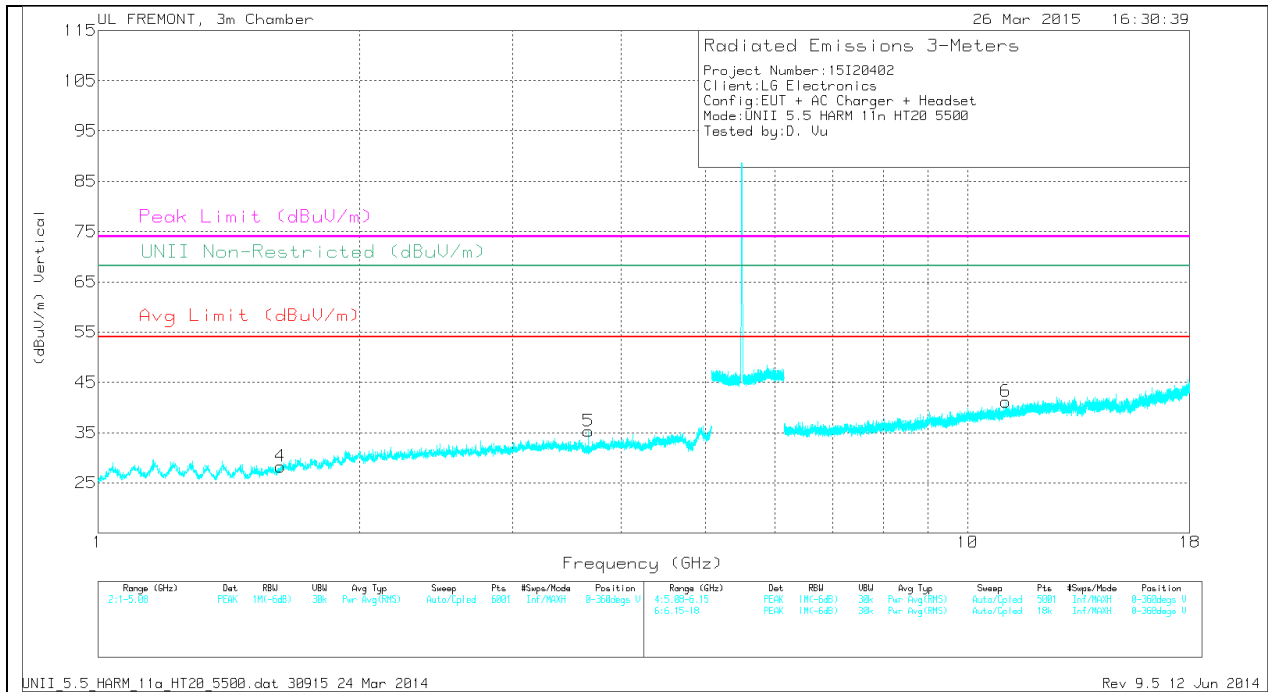
**HARMONICS AND SPURIOUS EMISSIONS**

**LOW CHANNEL HORIZONTAL**



Note: Emission was scanned up to 40GHz; No emissions were detected above the noise floor which was at least 20dB below the specification limit.

**LOW CHANNEL VERTICAL**



Note: Emission was scanned up to 40GHz; No emissions were detected above the noise floor which was at least 20dB below the specification limit.

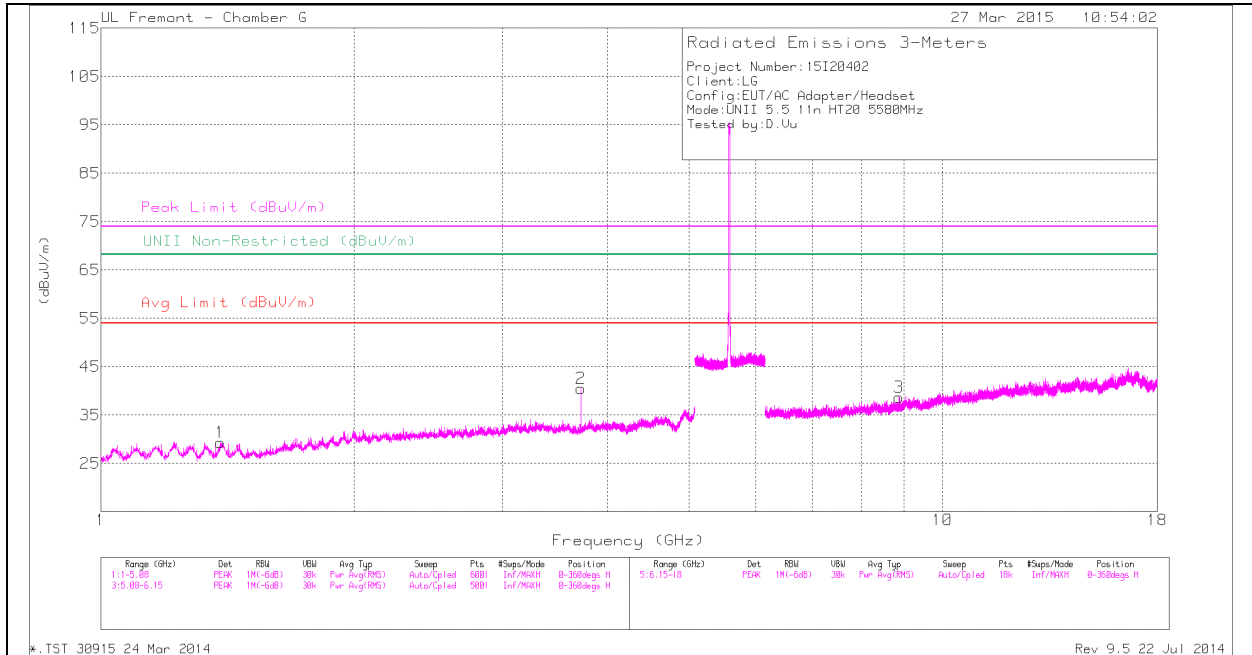
**LOW CHANNEL DATA**

*TRACE MARKERS*

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T862 (dB/m)	Amp/Cbl/Fi tr/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	1.622	34.48	PK	28.7	-34.9	0	28.28	-	-	74	-45.72	-	-	0-360	101	V
1	2.333	34.01	PK	31.7	-34.5	0	31.21	-	-	74	-42.79	-	-	0-360	201	H
5	3.666	36.11	PK	32.9	-33.7	0	35.31	-	-	74	-38.69	-	-	0-360	201	V
2	7.433	33.32	PK	35.6	-31	0	37.92	-	-	74	-36.08	-	-	0-360	201	H
3	9.836	31.64	PK	37.1	-28.3	0	40.44	-	-	-	-	68.2	-27.76	0-360	101	H
6	11.061	30.19	PK	37.8	-26.8	0	41.19	-	-	74	-32.81	-	-	0-360	101	V

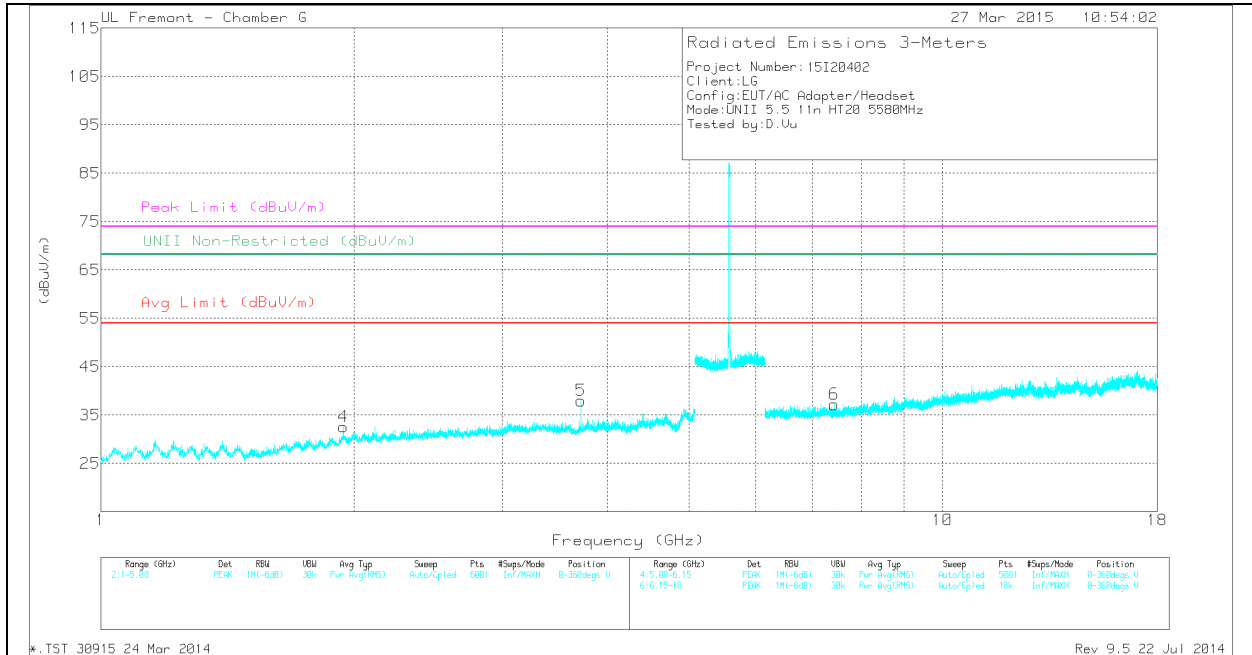
PK - Peak detector

**MID CHANNEL HORIZONTAL**



Note: Emission was scanned up to 40GHz; No emissions were detected above the noise floor which was at least 20dB below the specification limit.

**MID CHANNEL VERTICAL**



Note: Emission was scanned up to 40GHz; No emissions were detected above the noise floor which was at least 20dB below the specification limit.

**MID CHANNEL DATA**

*TRACE MARKERS*

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T862 (dB/m)	Amp/Cbl/Ftr/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 1.387	36.02	PK	28.5	-35.2	0	29.32	-	-	74	-44.68	-	-	0-360	101	H
2	* 3.72	41.05	PK	32.9	-33.4	0	40.55	-	-	74	-33.45	-	-	0-360	201	H
5	* 3.72	38.48	PK	32.9	-33.4	0	37.98	-	-	74	-36.02	-	-	0-360	201	V
6	* 7.44	32.8	PK	35.6	-31.2	0	37.2	-	-	74	-36.8	-	-	0-360	101	V
4	1.94	36.23	PK	30.9	-34.5	0	32.63	-	-	-	-	68.2	-35.57	0-360	101	V
3	8.883	31.47	PK	36.2	-29	0	38.67	-	-	-	-	68.2	-29.53	0-360	201	H

\* - indicates frequency in CFR 47, Part 15 and Industry Canada RSS-Restricted Band.

PK - Peak detector

**Radiated Emissions**

Frequency (GHz)	Meter Reading (dBuV)	Det	AF T862 (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
* 3.72	42.06	PK1	32.9	-33.4	0	41.56	-	-	74	-32.44	-	-	0	202	H
* 3.72	30.49	AD1	32.9	-33.4	.22	30.21	54	-23.79	-	-	-	-	0	202	H

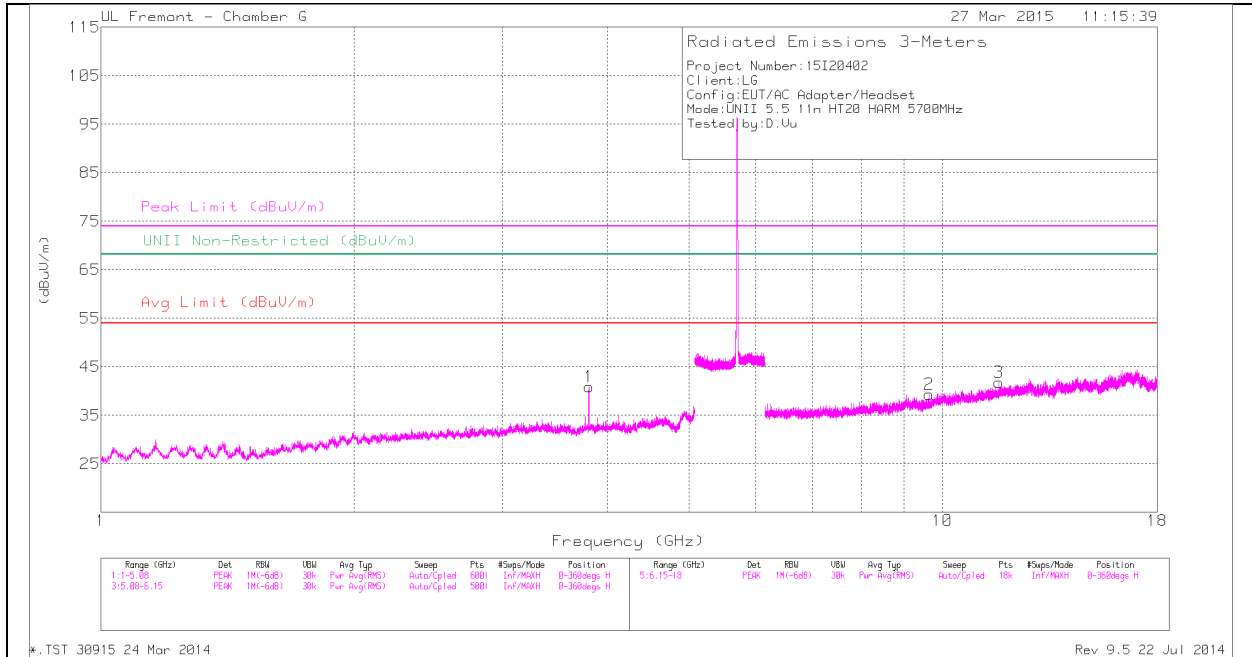
\* - indicates frequency in CFR 47, Part 15 and Industry Canada RSS-Restricted Band.

PK1 - KDB789033 Method: Peak

AD1 - KDB789033 Method: AD Primary Power Average

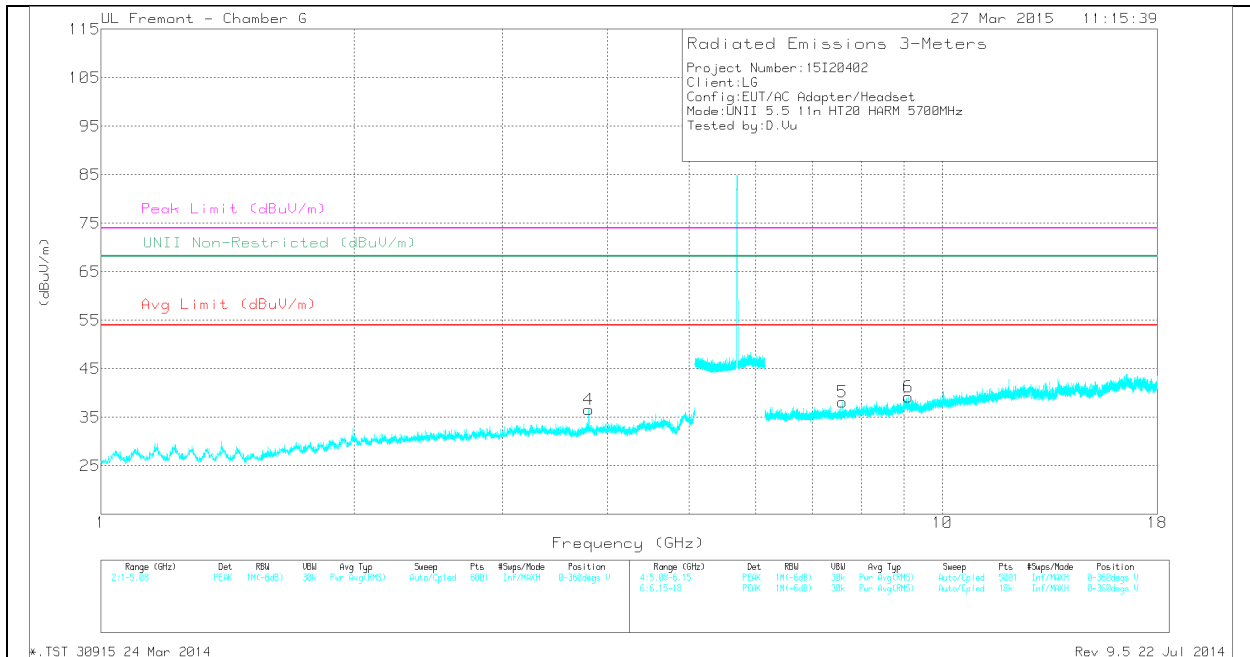


**HIGH CHANNEL HORIZONTAL**



Note: Emission was scanned up to 40GHz; No emissions were detected above the noise floor which was at least 20dB below the specification limit.

**HIGH CHANNEL VERTICAL**



Note: Emission was scanned up to 40GHz; No emissions were detected above the noise floor which was at least 20dB below the specification limit.

**MID CHANNEL DATA**

*TRACE MARKERS*

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T862 (dB/m)	Amp/Cbl/Ftr/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 3.8	41.24	PK	33	-33.3	0	40.94	-	-	74	-33.06	-	-	0-360	201	H
4	* 3.8	37.05	PK	33	-33.4	0	36.65	-	-	74	-37.35	-	-	0-360	201	V
3	* 11.669	30.26	PK	38.6	-27	0	41.86	-	-	74	-32.14	-	-	0-360	201	H
5	* 7.6	33.62	PK	35.6	-31	0	38.22	-	-	74	-35.78	-	-	0-360	201	V
6	* 9.106	31.53	PK	36.4	-28.7	0	39.23	-	-	74	-34.77	-	-	0-360	201	V
2	9.647	31.3	PK	36.9	-28.9	0	39.3	-	-	-	-	68.2	-28.9	0-360	101	H

\* - indicates frequency in CFR 47, Part 15 and Industry Canada RSS-Restricted Band.

PK - Peak detector

**Radiated Emissions**

Frequency (GHz)	Meter Reading (dBuV)	Det	AF T862 (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
* 3.8	42.25	PK1	33	-33.3	0	41.95	-	-	74	-32.05	-	-	0	202	V
* 3.8	32.69	AD1	33	-33.3	.22	32.61	54	-21.39	-	-	-	-	0	202	V
9.647	26.6	AD1	36.9	-28.9	.22	34.82	-	-	-	-	-	-	0	102	H
9.648	37.59	PK1	36.9	-28.9	0	45.59	-	-	-	-	68.2	-22.61	0	102	H

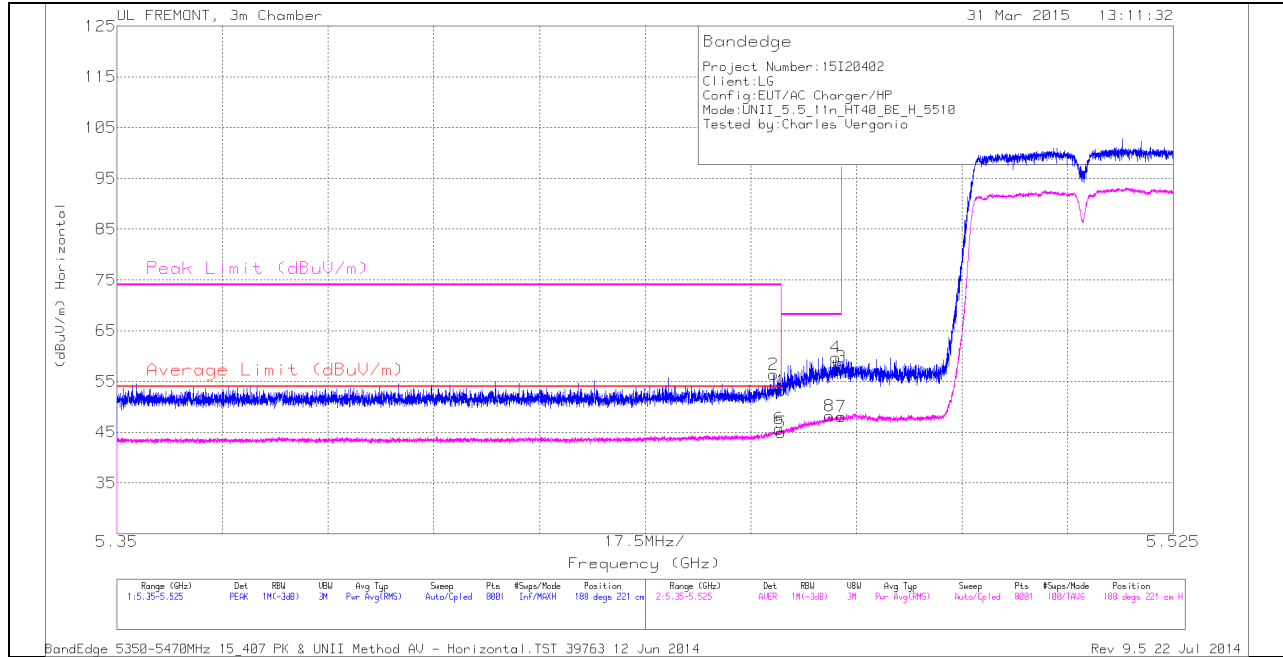
\* - indicates frequency in CFR 47, Part 15 and Industry Canada RSS-Restricted Band.

PK1 - KDB789033 Method: Peak

AD1 - KDB789033 Method: AD Primary Power Average

**11.3.3. TX ABOVE 1 GHz 802.11n HT40 MODE IN THE 5.5 GHz BAND  
 RESTRICTED BANDEDGE (LOW CHANNEL)**

**HORIZONTAL PEAK AND AVERAGE PLOT**



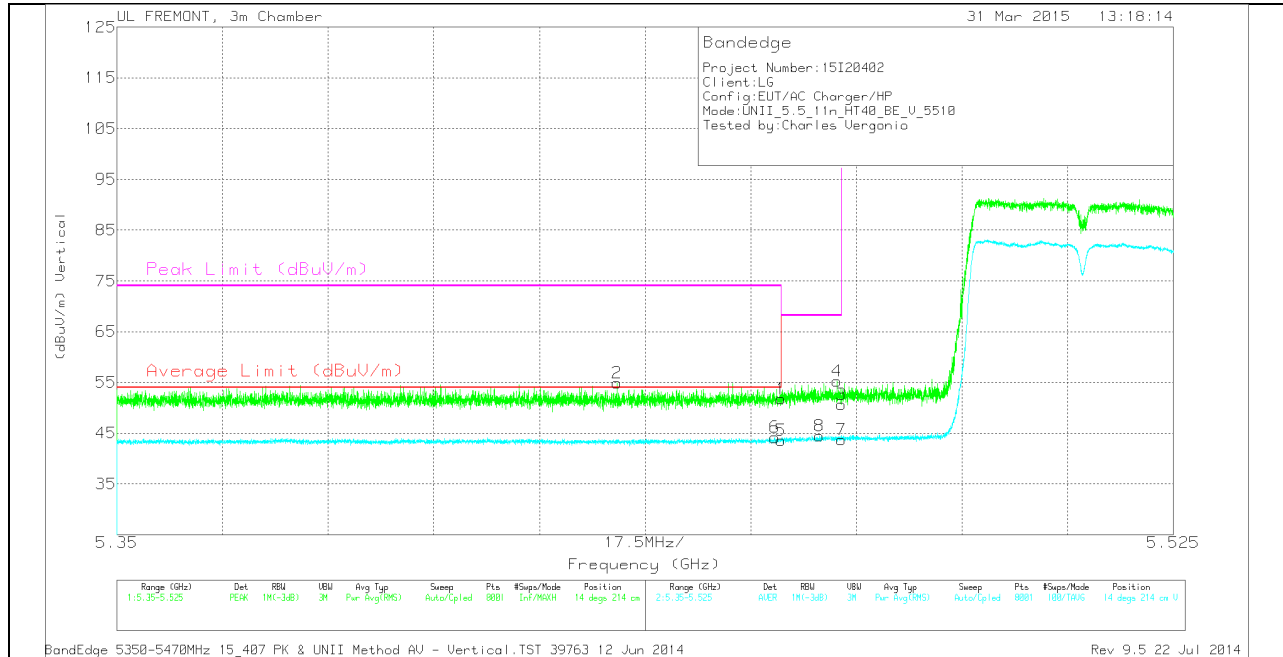
**HORIZONTAL DATA**

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T119 (dB/m)	Amp/Cb/Fit r/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
2	5.459	43.14	PK	34.6	-21.4	0	56.34	-	-	74	-17.66	188	221	H
1	5.46	40	PK	34.6	-21.4	0	53.2	-	-	74	-20.8	188	221	H
5	5.46	31.24	RMS	34.6	-21.4	.45	44.89	54	-9.11	-	-	188	221	H
6	5.46	31.98	RMS	34.6	-21.4	.45	45.63	54	-8.37	-	-	188	221	H
8	5.468	34.42	RMS	34.6	-21.3	.45	48.17	-	-	-	-	188	221	H
4	5.469	46.41	PK	34.6	-21.3	0	59.71	-	-	68.2	-8.49	188	221	H
3	5.47	44.61	PK	34.6	-21.3	0	57.91	-	-	68.2	-10.29	188	221	H
7	5.47	34.35	RMS	34.6	-21.3	.45	48.10	-	-	-	-	188	221	H

PK - Peak detector

RMS - RMS detection

**VERTICAL PEAK AND AVERAGE PLOT**

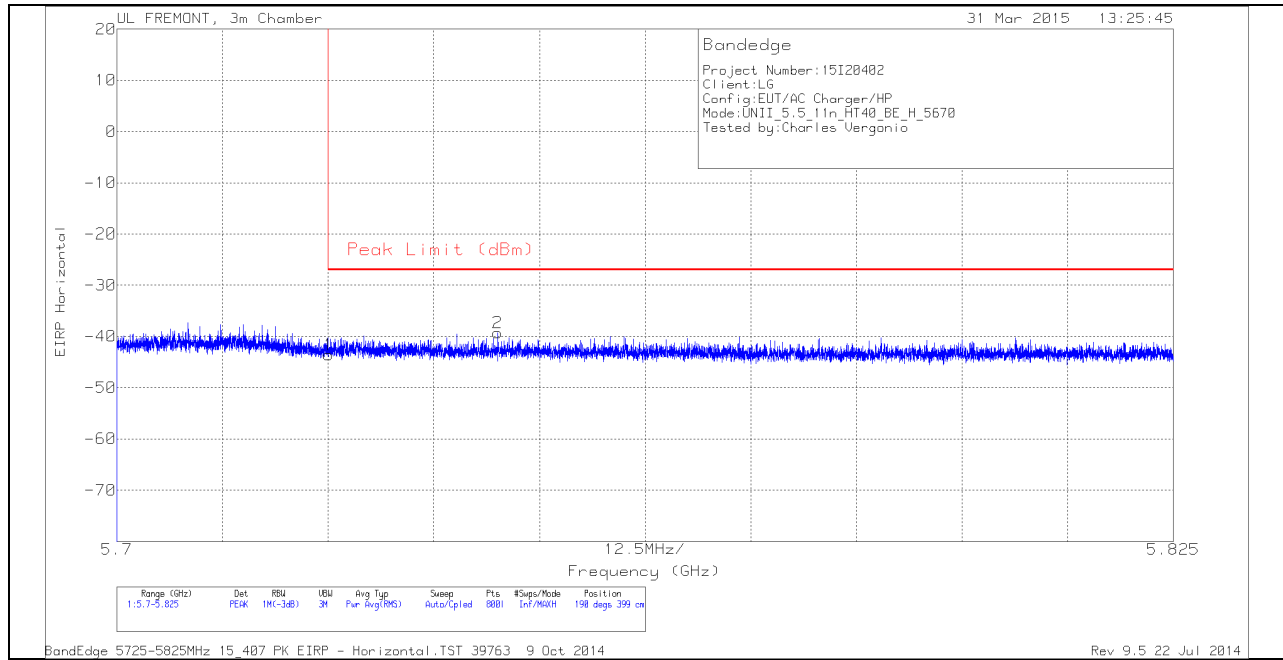


**VERTICAL DATA**

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T119 (dB/m)	Amp/Cbl/r/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
2	5.433	41.65	PK	34.6	-21.4	0	54.85	-	-	74	-19.15	14	214	V
6	5.459	30.49	RMS	34.6	-21.4	.45	44.14	54	-9.86	-	-	14	214	V
1	5.46	38.63	PK	34.6	-21.4	0	51.83	-	-	74	-22.17	14	214	V
5	5.46	29.92	RMS	34.6	-21.4	.45	43.57	54	-10.43	-	-	14	214	V
8	5.466	30.73	RMS	34.6	-21.3	.45	44.48	-	-	-	-	14	214	V
4	5.469	41.94	PK	34.6	-21.3	0	55.24	-	-	68.2	-12.96	14	214	V
3	5.47	37.34	PK	34.6	-21.3	0	50.64	-	-	68.2	-17.56	14	214	V
7	5.47	30	RMS	34.6	-21.3	.45	43.75	-	-	-	-	14	214	V

**AUTHORIZED BANDEDGE (HIGH CHANNEL)**

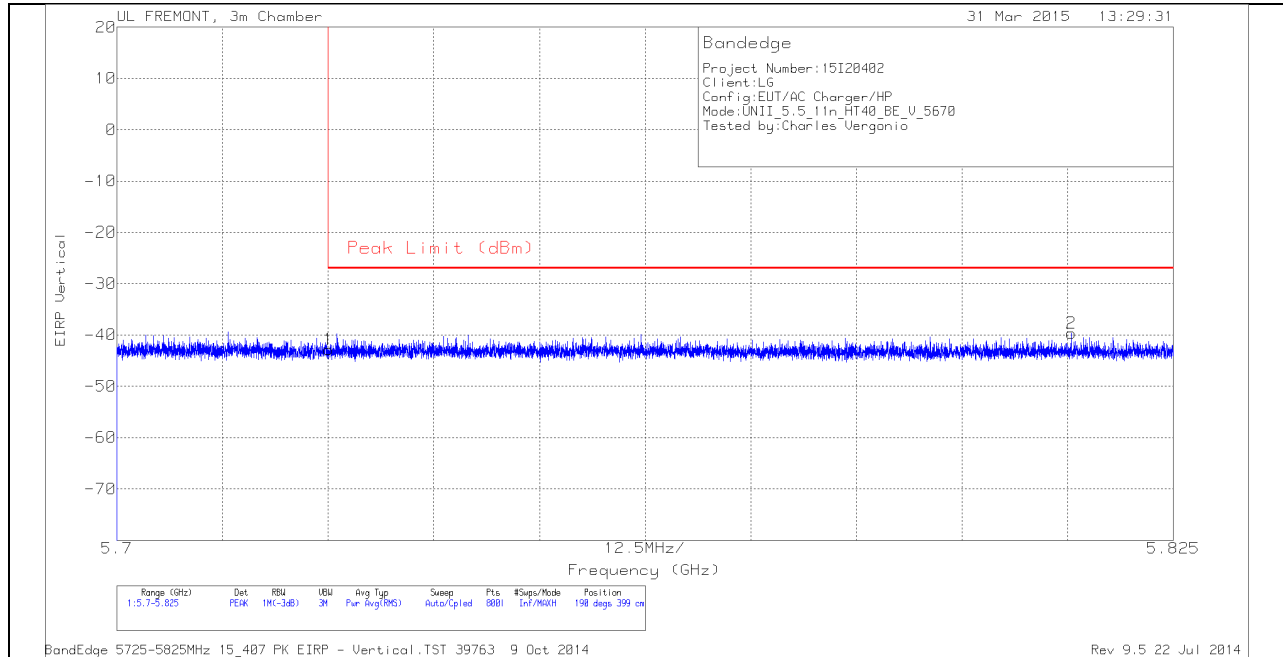
**HORIZONTAL PEAK AND AVERAGE PLOT**



**HORIZONTAL DATA**

Marker	Frequency (GHz)	Meter Reading (dBm)	Det	AF T119 (dB/m)	Amp/Cbl/F ltr/Pad (dB)	Conversion Factor (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.725	-69.03	PK	34.8	-21.1	11.8	-43.53	-27	-16.53	190	399	H
2	5.745	-64.71	PK	34.8	-21.2	11.8	-39.31	-27	-12.31	190	399	H

**VERTICAL PEAK AND AVERAGE PLOT**

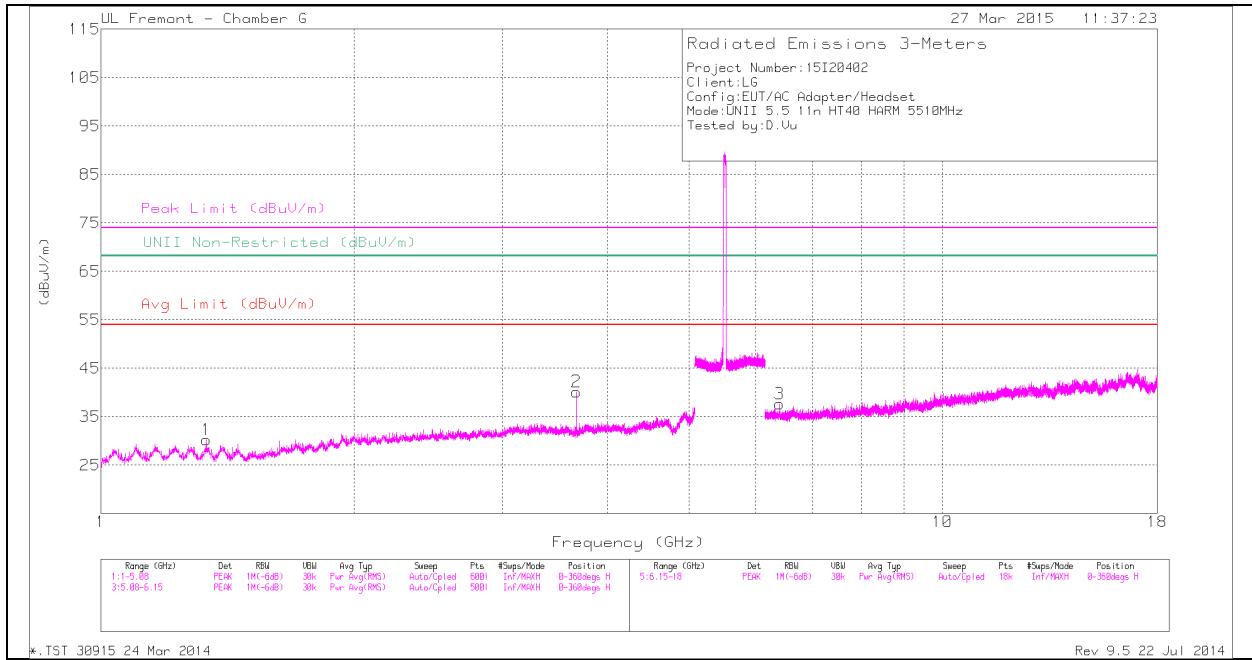


**VERTICAL DATA**

Marker	Frequency (GHz)	Meter Reading (dBm)	Det	AF T119 (dB/m)	Amp/Cbl/F ltr/Pad (dB)	Conversion Factor (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.725	-68.3	PK	34.8	-21.1	11.8	-42.8	-27	-15.8	190	399	V
2	5.813	-65.1	PK	34.9	-21.3	11.8	-39.7	-27	-12.7	190	399	V

**HARMONICS AND SPURIOUS EMISSIONS**

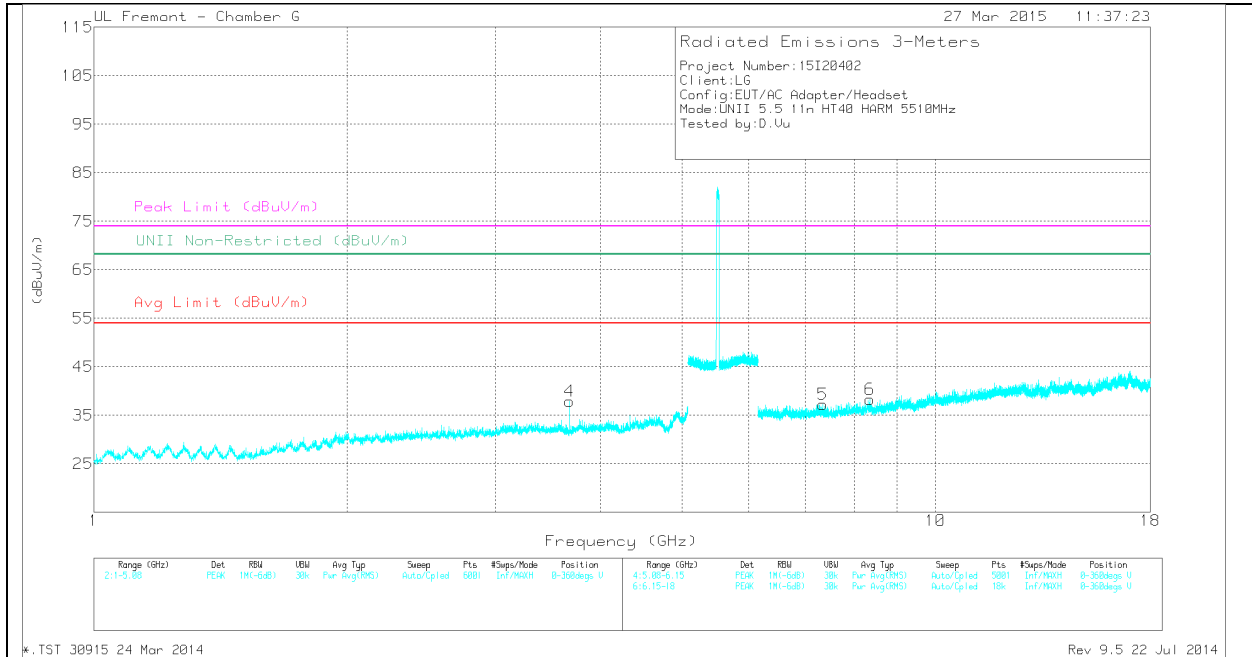
**LOW CHANNEL HORIZONTAL**



Note: Emission was scanned up to 40GHz; No emissions were detected above the noise floor which was at least 20dB below the specification limit.



**LOW CHANNEL VERTICAL**



Note: Emission was scanned up to 40GHz; No emissions were detected above the noise floor which was at least 20dB below the specification limit.

**LOW CHANNEL DATA**

*TRACE MARKERS*

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T862 (dB/m)	Amp/Cbl/Ftr/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 1.334	37.11	PK	28.8	-35.7	0	30.21	-	-	74	-43.79	-	-	0-360	201	H
2	* 3.673	40.88	PK	32.9	-33.6	0	40.18	-	-	74	-33.82	-	-	0-360	201	H
4	* 3.673	38.58	PK	32.9	-33.6	0	37.88	-	-	74	-36.12	-	-	0-360	201	V
5	* 7.347	33.04	PK	35.6	-31.4	0	37.24	-	-	74	-36.76	-	-	0-360	101	V
6	* 8.352	31.9	PK	35.8	-29.4	0	38.3	-	-	74	-35.7	-	-	0-360	201	V
3	6.401	33.92	PK	35.6	-31.9	0	37.62	-	-	-	-	68.2	-30.58	0-360	101	H

\* - indicates frequency in CFR 47, Part 15 and Industry Canada RSS-Restricted Band.

PK - Peak detector

**Radiated Emissions**

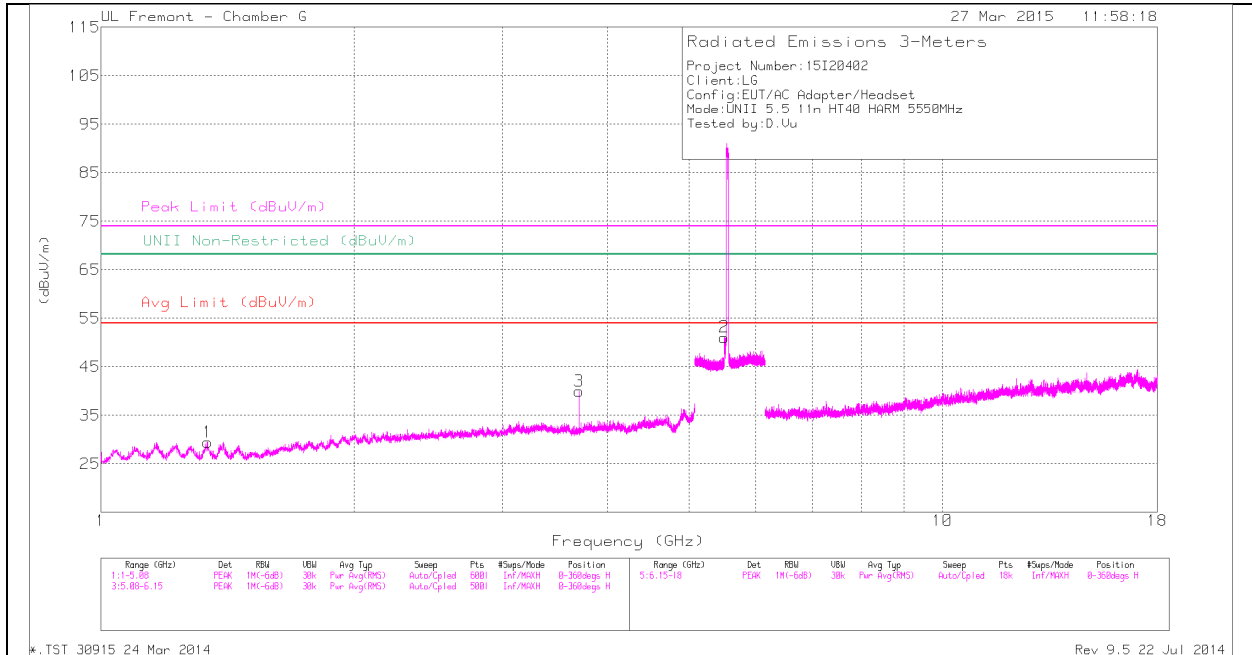
Frequency (GHz)	Meter Reading (dBuV)	Det	AF T862 (dB/m)	Amp/Cbl/Ftr/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
* 3.674	40.84	PK1	32.9	-33.5	0	40.24	-	-	74	-33.76	-	-	0	202	V
* 3.673	30.24	AD1	32.9	-33.6	.45	29.99	54	-24.01	-	-	-	-	0	202	V
* 7.347	40.81	PK1	35.6	-31.4	0	45.01	-	-	74	-28.99	-	-	0	102	V
* 7.347	30.99	AD1	35.6	-31.4	.45	35.64	54	-18.36	-	-	-	-	0	102	V

\* - indicates frequency in CFR 47, Part 15 and Industry Canada RSS-Restricted Band.

PK1 - KDB789033 Method: Peak

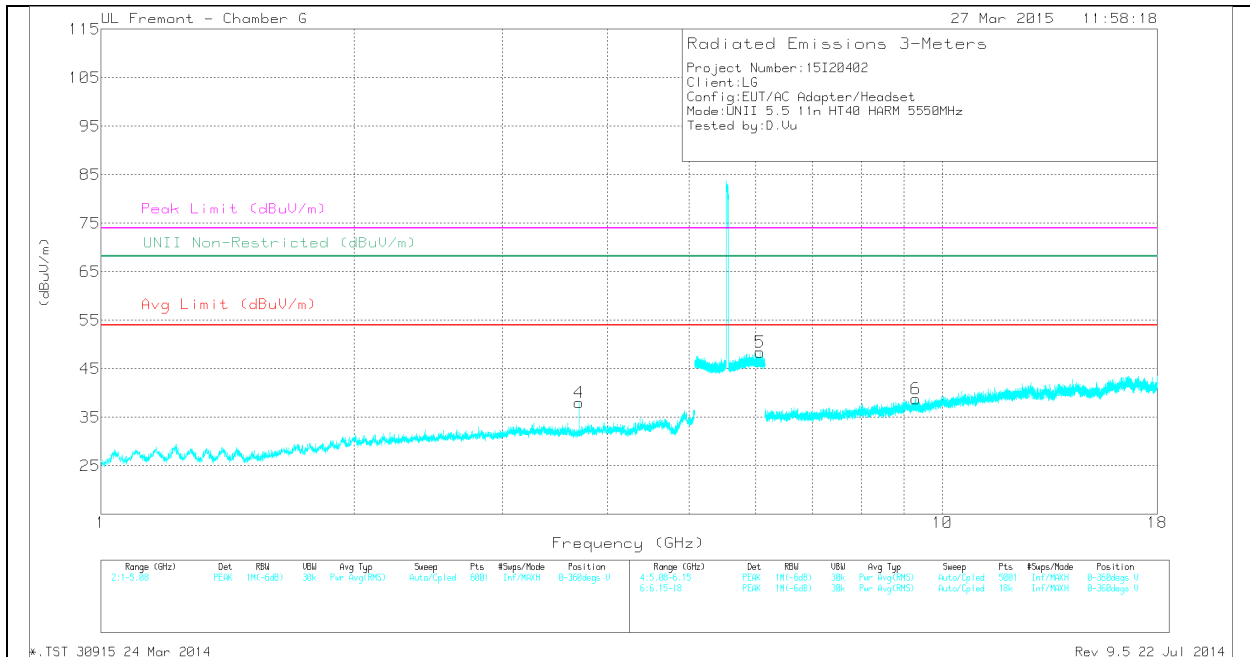
AD1 - KDB789033 Method: AD Primary Power Average

**MID CHANNEL HORIZONTAL**



Note: Emission was scanned up to 40GHz; No emissions were detected above the noise floor which was at least 20dB below the specification limit.

**MID CHANNEL VERTICAL**



Note: Emission was scanned up to 40GHz; No emissions were detected above the noise floor which was at least 20dB below the specification limit.

**MID CHANNEL DATA**

*TRACE MARKERS*

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T862 (dB/m)	Amp/Cbl/Ftr/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 1.339	36.33	PK	28.7	-35.6	0	29.43	-	-	74	-44.57	-	-	0-360	102	H
3	* 3.7	40.44	PK	32.9	-33.3	0	40.04	-	-	74	-33.96	-	-	0-360	201	H
4	* 3.7	38.43	PK	32.9	-33.3	0	38.03	-	-	74	-35.97	-	-	0-360	201	V
2	5.503	39.99	PK	34.7	-23.6	0	51.09	-	-	-	-	68.2	-17.11	0-360	101	H
5	6.073	36.66	PK	35.3	-23.5	0	48.46	-	-	-	-	68.2	-19.74	0-360	101	V
6	9.292	31.15	PK	36.5	-28.8	0	38.85	-	-	-	-	68.2	-29.35	0-360	101	V

\* - indicates frequency in CFR 47, Part 15 and Industry Canada RSS-Restricted Band.

PK - Peak detector

**Radiated Emissions**

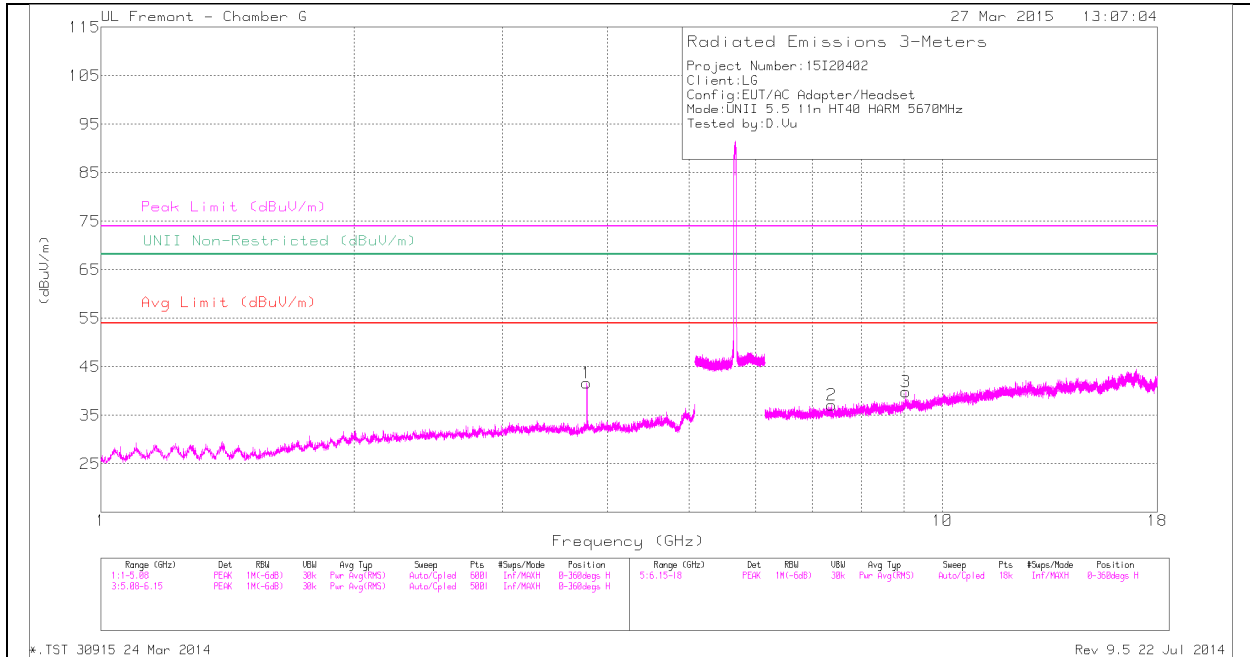
Frequency (GHz)	Meter Reading (dBuV)	Det	AF T862 (dB/m)	Amp/Cbl/Ftr/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
* 3.7	42.34	PK1	32.9	-33.3	0	41.94	-	-	74	-32.06	-	-	0	202	H
* 3.7	32.1	AD1	32.9	-33.3	.45	32.15	54	-21.85	-	-	-	-	0	202	H
5.504	45.81	PK1	34.7	-23.5	0	57.01	-	-	-	-	68.2	-11.19	0	102	H
5.505	33.53	AD1	34.7	-23.5	.45	45.18	-	-	-	-	-	-	0	102	H

\* - indicates frequency in CFR 47, Part 15 and Industry Canada RSS-Restricted Band.

PK1 - KDB789033 Method: Peak

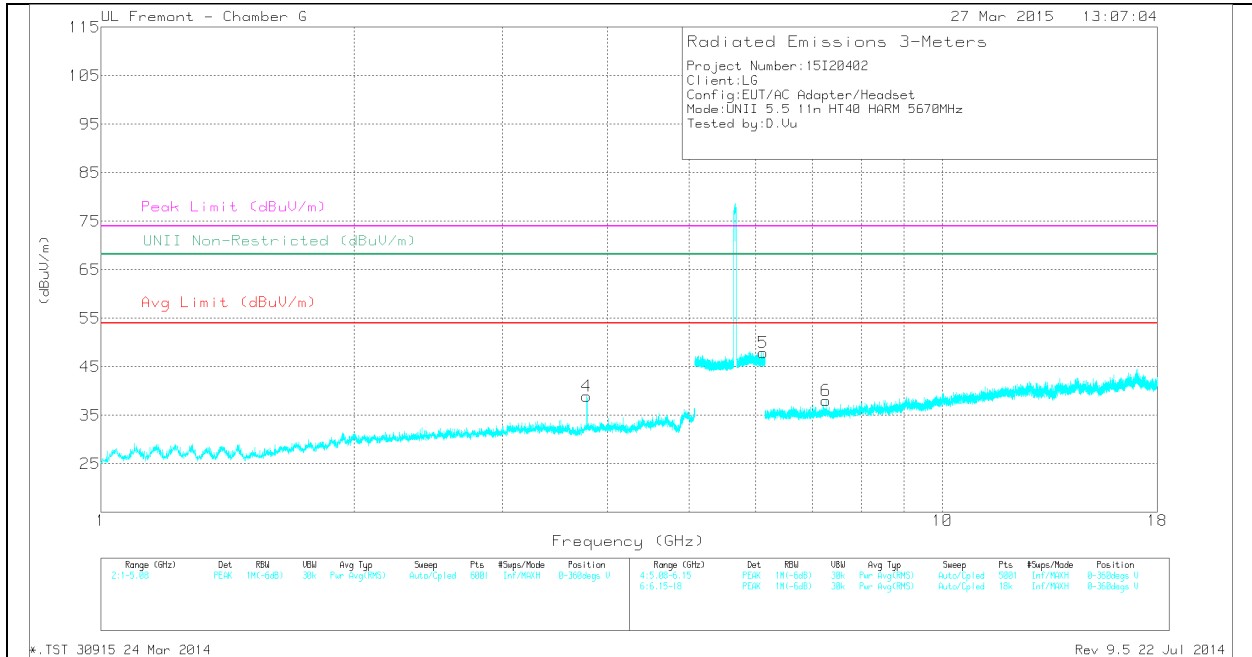
AD1 - KDB789033 Method: AD Primary Power Average

**HIGH CHANNEL HORIZONTAL**



Note: Emission was scanned up to 40GHz; No emissions were detected above the noise floor which was at least 20dB below the specification limit.

**HIGH CHANNEL VERTICAL**



Note: Emission was scanned up to 40GHz; No emissions were detected above the noise floor which was at least 20dB below the specification limit.

**HIGH CHANNEL DATA**

*TRACE MARKERS*

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T862 (dB/m)	Amp/Cbl/Ftr/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 3.78	42.17	PK	33	-33.5	0	41.67	-	-	74	-32.33	-	-	0-360	201	H
4	* 3.78	39.43	PK	33	-33.5	0	38.93	-	-	74	-35.07	-	-	0-360	201	V
2	* 7.386	32.97	PK	35.6	-31.4	0	37.17	-	-	74	-36.83	-	-	0-360	201	H
3	* 9.049	31.91	PK	36.4	-28.4	0	39.91	-	-	74	-34.09	-	-	0-360	201	H
6	* 7.271	33.69	PK	35.6	-31.3	0	37.99	-	-	74	-36.01	-	-	0-360	101	V
5	6.121	36.06	PK	35.4	-23.5	0	47.96	-	-	-	-	68.2	-20.24	0-360	201	V

\* - indicates frequency in CFR 47, Part 15 and Industry Canada RSS-Restricted Band.

PK - Peak detector

**Radiated Emissions**

Frequency (GHz)	Meter Reading (dBuV)	Det	AF T862 (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
* 3.781	41.97	PK1	33	-33.5	0	41.47	-	-	74	-32.53	-	-	0	202	V
* 3.78	31.63	AD1	33	-33.5	.45	31.58	54	-22.42	-	-	-	-	0	202	V
6.121	42.74	PK1	35.4	-23.5	0	54.64	-	-	-	-	68.2	-13.56	0	202	H
6.121	31.84	AD1	35.4	-23.5	.45	44.19	-	-	-	-	-	-	0	202	V

\* - indicates frequency in CFR 47, Part 15 and Industry Canada RSS-Restricted Band.

RMS - RMS detection

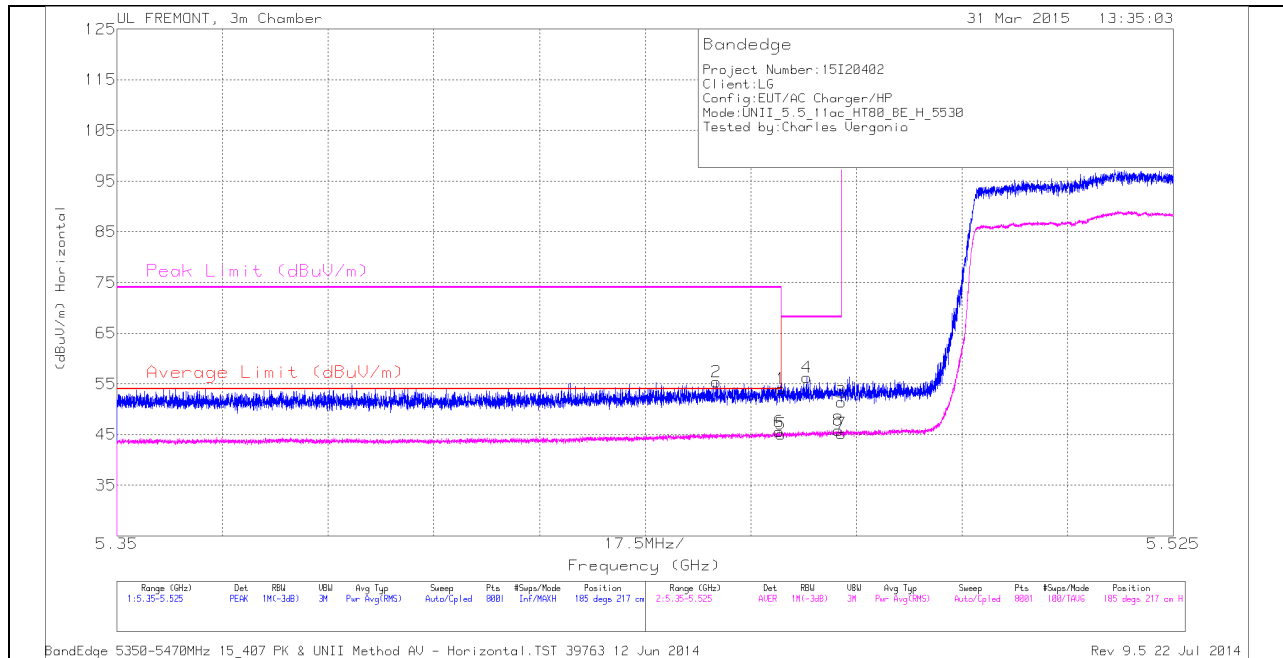
PK1 - KDB789033 Method: Peak

AD1 - KDB789033 Method: AD Primary Power Average



**11.3.4. TX ABOVE 1 GHz 802.11ac HT80 MODE IN THE 5.5 GHz BAND  
 RESTRICTED BANDEDGE (LOW CHANNEL)**

**HORIZONTAL PEAK AND AVERAGE PLOT**



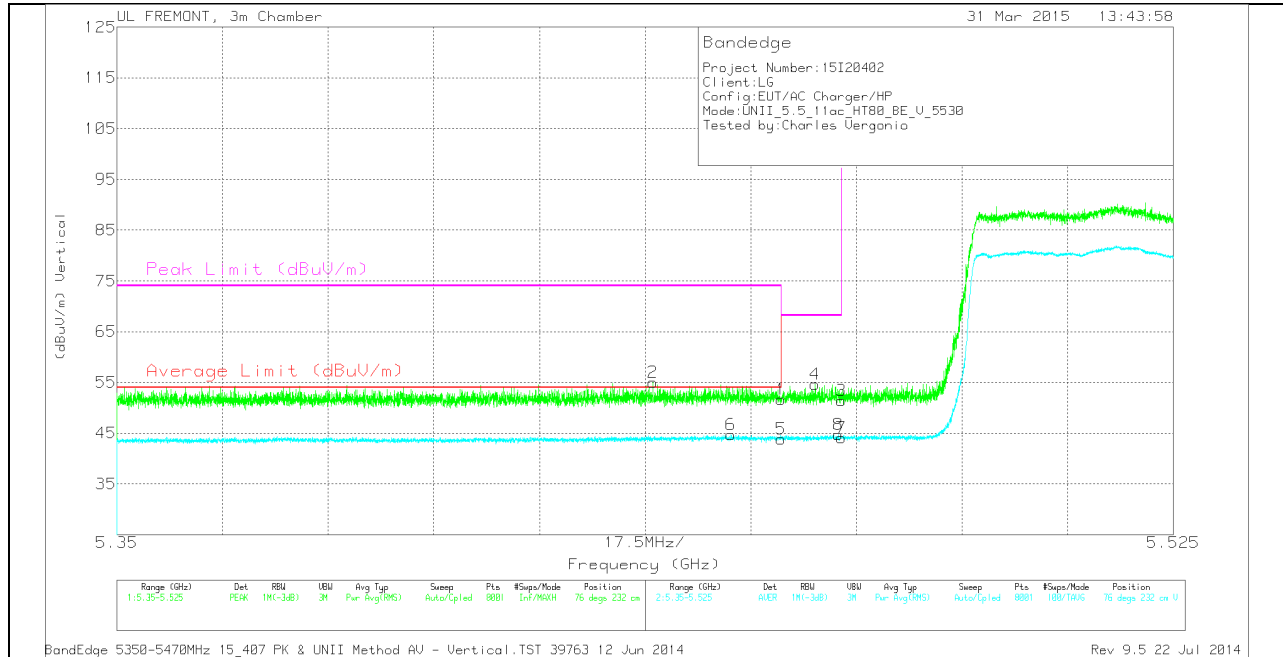
**HORIZONTAL DATA**

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T119 (dB/m)	Amp/Cbl/Filtr/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
2	5.449	42.2	PK	34.6	-21.4	0	55.4	-	-	74	-18.6	185	217	H
1	5.46	40.8	PK	34.6	-21.4	0	54	-	-	74	-20	185	217	H
5	5.46	31.18	RMS	34.6	-21.4	.37	44.75	54	-9.25	-	-	185	217	H
6	5.46	31.63	RMS	34.6	-21.4	.37	45.2	54	-8.8	-	-	185	217	H
4	5.464	43.03	PK	34.6	-21.4	0	56.23	-	-	68.2	-11.97	185	217	H
8	5.469	31.81	RMS	34.6	-21.3	.37	45.48	-	-	-	-	185	217	H
3	5.47	38.11	PK	34.6	-21.3	0	51.41	-	-	68.2	-16.79	185	217	H
7	5.47	31.18	RMS	34.6	-21.3	.37	44.85	-	-	-	-	185	217	H

PK - Peak detector

RMS - RMS detection

**VERTICAL PEAK AND AVERAGE PLOT**



**VERTICAL DATA**

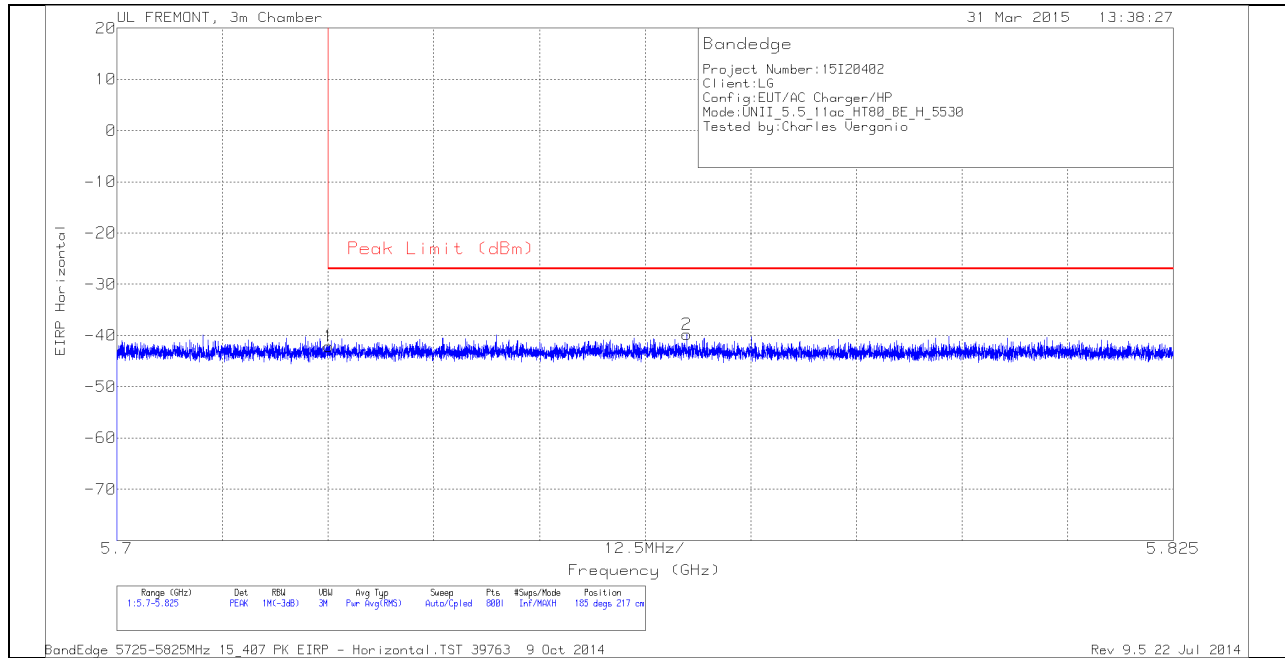
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T119 (dB/m)	Amp/Cb/r/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
2	5.439	41.77	PK	34.6	-21.4	0	54.97	-	-	74	-19.03	76	232	V
6	5.452	30.77	RMS	34.6	-21.4	.37	44.34	54	-9.66	-	-	76	232	V
1	5.46	38.48	PK	34.6	-21.4	0	51.68	-	-	74	-22.32	76	232	V
5	5.46	29.92	RMS	34.6	-21.4	.37	43.49	54	-10.51	-	-	76	232	V
4	5.466	41.28	PK	34.6	-21.3	0	54.58	-	-	68.2	-13.62	76	232	V
3	5.47	38.13	PK	34.6	-21.3	0	51.43	-	-	68.2	-16.77	76	232	V
7	5.47	30.08	RMS	34.6	-21.3	.37	43.75	-	-	-	-	76	232	V
8	5.47	30.66	RMS	34.6	-21.3	.37	44.31	-	-	-	-	76	232	V

PK - Peak detector

RMS - RMS detection

**AUTHORIZED BANDEGE**

**HORIZONTAL PEAK AND AVERAGE PLOT**

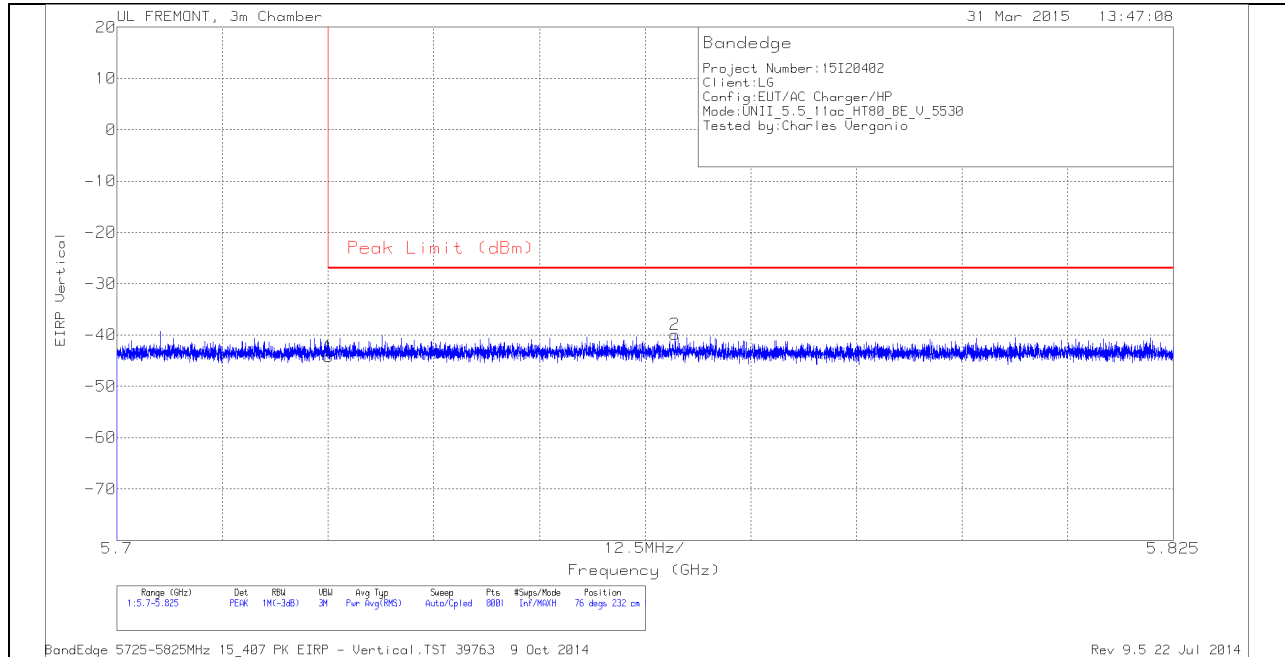


**HORIZONTAL DATA**

Marker	Frequency (GHz)	Meter Reading (dBm)	Det	AF T119 (dB/m)	Amp/Cbl/F ltr/Pad (dB)	Conversion Factor (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.725	-67.63	PK	34.8	-21.1	11.8	-42.13	-27	-15.13	185	217	H
2	5.767	-65.22	PK	34.8	-21.2	11.8	-39.82	-27	-12.82	185	217	H

PK - Peak detector

**VERTICAL PEAK AND AVERAGE PLOT**



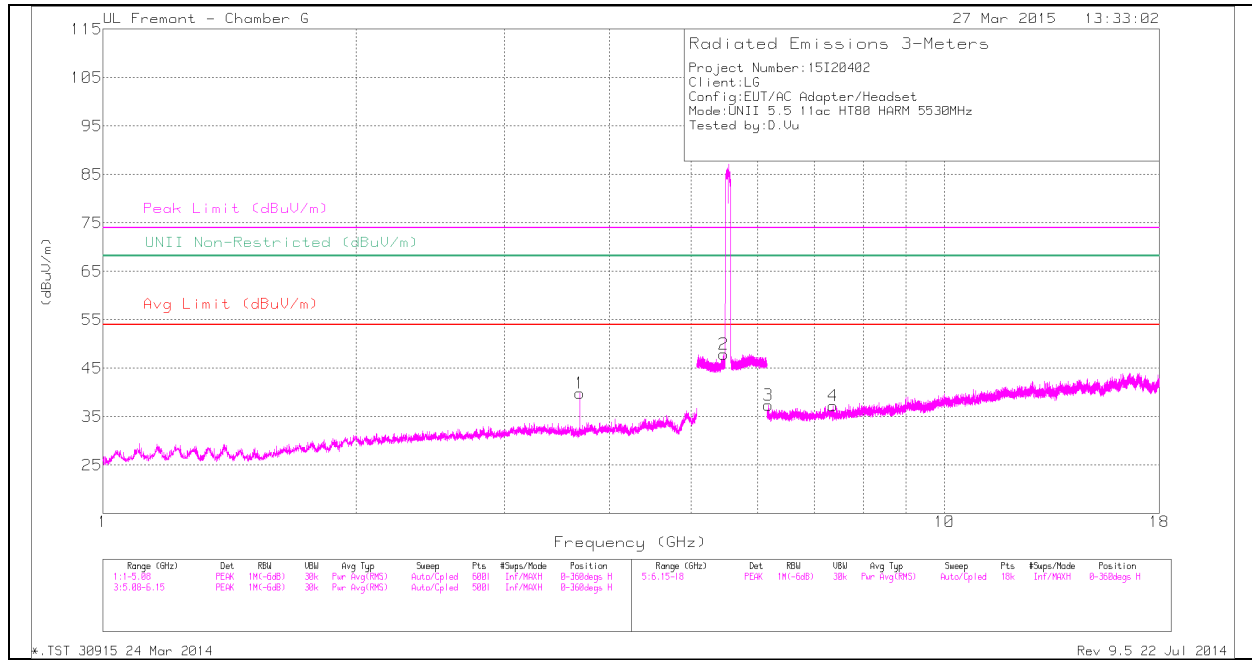
**VERTICAL DATA**

Marker	Frequency (GHz)	Meter Reading (dBm)	Det	AF T119 (dB/m)	Amp/Cbl/F ltr/Pad (dB)	Conversion Factor (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.725	-69.73	PK	34.8	-21.1	11.8	-44.23	-27	-17.23	76	232	V
2	5.766	-65.37	PK	34.8	-21.1	11.8	-39.87	-27	-12.87	76	232	V

PK - Peak detector

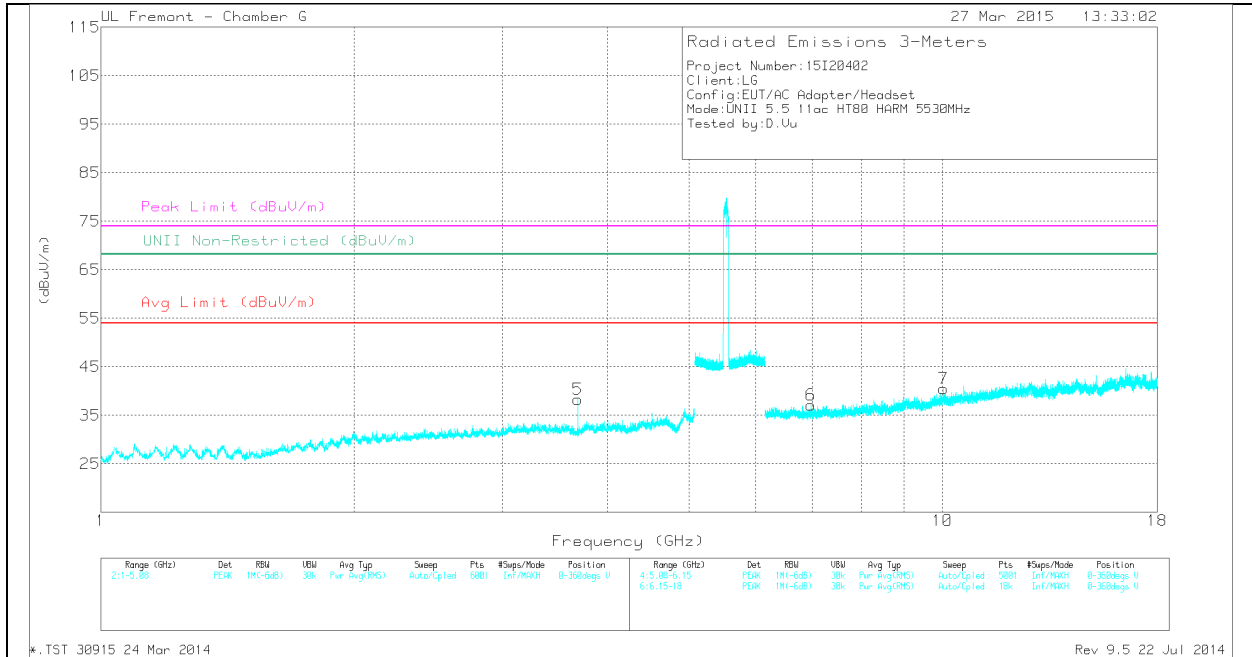
**HARMONICS AND SPURIOUS EMISSIONS**

**LOW CHANNEL HORIZONTAL**



Note: Emission was scanned up to 40GHz; No emissions were detected above the noise floor which was at least 20dB below the specification limit.

**LOW CHANNEL VERTICAL**



Note: Emission was scanned up to 40GHz; No emissions were detected above the noise floor which was at least 20dB below the specification limit.

**LOW CHANNEL DATA**

*TRACE MARKERS*

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T862 (dB/m)	Amp/Cbl/Ftr/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 3.687	40.46	PK	32.9	-33.5	0	39.86	-	-	74	-34.14	-	-	0-360	201	H
5	* 3.687	38.89	PK	32.9	-33.5	0	38.29	-	-	74	-35.71	-	-	0-360	201	V
4	* 7.373	33.07	PK	35.6	-31.4	0	37.27	-	-	74	-36.73	-	-	0-360	201	H
2	5.466	36.86	PK	34.7	-23.6	0	47.96	-	-	-	-	68.2	-20.24	0-360	101	H
3	6.171	34.24	PK	35.5	-32.3	0	37.44	-	-	-	-	68.2	-30.76	0-360	101	H
6	6.976	33.28	PK	35.6	-31.7	0	37.18	-	-	-	-	68.2	-31.02	0-360	201	V
7	10.029	30.46	PK	37.4	-27.4	0	40.46	-	-	-	-	68.2	-27.74	0-360	201	V

\* - indicates frequency in CFR 47, Part 15 and Industry Canada RSS-Restricted Band.

PK - Peak detector

**Radiated Emissions**

Frequency (GHz)	Meter Reading (dBuV)	Det	AF T862 (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
* 3.687	44.41	PK1	32.9	-33.5	0	43.81	-	-	74	-30.19	-	-	0	202	H
* 3.687	34.1	AD1	32.9	-33.5	.37	33.87	54	-20.13	-	-	-	-	0	202	H
* 7.374	39.77	PK1	35.6	-31.4	0	43.97	-	-	74	-30.03	-	-	0	202	H
* 7.373	29.14	AD1	35.6	-31.4	.37	33.71	54	-20.29	-	-	-	-	0	202	H

\* - indicates frequency in CFR 47, Part 15 and Industry Canada RSS-Restricted Band.

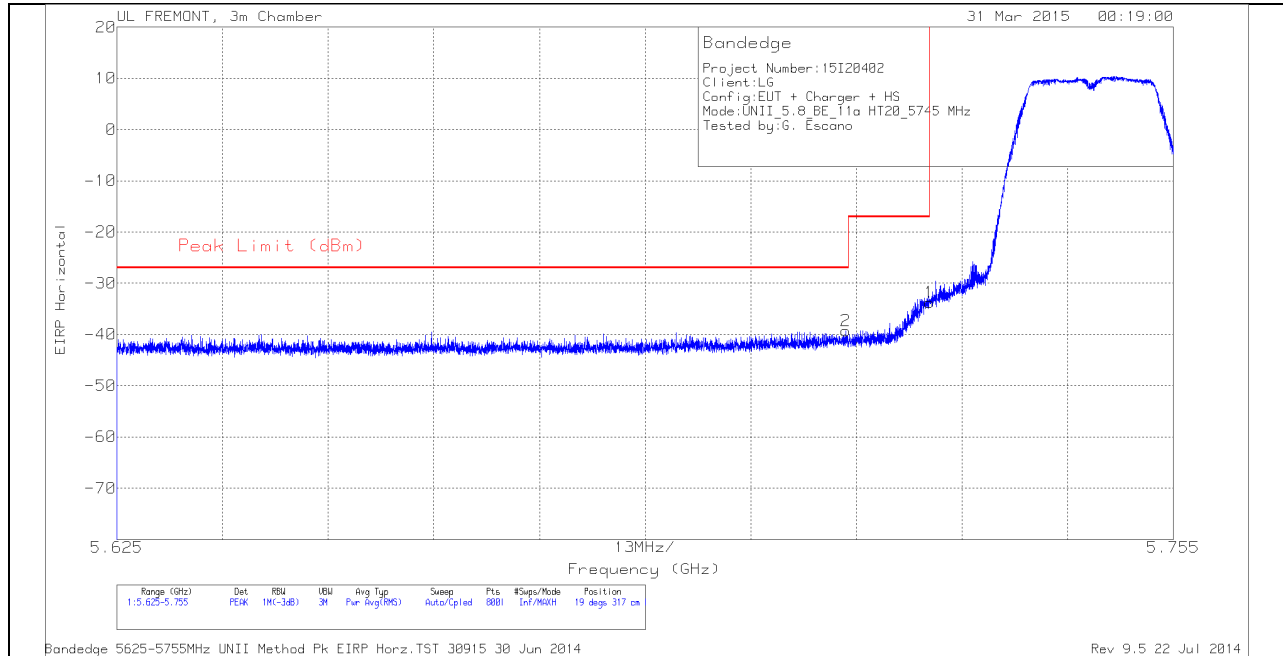
PK1 - KDB789033 Method: Peak

AD1 - KDB789033 Method: AD Primary Power Average

### 11.4. 5.8 GHz

#### 11.4.1. TX ABOVE 1 GHz 802.11a MODE IN THE 5.8 GHz BAND RESTRICTED BANDEDGE (LOW CHANNEL)

##### HORIZONTAL PEAK AND AVERAGE PLOT



##### HORIZONTAL DATA

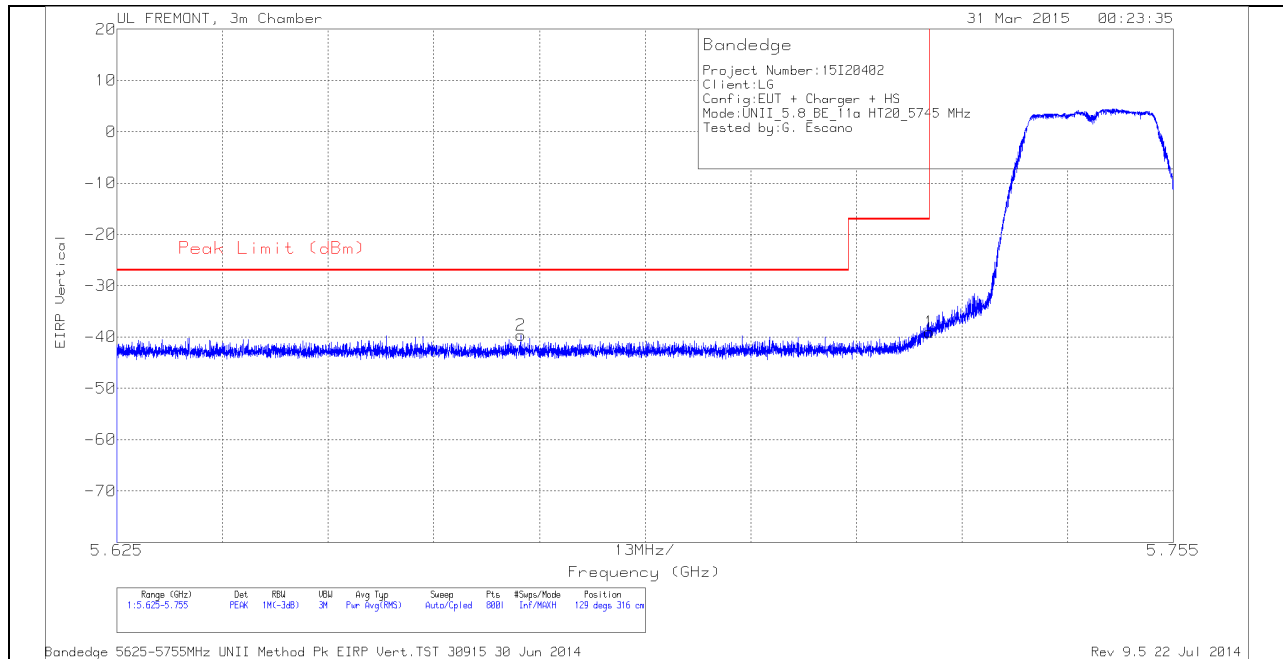
Marker	Frequency (GHz)	Meter Reading (dBm)	Det	AF T119 (dB/m)	Amp/Cbl/F ltr/Pad (dB)	Conversion Factor (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
2	5.715	-64.83	PK	34.8	-21.1	11.8	-39.33	-27	-12.33	19	317	H
1	5.725	-59.28	PK	34.8	-21.1	11.8	-33.78	-17	-16.78	19	317	H

\* - indicates frequency in CFR15.205/IC7.2.2 Restricted Band

PK - Peak detector



**VERTICAL PEAK AND AVERAGE PLOT**



**VERTICAL DATA**

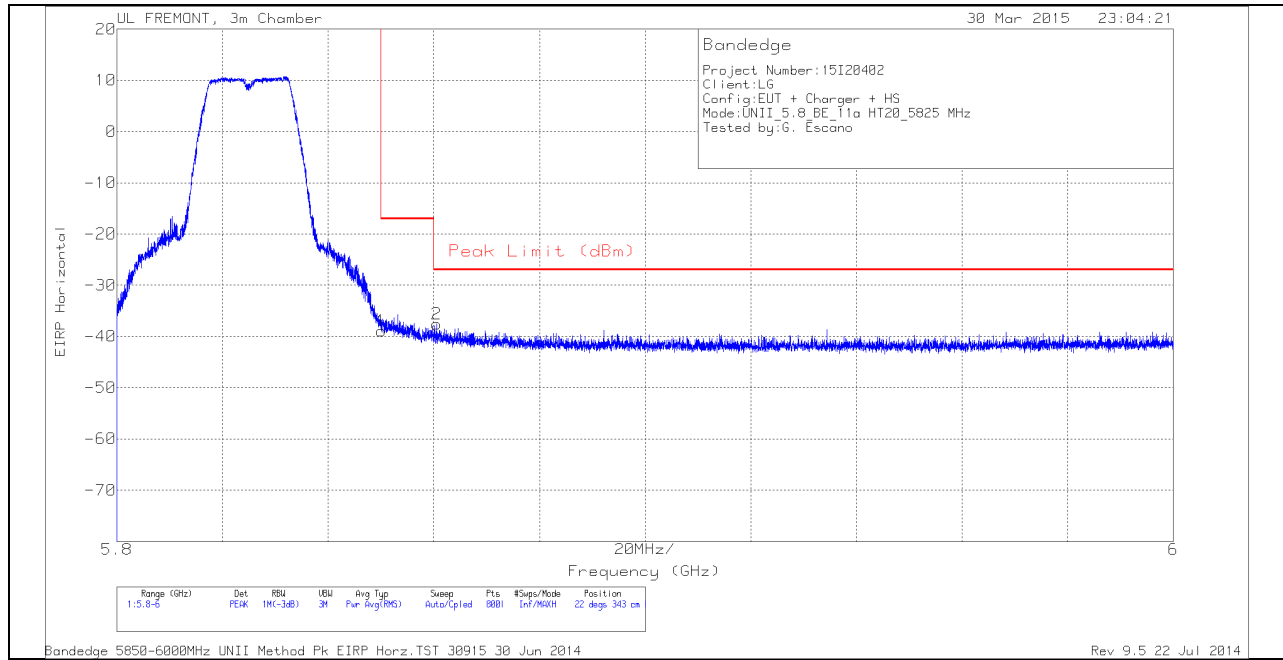
Marker	Frequency (GHz)	Meter Reading (dBm)	Det	AF T119 (dB/m)	Amp/Cbl/F ltr/Pad (dB)	Conversion Factor (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
2	5.675	-65.16	PK	34.7	-21	11.8	-39.66	-27	-12.66	129	316	V
1	5.725	-64.51	PK	34.8	-21.1	11.8	-39.01	-17	-22.01	129	316	V

\* - indicates frequency in CFR15.205/IC7.2.2 Restricted Band

PK - Peak detector

**AUTHORIZED BANDEDGE (HIGH CHANNEL)**

**HORIZONTAL PEAK AND AVERAGE PLOT**



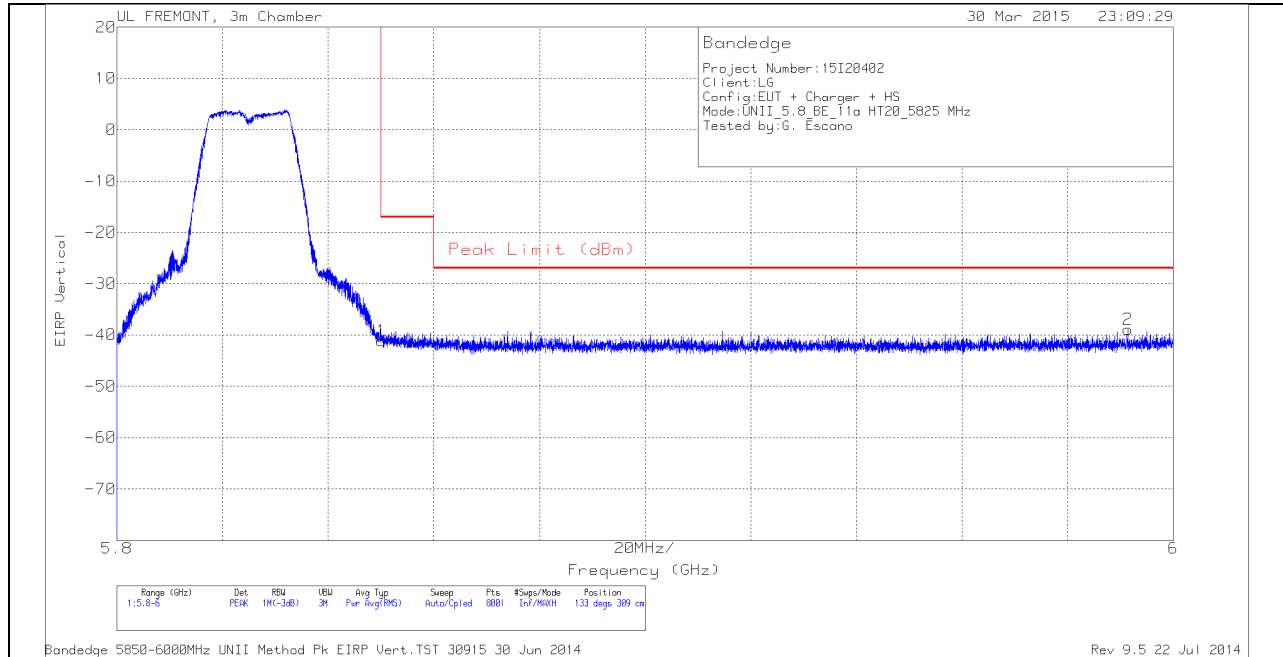
**HORIZONTAL DATA**

Marker	Frequency (GHz)	Meter Reading (dBm)	Det	AF T119 (dB/m)	Amp/Cbl/F ltr/Pad (dB)	Conversion Factor (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.85	-64.34	PK	34.9	-21.3	11.8	-38.94	-17	-21.94	22	343	H
2	5.861	-62.96	PK	34.9	-21.3	11.8	-37.56	-27	-10.56	22	343	H

\* - indicates frequency in CFR15.205/IC7.2.2 Restricted Band

PK - Peak detector

**VERTICAL PEAK AND AVERAGE PLOT**



**VERTICAL DATA**

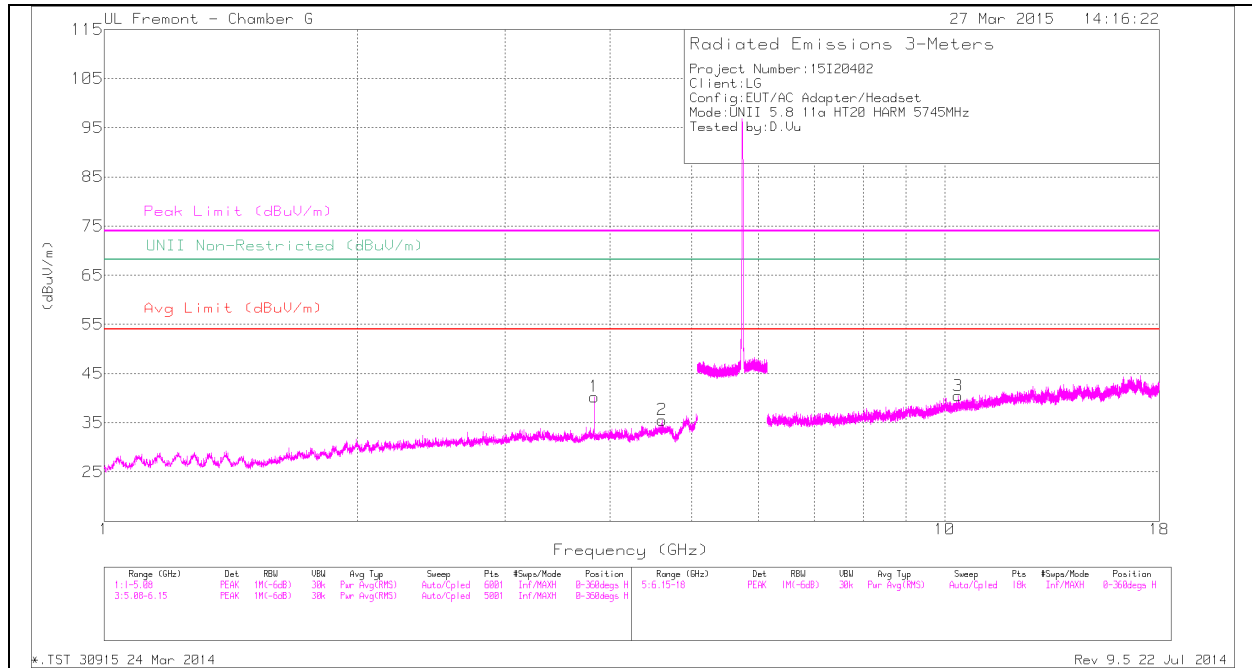
Marker	Frequency (GHz)	Meter Reading (dBm)	Det	AF T119 (dB/m)	Amp/Cbl/F ltr/Pad (dB)	Conversion Factor (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.85	-66.52	PK	34.9	-21.3	11.8	-41.12	-17	-24.12	133	309	V
2	5.991	-64.97	PK	35.2	-20.9	11.8	-38.87	-27	-11.87	133	309	V

\* - indicates frequency in CFR15.205/IC7.2.2 Restricted Band

PK - Peak detector

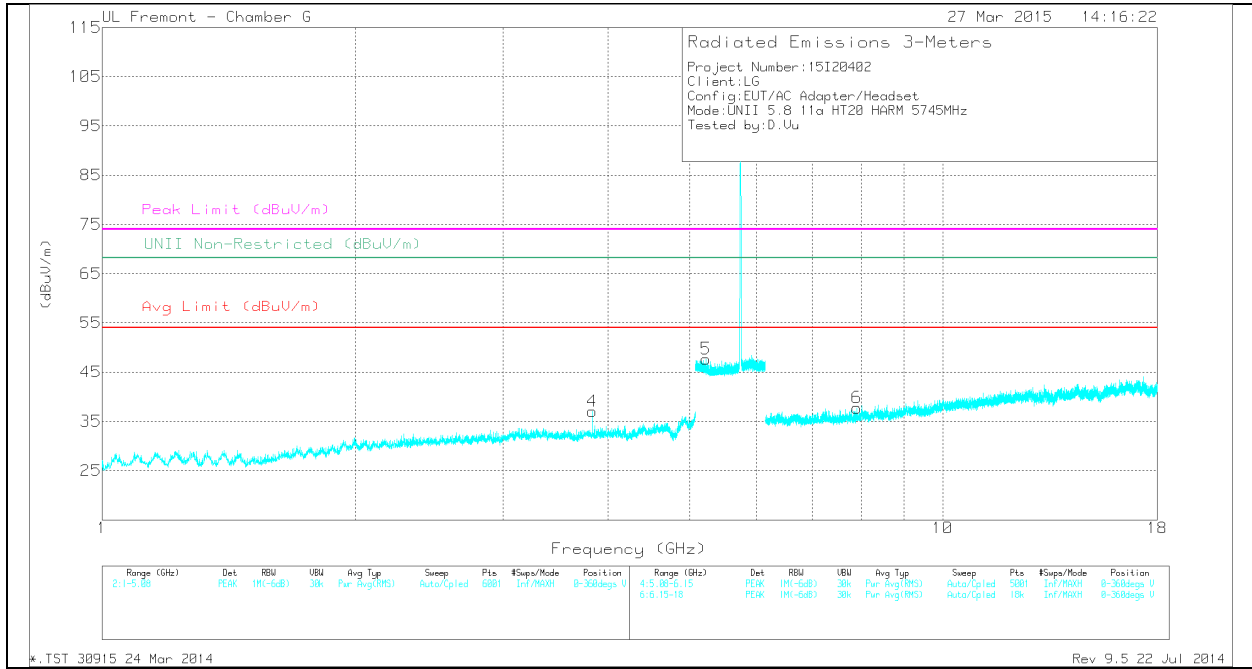
**HARMONICS AND SPURIOUS EMISSIONS**

**LOW CHANNEL HORIZONTAL**



Note: Emission was scanned up to 40GHz; No emissions were detected above the noise floor which was at least 20dB below the specification limit.

**LOW CHANNEL VERTICAL**



Note: Emission was scanned up to 40GHz; No emissions were detected above the noise floor which was at least 20dB below the specification limit.

**LOW CHANNEL DATA**

*TRACE MARKERS*

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T862 (dB/m)	Amp/Cbl/Ftr/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 3.83	40.39	PK	33.1	-33.2	0	40.29	-	-	74	-33.71	-	-	0-360	101	H
2	* 4.61	34.27	PK	33.9	-32.6	0	35.57	-	-	74	-38.43	-	-	0-360	201	H
4	* 3.83	37.15	PK	33.1	-33.2	0	37.05	-	-	74	-36.95	-	-	0-360	201	V
5	5.231	36.86	PK	34.5	-23.7	0	47.66	-	-	-	-	68.2	-20.54	0-360	101	V
6	7.906	32.45	PK	35.8	-30.5	0	37.75	-	-	-	-	68.2	-30.45	0-360	101	V
3	10.377	30.1	PK	37.6	-27.2	0	40.5	-	-	-	-	68.2	-27.7	0-360	201	H

\* - indicates frequency in CFR 47, Part 15 and Industry Canada RSS-Restricted Band.

PK - Peak detector

**Radiated Emissions**

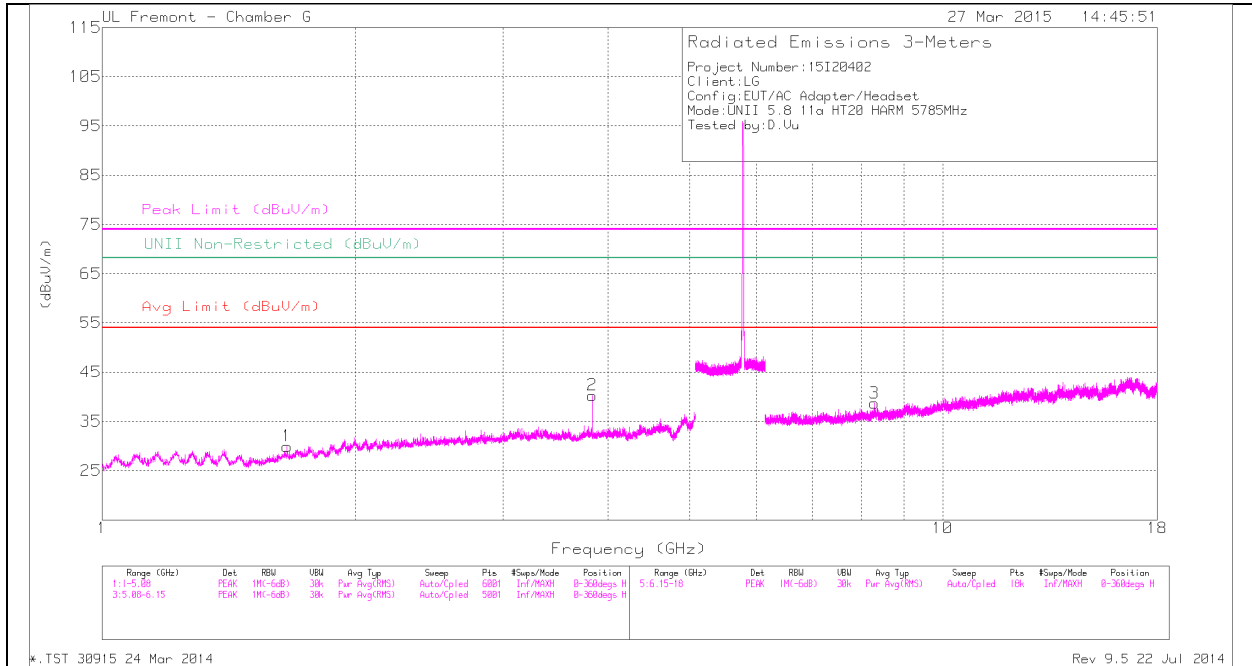
Frequency (GHz)	Meter Reading (dBuV)	Det	AF T862 (dB/m)	Amp/Cbl/Ftr/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
* 3.83	43.51	PK1	33.1	-33.2	0	43.41	-	-	74	-30.59	-	-	0	101	H
* 3.83	35.09	AD1	33.1	-33.2	.21	35.2	54	-18.8	-	-	-	-	0	101	H
5.23	43.77	PK1	34.5	-23.7	0	54.57	-	-	-	-	68.2	-13.63	0	101	V
5.232	32.29	AD1	34.5	-23.7	.21	43.3	-	-	-	-	-	-	0	101	V

\* - indicates frequency in CFR 47, Part 15 and Industry Canada RSS-Restricted Band.

PK1 - KDB789033 Method: Peak

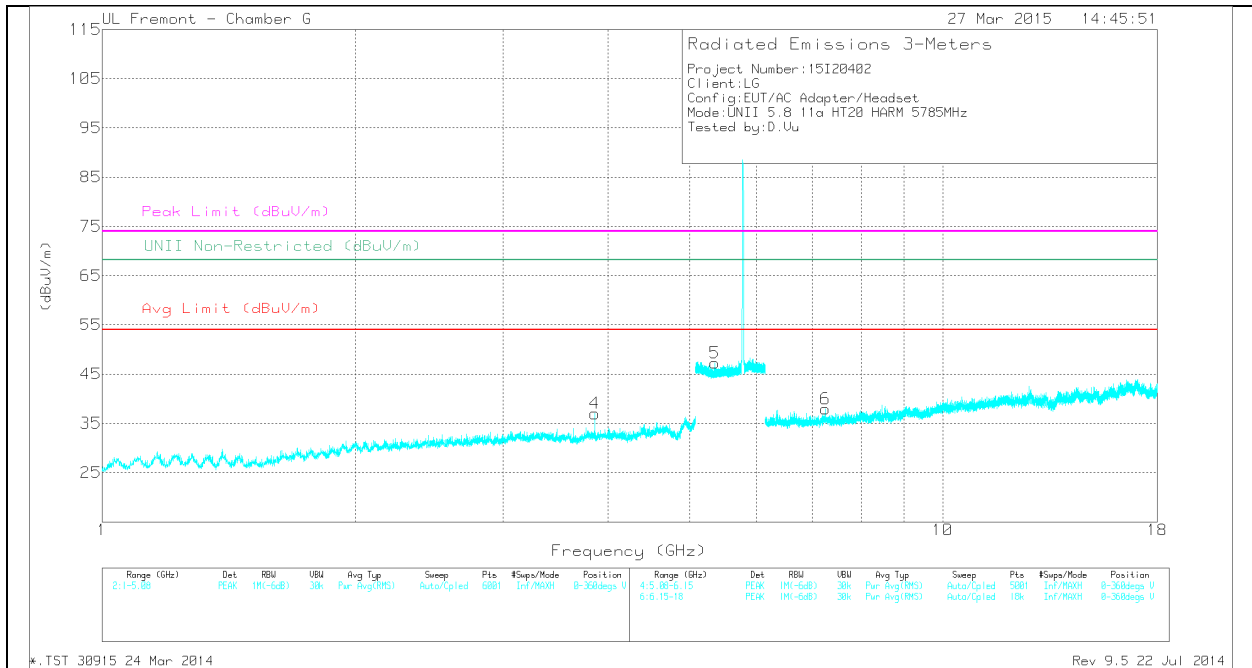
AD1 - KDB789033 Method: AD Primary Power Average

**MID CHANNEL HORIZONTAL**



Note: Emission was scanned up to 40GHz; No emissions were detected above the noise floor which was at least 20dB below the specification limit.

**MID CHANNEL VERTICAL**



Note: Emission was scanned up to 40GHz; No emissions were detected above the noise floor which was at least 20dB below the specification limit.



**MID CHANNEL DATA**

*TRACE MARKERS*

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T862 (dB/m)	Amp/Cbl/Ftr/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 1.66	35.44	PK	29	-34.5	0	29.94	-	-	74	-44.06	-	-	0-360	201	H
2	* 3.83	40.39	PK	33.1	-33.2	0	40.29	-	-	74	-33.71	-	-	0-360	101	H
4	* 3.857	37.39	PK	33.1	-33.5	0	36.99	-	-	74	-37.01	-	-	0-360	201	V
5	* 5.355	36.33	PK	34.6	-23.7	0	47.23	-	-	74	-26.77	-	-	0-360	201	V
3	* 8.291	32.28	PK	35.8	-29.4	0	38.68	-	-	74	-35.32	-	-	0-360	201	H
6	* 7.251	33.33	PK	35.6	-31	0	37.93	-	-	74	-36.07	-	-	0-360	201	V

\* - indicates frequency in CFR 47, Part 15 and Industry Canada RSS-Restricted Band.

PK - Peak detector

**Radiated Emissions**

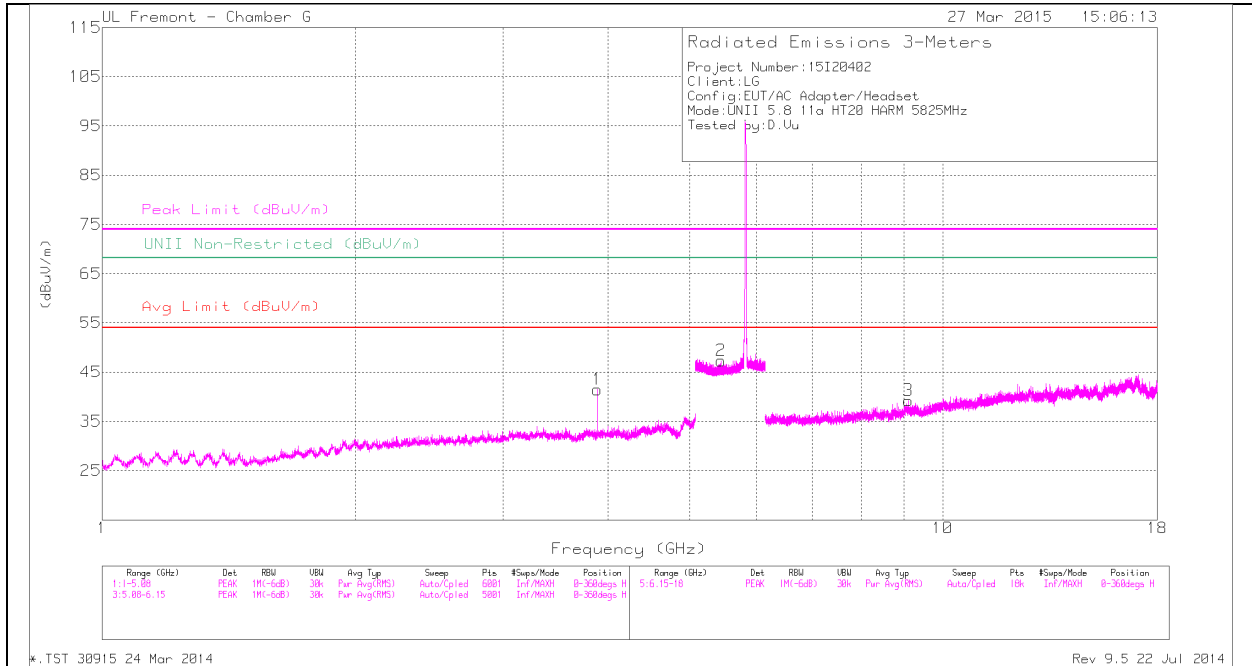
Frequency (GHz)	Meter Reading (dBuV)	Det	AF T862 (dB/m)	Amp/Cbl/Ftr/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
* 3.857	42.19	PK1	33.1	-33.5	0	41.79	-	-	74	-32.21	-	-	0	202	V
* 3.857	32.38	AD1	33.1	-33.5	.21	32.19	54	-21.81	-	-	-	-	0	202	V
* 5.353	42.93	PK1	34.6	-23.7	0	53.83	-	-	74	-20.17	-	-	0	202	V
* 5.355	31.97	AD1	34.6	-23.7	.21	43.08	54	-10.92	-	-	-	-	0	202	V

\* - indicates frequency in CFR 47, Part 15 and Industry Canada RSS-Restricted Band.

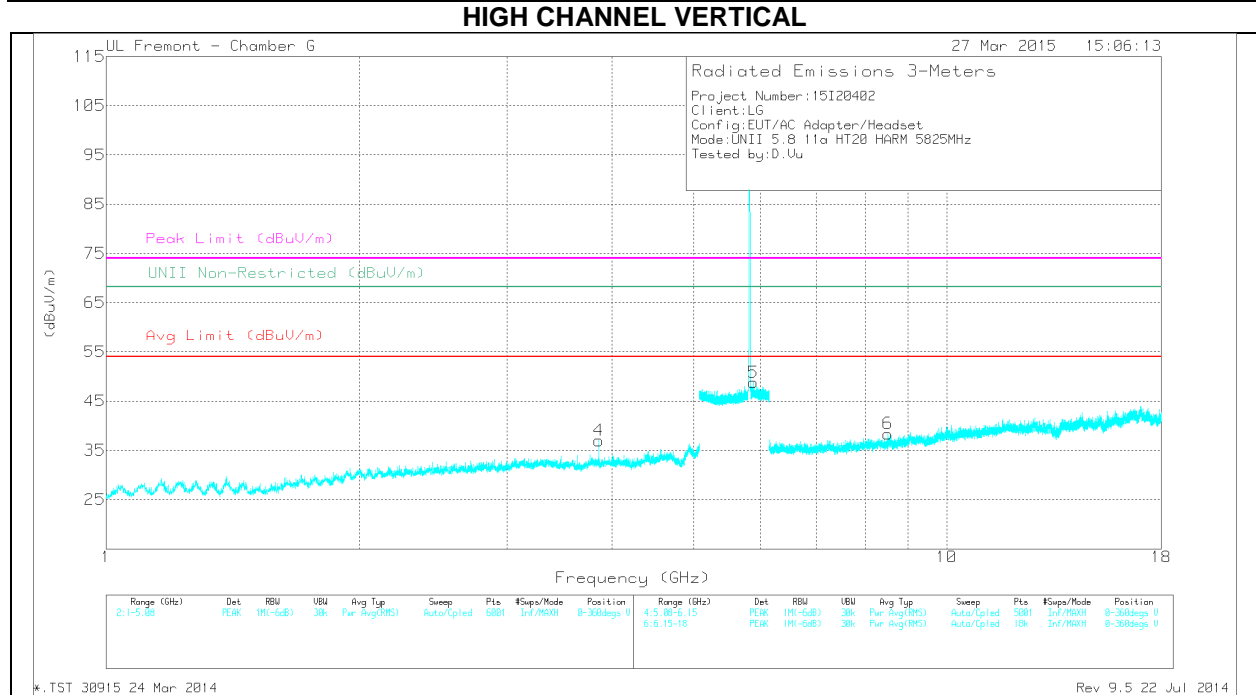
PK1 - KDB789033 Method: Peak

AD1 - KDB789033 Method: AD Primary Power Average

**HIGH CHANNEL HORIZONTAL**



Note: Emission was scanned up to 40GHz; No emissions were detected above the noise floor which was at least 20dB below the specification limit.



Note: Emission was scanned up to 40GHz; No emissions were detected above the noise floor which was at least 20dB below the specification limit.

**HIGH CHANNEL DATA**

*TRACE MARKERS*

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T862 (dB/m)	Amp/Cbl/Ftr/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 3.883	41.86	PK	33.2	-33.6	0	41.46	-	-	74	-32.54	-	-	0-360	201	H
4	* 3.857	37.39	PK	33.1	-33.5	0	36.99	-	-	74	-37.01	-	-	0-360	201	V
2	* 5.45	36.23	PK	34.7	-23.6	0	47.33	-	-	74	-26.67	-	-	0-360	201	H
3	* 9.103	31.54	PK	36.4	-28.7	0	39.24	-	-	74	-34.76	-	-	0-360	201	H
5	5.887	37.37	PK	35	-23.6	0	48.77	-	-	-	-	68.2	-19.43	0-360	201	V
6	8.509	32.48	PK	35.8	-29.9	0	38.38	-	-	-	-	68.2	-29.82	0-360	201	V

\* - indicates frequency in CFR 47, Part 15 and Industry Canada RSS-Restricted Band.

PK - Peak detector

**Radiated Emissions**

Frequency (GHz)	Meter Reading (dBuV)	Det	AF T862 (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
* 3.883	44.56	PK1	33.2	-33.6	0	44.16	-	-	74	-29.84	-	-	0	202	H
* 3.883	37.91	AD1	33.2	-33.6	.21	37.72	54	-16.28	-	-	-	-	0	202	H
* 5.449	43.03	PK1	34.7	-23.6	0	54.13	-	-	74	-19.87	-	-	0	202	H
* 5.449	31.97	AD1	34.7	-23.6	.21	43.28	54	-10.72	-	-	-	-	0	202	H

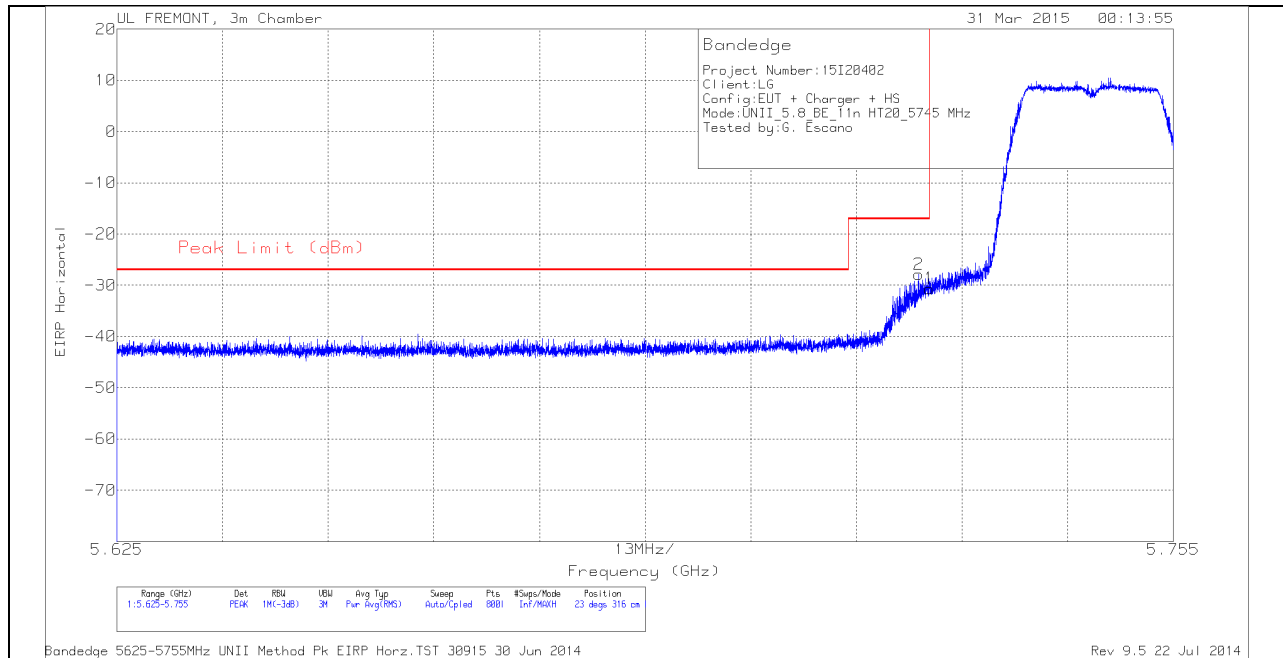
\* - indicates frequency in CFR 47, Part 15 and Industry Canada RSS-Restricted Band.

PK1 - KDB789033 Method: Peak

AD1 - KDB789033 Method: AD Primary Power Average

**11.4.2. TX ABOVE 1 GHz 802.11n HT20 MODE IN THE 5.8 GHz BAND  
 RESTRICTED BANDEDGE (LOW CHANNEL)**

**HORIZONTAL PEAK AND AVERAGE PLOT**



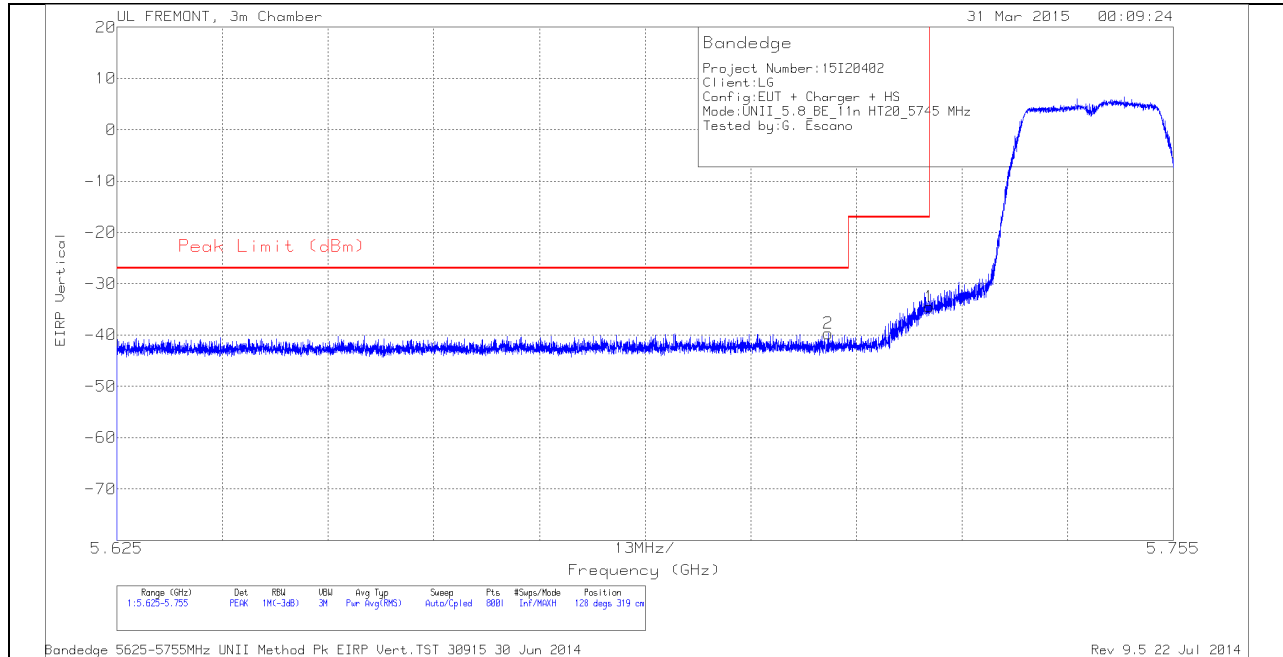
**HORIZONTAL DATA**

Marker	Frequency (GHz)	Meter Reading (dBm)	Det	AF T119 (dB/m)	Amp/Cbl/F ltr/Pad (dB)	Conversion Factor (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
2	5.724	-53.41	PK	34.8	-21	11.8	-27.81	-17	-10.81	23	316	H
1	5.725	-56.13	PK	34.8	-21.1	11.8	-30.63	-17	-13.63	23	316	H

\* - indicates frequency in CFR15.205/IC7.2.2 Restricted Band

PK - Peak detector

**VERTICAL PEAK AND AVERAGE PLOT**



**VERTICAL DATA**

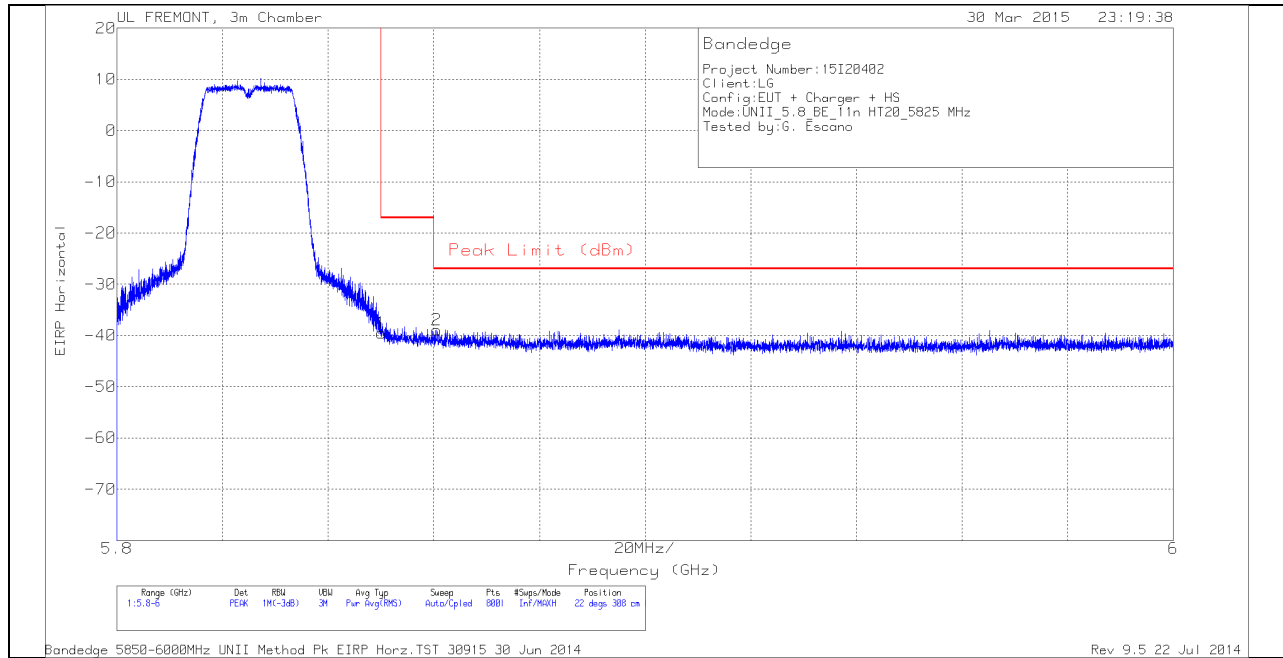
Marker	Frequency (GHz)	Meter Reading (dBm)	Det	AF T119 (dB/m)	Amp/Cbl/F ltr/Pad (dB)	Conversion Factor (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
2	5.713	-65.31	PK	34.8	-21	11.8	-39.71	-27	-12.71	128	319	V
1	5.725	-60.04	PK	34.8	-21.1	11.8	-34.54	-17	-17.54	128	319	V

\* - indicates frequency in CFR15.205/IC7.2.2 Restricted Band

PK - Peak detector

**AUTHORIZED BANDEDGE (HIGH CHANNEL)**

**HORIZONTAL PEAK AND AVERAGE PLOT**



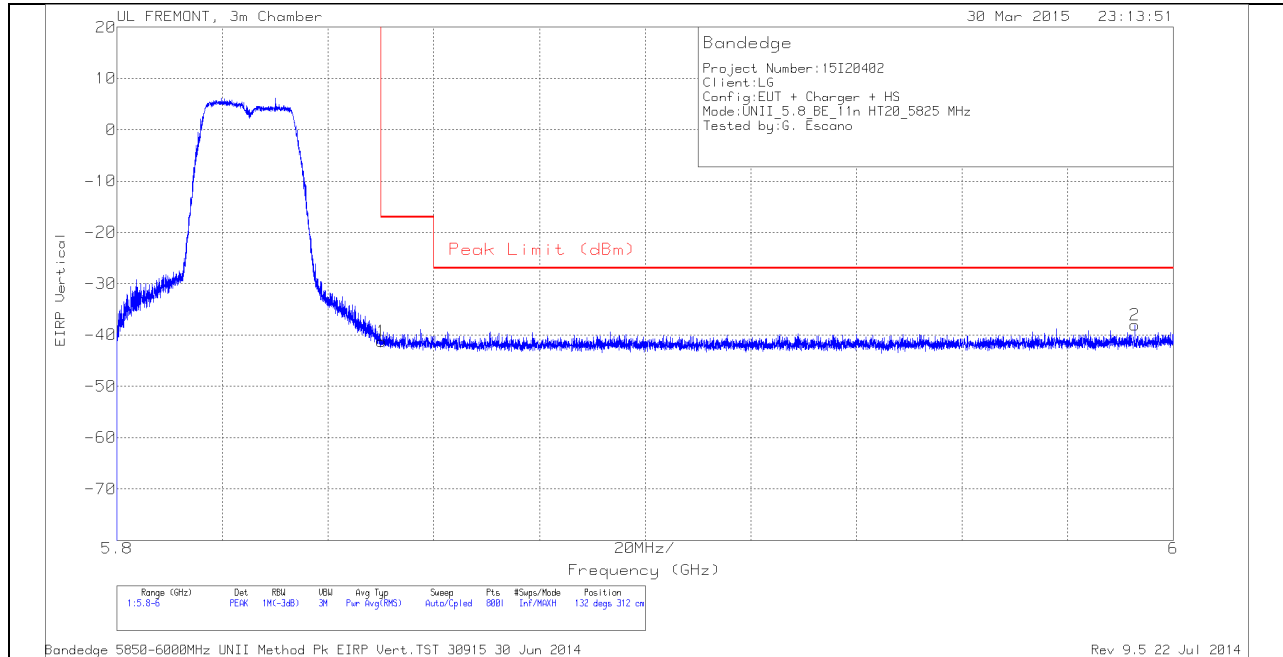
**HORIZONTAL DATA**

Marker	Frequency (GHz)	Meter Reading (dBm)	Det	AF T119 (dB/m)	Amp/Cbl/F Itr/Pad (dB)	Conversion Factor (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.85	-64.88	PK	34.9	-21.3	11.8	-39.48	-17	-22.48	22	308	H
2	5.861	-64.27	PK	34.9	-21.3	11.8	-38.87	-27	-11.87	22	308	H

\* - indicates frequency in CFR15.205/IC7.2.2 Restricted Band

PK - Peak detector

**VERTICAL PEAK AND AVERAGE PLOT**



**VERTICAL DATA**

Marker	Frequency (GHz)	Meter Reading (dBm)	Det	AF T119 (dB/m)	Amp/Cbl/F ltr/Pad (dB)	Conversion Factor (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.85	-66.66	PK	34.9	-21.3	11.8	-41.26	-17	-24.26	132	312	V
2	5.993	-64.19	PK	35.2	-20.9	11.8	-38.09	-27	-11.09	132	312	V

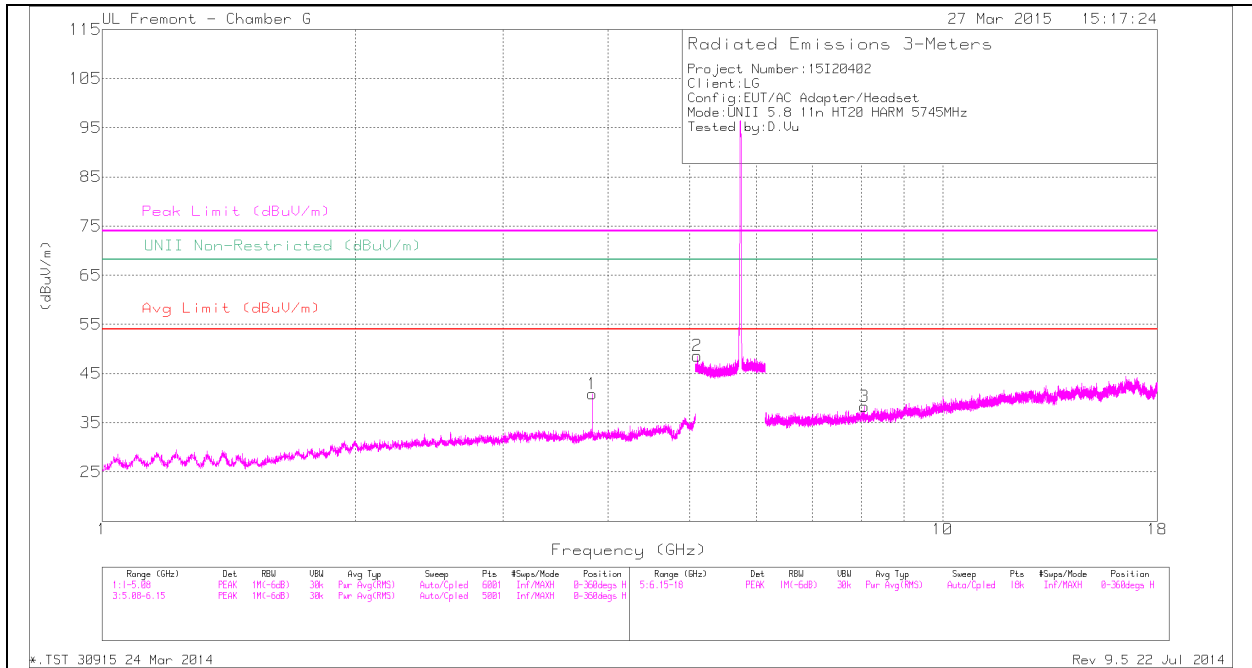
\* - indicates frequency in CFR15.205/IC7.2.2 Restricted Band

PK - Peak detector



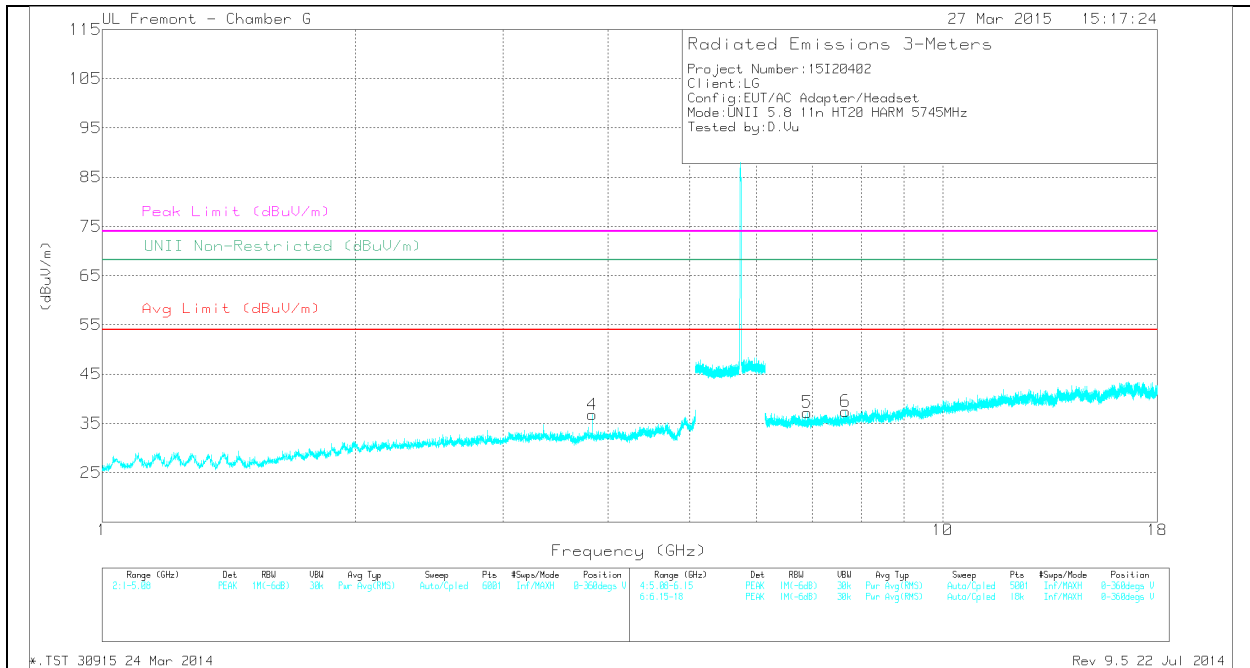
**HARMONICS AND SPURIOUS EMISSIONS**

**LOW CHANNEL HORIZONTAL**



Note: Emission was scanned up to 40GHz; No emissions were detected above the noise floor which was at least 20dB below the specification limit.

**LOW CHANNEL VERTICAL**



Note: Emission was scanned up to 40GHz; No emissions were detected above the noise floor which was at least 20dB below the specification limit.

**LOW CHANNEL DATA**

*TRACE MARKERS*

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T862 (dB/m)	Amp/Cbl/Ftr/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 3.83	40.94	PK	33.1	-33.2	0	40.84	-	-	74	-33.16	-	-	0-360	101	H
4	* 3.83	36.86	PK	33.1	-33.2	0	36.76	-	-	74	-37.24	-	-	0-360	201	V
2	* 5.108	37.91	PK	34.3	-23.6	0	48.61	-	-	74	-25.39	-	-	0-360	101	H
3	* 8.074	32.38	PK	35.8	-29.9	0	38.28	-	-	74	-35.72	-	-	0-360	201	H
6	* 7.66	32.45	PK	35.7	-30.7	0	37.45	-	-	74	-36.55	-	-	0-360	201	V
5	6.895	33.62	PK	35.6	-32	0	37.22	-	-	-	-	68.2	-30.98	0-360	101	V

\* - indicates frequency in CFR 47, Part 15 and Industry Canada RSS-Restricted Band.

PK - Peak detector

**Radiated Emissions**

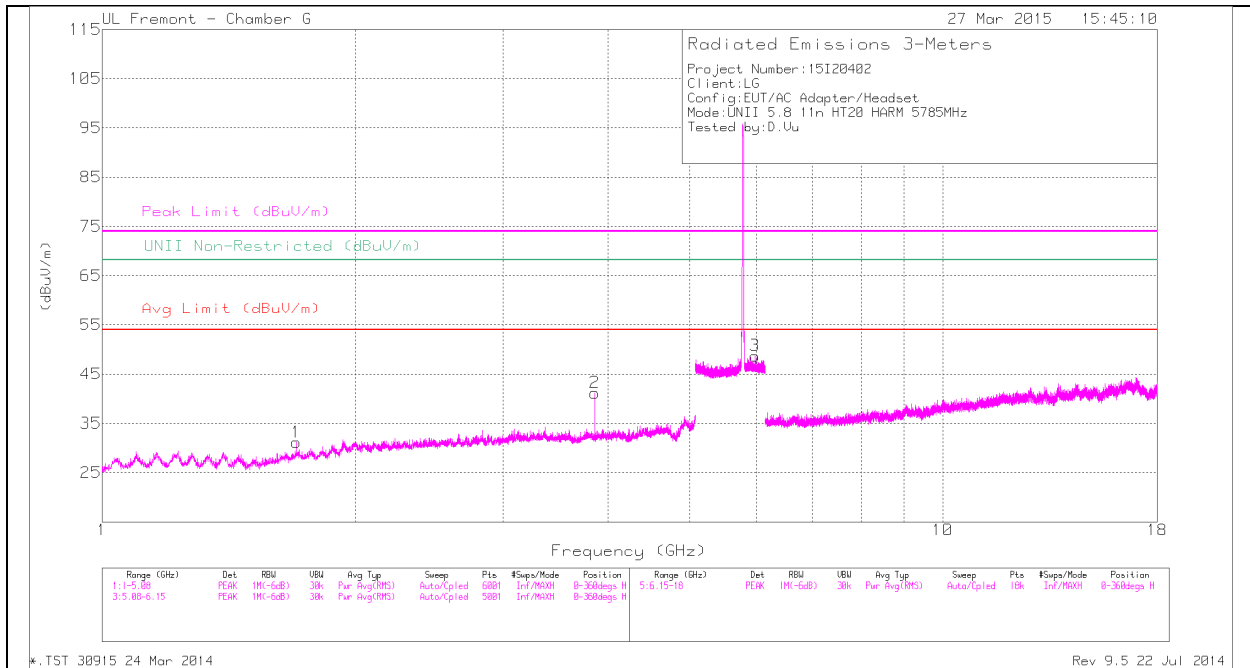
Frequency (GHz)	Meter Reading (dBuV)	Det	AF T862 (dB/m)	Amp/Cbl/Ftr/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
* 3.83	43.4	PK1	33.1	-33.2	0	43.3	-	-	74	-30.7	-	-	0	101	H
* 3.83	35.17	AD1	33.1	-33.2	.22	35.3	54	-18.7	-	-	-	-	0	101	H
* 5.107	43.4	PK1	34.3	-23.6	0	54.1	-	-	74	-19.9	-	-	0	101	H
* 5.108	32.65	AD1	34.3	-23.6	.22	43.57	54	-10.43	-	-	-	-	0	101	H

\* - indicates frequency in CFR 47, Part 15 and Industry Canada RSS-Restricted Band.

PK1 - KDB789033 Method: Peak

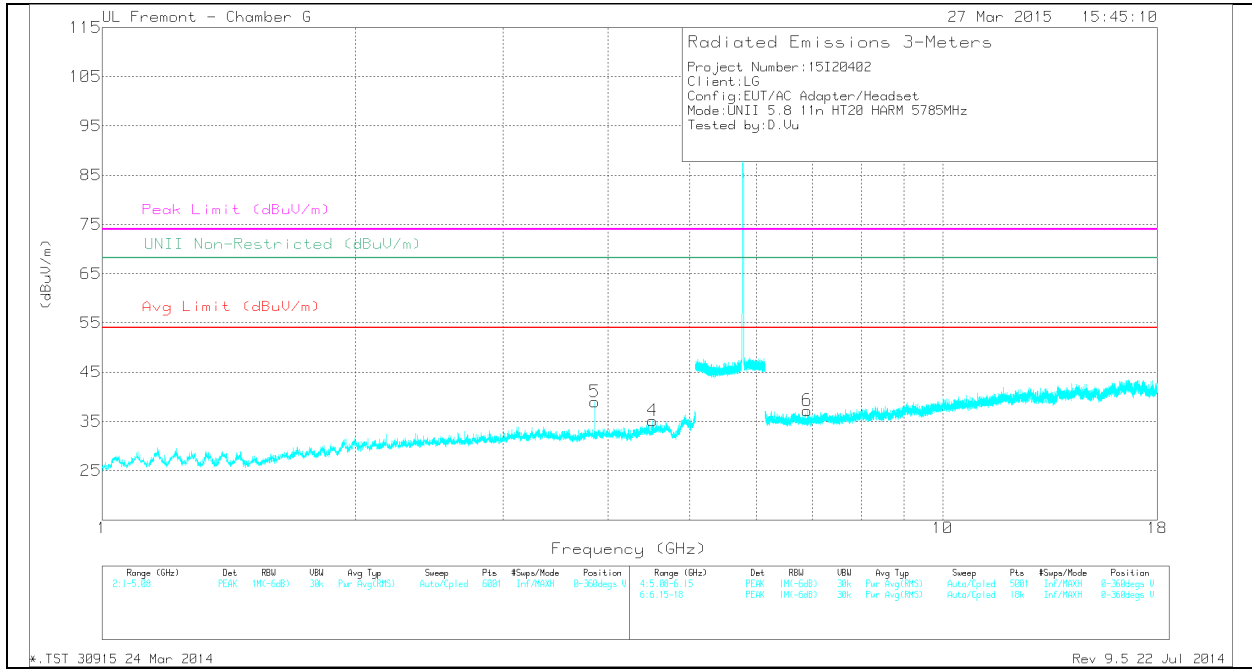
AD1 - KDB789033 Method: AD Primary Power Average

**MID CHANNEL HORIZONTAL**



Note: Emission was scanned up to 40GHz; No emissions were detected above the noise floor which was at least 20dB below the specification limit.

**MID CHANNEL VERTICAL**



Note: Emission was scanned up to 40GHz; No emissions were detected above the noise floor which was at least 20dB below the specification limit.

**MID CHANNEL DATA**

*TRACE MARKERS*

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T862 (dB/m)	Amp/Cbl/Ftr/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 1.702	36.15	PK	29.3	-34.3	0	31.15	-	-	74	-42.85	-	-	0-360	101	H
2	* 3.857	41.6	PK	33.1	-33.5	0	41.2	-	-	74	-32.8	-	-	0-360	201	H
4	* 4.517	34.67	PK	33.7	-33.2	0	35.17	-	-	74	-38.83	-	-	0-360	201	V
5	* 3.857	39.39	PK	33.1	-33.5	0	38.99	-	-	74	-35.01	-	-	0-360	201	V
3	5.979	37.13	PK	35.2	-23.6	0	48.73	-	-	-	-	68.2	-19.47	0-360	201	H
6	6.895	33.62	PK	35.6	-32	0	37.22	-	-	-	-	68.2	-30.98	0-360	101	V

\* - indicates frequency in CFR 47, Part 15 and Industry Canada RSS-Restricted Band.

PK - Peak detector

**Radiated Emissions**

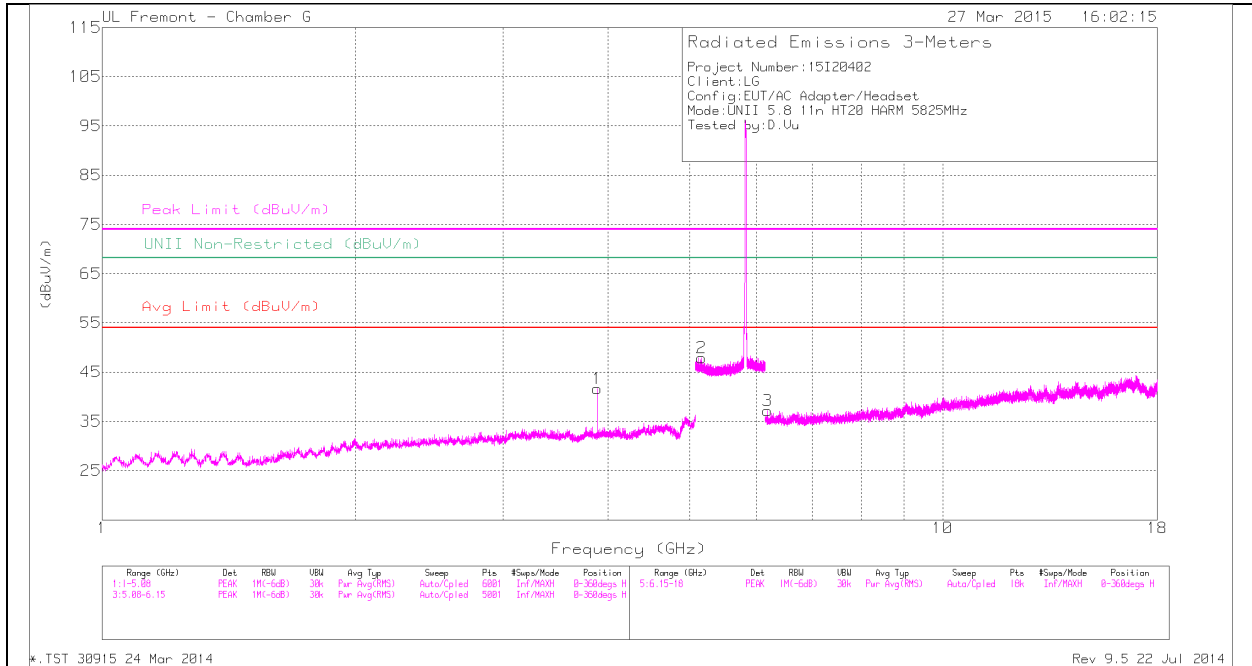
Frequency (GHz)	Meter Reading (dBuV)	Det	AF T862 (dB/m)	Amp/Cbl/Ftr/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
* 3.856	43.31	PK1	33.1	-33.5	0	42.91	-	-	74	-31.09	-	-	0	201	H
* 3.857	36.07	AD1	33.1	-33.5	.22	35.89	54	-18.11	-	-	-	-	0	201	H
5.977	43.15	PK1	35.2	-23.6	0	54.75	-	-	-	-	68.2	-13.45	0	201	H
5.979	32.37	AD1	35.2	-23.6	.22	44.19	-	-	-	-	-	-	0	201	H

\* - indicates frequency in CFR 47, Part 15 and Industry Canada RSS-Restricted Band.

PK1 - KDB789033 Method: Peak

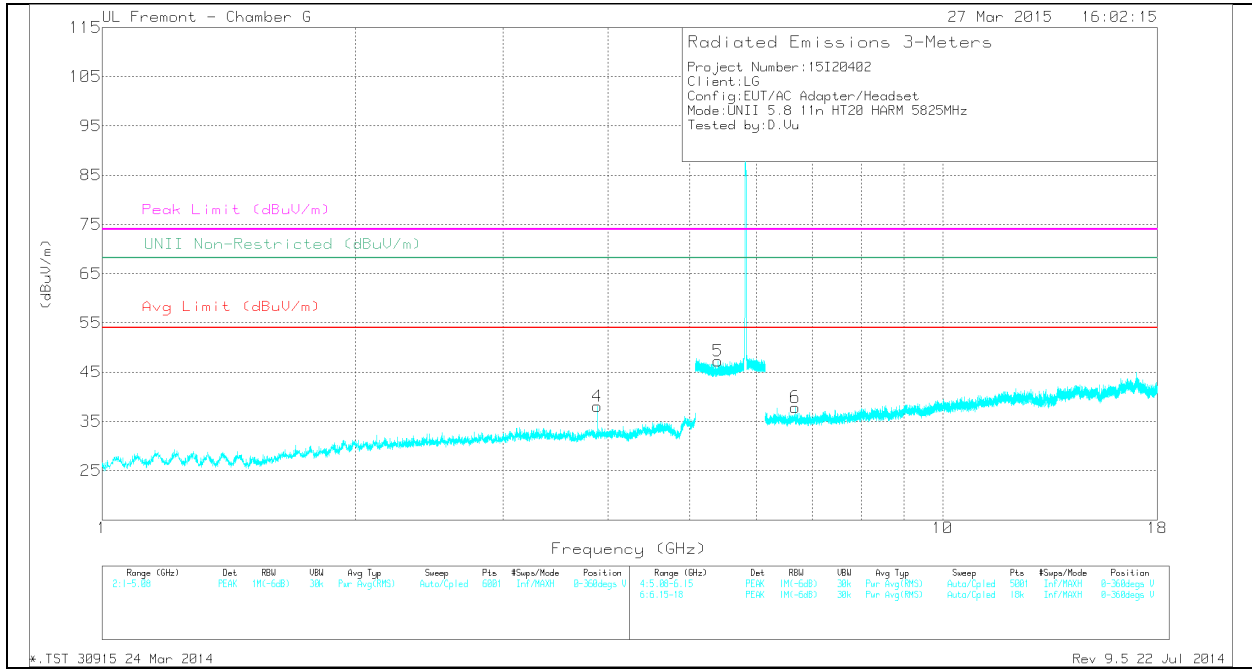
AD1 - KDB789033 Method: AD Primary Power Average

**HIGH CHANNEL HORIZONTAL**



Note: Emission was scanned up to 40GHz; No emissions were detected above the noise floor which was at least 20dB below the specification limit.

**HIGH CHANNEL VERTICAL**



Note: Emission was scanned up to 40GHz; No emissions were detected above the noise floor which was at least 20dB below the specification limit.



**HIGH CHANNEL DATA**

*TRACE MARKERS*

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T862 (dB/m)	Amp/Cbl/Ftr/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 3.883	42.02	PK	33.2	-33.6	0	41.62	-	-	74	-32.38	-	-	0-360	201	H
4	* 3.883	38.46	PK	33.2	-33.6	0	38.06	-	-	74	-35.94	-	-	0-360	101	V
5	* 5.406	36.24	PK	34.6	-23.6	0	47.24	-	-	74	-26.76	-	-	0-360	201	V
2	5.166	37.08	PK	34.4	-23.6	0	47.88	-	-	-	-	68.2	-20.32	0-360	100	H
3	6.192	33.94	PK	35.6	-32.4	0	37.14	-	-	-	-	68.2	-31.06	0-360	201	H
6	6.681	33.84	PK	35.6	-31.6	0	37.84	-	-	-	-	68.2	-30.36	0-360	201	V

\* - indicates frequency in CFR 47, Part 15 and Industry Canada RSS-Restricted Band.

PK - Peak detector

**Radiated Emissions**

Frequency (GHz)	Meter Reading (dBuV)	Det	AF T862 (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
* 3.884	42.05	PK1	33.2	-33.6	0	41.65	-	-	74	-32.35	-	-	2	102	H
* 3.883	35.53	AD1	33.2	-33.6	.22	35.35	54	-18.65	-	-	-	-	2	102	H

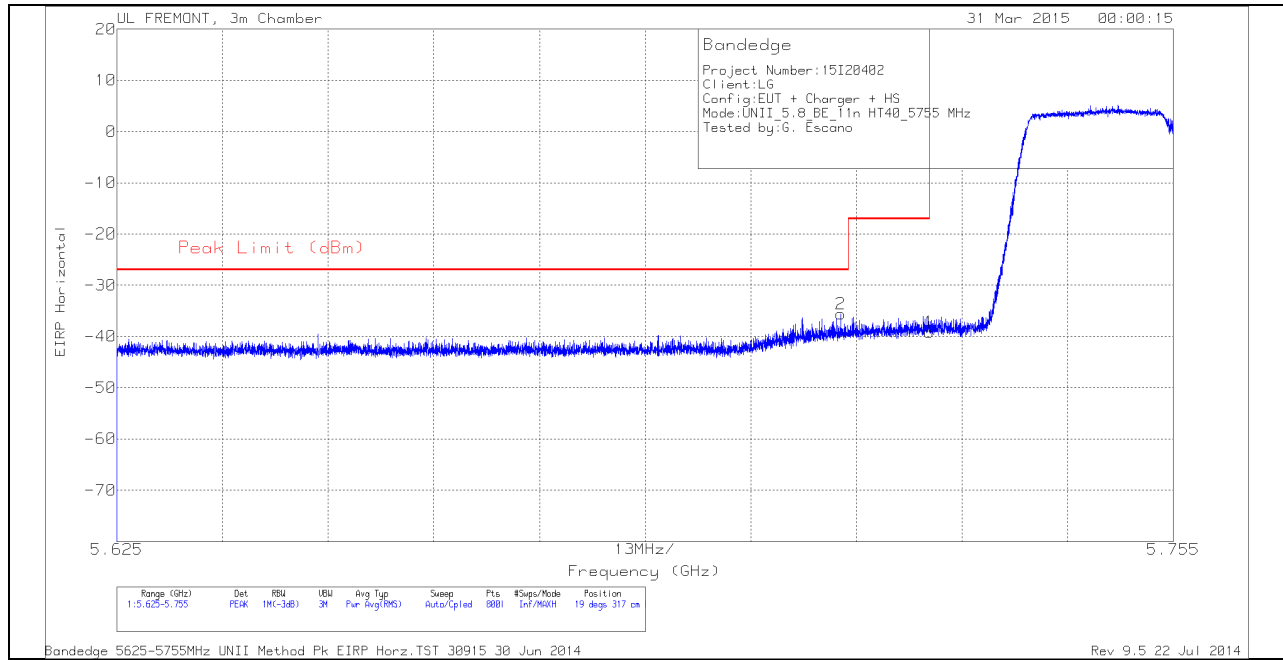
\* - indicates frequency in CFR 47, Part 15 and Industry Canada RSS-Restricted Band.

PK1 - KDB789033 Method: Peak

AD1 - KDB789033 Method: AD Primary Power Average

**TX ABOVE 1 GHz 802.11n HT40 MODE IN THE 5.8 GHz BAND  
 RESTRICTED BANDEDGE (LOW CHANNEL)**

**HORIZONTAL PEAK AND AVERAGE PLOT**



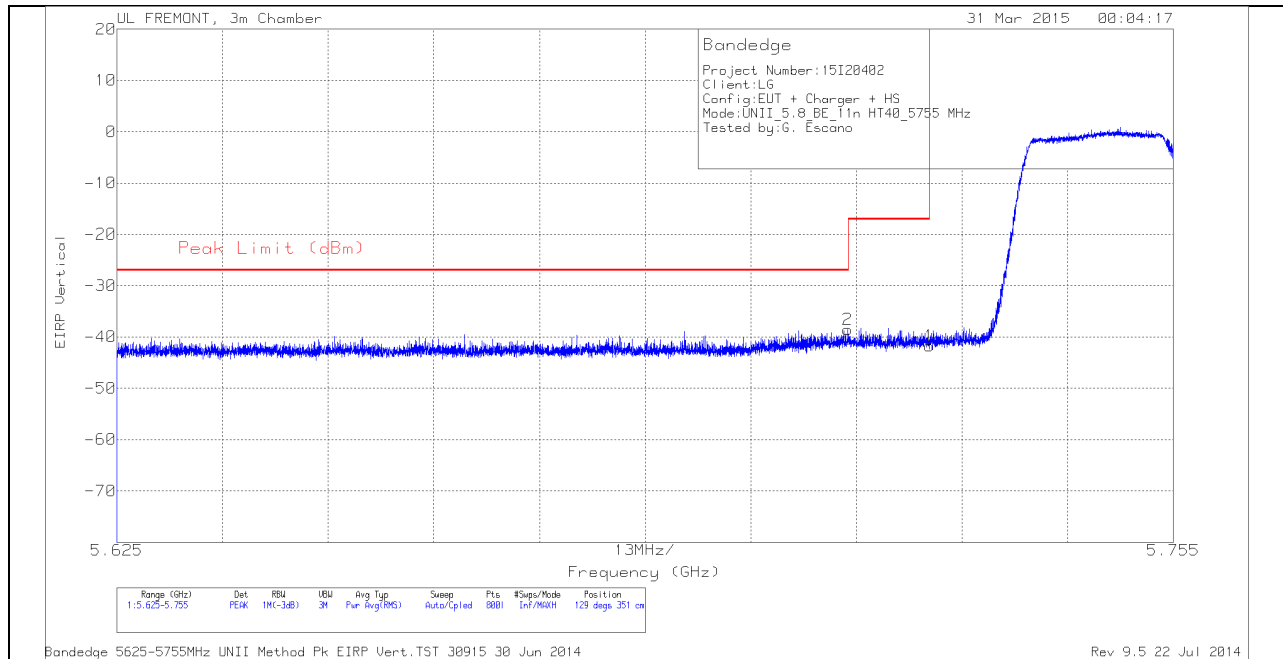
**HORIZONTAL DATA**

Marker	Frequency (GHz)	Meter Reading (dBm)	Det	AF T119 (dB/m)	Amp/Cbl/F ltr/Pad (dB)	Conversion Factor (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
2	5.714	-61.15	PK	34.8	-21	11.8	-35.55	-27	-8.55	19	317	H
1	5.725	-64.64	PK	34.8	-21.1	11.8	-39.14	-17	-22.14	19	317	H

\* - indicates frequency in CFR15.205/IC7.2.2 Restricted Band

PK - Peak detector

**VERTICAL PEAK AND AVERAGE PLOT**



**VERTICAL DATA**

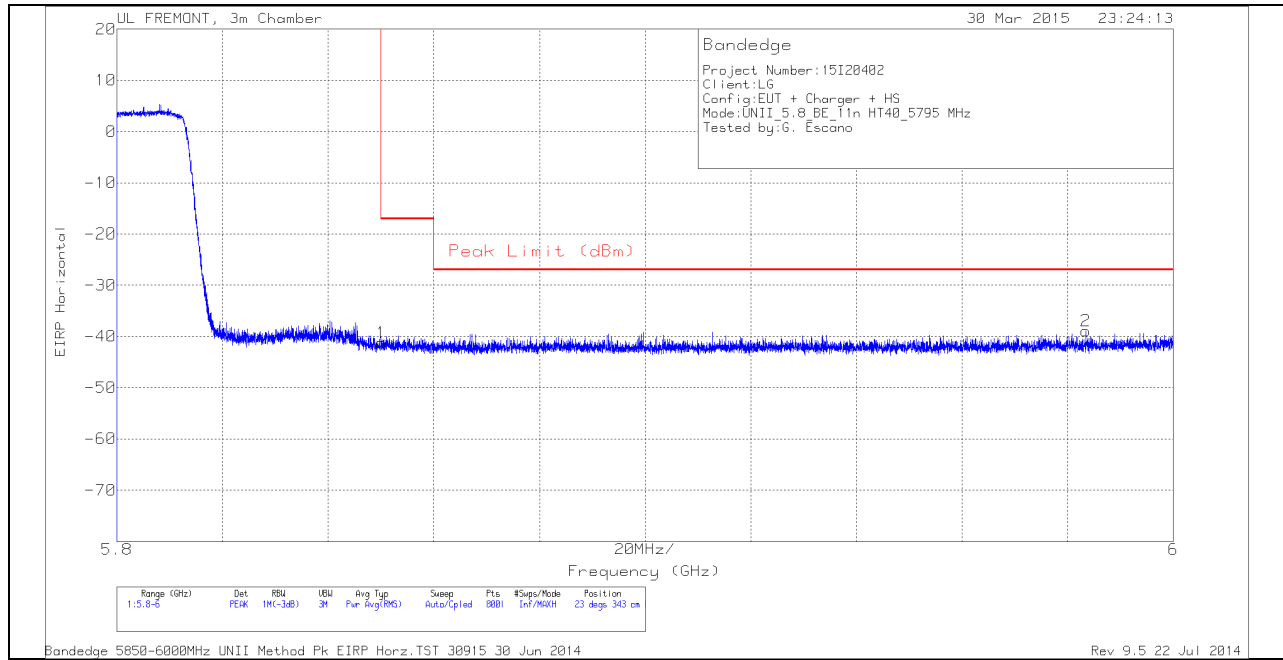
Marker	Frequency (GHz)	Meter Reading (dBm)	Det	AF T119 (dB/m)	Amp/Cbl/F ltr/Pad (dB)	Conversion Factor (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
2	5.715	-64.09	PK	34.8	-21.1	11.8	-38.59	-27	-11.59	129	351	V
1	5.725	-67.22	PK	34.8	-21.1	11.8	-41.72	-17	-24.72	129	351	V

\* - indicates frequency in CFR15.205/IC7.2.2 Restricted Band

PK - Peak detector

**AUTHORIZED BANDEGE (HIGH CHANNEL)**

**HORIZONTAL PEAK AND AVERAGE PLOT**



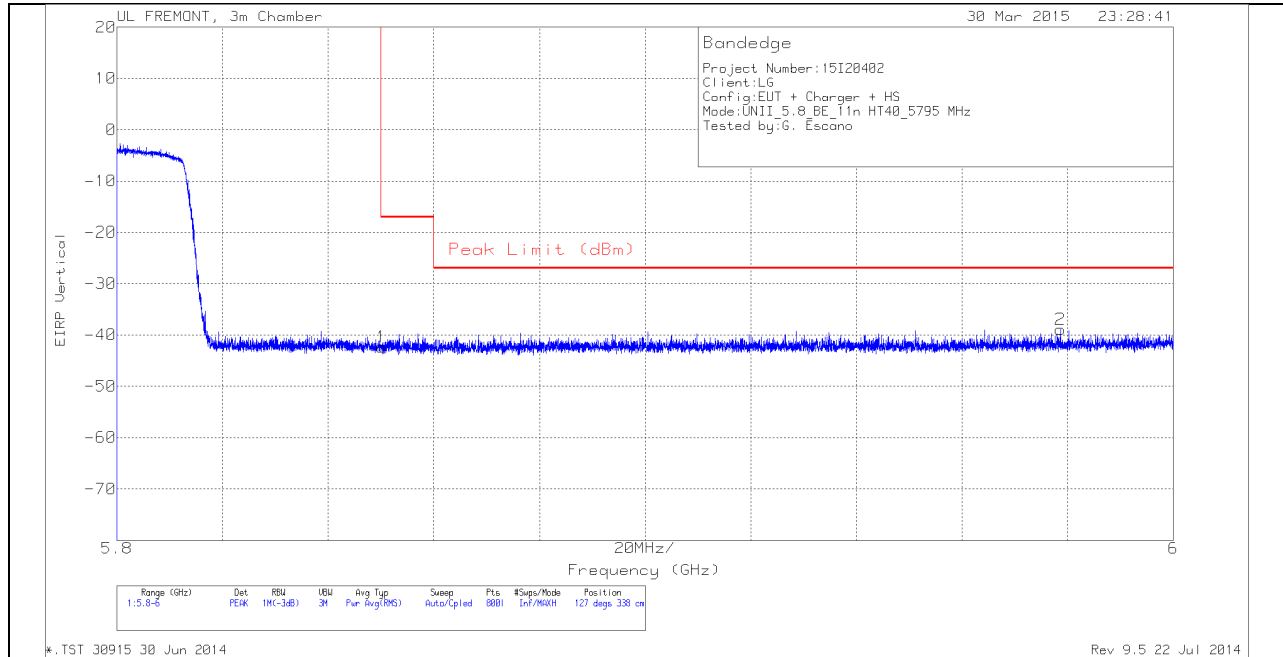
**HORIZONTAL DATA**

Marker	Frequency (GHz)	Meter Reading (dBm)	Det	AF T119 (dB/m)	Amp/Cbl/F ltr/Pad (dB)	Conversion Factor (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.85	-66.7	PK	34.9	-21.3	11.8	-41.3	-17	-24.3	23	343	H
2	5.983	-65.05	PK	35.2	-20.9	11.8	-38.95	-27	-11.95	23	343	H

\* - indicates frequency in CFR15.205/IC7.2.2 Restricted Band

PK - Peak detector

**VERTICAL PEAK AND AVERAGE PLOT**



**VERTICAL DATA**

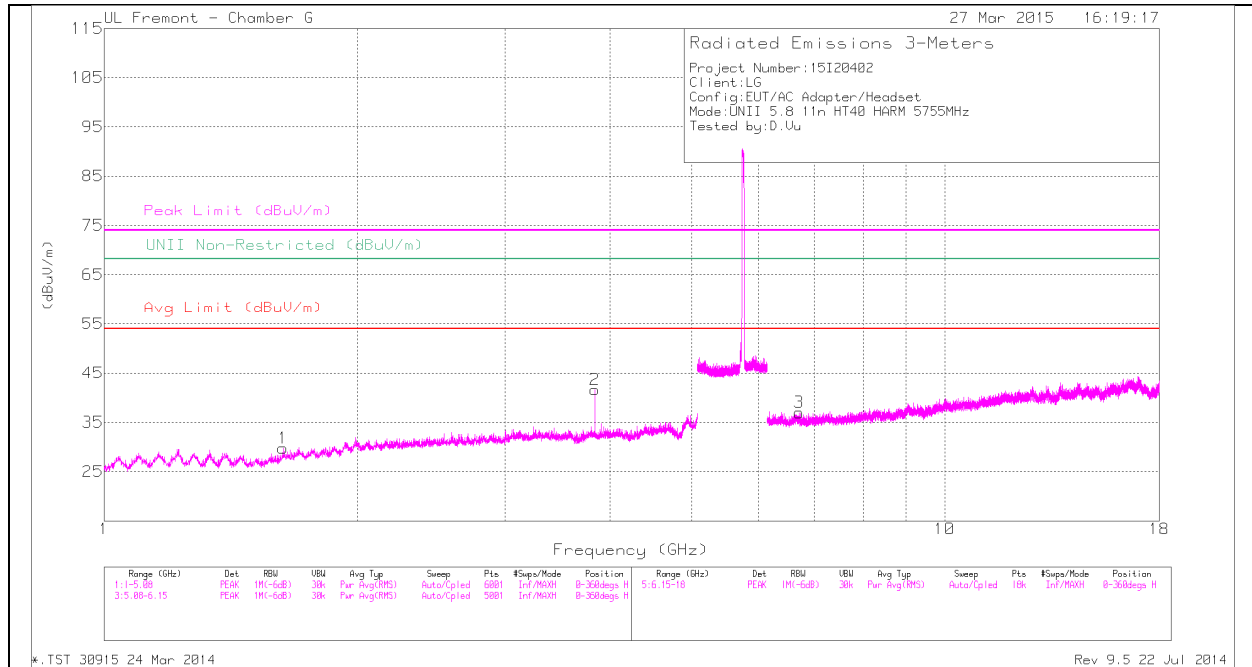
Marker	Frequency (GHz)	Meter Reading (dBm)	Det	AF T119 (dB/m)	Amp/Cbl/F ltr/Pad (dB)	Conversion Factor (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.85	-67.73	PK	34.9	-21.3	11.8	-42.33	-17	-25.33	127	338	V
2	5.979	-65	PK	35.2	-20.9	11.8	-38.9	-27	-11.9	127	338	V

\* - indicates frequency in CFR15.205/IC7.2.2 Restricted Band

PK - Peak detector

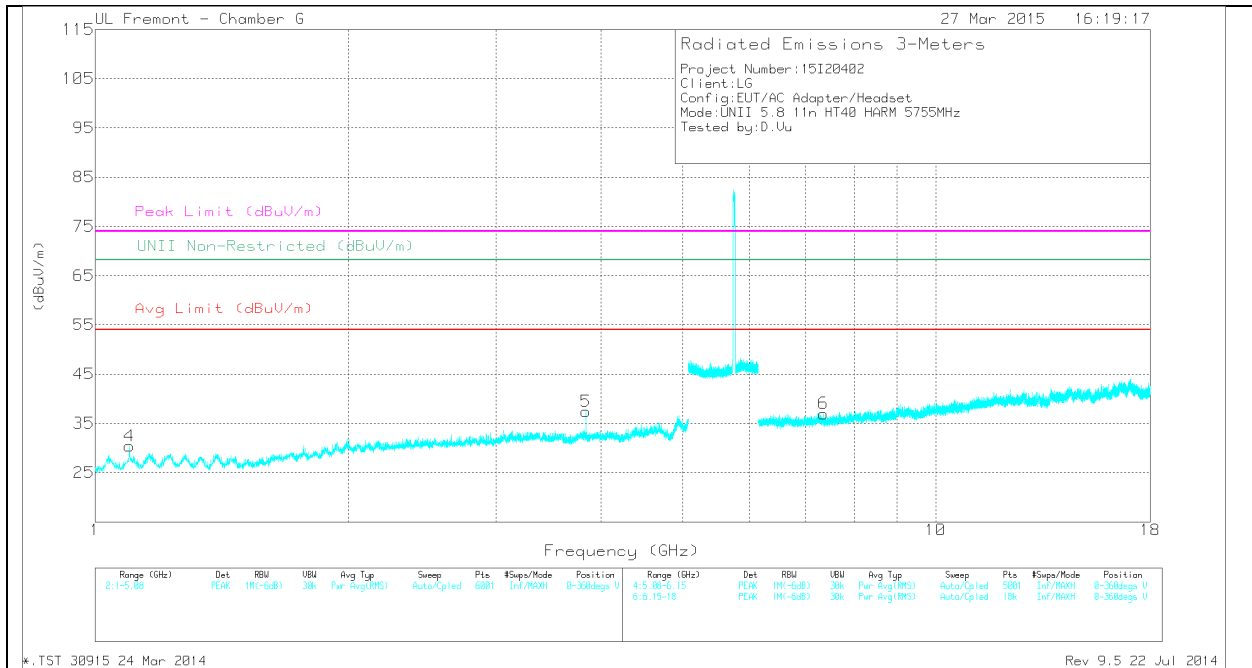
**HARMONICS AND SPURIOUS EMISSIONS**

**LOW CHANNEL HORIZONTAL**



Note: Emission was scanned up to 40GHz; No emissions were detected above the noise floor which was at least 20dB below the specification limit.

**LOW CHANNEL VERTICAL**



Note: Emission was scanned up to 40GHz; No emissions were detected above the noise floor which was at least 20dB below the specification limit.

**LOW CHANNEL DATA**

*TRACE MARKERS*

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T862 (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	* 3.836	41.91	PK	33.1	-33.4	0	41.61	-	-	74	-32.39	-	-	0-360	102	H
4	* 1.099	37.57	PK	28.5	-35.7	0	30.37	-	-	74	-43.63	-	-	0-360	201	V
5	* 3.836	37.71	PK	33.1	-33.4	0	37.41	-	-	74	-36.59	-	-	0-360	101	V
6	* 7.353	32.87	PK	35.6	-31.5	0	36.97	-	-	74	-37.03	-	-	0-360	201	V
1	1.632	35.65	PK	28.8	-34.7	0	29.75	-	-	-	-	68.2	-38.45	0-360	201	H
3	6.712	33.48	PK	35.6	-32.1	0	36.98	-	-	-	-	68.2	-31.22	0-360	201	H

\* - indicates frequency in CFR 47, Part 15 and Industry Canada RSS-Restricted Band.

PK - Peak detector

**Radiated Emissions**

Frequency (GHz)	Meter Reading (dBuV)	Det	AF T862 (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
* 3.837	41.48	PK1	33.1	-33.4	0	41.18	-	-	74	-32.82	-	-	0	102	V
* 3.837	31.93	AD1	33.1	-33.4	.45	32.08	54	-21.92	-	-	-	-	0	102	H

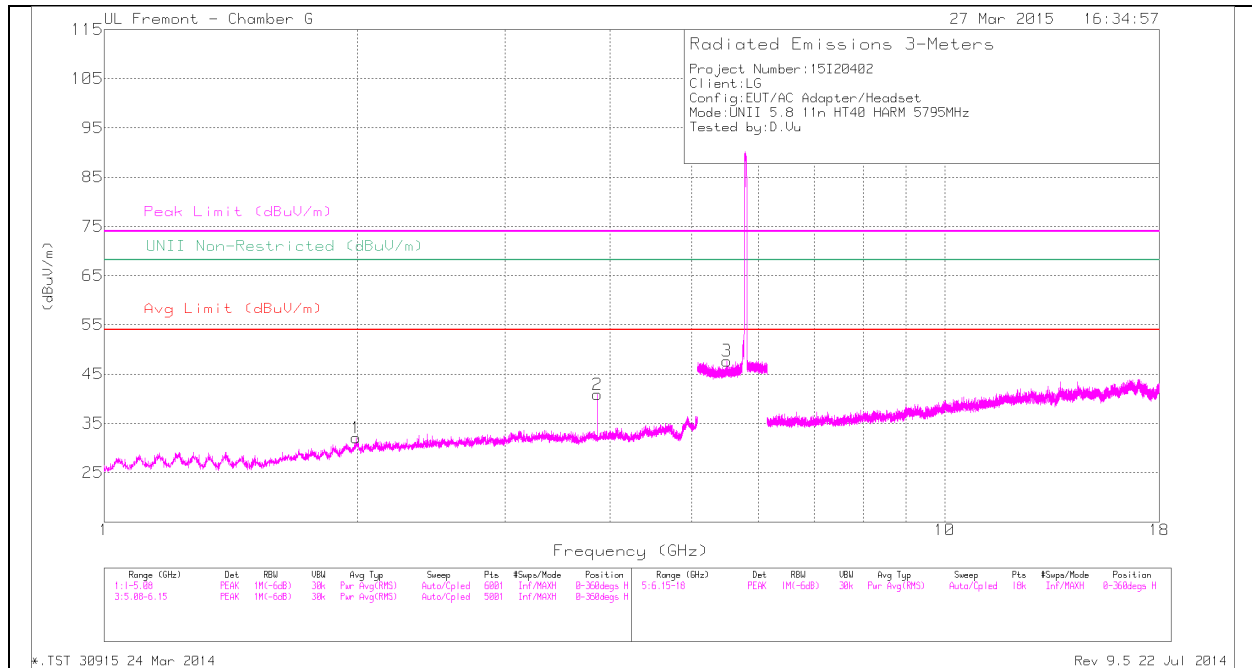
\* - indicates frequency in CFR 47, Part 15 and Industry Canada RSS-Restricted Band.

PK1 - KDB789033 Method: Peak

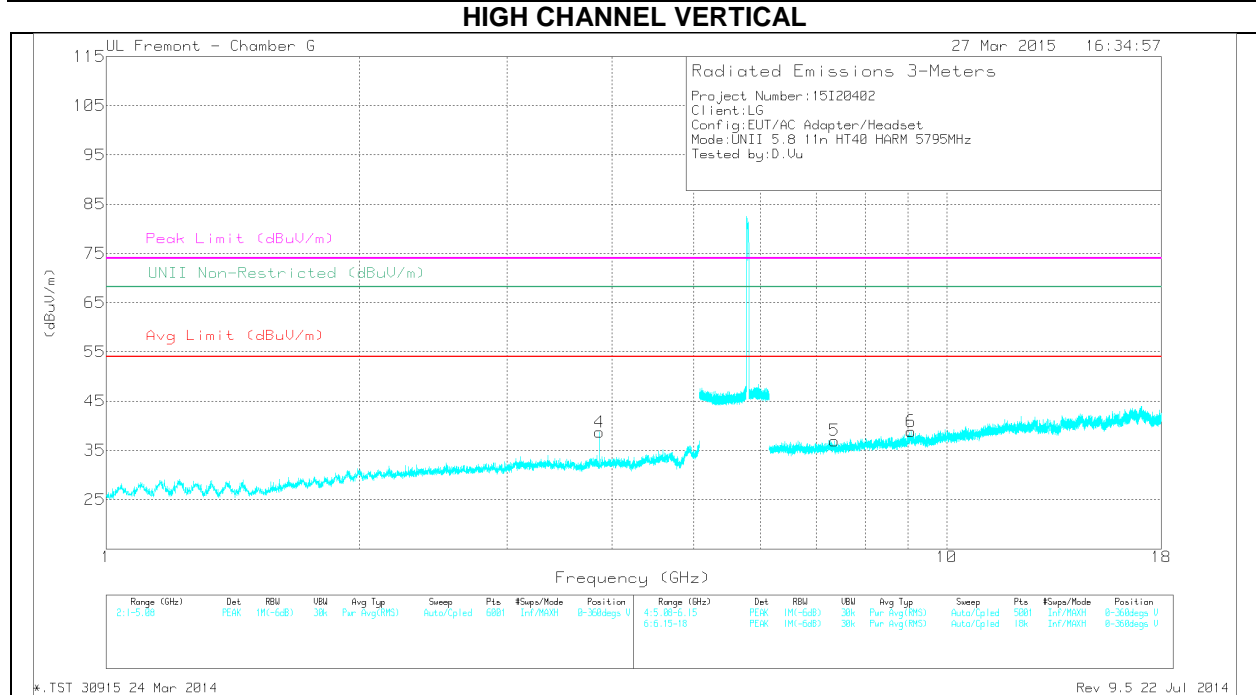
AD1 - KDB789033 Method: AD Primary Power Average



**HIGH CHANNEL HORIZONTAL**



Note: Emission was scanned up to 40GHz; No emissions were detected above the noise floor which was at least 20dB below the specification limit.



Note: Emission was scanned up to 40GHz; No emissions were detected above the noise floor which was at least 20dB below the specification limit.

**HIGH CHANNEL DATA**

*TRACE MARKERS*

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T862 (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	* 3.863	41.28	PK	33.1	-33.5	0	40.88	-	-	74	-33.12	-	-	0-360	201	H
4	* 3.863	39.07	PK	33.1	-33.5	0	38.67	-	-	74	-35.33	-	-	0-360	201	V
5	* 7.353	32.87	PK	35.6	-31.5	0	36.97	-	-	74	-37.03	-	-	0-360	201	V
6	* 9.068	31.05	PK	36.4	-28.6	0	38.85	-	-	74	-35.15	-	-	0-360	201	V
1	1.996	35.46	PK	31.3	-34.7	0	32.06	-	-	-	-	68.2	-36.14	0-360	201	H
3	5.504	36.46	PK	34.7	-23.5	0	47.66	-	-	-	-	68.2	-20.54	0-360	201	H

\* - indicates frequency in CFR 47, Part 15 and Industry Canada RSS-Restricted Band.

PK - Peak detector

**Radiated Emissions**

Frequency (GHz)	Meter Reading (dBuV)	Det	AF T862 (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
* 3.863	43.76	PK1	33.1	-33.5	0	43.36	-	-	74	-30.64	-	-	0	201	H
* 3.863	36.44	AD1	33.1	-33.5	.45	36.49	54	-17.51	-	-	-	-	0	201	H

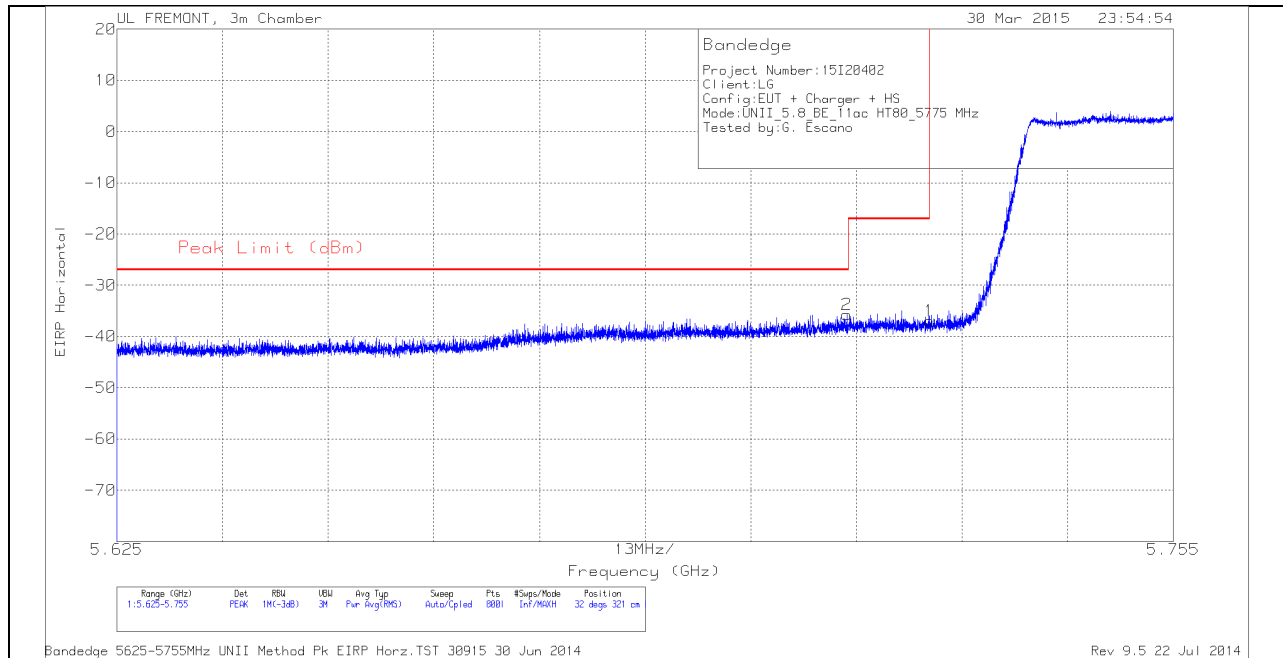
\* - indicates frequency in CFR 47, Part 15 and Industry Canada RSS-Restricted Band.

PK1 - KDB789033 Method: Peak

AD1 - KDB789033 Method: AD Primary Power Average

**11.4.3. TX ABOVE 1 GHz 802.11ac HT80 MODE IN THE 5.8 GHz BAND  
 RESTRICTED BANDEDGE (LOW CHANNEL)**

**HORIZONTAL PEAK AND AVERAGE PLOT**

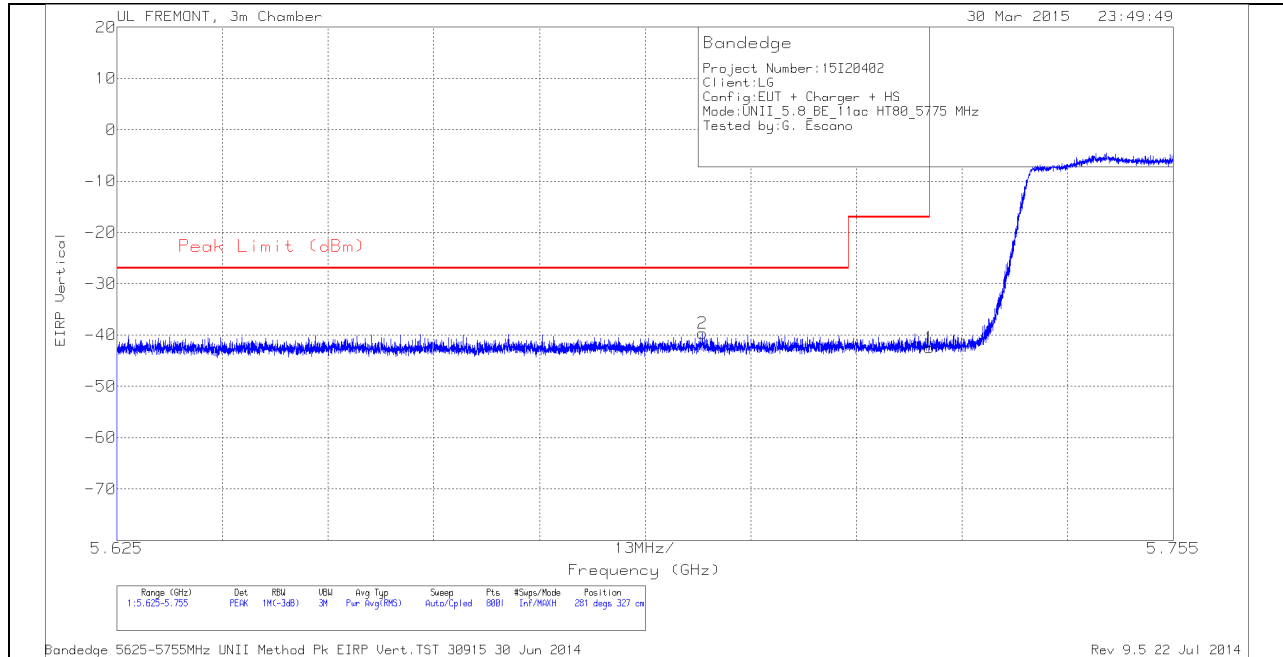


**HORIZONTAL DATA**

Marker	Frequency (GHz)	Meter Reading (dBm)	Det	AF T119 (dB/m)	Amp/Cbl/F ltr/Pad (dB)	Conversion Factor (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
2	5.715	-61.18	PK	34.8	-21.1	11.8	-35.68	-27	-8.68	32	321	H
1	5.725	-62.48	PK	34.8	-21.1	11.8	-36.98	-17	-19.98	32	321	H

PK - Peak detector

**VERTICAL PEAK AND AVERAGE PLOT**



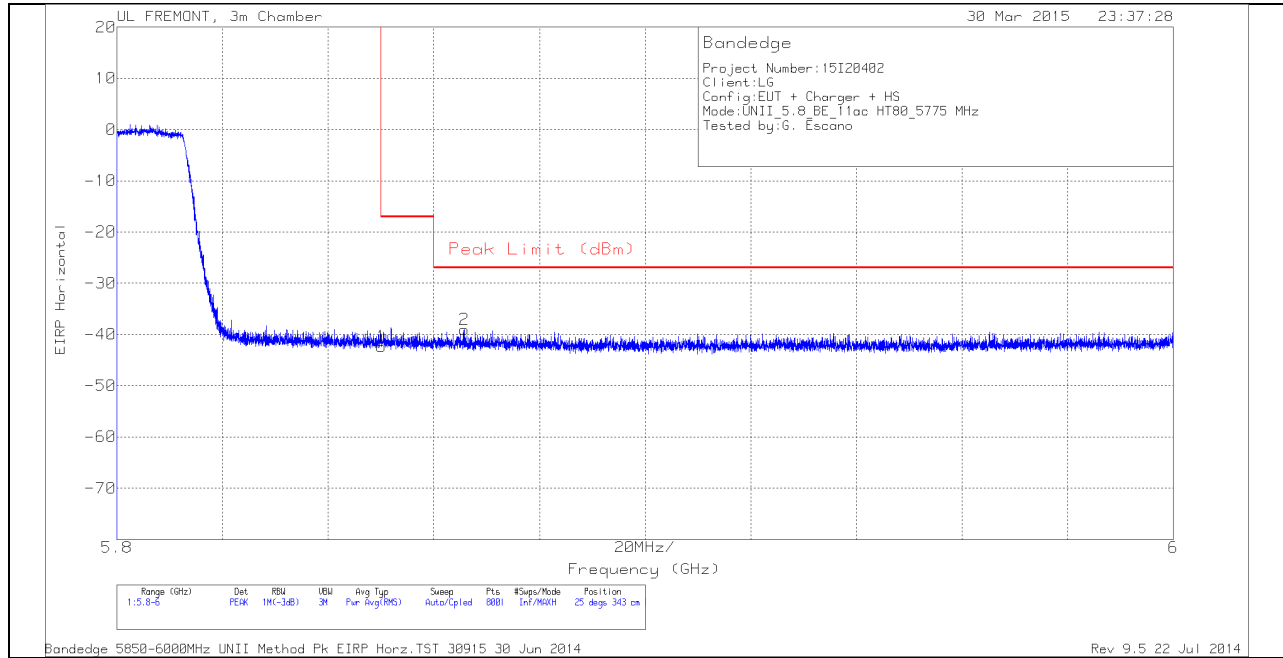
**VERTICAL DATA**

Marker	Frequency (GHz)	Meter Reading (dBm)	Det	AF T119 (dB/m)	Amp/Cbl/F ltr/Pad (dB)	Conversion Factor (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
2	5.697	-65.18	PK	34.7	-21	11.8	-39.68	-27	-12.68	281	327	V
1	5.725	-67.93	PK	34.8	-21.1	11.8	-42.43	-17	-25.43	281	327	V

PK - Peak detector

**AUTHORIZED BANDEGE (HIGH CHANNEL)**

**HORIZONTAL PEAK AND AVERAGE PLOT**

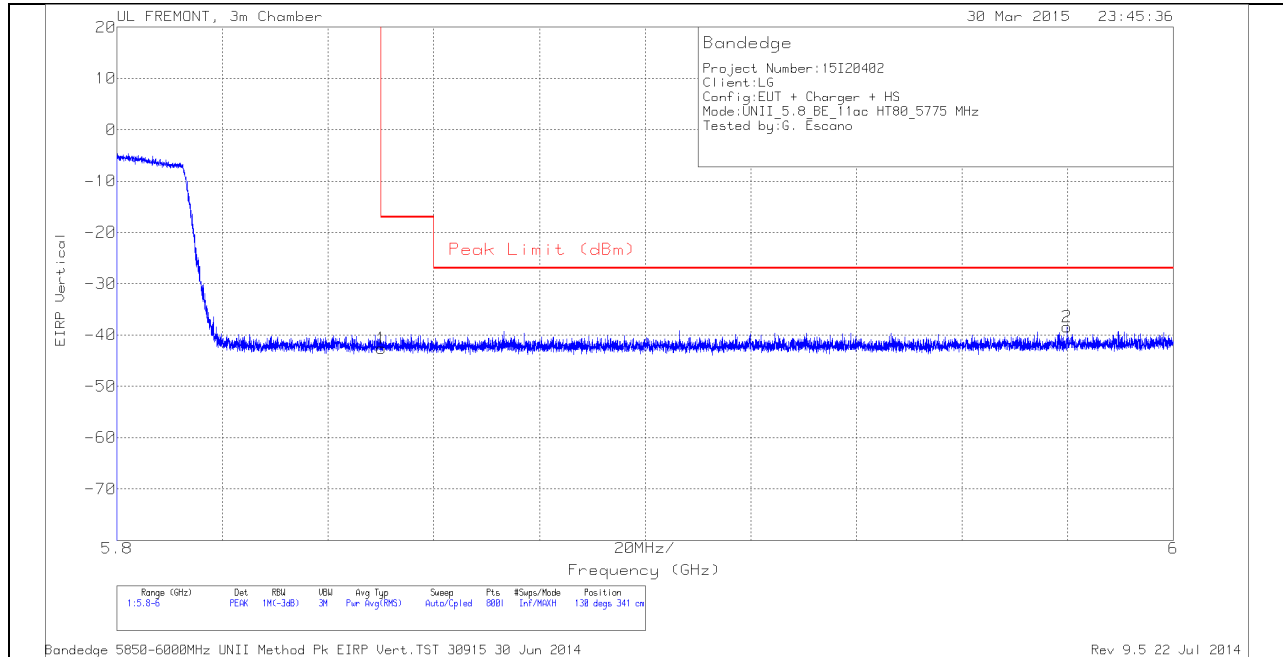


**HORIZONTAL DATA**

Marker	Frequency (GHz)	Meter Reading (dBm)	Det	AF T119 (dB/m)	Amp/Cbl/F ltr/Pad (dB)	Conversion Factor (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.85	-67.72	PK	34.9	-21.3	11.8	-42.32	-17	-25.32	25	343	H
2	5.866	-64.44	PK	34.9	-21.3	11.8	-39.04	-27	-12.04	25	343	H

PK - Peak detector

**VERTICAL PEAK AND AVERAGE PLOT**



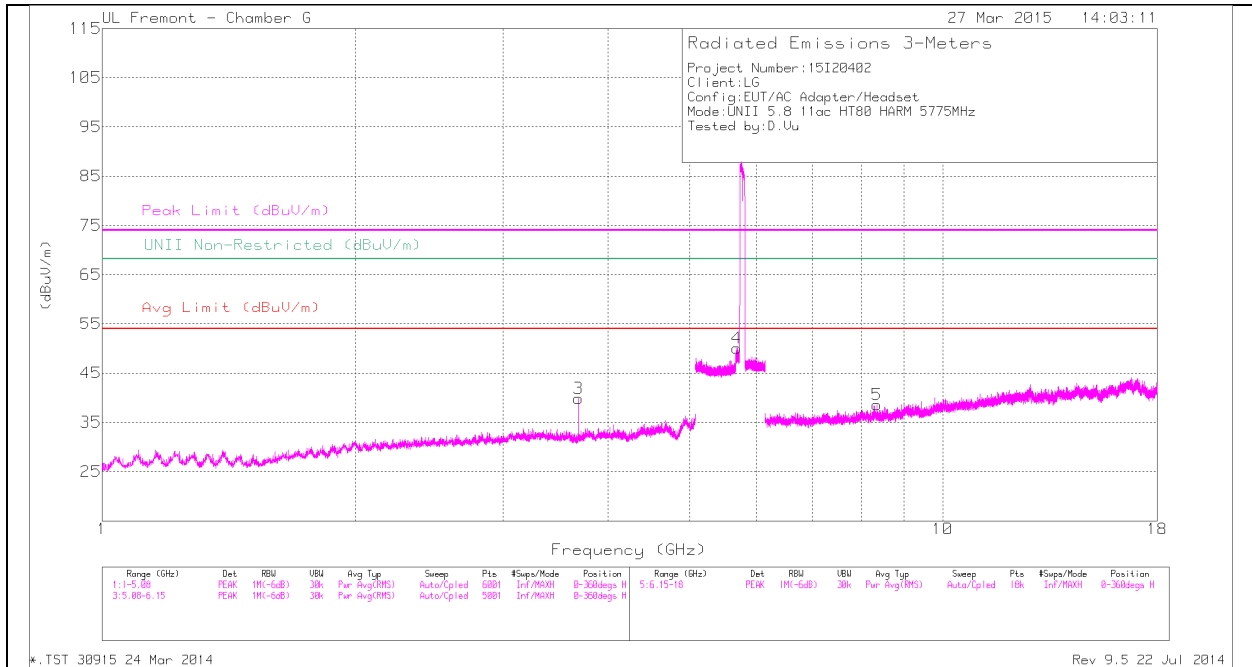
**VERTICAL DATA**

Marker	Frequency (GHz)	Meter Reading (dBm)	Det	AF T119 (dB/m)	Amp/Cbl/F Itr/Pad (dB)	Conversion Factor (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.85	-67.98	PK	34.9	-21.3	11.8	-42.58	-17	-25.58	130	341	V
2	5.98	-64.5	PK	35.2	-20.9	11.8	-38.4	-27	-11.4	130	341	V

PK - Peak detector

**HARMONICS AND SPURIOUS EMISSIONS**

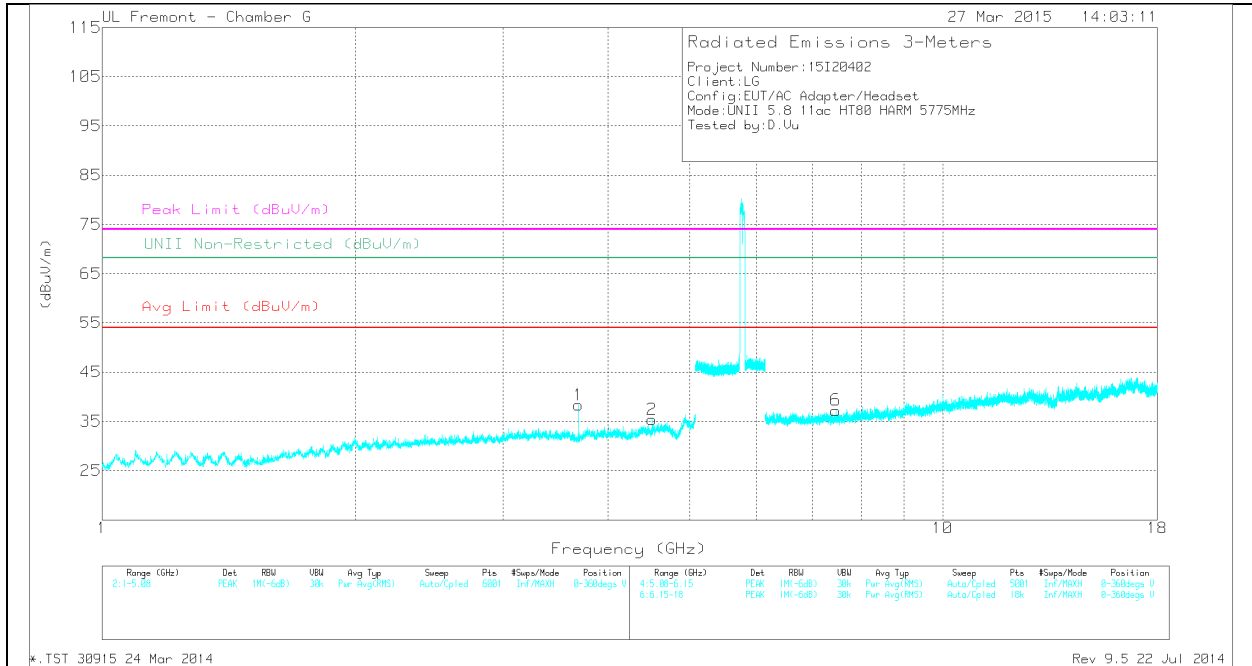
**LOW CHANNEL HORIZONTAL**



Note: Emission was scanned up to 40GHz; No emissions were detected above the noise floor which was at least 20dB below the specification limit.



**LOW CHANNEL VERTICAL**



Note: Emission was scanned up to 40GHz; No emissions were detected above the noise floor which was at least 20dB below the specification limit.

**LOW CHANNEL DATA**

*TRACE MARKERS*

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T862 (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
3	* 3.687	40.46	PK	32.9	-33.5	0	39.86	-	-	74	-34.14	-	-	0-360	201	H
1	* 3.687	38.89	PK	32.9	-33.5	0	38.29	-	-	74	-35.71	-	-	0-360	201	V
2	* 4.513	34.89	PK	33.7	-33.2	0	35.39	-	-	74	-38.61	-	-	0-360	201	V
5	* 8.355	32.14	PK	35.8	-29.4	0	38.54	-	-	74	-35.46	-	-	0-360	201	H
6	* 7.462	32.83	PK	35.6	-31.2	0	37.23	-	-	74	-36.77	-	-	0-360	100	V
4	5.692	38.78	PK	34.8	-23.5	0	50.08	-	-	-	-	68.2	-18.12	0-360	202	H

\* - indicates frequency in CFR 47, Part 15 and Industry Canada RSS-Restricted Band.

PK - Peak detector

**Radiated Emissions**

Frequency (GHz)	Meter Reading (dBuV)	Det	AF T862 (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
* 3.687	44.41	PK1	32.9	-33.5	0	43.81	-	-	74	-30.19	-	-	0	202	H
* 3.687	34.1	AD1	32.9	-33.5	.37	33.87	54	-20.13	-	-	-	-	0	202	H
* 4.514	41.51	PK1	33.7	-33.2	0	42.01	-	-	74	-31.99	-	-	0	202	V
* 4.511	30.17	AD1	33.7	-33.2	.37	31.04	54	-22.96	-	-	-	-	0	202	V

\* - indicates frequency in CFR 47, Part 15 and Industry Canada RSS-Restricted Band.

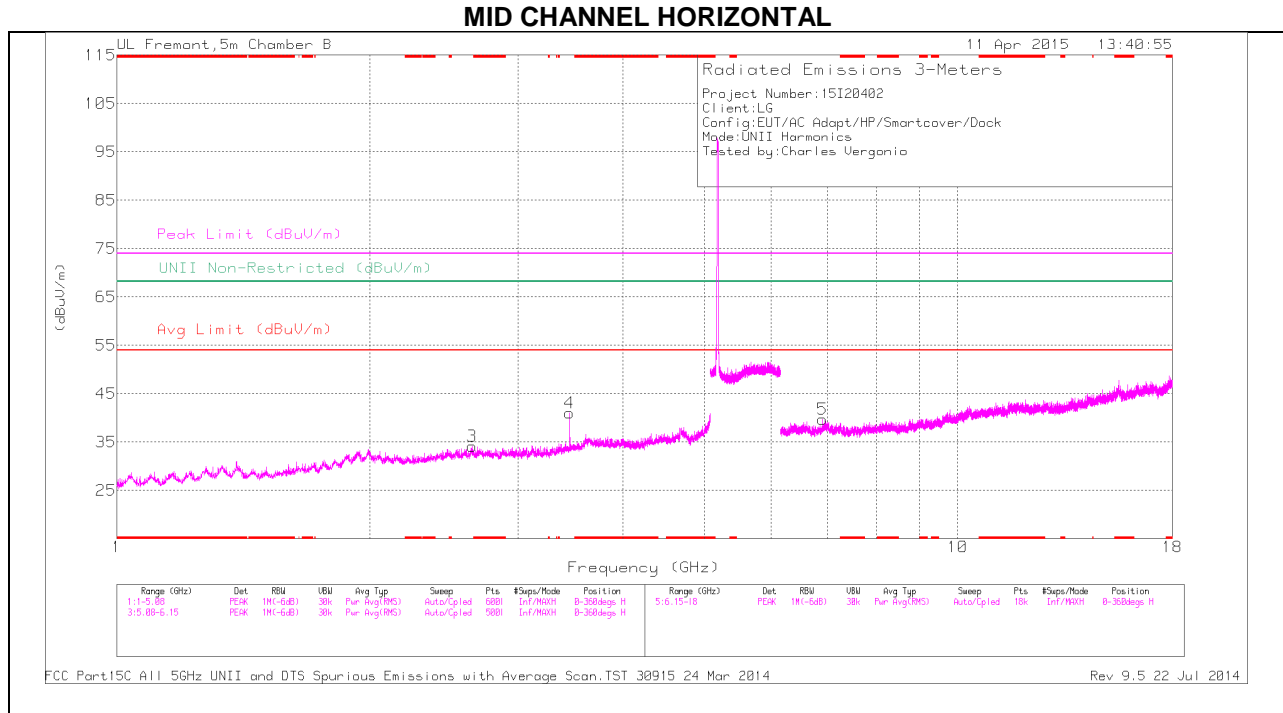
PK1 - KDB789033 Method: Peak

AD1 - KDB789033 Method: AD Primary Power Average

## 11.5. ADDITIONAL TESTS (Phone with Smart Case and Dock)

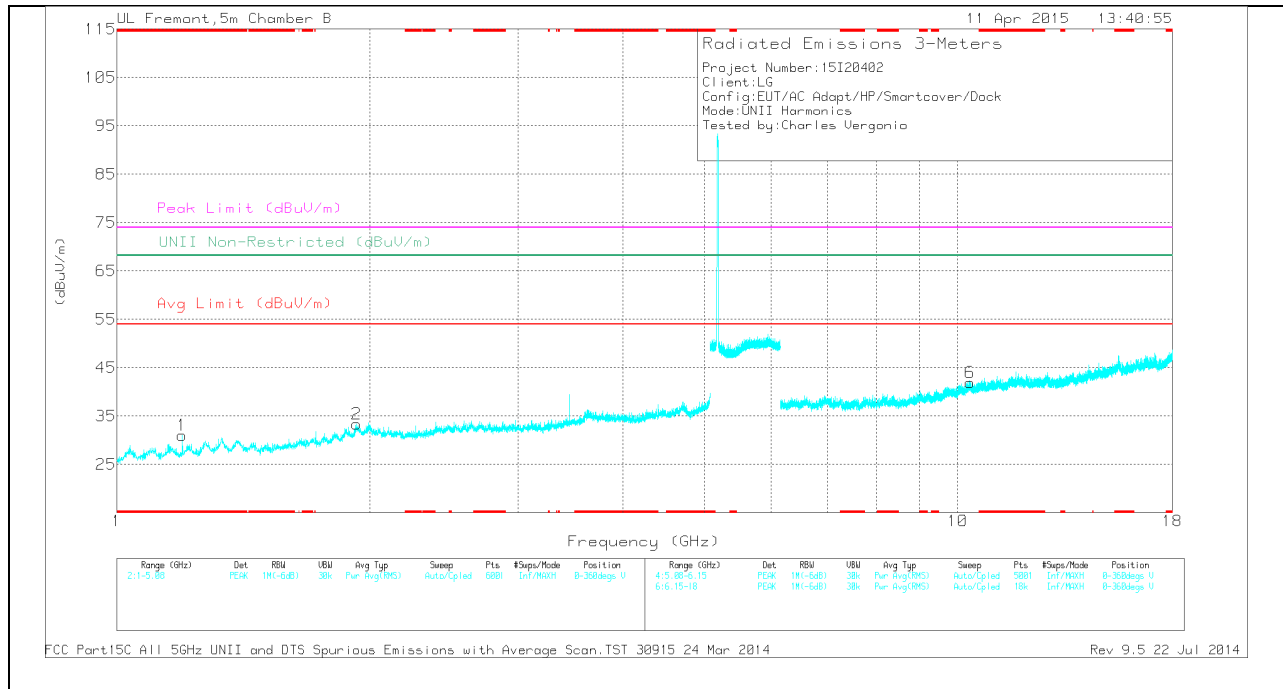
### 11.5.1. TX ABOVE 1 GHz 802.11a MODE IN THE 5.2 GHz BAND

#### HARMONICS AND SPURIOUS EMISSIONS



Note: Emission was scanned up to 26GHz; No emissions were detected above the noise floor which was at least 20dB below the specification limit.

**MID CHANNEL VERTICAL**



Note: Emission was scanned up to 26GHz; No emissions were detected above the noise floor which was at least 20dB below the specification limit.

**MID CHANNEL DATA**

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T345 (dB/m)	Amp/Cbl/Ftr /Pad (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	* 1.197	36.72	PK	28.5	-34.2	31.02	-	-	74	-42.98	-	-	0-360	101	V
2	1.928	33.72	PK	32	-32.4	33.32	-	-	-	-	68.2	-34.88	0-360	101	V
3	2.645	33.39	PK	32.7	-31.9	34.19	-	-	-	-	68.2	-34.01	0-360	100	H
4	3.453	38.72	PK	33.3	-31	41.02	-	-	-	-	68.2	-27.18	0-360	199	H
5	6.906	31.57	PK	36.1	-28	39.67	-	-	-	-	68.2	-28.53	0-360	199	H
6	10.337	27.2	PK	37.4	-22.7	41.9	-	-	-	-	68.2	-26.3	0-360	199	V

\* - indicates frequency in CFR 47, Part 15 and Industry Canada RSS-Restricted Band.

PK - Peak detector

**Radiated Emissions**

Frequency (GHz)	Meter Reading (dBuV)	Det	AF T345 (dB/m)	Amp/Cbl/Ftr /tr/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
* 1.197	41.97	PK1	28.5	-34.2	0	36.27	-	-	74	-37.73	-	-	84	242	V
* 1.198	29.69	AD1	28.5	-34.3	.21	24.1	54	-29.90	-	-	-	-	84	242	V
3.453	44.93	PK1	33.3	-31	0	47.23	-	-	-	-	68.2	-20.97	236	299	H
3.453	39.55	AD1	33.3	-31	.21	42.06	-	-	-	-	-	-	236	299	H

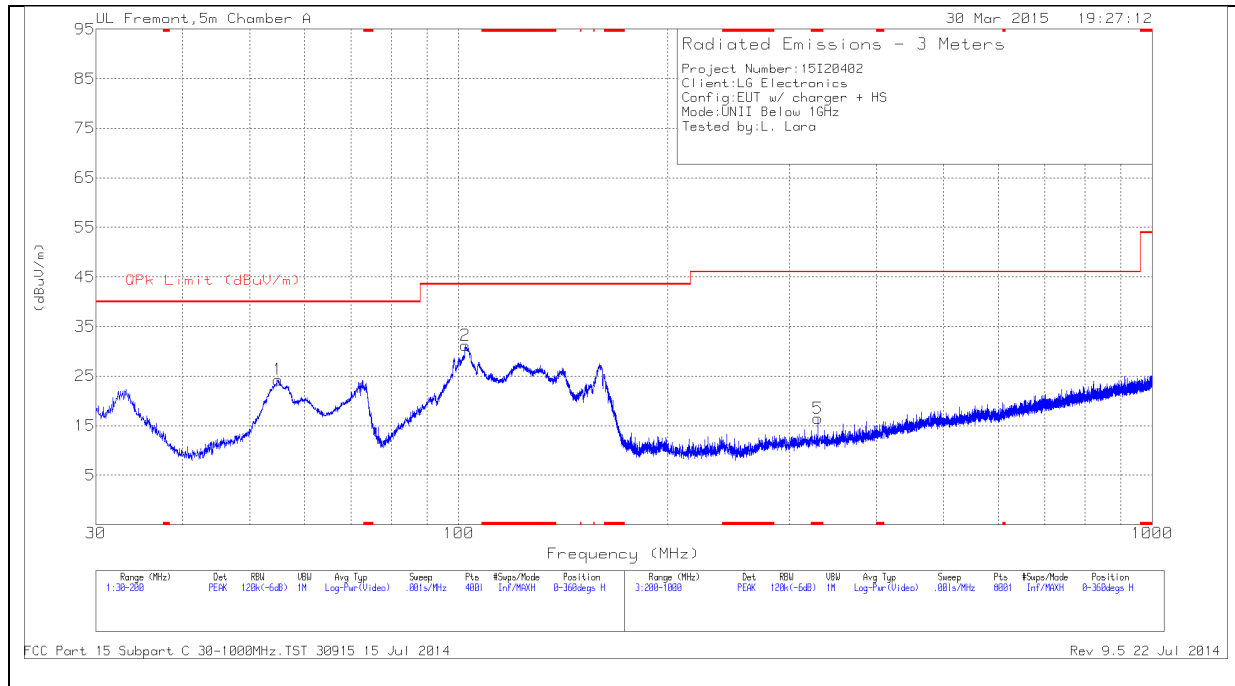
\* - indicates frequency in CFR 47, Part 15 and Industry Canada RSS-Restricted Band.

PK1 - KDB789033 Method: Peak

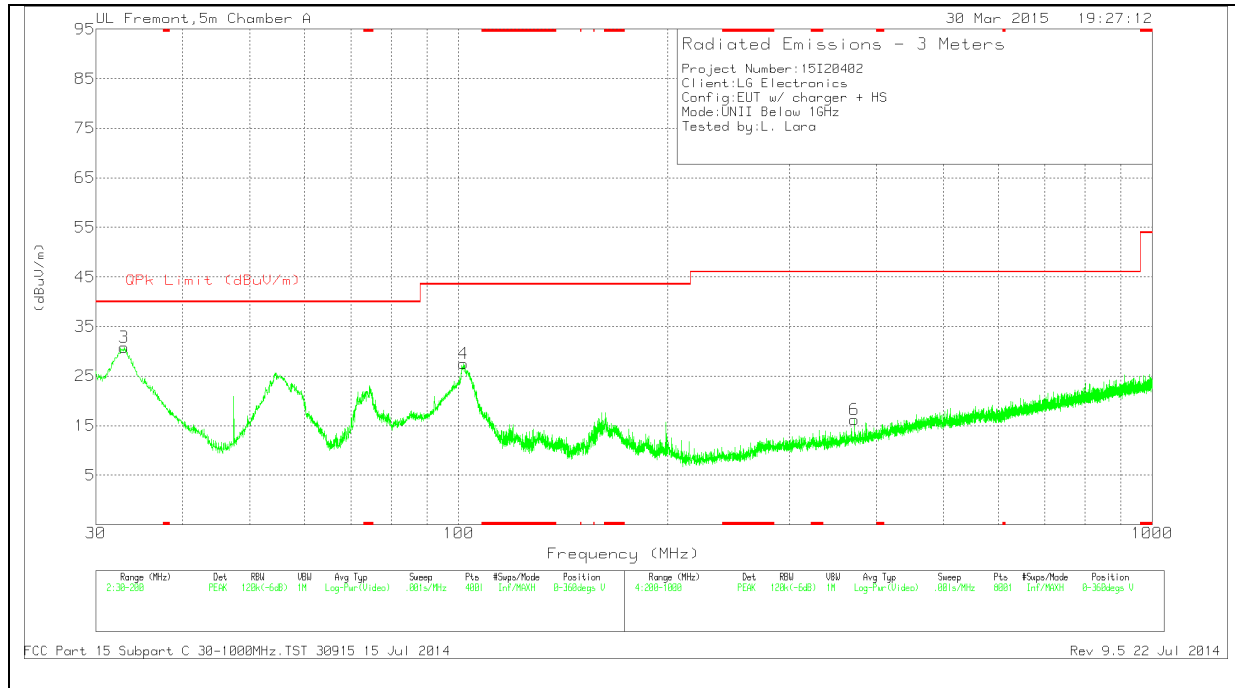
AD1 - KDB789033 Method: AD Primary Power Average

## 12. WORST-CASE BELOW 1 GHz (in the 5.3 GHz Band)

### SPURIOUS EMISSIONS 30 TO 1000 MHz (WORST-CASE CONFIGURATION, HORIZONTAL)



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

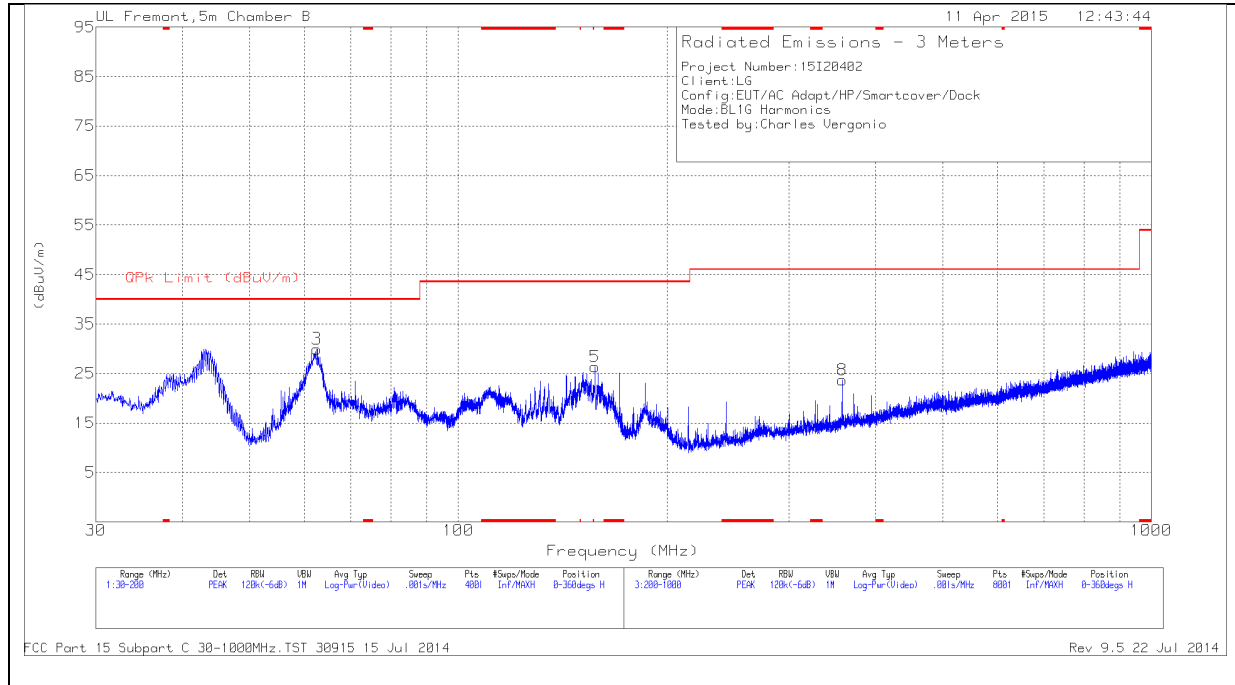


**Below 1G Data**

Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	AF T130 (dB/m)	Amp/Cbl (dB/m)	Corrected Reading (dBuV/m)	QPk Limit (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
5	* 329.3	31.86	PK	13.9	-29.3	16.46	46.02	-29.56	0-360	200	H
3	32.9325	42.86	PK	19.1	-31.2	30.76	40	-9.24	0-360	101	V
1	54.905	48.27	PK	7	-31	24.27	40	-15.73	0-360	300	H
4	101.6125	47.88	PK	10.1	-30.5	27.48	43.52	-16.04	0-360	101	V
2	102.2075	51.43	PK	10.3	-30.5	31.23	43.52	-12.29	0-360	200	H
6	372.2	30.52	PK	14.8	-29.1	16.22	46.02	-29.8	0-360	300	V

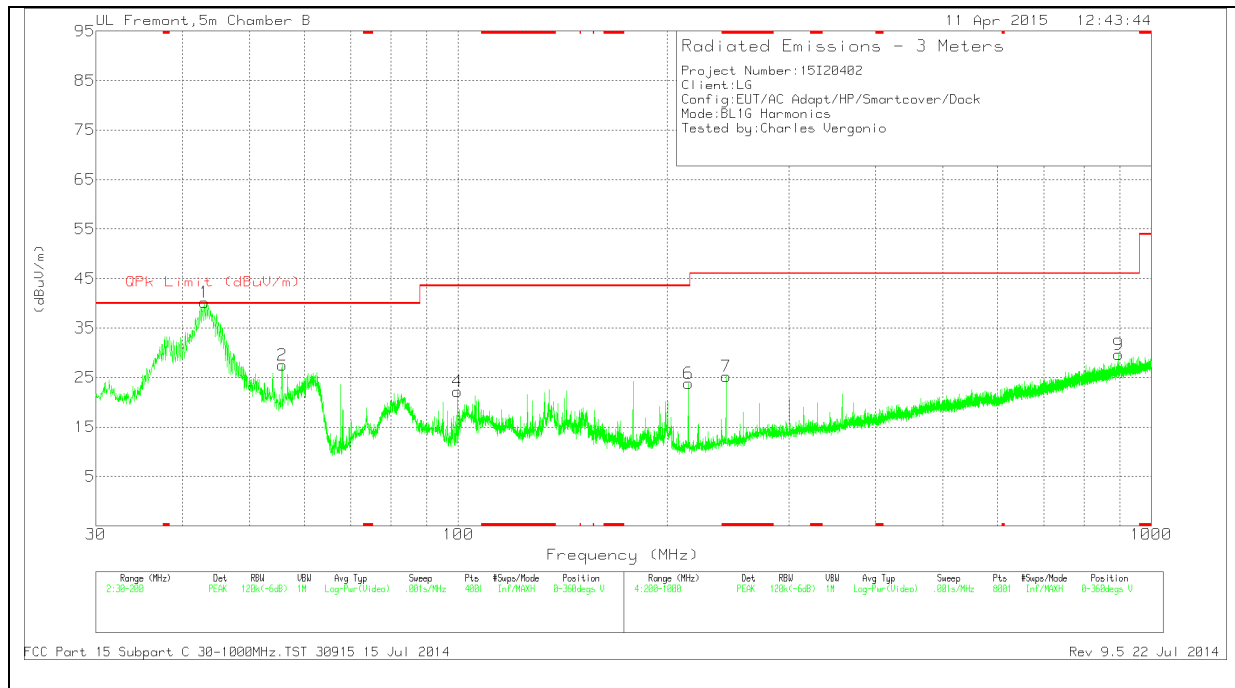
PK - Peak detector

**SPURIOUS EMISSIONS 30 TO 1000 MHz (WORST-CASE CONFIGURATION, HORIZONTAL) Phone with Smart cover and Dock**





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



**Below 1G Data**

Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	AF T243 (dB/m)	Amp/Cbl (dB)	Corrected Reading (dBuV/m)	QPk Limit (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
7	* 243.4	40.16	PK	11.6	-26.5	25.26	46.02	-20.76	0-360	300	V
1	43.005	57.04	PK	11.9	-28.7	40.24	40	.24	0-360	101	V
2	55.7125	48.82	PK	7.3	-28.6	27.52	40	-12.48	0-360	101	V
3	62.555	50.78	PK	7.7	-28.5	29.98	40	-10.02	0-360	400	H
4	99.7425	40.05	PK	10.2	-28.1	22.15	43.52	-21.37	0-360	101	V
5	157.5	41.47	PK	12.3	-27.4	26.37	43.52	-17.15	0-360	100	H
6	214.8	40	PK	10.6	-26.8	23.8	43.52	-19.72	0-360	200	V
8	358	34.78	PK	14.8	-25.9	23.68	46.02	-22.34	0-360	300	H
9	896.8	30.12	PK	22.5	-22.9	29.72	46.02	-16.3	0-360	101	V

\* - indicates frequency in CFR 47, Part 15 and Industry Canada RSS-Restricted Band.

PK - Peak detector

**Radiated Emissions**

Frequency (MHz)	Meter Reading (dBuV)	Det	AF T243 (dB/m)	Amp/Cbl (dB)	Corrected Reading (dBuV/m)	QPk Limit (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
43.1205	52.21	QP	11.8	-28.7	35.31	40	-4.69	330	102	V

\* - indicates frequency in CFR 47, Part 15 and Industry Canada RSS-Restricted Band.

QP - Quasi-Peak detector

PK - Peak detector

### 13. AC POWER LINE CONDUCTED EMISSIONS

#### LIMITS

FCC §15.207 (a)

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.

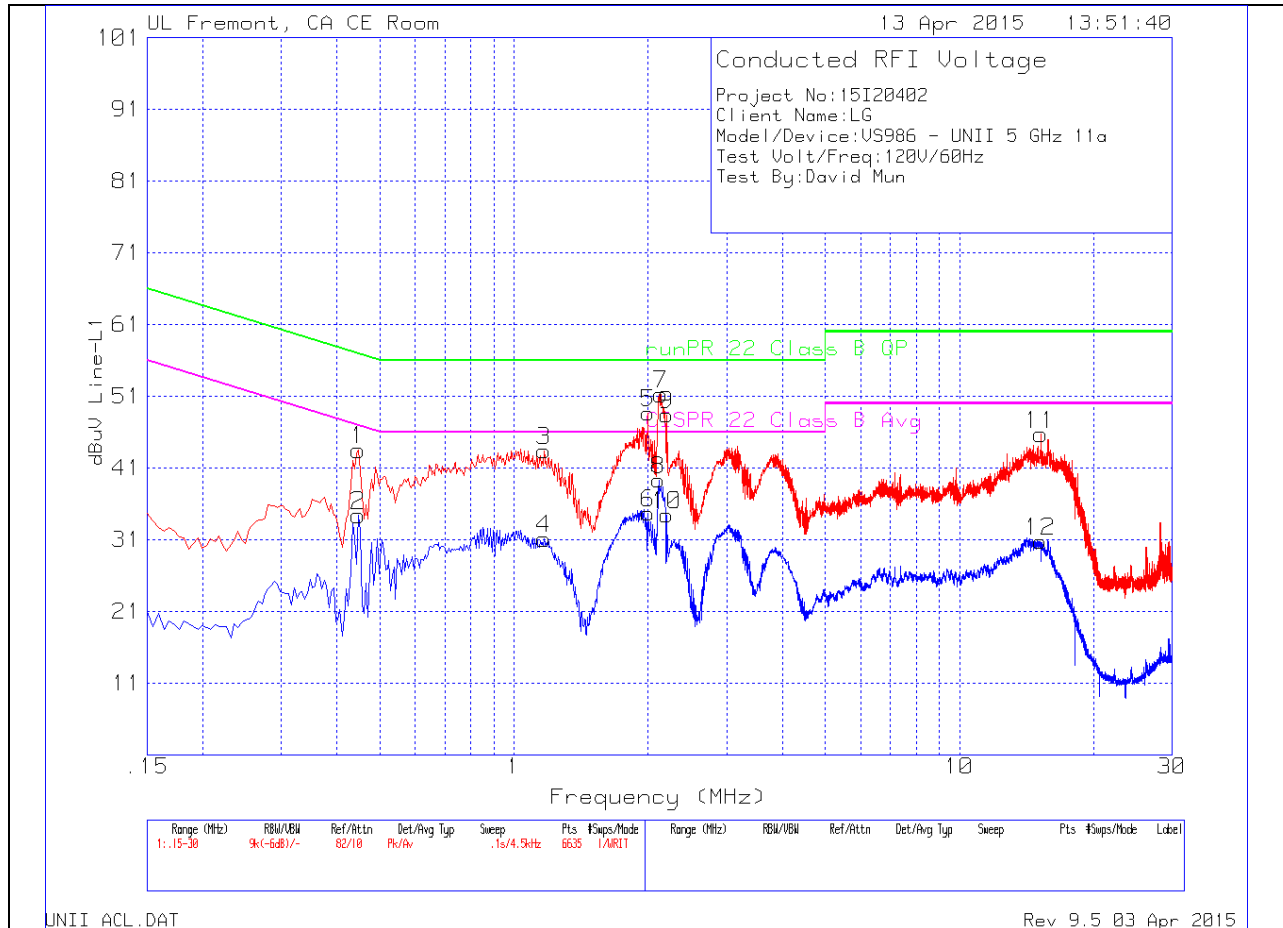
The receiver is set to a resolution bandwidth of 9 kHz. Peak detection is used unless otherwise noted as quasi-peak or average.

Line conducted data is recorded for both NEUTRAL and HOT lines.

#### RESULTS

**6 WORST EMISSIONS**

**LINE 1 PLOT**



**LINE 1 RESULTS**

Trace Markers

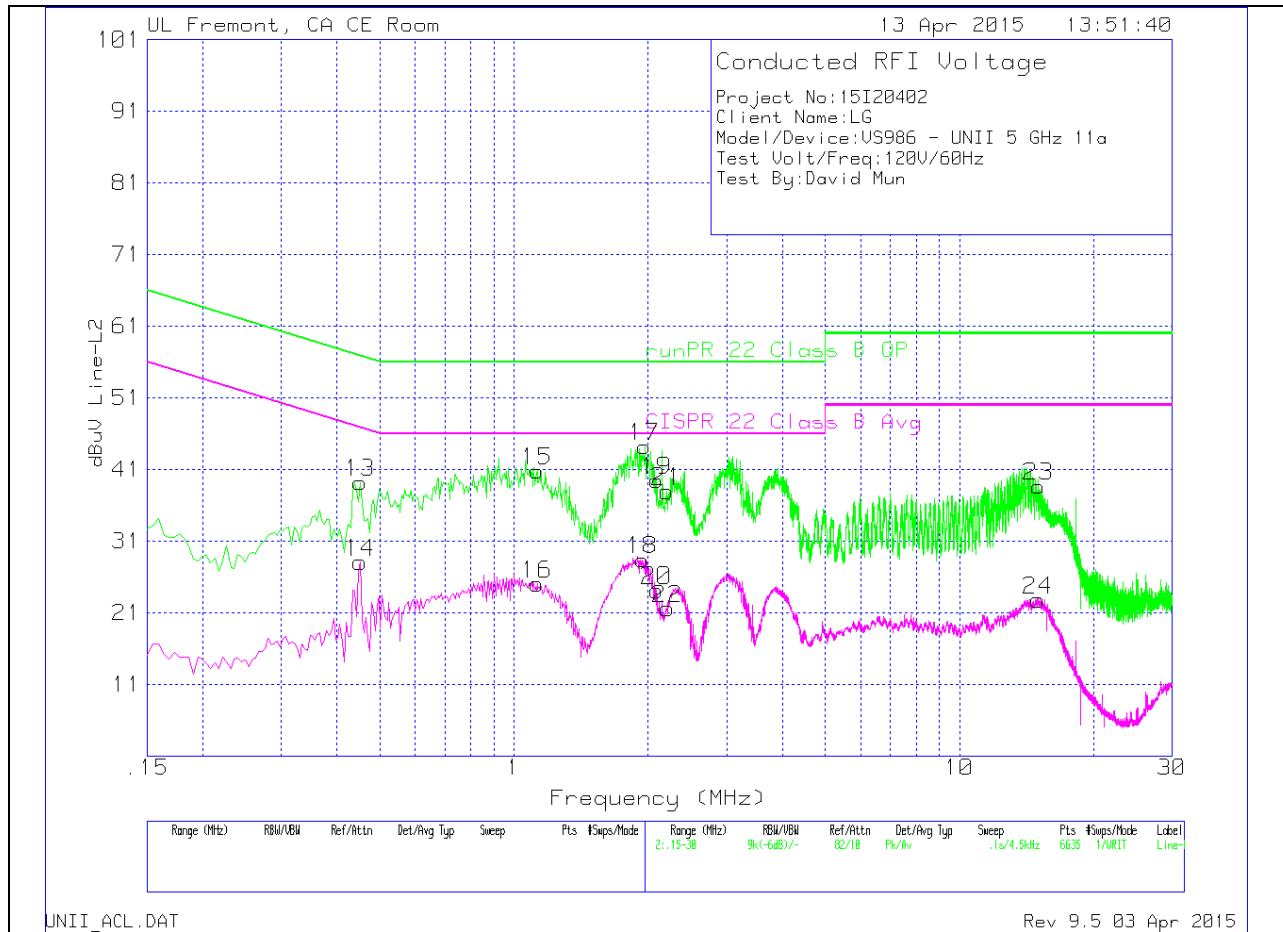
Range 1: Line-L1 .15 - 30MHz

Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	T24 IL L1	LC Cables 1&3	Corrected Reading dBuV	runPR 22 Class B QP	Margin (dB)	CISPR 22 Class B Avg	Margin (dB)
1	.447	43.11	Pk	.4	0	43.51	56.93	-13.42		
2	.447	34.02	Av	.4	0	34.42	-	-	46.93	-12.51
3	1.167	43.13	Pk	.2	.1	43.43	56	-12.57		
4	1.167	30.83	Av	.2	.1	31.13	-	-	46	-14.87
5	1.9995	48.4	Pk	.2	.1	48.7	56	-7.3		
6	1.9995	34.41	Av	.2	.1	34.71	-	-	46	-11.29
7	2.1345	50.98	Pk	.2	.1	51.28	56	-4.72		
8	2.112	39.06	Av	.2	.1	39.36	-	-	46	-6.64
9	2.202	48.14	Pk	.2	.1	48.44	56	-7.56		
10	2.202	34.16	Av	.2	.1	34.46	-	-	46	-11.54
11	15.2205	45.22	Pk	.3	.2	45.72	60	-14.28		
12	15.189	30.31	Av	.3	.2	30.81	-	-	50	-19.19

Pk - Peak detector

Av - Average detection

**LINE 2 PLOT**



**LINE 2 RESULTS**

Range 2: Line-L2 .15 - 30MHz

Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	T24 IL L2	LC Cables 2&3	Corrected Reading dBuV	runPR 22 Class B QP	Margin (dB)	CISPR 22 Class B Avg	Margin (dB)
13	.4515	38.82	Pk	.4	0	39.22	56.85	-17.63		
14	.4515	27.68	Av	.4	0	28.08	-	-	46.85	-18.77
15	1.1265	40.42	Pk	.3	.1	40.82	56	-15.18		
16	1.1265	24.64	Av	.3	.1	25.04	-	-	46	-20.96
17	1.9635	43.9	Pk	.2	.1	44.2	56	-11.8		
18	1.941	28.11	Av	.2	.1	28.41	-	-	46	-17.59
19	2.0895	39.21	Pk	.2	.1	39.51	56	-16.49		
20	2.0895	23.85	Av	.2	.1	24.15	-	-	46	-21.85
21	2.202	37.67	Pk	.2	.1	37.97	56	-18.03		
22	2.211	21.32	Av	.2	.1	21.62	-	-	46	-24.38
23	15.036	38.17	Pk	.3	.2	38.67	60	-21.33		
24	15.009	22.31	Av	.3	.2	22.81	-	-	50	-27.19

Pk - Peak detector

Av - Average detection