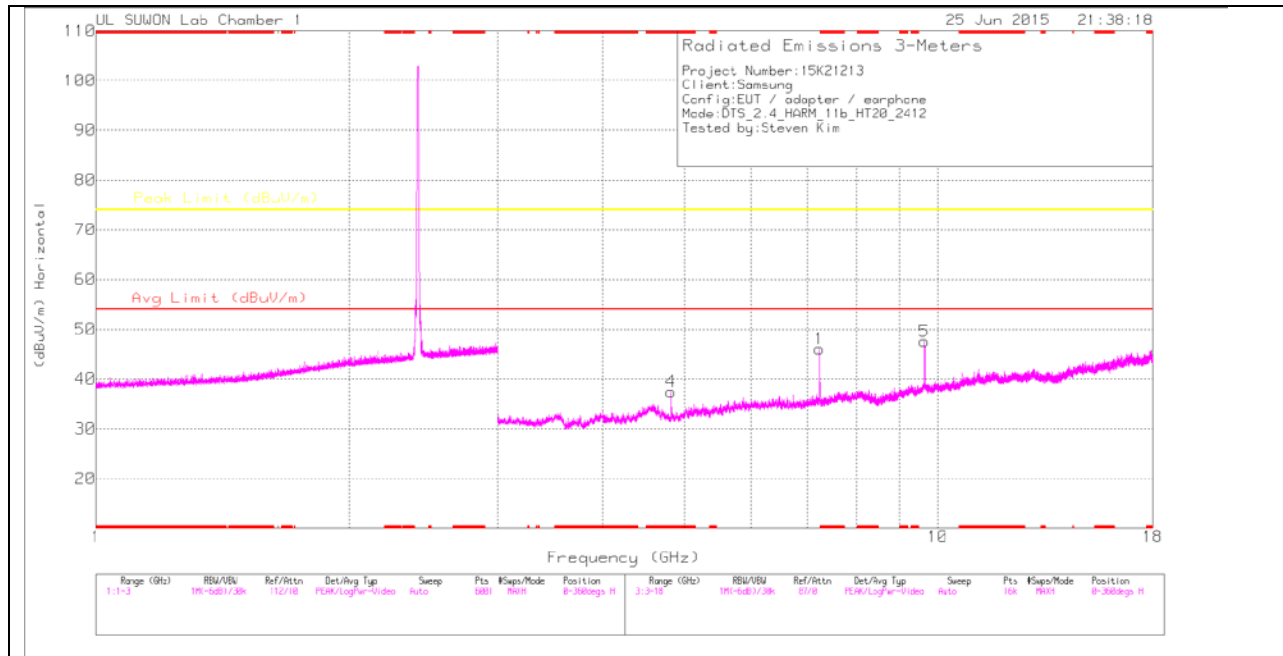
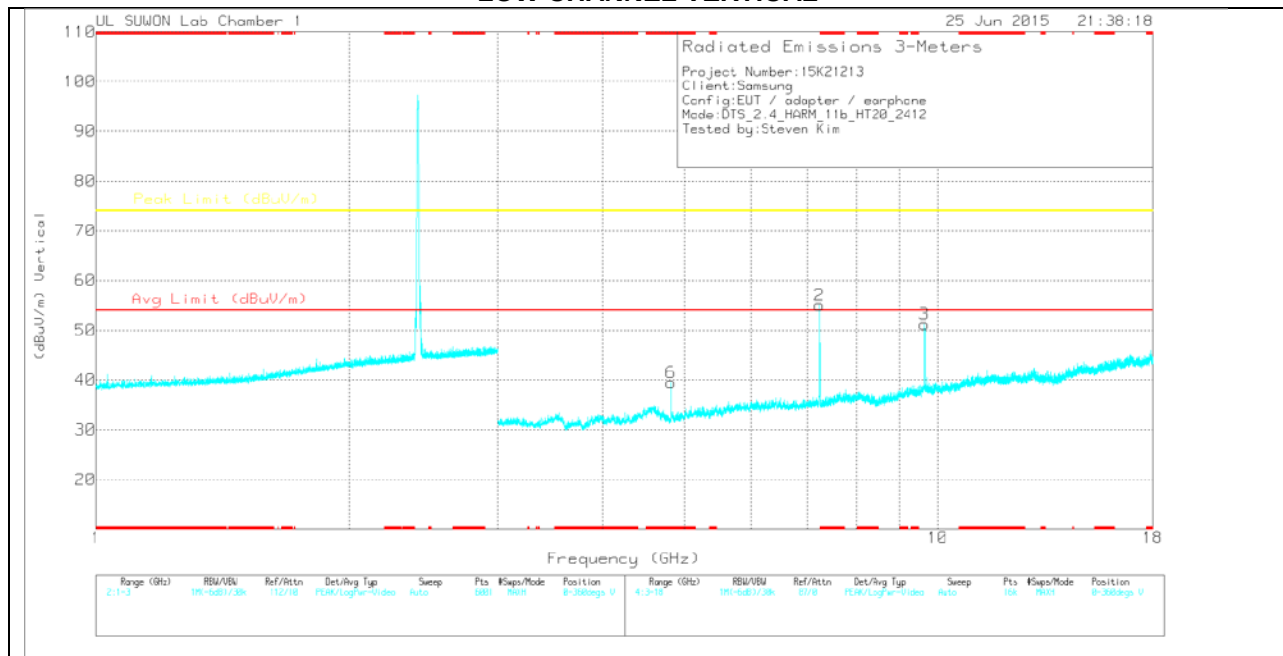


HARMONICS AND SPURIOUS EMISSIONS

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	7.237	35.88	PK	35.7	-25.5	0	46.08	-	-	-	-	0-360	200	H
4	* 4.824	33.07	PK	34	-29.6	0	37.47	-	-	74	-36.53	0-360	100	H
5	9.648	31.31	PK	37.1	-20.8	0	47.61	-	-	-	-	0-360	200	H
2	7.235	44.84	PK	35.7	-25.5	0	55.04	-	-	-	-	0-360	100	V
3	9.648	34.91	PK	37.1	-20.8	0	51.21	-	-	-	-	0-360	100	V
6	* 4.824	35.03	PK	34	-29.6	0	39.43	-	-	74	-34.57	0-360	100	V

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

PK – Peak detector

Radiated Emissions

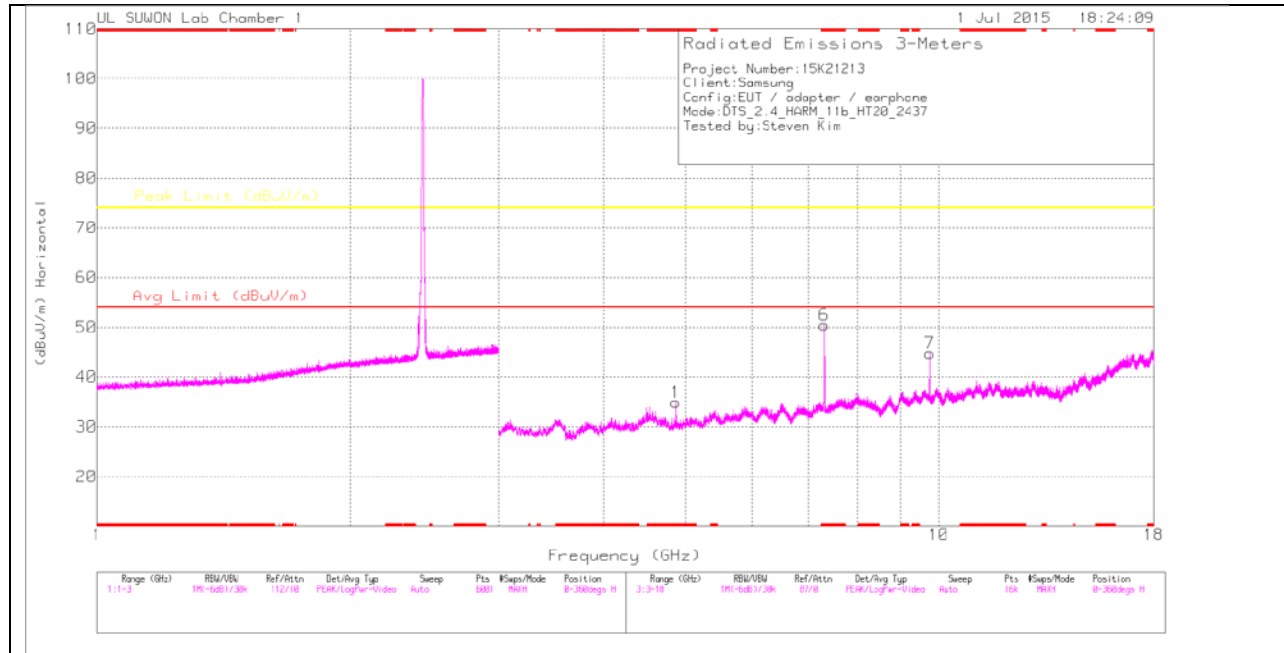
Frequency (GHz)	Meter Reading (dBuV)	Det	3117(001 68717)_1 50619	Path_3_3 GHP	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
7.235	42.35	PK2	35.7	-25.5	0	52.55	-	-	-	-	203	199	H
7.235	31.95	MAv1	35.7	-25.5	0	42.15	-	-	-	-	203	199	H
* 4.825	40.92	PK2	34	-29.6	0	45.32	-	-	74	-28.68	167	204	H
* 4.824	31.39	MAv1	34	-29.6	0	35.79	54	-18.21	-	-	167	204	H
9.649	36.1	PK2	37.1	-20.8	0	52.4	-	-	-	-	281	257	H
9.649	28.29	MAv1	37.1	-20.8	0	44.59	-	-	-	-	281	257	H
7.235	50.42	PK2	35.7	-25.5	0	60.62	-	-	-	-	208	101	V
7.235	41.76	MAv1	35.7	-25.5	0	51.96	-	-	-	-	208	101	V
9.649	39	PK2	37.1	-20.8	0	55.3	-	-	-	-	204	219	V
9.649	34.61	MAv1	37.1	-20.8	0	50.91	-	-	-	-	204	219	V
* 4.824	43.89	PK2	34	-29.6	0	48.29	-	-	74	-25.71	180	117	V
* 4.824	36.19	MAv1	34	-29.6	0	40.59	54	-13.41	-	-	180	117	V

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

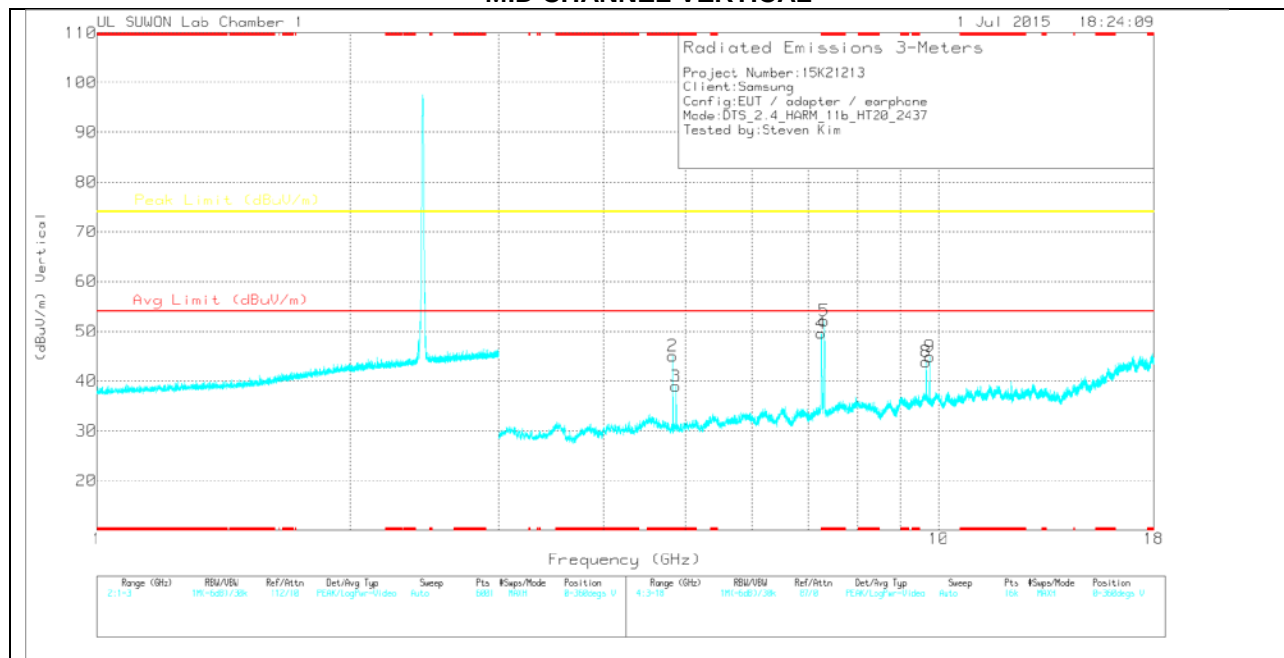
PK2 - KDB558074 Method: Maximum Peak

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	* 4.874	30.14	PK	34	-29.2	0	34.94	-	-	74	-39.06	0-360	100	H
6	* 7.313	40.41	PK	35.8	-25.7	0	50.51	-	-	74	-23.49	0-360	100	H
7	9.75	29.47	PK	37.2	-21.9	0	44.77	-	-	-	-	0-360	100	H
2	* 4.832	40.51	PK	34	-29.5	0	45.01	-	-	74	-28.99	0-360	200	V
3	* 4.874	34.22	PK	34	-29.2	0	39.02	-	-	74	-34.98	0-360	100	V
4	* 7.251	39.54	PK	35.7	-25.6	0	49.64	-	-	74	-24.36	0-360	200	V
5	* 7.312	42.13	PK	35.7	-25.7	0	52.13	-	-	74	-21.87	0-360	200	V
8	9.664	27.76	PK	37.1	-20.9	0	43.96	-	-	-	-	0-360	200	V
9	9.75	29.58	PK	37.2	-21.9	0	44.88	-	-	-	-	0-360	200	V

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

PK – Peak detector

Radiated Emissions

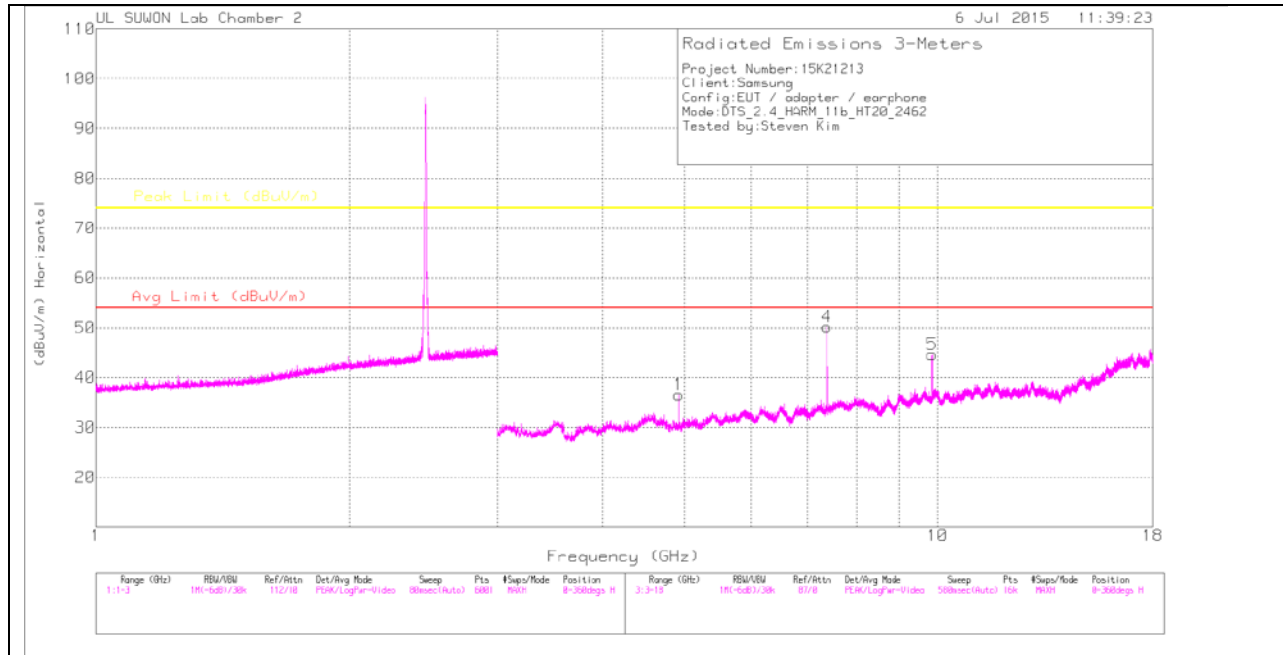
Frequency (GHz)	Meter Reading (dBuV)	Det	3117(0016 8717)_150 619	Path_3_3G HP	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
* 4.875	44.14	PK-U	34	-29.2	0	48.94	-	-	74	-25.06	27	301	H
* 4.875	30.09	ADR	34	-29.2	0	34.89	54	-19.11	-	-	27	301	H
* 7.313	52.27	PK-U	35.8	-25.7	0	62.37	-	-	74	-11.63	339	298	H
* 7.311	37.63	ADR	35.7	-25.7	0	47.63	54	-6.37	-	-	339	298	H
9.749	37.11	PK-U	37.2	-21.9	0	52.41	-	-	-	-	285	242	H
9.75	28.33	ADR	37.2	-21.9	0	43.63	-	-	-	-	285	242	H
* 4.832	47.32	PK-U	34	-29.5	0	51.82	-	-	74	-22.18	20	167	V
* 4.832	26	ADR	34	-29.5	0	30.5	54	-23.5	-	-	20	167	V
* 4.875	51.18	PK-U	34	-29.2	0	55.98	-	-	74	-18.02	19	333	V
* 4.875	36.63	ADR	34	-29.2	0	41.43	54	-12.57	-	-	19	333	V
* 7.251	51.27	PK-U	35.7	-25.6	0	61.37	-	-	74	-12.63	351	304	V
* 7.25	32.28	ADR	35.7	-25.6	0	42.38	54	-11.62	-	-	351	304	V
* 7.312	49.92	PK-U	35.7	-25.7	0	59.92	-	-	74	-14.08	318	227	V
* 7.311	40.35	ADR	35.7	-25.7	0	50.35	54	-3.65	-	-	318	227	V
9.665	34.2	PK-U	37.1	-20.9	0	50.4	-	-	-	-	312	139	V
9.665	19.42	ADR	37.1	-20.9	0	35.62	-	-	-	-	312	139	V
9.75	37.07	PK-U	37.2	-21.9	0	52.37	-	-	-	-	6	264	V
9.75	28.99	ADR	37.2	-21.9	0	44.29	-	-	-	-	6	264	V

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

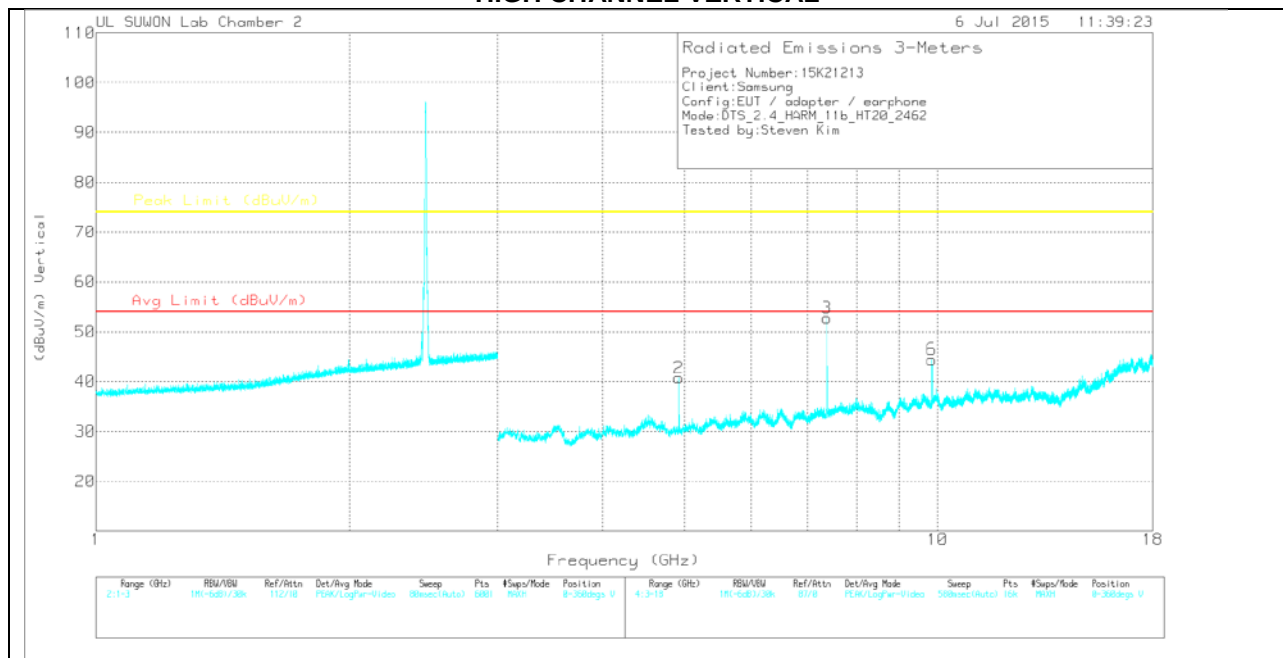
PK2 - KDB558074 Method: Maximum Peak

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	* 4.925	31.56	PK	34	-29	0	36.56	-	-	74	-37.44	0-360	100	H
4	* 7.387	39.56	PK	35.8	-25.1	0	50.26	-	-	74	-23.74	0-360	100	H
5	9.85	28.96	PK	37.3	-21.6	0	44.66	-	-	-	-	0-360	100	H
2	* 4.925	35.8	PK	34	-29	0	40.8	-	-	74	-33.2	0-360	100	V
3	* 7.385	42.03	PK	35.8	-25.1	0	52.73	-	-	74	-21.27	0-360	100	V
6	9.849	28.77	PK	37.3	-21.6	0	44.47	-	-	-	-	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
* 4.925	43.23	PK2	34	-29	0	48.23	-	-	74	-25.77	183	265	H
* 4.925	29.28	MAV1	34	-29	0	34.28	54	-19.72	-	-	183	265	H
* 7.386	48.6	PK2	35.8	-25.1	0	59.3	-	-	74	-14.7	313	180	H
* 7.386	41.55	MAV1	35.8	-25.1	0	52.25	54	-1.75	-	-	313	180	H
9.85	36.07	PK2	37.3	-21.6	0	51.77	-	-	-	-	87	100	H
* 4.925	46.91	PK2	34	-29	0	51.91	-	-	74	-22.09	182	319	V
* 4.925	34.12	MAV1	34	-29	0	39.12	54	-14.88	-	-	182	319	V
* 7.387	49.5	PK2	35.8	-25.1	0	60.2	-	-	74	-13.8	202	205	V
* 7.386	42.03	MAV1	35.8	-25.1	0	52.73	54	-1.27	-	-	202	205	V
9.85	37.72	PK2	37.3	-21.6	0	53.42	-	-	-	-	200	244	V

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

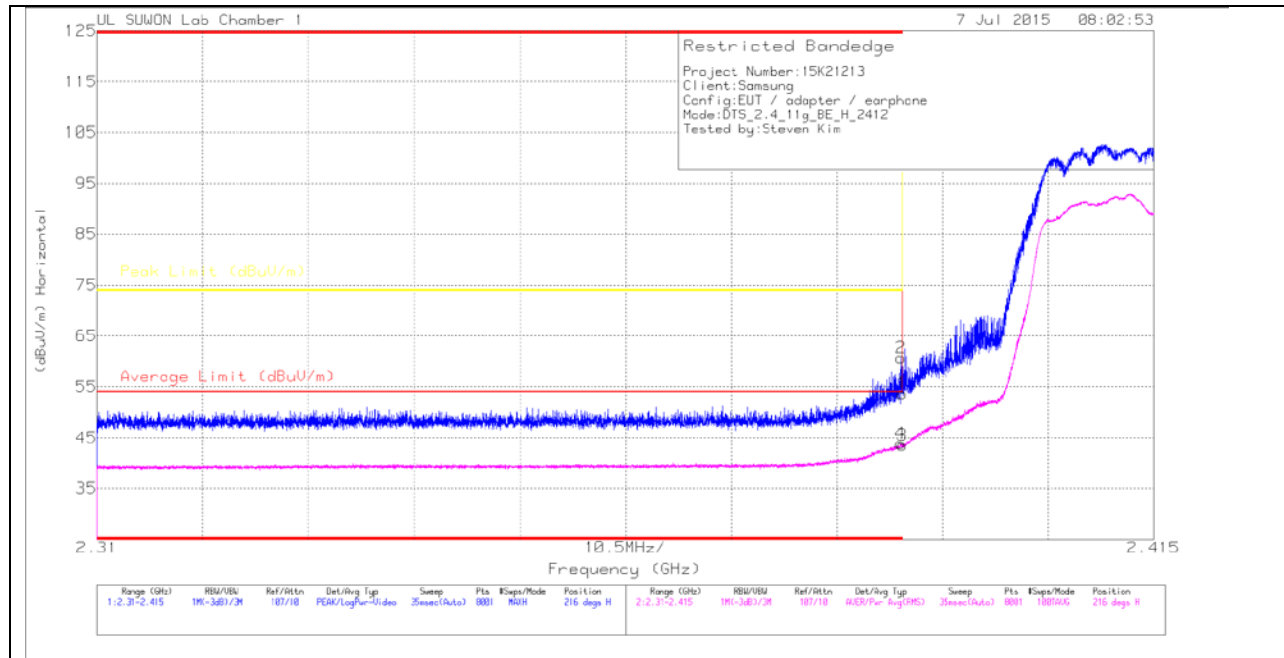
PK2 - KDB558074 Method: Maximum Peak

MAV1 - KDB558074 Option 1 Maximum RMS Average

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

RESTRICTED BANDEDGE (LOW CHANNEL)

HORIZONTAL PEAK AND AVERAGE PLOT



HORIZONTAL DATA

TRACE MARKERS

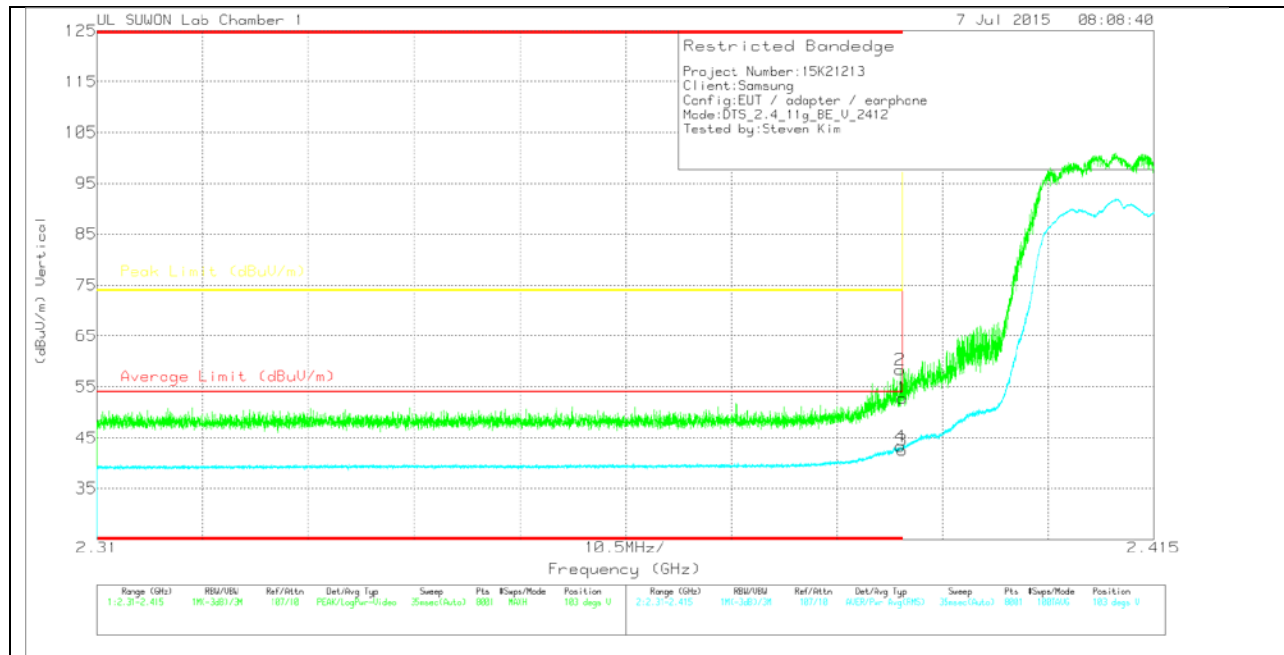
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	3117(00168 717)_15061 9	Path_2_10d B	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.39	44.73	Pk	31.8	-22.8	0	53.73	-	-	74	-20.27	216	103	H
2	* 2.39	51.67	Pk	31.8	-22.8	0	60.67	-	-	74	-13.33	216	103	H
3	* 2.39	34.18	RMS	31.8	-22.8	.3	43.48	54	-10.52	-	-	216	103	H
4	* 2.39	34.6	RMS	31.8	-22.8	.3	43.9	54	-10.1	-	-	216	103	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 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	43.8	Pk	31.8	-22.8	0	52.8	-	-	74	-21.2	103	334	V
2	* 2.39	49.39	Pk	31.8	-22.8	0	58.39	-	-	74	-15.61	103	334	V
3	* 2.39	33.24	RMS	31.8	-22.8	.3	42.54	54	-11.46	-	-	103	334	V
4	* 2.39	33.95	RMS	31.8	-22.8	.3	43.25	54	-10.75	-	-	103	334	V

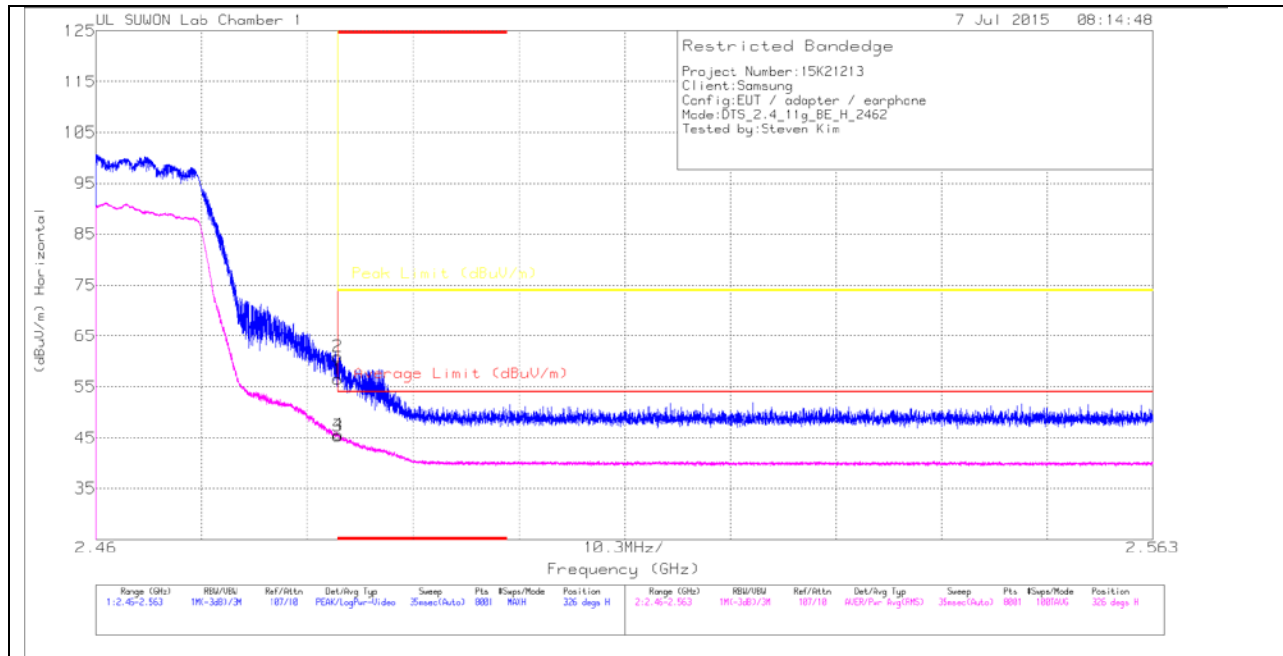
* - indicates frequency in CFR15.205/IC7.2.2 Restricted Band

Pk - Peak detector

RMS - RMS detection

AUTHORIZED BANDEDGE (HIGH CHANNEL)

HORIZONTAL PEAK AND AVERAGE PLOT



HORIZONTAL DATA

TRACE MARKERS

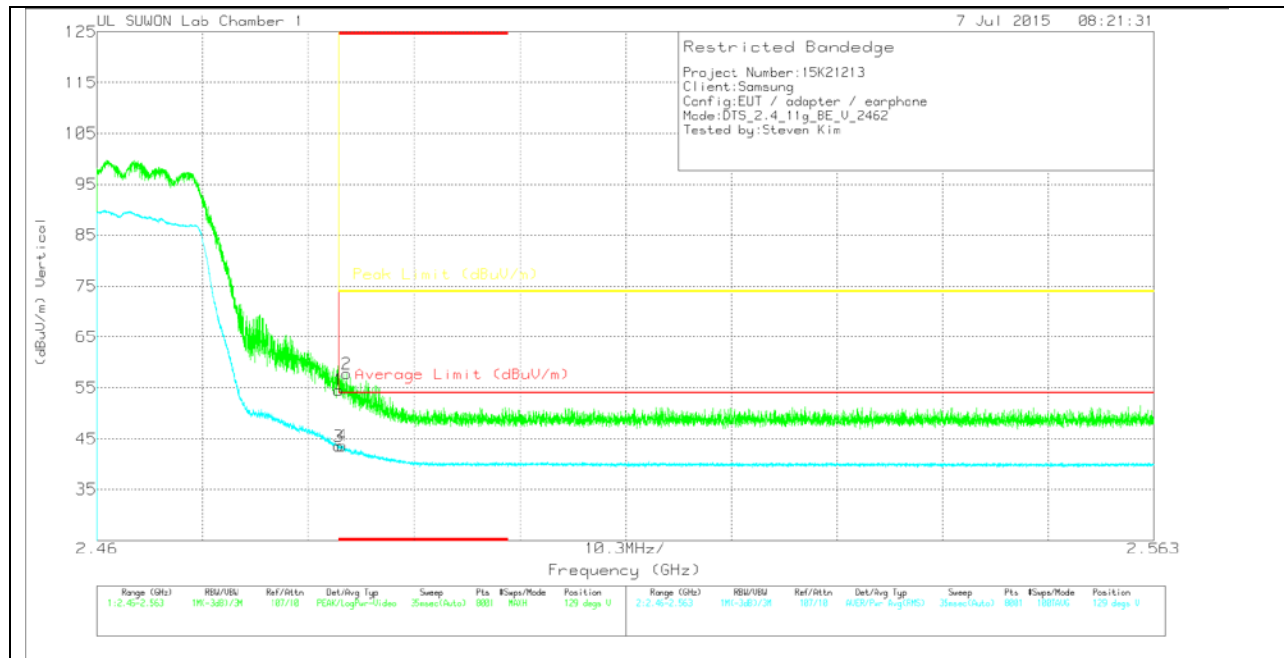
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	3117(00168 717)_15061 9	Path_2_10d B	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.484	47.12	Pk	32	-22.6	0	56.52	-	-	74	-17.48	326	284	H
2	* 2.484	51.58	Pk	32	-22.6	0	60.98	-	-	74	-13.02	326	284	H
3	* 2.484	35.63	RMS	32	-22.6	.3	45.33	54	-8.67	-	-	326	284	H
4	* 2.484	35.95	RMS	32	-22.6	.3	45.65	54	-8.35	-	-	326	284	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 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	* 2.484	45.13	Pk	32	-22.6	0	54.53	-	-	74	-19.47	129	332	V
2	* 2.484	48.37	Pk	32	-22.6	0	57.77	-	-	74	-16.23	129	332	V
3	* 2.484	33.84	RMS	32	-22.6	.3	43.54	54	-10.46	-	-	129	332	V
4	* 2.484	33.89	RMS	32	-22.6	.3	43.59	54	-10.41	-	-	129	332	V

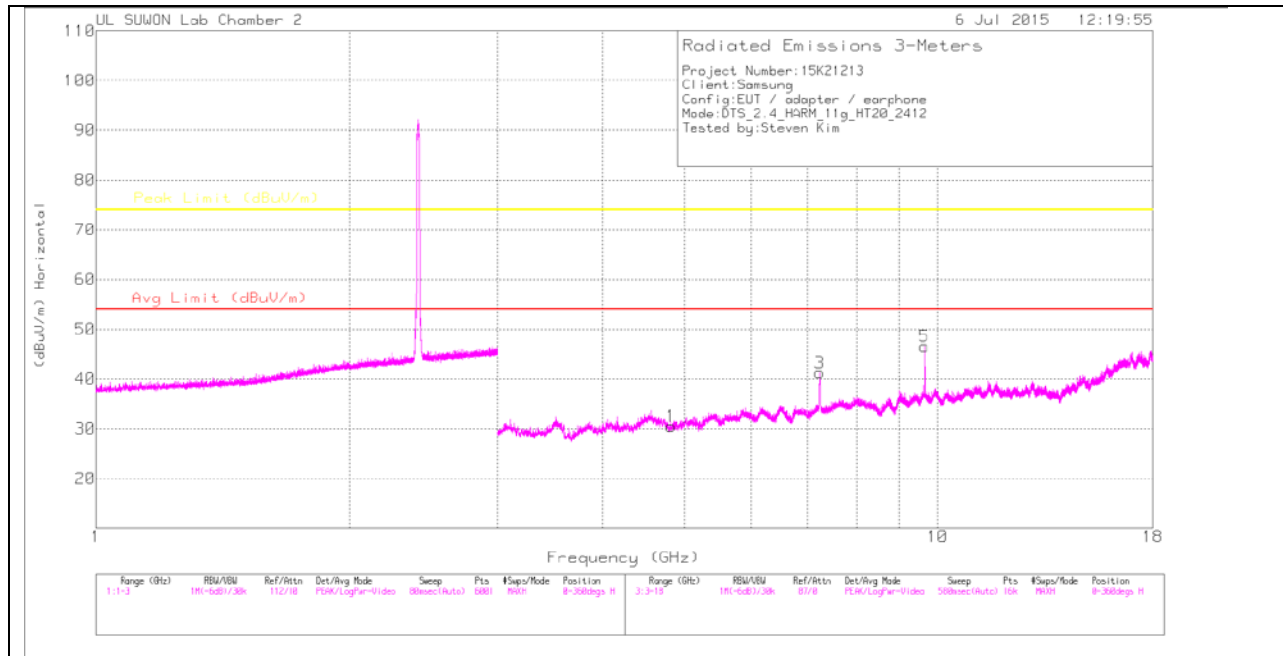
* - indicates frequency in CFR15.205/IC7.2.2 Restricted Band

Pk - Peak detector

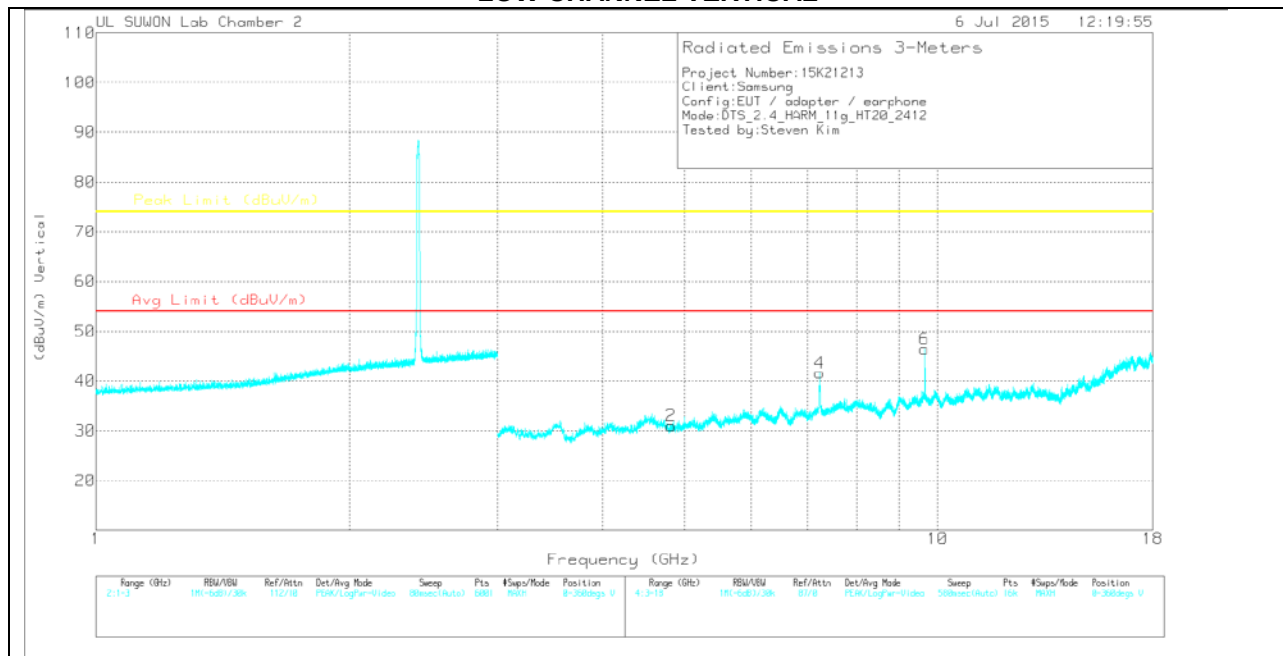
RMS - RMS detection

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	26.15	PK	34	-29.6	0	30.55	-	-	74	-43.45	0-360	100	H
3	7.235	31.08	PK	35.7	-25.5	0	41.28	-	-	-	-	0-360	200	H
5	9.648	30.3	PK	37.1	-20.8	0	46.6	-	-	-	-	0-360	200	H
2	* 4.825	26.47	PK	34	-29.5	0	30.97	-	-	74	-43.03	0-360	200	V
4	7.234	31.46	PK	35.7	-25.5	0	41.66	-	-	-	-	0-360	200	V
6	9.648	30.19	PK	37.1	-20.8	0	46.49	-	-	-	-	0-360	200	V

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

PK – Peak detector

Radiated Emissions

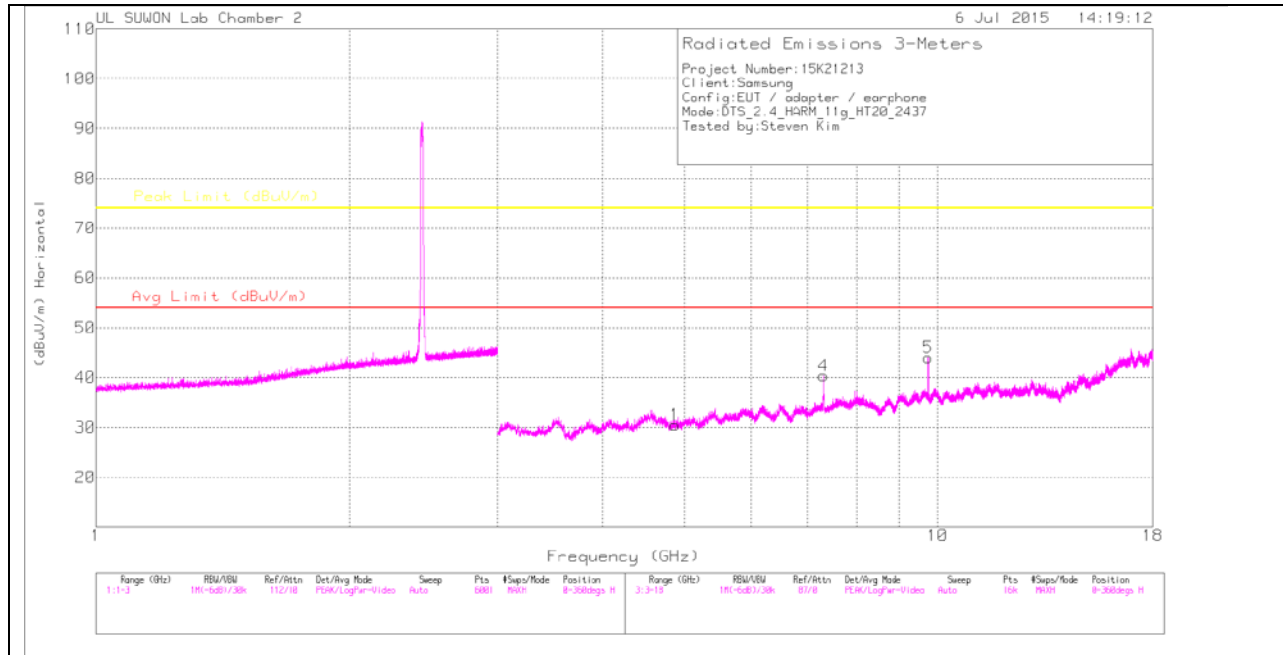
Frequency (GHz)	Meter Reading (dBuV)	Det	3117(0016 8717)_150 619	Path_3_3G HP	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
7.235	46.48	PK2	35.7	-25.5	0	56.68	-	-	-	-	145	306	H
9.648	36.22	PK2	37.1	-20.8	0	52.52	-	-	-	-	154	306	H
7.235	42.26	PK2	35.7	-25.5	0	52.46	-	-	-	-	186	208	V
9.648	35.88	PK2	37.1	-20.8	0	52.18	-	-	-	-	234	186	V

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

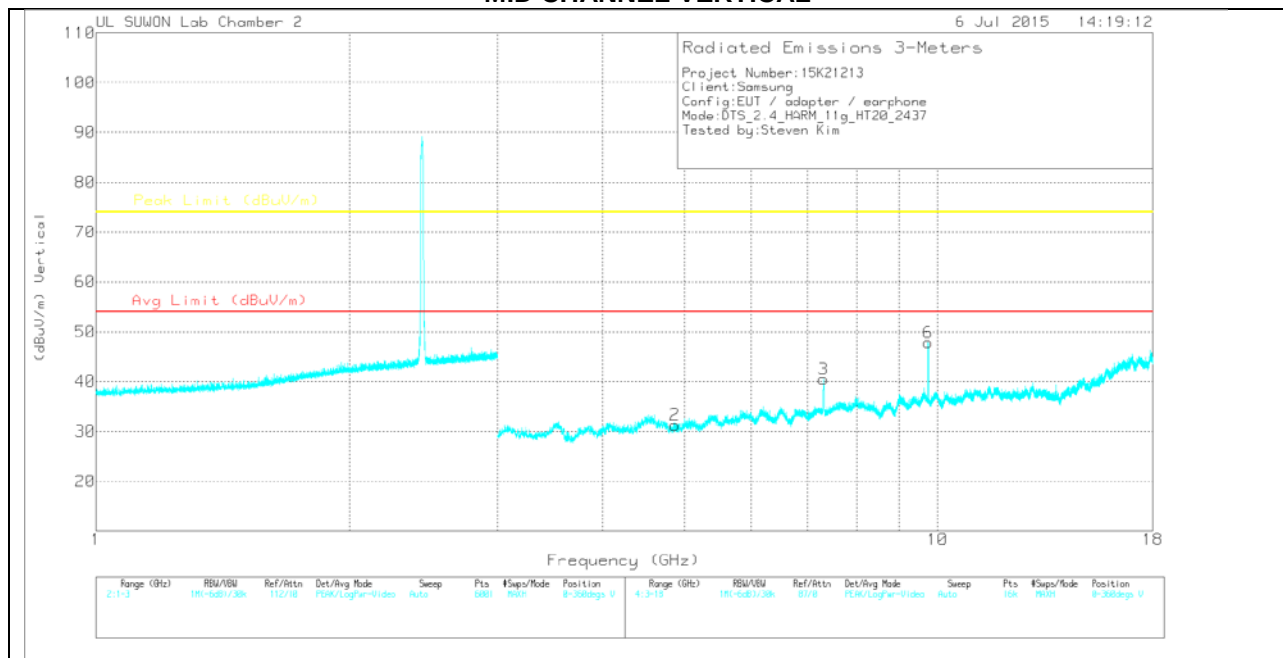
PK2 - KDB558074 Method: Maximum Peak

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	25.7	PK	34	-29.2	0	30.5	-	-	74	-43.5	0-360	100	H
4	* 7.307	30.38	PK	35.7	-25.7	0	40.38	-	-	74	-33.62	0-360	100	H
5	9.748	28.68	PK	37.2	-21.9	0	43.98	-	-	-	-	0-360	100	H
2	* 4.875	26.52	PK	34	-29.2	0	31.32	-	-	74	-42.68	0-360	200	V
3	* 7.312	30.44	PK	35.7	-25.7	0	40.44	-	-	74	-33.56	0-360	200	V
6	9.748	32.5	PK	37.2	-21.9	0	47.8	-	-	-	-	0-360	200	V

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

PK – Peak detector

Radiated Emissions

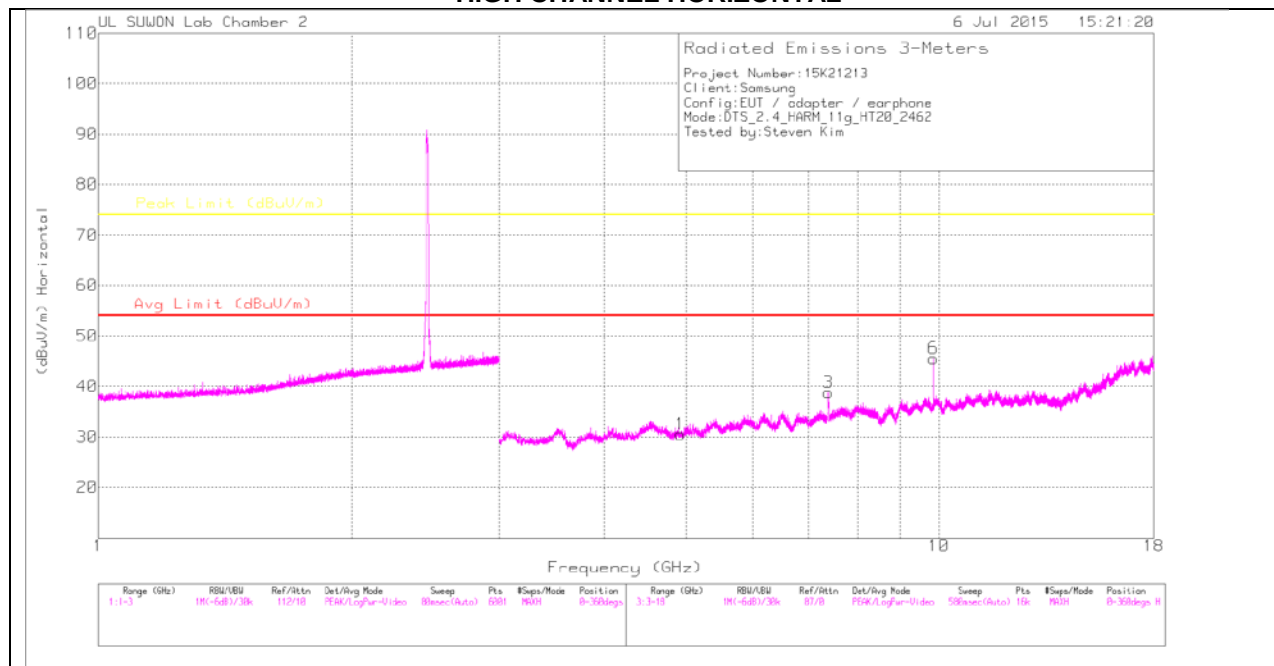
Frequency (GHz)	Meter Reading (dBuV)	Det	3117(0016 8717)_150 619	Path_3_3 GHP	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
* 7.308	41.49	PK2	35.7	-25.7	0	51.49	-	-	74	-22.51	309	140	H
* 7.308	27.37	MAV1	35.7	-25.7	.3	37.67	54	-16.33	-	-	309	140	H
9.748	36.68	PK2	37.2	-21.9	0	51.98	-	-	-	-	84	185	H
* 7.313	44.95	PK2	35.8	-25.7	0	55.05	-	-	74	-18.95	300	181	H
* 7.313	28.48	MAV1	35.8	-25.7	.3	38.88	54	-15.12	-	-	300	181	H
9.748	38.17	PK2	37.2	-21.9	0	53.47	-	-	-	-	206	328	V

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

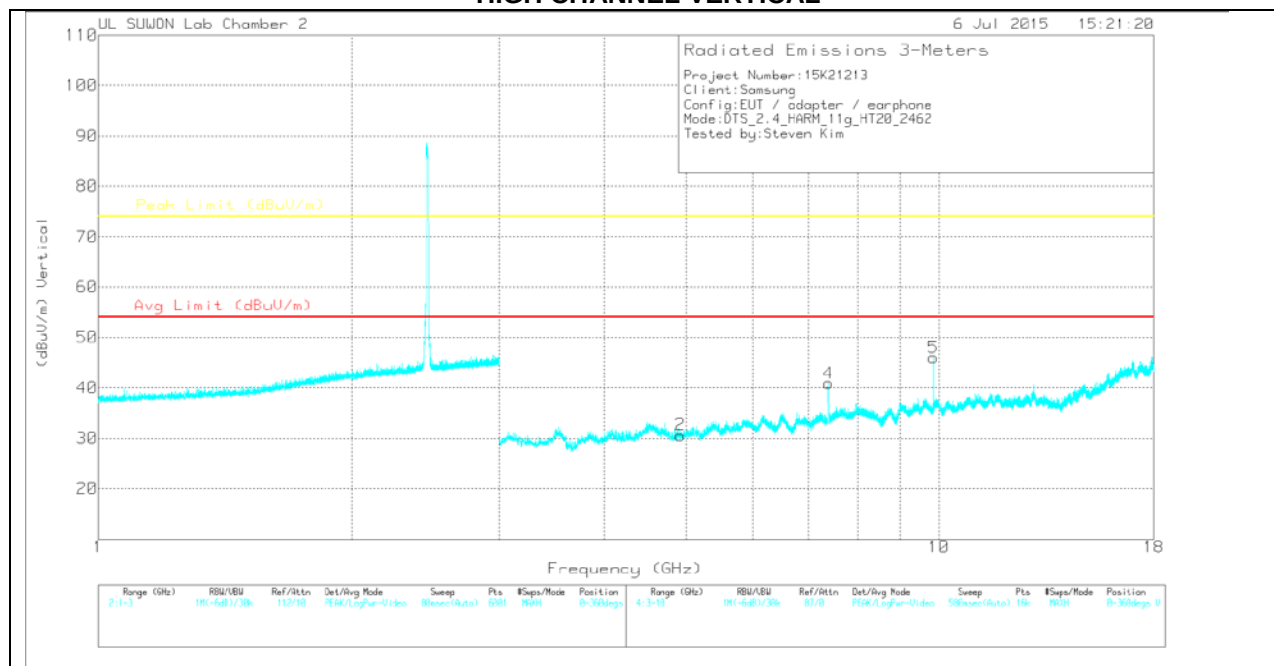
PK2 - KDB558074 Method: Maximum Peak

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	25.55	PK	34	-29	0	30.55	-	-	74	-43.45	0-360	100	H
3	* 7.384	28.1	PK	35.8	-25.1	0	38.8	-	-	74	-35.2	0-360	100	H
6	9.848	29.86	PK	37.3	-21.6	0	45.56	-	-	-	-	0-360	100	H
2	* 4.925	25.65	PK	34	-29	0	30.65	-	-	74	-43.35	0-360	100	V
4	* 7.389	30.22	PK	35.8	-25.1	0	40.92	-	-	74	-33.08	0-360	100	V
5	9.848	30.29	PK	37.3	-21.6	0	45.99	-	-	-	-	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	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
* 7.385	44.22	PK2	35.8	-25.1	0	54.92	-	-	74	-19.08	156	316	H
* 7.385	28.79	MAv1	35.8	-25.1	0	39.49	54	-14.51	-	-	156	316	H
9.848	37.22	PK2	37.3	-21.6	0	52.92	-	-	-	-	105	254	H
* 7.389	43.23	PK2	35.8	-25.1	0	53.93	-	-	74	-20.07	200	195	V
* 7.387	27.99	MAv1	35.8	-25.1	0	38.69	54	-15.31	-	-	200	195	V
9.848	39.15	PK2	37.3	-21.6	0	54.85	-	-	-	-	197	339	V

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

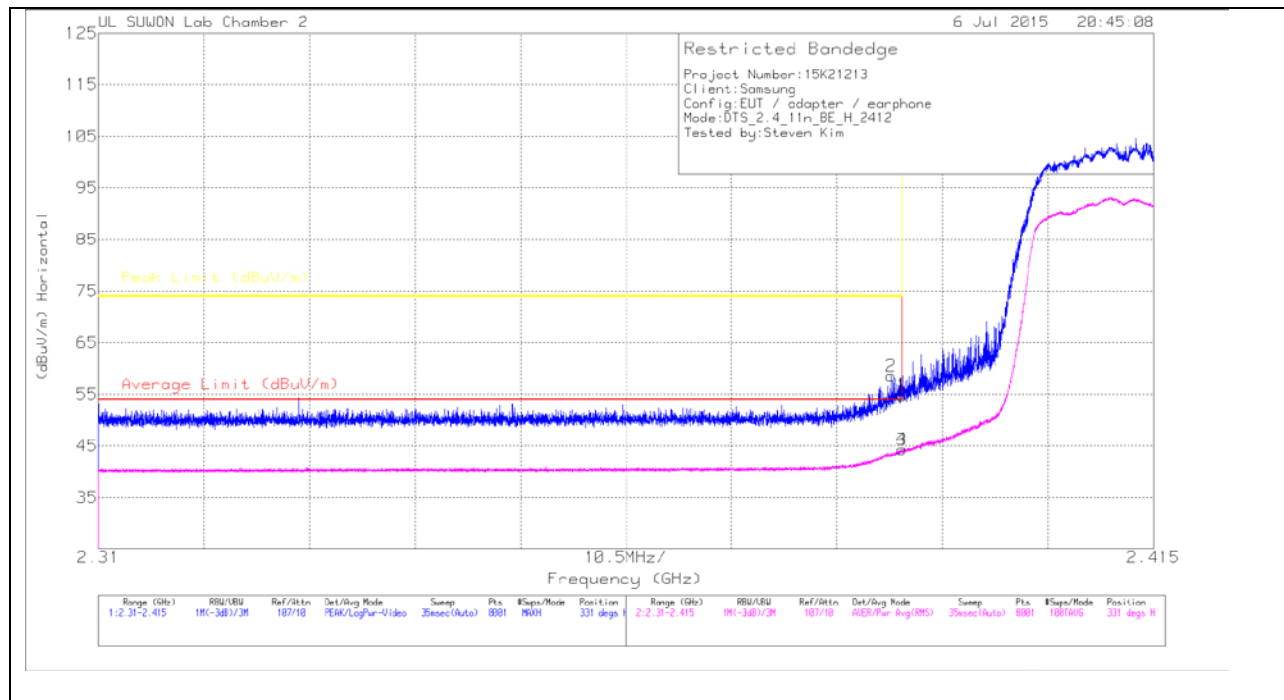
PK2 - KDB558074 Method: Maximum Peak

MAv1 - KDB558074 Option 1 Maximum RMS Average

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

RESTRICTED BANDEDGE (LOW CHANNEL)

HORIZONTAL PEAK AND AVERAGE PLOT



HORIZONTAL DATA

TRACE MARKERS

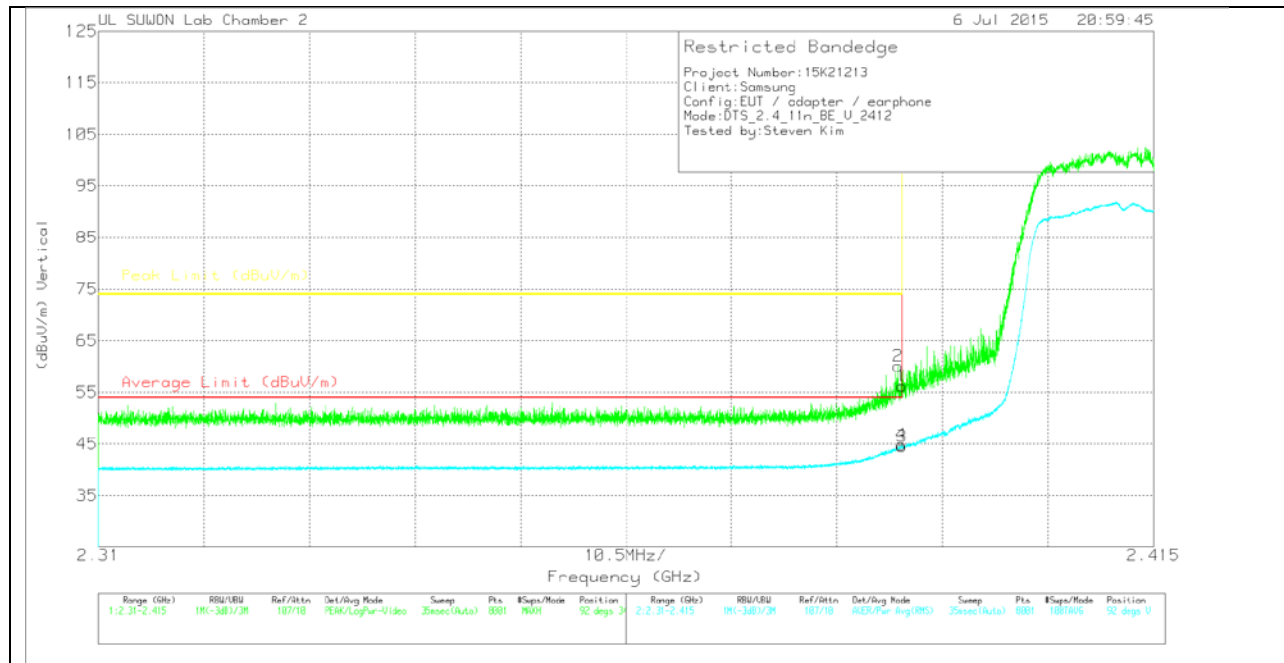
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	3117(00168 724)_15061 g	Path_2_10d B	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.39	42.57	Pk	31.7	-19.5	0	54.77	-	-	74	-19.23	331	290	H
2	* 2.389	46.34	Pk	31.7	-19.5	0	58.54	-	-	74	-15.46	331	290	H
3	* 2.39	31.73	RMS	31.7	-19.5	.32	44.25	54	-9.75	-	-	331	290	H
4	* 2.39	31.8	RMS	31.7	-19.5	.32	44.32	54	-9.68	-	-	331	290	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 8	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	44.05	Pk	31.7	-19.5	0	56.25	-	-	74	-17.75	92	340	V
2	* 2.39	47.91	Pk	31.7	-19.5	0	60.11	-	-	74	-13.89	92	340	V
3	* 2.39	31.97	RMS	31.7	-19.5	.32	44.49	54	-9.51	-	-	92	340	V
4	* 2.39	32.32	RMS	31.7	-19.5	.32	44.84	54	-9.16	-	-	92	340	V

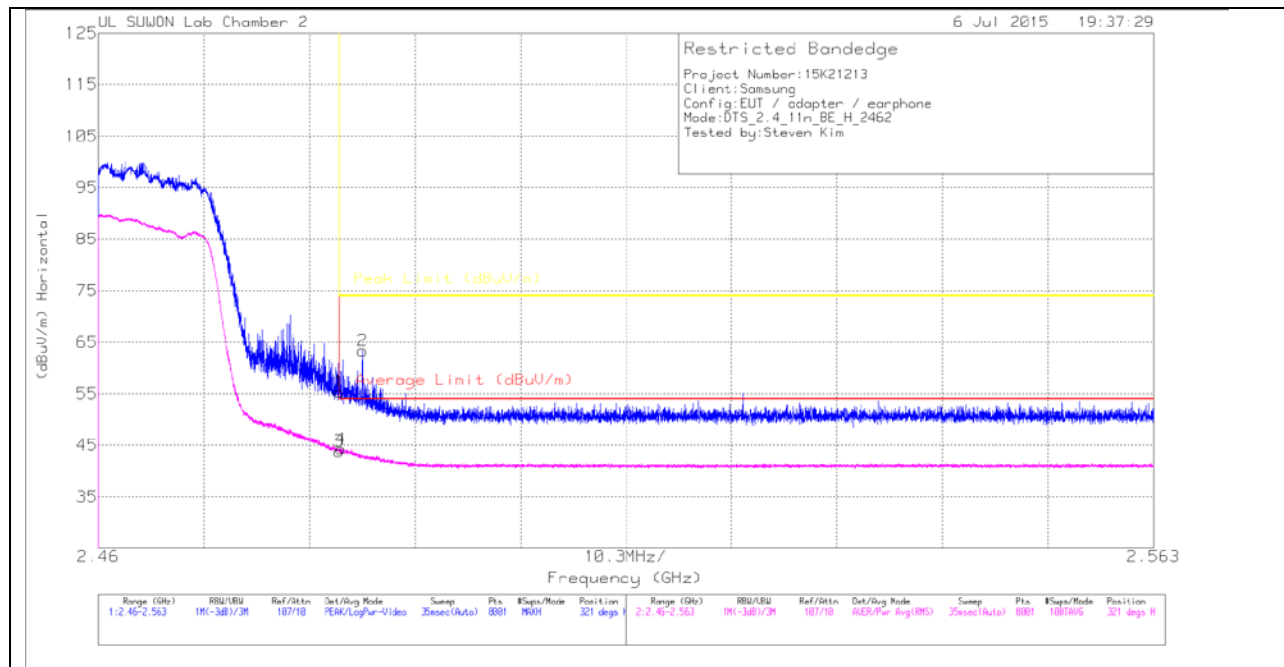
* - indicates frequency in CFR15.205/IC7.2.2 Restricted Band

Pk - Peak detector

RMS - RMS detection

AUTHORIZED BANDEDGE (HIGH CHANNEL)

HORIZONTAL PEAK AND AVERAGE PLOT



HORIZONTAL DATA

TRACE MARKERS

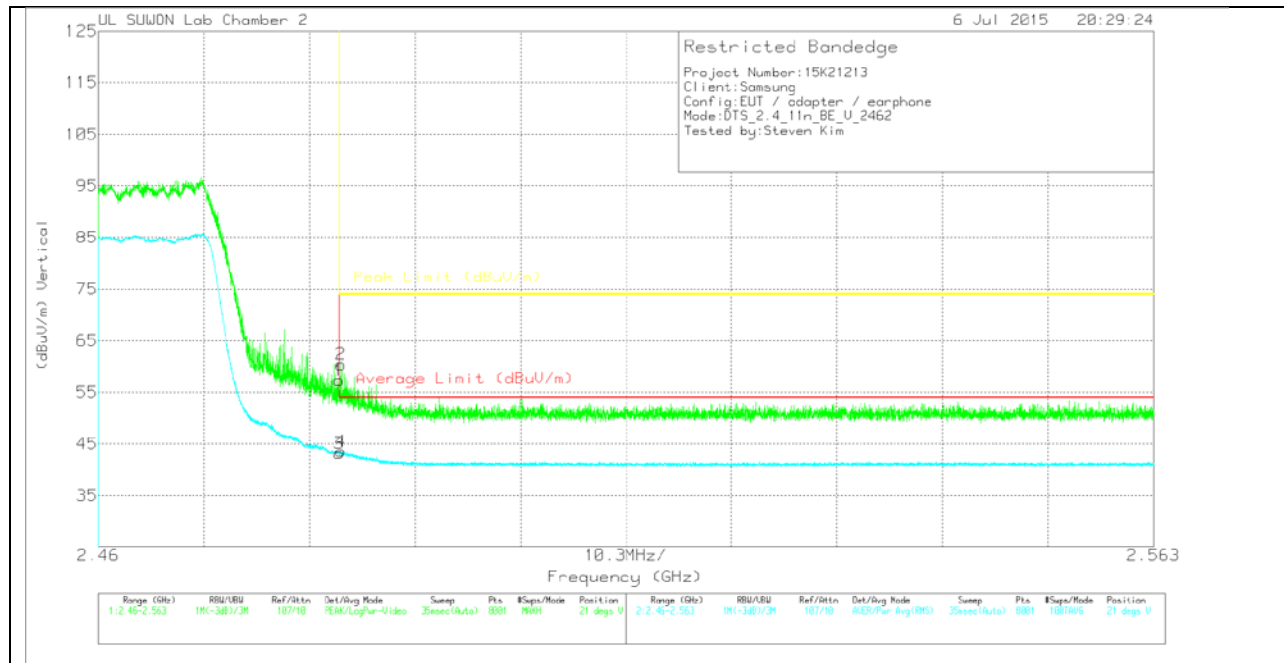
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	3117(001687 24)_150619	Path_2_10d B	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.484	42.92	Pk	31.8	-19.4	0	55.32	-	-	74	-18.68	321	183	H
2	* 2.486	50.94	Pk	31.8	-19.4	0	63.34	-	-	74	-10.66	321	183	H
3	* 2.484	31.09	RMS	31.8	-19.4	.32	43.81	54	-10.19	-	-	321	183	H
4	* 2.484	31.56	RMS	31.8	-19.4	.32	44.28	54	-9.72	-	-	321	183	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	44.92	Pk	31.8	-19.4	0	57.32	-	-	74	-16.68	21	400	V
2	* 2.484	48.02	Pk	31.8	-19.4	0	60.42	-	-	74	-13.58	21	400	V
3	* 2.484	30.47	RMS	31.8	-19.4	.32	43.19	54	-10.81	-	-	21	400	V
4	* 2.484	30.82	RMS	31.8	-19.4	.32	43.54	54	-10.46	-	-	21	400	V

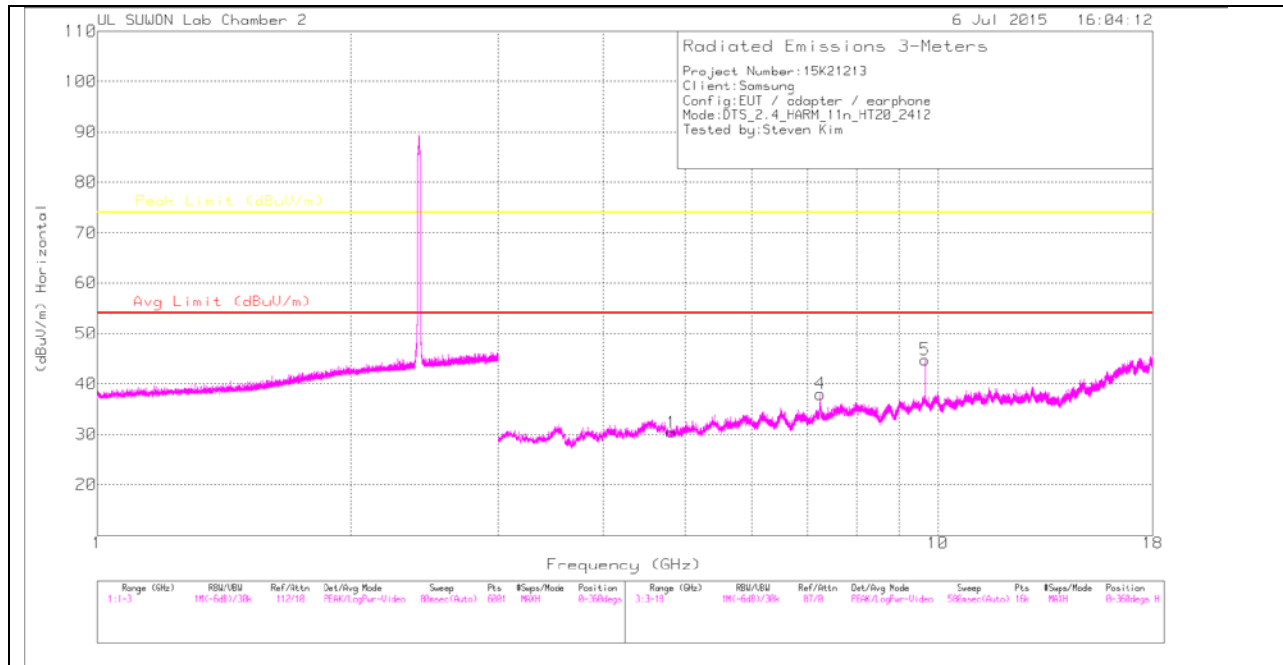
* - indicates frequency in CFR15.205/IC7.2.2 Restricted Band

Pk - Peak detector

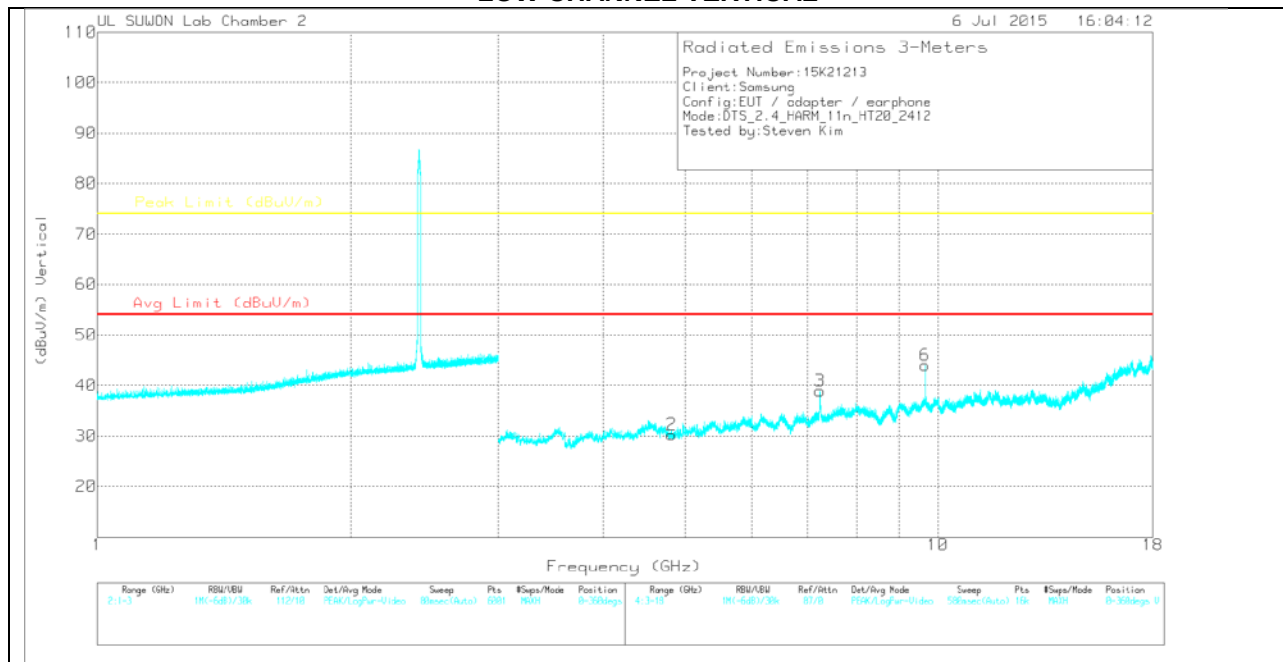
RMS - RMS detection

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	25.95	PK	34	-29.6	0	30.35	-	-	74	-43.65	0-360	100	H
4	7.239	27.8	PK	35.7	-25.5	0	38	-	-	-	-	0-360	100	H
5	9.648	28.49	PK	37.1	-20.8	0	44.79	-	-	-	-	0-360	100	H
2	* 4.824	25.85	PK	34	-29.6	0	30.25	-	-	74	-43.75	0-360	100	V
3	7.233	28.72	PK	35.7	-25.5	0	38.92	-	-	-	-	0-360	100	V
6	9.648	27.73	PK	37.1	-20.8	0	44.03	-	-	-	-	0-360	100	V

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

PK – Peak detector

Radiated Emissions

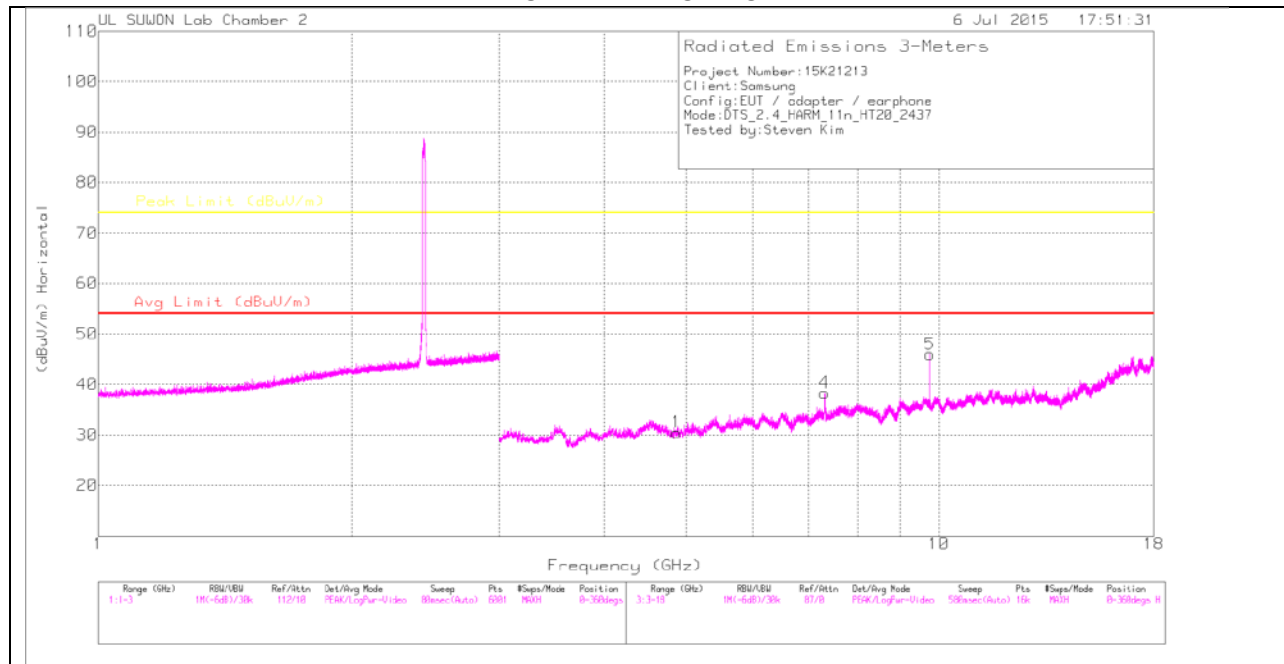
Frequency (GHz)	Meter Reading (dBuV)	Det	3117(0016 8717)_150 619	Path_3_3G HP	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
7.239	38.32	PK2	35.7	-25.5	0	48.52	-	-	-	-	354	298	H
9.648	32.72	PK2	37.1	-20.8	0	49.02	-	-	-	-	298	215	H
7.235	41.52	PK2	35.7	-25.5	0	51.72	-	-	-	-	202	337	V
9.648	37.15	PK2	37.1	-20.8	0	53.45	-	-	-	-	199	334	V

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

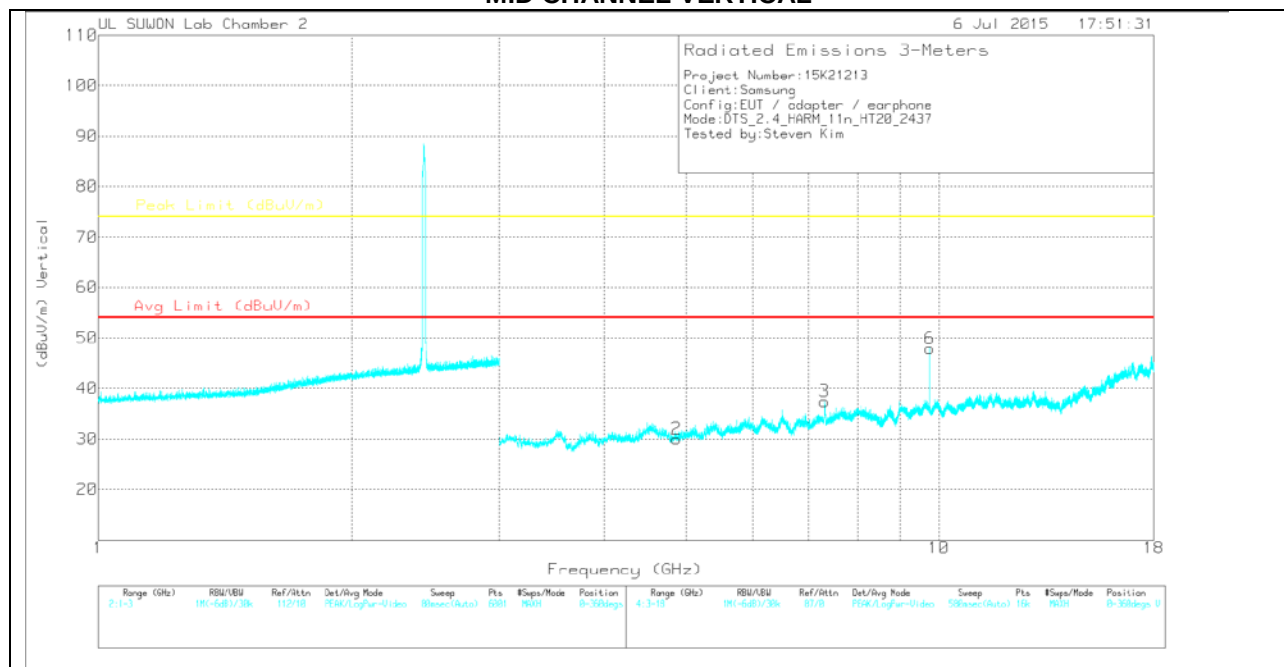
PK2 - KDB558074 Method: Maximum Peak

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	* 4.874	25.72	PK	34	-29.2	0	30.52	-	-	74	-43.48	0-360	200	H
4	* 7.308	28.33	PK	35.7	-25.7	0	38.33	-	-	74	-35.67	0-360	200	H
5	9.749	30.67	PK	37.2	-21.9	0	45.97	-	-	-	-	0-360	200	H
2	* 4.873	25.21	PK	34	-29.2	0	30.01	-	-	74	-43.99	0-360	200	V
3	* 7.306	27.46	PK	35.7	-25.7	0	37.46	-	-	74	-36.54	0-360	200	V
6	9.748	32.62	PK	37.2	-21.9	0	47.92	-	-	-	-	0-360	200	V

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

PK – Peak detector

Radiated Emissions

Frequency (GHz)	Meter Reading (dBuV)	Det	3117(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
* 7.308	38.67	PK-U	35.7	-25.7	0	48.67	-	-	74	-25.33	217	200	H
* 7.308	24.48	ADR	35.7	-25.7	.32	34.8	54	-19.2	-	-	217	200	H
9.748	36.39	PK-U	37.2	-21.9	0	51.69	-	-	-	-	76	171	H
* 7.307	40.74	PK-U	35.7	-25.7	0	50.74	-	-	74	-23.26	149	228	V
* 7.308	25.61	ADR	35.7	-25.7	.32	35.93	54	-18.07	-	-	149	228	V
9.748	37.51	PK-U	37.2	-21.9	0	52.81	-	-	-	-	187	248	V

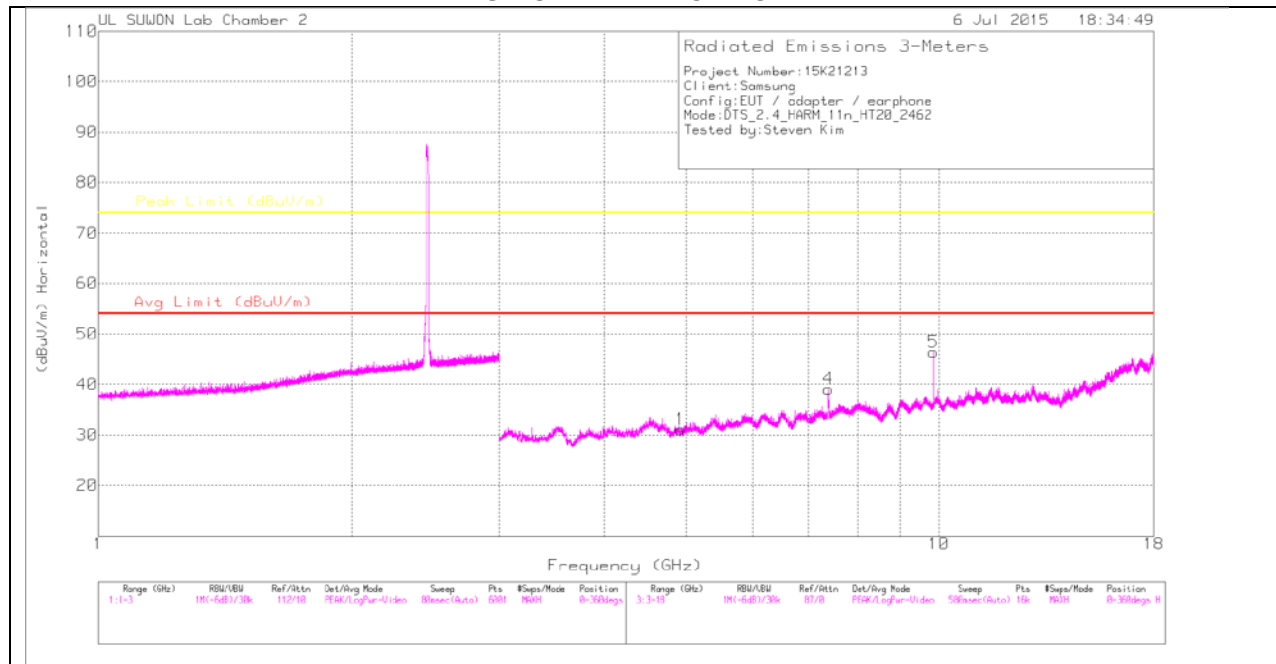
* - indicates frequency in CFR15.205/IC7.2.2 Restricted Band

PK - Peak detector

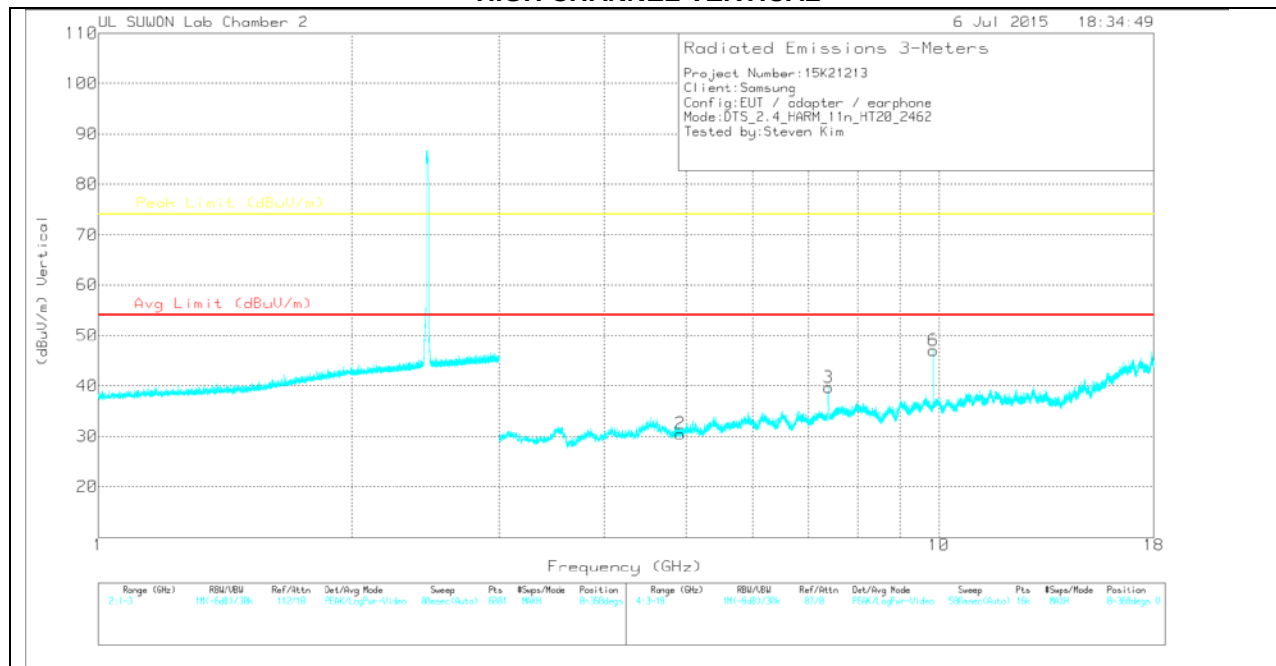
PK2 - KDB558074 Method: Maximum Peak

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(0016871 7)_150619	Path_3_3G HP	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	26.1	PK	34	-29	0	31.1	-	-	74	-42.9	0-360	100	H
4	* 7.386	28.41	PK	35.8	-25.1	0	39.11	-	-	74	-34.89	0-360	200	H
5	9.848	30.71	PK	37.3	-21.6	0	46.41	-	-	-	-	0-360	200	H
2	* 4.924	25.53	PK	34	-29	0	30.53	-	-	74	-43.47	0-360	100	V
3	* 7.388	28.99	PK	35.8	-25.1	0	39.69	-	-	74	-34.31	0-360	100	V
6	9.848	31.35	PK	37.3	-21.6	0	47.05	-	-	-	-	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
* 7.385	40.81	PK-U	35.8	-25.1	0	51.51	-	-	74	-22.49	239	260	H
* 7.385	25.86	ADR	35.8	-25.1	.32	36.88	54	-17.12	-	-	239	260	H
9.848	37.69	PK-U	37.3	-21.6	0	53.39	-	-	-	-	71	217	H
* 7.388	42.28	PK-U	35.8	-25.1	0	52.98	-	-	74	-21.02	148	131	V
* 7.387	26.9	ADR	35.8	-25.1	.32	37.92	54	-16.08	-	-	148	131	V
9.848	37.95	PK-U	37.3	-21.6	0	53.65	-	-	-	-	196	338	V

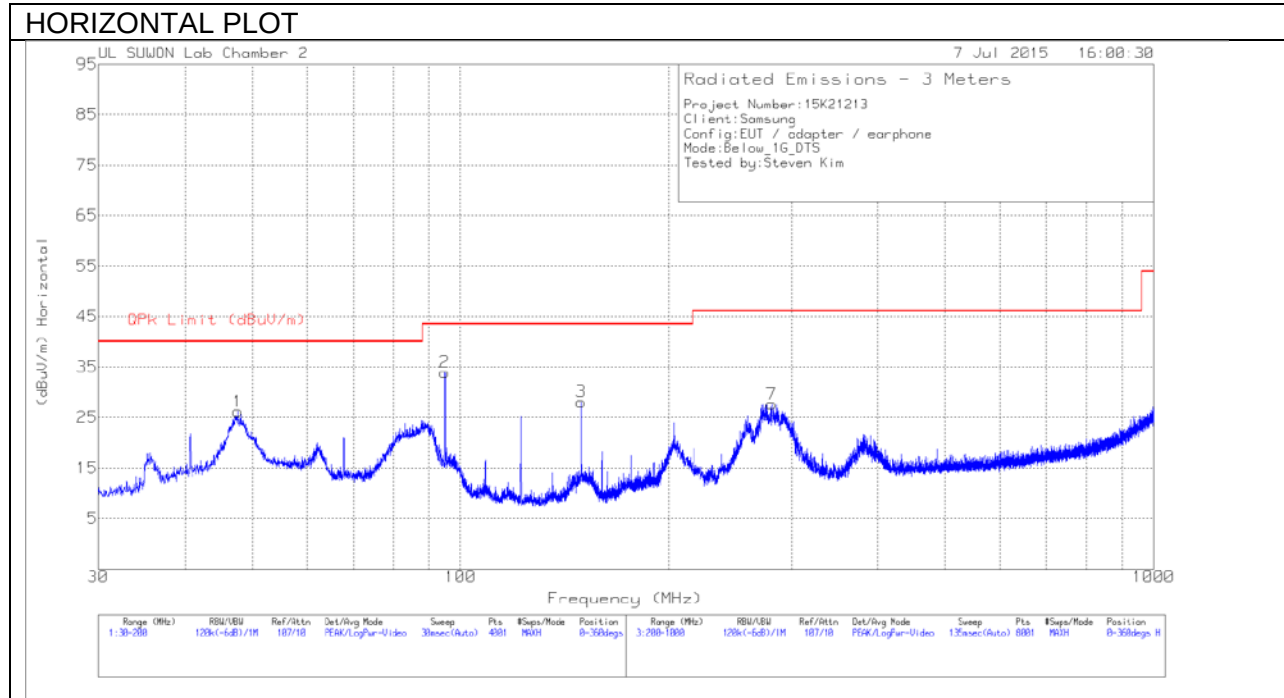
* - indicates frequency in CFR15.205/IC7.2.2 Restricted Band

PK2 - KDB558074 Method: Maximum Peak

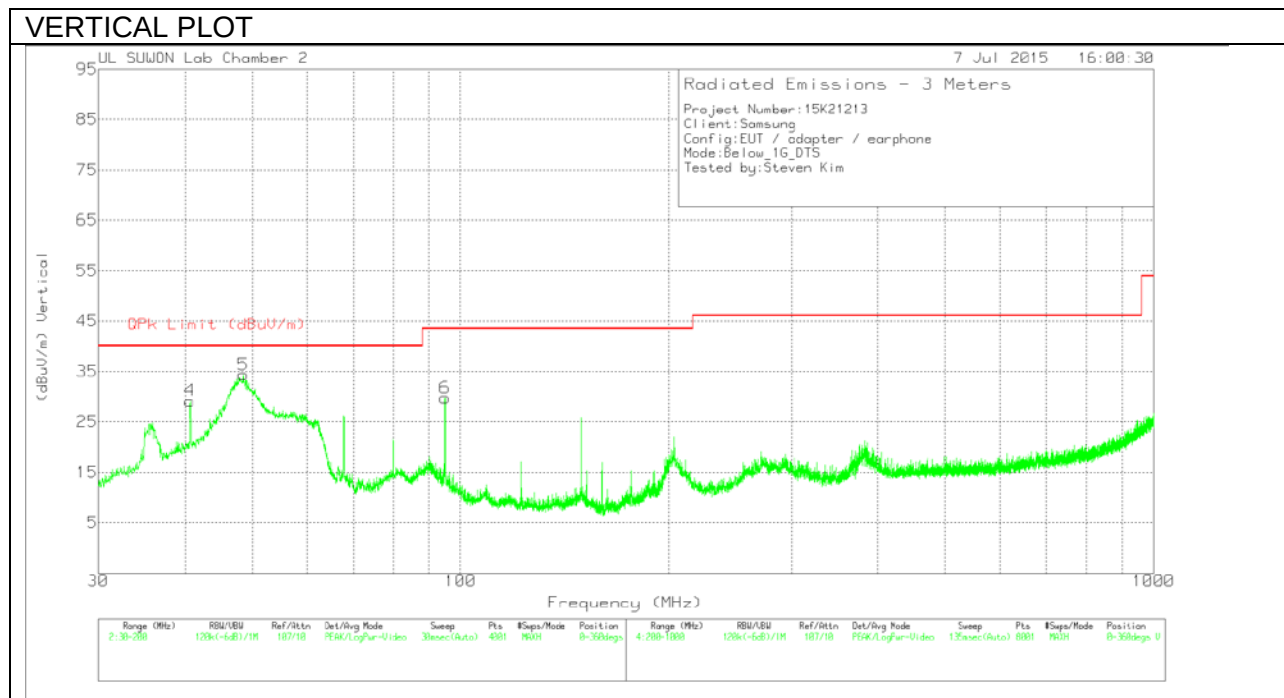
MAv1 - KDB558074 Option 1 Maximum RMS Average

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	47.68	42.93	Pk	14	-30.8	26.13	40	-13.87	0-360	300	H
2	94.8975	53.94	Pk	10.6	-30.6	33.94	43.52	-9.58	0-360	300	H
3	149.17	50.29	Pk	8.2	-30.4	28.09	43.52	-15.43	0-360	200	H
4	40.6675	47.11	Pk	12.9	-30.8	29.21	40	-10.79	0-360	100	V
5	48.5725	51.16	Pk	14	-30.8	34.36	40	-5.64	0-360	100	V
6	94.94	49.75	Pk	10.6	-30.6	29.75	43.52	-13.77	0-360	100	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.

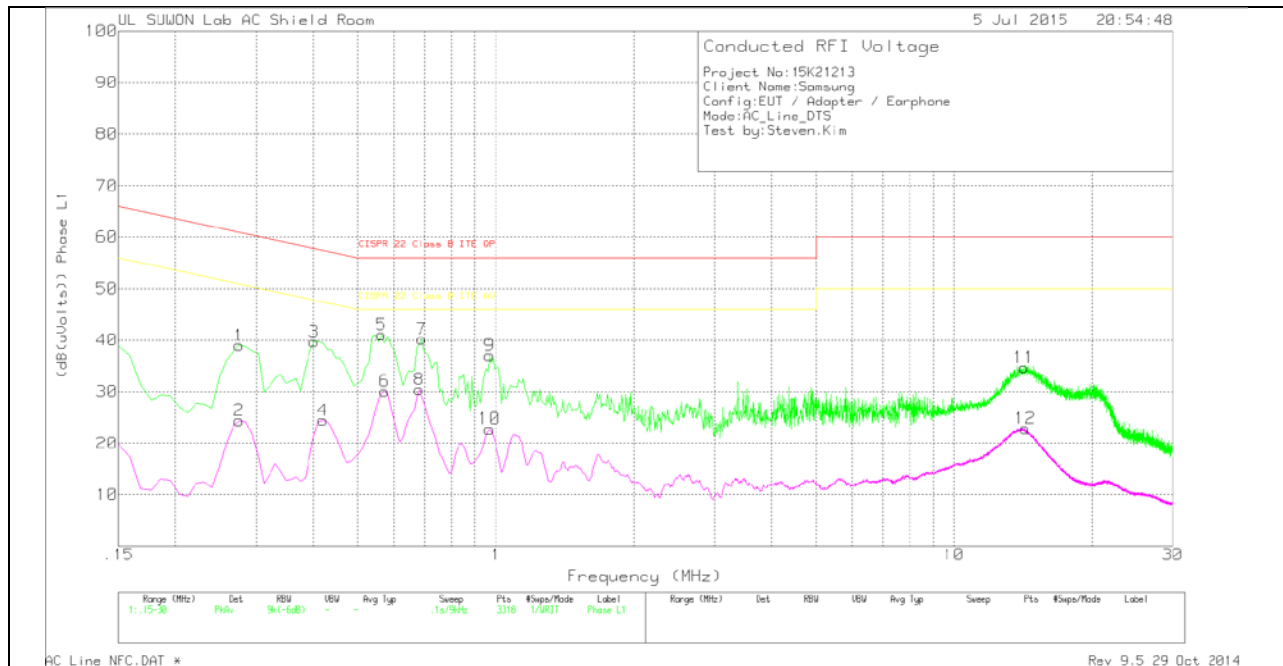
The receiver is set to a resolution bandwidth of 9 kHz. Peak detection is used unless otherwise noted as quasi-peak or average.

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

RESULTS

6 WORST EMISSIONS

LINE 1 PLOT



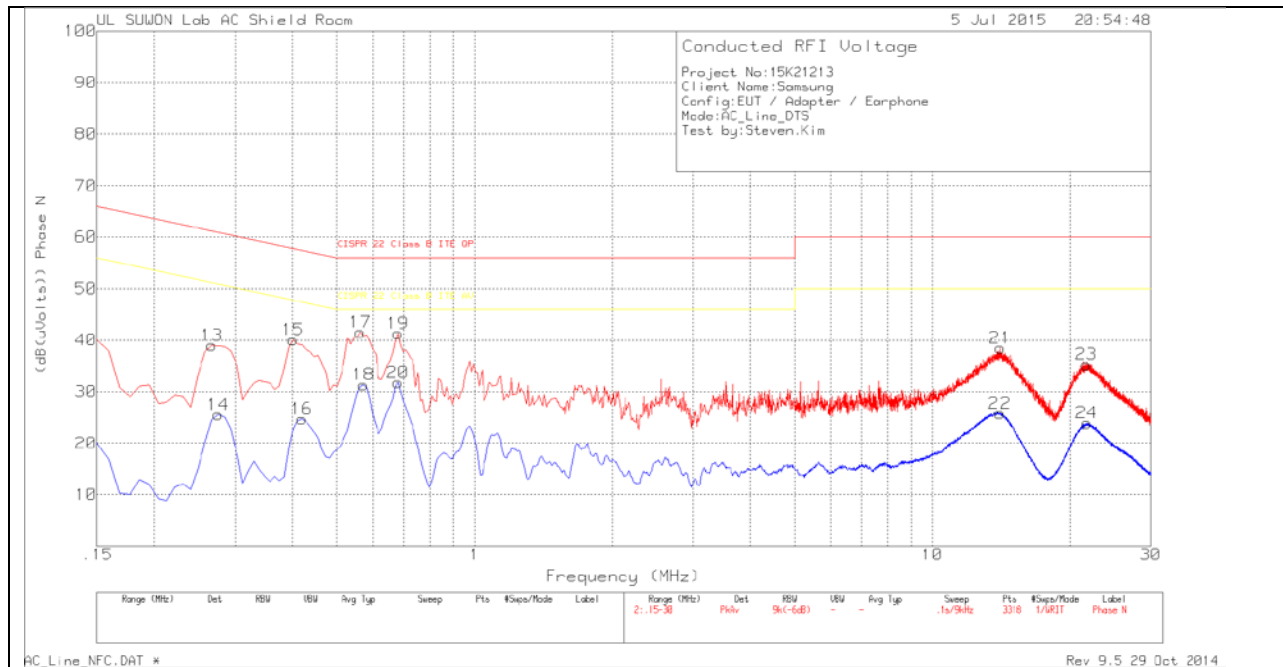
LINE 1 RESULTS

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	.276	29.16	Pk	9.8	0	38.96	60.94	-21.98	-	-
2	.276	14.58	Av	9.8	0	24.38	-	-	50.94	-26.56
3	.402	29.63	Pk	10.1	0	39.73	57.81	-18.08	-	-
4	.42	14.31	Av	10.1	0	24.41	-	-	47.45	-23.04
5	.564	30.94	Pk	10.1	0	41.04	56	-14.96	-	-
6	.573	20	Av	10.1	0	30.1	-	-	46	-15.9
7	.69	30.07	Pk	10.1	0	40.17	56	-15.83	-	-
8	.681	20.31	Av	10.1	0	30.41	-	-	46	-15.59
9	.969	27.11	Pk	9.9	0	37.01	56	-18.99	-	-
10	.969	12.87	Av	9.9	0	22.77	-	-	46	-23.23
11	14.208	24.42	Pk	10.1	.2	34.72	60	-25.28	-	-
12	14.298	12.54	Av	10.1	.2	22.84	-	-	50	-27.16

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	29.26	Pk	9.7	0	38.96	61.21	-22.25	-	-
14	.276	15.72	Av	9.8	0	25.52	-	-	50.94	-25.42
15	.402	29.97	Pk	10.1	0	40.07	57.81	-17.74	-	-
16	.42	14.61	Av	10.1	0	24.71	-	-	47.45	-22.74
17	.564	31.44	Pk	10.1	0	41.54	56	-14.46	-	-
18	.573	21.24	Av	10.1	0	31.34	-	-	46	-14.66
19	.681	31.29	Pk	10	0	41.29	56	-14.71	-	-
20	.681	21.76	Av	10	0	31.76	-	-	46	-14.24
21	14.091	27.96	Pk	10.3	.2	38.46	60	-21.54	-	-
22	14.055	15.3	Av	10.3	.2	25.8	-	-	50	-24.2
23	21.687	24.37	Pk	10.7	.2	35.27	60	-24.73	-	-
24	21.75	13	Av	10.7	.2	23.9	-	-	50	-26.1

Pk - Peak detector

Av - Average detection