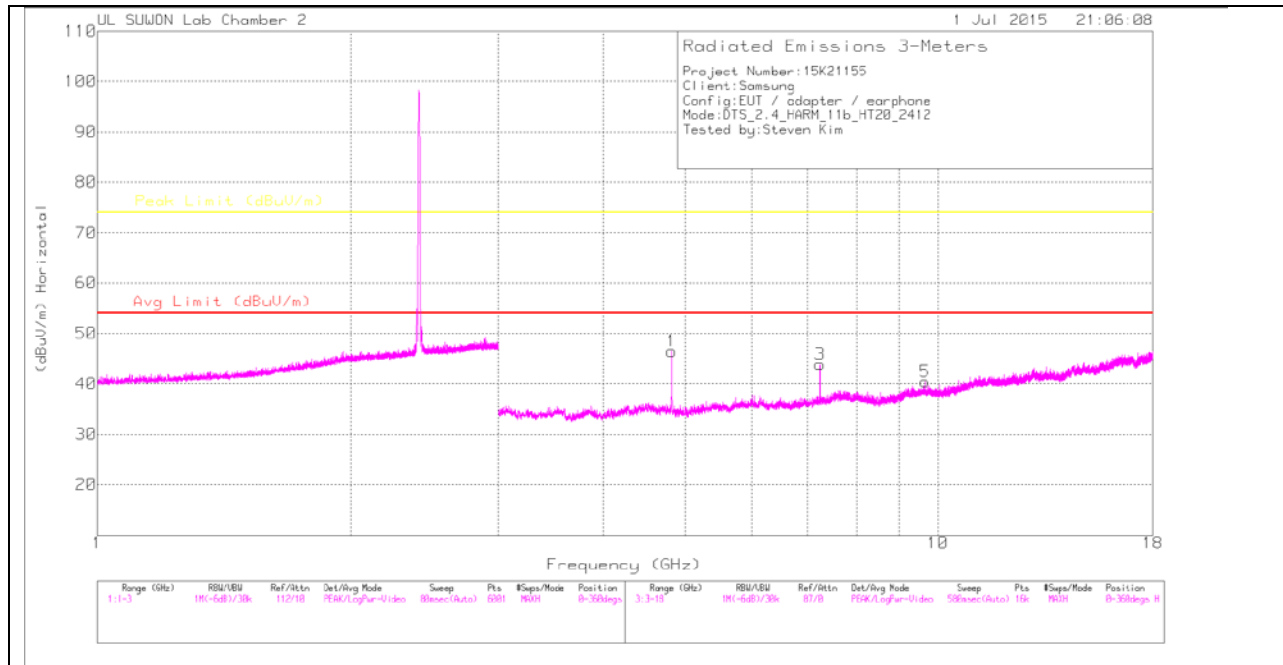
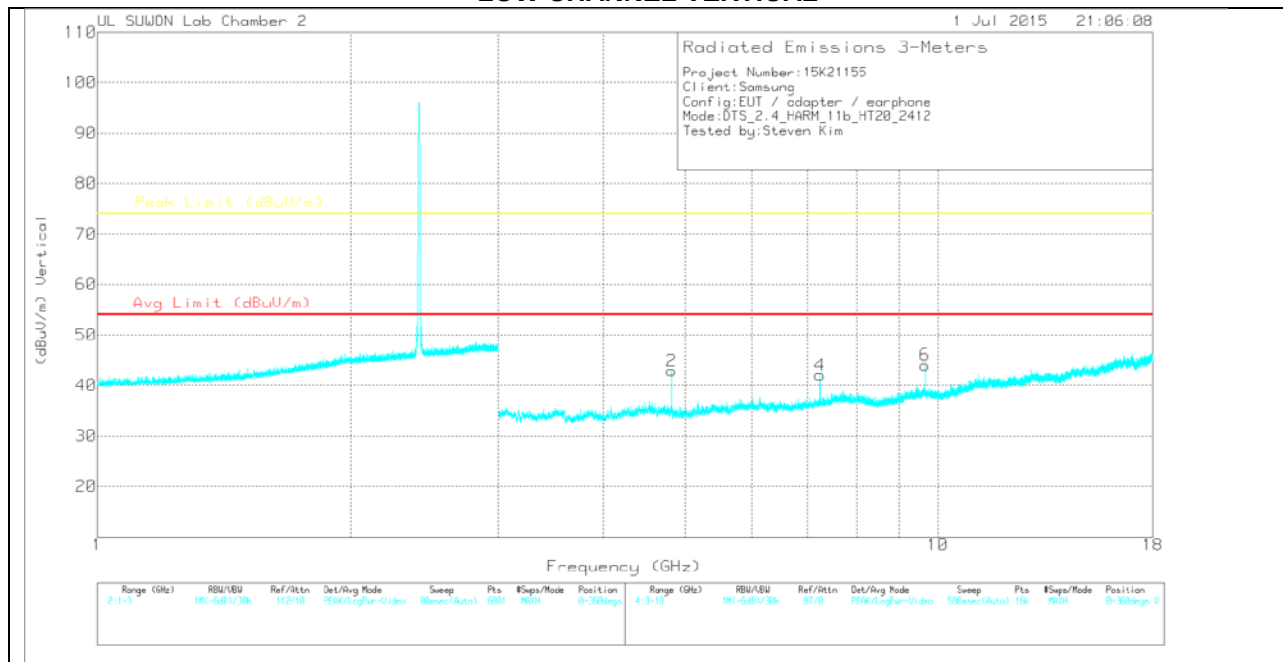


HARMONICS AND SPURIOUS EMISSIONS

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 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	* 4.823	37.87	PK	33.9	-25.3	0	46.47	-	-	74	-27.53	0-360	200	H
3	7.234	31.09	PK	35.8	-23	0	43.89	-	-	-	-	0-360	200	H
5	9.648	22.54	PK	36.9	-19	0	40.44	-	-	-	-	0-360	200	H
2	* 4.823	34.29	PK	33.9	-25.3	0	42.89	-	-	74	-31.11	0-360	200	V
4	7.234	29.2	PK	35.8	-23	0	42	-	-	-	-	0-360	200	V
6	9.647	26.15	PK	36.9	-19	0	44.05	-	-	-	-	0-360	200	V

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

PK – Peak detector

Radiated Emissions

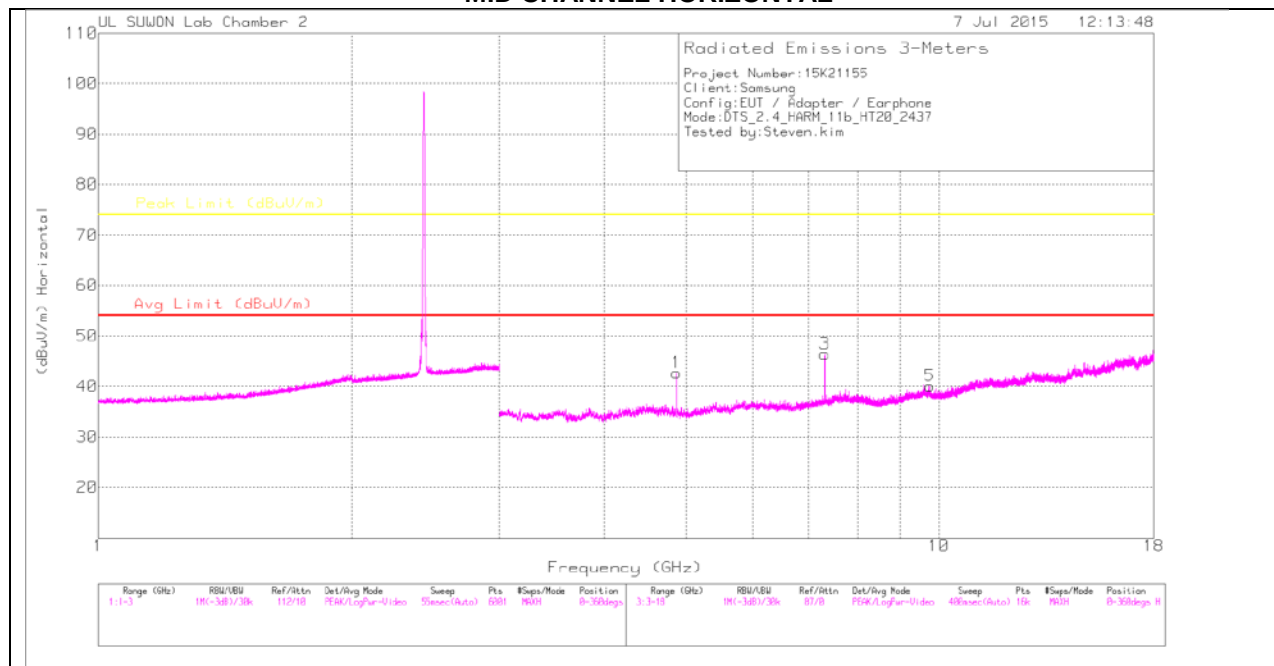
Frequency (GHz)	Meter Reading (dBuV)	Det	3117(0016 8724)_150 619	Path_3	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
* 4.824	43.9	PK2	33.9	-25.3	0	52.5	-	-	74	-21.5	325	347	H
* 4.824	38.71	MAV1	33.9	-25.3	0	47.31	54	-6.69	-	-	325	347	H
* 4.824	45.44	PK2	33.9	-25.3	0	54.04	-	-	74	-19.96	270	348	V
* 4.824	37.67	MAV1	33.9	-25.3	0	46.27	54	-7.73	-	-	270	348	V
7.236	35.75	PK2	35.8	-23	0	48.55	-	-	-	-	60	247	H
9.648	32.79	PK2	36.9	-19	0	50.69	-	-	-	-	281	167	H
9.648	33.76	PK2	36.9	-19	0	51.66	-	-	-	-	244	151	V
7.235	37.47	PK2	35.8	-23	0	50.27	-	-	-	-	101	275	V

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

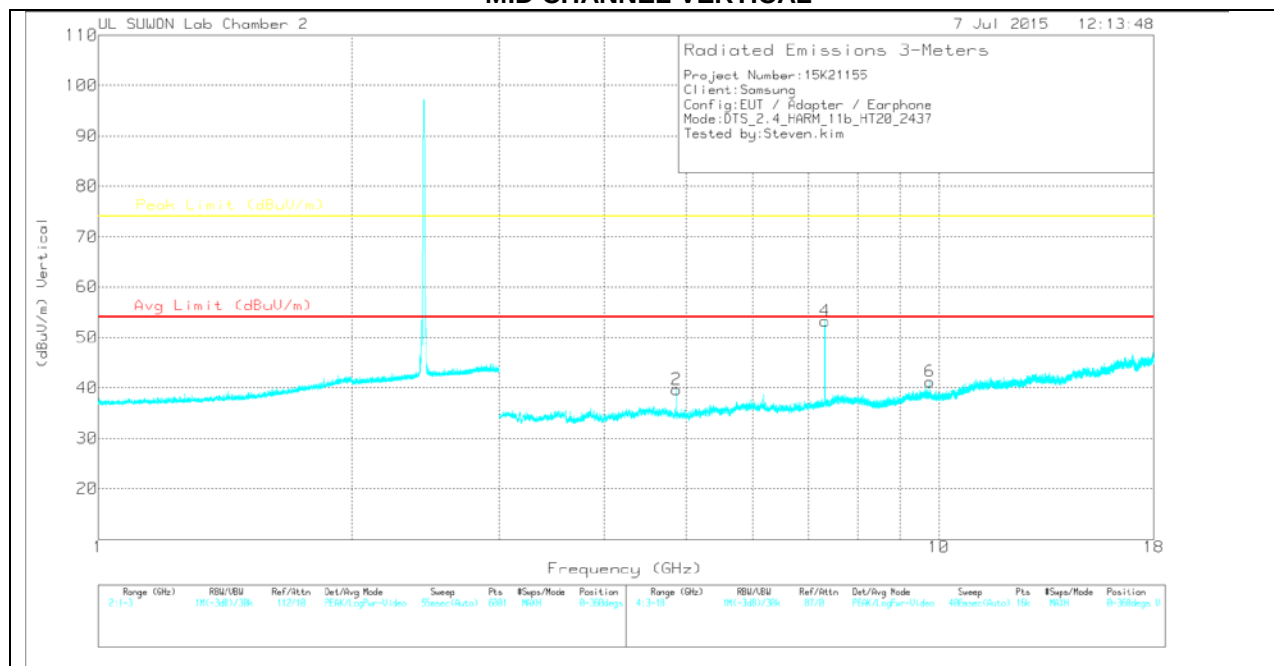
PK2 - KDB558074 Method: Maximum Peak

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 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	34.02	PK	33.9	-25.2	0	42.72	-	-	74	-31.28	0-360	200	H
3	* 7.309	33.14	PK	35.9	-22.6	0	46.44	-	-	74	-27.56	0-360	200	H
5	9.748	22.4	PK	37	-19.3	0	40.1	-	-	74	-33.9	0-360	200	H
2	* 4.874	30.99	PK	33.9	-25.2	0	39.69	-	-	74	-34.31	0-360	200	V
4	* 7.312	39.96	PK	35.9	-22.6	0	53.26	-	-	74	-20.74	0-360	200	V
6	9.748	23.52	PK	37	-19.3	0	41.22	-	-	74	-32.78	0-360	200	V

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

PK – Peak detector

Radiated Emissions

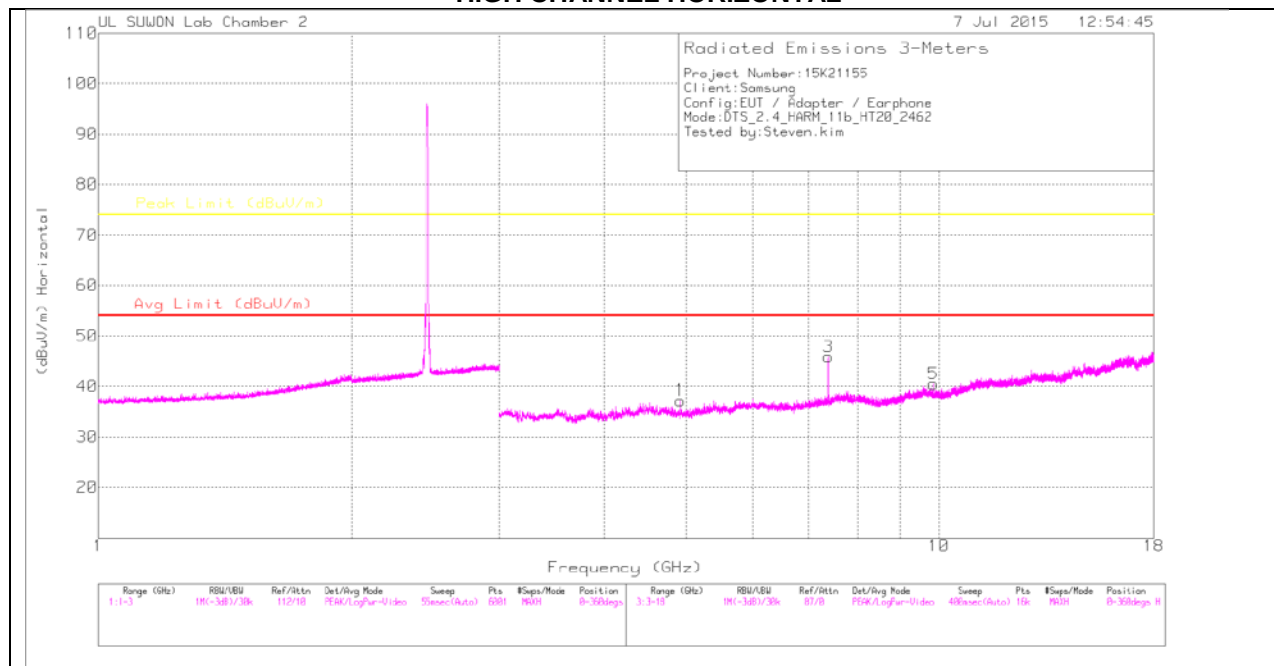
Frequency (GHz)	Meter Reading (dBuV)	Det	3117(0016 8724)_150 619	Path_3	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
* 4.874	41.02	PK2	33.9	-25.2	0	49.72	-	-	74	-24.28	322	170	H
* 4.874	34.79	MAv1	33.9	-25.2	0	43.49	54	-10.51	-	-	322	170	H
* 4.874	40.27	PK2	33.9	-25.2	0	48.97	-	-	74	-25.03	166	306	V
* 4.874	32.5	MAv1	33.9	-25.2	0	41.2	54	-12.8	-	-	166	306	V
* 7.31	43.53	PK2	35.9	-22.6	0	56.83	-	-	74	-17.17	215	325	H
* 7.312	23.54	MAv1	35.9	-22.6	0	36.84	54	-17.16	-	-	215	325	H
* 7.312	43.78	PK2	35.9	-22.6	0	57.08	-	-	74	-16.92	80	250	V
* 7.312	27.18	MAv1	35.9	-22.6	0	40.48	54	-13.52	-	-	80	250	V

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

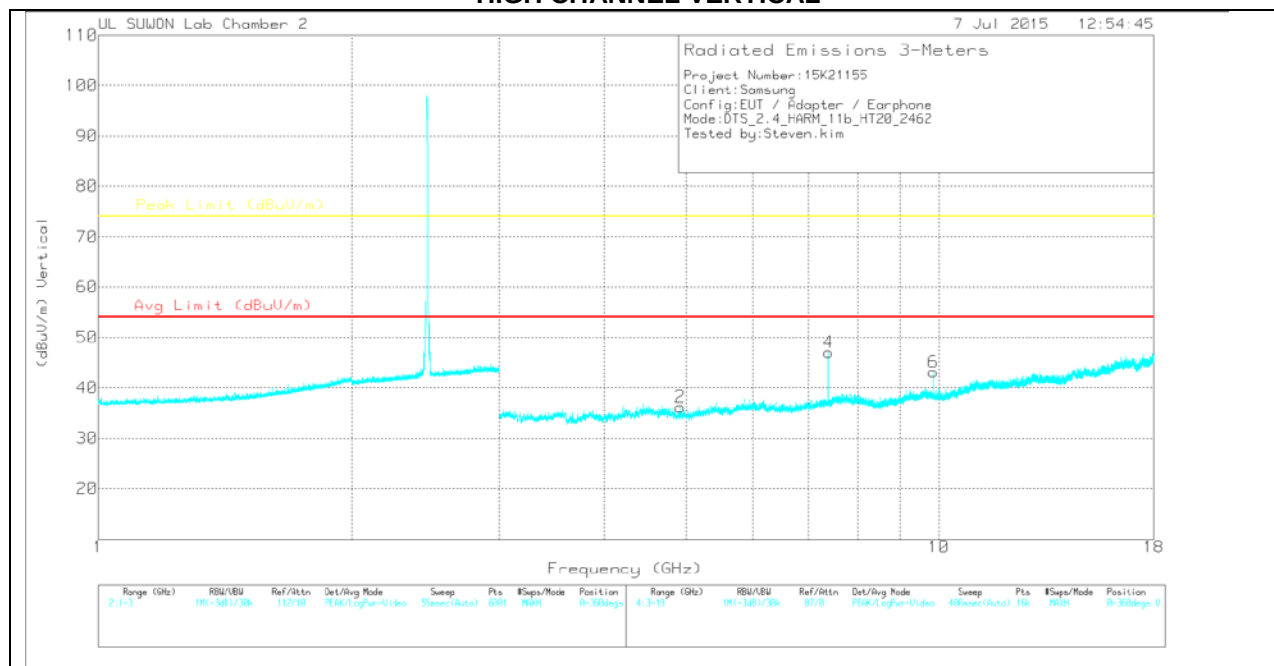
PK2 - KDB558074 Method: Maximum Peak

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 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	* 4.924	28.41	PK	33.9	-25.1	0	37.21	-	-	74	-36.79	0-360	200	H
3	* 7.385	32.2	PK	35.9	-22.2	0	45.9	-	-	74	-28.1	0-360	200	H
5	9.848	22.59	PK	37.1	-19.2	0	40.49	-	-	74	-33.51	0-360	200	H
2	* 4.924	27.42	PK	33.9	-25.1	0	36.22	-	-	74	-37.78	0-360	200	V
4	* 7.387	33.33	PK	35.9	-22.2	0	47.03	-	-	74	-26.97	0-360	200	V
6	9.848	25.26	PK	37.1	-19.2	0	43.16	-	-	74	-30.84	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
* 7.385	36.61	PK2	35.9	-22.2	0	50.31	-	-	74	-23.69	204	376	H
* 7.387	24.74	MAV1	35.9	-22.2	0	38.44	54	-15.56	-	-	204	376	H
* 7.387	44.32	PK2	35.9	-22.2	0	58.02	-	-	74	-15.98	112	217	V
* 7.387	27.57	MAV1	35.9	-22.2	0	41.27	54	-12.73	-	-	112	217	V
9.848	32.29	PK2	37.1	-19.2	0	50.19	-	-	74	-23.81	312	385	H
9.848	33.6	PK2	37.1	-19.2	0	51.5	-	-	74	-22.5	101	280	V

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

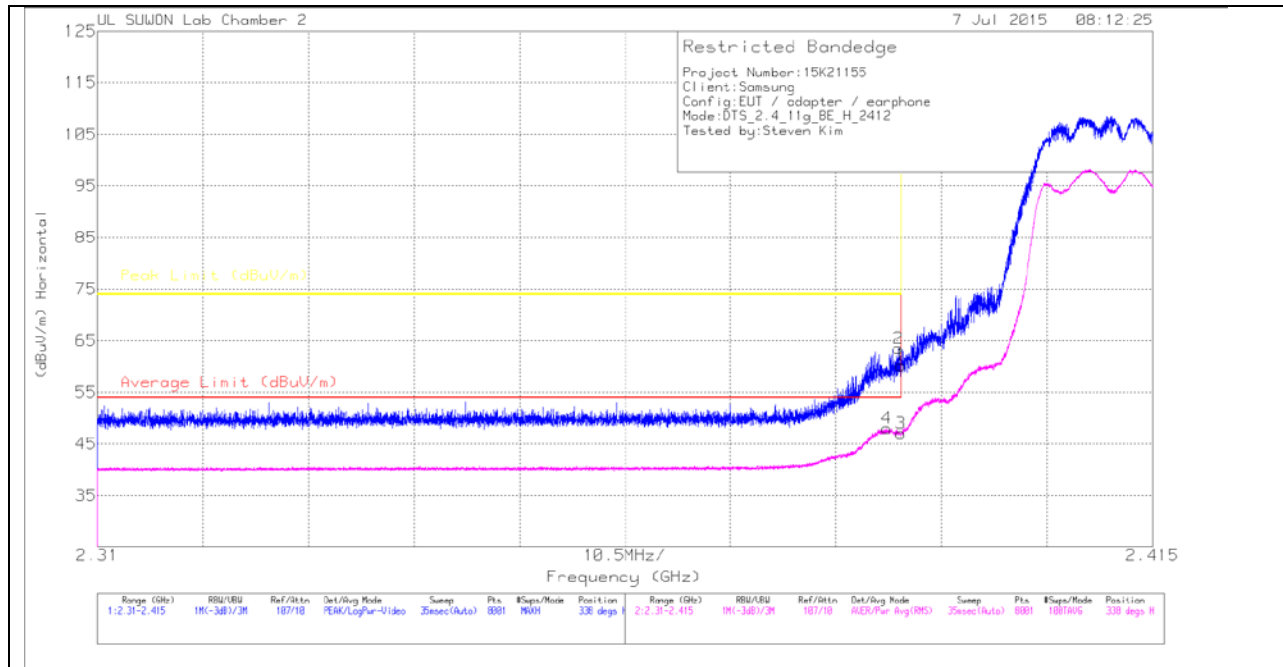
PK2 - KDB558074 Method: Maximum Peak

MAV1 - KDB558074 Option 1 Maximum RMS Average

11.2.2. TX ABOVE 1GHz 802.11g 2TX CDD MODE IN THE 2.4GHz BAND

RESTRICTED BANDEDGE (LOW CHANNEL)

HORIZONTAL PEAK AND AVERAGE PLOT



HORIZONTAL DATA

TRACE MARKERS

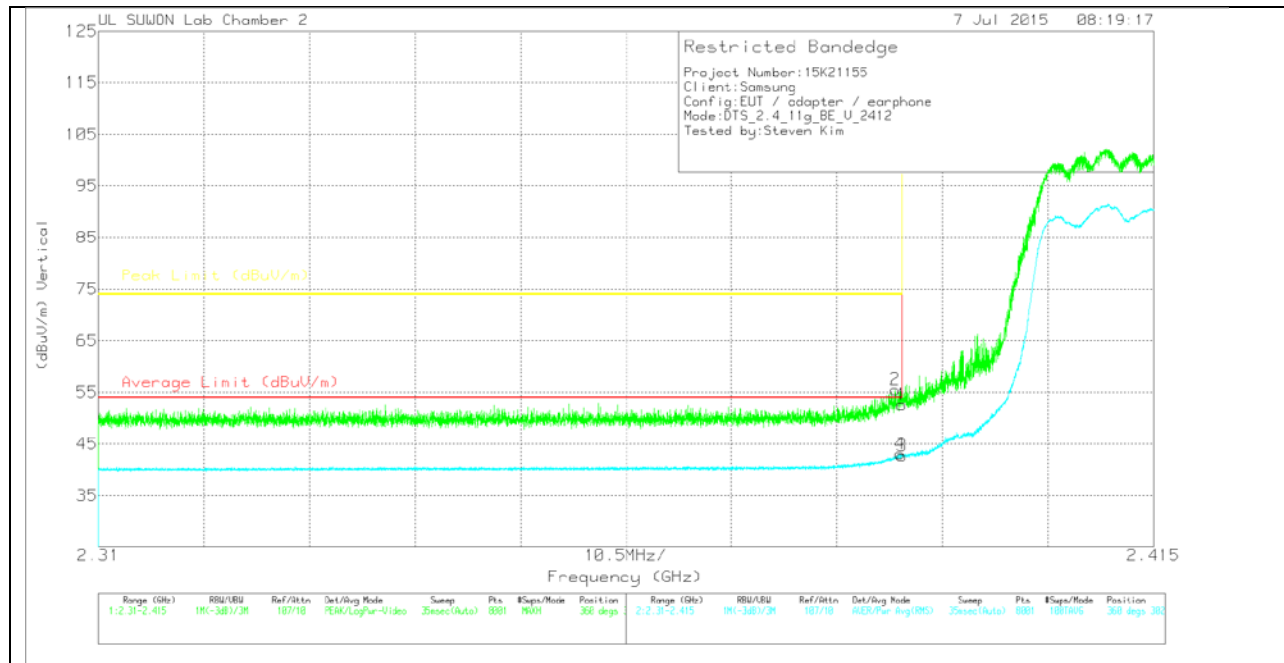
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	3117(00168 724)_15061 9	Path_2_10d B	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Altitude (Degs)	Height (cm)	Polarity
1	* 2.39	48.07	Pk			0	60.27	-	-	74	-13.73	338	380	H
2	* 2.39	51.3	Pk			0	63.5	-	-	74	-10.5	338	380	H
3	* 2.39	34.54	RMS			.3	47.04	54	-6.96	-	-	338	380	H
4	* 2.389	35.55	RMS			.3	48.05	54	-5.95	-	-	338	380	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	* 2.39	40.42	Pk			0	52.62	-	-	74	-21.38	360	302	V
2	* 2.389	43.32	Pk			0	55.52	-	-	74	-18.48	360	302	V
3	* 2.39	30.23	RMS			.3	42.73	54	-11.27	-	-	360	302	V
4	* 2.39	30.56	RMS			.3	43.06	54	-10.94	-	-	360	302	V

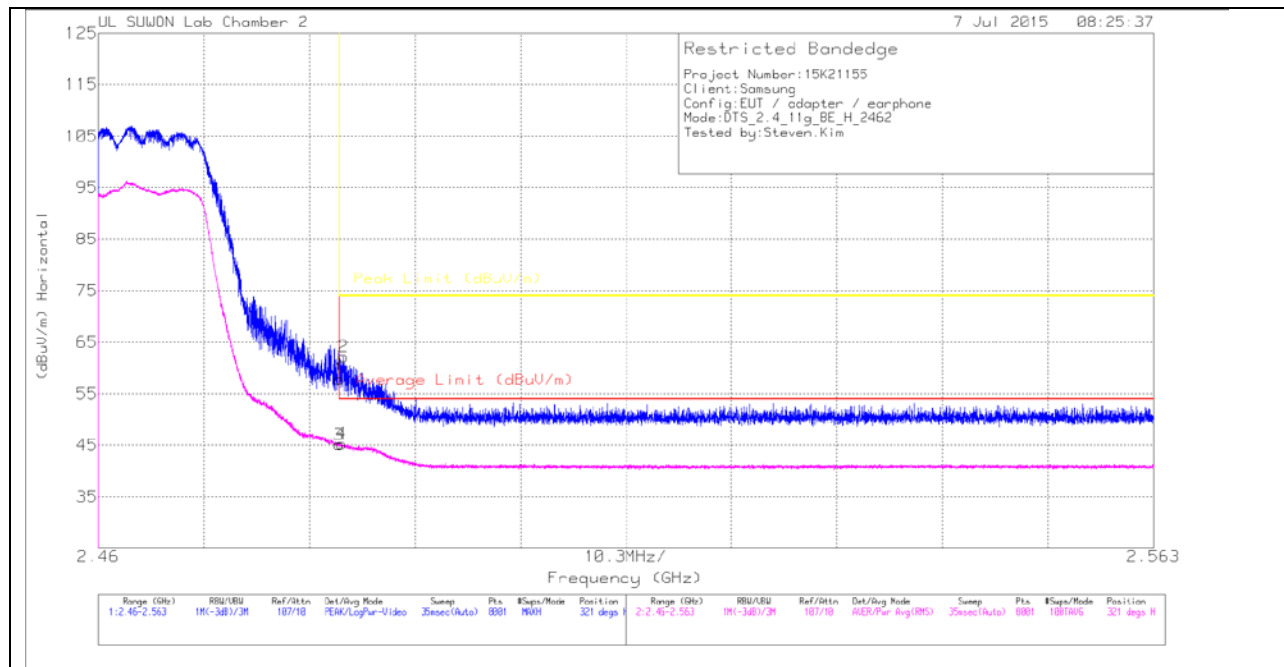
* - indicates frequency in CFR15.205/IC7.2.2 Restricted Band

Pk - Peak detector

RMS - RMS detection

AUTHORIZED BANDEDGE (HIGH CHANNEL)

HORIZONTAL PEAK AND AVERAGE PLOT



HORIZONTAL DATA

TRACE MARKERS

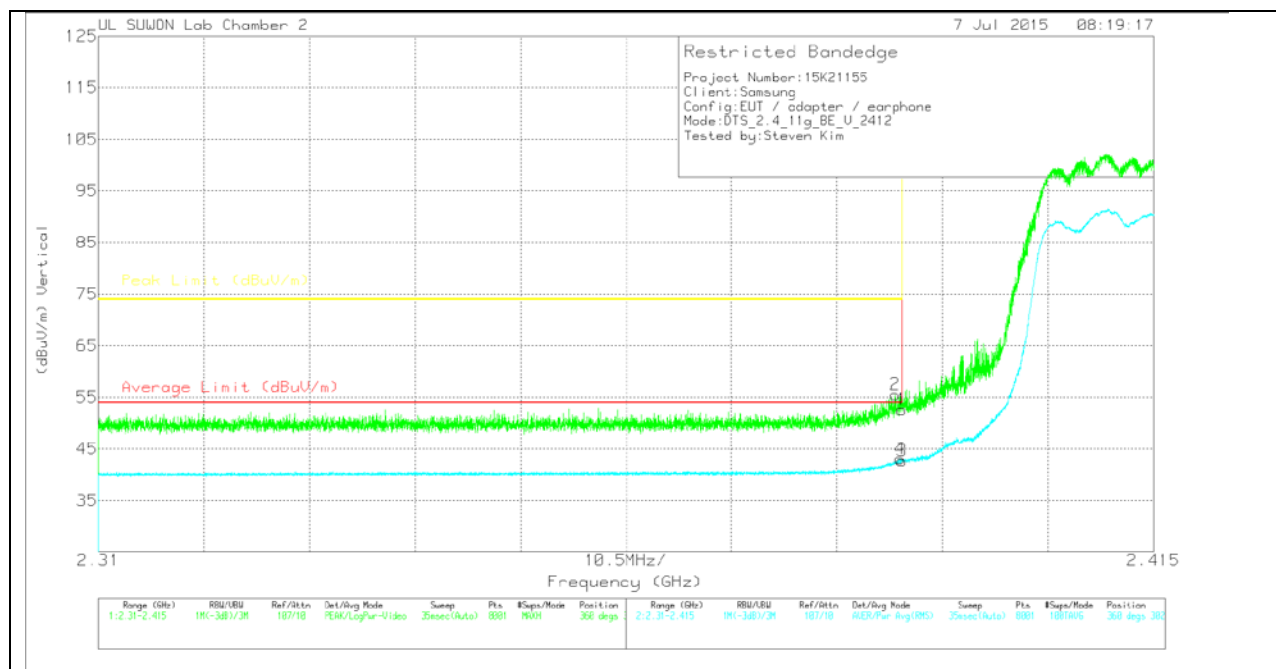
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	3117(00168 724)_15061 9	Path_2_10d B	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.484	45.45	Pk	31.8	-19.4	0	57.85	-	-	74	-16.15	321	351	H
2	* 2.484	49.75	Pk	31.8	-19.4	0	62.15	-	-	74	-11.85	321	351	H
3	* 2.484	32.41	RMS	31.8	-19.4	.3	45.11	54	-8.89	-	-	321	351	H
4	* 2.484	32.59	RMS	31.8	-19.4	.3	45.29	54	-8.71	-	-	321	351	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	* 2.39	40.42	Pk		-19.5	0	52.62	-	-	74	-21.38	360	302	V
2	* 2.389	43.32	Pk		-19.5	0	55.52	-	-	74	-18.48	360	302	V
3	* 2.39	30.23	RMS		-19.5	.3	42.73	54	-11.27	-	-	360	302	V
4	* 2.39	30.56	RMS		-19.5	.3	43.06	54	-10.94	-	-	360	302	V

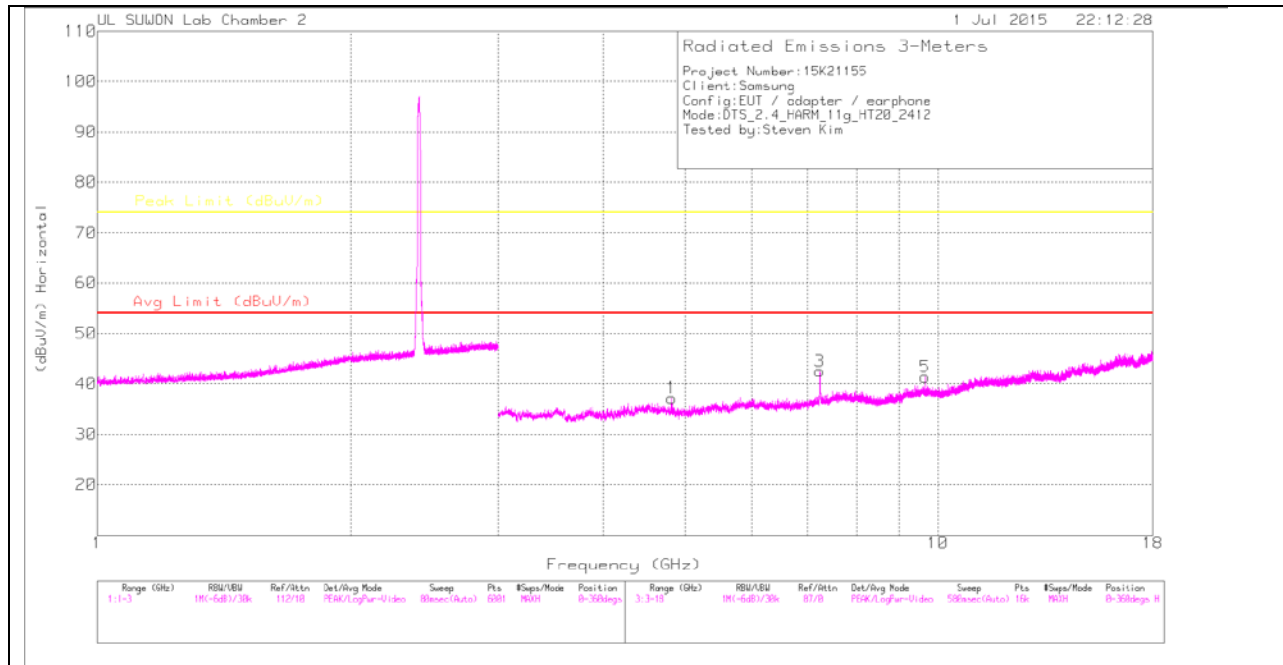
* - indicates frequency in CFR15.205/IC7.2.2 Restricted Band

Pk - Peak detector

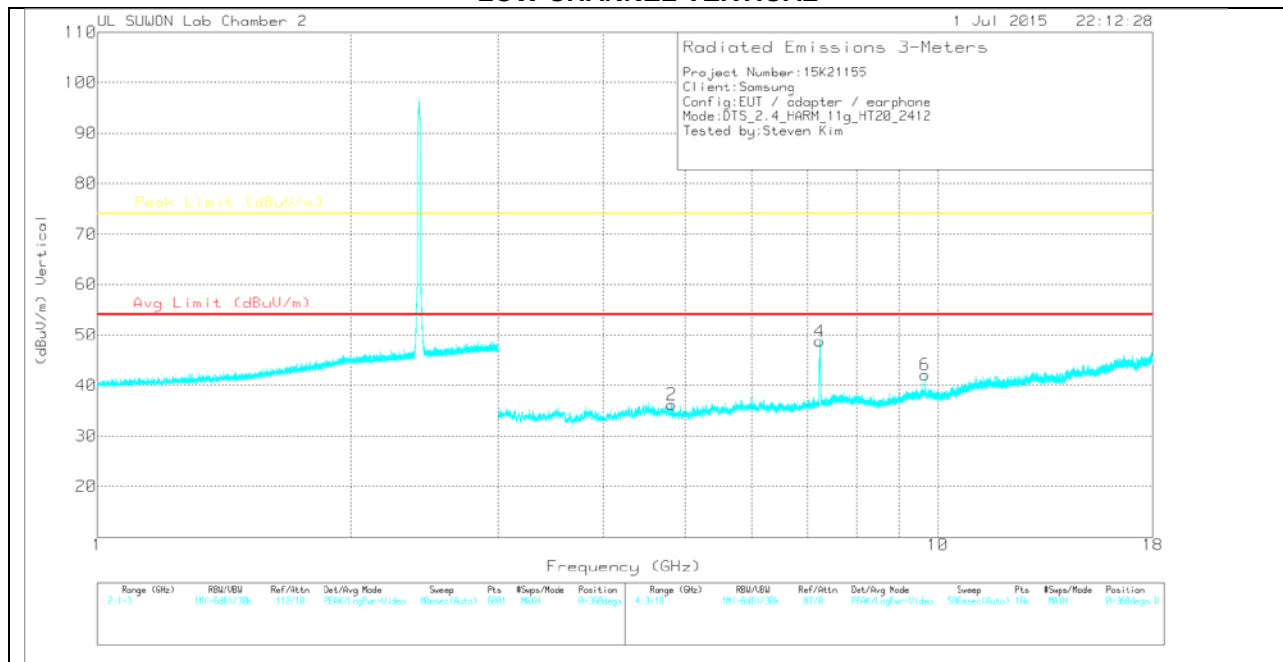
RMS - RMS detection

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 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	* 4.825	28.6	PK	33.9	-25.3	0	37.2	-	-	74	-36.8	0-360	200	H
3	7.226	29.73	PK	35.8	-23	0	42.53	-	-	-	-	0-360	200	H
5	9.648	23.47	PK	36.9	-19	0	41.37	-	-	-	-	0-360	200	H
2	* 4.821	27.61	PK	33.9	-25.3	0	36.21	-	-	74	-37.79	0-360	200	V
4	7.228	35.93	PK	35.8	-23	0	48.73	-	-	-	-	0-360	200	V
6	9.648	24.19	PK	36.9	-19	0	42.09	-	-	-	-	0-360	200	V

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

PK – Peak detector

Radiated Emissions

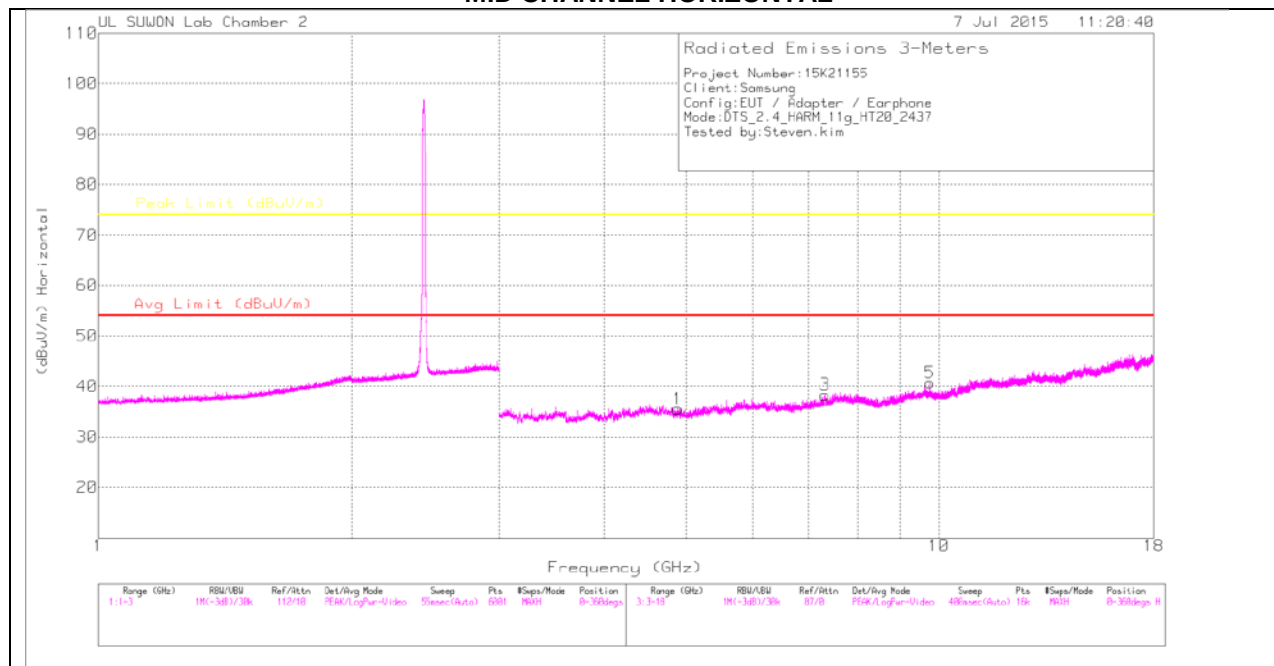
Frequency (GHz)	Meter Reading (dBuV)	Det	3117(0016 8724)_150 619	Path_3	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
* 4.826	39.15	PK2	33.9	-25.3	0	47.75	-	-	74	-26.25	317	121	H
* 4.825	26.57	MAV1	33.9	-25.3	.3	35.47	54	-18.53	-	-	317	121	H
* 4.825	39.47	PK2	33.9	-25.3	0	48.07	-	-	74	-25.93	187	276	V
* 4.825	25.8	MAV1	33.9	-25.3	.3	34.7	54	-19.3	-	-	187	276	V
7.228	38.91	PK2	35.8	-23	0	51.71	-	-	-	-	199	149	H
7.228	43.56	PK2	35.8	-23	0	56.36	-	-	-	-	173	277	V

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

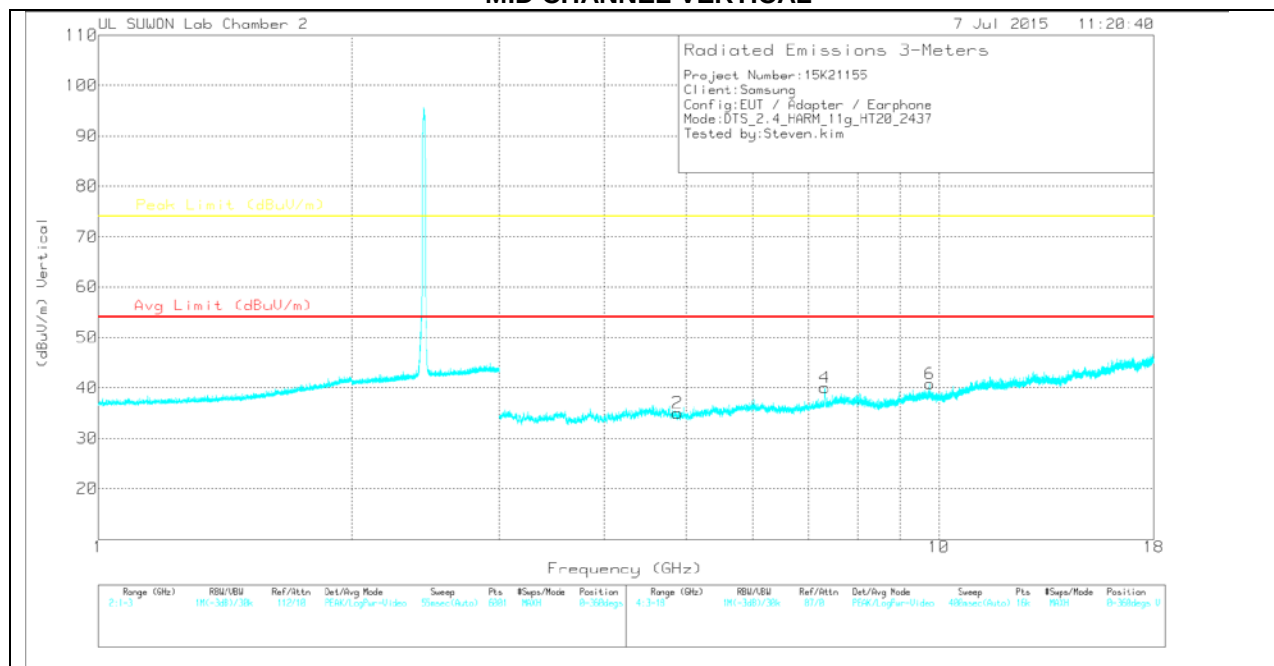
PK2 - KDB558074 Method: Maximum Peak

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 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	* 4.887	26.82	PK	33.9	-25.2	0	35.52	-	-	74	-38.48	0-360	200	H
3	* 7.314	25.04	PK	35.9	-22.6	0	38.34	-	-	74	-35.66	0-360	200	H
5	9.748	23.01	PK	37	-19.3	0	40.71	-	-	-	-	0-360	200	H
2	* 4.886	26.3	PK	33.9	-25.2	0	35	-	-	74	-39	0-360	200	V
4	* 7.31	26.74	PK	35.9	-22.6	0	40.04	-	-	74	-33.96	0-360	200	V
6	9.749	23.08	PK	37	-19.3	0	40.78	-	-	-	-	0-360	200	V

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

PK – Peak detector

Radiated Emissions

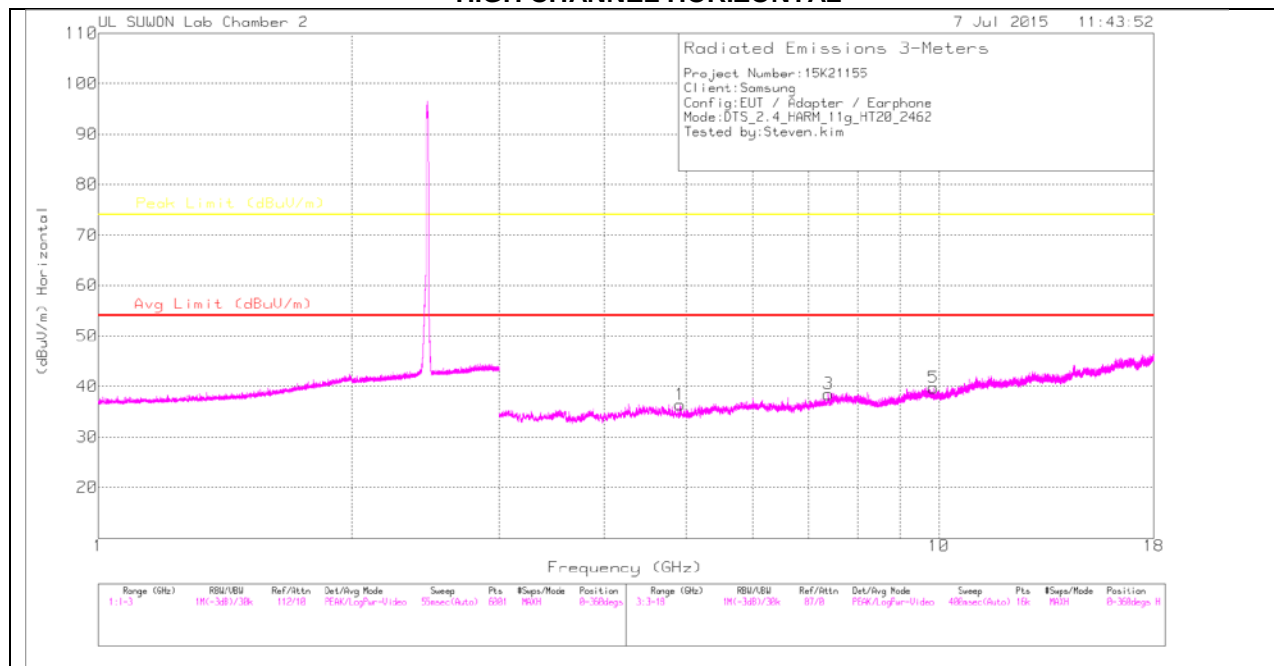
Frequency (GHz)	Meter Reading (dBuV)	Det	3117(0016 8724)_150 619	Path_3	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
* 7.315	44.02	PK2	35.9	-22.6	0	57.32	-	-	74	-16.68	294	181	H
* 7.313	23.29	MAv1	35.9	-22.6	.3	36.89	54	-17.11	-	-	294	181	H
* 7.315	45.46	PK2	35.9	-22.6	0	58.76	-	-	74	-15.24	6	295	V
* 7.313	23.34	MAv1	35.9	-22.6	.3	36.94	54	-17.06	-	-	6	295	V

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

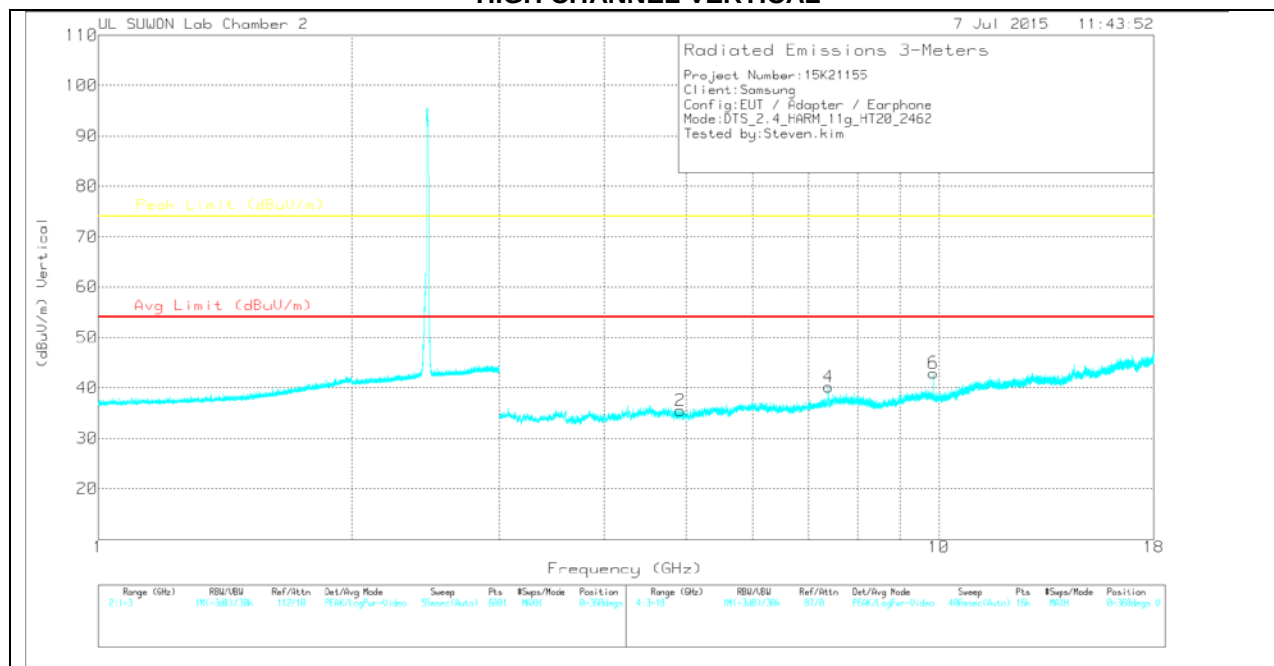
PK2 - KDB558074 Method: Maximum Peak

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 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	* 4.92	27.6	PK	33.9	-25.1	0	36.4	-	-	74	-37.6	0-360	200	H
3	* 7.386	24.8	PK	35.9	-22.2	0	38.5	-	-	74	-35.5	0-360	200	H
5	9.848	21.84	PK	37.1	-19.2	0	39.74	-	-	74	-34.26	0-360	200	H
2	* 4.923	26.7	PK	33.9	-25.1	0	35.5	-	-	74	-38.5	0-360	200	V
4	* 7.388	26.5	PK	35.9	-22.2	0	40.2	-	-	74	-33.8	0-360	200	V
6	9.848	25.04	PK	37.1	-19.2	0	42.94	-	-	74	-31.06	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
* 7.385	44.76	PK2	35.9	-22.2	0	58.46	-	-	74	-15.54	274	380	H
* 7.388	22.02	MAv1	35.9	-22.2	.3	36.02	54	-17.98	-	-	274	380	H
* 7.388	38.71	PK2	35.9	-22.2	0	52.41	-	-	74	-21.59	360	219	V
* 7.387	21.88	MAv1	35.9	-22.2	.3	35.88	54	-18.12	-	-	360	219	V
9.848	32.22	PK2	37.1	-19.2	0	50.12	-	-	74	-23.88	44	382	H
9.848	33.73	PK2	37.1	-19.2	0	51.63	-	-	74	-22.37	236	130	V

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

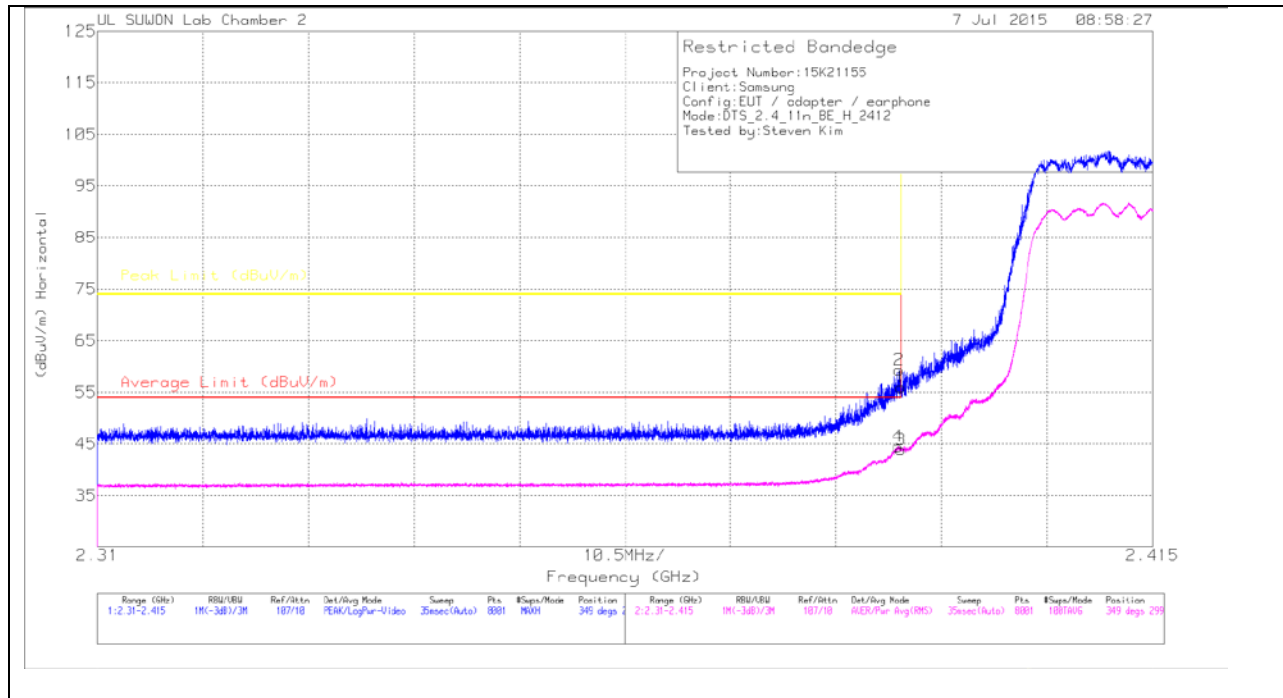
PK2 - KDB558074 Method: Maximum Peak

MAv1 - KDB558074 Option 1 Maximum RMS Average

11.2.3.TX ABOVE 1GHz 802.11n HT20 2TX CDD MODE IN THE 2.4GHz BAND

RESTRICTED BANDEDGE (LOW CHANNEL)

HORIZONTAL PEAK AND AVERAGE PLOT



HORIZONTAL DATA

TRACE MARKERS

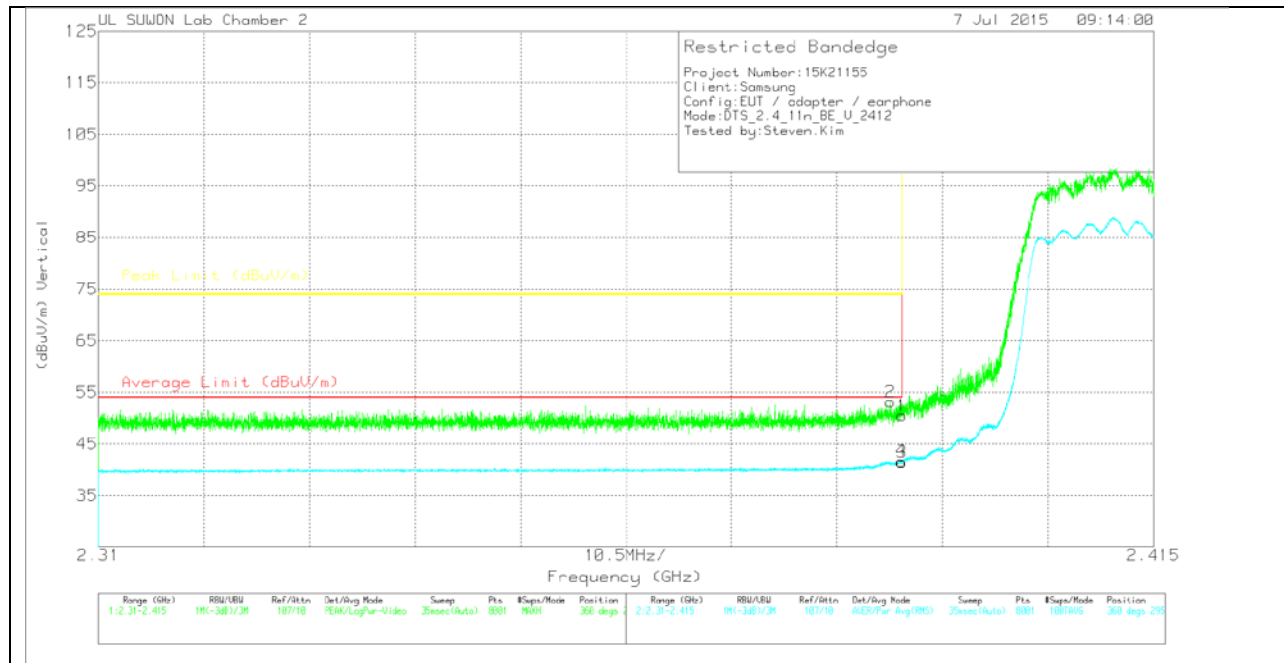
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	3117(00168 717_15061 g)	Path_2_10d B	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.39	46.97	Pk		-22.8	0	55.97	-	-	74	-18.03	349	299	H
2	* 2.39	50.32	Pk		-22.8	0	59.32	-	-	74	-14.68	349	299	H
3	* 2.39	34.57	RMS		-22.8	.32	43.89	54	-10.11	-	-	349	299	H
4	* 2.39	35.15	RMS		-22.8	.32	44.47	54	-9.53	-	-	349	299	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	Frequenc y (GHz)	Meter Reading (dBuV)	Det	3117(0016 8724)_150 619	Path_2_1 0dB	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/ m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarit y	Marker
1	* 2.39	38.28	Pk	31.7	-19.5	50.48	-	-	74	-23.52	360	295	V	1
2	* 2.389	40.93	Pk	31.7	-19.5	53.13	-	-	74	-20.87	360	295	V	2
3	* 2.39	29.3	RMS	31.7	-19.5	41.5	54	-12.5	-	-	360	295	V	3
4	* 2.39	29.45	RMS	31.7	-19.5	41.65	54	-12.35	-	-	360	295	V	4

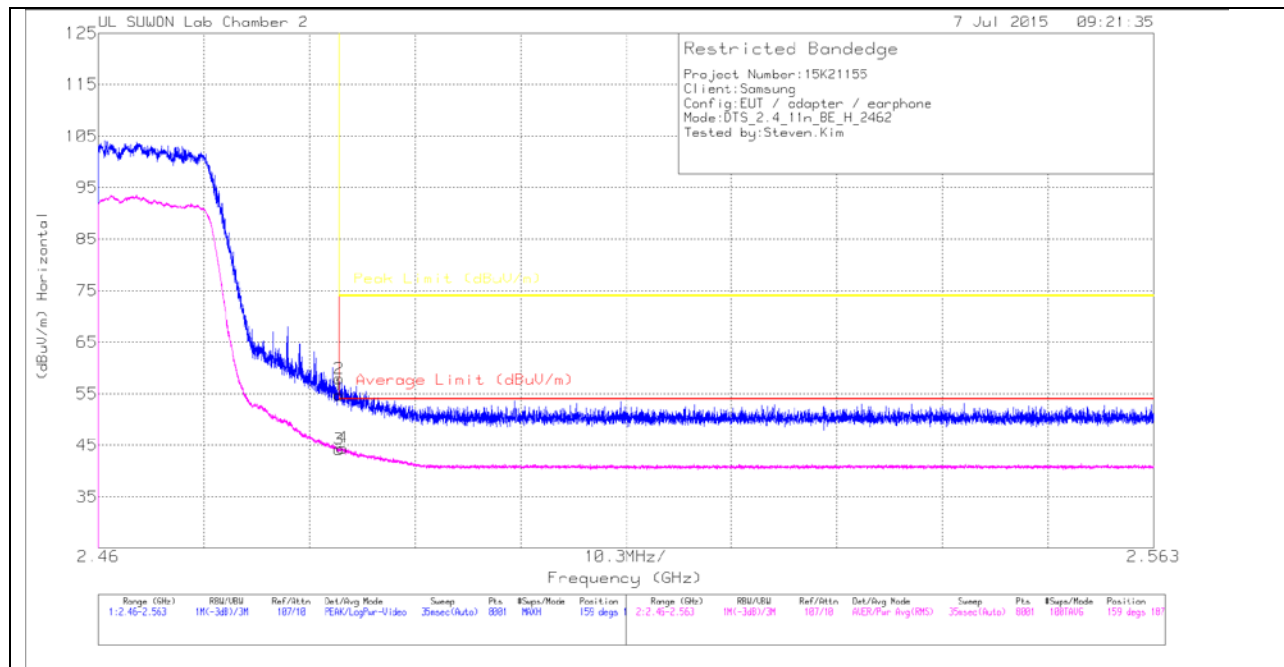
* - indicates frequency in CFR15.205/IC7.2.2 Restricted Band

Pk - Peak detector

RMS - RMS detection

AUTHORIZED BANDEDGE (HIGH CHANNEL)

HORIZONTAL PEAK AND AVERAGE PLOT



HORIZONTAL DATA

TRACE MARKERS

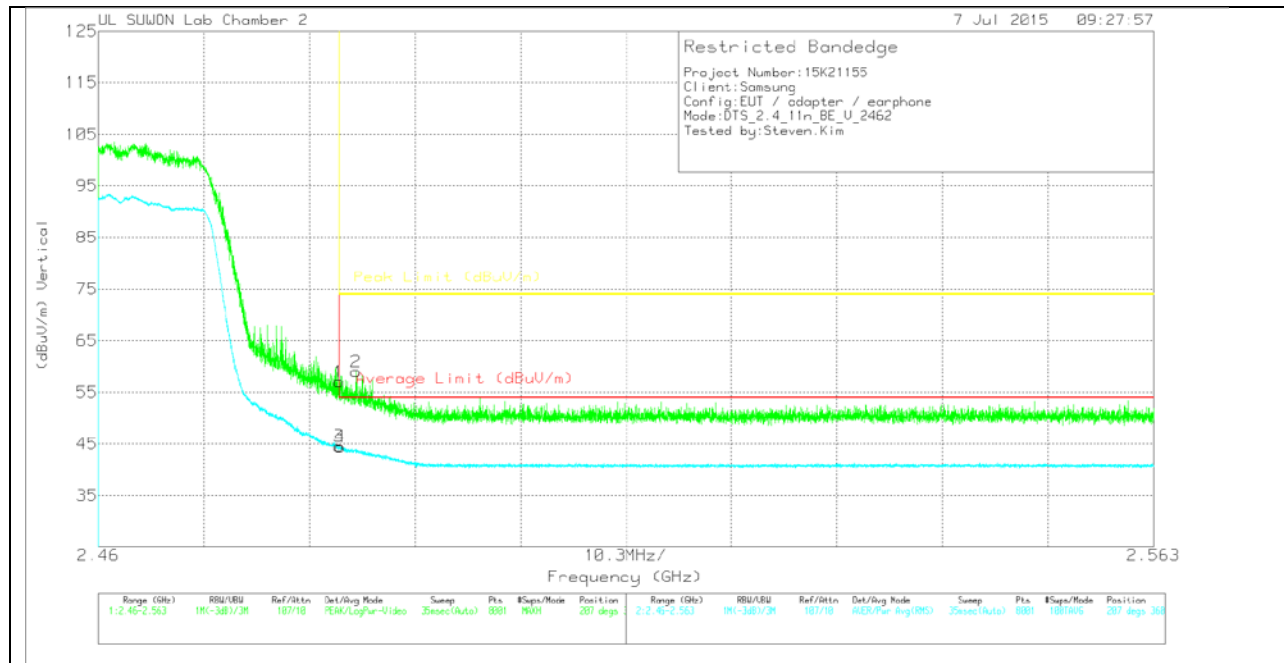
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	3117(001687 24)_150619	Path_2_10d B	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.484	42.34	Pk	31.8	-19.4	0	54.74	-	-	74	-19.26	159	187	H
2	* 2.484	45.51	Pk	31.8	-19.4	0	57.91	-	-	74	-16.09	159	187	H
3	* 2.484	31.51	RMS	31.8	-19.4	.32	44.23	54	-9.77	-	-	159	187	H
4	* 2.484	31.73	RMS	31.8	-19.4	.32	44.45	54	-9.55	-	-	159	187	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(00168724)_150619	Path_2_10dB	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.484	44.66	Pk	31.8	-19.4	0	57.06	-	-	74	-16.94	207	360	V
2	* 2.485	46.57	Pk	31.8	-19.4	0	58.97	-	-	74	-15.03	207	360	V
3	* 2.484	31.84	RMS	31.8	-19.4	.32	44.56	54	-9.44	-	-	207	360	V
4	* 2.484	31.72	RMS	31.8	-19.4	.32	44.44	54	-9.56	-	-	207	360	V

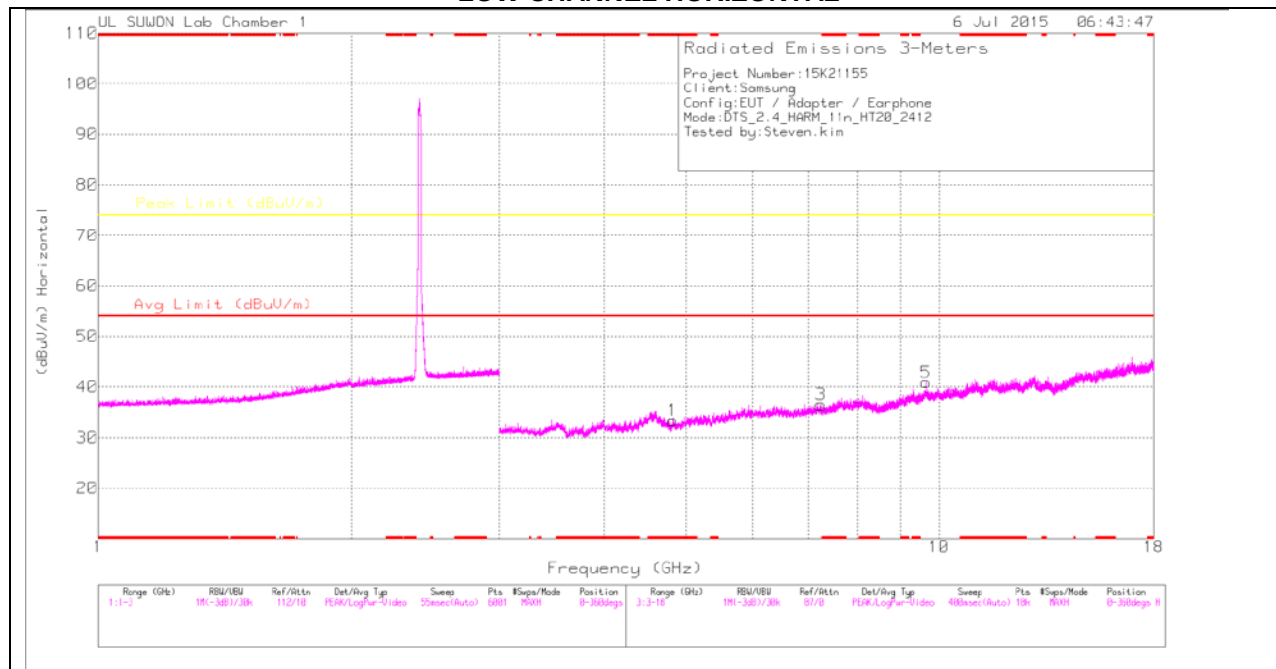
* - indicates frequency in CFR15.205/IC7.2.2 Restricted Band

Pk - Peak detector

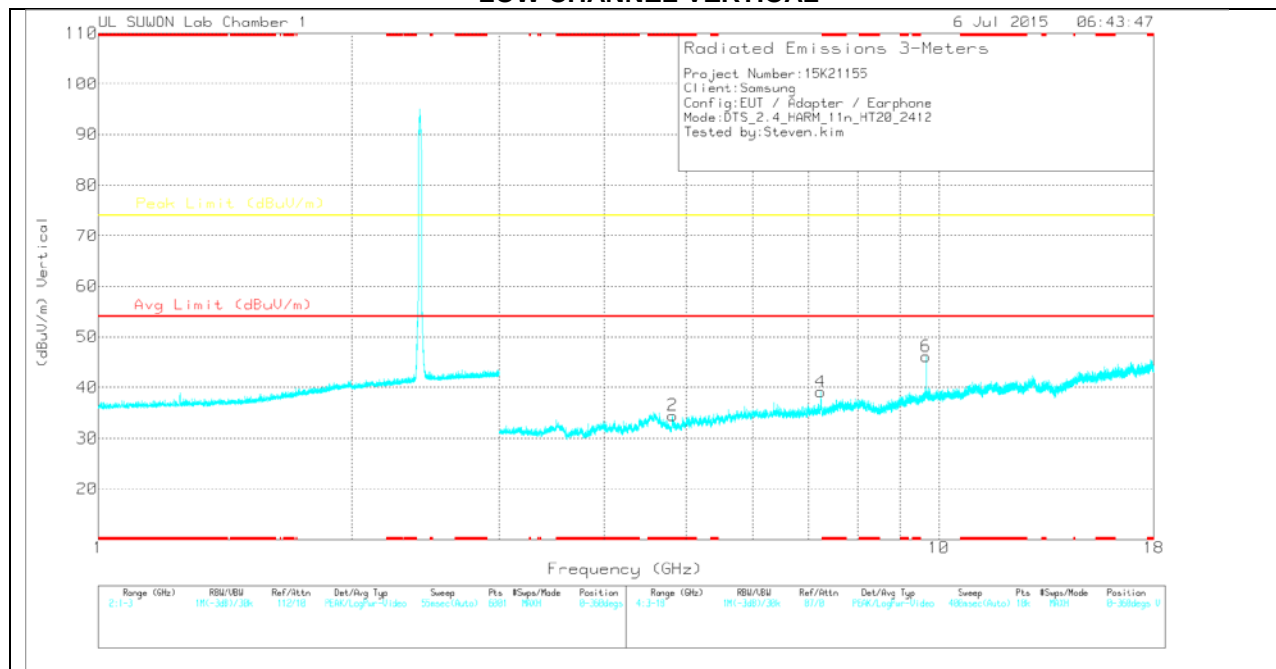
RMS - RMS detection

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	* 4.824	28.97	PK	34	-29.6	0	33.37	-	-	74	-40.63	0-360	100	H
3	7.234	26.32	PK	35.7	-25.5	0	36.52	-	-	-	-	0-360	100	H
5	9.648	24.62	PK	37.1	-20.8	0	40.92	-	-	-	-	0-360	200	H
2	* 4.823	30.1	PK	34	-29.6	0	34.5	-	-	74	-39.5	0-360	200	V
4	7.23	28.96	PK	35.7	-25.5	0	39.16	-	-	-	-	0-360	100	V
6	9.647	29.86	PK	37.1	-20.8	0	46.16	-	-	-	-	0-360	100	V

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

PK – Peak detector

Radiated Emissions

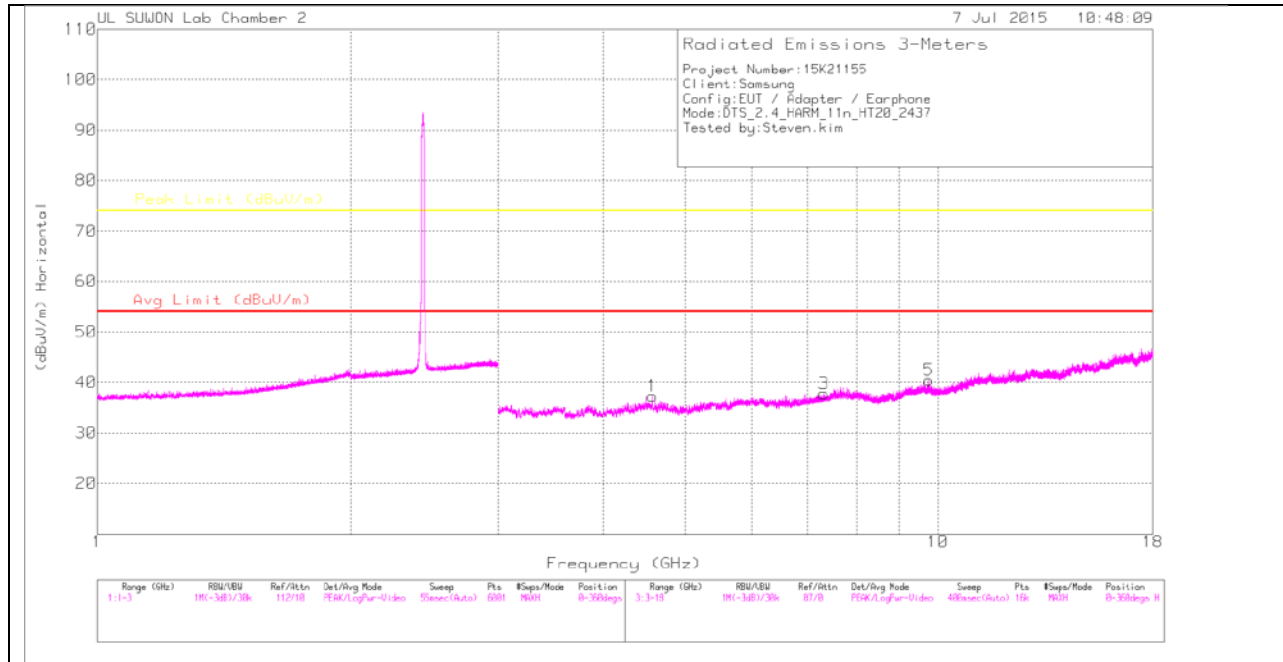
Frequency (GHz)	Meter Reading (dBuV)	Det	3117(001 68717)_1 50619	Path_3_3 GHP	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
* 4.821	36.26	PK2	34	-29.6	0	40.66	-	-	74	-33.34	178	388	H
* 4.833	26.96	MAv1	34	-29.4	.32	31.88	54	-22.12	-	-	178	388	H
7.23	33.04	PK2	35.7	-25.5	0	43.24	-	-	-	-	267	339	H
9.648	32.1	PK2	37.1	-20.8	0	48.4	-	-	-	-	323	395	H
* 4.822	39.2	PK2	34	-29.6	0	43.6	-	-	74	-30.4	358	328	V
* 4.825	28.46	MAv1	34	-29.6	.32	33.18	54	-20.82	-	-	358	328	V
7.227	33.08	PK2	35.7	-25.5	0	43.28	-	-	-	-	181	342	V
9.648	34.69	PK2	37.1	-20.8	0	50.99	-	-	-	-	258	268	V

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

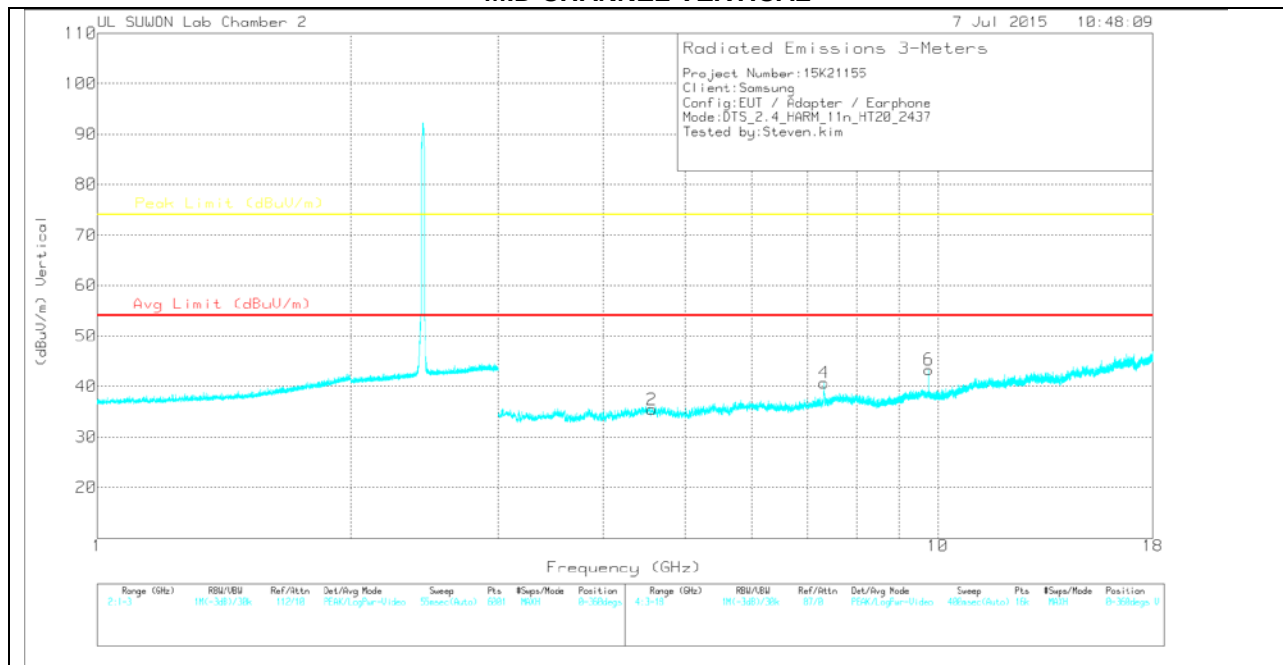
PK2 - KDB558074 Method: Maximum Peak

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 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	* 4.574	29.08	PK	33.8	-25.6	0	37.28	-	-	74	-36.72	0-360	200	H
3	* 7.309	24.48	PK	35.9	-22.6	0	37.78	-	-	74	-36.22	0-360	200	H
5	9.748	22.75	PK	37	-19.3	0	40.45	-	-	-	-	0-360	200	H
2	* 4.566	27.24	PK	33.8	-25.6	0	35.44	-	-	74	-38.56	0-360	200	V
4	* 7.312	27.42	PK	35.9	-22.6	0	40.72	-	-	74	-33.28	0-360	200	V
6	9.748	25.62	PK	37	-19.3	0	43.32	-	-	-	-	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
* 7.308	40.27	PK2	35.9	-22.6	0	53.57	-	-	74	-20.43	211	302	H
* 7.31	22.57	MAV1	35.9	-22.6	.32	36.19	54	-17.81	-	-	211	302	H
* 7.311	35.68	PK2	35.9	-22.6	0	48.98	-	-	74	-25.02	236	387	V
* 7.308	22.07	MAV1	35.9	-22.6	.32	35.69	54	-18.31	-	-	236	387	V
9.748	32.85	PK2	37	-19.3	0	50.55	-	-	-	-	294	314	H
9.748	33.21	PK2	37	-19.3	0	50.91	-	-	-	-	78	308	V

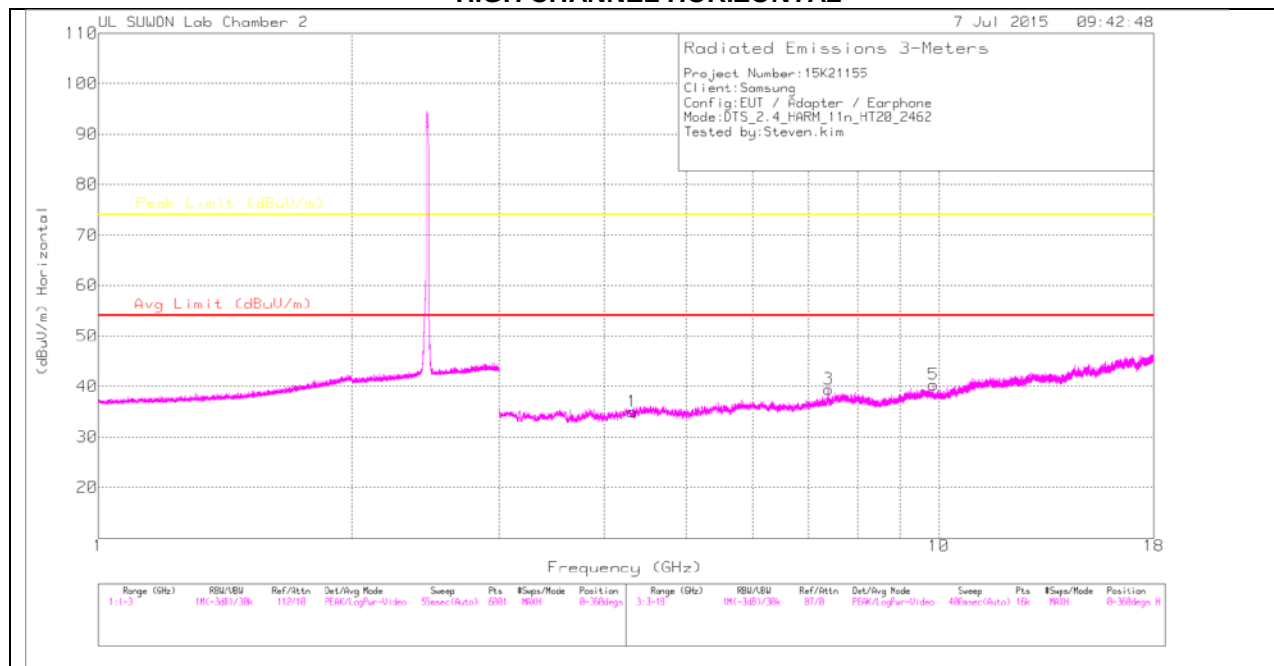
* - indicates frequency in CFR15.205/IC7.2.2 Restricted Band

PK - Peak detector

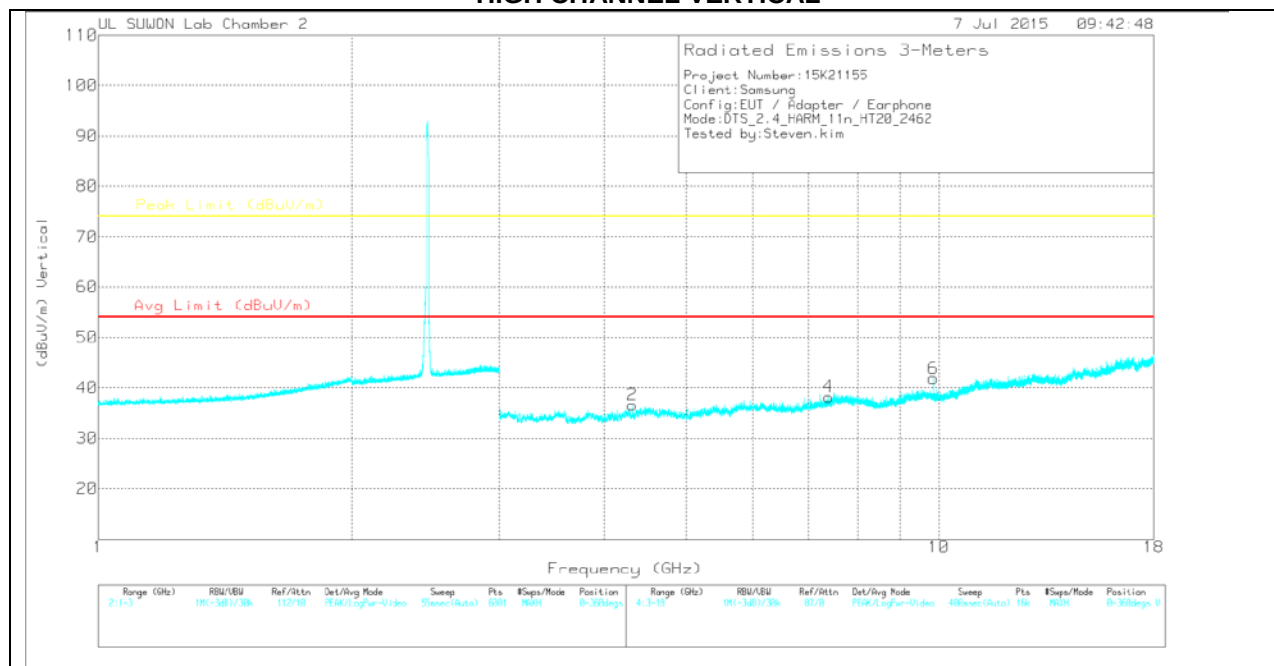
PK2 - KDB558074 Method: Maximum Peak

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	* 4.317	26.5	PK	33.6	-25.1	0	35	-	-	74	-39	0-360	200	H
3	* 7.391	25.77	PK	35.9	-22.2	0	39.47	-	-	74	-34.53	0-360	200	H
5	9.848	22.46	PK	37.1	-19.2	0	40.36	-	-	-	-	0-360	200	H
2	* 4.318	28.12	PK	33.6	-25.1	0	36.62	-	-	74	-37.38	0-360	200	V
4	* 7.387	24.52	PK	35.9	-22.2	0	38.22	-	-	74	-35.78	0-360	200	V
6	9.848	23.96	PK	37.1	-19.2	0	41.86	-	-	-	-	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
* 7.389	34.88	PK2	35.9	-22.2	0	48.58	-	-	74	-25.42	181	165	H
* 7.39	22.69	MAv1	35.9	-22.2	.32	36.71	54	-17.29	-	-	181	165	H
* 7.392	35.35	PK2	35.9	-22.1	0	49.15	-	-	74	-24.85	117	379	V
* 7.39	22.02	MAv1	35.9	-22.2	.32	36.04	54	-17.96	-	-	117	379	V
9.848	32.87	PK2	37.1	-19.2	0	50.77	-	-	-	-	308	238	H
9.848	33.72	PK2	37.1	-19.2	0	51.62	-	-	-	-	251	287	V

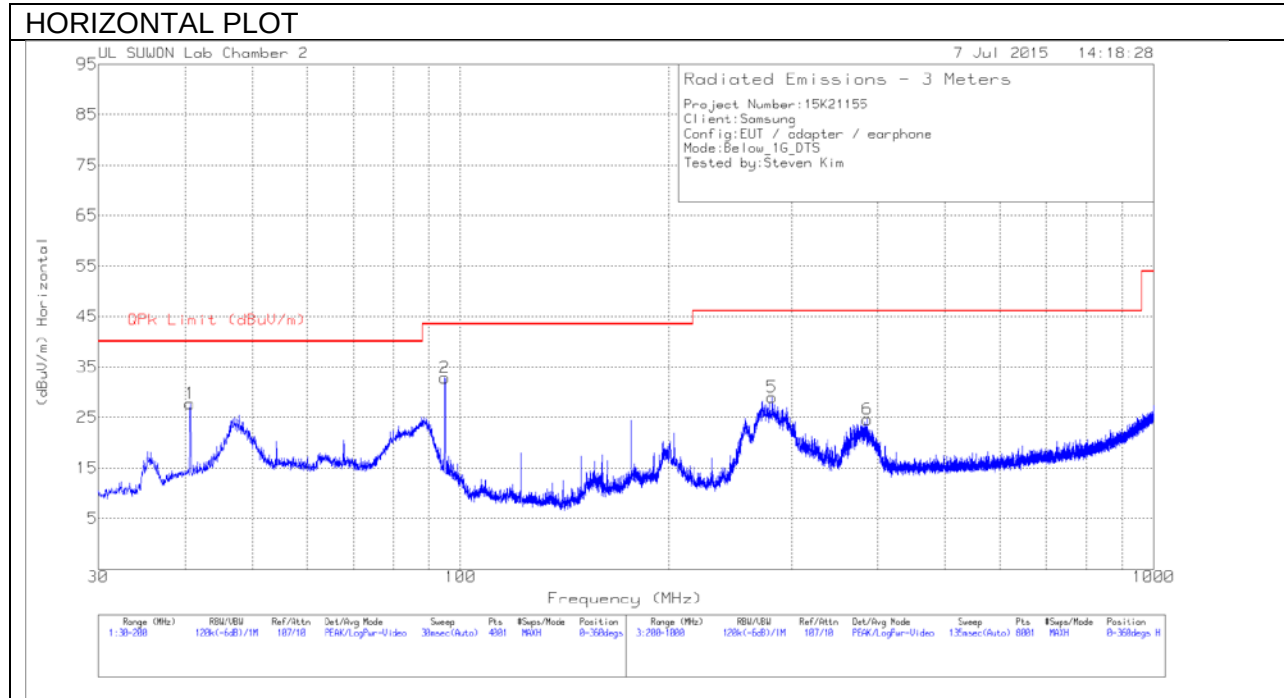
* - indicates frequency in CFR15.205/IC7.2.2 Restricted Band

PK2 - KDB558074 Method: Maximum Peak

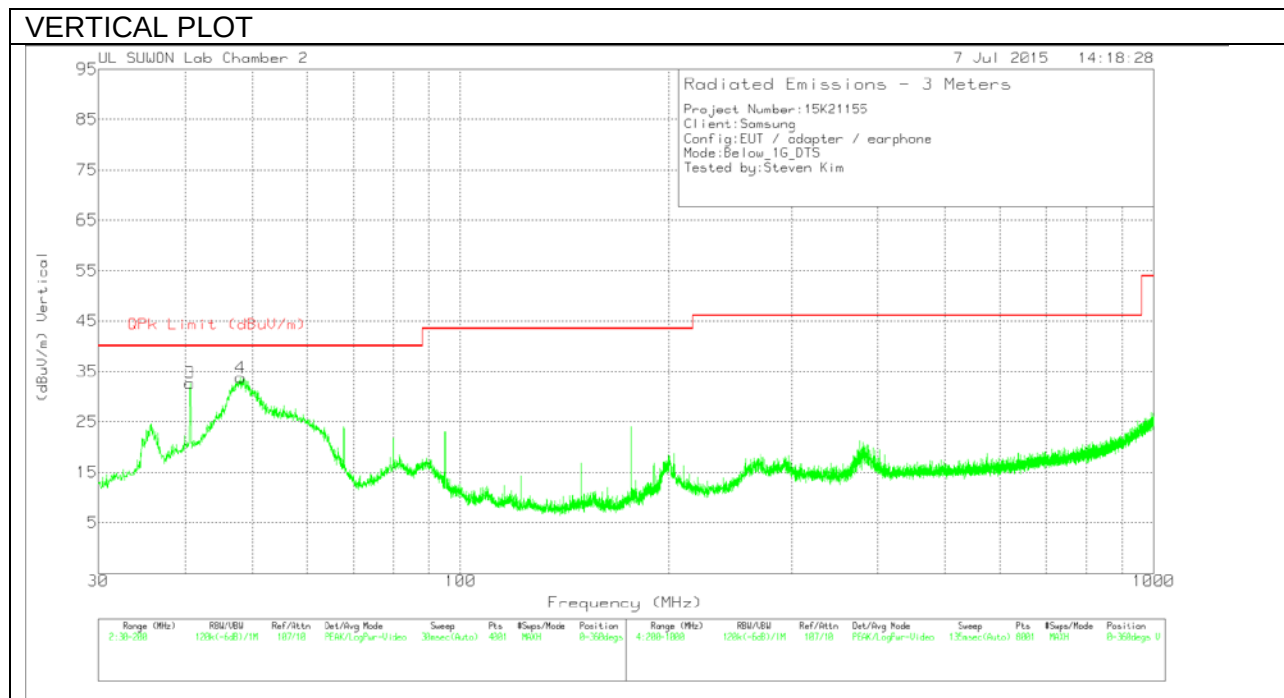
MAv1 - KDB558074 Option 1 Maximum RMS Average

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	40.6675	45.64	Pk	12.9	-30.8	27.74	40	-12.26	0-360	300	H
2	94.8975	52.84	Pk	10.6	-30.6	32.84	43.52	-10.68	0-360	300	H
3	40.6675	50.6	Pk	12.9	-30.8	32.7	40	-7.3	0-360	100	V
4	48.1475	50.52	Pk	14	-30.8	33.72	40	-6.28	0-360	100	V
5	281.5	45.9	Pk	13.1	-30	29	46.02	-17.02	0-360	101	H
6	386.6	39.43	Pk	15	-29.8	24.63	46.02	-21.39	0-360	101	H

* - 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.

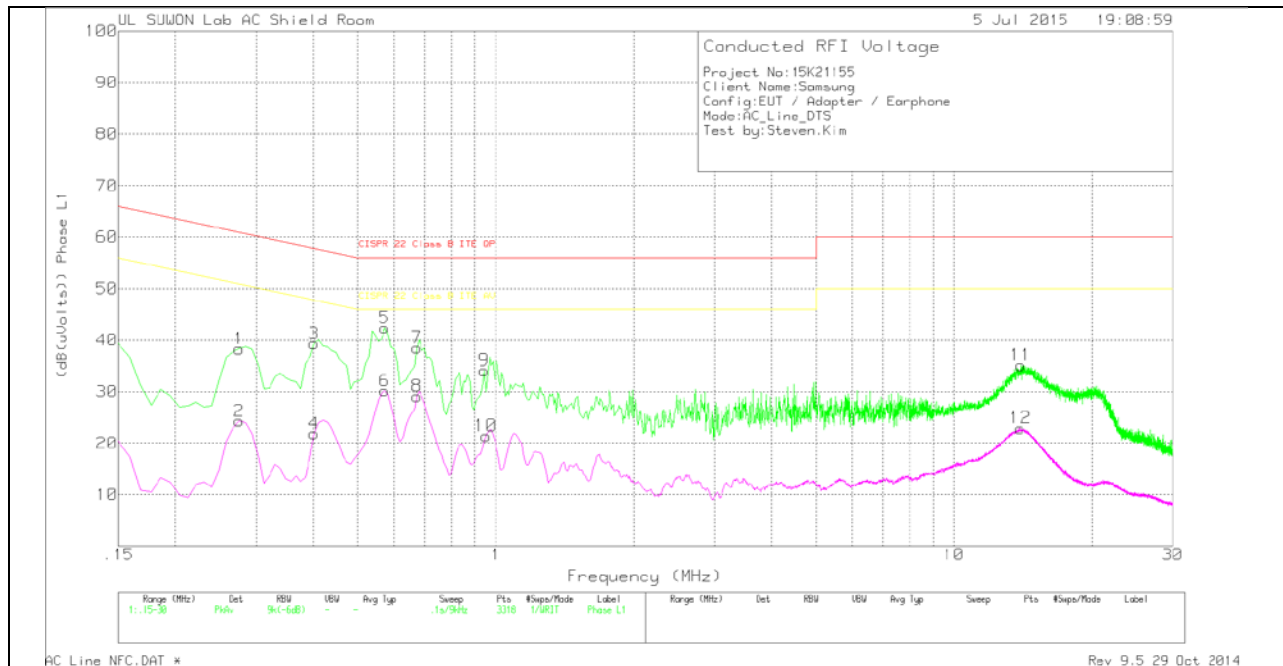
The receiver is set to a resolution bandwidth of 9 kHz. Peak detection is used unless otherwise noted as quasi-peak or average.

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

RESULTS

6 WORST EMISSIONS

LINE 1 PLOT



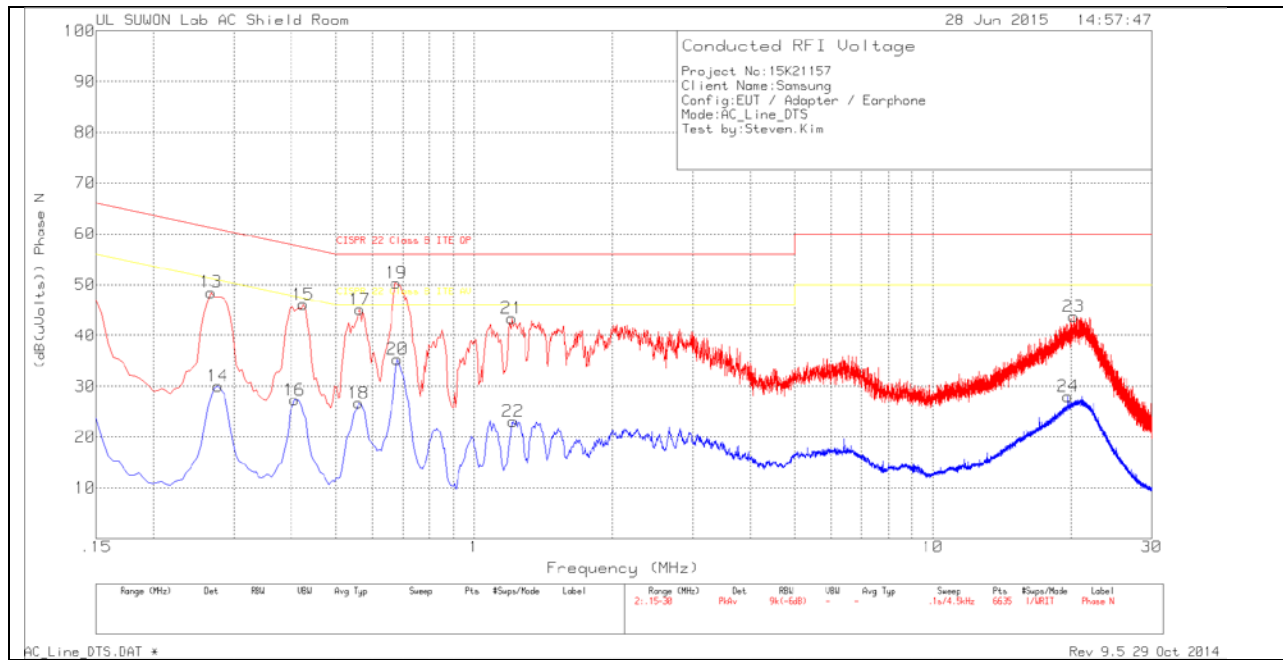
LINE 1 RESULTS

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	.276	28.52	Pk	9.8	0	38.32	60.94	-22.62	-	-
2	.276	14.53	Av	9.8	0	24.33	-	-	50.94	-26.61
3	.402	29.23	Pk	10.1	0	39.33	57.81	-18.48	-	-
4	.402	11.75	Av	10.1	0	21.85	-	-	47.81	-25.96
5	.573	32.28	Pk	10.1	0	42.38	56	-13.62	-	-
6	.573	20.07	Av	10.1	0	30.17	-	-	46	-15.83
7	.672	28.42	Pk	10.1	0	38.52	56	-17.48	-	-
8	.672	19.03	Av	10.1	0	29.13	-	-	46	-16.87
9	.942	24.24	Pk	9.9	0	34.14	56	-21.86	-	-
10	.951	11.52	Av	9.9	0	21.42	-	-	46	-24.58
11	13.974	24.84	Pk	10.1	.2	35.14	60	-24.86	-	-
12	13.956	12.61	Av	10.1	.2	22.91	-	-	50	-27.09

Pk - Peak detector

Av - Average detection

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