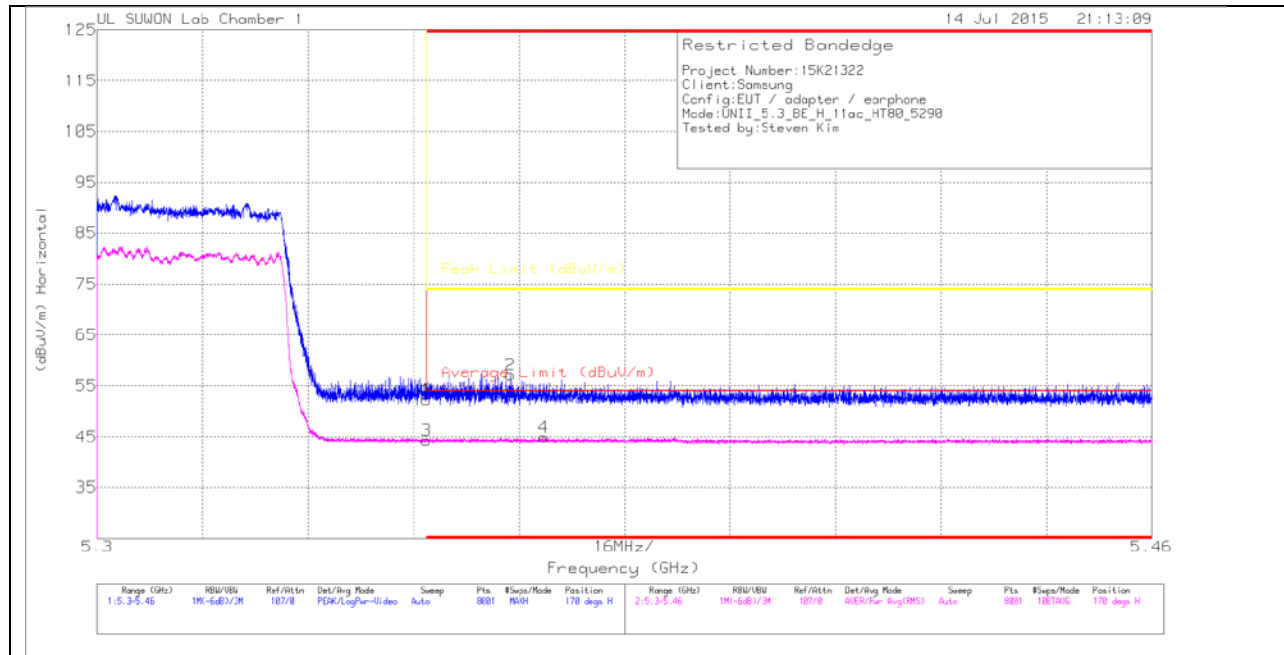


10.2.4. TX ABOVE 1 GHz 802.11ac HT80 MODE IN THE 5.3 GHz BAND RESTRICTED BANDEDGE (High CHANNEL)

HORIZONTAL PEAK AND AVERAGE PLOT



HORIZONTAL DATA

TRACE MARKERS

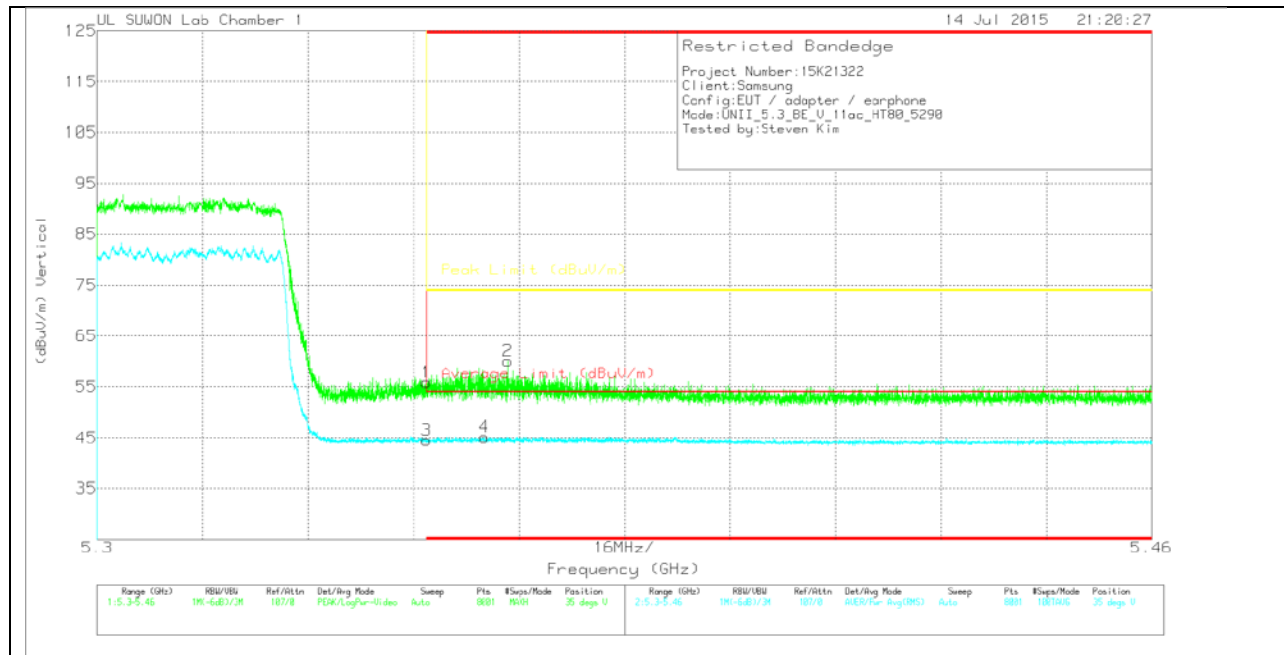
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	3117(001687 17)_150619	Path_2_10d B	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 5.35	37.44	Pk	34.5	-19.6	0	52.34	-	-	74	-21.66	170	100	H
2	* 5.363	42.25	Pk	34.5	-19.6	0	57.15	-	-	74	-16.85	170	100	H
3	* 5.35	28.23	RMS	34.5	-19.6	1.14	44.27	54	-9.73	-	-	170	100	H
4	* 5.368	28.9	RMS	34.5	-19.6	1.14	44.94	54	-9.06	-	-	170	100	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	* 5.35	41	Pk	34.5	-19.6	0	55.9	-	-	74	-18.1	35	100	V
2	* 5.362	45.17	Pk	34.5	-19.6	0	60.07	-	-	74	-13.93	35	100	V
3	* 5.35	28.46	RMS	34.5	-19.6	1.14	44.5	54	-9.5	-	-	35	100	V
4	* 5.359	29.15	RMS	34.5	-19.6	1.14	45.19	54	-8.81	-	-	35	100	V

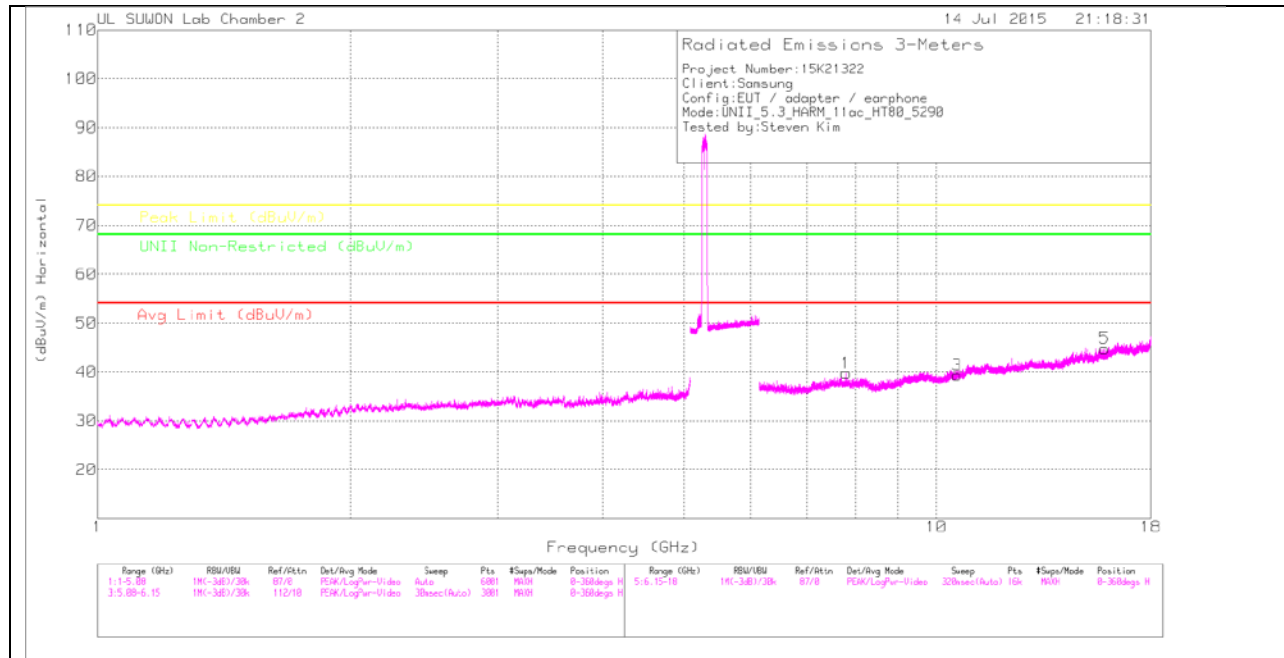
* - indicates frequency in CFR15.205/IC7.2.2 Restricted Band

Pk - Peak detector

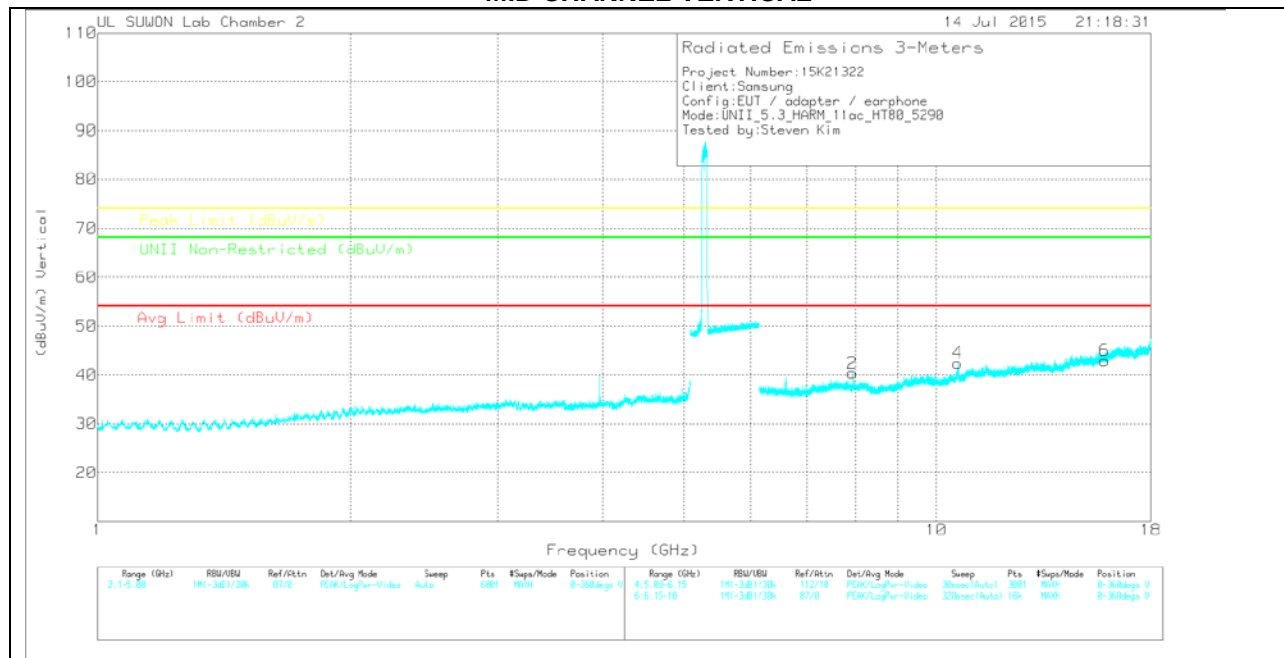
RMS - RMS detection

HARMONICS AND SPURIOUS EMISSIONS

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 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	7.802	25.66	PK	36	-21.9	0	39.76	-	-	-	-	68.2	-28.44	0-360	100	H
3	10.579	19.58	PK	37.8	-18	0	39.38	-	-	-	-	68.2	-28.82	0-360	200	H
5	* 15.87	20.9	PK	40.3	-16.4	0	44.8	-	-	74	-29.2	-	-	0-360	100	H
2	7.935	25.85	PK	36	-21.5	0	40.35	-	-	-	-	68.2	-27.85	0-360	100	V
4	* 10.602	22.67	PK	37.8	-18	0	42.47	-	-	74	-31.53	-	-	0-360	100	V
6	* 15.87	19.03	PK	40.3	-16.4	0	42.93	-	-	74	-31.07	-	-	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
* 10.639	40.85	PK-U	37.8	-17.9	0	60.75	-	-	74	-13.25	-	-	348	100	V
* 10.639	27.27	ADR	37.8	-17.9	1.14	48.31	54	-5.69	-	-	-	-	348	100	V

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

PK-U - U-NII: Maximum Peak

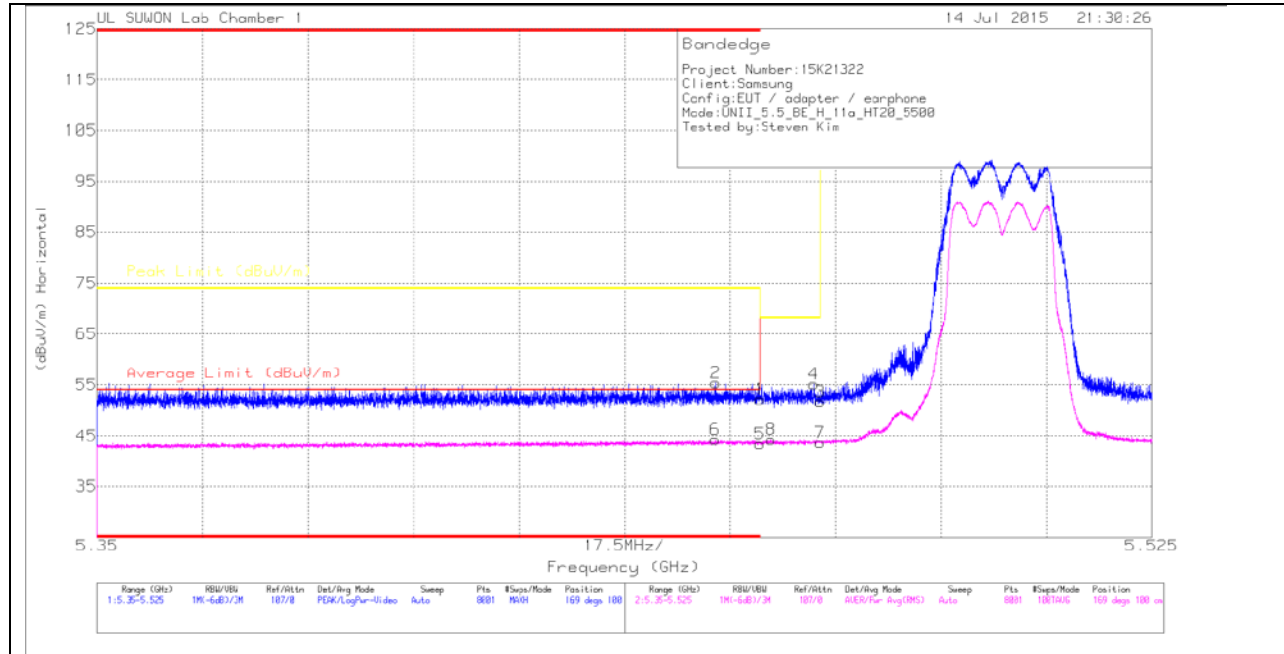
ADR - U-NII AD primary method, RMS average

10.3. 5.5-5.6 GHz

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

RESTRICTED BANDEDGE (LOW CHANNEL)

HORIZONTAL PEAK AND AVERAGE PLOT



HORIZONTAL DATA

TRACE MARKERS

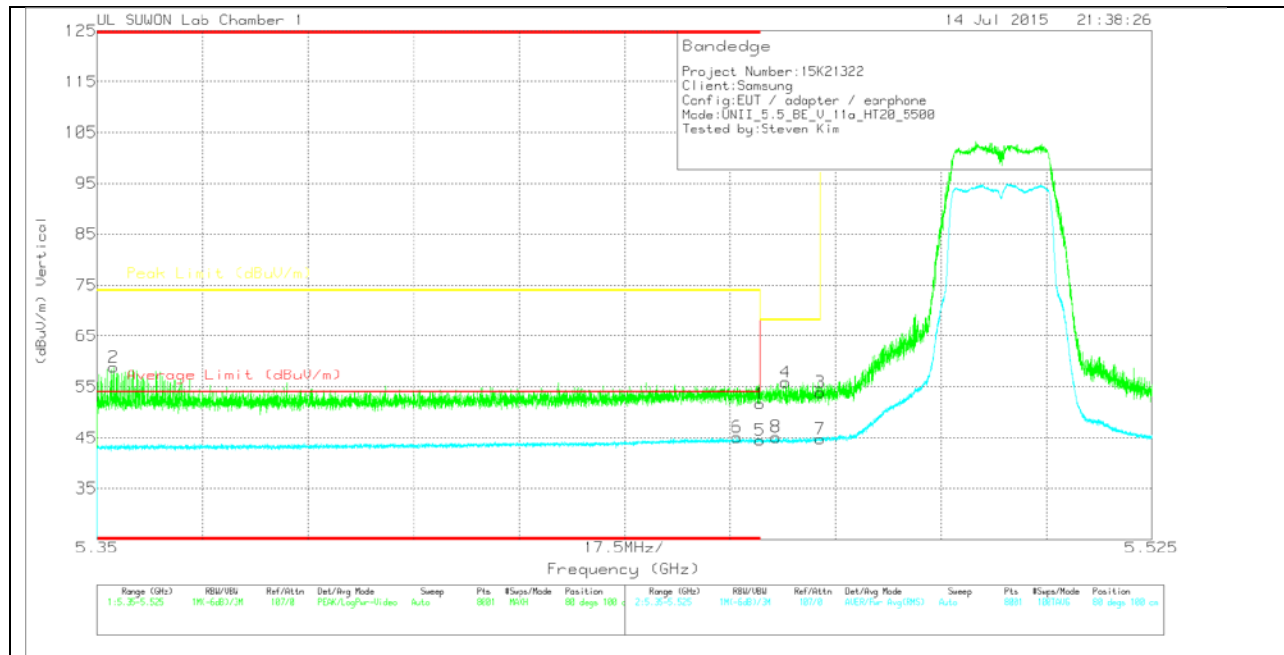
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	3117(00168 717)_15061 9	Path_2_10d B	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 5.46	36.78	Pk	34.6	-19.2	0	52.18	-	-	74	-21.82	169	100	H
2	* 5.453	39.96	Pk	34.6	-19.2	0	55.36	-	-	74	-18.64	169	100	H
3	5.47	36.32	Pk	34.6	-19.2	0	51.72	-	-	68.2	-16.48	169	100	H
4	5.469	39.75	Pk	34.6	-19.2	0	55.15	-	-	68.2	-13.05	169	100	H
5	* 5.46	27.65	RMS	34.6	-19.2	.3	43.35	54	-10.65	-	-	169	100	H
6	* 5.453	28.62	RMS	34.6	-19.2	.3	44.32	54	-9.68	-	-	169	100	H
7	5.47	27.94	RMS	34.6	-19.2	.3	43.64	-	-	-	-	169	100	H
8	5.462	28.57	RMS	34.6	-19.2	.3	44.27	-	-	-	-	169	100	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	36.32	Pk		-19.2	0	51.72	-	-	74	-22.28	80	100	V
2	* 5.353	43.99	Pk		-19.6	0	58.89	-	-	74	-15.11	80	100	V
3	5.47	38.48	Pk		-19.2	0	53.88	-	-	68.2	-14.32	80	100	V
4	5.464	40.48	Pk		-19.2	0	55.88	-	-	68.2	-12.32	80	100	V
5	* 5.46	28.87	RMS		-19.2	.3	44.57	54	-9.43	-	-	80	100	V
6	* 5.456	29.43	RMS		-19.2	.3	45.13	54	-8.87	-	-	80	100	V
7	5.47	29.02	RMS		-19.2	.3	44.72	-	-	-	-	80	100	V
8	5.463	29.49	RMS		-19.2	.3	45.19	-	-	-	-	80	100	V

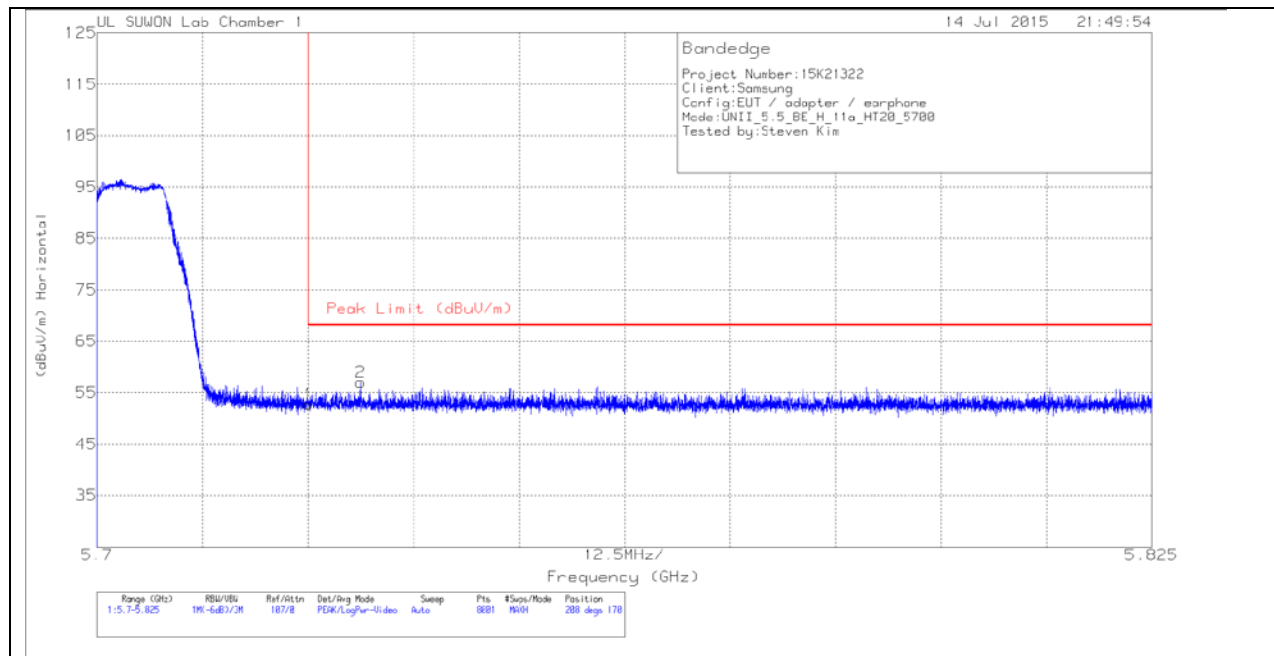
* - indicates frequency in CFR15.205/IC7.2.2 Restricted Band

Pk - Peak detector

RMS - RMS detection

AUTHORIZED BANDEDGE (HIGH CHANNEL)

HORIZONTAL PEAK AND AVERAGE PLOT



HORIZONTAL DATA

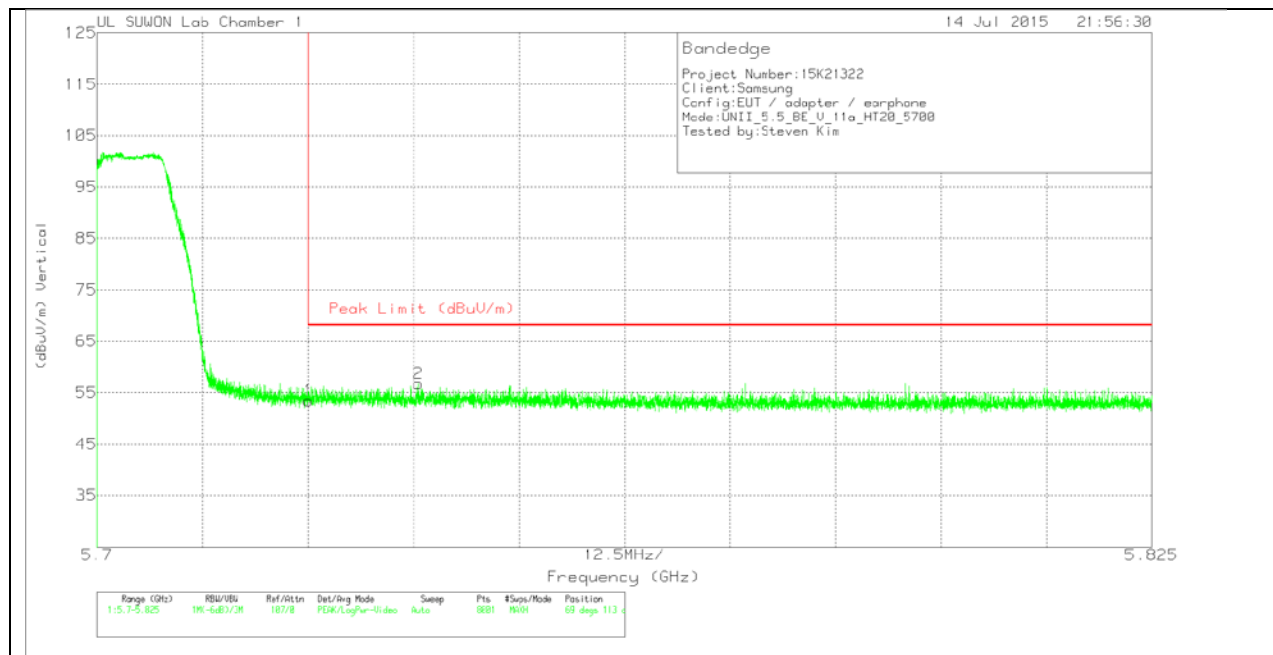
TRACE MARKERS

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	36.67	Pk	34.8	-18.8	0	52.67	68.2	-15.53	208	170	H
2	5.731	41.04	Pk	34.8	-18.8	0	57.04	68.2	-11.16	208	170	H

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

Pk - Peak detector

VERTICAL PEAK AND AVERAGE PLOT



VERTICAL DATA

TRACE MARKERS

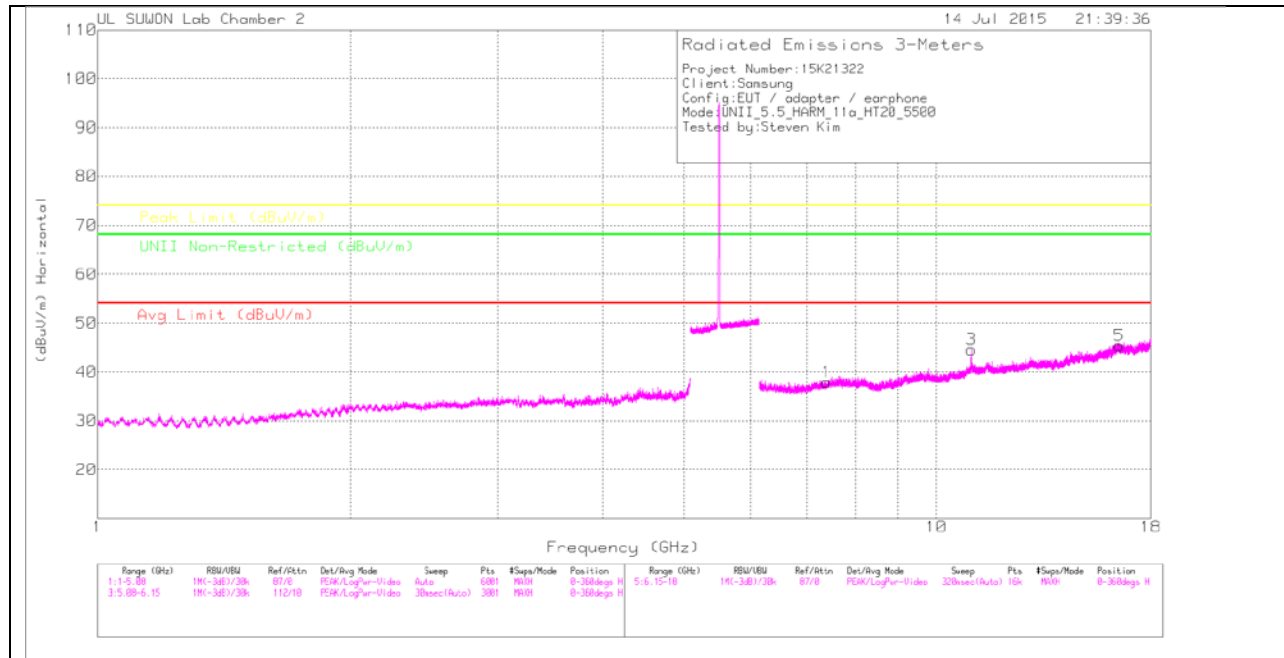
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	3117(0016 8717)_150 619	Path_2_10 dB	DC Corr (dB)	Corrected Reading (dBuV/m)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.725	37.41	Pk	34.8	-18.8	0	53.41	68.2	-14.79	69	113	V
2	5.738	40.71	Pk	34.8	-18.7	0	56.81	68.2	-11.39	69	113	V

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

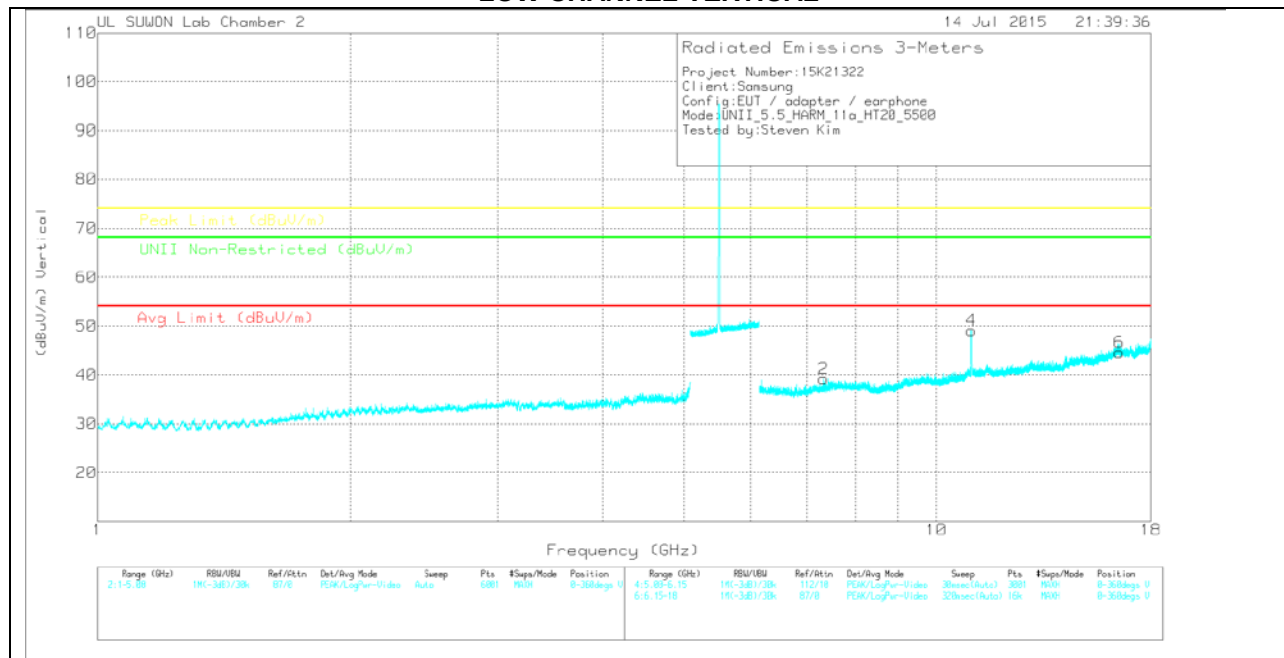
Pk - Peak detector

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 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	* 7.391	24.42	PK	35.9	-22.4	0	37.92	-	-	74	-36.08	-	-	0-360	200	H
3	* 11.002	24.16	PK	38	-17.6	0	44.56	-	-	74	-29.44	-	-	0-360	200	H
5	16.5	20.47	PK	41	-16.1	0	45.37	-	-	-	-	68.2	-22.83	0-360	100	H
2	* 7.333	25.44	PK	35.9	-22.1	0	39.24	-	-	74	-34.76	-	-	0-360	100	V
4	* 10.999	28.71	PK	38	-17.6	0	49.11	-	-	74	-24.89	-	-	0-360	100	V
6	16.5	19.72	PK	41	-16.1	0	44.62	-	-	-	-	68.2	-23.58	0-360	100	V

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

PK – Peak Detector

Radiated Emissions

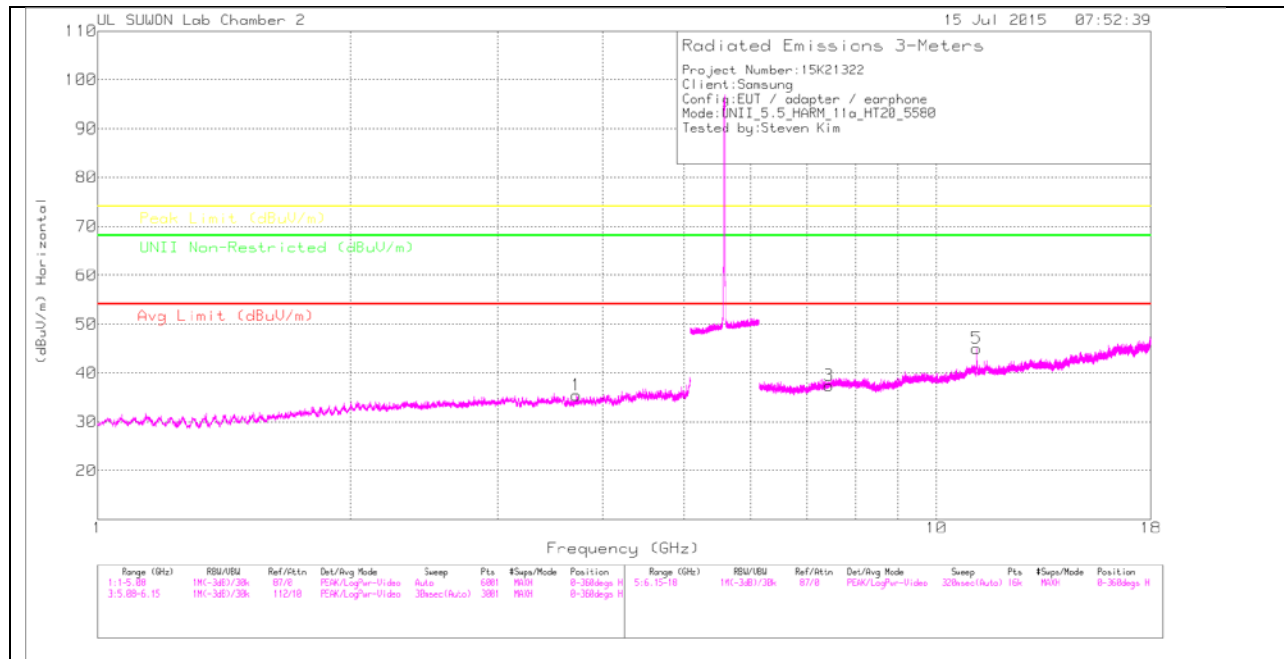
Frequency (GHz)	Meter Reading (dBuV)	Det	3117/0016 8724_150 619	Path_5	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	UNII Non-Restricted (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
* 11.006	41.47	PK-U	38	-17.6	0	61.87	-	-	74	-12.13	-	-	346	362	V
* 11.002	29.56	ADR	38	-17.6	.3	50.26	54	-3.74	-	-	-	-	346	362	V

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

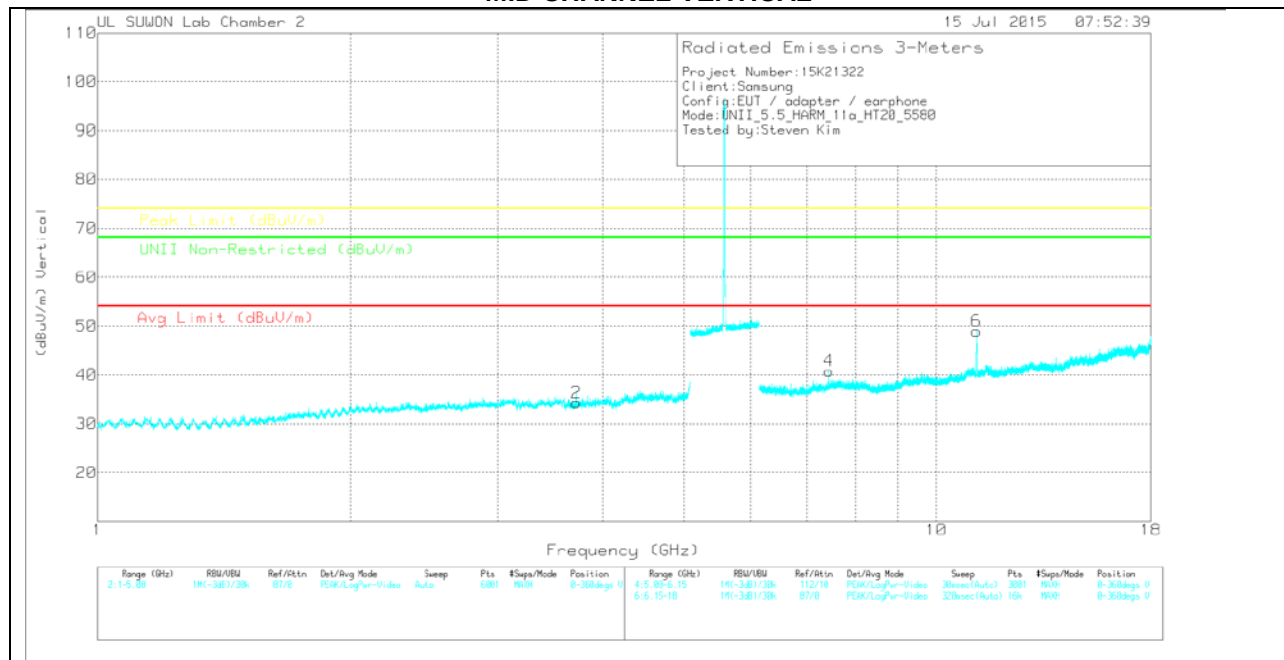
PK-U - U-NII: Maximum Peak

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_4	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	* 3.72	28.44	PK	33	-26	0	35.44	-	-	74	-38.56	-	-	0-360	100	H
2	* 3.719	27.35	PK	33	-26	0	34.35	-	-	74	-39.65	-	-	0-360	200	V
3	* 7.44	23.8	PK	36	-22.4	0	37.4	-	-	74	-36.6	-	-	0-360	100	H
5	* 11.163	24.65	PK	38.1	-17.7	0	45.05	-	-	74	-28.95	-	-	0-360	200	H
4	* 7.439	27.22	PK	36	-22.4	0	40.82	-	-	74	-33.18	-	-	0-360	200	V
6	* 11.161	28.61	PK	38.1	-17.7	0	49.01	-	-	74	-24.99	-	-	0-360	200	V

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

PK – Peak Detector

Radiated Emissions

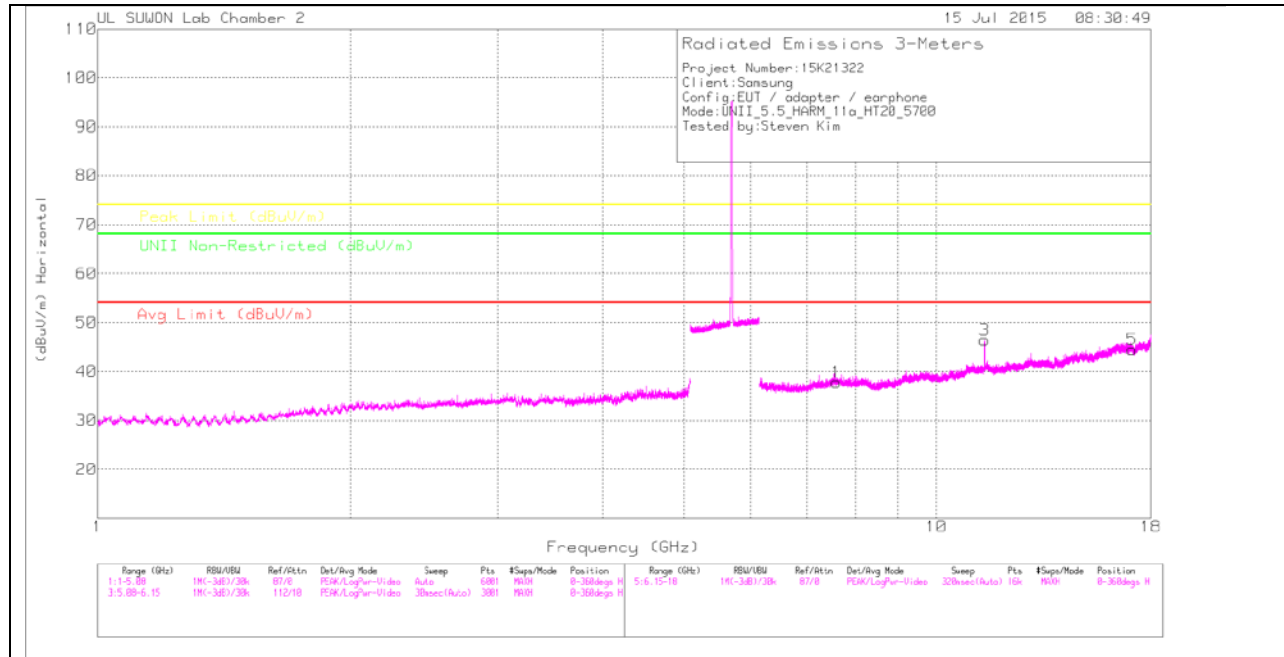
Frequency (GHz)	Meter Reading (dBuV)	Det	3117/001687 24_150619	Path_5	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	UNII Non-Restricted (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
* 11.156	42.72	PK-U	38.1	-17.7	0	63.12	-	-	74	-10.88	-	-	346	368	V
* 11.163	29.78	ADR	38.1	-17.7	.3	50.48	54	-3.52	-	-	-	-	338	368	V
* 11.156	37.56	PK-U	38.1	-17.7	0	57.96	-	-	74	-16.04	-	-	315	388	H
* 11.161	25.44	ADR	38.1	-17.7	.3	46.14	54	-7.86	-	-	-	-	315	388	H

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

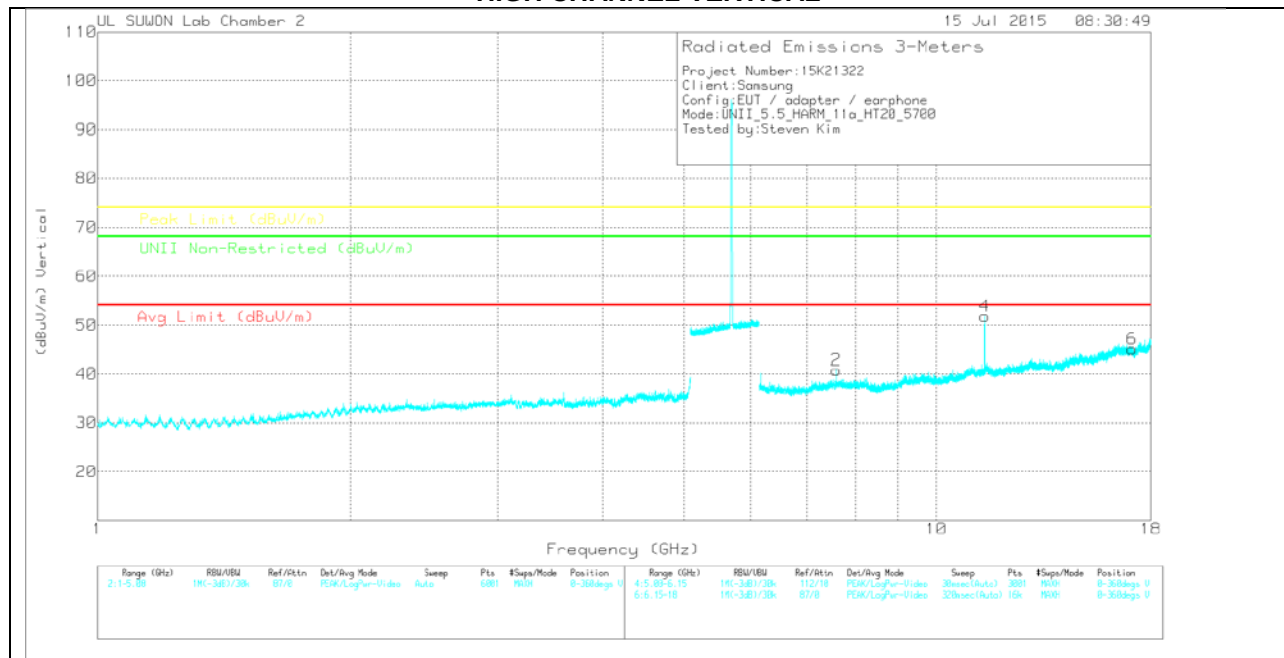
PK-U - U-NII: Maximum Peak

ADR - U-NII AD primary method, RMS average

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(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	* 7.6	23.37	PK	36.1	-21.7	0	37.77	-	-	74	-36.23	-	-	0-360	100	H
3	* 11.401	25.28	PK	38.3	-17.2	0	46.38	-	-	74	-27.62	-	-	0-360	200	H
5	17.101	18.71	PK	41.1	-15.3	0	44.51	-	-	-	-	68.2	-23.69	0-360	200	H
2	* 7.599	26.41	PK	36.1	-21.7	0	40.81	-	-	74	-33.19	-	-	0-360	100	V
4	* 11.403	30.74	PK	38.3	-17.2	0	51.84	-	-	74	-22.16	-	-	0-360	200	V
6	17.099	19.28	PK	41.1	-15.3	0	45.08	-	-	-	-	68.2	-23.12	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
* 11.397	38.82	PK-U	38.3	-17.2	0	59.92	-	-	74	-14.08	-	-	317	296	H
* 11.402	26.42	ADR	38.3	-17.2	.3	47.82	54	-6.18	-	-	-	-	317	296	H
* 11.396	40.15	PK-U	38.3	-17.2	0	61.25	-	-	74	-12.75	-	-	183	242	V
* 11.402	28.48	ADR	38.3	-17.2	.3	49.88	54	-4.12	-	-	-	-	183	242	V

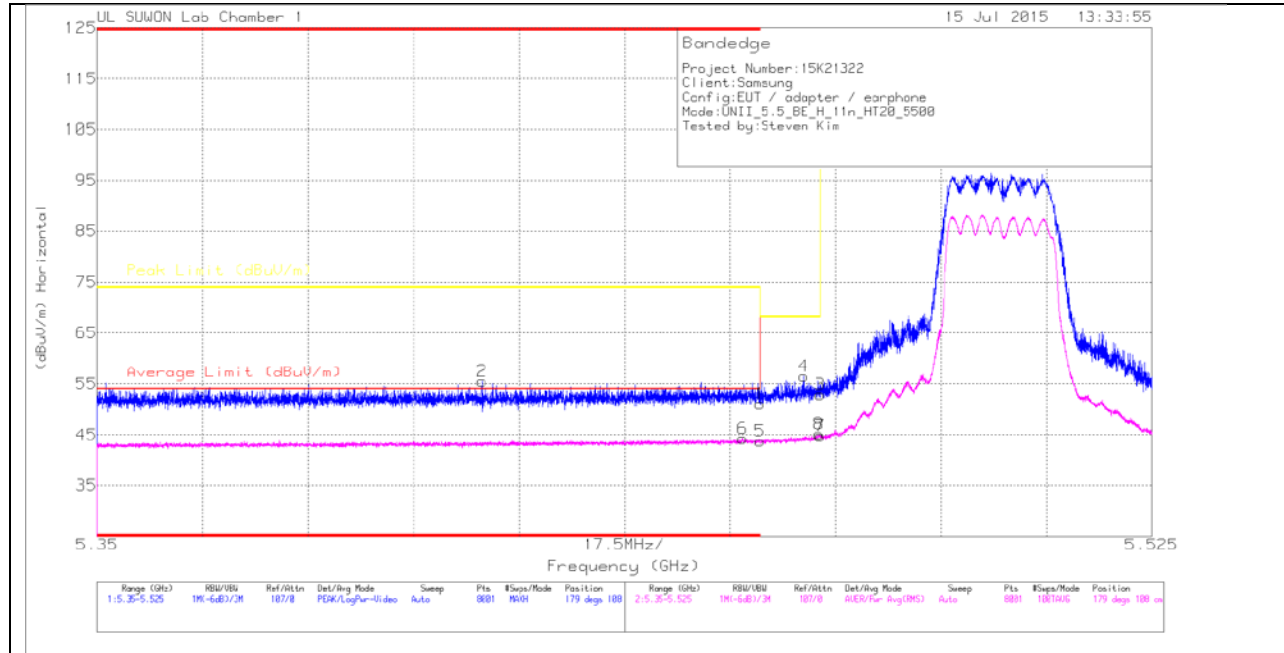
* - indicates frequency in CFR15.205/IC7.2.2 Restricted Band

PK-U - U-NII: Maximum Peak

ADR - U-NII AD primary method, RMS average

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

HORIZONTAL PEAK AND AVERAGE PLOT



HORIZONTAL DATA

TRACE MARKERS

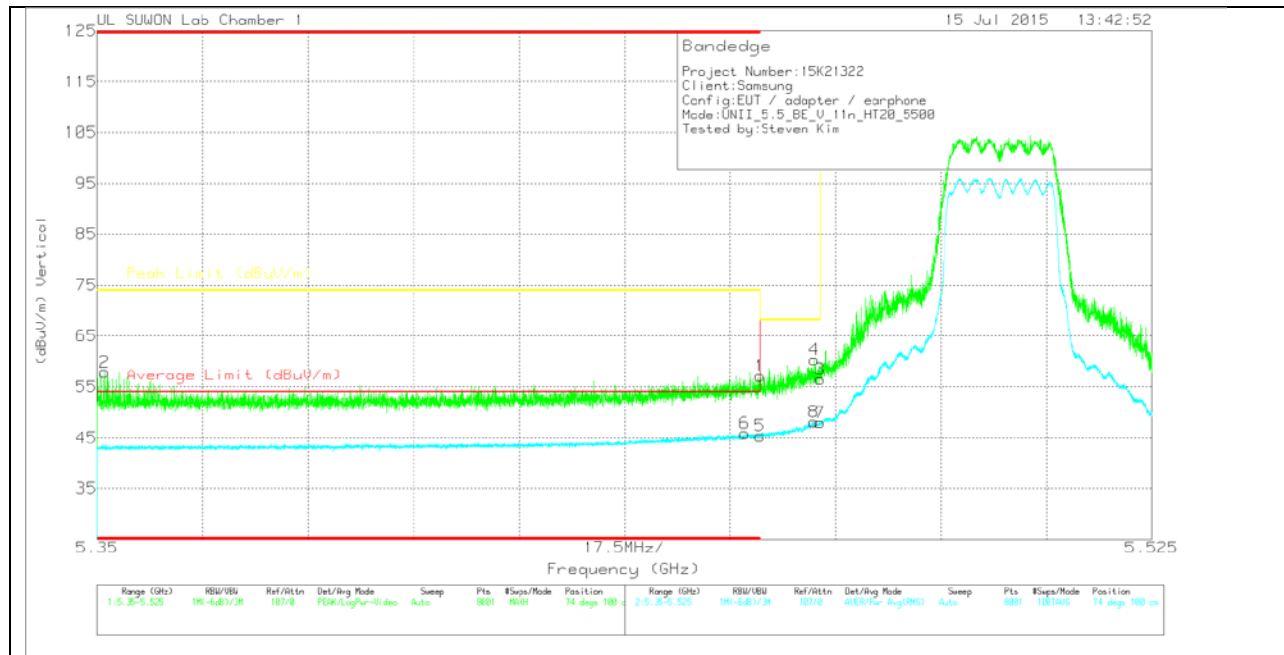
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	3117/00168 717_15061 9	Path_2_10d B	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 5.46	35.68	Pk		-19.2	0	51.08	-	-	74	-22.92	179	108	H
2	* 5.414	40.24	Pk		-19.3	0	55.54	-	-	74	-18.46	179	108	H
3	5.47	37.55	Pk		-19.2	0	52.95	-	-	68.2	-15.25	179	108	H
4	5.467	41.13	Pk		-19.2	0	56.53	-	-	68.2	-11.67	179	108	H
5	* 5.46	28.01	RMS		-19.2	.31	43.72	54	-10.28	-	-	179	108	H
6	* 5.457	28.58	RMS		-19.2	.31	44.29	54	-9.71	-	-	179	108	H
7	5.47	29.06	RMS		-19.2	.31	44.77	-	-	-	-	179	108	H
8	5.47	29.46	RMS		-19.2	.31	45.17	-	-	-	-	179	108	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 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	41.76	Pk		-19.2	0	57.16	-	-	74	-16.84	74	100	V
2	* 5.351	42.94	Pk		-19.6	0	57.84	-	-	74	-16.16	74	100	V
3	5.47	41.13	Pk		-19.2	0	56.53	-	-	68.2	-11.67	74	100	V
4	5.469	44.91	Pk		-19.2	0	60.31	-	-	68.2	-7.89	74	100	V
5	* 5.46	29.66	RMS		-19.2	.31	45.37	54	-8.63	-	-	74	100	V
6	* 5.457	30.2	RMS		-19.2	.31	45.91	54	-8.09	-	-	74	100	V
7	5.47	32.27	RMS		-19.2	.31	47.98	-	-	-	-	74	100	V
8	5.469	32.44	RMS		-19.2	.31	48.15	-	-	-	-	74	100	V

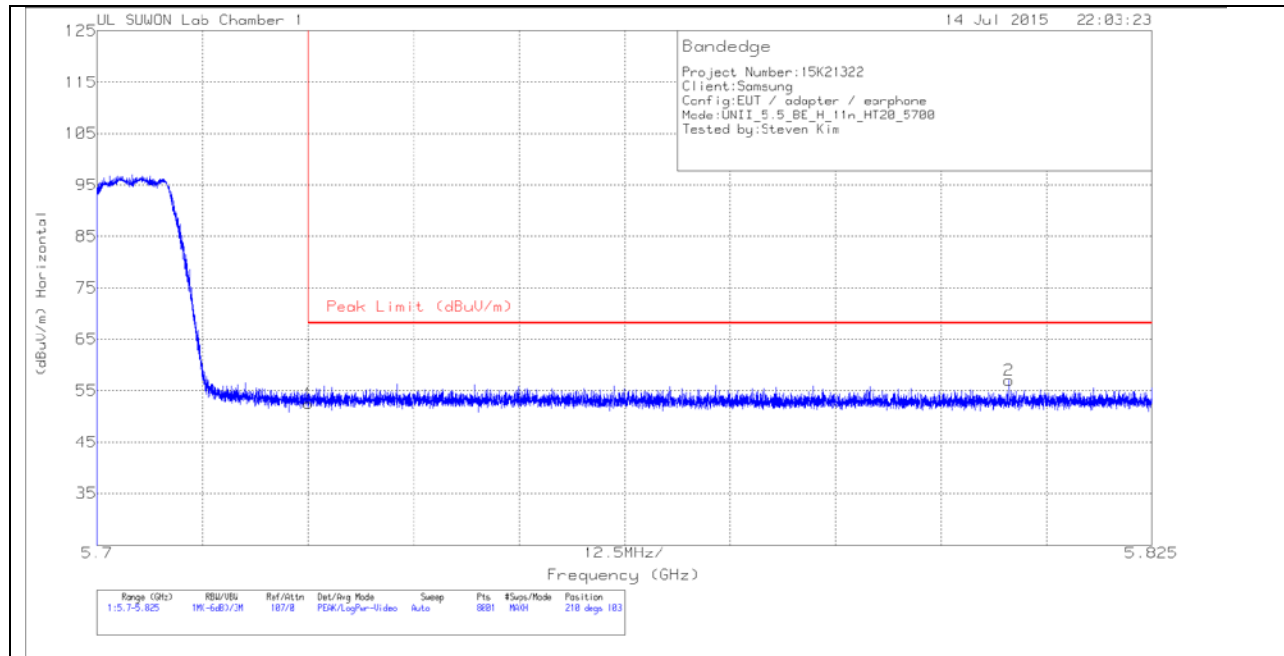
* - indicates frequency in CFR15.205/IC7.2.2 Restricted Band

Pk - Peak detector

RMS - RMS detection

AUTHORIZED BANDEDGE (HIGH CHANNEL)

HORIZONTAL PEAK AND AVERAGE PLOT



HORIZONTAL DATA

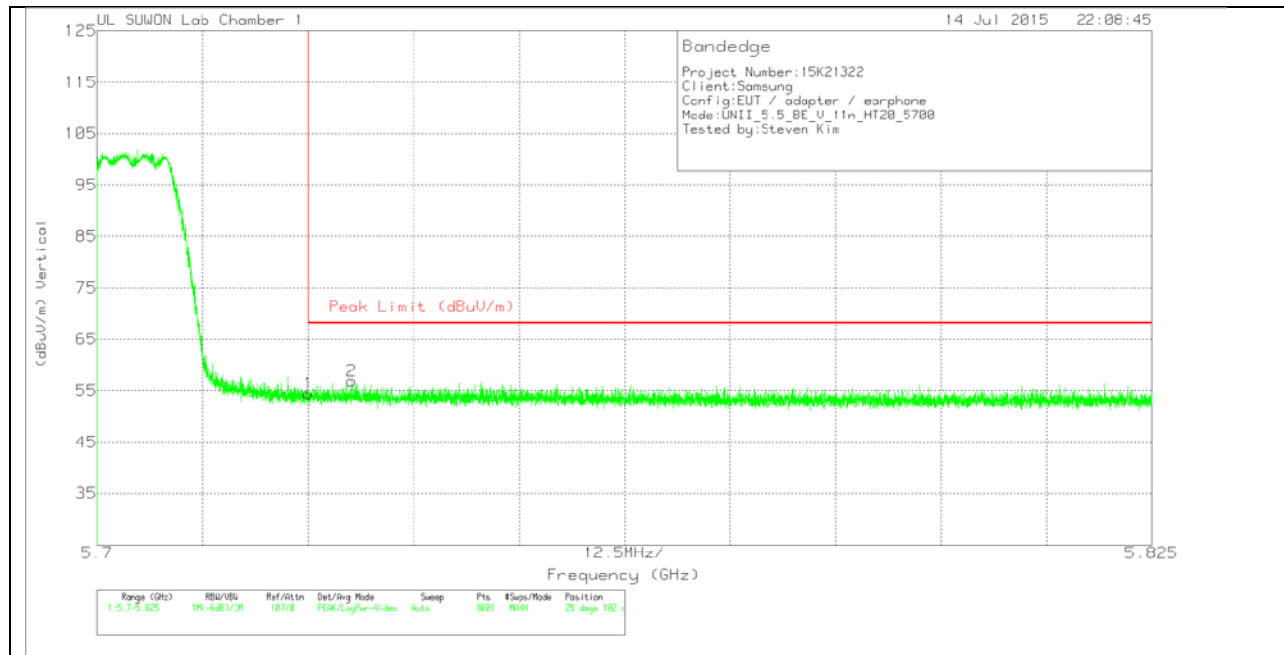
TRACE MARKERS

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	36.53	Pk	34.8	-18.8	0	52.53	68.2	-15.67	210	103	H
2	5.808	41.11	Pk	34.8	-18.9	0	57.01	68.2	-11.19	210	103	H

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

Pk - Peak detector

VERTICAL PEAK AND AVERAGE PLOT



VERTICAL DATA

TRACE MARKERS

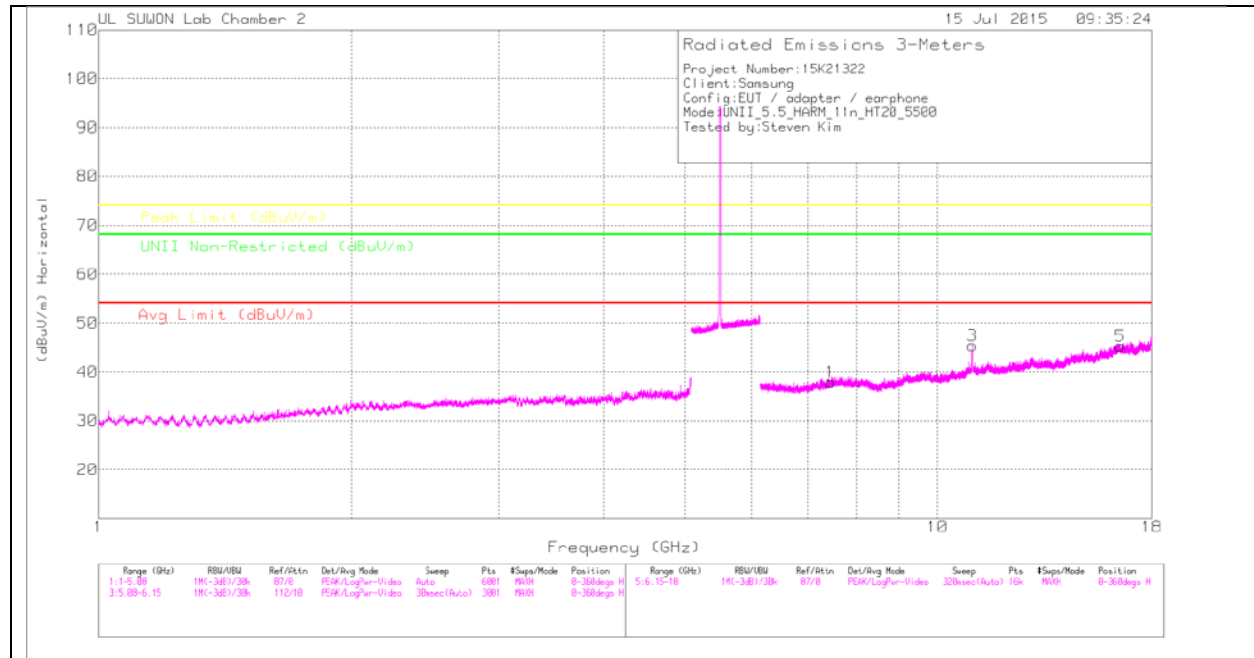
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	3117(0016 8717)_150 619	Path_2_10 dB	DC Corr (dB)	Corrected Reading (dBuV/m)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.725	38.41	Pk	34.8	-18.8	0	54.41	68.2	-13.79	25	102	V
2	5.73	40.86	Pk	34.8	-18.8	0	56.86	68.2	-11.34	25	102	V

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

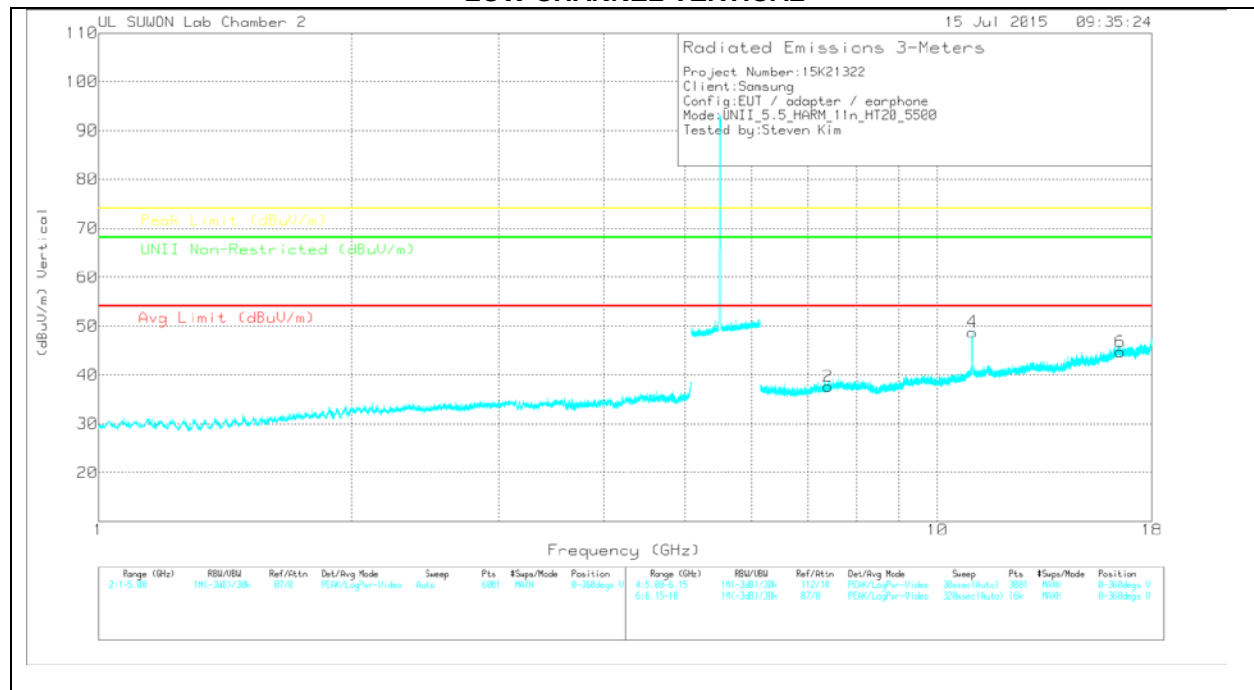
Pk - Peak detector

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 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	* 7.454	24.3	PK	36	-22.4	0	37.9	-	-	74	-36.1	-	-	0-360	200	H
3	* 10.999	25	PK	38	-17.6	0	45.4	-	-	74	-28.6	-	-	0-360	200	H
5	16.515	20.36	PK	41	-16.1	0	45.26	-	-	-	-	68.2	-22.94	0-360	100	H
2	* 7.404	24.17	PK	36	-22.5	0	37.67	-	-	74	-36.33	-	-	0-360	100	V
4	* 11.002	28.37	PK	38	-17.6	0	48.77	-	-	74	-25.23	-	-	0-360	100	V
6	16.514	19.8	PK	41	-16.1	0	44.7	-	-	-	-	68.2	-23.5	0-360	200	V

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

PK – Peak Detector

Radiated Emissions

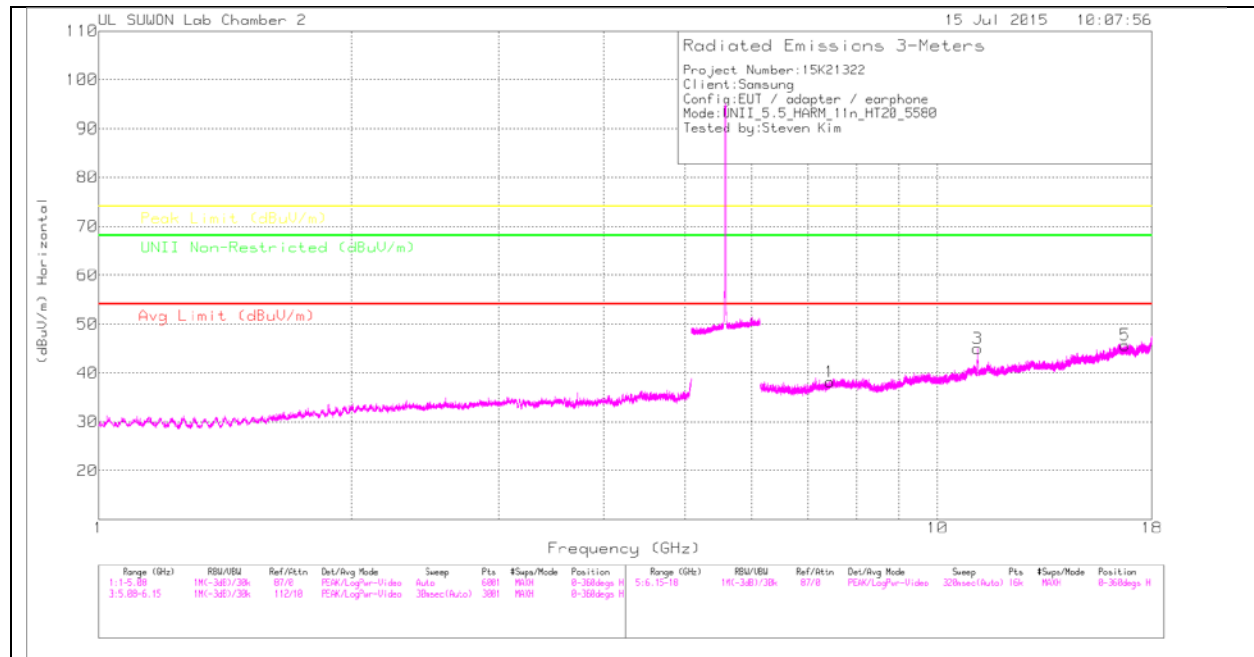
Frequency (GHz)	Meter Reading (dBuV)	Det	3117/001687 24_150619	Path_5	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	UNII Non-Restricted (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
* 11.006	41.09	PK-U	38	-17.6	0	61.49	-	-	74	-12.51	-	-	345	363	V
* 11.001	27.89	ADR	38	-17.6	.31	48.6	54	-5.4	-	-	-	-	345	363	V
* 11.001	37.58	PK-U	38	-17.6	0	57.98	-	-	74	-16.02	-	-	180	355	H
* 11.001	24.63	ADR	38	-17.6	.31	45.34	54	-8.66	-	-	-	-	180	355	H

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

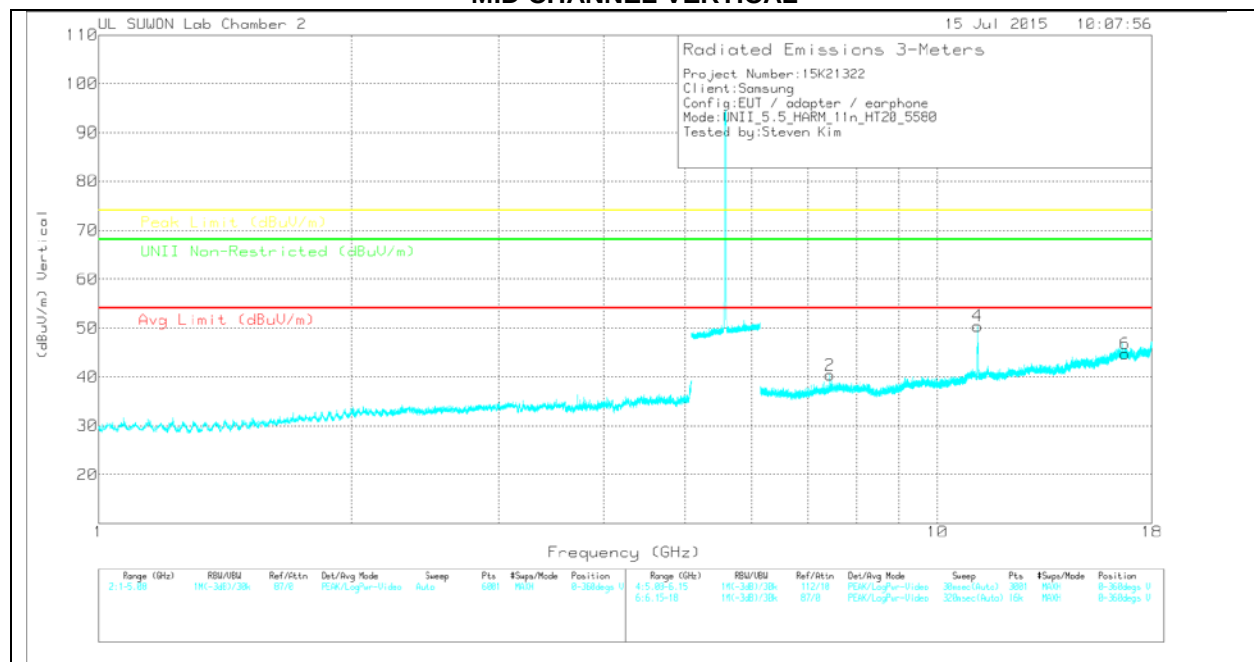
PK-U - U-NII: Maximum Peak

ADR - U-NII AD primary method, RMS average

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	* 7.437	24.58	PK	36	-22.4	0	38.18	-	-	74	-35.82	-	-	0-360	100	H
3	* 11.162	24.62	PK	38.1	-17.7	0	45.02	-	-	74	-28.98	-	-	0-360	200	H
5	16.732	20.39	PK	41	-15.7	0	45.69	-	-	-	-	68.2	-22.51	0-360	100	H
2	* 7.44	26.73	PK	36	-22.4	0	40.33	-	-	74	-33.67	-	-	0-360	100	V
4	* 11.159	29.95	PK	38.1	-17.7	0	50.35	-	-	74	-23.65	-	-	0-360	100	V
6	16.731	19.48	PK	41	-15.7	0	44.78	-	-	-	-	68.2	-23.42	0-360	100	V

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

PK – Peak Detector

Radiated Emissions

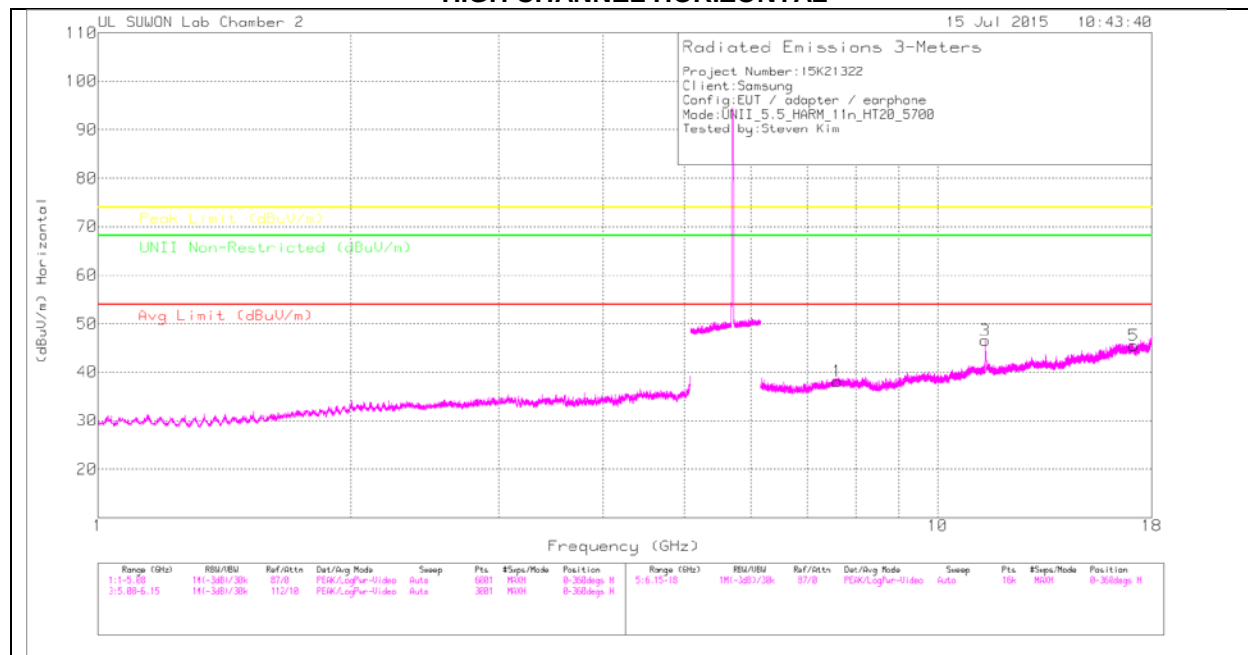
Frequency (GHz)	Meter Reading (dBuV)	Det	3117/001687 24_150619	Path_5	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	UNII Non-Restricted (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
* 11.161	38.21	PK-U	38.1	-17.7	0	58.61	-	-	74	-15.39	-	-	183	327	H
* 11.161	26.08	ADR	38.1	-17.7	.31	46.79	54	-7.21	-	-	-	-	183	327	H
* 11.166	41.9	PK-U	38.1	-17.7	0	62.3	-	-	74	-11.7	-	-	348	367	V
* 11.161	28.76	ADR	38.1	-17.7	.31	49.47	54	-4.53	-	-	-	-	348	367	V

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

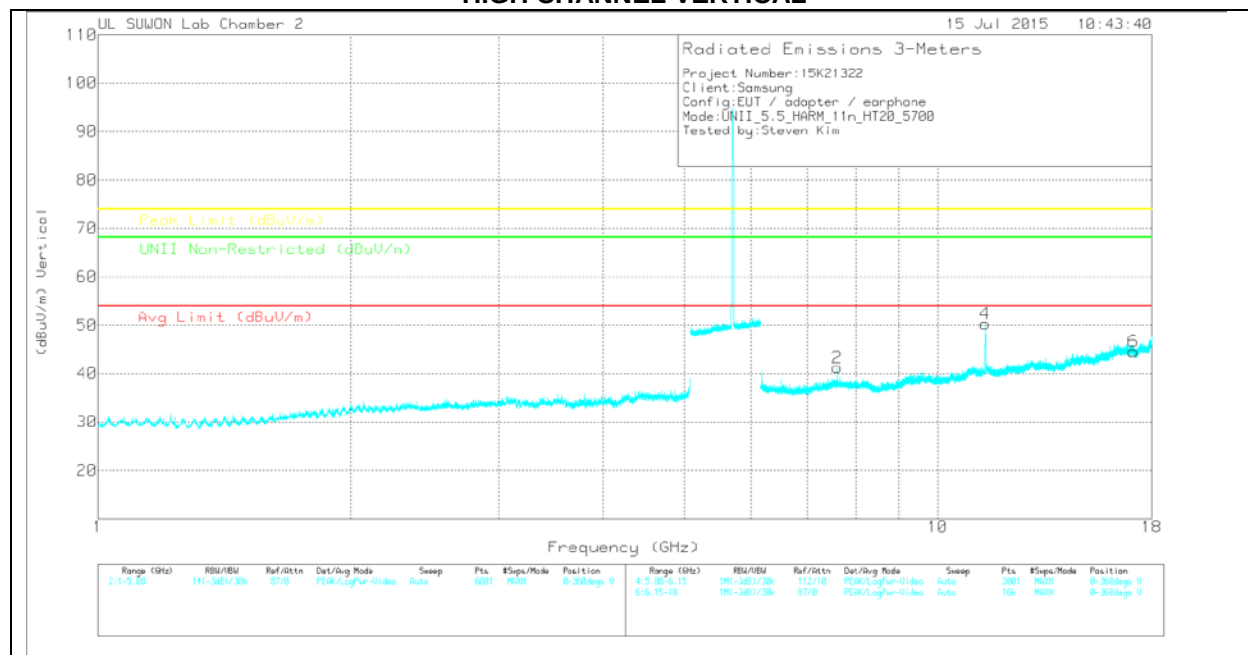
PK-U - U-NII: Maximum Peak

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	* 7.604	23.78	PK	36.1	-21.7	0	38.18	-	-	74	-35.82	-	-	0-360	100	H
3	* 11.404	25.47	PK	38.3	-17.2	0	46.57	-	-	74	-27.43	-	-	0-360	200	H
5	17.112	19.71	PK	41.1	-15.3	0	45.51	-	-	-	-	68.2	-22.69	0-360	200	H
2	* 7.599	26.89	PK	36.1	-21.7	0	41.29	-	-	74	-32.71	-	-	0-360	100	V
4	* 11.398	29.13	PK	38.3	-17.2	0	50.23	-	-	74	-23.77	-	-	0-360	200	V
6	17.11	18.81	PK	41.1	-15.3	0	44.61	-	-	-	-	68.2	-23.59	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	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
* 11.396	38.36	PK-U	38.3	-17.2	0	59.46	-	-	74	-14.54	-	-	182	356	H
* 11.401	25.61	ADR	38.3	-17.2	.31	47.02	54	-6.98	-	-	-	-	182	356	H
* 11.403	40.63	PK-U	38.3	-17.2	0	61.73	-	-	74	-12.27	-	-	183	170	V
* 11.401	28.26	ADR	38.3	-17.2	.31	49.67	54	-4.33	-	-	-	-	183	170	V

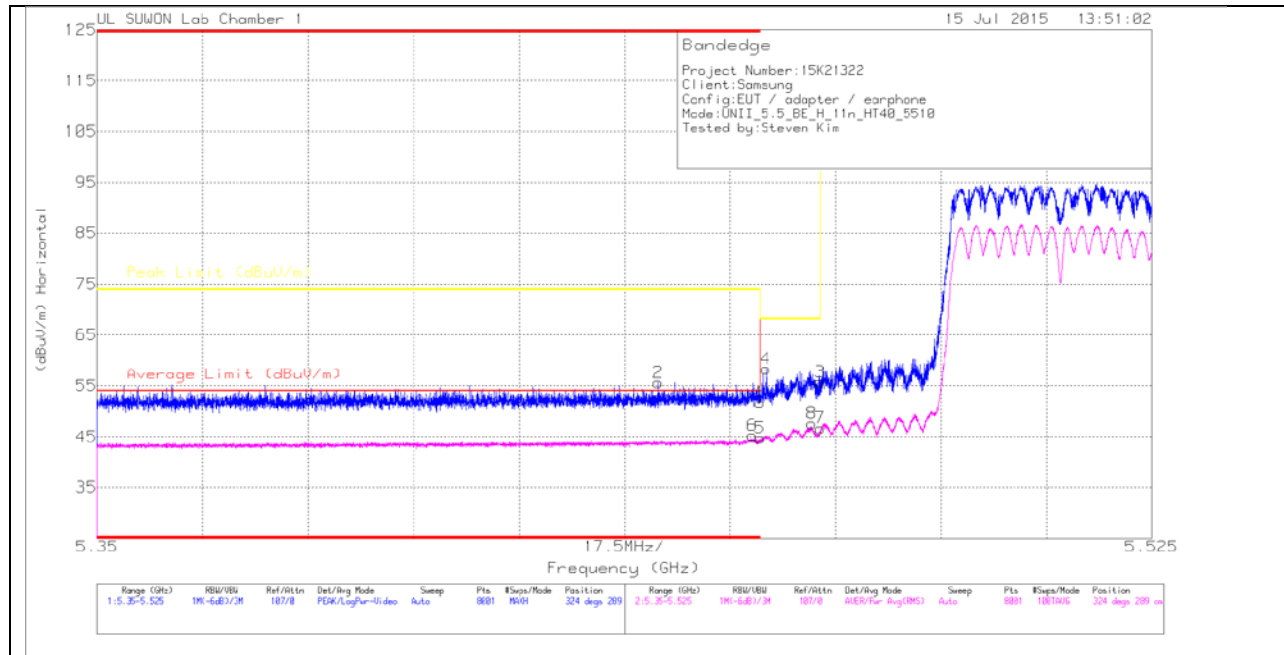
* - indicates frequency in CFR15.205/IC7.2.2 Restricted Band

PK-U - U-NII: Maximum Peak

ADR - U-NII AD primary method, RMS average

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

HORIZONTAL PEAK AND AVERAGE PLOT



HORIZONTAL DATA

TRACE MARKERS

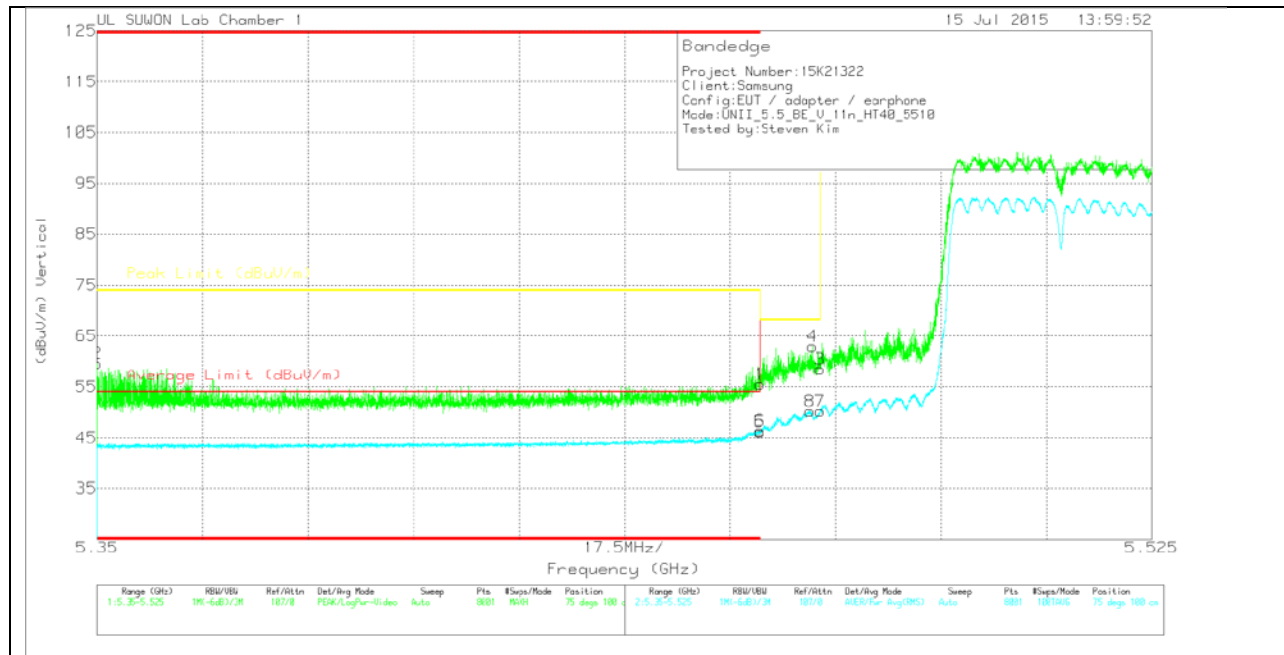
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	3117(001687 17)_150619	Path_2_10d B	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 5.46	36.3	Pk	34.6	-19.2	0	51.7	-	-	74	-22.3	324	289	H
2	* 5.443	40.3	Pk	34.6	-19.2	0	55.7	-	-	74	-18.3	324	289	H
3	5.47	40.36	Pk	34.6	-19.2	0	55.76	-	-	68.2	-12.44	324	289	H
4	5.461	42.97	Pk	34.6	-19.2	0	58.37	-	-	68.2	-9.83	324	289	H
5	* 5.46	28.24	RMS	34.6	-19.2	.61	44.25	54	-9.75	-	-	324	289	H
6	* 5.459	28.67	RMS	34.6	-19.2	.61	44.68	54	-9.32	-	-	324	289	H
7	5.47	30.14	RMS	34.6	-19.2	.61	46.15	-	-	-	-	324	289	H
8	5.469	31.07	RMS	34.6	-19.2	.61	47.08	-	-	-	-	324	289	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 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	40.13	Pk		-19.2	0	55.53	-	-	74	-18.47	75	100	V
2	* 5.35	44.78	Pk		-19.7	0	59.58	-	-	74	-14.42	75	100	V
3	5.47	43.06	Pk		-19.2	0	58.46	-	-	68.2	-9.74	75	100	V
4	5.469	47.52	Pk		-19.2	0	62.92	-	-	68.2	-5.28	75	100	V
5	* 5.46	30.12	RMS		-19.2	.61	46.13	54	-7.87	-	-	75	100	V
6	* 5.46	30.35	RMS		-19.2	.61	46.36	54	-7.64	-	-	75	100	V
7	5.47	34.22	RMS		-19.2	.61	50.23	-	-	-	-	75	100	V
8	5.468	34.21	RMS		-19.2	.61	50.22	-	-	-	-	75	100	V

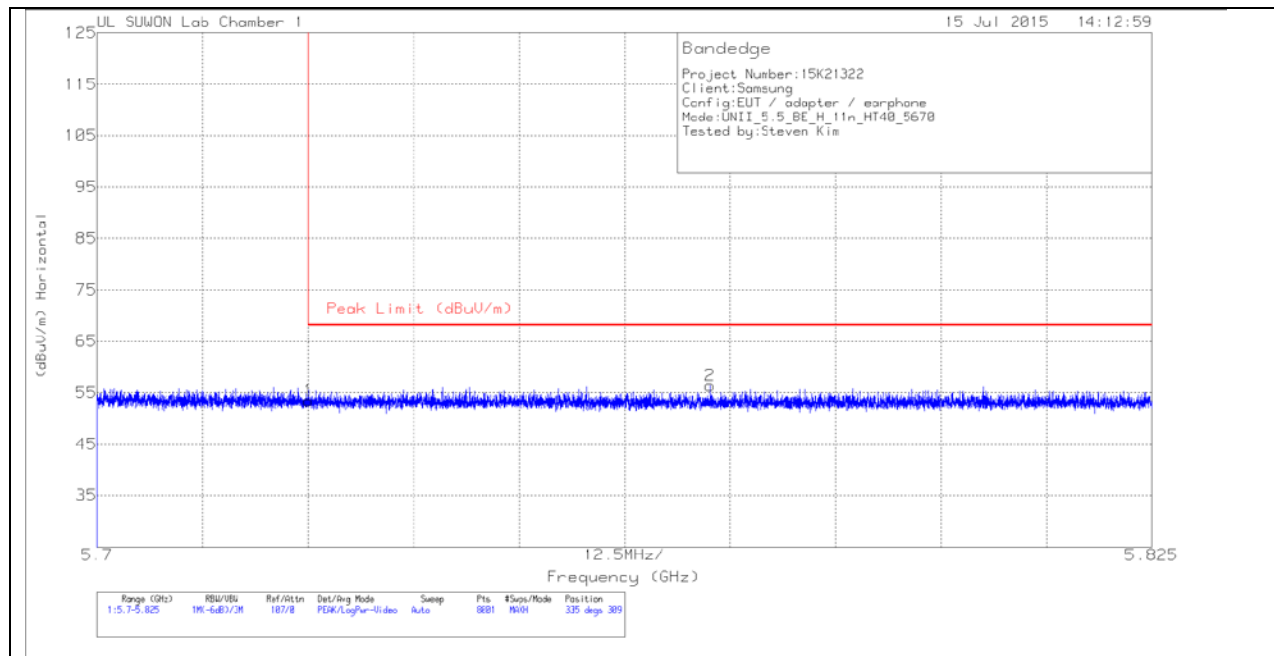
* - indicates frequency in CFR15.205/IC7.2.2 Restricted Band

Pk - Peak detector

RMS - RMS detection

AUTHORIZED BANDEDGE (HIGH CHANNEL)

HORIZONTAL PEAK AND AVERAGE PLOT



HORIZONTAL DATA

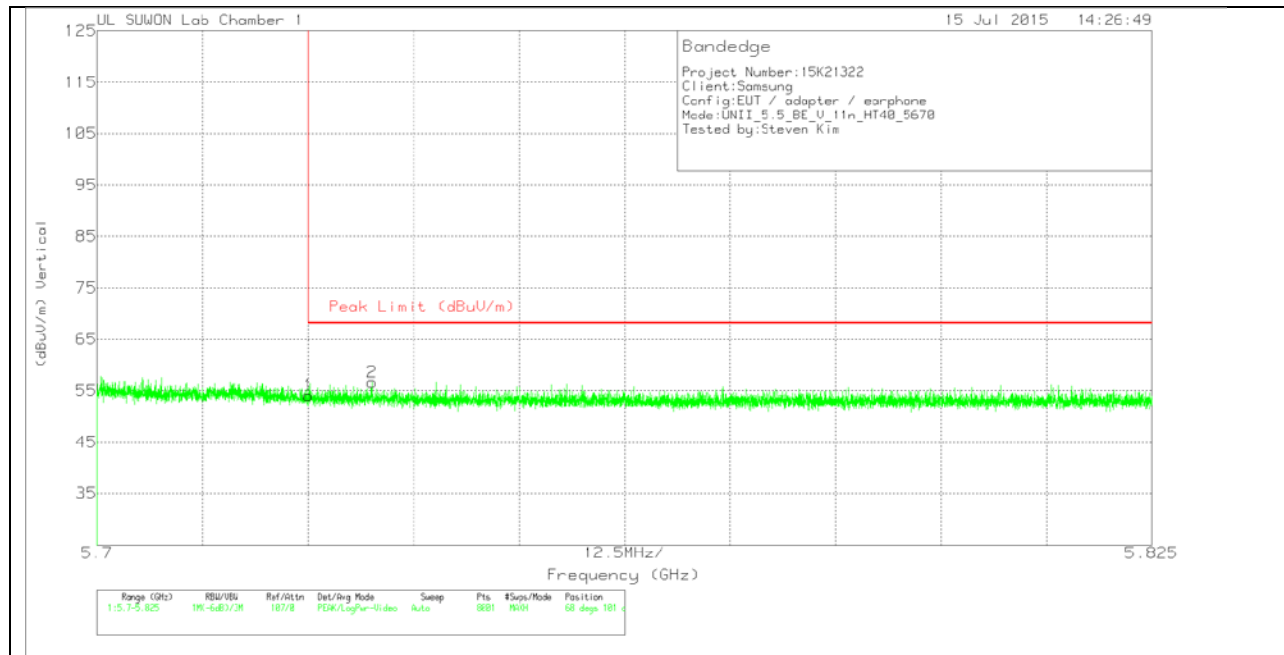
TRACE MARKERS

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	37.5	Pk	34.8	-18.8	0	53.5	68.2	-14.7	335	309	H
2	5.773	40.36	Pk	34.8	-18.8	0	56.36	68.2	-11.84	335	309	H

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

Pk - Peak detector

VERTICAL PEAK AND AVERAGE PLOT



VERTICAL DATA

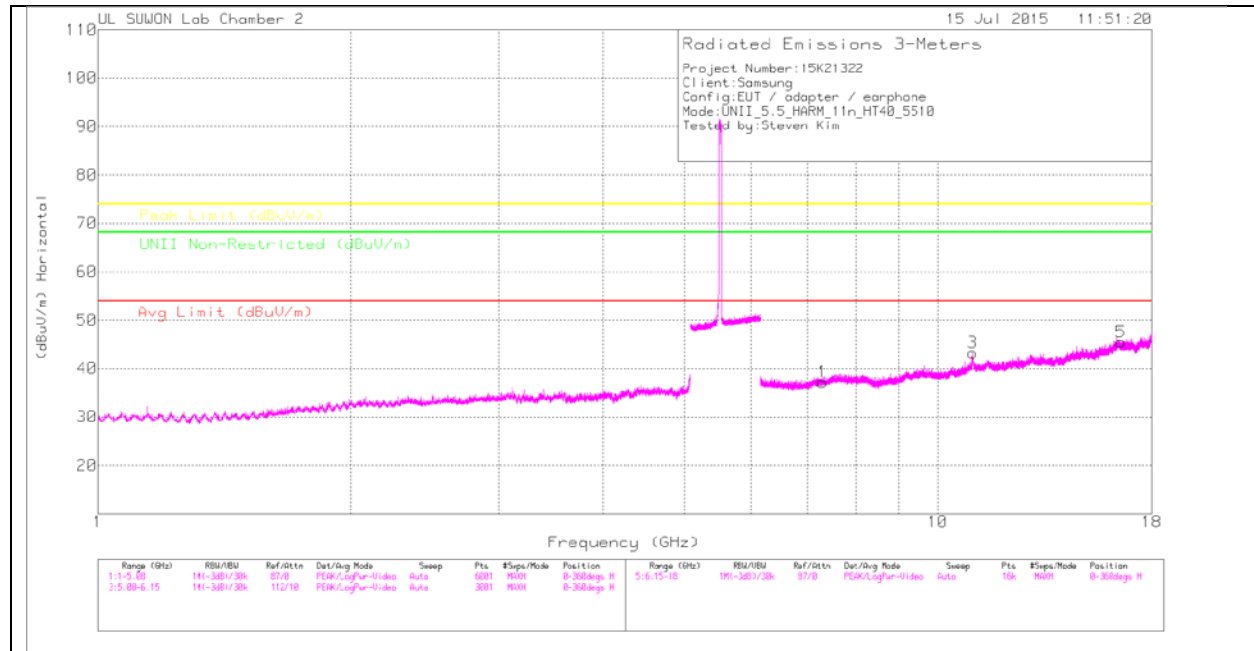
TRACE MARKERS

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	38.11	Pk	34.8	-18.8	0	54.11	68.2	-14.09	68	101	V
2	5.733	40.69	Pk	34.8	-18.8	0	56.69	68.2	-11.51	68	101	V

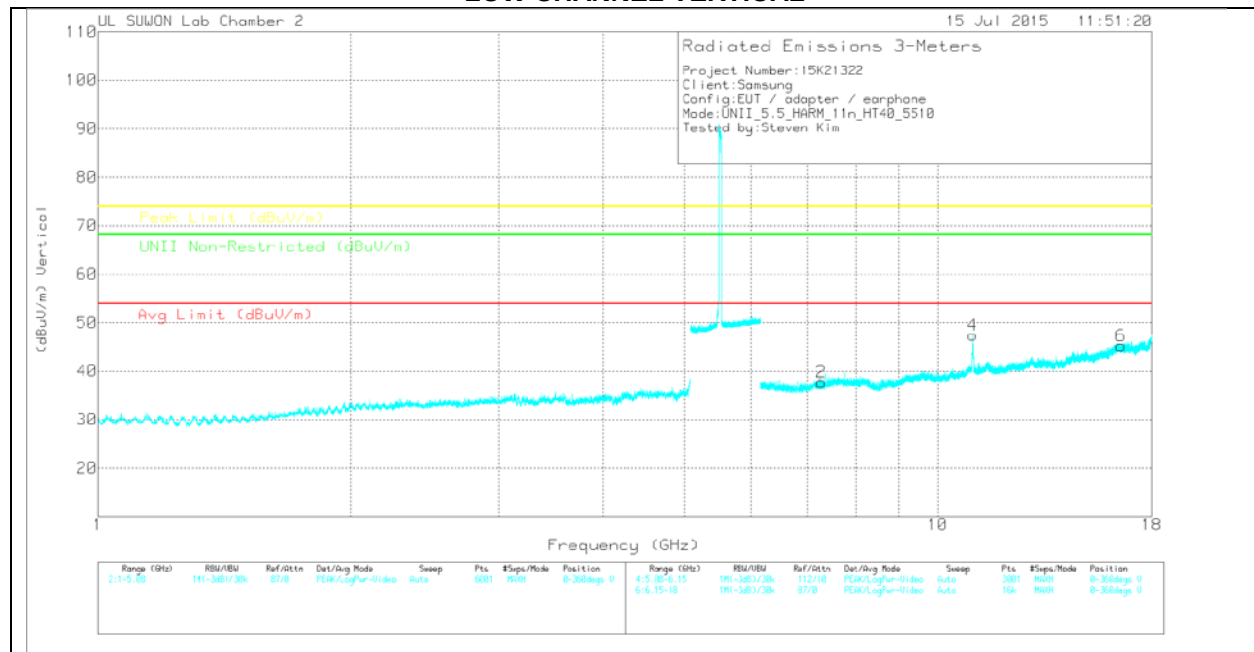
Pk - Peak detector

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 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	* 7.294	23.58	PK	35.8	-22.1	0	37.28	-	-	74	-36.72	-	-	0-360	100	H
3	* 11.021	22.85	PK	38	-17.6	0	43.25	-	-	74	-30.75	-	-	0-360	200	H
5	16.543	20.59	PK	41	-16.1	0	45.49	-	-	-	-	68.2	-22.71	0-360	100	H
2	* 7.27	24.16	PK	35.8	-22.2	0	37.76	-	-	74	-36.24	-	-	0-360	100	V
4	* 11.019	27.05	PK	38	-17.6	0	47.45	-	-	74	-26.55	-	-	0-360	200	V
6	16.54	20.36	PK	41	-16.1	0	45.26	-	-	-	-	68.2	-22.94	0-360	100	V

* - indicates frequency

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
* 11.028	34.96	PK-U	38	-17.7	0	55.26	-	-	74	-18.74	-	-	143	331	H
* 11.021	20.5	ADR	38	-17.6	.61	41.51	54	-12.49	-	-	-	-	143	331	H
* 11.016	37.98	PK-U	38	-17.6	0	58.38	-	-	74	-15.62	-	-	347	342	V
* 11.02	26.11	ADR	38	-17.6	.61	47.12	54	-6.88	-	-	-	-	347	342	V

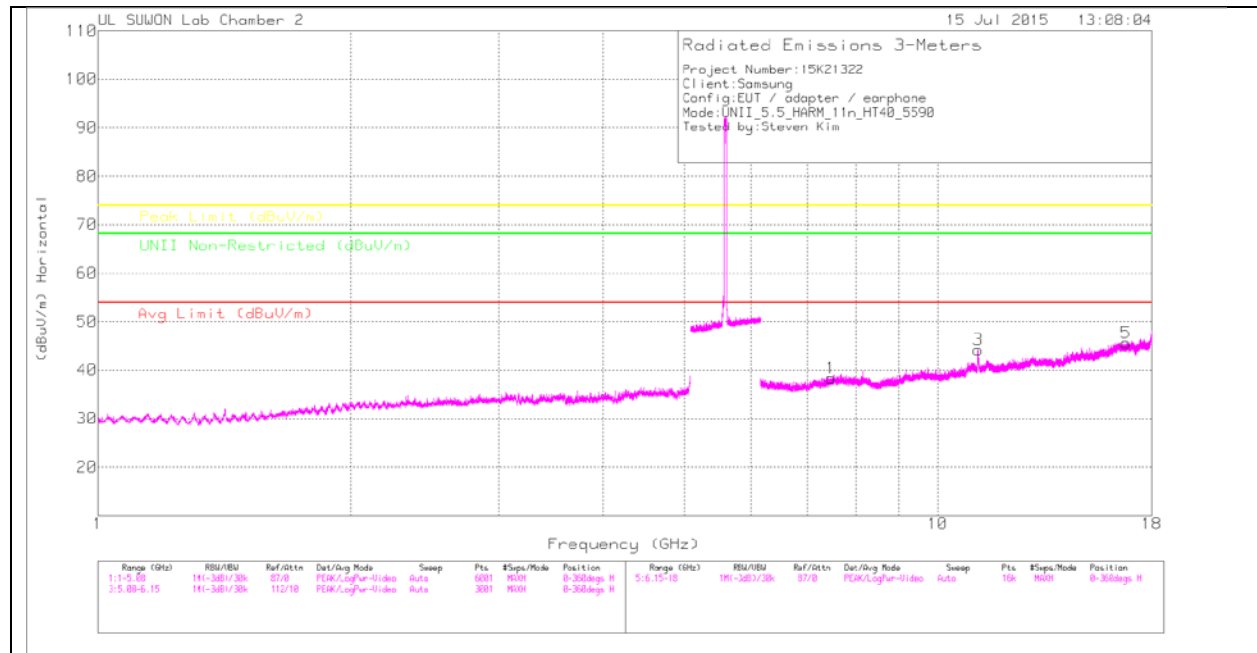
* - indicates frequency in CFR15.205/IC7.2.2 Restricted Band

PK-U - U-NII: Maximum Peak

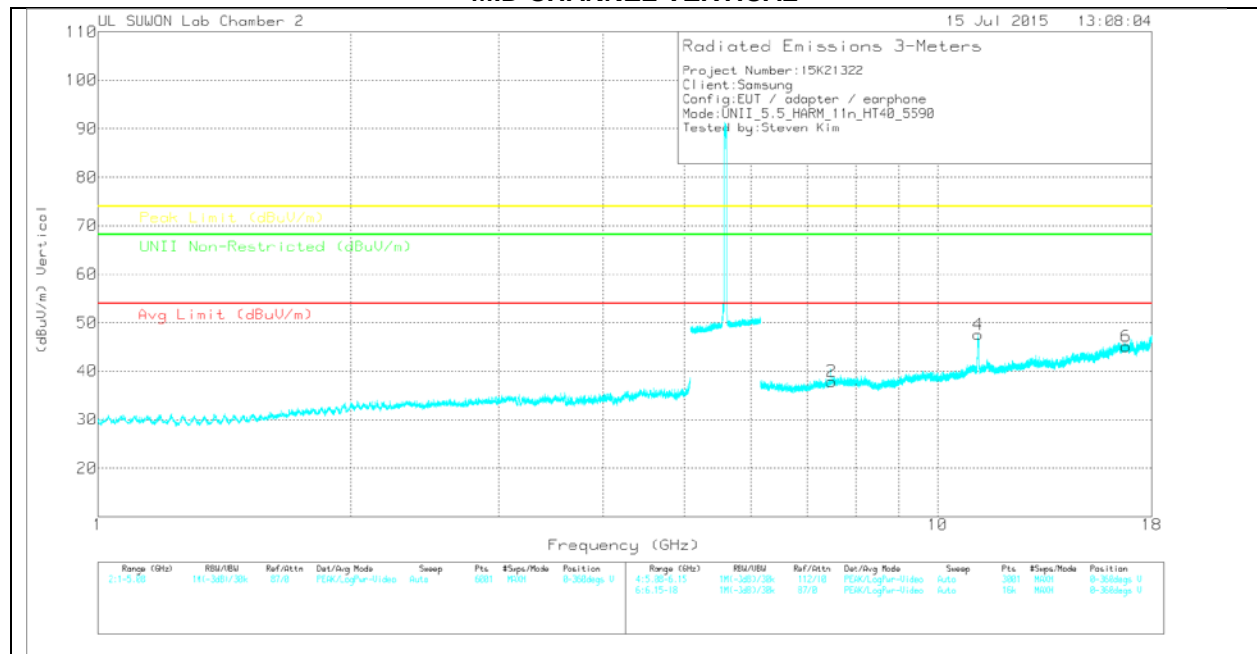
ADR - U-NII AD primary method, RMS average

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 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	* 7.47	24.66	PK	36	-22.3	0	38.36	-	-	74	-35.64	-	-	0-360	100	H
3	* 11.181	23.76	PK	38.1	-17.7	0	44.16	-	-	74	-29.84	-	-	0-360	200	H
5	16.766	20.17	PK	41	-15.5	0	45.67	-	-	-	-	68.2	-22.53	0-360	200	H
2	* 7.482	24.07	PK	36	-22.2	0	37.87	-	-	74	-36.13	-	-	0-360	100	V
4	* 11.181	27.19	PK	38.1	-17.7	0	47.59	-	-	74	-26.41	-	-	0-360	200	V
6	16.762	19.67	PK	41	-15.5	0	45.17	-	-	-	-	68.2	-23.03	0-360	200	V

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

PK – Peak Detector

Radiated Emissions

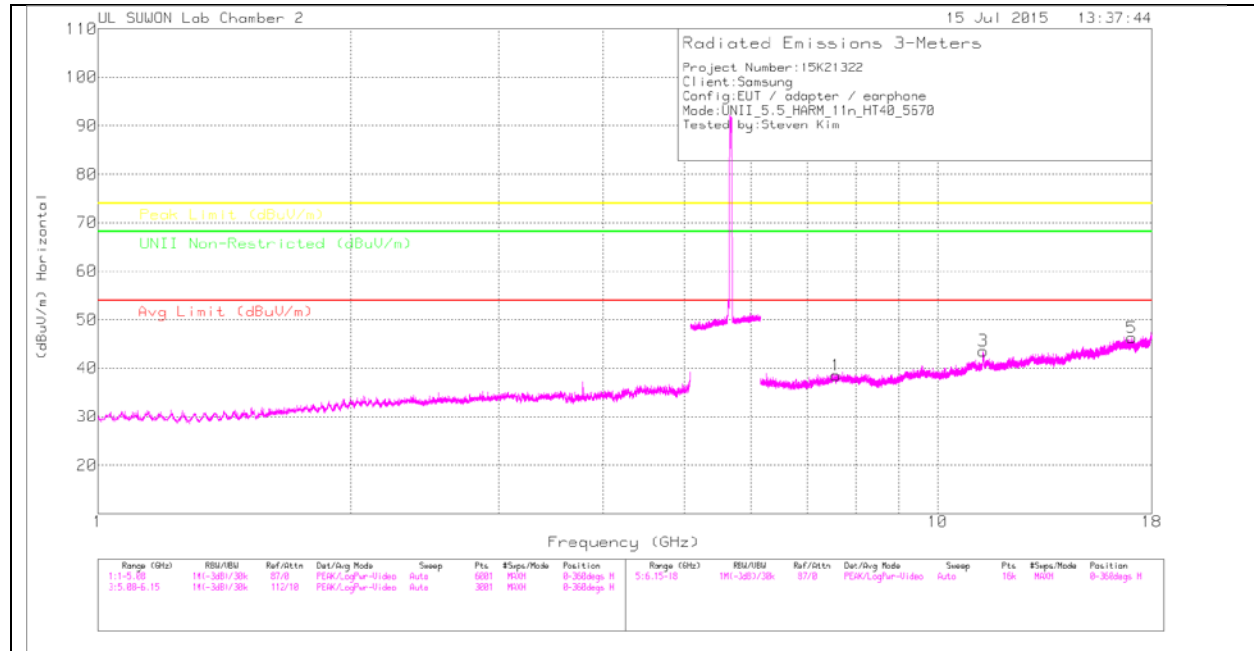
Frequency (GHz)	Meter Reading (dBuV)	Det	3117/001687 24_150619	Path_5	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	UNII Non-Restricted (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
* 11.179	35.13	PK-U	38.1	-17.7	0	55.53	-	-	74	-18.47	-	-	167	362	H
* 11.179	22.68	ADR	38.1	-17.7	.61	43.69	54	-10.31	-	-	-	-	167	362	H
* 11.177	40.05	PK-U	38.1	-17.7	0	60.45	-	-	74	-13.55	-	-	348	332	V
* 11.181	25.23	ADR	38.1	-17.7	.61	46.24	54	-7.76	-	-	-	-	348	332	V

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

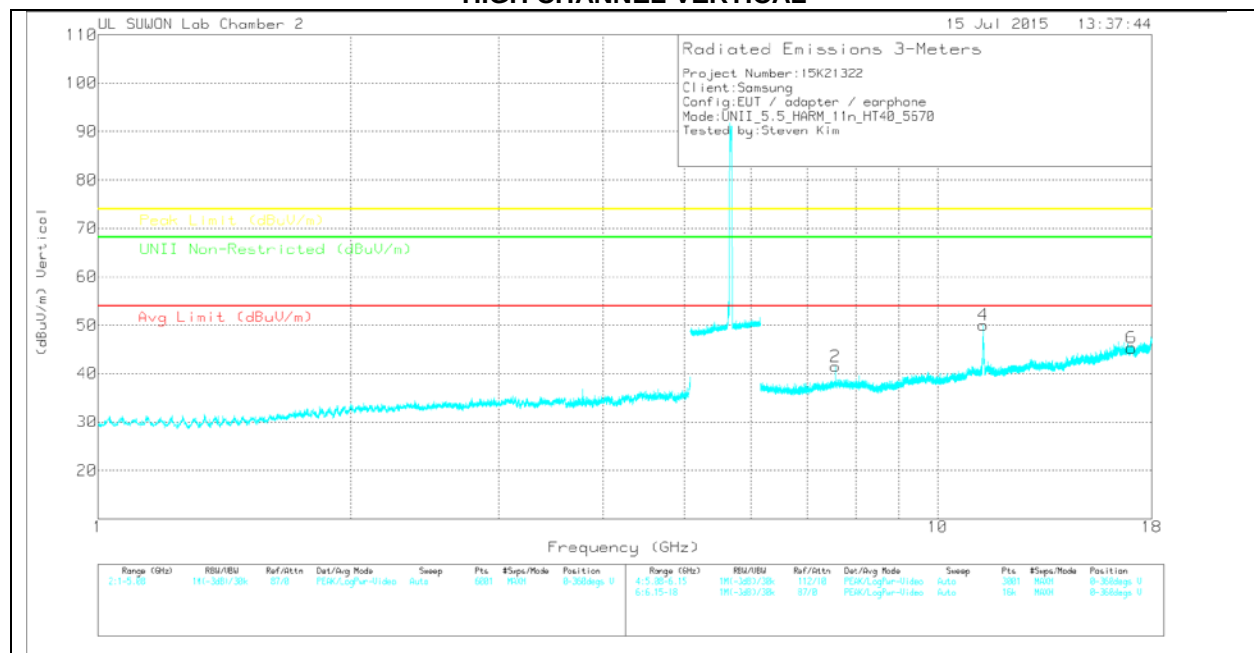
PK-U - U-NII: Maximum Peak

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	* 7.573	24.09	PK	36.1	-21.7	0	38.49	-	-	74	-35.51	-	-	0-360	200	H
3	* 11.343	22.36	PK	38.2	-17	0	43.56	-	-	74	-30.44	-	-	0-360	200	H
5	17.028	20.41	PK	41.1	-15.2	0	46.31	-	-	-	-	68.2	-21.89	0-360	200	H
2	* 7.56	27.14	PK	36.1	-21.7	0	41.54	-	-	74	-32.46	-	-	0-360	200	V
4	* 11.338	28.88	PK	38.2	-17.1	0	49.98	-	-	74	-24.02	-	-	0-360	200	V
6	17.022	19.41	PK	41.1	-15.2	0	45.31	-	-	-	-	68.2	-22.89	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
* 11.348	34.94	PK-U	38.2	-17	0	56.14	-	-	74	-17.86	-	-	150	164	H
* 11.34	22.76	ADR	38.2	-17.1	.61	44.47	54	-9.53	-	-	-	-	150	164	H
* 11.336	37.62	PK-U	38.2	-17.1	0	58.72	-	-	74	-15.28	-	-	184	345	V
* 11.341	24.76	ADR	38.2	-17.1	.61	46.47	54	-7.53	-	-	-	-	184	345	V

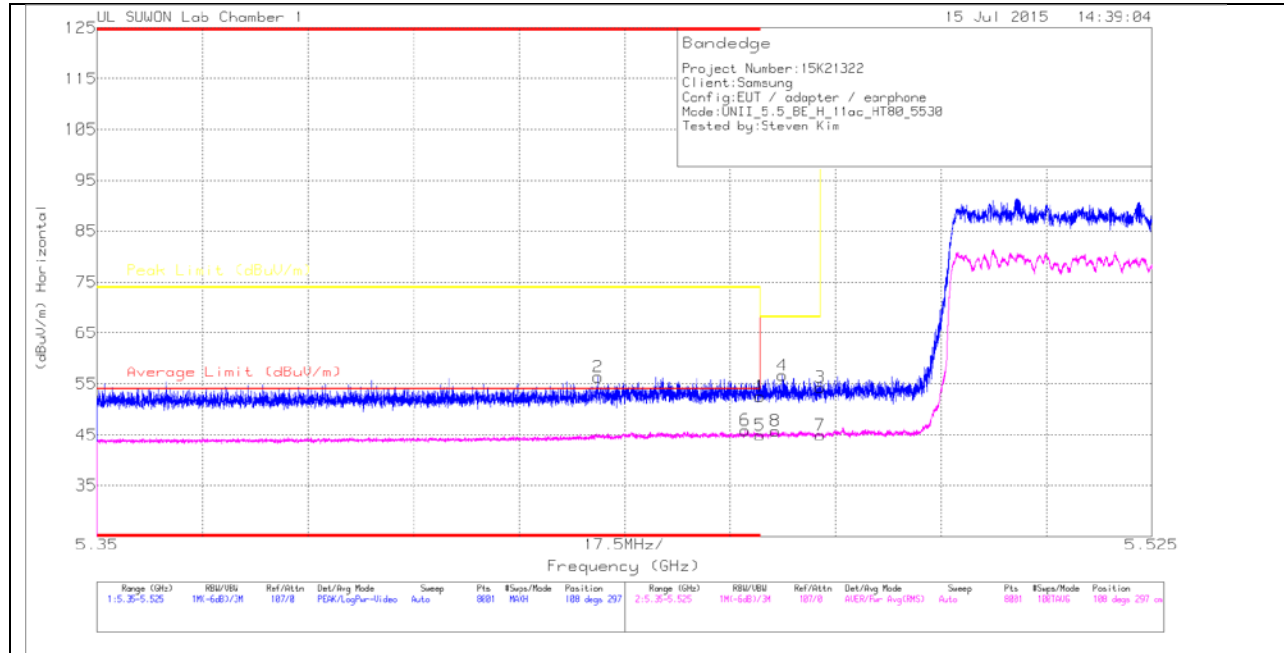
* - indicates frequency in CFR15.205/IC7.2.2 Restricted Band

PK-U - U-NII: Maximum Peak

ADR - U-NII AD primary method, RMS average

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

HORIZONTAL PEAK AND AVERAGE PLOT



HORIZONTAL DATA

TRACE MARKERS

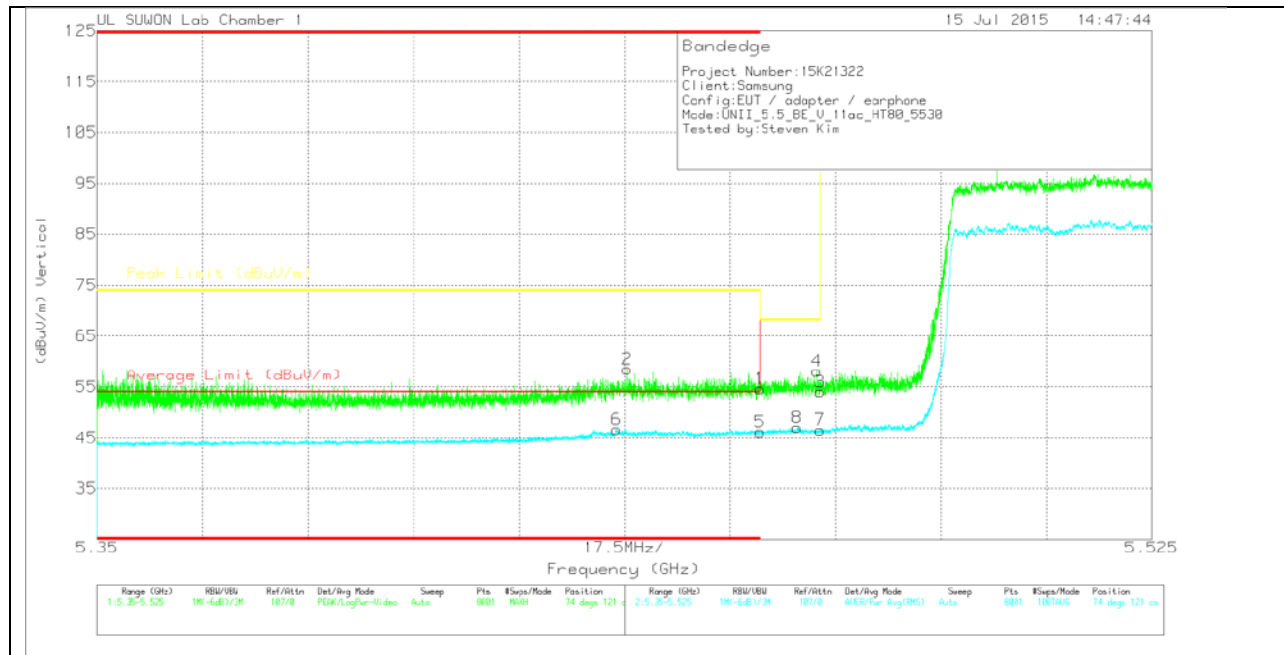
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	3117/001687 17_150619	Path_2_10d B	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 5.46	37.17	Pk		-19.2	0	52.57	-	-	74	-21.43	108	297	H
2	* 5.433	40.93	Pk		-19.2	0	56.33	-	-	74	-17.67	108	297	H
3	5.47	38.88	Pk		-19.2	0	54.28	-	-	68.2	-13.92	108	297	H
4	5.464	41.27	Pk		-19.2	0	56.67	-	-	68.2	-11.53	108	297	H
5	* 5.46	28.34	RMS		-19.2	1.14	44.88	54	-9.12	-	-	108	297	H
6	* 5.458	29.28	RMS		-19.2	1.14	45.82	54	-8.18	-	-	108	297	H
7	5.47	28.37	RMS		-19.2	1.14	44.91	-	-	-	-	108	297	H
8	5.463	29.23	RMS		-19.2	1.14	45.77	-	-	-	-	108	297	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 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	39.22	Pk		-19.2	0	54.62	-	-	74	-19.38	74	121	V
2	* 5.438	43.13	Pk		-19.2	0	58.53	-	-	74	-15.47	74	121	V
3	5.47	38.65	Pk		-19.2	0	54.05	-	-	68.2	-14.15	74	121	V
4	5.469	42.73	Pk		-19.2	0	58.13	-	-	68.2	-10.07	74	121	V
5	* 5.46	29.59	RMS		-19.2	1.14	46.13	54	-7.87	-	-	74	121	V
6	* 5.436	30.12	RMS		-19.2	1.14	46.66	54	-7.34	-	-	74	121	V
7	5.47	30.01	RMS		-19.2	1.14	46.55	-	-	-	-	74	121	V
8	5.466	30.49	RMS		-19.2	1.14	47.03	-	-	-	-	74	121	V

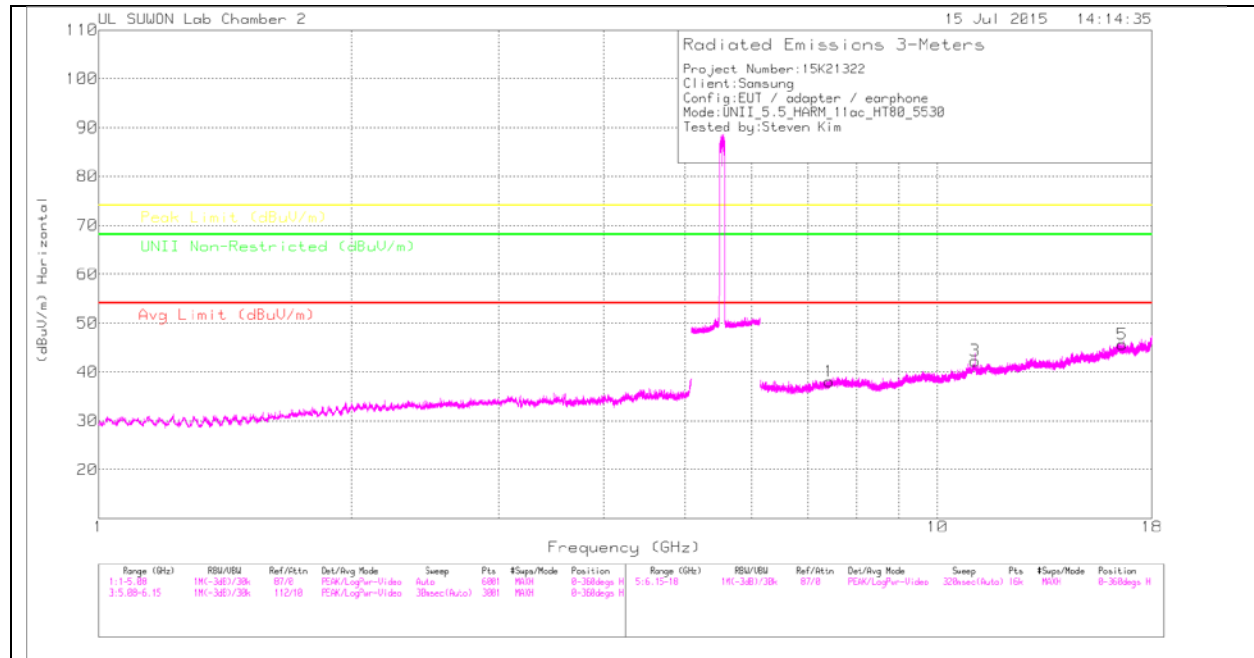
* - indicates frequency in CFR15.205/IC7.2.2 Restricted Band

Pk - Peak detector

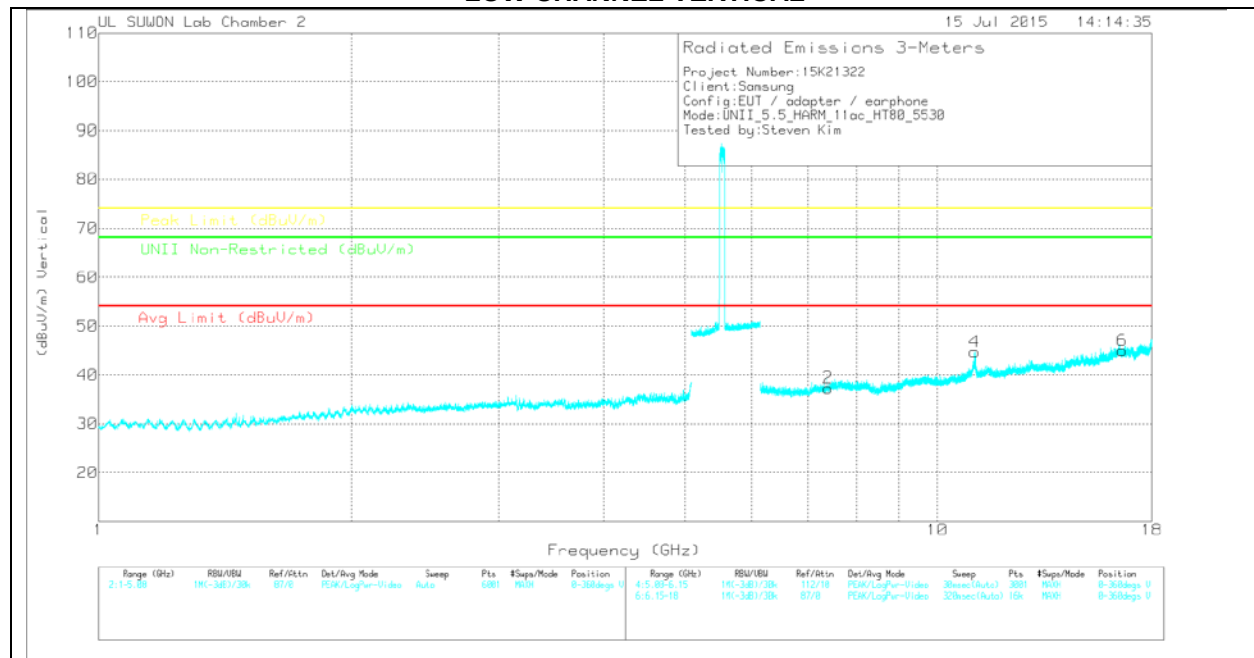
RMS - RMS detection

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	* 7.432	24.43	PK	36	-22.4	0	38.03	-	-	74	-35.97	-	-	0-360	100	H
3	* 11.074	21.87	PK	38.1	-17.7	0	42.27	-	-	74	-31.73	-	-	0-360	200	H
5	16.582	20.62	PK	41	-16	0	45.62	-	-	-	-	68.2	-22.58	0-360	200	H
2	* 7.405	23.83	PK	36	-22.5	0	37.33	-	-	74	-36.67	-	-	0-360	200	V
4	* 11.072	24.29	PK	38.1	-17.7	0	44.69	-	-	74	-29.31	-	-	0-360	100	V
6	16.583	20.02	PK	41	-16	0	45.02	-	-	-	-	68.2	-23.18	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
* 11.077	32.97	PK-U	38.1	-17.6	0	53.47	-	-	74	-20.53	-	-	188	339	H
* 11.081	20.1	ADR	38.1	-17.6	1.14	41.74	54	-12.26	-	-	-	-	188	339	H
* 11.076	33.16	PK-U	38.1	-17.6	0	53.66	-	-	74	-20.34	-	-	347	241	V
* 11.088	19.98	ADR	38.1	-17.6	1.14	41.62	54	-12.38	-	-	-	-	347	241	V

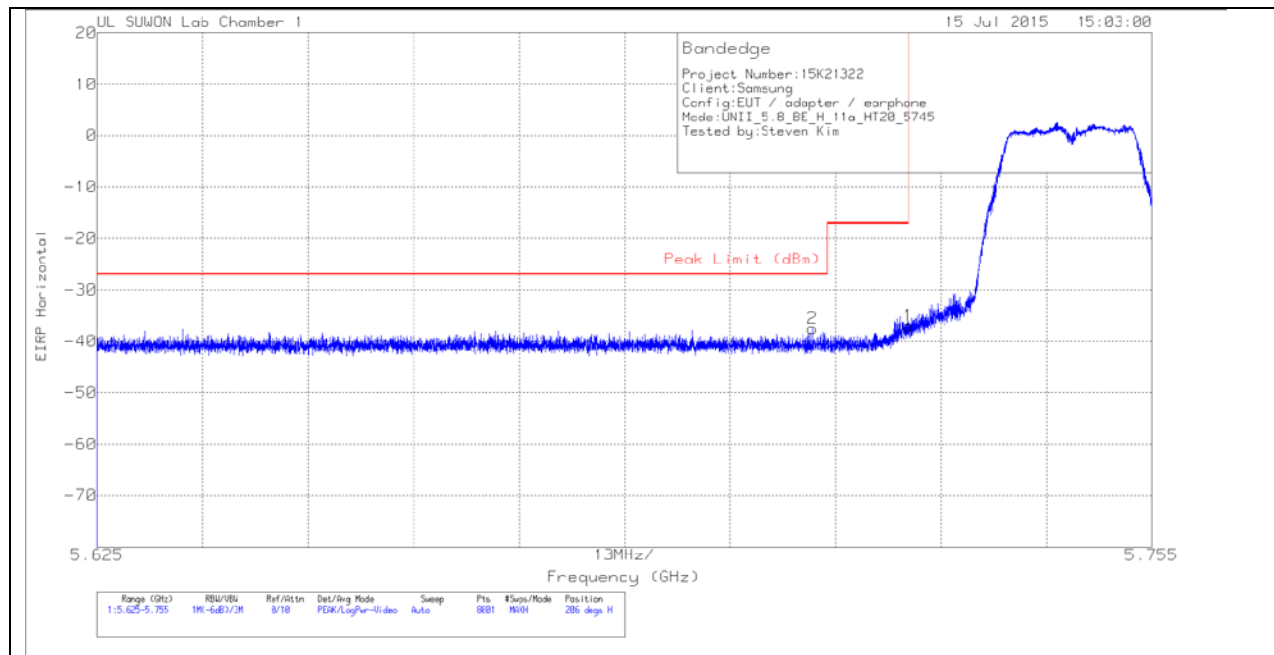
* - indicates frequency in CFR15.205/IC7.2.2 Restricted Band

PK-U - U-NII: Maximum Peak

ADR - U-NII AD primary method, RMS average

10.4. 5.8 GHz

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



HORIZONTAL DATA

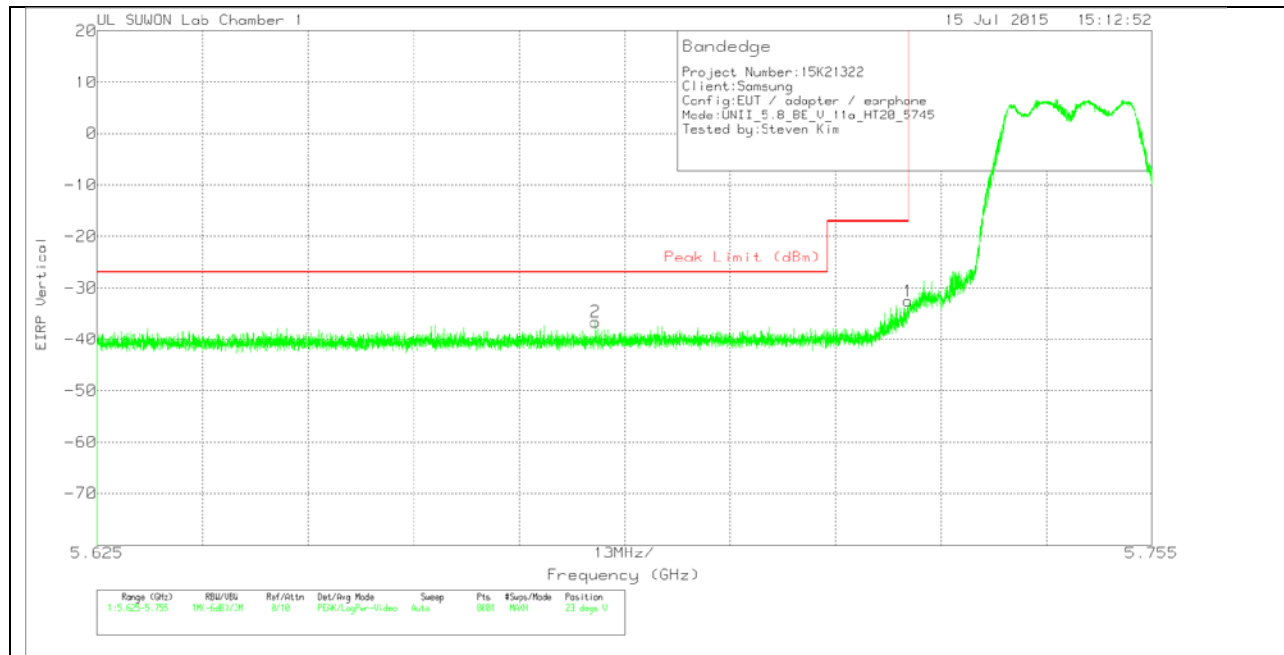
TRACE MARKERS

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	-64.76	Pk	34.8	-18.8	11.8	0	-36.96	-17	-19.96	206	167	H
2	5.713	-65.29	Pk	34.8	-18.8	11.8	0	-37.49	-27	-10.49	206	167	H

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

Pk - Peak detector

VERTICAL PEAK PLOT



VERTICAL DATA

TRACE MARKERS

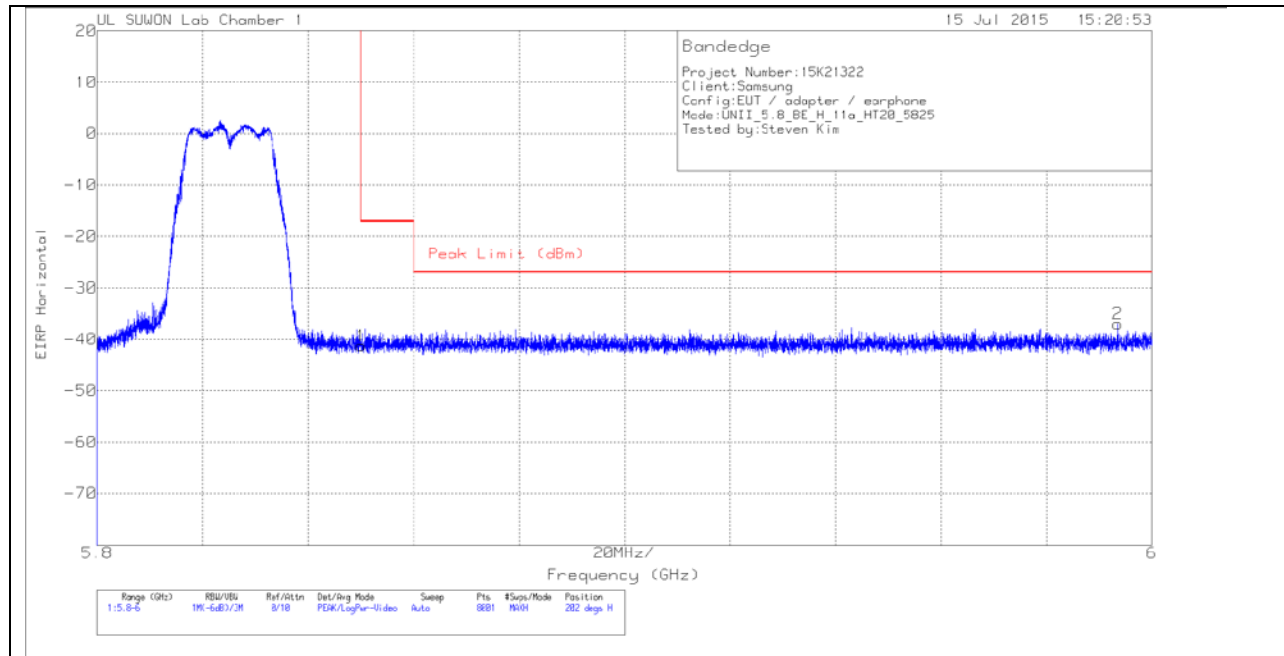
Marker	Frequency (GHz)	Meter Reading (dBm)	Det	3117(0016 8717)_150 619	Path_2_10 dB	Conversion Factor (dB)	DC Corr (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.725	-60.43	PK	34.8	-18.8	11.8	0	-32.63	-17	-15.63	23	101	V
2	5.686	-64.35	PK	34.8	-18.9	11.8	0	-36.65	-27	-9.65	23	101	V

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

Pk - Peak detector

AUTHORIZED BANDEDGE (HIGH CHANNEL)

HORIZONTAL PEAK PLOT



HORIZONTAL DATA

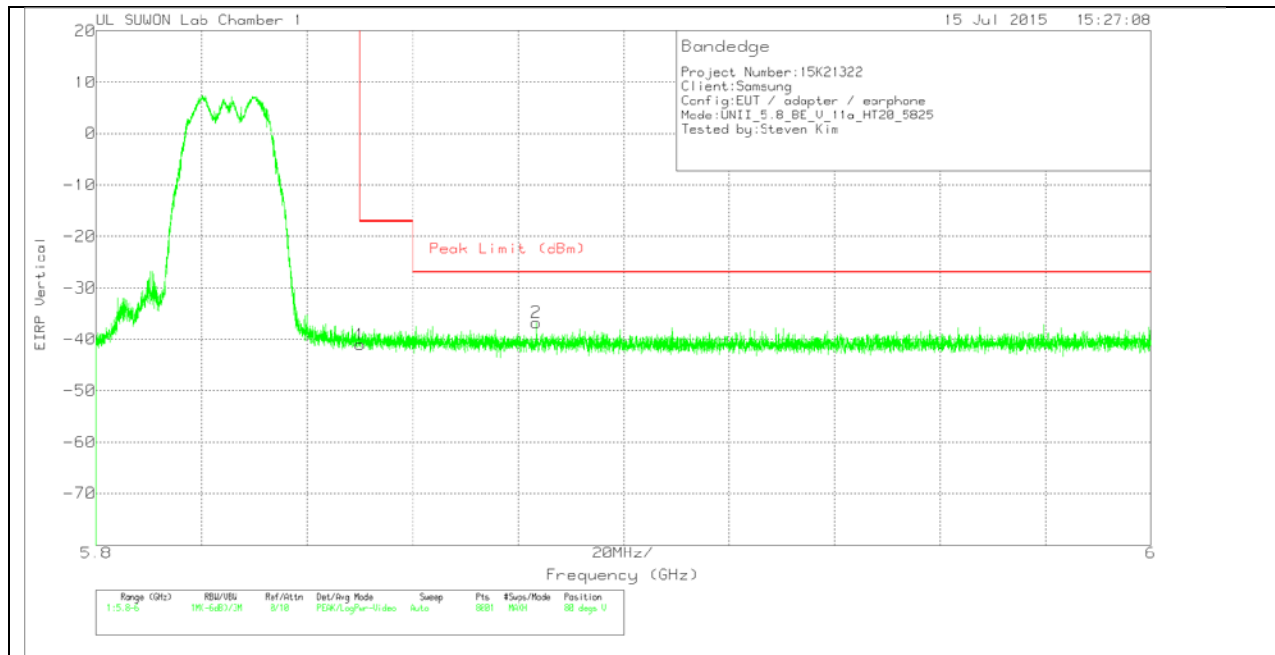
TRACE MARKERS

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	-69.09	Pk	34.9	-18.9	11.8	0	-41.29	-17	-24.29	202	182	H
2	5.993	-65.12	Pk	34.9	-18.6	11.8	0	-37.02	-27	-10.02	202	182	H

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

Pk - Peak detector

VERTICAL PEAK PLOT



VERTICAL DATA

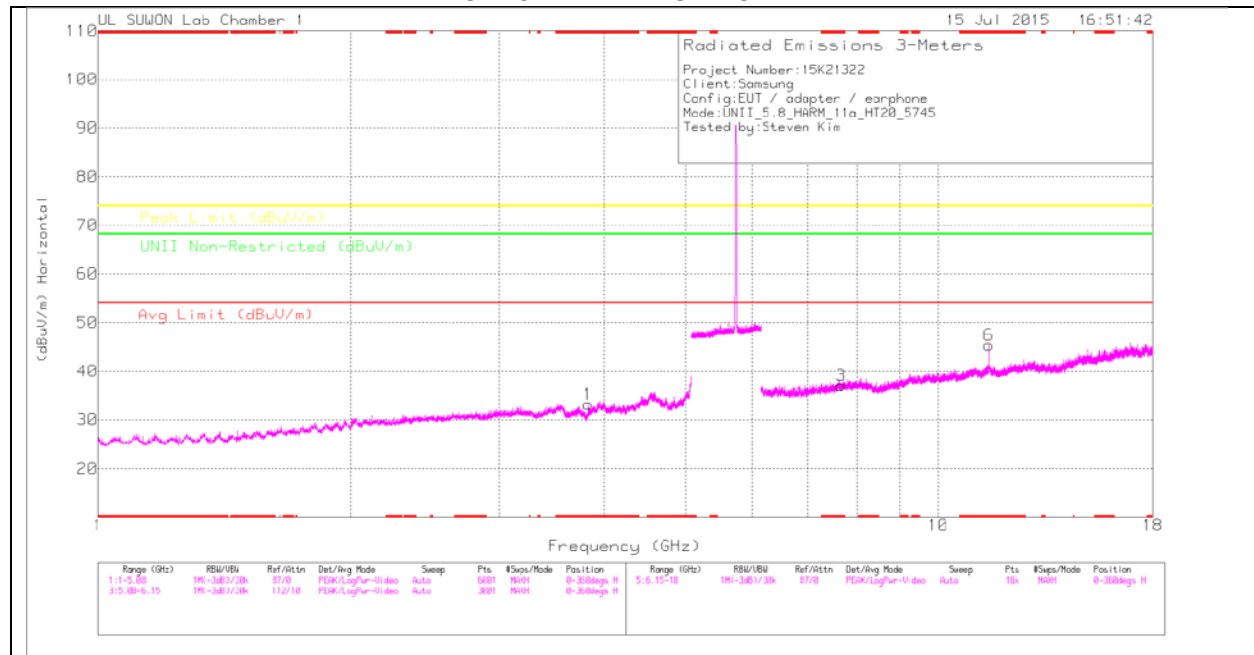
TRACE MARKERS

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	-68.86	Pk	34.9	-18.9	11.8	0	-41.06	-17	-24.06	80	101	V
2	5.884	-64.56	Pk	34.9	-18.9	11.8	0	-36.76	-27	-9.76	80	101	V

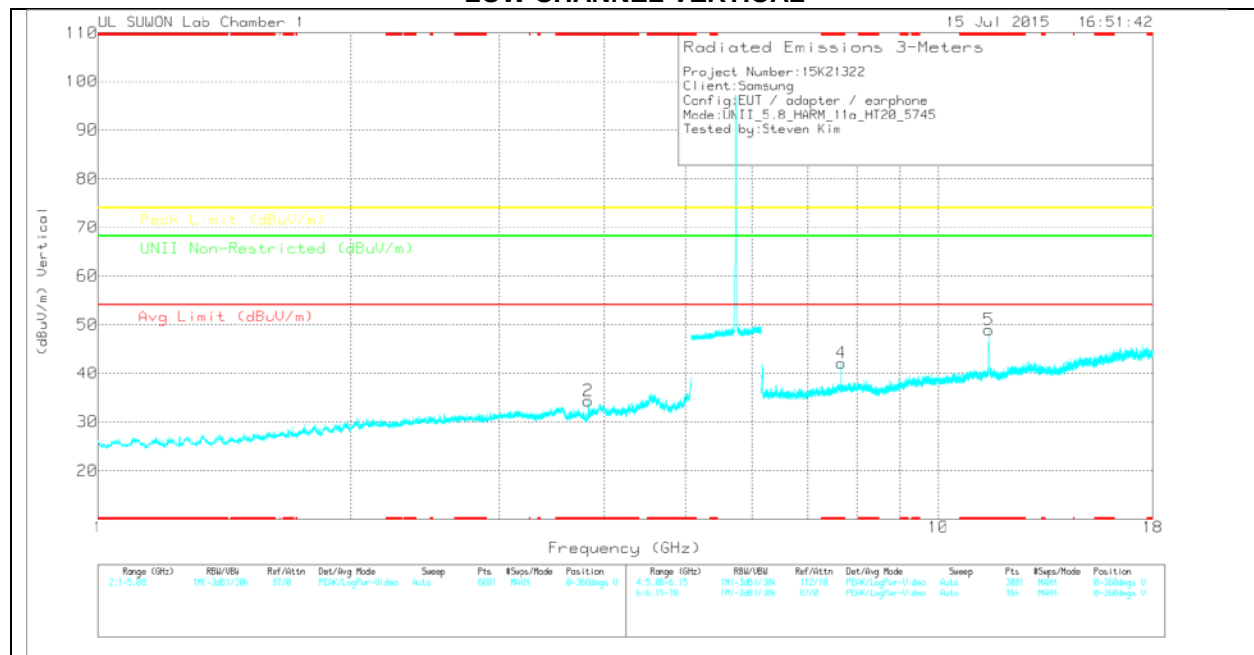
* - indicates frequency in CFR15.205/IC7.2.2 Restricted Band

Pk - Peak detector

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_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	* 3.83	30.38	PK	33.2	-30.4	0	33.18	-	-	74	-40.82	-	-	0-360	200	H
2	* 3.83	31.58	PK	33.2	-30.4	0	34.38	-	-	74	-39.62	-	-	0-360	100	V
3	* 7.659	25.62	PK	36	-24.5	0	37.12	-	-	74	-36.88	-	-	0-360	200	H
6	* 11.49	27.5	PK	38.6	-20.7	0	45.4	-	-	74	-28.6	-	-	0-360	200	H
4	* 7.659	30.58	PK	36	-24.5	0	42.08	-	-	74	-31.92	-	-	0-360	100	V
5	* 11.487	31.09	PK	38.6	-20.7	0	48.99	-	-	74	-25.01	-	-	0-360	100	V

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

PK – Peak detector

Radiated Emissions

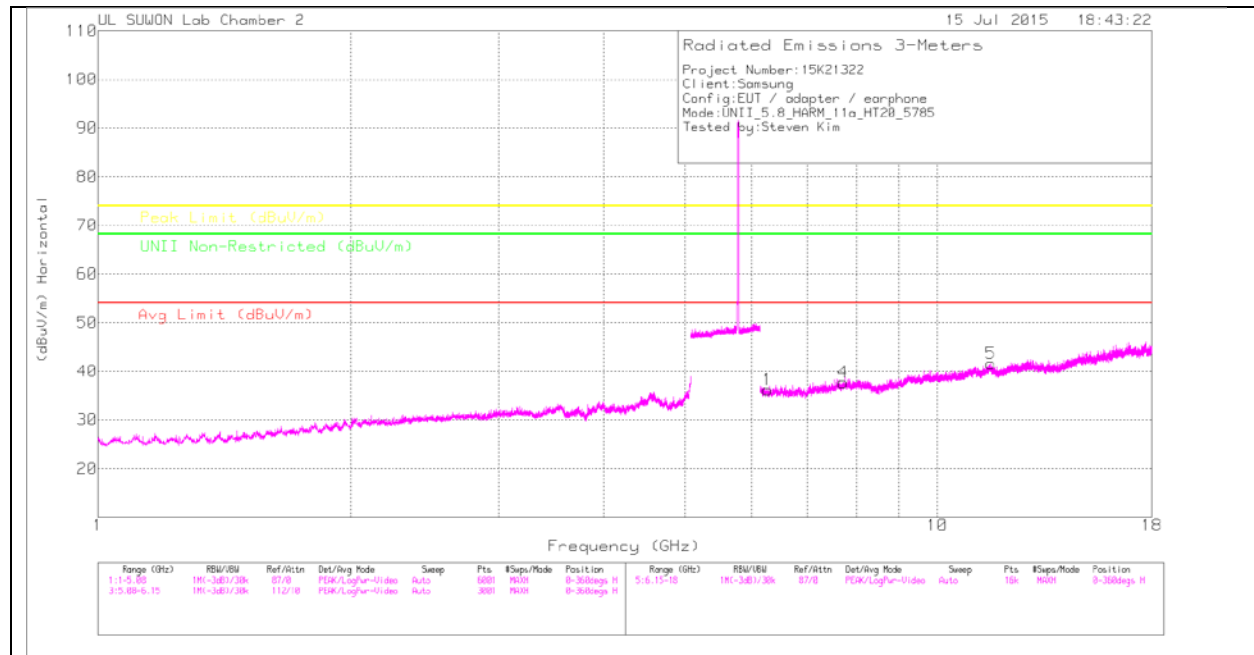
Frequency (GHz)	Meter Reading (dBuV)	Det	3117(001687 17)_150619	Path_4_5GLP	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	UNII Non-Restricted (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
* 3.83	39.99	PK-U	33.2	-30.4	0	42.79	-	-	74	-31.21	-	-	268	400	H
* 3.83	28.2	ADR	33.2	-30.4	0	31	54	-23	-	-	-	-	268	400	H
* 3.831	40.37	PK-U	33.2	-30.4	0	43.17	-	-	74	-30.83	-	-	118	363	V
* 3.83	28.6	ADR	33.2	-30.4	0	31.4	54	-22.6	-	-	-	-	118	363	V
* 11.491	39.19	PK-U	38.6	-20.7	0	57.09	-	-	74	-16.91	-	-	299	348	H
* 11.491	26.82	ADR	38.6	-20.7	.3	45.02	54	-8.98	-	-	-	-	299	348	H
* 7.66	39.26	PK-U	36	-24.5	0	50.76	-	-	74	-23.24	-	-	159	100	V
* 7.66	30.57	ADR	36	-24.5	0	42.07	54	-11.93	-	-	-	-	159	100	V
* 11.492	41.32	PK-U	38.6	-20.7	0	59.22	-	-	74	-14.78	-	-	184	100	V
* 11.492	29.48	ADR	38.6	-20.7	.3	47.68	54	-6.32	-	-	-	-	184	100	V

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

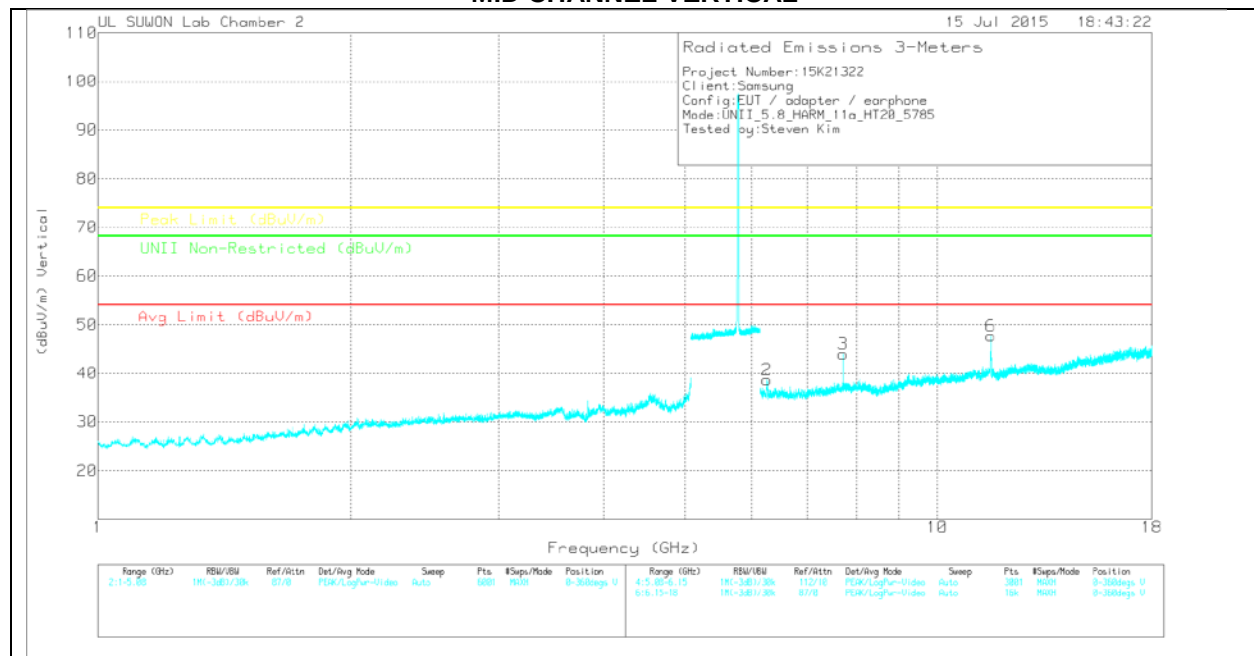
PK-U - U-NII: Maximum Peak

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	6.271	27.71	PK	35.2	-26.7	0	36.21	-	-	-	-	68.2	-31.99	0-360	100	H
4	* 7.713	25.88	PK	36.1	-24.3	0	37.68	-	-	74	-36.32	-	-	0-360	200	H
5	* 11.568	23.49	PK	38.7	-20.6	0	41.59	-	-	74	-32.41	-	-	0-360	200	H
2	6.268	30.11	PK	35.2	-26.7	0	38.61	-	-	-	-	68.2	-29.59	0-360	100	V
3	* 7.713	32.14	PK	36.1	-24.3	0	43.94	-	-	74	-30.06	-	-	0-360	100	V
6	* 11.57	29.46	PK	38.7	-20.5	0	47.66	-	-	74	-26.34	-	-	0-360	100	V

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

Avg - Video bandwidth < Resolution bandwidth

Radiated Emissions

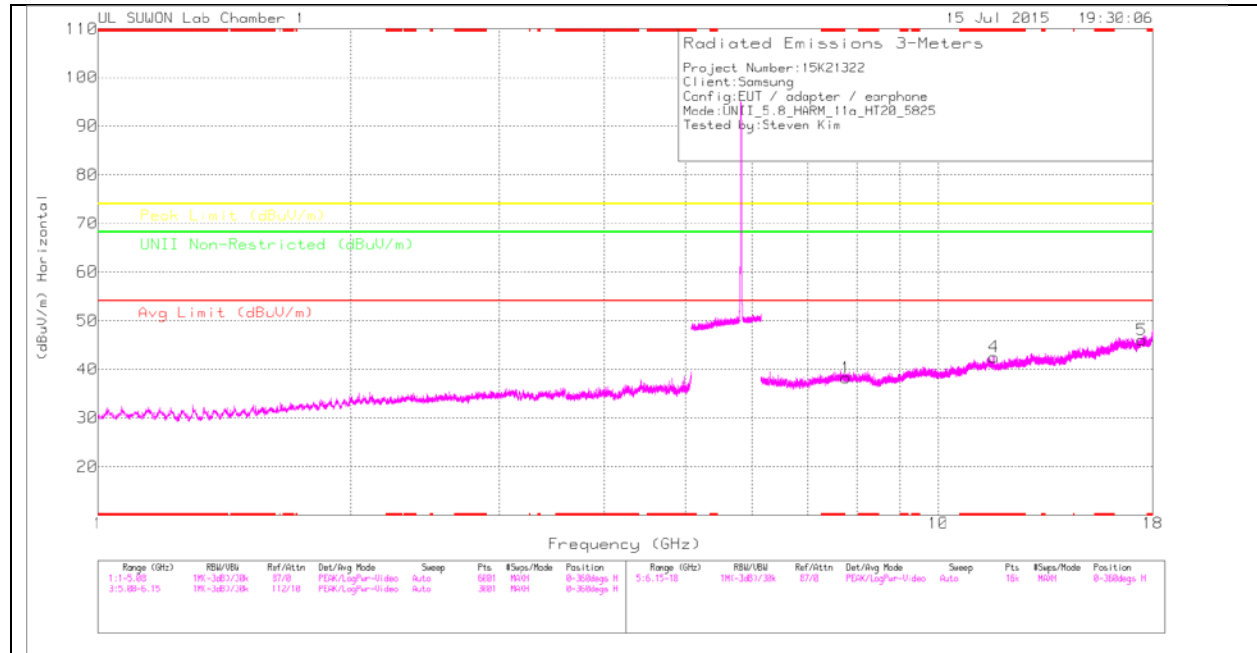
Frequency (GHz)	Meter Reading (dBuV)	Det	3117/001687 17_150619	Path_5_6GH P	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	UNII Non-Restricted (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
6.268	39.41	PK-U	35.2	-26.7	0	47.91	-	-	-	-	68.2	-20.29	61	322	V
* 7.712	37.16	PK-U	36.1	-24.3	0	48.96	-	-	74	-25.04	-	-	23	269	V
* 7.713	26.61	ADR	36.1	-24.3	0	38.41	54	-15.59	-	-	-	-	23	269	V
* 11.569	39.55	PK-U	38.7	-20.6	0	57.65	-	-	74	-16.35	-	-	253	107	V
* 11.57	25.76	ADR	38.7	-20.5	.3	44.26	54	-9.74	-	-	-	-	253	107	V

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

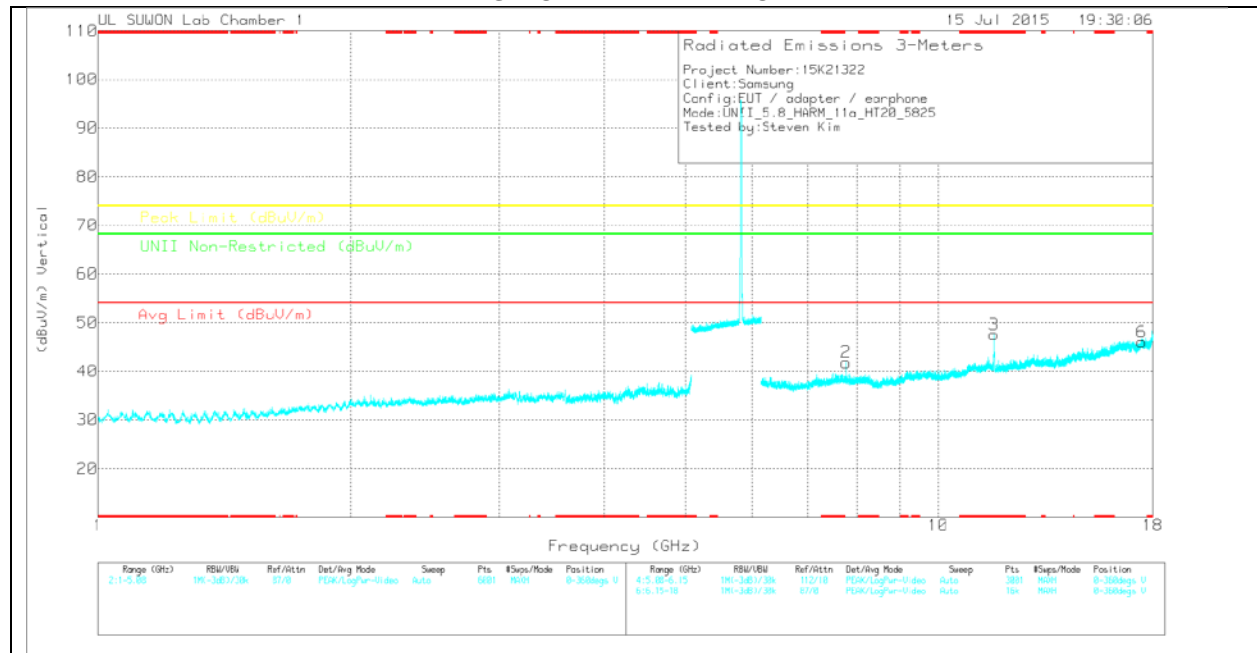
PK-U - U-NII: Maximum Peak

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	7.766	23.82	PK	36	-21.6	0	38.22	-	-	-	-	68.2	-29.98	0-360	200	H
4	* 11.646	21.53	PK	38.4	-17.4	0	42.53	-	-	74	-31.47	-	-	0-360	200	H
5	17.481	19.12	PK	41.3	-14.4	0	46.02	-	-	-	-	68.2	-22.18	0-360	200	H
2	7.766	27.42	PK	36	-21.6	0	41.82	-	-	-	-	68.2	-26.38	0-360	200	V
3	* 11.648	26.59	PK	38.4	-17.4	0	47.59	-	-	74	-26.41	-	-	0-360	200	V
6	17.478	19.07	PK	41.3	-14.4	0	45.97	-	-	-	-	68.2	-22.23	0-360	200	V

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

PK – Peak detector

Radiated Emissions

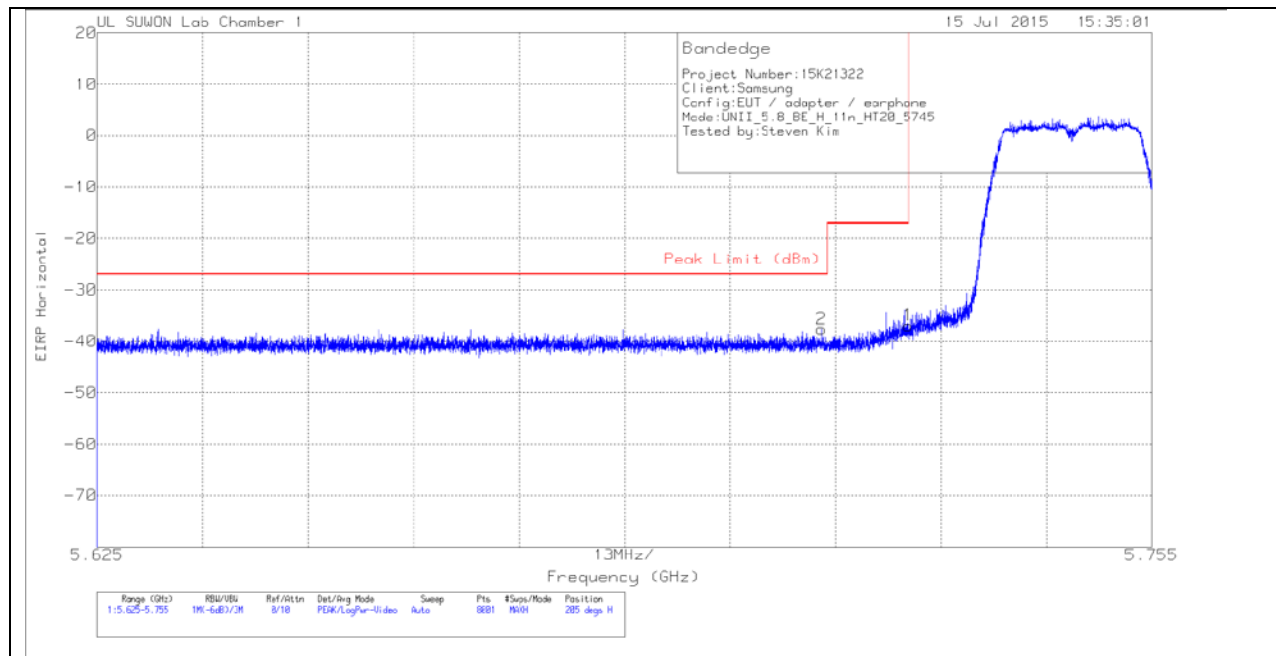
Frequency (GHz)	Meter Reading (dBuV)	Det	3117(001687 24)_150619	Path_5	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	UNII Non-Restricted (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
* 11.648	34.06	PK-U	38.4	-17.4	0	55.06	-	-	74	-18.94	-	-	172	381	H
* 11.648	21.41	ADR	38.4	-17.4	.3	42.71	54	-11.29	-	-	-	-	172	381	H
7.767	35.6	PK-U	36	-21.6	0	50	-	-	-	-	68.2	-18.2	168	326	V
* 11.649	39.14	PK-U	38.4	-17.4	0	60.14	-	-	74	-13.86	-	-	334	268	V
* 11.649	26.21	ADR	38.4	-17.4	.3	47.51	54	-6.49	-	-	-	-	334	268	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

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



HORIZONTAL DATA

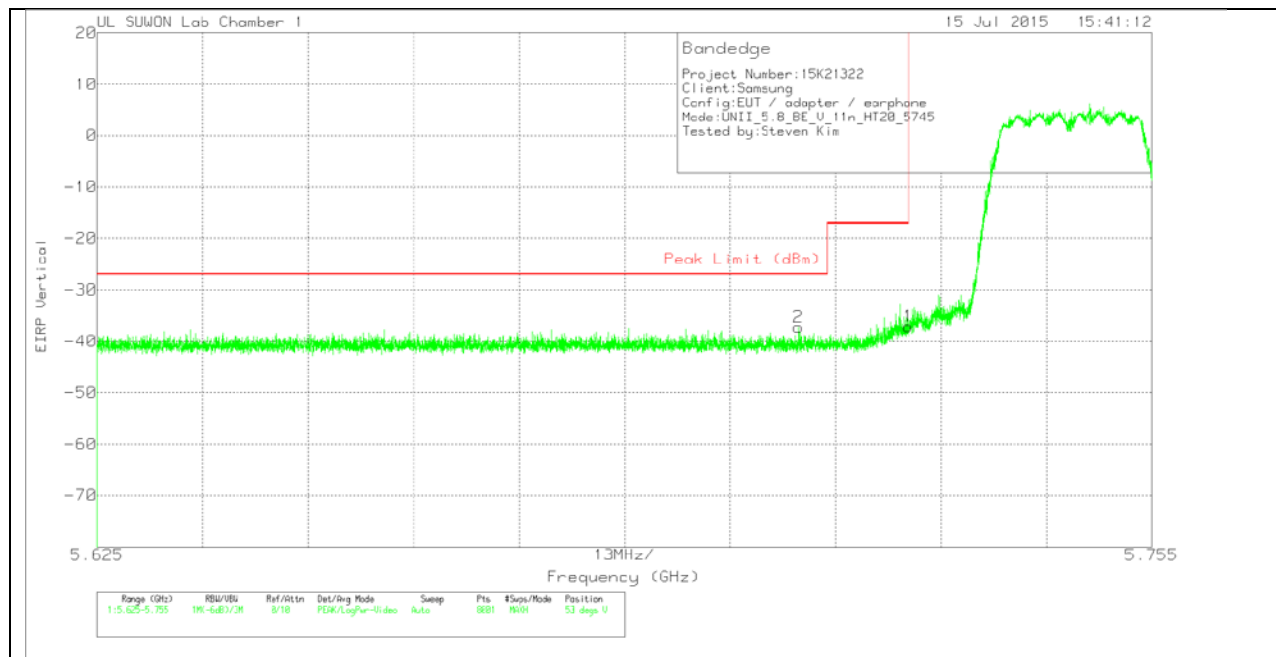
TRACE MARKERS

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	-64.72	Pk	34.8	-18.8	11.8	0	-36.92	-17	-19.92	205	169	H
2	5.714	-65.4	Pk	34.8	-18.8	11.8	0	-37.6	-27	-10.6	205	169	H

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

Pk - Peak detector

VERTICAL PEAK PLOT



VERTICAL DATA

TRACE MARKERS

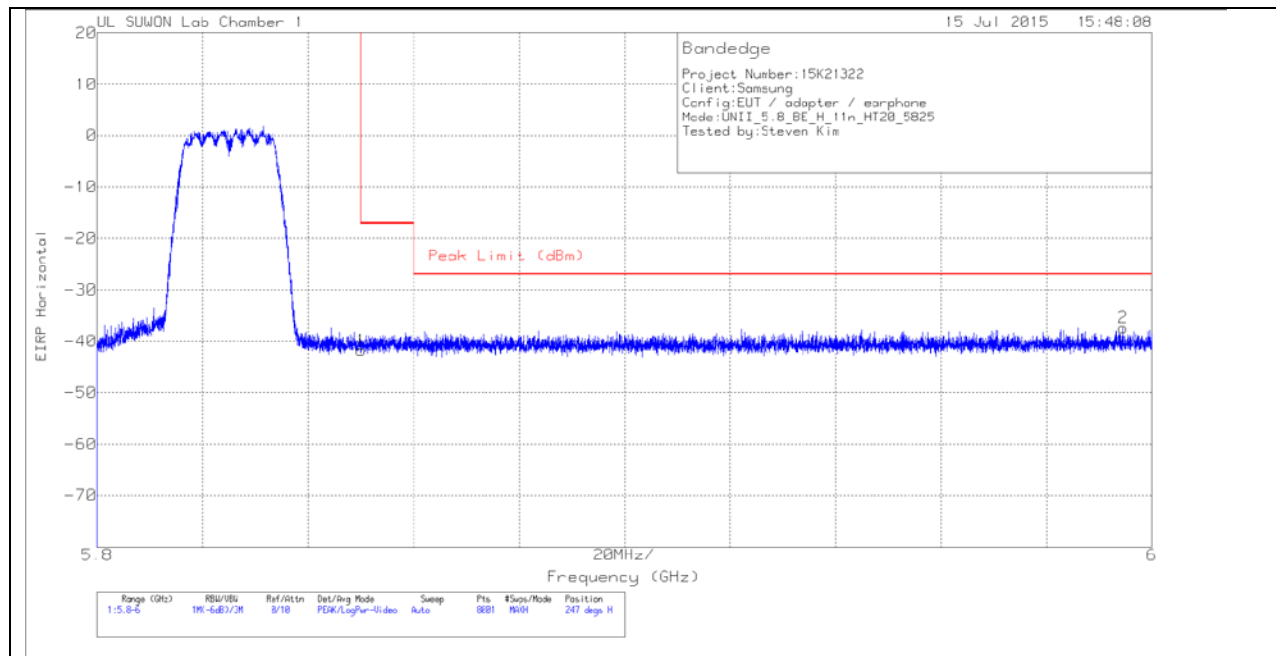
Marker	Frequency (GHz)	Meter Reading (dBm)	Det	3117(0016 8717)_150 619	Path_2_10 dB	Conversion Factor (dB)	DC Corr (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.725	-64.9	Pk	34.8	-18.8	11.8	0	-37.1	-17	-20.1	53	235	V
2	5.711	-64.99	Pk	34.8	-18.8	11.8	0	-37.19	-27	-10.19	53	235	V

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

Pk - Peak detector

AUTHORIZED BANDEDGE (HIGH CHANNEL)

HORIZONTAL PEAK AND AVERAGE PLOT



HORIZONTAL DATA

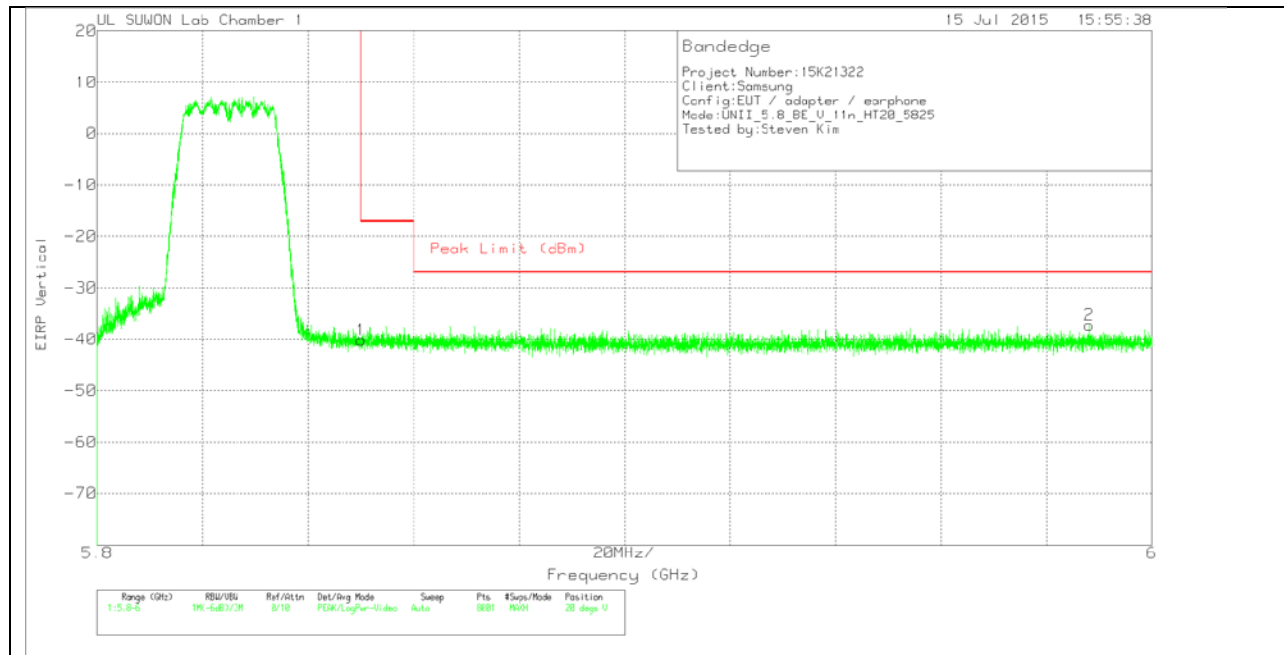
TRACE MARKERS

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	-69.61	Pk	34.9	-18.9	11.8	0	-41.81	-17	-24.81	247	244	H
2	5.995	-65.4	Pk	34.9	-18.6	11.8	0	-37.3	-27	-10.3	247	244	H

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

Pk - Peak detector

VERTICAL PEAK PLOT



VERTICAL DATA

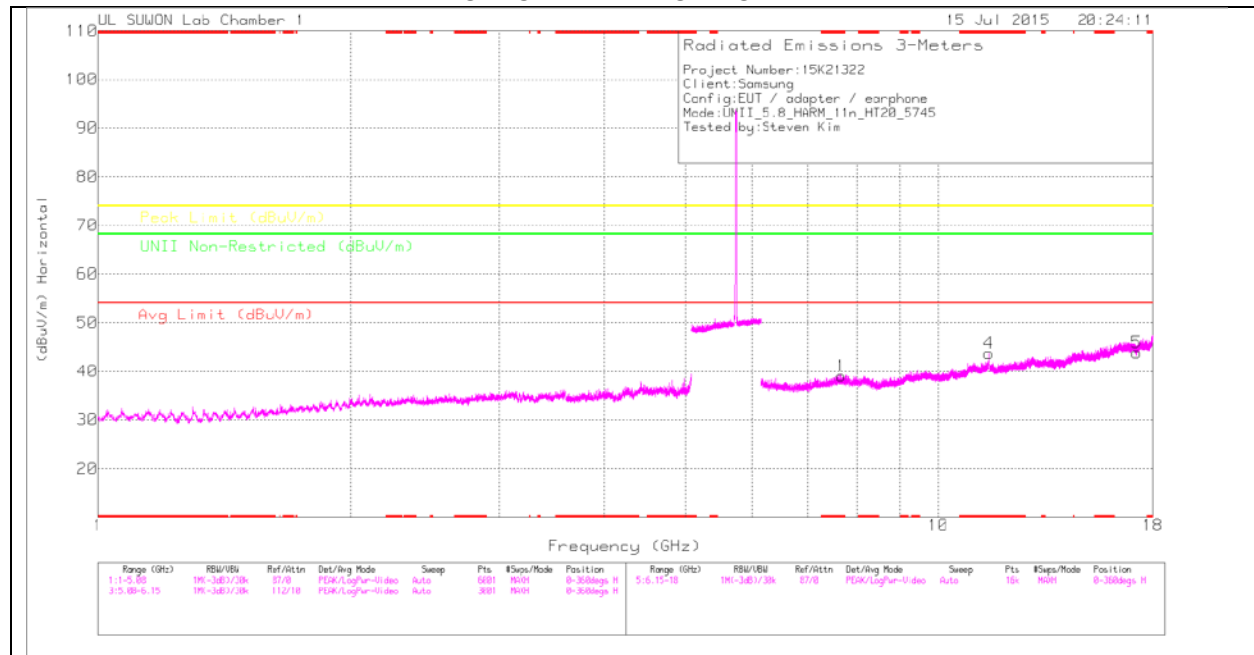
TRACE MARKERS

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	-67.99	Pk	34.9	-18.9	11.8	0	-40.19	-17	-23.19	20	102	V
2	5.988	-65.37	Pk	34.9	-18.6	11.8	0	-37.27	-27	-10.27	20	102	V

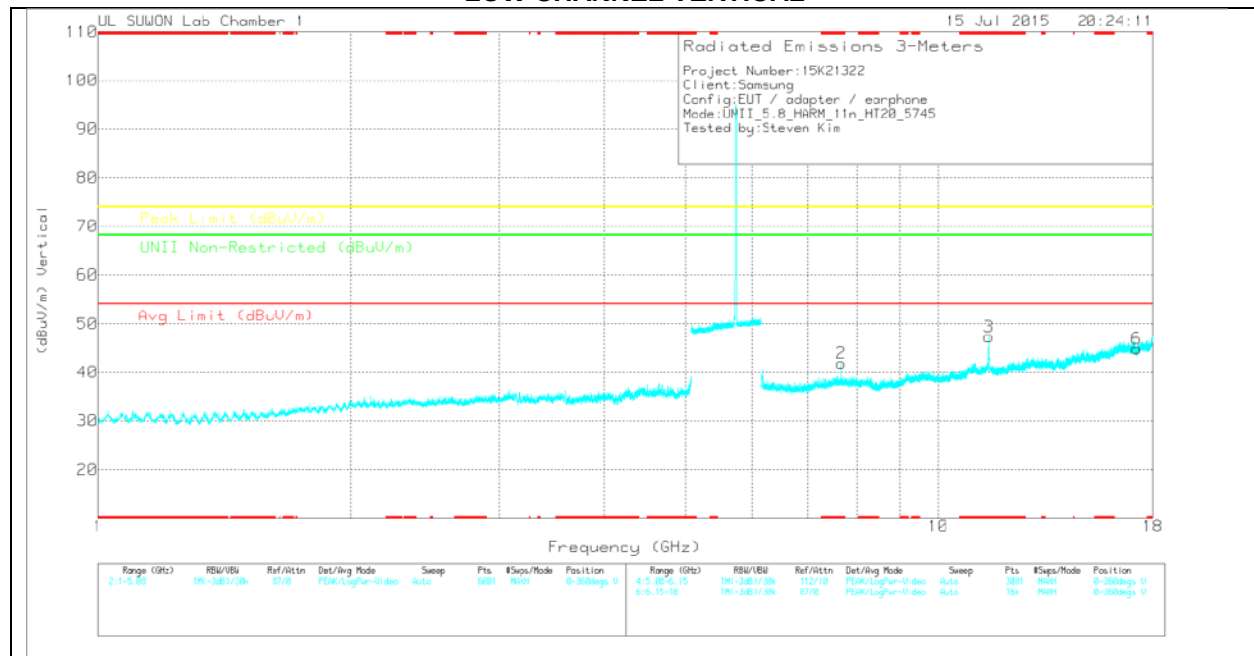
* - indicates frequency in CFR15.205/IC7.2.2 Restricted Band

Pk - Peak detector

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 724)_15061 9	Path_5	Ant Gain (dB)	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	* 7.66	24.21	PK	36.1	-21.3	0	0	39.01	-	-	74	-34.99	-	-	0-360	100	H
4	* 11.493	22.86	PK	38.3	-17.5	0	0	43.66	-	-	74	-30.34	-	-	0-360	200	H
5	17.235	17.84	PK	41.2	-15.2	0	0	43.84	-	-	-	-	68.2	-24.36	0-360	200	H
2	* 7.659	27.07	PK	36.1	-21.3	0	0	41.87	-	-	74	-32.13	-	-	0-360	100	V
3	* 11.486	26.46	PK	38.3	-17.5	0	0	47.26	-	-	74	-26.74	-	-	0-360	100	V
6	17.235	18.87	PK	41.2	-15.2	0	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

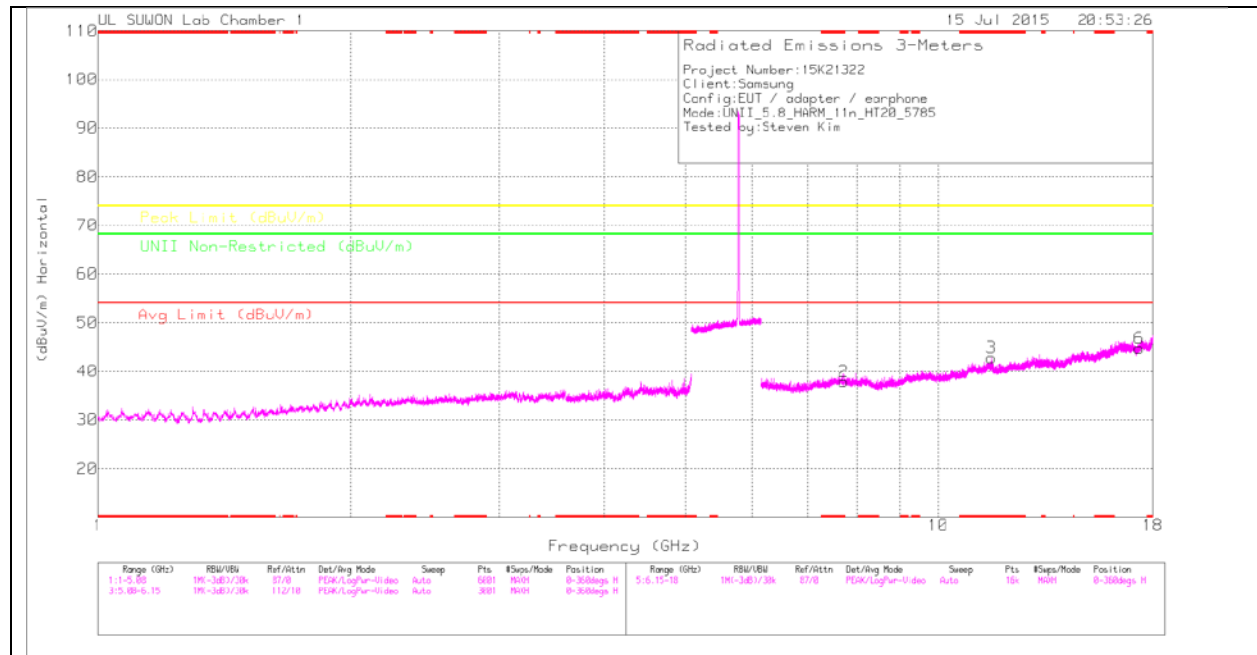
Frequency (GHz)	Meter Reading (dBuV)	Det	3117(0016 8724)_150 619	Path_5	Ant Gain (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	UNII Non-Restricted (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
* 11.493	33.9	PK-U	38.3	-17.5	0	0	54.7	-	-	74	-19.3	-	-	155	362	H
* 11.491	20.92	ADR	38.3	-17.5	0	.31	42.03	54	-11.97	-	-	-	-	155	362	H
* 7.66	35.71	PK-U	36.1	-21.3	0	0	50.51	-	-	74	-23.49	-	-	5	208	V
* 7.66	23.41	ADR	36.1	-21.3	0	0	38.21	54	-15.79	-	-	-	-	5	208	V
* 11.491	38.71	PK-U	38.3	-17.5	0	0	59.51	-	-	74	-14.49	-	-	354	246	V
* 11.491	25.38	ADR	38.3	-17.5	0	.31	46.49	54	-7.51	-	-	-	-	354	246	V

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

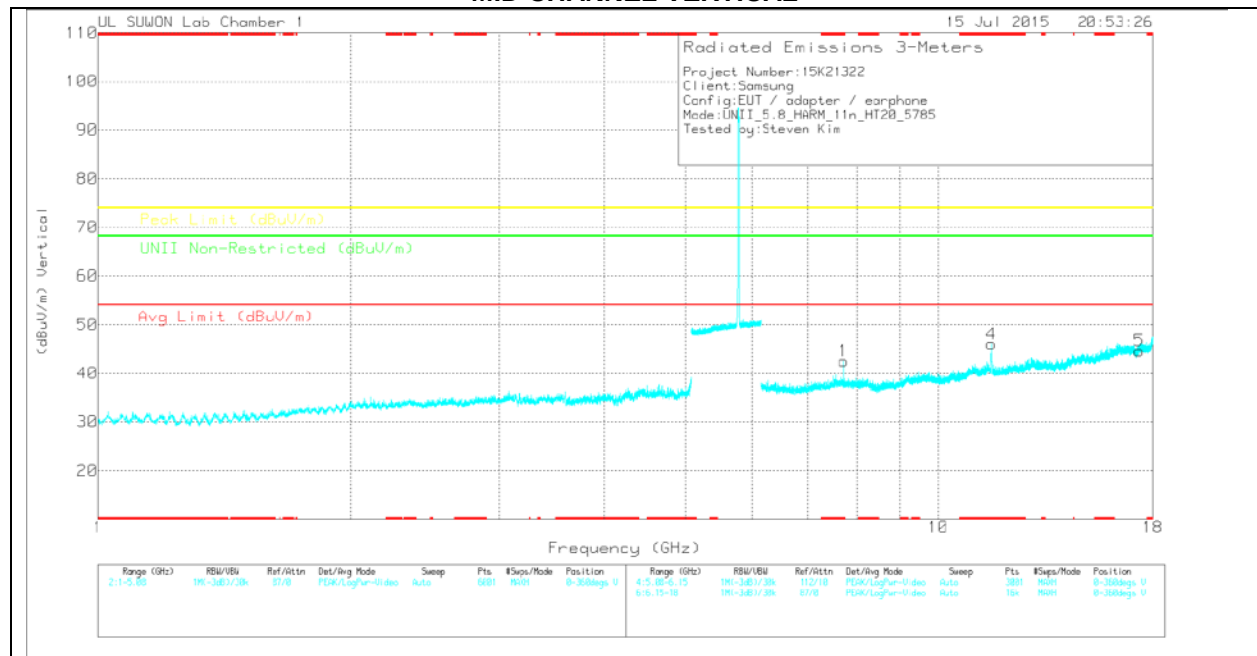
PK-U - U-NII: Maximum Peak

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(00168 724)_15061 9	Path_5	Ant Gain (dBi)	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	* 7.713	23.15	PK	36	-21.3	0	0	37.85	-	-	74	-36.15	-	-	0-360	100	H
3	* 11.57	21.91	PK	38.4	-17.5	0	0	42.81	-	-	74	-31.19	-	-	0-360	200	H
6	17.356	18.58	PK	41.2	-15.1	0	0	44.68	-	-	-	-	68.2	-23.52	0-360	100	H
1	* 7.713	27.8	PK	36	-21.3	0	0	42.5	-	-	74	-31.5	-	-	0-360	100	V
4	* 11.572	25.13	PK	38.4	-17.5	0	0	46.03	-	-	74	-27.97	-	-	0-360	200	V
5	17.356	18.56	PK	41.2	-15.1	0	0	44.66	-	-	-	-	68.2	-23.54	0-360	100	V

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

PK – Peak detector

Radiated Emissions

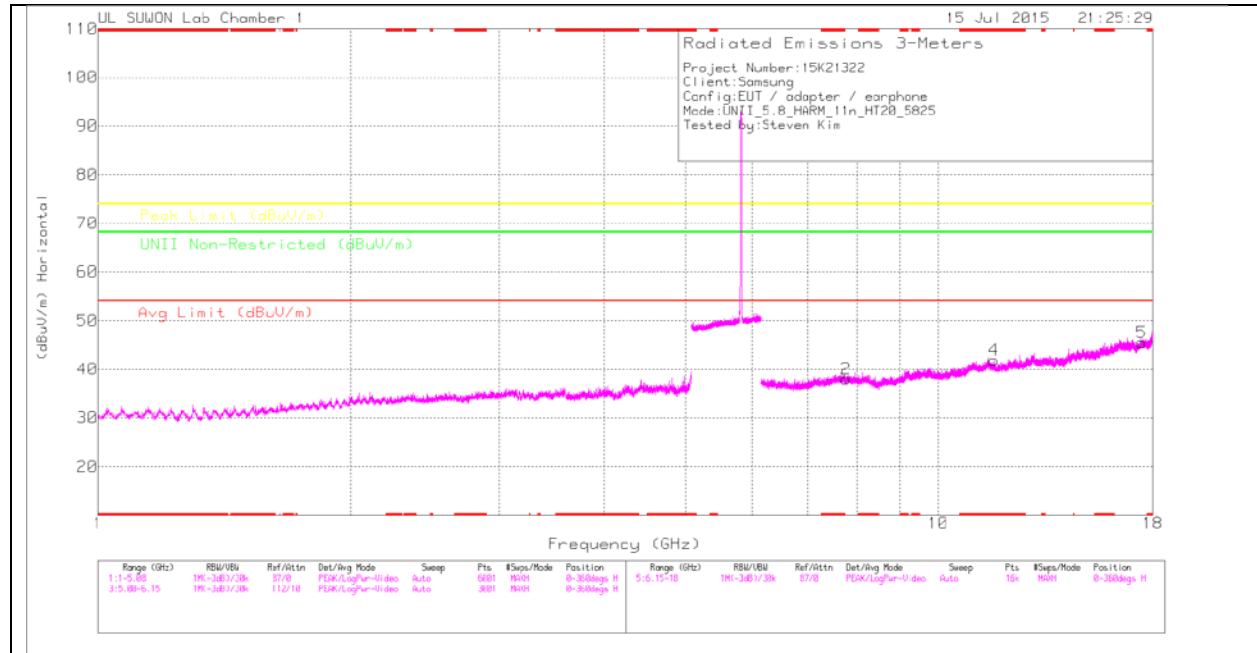
Frequency (GHz)	Meter Reading (dBuV)	Det	3117(0016 8724)_150 619	Path_5	Ant Gain (dBi)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	UNII Non-Restricted (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
* 11.57	33.49	PK-U	38.4	-17.5	0	0	54.39	-	-	74	-19.61	-	-	311	282	H
* 11.57	19.99	ADR	38.4	-17.5	0	.31	41.2	54	-12.8	-	-	-	-	311	282	H
* 7.714	35.31	PK-U	36	-21.3	0	0	50.01	-	-	74	-23.99	-	-	167	357	V
* 7.713	26.78	ADR	36	-21.3	0	0	41.48	54	-12.52	-	-	-	-	167	357	V
* 11.569	36.69	PK-U	38.4	-17.5	0	0	57.59	-	-	74	-16.41	-	-	336	146	V
* 11.569	23.15	ADR	38.4	-17.5	0	.31	44.36	54	-9.64	-	-	-	-	336	146	V

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

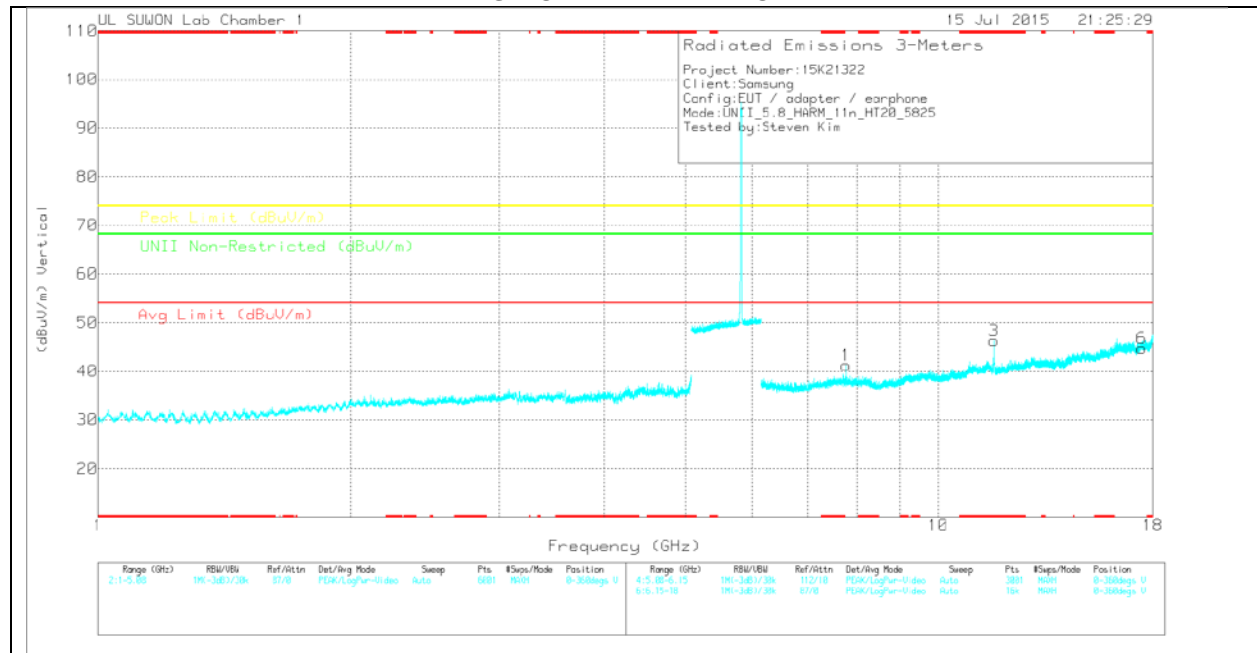
PK-U - U-NII: Maximum Peak

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(00168 724)_15061 9	Path_5	Ant Gain (dBi)	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	7.766	23.63	PK	36	-21.6	0	0	38.03	-	-	-	-	68.2	-30.17	0-360	200	H
4	* 11.65	20.85	PK	38.4	-17.4	0	0	41.85	-	-	74	-32.15	-	-	0-360	100	H
5	17.475	18.72	PK	41.3	-14.5	0	0	45.52	-	-	-	-	68.2	-22.68	0-360	200	H
1	7.767	26.85	PK	36	-21.6	0	0	41.25	-	-	-	-	68.2	-26.95	0-360	100	V
3	* 11.652	25.33	PK	38.4	-17.4	0	0	46.33	-	-	74	-27.67	-	-	0-360	200	V
6	17.475	17.94	PK	41.3	-14.5	0	0	44.74	-	-	-	-	68.2	-23.46	0-360	100	V

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

PK – Peak detector

Radiated Emissions

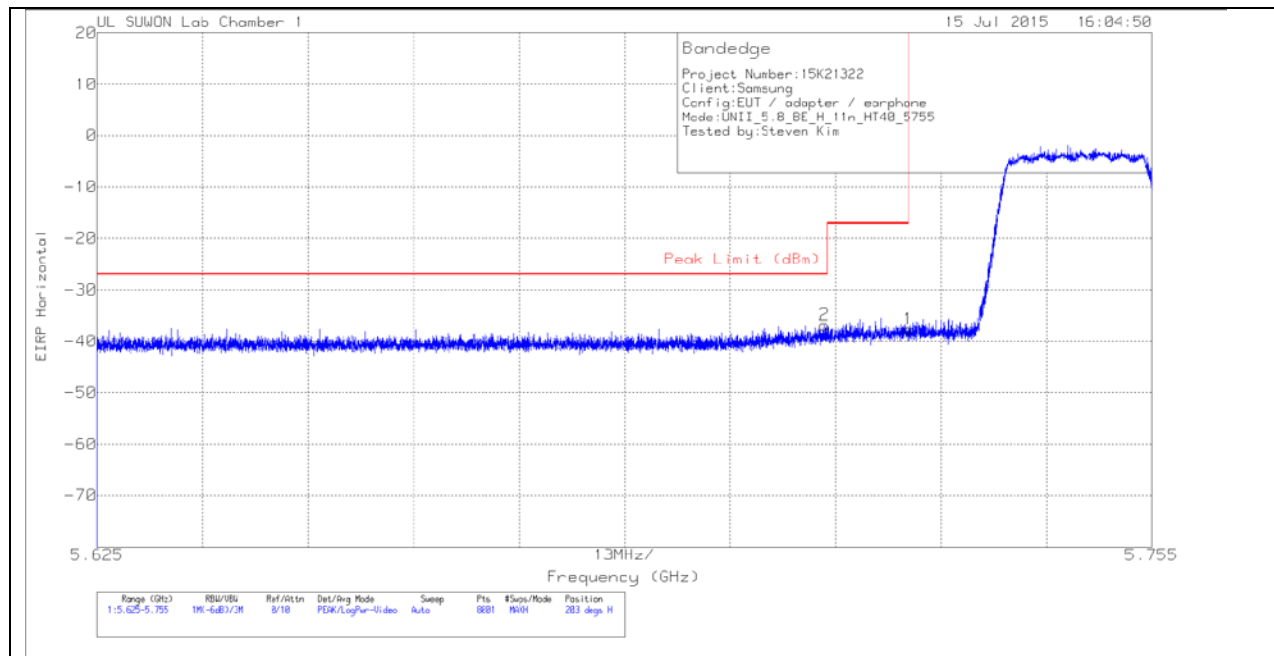
Frequency (GHz)	Meter Reading (dBuV)	Det	3117(0016 8724)_150 619	Path_5	Ant Gain (dBi)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	UNII Non-Restricted (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
* 11.649	34.84	PK-U	38.4	-17.4	0	0	55.84	-	-	74	-18.16	-	-	41	351	H
* 11.649	21.96	ADR	38.4	-17.4	0	.31	43.27	54	-10.73	-	-	-	-	41	351	H
7.767	35.84	PK-U	36	-21.6	0	0	50.24	-	-	-	-	68.2	-17.96	174	106	V
7.767	25.26	ADR	36	-21.6	0	0	39.66	-	-	-	-	-	-	174	106	V
* 11.652	33.4	PK-U	38.4	-17.4	0	0	54.4	-	-	74	-19.6	-	-	277	209	V
* 11.651	20.63	ADR	38.4	-17.4	0	.31	41.94	54	-12.06	-	-	-	-	277	209	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

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



HORIZONTAL DATA

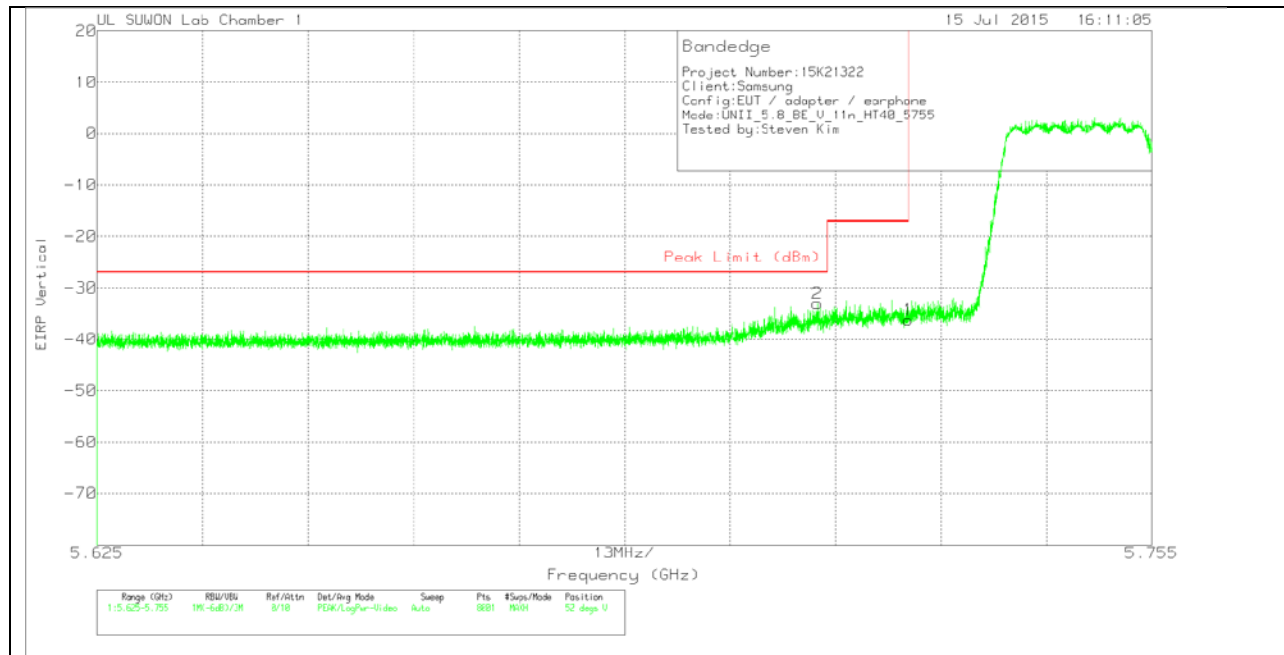
TRACE MARKERS

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	-65.4	Pk	34.8	-18.8	11.8	0	-37.6	-17	-20.6	203	183	H
2	5.715	-64.6	Pk	34.8	-18.8	11.8	0	-36.8	-27	-9.8	203	183	H

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

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	-64	PK	34.8	-18.8	11.8	0	-36.2	-17	-19.2	52	101	V
2	5.714	-60.87	PK	34.8	-18.8	11.8	0	-33.07	-27	-6.07	52	101	V

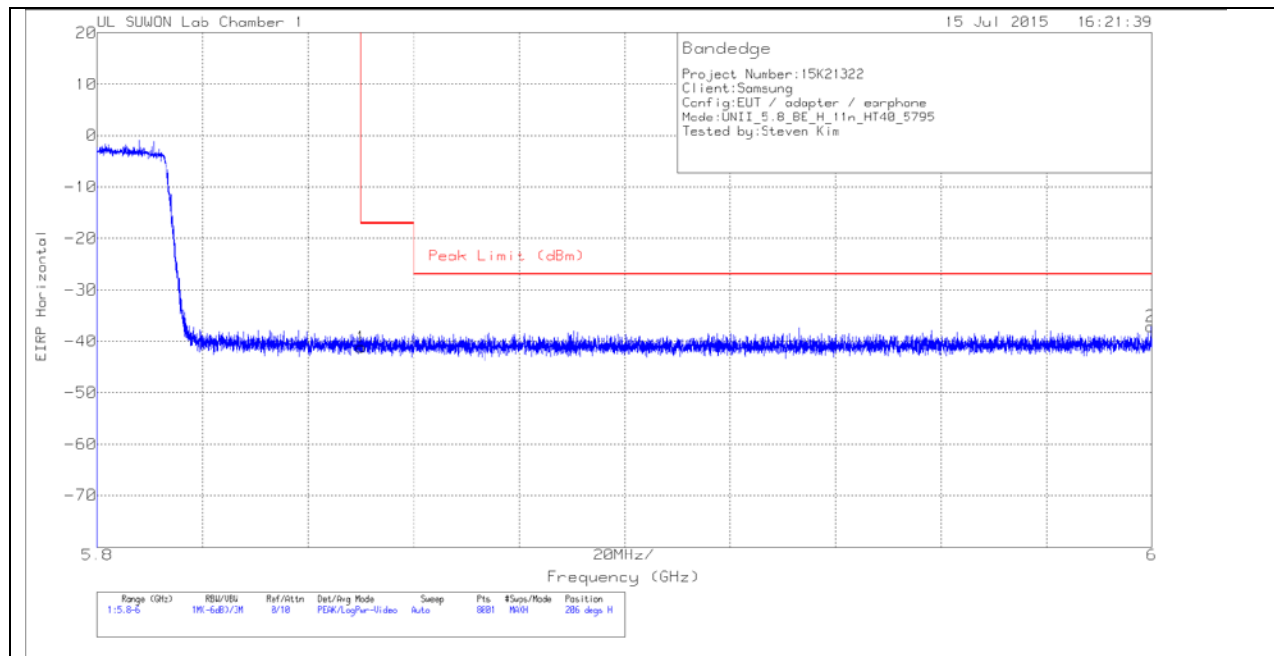
* - indicates frequency in CFR15.205/IC7.2.2 Restricted Band

Pk - Peak detector

Radiated Emissions

AUTHORIZED BANDEDGE (HIGH CHANNEL)

HORIZONTAL PEAK PLOT



HORIZONTAL DATA

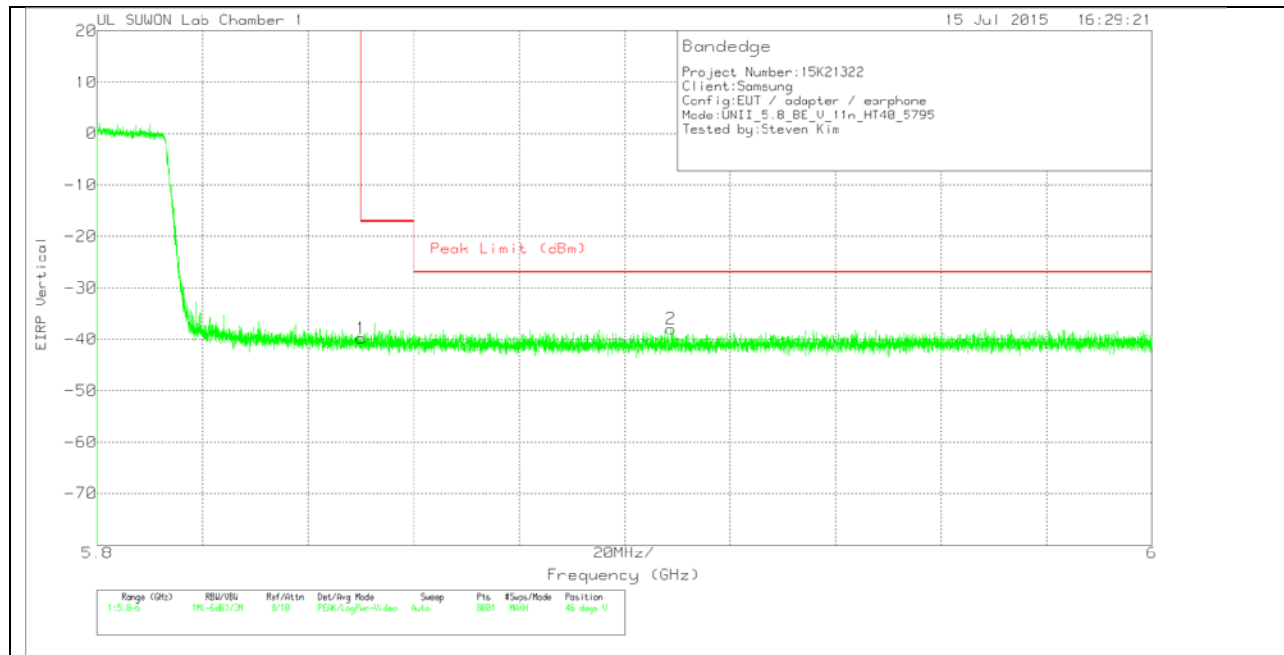
TRACE MARKERS

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	-68.98	Pk	34.9	-18.9	11.8	0	-41.18	-17	-24.18	206	165	H
2	6	-65.31	Pk	34.9	-18.5	11.8	0	-37.11	-27	-10.11	206	165	H

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

Pk - Peak detector

VERTICAL PEAK PLOT



VERTICAL DATA

TRACE MARKERS

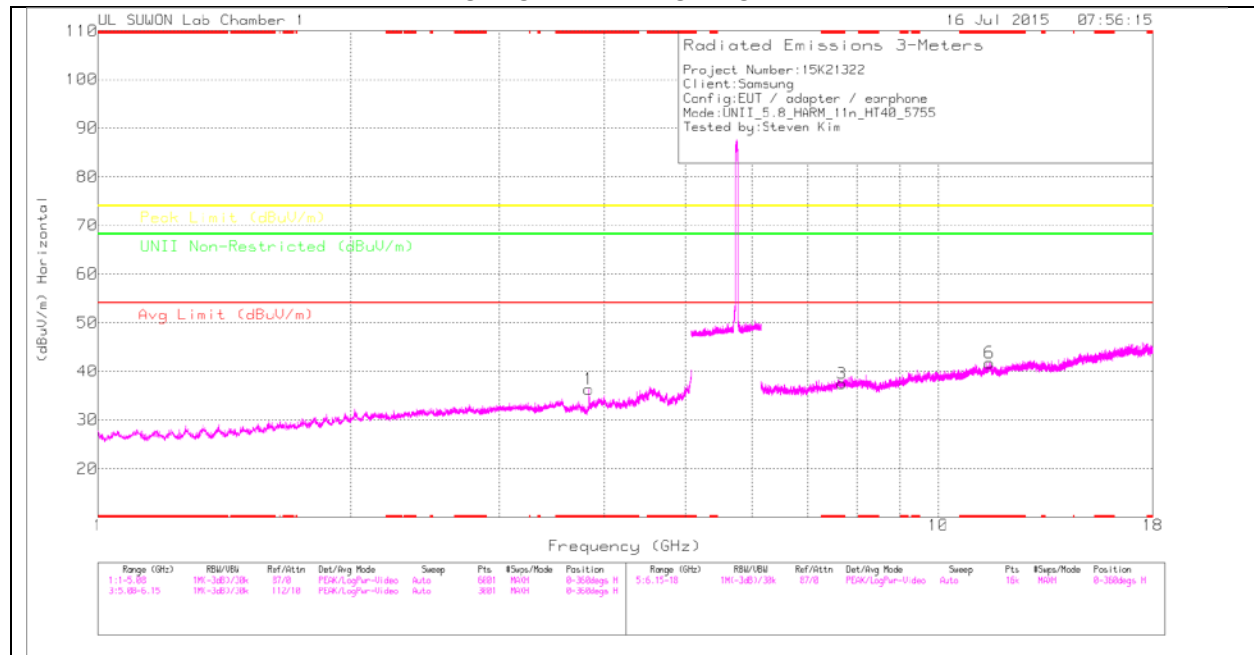
Marker	Frequency (GHz)	Meter Reading (dBm)	Det	3117(0016 8717)_150 619	Path_2_10 dB	Conversion Factor (dB)	DC Corr (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.85	-67.55	Pk	34.9	-18.9	11.8	0	-39.75	-17	-22.75	46	100	V
2	5.909	-65.88	Pk	34.9	-18.8	11.8	0	-37.98	-27	-10.98	46	100	V

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

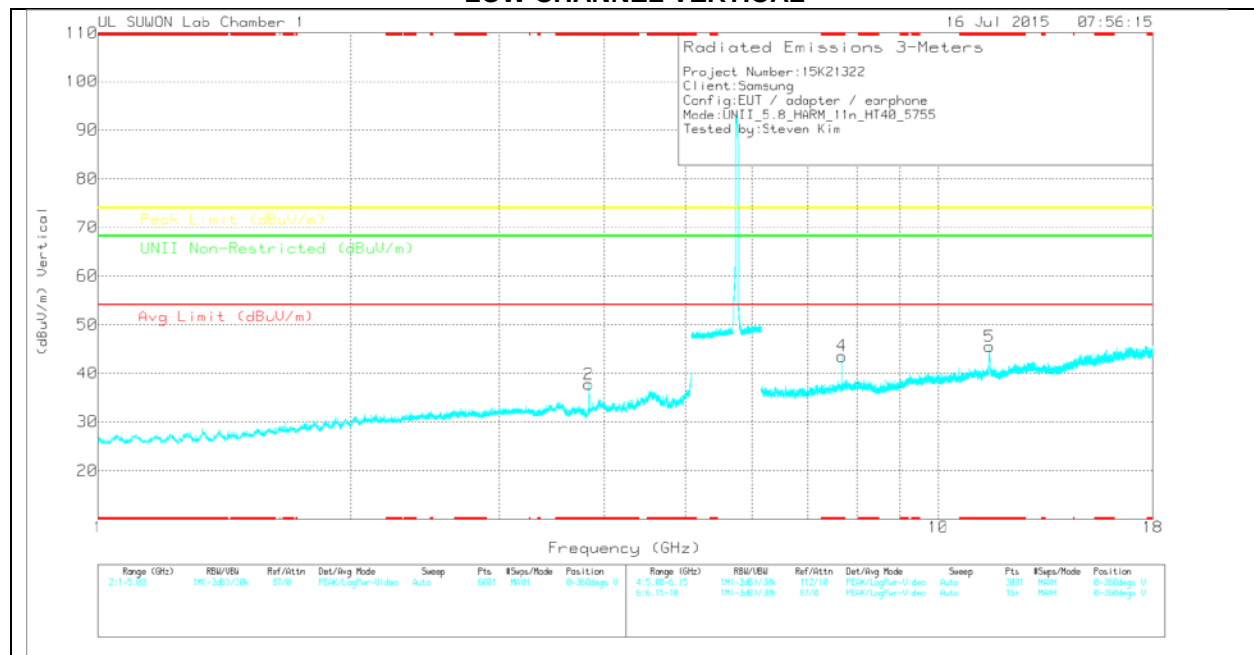
Pk - Peak detector

Radiated 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_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	* 3.837	33.41	PK	33.2	-30.3	0	36.31	-	-	74	-37.69	-	-	0-360	100	H
2	* 3.837	34.88	PK	33.2	-30.3	0	37.78	-	-	74	-36.22	-	-	0-360	200	V
3	* 7.676	25.94	PK	36	-24.5	0	37.44	-	-	74	-36.56	-	-	0-360	200	H
6	* 11.514	23.82	PK	38.6	-20.7	0	41.72	-	-	74	-32.28	-	-	0-360	100	H
4	* 7.673	32	PK	36	-24.5	0	43.5	-	-	74	-30.5	-	-	0-360	100	V
5	* 11.511	27.57	PK	38.6	-20.7	0	45.47	-	-	74	-28.53	-	-	0-360	100	V

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

PK – Peak detector

Radiated Emissions

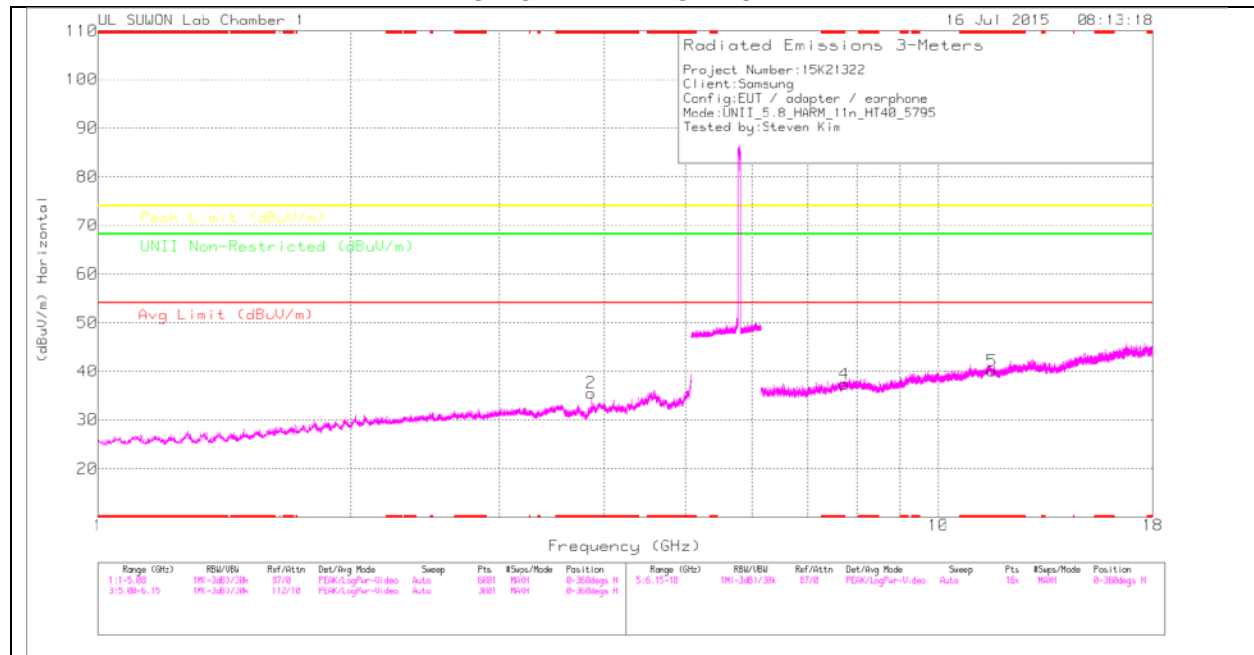
Frequency (GHz)	Meter Reading (dBuV)	Det	3117(001687 17)_150619	Path_5_6GH P	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	UNII Non-Restricted (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
* 7.673	39.19	PK-U	36	-24.5	0	50.69	-	-	74	-23.31	-	-	197	107	V
* 7.673	30.77	ADR	36	-24.5	0	42.27	54	-11.73	-	-	-	-	197	107	V
* 11.507	37.29	PK-U	38.6	-20.7	0	55.19	-	-	74	-18.81	-	-	227	132	V
* 11.51	24.18	ADR	38.6	-20.7	.61	42.69	54	-11.31	-	-	-	-	227	132	V

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

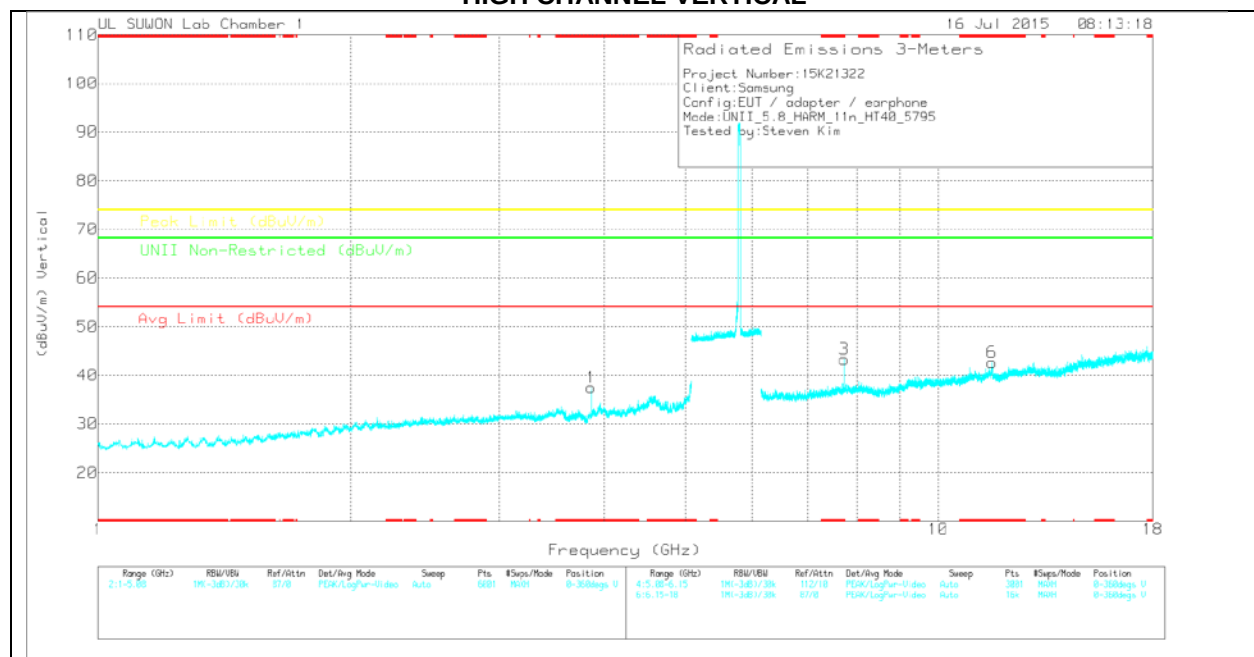
PK-U - U-NII: Maximum Peak

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 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	* 3.863	32.3	PK	33.2	-29.9	0	35.6	-	-	74	-38.4	-	-	0-360	200	H
1	* 3.863	34.21	PK	33.2	-29.9	0	37.51	-	-	74	-36.49	-	-	0-360	200	V
4	* 7.729	25.4	PK	36.1	-24.2	0	37.3	-	-	74	-36.7	-	-	0-360	100	H
5	* 11.59	21.89	PK	38.7	-20.5	0	40.09	-	-	74	-33.91	-	-	0-360	100	H
3	* 7.727	31.41	PK	36.1	-24.2	0	43.31	-	-	74	-30.69	-	-	0-360	100	V
6	* 11.593	24.44	PK	38.7	-20.5	0	42.64	-	-	74	-31.36	-	-	0-360	100	V

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

PK – Peak detector

Radiated Emissions

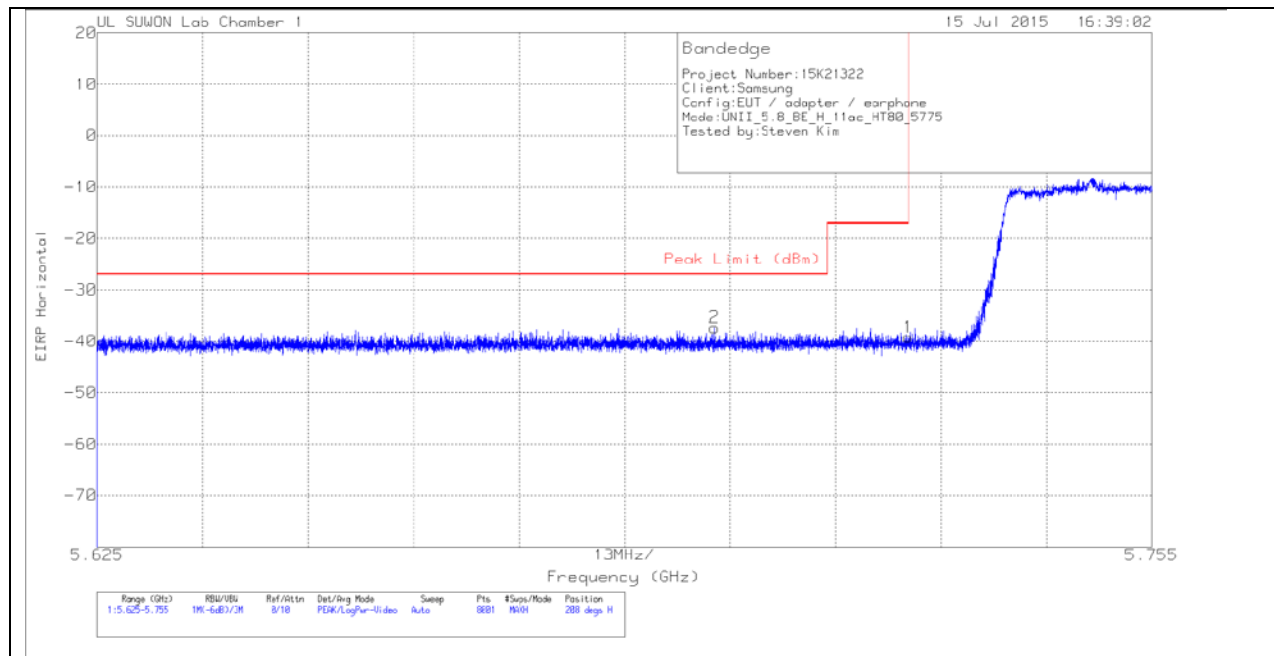
Frequency (GHz)	Meter Reading (dBuV)	Det	3117(001687 17)_150619	Path_4_5GLP	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	UNII Non-Restricted (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
* 3.863	41.28	PK-U	33.2	-29.9	0	44.58	-	-	74	-29.42	-	-	0	215	V
* 3.863	31.84	ADR	33.2	-29.9	0	35.14	54	-18.86	-	-	-	-	0	215	V
* 7.727	29.34	ADR	36.1	-24.2	0	41.24	54	-12.76	-	-	-	-	159	106	V
* 7.726	38.09	PK-U	36.1	-24.2	0	49.99	-	-	74	-24.01	-	-	159	106	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

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



HORIZONTAL DATA

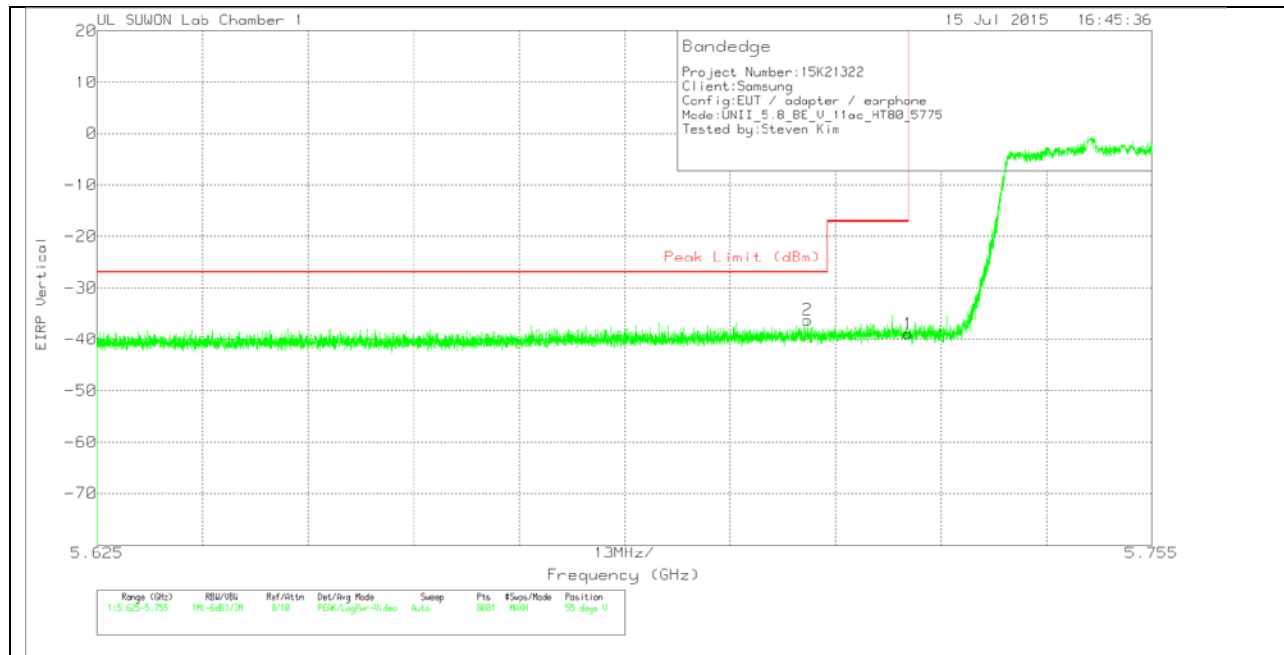
TRACE MARKERS

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	-66.95	Pk	34.8	-18.8	11.8	0	-39.15	-17	-22.15	208	274	H
2	5.701	-64.99	Pk	34.8	-18.9	11.8	0	-37.29	-27	-10.29	208	274	H

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

Pk - Peak detector

VERTICAL PEAK PLOT



VERTICAL DATA

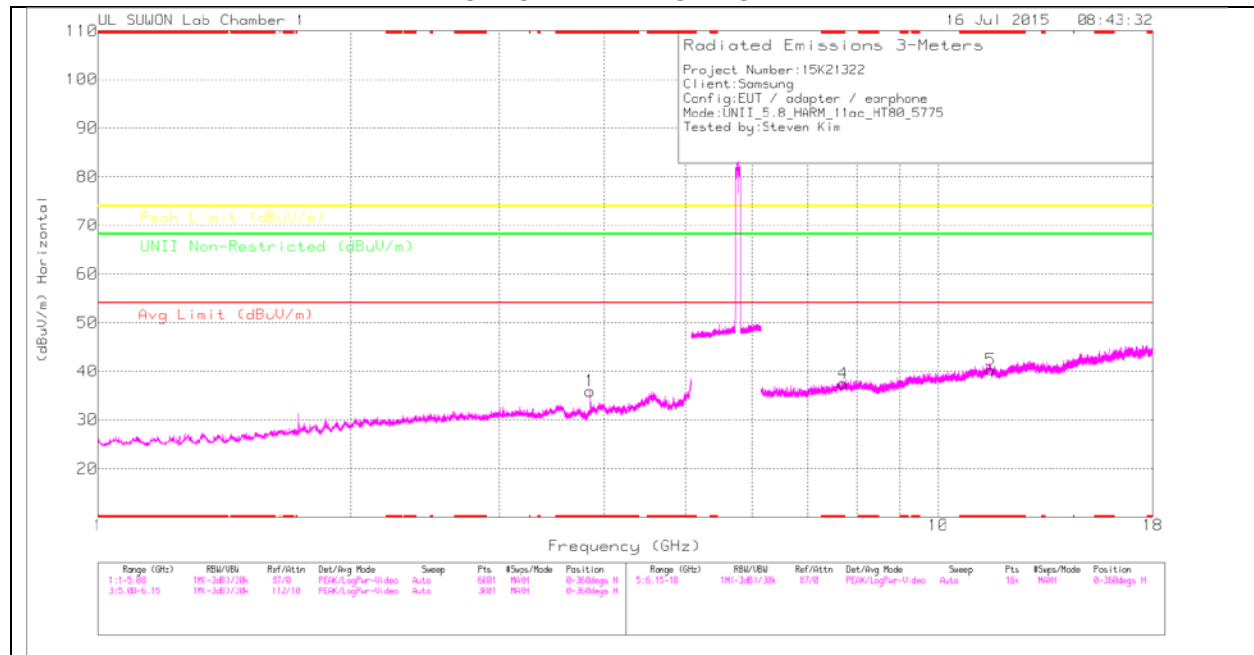
TRACE MARKERS

Marker	Frequency (GHz)	Meter Reading (dBm)	Det	3117(0016 8717)_150 619	Path_2_10 dB	Conversion Factor (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.725	-66.72	Pk	34.8	-18.8	11.8	-38.92	-17	-21.92	55	312	V
2	5.713	-64.03	Pk	34.8	-18.8	11.8	-36.23	-27	-9.23	55	312	V

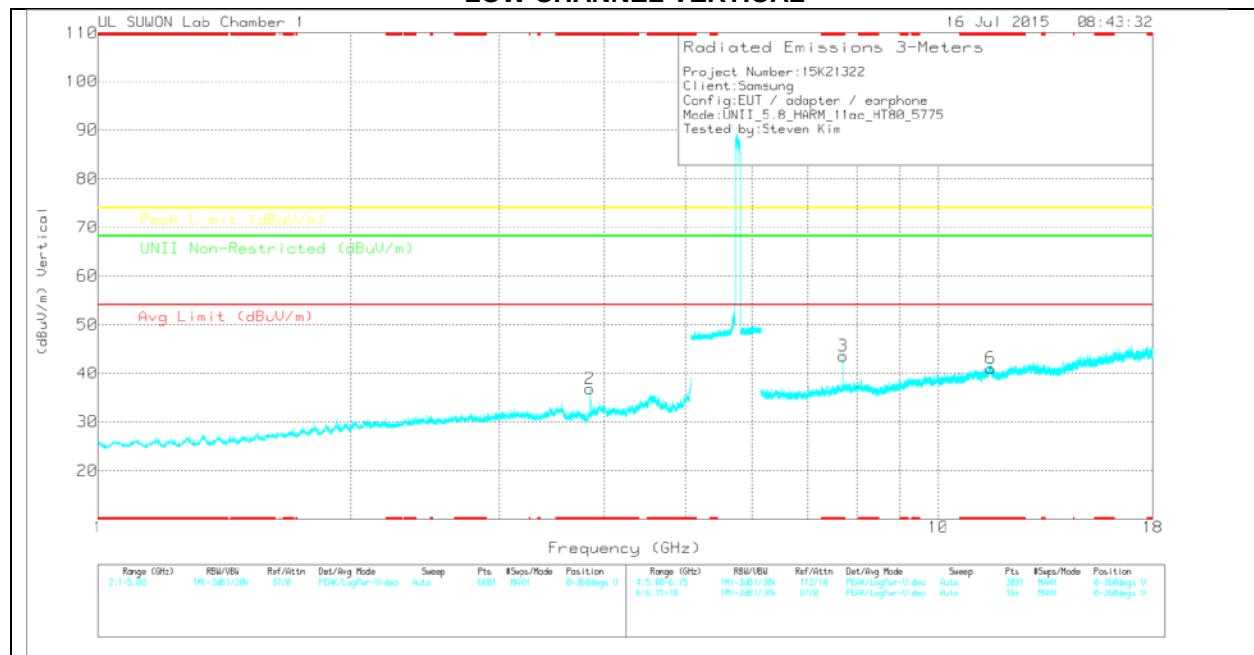
* - indicates frequency in CFR15.205/IC7.2.2 Restricted Band

Pk - Peak detector

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(00168717)_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	* 3.851	32.79	PK	33.2	-30.1	0	35.89	-	-	74	-38.11	-	-	0-360	100	H
2	* 3.85	33.79	PK	33.2	-30.2	0	36.79	-	-	74	-37.21	-	-	0-360	200	V
4	* 7.703	25.77	PK	36.1	-24.4	0	37.47	-	-	74	-36.53	-	-	0-360	200	H
5	* 11.55	22.36	PK	38.6	-20.6	0	40.36	-	-	74	-33.64	-	-	0-360	100	H
3	* 7.7	31.97	PK	36.1	-24.5	0	43.57	-	-	74	-30.43	-	-	0-360	100	V
6	* 11.549	23.04	PK	38.6	-20.6	0	41.04	-	-	74	-32.96	-	-	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(00168717)_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
* 7.7	38.76	PK-U	36.1	-24.5	0	50.36	-	-	74	-23.64	-	-	196	102	V
* 7.7	30.83	ADR	36.1	-24.5	0	42.43	54	-11.57	-	-	-	-	196	102	V

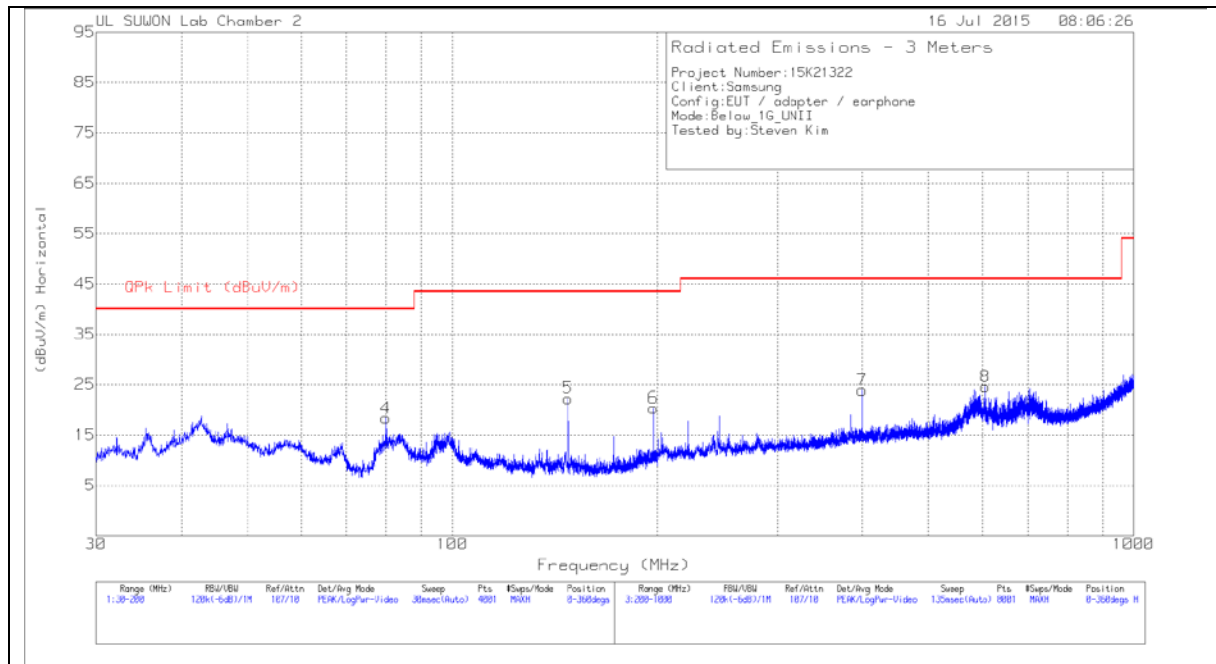
* - indicates frequency in CFR15.205/IC7.2.2 Restricted Band

PK-U - U-NII: Maximum Peak

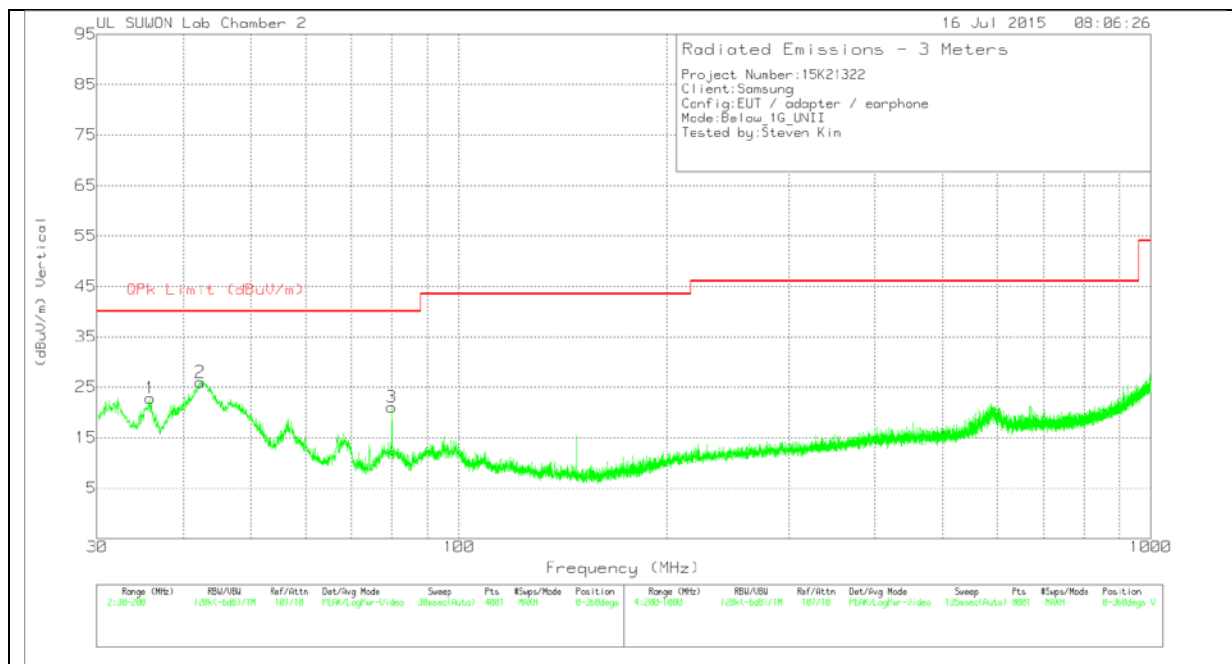
ADR - U-NII AD primary method, RMS average

11. 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	VULB9163-749	Below_1G	Corrected Reading (dBuV/m)	QPk Limit (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
4	79.98	41.83	Pk	7.1	-30.6	18.33	40	-21.67	0-360	400	H
5	147.98	44.47	Pk	8.2	-30.4	22.27	43.52	-21.25	0-360	200	H
6	197.28	39.57	Pk	11.1	-30.3	20.37	43.52	-23.15	0-360	100	H
1	35.78	42.45	Pk	11.1	-30.7	22.85	40	-17.15	0-360	100	V
2	42.2825	43.39	Pk	13.3	-30.7	25.99	40	-14.01	0-360	100	V
3	79.98	44.56	Pk	7.1	-30.6	21.06	40	-18.94	0-360	100	V
7	* 400	38.41	Pk	15.3	-29.8	23.91	46.02	-22.11	0-360	301	H
8	605.5	37.77	Pk	16.2	-29.4	24.57	46.02	-21.45	0-360	301	H

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

Pk - Peak detector