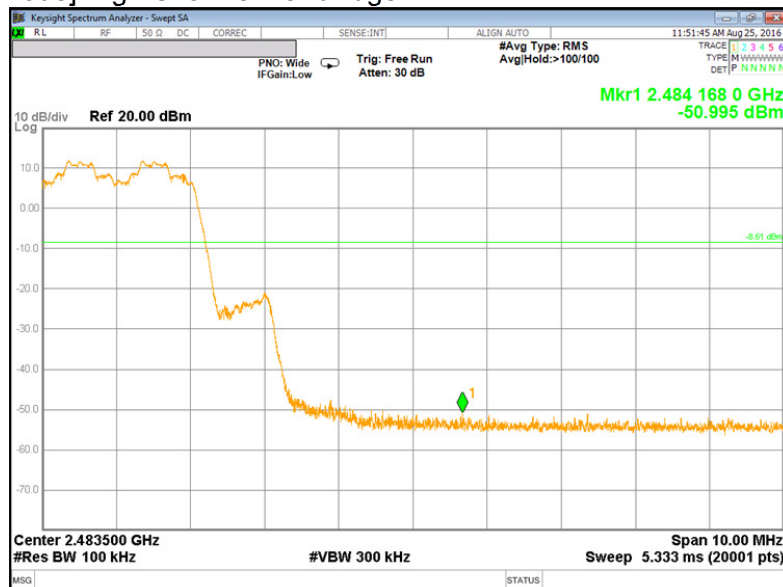


BandEdge Emission at 8PSK Hopping Mode

[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

Limits for radiated disturbance of an intentional radiator		
Frequency range (MHz)	Limits (µV/m)	Measurement Distance (m)
0.009 – 0.490	2400 / F (kHz)	300
0.490 – 1.705	24000 / F (kHz)	30
1.705 – 30.0	30	30
30 – 88	100**	3
88 - 216	150**	3
216 – 960	200**	3
Above 960	500	3

** Except as provided in paragraph (g), fundamental emissions from intentional radiators operating under this section shall not be located in the frequency bands 54-72 MHz, 76-88 MHz, 174-216 MHz or 470-806 MHz. However, operation within these frequency bands is permitted under other sections of this part, e.g. §§ 15.231 and 15.241.

TEST PROCEDURE

The EUT is placed on a non-conducting table 80 cm above the ground plane for below 1GHz and 150 cm for above 1GHz. 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 measurements above 1 GHz the resolution bandwidth is set to 1 MHz; the video bandwidth is set to 3 MHz for peak measurements.(Pre-scans to detect harmonic and spurious emissions, the resolution bandwidth is set to 1 MHz; the video bandwidth is set to 30 KHz for peak measurements.)

For band edge measurements above 1 GHz the resolution bandwidth is set to 1 MHz, then the video bandwidth is set to 3 MHz for peak measurements and 1/T (on time) for average measurement.

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

The spectrum from 1GHz 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.

Note : Emission was pre-scanned from 9KHz to 30MHz; No emissions were detected which was at least 20dB below the specification limit (consider distance correction factor).
Per FCC part 15.31(o), test results were not reported.

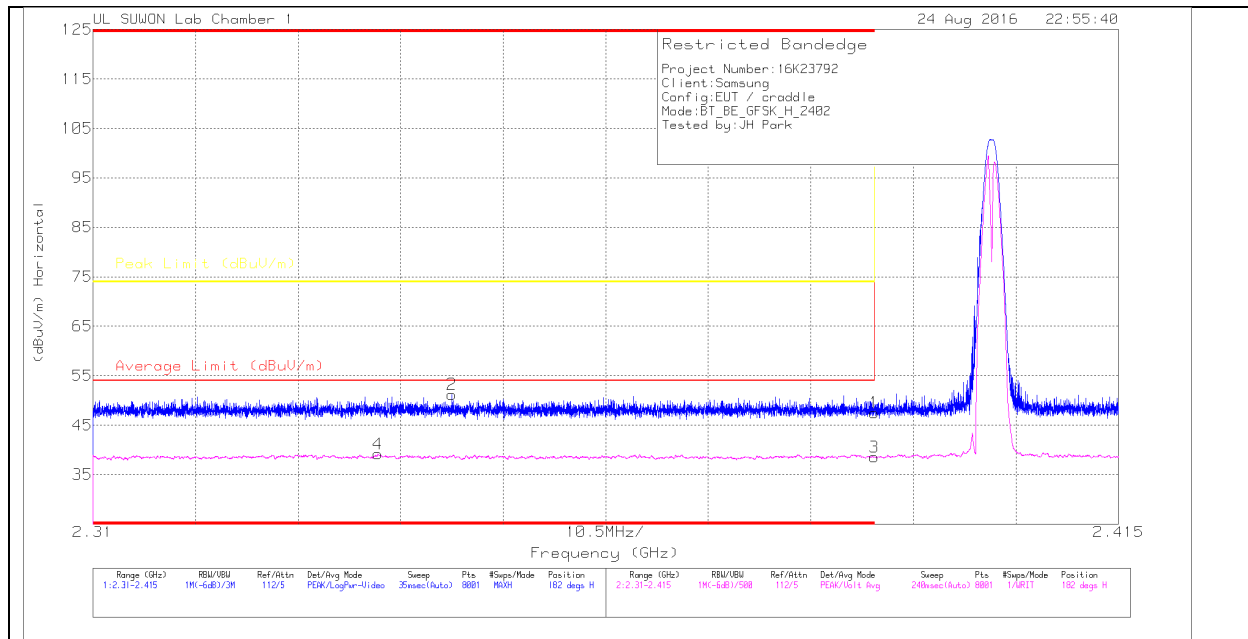
Formula for converting the filed strength from uV/m to dBuV/m is:
 $Limit (dBuV/m) = 20 \log limit (uV/m)$

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

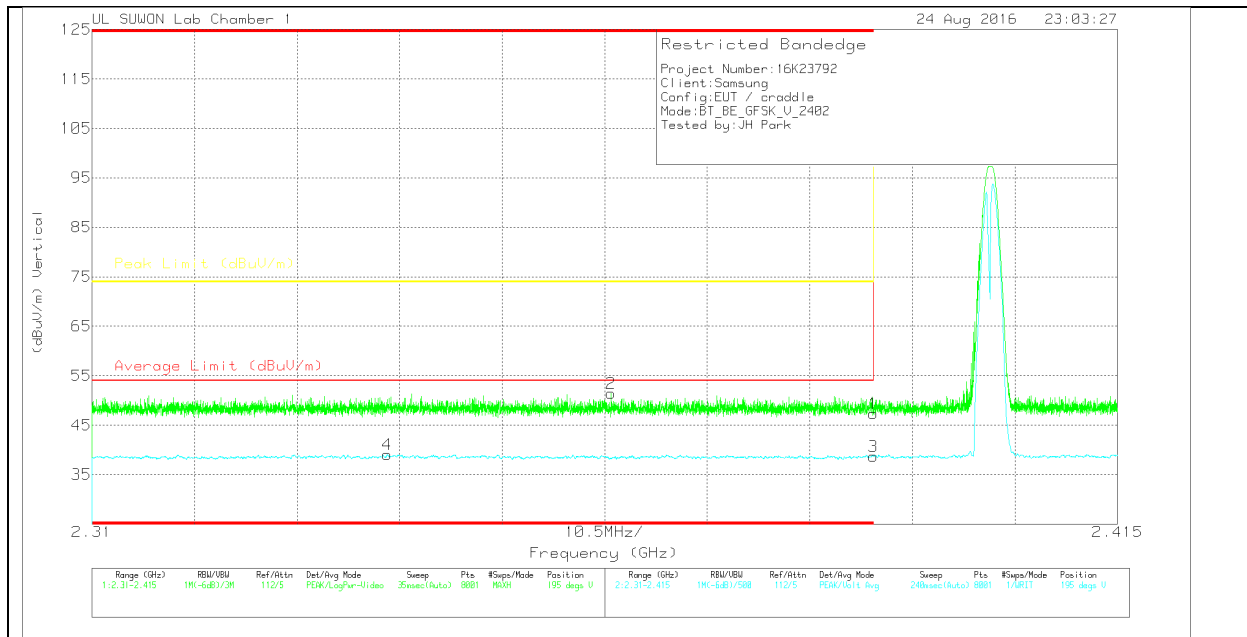
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	3117(0016 8717)_150 619	Path_2	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.39	44.74	Pk	31.8	-29	47.54	-	-	74	-26.46	182	100	H
2	* 2.347	48.55	Pk	31.7	-29	51.25	-	-	74	-22.75	182	100	H
3	* 2.39	35.79	VA1T	31.8	-29	38.59	54	-15.41	-	-	182	100	H
4	* 2.339	36.51	VA1T	31.7	-29	39.21	54	-14.79	-	-	182	100	H

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

Pk - Peak detector

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

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	44.57	Pk		-29	47.37	-	-	74	-26.63	195	361	V
2	* 2.363	48.66	Pk		-29	51.46	-	-	74	-22.54	195	361	V
3	* 2.39	35.92	VA1T		-29	38.72	54	-15.28	-	-	195	361	V
4	* 2.34	36.34	VA1T		-29	39.04	54	-14.96	-	-	195	361	V

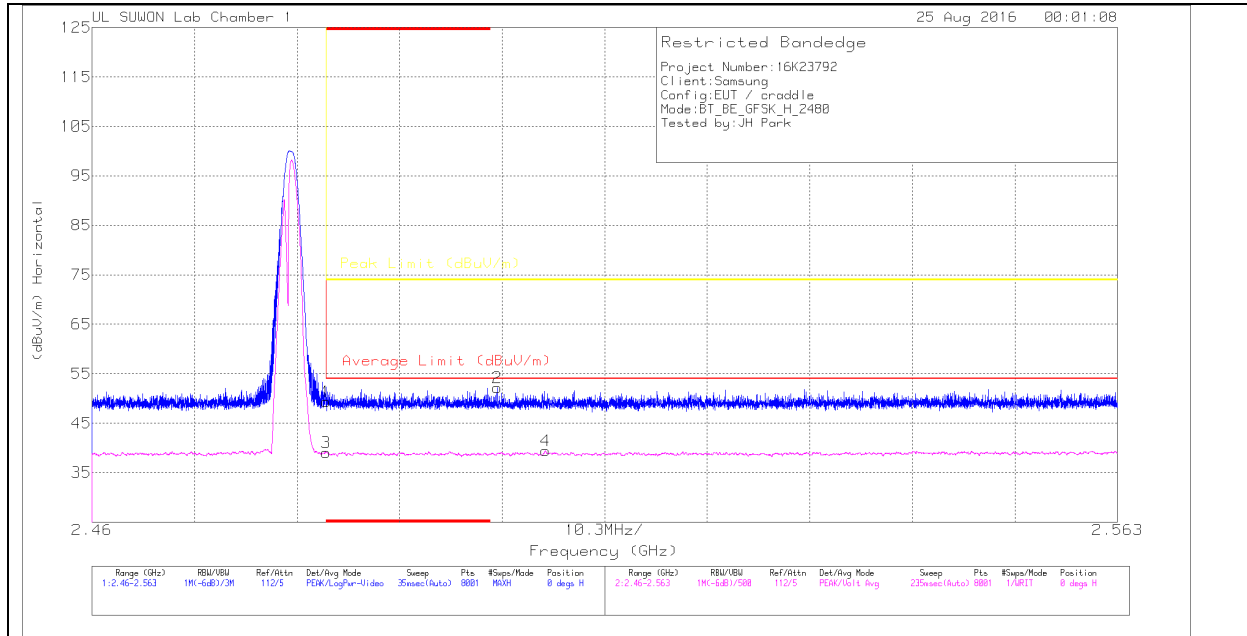
* - indicates frequency in CFR15.205/IC7.2.2 Restricted Band

Pk - Peak detector

VA1T - FHSS: Linear Voltage Average $VB=1/Ton$ where: Ton is transmit duration

AUTHORIZED BANDEDGE (HIGH CHANNEL)

HORIZONTAL PEAK AND AVERAGE PLOT



HORIZONTAL DATA

Trace Markers

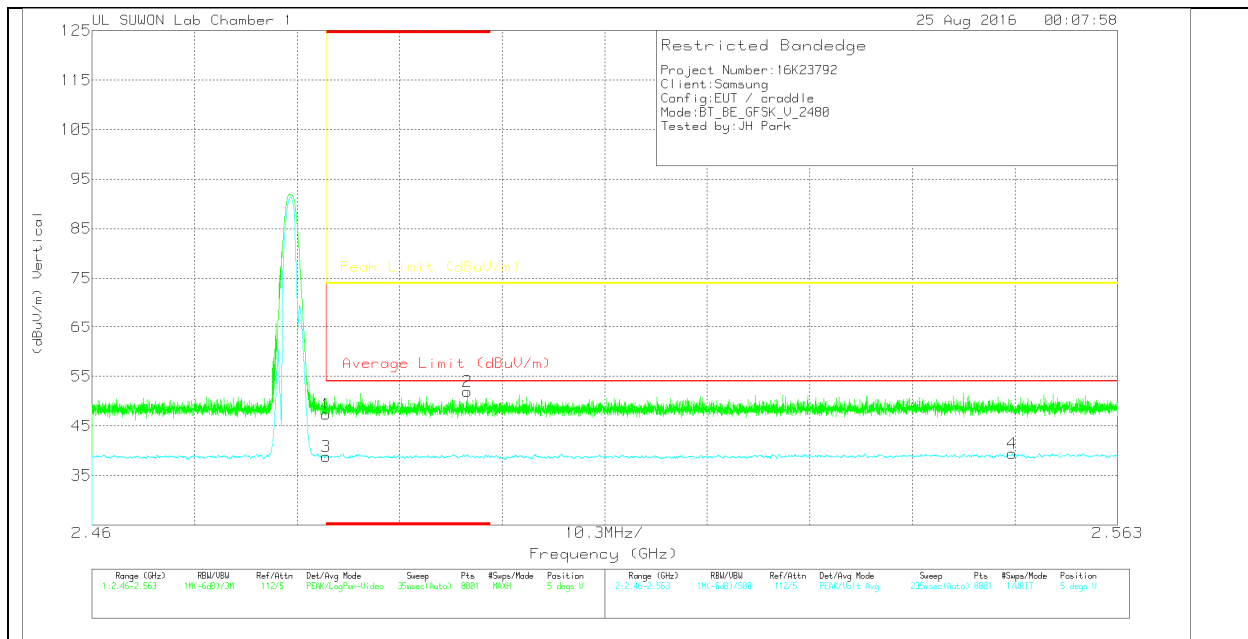
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	3117(0016 8717)_150 619	Path_2	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.484	46.2	Pk	32	-28.9	49.3	-	-	74	-24.7	0	190	H
2	2.501	49.08	Pk	32	-28.9	52.18	-	-	74	-21.82	0	190	H
3	* 2.484	35.96	VA1T	32	-28.9	39.06	54	-14.94	-	-	0	190	H
4	2.506	36.29	VA1T	32	-28.9	39.39	54	-14.61	-	-	0	190	H

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

Pk - Peak detector

VA1T - FHSS: Linear Voltage Average $VB=1/Ton$ where: Ton is transmit duration

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	44.29	Pk	32	-28.9	47.39	-	-	74	-26.61	5	100	V
2	* 2.498	48.8	Pk	32	-28.9	51.9	-	-	74	-22.1	5	100	V
3	* 2.484	35.77	VA1T	32	-28.9	38.87	54	-15.13	-	-	5	100	V
4	2.552	36.2	VA1T	32	-28.8	39.4	54	-14.6	-	-	5	100	V

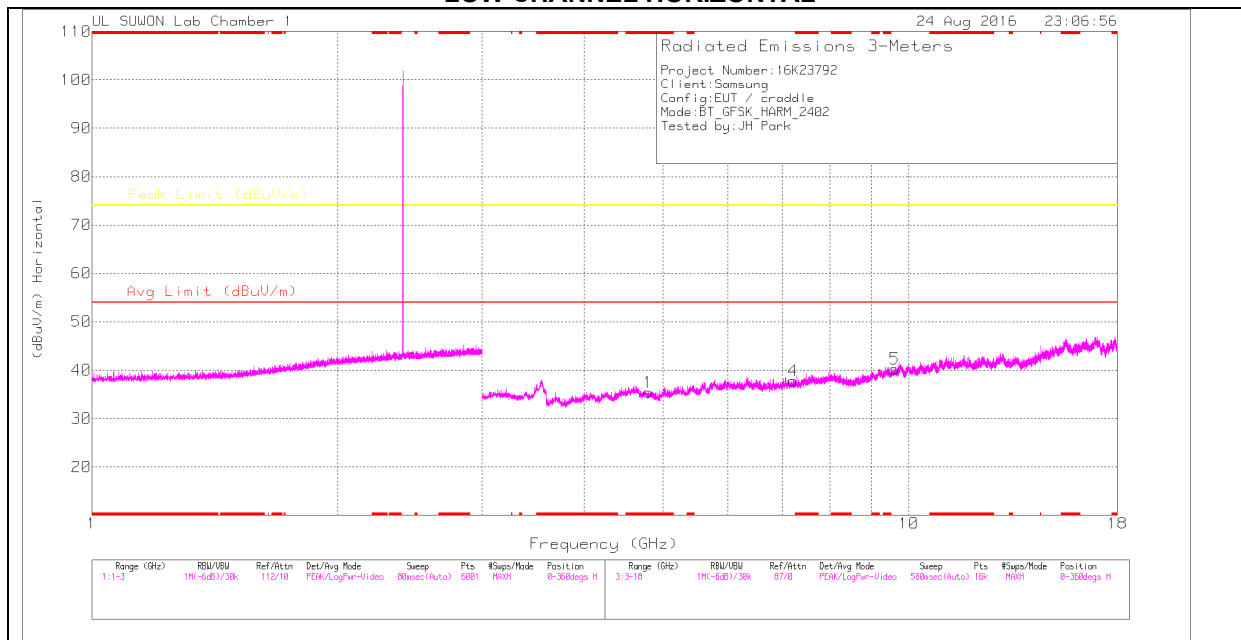
* - indicates frequency in CFR15.205/IC7.2.2 Restricted Band

Pk - Peak detector

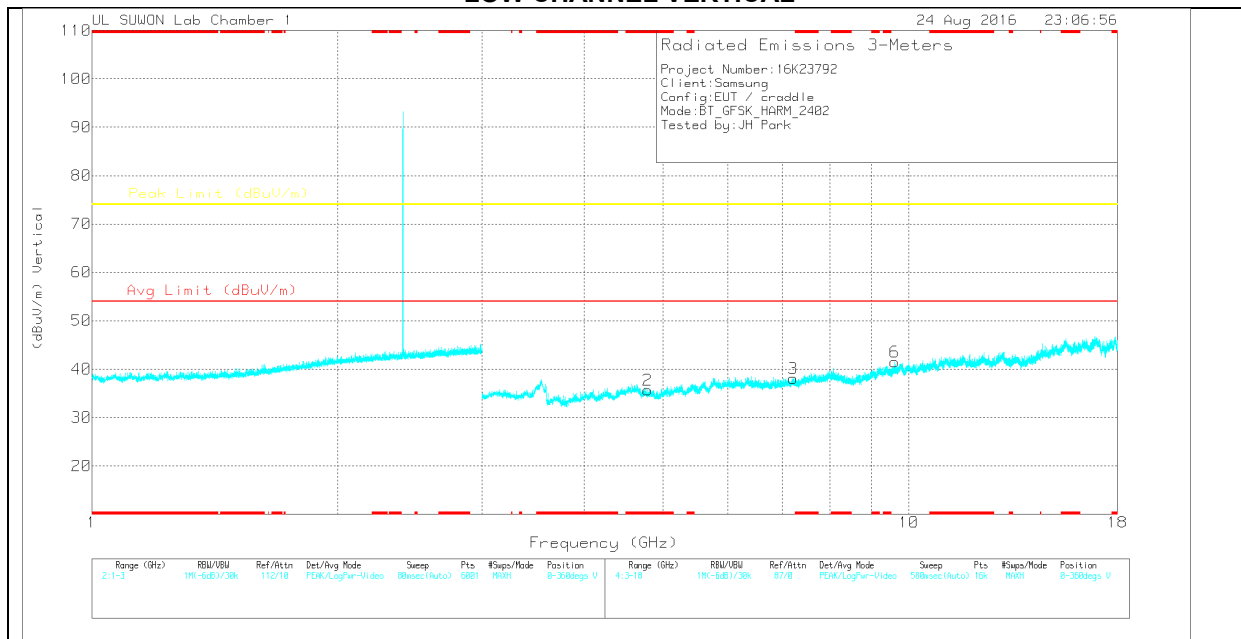
VA1T - FHSS: Linear Voltage Average $VB=1/Ton$ where: Ton is transmit duration

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

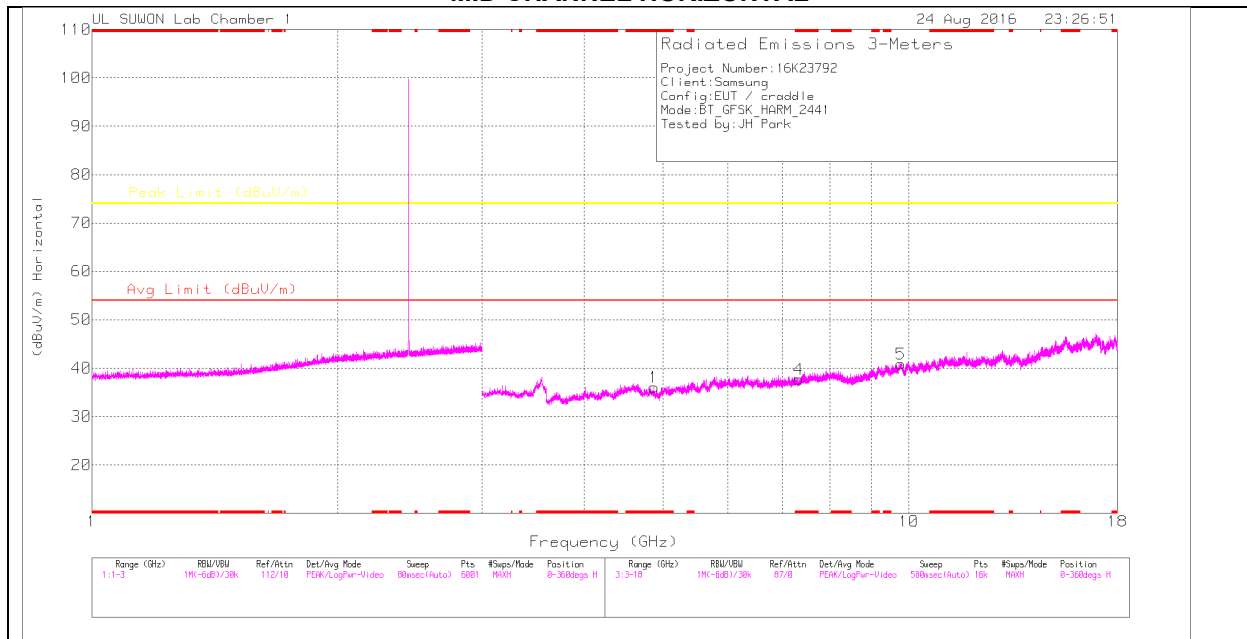
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	3117(0016 8717)_150 619	Path_3	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 4.793	35.24	PK	34	-33.8	35.44	-	-	74	-38.56	0-360	250	H
4	7.218	33.03	PK	35.7	-30.9	37.83	-	-	74	-36.17	0-360	250	H
5	9.605	30.6	PK	37	-27.3	40.3	-	-	74	-33.7	0-360	150	H
2	* 4.791	35.5	PK	34	-33.8	35.7	-	-	74	-38.3	0-360	150	V
3	7.22	33.3	PK	35.7	-30.9	38.1	-	-	74	-35.9	0-360	250	V
6	9.613	31.75	PK	37	-27.2	41.55	-	-	74	-32.45	0-360	150	V

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

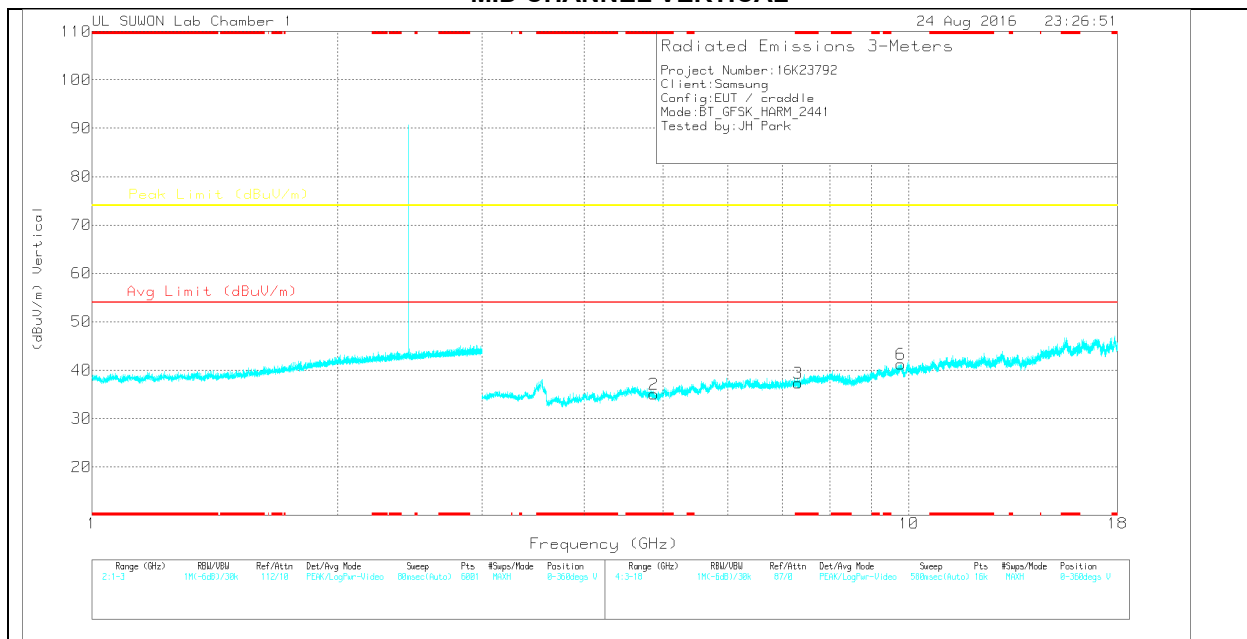
PK – Peak Detector

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

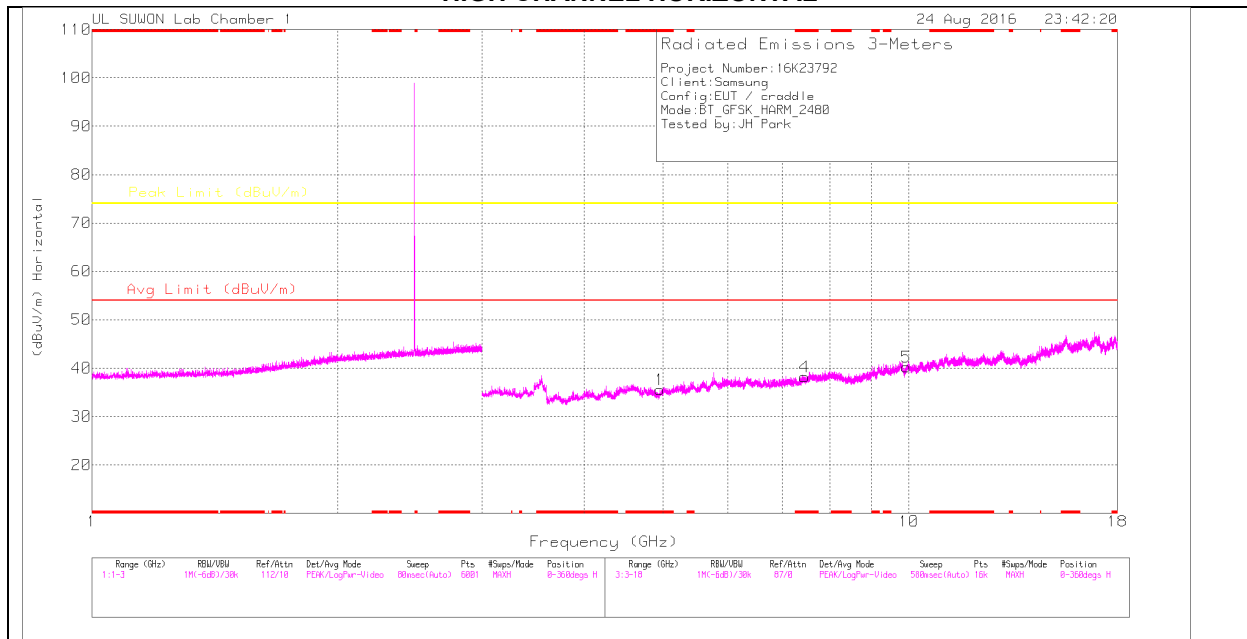
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	3117(0016 8717)_150 619	Path_3	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 4.876	36.1	PK	34	-34	36.1	-	-	74	-37.9	0-360	250	H
4	* 7.326	32.73	PK	35.8	-30.8	37.73	-	-	74	-36.27	0-360	150	H
5	9.774	30.07	PK	37.2	-26.4	40.87	-	-	74	-33.13	0-360	250	H
2	* 4.873	35.11	PK	34	-34	35.11	-	-	74	-38.89	0-360	150	V
3	* 7.32	32.4	PK	35.8	-30.9	37.3	-	-	74	-36.7	0-360	150	V
6	9.776	30.42	PK	37.2	-26.4	41.22	-	-	74	-32.78	0-360	250	V

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

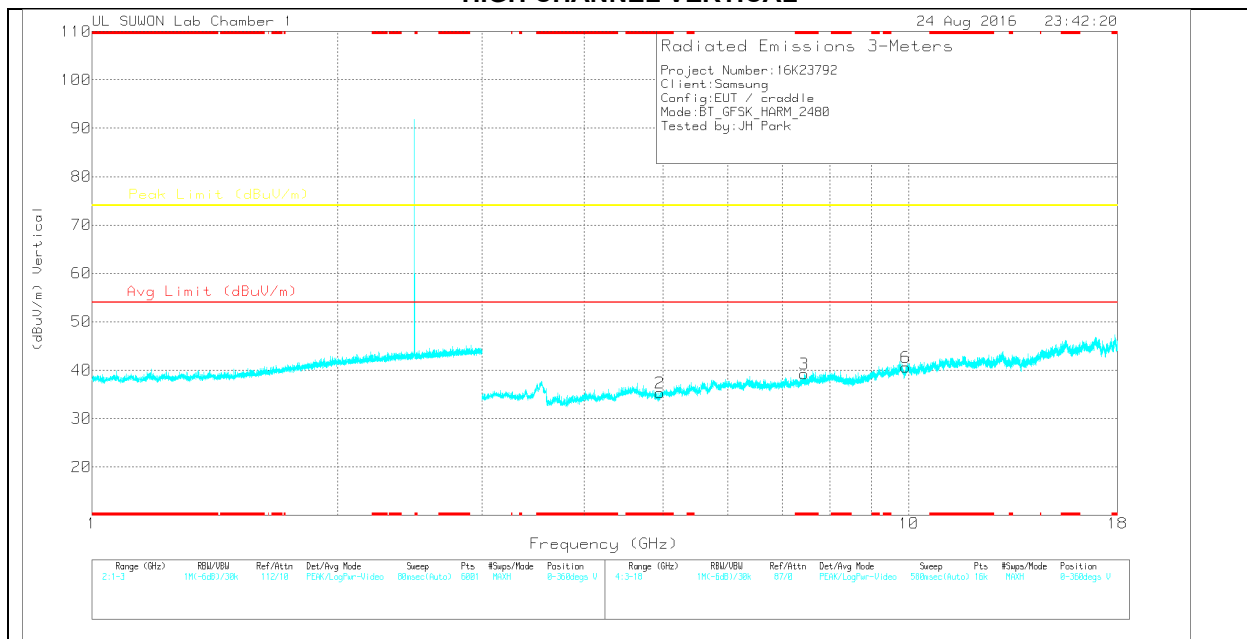
PK – Peak Detector

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	* 4.955	35.61	PK	34	-34	35.61	-	-	74	-38.39	0-360	150	H
4	* 7.45	32.99	PK	35.8	-30.6	38.19	-	-	74	-35.81	0-360	150	H
5	9.924	29.98	PK	37.4	-27.1	40.28	-	-	74	-33.72	0-360	250	H
2	* 4.96	35.34	PK	34	-34	35.34	-	-	74	-38.66	0-360	250	V
3	* 7.447	34	PK	35.8	-30.6	39.2	-	-	74	-34.8	0-360	150	V
6	9.916	30.49	PK	37.4	-27.3	40.59	-	-	74	-33.41	0-360	250	V

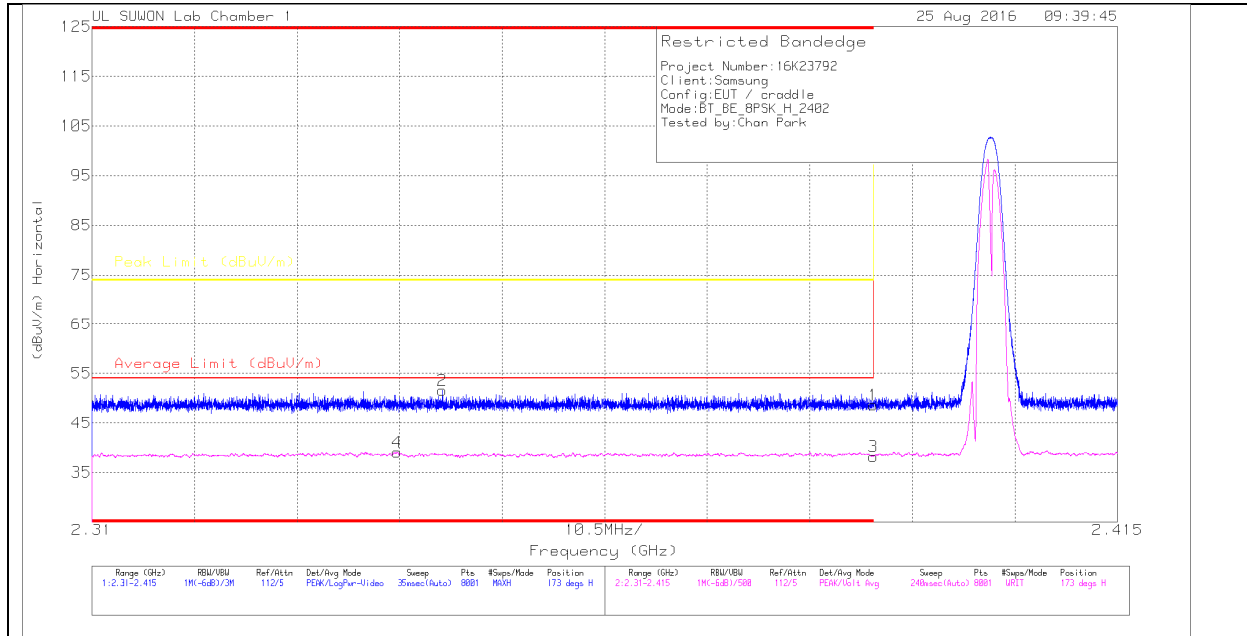
* - indicates frequency in CFR15.205/IC7.2.2 Restricted Band

PK – Peak Detector

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

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

HORIZONTAL PEAK AND AVERAGE PLOT



HORIZONTAL DATA

Trace Markers

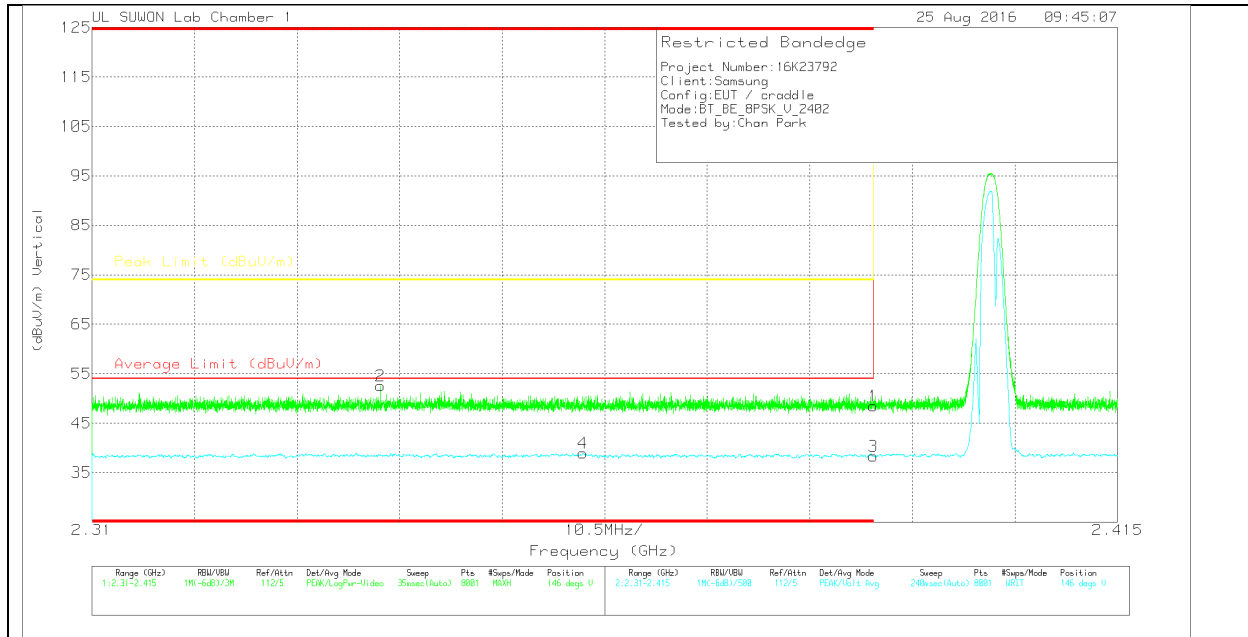
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	3117(0016 8717)_150 619	Path_2	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.39	45.79	Pk	31.8	-29	48.59	-	-	74	-25.41	173	100	H
2	* 2.346	48.82	Pk	31.7	-29	51.52	-	-	74	-22.48	173	100	H
3	* 2.39	35.44	VA1T	31.8	-29	38.24	54	-15.76	-	-	173	100	H
4	* 2.341	36.35	VA1T	31.7	-29	39.05	54	-14.95	-	-	173	100	H

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

Pk - Peak detector

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

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	45.66	Pk	31.8	-29	48.46	-	-	74	-25.54	146	147	V
2	* 2.34	49.81	Pk	31.7	-29	52.51	-	-	74	-21.49	146	147	V
3	* 2.39	35.56	VA1T	31.8	-29	38.36	54	-15.64	-	-	146	147	V
4	* 2.36	36.23	VA1T	31.7	-29	38.93	54	-15.07	-	-	146	147	V

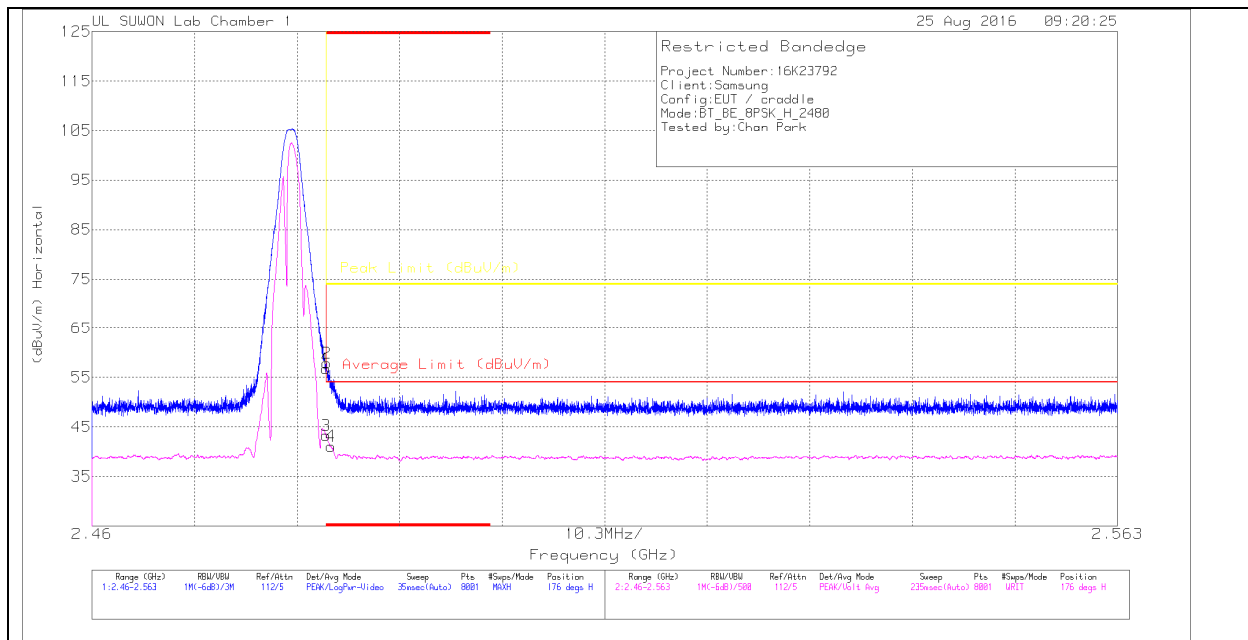
* - indicates frequency in CFR15.205/IC7.2.2 Restricted Band

Pk - Peak detector

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

AUTHORIZED BANDEDGE (HIGH CHANNEL)

HORIZONTAL PEAK AND AVERAGE PLOT



HORIZONTAL DATA

Trace Markers

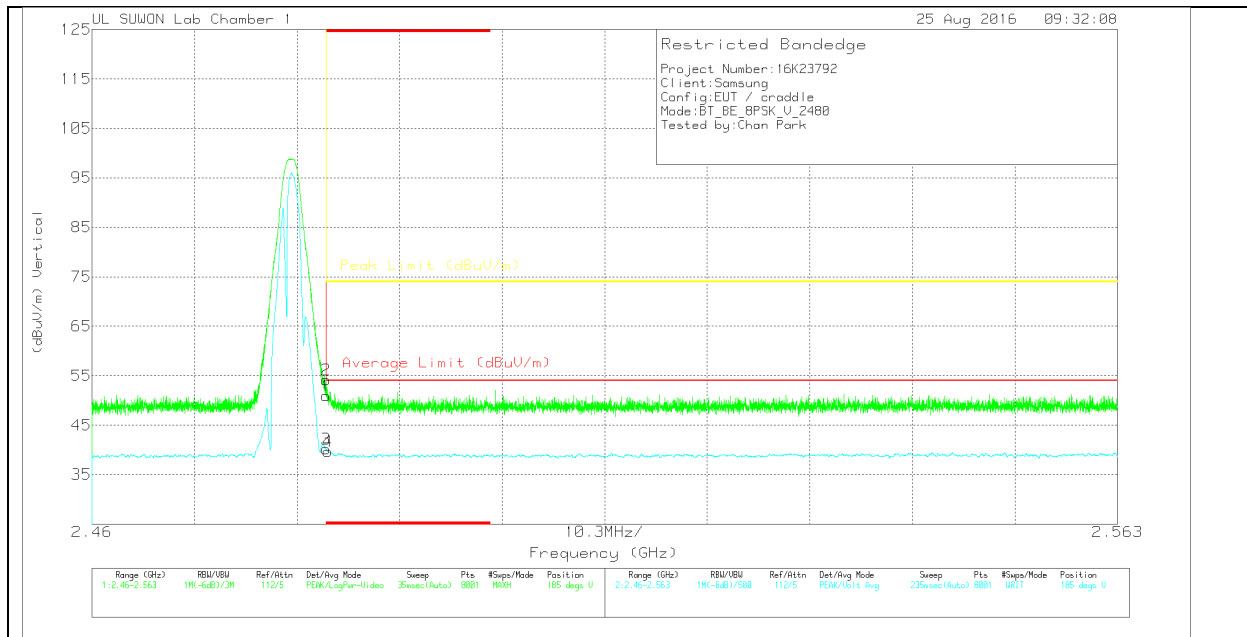
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	3117(0016 8717)_150 619	Path_2	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.484	53.67	Pk	32	-28.9	56.77	-	-	74	-17.23	176	135	H
2	* 2.484	54.8	Pk	32	-28.9	57.9	-	-	74	-16.1	176	135	H
3	* 2.484	40.23	VA1T	32	-28.9	43.33	54	-10.67	-	-	176	135	H
4	* 2.484	38.01	VA1T	32	-28.9	41.11	54	-12.89	-	-	176	135	H

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

Pk - Peak detector

VA1T - FHSS: Linear Voltage Average $VB=1/Ton$ where: Ton is transmit duration

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	47.89	Pk	32	-28.9	50.99	-	-	74	-23.01	185	150	V
2	* 2.484	51.07	Pk	32	-28.9	54.17	-	-	74	-19.83	185	150	V
3	* 2.484	37.03	VA1T	32	-28.9	40.13	54	-13.87	-	-	185	150	V
4	* 2.484	36.61	VA1T	32	-28.9	39.71	54	-14.29	-	-	185	150	V

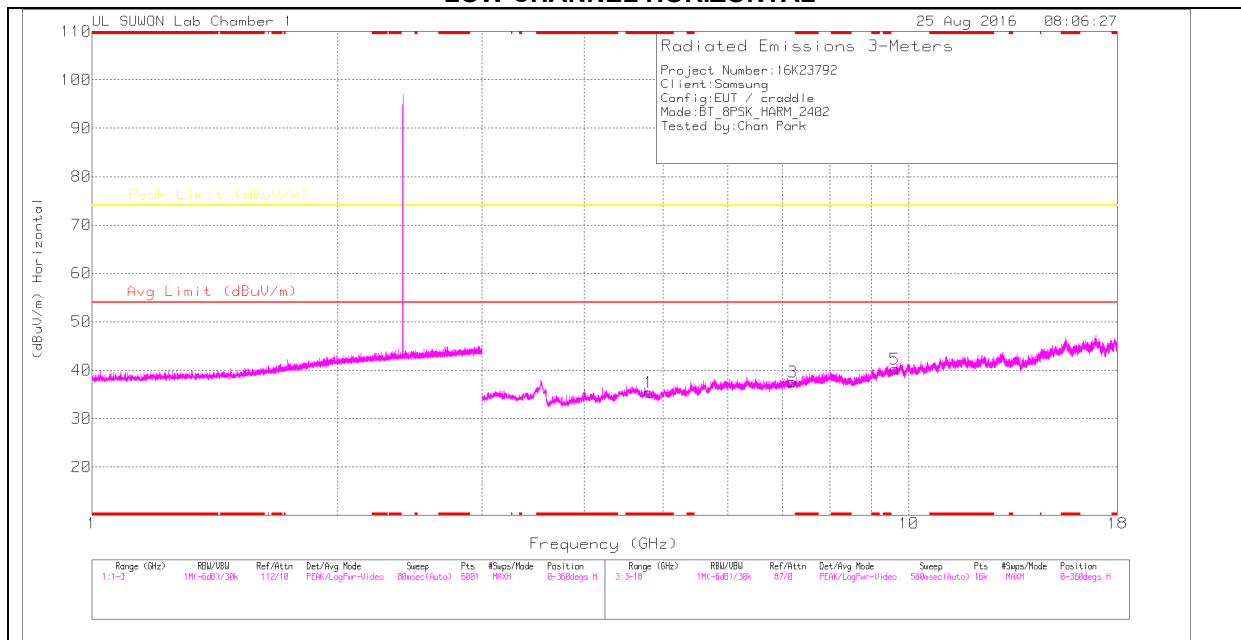
* - indicates frequency in CFR15.205/IC7.2.2 Restricted Band

Pk - Peak detector

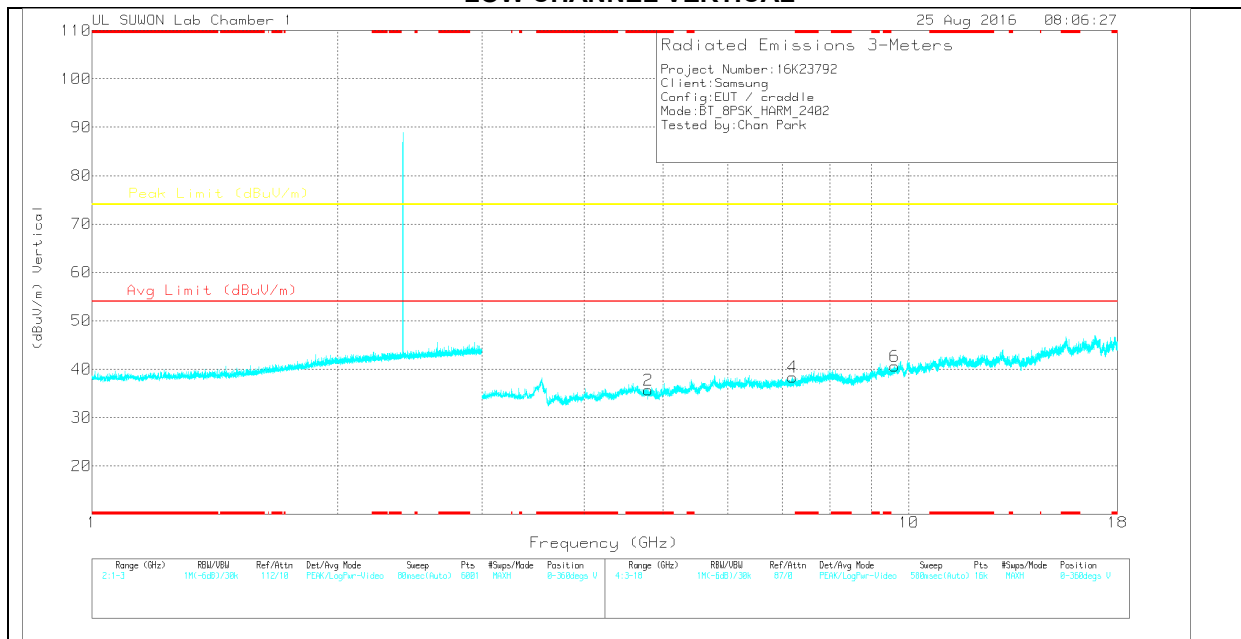
VA1T - FHSS: Linear Voltage Average $V_B=1/T_{on}$ where: T_{on} is transmit duration

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

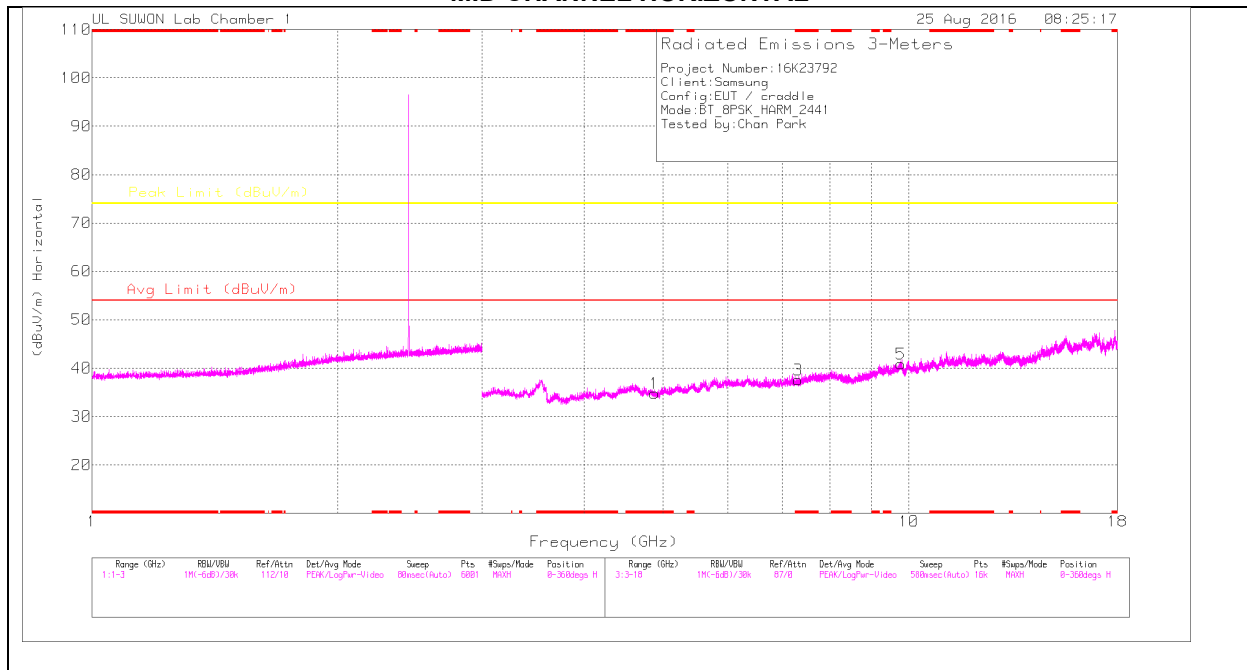
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	3117(0016 8717)_150 619	Path_3	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 4.807	35.21	PK	34	-33.8	35.41	-	-	74	-38.59	0-360	150	H
3	7.205	32.68	PK	35.7	-30.8	37.58	-	-	74	-36.42	0-360	250	H
5	9.606	30.52	PK	37	-27.3	40.22	-	-	74	-33.78	0-360	250	H
2	* 4.8	35.49	PK	34	-33.8	35.69	-	-	74	-38.31	0-360	150	V
4	7.202	33.4	PK	35.7	-30.7	38.4	-	-	74	-35.6	0-360	250	V
6	9.614	30.85	PK	37	-27.2	40.65	-	-	74	-33.35	0-360	150	V

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

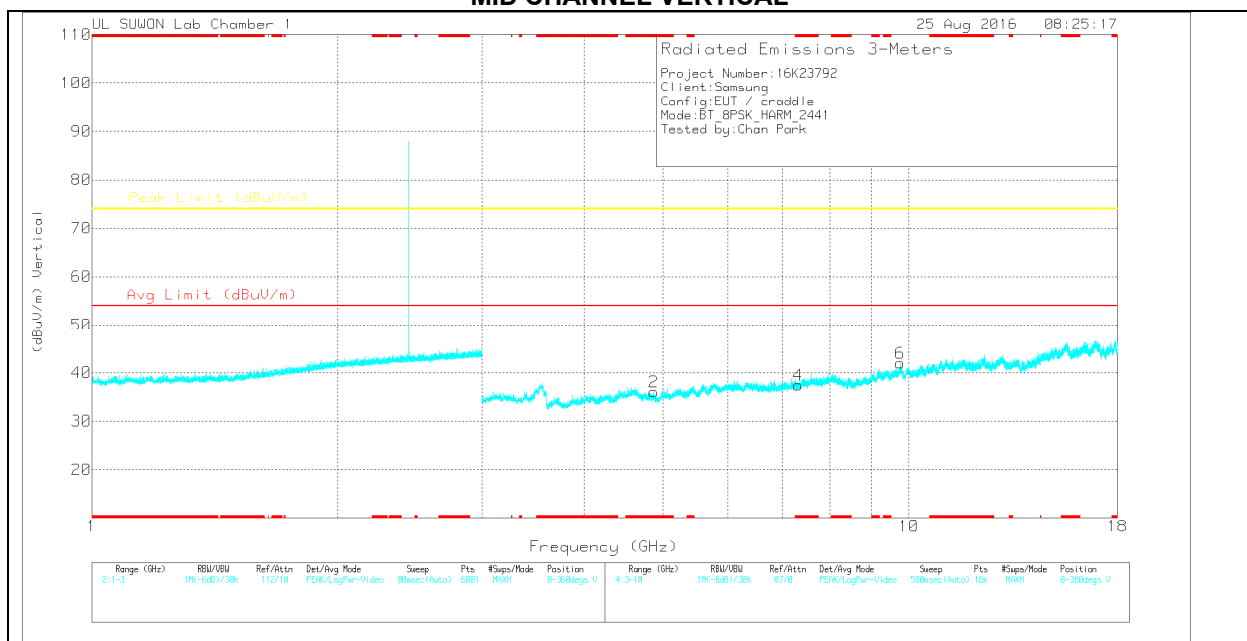
PK – Peak detector

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

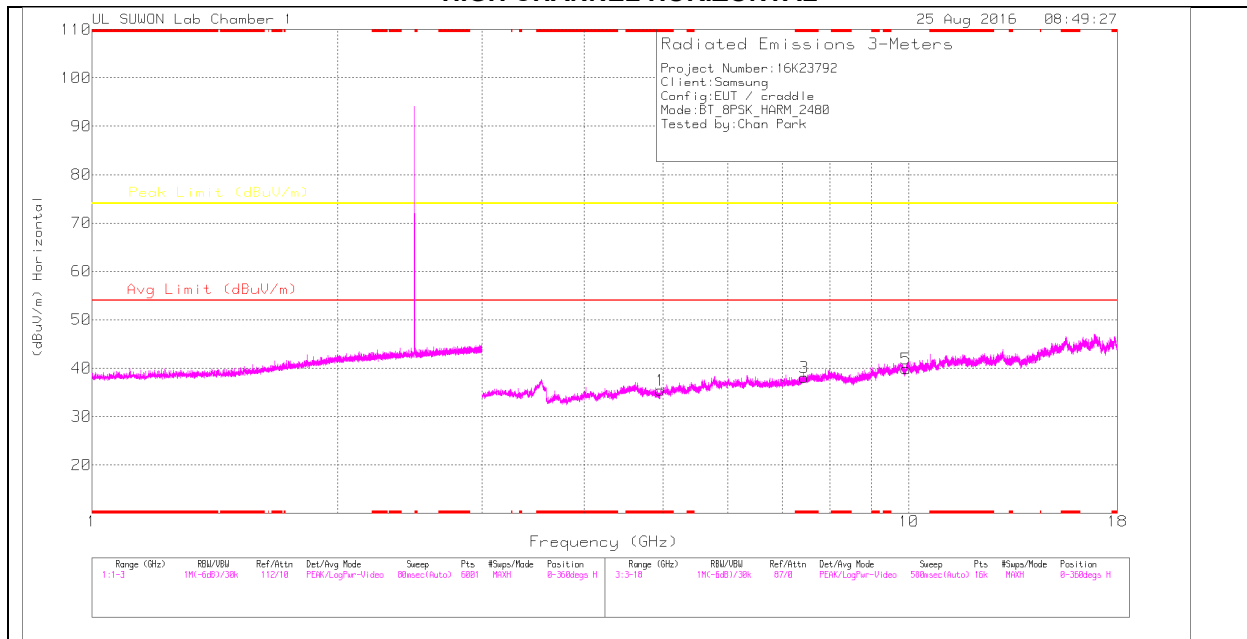
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	3117(0016 8717)_150 619	Path_3	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 4.884	34.84	PK	34	-34	34.84	-	-	74	-39.16	0-360	250	H
3	* 7.323	32.74	PK	35.8	-30.9	37.64	-	-	74	-36.36	0-360	250	H
5	9.769	30.2	PK	37.2	-26.5	40.9	-	-	74	-33.1	0-360	150	H
2	* 4.875	36.09	PK	34	-34	36.09	-	-	74	-37.91	0-360	150	V
4	* 7.317	32.57	PK	35.8	-30.9	37.47	-	-	74	-36.53	0-360	150	V
6	9.758	31.56	PK	37.2	-26.7	42.06	-	-	74	-31.94	0-360	250	V

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

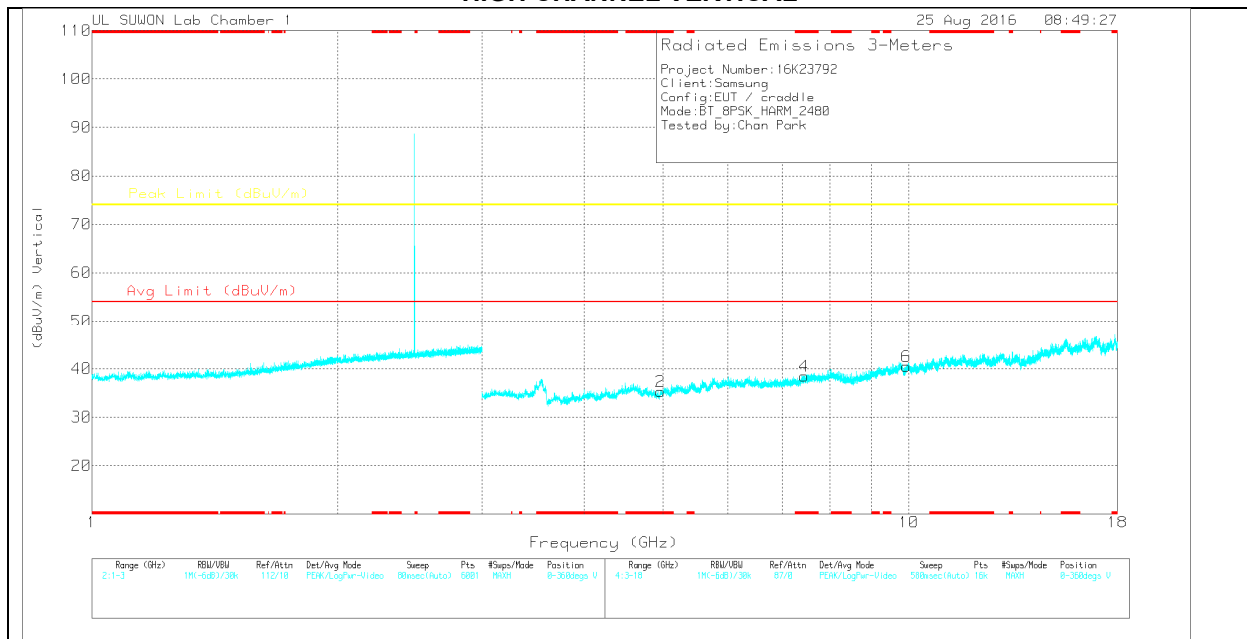
PK – Peak detector

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	* 4.963	35.42	PK	34	-34	35.42	-	-	74	-38.58	0-360	250	H
3	* 7.44	32.97	PK	35.8	-30.7	38.07	-	-	74	-35.93	0-360	150	H
5	9.917	29.81	PK	37.4	-27.3	39.91	-	-	74	-34.09	0-360	250	H
2	* 4.962	35.33	PK	34	-34	35.33	-	-	74	-38.67	0-360	150	V
4	* 7.44	33.31	PK	35.8	-30.7	38.41	-	-	74	-35.59	0-360	150	V
6	9.923	30.14	PK	37.4	-27.1	40.44	-	-	74	-33.56	0-360	150	V

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

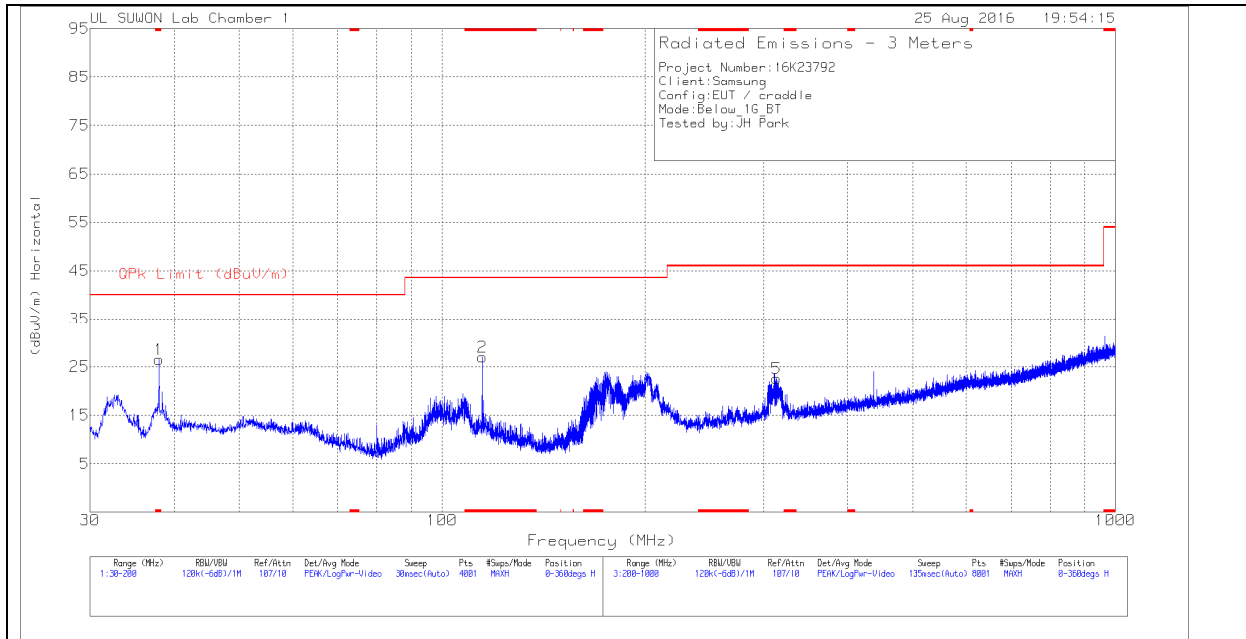
PK – Peak detector

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

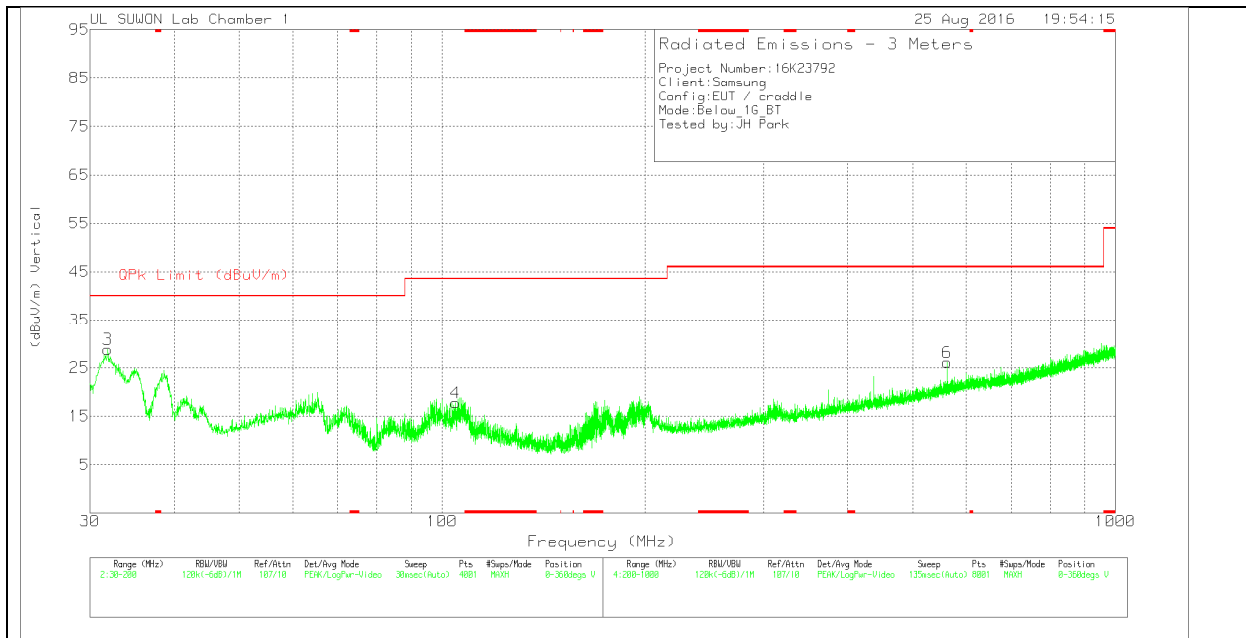
9.3. WORST-CASE BELOW 1 GHz

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	* 37.99	45.2	Pk	11.7	-30.4	26.5	40	-13.5	0-360	100	H
2	* 114.7025	45.69	Pk	10.4	-29.1	26.99	43.52	-16.53	0-360	100	H
3	31.87	49.04	Pk	10.3	-30.5	28.84	40	-11.16	0-360	100	V
4	104.7575	35.74	Pk	11.2	-29.2	17.74	43.52	-25.78	0-360	100	V
5	313.5	36.33	Pk	13.6	-27.3	22.63	46.02	-23.39	0-360	100	H
6	562.6	33.78	Pk	18.4	-26	26.18	46.02	-19.84	0-360	100	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.

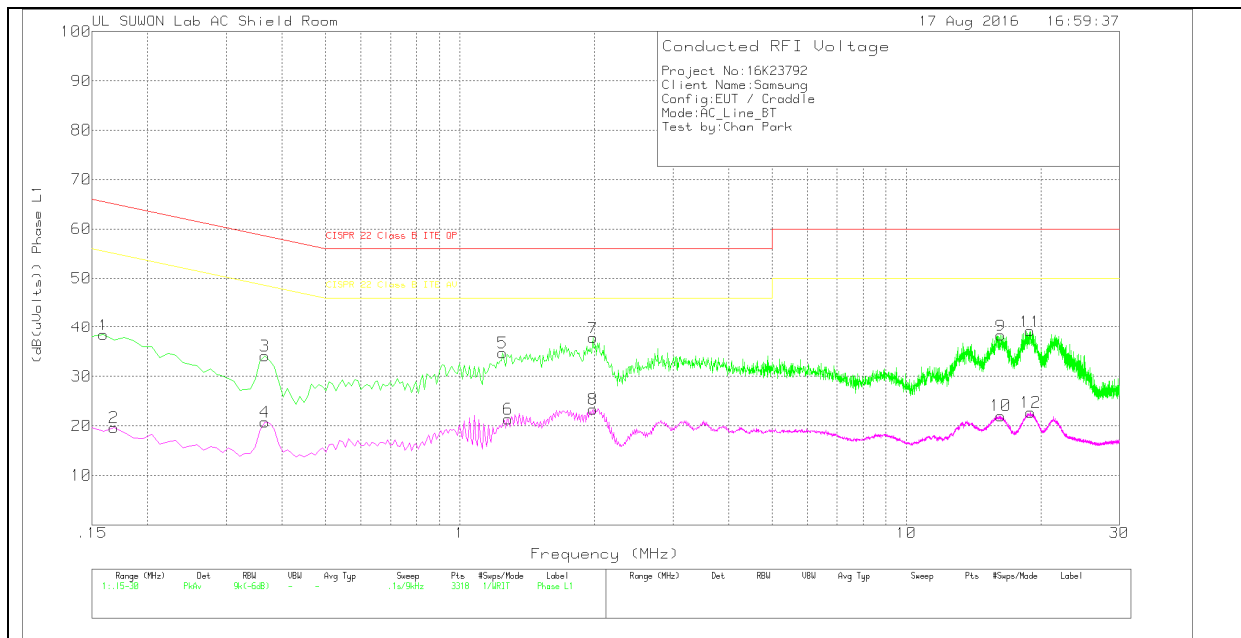
The receiver is set to a resolution bandwidth of 9 kHz. Peak detection is used unless otherwise noted as quasi-peak or average.

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

RESULTS

6 WORST EMISSIONS

LINE 1 PLOT



LINE 1 RESULTS

Trace Markers

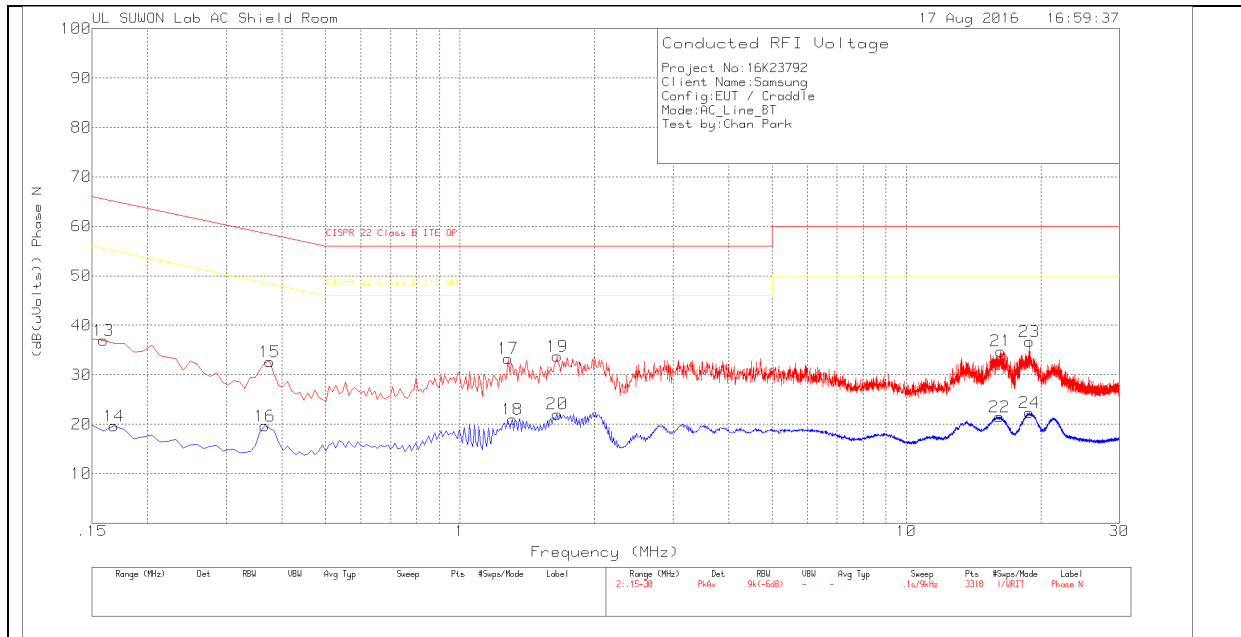
Phase L1 .15 - 30MHz

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	.159	28.41	Pk	10	0	38.41	65.52	-27.11	-	-
2	.168	9.42	Av	10.2	0	19.62	-	-	55.06	-35.44
3	.366	23.97	Pk	10.1	0	34.07	58.59	-24.52	-	-
4	.366	10.66	Av	10.1	0	20.76	-	-	48.59	-27.83
5	1.248	24.74	Pk	9.9	.1	34.74	56	-21.26	-	-
6	1.284	11.38	Av	9.9	.1	21.38	-	-	46	-24.62
7	1.986	27.94	Pk	9.8	.1	37.84	56	-18.16	-	-
8	1.986	13.46	Av	9.8	.1	23.36	-	-	46	-22.64
9	16.278	27.86	Pk	10.2	.2	38.26	60	-21.74	-	-
10	16.287	11.65	Av	10.2	.2	22.05	-	-	50	-27.95
11	18.924	28.62	Pk	10.4	.2	39.22	60	-20.78	-	-
12	18.987	12.11	Av	10.4	.2	22.71	-	-	50	-27.29

Pk - Peak detector

Av - Average detection

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	.159	26.96	Pk	10	0	36.96	65.52	-28.56	-	-
14	.168	9.44	Av	10.2	0	19.64	-	-	55.06	-35.42
15	.375	22.51	Pk	10.1	0	32.61	58.39	-25.78	-	-
16	.366	9.57	Av	10.1	0	19.67	-	-	48.59	-28.92
17	1.284	23.4	Pk	9.8	.1	33.3	56	-22.7	-	-
18	1.311	11.1	Av	9.8	.1	21	-	-	46	-25
19	1.653	23.87	Pk	9.8	.1	33.77	56	-22.23	-	-
20	1.653	12.15	Av	9.8	.1	22.05	-	-	46	-23.95
21	16.251	24.19	Pk	10.4	.2	34.79	60	-25.21	-	-
22	16.17	10.91	Av	10.4	.2	21.51	-	-	50	-28.49
23	18.843	25.91	Pk	10.6	.2	36.71	60	-23.29	-	-
24	18.861	11.51	Av	10.6	.2	22.31	-	-	50	-27.69

Pk - Peak detector

Av - Average detection