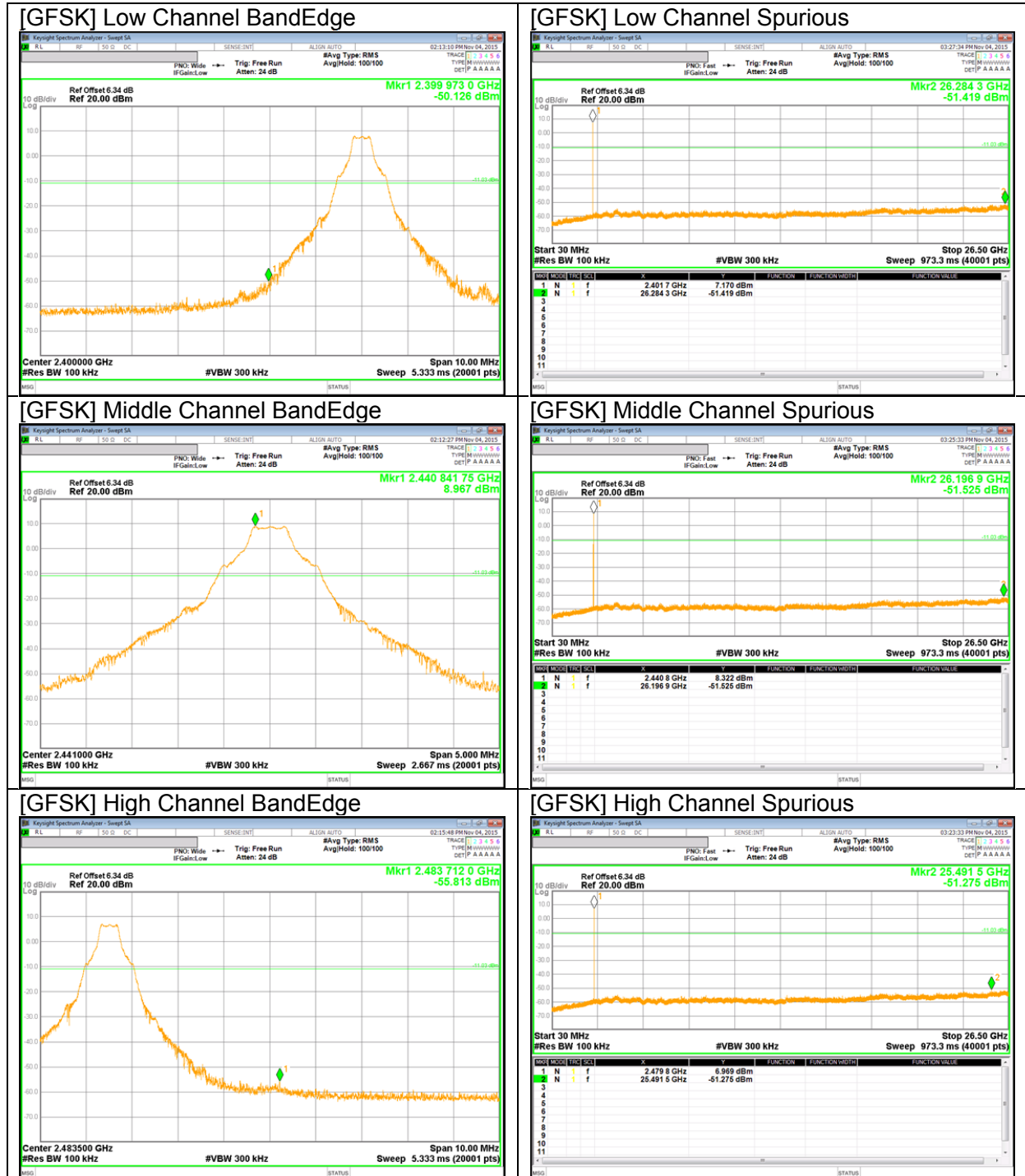


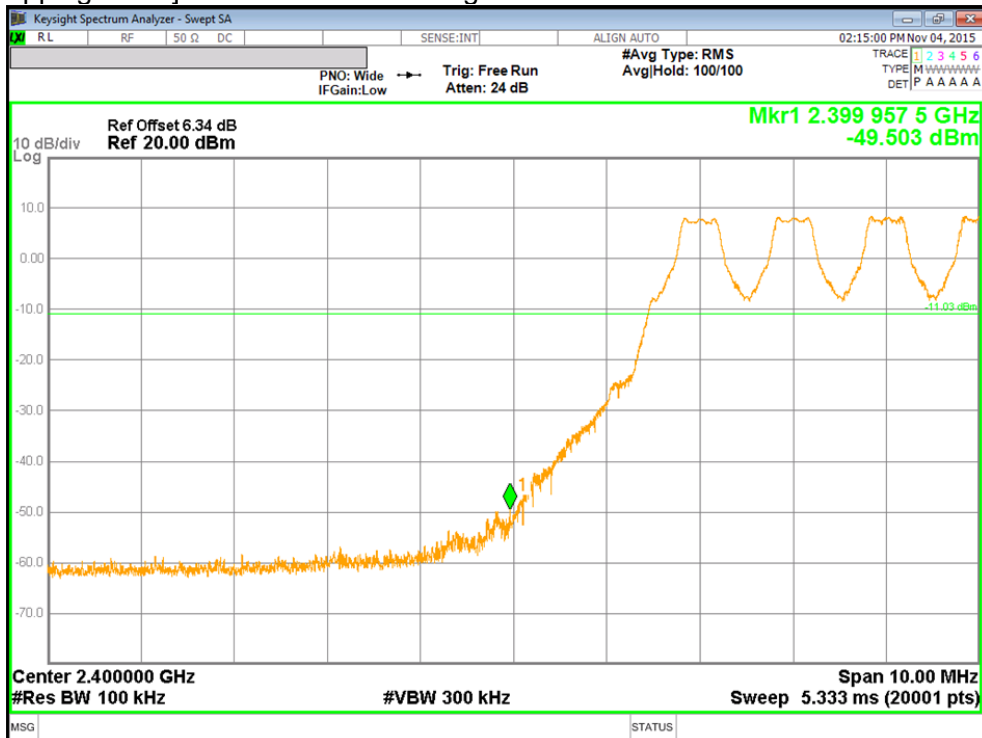
8.7.1. BASIC DATA RATE GFSK MODULATION

GFSK Mode

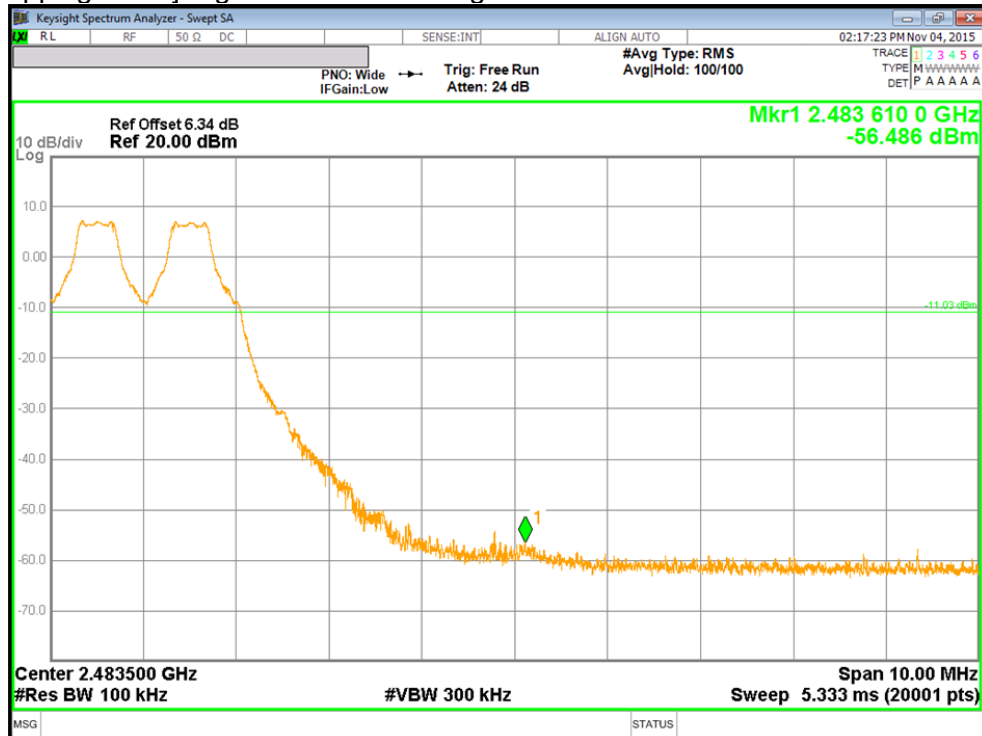


BandEdge Emission at GFSK Hopping Mode

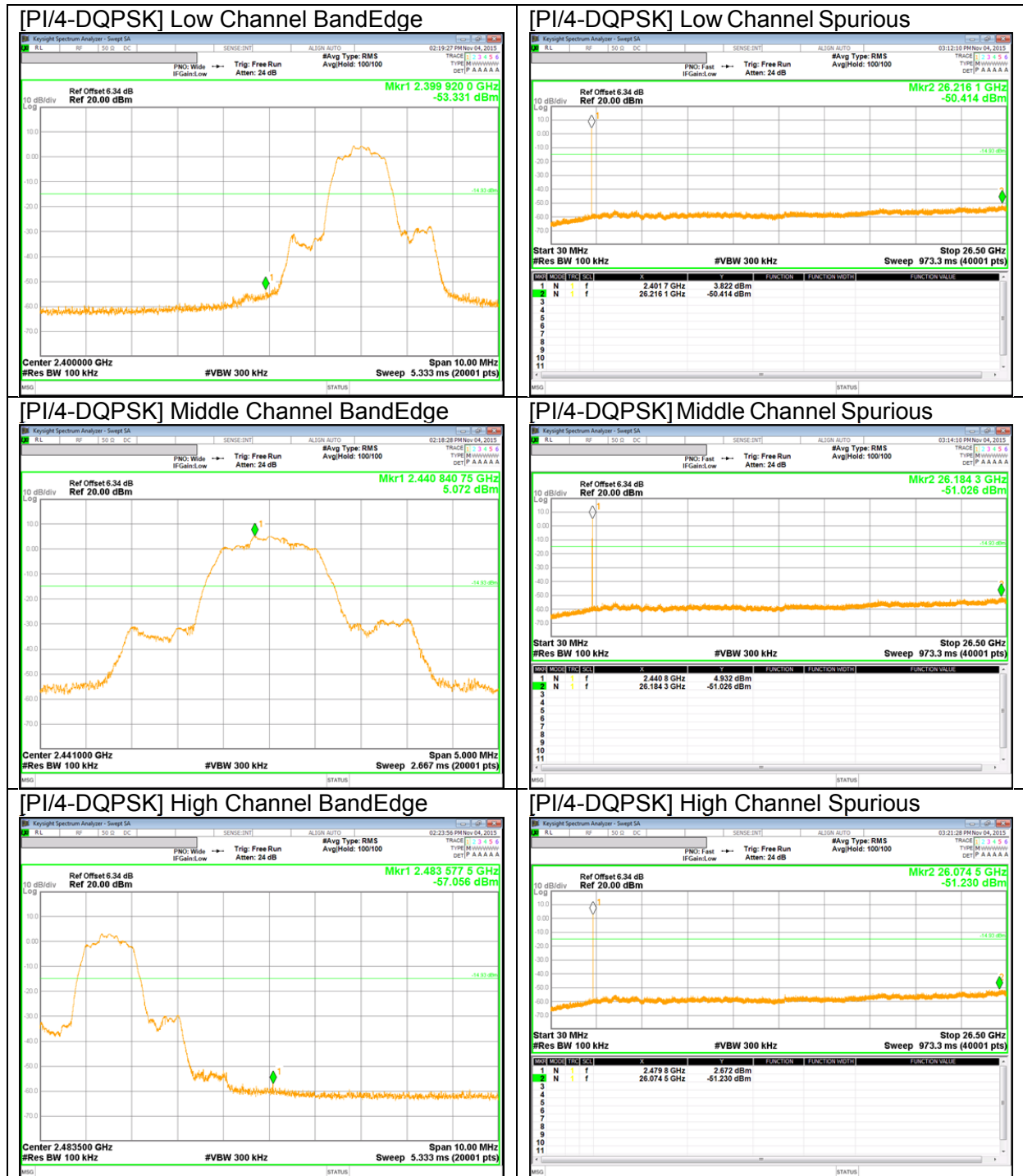
[GFSK Hopping Mode] Low Channel BandEdge



[GFSK Hopping Mode] High Channel BandEdge

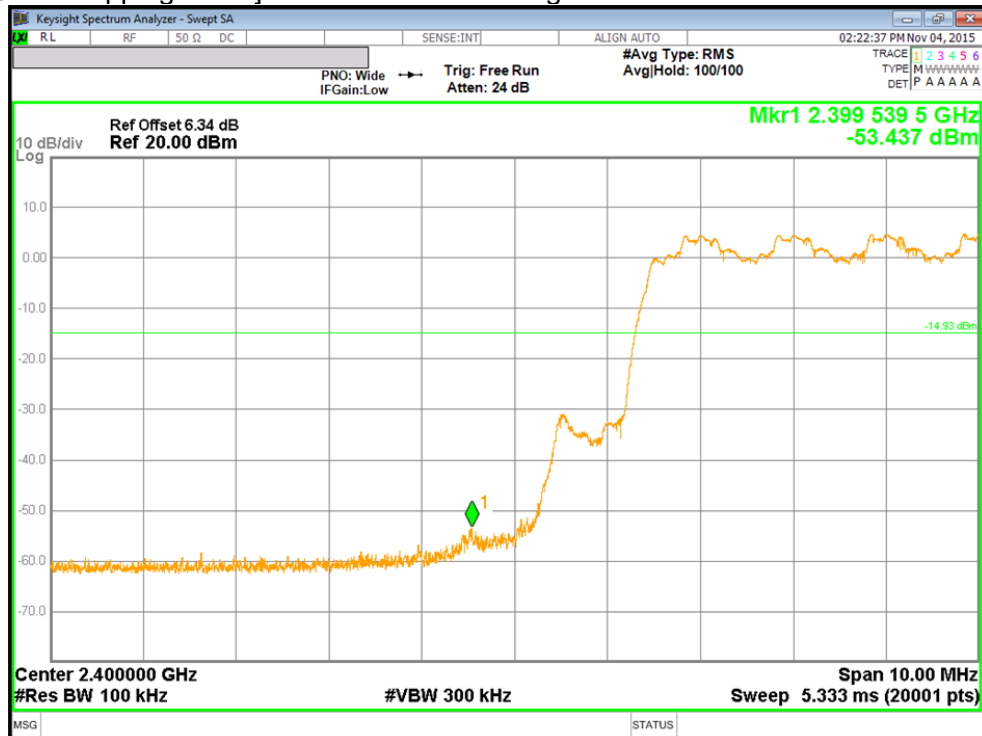


PI/4-DQPSK Mode

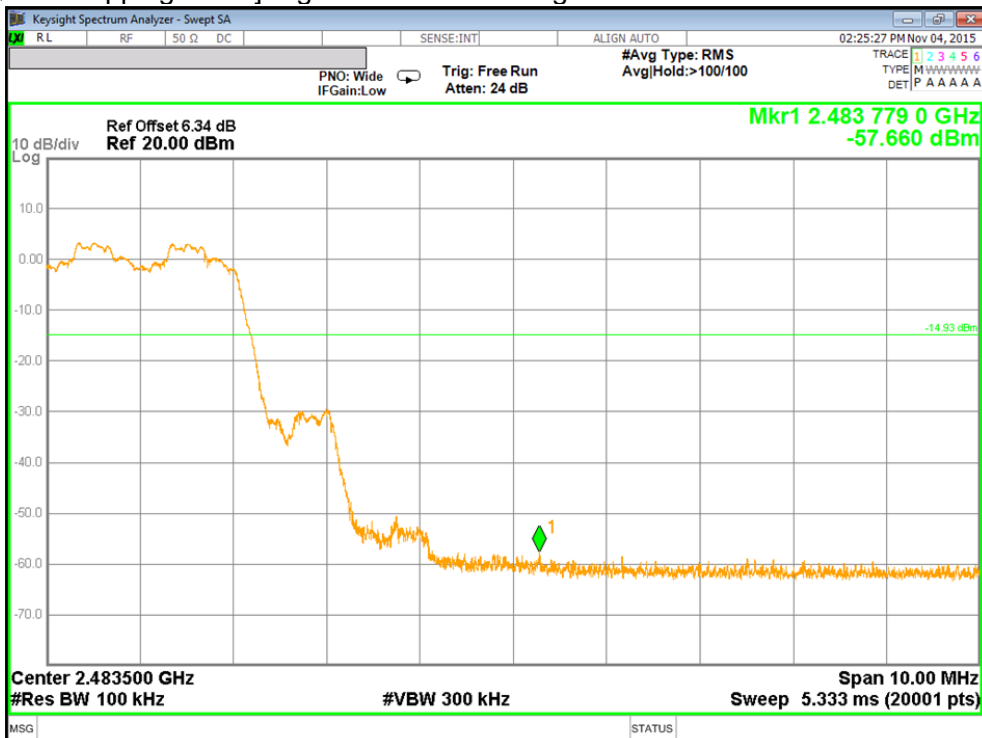


BandEdge Emission at PI/4-DQPSK Hopping Mode

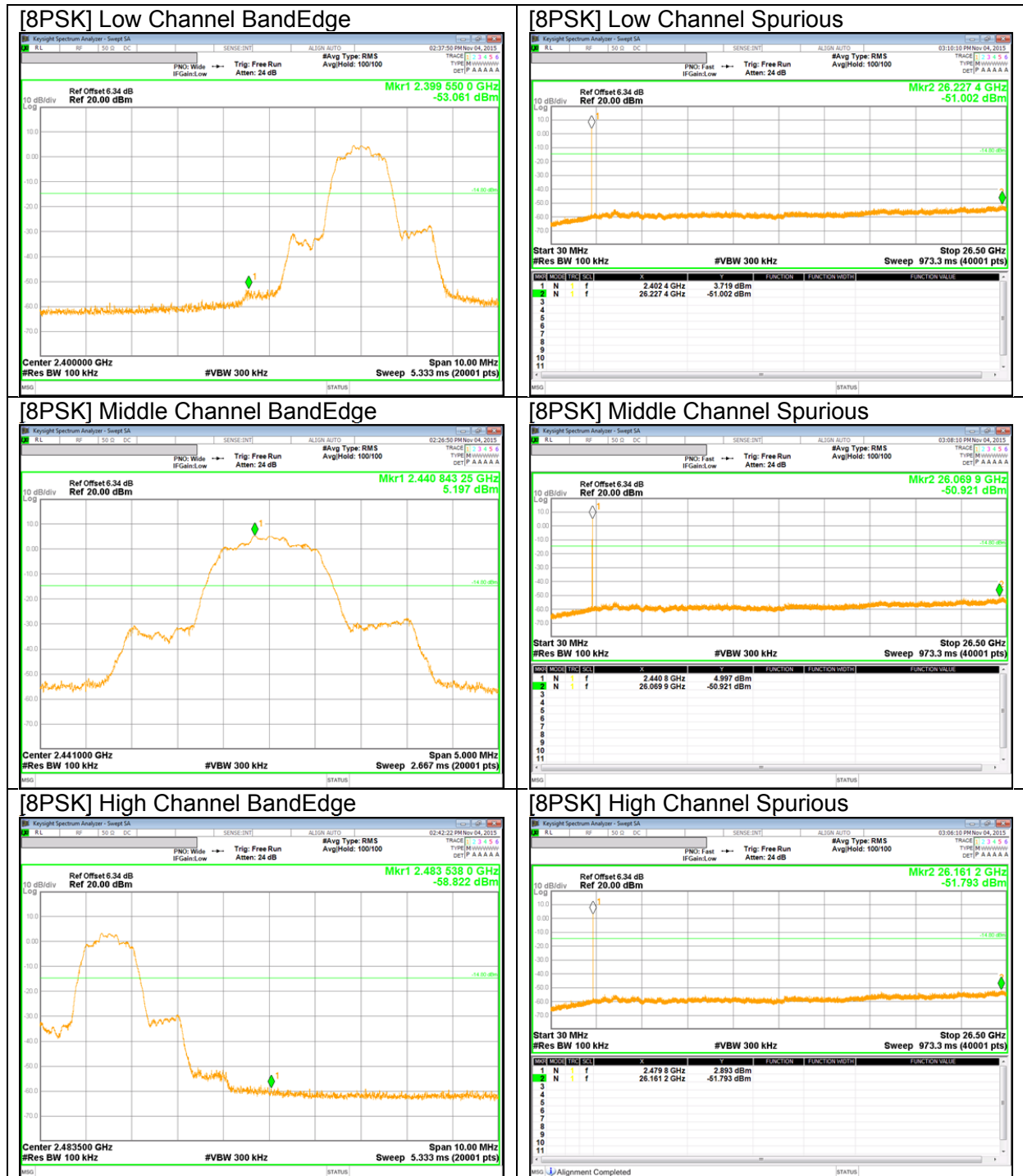
[PI/4-DQPSK Hopping Mode] Low Channel BandEdge



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

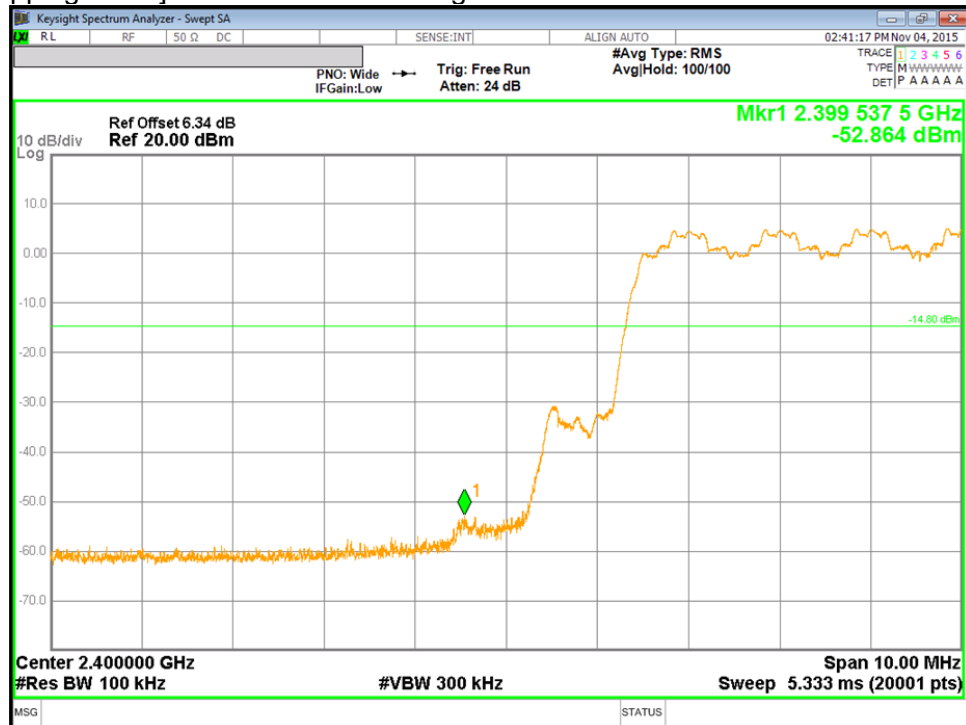


8PSK Mode

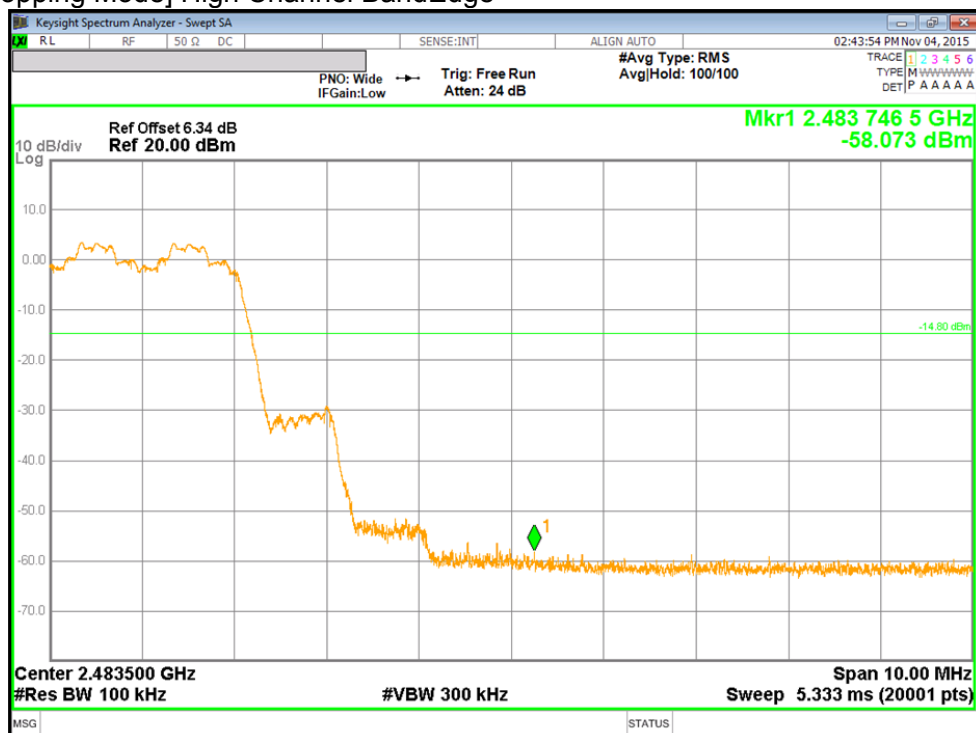


BandEdge Emission at 8PSK Hopping Mode

[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.

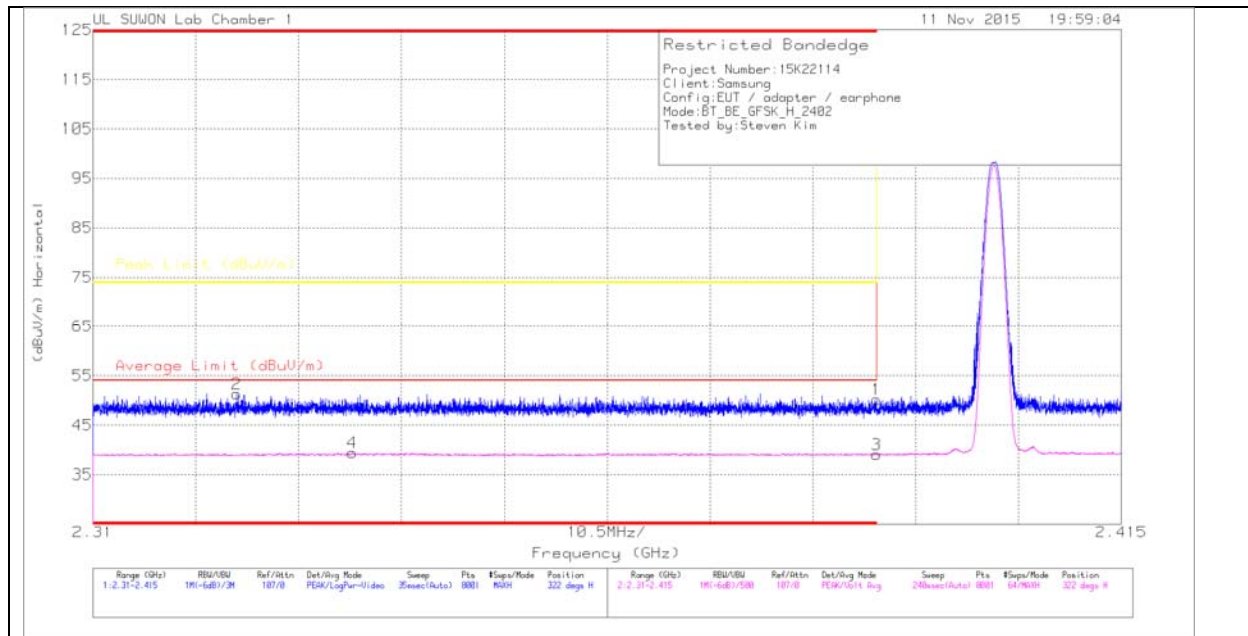
The frequency range of interest is monitored at a fixed antenna height and EUT azimuth. The EUT is rotated through 360 degrees to maximize emissions received. The antenna is scanned from 1 to 4 meters above the ground plane to further maximize the emission. Measurements are made with the antenna polarized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

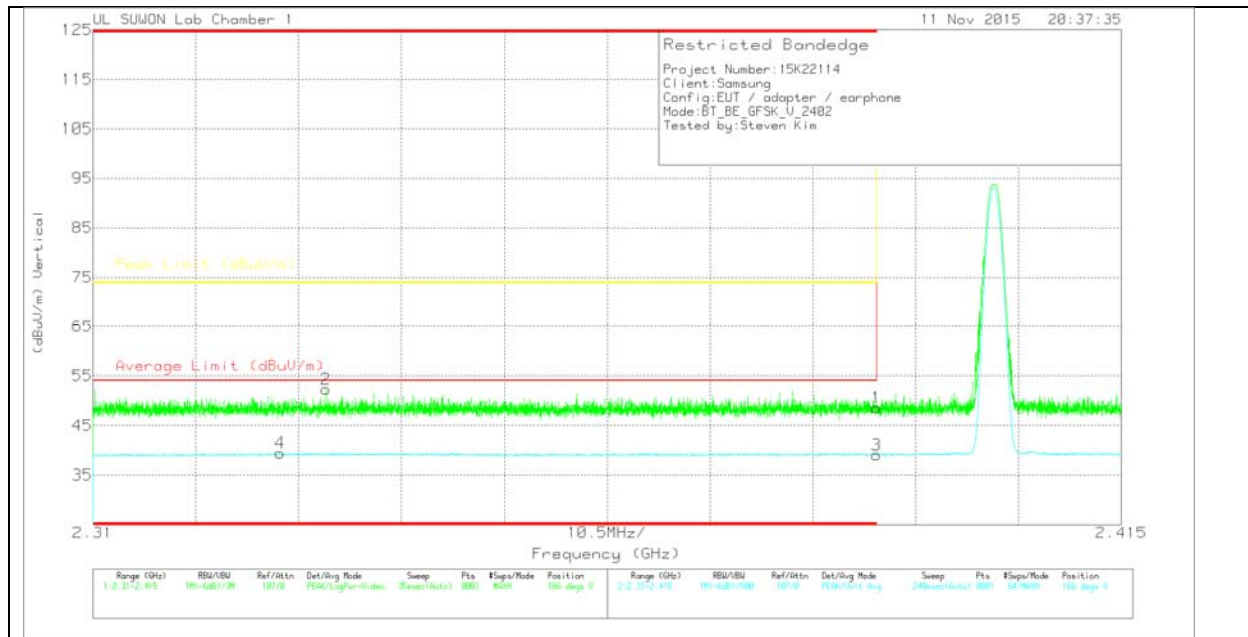
Trace Markers

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	46.82	Pk	31.8	-28.4	50.22	-	-	74	-23.78	322	105	H
2	* 2.325	48.15	Pk	31.7	-28.5	51.35	-	-	74	-22.65	322	105	H
3	* 2.39	35.65	V1TV	31.8	-28.4	39.05	54	-14.95	-	-	322	105	H
4	* 2.336	36.2	V1TV	31.7	-28.5	39.4	54	-14.6	-	-	322	105	H

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

Pk - Peak detector

VERTICAL PEAK AND AVERAGE PLOT



VERTICAL DATA

Trace Markers

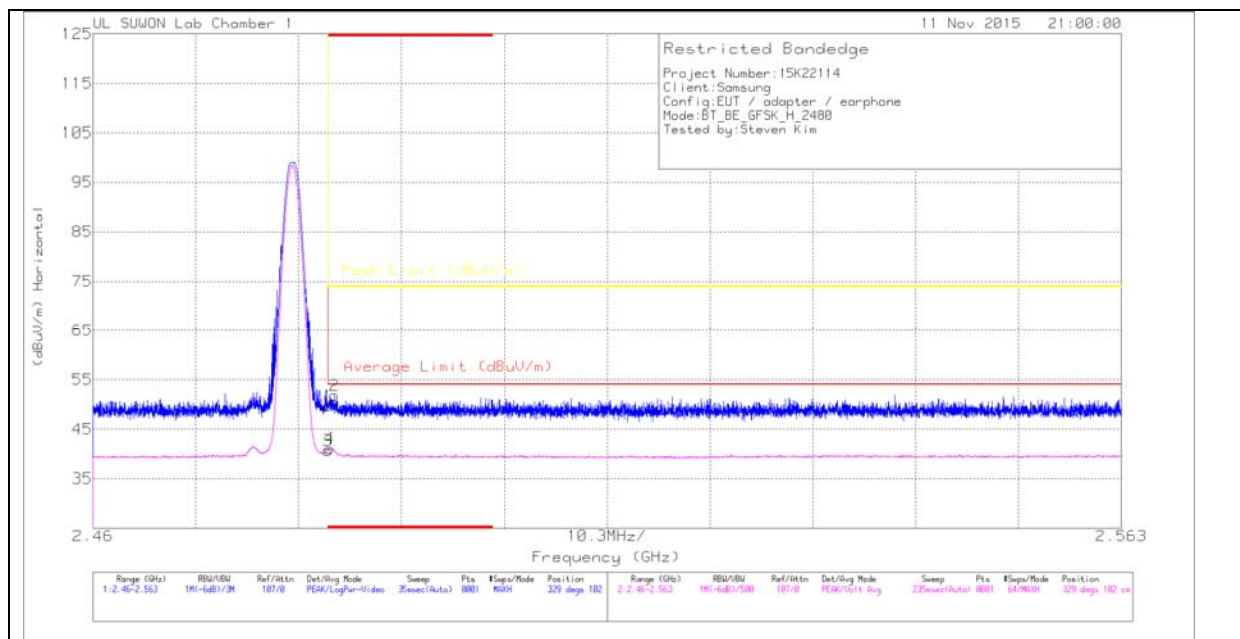
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	3117(0016 8717)_150 619	Path_2	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.39	45.17	Pk	31.8	-28.4	48.57	-	-	74	-25.43	166	303	V
2	* 2.334	49.12	Pk	31.7	-28.5	52.32	-	-	74	-21.68	166	303	V
3	* 2.39	35.69	V1TV	31.8	-28.4	39.09	54	-14.91	-	-	166	303	V
4	* 2.329	36.3	V1TV	31.7	-28.5	39.5	54	-14.5	-	-	166	303	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

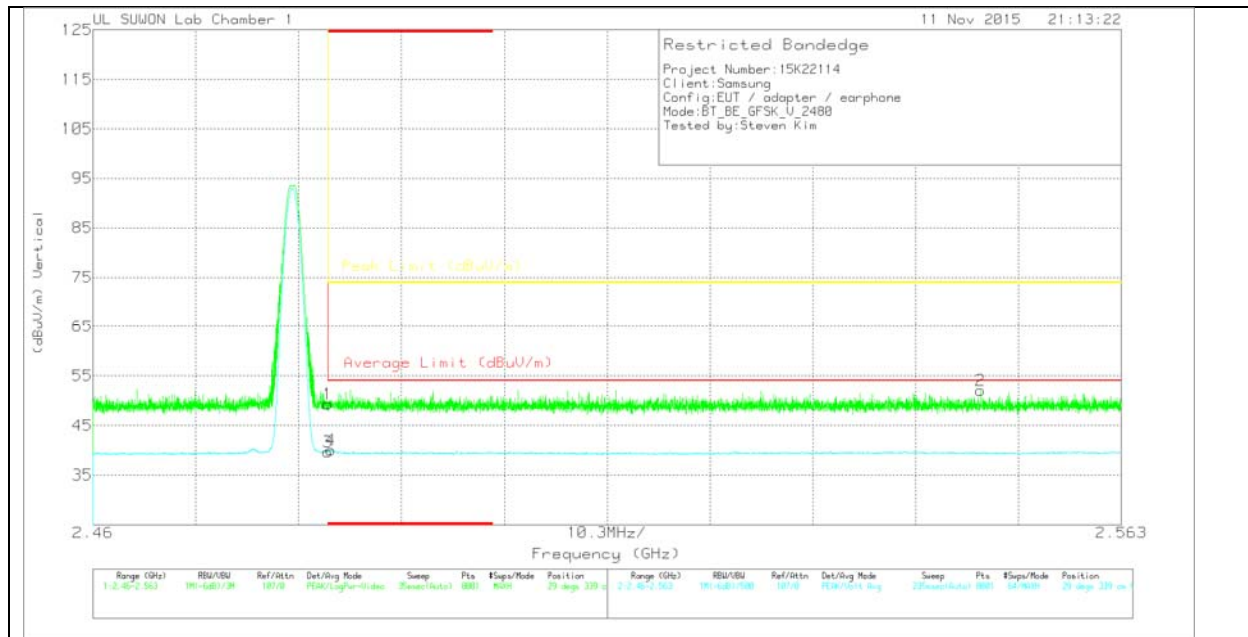
Trace Markers

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	45.97	Pk	32	-28.3	49.67	-	-	74	-24.33	329	102	H
2	* 2.484	48.1	Pk	32	-28.3	51.8	-	-	74	-22.2	329	102	H
3	* 2.484	37	V1TV	32	-28.3	40.7	54	-13.3	-	-	329	102	H
4	* 2.484	37.41	V1TV	32	-28.3	41.11	54	-12.89	-	-	329	102	H

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

Pk - Peak detector

VERTICAL PEAK AND AVERAGE PLOT



VERTICAL DATA

Trace Markers

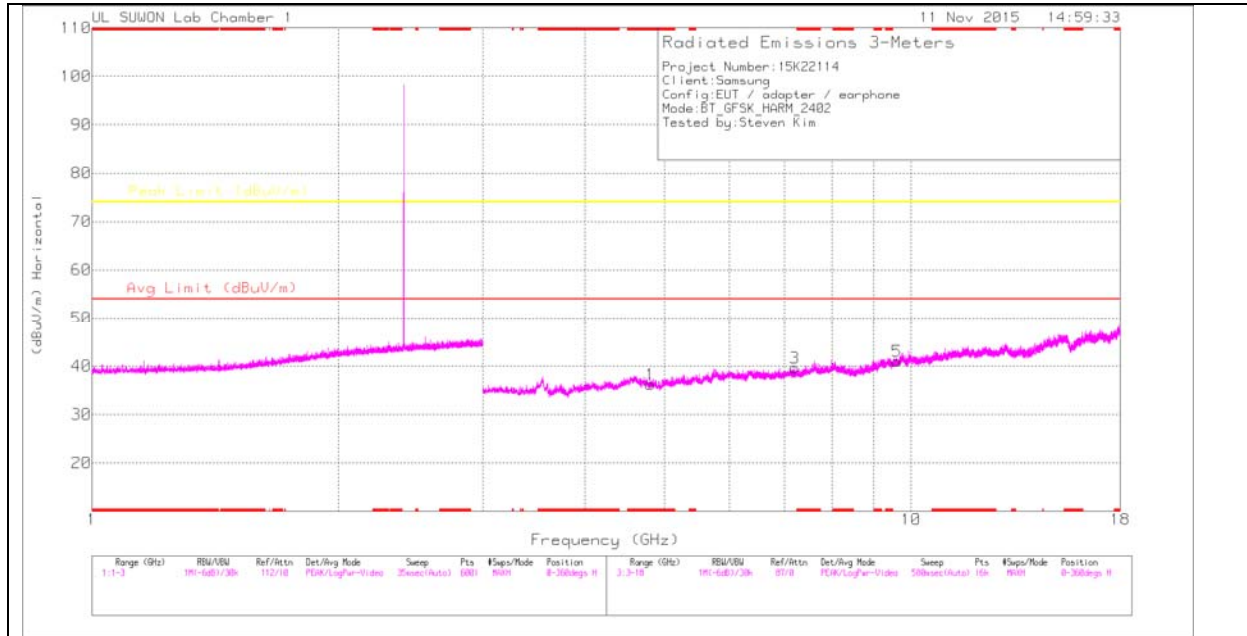
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	3117(0016 8717)_150 619	Path_2	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.484	45.62	Pk	32	-28.3	49.32	-	-	74	-24.68	29	339	V
2	2.549	48.29	Pk	32	-28.2	52.09	-	-	74	-21.91	29	339	V
3	* 2.484	36.03	V1TV	32	-28.3	39.73	54	-14.27	-	-	29	339	V
4	* 2.484	36.4	V1TV	32	-28.3	40.1	54	-13.9	-	-	29	339	V

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

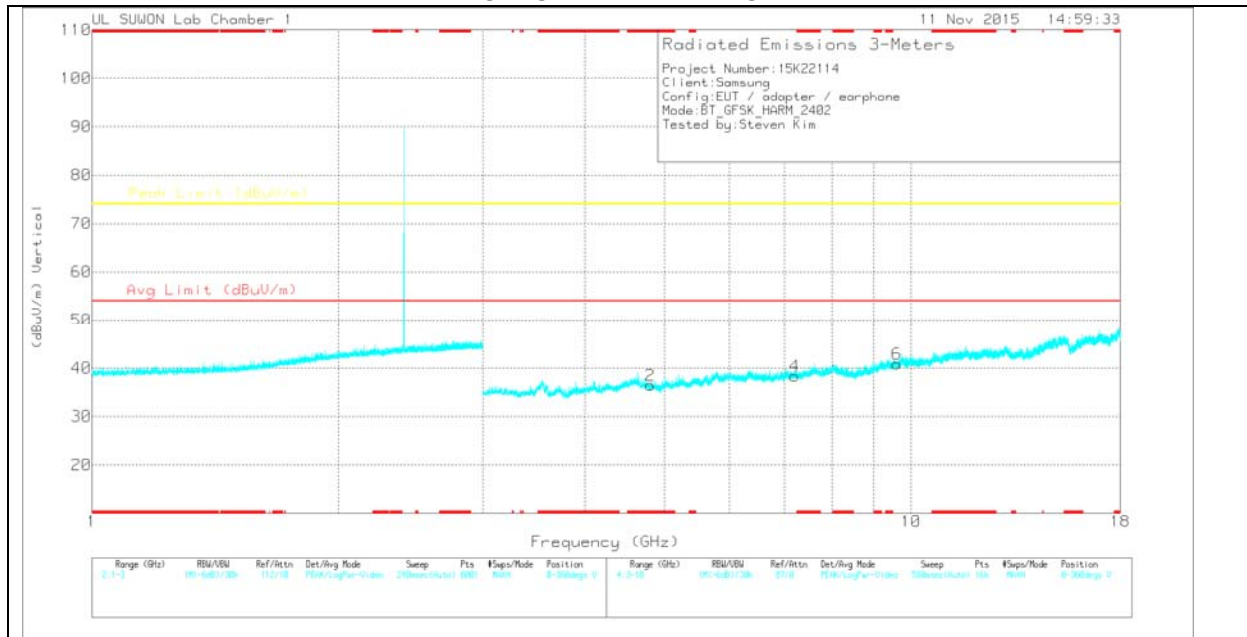
Pk - Peak detector

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

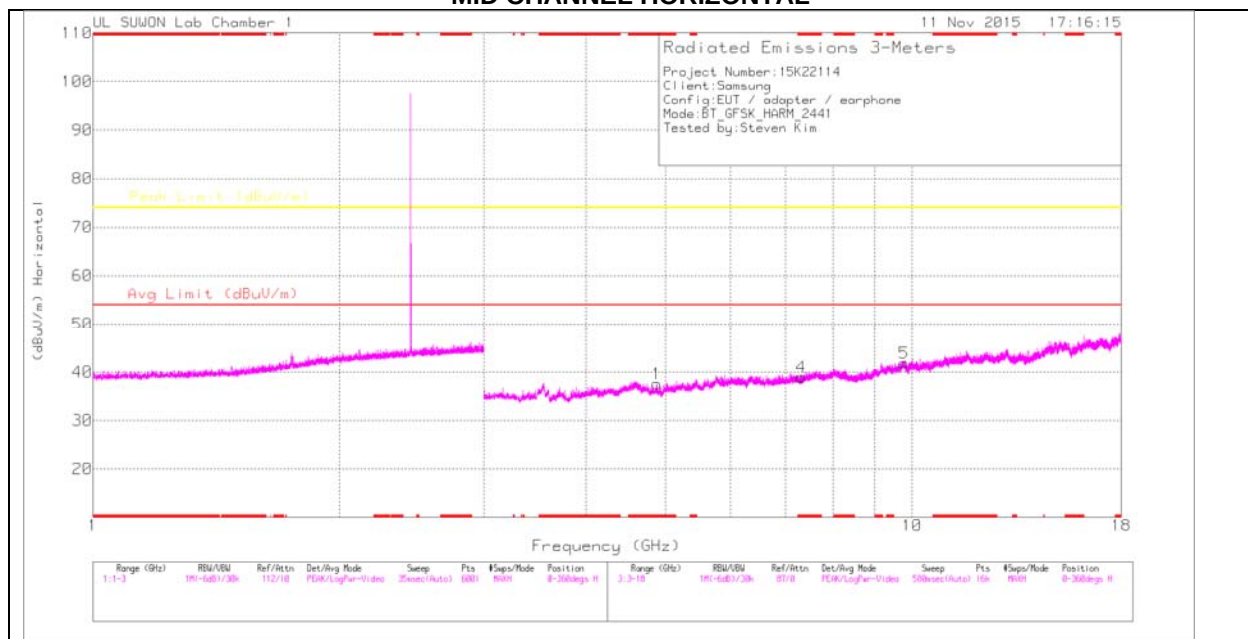
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	3117(0016 8717)_150 619	Path_3	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 4.806	35.2	Pk	34	-33	36.2	-	-	74	-37.8	0-360	100	H
3	7.208	33.94	Pk	35.7	-30	39.64	-	-	74	-34.36	0-360	100	H
5	9.607	30.64	Pk	37	-26.6	41.04	-	-	74	-32.96	0-360	200	H
2	* 4.804	35.46	Pk	34	-33	36.46	-	-	74	-37.54	0-360	100	V
4	7.204	32.69	Pk	35.7	-30	38.39	-	-	74	-35.61	0-360	200	V
6	9.61	30.52	Pk	37	-26.6	40.92	-	-	74	-33.08	0-360	200	V

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

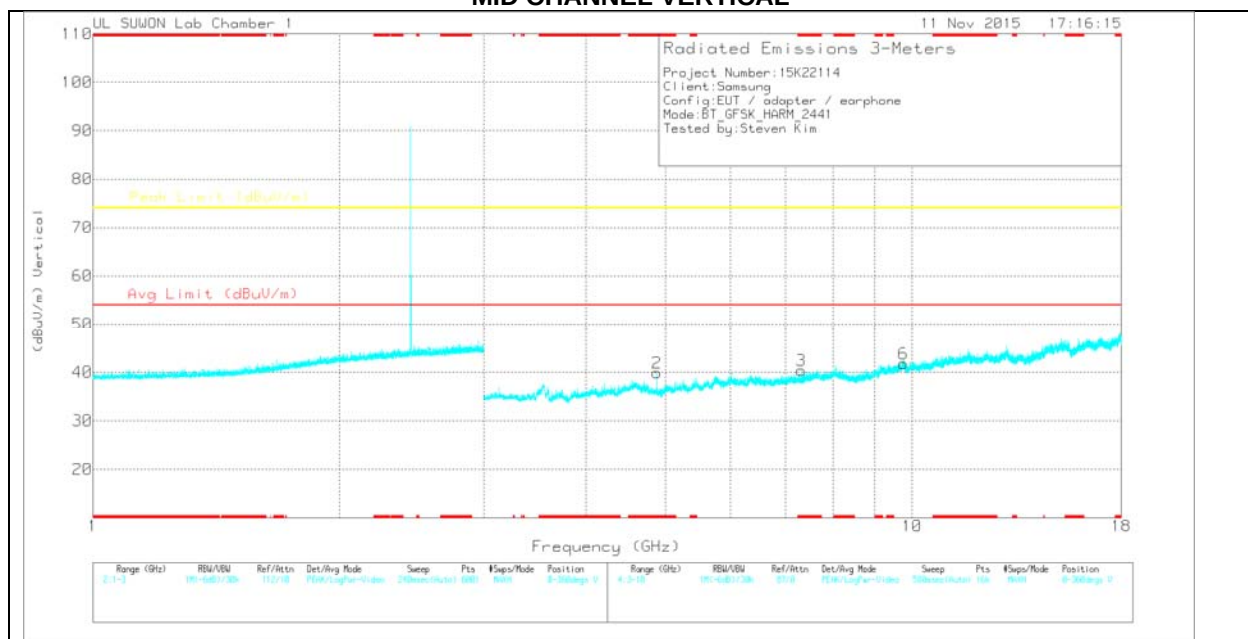
Pk – Peak Detector

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

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	36.69	Pk	34	-33.1	37.59	-	-	74	-36.41	0-360	100	H
4	* 7.324	33.23	Pk	35.8	-30	39.03	-	-	74	-34.97	0-360	200	H
5	9.766	30.66	Pk	37.2	-26	41.86	-	-	74	-32.14	0-360	100	H
2	* 4.881	39	Pk	34	-33.1	39.9	-	-	74	-34.1	0-360	100	V
3	* 7.323	34.56	Pk	35.8	-30	40.36	-	-	74	-33.64	0-360	100	V
6	9.765	30.51	Pk	37.2	-26	41.71	-	-	74	-32.29	0-360	200	V

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

Pk – Peak Detector

Radiated Emissions

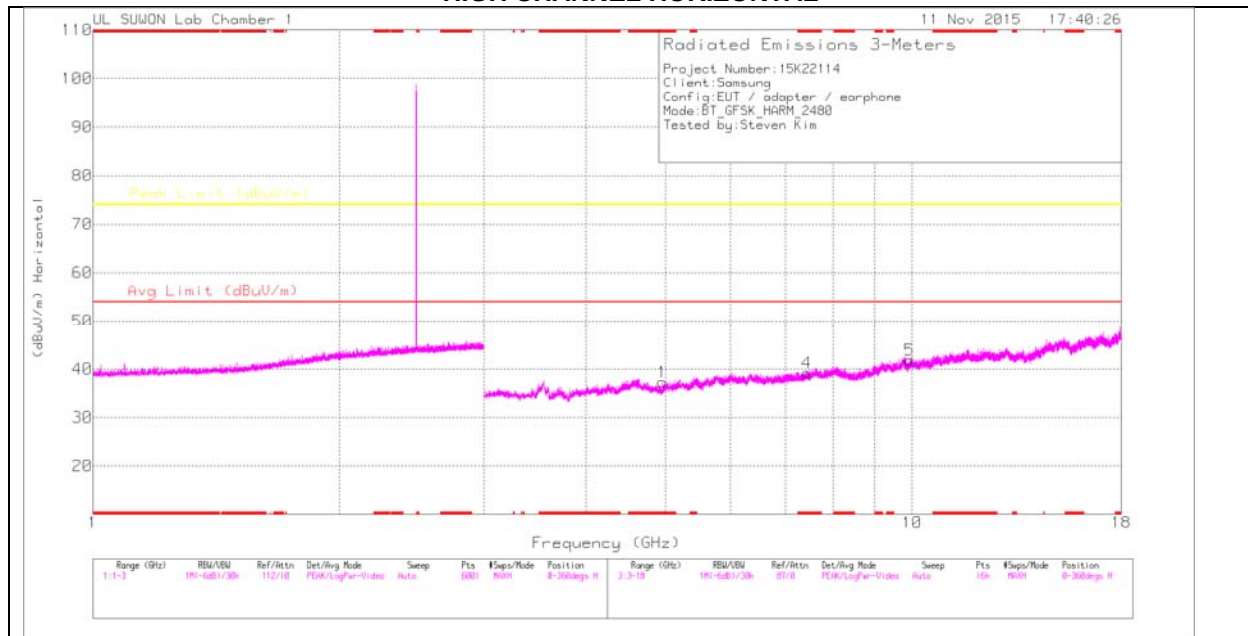
Frequency (GHz)	Meter Reading (dBuV)	Det	3117(0016 8717)_150 619	Path_3	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
* 4.882	48.9	PK2	34	-33.1	49.8	-	-	74	-24.2	202	114	V
* 4.882	38.34	VA1T	34	-33.1	39.24	54	-14.76	-	-	202	114	V

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

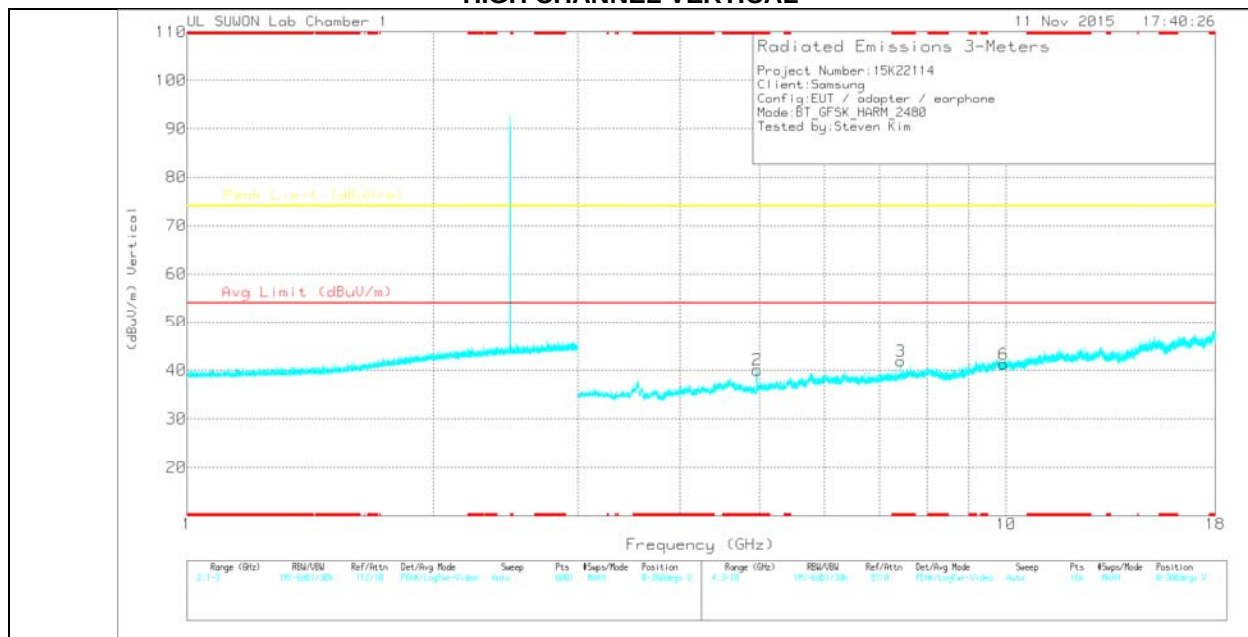
PK2 - Maximum Peak

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	* 4.959	36.44	Pk	34	-33.1	37.34	-	-	74	-36.66	0-360	100	H
4	* 7.441	33.33	Pk	35.8	-29.9	39.23	-	-	74	-34.77	0-360	100	H
5	9.919	31.05	Pk	37.4	-26.6	41.85	-	-	74	-32.15	0-360	100	H
2	* 4.96	39.15	Pk	34	-33.1	40.05	-	-	74	-33.95	0-360	100	V
3	* 7.44	35.93	Pk	35.8	-29.9	41.83	-	-	74	-32.17	0-360	100	V
6	9.918	30.41	Pk	37.4	-26.6	41.21	-	-	74	-32.79	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
* 4.96	47.31	PK2	34	-33.1	48.21	-	-	74	-25.79	175	111	V
* 4.96	37.39	VA1T	34	-33.1	38.29	54	-15.71	-	-	175	111	V

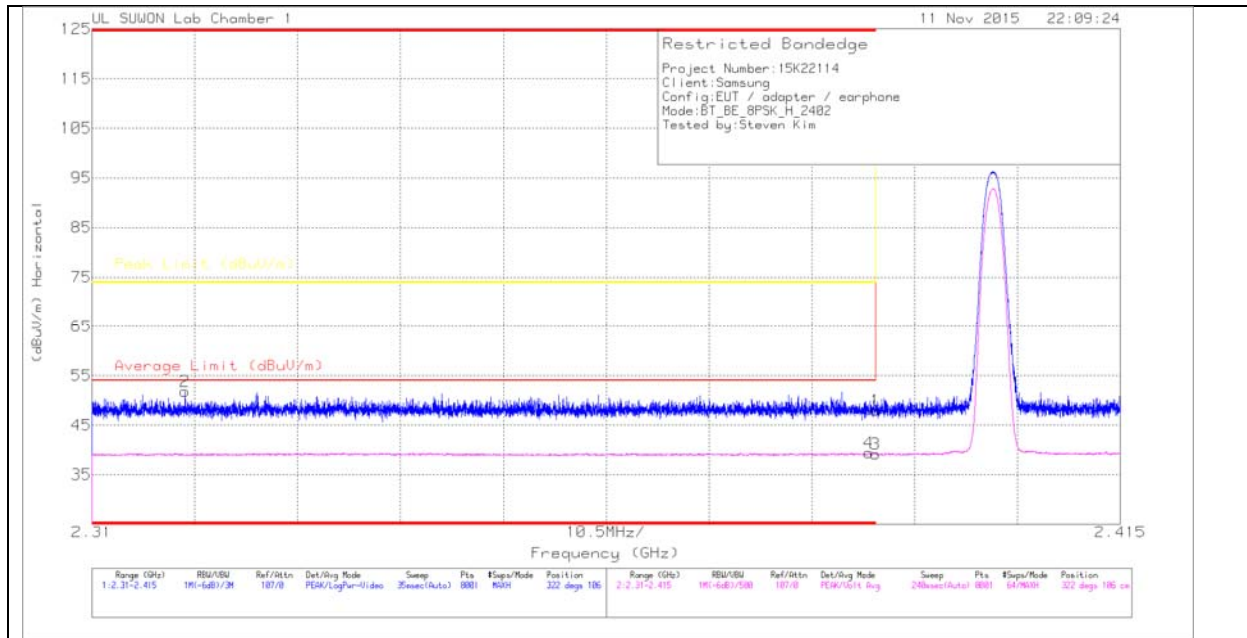
* - indicates frequency in CFR15.205/IC7.2.2 Restricted Band

PK2 - 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

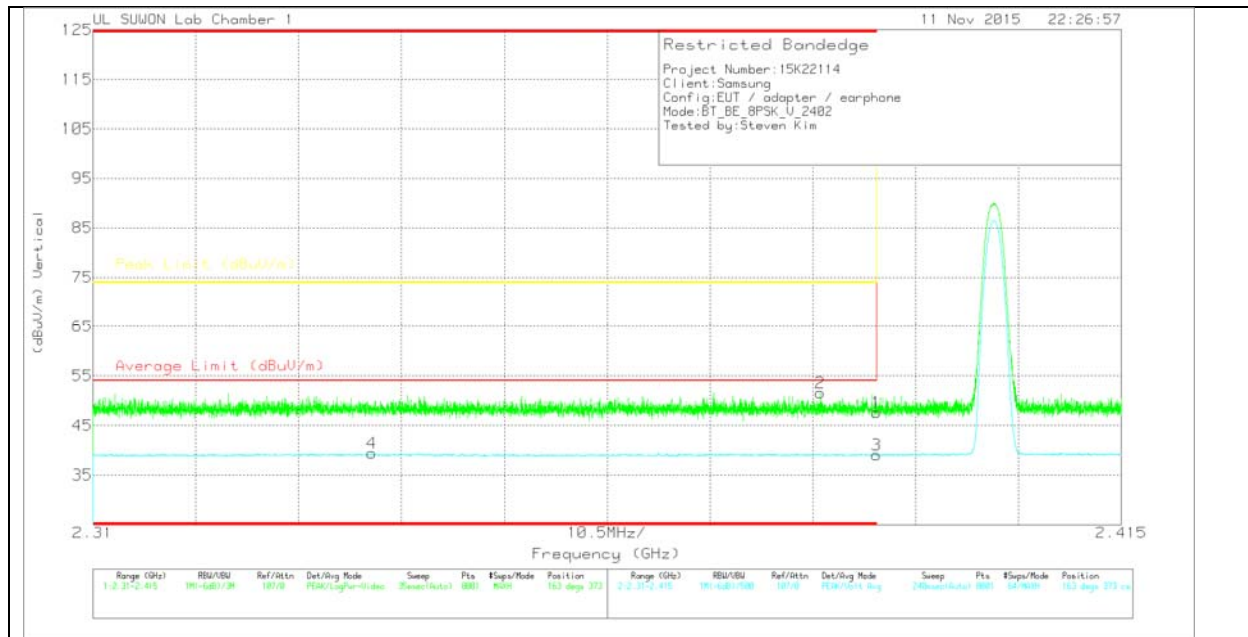
Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	3117(00168 717)_150619	Path_2	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	44.53	Pk	31.8	-28.4	0	47.93	-	-	74	-26.07	322	106	H
2	* 2.32	48.57	Pk	31.7	-28.5	0	51.77	-	-	74	-22.23	322	106	H
3	* 2.39	35.84	VITV	31.8	-28.4	0	39.24	54	-14.76	-	-	322	106	H
4	* 2.389	36.03	VITV	31.8	-28.4	0	39.43	54	-14.57	-	-	322	106	H

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

Pk - Peak detector

VERTICAL PEAK AND AVERAGE PLOT



VERTICAL DATA

Trace Markers

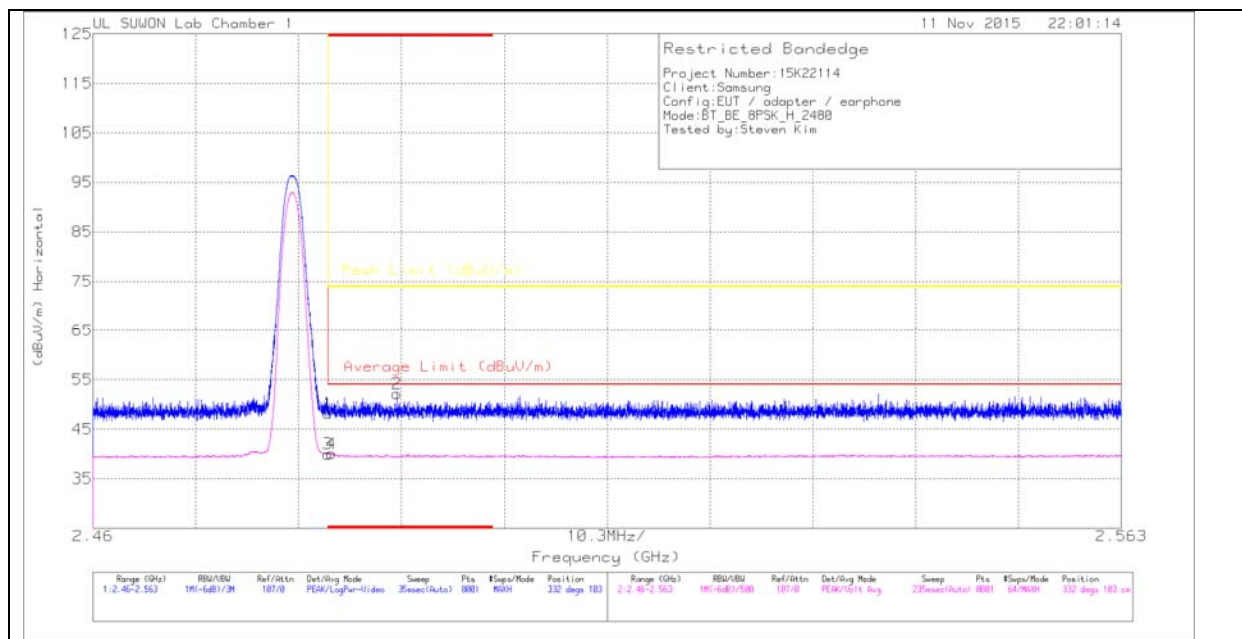
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	3117(00168 717)_150619	Path_2	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.39	44.16	Pk	31.8	-28.4	0	47.56	-	-	74	-26.44	163	373	V
2	* 2.384	48.25	Pk	31.8	-28.5	0	51.55	-	-	74	-22.45	163	373	V
3	* 2.39	35.69	V1TV	31.8	-28.4	0	39.09	54	-14.91	-	-	163	373	V
4	* 2.338	36.22	V1TV	31.7	-28.5	0	39.42	54	-14.58	-	-	163	373	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

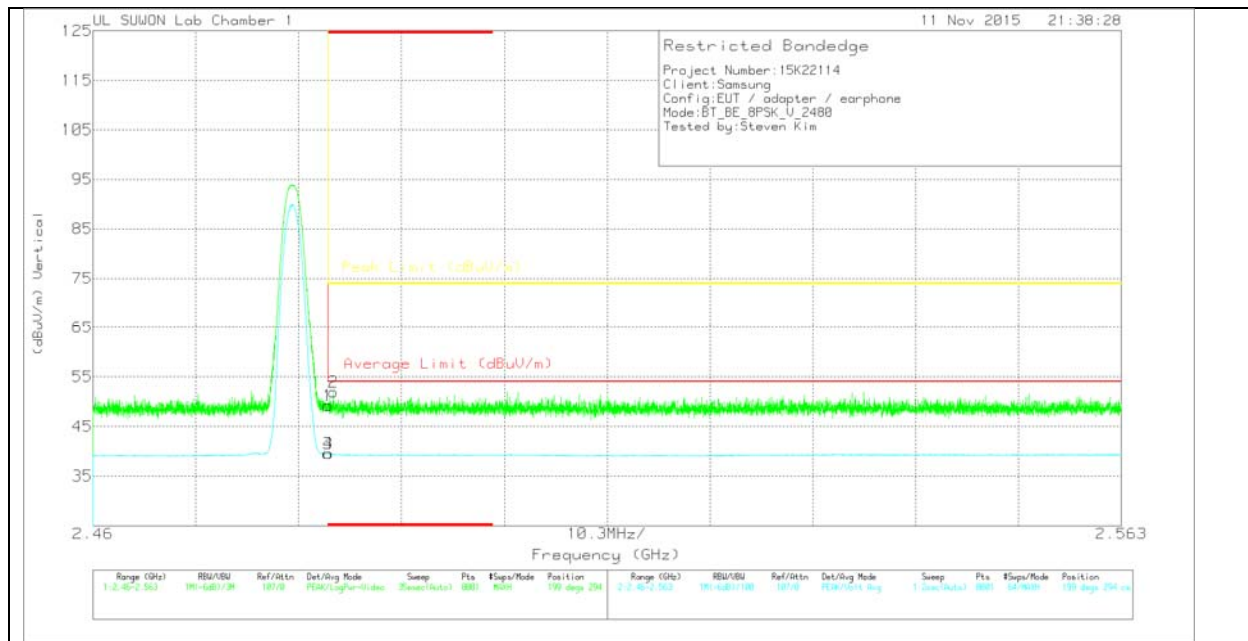
Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	3117(00168 717)_150619	Path_2	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	44.48	Pk	32	-28.3	0	48.18	-	-	74	-25.82	332	103	H
2	* 2.49	48.46	Pk	32	-28.3	0	52.16	-	-	74	-21.84	332	103	H
3	* 2.484	36.3	V1TV	32	-28.3	0	40	54	-14	-	-	332	103	H
4	* 2.484	36.33	V1TV	32	-28.3	0	40.03	54	-13.97	-	-	332	103	H

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

Pk - Peak detector

VERTICAL PEAK AND AVERAGE PLOT



VERTICAL DATA

Trace Markers

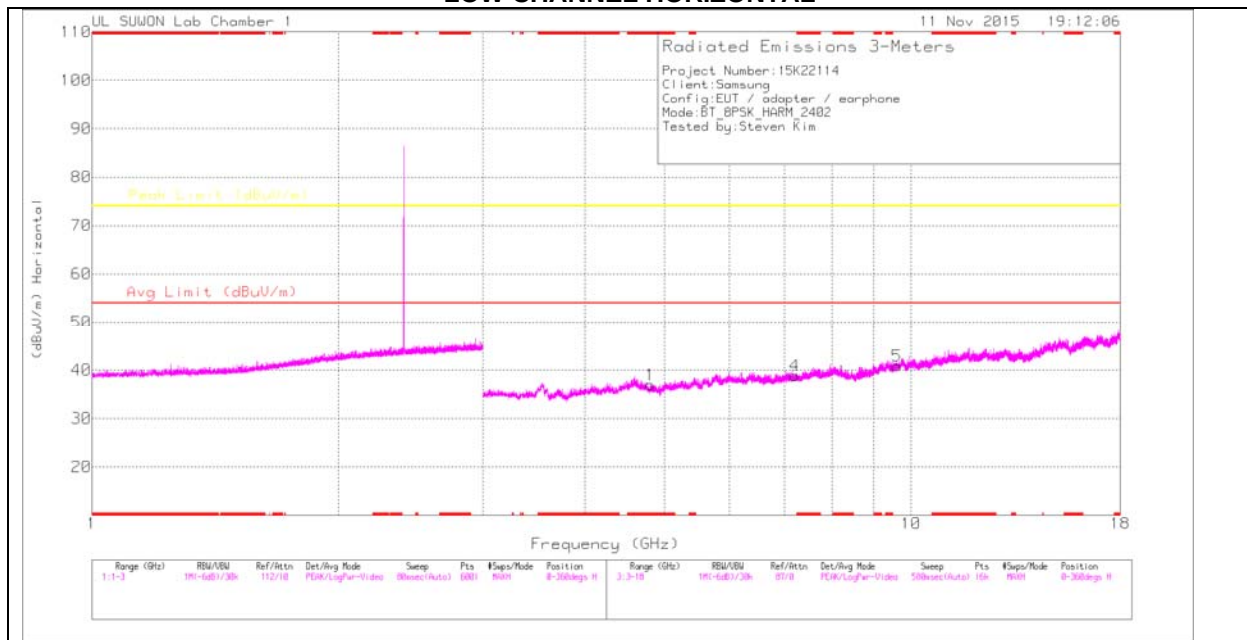
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	3117(00168 717)_150619	Path_2	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Altitude (Degs)	Height (cm)	Polarity
1	* 2.484	45.55	Pk	32	-28.3	0	49.25	-	-	74	-24.75	199	294	V
2	* 2.484	48.19	Pk	32	-28.3	0	51.89	-	-	74	-22.11	199	294	V
3	* 2.484	35.82	V1TV	32	-28.3	0	39.52	54	-14.48	-	-	199	294	V
4	* 2.484	35.92	V1TV	32	-28.3	0	39.62	54	-14.38	-	-	199	294	V

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

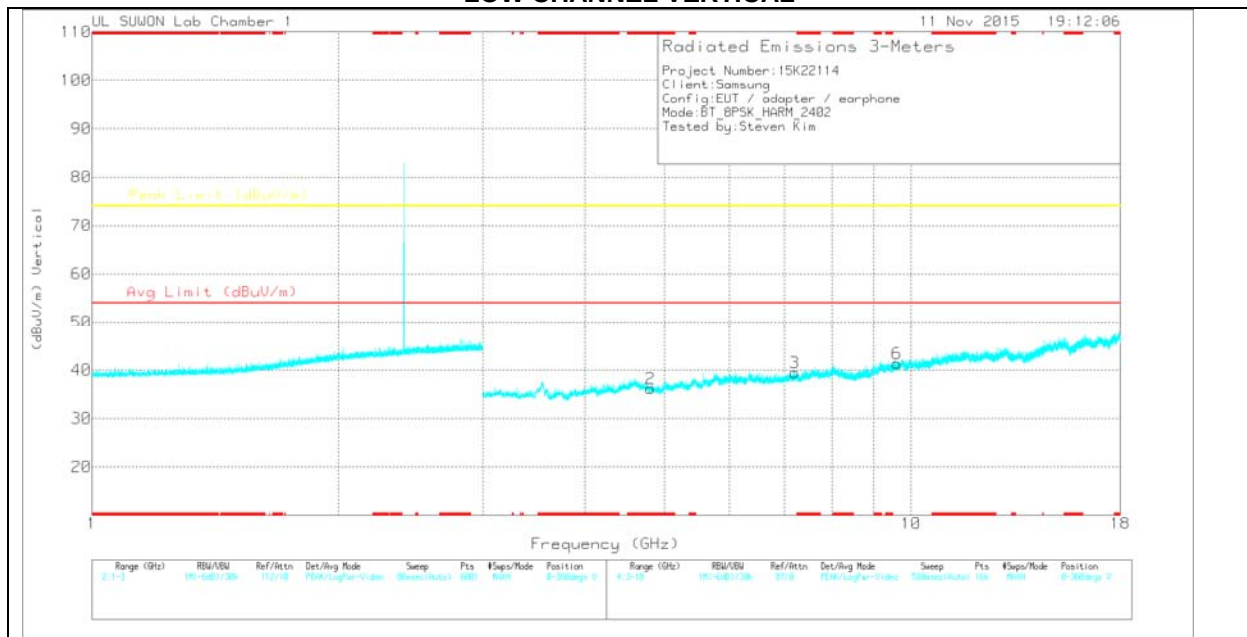
Pk - Peak detector

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

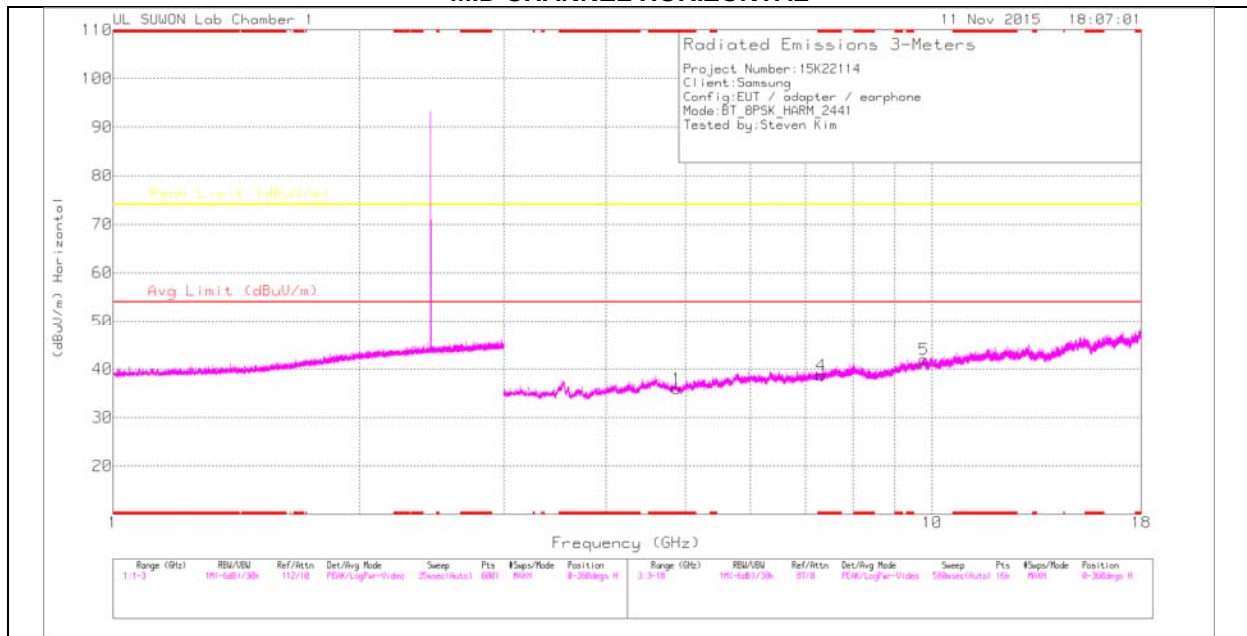
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	3117(0016 8717)_150 619	Path_3	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 4.804	35.99	Pk	34	-33	36.99	-	-	74	-37.01	0-360	200	H
4	7.203	33.12	Pk	35.7	-30	38.82	-	-	74	-35.18	0-360	100	H
5	9.607	30.43	Pk	37	-26.6	40.83	-	-	74	-33.17	0-360	200	H
2	* 4.803	35.21	Pk	34	-33	36.21	-	-	74	-37.79	0-360	200	V
3	7.208	33.73	Pk	35.7	-30	39.43	-	-	74	-34.57	0-360	200	V
6	9.608	30.97	Pk	37	-26.6	41.37	-	-	74	-32.63	0-360	200	V

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

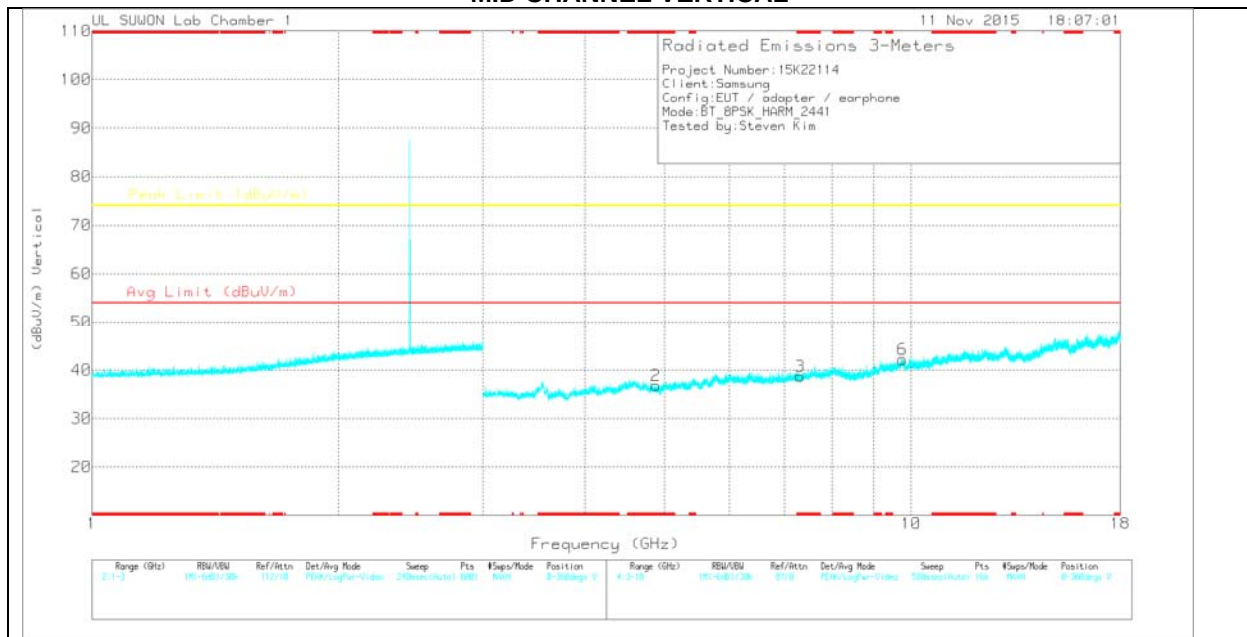
Pk – Peak Detector

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

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

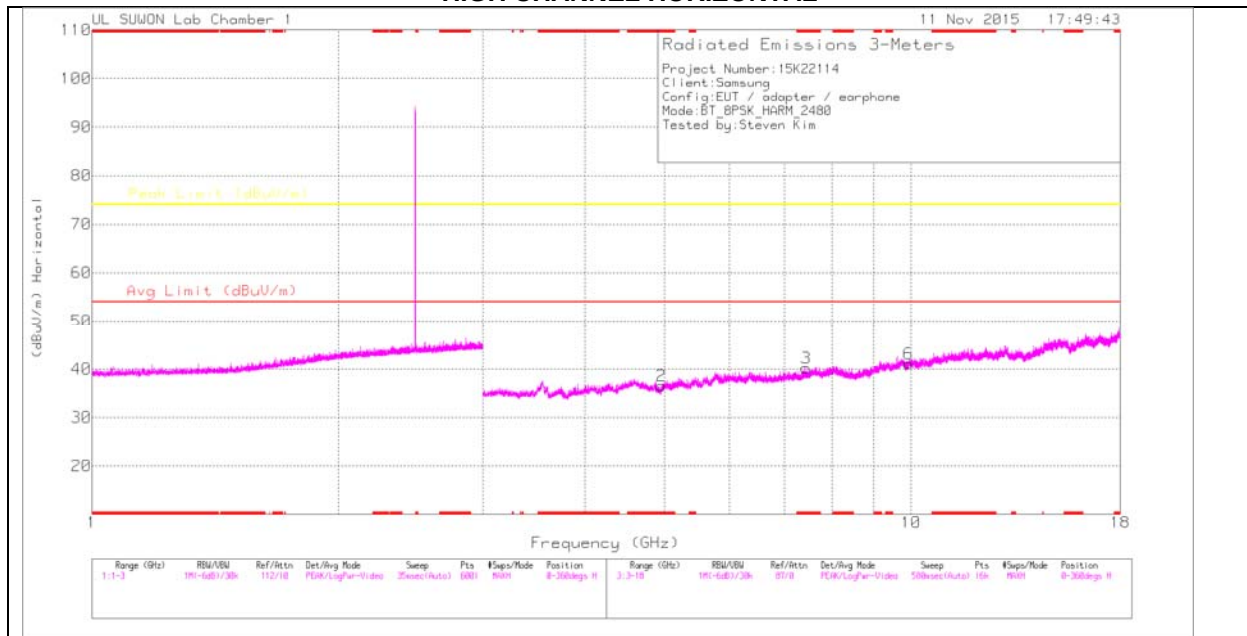
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	3117(0016 8717)_150 619	Path_3	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 4.881	35.05	Pk	34	-33.1	35.95	-	-	74	-38.05	0-360	100	H
4	* 7.323	32.97	Pk	35.8	-30	38.77	-	-	74	-35.23	0-360	200	H
5	9.766	30.83	Pk	37.2	-26	42.03	-	-	74	-31.97	0-360	100	H
2	* 4.881	35.95	Pk	34	-33.1	36.85	-	-	74	-37.15	0-360	100	V
3	* 7.323	32.96	Pk	35.8	-30	38.76	-	-	74	-35.24	0-360	100	V
6	9.764	31	Pk	37.2	-26	42.2	-	-	74	-31.8	0-360	100	V

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

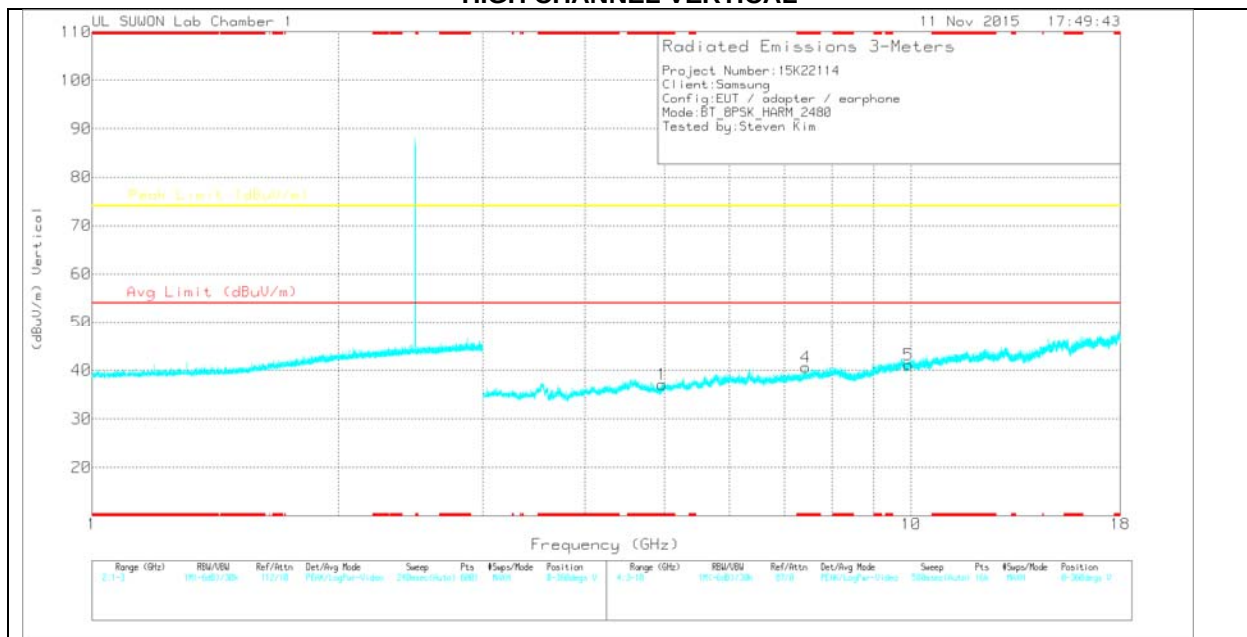
Pk - Peak Detector

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

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
2	* 4.959	35.66	Pk	34	-33.1	36.56	-	-	74	-37.44	0-360	200	H
3	* 7.443	34.3	Pk	35.8	-29.9	40.2	-	-	74	-33.8	0-360	200	H
6	9.92	30.32	Pk	37.4	-26.6	41.12	-	-	74	-32.88	0-360	200	H
1	* 4.961	36.16	Pk	34	-33.1	37.06	-	-	74	-36.94	0-360	200	V
4	* 7.44	34.76	Pk	35.8	-29.9	40.66	-	-	74	-33.34	0-360	100	V
5	9.921	30.33	Pk	37.4	-26.6	41.13	-	-	74	-32.87	0-360	100	V

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

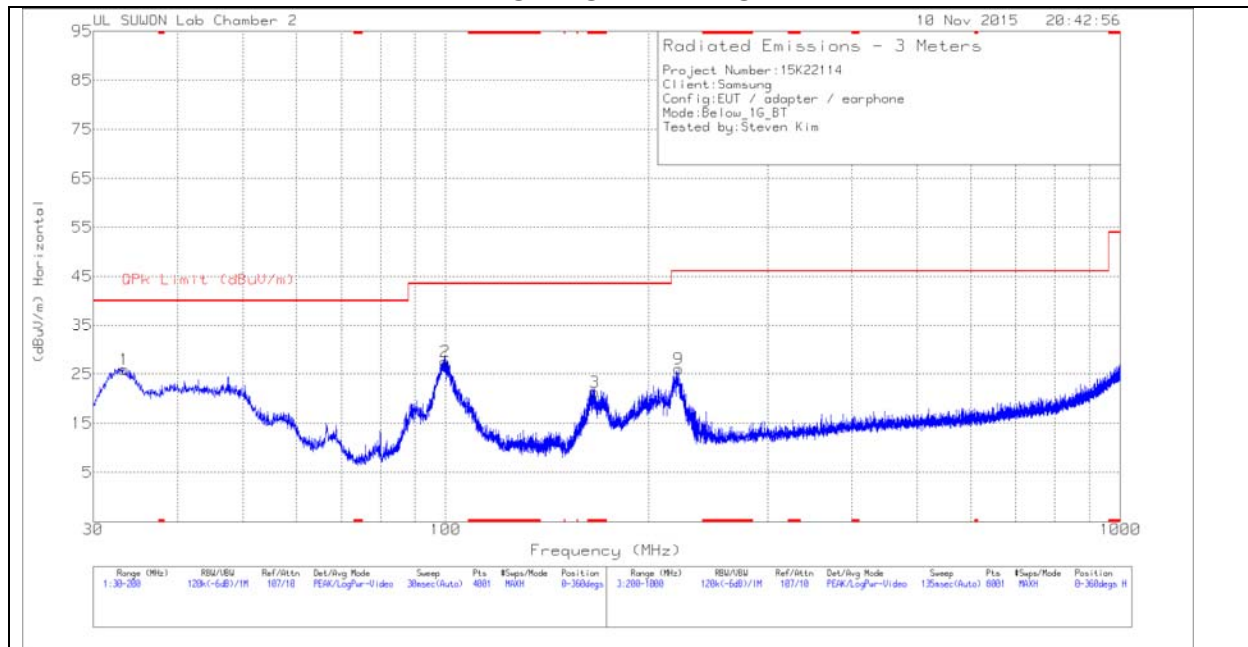
Pk – Peak Detector

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

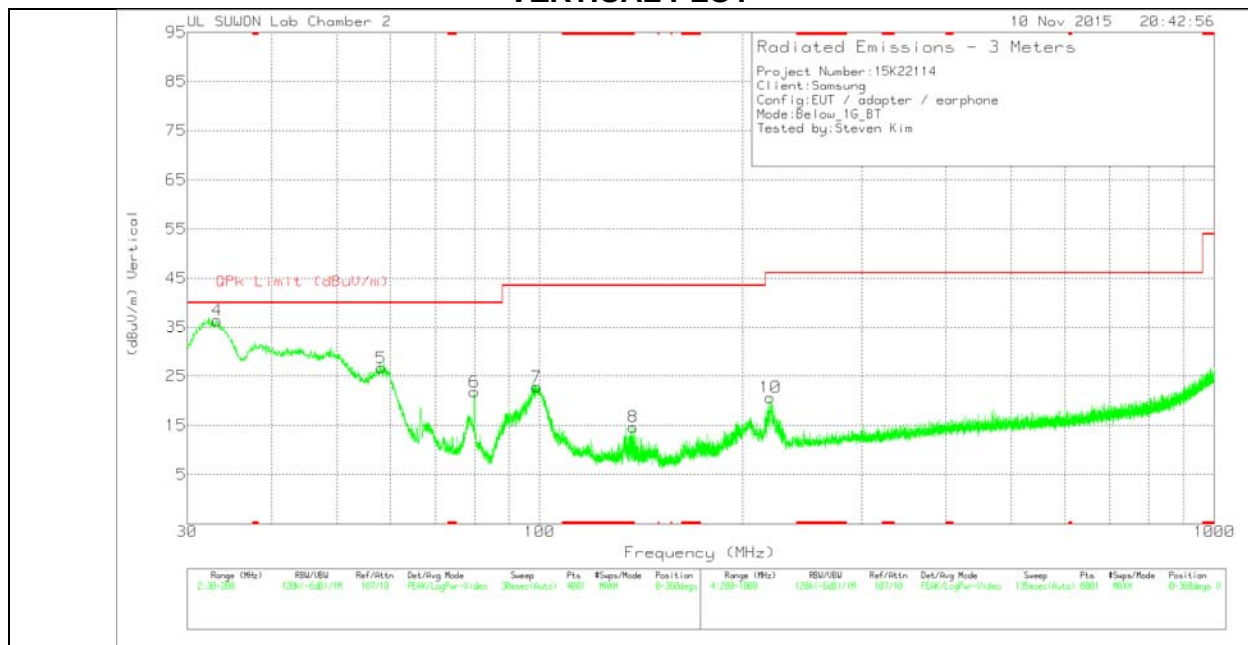
9.3. WORST-CASE BELOW 1 GHz

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	VULB9163-749	Below_1G	Corrected Reading (dBuV/m)	QPk Limit (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	33.4	46.09	Pk	10.6	-30.8	25.89	40	-14.11	0-360	300	H
2	99.8275	46.51	Pk	11.5	-30.5	27.51	43.52	-16.01	0-360	300	H
3	* 166.3825	42.89	Pk	8.8	-30.4	21.29	43.52	-22.23	0-360	200	H
4	33.23	56.64	Pk	10.6	-30.8	36.44	40	-3.56	0-360	100	V
5	58.22	44.36	Pk	13	-30.7	26.66	40	-13.34	0-360	100	V
6	79.98	45.29	Pk	7.1	-30.6	21.79	40	-18.21	0-360	200	V
7	98.9775	41.88	Pk	11.4	-30.5	22.78	43.52	-20.74	0-360	100	V
8	* 137.5675	36.95	Pk	8.2	-30.5	14.65	43.52	-28.87	0-360	100	V
9	221.3	44.44	Pk	11.8	-30.2	26.04	46.02	-19.98	0-360	100	H
10	219.7	39.02	Pk	11.8	-30.2	20.62	46.02	-25.4	0-360	200	V

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

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.

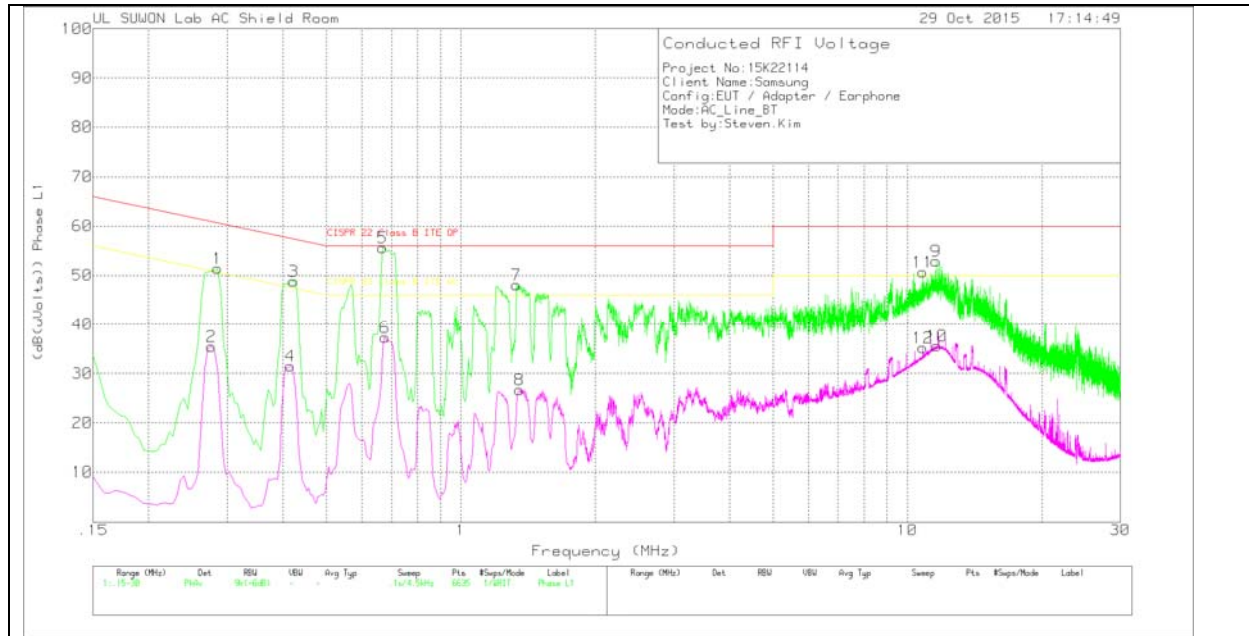
The receiver is set to a resolution bandwidth of 9 kHz. Peak detection is used unless otherwise noted as quasi-peak or average.

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	41.65	Pk	9.8	0	51.45	60.67	-9.22	-	-
2	.276	25.7	Av	9.8	0	35.5	-	-	50.94	-15.44
3	.42225	38.74	Pk	10.1	0	48.84	57.4	-8.56	-	-
4	.4155	21.37	Av	10.1	0	31.47	-	-	47.54	-16.07
5	.6675	45.54	Pk	10.1	0	55.64	56	-3.6	-	-
6	.6765	27.18	Av	10.1	0	37.28	-	-	46	-8.72
7	1.3335	38.16	Pk	9.8	.1	48.06	56	-7.94	-	-
8	1.3515	16.74	Av	9.8	.1	26.64	-	-	46	-19.36
9	11.5935	42.66	Pk	10	.2	52.86	60	-7.14	-	-
10	11.6385	25.43	Av	10	.2	35.63	-	-	50	-14.37
11	10.8465	40.48	Pk	10	.2	50.68	60	-9.32	-	-
12	10.8465	25.05	Av	10	.2	35.25	-	-	50	-14.75

Pk - Peak detector

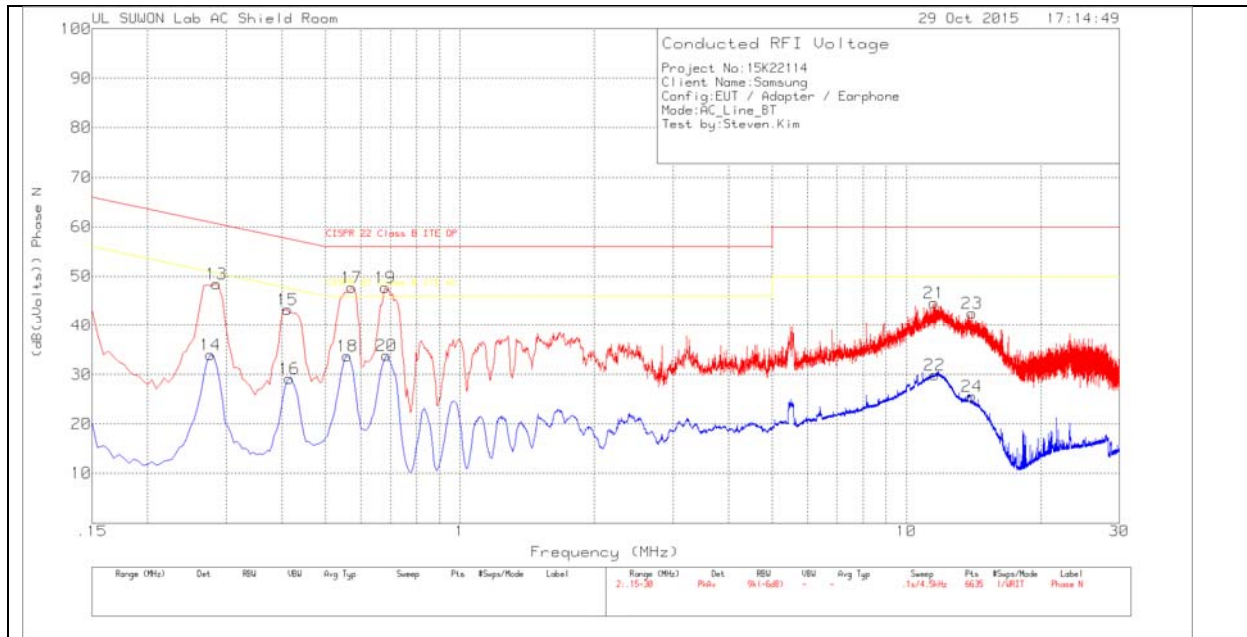
Av - Average detection

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)
.285	30.76	Qp	9.8	0	40.56	60.67	-20.11	-	-
.42225	26.07	Qp	10.1	0	36.17	57.4	-21.23	-	-
.6675	20.35	Qp	10.1	0	30.45	56	-25.55	-	-
1.3335	21.38	Qp	9.8	.1	31.28	56	-24.72	-	-
11.5935	22.62	Qp	10	.2	32.82	60	-27.18	-	-
10.8465	26.72	Qp	10	.2	36.92	60	-23.08	-	-

Qp - Quasi-Peak detector

LINE 2 PLOT



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	.285	38.68	Pk	9.8	0	48.48	60.67	-12.19	-	-
14	.276	24.14	Av	9.8	0	33.94	-	-	50.94	-17
15	.411	33.15	Pk	10.1	0	43.25	57.63	-14.38	-	-
16	.4155	19.04	Av	10.1	0	29.14	-	-	47.54	-18.4
17	.573	37.61	Pk	10.1	0	47.71	56	-8.29	-	-
18	.5595	23.61	Av	10.1	0	33.71	-	-	46	-12.29
19	.681	37.76	Pk	10	0	47.76	56	-8.24	-	-
20	.6855	23.86	Av	10	0	33.86	-	-	46	-12.14
21	11.544	34.37	Pk	10.1	.2	44.67	60	-15.33	-	-
22	11.5665	19.6	Av	10.1	.2	29.9	-	-	50	-20.1
23	14.0145	32.04	Pk	10.3	.2	42.54	60	-17.46	-	-
24	14.0145	15.03	Av	10.3	.2	25.53	-	-	50	-24.47

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)
.285	33.42	Qp	9.8	0	43.22	60.67	-17.45	-	-
.411	25.93	Qp	10.1	0	36.03	57.63	-21.6	-	-
.573	29.92	Qp	10.1	0	40.02	56	-15.98	-	-
.681	20.32	Qp	10	0	30.32	56	-25.68	-	-
11.544	20.12	Qp	10.1	.2	30.42	60	-29.58	-	-
14.0145	24.87	Qp	10.3	.2	35.37	60	-24.63	-	-

Qp - Quasi-Peak detector