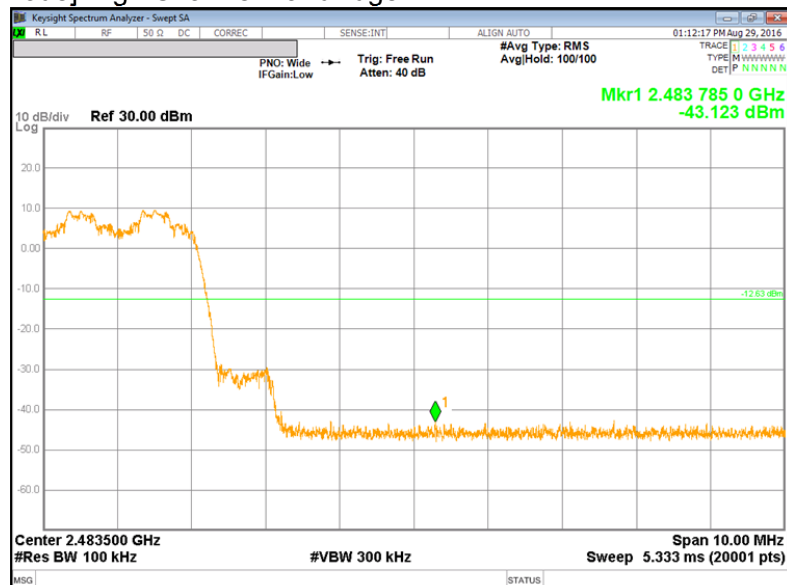


BandEdge Emission at 8PSK Hopping Mode

[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
IC RSS-GEN Clause 8.9 (Transmitter)
IC RSS-GEN Clause 7 (Receiver)

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.

(From 30MHz to 1GHz, test was performed with the EUT set to transmit at the channel with highest output power)

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.

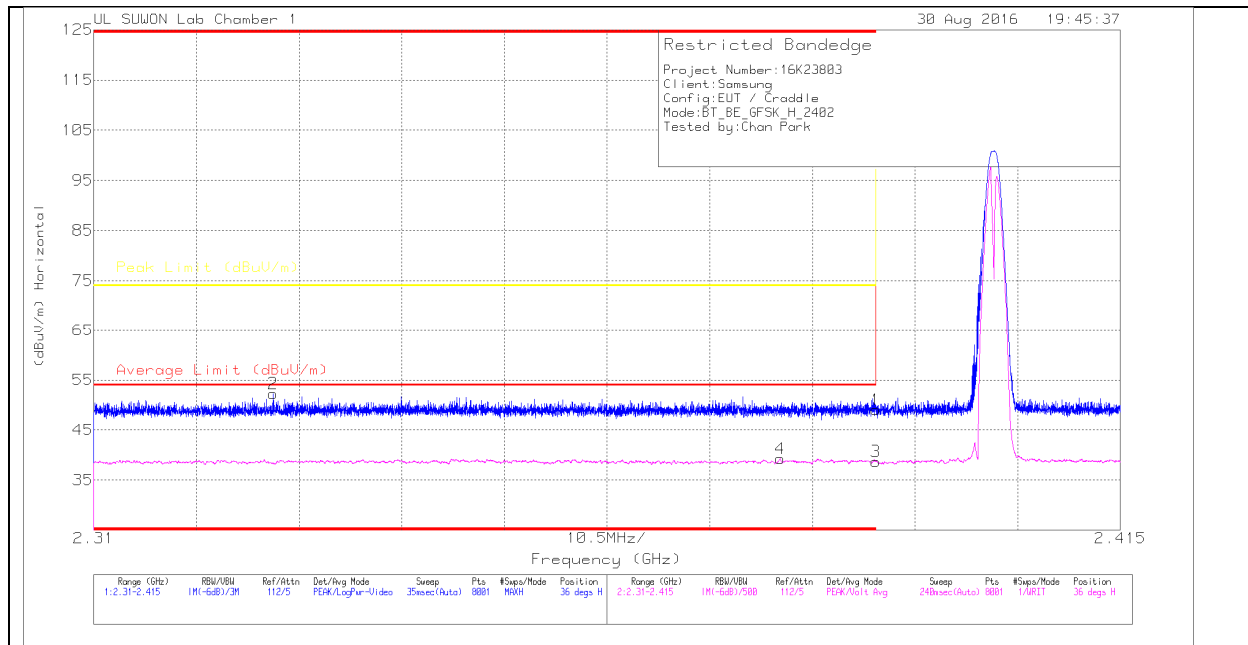
Formula for converting the field strength from uV/m to dBuV/m is:
 $\text{Limit (dBuV/m)} = 20 \log \text{limit (uV/m)}$

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

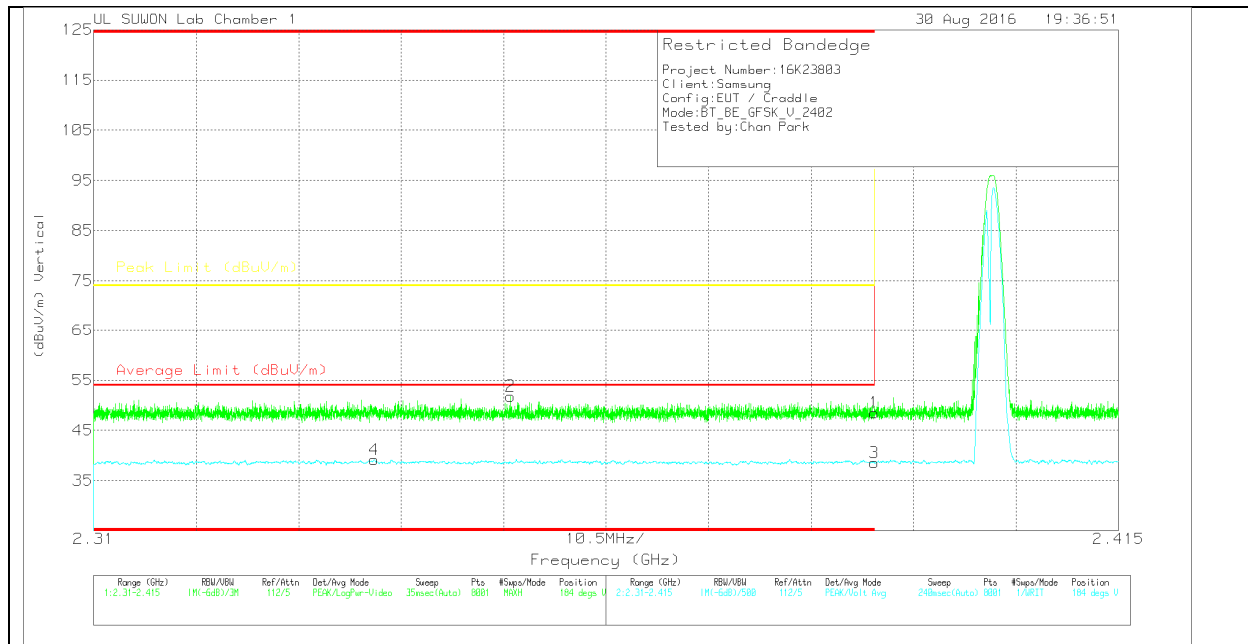
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	3117(0016 8717)_150 619	Path_2	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.39	46.29	Pk	31.8	-29	49.09	-	-	74	-24.91	36	146	H
2	* 2.328	49.58	Pk	31.7	-29	52.28	-	-	74	-21.72	36	146	H
3	* 2.39	35.91	VA1T	31.8	-29	38.71	54	-15.29	-	-	36	146	H
4	* 2.38	36.46	VA1T	31.8	-29	39.26	54	-14.74	-	-	36	146	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	* 2.39	45.71	Pk	31.8	-29	48.51	-	-	74	-25.49	184	244	V
2	* 2.353	49.1	Pk	31.7	-29	51.8	-	-	74	-22.2	184	244	V
3	* 2.39	35.78	VA1T	31.8	-29	38.58	54	-15.42	-	-	184	244	V
4	* 2.339	36.48	VA1T	31.7	-29	39.18	54	-14.82	-	-	184	244	V

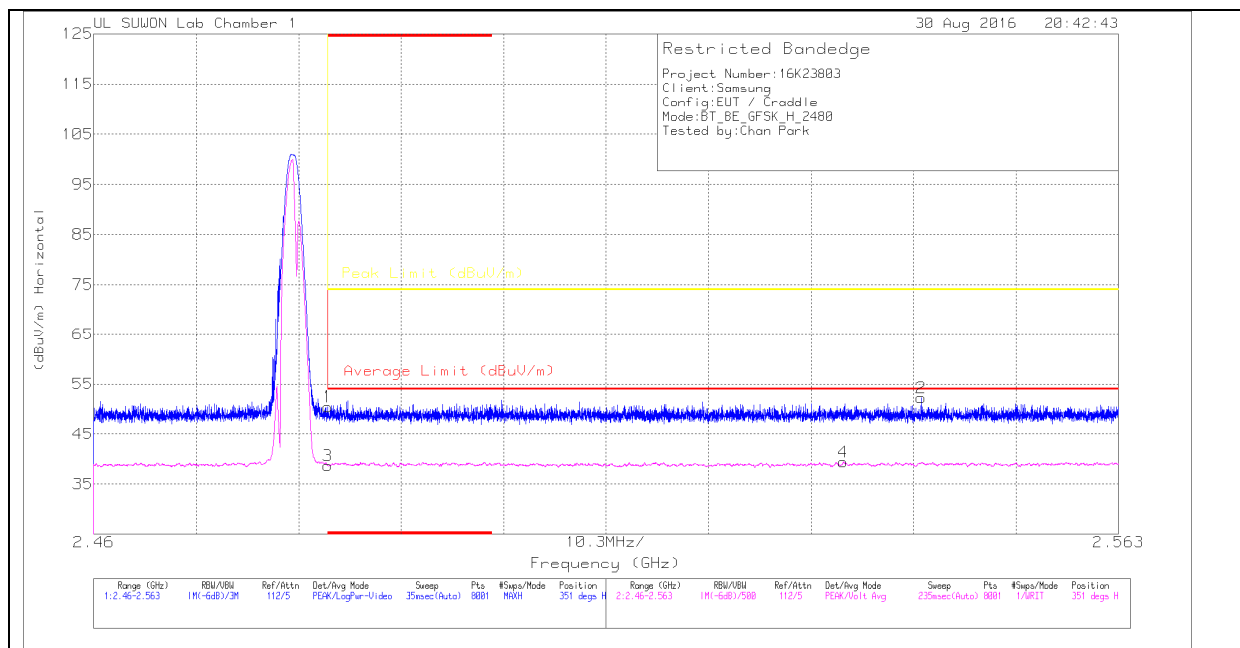
* - indicates frequency in CFR15.205/IC7.2.2 Restricted Band

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

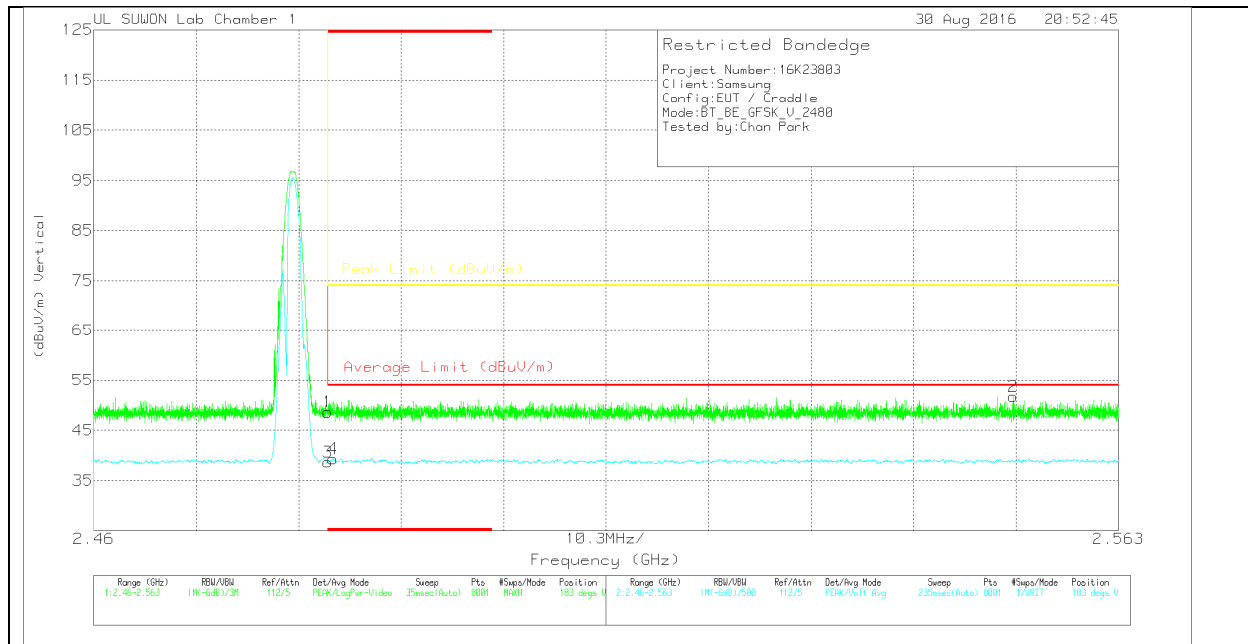
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	3117(0016 8717)_150 619	Path_2	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.484	47.36	Pk	32	-28.9	50.46	-	-	74	-23.54	351	182	H
2	2.543	49.04	Pk	32	-28.8	52.24	-	-	74	-21.76	351	182	H
3	* 2.484	35.57	VA1T	32	-28.9	38.67	54	-15.33	-	-	351	182	H
4	2.535	36.18	VA1T	32	-28.8	39.38	54	-14.62	-	-	351	182	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	45.56	Pk	32	-28.9	48.66	-	-	74	-25.34	183	200	V
2	2.552	48.55	Pk	32	-28.8	51.75	-	-	74	-22.25	183	200	V
3	* 2.484	35.56	VA1T	32	-28.9	38.66	54	-15.34	-	-	183	200	V
4	* 2.484	36.23	VA1T	32	-28.9	39.33	54	-14.67	-	-	183	200	V

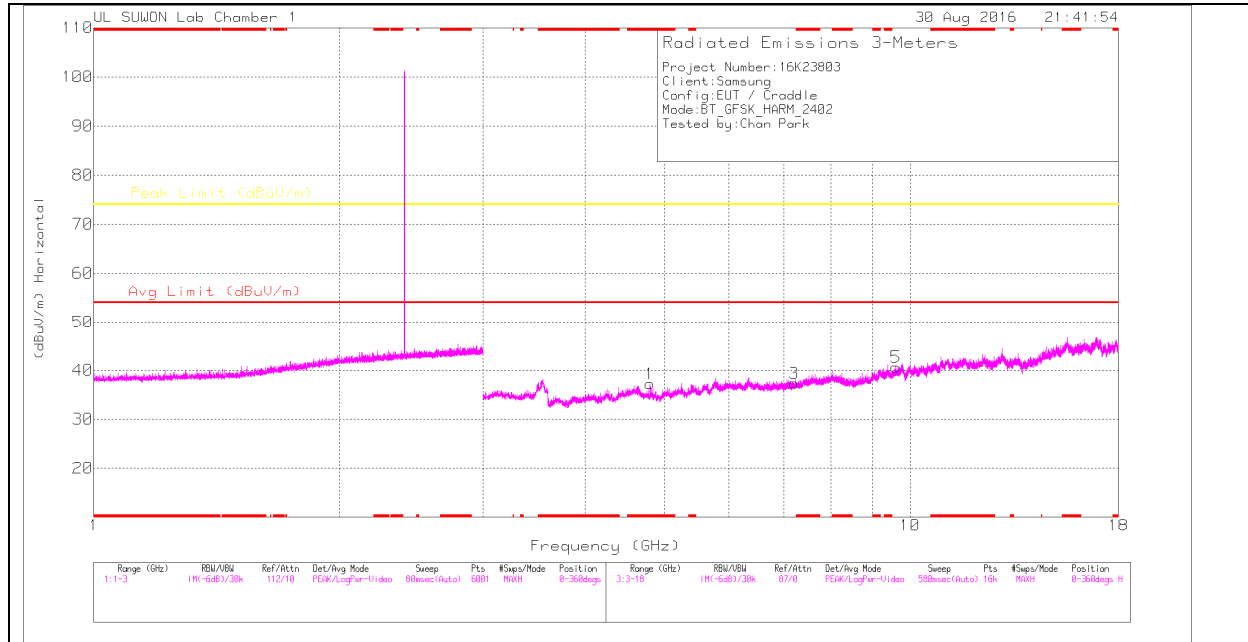
* - indicates frequency in CFR15.205/IC7.2.2 Restricted Band

Pk - Peak detector

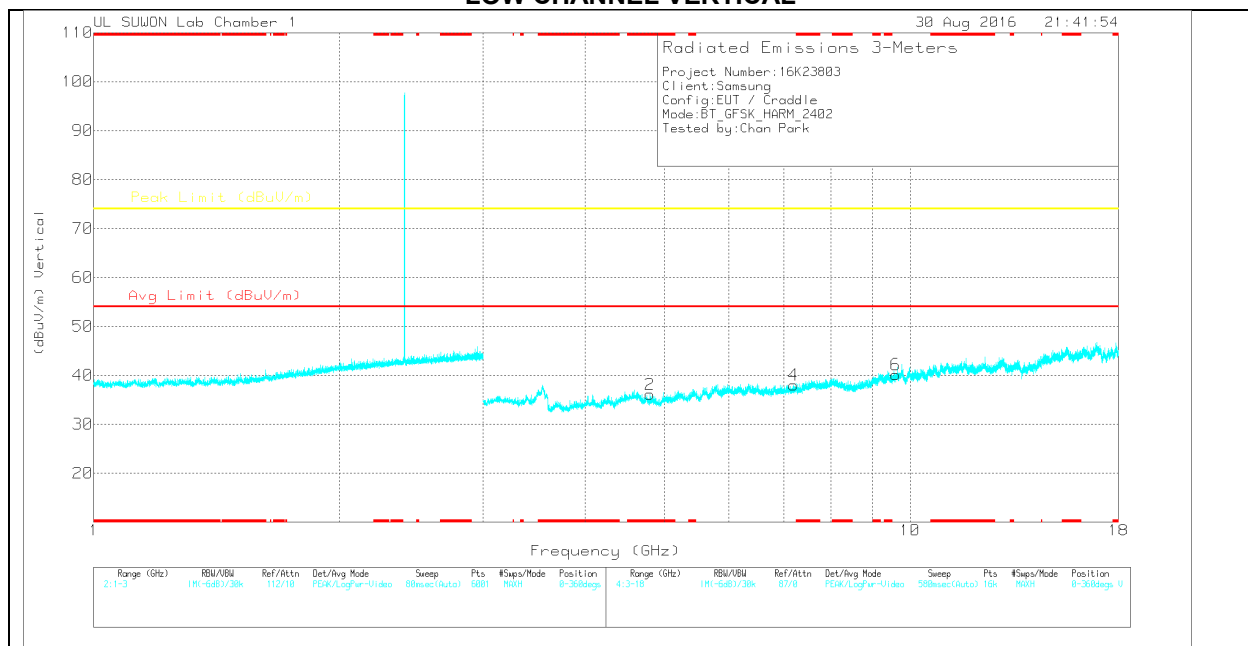
VA1T - FHSS: Linear Voltage Average VB=1/Ton where: Ton is transmit duration

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

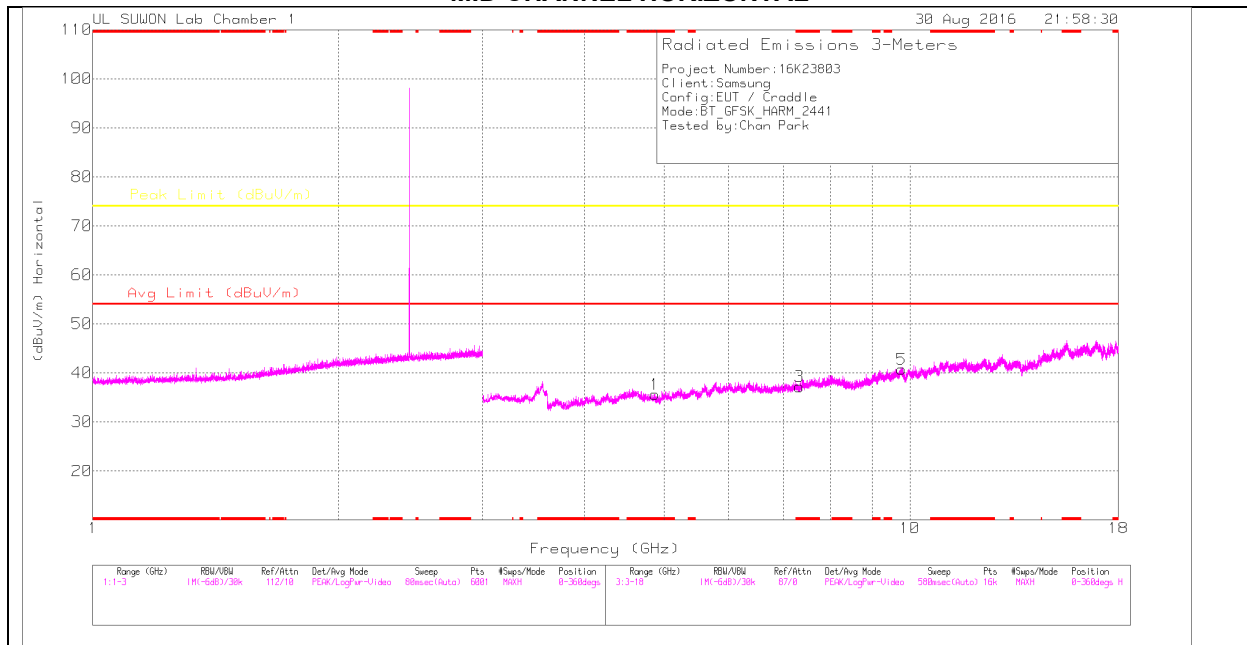
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	3117(0016 8717)_150 619	Path_3	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 4.804	37.04	PK	34	-33.8	37.24	-	-	74	-36.76	0-360	150	H
3	7.21	32.47	PK	35.7	-30.8	37.37	-	-	74	-36.63	0-360	250	H
5	9.609	30.95	PK	37	-27.3	40.65	-	-	74	-33.35	0-360	150	H
2	* 4.804	35.93	PK	34	-33.8	36.13	-	-	74	-37.87	0-360	150	V
4	7.199	33.03	PK	35.7	-30.7	38.03	-	-	74	-35.97	0-360	150	V
6	9.6	30.46	PK	37	-27.3	40.16	-	-	74	-33.84	0-360	150	V

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

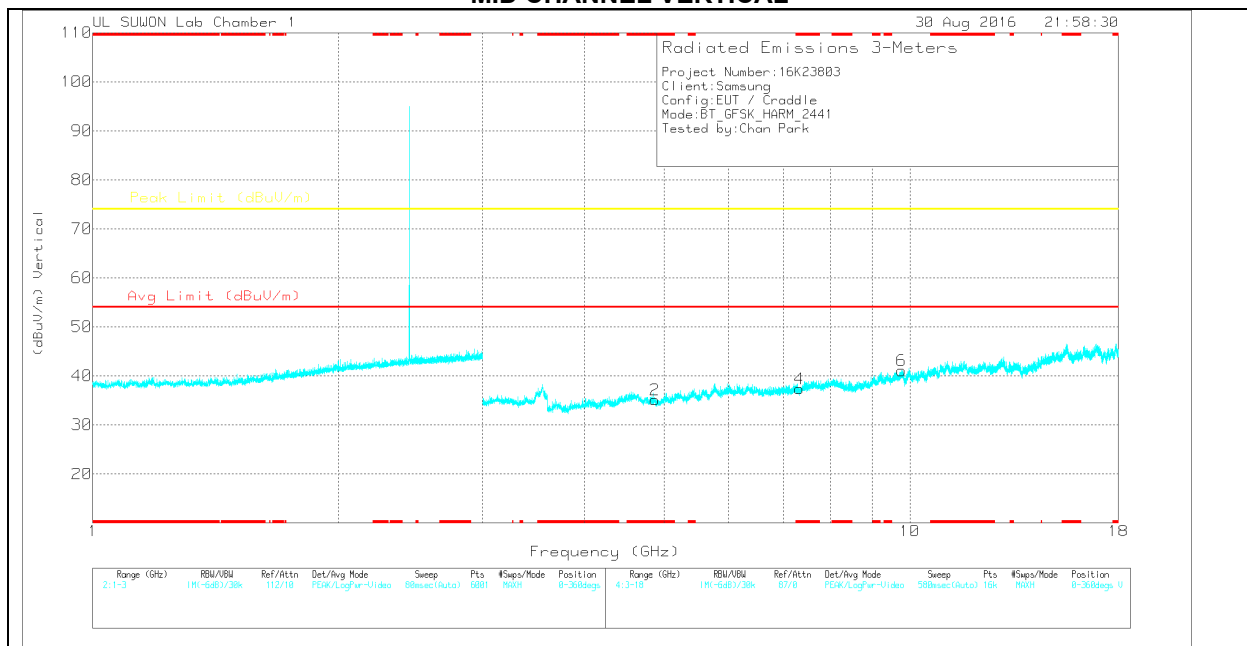
PK – Peak detector

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

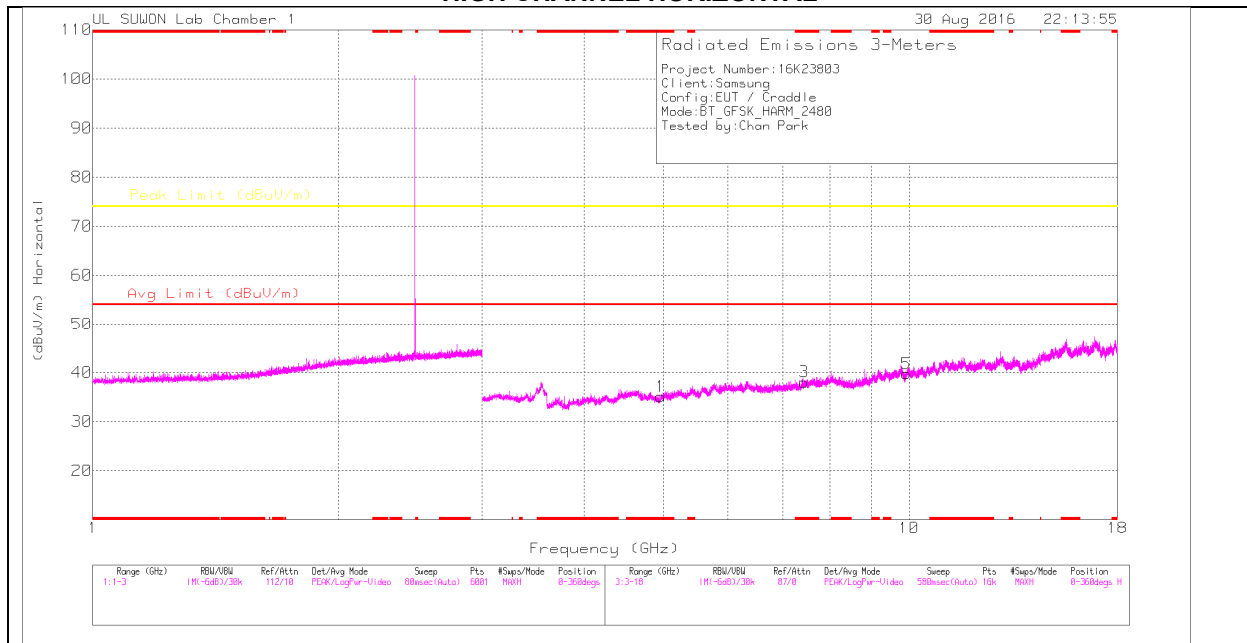
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	3117(0016 8717)_150 619	Path_3	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 4.874	35.6	PK	34	-34	35.6	-	-	74	-38.4	0-360	150	H
3	* 7.324	32.3	PK	35.8	-30.9	37.2	-	-	74	-36.8	0-360	150	H
5	9.763	30.14	PK	37.2	-26.6	40.74	-	-	74	-33.26	0-360	150	H
2	* 4.878	35.09	PK	34	-34	35.09	-	-	74	-38.91	0-360	250	V
4	* 7.322	32.47	PK	35.8	-30.9	37.37	-	-	74	-36.63	0-360	250	V
6	9.763	30.48	PK	37.2	-26.6	41.08	-	-	74	-32.92	0-360	250	V

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

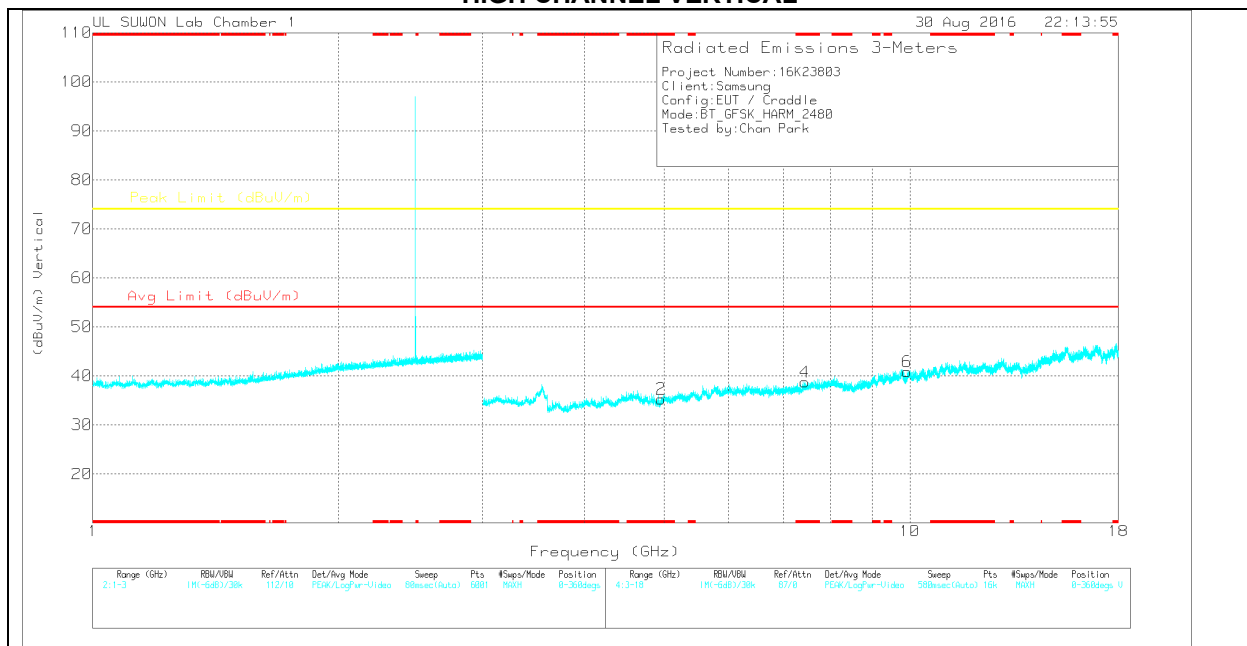
PK – Peak detector

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	* 4.964	35.11	PK	34	-34	35.11	-	-	74	-38.89	0-360	150	H
3	* 7.435	32.96	PK	35.8	-30.7	38.06	-	-	74	-35.94	0-360	150	H
5	9.918	29.64	PK	37.4	-27.3	39.74	-	-	74	-34.26	0-360	250	H
2	* 4.962	35.3	PK	34	-34	35.3	-	-	74	-38.7	0-360	250	V
4	* 7.438	33.63	PK	35.8	-30.7	38.73	-	-	74	-35.27	0-360	250	V
6	9.925	30.57	PK	37.4	-27.1	40.87	-	-	74	-33.13	0-360	250	V

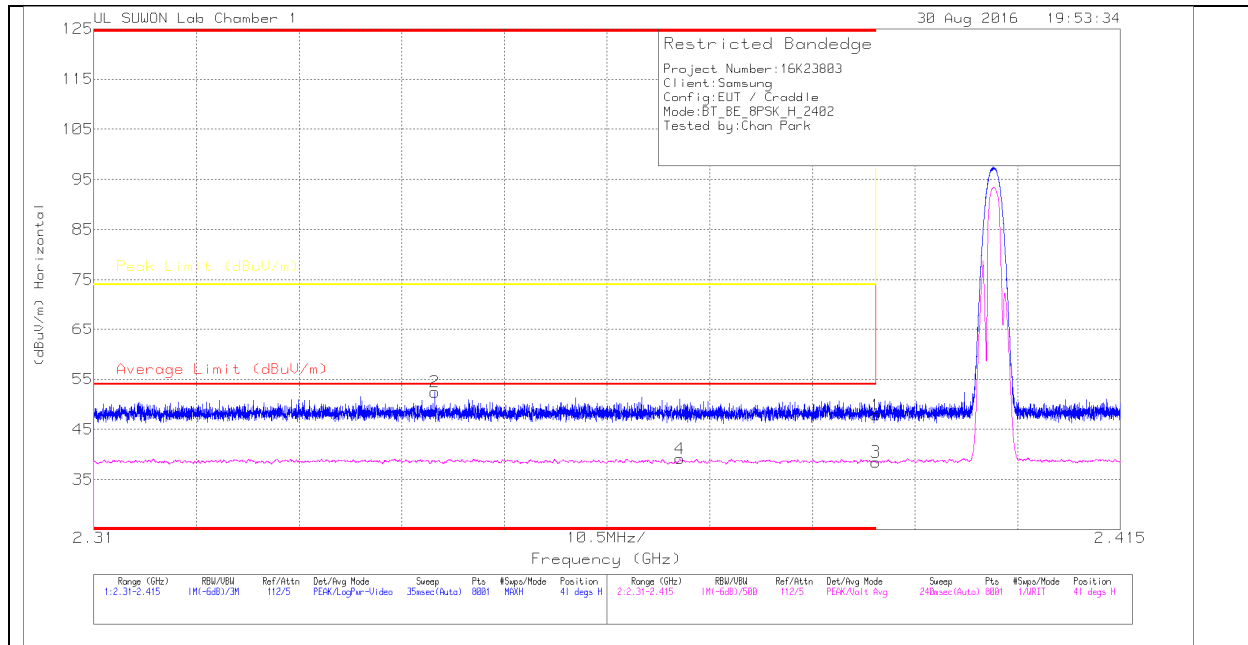
* - indicates frequency in CFR15.205/IC7.2.2 Restricted Band

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

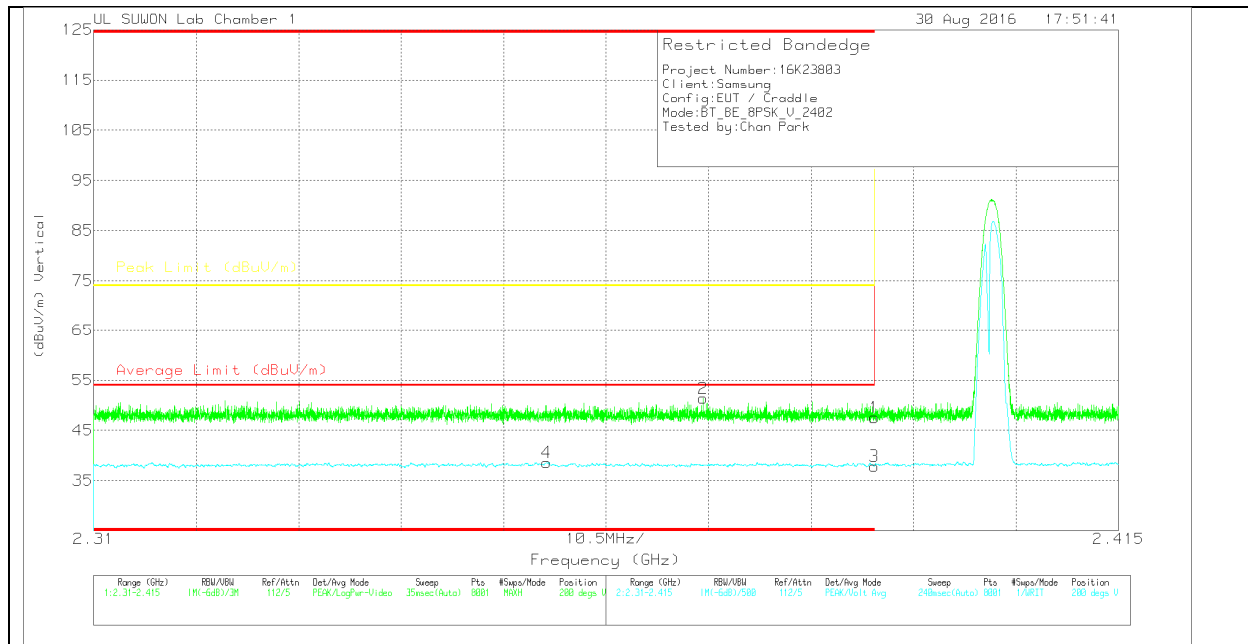
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	3117(0016 8717)_150 619	Path_2	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.39	45.07	Pk	31.8	-29	47.87	-	-	74	-26.13	41	150	H
2	* 2.345	49.74	Pk	31.7	-29	52.44	-	-	74	-21.56	41	150	H
3	* 2.39	35.68	VA1T	31.8	-29	38.48	54	-15.52	-	-	41	150	H
4	* 2.37	36.37	VA1T	31.8	-29	39.17	54	-14.83	-	-	41	150	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	44.76	Pk	31.8	-29	47.56	-	-	74	-26.44	200	200	V
2	* 2.372	48.56	Pk	31.8	-29	51.36	-	-	74	-22.64	200	200	V
3	* 2.39	35.06	VA1T	31.8	-29	37.86	54	-16.14	-	-	200	200	V
4	* 2.356	35.9	VA1T	31.7	-29	38.6	54	-15.4	-	-	200	200	V

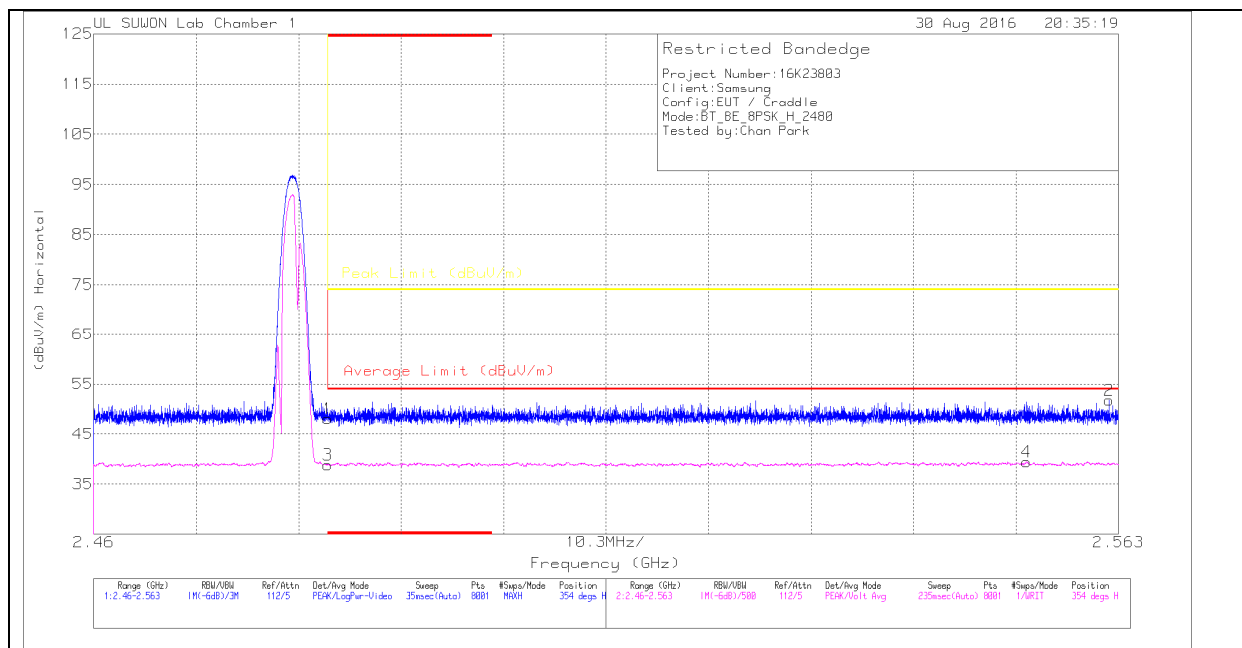
* - indicates frequency in CFR15.205/IC7.2.2 Restricted Band

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

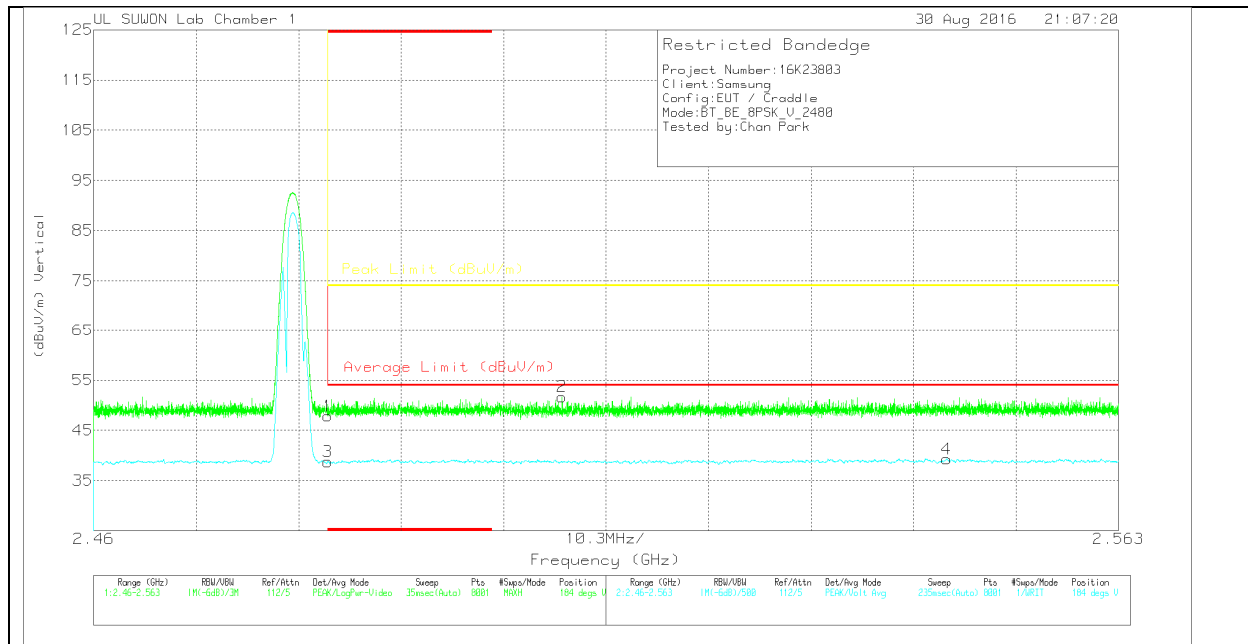
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	3117(0016 8717)_150 619	Path_2	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.484	45.01	Pk	32	-28.9	48.11	-	-	74	-25.89	354	154	H
2	2.562	48.55	Pk	32	-28.8	51.75	-	-	74	-22.25	354	154	H
3	* 2.484	35.75	VA1T	32	-28.9	38.85	54	-15.15	-	-	354	154	H
4	2.554	36.25	VA1T	32	-28.8	39.45	54	-14.55	-	-	354	154	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	* 2.484	44.72	Pk	32	-28.9	47.82	-	-	74	-26.18	184	198	V
2	2.507	48.6	Pk	32	-28.9	51.7	-	-	74	-22.3	184	198	V
3	* 2.484	35.66	VA1T	32	-28.9	38.76	54	-15.24	-	-	184	198	V
4	2.546	36.08	VA1T	32	-28.8	39.28	54	-14.72	-	-	184	198	V

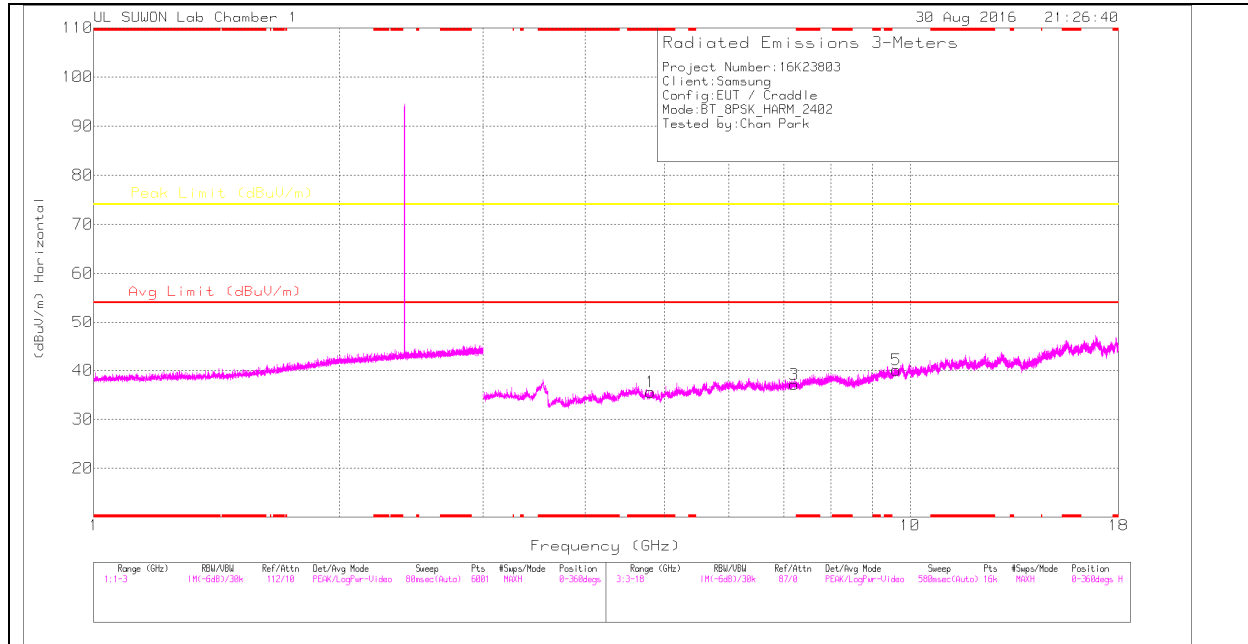
* - indicates frequency in CFR15.205/IC7.2.2 Restricted Band

Pk - Peak detector

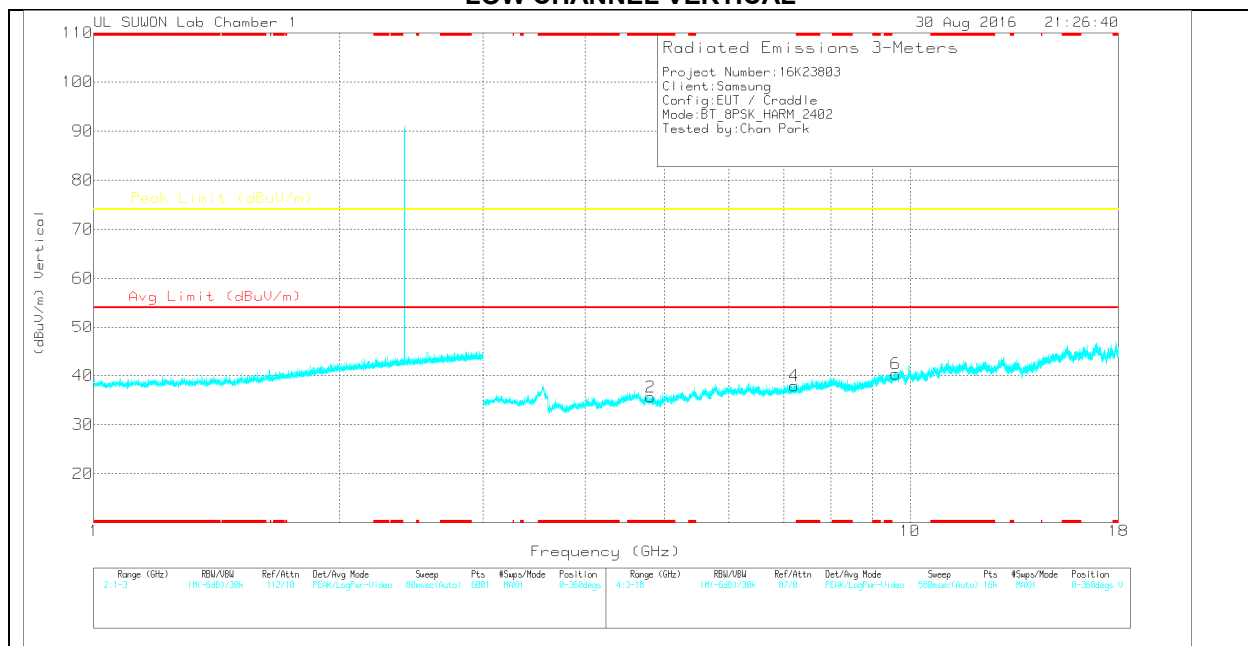
VA1T - FHSS: Linear Voltage Average VB=1/Ton where: Ton is transmit duration

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

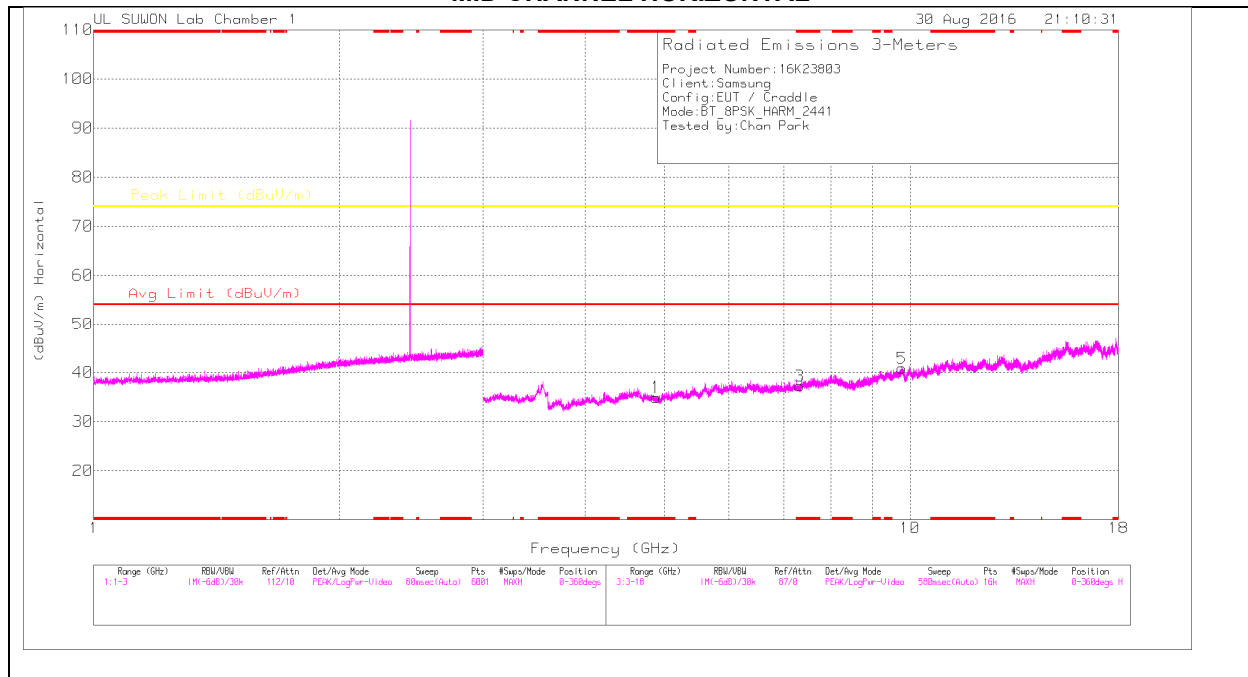
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	3117(0016 8717)_150 619	Path_3	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 4.806	35.37	PK	34	-33.8	35.57	-	-	74	-38.43	0-360	150	H
3	7.209	32.19	PK	35.7	-30.8	37.09	-	-	74	-36.91	0-360	250	H
5	9.613	30.27	PK	37	-27.2	40.07	-	-	74	-33.93	0-360	250	H
2	* 4.81	35.42	PK	34	-33.8	35.62	-	-	74	-38.38	0-360	150	V
4	7.208	33.02	PK	35.7	-30.8	37.92	-	-	74	-36.08	0-360	250	V
6	9.606	30.62	PK	37	-27.3	40.32	-	-	74	-33.68	0-360	150	V

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

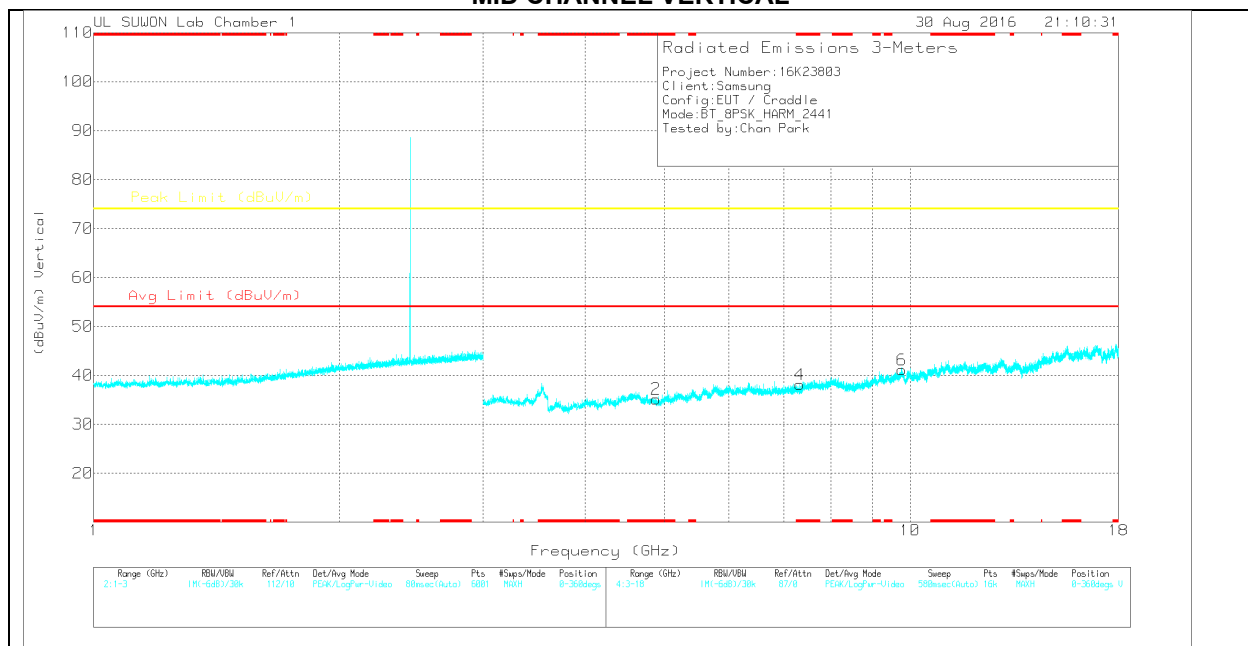
PK – Peak detector

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

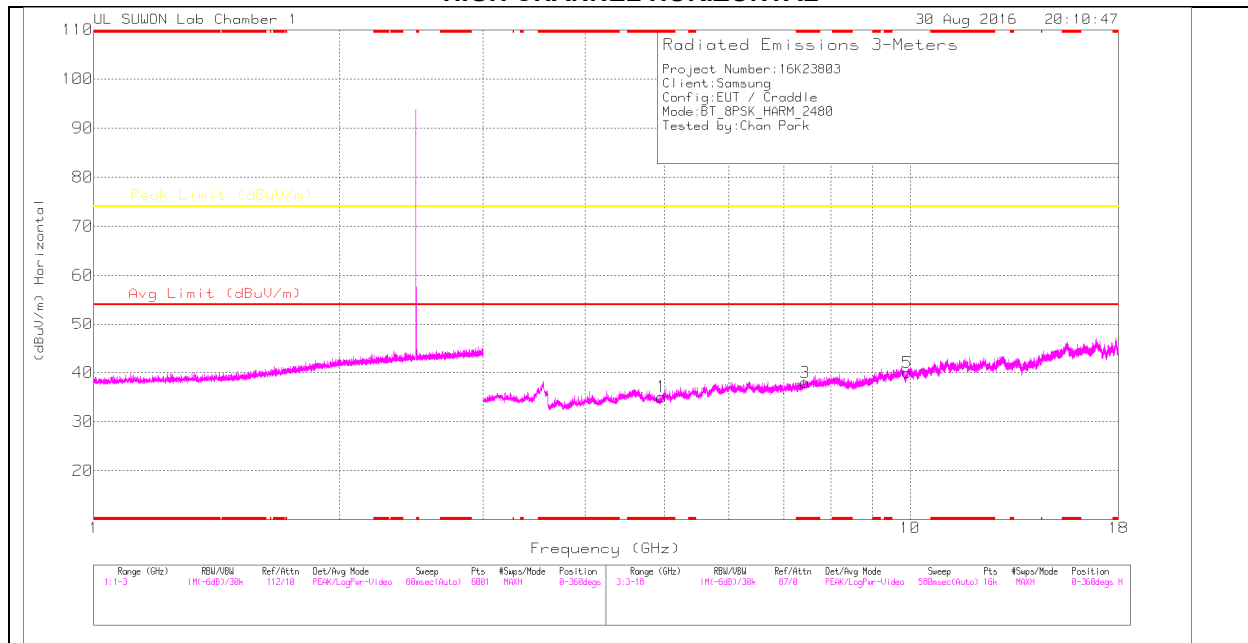
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	3117(0016 8717)_150 619	Path_3	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 4.882	34.92	PK	34	-34	34.92	-	-	74	-39.08	0-360	250	H
3	* 7.328	32.23	PK	35.8	-30.8	37.23	-	-	74	-36.77	0-360	150	H
5	9.767	30.18	PK	37.2	-26.5	40.88	-	-	74	-33.12	0-360	250	H
2	* 4.884	35.17	PK	34	-34	35.17	-	-	74	-38.83	0-360	150	V
4	* 7.326	33.13	PK	35.8	-30.8	38.13	-	-	74	-35.87	0-360	250	V
6	9.765	30.53	PK	37.2	-26.6	41.13	-	-	74	-32.87	0-360	250	V

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

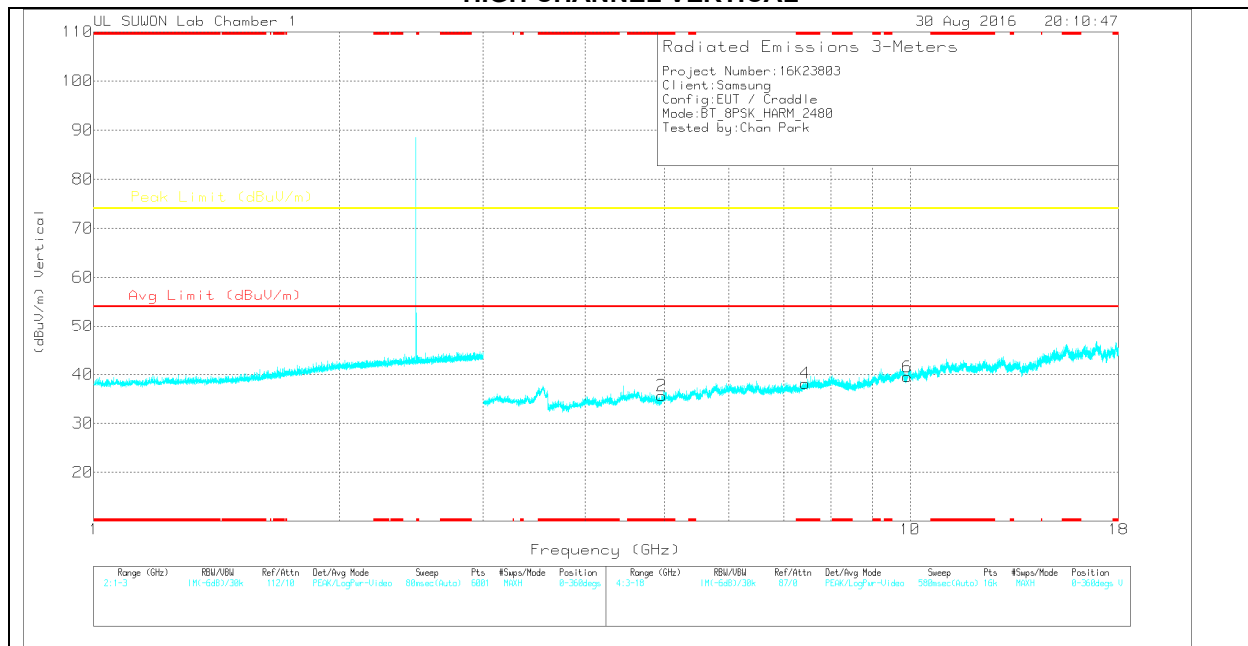
PK – Peak detector

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	* 4.96	35.04	PK	34	-34	35.04	-	-	74	-38.96	0-360	150	H
3	* 7.438	32.85	PK	35.8	-30.7	37.95	-	-	74	-36.05	0-360	250	H
5	9.919	29.76	PK	37.4	-27.2	39.96	-	-	74	-34.04	0-360	150	H
2	* 4.964	35.66	PK	34	-34	35.66	-	-	74	-38.34	0-360	250	V
4	* 7.44	33.09	PK	35.8	-30.7	38.19	-	-	74	-35.81	0-360	150	V
6	9.925	29.22	PK	37.4	-27.1	39.52	-	-	74	-34.48	0-360	250	V

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

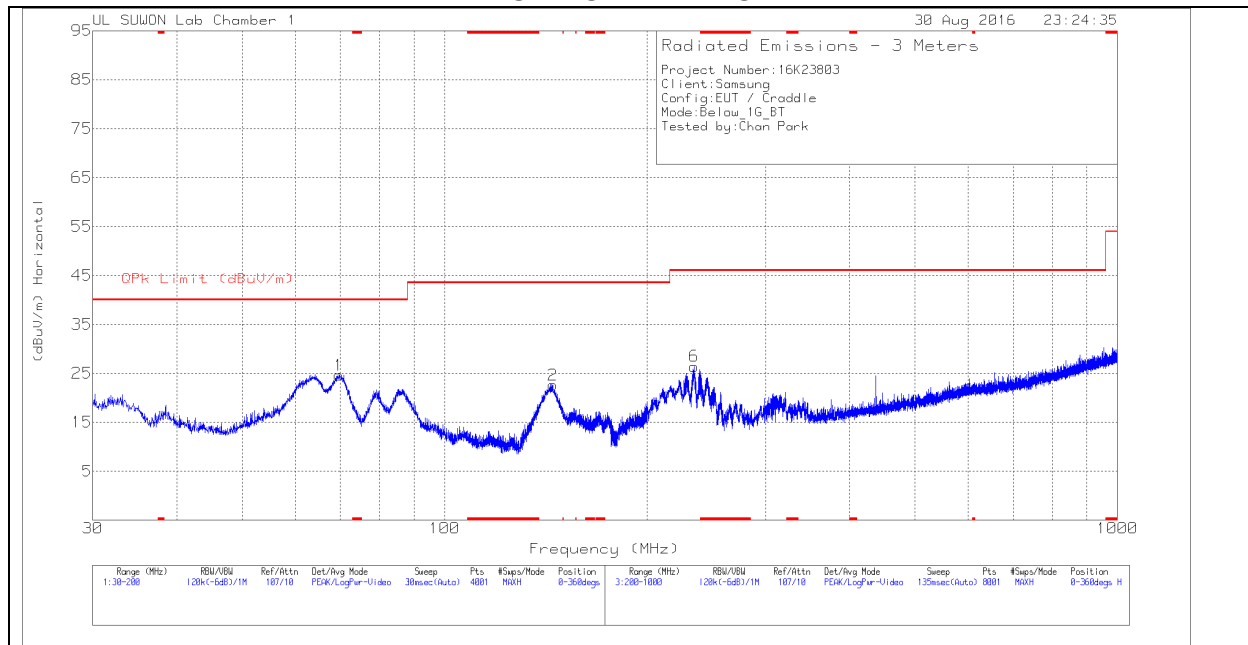
PK – Peak detector

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

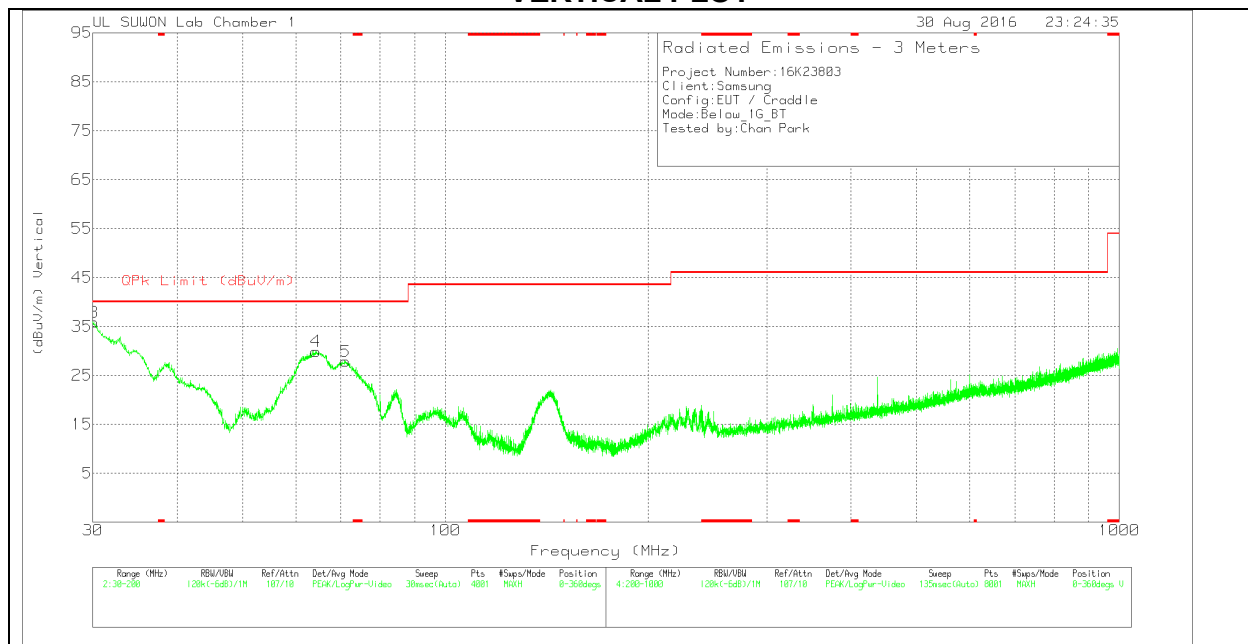
9.3. WORST-CASE BELOW 1 GHz

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	69.695	44.72	Pk	9.7	-29.8	24.62	40	-15.38	0-360	300	H
2	144.75	43.3	Pk	8	-28.7	22.6	43.52	-20.92	0-360	200	H
3	30.085	56.06	Pk	10.3	-30.5	35.86	40	-4.14	0-360	100	V
4	64.255	48.42	Pk	11.4	-29.9	29.92	40	-10.08	0-360	100	V
5	71.1825	48.25	Pk	9.3	-29.7	27.85	40	-12.15	0-360	100	V
6	234.8	42.33	Pk	12	-27.9	26.43	46.02	-19.59	0-360	100	H

Pk - Peak detector

Radiated Emissions

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
30.01958	52.67	Qp	10.3	-30.5	32.47	40	-7.53	209	100	V

Qp - Quasi-Peak detector

10. AC POWER LINE CONDUCTED EMISSIONS

LIMITS

FCC §15.207 (a)
IC RSS-GEN Clause 8.8

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.

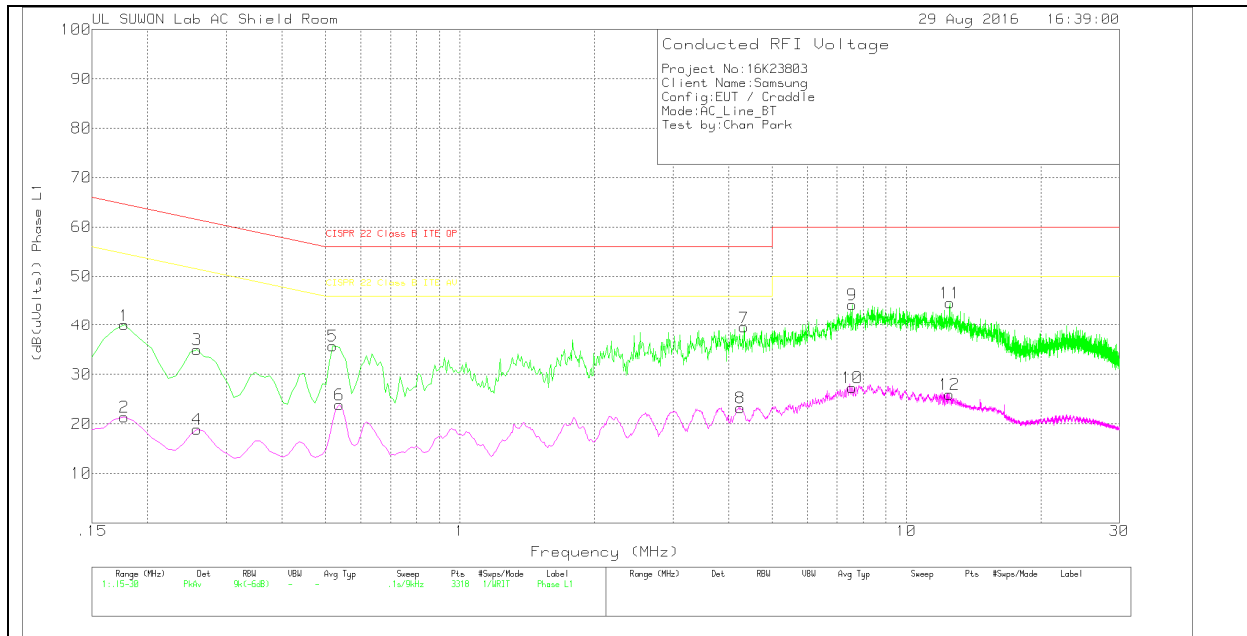
The receiver is set to a resolution bandwidth of 9 kHz. Peak detection is used unless otherwise noted as quasi-peak or average.

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

RESULTS

6 WORST EMISSIONS

LINE 1 PLOT



LINE 1 RESULTS

Trace Markers

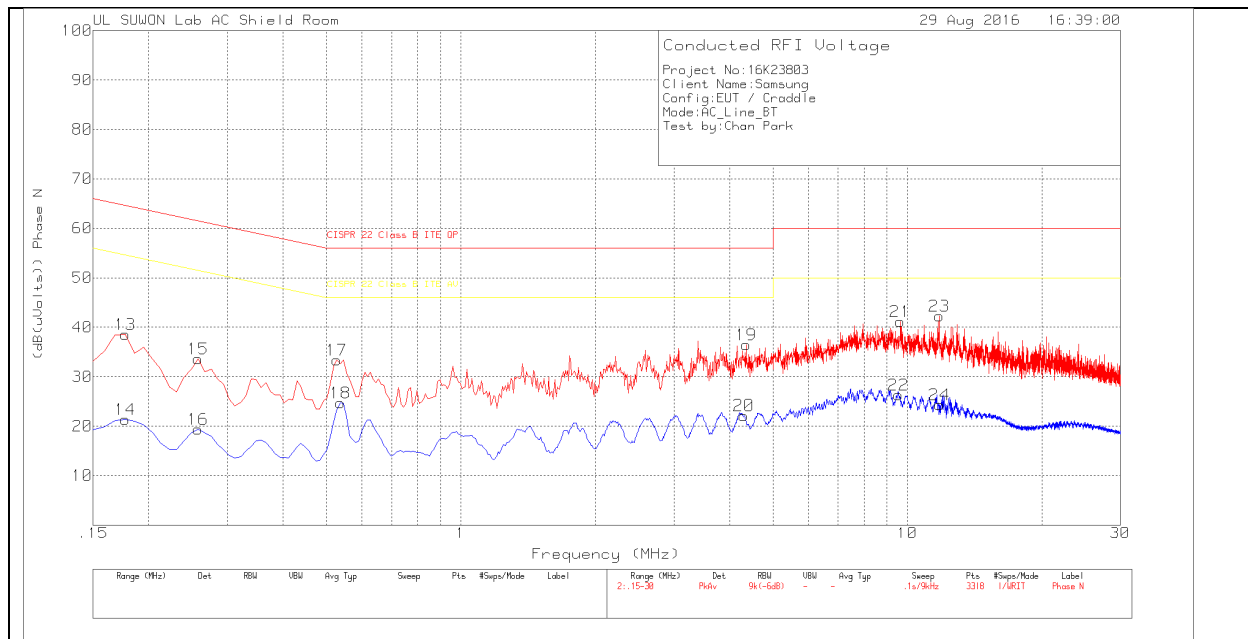
Phase L1 .15 - 30MHz

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	.177	29.82	Pk	10.2	0	40.02	64.63	-24.61	-	-
2	.177	11.15	Av	10.2	0	21.35	-	-	54.63	-33.28
3	.258	25.23	Pk	9.8	0	35.03	61.5	-26.47	-	-
4	.258	9.13	Av	9.8	0	18.93	-	-	51.5	-32.57
5	.519	25.55	Pk	10.2	0	35.75	56	-20.25	-	-
6	.537	13.73	Av	10.1	0	23.83	-	-	46	-22.17
7	4.335	29.61	Pk	9.8	.1	39.51	56	-16.49	-	-
8	4.254	13.28	Av	9.8	.1	23.18	-	-	46	-22.82
9	7.566	34.25	Pk	9.9	.1	44.25	60	-15.75	-	-
10	7.5525	17.32	Av	9.9	.1	27.32	-	-	50	-22.68
11	12.507	34.31	Pk	10.1	.2	44.61	60	-15.39	-	-
12	12.48	15.7	Av	10.1	.2	26	-	-	50	-24

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	.177	28.5	Pk	10.1	0	38.6	64.63	-26.03	-	-
14	.177	11.28	Av	10.1	0	21.38	-	-	54.63	-33.25
15	.258	23.95	Pk	9.7	0	33.65	61.5	-27.85	-	-
16	.258	9.74	Av	9.7	0	19.44	-	-	51.5	-32.06
17	.528	23.3	Pk	10.1	0	33.4	56	-22.6	-	-
18	.537	14.66	Av	10.1	0	24.76	-	-	46	-21.24
19	4.353	26.58	Pk	9.8	.1	36.48	56	-19.52	-	-
20	4.299	12.27	Av	9.8	.1	22.17	-	-	46	-23.83
21	9.654	31.01	Pk	10	.2	41.21	60	-18.79	-	-
22	9.564	16.17	Av	10	.2	26.37	-	-	50	-23.63
23	11.805	31.82	Pk	10.2	.2	42.22	60	-17.78	-	-
24	11.814	13.98	Av	10.2	.2	24.38	-	-	50	-25.62

Pk - Peak detector

Av - Average detection