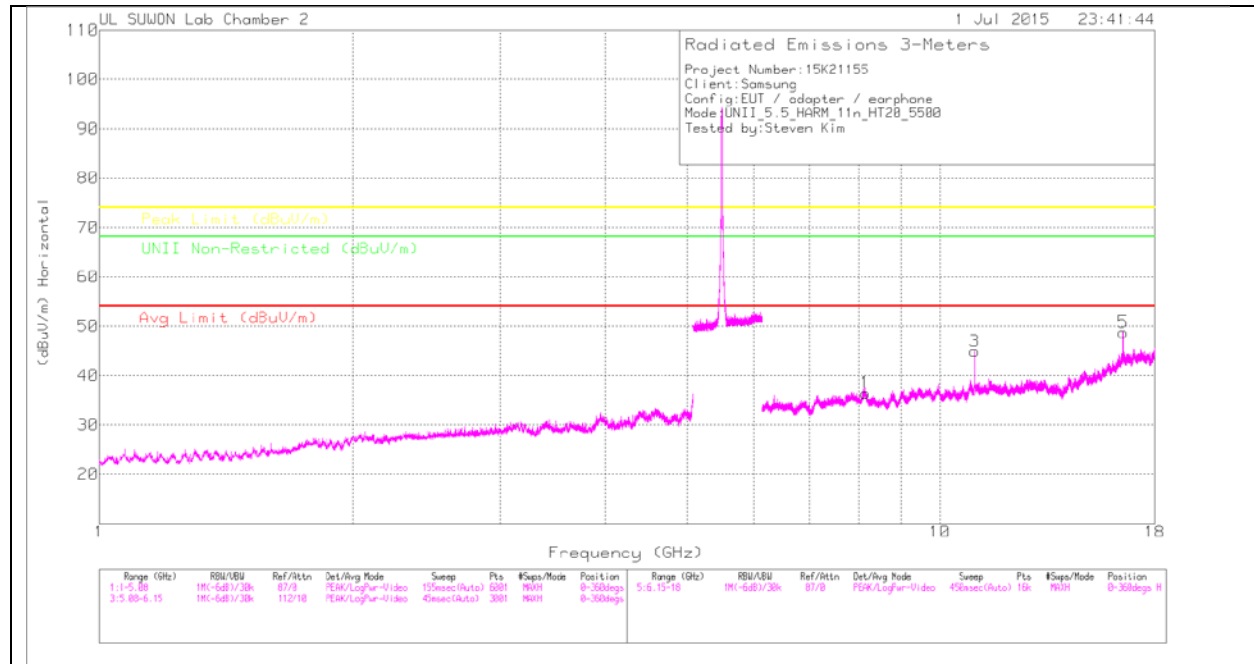
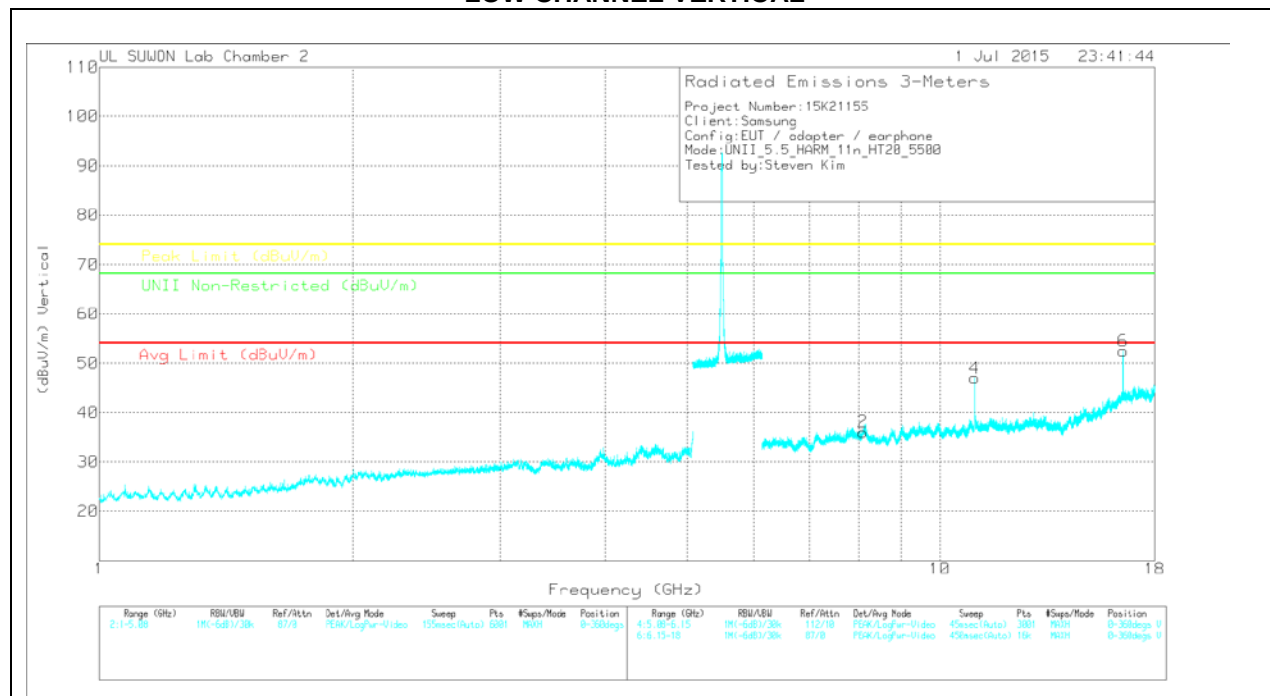


HARMONICS AND SPURIOUS EMISSIONS

LOW CHANNEL HORIZONTAL



LOW CHANNEL VERTICAL



Note: Emission was scanned up to 40GHz; No emissions were detected above the noise floor which was at least 20dB below the specification limit.

LOW CHANNEL DATA

TRACE MARKERS

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	3117/0016 8717_150 619	Path_5_6G HP	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	UNII Non-Restricted (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 8.151	23.37	PK	36.4	-23.3	0	36.47	-	-	74	-37.53	-	-	0-360	200	H
3	* 11	27.74	PK	38.2	-21	0	44.94	-	-	74	-29.06	-	-	0-360	200	H
5	16.503	25.38	PK	41.1	-17.7	0	48.78	-	-	-	-	68.2	-19.42	0-360	200	H
2	* 8.096	22.98	PK	36.4	-23.3	0	36.08	-	-	74	-37.92	-	-	0-360	200	V
4	* 11.001	29.79	PK	38.2	-21	0	46.99	-	-	74	-27.01	-	-	0-360	200	V
6	16.503	29.08	PK	41.1	-17.7	0	52.48	-	-	-	-	68.2	-15.72	0-360	200	V

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

PK - Peak Detector

Radiated Emissions

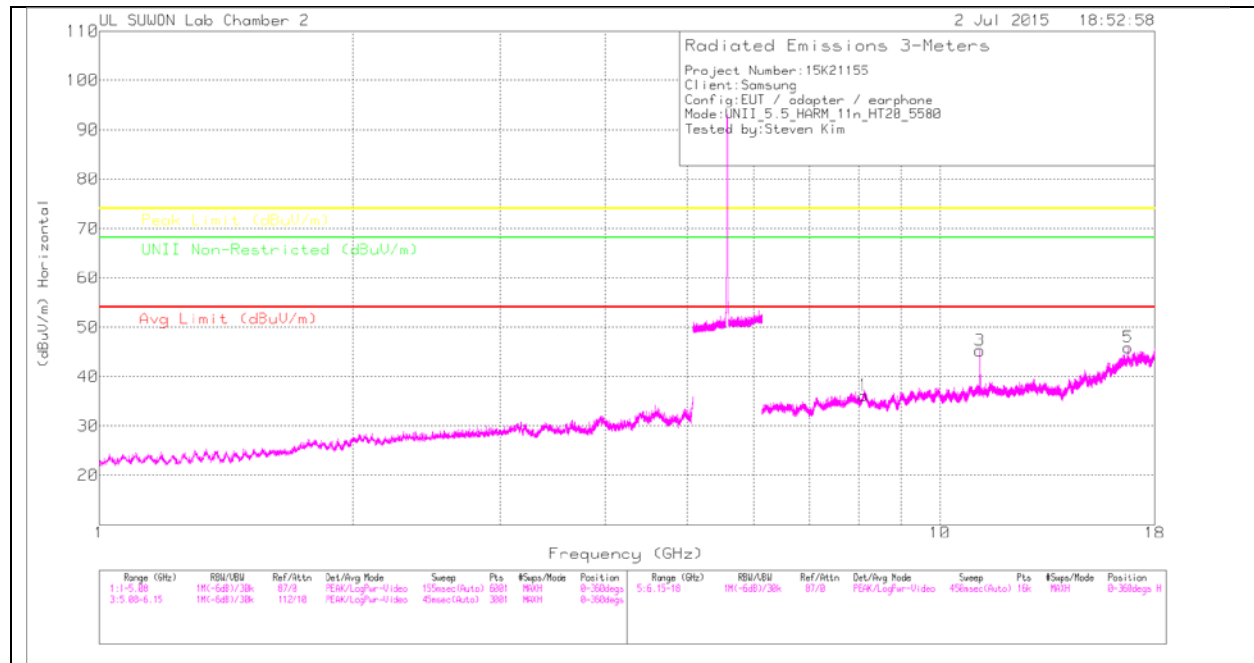
Frequency (GHz)	Meter Reading (dBuV)	Det	3117/001687 17_150619	Path_5_6GH P	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	UNII Non-Restricted (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
* 11	37.06	PK-U	38.2	-21	0	54.26	-	-	74	-19.74	-	-	306	125	H
* 11	28.95	ADR	38.2	-21	.32	46.47	54	-7.53	-	-	-	-	306	125	H
* 11	36.25	PK-U	38.2	-21	0	53.45	-	-	74	-20.55	-	-	265	198	V
* 11.001	26	ADR	38.2	-21	.32	43.52	54	-10.48	-	-	-	-	265	198	V
16.5	38.83	PK-U	41.1	-17.7	0	62.23	-	-	-	-	68.2	-5.97	172	184	H
16.498	40.45	PK-U	41.1	-17.7	0	63.85	-	-	-	-	68.2	-4.35	44	313	V

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

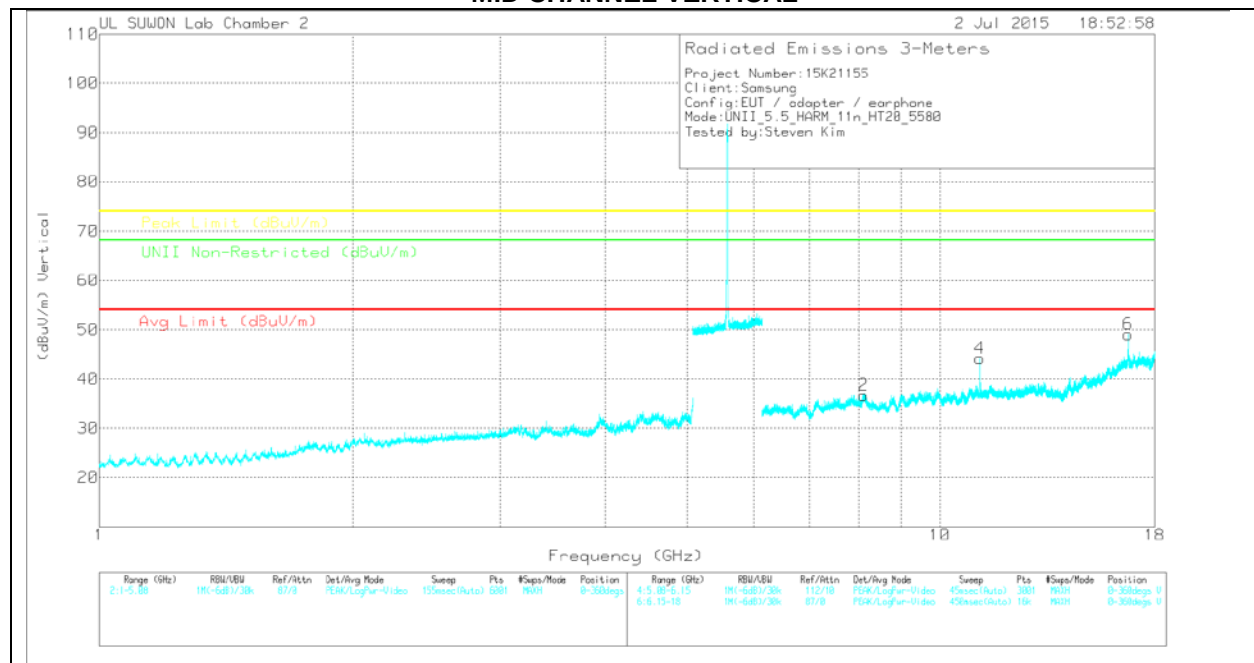
PK-U - U-NII: Maximum Peak

ADR - U-NII AD primary method, RMS average

MID CHANNEL HORIZONTAL



MID CHANNEL VERTICAL



Note: Emission was scanned up to 40GHz; No emissions were detected above the noise floor which was at least 20dB below the specification limit.

MID CHANNEL DATA

TRACE MARKERS

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	3117(0016 8717)_150 619	Path_5_6G HP	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	UNII Non-Restricted (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 8.112	23.1	PK	36.4	-23.3	0	36.2	-	-	74	-37.8	-	-	0-360	100	H
3	* 11.16	27.98	PK	38.3	-21	0	45.28	-	-	74	-28.72	-	-	0-360	100	H
5	16.74	21.5	PK	41.3	-16.9	0	45.9	-	-	-	-	68.2	-22.3	0-360	200	H
2	* 8.111	23.6	PK	36.4	-23.3	0	36.7	-	-	74	-37.3	-	-	0-360	100	V
4	* 11.16	26.87	PK	38.3	-21	0	44.17	-	-	74	-29.83	-	-	0-360	200	V
6	16.74	24.69	PK	41.3	-16.9	0	49.09	-	-	-	-	68.2	-19.11	0-360	200	V

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

PK – Peak Detector

Radiated Emissions

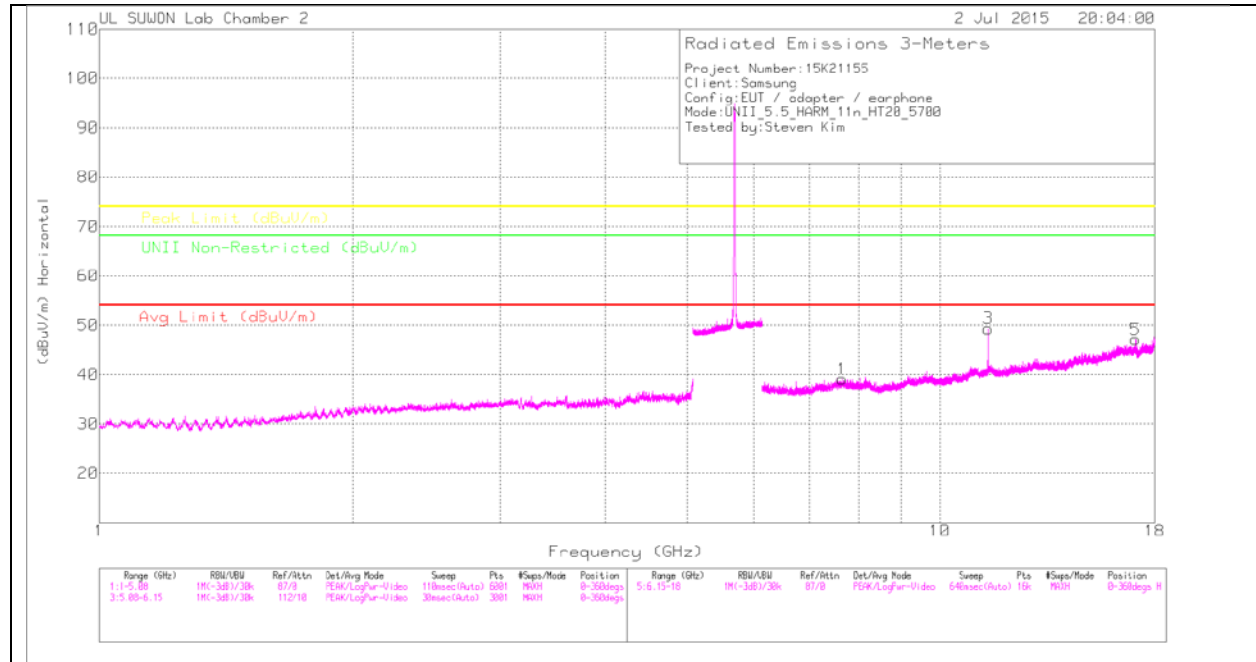
Frequency (GHz)	Meter Reading (dBuV)	Det	3117(001687 17)_150619	Path_5_6GH P	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	UNII Non-Restricted (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
* 11.16	37.75	PK-U	38.3	-21	0	55.05	-	-	74	-18.95	-	-	305	125	H
* 11.16	30.36	ADR	38.3	-21	.32	47.98	54	-6.02	-	-	-	-	305	125	H
* 11.16	38.07	PK-U	38.3	-21	0	55.37	-	-	74	-18.63	-	-	262	337	V
* 11.16	30.5	ADR	38.3	-21	.32	48.12	54	-5.88	-	-	-	-	262	337	V
16.74	31.77	PK-U	41.3	-16.9	0	56.17	-	-	-	-	68.2	-12.03	245	358	H
16.742	36.64	PK-U	41.3	-16.9	0	61.04	-	-	-	-	68.2	-7.16	197	311	V

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

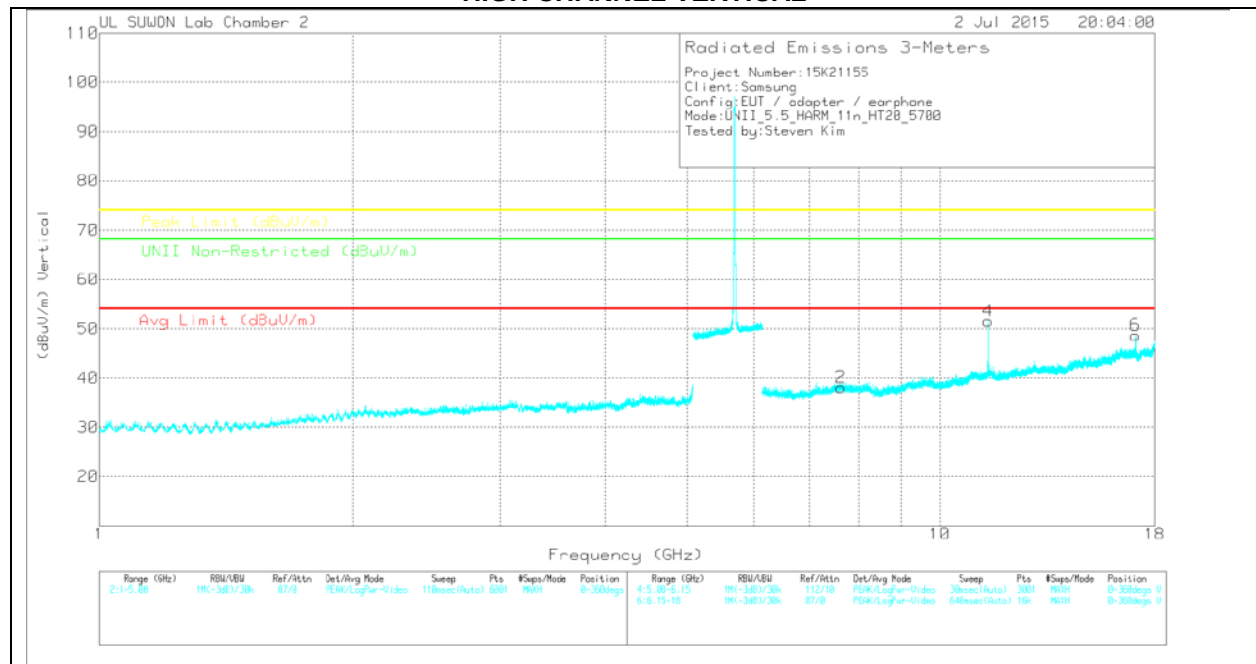
PK-U - U-NII: Maximum Peak

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	* 7.653	24.27	PK	36.1	-21.3	0	39.07	-	-	74	-34.93	-	-	0-360	200	H
3	* 11.401	28.24	PK	38.3	-17.2	0	49.34	-	-	74	-24.66	-	-	0-360	200	H
5	17.096	21.28	PK	41.1	-15.3	0	47.08	-	-	-	-	68.2	-21.12	0-360	200	H
2	* 7.621	23.6	PK	36.1	-21.6	0	38.1	-	-	74	-35.9	-	-	0-360	200	V
4	* 11.401	30.43	PK	38.3	-17.2	0	51.53	-	-	74	-22.47	-	-	0-360	200	V
6	17.102	22.87	PK	41.1	-15.3	0	48.67	-	-	-	-	68.2	-19.53	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
* 11.4	37.14	PK-U	38.3	-17.2	0	58.24	-	-	74	-15.76	-	-	304	208	H
* 11.4	28.82	ADR	38.3	-17.2	0	49.92	54	-4.08	-	-	-	-	304	208	H
* 11.4	36.3	PK-U	38.3	-17.2	0	57.4	-	-	74	-16.6	-	-	212	366	V
* 11.4	29.5	ADR	38.3	-17.2	0	50.6	54	-3.4	-	-	-	-	212	366	V
17.101	31.44	PK-U	41.1	-15.3	0	57.24	-	-	-	-	68.2	-10.96	4	371	H
17.102	38.59	PK-U	41.1	-15.3	0	64.39	-	-	-	-	68.2	-3.81	203	350	V
* 15.905	39.65	PK-U	40.4	-16.3	0	63.75	-	-	74	-10.25	-	-	192	264	V
* 15.902	23.65	ADR	40.4	-16.3	0	47.75	54	-6.25	-	-	-	-	192	264	V

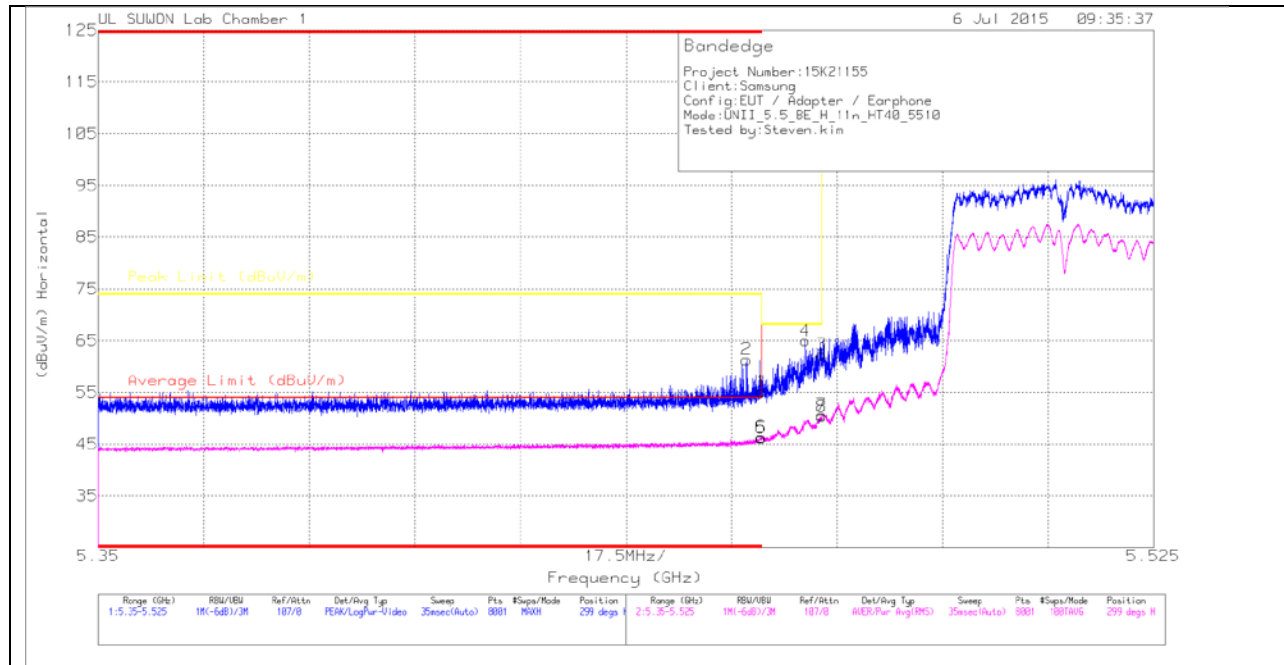
* - indicates frequency in CFR15.205/IC7.2.2 Restricted Band

PK-U - U-NII: Maximum Peak

ADR - U-NII AD primary method, RMS average

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

HORIZONTAL PEAK AND AVERAGE PLOT



HORIZONTAL DATA

TRACE MARKERS

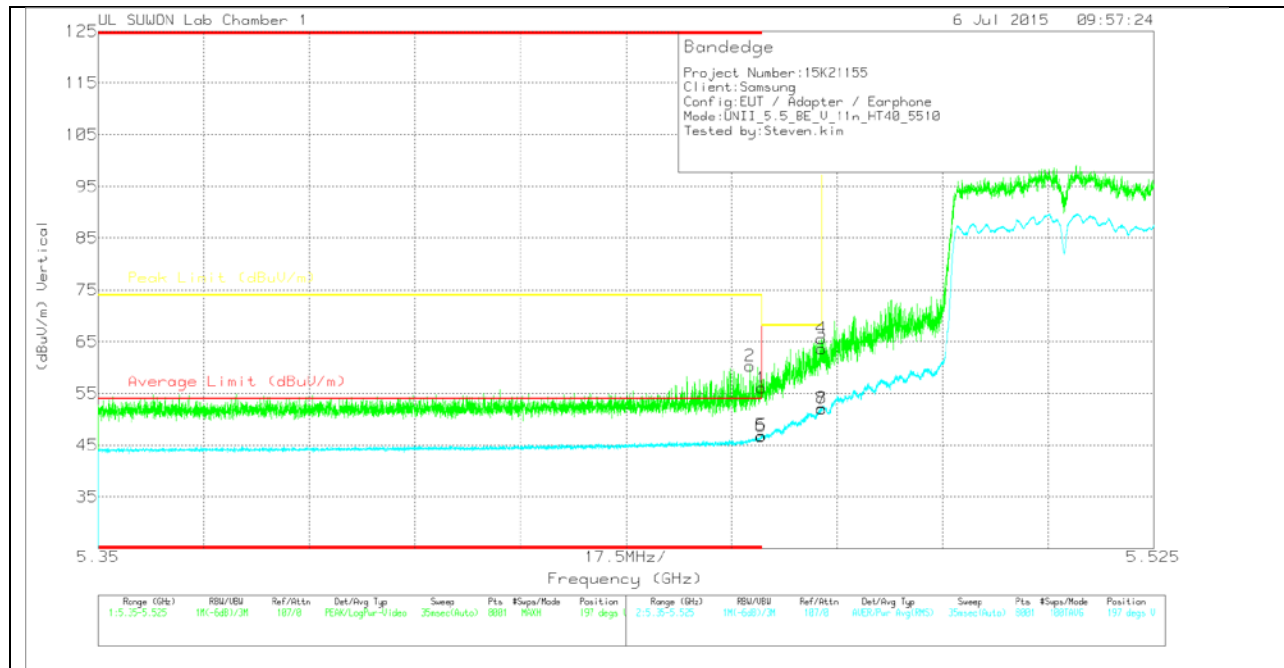
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	3117/001687 17_150619	Path_2_10d B	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 5.46	39.83	Pk	34.6	-19.2	0	55.23	-	-	74	-18.77	299	301	H
2	* 5.458	45.97	Pk	34.6	-19.2	0	61.37	-	-	74	-12.63	299	301	H
3	5.47	46.93	Pk	34.6	-19.2	0	62.33	-	-	68.2	-5.87	299	301	H
4	5.467	49.56	Pk	34.6	-19.2	0	64.96	-	-	68.2	-3.24	299	301	H
5	* 5.46	30.17	RMS	34.6	-19.2	.62	46.19	54	-7.81	-	-	299	301	H
6	* 5.46	30.36	RMS	34.6	-19.2	.62	46.38	54	-7.62	-	-	299	301	H
7	5.47	34.6	RMS	34.6	-19.2	.62	50.62	-	-	-	-	299	301	H
8	5.47	34.33	RMS	34.6	-19.2	.62	50.35	-	-	-	-	299	301	H

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

Pk - Peak detector

RMS - RMS detection

VERTICAL PEAK AND AVERAGE PLOT



VERTICAL DATA

TRACE MARKERS

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	3117(001687 17)_150619	Path_2_10d B	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 5.46	40.67	Pk	34.6	-19.2	0	56.07	-	-	74	-17.93	197	223	V
2	* 5.458	44.95	Pk	34.6	-19.2	0	60.35	-	-	74	-13.65	197	223	V
3	5.47	48.21	Pk	34.6	-19.2	0	63.61	-	-	68.2	-4.59	197	223	V
4	5.47	50.23	Pk	34.6	-19.2	0	65.63	-	-	68.2	-2.57	197	223	V
5	* 5.46	30.87	RMS	34.6	-19.2	.62	46.89	54	-7.11	-	-	197	223	V
6	* 5.46	30.73	RMS	34.6	-19.2	.62	46.75	54	-7.25	-	-	197	223	V
7	5.47	35.99	RMS	34.6	-19.2	.62	52.01	-	-	-	-	197	223	V
8	5.47	36.17	RMS	34.6	-19.2	.62	52.19	-	-	-	-	197	223	V

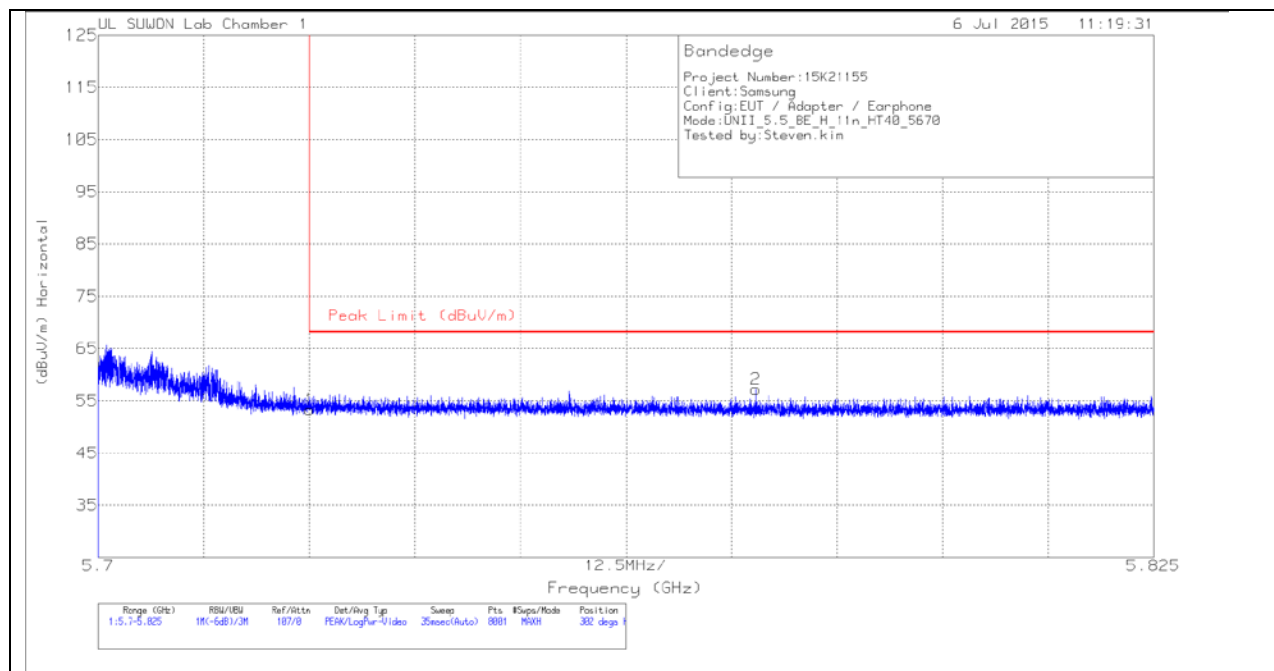
* - indicates frequency in CFR15.205/IC7.2.2 Restricted Band

Pk - Peak detector

RMS - RMS detection

AUTHORIZED BANDEDGE (HIGH CHANNEL)

HORIZONTAL PEAK AND AVERAGE PLOT



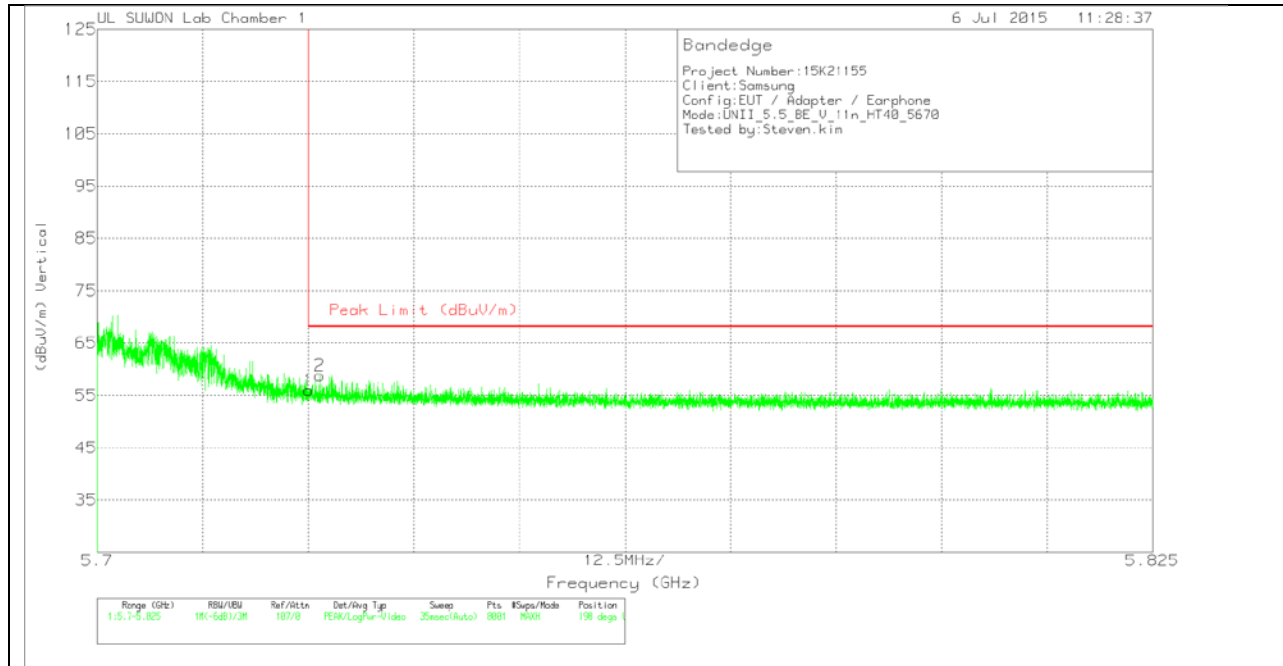
HORIZONTAL DATA

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	37.33	Pk	34.8	-18.8	0	53.33	68.2	-14.87	302	332	H
2	5.778	41.2	Pk	34.8	-18.8	0	57.2	68.2	-11	302	332	H

Pk - Peak detector

VERTICAL PEAK AND AVERAGE PLOT



VERTICAL DATA

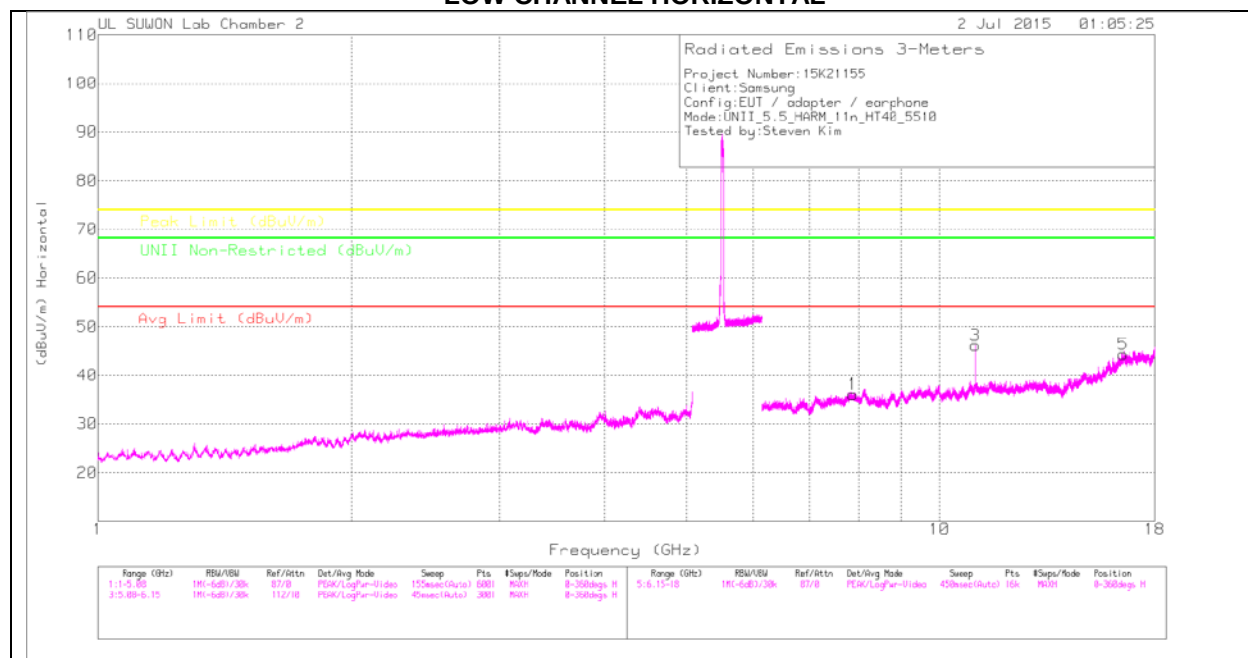
TRACE MARKERS

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	3117(0016 8717)_150 619	Path_2_10 dB	DC Corr (dB)	Corrected Reading (dBuV/m)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.725	39.98	Pk	34.8	-18.8	0	55.98	68.2	-12.22	198	141	V
2	5.726	42.78	Pk	34.8	-18.8	0	58.78	68.2	-9.42	198	141	V

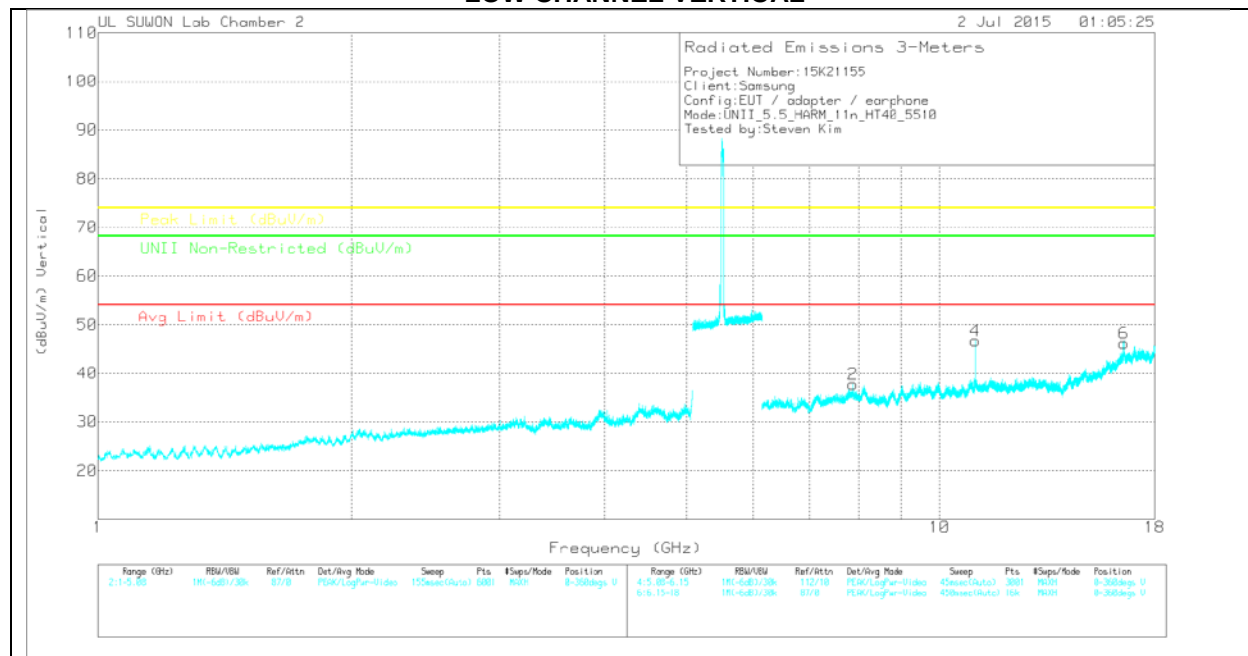
Pk - Peak detector

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(001687 171_150619)	Path_5_6G HP	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	UNII Non-Restricted (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	7.888	23.52	PK	36.4	-23.8	0	36.12	-	-	-	-	68.2	-32.08	0-360	200	H
3	* 11.02	28.84	PK	38.2	-20.9	0	46.14	-	-	74	-27.86	-	-	0-360	100	H
5	16.526	20.51	PK	41.2	-17.4	0	44.31	-	-	-	-	68.2	-23.89	0-360	100	H
2	7.884	25.23	PK	36.4	-23.9	0	37.73	-	-	-	-	68.2	-30.47	0-360	100	V
4	* 11.02	29.4	PK	38.2	-20.9	0	46.7	-	-	74	-27.3	-	-	0-360	200	V
6	16.528	22.37	PK	41.2	-17.4	0	46.17	-	-	-	-	68.2	-22.03	0-360	200	V

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

PK – Peak Detector

Radiated Emissions

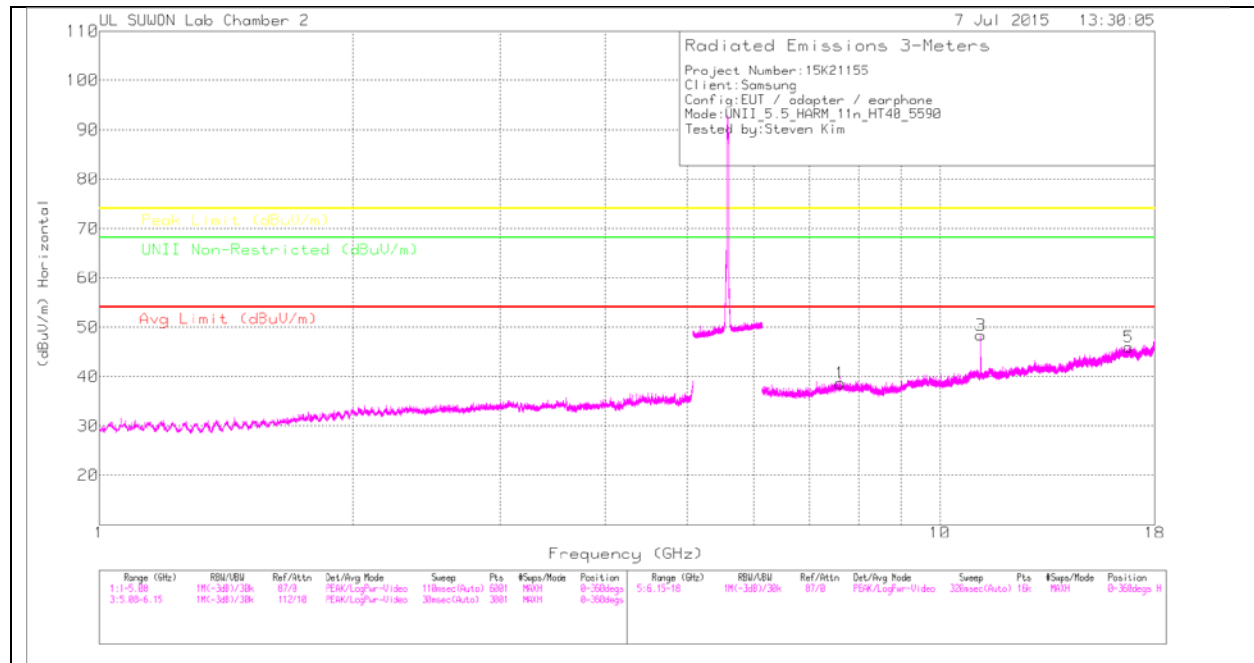
Frequency (GHz)	Meter Reading (dBuV)	Det	3117(001687 171_150619)	Path_5_6GHP	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	UNII Non-Restricted (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
* 11.02	36.28	PK-U	38.2	-20.9	0	53.58	-	-	74	-20.42	-	-	302	126	H
* 11.02	28.99	ADR	38.2	-20.9	.62	46.91	54	-7.09	-	-	-	-	302	126	H
* 11.02	34.36	PK-U	38.2	-20.9	0	51.66	-	-	74	-22.34	-	-	265	197	V
* 11.02	25.12	ADR	38.2	-20.9	.62	43.04	54	-10.96	-	-	-	-	265	197	V
16.522	35.97	PK-U	41.2	-17.4	0	59.77	-	-	-	-	68.2	-8.43	131	149	V
16.523	34.53	PK-U	41.2	-17.4	0	58.33	-	-	-	-	68.2	-9.87	93	400	H

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

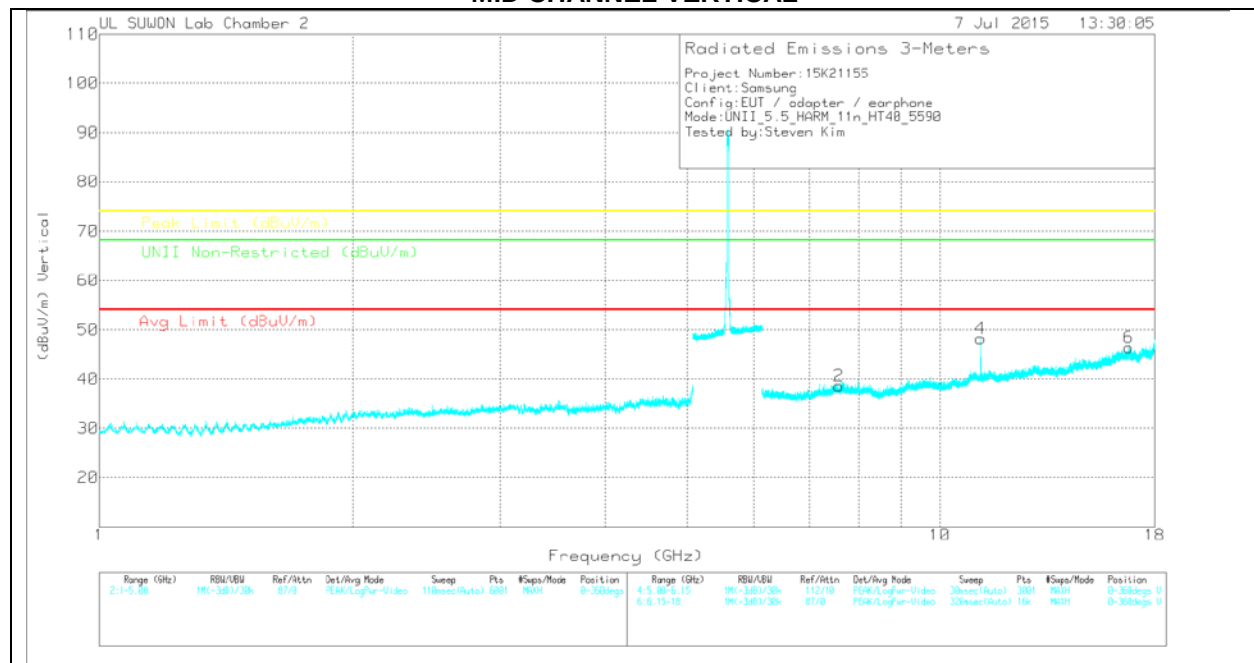
PK-U - U-NII: Maximum Peak

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	* 7.614	24.15	PK	36.1	-21.6	0	38.65	-	-	74	-35.35	-	-	0-360	100	H
3	* 11.18	27.98	PK	38.1	-17.7	0	48.38	-	-	74	-25.62	-	-	0-360	100	H
5	16.774	20.47	PK	41	-15.5	0	45.97	-	-	-	-	68.2	-22.23	0-360	200	H
2	* 7.584	24.2	PK	36.1	-21.7	0	38.6	-	-	74	-35.4	-	-	0-360	200	V
4	* 11.18	27.81	PK	38.1	-17.7	0	48.21	-	-	74	-25.79	-	-	0-360	200	V
6	16.769	20.89	PK	41	-15.5	0	46.39	-	-	-	-	68.2	-21.81	0-360	200	V

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

PK – Peak Detector

Radiated Emissions

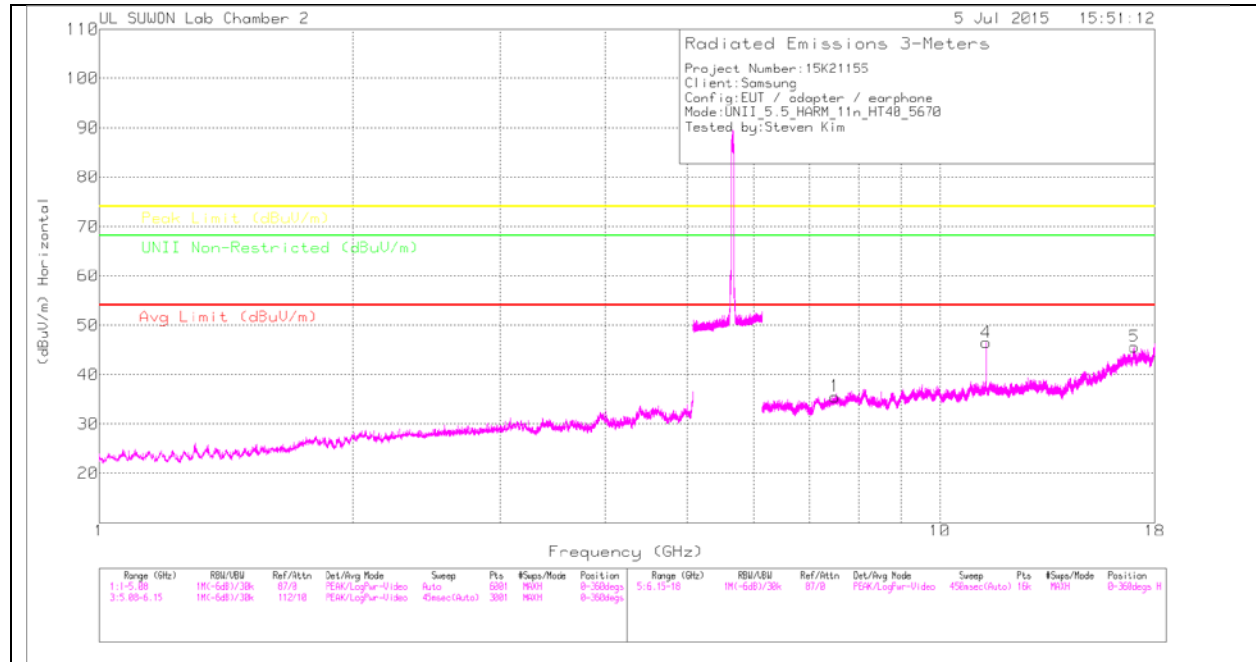
Frequency (GHz)	Meter Reading (dBuV)	Det	3117/0016872 4)_150619	Path_5	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	UNII Non-Restricted (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
* 11.18	35.06	PK-U	38.1	-17.7	0	55.46	-	-	74	-18.54	-	-	305	118	H
* 11.18	27.41	ADR	38.1	-17.7	.62	48.43	54	-5.57	-	-	-	-	305	118	H
* 11.18	36.96	PK-U	38.1	-17.7	0	57.36	-	-	74	-16.64	-	-	263	335	V
* 11.18	30.99	ADR	38.1	-17.7	.62	52.01	54	-1.99	-	-	-	-	263	335	V

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

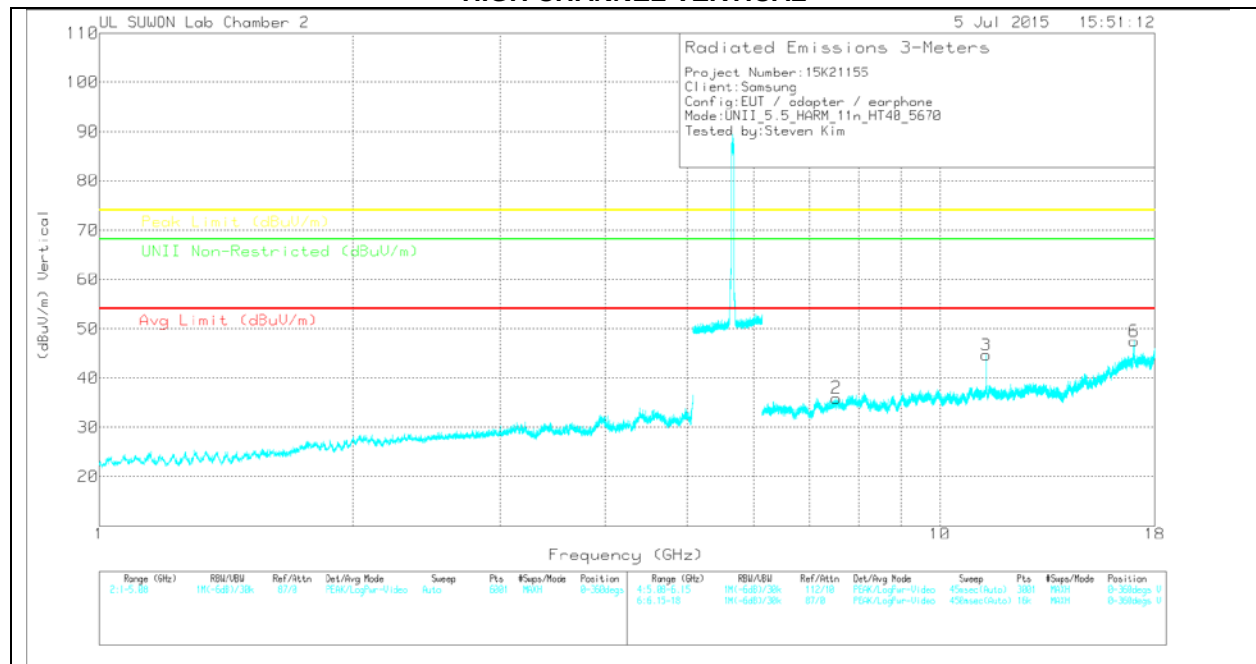
PK-U - U-NII: Maximum Peak

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(00168717)_150619	Path_5_6G HP	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	UNII Non-Restricted (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 7.51	24.29	PK	35.8	-24.5	0	35.59	-	-	74	-38.41	-	-	0-360	200	H
4	* 11.34	28.39	PK	38.5	-20.4	0	46.49	-	-	74	-27.51	-	-	0-360	200	H
5	17.026	20.34	PK	41.4	-16.1	0	45.64	-	-	-	-	68.2	-22.56	0-360	200	H
2	* 7.528	24.43	PK	35.8	-24.3	0	35.93	-	-	74	-38.07	-	-	0-360	200	V
3	* 11.34	26.6	PK	38.5	-20.4	0	44.7	-	-	74	-29.3	-	-	0-360	200	V
6	17.018	22.16	PK	41.4	-16.1	0	47.46	-	-	-	-	68.2	-20.74	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(00168717)_150619	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
* 11.34	36.84	PK-U	38.5	-20.4	0	54.94	-	-	74	-19.06	-	-	300	206	H
* 11.34	29.97	ADR	38.5	-20.4	.62	48.69	54	-5.31	-	-	-	-	300	206	H
17.028	32.76	PK-U	41.4	-16.2	0	57.96	-	-	-	-	68.2	-10.24	166	170	H
* 11.34	35.06	PK-U	38.5	-20.4	0	53.16	-	-	74	-20.84	-	-	106	240	V
* 11.34	26.98	ADR	38.5	-20.4	.62	45.7	54	-8.3	-	-	-	-	106	240	V
17.018	33.84	PK-U	41.4	-16.1	0	59.14	-	-	-	-	68.2	-9.06	132	171	V

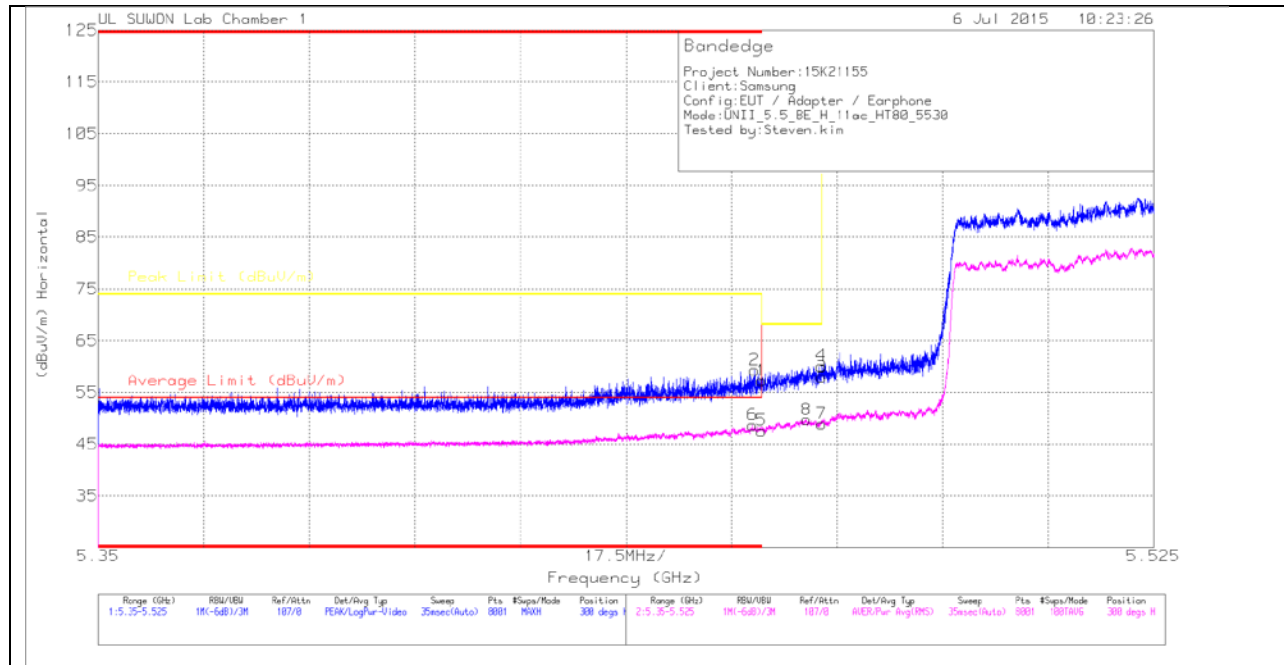
* - indicates frequency in CFR15.205/IC7.2.2 Restricted Band

PK-U - U-NII: Maximum Peak

ADR - U-NII AD primary method, RMS average

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

HORIZONTAL PEAK AND AVERAGE PLOT



HORIZONTAL DATA

TRACE MARKERS

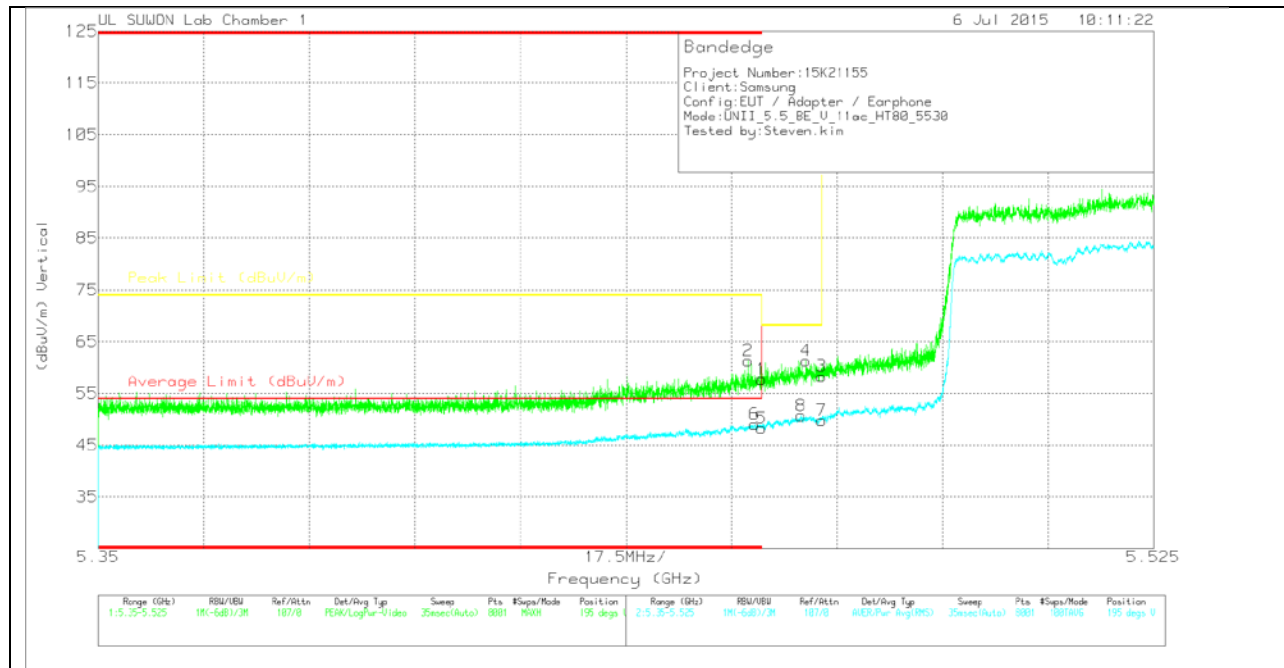
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	3117/001687 17_150619	Path_2_10d B	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 5.46	41.89	Pk	34.6	-19.2	0	57.29	-	-	74	-16.71	300	135	H
2	* 5.459	43.93	Pk	34.6	-19.2	0	59.33	-	-	74	-14.67	300	135	H
3	5.47	42.59	Pk	34.6	-19.2	0	57.99	-	-	68.2	-10.21	300	135	H
4	5.47	44.74	Pk	34.6	-19.2	0	60.14	-	-	68.2	-8.06	300	135	H
5	* 5.46	31.06	RMS	34.6	-19.2	1.16	47.62	54	-6.38	-	-	300	135	H
6	* 5.459	32.15	RMS	34.6	-19.2	1.16	48.71	54	-5.29	-	-	300	135	H
7	5.47	32.4	RMS	34.6	-19.2	1.16	48.96	-	-	-	-	300	135	H
8	5.467	33.16	RMS	34.6	-19.2	1.16	49.72	-	-	-	-	300	135	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	42.33	Pk	34.6	-19.2	0	57.73	-	-	74	-16.27	195	225	V
2	* 5.458	45.92	Pk	34.6	-19.2	0	61.32	-	-	74	-12.68	195	225	V
3	5.47	42.93	Pk	34.6	-19.2	0	58.33	-	-	68.2	-9.87	195	225	V
4	5.467	45.89	Pk	34.6	-19.2	0	61.29	-	-	68.2	-6.91	195	225	V
5	* 5.46	31.73	RMS	34.6	-19.2	1.16	48.29	54	-5.71	-	-	195	225	V
6	* 5.459	32.51	RMS	34.6	-19.2	1.16	49.07	54	-4.93	-	-	195	225	V
7	5.47	33.23	RMS	34.6	-19.2	1.16	49.79	-	-	-	-	195	225	V
8	5.467	34.12	RMS	34.6	-19.2	1.16	50.68	-	-	-	-	195	225	V

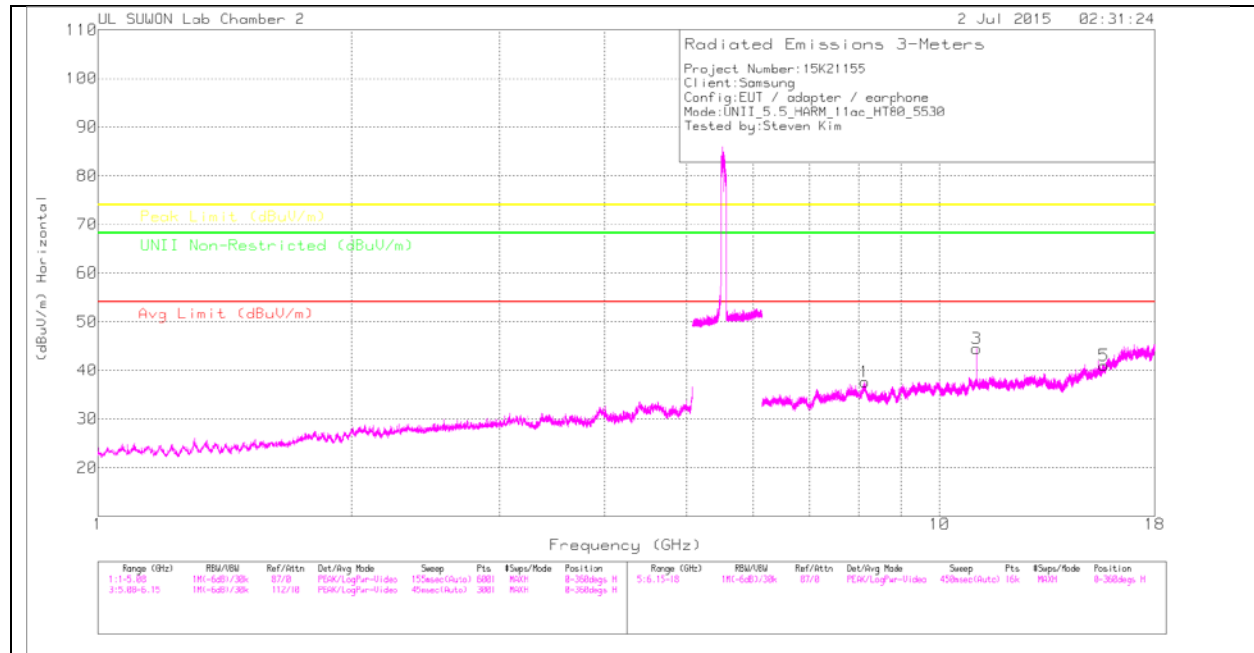
* - indicates frequency in CFR15.205/IC7.2.2 Restricted Band

Pk - Peak detector

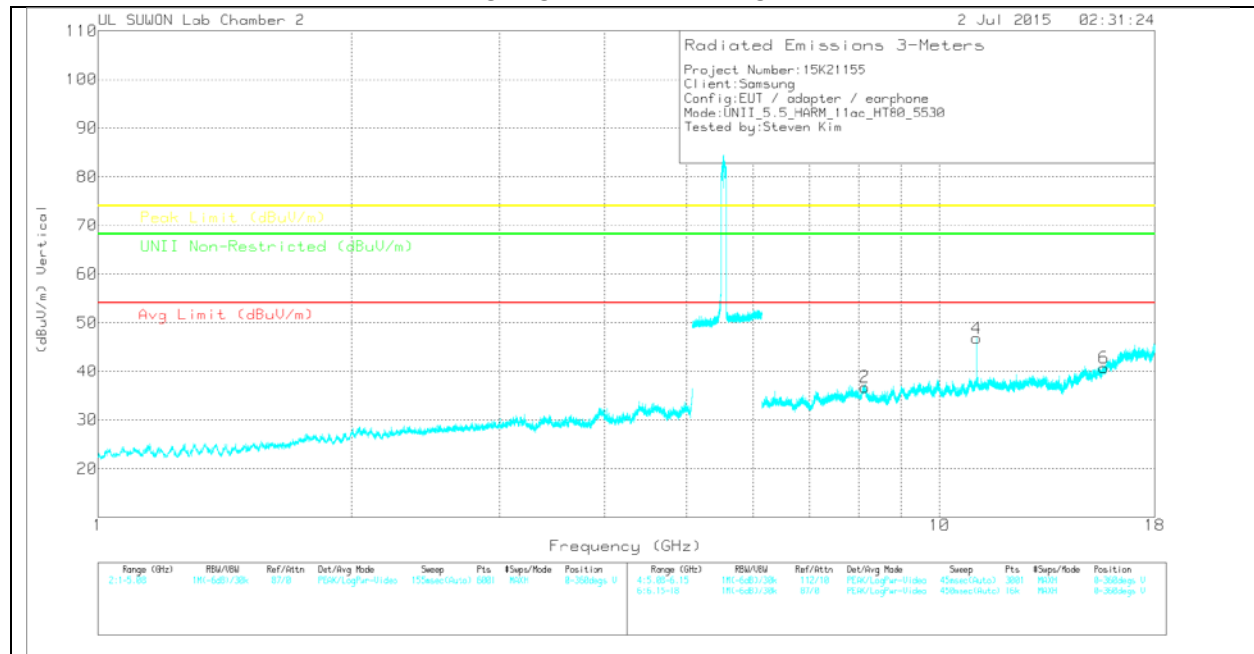
RMS - RMS detection

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	* 8.143	24.51	PK	36.4	-23.3	0	37.61	-	-	74	-36.39	-	-	0-360	100	H
3	* 11.06	27.11	PK	38.2	-20.8	0	44.51	-	-	74	-29.49	-	-	0-360	100	H
5	* 15.693	20.37	PK	40.4	-19.8	0	40.97	-	-	74	-33.03	-	-	0-360	200	H
2	* 8.144	23.59	PK	36.4	-23.3	0	36.69	-	-	74	-37.31	-	-	0-360	200	V
4	* 11.06	29.41	PK	38.2	-20.8	0	46.81	-	-	74	-27.19	-	-	0-360	200	V
6	* 15.692	20.14	PK	40.4	-19.8	0	40.74	-	-	74	-33.26	-	-	0-360	100	V

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

PK – Peak Detector

Radiated Emissions

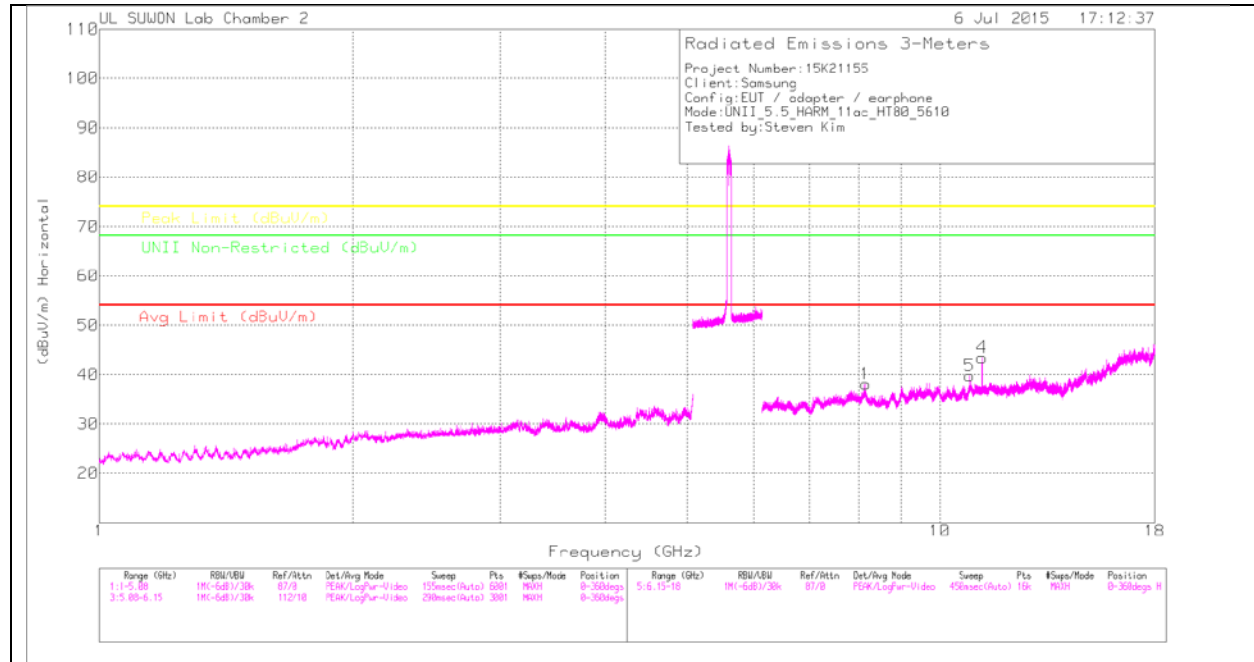
Frequency (GHz)	Meter Reading (dBuV)	Det	3117(001687 17)_150619	Path_5_6GHP	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	UNII Non-Restricted (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
* 11.06	35.08	PK-U	38.2	-20.8	0	52.48	-	-	74	-21.52	-	-	306	123	H
* 11.06	28.18	ADR	38.2	-20.8	1.16	46.74	54	-7.26	-	-	-	-	306	123	H
* 11.06	35.22	PK-U	38.2	-20.8	0	52.62	-	-	74	-21.38	-	-	266	242	V
* 11.06	28.96	ADR	38.2	-20.8	1.16	47.52	54	-6.48	-	-	-	-	266	242	V

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

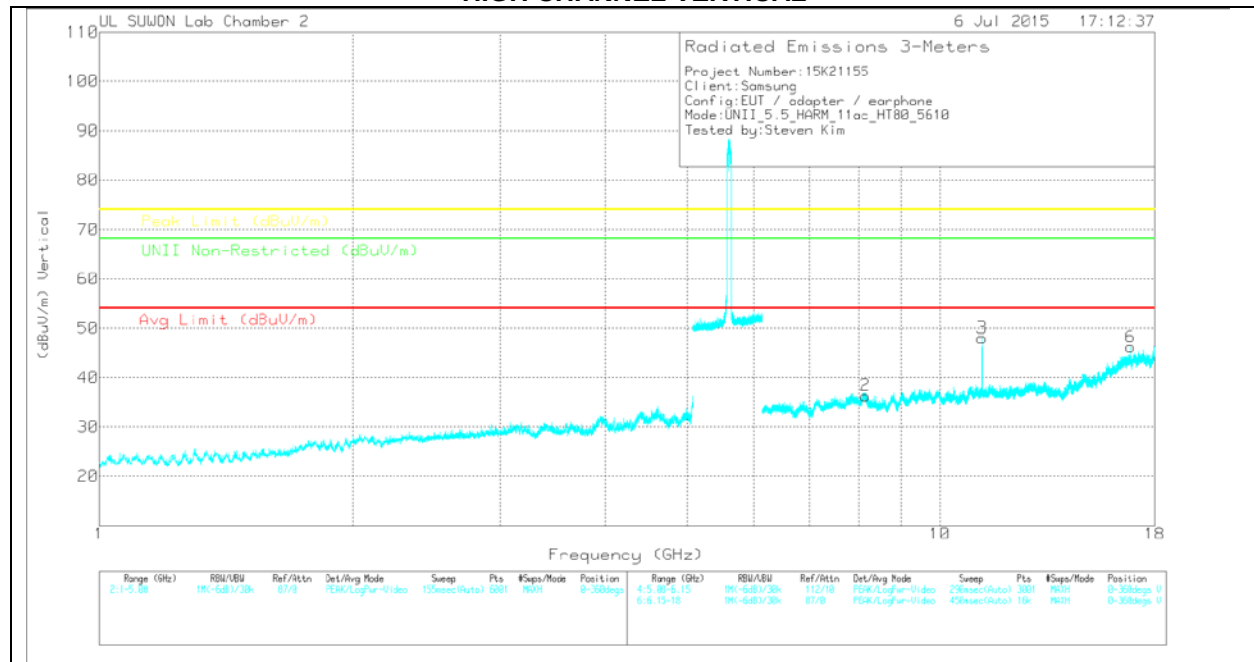
PK-U - U-NII: Maximum Peak

ADR - U-NII AD primary method, RMS average

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	* 8.159	25.09	PK	36.4	-23.4	0	38.09	-	-	74	-35.91	-	-	0-360	200	H
4	* 11.22	25.84	PK	38.4	-20.8	0	43.44	-	-	74	-30.56	-	-	0-360	100	H
5	* 10.848	22.16	PK	38.1	-20.5	0	39.76	-	-	74	-34.24	-	-	0-360	200	H
2	* 8.158	23.35	PK	36.4	-23.4	0	36.35	-	-	74	-37.65	-	-	0-360	200	V
3	* 11.22	30.45	PK	38.4	-20.8	0	48.05	-	-	74	-25.95	-	-	0-360	100	V
6	16.86	21.81	PK	41.3	-16.9	0	46.21	-	-	-	-	68.2	-21.99	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 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
* 11.22	34.74	PK-U	38.4	-20.8	0	52.34	-	-	74	-21.66	-	-	281	314	H
* 11.22	28.03	ADR	38.4	-20.8	1.16	46.79	54	-7.21	-	-	-	-	281	314	H
* 11.22	34.67	PK-U	38.4	-20.8	0	52.27	-	-	74	-21.73	-	-	202	297	V
* 11.22	26.97	ADR	38.4	-20.8	1.16	45.73	54	-8.27	-	-	-	-	202	297	V

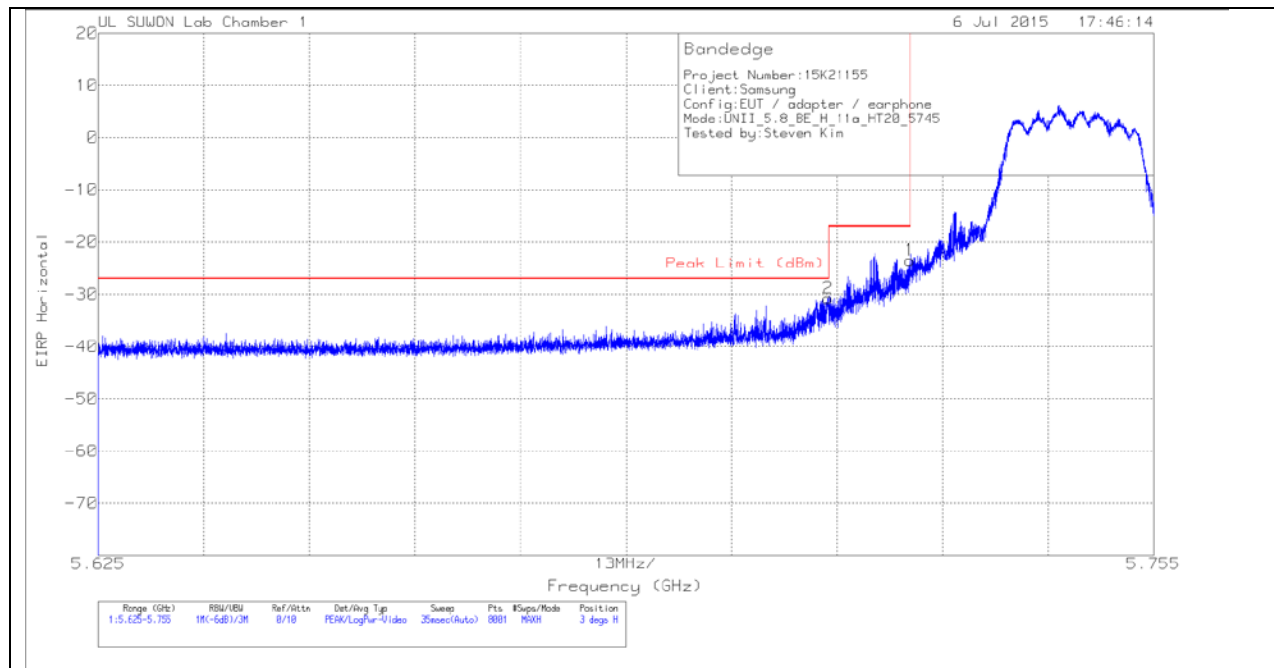
* - indicates frequency in CFR15.205/IC7.2.2 Restricted Band

PK-U - U-NII: Maximum Peak

ADR - U-NII AD primary method, RMS average

11.4. 5.8 GHz

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



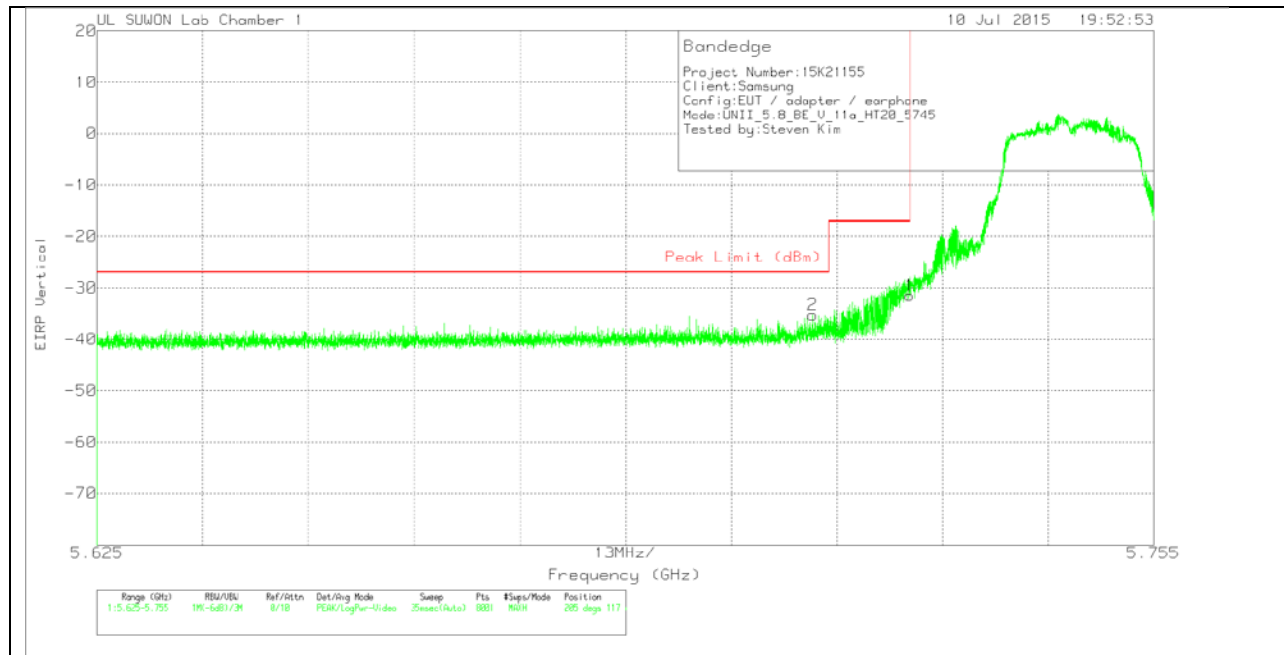
HORIZONTAL DATA

TRACE MARKERS

Marker	Frequency (GHz)	Meter Reading (dBm)	Det	3117(0016 8717)_150 619	Path_2_10 dB	Conversion Factor (dB)	DC Corr (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.725	-51.27	Pk	34.8	-18.8	11.8	0	-23.47	-17	-6.47	3	307	H
2	5.715	-58.54	Pk	34.8	-18.8	11.8	0	-30.74	-27	-3.74	3	307	H

Pk - Peak detector

VERTICAL PEAK PLOT



VERTICAL DATA

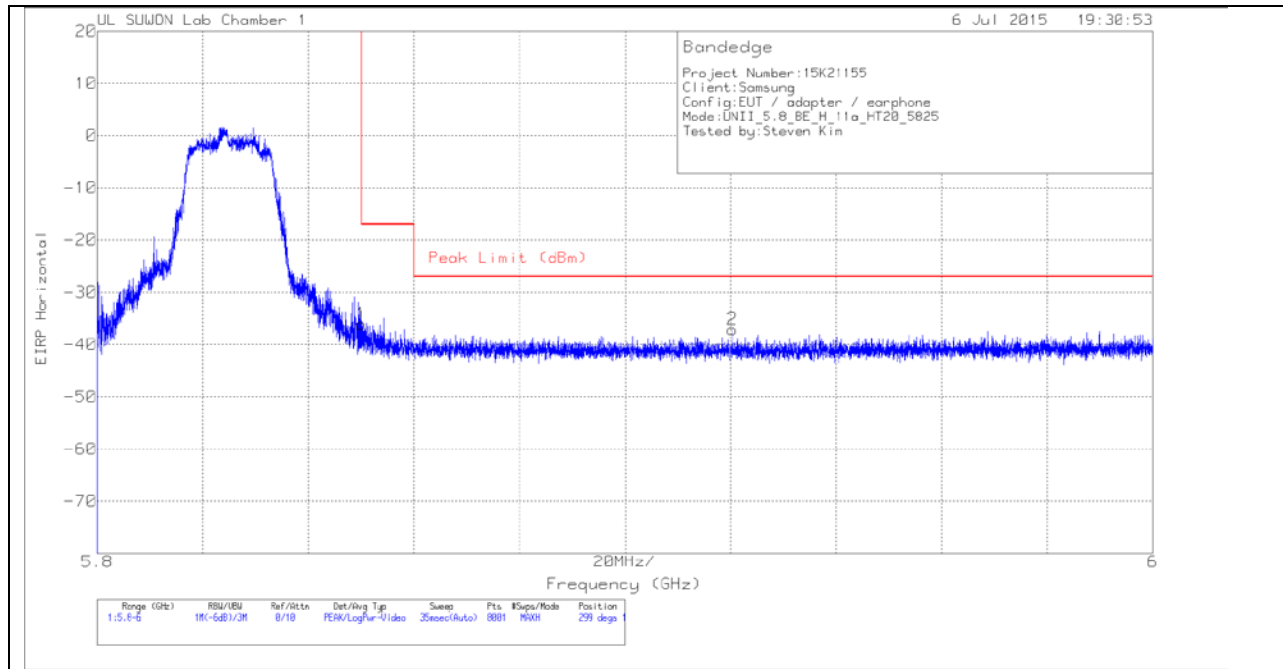
TRACE MARKERS

Marker	Frequency (GHz)	Meter Reading (dBm)	Det	3117(0016 8717)_150 619	Path_2_10 dB	Conversion Factor (dB)	DC Corr (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.725	-59.32	PK	34.8	-18.8	11.8	0	-31.52	-17	-14.52	205	117	V
2	5.713	-63.04	PK	34.8	-18.8	11.8	0	-35.24	-27	-8.24	205	117	V

Pk - Peak detector

AUTHORIZED BANDEDGE (HIGH CHANNEL)

HORIZONTAL PEAK PLOT



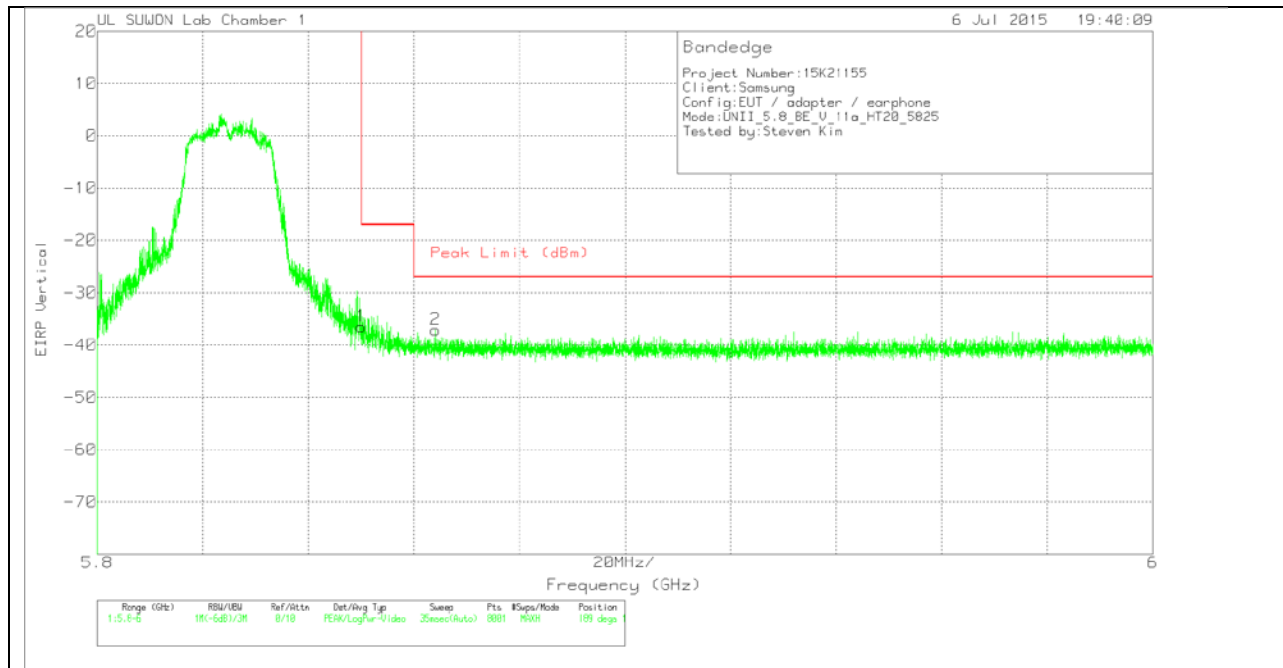
HORIZONTAL DATA

TRACE MARKERS

Marker	Frequency (GHz)	Meter Reading (dBm)	Det	3117(0016 8717)_150 619	Path_2_10 dB	Conversion Factor (dB)	DC Corr (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.85	-63.88	Pk	34.9	-18.9	11.8	0	-36.08	-17	-19.08	299	100	H
2	5.92	-64.97	Pk	34.9	-18.8	11.8	0	-37.07	-27	-10.07	299	100	H

Pk - Peak detector

VERTICAL PEAK PLOT



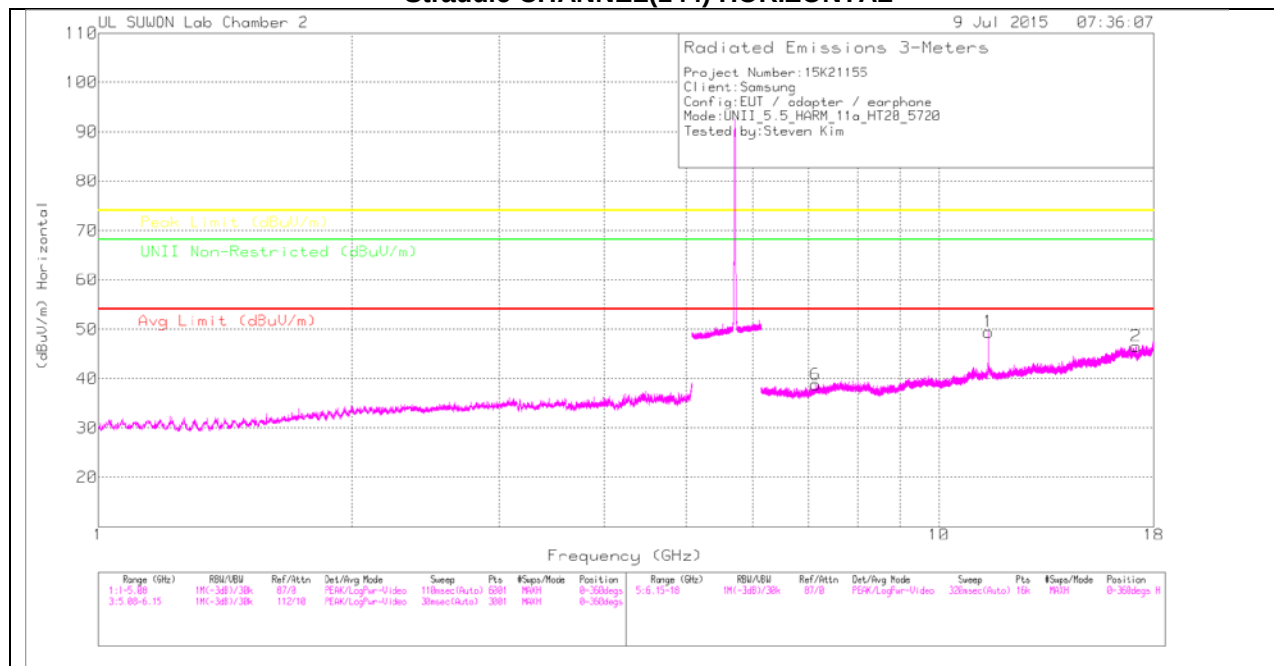
VERTICAL DATA

TRACE MARKERS

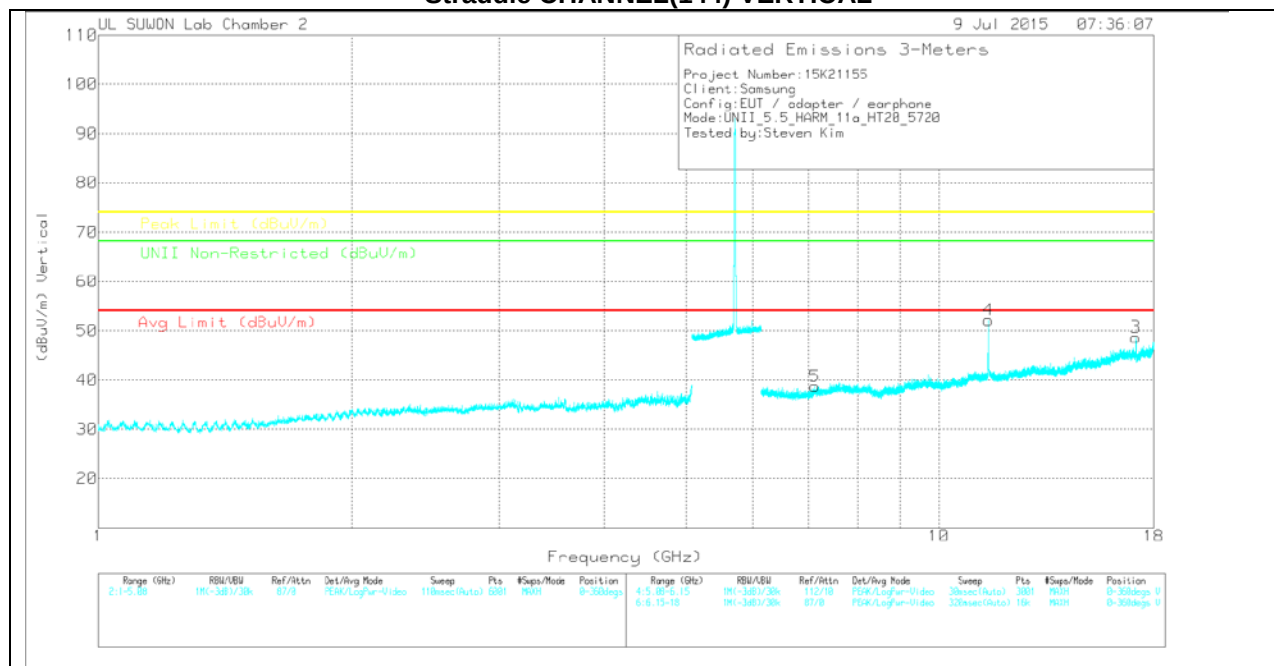
Marker	Frequency (GHz)	Meter Reading (dBm)	Det	3117(0016 8717)_150 619	Path_2_10 dB	Conversion Factor (dB)	DC Corr (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.85	-64.24	Pk	34.9	-18.9	11.8	0	-36.44	-17	-19.44	189	100	V
2	5.864	-64.84	Pk	34.9	-18.9	11.8	0	-37.04	-27	-10.04	189	100	V

Pk - Peak detector

Straddle CHANNEL(144) HORIZONTAL



Straddle CHANNEL(144) VERTICAL



Note: Emission was scanned up to 40GHz; No emissions were detected above the noise floor which was at least 20dB below the specification limit.

Straddle CHANNEL(144) DATA

TRACE MARKERS

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	3117(0016 8724)_150 619	Path_5	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	UNII Non-Restricted (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 11.44	28.57	PK	38.3	-17.4	0	49.47	-	-	74	-24.53	-	-	0-360	200	H
2	17.164	20.73	PK	41.1	-15.3	0	46.53	-	-	-	-	68.2	-21.67	0-360	200	H
6	7.128	25.79	PK	35.7	-22.7	0	38.79	-	-	-	-	68.2	-29.41	0-360	100	H
3	17.158	22.88	PK	41.1	-15.3	0	48.68	-	-	-	-	68.2	-19.52	0-360	200	V
4	* 11.44	31.24	PK	38.3	-17.4	0	52.14	-	-	74	-21.86	-	-	0-360	200	V
5	7.113	25.57	PK	35.7	-22.6	0	38.67	-	-	-	-	68.2	-29.53	0-360	100	V

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

PK – Peak detector

Radiated Emissions

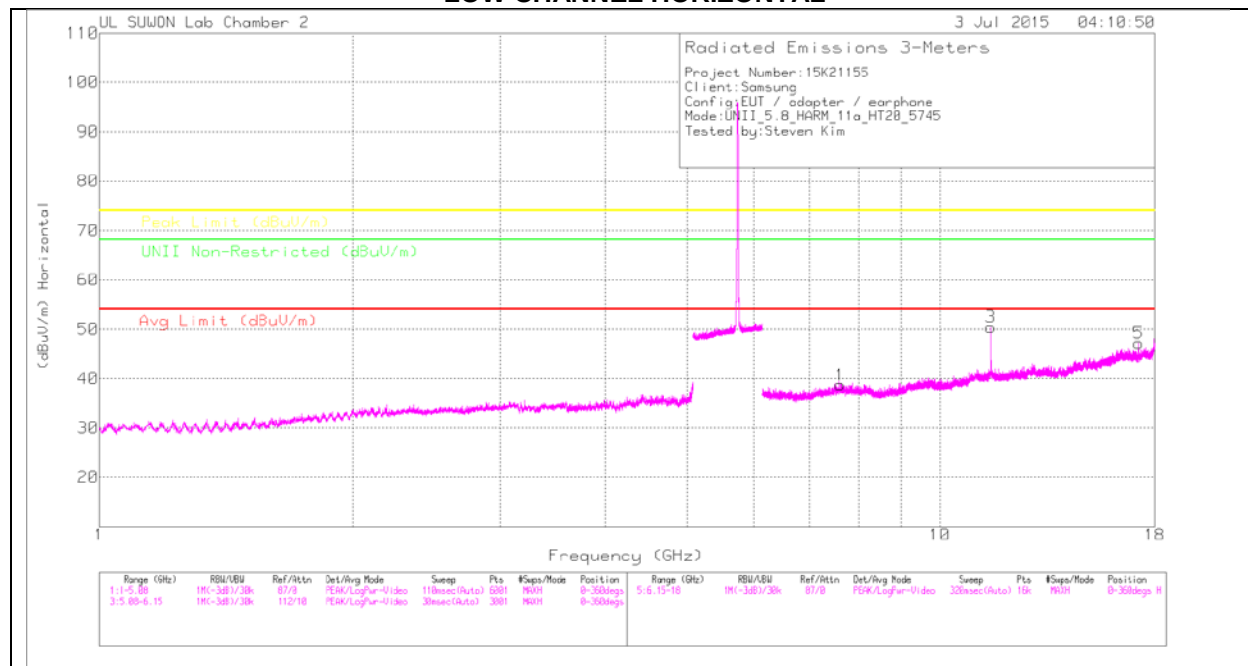
Frequency (GHz)	Meter Reading (dBuV)	Det	3117(0016872 4)_150619	Path_5	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	UNII Non-Restricted (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
* 11.44	37.43	PK-U	38.3	-17.4	0	58.33	-	-	74	-15.67	-	-	309	356	H
* 11.44	26.88	ADR	38.3	-17.4	.3	48.08	54	-5.92	-	-	-	-	309	356	H
17.163	38.06	PK-U	41.1	-15.3	0	63.86	-	-	-	-	68.2	-4.34	46	132	V
17.163	22.72	ADR	41.1	-15.3	.3	48.82	-	-	-	-	-	-	46	132	V
* 11.44	38.92	PK-U	38.3	-17.4	0	59.82	-	-	74	-14.18	-	-	346	313	V
* 11.44	30.21	ADR	38.3	-17.4	.3	51.41	54	-2.59	-	-	-	-	346	313	V

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

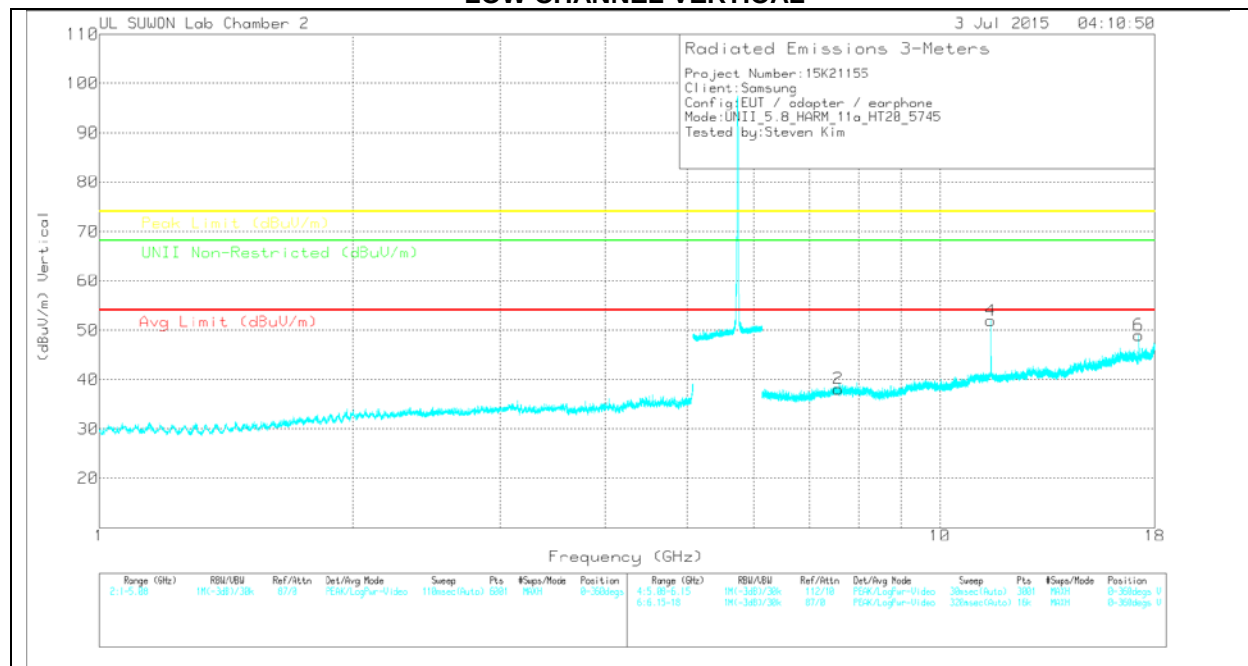
PK-U - U-NII: Maximum Peak

ADR - U-NII AD primary method, RMS average

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	* 7.611	24.19	PK	36.1	-21.6	0	38.69	-	-	74	-35.31	-	-	0-360	200	H
3	* 11.491	29.63	PK	38.3	-17.5	0	50.43	-	-	74	-23.57	-	-	0-360	200	H
5	17.233	21.17	PK	41.2	-15.2	0	47.17	-	-	-	-	68.2	-21.03	0-360	200	H
2	* 7.568	23.73	PK	36.1	-21.7	0	38.13	-	-	74	-35.87	-	-	0-360	100	V
4	* 11.491	31.15	PK	38.3	-17.5	0	51.95	-	-	74	-22.05	-	-	0-360	200	V
6	17.233	23.02	PK	41.2	-15.2	0	49.02	-	-	-	-	68.2	-19.18	0-360	200	V

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

PK – Peak Detector

Radiated Emissions

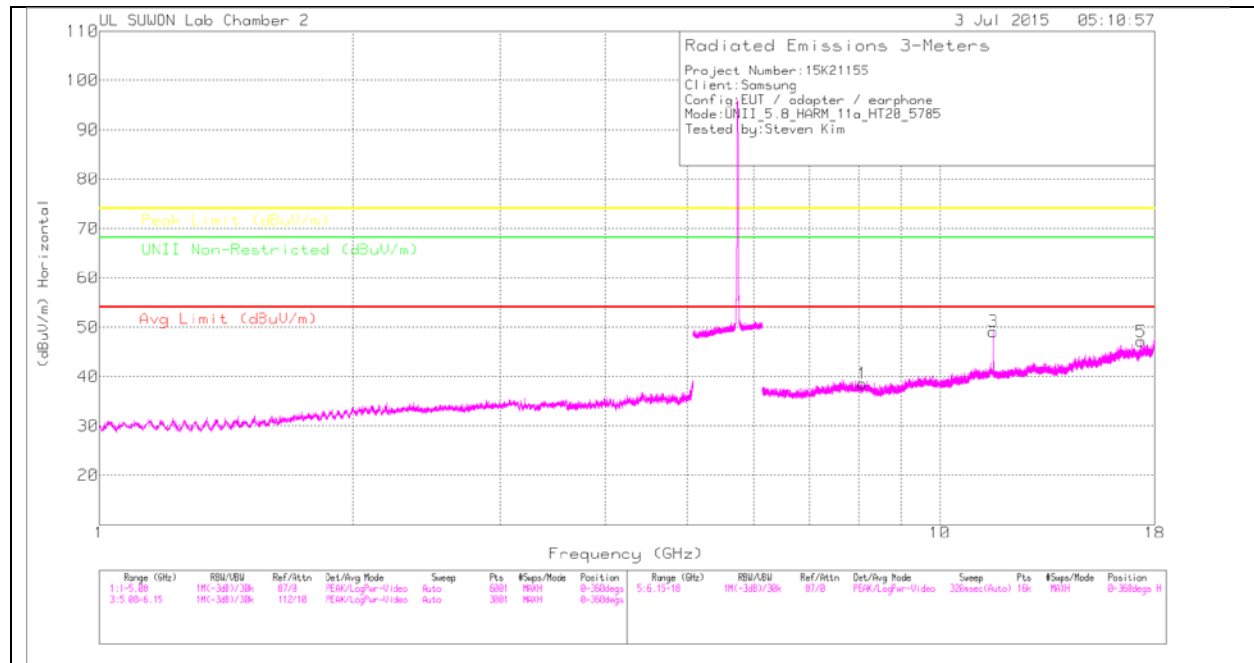
Frequency (GHz)	Meter Reading (dBuV)	Det	3117(0016872 4)_150619	Path_5	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	UNII Non-Restricted (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
* 11.49	37.07	PK-U	38.3	-17.5	0	57.87	-	-	74	-16.13	-	-	305	183	H
* 11.49	29.38	ADR	38.3	-17.5	.3	50.48	54	-3.52	-	-	-	-	305	183	H
* 11.49	37.16	PK-U	38.3	-17.5	0	57.96	-	-	74	-16.04	-	-	207	158	V
* 11.49	27.13	ADR	38.3	-17.5	.3	48.23	54	-5.77	-	-	-	-	207	158	V
17.239	34.88	PK-U	41.2	-15.2	0	60.88	-	-	-	-	68.2	-7.32	171	162	H
17.237	37.11	PK-U	41.2	-15.2	0	63.11	-	-	-	-	68.2	-5.09	192	271	V

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

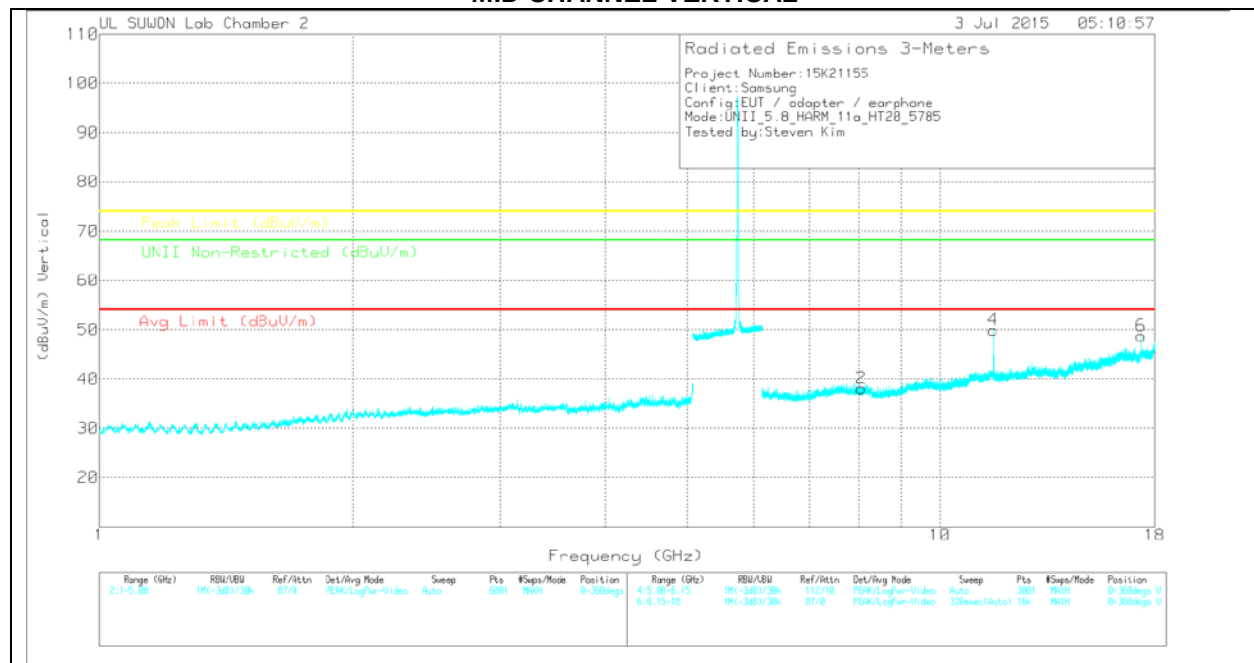
PK-U - U-NII: Maximum Peak

ADR - U-NII AD primary method, RMS average

MID CHANNEL HORIZONTAL



MID CHANNEL VERTICAL



Note: Emission was scanned up to 40GHz; No emissions were detected above the noise floor which was at least 20dB below the specification limit.

MID CHANNEL DATA

TRACE MARKERS

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	3117/0015 8724_150 619	Path_5	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	UNII Non-Restricted (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 8.079	23.8	PK	36	-21.2	0	38.6	-	-	74	-35.4	-	-	0-360	100	H
3	* 11.571	28.22	PK	38.4	-17.5	0	49.12	-	-	74	-24.88	-	-	0-360	200	H
5	17.359	20.91	PK	41.2	-15	0	47.11	-	-	-	-	68.2	-21.09	0-360	200	H
2	* 8.063	23.23	PK	36	-21.1	0	38.13	-	-	74	-35.87	-	-	0-360	200	V
4	* 11.571	29.06	PK	38.4	-17.5	0	49.96	-	-	74	-24.04	-	-	0-360	200	V
6	17.356	22.68	PK	41.2	-15.1	0	48.78	-	-	-	-	68.2	-19.42	0-360	200	V

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

PK – Peak Detector

Radiated Emissions

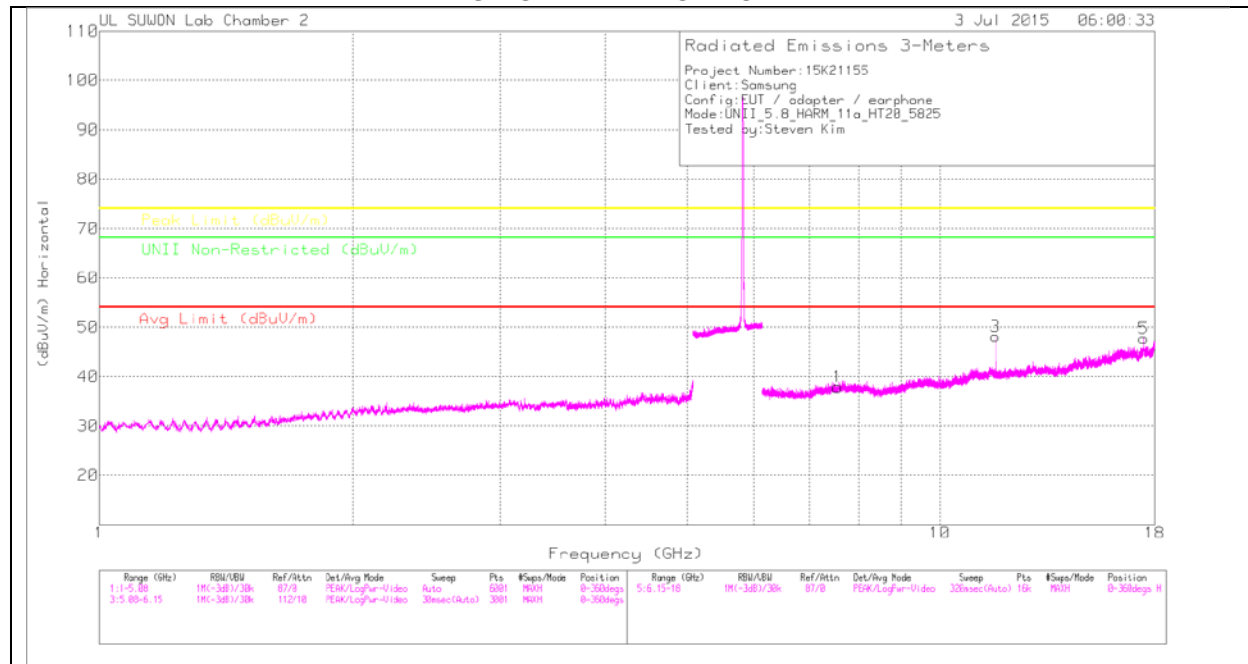
Frequency (GHz)	Meter Reading (dBuV)	Det	3117/0016872 4_150619	Path_5	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	UNII Non-Restricted (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
* 11.57	37.11	PK-U	38.4	-17.5	0	58.01	-	-	74	-15.99	-	-	304	155	H
* 11.57	30.85	ADR	38.4	-17.5	.3	52.05	54	-1.95	-	-	-	-	304	155	H
* 11.571	36.34	PK-U	38.4	-17.5	0	57.24	-	-	74	-16.76	-	-	206	294	V
* 11.57	27.71	ADR	38.4	-17.5	.3	48.91	54	-5.09	-	-	-	-	206	294	V
17.357	32.55	PK-U	41.2	-15.1	0	58.65	-	-	-	-	68.2	-9.55	0	178	H
17.357	35.93	PK-U	41.2	-15.1	0	62.03	-	-	-	-	68.2	-6.17	237	163	V

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

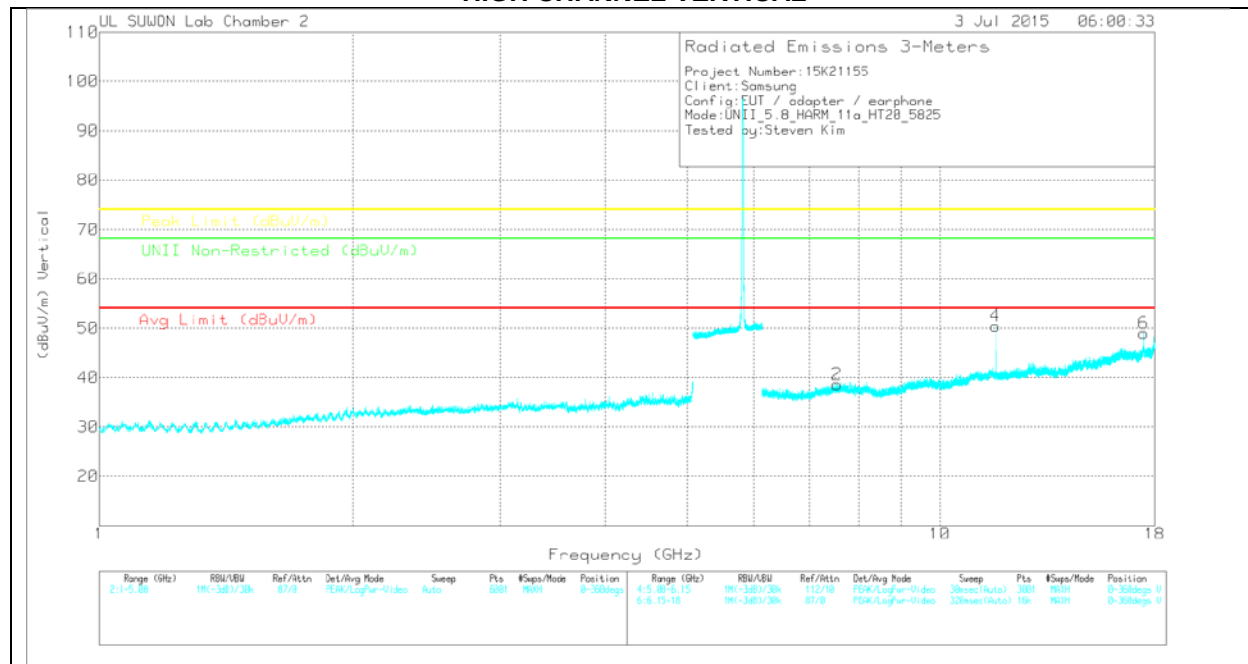
PK-U - U-NII: Maximum Peak

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	* 7.562	23.5	PK	36.1	-21.7	0	37.9	-	-	74	-36.1	-	-	0-360	200	H
3	* 11.651	27.12	PK	38.4	-17.4	0	48.12	-	-	74	-25.88	-	-	0-360	200	H
5	17.479	20.81	PK	41.3	-14.4	0	47.71	-	-	-	-	68.2	-20.49	0-360	200	H
2	* 7.543	24.31	PK	36.1	-21.8	0	38.61	-	-	74	-35.39	-	-	0-360	100	V
4	* 11.651	29.45	PK	38.4	-17.4	0	50.45	-	-	74	-23.55	-	-	0-360	200	V
6	17.477	22.08	PK	41.3	-14.4	0	48.98	-	-	-	-	68.2	-19.22	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
* 11.65	37.66	PK-U	38.4	-17.4	0	58.66	-	-	74	-15.34	-	-	302	178	H
* 11.65	30.45	ADR	38.4	-17.4	.3	51.75	54	-2.25	-	-	-	-	302	178	H
* 11.65	36.24	PK-U	38.4	-17.4	0	57.24	-	-	74	-16.76	-	-	197	293	V
* 11.65	27.3	ADR	38.4	-17.4	.3	48.6	54	-5.4	-	-	-	-	197	293	V
17.477	37.21	PK-U	41.3	-14.4	0	64.11	-	-	-	-	68.2	-4.09	196	359	V
17.479	30.42	PK-U	41.3	-14.4	0	57.32	-	-	-	-	68.2	-10.88	315	162	H

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

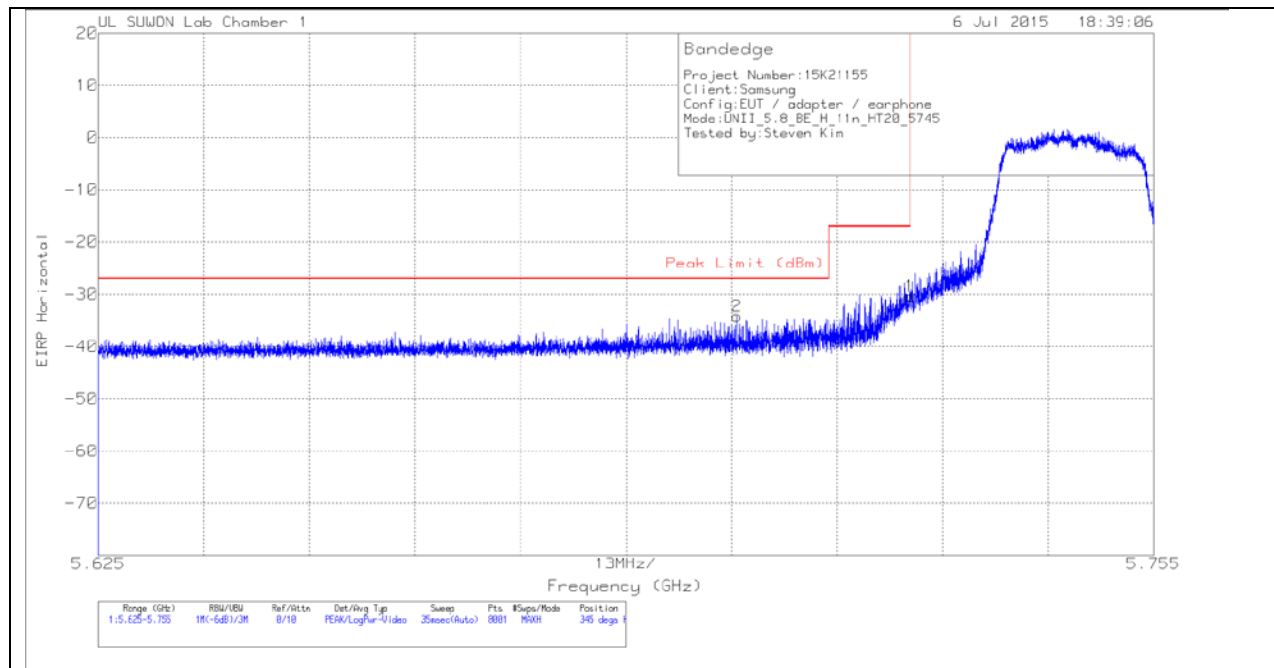
PK-U - U-NII: Maximum Peak

ADR - U-NII AD primary method, RMS average

11.4.2. TX ABOVE 1GHz 802.11n HT20 2TX CDD MODE IN THE 5.8GHz BAND

HARMONICS AND SPURIOUS EMISSIONS

HORIZONTAL PEAK PLOT



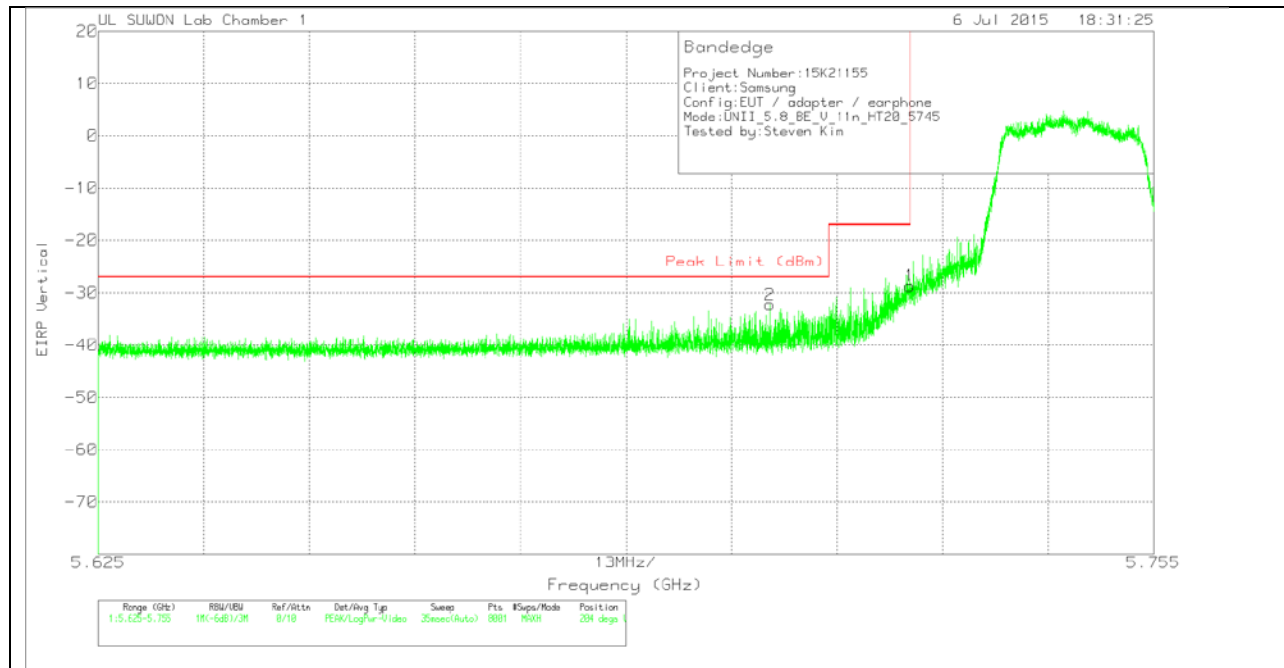
HORIZONTAL DATA

TRACE MARKERS

Marker	Frequency (GHz)	Meter Reading (dBm)	Det	3117(0016 8717)_150 619	Path_2_10 dB	Conversion Factor (dB)	DC Corr (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.725	-58.17	Pk	34.8	-18.8	11.8	0	-30.37	-17	-13.37	345	308	H
2	5.704	-61.92	Pk	34.8	-18.9	11.8	0	-34.22	-27	-7.22	345	308	H

Pk - Peak detector

VERTICAL PEAK PLOT



VERTICAL DATA

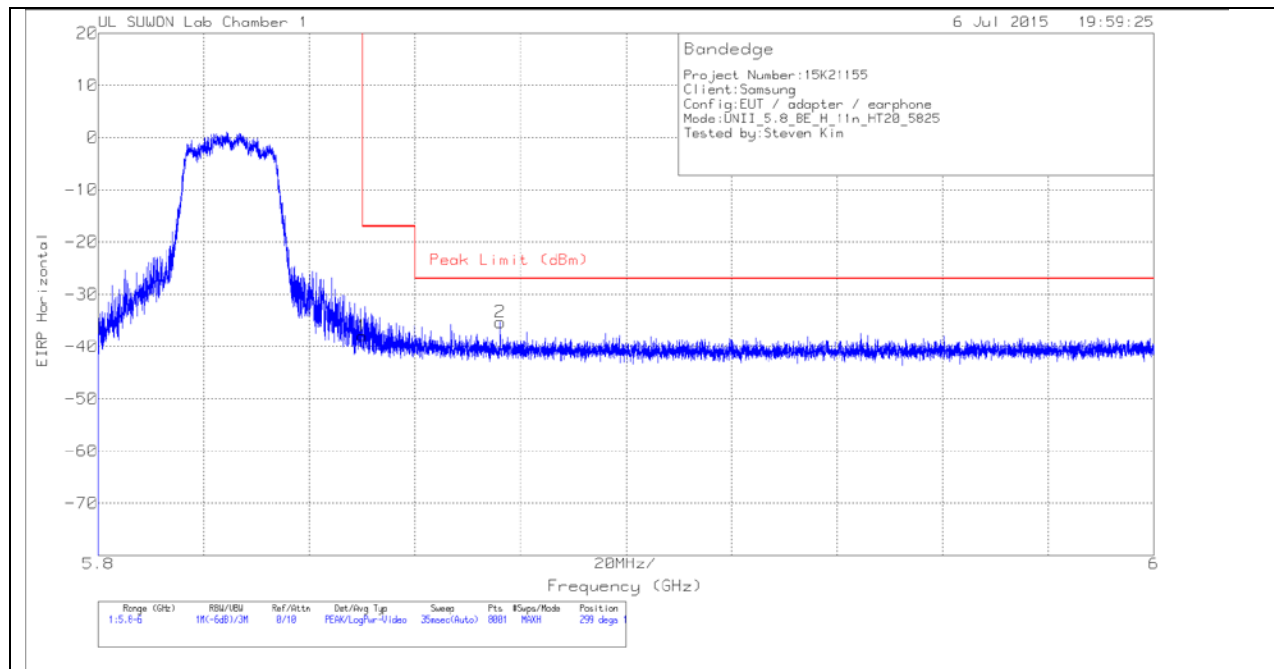
TRACE MARKERS

Marker	Frequency (GHz)	Meter Reading (dBm)	Det	3117(0016 8717)_150 619	Path_2_10 dB	Conversion Factor (dB)	DC Corr (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.725	-56.52	Pk	34.8	-18.8	11.8	0	-28.72	-17	-11.72	204	216	V
2	5.708	-59.99	Pk	34.8	-18.9	11.8	0	-32.29	-27	-5.29	204	216	V

Pk - Peak detector

AUTHORIZED BANDEDGE (HIGH CHANNEL)

HORIZONTAL PEAK AND AVERAGE PLOT



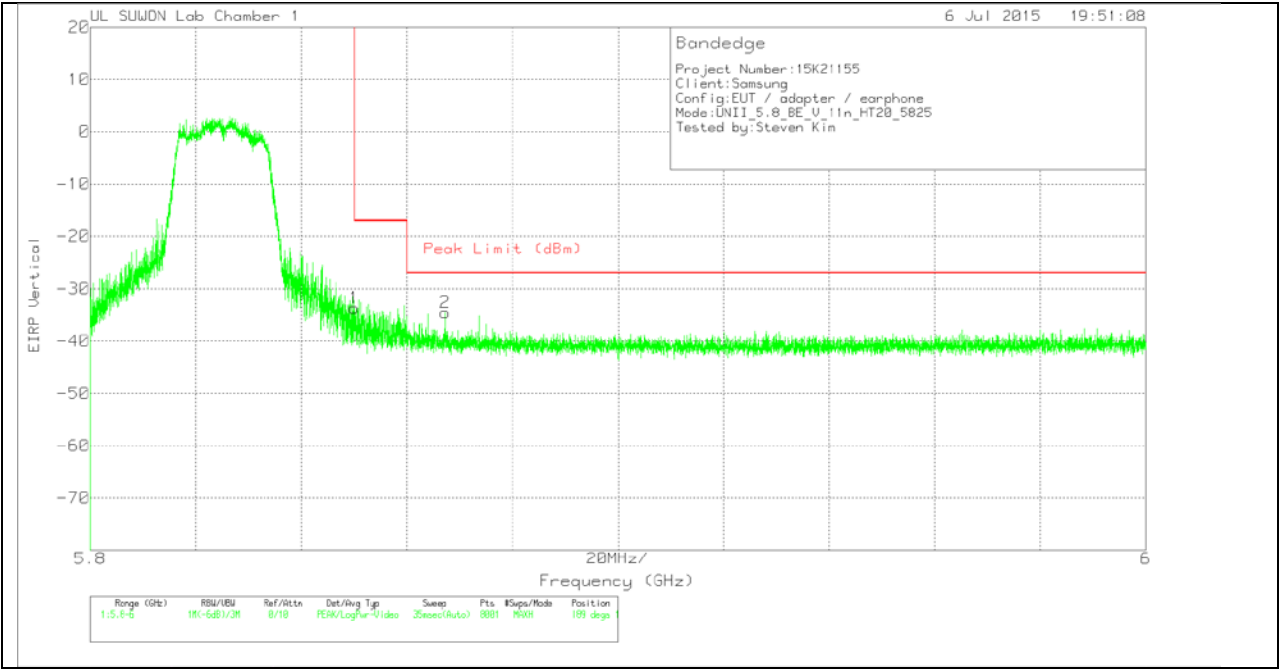
HORIZONTAL DATA

TRACE MARKERS

Marker	Frequency (GHz)	Meter Reading (dBm)	Det	3117(0016 8717)_150 619	Path_2_10 dB	Conversion Factor (dB)	DC Corr (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.85	-65.76	Pk	34.9	-18.9	11.8	0	-37.96	-17	-20.96	299	100	H
2	5.876	-63.14	Pk	34.9	-18.9	11.8	0	-35.34	-27	-8.34	299	100	H

Pk - Peak detector

VERTICAL PEAK PLOT



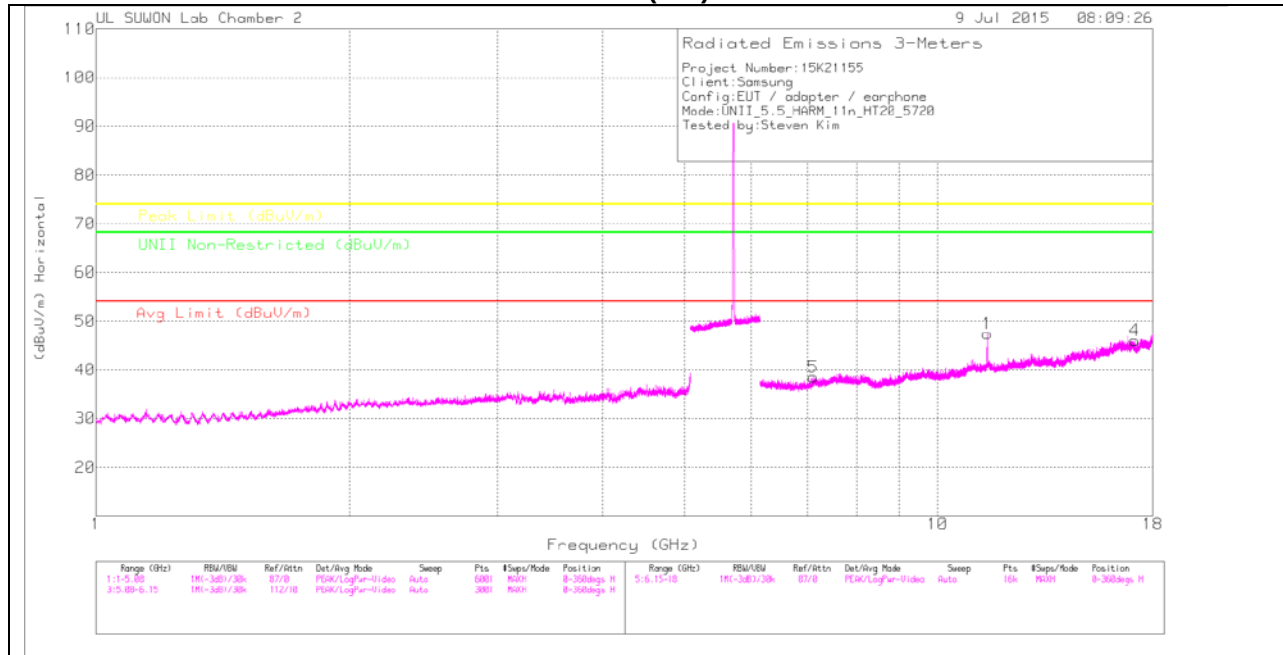
VERTICAL DATA

TRACE MARKERS

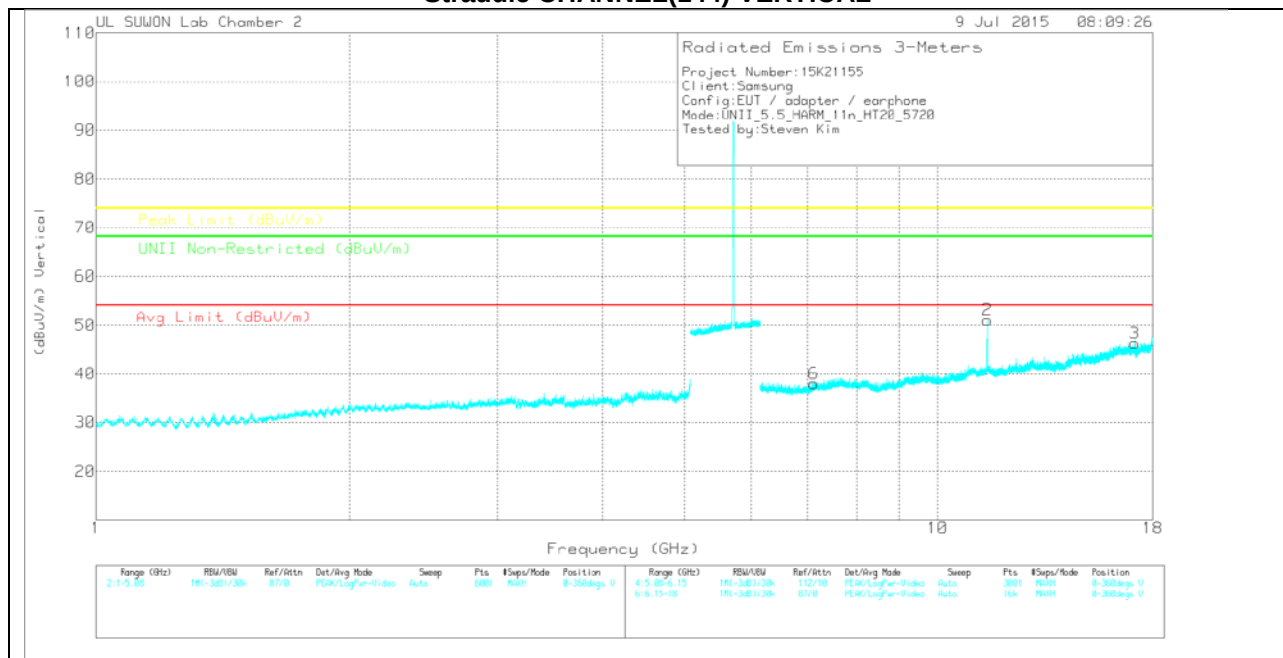
Marker	Frequency (GHz)	Meter Reading (dBm)	Det	3117(0016 8717)_150 619	Path_2_10 dB	Conversion Factor (dB)	DC Corr (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.85	-61.48	Pk	34.9	-18.9	11.8	0	-33.68	-17	-16.68	189	101	V
2	5.867	-62.34	Pk	34.9	-18.9	11.8	0	-34.54	-27	-7.54	189	101	V

Pk - Peak detector

Straddle CHANNEL(144) HORIZONTAL



Straddle CHANNEL(144) VERTICAL



Note: Emission was scanned up to 40GHz; No emissions were detected above the noise floor which was at least 20dB below the specification limit.

Straddle CHANNEL(144) DATA

TRACE MARKERS

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	3117(0016 8724)_150 619	Path_5	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	UNII Non-Restricted (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 11.44	26.54	PK	38.3	-17.4	0	47.44	-	-	74	-26.56	-	-	0-360	200	H
4	17.156	20.28	PK	41.1	-15.3	0	46.08	-	-	-	-	68.2	-22.12	0-360	200	H
5	7.114	25.44	PK	35.7	-22.6	0	38.54	-	-	-	-	68.2	-29.66	0-360	100	H
2	* 11.44	30.2	PK	38.3	-17.4	0	51.1	-	-	74	-22.9	-	-	0-360	200	V
3	17.159	20.44	PK	41.1	-15.3	0	46.24	-	-	-	-	68.2	-21.96	0-360	200	V
6	7.119	24.94	PK	35.7	-22.6	0	38.04	-	-	-	-	68.2	-30.16	0-360	99	V

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

PK – Peak detector

Radiated Emissions

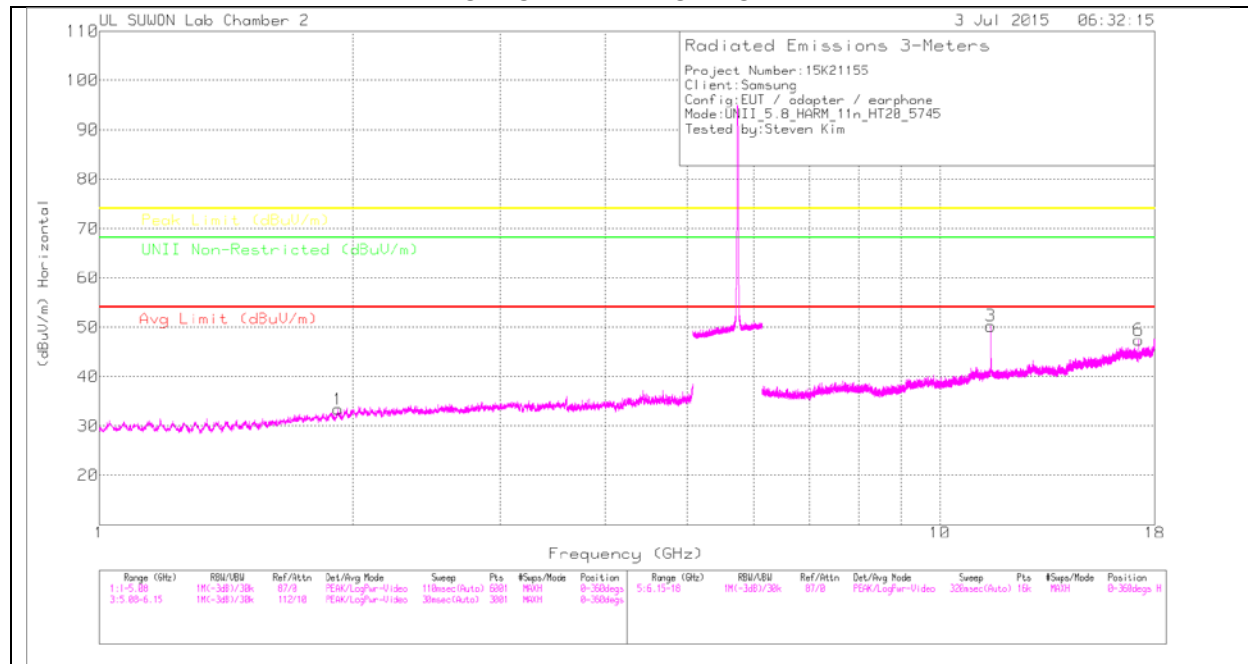
Frequency (GHz)	Meter Reading (dBuV)	Det	3117(0016872 4)_150619	Path_5	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	UNII Non-Restricted (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
* 11.44	37.32	PK-U	38.3	-17.4	0	58.22	-	-	74	-15.78	-	-	290	354	H
* 11.44	28.7	ADR	38.3	-17.4	.32	49.92	54	-4.08	-	-	-	-	290	354	H
* 11.44	38.44	PK-U	38.3	-17.4	0	59.34	-	-	74	-14.66	-	-	146	391	V
* 11.44	31.09	ADR	38.3	-17.4	.32	52.31	54	-1.69	-	-	-	-	146	391	V

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

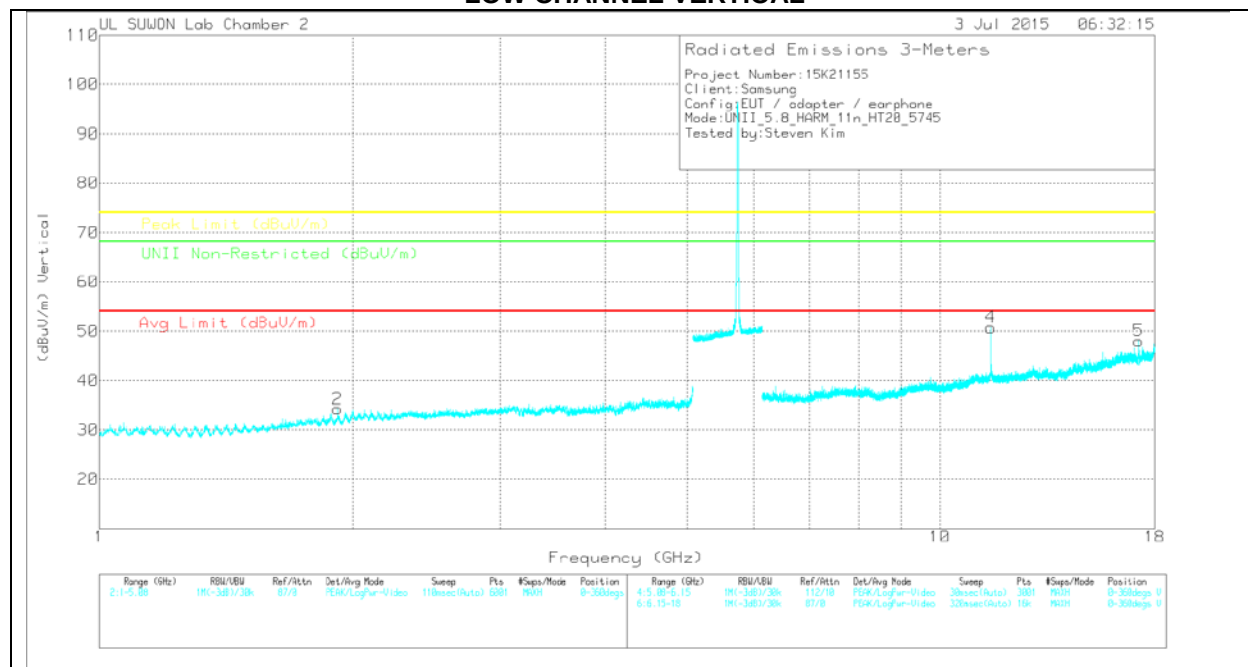
PK-U - U-NII: Maximum Peak

ADR - U-NII AD primary method, RMS average

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_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	1.923	29.56	PK	30.8	-27	0	33.36	-	-	-	-	68.2	-34.84	0-360	99	H
2	1.921	30.55	PK	30.7	-27	0	34.25	-	-	-	-	68.2	-33.95	0-360	200	V
3	* 11.491	29.45	PK	38.3	-17.5	0	50.25	-	-	74	-23.75	-	-	0-360	200	H
6	17.236	21.4	PK	41.2	-15.2	0	47.4	-	-	-	-	68.2	-20.8	0-360	200	H
4	* 11.491	29.95	PK	38.3	-17.5	0	50.75	-	-	74	-23.25	-	-	0-360	200	V
5	17.242	22.06	PK	41.2	-15.2	0	48.06	-	-	-	-	68.2	-20.14	0-360	200	V

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

PK – Peak Detector

Radiated Emissions

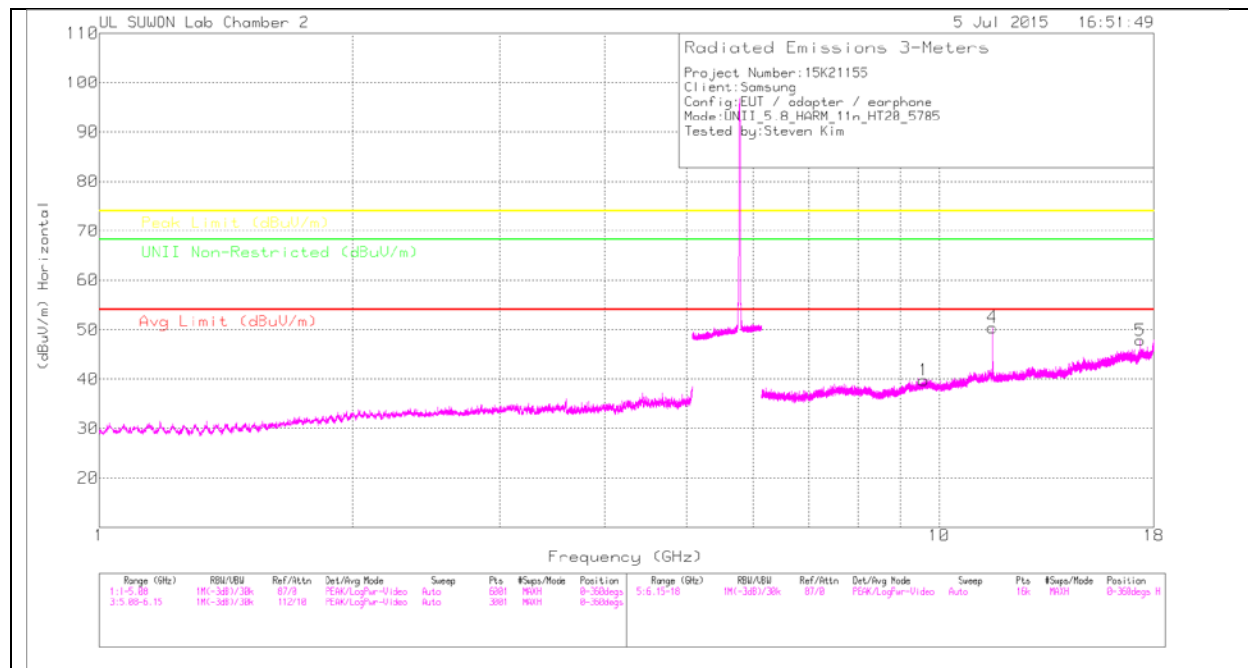
Frequency (GHz)	Meter Reading (dBuV)	Det	3117/001687 24_150619	Path_5	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	UNII Non-Restricted (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
* 11.49	37.32	PK-U	38.3	-17.5	0	58.12	-	-	74	-15.88	-	-	303	156	H
* 11.49	30.39	ADR	38.3	-17.5	.32	51.51	54	-2.49	-	-	-	-	303	156	H
17.235	30.63	PK-U	41.2	-15.2	0	56.63	-	-	-	-	68.2	-11.57	320	167	H
* 11.491	36.09	PK-U	38.3	-17.5	0	56.89	-	-	74	-17.11	-	-	289	329	H
* 11.49	29.48	ADR	38.3	-17.5	.32	50.6	54	-3.4	-	-	-	-	289	329	H
17.24	31.81	PK-U	41.2	-15.2	0	57.81	-	-	-	-	68.2	-10.39	139	335	H

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

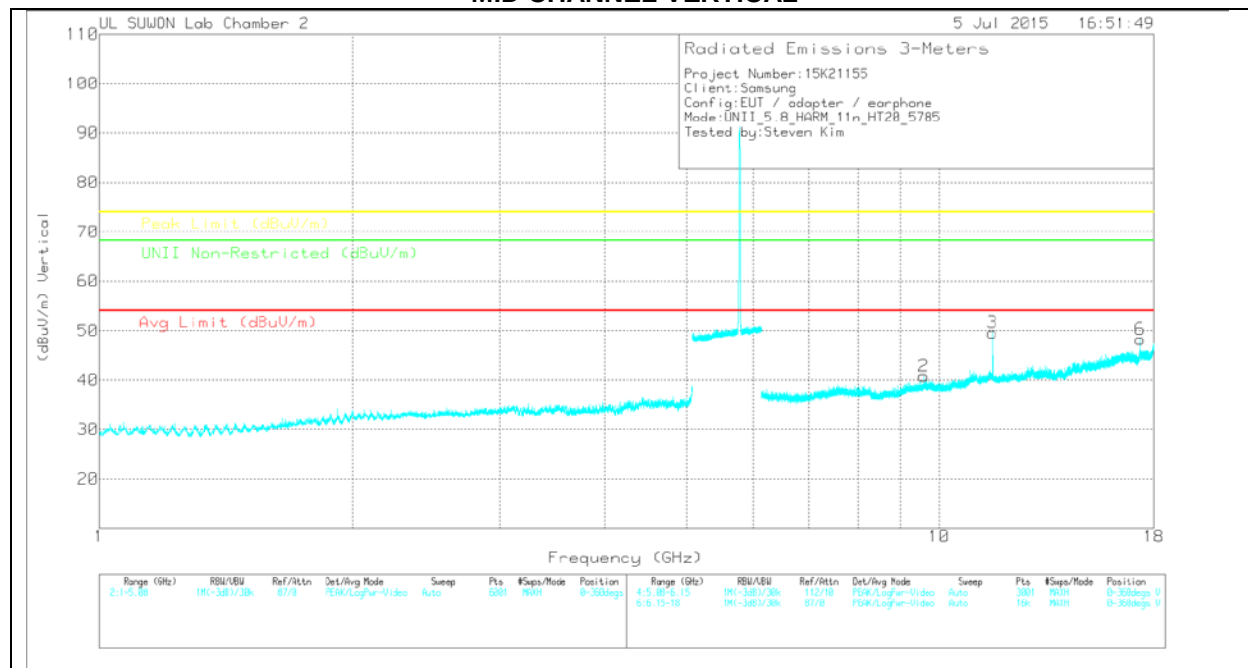
PK-U - U-NII: Maximum Peak

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(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
1	9.578	22.18	PK	36.8	-19.2	0	39.78	-	-	-	-	68.2	-28.42	0-360	200	H
4	* 11.571	29.53	PK	38.4	-17.5	0	50.43	-	-	74	-23.57	-	-	0-360	200	H
5	17.354	21.75	PK	41.2	-15.1	0	47.85	-	-	-	-	68.2	-20.35	0-360	200	H
2	9.578	23.22	PK	36.8	-19.2	0	40.82	-	-	-	-	68.2	-27.38	0-360	100	V
3	* 11.571	28.7	PK	38.4	-17.5	0	49.6	-	-	74	-24.4	-	-	0-360	200	V
6	17.348	22.18	PK	41.2	-15.1	0	48.28	-	-	-	-	68.2	-19.92	0-360	200	V

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

PK – Peak Detector

Radiated Emissions

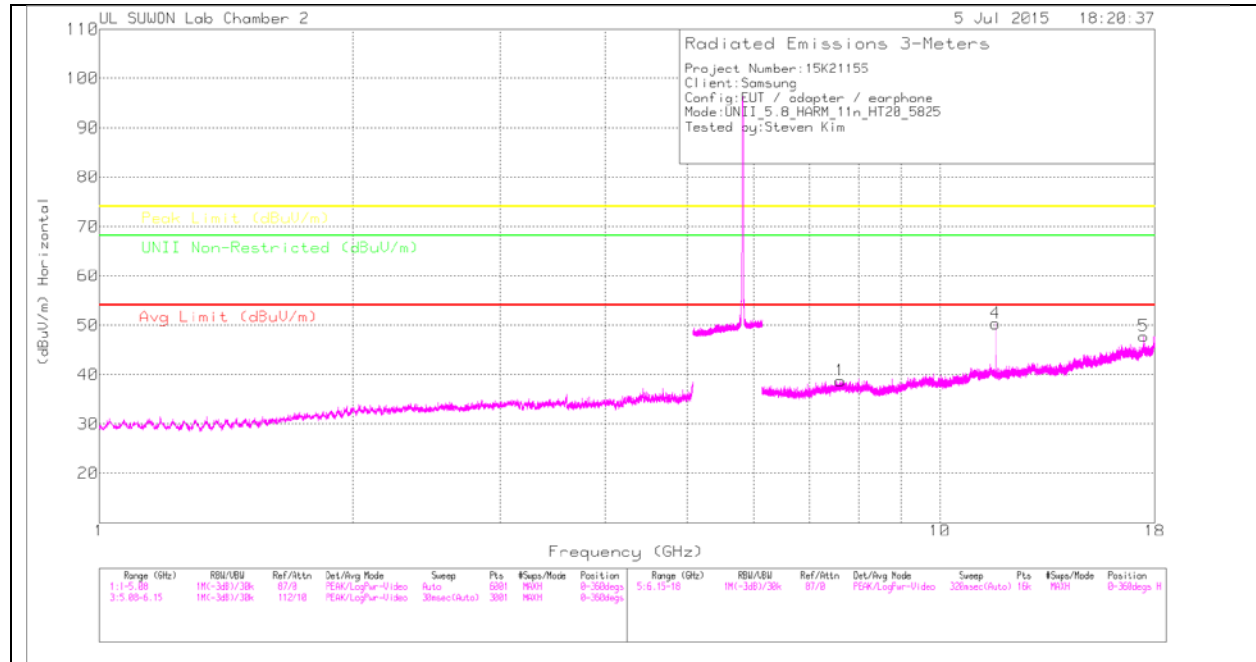
Frequency (GHz)	Meter Reading (dBuV)	Det	3117(0016872 4)_150619	Path_5	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	UNII Non-Restricted (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
* 11.57	37.56	PK-U	38.4	-17.5	0	58.46	-	-	74	-15.54	-	-	297	314	H
* 11.57	26.82	ADR	38.4	-17.5	.32	48.04	54	-5.96	-	-	-	-	297	314	H
17.355	31.6	PK-U	41.2	-15.1	0	57.7	-	-	-	-	68.2	-10.5	173	229	H
17.349	33.2	PK-U	41.2	-15.1	0	59.3	-	-	-	-	68.2	-8.9	137	185	V
* 11.57	37.11	PK-U	38.4	-17.5	0	58.01	-	-	74	-15.99	-	-	143	189	V
* 11.57	28.31	ADR	38.4	-17.5	.32	49.53	54	-4.47	-	-	-	-	143	189	V

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

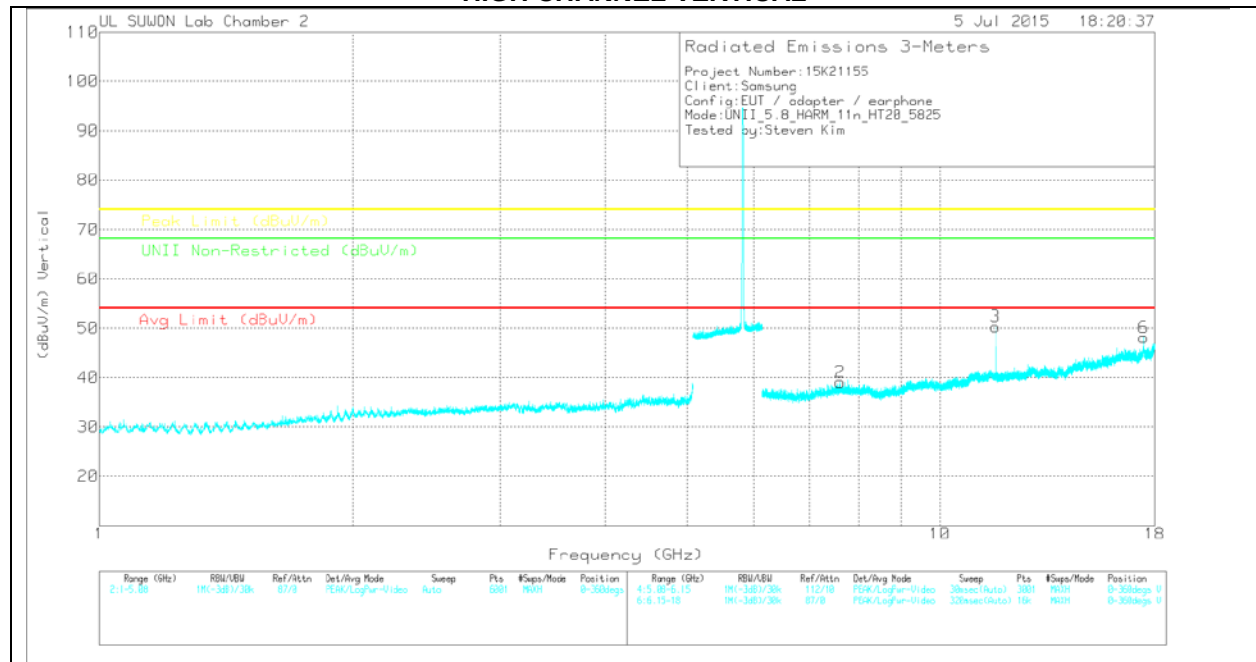
PK-U - U-NII: Maximum Peak

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	* 7.616	24.27	PK	36.1	-21.6	0	38.77	-	-	74	-35.23	-	-	0-360	200	H
4	* 11.651	29.36	PK	38.4	-17.4	0	50.36	-	-	74	-23.64	-	-	0-360	200	H
5	17.475	21	PK	41.3	-14.5	0	47.8	-	-	-	-	68.2	-20.4	0-360	200	H
2	* 7.611	24.55	PK	36.1	-21.6	0	39.05	-	-	74	-34.95	-	-	0-360	200	V
3	* 11.651	29.3	PK	38.4	-17.4	0	50.3	-	-	74	-23.7	-	-	0-360	200	V
6	17.479	21.22	PK	41.3	-14.4	0	48.12	-	-	-	-	68.2	-20.08	0-360	200	V

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

PK – Peak Detector

Radiated Emissions

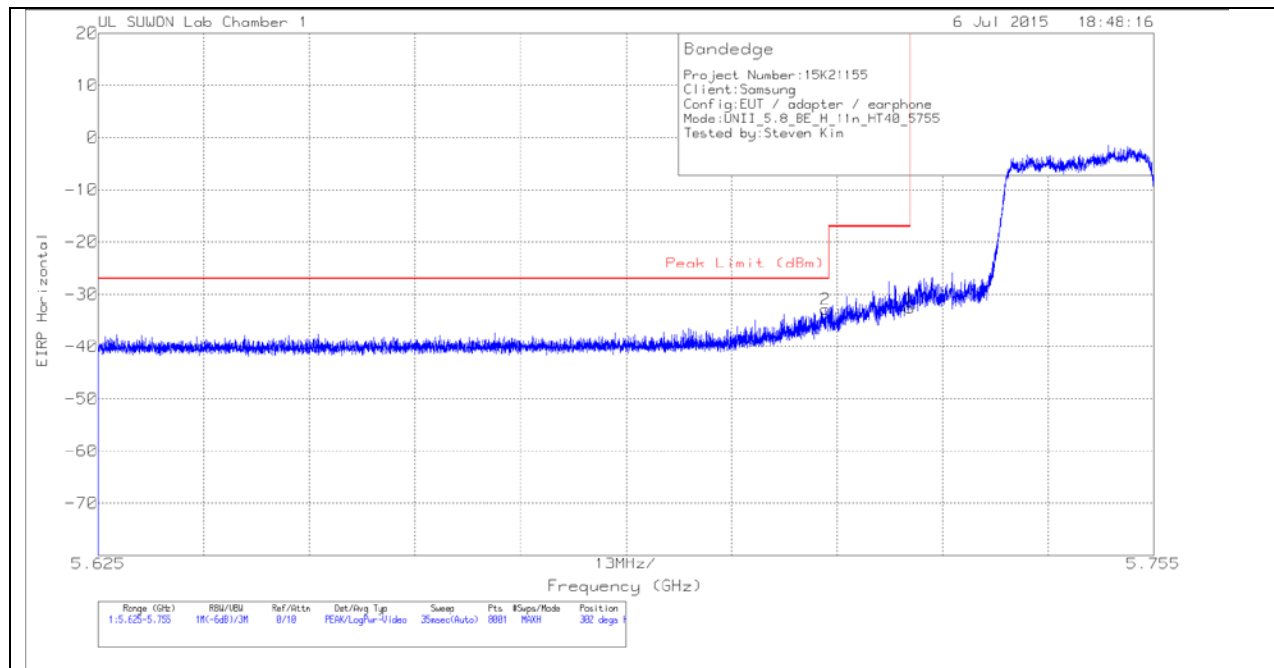
Frequency (GHz)	Meter Reading (dBuV)	Det	3117(0016872 4)_150619	Path_5	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	UNII Non-Restricted (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
* 11.65	38.12	PK-U	38.4	-17.4	0	59.12	-	-	74	-14.88	-	-	294	273	H
* 11.65	29.29	ADR	38.4	-17.4	.32	50.61	54	-3.39	-	-	-	-	294	273	H
17.474	34.5	PK-U	41.3	-14.5	0	61.3	-	-	-	-	68.2	-6.9	172	204	H
* 11.65	38.37	PK-U	38.4	-17.4	0	59.37	-	-	74	-14.63	-	-	185	204	V
* 11.65	27.37	ADR	38.4	-17.4	.32	48.69	54	-5.31	-	-	-	-	185	204	V
17.478	36.02	PK-U	41.3	-14.4	0	62.92	-	-	-	-	68.2	-5.28	151	300	V

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

PK-U - U-NII: Maximum Peak

ADR - U-NII AD primary method, RMS average

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



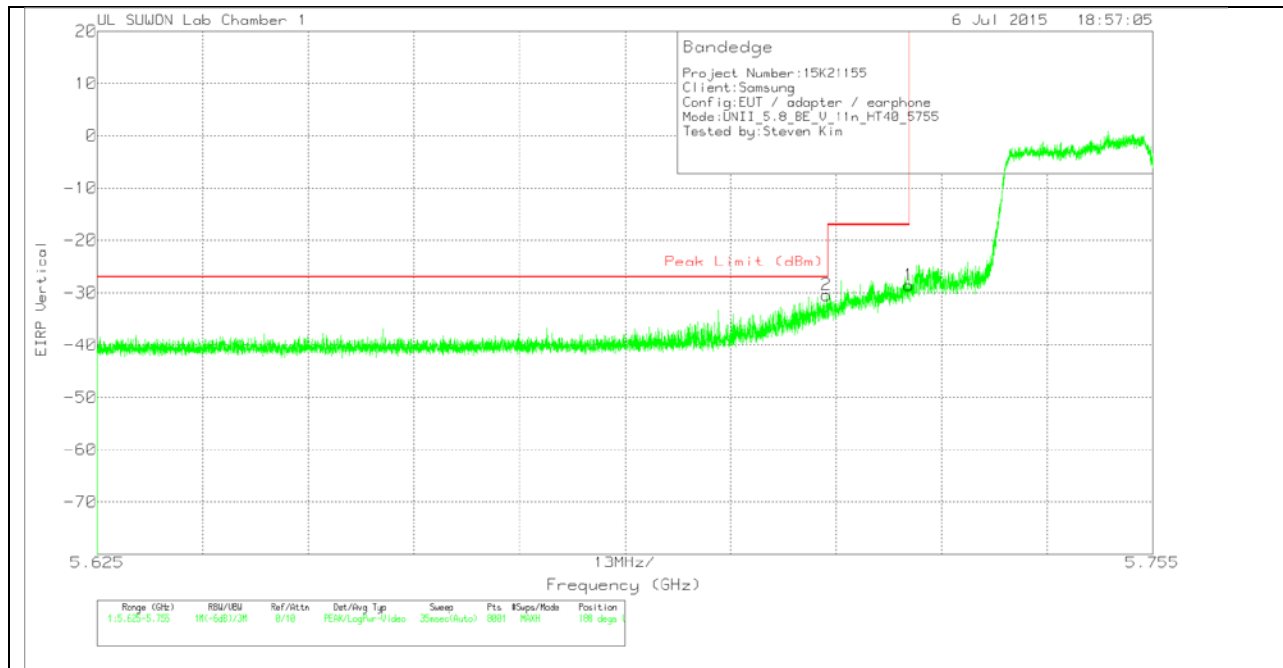
HORIZONTAL DATA

TRACE MARKERS

Marker	Frequency (GHz)	Meter Reading (dBm)	Det	3117(0016 8717)_150 619	Path_2_10 dB	Conversion Factor (dB)	DC Corr (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.725	-60.45	Pk	34.8	-18.8	11.8	0	-32.65	-17	-15.65	302	101	H
2	5.715	-60.68	Pk	34.8	-18.8	11.8	0	-32.88	-27	-5.88	302	101	H

Pk - Peak detector

VERTICAL PEAK PLOT



VERTICAL DATA

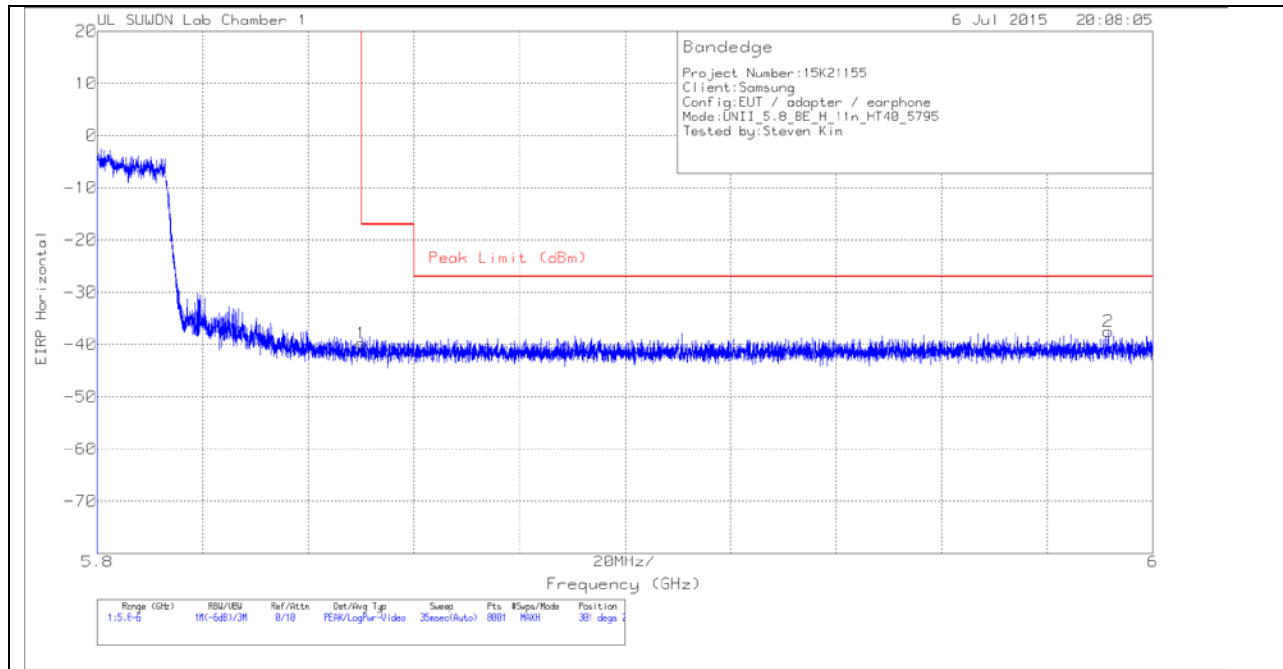
TRACE MARKERS

Marker	Frequency (GHz)	Meter Reading (dBm)	Det	3117(0016 8717)_150 619	Path_2_10 dB	Conversion Factor (dB)	DC Corr (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.725	-56.35	Pk	34.8	-18.8	11.8	0	-28.55	-17	-11.55	188	100	V
2	5.715	-58.21	Pk	34.8	-18.8	11.8	0	-30.41	-27	-3.41	188	100	V

Pk - Peak detector

AUTHORIZED BANDEDGE (HIGH CHANNEL)

HORIZONTAL PEAK PLOT



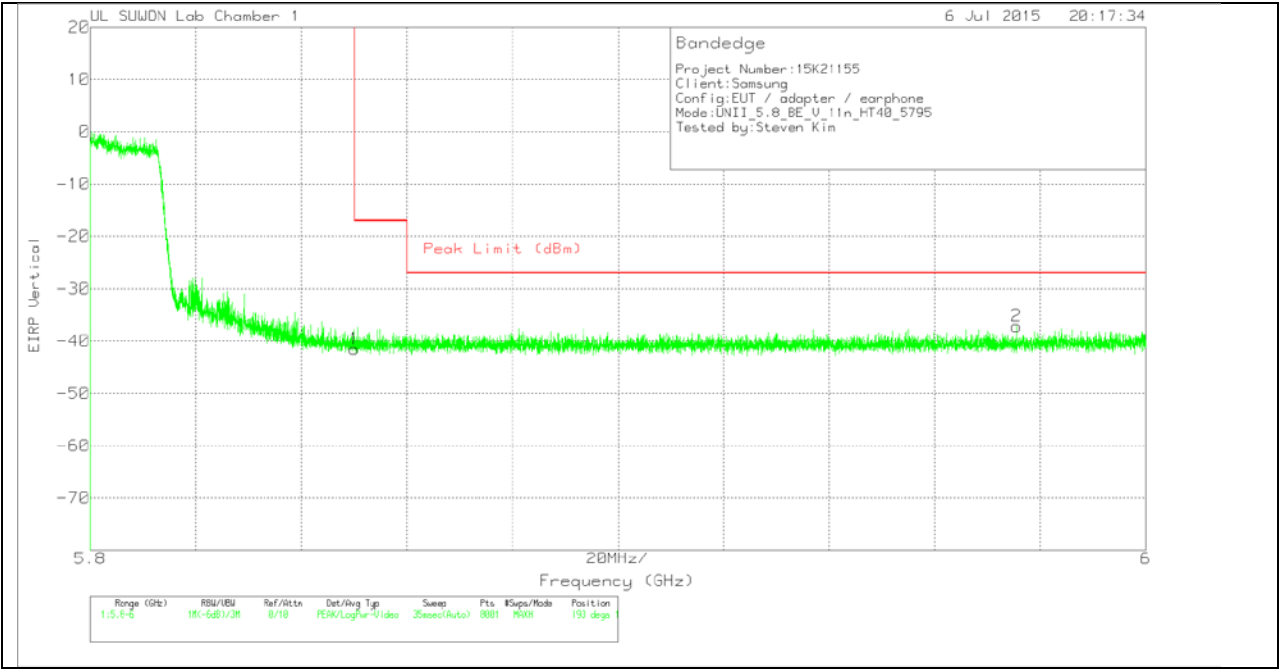
HORIZONTAL DATA

TRACE MARKERS

Marker	Frequency (GHz)	Meter Reading (dBm)	Det	3117(0016 8717)_150 619	Path_2_10 dB	Conversion Factor (dB)	DC Corr (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.85	-67.6	Pk	34.9	-18.9	11.8	0	-39.8	-17	-22.8	301	271	H
2	5.992	-65.55	Pk	34.9	-18.6	11.8	0	-37.45	-27	-10.45	301	271	H

Pk - Peak detector

VERTICAL PEAK PLOT



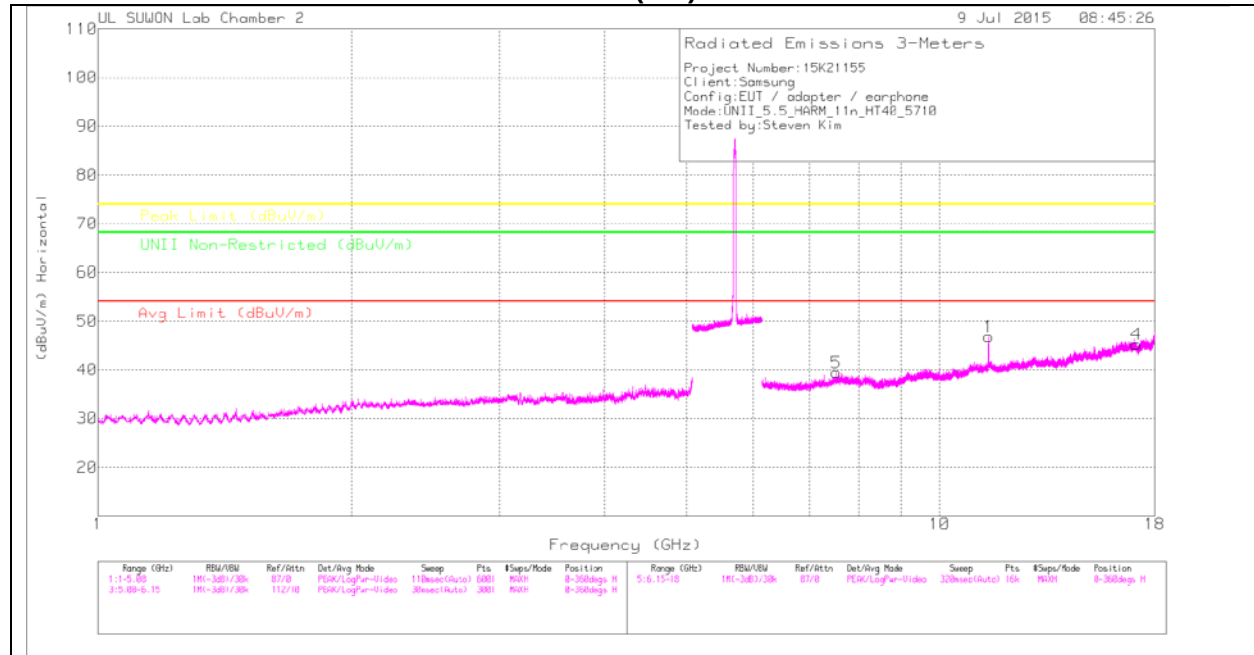
VERTICAL DATA

TRACE MARKERS

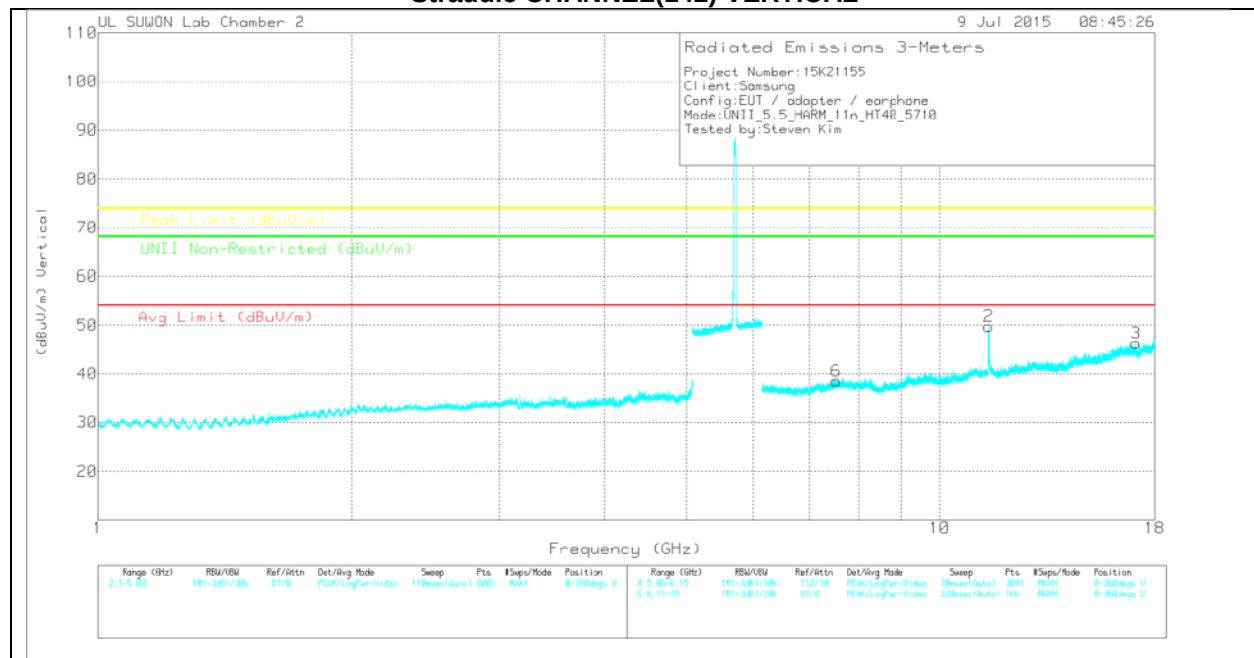
Marker	Frequency (GHz)	Meter Reading (dBm)	Det	3117(0016 8717)_150 619	Path_2_10 dB	Conversion Factor (dB)	DC Corr (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.85	-69.32	Pk	34.9	-18.9	11.8	0	-41.52	-17	-24.52	193	101	V
2	5.976	-65.24	Pk	34.9	-18.6	11.8	0	-37.14	-27	-10.14	193	101	V

Pk - Peak detector

Straddle CHANNEL(142) HORIZONTAL



Straddle CHANNEL(142) VERTICAL



Note: Emission was scanned up to 40GHz; No emissions were detected above the noise floor which was at least 20dB below the specification limit.

Straddle CHANNEL(142) DATA

TRACE MARKERS

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	3117(0016 8724)_150 619	Path_5	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	UNII Non-Restricted (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 11.42	25.76	PK	38.3	-17.3	0	46.76	-	-	74	-27.24	-	-	0-360	200	H
4	17.134	19.41	PK	41.1	-15.3	0	45.21	-	-	-	-	68.2	-22.99	0-360	200	H
5	* 7.544	25.11	PK	36.1	-21.8	0	39.41	-	-	74	-34.59	-	-	0-360	200	H
2	* 11.42	28.82	PK	38.3	-17.3	0	49.82	-	-	74	-24.18	-	-	0-360	200	V
3	17.131	20.42	PK	41.1	-15.3	0	46.22	-	-	-	-	68.2	-21.98	0-360	99	V
6	* 7.543	24.23	PK	36.1	-21.8	0	38.53	-	-	74	-35.47	-	-	0-360	200	V

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

PK – Peak detector

Radiated Emissions

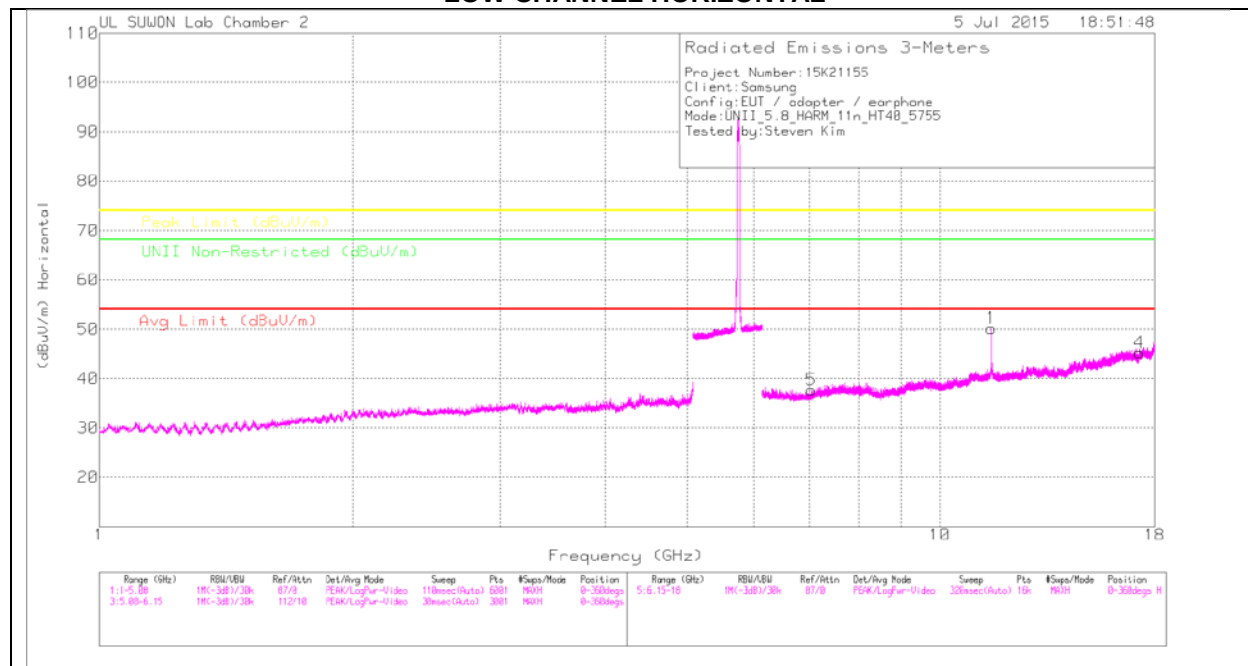
Frequency (GHz)	Meter Reading (dBuV)	Det	3117(0016872 4)_150619	Path_5	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	UNII Non-Restricted (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
* 11.42	34.57	PK-U	38.3	-17.3	0	55.57	-	-	74	-18.43	-	-	331	288	H
* 11.42	24.6	ADR	38.3	-17.3	.62	46.22	54	-7.78	-	-	-	-	331	288	H
* 11.42	38.02	PK-U	38.3	-17.3	0	59.02	-	-	74	-14.98	-	-	143	390	V
* 11.42	30.86	ADR	38.3	-17.3	.62	52.48	54	-1.52	-	-	-	-	143	390	V

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

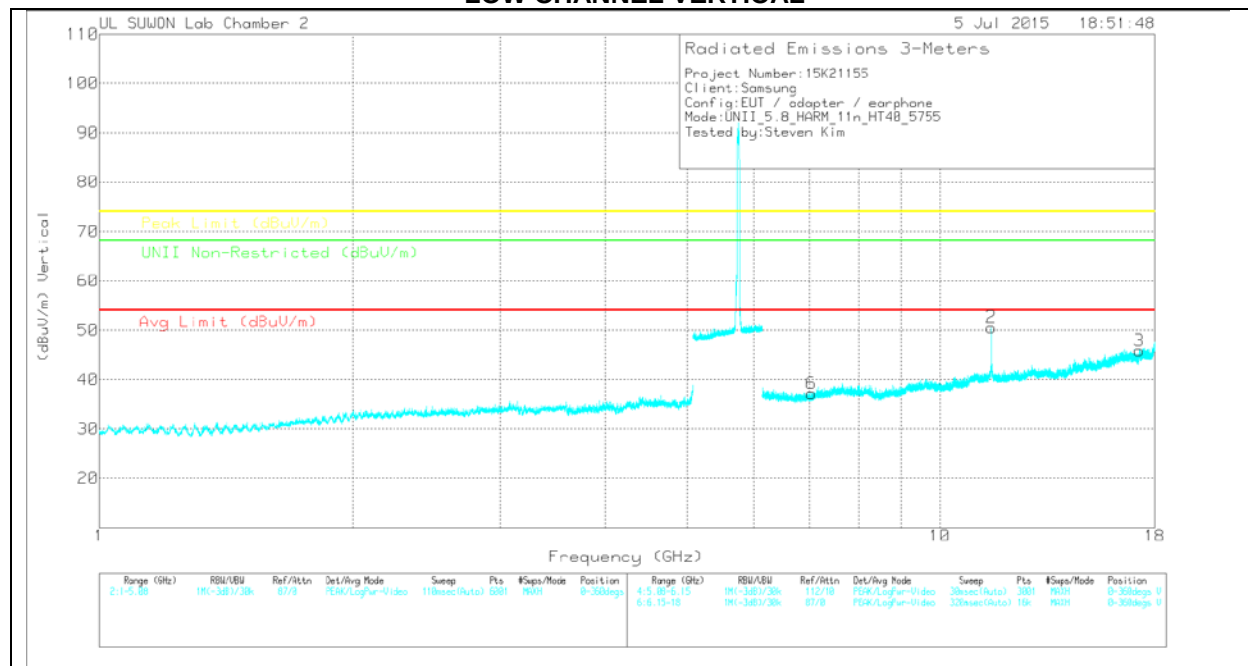
PK-U - U-NII: Maximum Peak

ADR - U-NII AD primary method, RMS average

LOW CHANNEL HORIZONTAL



LOW CHANNEL VERTICAL



Note: Emission was scanned up to 40GHz; No emissions were detected above the noise floor which was at least 20dB below the specification limit.

LOW CHANNEL DATA

TRACE MARKERS

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	3117(0016 8724)_150 619	Path_5	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	UNII Non-Restricted (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 11.51	29.41	PK	38.3	-17.5	0	50.21	-	-	74	-23.79	-	-	0-360	200	H
4	17.266	19.23	PK	41.2	-15.2	0	45.23	-	-	-	-	68.2	-22.97	0-360	200	H
5	7.027	23.9	PK	35.6	-21.8	0	37.7	-	-	-	-	68.2	-30.5	0-360	100	H
2	* 11.51	29.77	PK	38.3	-17.5	0	50.57	-	-	74	-23.43	-	-	0-360	200	V
3	17.267	19.85	PK	41.2	-15.2	0	45.85	-	-	-	-	68.2	-22.35	0-360	200	V
6	7.036	23.29	PK	35.6	-21.7	0	37.19	-	-	-	-	68.2	-31.01	0-360	100	V

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

PK – Peak detector

Radiated Emissions

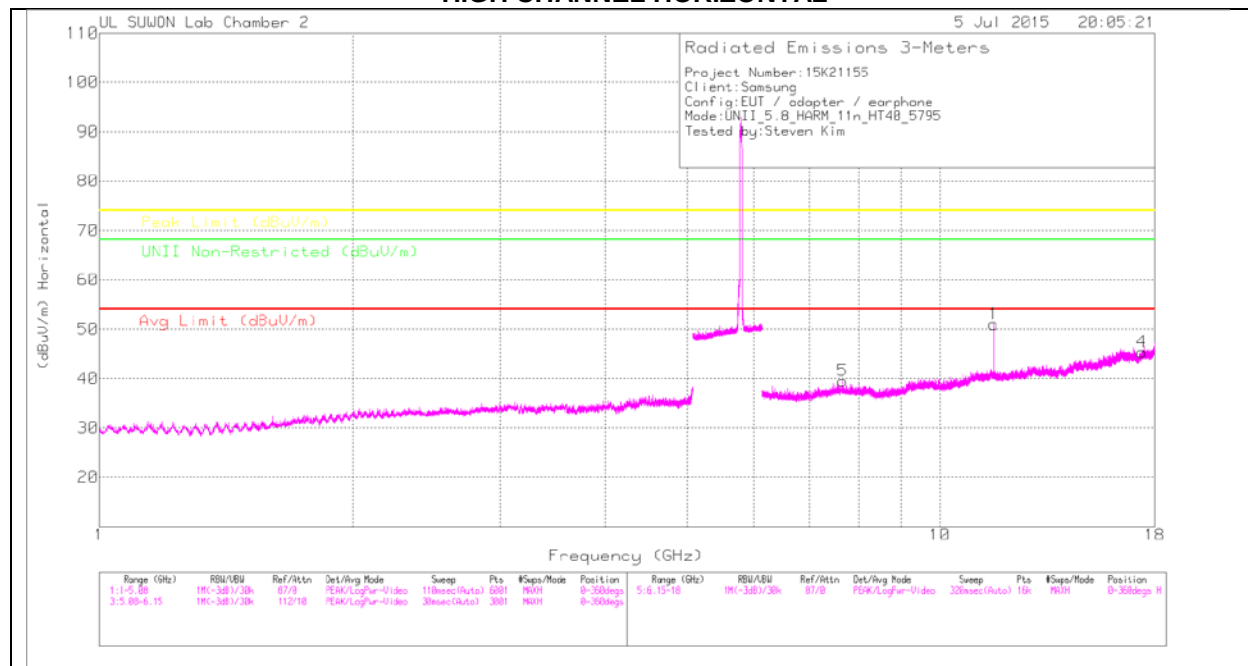
Frequency (GHz)	Meter Reading (dBuV)	Det	3117(0016872 4)_150619	Path_5	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	UNII Non-Restricted (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
* 11.51	35.38	PK-U	38.3	-17.5	0	56.18	-	-	74	-17.82	-	-	296	277	H
* 11.51	29.05	ADR	38.3	-17.5	.62	50.47	54	-3.53	-	-	-	-	296	277	H
* 11.51	35.65	PK-U	38.3	-17.5	0	56.45	-	-	74	-17.55	-	-	144	356	V
* 11.51	29.27	ADR	38.3	-17.5	.62	50.69	54	-3.31	-	-	-	-	144	356	V

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

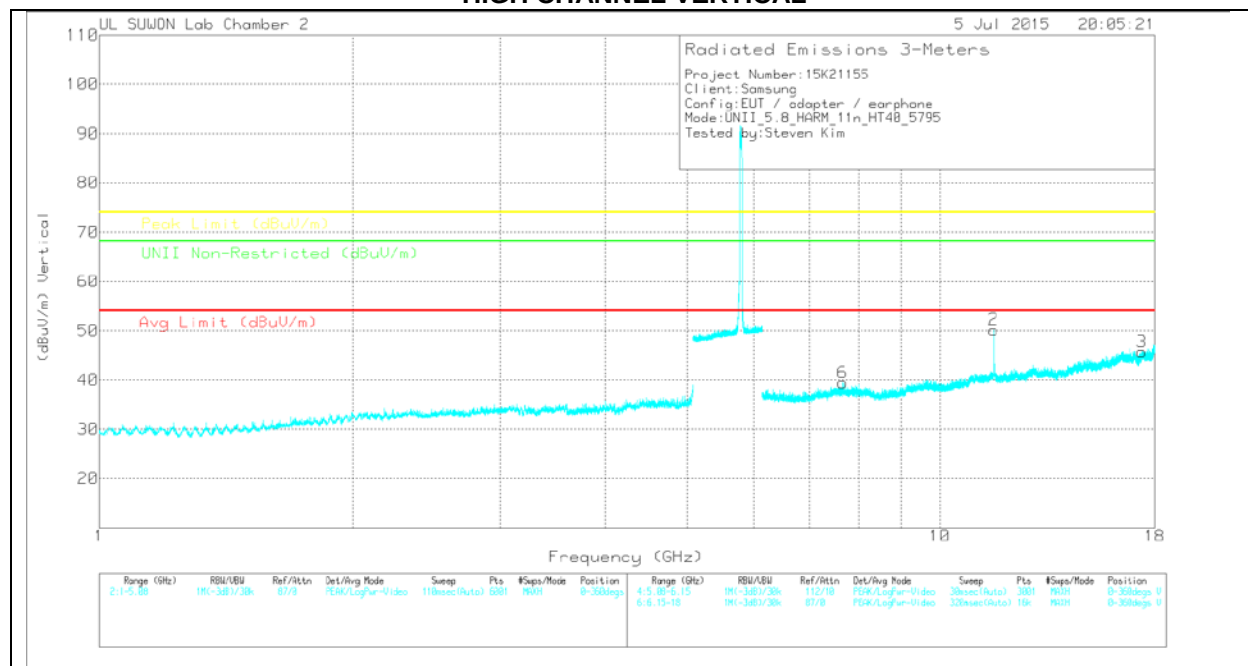
PK-U - U-NII: Maximum Peak

ADR - U-NII AD primary method, RMS average

HIGH CHANNEL HORIZONTAL



HIGH CHANNEL VERTICAL



Note: Emission was scanned up to 40GHz; No emissions were detected above the noise floor which was at least 20dB below the specification limit.

HIGH CHANNEL DATA

TRACE MARKERS

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	3117(0016 8724)_150 619	Path_5	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	UNII Non-Restricted (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 11.59	30.01	PK	38.4	-17.4	0	51.01	-	-	74	-22.99	-	-	0-360	200	H
4	17.387	19.07	PK	41.2	-14.9	0	45.37	-	-	-	-	68.2	-22.83	0-360	200	H
5	* 7.665	24.73	PK	36.1	-21.3	0	39.53	-	-	74	-34.47	-	-	0-360	200	H
2	* 11.59	29.21	PK	38.4	-17.4	0	50.21	-	-	74	-23.79	-	-	0-360	200	V
3	17.385	19.52	PK	41.2	-15	0	45.72	-	-	-	-	68.2	-22.48	0-360	200	V
6	* 7.66	24.63	PK	36.1	-21.3	0	39.43	-	-	74	-34.57	-	-	0-360	100	V

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

PK – Peak detector

Radiated Emissions

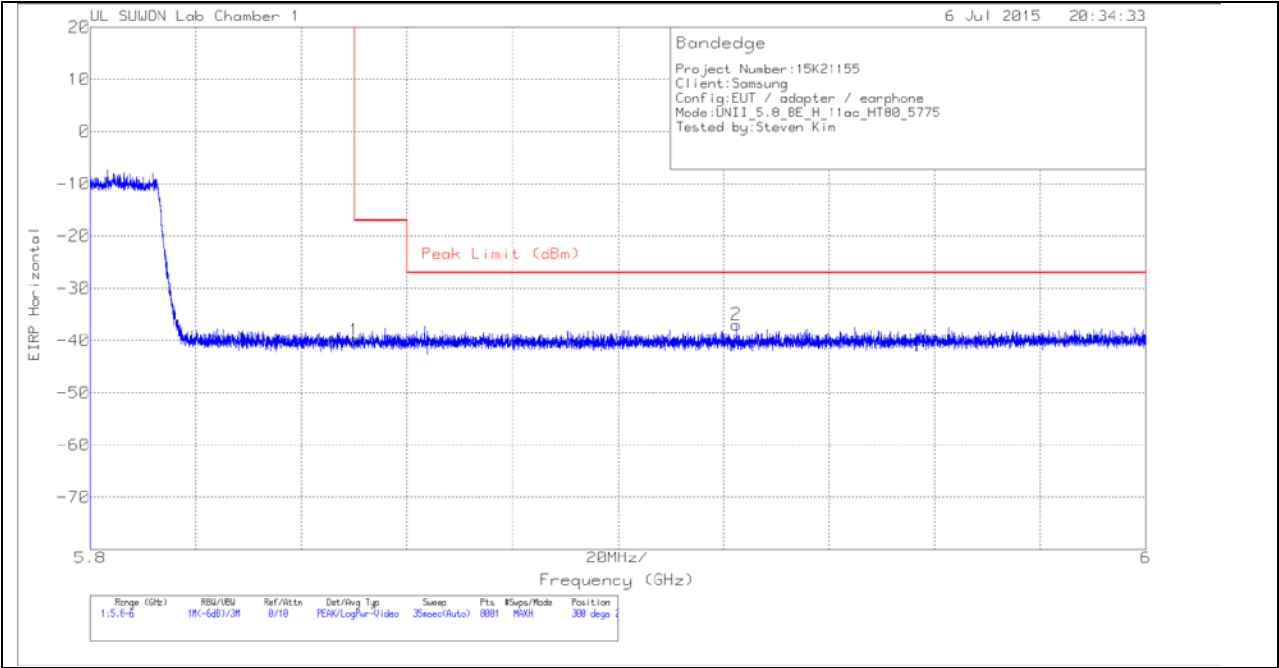
Frequency (GHz)	Meter Reading (dBuV)	Det	3117(0016872 4)_150619	Path_5	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	UNII Non-Restricted (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
* 11.591	33.78	PK-U	38.4	-17.4	0	54.78	-	-	74	-19.22	-	-	302	297	H
* 11.59	24.5	ADR	38.4	-17.4	.62	46.12	54	-7.88	-	-	-	-	302	297	H
* 11.59	38.15	PK-U	38.4	-17.4	0	59.15	-	-	74	-14.85	-	-	267	351	V
* 11.59	30.77	ADR	38.4	-17.4	.62	52.39	54	-1.61	-	-	-	-	267	351	V

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

PK-U - U-NII: Maximum Peak

ADR - U-NII AD primary method, RMS average

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



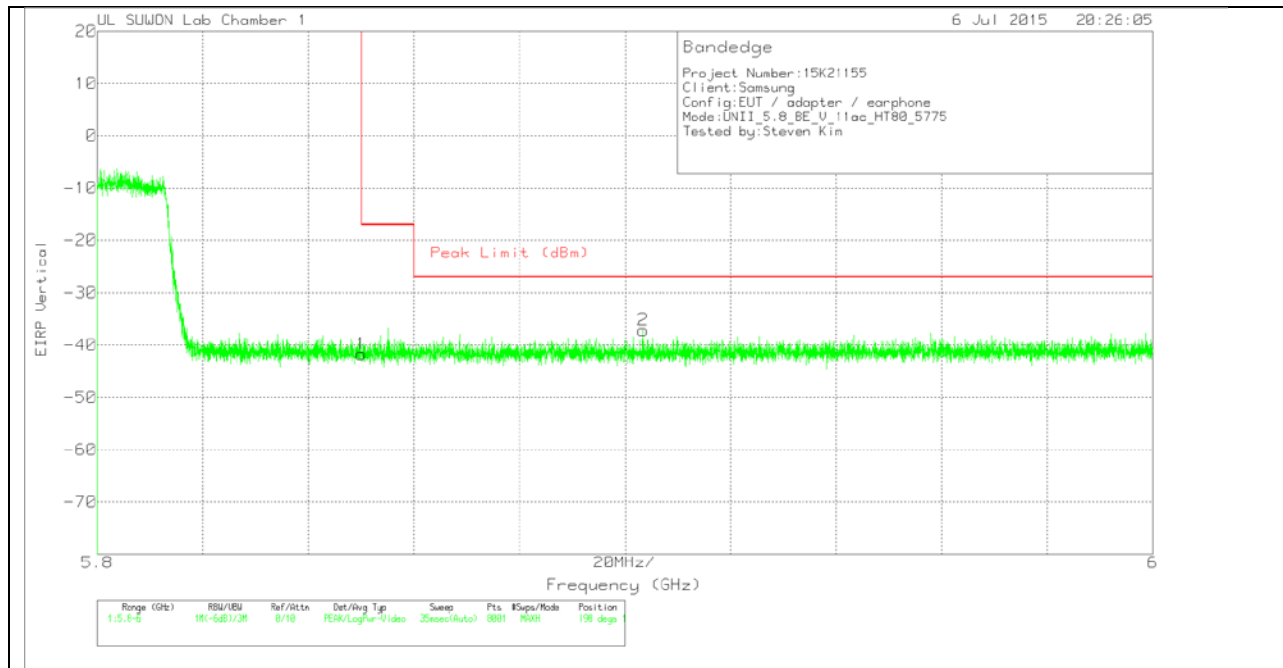
HORIZONTAL DATA

TRACE MARKERS

Marker	Frequency (GHz)	Meter Reading (dBm)	Det	3117(0016 8717)_150 619	Path_2_10 dB	Conversion Factor (dB)	DC Corr (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.85	-67.68	Pk	34.9	-18.9	11.8	0	-39.88	-17	-22.88	300	269	H
2	5.922	-64.84	Pk	34.9	-18.8	11.8	0	-36.94	-27	-9.94	300	269	H

Pk - Peak detector

VERTICAL PEAK PLOT



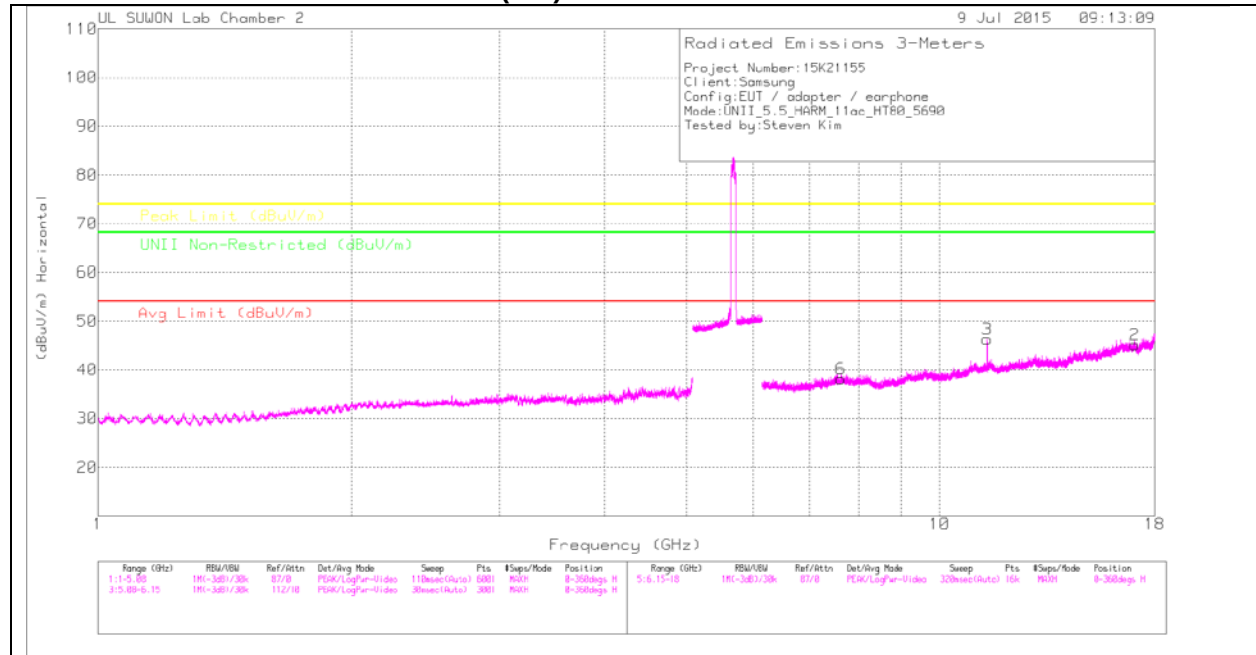
VERTICAL DATA

TRACE MARKERS

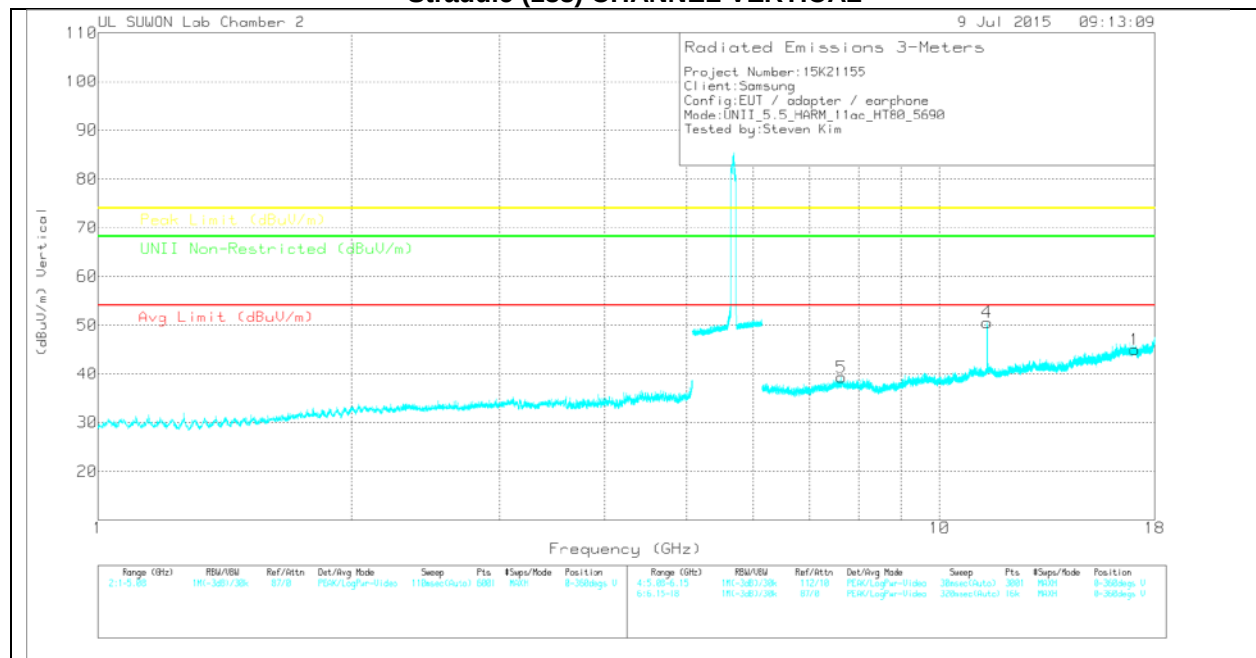
Marker	Frequency (GHz)	Meter Reading (dBm)	Det	3117(0016 8717)_150 619	Path_2_10 dB	Conversion Factor (dB)	DC Corr (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.85	-69.52	Pk	34.9	-18.9	11.8	0	-41.72	-17	-24.72	198	101	V
2	5.903	-64.94	Pk	34.9	-18.9	11.8	0	-37.14	-27	-10.14	198	101	V

Pk - Peak detector

Straddle (138) CHANNEL HORIZONTAL



Straddle (138) CHANNEL VERTICAL



Note: Emission was scanned up to 40GHz; No emissions were detected above the noise floor which was at least 20dB below the specification limit.

Straddle (138) CHANNEL DATA

TRACE MARKERS

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	3117(0016 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
2	17.07	19.27	PK	41.1	-15.3	0	45.07	-	-	-	-	68.2	-23.13	0-360	200	H
3	* 11.38	25.13	PK	38.3	-17.1	0	46.33	-	-	74	-27.67	-	-	0-360	200	H
6	* 7.636	23.39	PK	36.1	-21.4	0	38.09	-	-	74	-35.91	-	-	0-360	100	H
1	17.068	19.22	PK	41.1	-15.3	0	45.02	-	-	-	-	68.2	-23.18	0-360	100	V
4	* 11.38	29.34	PK	38.3	-17.1	0	50.54	-	-	74	-23.46	-	-	0-360	200	V
5	* 7.637	24.56	PK	36.1	-21.4	0	39.26	-	-	74	-34.74	-	-	0-360	100	V

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

PK – Peak detector

Radiated Emissions

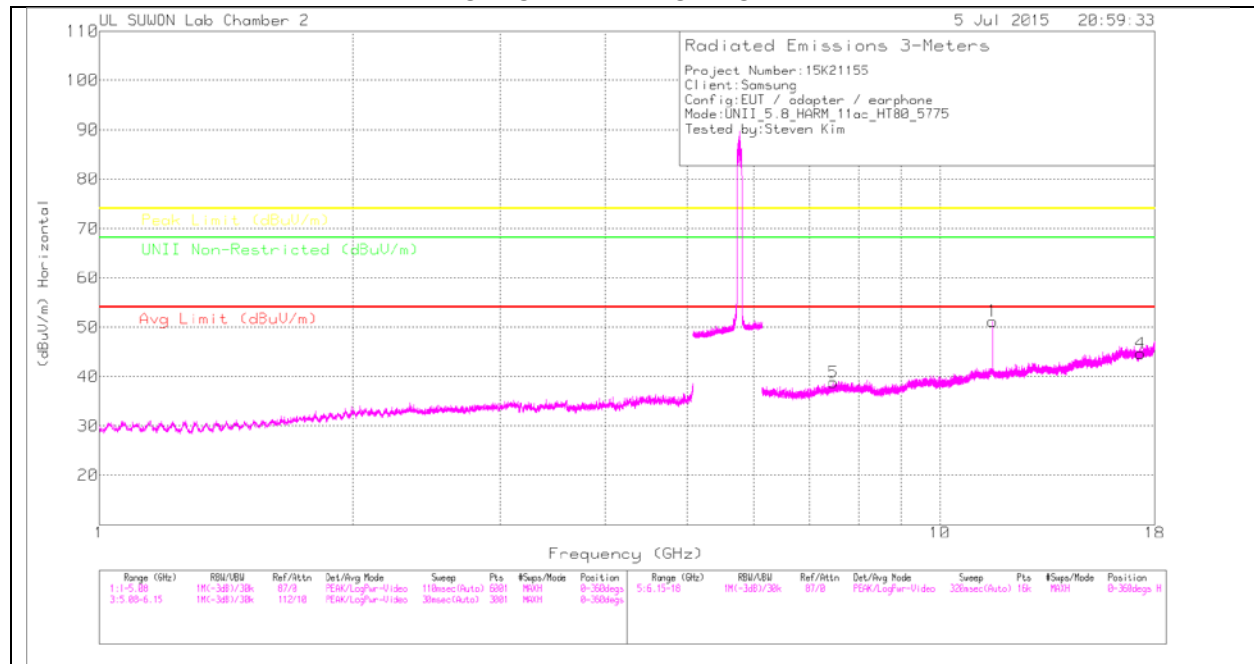
Frequency (GHz)	Meter Reading (dBuV)	Det	3117(0016872 4)_150619	Path_5	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	UNII Non-Restricted (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
* 11.38	33.78	PK-U	38.3	-17.1	0	54.98	-	-	74	-19.02	-	-	294	327	H
* 11.38	26.5	ADR	38.3	-17.1	1.16	48.86	54	-5.14	-	-	-	-	294	327	H
* 11.38	35.97	PK-U	38.3	-17.1	0	57.17	-	-	74	-16.83	-	-	256	231	V
* 11.38	30.8	ADR	38.3	-17.1	1.16	53.16	54	-.84	-	-	-	-	256	231	V

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

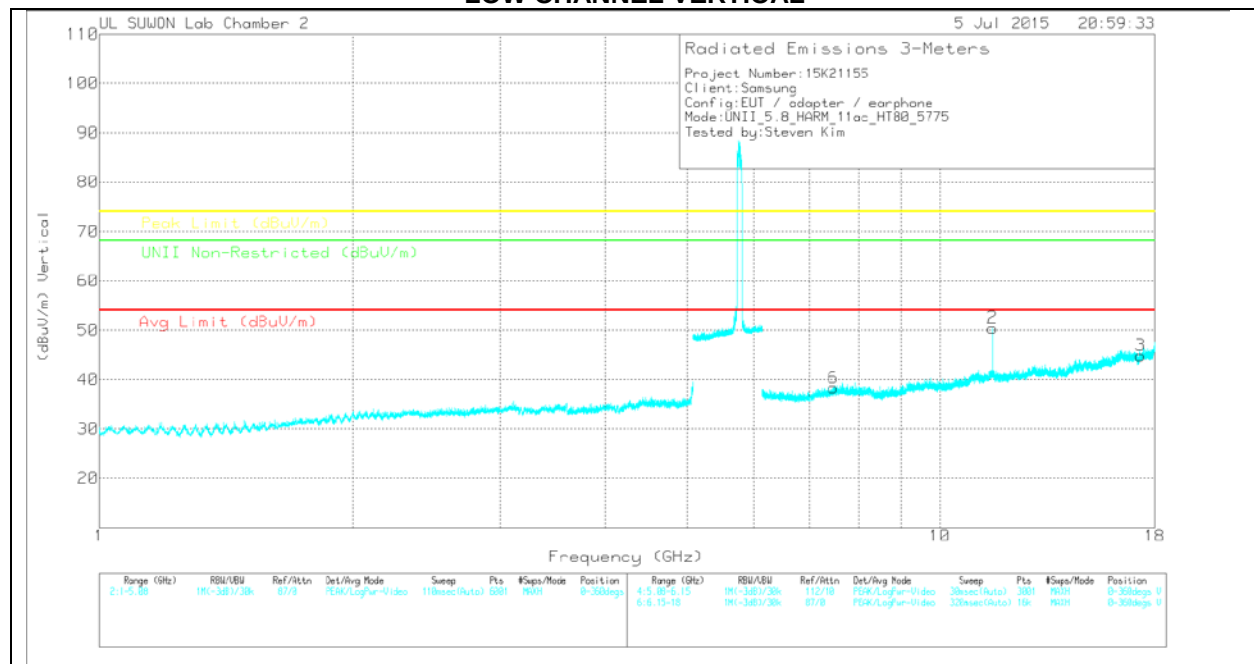
PK-U - U-NII: Maximum Peak

ADR - U-NII AD primary method, RMS average

LOW CHANNEL HORIZONTAL



LOW CHANNEL VERTICAL



Note: Emission was scanned up to 40GHz; No emissions were detected above the noise floor which was at least 20dB below the specification limit.

LOW CHANNEL DATA

TRACE MARKERS

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	3117(0016 8724)_150 619	Path_5	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	UNII Non-Restricted (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 11.55	30.32	PK	38.4	-17.5	0	51.22	-	-	74	-22.78	-	-	0-360	200	H
4	17.324	18.57	PK	41.2	-15.1	0	44.67	-	-	-	-	68.2	-23.53	0-360	100	H
5	* 7.469	25.1	PK	36	-22.3	0	38.8	-	-	74	-35.2	-	-	0-360	200	H
2	* 11.55	29.56	PK	38.4	-17.5	0	50.46	-	-	74	-23.54	-	-	0-360	200	V
3	17.325	18.77	PK	41.2	-15.1	0	44.87	-	-	-	-	68.2	-23.33	0-360	200	V
6	* 7.467	24.62	PK	36	-22.3	0	38.32	-	-	74	-35.68	-	-	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
* 11.55	35.2	PK-U	38.4	-17.5	0	56.1	-	-	74	-17.9	-	-	296	231	H
* 11.55	29.02	ADR	38.4	-17.5	1.16	51.08	54	-2.92	-	-	-	-	296	231	H
* 11.55	36.75	PK-U	38.4	-17.5	0	57.65	-	-	74	-16.35	-	-	272	353	V
* 11.55	30.99	ADR	38.4	-17.5	1.16	53.05	54	-95	-	-	-	-	272	353	V

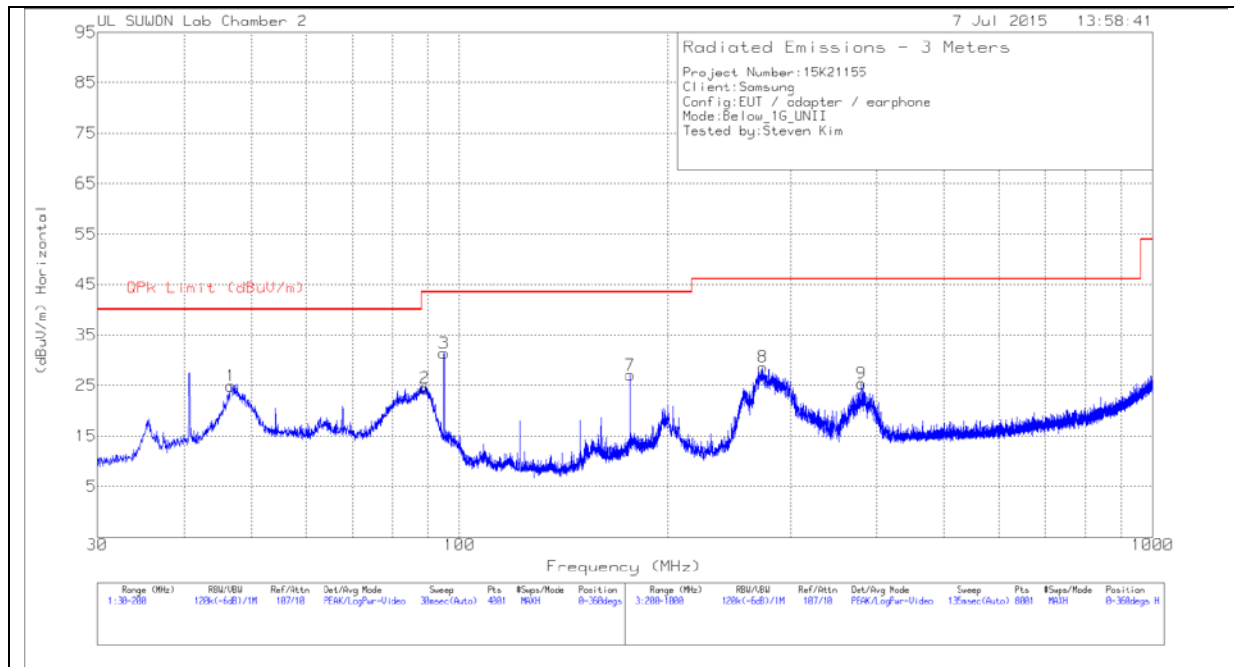
* - indicates frequency in CFR15.205/IC7.2.2 Restricted Band

PK-U - U-NII: Maximum Peak

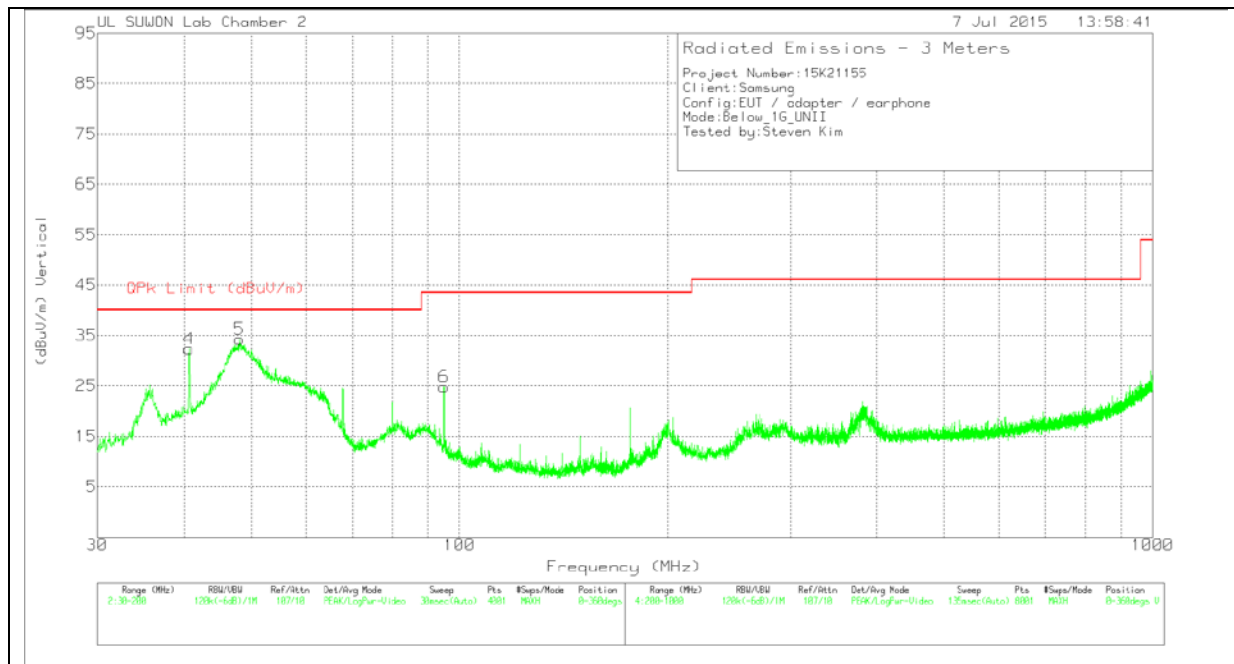
ADR - U-NII AD primary method, RMS average

12. WORST-CASE BELOW 1 GHz (in the 5.3 GHz Band)

SPURIOUS EMISSIONS 30 TO 1000 MHz (WORST-CASE CONFIGURATION, HORIZONTAL)



SPURIOUS EMISSIONS 30 TO 1000 MHz (WORST-CASE CONFIGURATION, VERTICAL)



Below 1G Data

TRACE MARKERS

Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	VULB9163-749	Below_1G	Corrected Reading (dBuV/m)	QPk Limit (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	46.83	41.67	Pk	14	-30.8	24.87	40	-15.13	0-360	400	H
2	89.075	45.64	Pk	9.4	-30.6	24.44	43.52	-19.08	0-360	300	H
3	94.94	51.36	Pk	10.6	-30.6	31.36	43.52	-12.16	0-360	300	H
7	176.285	48.13	Pk	9.3	-30.4	27.03	43.52	-16.49	0-360	100	H
4	40.6675	50.24	Pk	12.9	-30.8	32.34	40	-7.66	0-360	100	V
5	48.105	51.07	Pk	14	-30.8	34.27	40	-5.73	0-360	100	V
6	94.94	44.81	Pk	10.6	-30.6	24.81	43.52	-18.71	0-360	300	V
8	274	45.85	Pk	12.9	-30.1	28.65	46.02	-17.37	0-360	100	H
9	380.2	40.27	Pk	14.9	-29.8	25.37	46.02	-20.65	0-360	100	H

Pk - Peak detector

13. AC POWER LINE CONDUCTED EMISSIONS

LIMITS

FCC §15.207 (a)

Frequency of Emission (MHz)	Conducted Limit (dBuV)	
	Quasi-peak	Average
0.15-0.5	66 to 56 *	56 to 46 *
0.5-5	56	46
5-30	60	50

* Decreases with the logarithm of the frequency.

TEST PROCEDURE

The EUT is placed on a non-conducting table 40 cm from the vertical ground plane and 80 cm above the horizontal ground plane. The EUT is configured in accordance with ANSI C63.10.

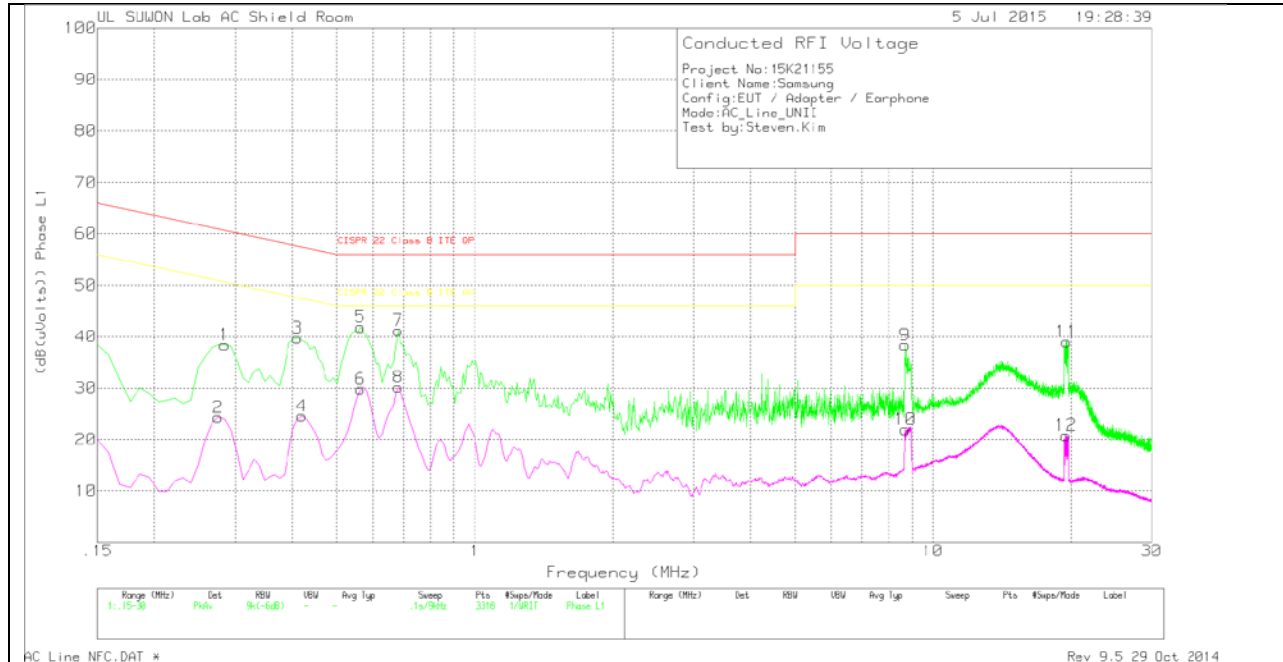
The receiver is set to a resolution bandwidth of 9 kHz. Peak detection is used unless otherwise noted as quasi-peak or average.

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

RESULTS

6 WORST EMISSIONS

LINE 1 PLOT



LINE 1 RESULTS

TRACE MARKERS

Trace Markers

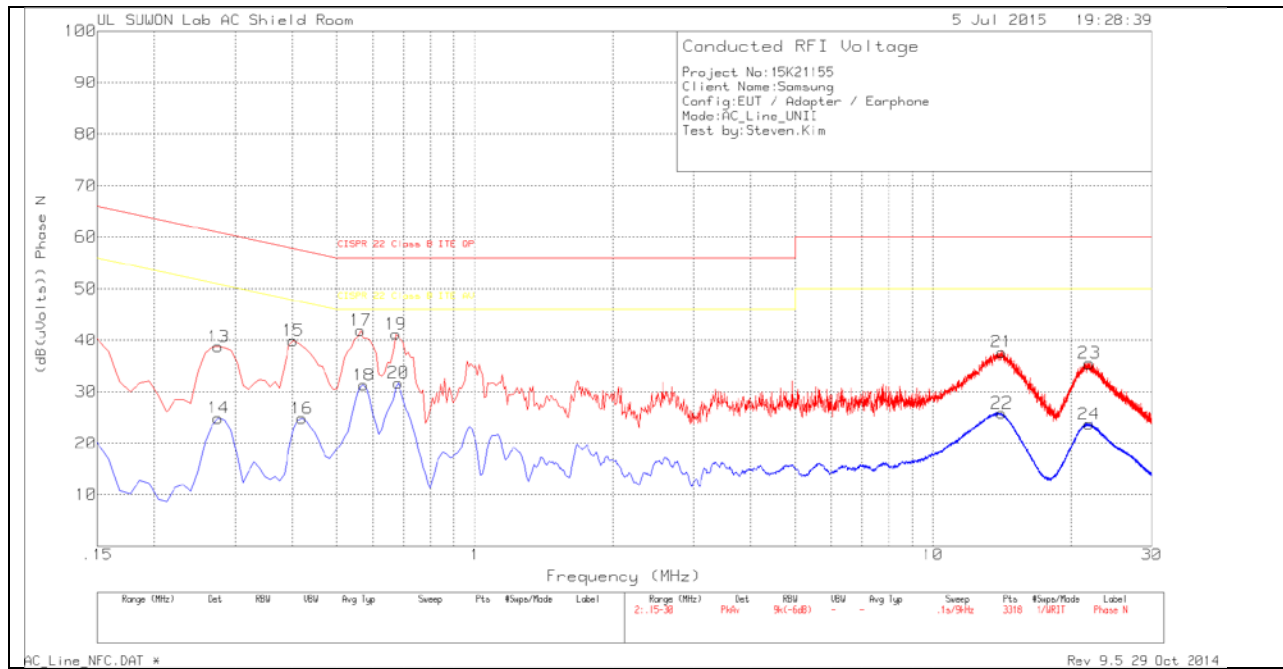
Phase L1 .15 - 30MHz

Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	101837_w ith ex- cord_L1	CE Shield Room	Corrected Reading (dBuV)	CISPR 22 Class B ITE QP	Margin (dB)	CISPR 22 Class B ITE AV	Margin (dB)
1	.285	28.62	Pk	9.8	0	38.42	60.67	-22.25	-	-
2	.276	14.49	Av	9.8	0	24.29	-	-	50.94	-26.65
3	.411	29.65	Pk	10.1	0	39.75	57.63	-17.88	-	-
4	.42	14.46	Av	10.1	0	24.56	-	-	47.45	-22.89
5	.564	31.76	Pk	10.1	0	41.86	56	-14.14	-	-
6	.564	19.71	Av	10.1	0	29.81	-	-	46	-16.19
7	.681	31.13	Pk	10.1	0	41.23	56	-14.77	-	-
8	.681	20.06	Av	10.1	0	30.16	-	-	46	-15.84
9	8.691	28.38	Pk	9.9	.1	38.38	60	-21.62	-	-
10	8.7	11.95	Av	9.9	.1	21.95	-	-	50	-28.05
11	19.554	28.44	Pk	10.4	.2	39.04	60	-20.96	-	-
12	19.491	10.22	Av	10.4	.2	20.82	-	-	50	-29.18

Pk - Peak detector

Av - Average detection

LINE 2 PLOT



LINE 2 RESULTS

TRACE MARKERS

Phase N .15 - 30MHz

Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	101837_w ith ex- cord_N	CE Shield Room	Corrected Reading (dBuV)	CISPR 22 Class B ITE QP	Margin (dB)	CISPR 22 Class B ITE AV	Margin (dB)
13	.276	28.93	Pk	9.8	0	38.73	60.94	-22.21	-	-
14	.276	15.06	Av	9.8	0	24.86	-	-	50.94	-26.08
15	.402	29.79	Pk	10.1	0	39.89	57.81	-17.92	-	-
16	.42	14.68	Av	10.1	0	24.78	-	-	47.45	-22.67
17	.564	31.79	Pk	10.1	0	41.89	56	-14.11	-	-
18	.573	21.2	Av	10.1	0	31.3	-	-	46	-14.7
19	.672	31.19	Pk	10	0	41.19	56	-14.81	-	-
20	.681	21.7	Av	10	0	31.7	-	-	46	-14.3
21	14.118	27.19	Pk	10.3	.2	37.69	60	-22.31	-	-
22	14.136	15.31	Av	10.3	.2	25.81	-	-	50	-24.19
23	21.948	24.61	Pk	10.7	.2	35.51	60	-24.49	-	-
24	21.903	12.78	Av	10.7	.2	23.68	-	-	50	-26.32

Pk - Peak detector

Av - Average detection

14. DYNAMIC FREQUENCY SELECTION

14.1. OVERVIEW

14.1.1. LIMITS

INDUSTRY CANADA

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

RSS-210 Issue 8 A9.3

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

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

FCC

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

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

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

Table 2: Applicability of DFS requirements during normal operation

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

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

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

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

Table 4: DFS Response requirement values

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

Table 5 – Short Pulse Radar Test Waveforms

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

Table 6 – Long Pulse Radar Test Signal

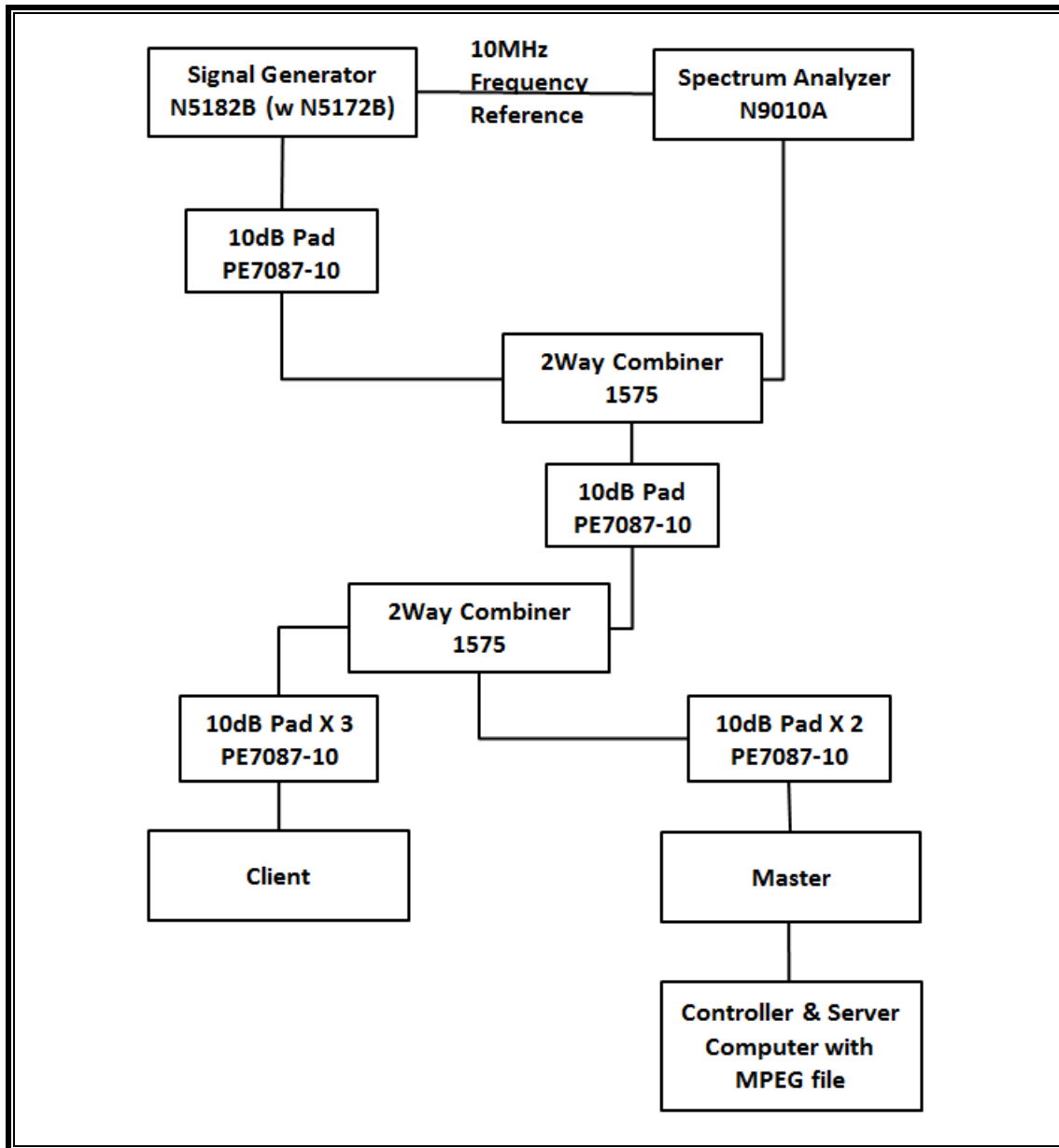
Radar Waveform Type	Pulse Width (μsec)	Chirp Width (MHz)	PRI (μsec)	Pulses per Burst	Number of Bursts	Minimum Percentage of Successful Detection	Minimum Trials
5	50-100	5-20	1000-2000	1-3	8-20	80%	30

Table 7 – Frequency Hopping Radar Test Signal

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

14.1.1. TEST AND MEASUREMENT SYSTEM

CONDUCTED METHOD SYSTEM BLOCK DIAGRAM



SYSTEM OVERVIEW

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

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

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

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

SYSTEM CALIBRATION

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

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

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

ADJUSTMENT OF DISPLAYED TRAFFIC LEVEL

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

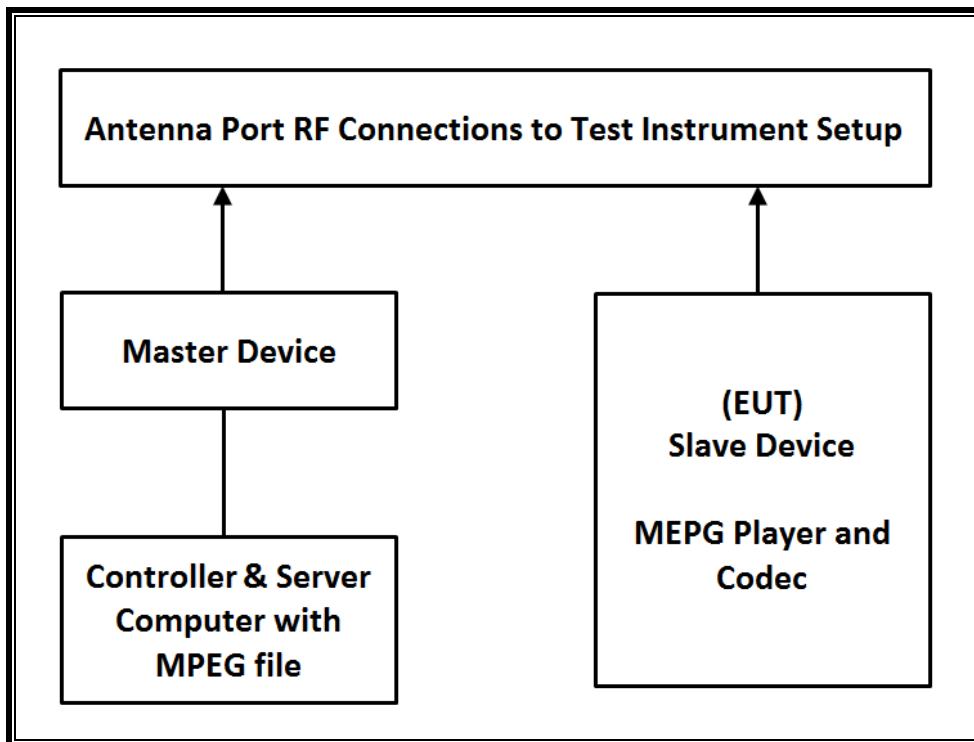
TEST AND MEASUREMENT EQUIPMENT

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

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

14.1.2. SETUP OF EUT

CONDUCTED METHOD EUT TEST SETUP



SUPPORT EQUIPMENT

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

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

14.1.3. DESCRIPTION OF EUT

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

The EUT is a Slave Device without Radar Detection.

The highest power level within these bands is 13.81 dBm EIRP in the 5250-5350 MHz band and 13.58 dBm EIRP in the 5470-5725 MHz band.

The antenna assembly utilized two antenna with the EUT one is -2.6 dBi, and the other is -3.7 dBi.

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

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

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

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

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

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

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

UNIFORM CHANNEL SPREADING

This requirement is not applicable to Slave radio devices.

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

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

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

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

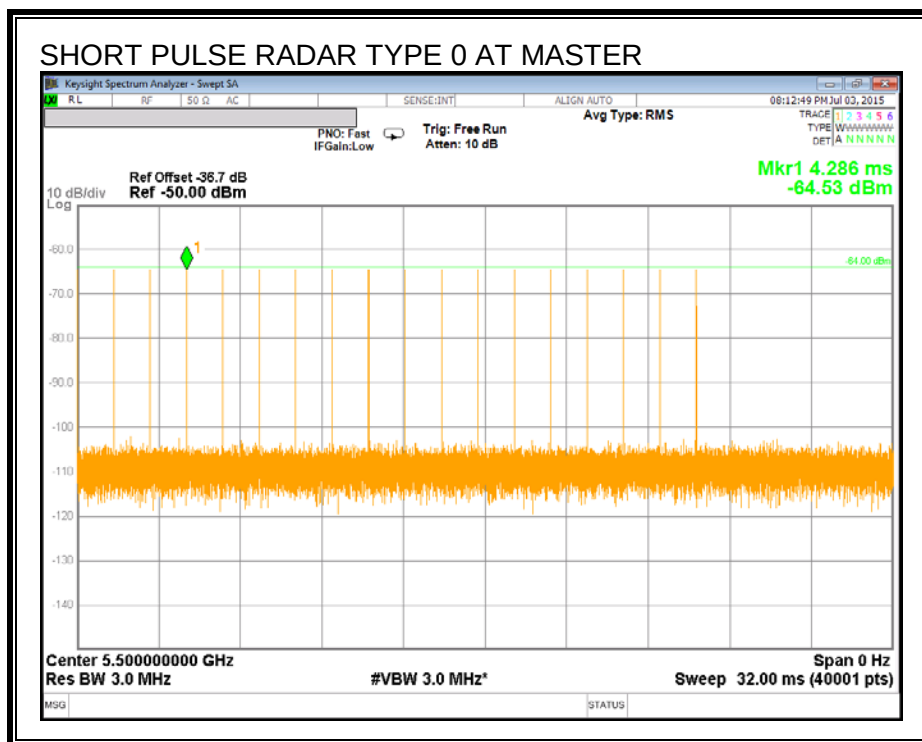
14.2. RESULTS FOR 20 MHz BANDWIDTH

14.2.1. TEST CHANNEL

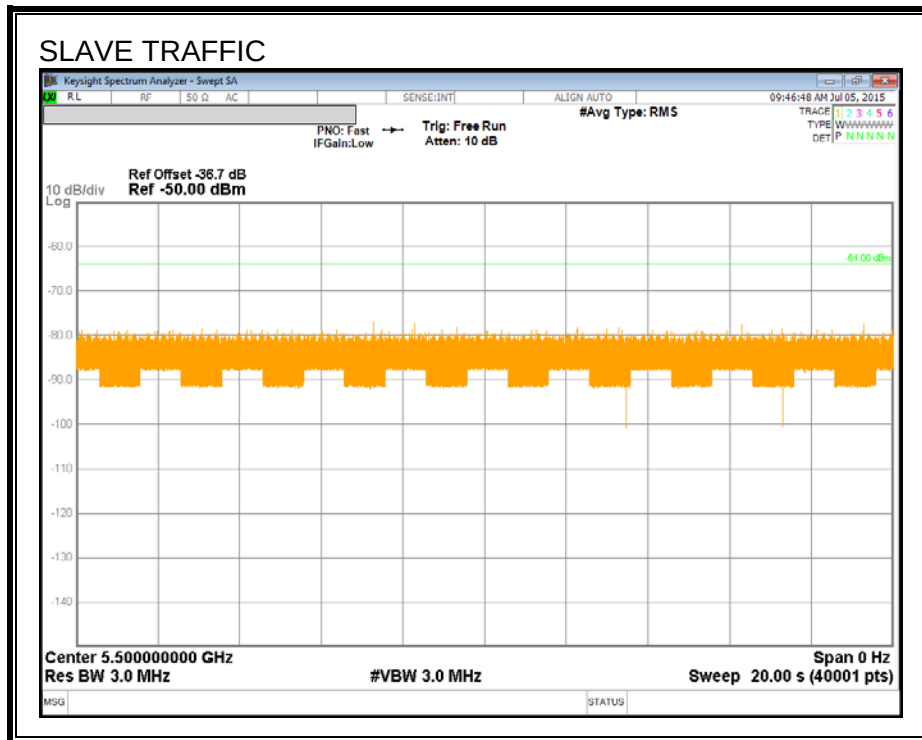
All tests were performed at a channel center frequency of 5500 MHz.

14.2.2. RADAR WAVEFORM AND TRAFFIC

RADAR WAVEFORM



TRAFFIC



14.2.3. OVERLAPPING CHANNEL TESTS

RESULTS

These tests are not applicable.

14.2.4. MOVE AND CLOSING TIME

REPORTING NOTES

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

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

The aggregate channel closing transmission time is calculated as follows:

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

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

RESULTS

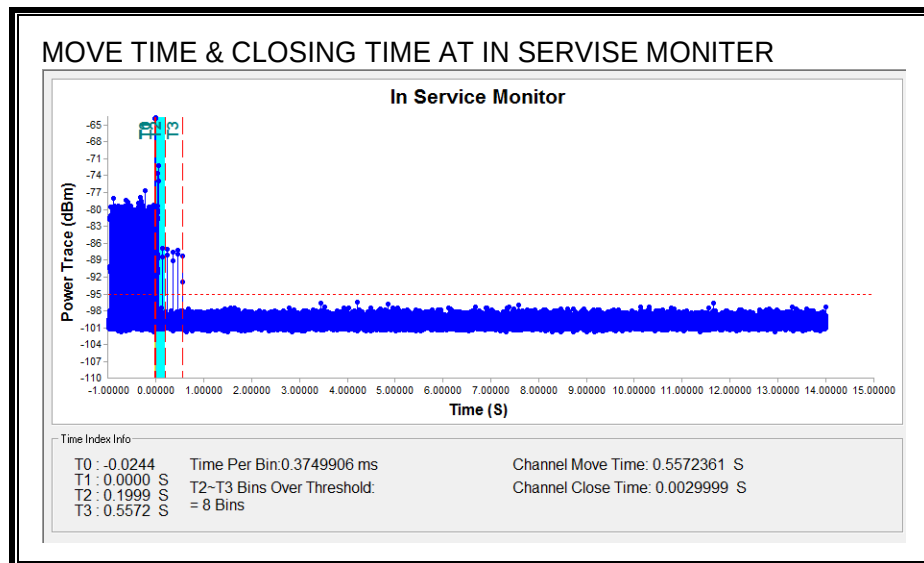
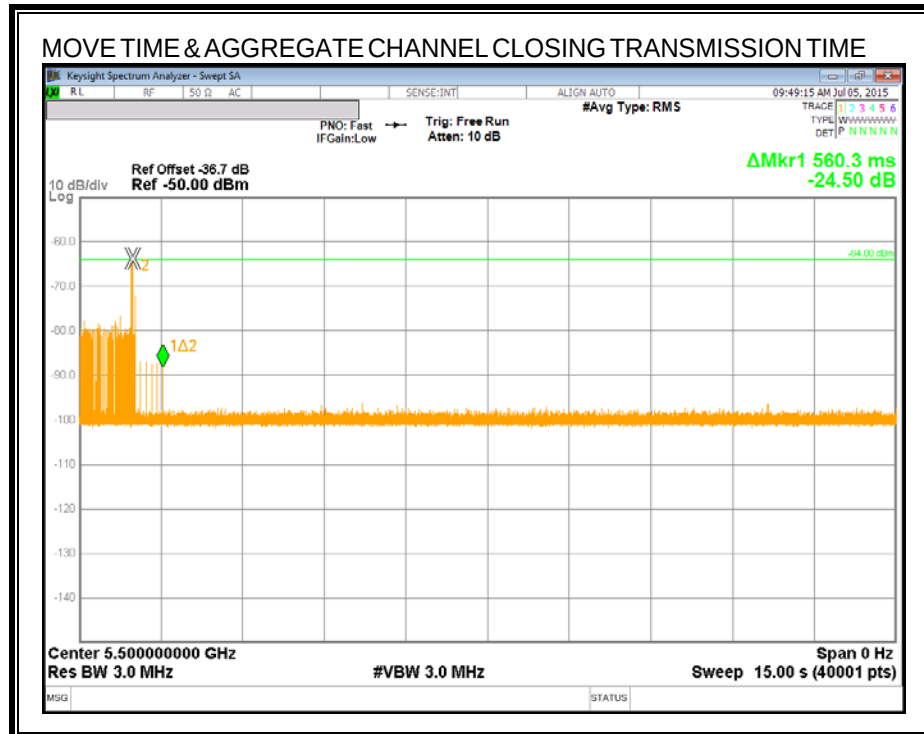
Channel Move Time (sec)	Limit (sec)
0.557	10

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

MOVE TIME & CHANNEL CLOSING TIME

AGGREGATE CHANNEL CLOSING TRANSMISSION TIME

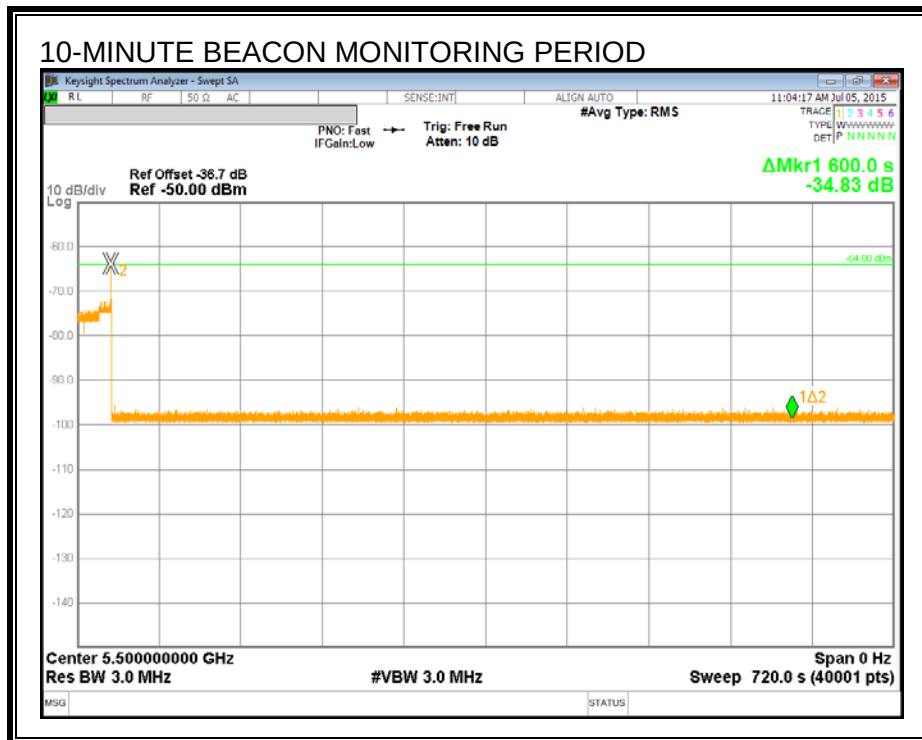
No transmissions are observed during the aggregate monitoring period.



NON-OCCUPANCY PERIOD

RESULTS

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



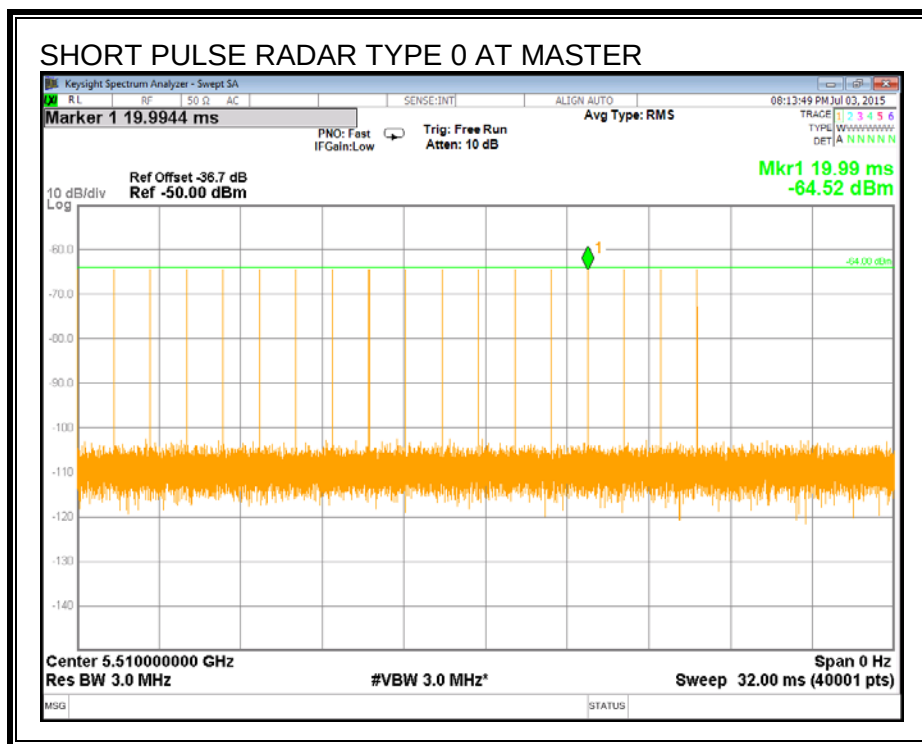
14.3. RESULTS FOR 40 MHz BANDWIDTH

14.3.1. TEST CHANNEL

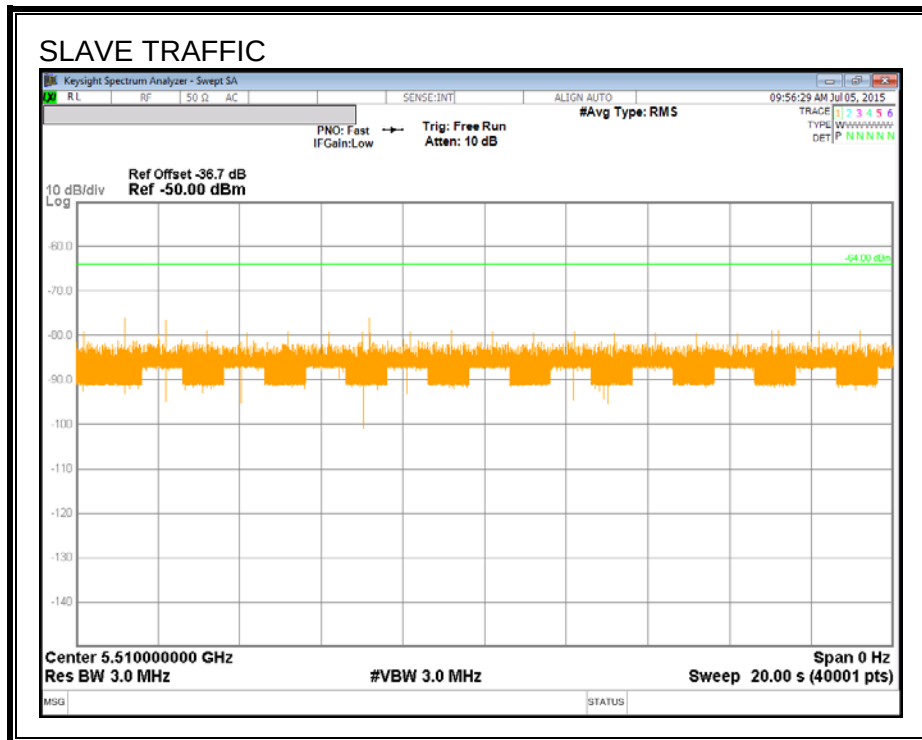
All tests were performed at a channel center frequency of 5510 MHz.

14.3.2. RADAR WAVEFORM AND TRAFFIC

RADAR WAVEFORM



TRAFFIC



14.3.3. OVERLAPPING CHANNEL TESTS

RESULTS

These tests are not applicable.

14.3.4. MOVE AND CLOSING TIME

REPORTING NOTES

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

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

The aggregate channel closing transmission time is calculated as follows:

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

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

RESULTS

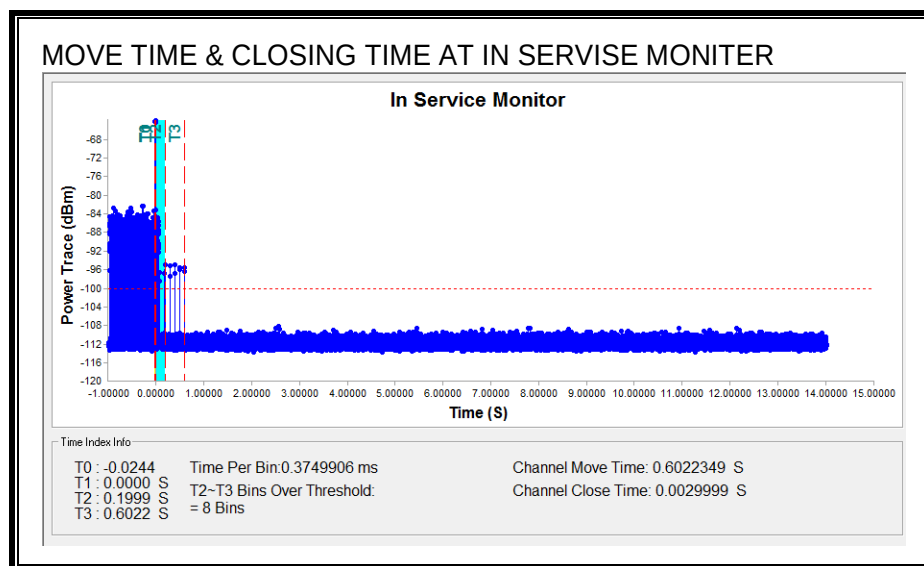
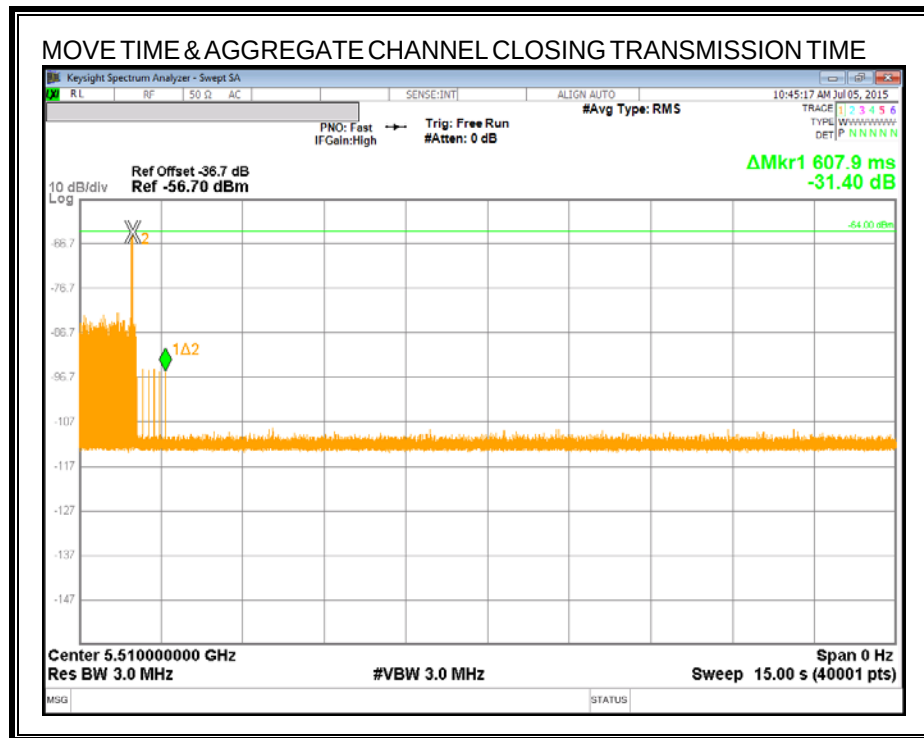
Channel Move Time (sec)	Limit (sec)
0.602	10

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

MOVE TIME & CHANNEL CLOSING TIME

AGGREGATE CHANNEL CLOSING TRANSMISSION TIME

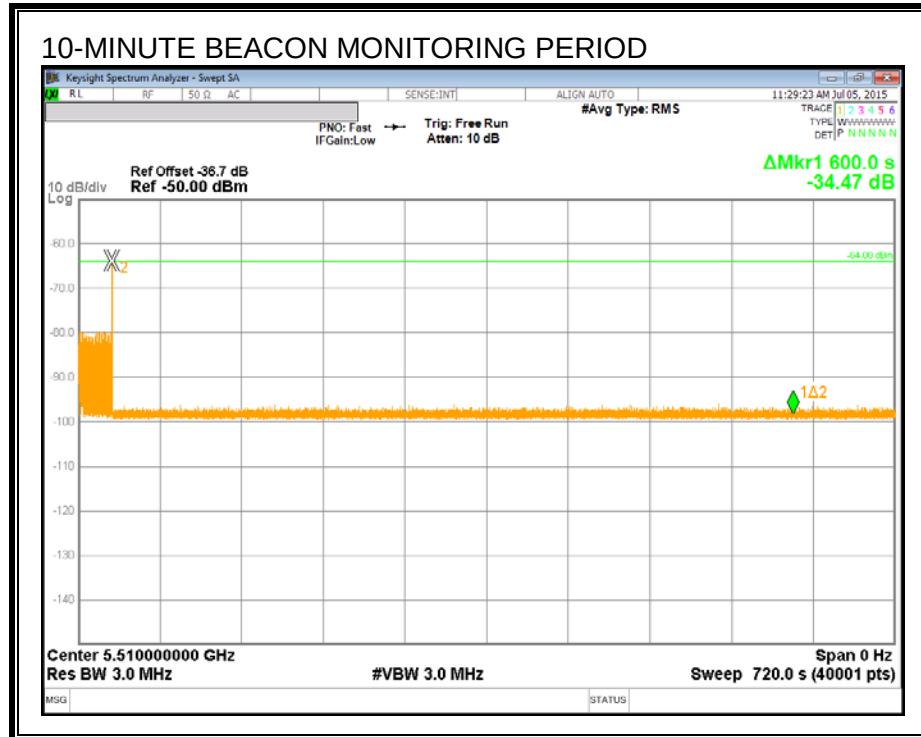
No transmissions are observed during the aggregate monitoring period.



NON-OCCUPANCY PERIOD

RESULTS

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



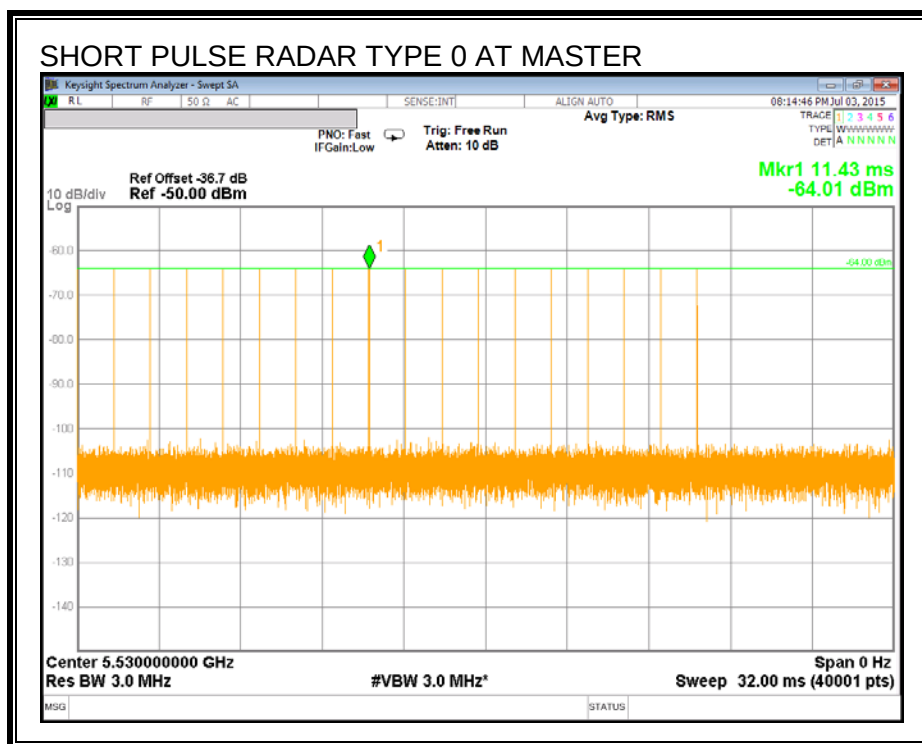
14.4. RESULTS FOR 80 MHz BANDWIDTH

14.4.1. TEST CHANNEL

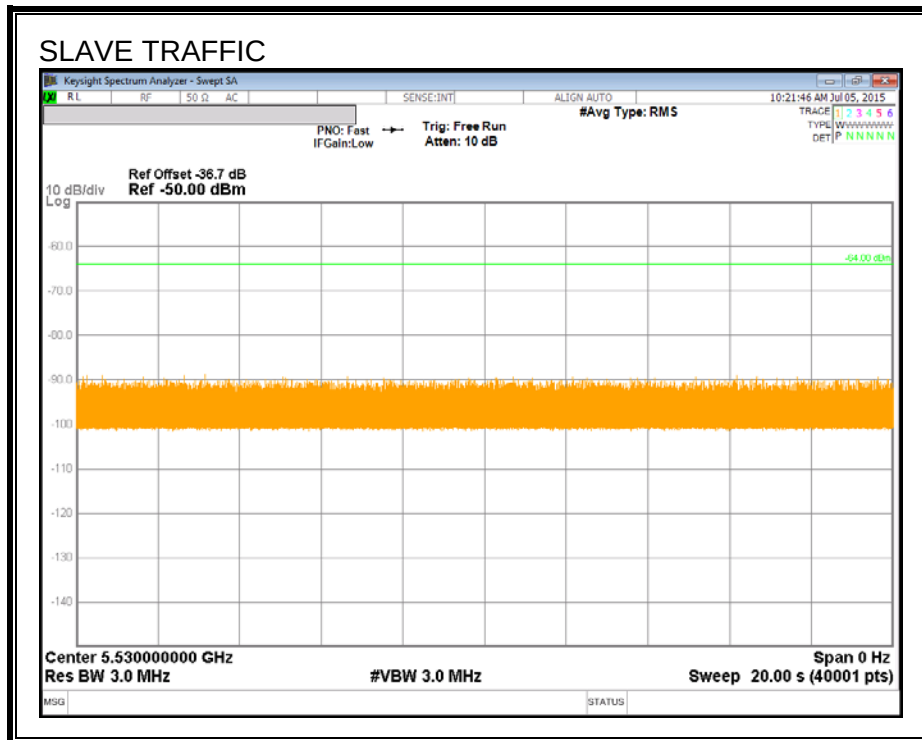
All tests were performed at a channel center frequency of 5530 MHz.

14.4.2. RADAR WAVEFORM AND TRAFFIC

RADAR WAVEFORM



TRAFFIC



14.4.3. OVERLAPPING CHANNEL TESTS

RESULTS

These tests are not applicable.

14.4.4. MOVE AND CLOSING TIME

REPORTING NOTES

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

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

The aggregate channel closing transmission time is calculated as follows:

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

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

RESULTS

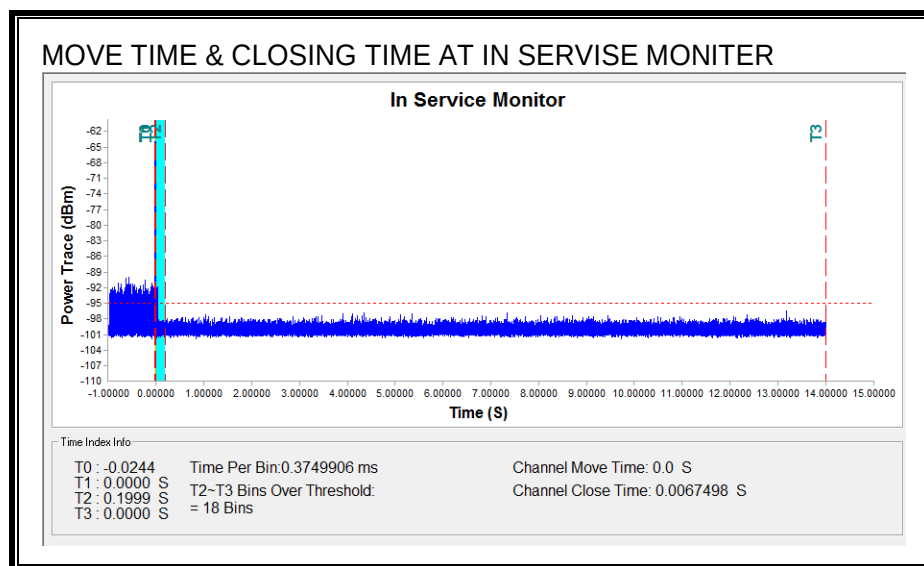
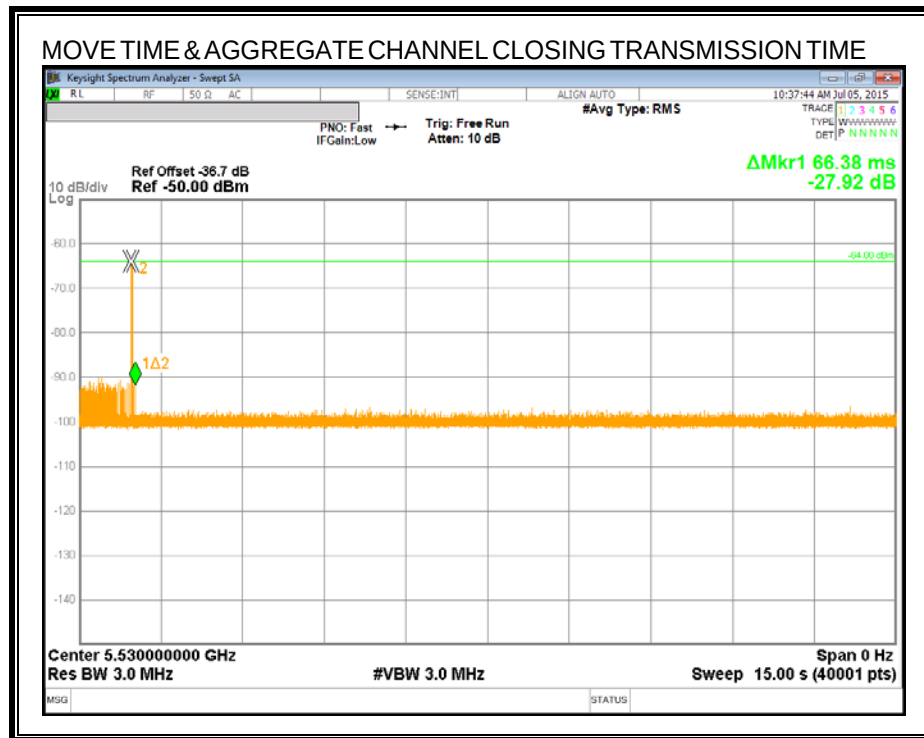
Channel Move Time (sec)	Limit (sec)
0.000	10

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

MOVE TIME & CHANNEL CLOSING TIME

AGGREGATE CHANNEL CLOSING TRANSMISSION TIME

No transmissions are observed during the aggregate monitoring period.



NON-OCCUPANCY PERIOD

RESULTS

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

