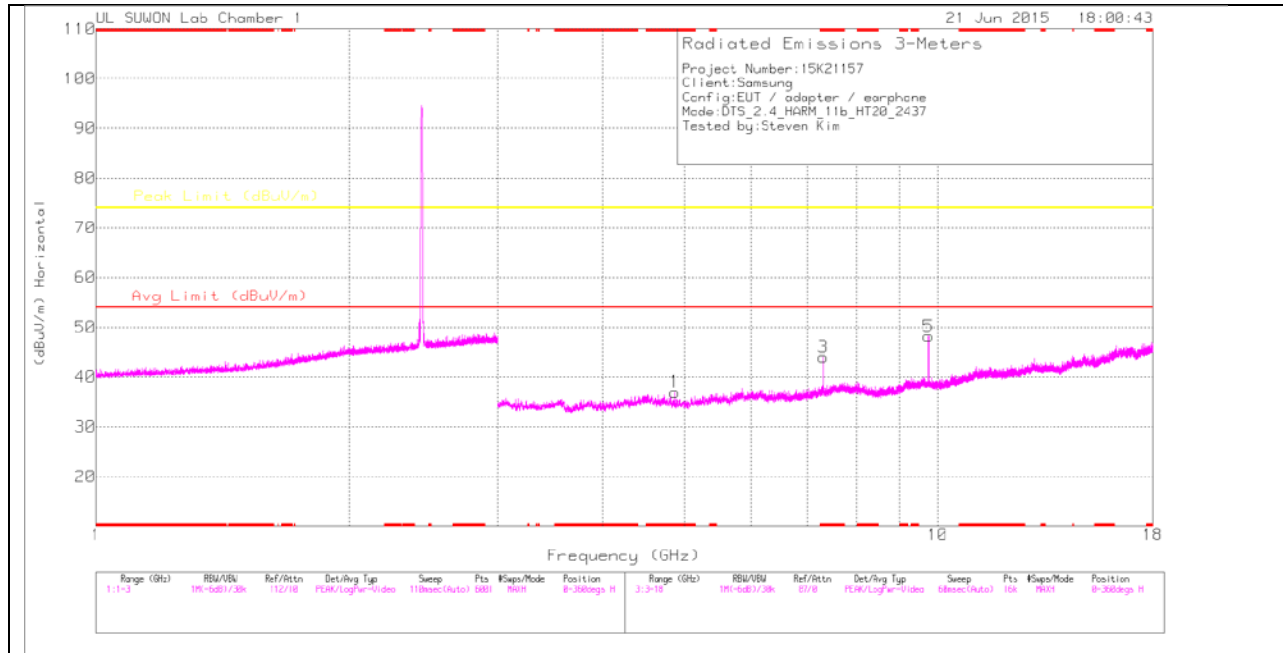
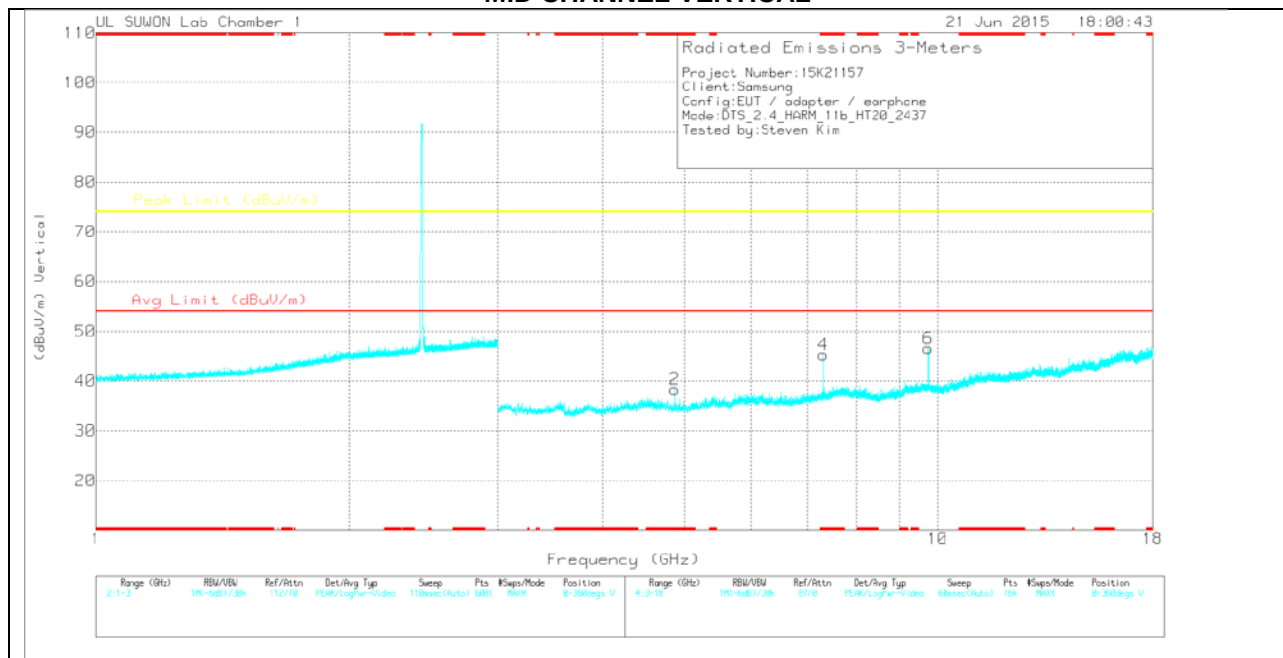


MID CHANNEL HORIZONTAL



MID CHANNEL VERTICAL



Note: Emission was scanned up to 26GHz; 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(001687 24)_150619	Path_3	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 4.874	28.31	PK	33.9	-25.2	0	37.01	-	-	74	-36.99	0-360	200	H
3	* 7.309	30.72	PK	35.9	-22.6	0	44.02	-	-	74	-29.98	0-360	200	H
5	9.749	30.48	PK	37	-19.3	0	48.18	-	-	-	-	0-360	200	H
2	* 4.874	29.6	PK	33.9	-25.2	0	38.3	-	-	74	-35.7	0-360	200	V
4	* 7.312	31.95	PK	35.9	-22.6	0	45.25	-	-	74	-28.75	0-360	200	V
6	9.748	28.81	PK	37	-19.3	0	46.51	-	-	-	-	0-360	200	V

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

PK – Peak detector

Radiated Emissions

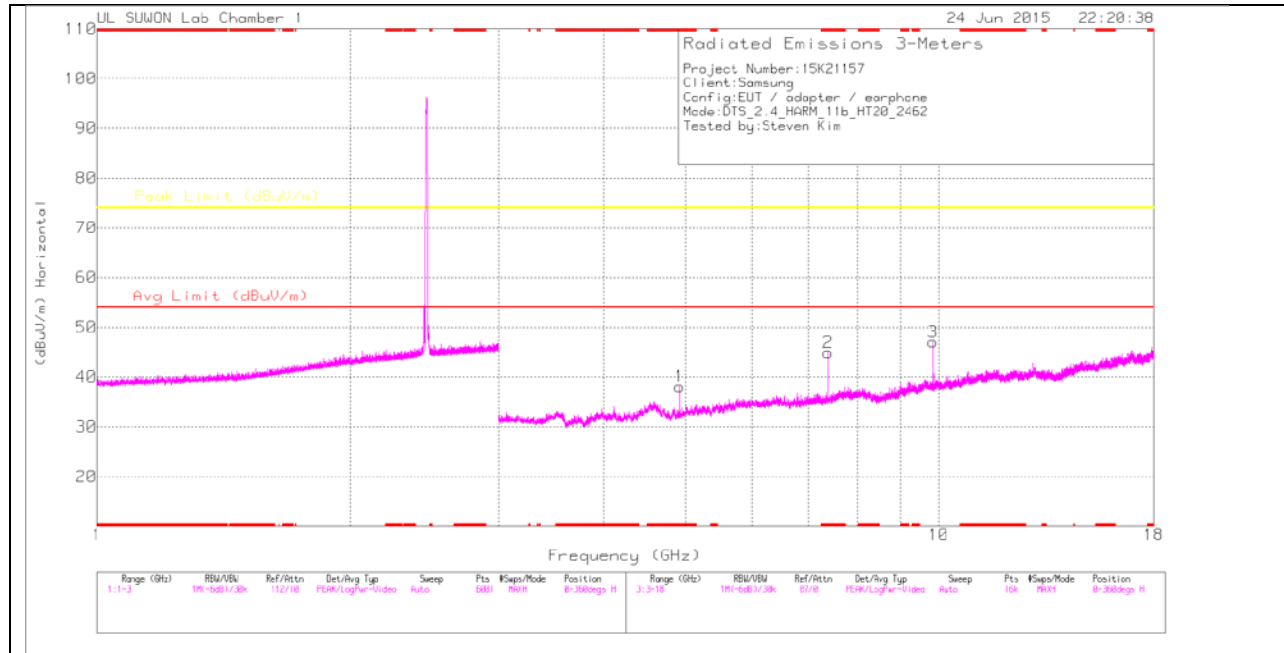
Frequency (GHz)	Meter Reading (dBuV)	Det	3117(001 68724)_1 50619	Path_3	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
* 4.875	35.21	PK2	33.9	-25.2	0	43.91	-	-	74	-30.09	334	349	H
* 4.874	25.55	MAv1	33.9	-25.2	0	34.25	54	-19.75	-	-	334	349	H
* 4.874	37.71	PK2	33.9	-25.2	0	46.41	-	-	74	-27.59	209	354	V
* 4.874	29.7	MAv1	33.9	-25.2	0	38.4	54	-15.6	-	-	209	354	V
* 7.312	37.94	PK2	35.9	-22.6	0	51.24	-	-	74	-22.76	242	388	H
* 7.31	30.63	MAv1	35.9	-22.6	0	43.93	54	-10.07	-	-	242	388	H
* 7.31	37.96	PK2	35.9	-22.6	0	51.26	-	-	74	-22.74	354	335	V
* 7.31	30.71	MAv1	35.9	-22.6	0	44.01	54	-9.99	-	-	354	335	V
9.748	33.75	PK2	37	-19.3	0	51.45	-	-	-	-	171	275	H
9.748	28.8	MAv1	37	-19.3	0	46.5	-	-	-	-	171	275	H
9.748	34.2	PK2	37	-19.3	0	51.9	-	-	-	-	238	230	V
9.748	26.7	MAv1	37	-19.3	0	44.4	-	-	-	-	238	230	V

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

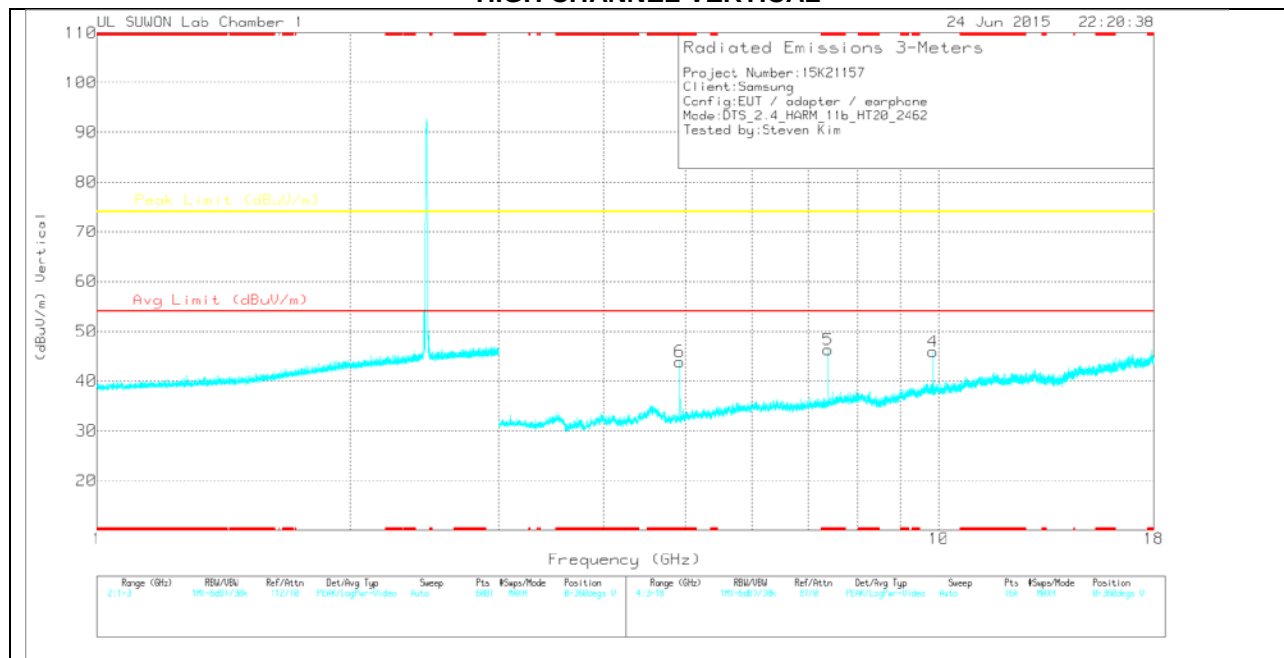
PK2 - KDB558074 Method: Maximum Peak

MAv1 - KDB558074 Option 1 Maximum RMS Average

HIGH CHANNEL HORIZONTAL



HIGH CHANNEL VERTICAL



Note: Emission was scanned up to 26GHz; 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(001687 17)_150619	Path_3_3GHP	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 4.924	33.14	PK	34	-29	0	38.14	-	-	74	-35.86	0-360	100	H
2	* 7.384	34.23	PK	35.8	-25.1	0	44.93	-	-	74	-29.07	0-360	200	H
3	9.848	31.36	PK	37.3	-21.6	0	47.06	-	-	-	-	0-360	200	H
4	9.848	30.25	PK	37.3	-21.6	0	45.95	-	-	-	-	0-360	100	V
5	* 7.386	35.57	PK	35.8	-25.1	0	46.27	-	-	74	-27.73	0-360	100	V
6	* 4.924	38.85	PK	34	-29	0	43.85	-	-	74	-30.15	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(001 68717)_1 50619	Path_3_3 GHP	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
* 4.924	42.02	PK2	34	-29	0	47.02	-	-	74	-26.98	173	264	H
* 4.924	33.08	MAv1	34	-29	0	38.08	54	-15.92	-	-	173	264	H
* 7.384	42.77	PK2	35.8	-25.1	0	53.47	-	-	74	-20.53	310	209	H
* 7.385	31.33	MAv1	35.8	-25.1	0	42.03	54	-11.97	-	-	310	209	H
9.848	36.53	PK2	37.3	-21.6	0	52.23	-	-	-	-	265	228	H
9.848	29.65	MAv1	37.3	-21.6	0	45.35	-	-	-	-	265	228	H
9.848	36.38	PK2	37.3	-21.6	0	52.08	-	-	-	-	235	204	V
9.848	29.78	MAv1	37.3	-21.6	0	45.48	-	-	-	-	235	204	V
* 7.387	43.18	PK2	35.8	-25.1	0	53.88	-	-	74	-20.12	340	400	V
* 7.388	35.07	MAv1	35.8	-25.1	0	45.77	54	-8.23	-	-	340	400	V
* 4.924	45.73	PK2	34	-29	0	50.73	-	-	74	-23.27	209	318	V
* 4.924	38.09	MAv1	34	-29	0	43.09	54	-10.91	-	-	209	318	V

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

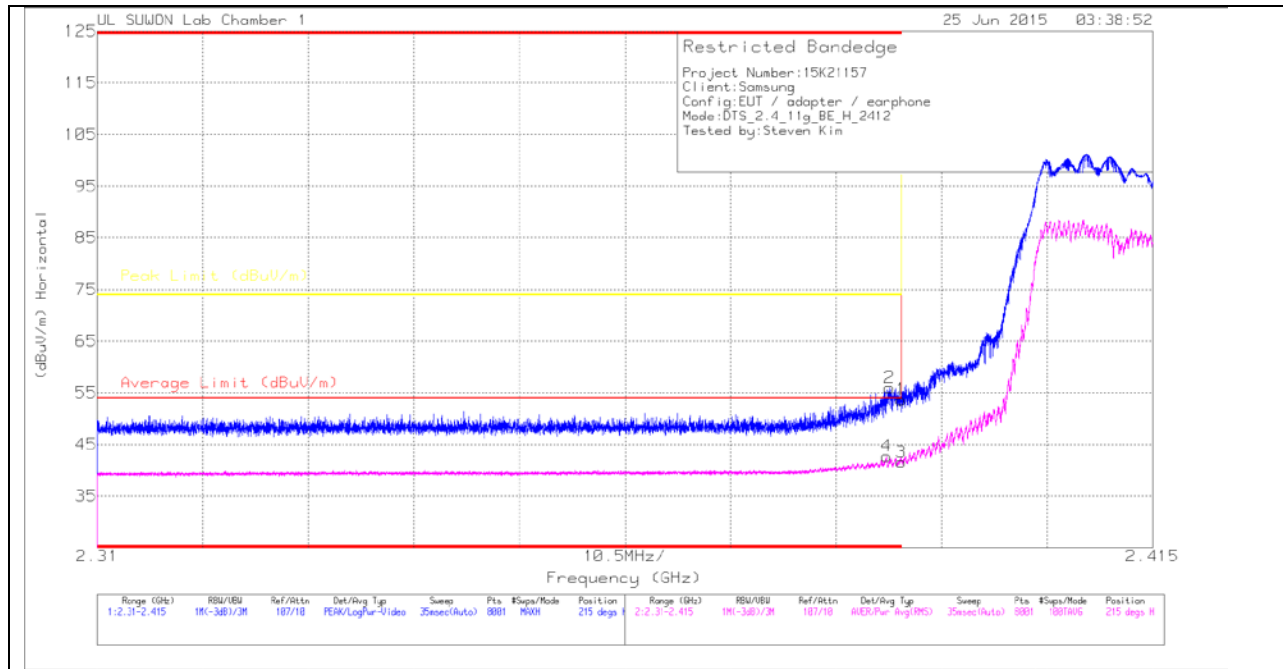
PK2 - KDB558074 Method: Maximum Peak

MAv1 - KDB558074 Option 1 Maximum RMS Average

11.2.2. TX ABOVE 1 GHz 802.11g MODE IN THE 2.4 GHz BAND

RESTRICTED BANDEDGE (LOW CHANNEL)

HORIZONTAL PEAK AND AVERAGE PLOT



HORIZONTAL DATA

TRACE MARKERS

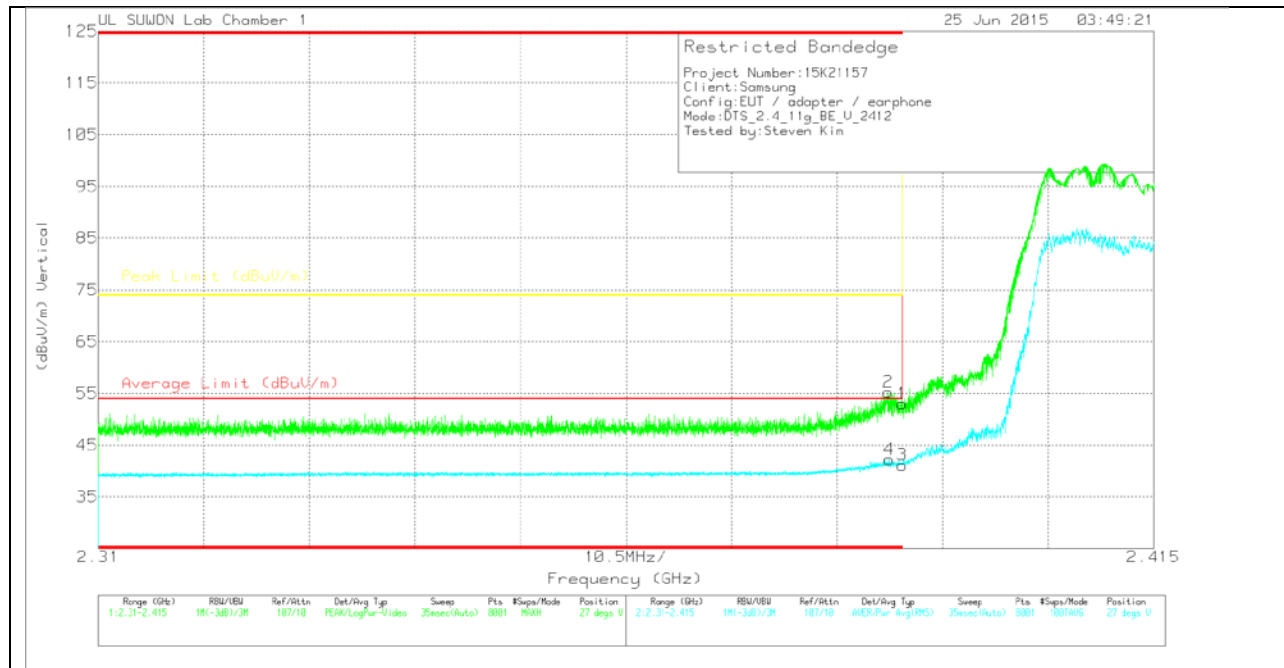
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	3117(00168 717)_15061 9	Path_2_10d B	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.39	44.68	Pk	31.8	-22.8	0	53.68	-	-	74	-20.32	215	102	H
2	* 2.389	46.99	Pk	31.8	-22.8	0	55.99	-	-	74	-18.01	215	102	H
3	* 2.39	32.31	RMS	31.8	-22.8	.3	41.61	54	-12.39	-	-	215	102	H
4	* 2.389	33.45	RMS	31.8	-22.8	.3	42.75	54	-11.25	-	-	215	102	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	3117/00168 717_15061 9	Path_2_10d B	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.39	44.02	Pk	31.8	-22.8	0	53.02	-	-	74	-20.98	27	347	V
2	* 2.389	46.28	Pk	31.8	-22.8	0	55.28	-	-	74	-18.72	27	347	V
3	* 2.39	31.87	RMS	31.8	-22.8	.3	41.17	54	-12.83	-	-	27	347	V
4	* 2.389	32.94	RMS	31.8	-22.8	.3	42.24	54	-11.76	-	-	27	347	V

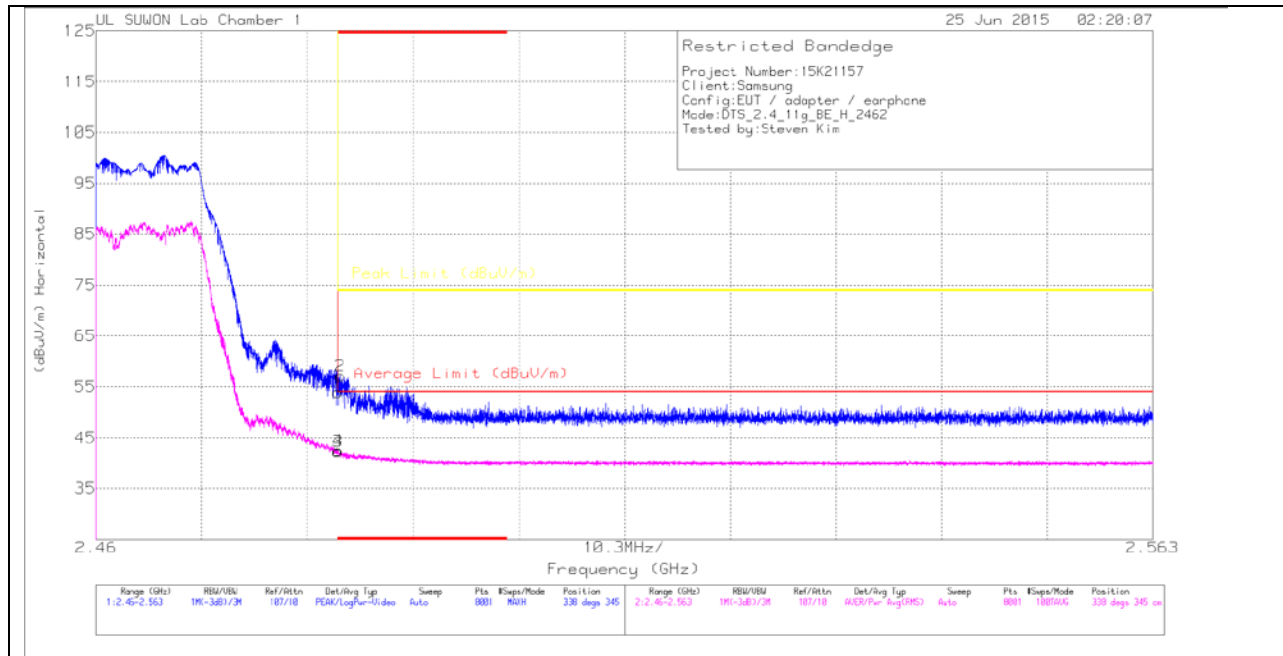
* - indicates frequency in CFR15.205/IC7.2.2 Restricted Band

Pk - Peak detector

RMS - RMS detection

AUTHORIZED BANDEDGE (HIGH CHANNEL)

HORIZONTAL PEAK AND AVERAGE PLOT



HORIZONTAL DATA

TRACE MARKERS

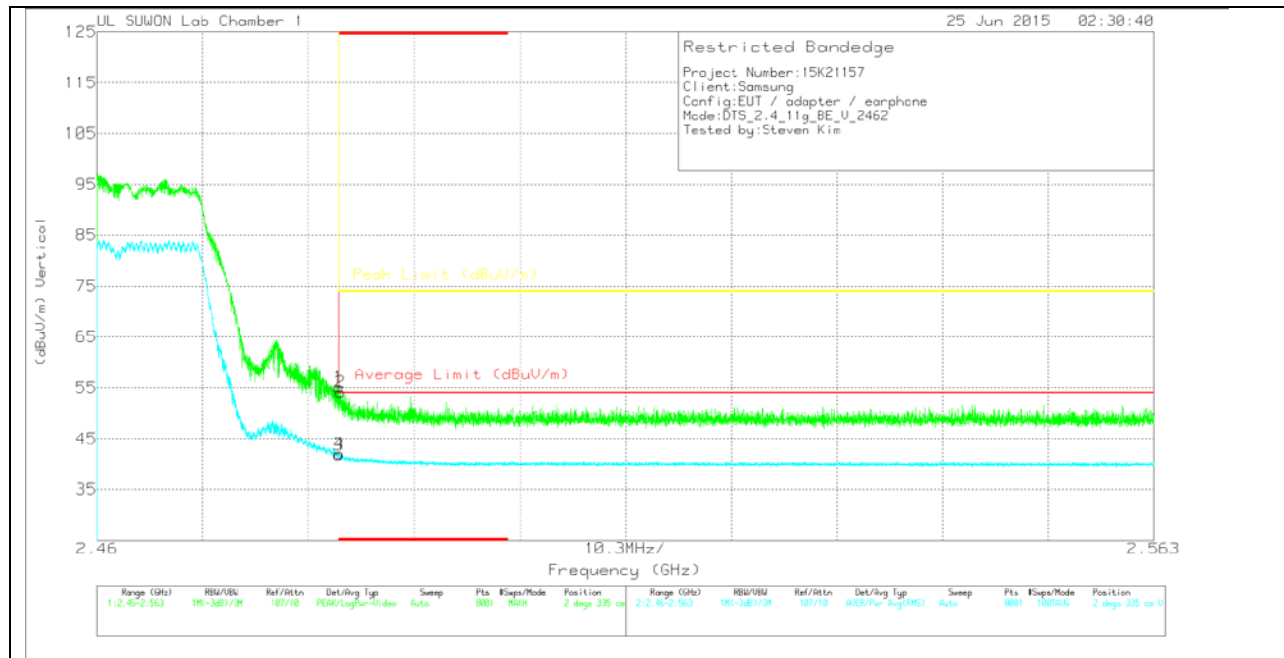
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	3117/00168 717/_15061 9	Path_2_10d B	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.484	44.5	Pk	32	-22.6	0	53.9	-	-	74	-20.1	338	345	H
2	* 2.484	47.75	Pk	32	-22.6	0	57.15	-	-	74	-16.85	338	345	H
3	* 2.484	32.64	RMS	32	-22.6	.3	42.34	54	-11.66	-	-	338	345	H
4	* 2.484	32.75	RMS	32	-22.6	.3	42.45	54	-11.55	-	-	338	345	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(00168 717)_15061 9	Path_2_10d B	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.484	45.72	Pk	32	-22.6	0	55.12	-	-	74	-18.88	2	335	V
2	* 2.484	44.75	Pk	32	-22.6	0	54.15	-	-	74	-19.85	2	335	V
3	* 2.484	32.15	RMS	32	-22.6	.3	41.85	54	-12.15	-	-	2	335	V
4	* 2.484	32.38	RMS	32	-22.6	.3	42.08	54	-11.92	-	-	2	335	V

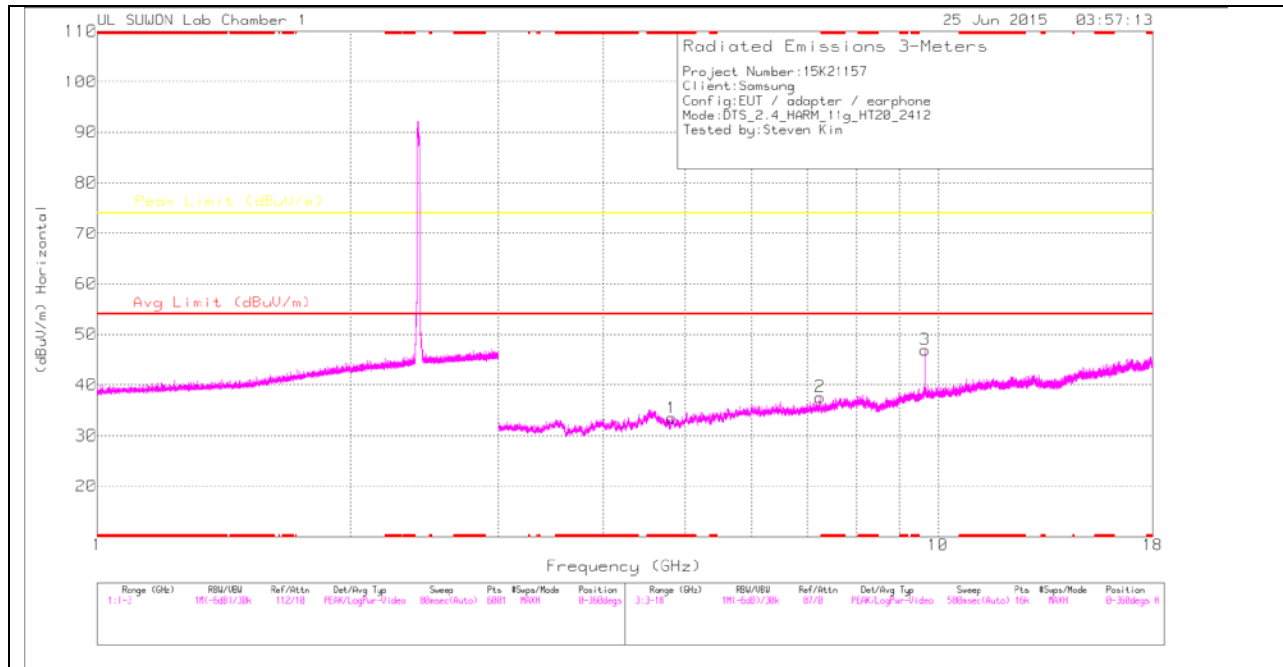
* - indicates frequency in CFR15.205/IC7.2.2 Restricted Band

Pk - Peak detector

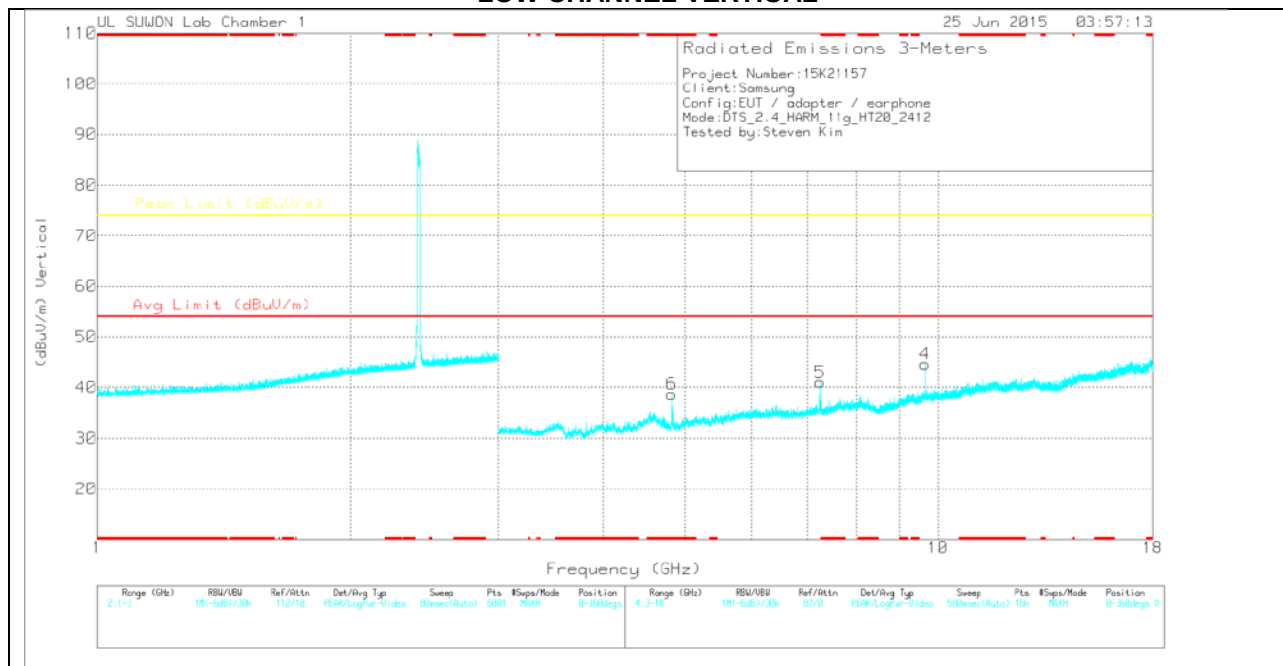
RMS - RMS detection

HARMONICS AND SPURIOUS EMISSIONS

LOW CHANNEL HORIZONTAL



LOW CHANNEL VERTICAL



Note: Emission was scanned up to 26GHz; 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 17)_150619	Path_3_3GHP	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 4.825	28.92	PK	34	-29.5	0	33.42	-	-	74	-40.58	0-360	100	H
2	7.238	27.41	PK	35.7	-25.5	0	37.61	-	-	-	-	0-360	200	H
3	9.648	30.65	PK	37.1	-20.8	0	46.95	-	-	-	-	0-360	200	H
4	9.648	28.34	PK	37.1	-20.8	0	44.64	-	-	-	-	0-360	100	V
5	7.238	30.83	PK	35.7	-25.5	0	41.03	-	-	-	-	0-360	100	V
6	* 4.825	34.22	PK	34	-29.5	0	38.72	-	-	74	-35.28	0-360	100	V

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

PK – Peak detector

Radiated Emissions

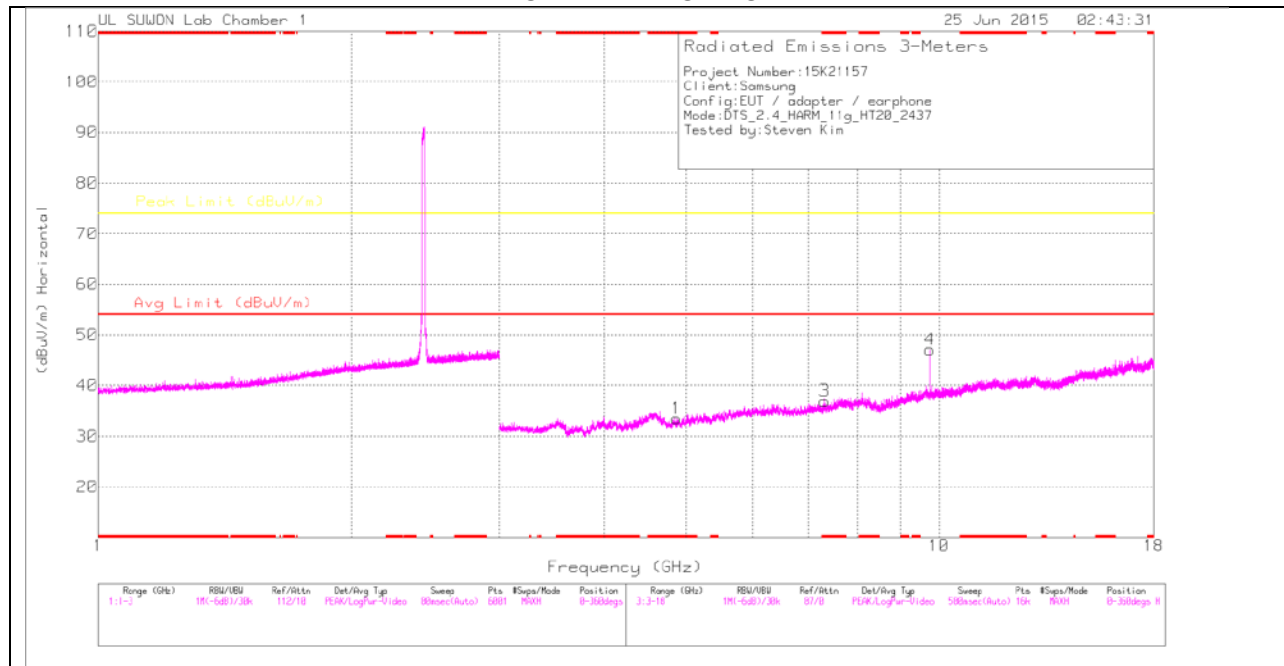
Frequency (GHz)	Meter Reading (dBuV)	Det	3117(001 68717)_1 50619	Path_3_3 GHP	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
9.648	37.47	PK2	37.1	-20.8	0	53.77	-	-	-	-	243	269	H
9.648	30.84	MAv1	37.1	-20.8	.3	47.44	-	-	-	-	243	269	H
9.648	35.35	PK2	37.1	-20.8	0	51.65	-	-	-	-	8	339	V
9.648	26.69	MAv1	37.1	-20.8	.3	43.29	-	-	-	-	8	339	V
7.239	37.12	PK2	35.7	-25.5	0	47.32	-	-	-	-	128	177	V
7.239	24.05	MAv1	35.7	-25.5	.3	34.55	-	-	-	-	128	177	V
* 4.825	43.88	PK2	34	-29.5	0	48.38	-	-	74	-25.62	199	297	V
* 4.825	31.83	MAv1	34	-29.5	.3	36.63	54	-17.37	-	-	199	297	V

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

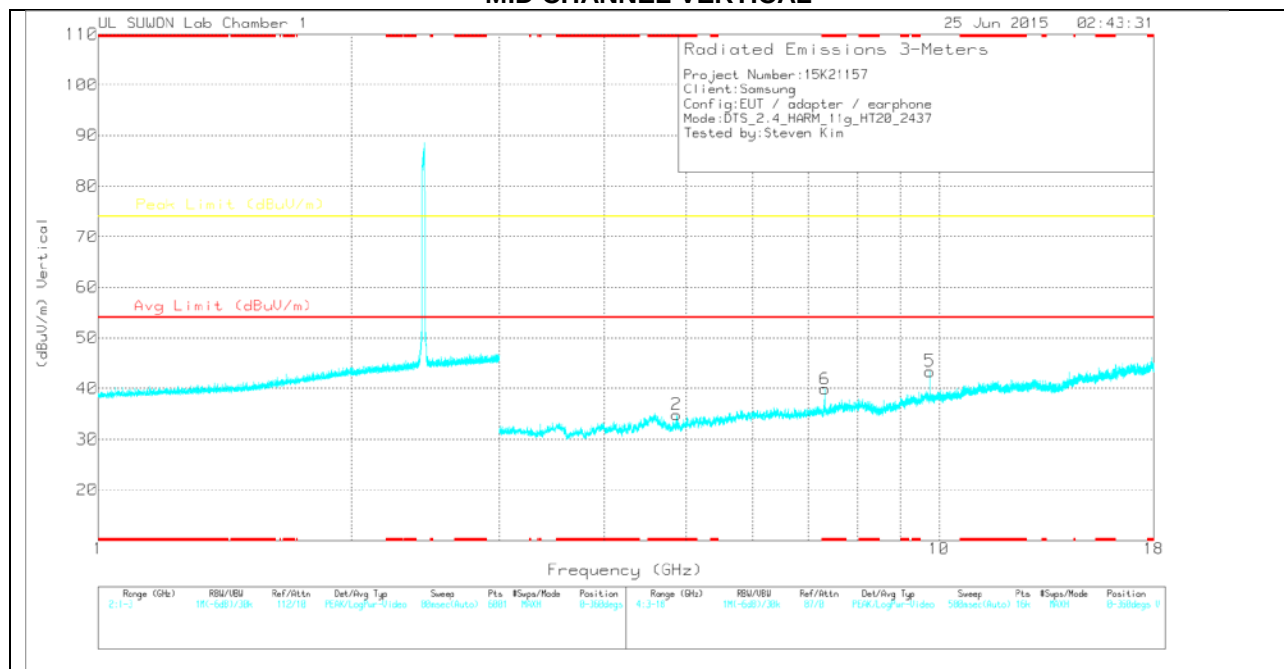
PK2 - KDB558074 Method: Maximum Peak

MAv1 - KDB558074 Option 1 Maximum RMS Average

MID CHANNEL HORIZONTAL



MID CHANNEL VERTICAL



Note: Emission was scanned up to 26GHz; 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(001687 17)_150619	Path_3_3GHP	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 4.875	28.69	PK	34	-29.2	0	33.49	-	-	74	-40.51	0-360	100	H
3	* 7.308	26.95	PK	35.7	-25.7	0	36.95	-	-	74	-37.05	0-360	200	H
4	9.748	31.78	PK	37.2	-21.9	0	47.08	-	-	-	-	0-360	200	H
2	* 4.875	30.08	PK	34	-29.2	0	34.88	-	-	74	-39.12	0-360	100	V
5	9.748	28.14	PK	37.2	-21.9	0	43.44	-	-	-	-	0-360	100	V
6	* 7.314	29.83	PK	35.8	-25.7	0	39.93	-	-	74	-34.07	0-360	200	V

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

PK – Peak detector

Radiated Emissions

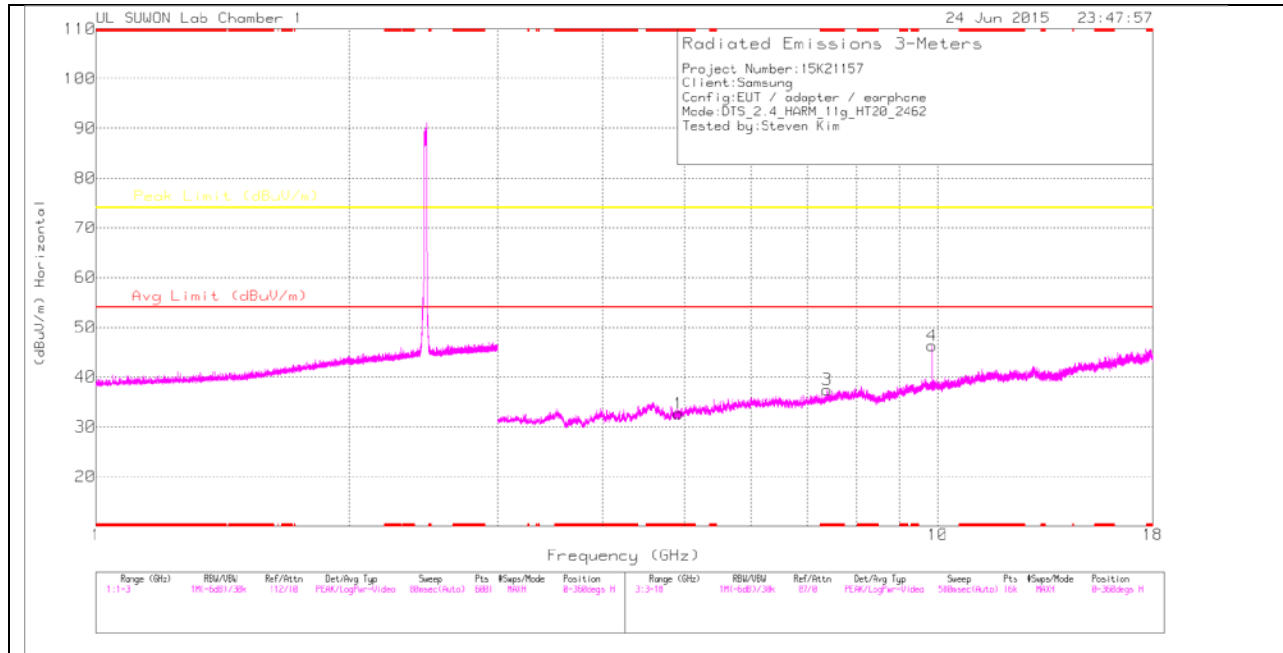
Frequency (GHz)	Meter Reading (dBuV)	Det	3117(0016 8717)_150 619	Path_3_3 GHP	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
9.748	37.8	PK2	37.2	-21.9	0	53.1	-	-	-	-	177	332	H
9.748	32.38	MAv1	37.2	-21.9	.3	47.98	-	-	-	-	177	332	H
9.749	33.73	PK2	37.2	-21.9	0	49.03	-	-	-	-	169	167	V
9.748	22.23	MAv1	37.2	-21.9	.3	37.83	-	-	-	-	169	167	V
* 7.314	41.02	PK2	35.8	-25.7	0	51.12	-	-	74	-22.88	342	332	V
* 7.314	27.1	MAv1	35.8	-25.7	.3	37.5	54	-16.5	-	-	342	332	V

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

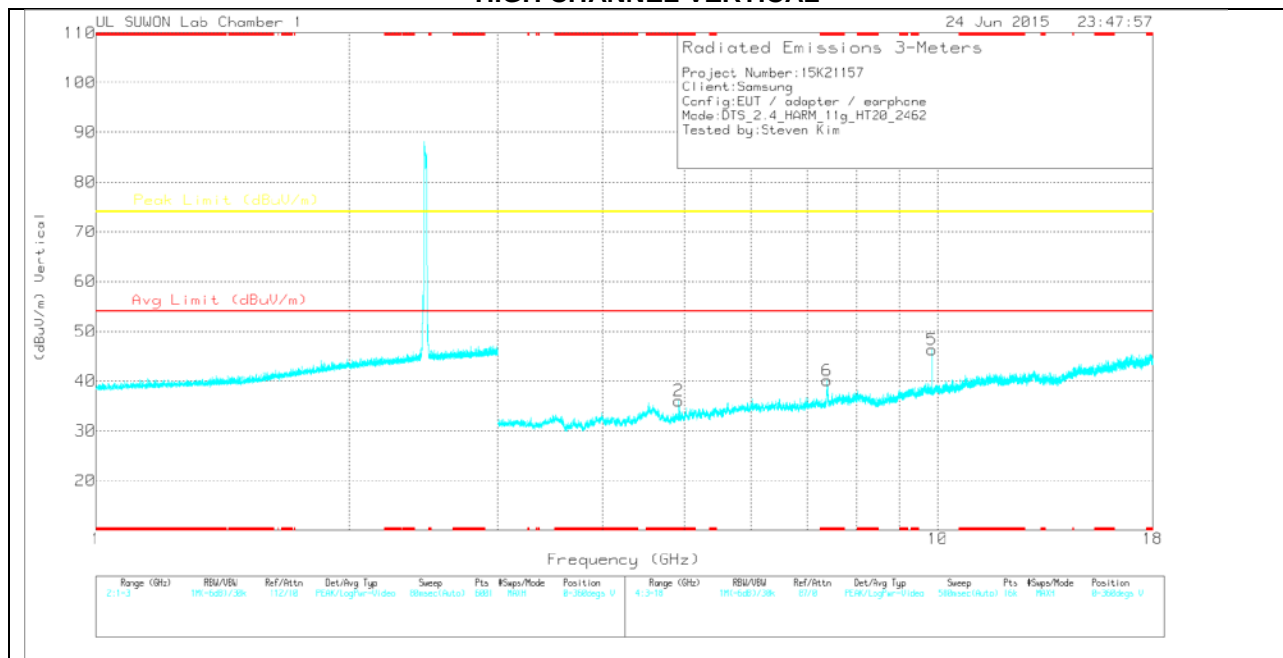
PK2 - KDB558074 Method: Maximum Peak

MAv1 - KDB558074 Option 1 Maximum RMS Average

HIGH CHANNEL HORIZONTAL



HIGH CHANNEL VERTICAL



Note: Emission was scanned up to 26GHz; 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(001687 17)_150619	Path_3_3GHP	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 4.926	27.62	PK	34	-29	0	32.62	-	-	74	-41.38	0-360	100	H
3	* 7.388	26.73	PK	35.8	-25.1	0	37.43	-	-	74	-36.57	0-360	200	H
4	9.848	30.55	PK	37.3	-21.6	0	46.25	-	-	-	-	0-360	200	H
2	* 4.925	31.05	PK	34	-29	0	36.05	-	-	74	-37.95	0-360	100	V
5	9.848	30.56	PK	37.3	-21.6	0	46.26	-	-	-	-	0-360	100	V
6	* 7.39	29.4	PK	35.8	-25.1	0	40.1	-	-	74	-33.9	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(001 68717)_1 50619	Path_3_3 GHP	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
9.848	37.49	PK2	37.3	-21.6	0	53.19	-	-	-	-	264	202	H
9.848	31.09	MAv1	37.3	-21.6	.3	47.09	-	-	-	-	264	202	H
9.848	36.19	PK2	37.3	-21.6	0	51.89	-	-	-	-	232	221	V
9.848	27.82	MAv1	37.3	-21.6	.3	43.82	-	-	-	-	232	221	V
* 7.388	42.05	PK2	35.8	-25.1	0	52.75	-	-	74	-21.25	181	207	V
* 7.389	26.27	MAv1	35.8	-25.1	.3	37.27	54	-16.73	-	-	181	207	V

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

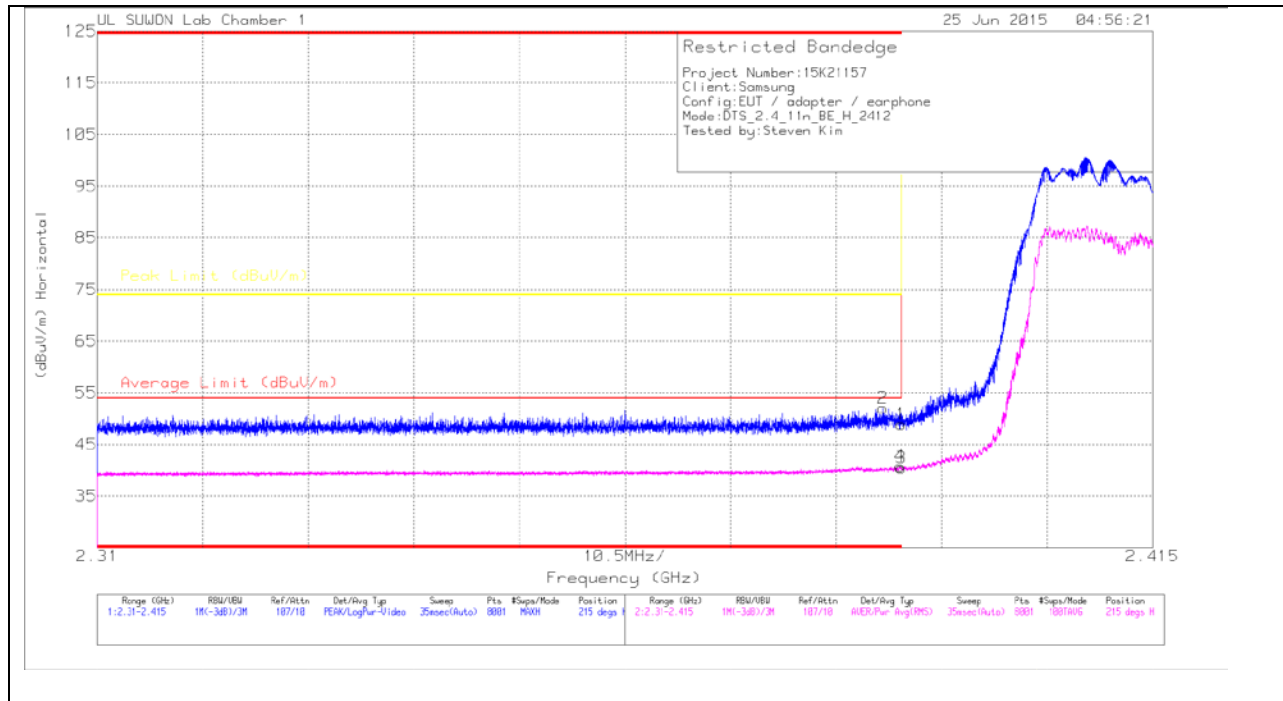
PK2 - KDB558074 Method: Maximum Peak

MAv1 - KDB558074 Option 1 Maximum RMS Average

11.2.3. TX ABOVE 1 GHz 802.11n HT20 MODE IN THE 2.4 GHz BAND

RESTRICTED BANDEDGE (LOW CHANNEL)

HORIZONTAL PEAK AND AVERAGE PLOT



HORIZONTAL DATA

TRACE MARKERS

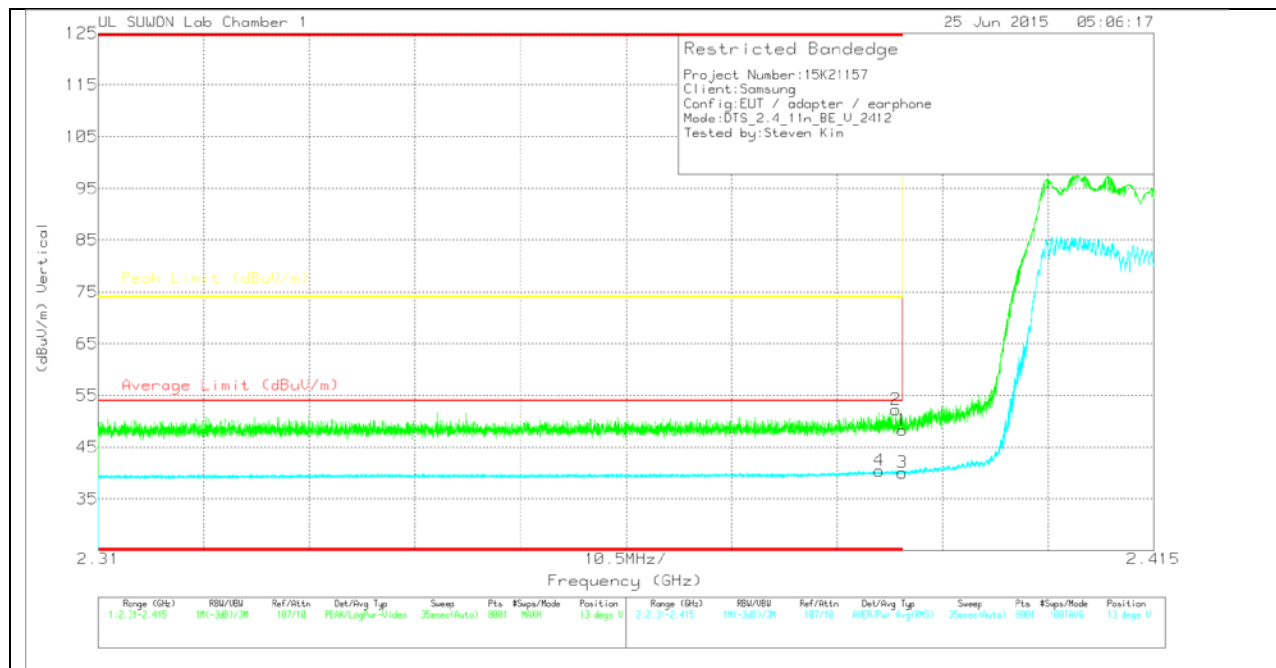
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	3117(00168 717)_15061 9	Path_2_10d B	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.39	39.95	Pk	31.8	-22.8	0	48.95	-	-	74	-25.05	215	100	H
2	* 2.388	43.06	Pk	31.8	-22.8	0	52.06	-	-	74	-21.94	215	100	H
3	* 2.39	31.18	RMS	31.8	-22.8	.32	40.5	54	-13.5	-	-	215	100	H
4	* 2.39	31.45	RMS	31.8	-22.8	.32	40.77	54	-13.23	-	-	215	100	H

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

Pk - Peak detector

RMS - RMS detection

VERTICAL PEAK AND AVERAGE PLOT



VERTICAL DATA

TRACE MARKERS

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	3117/00168 717/15061 9	Path_2_10d B	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.39	39.32	Pk		-22.8	0	48.32	-	-	74	-25.68	13	354	V
2	* 2.389	43.3	Pk		-22.8	0	52.3	-	-	74	-21.7	13	354	V
3	* 2.39	30.77	RMS		-22.8	.32	40.09	54	-13.91	-	-	13	354	V
4	* 2.388	31.13	RMS		-22.8	.32	40.45	54	-13.55	-	-	13	354	V

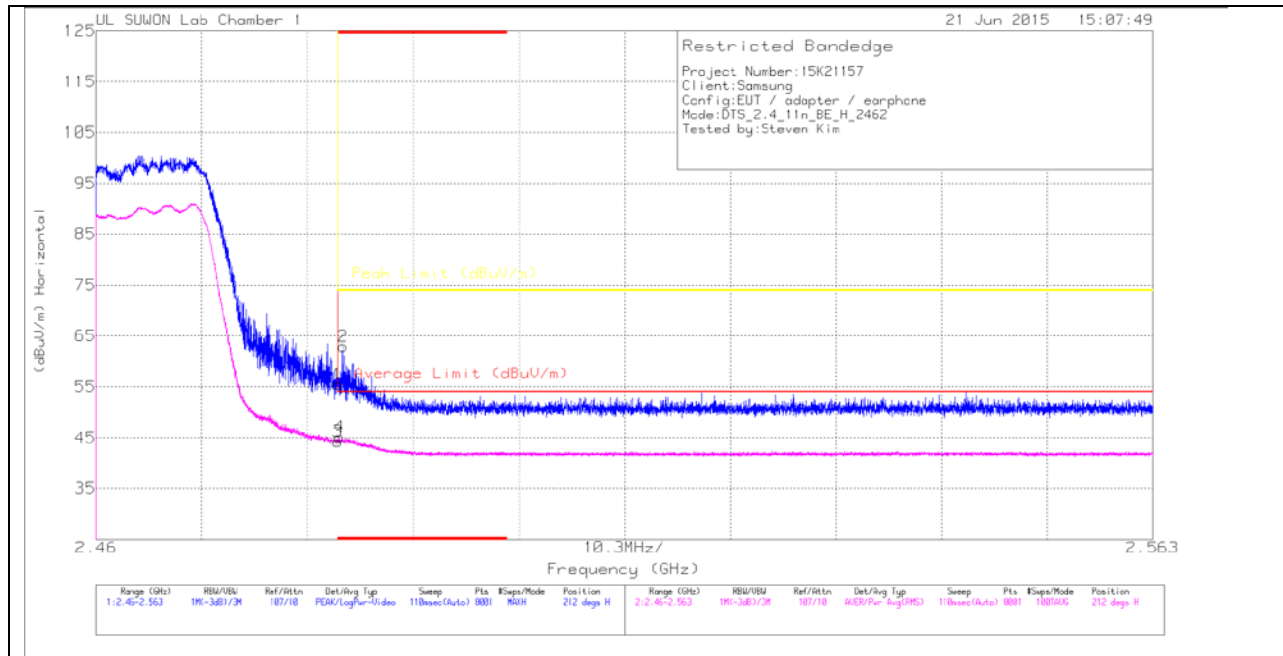
* - indicates frequency in CFR15.205/IC7.2.2 Restricted Band

Pk - Peak detector

RMS - RMS detection

AUTHORIZED BANDEDGE (HIGH CHANNEL)

HORIZONTAL PEAK AND AVERAGE PLOT



HORIZONTAL DATA

TRACE MARKERS

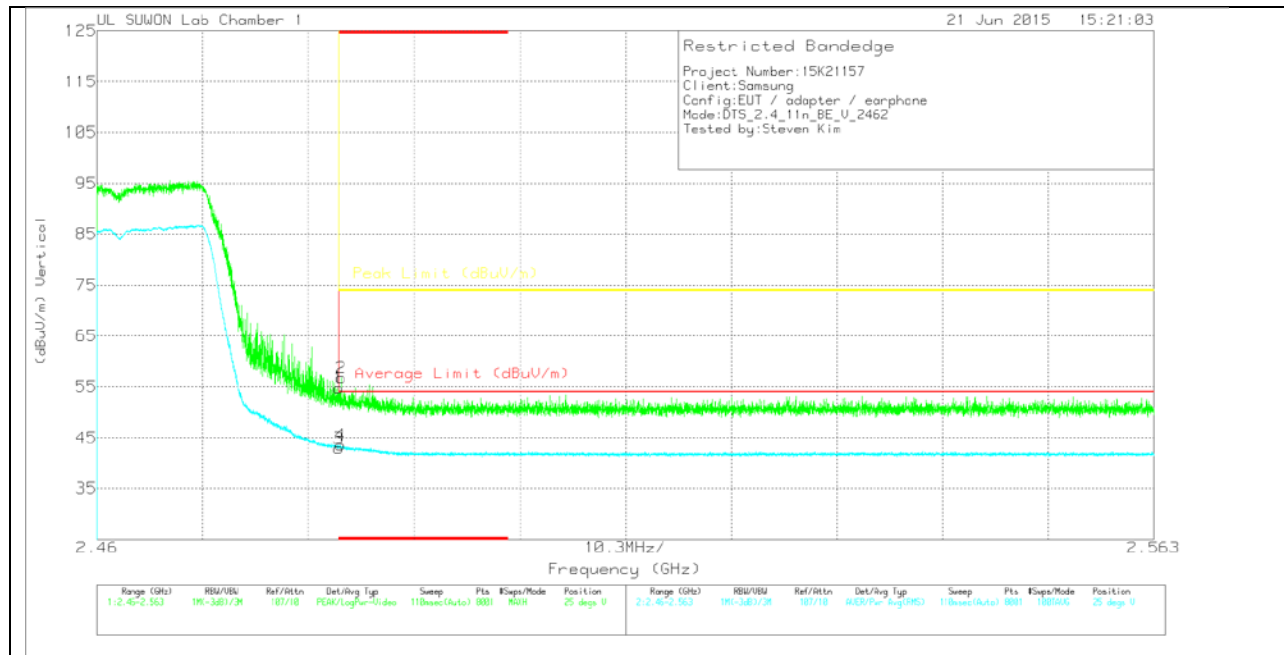
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	3117(001687 24)_150619	Path_2_10d B	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.484	43.07	Pk	31.8	-19.4	0	55.47	-	-	74	-18.53	212	301	H
2	* 2.484	50.49	Pk	31.8	-19.4	0	62.89	-	-	74	-11.11	212	301	H
3	* 2.484	31.49	RMS	31.8	-19.4	.32	44.21	54	-9.79	-	-	212	301	H
4	* 2.484	32.38	RMS	31.8	-19.4	.32	45.1	54	-8.9	-	-	212	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	3117/00168 724_15061 9	Path_2_10d B	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.484	42.39	Pk	31.8	-19.4	0	54.79	-	-	74	-19.21	25	350	V
2	* 2.484	44.4	Pk	31.8	-19.4	0	56.8	-	-	74	-17.2	25	350	V
3	* 2.484	30.24	RMS	31.8	-19.4	.32	42.96	54	-11.04	-	-	25	350	V
4	* 2.484	30.77	RMS	31.8	-19.4	.32	43.49	54	-10.51	-	-	25	350	V

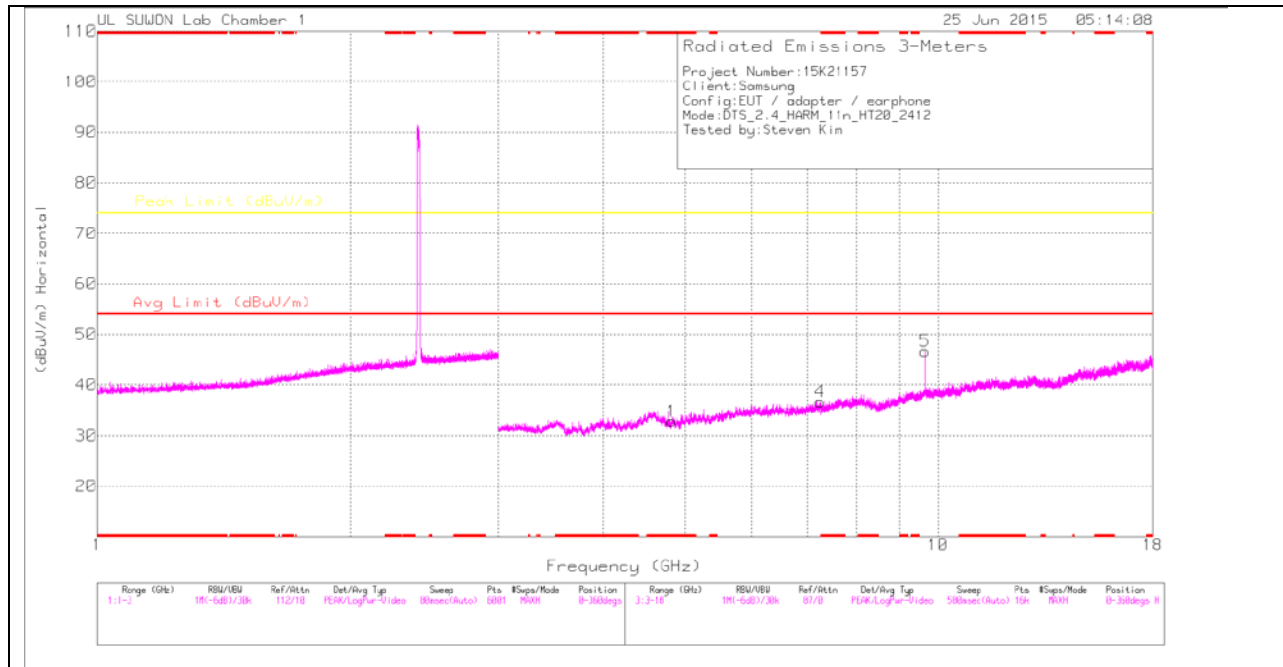
* - indicates frequency in CFR15.205/IC7.2.2 Restricted Band

Pk - Peak detector

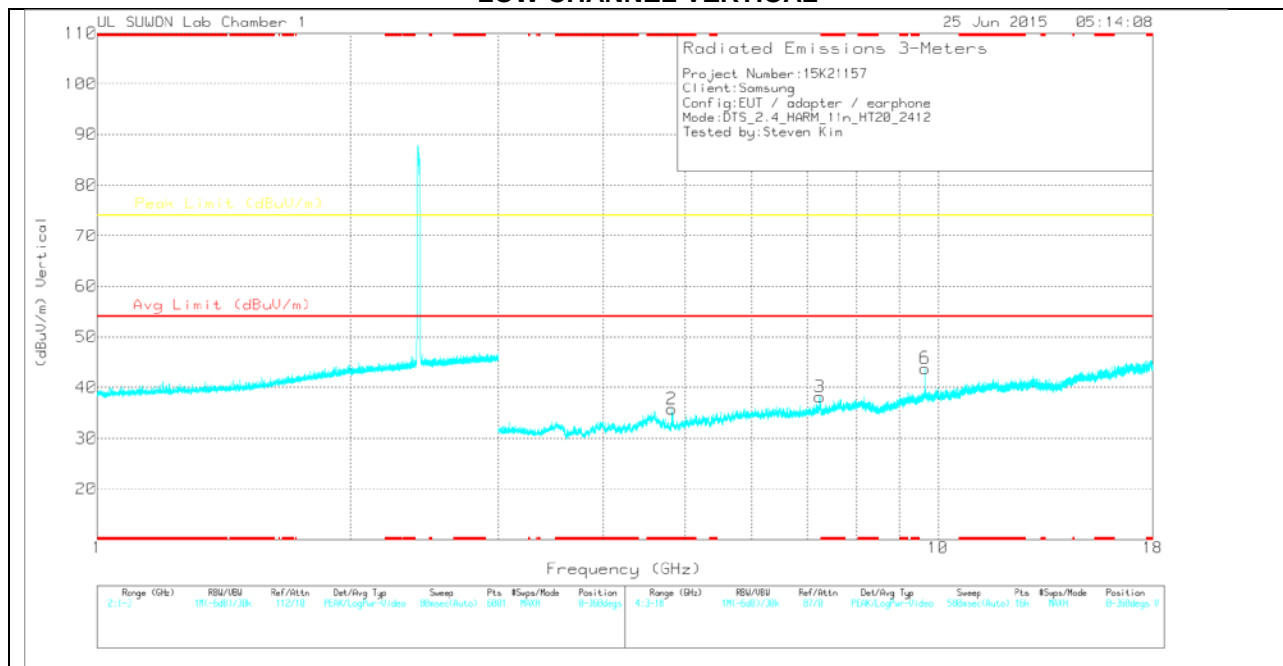
RMS - RMS detection

HARMONICS AND SPURIOUS EMISSIONS

LOW CHANNEL HORIZONTAL



LOW CHANNEL VERTICAL



Note: Emission was scanned up to 26GHz; 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 17)_150619	Path_3_3GHP	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 4.823	28.43	PK	34	-29.6	0	32.83	-	-	74	-41.17	0-360	200	H
4	7.238	26.47	PK	35.7	-25.5	0	36.67	-	-	-	-	0-360	200	H
5	9.647	30.38	PK	37.1	-20.8	0	46.68	-	-	-	-	0-360	200	H
2	* 4.825	31.3	PK	34	-29.5	0	35.8	-	-	74	-38.2	0-360	100	V
3	7.233	27.96	PK	35.7	-25.5	0	38.16	-	-	-	-	0-360	100	V
6	9.648	27.52	PK	37.1	-20.8	0	43.82	-	-	-	-	0-360	100	V

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

PK – Peak detector

Radiated Emissions

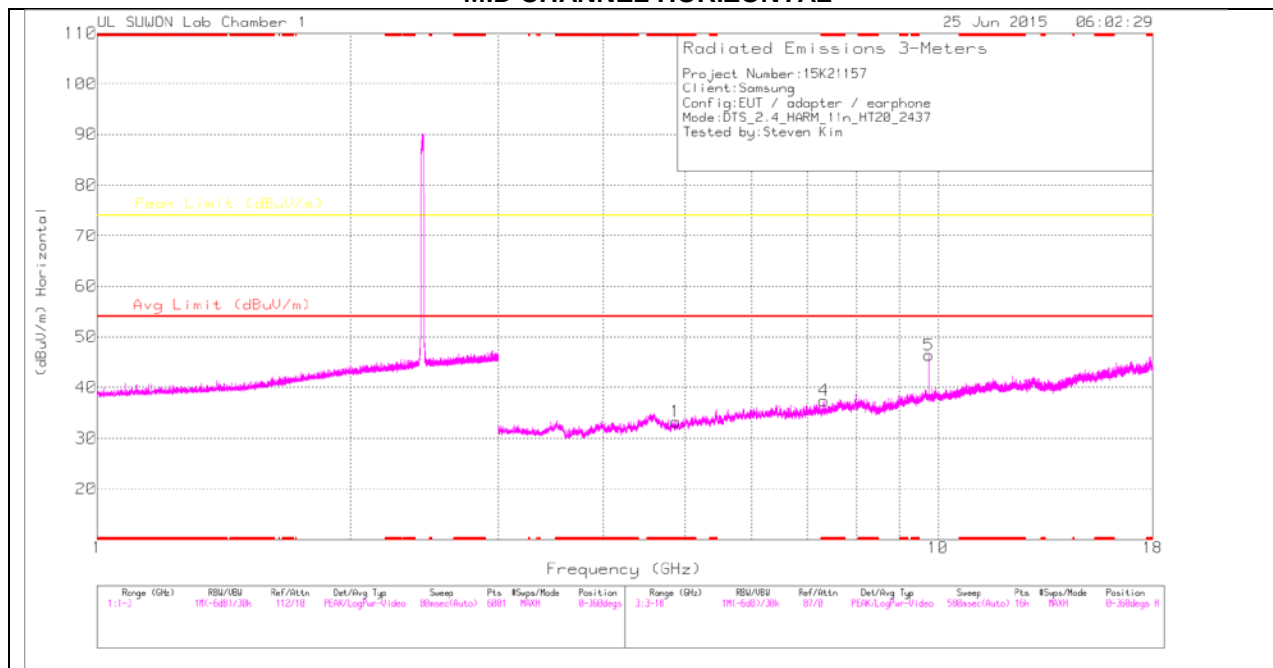
Frequency (GHz)	Meter Reading (dBuV)	Det	3117(0016 8717)_150 619	Path_3_3 GHP	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
9.648	37.8	PK2	37.1	-20.8	0	54.1	-	-	-	-	245	258	H
9.648	30.51	MAv1	37.1	-20.8	.32	47.13	-	-	-	-	245	258	H
9.648	35.44	PK2	37.1	-20.8	0	51.74	-	-	-	-	0	100	V
9.648	25.8	MAv1	37.1	-20.8	.32	42.42	-	-	-	-	0	100	V

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

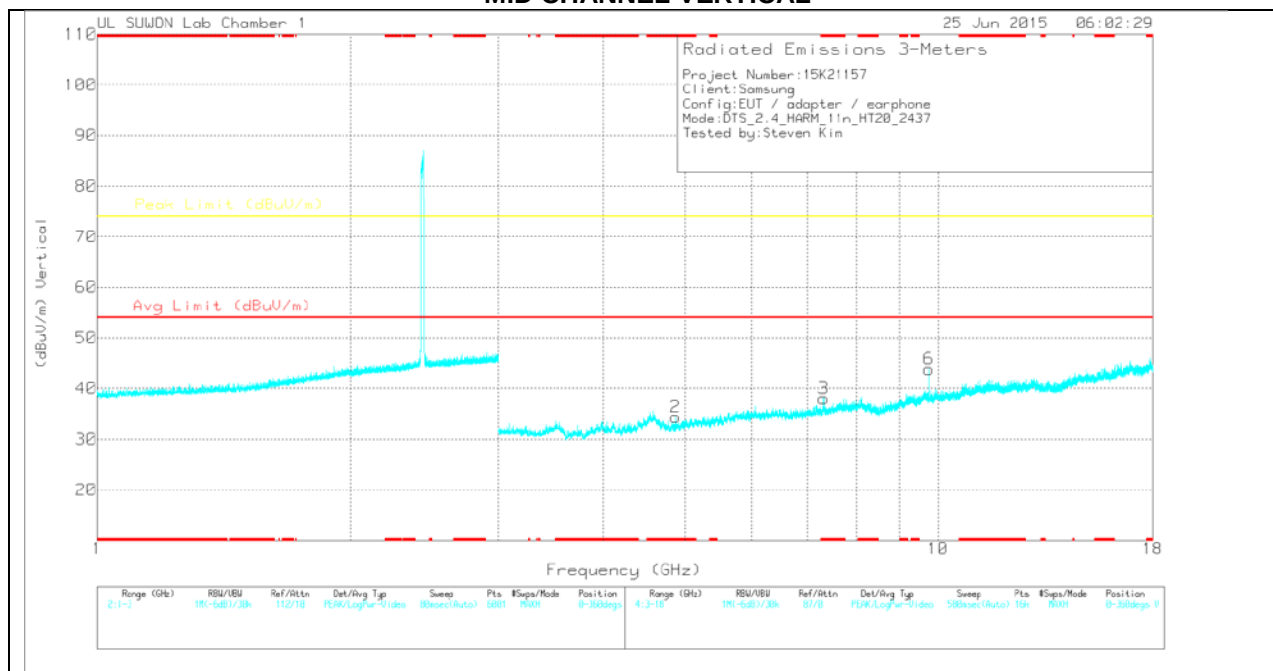
PK2 - KDB558074 Method: Maximum Peak

MAv1 - KDB558074 Option 1 Maximum RMS Average

MID CHANNEL HORIZONTAL



MID CHANNEL VERTICAL



Note: Emission was scanned up to 26GHz; 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(001687 17)_150619	Path_3_3GHP	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 4.872	28.45	PK	34	-29.2	0	33.25	-	-	74	-40.75	0-360	100	H
4	* 7.314	27.33	PK	35.8	-25.7	0	37.43	-	-	74	-36.57	0-360	200	H
5	9.748	31.1	PK	37.2	-21.9	0	46.4	-	-	-	-	0-360	200	H
2	* 4.876	29.6	PK	34	-29.2	0	34.4	-	-	74	-39.6	0-360	100	V
3	* 7.308	28.02	PK	35.7	-25.7	0	38.02	-	-	74	-35.98	0-360	100	V
6	9.748	28.55	PK	37.2	-21.9	0	43.85	-	-	-	-	0-360	100	V

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

PK – Peak detector

Radiated Emissions

Frequency (GHz)	Meter Reading (dBuV)	Det	3117(0016 8717)_150 619	Path_3_3 GHP	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
9.748	37.36	PK2	37.2	-21.9	0	52.66	-	-	-	-	246	266	H
9.748	30.93	MAv1	37.2	-21.9	.32	46.55	-	-	-	-	246	266	H
9.748	35.22	Pk	37.2	-21.9	0	50.52	-	-	-	-	14	282	V
9.748	26.01	MAv1	37.2	-21.9	.32	41.63	-	-	-	-	14	282	V

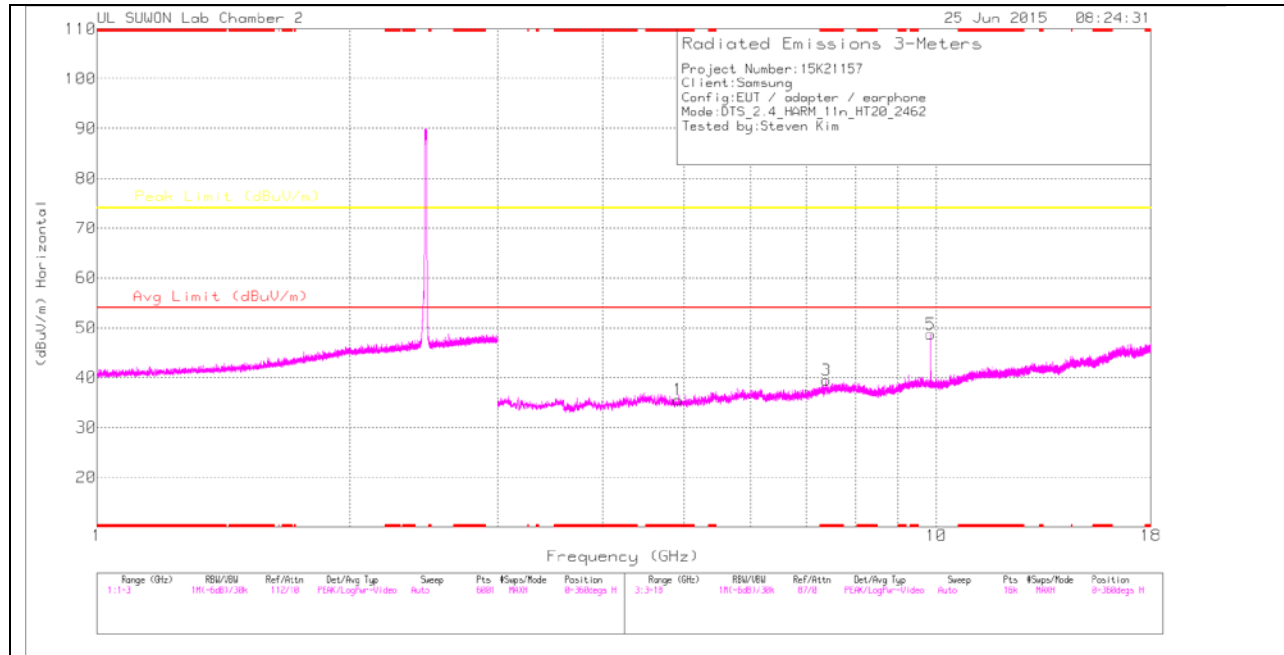
* - indicates frequency in CFR15.205/IC7.2.2 Restricted Band

Pk - Peak detector

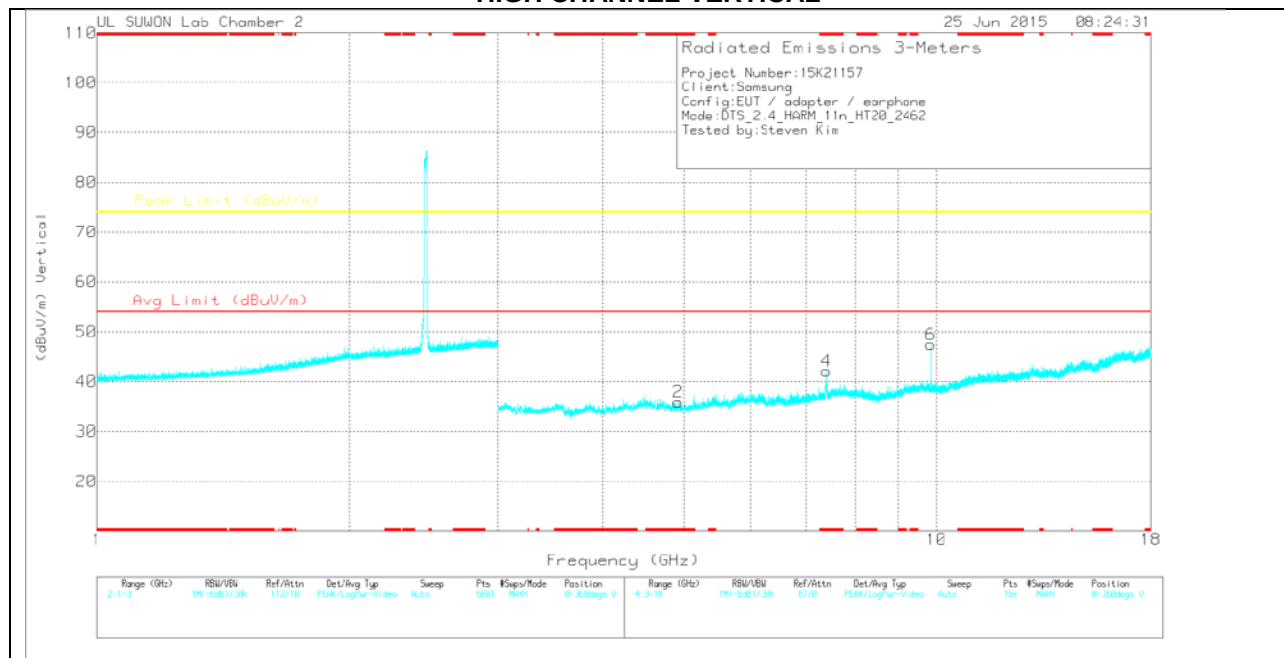
PK2 - KDB558074 Method: Maximum Peak

MAv1 - KDB558074 Option 1 Maximum RMS Average

HIGH CHANNEL HORIZONTAL



HIGH CHANNEL VERTICAL



Note: Emission was scanned up to 26GHz; 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(0016872 4)_150619	Path_3	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 4.925	26.72	PK	33.9	-25.1	0	35.52	-	-	74	-38.48	0-360	200	H
3	* 7.393	25.69	PK	35.9	-22.1	0	39.49	-	-	74	-34.51	0-360	200	H
5	9.848	30.84	PK	37.1	-19.2	0	48.74	-	-	-	-	0-360	200	H
2	* 4.925	27.19	PK	33.9	-25.1	0	35.99	-	-	74	-38.01	0-360	200	V
4	* 7.392	28.3	PK	35.9	-22.1	0	42.1	-	-	74	-31.9	0-360	200	V
6	9.848	29.49	PK	37.1	-19.2	0	47.39	-	-	-	-	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(0016 8724)_150 619	Path_3	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
* 7.391	37.75	PK2	35.9	-22.2	0	51.45	-	-	74	-22.55	127	160	H
* 7.392	24.49	MAv1	35.9	-22.1	.32	38.61	54	-15.39	-	-	127	160	H
9.848	34.58	PK2	37.1	-19.2	0	52.48	-	-	-	-	246	168	H
9.848	27.52	MAv1	37.1	-19.2	.32	45.74	-	-	-	-	246	168	H
* 7.392	37.46	PK2	35.9	-22.1	0	51.26	-	-	74	-22.74	345	305	V
* 7.391	25.57	MAv1	35.9	-22.2	.32	39.59	54	-14.41	-	-	345	305	V
9.848	35.28	PK2	37.1	-19.2	0	53.18	-	-	-	-	238	150	V
9.848	28.24	MAv1	37.1	-19.2	.32	46.46	-	-	-	-	238	150	V

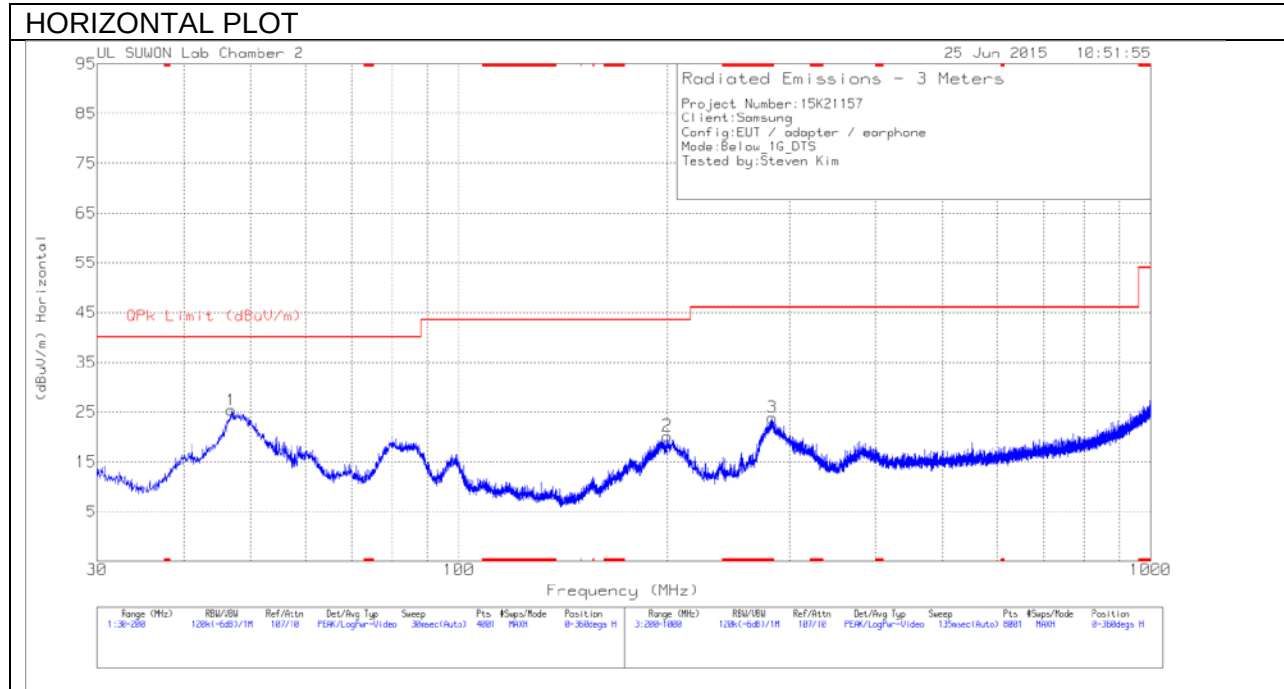
* - indicates frequency in CFR15.205/IC7.2.2 Restricted Band

PK2 - KDB558074 Method: Maximum Peak

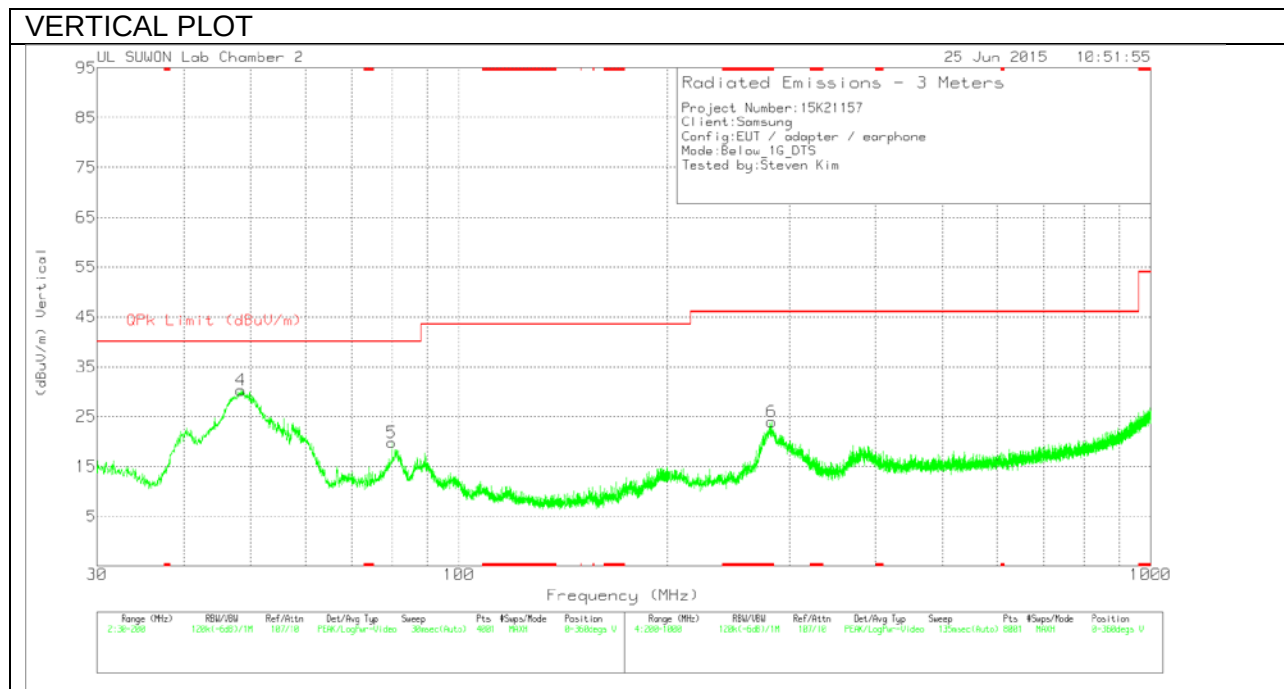
MAv1 - KDB558074 Option 1 Maximum RMS Average

11.3. WORST-CASE BELOW 1 GHz

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



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



Below 1G Data

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	46.915	42.14	Pk	14	-30.8	25.34	40	-14.66	0-360	400	H
2	200	39.14	Pk	11.4	-30.3	20.24	43.52	-23.28	0-360	100	H
4	48.4025	47.05	Pk	14	-30.8	30.25	40	-9.75	0-360	200	V
5	79.98	43.35	Pk	7.1	-30.6	19.85	40	-20.15	0-360	100	V
3	* 283.7	40.81	Pk	13.1	-30	23.91	46.02	-22.11	0-360	100	H
6	* 283	40.88	Pk	13.1	-30	23.98	46.02	-22.04	0-360	200	V

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

Pk - Peak detector

12. 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 2009.

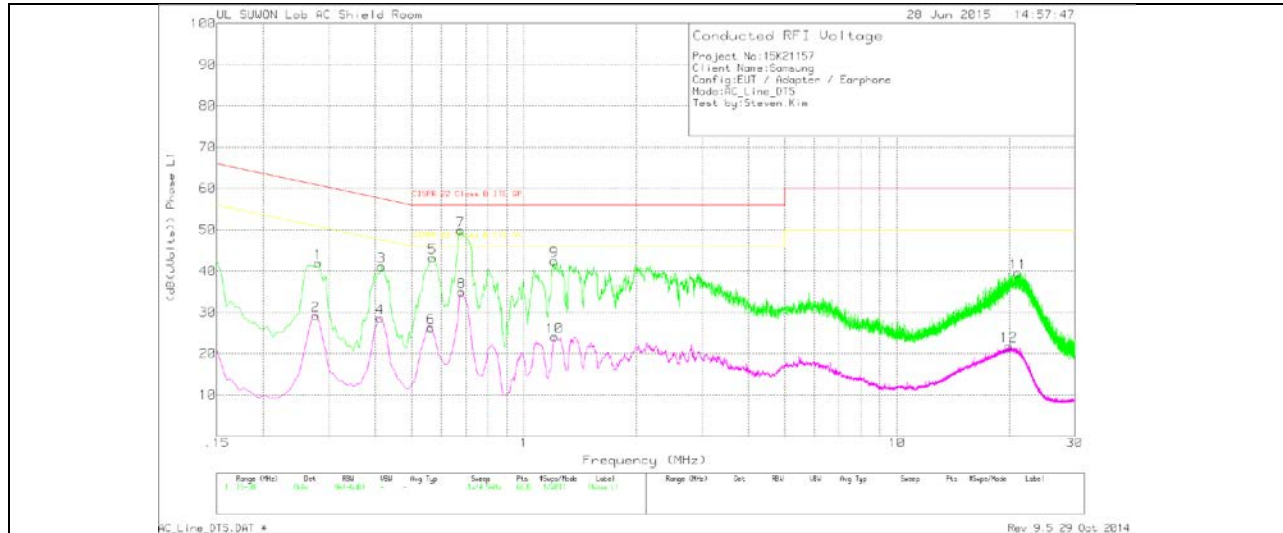
The receiver is set to a resolution bandwidth of 9 kHz. Peak detection is used unless otherwise noted as quasi-peak or average.

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

RESULTS

6 WORST EMISSIONS

LINE 1 PLOT



LINE 1 RESULTS

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	.2805	32.17	Pk	9.8	0	41.97	60.8	-18.83	-	-
2	.276	19.49	Av	9.8	0	29.29	-	-	50.94	-21.65
3	.4155	31	Pk	10.1	0	41.1	57.54	-16.44	-	-
4	.411	18.52	Av	10.1	0	28.62	-	-	47.63	-19.01
5	.5685	33.16	Pk	10.1	0	43.26	56	-12.74	-	-
6	.564	16.27	Av	10.1	0	26.37	-	-	46	-19.63
7	.6765	39.71	Pk	10.1	0	49.81	56	-6.19	-	-
8	.681	24.84	Av	10.1	0	34.94	-	-	46	-11.06
9	1.203	32.56	Pk	9.8	.1	42.46	56	-13.54	-	-
10	1.2075	14.23	Av	9.8	.1	24.13	-	-	46	-21.87
11	21.1335	28.93	Pk	10.4	.2	39.53	60	-20.47	-	-
12	19.968	11.26	Av	10.4	.2	21.86	-	-	50	-28.14

Pk - Peak detector

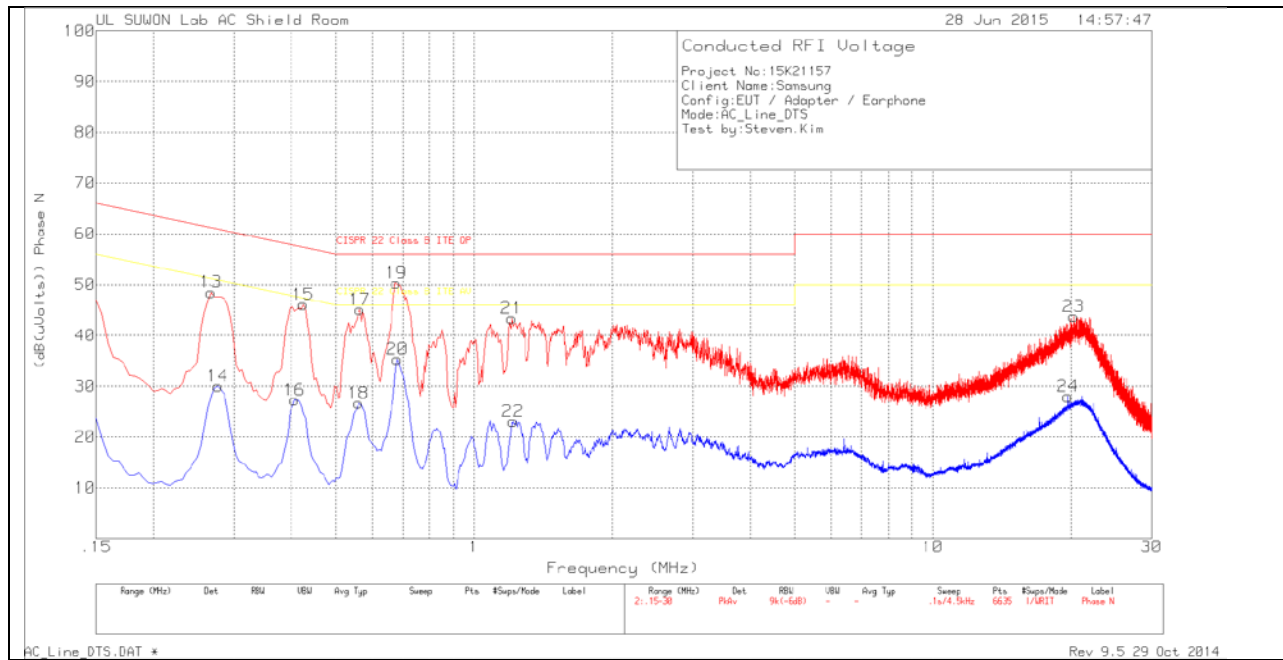
Av - Average detection

Phase L1 .15 - 30MHz

Frequency (MHz)	Meter Reading (dBuV)	Det	101837_wit h 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)
.6747	33.72	Qp	10.1	0	43.82	56	-12.18	-	-

Qp - Quasi-Peak detector

LINE 2 PLOT



LINE 2 RESULTS

Phase N .15 - 30MHz

Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	101837_w ith ex-cord_N	CE Shield Room	Corrected Reading (dBuV)	CISPR 22 Class B ITE QP	Margin (dB)	CISPR 22 Class B ITE AV	Margin (dB)
13	.267	38.82	Pk	9.7	0	48.52	61.21	-12.69	-	-
14	.276	20.22	Av	9.8	0	30.02	-	-	50.94	-20.92
15	.4245	35.98	Pk	10.1	0	46.08	57.36	-11.28	-	-
16	.4065	17.15	Av	10.1	0	27.25	-	-	47.72	-20.47
17	.564	35.04	Pk	10.1	0	45.14	56	-10.86	-	-
18	.5595	16.56	Av	10.1	0	26.66	-	-	46	-19.34
19	.6765	40.37	Pk	10	0	50.37	56	-5.63	-	-
20	.681	25.3	Av	10	0	35.3	-	-	46	-10.7
21	1.2075	33.47	Pk	9.8	.1	43.37	56	-12.63	-	-
22	1.2165	13.18	Av	9.8	.1	23.08	-	-	46	-22.92
23	20.2605	32.99	Pk	10.6	.2	43.79	60	-16.21	-	-
24	19.725	17.19	Av	10.6	.2	27.99	-	-	50	-22.01

Pk - Peak detector

Av - Average detection

Phase N .15 - 30MHz

Frequency (MHz)	Meter Reading (dBuV)	Det	101837_wit h 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)
.6738	32.27	Qp	10	0	42.27	56	-13.73	-	-

Qp - Quasi-Peak detector