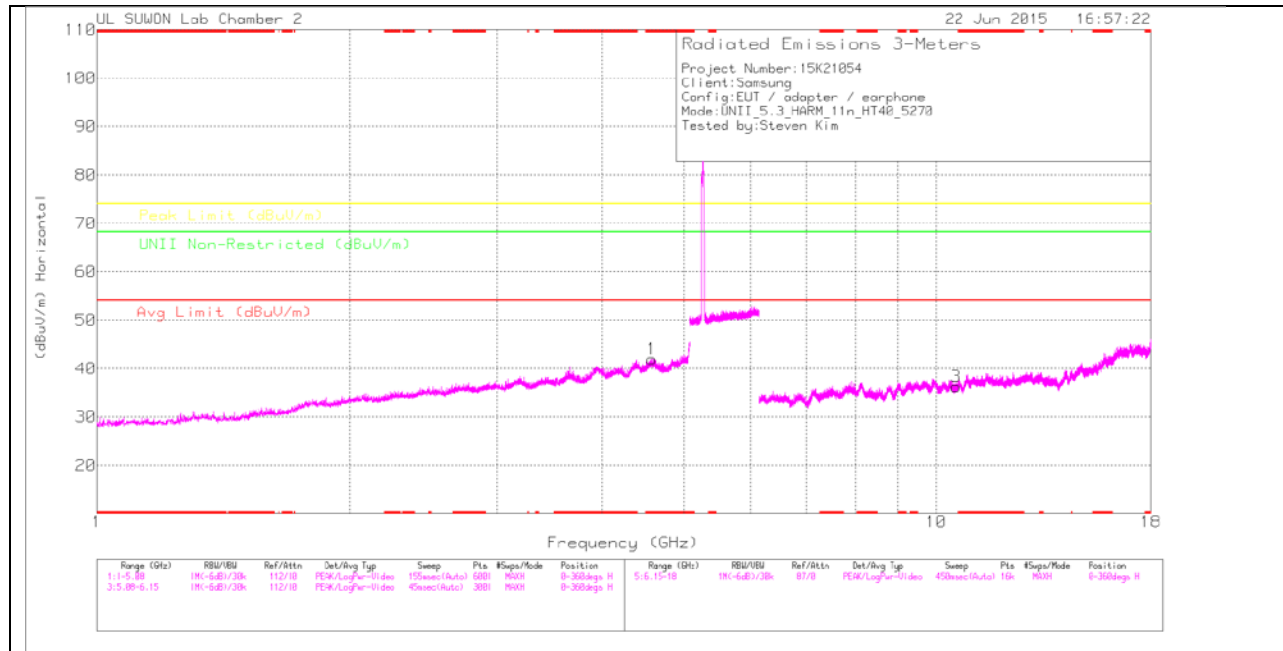
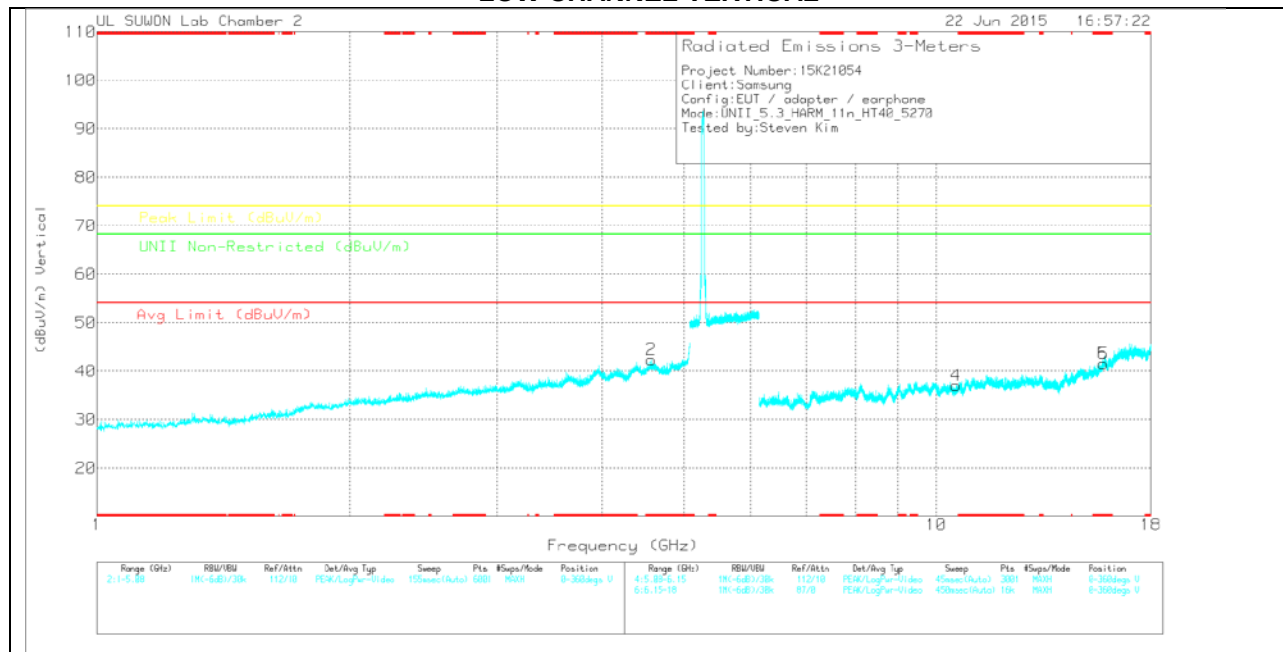


HARMONICS AND SPURIOUS EMISSIONS

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

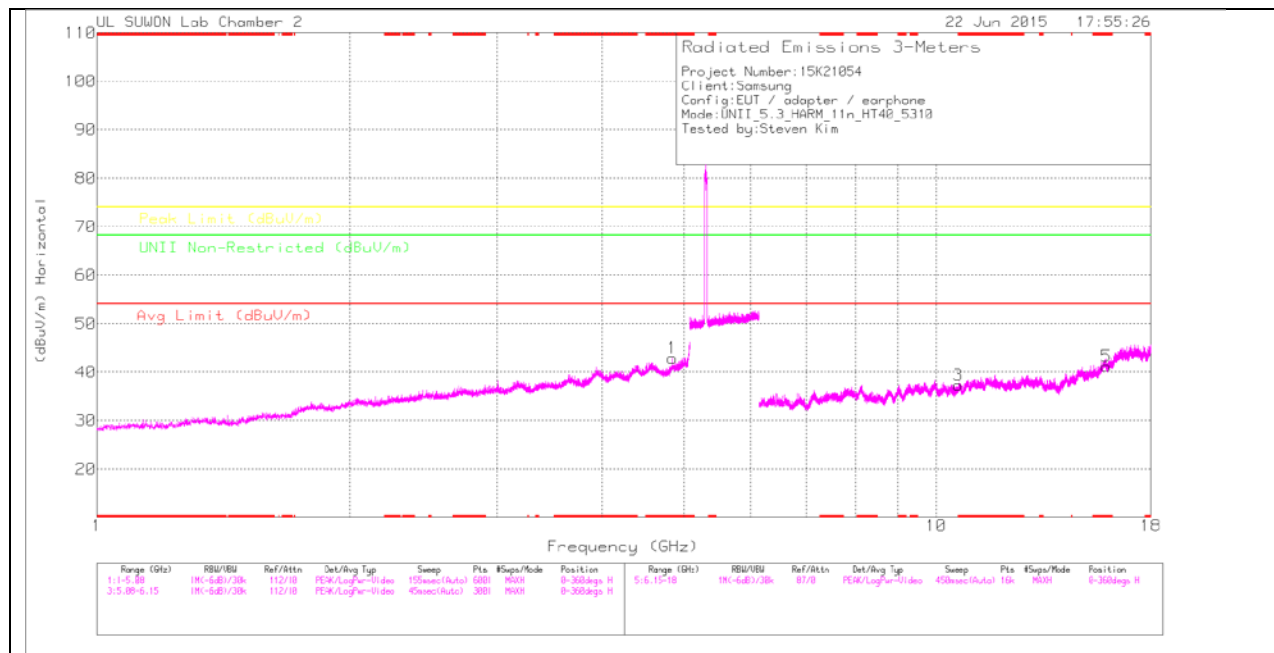
TRACE MARKERS

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	3117(0016 8717)_150 619	Path_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	* 4.578	36.01	Avg	33.9	-27.9	0	42.01	-	-	74	-31.99	-	-	0-360	200	H
2	* 4.573	36.41	Avg	33.9	-27.9	0	42.41	-	-	74	-31.59	-	-	0-360	200	V
3	10.542	19.57	Avg	37.9	-21.2	0	36.27	-	-	-	-	68.2	-31.93	0-360	200	H
4	10.539	20.29	Avg	37.9	-21.2	0	36.99	-	-	-	-	68.2	-31.21	0-360	200	V
5	* 15.812	19.79	Avg	40.5	-18.7	0	41.59	-	-	74	-32.41	-	-	0-360	100	V
6	* 15.812	19.79	Avg	40.5	-18.7	0	41.59	-	-	74	-32.41	-	-	0-360	100	V

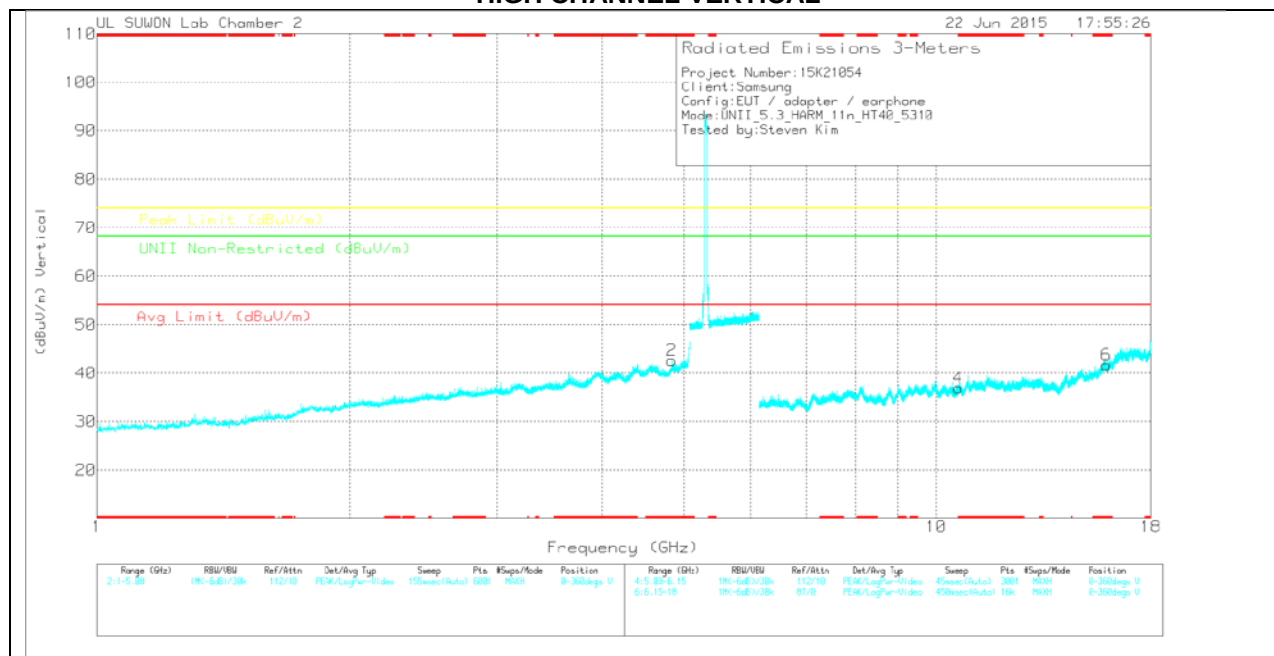
* - indicates frequency in CFR15.205/IC7.2.2 Restricted Band

PK – Peak detector

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

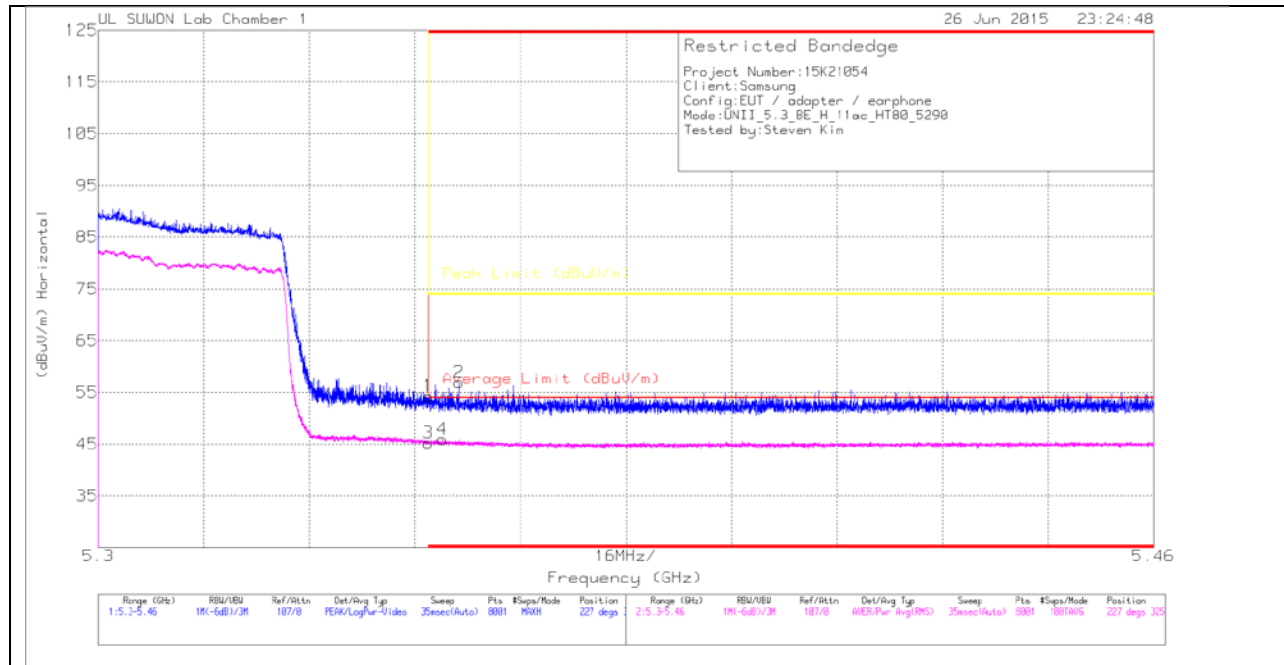
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	3117(0016 8717)_150 619	Path_4_5G LP	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	UNII Non-Restricted (dBuV/m)	Margin (dB)	Asimuth (Degs)	Height (cm)	Polarity
1	* 4.845	36.74	Avg	34	-27.9	0	42.84	-	-	74	-31.16	-	-	0-360	100	H
2	* 4.839	36.69	Avg	34	-28.1	0	42.59	-	-	74	-31.41	-	-	0-360	200	V
3	* 10.619	20.02	Avg	37.9	-20.6	0	37.32	-	-	74	-36.68	-	-	0-360	100	H
5	* 15.931	19.16	Avg	40.6	-18.6	0	41.16	-	-	74	-32.84	-	-	0-360	100	H
4	* 10.621	19.48	Avg	37.9	-20.5	0	36.88	-	-	74	-37.12	-	-	0-360	200	V
6	* 15.931	19.73	Avg	40.6	-18.6	0	41.73	-	-	74	-32.27	-	-	0-360	200	V

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

PK – Peak detector

11.2.3. TX ABOVE 1 GHz 802.11ac VHT80 MODE IN THE 5.3 GHz BAND RESTRICTED BANDEDGE (High CHANNEL)

HORIZONTAL PEAK AND AVERAGE PLOT



HORIZONTAL DATA

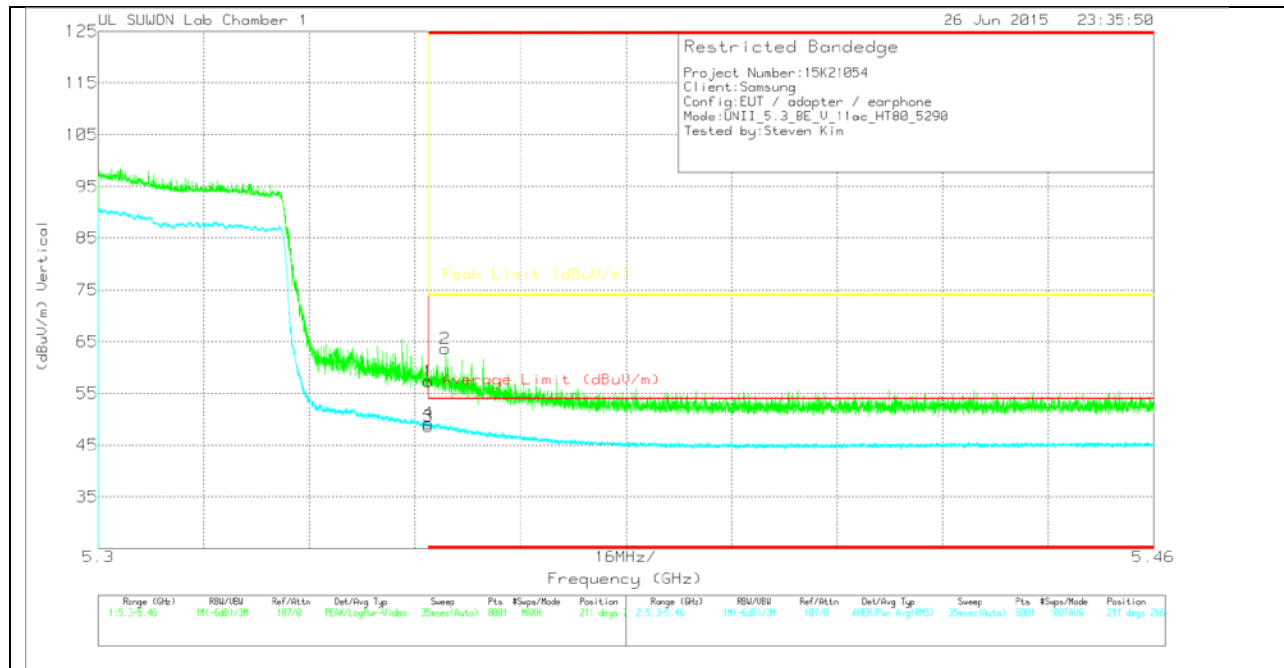
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	3117(001687 17)_150619	Path_2_10d B	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 5.35	39.38	Pk	34.5	-19.6	0	54.28	-	-	74	-19.72	227	325	H
2	* 5.355	42.06	Pk	34.5	-19.6	0	56.96	-	-	74	-17.04	227	325	H
3	* 5.35	29.19	RMS	34.5	-19.6	1.18	45.27	54	-8.73	-	-	227	325	H
4	* 5.352	29.89	RMS	34.5	-19.6	1.18	45.97	54	-8.03	-	-	227	325	H

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

PK - Peak detector

RMS - RMS detection

VERTICAL PEAK AND AVERAGE PLOT



VERTICAL DATA

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	3117(001687 17)_150619	Path_2_10dB	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	42.42	Pk	34.5	-19.6	0	57.32	-	-	74	-16.68	211	266	V
2	* 5.353	48.72	Pk	34.5	-19.6	0	63.62	-	-	74	-10.38	211	266	V
3	* 5.35	32.58	RMS	34.5	-19.6	1.18	48.66	54	-5.34	-	-	211	266	V
4	* 5.35	33.14	RMS	34.5	-19.6	1.18	49.22	54	-4.78	-	-	211	266	V

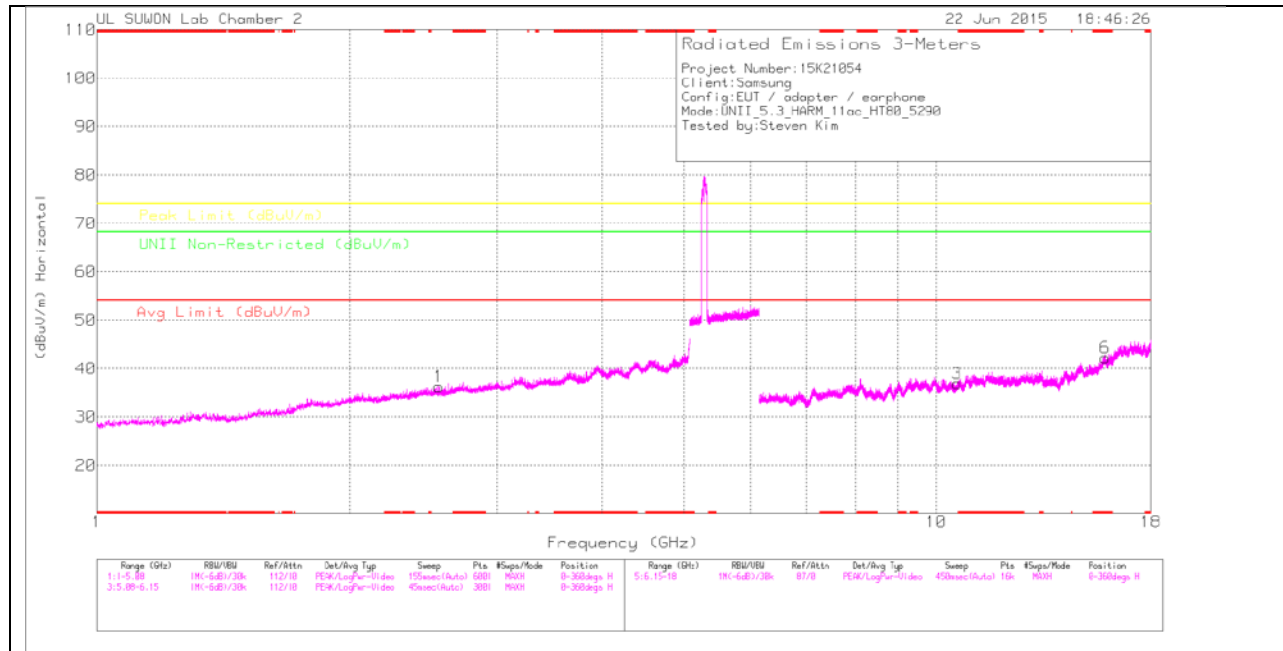
* - indicates frequency in CFR15.205/IC7.2.2 Restricted Band

PK - Peak detector

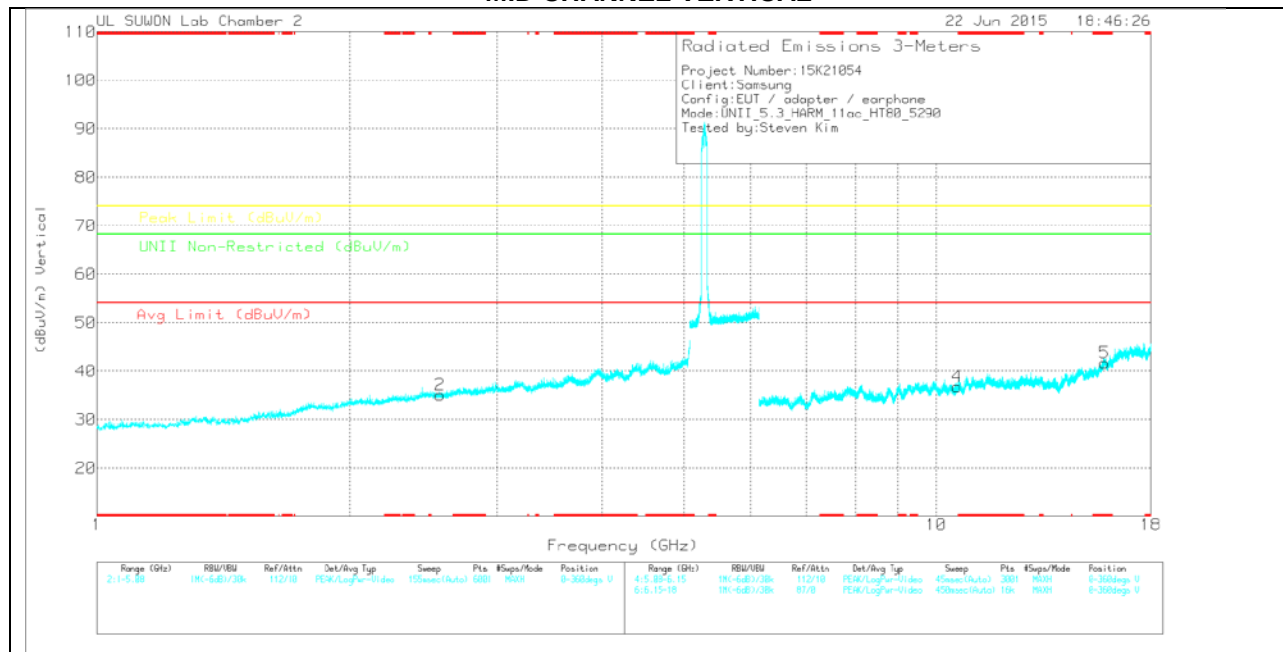
RMS - RMS detection

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 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	2.552	36.2	PK	32	-31.9	0	36.3	-	-	-	-	68.2	-31.9	0-360	100	H
2	2.562	35.02	PK	32	-31.9	0	35.12	-	-	-	-	68.2	-33.08	0-360	200	V
3	10.583	20.03	PK	37.9	-21	0	36.93	-	-	-	-	68.2	-31.27	0-360	200	H
6	* 15.876	20.09	PK	40.5	-18.3	0	42.29	-	-	74	-31.71	-	-	0-360	200	H
4	10.578	19.88	PK	37.9	-21	0	36.78	-	-	-	-	68.2	-31.42	0-360	200	V
5	* 15.872	19.57	PK	40.5	-18.3	0	41.77	-	-	74	-32.23	-	-	0-360	100	V

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

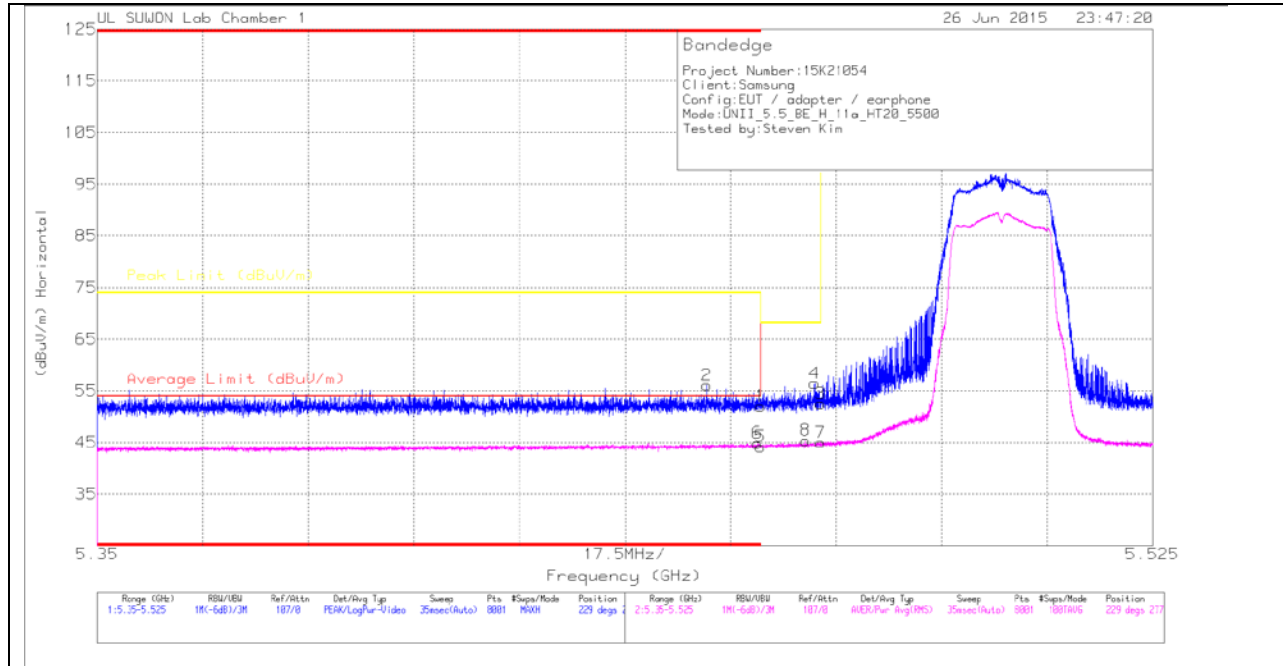
PK – Peak detector

11.3. 5.5-5.6 GHz

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

RESTRICTED BANDEDGE (LOW CHANNEL)

HORIZONTAL PEAK AND AVERAGE PLOT



HORIZONTAL DATA

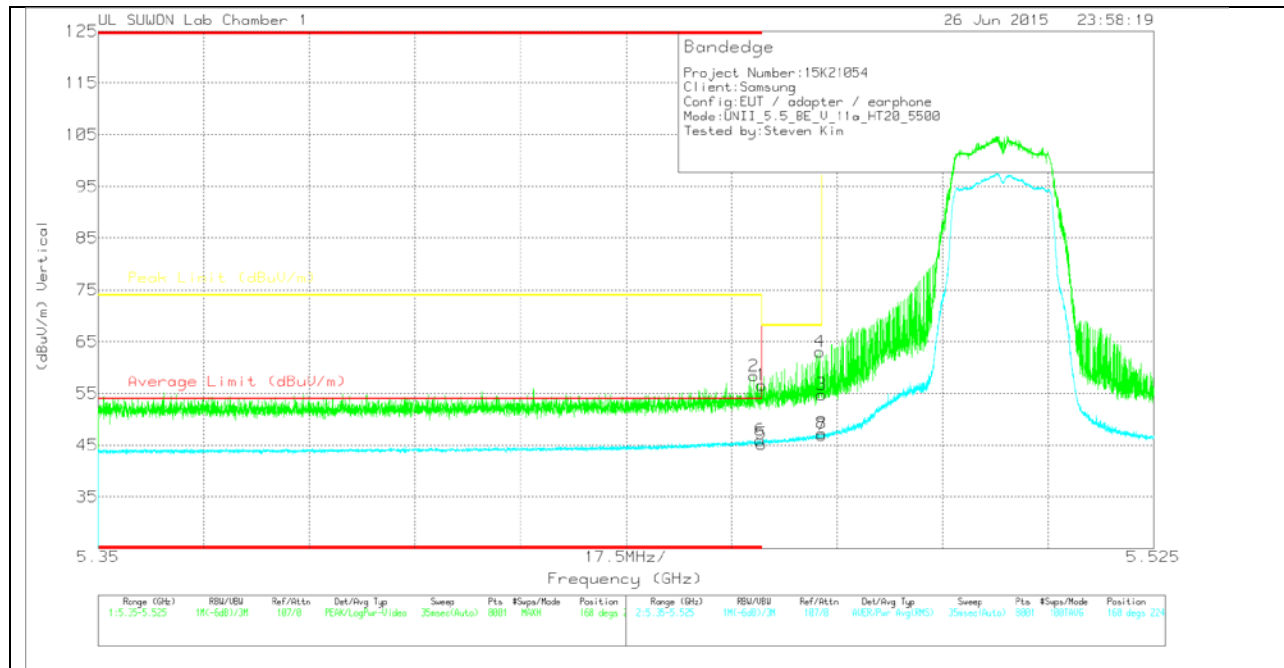
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	3117(001687 17)_150619	Path_2_10d B	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 5.46	36.61	Pk	34.6	-19.2	0	52.01	-	-	74	-21.99	229	277	H
2	* 5.451	40.66	Pk	34.6	-19.2	0	56.06	-	-	74	-17.94	229	277	H
3	5.47	37.14	Pk	34.6	-19.2	0	52.54	-	-	68.2	-15.66	229	277	H
4	5.469	41.05	Pk	34.6	-19.2	0	56.45	-	-	68.2	-11.75	229	277	H
5	* 5.46	28.51	RMS	34.6	-19.2	.3	44.21	54	-9.79	-	-	229	277	H
6	* 5.459	29.21	RMS	34.6	-19.2	.3	44.91	54	-9.09	-	-	229	277	H
7	5.47	29.31	RMS	34.6	-19.2	.3	45.01	-	-	-	-	229	277	H
8	5.467	29.72	RMS	34.6	-19.2	.3	45.42	-	-	-	-	229	277	H

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

PK - Peak detector

RMS - RMS detection

VERTICAL PEAK AND AVERAGE PLOT



VERTICAL DATA

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	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	41.22	Pk	34.6	-19.2	0	56.62	-	-	74	-17.38	168	224	V
2	* 5.459	42.96	Pk	34.6	-19.2	0	58.36	-	-	74	-15.64	168	224	V
3	5.47	39.37	Pk	34.6	-19.2	0	54.77	-	-	68.2	-13.43	168	224	V
4	5.47	47.66	Pk	34.6	-19.2	0	63.06	-	-	68.2	-5.14	168	224	V
5	* 5.46	29.6	RMS	34.6	-19.2	.3	45.3	54	-8.7	-	-	168	224	V
6	* 5.46	30.27	RMS	34.6	-19.2	.3	45.97	54	-8.03	-	-	168	224	V
7	5.47	31.25	RMS	34.6	-19.2	.3	46.95	-	-	-	-	168	224	V
8	5.47	31.61	RMS	34.6	-19.2	.3	47.31	-	-	-	-	168	224	V

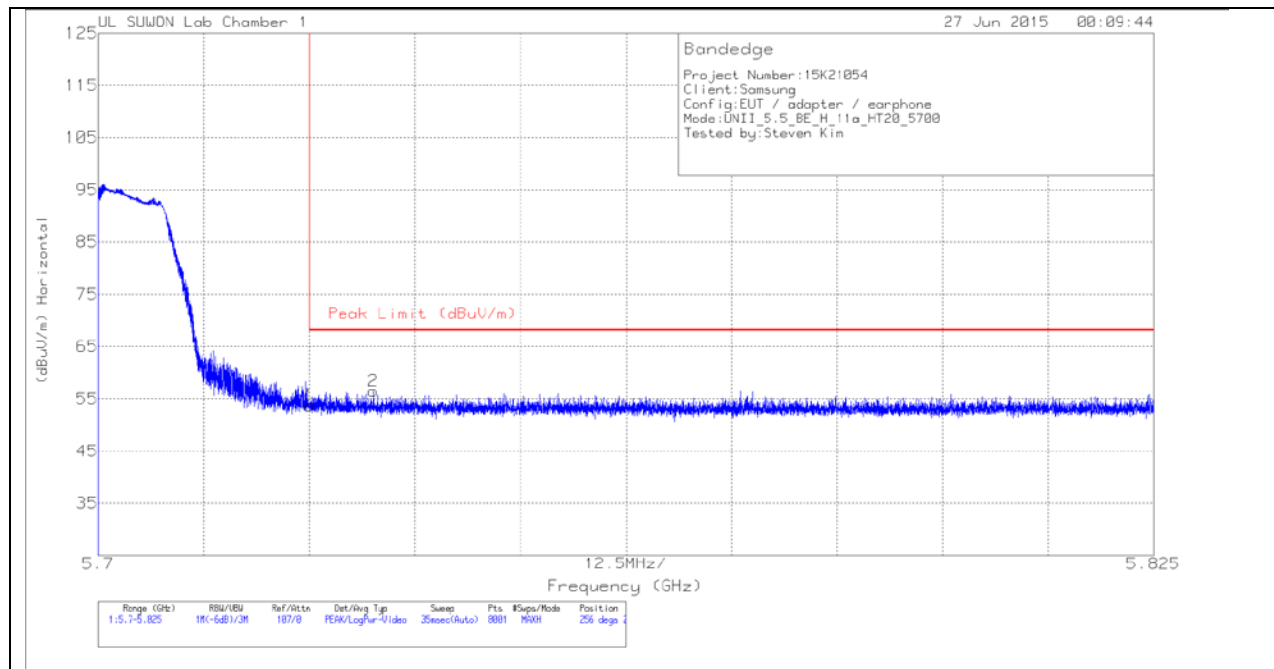
* - indicates frequency in CFR15.205/IC7.2.2 Restricted Band

PK - Peak detector

RMS - RMS detection

AUTHORIZED BANDEDGE (HIGH CHANNEL)

HORIZONTAL PEAK AND AVERAGE PLOT



HORIZONTAL DATA

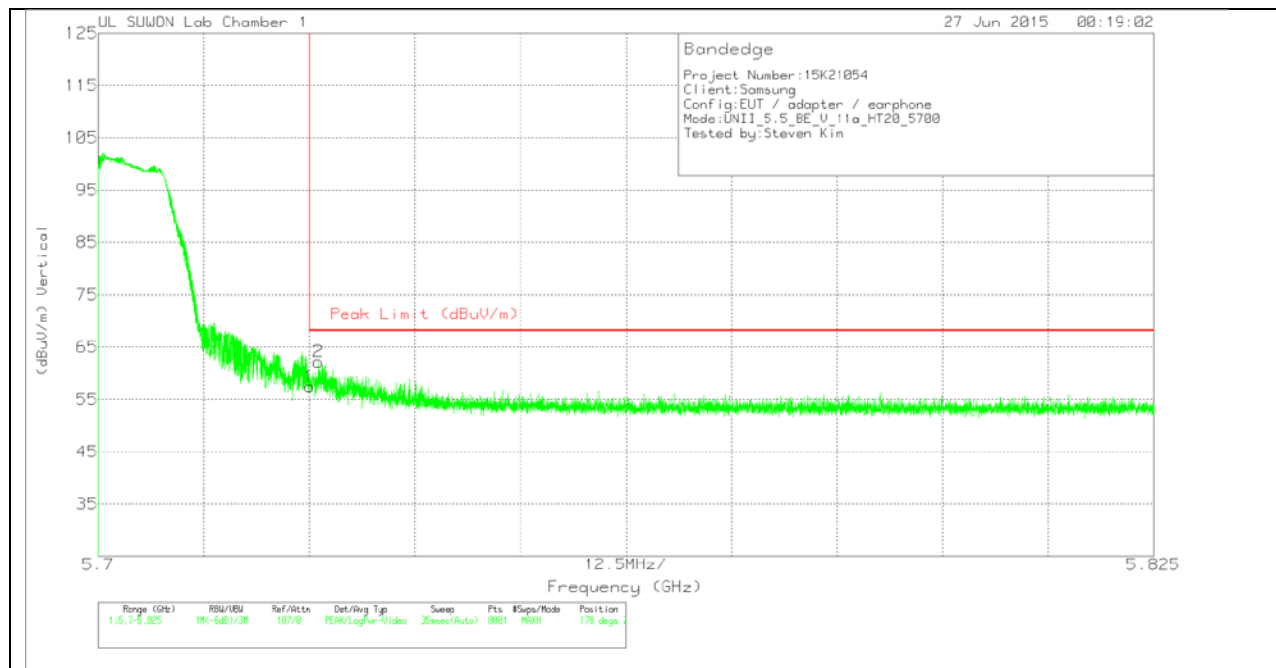
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	3117(0016 8717)_150 619	Path_2_10 dB	DC Corr (dB)	Corrected Reading (dBuV/m)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.725	37.74	Pk	34.8	-18.8	0	53.74	68.2	-14.46	256	287	H
2	5.733	40.48	Pk	34.8	-18.8	0	56.48	68.2	-11.72	256	287	H

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

PK - Peak detector

RMS - RMS detection

VERTICAL PEAK AND AVERAGE PLOT



VERTICAL DATA

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	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	41.47	Pk	34.8	-18.8	0	57.47	68.2	-10.73	178	255	V
2	5.726	46.19	Pk	34.8	-18.8	0	62.19	68.2	-6.01	178	255	V

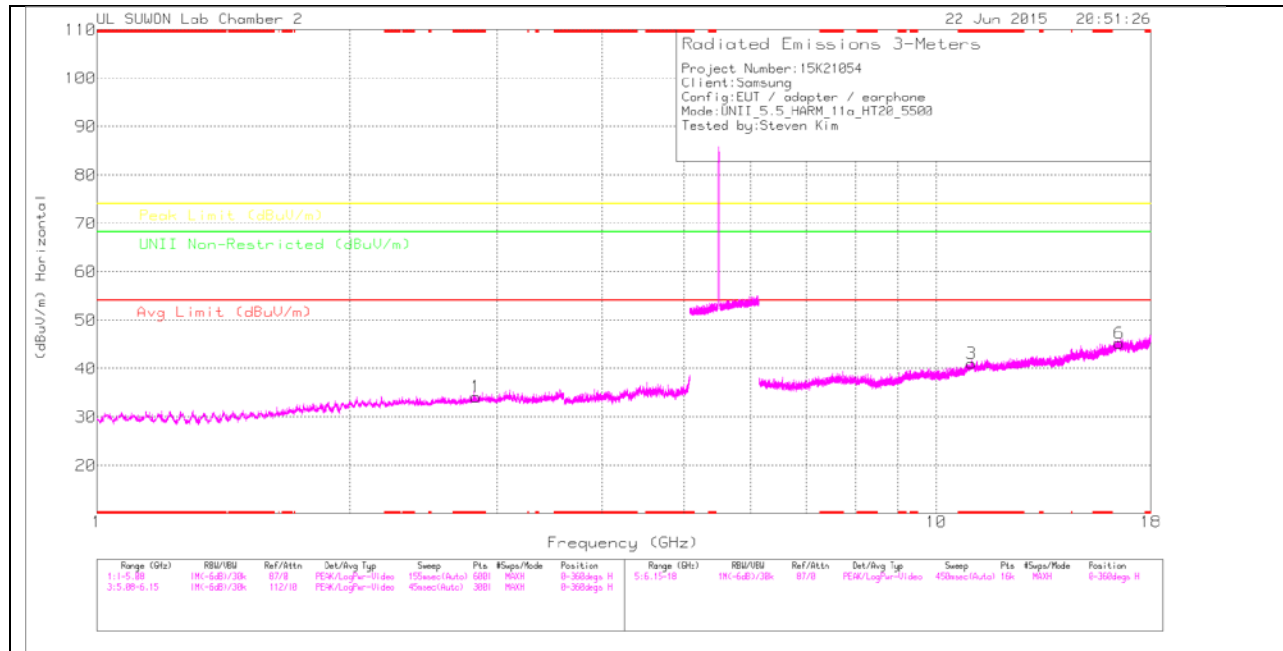
* - indicates frequency in CFR15.205/IC7.2.2 Restricted Band

PK - Peak detector

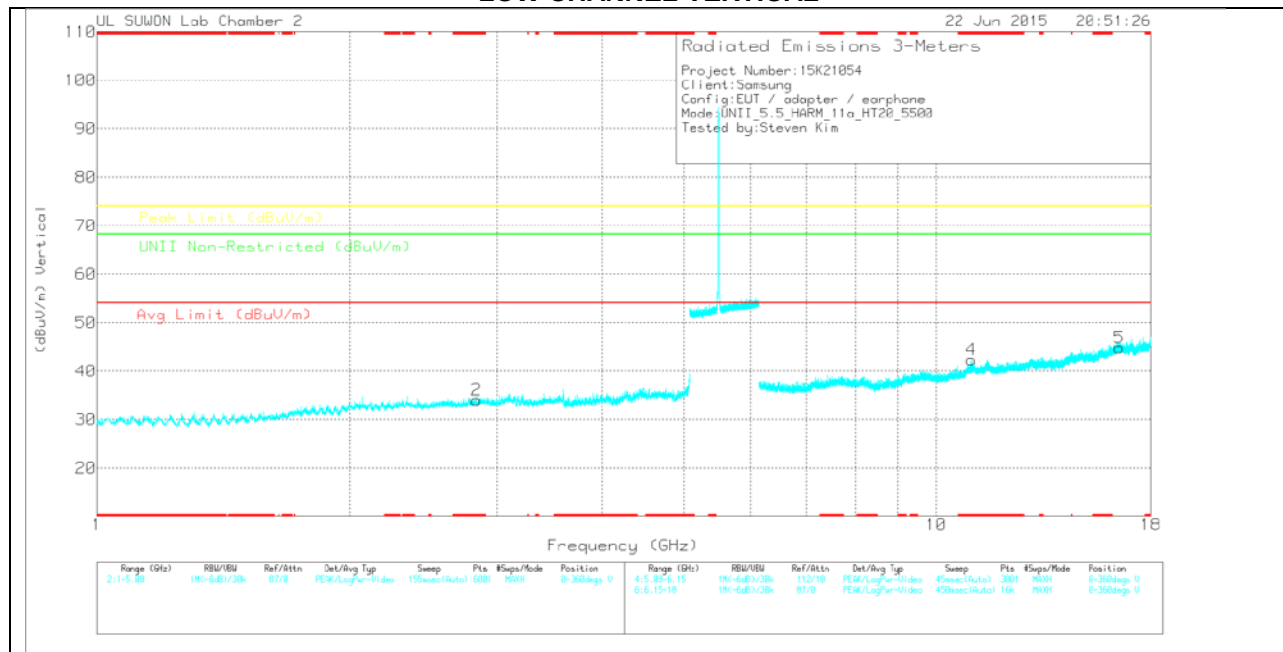
RMS - RMS detection

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

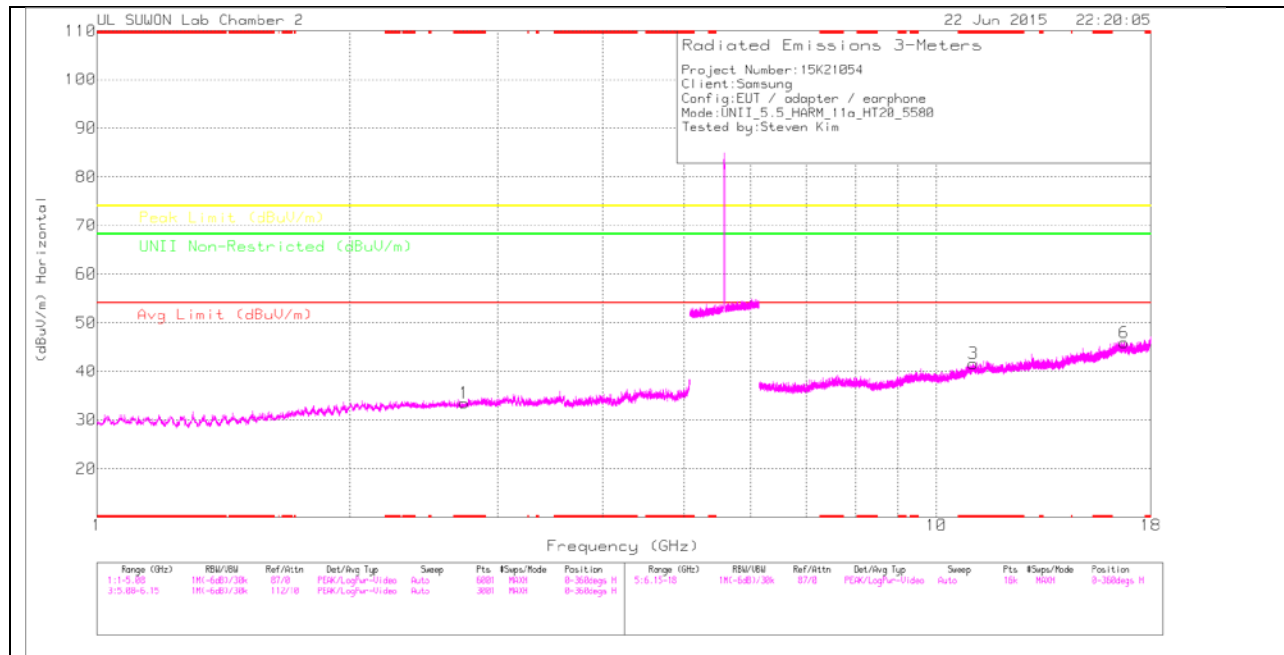
TRACE MARKERS

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	3117(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	* 2.829	28.44	PK	32.3	-26.5	0	34.24	-	-	74	-39.76	-	-	0-360	100	H
2	* 2.831	28.2	PK	32.3	-26.5	0	34	-	-	74	-40	-	-	0-360	99	V
3	* 11	20.68	PK	38	-17.6	0	41.08	-	-	74	-32.92	-	-	0-360	200	H
6	16.505	20.32	PK	41	-16.1	0	45.22	-	-	-	-	68.2	-22.98	0-360	100	H
4	* 11.002	22	PK	38	-17.6	0	42.4	-	-	74	-31.6	-	-	0-360	200	V
5	16.501	19.88	PK	41	-16.1	0	44.78	-	-	-	-	68.2	-23.42	0-360	200	V

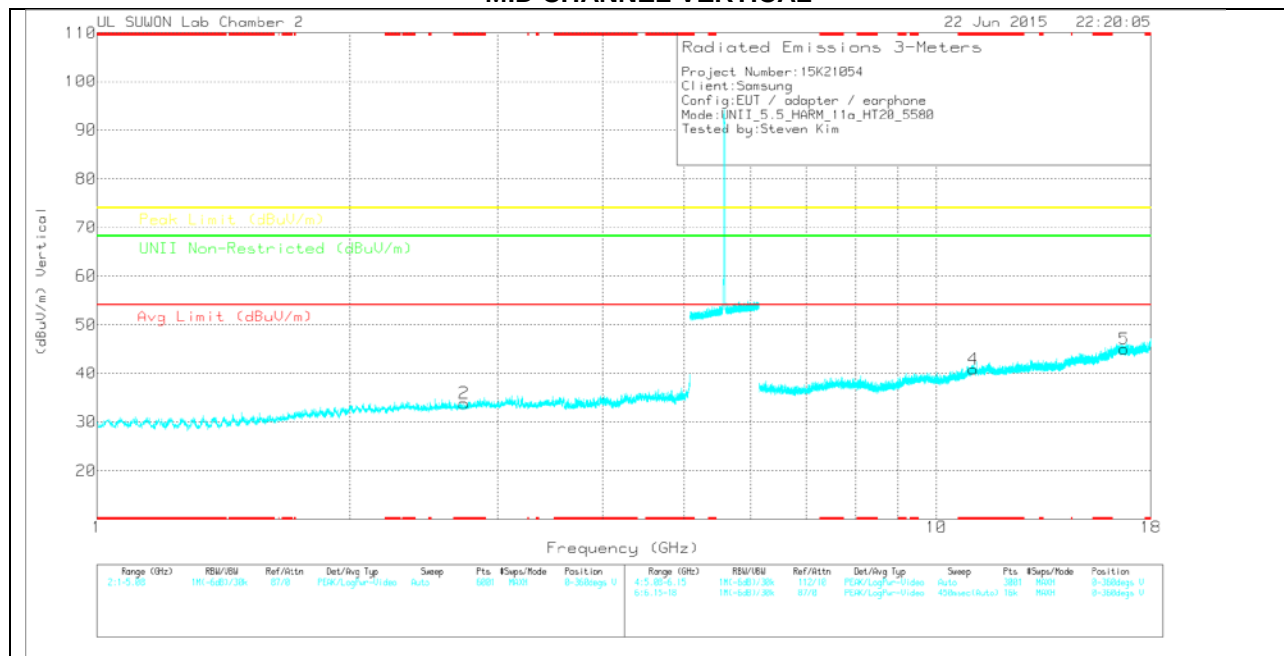
* - indicates frequency in CFR15.205/IC7.2.2 Restricted Band

PK – Peak detector

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

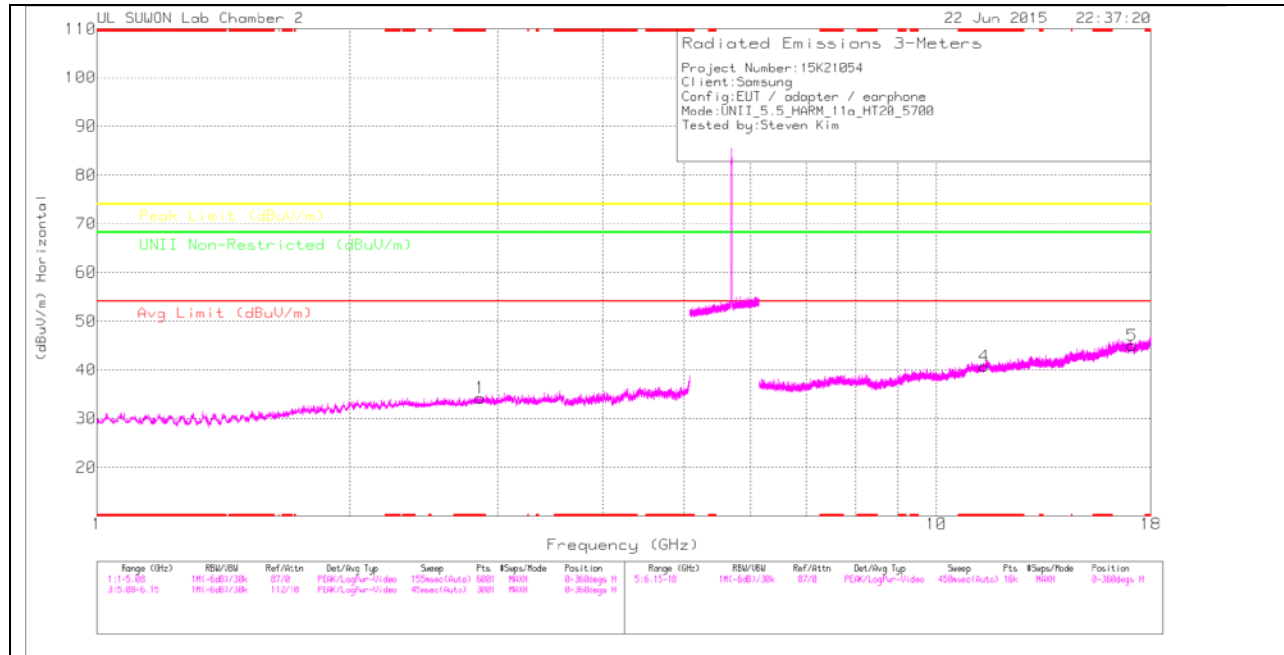
TRACE MARKERS

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	* 2.739	27.78	PK	32.1	-26.4	0	33.48	-	-	74	-40.52	-	-	0-360	100	H
2	* 2.737	28.12	PK	32.1	-26.4	0	33.82	-	-	74	-40.18	-	-	0-360	100	V
3	* 11.059	21.21	PK	38.1	-17.7	0	41.61	-	-	74	-32.39	-	-	0-360	200	H
6	16.739	20.49	PK	41	-15.6	0	45.89	-	-	-	-	68.2	-22.31	0-360	200	H
4	* 11.061	20.5	PK	38.1	-17.7	0	40.9	-	-	74	-33.1	-	-	0-360	100	V
5	16.743	19.55	PK	41	-15.6	0	44.95	-	-	-	-	68.2	-23.25	0-360	100	V

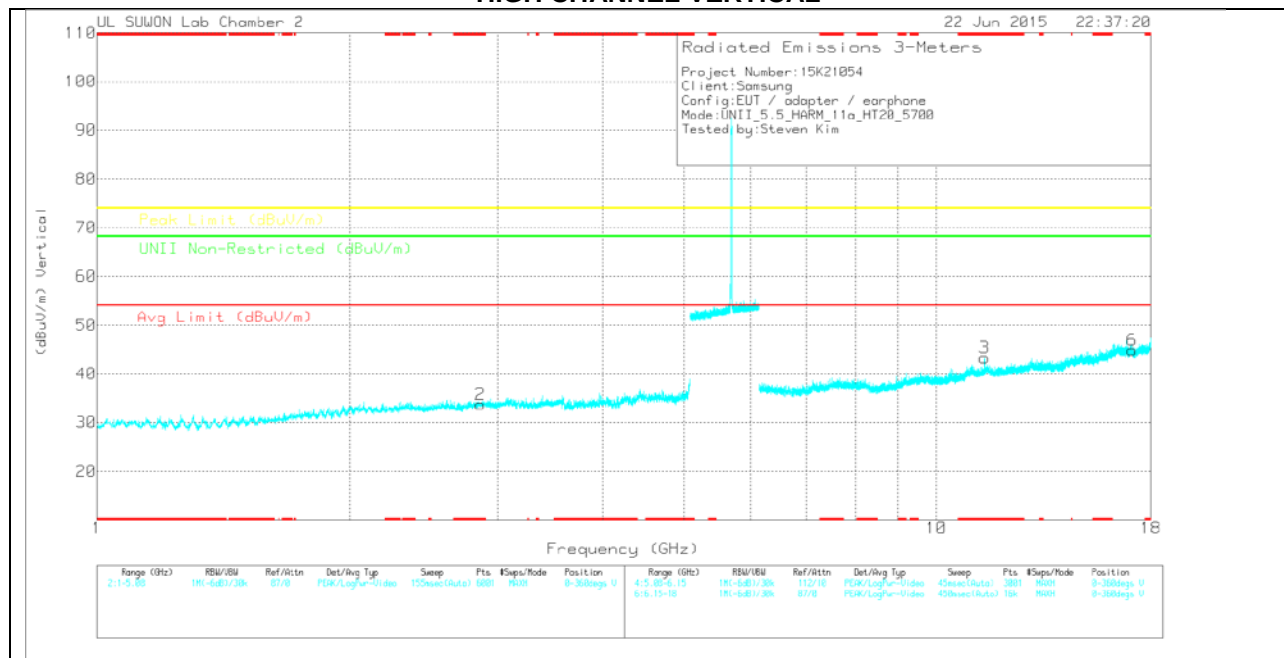
* - indicates frequency in CFR15.205/IC7.2.2 Restricted Band

PK – Peak detector

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

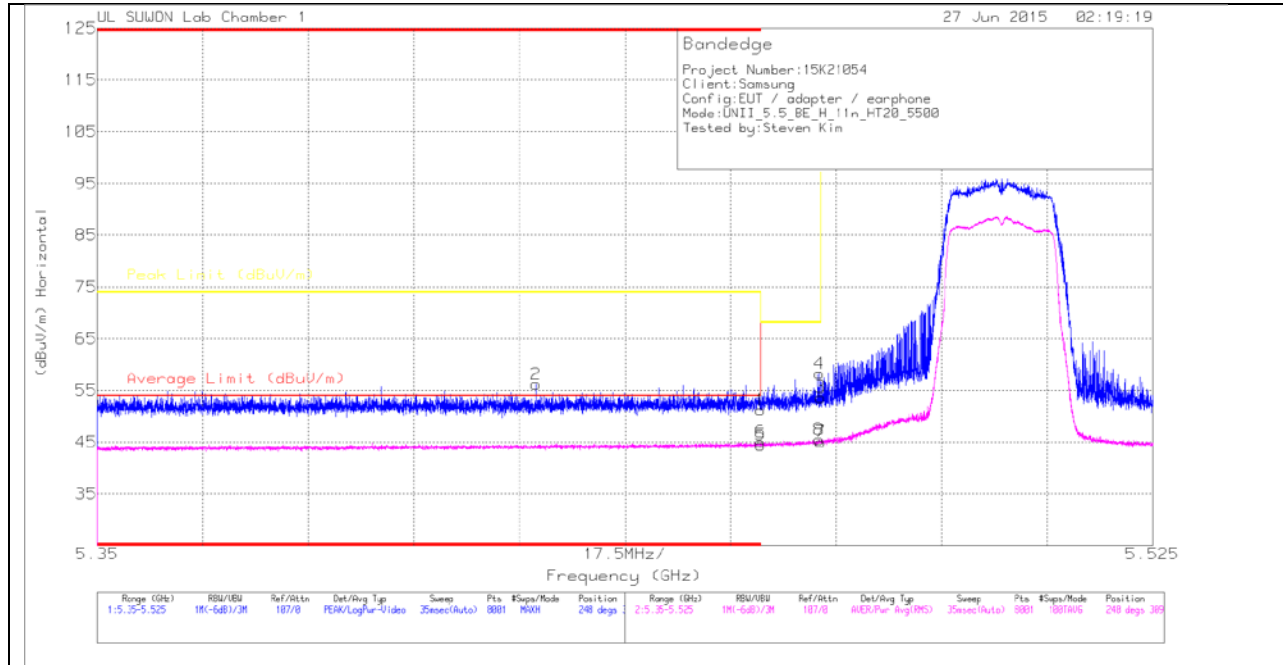
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	3117(0016 8724)_150 619	Path_4	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	UNII Non-Restricted (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.862	28.47	PK	32.3	-26.5	0	34.27	-	-	74	-39.73	-	-	0-360	100	H
2	* 2.86	27.95	PK	32.3	-26.5	0	33.75	-	-	74	-40.25	-	-	0-360	99	V
4	* 11.399	19.67	PK	38.3	-17.2	0	40.77	-	-	74	-33.23	-	-	0-360	100	H
5	17.099	19.16	PK	41.1	-15.3	0	44.96	-	-	-	-	68.2	-23.24	0-360	100	H
3	* 11.403	22.15	PK	38.3	-17.2	0	43.25	-	-	74	-30.75	-	-	0-360	200	V
6	17.098	19.09	PK	41.1	-15.3	0	44.89	-	-	-	-	68.2	-23.31	0-360	200	V

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

PK – Peak detector

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

HORIZONTAL PEAK AND AVERAGE PLOT



HORIZONTAL DATA

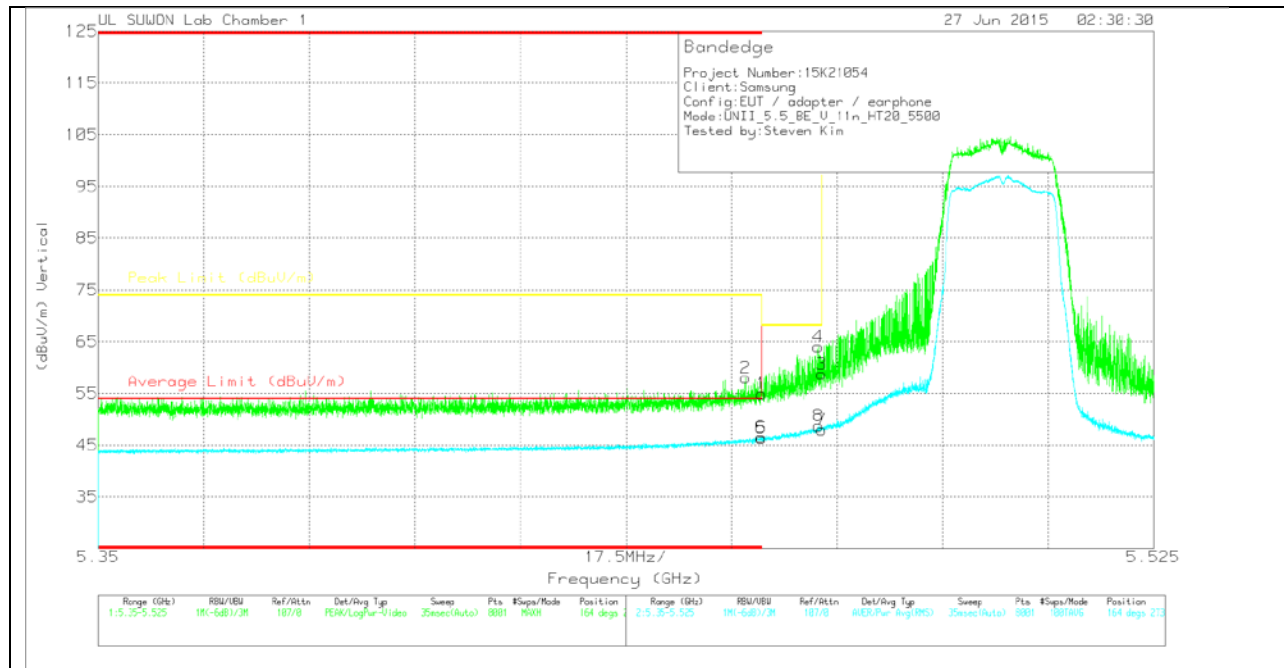
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	3117(001687 17)_150619	Path_2_10d B	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 5.46	35.83	Pk	34.6	-19.2	0	51.23	-	-	74	-22.77	248	309	H
2	* 5.423	40.89	Pk	34.6	-19.3	0	56.19	-	-	74	-17.81	248	309	H
3	5.47	38.28	Pk	34.6	-19.2	0	53.68	-	-	68.2	-14.52	248	309	H
4	5.47	42.84	Pk	34.6	-19.2	0	58.24	-	-	68.2	-9.96	248	309	H
5	* 5.46	28.76	RMS	34.6	-19.2	.32	44.48	54	-9.52	-	-	248	309	H
6	* 5.46	29.32	RMS	34.6	-19.2	.32	45.04	54	-8.96	-	-	248	309	H
7	5.47	29.35	RMS	34.6	-19.2	.32	45.07	-	-	-	-	248	309	H
8	5.47	29.74	RMS	34.6	-19.2	.32	45.46	-	-	-	-	248	309	H

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

PK - Peak detector

RMS - RMS detection

VERTICAL PEAK AND AVERAGE PLOT



VERTICAL DATA

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	3117(001687 17)_150619	Path_2_10dB	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	39.53	Pk	34.6	-19.2	0	54.93	-	-	74	-19.07	164	273	V
2	* 5.457	42.62	Pk	34.6	-19.2	0	58.02	-	-	74	-15.98	164	273	V
3	5.47	43.34	Pk	34.6	-19.2	0	58.74	-	-	68.2	-9.46	164	273	V
4	5.469	48.62	Pk	34.6	-19.2	0	64.02	-	-	68.2	-4.18	164	273	V
5	* 5.46	30.59	RMS	34.6	-19.2	.32	46.31	54	-7.69	-	-	164	273	V
6	* 5.46	30.85	RMS	34.6	-19.2	.32	46.57	54	-7.43	-	-	164	273	V
7	5.47	32.29	RMS	34.6	-19.2	.32	48.01	-	-	-	-	164	273	V
8	5.469	33.01	RMS	34.6	-19.2	.32	48.73	-	-	-	-	164	273	V

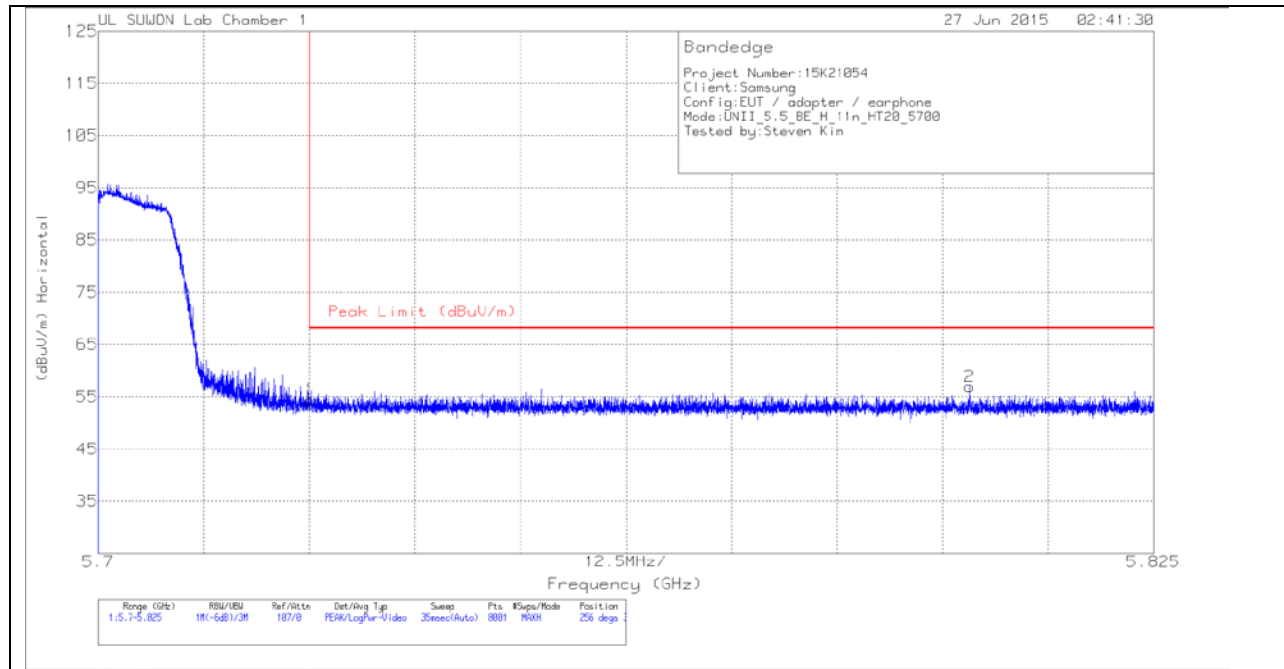
* - indicates frequency in CFR15.205/IC7.2.2 Restricted Band

PK - Peak detector

RMS - RMS detection

AUTHORIZED BANDEDGE (HIGH CHANNEL)

HORIZONTAL PEAK AND AVERAGE PLOT



HORIZONTAL DATA

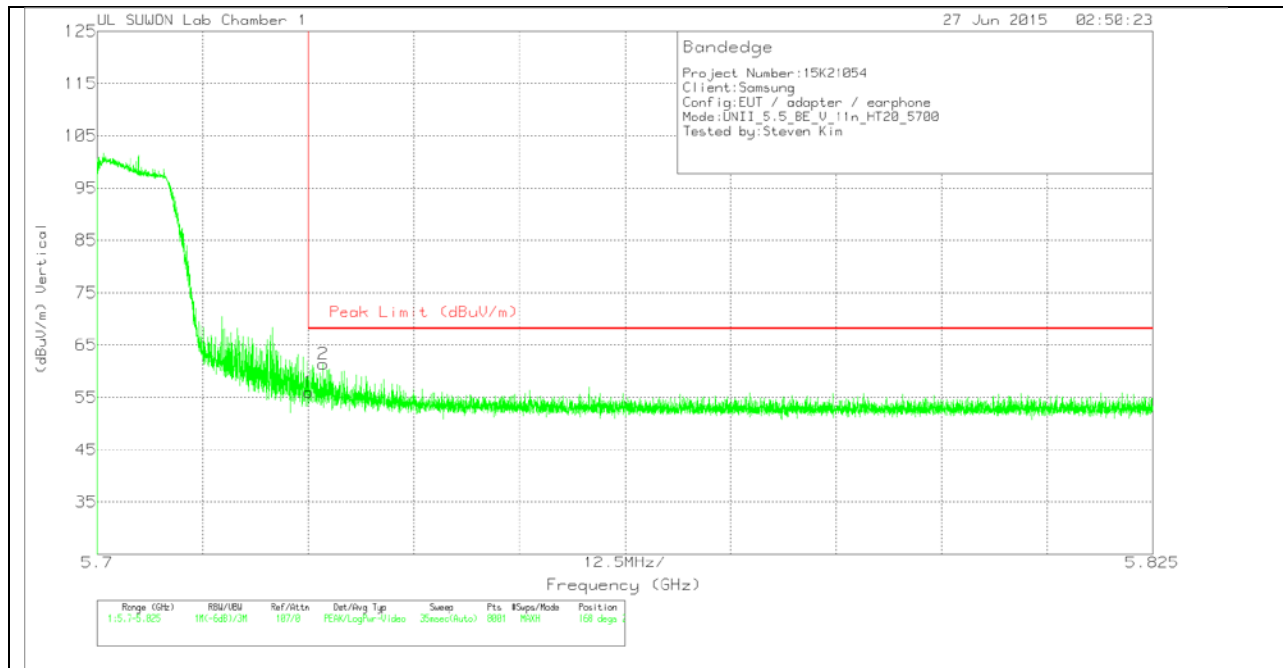
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	3117(0016 8717)_150 619	Path_2_10 dB	DC Corr (dB)	Corrected Reading (dBuV/m)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.725	38.43	Pk		-18.8	0	54.43	68.2	-13.77	256	316	H
2	5.803	41.03	Pk		-18.9	0	56.93	68.2	-11.27	256	316	H

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

PK - Peak detector

RMS - RMS detection

VERTICAL PEAK AND AVERAGE PLOT



VERTICAL DATA

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	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	40.02	Pk	34.8	-18.8	0	56.02	68.2	-12.18	168	257	V
2	5.727	45.38	Pk	34.8	-18.8	0	61.38	68.2	-6.82	168	257	V

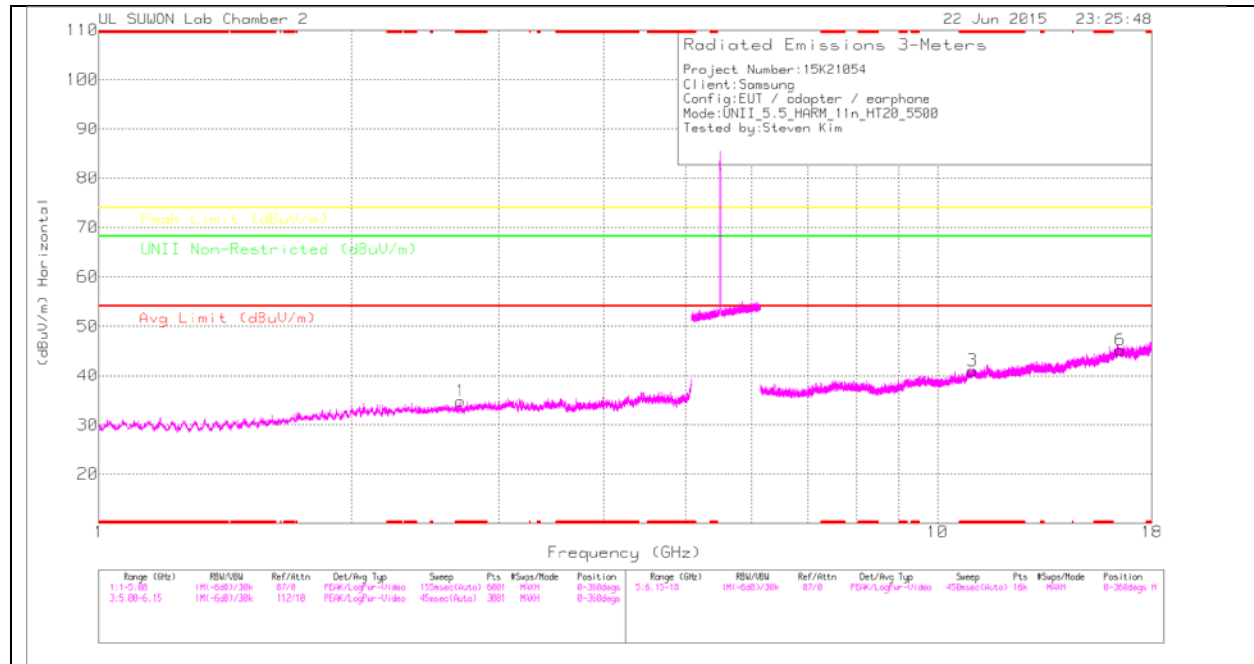
* - indicates frequency in CFR15.205/IC7.2.2 Restricted Band

PK - Peak detector

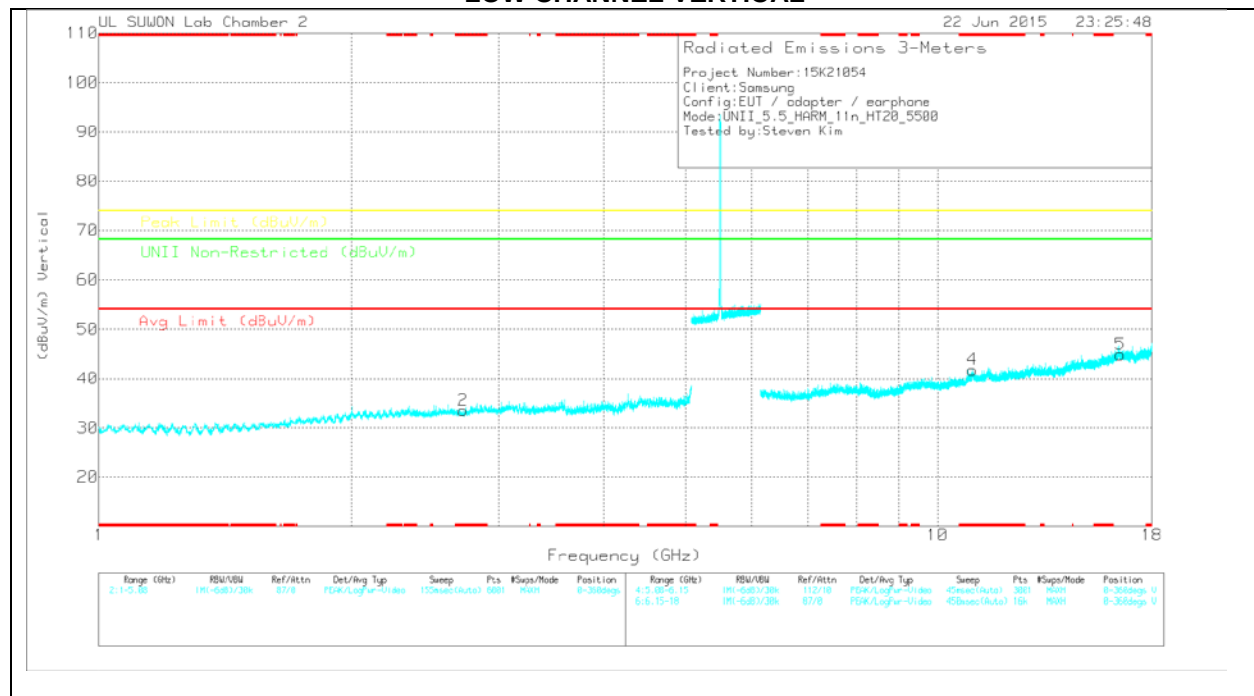
RMS - RMS detection

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

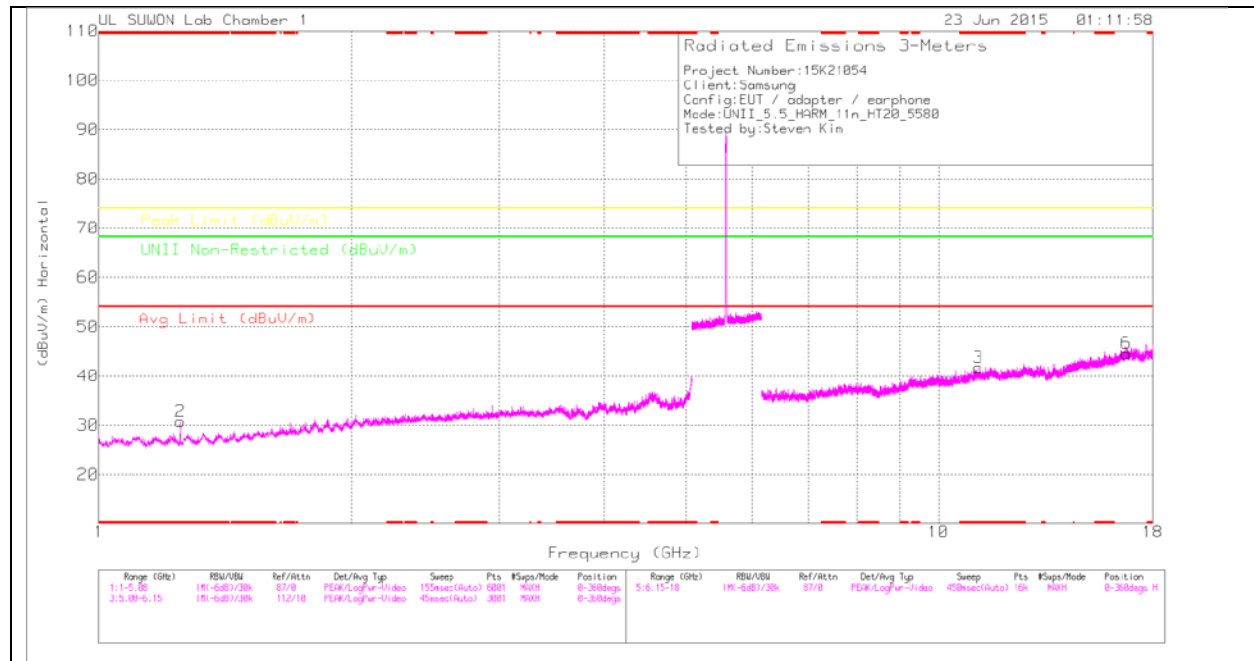
TRACE MARKERS

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	3117(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	* 2.697	28.99	PK	32.1	-26.3	0	34.79	-	-	74	-39.21	-	-	0-360	100	H
2	* 2.718	27.73	PK	32.1	-26.3	0	33.53	-	-	74	-40.47	-	-	0-360	200	V
3	* 11.001	20.61	PK	38	-17.6	0	41.01	-	-	74	-32.99	-	-	0-360	100	H
6	16.501	20.24	PK	41	-16.1	0	45.14	-	-	-	-	68.2	-23.06	0-360	100	H
4	* 11.004	21.39	PK	38	-17.6	0	41.79	-	-	74	-32.21	-	-	0-360	200	V
5	16.5	19.96	PK	41	-16.1	0	44.86	-	-	-	-	68.2	-23.34	0-360	100	V

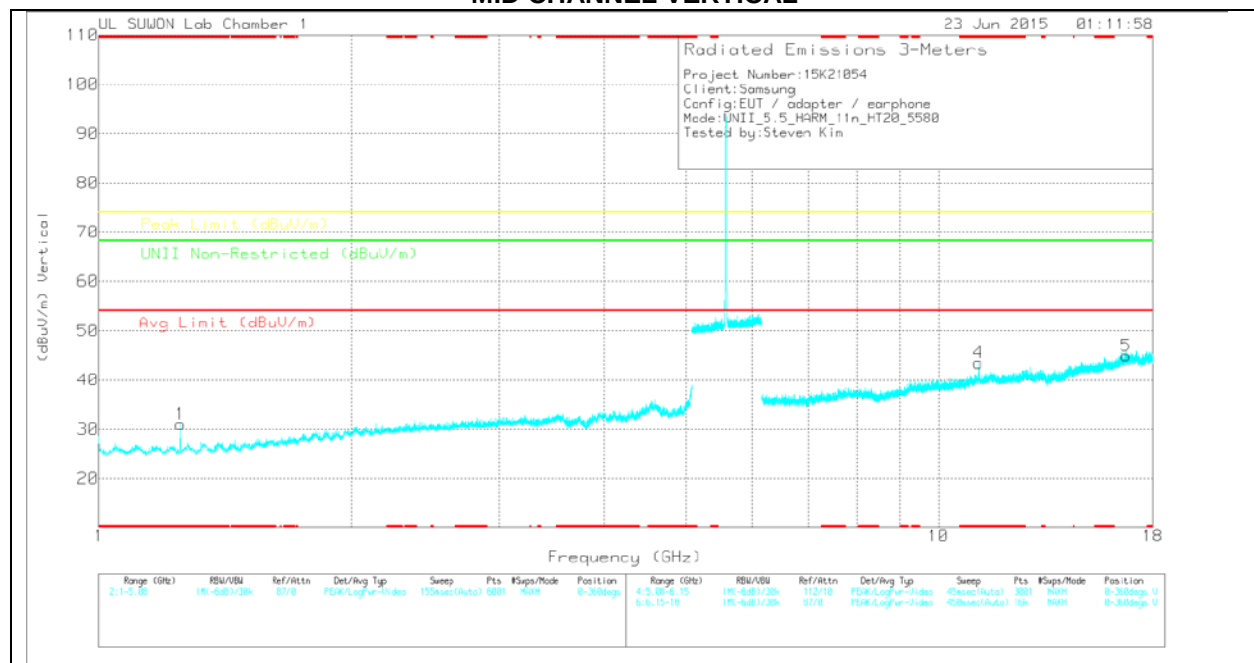
* - indicates frequency in CFR15.205/IC7.2.2 Restricted Band

PK – Peak detector

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
2	* 1.25	36.58	PK	28.3	-34.1	0	30.78	-	-	74	-43.22	-	-	0-360	200	H
1	* 1.25	36.84	PK	28.3	-34.1	0	31.04	-	-	74	-42.96	-	-	0-360	200	V
3	* 11.159	24.41	PK	38.3	-21	0	41.71	-	-	74	-32.29	-	-	0-360	200	H
6	16.744	20.18	PK	41.3	-16.9	0	44.58	-	-	-	-	68.2	-23.62	0-360	100	H
4	* 11.161	26.17	PK	38.3	-21	0	43.47	-	-	74	-30.53	-	-	0-360	200	V
5	16.742	20.5	PK	41.3	-16.9	0	44.9	-	-	-	-	68.2	-23.3	0-360	200	V

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

PK – Peak detector

Radiated Emissions

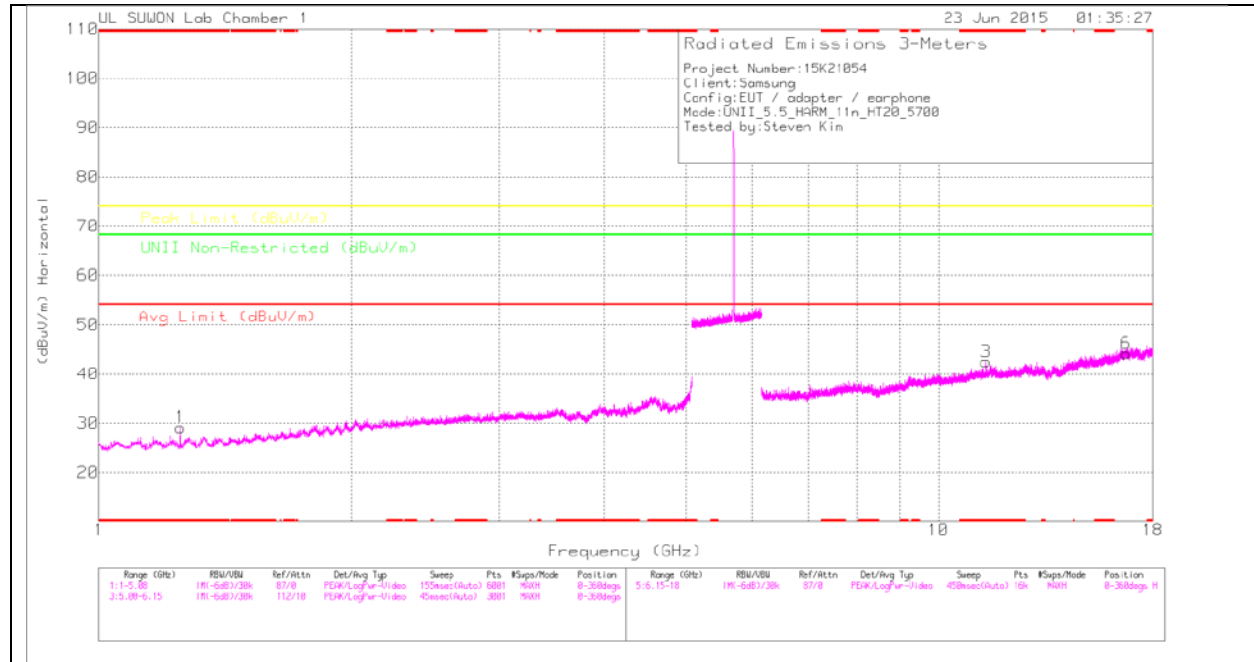
Frequency (GHz)	Meter Reading (dBuV)	Det	3117(001687 17)_150619	Path_4_5GLP	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	UNII Non-Restricted (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
* 11.162	24.5	AD1	38.3	-21	.32	42.12	54	-11.88	-	-	-	-	191	186	V
* 11.161	38.15	PK1	38.3	-21	0	55.45	-	-	74	-18.55	-	-	191	186	V

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

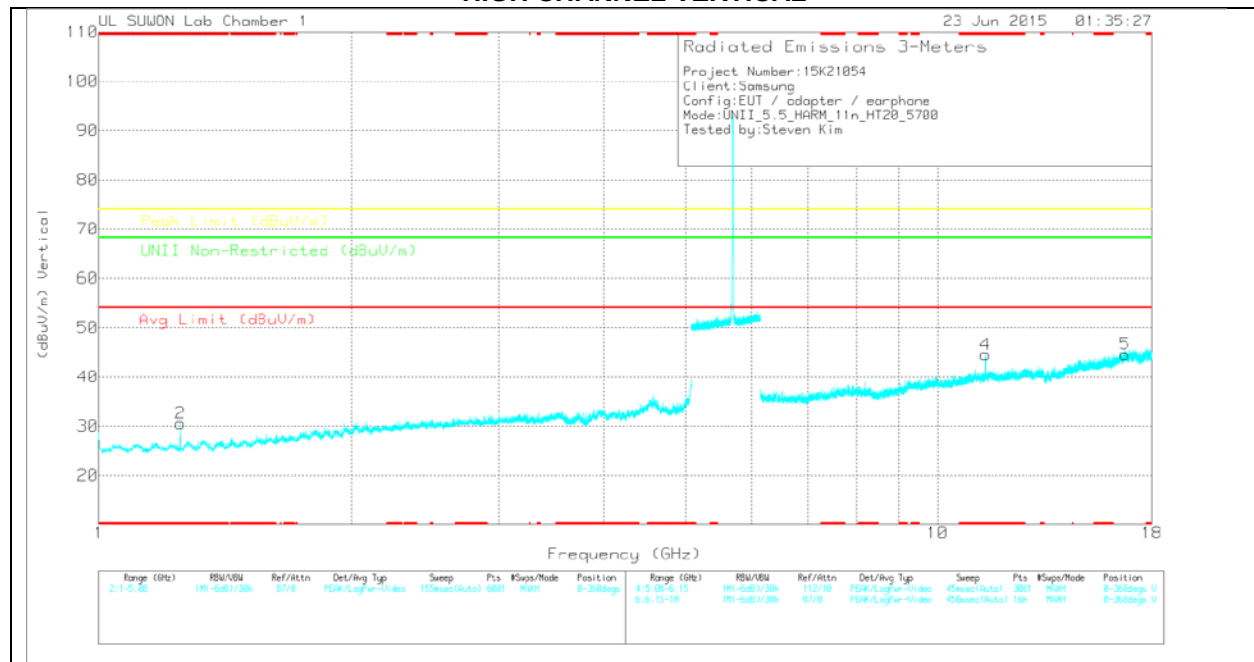
PK1 - KDB789033 Method: Peak

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
1	* 1.25	34.94	PK	28.3	-34.1	0	29.14	-	-	74	-44.86	-	-	0-360	200	H
2	* 1.25	36.36	PK	28.3	-34.1	0	30.56	-	-	74	-43.44	-	-	0-360	200	V
3	* 11.398	24.87	PK	38.5	-20.9	0	42.47	-	-	74	-31.53	-	-	0-360	200	H
6	16.741	19.73	PK	41.3	-16.9	0	44.13	-	-	-	-	68.2	-24.07	0-360	100	H
4	* 11.401	26.94	PK	38.5	-20.9	0	44.54	-	-	74	-29.46	-	-	0-360	100	V
5	16.737	20.3	PK	41.2	-16.9	0	44.6	-	-	-	-	68.2	-23.6	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
* 11.401	40.04	PK1	38.5	-20.9	0	57.64	-	-	74	-16.36	-	-	180	174	V
* 11.401	26.14	AD1	38.5	-20.9	.32	44.06	54	-9.94	-	-	-	-	180	174	V

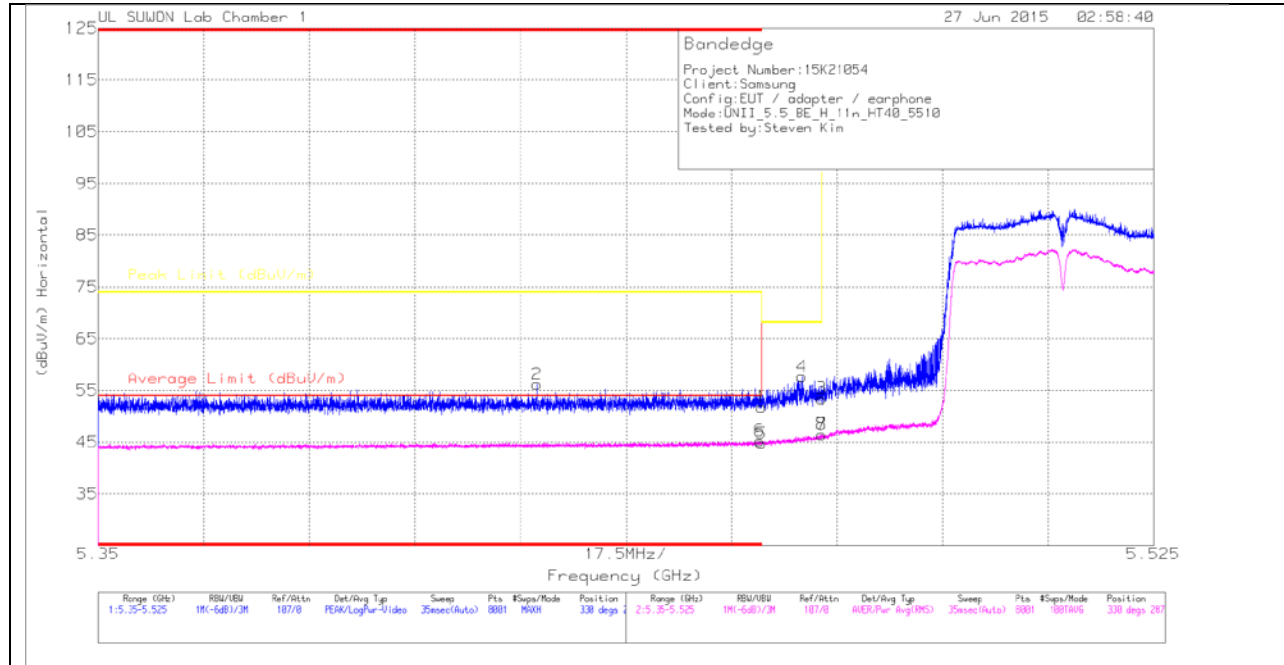
* - indicates frequency in CFR15.205/IC7.2.2 Restricted Band

PK1 - KDB789033 Method: Peak

AD1 - KDB789033 Method: AD Primary Power Average

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

HORIZONTAL PEAK AND AVERAGE PLOT



HORIZONTAL DATA

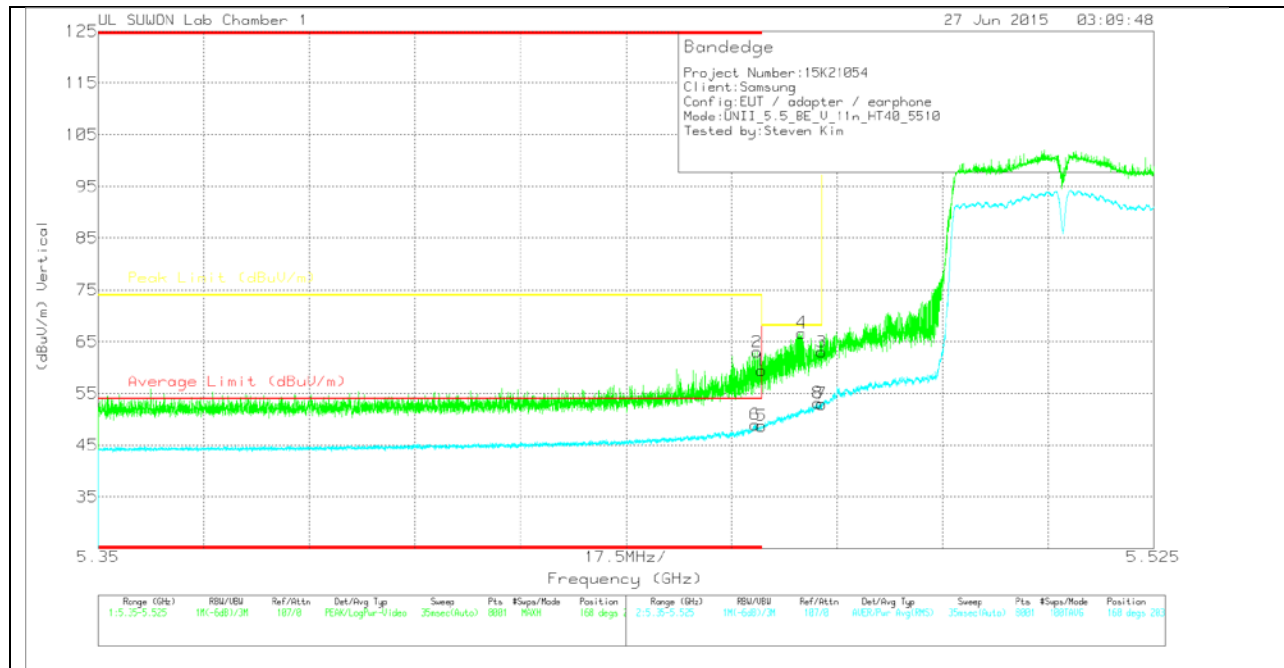
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	3117(001687 17)_150619	Path_2_10d B	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 5.46	36.37	Pk	34.6	-19.2	0	51.77	-	-	74	-22.23	330	287	H
2	* 5.423	40.91	Pk	34.6	-19.3	0	56.21	-	-	74	-17.79	330	287	H
3	5.47	38.05	Pk	34.6	-19.2	0	53.45	-	-	68.2	-14.75	330	287	H
4	5.467	42.25	Pk	34.6	-19.2	0	57.65	-	-	68.2	-10.55	330	287	H
5	* 5.46	28.72	RMS	34.6	-19.2	.63	44.75	54	-9.25	-	-	330	287	H
6	* 5.46	29.27	RMS	34.6	-19.2	.63	45.3	54	-8.7	-	-	330	287	H
7	5.47	30.45	RMS	34.6	-19.2	.63	46.48	-	-	-	-	330	287	H
8	5.47	30.48	RMS	34.6	-19.2	.63	46.51	-	-	-	-	330	287	H

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

PK - Peak detector

RMS - RMS detection

VERTICAL PEAK AND AVERAGE PLOT



VERTICAL DATA

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	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	44.13	Pk	34.6	-19.2	0	59.53	-	-	74	-14.47	168	203	V
2	* 5.459	47.63	Pk	34.6	-19.2	0	63.03	-	-	74	-10.97	168	203	V
3	5.47	47.63	Pk	34.6	-19.2	0	63.03	-	-	68.2	-5.17	168	203	V
4	5.467	51.3	Pk	34.6	-19.2	0	66.7	-	-	68.2	-1.5	168	203	V
5	* 5.46	32.7	RMS	34.6	-19.2	.63	48.73	54	-5.27	-	-	168	203	V
6	* 5.459	32.93	RMS	34.6	-19.2	.63	48.96	54	-5.04	-	-	168	203	V
7	5.47	36.97	RMS	34.6	-19.2	.63	53	-	-	-	-	168	203	V
8	5.469	37.11	RMS	34.6	-19.2	.63	53.14	-	-	-	-	168	203	V

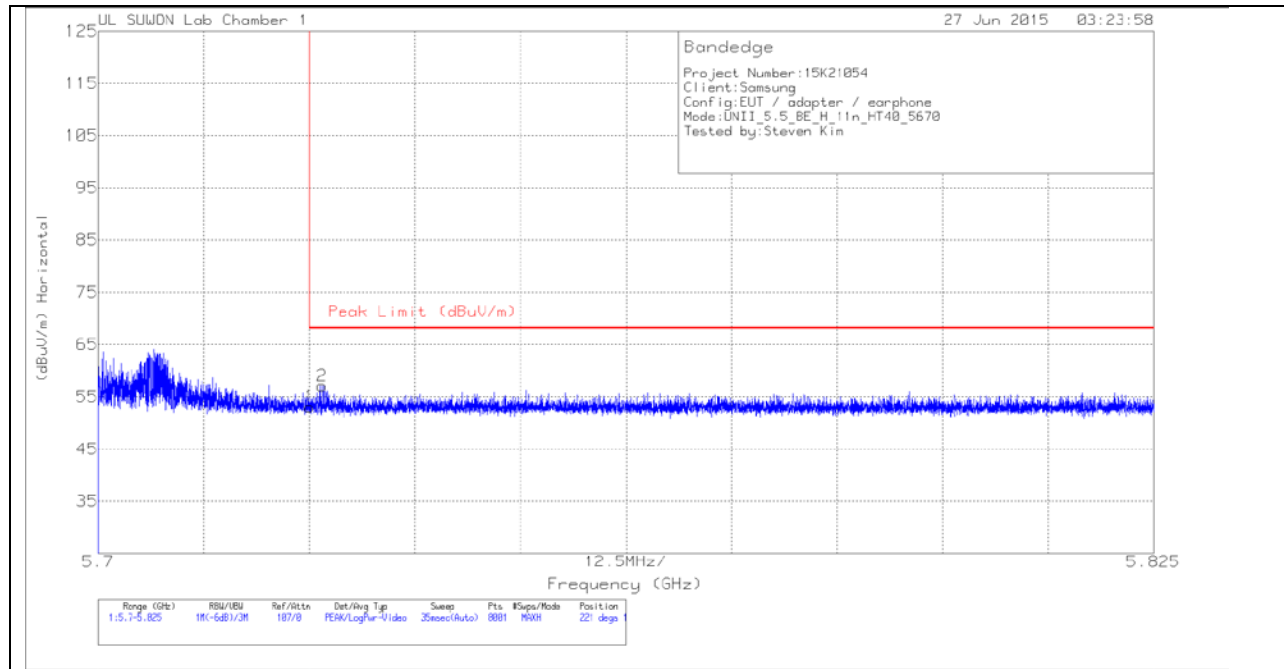
* - indicates frequency in CFR15.205/IC7.2.2 Restricted Band

PK - Peak detector

RMS - RMS detection

AUTHORIZED BANDEDGE (HIGH CHANNEL)

HORIZONTAL PEAK AND AVERAGE PLOT



HORIZONTAL DATA

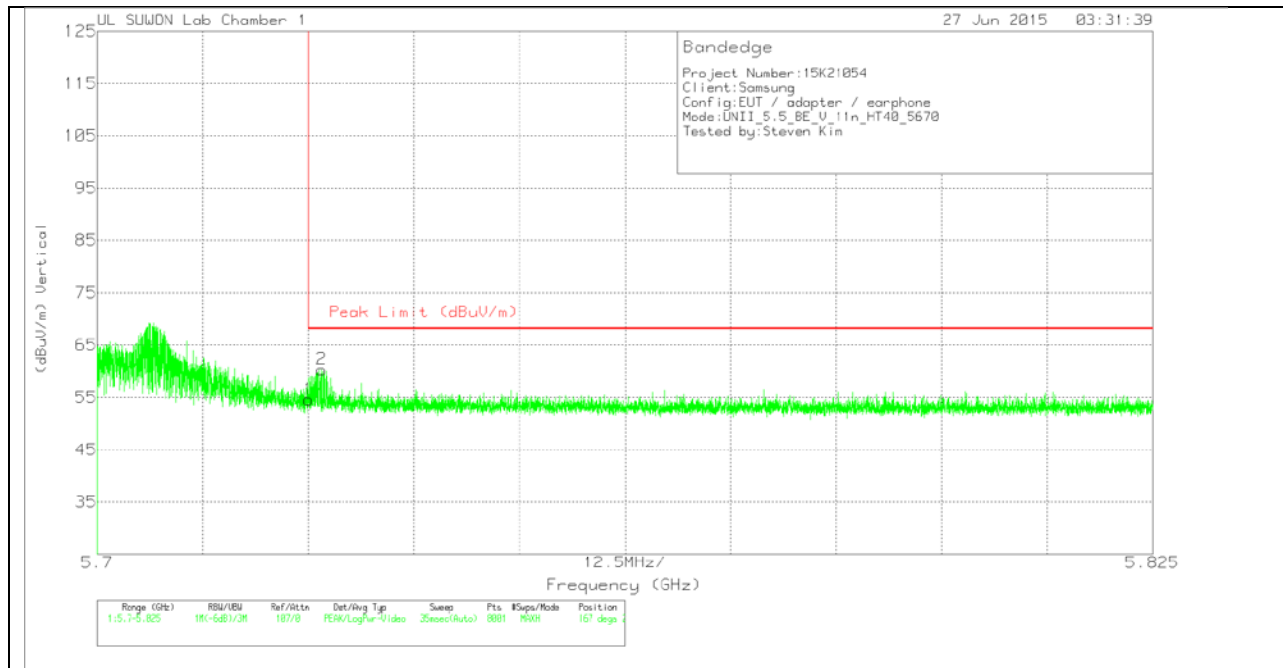
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	3117(0016 8717)_150 619	Path_2_10 dB	DC Corr (dB)	Corrected Reading (dBuV/m)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.725	37.15	Pk	34.8	-18.8	0	53.15	68.2	-15.05	221	180	H
2	5.727	41.08	Pk	34.8	-18.8	0	57.08	68.2	-11.12	221	180	H

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

PK - Peak detector

RMS - RMS detection

VERTICAL PEAK AND AVERAGE PLOT



VERTICAL DATA

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	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	38.61	Pk	34.8	-18.8	0	54.61	68.2	-13.59	167	236	V
2	5.727	44.37	Pk	34.8	-18.8	0	60.37	68.2	-7.83	167	236	V

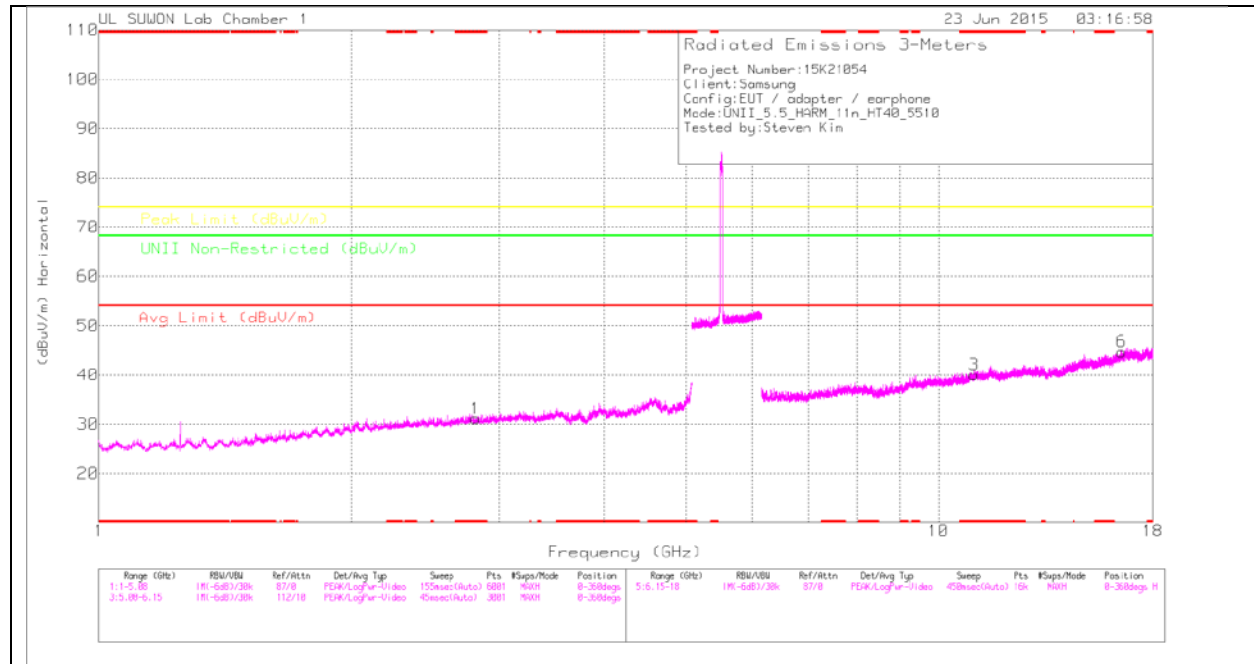
* - indicates frequency in CFR15.205/IC7.2.2 Restricted Band

PK - Peak detector

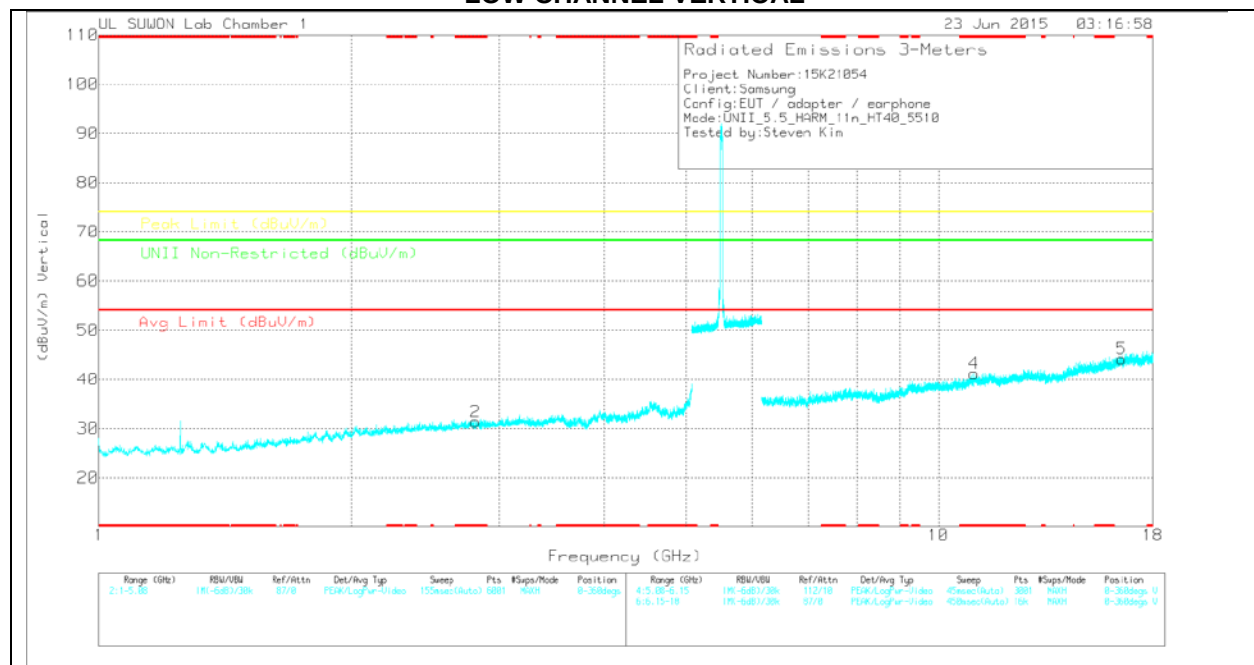
RMS - RMS detection

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

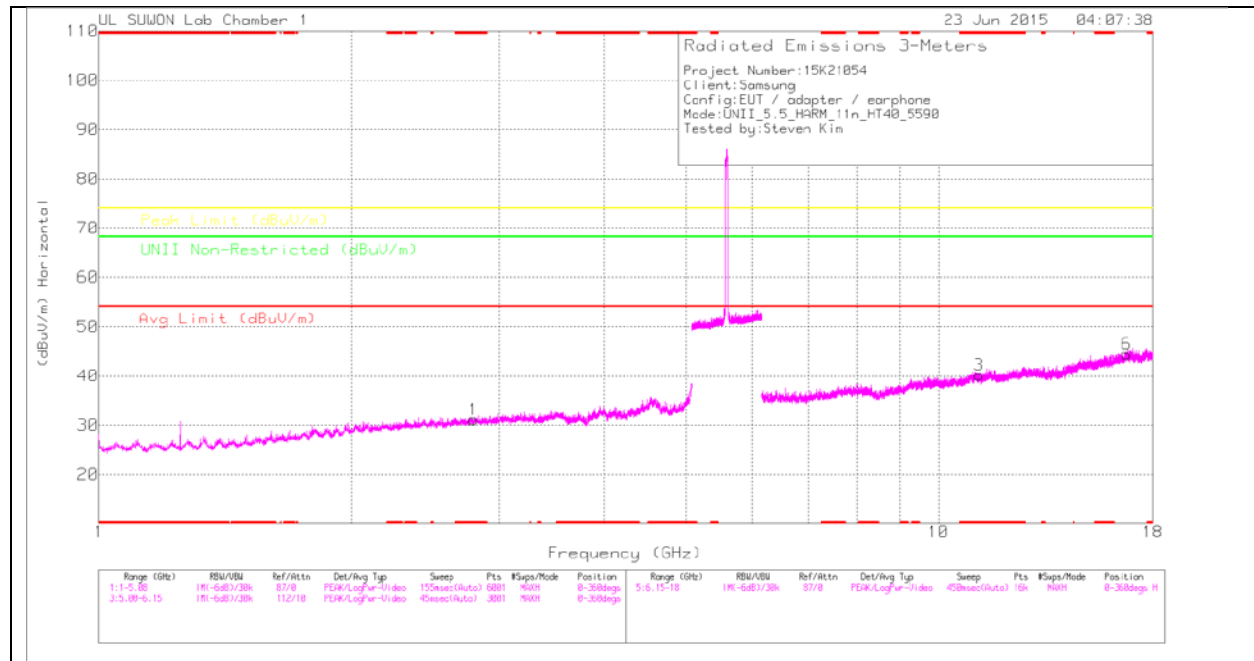
TRACE MARKERS

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	3117/0016 87171_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)	UMI Non-Restricted (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.809	30.42	PK	32.3	-31.6	0	31.12	-	-	74	-42.88	-	-	0-360	100	H
2	* 2.807	30.65	PK	32.3	-31.6	0	31.35	-	-	74	-42.65	-	-	0-360	200	V
3	* 11.022	22.77	PK	38.2	-20.9	0	40.07	-	-	74	-33.93	-	-	0-360	200	H
6	16.529	20.92	PK	41.2	-17.4	0	44.72	-	-	-	-	68.2	-23.48	0-360	100	H
4	* 11.02	23.87	PK	38.2	-20.9	0	41.17	-	-	74	-32.83	-	-	0-360	200	V
5	16.529	20.34	PK	41.2	-17.4	0	44.14	-	-	-	-	68.2	-24.06	0-360	100	V

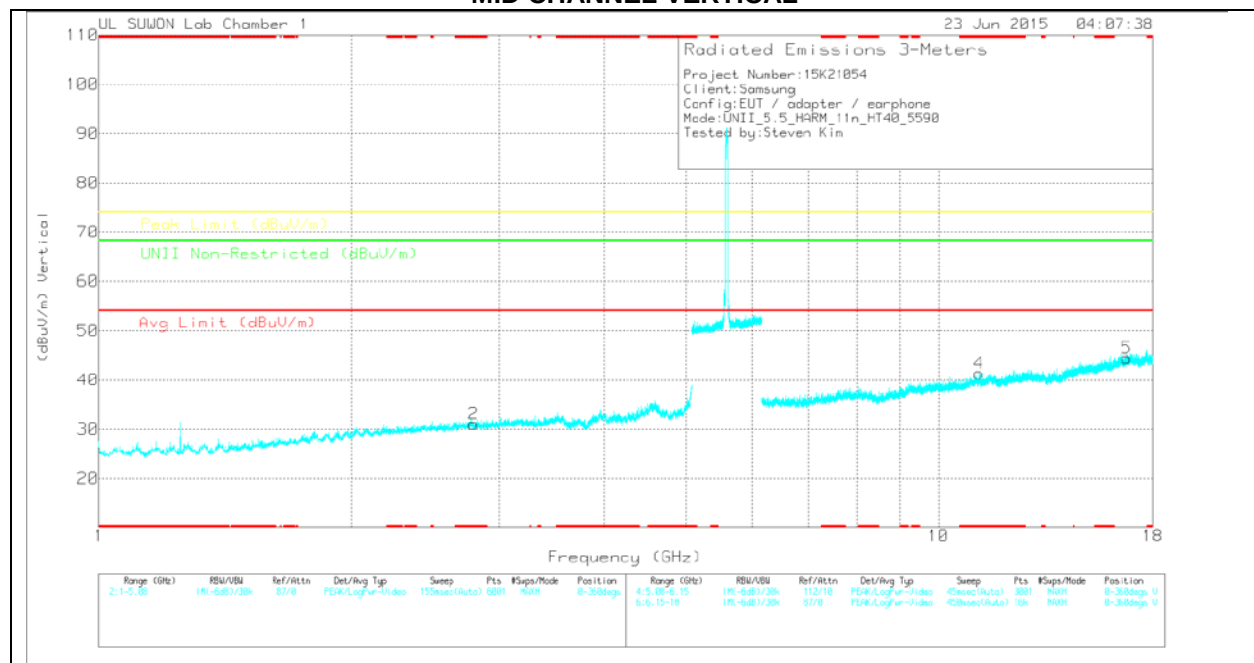
* - indicates frequency in CFR15.205/IC7.2.2 Restricted Band

PK – Peak detector

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

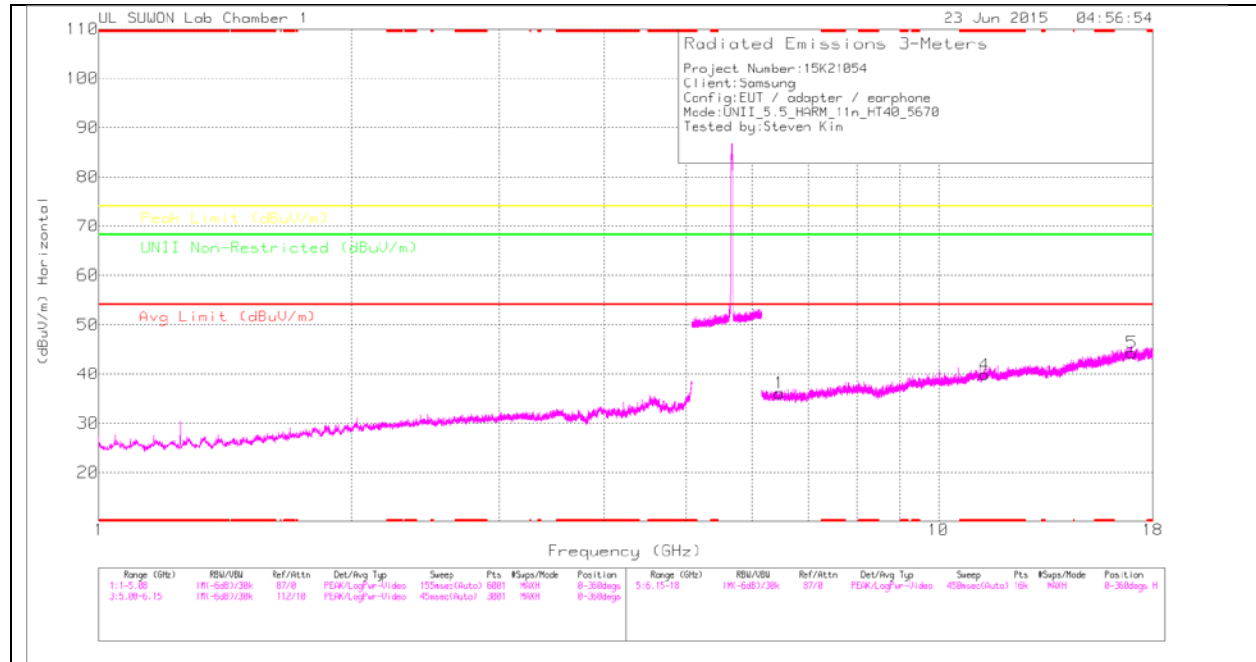
TRACE MARKERS

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	* 2.793	30.3	PK	32.3	-31.5	0	31.1	-	-	74	-42.9	-	-	0-360	100	H
2	* 2.794	30.25	PK	32.3	-31.5	0	31.05	-	-	74	-42.95	-	-	0-360	100	V
3	* 11.179	22.76	PK	38.3	-20.9	0	40.16	-	-	74	-33.84	-	-	0-360	200	H
6	16.768	20.01	PK	41.3	-16.9	0	44.41	-	-	-	-	68.2	-23.79	0-360	100	H
4	* 11.183	23.93	PK	38.3	-20.9	0	41.33	-	-	74	-32.67	-	-	0-360	100	V
5	16.769	20.05	PK	41.3	-16.9	0	44.45	-	-	-	-	68.2	-23.75	0-360	200	V

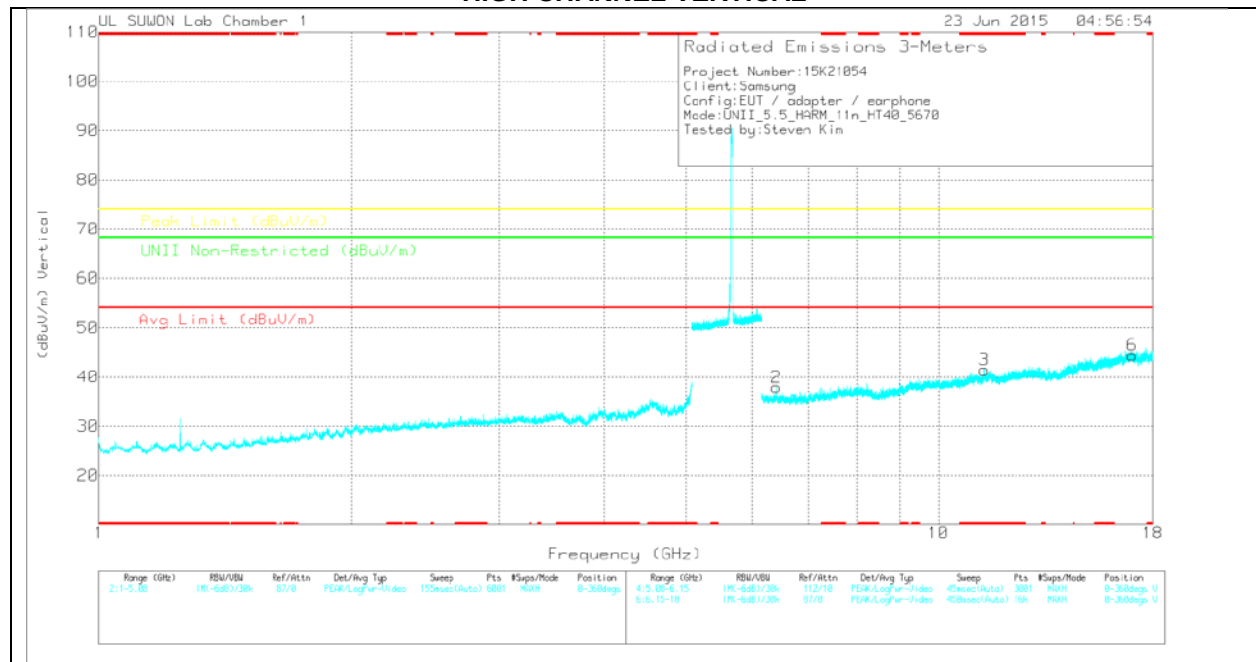
* - indicates frequency in CFR15.205/IC7.2.2 Restricted Band

PK – Peak detector

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

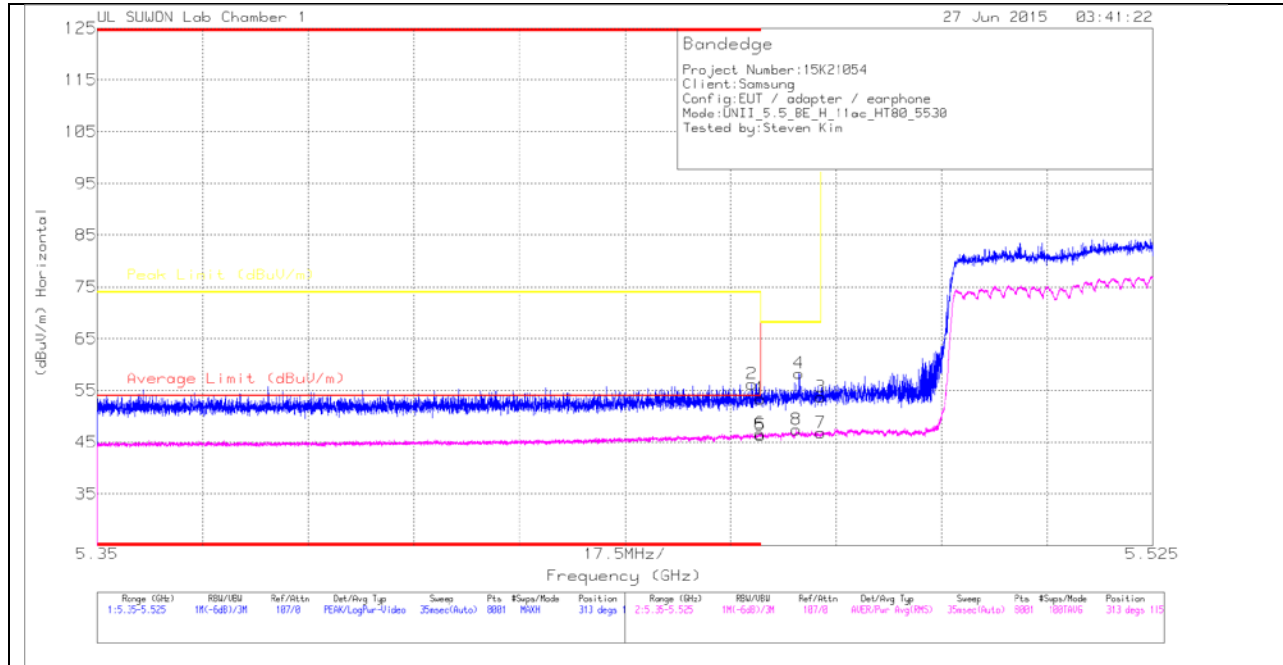
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	3117/0016 8717_150 619	Path_5_6G HP	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	UNII Non-Restricted (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	6.466	26.61	PK	35.4	-25.9	0	36.11	-	-	-	-	68.2	-32.09	0-360	200	H
4	* 11.343	21.72	PK	38.5	-20.4	0	39.82	-	-	74	-34.18	-	-	0-360	200	H
5	17.008	18.99	PK	41.4	-16.1	0	44.29	-	-	-	-	68.2	-23.91	0-360	100	H
2	6.409	28.5	PK	35.3	-25.9	0	37.9	-	-	-	-	68.2	-30.3	0-360	100	V
3	* 11.339	23.35	PK	38.5	-20.4	0	41.45	-	-	74	-32.55	-	-	0-360	100	V
6	17.011	19.11	PK	41.4	-16.1	0	44.41	-	-	-	-	68.2	-23.79	0-360	200	V

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

PK – Peak detector

11.3.4. TX ABOVE 1 GHz 802.11ac VHT80 MODE IN THE 5.5 GHz BAND RESTRICTED BANDEDGE (LOW CHANNEL)

HORIZONTAL PEAK AND AVERAGE PLOT



HORIZONTAL DATA

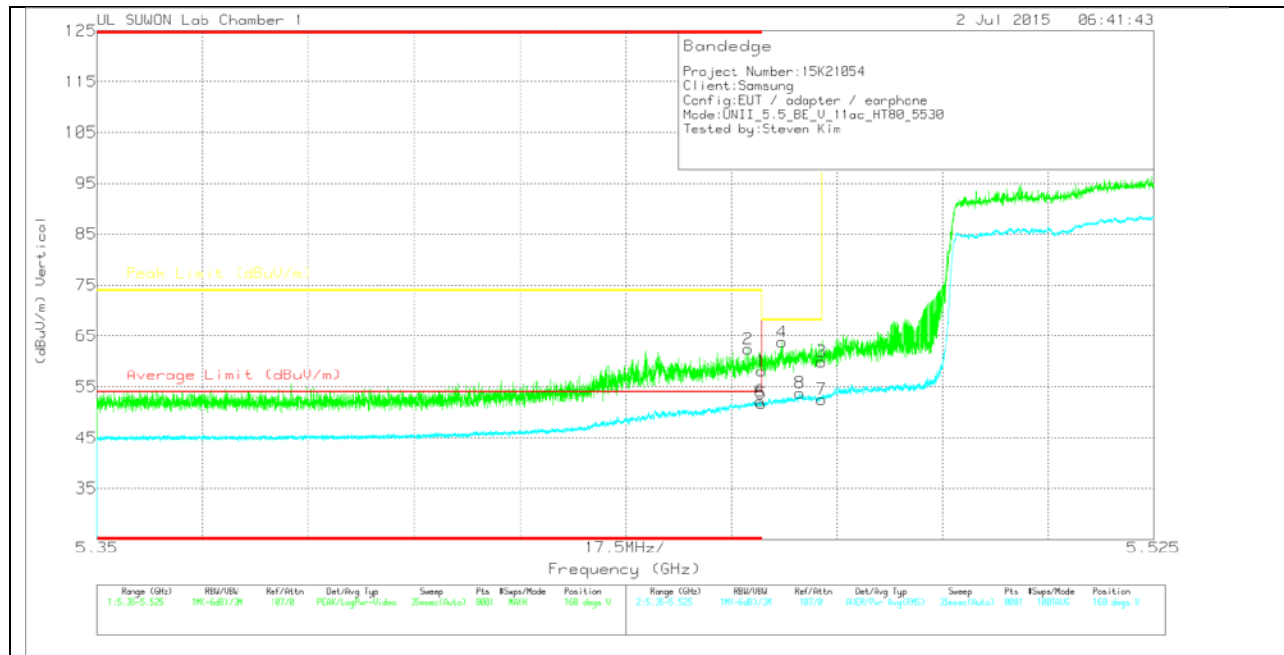
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	3117(001687 17)_150619	Path_2_10d B	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 5.46	38.05	Pk	34.6	-19.2	0	53.45	-	-	74	-20.55	313	115	H
2	* 5.459	40.86	Pk	34.6	-19.2	0	56.26	-	-	74	-17.74	313	115	H
3	5.47	38.34	Pk	34.6	-19.2	0	53.74	-	-	68.2	-14.46	313	115	H
4	5.466	42.93	Pk	34.6	-19.2	0	58.33	-	-	68.2	-9.87	313	115	H
5	* 5.46	29.77	RMS	34.6	-19.2	1.18	46.35	54	-7.65	-	-	313	115	H
6	* 5.46	30.08	RMS	34.6	-19.2	1.18	46.66	54	-7.34	-	-	313	115	H
7	5.47	30.26	RMS	34.6	-19.2	1.18	46.84	-	-	-	-	313	115	H
8	5.466	30.85	RMS	34.6	-19.2	1.18	47.43	-	-	-	-	313	115	H

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

PK - Peak detector

RMS - RMS detection

VERTICAL PEAK AND AVERAGE PLOT



VERTICAL DATA

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	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	42.72	Pk		34.6	-19.2	0	58.12	-	74	-15.88	168	265	V
2	* 5.458	47.05	Pk		34.6	-19.2	0	62.45	-	74	-11.55	168	265	V
3	5.47	44.59	Pk		34.6	-19.2	0	59.99	-	68.2	-8.21	168	265	V
4	5.463	48.44	Pk		34.6	-19.2	0	63.84	-	68.2	-4.36	168	265	V
5	* 5.46	35.16	RMS		34.6	-19.2	1.18	51.74	54	-2.26	-	168	265	V
6	* 5.46	35.58	RMS		34.6	-19.2	1.18	52.16	54	-1.84	-	168	265	V
7	5.47	36.01	RMS		34.6	-19.2	1.18	52.59	-	-	-	168	265	V
8	5.466	37.21	RMS		34.6	-19.2	1.18	53.79	-	-	-	168	265	V

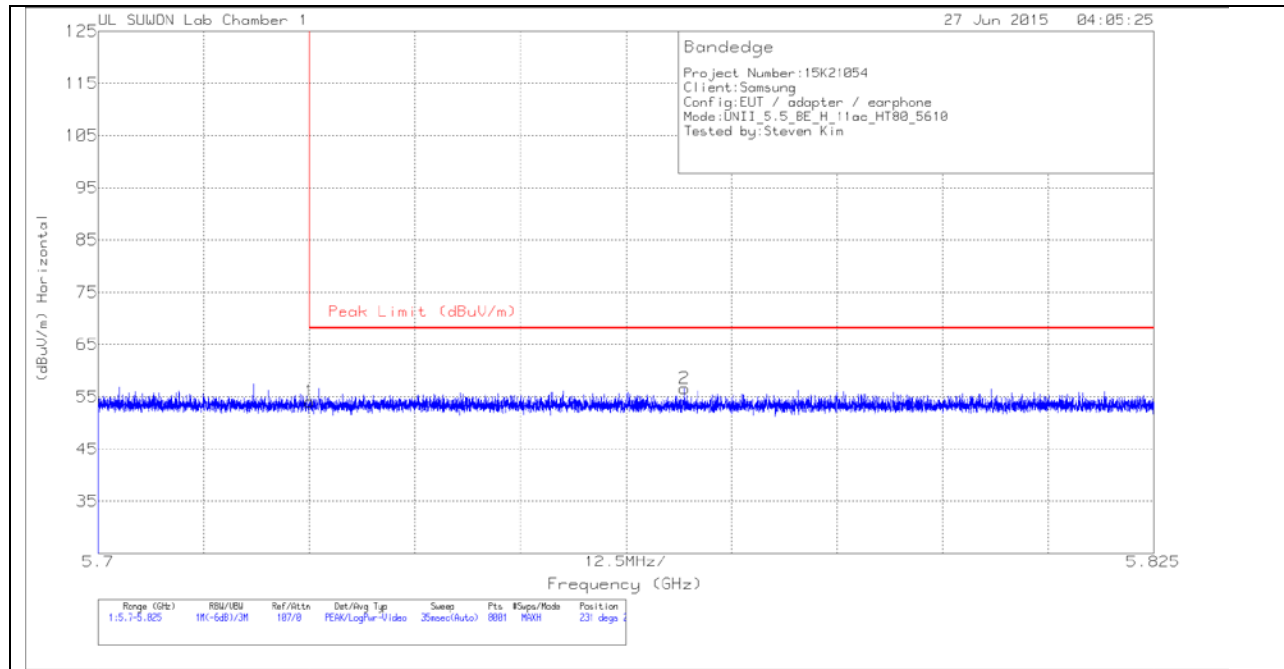
* - indicates frequency in CFR15.205/IC7.2.2 Restricted Band

PK - Peak detector

RMS - RMS detection

AUTHORIZED BANDEDGE (HIGH CHANNEL)

HORIZONTAL PEAK AND AVERAGE PLOT



HORIZONTAL DATA

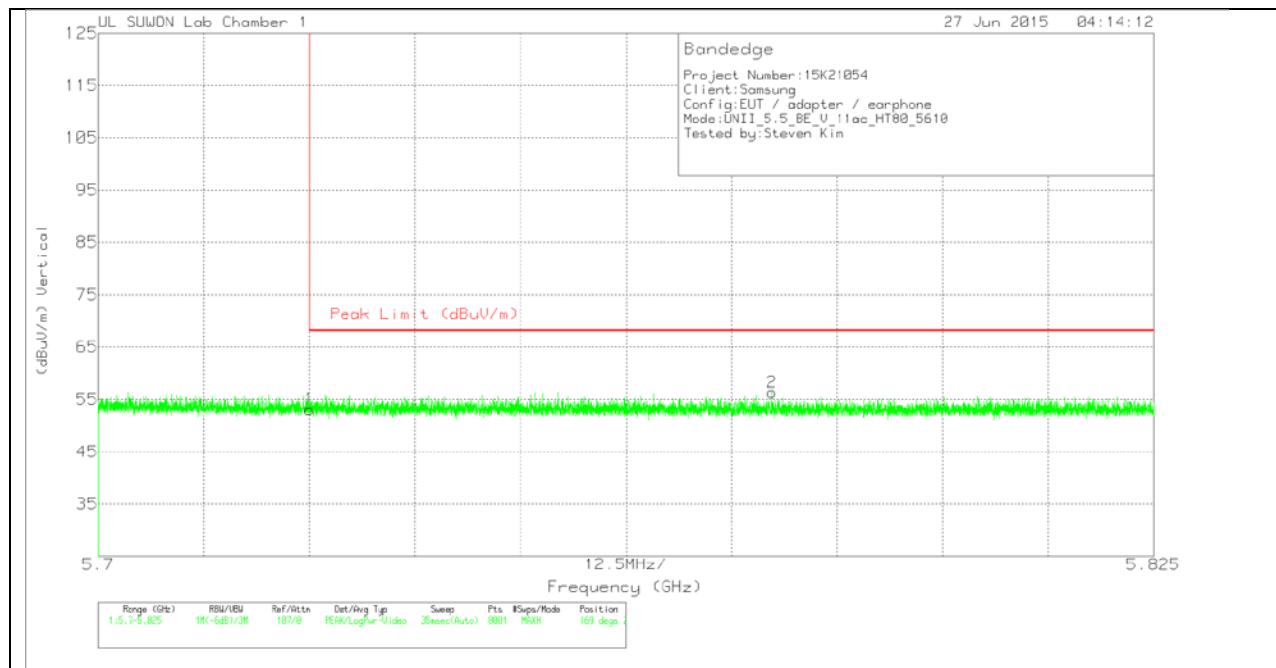
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	3117(0016 8717)_150 619	Path_2_10 dB	DC Corr (dB)	Corrected Reading (dBuV/m)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.725	38.12	Pk		-18.8	0	54.12	68.2	-14.08	231	245	H
2	5.769	40.62	Pk		-18.8	0	56.62	68.2	-11.58	231	245	H

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

PK - Peak detector

RMS - RMS detection

VERTICAL PEAK AND AVERAGE PLOT



VERTICAL DATA

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	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	37.12	Pk	34.8	-18.8	0	53.12	68.2	-15.08	169	239	V
2	5.78	40.33	Pk	34.8	-18.8	0	56.33	68.2	-11.87	169	239	V

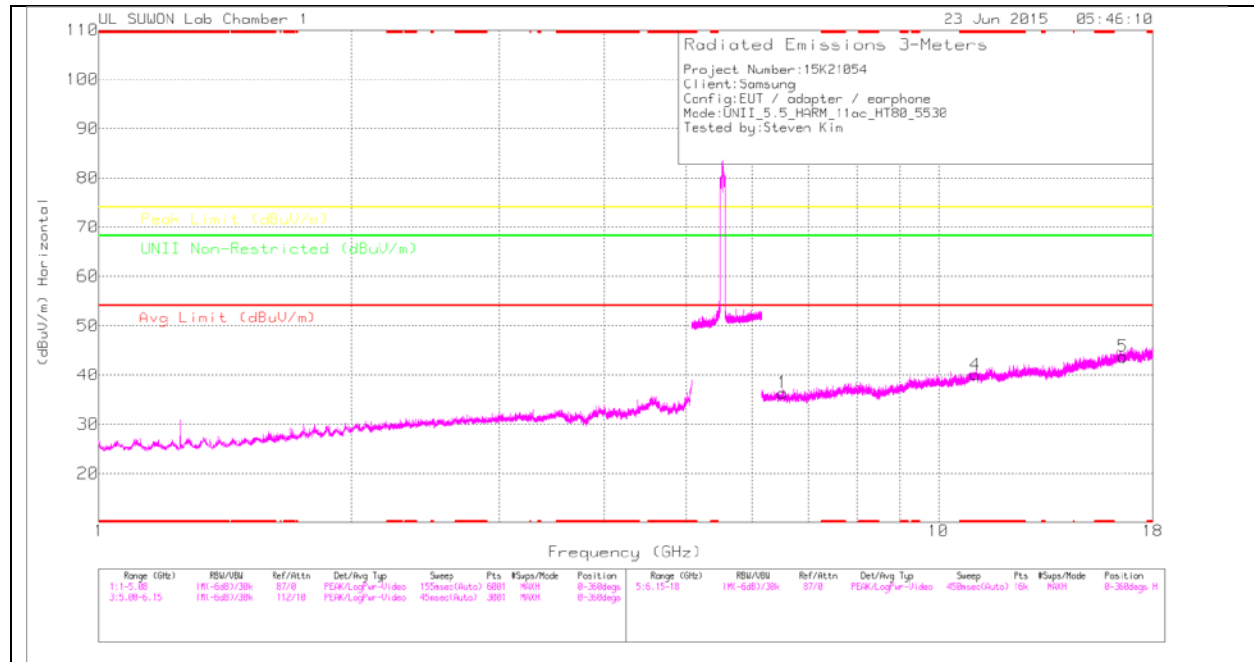
* - indicates frequency in CFR15.205/IC7.2.2 Restricted Band

PK - Peak detector

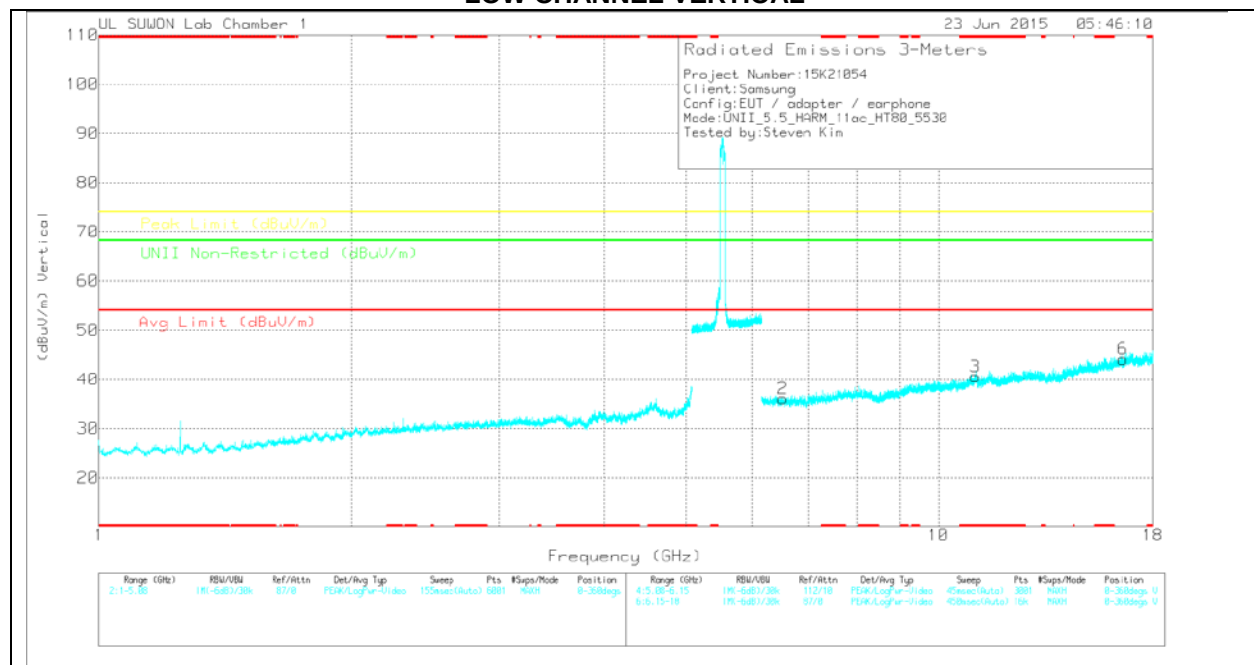
RMS - RMS detection

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

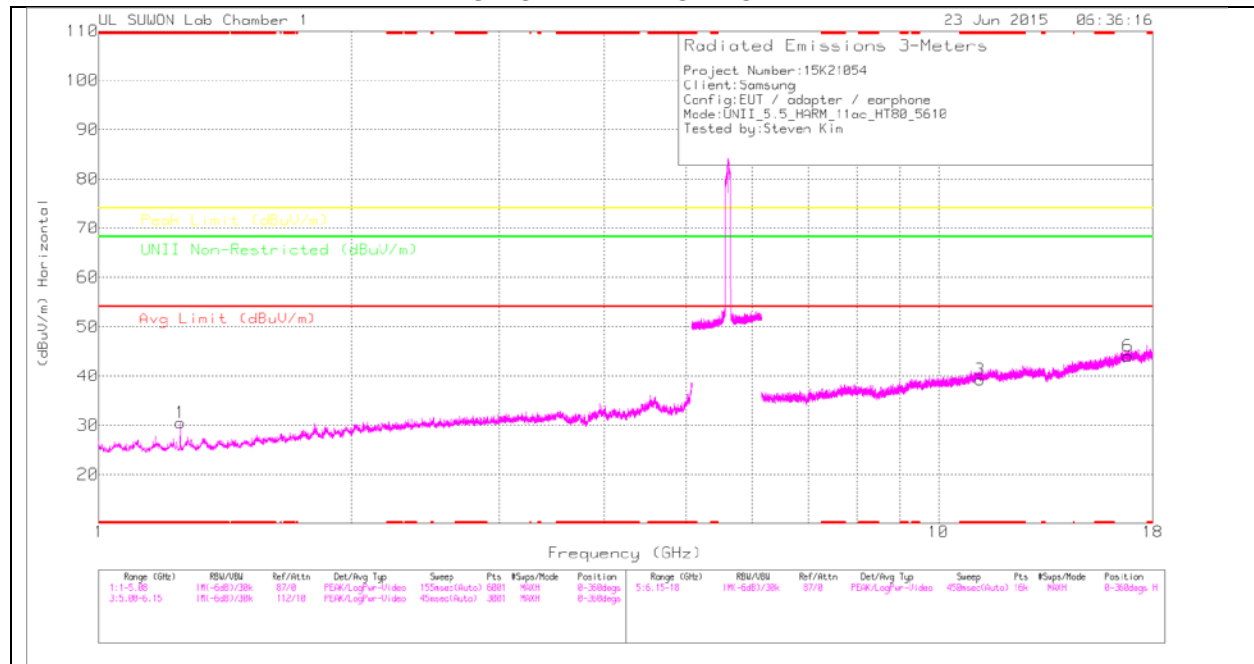
TRACE MARKERS

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	3117(0016 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	6.523	27.59	PK	35.4	-26.6	0	36.39	-	-	-	-	68.2	-31.81	0-360	100	H
4	* 11.056	22.67	PK	38.2	-20.8	0	40.07	-	-	74	-33.93	-	-	0-360	200	H
5	16.591	19.91	PK	41.2	-17.4	0	43.71	-	-	-	-	68.2	-24.49	0-360	100	H
2	6.523	27.3	PK	35.4	-26.6	0	36.1	-	-	-	-	68.2	-32.1	0-360	200	V
3	* 11.062	23.19	PK	38.2	-20.8	0	40.59	-	-	74	-33.41	-	-	0-360	200	V
6	16.59	20.2	PK	41.2	-17.3	0	44.1	-	-	-	-	68.2	-24.1	0-360	100	V

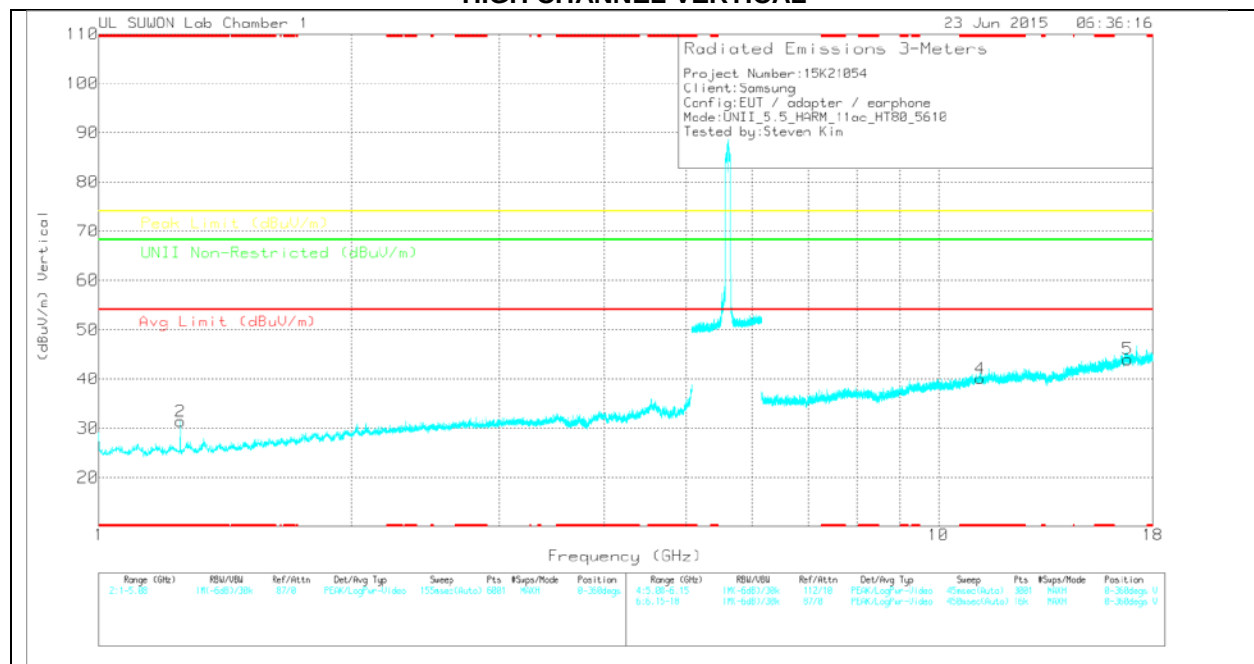
* - indicates frequency in CFR15.205/IC7.2.2 Restricted Band

PK – Peak detector

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
1	* 1.25	36.32	PK	28.3	-34.1	0	30.52	-	-	74	-43.48	-	-	0-360	200	H
2	* 1.25	37.15	PK	28.3	-34.1	0	31.35	-	-	74	-42.65	-	-	0-360	200	V
3	* 11.22	21.63	PK	38.4	-20.8	0	39.23	-	-	74	-34.77	-	-	0-360	100	H
6	16.831	19.59	PK	41.3	-16.9	0	43.99	-	-	-	-	68.2	-24.21	0-360	100	H
4	* 11.219	22.45	PK	38.4	-20.8	0	40.05	-	-	74	-33.95	-	-	0-360	100	V
5	16.829	19.57	PK	41.3	-16.9	0	43.97	-	-	-	-	68.2	-24.23	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 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
* 1.25	44.11	PK1	28.3	-34.1	0	38.31	-	-	74	-35.69	-	-	64	157	H
* 1.25	35.21	AD1	28.3	-34.1	0	29.41	54	-24.59	-	-	-	-	64	157	H
* 1.25	45.06	PK1	28.3	-34.1	0	39.26	-	-	74	-34.74	-	-	53	323	V
* 1.25	36.93	AD1	28.3	-34.1	0	31.13	54	-22.87	-	-	-	-	53	323	V

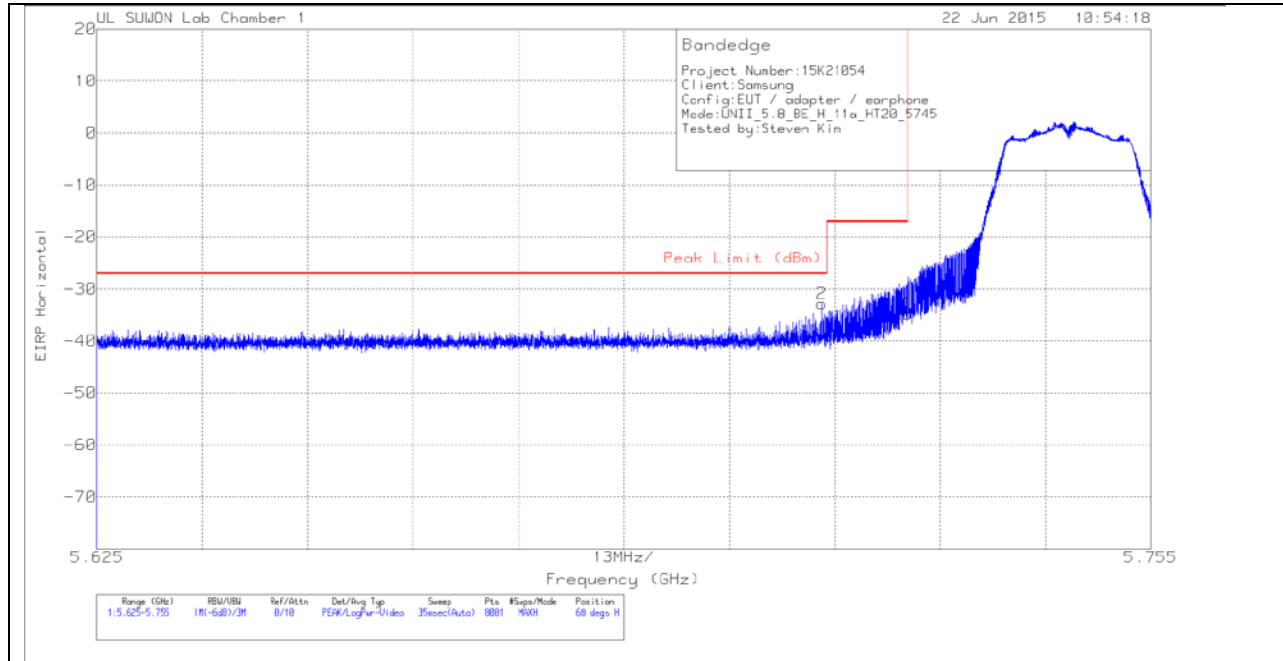
* - indicates frequency in CFR15.205/IC7.2.2 Restricted Band

PK1 - KDB789033 Method: Peak

AD1 - KDB789033 Method: AD Primary Power Average

11.4. 5.8 GHz

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



HORIZONTAL DATA

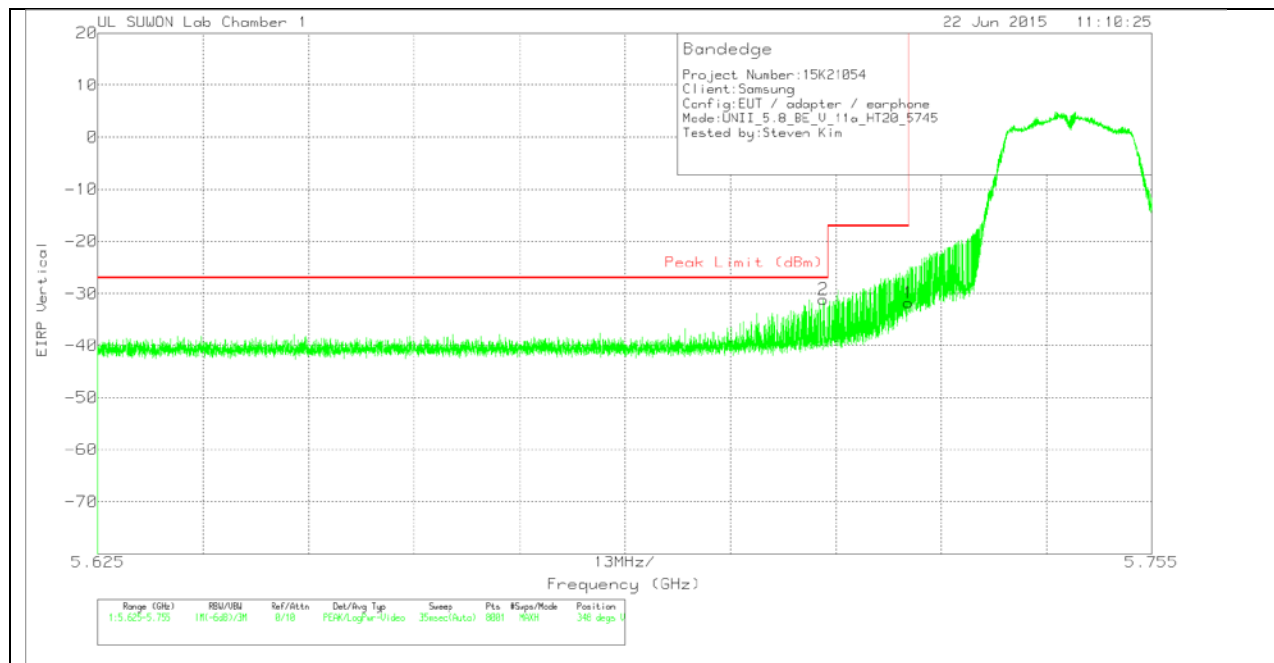
Marker	Frequency (GHz)	Meter Reading (dBm)	Det	3117(0016 8717)_150 619	Path_2_10 dB	Conversion Factor (dB)	DC Corr (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.725	-62.56	Pk	34.8	-18.8	11.8	0	-34.76	-17	-17.76	68	236	H
2	5.714	-60.62	Pk	34.8	-18.8	11.8	0	-32.82	-27	-5.82	68	236	H

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

PK - Peak detector

RMS - RMS detection

VERTICAL PEAK PLOT



VERTICAL DATA

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	-59.56	PK	34.8	-18.8	11.8	0	-31.76	-17	-14.76	348	281	V
2	5.714	-58.95	PK	34.8	-18.8	11.8	0	-31.15	-27	-4.15	348	281	V

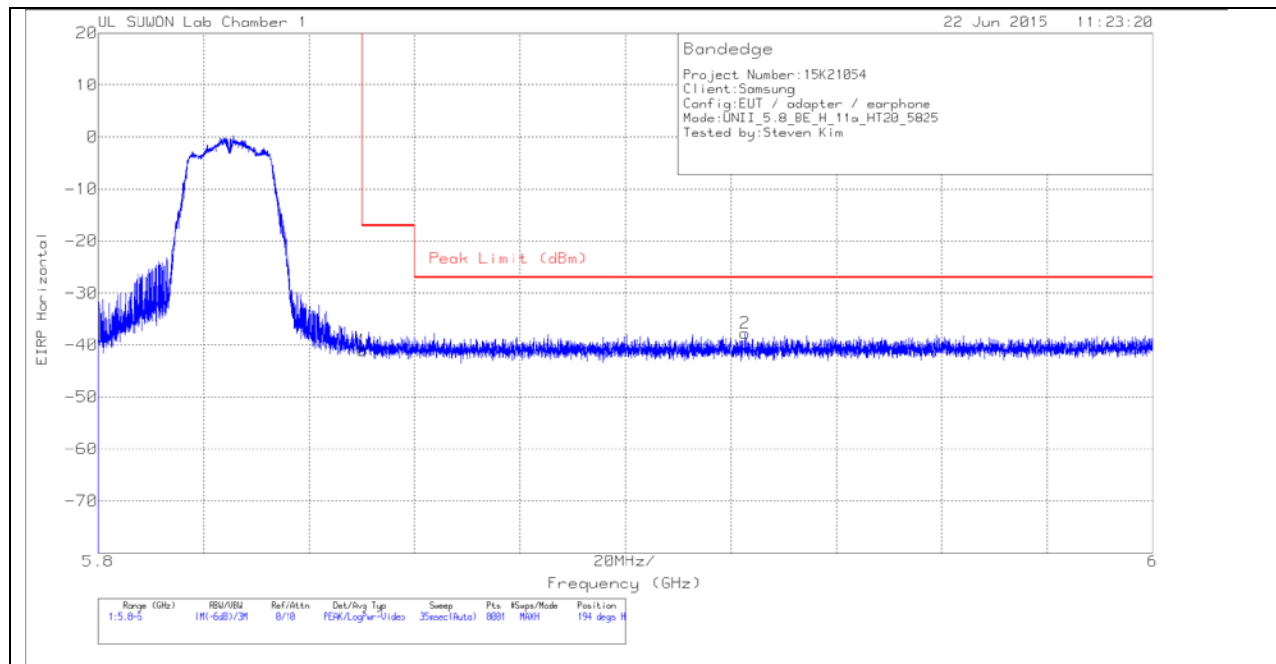
* - indicates frequency in CFR15.205/IC7.2.2 Restricted Band

PK - Peak detector

RMS - RMS detection

AUTHORIZED BANDEDGE (HIGH CHANNEL)

HORIZONTAL PEAK PLOT



HORIZONTAL DATA

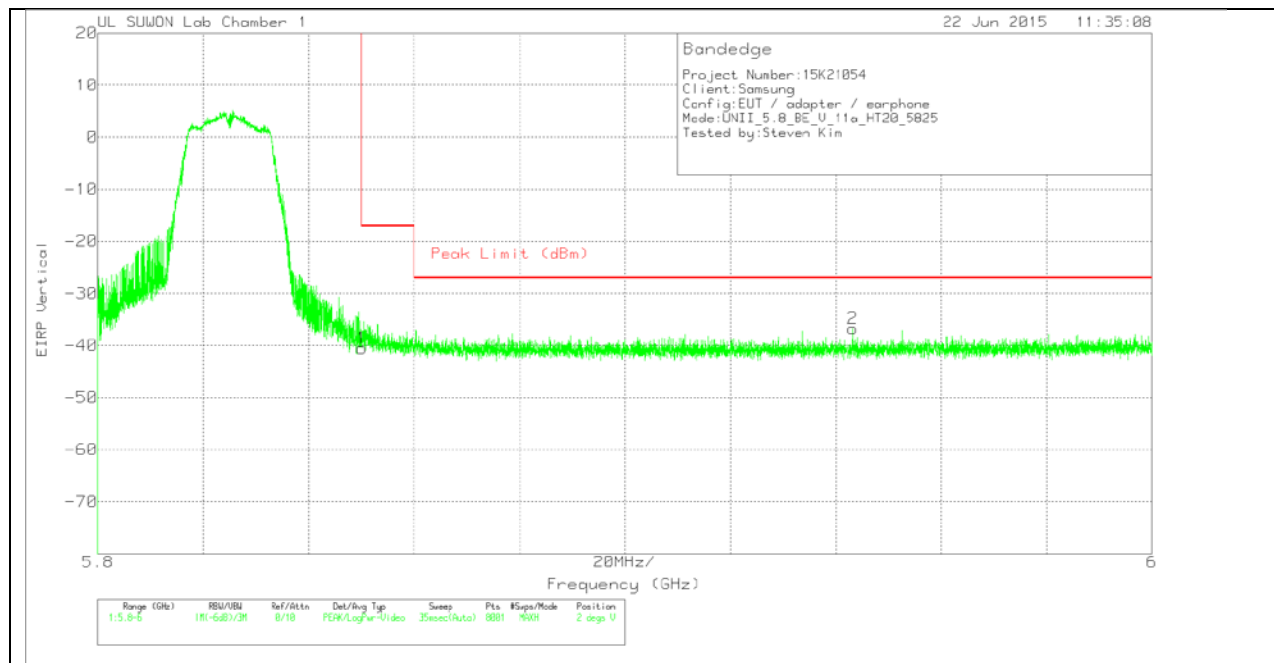
Marker	Frequency (GHz)	Meter Reading (dBm)	Det	3117(0016 8717)_150 619	Path_2_10 dB	Conversion Factor (dB)	DC Corr (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.85	-68.81	Pk	34.9	-18.9	11.8	0	-41.01	-17	-24.01	194	254	H
2	5.923	-65.61	Pk	34.9	-18.8	11.8	0	-37.71	-27	-10.71	194	254	H

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

PK - Peak detector

RMS - RMS detection

VERTICAL PEAK PLOT



VERTICAL DATA

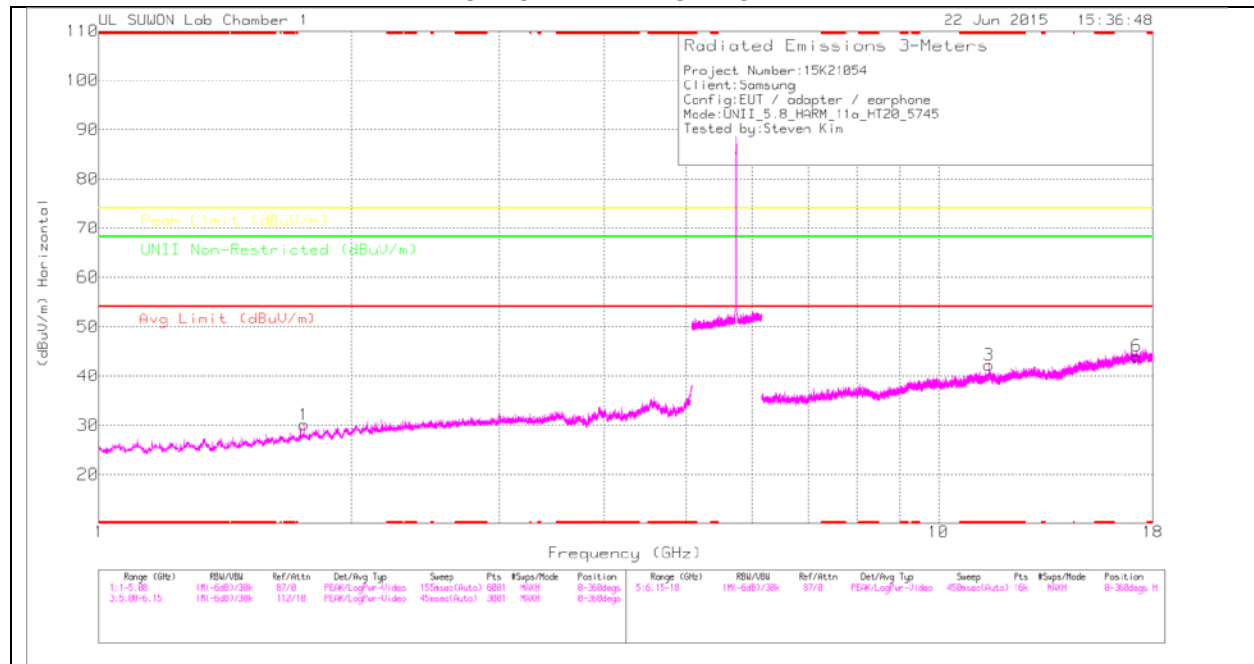
Marker	Frequency (GHz)	Meter Reading (dBm)	Det	3117(0016 8717)_150 619	Path_2_10 dB	Conversion Factor (dB)	DC Corr (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.85	-68.33	Pk	34.9	-18.9	11.8	0	-40.53	-17	-23.53	2	254	V
2	5.943	-64.74	Pk	34.9	-18.7	11.8	0	-36.74	-27	-9.74	2	254	V

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

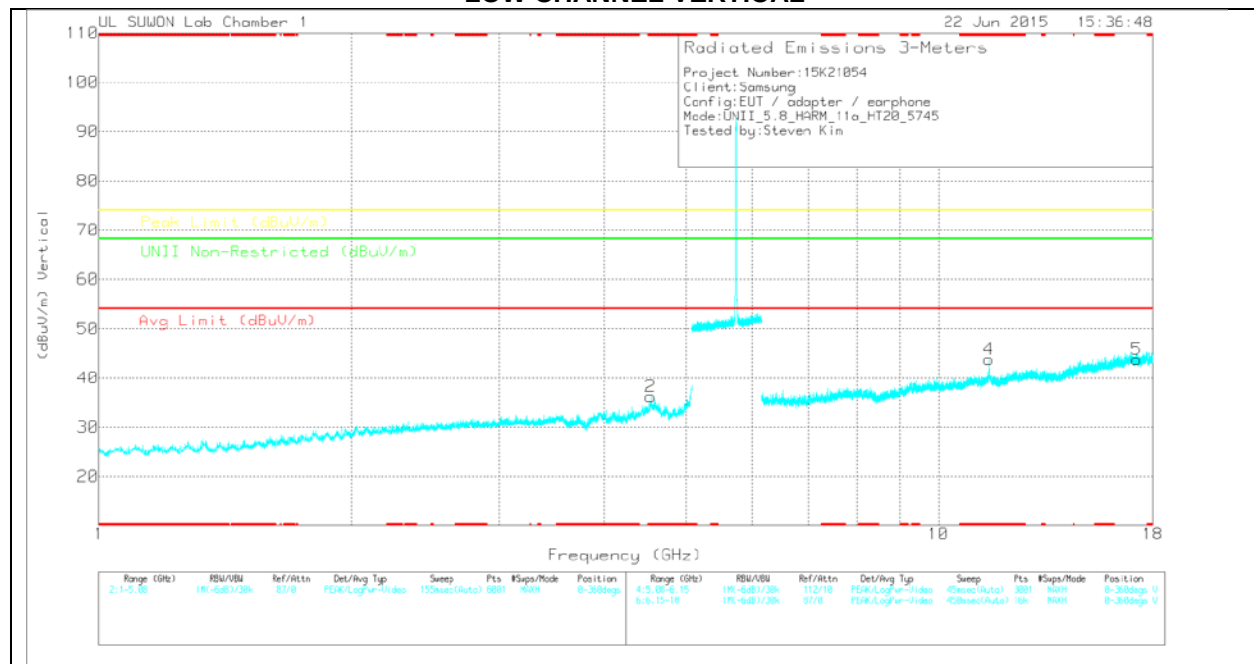
PK - Peak detector

RMS - RMS detection

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	1.753	33.02	PK	29.9	-32.8	0	30.12	-	-	-	-	68.2	-38.08	0-360	100	H
2	* 4.539	30.42	PK	33.9	-28.1	0	36.22	-	-	74	-37.78	-	-	0-360	200	V
3	* 11.487	24.35	PK	38.6	-20.7	0	42.25	-	-	74	-31.75	-	-	0-360	200	H
6	17.235	18.36	PK	41.2	-15.6	0	43.96	-	-	-	-	68.2	-24.24	0-360	100	H
4	* 11.486	25.86	PK	38.6	-20.7	0	43.76	-	-	74	-30.24	-	-	0-360	200	V
5	17.235	18.15	PK	41.2	-15.6	0	43.75	-	-	-	-	68.2	-24.45	0-360	200	V

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

PK – Peak Dteector

Radiated Emissions

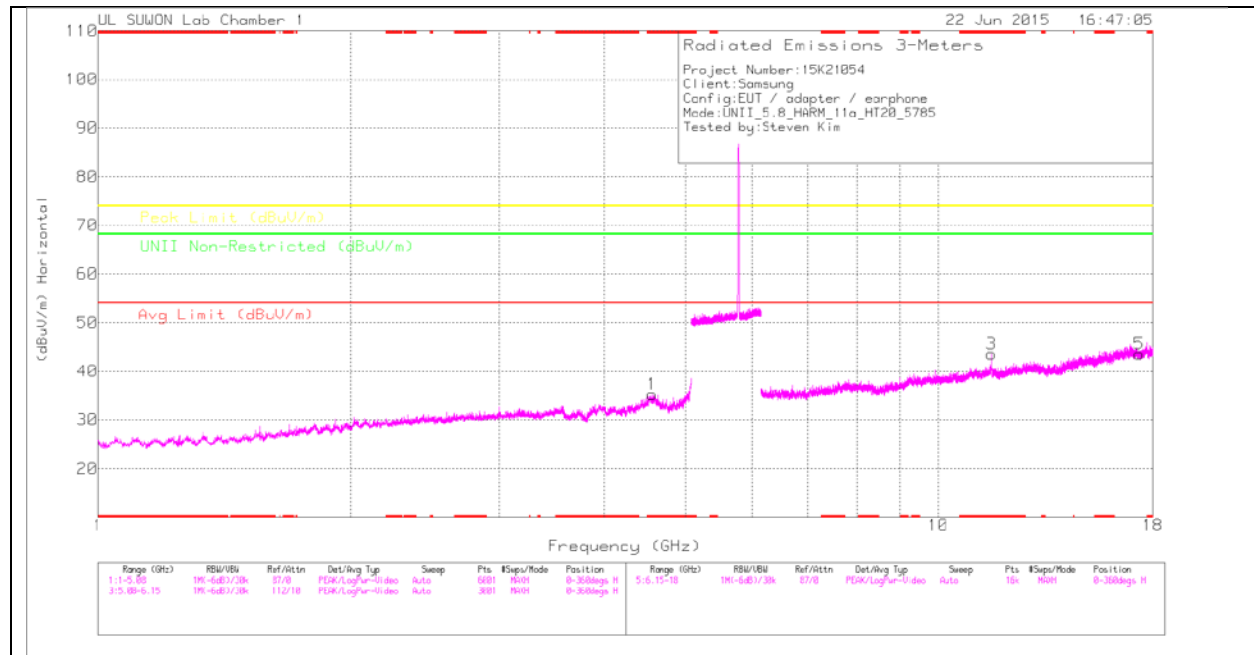
Frequency (GHz)	Meter Reading (dBuV)	Det	3117(001687 17)_150619	Path_4_5GLP	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	UNII Non-Restricted (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1.754	42.29	PK1	29.9	-32.8	0	39.39	-	-	-	-	68.2	-28.81	154	292	H
1.753	29.49	AD1	29.9	-32.8	0	26.59	-	-	-	-	-	-	154	292	H
* 4.537	39.62	PK1	33.9	-28.1	0	45.42	-	-	74	-28.58	-	-	36	207	V
* 4.538	26.72	AD1	33.9	-28.1	0	32.52	54	-21.48	-	-	-	-	36	207	V
* 11.486	22.94	AD1	38.6	-20.7	.3	41.14	54	-12.86	-	-	-	-	290	254	H
* 11.488	25.83	AD1	38.6	-20.7	.3	44.03	54	-9.97	-	-	-	-	347	133	V
* 11.489	35.98	PK1	38.6	-20.7	0	53.88	-	-	74	-20.12	-	-	290	254	H
* 11.488	38.39	PK1	38.6	-20.7	0	56.29	-	-	74	-17.71	-	-	347	133	V

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

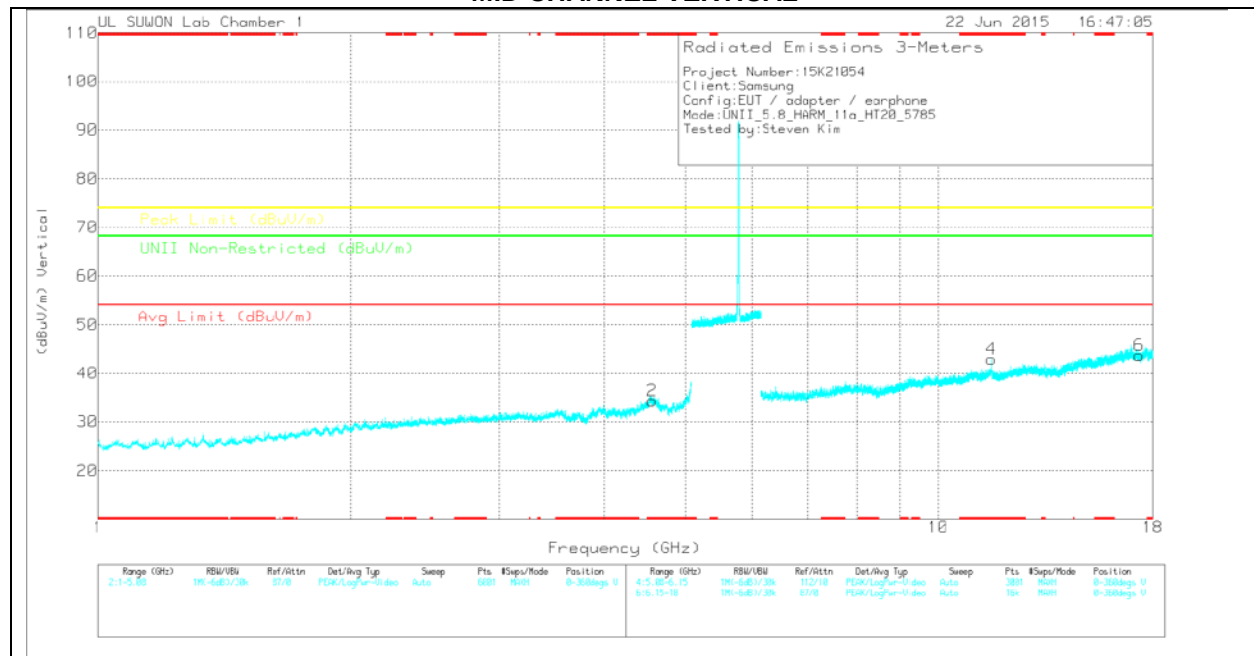
PK1 - KDB789033 Method: Peak

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	* 4.565	29.13	PK	33.9	-27.8	0	35.23	-	-	74	-38.77	-	-	0-360	200	H
2	* 4.565	28.27	PK	33.9	-27.8	0	34.37	-	-	74	-39.63	-	-	0-360	100	V
3	* 11.573	25.35	PK	38.7	-20.5	0	43.55	-	-	74	-30.45	-	-	0-360	100	H
5	17.356	18.1	PK	41.2	-15.7	0	43.6	-	-	-	-	68.2	-24.6	0-360	200	H
4	* 11.573	24.77	PK	38.7	-20.5	0	42.97	-	-	74	-31.03	-	-	0-360	200	V
6	17.355	18.19	PK	41.2	-15.7	0	43.69	-	-	-	-	68.2	-24.51	0-360	100	V

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

PK – Peak Detector

Radiated Emissions

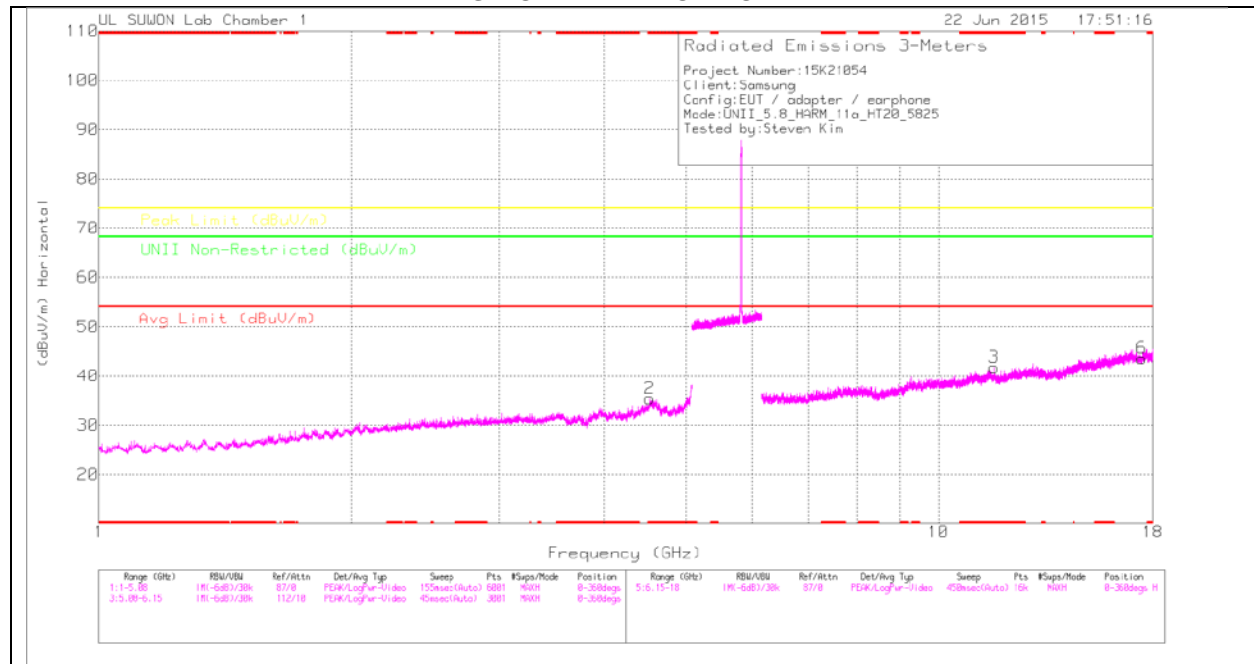
Frequency (GHz)	Meter Reading (dBuV)	Det	3117(001687 17)_150619	Path_5_6GH P	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	UNII Non-Restricted (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
* 11.572	34.71	PK1	38.7	-20.5	0	52.91	-	-	74	-21.09	-	-	58	242	H
* 11.572	21.57	AD1	38.7	-20.5	.3	40.07	54	-13.93	-	-	-	-	58	242	H
* 11.573	36.79	PK1	38.7	-20.5	0	54.99	-	-	74	-19.01	-	-	266	259	V
* 11.572	22.83	AD1	38.7	-20.5	.3	41.33	54	-12.67	-	-	-	-	266	259	V

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

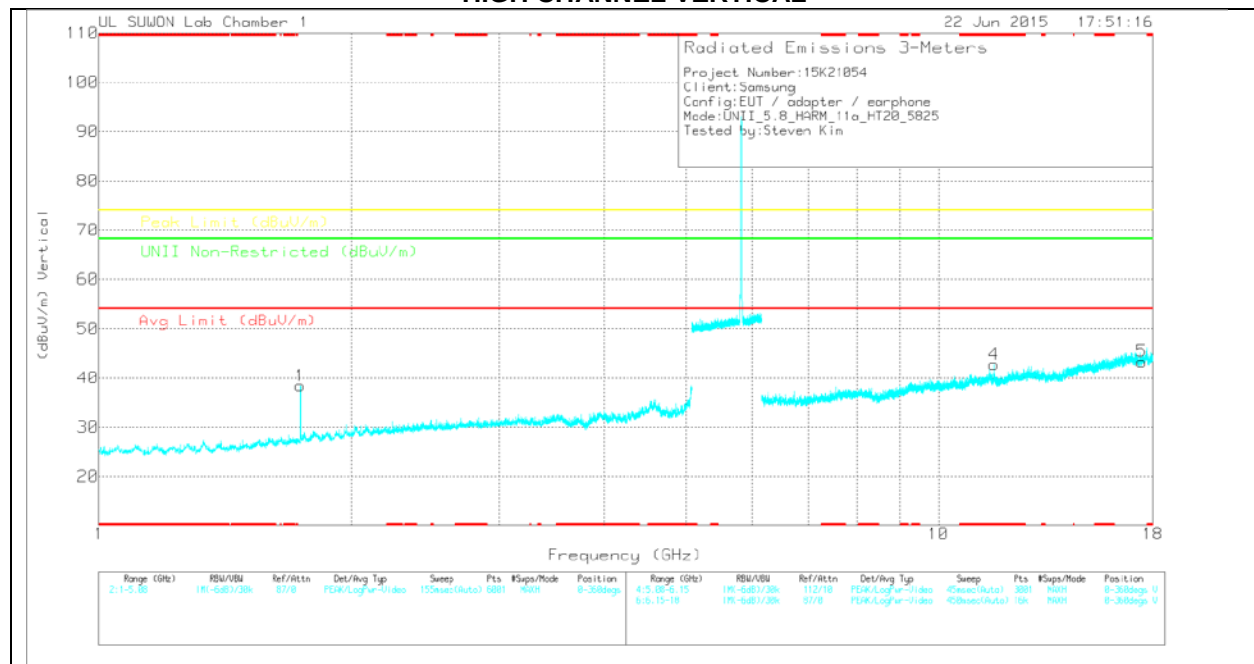
PK1 - KDB789033 Method: Peak

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	* 4.528	29.82	PK	33.9	-28.3	0	35.42	-	-	74	-38.58	-	-	0-360	200	H
1	1.736	41.59	PK	29.8	-33	0	38.39	-	-	-	-	68.2	-29.81	0-360	200	V
3	* 11.652	23.68	PK	38.7	-20.6	0	41.78	-	-	74	-32.22	-	-	0-360	200	H
6	17.476	17.98	PK	41.1	-15.5	0	43.58	-	-	-	-	68.2	-24.62	0-360	200	H
4	* 11.652	24.66	PK	38.7	-20.6	0	42.76	-	-	74	-31.24	-	-	0-360	100	V
5	17.476	17.72	PK	41.1	-15.5	0	43.32	-	-	-	-	68.2	-24.88	0-360	200	V

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

PK – Peak Detector

Radiated Emissions

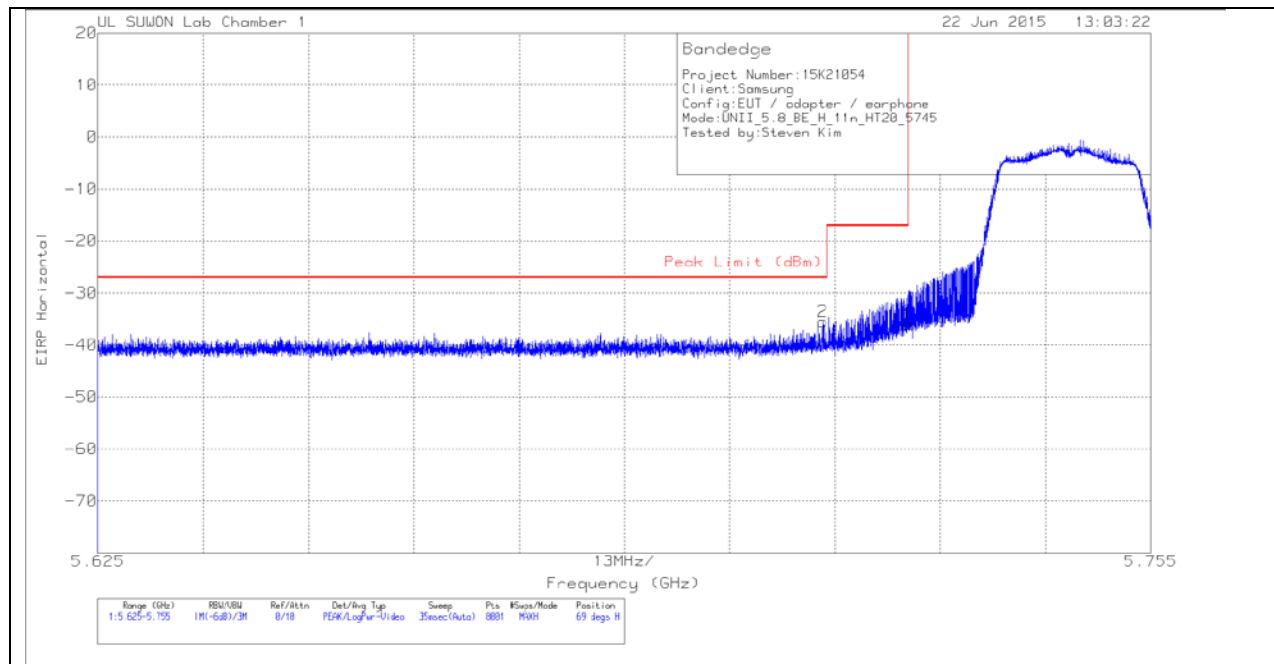
Frequency (GHz)	Meter Reading (dBuV)	Det	3117/001687 17_150619	Path_4_5GLP	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	UNII Non-Restricted (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1.738	42.01	PK1	29.8	-33	0	38.81	-	-	-	-	68.2	-29.39	285	212	V
1.737	29.39	AD1	29.8	-33	0	26.19	-	-	-	-	-	-	285	212	V
* 11.65	23.71	AD1	38.7	-20.6	0	41.81	54	-12.19	-	-	-	-	54	218	H
* 11.651	20.26	AD1	38.7	-20.6	0	38.36	54	-15.64	-	-	-	-	52	400	V
* 11.653	36.13	PK1	38.7	-20.6	0	54.23	-	-	74	-19.77	-	-	54	218	H
* 11.642	32.47	PK1	38.7	-20.6	0	50.57	-	-	74	-23.43	-	-	52	400	V

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

PK1 - KDB789033 Method: Peak

AD1 - KDB789033 Method: AD Primary Power Average

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



HORIZONTAL DATA

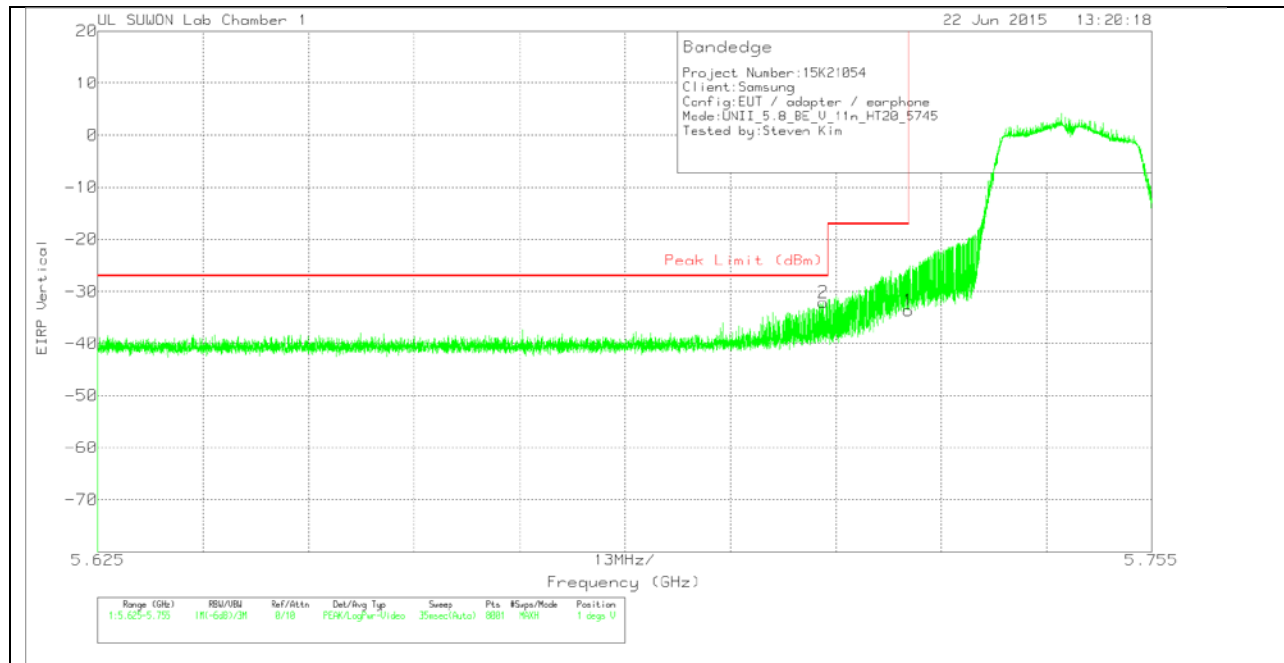
Marker	Frequency (GHz)	Meter Reading (dBm)	Det	3117(0016 8717)_150 619	Path_2_10 dB	Conversion Factor (dB)	DC Corr (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.725	-63.85	PK	34.8	-18.8	11.8	0	-36.05	-17	-19.05	69	285	H
2	5.714	-63.32	PK	34.8	-18.8	11.8	0	-35.52	-27	-8.52	69	285	H

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

PK - Peak detector

RMS - RMS detection

VERTICAL PEAK PLOT



VERTICAL DATA

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	-61.45	PK	34.8	-18.8	11.8	0	-33.65	-17	-16.65	1	311	V
2	5.714	-59.9	PK	34.8	-18.8	11.8	0	-32.1	-27	-5.1	1	311	V

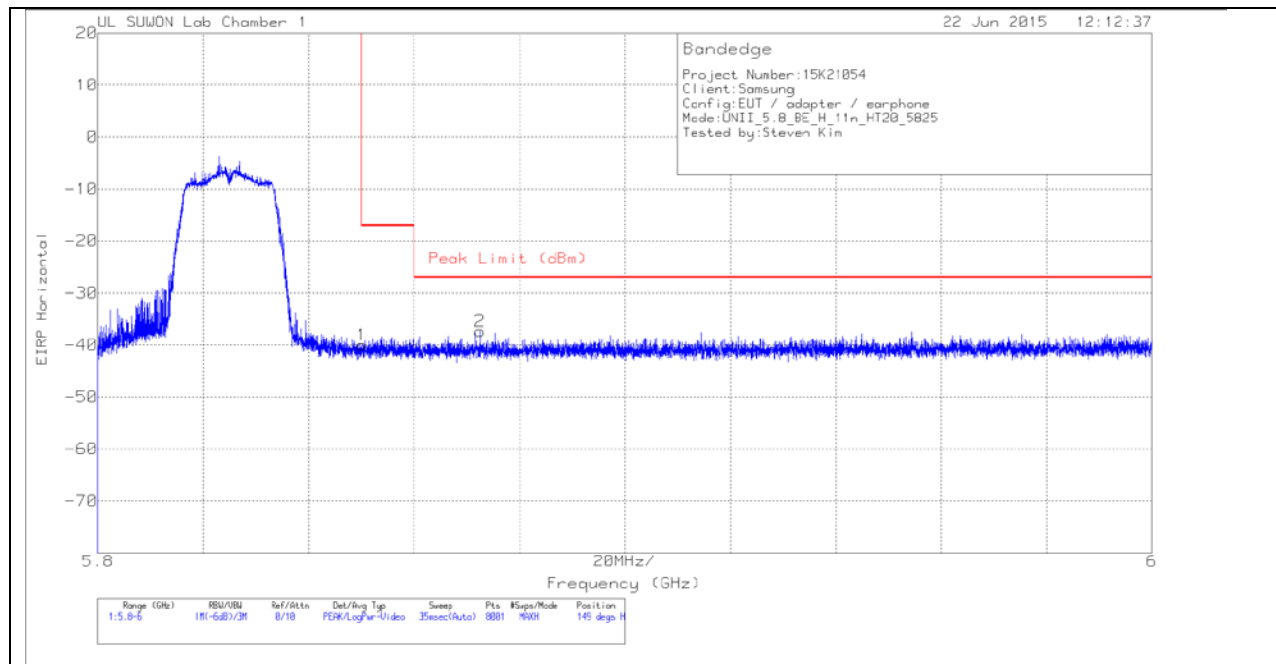
* - indicates frequency in CFR15.205/IC7.2.2 Restricted Band

PK - Peak detector

RMS - RMS detection

AUTHORIZED BANDEDGE (HIGH CHANNEL)

HORIZONTAL PEAK AND AVERAGE PLOT



HORIZONTAL DATA

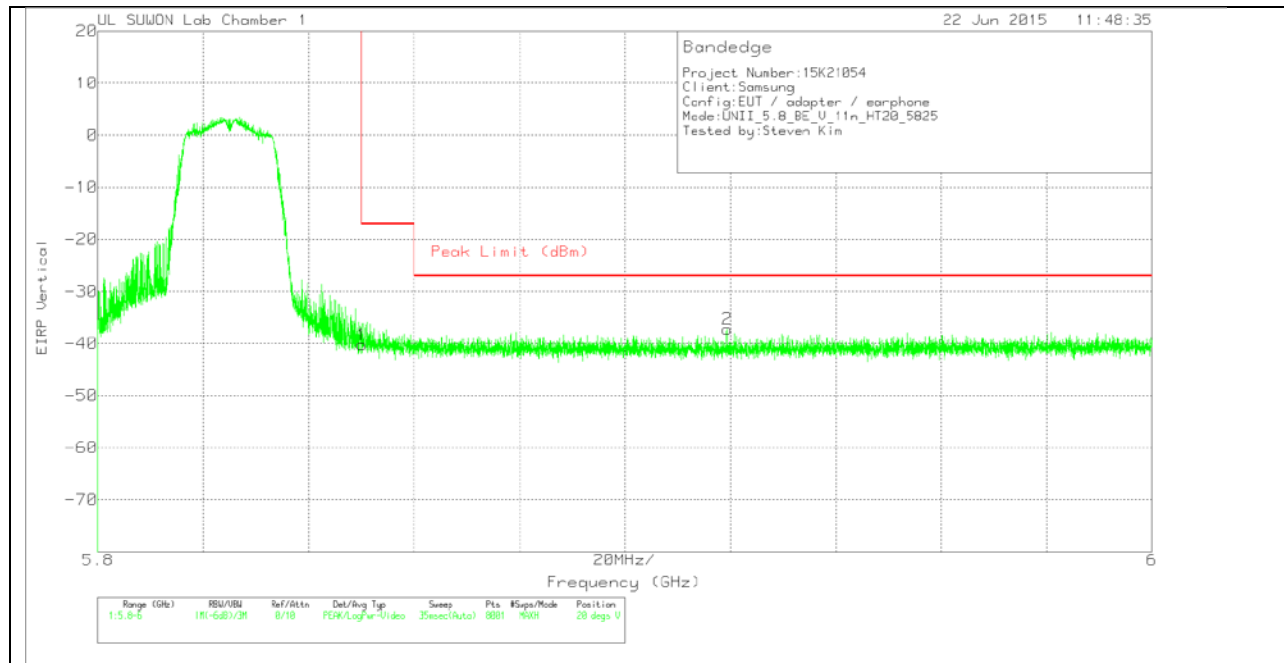
Marker	Frequency (GHz)	Meter Reading (dBm)	Det	3117(0016 8717)_150 619	Path_2_10 dB	Conversion Factor (dB)	DC Corr (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.85	-67.79	Pk	34.9	-18.9	11.8	0	-39.99	-17	-22.99	149	266	H
2	5.872	-65.17	Pk	34.9	-18.9	11.8	0	-37.37	-27	-10.37	149	266	H

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

PK - Peak detector

RMS - RMS detection

VERTICAL PEAK PLOT



VERTICAL DATA

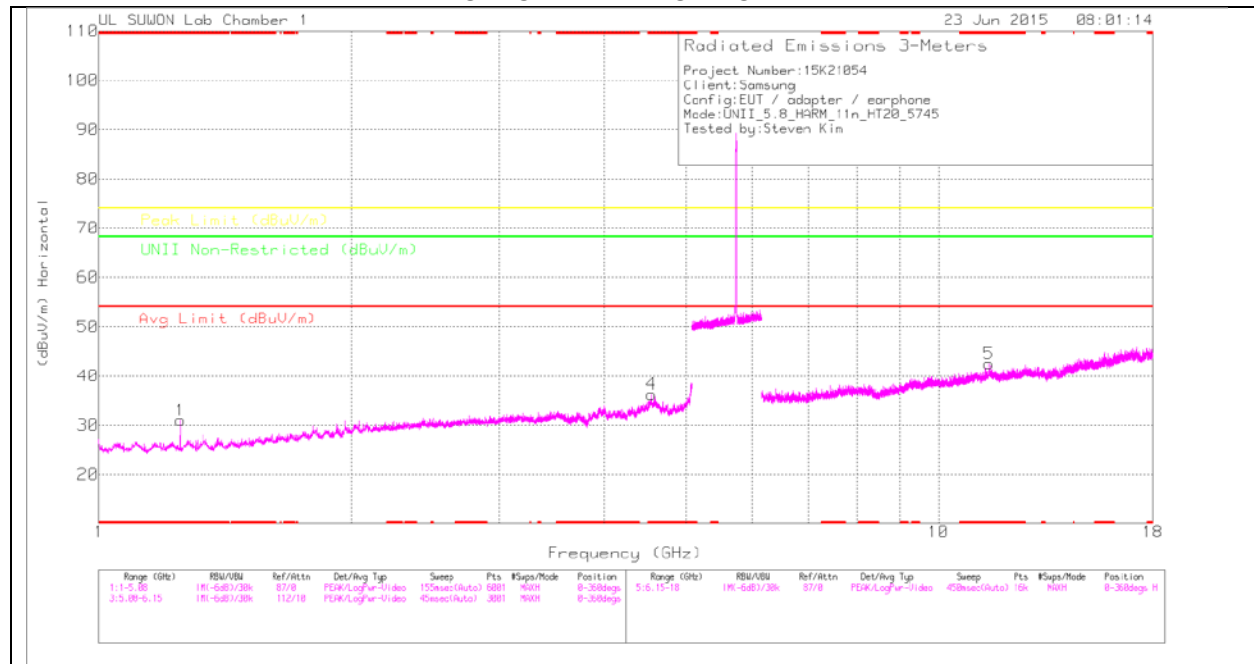
Marker	Frequency (GHz)	Meter Reading (dBm)	Det	3117(0016 8717)_150 619	Path_2_10 dB	Conversion Factor (dB)	DC Corr (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.85	-68.05	PK	34.9	-18.9	11.8	0	-40.25	-17	-23.25	20	279	V
2	5.919	-65.14	PK	34.9	-18.8	11.8	0	-37.24	-27	-10.24	20	279	V

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

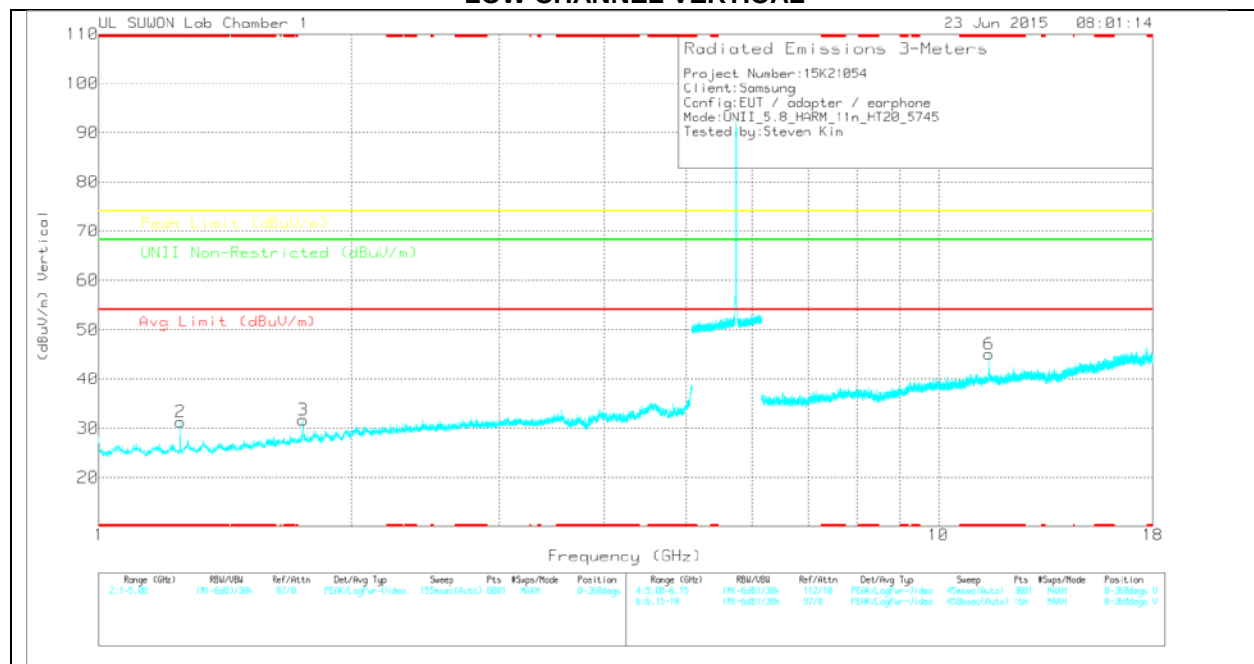
PK - Peak detector

RMS - RMS detection

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	* 1.25	36.81	PK	28.3	-34.1	0	31.01	-	-	74	-42.99	-	-	0-360	200	H
4	* 4.552	30.18	PK	33.9	-27.8	0	36.28	-	-	74	-37.72	-	-	0-360	200	H
2	* 1.25	37.1	PK	28.3	-34.1	0	31.3	-	-	74	-42.7	-	-	0-360	200	V
3	1.749	34.68	PK	29.8	-32.8	0	31.68	-	-	-	-	68.2	-36.52	0-360	100	V
5	* 11.49	24.59	PK	38.6	-20.7	0	42.49	-	-	74	-31.51	-	-	0-360	200	H
6	* 11.492	27.15	PK	38.6	-20.7	0	45.05	-	-	74	-28.95	-	-	0-360	100	V

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

PK – Peak Detector

Radiated Emissions

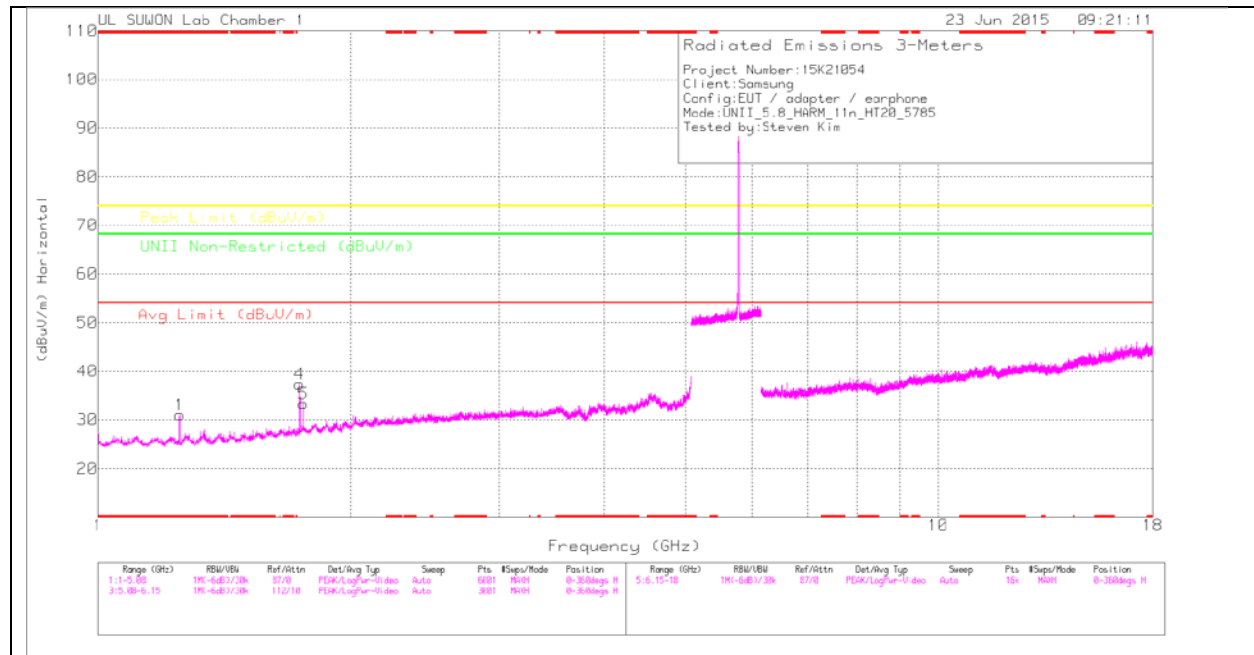
Frequency (GHz)	Meter Reading (dBuV)	Det	3117(001687 17)_150619	Path_4_5GLP	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	UNII Non-Restricted (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
* 1.25	44.2	PK1	28.3	-34.1	0	38.4	-	-	74	-35.6	-	-	15	218	H
* 1.25	35.29	AD1	28.3	-34.1	0	29.49	54	-24.51	-	-	-	-	15	218	H
* 4.55	39.47	PK1	33.9	-27.8	0	45.57	-	-	74	-28.43	-	-	8	175	H
* 4.55	26.38	AD1	33.9	-27.8	0	32.48	54	-21.52	-	-	-	-	8	175	H
* 1.25	44.96	PK1	28.3	-34.1	0	39.16	-	-	74	-34.84	-	-	54	306	V
* 1.25	36.26	AD1	28.3	-34.1	0	30.46	54	-23.54	-	-	-	-	54	306	V
1.748	41.96	PK1	29.8	-32.8	0	38.96	-	-	-	-	68.2	-29.24	300	285	V
1.75	29.06	AD1	29.9	-32.8	0	26.16	-	-	-	-	-	-	300	285	V
* 11.492	19.76	AD1	38.6	-20.7	.32	37.98	54	-16.02	-	-	-	-	300	200	H
* 11.491	24.85	AD1	38.6	-20.7	.32	43.07	54	-10.93	-	-	-	-	182	100	V
* 11.491	32.69	PK1	38.6	-20.7	0	50.59	-	-	74	-23.41	-	-	300	200	H
* 11.493	38.2	PK1	38.6	-20.7	0	56.1	-	-	74	-17.9	-	-	182	100	V

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

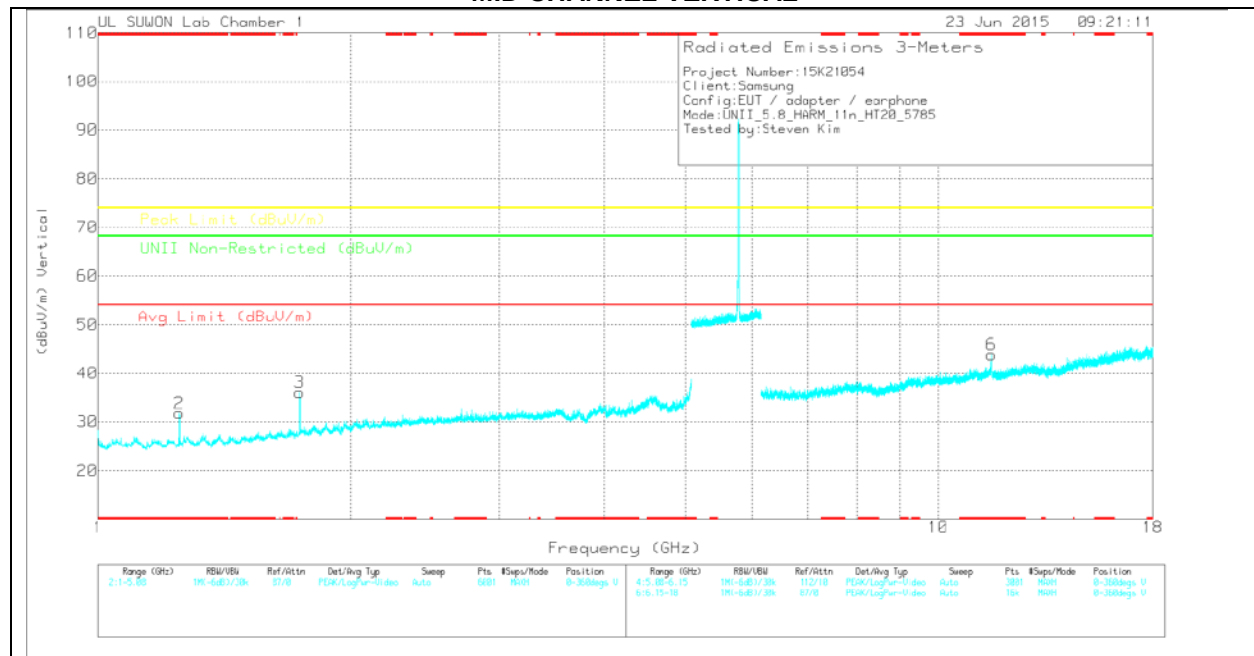
PK1 - KDB789033 Method: Peak

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	36.77	PK	28.3	-34.1	0	30.97	-	-	74	-43.03	-	-	0-360	200	H
4	1.736	40.51	PK	29.8	-33	0	37.31	-	-	-	-	68.2	-30.89	0-360	200	H
5	1.753	36.28	PK	29.9	-32.8	0	33.38	-	-	-	-	68.2	-34.82	0-360	200	H
2	* 1.25	37.59	PK	28.3	-34.1	0	31.79	-	-	74	-42.21	-	-	0-360	200	V
3	1.736	39.22	PK	29.8	-33	0	36.02	-	-	-	-	68.2	-32.18	0-360	200	V
6	* 11.57	25.61	PK	38.7	-20.5	0	43.81	-	-	74	-30.19	-	-	0-360	100	V

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

PK – Peak Detector

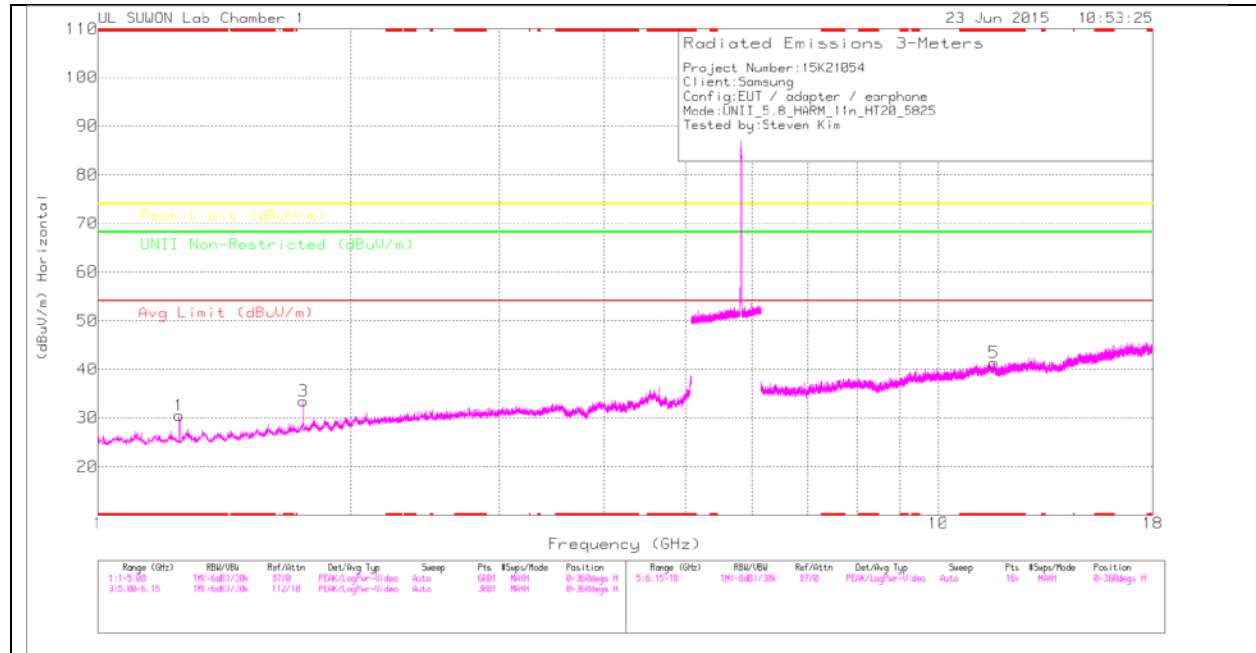
Radiated Emissions

Frequency (GHz)	Meter Reading (dBuV)	Det	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
* 1.25	44.42	PK1	28.3	-34.1	0	38.62	-	-	74	-35.38	-	-	209	354	H
* 1.25	36.13	AD1	28.3	-34.1	0	30.33	54	-23.67	-	-	-	-	209	354	H
1.737	41.72	PK1	29.8	-33	0	38.52	-	-	-	-	68.2	-29.68	52	261	H
1.738	29.49	AD1	29.8	-33	0	26.29	-	-	-	-	-	-	52	261	H
1.755	41.73	PK1	29.9	-32.8	0	38.83	-	-	-	-	68.2	-29.37	314	154	H
1.753	29.56	AD1	29.9	-32.8	0	26.66	-	-	-	-	-	-	314	154	H
* 1.25	42.93	PK1	28.3	-34.1	0	37.13	-	-	74	-36.87	-	-	136	176	V
* 1.25	33.9	AD1	28.3	-34.1	0	28.1	54	-25.9	-	-	-	-	136	176	V
1.736	41.64	PK1	29.8	-33	0	38.44	-	-	-	-	68.2	-29.76	132	190	V
1.738	30.13	AD1	29.8	-33	0	26.93	-	-	-	-	-	-	132	190	V
* 11.571	35.6	PK1	38.7	-20.5	0	53.8	-	-	74	-20.2	-	-	120	100	V

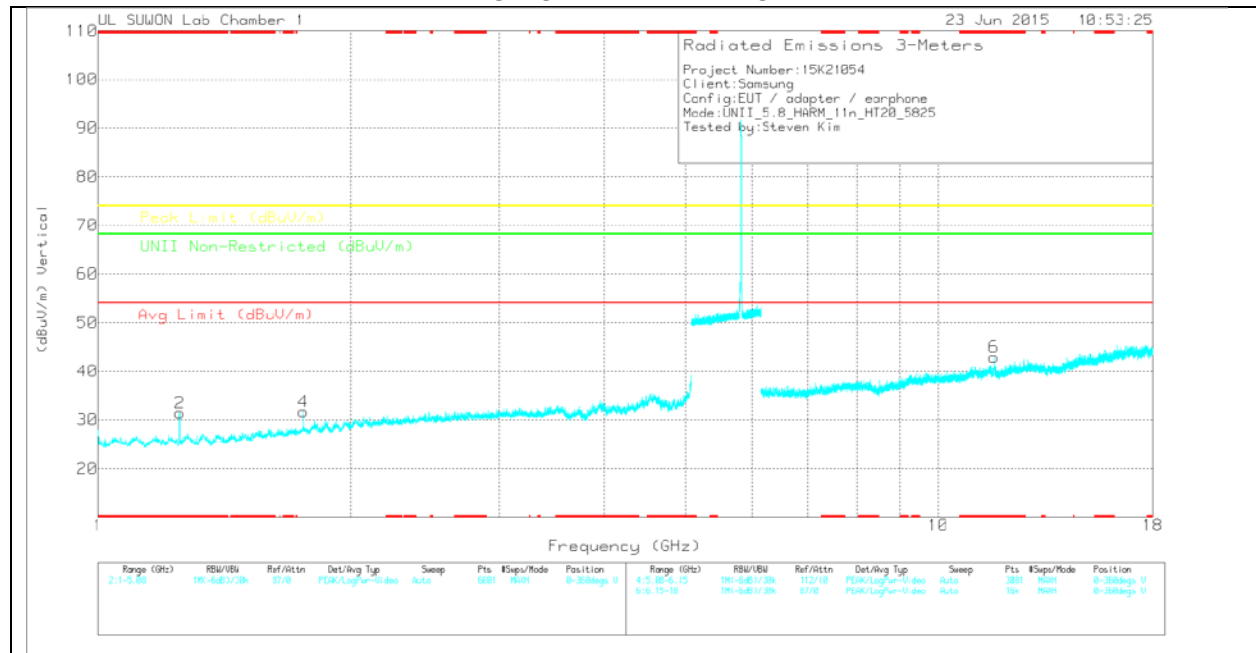
* - indicates frequency in CFR15.205/IC7.2.2 Restricted Band

PK1 - KDB789033 Method: Peak

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
1	* 1.25	36.27	PK	28.3	-34.1	0	30.47	-	-	74	-43.53	-	-	0-360	200	H
3	1.753	36.38	PK	29.9	-32.8	0	33.48	-	-	-	-	68.2	-34.72	0-360	200	H
2	* 1.25	37.22	PK	28.3	-34.1	0	31.42	-	-	74	-42.58	-	-	0-360	200	V
4	1.753	34.58	PK	29.9	-32.8	0	31.68	-	-	-	-	68.2	-36.52	0-360	100	V
5	* 11.649	23.22	PK	38.7	-20.6	0	41.32	-	-	74	-32.68	-	-	0-360	100	H
6	* 11.649	24.87	PK	38.7	-20.6	0	42.97	-	-	74	-31.03	-	-	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	44.28	PK1	28.3	-34.1	0	38.48	-	-	74	-35.52	-	-	317	356	H
* 1.25	35.68	AD1	28.3	-34.1	0	29.88	54	-24.12	-	-	-	-	317	356	H
1.752	42.09	PK1	29.9	-32.8	0	39.19	-	-	-	-	68.2	-29.01	264	296	H
1.752	29.85	AD1	29.9	-32.8	0	26.95	-	-	-	-	-	-	264	296	H
* 1.25	44.94	PK1	28.3	-34.1	0	39.14	-	-	74	-34.86	-	-	311	245	V
* 1.25	36.04	AD1	28.3	-34.1	0	30.24	54	-23.76	-	-	-	-	311	245	V
1.754	47.63	PK1	29.9	-32.8	0	44.73	-	-	-	-	68.2	-23.47	54	385	V
1.754	29.49	AD1	29.9	-32.8	0	26.59	-	-	-	-	-	-	54	385	V
* 11.651	21.34	AD1	38.7	-20.6	.32	39.76	54	-14.24	-	-	-	-	163	122	H
* 11.65	21.4	AD1	38.7	-20.6	.32	39.82	54	-14.18	-	-	-	-	75	148	V
* 11.65	35.19	PK1	38.7	-20.6	0	53.29	-	-	74	-20.71	-	-	163	122	H
* 11.65	33.33	PK1	38.7	-20.6	0	51.43	-	-	74	-22.57	-	-	75	148	V

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

PK1 - KDB789033 Method: Peak

AD1 - KDB789033 Method: AD Primary Power Average