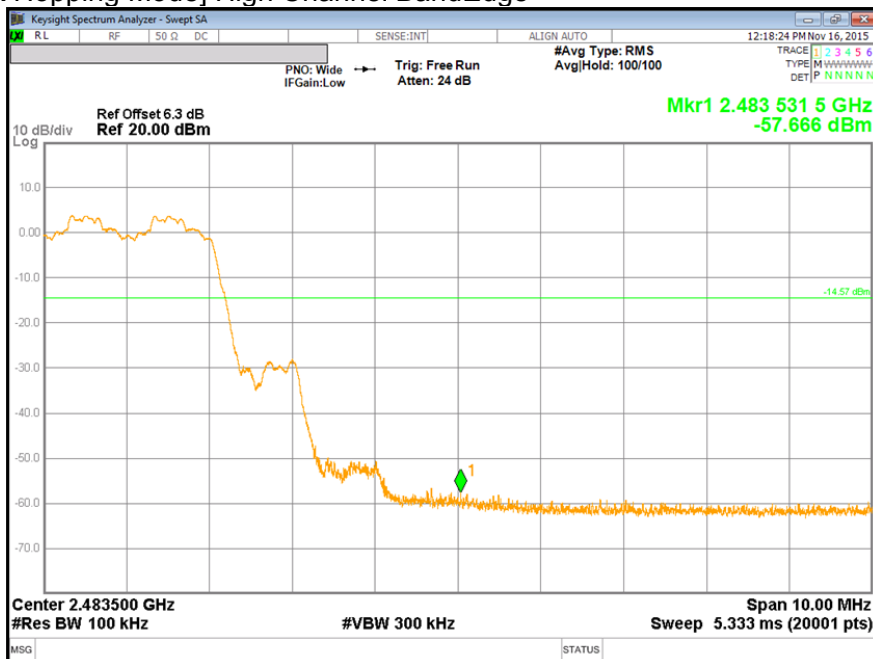


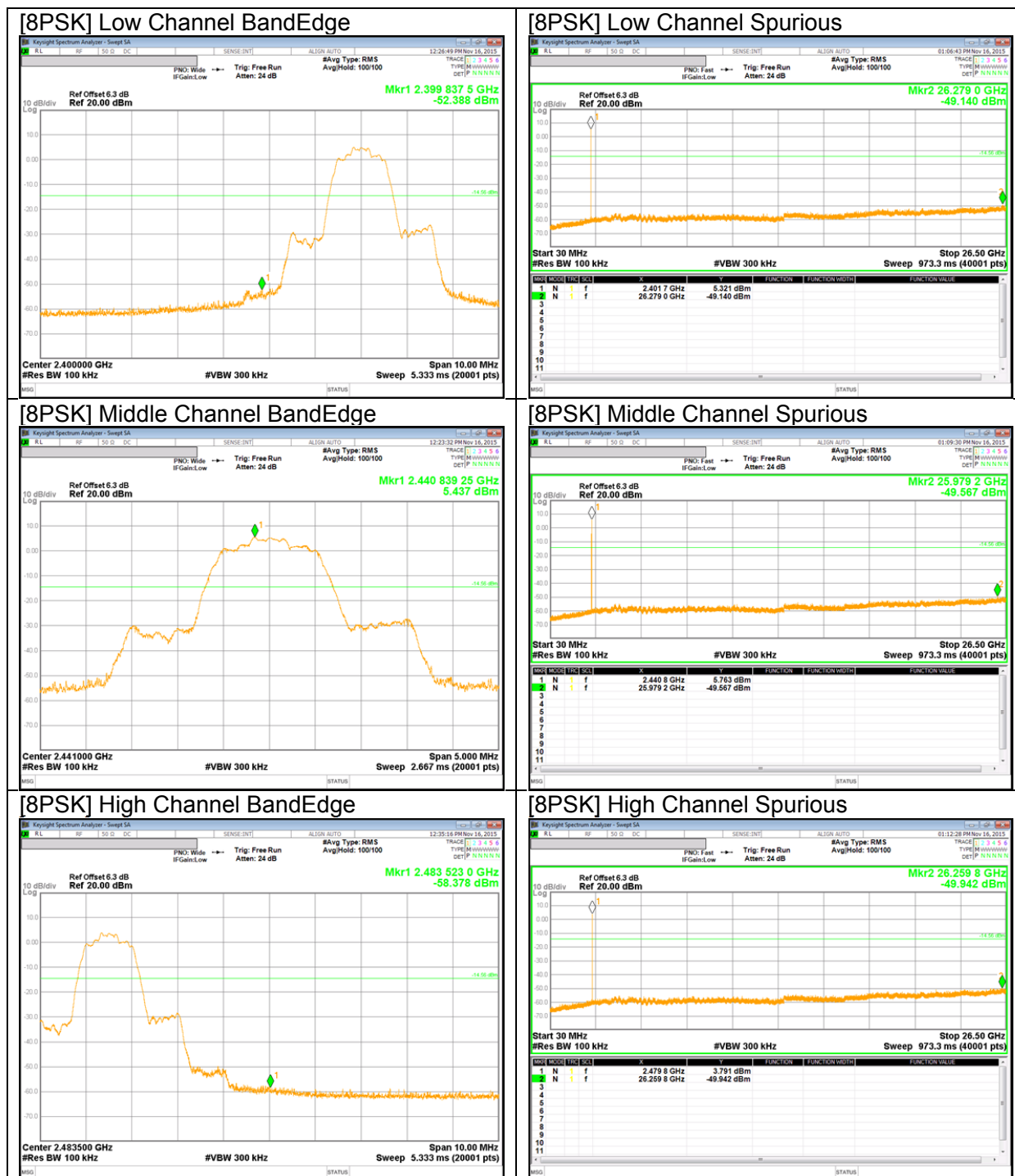
BandEdge Emission at PI/4-DQPSK Hopping Mode

[PI/4-DQPSK Hopping Mode] Low Channel BandEdge



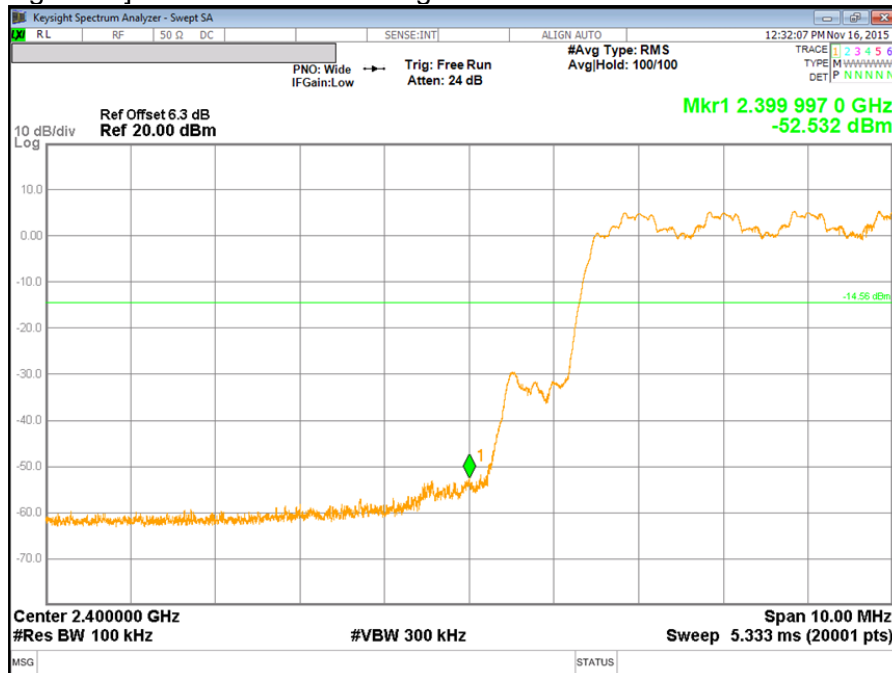
[PI/4-DQPSK Hopping Mode] High Channel BandEdge





BandEdge Emission at 8PSK Hopping Mode

[8PSK Hopping Mode] Low Channel BandEdge



[8PSK Hopping Mode] High Channel BandEdge



9. RADIATED TEST RESULTS

9.1. LIMITS AND PROCEDURE

LIMITS

FCC §15.205 and §15.209

Frequency Range (MHz)	Field Strength Limit (uV/m) at 3 m	Field Strength Limit (dBuV/m) at 3 m
30 - 88	100	40
88 - 216	150	43.5
216 - 960	200	46
Above 960	500	54

TEST PROCEDURE

The EUT is placed on a non-conducting table 80 cm above the ground plane. The antenna to EUT distance is 3 meters. The EUT is configured in accordance with ANSI C63.10. The EUT is set to transmit in a continuous mode.

For measurements below 1 GHz the resolution bandwidth is set to 100 kHz for peak detection measurements or 120 kHz for quasi-peak detection measurements. Peak detection is used unless otherwise noted as quasi-peak.

For band edge measurements above 1 GHz the resolution bandwidth is set to 1 MHz, then the video bandwidth is set to 1 MHz for peak measurements and 1/T (on time) for average measurement.

$GFSK = 1/T = 1 / 0.0029S = 350Hz.$

The spectrum from 1GHzHz to 26 GHz is investigated with the transmitter set to the lowest, middle, and highest channels in the 2.4 GHz band.

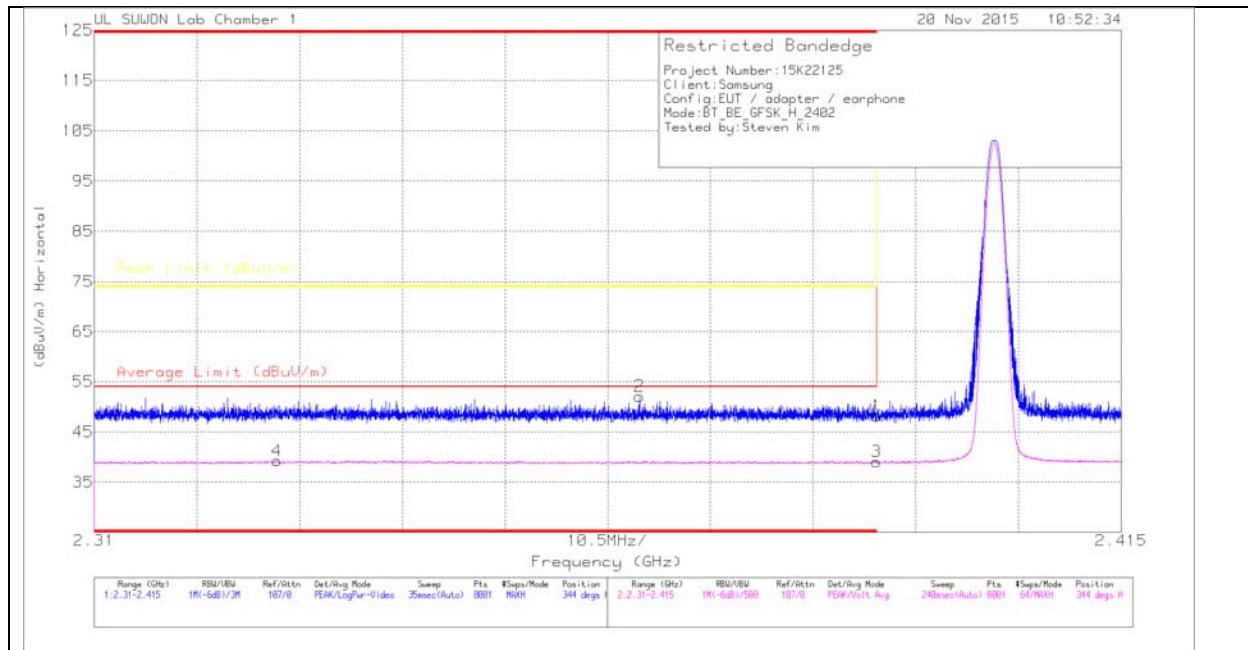
The frequency range of interest is monitored at a fixed antenna height and EUT azimuth. The EUT is rotated through 360 degrees to maximize emissions received. The antenna is scanned from 1 to 4 meters above the ground plane to further maximize the emission. Measurements are made with the antenna polarized in both the vertical and the horizontal positions.

9.2. TRANSMITTER ABOVE 1 GHz

9.2.1. BASIC DATA RATE GFSK MODULATION

RESTRICTED BANDEDGE (LOW CHANNEL)

HORIZONTAL PEAK AND AVERAGE PLOT



HORIZONTAL DATA

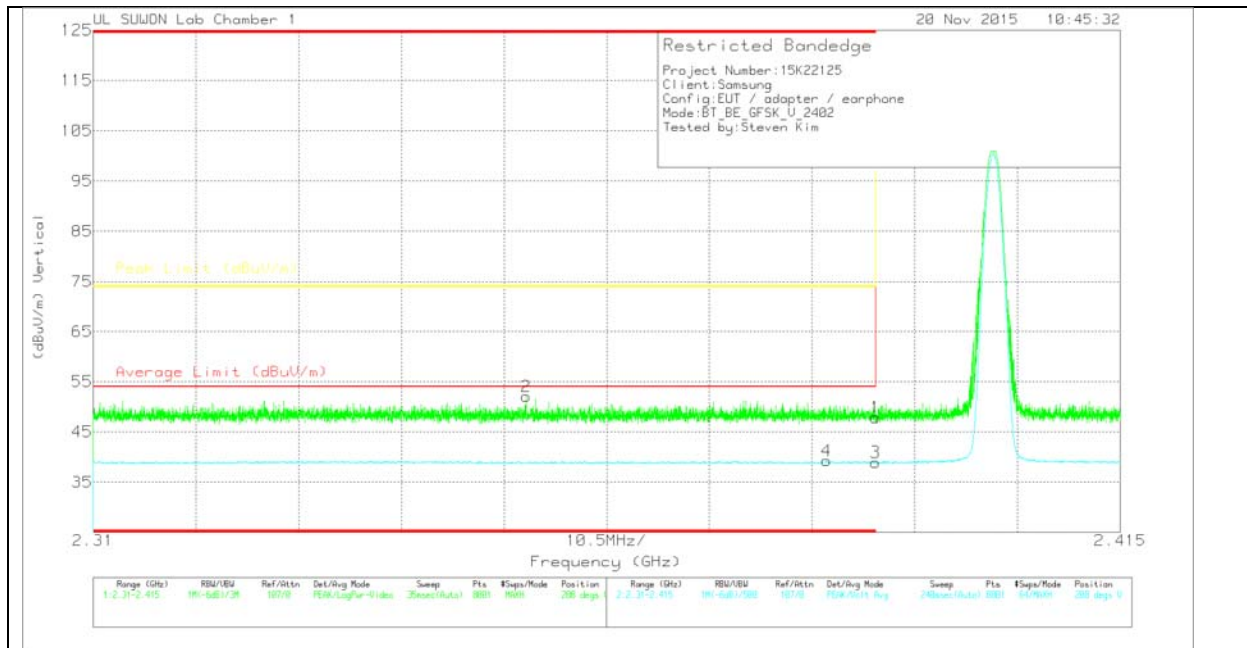
Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	3117(0016 8717)_150 619	Path_2	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	44.85	Pk	31.8	-28.4	48.25	-	-	74	-25.75	344	296	H
2	* 2.366	48.8	Pk	31.8	-28.5	52.1	-	-	74	-21.9	344	296	H
3	* 2.39	35.7	V1TV	31.8	-28.4	39.1	54	-14.9	-	-	344	296	H
4	* 2.329	36.08	V1TV	31.7	-28.5	39.28	54	-14.72	-	-	344	296	H

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

Pk - Peak detector

VERTICAL PEAK AND AVERAGE PLOT



VERTICAL DATA

Trace Markers

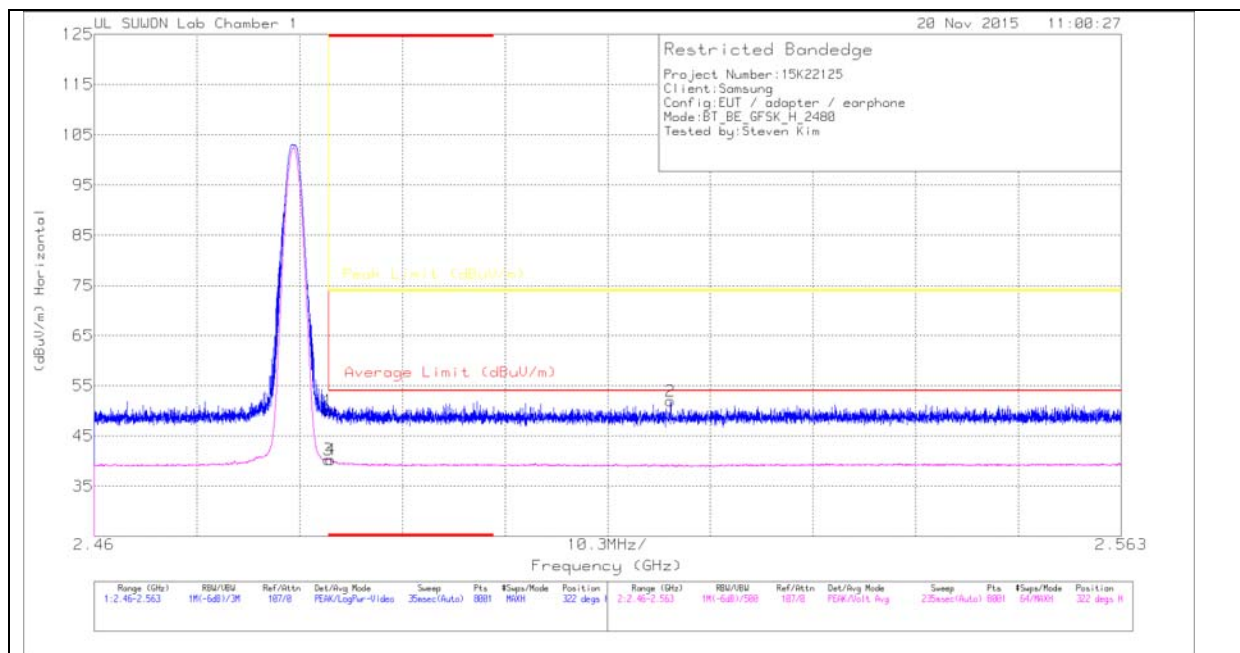
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	3117(0016 8717)_150 619	Path_2	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.39	44.49	Pk	31.8	-28.4	47.89	-	-	74	-26.11	208	381	V
2	* 2.354	48.87	Pk	31.7	-28.5	52.07	-	-	74	-21.93	208	381	V
3	* 2.39	35.56	V1TV	31.8	-28.4	38.96	54	-15.04	-	-	208	381	V
4	* 2.385	35.97	V1TV	31.8	-28.5	39.27	54	-14.73	-	-	208	381	V

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

Pk - Peak detector

AUTHORIZED BANDEDGE (HIGH CHANNEL)

HORIZONTAL PEAK AND AVERAGE PLOT



HORIZONTAL DATA

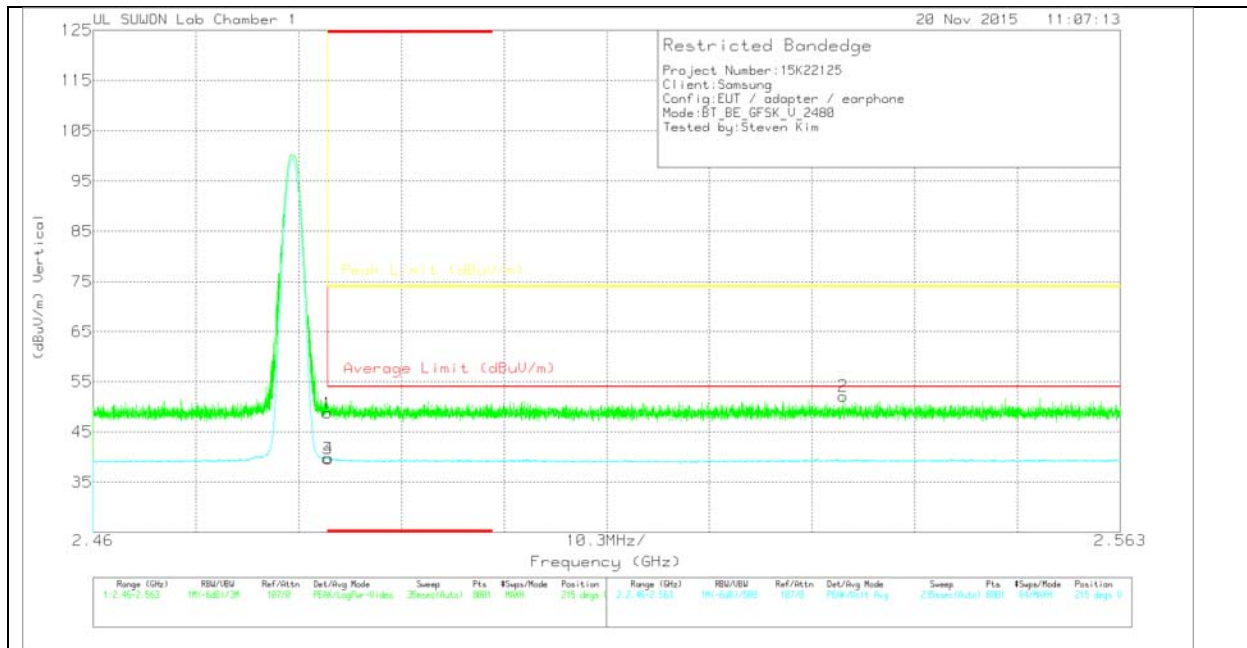
Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	3117(0016 8717)_150 619	Path_2	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	46.42	Pk	32	-28.3	50.12	-	-	74	-23.88	322	101	H
2	2.518	48.25	Pk	32	-28.3	51.95	-	-	74	-22.05	322	101	H
3	* 2.484	36.61	V1TV	32	-28.3	40.31	54	-13.69	-	-	322	101	H
4	* 2.484	36.61	V1TV	32	-28.3	40.31	54	-13.69	-	-	322	101	H

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

Pk - Peak detector

VERTICAL PEAK AND AVERAGE PLOT



VERTICAL DATA

Trace Markers

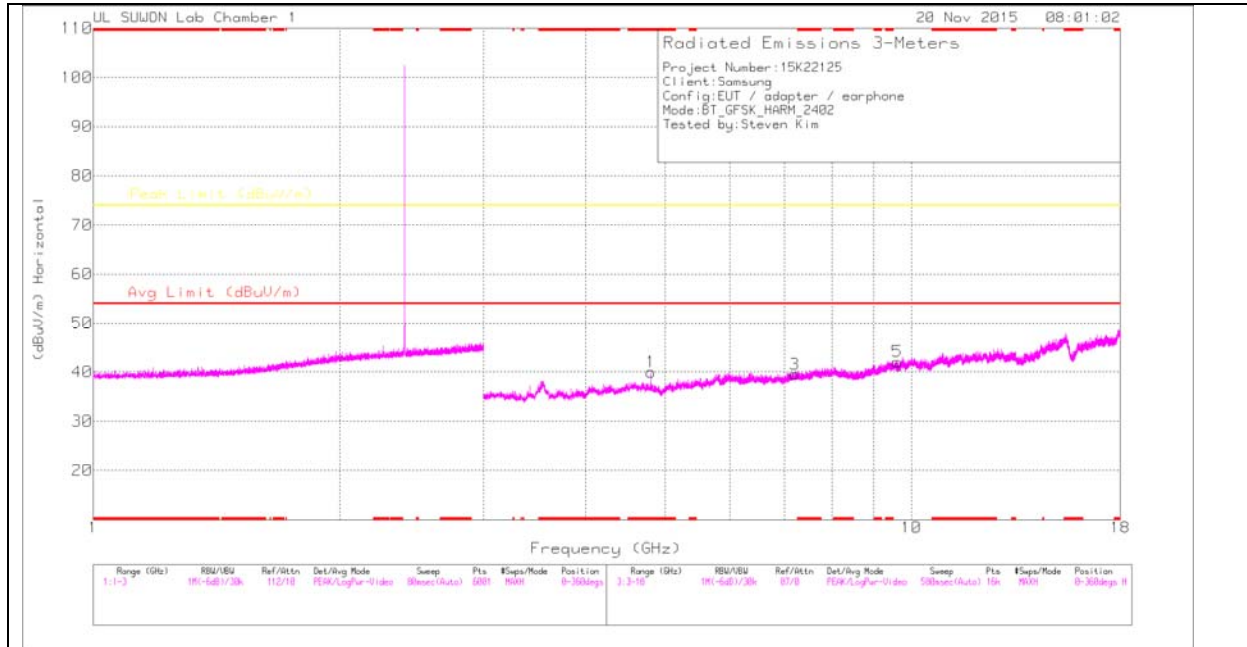
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	3117(0016 8717)_150 619	Path_2	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.484	45.07	Pk	32	-28.3	48.77	-	-	74	-25.23	215	291	V
2	2.535	48.4	Pk	32	-28.3	52.1	-	-	74	-21.9	215	291	V
3	* 2.484	36.05	V1TV	32	-28.3	39.75	54	-14.25	-	-	215	291	V
4	* 2.484	36.02	V1TV	32	-28.3	39.72	54	-14.28	-	-	215	291	V

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

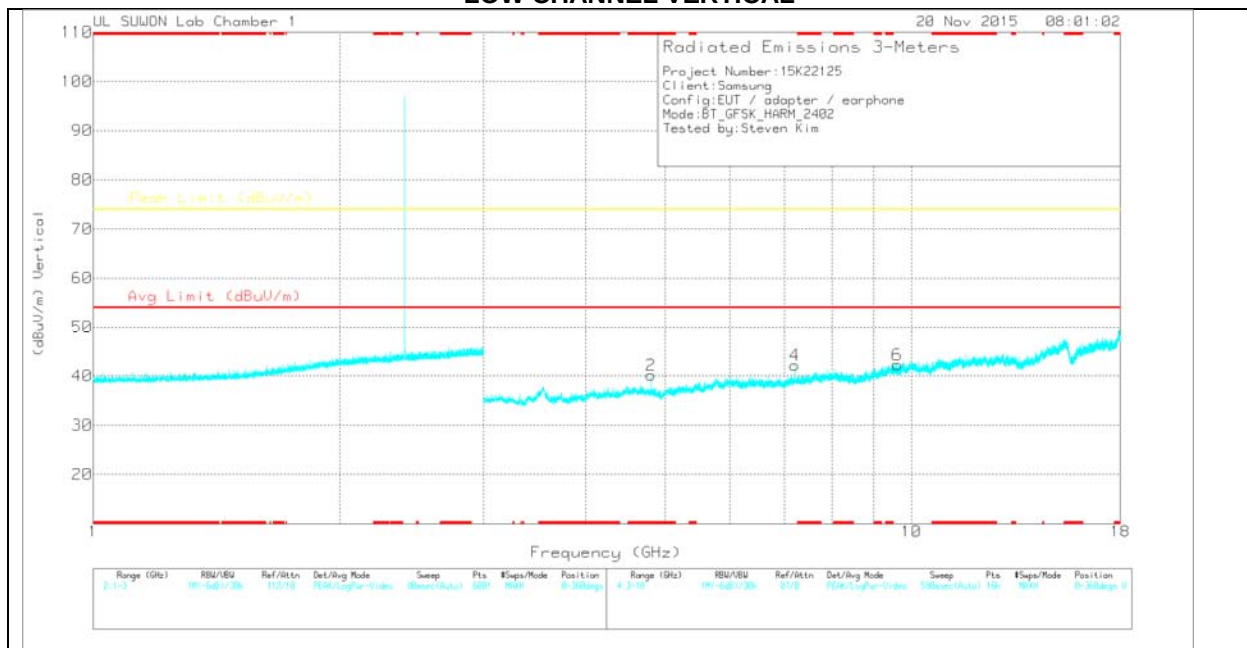
Pk - Peak detector

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(0016 8717)_150 619	Path_3	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 4.804	38.99	PK	34	-33	39.99	-	-	74	-34.01	0-360	100	H
3	7.205	33.82	PK	35.7	-30	39.52	-	-	74	-34.48	0-360	100	H
5	9.61	31.69	PK	37	-26.6	42.09	-	-	74	-31.91	0-360	200	H
2	* 4.804	39.15	PK	34	-33	40.15	-	-	74	-33.85	0-360	200	V
4	7.206	36.48	PK	35.7	-30	42.18	-	-	74	-31.82	0-360	100	V
6	9.61	31.86	PK	37	-26.6	42.26	-	-	74	-31.74	0-360	200	V

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

PK – Peak Detector

Radiated Emissions

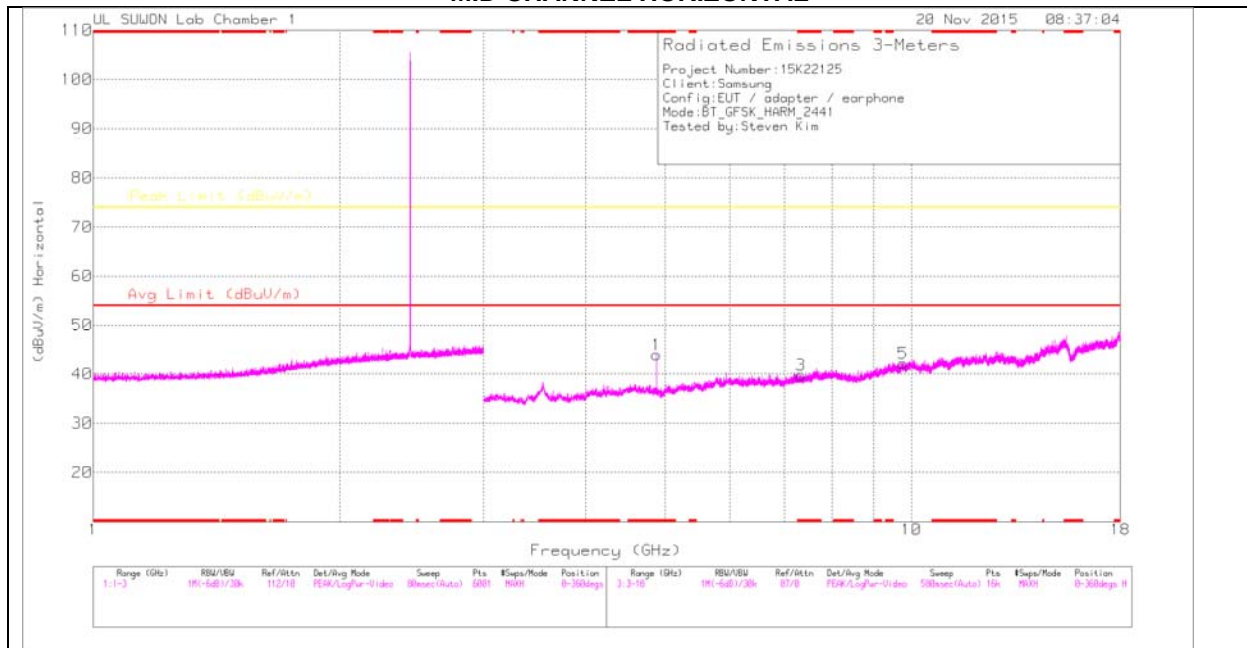
Frequency (GHz)	Meter Reading (dBuV)	Det	3117(0016 8717)_150 619	Path_3	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
* 4.803	49.01	PK2	34	-33	50.01	-	-	74	-23.99	322	100	H
* 4.804	37.33	VA1T	34	-33	38.33	54	-15.67	-	-	322	100	H
* 4.804	48.99	PK2	34	-33	49.99	-	-	74	-24.01	287	303	V
* 4.804	37.41	VA1T	34	-33	38.41	54	-15.59	-	-	287	303	V
7.209	44.62	PK2	35.7	-30	50.32	-	-	74	-23.68	284	281	V

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

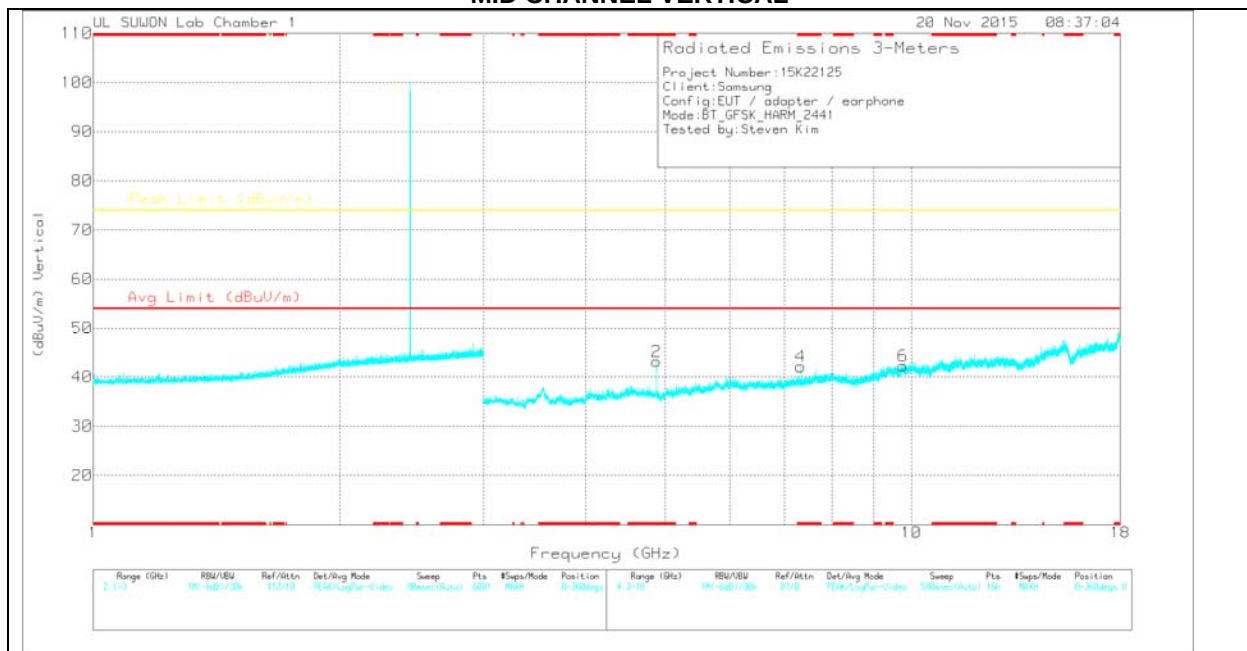
PK2 - KDB558074 Method: Maximum Peak

VA1T - FHSS: Linear Voltage Average $V_B = 1/T_{on}$ where: T_{on} is transmit duration

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(0016 8717)_150 619	Path_3	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 4.882	43.01	PK	34	-33.1	43.91	-	-	74	-30.09	0-360	100	H
3	* 7.323	33.94	PK	35.8	-30	39.74	-	-	74	-34.26	0-360	200	H
5	9.773	30.95	PK	37.2	-26	42.15	-	-	74	-31.85	0-360	200	H
2	* 4.881	42.26	PK	34	-33.1	43.16	-	-	74	-30.84	0-360	200	V
4	* 7.323	36.32	PK	35.8	-30	42.12	-	-	74	-31.88	0-360	100	V
6	9.773	31.06	PK	37.2	-26	42.26	-	-	74	-31.74	0-360	200	V

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

PK – Peak Detector

Radiated Emissions

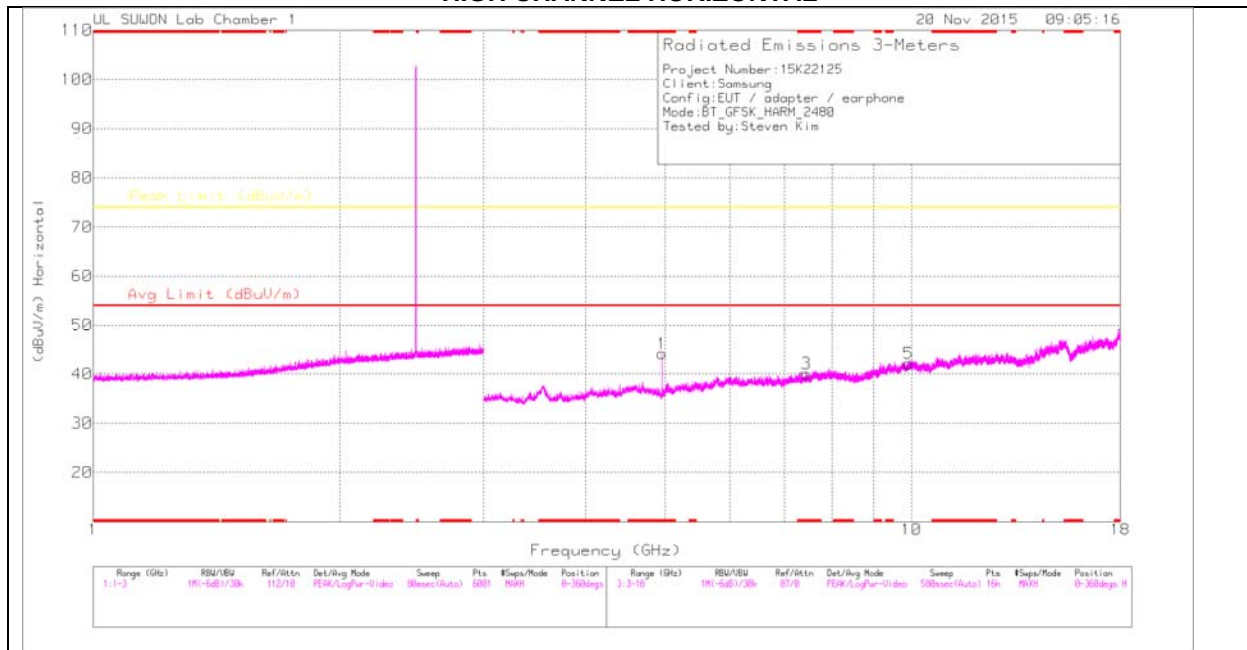
Frequency (GHz)	Meter Reading (dBuV)	Det	3117(0016 8717)_150 619	Path_3	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
* 4.882	49.88	PK2	34	-33.1	50.78	-	-	74	-23.22	316	175	H
* 4.882	41.46	VA1T	34	-33.1	42.36	54	-11.64	-	-	316	175	H
* 4.882	50.52	PK2	34	-33.1	51.42	-	-	74	-22.58	228	249	V
* 4.882	41.74	VA1T	34	-33.1	42.64	54	-11.36	-	-	228	249	V
* 7.324	45.36	PK2	35.8	-30	51.16	-	-	74	-22.84	83	102	V
* 7.323	32.87	VA1T	35.8	-30	38.67	54	-15.33	-	-	83	102	V

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

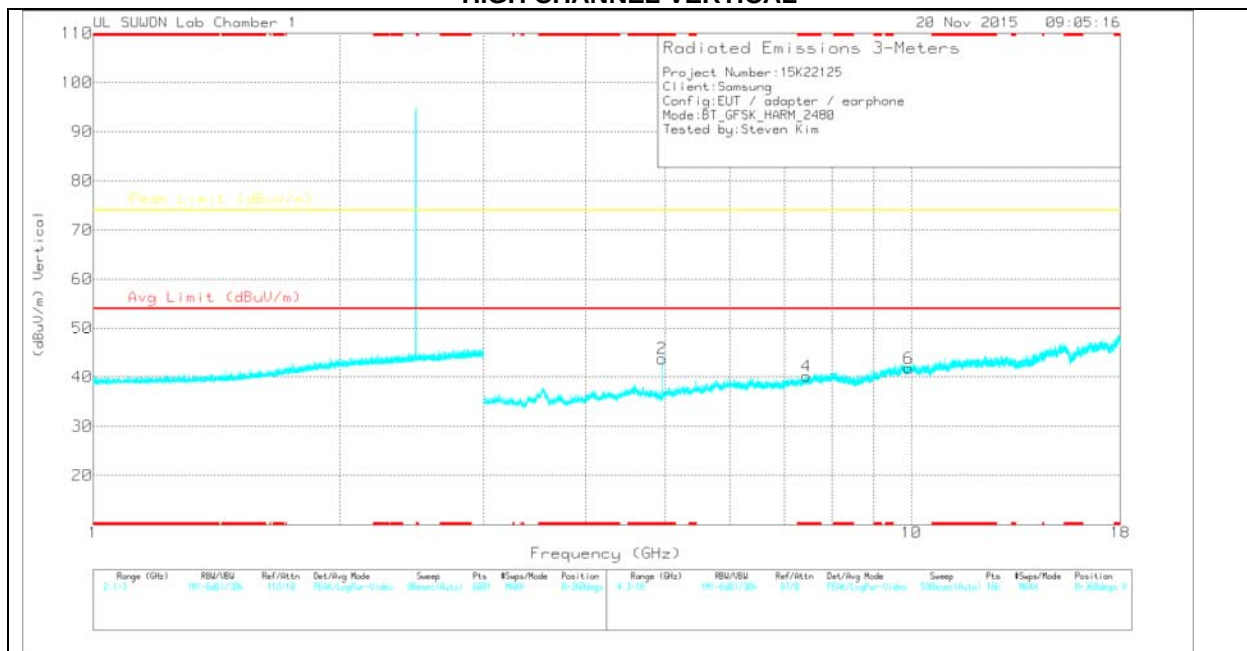
PK2 - KDB558074 Method: Maximum Peak

VA1T - FHSS: Linear Voltage Average $V_B = 1/T_{on}$ where: T_{on} is transmit duration

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(0016 8717)_150 619	Path_3	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 4.96	43.23	PK	34	-33.1	44.13	-	-	74	-29.87	0-360	100	H
3	* 7.443	34.19	PK	35.8	-29.9	40.09	-	-	74	-33.91	0-360	200	H
5	9.925	31.21	PK	37.4	-26.5	42.11	-	-	74	-31.89	0-360	200	H
2	* 4.959	42.83	PK	34	-33.1	43.73	-	-	74	-30.27	0-360	200	V
4	* 7.44	34.27	PK	35.8	-29.9	40.17	-	-	74	-33.83	0-360	100	V
6	9.919	30.96	PK	37.4	-26.6	41.76	-	-	74	-32.24	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	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
* 4.96	50.51	PK2	34	-33.1	51.41	-	-	74	-22.59	297	146	H
* 4.96	42.81	VA1T	34	-33.1	43.71	54	-10.29	-	-	297	146	H
* 4.96	49.5	PK2	34	-33.1	50.4	-	-	74	-23.6	296	319	V
* 4.96	40.59	VA1T	34	-33.1	41.49	54	-12.51	-	-	296	319	V

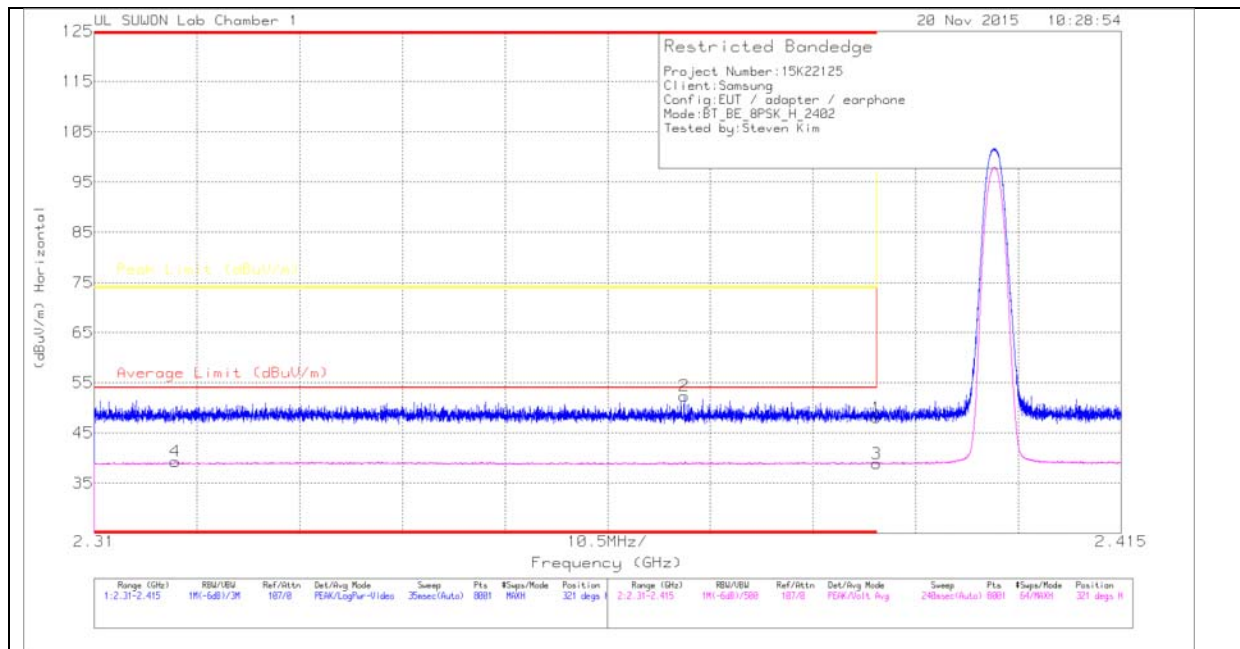
* - indicates frequency in CFR15.205/IC7.2.2 Restricted Band

PK2 - KDB558074 Method: Maximum Peak

VA1T - FHSS: Linear Voltage Average $V_B = 1/T_{on}$ where: T_{on} is transmit duration

9.2.2. ENHANCED DATA RATE 8PSK MODULATION RESTRICTED BANDEDGE (LOW CHANNEL)

HORIZONTAL PEAK AND AVERAGE PLOT



HORIZONTAL DATA

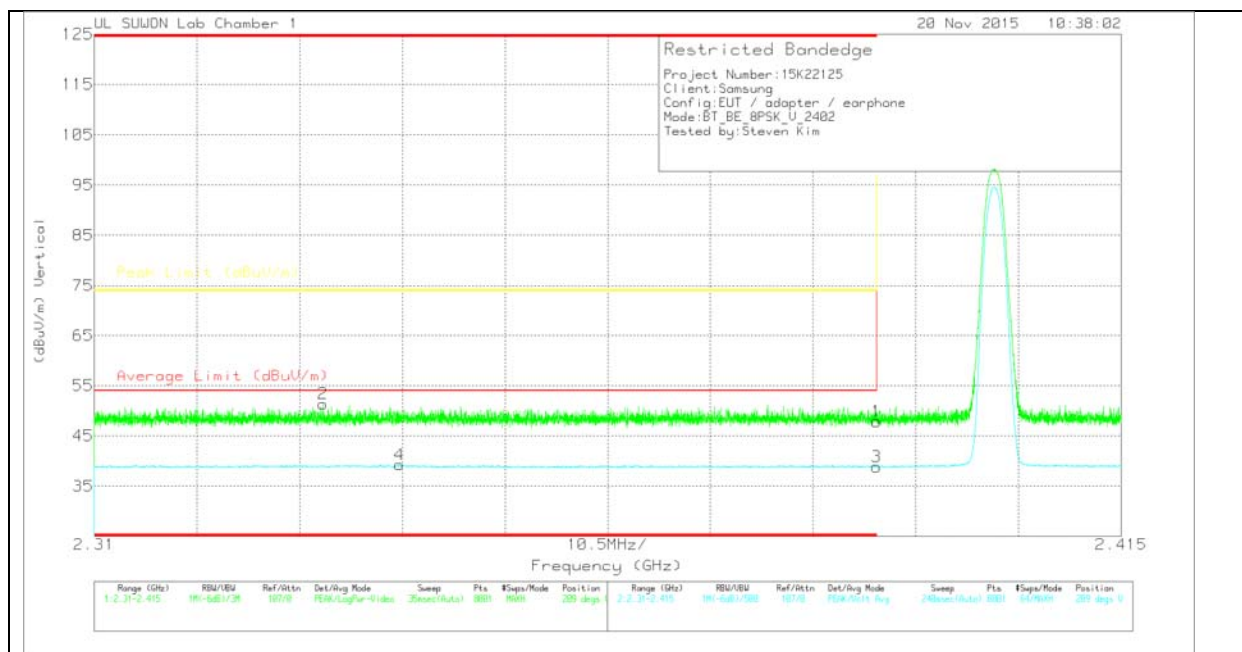
Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	3117(0016 8717)_150 619	Path_2	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	44.66	Pk	31.8	-28.4	48.06	-	-	74	-25.94	321	102	H
2	* 2.37	49.07	Pk	31.8	-28.5	52.37	-	-	74	-21.63	321	102	H
3	* 2.39	35.51	V1TV	31.8	-28.4	38.91	54	-15.09	-	-	321	102	H
4	* 2.318	36.15	V1TV	31.7	-28.5	39.35	54	-14.65	-	-	321	102	H

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

Pk - Peak detector

VERTICAL PEAK AND AVERAGE PLOT



VERTICAL DATA

Trace Markers

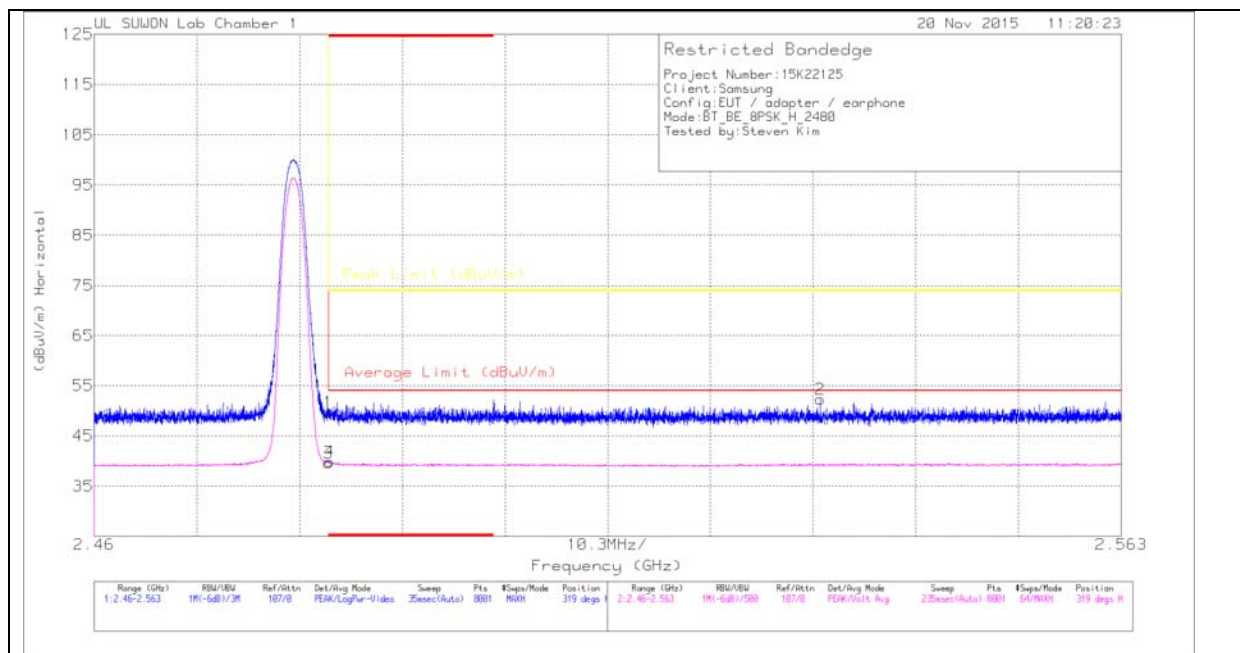
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	3117(0016 8717)_150 619	Path_2	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.39	44.48	Pk	31.8	-28.4	47.88	-	-	74	-26.12	209	381	V
2	* 2.333	48.2	Pk	31.7	-28.5	51.4	-	-	74	-22.6	209	381	V
3	* 2.39	35.47	V1TV	31.8	-28.4	38.87	54	-15.13	-	-	209	381	V
4	* 2.341	36.09	V1TV	31.7	-28.5	39.29	54	-14.71	-	-	209	381	V

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

Pk - Peak detector

AUTHORIZED BANDEDGE (HIGH CHANNEL)

HORIZONTAL PEAK AND AVERAGE PLOT



HORIZONTAL DATA

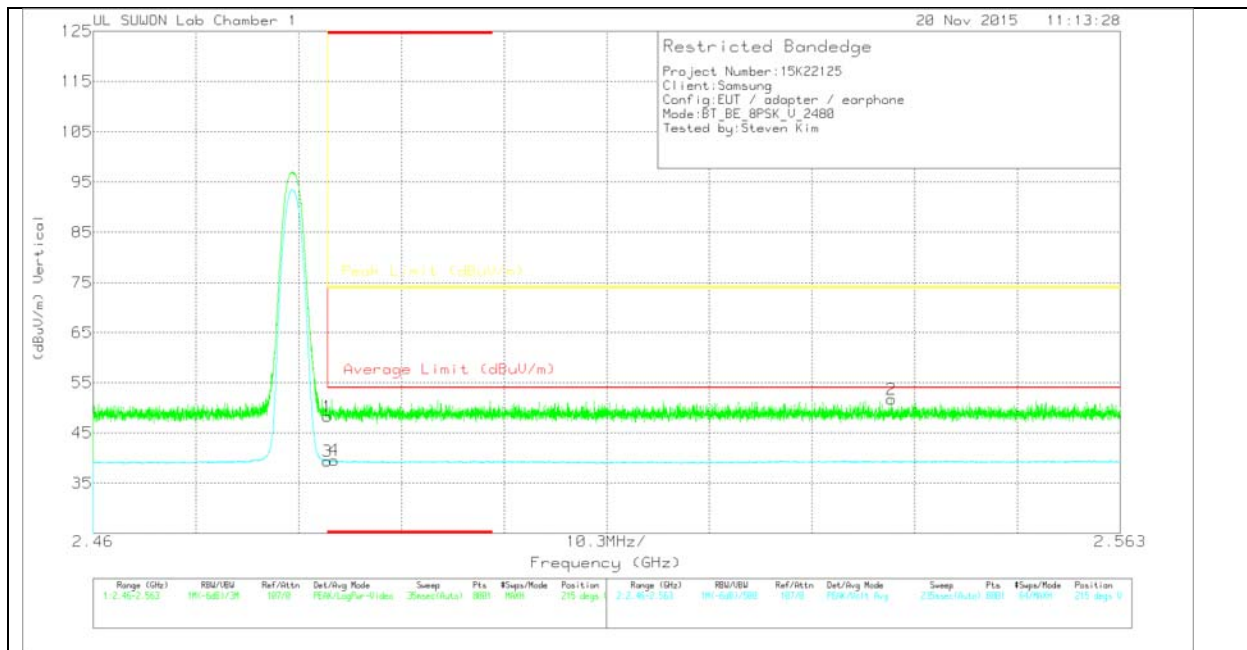
Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	3117(0016 8717)_150 619	Path_2	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	45.98	Pk	32	-28.3	49.68	-	-	74	-24.32	319	100	H
2	2.533	48.59	Pk	32	-28.3	52.29	-	-	74	-21.71	319	100	H
3	* 2.484	35.98	V1TV	32	-28.3	39.68	54	-14.32	-	-	319	100	H
4	* 2.484	36.18	V1TV	32	-28.3	39.88	54	-14.12	-	-	319	100	H

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

Pk - Peak detector

VERTICAL PEAK AND AVERAGE PLOT



VERTICAL DATA

Trace Markers

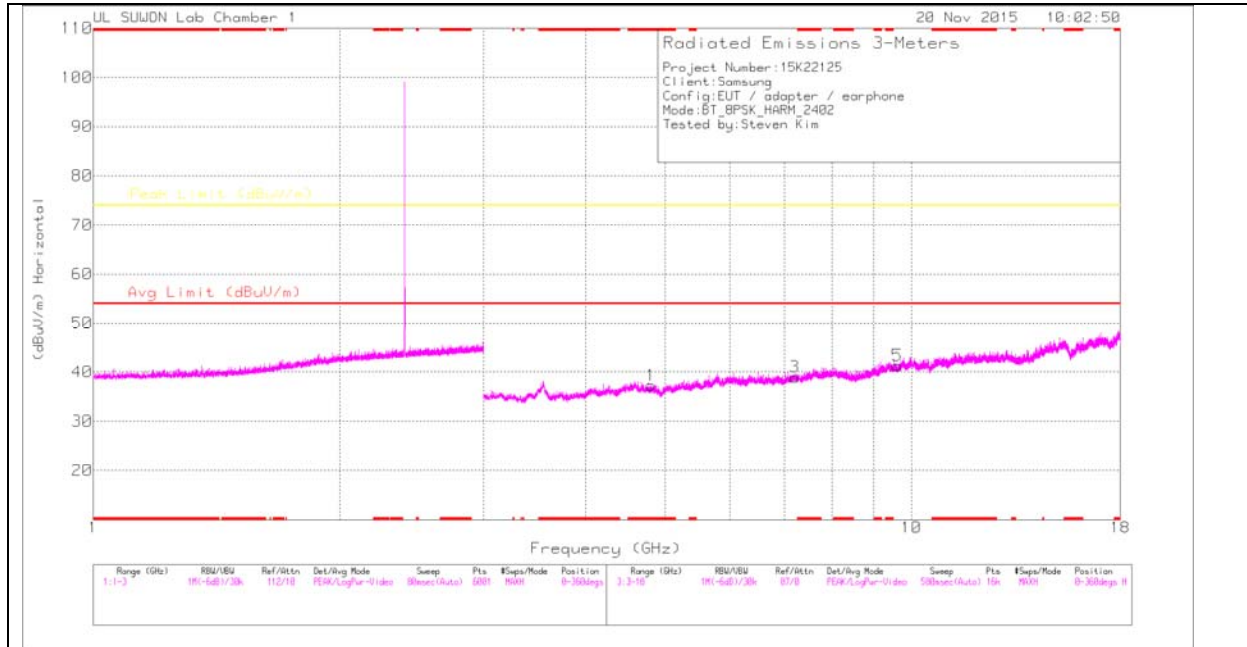
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	3117(0016 8717)_150 619	Path_2	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.484	44.59	Pk	32	-28.3	48.29	-	-	74	-25.71	215	292	V
2	2.54	47.91	Pk	32	-28.2	51.71	-	-	74	-22.29	215	292	V
3	* 2.484	35.7	V1TV	32	-28.3	39.4	54	-14.6	-	-	215	292	V
4	* 2.484	35.88	V1TV	32	-28.3	39.58	54	-14.42	-	-	215	292	V

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

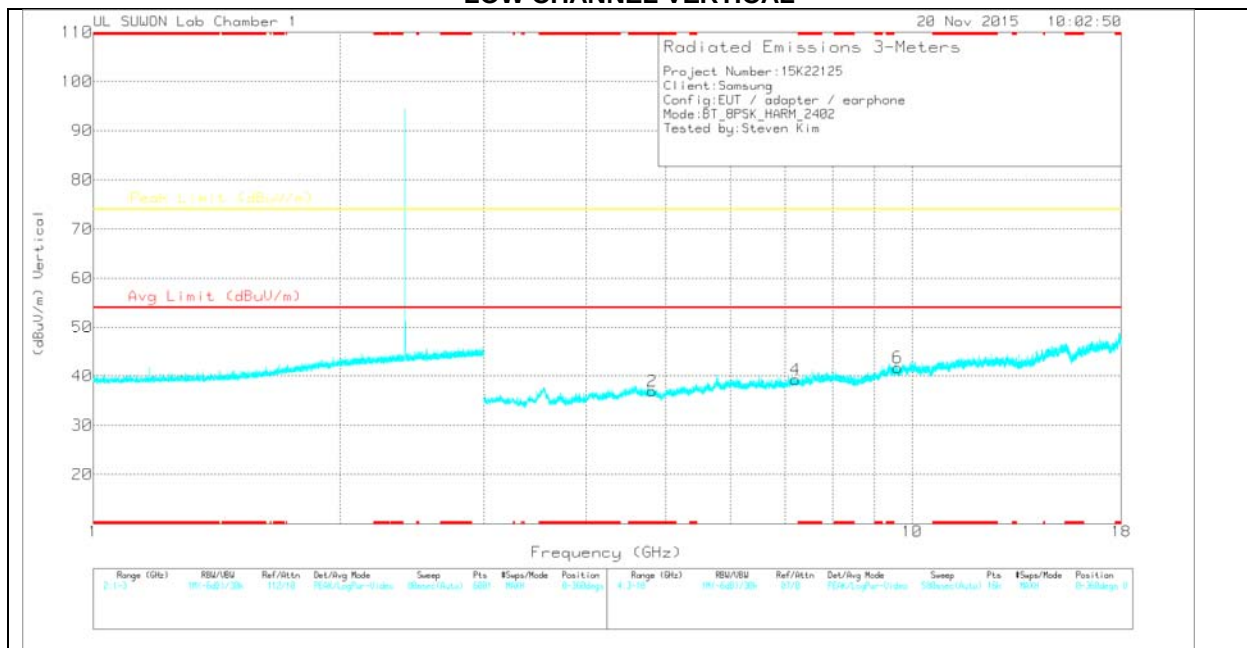
Pk - Peak detector

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

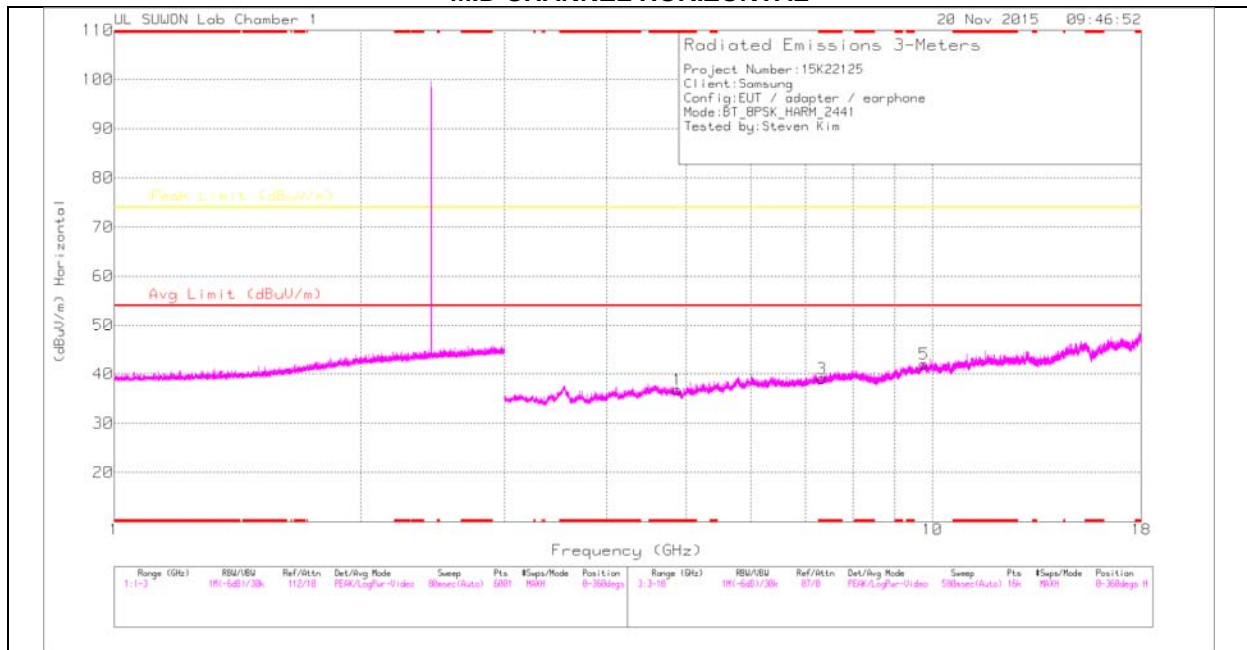
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	3117(0016 8717)_150 619	Path_3	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 4.804	36.28	PK	34	-33	37.28	-	-	74	-36.72	0-360	200	H
3	7.205	33.29	PK	35.7	-30	38.99	-	-	74	-35.01	0-360	100	H
5	9.612	30.92	PK	37	-26.6	41.32	-	-	74	-32.68	0-360	100	H
2	* 4.814	35.93	PK	34	-33	36.93	-	-	74	-37.07	0-360	200	V
4	7.203	33.59	PK	35.7	-30	39.29	-	-	74	-34.71	0-360	100	V
6	9.607	31.31	PK	37	-26.6	41.71	-	-	74	-32.29	0-360	100	V

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

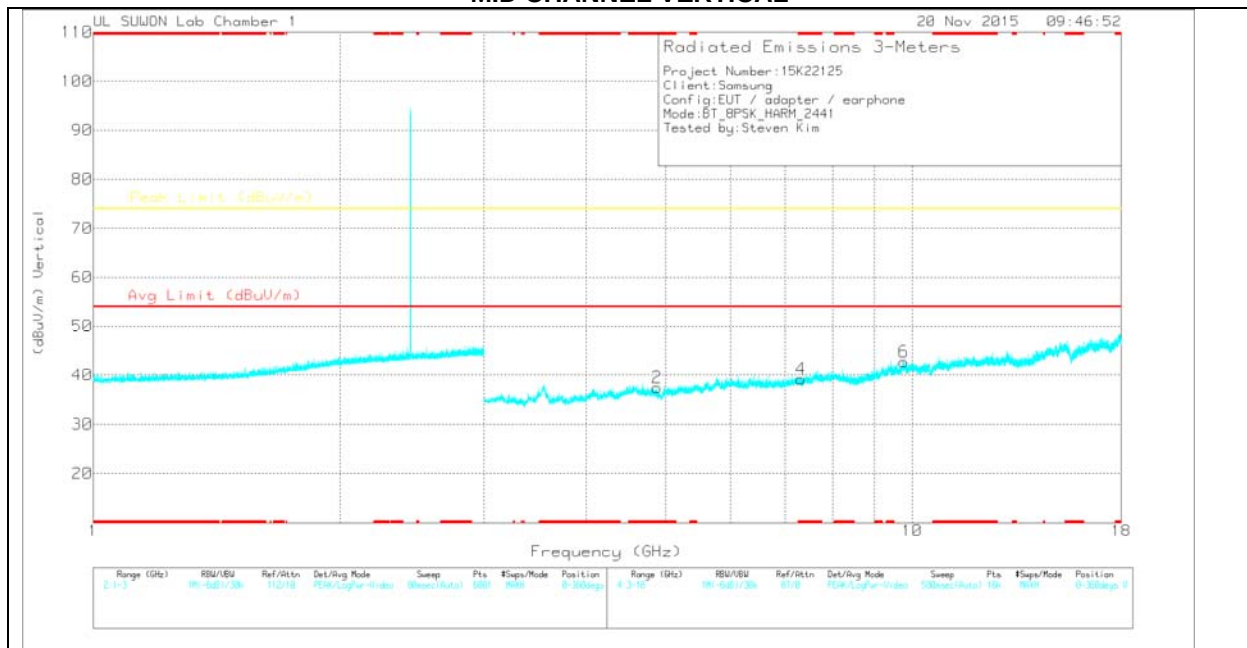
PK – Peak Detector

Note: Only peak measurement was performed. Because peak measurement result of unwanted emission is less than average limit (54dBuV/m).

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

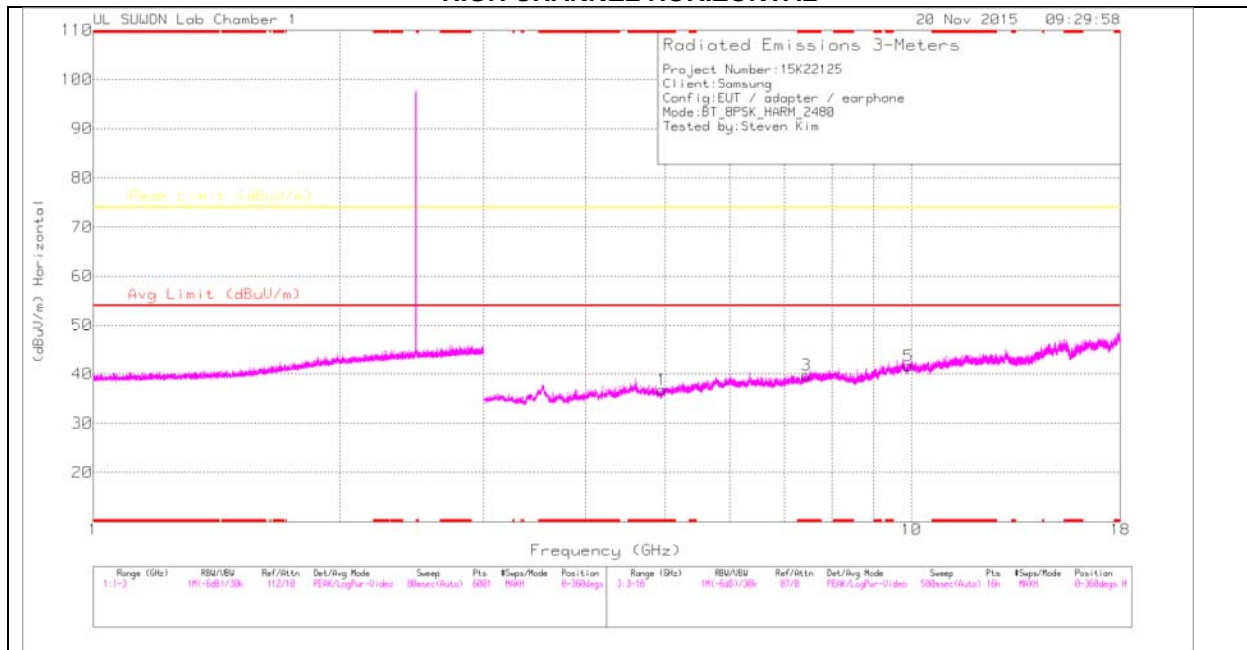
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	3117(0016 8717)_150 619	Path_3	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 4.881	35.9	PK	34	-33.1	36.8	-	-	74	-37.2	0-360	100	H
3	* 7.325	33.26	PK	35.8	-30	39.06	-	-	74	-34.94	0-360	100	H
5	9.767	30.84	PK	37.2	-26	42.04	-	-	74	-31.96	0-360	200	H
2	* 4.881	36.58	PK	34	-33.1	37.48	-	-	74	-36.52	0-360	200	V
4	* 7.32	33.4	PK	35.8	-30	39.2	-	-	74	-34.8	0-360	100	V
6	9.765	31.5	PK	37.2	-26	42.7	-	-	74	-31.3	0-360	200	V

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

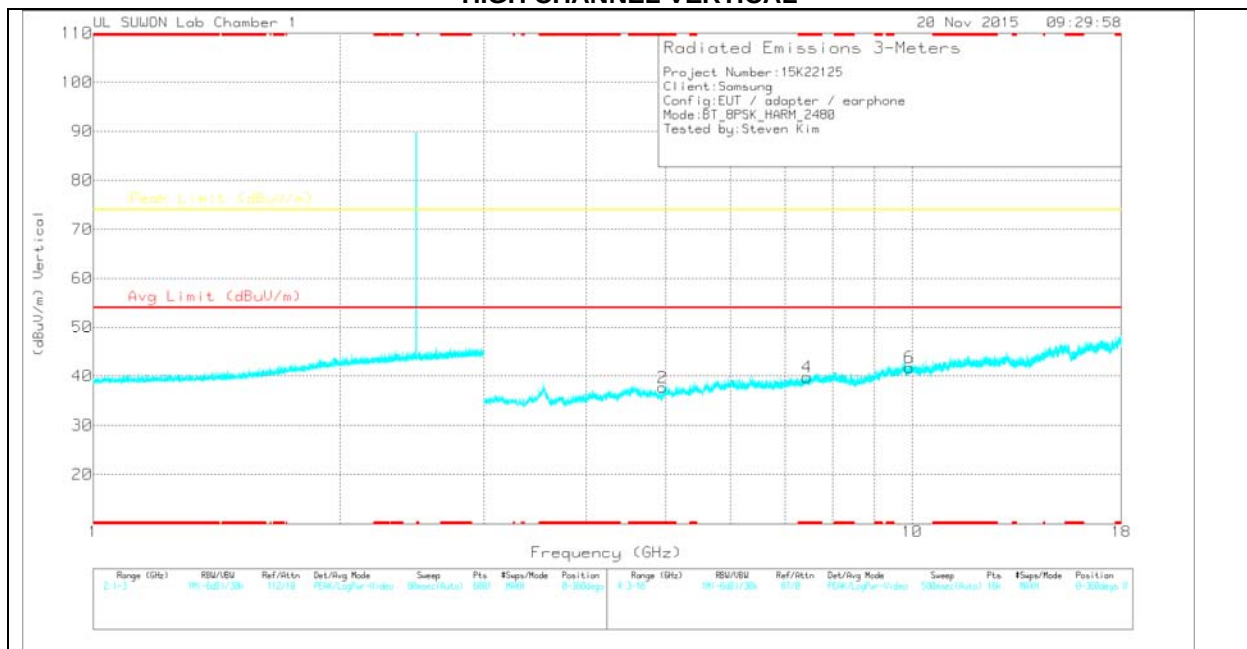
PK – Peak Detector

Note: Only peak measurement was performed. Because peak measurement result of unwanted emission is less than average limit (54dBuV/m).

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(0016 8717)_150 619	Path_3	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 4.96	35.89	PK	34	-33.1	36.79	-	-	74	-37.21	0-360	100	H
3	* 7.443	33.86	PK	35.8	-29.9	39.76	-	-	74	-34.24	0-360	200	H
5	9.918	30.85	PK	37.4	-26.6	41.65	-	-	74	-32.35	0-360	200	H
2	* 4.959	36.75	PK	34	-33.1	37.65	-	-	74	-36.35	0-360	200	V
4	* 7.441	33.86	PK	35.8	-29.9	39.76	-	-	74	-34.24	0-360	200	V
6	9.922	30.81	PK	37.4	-26.5	41.71	-	-	74	-32.29	0-360	200	V

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

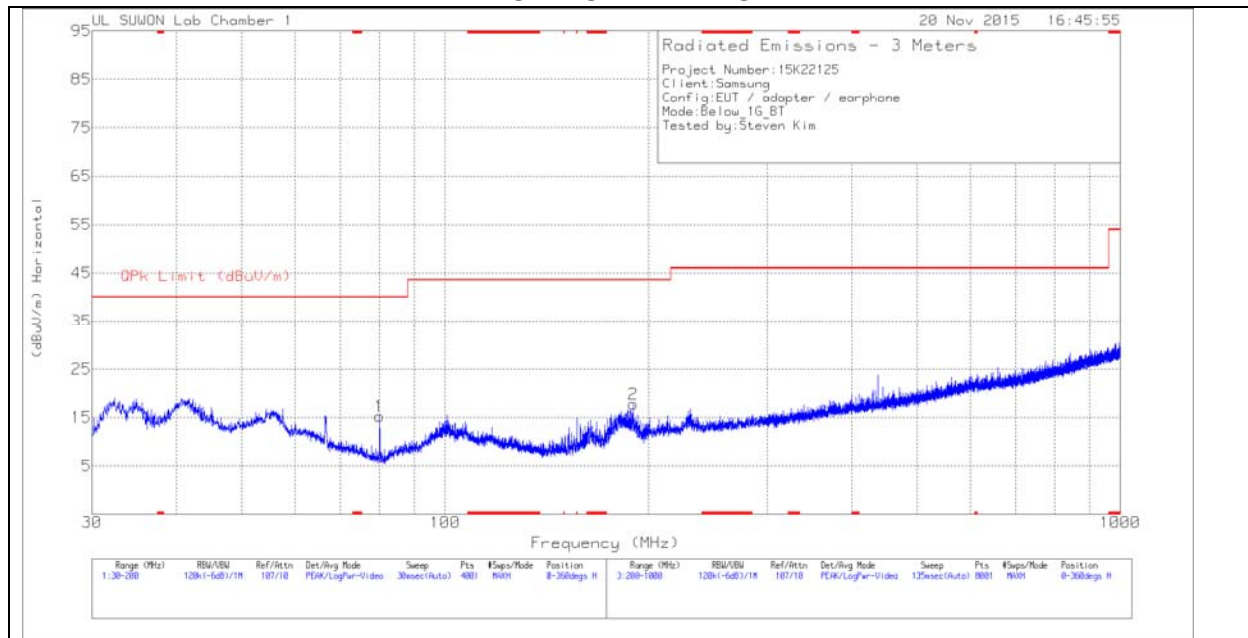
PK – Peak Detector

Note: Only peak measurement was performed. Because peak measurement result of unwanted emission is less than average limit (54dBuV/m).

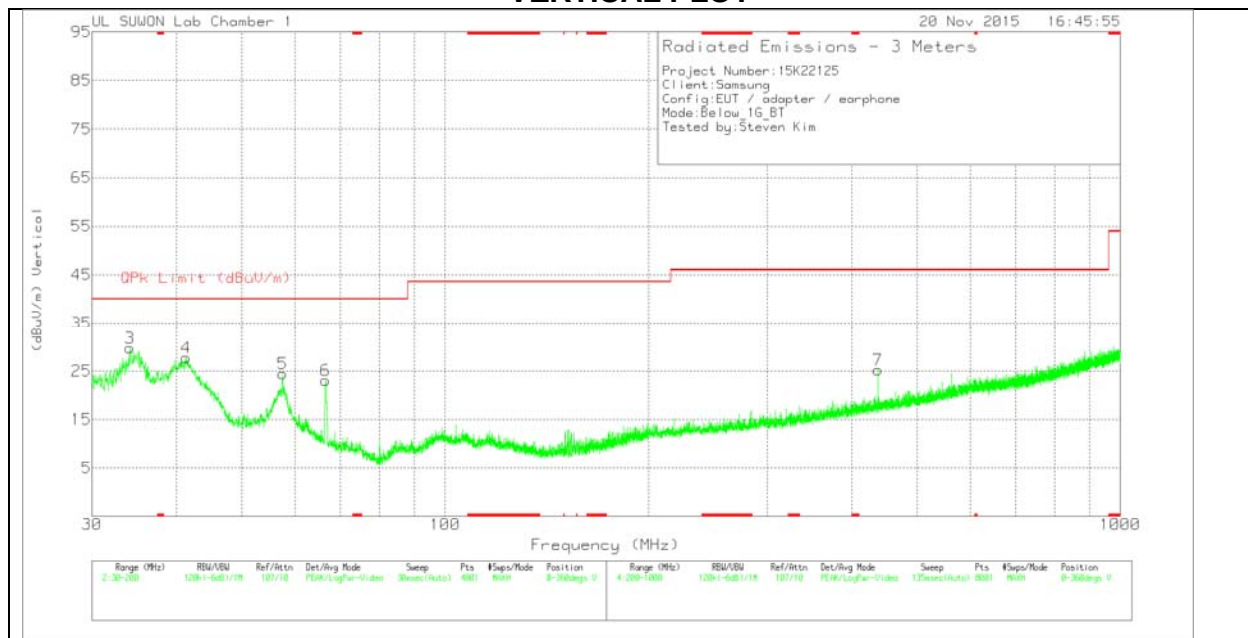
9.3. WORST-CASE BELOW 1 GHz

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

HORIZONTAL PLOT



VERTICAL PLOT



BELOW 1 GHz TABLE

Trace Markers

Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	VULB9163-750	Bi-Log	Corrected Reading (dBuV/m)	QPk Limit (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	79.98	37.96	Pk	6.9	-29.6	15.26	40	-24.74	0-360	400	H
2	189.8425	35.66	Pk	10.4	-28.3	17.76	43.52	-25.76	0-360	100	H
3	34.165	49.79	Pk	10.4	-30.4	29.79	40	-10.21	0-360	100	V
4	41.39	45.25	Pk	12.8	-30.3	27.75	40	-12.25	0-360	100	V
5	57.4975	41.45	Pk	13	-30	24.45	40	-15.55	0-360	100	V
6	66.5925	42.18	Pk	10.7	-29.8	23.08	40	-16.92	0-360	100	V
7	437.5	35.78	Pk	16.1	-26.6	25.28	46.02	-20.74	0-360	100	V

Pk - Peak detector

10. AC POWER LINE CONDUCTED EMISSIONS

LIMITS

FCC §15.207 (a)

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

* Decreases with the logarithm of the frequency.

TEST PROCEDURE

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

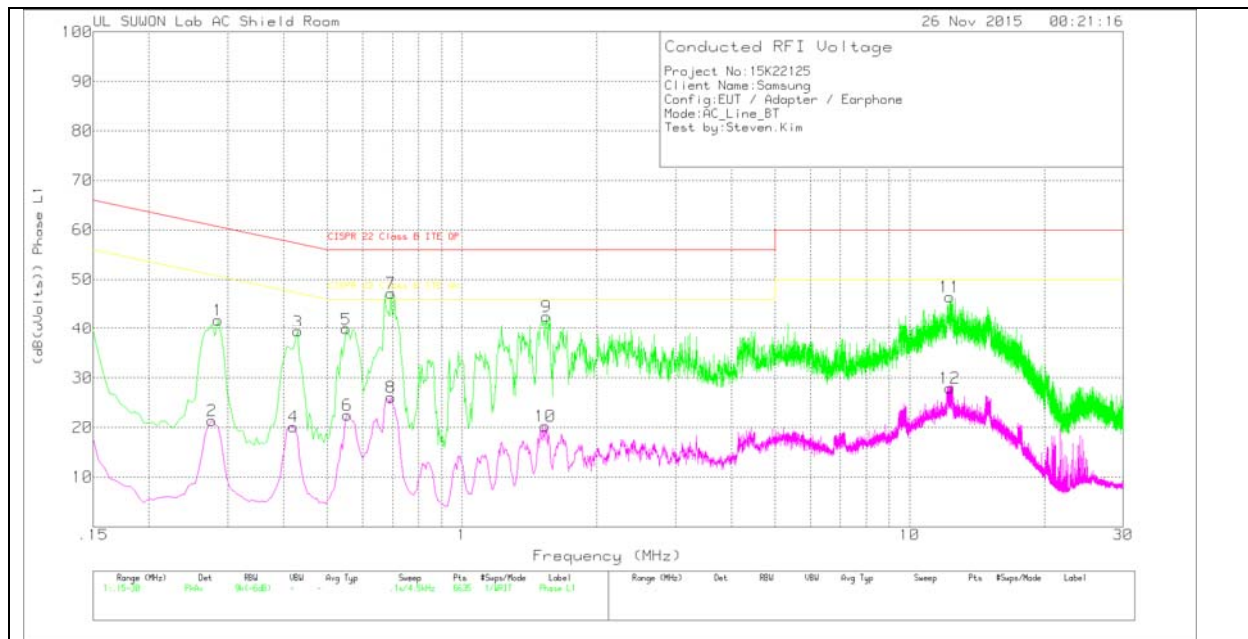
The receiver is set to a resolution bandwidth of 9 kHz. Peak detection is used unless otherwise noted as quasi-peak or average.

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

RESULTS

6 WORST EMISSIONS

LINE 1 PLOT



LINE 1 RESULTS

Trace Markers

Phase L1 .15 - 30MHz

Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	101837_w ith ex- cord_L1	CE Shield Room	Corrected Reading (dB(uVolts))	CISPR 22 Class B ITE QP	Margin (dB)	CISPR 22 Class B ITE AV	Margin (dB)
1	.285	31.97	Pk	9.8	0	41.77	60.67	-18.9	-	-
2	.276	11.55	Av	9.8	0	21.35	-	-	50.94	-29.59
3	.429	29.32	Pk	10.1	0	39.42	57.27	-17.85	-	-
4	.42	10	Av	10.1	0	20.1	-	-	47.45	-27.35
5	.5505	29.82	Pk	10.1	0	39.92	56	-16.08	-	-
6	.555	12.35	Av	10.1	0	22.45	-	-	46	-23.55
7	.6945	37.12	Pk	10.1	0	47.22	56	-8.78	-	-
8	.6945	15.93	Av	10.1	0	26.03	-	-	46	-19.97
9	1.545	32.59	Pk	9.8	.1	42.49	56	-13.51	-	-
10	1.536	10.39	Av	9.8	.1	20.29	-	-	46	-25.71
11	12.282	36.32	Pk	10	.2	46.52	60	-13.48	-	-
12	12.3045	17.77	Av	10	.2	27.97	-	-	50	-22.03

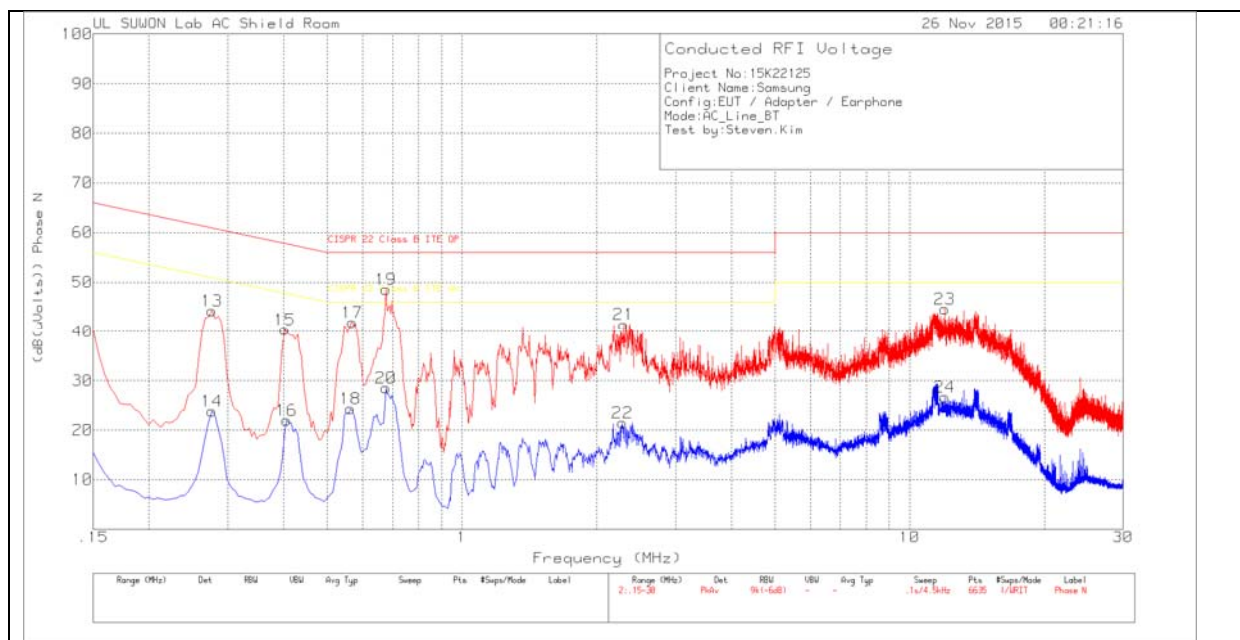
Pk - Peak detector

Av - Average detection

Phase L1 .15 - 30MHz

Frequency (MHz)	Meter Reading (dBuV)	Det	101837_wit h ex-cord_L1	CE Shield Room	Corrected Reading (dB(uVolts))	CISPR 22 Class B ITE QP	Margin (dB)	CISPR 22 Class B ITE AV	Margin (dB)
.2823	25.21	Qp	9.8	0	35.01	60.75	-25.74	-	-
.4272	20.42	Qp	10.1	0	30.52	57.31	-26.79	-	-
.555	21.96	Qp	10.1	0	32.06	56	-23.94	-	-
.699	26.17	Qp	10.1	0	36.27	56	-19.73	-	-
1.5441	18.32	Qp	9.8	.1	28.22	56	-27.78	-	-
12.2793	22.89	Qp	10	.2	33.09	60	-26.91	-	-

Qp - Quasi-Peak detector



LINE 2 RESULTS

Trace Markers

Phase N .15 - 30MHz

Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	101837_w ith ex-cord_N	CE Shield Room	Corrected Reading (dB(uVolts))	CISPR 22 Class B ITE QP	Margin (dB)	CISPR 22 Class B ITE AV	Margin (dB)
13	.276	34.49	Pk	9.8	0	44.29	60.94	-16.65	-	-
14	.276	14.02	Av	9.8	0	23.82	-	-	50.94	-27.12
15	.402	30.28	Pk	10.1	0	40.38	57.81	-17.43	-	-
16	.4065	11.92	Av	10.1	0	22.02	-	-	47.72	-25.7
17	.5685	31.8	Pk	10.1	0	41.9	56	-14.1	-	-
18	.564	14.21	Av	10.1	0	24.31	-	-	46	-21.69
19	.6765	38.57	Pk	10	0	48.57	56	-7.43	-	-
20	.6765	18.58	Av	10	0	28.58	-	-	46	-17.42
21	2.301	31.57	Pk	9.8	.1	41.47	56	-14.53	-	-
22	2.283	11.6	Av	9.8	.1	21.5	-	-	46	-24.5
23	11.985	34.29	Pk	10.1	.2	44.59	60	-15.41	-	-
24	11.985	16.42	Av	10.1	.2	26.72	-	-	50	-23.28

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 (dB(uVolts))	CISPR 22 Class B ITE QP	Margin (dB)	CISPR 22 Class B ITE AV	Margin (dB)
.2805	28.15	Qp	9.8	0	37.95	60.8	-22.85	-	-
.4065	23.13	Qp	10.1	0	33.23	57.72	-24.49	-	-
.5694	25.56	Qp	10.1	0	35.66	56	-20.34	-	-
.6747	29.11	Qp	10	0	39.11	56	-16.89	-	-
2.301	18.61	Qp	9.8	.1	28.51	56	-27.49	-	-
11.9895	26.71	Qp	10.1	.2	37.01	60	-22.99	-	-

Qp - Quasi-Peak detector