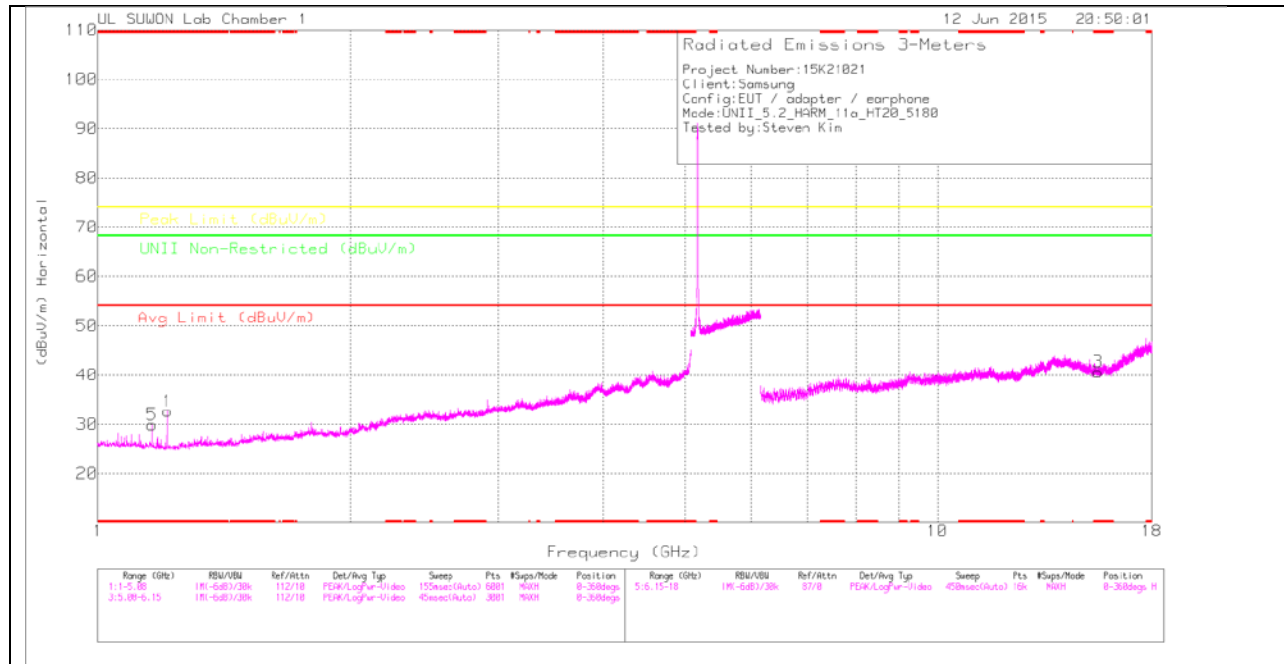
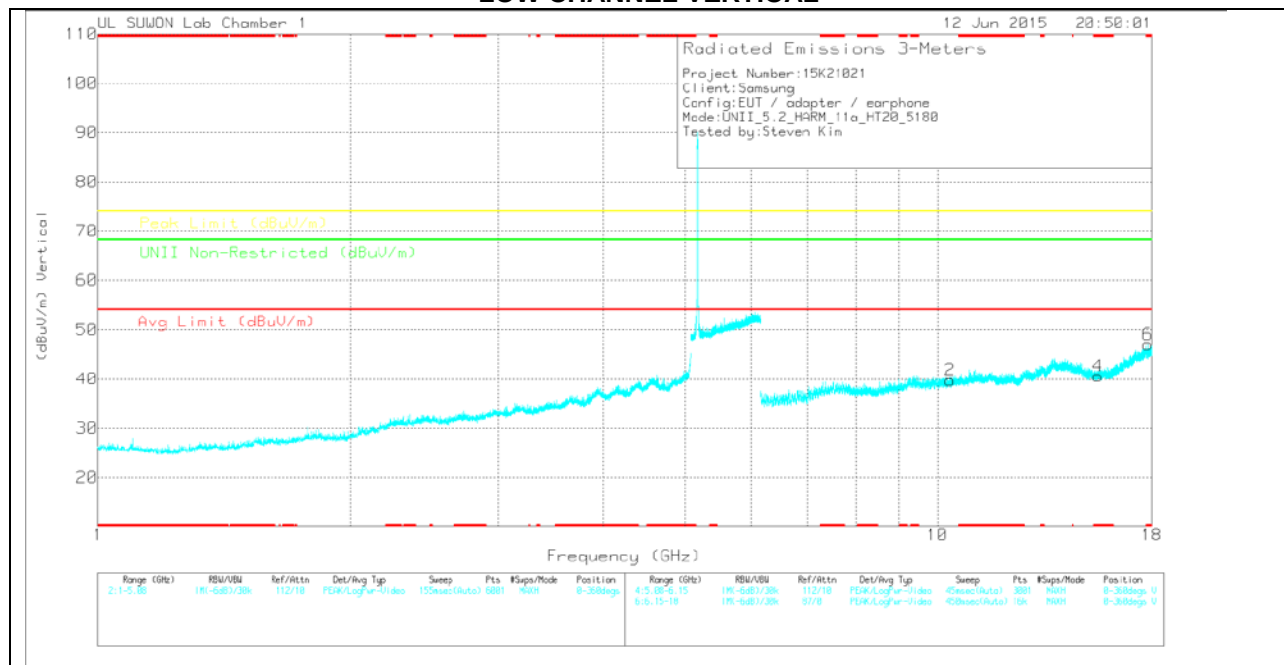


HARMONICS AND SPURIOUS EMISSIONS

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	3115D Factor	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	* 1.21	43.12	PK	23.8	-34.3	0	32.62	-	-	74	-41.38	-	-	0-360	100	H
5	* 1.159	40.19	PK	24	-34.3	0	29.89	-	-	74	-44.11	-	-	0-360	100	H
3	* 15.541	21.83	PK	38.6	-19.8	0	40.63	-	-	74	-33.37	-	-	0-360	100	H
2	10.361	22.35	PK	38.3	-20.9	0	39.75	-	-	-	-	68.2	-28.45	0-360	100	V
4	* 15.541	21.76	PK	38.6	-19.8	0	40.56	-	-	74	-33.44	-	-	0-360	200	V
6	* 17.813	20.11	PK	42.1	-15.2	0	47.01	-	-	74	-26.99	-	-	0-360	100	V

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

PK – Peak Detector

Radiated Emissions

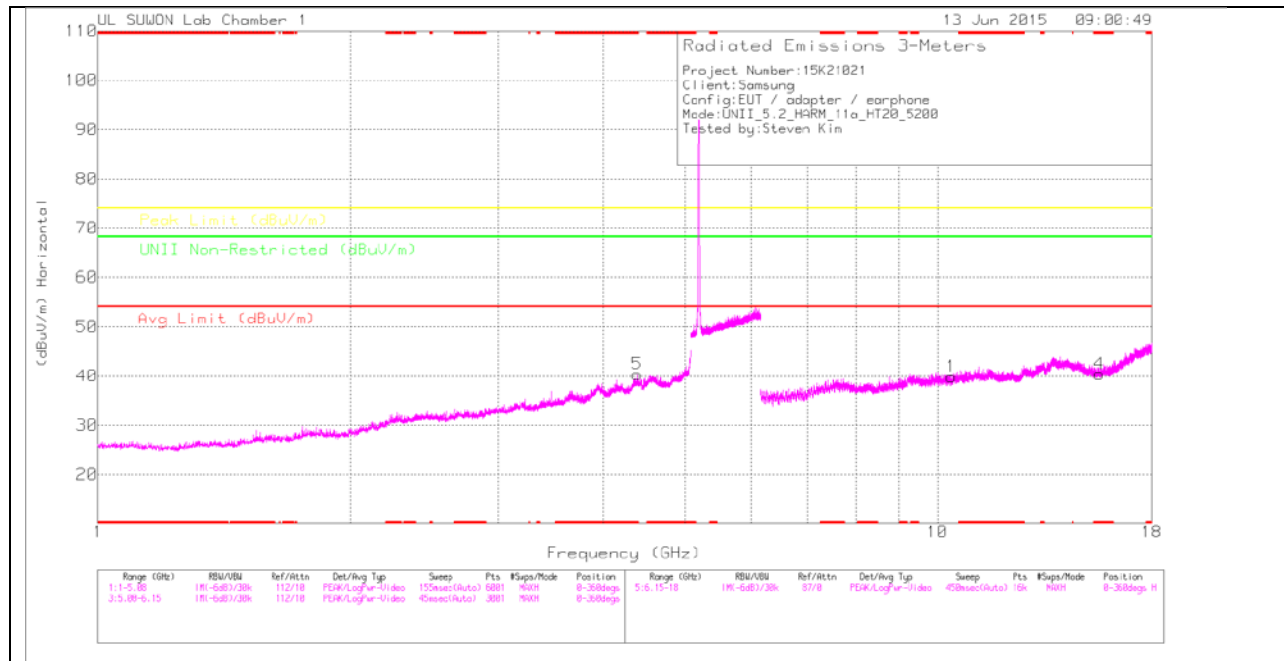
Frequency (GHz)	Meter Reading (dBuV)	Det	3115D Factor	Path_4_5G LP	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	UNII Non-Restricted (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
* 1.209	44.11	PK1	23.8	-34.3	0	33.61	-	-	74	-40.39	-	-	101	390	H
* 1.21	31.64	AD1	23.8	-34.3	0	21.14	54	-32.86	-	-	-	-	101	390	H
* 1.16	44.34	PK1	24	-34.3	0	34.04	-	-	74	-39.96	-	-	282	108	H
* 1.158	31.37	AD1	24	-34.3	0	21.07	54	-32.93	-	-	-	-	282	108	H
* 15.539	18.85	AD1	38.6	-19.8	.3	37.95	54	-16.05	-	-	-	-	210	107	H
10.36	22.3	AD1	38.3	-21	.3	39.9	-	-	-	-	-	-	23	103	V
* 15.539	19.22	AD1	38.6	-19.8	.3	38.32	54	-15.68	-	-	-	-	178	180	V
* 17.812	16.97	AD1	42	-15.2	0	43.77	54	-10.23	-	-	-	-	289	212	V
* 15.54	32.09	PK1	38.6	-19.8	0	50.89	-	-	74	-23.11	-	-	210	107	H
10.36	33.99	PK1	38.3	-20.9	0	51.39	-	-	-	-	68.2	-16.81	23	103	V
* 15.542	32.11	PK1	38.6	-19.8	0	50.91	-	-	74	-23.09	-	-	178	180	V
* 17.814	29.16	PK1	42.1	-15.2	0	56.06	-	-	74	-17.94	-	-	289	212	V

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

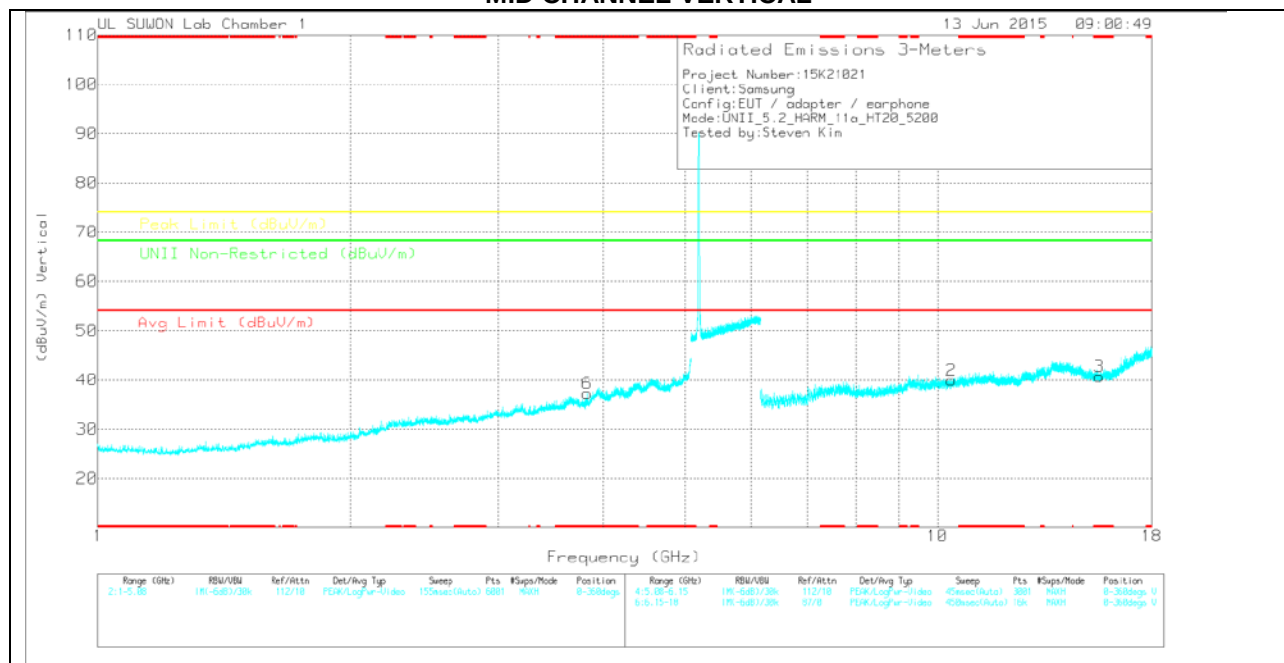
PK1 - KDB789033 Method: Peak

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	3115D Factor	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	10.399	22.17	PK	38.3	-20.6	0	39.87	-	-	-	-	68.2	-28.33	0-360	200	H
4	* 15.6	21.6	PK	38.6	-19.8	0	40.4	-	-	74	-33.6	-	-	0-360	100	H
2	10.399	22.2	PK	38.3	-20.6	0	39.9	-	-	-	-	68.2	-28.3	0-360	100	V
3	* 15.6	21.92	PK	38.6	-19.8	0	40.72	-	-	74	-33.28	-	-	0-360	100	V
5	* 4.387	36.98	PK	31.7	-28.3	0	40.38	-	-	74	-33.62	-	-	0-360	200	H
6	* 3.822	37.26	PK	30.4	-30.4	0	37.26	-	-	74	-36.74	-	-	0-360	100	V

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

PK – PK Peak detector

Radiated Emissions

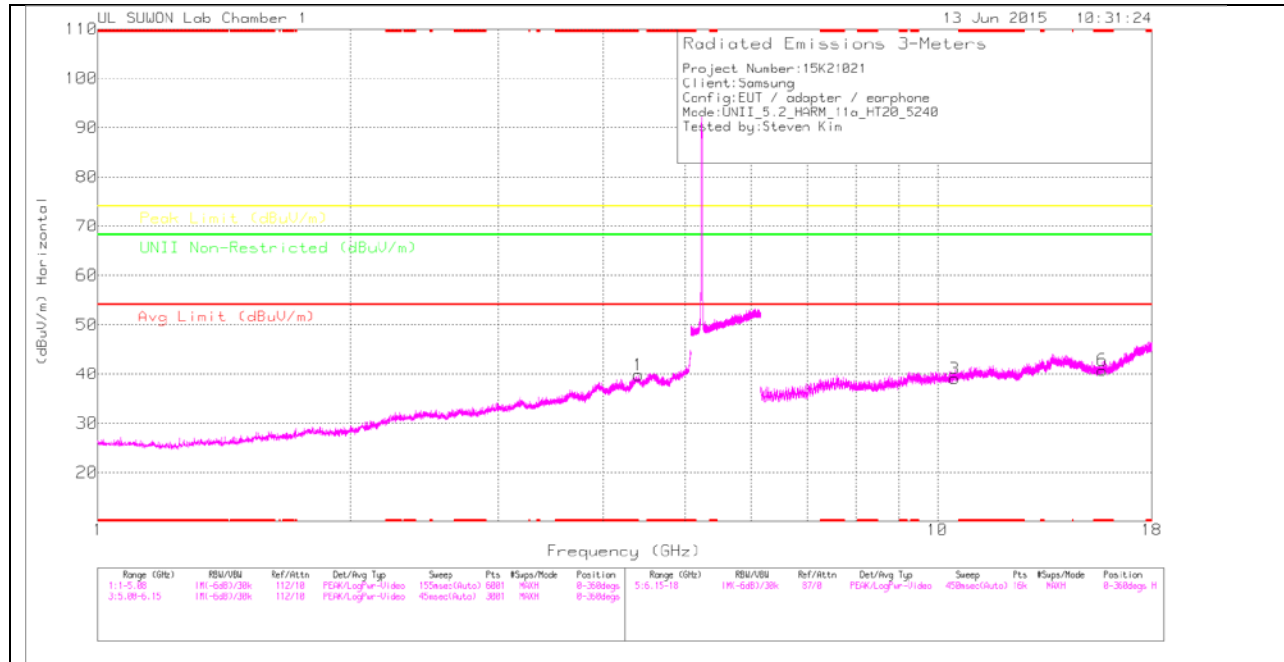
Frequency (GHz)	Meter Reading (dBuV)	Det	3115D Factor	Path_5_6GHP	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	UNII Non-Restricted (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
10.398	20.05	AD1	38.3	-20.6	.3	38.05	-	-	-	-	-	-	219	152	H
* 15.599	20.52	AD1	38.6	-19.8	.3	39.62	54	-14.38	-	-	-	-	71	395	H
10.399	20.46	AD1	38.3	-20.6	.3	38.46	-	-	-	-	-	-	37	100	V
* 15.598	20.21	AD1	38.6	-19.8	.3	39.31	54	-14.69	-	-	-	-	173	147	V
10.4	32.67	PK1	38.3	-20.6	0	50.37	-	-	-	-	68.2	-17.83	219	152	H
* 15.6	32.33	PK1	38.6	-19.8	0	51.13	-	-	74	-22.87	-	-	71	395	H
10.398	34.38	PK1	38.3	-20.6	0	52.08	-	-	-	-	68.2	-16.12	37	100	V
* 15.598	33.17	PK1	38.6	-19.8	0	51.97	-	-	74	-22.03	-	-	173	147	V
* 4.387	43.24	PK1	31.7	-28.3	0	46.64	-	-	74	-27.36	-	-	357	200	H
* 4.387	30.6	AD1	31.7	-28.3	0	34	54	-20	-	-	-	-	357	200	H
* 3.82	43.9	PK1	30.4	-30.5	0	43.8	-	-	74	-30.2	-	-	203	223	V
* 3.821	31.2	AD1	30.4	-30.5	0	31.1	54	-22.9	-	-	-	-	203	223	V

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

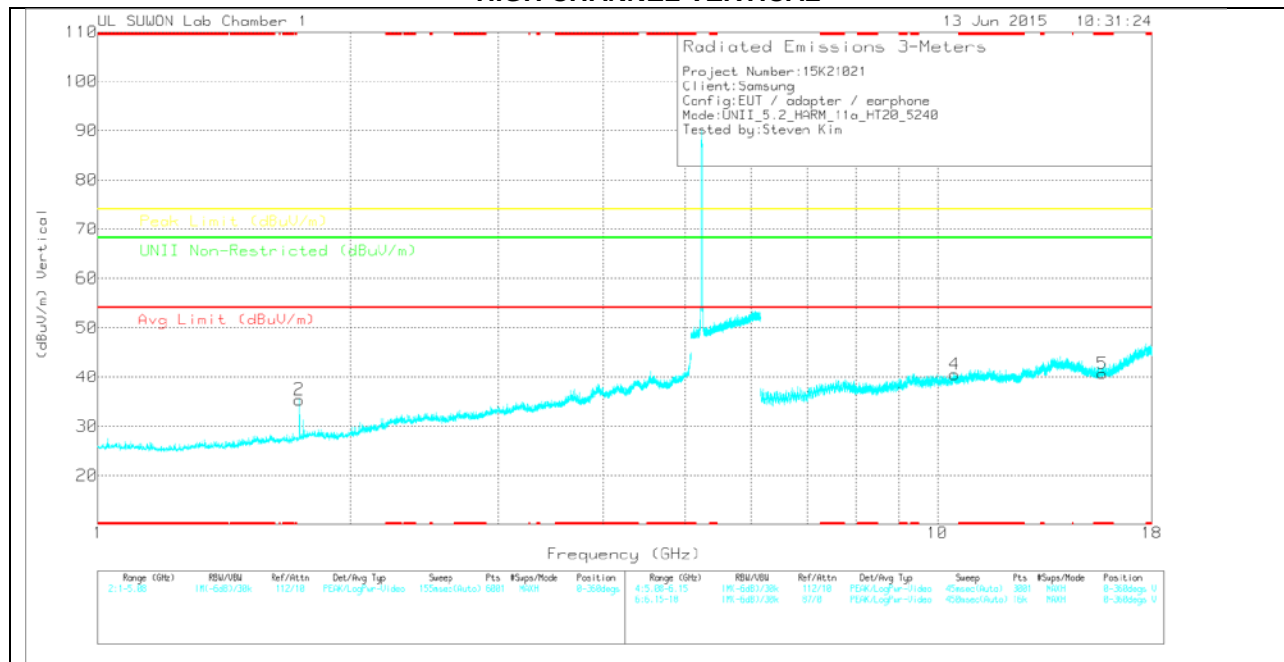
PK1 - KDB789033 Method: Peak

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	3115D Factor	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	4.401	36.35	PK	31.7	-28.3	0	39.75	-	-	-	-	68.2	-28.45	0-360	100	H
2	1.736	43.19	PK	25.2	-33	0	35.39	-	-	-	-	68.2	-32.81	0-360	100	V
3	10.48	21.95	PK	38.4	-21.3	0	39.05	-	-	-	-	68.2	-29.15	0-360	200	H
6	* 15.721	21.95	PK	38.6	-19.8	0	40.75	-	-	74	-33.25	-	-	0-360	100	H
4	10.479	23.43	PK	38.4	-21.3	0	40.53	-	-	-	-	68.2	-27.67	0-360	100	V
5	* 15.721	21.92	PK	38.6	-19.8	0	40.72	-	-	74	-33.28	-	-	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	3115D Factor	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
4.4	43.39	PK1	31.7	-28.2	0	46.89	-	-	-	-	68.2	-21.31	193	400	H
4.401	31.02	AD1	31.7	-28.3	0	34.42	-	-	-	-	-	-	193	400	H
1.738	49.93	PK1	25.2	-33	0	42.13	-	-	-	-	68.2	-26.07	116	115	V
1.738	31.43	AD1	25.2	-33	0	23.63	-	-	-	-	-	-	116	115	V
10.482	19.08	AD1	38.4	-21.3	.3	36.48	-	-	-	-	-	-	2	211	H
* 15.722	17.69	AD1	38.6	-19.8	.3	36.79	54	-17.21	-	-	-	-	94	108	H
10.478	21.39	AD1	38.4	-21.3	.3	38.79	-	-	-	-	-	-	130	211	V
* 15.721	19.99	AD1	38.6	-19.8	.3	39.09	54	-14.91	-	-	-	-	339	145	V
10.478	31.76	PK1	38.4	-21.3	0	48.86	-	-	-	-	68.2	-19.34	2	211	H
* 15.721	32.32	PK1	38.6	-19.8	0	51.12	-	-	74	-22.88	-	-	94	108	H
10.479	32.37	PK1	38.4	-21.3	0	49.47	-	-	-	-	68.2	-18.73	130	211	V
* 15.72	33.15	PK1	38.6	-19.8	0	51.95	-	-	74	-22.05	-	-	339	145	V

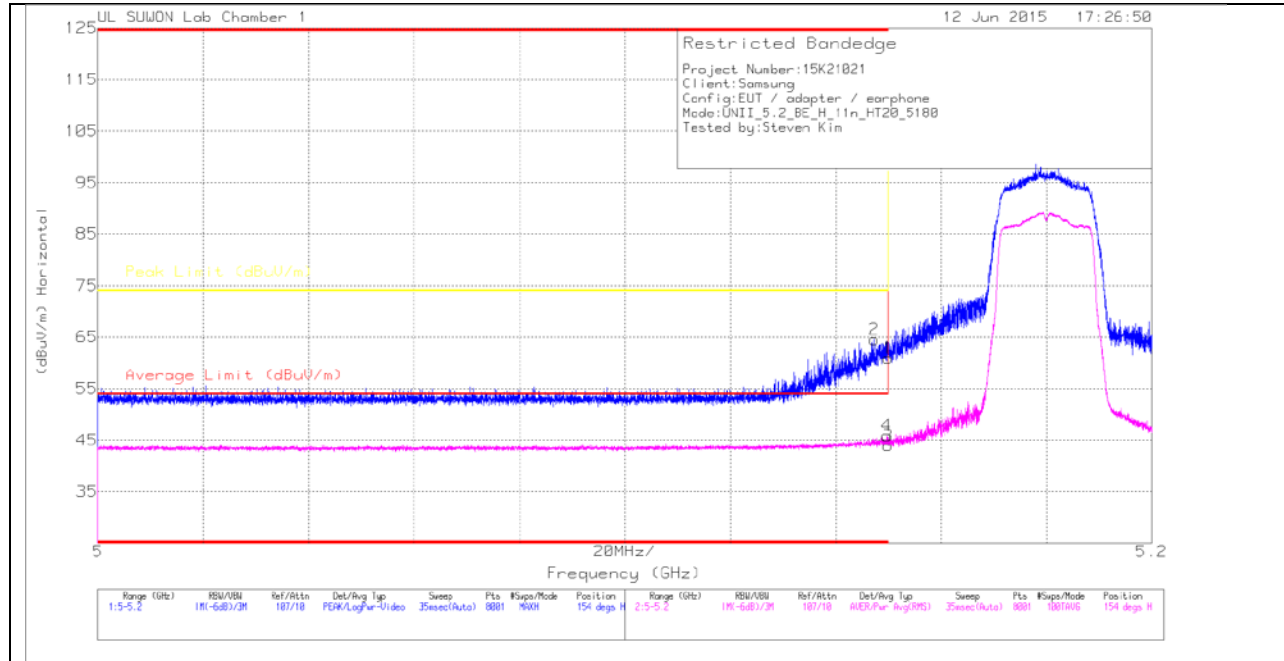
* - indicates frequency in CFR15.205/IC7.2.2 Restricted Band

PK1 - KDB789033 Method: Peak

AD1 - KDB789033 Method: AD Primary Power Average

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

HORIZONTAL PEAK AND AVERAGE PLOT



HORIZONTAL DATA

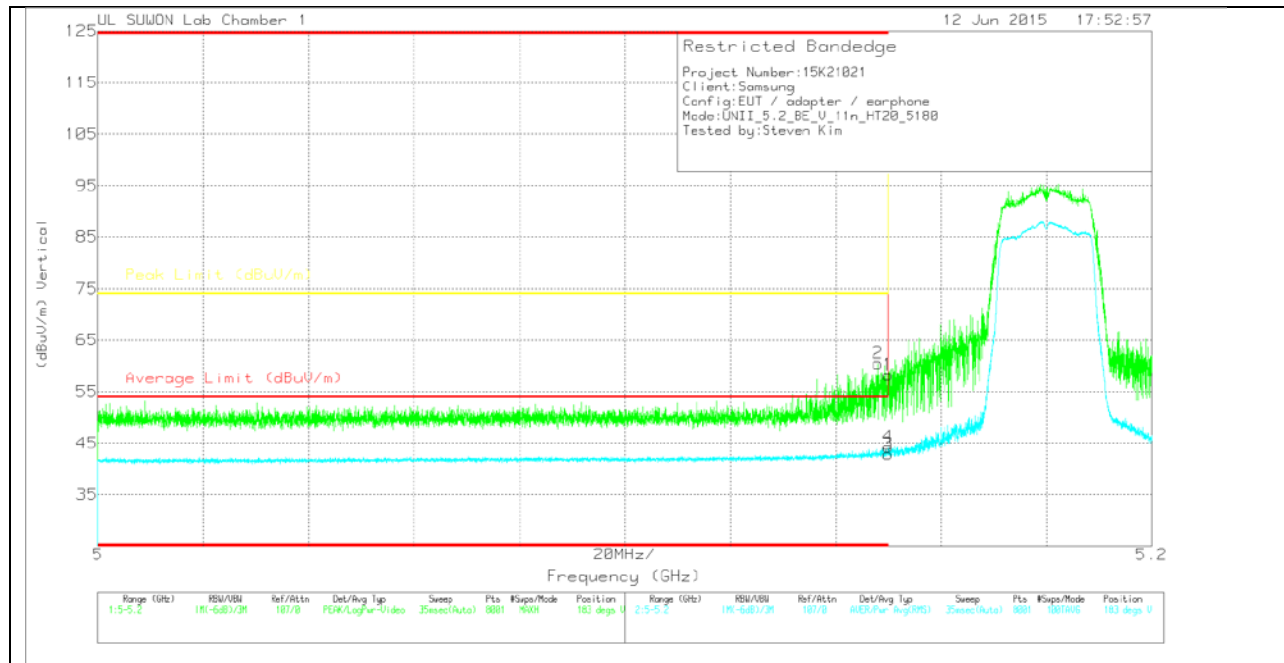
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	31150 Factor	Path_2_10dB	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 5.15	47.65	Pk	32.7	-19.4	0	60.95	-	-	74	-13.05	154	100	H
2	* 5.147	51.24	Pk	32.7	-19.4	0	64.54	-	-	74	-9.46	154	100	H
3	* 5.15	30.31	RMS	32.7	-19.4	.32	43.93	54	-10.07	-	-	154	100	H
4	* 5.15	32.27	RMS	32.7	-19.4	.32	45.89	54	-8.11	-	-	154	100	H

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

PK - Peak detector

RMS - RMS detection

VERTICAL PEAK AND AVERAGE PLOT



VERTICAL DATA

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	3115D Factor	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	* 5.15	44.98	Pk	32.7	-19.4	0	58.28	-	-	74	-15.72	183	218	V
2	* 5.148	47.2	Pk	32.7	-19.4	0	60.5	-	-	74	-13.5	183	218	V
3	* 5.15	29.27	RMS	32.7	-19.4	.32	42.89	54	-11.11	-	-	183	218	V
4	* 5.15	30.69	RMS	32.7	-19.4	.32	44.31	54	-9.69	-	-	183	218	V

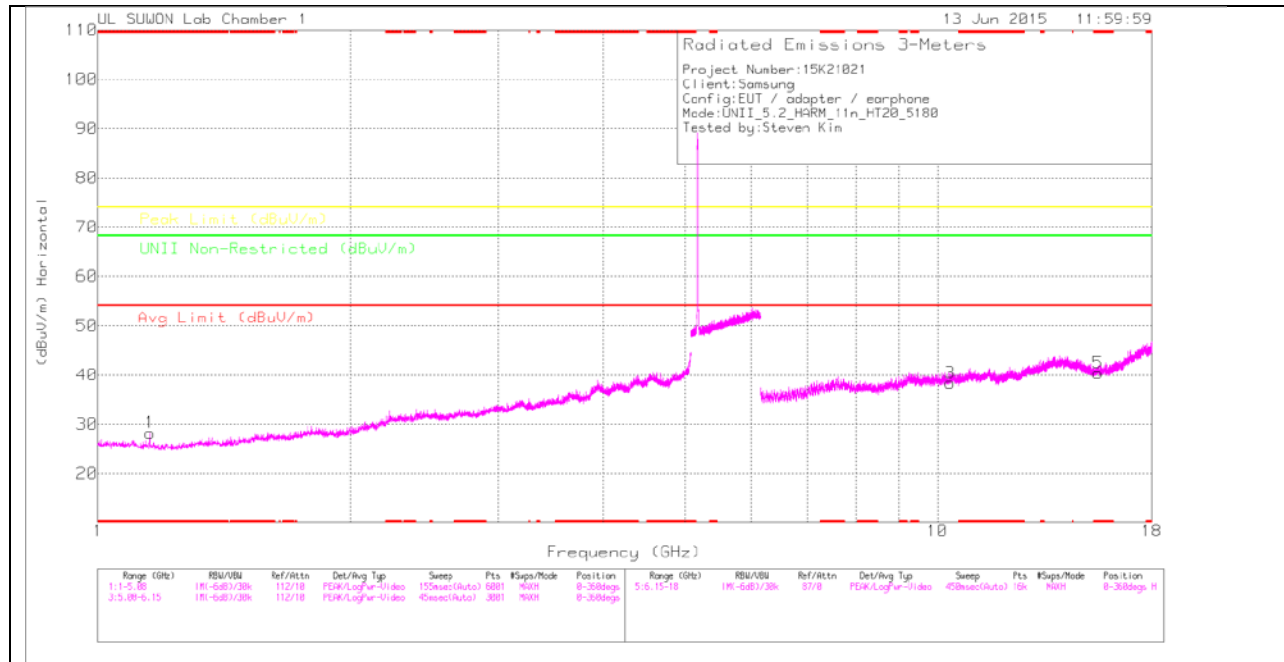
* - indicates frequency in CFR15.205/IC7.2.2 Restricted Band

PK - Peak detector

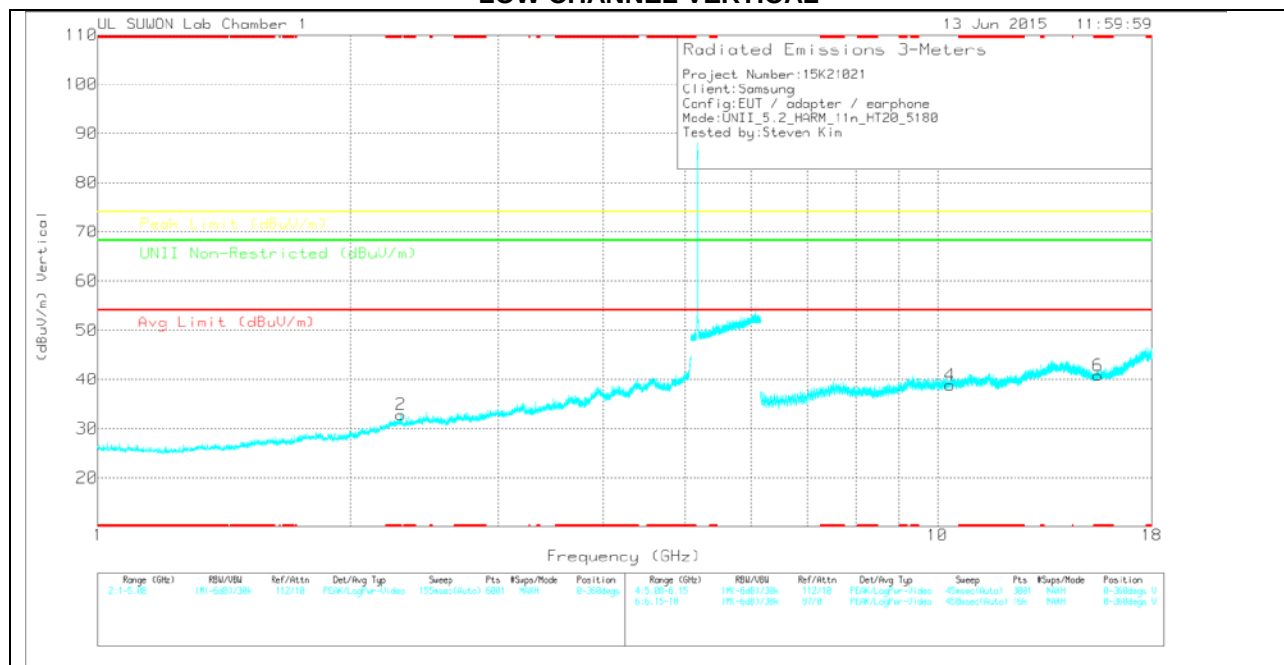
RMS - RMS detection

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	3115D Factor	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	* 1.152	38.54	PK	24	-34.3	0	28.24	-	-	74	-45.76	-	-	0-360	200	H
2	* 2.294	37.14	PK	27.8	-32.1	0	32.84	-	-	74	-41.16	-	-	0-360	100	V
3	10.36	20.96	PK	38.3	-20.9	0	38.36	-	-	-	-	68.2	-29.84	0-360	200	H
5	* 15.541	21.6	PK	38.6	-19.8	0	40.4	-	-	74	-33.6	-	-	0-360	100	H
4	10.359	21.53	PK	38.3	-21	0	38.83	-	-	-	-	68.2	-29.37	0-360	200	V
6	* 15.54	22.01	PK	38.6	-19.8	0	40.81	-	-	74	-33.19	-	-	0-360	200	V

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

PK – Peak detector

Radiated Emissions

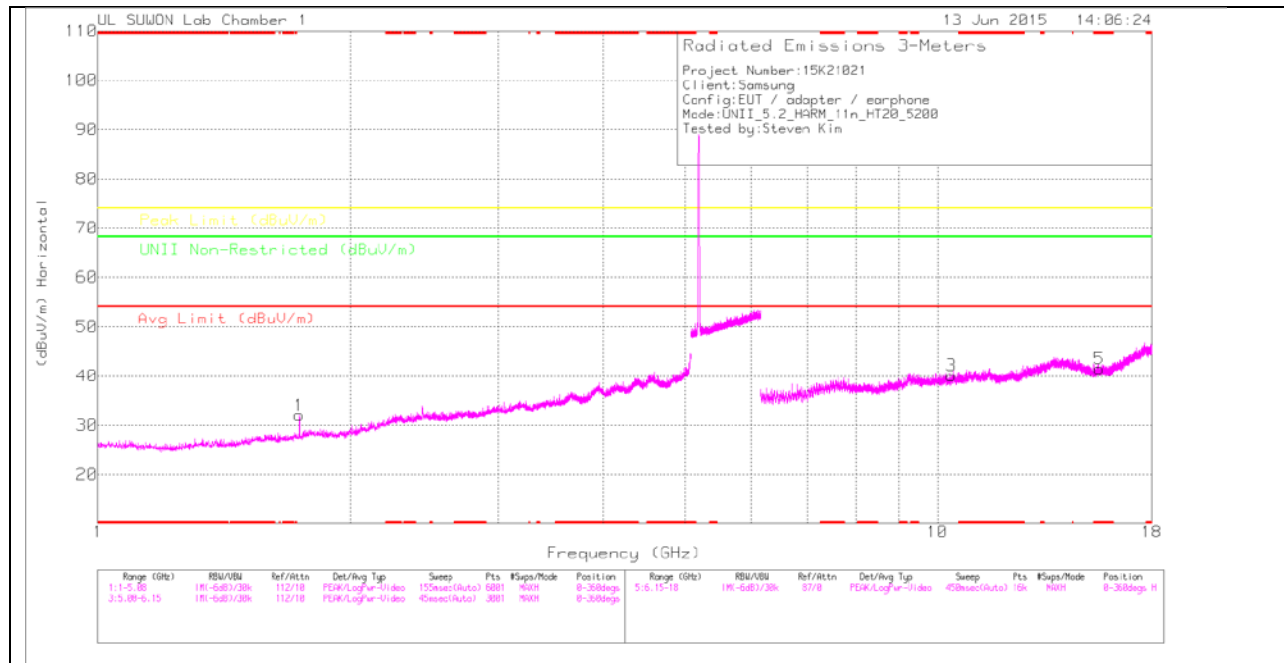
Frequency (GHz)	Meter Reading (dBuV)	Det	3115D Factor	Path_4_5GLP	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	UNII Non-Restricted (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
* 1.152	43.92	PK1	24	-34.3	0	33.62	-	-	74	-40.38	-	-	357	200	H
* 1.152	32	AD1	24	-34.3	0	21.7	54	-32.3	-	-	-	-	357	200	H
* 2.293	43.04	PK1	27.8	-32.1	0	38.74	-	-	74	-35.26	-	-	173	400	V
* 2.292	30.71	AD1	27.8	-32.1	0	26.41	54	-27.59	-	-	-	-	173	400	V
10.358	19.76	AD1	38.3	-21	.32	37.38	-	-	-	-	-	-	239	100	H
* 15.539	20.15	AD1	38.6	-19.8	.32	39.27	54	-14.73	-	-	-	-	60	217	H
10.358	19.83	AD1	38.3	-21	.32	37.45	-	-	-	-	-	-	284	151	V
* 15.539	19.86	AD1	38.6	-19.8	.32	38.98	54	-15.02	-	-	-	-	254	309	V
10.361	32.76	PK1	38.3	-20.9	0	50.16	-	-	-	-	68.2	-18.04	239	100	H
* 15.539	32.4	PK1	38.6	-19.8	0	51.2	-	-	74	-22.8	-	-	60	217	H
10.359	32.35	PK1	38.3	-21	0	49.65	-	-	-	-	68.2	-18.55	284	151	V
* 15.539	32.66	PK1	38.6	-19.8	0	51.46	-	-	74	-22.54	-	-	254	309	V

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

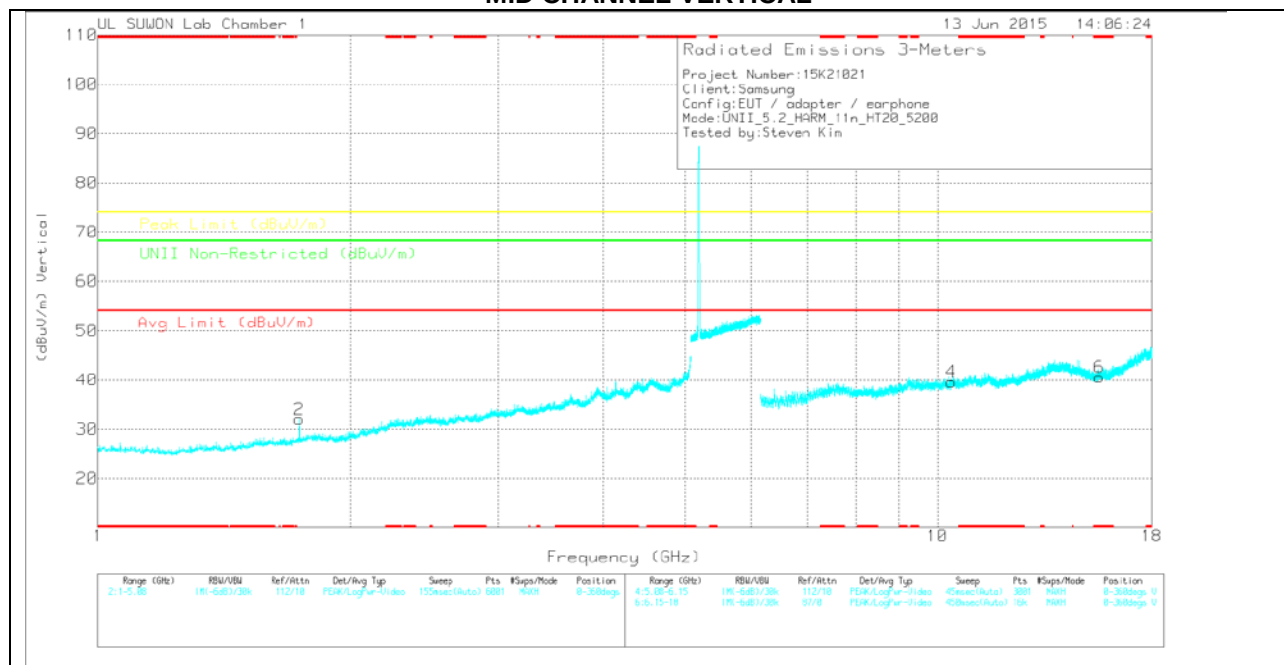
PK1 - KDB789033 Method: Peak

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	3115D Factor	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	1.736	39.8	PK	25.2	-33	0	32	-	-	-	-	68.2	-36.2	0-360	200	H
2	1.736	39.83	PK	25.2	-33	0	32.03	-	-	-	-	68.2	-36.17	0-360	200	V
3	10.4	22.39	PK	38.3	-20.6	0	40.09	-	-	-	-	68.2	-28.11	0-360	200	H
5	* 15.601	22.64	PK	38.6	-19.8	0	41.44	-	-	74	-32.56	-	-	0-360	200	H
4	10.4	21.89	PK	38.3	-20.6	0	39.59	-	-	-	-	68.2	-28.61	0-360	100	V
6	* 15.601	21.78	PK	38.6	-19.8	0	40.58	-	-	74	-33.42	-	-	0-360	100	V

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

PK – Peak Detector

Radiated Emissions

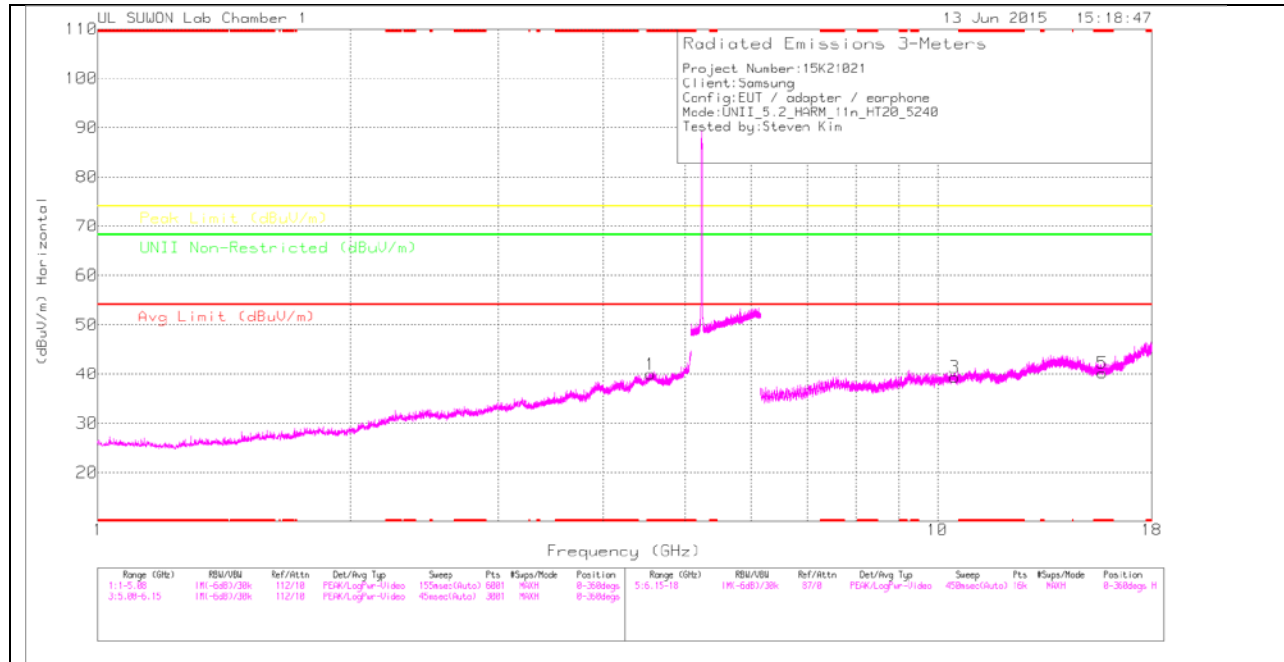
Frequency (GHz)	Meter Reading (dBuV)	Det	3115D Factor	Path_4_5G LP	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	UNII Non-Restricted (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1.738	46.22	PK1	25.2	-33	0	38.42	-	-	-	-	68.2	-29.78	358	200	H
1.735	31.33	AD1	25.2	-33	0	23.53	-	-	-	-	-	-	358	200	H
1.736	45.76	PK1	25.2	-33	0	37.96	-	-	-	-	68.2	-30.24	332	367	V
1.737	31.25	AD1	25.2	-33	0	23.45	-	-	-	-	-	-	332	367	V
10.402	22.33	AD1	38.3	-20.6	.32	40.35	-	-	-	-	-	-	280	204	H
* 15.599	18.2	AD1	38.6	-19.8	.32	37.32	54	-16.68	-	-	-	-	210	220	H
10.399	21.04	AD1	38.3	-20.6	.32	39.06	-	-	-	-	-	-	252	140	V
* 15.602	19.28	AD1	38.6	-19.8	.32	38.4	54	-15.6	-	-	-	-	307	136	V
10.399	32.79	PK1	38.3	-20.6	0	50.49	-	-	-	-	68.2	-17.71	280	204	H
* 15.601	32.18	PK1	38.6	-19.8	0	50.98	-	-	74	-23.02	-	-	210	220	H
10.399	32.76	PK1	38.3	-20.6	0	50.46	-	-	-	-	68.2	-17.74	252	140	V
* 15.6	32.51	PK1	38.6	-19.8	0	51.31	-	-	74	-22.69	-	-	307	136	V

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

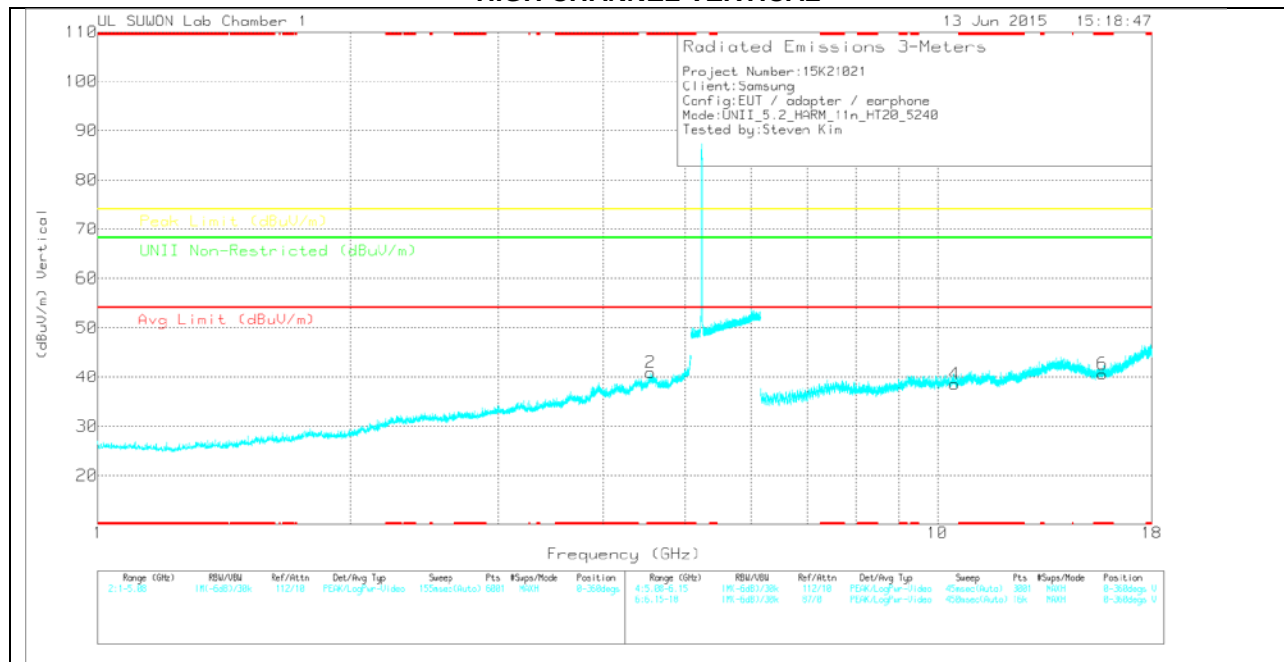
PK1 - KDB789033 Method: Peak

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	3115D Factor	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	* 4.55	35.91	PK	31.8	-27.8	0	39.91	-	-	74	-34.09	-	-	0-360	200	H
2	* 4.55	36.9	PK	31.8	-27.8	0	40.9	-	-	74	-33.1	-	-	0-360	100	V
3	10.48	22.24	PK	38.4	-21.3	0	39.34	-	-	-	-	68.2	-28.86	0-360	200	H
5	* 15.721	21.38	PK	38.6	-19.8	0	40.18	-	-	74	-33.82	-	-	0-360	200	H
4	10.48	21.46	PK	38.4	-21.3	0	38.56	-	-	-	-	68.2	-29.64	0-360	100	V
6	* 15.721	21.83	PK	38.6	-19.8	0	40.63	-	-	74	-33.37	-	-	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	3115D Factor	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
* 4.551	43.12	PK1	31.8	-27.8	0	47.12	-	-	74	-26.88	-	-	358	207	H
* 4.549	32.26	AD1	31.8	-27.8	0	36.26	54	-17.74	-	-	-	-	358	207	H
* 4.551	42.71	PK1	31.8	-27.8	0	46.71	-	-	74	-27.29	-	-	258	108	V
* 4.55	30.29	AD1	31.8	-27.8	0	34.29	54	-19.71	-	-	-	-	258	108	V
10.482	21.03	AD1	38.4	-21.3	.32	38.45	-	-	-	-	-	-	125	229	H
* 15.721	18.26	AD1	38.6	-19.8	.32	37.38	54	-16.62	-	-	-	-	169	202	H
10.481	18.29	AD1	38.4	-21.3	.32	35.71	-	-	-	-	-	-	211	147	V
* 15.722	17.42	AD1	38.6	-19.8	.32	36.54	54	-17.46	-	-	-	-	277	116	V
10.481	32.57	PK1	38.4	-21.3	0	49.67	-	-	-	-	68.2	-18.53	125	229	H
* 15.721	32.2	PK1	38.6	-19.8	0	51	-	-	74	-23	-	-	169	202	H
10.479	32.62	PK1	38.4	-21.3	0	49.72	-	-	-	-	68.2	-18.48	211	147	V
* 15.72	31.75	PK1	38.6	-19.8	0	50.55	-	-	74	-23.45	-	-	277	116	V

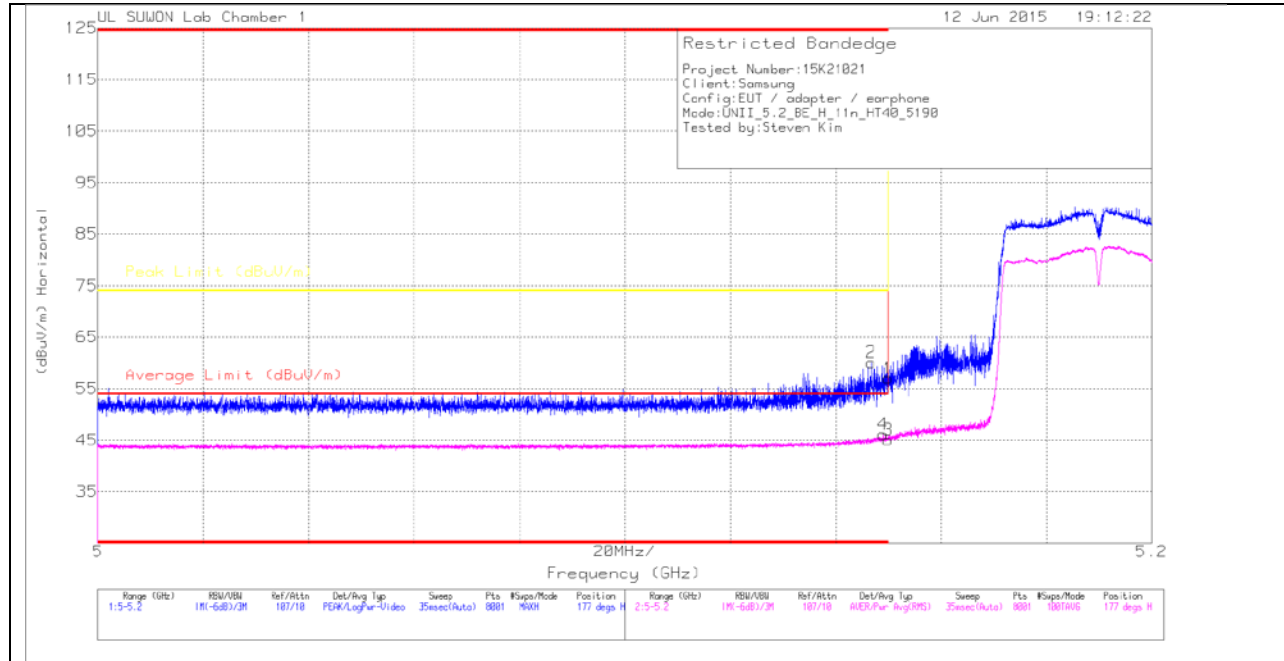
* - indicates frequency in CFR15.205/IC7.2.2 Restricted Band

PK1 - KDB789033 Method: Peak

AD1 - KDB789033 Method: AD Primary Power Average

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

HORIZONTAL PEAK AND AVERAGE PLOT



HORIZONTAL DATA

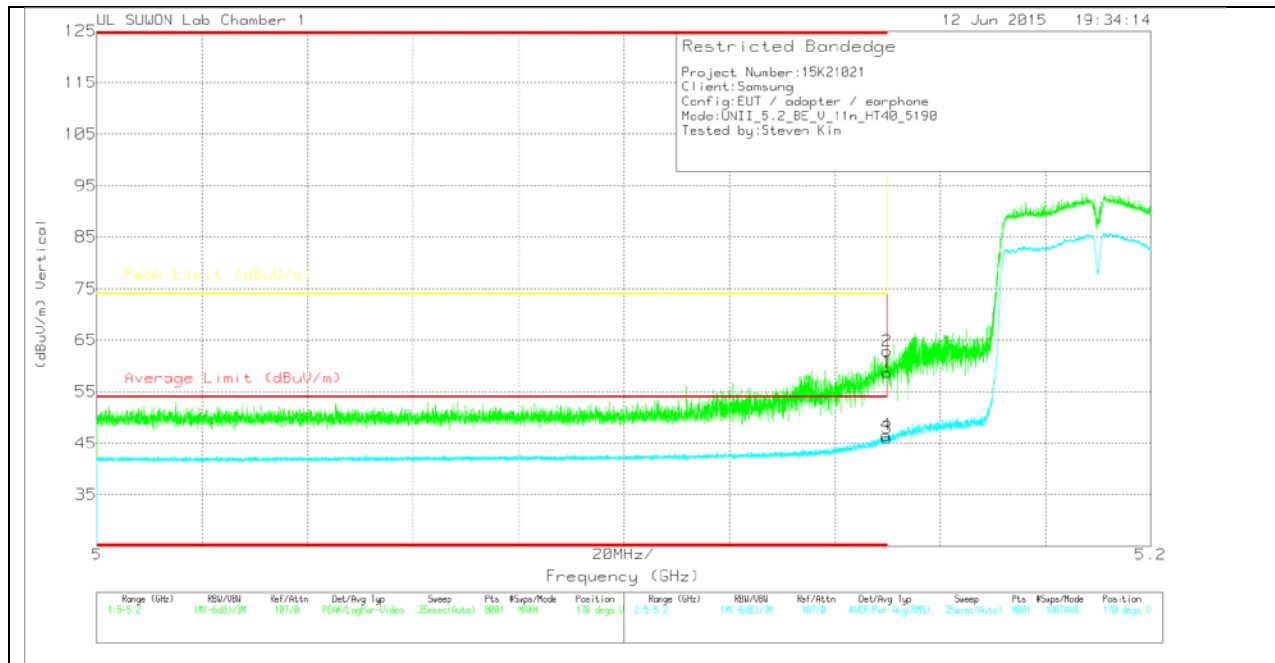
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	3115D Factor	Path_2_10dB	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 5.15	43.68	Pk	32.7	-19.4	0	56.98	-	-	74	-17.02	177	196	H
2	* 5.147	46.8	Pk	32.7	-19.4	0	60.1	-	-	74	-13.9	177	196	H
3	* 5.15	31.14	RMS	32.7	-19.4	.63	45.07	54	-8.93	-	-	177	196	H
4	* 5.149	32.22	RMS	32.7	-19.4	.63	46.15	54	-7.85	-	-	177	196	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	3115D Factor	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	* 5.15	45.47	Pk	32.7	-19.4	0	58.77	-	-	74	-15.23	170	243	V
2	* 5.15	49.6	Pk	32.7	-19.4	0	62.9	-	-	74	-11.1	170	243	V
3	* 5.15	32.08	RMS	32.7	-19.4	.63	46.01	54	-7.99	-	-	170	243	V
4	* 5.15	32.63	RMS	32.7	-19.4	.63	46.56	54	-7.44	-	-	170	243	V

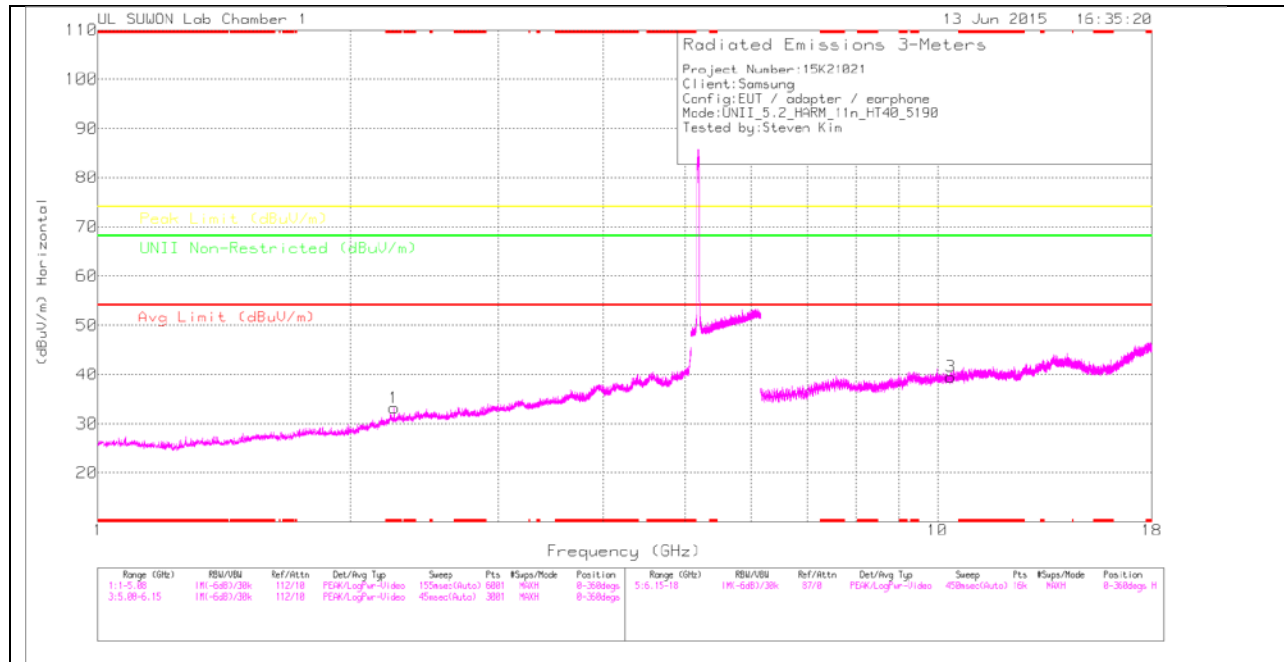
* - indicates frequency in CFR15.205/IC7.2.2 Restricted Band

PK - Peak detector

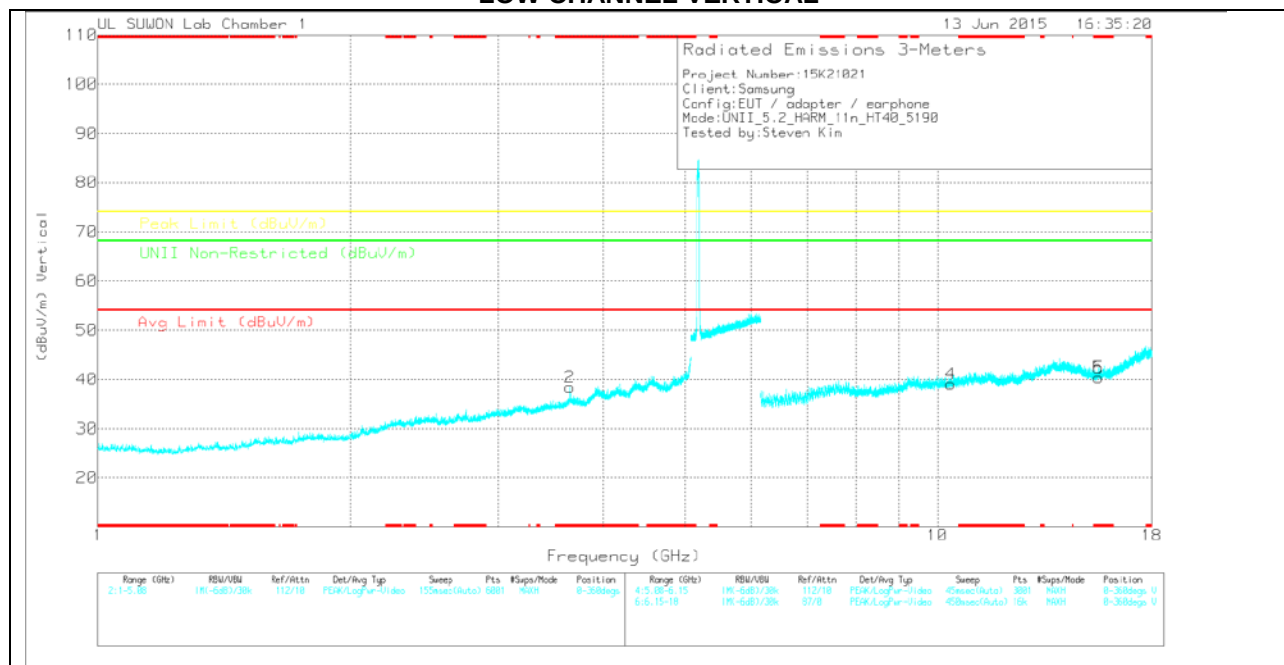
RMS - RMS detection

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	3115D Factor	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	* 2.253	37.33	PK	27.8	-32	0	33.13	-	-	74	-40.87	-	-	0-360	100	H
2	* 3.647	38.02	PK	30	-29.6	0	38.42	-	-	74	-35.58	-	-	0-360	100	V
3	10.38	21.99	PK	38.3	-20.8	0	39.49	-	-	-	-	68.2	-28.71	0-360	100	H
4	10.38	21.54	PK	38.3	-20.8	0	39.04	-	-	-	-	68.2	-29.16	0-360	100	V
5	* 15.57	21.56	PK	38.6	-19.8	0	40.36	-	-	74	-33.64	-	-	0-360	200	V
6	* 15.57	21.56	PK	38.6	-19.8	0	40.36	-	-	74	-33.64	-	-	0-360	200	V

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

PK – Peak Detector

Radiated Emissions

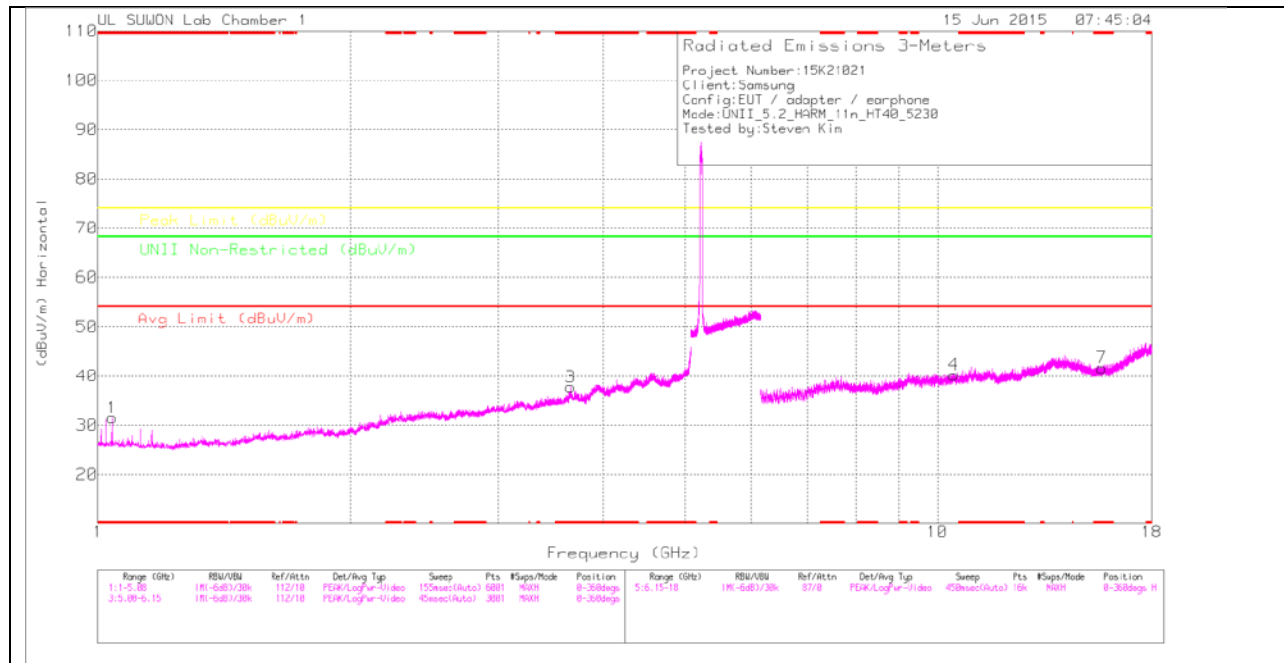
Frequency (GHz)	Meter Reading (dBuV)	Det	3115D Factor	Path_4_5GLP	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	UNII Non-Restricted (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
* 2.251	42.31	PK1	27.8	-32	0	38.11	-	-	74	-35.89	-	-	121	160	H
* 2.253	30.23	AD1	27.8	-32	0	26.03	54	-27.97	-	-	-	-	121	160	H
* 3.648	43.68	PK1	30	-29.6	0	44.08	-	-	74	-29.92	-	-	0	252	V
* 3.649	31.04	AD1	30	-29.6	0	31.44	54	-22.56	-	-	-	-	0	252	V
10.381	20.24	AD1	38.3	-20.8	.63	38.37	-	-	-	-	-	-	171	247	H
10.38	20	AD1	38.3	-20.8	.63	38.13	-	-	-	-	-	-	26	400	V
* 15.57	20.72	AD1	38.6	-19.8	.63	40.15	54	-13.85	-	-	-	-	142	120	V
* 15.57	20.57	AD1	38.6	-19.8	.63	40	54	-14	-	-	-	-	311	109	V
10.382	33.27	PK1	38.3	-20.8	0	50.77	-	-	-	-	68.2	-17.43	171	247	H
10.379	32.61	PK1	38.3	-20.8	0	50.11	-	-	-	-	68.2	-18.09	26	400	V
* 15.569	33.52	PK1	38.6	-19.8	0	52.32	-	-	74	-21.68	-	-	142	120	V
* 15.571	32.64	PK1	38.6	-19.8	0	51.44	-	-	74	-22.56	-	-	311	109	V

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

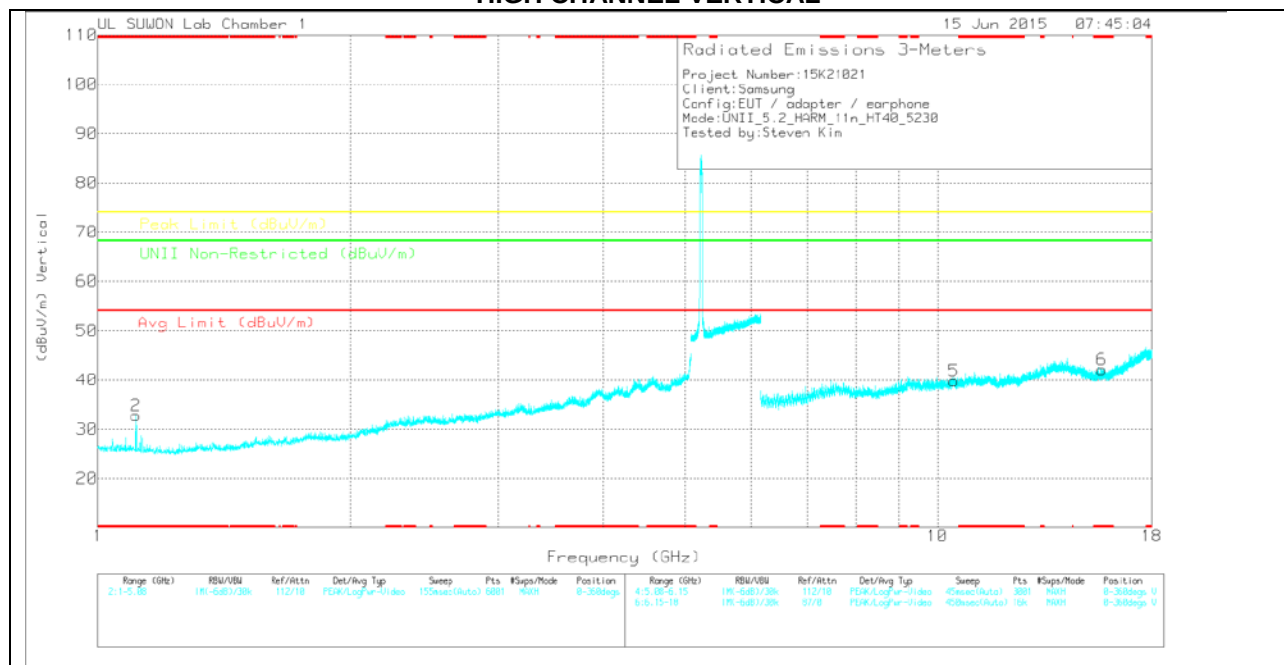
PK1 - KDB789033 Method: Peak

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	3115D Factor	Path_4_5G LP	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	UNIT Non-Restricted (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 1.039	41.6	PK	24.5	-34.6	0	31.5	-	-	74	-42.5	-	-	0-360	100	H
3	* 3.655	37.33	PK	30	-29.6	0	37.73	-	-	74	-36.27	-	-	0-360	100	H
2	* 1.109	42.85	PK	24.2	-34.3	0	32.75	-	-	74	-41.25	-	-	0-360	100	V
4	10.46	23.14	PK	38.4	-21.3	0	40.24	-	-	-	-	68.2	-27.96	0-360	100	H
7	* 15.702	22.96	PK	38.6	-19.9	0	41.66	-	-	74	-32.34	-	-	0-360	100	H
5	10.459	22.67	PK	38.4	-21.3	0	39.77	-	-	-	-	68.2	-28.43	0-360	100	V
6	* 15.704	23.41	PK	38.6	-19.9	0	42.11	-	-	74	-31.89	-	-	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	3115D Factor	Path_4_5G LP	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	UNIT Non-Restricted (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
* 1.039	44.13	PK1	24.5	-34.6	0	34.03	-	-	74	-39.97	-	-	61	139	H
* 1.04	31.96	AD1	24.5	-34.6	0	21.86	54	-32.14	-	-	-	-	61	139	H
* 3.657	43.68	PK1	30	-29.6	0	44.08	-	-	74	-29.92	-	-	339	386	H
* 3.655	31.26	AD1	30	-29.6	0	31.66	54	-22.34	-	-	-	-	339	386	H
* 1.111	44.03	PK1	24.2	-34.3	0	33.93	-	-	74	-40.07	-	-	37	385	V
* 1.108	32.2	AD1	24.2	-34.3	0	22.1	54	-31.9	-	-	-	-	37	385	V
10.461	20.35	AD1	38.4	-21.3	.63	38.08	-	-	-	-	-	-	159	116	H
* 15.701	20.24	AD1	38.6	-19.9	.63	39.57	54	-14.43	-	-	-	-	86	308	H
10.458	20.11	AD1	38.4	-21.2	.63	37.94	-	-	-	-	-	-	21	342	V
* 15.704	20.27	AD1	38.6	-19.9	.63	39.6	54	-14.4	-	-	-	-	75	369	V
10.459	32.78	PK1	38.4	-21.3	0	49.88	-	-	-	-	68.2	-18.32	159	116	H
* 15.703	33.29	PK1	38.6	-19.9	0	51.99	-	-	74	-22.01	-	-	86	308	H
10.461	32.54	PK1	38.4	-21.3	0	49.64	-	-	-	-	68.2	-18.56	21	342	V
* 15.704	32.9	PK1	38.6	-19.9	0	51.6	-	-	74	-22.4	-	-	75	369	V

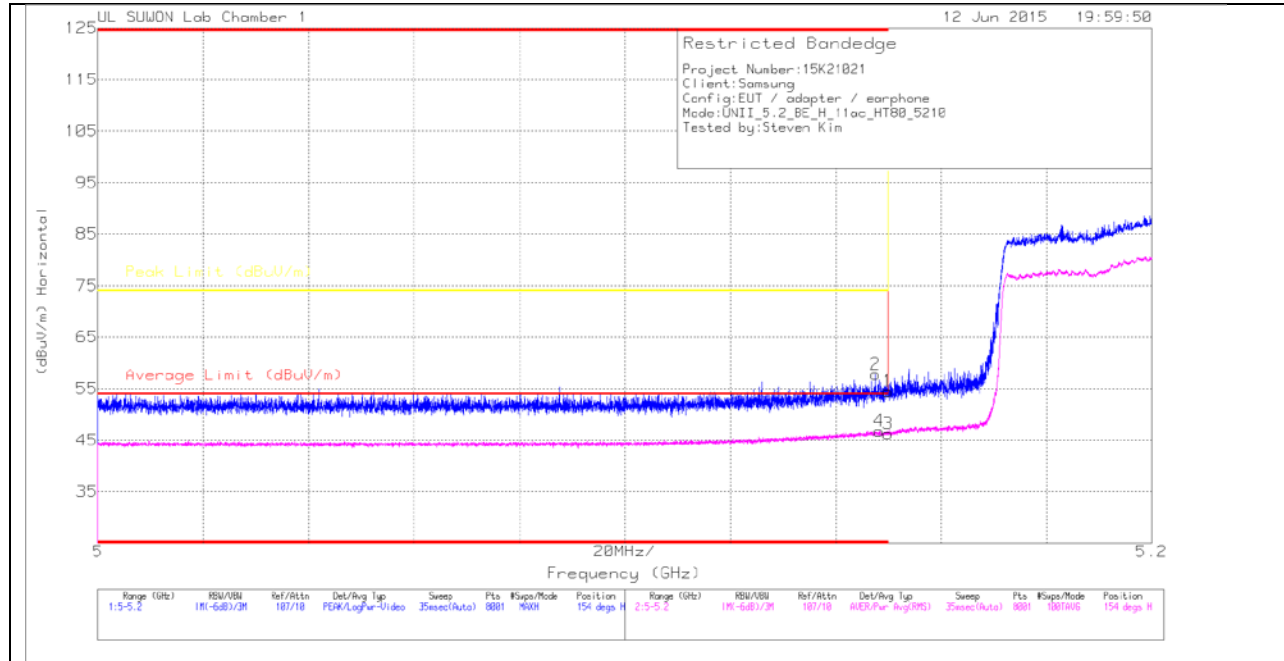
* - indicates frequency in CFR15.205/IC7.2.2 Restricted Band

PK1 - KDB789033 Method: Peak

AD1 - KDB789033 Method: AD Primary Power Average

11.1.4. TX ABOVE 1 GHz 802.11ac VHT80 MODE IN THE 5.2 GHz BAND RESTRICTED BANDEDGE (LOW CHANNEL)

HORIZONTAL PEAK AND AVERAGE PLOT



HORIZONTAL DATA

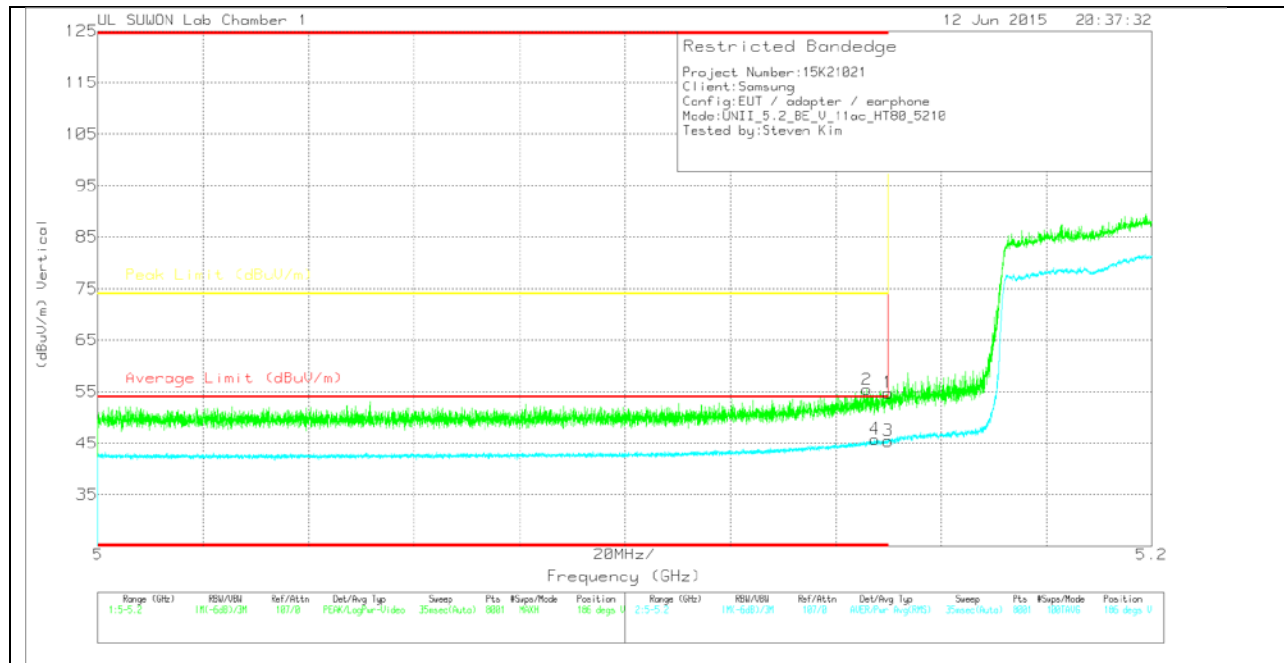
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	3115D Factor	Path_2_10dB	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 5.15	41.2	Pk	32.7	-19.4	0	54.5	-	-	74	-19.5	154	168	H
2	* 5.148	44.49	Pk	32.7	-19.4	0	57.79	-	-	74	-16.21	154	168	H
3	* 5.15	31.78	RMS	32.7	-19.4	1.18	46.26	54	-7.74	-	-	154	168	H
4	* 5.148	32.3	RMS	32.7	-19.4	1.18	46.78	54	-7.22	-	-	154	168	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	3115D Factor	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	* 5.15	41.45	Pk	32.7	-19.4	0	54.75	-	-	74	-19.25	186	239	V
2	* 5.146	42.1	Pk	32.7	-19.4	0	55.4	-	-	74	-18.6	186	239	V
3	* 5.15	30.99	RMS	32.7	-19.4	1.18	45.47	54	-8.53	-	-	186	239	V
4	* 5.147	31.33	RMS	32.7	-19.4	1.18	45.81	54	-8.19	-	-	186	239	V

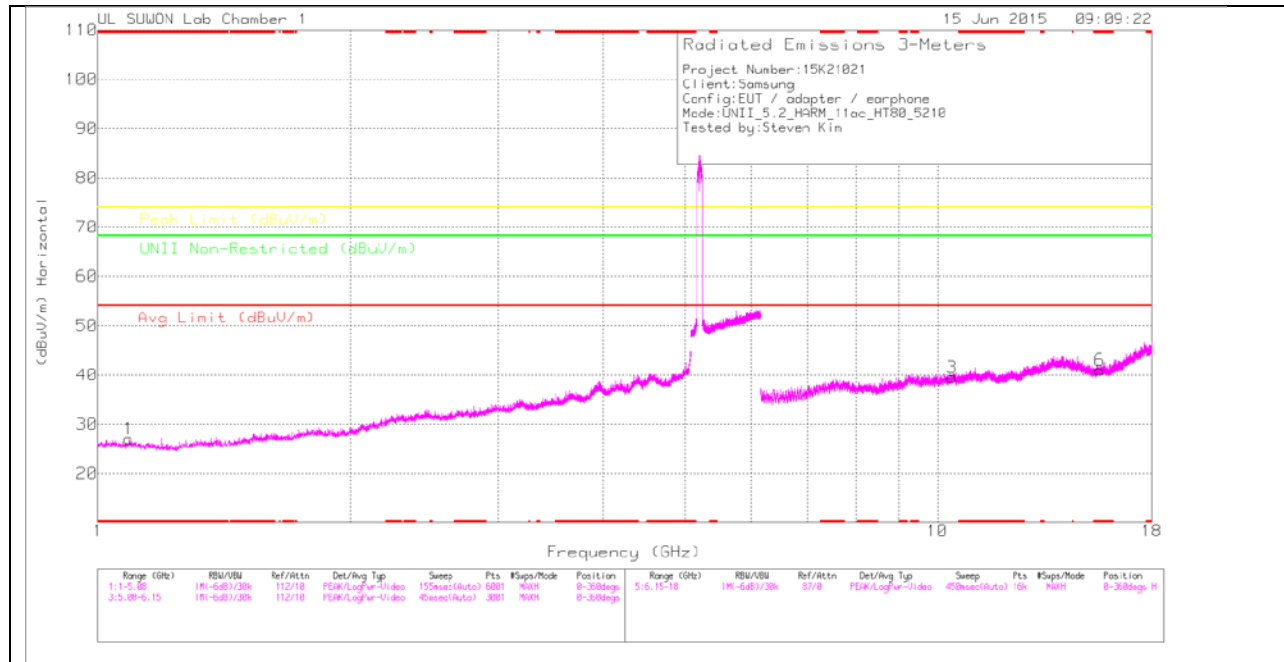
* - indicates frequency in CFR15.205/IC7.2.2 Restricted Band

PK - Peak detector

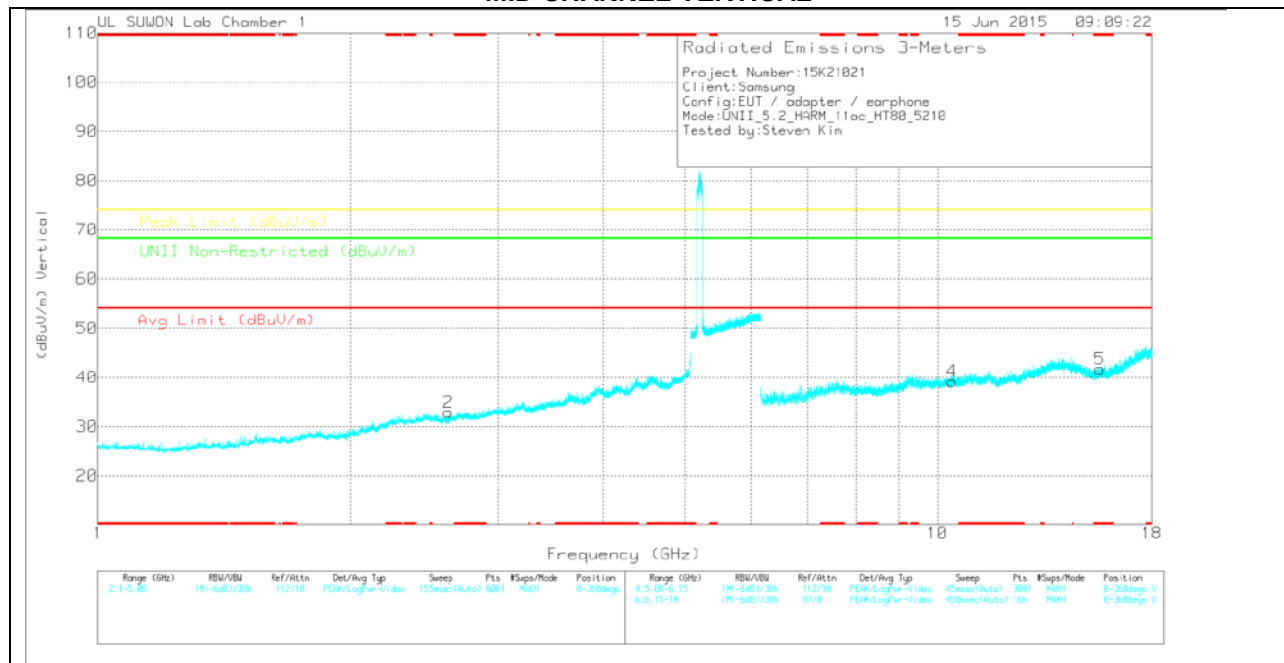
RMS - RMS detection

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	3115D Factor	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	* 1.088	37	PK	24.3	-34.3	0	27	-	-	74	-47	-	-	0-360	200	H
2	2.614	36.93	PK	27.9	-31.9	0	32.93	-	-	-	-	68.2	-35.27	0-360	200	V
3	10.416	22.03	PK	38.3	-20.8	0	39.53	-	-	-	-	68.2	-28.67	0-360	100	H
6	* 15.625	22.09	PK	38.6	-19.7	0	40.99	-	-	74	-33.01	-	-	0-360	200	H
4	10.416	21.7	PK	38.3	-20.8	0	39.2	-	-	-	-	68.2	-29	0-360	100	V
5	* 15.624	22.83	PK	38.6	-19.7	0	41.73	-	-	74	-32.27	-	-	0-360	100	V

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

PK – Peak detector

Radiated Emissions

Frequency (GHz)	Meter Reading (dBuV)	Det	3115D Factor	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
* 1.089	43.58	PK1	24.3	-34.3	0	33.58	-	-	74	-40.42	-	-	301	331	H
* 1.088	31.96	AD1	24.3	-34.3	0	21.96	54	-32.04	-	-	-	-	301	331	H
2.612	42.48	PK1	27.9	-31.9	0	38.48	-	-	-	-	68.2	-29.72	92	134	V
2.615	30.02	AD1	27.9	-31.9	0	26.02	-	-	-	-	-	-	92	134	V
10.417	19.53	AD1	38.3	-20.8	1.18	38.21	-	-	-	-	-	-	84	197	H
* 15.623	19.91	AD1	38.6	-19.7	1.18	39.99	54	-14.01	-	-	-	-	42	395	H
10.415	19.53	AD1	38.3	-20.8	1.18	38.21	-	-	-	-	-	-	22	182	V
* 15.626	20.71	AD1	38.6	-19.7	1.18	40.79	54	-13.21	-	-	-	-	78	146	V
10.418	32.61	PK1	38.3	-20.8	0	50.11	-	-	-	-	68.2	-18.09	84	197	H
* 15.626	32.4	PK1	38.6	-19.7	0	51.3	-	-	74	-22.7	-	-	42	395	H
10.416	32.24	PK1	38.3	-20.8	0	49.74	-	-	-	-	68.2	-18.46	22	182	V
* 15.625	32.67	PK1	38.6	-19.7	0	51.57	-	-	74	-22.43	-	-	78	146	V

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

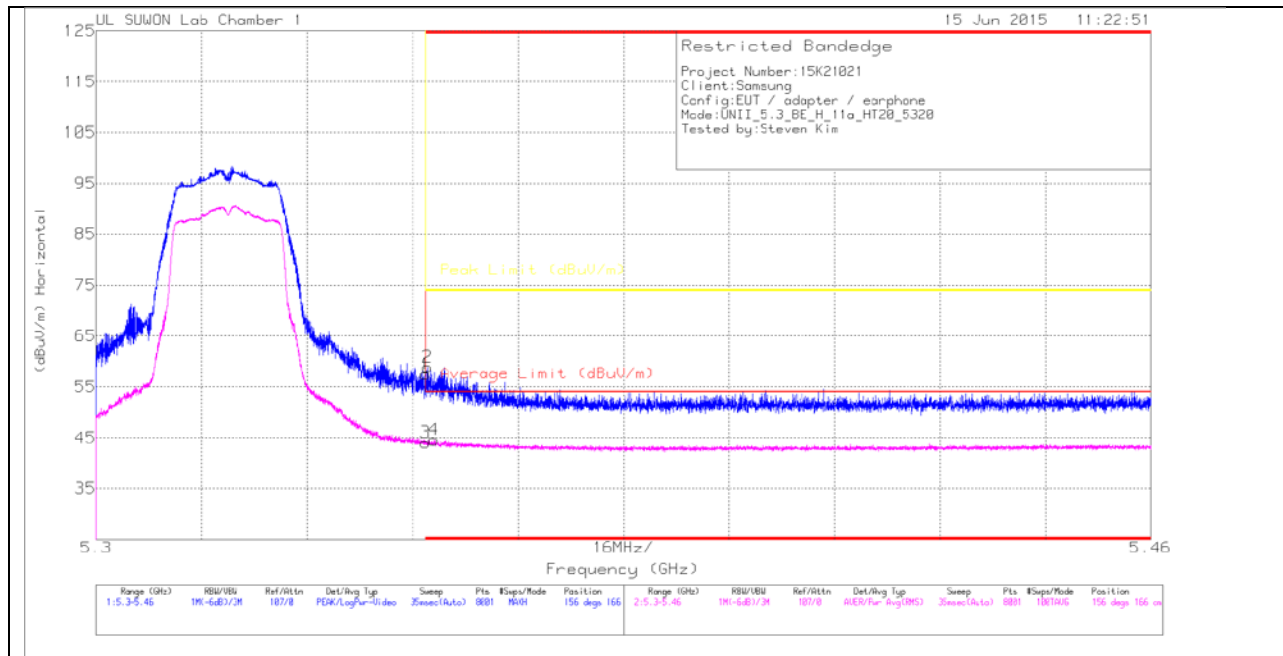
PK1 - KDB789033 Method: Peak

AD1 - KDB789033 Method: AD Primary Power Average

11.2. 5.3 GHz

11.2.1. TX ABOVE 1 GHz 802.11a MODE IN THE 5.3 GHz BAND AUTHORIZED BANDEDGE (HIGH CHANNEL)

HORIZONTAL PEAK AND AVERAGE PLOT



HORIZONTAL DATA

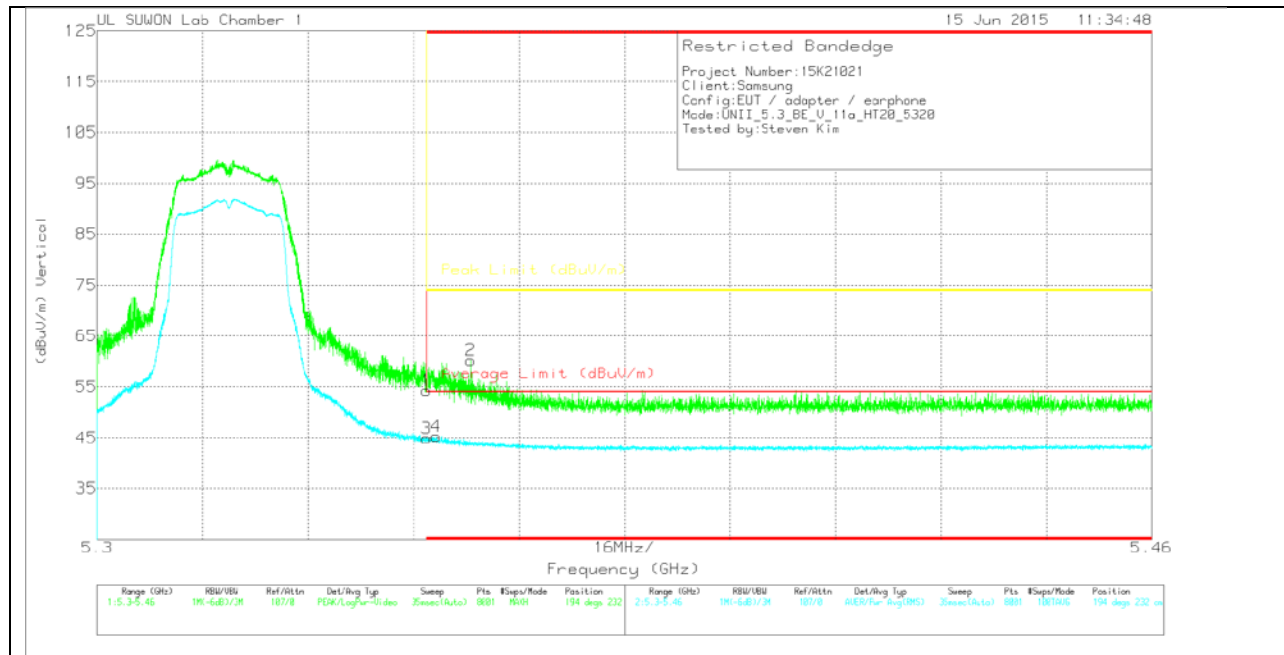
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	3115D Factor	Path_2_10dB	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 5.35	43.82	Pk	33.3	-19.6	0	57.52	-	-	74	-16.48	156	166	H
2	* 5.35	45.22	Pk	33.3	-19.6	0	58.92	-	-	74	-15.08	156	166	H
3	* 5.35	30.08	RMS	33.3	-19.6	.3	44.08	54	-9.92	-	-	156	166	H
4	* 5.351	30.58	RMS	33.3	-19.6	.3	44.58	54	-9.42	-	-	156	166	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	31150 Factor	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	40.62	Pk	33.3	-19.6	0	54.32	-	-	74	-19.68	194	232	V
2	* 5.357	46.5	Pk	33.3	-19.6	0	60.2	-	-	74	-13.8	194	232	V
3	* 5.35	30.87	RMS	33.3	-19.6	.3	44.87	54	-9.13	-	-	194	232	V
4	* 5.351	31.23	RMS	33.3	-19.6	.3	45.23	54	-8.77	-	-	194	232	V

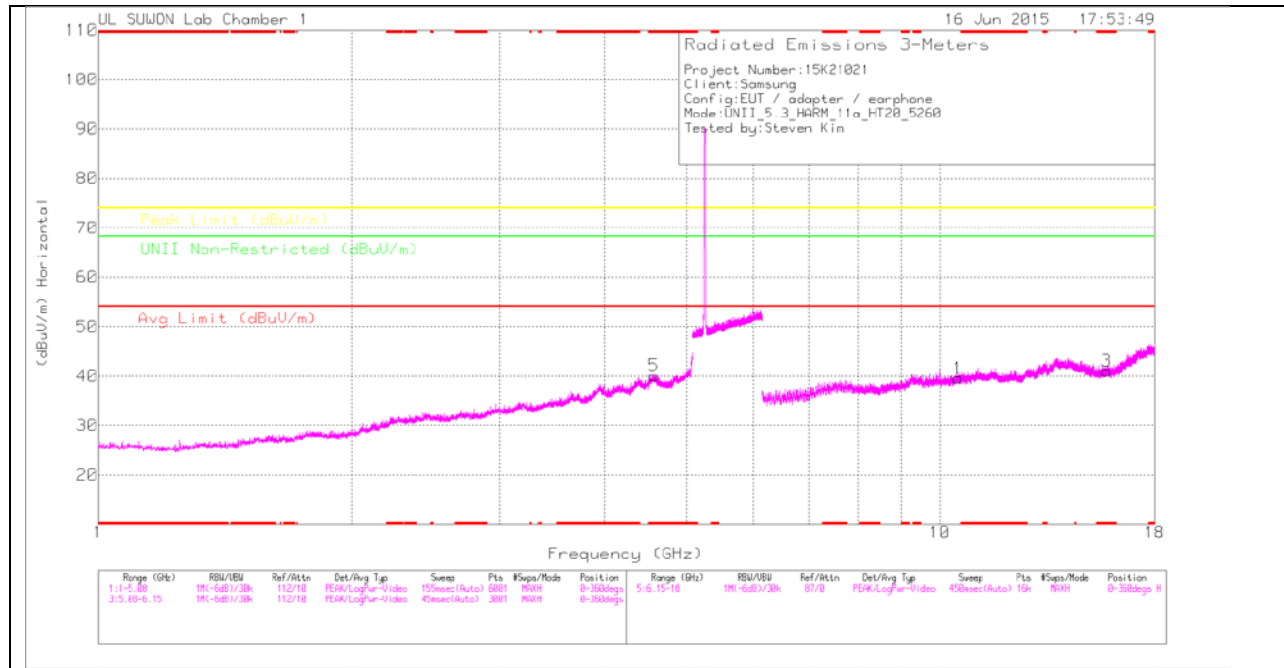
* - indicates frequency in CFR15.205/IC7.2.2 Restricted Band

PK - Peak detector

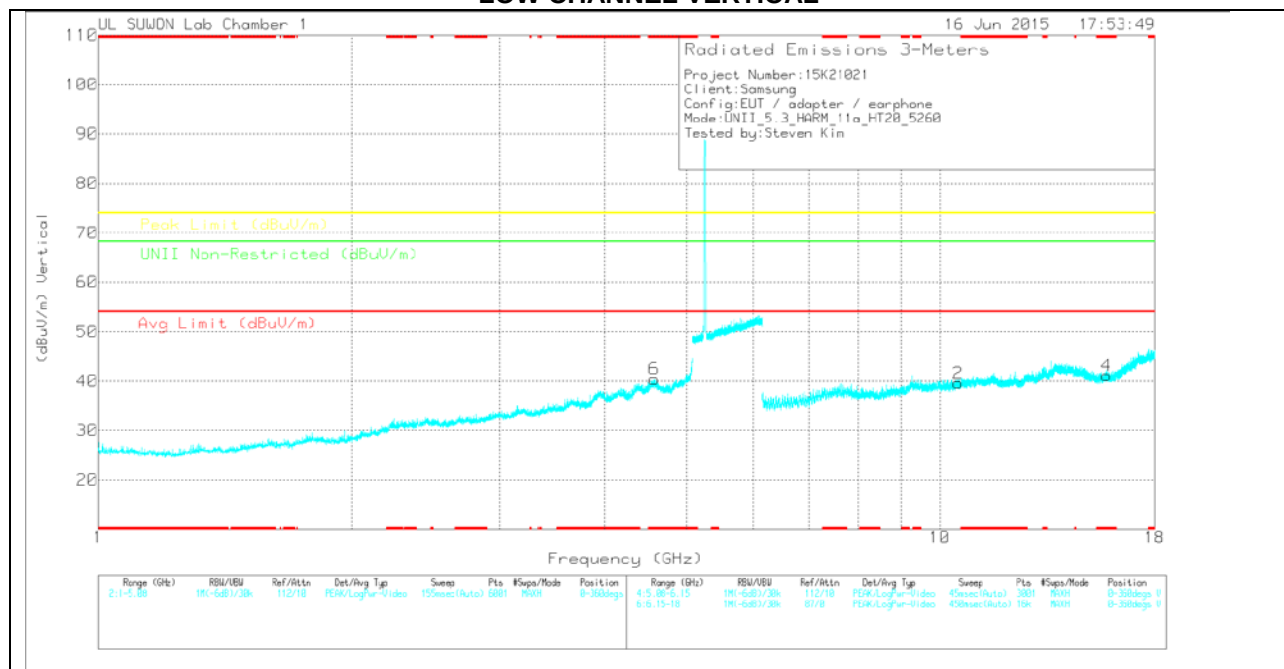
RMS - RMS detection

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	3115D Factor	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	10.519	22.46	PK	38.4	-21.3	0	39.56	-	-	-	-	68.2	-28.64	0-360	100	H
3	* 15.781	21.65	PK	38.6	-19.2	0	41.05	-	-	74	-32.95	-	-	0-360	200	H
2	10.519	22.46	PK	38.4	-21.3	0	39.56	-	-	-	-	68.2	-28.64	0-360	100	V
4	* 15.781	21.69	PK	38.6	-19.2	0	41.09	-	-	74	-32.91	-	-	0-360	200	V
5	* 4.575	36.23	PK	31.8	-27.9	0	40.13	-	-	74	-33.87	-	-	0-360	100	H
6	* 4.577	36.53	PK	31.8	-27.9	0	40.43	-	-	74	-33.57	-	-	0-360	100	V

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

PK – Peak Detector

Radiated Emissions

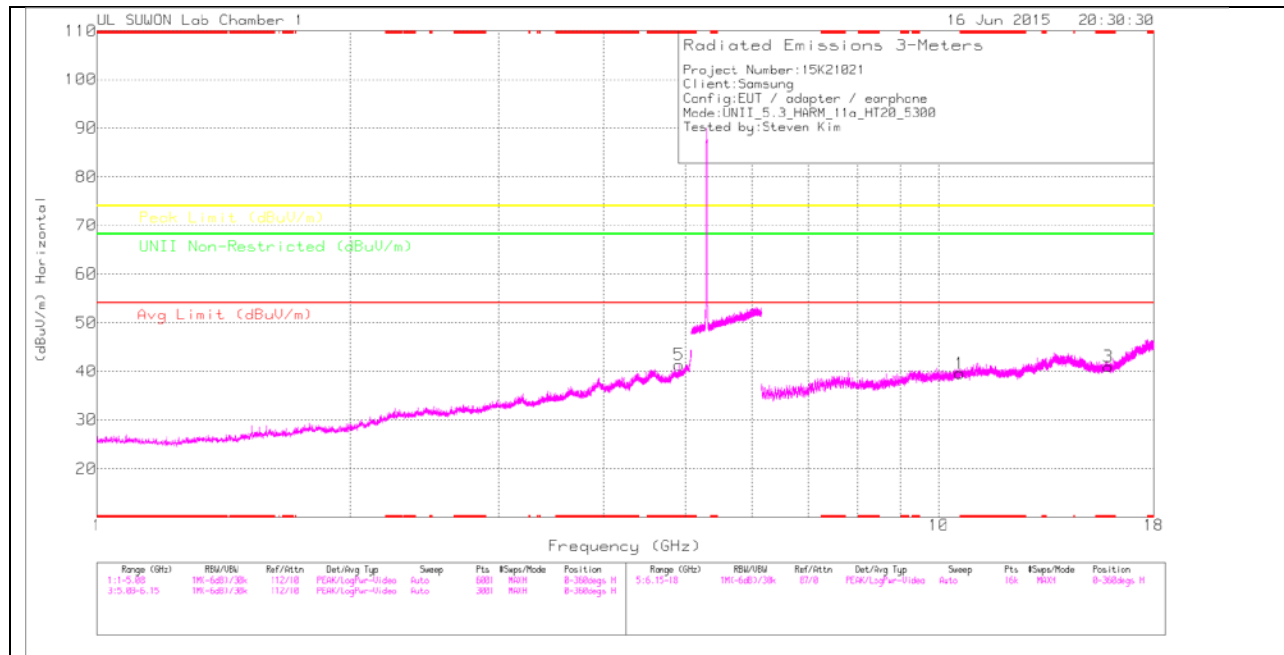
Frequency (GHz)	Meter Reading (dBuV)	Det	3115D Factor	Path_4_5GLP	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	UNII Non-Restricted (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
* 4.576	43.43	PK1	31.8	-27.9	0	47.33	-	-	74	-26.67	-	-	224	193	H
* 4.575	31.06	AD1	31.8	-27.9	0	34.96	54	-19.04	-	-	-	-	224	193	H
* 4.575	43.08	PK1	31.8	-27.9	0	46.98	-	-	74	-27.02	-	-	0	110	V
* 4.579	31.09	AD1	31.8	-27.9	0	34.99	54	-19.01	-	-	-	-	0	110	V
10.518	20.5	AD1	38.4	-21.3	.3	37.9	-	-	-	-	-	-	81	372	H
* 15.783	19.63	AD1	38.6	-19.1	.3	39.43	54	-14.57	-	-	-	-	32	383	H
10.518	20.23	AD1	38.4	-21.3	.3	37.63	-	-	-	-	-	-	216	291	V
* 15.78	20.17	AD1	38.6	-19.2	.3	39.87	54	-14.13	-	-	-	-	135	263	V
10.521	33.02	PK1	38.4	-21.3	0	50.12	-	-	-	-	68.2	-18.08	81	372	H
* 15.783	31.73	PK1	38.6	-19.2	0	51.13	-	-	74	-22.87	-	-	32	383	H
10.519	32.95	PK1	38.4	-21.3	0	50.05	-	-	-	-	68.2	-18.15	216	291	V
* 15.781	32.47	PK1	38.6	-19.2	0	51.87	-	-	74	-22.13	-	-	135	263	V

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

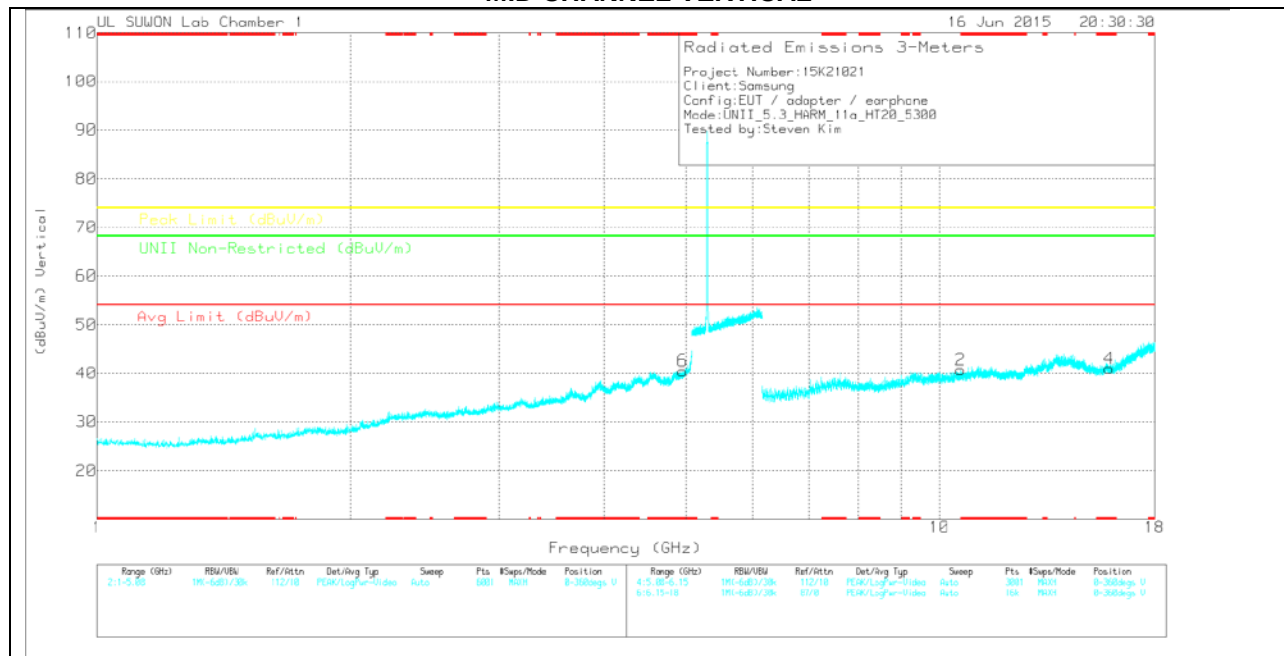
PK1 - KDB789033 Method: Peak

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	3115D Factor	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	* 10.602	21.9	PK	38.4	-20.8	0	39.5	-	-	74	-34.5	-	-	0-360	100	H
3	* 15.9	20.61	PK	38.7	-18.3	0	41.01	-	-	74	-32.99	-	-	0-360	200	H
2	* 10.602	23.09	PK	38.4	-20.8	0	40.69	-	-	74	-33.31	-	-	0-360	100	V
4	* 15.9	20.54	PK	38.7	-18.3	0	40.94	-	-	74	-33.06	-	-	0-360	100	V
5	* 4.912	37.31	PK	32.1	-28.1	0	41.31	-	-	74	-32.69	-	-	0-360	200	H
6	* 4.96	36.22	PK	32.1	-27.8	0	40.52	-	-	74	-33.48	-	-	0-360	200	V

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

PK – Peak Detector

Radiated Emissions

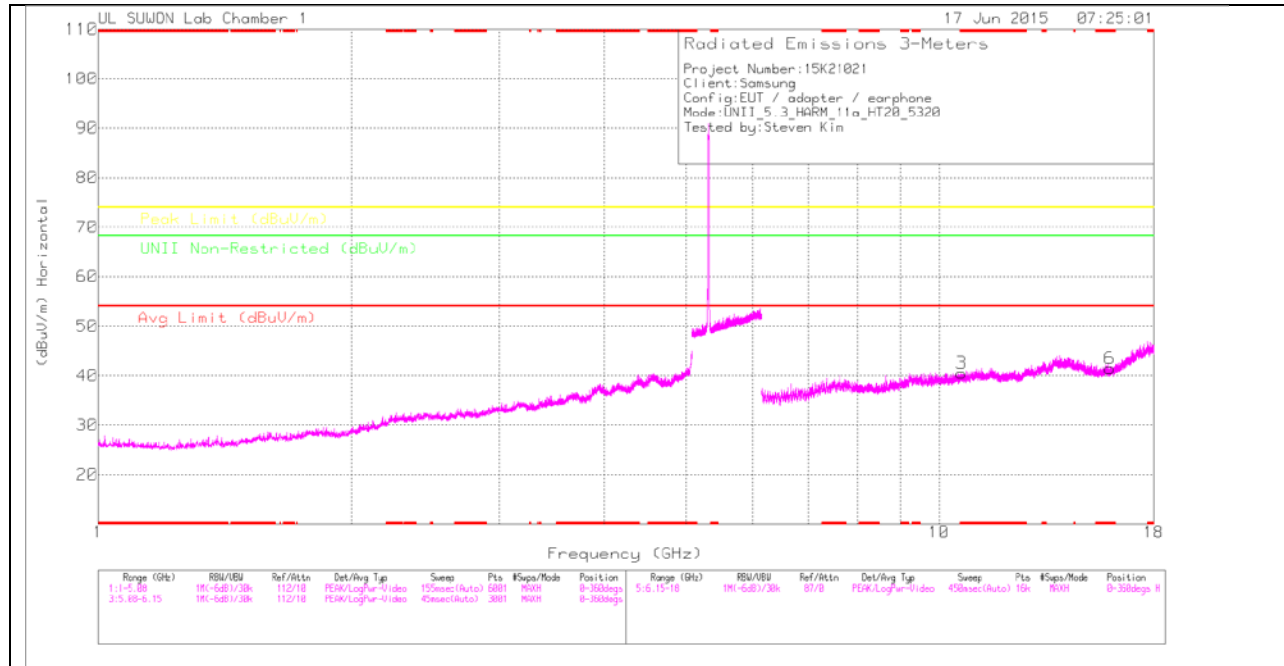
Frequency (GHz)	Meter Reading (dBuV)	Det	3115D Factor	Path_4_5GLP	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	UNII Non-Restricted (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
* 4.912	43.78	PK1	32.1	-28.1	0	47.78	-	-	74	-26.22	-	-	112	100	H
* 4.913	30.98	AD1	32.1	-28.1	0	34.98	54	-19.02	-	-	-	-	112	100	H
* 4.958	43.4	PK1	32.1	-27.8	0	47.7	-	-	74	-26.3	-	-	104	324	V
* 4.959	30.96	AD1	32.1	-27.8	0	35.26	54	-18.74	-	-	-	-	104	324	V
* 10.602	20.02	AD1	38.4	-20.8	.3	37.92	54	-16.08	-	-	-	-	343	319	H
* 15.901	18.65	AD1	38.7	-18.3	.3	39.35	54	-14.65	-	-	-	-	76	185	H
* 10.601	20.29	AD1	38.4	-20.9	.3	38.09	54	-15.91	-	-	-	-	77	186	V
* 15.9	18.55	AD1	38.7	-18.3	.3	39.25	54	-14.75	-	-	-	-	351	361	V
* 10.603	32.85	PK1	38.4	-20.8	0	50.45	-	-	74	-23.55	-	-	343	319	H
* 15.901	31.11	PK1	38.7	-18.3	0	51.51	-	-	74	-22.49	-	-	76	185	H
* 10.603	32.28	PK1	38.4	-20.8	0	49.88	-	-	74	-24.12	-	-	77	186	V
* 15.9	30.87	PK1	38.7	-18.3	0	51.27	-	-	74	-22.73	-	-	351	361	V

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

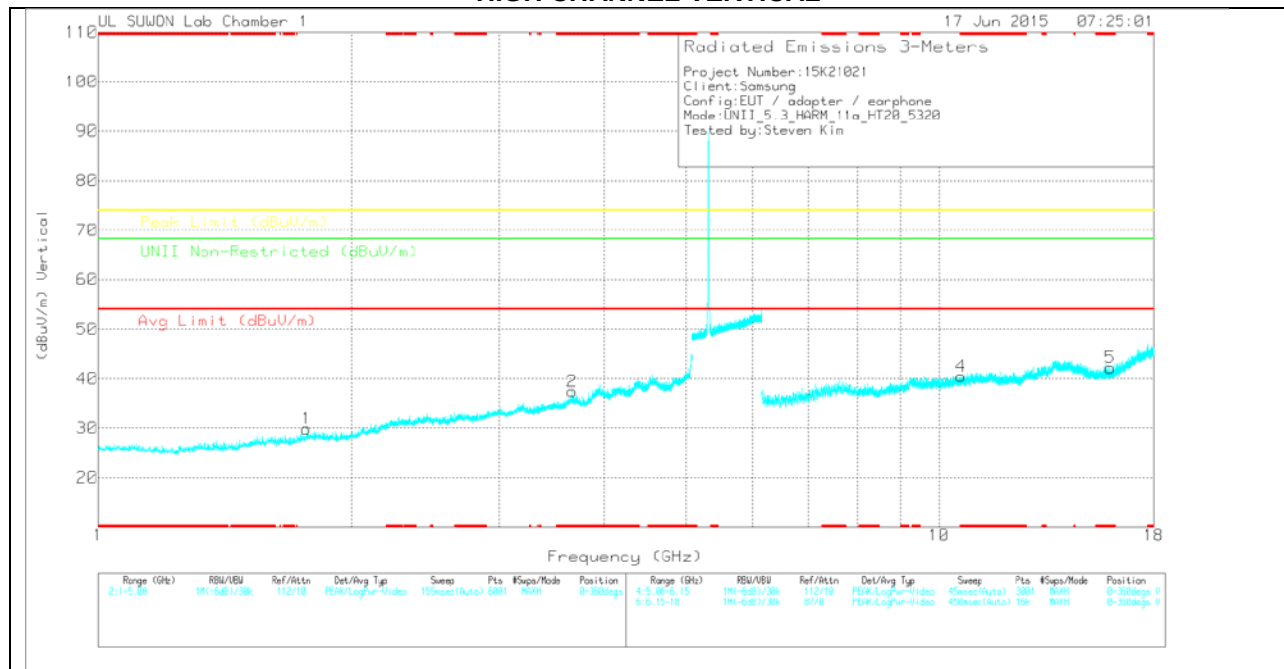
PK1 - KDB789033 Method: Peak

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	3115D Factor	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	1.769	37.27	PK	25.2	-32.6	0	29.87	-	-	-	-	68.2	-38.33	0-360	100	V
2	* 3.66	37.02	PK	30	-29.6	0	37.42	-	-	74	-36.58	-	-	0-360	100	V
3	* 10.636	22.33	PK	38.5	-20.3	0	40.53	-	-	74	-33.47	-	-	0-360	200	H
6	* 15.965	21.5	PK	38.7	-18.7	0	41.5	-	-	74	-32.5	-	-	0-360	200	H
4	* 10.633	22.27	PK	38.5	-20.3	0	40.47	-	-	74	-33.53	-	-	0-360	200	V
5	* 15.971	22.22	PK	38.7	-18.7	0	42.22	-	-	74	-31.78	-	-	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	3115D Factor	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
1.771	43.35	PK1	25.2	-32.6	0	35.95	-	-	-	-	68.2	-32.25	240	371	V
1.771	30.73	AD1	25.2	-32.6	0	23.33	-	-	-	-	-	-	240	371	V
* 3.66	43.25	PK1	30	-29.6	0	43.65	-	-	74	-30.35	-	-	204	155	V
* 3.661	31.17	AD1	30.1	-29.6	0	31.67	54	-22.33	-	-	-	-	204	155	V
* 10.638	20.12	AD1	38.5	-20.3	.3	38.62	54	-15.38	-	-	-	-	316	151	H
* 15.965	19.81	AD1	38.7	-18.7	.3	40.11	54	-13.89	-	-	-	-	301	200	H
* 10.634	20.12	AD1	38.5	-20.3	.3	38.62	54	-15.38	-	-	-	-	158	210	V
* 15.973	19.44	AD1	38.7	-18.7	0	39.44	54	-14.56	-	-	-	-	301	217	V
* 10.637	32.1	PK1	38.5	-20.3	0	50.3	-	-	74	-23.7	-	-	316	151	H
* 15.965	32.08	PK1	38.7	-18.7	0	52.08	-	-	74	-21.92	-	-	301	200	H
* 10.635	32.17	PK1	38.5	-20.3	0	50.37	-	-	74	-23.63	-	-	158	210	V
* 15.972	32.37	PK1	38.7	-18.7	0	52.37	-	-	74	-21.63	-	-	301	217	V

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

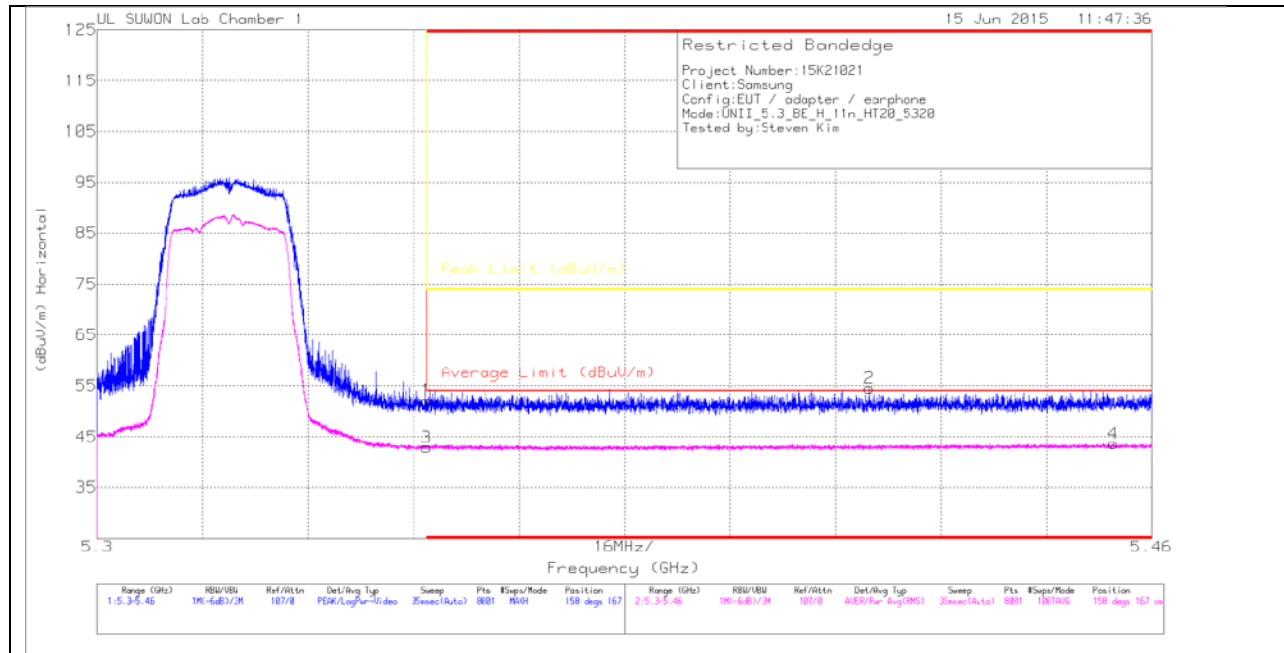
PK1 - KDB789033 Method: Peak

AD1 - KDB789033 Method: AD Primary Power Average

11.2.2. TX ABOVE 1 GHz 802.11n HT20 MODE IN THE 5.3 GHz BAND

AUTHORIZED BANDEDGE (HIGH CHANNEL)

HORIZONTAL PEAK AND AVERAGE PLOT



HORIZONTAL DATA

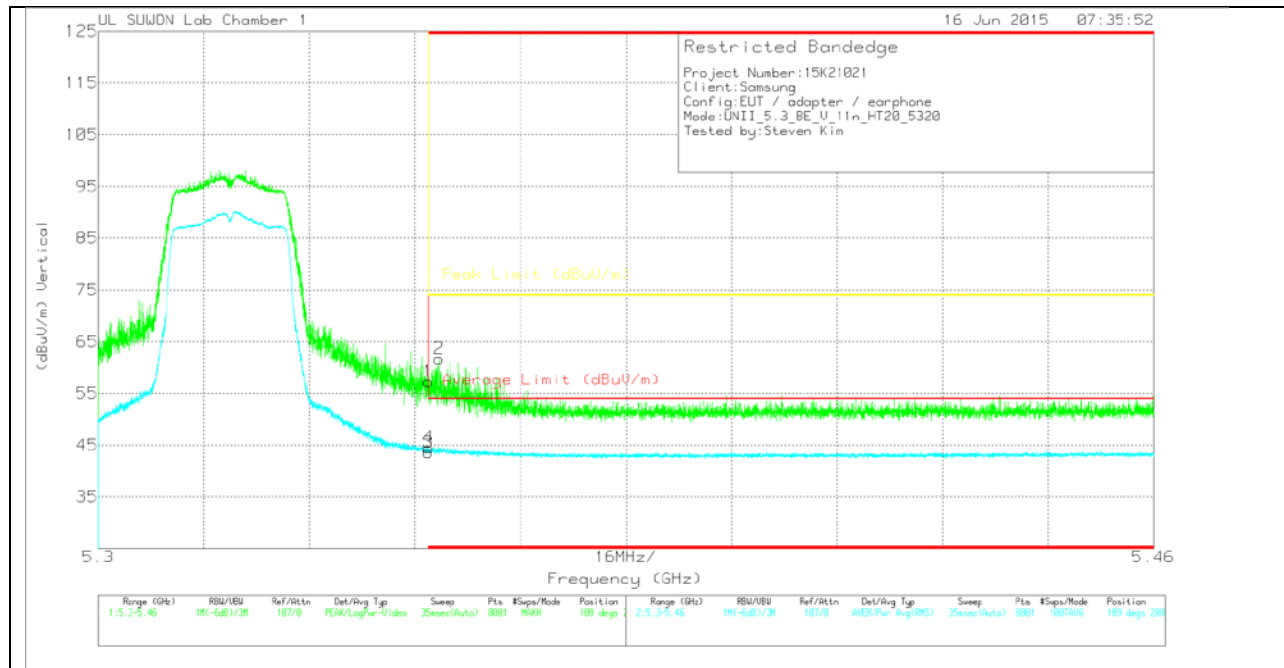
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	3115D Factor	Path_2_10d B	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 5.35	38.42	Pk	33.3	-19.6	0	52.12	-	-	74	-21.88	158	167	H
2	* 5.417	40.28	Pk	33.5	-19.3	0	54.48	-	-	74	-19.52	158	167	H
3	* 5.35	28.87	RMS	33.3	-19.6	.32	42.89	54	-11.11	-	-	158	167	H
4	* 5.454	28.87	RMS	33.7	-19.2	.32	43.69	54	-10.31	-	-	158	167	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	31150 Factor	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	43.66	Pk	33.3	-19.6	0	57.36	-	-	74	-16.64	189	208	V
2	* 5.352	48.01	Pk	33.3	-19.6	0	61.71	-	-	74	-12.29	189	208	V
3	* 5.35	29.61	RMS	33.3	-19.6	.32	43.63	54	-10.37	-	-	189	208	V
4	* 5.35	30.52	RMS	33.3	-19.6	.32	44.54	54	-9.46	-	-	189	208	V

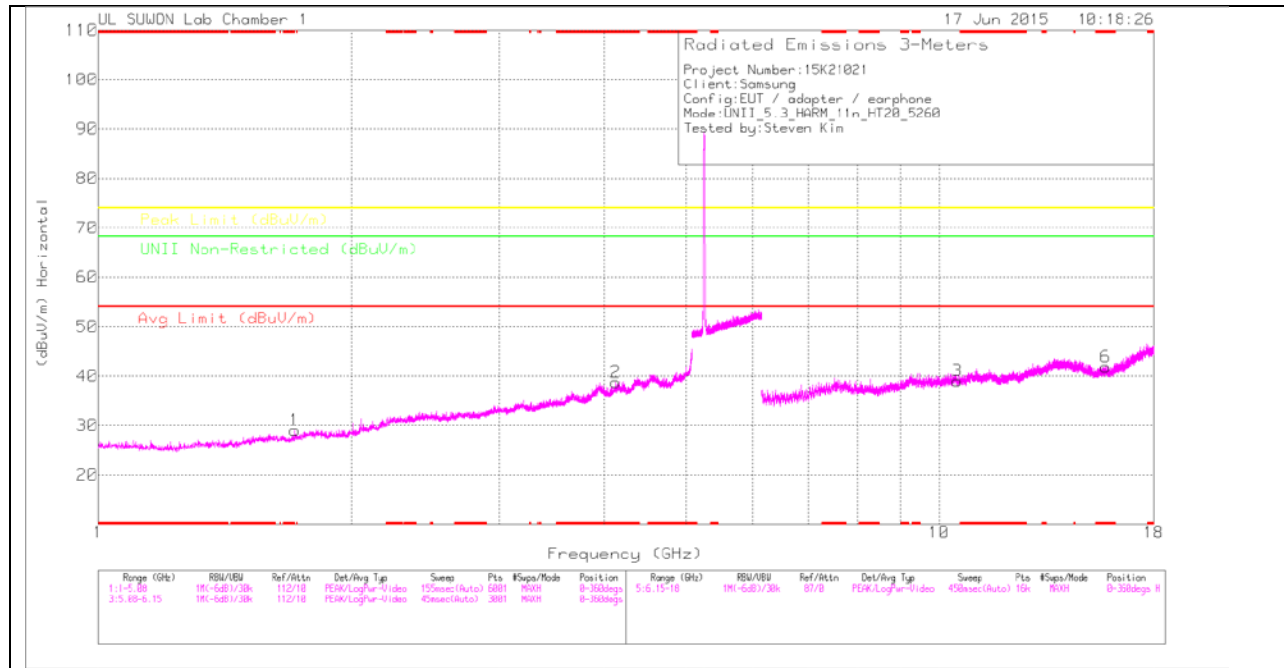
* - indicates frequency in CFR15.205/IC7.2.2 Restricted Band

PK - Peak detector

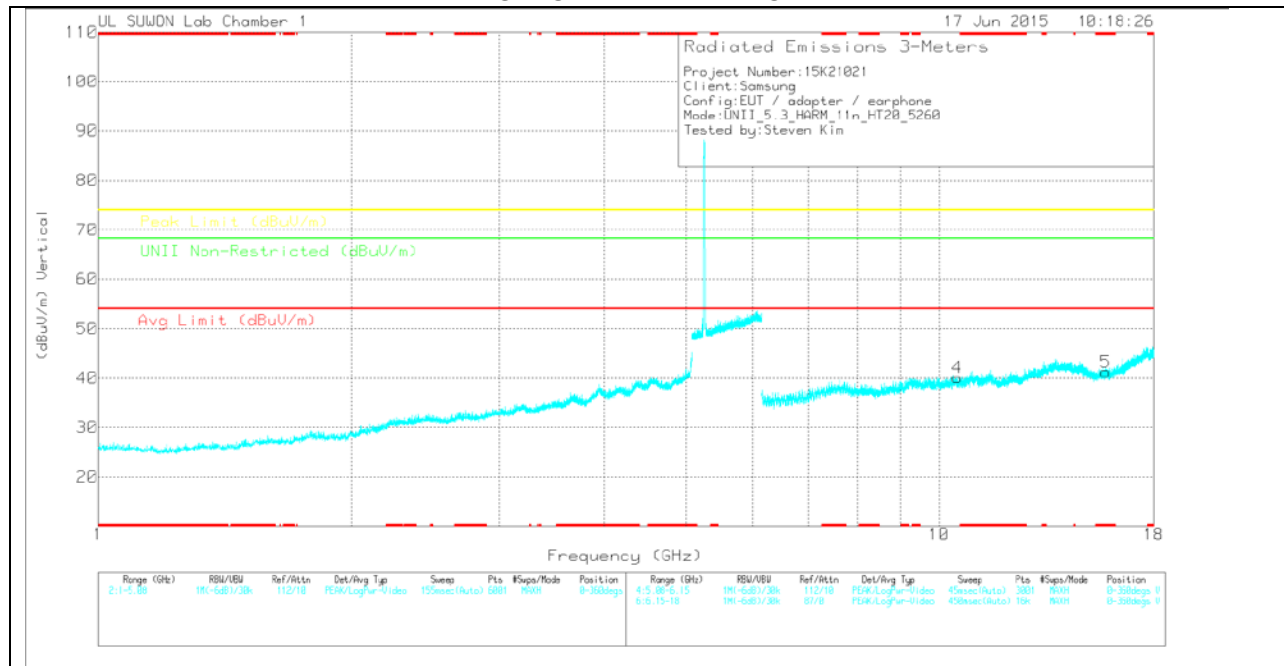
RMS - RMS detection

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	3115D Factor	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	1.713	37.23	PK	25.1	-33.3	0	29.03	-	-	-	-	68.2	-39.17	0-360	200	H
2	* 4.127	36.75	PK	31.1	-29.1	0	38.75	-	-	74	-35.25	-	-	0-360	100	H
3	10.523	21.92	PK	38.4	-21.3	0	39.02	-	-	-	-	68.2	-29.18	0-360	100	H
6	* 15.78	22.5	PK	38.6	-19.2	0	41.9	-	-	74	-32.1	-	-	0-360	200	H
4	10.524	23	PK	38.4	-21.3	0	40.1	-	-	-	-	68.2	-28.1	0-360	100	V
5	* 15.78	21.83	PK	38.6	-19.2	0	41.23	-	-	74	-32.77	-	-	0-360	200	V

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

PK – Peak detector

Radiated Emissions

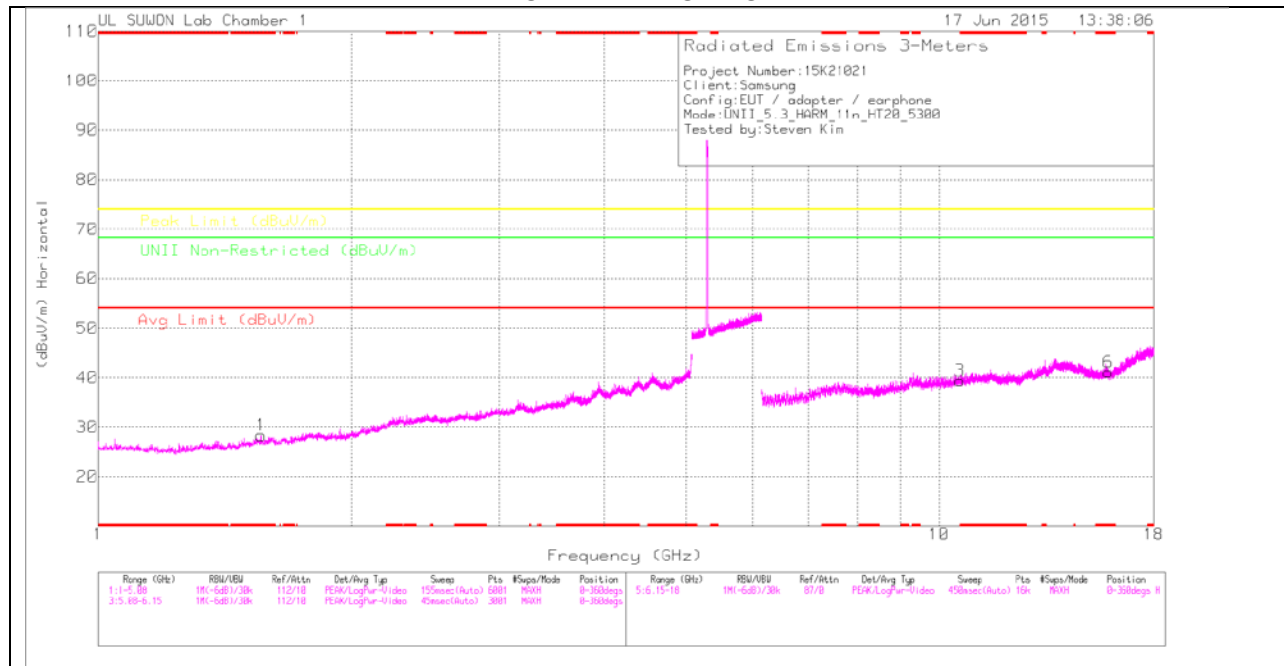
Frequency (GHz)	Meter Reading (dBuV)	Det	3115D Factor	Path_4_5G LP	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	UNII Non-Restricted (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1.713	43.29	PK1	25.1	-33.3	0	35.09	-	-	-	-	68.2	-33.11	88	144	H
1.714	31.69	AD1	25.1	-33.3	0	23.49	-	-	-	-	-	-	88	144	H
* 4.128	43.1	PK1	31.1	-29.1	0	45.1	-	-	74	-28.9	-	-	234	252	H
* 4.125	30.88	AD1	31.1	-29.1	0	32.88	54	-21.12	-	-	-	-	234	252	H
10.521	20.13	AD1	38.4	-21.3	.32	37.55	-	-	-	-	-	-	138	255	H
* 15.781	19.47	AD1	38.6	-19.2	.32	39.19	54	-14.81	-	-	-	-	289	200	H
10.523	20.23	AD1	38.4	-21.3	.32	37.65	-	-	-	-	-	-	15	391	V
* 15.781	19.89	AD1	38.6	-19.2	.32	39.61	54	-14.39	-	-	-	-	289	113	V
10.522	32.81	PK1	38.4	-21.3	0	49.91	-	-	-	-	68.2	-18.29	138	255	H
* 15.779	32.5	PK1	38.6	-19.2	0	51.9	-	-	74	-22.1	-	-	289	200	H
10.524	32.87	PK1	38.4	-21.3	0	49.97	-	-	-	-	68.2	-18.23	15	391	V
* 15.78	32.9	PK1	38.6	-19.2	0	52.3	-	-	74	-21.7	-	-	289	113	V

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

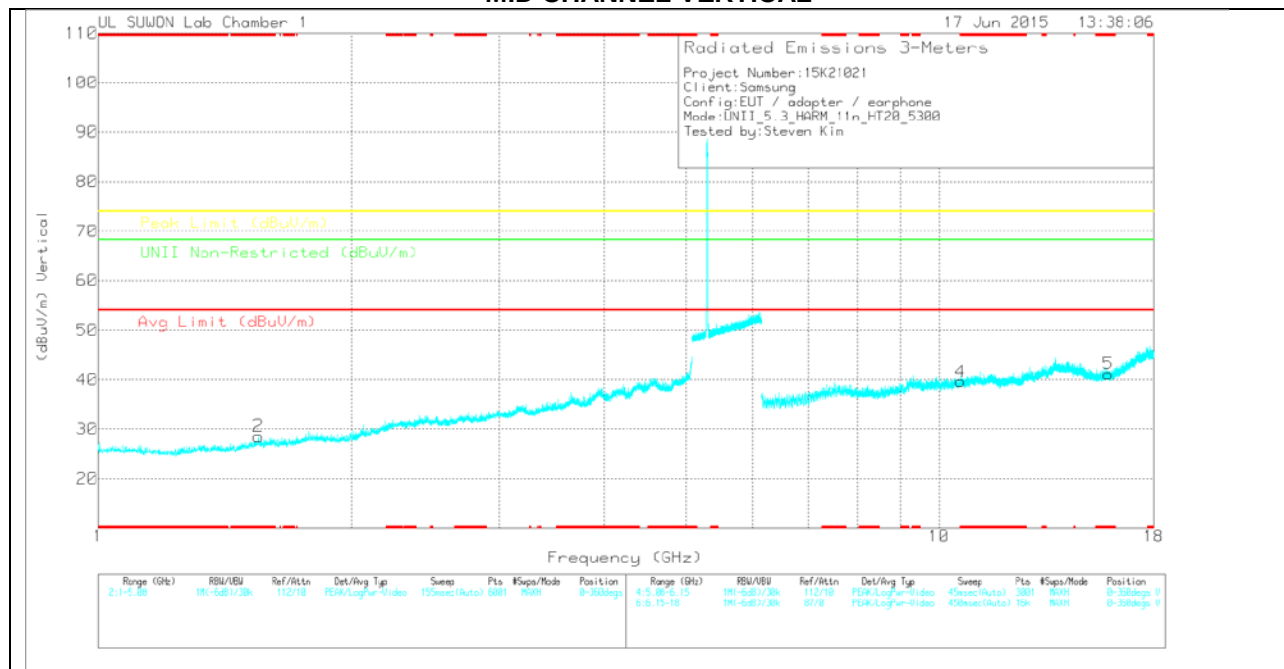
PK1 - KDB789033 Method: Peak

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	3115D Factor	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	* 1.561	36.74	PK	24.7	-33.1	0	28.34	-	-	74	-45.66	-	-	0-360	100	H
2	* 1.55	36.96	PK	24.7	-33.1	0	28.56	-	-	74	-45.44	-	-	0-360	200	V
3	10.599	21.88	PK	38.4	-20.9	0	39.38	-	-	-	-	68.2	-28.82	0-360	200	H
6	* 15.9	20.71	PK	38.7	-18.3	0	41.11	-	-	74	-32.89	-	-	0-360	100	H
4	* 10.603	21.98	PK	38.4	-20.8	0	39.58	-	-	74	-34.42	-	-	0-360	100	V
5	* 15.9	20.78	PK	38.7	-18.3	0	41.18	-	-	74	-32.82	-	-	0-360	100	V

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

PK – Peak detector

Radiated Emissions

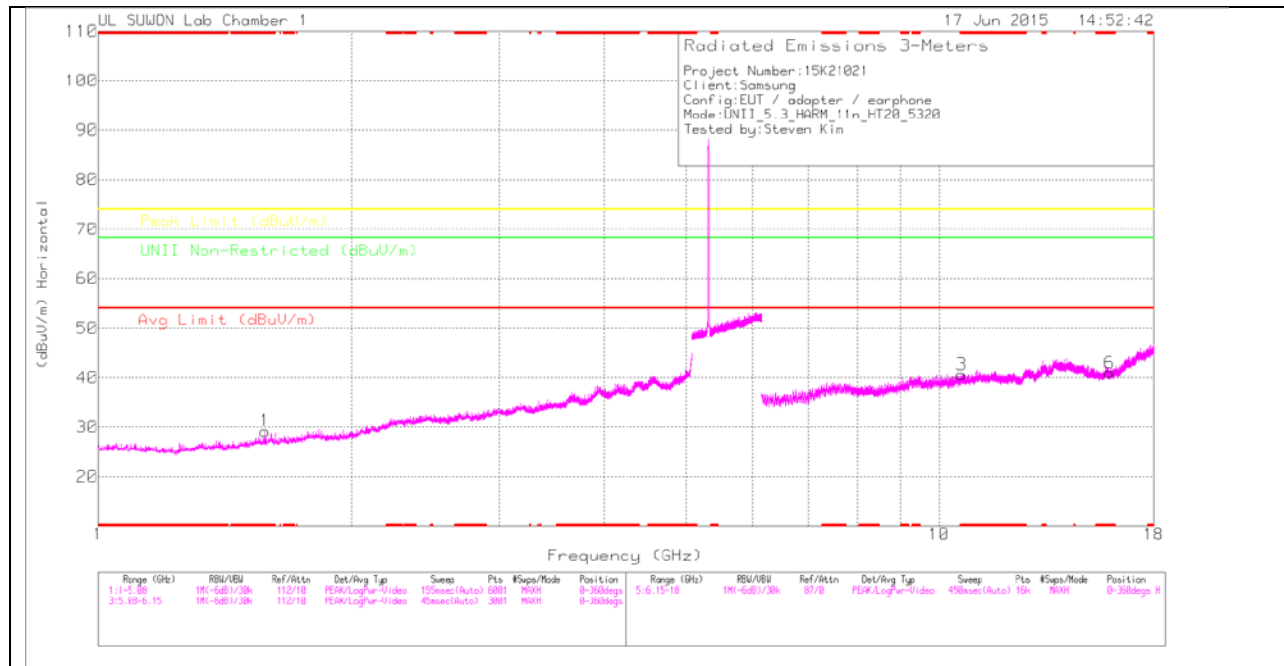
Frequency (GHz)	Meter Reading (dBuV)	Det	3115D Factor	Path_4_5G LP	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	UNII Non-Restricted (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
* 1.563	42.57	PK1	24.8	-33.1	0	34.27	-	-	74	-39.73	-	-	355	191	H
* 1.56	31.05	AD1	24.7	-33.1	0	22.65	54	-31.35	-	-	-	-	355	191	H
* 1.55	43.41	PK1	24.7	-33.1	0	35.01	-	-	74	-38.99	-	-	231	400	V
* 1.548	31.19	AD1	24.7	-33.2	0	22.69	54	-31.31	-	-	-	-	231	400	V
10.599	20.09	AD1	38.4	-20.9	.32	37.91	-	-	-	-	-	-	188	284	H
* 15.901	19.03	AD1	38.7	-18.3	.32	39.75	54	-14.25	-	-	-	-	52	100	H
* 10.603	20.14	AD1	38.4	-20.8	.32	38.06	54	-15.94	-	-	-	-	159	392	V
* 15.9	18.77	AD1	38.7	-18.3	.32	39.49	54	-14.51	-	-	-	-	52	196	V
10.597	32.47	PK1	38.4	-20.9	0	49.97	-	-	-	-	68.2	-18.23	188	284	H
* 15.899	30.91	PK1	38.7	-18.3	0	51.31	-	-	74	-22.69	-	-	52	100	H
* 10.602	32.33	PK1	38.4	-20.8	0	49.93	-	-	74	-24.07	-	-	159	392	V
* 15.9	30.99	PK1	38.7	-18.3	0	51.39	-	-	74	-22.61	-	-	52	196	V

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

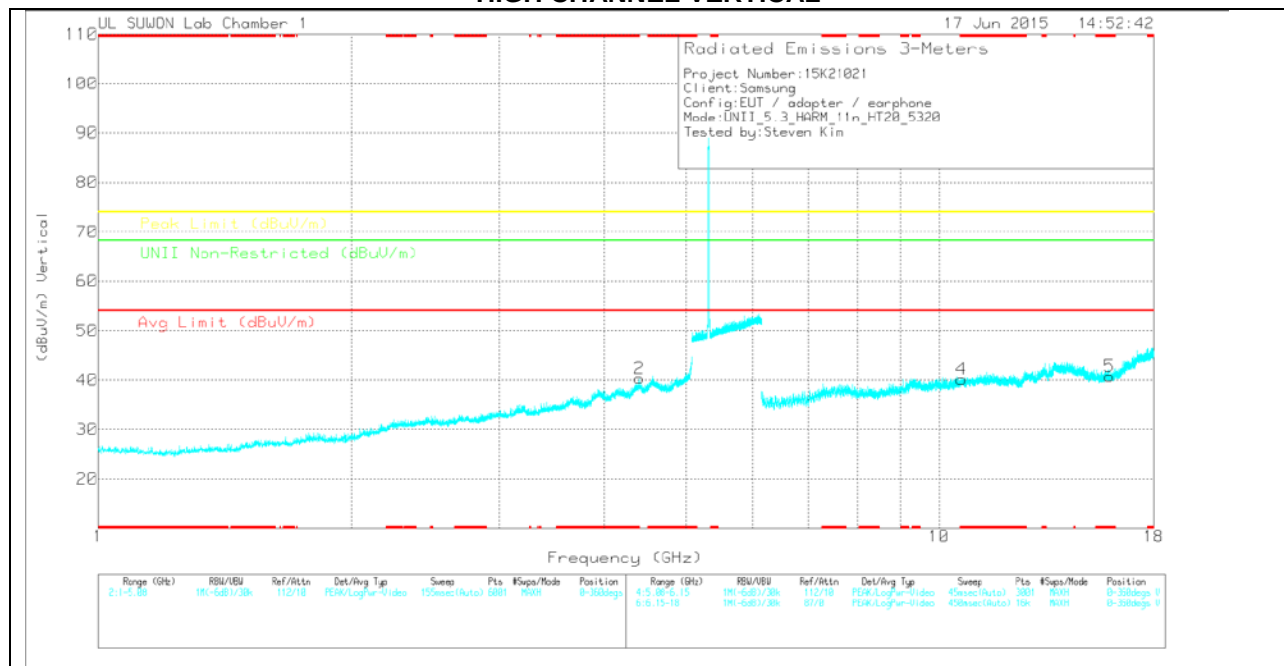
PK1 - KDB789033 Method: Peak

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	31150 Factor	Path_4_5GL P	Fixture Corr (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	UNII Non-Restricted (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 1.579	37.52	PK	24.8	-33.1	0	0	29.22	-	-	74	-44.78	-	-	0-360	100	H
2	4.403	36.96	PK	31.7	-28.3	0	0	40.36	-	-	-	-	68.2	-27.84	0-360	200	V
3	* 10.638	22.45	PK	38.5	-20.3	0	0	40.65	-	-	74	-33.35	-	-	0-360	100	H
6	* 15.963	21	PK	38.7	-18.7	0	0	41	-	-	74	-33	-	-	0-360	100	H
4	* 10.639	21.98	PK	38.5	-20.3	0	0	40.18	-	-	74	-33.82	-	-	0-360	200	V
5	* 15.96	20.77	PK	38.7	-18.7	0	0	40.77	-	-	74	-33.23	-	-	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	31150 Factor	Path_4_5GL P	Fixture Corr (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	UNII Non-Restricted (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
* 1.581	42.72	PK1	24.8	-33.1	0	0	34.42	-	-	74	-39.58	-	-	301	100	H
* 1.581	30.14	AD1	24.8	-33.1	0	0	21.84	54	-32.16	-	-	-	-	301	100	H
4.405	43.69	PK1	31.7	-28.3	0	0	47.09	-	-	-	-	68.2	-21.11	86	237	V
4.403	30.66	AD1	31.7	-28.3	0	0	34.06	-	-	-	-	-	-	86	237	V
* 10.637	19.1	AD1	38.5	-20.3	0	.32	37.62	54	-16.38	-	-	-	-	176	126	H
* 15.965	18.99	AD1	38.7	-18.7	0	.32	39.31	54	-14.69	-	-	-	-	296	239	H
* 10.637	19.64	AD1	38.5	-20.3	0	.32	38.16	54	-15.84	-	-	-	-	151	223	V
* 15.962	19.26	AD1	38.7	-18.7	0	.32	39.58	54	-14.42	-	-	-	-	317	321	V
* 10.636	31.74	PK1	38.5	-20.3	0	0	49.94	-	-	74	-24.06	-	-	176	126	H
* 15.965	32.13	PK1	38.7	-18.7	0	0	52.13	-	-	74	-21.87	-	-	296	239	H
* 10.64	31.78	PK1	38.5	-20.2	0	0	50.08	-	-	74	-23.92	-	-	151	223	V
* 15.962	32.06	PK1	38.7	-18.7	0	0	52.06	-	-	74	-21.94	-	-	317	321	V

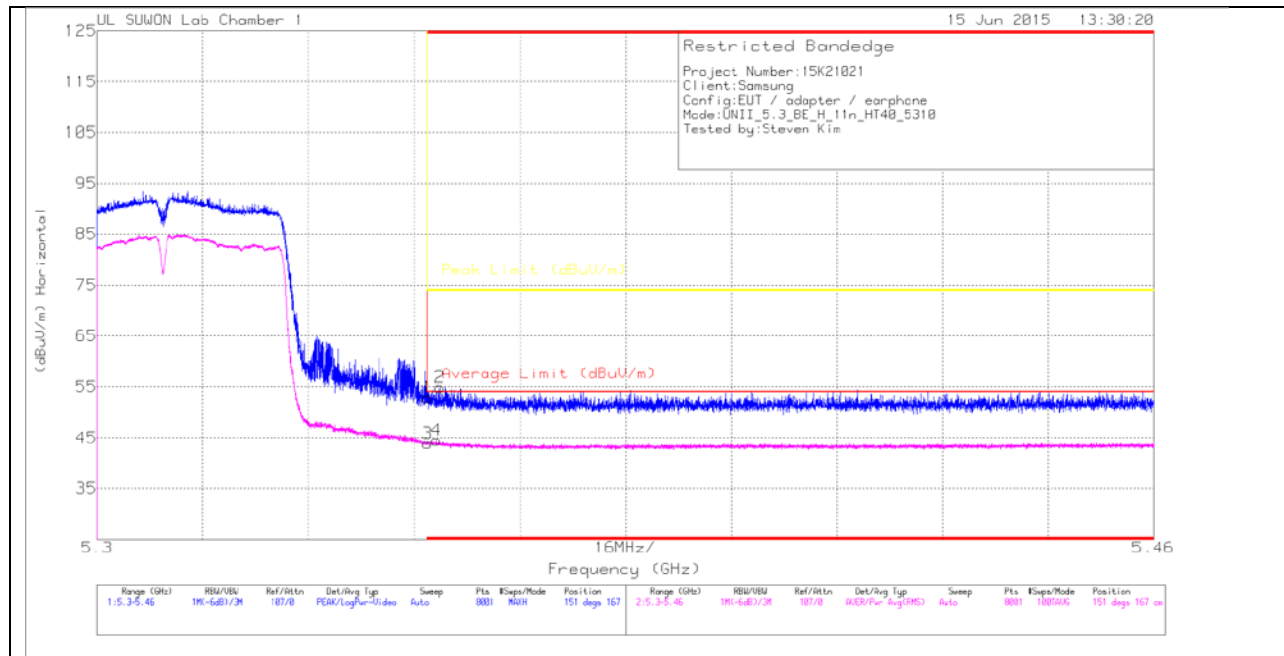
* - indicates frequency in CFR15.205/IC7.2.2 Restricted Band

PK1 - KDB789033 Method: Peak

AD1 - KDB789033 Method: AD Primary Power Average

**TX ABOVE 1 GHz 802.11n HT40 MODE IN THE 5.3 GHz BAND
AUTHORIZED BANDEDGE (HIGH CHANNEL)**

HORIZONTAL PEAK AND AVERAGE PLOT



HORIZONTAL DATA

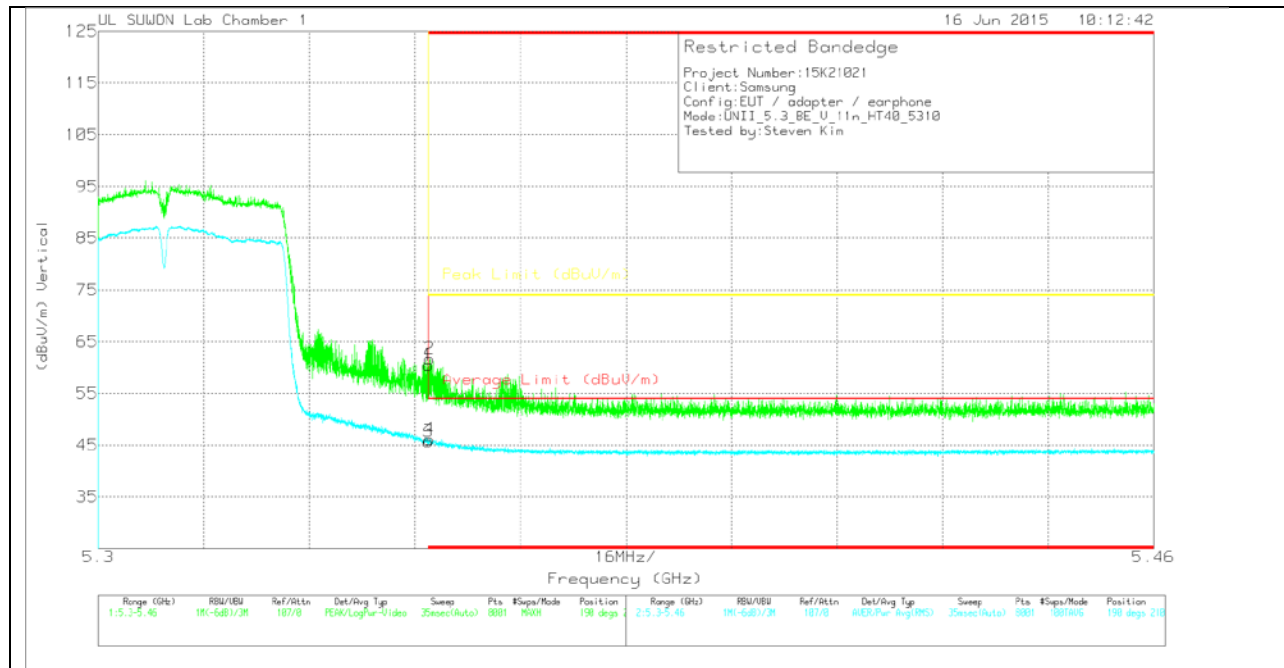
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	3115D Factor	Path_2_10dB	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 5.35	39.27	PK	33.3	-19.6	0	52.97	-	-	74	-21.03	151	167	H
2	* 5.352	41.25	PK	33.3	-19.6	0	54.95	-	-	74	-19.05	151	167	H
3	* 5.35	29.59	RMS	33.3	-19.6	.63	43.92	54	-10.08	-	-	151	167	H
4	* 5.351	30.19	RMS	33.3	-19.6	.63	44.52	54	-9.48	-	-	151	167	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	3115D Factor	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	46.81	Pk	33.3	-19.6	0	60.51	-	-	74	-13.49	190	210	V
2	* 5.35	48.01	Pk	33.3	-19.6	0	61.71	-	-	74	-12.29	190	210	V
3	* 5.35	31.44	RMS	33.3	-19.6	.63	45.77	54	-8.23	-	-	190	210	V
4	* 5.35	31.81	RMS	33.3	-19.6	.63	46.14	54	-7.86	-	-	190	210	V

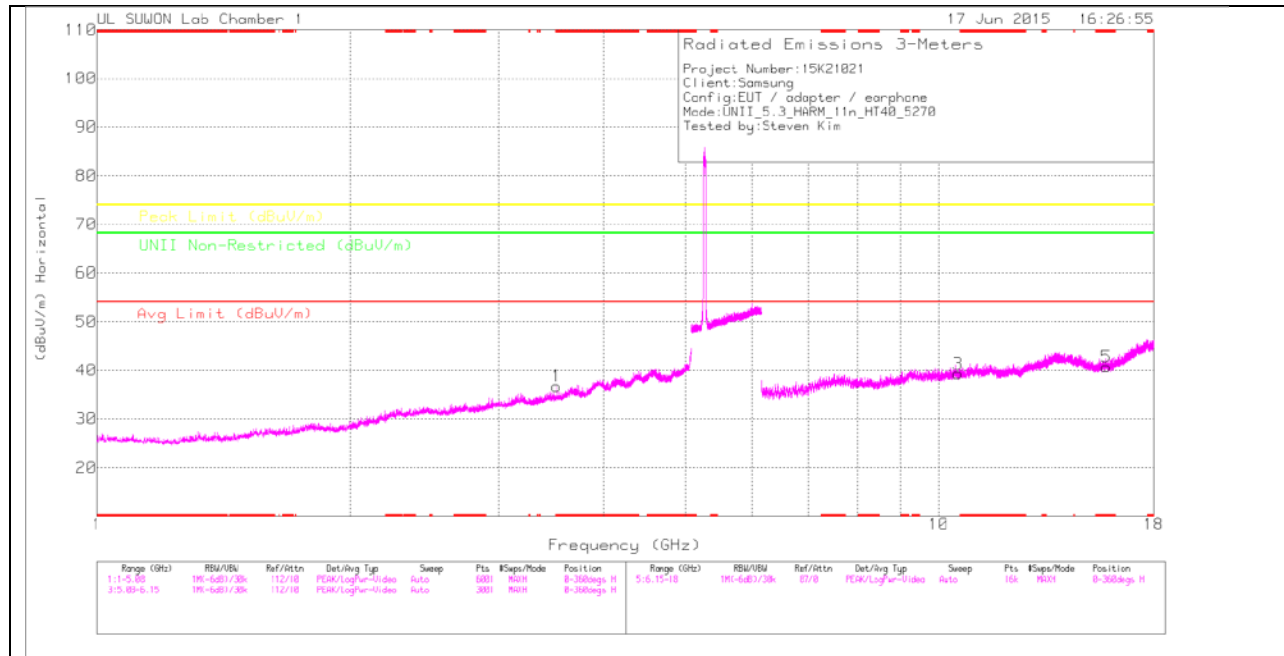
* - indicates frequency in CFR15.205/IC7.2.2 Restricted Band

PK - Peak detector

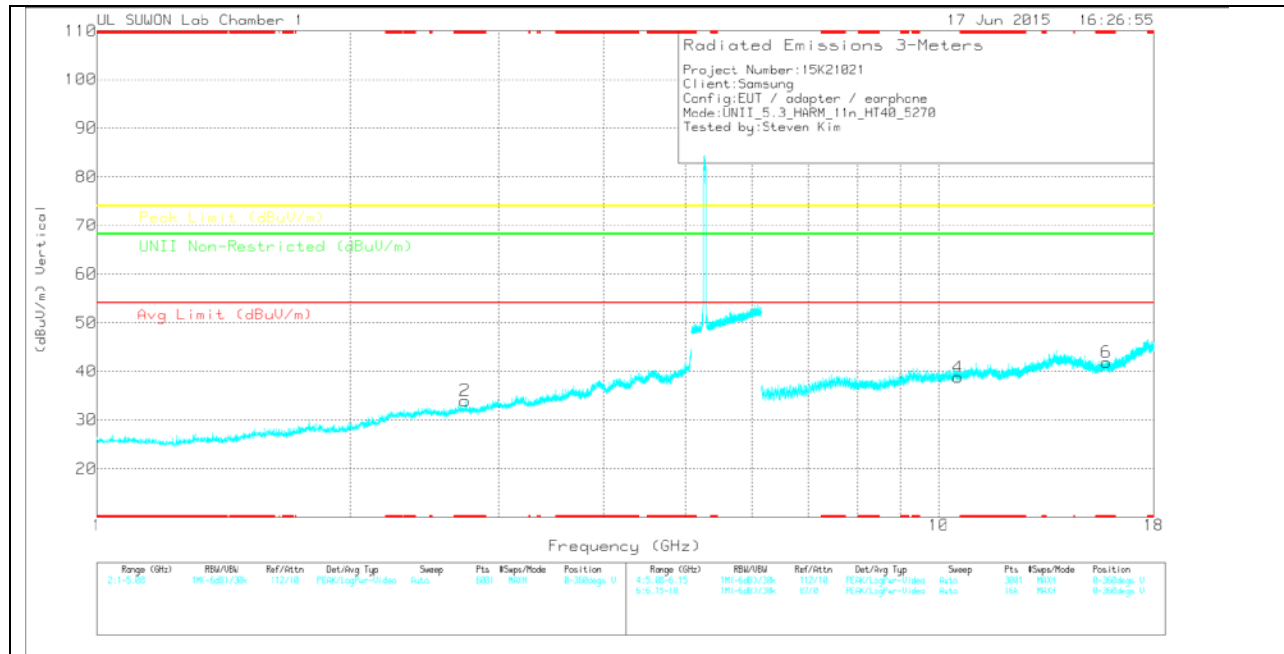
RMS - RMS detection

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	3115D Factor	Path_4_5G LP	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	UNII Non-Restricted (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 3.513	37.58	PK	29.6	-30.5	0	36.68	-	-	74	-37.32	-	-	0-360	100	H
2	* 2.736	37.04	PK	27.9	-31	0	33.94	-	-	74	-40.06	-	-	0-360	200	V
3	10.54	22.1	PK	38.4	-21.2	0	39.3	-	-	-	-	68.2	-28.9	0-360	200	H
5	* 15.81	20.81	PK	38.6	-18.7	0	40.71	-	-	74	-33.29	-	-	0-360	200	H
4	10.539	21.62	PK	38.4	-21.2	0	38.82	-	-	-	-	68.2	-29.38	0-360	100	V
6	* 15.809	21.95	PK	38.6	-18.7	0	41.85	-	-	74	-32.15	-	-	0-360	200	V

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

PK –Peak Detector

Radiated Emissions

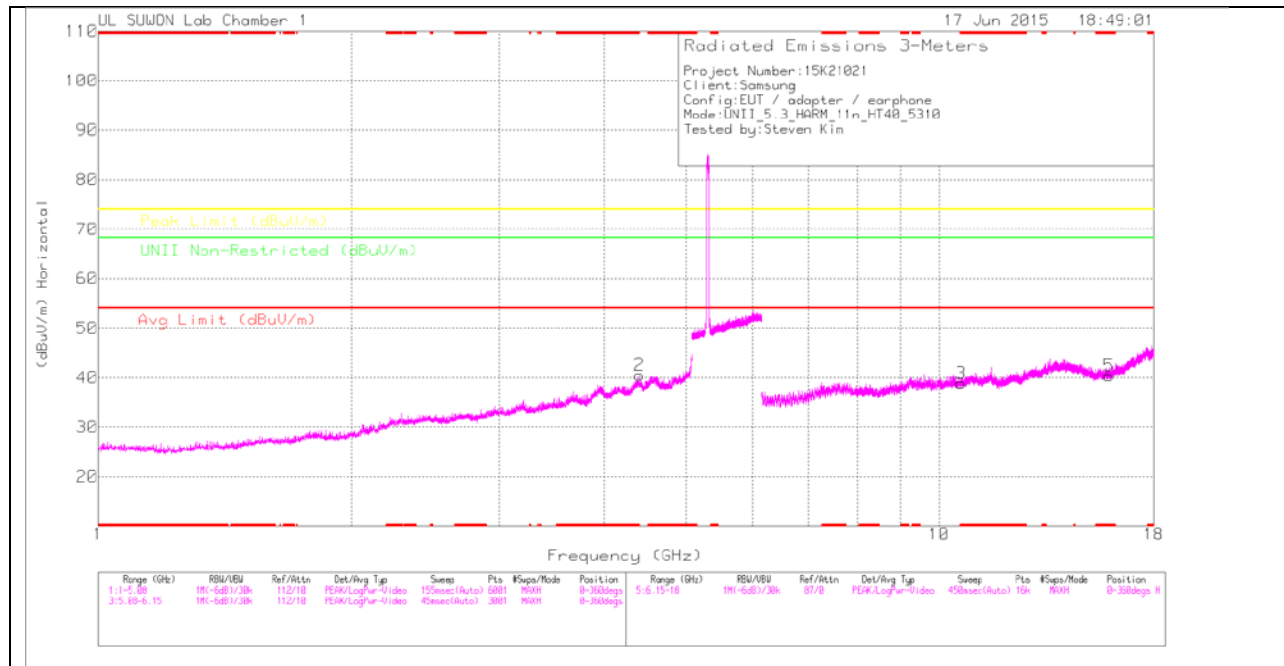
Frequency (GHz)	Meter Reading (dBuV)	Det	3115D Factor	Path_4_5G LP	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	UNII Non-Restricted (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
* 3.515	43	PK1	29.6	-30.6	0	42	-	-	74	-32	-	-	319	250	H
* 3.513	31.88	AD1	29.6	-30.5	0	30.98	54	-23.02	-	-	-	-	319	250	H
* 2.736	42.63	PK1	27.9	-31	0	39.53	-	-	74	-34.47	-	-	229	333	V
* 2.737	30.5	AD1	27.9	-31	0	27.4	54	-26.6	-	-	-	-	229	333	V
10.539	20.26	AD1	38.4	-21.2	.63	38.09	-	-	-	-	-	-	131	395	V
* 15.809	19.73	AD1	38.6	-18.7	.63	40.26	54	-13.74	-	-	-	-	28	104	H
10.539	20.18	AD1	38.4	-21.2	.63	38.01	-	-	-	-	-	-	158	206	V
* 15.808	19.52	AD1	38.6	-18.7	.63	40.05	54	-13.95	-	-	-	-	264	266	V
10.539	32.66	PK1	38.4	-21.2	0	49.86	-	-	-	-	68.2	-18.34	131	395	V
* 15.811	33.06	PK1	38.6	-18.7	0	52.96	-	-	74	-21.04	-	-	28	104	H
10.538	32.67	PK1	38.4	-21.2	0	49.87	-	-	-	-	68.2	-18.33	158	206	V
* 15.811	32.44	PK1	38.6	-18.7	0	52.34	-	-	74	-21.66	-	-	264	266	V

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

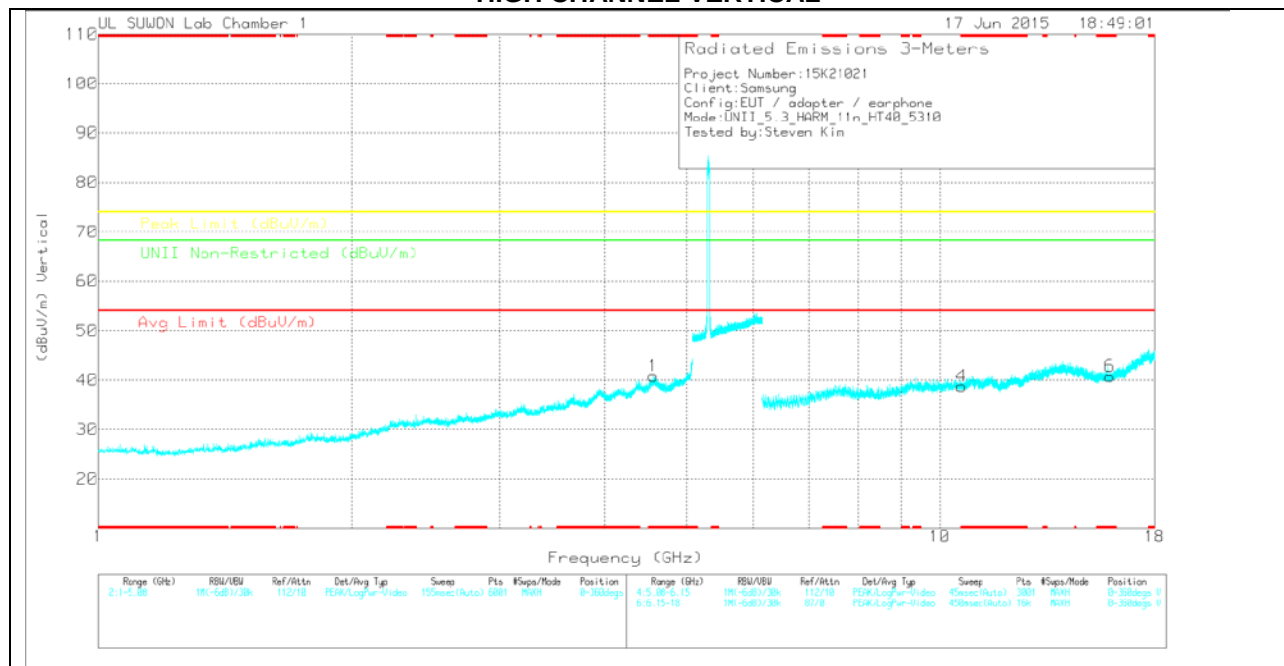
PK1 - KDB789033 Method: Peak

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	3115D Factor	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	4.401	37.02	PK	31.7	-28.2	0	40.52	-	-	-	-	68.2	-27.68	0-360	100	H
1	* 4.563	36.83	PK	31.8	-27.8	0	40.83	-	-	74	-33.17	-	-	0-360	200	V
3	* 10.621	20.96	PK	38.4	-20.5	0	38.86	-	-	74	-35.14	-	-	0-360	100	H
5	* 15.93	20.29	PK	38.7	-18.6	0	40.39	-	-	74	-33.61	-	-	0-360	100	H
4	* 10.621	20.86	PK	38.4	-20.5	0	38.76	-	-	74	-35.24	-	-	0-360	100	V
6	* 15.93	20.68	PK	38.7	-18.6	0	40.78	-	-	74	-33.22	-	-	0-360	200	V

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

PK – PK Detector

Radiated Emissions

Frequency (GHz)	Meter Reading (dBuV)	Det	3115D Factor	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
4.401	43.56	PK1	31.7	-28.2	0	47.06	-	-	-	-	68.2	-21.14	182	280	H
4.401	30.92	AD1	31.7	-28.2	0	34.42	-	-	-	-	-	-	182	280	H
* 4.561	43.33	PK1	31.8	-27.8	0	47.33	-	-	74	-26.67	-	-	312	112	V
* 4.564	31.08	AD1	31.8	-27.8	0	35.08	54	-18.92	-	-	-	-	312	112	V
* 10.619	19.62	AD1	38.4	-20.6	.63	38.05	54	-15.95	-	-	-	-	210	100	H
* 15.931	19.25	AD1	38.7	-18.6	.63	39.98	54	-14.02	-	-	-	-	173	345	H
* 10.619	20.04	AD1	38.4	-20.6	.63	38.47	54	-15.53	-	-	-	-	276	340	H
* 15.928	19.21	AD1	38.7	-18.5	.63	40.04	54	-13.96	-	-	-	-	83	358	V
* 10.621	32.01	PK1	38.4	-20.5	0	49.91	-	-	74	-24.09	-	-	210	100	H
* 15.929	31.12	PK1	38.7	-18.5	0	51.32	-	-	74	-22.68	-	-	173	345	H
* 10.62	32.37	PK1	38.4	-20.6	0	50.17	-	-	74	-23.83	-	-	276	340	H
* 15.928	31.23	PK1	38.7	-18.5	0	51.43	-	-	74	-22.57	-	-	83	358	V

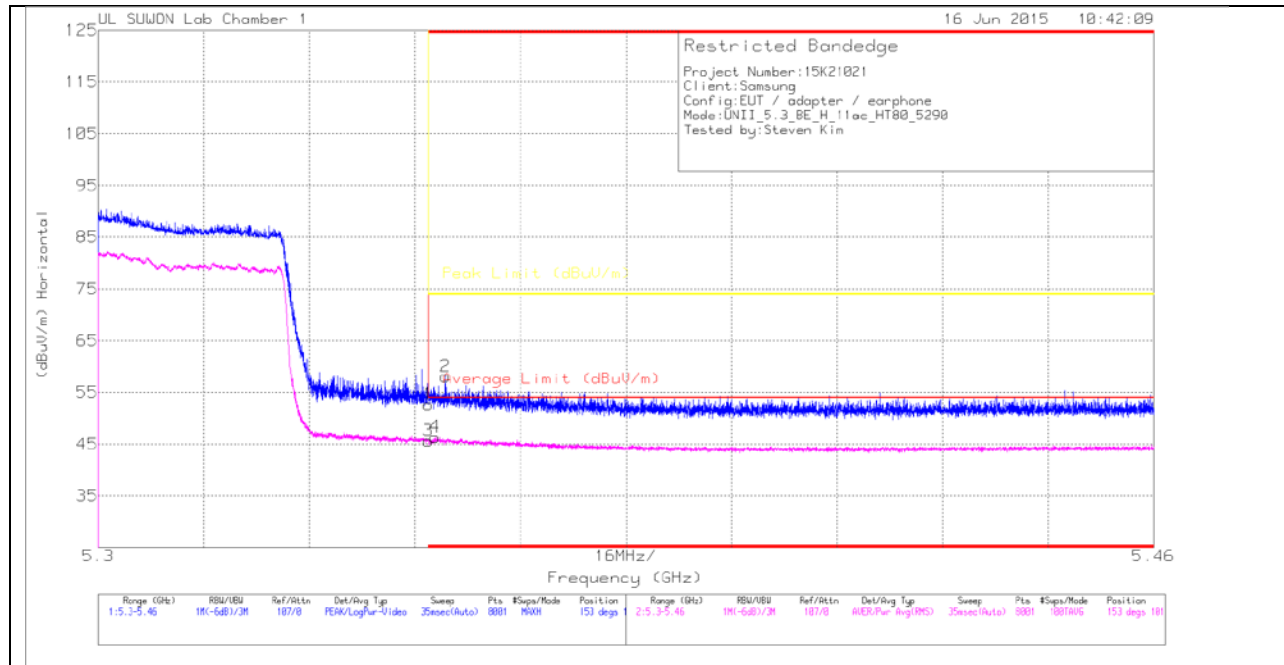
* - indicates frequency in CFR15.205/IC7.2.2 Restricted Band

PK1 - KDB789033 Method: Peak

AD1 - KDB789033 Method: AD Primary Power Average

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

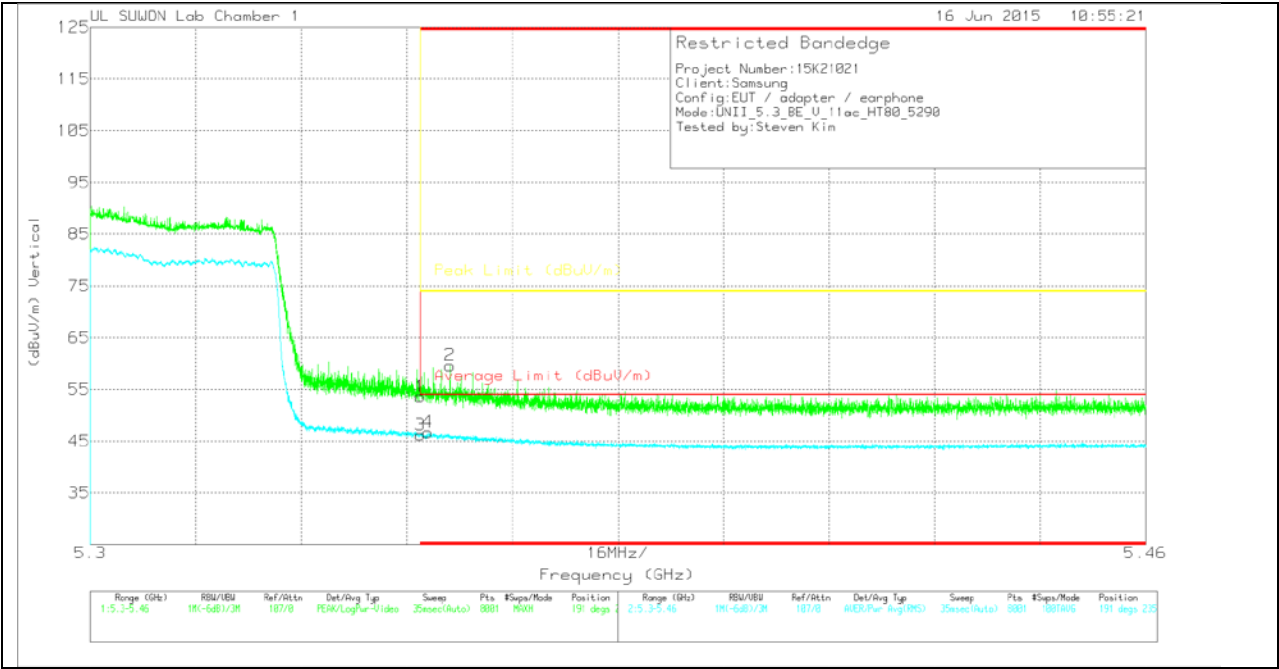
s	Frequency (GHz)	Meter Reading (dBuV)	Det	3115D Factor	Path_2_10dB	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 5.35	39.01	Pk	33.3	-19.6	0	52.71	-	-	74	-21.29	153	101	H
2	* 5.353	44.4	Pk	33.3	-19.6	0	58.1	-	-	74	-15.9	153	101	H
3	* 5.35	30.81	RMS	33.3	-19.6	1.18	45.69	54	-8.31	-	-	153	101	H
4	* 5.351	31.51	RMS	33.3	-19.6	1.18	46.39	54	-7.61	-	-	153	101	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	3115D Factor	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	39.95	Pk	33.3	-19.6	0	53.65	-	-	74	-20.35	191	235	V
2	* 5.355	45.97	Pk	33.3	-19.6	0	59.67	-	-	74	-14.33	191	235	V
3	* 5.35	31.35	RMS	33.3	-19.6	1.18	46.23	54	-7.77	-	-	191	235	V
4	* 5.351	31.86	RMS	33.3	-19.6	1.18	46.74	54	-7.26	-	-	191	235	V

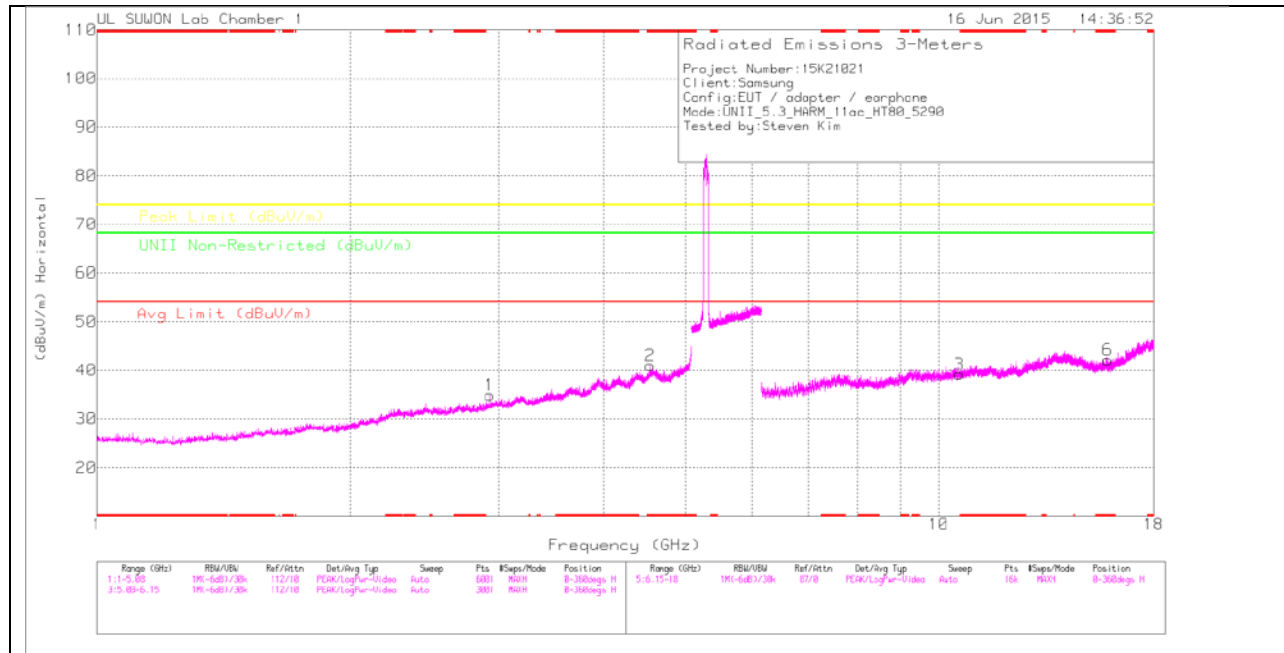
* - indicates frequency in CFR15.205/IC7.2.2 Restricted Band

PK - Peak detector

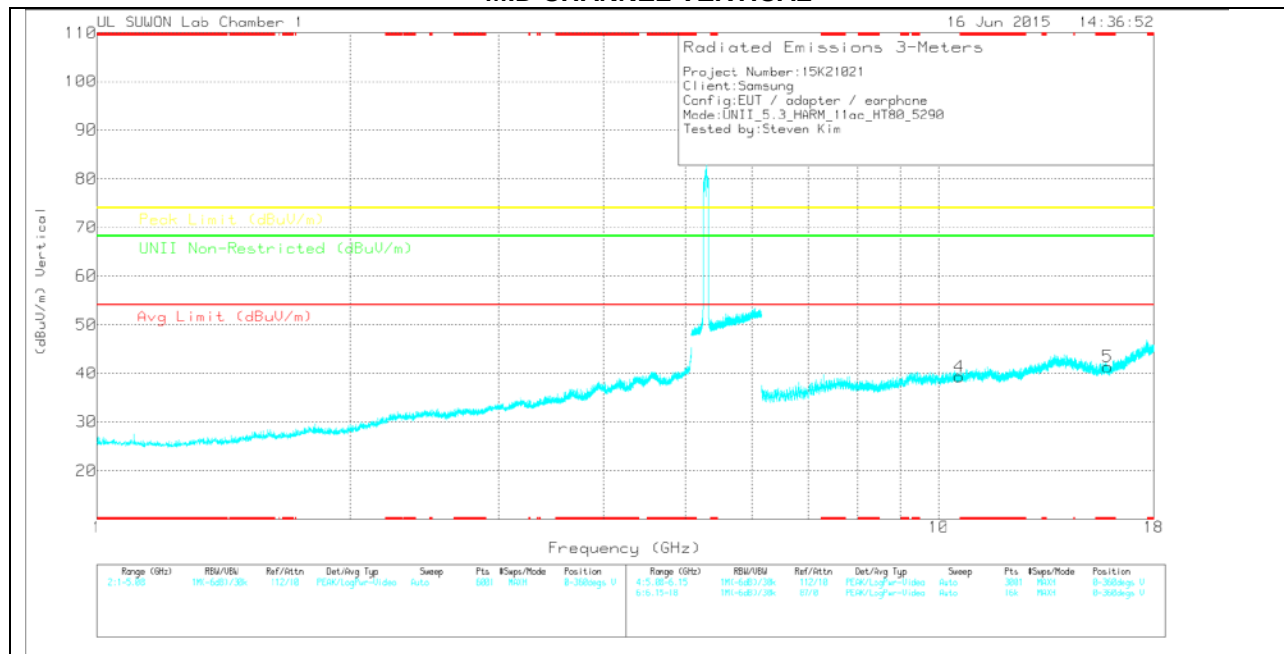
RMS - RMS detection

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	3115D Factor	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	2.93	37.49	PK	28.5	-31.1	0	34.89	-	-	-	-	68.2	-33.31	0-360	200	H
2	* 4.537	37.29	PK	31.8	-28.1	0	40.99	-	-	74	-33.01	-	-	0-360	200	H
3	10.582	21.79	PK	38.4	-21	0	39.19	-	-	-	-	68.2	-29.01	0-360	200	H
6	* 15.874	21.83	PK	38.6	-18.3	0	42.13	-	-	74	-31.87	-	-	0-360	200	H
4	10.578	21.85	PK	38.4	-21	0	39.25	-	-	-	-	68.2	-28.95	0-360	100	V
5	* 15.876	20.93	PK	38.7	-18.3	0	41.33	-	-	74	-32.67	-	-	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	3115D Factor	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
2.929	42.6	PK1	28.5	-31.1	0	40	-	-	-	-	68.2	-28.2	146	103	H
2.928	30.5	AD1	28.5	-31.1	0	27.9	-	-	-	-	-	-	146	103	H
* 4.536	43.66	PK1	31.8	-28.1	0	47.36	-	-	74	-26.64	-	-	263	400	H
* 4.536	31.28	AD1	31.8	-28.1	0	34.98	54	-19.02	-	-	-	-	263	400	H
10.58	20.2	AD1	38.4	-21	1.18	38.78	-	-	-	-	-	-	4	295	H
* 15.875	20.32	AD1	38.7	-18.3	1.18	41.9	54	-12.1	-	-	-	-	289	200	H
10.577	20.4	AD1	38.4	-21	1.18	38.98	-	-	-	-	-	-	193	167	V
* 15.875	18.79	AD1	38.6	-18.3	1.18	40.27	54	-13.73	-	-	-	-	193	100	V
10.58	33.07	PK1	38.4	-21	0	50.47	-	-	-	-	68.2	-17.73	4	295	H
* 15.873	31.16	PK1	38.6	-18.3	0	51.46	-	-	74	-22.54	-	-	289	200	H
10.576	32.26	PK1	38.4	-21	0	49.66	-	-	-	-	68.2	-18.54	193	167	V
* 15.874	31.03	PK1	38.6	-18.3	0	51.33	-	-	74	-22.67	-	-	193	100	V

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

PK1 - KDB789033 Method: Peak

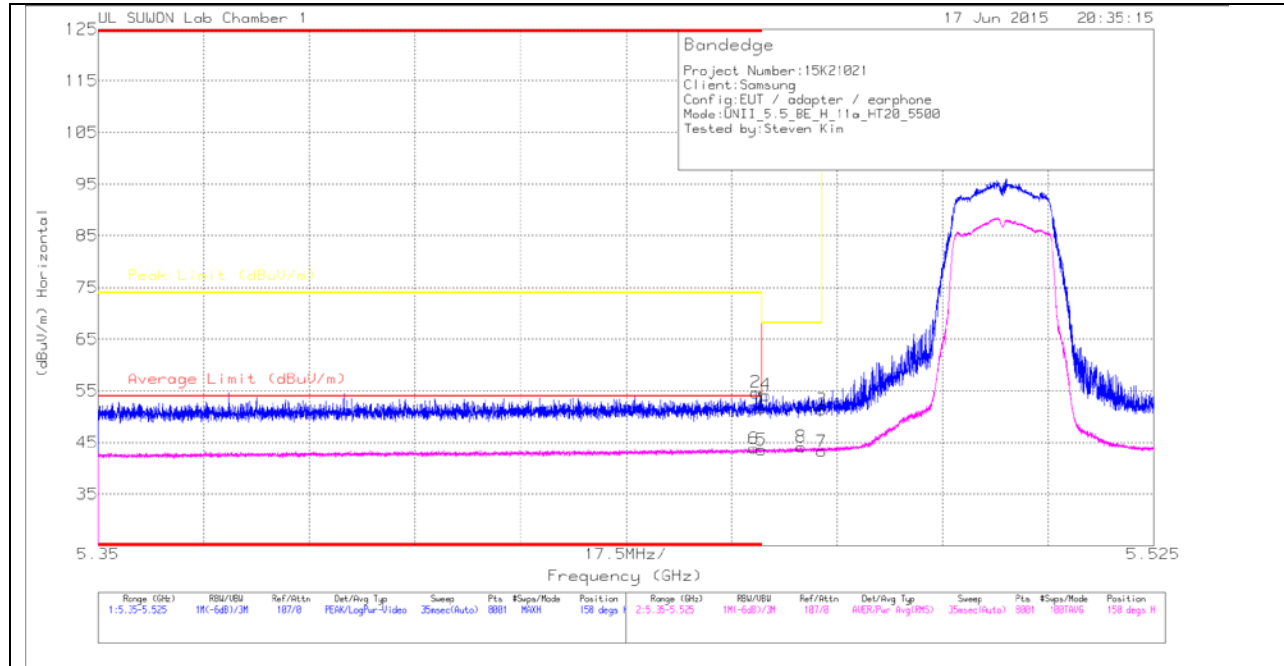
AD1 - KDB789033 Method: AD Primary Power Average

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

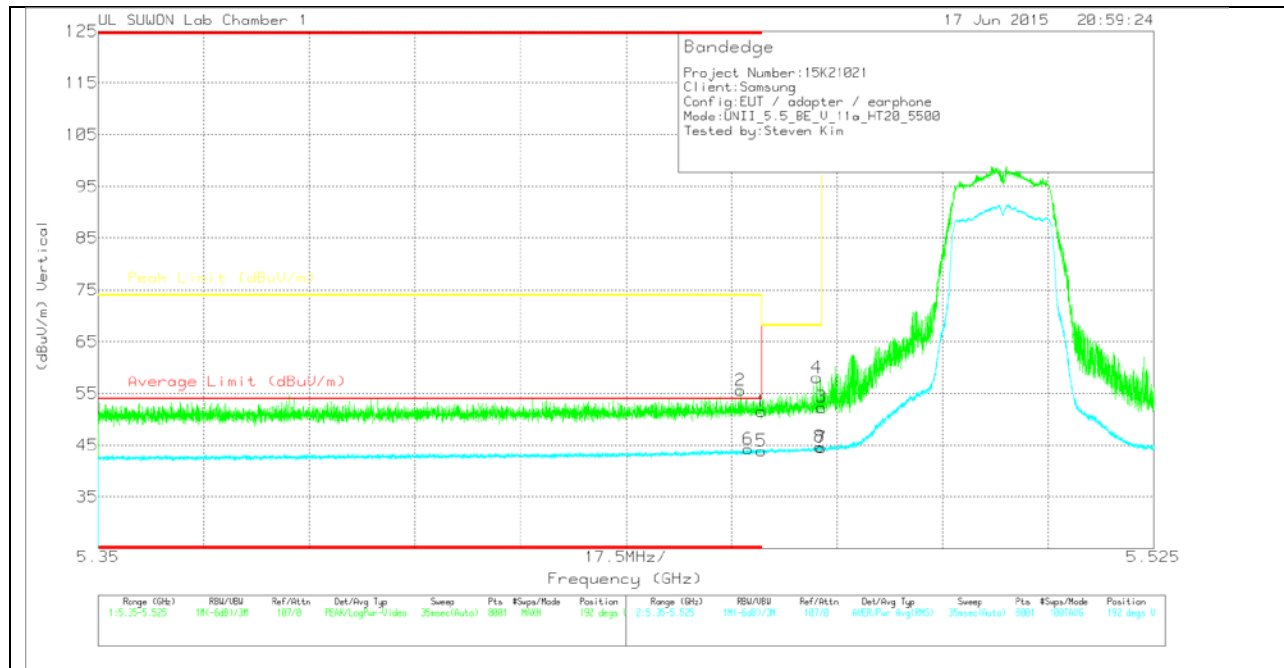
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	3115D Factor	Path_2_10d B	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 5.46	37.15	Pk	33.7	-19.2	0	51.65	-	-	74	-22.35	158	320	H
2	* 5.459	40.18	Pk	33.7	-19.2	0	54.68	-	-	74	-19.32	158	320	H
3	5.47	36.87	Pk	33.7	-19.2	0	51.37	-	-	68.2	-16.83	158	320	H
4	5.461	39.68	Pk	33.7	-19.2	0	54.18	-	-	68.2	-14.02	158	320	H
5	* 5.46	28.79	RMS	33.7	-19.2	.3	43.59	54	-10.41	-	-	158	320	H
6	* 5.459	29.08	RMS	33.7	-19.2	.3	43.88	54	-10.12	-	-	158	320	H
7	5.47	28.49	RMS	33.7	-19.2	.3	43.29	-	-	-	-	158	320	H
8	5.467	29.38	RMS	33.7	-19.2	.3	44.18	-	-	-	-	158	320	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	3115D Factor	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	37.03	Pk	33.7	-19.2	0	51.53	-	-	74	-22.47	192	219	V
2	* 5.457	41.11	Pk	33.7	-19.2	0	55.61	-	-	74	-18.39	192	219	V
3	5.47	37.87	Pk	33.7	-19.2	0	52.37	-	-	68.2	-15.83	192	219	V
4	5.469	43.57	Pk	33.7	-19.2	0	58.07	-	-	68.2	-10.13	192	219	V
5	* 5.46	29.13	RMS	33.7	-19.2	.3	43.93	54	-10.07	-	-	192	219	V
6	* 5.458	29.46	RMS	33.7	-19.2	.3	44.26	54	-9.74	-	-	192	219	V
7	5.47	29.7	RMS	33.7	-19.2	.3	44.5	-	-	-	-	192	219	V
8	5.47	29.89	RMS	33.7	-19.2	.3	44.69	-	-	-	-	192	219	V

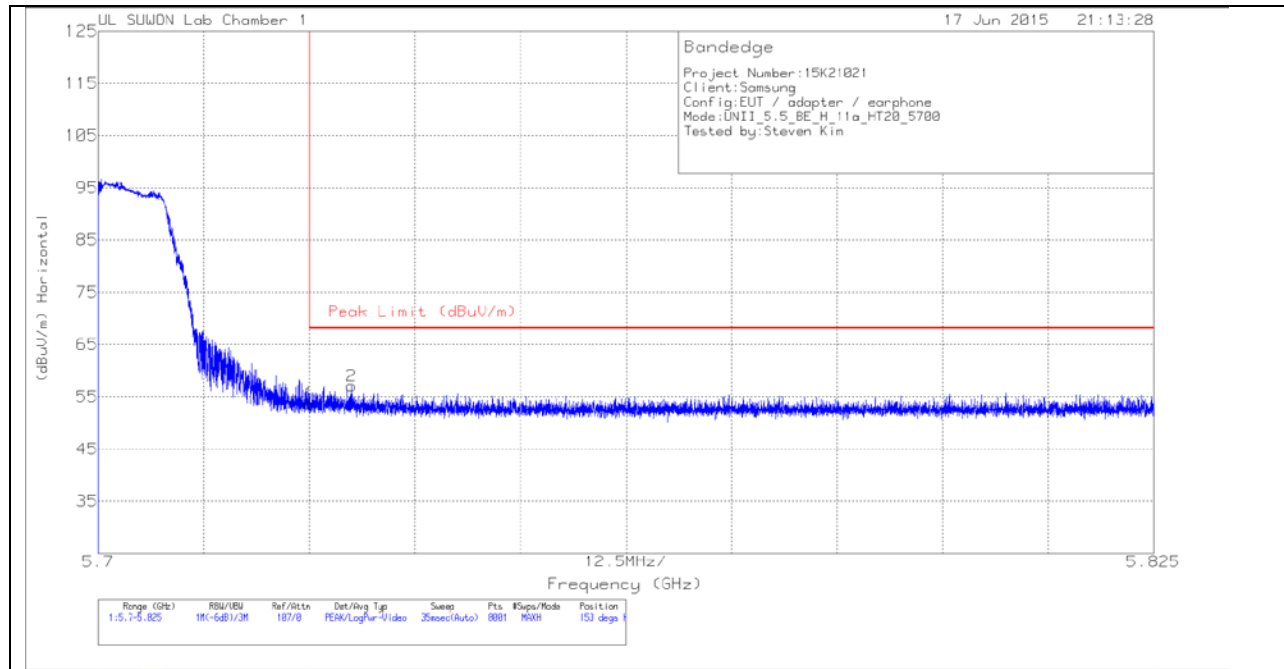
* - indicates frequency in CFR15.205/IC7.2.2 Restricted Band

PK - Peak detector

RMS - RMS detection

AUTHORIZED BANDEDGE (HIGH CHANNEL)

HORIZONTAL PEAK AND AVERAGE PLOT



HORIZONTAL DATA

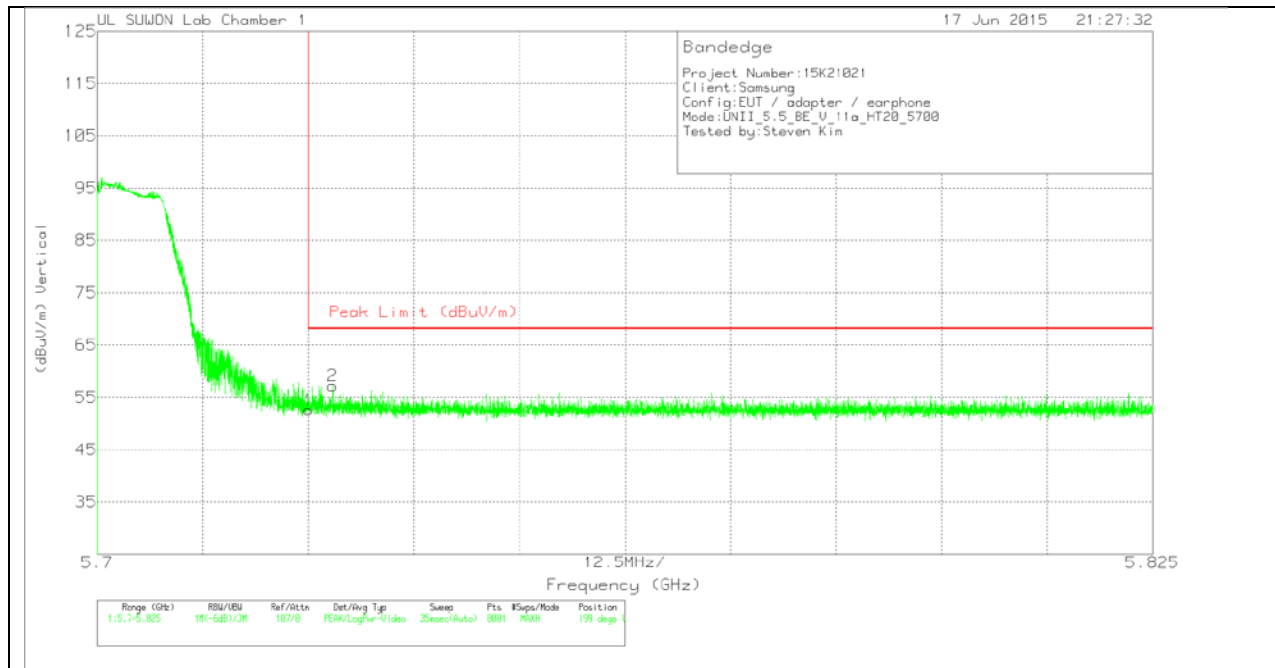
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	3115D Factor	Path_2_10 dB	DC Corr (dB)	Corrected Reading (dBuV/m)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.725	38.25	Pk	34.3	-18.8	0	53.75	68.2	-14.45	153	385	H
2	5.73	41.47	Pk	34.4	-18.8	0	57.07	68.2	-11.13	153	385	H

* - 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	3115D Factor	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	37.11	Pk	34.3	-18.8	0	52.61	68.2	-15.59	199	206	V
2	5.728	41.7	Pk	34.3	-18.8	0	57.2	68.2	-11	199	206	V

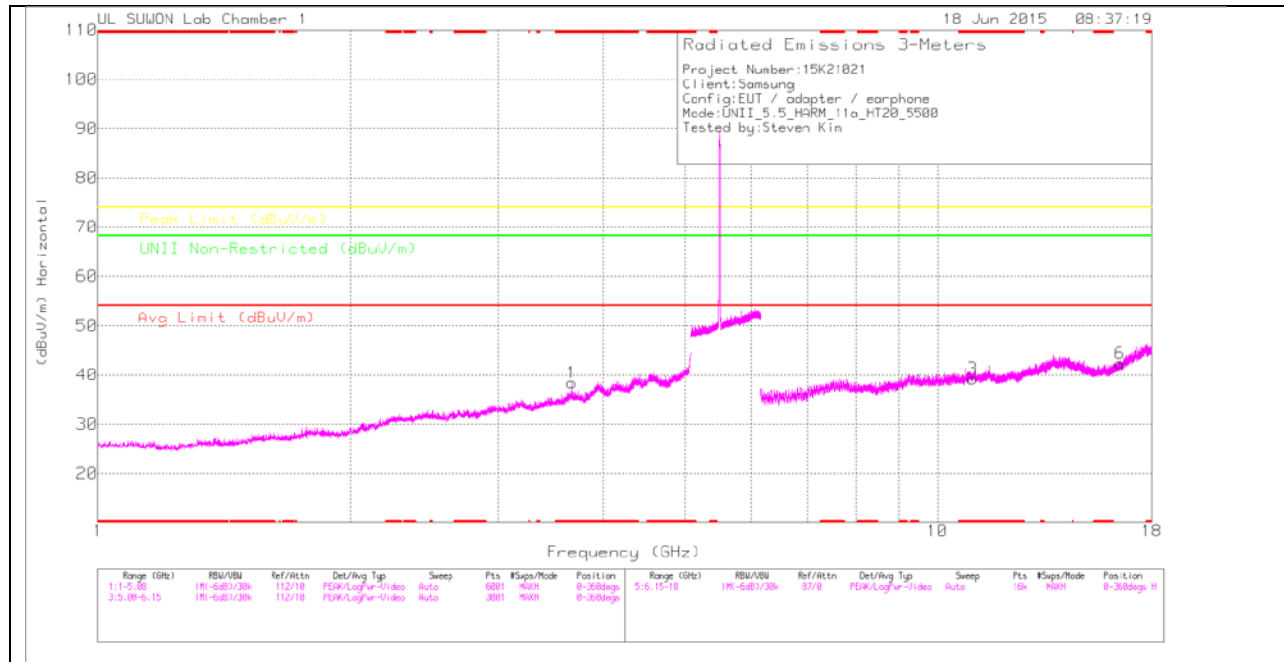
* - indicates frequency in CFR15.205/IC7.2.2 Restricted Band

PK - Peak detector

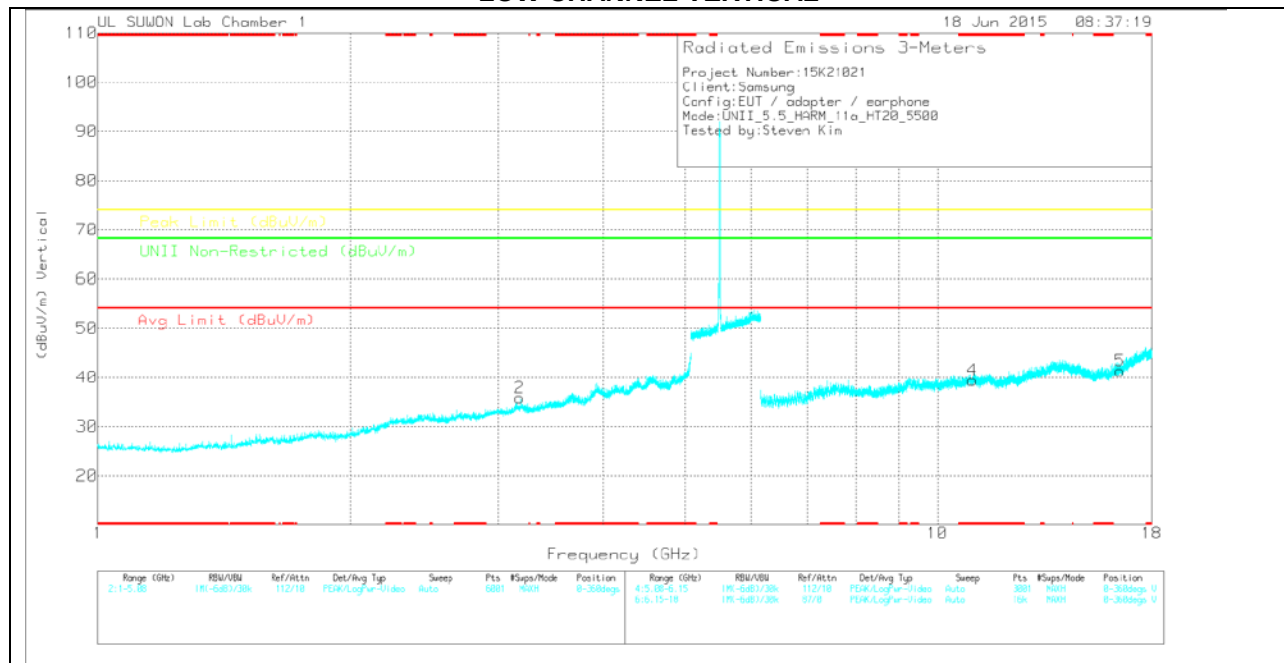
RMS - RMS detection

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	3115D Factor	Path_4_5G LP	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	UNII Non-Restricted (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 3.667	37.97	PK	30.1	-29.7	0	38.37	-	-	74	-35.63	-	-	0-360	100	H
2	3.179	37.06	PK	29	-30.2	0	35.86	-	-	-	-	68.2	-32.34	0-360	200	V
3	* 11	21.8	PK	38.4	-21	0	39.2	-	-	74	-34.8	-	-	0-360	200	H
6	16.5	20.53	PK	39.5	-17.7	0	42.33	-	-	-	-	68.2	-25.87	0-360	100	H
4	* 10.999	22.04	PK	38.4	-21	0	39.44	-	-	74	-34.56	-	-	0-360	200	V
5	16.5	19.54	PK	39.5	-17.7	0	41.34	-	-	-	-	68.2	-26.86	0-360	200	V

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

PK – PK Peak Detector

Radiated Emissions

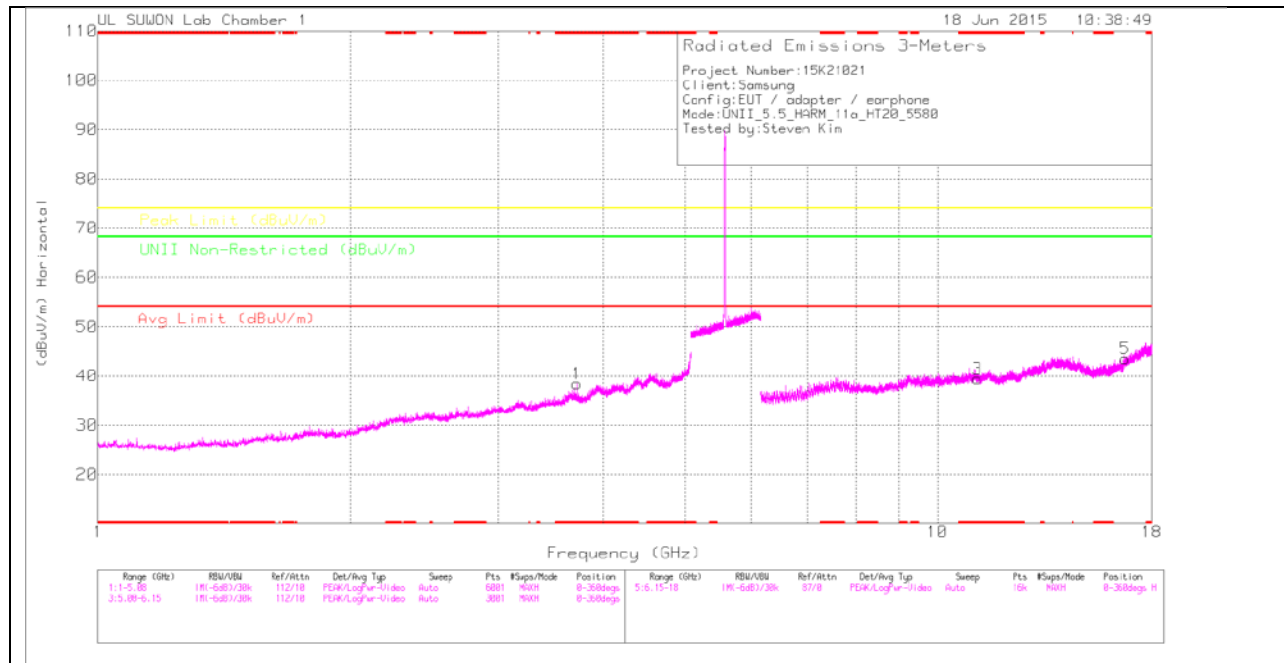
Frequency (GHz)	Meter Reading (dBuV)	Det	3115D Factor	Path_4_5GLP	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	UNII Non-Restricted (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
* 3.665	44.25	PK1	30.1	-29.7	0	44.65	-	-	74	-29.35	-	-	293	100	H
* 3.669	31.07	AD1	30.1	-29.7	0	31.47	54	-22.53	-	-	-	-	293	100	H
3.179	42.43	PK1	29	-30.2	0	41.23	-	-	-	-	68.2	-26.97	320	140	V
3.177	29.96	AD1	29	-30.2	0	28.76	-	-	-	-	-	-	320	140	V
* 11.001	19.6	AD1	38.4	-21	.3	37.3	54	-16.7	-	-	-	-	280	210	H
16.501	16.61	AD1	39.5	-17.7	.3	38.71	-	-	-	-	-	-	250	130	H
* 10.999	19.8	AD1	38.4	-21	.3	37.5	54	-16.5	-	-	-	-	210	205	V
16.499	17.39	AD1	39.5	-17.7	.3	39.49	-	-	-	-	-	-	170	225	V
* 11.001	33.66	PK1	38.4	-21	0	51.06	-	-	74	-22.94	-	-	280	210	H
16.501	30.44	PK1	39.5	-17.7	0	52.24	-	-	-	-	68.2	-15.96	250	130	H
* 10.999	32.93	PK1	38.4	-21	0	50.33	-	-	74	-23.67	-	-	210	205	V
16.502	30.3	PK1	39.5	-17.7	0	52.1	-	-	-	-	68.2	-16.1	170	225	V

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

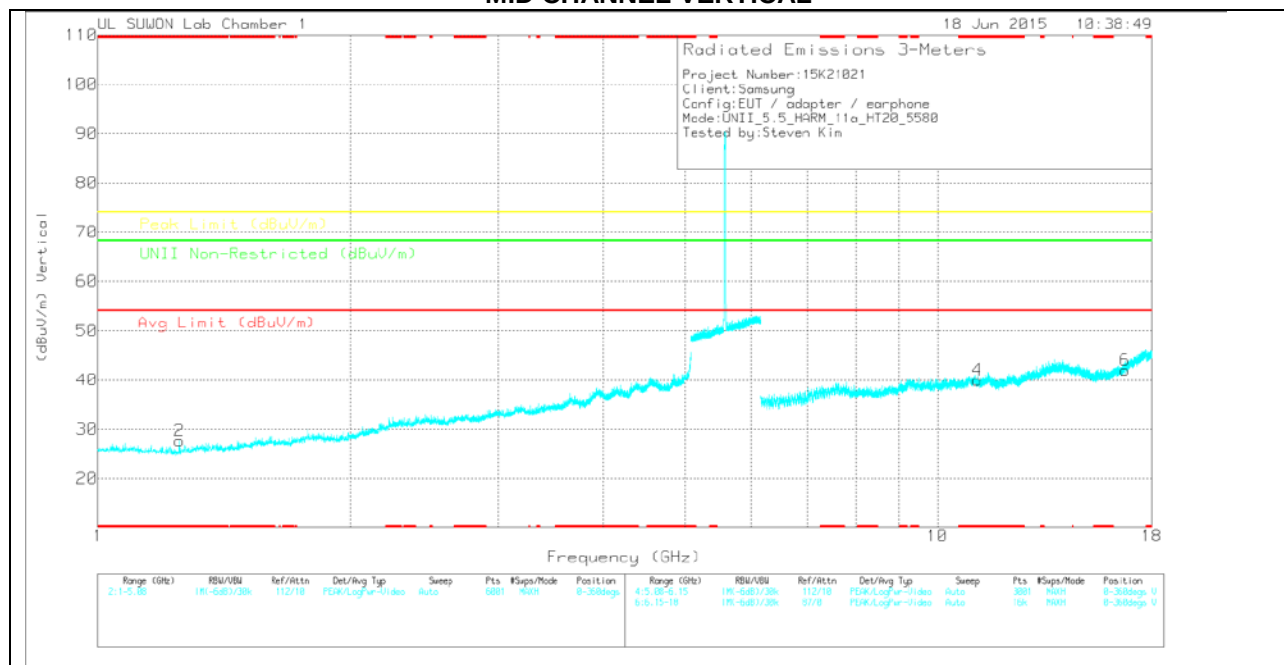
PK1 - KDB789033 Method: Peak

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	3115D Factor	Path_4_5G LP	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	UNII Non-Restricted (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 3.72	38.4	PK	30.2	-30.2	0	38.4	-	-	74	-35.6	-	-	0-360	100	H
2	* 1.25	38.16	PK	23.6	-34.1	0	27.66	-	-	74	-46.34	-	-	0-360	100	V
3	* 11.16	21.94	PK	38.5	-21	0	39.44	-	-	74	-34.56	-	-	0-360	100	H
5	16.74	20.28	PK	40.1	-16.9	0	43.48	-	-	-	-	68.2	-24.72	0-360	100	H
4	* 11.159	22.47	PK	38.5	-21	0	39.97	-	-	74	-34.03	-	-	0-360	100	V
6	16.74	18.77	PK	40.1	-16.9	0	41.97	-	-	-	-	68.2	-26.23	0-360	200	V

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

PK – Peak Detector

Radiated Emissions

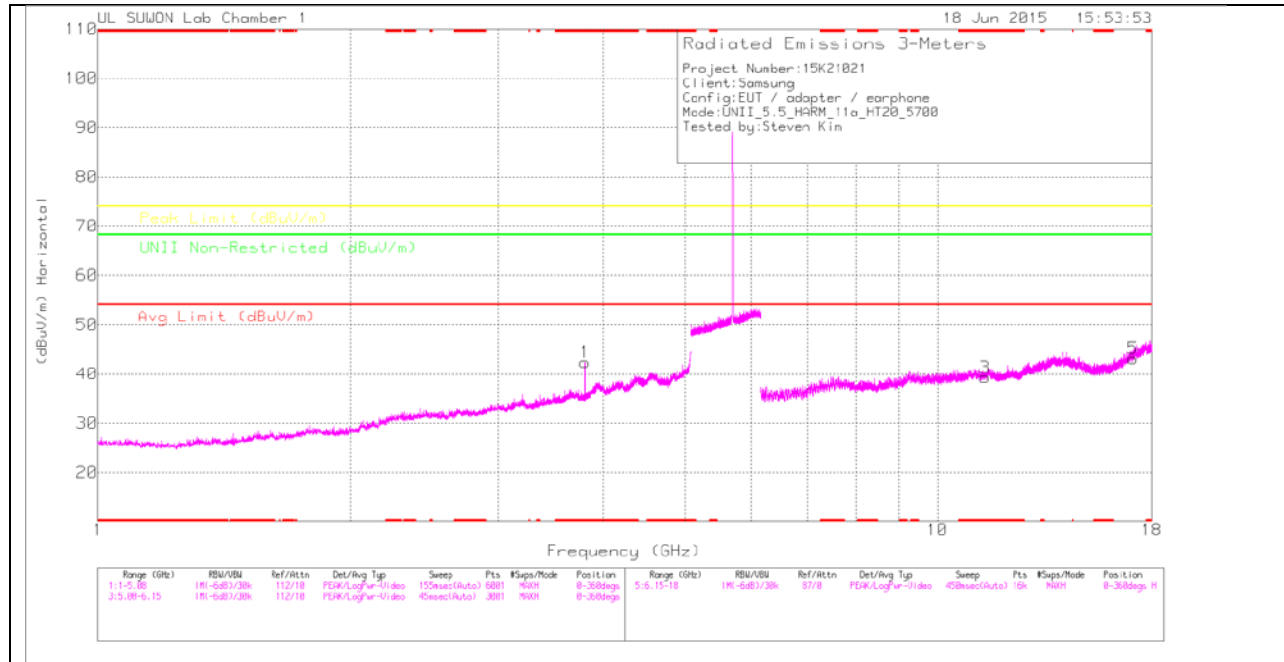
Frequency (GHz)	Meter Reading (dBuV)	Det	3115D Factor	Path_4_5GLP	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	UNII Non-Restricted (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
* 3.72	45.48	PK1	30.2	-30.2	0	45.48	-	-	74	-28.52	-	-	336	100	H
* 3.72	35.39	AD1	30.2	-30.2	0	35.39	54	-18.61	-	-	-	-	336	100	H
* 1.25	44	PK1	23.6	-34.1	0	33.5	-	-	74	-40.5	-	-	275	120	V
* 1.25	32.87	AD1	23.6	-34.1	0	22.37	54	-31.63	-	-	-	-	275	120	V
* 11.161	19.15	AD1	38.5	-21	.3	36.95	54	-17.05	-	-	-	-	195	128	H
16.742	17.71	AD1	40.1	-16.9	.3	41.21	-	-	-	-	-	-	205	110	H
* 11.161	20.67	AD1	38.5	-21	.3	38.47	54	-15.53	-	-	-	-	180	210	V
* 11.162	33.07	PK1	38.5	-21	0	50.57	-	-	74	-23.43	-	-	195	128	H
16.742	30.81	PK1	40.1	-16.9	0	54.01	-	-	-	-	68.2	-14.19	205	110	H
* 11.158	32.6	PK1	38.5	-21	0	50.1	-	-	74	-23.9	-	-	180	210	V

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

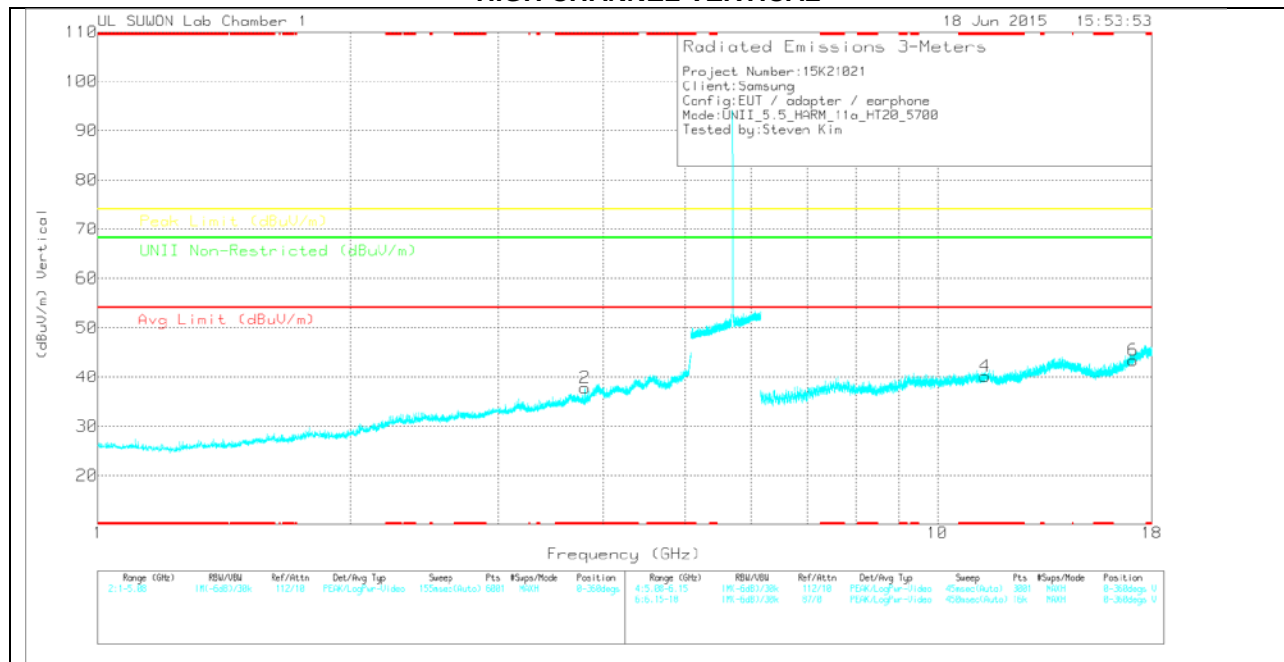
PK1 - KDB789033 Method: Peak

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	3115D Factor	Path_4_5G LP	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	UNII Non-Restricted (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 3.8	42.68	PK	30.4	-30.7	0	42.38	-	-	74	-31.62	-	-	0-360	100	H
2	* 3.8	38.1	PK	30.4	-30.7	0	37.8	-	-	74	-36.2	-	-	0-360	200	V
3	* 11.399	21.56	PK	38.6	-20.9	0	39.26	-	-	74	-34.74	-	-	0-360	100	H
5	17.1	18.71	PK	41	-16.6	0	43.11	-	-	-	-	68.2	-25.09	0-360	100	H
4	* 11.399	22.44	PK	38.6	-20.9	0	40.14	-	-	74	-33.86	-	-	0-360	200	V
6	17.1	18.99	PK	41	-16.6	0	43.39	-	-	-	-	68.2	-24.81	0-360	100	V

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

PK – PK Detector

Radiated Emissions

Frequency (GHz)	Meter Reading (dBuV)	Det	3115D Factor	Path_4_5GLP	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	UNII Non-Restricted (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
* 3.8	48.2	PK1	30.4	-30.7	0	47.9	-	-	74	-26.1	-	-	305	103	H
* 3.8	41.69	AD1	30.4	-30.7	0	41.39	54	-12.61	-	-	-	-	305	103	H
* 3.8	43.69	PK1	30.4	-30.7	0	43.39	-	-	74	-30.61	-	-	155	225	V
* 3.8	31.71	AD1	30.4	-30.7	0	31.41	54	-22.59	-	-	-	-	155	225	V
17.099	17.11	AD1	41	-16.6	.3	41.81	-	-	-	-	-	-	270	182	H
* 11.401	20.53	AD1	38.6	-20.9	.3	38.53	54	-15.47	-	-	-	-	107	151	H
17.1	16.57	AD1	41	-16.6	.3	41.27	-	-	-	-	-	-	357	100	V
* 11.399	20.61	AD1	38.6	-20.9	.3	38.61	54	-15.39	-	-	-	-	270	320	V
17.099	29.62	PK1	41	-16.6	0	54.02	-	-	-	-	68.2	-14.18	270	182	H
* 11.399	33.26	PK1	38.6	-20.9	0	50.96	-	-	74	-23.04	-	-	107	151	H
17.1	31.43	PK1	41	-16.6	0	55.83	-	-	-	-	68.2	-12.37	357	100	V
* 11.4	32.81	PK1	38.6	-20.9	0	50.51	-	-	74	-23.49	-	-	270	320	V

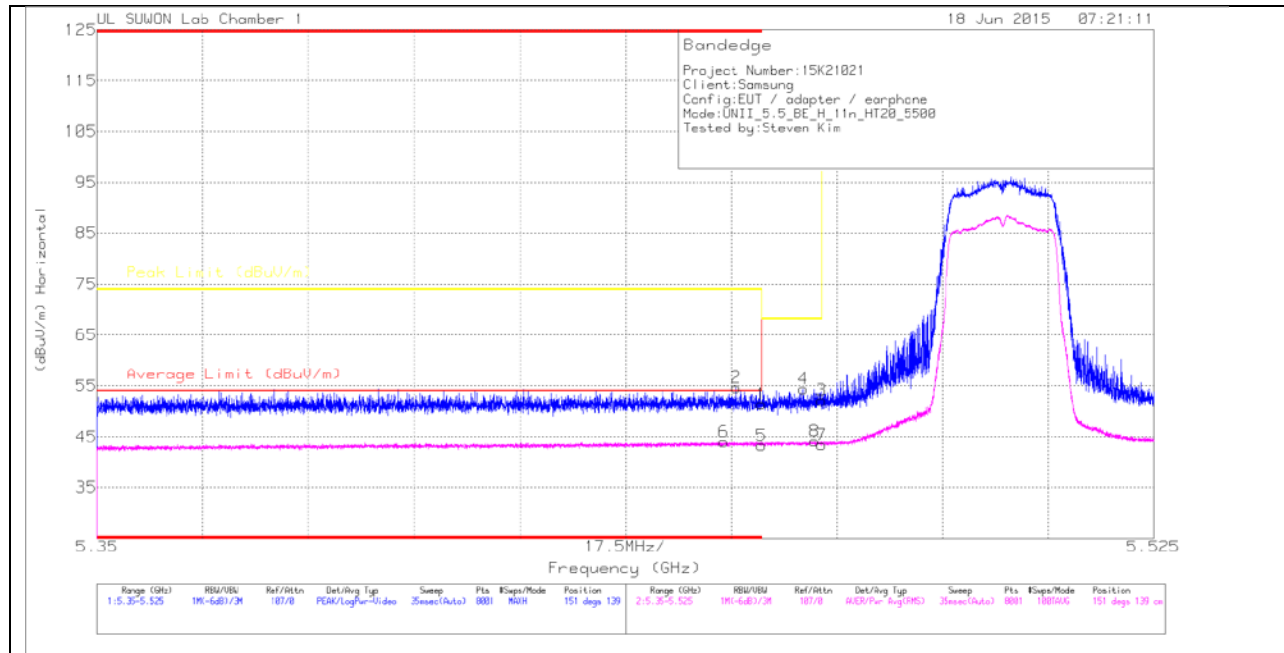
* - indicates frequency in CFR15.205/IC7.2.2 Restricted Band

PK1 - KDB789033 Method: Peak

AD1 - KDB789033 Method: AD Primary Power Average

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

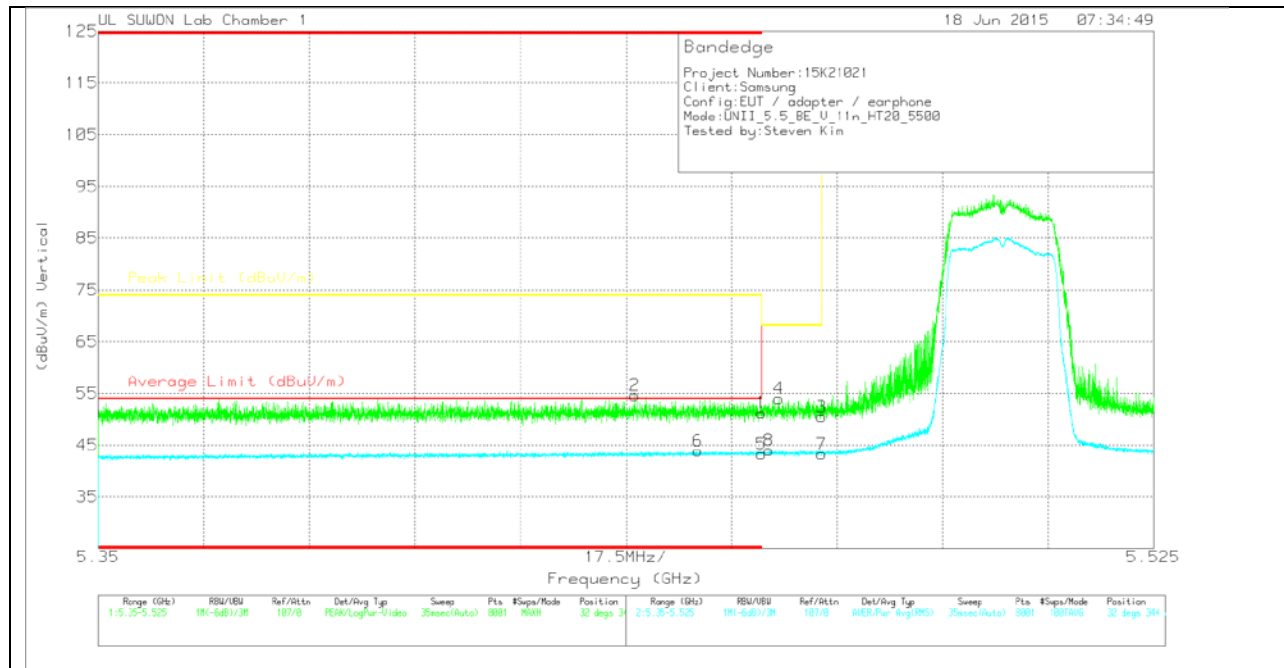
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	3115D Factor	Path_2_10d B	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 5.46	36.9	Pk	33.7	-19.2	0	51.4	-	-	74	-22.6	151	139	H
2	* 5.456	40.13	Pk	33.7	-19.2	0	54.63	-	-	74	-19.37	151	139	H
3	5.47	37.72	Pk	33.7	-19.2	0	52.22	-	-	68.2	-15.98	151	139	H
4	5.467	39.87	Pk	33.7	-19.2	0	54.37	-	-	68.2	-13.83	151	139	H
5	* 5.46	28.43	RMS	33.7	-19.2	.32	43.25	54	-10.75	-	-	151	139	H
6	* 5.454	29.25	RMS	33.7	-19.2	.32	44.07	54	-9.93	-	-	151	139	H
7	5.47	28.59	RMS	33.7	-19.2	.32	43.41	-	-	-	-	151	139	H
8	5.469	29.36	RMS	33.7	-19.2	.32	44.18	-	-	-	-	151	139	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	31150 Factor	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	36.74	Pk	33.7	-19.2	0	51.24	-	-	74	-22.76	32	344	V
2	* 5.439	40.22	Pk	33.6	-19.2	0	54.62	-	-	74	-19.38	32	344	V
3	5.47	35.98	Pk	33.7	-19.2	0	50.48	-	-	68.2	-17.72	32	344	V
4	5.463	39.5	Pk	33.7	-19.2	0	54	-	-	68.2	-14.2	32	344	V
5	* 5.46	28.47	RMS	33.7	-19.2	.32	43.29	54	-10.71	-	-	32	344	V
6	* 5.449	29.17	RMS	33.6	-19.2	.32	43.89	54	-10.11	-	-	32	344	V
7	5.47	28.45	RMS	33.7	-19.2	.32	43.27	-	-	-	-	32	344	V
8	5.461	29.21	RMS	33.7	-19.2	.32	44.03	-	-	-	-	32	344	V

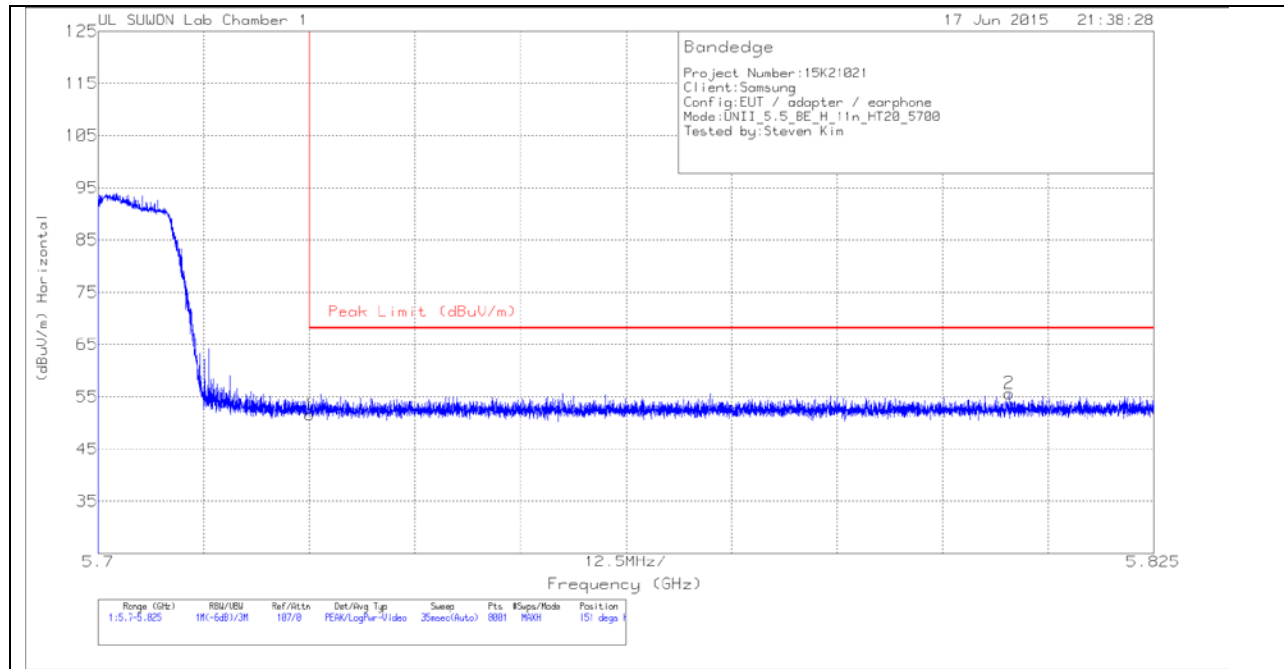
* - indicates frequency in CFR15.205/IC7.2.2 Restricted Band

PK - Peak detector

RMS - RMS detection

AUTHORIZED BANDEDGE (HIGH CHANNEL)

HORIZONTAL PEAK AND AVERAGE PLOT



HORIZONTAL DATA

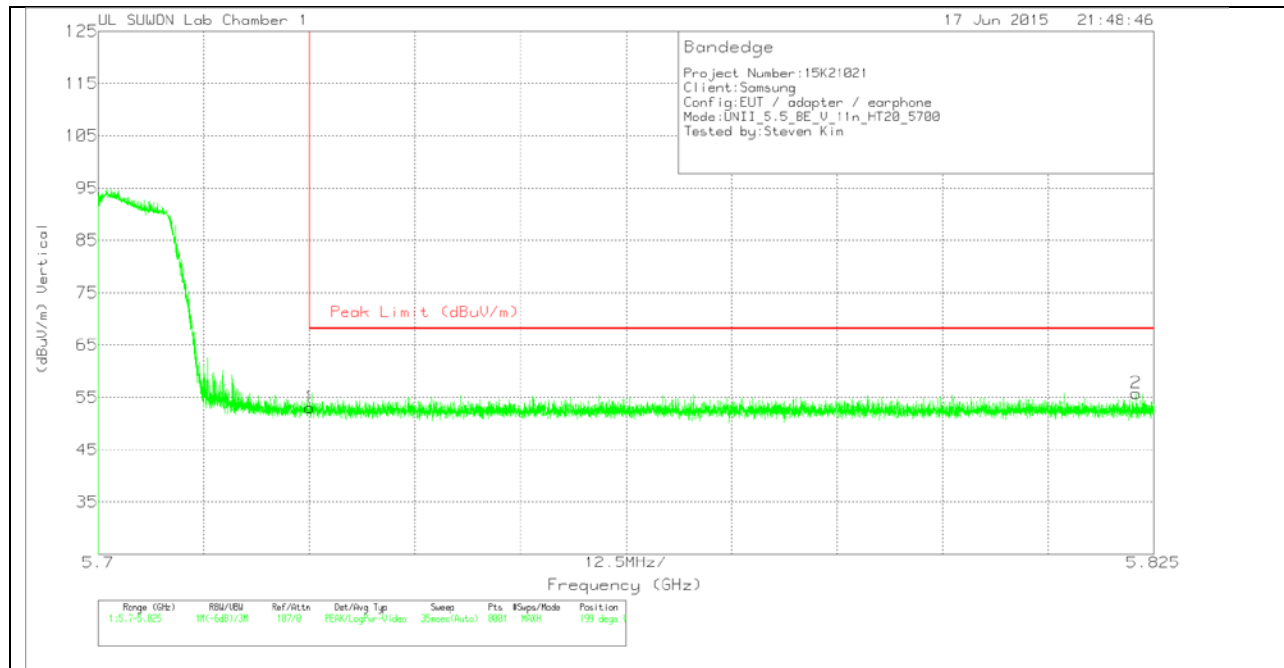
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	3115D Factor	Path_2_10 dB	DC Corr (dB)	Corrected Reading (dBuV/m)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.725	36.05	Pk	34.3	-18.8	0	51.55	68.2	-16.65	151	297	H
2	5.808	39.97	Pk	34.6	-18.9	0	55.67	68.2	-12.53	151	297	H

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

PK - Peak detector

RMS - RMS detection

VERTICAL PEAK AND AVERAGE PLOT



VERTICAL DATA

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	3115D Factor	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	37.64	Pk	34.3	-18.8	0	53.14	68.2	-15.06	199	224	V
2	5.823	40.1	Pk	34.6	-18.9	0	55.8	68.2	-12.4	199	224	V

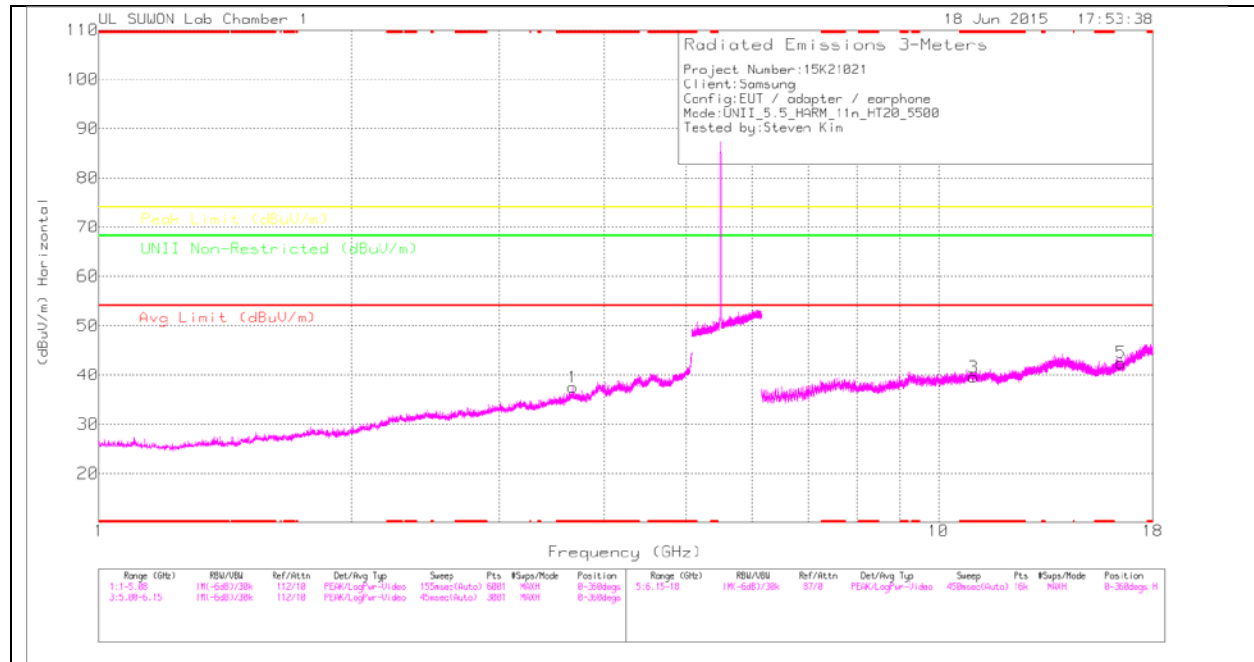
* - indicates frequency in CFR15.205/IC7.2.2 Restricted Band

PK - Peak detector

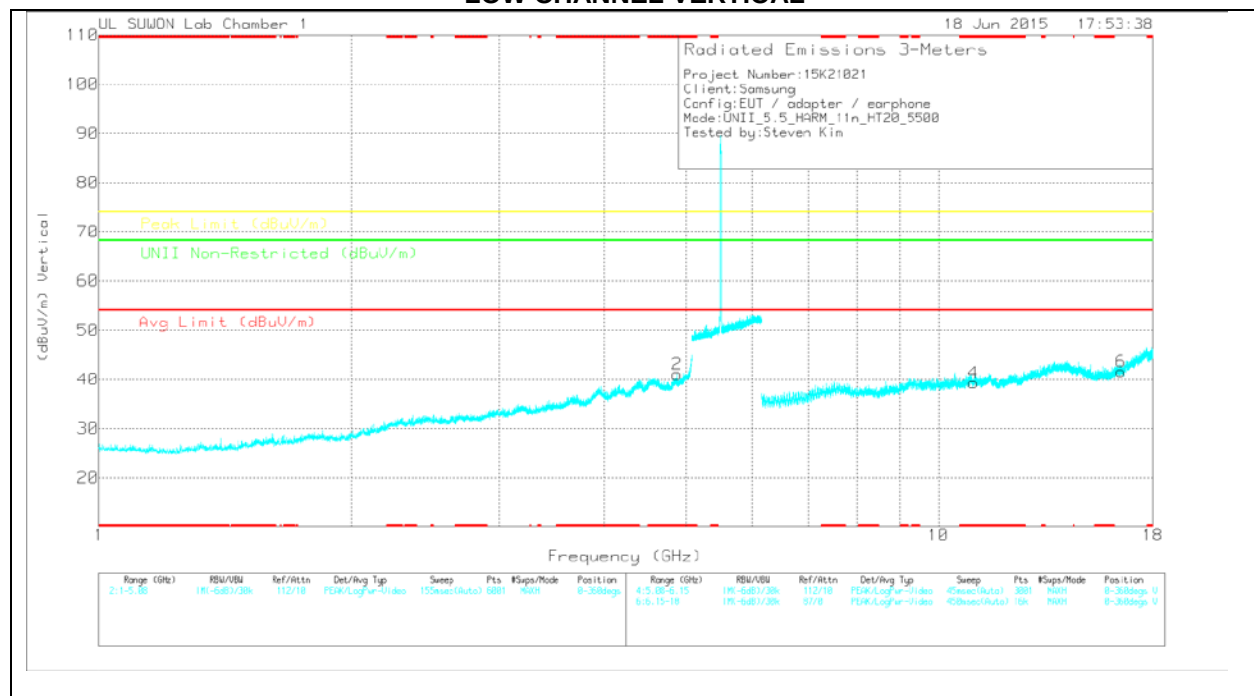
RMS - RMS detection

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	3115D Factor	Path_4_5G LP	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	UNII Non-Restricted (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 3.667	37.09	PK	30.1	-29.7	0	37.49	-	-	74	-36.51	-	-	0-360	100	H
2	* 4.886	37.04	PK	32	-28	0	41.04	-	-	74	-32.96	-	-	0-360	200	V
3	* 11	22.14	PK	38.4	-21	0	39.54	-	-	74	-34.46	-	-	0-360	100	H
5	16.5	20.64	PK	39.5	-17.7	0	42.44	-	-	-	-	68.2	-25.76	0-360	100	H
4	* 11	21.89	PK	38.4	-21	0	39.29	-	-	74	-34.71	-	-	0-360	100	V
6	16.501	19.77	PK	39.5	-17.7	0	41.57	-	-	-	-	68.2	-26.63	0-360	200	V

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

PK – PK Detector

Radiated Emissions

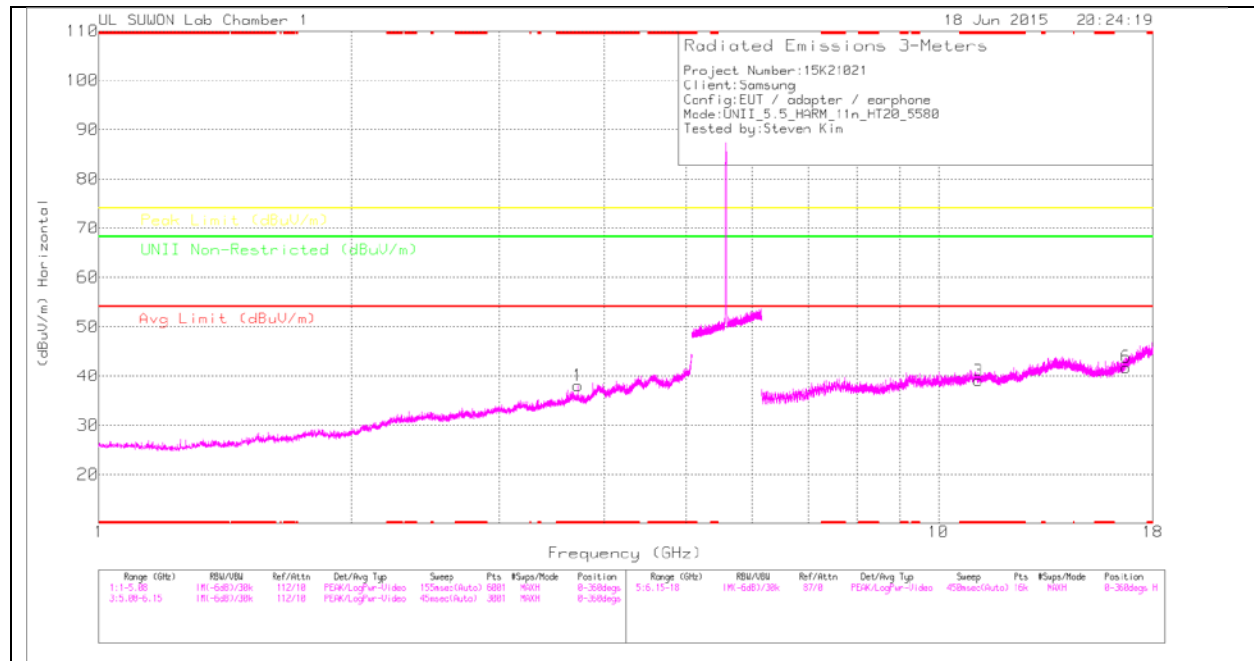
Frequency (GHz)	Meter Reading (dBuV)	Det	3115D Factor	Path_4_5G LP	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	UNII Non-Restricted (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
* 3.666	43.95	PK1	30.1	-29.7	0	44.35	-	-	74	-29.65	-	-	357	108	H
* 3.667	32.59	AD1	30.1	-29.7	0	32.99	54	-21.01	-	-	-	-	357	108	H
* 4.886	43.03	PK1	32	-28	0	47.03	-	-	74	-26.97	-	-	295	215	V
* 4.887	31.51	AD1	32	-28	0	35.51	54	-18.49	-	-	-	-	295	215	V
* 11.002	20.17	AD1	38.4	-21	.32	37.89	54	-16.11	-	-	-	-	240	122	H
16.499	16.09	AD1	39.5	-17.7	.32	38.21	-	-	-	-	-	-	206	113	H
* 10.998	19.01	AD1	38.4	-21	.32	36.73	54	-17.27	-	-	-	-	131	145	V
16.502	18.39	AD1	39.5	-17.7	.32	40.51	-	-	-	-	-	-	180	223	V
* 10.999	32.69	PK1	38.4	-21	0	50.09	-	-	74	-23.91	-	-	240	122	H
16.502	30.83	PK1	39.5	-17.7	0	52.63	-	-	-	-	68.2	-15.57	206	113	H
* 10.998	32.23	PK1	38.4	-21	0	49.63	-	-	74	-24.37	-	-	131	145	V
16.501	31.34	PK1	39.5	-17.7	0	53.14	-	-	-	-	68.2	-15.06	180	223	V

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

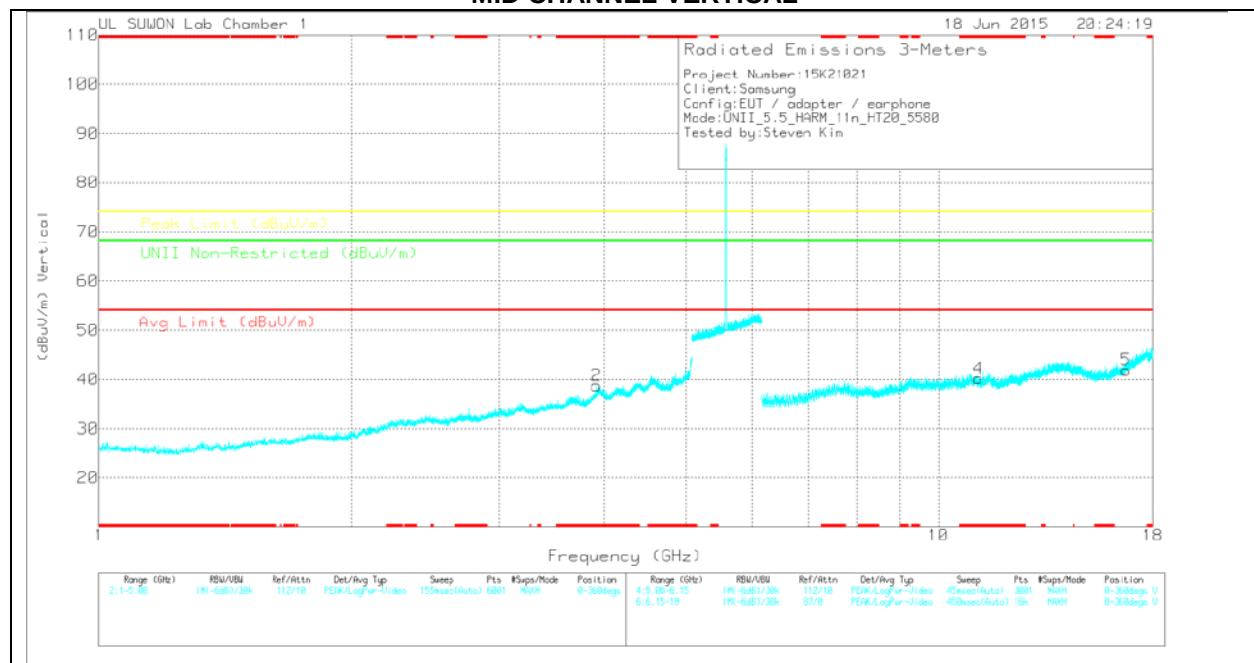
PK1 - KDB789033 Method: Peak

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	3115D Factor	Path_4_5G LP	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	UNII Non-Restricted (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 3.72	38.06	PK	30.2	-30.2	0	38.06	-	-	74	-35.94	-	-	0-360	100	H
2	* 3.914	37.03	PK	30.6	-28.9	0	38.73	-	-	74	-35.27	-	-	0-360	200	V
3	* 11.16	21.51	PK	38.5	-21	0	39.01	-	-	74	-34.99	-	-	0-360	100	H
6	16.74	18.58	PK	40.1	-16.9	0	41.78	-	-	-	-	68.2	-26.42	0-360	200	H
4	* 11.16	22.66	PK	38.5	-21	0	40.16	-	-	74	-33.84	-	-	0-360	100	V
5	16.74	18.72	PK	40.1	-16.9	0	41.92	-	-	-	-	68.2	-26.28	0-360	100	V

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

PK – Peak Detector

Radiated Emissions

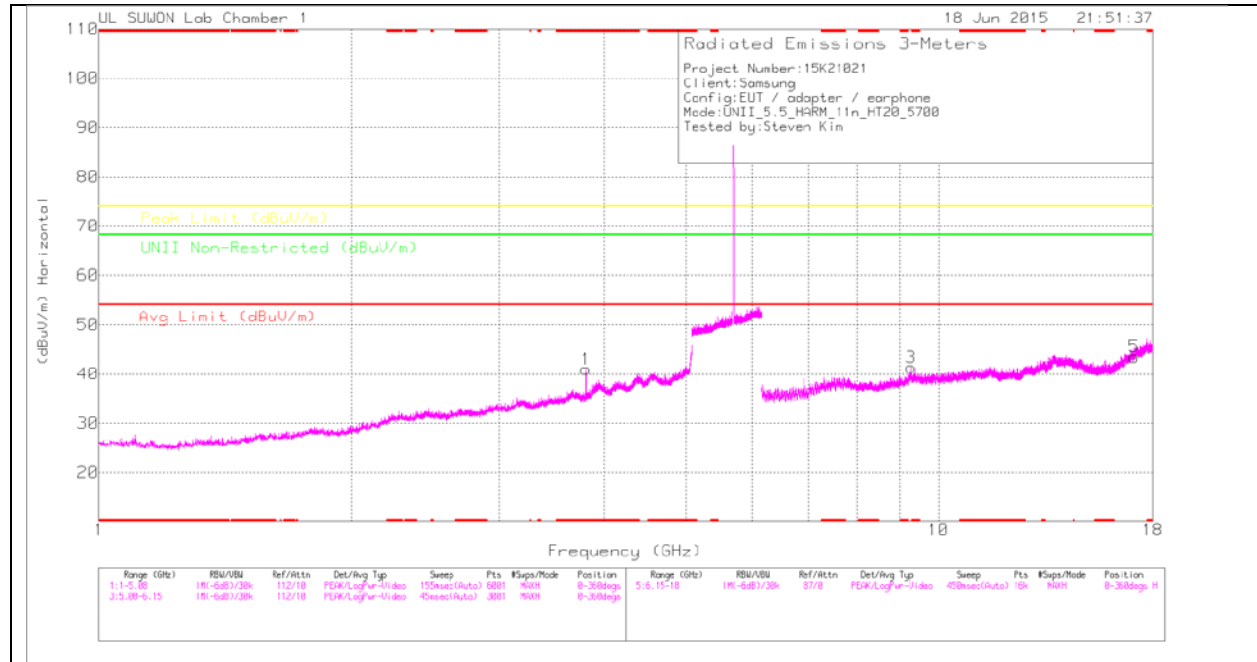
Frequency (GHz)	Meter Reading (dBuV)	Det	3115D Factor	Path_4_5G LP	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	UNII Non-Restricted (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
* 3.72	44.68	PK1	30.2	-30.2	0	44.68	-	-	74	-29.32	-	-	327	242	H
* 3.72	36.12	AD1	30.2	-30.2	0	36.12	54	-17.88	-	-	-	-	327	242	H
* 3.913	43.32	PK1	30.6	-28.9	0	45.02	-	-	74	-28.98	-	-	285	191	V
* 3.913	30.38	AD1	30.6	-28.9	0	32.08	54	-21.92	-	-	-	-	285	191	V
* 11.158	19.18	AD1	38.5	-21	.32	37	54	-17	-	-	-	-	307	132	H
16.741	17.93	AD1	40.1	-16.9	.32	41.45	-	-	-	-	-	-	307	304	H
* 11.158	19.7	AD1	38.5	-21	.32	37.52	54	-16.48	-	-	-	-	204	162	V
16.742	18.11	AD1	40.1	-16.9	.32	41.63	-	-	-	-	-	-	112	398	V
* 11.161	32.78	PK1	38.5	-21	0	50.28	-	-	74	-23.72	-	-	307	132	H
16.739	30.18	PK1	40.1	-16.9	0	53.38	-	-	-	-	68.2	-14.82	307	304	H
* 11.162	32.83	PK1	38.5	-21	0	50.33	-	-	74	-23.67	-	-	204	162	V
16.739	30.2	PK1	40.1	-16.9	0	53.4	-	-	-	-	68.2	-14.8	112	398	V

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

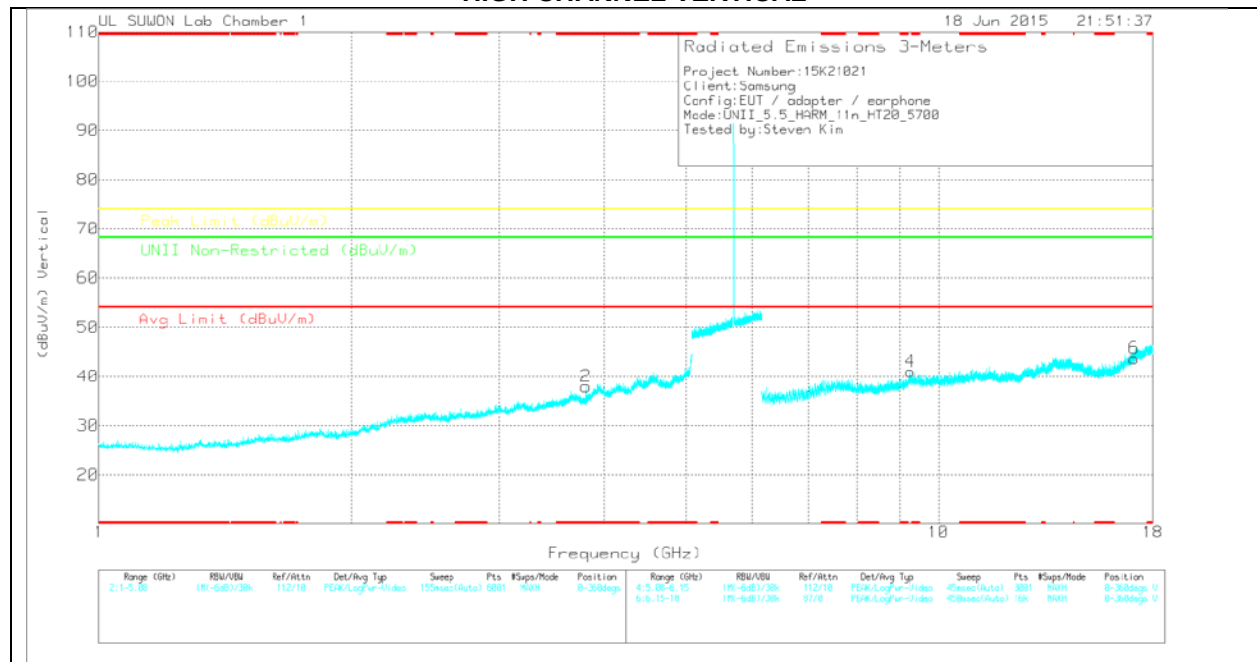
PK1 - KDB789033 Method: Peak

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	3115D Factor	Path_4_5G LP	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	UNII Non-Restricted (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 3.8	41.24	PK	30.4	-30.7	0	40.94	-	-	74	-33.06	-	-	0-360	100	H
2	* 3.8	38.27	PK	30.4	-30.7	0	37.97	-	-	74	-36.03	-	-	0-360	200	V
3	9.283	25.15	PK	37.7	-21.5	0	41.35	-	-	-	-	68.2	-26.85	0-360	200	H
5	17.1	19.07	PK	41	-16.6	0	43.47	-	-	-	-	68.2	-24.73	0-360	200	H
4	9.264	24.71	PK	37.7	-21.4	0	41.01	-	-	-	-	68.2	-27.19	0-360	100	V
6	17.1	19.29	PK	41	-16.6	0	43.69	-	-	-	-	68.2	-24.51	0-360	200	V

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

PK – Peak Detector

Radiated Emissions

Frequency (GHz)	Meter Reading (dBuV)	Det	3115D Factor	Path_4_5GLP	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	UNII Non-Restricted (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
* 3.8	47.39	PK1	30.4	-30.7	0	47.09	-	-	74	-26.91	-	-	303	100	H
* 3.8	40.65	AD1	30.4	-30.7	0	40.35	54	-13.65	-	-	-	-	303	100	H
* 3.8	47.11	PK1	30.4	-30.7	0	46.81	-	-	74	-27.19	-	-	249	356	V
* 3.8	39.68	AD1	30.4	-30.7	0	39.38	54	-14.62	-	-	-	-	249	356	V
9.282	20.99	AD1	37.7	-21.5	0	37.19	-	-	-	-	-	-	339	301	H
17.098	17.02	AD1	41	-16.6	.32	41.74	-	-	-	-	-	-	339	200	H
9.266	21.36	AD1	37.7	-21.4	0	37.66	-	-	-	-	-	-	232	212	V
17.102	18.06	AD1	41	-16.6	.32	42.78	-	-	-	-	-	-	308	245	V
9.285	33.47	PK1	37.7	-21.6	0	49.57	-	-	-	-	68.2	-18.63	339	301	H
17.1	29.39	PK1	41	-16.6	0	53.79	-	-	-	-	68.2	-14.41	339	200	H
9.265	33.69	PK1	37.7	-21.4	0	49.99	-	-	-	-	68.2	-18.21	232	212	V
17.101	29.48	PK1	41	-16.6	0	53.88	-	-	-	-	68.2	-14.32	308	245	V

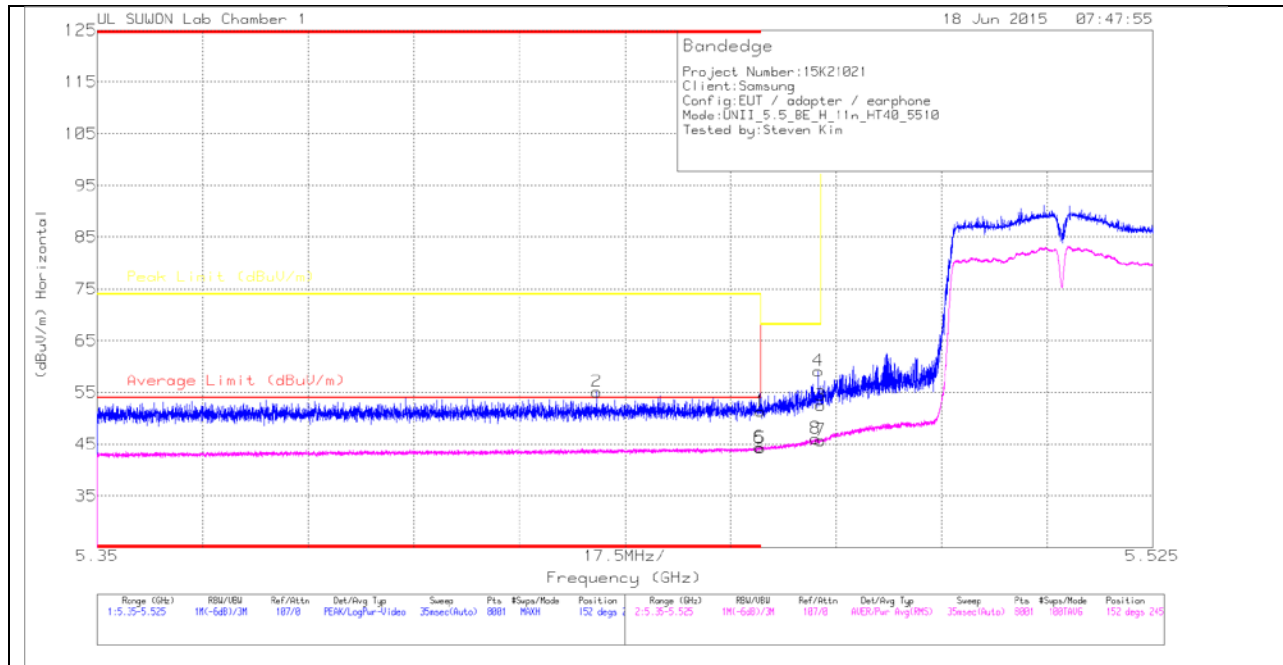
* - indicates frequency in CFR15.205/IC7.2.2 Restricted Band

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

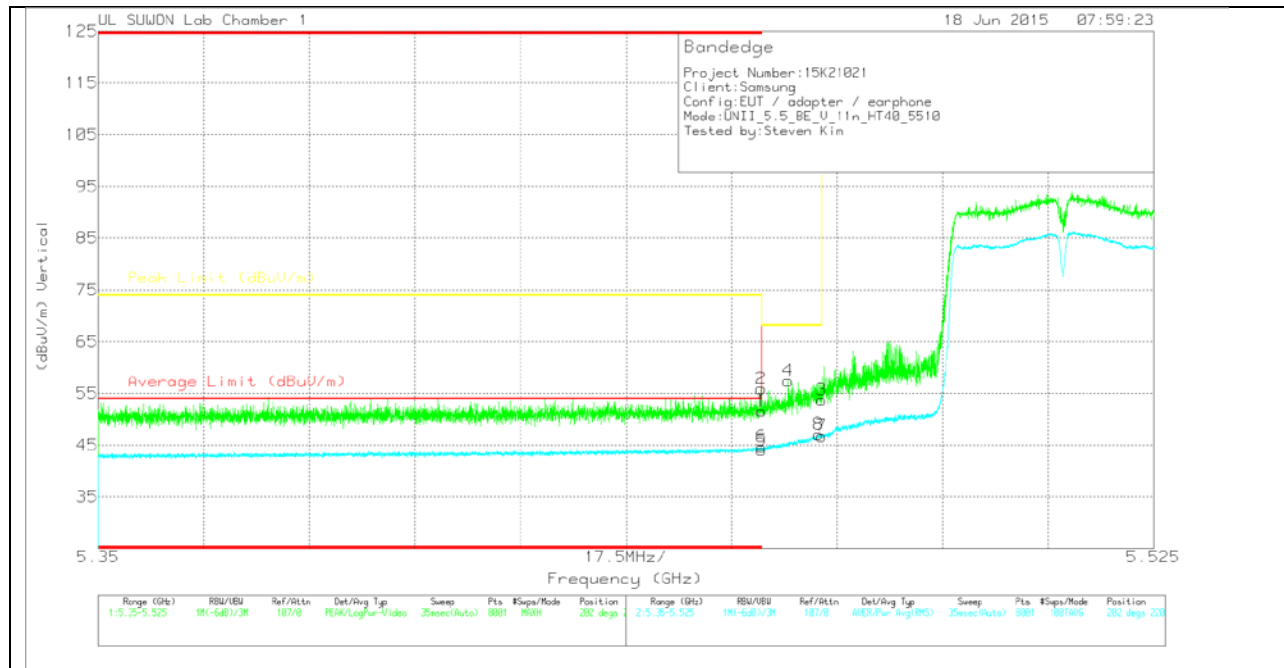
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	3115D Factor	Path_2_10dB	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 5.46	36.85	Pk	33.7	-19.2	0	51.35	-	-	74	-22.65	152	245	H
2	* 5.433	40.77	Pk	33.6	-19.2	0	55.17	-	-	74	-18.83	152	245	H
3	5.47	38.03	Pk	33.7	-19.2	0	52.53	-	-	68.2	-15.67	152	245	H
4	5.47	44.68	Pk	33.7	-19.2	0	59.18	-	-	68.2	-9.02	152	245	H
5	* 5.46	29.15	RMS	33.7	-19.2	.63	44.28	54	-9.72	-	-	152	245	H
6	* 5.46	29.31	RMS	33.7	-19.2	.63	44.44	54	-9.56	-	-	152	245	H
7	5.47	30.64	RMS	33.7	-19.2	.63	45.77	-	-	-	-	152	245	H
8	5.469	30.99	RMS	33.7	-19.2	.63	46.12	-	-	-	-	152	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	31150 Factor	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	37.06	Pk	33.7	-19.2	0	51.56	-	-	74	-22.44	202	220	V
2	* 5.46	41.42	Pk	33.7	-19.2	0	55.92	-	-	74	-18.08	202	220	V
3	5.47	39.26	Pk	33.7	-19.2	0	53.76	-	-	68.2	-14.44	202	220	V
4	5.464	42.98	Pk	33.7	-19.2	0	57.48	-	-	68.2	-10.72	202	220	V
5	* 5.46	28.87	RMS	33.7	-19.2	.63	44	54	-10	-	-	202	220	V
6	* 5.46	29.57	RMS	33.7	-19.2	.63	44.7	54	-9.3	-	-	202	220	V
7	5.47	31.65	RMS	33.7	-19.2	.63	46.78	-	-	-	-	202	220	V
8	5.469	31.96	RMS	33.7	-19.2	.63	47.09	-	-	-	-	202	220	V

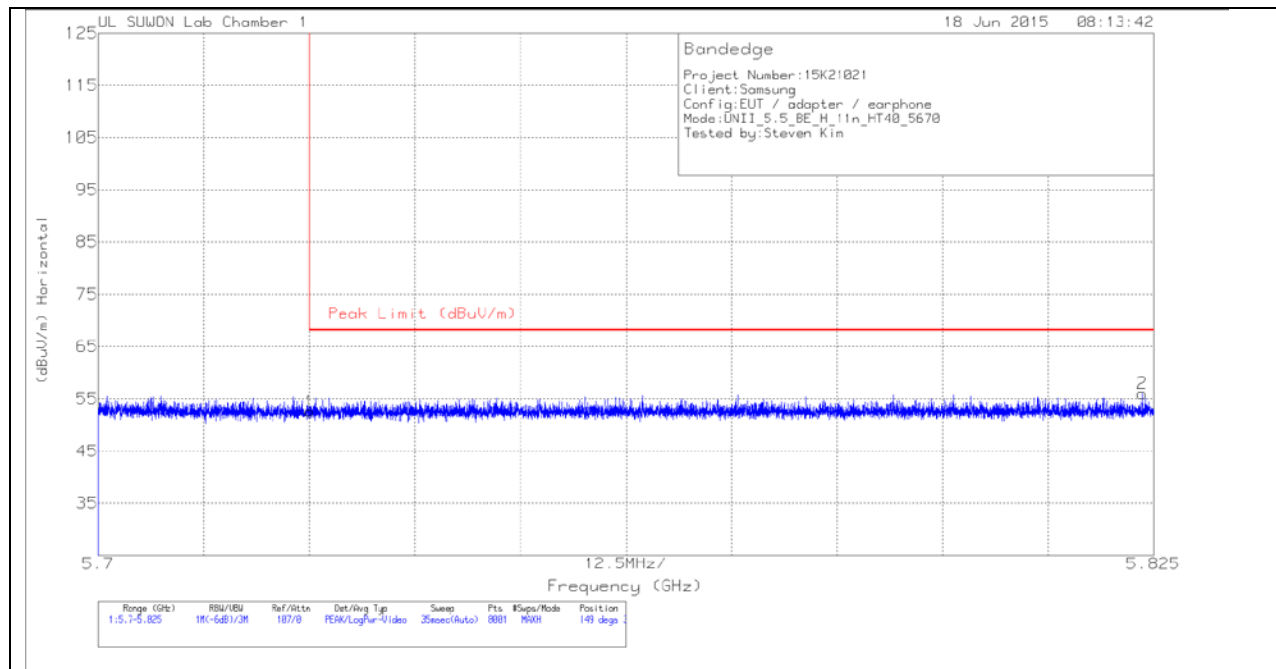
* - indicates frequency in CFR15.205/IC7.2.2 Restricted Band

PK - Peak detector

RMS - RMS detection

AUTHORIZED BANDEDGE (HIGH CHANNEL)

HORIZONTAL PEAK AND AVERAGE PLOT



HORIZONTAL DATA

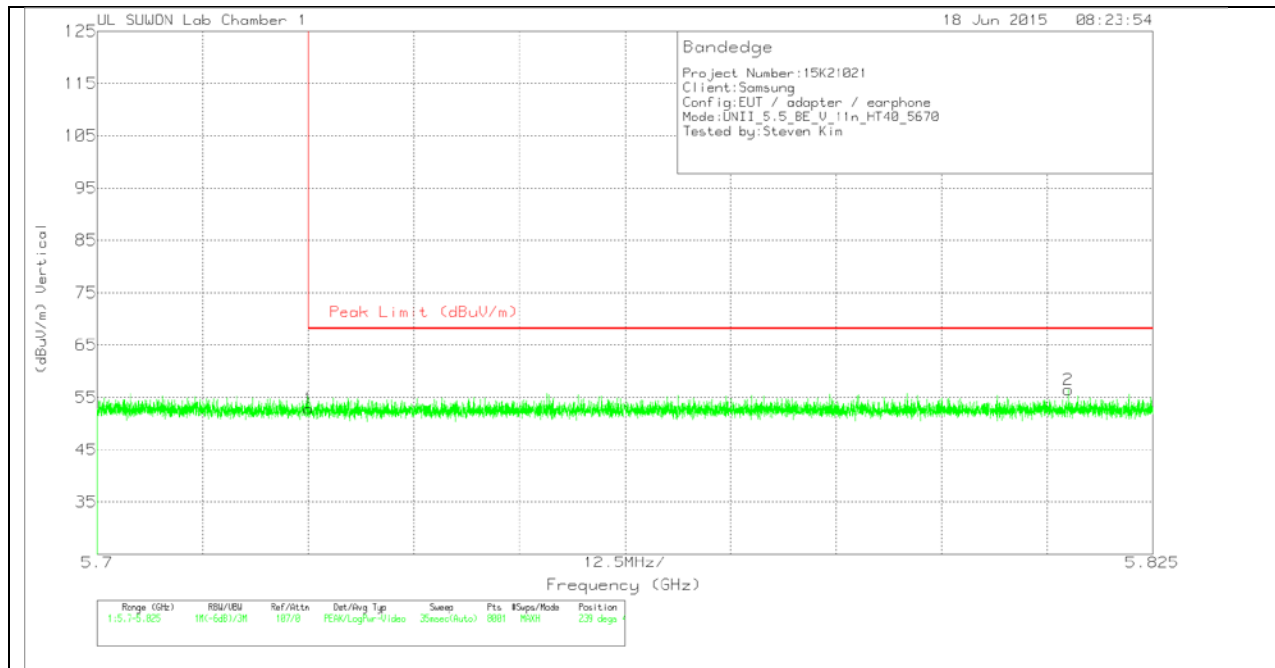
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	3115D Factor	Path_2_10 dB	DC Corr (dB)	Corrected Reading (dBuV/m)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.725	37.1	Pk	34.3	-18.8	0	52.6	68.2	-15.6	149	302	H
2	5.824	40.31	Pk	34.6	-18.9	0	56.01	68.2	-12.19	149	302	H

* - 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	3115D Factor	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	37.35	Pk	34.3	-18.8	0	52.85	68.2	-15.35	239	400	V
2	5.815	40.74	Pk	34.6	-18.9	0	56.44	68.2	-11.76	239	400	V

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

PK - Peak detector

RMS - RMS detection