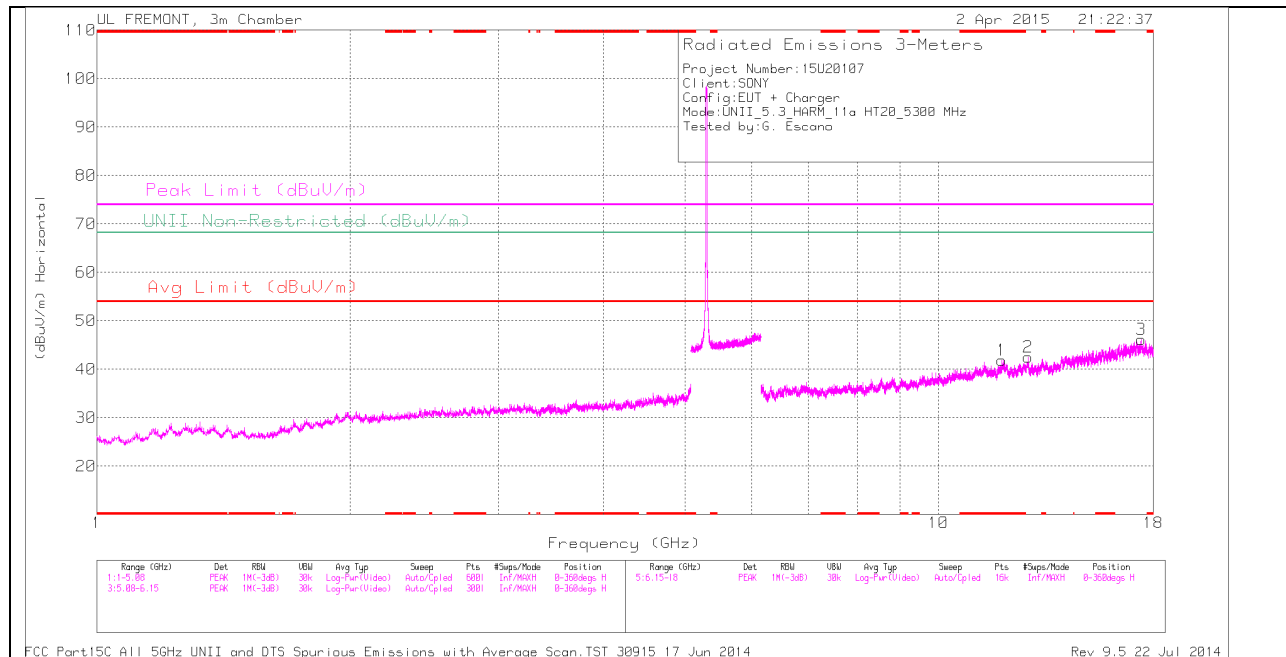
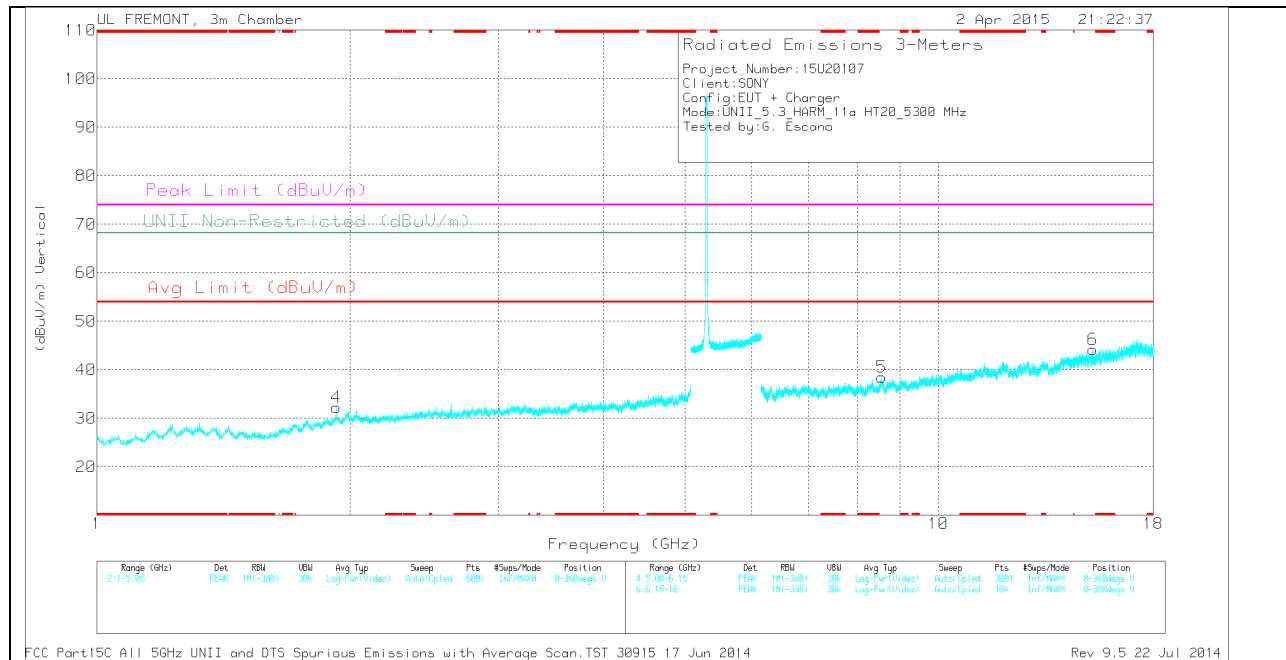


MID CHANNEL HORIZONTAL



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 T119 (dB/m)	Amp/Cbl/Filtr/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 11.891	29.01	PK	39.1	-26.3	0	41.81	-	-	74	-32.19	-	-	0-360	200	H
4	1.924	33.57	PK	31.2	-32.5	0	32.27	-	-	-	-	68.2	-35.93	0-360	200	V
5	8.557	28.83	PK	35.8	-26.1	0	38.53	-	-	-	-	68.2	-29.67	0-360	200	V
2	12.788	29.28	PK	39.1	-25.9	0	42.48	-	-	-	-	68.2	-25.72	0-360	100	H
6	15.248	30.68	PK	39.9	-26.4	0	44.18	-	-	-	-	68.2	-24.02	0-360	100	V
3	17.422	26.97	PK	41.4	-22.2	0	46.17	-	-	-	-	68.2	-22.03	0-360	100	H

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

PK - Peak detector

Radiated Emissions

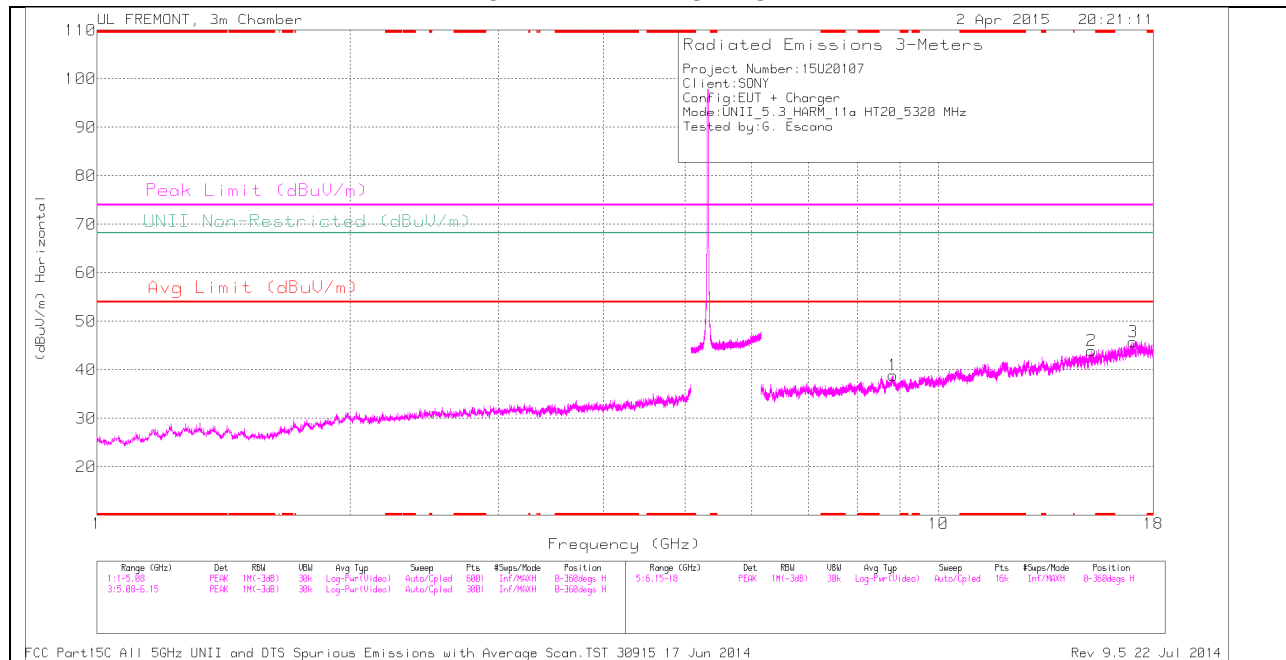
Frequency (GHz)	Meter Reading (dBuV)	Det	AF T119 (dB/m)	Amp/Cbl/Filtr/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
* 11.89	37.38	PK1	39.1	-26.3	0	50.18	-	-	74	-23.82	-	-	119	201	H
* 11.889	25.55	AD1	39.1	-26.3	0	38.35	54	-15.65	-	-	-	-	119	201	H

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

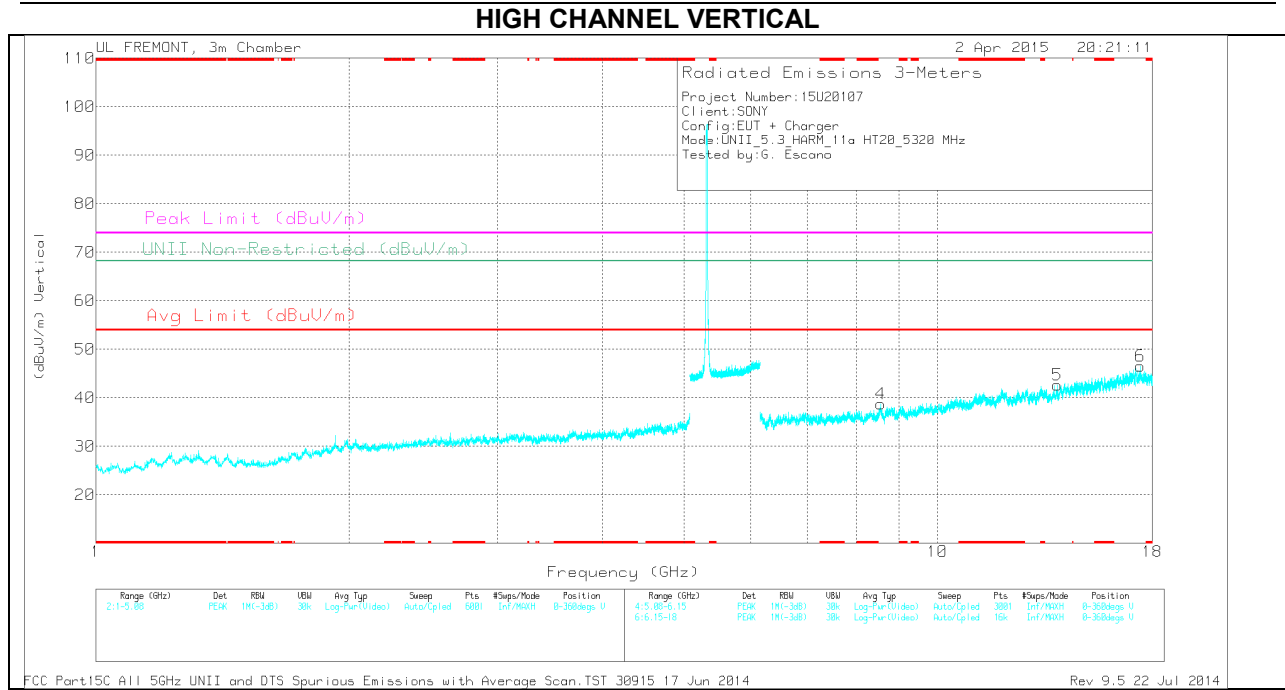
PK1 - KDB789033 Method: Peak

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.



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

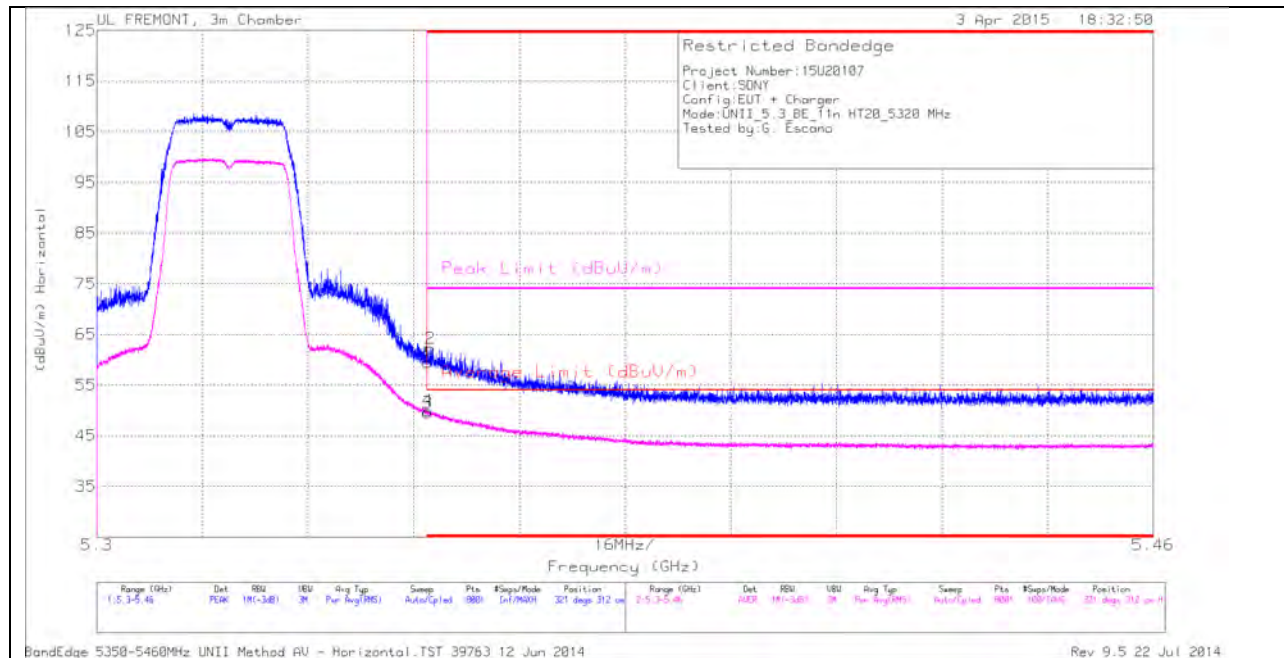
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T119 (dB/m)	Amp/Cbl/ Ftr/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
4	8.563	29.15	PK	35.8	-26.2	0	38.75	-	-	-	-	68.2	-29.45	0-360	100	V
1	8.826	28.77	PK	35.9	-25.8	0	38.87	-	-	-	-	68.2	-29.33	0-360	100	H
5	13.884	31.6	PK	38.7	-27.7	0	42.6	-	-	-	-	68.2	-25.6	0-360	200	V
2	15.215	30.69	PK	39.9	-26.7	0	43.89	-	-	-	-	68.2	-24.31	0-360	100	H
3	17.023	28.7	PK	41.4	-24.3	0	45.8	-	-	-	-	68.2	-22.4	0-360	200	H
6	17.419	27.34	PK	41.4	-22.2	0	46.54	-	-	-	-	68.2	-21.66	0-360	200	V

PK - Peak detector

11.1.2. 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

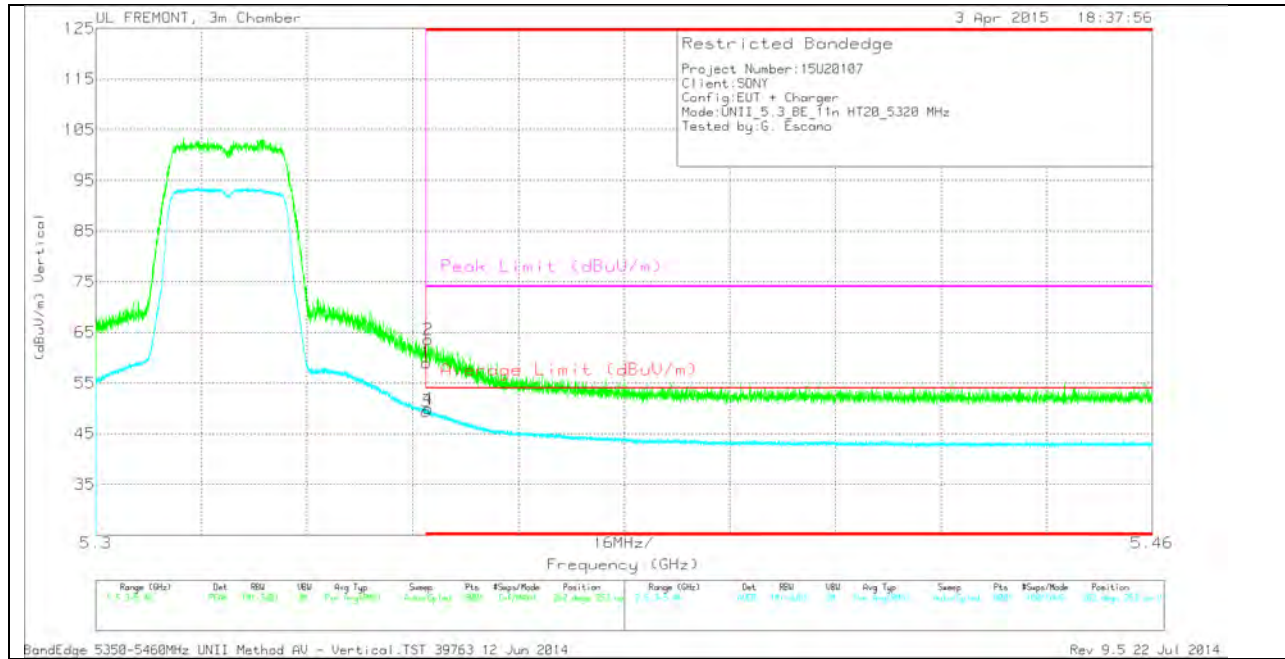
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T119 (dB/m)	Amp/CB/Flt r/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 5.35	46.35	PK	34.5	-21.4	0	59.45	-	-	74	-14.55	321	312	H
3	* 5.35	36.41	RMS	34.5	-21.4	0	49.51	54	-4.49	-	-	321	312	H
4	* 5.35	36.84	RMS	34.5	-21.4	0	49.94	54	-4.06	-	-	321	312	H
2	* 5.351	49.16	PK	34.5	-21.4	0	62.26	-	-	74	-11.74	321	312	H

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

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	45.86	PK	34.5	-21.4	0	58.96	-	-	74	-15.04	262	253	V
2	* 5.35	50.46	PK	34.5	-21.4	0	63.56	-	-	74	-10.44	262	253	V
3	* 5.35	36.38	RMS	34.5	-21.4	0	49.48	54	-4.52	-	-	262	253	V
4	* 5.35	36.82	RMS	34.5	-21.4	0	49.92	54	-4.08	-	-	262	253	V

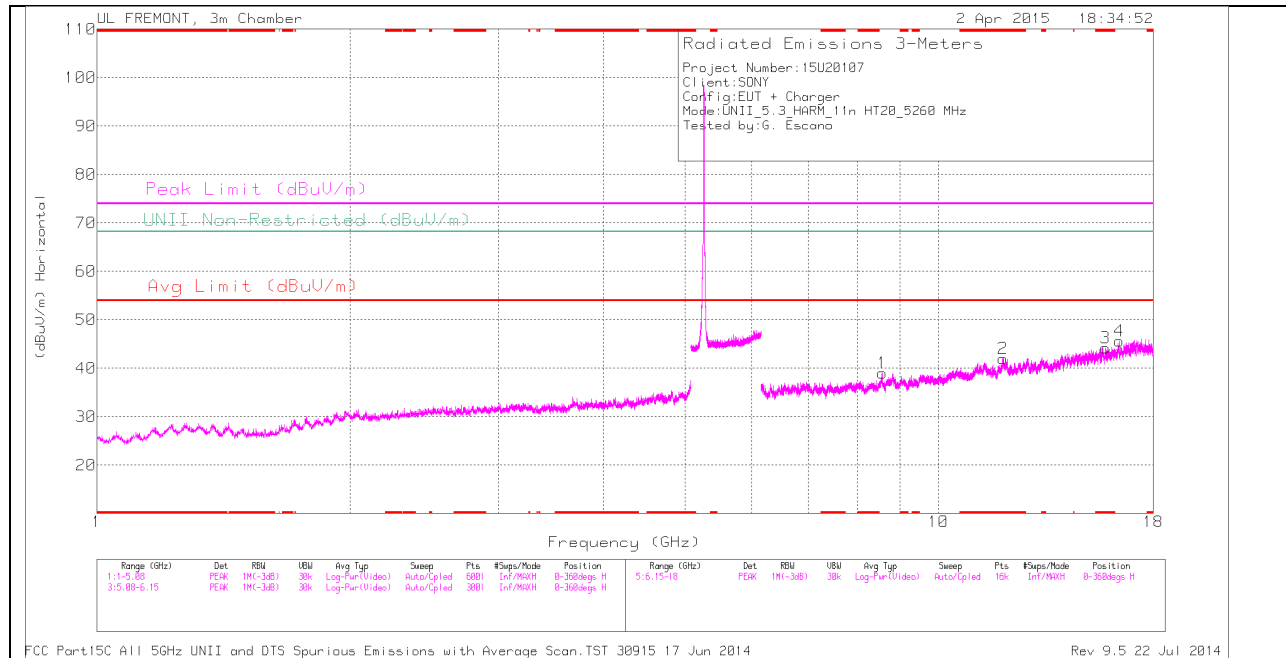
* - indicates frequency in CFR15.205/IC7.2.2 Restricted Band

PK - Peak detector

RMS - RMS detection

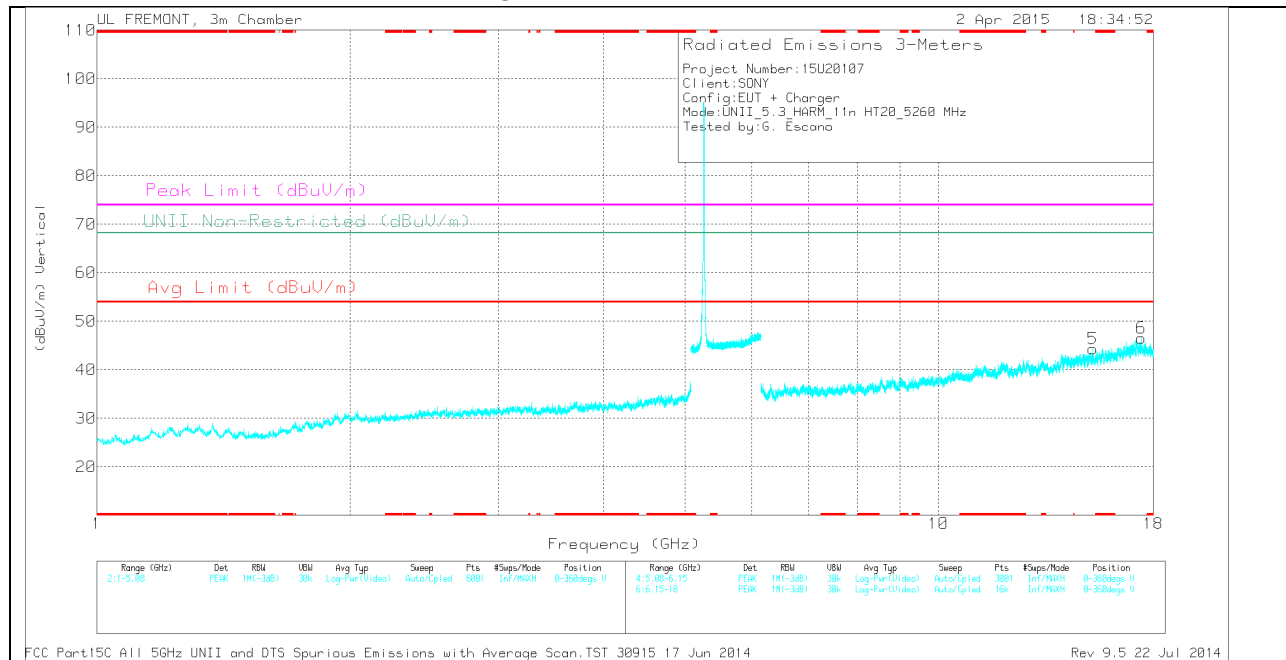
HARMONICS AND SPURIOUS EMISSIONS

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 T119 (dB/m)	Amp/Cbl/Filtr/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
2	* 11.94	29.25	PK	39.1	-26.3	0	42.05	-	-	74	-31.95	-	-	0-360	100	H
3	* 15.803	30.52	PK	40.3	-26.6	0	44.22	-	-	74	-29.78	-	-	0-360	100	H
1	8.57	29.36	PK	35.8	-26.1	0	39.06	-	-	-	-	68.2	-29.14	0-360	200	H
5	15.249	30.81	PK	39.9	-26.4	0	44.31	-	-	-	-	68.2	-23.89	0-360	100	V
4	16.397	29.1	PK	40.7	-24.2	0	45.6	-	-	-	-	68.2	-22.6	0-360	100	H
6	17.422	27.35	PK	41.4	-22.2	0	46.55	-	-	-	-	68.2	-21.65	0-360	100	V

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

PK - Peak detector

Radiated Emissions

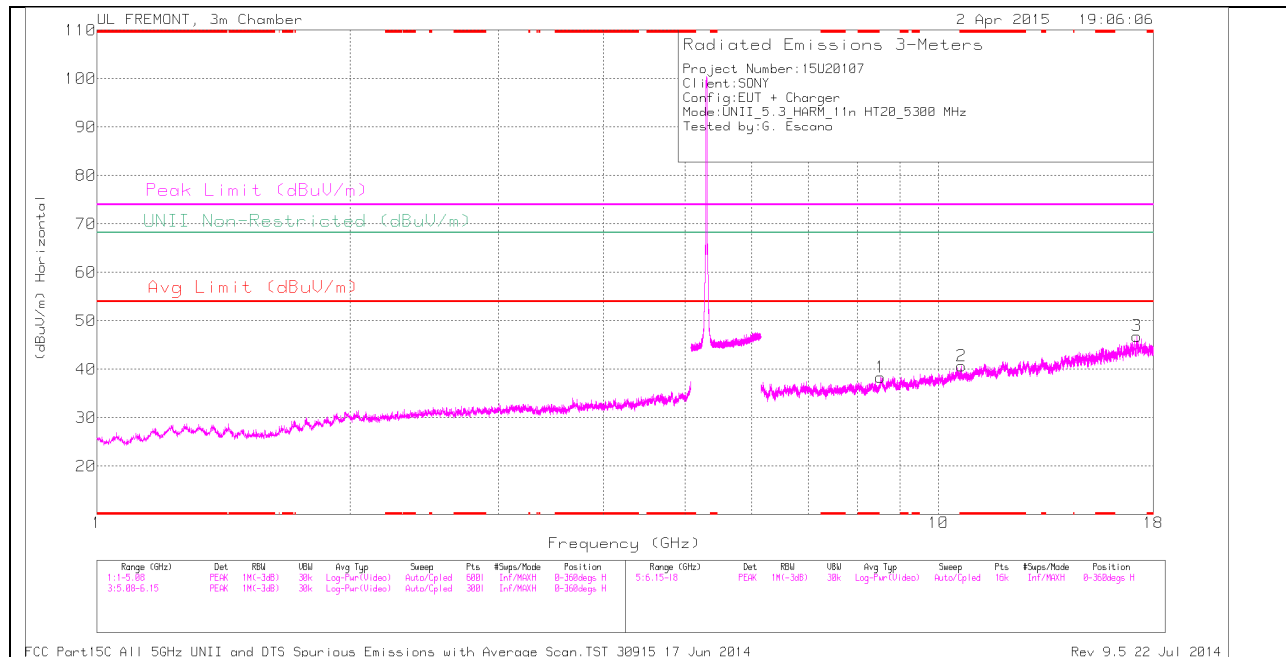
Frequency (GHz)	Meter Reading (dBuV)	Det	AF T119 (dB/m)	Amp/Cbl/Filtr/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
* 11.939	38.34	PK1	39.1	-26.3	0	51.14	-	-	74	-22.86	-	-	217	109	H
* 11.939	26.08	AD1	39.1	-26.3	0	38.88	54	-15.12	-	-	-	-	217	109	H
* 15.782	39.45	PK1	40.3	-26.4	0	53.35	-	-	74	-20.65	-	-	144	386	H
* 15.785	27.47	AD1	40.3	-26.4	0	41.37	54	-12.63	-	-	-	-	144	386	H

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

PK1 - KDB789033 Method: Peak

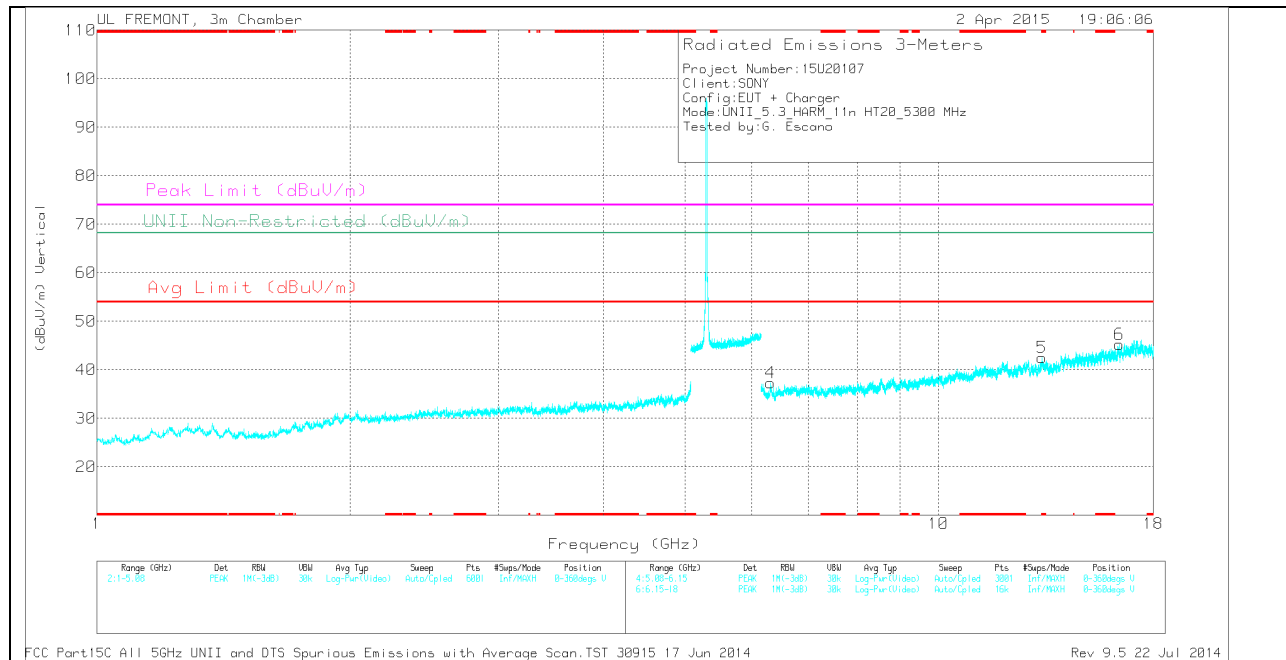
AD1 - KDB789033 Method: AD Primary Power Average

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 T119 (dB/m)	Amp/Cbl/Fil 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
2	* 10.648	28.35	PK	37.7	-25.4	0	40.65	-	-	74	-33.35	-	-	0-360	200	H
5	* 13.269	29.63	PK	39	-26.1	0	42.53	-	-	74	-31.47	-	-	0-360	100	V
4	6.314	31.44	PK	35.4	-29.5	0	37.34	-	-	-	-	68.2	-30.86	0-360	100	V
1	8.536	29.02	PK	35.8	-26.4	0	38.42	-	-	-	-	68.2	-29.78	0-360	200	H
6	16.389	28.71	PK	40.7	-24.2	0	45.21	-	-	-	-	68.2	-22.99	0-360	100	V
3	17.199	28.57	PK	41.3	-23	0	46.87	-	-	-	-	68.2	-21.33	0-360	200	H

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

PK - Peak detector

Radiated Emissions

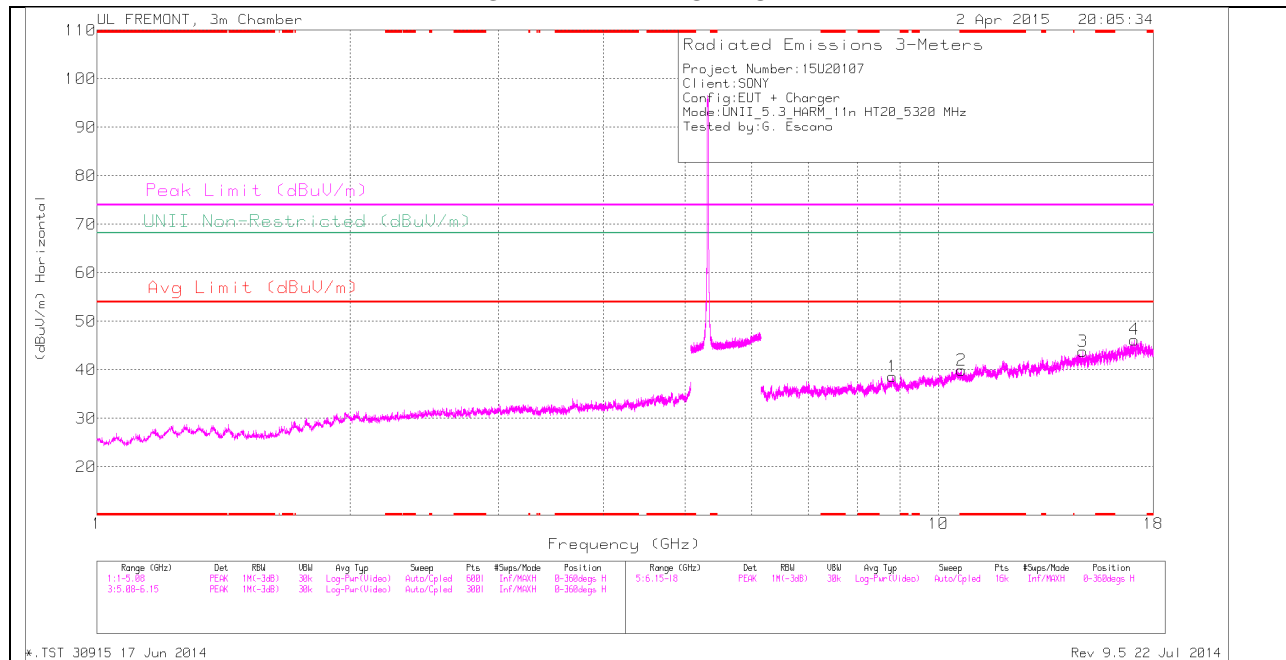
Frequency (GHz)	Meter Reading (dBuV)	Det	AF T119 (dB/m)	Amp/Cbl/Fil tr/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
* 10.65	36.11	PK1	37.7	-25.5	0	48.31	-	-	74	-25.69	-	-	185	137	H
* 10.65	24.3	AD1	37.7	-25.5	0	36.5	54	-17.5	-	-	-	-	185	137	H
* 13.27	38.68	PK1	39	-26.1	0	51.58	-	-	74	-22.42	-	-	161	272	V
* 13.271	26.67	AD1	39	-26.1	0	39.57	54	-14.43	-	-	-	-	161	272	V

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

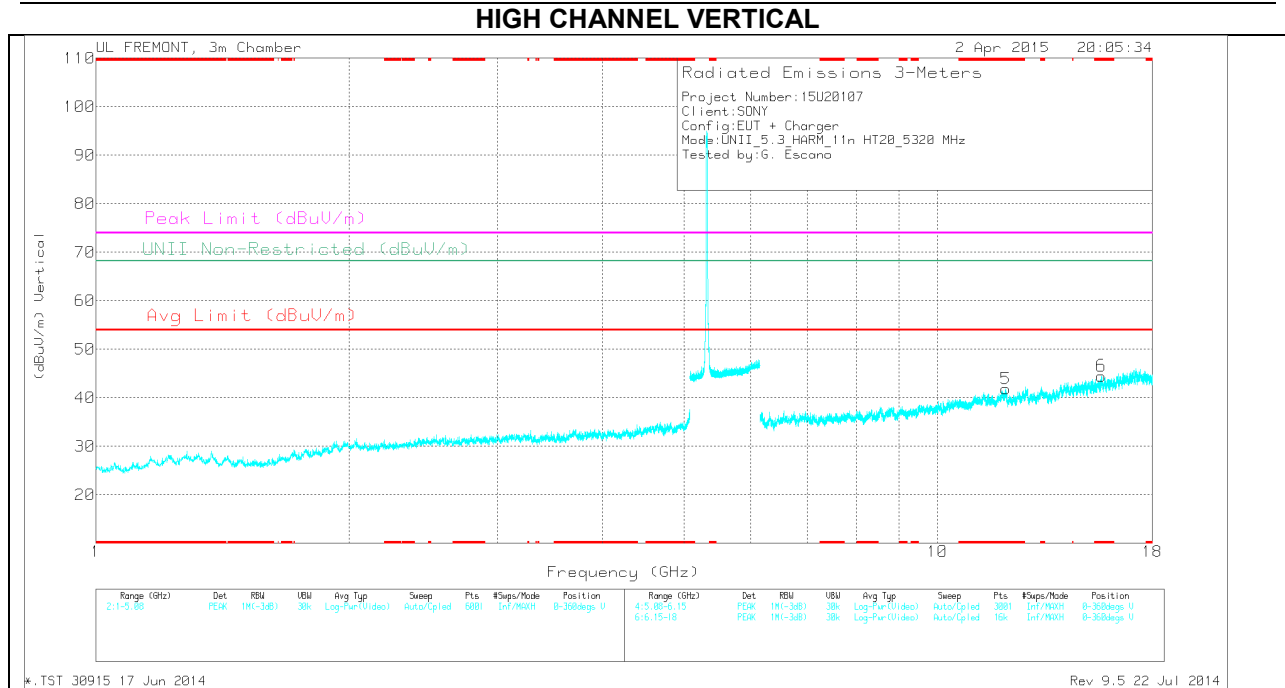
PK1 - KDB789033 Method: Peak

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 T119 (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	* 10.645	27.48	PK	37.7	-25.3	0	39.88	-	-	74	-34.12	-	-	0-360	100	H
5	* 12.046	29.02	PK	39.1	-26.2	0	41.92	-	-	74	-32.08	-	-	0-360	100	V
6	* 15.652	30.83	PK	40.3	-26.6	0	44.53	-	-	74	-29.47	-	-	0-360	200	V
1	8.82	28.46	PK	35.9	-25.7	0	38.66	-	-	-	-	68.2	-29.54	0-360	200	H
3	14.848	31.48	PK	39.8	-27.5	0	43.78	-	-	-	-	68.2	-24.42	0-360	100	H
4	17.087	28.22	PK	41.5	-23.5	0	46.22	-	-	-	-	68.2	-21.98	0-360	200	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 T119 (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
* 10.647	36.19	PK1	37.7	-25.4	0	48.49	-	-	74	-25.51	-	-	63	121	H
* 10.647	24.92	AD1	37.7	-25.4	0	37.22	54	-16.78	-	-	-	-	63	121	H
* 12.048	37.81	PK1	39.1	-26.2	0	50.71	-	-	74	-23.29	-	-	83	139	V
* 12.048	25.89	AD1	39.1	-26.2	0	38.79	54	-15.21	-	-	-	-	83	139	V
* 15.653	39.37	PK1	40.3	-26.6	0	53.07	-	-	74	-20.93	-	-	29	213	V
* 15.654	28.21	AD1	40.3	-26.6	0	41.91	54	-12.09	-	-	-	-	29	213	V

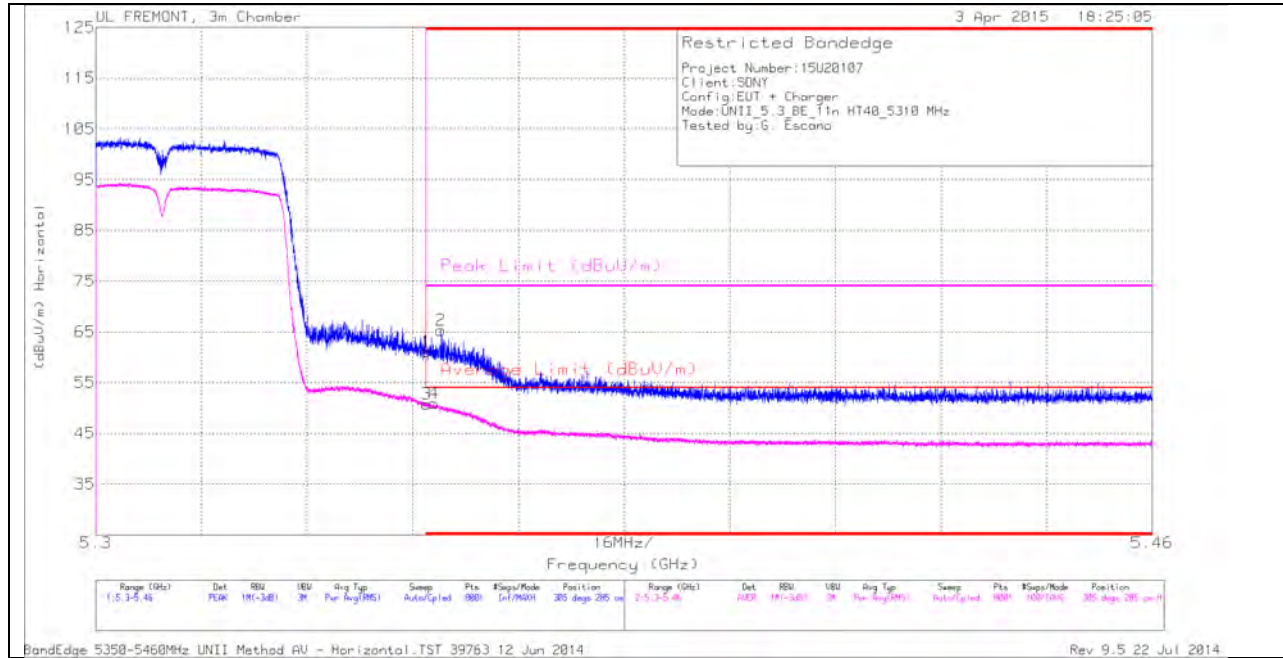
* - indicates frequency in CFR 47, Part 15 and Industry Canada RSS-Restricted Band.

PK1 - KDB789033 Method: Peak

AD1 - KDB789033 Method: AD Primary Power Average

11.1.3. 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

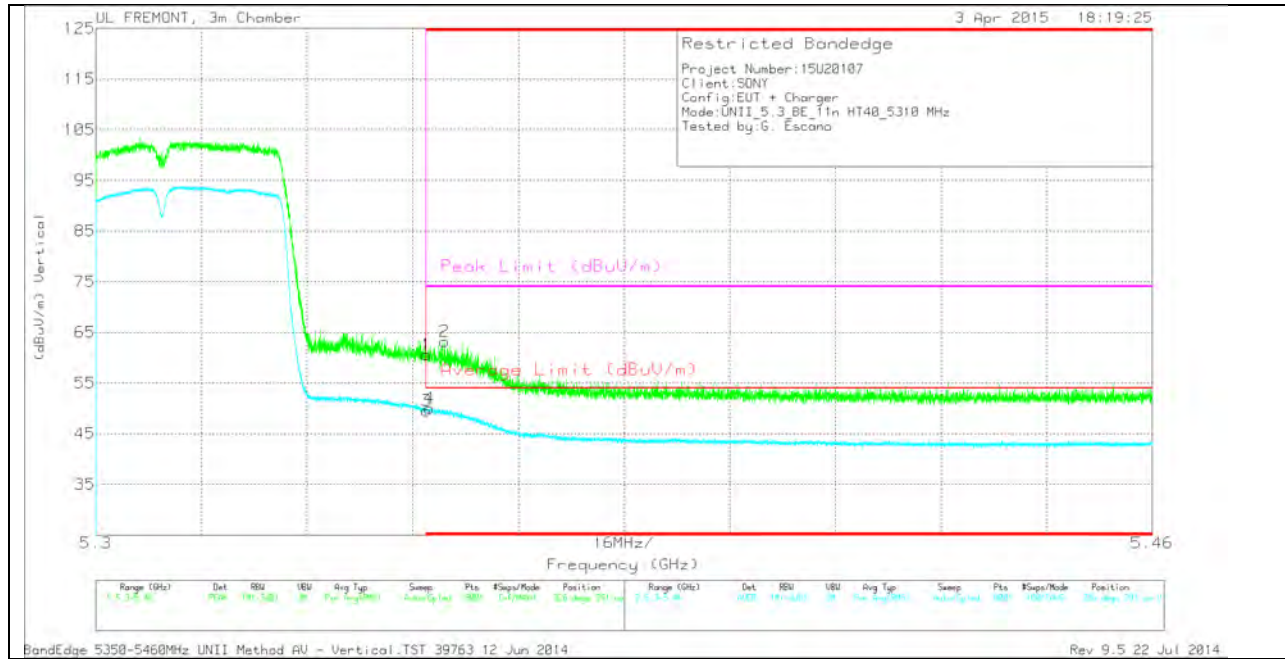
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T119 (dB/m)	Amp/Cbl/Fit r/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 5.35	47.97	PK	34.5	-21.4	0	61.07	-	-	74	-12.93	305	285	H
3	* 5.35	37.66	RMS	34.5	-21.4	.12	50.88	54	-3.12	-	-	305	285	H
4	* 5.351	37.81	RMS	34.5	-21.4	.12	51.03	54	-2.97	-	-	305	285	H
2	* 5.352	52.2	PK	34.5	-21.4	0	65.3	-	-	74	-8.7	305	285	H

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

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/Filt 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	47.51	PK	34.5	-21.4	0	60.61	-	-	74	-13.39	326	291	V
2	* 5.353	50.1	PK	34.5	-21.4	0	63.2	-	-	74	-10.8	326	291	V
3	* 5.35	36.41	RMS	34.5	-21.4	.12	49.63	54	-4.37	-	-	326	291	V
4	* 5.351	36.9	RMS	34.5	-21.4	.12	50.12	54	-3.88	-	-	326	291	V

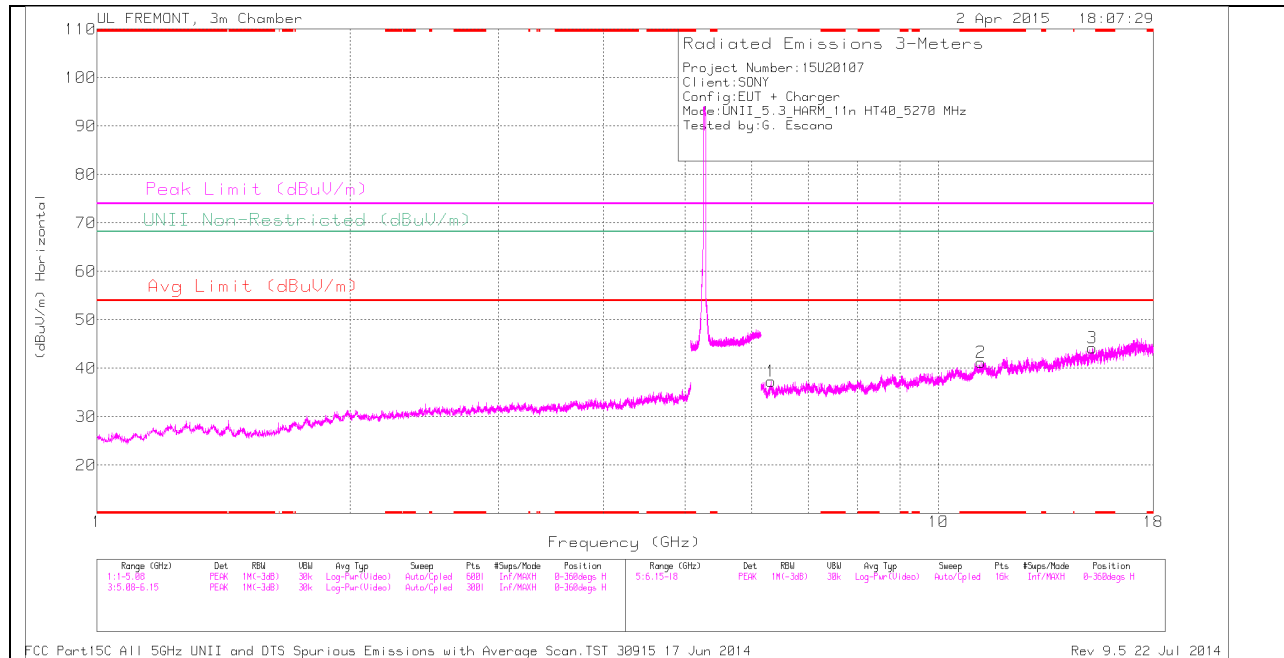
* - indicates frequency in CFR15.205/IC7.2.2 Restricted Band

PK - Peak detector

RMS - RMS detection

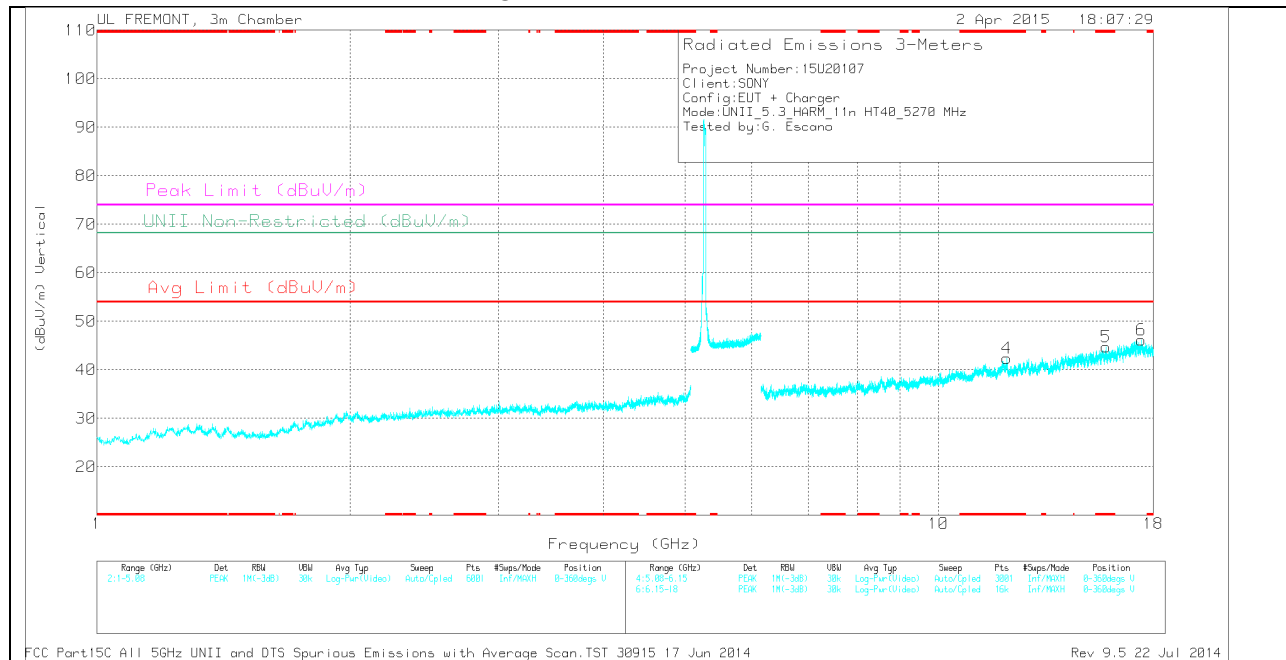
HARMONICS AND SPURIOUS EMISSIONS

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 T119 (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	* 11.238	29.08	PK	38	-25.9	0	41.18	-	-	74	-32.82	-	-	0-360	100	H
4	* 12.045	29.46	PK	39.1	-26.2	0	42.36	-	-	74	-31.64	-	-	0-360	200	V
5	* 15.807	30.94	PK	40.3	-26.5	0	44.74	-	-	74	-29.26	-	-	0-360	200	V
1	6.325	31.26	PK	35.4	-29.3	0	37.36	-	-	-	-	68.2	-30.84	0-360	200	H
3	15.241	31.06	PK	39.9	-26.8	0	44.16	-	-	-	-	68.2	-24.04	0-360	100	H
6	17.417	27.06	PK	41.4	-22.3	0	46.16	-	-	-	-	68.2	-22.04	0-360	100	V

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

PK - Peak detector

Radiated Emissions

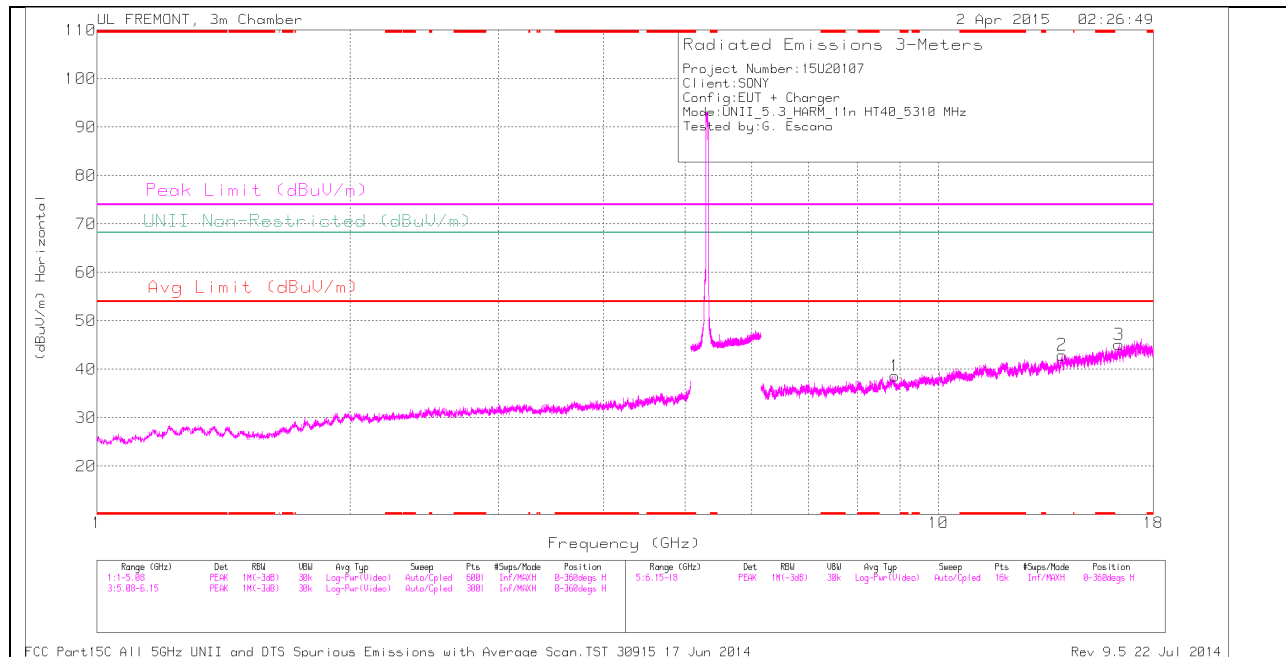
Frequency (GHz)	Meter Reading (dBuV)	Det	AF T119 (dB/m)	Amp/Cbl/Ftr/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
* 11.237	36.82	PK1	38	-25.8	0	49.02	-	-	74	-24.98	-	-	87	104	H
* 11.24	25.06	AD1	38	-25.9	.12	37.28	54	-16.72	-	-	-	-	87	104	H
* 12.045	37.44	PK1	39.1	-26.2	0	50.34	-	-	74	-23.66	-	-	344	362	V
* 12.047	25.37	AD1	39.1	-26.2	.12	38.39	54	-15.61	-	-	-	-	344	362	V
* 15.805	41.01	PK1	40.3	-26.5	0	54.81	-	-	74	-19.19	-	-	250	108	V
* 15.805	28.03	AD1	40.3	-26.6	.12	41.85	54	-12.15	-	-	-	-	250	108	V

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

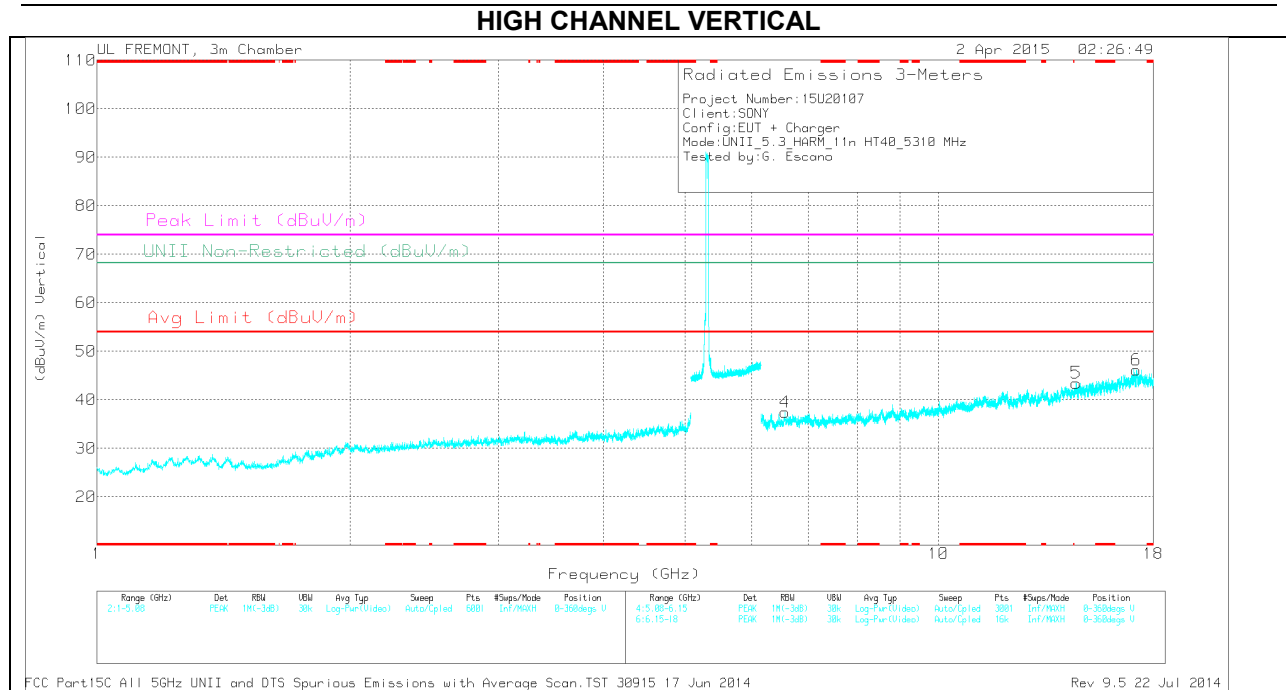
PK1 - KDB789033 Method: Peak

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

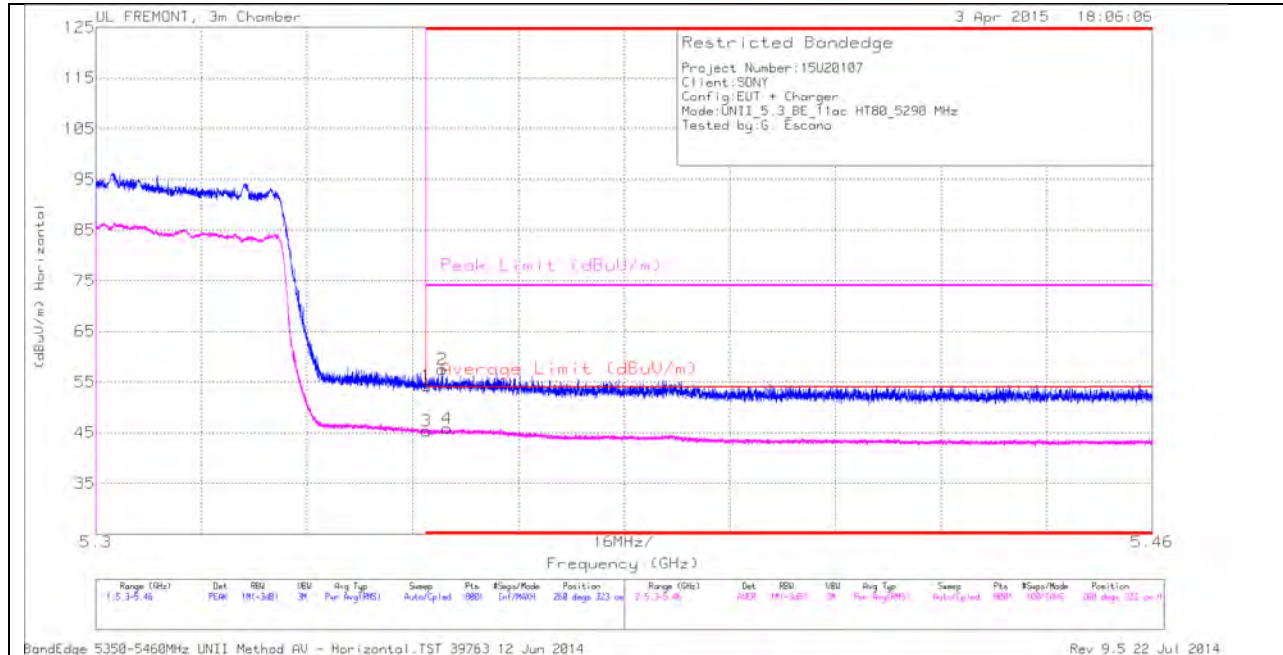
TRACE MARKERS

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T119 (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
4	6.566	31.39	PK	35.6	-29.5	0	37.49	-	-	-	-	68.2	-30.71	0-360	200	V
1	8.879	29.22	PK	35.9	-26.5	0	38.62	-	-	-	-	68.2	-29.58	0-360	100	H
2	14.015	31.77	PK	38.8	-27.6	0	42.97	-	-	-	-	68.2	-25.23	0-360	100	H
5	14.577	30.79	PK	39.8	-27.1	0	43.49	-	-	-	-	68.2	-24.71	0-360	100	V
3	16.386	28.43	PK	40.7	-24	0	45.13	-	-	-	-	68.2	-23.07	0-360	100	H
6	17.189	28.41	PK	41.3	-23.5	0	46.21	-	-	-	-	68.2	-21.99	0-360	100	V

PK - Peak detector

11.1.4. 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

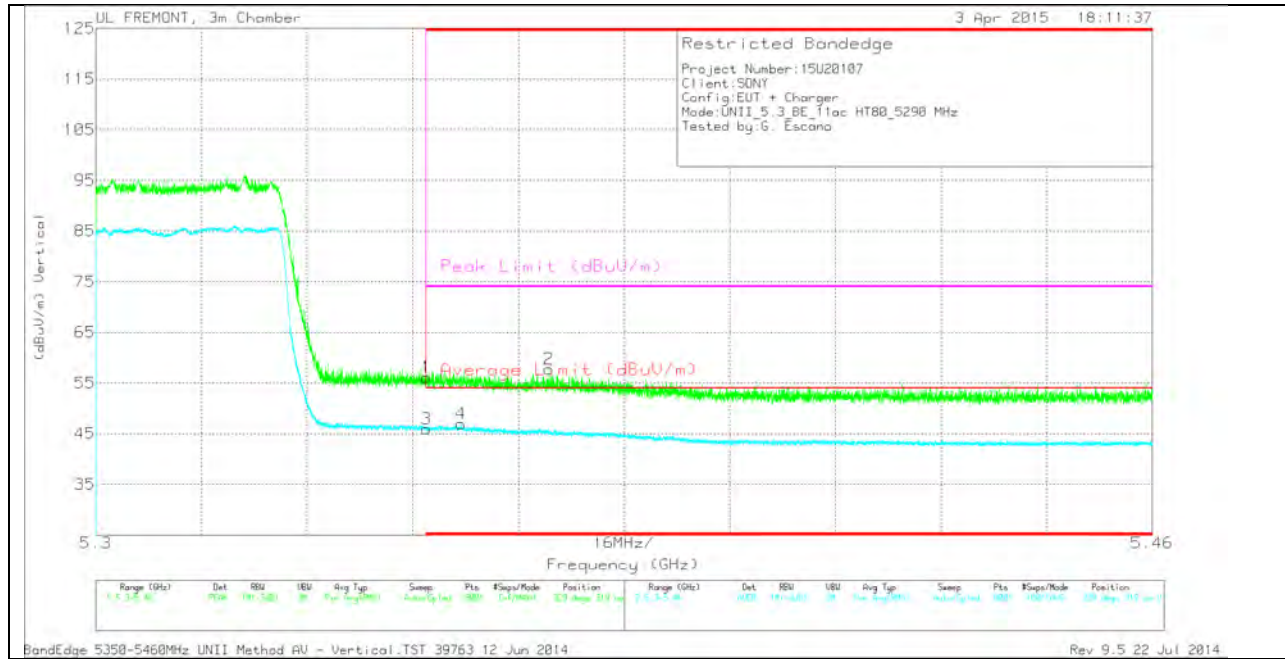
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T119 (dB/m)	Amp/Cbl/Fit r/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 5.35	41.2	PK	34.5	-21.4	0	54.3	-	-	74	-19.7	260	323	H
3	* 5.35	32.04	RMS	34.5	-21.4	.23	45.37	54	-8.63	-	-	260	323	H
2	* 5.352	44.35	PK	34.5	-21.4	0	57.45	-	-	74	-16.55	260	323	H
4	* 5.353	32.57	RMS	34.5	-21.4	.23	45.9	54	-8.1	-	-	260	323	H

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

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/Filt 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	43.02	PK	34.5	-21.4	0	56.12	-	-	74	-17.88	329	319	V
3	* 5.35	32.66	RMS	34.5	-21.4	.23	45.99	54	-8.01	-	-	329	319	V
4	* 5.355	33.81	RMS	34.5	-21.5	.23	47.04	54	-6.96	-	-	329	319	V
2	* 5.369	44.75	PK	34.5	-21.5	0	57.75	-	-	74	-16.25	329	319	V

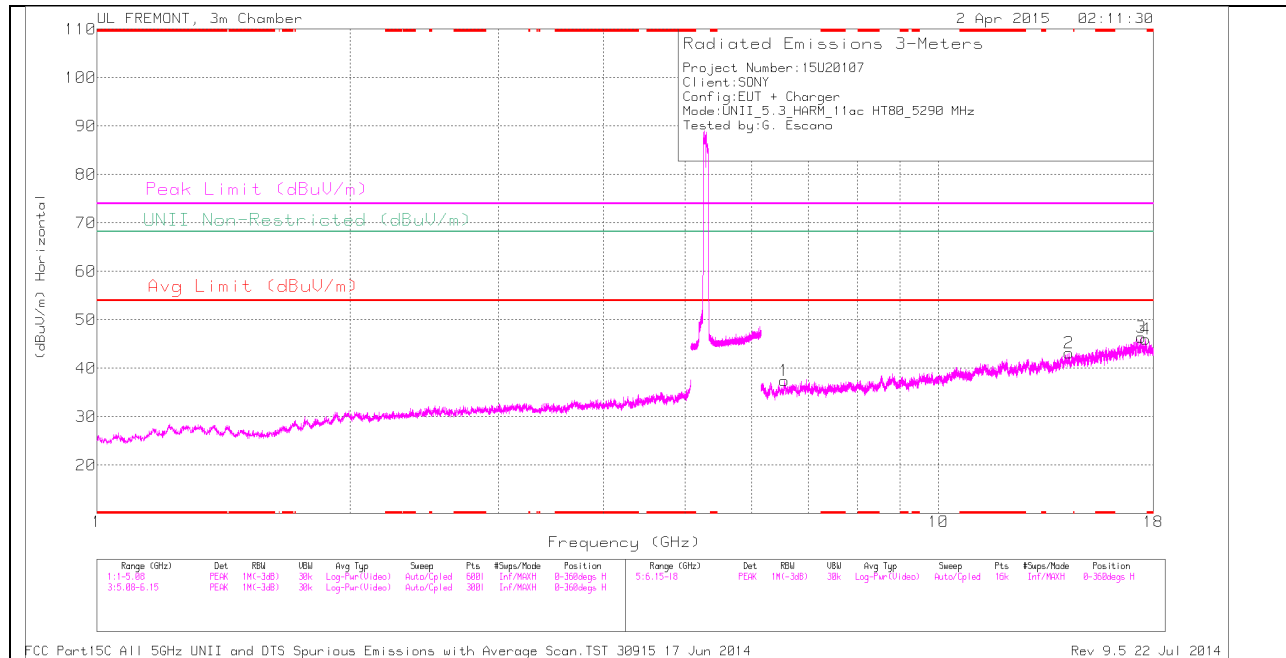
* - indicates frequency in CFR15.205/IC7.2.2 Restricted Band

PK - Peak detector

RMS - RMS detection

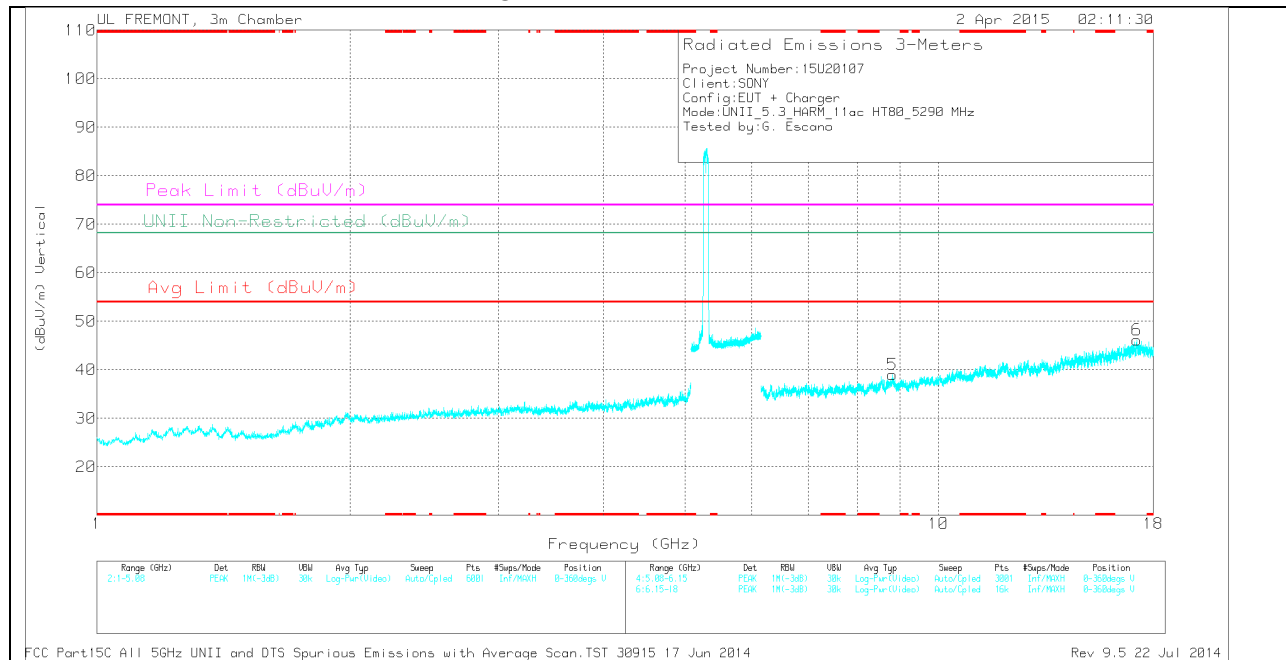
HARMONICS AND SPURIOUS EMISSIONS

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 T119 (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	6.562	31.29	PK	35.6	-29.4	0	37.49	-	-	-	-	68.2	-30.71	0-360	200	H
5	8.818	28.71	PK	35.9	-25.6	0	39.01	-	-	-	-	68.2	-29.19	0-360	200	V
2	14.302	31.04	PK	39.4	-27.3	0	43.14	-	-	-	-	68.2	-25.06	0-360	200	H
6	17.203	27.68	PK	41.3	-22.8	0	46.18	-	-	-	-	68.2	-22.02	0-360	100	V
3	17.424	27.4	PK	41.4	-22.4	0	46.4	-	-	-	-	68.2	-21.8	0-360	200	H
4	17.613	28.37	PK	41.4	-23.7	0	46.07	-	-	-	-	68.2	-22.13	0-360	100	H

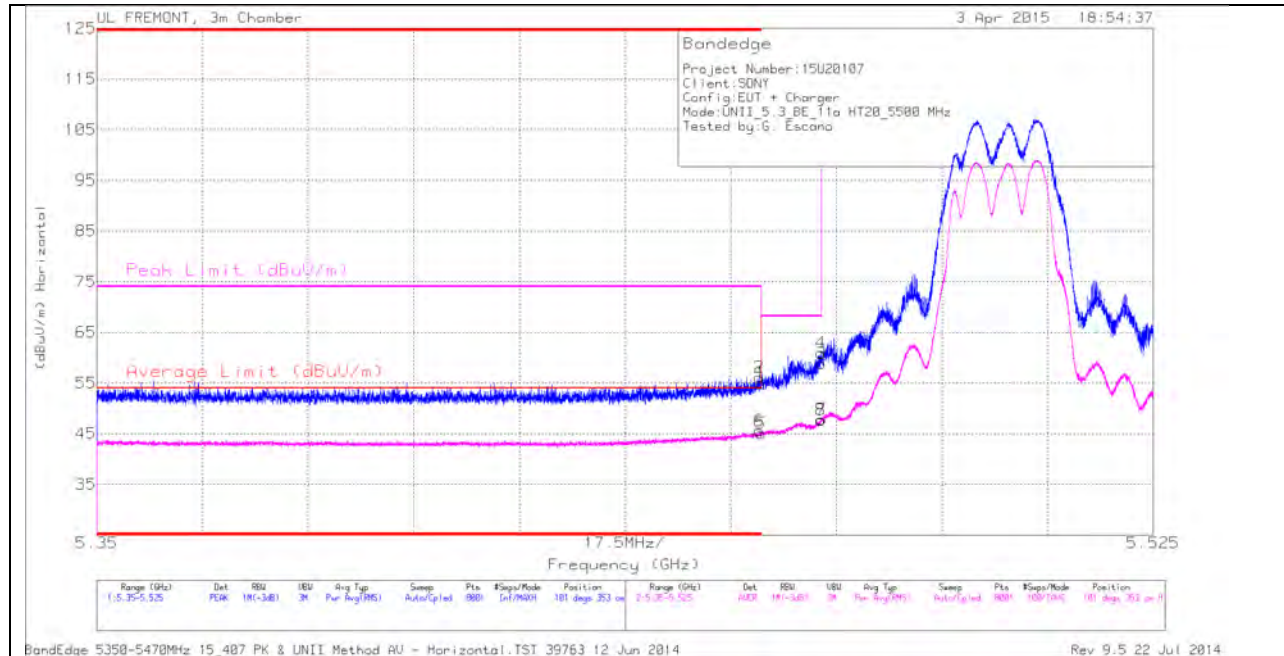
PK - Peak detector

11.2. 5.5-5.6 GHz

11.2.1. TX ABOVE 1 GHz 802.11a MODE IN THE 5.5 GHz BAND

RESTRICTED BANDEDGE (LOW CHANNEL)

HORIZONTAL PEAK AND AVERAGE PLOT



HORIZONTAL DATA

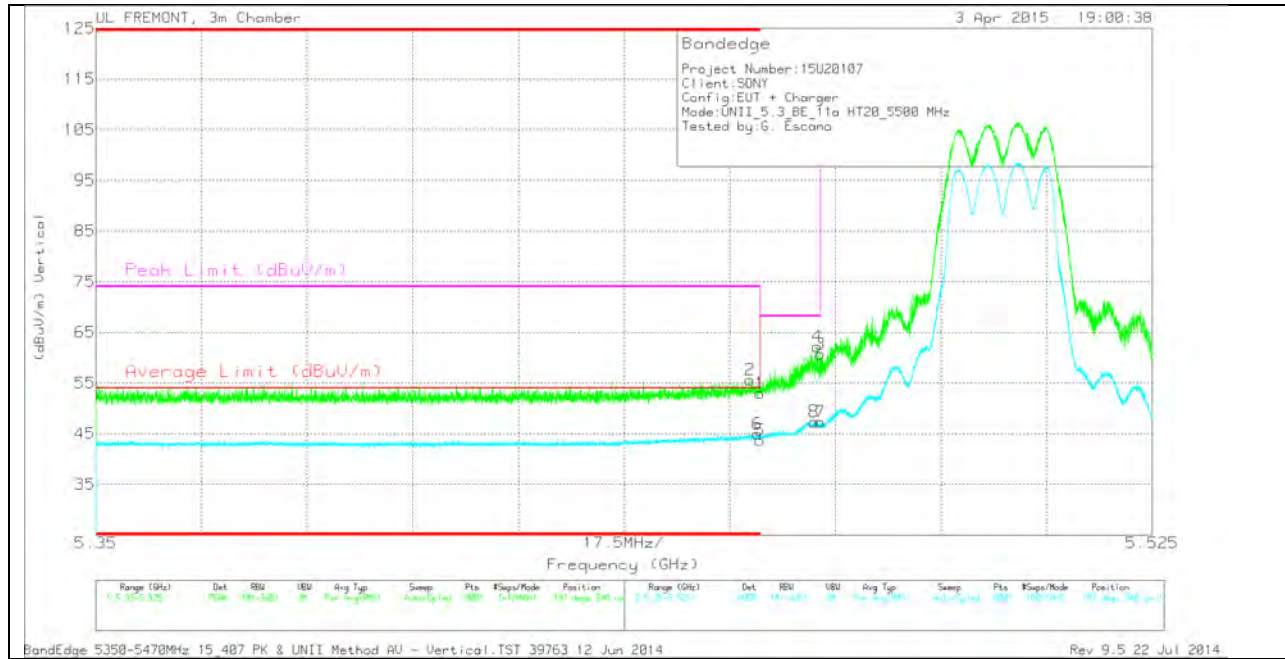
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T119 (dB/m)	Amp/Cbl/Fit r/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 5.46	41.75	PK	34.6	-21.4	0	54.95	-	-	74	-19.05	101	353	H
2	* 5.46	42.93	PK	34.6	-21.4	0	56.13	-	-	74	-17.87	101	353	H
5	* 5.46	31.86	RMS	34.6	-21.4	0	45.06	54	-8.94	-	-	101	353	H
6	* 5.46	32.4	RMS	34.6	-21.4	0	45.6	54	-8.4	-	-	101	353	H
3	5.47	45.53	PK	34.6	-21.3	0	58.83	-	-	68.2	-9.37	101	353	H
4	5.47	47.71	PK	34.6	-21.3	0	61.01	-	-	68.2	-7.19	101	353	H
7	5.47	34.47	RMS	34.6	-21.3	0	47.77	-	-	-	-	101	353	H
8	5.47	34.41	RMS	34.6	-21.3	0	47.71	-	-	-	-	101	353	H

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

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/Filt 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	* 5.458	42.46	PK	34.6	-21.4	0	55.66	-	-	74	-18.34	187	340	V
1	* 5.46	39.79	PK	34.6	-21.4	0	52.99	-	-	74	-21.01	187	340	V
5	* 5.46	30.55	RMS	34.6	-21.4	0	43.75	54	-10.25	-	-	187	340	V
6	* 5.46	31.7	RMS	34.6	-21.4	0	44.9	54	-9.1	-	-	187	340	V
8	5.469	34.07	RMS	34.6	-21.3	0	47.37	-	-	-	-	187	340	V
3	5.47	47.46	PK	34.6	-21.3	0	60.76	-	-	68.2	-7.44	187	340	V
4	5.47	48.92	PK	34.6	-21.3	0	62.22	-	-	68.2	-5.98	187	340	V
7	5.47	33.98	RMS	34.6	-21.3	0	47.28	-	-	-	-	187	340	V

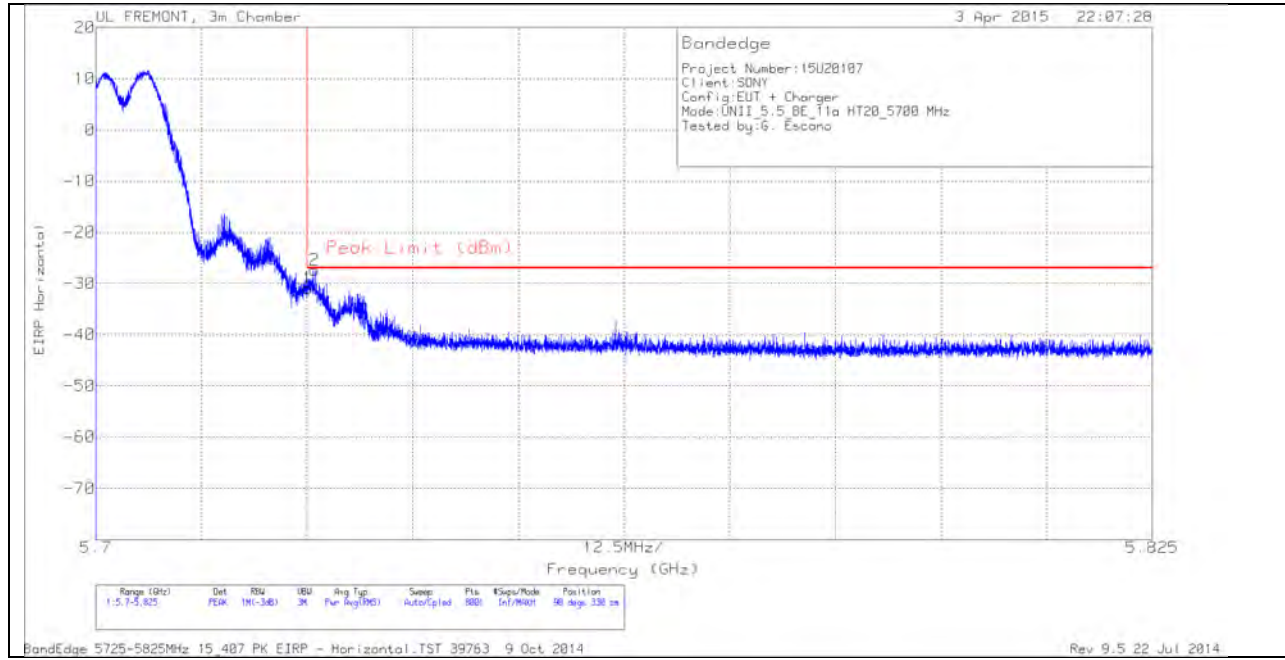
* - indicates frequency in CFR15.205/IC7.2.2 Restricted Band

PK - Peak detector

RMS - RMS detection

AUTHORIZED BANDEDGE (HIGH CHANNEL)

HORIZONTAL PEAK AND AVERAGE PLOT

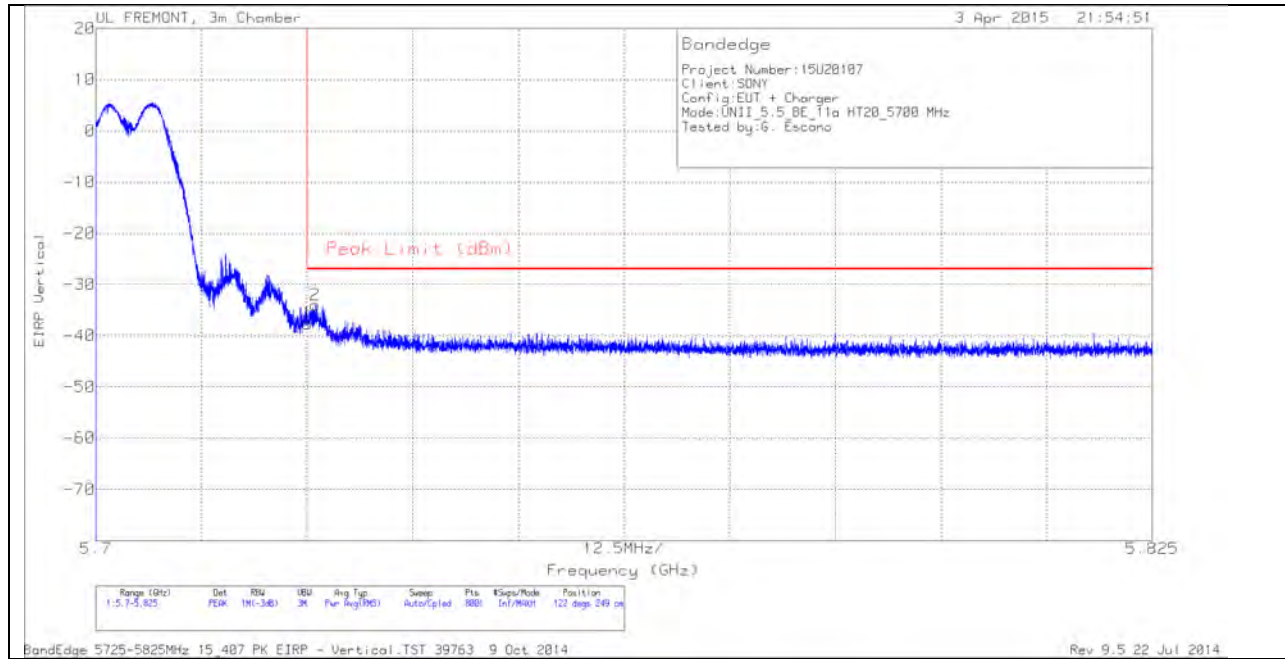


HORIZONTAL DATA

Marker	Frequency (GHz)	Meter Reading (dBm)	Det	AF T119 (dB/m)	Amp/Cb/F ltr/Pad (dB)	Conversion Factor (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.725	-56.43	PK	34.8	-21.1	11.8	-30.93	-27	-3.93	90	330	H
2	5.726	-52.86	PK	34.8	-21.1	11.8	-27.36	-27	-.36	90	330	H

PK - Peak detector

VERTICAL PEAK AND AVERAGE PLOT



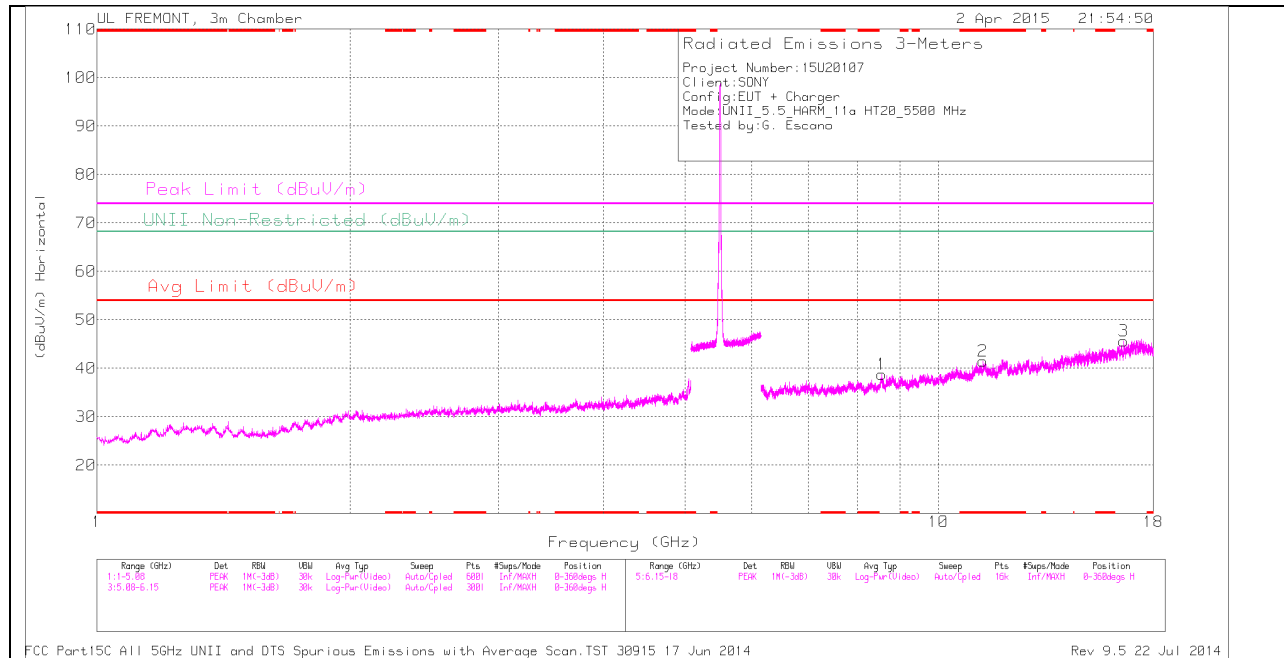
VERTICAL DATA

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	-63.13	PK	34.8	-21.1	11.8	-37.63	-27	-10.63	122	249	V
2	5.726	-59.52	PK	34.8	-21.1	11.8	-34.02	-27	-7.02	122	249	V

PK - Peak detector

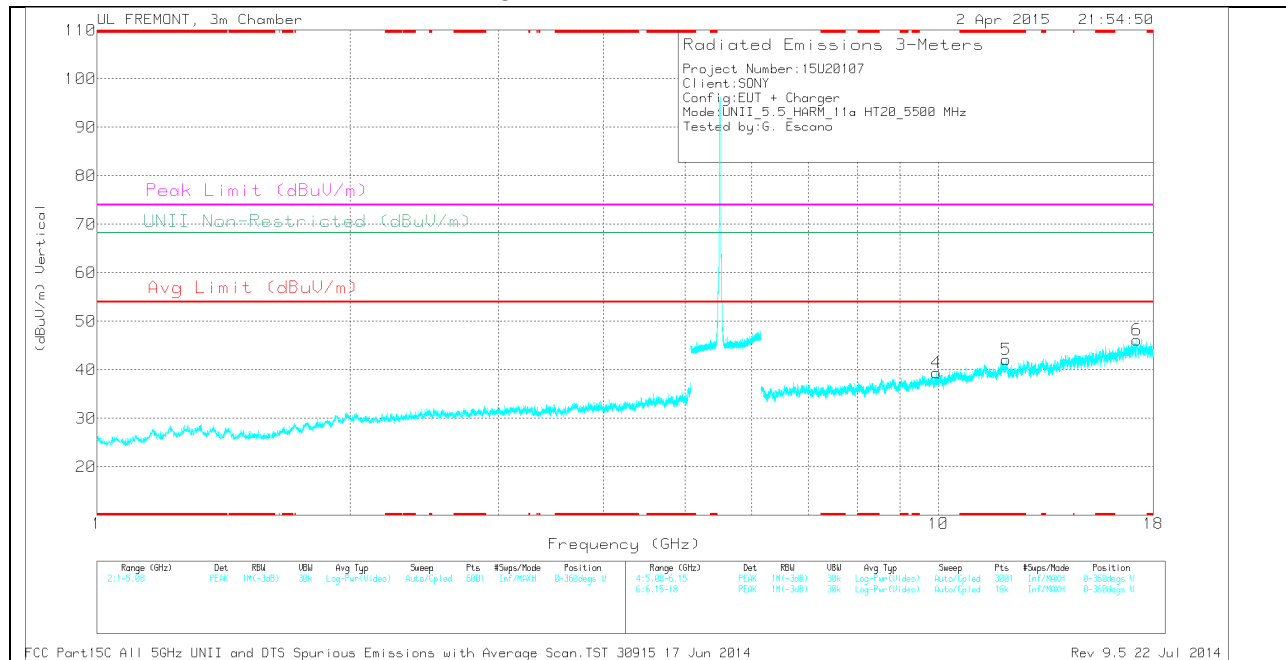
HARMONICS AND SPURIOUS EMISSIONS

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 T119 (dB/m)	Amp/Cbl/Filtr/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
2	* 11.291	29.21	PK	38	-25.7	0	41.51	-	-	74	-32.49	-	-	0-360	200	H
5	* 12.044	29.17	PK	39.1	-26.2	0	42.07	-	-	74	-31.93	-	-	0-360	200	V
1	8.569	29.13	PK	35.8	-26.2	0	38.73	-	-	-	-	68.2	-29.47	0-360	100	H
4	9.942	28.67	PK	36.9	-26.2	0	39.37	-	-	-	-	68.2	-28.83	0-360	100	V
3	16.609	29.15	PK	41	-24.5	0	45.65	-	-	-	-	68.2	-22.55	0-360	100	H
6	17.206	27.72	PK	41.3	-22.9	0	46.12	-	-	-	-	68.2	-22.08	0-360	100	V

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

PK - Peak detector

Radiated Emissions

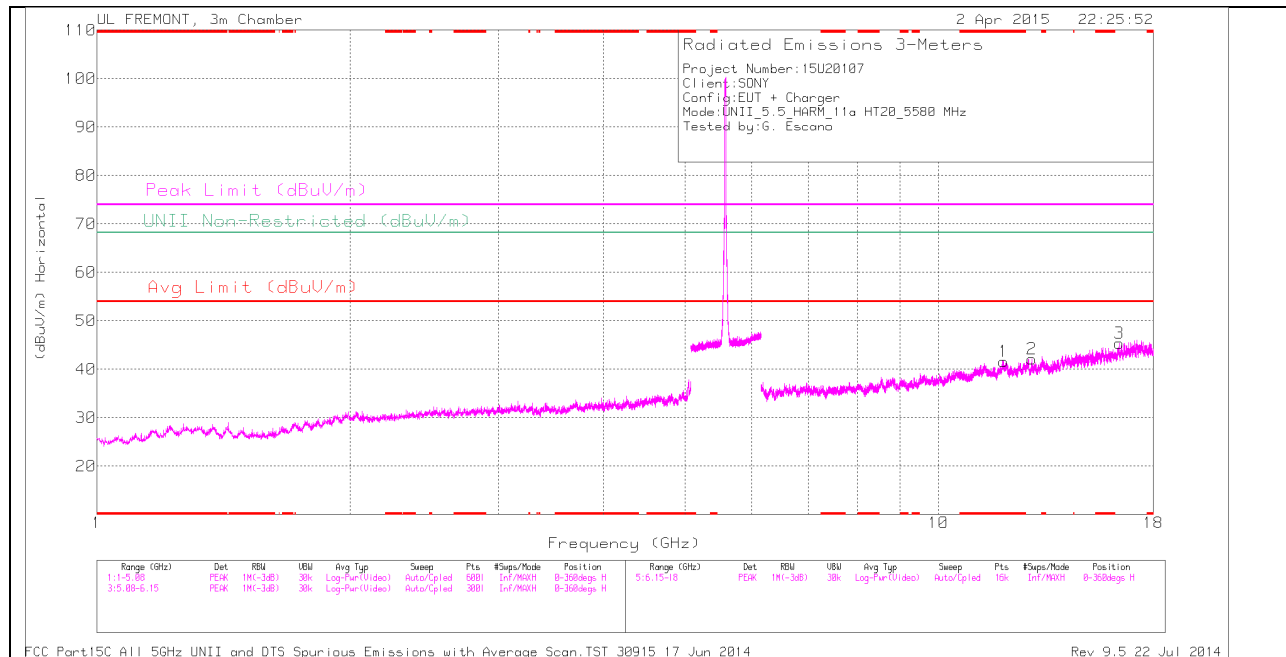
Frequency (GHz)	Meter Reading (dBuV)	Det	AF T119 (dB/m)	Amp/Cbl/Filtr/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
* 11.293	36.49	PK1	38.1	-25.7	0	48.89	-	-	74	-25.11	-	-	294	124	H
* 11.293	24.56	AD1	38.1	-25.7	0	36.96	54	-17.04	-	-	-	-	294	124	H
* 12.045	37.59	PK1	39.1	-26.2	0	50.49	-	-	74	-23.51	-	-	143	341	V
* 12.046	25.33	AD1	39.1	-26.2	0	38.23	54	-15.77	-	-	-	-	143	341	V

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

PK1 - KDB789033 Method: Peak

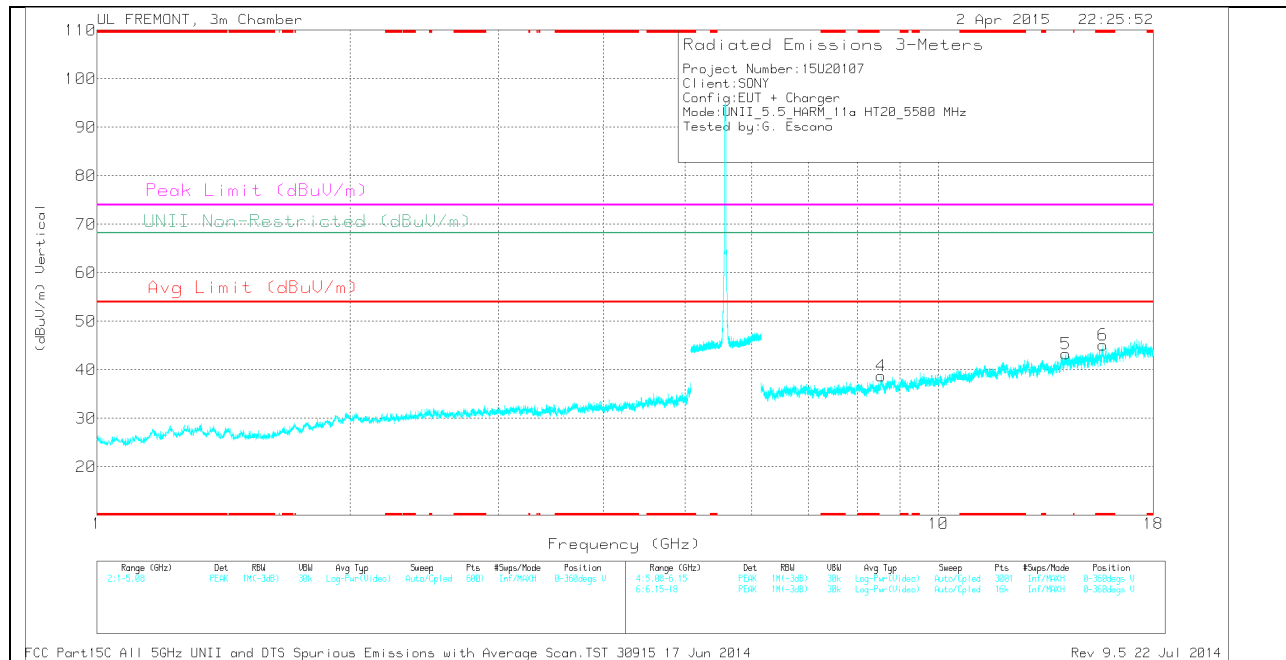
AD1 - KDB789033 Method: AD Primary Power Average

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 T119 (dB/m)	Amp/Cbl/Filtr/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 11.947	28.93	PK	39.1	-26.4	0	41.63	-	-	74	-32.37	-	-	0-360	100	H
6	* 15.692	31.26	PK	40.4	-26.5	0	45.16	-	-	74	-28.84	-	-	0-360	100	V
4	8.544	29.11	PK	35.8	-26.1	0	38.81	-	-	-	-	68.2	-29.39	0-360	200	V
2	12.921	30.09	PK	39.1	-27.1	0	42.09	-	-	-	-	68.2	-26.11	0-360	100	H
5	14.168	31.29	PK	39.1	-27.1	0	43.29	-	-	-	-	68.2	-24.91	0-360	100	V
3	16.397	28.89	PK	40.7	-24.2	0	45.39	-	-	-	-	68.2	-22.81	0-360	100	H

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

PK - Peak detector

Radiated Emissions

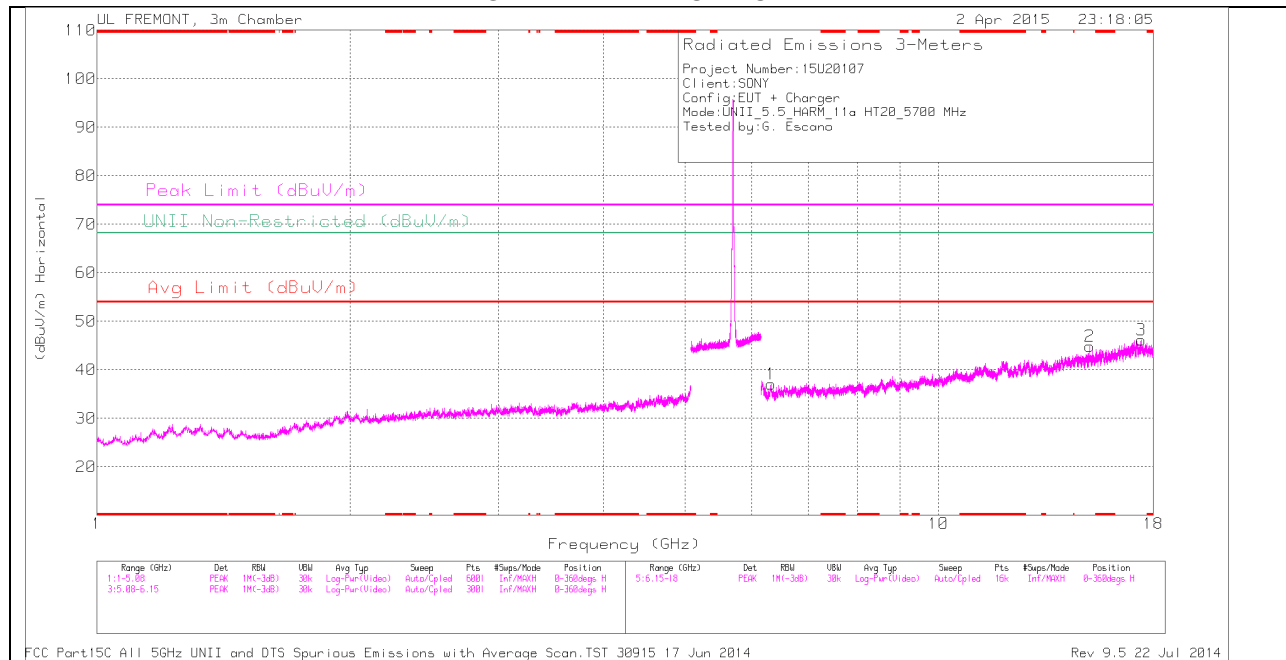
Frequency (GHz)	Meter Reading (dBuV)	Det	AF T119 (dB/m)	Amp/Cbl/Filtr/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
* 11.947	37.74	PK1	39.1	-26.4	0	50.44	-	-	74	-23.56	-	-	267	360	H
* 11.946	25.92	AD1	39.1	-26.4	0	38.62	54	-15.38	-	-	-	-	267	360	H
* 15.691	39.43	PK1	40.4	-26.5	0	53.33	-	-	74	-20.67	-	-	104	168	V
* 15.693	27.37	AD1	40.4	-26.5	0	41.27	54	-12.73	-	-	-	-	104	168	V

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

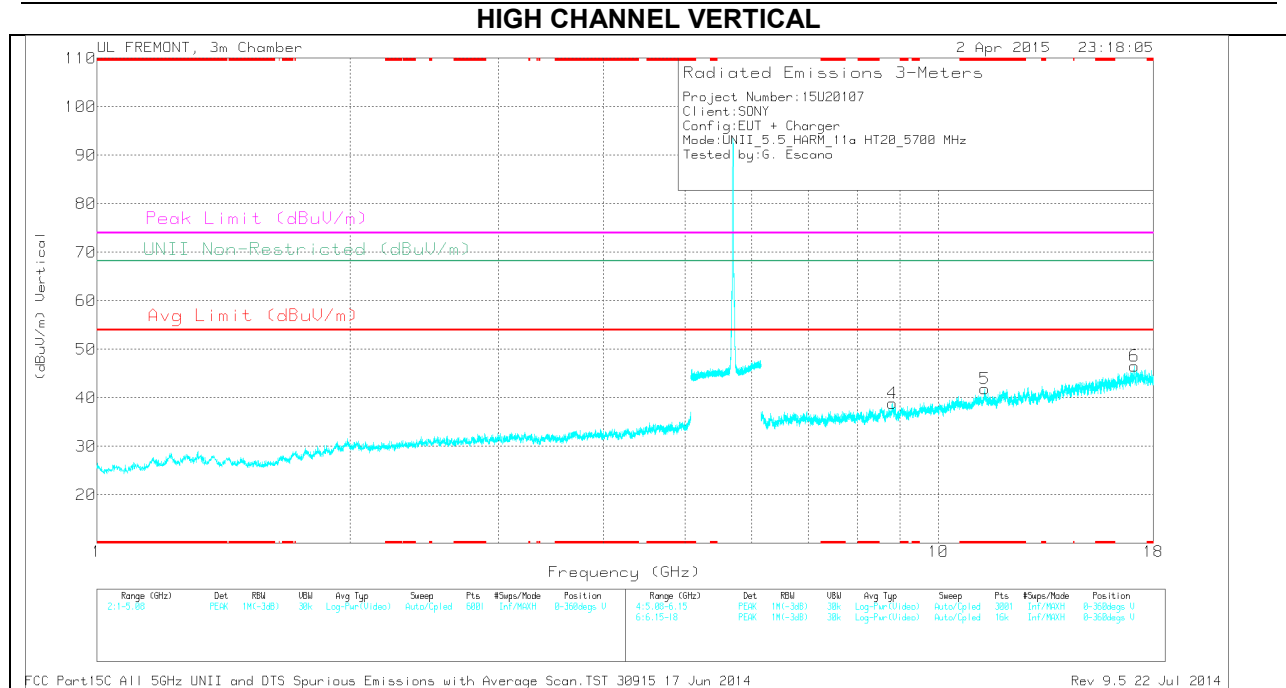
PK1 - KDB789033 Method: Peak

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 T119 (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
5	* 11.348	29.35	PK	38.1	-25.6	0	41.85	-	-	74	-32.15	-	-	0-360	200	V
1	6.324	31.02	PK	35.4	-29.3	0	37.12	-	-	-	-	68.2	-31.08	0-360	100	H
4	8.815	28.44	PK	35.9	-25.5	0	38.84	-	-	-	-	68.2	-29.36	0-360	200	V
2	15.122	32.08	PK	39.8	-27	0	44.88	-	-	-	-	68.2	-23.32	0-360	100	H
6	17.079	28.95	PK	41.4	-23.8	0	46.55	-	-	-	-	68.2	-21.65	0-360	200	V
3	17.416	27.16	PK	41.4	-22.4	0	46.16	-	-	-	-	68.2	-22.04	0-360	100	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 T119 (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
* 11.349	36.99	PK1	38.1	-25.6	0	49.49	-	-	74	-24.51	-	-	171	275	V
* 11.35	24.93	AD1	38.1	-25.7	0	37.33	54	-16.67	-	-	-	-	171	275	V

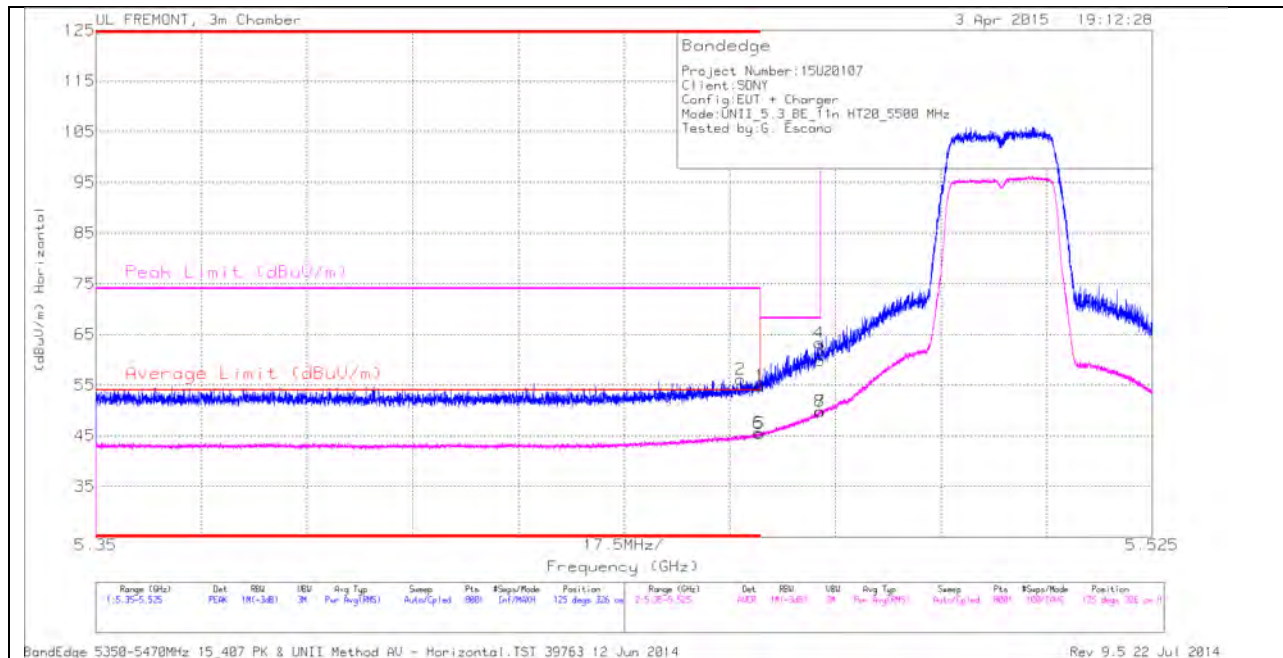
* - indicates frequency in CFR 47, Part 15 and Industry Canada RSS-Restricted Band.

PK1 - KDB789033 Method: Peak

AD1 - KDB789033 Method: AD Primary Power Average

11.2.2. 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

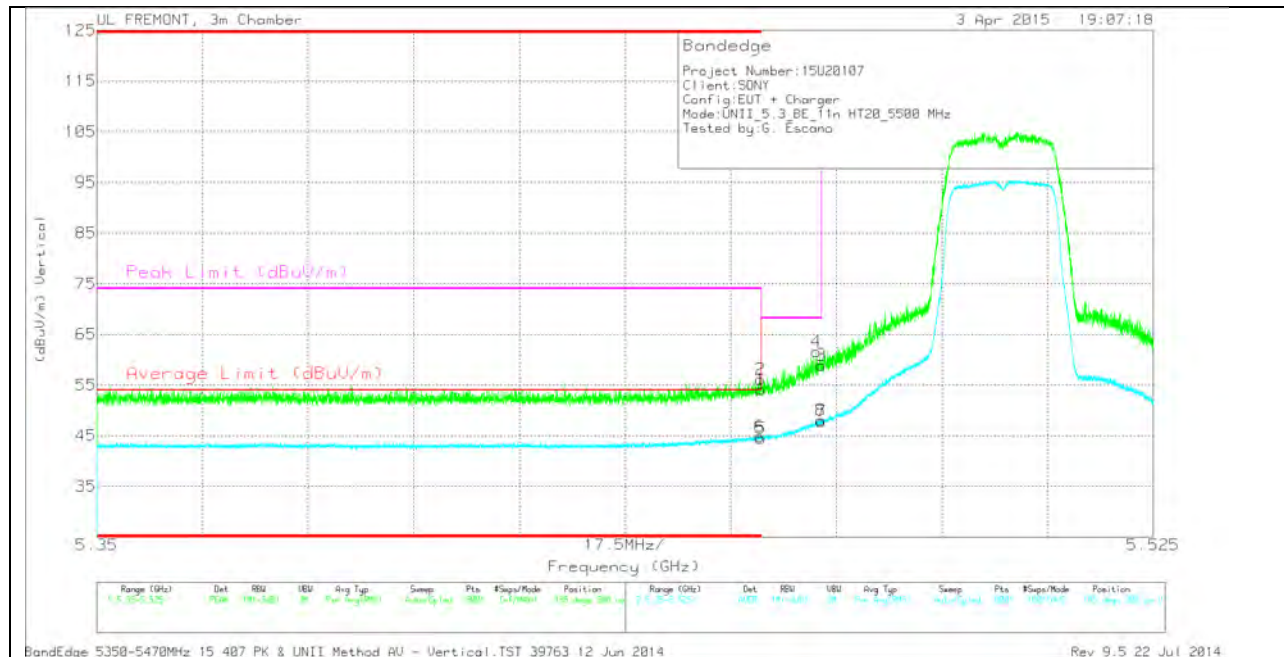
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T119 (dB/m)	Amp/Cbl/Fit r/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
2	* 5.457	42.97	PK	34.6	-21.4	0	56.17	-	-	74	-17.83	125	326	H
1	* 5.46	41.7	PK	34.6	-21.4	0	54.9	-	-	74	-19.1	125	326	H
5	* 5.46	32.22	RMS	34.6	-21.4	0	45.42	54	-8.58	-	-	125	326	H
6	* 5.46	32.41	RMS	34.6	-21.4	0	45.61	54	-8.39	-	-	125	326	H
3	5.47	46.58	PK	34.6	-21.3	0	59.88	-	-	68.2	-8.32	125	326	H
4	5.47	50	PK	34.6	-21.3	0	63.3	-	-	68.2	-4.9	125	326	H
7	5.47	36.48	RMS	34.6	-21.3	0	49.78	-	-	-	-	125	326	H
8	5.47	36.45	RMS	34.6	-21.3	0	49.75	-	-	-	-	125	326	H

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

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	* 5.46	40.97	PK	34.6	-21.4	0	54.17	-	-	74	-19.83	185	308	V
2	* 5.46	42.91	PK	34.6	-21.4	0	56.11	-	-	74	-17.89	185	308	V
5	* 5.46	31.3	RMS	34.6	-21.4	0	44.5	54	-9.5	-	-	185	308	V
6	* 5.46	31.62	RMS	34.6	-21.4	0	44.82	54	-9.18	-	-	185	308	V
4	5.469	48.25	PK	34.6	-21.3	0	61.55	-	-	68.2	-6.65	185	308	V
3	5.47	45.62	PK	34.6	-21.3	0	58.92	-	-	68.2	-9.28	185	308	V
7	5.47	34.51	RMS	34.6	-21.3	0	47.81	-	-	-	-	185	308	V
8	5.47	34.75	RMS	34.6	-21.3	0	48.05	-	-	-	-	185	308	V

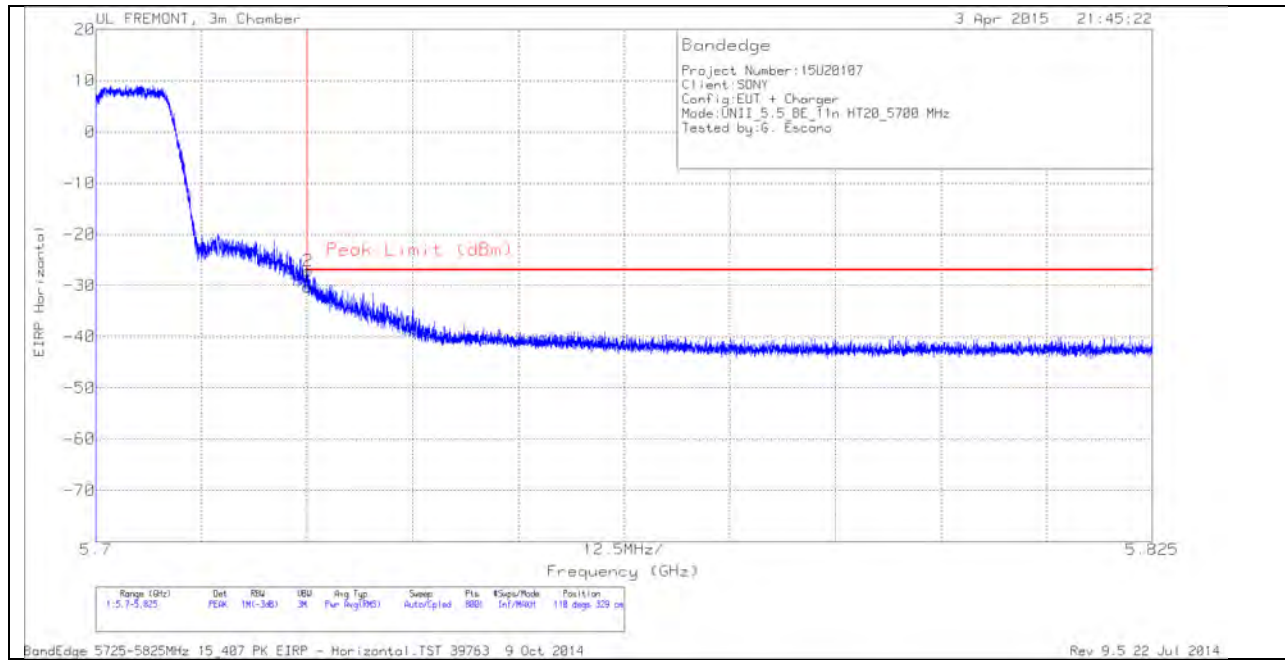
* - indicates frequency in CFR15.205/IC7.2.2 Restricted Band

PK - Peak detector

RMS - RMS detection

AUTHORIZED BANDEDGE (HIGH CHANNEL)

HORIZONTAL PEAK AND AVERAGE PLOT

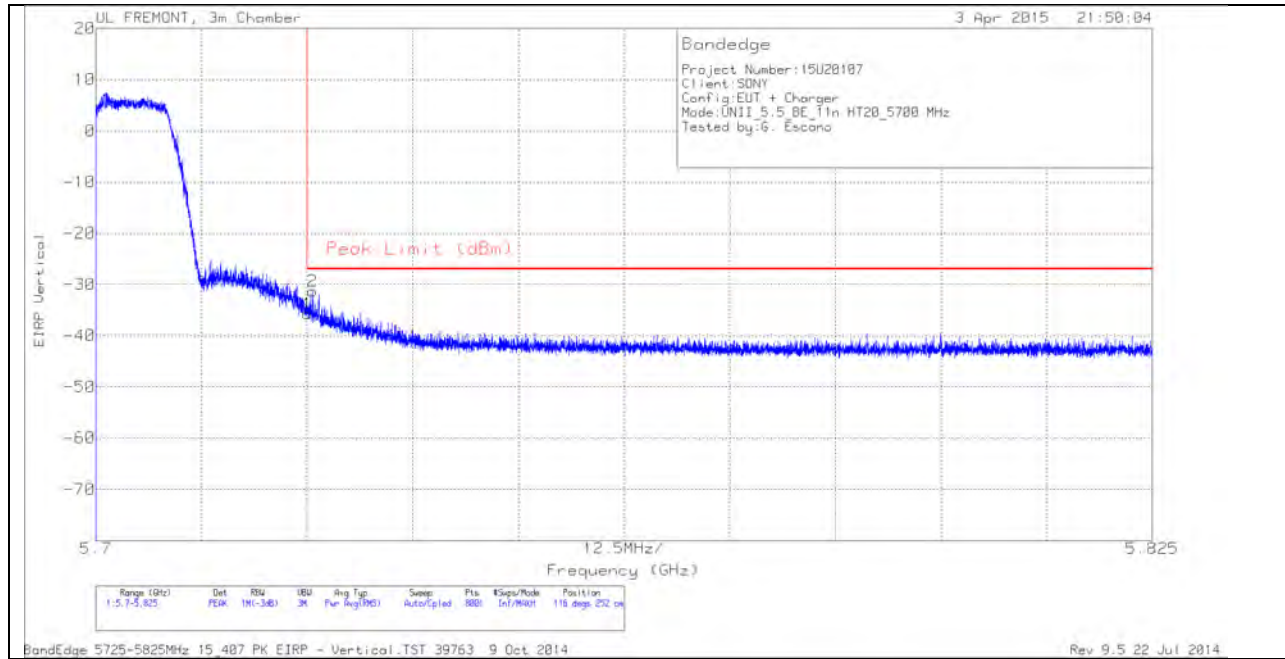


HORIZONTAL DATA

Marker	Frequency (GHz)	Meter Reading (dBm)	Det	AF T119 (dB/m)	Amp/Cb/F ltr/Pad (dB)	Conversion Factor (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.725	-55.76	PK	34.8	-21.1	11.8	-30.26	-27	-3.26	110	329	H
2	5.725	-52.66	PK	34.8	-21.1	11.8	-27.16	-27	-.16	110	329	H

PK - Peak detector

VERTICAL PEAK AND AVERAGE PLOT



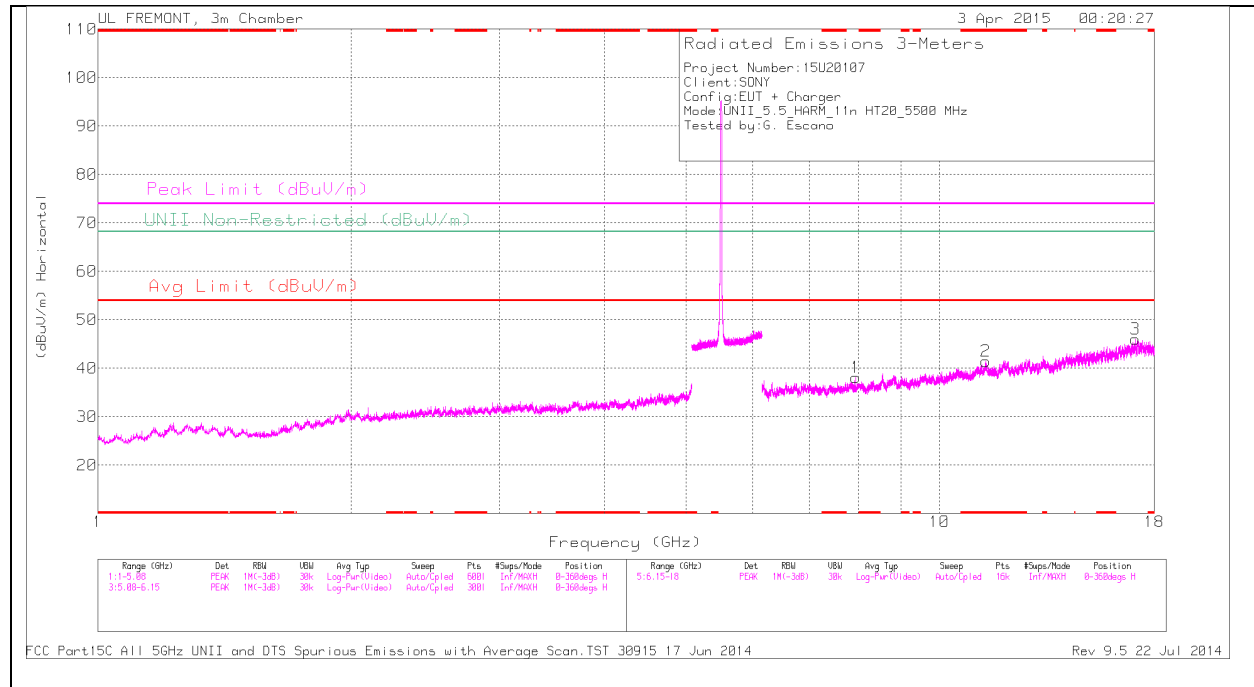
VERTICAL DATA

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	-61.23	PK	34.8	-21.1	11.8	-35.73	-27	-8.73	116	252	V
2	5.726	-56.8	PK	34.8	-21.1	11.8	-31.3	-27	-4.3	116	252	V

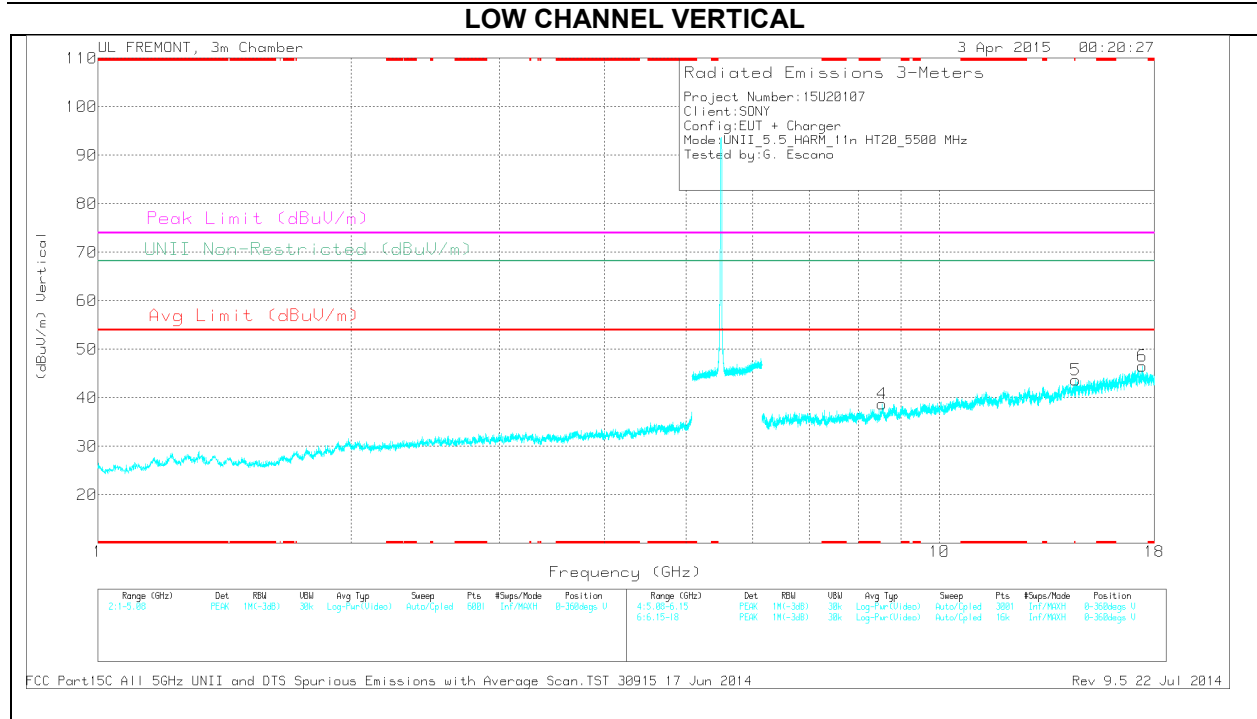
PK - Peak detector

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.



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 T119 (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	* 11.347	28.92	PK	38.1	-25.6	0	41.42	-	-	74	-32.58	-	-	0-360	100	H
1	7.947	31.04	PK	35.8	-28.7	0	38.14	-	-	-	-	68.2	-30.06	0-360	200	H
4	8.554	29.05	PK	35.8	-26.1	0	38.75	-	-	-	-	68.2	-29.45	0-360	100	V
5	14.523	31.25	PK	39.7	-27.3	0	43.65	-	-	-	-	68.2	-24.55	0-360	100	V
3	17.085	28.16	PK	41.5	-23.6	0	46.06	-	-	-	-	68.2	-22.14	0-360	100	H
6	17.42	27.26	PK	41.4	-22.1	0	46.56	-	-	-	-	68.2	-21.64	0-360	100	V

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

PK - Peak detector

Radiated Emissions

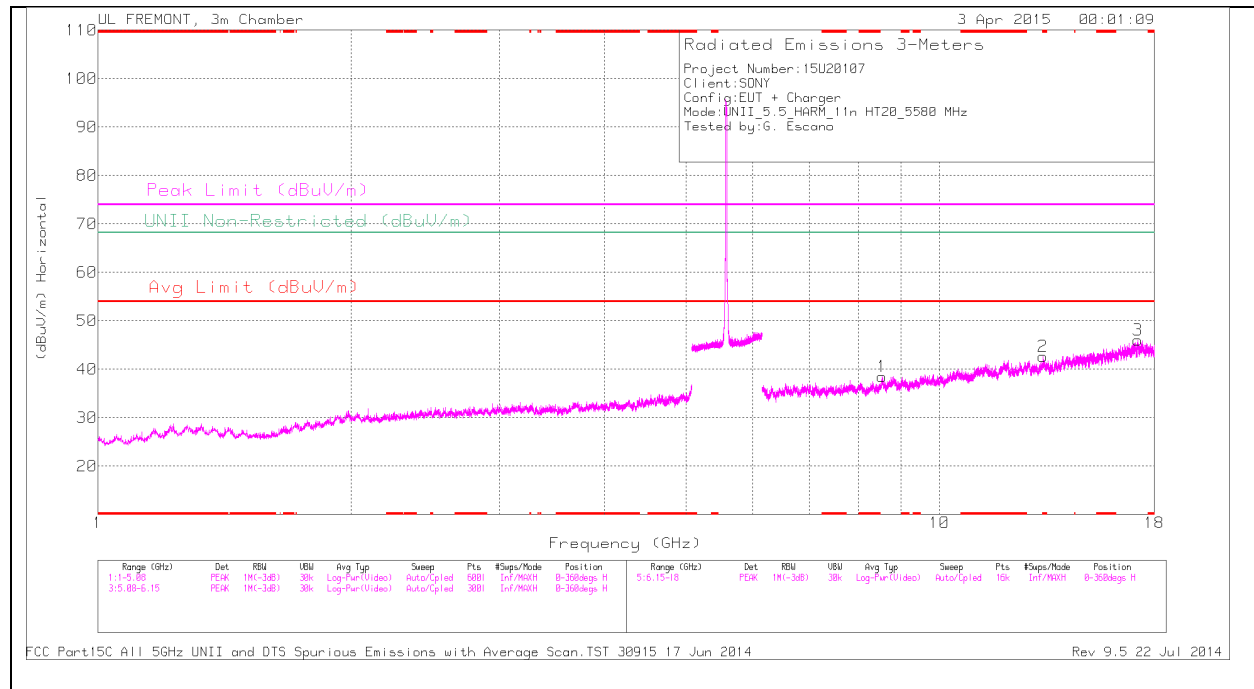
Frequency (GHz)	Meter Reading (dBuV)	Det	AF T119 (dB/m)	Amp/Cbl/Ftr/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
* 11.348	37.12	PK1	38.1	-25.6	0	49.62	-	-	74	-24.38	-	-	136	243	H
* 11.349	24.86	AD1	38.1	-25.6	0	37.36	54	-16.64	-	-	-	-	136	243	H

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

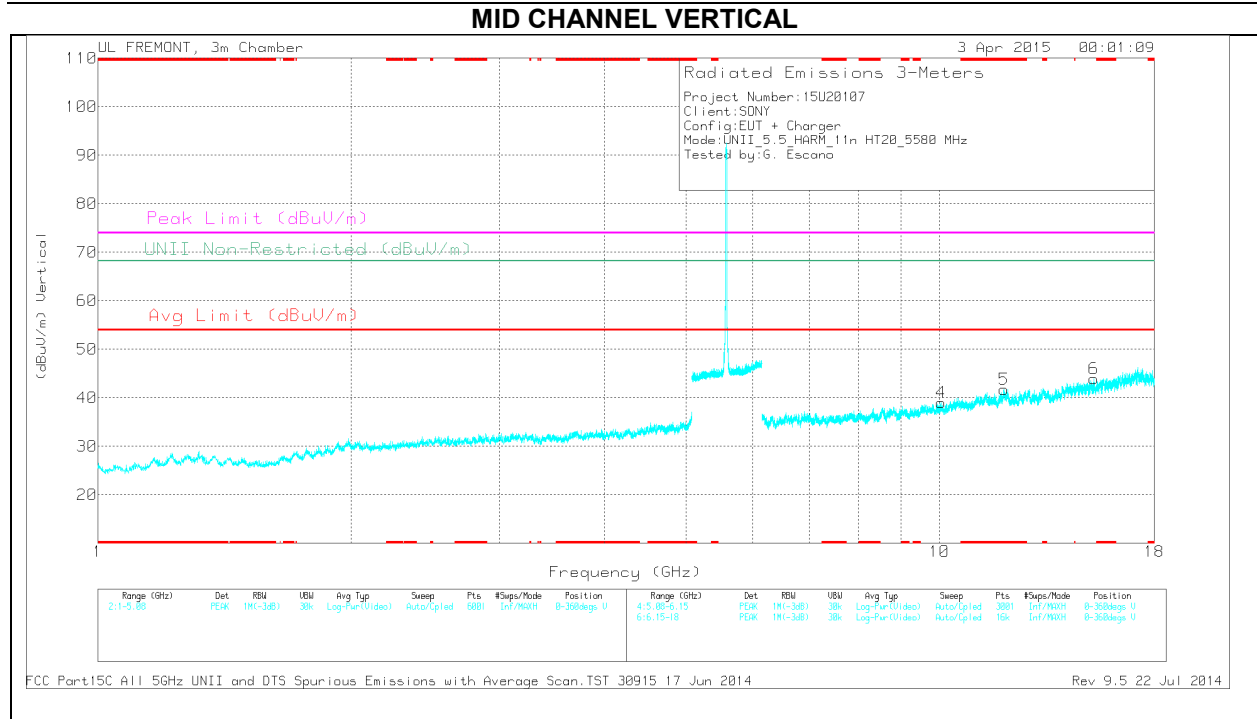
PK1 - KDB789033 Method: Peak

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.



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 T119 (dB/m)	Amp/Cbl/Filtr/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
2	* 13.284	29.92	PK	39	-26.3	0	42.62	-	-	74	-31.38	-	-	0-360	100	H
5	* 11.924	28.81	PK	39.1	-26.2	0	41.71	-	-	74	-32.29	-	-	0-360	100	V
1	8.547	28.65	PK	35.8	-26	0	38.45	-	-	-	-	68.2	-29.75	0-360	200	H
4	10.045	26.98	PK	36.9	-24.9	0	38.98	-	-	-	-	68.2	-29.22	0-360	100	V
6	15.247	30.57	PK	39.9	-26.5	0	43.97	-	-	-	-	68.2	-24.23	0-360	100	V
3	17.199	27.72	PK	41.3	-23	0	46.02	-	-	-	-	68.2	-22.18	0-360	100	H

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

PK - Peak detector

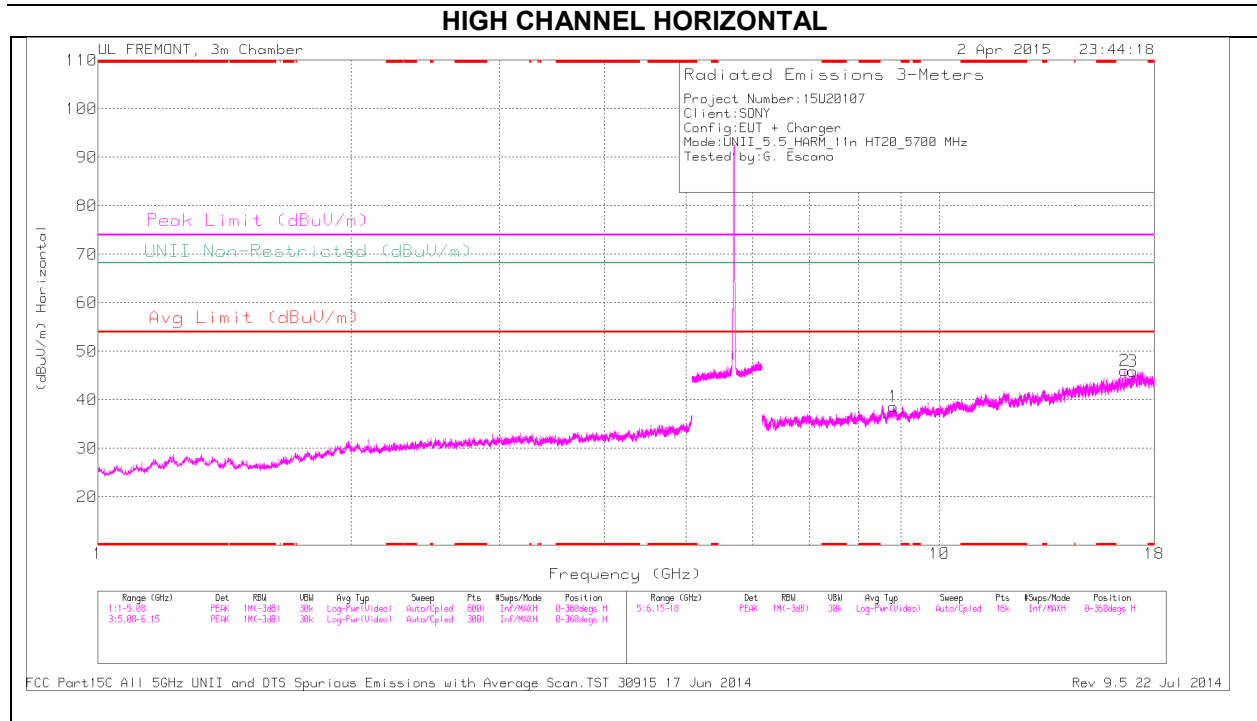
Radiated Emissions

Frequency (GHz)	Meter Reading (dBuV)	Det	AF T119 (dB/m)	Amp/Cbl/Filtr/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
* 13.285	38.99	PK1	39	-26.3	0	51.69	-	-	74	-22.31	-	-	60	133	H
* 13.286	26.84	AD1	39	-26.4	0	39.44	54	-14.56	-	-	-	-	60	133	H
* 11.926	37.73	PK1	39.1	-26.2	0	50.63	-	-	74	-23.37	-	-	310	250	V
* 11.923	25.91	AD1	39.1	-26.2	0	38.81	54	-15.19	-	-	-	-	310	250	V

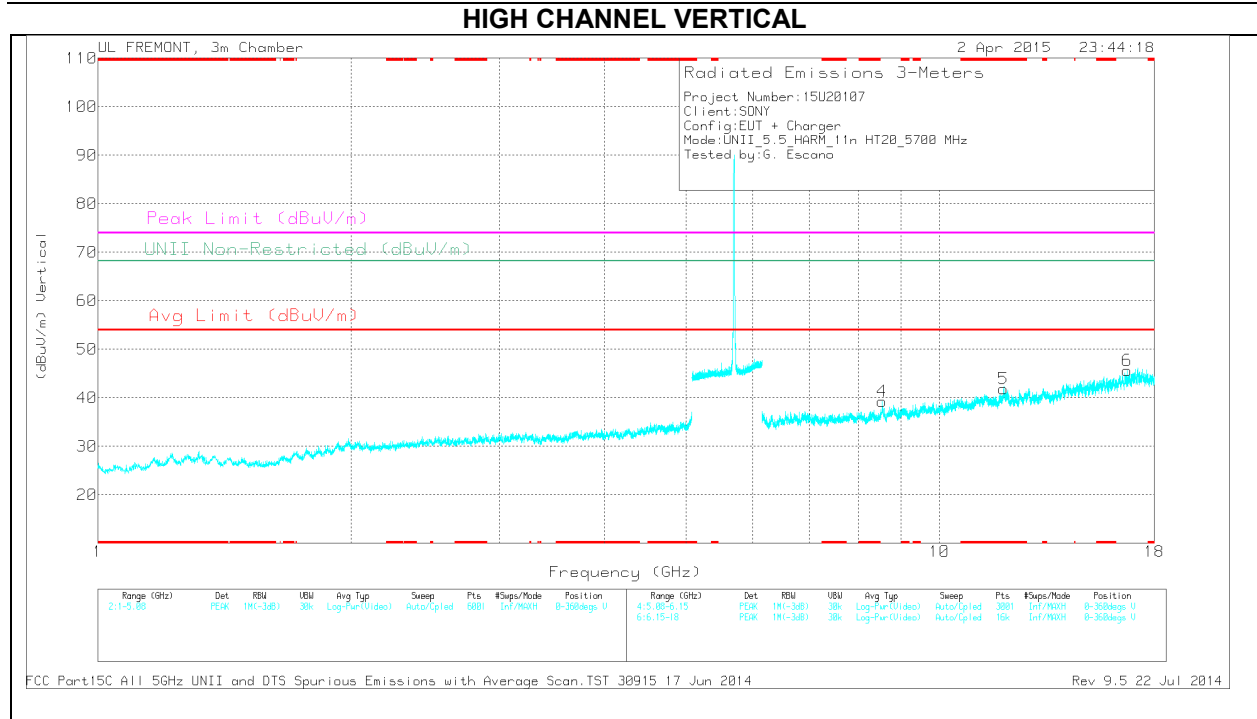
* - indicates frequency in CFR 47, Part 15 and Industry Canada RSS-Restricted Band.

PK1 - KDB789033 Method: Peak

AD1 - KDB789033 Method: AD Primary Power Average



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 T119 (dB/m)	Amp/Cbl/Fil 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
5	* 11.918	29	PK	39.1	-26.2	0	41.9	-	-	74	-32.1	-	-	0-360	200	V
4	8.547	29.42	PK	35.8	-26	0	39.22	-	-	-	-	68.2	-28.98	0-360	100	V
1	8.815	28.28	PK	35.9	-25.5	0	38.68	-	-	-	-	68.2	-29.52	0-360	100	H
2	16.605	29.27	PK	41	-24.3	0	45.97	-	-	-	-	68.2	-22.23	0-360	200	H
6	16.715	29.17	PK	41.2	-24.7	0	45.67	-	-	-	-	68.2	-22.53	0-360	200	V
3	16.987	28.24	PK	41.4	-23.7	0	45.94	-	-	-	-	68.2	-22.26	0-360	200	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 T119 (dB/m)	Amp/Cbl/Fil 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
* 11.918	37.92	PK1	39.1	-26.2	0	50.82	-	-	74	-23.18	-	-	320	133	V
* 11.917	25.84	AD1	39.1	-26.2	0	38.74	54	-15.26	-	-	-	-	320	133	V

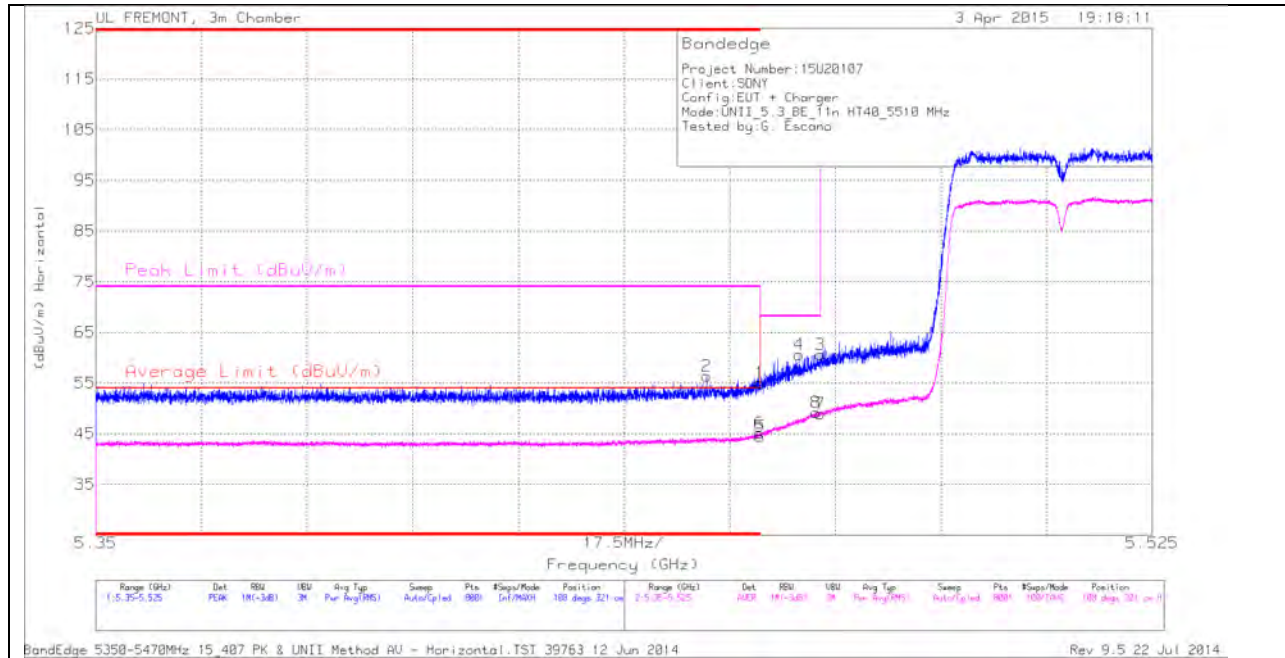
* - indicates frequency in CFR 47, Part 15 and Industry Canada RSS-Restricted Band.

PK1 - KDB789033 Method: Peak

AD1 - KDB789033 Method: AD Primary Power Average

11.2.3. 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

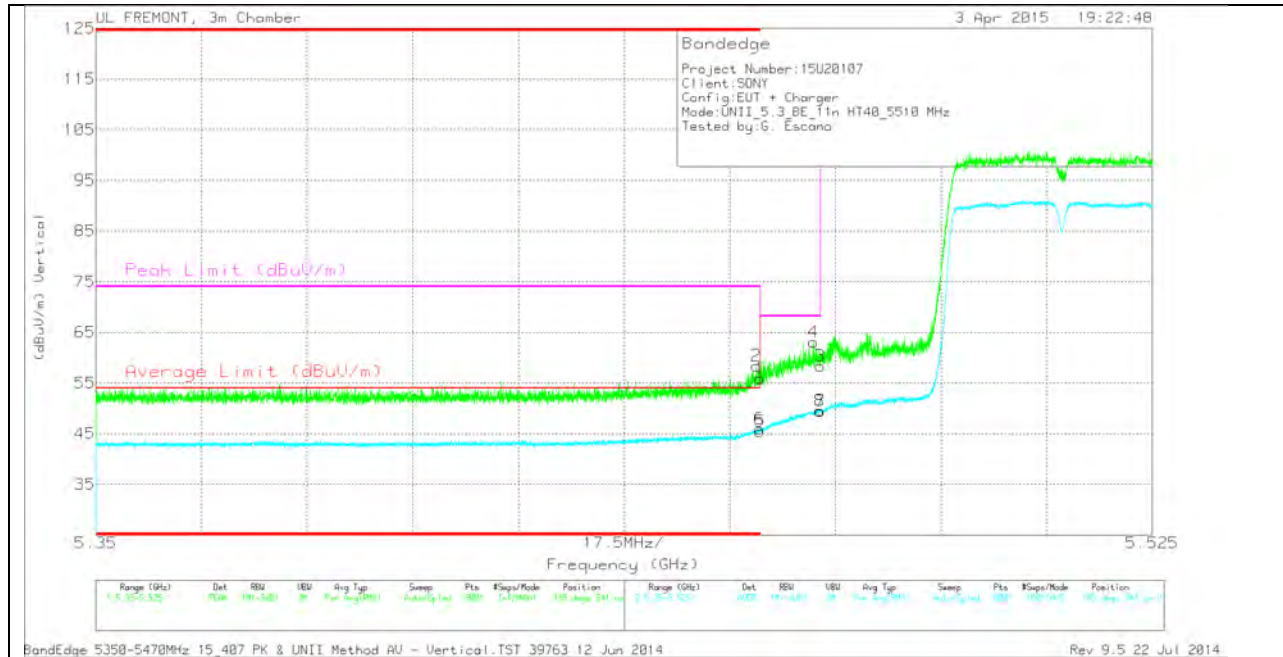
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AFT119 (dB/m)	Amp/Cbl/Fit r/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
2	* 5.451	43.23	PK	34.6	-21.4	0	56.43	-	-	74	-17.57	108	321	H
1	* 5.46	41.84	PK	34.6	-21.4	0	55.04	-	-	74	-18.96	108	321	H
5	* 5.46	31.24	RMS	34.6	-21.4	.12	44.56	54	-9.44	-	-	108	321	H
6	* 5.46	31.88	RMS	34.6	-21.4	.12	45.20	54	-8.80	-	-	108	321	H
4	5.467	47.3	PK	34.6	-21.3	0	60.6	-	-	68.2	-7.6	108	321	H
8	5.469	35.83	RMS	34.6	-21.3	.12	49.25	-	-	-	-	108	321	H
3	5.47	47.33	PK	34.6	-21.3	0	60.63	-	-	68.2	-7.57	108	321	H
7	5.47	35.58	RMS	34.6	-21.3	.12	49	-	-	-	-	108	321	H

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

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
2	* 5.459	45.22	PK	34.6	-21.4	0	58.42	-	-	74	-15.58	185	341	V
1	* 5.46	42.66	PK	34.6	-21.4	0	55.86	-	-	74	-18.14	185	341	V
5	* 5.46	32.26	RMS	34.6	-21.4	.12	45.58	54	-8.42	-	-	185	341	V
6	* 5.46	32.8	RMS	34.6	-21.4	.12	46.12	54	-7.88	-	-	185	341	V
4	5.469	49.74	PK	34.6	-21.3	0	63.04	-	-	68.2	-5.16	185	341	V
3	5.47	45.04	PK	34.6	-21.3	0	58.34	-	-	68.2	-9.86	185	341	V
7	5.47	36.17	RMS	34.6	-21.3	.12	49.59	-	-	-	-	185	341	V
8	5.47	36.26	RMS	34.6	-21.3	.12	49.68	-	-	-	-	185	341	V

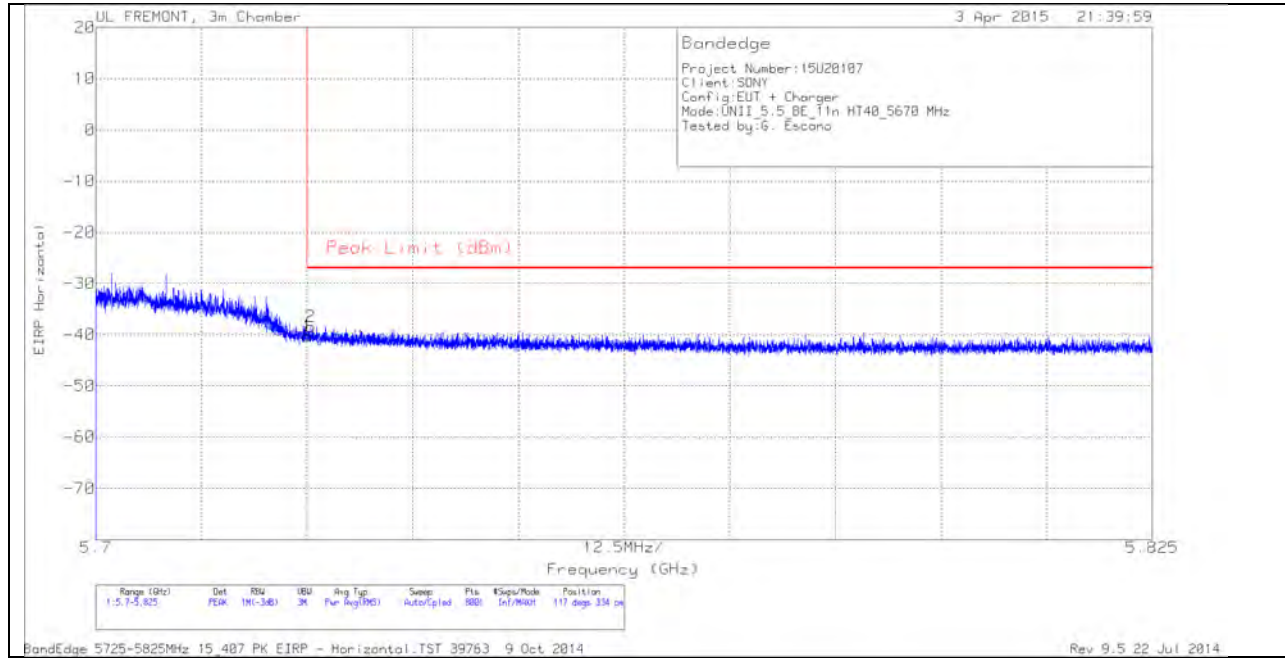
* - indicates frequency in CFR15.205/IC7.2.2 Restricted Band

PK - Peak detector

RMS - RMS detection

AUTHORIZED BANDEDGE (HIGH CHANNEL)

HORIZONTAL PEAK AND AVERAGE PLOT

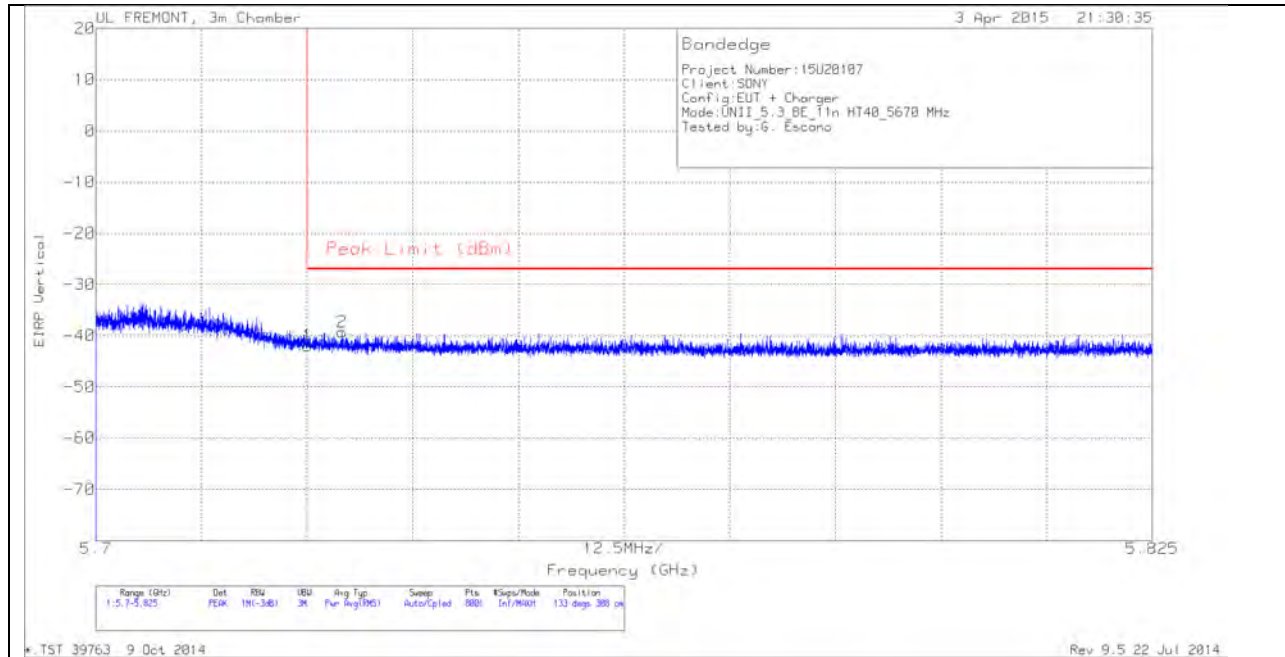


HORIZONTAL DATA

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	-65.72	PK	34.8	-21.1	11.8	-40.22	-27	-13.22	117	334	H
2	5.725	-63.91	PK	34.8	-21.1	11.8	-38.41	-27	-11.41	117	334	H

PK - Peak detector

VERTICAL PEAK AND AVERAGE PLOT



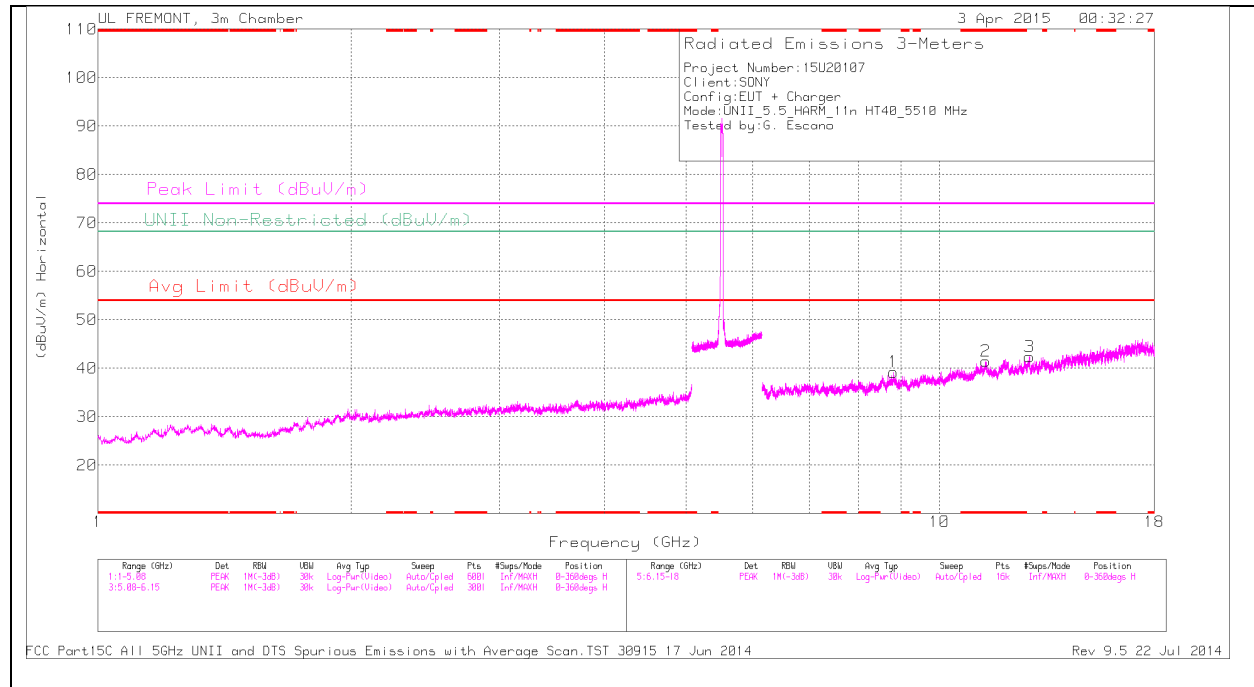
VERTICAL DATA

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	-67.44	PK	34.8	-21.1	11.8	-41.94	-27	-14.94	133	308	V
2	5.729	-64.75	PK	34.8	-21.1	11.8	-39.25	-27	-12.25	133	308	V

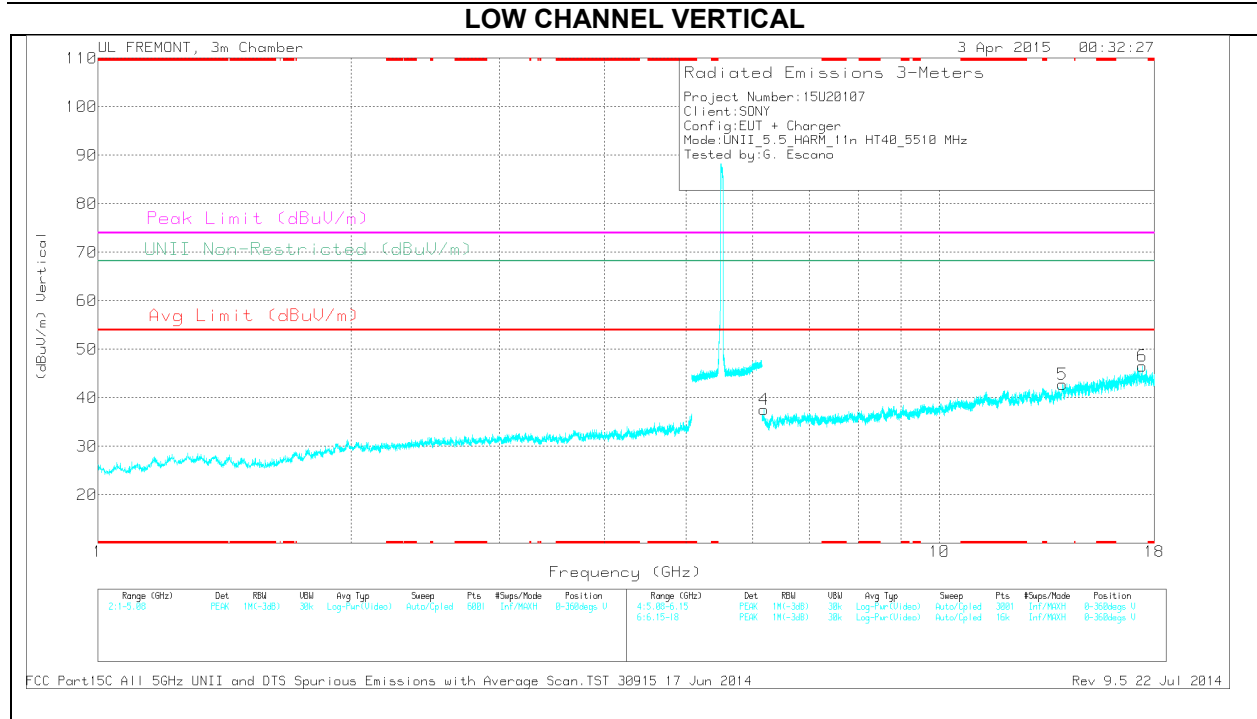
PK - Peak detector

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.



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LOW CHANNEL DATA

TRACE MARKERS

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T119 (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	* 11.36	29.15	PK	38.1	-25.8	0	41.45	-	-	74	-32.55	-	-	0-360	100	H
4	6.188	31.68	PK	35.3	-29.4	0	37.58	-	-	-	-	68.2	-30.62	0-360	100	V
1	8.82	29.01	PK	35.9	-25.7	0	39.21	-	-	-	-	68.2	-28.99	0-360	100	H
3	12.792	29.23	PK	39.1	-25.9	0	42.43	-	-	-	-	68.2	-25.77	0-360	100	H
5	13.999	31.77	PK	38.8	-27.8	0	42.77	-	-	-	-	68.2	-25.43	0-360	100	V
6	17.414	27.58	PK	41.4	-22.4	0	46.58	-	-	-	-	68.2	-21.62	0-360	100	V

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

PK - Peak detector

Radiated Emissions

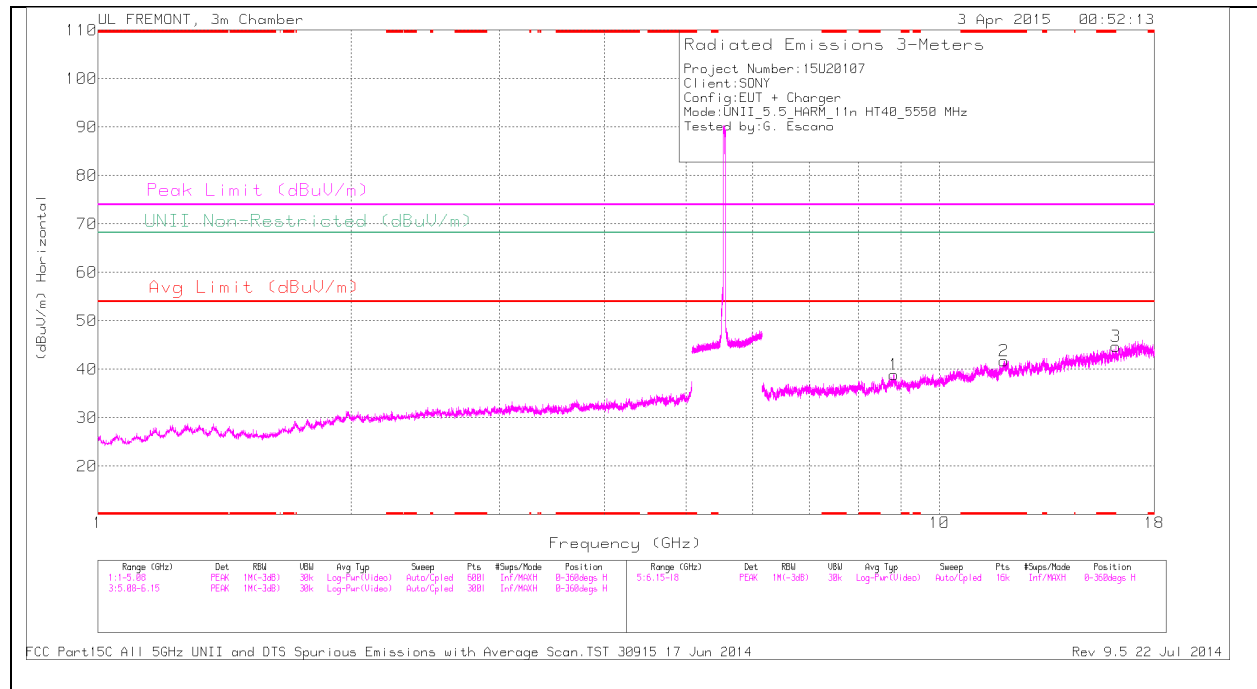
Frequency (GHz)	Meter Reading (dBuV)	Det	AF T119 (dB/m)	Amp/Cbl/Ftr/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
* 11.362	37.34	PK1	38.1	-25.8	0	49.64	-	-	74	-24.36	-	-	138	366	H
* 11.362	25.32	AD1	38.1	-25.8	.12	37.74	54	-16.26	-	-	-	-	138	366	H

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

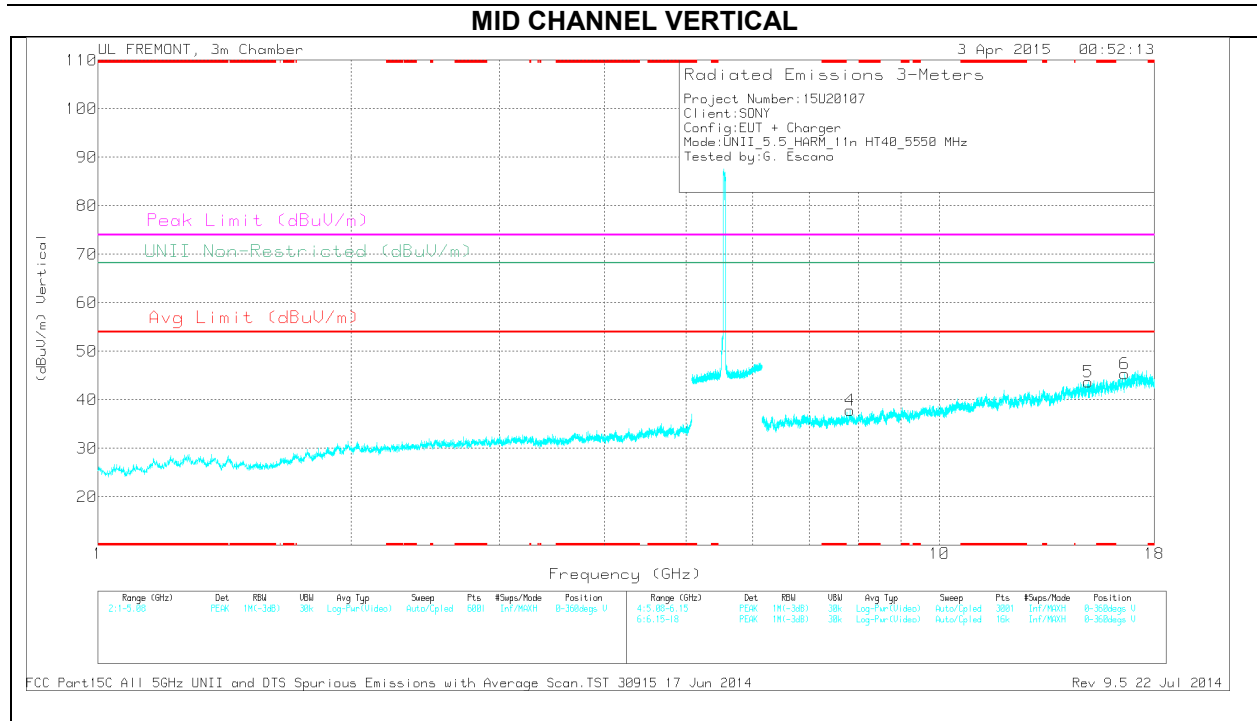
PK1 - KDB789033 Method: Peak

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.



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 T119 (dB/m)	Amp/Cbl/Filtr/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
2	* 11.935	28.97	PK	39.1	-26.3	0	41.77	-	-	74	-32.23	-	-	0-360	100	H
3	* 16.192	29.93	PK	40.4	-25.6	0	44.73	-	-	74	-29.27	-	-	0-360	100	H
4	7.834	29.89	PK	35.8	-27.8	0	37.89	-	-	-	-	68.2	-30.31	0-360	100	V
1	8.828	28.85	PK	35.9	-25.9	0	38.85	-	-	-	-	68.2	-29.35	0-360	200	H
5	15.014	30.71	PK	39.8	-26.8	0	43.71	-	-	-	-	68.2	-24.49	0-360	100	V
6	16.603	28.52	PK	41	-24.2	0	45.32	-	-	-	-	68.2	-22.88	0-360	100	V

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

PK - Peak detector

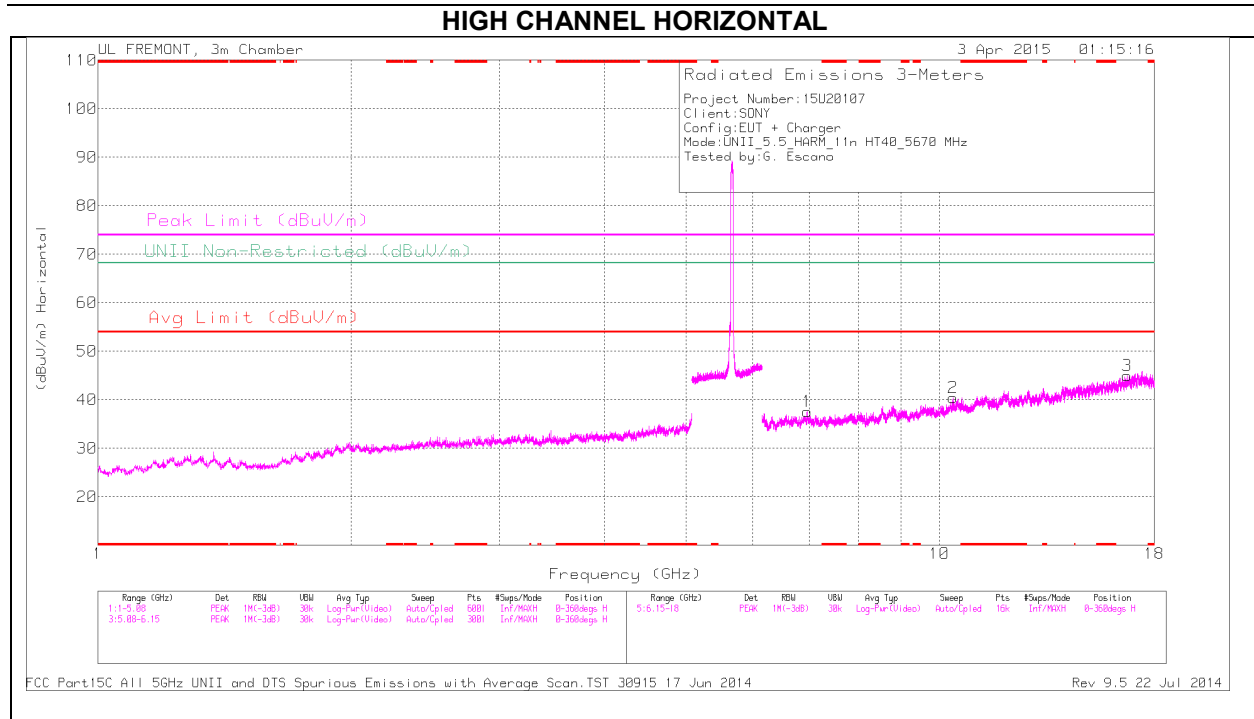
Radiated Emissions

Frequency (GHz)	Meter Reading (dBuV)	Det	AF T119 (dB/m)	Amp/Cbl/Filtr/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
* 11.936	38.72	PK1	39.1	-26.3	0	51.52	-	-	74	-22.48	-	-	72	350	H
* 11.934	25.99	AD1	39.1	-26.3	.12	38.91	54	-15.09	-	-	-	-	72	350	H
* 16.193	38.52	PK1	40.4	-25.6	0	53.32	-	-	74	-20.68	-	-	183	153	H
* 16.194	26.45	AD1	40.4	-25.6	.12	41.37	54	-12.63	-	-	-	-	183	153	H

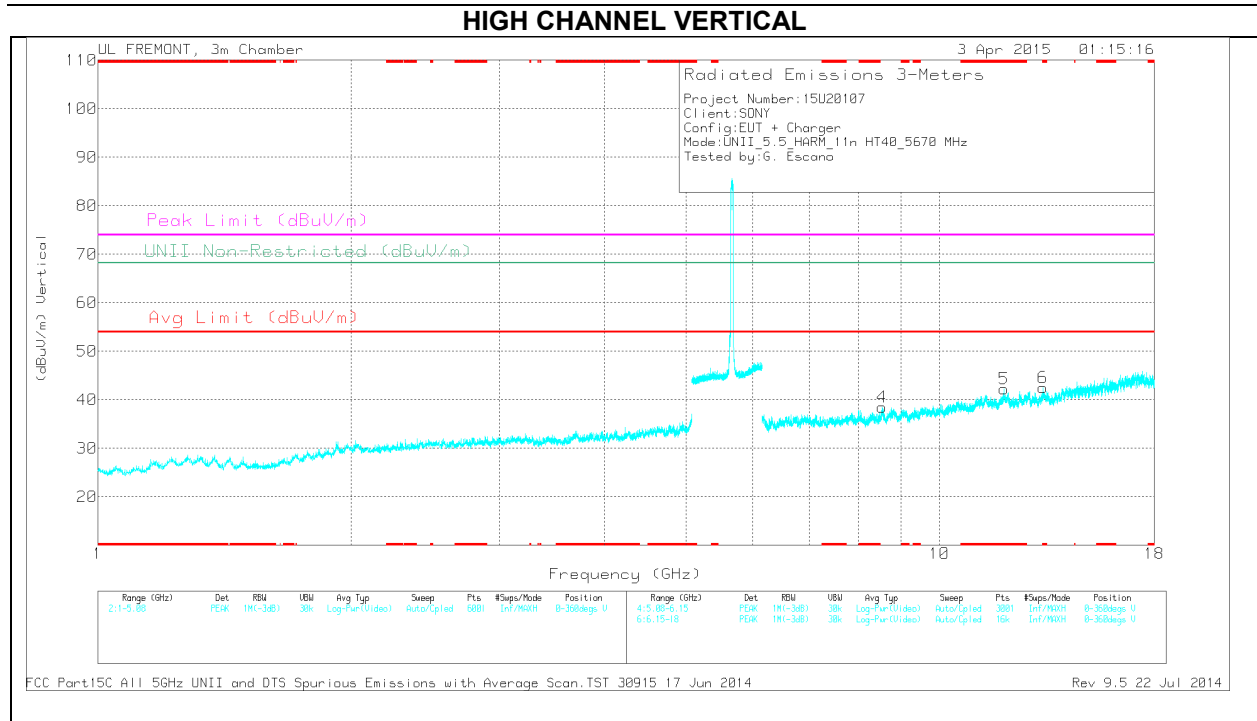
* - indicates frequency in CFR 47, Part 15 and Industry Canada RSS-Restricted Band.

PK1 - KDB789033 Method: Peak

AD1 - KDB789033 Method: AD Primary Power Average



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 T119 (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
5	* 11.927	29.39	PK	39.1	-26.2	0	42.29	-	-	74	-31.71	-	-	0-360	100	V
6	* 13.273	29.58	PK	39	-26.1	0	42.48	-	-	74	-31.52	-	-	0-360	200	V
1	6.96	30.42	PK	35.6	-28.4	0	37.62	-	-	-	-	68.2	-30.58	0-360	200	H
4	8.548	28.7	PK	35.8	-26	0	38.5	-	-	-	-	68.2	-29.7	0-360	100	V
2	10.379	28.8	PK	37.2	-25.6	0	40.4	-	-	-	-	68.2	-27.8	0-360	100	H
3	16.722	28.51	PK	41.2	-24.7	0	45.01	-	-	-	-	68.2	-23.19	0-360	200	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 T119 (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
* 11.927	38.29	PK1	39.1	-26.2	0	51.19	-	-	74	-22.81	-	-	181	192	V
* 11.927	25.99	AD1	39.1	-26.2	.12	39.01	54	-14.99	-	-	-	-	181	192	V
* 13.273	38.73	PK1	39	-26.1	0	51.63	-	-	74	-22.37	-	-	286	114	V
* 13.275	26.84	AD1	39	-26.1	.12	39.86	54	-14.14	-	-	-	-	286	114	V

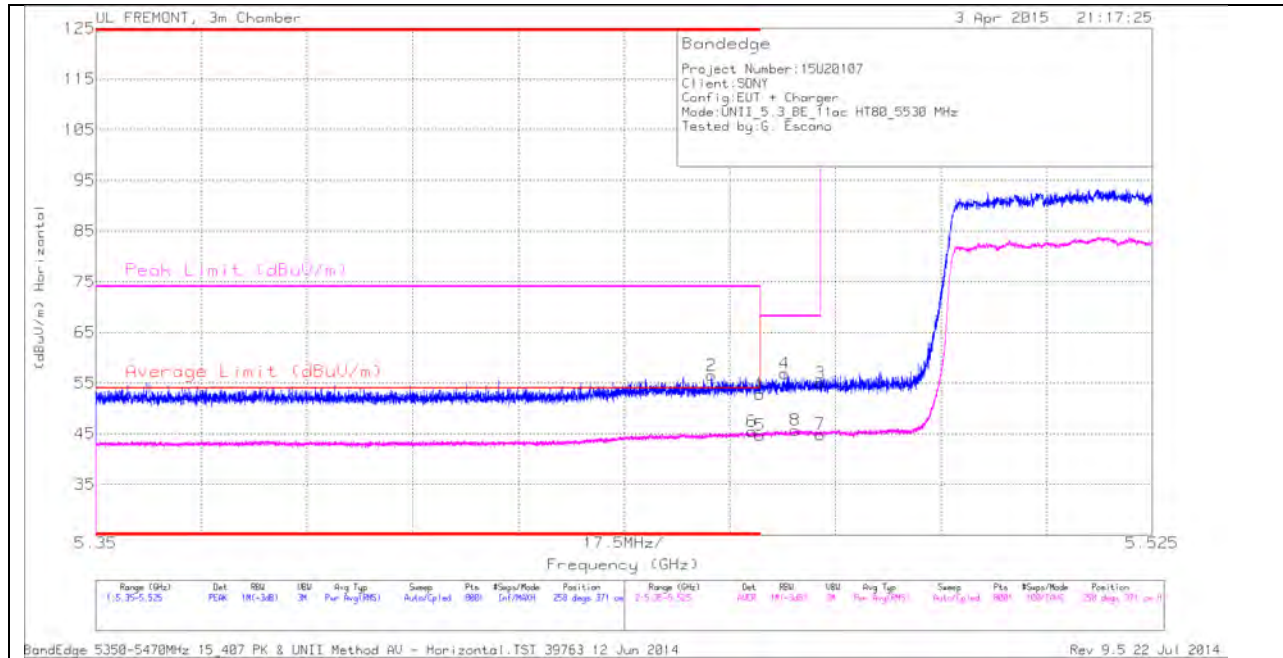
* - indicates frequency in CFR 47, Part 15 and Industry Canada RSS-Restricted Band.

PK1 - KDB789033 Method: Peak

AD1 - KDB789033 Method: AD Primary Power Average

11.2.4. 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

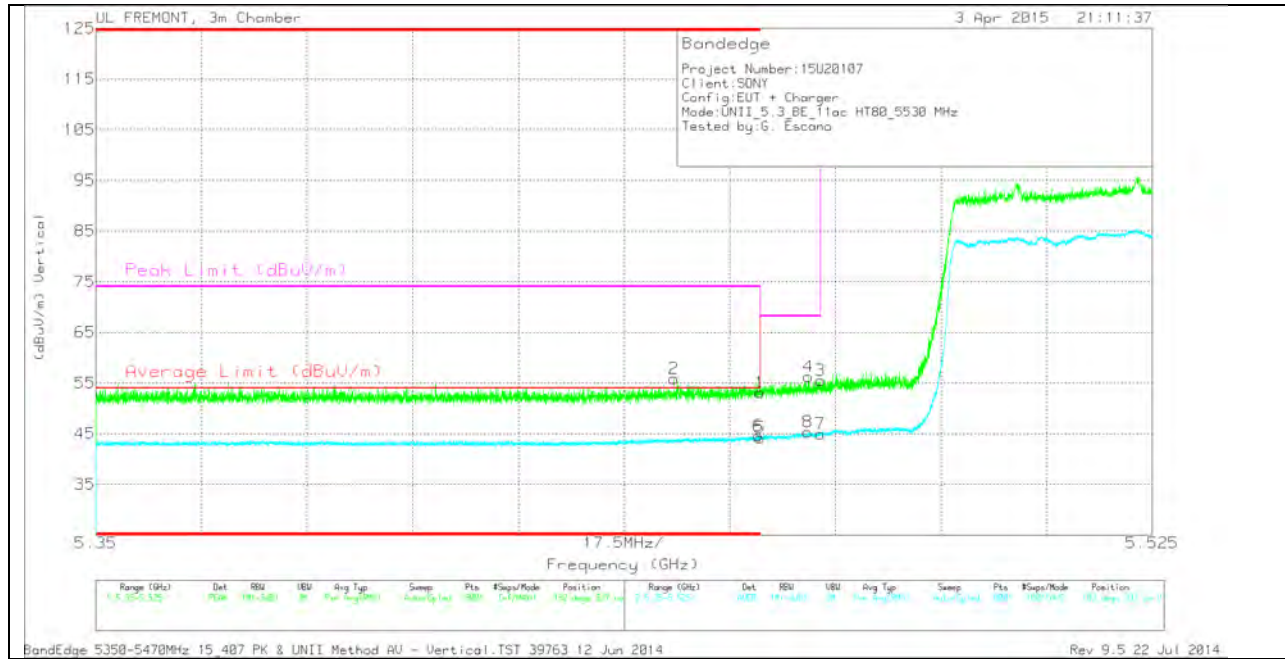
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AFT119 (dB/m)	Amp/Cbl/Fit r/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
2	* 5.452	43.27	PK	34.6	-21.4	0	56.47	-	-	74	-17.53	258	371	H
6	* 5.459	32.14	RMS	34.6	-21.4	.23	45.57	54	-8.43	-	-	258	371	H
1	* 5.46	39.52	PK	34.6	-21.4	0	52.72	-	-	74	-21.28	258	371	H
5	* 5.46	31.42	RMS	34.6	-21.4	.23	44.85	54	-9.15	-	-	258	371	H
4	5.464	43.69	PK	34.6	-21.4	0	56.89	-	-	68.2	-11.31	258	371	H
8	5.466	32.31	RMS	34.6	-21.3	.23	45.74	-	-	-	-	258	371	H
3	5.47	41.75	PK	34.6	-21.3	0	55.05	-	-	68.2	-13.15	258	371	H
7	5.47	31.46	RMS	34.6	-21.3	.23	44.89	-	-	-	-	258	371	H

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

PK - Peak detector

RMS - RMS detection

VERTICAL PEAK AND AVERAGE PLOT



VERTICAL DATA

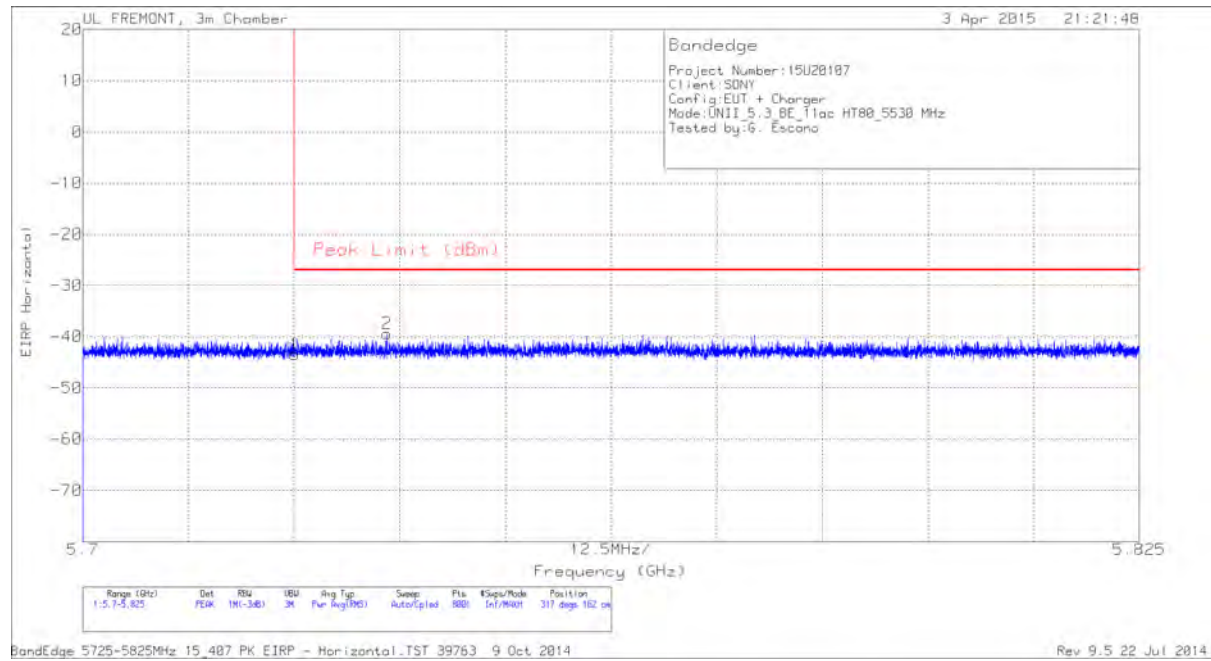
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T119 (dB/m)	Amp/Cbl/Fit r/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
2	* 5.446	42.71	PK	34.6	-21.4	0	55.91	-	-	74	-18.09	182	337	V
1	* 5.46	39.95	PK	34.6	-21.4	0	53.15	-	-	74	-20.85	182	337	V
5	* 5.46	30.88	RMS	34.6	-21.4	.23	44.31	54	-9.89	-	-	182	337	V
6	* 5.46	31.22	RMS	34.6	-21.4	.23	44.65	54	-9.35	-	-	182	337	V
4	5.468	42.9	PK	34.6	-21.3	0	56.2	-	-	68.2	-12	182	337	V
8	5.468	31.84	RMS	34.6	-21.3	.23	45.37	-	-	-	-	182	337	V
3	5.47	42.26	PK	34.6	-21.3	0	55.56	-	-	68.2	-12.64	182	337	V
7	5.47	31.48	RMS	34.6	-21.3	.23	45.01	-	-	-	-	182	337	V

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

PK - Peak detector

RMS - RMS detection

HORIZONTAL PEAK PLOT

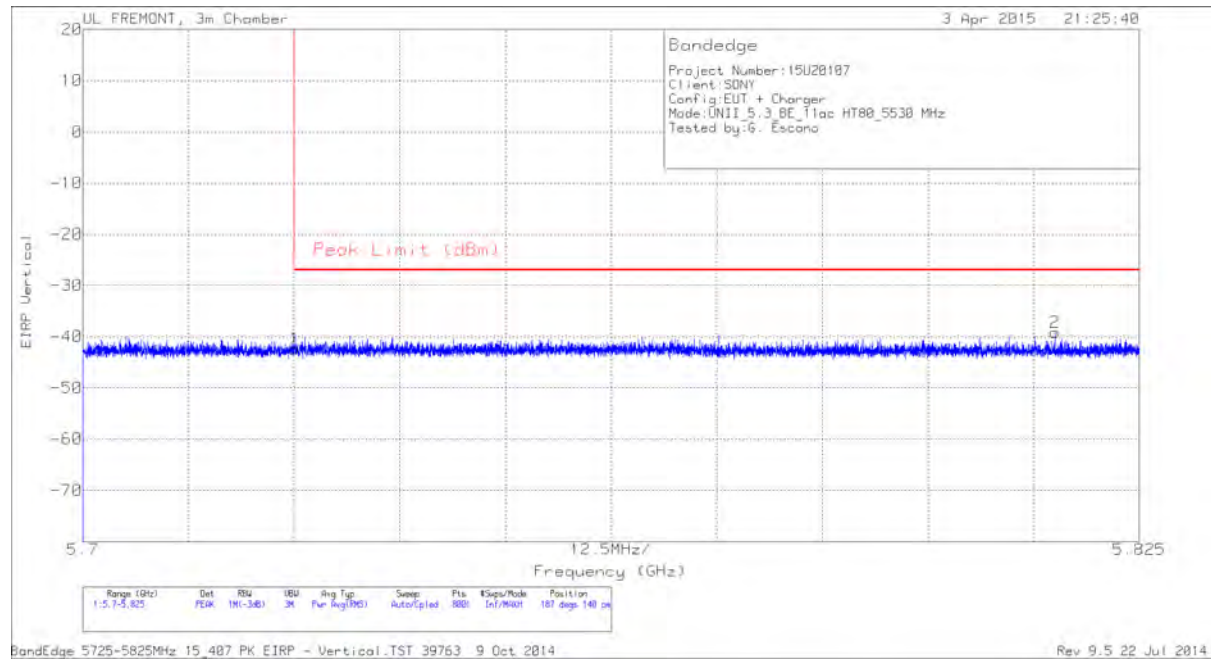


HORIZONTAL DATA

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	-68.95	PK	34.8	-21.1	11.8	-43.45	-27	-16.45	317	162	H
2	5.736	-64.85	PK	34.8	-21.1	11.8	-39.35	-27	-12.35	317	162	H

PK - Peak detector

VERTICAL PEAK PLOT



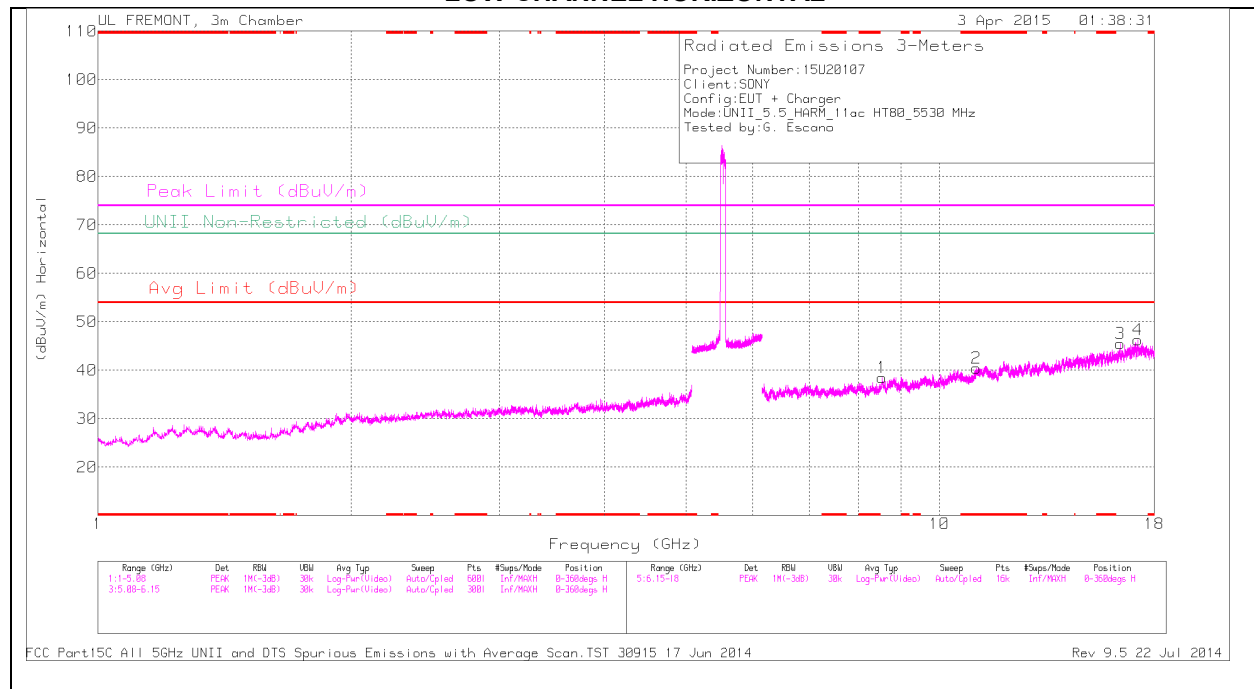
VERTICAL DATA

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	-67.84	PK	34.8	-21.1	11.8	-42.34	-27	-15.34	187	140	V
2	5.815	-64.61	PK	34.9	-21.3	11.8	-39.21	-27	-12.21	187	140	V

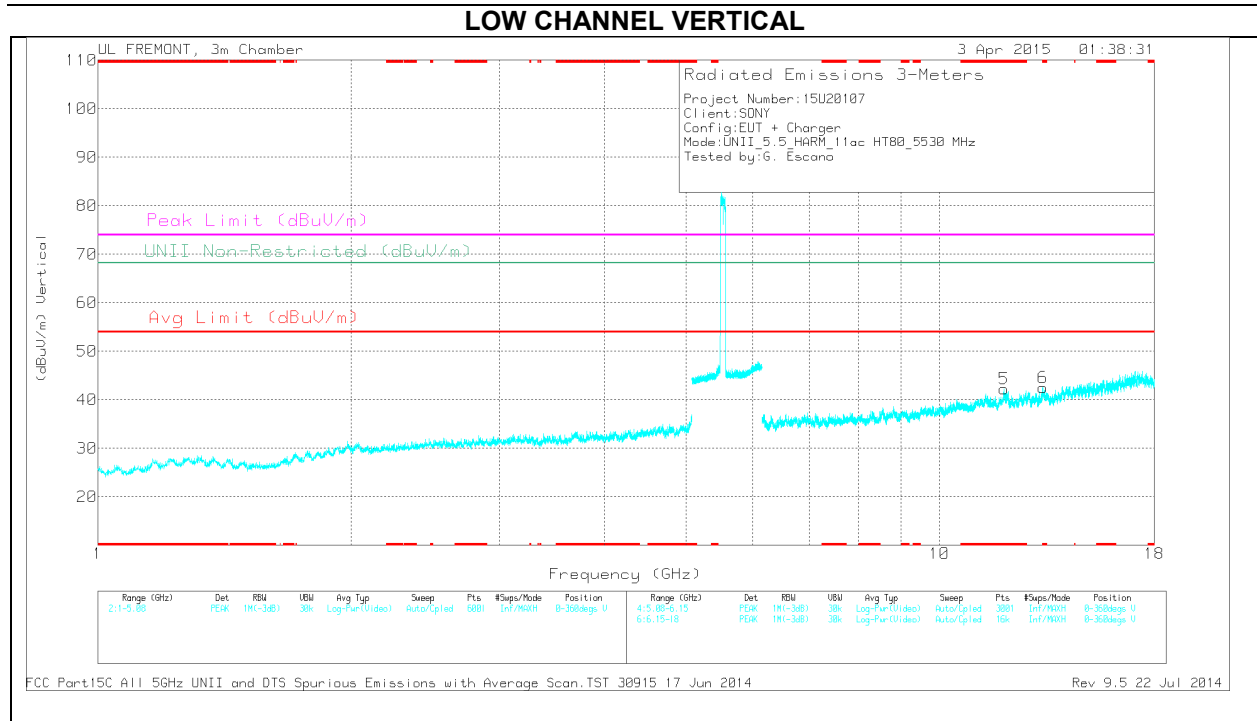
PK - Peak detector

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.



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 T119 (dB/m)	Amp/Cbl/Filtr/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
2	* 11.061	27.77	PK	37.8	-25.1	0	40.47	-	-	74	-33.53	-	-	0-360	200	H
5	* 11.936	29.49	PK	39.1	-26.3	0	42.29	-	-	74	-31.71	-	-	0-360	100	V
6	* 13.282	29.68	PK	39	-26.2	0	42.48	-	-	74	-31.52	-	-	0-360	200	V
1	8.552	28.64	PK	35.8	-26	0	38.44	-	-	-	-	68.2	-29.76	0-360	100	H
3	16.396	28.9	PK	40.7	-24.1	0	45.5	-	-	-	-	68.2	-22.7	0-360	100	H
4	17.218	28.01	PK	41.3	-23	0	46.31	-	-	-	-	68.2	-21.89	0-360	100	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 T119 (dB/m)	Amp/Cbl/Filtr/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
* 11.061	36.47	PK1	37.8	-25.1	0	49.17	-	-	74	-24.83	-	-	348	338	H
* 11.059	24.71	AD1	37.8	-25.1	.23	37.64	54	-16.36	-	-	-	-	348	338	H
* 11.935	37.86	PK1	39.1	-26.3	0	50.66	-	-	74	-23.34	-	-	0	340	V
* 11.935	25.95	AD1	39.1	-26.3	.23	38.98	54	-15.02	-	-	-	-	0	340	V
* 13.284	38.83	PK1	39	-26.3	0	51.53	-	-	74	-22.47	-	-	331	356	V
* 13.283	26.74	AD1	39	-26.2	.23	39.77	54	-14.23	-	-	-	-	331	356	V

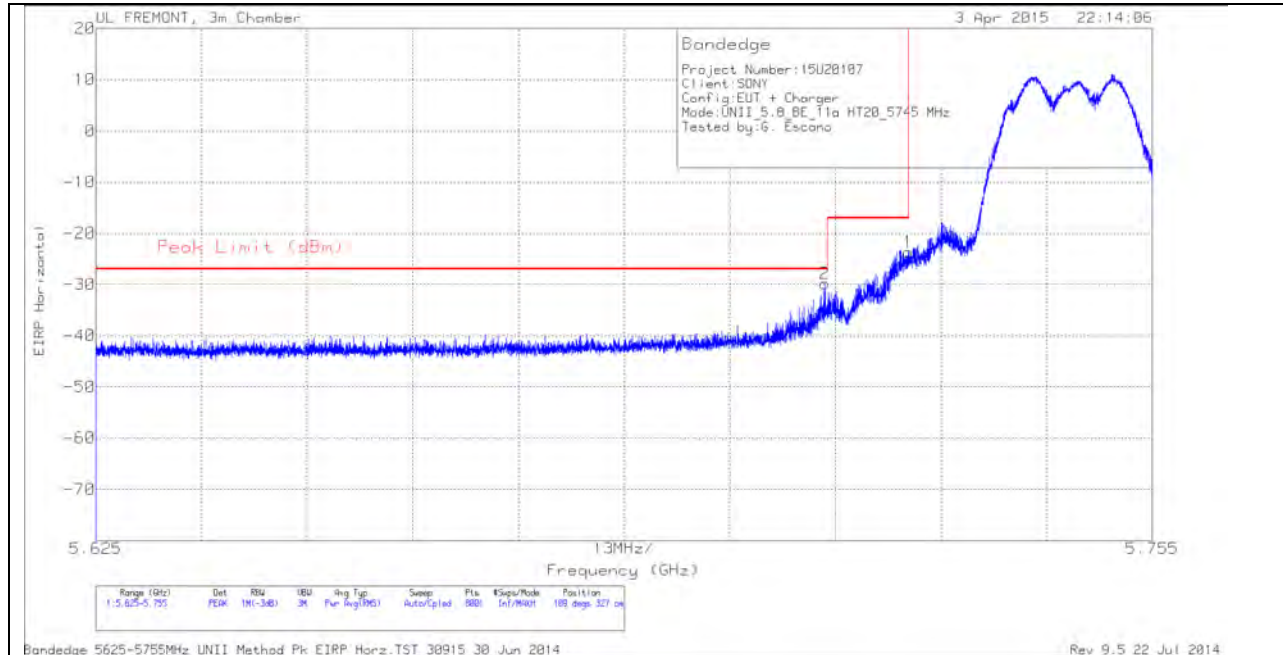
* - indicates frequency in CFR 47, Part 15 and Industry Canada RSS-Restricted Band.

PK1 - KDB789033 Method: Peak

AD1 - KDB789033 Method: AD Primary Power Average

11.3. 5.8 GHz

11.3.1. TX ABOVE 1 GHz 802.11a MODE IN THE 5.8 GHz BAND HARMONICS AND SPURIOUS EMISSIONS HORIZONTAL PEAK PLOT

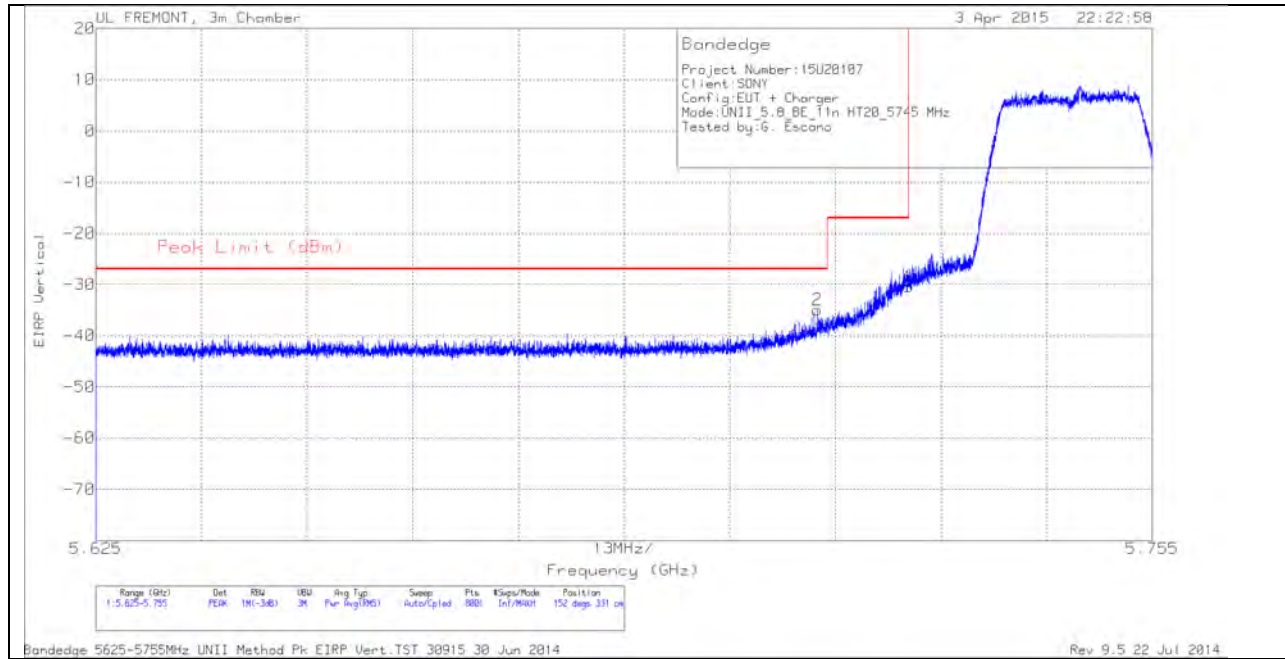


HORIZONTAL DATA

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	-55.34	PK	34.8	-21.1	11.8	-29.84	-27	-2.84	109	327	H
1	5.725	-49.17	PK	34.8	-21.1	11.8	-23.67	-17	-6.67	109	327	H

PK - Peak detector

VERTICAL PEAK PLOT



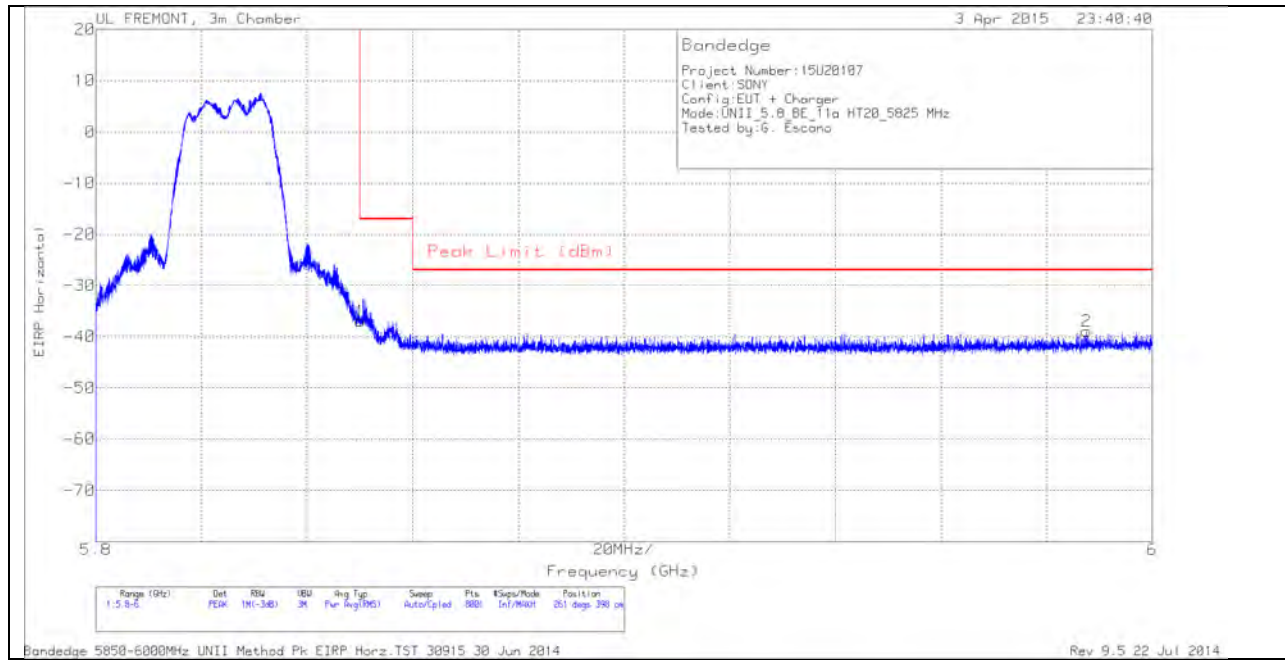
VERTICAL DATA

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	5.714	-60.53	PK	34.8	-21	11.8	-34.93	-27	-7.93	152	331	V
1	5.725	-55.89	PK	34.8	-21.1	11.8	-30.39	-17	-13.39	152	331	V

PK - Peak detector

AUTHORIZED BANDEDGE (HIGH CHANNEL)

HORIZONTAL PEAK PLOT

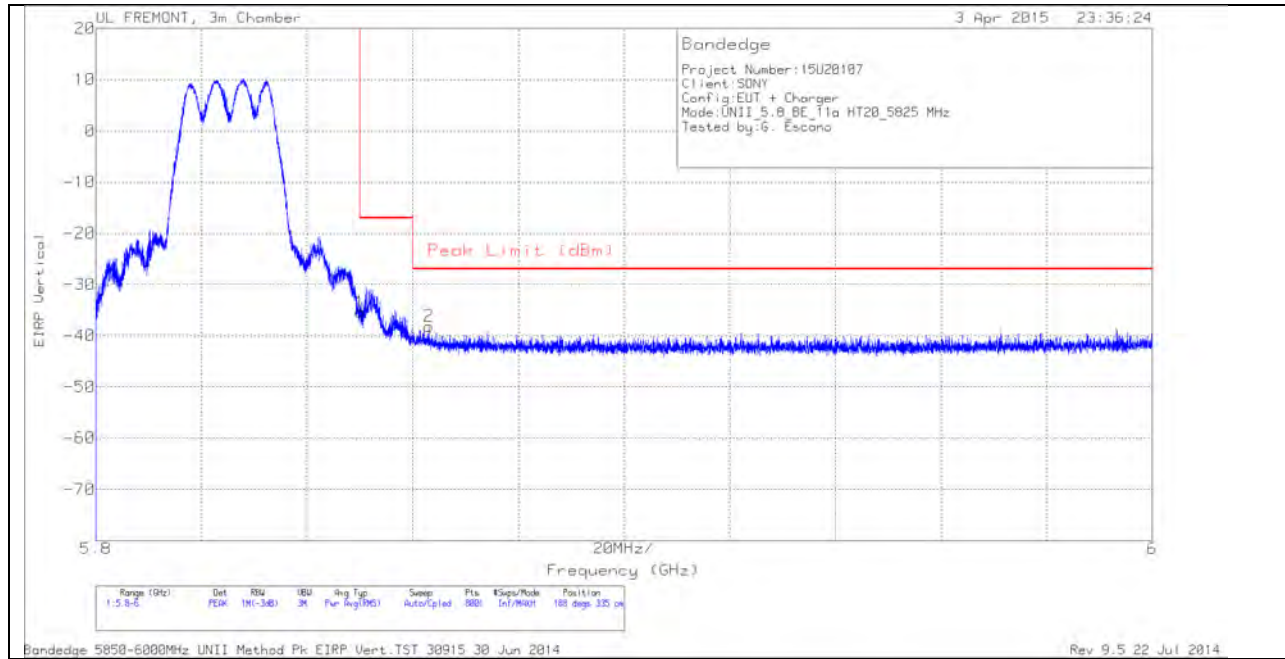


HORIZONTAL DATA

Marker	Frequency (GHz)	Meter Reading (dBm)	Det	AF T119 (dB/m)	Amp/Cb/F ltr/Pad (dB)	Conversion Factor (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.85	-62.35	PK	34.9	-21.3	11.8	-36.95	-17	-19.95	261	398	H
2	5.988	-65.06	PK	35.2	-20.9	11.8	-38.96	-27	-11.96	261	398	H

PK - Peak detector

VERTICAL PEAK PLOT

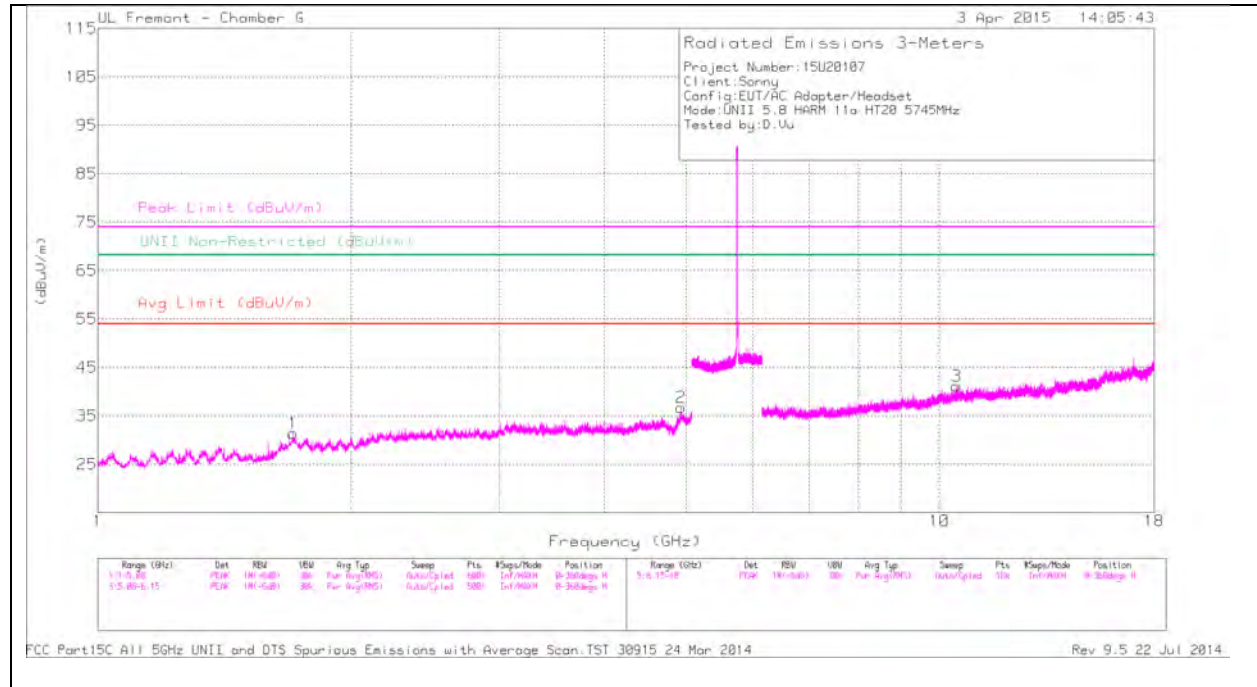


VERTICAL DATA

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	-60.73	PK	34.9	-21.3	11.8	-35.33	-17	-18.33	188	335	V
2	5.863	-63.52	PK	34.9	-21.3	11.8	-38.12	-27	-11.12	188	335	V

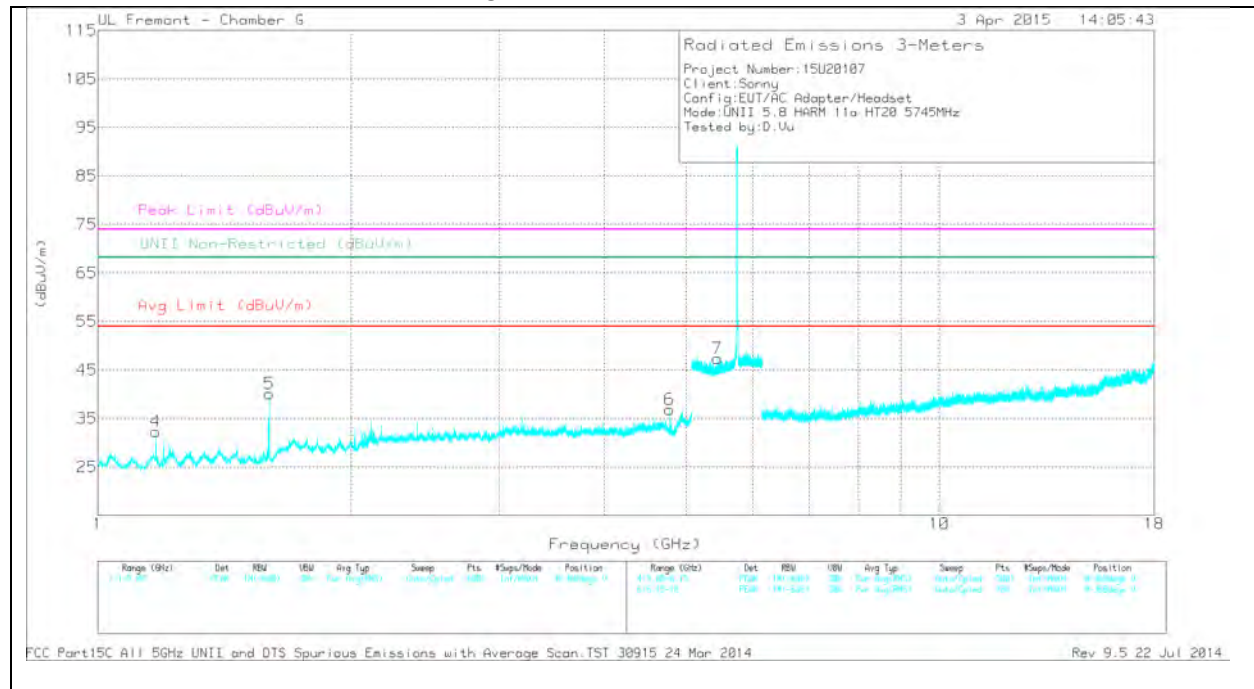
PK - Peak detector

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 T711 (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	* 1.708	35.01	PK	30.7	-34.3	0	31.41	-	-	74	-42.59	-	-	0-360	101	H
2	* 4.932	34.58	PK	33.9	-31.7	0	36.78	-	-	74	-37.22	-	-	0-360	101	H
4	* 1.172	40.07	PK	27.7	-35.5	0	32.27	-	-	74	-41.73	-	-	0-360	101	V
5	* 1.598	47.77	PK	27.7	-35.3	0	40.17	-	-	74	-33.83	-	-	0-360	101	V
6	* 4.78	35.64	PK	34	-32.8	0	36.84	-	-	74	-37.16	-	-	0-360	201	V
7	* 5.446	36.43	PK	34.5	-23.6	0	47.33	-	-	74	-26.67	-	-	0-360	201	V
3	10.479	30.32	PK	38.1	-27.3	0	41.12	-	-	-	-	68.2	-27.08	0-360	101	H

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

PK - Peak detector

Radiated Emissions

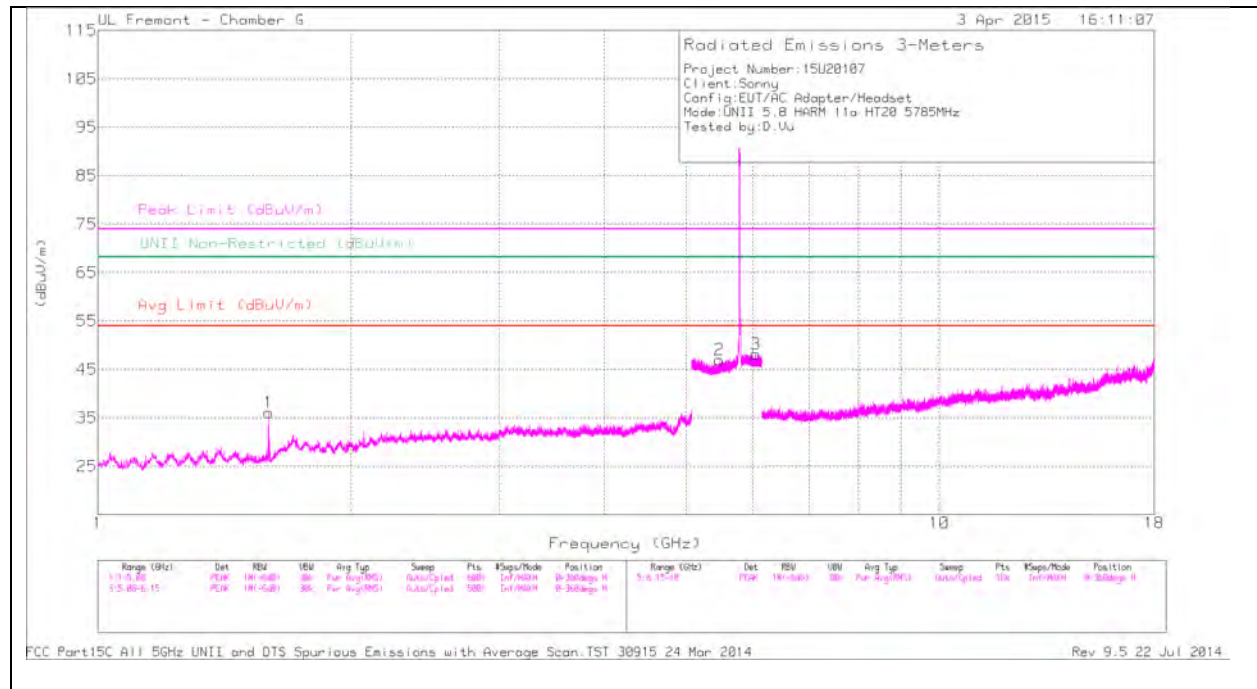
Frequency (GHz)	Meter Reading (dBuV)	Det	AF T711 (dB/m)	Amp/Cbl/Ftr/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
* 4.781	40.47	PK1	34	-32.8	0	41.67	-	-	74	-32.33	-	-	360	202	V
* 4.782	29.78	AD1	34	-32.8	0	31.02	54	-22.98	-	-	-	-	360	202	H
* 4.782	40.43	PK1	34	-32.8	0	41.63	-	-	74	-32.37	-	-	360	202	H
* 4.78	29.69	AD1	34	-32.8	0	30.93	54	-23.07	-	-	-	-	360	202	H

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

PK1 - KDB789033 Method: Peak

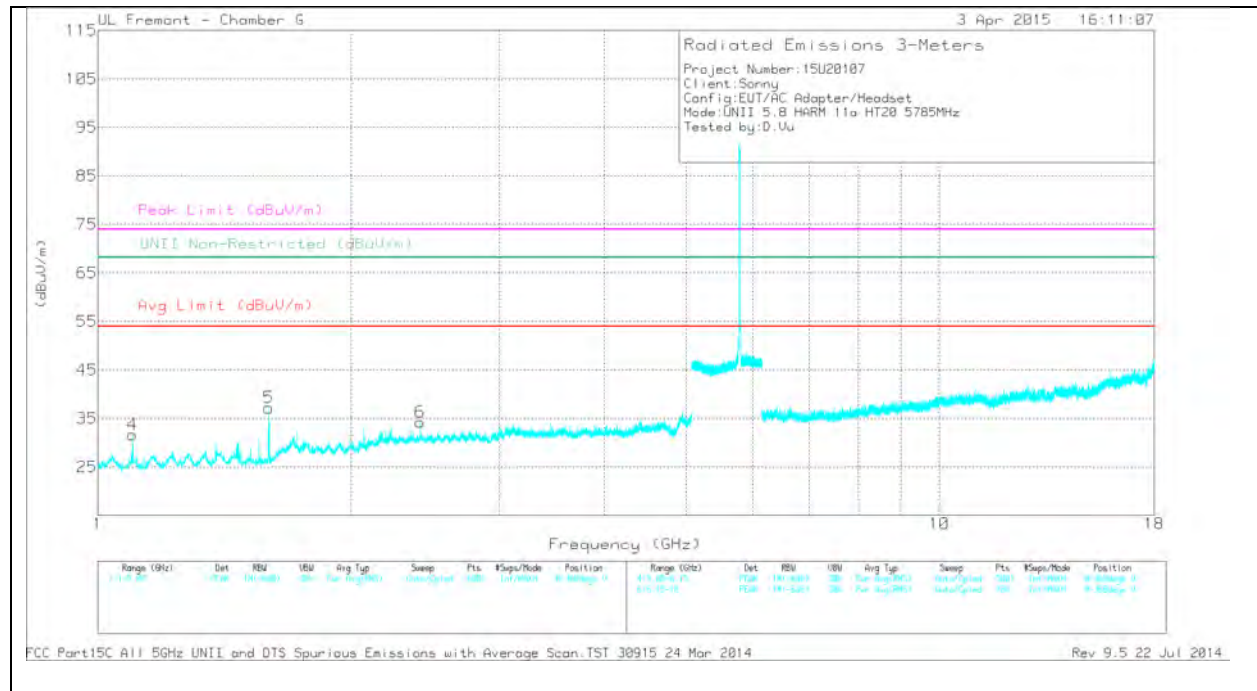
AD1 - KDB789033 Method: AD Primary Power Average

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 T711 (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	* 1.596	43.64	PK	27.7	-35.3	0	36.04	-	-	74	-37.96	-	-	0-360	201	H
4	* 1.099	40.59	PK	26.8	-35.7	0	31.69	-	-	74	-42.31	-	-	0-360	201	V
5	* 1.596	44.8	PK	27.7	-35.3	0	37.2	-	-	74	-36.8	-	-	0-360	201	V
6	2.415	36.67	PK	32.1	-34.5	0	34.27	-	-	-	-	68.2	-33.93	0-360	201	V
2	5.476	35.98	PK	34.6	-23.6	0	46.98	-	-	-	-	68.2	-21.22	0-360	201	H
3	6.047	35.99	PK	35.6	-23.4	0	48.19	-	-	-	-	68.2	-20.01	0-360	201	H

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

PK - Peak detector

Radiated Emissions

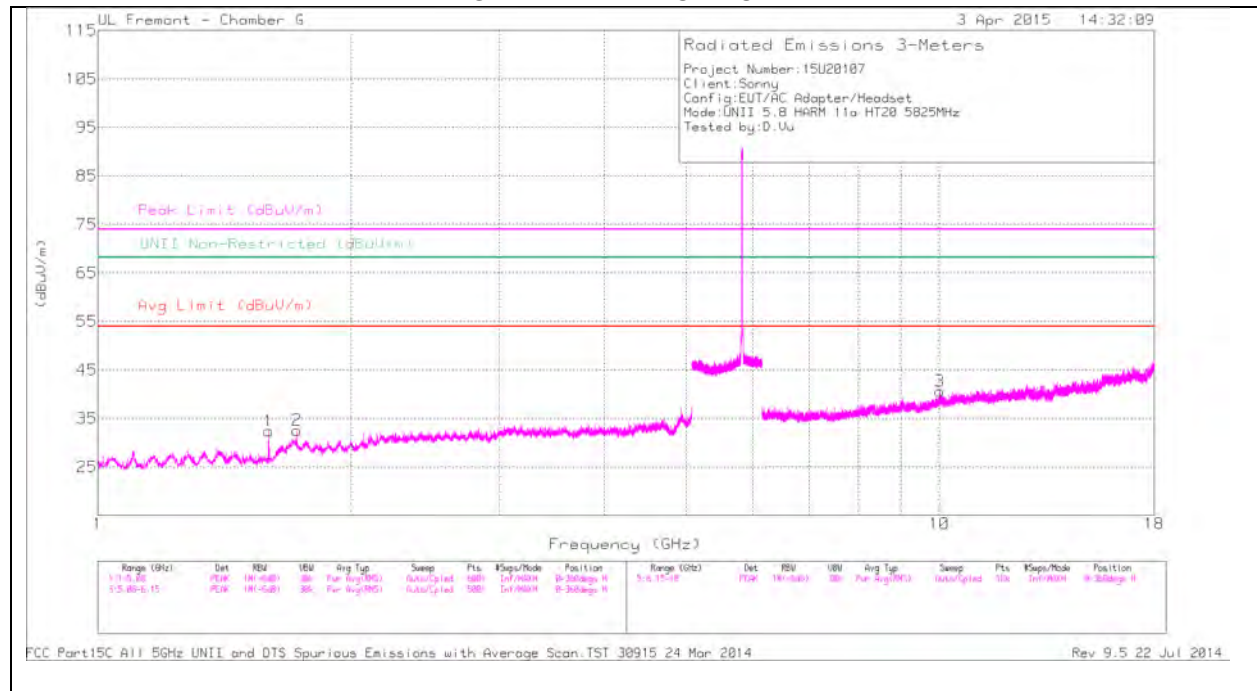
Frequency (GHz)	Meter Reading (dBuV)	Det	AF T711 (dB/m)	Amp/Cbl/Fitr/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
* 1.595	45.83	PK1	27.7	-35.3	0	38.23	-	-	74	-35.77	-	-	360	202	H
* 1.597	31.59	AD1	27.7	-35.3	0	24.04	54	-29.96	-	-	-	-	360	202	H
* 1.597	46.01	PK1	27.7	-35.3	0	38.41	-	-	74	-35.59	-	-	360	202	V
* 1.598	31.52	AD1	27.7	-35.3	0	23.97	54	-30.03	-	-	-	-	360	202	H

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

PK1 - KDB789033 Method: Peak

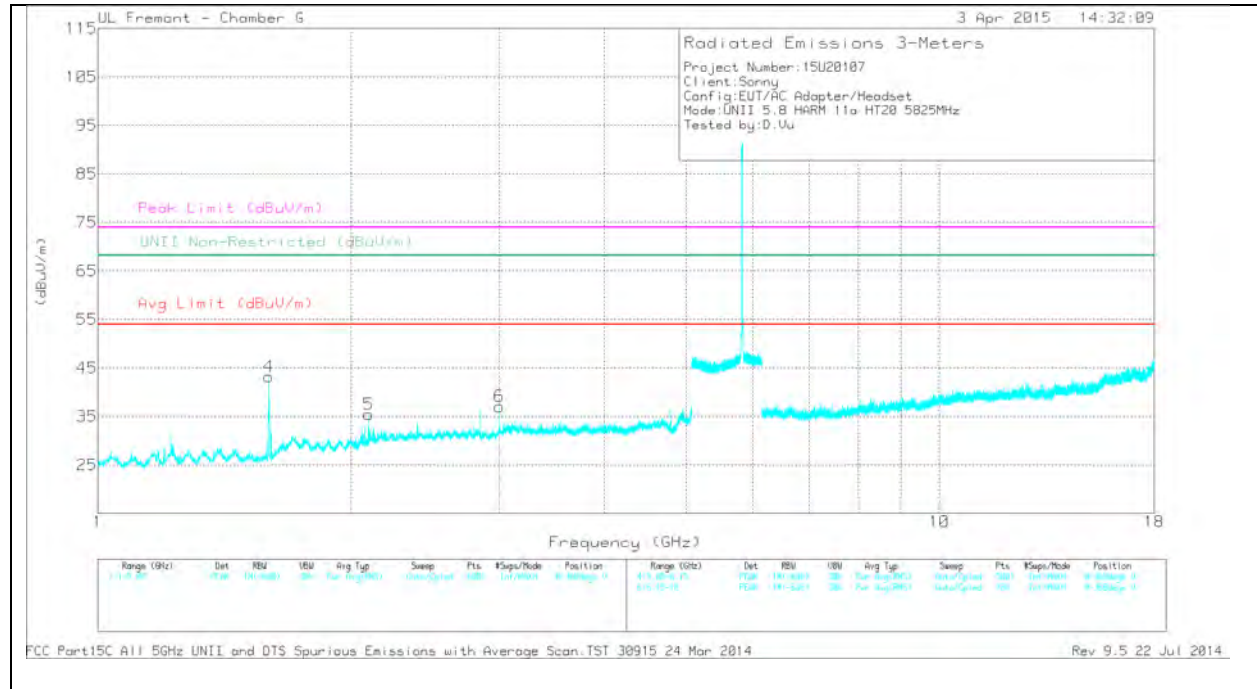
AD1 - KDB789033 Method: AD Primary Power Average

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.

HIGH CHANNEL DATA

TRACE MARKERS

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T711 (dB/m)	Amp/Cbl/Filr/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 1.596	40.05	PK	27.7	-35.3	0	32.45	-	-	74	-41.55	-	-	0-360	101	H
4	* 1.596	50.88	PK	27.7	-35.3	0	43.28	-	-	74	-30.72	-	-	0-360	201	V
2	1.725	36.64	PK	30.6	-34.6	0	32.64	-	-	-	-	68.2	-35.56	0-360	101	H
5	2.096	39.14	PK	31.2	-34.9	0	35.44	-	-	-	-	68.2	-32.76	0-360	201	V
6	3	38.57	PK	32.7	-34.2	0	37.07	-	-	-	-	68.2	-31.13	0-360	201	V
3	10.018	30.39	PK	37.8	-27.5	0	40.69	-	-	-	-	68.2	-27.51	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 T711 (dB/m)	Amp/Cbl/Filr/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
* 1.595	43.95	PK1	27.7	-35.3	0	36.35	-	-	74	-37.65	-	-	360	202	V
* 1.595	31.56	AD1	27.7	-35.3	0	23.96	54	-30.04	-	-	-	-	360	202	V

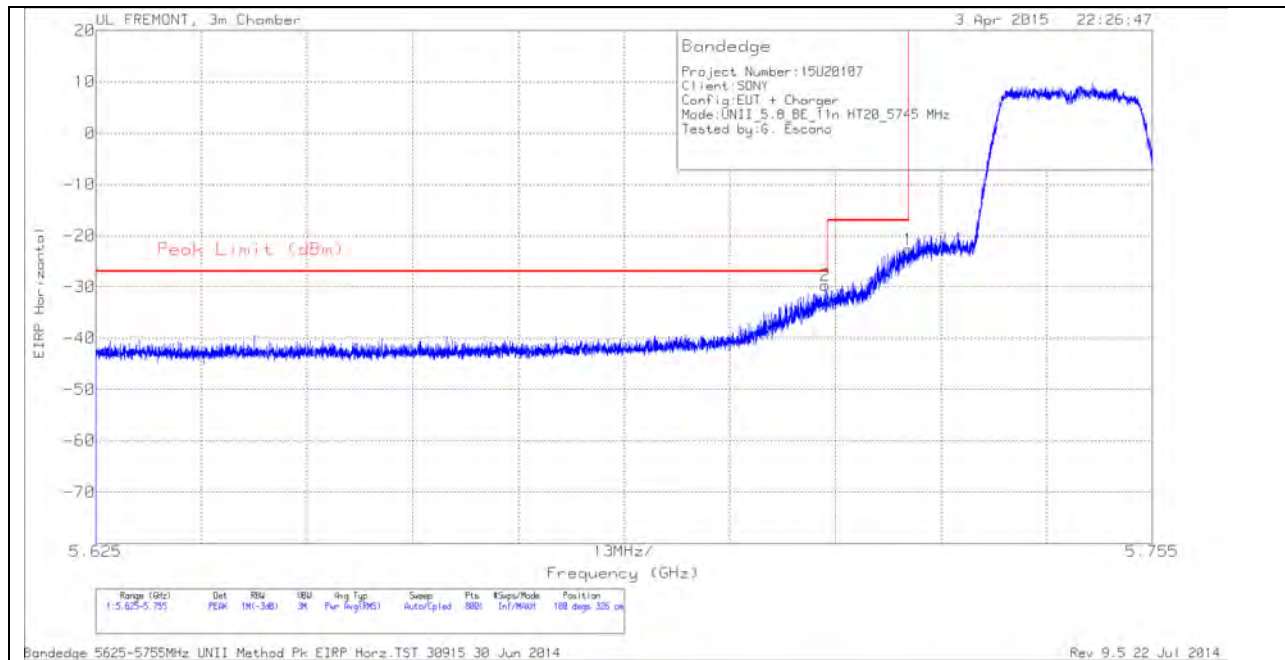
* - indicates frequency in CFR 47, Part 15 and Industry Canada RSS-Restricted Band.

Avg - Video bandwidth < Resolution bandwidth

PK1 - KDB789033 Method: Peak

AD1 - KDB789033 Method: AD Primary Power Average

11.3.2. TX ABOVE 1 GHz 802.11n HT20 MODE IN THE 5.8 GHz BAND HARMONICS AND SPURIOUS EMISSIONS HORIZONTAL PEAK PLOT

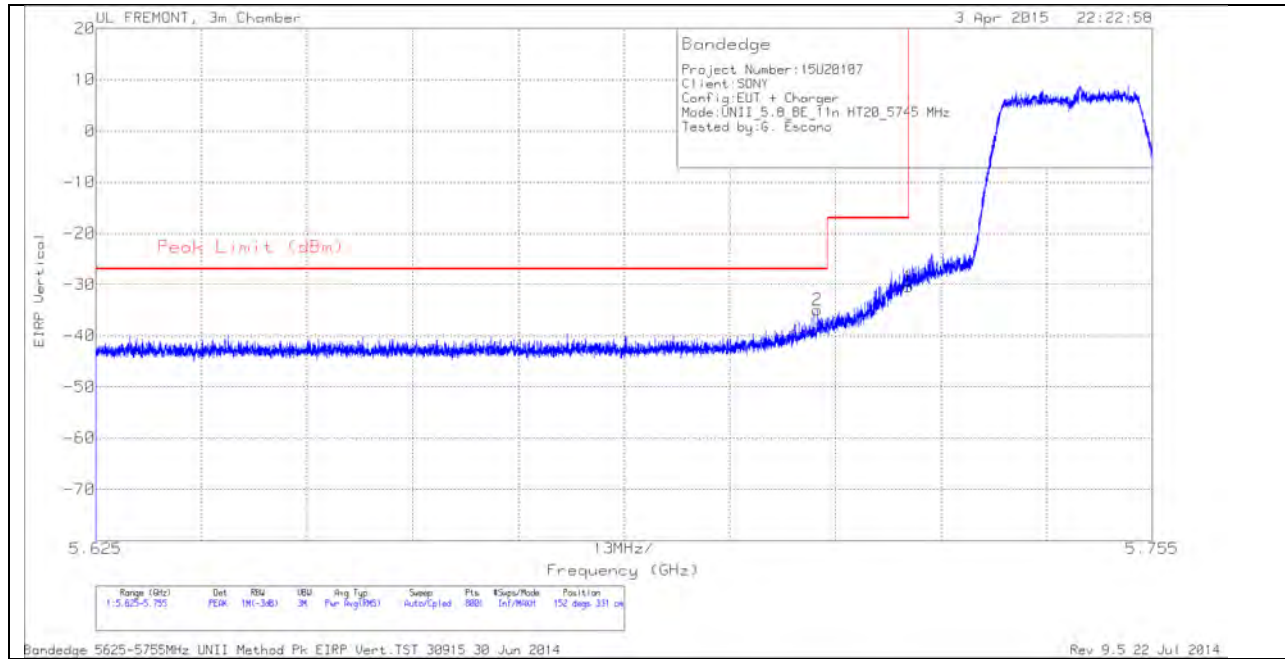


HORIZONTAL DATA

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	-55.25	PK	34.8	-21.1	11.8	-29.75	-27	-2.75	100	326	H
1	5.725	-48.26	PK	34.8	-21.1	11.8	-22.76	-17	-5.76	100	326	H

PK - Peak detector

VERTICAL PEAK PLOT



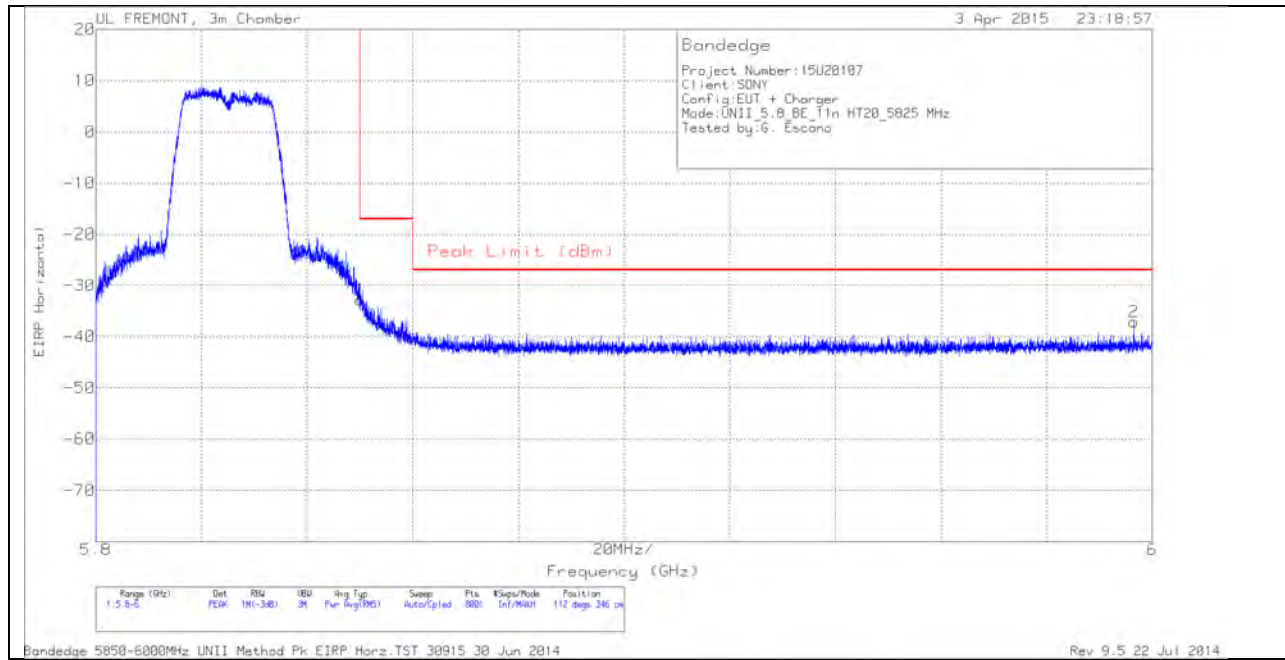
VERTICAL DATA

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	5.714	-60.53	PK	34.8	-21	11.8	-34.93	-27	-7.93	152	331	V
1	5.725	-55.89	PK	34.8	-21.1	11.8	-30.39	-17	-13.39	152	331	V

PK - Peak detector

AUTHORIZED BANDEDGE (HIGH CHANNEL)

HORIZONTAL PEAK AND AVERAGE PLOT

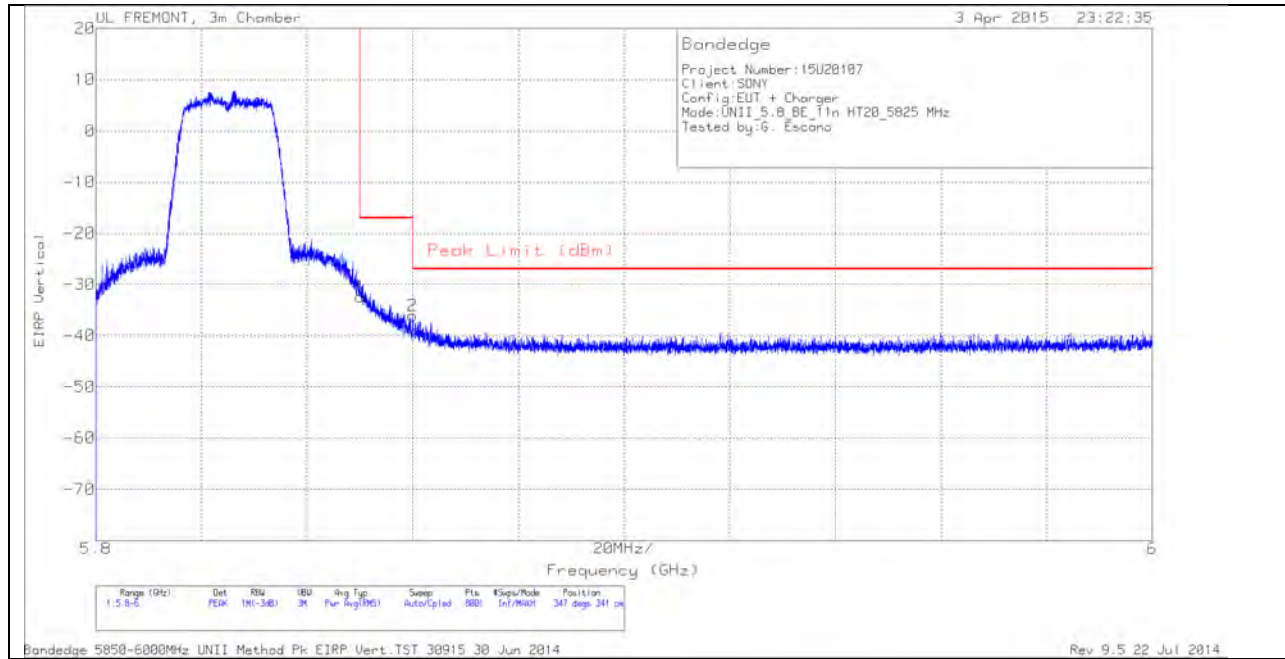


HORIZONTAL DATA

Marker	Frequency (GHz)	Meter Reading (dBm)	Det	AF T119 (dB/m)	Amp/Cb/F ltr/Pad (dB)	Conversion Factor (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.85	-58.23	PK	34.9	-21.3	11.8	-32.83	-17	-15.83	112	346	H
2	5.996	-63.28	PK	35.2	-20.8	11.8	-37.08	-27	-10.08	112	346	H

PK - Peak detector

VERTICAL PEAK PLOT

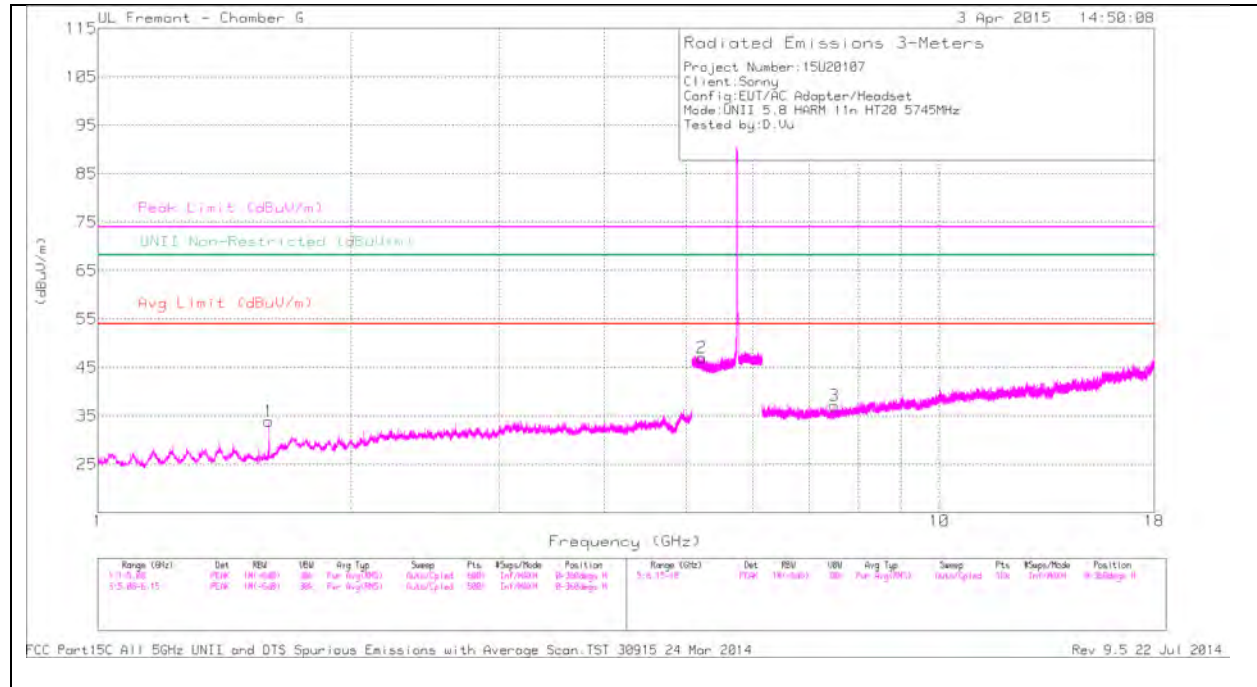


VERTICAL DATA

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	-57.83	PK	34.9	-21.3	11.8	-32.43	-17	-15.43	347	341	V
2	5.86	-61.53	PK	34.9	-21.3	11.8	-36.13	-27	-9.13	347	341	V

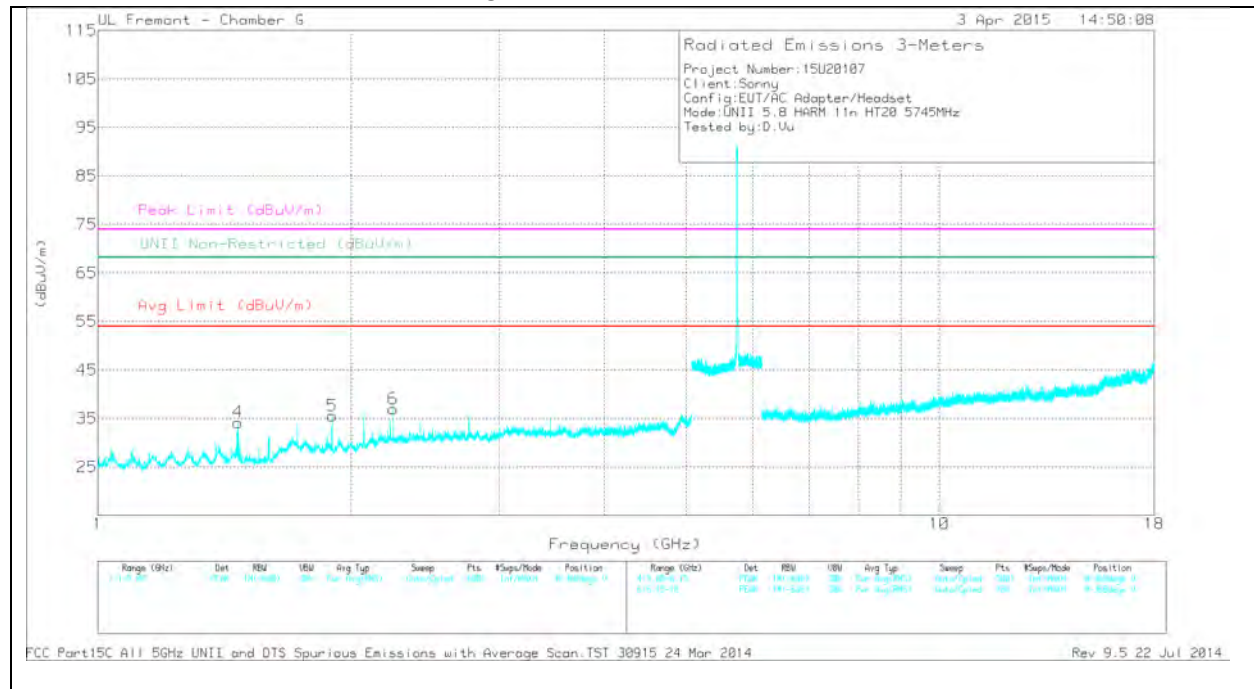
PK - Peak detector

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 T711 (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	* 1.596	41.52	PK	27.7	-35.3	0	33.92	-	-	74	-40.08	-	-	0-360	201	H
4	* 1.466	41.21	PK	27.9	-34.9	0	34.21	-	-	74	-39.79	-	-	0-360	201	V
6	* 2.242	39.69	PK	32	-34.7	0	36.99	-	-	74	-37.01	-	-	0-360	201	V
3	* 7.5	32.81	PK	35.5	-31.2	0	37.11	-	-	74	-36.89	-	-	0-360	101	H
5	1.898	40.16	PK	30.3	-34.9	0	35.56	-	-	-	-	68.2	-32.64	0-360	201	V
2	5.222	36.34	PK	34.3	-23.7	0	46.94	-	-	-	-	68.2	-21.26	0-360	101	H

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

PK - Peak detector

Radiated Emissions

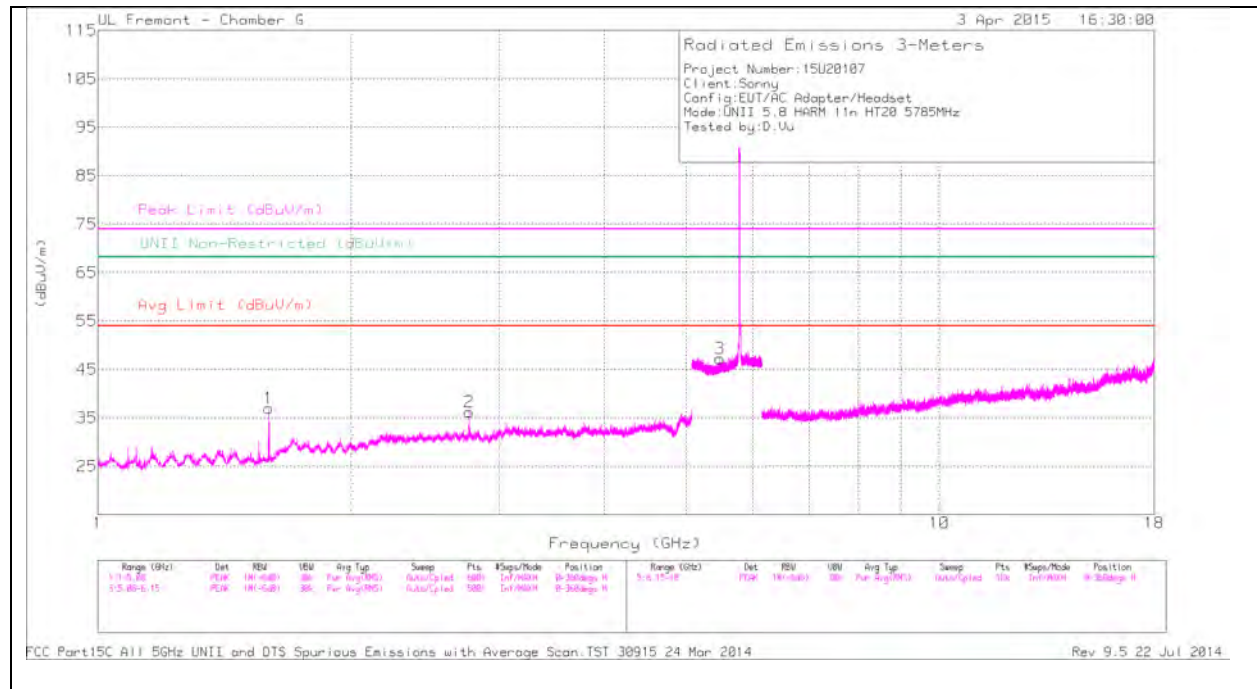
Frequency (GHz)	Meter Reading (dBuV)	Det	AF T711 (dB/m)	Amp/Cbl/Ftr/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
* 1.466	45.92	PK1	27.9	-34.9	0	38.92	-	-	74	-35.08	-	-	360	201	V
* 1.466	31.64	AD1	27.9	-34.9	0	24.64	54	-29.36	-	-	-	-	360	201	V
* 2.243	42.66	PK1	32	-34.7	0	39.96	-	-	74	-34.04	-	-	360	201	V
* 2.241	30.95	AD1	32	-34.7	0	28.25	54	-25.75	-	-	-	-	360	201	V

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

PK1 - KDB789033 Method: Peak

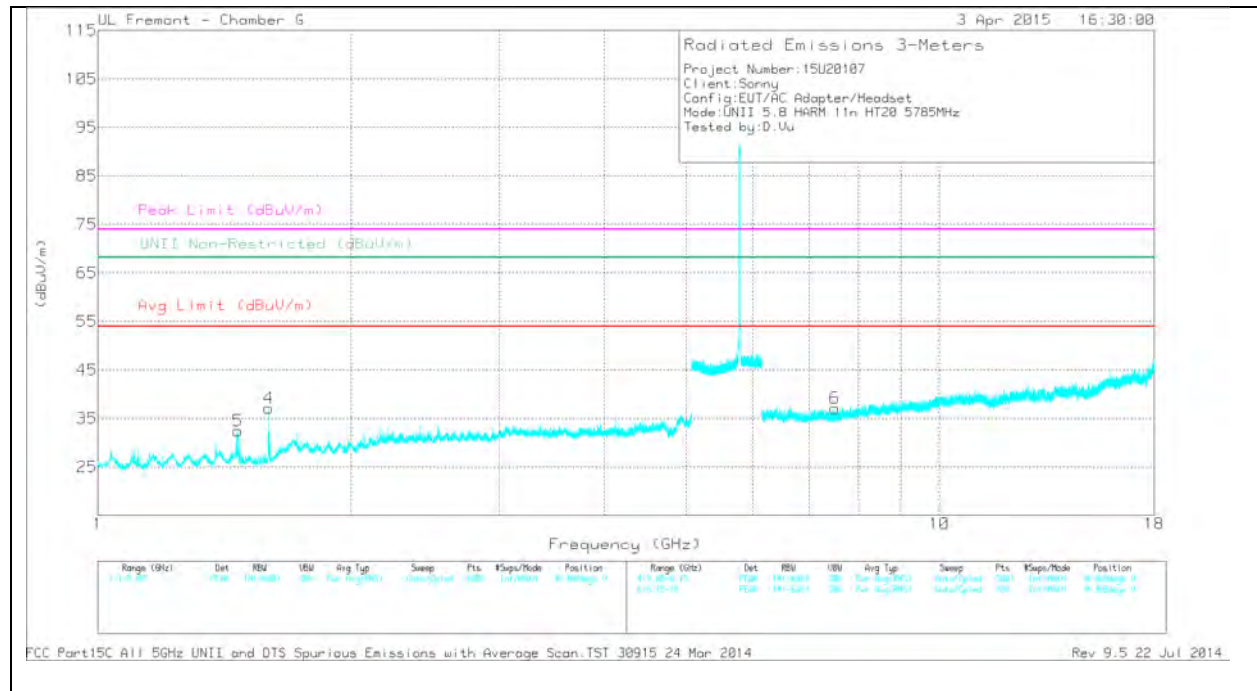
AD1 - KDB789033 Method: AD Primary Power Average

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 T711 (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	* 1.597	44.59	PK	27.7	-35.3	0	36.99	-	-	74	-37.01	-	-	0-360	201	H
2	* 2.76	38.25	PK	32.4	-34.4	0	36.25	-	-	74	-37.75	-	-	0-360	201	H
4	* 1.597	44.69	PK	27.7	-35.3	0	37.09	-	-	74	-36.91	-	-	0-360	201	V
5	* 1.466	39.44	PK	27.9	-34.9	0	32.44	-	-	74	-41.56	-	-	0-360	100	V
6	* 7.517	32.8	PK	35.5	-31.2	0	37.1	-	-	74	-36.9	-	-	0-360	201	V
3	5.481	36.27	PK	34.6	-23.6	0	47.27	-	-	-	-	68.2	-20.93	0-360	101	H

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

PK - Peak detector

Radiated Emissions

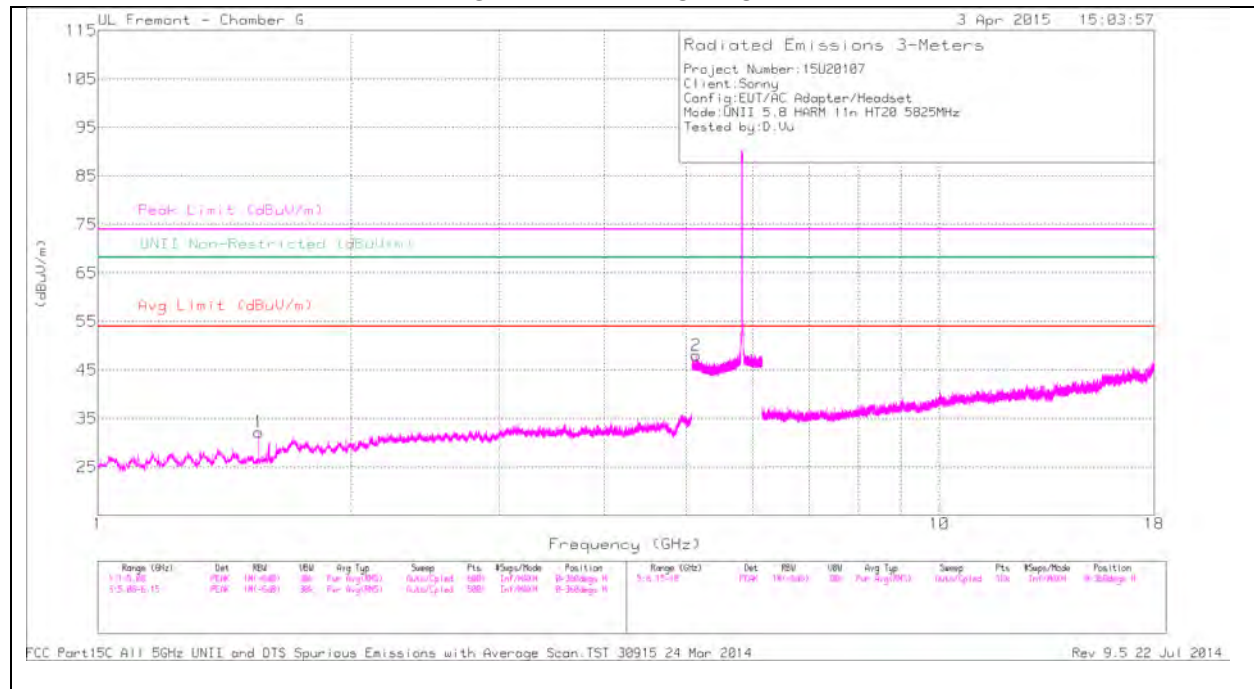
Frequency (GHz)	Meter Reading (dBuV)	Det	AF T711 (dB/m)	Amp/Cbl/Fitr/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
* 1.597	46.16	PK1	27.7	-35.3	0	38.56	-	-	74	-35.44	-	-	360	201	H
* 1.598	31.55	AD1	27.7	-35.3	0	23.95	54	-30.05	-	-	-	-	360	201	H
* 1.596	45.76	PK1	27.7	-35.3	0	38.16	-	-	74	-35.84	-	-	360	201	H
* 1.595	31.51	AD1	27.7	-35.3	0	23.91	54	-30.09	-	-	-	-	360	201	H

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

PK1 - KDB789033 Method: Peak

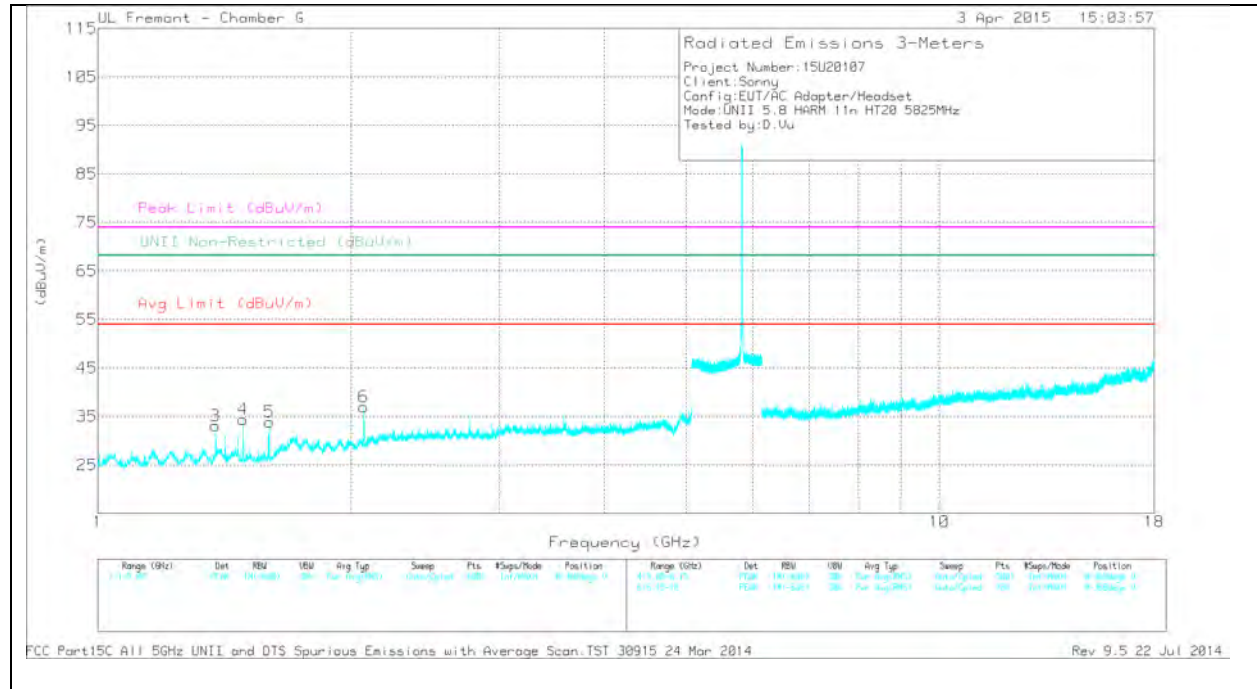
AD1 - KDB789033 Method: AD Primary Power Average

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 T711 (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	* 1.552	40.13	PK	27.7	-35.6	0	32.23	-	-	74	-41.77	-	-	0-360	201	H
3	* 1.379	39.88	PK	28.4	-35.2	0	33.08	-	-	74	-40.92	-	-	0-360	201	V
4	* 1.488	41.86	PK	27.8	-35.2	0	34.46	-	-	74	-39.54	-	-	0-360	201	V
5	* 1.599	41.48	PK	27.7	-35.3	0	33.88	-	-	74	-40.12	-	-	0-360	201	V
2	* 5.137	37.48	PK	34.2	-23.6	0	48.08	-	-	74	-25.92	-	-	0-360	201	H
6	2.07	41.06	PK	30.9	-34.9	0	37.06	-	-	-	-	68.2	-31.14	0-360	201	V

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

PK - Peak detector

Radiated Emissions

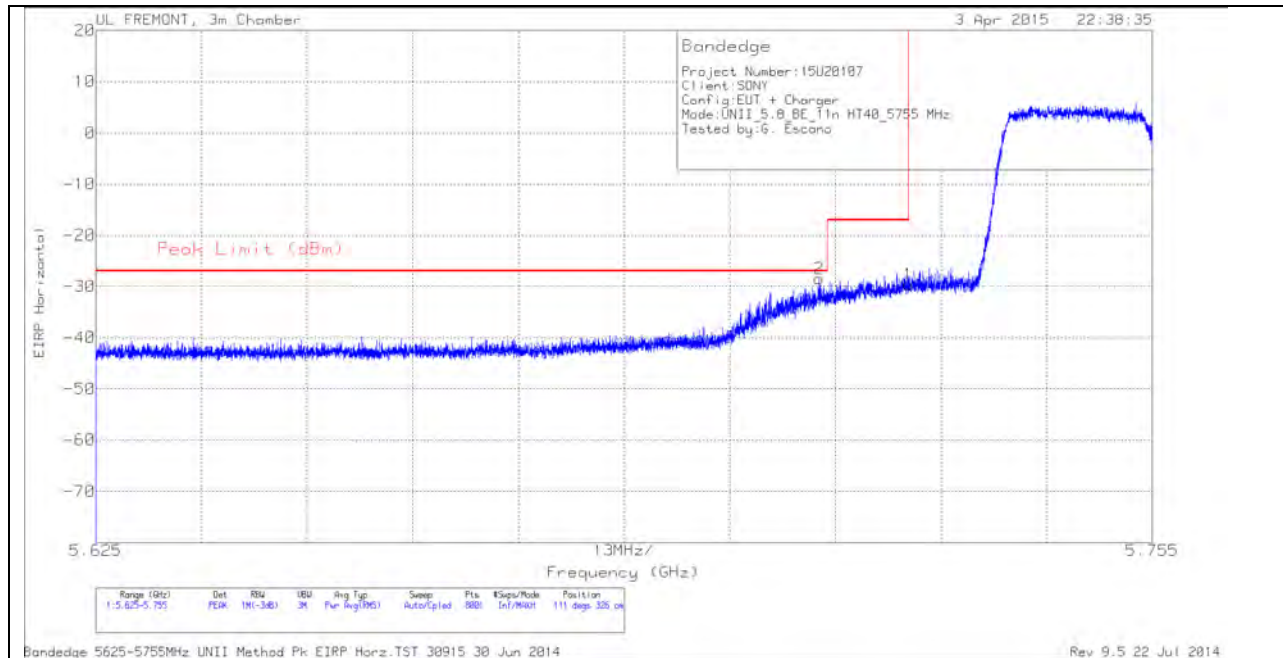
Frequency (GHz)	Meter Reading (dBuV)	Det	AF T711 (dB/m)	Amp/Cbl/Ftr/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
* 1.49	42.76	PK1	27.8	-35.2	0	35.36	-	-	74	-38.64	-	-	360	202	H
* 1.489	31.12	AD1	27.8	-35.2	0	23.72	54	-30.28	-	-	-	-	360	202	H
* 5.136	44.66	PK1	34.2	-23.6	0	55.26	-	-	74	-18.74	-	-	360	202	H
* 5.138	32.67	AD1	34.2	-23.6	0	43.27	54	-10.73	-	-	-	-	360	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

11.3.3. TX ABOVE 1 GHz 802.11n HT40 MODE IN THE 5.8 GHz BAND HARMONICS AND SPURIOUS EMISSIONS HORIZONTAL PEAK PLOT

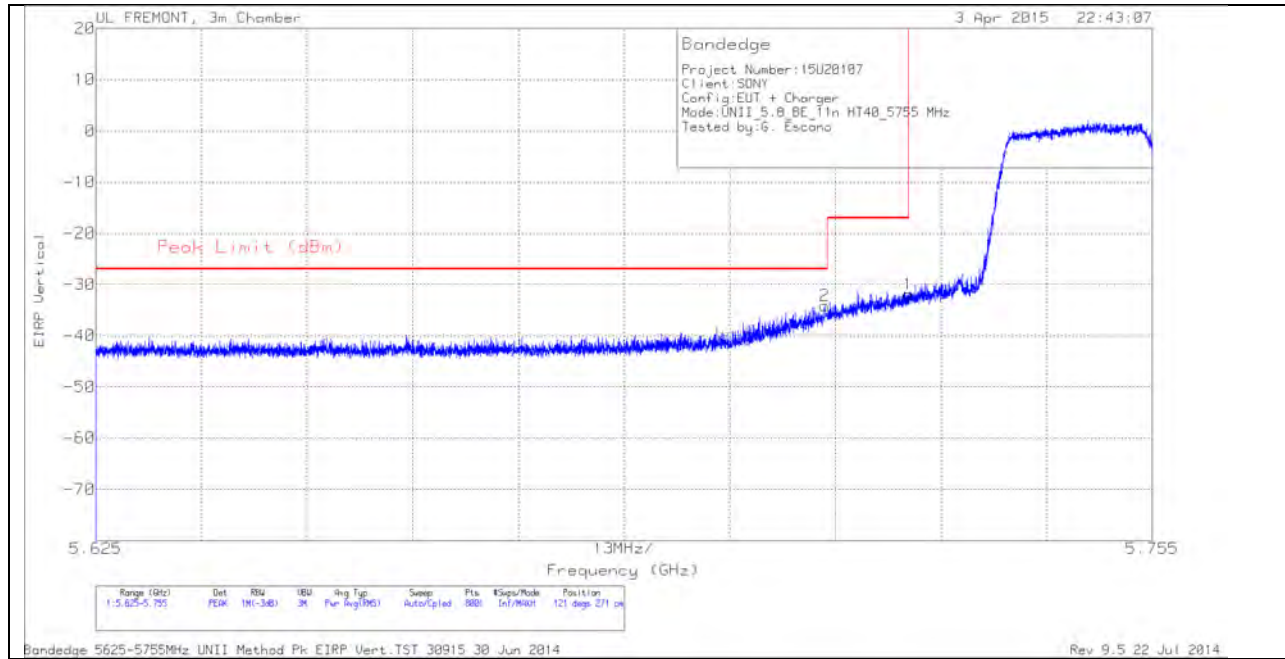


HORIZONTAL DATA

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	-54.07	PK	34.8	-21	11.8	-28.47	-27	-1.47	111	326	H
1	5.725	-55.07	PK	34.8	-21.1	11.8	-29.57	-17	-12.57	111	326	H

PK - Peak detector

VERTICAL PEAK PLOT



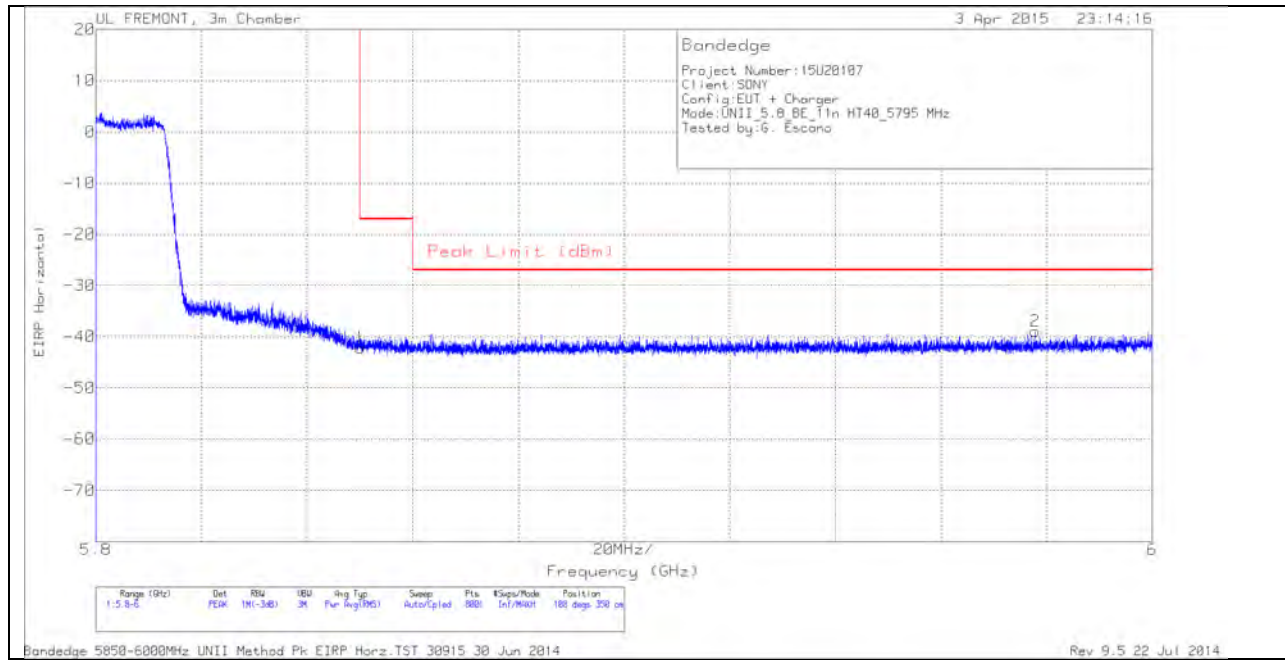
VERTICAL DATA

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	-59.63	PK	34.8	-21.1	11.8	-34.13	-27	-7.13	121	271	V
1	5.725	-57.44	PK	34.8	-21.1	11.8	-31.94	-17	-14.94	121	271	V

PK - Peak detector

AUTHORIZED BANDEDGE (HIGH CHANNEL)

HORIZONTAL PEAK PLOT

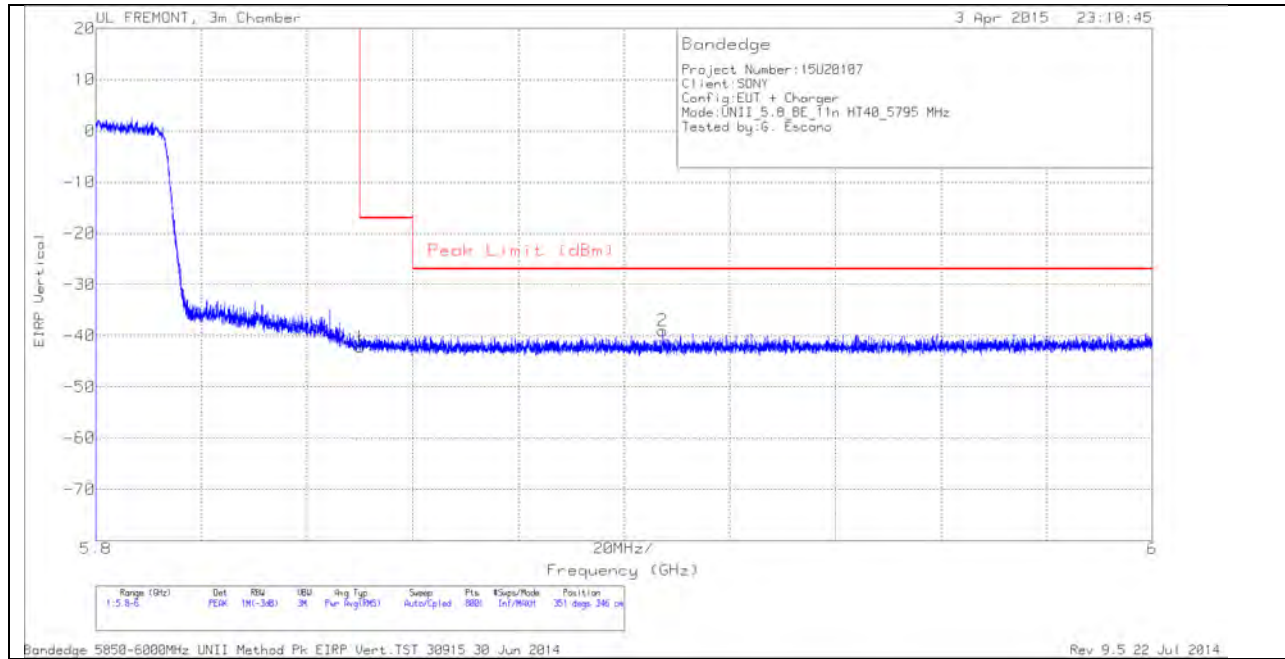


HORIZONTAL DATA

Marker	Frequency (GHz)	Meter Reading (dBm)	Det	AF T119 (dB/m)	Amp/Cb/F ltr/Pad (dB)	Conversion Factor (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.85	-67.61	PK	34.9	-21.3	11.8	-42.21	-17	-25.21	108	350	H
2	5.978	-65.07	PK	35.2	-20.9	11.8	-38.97	-27	-11.97	108	350	H

PK - Peak detector

VERTICAL PEAK PLOT

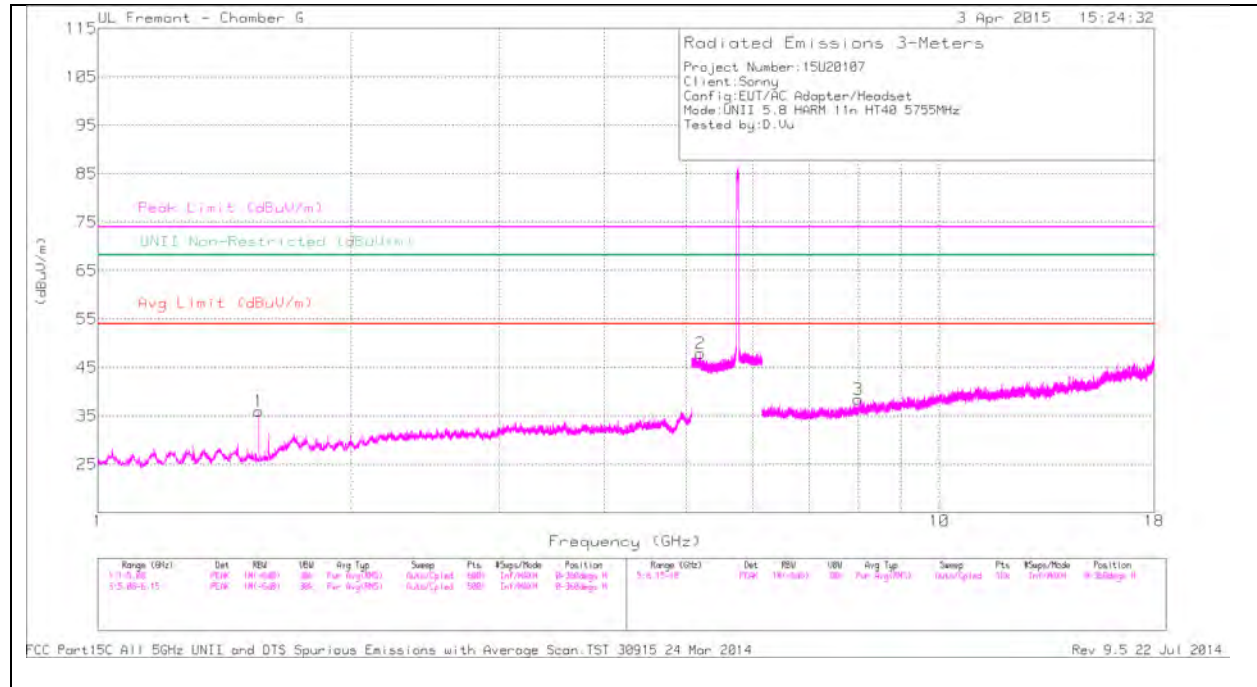


VERTICAL DATA

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	-67.61	PK	34.9	-21.3	11.8	-42.21	-17	-25.21	351	346	V
2	5.907	-64.68	PK	35	-21.1	11.8	-38.98	-27	-11.98	351	346	V

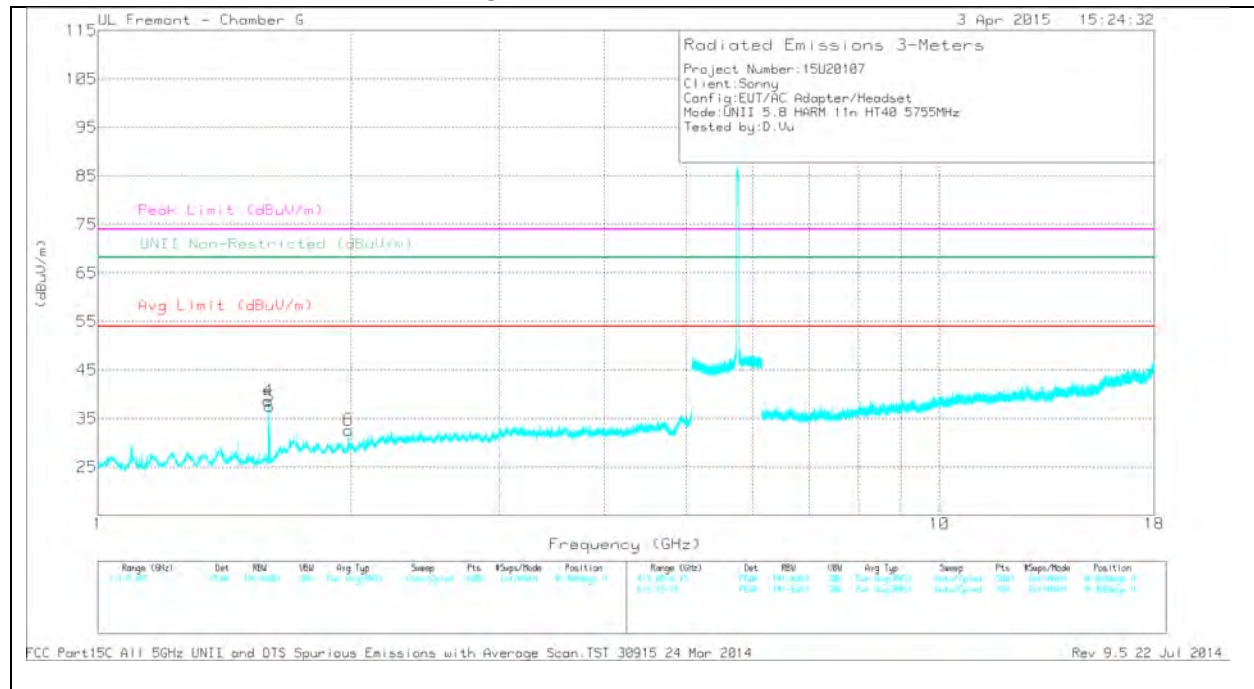
PK - Peak detector

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 T711 (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	* 1.552	43.89	PK	27.7	-35.6	0	35.99	-	-	74	-38.01	-	-	0-360	201	H
4	* 1.593	46.3	PK	27.7	-35.3	0	38.7	-	-	74	-35.3	-	-	0-360	201	V
5	* 1.6	45.09	PK	27.7	-35.3	0	37.49	-	-	74	-36.51	-	-	0-360	101	V
6	1.984	37.05	PK	30.2	-34.6	0	32.65	-	-	-	-	68.2	-35.55	0-360	101	V
2	5.2	37.25	PK	34.3	-23.7	0	47.85	-	-	-	-	68.2	-20.35	0-360	201	H
3	8.008	32.88	PK	35.9	-30.3	0	38.48	-	-	-	-	68.2	-29.72	0-360	201	H

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

PK - Peak detector

Radiated Emissions

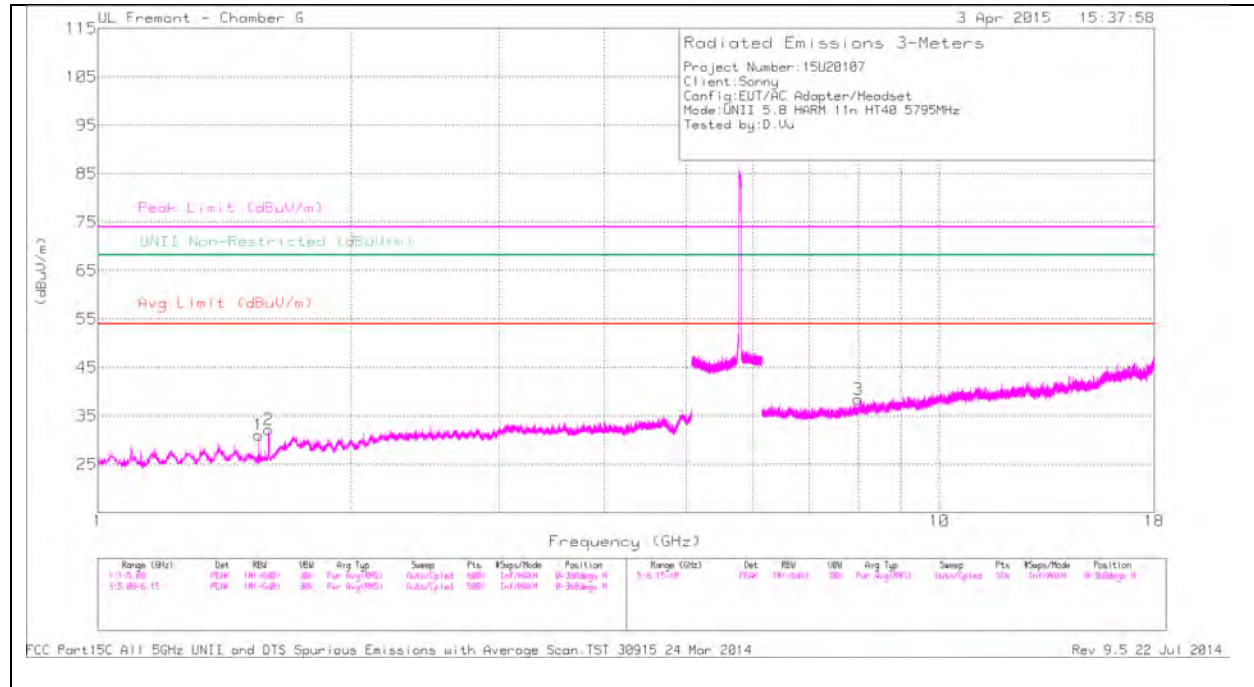
Frequency (GHz)	Meter Reading (dBuV)	Det	AF T711 (dB/m)	Amp/Cbl/Ftr/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
* 1.553	43.35	PK1	27.7	-35.6	0	35.45	-	-	74	-38.55	-	-	360	202	H
* 1.553	31.87	AD1	27.7	-35.6	.12	24.09	54	-29.91	-	-	-	-	360	202	H
* 1.594	45.1	PK1	27.7	-35.3	0	37.5	-	-	74	-36.5	-	-	360	202	H
* 1.593	31.82	AD1	27.7	-35.3	.12	24.34	54	-29.66	-	-	-	-	360	202	H

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

PK1 - KDB789033 Method: Peak

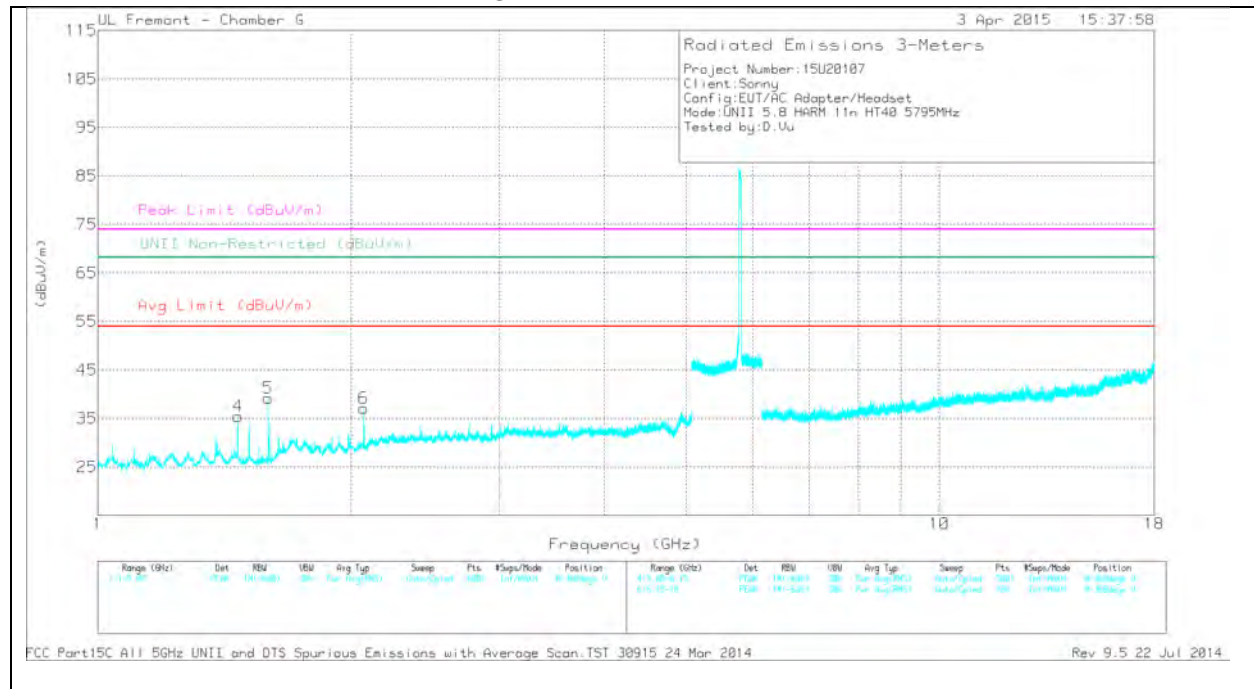
AD1 - KDB789033 Method: AD Primary Power Average

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.

HIGH CHANNEL DATA

TRACE MARKERS

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T711 (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	* 1.553	38.89	PK	27.7	-35.6	0	30.99	-	-	74	-43.01	-	-	0-360	201	H
2	* 1.595	39.77	PK	27.7	-35.3	0	32.17	-	-	74	-41.83	-	-	0-360	201	H
4	* 1.466	42.46	PK	27.9	-34.9	0	35.46	-	-	74	-38.54	-	-	0-360	101	V
5	* 1.593	46.84	PK	27.7	-35.3	0	39.24	-	-	74	-34.76	-	-	0-360	201	V
6	2.07	41.08	PK	30.9	-34.9	0	37.08	-	-	-	-	68.2	-31.12	0-360	101	V
3	8.008	32.88	PK	35.9	-30.3	0	38.48	-	-	-	-	68.2	-29.72	0-360	201	H

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

PK - Peak detector

Radiated Emissions

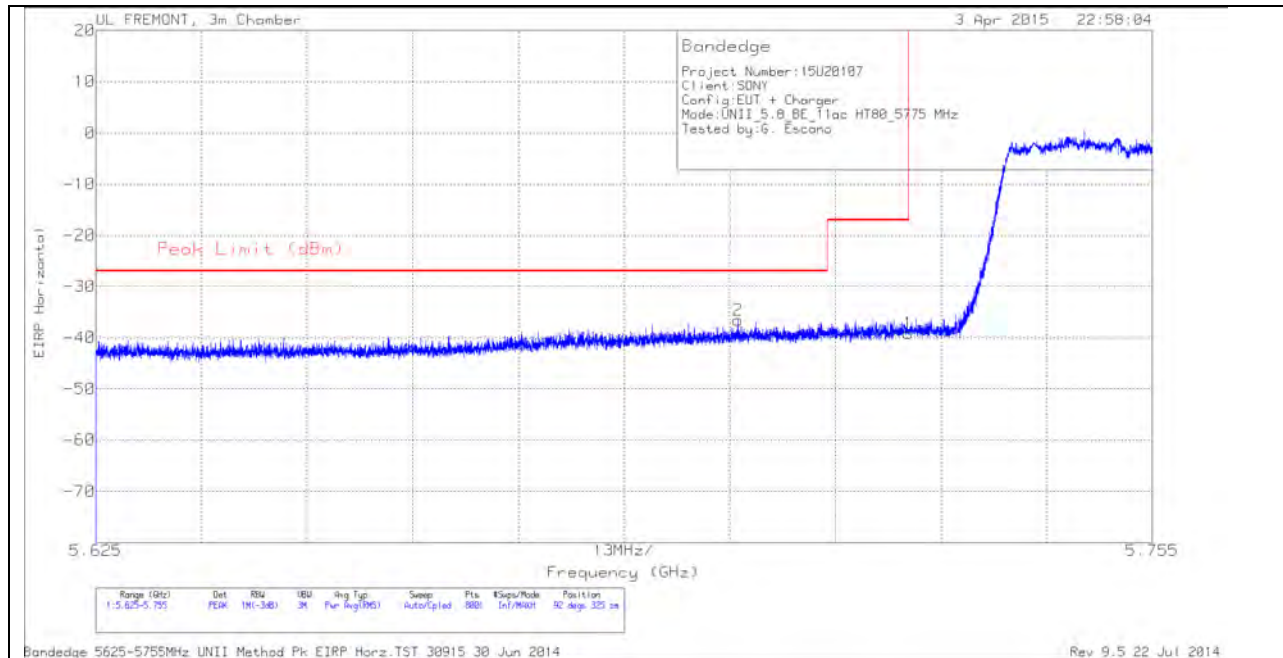
Frequency (GHz)	Meter Reading (dBuV)	Det	AF T711 (dB/m)	Amp/Cbl/Ftr/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
* 1.593	45.2	PK1	27.7	-35.3	0	37.6	-	-	74	-36.4	-	-	360	202	H
* 1.595	31.61	AD1	27.7	-35.3	.12	24.13	54	-29.87	-	-	-	-	360	202	H
* 1.594	44.24	PK1	27.7	-35.3	0	36.64	-	-	74	-37.36	-	-	360	202	H
* 1.593	31.6	AD1	27.7	-35.3	.12	24.12	54	-29.88	-	-	-	-	360	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

11.3.4. TX ABOVE 1 GHz 802.11ac HT80 MODE IN THE 5.8 GHz BAND **HARMONICS AND SPURIOUS EMISSIONS** **HORIZONTAL PEAK PLOT**

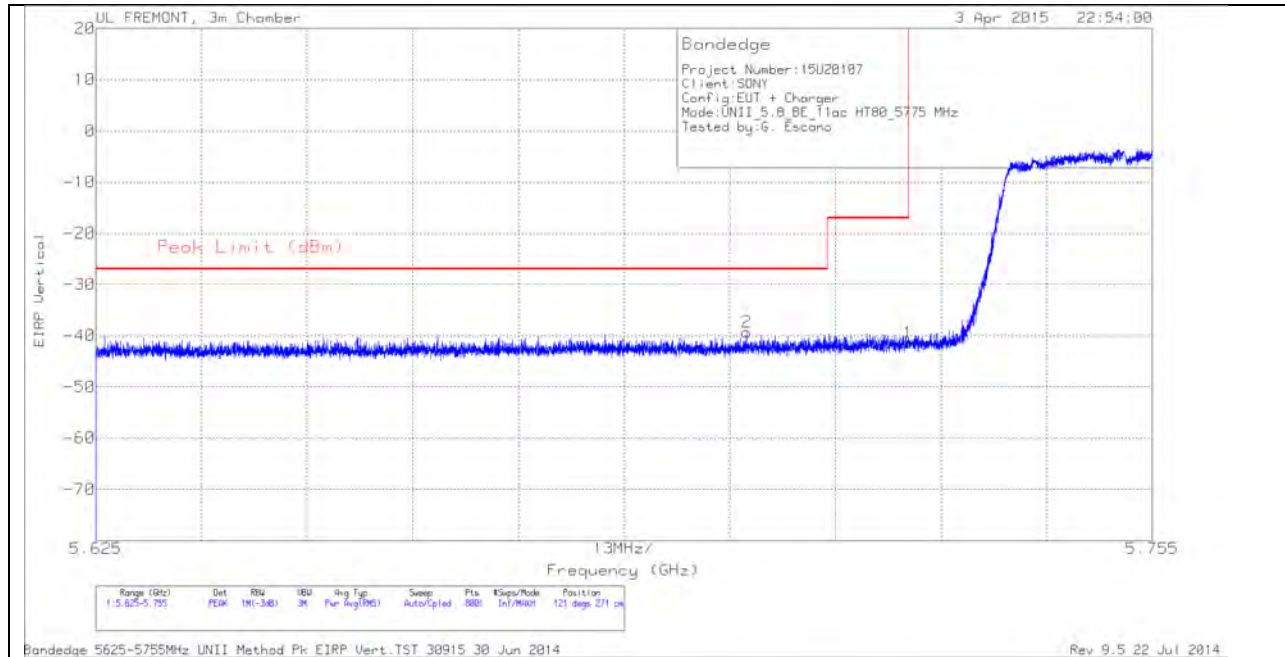


HORIZONTAL DATA

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	5.704	-62.05	PK	34.7	-21	11.8	-36.55	-27	-9.55	92	325	H
1	5.725	-64.66	PK	34.8	-21.1	11.8	-39.16	-17	-22.16	92	325	H

PK - Peak detector

VERTICAL PEAK PLOT



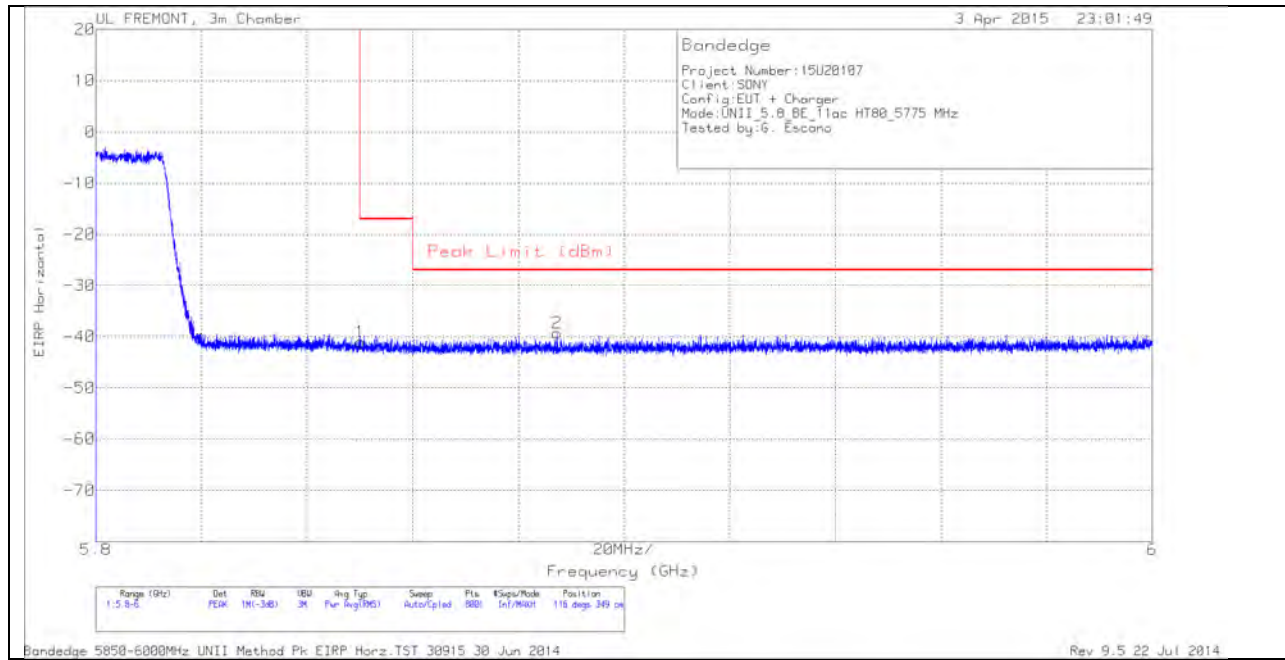
VERTICAL DATA

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	5.705	-64.75	PK	34.7	-21	11.8	-39.25	-27	-12.25	121	271	V
1	5.725	-66.88	PK	34.8	-21.1	11.8	-41.38	-17	-24.38	121	271	V

PK - Peak detector

AUTHORIZED BANDEDGE (HIGH CHANNEL)

HORIZONTAL PEAK PLOT

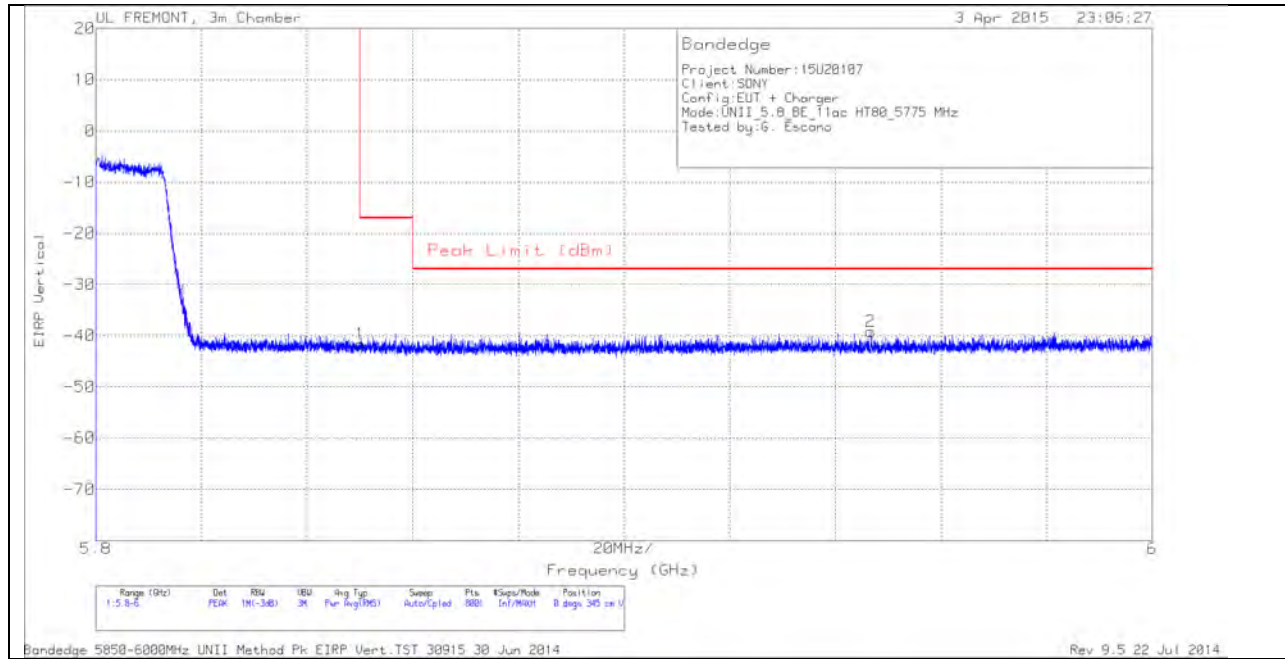


HORIZONTAL DATA

Marker	Frequency (GHz)	Meter Reading (dBm)	Det	AF T119 (dB/m)	Amp/Cb/F ltr/Pad (dB)	Conversion Factor (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.85	-66.44	PK	34.9	-21.3	11.8	-41.04	-17	-24.04	116	349	H
2	5.887	-64.86	PK	35	-21.2	11.8	-39.26	-27	-12.26	116	349	H

PK - Peak detector

VERTICAL PEAK PLOT

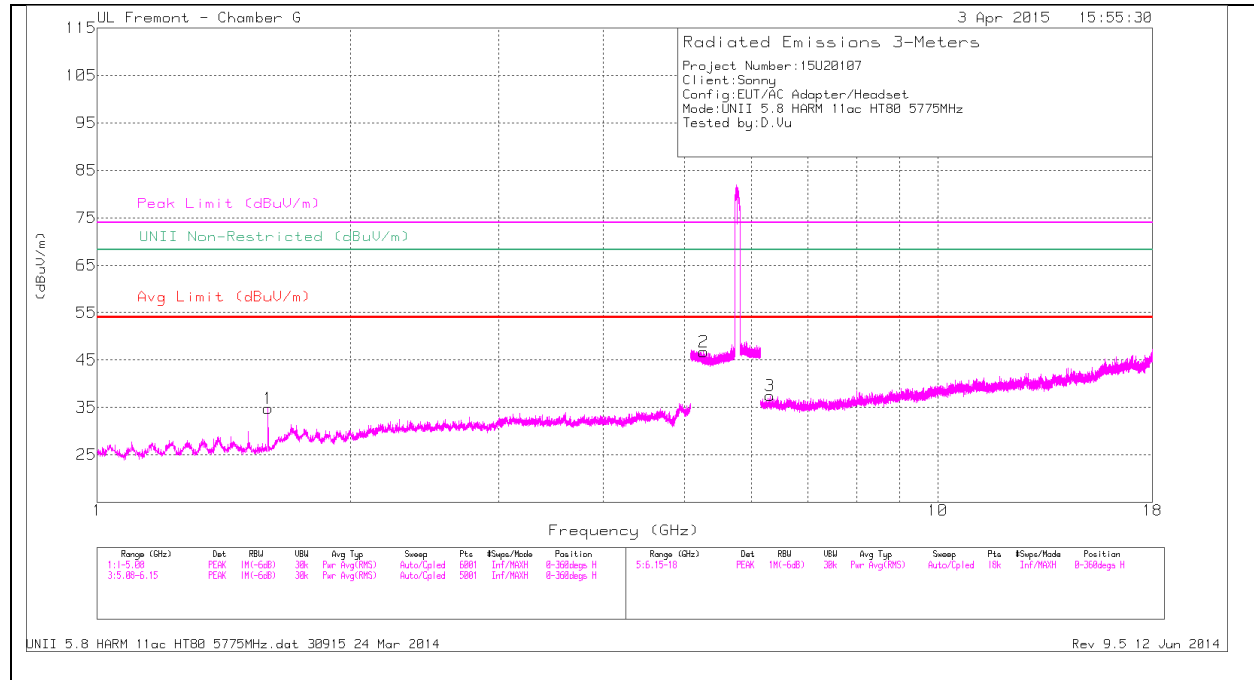


VERTICAL DATA

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	-66.97	PK	34.9	-21.3	11.8	-41.57	-17	-24.57	0	345	V
2	5.947	-64.98	PK	35.1	-21.1	11.8	-39.18	-27	-12.18	0	345	V

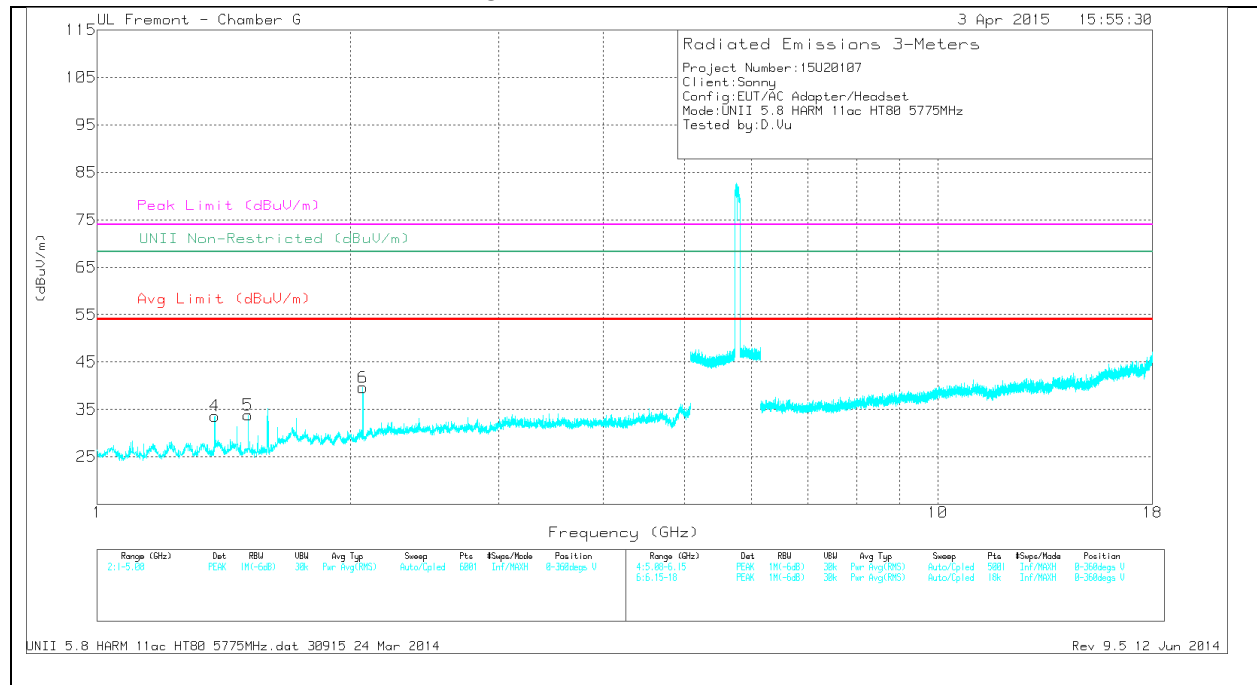
PK - Peak detector

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 T711 (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	* 1.596	42.43	PK	27.7	-35.3	0	34.83	-	-	74	-39.17	-	-	0-360	201	H
4	* 1.38	40.41	PK	28.4	-35.2	0	33.61	-	-	74	-40.39	-	-	0-360	101	V
5	* 1.512	41.51	PK	27.7	-35.4	0	33.81	-	-	74	-40.19	-	-	0-360	101	V
6	2.07	43.63	PK	30.9	-34.9	0	39.63	-	-	-	-	68.2	-28.57	0-360	101	V
2	5.262	36.17	PK	34.3	-23.7	0	46.77	-	-	-	-	68.2	-21.43	0-360	201	H
3	6.312	33.99	PK	36	-32.5	0	37.49	-	-	-	-	68.2	-30.71	0-360	201	H

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

PK - Peak detector

Radiated Emissions

Frequency (GHz)	Meter Reading (dBuV)	Det	AF T711 (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
* 1.596	44.52	PK1	27.7	-35.3	0	36.92	-	-	74	-37.08	-	-	360	202	H
* 1.598	31.53	AD1	27.7	-35.3	.23	24.14	54	-29.86	-	-	-	-	360	202	H
2.068	42.03	PK1	30.9	-34.9	0	38.03	-	-	-	-	68.2	-30.17	360	102	H
2.07	30.84	AD1	30.9	-34.9	.23	27.07	-	-	-	-	-	-	360	102	H

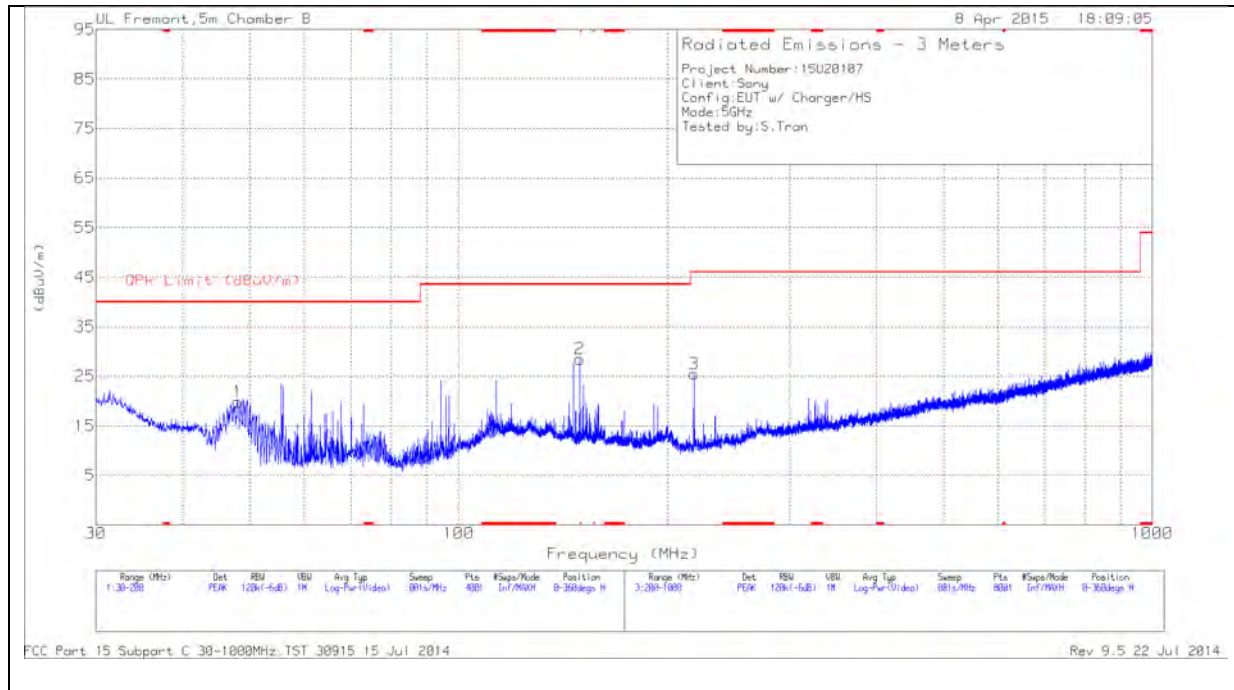
* - indicates frequency in CFR15.205/IC7.2.2 Restricted Band

PK1 - KDB789033 Method: Peak

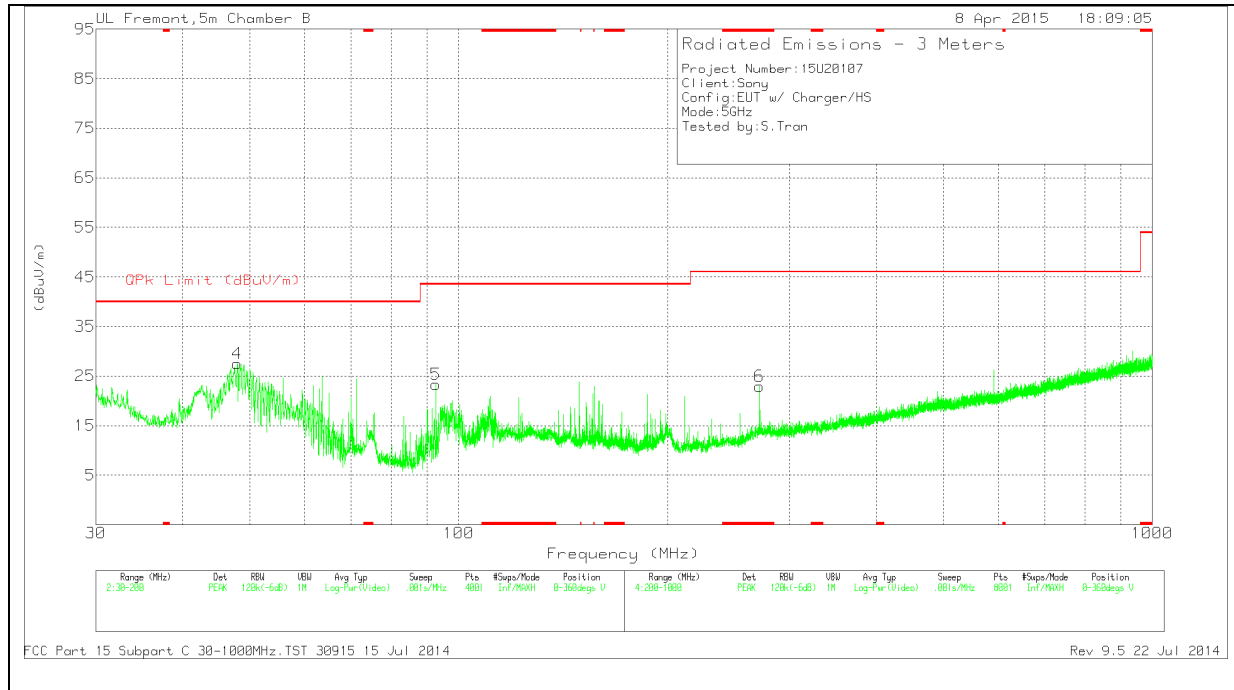
AD1 - KDB789033 Method: AD Primary Power Average

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	34.08	48.4	PK	18.4	-31.2	35.6	40	-4.4	0-360	101	V
2	81.085	40.86	PK	7.2	-30.7	17.36	40	-22.64	0-360	400	H
1	84.995	46.62	PK	7.3	-30.7	23.22	40	-16.78	0-360	300	H
6	165.49	30.14	PK	11.7	-30.2	11.64	43.52	-31.88	0-360	101	V
3	200.9	36.72	PK	12.4	-29.9	19.22	43.52	-24.3	0-360	200	H
4	326.9	36.37	PK	13.9	-29.3	20.97	46.02	-25.05	0-360	101	H

PK - Peak detector

Radiated Emissions

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
6	* 271.7	35.78	PK	13.4	-26.2	22.98	46.02	-23.04	0-360	101	V
4	47.9775	47.08	PK	9	-28.6	27.48	40	-12.52	0-360	101	V
1	48.0625	39.53	PK	9	-28.7	19.83	40	-20.17	0-360	400	H
5	92.7725	43.09	PK	8.3	-28.1	23.29	43.52	-20.23	0-360	101	V
2	149.3825	43.46	PK	12.5	-27.5	28.46	43.52	-15.06	0-360	400	H
3	218.3	41.59	PK	10.7	-26.8	25.49	46.02	-20.53	0-360	200	H

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

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 C63.4.

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