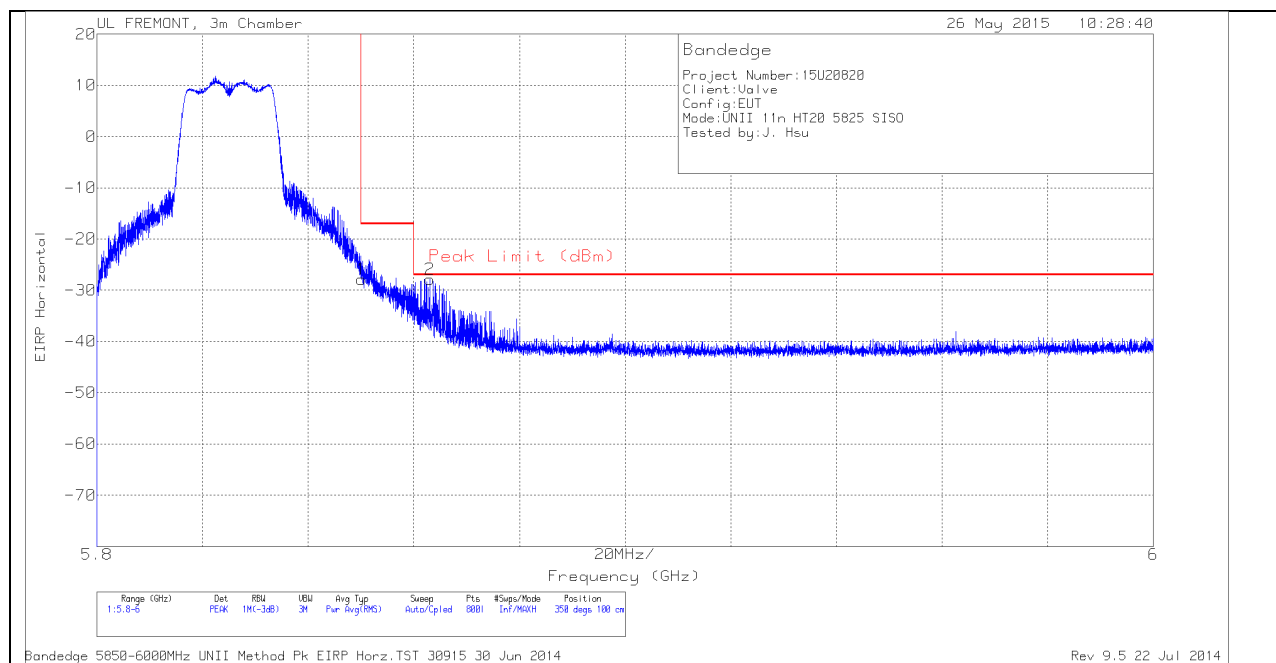


AUTHORIZED BANDEDGE (HIGH CHANNEL)

HORIZONTAL PEAK AND AVERAGE PLOT



HORIZONTAL DATA

Trace Markers

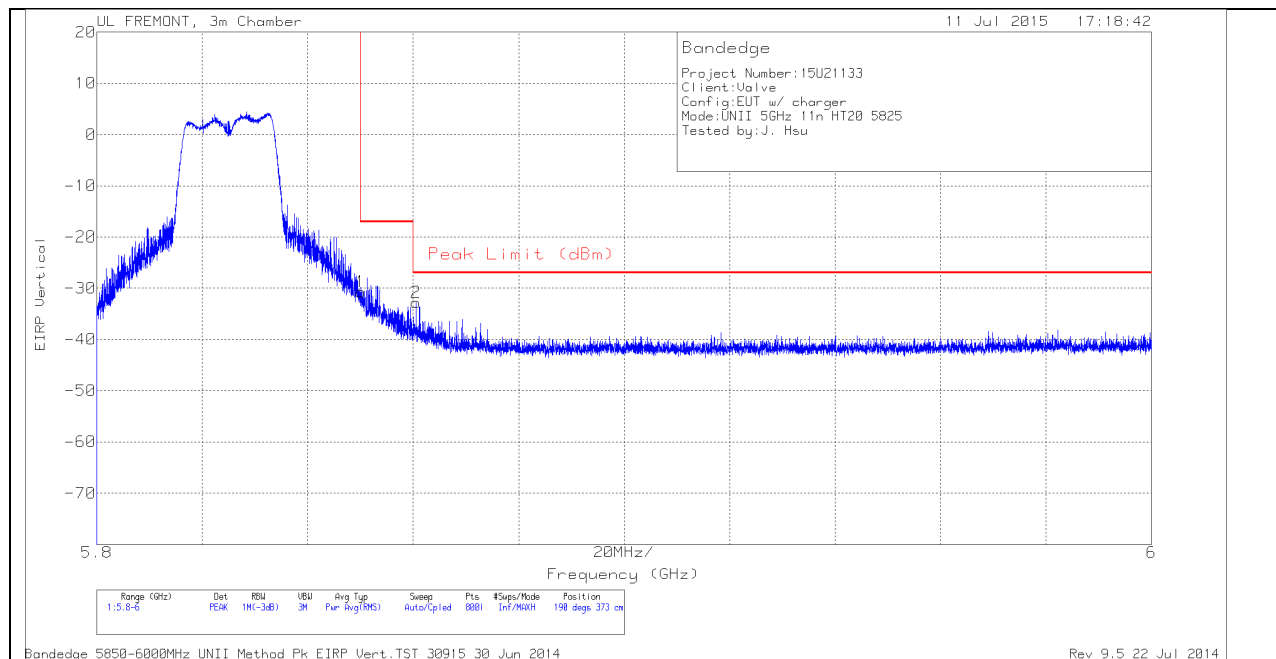
Marker	Frequency (GHz)	Meter Reading (dBm)	Det	AF T119 (dB/m)	Amp/Cbl/F ltr/Pad (dB)	Conversion Factor (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.85	-53.24	PK	34.9	-21.3	11.8	-27.84	-17	-10.84	350	100	H
2	5.863	-53.26	PK	34.9	-21.3	11.8	-27.86	-27	-.86	350	100	H

PK - Peak detector

Bandedge 5850-6000MHz UNII Method Pk EIRP Horiz.TST 30915 30 Jun 2014

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VERTICAL PEAK AND AVERAGE PLOT



VERTICAL DATA

Trace Markers

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	-56.81	PK	34.9	-20.6	11.8	-30.71	-17	-13.71	190	373	V
2	5.861	-59.02	PK	34.9	-20.5	11.8	-32.82	-27	-5.82	190	373	V

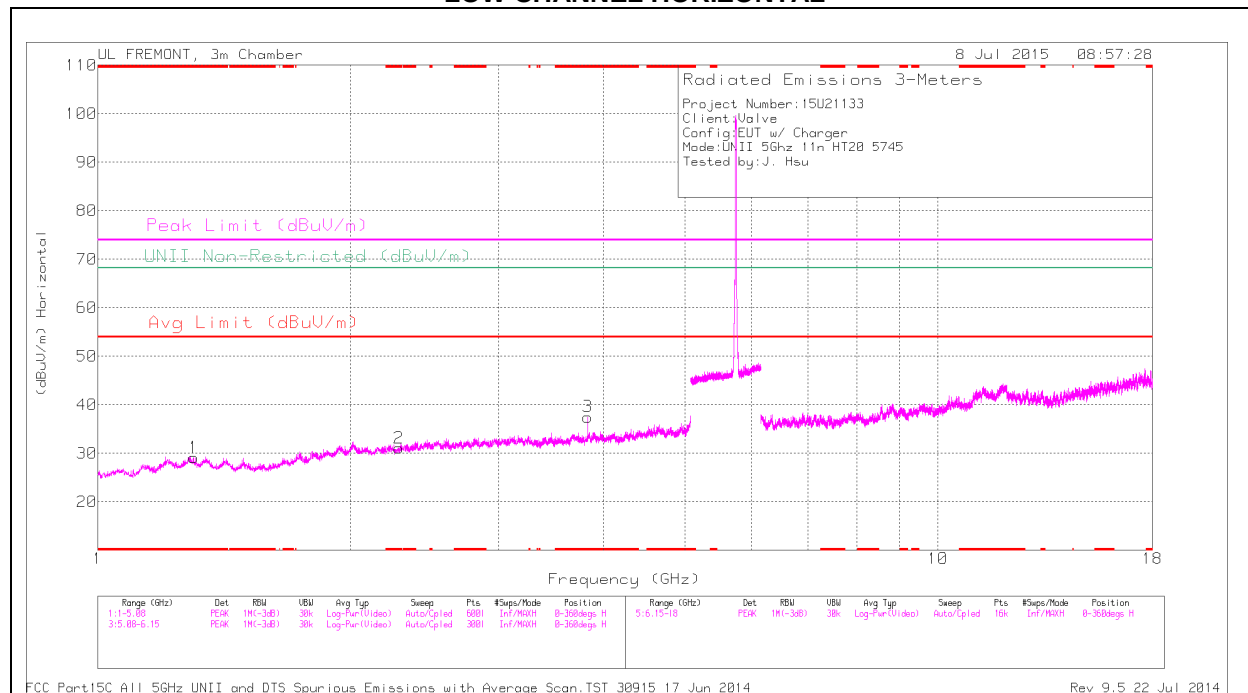
PK - Peak detector

Bandedge 5850-6000MHz UNII Method Pk EIRP Vert.TST 30915 30 Jun 2014

Rev 9.5 22 Jul 2014

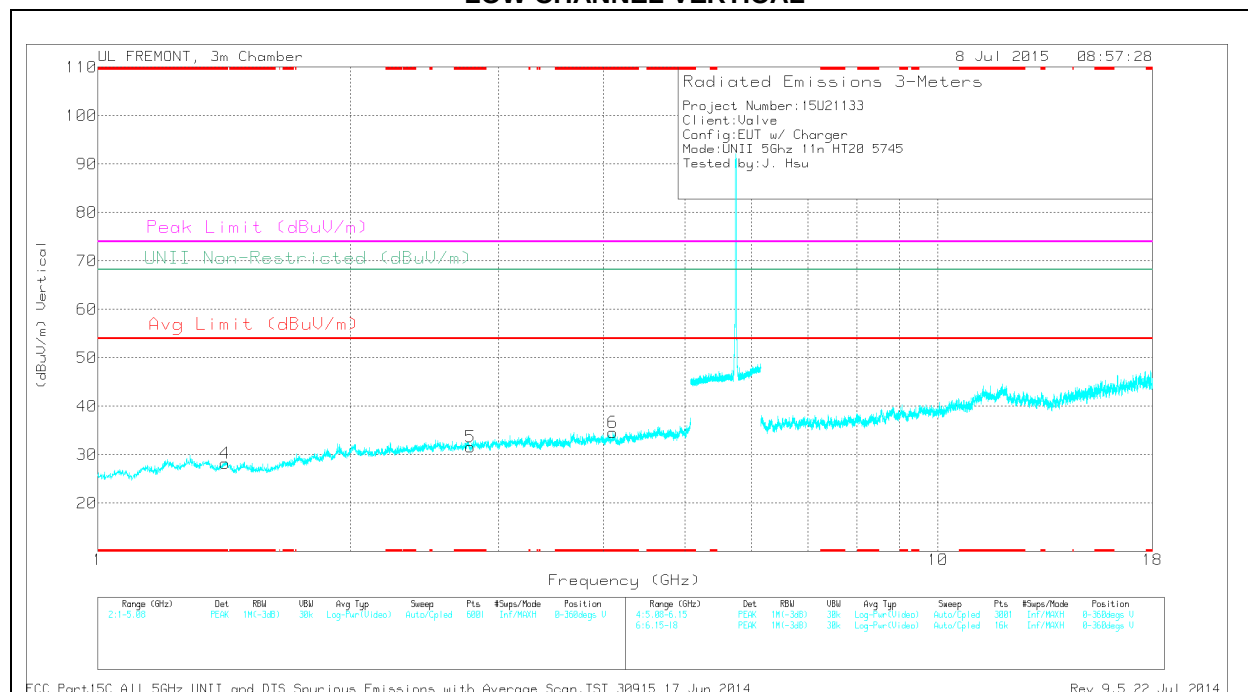
HARMONICS AND SPURIOUS EMISSIONS

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)	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	* 1.301	32.27	PK	29.9	-33	29.17	-	-	74	-44.83	-	-	0-360	200	H
2	* 2.281	31.14	PK	31.6	-31.6	31.14	-	-	74	-42.86	-	-	0-360	200	H
3	* 3.83	34.72	PK	33.1	-30.3	37.52	-	-	74	-36.48	-	-	0-360	200	H
4	* 1.417	31.89	PK	28.5	-32.1	28.29	-	-	74	-45.71	-	-	0-360	100	V
5	* 2.775	30.77	PK	32.5	-31.6	31.67	-	-	74	-42.33	-	-	0-360	200	V
6	* 4.101	31.52	PK	33.3	-30.2	34.62	-	-	74	-39.38	-	-	0-360	200	V

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

PK - Peak detector

Radiated Emissions

Frequency (GHz)	Meter Reading (dBuV)	Det	AF T119 (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
* 1.301	41.79	PK1	29.9	-33	38.69	-	-	74	-35.31	-	-	360	100	H
* 1.299	29.9	AD1	29.9	-33	26.8	54	-27.2	-	-	-	-	360	100	H
* 2.28	40.93	PK1	31.6	-31.6	40.93	-	-	74	-33.07	-	-	360	100	H
* 2.28	29.3	AD1	31.6	-31.6	29.3	54	-24.7	-	-	-	-	360	100	H
* 3.831	42.11	PK1	33.1	-30.3	44.91	-	-	74	-29.09	-	-	302	290	H
* 3.83	33.2	AD1	33.1	-30.3	36	54	-18	-	-	-	-	302	290	H
* 1.419	41.56	PK1	28.5	-32.1	37.96	-	-	74	-36.04	-	-	302	290	V
* 1.418	30.31	AD1	28.5	-32.1	26.71	54	-27.29	-	-	-	-	302	290	V
* 2.777	40.46	PK1	32.5	-31.7	41.26	-	-	74	-32.74	-	-	302	290	V
* 2.773	28.84	AD1	32.5	-31.6	29.74	54	-24.26	-	-	-	-	302	290	V
* 4.101	40.2	PK1	33.3	-30.2	43.3	-	-	74	-30.7	-	-	302	290	V
* 4.1	28.91	AD1	33.3	-30.2	32.01	54	-21.99	-	-	-	-	302	290	V

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

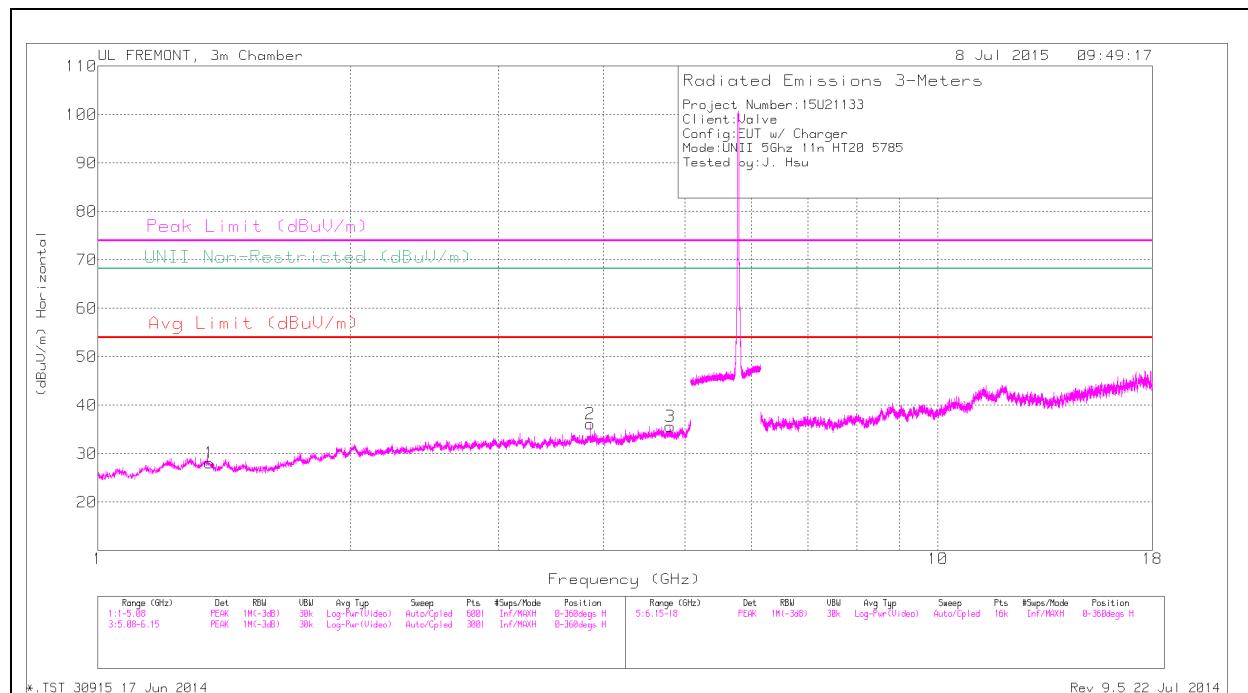
PK1 - KDB789033 Method: Peak

AD1 - KDB789033 Method: AD Primary Power Average

FCC Part15C All 5GHz UNII and DTS Spurious Emissions with Average Scan.TST 30915 17 Jun 2014

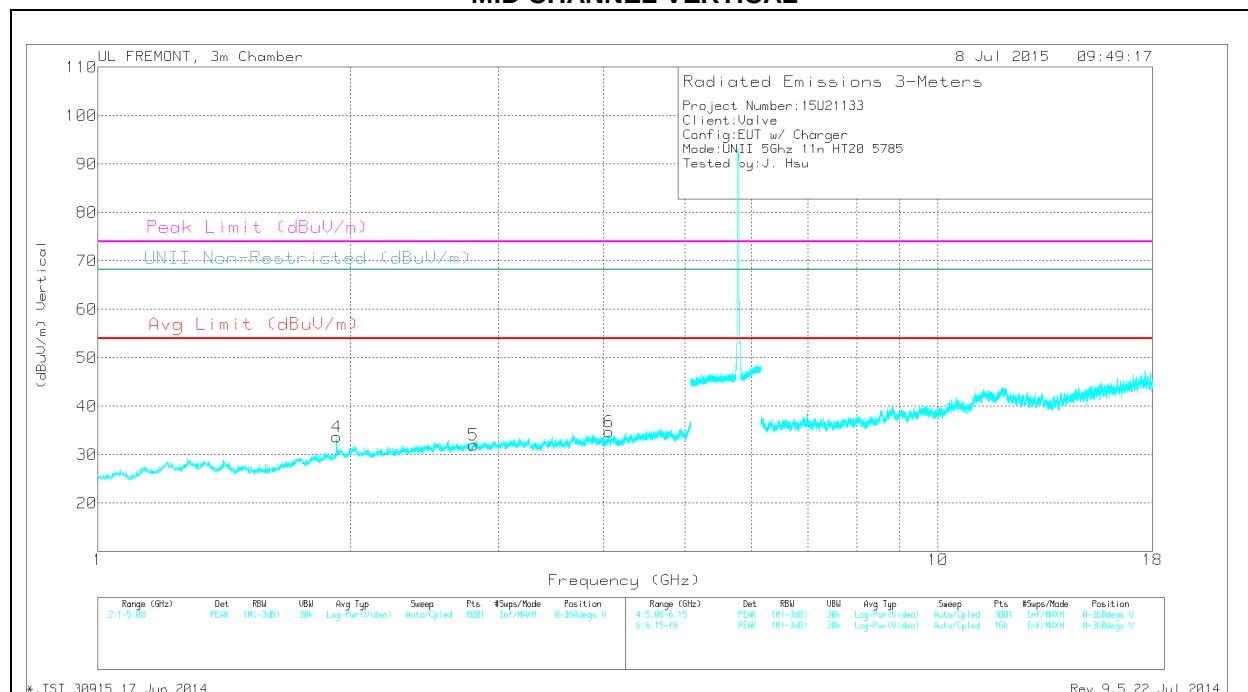
Rev 9.5 22 Jul 2014

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/Cb/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	1.358	31.6	PK	29.2	-32.7	28.1	-	-	74	-45.9	-	-	0-360	200	H
4	1.923	34.44	PK	31.2	-31.9	33.74	-	-	-	-	68.2	-34.46	0-360	200	V
5	2.8	31.01	PK	32.6	-31.6	32.01	-	-	74	-41.99	-	-	0-360	200	V
2	3.857	33.21	PK	33.1	-30.2	36.11	-	-	74	-37.89	-	-	0-360	100	H
6	4.058	31.72	PK	33.3	-30.3	34.72	-	-	74	-39.28	-	-	0-360	200	V
3	4.801	30.94	PK	34	-29.3	35.64	-	-	74	-38.36	-	-	0-360	200	H

PK - Peak detector

Radiated Emissions

Frequency (GHz)	Meter Reading (dBuV)	Det	AF T119 (dB/m)	Amp/Cb/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
1.357	41.52	PK1	29.2	-32.7	38.02	-	-	74	-35.98	-	-	360	100	H
1.357	29.86	AD1	29.2	-32.7	26.36	54	-27.64	-	-	-	-	360	100	H
1.922	41.31	PK1	31.2	-32	40.51	-	-	-	-	68.2	-27.69	360	100	V
1.925	29.47	AD1	31.2	-31.9	28.77	-	-	-	-	-	-	360	100	V
2.799	41.4	PK1	32.6	-31.6	42.4	-	-	74	-31.6	-	-	360	100	V
2.8	29.3	AD1	32.6	-31.6	30.3	54	-23.7	-	-	-	-	360	100	V
3.857	40.01	PK1	33.1	-30.2	42.91	-	-	74	-31.09	-	-	360	100	H
3.857	29.54	AD1	33.1	-30.2	32.44	54	-21.56	-	-	-	-	360	100	H
4.056	40.7	PK1	33.3	-30.2	43.8	-	-	74	-30.2	-	-	360	100	V
4.058	28.85	AD1	33.3	-30.3	31.85	54	-22.15	-	-	-	-	360	100	V
4.801	39.98	PK1	34	-29.3	44.68	-	-	74	-29.32	-	-	360	100	H
4.802	28.51	AD1	34	-29.3	33.21	54	-20.79	-	-	-	-	360	100	H

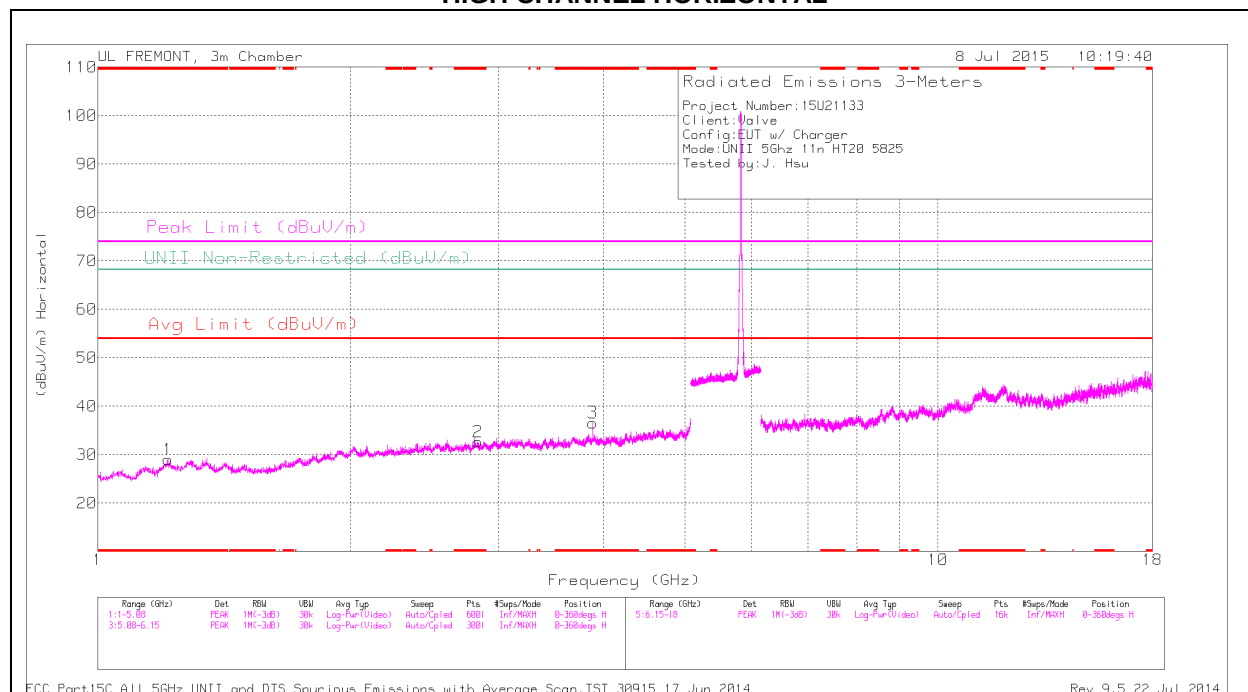
PK1 - KDB789033 Method: Peak

AD1 - KDB789033 Method: AD Primary Power Average

*.TST 30915 17 Jun 2014

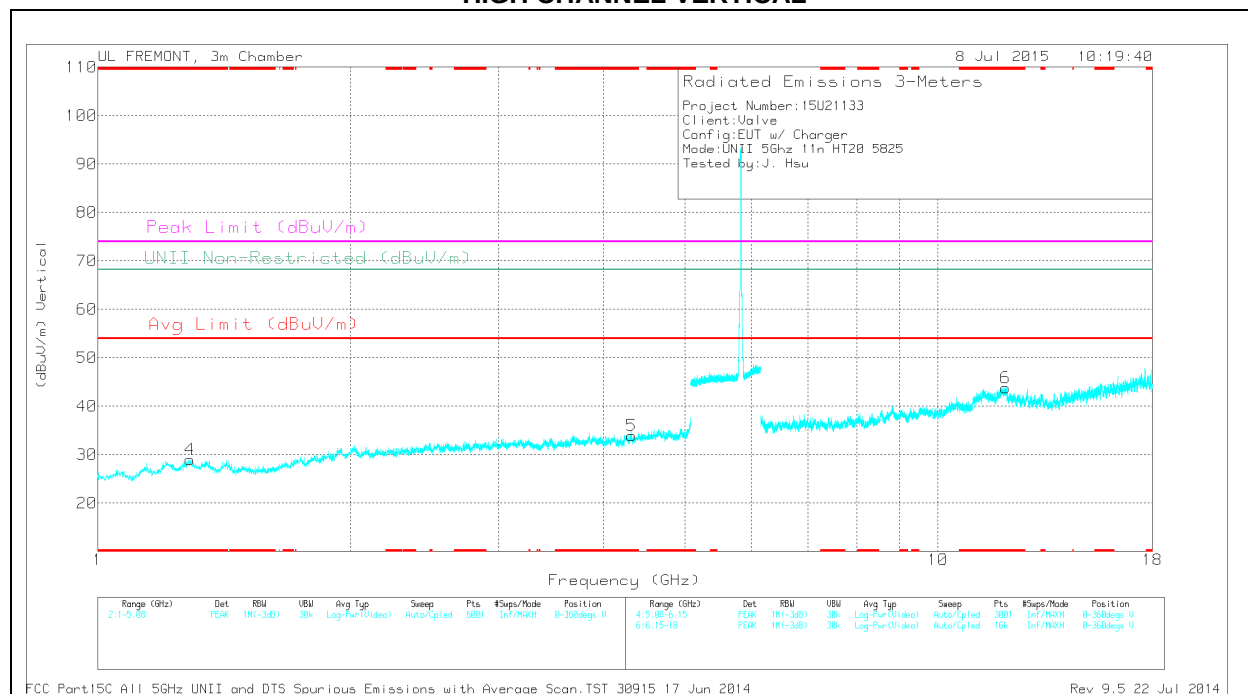
Rev 9.5 22 Jul 2014

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 T119 (dB/m)	Amp/Cbl/Fitr /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	* 1.213	32.57	PK	29.1	-32.7	28.97	-	-	74	-45.03	-	-	0-360	200	H
2	* 2.835	31.89	PK	32.6	-31.8	32.69	-	-	74	-41.31	-	-	0-360	200	H
3	* 3.883	33.31	PK	33.2	-29.9	36.61	-	-	74	-37.39	-	-	0-360	100	H
4	* 1.288	32.26	PK	29.8	-33	29.06	-	-	74	-44.94	-	-	0-360	100	V
5	* 4.322	29.99	PK	33.5	-29.6	33.89	-	-	74	-40.11	-	-	0-360	100	V
6	* 12.037	28.11	PK	39.1	-23.4	43.81	-	-	74	-30.19	-	-	0-360	100	V

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

PK - Peak detector

Radiated Emissions

Frequency (GHz)	Meter Reading (dBuV)	Det	AF T119 (dB/m)	Amp/Cbl/Fitr /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
* 1.213	42.14	PK1	29.1	-32.7	38.54	-	-	74	-35.46	-	-	360	100	H
* 1.211	30.25	AD1	29	-32.7	26.55	54	-27.45	-	-	-	-	360	100	H
* 2.835	40.57	PK1	32.6	-31.8	41.37	-	-	74	-32.63	-	-	360	100	H
* 2.837	29.48	AD1	32.6	-31.8	30.28	54	-23.72	-	-	-	-	360	100	H
* 3.884	40.07	PK1	33.2	-29.9	43.37	-	-	74	-30.63	-	-	360	100	H
* 3.883	29.5	AD1	33.2	-29.9	32.8	54	-21.2	-	-	-	-	360	100	H
* 1.289	41.72	PK1	29.8	-33	38.52	-	-	74	-35.48	-	-	360	100	V
* 1.287	30.03	AD1	29.8	-33	26.83	54	-27.17	-	-	-	-	360	100	V
* 4.324	39.69	PK1	33.5	-29.6	43.59	-	-	74	-30.41	-	-	360	100	V
* 4.321	28.07	AD1	33.5	-29.6	31.97	54	-22.03	-	-	-	-	360	100	V
* 12.039	37.11	PK1	39.1	-23.4	52.81	-	-	74	-21.19	-	-	360	100	V
* 12.038	25.47	AD1	39.1	-23.4	41.17	54	-12.83	-	-	-	-	360	100	V

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

PK1 - KDB789033 Method: Peak

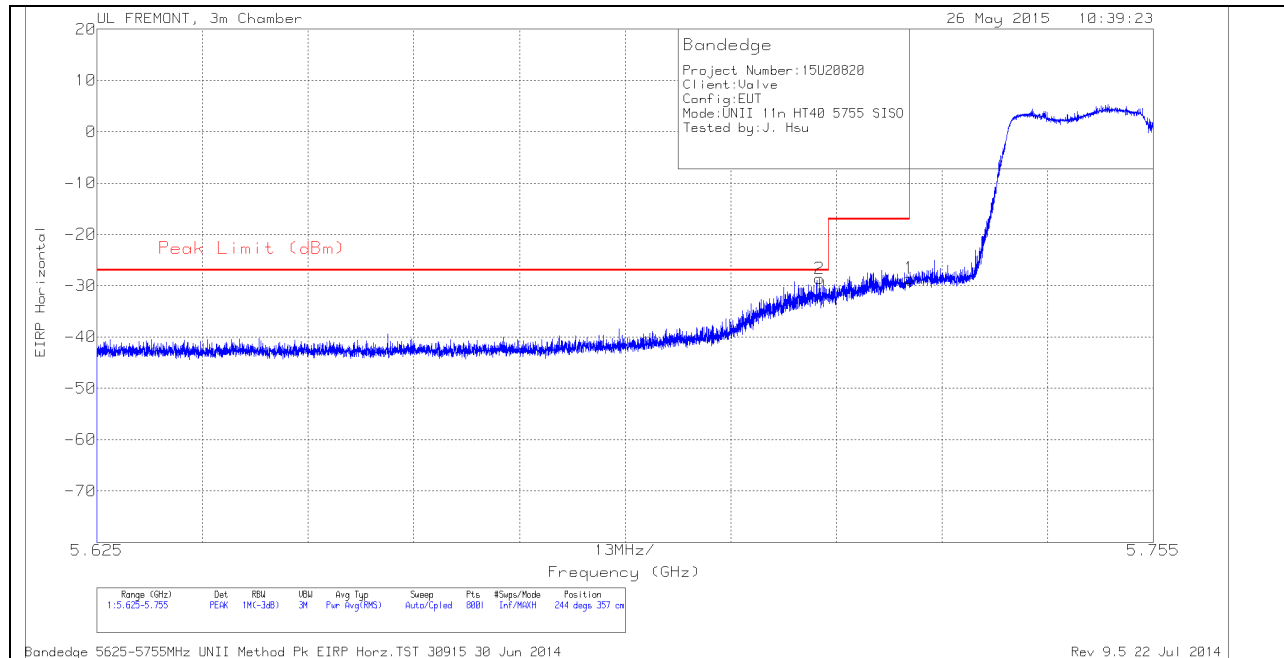
AD1 - KDB789033 Method: AD Primary Power Average

FCC Part15C All 5GHz UNII and DTS Spurious Emissions with Average Scan.TST 30915 17 Jun 2014

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12.4.3. 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

Trace Markers

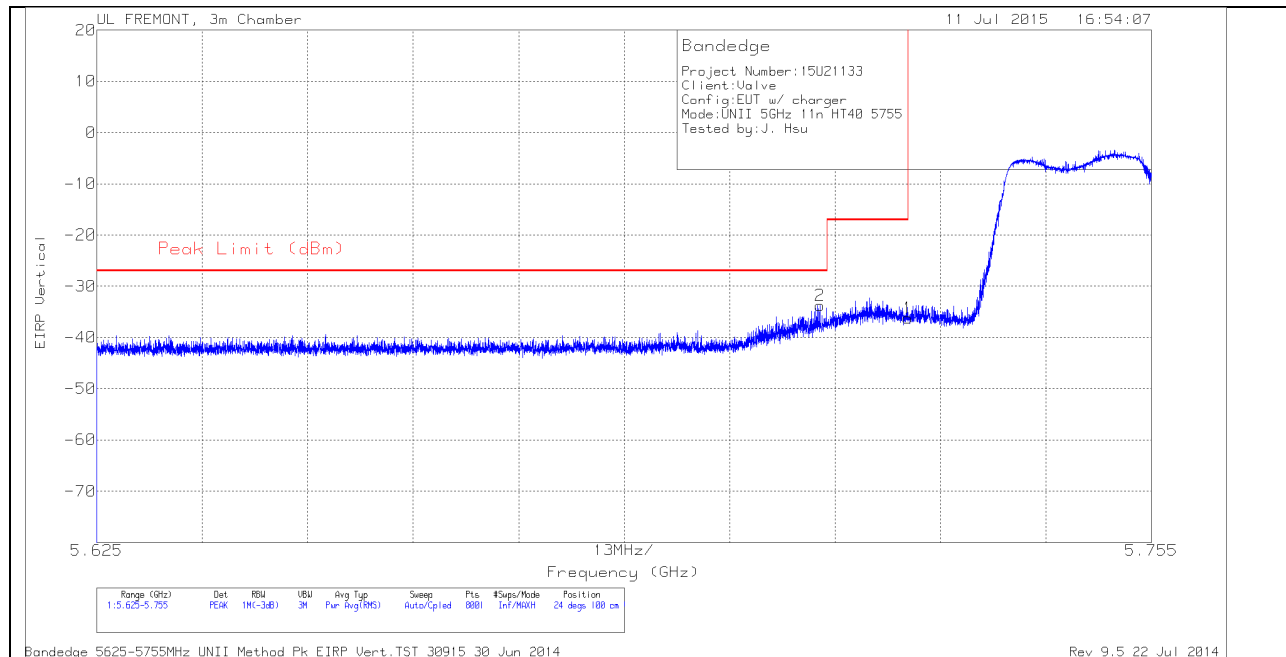
Marker	Frequency (GHz)	Meter Reading (dBm)	Det	AF T119 (dB/m)	Amp/Cbl/F ltr/Pad (dB)	Conversion Factor (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
2	5.714	-54.19	PK	34.8	-21	11.8	-28.59	-27	-1.59	244	357	H
1	5.725	-54.04	PK	34.8	-21.1	11.8	-28.54	-17	-11.54	244	357	H

PK - Peak detector

Bandedge 5625-5755MHz UNII Method Pk EIRP Horiz.TST 30915 30 Jun 2014

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VERTICAL PEAK AND AVERAGE PLOT



VERTICAL DATA

Trace Markers

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	-59.92	PK	34.8	-20.4	11.8	-33.72	-27	-6.72	24	100	V
1	5.725	-62.46	PK	34.8	-20.3	11.8	-36.16	-17	-19.16	24	100	V

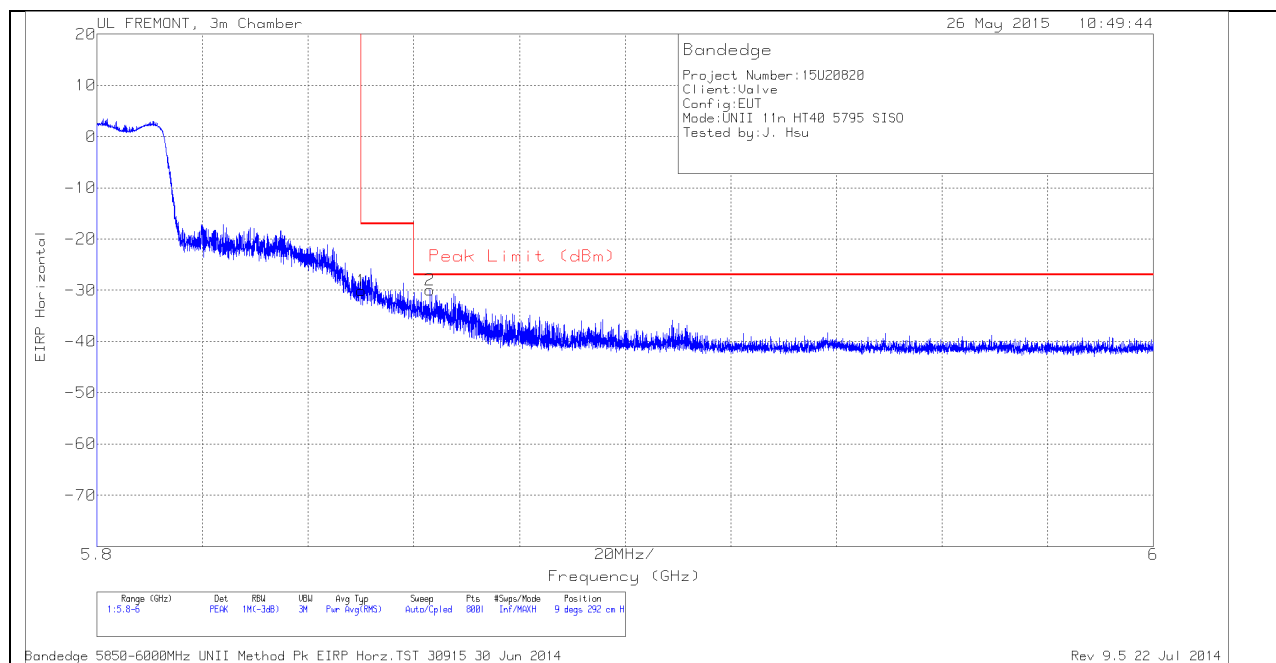
PK - Peak detector

Bandedge 5625-5755MHz UNII Method Pk EIRP Vert.TST 30915 30 Jun 2014

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AUTHORIZED BANDEDGE (HIGH CHANNEL)

HORIZONTAL PEAK AND AVERAGE PLOT



HORIZONTAL DATA

Trace Markers

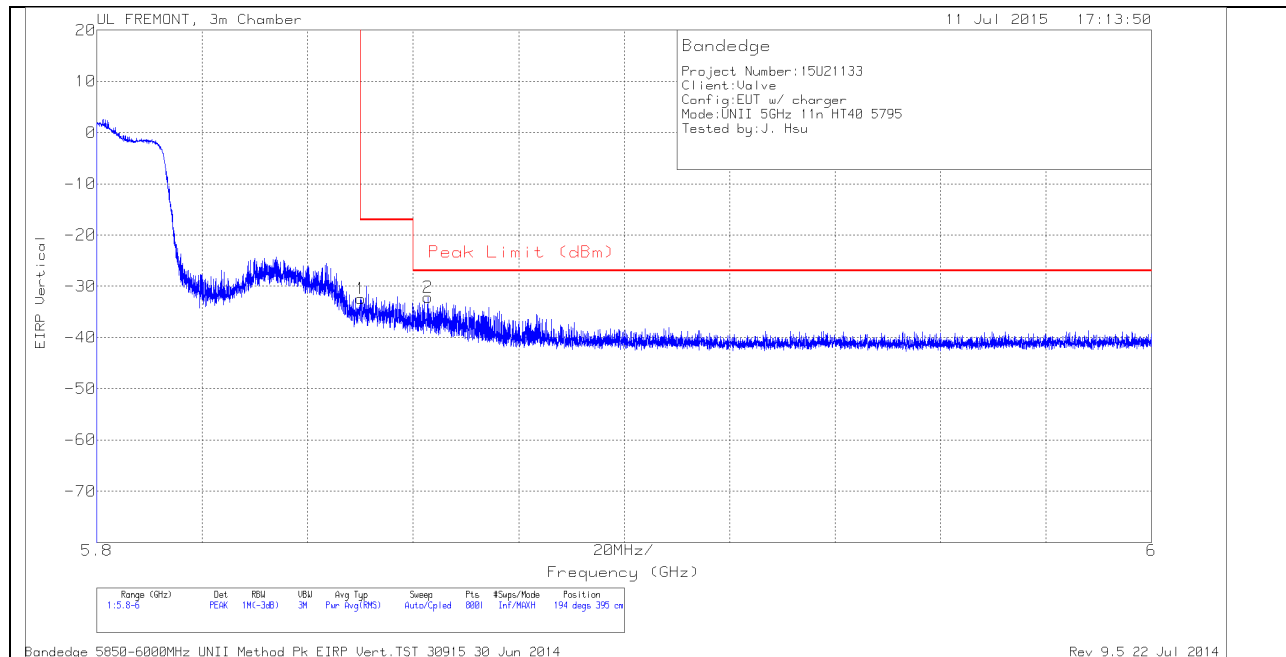
Marker	Frequency (GHz)	Meter Reading (dBm)	Det	AF T119 (dB/m)	Amp/Cbl/F ltr/Pad (dB)	Conversion Factor (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.85	-55.42	PK	34.9	-21.3	11.8	-30.02	-17	-13.02	9	292	H
2	5.863	-55.32	PK	34.9	-21.3	11.8	-29.92	-27	-2.92	9	292	H

PK - Peak detector

Bandedge 5850-6000MHz UNII Method Pk EIRP Horz.TST 30915 30 Jun 2014

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VERTICAL PEAK AND AVERAGE PLOT



VERTICAL DATA

Trace Markers

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	-58.56	PK	34.9	-20.6	11.8	-32.46	-17	-15.46	194	395	V
2	5.863	-58.33	PK	34.9	-20.5	11.8	-32.13	-27	-5.13	194	395	V

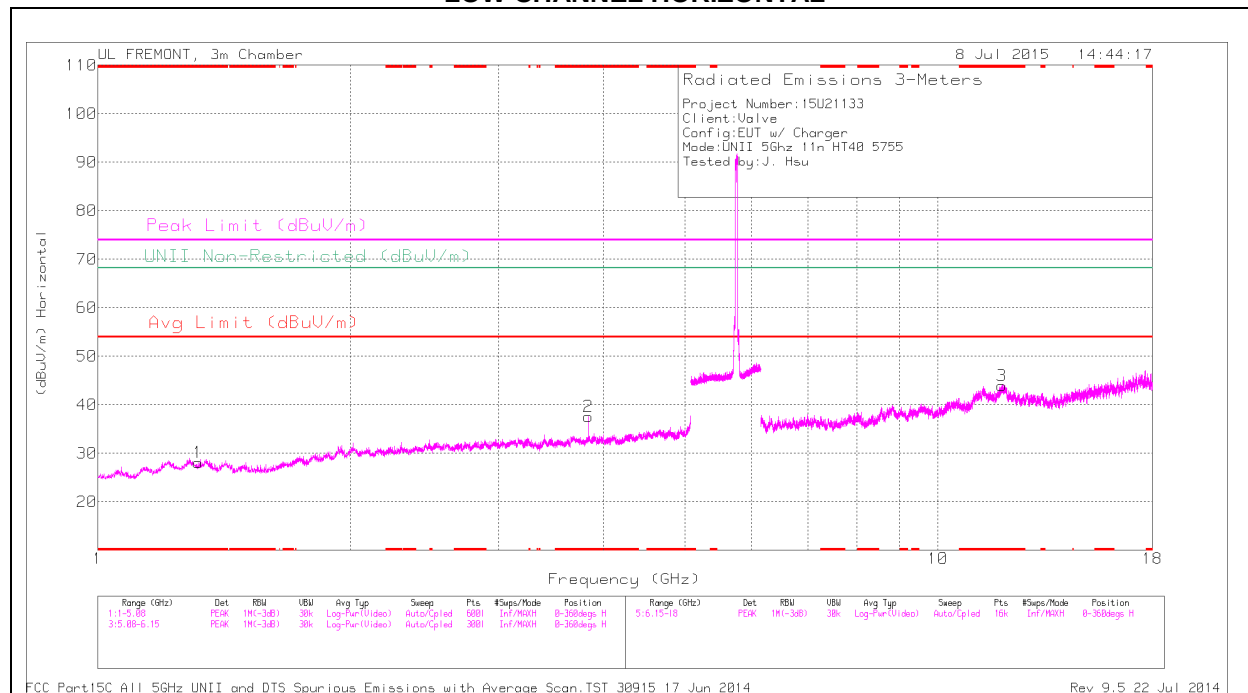
PK - Peak detector

Bandedge 5850-6000MHz UNII Method Pk EIRP Vert. TST 30915 30 Jun 2014

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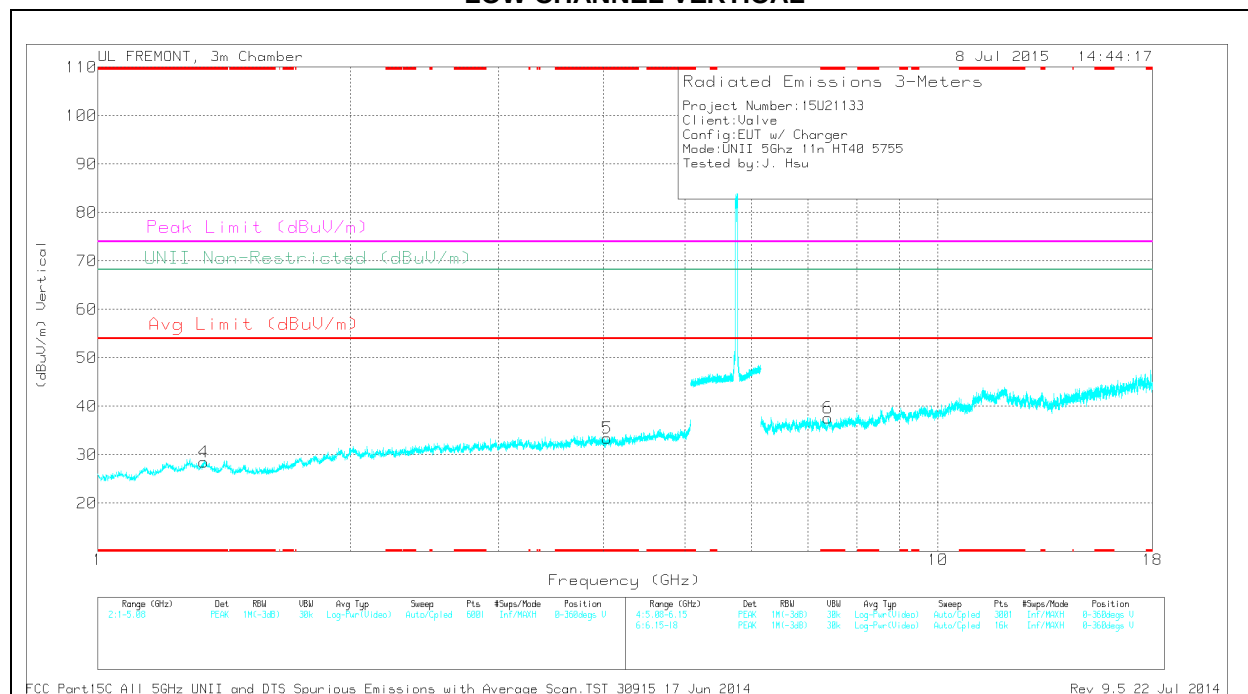
HARMONICS AND SPURIOUS EMISSIONS

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	* 1.317	31.44	PK	29.7	-33	0	28.14	-	-	74	-45.86	-	-	0-360	100	H
2	* 3.837	34.6	PK	33.1	-30.1	0	37.6	-	-	74	-36.4	-	-	0-360	100	H
4	* 1.337	31.87	PK	29.4	-32.8	0	28.47	-	-	74	-45.53	-	-	0-360	100	V
5	* 4.037	30.69	PK	33.2	-30.5	0	33.39	-	-	74	-40.61	-	-	0-360	200	V
3	* 11.917	28.39	PK	39.1	-23.6	0	43.89	-	-	74	-30.11	-	-	0-360	100	H
6	* 7.399	29.67	PK	35.6	-27.7	0	37.57	-	-	74	-36.43	-	-	0-360	100	V

* - indicates frequency in CFR15.205/IC7.2.2 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
* 1.319	40.78	PK1	29.7	-33	0	37.48	-	-	74	-36.52	-	-	360	100	H
* 1.316	29.22	AD1	29.7	-33	.8	26.72	54	-27.28	-	-	-	-	360	100	H
* 3.836	41.65	PK1	33.1	-30.1	0	44.65	-	-	74	-29.35	-	-	360	100	H
* 3.837	30.3	AD1	33.1	-30.1	.8	34.1	54	-19.9	-	-	-	-	360	100	H
* 1.338	41.77	PK1	29.4	-32.8	0	38.37	-	-	74	-35.63	-	-	360	100	V
* 1.339	29.83	AD1	29.4	-32.8	.8	27.23	54	-26.77	-	-	-	-	360	100	V
* 4.036	40.71	PK1	33.2	-30.6	0	43.31	-	-	74	-30.69	-	-	360	100	V
* 4.036	28.7	AD1	33.2	-30.5	.8	32.2	54	-21.8	-	-	-	-	360	100	V
* 11.915	37.15	PK1	39.1	-23.6	0	52.65	-	-	74	-21.35	-	-	360	100	H
* 11.918	25.92	AD1	39.1	-23.6	.8	42.22	54	-11.78	-	-	-	-	360	100	H
* 7.398	38.39	PK1	35.6	-27.7	0	46.29	-	-	74	-27.71	-	-	360	100	V
* 7.399	27.3	AD1	35.6	-27.7	.8	36	54	-18	-	-	-	-	360	100	V

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

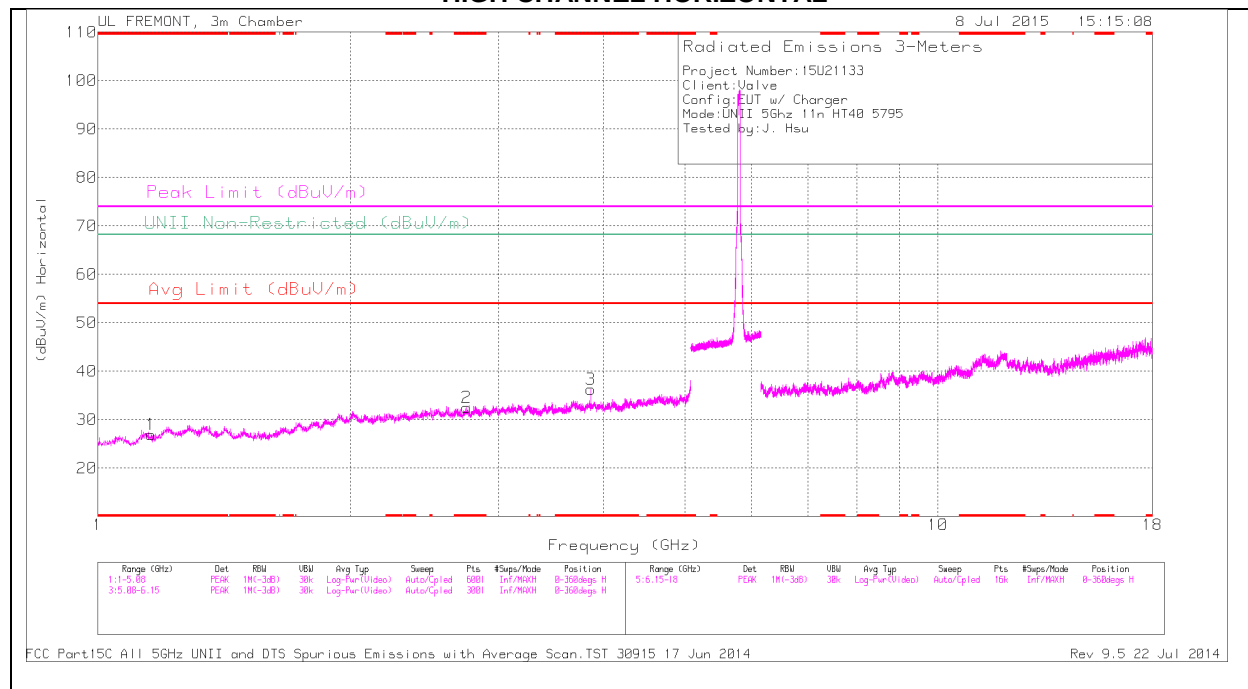
PK1 - KDB789033 Method: Peak

AD1 - KDB789033 Method: AD Primary Power Average

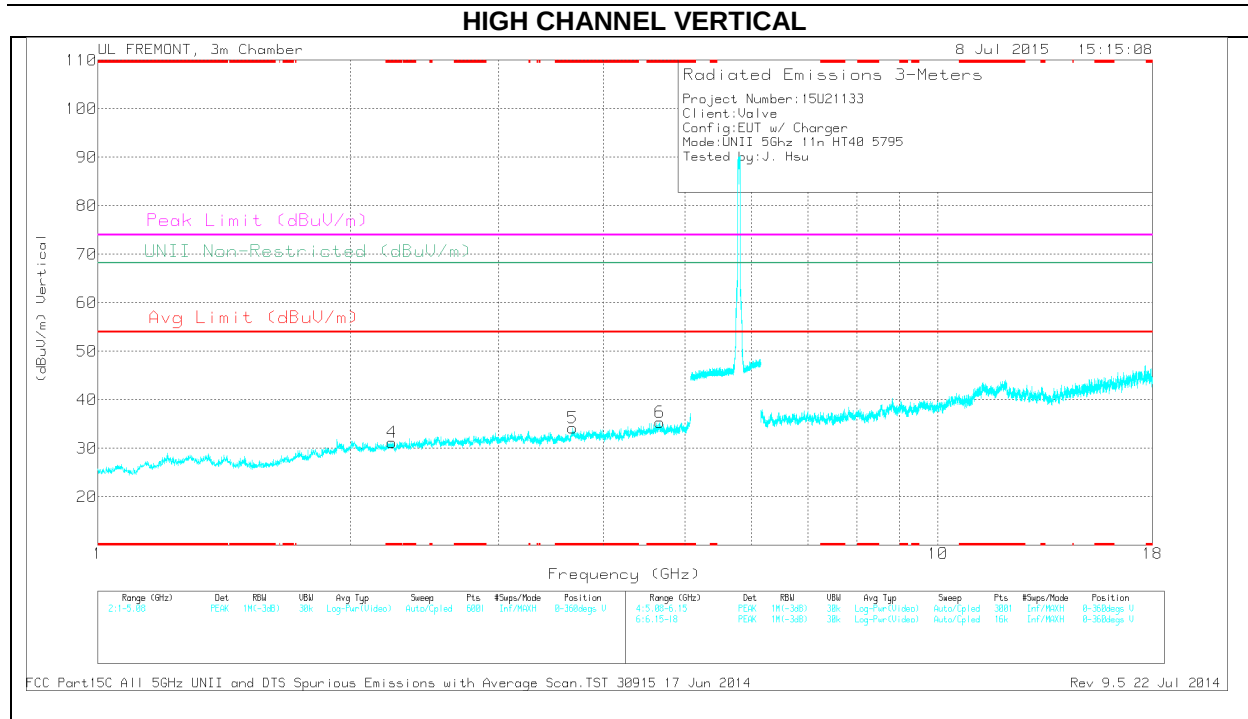
FCC Part15C All 5GHz UNII and DTS Spurious Emissions with Average Scan.TST 30915 17 Jun 2014

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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
1	* 1.158	31.37	PK	28.3	-32.7	0	26.97	-	-	74	-47.03	-	-	0-360	200	H
2	* 2.75	31.65	PK	32.4	-31.5	0	32.55	-	-	74	-41.45	-	-	0-360	100	H
3	* 3.863	33.38	PK	33.1	-30.2	0	36.28	-	-	74	-37.72	-	-	0-360	100	H
4	* 2.241	31.4	PK	31.5	-31.7	0	31.2	-	-	74	-42.8	-	-	0-360	200	V
5	* 3.677	30.86	PK	33	-29.7	0	34.16	-	-	74	-39.84	-	-	0-360	100	V
6	* 4.665	31.11	PK	34	-29.7	0	35.41	-	-	74	-38.59	-	-	0-360	200	V

* - indicates frequency in CFR15.205/IC7.2.2 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
* 1.159	40.77	PK1	28.3	-32.7	0	36.37	-	-	74	-37.63	-	-	360	100	H
* 1.156	29.31	AD1	28.2	-32.7	.8	25.61	54	-28.39	-	-	-	-	360	100	H
* 2.751	40.88	PK1	32.4	-31.5	0	41.78	-	-	74	-32.22	-	-	360	100	H
* 2.75	29.31	AD1	32.4	-31.5	.8	31.01	54	-22.99	-	-	-	-	360	100	H
* 3.863	40.04	PK1	33.1	-30.2	0	42.94	-	-	74	-31.06	-	-	360	100	H
* 3.863	29.27	AD1	33.1	-30.2	.8	32.97	54	-21.03	-	-	-	-	360	100	H
* 2.242	41.19	PK1	31.5	-31.7	0	40.99	-	-	74	-33.01	-	-	360	100	V
* 2.241	29.34	AD1	31.5	-31.7	.8	29.94	54	-24.06	-	-	-	-	360	100	V
* 3.676	39.88	PK1	33	-29.7	0	43.18	-	-	74	-30.82	-	-	360	100	V
* 3.677	28.37	AD1	33	-29.7	.8	32.47	54	-21.53	-	-	-	-	360	100	V
* 4.666	40.39	PK1	34	-29.7	0	44.69	-	-	74	-29.31	-	-	360	100	V
* 4.666	28.53	AD1	34	-29.7	.8	33.63	54	-20.37	-	-	-	-	360	100	V

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

PK1 - KDB789033 Method: Peak

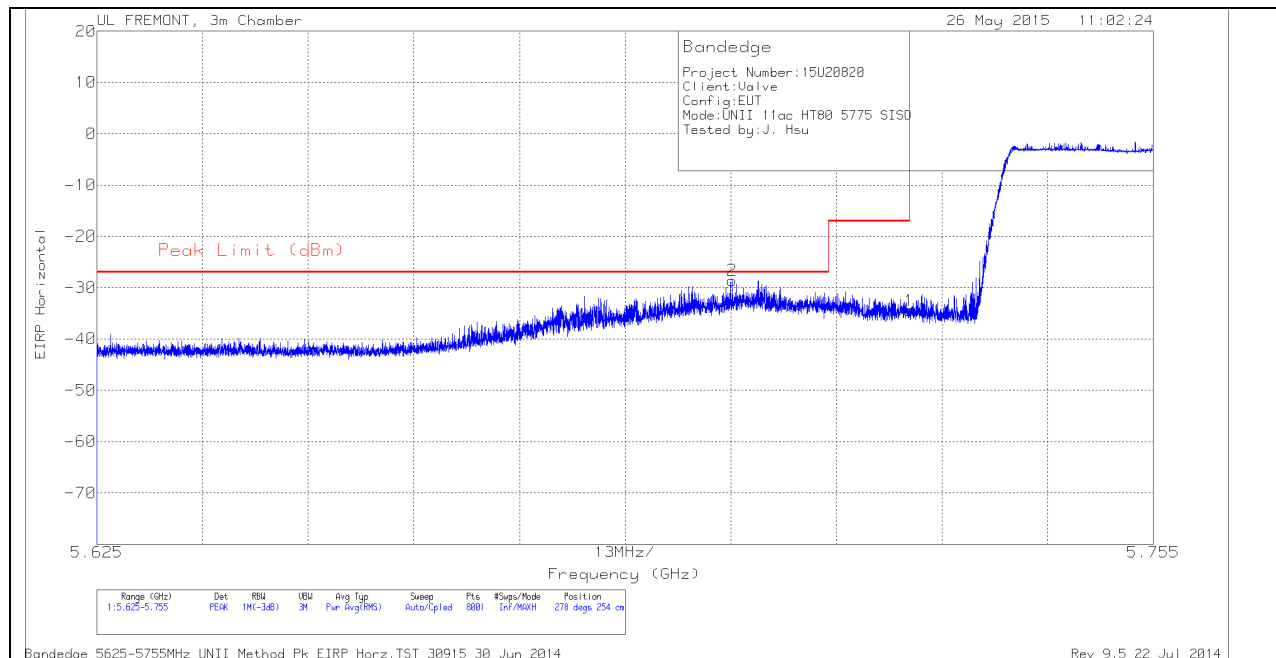
AD1 - KDB789033 Method: AD Primary Power Average

FCC Part15C All 5GHz UNII and DTS Spurious Emissions with Average Scan.TST 30915 17 Jun 2014

Rev 9.5 22 Jul 2014

12.4.4. 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

Trace Markers

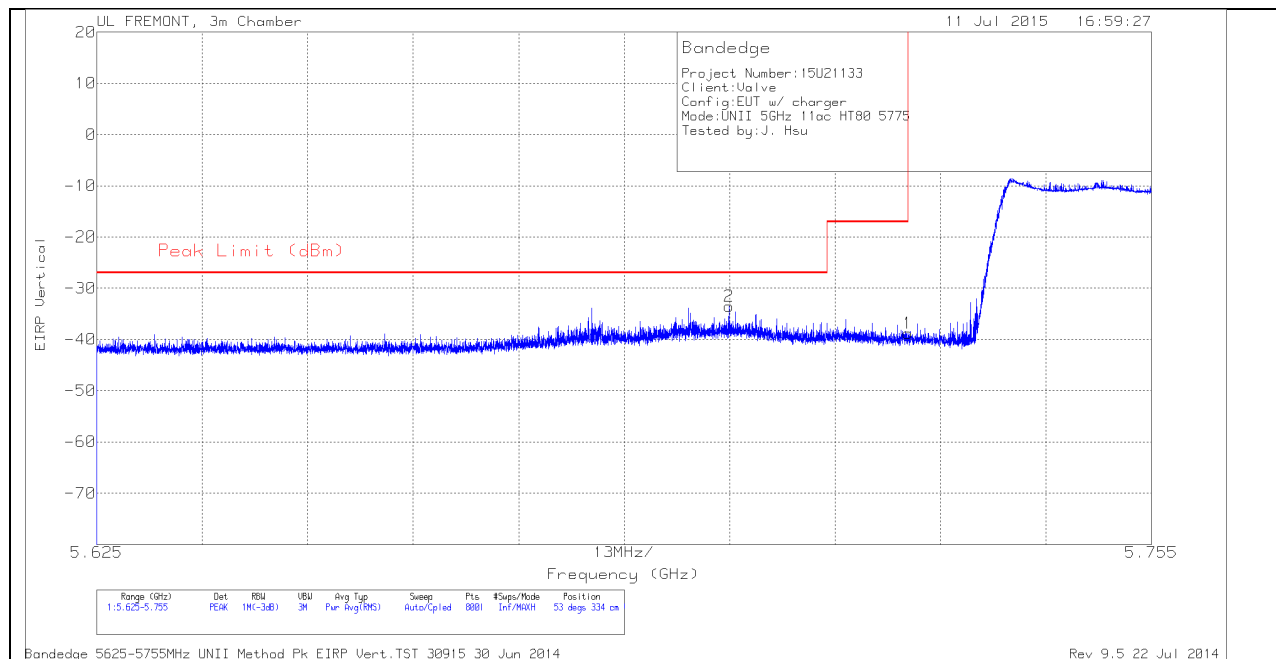
Marker	Frequency (GHz)	Meter Reading (dBm)	Det	AF T119 (dB/m)	Amp/Cbl/F ltr/Pad (dB)	Conversion Factor (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
2	5.703	-54.06	PK	34.7	-21	11.8	-28.56	-27	-1.56	278	254	H
1	5.725	-60.04	PK	34.8	-21.1	11.8	-34.54	-17	-17.54	278	254	H

PK - Peak detector

Bandedge 5625-5755MHz UNII Method Pk EIRP Horiz.TST 30915 30 Jun 2014

Rev 9.5 22 Jul 2014

VERTICAL PEAK AND AVERAGE PLOT



VERTICAL DATA

Trace Markers

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	5.703	-59.67	PK	34.7	-20.3	11.8	-33.47	-27	-6.47	53	334	V
1	5.725	-65.15	PK	34.8	-20.3	11.8	-38.85	-17	-21.85	53	334	V

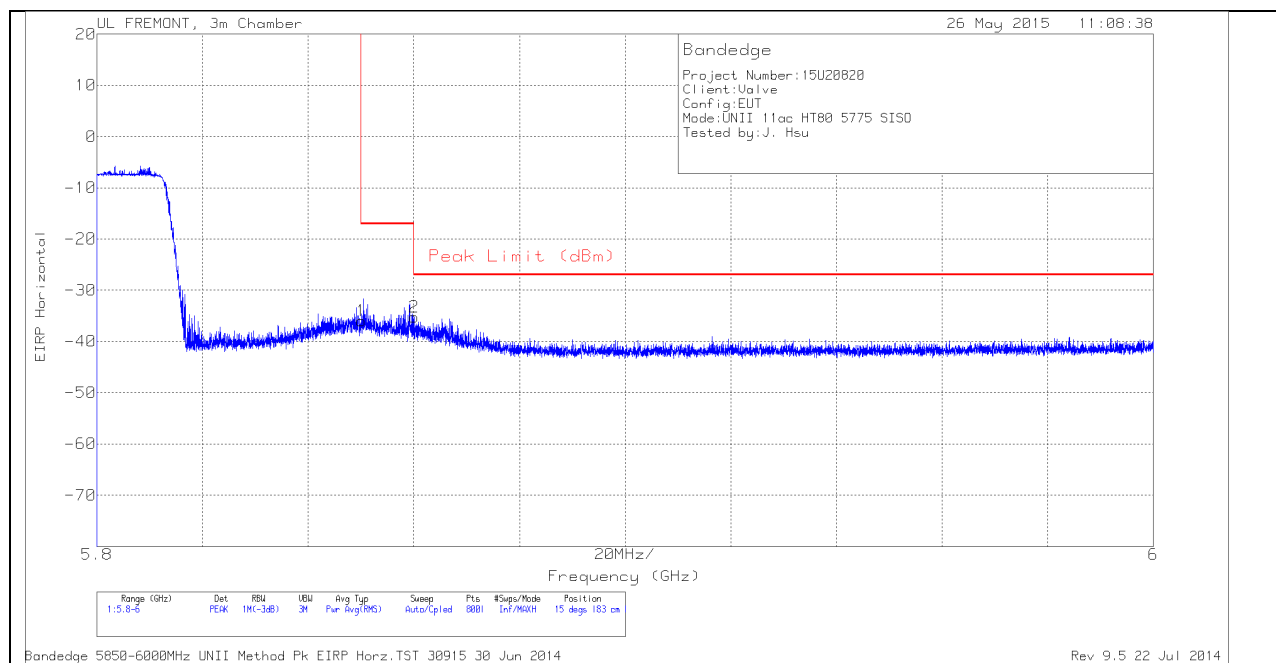
PK - Peak detector

Bandedge 5625-5755MHz UNII Method Pk EIRP Vert. TST 30915 30 Jun 2014

Rev 9.5 22 Jul 2014

AUTHORIZED BANDEDGE (HIGH CHANNEL)

HORIZONTAL PEAK AND AVERAGE PLOT



HORIZONTAL DATA

Trace Markers

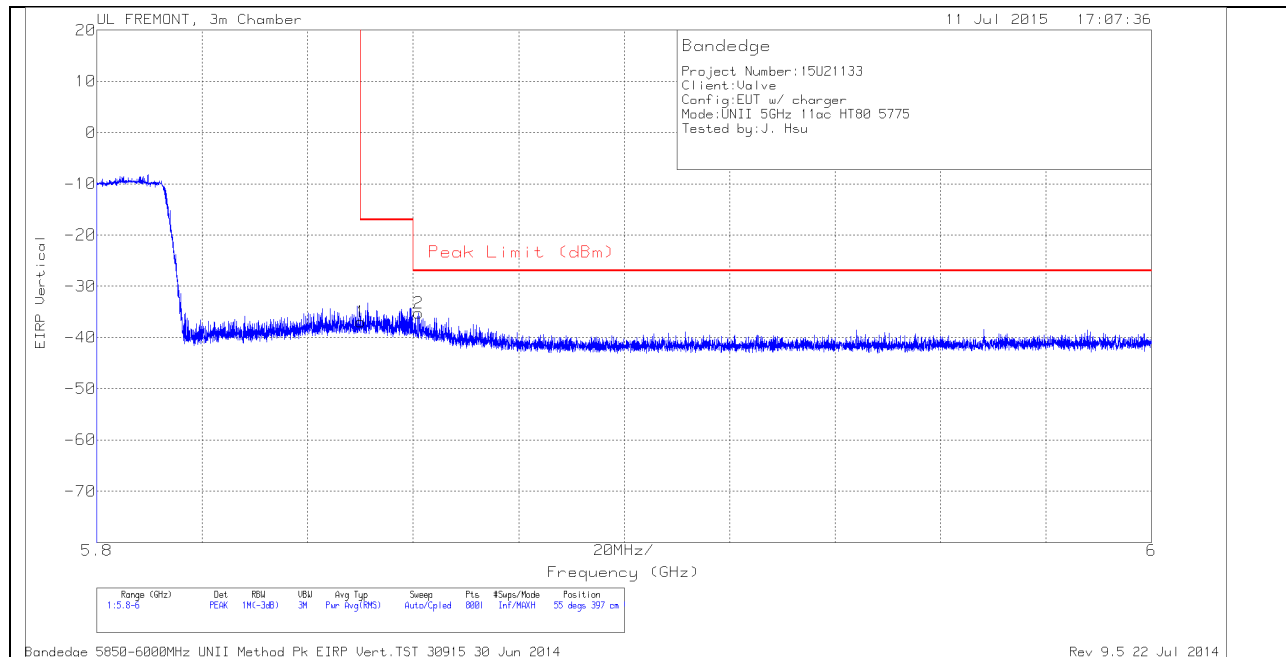
Marker	Frequency (GHz)	Meter Reading (dBm)	Det	AF T119 (dB/m)	Amp/Cbl/F ltr/Pad (dB)	Conversion Factor (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.85	-61.39	PK	34.9	-21.3	11.8	-35.99	-17	-18.99	15	183	H
2	5.86	-60.67	PK	34.9	-21.3	11.8	-35.27	-27	-8.27	15	183	H

PK - Peak detector

Bandedge 5850-6000MHz UNII Method Pk EIRP Horz.TST 30915 30 Jun 2014

Rev 9.5 22 Jul 2014

VERTICAL PEAK AND AVERAGE PLOT



VERTICAL DATA

Trace Markers

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	-63.01	PK	34.9	-20.6	11.8	-36.91	-17	-19.91	55	397	V
2	5.861	-61.41	PK	34.9	-20.5	11.8	-35.21	-27	-8.21	55	397	V

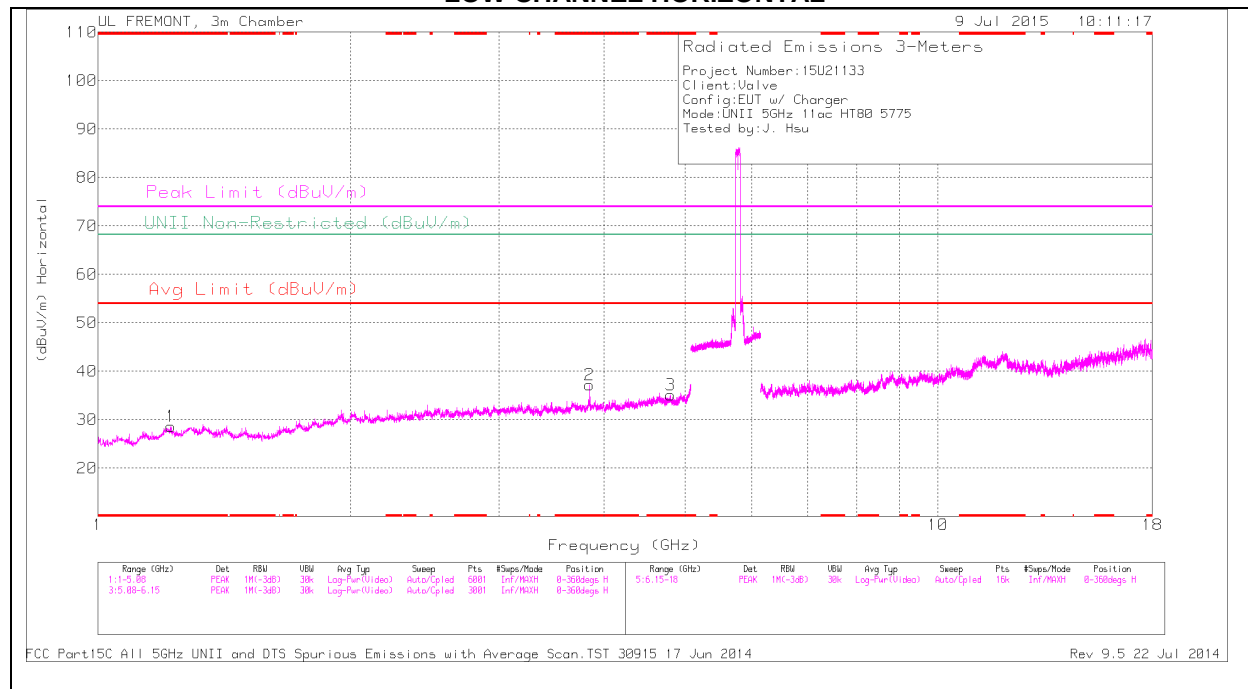
PK - Peak detector

Bandedge 5850-6000MHz UNII Method Pk EIRP Vert.TST 30915 30 Jun 2014

Rev 9.5 22 Jul 2014

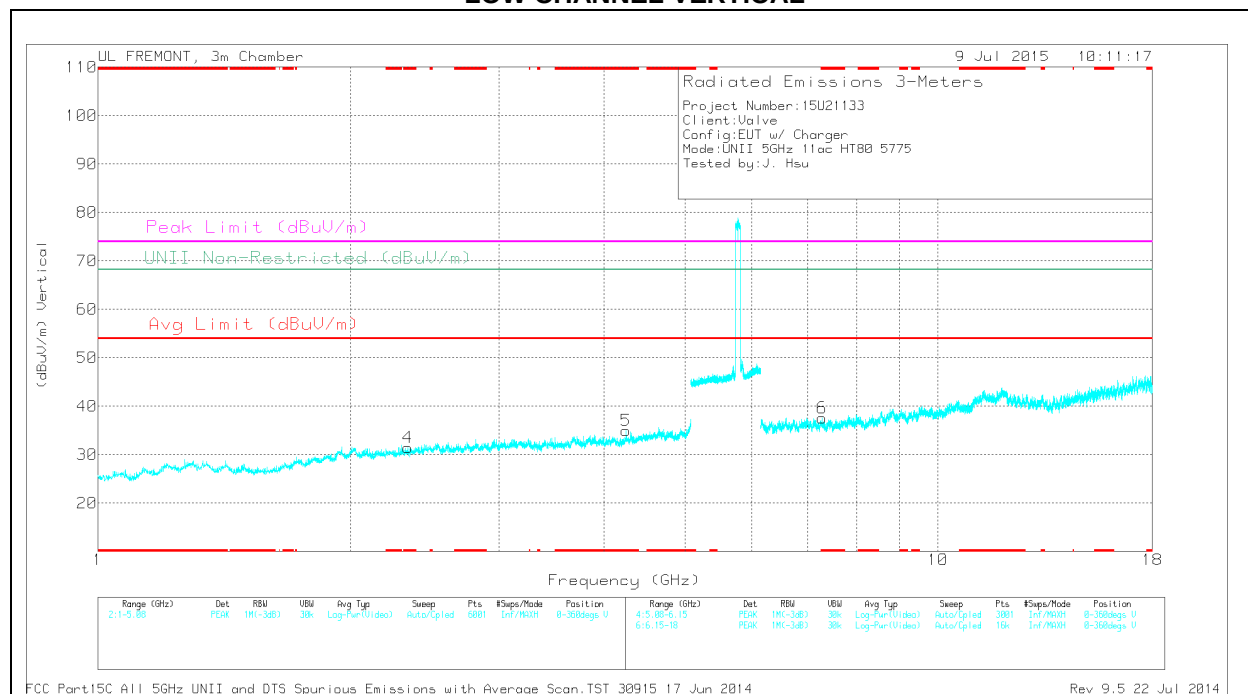
HARMONICS AND SPURIOUS EMISSIONS

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	* 1.222	32.2	PK	29.1	-32.7	0	28.6	-	-	74	-45.4	-	-	0-360	200	H
2	* 3.85	34.15	PK	33.1	-30.1	0	37.15	-	-	74	-36.85	-	-	0-360	100	H
3	* 4.803	30.4	PK	34	-29.3	0	35.1	-	-	74	-38.9	-	-	0-360	100	H
4	* 2.338	31.64	PK	31.8	-32	0	31.44	-	-	74	-42.56	-	-	0-360	200	V
5	* 4.25	31.53	PK	33.4	-30	0	34.93	-	-	74	-39.07	-	-	0-360	200	V
6	* 7.276	30.44	PK	35.6	-28.5	0	37.54	-	-	74	-36.46	-	-	0-360	100	V

* - indicates frequency in CFR15.205/IC7.2.2 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
* 1.221	42	PK1	29.1	-32.7	0	38.4	-	-	74	-35.6	-	-	0	100	H
* 1.22	29.86	AD1	29.1	-32.7	1.02	27.28	54	-26.72	-	-	-	-	0	100	H
* 3.85	40.6	PK1	33.1	-30.1	0	43.6	-	-	74	-30.4	-	-	0	100	H
* 3.85	30.39	AD1	33.1	-30.1	1.02	34.41	54	-19.59	-	-	-	-	0	100	H
* 4.803	39.49	PK1	34	-29.3	0	44.19	-	-	74	-29.81	-	-	0	100	H
* 4.801	28.6	AD1	34	-29.3	1.02	34.32	54	-19.68	-	-	-	-	0	100	H
* 2.337	40.55	PK1	31.8	-32	0	40.35	-	-	74	-33.65	-	-	0	100	V
* 2.338	29.41	AD1	31.8	-32	1.02	30.23	54	-23.77	-	-	-	-	0	100	V
* 4.25	40.38	PK1	33.4	-30	0	43.78	-	-	74	-30.22	-	-	0	100	V
* 4.25	28.84	AD1	33.4	-30	1.02	33.26	54	-20.74	-	-	-	-	0	100	V
* 7.276	38.8	PK1	35.6	-28.5	0	45.9	-	-	74	-28.1	-	-	0	100	V
* 7.278	27.83	AD1	35.6	-28.5	1.02	35.95	54	-18.05	-	-	-	-	0	100	V

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

PK1 - KDB789033 Method: Peak

AD1 - KDB789033 Method: AD Primary Power Average

FCC Part15C All 5GHz UNII and DTS Spurious Emissions with Average Scan.TST 30915 17 Jun 2014

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13. TRANSMITTER ABOVE 1 GHz MIMO

LIMITS

FCC §15.205 and §15.209
RSS-GEN 8.9
RSS-247 6

Frequency Range (MHz)	Field Strength Limit (uV/m) at 3 m	Field Strength Limit (dBuV/m) at 3 m
30 - 88	100	40
88 - 216	150	43.5
216 - 960	200	46
Above 960	500	54

TEST PROCEDURE

The EUT is placed on a non-conducting table 80 cm above the ground plane for below 1GHz and 150cm for above 1GHz. The antenna to EUT distance is 3 meters.

For measurements below 1 GHz the resolution bandwidth is set to 100 kHz for peak detection measurements or 120 kHz for quasi-peak detection measurements. Peak detection is used unless otherwise noted as quasi-peak.

Reference to KDB 789033 UNII part H) 6) d) Method VB:

For measurements above 1 GHz the resolution bandwidth is set to 1 MHz; the video bandwidth is set to 3 MHz for peak measurements and add duty cycle factor to the reading offset for average measurements.

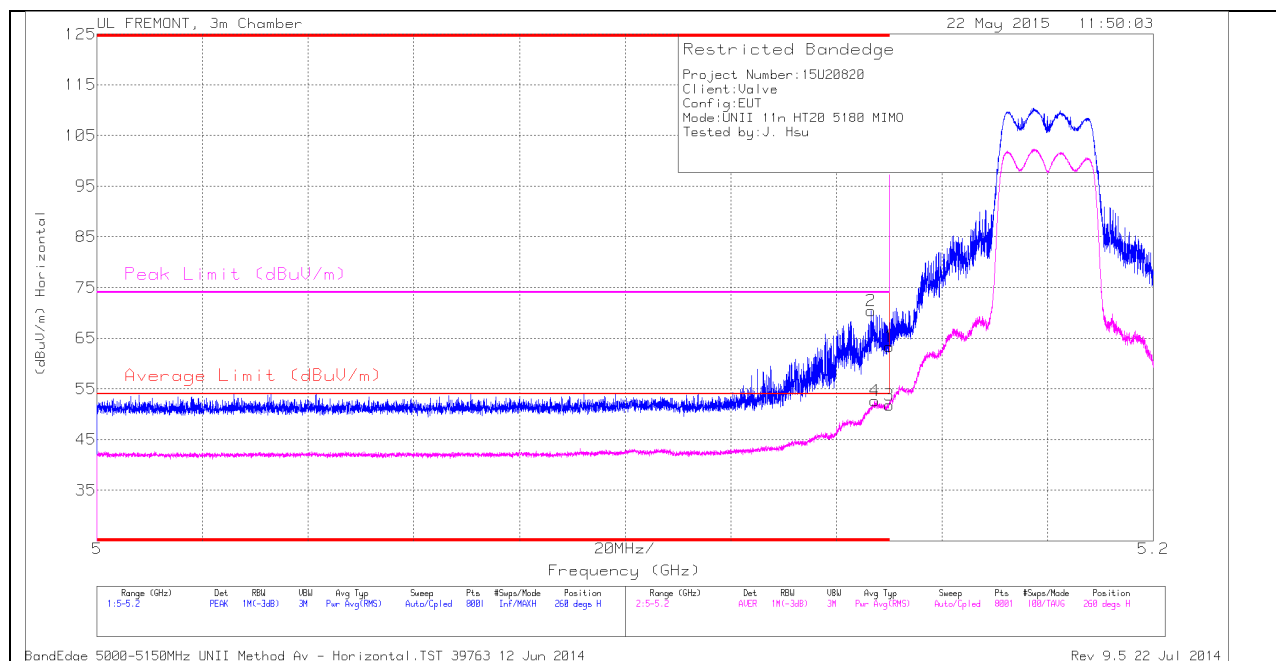
The spectrum from 30 MHz to 40 GHz is investigated with the transmitter set to the lowest, middle, and highest channels in each applicable band.

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

13.1. 5.2 GHz

13.1.1. TX ABOVE 1 GHz 802.11n HT20 MODE IN THE 5.2 GHz BAND RESTRICTED BANDEDGE (LOW CHANNEL)

HORIZONTAL PEAK AND AVERAGE PLOT



HORIZONTAL DATA

Trace Markers

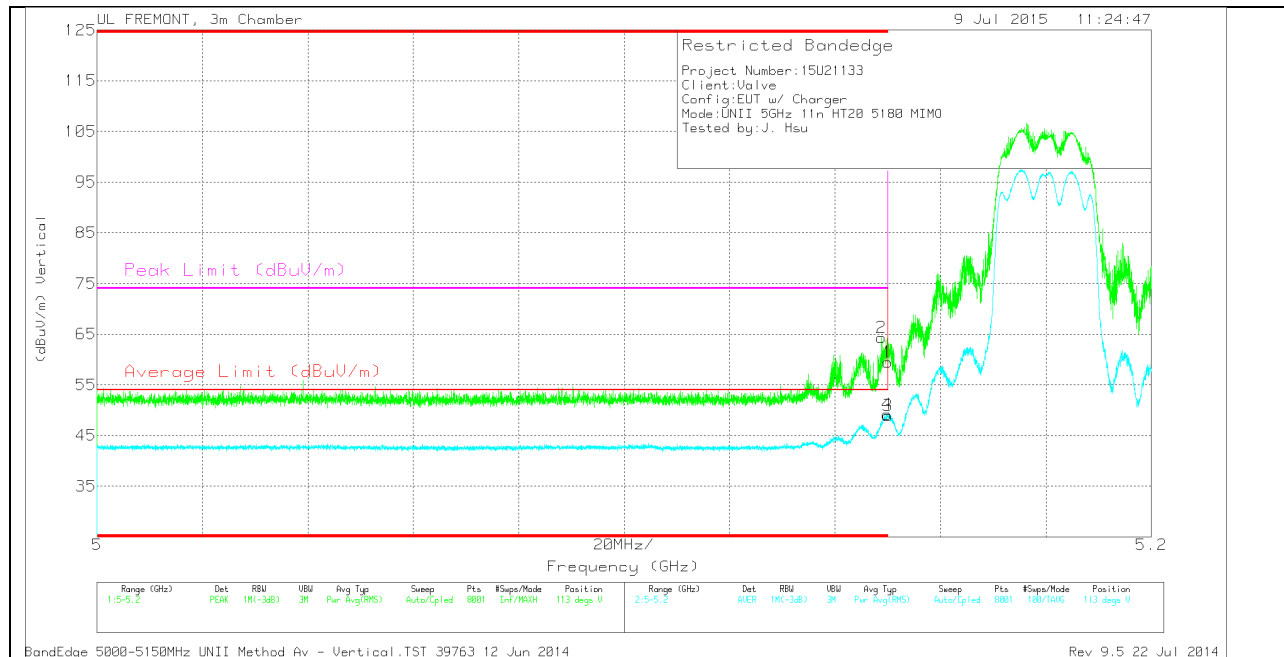
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T119 (dB/m)	Amp/Cbl/ Ftr/Pad (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 5.15	50.73	PK	34.2	-21.6	63.33	-	-	74	-10.67	260	299	H
2	* 5.147	57.86	PK	34.2	-21.6	70.46	-	-	74	-3.54	260	299	H
3	* 5.15	39.23	RMS	34.2	-21.6	51.83	54	-2.17	-	-	260	299	H
4	* 5.147	40.04	RMS	34.2	-21.6	52.64	54	-1.36	-	-	260	299	H

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

PK - Peak detector

RMS - RMS detection

VERTICAL PEAK AND AVERAGE PLOT



VERTICAL DATA

Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T119 (dB/m)	Amp/Cbl/ Filt/Pad (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 5.15	46.05	PK	34.2	-20.8	59.45	-	-	74	-14.55	113	103	V
2	* 5.149	50.9	PK	34.2	-20.8	64.3	-	-	74	-9.7	113	103	V
3	* 5.15	35.49	RMS	34.2	-20.8	48.89	54	-5.11	-	-	113	103	V
4	* 5.15	35.8	RMS	34.2	-20.8	49.2	54	-4.8	-	-	113	103	V

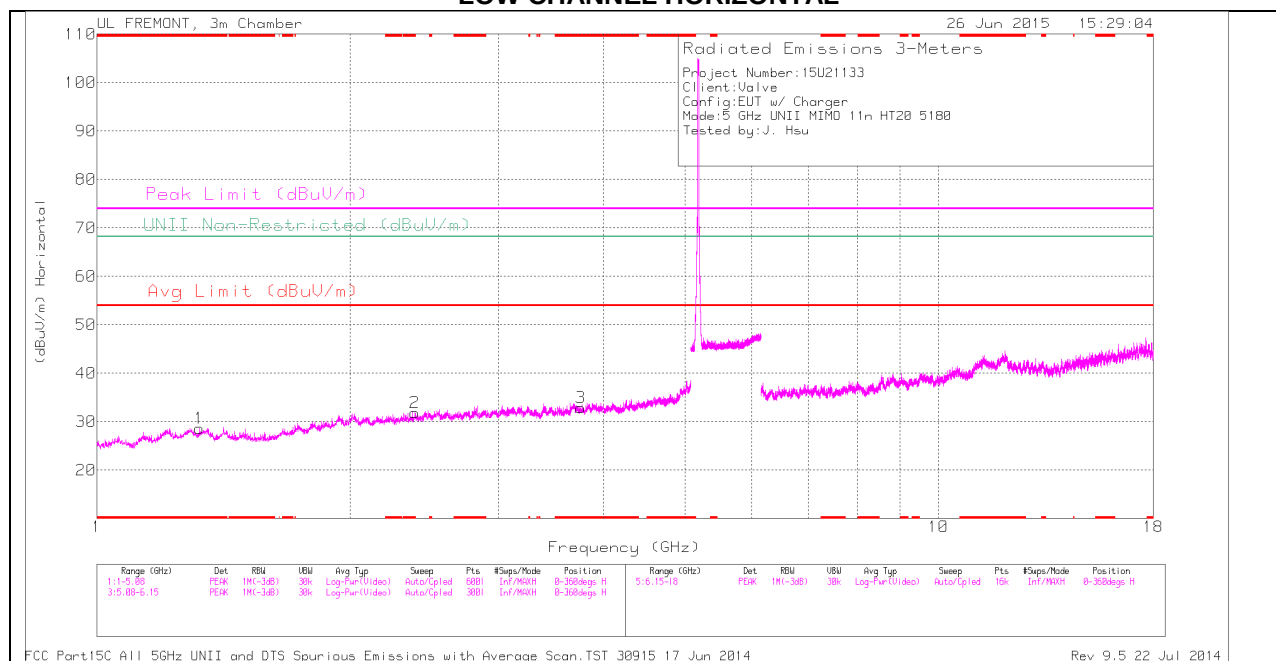
* - indicates frequency in CFR15.205/IC7.2.2 Restricted Band

PK - Peak detector

RMS - RMS detection

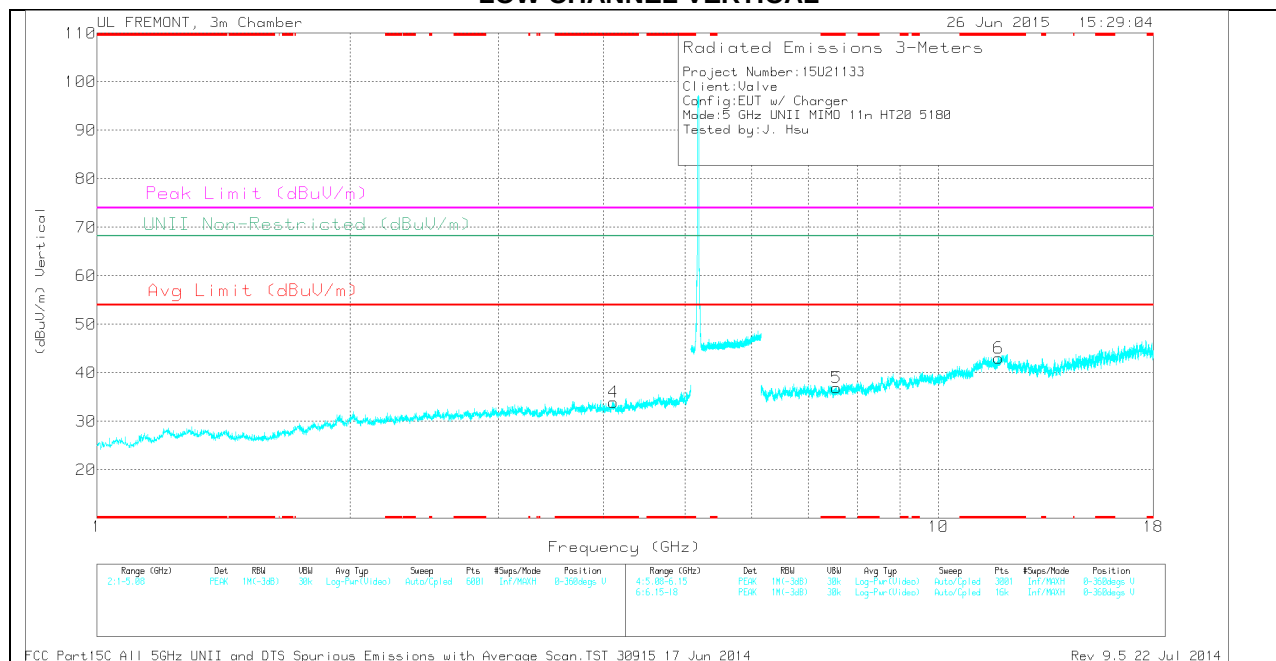
HARMONICS AND SPURIOUS EMISSIONS

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/Chl/ 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	* 1.324	32.03	PK	29.6	-33	0	28.63	-	-	74	-45.37	-	-	0-360	100	H
2	* 2.387	31.86	PK	32	-32	0	31.86	-	-	74	-42.14	-	-	0-360	200	H
3	* 3.756	30.84	PK	33.1	-31	0	32.94	-	-	74	-41.06	-	-	0-360	200	H
4	* 4.112	30.98	PK	33.3	-30.3	0	33.98	-	-	74	-40.02	-	-	0-360	200	V
5	* 7.563	28.55	PK	35.7	-27.3	0	36.95	-	-	74	-37.05	-	-	0-360	100	V
6	* 11.783	26.98	PK	39	-23	0	42.98	-	-	74	-31.02	-	-	0-360	200	V

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

PK - Peak detector

Radiated Emissions

Frequency (GHz)	Meter Reading (dBuV)	Det	AF T119 (dB/m)	Amp/Chl/ 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
* 1.325	40.65	PK2	29.6	-33	0	37.25	-	-	74	-36.75	-	-	0	100	H
* 1.326	29.37	MAV1	29.6	-33	.11	26.08	54	-27.92	-	-	-	-	0	100	H
* 2.387	41.11	PK2	32	-32	0	41.11	-	-	74	-32.89	-	-	0	100	H
* 2.387	29.6	MAV1	32	-32	.11	29.71	54	-24.29	-	-	-	-	0	100	H
* 3.756	40.48	PK2	33.1	-31	0	42.58	-	-	74	-31.42	-	-	0	100	H
* 3.758	28.68	MAV1	33.1	-31.1	.11	30.79	54	-23.21	-	-	-	-	0	100	H
* 4.111	40.68	PK2	33.3	-30.3	0	43.68	-	-	74	-30.32	-	-	0	100	V
* 4.11	28.81	MAV1	33.3	-30.3	.11	31.92	54	-22.08	-	-	-	-	0	100	V
* 7.561	38.53	PK2	35.7	-27.4	0	46.83	-	-	74	-27.17	-	-	0	100	V
* 7.562	27.3	MAV1	35.7	-27.4	.11	35.71	54	-18.29	-	-	-	-	0	100	V
* 11.782	37.05	PK2	39	-23	0	53.05	-	-	74	-20.95	-	-	0	100	V
* 11.781	25.85	MAV1	39	-23	.11	41.96	54	-12.04	-	-	-	-	0	100	V

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

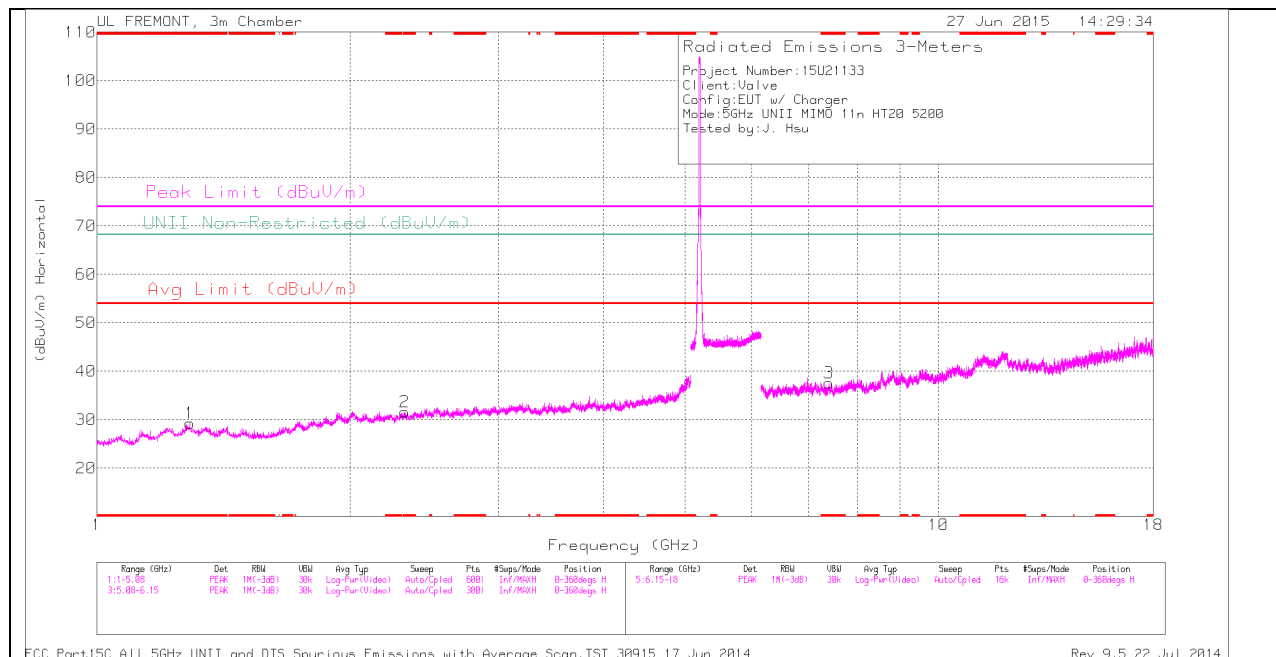
PK2 - KDB558074 Method: Maximum Peak

MAV1 - KDB558074 Option 1 Maximum RMS Average

FCC Part15C All 5GHz UNII and DTS Spurious Emissions with Average Scan.TST 30915 17 Jun 2014

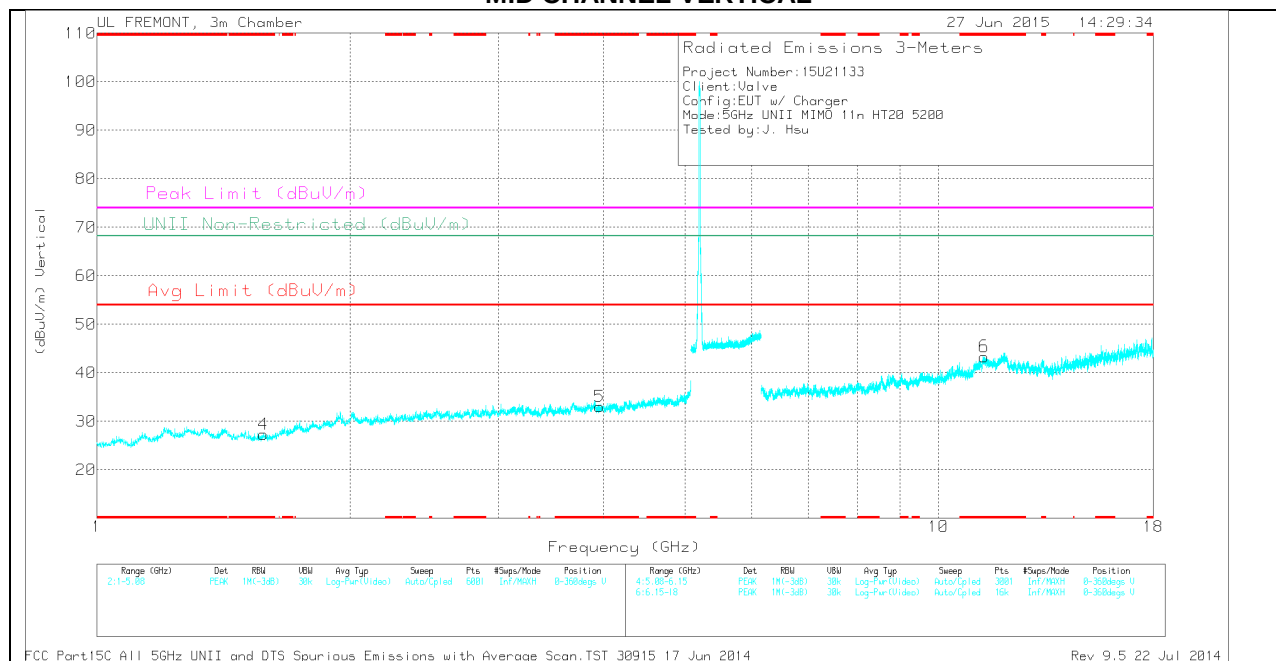
Rev 9.5 22 Jul 2014

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/Cb/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	* 1.29	32.47	PK	29.8	-33	29.27	-	-	74	-44.73	-	-	0-360	100	H
4	* 1.577	32.16	PK	28	-32.8	27.36	-	-	74	-46.64	-	-	0-360	200	V
6	* 11.34	27.96	PK	38.1	-22.7	43.36	-	-	74	-30.64	-	-	0-360	200	V
2	* 2.323	31.92	PK	31.7	-32	31.62	-	-	74	-42.38	-	-	0-360	100	H
5	* 3.957	30.59	PK	33.2	-30.8	32.99	-	-	74	-41.01	-	-	0-360	100	V
3	* 7.409	29.33	PK	35.6	-27.4	37.53	-	-	74	-36.47	-	-	0-360	200	H

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

PK - Peak detector

Radiated Emissions

Frequency (GHz)	Meter Reading (dBuV)	Det	AF T119 (dB/m)	Amp/Cb/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
* 1.292	41.93	PK1	29.8	-33	38.73	-	-	74	-35.27	-	-	0	100	H
* 1.289	30.01	AD1	29.8	-33	26.81	54	-27.19	-	-	-	-	0	100	H
* 2.325	41.16	PK1	31.7	-31.9	40.96	-	-	74	-33.04	-	-	0	100	H
* 2.323	29.47	AD1	31.7	-32	29.17	54	-24.83	-	-	-	-	0	100	H
* 1.576	41.47	PK1	28	-32.8	36.67	-	-	74	-37.33	-	-	0	100	V
* 1.575	29.98	AD1	28	-32.8	25.18	54	-28.82	-	-	-	-	0	100	V
* 3.956	40.32	PK1	33.2	-30.7	42.82	-	-	74	-31.18	-	-	0	100	V
* 3.958	28.96	AD1	33.2	-30.8	31.36	54	-22.64	-	-	-	-	0	100	V
* 7.409	38.62	PK1	35.6	-27.4	46.82	-	-	74	-27.18	-	-	0	100	H
* 7.409	27.25	AD1	35.6	-27.3	35.55	54	-18.45	-	-	-	-	0	100	H
* 11.341	37.76	PK1	38.1	-22.7	53.16	-	-	74	-20.84	-	-	0	100	V
* 11.342	25.64	AD1	38.1	-22.7	41.04	54	-12.96	-	-	-	-	0	100	V

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

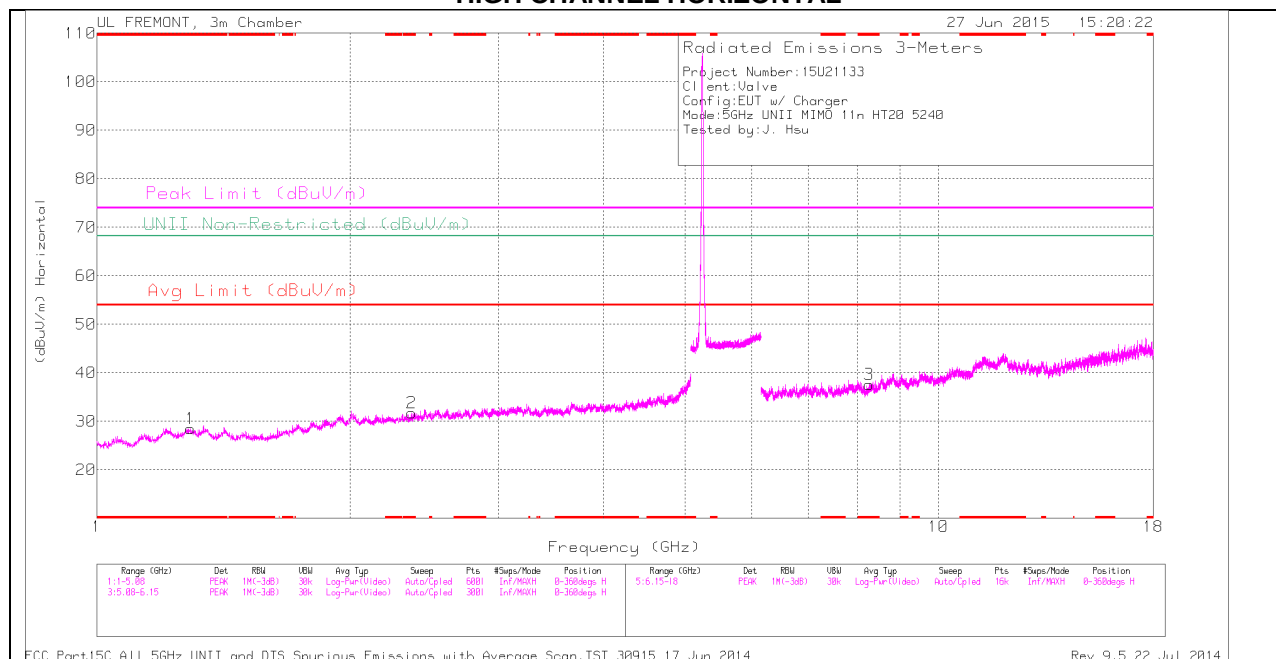
PK1 - KDB789033 Method: Peak

AD1 - KDB789033 Method: AD Primary Power Average

FCC Part15C All 5GHz UNII and DTS Spurious Emissions with Average Scan.TST 30915 17 Jun 2014

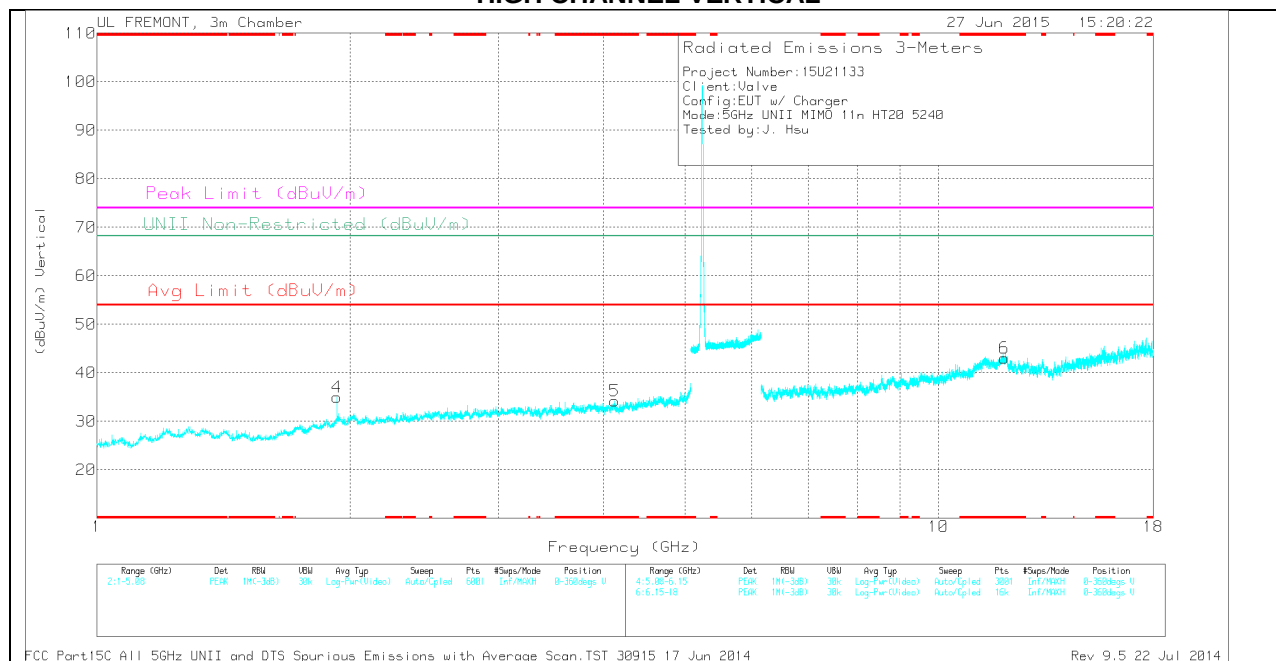
Rev 9.5 22 Jul 2014

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 T119 (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	* 1.291	31.67	PK	29.8	-33	28.47	-	-	74	-45.53	-	-	0-360	200	H
2	* 2.367	31.99	PK	31.9	-32.1	31.79	-	-	74	-42.21	-	-	0-360	100	H
5	* 4.124	31.28	PK	33.3	-30.4	34.18	-	-	74	-39.82	-	-	0-360	200	V
3	* 8.267	28.65	PK	35.8	-26.9	37.55	-	-	74	-36.45	-	-	0-360	200	H
6	* 11.973	27.68	PK	39.1	-23.7	43.08	-	-	74	-30.92	-	-	0-360	200	V
4	1.929	35.68	PK	31.2	-31.9	34.98	-	-	-	-	68.2	-33.22	0-360	200	V

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

PK - Peak detector

Radiated Emissions

Frequency (GHz)	Meter Reading (dBuV)	Det	AF T119 (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
* 1.289	41.67	PK1	29.8	-33	38.47	-	-	74	-35.53	-	-	0	100	H
* 1.29	30.04	AD1	29.8	-33	26.84	54	-27.16	-	-	-	-	0	100	H
* 2.366	41	PK1	31.9	-32.1	40.8	-	-	74	-33.2	-	-	0	100	H
* 2.366	29.42	AD1	31.9	-32.1	29.22	54	-24.78	-	-	-	-	0	100	H
* 4.123	40.99	PK1	33.3	-30.4	43.89	-	-	74	-30.11	-	-	0	100	V
* 4.122	29.07	AD1	33.3	-30.4	31.97	54	-22.03	-	-	-	-	0	100	V
* 8.268	38.7	PK1	35.8	-26.9	47.6	-	-	74	-26.4	-	-	0	100	H
* 8.266	27.02	AD1	35.8	-26.9	35.92	54	-18.08	-	-	-	-	0	100	H
* 11.973	36.64	PK1	39.1	-23.7	52.04	-	-	74	-21.96	-	-	0	100	V
* 11.973	25.41	AD1	39.1	-23.7	40.81	54	-13.19	-	-	-	-	0	100	V
1.929	42.82	PK1	31.2	-31.9	42.12	-	-	-	-	68.2	-26.08	0	100	V
1.931	29.59	AD1	31.2	-31.9	28.89	-	-	-	-	-	-	0	100	V

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

PK1 - KDB789033 Method: Peak

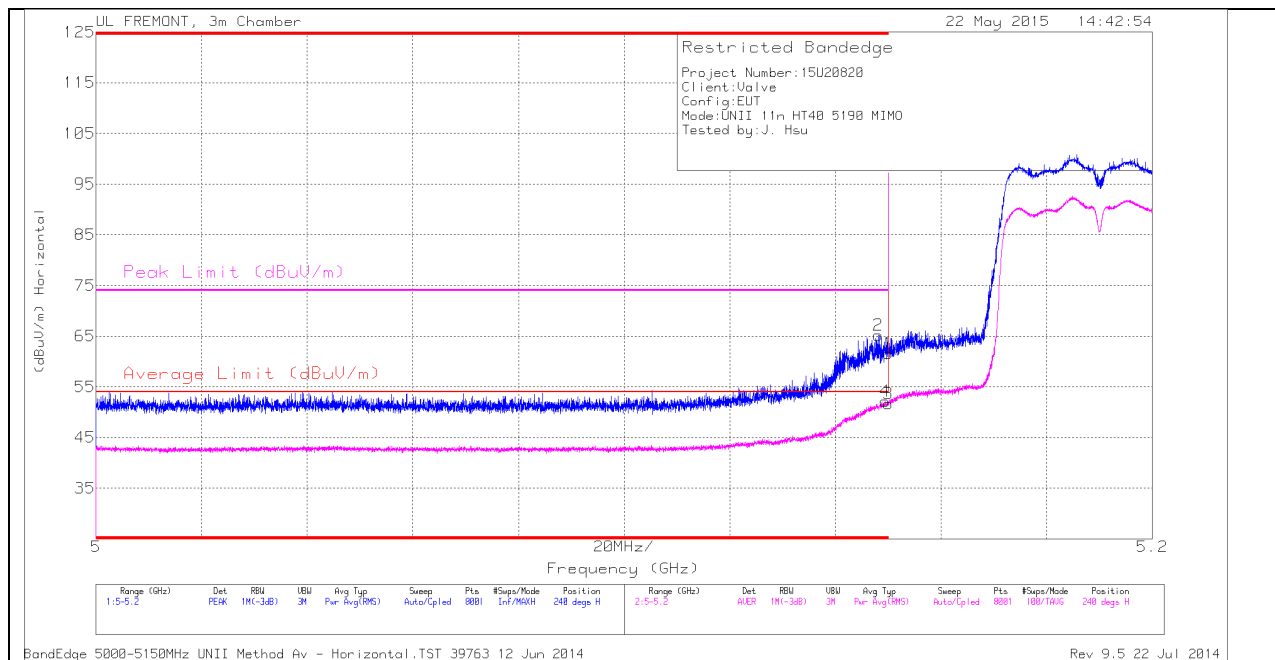
AD1 - KDB789033 Method: AD Primary Power Average

FCC Part15C All 5GHz UNII and DTS Spurious Emissions with Average Scan.TST 30915 17 Jun 2014

Rev 9.5 22 Jul 2014

13.1.2. TX ABOVE 1 GHz 802.11n HT40 MODE IN THE 5.2 GHz BAND RESTRICTED BANDEDGE (LOW CHANNEL)

HORIZONTAL PEAK AND AVERAGE PLOT



HORIZONTAL DATA

Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T119 (dB/m)	Amp/Cb/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
1	* 5.15	49.03	PK	34.2	-21.6	0	61.63	-	-	74	-12.37	240	202	H
2	* 5.148	52.57	PK	34.2	-21.6	0	65.17	-	-	74	-8.83	240	202	H
3	* 5.15	38.41	RMS	34.2	-21.6	.64	51.65	54	-2.35	-	-	240	202	H
4	* 5.149	38.91	RMS	34.2	-21.6	.64	52.15	54	-1.85	-	-	240	202	H

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

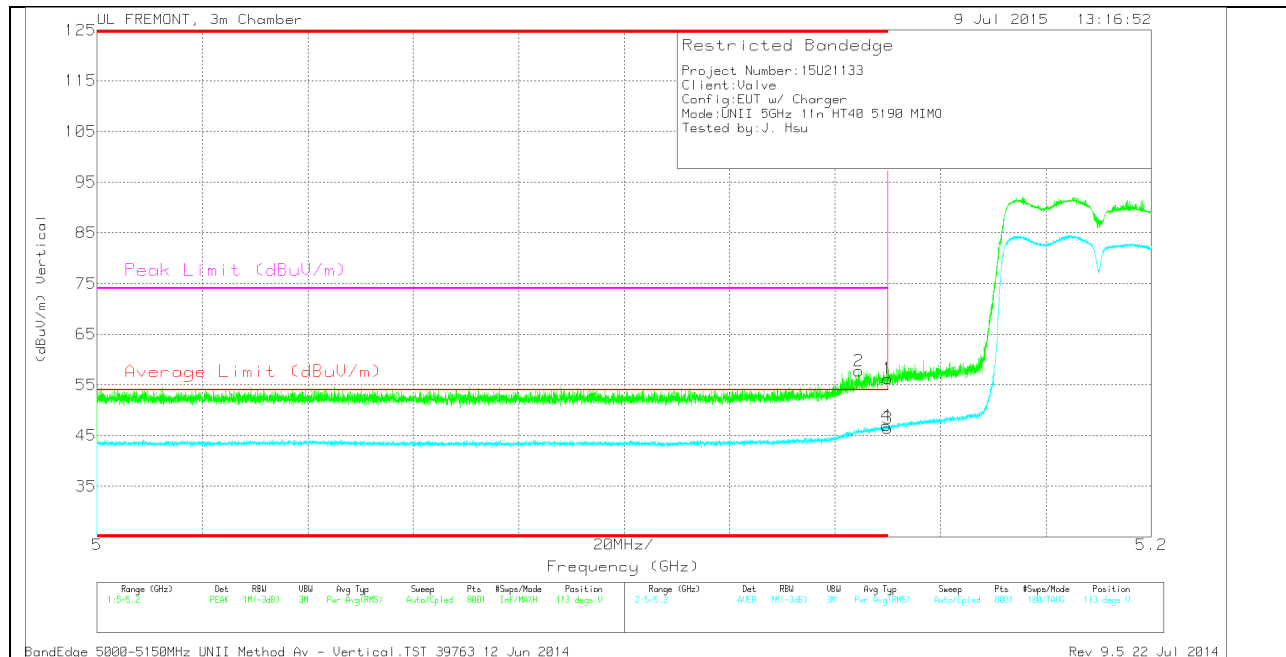
PK - Peak detector

RMS - RMS detection

BandEdge 5000-5150MHz UNII Method Av - Horizontal.TST 39763 12 Jun 2014

Rev 9.5 22 Jul 2014

VERTICAL PEAK AND AVERAGE PLOT



VERTICAL DATA

Trace Markers

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	* 5.15	42.86	PK	34.2	-20.8	0	56.26	-	-	74	-17.74	113	102	V
2	* 5.145	44.23	PK	34.2	-20.7	0	57.73	-	-	74	-16.27	113	102	V
3	* 5.15	32.24	RMS	34.2	-20.8	.8	46.44	54	-7.56	-	-	113	102	V
4	* 5.15	32.7	RMS	34.2	-20.8	.8	46.9	54	-7.1	-	-	113	102	V

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

PK - Peak detector

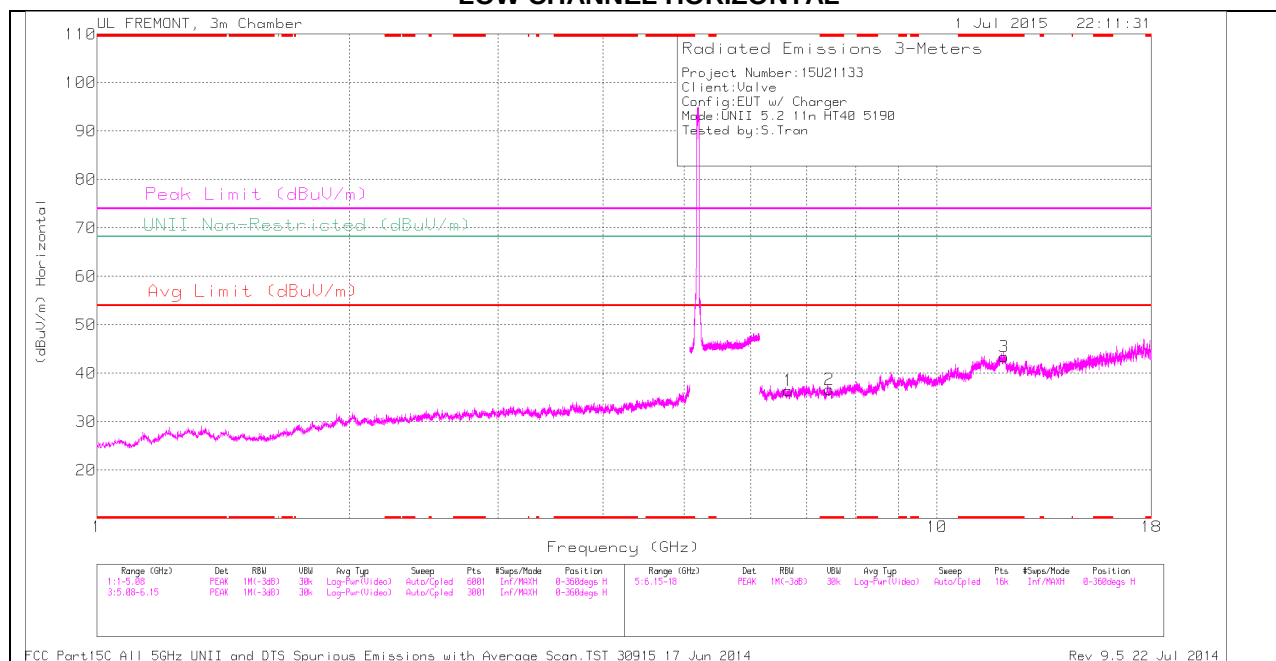
RMS - RMS detection

BandEdge 5000-5150MHz UNII Method Av - Vertical.TST 39763 12 Jun 2014

Rev 9.5 22 Jul 2014

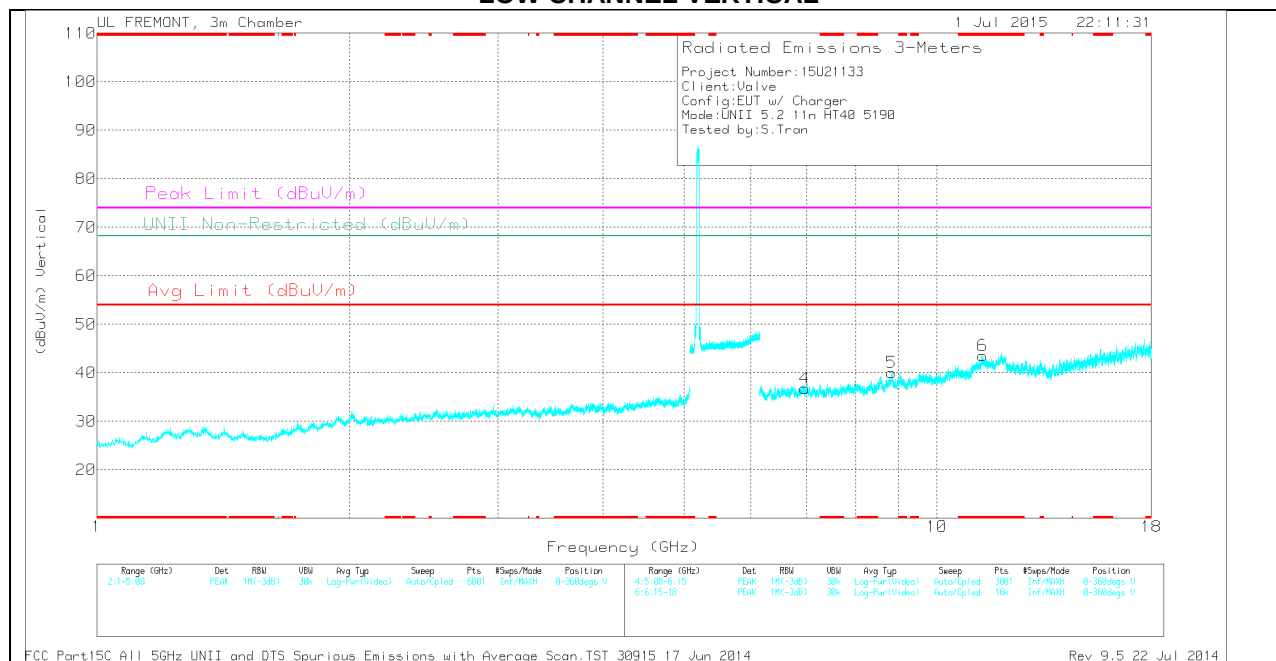
HARMONICS AND SPURIOUS EMISSIONS

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	* 7.443	28.93	PK	35.7	-27.9	0	36.73	-	-	74	-37.27	-	-	0-360	100	H
3	* 12.014	27.83	PK	39.1	-23.5	0	43.43	-	-	74	-30.57	-	-	0-360	200	H
6	* 11.34	28.19	PK	38.1	-22.7	0	43.59	-	-	74	-30.41	-	-	0-360	100	V
1	6.656	29.85	PK	35.6	-29	0	36.45	-	-	-	-	68.2	-31.75	0-360	100	H
4	6.962	29.06	PK	35.6	-27.8	0	36.86	-	-	-	-	68.2	-31.34	0-360	100	V
5	8.831	28.48	PK	35.9	-24.3	0	40.08	-	-	-	-	68.2	-28.12	0-360	100	V

* - indicates frequency in CFR15.205/IC7.2.2 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
* 7.443	39.15	PK1	35.7	-27.9	0	46.95	-	-	74	-27.05	-	-	275	100	H
* 7.443	27.17	AD1	35.7	-27.9	.8	35.77	54	-18.23	-	-	-	-	275	100	H
* 12.015	36.51	PK1	39.1	-23.5	0	52.11	-	-	74	-21.89	-	-	275	200	H
* 12.016	25.08	AD1	39.1	-23.6	.8	41.38	54	-12.62	-	-	-	-	275	200	H
* 11.341	36.55	PK1	38.1	-22.7	0	51.95	-	-	74	-22.05	-	-	275	100	V
* 11.342	25.38	AD1	38.1	-22.7	.8	41.58	54	-12.42	-	-	-	-	275	100	V
6.654	39.66	PK1	35.6	-29	0	46.26	-	-	-	-	68.2	-21.94	275	100	H
6.654	27.93	AD1	35.6	-29	.8	35.33	-	-	-	-	-	-	275	100	H
6.963	37.97	PK1	35.6	-27.8	0	45.77	-	-	-	-	68.2	-22.43	275	100	V
6.964	27.08	AD1	35.6	-27.9	.8	35.58	-	-	-	-	-	-	275	100	V
8.831	36.54	PK1	35.9	-24.3	0	48.14	-	-	-	-	68.2	-20.06	275	100	V
8.833	25.2	AD1	35.9	-24.3	.8	37.6	-	-	-	-	-	-	275	100	V

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

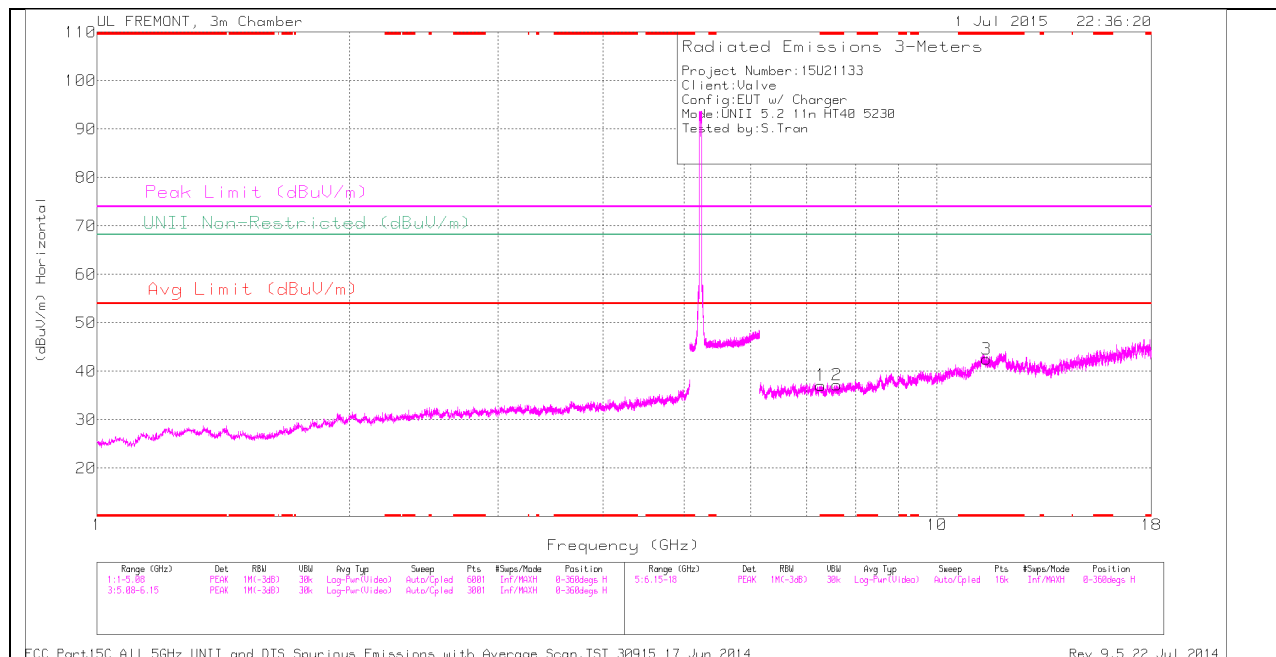
PK1 - KDB789033 Method: Peak

AD1 - KDB789033 Method: AD Primary Power Average

FCC Part15C All 5GHz UNII and DTS Spurious Emissions with Average Scan.TST 30915 17 Jun 2014

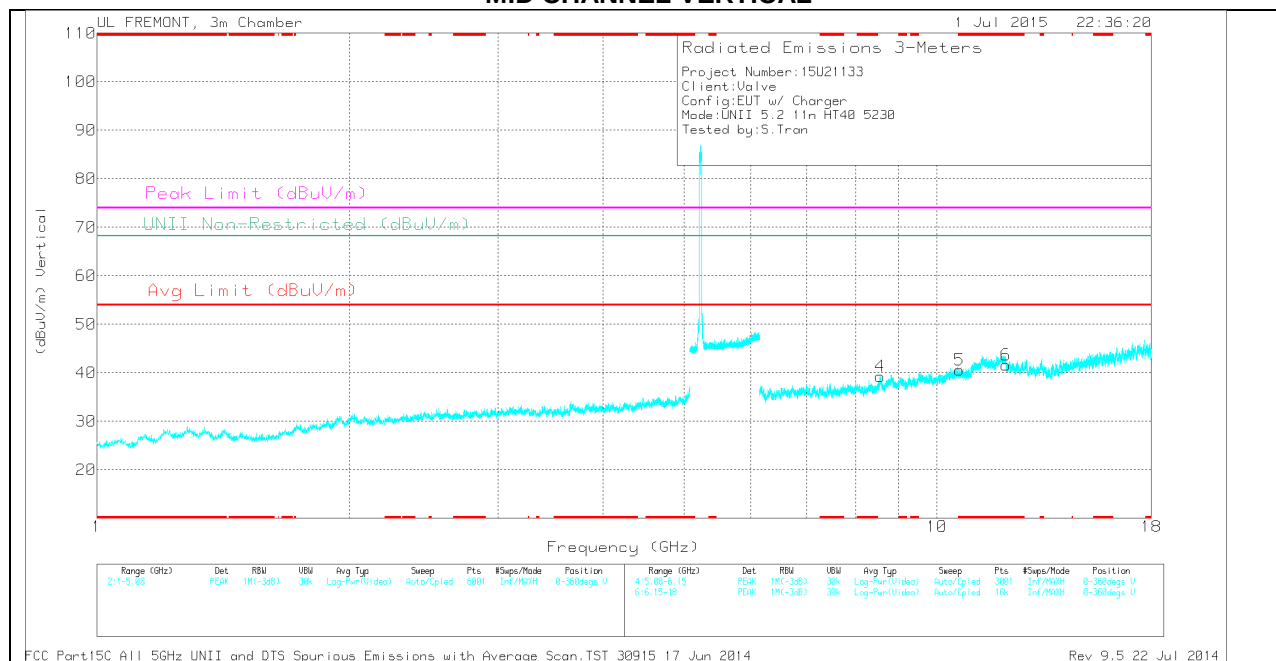
Rev 9.5 22 Jul 2014

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/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	* 7.273	30.03	PK	35.6	-28.5	0	37.13	-	-	74	-36.87	-	-	0-360	200	H
2	* 7.604	28.94	PK	35.7	-27.5	0	37.14	-	-	74	-36.86	-	-	0-360	100	H
3	* 11.445	27.06	PK	38.3	-22.9	0	42.46	-	-	74	-31.54	-	-	0-360	200	H
5	* 10.634	26.52	PK	37.7	-23.6	0	40.62	-	-	74	-33.38	-	-	0-360	100	V
6	* 12.089	26.85	PK	39	-24.2	0	41.65	-	-	74	-32.35	-	-	0-360	200	V
4	8.558	28.15	PK	35.8	-24.7	0	39.25	-	-	-	-	68.2	-28.95	0-360	100	V

* - indicates frequency in CFR15.205/IC7.2.2 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
* 7.275	39.04	PK1	35.6	-28.5	0	46.14	-	-	74	-27.86	-	-	360	200	H
* 7.275	27.44	AD1	35.6	-28.5	.8	35.34	54	-18.66	-	-	-	-	360	200	H
* 7.602	39.11	PK1	35.7	-27.6	0	47.21	-	-	74	-26.79	-	-	360	100	H
* 7.603	27.08	AD1	35.7	-27.6	.8	35.98	54	-18.02	-	-	-	-	360	100	H
* 11.447	36.61	PK1	38.3	-22.9	0	52.01	-	-	74	-21.99	-	-	360	200	H
* 11.447	24.68	AD1	38.3	-22.9	.8	40.88	54	-13.12	-	-	-	-	360	200	H
* 10.635	35.4	PK1	37.7	-23.6	0	49.5	-	-	74	-24.5	-	-	360	100	V
* 10.636	24.33	AD1	37.7	-23.6	.8	39.23	54	-14.77	-	-	-	-	360	100	V
* 12.09	37.29	PK1	39	-24.2	0	52.09	-	-	74	-21.91	-	-	360	200	V
* 12.091	25.6	AD1	39	-24.2	.8	41.2	54	-12.8	-	-	-	-	360	200	V
8.557	37.62	PK1	35.8	-24.7	0	48.72	-	-	-	-	68.2	-19.48	360	100	V
8.56	25.64	AD1	35.8	-24.6	.8	37.64	-	-	-	-	-	-	360	100	V

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

PK1 - KDB789033 Method: Peak

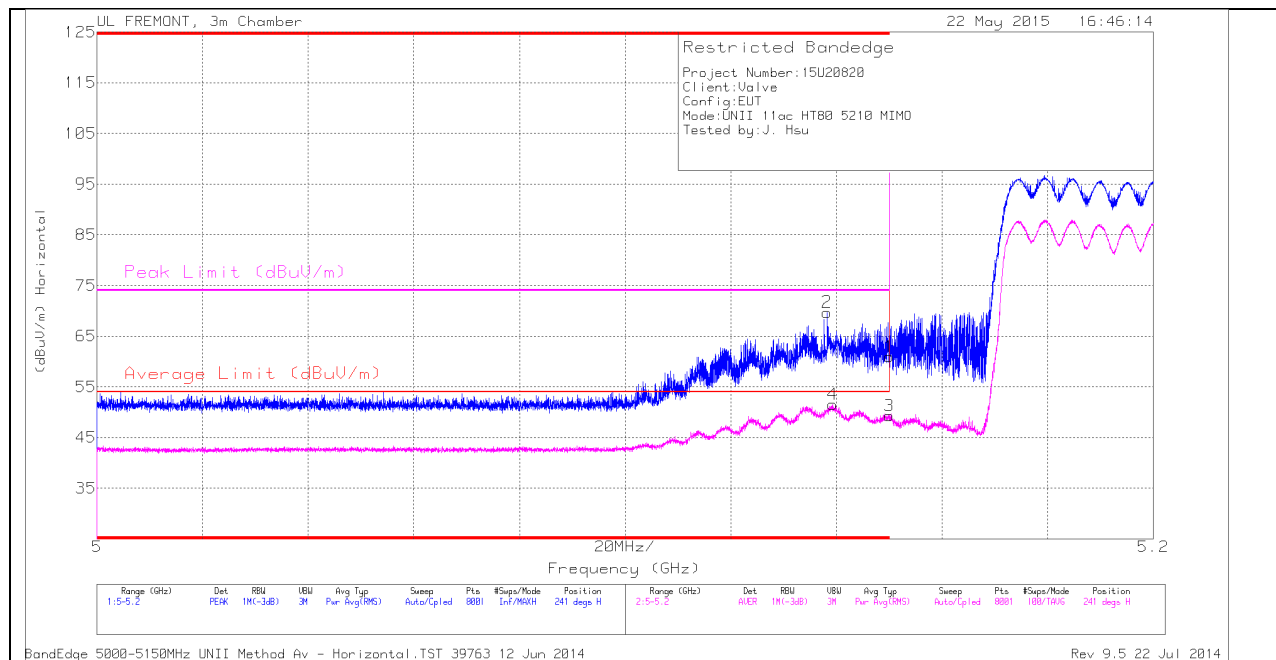
AD1 - KDB789033 Method: AD Primary Power Average

FCC Part15C All 5GHz UNII and DTS Spurious Emissions with Average Scan.TST 30915 17 Jun 2014

Rev 9.5 22 Jul 2014

13.1.4. TX ABOVE 1 GHz 802.11ac HT80 MODE IN THE 5.2 GHz BAND RESTRICTED BANDEDGE (LOW CHANNEL)

HORIZONTAL PEAK AND AVERAGE PLOT



HORIZONTAL DATA

Trace Markers

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	* 5.15	48.38	PK	34.2	-21.6	0	60.98	-	-	74	-13.02	241	334	H
2	* 5.138	57.12	PK	34.2	-21.6	0	69.72	-	-	74	-4.28	241	334	H
3	* 5.15	36.07	RMS	34.2	-21.6	.66	49.33	54	-4.67	-	-	241	334	H
4	* 5.139	38.27	RMS	34.2	-21.6	.66	51.53	54	-2.47	-	-	241	334	H

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

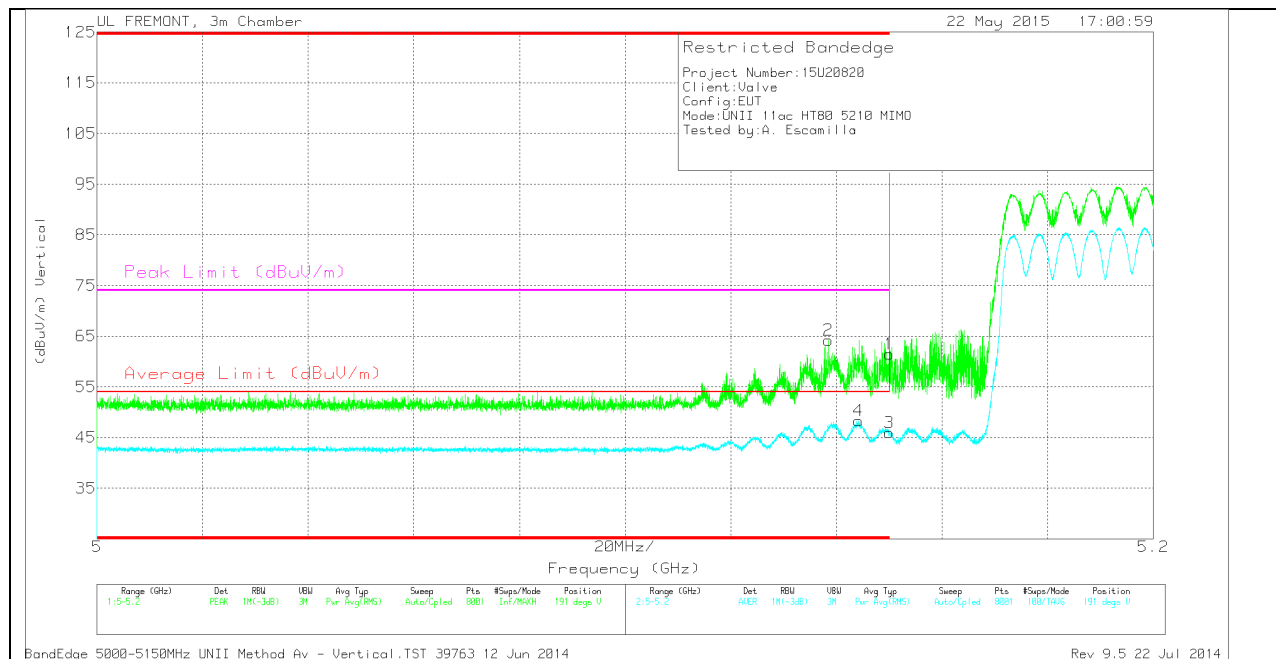
PK - Peak detector

RMS - RMS detection

BandEdge 5000-5150MHz UNII Method Av - Horizontal.TST 39763 12 Jun 2014

Rev 9.5 22 Jul 2014

VERTICAL PEAK AND AVERAGE PLOT



VERTICAL DATA

Trace Markers

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
1	* 5.15	48.88	PK	34.2	-21.6	0	61.48	-	-	74	-12.52	191	334	V
2	* 5.138	51.63	PK	34.2	-21.6	0	64.23	-	-	74	-9.77	191	334	V
3	* 5.15	32.63	RMS	34.2	-21.6	.66	45.89	54	-8.11	-	-	191	334	V
4	* 5.144	35	RMS	34.2	-21.6	.66	48.26	54	-5.74	-	-	191	334	V

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

PK - Peak detector

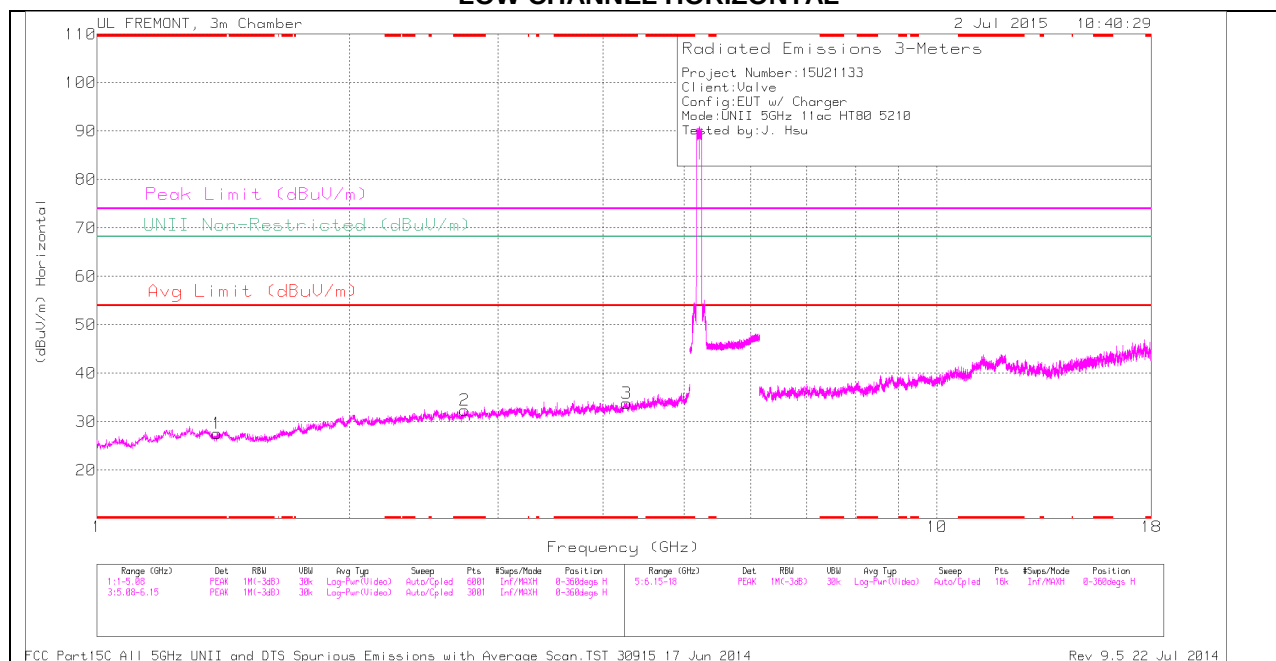
RMS - RMS detection

BandEdge 5000-5150MHz UNII Method Av - Vertical.TST 39763 12 Jun 2014

Rev 9.5 22 Jul 2014

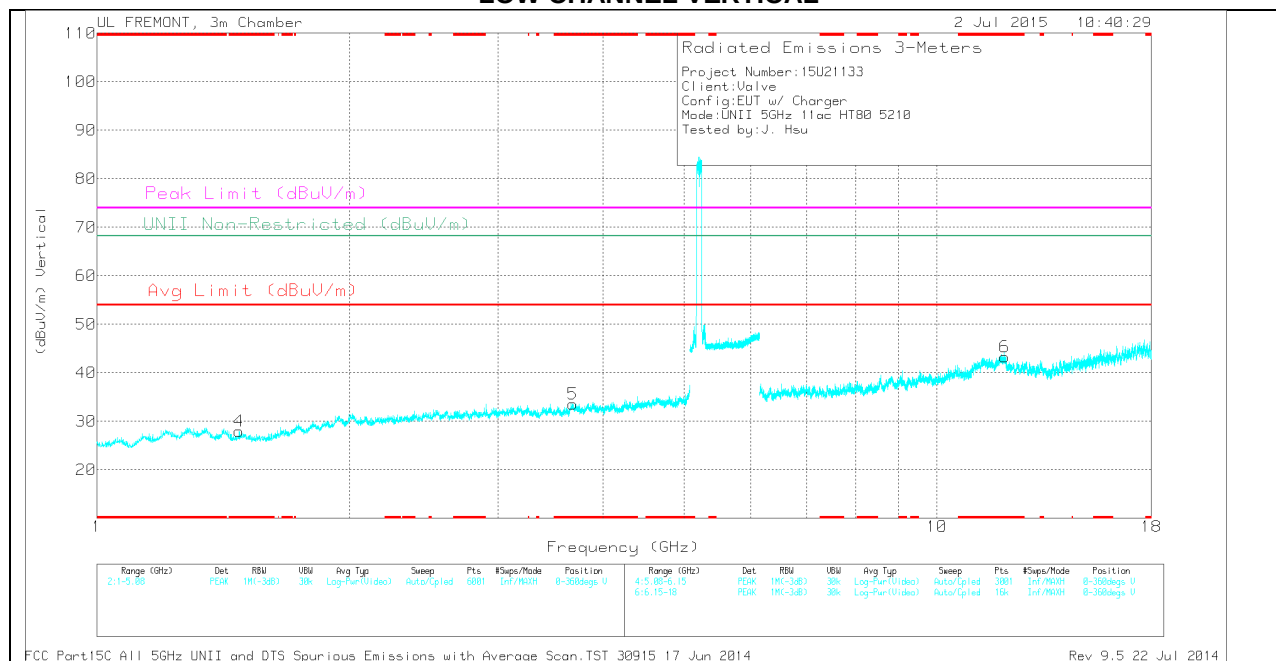
HARMONICS AND SPURIOUS EMISSIONS

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	* 1.389	31.1	PK	28.8	-32.3	0	27.6	-	-	74	-46.4	-	-	0-360	100	H
2	* 2.74	31.53	PK	32.4	-31.5	0	32.43	-	-	74	-41.57	-	-	0-360	100	H
3	* 4.27	30.22	PK	33.4	-29.8	0	33.82	-	-	74	-40.18	-	-	0-360	200	H
4	* 1.477	32.03	PK	28.2	-32.2	0	28.03	-	-	74	-45.97	-	-	0-360	100	V
5	* 3.687	30.45	PK	33	-29.9	0	33.55	-	-	74	-40.45	-	-	0-360	200	V
6	* 12.045	27.56	PK	39.1	-23.4	0	43.26	-	-	74	-30.74	-	-	0-360	100	V

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

PK - Peak detector

Radiated Emissions

Frequency (GHz)	Meter Reading (dBuV)	Det	AF T119 (dB/m)	Amp/Cbl/F 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
* 1.387	40.44	PK1	28.8	-32.4	0	36.84	-	-	74	-37.16	-	-	360	100	H
* 1.389	28.79	AD1	28.8	-32.3	1.02	26.31	54	-27.69	-	-	-	-	360	100	H
* 2.738	40.9	PK1	32.4	-31.6	0	41.7	-	-	74	-32.3	-	-	360	100	H
* 2.739	29.3	AD1	32.4	-31.6	1.02	31.12	54	-22.88	-	-	-	-	360	100	H
* 4.272	39.78	PK1	33.5	-29.8	0	43.48	-	-	74	-30.52	-	-	360	100	H
* 4.272	28.08	AD1	33.5	-29.8	1.02	32.8	54	-21.2	-	-	-	-	360	100	H
* 1.477	41.11	PK1	28.2	-32.2	0	37.11	-	-	74	-36.89	-	-	360	100	V
* 1.475	29.26	AD1	28.2	-32.2	1.02	26.28	54	-27.72	-	-	-	-	360	100	V
* 3.687	40.26	PK1	33	-29.9	0	43.36	-	-	74	-30.64	-	-	360	100	V
* 3.685	28.56	AD1	33	-29.8	1.02	32.78	54	-21.22	-	-	-	-	360	100	V
* 12.046	37.23	PK1	39.1	-23.5	0	52.83	-	-	74	-21.17	-	-	360	100	V
* 12.047	25.3	AD1	39.1	-23.5	1.02	41.92	54	-12.08	-	-	-	-	360	100	V

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

PK1 - KDB789033 Method: Peak

AD1 - KDB789033 Method: AD Primary Power Average

FCC Part15C All 5GHz UNII and DTS Spurious Emissions with Average Scan.TST 30915 17 Jun 2014

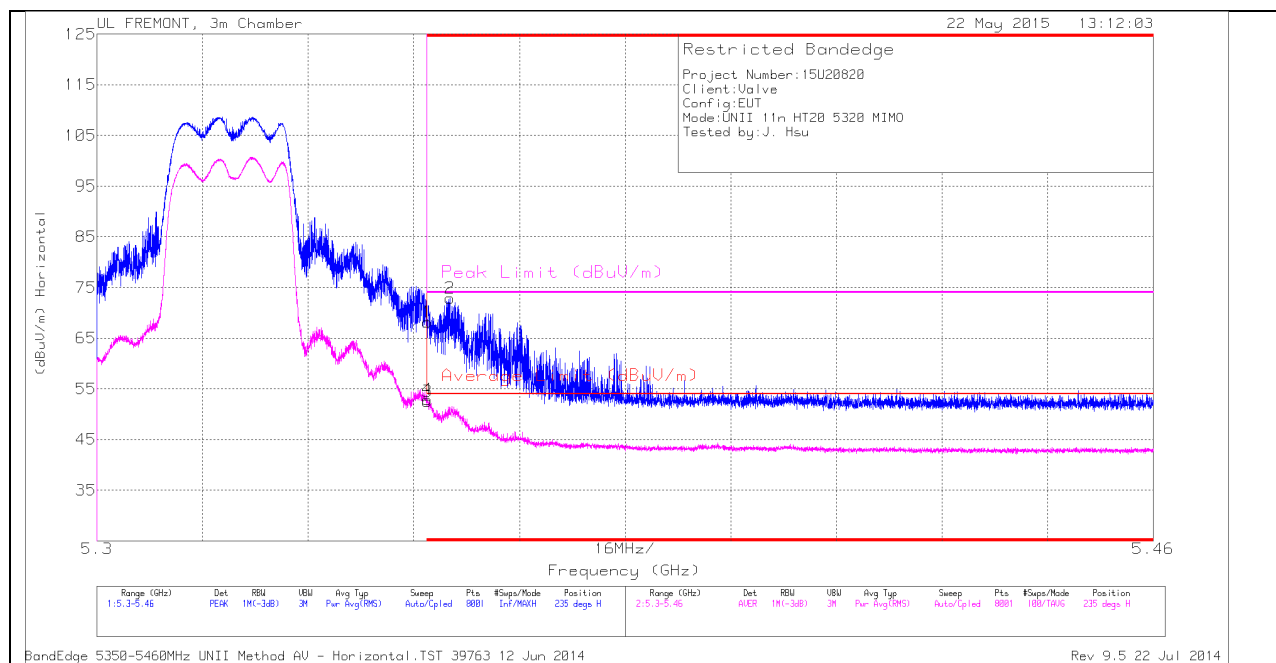
Rev 9.5 22 Jul 2014

13.1. 5.3 GHz

13.1.1. 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

Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AFT119 (dB/m)	Amp/Cbl/Ftr/Pad (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	55.09	PK	34.5	-21.4	68.19	-	-	74	-5.81	235	378	H
2	* 5.353	59.77	PK	34.5	-21.4	72.87	-	-	74	-1.13	235	378	H
3	* 5.35	39.41	RMS	34.5	-21.4	52.51	54	-1.49	-	-	235	378	H
4	* 5.35	39.84	RMS	34.5	-21.4	52.94	54	-1.06	-	-	235	378	H

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

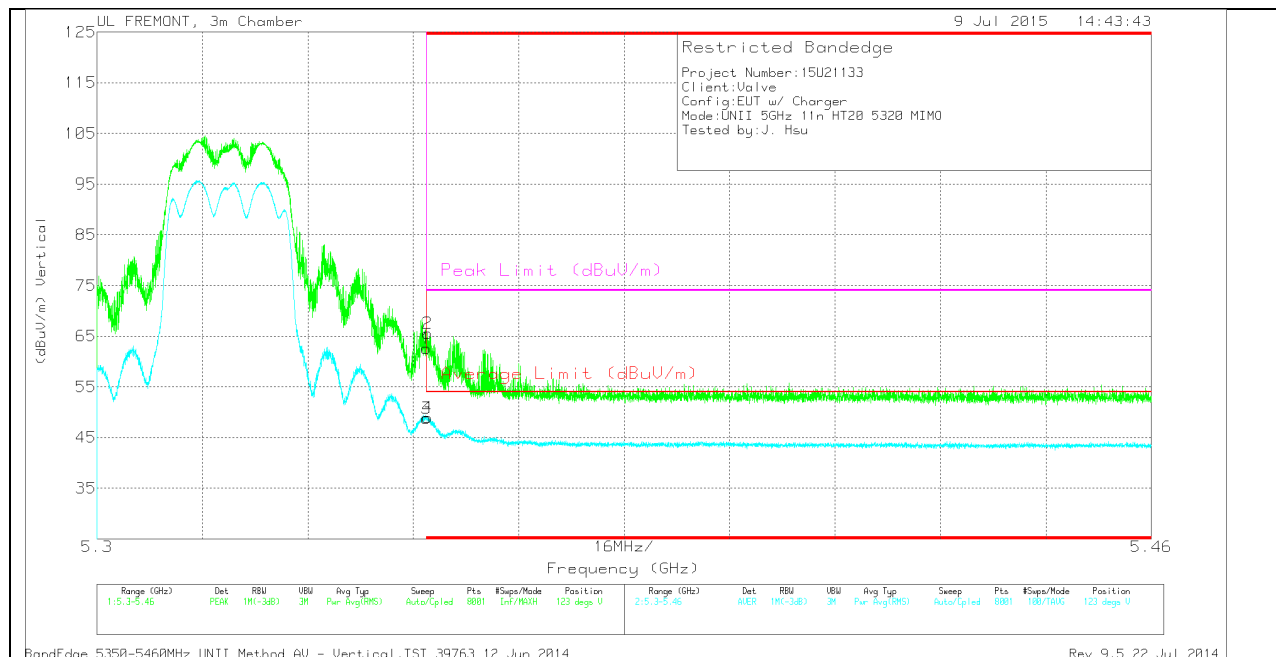
PK - Peak detector

RMS - RMS detection

BandEdge 5350-5460MHz UNII Method AV - Horizontal.TST 39763 12 Jun 2014

Rev 9.5 22 Jul 2014

VERTICAL PEAK AND AVERAGE PLOT



VERTICAL DATA

Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T119 (dB/m)	Amp/Cbl/ Fitr/Pad (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	48.61	PK	34.5	-20.5	62.61	-	-	74	-11.39	123	106	V
2	* 5.35	51.58	PK	34.5	-20.5	65.58	-	-	74	-8.42	123	106	V
3	* 5.35	34.76	RMS	34.5	-20.5	48.76	54	-5.24	-	-	123	106	V
4	* 5.35	34.93	RMS	34.5	-20.5	48.93	54	-5.07	-	-	123	106	V

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

PK - Peak detector

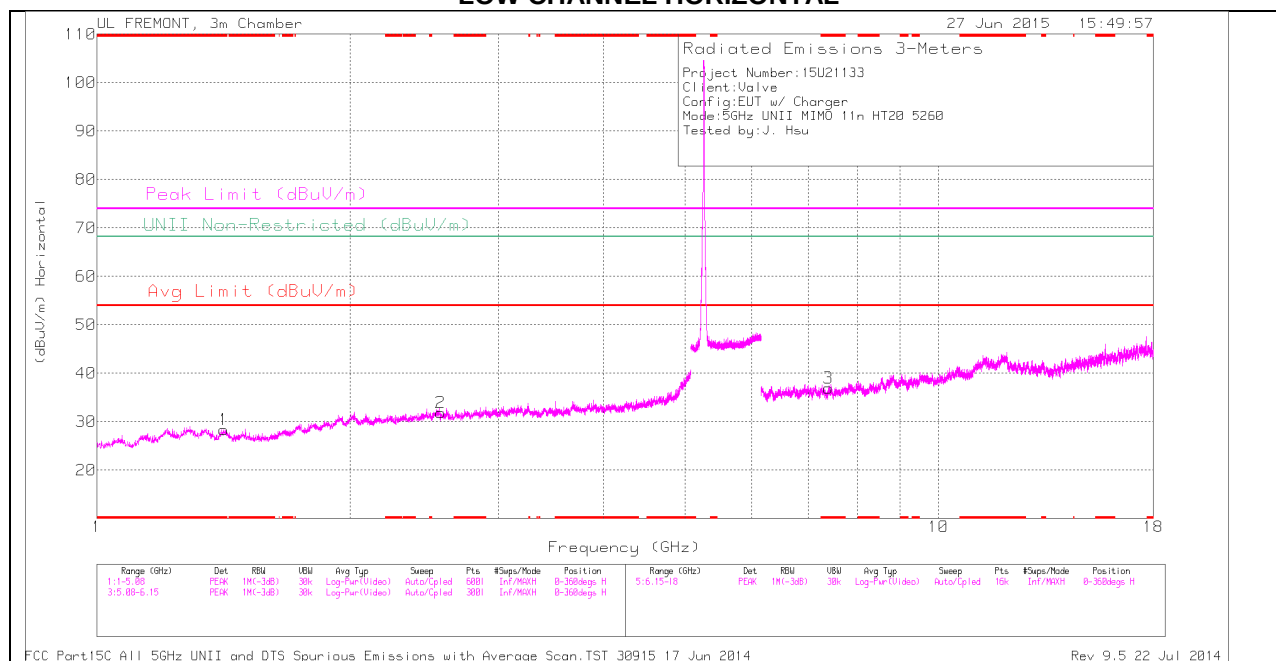
RMS - RMS detection

BandEdge 5350-5460MHz UNII Method AV - Vertical.TST 39763 12 Jun 2014

Rev 9.5 22 Jul 2014

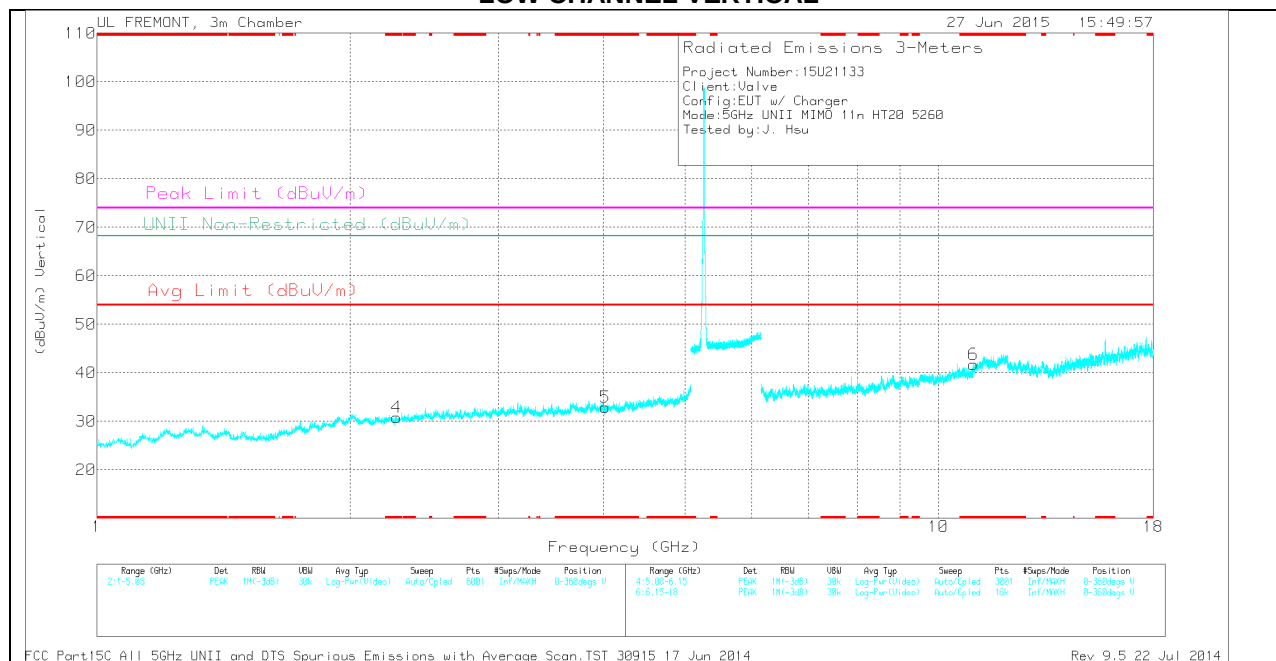
HARMONICS AND SPURIOUS EMISSIONS

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)	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	* 1.414	31.96	PK	28.5	-32.1	28.36	-	-	74	-45.64	-	-	0-360	200	H
4	* 2.27	30.71	PK	31.6	-31.5	30.81	-	-	74	-43.19	-	-	0-360	200	V
5	* 4.019	30.59	PK	33.2	-30.9	32.89	-	-	74	-41.11	-	-	0-360	100	V
3	* 7.398	29.03	PK	35.6	-27.7	36.93	-	-	74	-37.07	-	-	0-360	200	H
6	* 10.996	27.2	PK	37.9	-23.4	41.7	-	-	74	-32.3	-	-	0-360	100	V
2	2.561	30.96	PK	32.4	-31.5	31.86	-	-	-	-	68.2	-36.34	0-360	100	H

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

PK - Peak detector

Radiated Emissions

Frequency (GHz)	Meter Reading (dBuV)	Det	AF T119 (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
* 1.415	41.26	PK1	28.5	-32.1	37.66	-	-	74	-36.34	-	-	0	100	H
* 1.415	29.96	AD1	28.5	-32.1	26.36	54	-27.64	-	-	-	-	0	100	H
* 2.271	40.62	PK1	31.6	-31.6	40.62	-	-	74	-33.38	-	-	0	100	V
* 2.272	29.03	AD1	31.6	-31.6	29.03	54	-24.97	-	-	-	-	0	100	V
* 4.018	40.16	PK1	33.2	-30.9	42.46	-	-	74	-31.54	-	-	0	100	V
* 4.018	28.88	AD1	33.2	-30.9	31.18	54	-22.82	-	-	-	-	0	100	V
* 7.398	38.78	PK1	35.6	-27.7	46.68	-	-	74	-27.32	-	-	0	100	H
* 7.398	27.33	AD1	35.6	-27.7	35.23	54	-18.77	-	-	-	-	0	100	H
* 10.996	36.71	PK1	37.9	-23.5	51.11	-	-	74	-22.89	-	-	0	100	V
* 10.995	25.01	AD1	37.9	-23.5	39.41	54	-14.59	-	-	-	-	0	100	V
2.56	40.25	PK1	32.4	-31.5	41.15	-	-	-	-	68.2	-27.05	0	100	H
2.563	28.82	AD1	32.4	-31.5	29.72	-	-	-	-	-	-	0	100	H

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

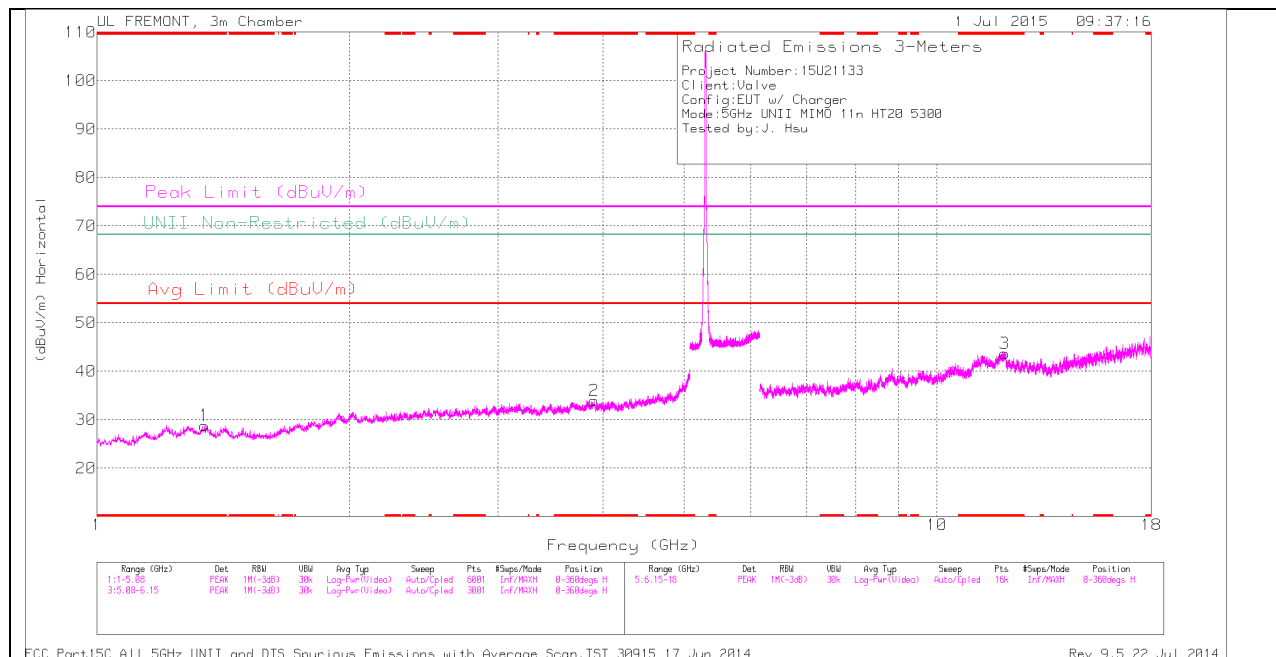
PK1 - KDB789033 Method: Peak

AD1 - KDB789033 Method: AD Primary Power Average

FCC Part15C All 5GHz UNII and DTS Spurious Emissions with Average Scan.TST 30915 17 Jun 2014

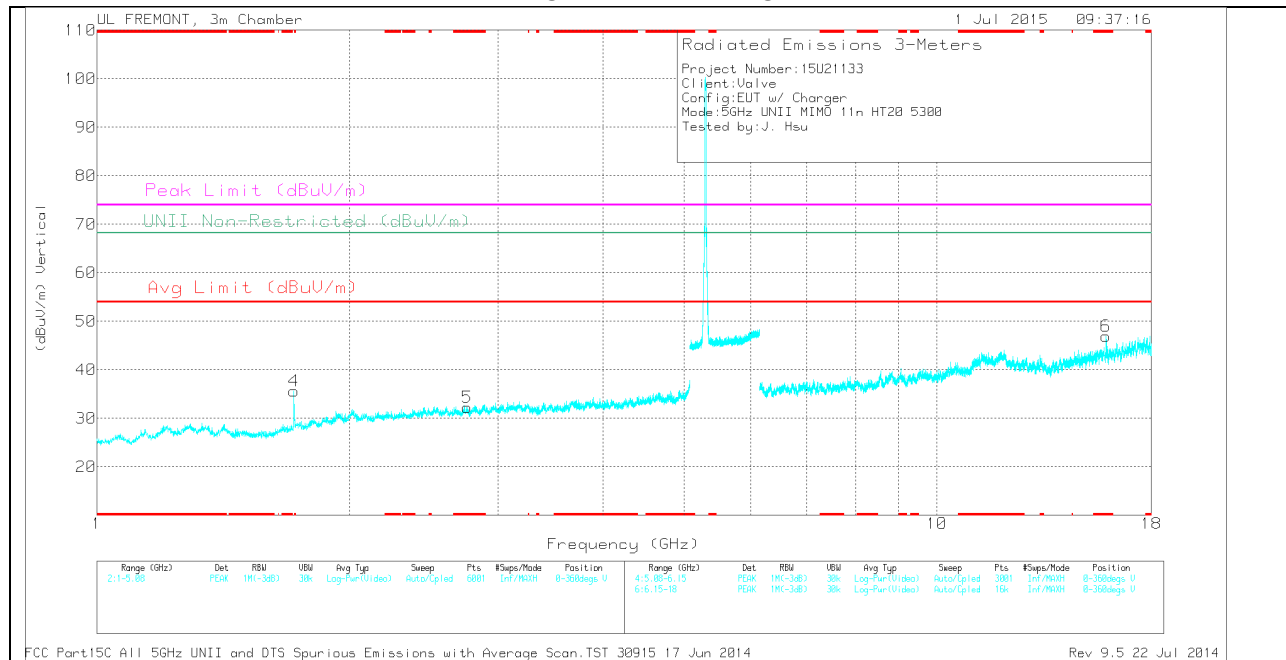
Rev 9.5 22 Jul 2014

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/Fitr /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	* 1.342	32.22	PK	29.4	-32.8	28.82	-	-	74	-45.18	-	-	0-360	200	H
2	* 3.907	31.07	PK	33.2	-30.3	33.97	-	-	74	-40.03	-	-	0-360	200	H
5	* 2.757	31.34	PK	32.5	-31.6	32.24	-	-	74	-41.76	-	-	0-360	200	V
3	* 12.03	28.13	PK	39.1	-23.5	43.73	-	-	74	-30.27	-	-	0-360	100	H
6	* 15.901	31.78	PK	40.3	-25.1	46.98	-	-	74	-27.02	-	-	0-360	100	V
4	1.716	37.95	PK	29.2	-31.5	35.65	-	-	-	-	68.2	-32.55	0-360	200	V

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

PK - Peak detector

Radiated Emissions

Frequency (GHz)	Meter Reading (dBuV)	Det	AF T119 (dB/m)	Amp/Cbl/Fitr /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
* 1.342	41.7	PK1	29.4	-32.8	38.3	-	-	74	-35.7	-	-	360	100	H
* 1.344	30.17	AD1	29.3	-32.8	26.67	54	-27.33	-	-	-	-	360	100	H
* 3.909	40.54	PK1	33.2	-30.4	43.34	-	-	74	-30.66	-	-	360	100	H
* 3.907	29.04	AD1	33.2	-30.3	31.94	54	-22.06	-	-	-	-	360	100	H
* 2.757	41.2	PK1	32.5	-31.6	42.1	-	-	74	-31.9	-	-	198	396	V
* 2.759	29.41	AD1	32.5	-31.6	30.31	54	-23.69	-	-	-	-	198	396	V
* 12.03	36.57	PK1	39.1	-23.5	52.17	-	-	74	-21.83	-	-	198	396	H
* 12.032	25.18	AD1	39.1	-23.4	40.88	54	-13.12	-	-	-	-	198	396	H
* 15.903	43.18	PK1	40.3	-25.1	58.38	-	-	74	-15.62	-	-	294	104	V
* 15.902	30.1	AD1	40.3	-25.1	45.3	54	-8.7	-	-	-	-	294	104	V
1.717	28.76	AD1	29.2	-31.5	26.46	-	-	-	-	-	-	198	396	V
1.718	41.32	PK1	29.2	-31.5	39.02	-	-	-	-	68.2	-29.18	198	396	V

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

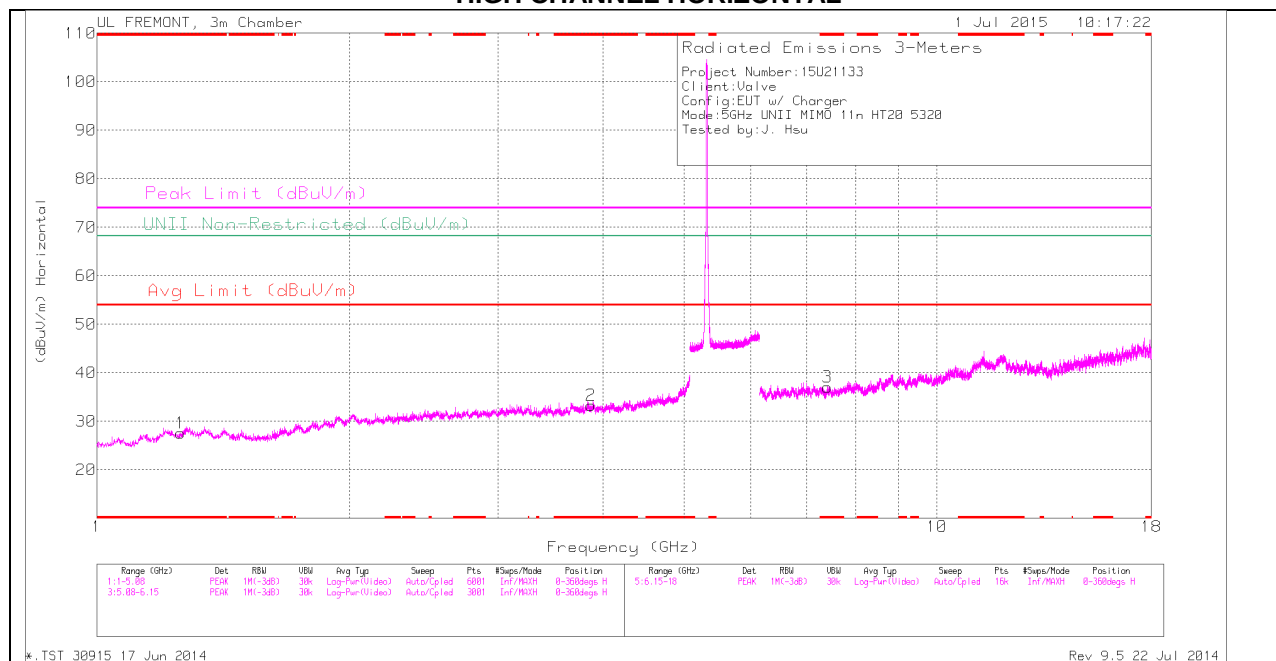
PK1 - KDB789033 Method: Peak

AD1 - KDB789033 Method: AD Primary Power Average

FCC Part15C All 5GHz UNII and DTS Spurious Emissions with Average Scan.TST 30915 17 Jun 2014

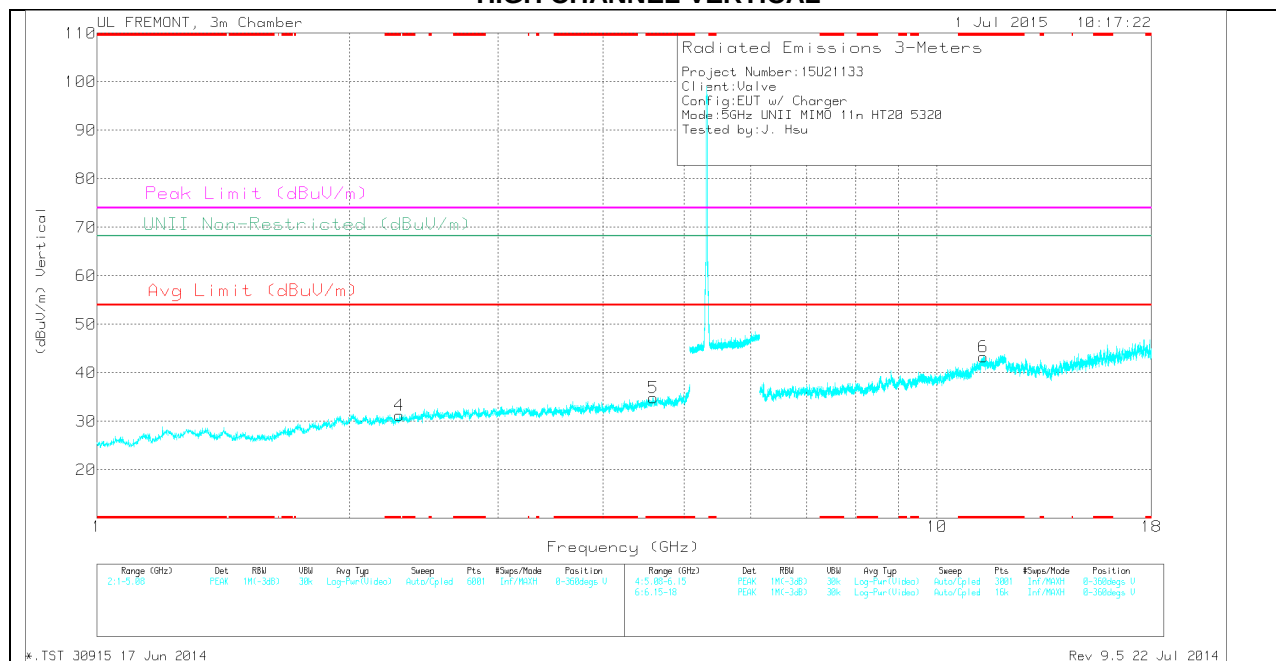
Rev 9.5 22 Jul 2014

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 T119 (dB/m)	Amp/Cbl/Fitr /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	* 1.256	30.96	PK	29.5	-32.9	27.56	-	-	74	-46.44	-	-	0-360	200	H
2	* 3.876	30.18	PK	33.2	-30.1	33.28	-	-	74	-40.72	-	-	0-360	100	H
4	* 2.292	31.27	PK	31.6	-31.7	31.17	-	-	74	-42.83	-	-	0-360	200	V
5	* 4.595	30.68	PK	33.9	-29.7	34.88	-	-	74	-39.12	-	-	0-360	100	V
3	* 7.403	29	PK	35.6	-27.5	37.1	-	-	74	-36.9	-	-	0-360	200	H
6	* 11.346	28.03	PK	38.1	-22.8	43.33	-	-	74	-30.67	-	-	0-360	200	V

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

PK - Peak detector

Radiated Emissions

Frequency (GHz)	Meter Reading (dBuV)	Det	AF T119 (dB/m)	Amp/Cbl/Fitr /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
* 1.258	41.41	PK1	29.5	-32.9	38.01	-	-	74	-35.99	-	-	360	100	H
* 1.258	29.09	AD1	29.5	-32.9	25.69	54	-28.31	-	-	-	-	360	100	H
* 3.875	40.06	PK1	33.2	-30.2	43.06	-	-	74	-30.94	-	-	360	100	H
* 3.876	28.28	AD1	33.2	-30.1	31.38	54	-22.62	-	-	-	-	360	100	H
* 2.291	40.79	PK1	31.6	-31.7	40.69	-	-	74	-33.31	-	-	360	100	V
* 2.291	29.16	AD1	31.6	-31.7	29.06	54	-24.94	-	-	-	-	360	100	V
* 4.595	40.39	PK1	33.9	-29.7	44.59	-	-	74	-29.41	-	-	360	100	V
* 4.595	28.59	AD1	33.9	-29.7	32.79	54	-21.21	-	-	-	-	360	100	V
* 7.404	38.4	PK1	35.6	-27.4	46.6	-	-	74	-27.4	-	-	360	100	H
* 7.404	27.4	AD1	35.6	-27.4	35.6	54	-18.4	-	-	-	-	360	100	H
* 11.348	36.86	PK1	38.1	-22.9	52.06	-	-	74	-21.94	-	-	360	100	V
* 11.347	25.46	AD1	38.1	-22.8	40.76	54	-13.24	-	-	-	-	360	100	V

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

PK1 - KDB789033 Method: Peak

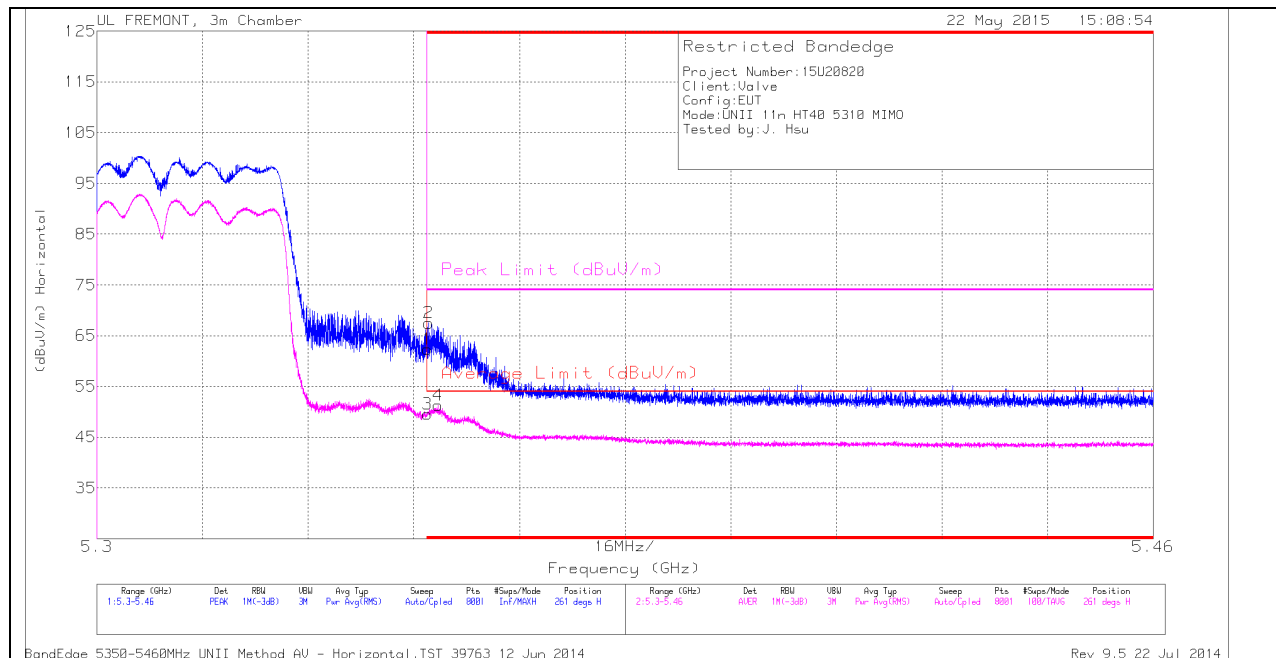
AD1 - KDB789033 Method: AD Primary Power Average

*.TST 30915 17 Jun 2014

Rev 9.5 22 Jul 2014

**13.1.2. 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

Trace Markers

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	49.22	PK	34.5	-21.4	0	62.32	-	-	74	-11.68	261	206	H
2	* 5.35	54.39	PK	34.5	-21.4	0	67.49	-	-	74	-6.51	261	206	H
3	* 5.35	35.86	RMS	34.5	-21.4	.64	49.6	54	-4.4	-	-	261	206	H
4	* 5.352	37.5	RMS	34.5	-21.4	.64	51.24	54	-2.76	-	-	261	206	H

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

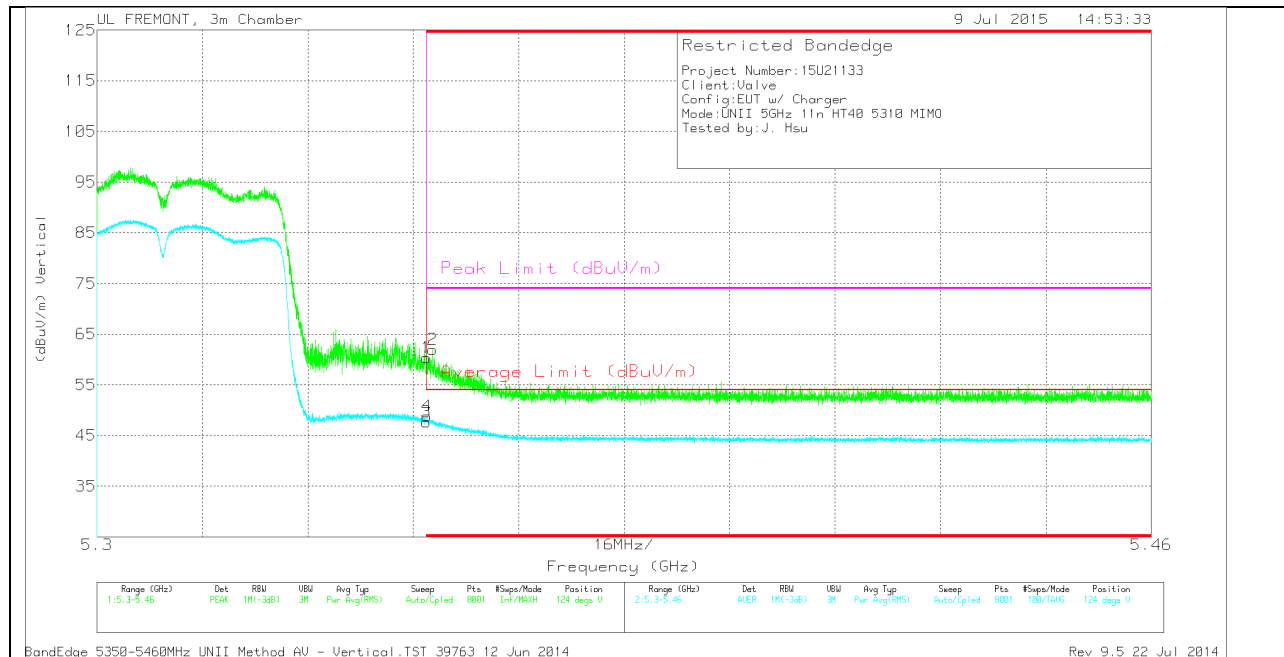
PK - Peak detector

RMS - RMS detection

BandEdge 5350-5460MHz UNII Method AV - Horizontal.TST 39763 12 Jun 2014

Rev 9.5 22 Jul 2014

VERTICAL PEAK AND AVERAGE PLOT



VERTICAL DATA

Trace Markers

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	46.31	PK	34.5	-20.5	0	60.31	-	-	74	-13.69	124	121	V
3	* 5.35	32.83	RMS	34.5	-20.5	.8	47.63	54	-6.37	-	-	124	121	V
4	* 5.35	34	RMS	34.5	-20.5	.8	48.8	54	-5.2	-	-	124	121	V
2	* 5.351	47.93	PK	34.5	-20.5	0	61.93	-	-	74	-12.07	124	121	V

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

PK - Peak detector

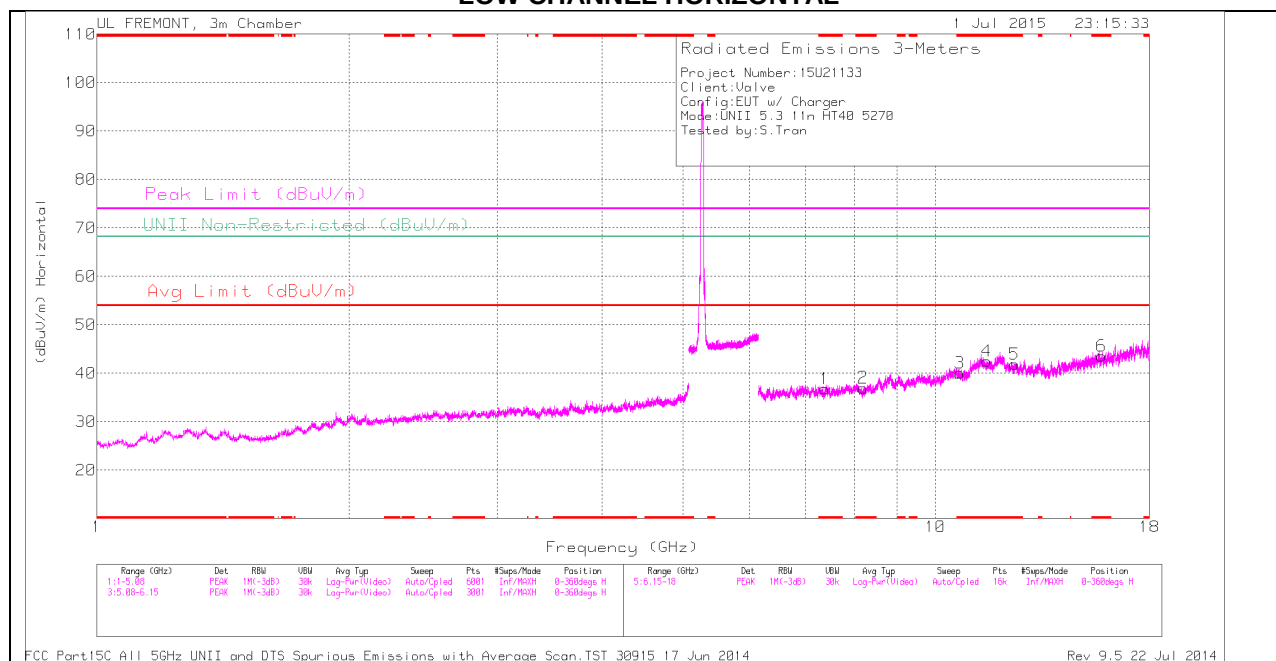
RMS - RMS detection

BandEdge 5350-5460MHz UNII Method AV - Vertical.TST 39763 12 Jun 2014

Rev 9.5 22 Jul 2014

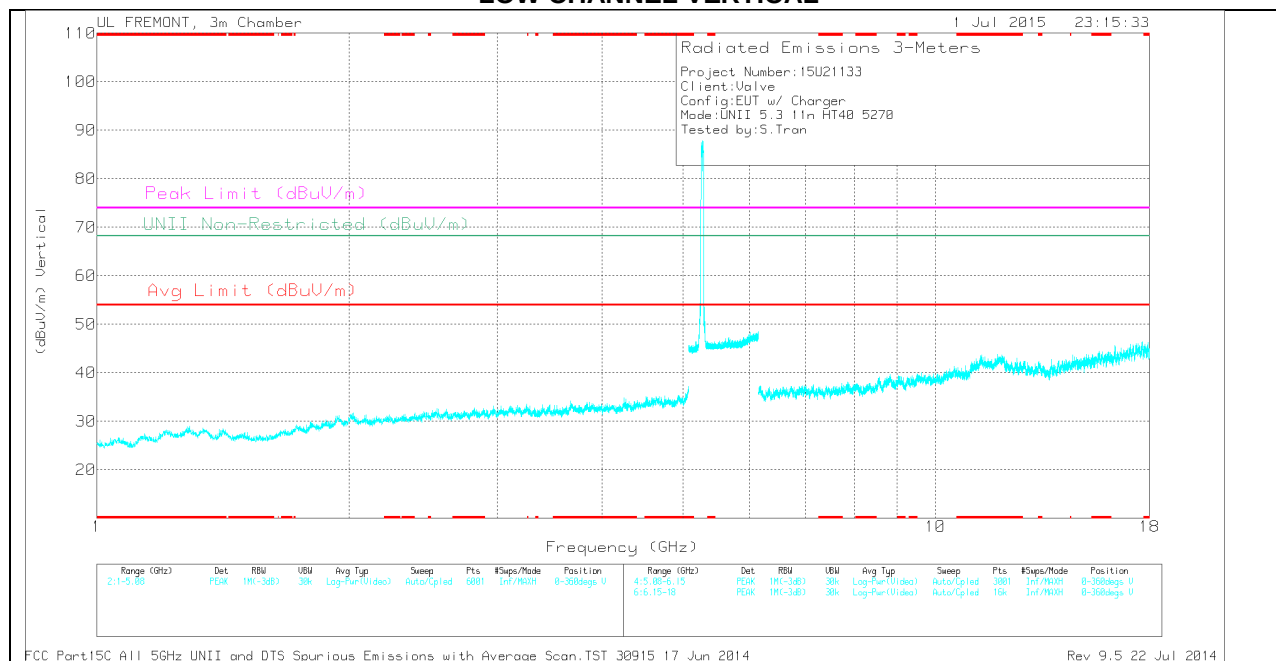
HARMONICS AND SPURIOUS EMISSIONS

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	* 7.376	29.28	PK	35.6	-28.1	0	36.78	-	-	74	-37.22	-	-	0-360	100	H
2	* 8.202	29	PK	35.8	-27.8	0	37	-	-	74	-37	-	-	0-360	200	H
3	* 10.682	26.27	PK	37.8	-24	0	40.07	-	-	74	-33.93	-	-	0-360	100	H
4	* 11.51	27.25	PK	38.4	-23.1	0	42.55	-	-	74	-31.45	-	-	0-360	100	H
5	* 12.426	27.82	PK	39	-25	0	41.82	-	-	74	-32.18	-	-	0-360	200	H
6	* 15.782	28.8	PK	40.3	-25.6	0	43.5	-	-	74	-30.5	-	-	0-360	100	H

* - indicates frequency in CFR15.205/IC7.2.2 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
* 7.376	38.2	PK1	35.6	-28.2	0	45.6	-	-	74	-28.4	-	-	360	100	H
* 7.377	26.7	AD1	35.6	-28.2	.8	34.9	54	-19.1	-	-	-	-	360	100	H
* 8.202	38.58	PK1	35.8	-27.8	0	46.58	-	-	74	-27.42	-	-	360	200	H
* 8.204	27.11	AD1	35.8	-27.8	.8	35.91	54	-18.09	-	-	-	-	360	200	H
* 10.682	36.49	PK1	37.8	-24	0	50.29	-	-	74	-23.71	-	-	360	100	H
* 10.684	24.76	AD1	37.8	-24	.8	39.36	54	-14.64	-	-	-	-	360	100	H
* 11.509	36.49	PK1	38.4	-23.1	0	51.79	-	-	74	-22.21	-	-	360	100	H
* 11.511	25.23	AD1	38.4	-23.2	.8	41.23	54	-12.77	-	-	-	-	360	100	H
* 12.427	37.31	PK1	39	-25	0	51.31	-	-	74	-22.69	-	-	360	200	H
* 12.428	25.65	AD1	39	-25	.8	40.45	54	-13.55	-	-	-	-	360	200	H
* 15.783	38.76	PK1	40.3	-25.7	0	53.36	-	-	74	-20.64	-	-	360	100	H
* 15.782	27.26	AD1	40.3	-25.6	.8	42.76	54	-11.24	-	-	-	-	360	100	H

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

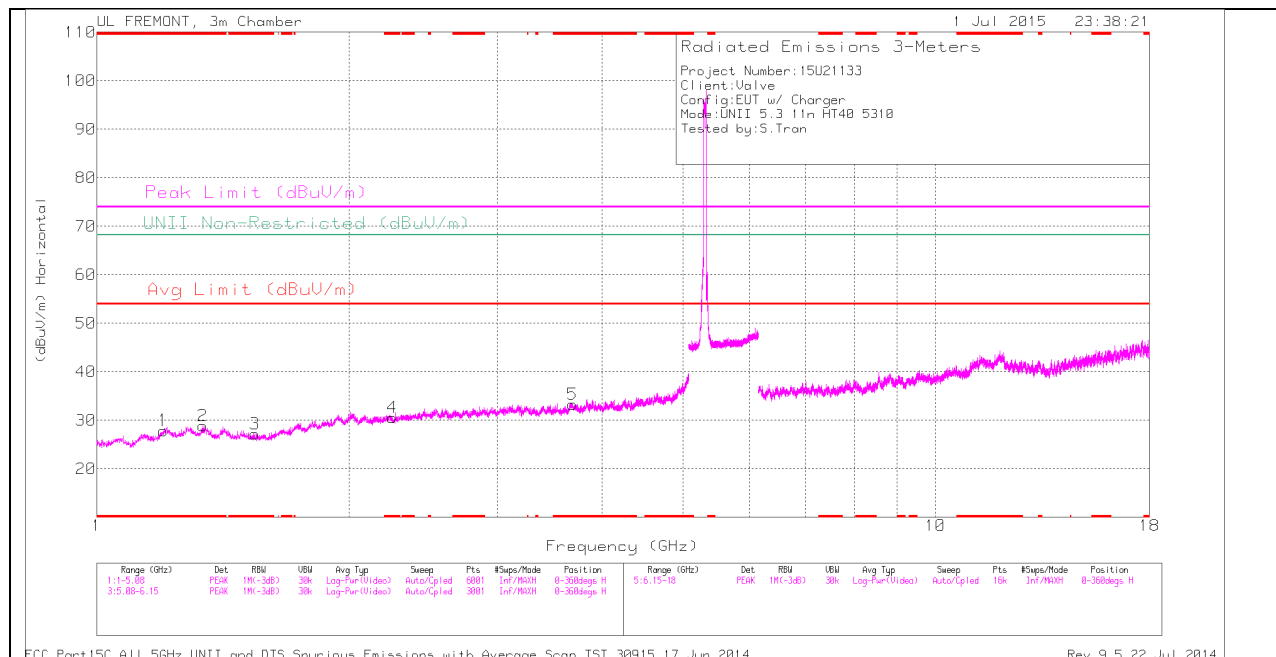
PK1 - KDB789033 Method: Peak

AD1 - KDB789033 Method: AD Primary Power Average

FCC Part15C All 5GHz UNII and DTS Spurious Emissions with Average Scan.TST 30915 17 Jun 2014

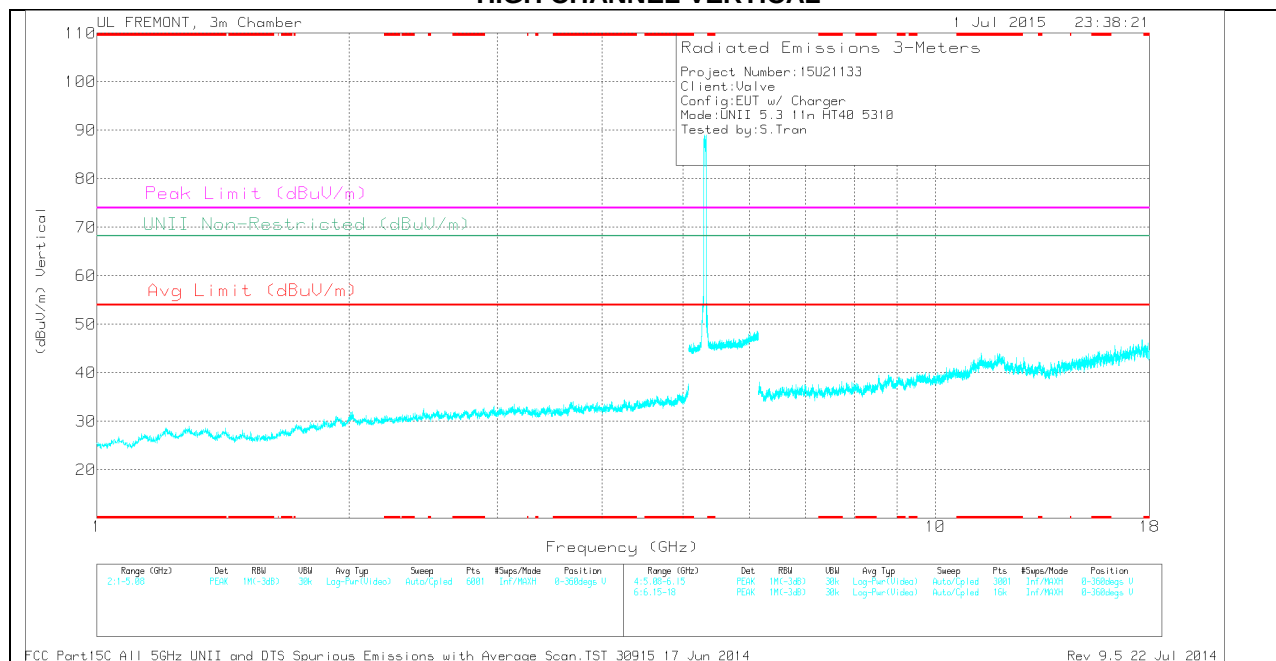
Rev 9.5 22 Jul 2014

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 T119 (dB/m)	Amp/Cb/r/Flt r/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	* 1.2	31.61	PK	28.9	-32.6	0	27.91	-	-	74	-46.09	-	-	0-360	200	H
2	* 1.339	32.34	PK	29.4	-32.8	0	28.94	-	-	74	-45.06	-	-	0-360	100	H
3	* 1.543	31.83	PK	28.1	-32.7	0	27.23	-	-	74	-46.77	-	-	0-360	200	H
4	* 2.252	30.62	PK	31.5	-31.6	0	30.52	-	-	74	-43.48	-	-	0-360	100	H
5	* 3.693	30.39	PK	33	-30.1	0	33.29	-	-	74	-40.71	-	-	0-360	200	H

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

PK - Peak detector

Radiated Emissions

Frequency (GHz)	Meter Reading (dBuV)	Det	AF T119 (dB/m)	Amp/Cb/r/Flt r/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
* 1.201	41.43	PK1	28.9	-32.6	0	37.73	-	-	74	-36.27	-	-	360	200	H
* 1.201	29.83	AD1	28.9	-32.6	.8	26.93	54	-27.07	-	-	-	-	360	200	H
* 1.338	41.24	PK1	29.4	-32.8	0	37.84	-	-	74	-36.16	-	-	360	100	H
* 1.34	29.73	AD1	29.4	-32.8	.8	27.13	54	-26.87	-	-	-	-	360	100	H
* 1.544	41.48	PK1	28.1	-32.7	0	36.88	-	-	74	-37.12	-	-	360	200	H
* 1.544	29.62	AD1	28.1	-32.7	.8	25.82	54	-28.18	-	-	-	-	360	200	H
* 2.25	40.2	PK1	31.5	-31.7	0	40	-	-	74	-34	-	-	360	100	H
* 2.25	28.87	AD1	31.5	-31.7	.8	29.47	54	-24.53	-	-	-	-	360	100	H
* 3.692	40.34	PK1	33	-30	0	43.34	-	-	74	-30.66	-	-	360	200	H
* 3.693	28.5	AD1	33	-30	.8	32.3	54	-21.7	-	-	-	-	360	200	H
* 1.202	41.65	PK1	28.9	-32.7	0	37.85	-	-	74	-36.15	-	-	360	200	H
* 1.202	29.76	AD1	28.9	-32.6	.8	26.86	54	-27.14	-	-	-	-	360	200	H

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

PK1 - KDB789033 Method: Peak

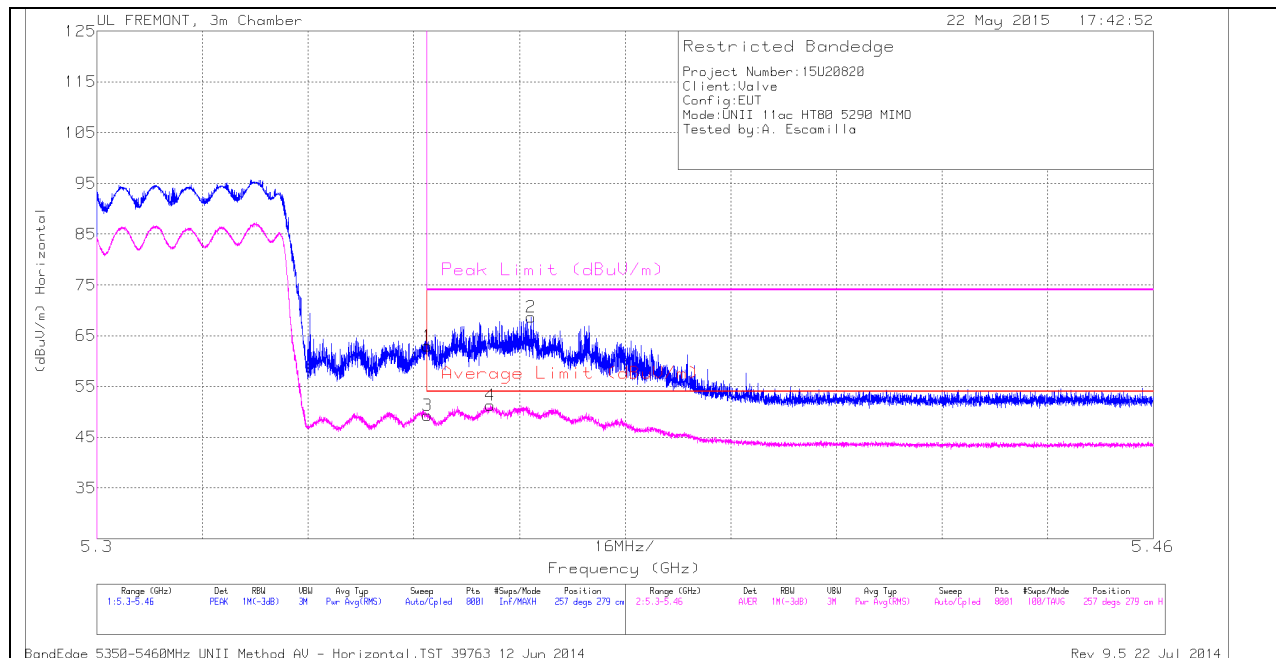
AD1 - KDB789033 Method: AD Primary Power Average

FCC Part15C All 5GHz UNII and DTS Spurious Emissions with Average Scan.TST 30915 17 Jun 2014

Rev 9.5 22 Jul 2014

13.1.3. 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

Trace Markers

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	49.8	PK	34.5	-21.4	0	62.9	-	-	74	-11.1	257	279	H
3	5.35	35.55	RMS	34.5	-21.4	.66	49.31	54	-4.69	-	-	257	279	H
4	5.36	37.57	RMS	34.5	-21.4	.66	51.33	54	-2.67	-	-	257	279	H
2	5.366	55.72	PK	34.5	-21.5	0	68.72	-	-	74	-5.28	257	279	H

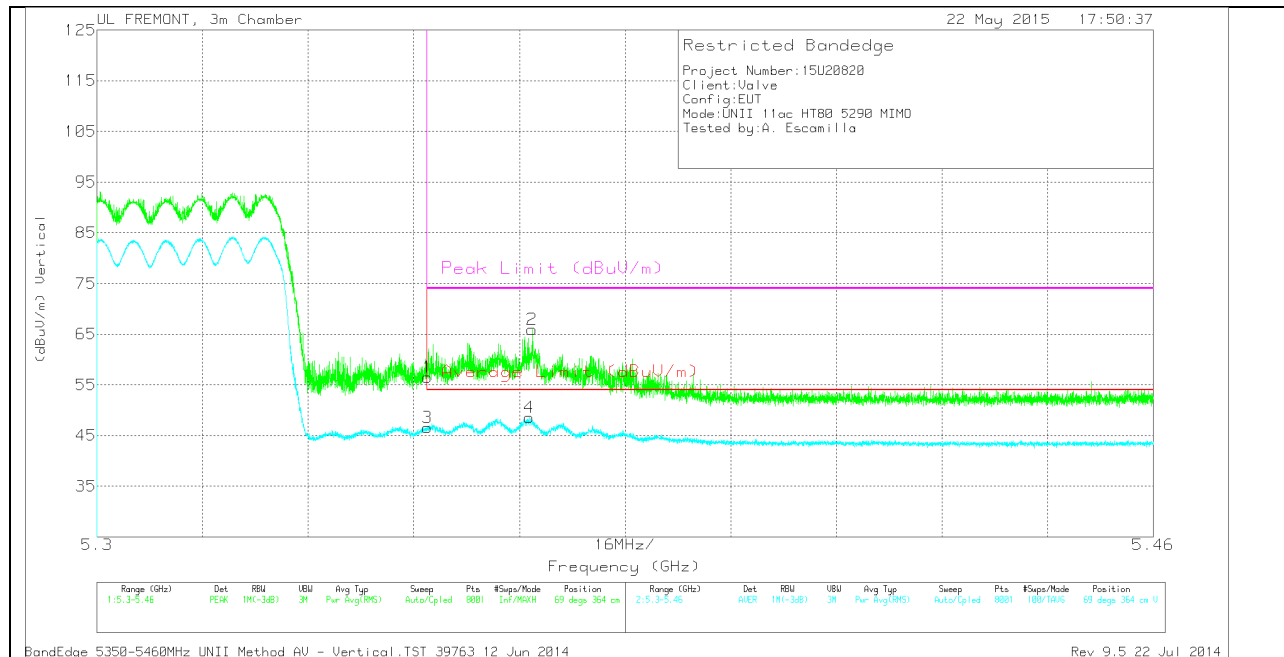
PK - Peak detector

RMS - RMS detection

BandEdge 5350-5460MHz UNII Method AV - Horizontal.TST 39763 12 Jun 2014

Rev 9.5 22 Jul 2014

VERTICAL PEAK AND AVERAGE PLOT



VERTICAL DATA

Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T119 (dB/m)	Amp/Cb/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
1	5.35	43.35	PK	34.5	-21.4	0	56.45	-	-	74	-17.55	69	364	V
3	5.35	32.77	RMS	34.5	-21.4	.66	46.53	54	-7.47	-	-	69	364	V
4	5.365	34.85	RMS	34.5	-21.5	.66	48.51	54	-5.49	-	-	69	364	V
2	5.366	52.96	PK	34.5	-21.5	0	65.96	-	-	74	-8.04	69	364	V

PK - Peak detector

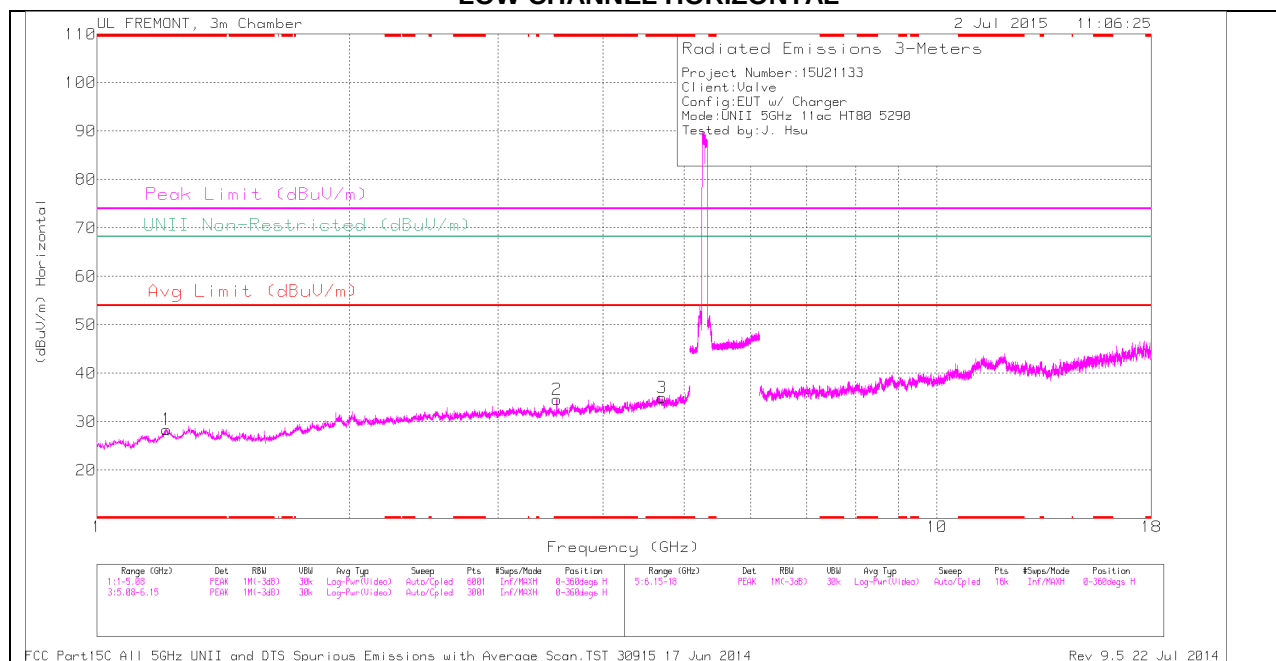
RMS - RMS detection

BandEdge 5350-5460MHz UNII Method AV - Vertical.TST 39763 12 Jun 2014

Rev 9.5 22 Jul 2014

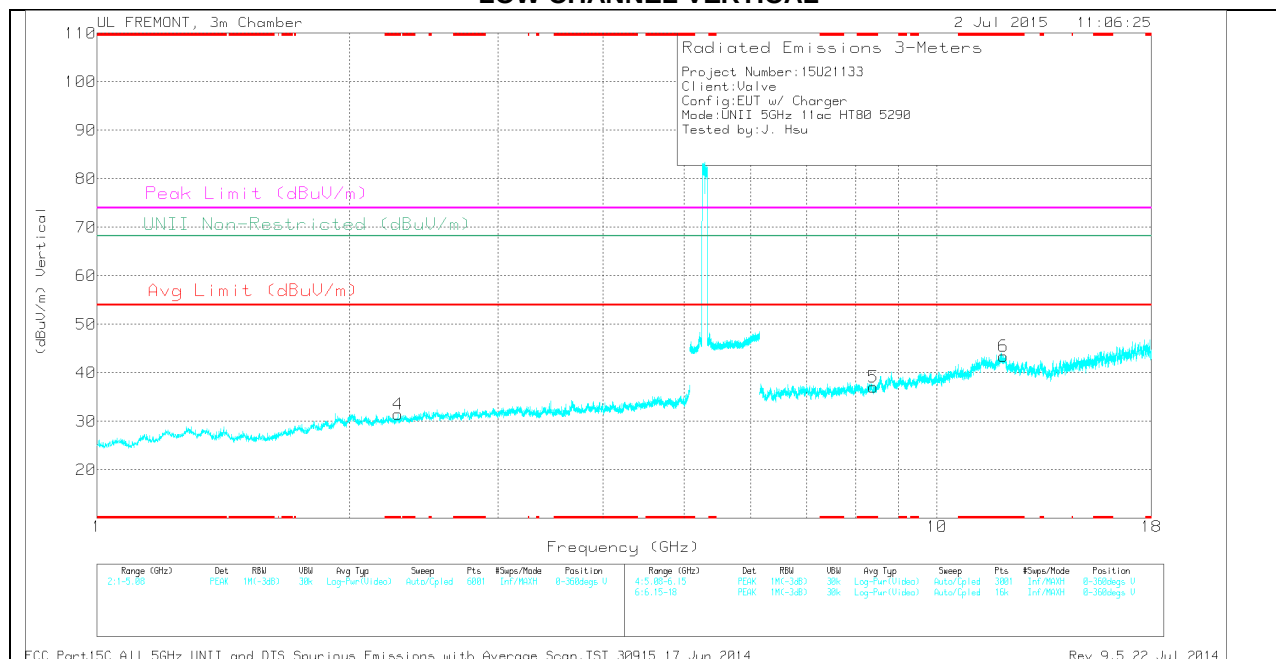
HARMONICS AND SPURIOUS EMISSIONS

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	* 1.211	32.13	PK	29	-32.7	0	28.43	-	-	74	-45.57	-	-	0-360	200	H
2	* 3.527	32.84	PK	32.8	-31	0	34.64	-	-	74	-39.36	-	-	0-360	100	H
3	* 4.703	30.78	PK	34.1	-29.9	0	34.98	-	-	74	-39.02	-	-	0-360	200	H
4	* 2.284	31.52	PK	31.6	-31.6	0	31.52	-	-	74	-42.48	-	-	0-360	200	V
5	* 8.401	28.03	PK	35.8	-26.8	0	37.03	-	-	74	-36.97	-	-	0-360	100	V
6	* 11.994	27.76	PK	39.1	-23.4	0	43.46	-	-	74	-30.54	-	-	0-360	100	V

* - indicates frequency in CFR15.205/IC7.2.2 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
* 1.21	42.46	PK1	29	-32.7	0	38.76	-	-	74	-35.24	-	-	360	100	H
* 1.21	30.08	AD1	29	-32.7	1.02	27.4	54	-26.6	-	-	-	-	360	100	H
* 3.526	42.05	PK1	32.8	-31	0	43.85	-	-	74	-30.15	-	-	360	100	H
* 3.527	29.86	AD1	32.8	-31	1.02	32.68	54	-21.32	-	-	-	-	360	100	H
* 4.705	40.57	PK1	34.1	-29.9	0	44.77	-	-	74	-29.23	-	-	360	100	H
* 4.704	28.62	AD1	34.1	-29.9	1.02	33.84	54	-20.16	-	-	-	-	360	100	H
* 2.283	40.25	PK1	31.6	-31.6	0	40.25	-	-	74	-33.75	-	-	360	100	V
* 2.282	28.65	AD1	31.6	-31.6	1.02	29.67	54	-24.33	-	-	-	-	360	100	V
* 8.4	37.33	PK1	35.8	-26.8	0	46.33	-	-	74	-27.67	-	-	360	100	V
* 8.399	26.32	AD1	35.8	-26.8	1.02	36.34	54	-17.66	-	-	-	-	360	100	V
* 11.994	36.56	PK1	39.1	-23.4	0	52.26	-	-	74	-21.74	-	-	360	100	V
* 11.996	25.15	AD1	39.1	-23.4	1.02	41.87	54	-12.13	-	-	-	-	360	100	V

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

PK1 - KDB789033 Method: Peak

AD1 - KDB789033 Method: AD Primary Power Average

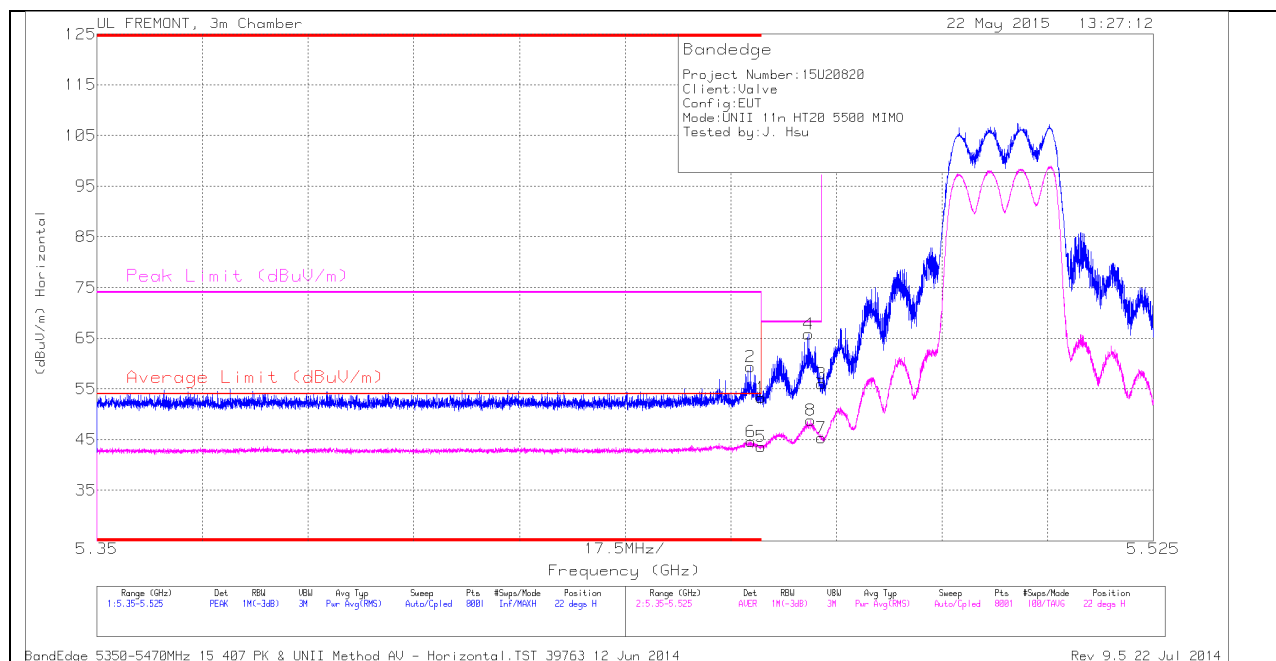
FCC Part15C All 5GHz UNII and DTS Spurious Emissions with Average Scan.TST 30915 17 Jun 2014

Rev 9.5 22 Jul 2014

13.2. 5.5-5.6 GHz

13.2.1. 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

Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T119 (dB/m)	Amp/Cbl/ Ftr/Pad (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	40.12	PK	34.6	-21.4	53.32	-	-	74	-20.68	22	266	H
2	* 5.458	46.14	PK	34.6	-21.4	59.34	-	-	74	-14.66	22	266	H
5	* 5.46	30.42	RMS	34.6	-21.4	43.62	54	-10.38	-	-	22	266	H
6	* 5.458	31.41	RMS	34.6	-21.4	44.61	54	-9.39	-	-	22	266	H
4	5.468	52.54	PK	34.6	-21.3	65.84	-	-	68.2	-2.36	22	266	H
8	5.468	35.47	RMS	34.6	-21.3	48.77	-	-	-	-	22	266	H
3	5.47	42.66	PK	34.6	-21.3	55.96	-	-	68.2	-12.24	22	266	H
7	5.47	32.05	RMS	34.6	-21.3	45.35	-	-	-	-	22	266	H

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

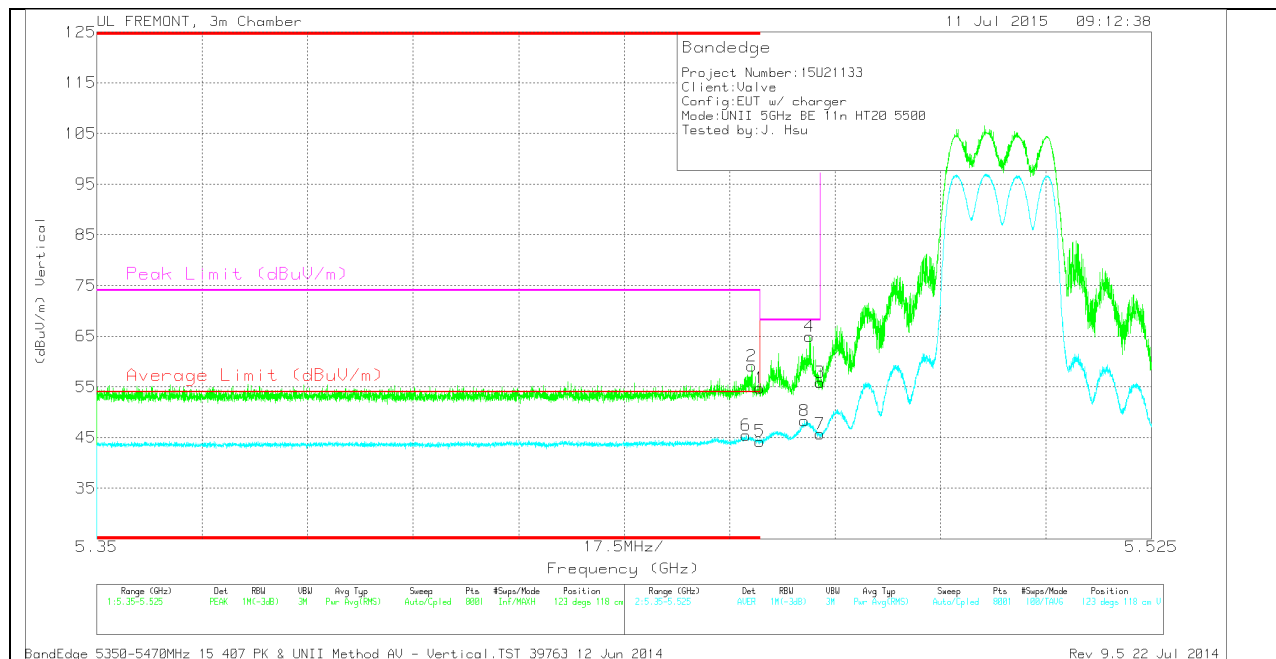
PK - Peak detector

RMS - RMS detection

BandEdge 5350-5470MHz 15_407 PK & UNII Method AV - Horizontal.TST 39763 12 Jun 2014

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VERTICAL PEAK AND AVERAGE PLOT



VERTICAL DATA

Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T119 (dB/m)	Amp/Cbl/ Ftr/Pad (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	40.81	PK	34.6	-20.7	54.71	-	-	74	-19.29	123	118	V
2	* 5.459	45.08	PK	34.6	-20.6	59.08	-	-	74	-14.92	123	118	V
5	* 5.46	30.37	RMS	34.6	-20.7	44.27	54	-9.73	-	-	123	118	V
6	* 5.458	31.43	RMS	34.6	-20.6	45.43	54	-8.57	-	-	123	118	V
8	5.467	34.32	RMS	34.6	-20.6	48.32	-	-	-	-	123	118	V
4	5.468	50.84	PK	34.6	-20.5	64.94	-	-	68.2	-3.26	123	118	V
3	5.47	41.85	PK	34.6	-20.6	55.85	-	-	68.2	-12.35	123	118	V
7	5.47	31.66	RMS	34.6	-20.6	45.66	-	-	-	-	123	118	V

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

PK - Peak detector

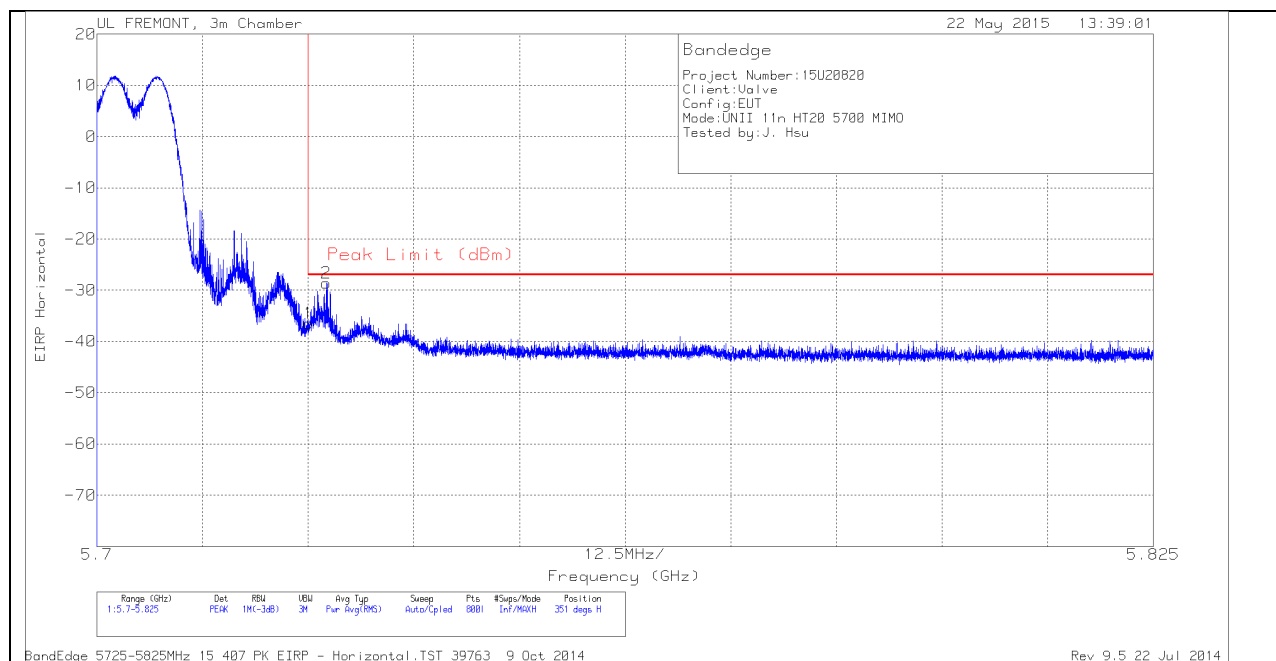
RMS - RMS detection

BandEdge 5350-5470MHz 15_407 PK & UNII Method AV - Vertical.TST 39763 12 Jun 2014

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AUTHORIZED BANDEDGE (HIGH CHANNEL)

HORIZONTAL PEAK AND AVERAGE PLOT



HORIZONTAL DATA

Trace Markers

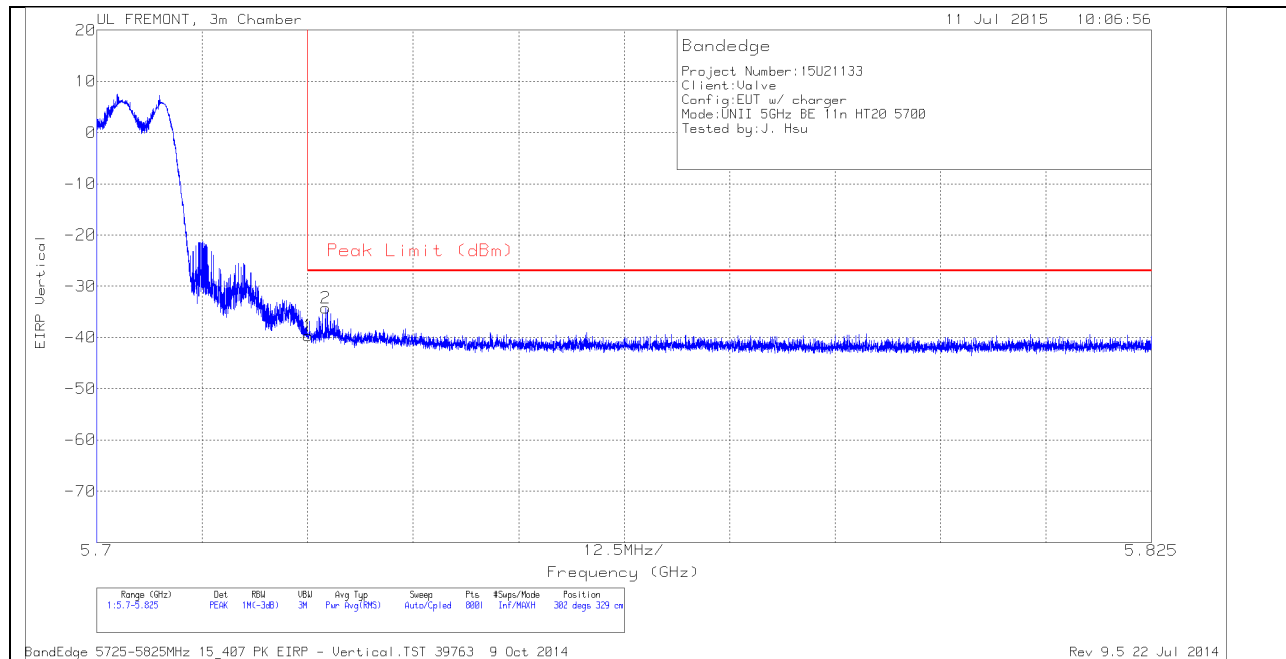
Marker	Frequency (GHz)	Meter Reading (dBm)	Det	AF T119 (dB/m)	Amp/Cbl/F ltr/Pad (dB)	Conversion Factor (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.725	-61.93	PK	34.8	-21.1	11.8	-36.43	-27	-9.43	351	305	H
2	5.727	-54.15	PK	34.8	-21.1	11.8	-28.65	-27	-1.65	351	305	H

PK - Peak detector

BandEdge 5725-5825MHz 15_407 PK EIRP - Horizontal.TST 39763 9 Oct 2014

Rev 9.5 22 Jul 2014

VERTICAL PEAK AND AVERAGE PLOT



VERTICAL DATA

Trace Markers

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	-65.98	PK	34.8	-20.3	11.8	-39.68	-27	-12.68	302	329	V
2	5.727	-60.51	PK	34.8	-20.3	11.8	-34.21	-27	-7.21	302	329	V

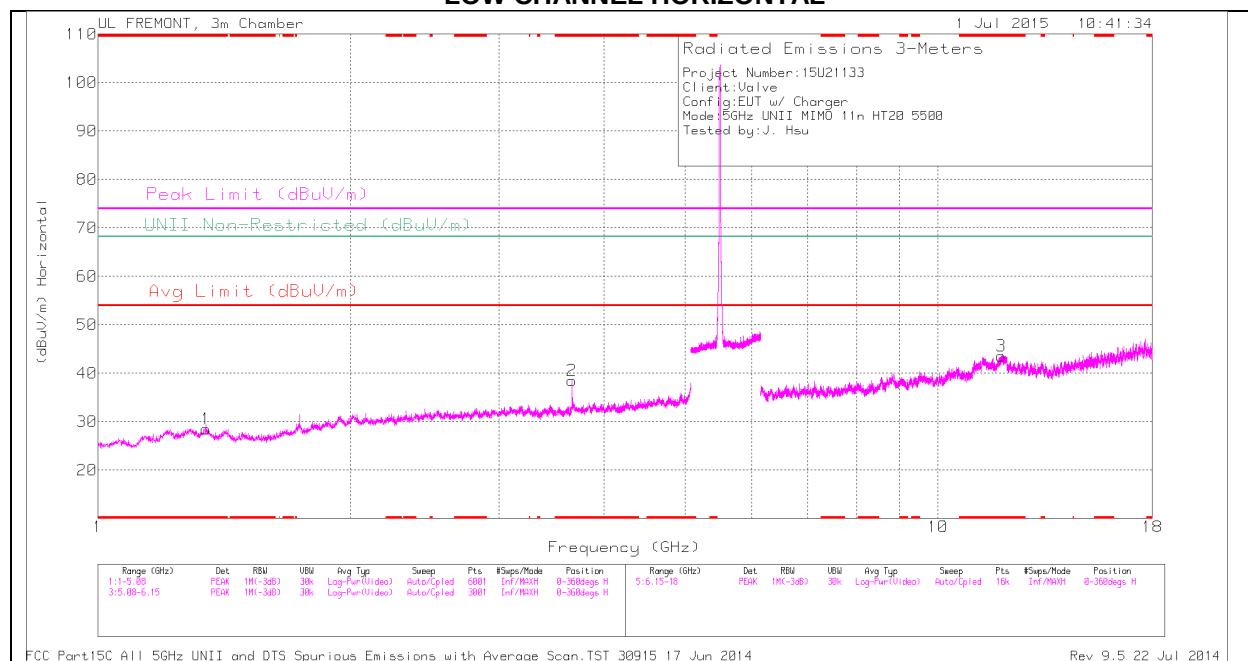
PK - Peak detector

BandEdge 5725-5825MHz 15_407 PK EIRP - Vertical.TST 39763 9 Oct 2014

Rev 9.5 22 Jul 2014

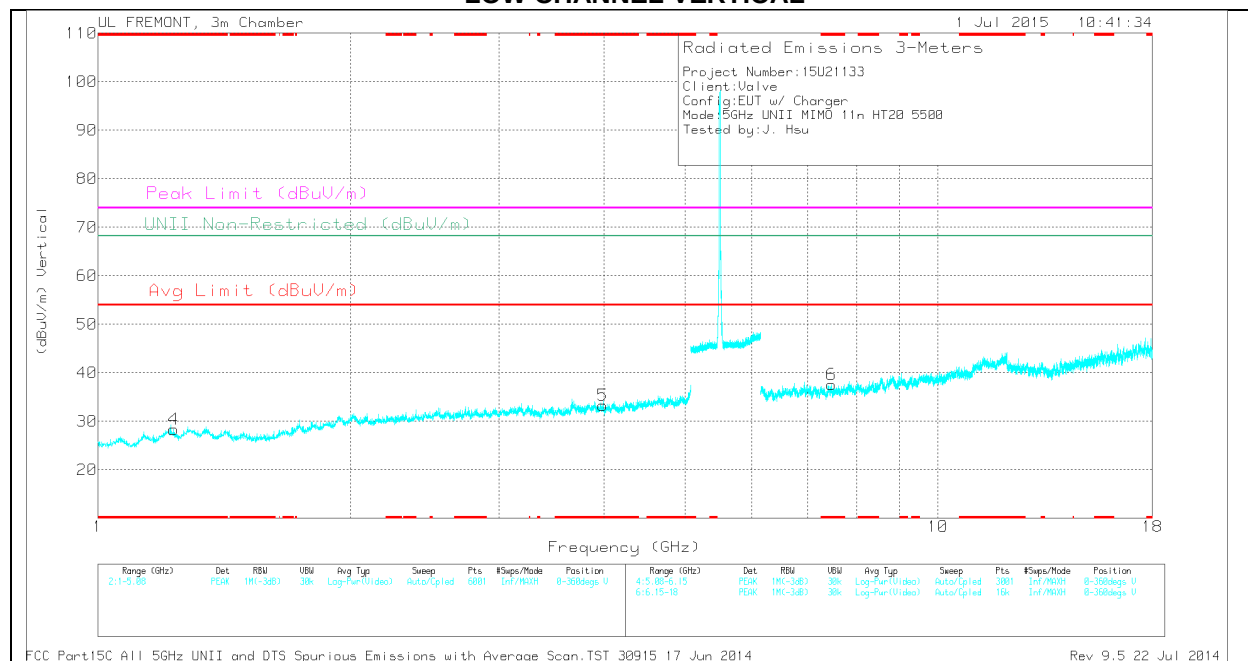
HARMONICS AND SPURIOUS EMISSIONS

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/Fitr /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	* 1.345	32	PK	29.3	-32.8	28.5	-	-	74	-45.5	-	-	0-360	100	H
2	* 3.666	35.35	PK	32.9	-29.8	38.45	-	-	74	-35.55	-	-	0-360	100	H
4	* 1.231	31.89	PK	29.2	-32.7	28.39	-	-	74	-45.61	-	-	0-360	200	V
5	* 3.989	31.05	PK	33.2	-30.9	33.35	-	-	74	-40.65	-	-	0-360	100	V
3	* 11.901	28	PK	39.1	-23.5	43.6	-	-	74	-30.4	-	-	0-360	100	H
6	* 7.464	29.27	PK	35.7	-27.4	37.57	-	-	74	-36.43	-	-	0-360	100	V

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

PK - Peak detector

Radiated Emissions

Frequency (GHz)	Meter Reading (dBuV)	Det	AF T119 (dB/m)	Amp/Cbl/FI tr/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
* 1.346	41.57	PK1	29.3	-32.8	38.07	-	-	74	-35.93	-	-	360	100	H
* 1.344	30.08	AD1	29.3	-32.8	26.58	54	-27.42	-	-	-	-	360	100	H
* 3.667	42.21	PK1	32.9	-29.8	45.31	-	-	74	-28.69	-	-	301	323	H
* 3.667	33.96	AD1	32.9	-29.7	37.16	54	-16.84	-	-	-	-	301	323	H
* 1.23	40.64	PK1	29.2	-32.7	37.14	-	-	74	-36.86	-	-	301	323	V
* 1.229	29.38	AD1	29.2	-32.7	25.88	54	-28.12	-	-	-	-	301	323	V
* 3.989	40.51	PK1	33.2	-30.9	42.81	-	-	74	-31.19	-	-	301	323	V
* 3.989	29.09	AD1	33.2	-30.9	31.39	54	-22.61	-	-	-	-	301	323	V
* 11.9	36.9	PK1	39.1	-23.5	52.5	-	-	74	-21.5	-	-	301	323	H
* 11.9	25.24	AD1	39.1	-23.5	40.84	54	-13.16	-	-	-	-	301	323	H
* 7.463	38.53	PK1	35.7	-27.4	46.83	-	-	74	-27.17	-	-	301	323	V
* 7.462	27.13	AD1	35.7	-27.5	35.33	54	-18.67	-	-	-	-	301	323	V

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

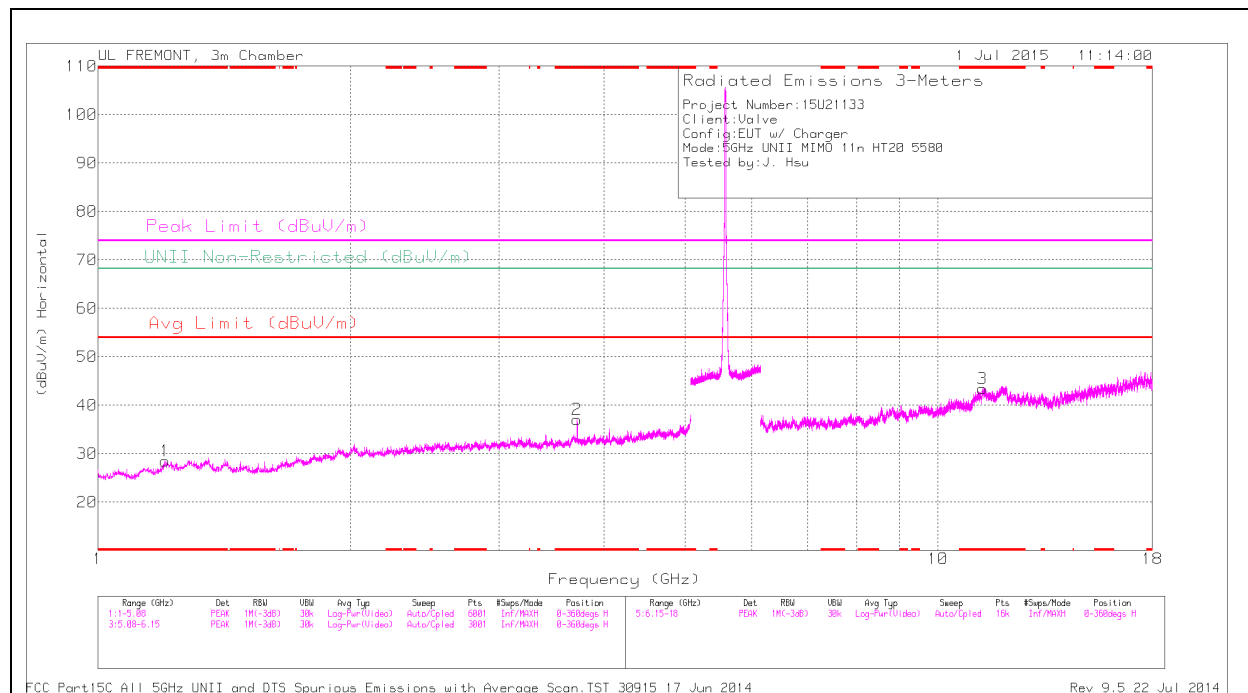
PK1 - KDB789033 Method: Peak

AD1 - KDB789033 Method: AD Primary Power Average

FCC Part15C All 5GHz UNII and DTS Spurious Emissions with Average Scan.TST 30915 17 Jun 2014

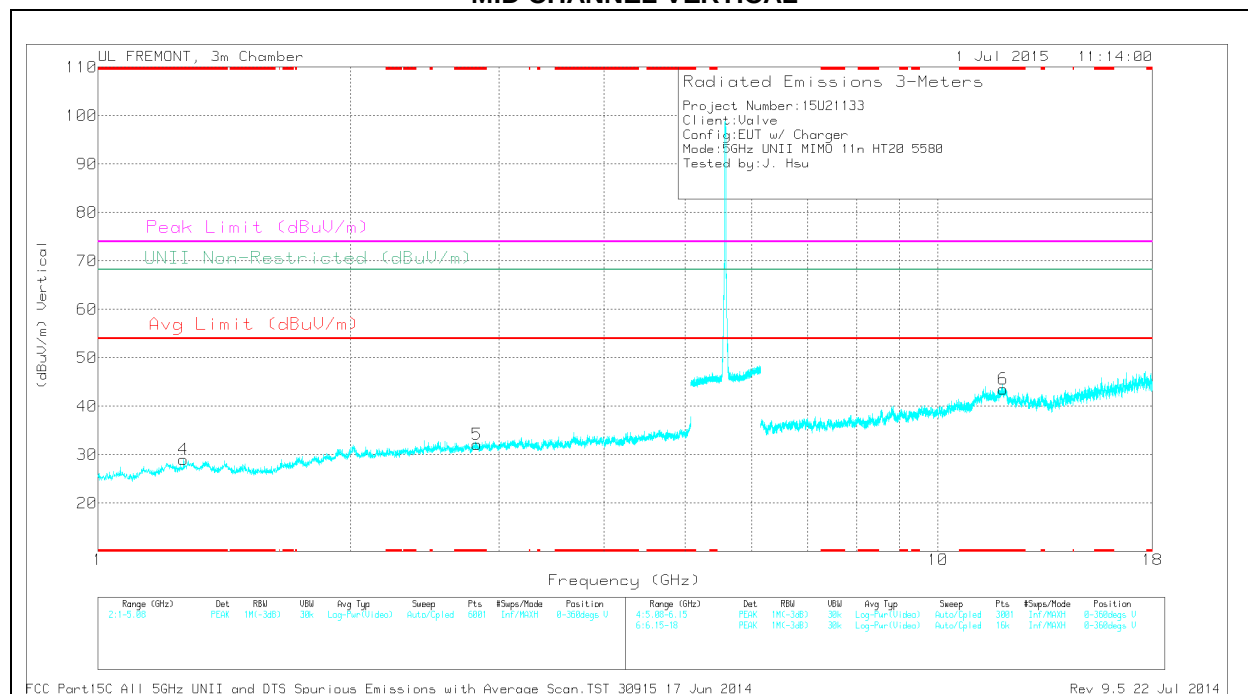
Rev 9.5 22 Jul 2014

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/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	* 1.201	32.21	PK	28.9	-32.6	28.51	-	-	74	-45.49	-	-	0-360	100	H
2	* 3.72	34.27	PK	33	-30.2	37.07	-	-	74	-36.93	-	-	0-360	100	H
4	* 1.265	32.36	PK	29.6	-33	28.96	-	-	74	-45.04	-	-	0-360	100	V
5	* 2.827	31.27	PK	32.6	-31.7	32.17	-	-	74	-41.83	-	-	0-360	200	V
3	* 11.287	28.01	PK	38	-22.6	43.41	-	-	74	-30.59	-	-	0-360	200	H
6	* 11.949	28.27	PK	39.1	-23.8	43.57	-	-	74	-30.43	-	-	0-360	100	V

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

PK - Peak detector

Radiated Emissions

Frequency (GHz)	Meter Reading (dBuV)	Det	AF T119 (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
* 1.201	41.68	PK1	28.9	-32.6	37.98	-	-	74	-36.02	-	-	360	100	H
* 1.201	29.93	AD1	28.9	-32.6	26.23	54	-27.77	-	-	-	-	360	100	H
* 3.72	40.96	PK1	33	-30.2	43.76	-	-	74	-30.24	-	-	360	100	H
* 3.72	31	AD1	33	-30.2	33.8	54	-20.2	-	-	-	-	360	100	H
* 1.266	41.16	PK1	29.6	-33	37.76	-	-	74	-36.24	-	-	360	100	V
* 1.266	29.31	AD1	29.6	-33	25.91	54	-28.09	-	-	-	-	360	100	V
* 2.828	40.96	PK1	32.6	-31.7	41.86	-	-	74	-32.14	-	-	360	100	V
* 2.827	29.38	AD1	32.6	-31.7	30.28	54	-23.72	-	-	-	-	360	100	V
* 11.288	36.24	PK1	38	-22.6	51.64	-	-	74	-22.36	-	-	360	100	H
* 11.288	24.83	AD1	38	-22.6	40.23	54	-13.77	-	-	-	-	360	100	H
* 11.949	38.08	PK1	39.1	-23.8	53.38	-	-	74	-20.62	-	-	360	100	V
* 11.947	26.03	AD1	39.1	-23.7	41.43	54	-12.57	-	-	-	-	360	100	V

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

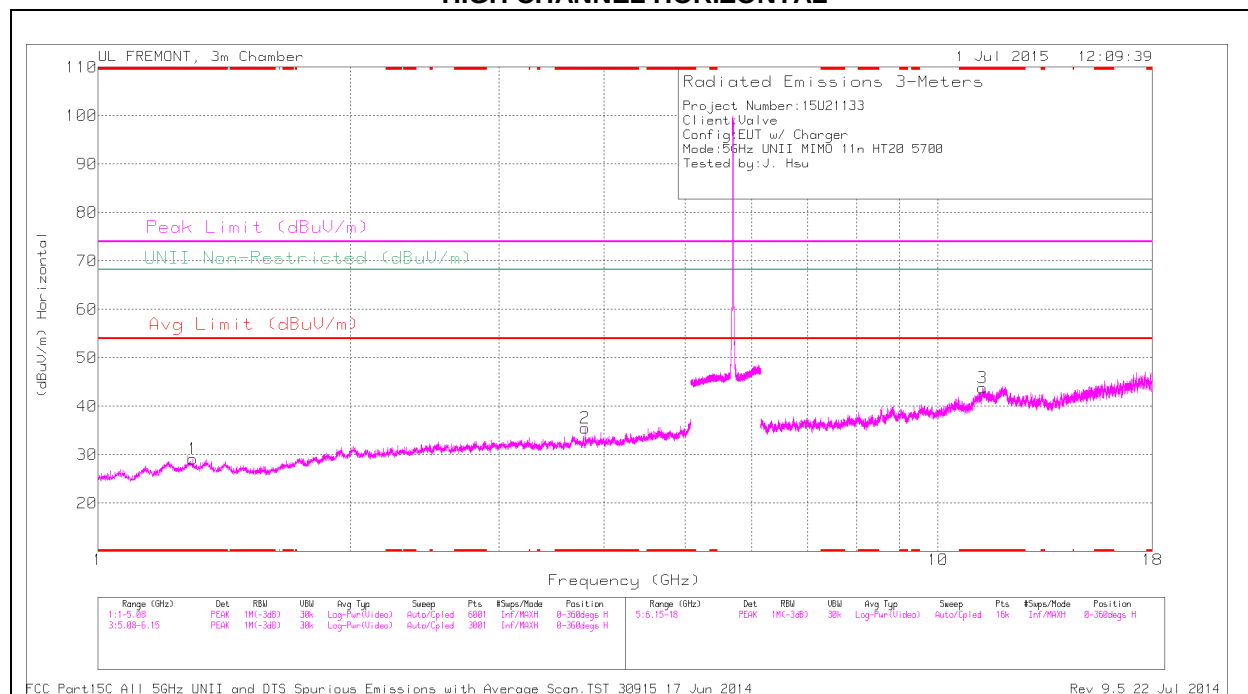
PK1 - KDB789033 Method: Peak

AD1 - KDB789033 Method: AD Primary Power Average

FCC Part15C All 5GHz UNII and DTS Spurious Emissions with Average Scan.TST 30915 17 Jun 2014

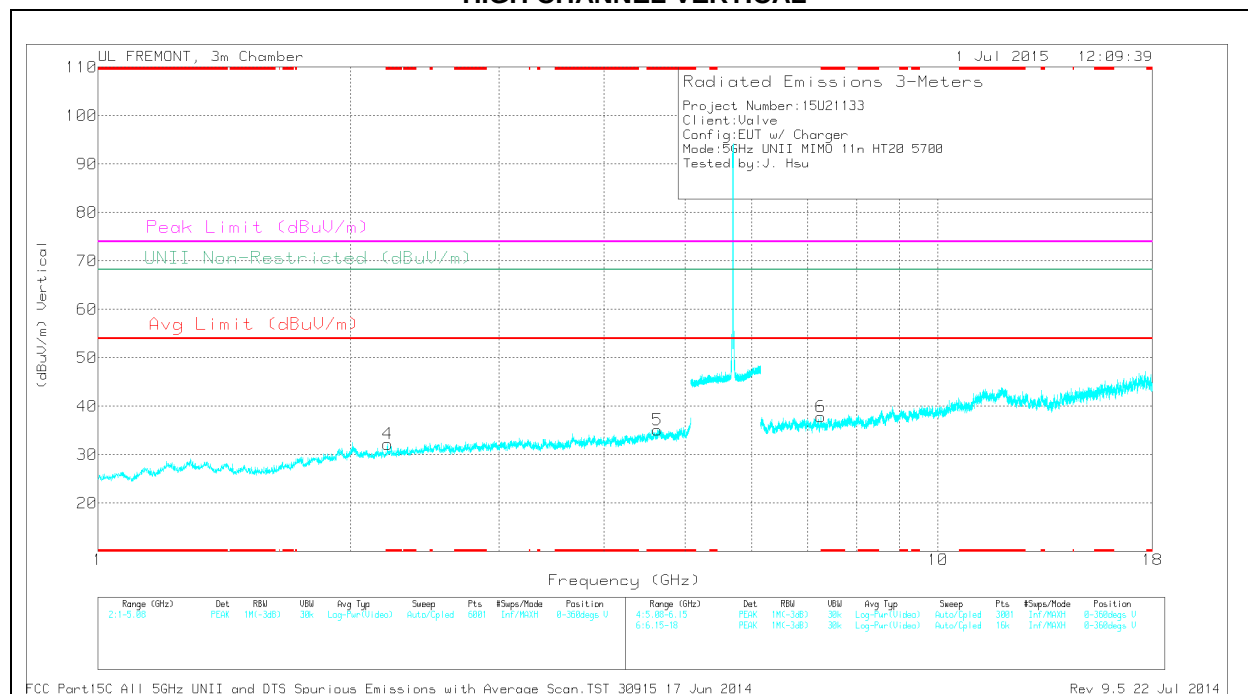
Rev 9.5 22 Jul 2014

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 T119 (dB/m)	Amp/Cbl/Fitr /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	* 1.297	32.27	PK	29.9	-33	29.17	-	-	74	-44.83	-	-	0-360	100	H
2	* 3.8	33.43	PK	33.1	-31	35.53	-	-	74	-38.47	-	-	0-360	100	H
4	* 2.211	32.5	PK	31.4	-31.7	32.2	-	-	74	-41.8	-	-	0-360	200	V
5	* 4.637	30.82	PK	33.9	-29.6	35.12	-	-	74	-38.88	-	-	0-360	200	V
3	* 11.304	28.65	PK	38.1	-22.9	43.85	-	-	74	-30.15	-	-	0-360	100	H
6	* 7.251	30.23	PK	35.6	-28	37.83	-	-	74	-36.17	-	-	0-360	200	V

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

PK - Peak detector

Radiated Emissions

Frequency (GHz)	Meter Reading (dBuV)	Det	AF T119 (dB/m)	Amp/Cbl/FI tr/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
* 1.297	41.21	PK1	29.9	-33	38.11	-	-	74	-35.89	-	-	360	200	H
* 1.299	29.77	AD1	29.9	-33	26.67	54	-27.33	-	-	-	-	360	200	H
* 3.8	40.84	PK1	33.1	-31	42.94	-	-	74	-31.06	-	-	360	200	H
* 3.8	31.04	AD1	33.1	-31	33.14	54	-20.86	-	-	-	-	360	200	H
* 2.21	40.71	PK1	31.4	-31.8	40.31	-	-	74	-33.69	-	-	360	200	V
* 2.21	29.64	AD1	31.4	-31.8	29.24	54	-24.76	-	-	-	-	360	200	V
* 4.638	39.85	PK1	33.9	-29.6	44.15	-	-	74	-29.85	-	-	360	200	V
* 4.636	28.34	AD1	33.9	-29.6	32.64	54	-21.36	-	-	-	-	360	200	V
* 11.305	36.96	PK1	38.1	-22.9	52.16	-	-	74	-21.84	-	-	360	200	H
* 11.306	25.68	AD1	38.1	-22.9	40.88	54	-13.12	-	-	-	-	360	200	H
* 7.25	38.66	PK1	35.6	-28	46.26	-	-	74	-27.74	-	-	360	200	V
* 7.251	27.6	AD1	35.6	-28	35.2	54	-18.8	-	-	-	-	360	200	V

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

PK1 - KDB789033 Method: Peak

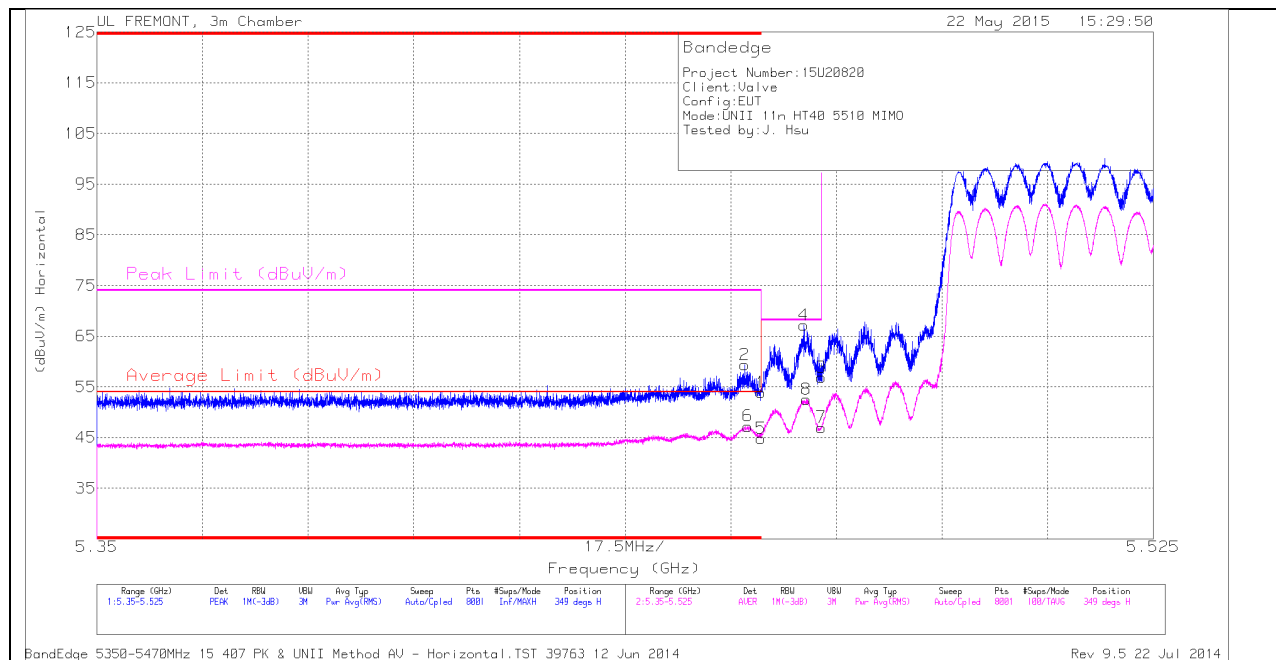
AD1 - KDB789033 Method: AD Primary Power Average

FCC Part15C All 5GHz UNII and DTS Spurious Emissions with Average Scan.TST 30915 17 Jun 2014

Rev 9.5 22 Jul 2014

**13.2.2. 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

Trace Markers

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	40.68	PK	34.6	-21.4	0	53.88	-	-	74	-20.12	349	170	H
2	* 5.457	46.2	PK	34.6	-21.4	0	59.4	-	-	74	-14.6	349	170	H
5	* 5.46	30.99	RMS	34.6	-21.4	.64	44.83	54	-9.17	-	-	349	170	H
6	* 5.458	33.41	RMS	34.6	-21.4	.64	47.25	54	-6.75	-	-	349	170	H
4	5.467	53.84	PK	34.6	-21.3	0	67.14	-	-	68.2	-1.06	349	170	H
8	5.468	38.63	RMS	34.6	-21.3	.64	52.57	-	-	-	-	349	170	H
3	5.47	43.55	PK	34.6	-21.3	0	56.85	-	-	68.2	-11.35	349	170	H
7	5.47	33.06	RMS	34.6	-21.3	.64	47	-	-	-	-	349	170	H

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

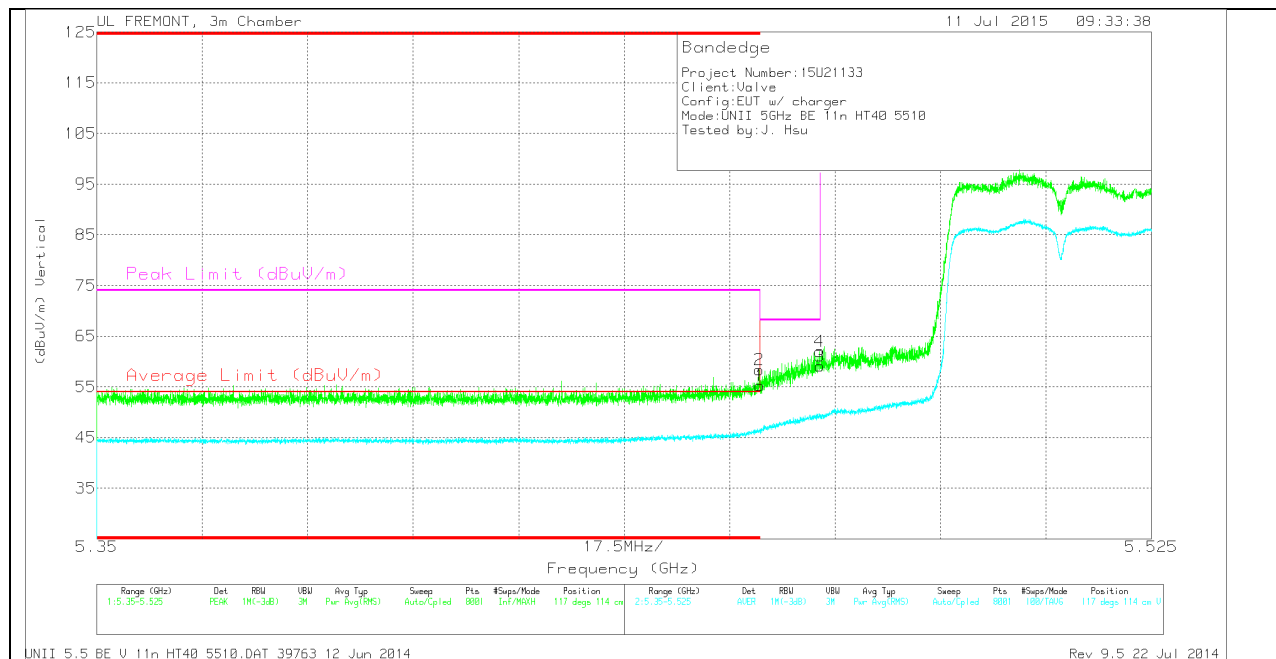
PK - Peak detector

RMS - RMS detection

BandEdge 5350-5470MHz 15_407 PK & UNII Method AV - Horizontal.TST 39763 12 Jun 2014

Rev 9.5 22 Jul 2014

VERTICAL PEAK AND AVERAGE PLOT



VERTICAL DATA

Trace Markers

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	41.38	PK	34.6	-20.7	0	55.28	-	-	74	-18.72	117	114	V
2	* 5.46	44.51	PK	34.6	-20.7	0	58.41	-	-	74	-15.59	117	114	V
5	* 5.46	31.28	RMS	34.6	-20.7	.8	45.98	54	-8.02	-	-	117	114	V
6	* 5.46	31.94	RMS	34.6	-20.7	.8	46.64	54	-7.36	-	-	117	114	V
3	5.47	45.08	PK	34.6	-20.6	0	59.08	-	-	68.2	-9.12	117	114	V
4	5.47	47.91	PK	34.6	-20.6	0	61.91	-	-	68.2	-6.29	117	114	V
7	5.47	34.32	RMS	34.6	-20.6	.8	49.12	-	-	-	-	117	114	V
8	5.47	34.86	RMS	34.6	-20.6	.8	49.66	-	-	-	-	117	114	V

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

PK - Peak detector

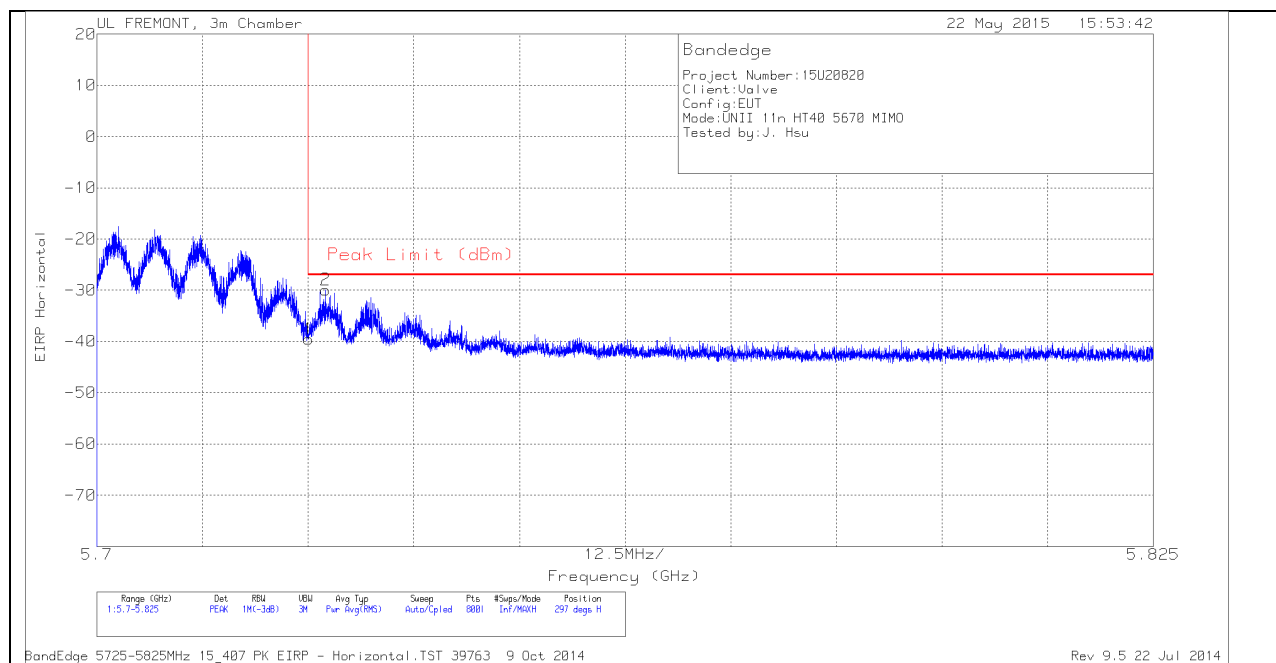
RMS - RMS detection

UNII_5.5_BE_V_11n_HT40_5510.DAT 39763 12 Jun 2014

Rev 9.5 22 Jul 2014

AUTHORIZED BANDEDGE (HIGH CHANNEL)

HORIZONTAL PEAK AND AVERAGE PLOT



HORIZONTAL DATA

Trace Markers

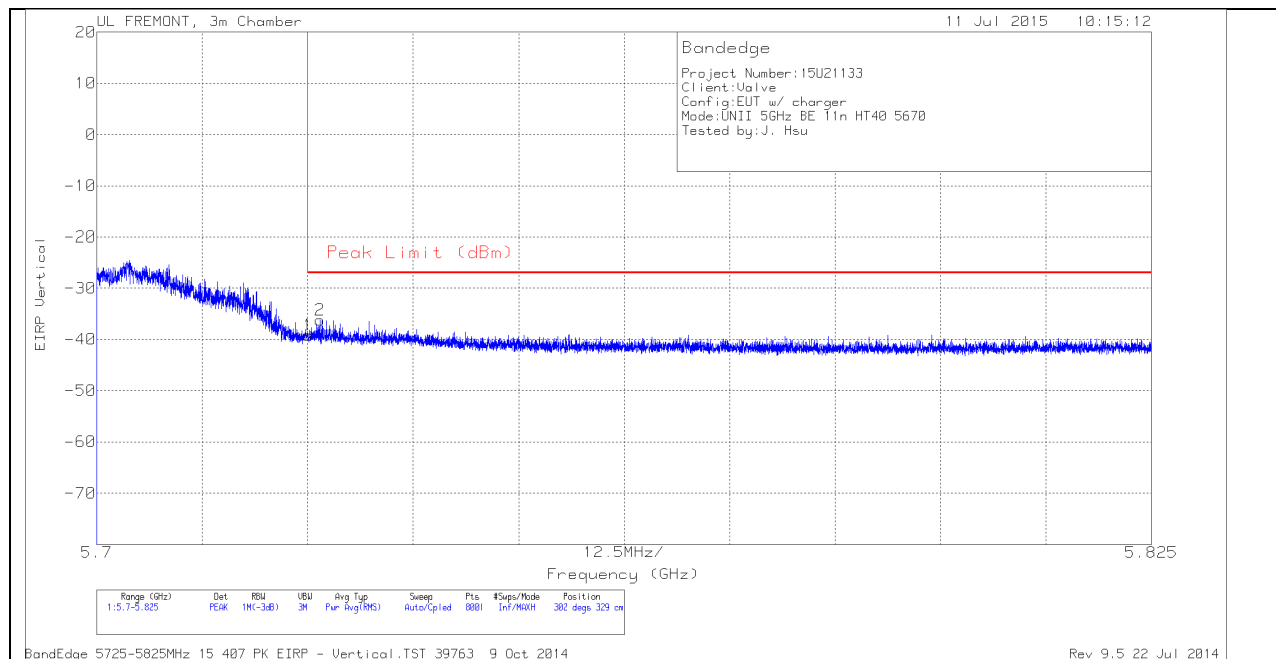
Marker	Frequency (GHz)	Meter Reading (dBm)	Det	AF T119 (dB/m)	Amp/Cbl/F ltr/Pad (dB)	Conversion Factor (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.725	-65.04	PK	34.8	-21.1	11.8	-39.54	-27	-12.54	297	358	H
2	5.727	-55.39	PK	34.8	-21.1	11.8	-29.89	-27	-2.89	297	358	H

PK - Peak detector

BandEdge 5725-5825MHz 15_407 PK EIRP - Horizontal.TST 39763 9 Oct 2014

Rev 9.5 22 Jul 2014

VERTICAL PEAK AND AVERAGE PLOT



VERTICAL DATA

Trace Markers

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	-65.49	PK	34.8	-20.3	11.8	-39.19	-27	-12.19	302	329	V
2	5.726	-62.48	PK	34.8	-20.3	11.8	-36.18	-27	-9.18	302	329	V

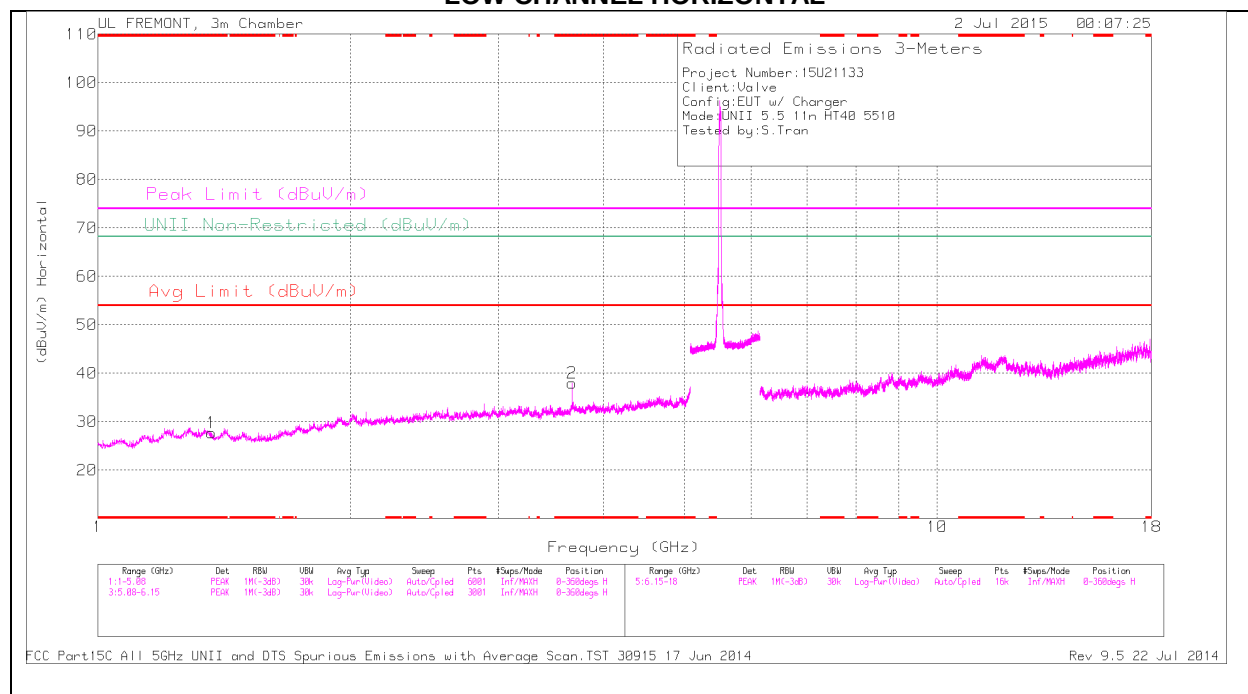
PK - Peak detector

BandEdge 5725-5825MHz 15_407 PK EIRP - Vertical.TST 39763 9 Oct 2014

Rev 9.5 22 Jul 2014

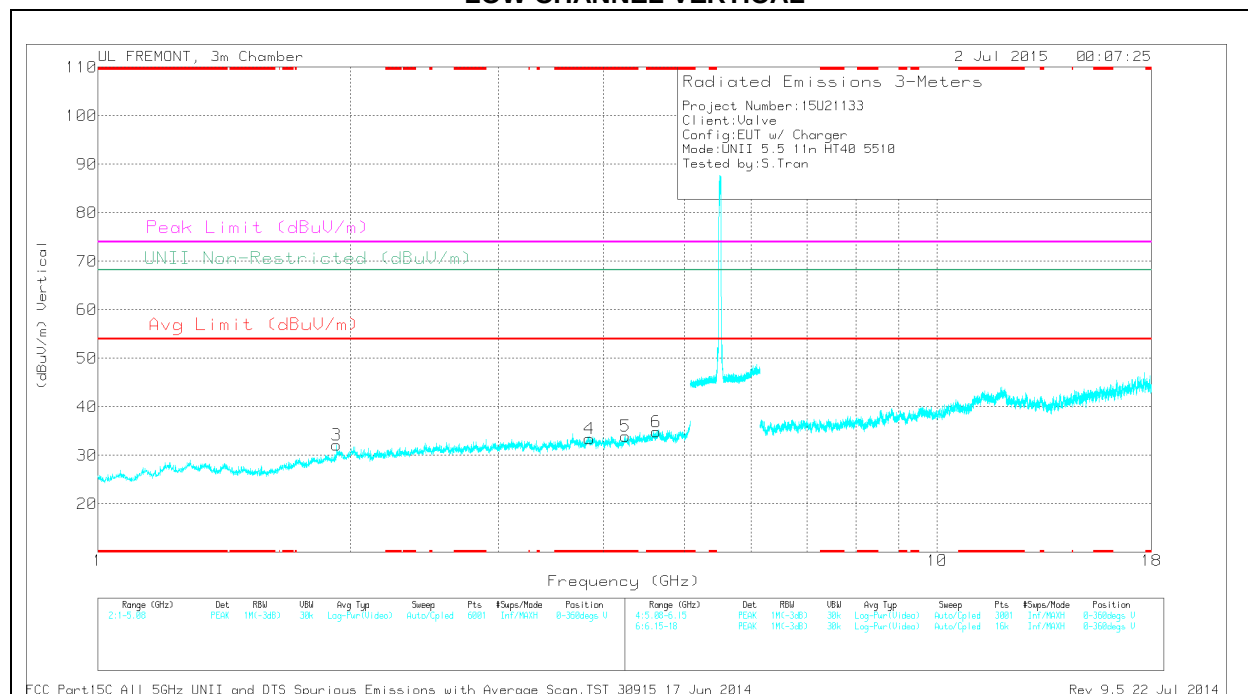
HARMONICS AND SPURIOUS EMISSIONS

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	* 1.366	31.27	PK	29.1	-32.6	0	27.77	-	-	74	-46.23	-	-	0-360	100	H
2	* 3.673	34.73	PK	33	-29.7	0	38.03	-	-	74	-35.97	-	-	0-360	100	H
4	* 3.851	30.43	PK	33.1	-30.1	0	33.43	-	-	74	-40.57	-	-	0-360	100	V
5	* 4.25	30.57	PK	33.4	-30	0	33.97	-	-	74	-40.03	-	-	0-360	200	V
6	* 4.626	30.49	PK	33.9	-29.5	0	34.89	-	-	74	-39.11	-	-	0-360	100	V
3	1.925	32.81	PK	31.2	-31.9	0	32.11	-	-	-	-	68.2	-36.09	0-360	100	V

* - indicates frequency in CFR15.205/IC7.2.2 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
* 1.364	41.83	PK1	29.1	-32.6	0	38.33	-	-	74	-35.67	-	-	0	100	H
* 1.367	29.19	AD1	29	-32.6	.8	26.39	54	-27.61	-	-	-	-	0	100	H
* 3.673	40.44	PK1	33	-29.7	0	43.74	-	-	74	-30.26	-	-	0	100	H
* 3.673	28.9	AD1	33	-29.7	.8	33	54	-21	-	-	-	-	0	100	H
* 3.852	40.06	PK1	33.1	-30	0	43.16	-	-	74	-30.84	-	-	0	100	V
* 3.849	28.53	AD1	33.1	-30.2	.8	32.23	54	-21.77	-	-	-	-	0	100	V
* 4.249	39.95	PK1	33.4	-30.1	0	43.25	-	-	74	-30.75	-	-	0	200	V
* 4.251	28.59	AD1	33.4	-30	.8	32.79	54	-21.21	-	-	-	-	0	200	V
1.926	40.72	PK1	31.2	-31.9	0	40.02	-	-	-	-	68.2	-28.18	0	100	V
1.927	29.35	AD1	31.2	-31.9	.8	29.45	-	-	-	-	-	-	0	100	V

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

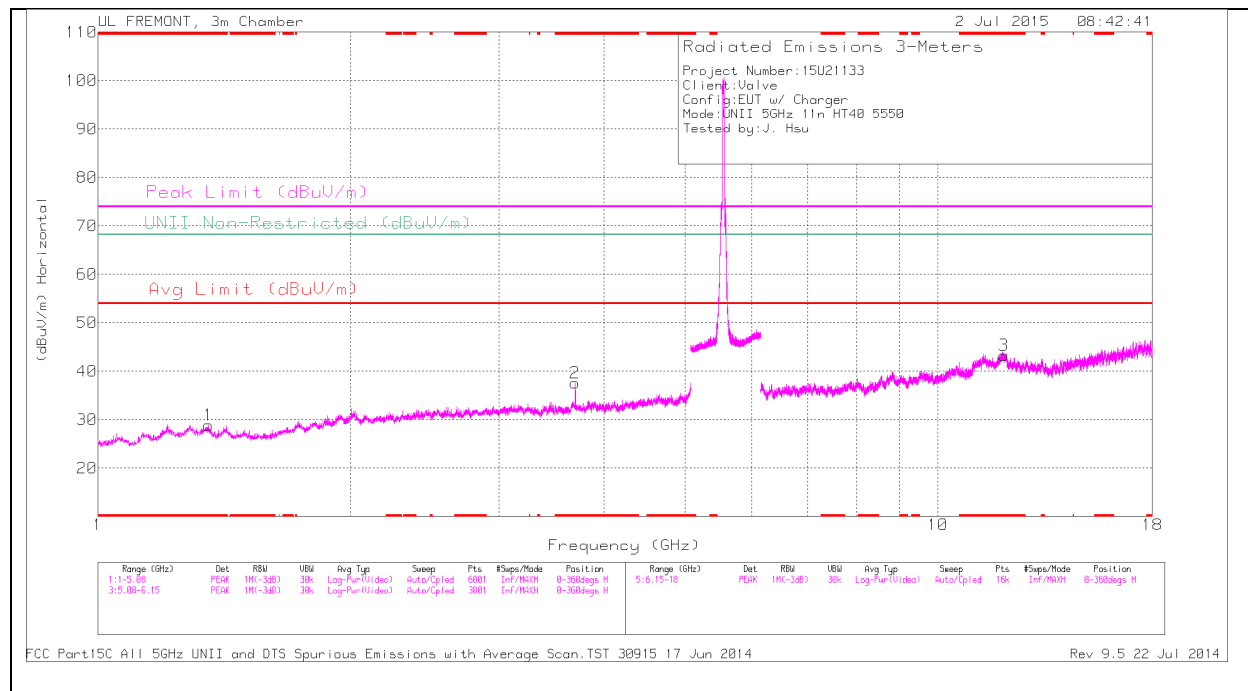
PK1 - KDB789033 Method: Peak

AD1 - KDB789033 Method: AD Primary Power Average

FCC Part15C All 5GHz UNII and DTS Spurious Emissions with Average Scan.TST 30915 17 Jun 2014

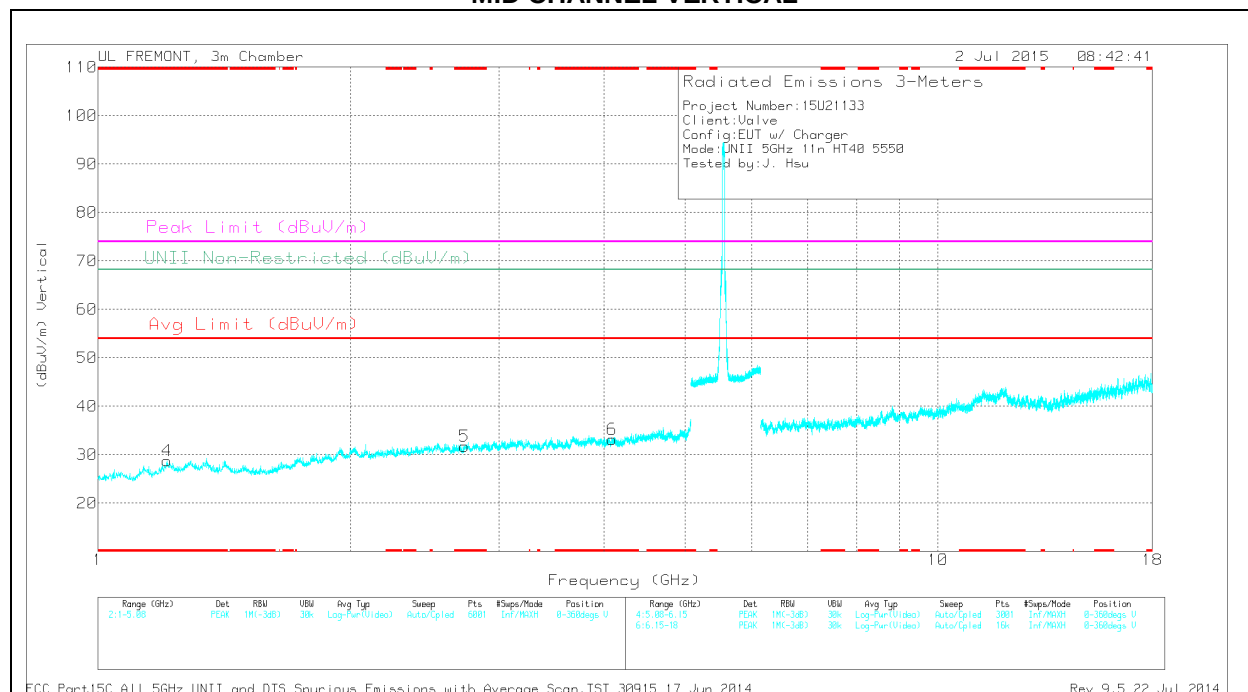
Rev 9.5 22 Jul 2014

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/ 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	* 1.354	32.37	PK	29.2	-32.7	0	28.87	-	-	74	-45.13	-	-	0-360	100	H
2	* 3.7	34.82	PK	33	-30.2	0	37.62	-	-	74	-36.38	-	-	0-360	200	H
4	* 1.209	32.43	PK	29	-32.7	0	28.73	-	-	74	-45.27	-	-	0-360	100	V
5	* 2.731	31	PK	32.4	-31.6	0	31.8	-	-	74	-42.2	-	-	0-360	200	V
6	* 4.096	30.09	PK	33.3	-30.2	0	33.19	-	-	74	-40.81	-	-	0-360	200	V
3	* 11.986	27.63	PK	39.1	-23.4	0	43.33	-	-	74	-30.67	-	-	0-360	100	H

* - indicates frequency in CFR15.205/IC7.2.2 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
* 1.354	41.36	PK1	29.2	-32.7	0	37.86	-	-	74	-36.14	-	-	3	100	H
* 1.353	29.89	AD1	29.2	-32.7	.8	27.19	54	-26.81	-	-	-	-	3	100	H
* 3.7	42.36	PK1	33	-30.2	0	45.16	-	-	74	-28.84	-	-	295	103	H
* 3.7	34.44	AD1	33	-30.2	.8	38.04	54	-15.96	-	-	-	-	295	103	H
* 1.209	42.19	PK1	29	-32.7	0	38.49	-	-	74	-35.51	-	-	295	103	V
* 1.21	30.28	AD1	29	-32.7	.8	27.38	54	-26.62	-	-	-	-	295	103	V
* 2.729	40.64	PK1	32.4	-31.6	0	41.44	-	-	74	-32.56	-	-	295	103	V
* 2.73	29.27	AD1	32.4	-31.6	.8	30.87	54	-23.13	-	-	-	-	295	103	V
* 4.094	40.02	PK1	33.3	-30.2	0	43.12	-	-	74	-30.88	-	-	295	103	V
* 4.097	28.62	AD1	33.3	-30.1	.8	32.62	54	-21.38	-	-	-	-	295	103	V
* 11.988	37.3	PK1	39.1	-23.4	0	53	-	-	74	-21	-	-	295	103	H
* 11.987	25.44	AD1	39.1	-23.4	.8	41.94	54	-12.06	-	-	-	-	295	103	H

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

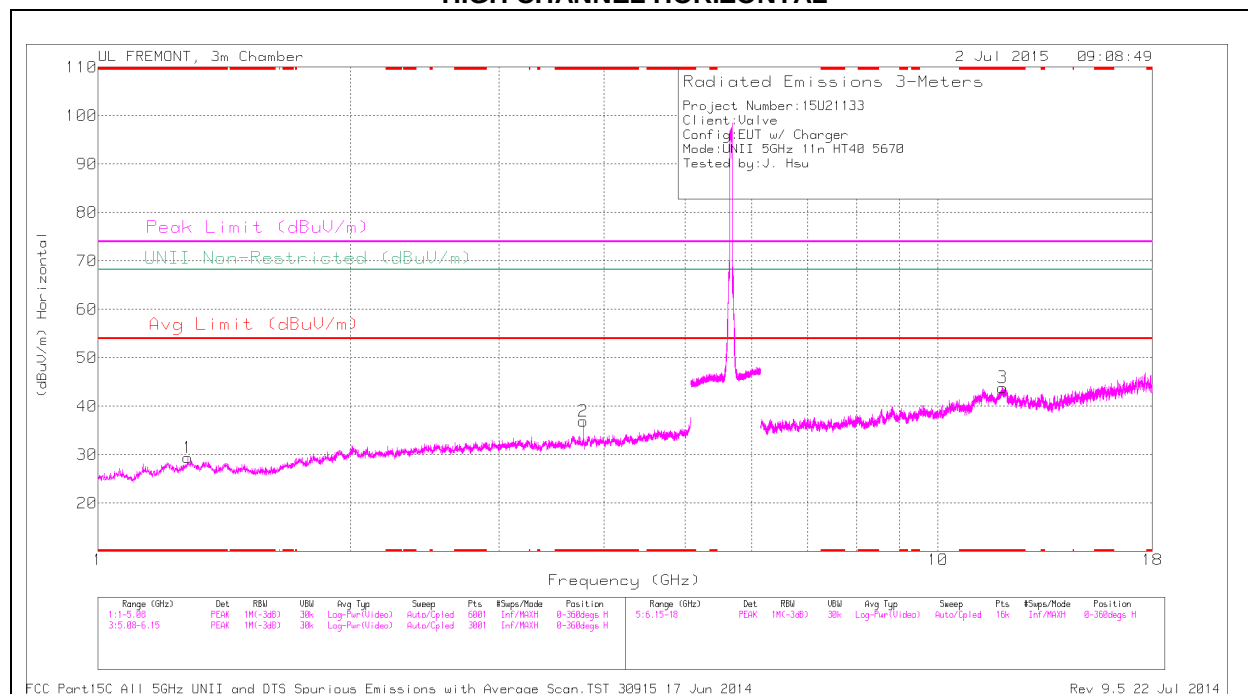
PK1 - KDB789033 Method: Peak

AD1 - KDB789033 Method: AD Primary Power Average

FCC Part15C All 5GHz UNII and DTS Spurious Emissions with Average Scan.TST 30915 17 Jun 2014

Rev 9.5 22 Jul 2014

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.