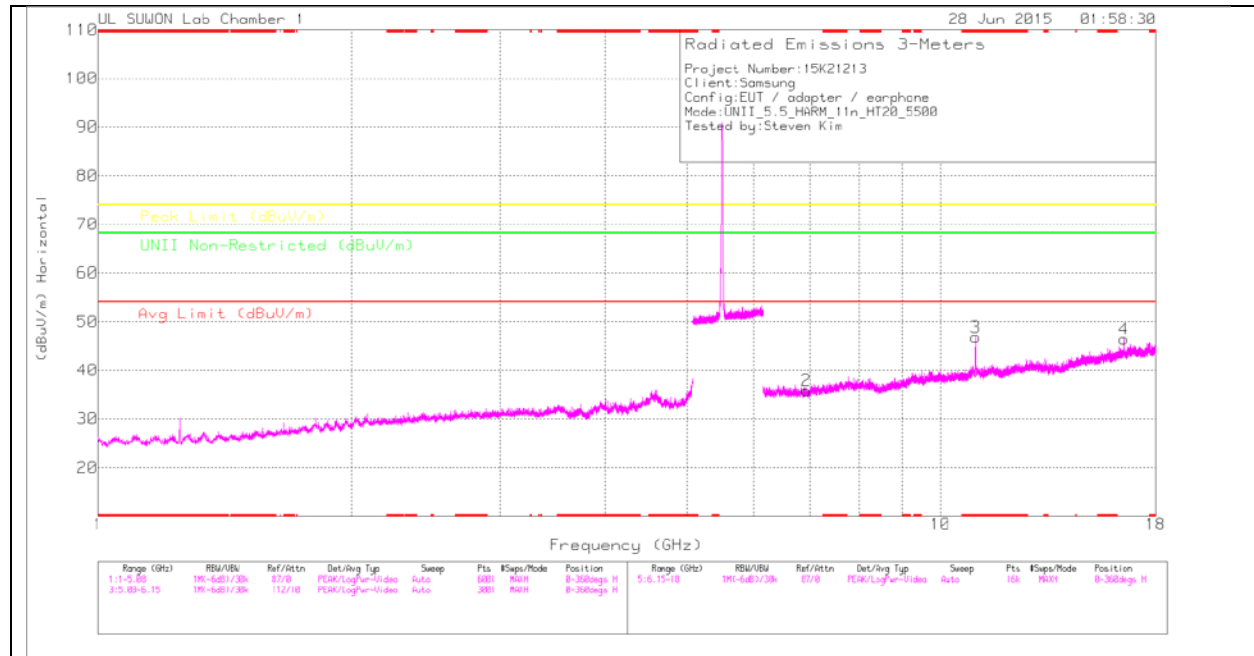
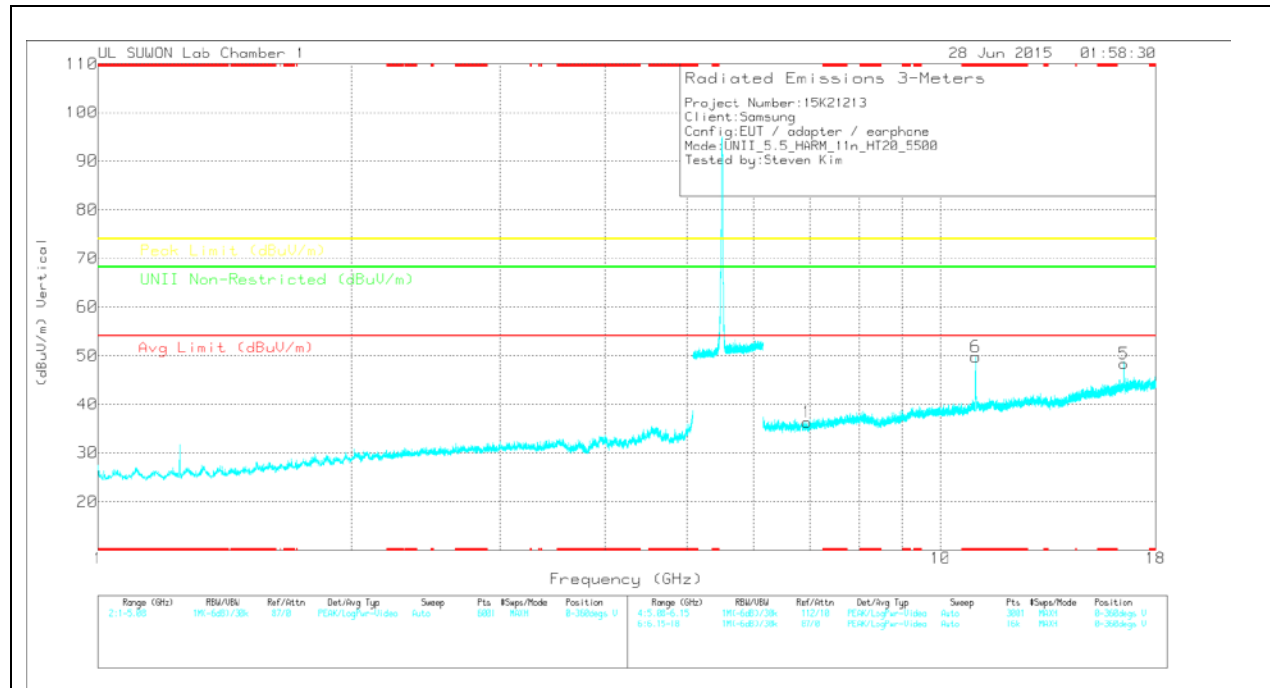


HARMONICS AND SPURIOUS EMISSIONS

LOW CHANNEL HORIZONTAL



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	3117/0016 8717_150 619	Path_5_6G HP	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	UNII Non-Restricted (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
2	6.935	25.74	PK	35.7	-25.6	0	35.84	-	-	-	-	68.2	-32.36	0-360	200	H
3	* 11	29.57	PK	38.2	-21	0	46.77	-	-	74	-27.23	-	-	0-360	200	H
4	16.5	23.04	PK	41.1	-17.7	0	46.44	-	-	-	-	68.2	-21.76	0-360	200	H
1	6.941	26.22	PK	35.7	-25.6	0	36.32	-	-	-	-	68.2	-31.88	0-360	100	V
5	16.5	24.92	PK	41.1	-17.7	0	48.32	-	-	-	-	68.2	-19.88	0-360	200	V
6	* 11.003	32.53	PK	38.2	-21	0	49.73	-	-	74	-24.27	-	-	0-360	100	V

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

PK – Peak detector

Radiated Emissions

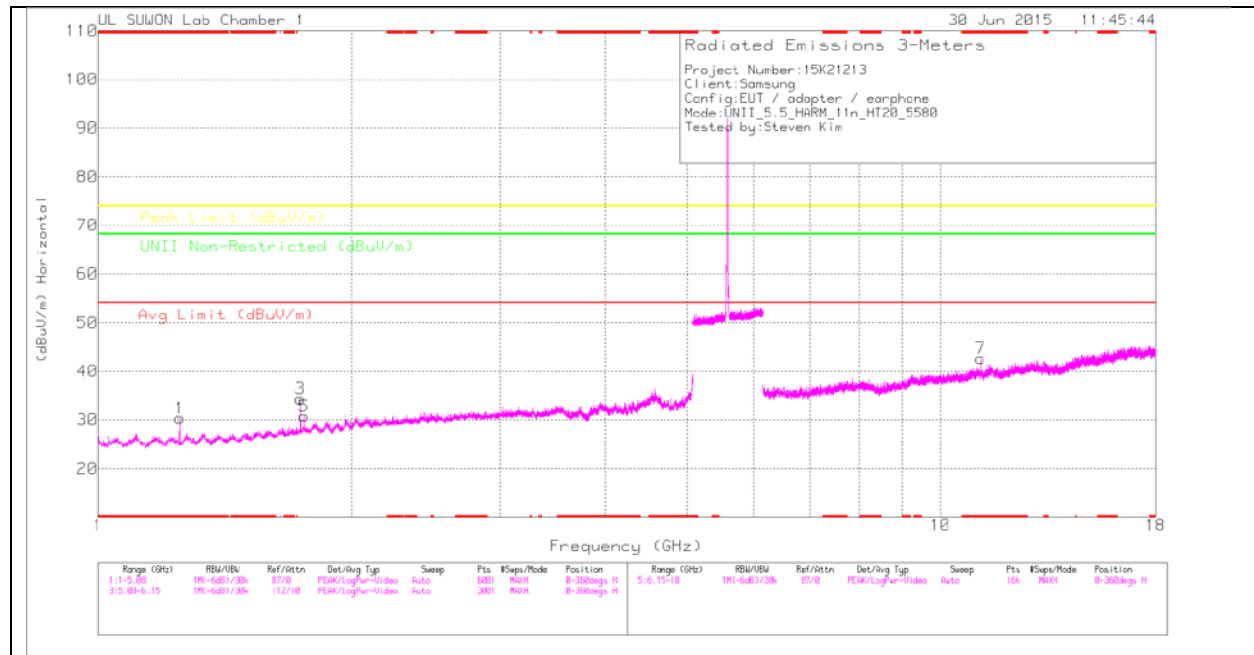
Frequency (GHz)	Meter Reading (dBuV)	Det	3117/001687 17_150619	Path_5_6GHP	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	UNII Non-Restricted (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
* 11.001	42.41	PK1	38.2	-21	0	59.61	-	-	74	-14.39	-	-	78	227	H
* 11.001	29.62	AD1	38.2	-21	.32	47.14	54	-6.86	-	-	-	-	78	227	H
* 10.621	33.1	PK1	37.9	-20.5	0	50.5	-	-	74	-23.5	-	-	285	314	H
* 10.62	21.76	AD1	37.9	-20.5	0	39.16	54	-14.84	-	-	-	-	285	314	H
16.507	40.41	PK1	41.1	-17.6	0	63.91	-	-	-	-	68.2	-4.29	165	216	V
16.499	25.65	AD1	41.1	-17.7	.32	49.37	-	-	-	-	-	-	165	216	V
* 10.996	41.46	PK1	38.2	-21	0	58.66	-	-	74	-15.34	-	-	152	250	V
* 11.001	29.82	AD1	38.2	-21	.32	47.34	54	-6.66	-	-	-	-	152	250	V
16.5	36.52	PK1	41.1	-17.7	.32	60.24	-	-	-	-	-	-	1	200	V
16.499	24.5	AD1	41.1	-17.7	.32	48.22	-	-	-	-	-	-	1	200	V
* 10.62	37.34	PK1	37.9	-20.6	0	54.64	-	-	74	-19.36	-	-	342	100	V
* 10.62	28.78	AD1	37.9	-20.5	0	46.18	54	-7.82	-	-	-	-	342	100	V

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

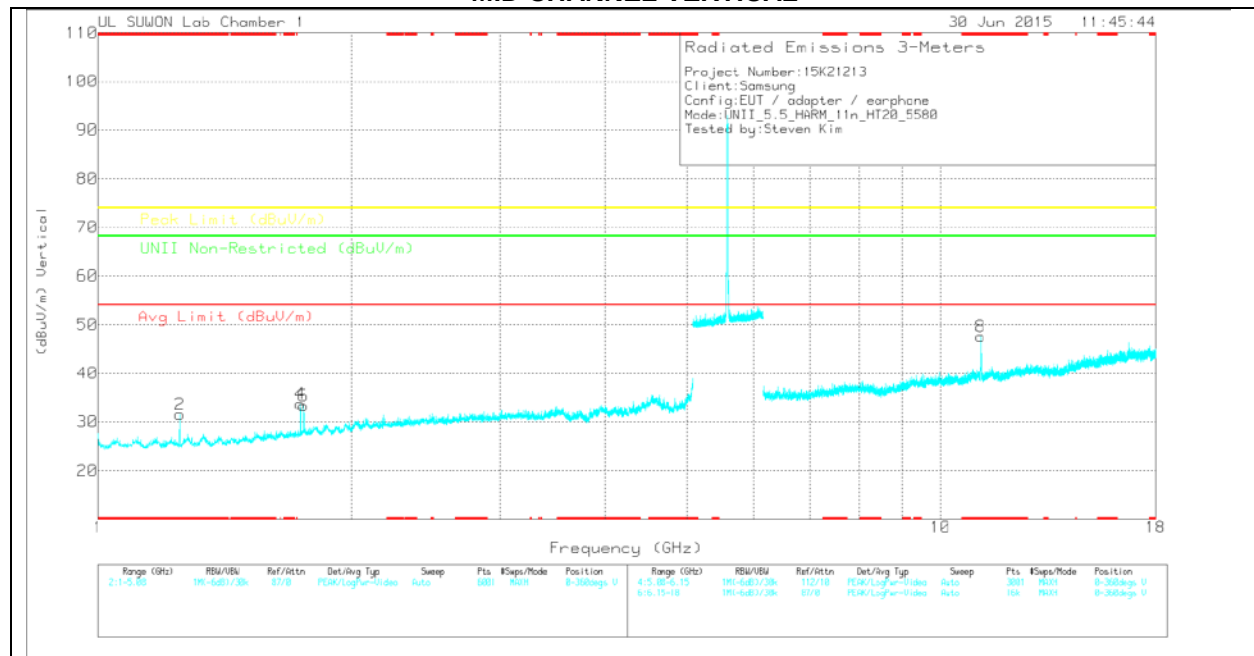
PK1 - KDB789033 Method: Peak

AD1 - KDB789033 Method: AD Primary Power Average

MID CHANNEL HORIZONTAL



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	3117/0016 8717_150 619	Path_4_5G LP	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	UNII Non-Restricted (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 1.25	36.22	PK	28.3	-34.1	0	30.42	-	-	74	-43.58	-	-	0-360	200	H
3	1.736	37.56	PK	29.8	-33	0	34.36	-	-	-	-	68.2	-33.84	0-360	100	H
5	1.753	33.62	PK	29.9	-32.8	0	30.72	-	-	-	-	68.2	-37.48	0-360	200	H
2	* 1.25	37.38	PK	28.3	-34.1	0	31.58	-	-	74	-42.42	-	-	0-360	200	V
4	1.736	36.88	PK	29.8	-33	0	33.68	-	-	-	-	68.2	-34.52	0-360	100	V
6	1.752	36.21	PK	29.9	-32.8	0	33.31	-	-	-	-	68.2	-34.89	0-360	200	V
7	* 11.158	25.37	PK	38.3	-21	0	42.67	-	-	74	-31.33	-	-	0-360	200	H
8	* 11.161	30.22	PK	38.3	-21	0	47.52	-	-	74	-26.48	-	-	0-360	100	V

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

PK – Peak detector

Radiated Emissions

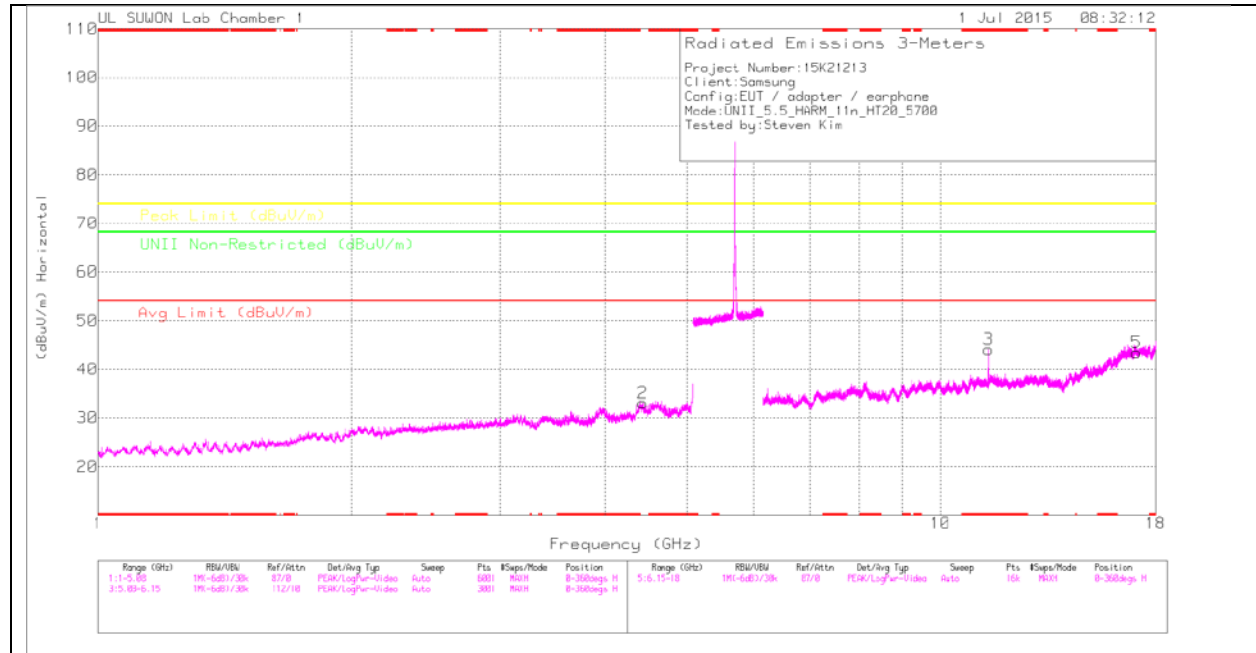
Frequency (GHz)	Meter Reading (dBuV)	Det	3117/001687 17_150619	Path_4_5G LP	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	UNII Non-Restricted (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
* 1.25	44.34	PK1	28.3	-34.1	0	38.54	-	-	74	-35.46	-	-	189	351	H
* 1.25	34.56	AD1	28.3	-34.1	0	28.76	54	-25.24	-	-	-	-	189	351	H
1.737	42.23	PK1	29.8	-33	0	39.03	-	-	-	-	68.2	-29.17	342	219	H
1.737	29.34	AD1	29.8	-33	0	26.14	-	-	-	-	-	-	342	219	H
1.752	41.95	PK1	29.9	-32.8	0	39.05	-	-	-	-	68.2	-29.15	330	314	H
1.754	29.24	AD1	29.9	-32.8	0	26.34	-	-	-	-	-	-	330	314	H
* 1.25	44.71	PK1	28.3	-34.1	0	38.91	-	-	74	-35.09	-	-	225	191	V
* 1.25	35.34	AD1	28.3	-34.1	0	29.54	54	-24.46	-	-	-	-	225	191	V
1.738	42.11	PK1	29.8	-33	0	38.91	-	-	-	-	68.2	-29.29	267	269	V
1.737	29.11	AD1	29.8	-33	0	25.91	-	-	-	-	-	-	267	269	V
1.754	41.69	PK1	29.9	-32.8	0	38.79	-	-	-	-	68.2	-29.41	11	211	V
1.75	29.54	AD1	29.9	-32.8	0	26.64	-	-	-	-	-	-	11	211	V

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

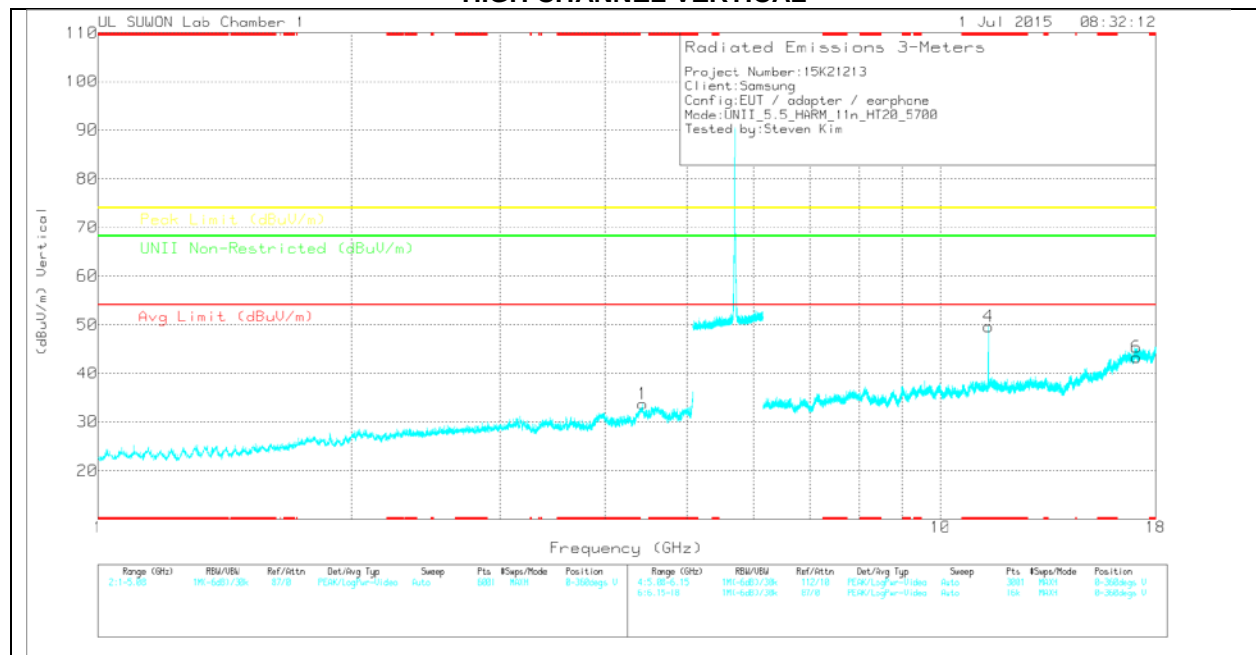
PK1 - KDB789033 Method: Peak

AD1 - KDB789033 Method: AD Primary Power Average

HIGH CHANNEL HORIZONTAL



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	3117(0016 8717)_150 619	Path_4_5G LP	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	UNII Non-Restricted (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
2	4.429	28.11	PK	33.8	-28.8	0	33.11	-	-	-	-	68.2	-35.09	0-360	200	H
1	4.429	28.73	PK	33.8	-28.8	0	33.73	-	-	-	-	68.2	-34.47	0-360	99	V
3	* 11.401	26.49	PK	38.5	-20.9	0	44.09	-	-	74	-29.91	-	-	0-360	200	H
5	17.099	18.71	PK	41.3	-16.6	0	43.41	-	-	-	-	68.2	-24.79	0-360	100	H
4	* 11.401	32.08	PK	38.5	-20.9	0	49.68	-	-	74	-24.32	-	-	0-360	200	V
6	17.099	18.6	PK	41.3	-16.6	0	43.3	-	-	-	-	68.2	-24.9	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	3117(001687 17)_150619	Path_5_6GH P	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	UNII Non-Restricted (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
* 11.401	34.33	PK-U	38.5	-20.9	0	51.93	-	-	74	-22.07	-	-	114	348	H
* 11.401	23.71	ADR	38.5	-20.9	.32	41.63	54	-12.37	-	-	-	-	114	348	H
* 11.401	37.81	PK-U	38.5	-20.9	0	55.41	-	-	74	-18.59	-	-	113	240	V
* 11.401	31.33	ADR	38.5	-20.9	.32	49.25	54	-4.75	-	-	-	-	113	240	V

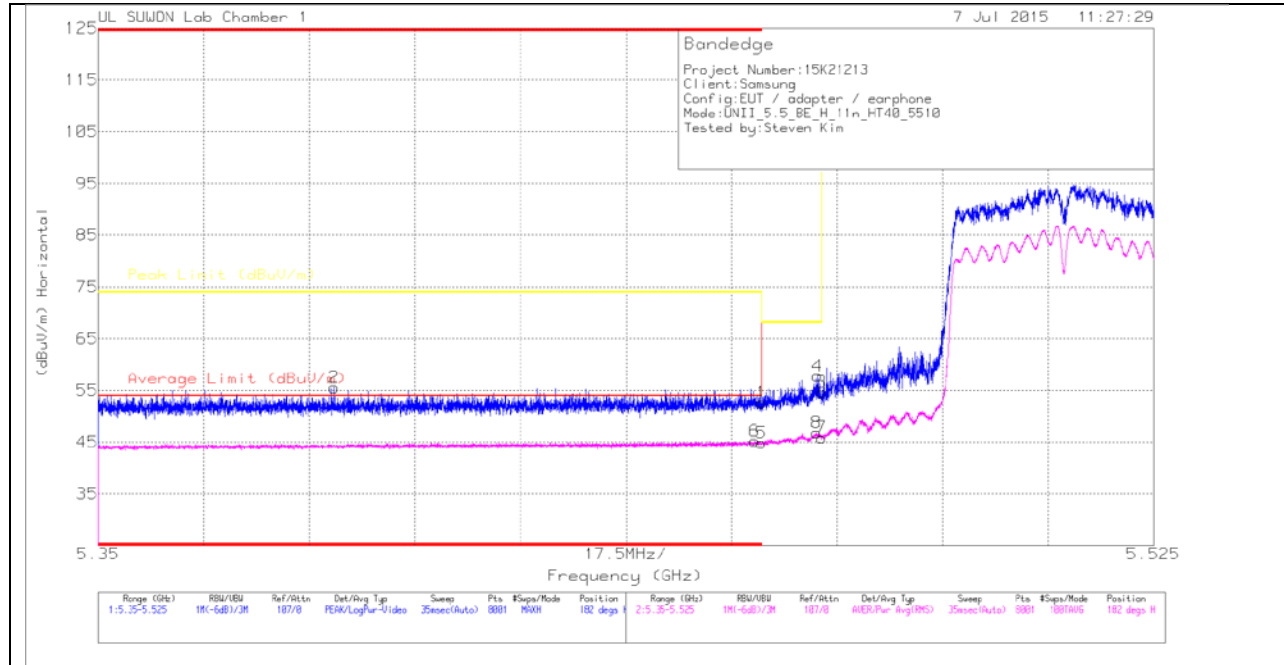
* - indicates frequency in CFR15.205/IC7.2.2 Restricted Band

PK-U - U-NII: Maximum Peak

ADR - U-NII AD primary method, RMS average

11.3.3. TX ABOVE 1GHz 802.11n HT40 2TX CDD MODE IN THE 5.5GHz BAND RESTRICTED BANDEDGE (LOW CHANNEL)

HORIZONTAL PEAK AND AVERAGE PLOT



HORIZONTAL DATA

TRACE MARKERS

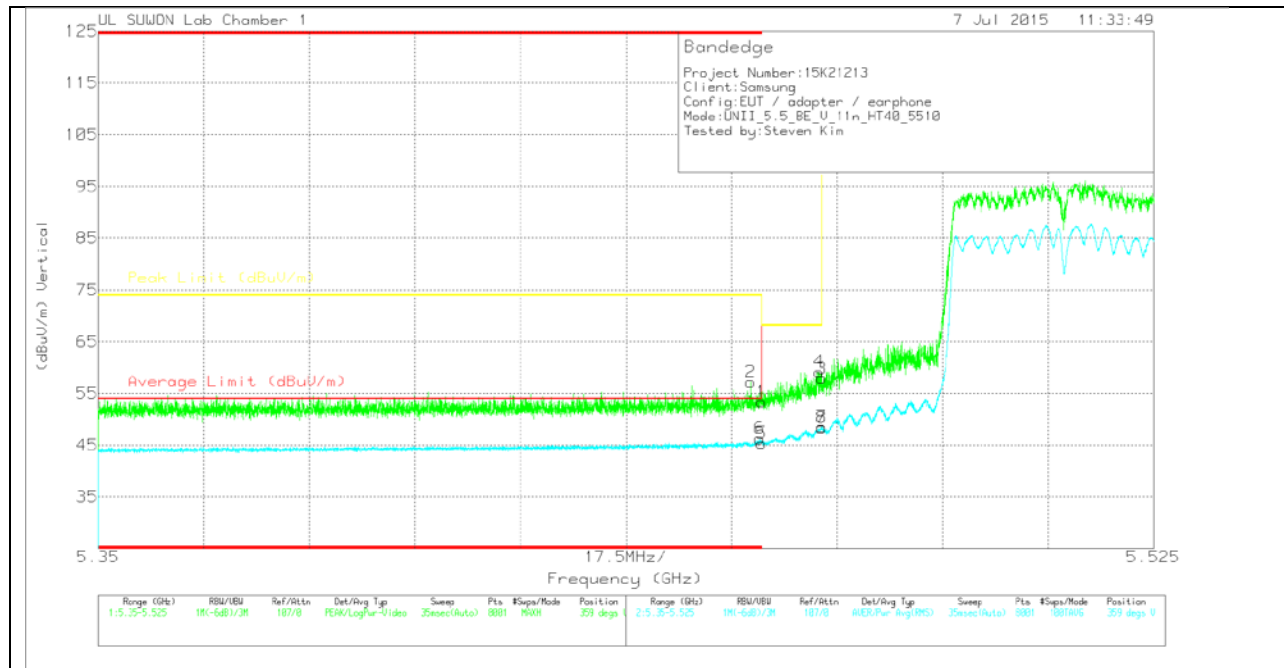
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	3117(001687 17)_150619	Path_2_10d B	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 5.46	37.24	Pk	34.6	-19.2	0	52.64	-	-	74	-21.36	182	159	H
2	* 5.389	40.46	Pk	34.5	-19.4	0	55.56	-	-	74	-18.44	182	159	H
3	5.47	39.24	Pk	34.6	-19.2	0	54.64	-	-	68.2	-13.56	182	159	H
4	5.469	42.37	Pk	34.6	-19.2	0	57.77	-	-	68.2	-10.43	182	159	H
5	* 5.46	28.87	RMS	34.6	-19.2	.62	44.89	54	-9.11	-	-	182	159	H
6	* 5.459	29.22	RMS	34.6	-19.2	.62	45.24	54	-8.76	-	-	182	159	H
7	5.47	29.9	RMS	34.6	-19.2	.62	45.92	-	-	-	-	182	159	H
8	5.469	30.82	RMS	34.6	-19.2	.62	46.84	-	-	-	-	182	159	H

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

Pk - Peak detector

RMS - RMS detection

VERTICAL PEAK AND AVERAGE PLOT



VERTICAL DATA

TRACE MARKERS

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	3117(001687 17)_150619	Path_2_10d B	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	37.98	Pk	34.6	-19.2	0	53.38	-	-	74	-20.62	359	292	V
2	* 5.458	41.8	Pk	34.6	-19.2	0	57.2	-	-	74	-16.8	359	292	V
3	5.47	42.48	Pk	34.6	-19.2	0	57.88	-	-	68.2	-10.32	359	292	V
4	5.47	43.77	Pk	34.6	-19.2	0	59.17	-	-	68.2	-9.03	359	292	V
5	* 5.46	29.38	RMS	34.6	-19.2	.62	45.4	54	-8.6	-	-	359	292	V
6	* 5.46	30.28	RMS	34.6	-19.2	.62	46.3	54	-7.7	-	-	359	292	V
7	5.47	32.53	RMS	34.6	-19.2	.62	48.55	-	-	-	-	359	292	V
8	5.47	32.35	RMS	34.6	-19.2	.62	48.37	-	-	-	-	359	292	V

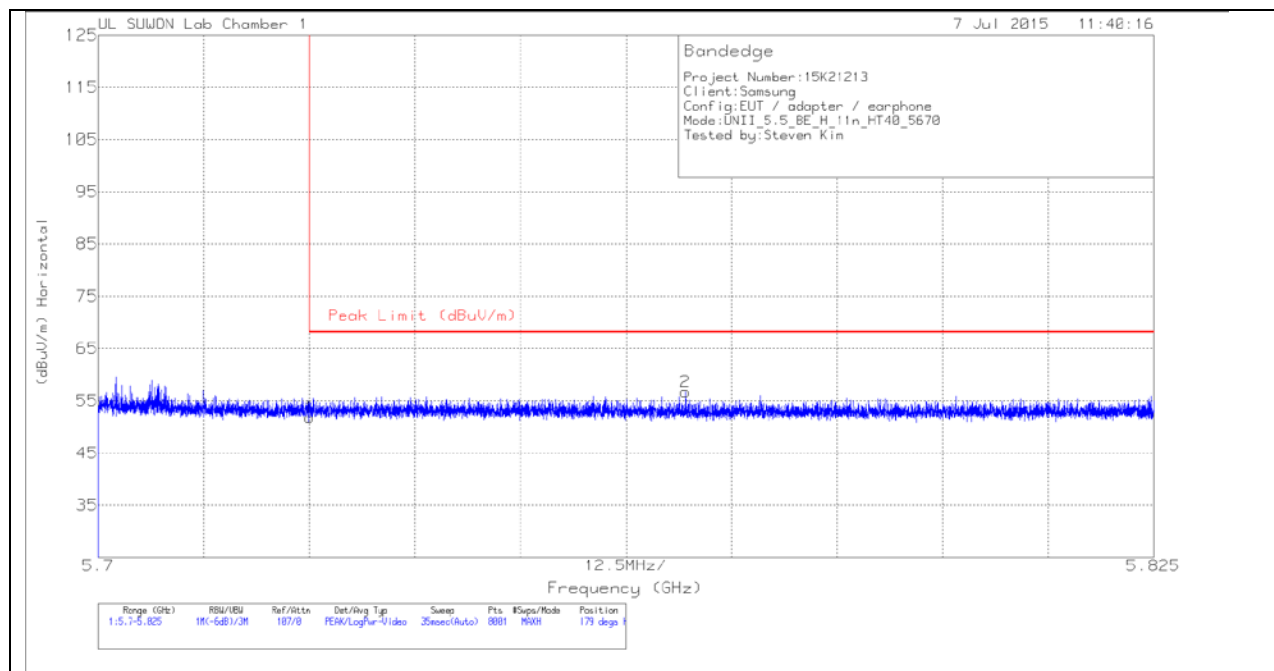
* - indicates frequency in CFR15.205/IC7.2.2 Restricted Band

Pk - Peak detector

RMS - RMS detection

AUTHORIZED BANDEDGE (HIGH CHANNEL)

HORIZONTAL PEAK AND AVERAGE PLOT



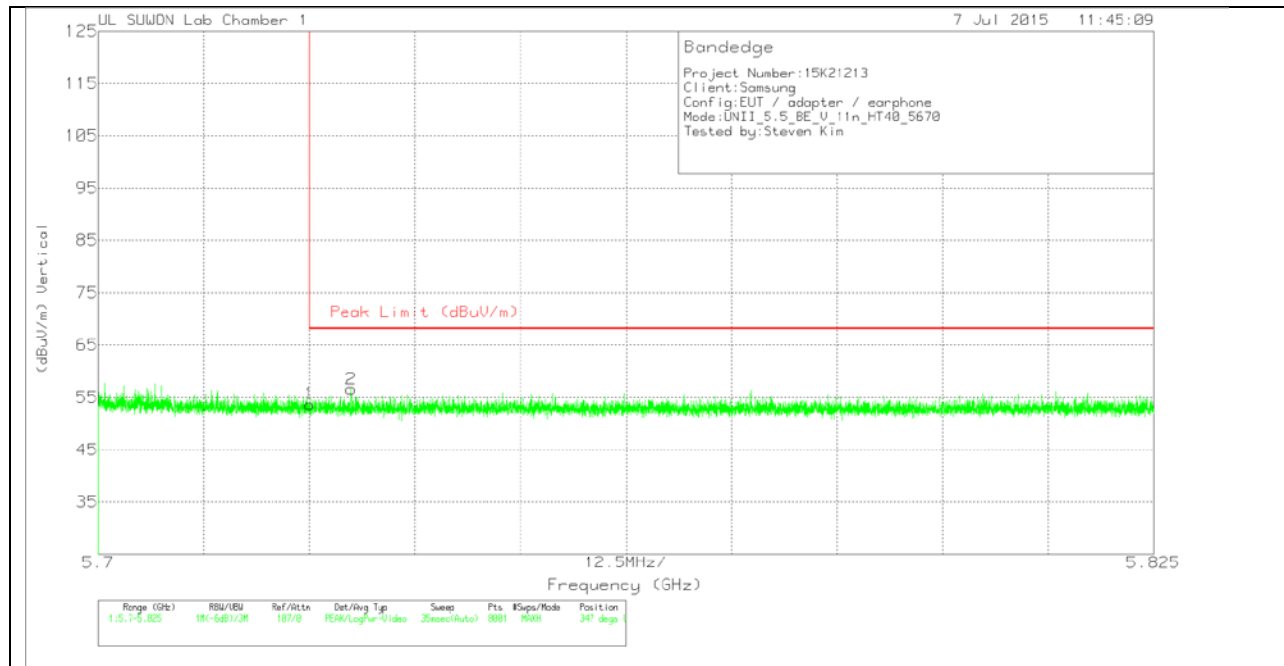
HORIZONTAL DATA

TRACE MARKERS

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	3117(0016 8717)_150 619	Path_2_10 dB	DC Corr (dB)	Corrected Reading (dBuV/m)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.725	35.82	Pk	34.8	-18.8	0	51.82	68.2	-16.38	179	257	H
2	5.77	40.7	Pk	34.8	-18.8	0	56.7	68.2	-11.5	179	257	H

Pk - Peak detector

VERTICAL PEAK AND AVERAGE PLOT



VERTICAL DATA

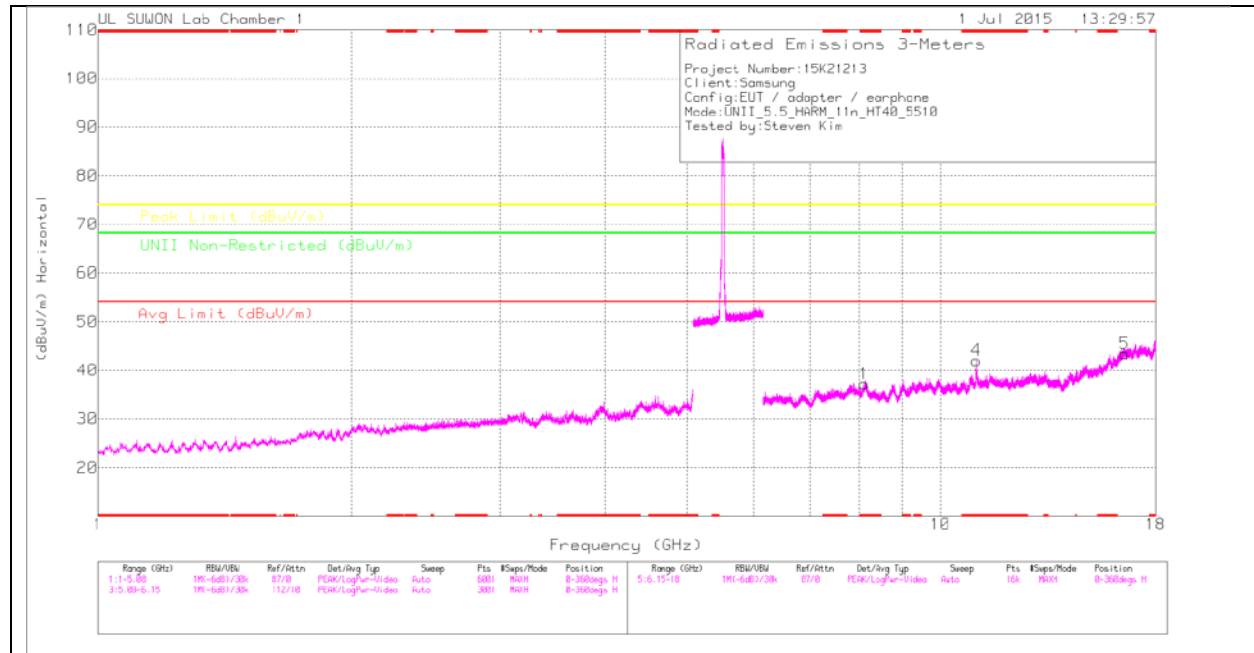
TRACE MARKERS

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	3117(0016 8717)_150 619	Path_2_10 dB	DC Corr (dB)	Corrected Reading (dBuV/m)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.725	37.72	Pk	34.8	-18.8	0	53.72	68.2	-14.48	347	306	V
2	5.73	40.58	Pk	34.8	-18.8	0	56.58	68.2	-11.62	347	306	V

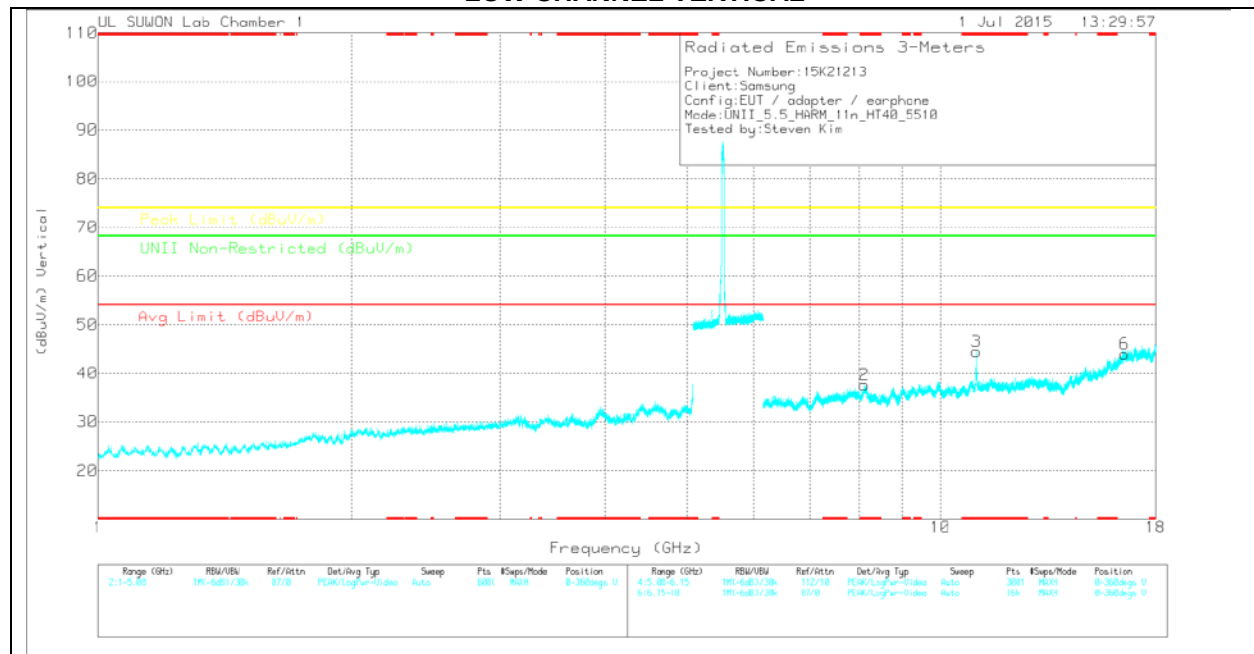
Pk - Peak detector

HARMONICS AND SPURIOUS EMISSIONS

LOW CHANNEL HORIZONTAL



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	3117(0016 8717)_150 619	Path_5_6G HP	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	UNII Non-Restricted (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 8.117	24.18	PK	36.4	-23.3	0	37.28	-	-	74	-36.72	-	-	0-360	200	H
4	* 11.02	24.77	PK	38.2	-20.9	0	42.07	-	-	74	-31.93	-	-	0-360	200	H
5	16.531	19.51	PK	41.2	-17.3	0	43.41	-	-	-	-	68.2	-24.79	0-360	200	H
2	* 8.117	24.5	PK	36.4	-23.3	0	37.6	-	-	74	-36.4	-	-	0-360	100	V
3	* 11.02	27.16	PK	38.2	-20.9	0	44.46	-	-	74	-29.54	-	-	0-360	200	V
6	16.531	19.99	PK	41.2	-17.3	0	43.89	-	-	-	-	68.2	-24.31	0-360	200	V

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

PK – Peak detector

Radiated Emissions

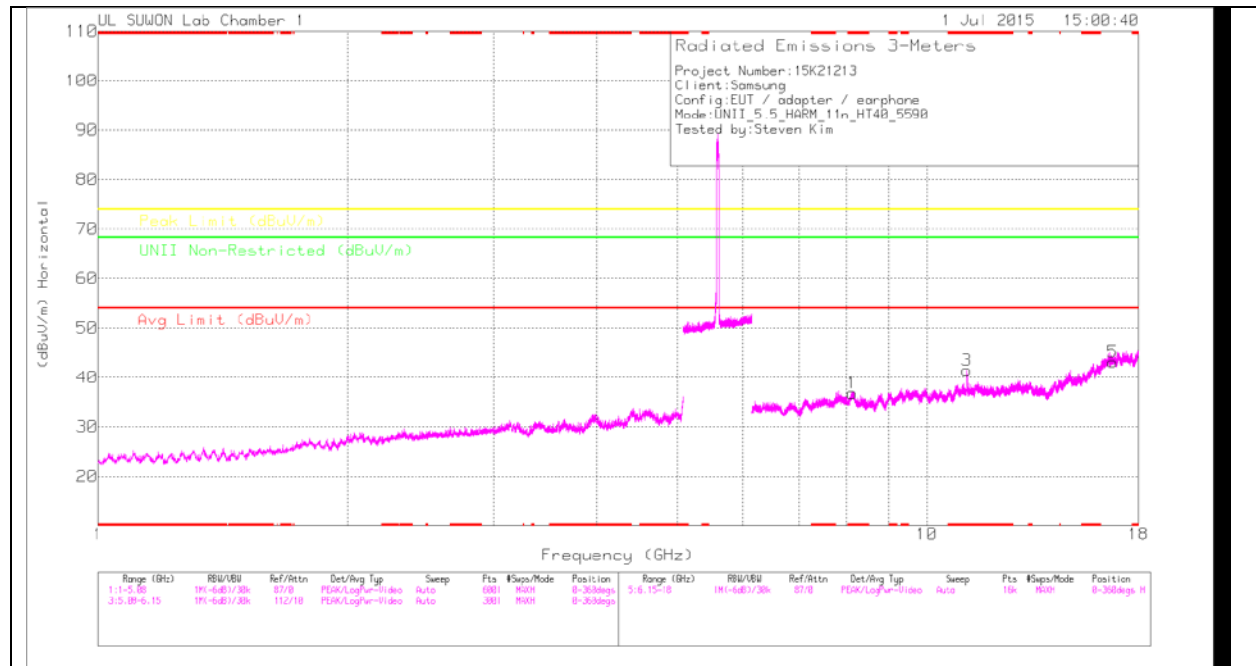
Frequency (GHz)	Meter Reading (dBuV)	Det	3117(001687 17)_150619	Path_5_6GH P	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	UNII Non-Restricted (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
* 11.017	37.47	PK-U	38.2	-20.9	0	54.77	-	-	74	-19.23	-	-	216	170	H
* 11.021	23.99	ADR	38.2	-20.9	.62	41.91	54	-12.09	-	-	-	-	216	170	H
* 11.021	40.74	PK-U	38.2	-20.9	0	58.04	-	-	74	-15.96	-	-	161	246	V
* 11.02	30.05	ADR	38.2	-20.9	.62	47.97	54	-6.03	-	-	-	-	161	246	V

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

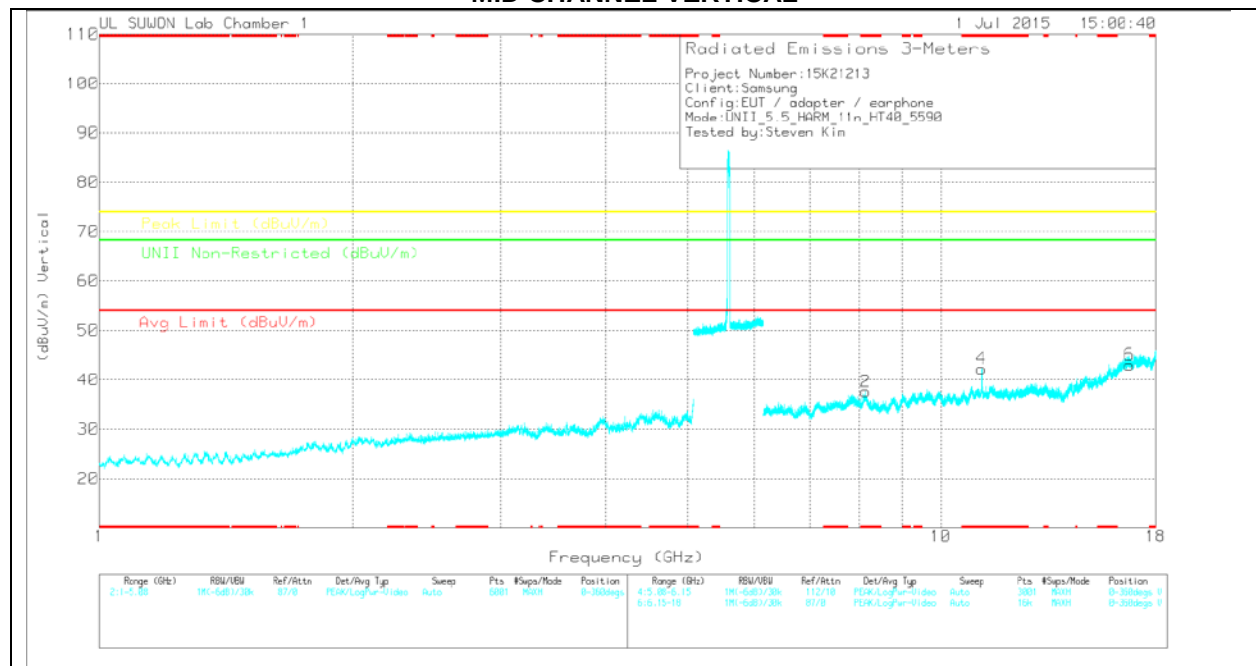
PK-U - U-NII: Maximum Peak

ADR - U-NII AD primary method, RMS average

MID CHANNEL HORIZONTAL



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	3117/0016 8717_150 619	Path_5_6G HP	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	UNII Non-Restricted (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 8.133	23.72	PK	36.4	-23.3	0	36.82	-	-	74	-37.18	-	-	0-360	100	H
3	* 11.18	24.06	PK	38.3	-20.9	0	41.46	-	-	74	-32.54	-	-	0-360	200	H
5	16.771	18.71	PK	41.3	-16.9	0	43.11	-	-	-	-	68.2	-25.09	0-360	200	H
2	* 8.134	24.54	PK	36.4	-23.3	0	37.64	-	-	74	-36.36	-	-	0-360	100	V
4	* 11.18	24.86	PK	38.3	-20.9	0	42.26	-	-	74	-31.74	-	-	0-360	200	V
6	16.771	18.62	PK	41.3	-16.9	0	43.02	-	-	-	-	68.2	-25.18	0-360	100	V

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

PK – Peak detector

Radiated Emissions

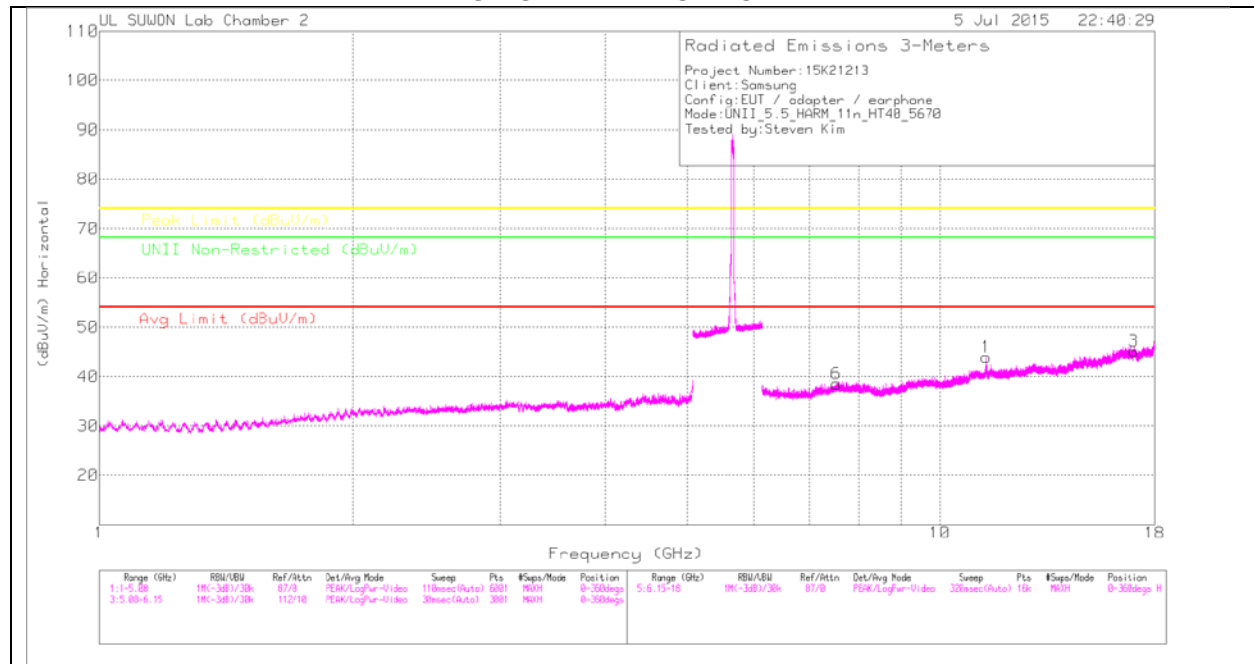
Frequency (GHz)	Meter Reading (dBuV)	Det	3117/001687 17_150619	Path_5_6GHP	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	UNII Non-Restricted (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
* 11.18	34.72	PK-U	38.3	-20.9	0	52.12	-	-	74	-21.88	-	-	257	210	H
* 11.18	23.47	ADR	38.3	-20.9	.62	41.49	54	-12.51	-	-	-	-	257	210	H
* 11.18	34.78	PK-U	38.3	-20.9	0	52.18	-	-	74	-21.82	-	-	353	357	V
* 11.18	26.43	ADR	38.3	-20.9	.62	44.45	54	-9.55	-	-	-	-	353	357	V

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

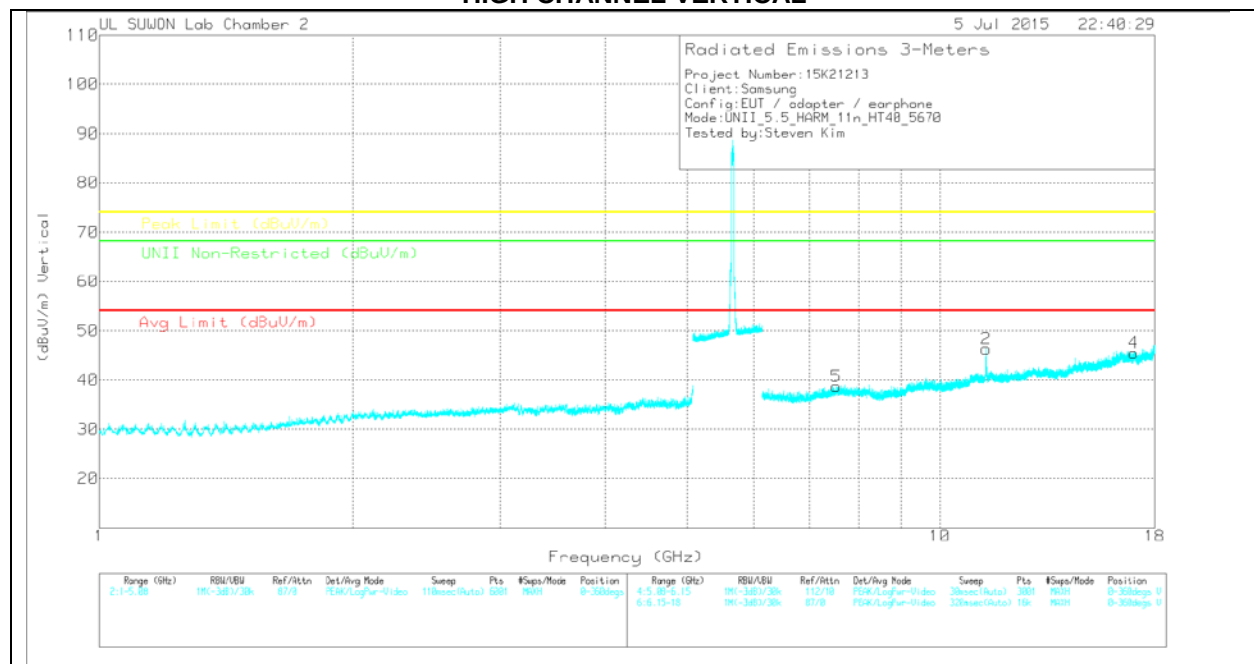
PK-U - U-NII: Maximum Peak

ADR - U-NII AD primary method, RMS average

HIGH CHANNEL HORIZONTAL



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	3117(0016 8724)_150 619	Path_5	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	UNII Non-Restricted (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 11.34	22.83	PK	38.2	-17.1	0	43.93	-	-	74	-30.07	-	-	0-360	200	H
3	17.013	19.22	PK	41.1	-15.2	0	45.12	-	-	-	-	68.2	-23.08	0-360	200	H
6	* 7.537	24.22	PK	36.1	-21.8	0	38.52	-	-	74	-35.48	-	-	0-360	200	H
2	* 11.34	25.2	PK	38.2	-17.1	0	46.3	-	-	74	-27.7	-	-	0-360	200	V
4	17.013	19.58	PK	41.1	-15.2	0	45.48	-	-	-	-	68.2	-22.72	0-360	200	V
5	* 7.535	24.4	PK	36.1	-21.8	0	38.7	-	-	74	-35.3	-	-	0-360	99	V

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

PK – Peak detector

Radiated Emissions

Frequency (GHz)	Meter Reading (dBuV)	Det	3117(001687 24)_150619	Path_5	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	UNII Non-Restricted (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
* 11.34	31.45	PK-U	38.2	-17.1	0	52.55	-	-	74	-21.45	-	-	263	269	H
* 11.34	20.63	ADR	38.2	-17.1	.62	42.35	54	-11.65	-	-	-	-	263	269	H
* 11.341	34.91	PK-U	38.2	-17.1	0	56.01	-	-	74	-17.99	-	-	179	200	V
* 11.34	24.84	ADR	38.2	-17.1	.62	46.56	54	-7.44	-	-	-	-	179	200	V

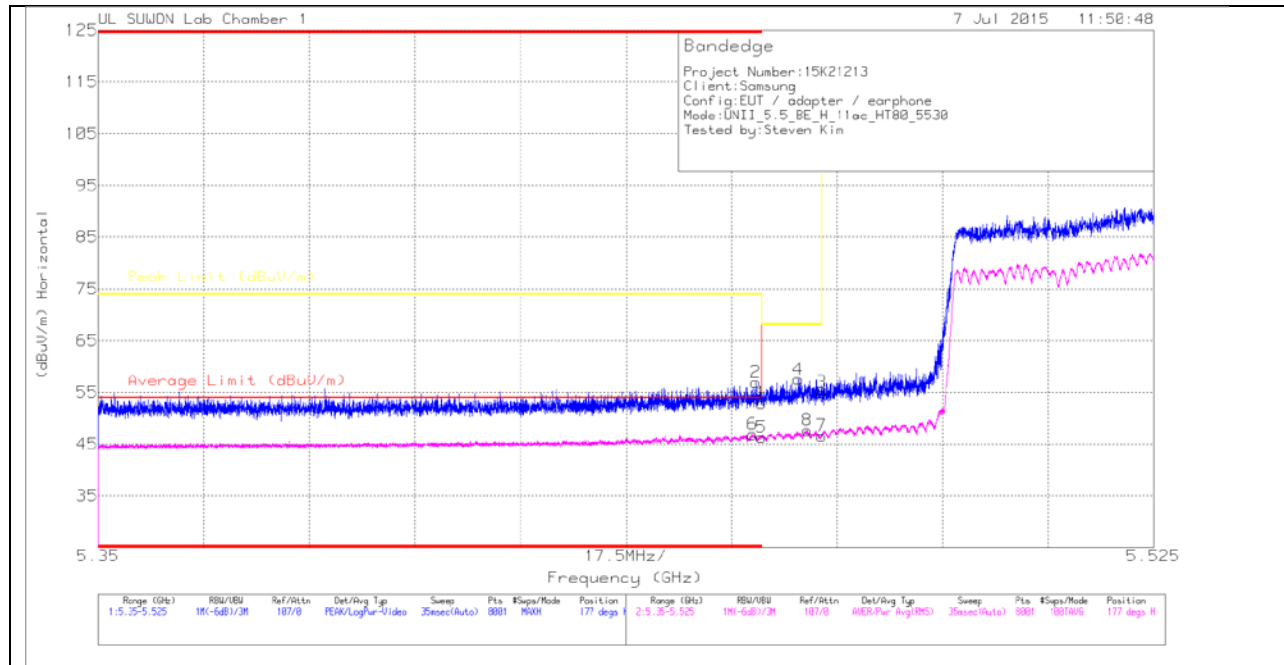
* - indicates frequency in CFR15.205/IC7.2.2 Restricted Band

PK-U - U-NII: Maximum Peak

ADR - U-NII AD primary method, RMS average

11.3.4. TX ABOVE 1GHz 802.11ac HT80 2TX CDD MODE IN THE 5.5GHz BAND RESTRICTED BANDEDGE (LOW CHANNEL)

HORIZONTAL PEAK AND AVERAGE PLOT



HORIZONTAL DATA

TRACE MARKERS

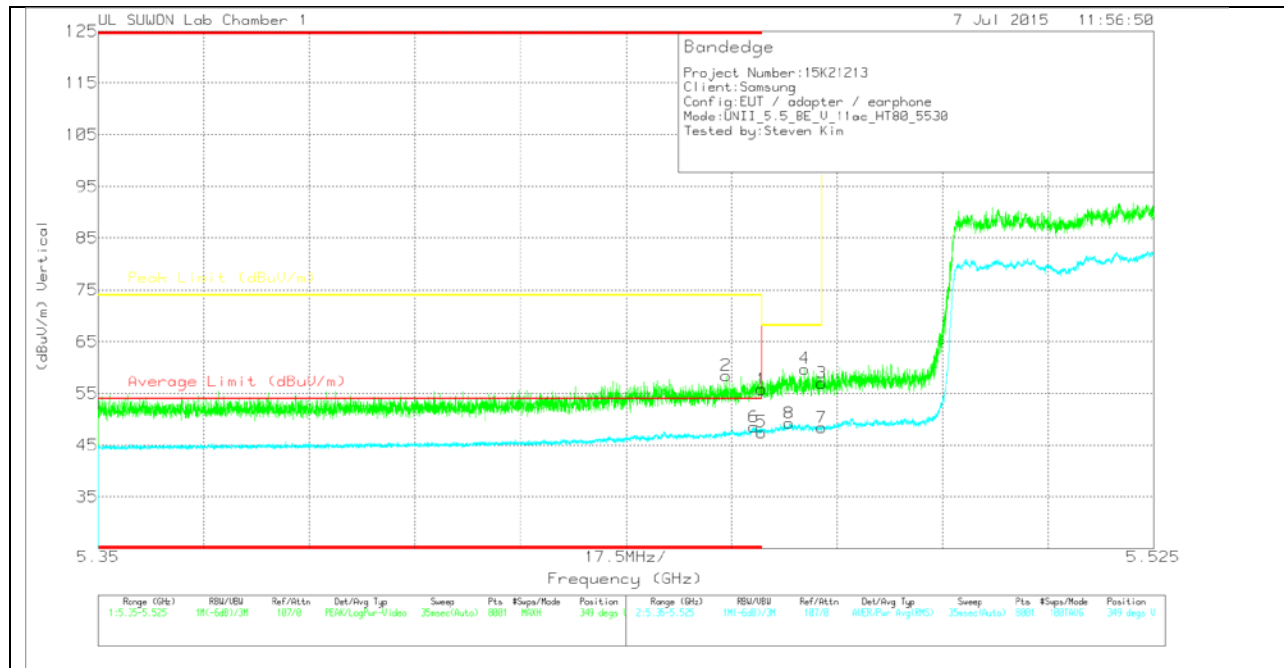
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	3117/001687 171_150619	Path_2_10d B	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 5.46	37.59	Pk	34.6	-19.2	0	52.99	-	-	74	-21.01	177	269	H
2	* 5.459	41.58	Pk	34.6	-19.2	0	56.98	-	-	74	-17.02	177	269	H
3	5.47	39.61	Pk	34.6	-19.2	0	55.01	-	-	68.2	-13.19	177	269	H
4	5.466	42.13	Pk	34.6	-19.2	0	57.53	-	-	68.2	-10.67	177	269	H
5	* 5.46	29.79	RMS	34.6	-19.2	1.16	46.35	54	-7.65	-	-	177	269	H
6	* 5.459	30.34	RMS	34.6	-19.2	1.16	46.9	54	-7.1	-	-	177	269	H
7	5.47	30.06	RMS	34.6	-19.2	1.16	46.62	-	-	-	-	177	269	H
8	5.468	31.12	RMS	34.6	-19.2	1.16	47.68	-	-	-	-	177	269	H

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

Pk - Peak detector

RMS - RMS detection

VERTICAL PEAK AND AVERAGE PLOT



VERTICAL DATA

TRACE MARKERS

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	3117(001687 17)_150619	Path_2_10d B	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	40.4	Pk	34.6	-19.2	0	55.8	-	-	74	-18.2	349	322	V
2	* 5.454	43.06	Pk	34.6	-19.2	0	58.46	-	-	74	-15.54	349	322	V
3	5.47	41.6	Pk	34.6	-19.2	0	57	-	-	68.2	-11.2	349	322	V
4	5.467	44.39	Pk	34.6	-19.2	0	59.79	-	-	68.2	-8.41	349	322	V
5	* 5.46	30.94	RMS	34.6	-19.2	1.16	47.5	54	-6.5	-	-	349	322	V
6	* 5.459	31.98	RMS	34.6	-19.2	1.16	48.54	54	-5.46	-	-	349	322	V
7	5.47	31.85	RMS	34.6	-19.2	1.16	48.41	-	-	-	-	349	322	V
8	5.465	32.69	RMS	34.6	-19.2	1.16	49.25	-	-	-	-	349	322	V

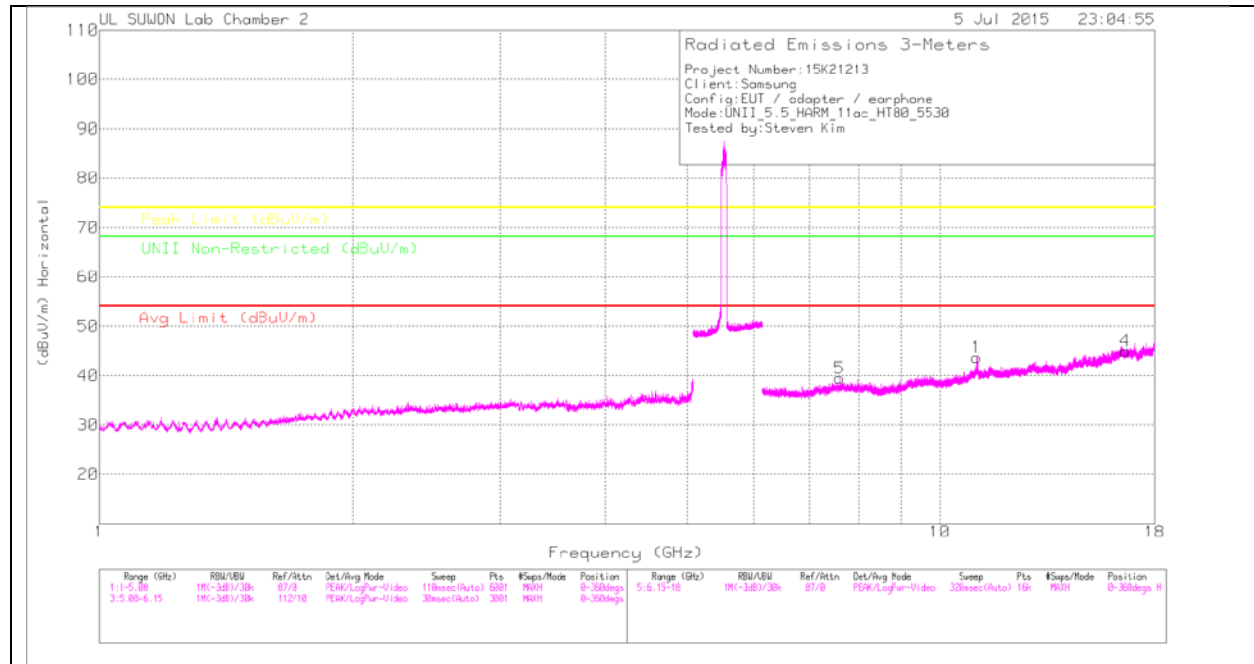
* - indicates frequency in CFR15.205/IC7.2.2 Restricted Band

Pk - Peak detector

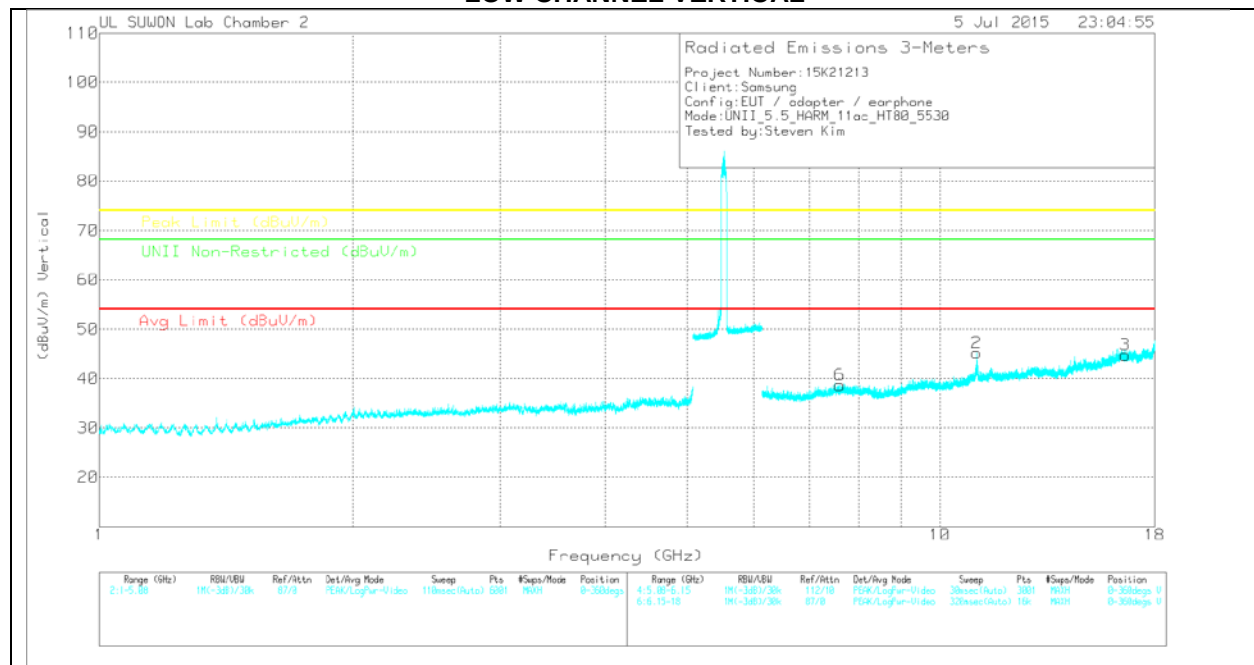
RMS - RMS detection

HARMONICS AND SPURIOUS EMISSIONS

LOW CHANNEL HORIZONTAL



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	3117(0016 8724)_150 619	Path_5	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	UNII Non-Restricted (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 11.06	23.24	PK	38.1	-17.7	0	43.64	-	-	74	-30.36	-	-	0-360	200	H
4	16.589	19.86	PK	41	-15.9	0	44.96	-	-	-	-	68.2	-23.24	0-360	200	H
5	* 7.602	25.07	PK	36.1	-21.7	0	39.47	-	-	74	-34.53	-	-	0-360	100	H
2	* 11.06	24.78	PK	38.1	-17.7	0	45.18	-	-	74	-28.82	-	-	0-360	200	V
3	16.591	19.67	PK	41	-15.9	0	44.77	-	-	-	-	68.2	-23.43	0-360	200	V
6	* 7.603	24.26	PK	36.1	-21.7	0	38.66	-	-	74	-35.34	-	-	0-360	200	V

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

PK – Peak detector

Radiated Emissions

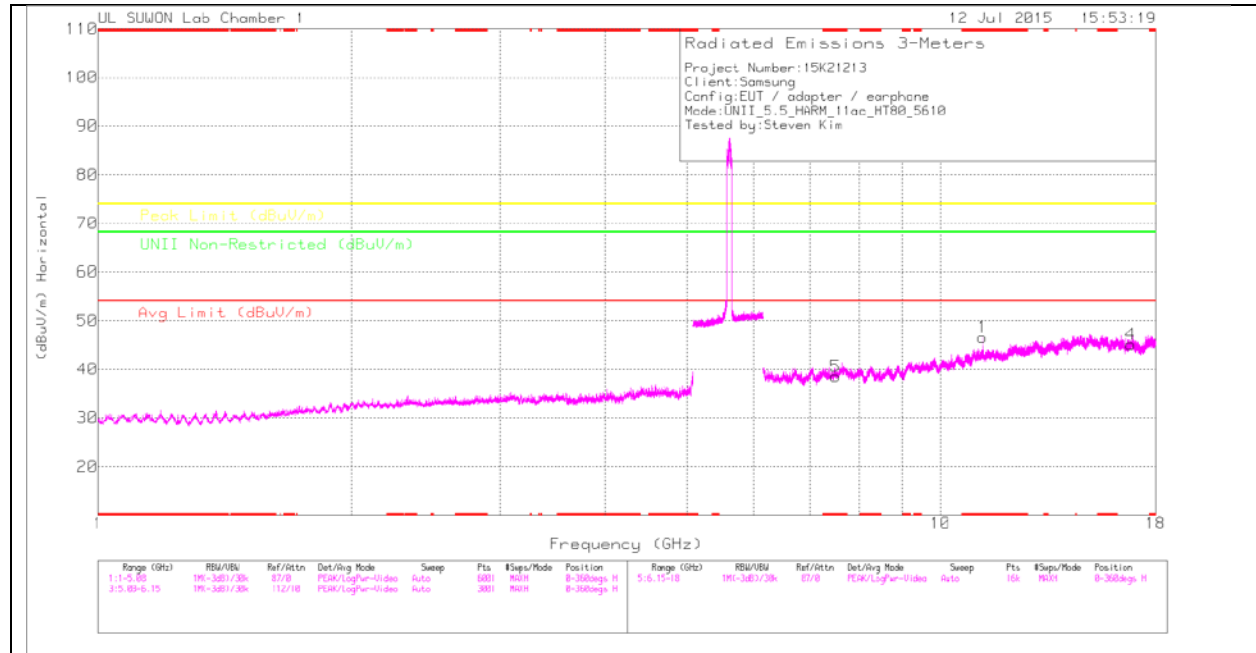
Frequency (GHz)	Meter Reading (dBuV)	Det	3117(0016872 4)_150619	Path_5	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	UNII Non-Restricted (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
* 11.061	33.13	PK-U	38.1	-17.7	0	53.53	-	-	74	-20.47	-	-	184	253	H
* 11.06	22.94	ADR	38.1	-17.7	1.16	44.5	54	-9.5	-	-	-	-	184	253	H
* 11.06	35.98	PK-U	38.1	-17.7	0	56.38	-	-	74	-17.62	-	-	158	285	V
* 11.06	26.05	ADR	38.1	-17.7	1.16	47.61	54	-6.39	-	-	-	-	158	285	V

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

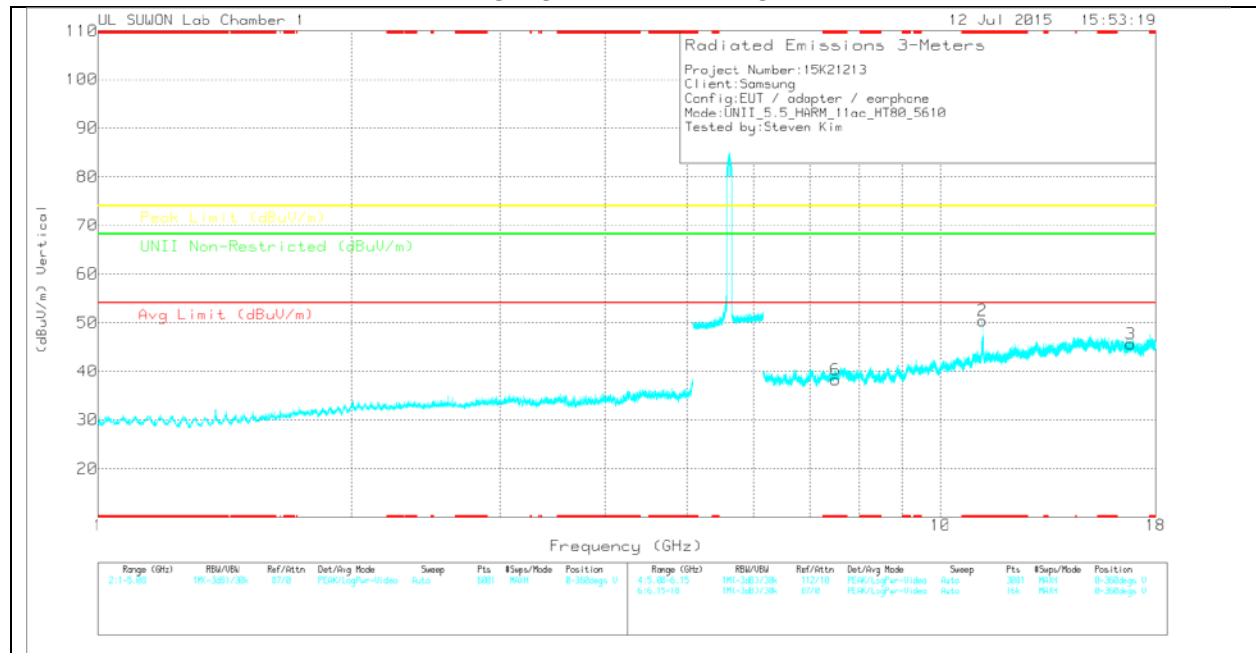
PK-U - U-NII: Maximum Peak

ADR - U-NII AD primary method, RMS average

HIGH CHANNEL HORIZONTAL



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	3117/0016 8724, 150 619	Path_5	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	UNII Non-Restricted (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 11.22	26	PK	38.2	-17.6	0	46.6	-	-	74	-27.4	-	-	0-360	199	H
4	16.835	19.45	PK	41.1	-15.4	0	45.15	-	-	-	-	68.2	-23.05	0-360	199	H
5	* 7.5	24.54	PK	36.1	-22.1	0	38.54	-	-	74	-35.46	-	-	0-360	199	H
2	* 11.22	29.81	PK	38.2	-17.6	0	50.41	-	-	74	-23.59	-	-	0-360	100	V
3	16.835	19.88	PK	41.1	-15.4	0	45.58	-	-	-	-	68.2	-22.62	0-360	100	V
6	* 7.5	24.26	PK	36.1	-22.1	0	38.26	-	-	74	-35.74	-	-	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	3117/001687 24, 150619	Path_5	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	UNII Non-Restricted (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
* 11.22	35.62	PK-U	38.2	-17.6	0	56.22	-	-	74	-17.78	-	-	131	333	H
* 11.22	25.55	ADR	38.2	-17.6	1.16	47.31	54	-6.69	-	-	-	-	131	333	H
* 11.22	39.76	PK-U	38.2	-17.6	0	60.36	-	-	74	-13.64	-	-	143	110	V
* 11.22	29.46	ADR	38.2	-17.6	1.16	51.22	54	-2.78	-	-	-	-	143	110	V

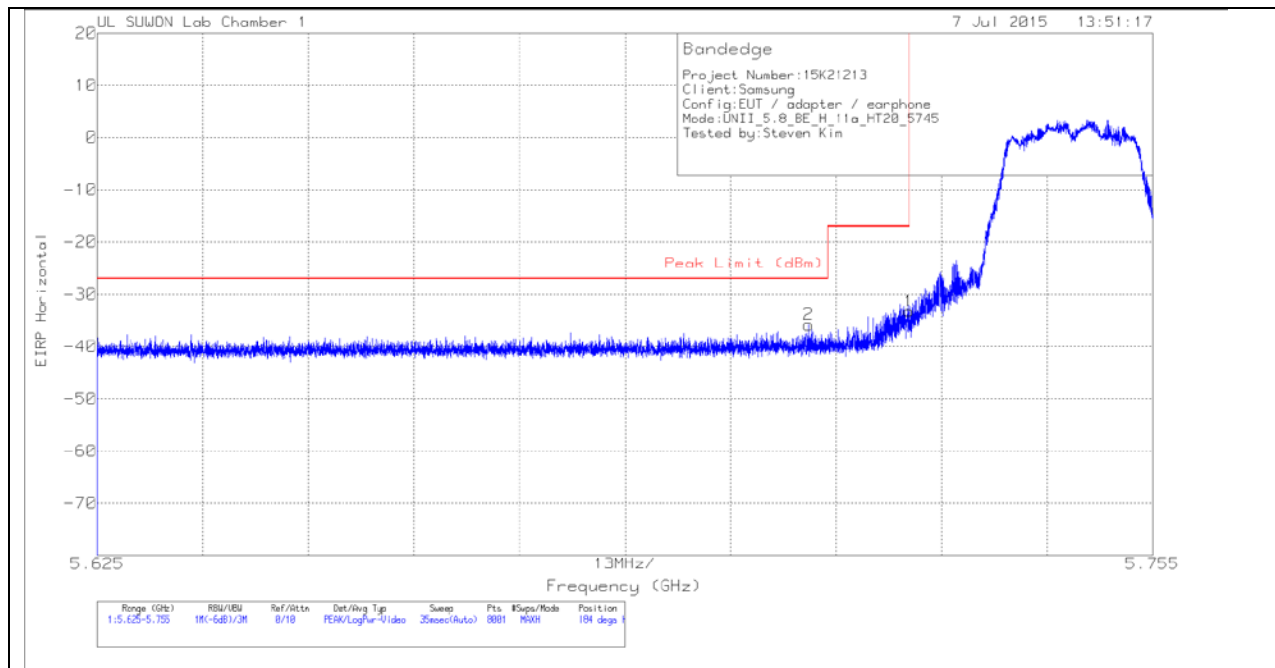
* - indicates frequency in CFR15.205/IC7.2.2 Restricted Band

PK1 - KDB789033 Method: Peak

AD1 - KDB789033 Method: AD Primary Power Average

11.4. 5.8 GHz

11.4.1. TX ABOVE 1GHz 802.11a 2TX CDD MODE IN THE 5.8GHz BAND HARMONICS AND SPURIOUS EMISSIONS HORIZONTAL PEAK PLOT



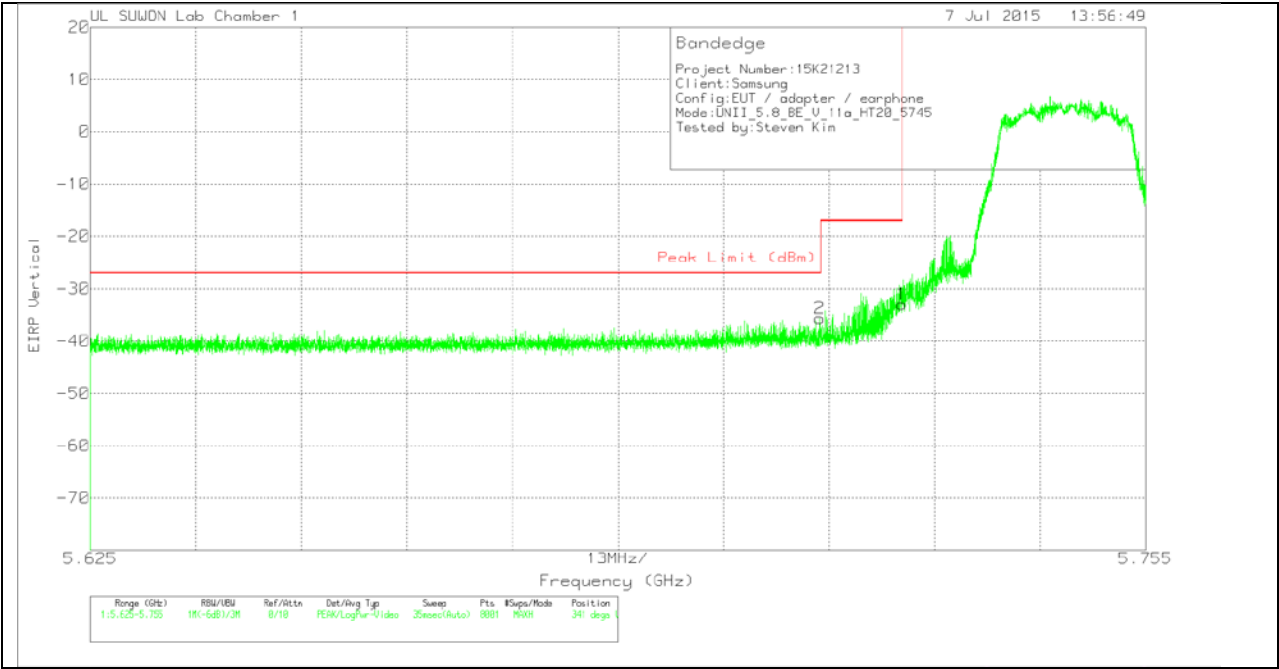
HORIZONTAL DATA

TRACE MARKERS

Marker	Frequency (GHz)	Meter Reading (dBm)	Det	3117(0016 8717)_150 619	Path_2_10 dB	Conversion Factor (dB)	DC Corr (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.725	-61.05	Pk	34.8	-18.8	11.8	0	-33.25	-17	-16.25	184	276	H
2	5.713	-63.62	Pk	34.8	-18.8	11.8	0	-35.82	-27	-8.82	184	276	H

Pk - Peak detector

VERTICAL PEAK PLOT



VERTICAL DATA

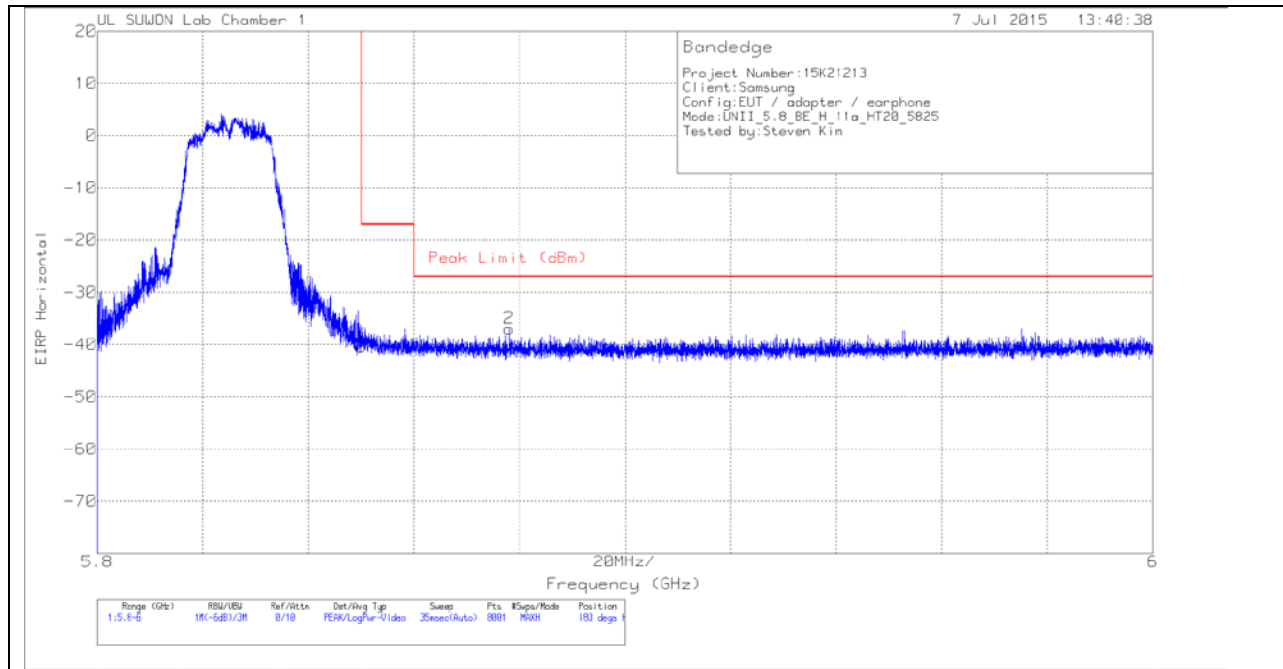
TRACE MARKERS

Marker	Frequency (GHz)	Meter Reading (dBm)	Det	3117(0016 8717)_150 619	Path_2_10 dB	Conversion Factor (dB)	DC Corr (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.725	-60.78	Pk	34.8	-18.8	11.8	0	-32.98	-17	-15.98	341	296	V
2	5.715	-63.45	Pk	34.8	-18.8	11.8	0	-35.65	-27	-8.65	341	296	V

Pk - Peak detector

AUTHORIZED BANDEDGE (HIGH CHANNEL)

HORIZONTAL PEAK PLOT



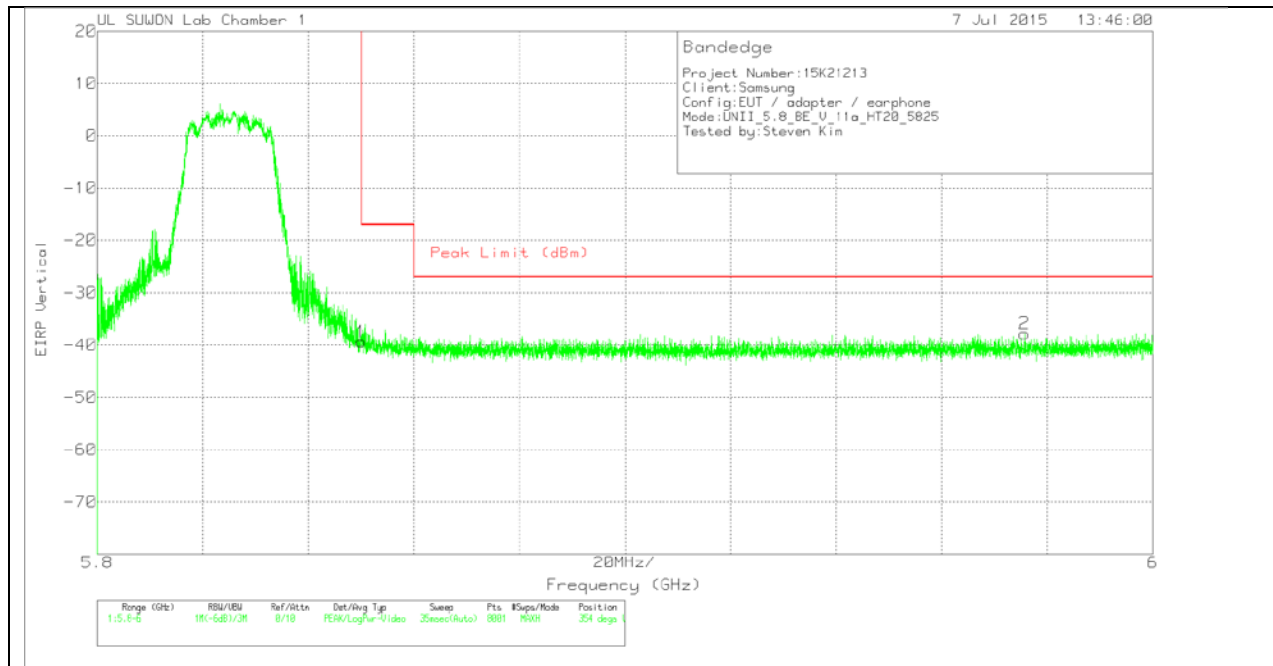
HORIZONTAL DATA

TRACE MARKERS

Marker	Frequency (GHz)	Meter Reading (dBm)	Det	3117/0016 8717_150 619	Path_2_10 dB	Conversion Factor (dB)	DC Corr (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.85	-68.27	Pk	34.9	-18.9	11.8	0	-40.47	-17	-23.47	183	272	H
2	5.878	-64.72	Pk	34.9	-18.9	11.8	0	-36.92	-27	-9.92	183	272	H

Pk - Peak detector

VERTICAL PEAK PLOT



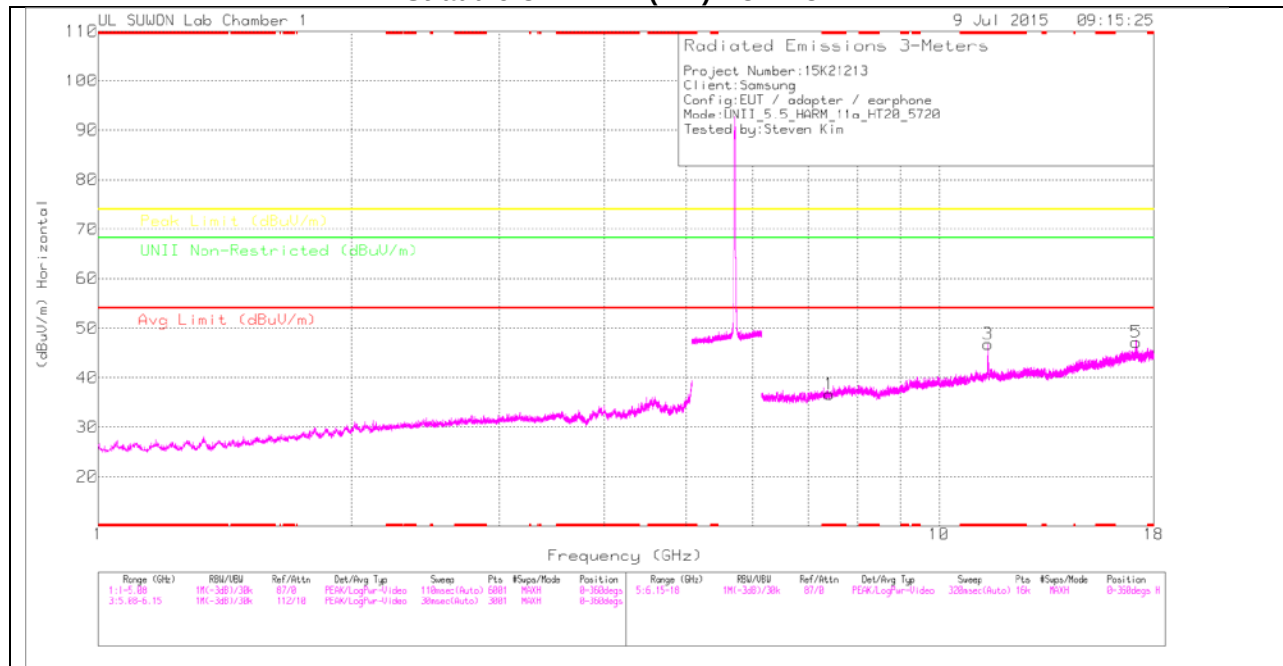
VERTICAL DATA

TRACE MARKERS

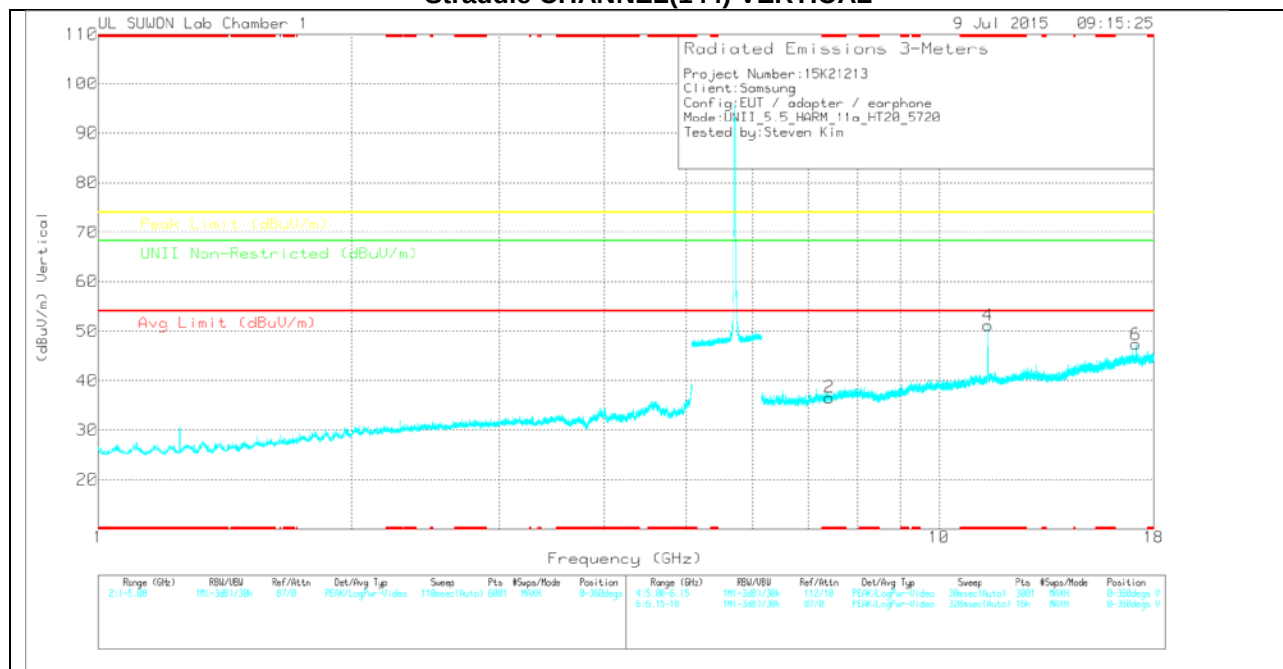
Marker	Frequency (GHz)	Meter Reading (dBm)	Det	3117(0016 8717)_150 619	Path_2_10 dB	Conversion Factor (dB)	DC Corr (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.85	-67.17	Pk	34.9	-18.9	11.8	0	-39.37	-17	-22.37	354	320	V
2	5.976	-65.88	Pk	34.9	-18.6	11.8	0	-37.78	-27	-10.78	354	320	V

Pk - Peak detector

Straddle CHANNEL(144) HORIZONTAL



Straddle CHANNEL(144) 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.

Straddle CHANNEL(144) DATA

TRACE MARKERS

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	3117(0016 8717)_150 619	Path_5_6G HP	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	UNII Non-Restricted (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 7.406	25.76	PK	35.8	-24.9	0	36.66	-	-	74	-37.34	-	-	0-360	200	H
3	* 11.443	28.88	PK	38.6	-20.7	0	46.78	-	-	74	-27.22	-	-	0-360	200	H
5	17.162	22.16	PK	41.3	-16.3	0	47.16	-	-	-	-	68.2	-21.04	0-360	200	H
2	* 7.402	25.7	PK	35.8	-24.9	0	36.6	-	-	74	-37.4	-	-	0-360	100	V
4	* 11.437	33.26	PK	38.6	-20.7	0	51.16	-	-	74	-22.84	-	-	0-360	100	V
6	17.154	22.56	PK	41.3	-16.5	0	47.36	-	-	-	-	68.2	-20.84	0-360	100	V

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

PK – Peak Detector

Radiated Emissions

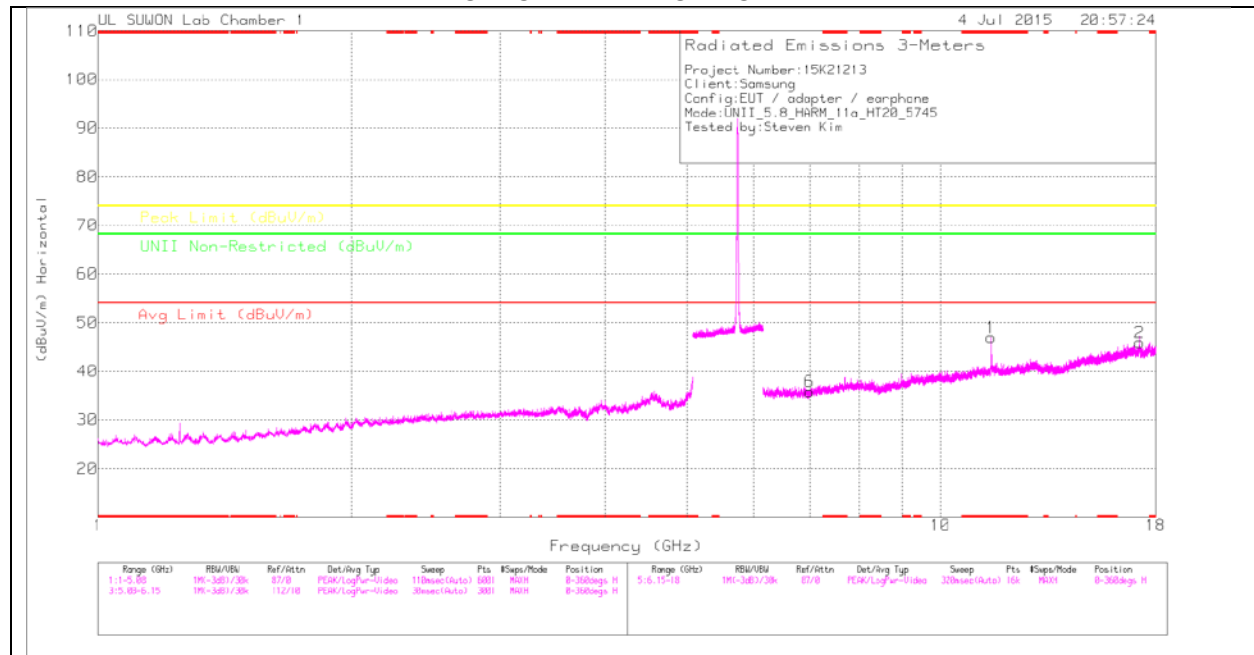
Frequency (GHz)	Meter Reading (dBuV)	Det	3117(001687 17)_150619	Path_5_6GH P	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	UNII Non-Restricted (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
* 11.442	40	PK1	38.6	-20.7	0	57.9	-	-	74	-16.1	-	-	222	219	H
* 11.443	28.79	AD1	38.6	-20.7	.3	46.99	54	-7.01	-	-	-	-	222	219	H
* 11.437	39.53	PK1	38.6	-20.7	0	57.43	-	-	74	-16.57	-	-	141	103	V
* 11.437	30.56	AD1	38.6	-20.7	.3	48.76	54	-5.24	-	-	-	-	141	103	V
17.162	32.18	PK1	41.3	-16.3	0	57.18	-	-	-	-	68.2	-11.02	173	185	H
17.164	34.86	PK1	41.3	-16.3	0	59.86	-	-	-	-	68.2	-8.34	171	271	V

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

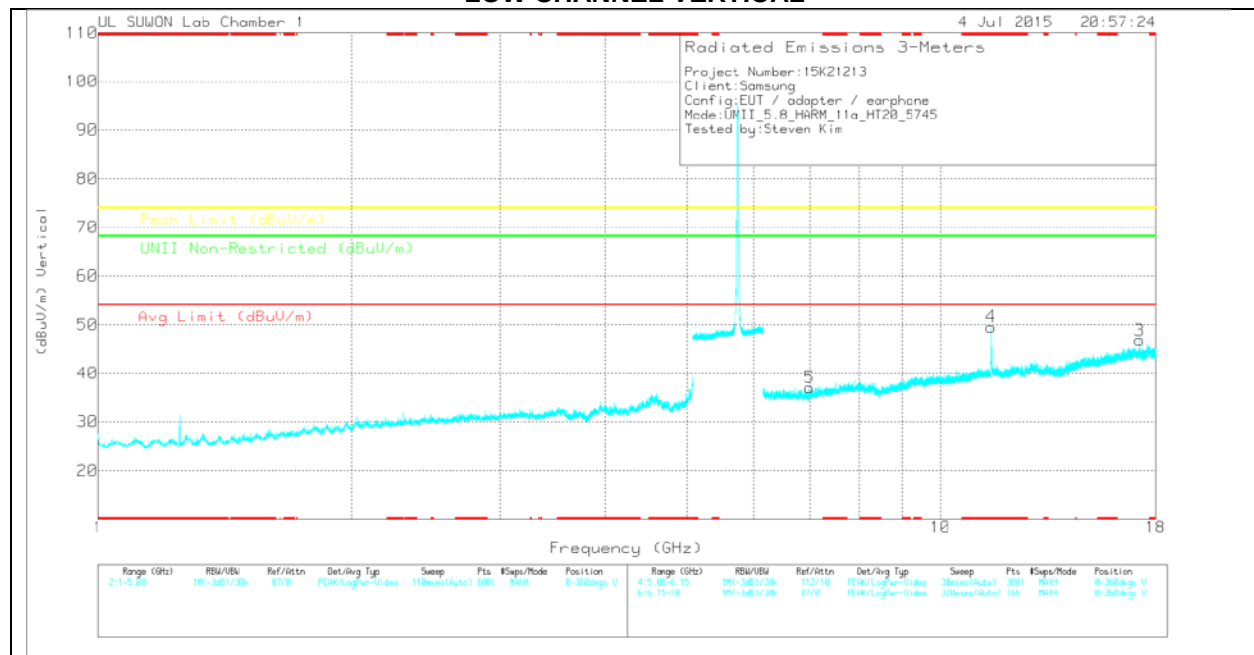
PK1 - KDB789033 Method: Peak

AD1 - KDB789033 Method: AD Primary Power Average

LOW CHANNEL HORIZONTAL



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	3117(0016 8717)_150 619	Path_5_6G HP	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	UNII Non-Restricted (dBuV/m)	Margin (dB)	Asimuth (Degs)	Height (cm)	Polarity
1	* 11.491	29.08	PK	38.6	-20.7	0	46.98	-	-	74	-27.02	-	-	0-360	200	H
2	17.233	20.3	PK	41.2	-15.6	0	45.9	-	-	-	-	68.2	-22.3	0-360	200	H
6	6.99	25.65	PK	35.7	-25.6	0	35.75	-	-	-	-	68.2	-32.45	0-360	100	H
3	17.239	21.14	PK	41.2	-15.5	0	46.84	-	-	-	-	68.2	-21.36	0-360	200	V
4	* 11.492	31.67	PK	38.6	-20.7	0	49.57	-	-	74	-24.43	-	-	0-360	200	V
5	6.99	26.98	PK	35.7	-25.6	0	37.08	-	-	-	-	68.2	-31.12	0-360	100	V

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

PK – Peak Detector

Radiated Emissions

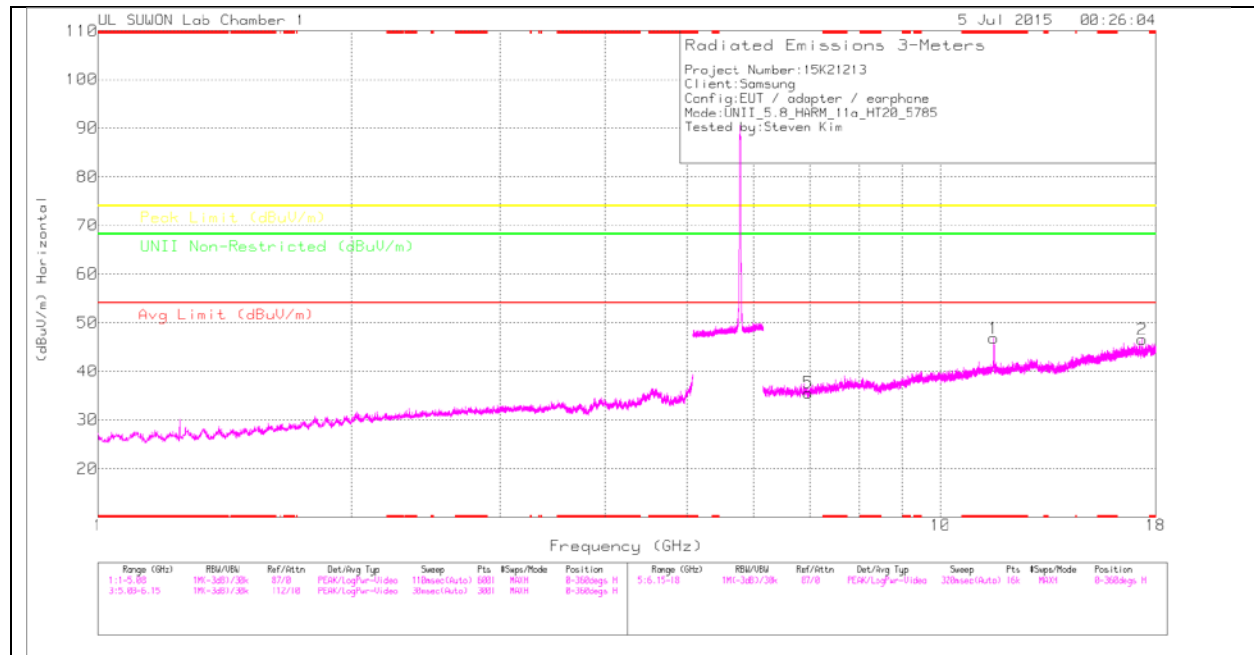
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* 11.488	38.33	PK1	38.6	-20.7	0	56.23	-	-	74	-17.77	-	-	220	257	H
* 11.493	26.31	AD1	38.6	-20.7	.3	44.51	54	-9.49	-	-	-	-	220	257	H
17.237	34.45	PK1	41.2	-15.6	0	60.05	-	-	-	-	68.2	-8.15	161	145	H
17.232	19.6	AD1	41.2	-15.6	.3	45.5	-	-	-	-	-	-	161	145	H
17.239	33.95	PK1	41.2	-15.6	0	59.55	-	-	-	-	68.2	-8.65	175	278	V
17.234	20.61	AD1	41.2	-15.6	.3	46.51	-	-	-	-	-	-	175	278	V
* 11.491	40.43	PK1	38.6	-20.7	0	58.33	-	-	74	-15.67	-	-	166	206	V
* 11.491	29.19	AD1	38.6	-20.7	.3	47.39	54	-6.61	-	-	-	-	166	206	V

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

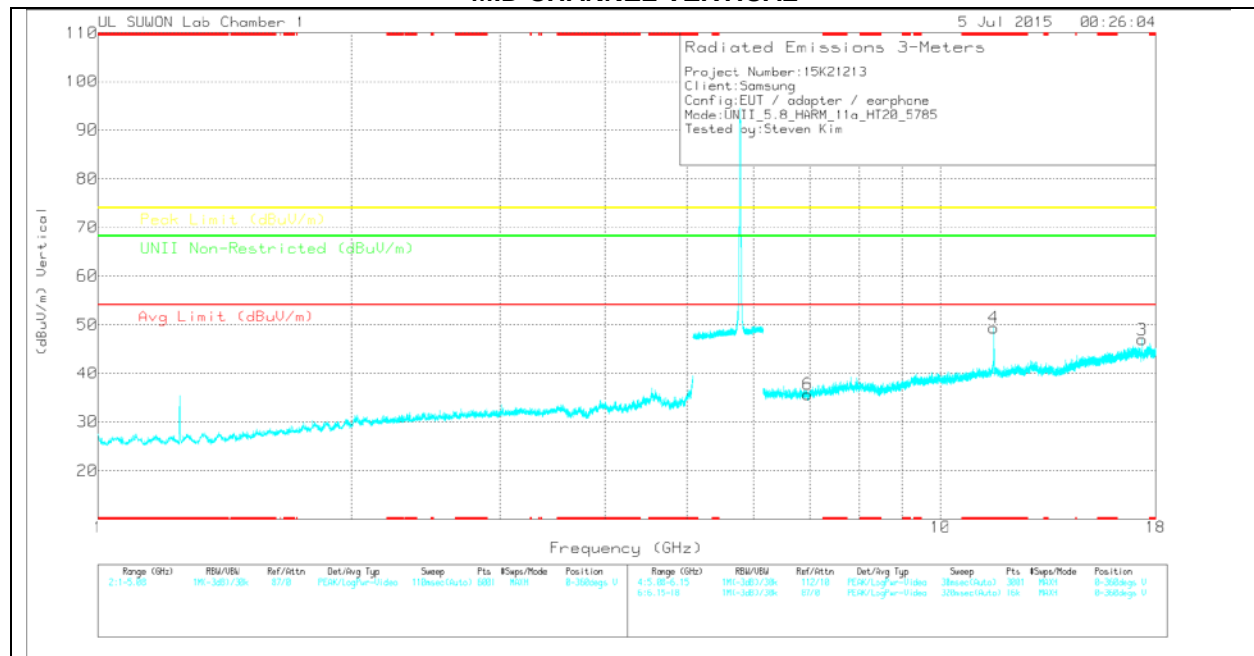
PK-U - U-NII: Maximum Peak

ADR - U-NII AD primary method, RMS average

MID CHANNEL HORIZONTAL



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	3117/0016 8717_150 619	Path_5_6G HP	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	UNII Non-Restricted (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 11.571	28.58	PK	38.7	-20.5	0	46.78	-	-	74	-27.22	-	-	0-360	200	H
2	17.355	21.01	PK	41.2	-15.7	0	46.51	-	-	-	-	68.2	-21.69	0-360	200	H
5	6.968	25.45	PK	35.7	-25.6	0	35.55	-	-	-	-	68.2	-32.65	0-360	200	H
3	17.355	21.4	PK	41.2	-15.7	0	46.9	-	-	-	-	68.2	-21.3	0-360	200	V
4	* 11.571	31.19	PK	38.7	-20.5	0	49.39	-	-	74	-24.61	-	-	0-360	200	V
6	6.954	25.59	PK	35.7	-25.6	0	35.69	-	-	-	-	68.2	-32.51	0-360	200	V

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

PK – Peak Detector

Radiated Emissions

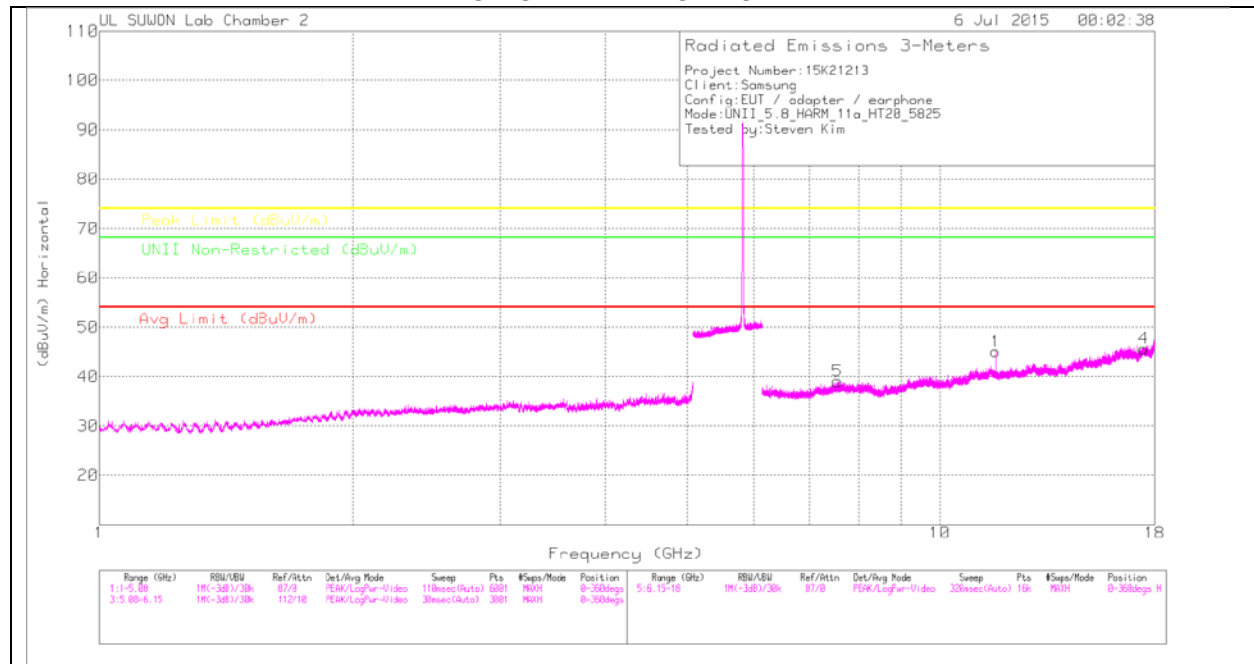
Frequency (GHz)	Meter Reading (dBuV)	Det	3117/001687 17_150619	Path_5_6GH P	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	UNII Non-Restricted (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
* 11.572	36.28	PK1	38.7	-20.5	0	54.48	-	-	74	-19.52	-	-	83	186	H
* 11.57	24.41	AD1	38.7	-20.5	.3	42.91	54	-11.09	-	-	-	-	83	186	H
17.358	33.47	PK1	41.2	-15.7	0	58.97	-	-	-	-	68.2	-9.23	170	194	H
17.356	19.32	AD1	41.2	-15.7	.3	45.12	-	-	-	-	-	-	170	194	H
17.357	33.46	PK1	41.2	-15.7	0	58.96	-	-	-	-	68.2	-9.24	174	210	V
17.353	19	AD1	41.2	-15.7	.3	44.8	-	-	-	-	-	-	174	210	V
* 11.571	36.82	PK1	38.7	-20.5	0	55.02	-	-	74	-18.98	-	-	166	333	V
* 11.57	27.24	AD1	38.7	-20.5	.3	45.74	54	-8.26	-	-	-	-	166	333	V

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

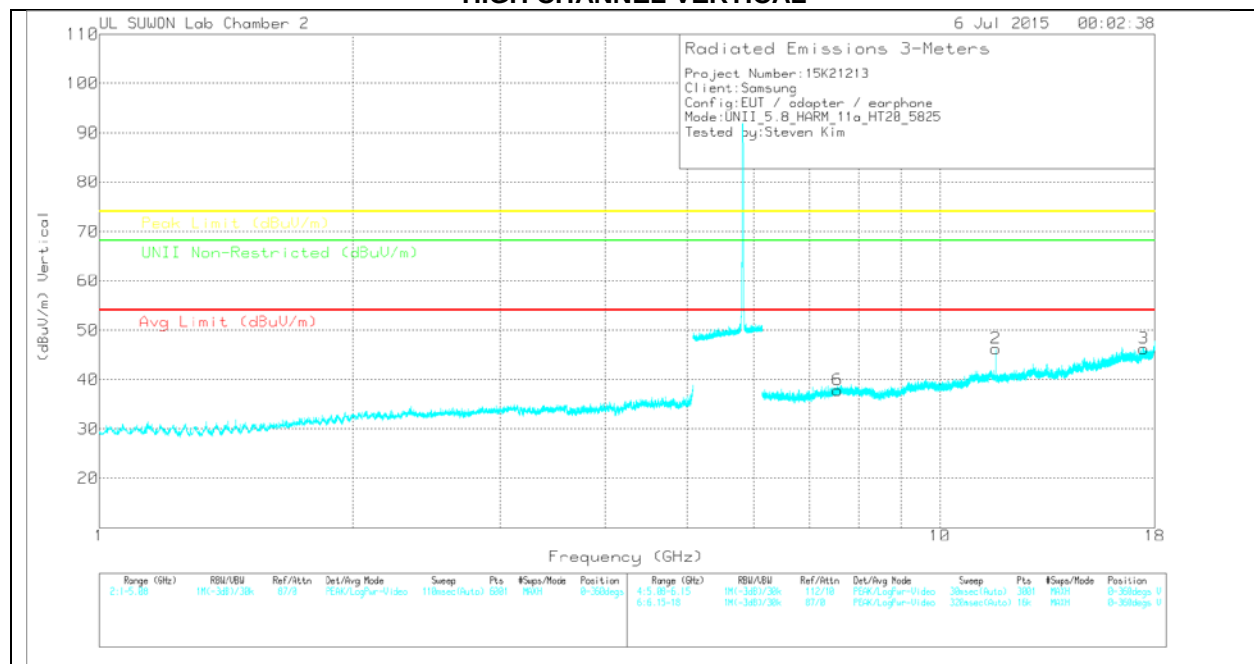
PK-U - U-NII: Maximum Peak

ADR - U-NII AD primary method, RMS average

HIGH CHANNEL HORIZONTAL



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	3117/0016 87241_150 619	Path_5	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	UNII Non-Restricted (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 11.651	24.07	PK	38.4	-17.4	0	45.07	-	-	74	-28.93	-	-	0-360	200	H
4	17.479	18.74	PK	41.3	-14.4	0	45.64	-	-	-	-	68.2	-22.56	0-360	200	H
5	* 7.562	24.64	PK	36.1	-21.7	0	39.04	-	-	74	-34.96	-	-	0-360	200	H
2	* 11.652	25.27	PK	38.4	-17.4	0	46.27	-	-	74	-27.73	-	-	0-360	200	V
3	17.477	19.38	PK	41.3	-14.4	0	46.28	-	-	-	-	68.2	-21.92	0-360	200	V
6	* 7.563	23.48	PK	36.1	-21.7	0	37.88	-	-	74	-36.12	-	-	0-360	100	V

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

PK – Peak Detector

Radiated Emissions

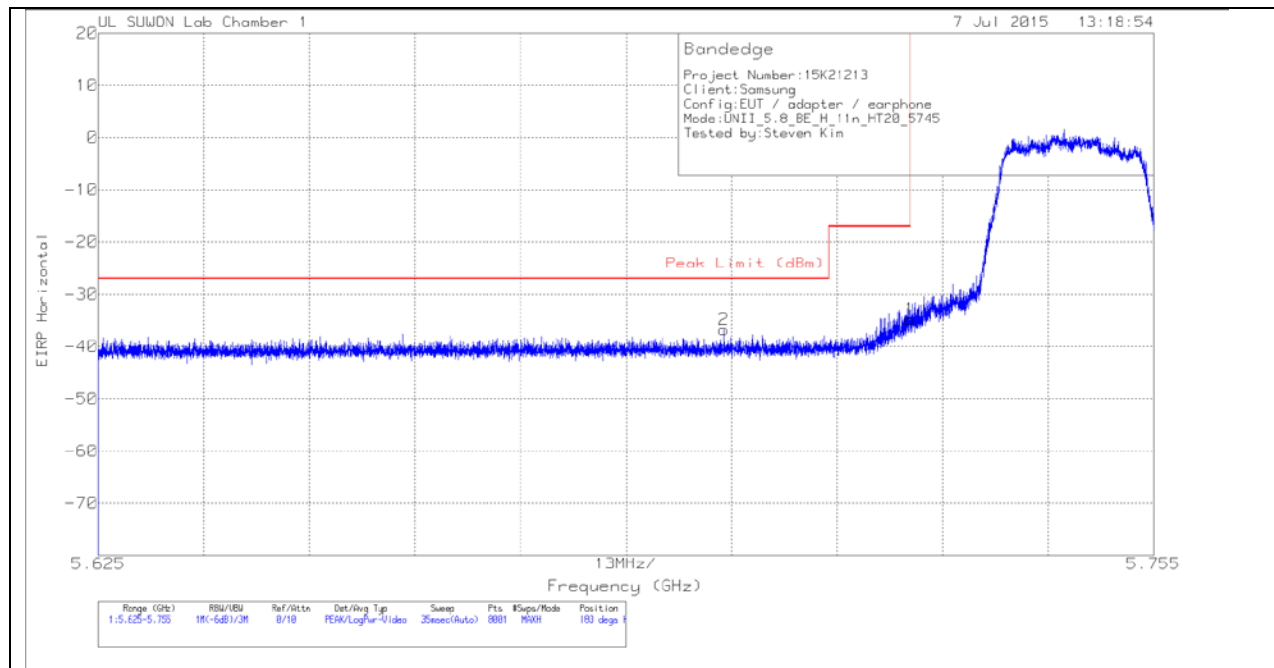
Frequency (GHz)	Meter Reading (dBuV)	Det	3117/001687 241_150619	Path_5	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	UNII Non-Restricted (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
* 11.65	34.36	PK-U	38.4	-17.4	0	55.36	-	-	74	-18.64	-	-	131	205	H
* 11.65	23.3	ADR	38.4	-17.4	.3	44.6	54	-9.4	-	-	-	-	131	205	H
* 11.651	36.92	PK-U	38.4	-17.4	0	57.92	-	-	74	-16.08	-	-	164	208	V
* 11.651	26.34	ADR	38.4	-17.4	.3	47.64	54	-6.36	-	-	-	-	164	208	V

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

PK-U - U-NII: Maximum Peak

ADR - U-NII AD primary method, RMS average

11.4.2. TX ABOVE 1GHz 802.11n HT20 2TX CDD MODE IN THE 5.8GHz BAND HARMONICS AND SPURIOUS EMISSIONS HORIZONTAL PEAK PLOT



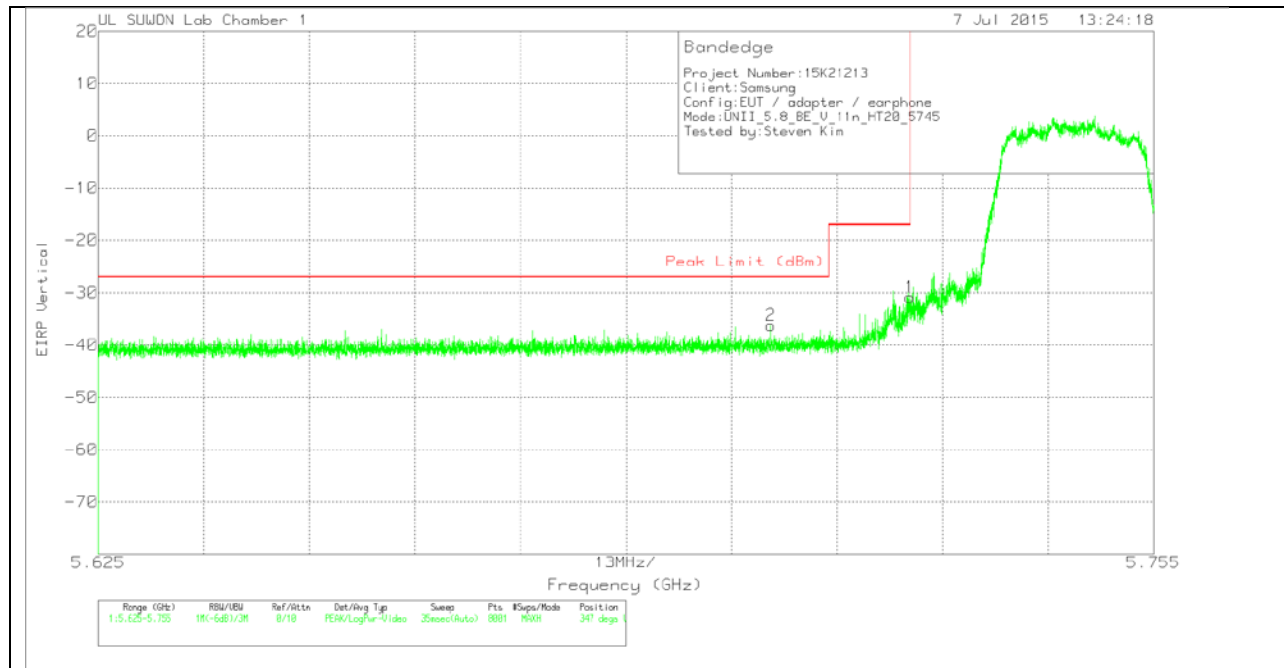
HORIZONTAL DATA

TRACE MARKERS

Marker	Frequency (GHz)	Meter Reading (dBm)	Det	3117(0016 8717)_150 619	Path_2_10 dB	Conversion Factor (dB)	DC Corr (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.725	-62.55	Pk	34.8	-18.8	11.8	0	-34.75	-17	-17.75	183	282	H
2	5.702	-64.43	Pk	34.8	-18.9	11.8	0	-36.73	-27	-9.73	183	282	H

Pk - Peak detector

VERTICAL PEAK PLOT



VERTICAL DATA

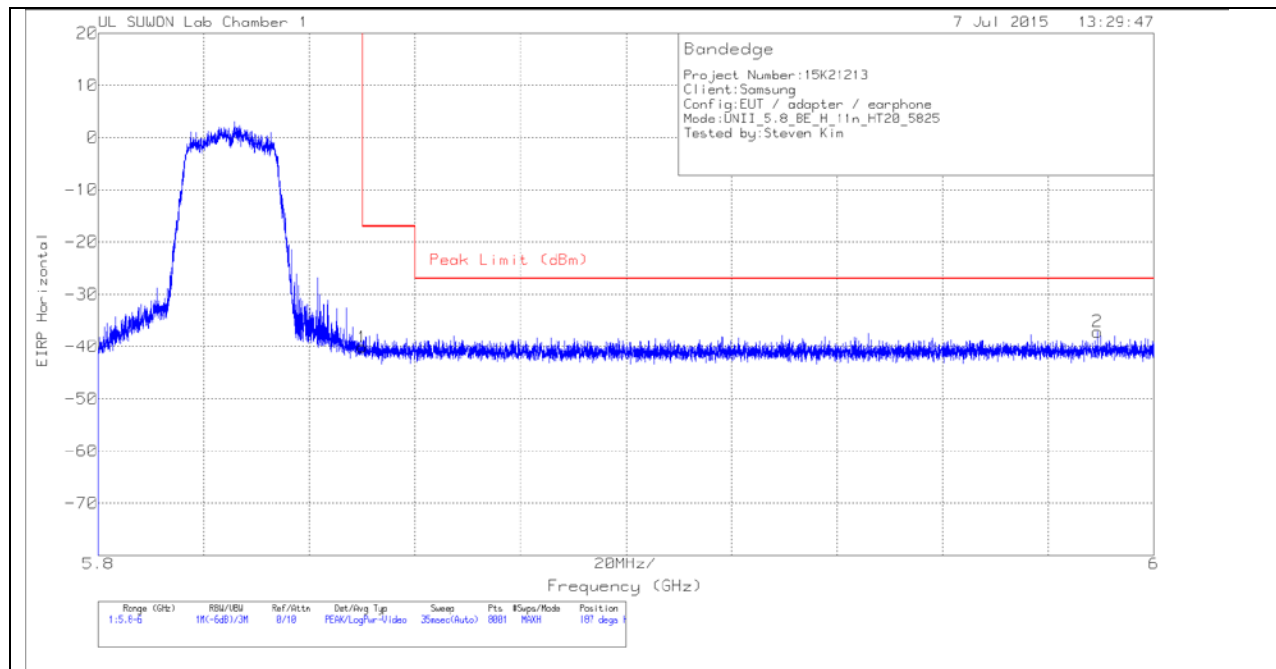
TRACE MARKERS

Marker	Frequency (GHz)	Meter Reading (dBm)	Det	3117(0016 8717)_150 619	Path_2_10 dB	Conversion Factor (dB)	DC Corr (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.725	-58.63	Pk	34.8	-18.8	11.8	0	-30.83	-17	-13.83	347	300	V
2	5.708	-63.94	Pk	34.8	-18.9	11.8	0	-36.24	-27	-9.24	347	300	V

Pk - Peak detector

AUTHORIZED BANDEDGE (HIGH CHANNEL)

HORIZONTAL PEAK AND AVERAGE PLOT



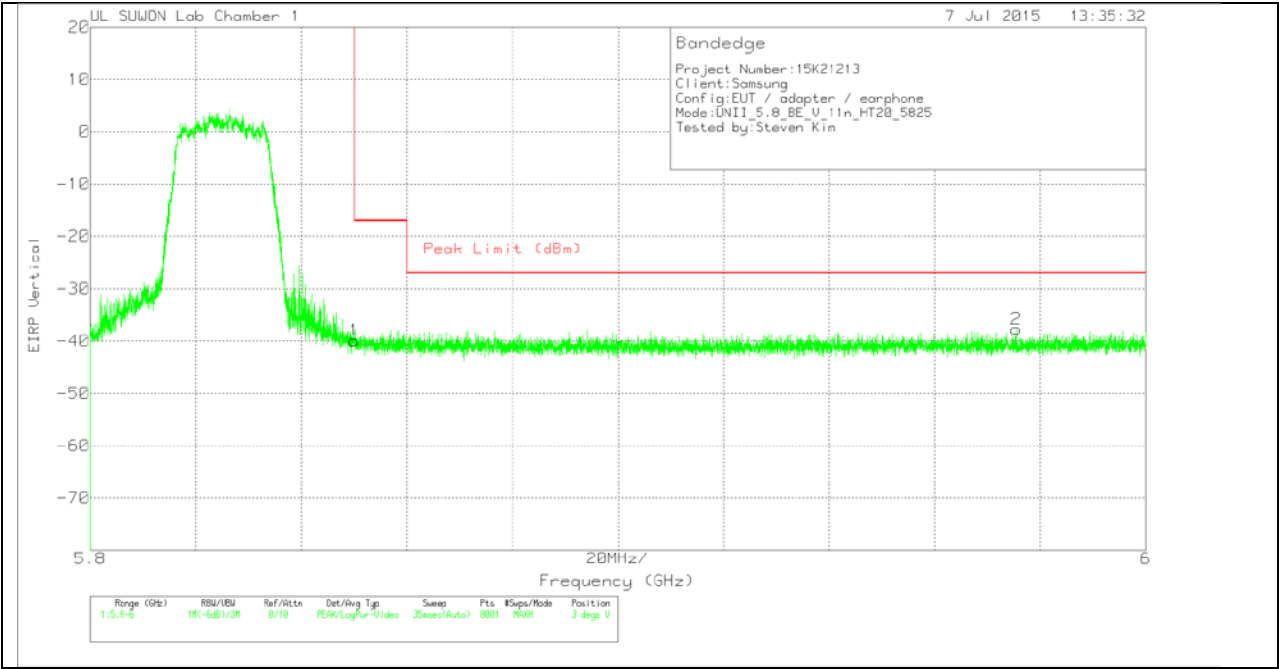
HORIZONTAL DATA

TRACE MARKERS

Marker	Frequency (GHz)	Meter Reading (dBm)	Det	3117/0016 8717_150 619	Path_2_10 dB	Conversion Factor (dB)	DC Corr (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.85	-67.9	Pk	34.9	-18.9	11.8	0	-40.1	-17	-23.1	187	272	H
2	5.989	-65.24	Pk	34.9	-18.6	11.8	0	-37.14	-27	-10.14	187	272	H

Pk - Peak detector

VERTICAL PEAK PLOT



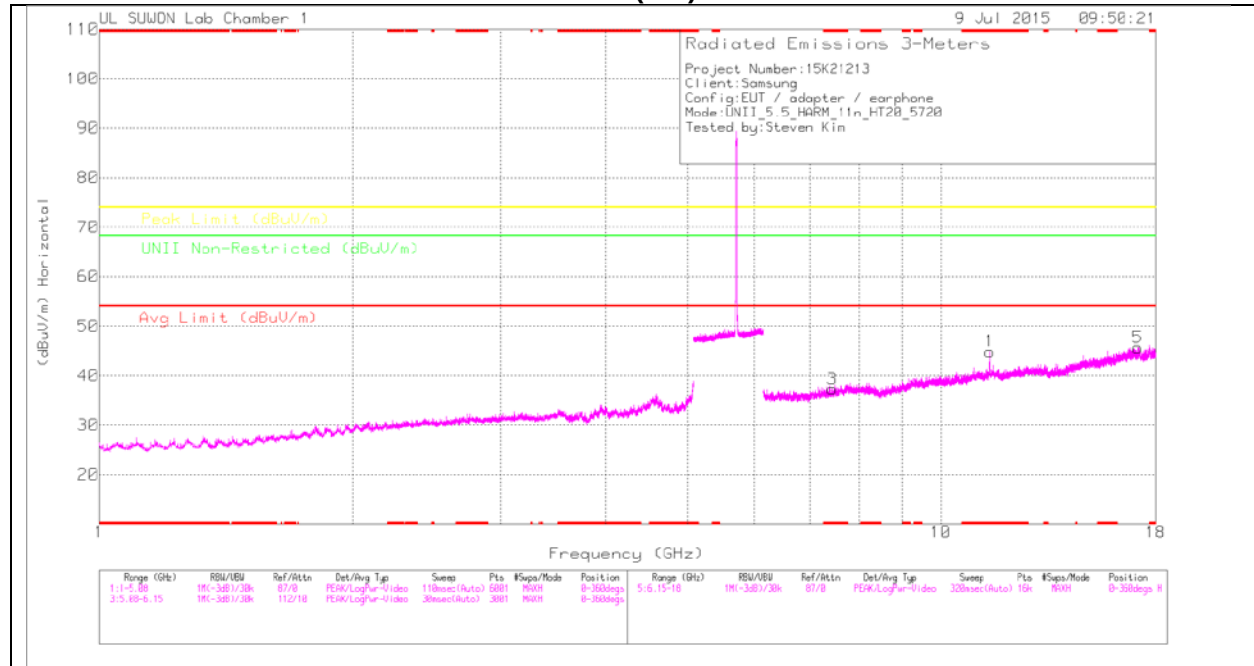
VERTICAL DATA

TRACE MARKERS

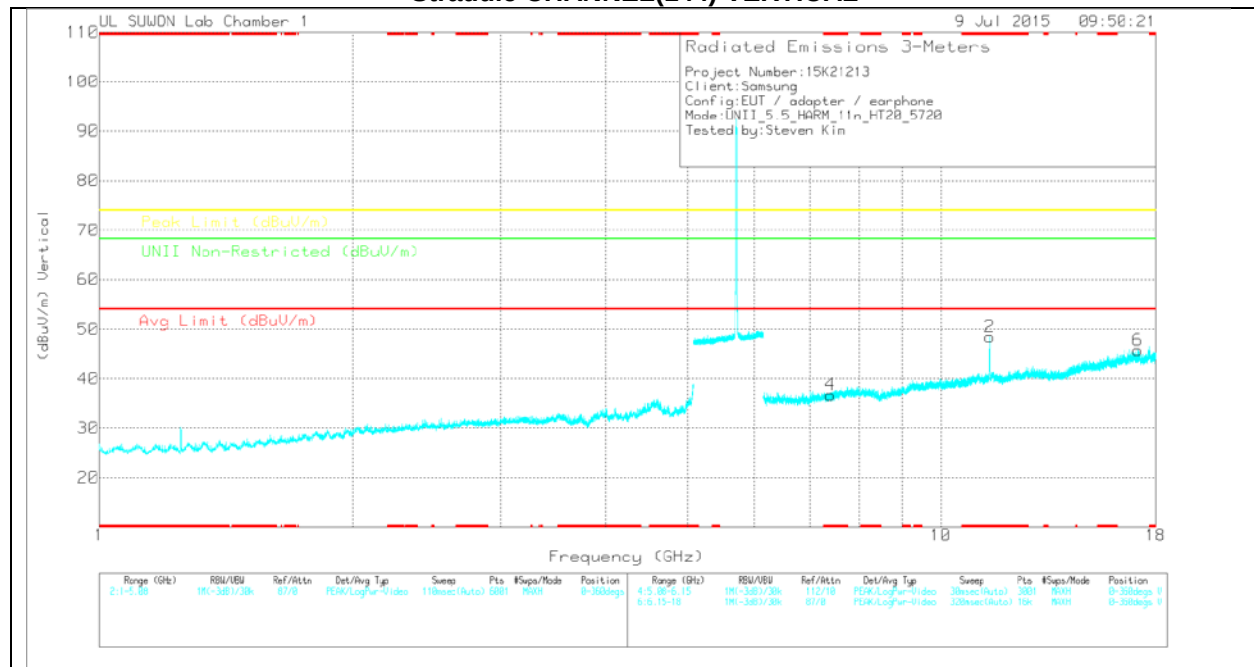
Marker	Frequency (GHz)	Meter Reading (dBm)	Det	3117(0016 8717)_150 619	Path_2_10 dB	Conversion Factor (dB)	DC Corr (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.85	-67.72	Pk	34.9	-18.9	11.8	0	-39.92	-17	-22.92	3	318	V
2	5.976	-65.81	Pk	34.9	-18.6	11.8	0	-37.71	-27	-10.71	3	318	V

Pk - Peak detector

Straddle CHANNEL(144) HORIZONTAL



Straddle CHANNEL(144) 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.

Straddle CHANNEL(144) DATA

TRACE MARKERS

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	3117(0016 8717)_150 619	Path_5_6G HP	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	UNII Non-Restricted (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 11.441	26.98	PK	38.6	-20.7	0	44.88	-	-	74	-29.12	-	-	0-360	200	H
3	* 7.427	26.39	PK	35.8	-24.9	0	37.29	-	-	74	-36.71	-	-	0-360	100	H
5	17.156	20.75	PK	41.3	-16.4	0	45.65	-	-	-	-	68.2	-22.55	0-360	200	H
2	* 11.441	30.56	PK	38.6	-20.7	0	48.46	-	-	74	-25.54	-	-	0-360	100	V
4	* 7.39	25.82	PK	35.8	-24.9	0	36.72	-	-	74	-37.28	-	-	0-360	100	V
6	17.159	20.85	PK	41.3	-16.4	0	45.75	-	-	-	-	68.2	-22.45	0-360	100	V

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

PK – Peak Detector

Radiated Emissions

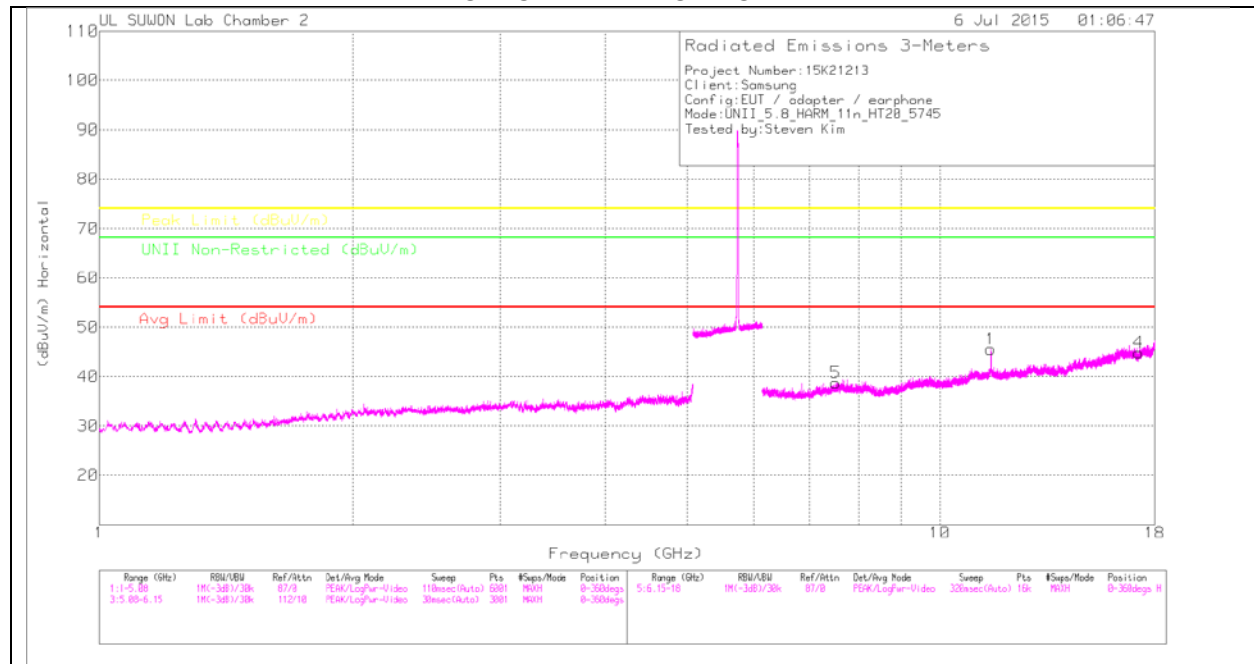
Frequency (GHz)	Meter Reading (dBuV)	Det	3117(001687 17)_150619	Path_5_6GH P	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	UNII Non-Restricted (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
* 11.441	36.59	PK1	38.6	-20.7	0	54.49	-	-	74	-19.51	-	-	106	310	H
* 11.441	24.35	AD1	38.6	-20.7	.32	42.57	54	-11.43	-	-	-	-	106	310	H
* 11.441	38.74	PK1	38.6	-20.7	0	56.64	-	-	74	-17.36	-	-	142	110	V
* 11.44	30.9	AD1	38.6	-20.7	.32	49.12	54	-4.88	-	-	-	-	142	110	V

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

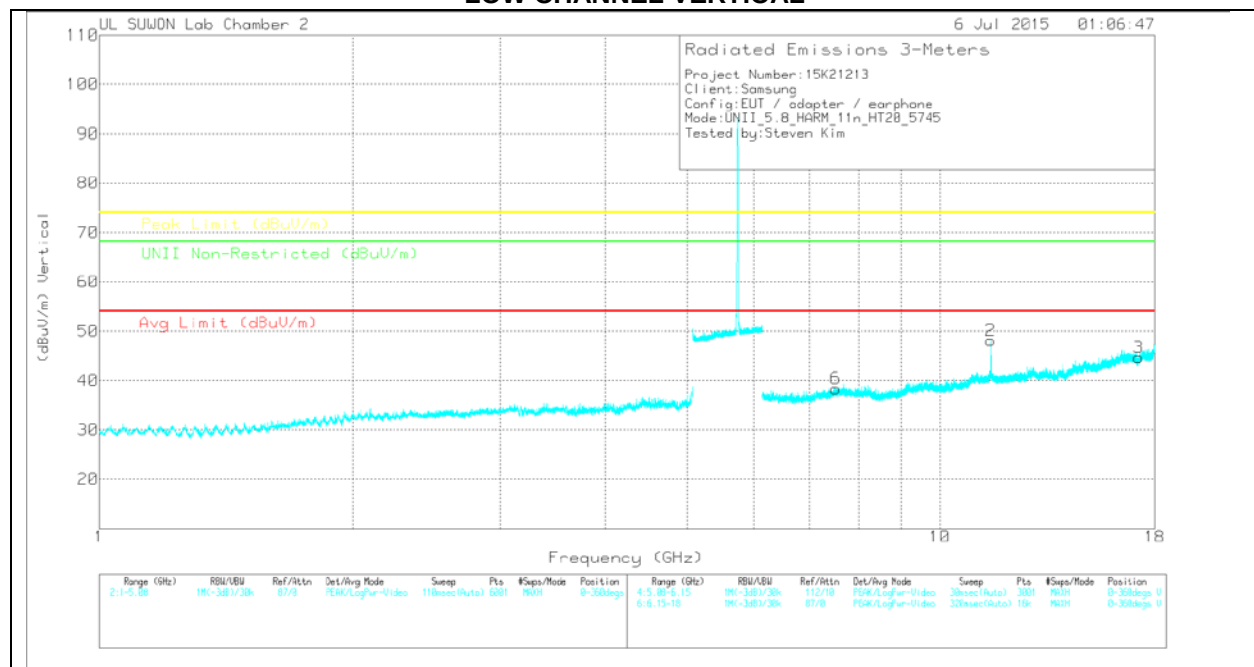
PK1 - KDB789033 Method: Peak

AD1 - KDB789033 Method: AD Primary Power Average

LOW CHANNEL HORIZONTAL



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	3117/0016 8724_150 619	Path_5	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	UNII Non-Restricted (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 11.49	24.74	PK	38.3	-17.5	0	45.54	-	-	74	-28.46	-	-	0-360	200	H
4	17.234	18.85	PK	41.2	-15.2	0	44.85	-	-	-	-	68.2	-23.35	0-360	200	H
5	* 7.519	24.62	PK	36.1	-22	0	38.72	-	-	74	-35.28	-	-	0-360	200	H
2	* 11.491	27.32	PK	38.3	-17.5	0	48.12	-	-	74	-25.88	-	-	0-360	200	V
3	17.237	18.68	PK	41.2	-15.2	0	44.68	-	-	-	-	68.2	-23.52	0-360	100	V
6	* 7.517	24.26	PK	36.1	-22	0	38.36	-	-	74	-35.64	-	-	0-360	100	V

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

PK – Peak Detector

Radiated Emissions

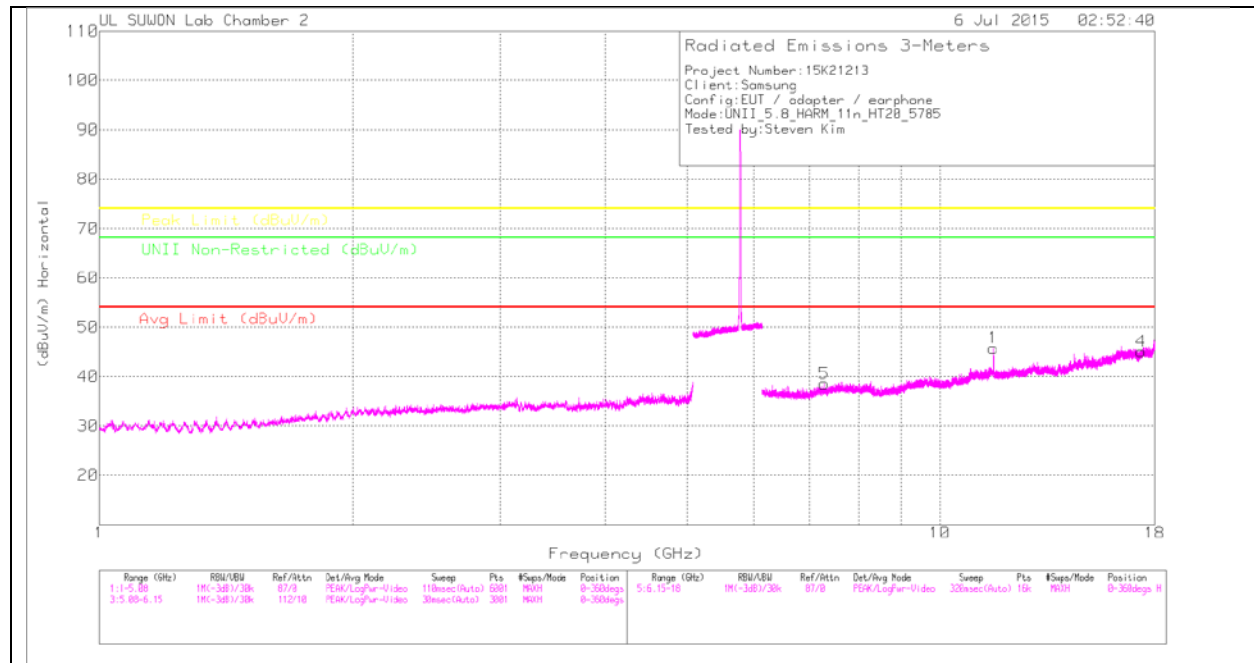
Frequency (GHz)	Meter Reading (dBuV)	Det	3117/001687 24_150619	Path_5	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	UNII Non-Restricted (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
* 11.49	34.82	PK-U	38.3	-17.5	0	55.62	-	-	74	-18.38	-	-	133	249	H
* 11.49	23.74	ADR	38.3	-17.5	.32	44.86	54	-9.14	-	-	-	-	133	249	H
* 11.491	35.54	PK-U	38.3	-17.5	0	56.34	-	-	74	-17.66	-	-	193	188	V
* 11.491	24.11	ADR	38.3	-17.5	.32	45.23	54	-8.77	-	-	-	-	193	188	V

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

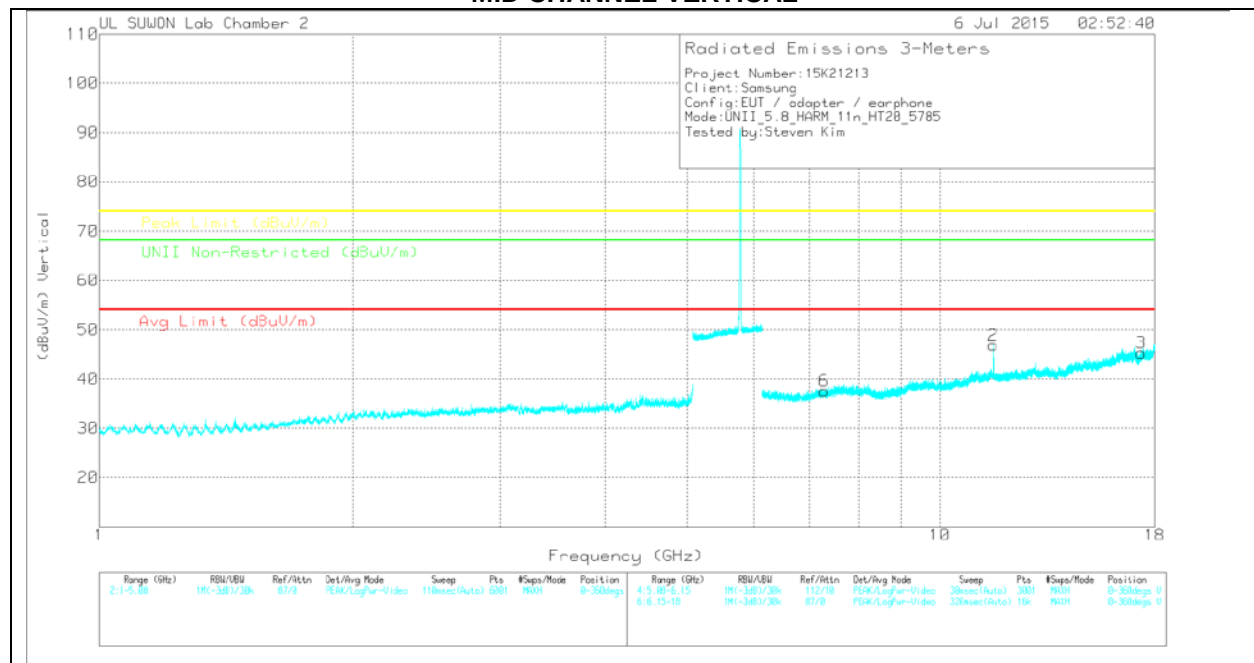
PK-U - U-NII: Maximum Peak

ADR - U-NII AD primary method, RMS average

MID CHANNEL HORIZONTAL



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	3117/0015 8724_150 619	Path_5	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	UNII Non-Restricted (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 11.571	24.86	PK	38.4	-17.5	0	45.76	-	-	74	-28.24	-	-	0-360	200	H
4	17.357	18.98	PK	41.2	-15.1	0	45.08	-	-	-	-	68.2	-23.12	0-360	200	H
5	* 7.275	24.94	PK	35.8	-22.2	0	38.54	-	-	74	-35.46	-	-	0-360	200	H
2	* 11.571	25.95	PK	38.4	-17.5	0	46.85	-	-	74	-27.15	-	-	0-360	200	V
3	17.355	19.17	PK	41.2	-15.1	0	45.27	-	-	-	-	68.2	-22.93	0-360	200	V
6	* 7.276	23.94	PK	35.8	-22.2	0	37.54	-	-	74	-36.46	-	-	0-360	200	V

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

PK – Peak Detector

Radiated Emissions

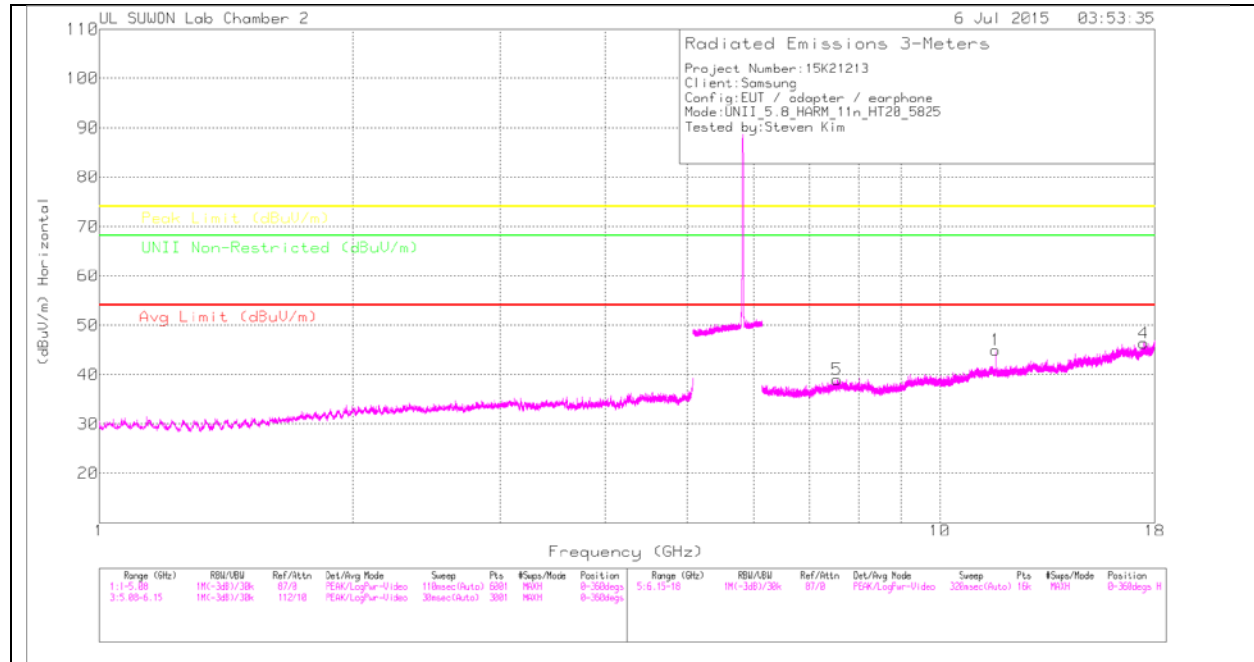
Frequency (GHz)	Meter Reading (dBuV)	Det	3117/001687 24_150619	Path_5	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	UNII Non-Restricted (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
* 11.572	34.9	PK-U	38.4	-17.5	0	55.8	-	-	74	-18.2	-	-	194	385	H
* 11.571	21.6	ADR	38.4	-17.5	.32	42.82	54	-11.18	-	-	-	-	194	385	H
* 11.571	36.63	PK-U	38.4	-17.5	0	57.53	-	-	74	-16.47	-	-	162	162	V
* 11.571	26.09	ADR	38.4	-17.5	.32	47.31	54	-6.69	-	-	-	-	162	162	V

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

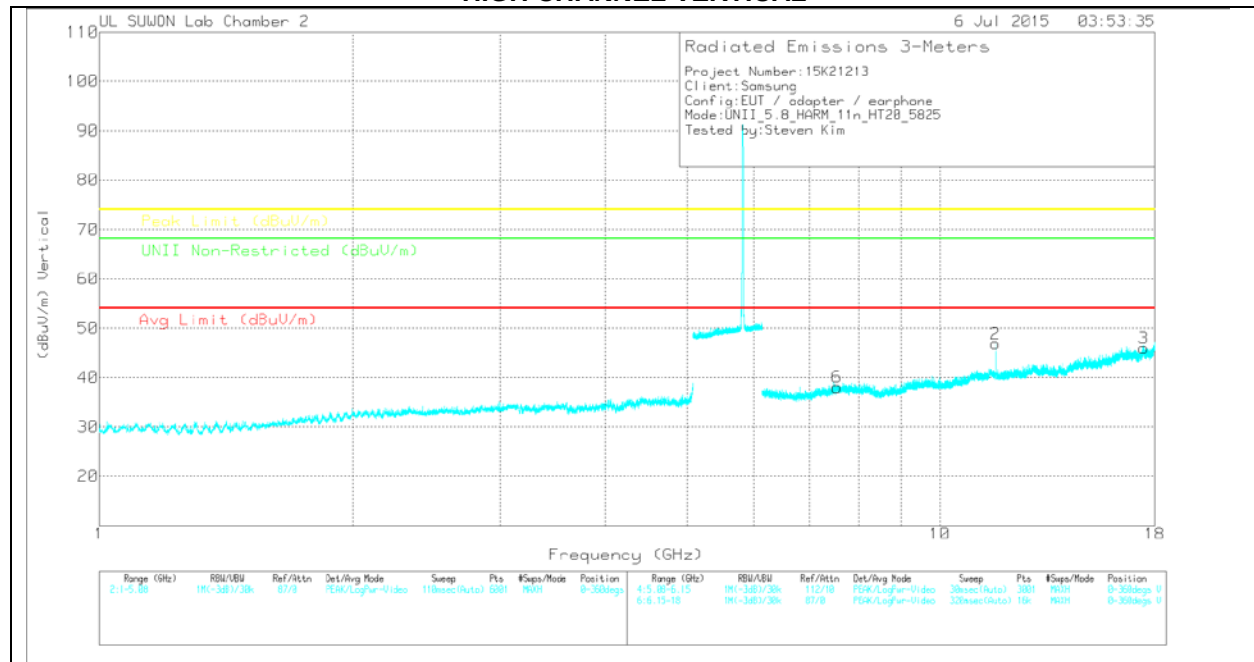
PK-U - U-NII: Maximum Peak

ADR - U-NII AD primary method, RMS average

HIGH CHANNEL HORIZONTAL



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	3117(0016 8724)_150 619	Path_5	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	UNII Non-Restricted (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 11.649	23.96	PK	38.4	-17.4	0	44.96	-	-	74	-29.04	-	-	0-360	200	H
4	17.473	19.51	PK	41.3	-14.5	0	46.31	-	-	-	-	68.2	-21.89	0-360	200	H
5	* 7.542	24.69	PK	36.1	-21.8	0	38.99	-	-	74	-35.01	-	-	0-360	100	H
2	* 11.651	25.86	PK	38.4	-17.4	0	46.86	-	-	74	-27.14	-	-	0-360	200	V
3	17.474	19.17	PK	41.3	-14.5	0	45.97	-	-	-	-	68.2	-22.23	0-360	200	V
6	* 7.543	23.73	PK	36.1	-21.8	0	38.03	-	-	74	-35.97	-	-	0-360	100	V

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

PK – Peak Detector

Radiated Emissions

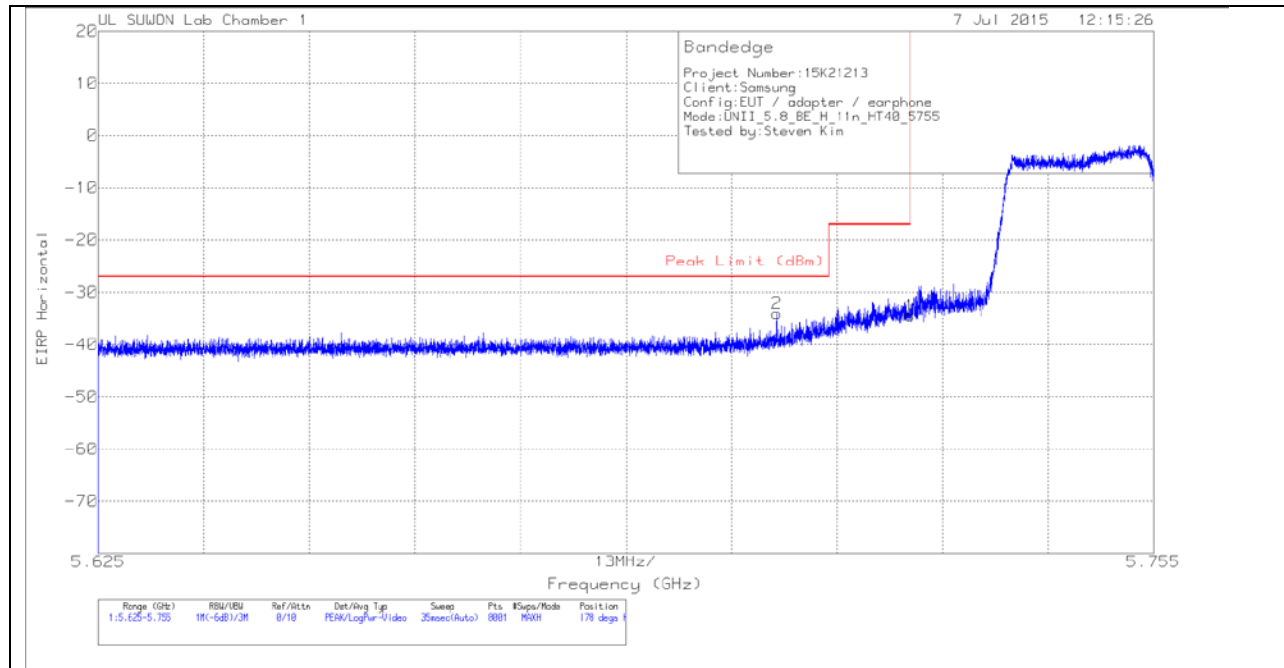
Frequency (GHz)	Meter Reading (dBuV)	Det	3117(0016872 4)_150619	Path_5	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	UNII Non-Restricted (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
* 11.651	35.14	PK-U	38.4	-17.4	0	56.14	-	-	74	-17.86	-	-	187	400	H
* 11.651	23.04	ADR	38.4	-17.4	.32	44.36	54	-9.64	-	-	-	-	187	400	H
* 11.651	35.94	PK-U	38.4	-17.4	0	56.94	-	-	74	-17.06	-	-	181	245	V
* 11.65	24.1	ADR	38.4	-17.4	.32	45.42	54	-8.58	-	-	-	-	181	245	V

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

PK-U - U-NII: Maximum Peak

ADR - U-NII AD primary method, RMS average

11.4.3. TX ABOVE 1GHz 802.11n HT40 2TX CDD MODE IN THE 5.8GHz BAND HARMONICS AND SPURIOUS EMISSIONS HORIZONTAL PEAK PLOT



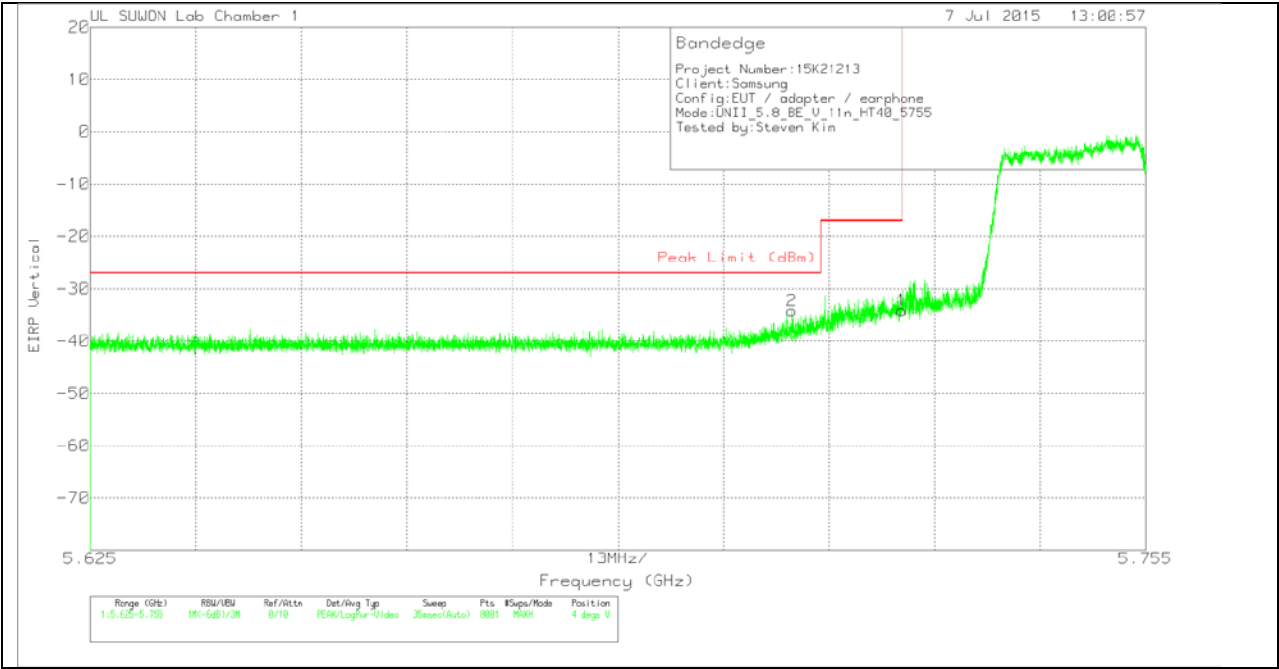
HORIZONTAL DATA

TRACE MARKERS

Marker	Frequency (GHz)	Meter Reading (dBm)	Det	3117(0016 8717)_150 619	Path_2_10 dB	Conversion Factor (dB)	DC Corr (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.725	-62.26	Pk	34.8	-18.8	11.8	0	-34.46	-17	-17.46	178	280	H
2	5.709	-61.87	Pk	34.8	-18.8	11.8	0	-34.07	-27	-7.07	178	280	H

Pk - Peak detector

VERTICAL PEAK PLOT



VERTICAL DATA

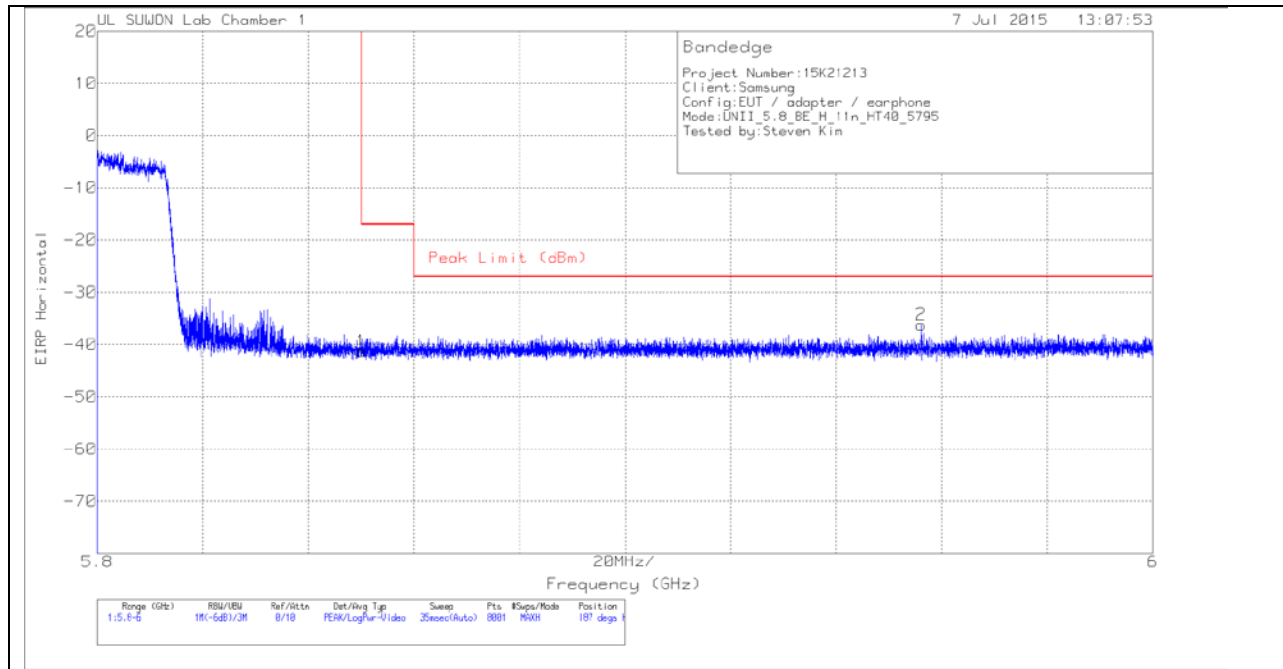
TRACE MARKERS

Marker	Frequency (GHz)	Meter Reading (dBm)	Det	3117(0016 8717)_150 619	Path_2_10 dB	Conversion Factor (dB)	DC Corr (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.725	-61.94	Pk	34.8	-18.8	11.8	0	-34.14	-17	-17.14	4	128	V
2	5.711	-62.01	Pk	34.8	-18.8	11.8	0	-34.21	-27	-7.21	4	128	V

Pk - Peak detector

AUTHORIZED BANDEDGE (HIGH CHANNEL)

HORIZONTAL PEAK PLOT



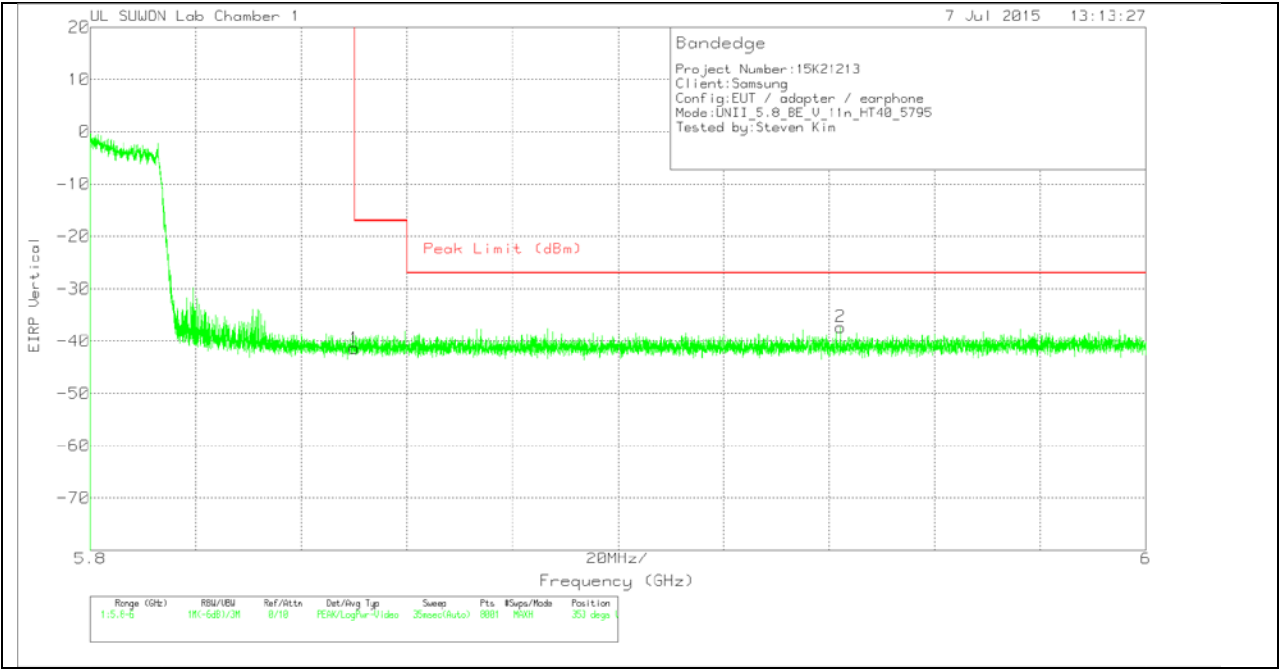
HORIZONTAL DATA

TRACE MARKERS

Marker	Frequency (GHz)	Meter Reading (dBm)	Det	3117/0016 8717_150 619	Path_2_10 dB	Conversion Factor (dB)	DC Corr (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.85	-69.07	Pk	34.9	-18.9	11.8	0	-41.27	-17	-24.27	187	322	H
2	5.956	-64.21	Pk	34.9	-18.7	11.8	0	-36.21	-27	-9.21	187	322	H

Pk - Peak detector

VERTICAL PEAK PLOT



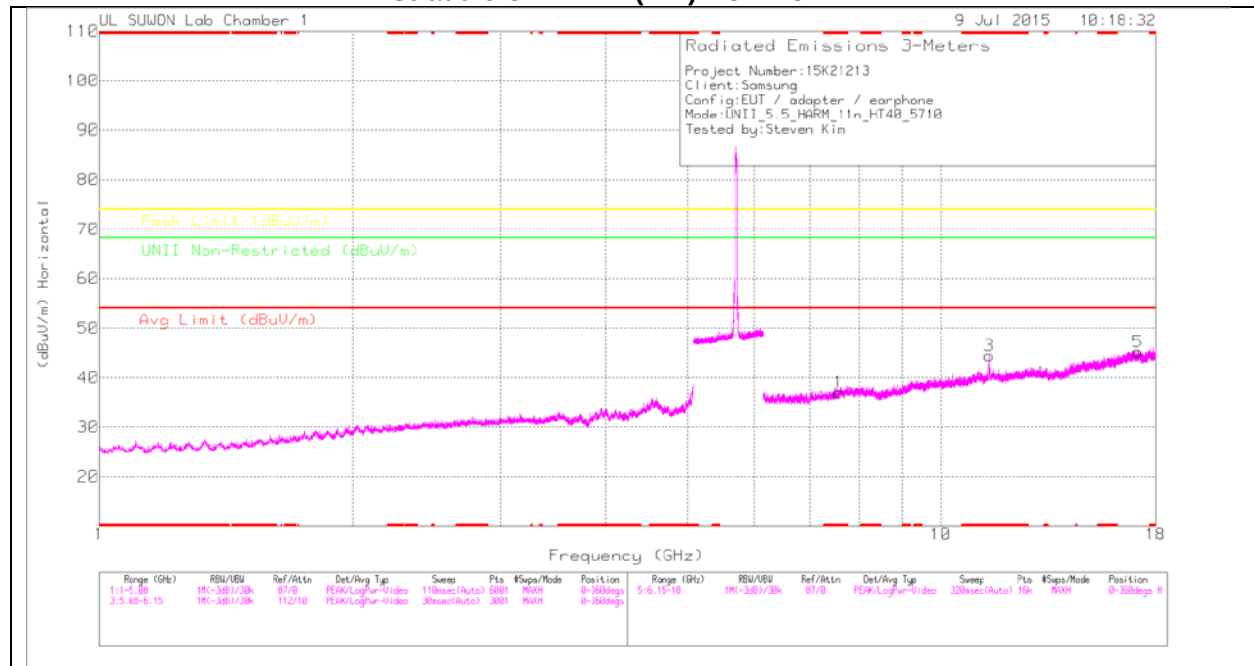
VERTICAL DATA

TRACE MARKERS

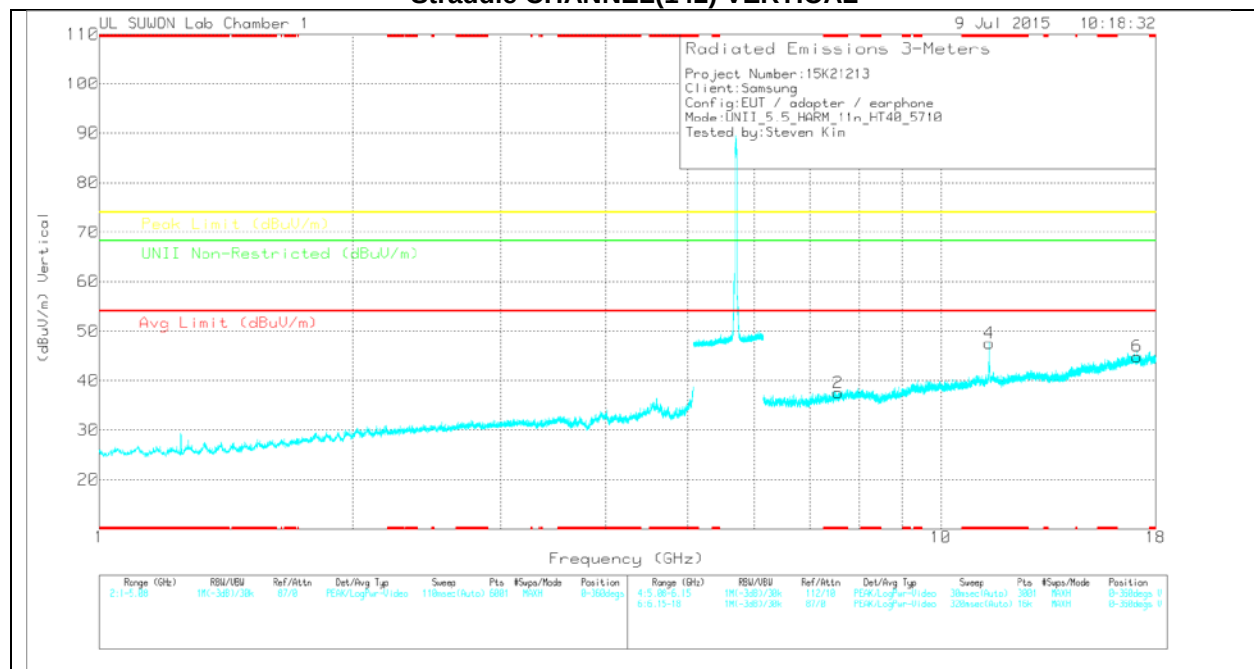
Marker	Frequency (GHz)	Meter Reading (dBm)	Det	3117(0016 8717)_150 619	Path_2_10 dB	Conversion Factor (dB)	DC Corr (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.85	-69.16	Pk	34.9	-18.9	11.8	0	-41.36	-17	-24.36	353	321	V
2	5.942	-65.18	Pk	34.9	-18.8	11.8	0	-37.28	-27	-10.28	353	321	V

Pk - Peak detector

Straddle CHANNEL(142) HORIZONTAL



Straddle CHANNEL(142) 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.

Straddle CHANNEL(142) DATA

TRACE MARKERS

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	3117(0016 8717)_150 619	Path_5_6G HP	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	UNII Non-Restricted (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 7.559	25.3	PK	35.9	-24.2	0	37	-	-	74	-37	-	-	0-360	200	H
3	* 11.42	26.71	PK	38.5	-20.8	0	44.41	-	-	74	-29.59	-	-	0-360	200	H
5	17.139	20.46	PK	41.3	-16.6	0	45.16	-	-	-	-	68.2	-23.04	0-360	200	H
2	* 7.546	25.93	PK	35.8	-24.2	0	37.53	-	-	74	-36.47	-	-	0-360	200	V
4	* 11.42	29.87	PK	38.5	-20.8	0	47.57	-	-	74	-26.43	-	-	0-360	100	V
6	17.128	20.17	PK	41.3	-16.6	0	44.87	-	-	-	-	68.2	-23.33	0-360	100	V

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

PK – Peak Detector

Radiated Emissions

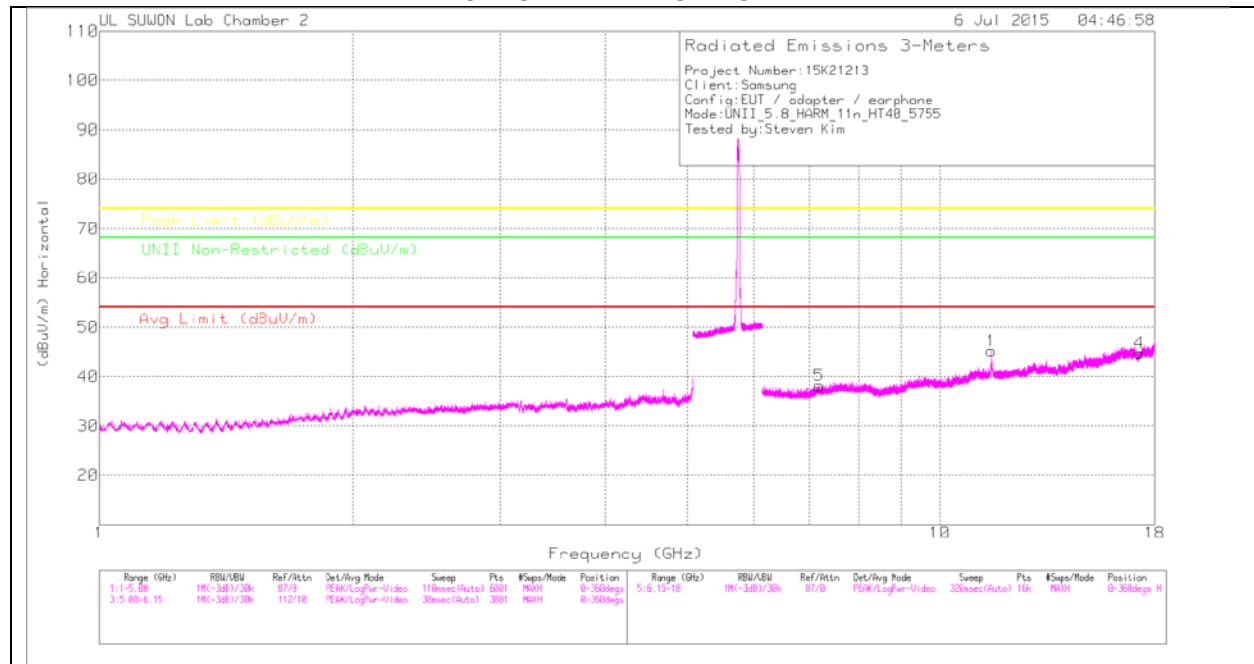
Frequency (GHz)	Meter Reading (dBuV)	Det	3117(001687 17)_150619	Path_5_6GH P	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	UNII Non-Restricted (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
* 11.416	36.2	PK1	38.5	-20.8	0	53.9	-	-	74	-20.1	-	-	109	278	H
* 11.421	25.34	AD1	38.6	-20.8	.62	43.76	54	-10.24	-	-	-	-	109	278	H
* 11.417	37.78	PK1	38.5	-20.8	0	55.48	-	-	74	-18.52	-	-	149	127	V
* 11.42	28.43	AD1	38.5	-20.8	.62	46.75	54	-7.25	-	-	-	-	149	127	V

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

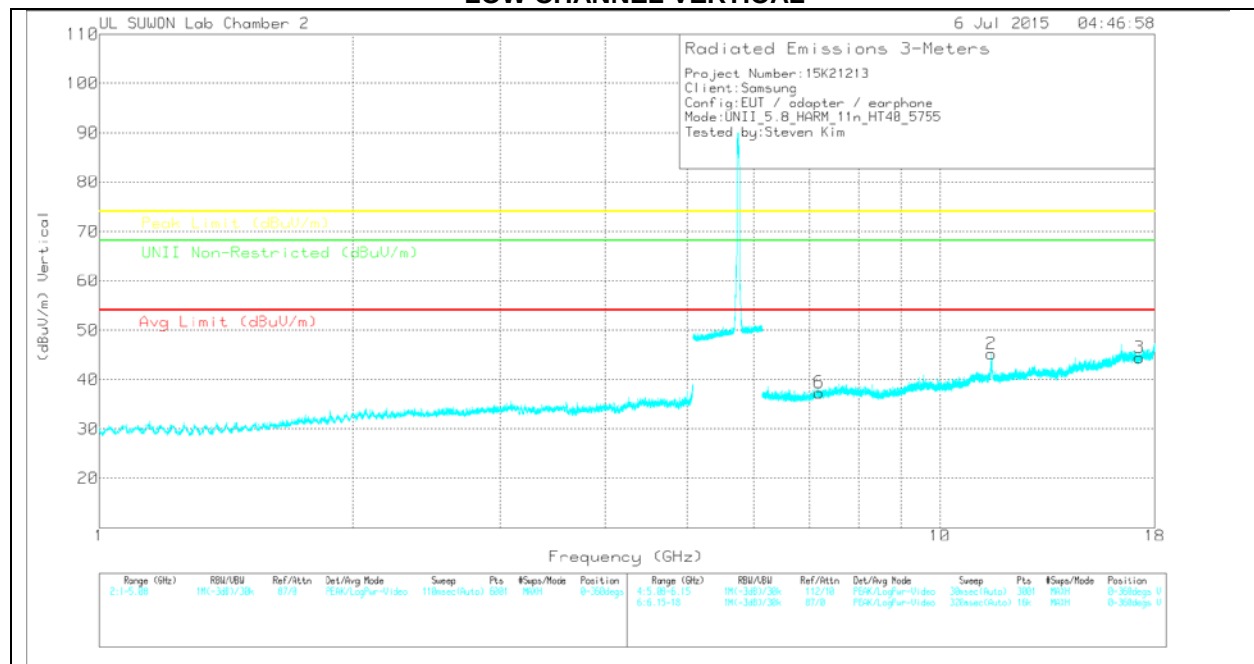
PK1 - KDB789033 Method: Peak

AD1 - KDB789033 Method: AD Primary Power Average

LOW CHANNEL HORIZONTAL



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	3117/00168724_150619	Path_5	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	UNII Non-Restricted (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 11.511	24.39	PK	38.3	-17.5	0	45.19	-	-	74	-28.81	-	-	0-360	200	H
4	17.263	18.72	PK	41.2	-15.2	0	44.72	-	-	-	-	68.2	-23.48	0-360	200	H
5	7.177	25.25	PK	35.7	-22.8	0	38.15	-	-	-	-	68.2	-30.05	0-360	100	H
2	* 11.509	24.44	PK	38.3	-17.5	0	45.24	-	-	74	-28.76	-	-	0-360	200	V
3	17.265	18.47	PK	41.2	-15.2	0	44.47	-	-	-	-	68.2	-23.73	0-360	200	V
6	7.174	24.46	PK	35.7	-22.8	0	37.36	-	-	-	-	68.2	-30.84	0-360	200	V

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

PK – Peak Detector

Radiated Emissions

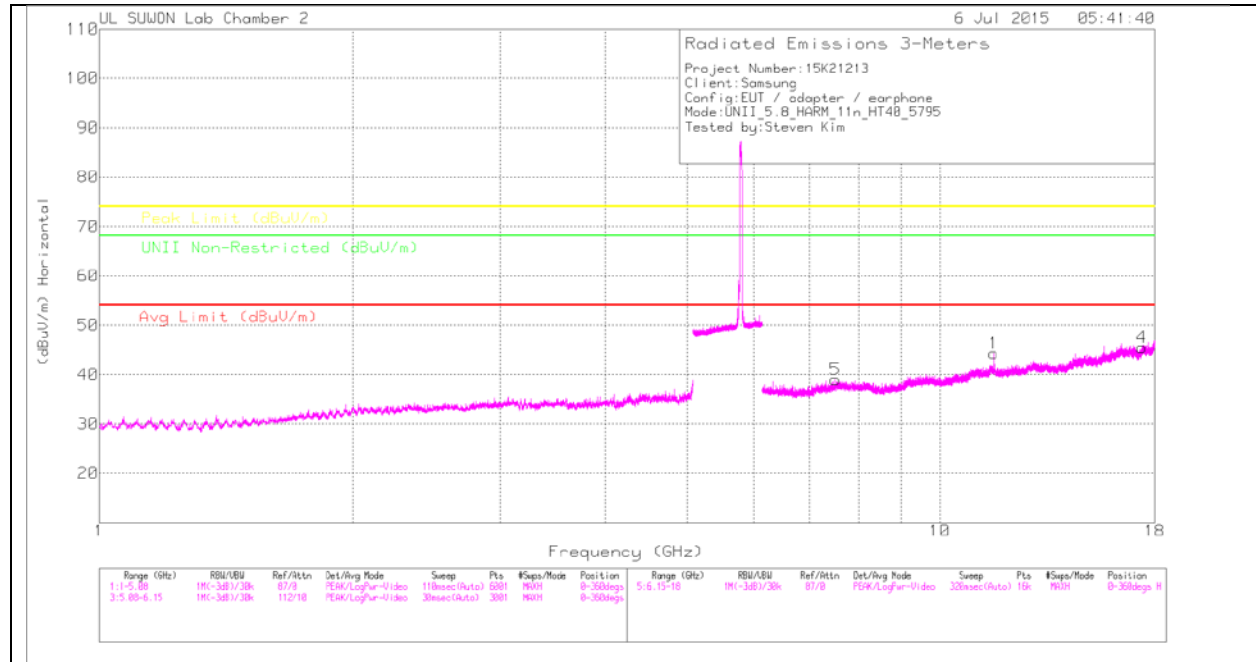
Frequency (GHz)	Meter Reading (dBuV)	Det	3117/00168724_150619	Path_5	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	UNII Non-Restricted (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
* 11.509	32.53	PK-U	38.3	-17.5	0	53.33	-	-	74	-20.67	-	-	190	386	H
* 11.51	20.25	ADR	38.3	-17.5	.62	41.67	54	-12.33	-	-	-	-	190	386	H
* 11.511	34.99	PK-U	38.3	-17.5	0	55.79	-	-	74	-18.21	-	-	156	275	V
* 11.511	24	ADR	38.3	-17.5	.62	45.42	54	-8.58	-	-	-	-	156	275	V

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

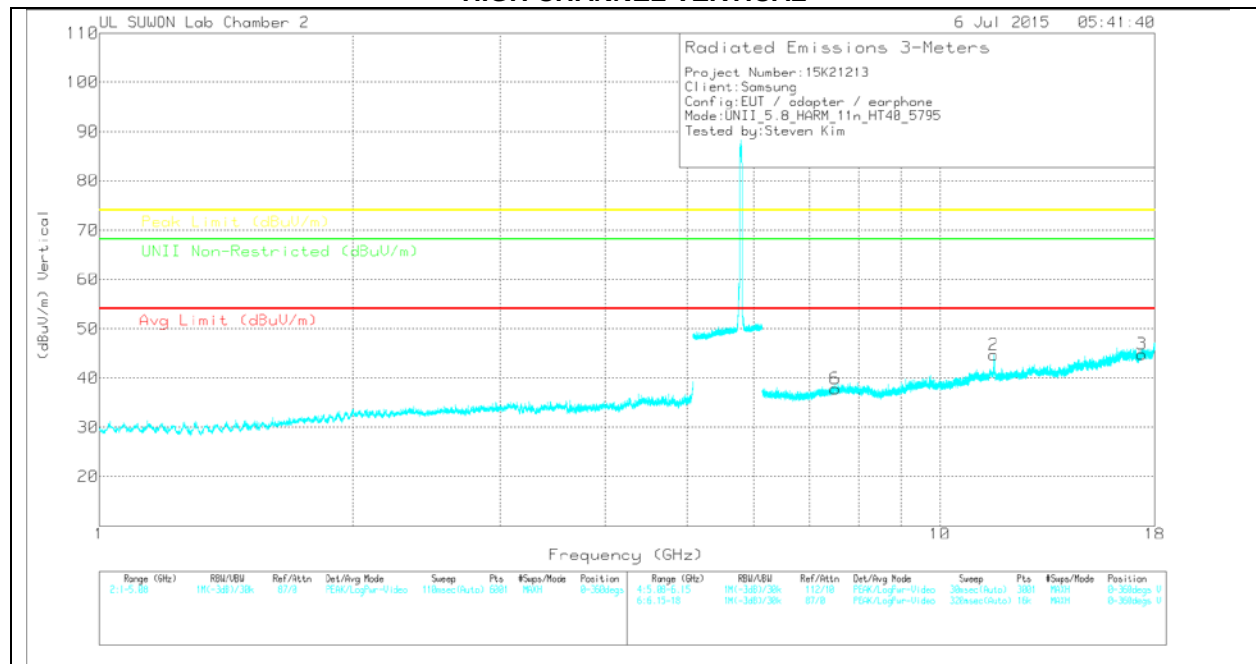
PK-U - U-NII: Maximum Peak

ADR - U-NII AD primary method, RMS average

HIGH CHANNEL HORIZONTAL



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	3117(0016 8724)_150 619	Path_5	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	UNII Non-Restricted (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 11.591	23.29	PK	38.4	-17.4	0	44.29	-	-	74	-29.71	-	-	0-360	200	H
4	17.387	19.19	PK	41.2	-14.9	0	45.49	-	-	-	-	68.2	-22.71	0-360	100	H
5	* 7.513	24.9	PK	36.1	-22	0	39	-	-	74	-35	-	-	0-360	100	H
2	* 11.591	23.71	PK	38.4	-17.4	0	44.71	-	-	74	-29.29	-	-	0-360	200	V
3	17.385	18.66	PK	41.2	-15	0	44.86	-	-	-	-	68.2	-23.34	0-360	200	V
6	* 7.512	23.74	PK	36.1	-22	0	37.84	-	-	74	-36.16	-	-	0-360	200	V

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

PK – Peak Detector

Radiated Emissions

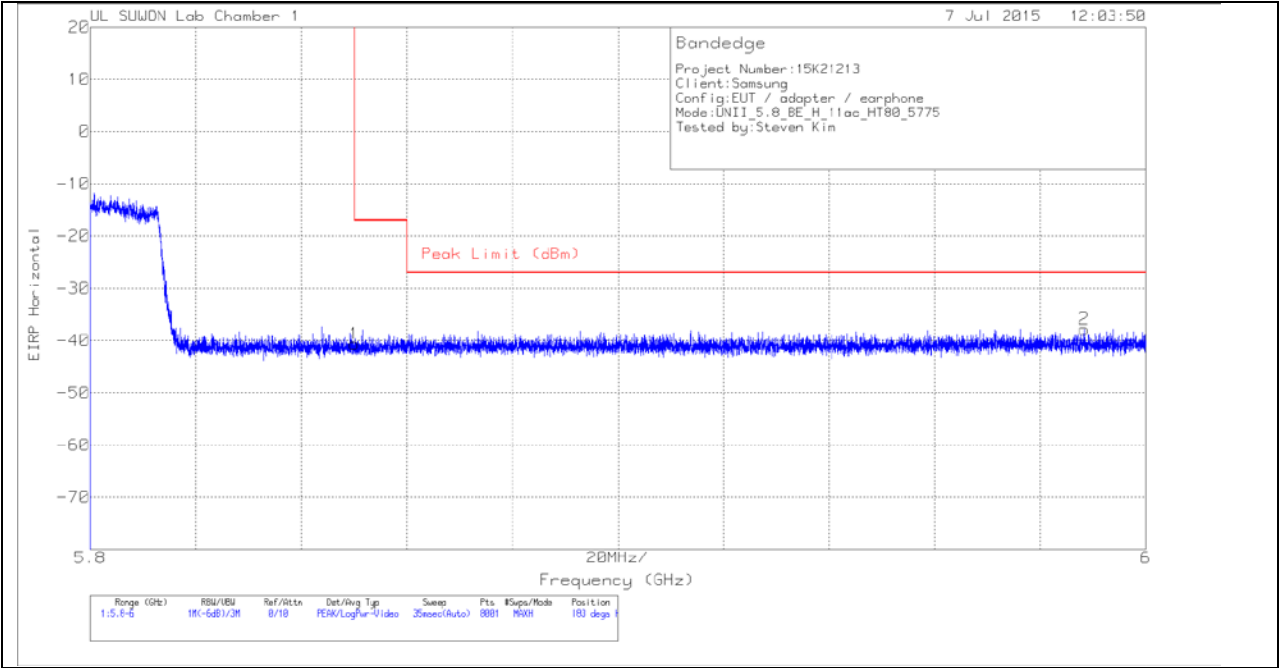
Frequency (GHz)	Meter Reading (dBuV)	Det	3117(0016872 4)_150619	Path_5	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	UNII Non-Restricted (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
* 11.587	33.87	PK-U	38.4	-17.4	0	54.87	-	-	74	-19.13	-	-	233	177	H
* 11.59	22.83	ADR	38.4	-17.4	.62	44.45	54	-9.55	-	-	-	-	233	177	H
* 11.584	33.98	PK-U	38.4	-17.4	0	54.98	-	-	74	-19.02	-	-	181	159	V
* 11.591	24.14	ADR	38.4	-17.4	.62	45.76	54	-8.24	-	-	-	-	181	159	V

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

PK-U - U-NII: Maximum Peak

ADR - U-NII AD primary method, RMS average

11.4.4. TX ABOVE 1GHz 802.11ac HT80 2TX CDD MODE IN THE 5.8GHz BAND
HARMONICS AND SPURIOUS EMISSIONS
HORIZONTAL PEAK PLOT



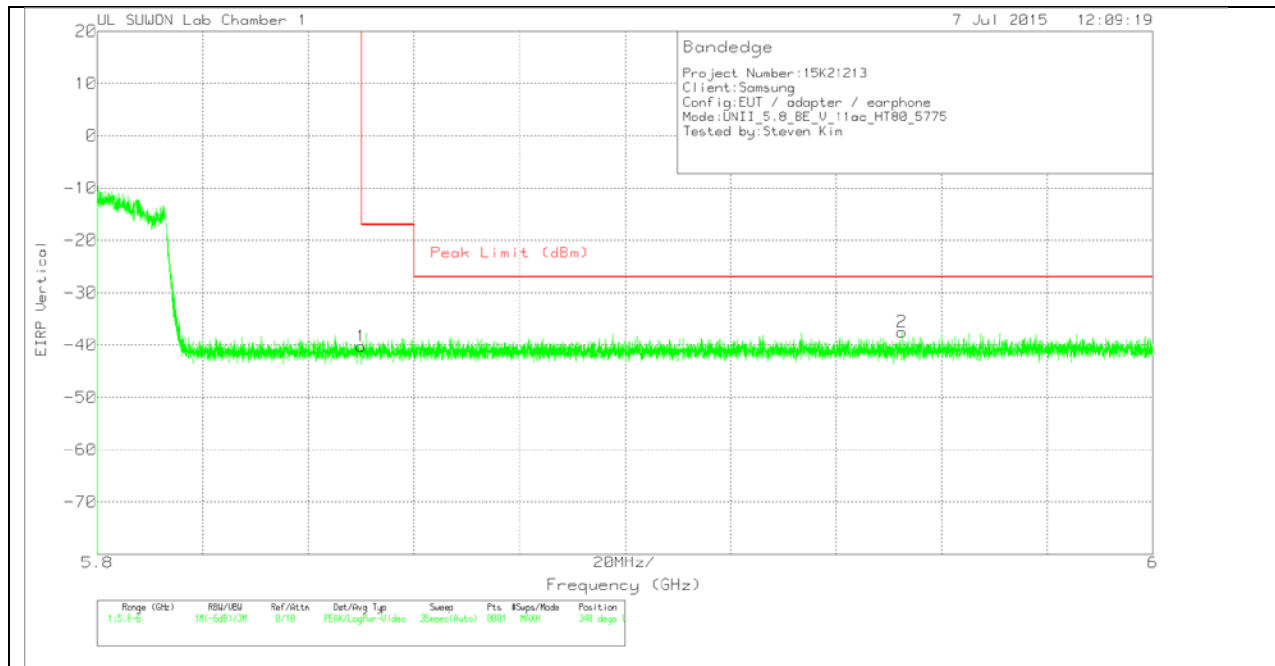
HORIZONTAL DATA

TRACE MARKERS

Marker	Frequency (GHz)	Meter Reading (dBm)	Det	3117(0016 8717)_150 619	Path_2_10 dB	Conversion Factor (dB)	DC Corr (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.85	-68.43	Pk	34.9	-18.9	11.8	0	-40.63	-17	-23.63	183	255	H
2	5.988	-65.89	Pk	34.9	-18.6	11.8	0	-37.79	-27	-10.79	183	255	H

Pk - Peak detector

VERTICAL PEAK PLOT



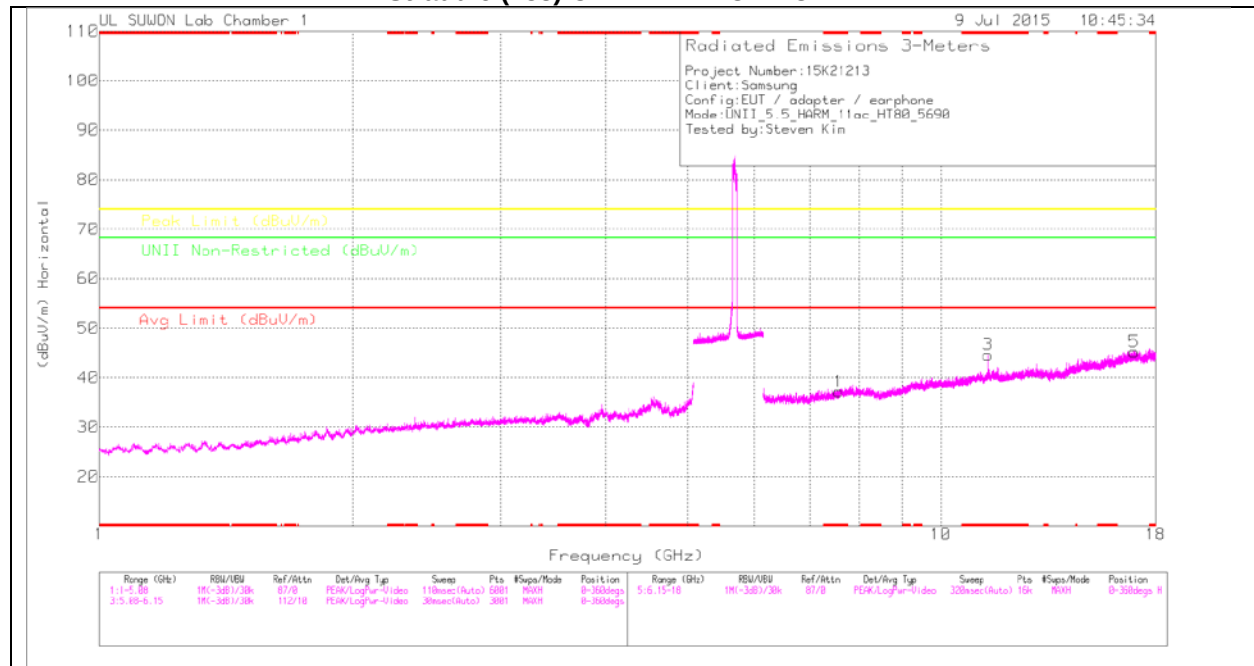
VERTICAL DATA

TRACE MARKERS

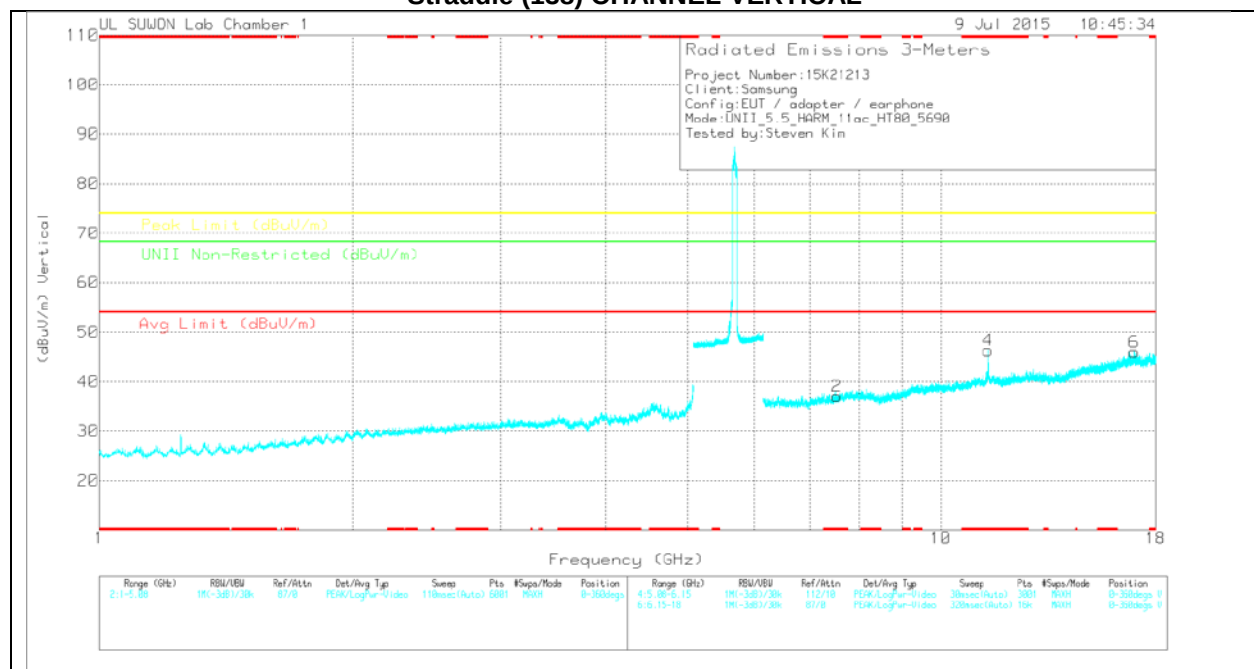
Marker	Frequency (GHz)	Meter Reading (dBm)	Det	3117(0016 8717)_150 619	Path_2_10 dB	Conversion Factor (dB)	DC Corr (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.85	-68.05	Pk	34.9	-18.9	11.8	0	-40.25	-17	-23.25	348	297	V
2	5.952	-65.49	Pk	34.9	-18.7	11.8	0	-37.49	-27	-10.49	348	297	V

Pk - Peak detector

Straddle (138) CHANNEL HORIZONTAL



Straddle (138) 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.

Straddle (138) CHANNEL DATA

TRACE MARKERS

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	3117(0016 8717)_150 619	Path_5_6G HP	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	UNII Non-Restricted (dBuV/m)	Margin (dB)	Asimuth (Degs)	Height (cm)	Polarity
1	* 7.562	25.56	PK	35.9	-24.3	0	37.16	-	-	74	-36.84	-	-	0-360	200	H
3	* 11.38	26.82	PK	38.5	-20.7	0	44.62	-	-	74	-29.38	-	-	0-360	200	H
5	16.99	19.91	PK	41.4	-16.1	0	45.21	-	-	-	-	68.2	-22.99	0-360	200	H
2	* 7.519	25.65	PK	35.8	-24.4	0	37.05	-	-	74	-36.95	-	-	0-360	100	V
4	* 11.38	28.5	PK	38.5	-20.7	0	46.3	-	-	74	-27.7	-	-	0-360	100	V
6	16.989	20.73	PK	41.4	-16.2	0	45.93	-	-	-	-	68.2	-22.27	0-360	100	V

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

PK – Peak detector

Radiated Emissions

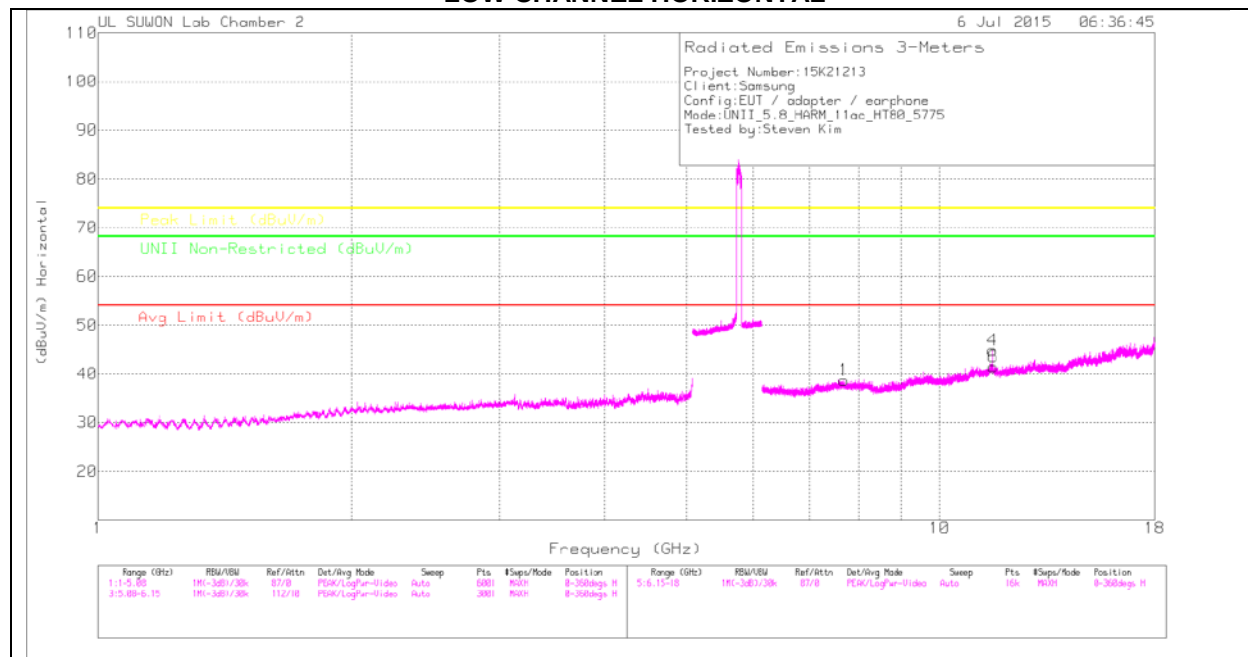
Frequency (GHz)	Meter Reading (dBuV)	Det	3117(001687 17)_150619	Path_5_6GHP	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	UNII Non-Restricted (dBuV/m)	Margin (dB)	Asimuth (Degs)	Height (cm)	Polarity
* 11.38	33.73	PK1	38.5	-20.7	0	51.53	-	-	74	-22.47	-	-	248	246	H
* 11.38	26.59	AD1	38.5	-20.7	1.16	45.55	54	-8.45	-	-	-	-	248	246	H
* 11.397	33.95	PK1	38.5	-20.8	0	51.65	-	-	74	-22.35	-	-	138	259	V
* 11.38	25.59	AD1	38.5	-20.7	1.16	44.55	54	-9.45	-	-	-	-	138	259	V

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

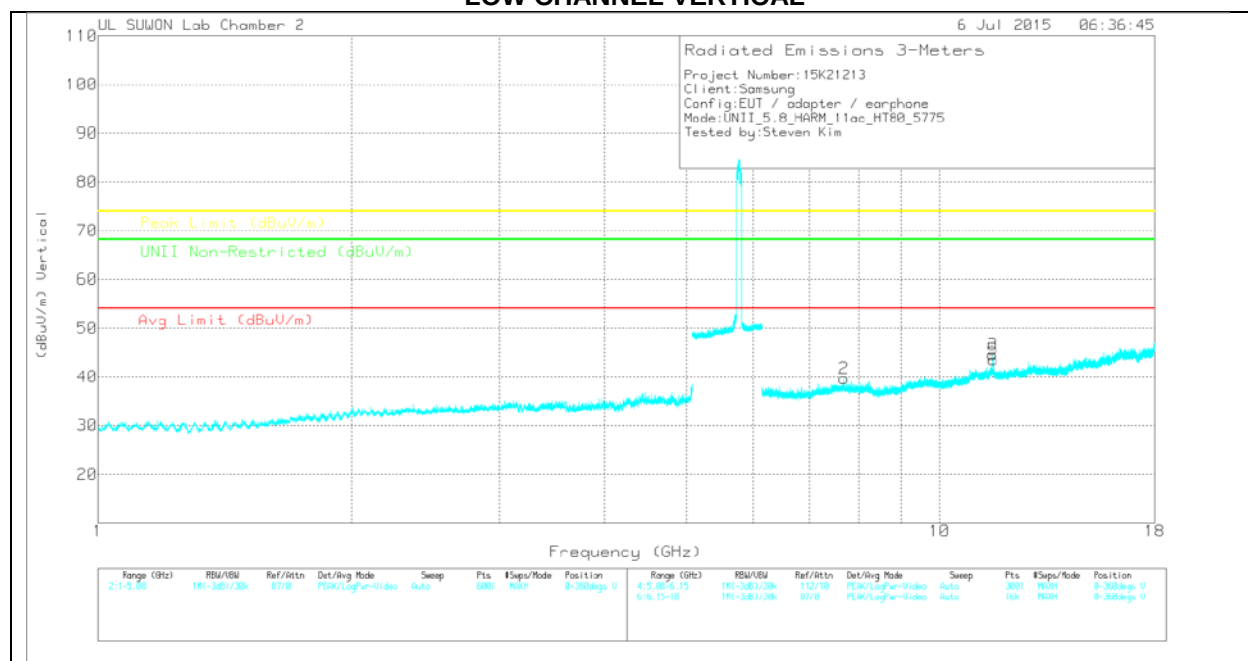
PK1 - KDB789033 Method: Peak

AD1 - KDB789033 Method: AD Primary Power Average

LOW CHANNEL HORIZONTAL



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	3117(00168 8724)_150 619	Path_5	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	UNII Non-Restricted (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 7.694	23.91	PK	36	-21.2	0	38.71	-	-	74	-35.29	-	-	0-360	200	H
4	* 11.55	24	PK	38.4	-17.5	0	44.9	-	-	74	-29.1	-	-	0-360	200	H
6	* 11.571	20.65	PK	38.4	-17.5	0	41.55	-	-	74	-32.45	-	-	0-360	200	H
2	* 7.691	24.93	PK	36	-21.2	0	39.73	-	-	74	-34.27	-	-	0-360	200	V
3	* 11.55	23.66	PK	38.4	-17.5	0	44.56	-	-	74	-29.44	-	-	0-360	200	V
5	* 11.571	22.69	PK	38.4	-17.5	0	43.59	-	-	74	-30.41	-	-	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	3117(00168 724)_15061 9	Path_5	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	UNII Non-Restricted (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
* 11.55	32.22	PK-U	38.4	-17.5	0	53.12	-	-	74	-20.88	-	-	89	140	H
* 11.55	22.56	ADR	38.4	-17.5	1.16	44.62	54	-9.38	-	-	-	-	89	140	H
* 11.57	30.58	PK-U	38.4	-17.5	0	51.48	-	-	74	-22.52	-	-	0	200	H
* 11.57	17.7	ADR	38.4	-17.5	1.16	39.76	54	-14.24	-	-	-	-	0	200	H
* 11.569	30.5	PK-U	38.4	-17.5	0	51.4	-	-	74	-22.6	-	-	68	220	V
* 11.57	16.16	ADR	38.4	-17.5	1.16	38.22	54	-15.78	-	-	-	-	68	220	V
* 11.55	30.91	PK-U	38.4	-17.5	0	51.81	-	-	74	-22.19	-	-	122	303	H
* 11.55	18.4	ADR	38.4	-17.5	1.16	40.46	54	-13.54	-	-	-	-	122	303	H

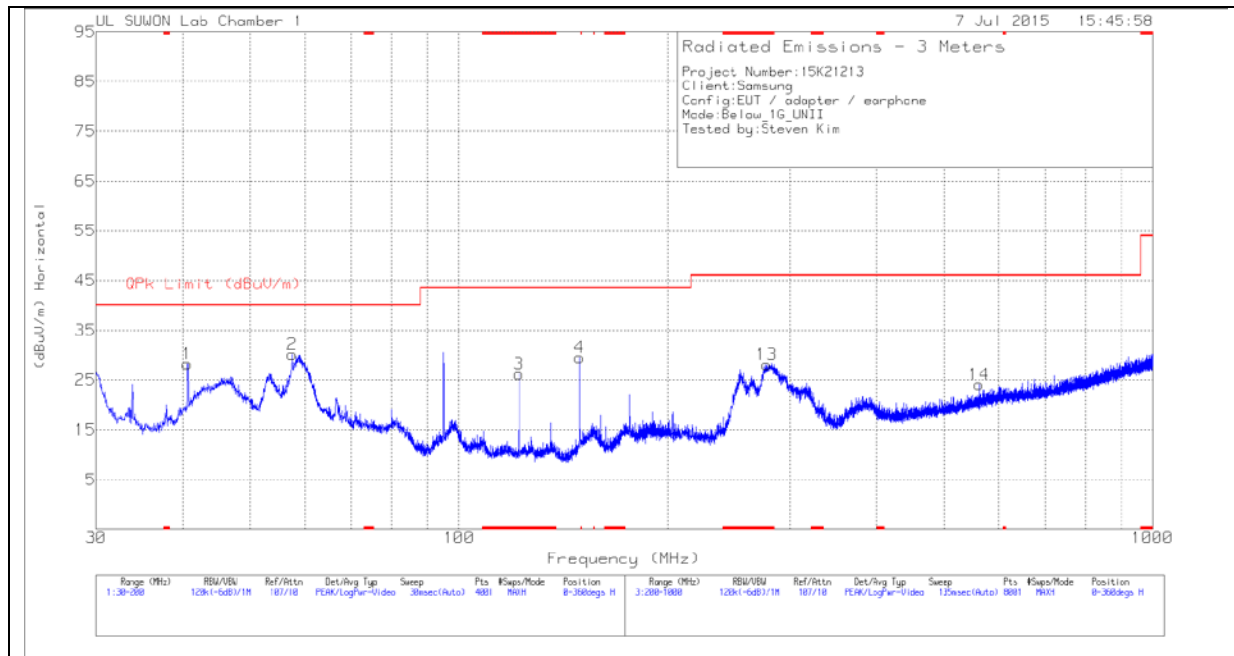
* - indicates frequency in CFR15.205/IC7.2.2 Restricted Band

PK-U - U-NII: Maximum Peak

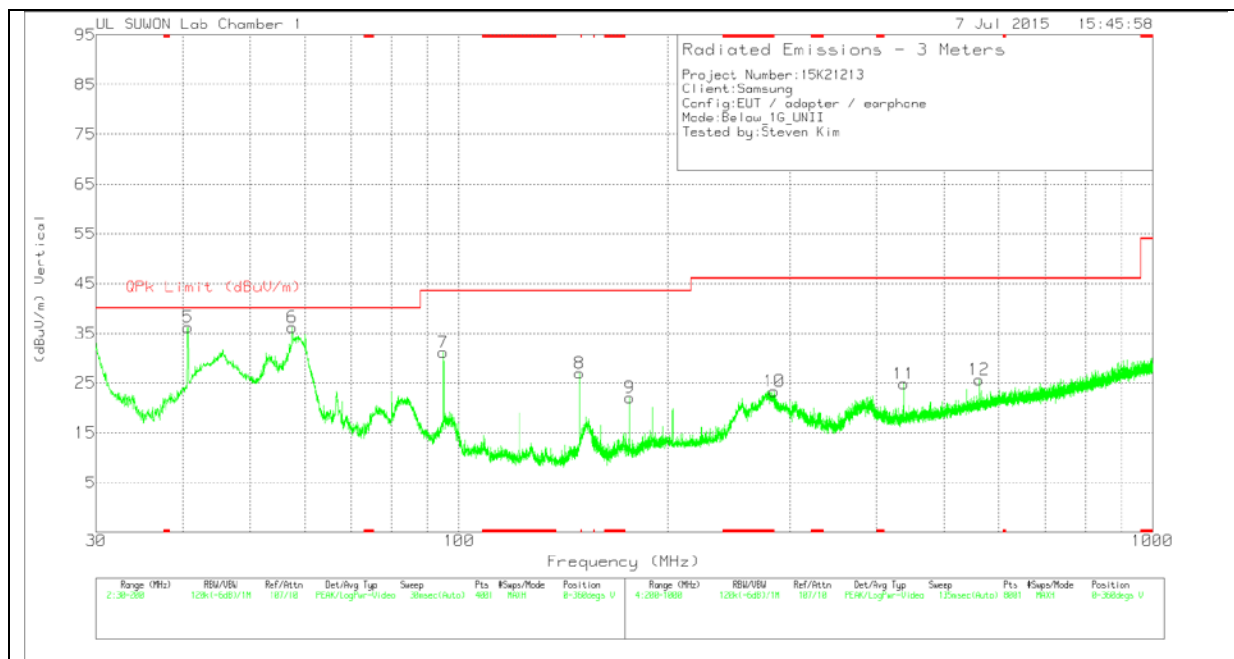
ADR - U-NII AD primary method, RMS average

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

TRACE MARKERS

Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	VULB9163-750	Bi-Log	DC Corr (dB)	Corrected Reading (dBuV/m)	QPk Limit (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	40.625	46.01	Pk	12.6	-30.3	0	28.31	40	-11.69	0-360	300	H
2	57.4975	47.14	Pk	13	-30	0	30.14	40	-9.86	0-360	400	H
3	* 122.055	45.39	Pk	9.8	-29	0	26.19	43.52	-17.33	0-360	200	H
4	149.17	50.02	Pk	8.1	-28.6	0	29.52	43.52	-14	0-360	300	H
5	40.6675	53.98	Pk	12.6	-30.3	0	36.28	40	-3.72	0-360	100	V
6	57.455	53.22	Pk	13	-30	0	36.22	40	-3.78	0-360	200	V
7	94.94	49.96	Pk	10.5	-29.3	0	31.16	43.52	-12.36	0-360	100	V
8	149.17	47.5	Pk	8.1	-28.6	0	27	43.52	-16.52	0-360	100	V
9	176.3275	41.22	Pk	9.2	-28.4	0	22.02	43.52	-21.5	0-360	100	V
13	* 277.7	42.86	Pk	12.9	-27.6	0	28.16	46.02	-17.86	0-360	100	H
14	562.6	31.7	Pk	18.4	-26	0	24.1	46.02	-21.92	0-360	300	H
10	* 284.9	37.98	Pk	13	-27.6	0	23.38	46.02	-22.64	0-360	200	V
11	437.5	35.31	Pk	16.1	-26.6	0	24.81	46.02	-21.21	0-360	100	V
12	562.6	33.28	Pk	18.4	-26	0	25.68	46.02	-20.34	0-360	100	V

* - indicates frequency in CFR15.205/IC7.2.2 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 C63.10.

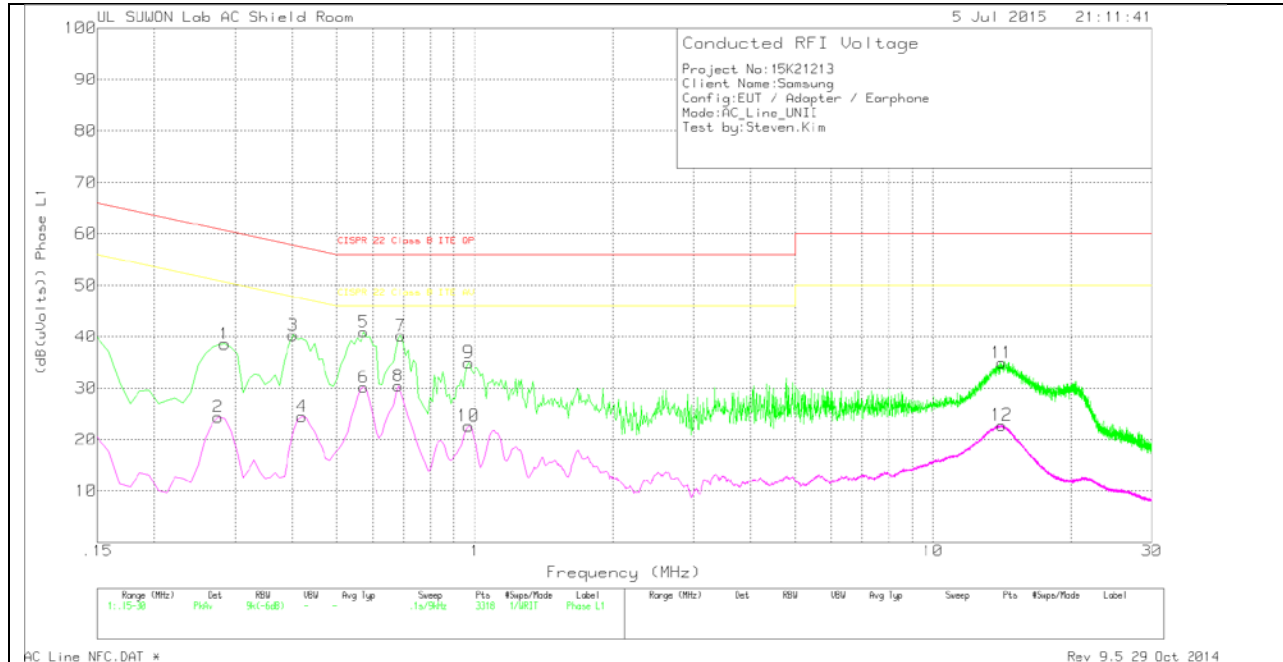
The receiver is set to a resolution bandwidth of 9 kHz. Peak detection is used unless otherwise noted as quasi-peak or average.

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

RESULTS

6 WORST EMISSIONS

LINE 1 PLOT



LINE 1 RESULTS

TRACE MARKERS

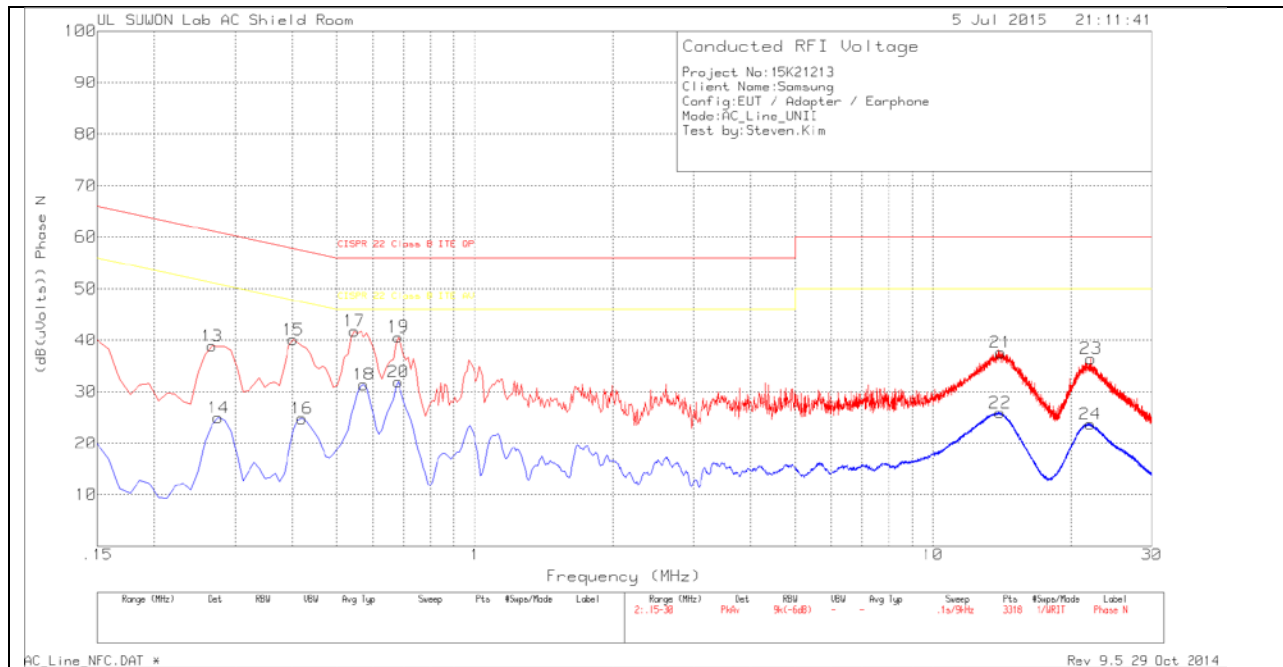
Phase L1 .15 - 30MHz

Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	101837_w ith ex-cord_L1	CE Shield Room	Corrected Reading (dBuV)	CISPR 22 Class B ITE QP	Margin (dB)	CISPR 22 Class B ITE AV	Margin (dB)
1	.285	28.77	Pk	9.8	0	38.57	60.67	-22.1	-	-
2	.276	14.57	Av	9.8	0	24.37	-	-	50.94	-26.57
3	.402	30.18	Pk	10.1	0	40.28	57.81	-17.53	-	-
4	.42	14.36	Av	10.1	0	24.46	-	-	47.45	-22.99
5	.573	30.81	Pk	10.1	0	40.91	56	-15.09	-	-
6	.573	20.06	Av	10.1	0	30.16	-	-	46	-15.84
7	.69	30.06	Pk	10.1	0	40.16	56	-15.84	-	-
8	.681	20.31	Av	10.1	0	30.41	-	-	46	-15.59
9	.969	25.07	Pk	9.9	0	34.97	56	-21.03	-	-
10	.969	12.73	Av	9.9	0	22.63	-	-	46	-23.37
11	14.1225	24.66	Pk	10.1	.2	34.96	60	-25.04	-	-
12	14.118	12.46	Av	10.1	.2	22.76	-	-	50	-27.24

Pk - Peak detector

Av - Average detection

LINE 2 PLOT



LINE 2 RESULTS

TRACE MARKERS

Phase N .15 - 30MHz

Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	101837_w ith ex-cord_N	CE Shield Room	Corrected Reading (dBuV)	CISPR 22 Class B ITE QP	Margin (dB)	CISPR 22 Class B ITE AV	Margin (dB)
13	.267	29.14	Pk	9.7	0	38.84	61.21	-22.37	-	-
14	.276	15.09	Av	9.8	0	24.89	-	-	50.94	-26.05
15	.402	29.95	Pk	10.1	0	40.05	57.81	-17.76	-	-
16	.42	14.66	Av	10.1	0	24.76	-	-	47.45	-22.69
17	.546	31.71	Pk	10.1	0	41.81	56	-14.19	-	-
18	.573	21.25	Av	10.1	0	31.35	-	-	46	-14.65
19	.681	30.62	Pk	10	0	40.62	56	-15.38	-	-
20	.681	21.87	Av	10	0	31.87	-	-	46	-14.13
21	14.055	27.09	Pk	10.3	.2	37.59	60	-22.41	-	-
22	14.01	15.39	Av	10.3	.2	25.89	-	-	50	-24.11
23	22.11	25.5	Pk	10.7	.2	36.4	60	-23.6	-	-
24	22.065	12.81	Av	10.7	.2	23.71	-	-	50	-26.29

Pk - Peak detector

Av - Average detection

14. DYNAMIC FREQUENCY SELECTION

14.1. OVERVIEW

14.1.1. LIMITS

INDUSTRY CANADA

IC RSS-210 is closely harmonized with FCC Part 15 DFS rules. The deviations are as follows:

RSS-210 Issue 8 A9.3

Note: For the band 5600–5650 MHz, no operation is permitted.

Until further notice, devices subject to this annex shall not be capable of transmitting in the band 5600–5650 MHz. This restriction is for the protection of Environment Canada weather radars operating in this band.

FCC

§15.407 (h), FCC KDB 905462 D02 “COMPLIANCE MEASUREMENT PROCEDURES FOR UNLICENSED-NATIONAL INFORMATION INFRASTRUCTURE DEVICES OPERATING IN THE 5250-5350 MHz AND 5470-5725 MHz BANDS INCORPORATING DYNAMIC FREQUENCY SELECTION” and KDB 905462 D03 “U-NII CLIENT DEVICES WITHOUT RADAR DETECTION CAPABILITY”.

Table 1: Applicability of DFS requirements prior to use of a channel

Requirement	Operational Mode		
	Master	Client (without radar detection)	Client (with radar detection)
Non-Occupancy Period	Yes	Not required	Yes
DFS Detection Threshold	Yes	Not required	Yes
Channel Availability Check Time	Yes	Not required	Not required
U-NII Detection Bandwidth	Yes	Not required	Yes

Table 2: Applicability of DFS requirements during normal operation

Requirement	Operational Mode		
	Master	Client (without DFS)	Client (with DFS)
DFS Detection Threshold	Yes	Not required	Yes
Channel Closing Transmission Time	Yes	Yes	Yes
Channel Move Time	Yes	Yes	Yes
U-NII Detection Bandwidth	Yes	Not required	Yes

Additional requirements for devices with multiple bandwidth modes	Master Device or Client with Radar DFS	Client (without DFS)
U-NII Detection Bandwidth and Statistical Performance Check	All BW modes must be tested	Not required
Channel Move Time and Channel Closing Transmission Time	Test using widest BW mode available	Test using the widest BW mode available for the link
All other tests	Any single BW mode	Not required
Note: Frequencies selected for statistical performance check (Section 7.8.4) should include several frequencies within the radar detection bandwidth and frequencies near the edge of the radar detection bandwidth. For 802.11 devices it is suggested to select frequencies in all 20 MHz channel blocks and a null frequency between the bonded 20 MHz channel blocks.		

Table 3: Interference Threshold values, Master or Client incorporating In-Service Monitoring

Maximum Transmit Power	Value (see notes)
E.I.R.P. $\geq$ 200 mill watt	-64 dBm
E.I.R.P. $<$ 200 mill watt and power spectral density $<$ 10 dBm/MHz	-62 dBm
E.I.R.P. $<$ 200 mill watt that do not meet power spectral density requirement	-64 dBm
Note 1: This is the level at the input of the receiver assuming a 0 dBi receive antenna Note 2: Throughout these test procedures an additional 1 dB has been added to the amplitude of the test transmission waveforms to account for variations in measurement equipment. This will ensure that the test signal is at or above the detection threshold level to trigger a DFS response. Note 3: E.I.R.P. is based on the highest antenna gain. For MIMO devices refer to KDB publication 662911 D01.	

Table 4: DFS Response requirement values

Parameter	Value
<i>Non-occupancy period</i>	30 minutes
<i>Channel Availability Check Time</i>	60 seconds
<i>Channel Move Time</i>	10 seconds (See Note 1)
<i>Channel Closing Transmission Time</i>	200 milliseconds + approx. 60 milliseconds over remaining 10 second period. (See Notes 1 and 2)
<i>U-NII Detection Bandwidth</i>	Minimum 100% of the U- NII 99% transmission power bandwidth. (See Note 3)
Note 1: <i>Channel Move Time</i> and the <i>Channel Closing Transmission Time</i> should be performed with Radar Type 0. The measurement timing begins at the end of the Radar Type 0 burst. Note 2: The <i>Channel Closing Transmission Time</i> is comprised of 200 milliseconds starting at the beginning of the <i>Channel Move Time</i> plus any additional intermittent control signals required to facilitate a <i>Channel</i> move (an aggregate of 60 milliseconds) during the remainder of the 10 second period. The aggregate duration of control signals will not count quiet periods in between transmissions. Note 3: During the <i>U-NII Detection Bandwidth</i> detection test, radar type 0 should be used. For each frequency step the minimum percentage of detection is 90 percent. Measurements are performed with no data traffic.	

Table 5 – Short Pulse Radar Test Waveforms

Radar Type	Pulse Width (usec)	PRI (usec)	Pulses	Minimum Percentage of Successful Detection	Minimum Trials
0	1	1428	18	See Note 1	See Note 1
1	1	Test A: 15 unique PRI values randomly selected from the list of 23 PRI values in table 5a	Roundup: $\{(1/360) \times (19 \times 10^6 \text{ PRI}_{\text{usec}})\}$	60%	30
		Test B: 15 unique PRI values randomly selected within the range of 518-3066 usec. With a minimum increment of 1 usec, excluding PRI values selected in Test A			
2	1-5	150-230	23-29	60%	30
3	6-10	200-500	16-18	60%	30
4	11-20	200-500	12-16	60%	30
Aggregate (Radar Types 1-4)				80%	120
Note 1: Short Pulse Radar Type 0 should be used for the <i>Detection Bandwidth</i> test, <i>Channel Move Time</i> , and <i>Channel Closing Time</i> tests.					

Table 6 – Long Pulse Radar Test Signal

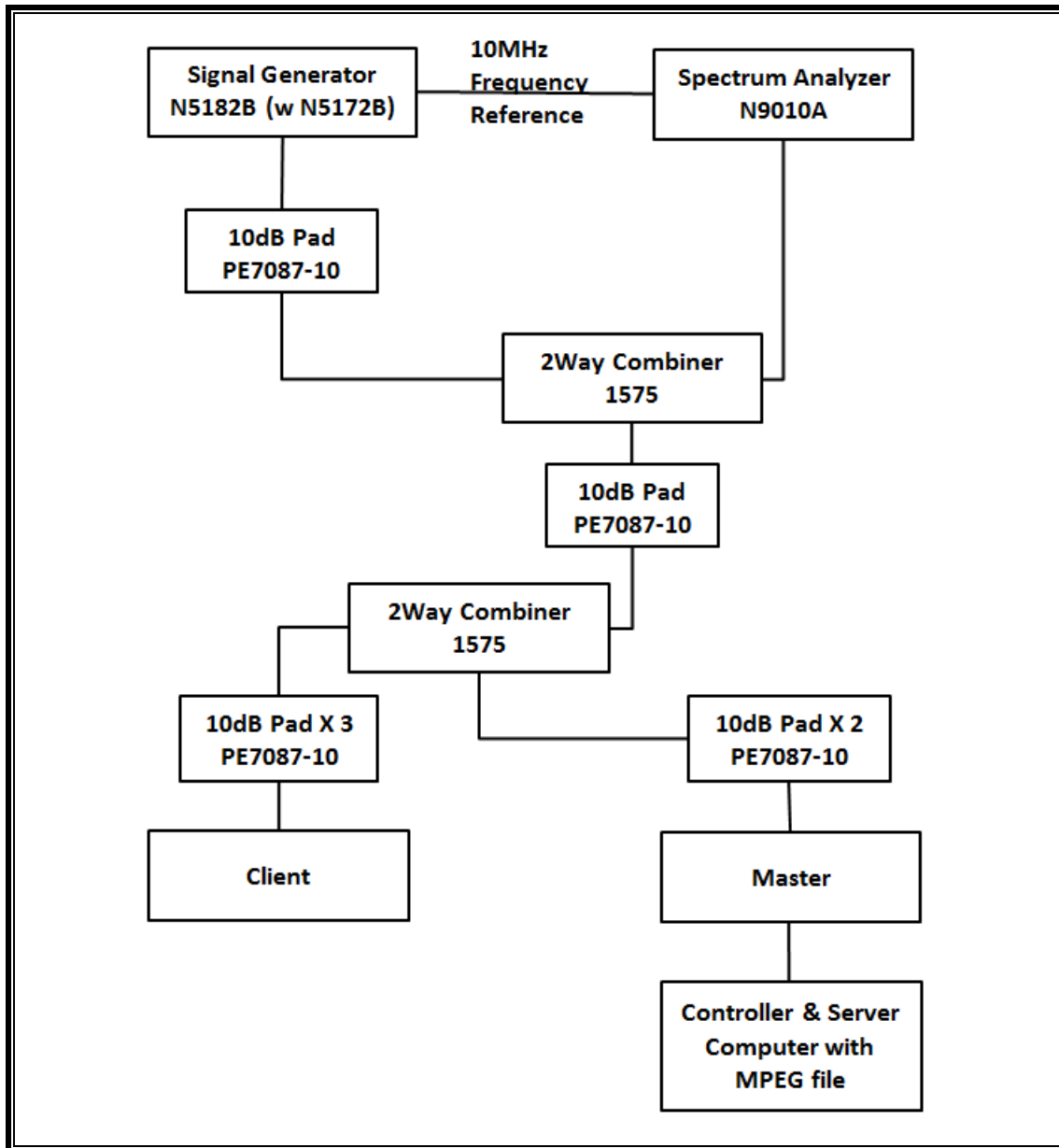
Radar Waveform Type	Pulse Width (μsec)	Chirp Width (MHz)	PRI (μsec)	Pulses per Burst	Number of Bursts	Minimum Percentage of Successful Detection	Minimum Trials
5	50-100	5-20	1000-2000	1-3	8-20	80%	30

Table 7 – Frequency Hopping Radar Test Signal

Radar Waveform Type	Pulse Width (μsec)	PRI (μsec)	Pulses per Hop	Hopping Rate (kHz)	Hopping Sequence Length (msec)	Minimum Percentage of Successful Detection	Minimum Trials
6	1	333	9	0.333	300	70%	30

14.1.1. TEST AND MEASUREMENT SYSTEM

CONDUCTED METHOD SYSTEM BLOCK DIAGRAM



SYSTEM OVERVIEW

The short pulse and long pulse signal generating system utilizes the Keysite Signal Studio for Pulse Building as N5172B. The Vector Signal Generator has been validated by the NTIA. The hopping signal generating system utilizes the CCS simulated hopping method and system, which has been validated by the DoD, FCC and NTIA. The software selects waveform parameters from within the bounds of the signal type on a random basis using uniform distribution.

The short pulse types 1, 2, 3 and 4, and the long pulse type 5 parameters are randomized at run-time.

The hopping type 6 pulse parameters are fixed while the hopping sequence is based on the August 2005 NTIA Hopping Frequency List. The initial starting point randomized at run-time and each subsequent starting point is incremented by 475. Each frequency in the 100-length segment is compared to the boundaries of the EUT Detection Bandwidth and the software creates a hopping burst pattern in accordance with Section 7.4.1.3 Method #2 Simulated Frequency Hopping Radar Waveform Generating Subsystem of KDB 905462 D02. The frequency of the signal generator is incremented in 1 MHz steps from F_L to F_H for each successive trial. This incremental sequence is repeated as required to generate a minimum of 30 total trials and to maintain a uniform frequency distribution over the entire Detection Bandwidth.

The signal monitoring equipment consists of a spectrum analyzer. The aggregate ON time is calculated by multiplying the number of bins above a threshold during a particular observation period by the dwell time per bin, with the analyzer set to peak detection and max hold.

SYSTEM CALIBRATION

A 50-ohm load is connected in place of the spectrum analyzer, and the spectrum analyzer is connected to a horn antenna via a coaxial cable, with the reference level offset set to (horn antenna gain – coaxial cable loss). The signal generator is set to CW mode. The amplitude of the signal generator is adjusted to yield a level of –64 dBm as measured on the spectrum analyzer.

Without changing any of the instrument settings, the spectrum analyzer is reconnected to the Common port of the Spectrum Analyzer Combiner/Divider. The Reference Level Offset of the spectrum analyzer is adjusted so that the displayed amplitude of the signal is –64 dBm.

The spectrum analyzer displays the level of the signal generator as received at the antenna ports of the Master Device. The interference detection threshold may be varied from the calibrated value of –64 dBm and the spectrum analyzer will still indicate the level as received by the Master Device.

ADJUSTMENT OF DISPLAYED TRAFFIC LEVEL

A link is established between the Master and Slave and the distance between the units is adjusted as needed to provide a suitable received level at the Master and Slave devices. The video test file is streamed to generate WLAN traffic. The monitoring antenna is adjusted so that the WLAN traffic level, as displayed on the spectrum analyzer, is at lower amplitude than the radar detection threshold.

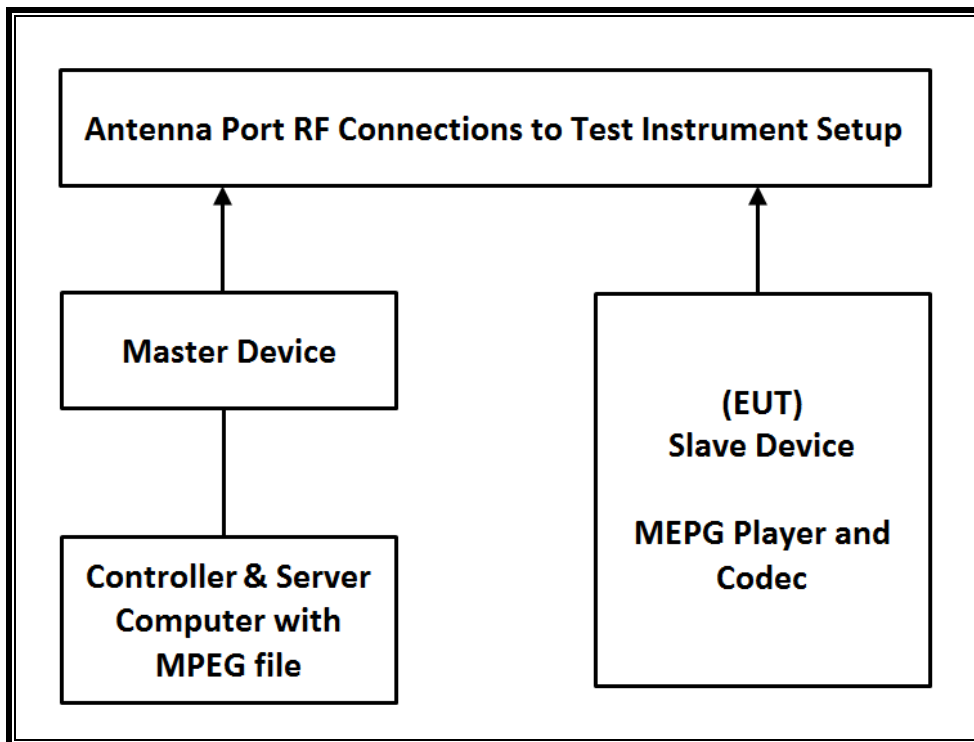
TEST AND MEASUREMENT EQUIPMENT

The following test and measurement equipment was utilized for the DFS tests documented in this report:

TEST EQUIPMENT LIST				
Description	Manufacturer	Model	S/N	Cal Due
Spectrum Analyzer, 7 GHz	Agilent / HP	N9010A	MY54200580	09-23-15
Vector Signal Generator, 6GHz	Agilent / HP	N5182B	MY53051241	09-23-15

14.1.2. SETUP OF EUT

CONDUCTED METHOD EUT TEST SETUP



SUPPORT EQUIPMENT

The following support equipment was utilized for the DFS tests documented in this report:

PERIPHERAL SUPPORT EQUIPMENT LIST				
Description	Manufacturer	Model	Serial Number	FCC ID
Wireless Access Point	Cisco	AIR-CAP3702E-A-K9	FTX182276QX	LDK102087
Notebook PC (Controller/Server)	HP	HP EliteDesk 800 G1 TWR	CZC4125J25	DoC

14.1.3. DESCRIPTION OF EUT

The EUT operates over the 5250-5350 MHz and 5470-5725 MHz ranges.

The EUT is a Slave Device without Radar Detection.

The highest power level within these bands is 15.45 dBm in the 5250-5350 MHz band and 15.69 dBm in the 5470-5725 MHz band.

The antenna assembly utilized two antenna with the EUT one is 2.58 dBi, and the other is -3.08 dBi.

The rated output power of the Master unit is > 23dBm (EIRP). Therefore the required interference threshold level is -64 dBm. After correction for procedural adjustments, the required conducted threshold at the antenna port is $-64 + 1 = -63$ dBm.

The calibrated radiated DFS Detection Threshold level is set to -64 dBm. The tested level is lower than the required level hence it provides a margin to the limit.

The EUT uses one transmitter/receiver chain connected to an antenna to perform radiated tests.

WLAN traffic that meets or exceeds the minimum required loading was generated by transferring a data stream from the controller/server PC to the EUT using iPerf version 2.0.5 software package.

TPC is not required since the maximum EIRP is less than 500 mW (27 dBm).

The EUT utilizes the 802.11ac architecture. Three nominal channel bandwidths are implemented: 20 MHz, 40 MHz and 80 MHz.

The software installed in the access point is 12.4(25d)JA1.

UNIFORM CHANNEL SPREADING

This requirement is not applicable to Slave radio devices.

OVERVIEW OF MASTER DEVICE WITH RESPECT TO §15.407 (h) REQUIREMENTS

The Master Device is a Cisco Access Point, FCC ID: LDK102087. The minimum antenna gain for the Master Device is 6 dBi.

The rated output power of the Master unit is > 23dBm (EIRP). Therefore the required interference threshold level is -64 dBm. After correction for procedural adjustments, the required radiated threshold at the antenna port is $-64 + 1 = -63$ dBm.

The calibrated radiated DFS Detection Threshold level is set to -64 dBm. The tested level is lower than the required level hence it provides a margin to the limit.

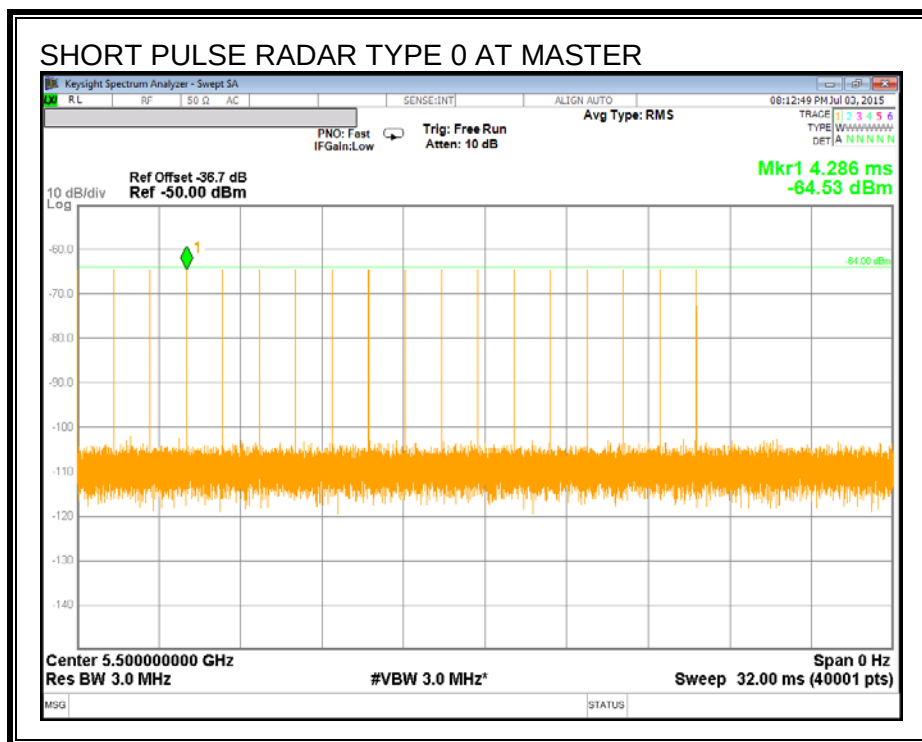
14.2. RESULTS FOR 20 MHz BANDWIDTH

14.2.1. TEST CHANNEL

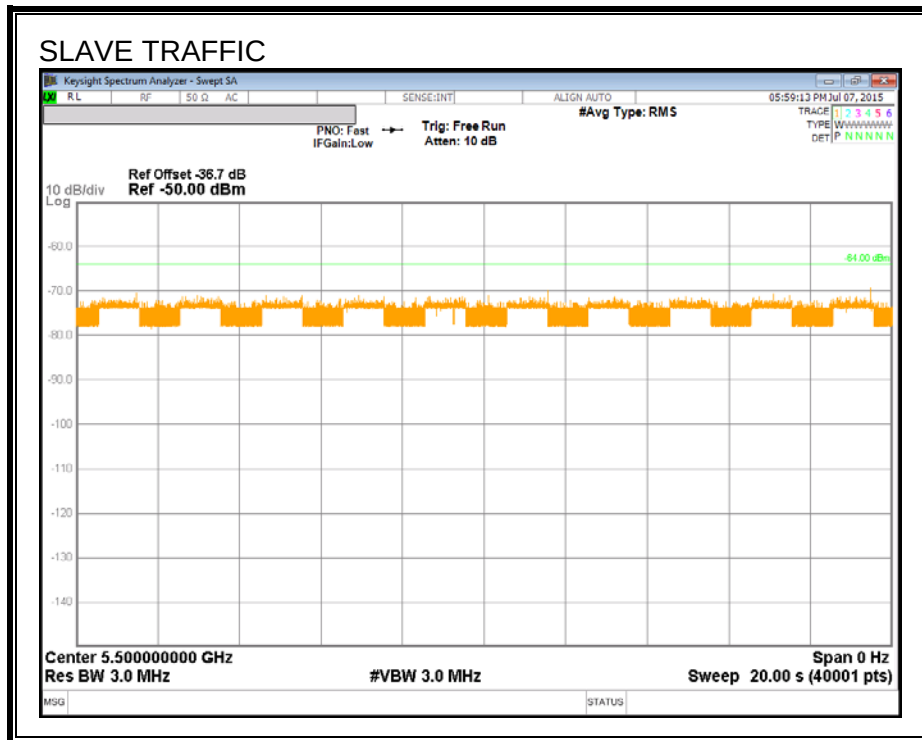
All tests were performed at a channel center frequency of 5500 MHz.

14.2.2. RADAR WAVEFORM AND TRAFFIC

RADAR WAVEFORM



TRAFFIC



14.2.3. OVERLAPPING CHANNEL TESTS

RESULTS

These tests are not applicable.

14.2.4. MOVE AND CLOSING TIME

REPORTING NOTES

The reference marker is set at the end of last radar pulse.

The delta marker is set at the end of the last WLAN transmission following the radar pulse. This delta is the channel move time.

The aggregate channel closing transmission time is calculated as follows:

Aggregate Transmission Time =
(Number of analyzer bins showing transmission) * (dwell time per bin)

The observation period over which the aggregate time is calculated begins at (Reference Marker + 200 msec) and ends no earlier than (Reference Marker + 10 sec).

RESULTS

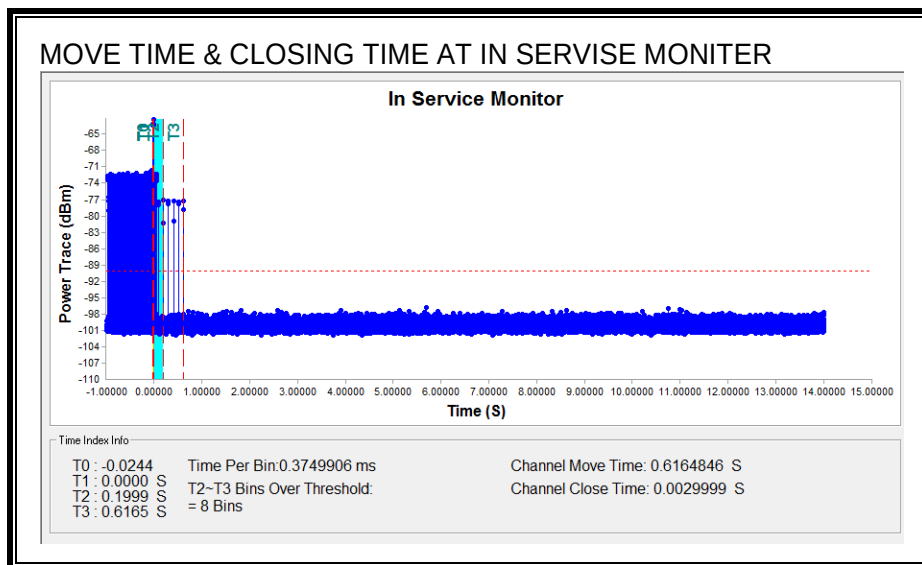
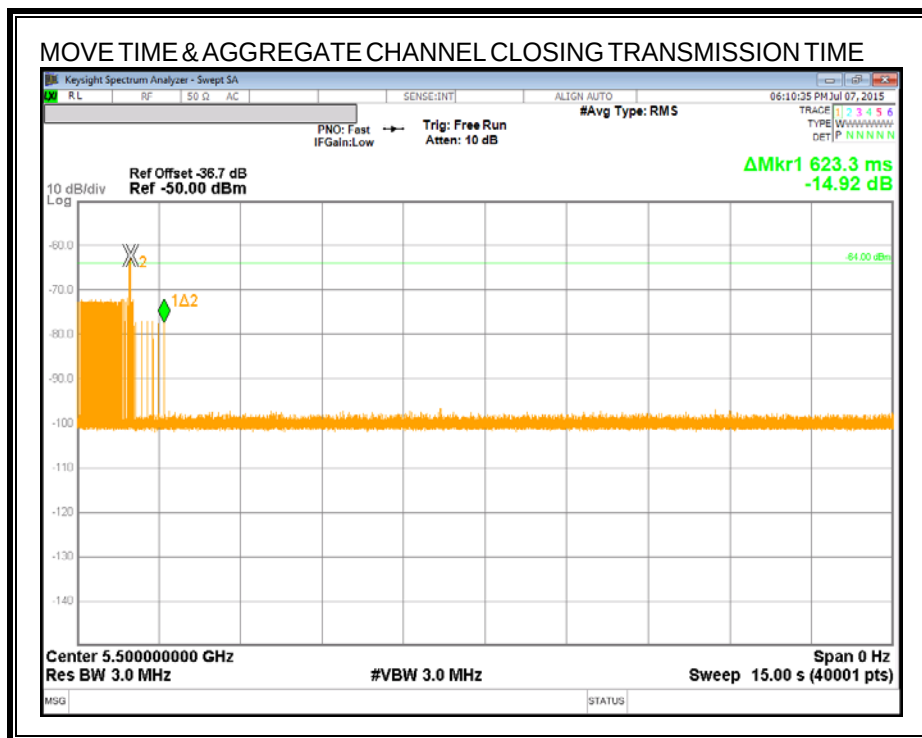
Channel Move Time (sec)	Limit (sec)
0.616	10

Aggregate Channel Closing Transmission Time (msec)	Limit (msec)
3.000	60

MOVE TIME & CHANNEL CLOSING TIME

AGGREGATE CHANNEL CLOSING TRANSMISSION TIME

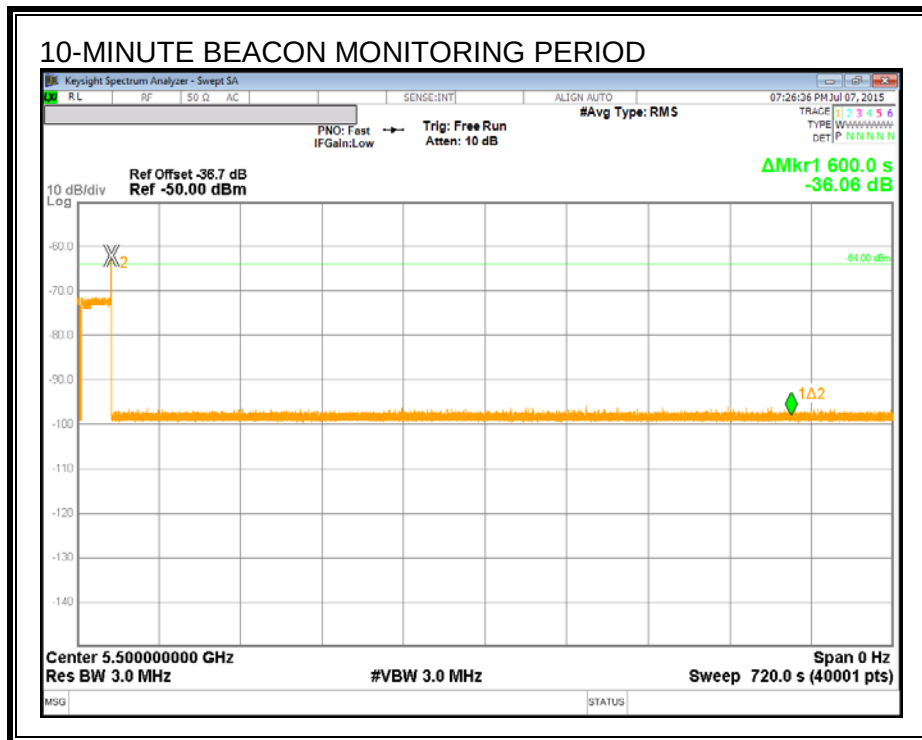
No transmissions are observed during the aggregate monitoring period.



NON-OCCUPANCY PERIOD

RESULTS

No EUT transmissions were observed on the test channel during the 10-minute observation time.



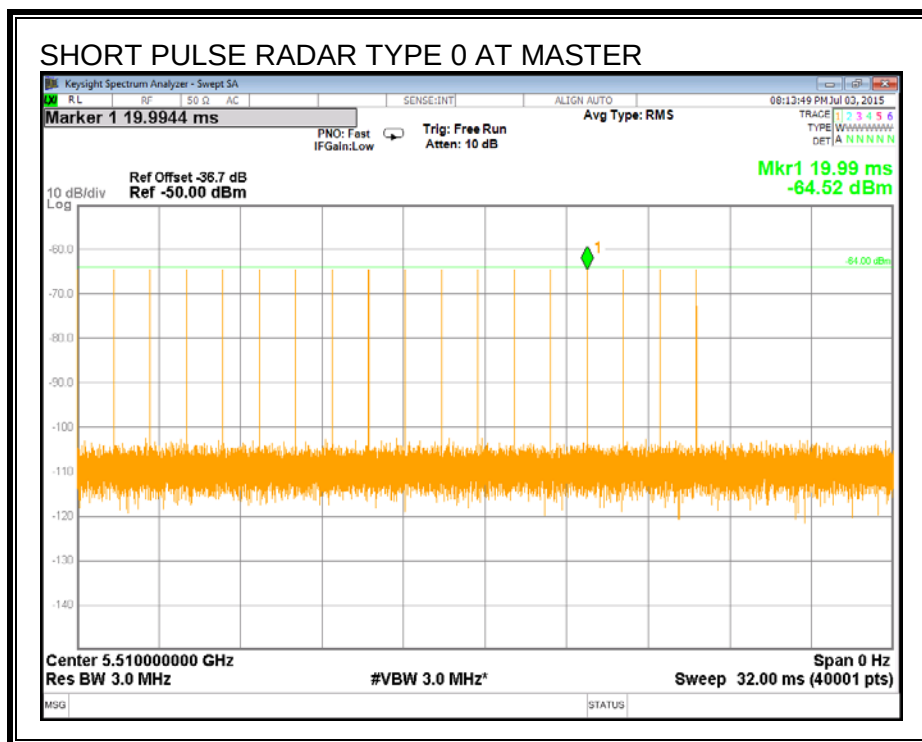
14.3. RESULTS FOR 40 MHz BANDWIDTH

14.3.1. TEST CHANNEL

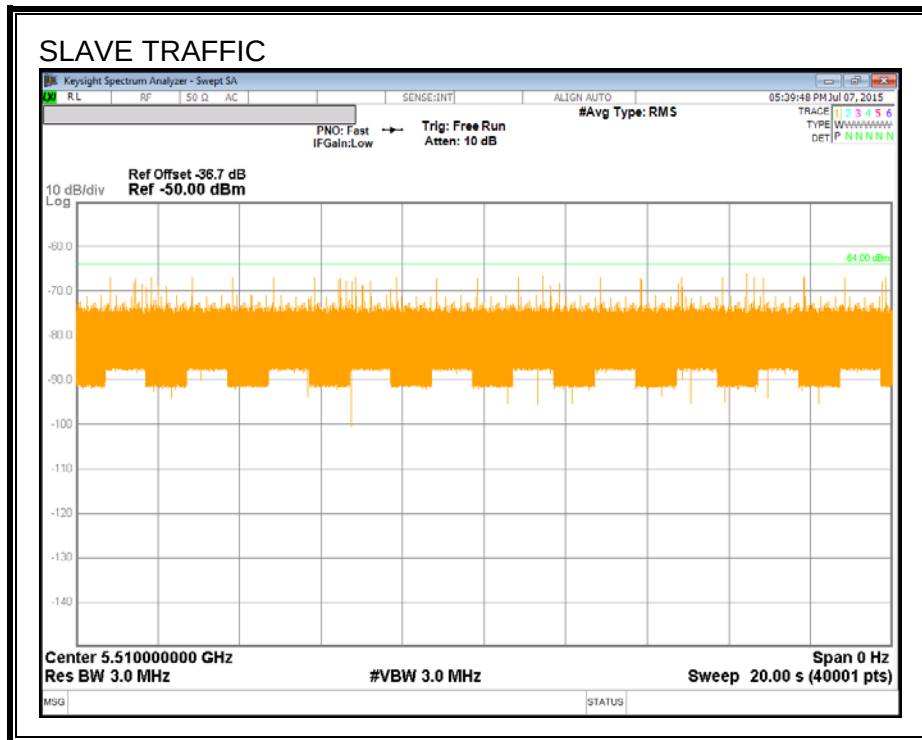
All tests were performed at a channel center frequency of 5510 MHz.

14.3.2. RADAR WAVEFORM AND TRAFFIC

RADAR WAVEFORM



TRAFFIC



14.3.3. OVERLAPPING CHANNEL TESTS

RESULTS

These tests are not applicable.

14.3.4. MOVE AND CLOSING TIME

REPORTING NOTES

The reference marker is set at the end of last radar pulse.

The delta marker is set at the end of the last WLAN transmission following the radar pulse. This delta is the channel move time.

The aggregate channel closing transmission time is calculated as follows:

Aggregate Transmission Time =
(Number of analyzer bins showing transmission) * (dwell time per bin)

The observation period over which the aggregate time is calculated begins at (Reference Marker + 200 msec) and ends no earlier than (Reference Marker + 10 sec).

RESULTS

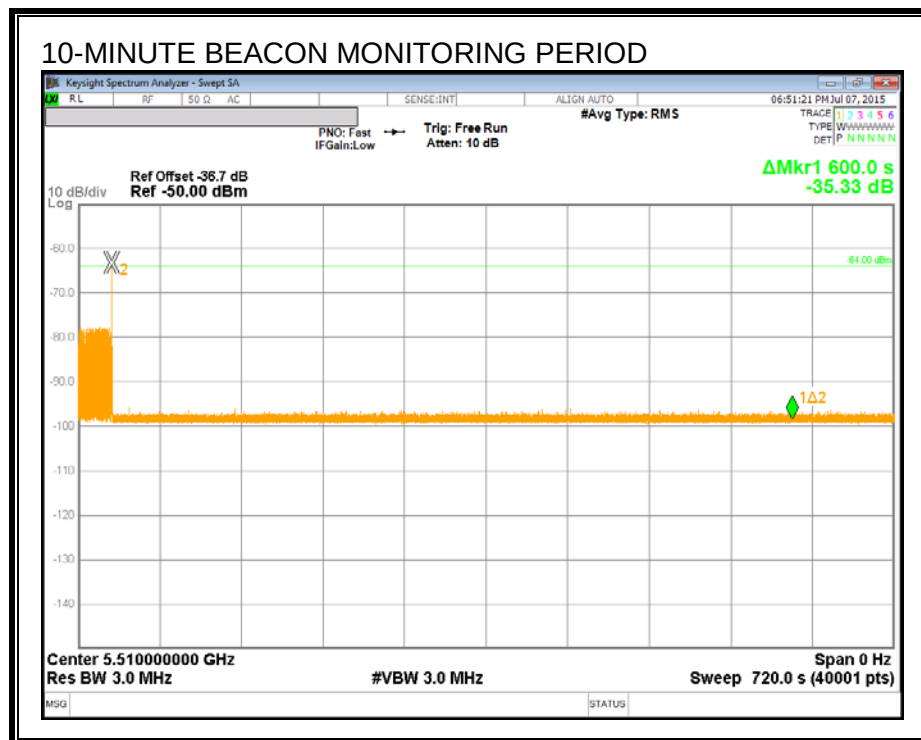
Channel Move Time (sec)	Limit (sec)
0.577	10

Aggregate Channel Closing Transmission Time (msec)	Limit (msec)
3.000	60

NON-OCCUPANCY PERIOD

RESULTS

No EUT transmissions were observed on the test channel during the 10-minute observation time.



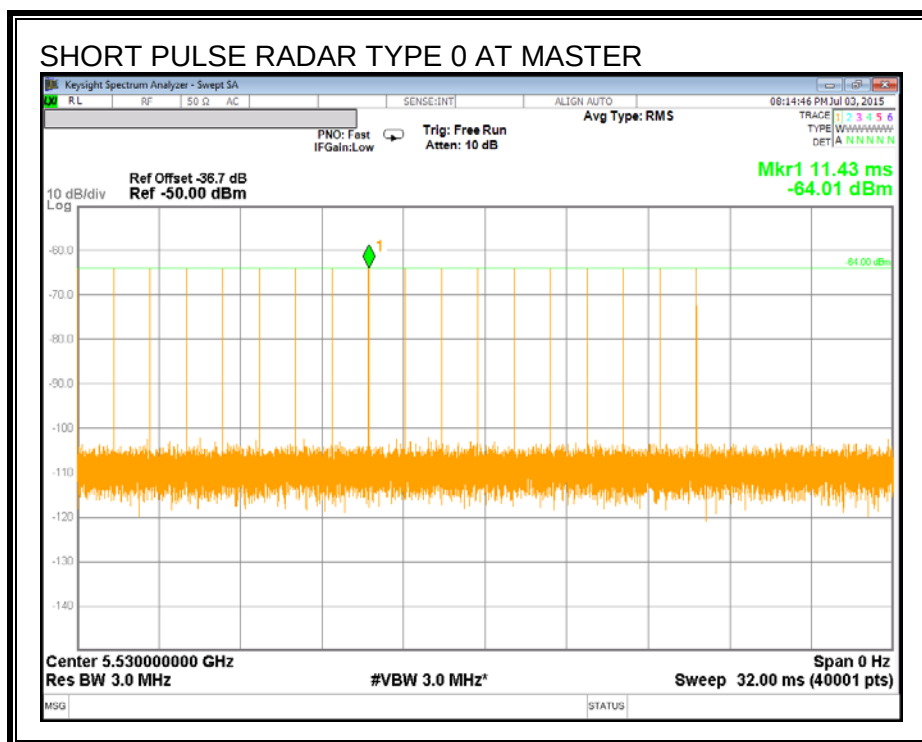
14.4. RESULTS FOR 80 MHz BANDWIDTH

14.4.1. TEST CHANNEL

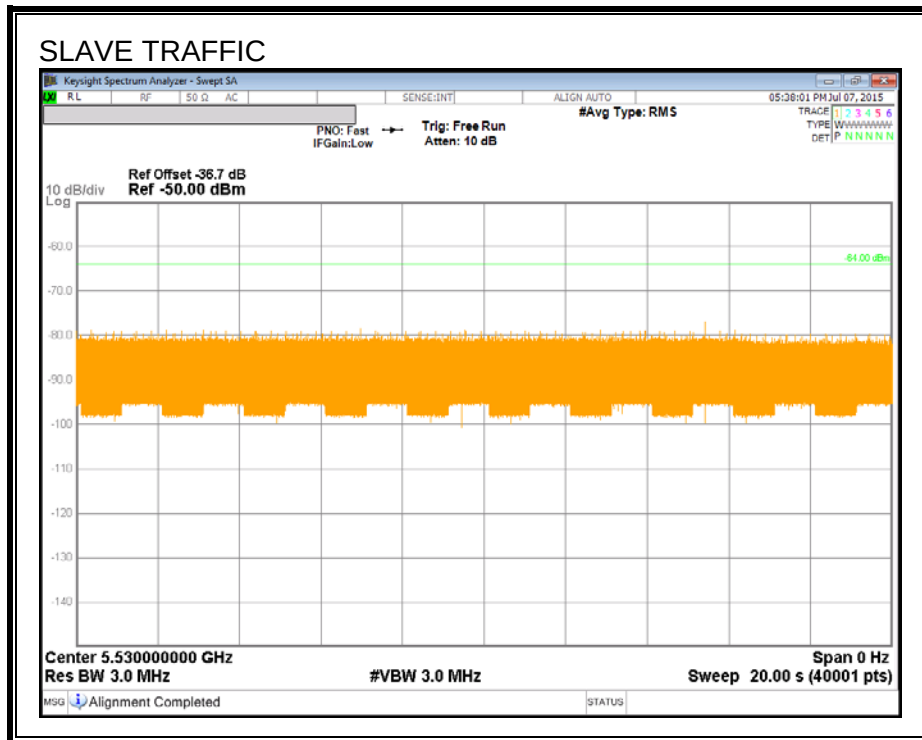
All tests were performed at a channel center frequency of 5530 MHz.

14.4.2. RADAR WAVEFORM AND TRAFFIC

RADAR WAVEFORM



TRAFFIC



14.4.3. OVERLAPPING CHANNEL TESTS

RESULTS

These tests are not applicable.

14.4.4. MOVE AND CLOSING TIME

REPORTING NOTES

The reference marker is set at the end of last radar pulse.

The delta marker is set at the end of the last WLAN transmission following the radar pulse. This delta is the channel move time.

The aggregate channel closing transmission time is calculated as follows:

Aggregate Transmission Time =
(Number of analyzer bins showing transmission) * (dwell time per bin)

The observation period over which the aggregate time is calculated begins at (Reference Marker + 200 msec) and ends no earlier than (Reference Marker + 10 sec).

RESULTS

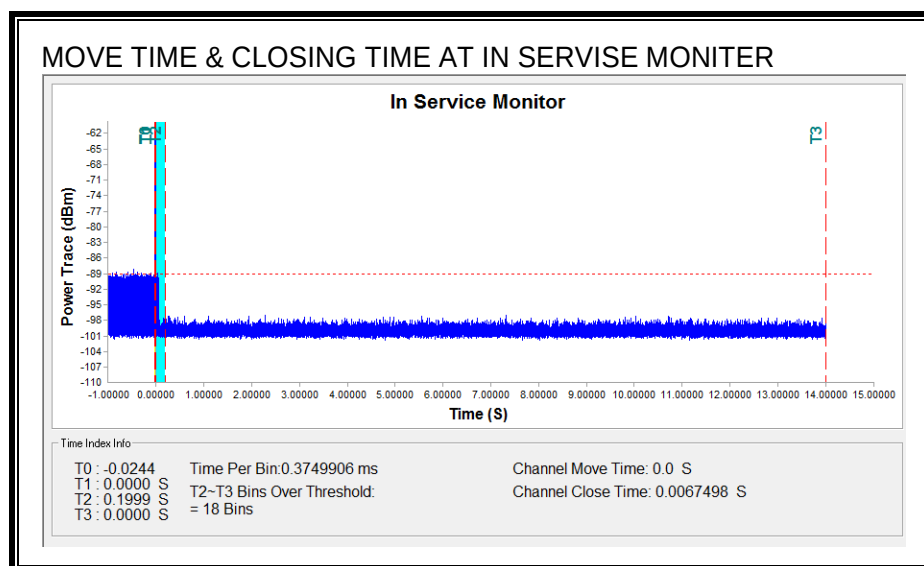
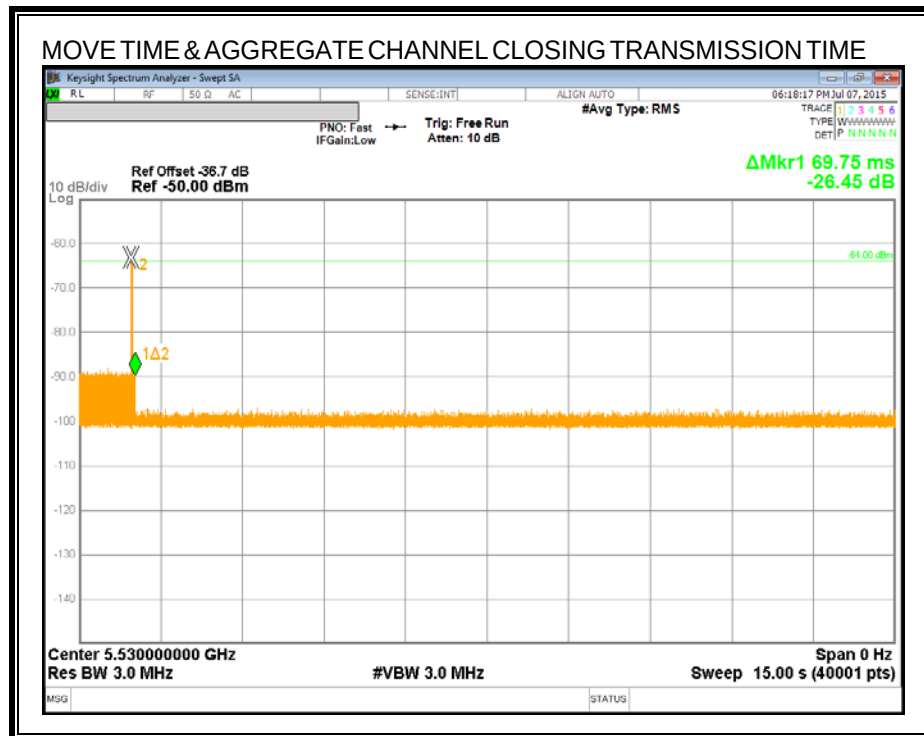
Channel Move Time (sec)	Limit (sec)
0.000	10

Aggregate Channel Closing Transmission Time (msec)	Limit (msec)
6.750	60

MOVE TIME & CHANNEL CLOSING TIME

AGGREGATE CHANNEL CLOSING TRANSMISSION TIME

No transmissions are observed during the aggregate monitoring period.



NON-OCCUPANCY PERIOD

RESULTS

No EUT transmissions were observed on the test channel during the 10-minute observation time.

