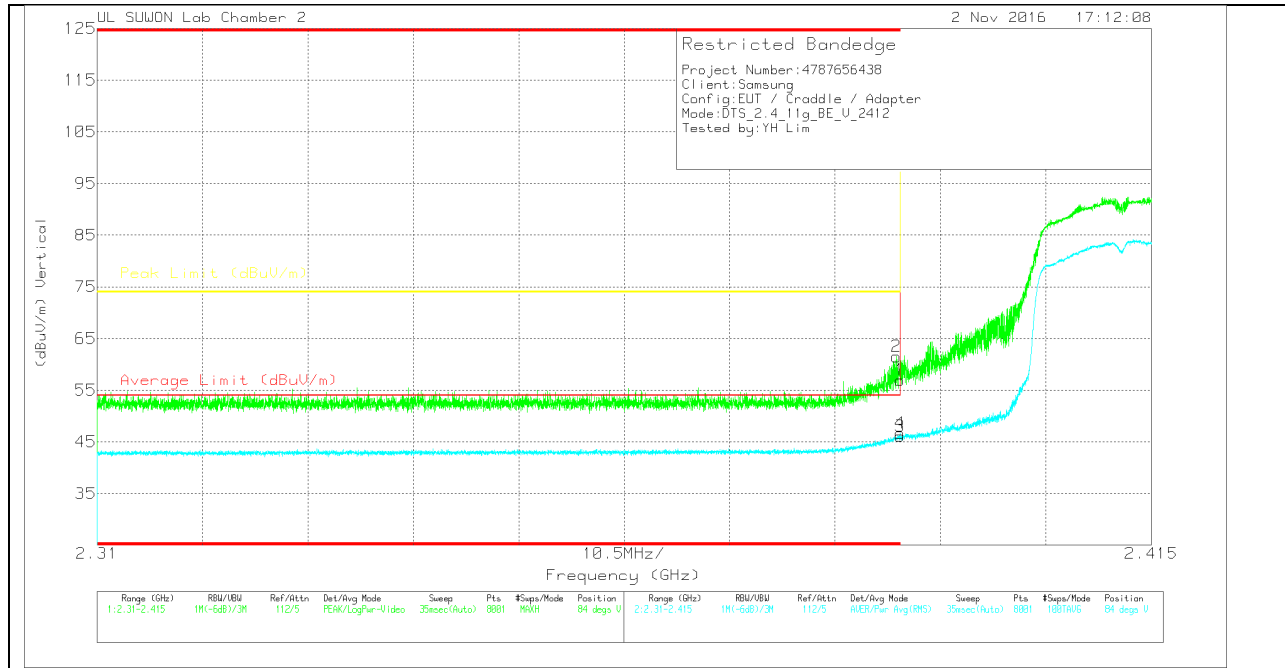


VERTICAL PEAK AND AVERAGE PLOT



VERTICAL DATA

Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	3117(001687 24)_150619	Path_2_10dB	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.39	44.79	Pk	31.7	-19.5	0	56.99	-	-	74	-17.01	84	107	V
2	* 2.39	49.31	Pk	31.7	-19.5	0	61.51	-	-	74	-12.49	84	107	V
3	* 2.39	33.58	RMS	31.7	-19.5	.32	46.1	54	-7.9	-	-	84	107	V
4	* 2.39	34.15	RMS	31.7	-19.5	.32	46.67	54	-7.33	-	-	84	107	V

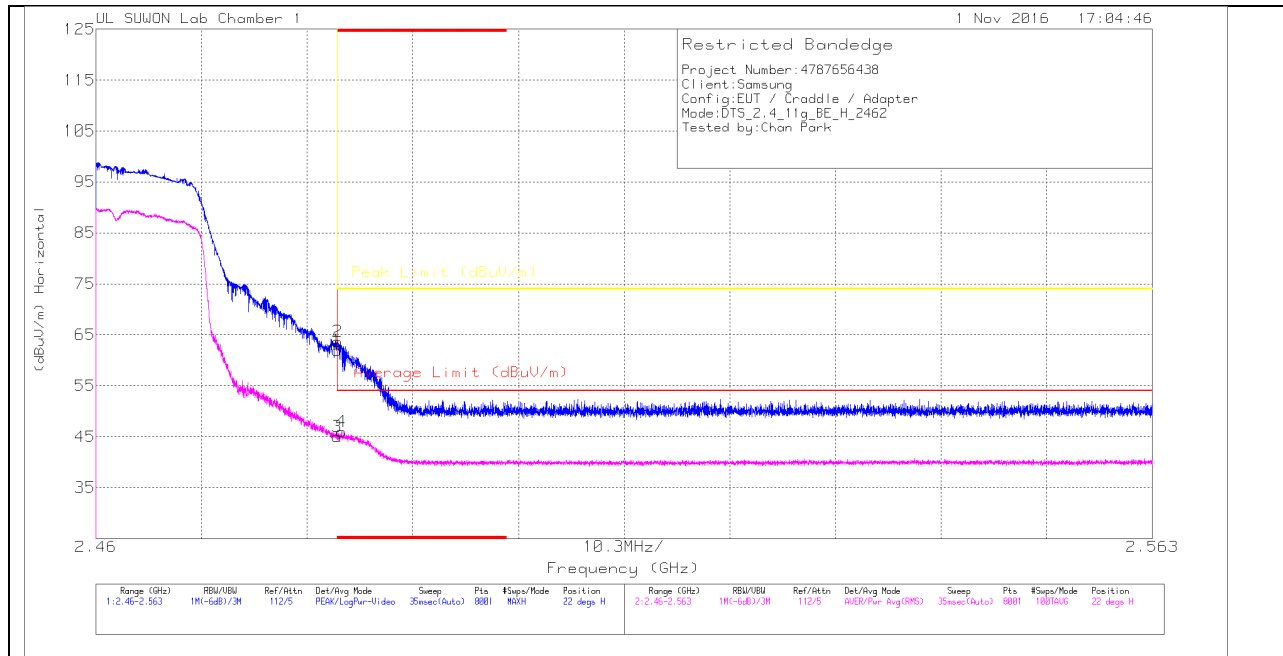
* - indicates frequency in CFR15.205/IC7.2.2 Restricted Band

Pk - Peak detector

RMS - RMS detection

AUTHORIZED BANDEDGE (HIGH CHANNEL)

HORIZONTAL PEAK AND AVERAGE PLOT



HORIZONTAL DATA

Trace Markers

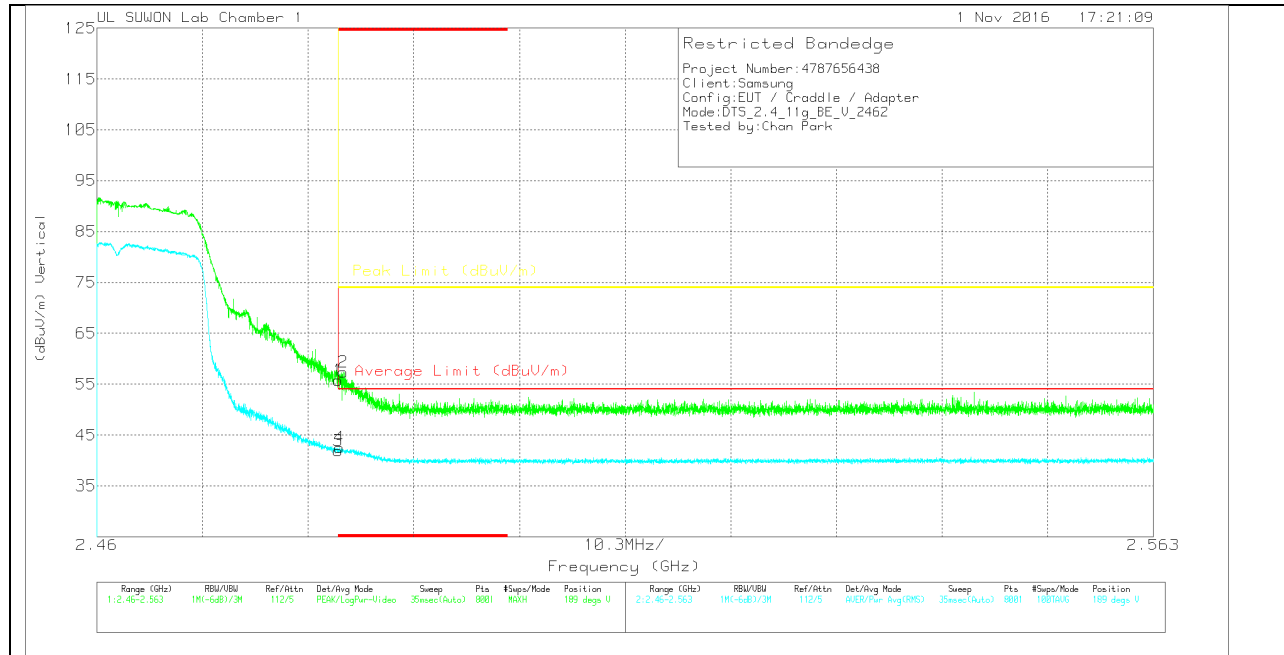
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	3117/001687 171_150619	10dB[dB]	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.484	58.3	Pk	32	-28.3	0	62	-	-	74	-12	22	101	H
2	* 2.484	59.96	Pk	32	-28.3	0	63.66	-	-	74	-10.34	22	101	H
3	* 2.484	41.01	RMS	32	-28.3	.32	45.03	54	-8.97	-	-	22	101	H
4	* 2.484	41.95	RMS	32	-28.3	.32	45.97	54	-8.03	-	-	22	101	H

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

Pk - Peak detector

RMS - RMS detection

VERTICAL PEAK AND AVERAGE PLOT



VERTICAL DATA

Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	3117(00168 717)_15061 9	10dB[dB]	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	52.02	Pk	32	-28.3	0	55.72	-	-	74	-18.28	189	299	V
2	* 2.484	53.67	Pk	32	-28.3	0	57.37	-	-	74	-16.63	189	299	V
3	* 2.484	37.87	RMS	32	-28.3	.32	41.89	54	-12.11	-	-	189	299	V
4	* 2.484	38.54	RMS	32	-28.3	.32	42.56	54	-11.44	-	-	189	299	V

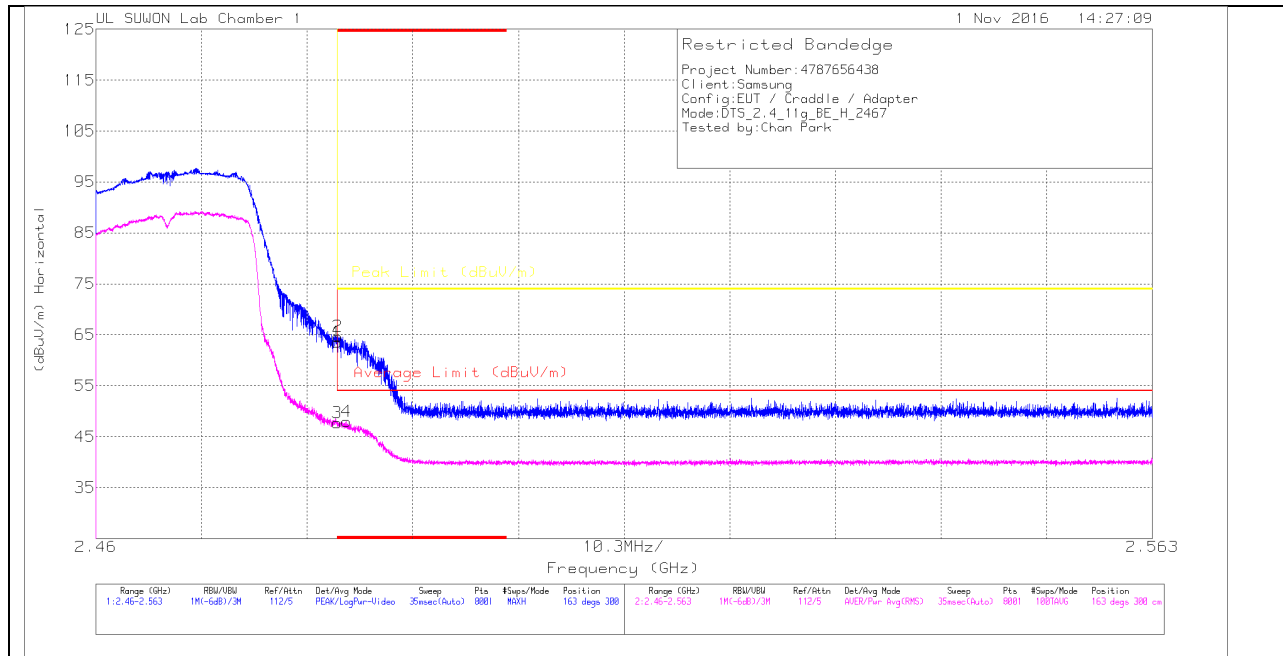
* - indicates frequency in CFR15.205/IC7.2.2 Restricted Band

Pk - Peak detector

RMS - RMS detection

AUTHORIZED BANDEDGE (12 CHANNEL)

HORIZONTAL PEAK AND AVERAGE PLOT



HORIZONTAL DATA

Trace Markers

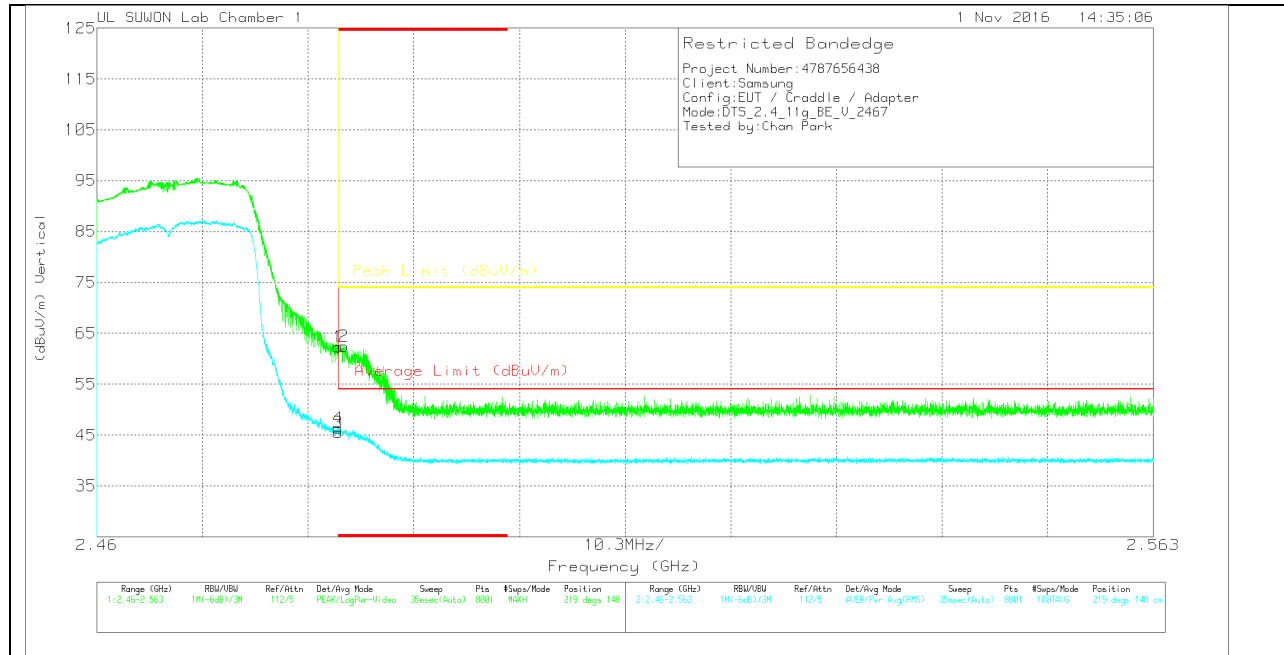
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	3117/001687 171_150619	10dB(dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.484	59.88	Pk	32	-28.3	0	63.58	-	-	74	-10.42	163	300	H
2	* 2.484	61.02	Pk	32	-28.3	0	64.72	-	-	74	-9.28	163	300	H
3	* 2.484	43.69	RMS	32	-28.3	.32	47.71	54	-6.29	-	-	163	300	H
4	* 2.484	43.93	RMS	32	-28.3	.32	47.95	54	-6.05	-	-	163	300	H

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

Pk - Peak detector

RMS - RMS detection

VERTICAL PEAK AND AVERAGE PLOT



VERTICAL DATA

Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	3117/001687 17_150619	10dB[dB]	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	58.64	Pk	32	-28.3	0	62.34	-	-	74	-11.66	219	148	V
2	* 2.484	58.8	Pk	32	-28.3	0	62.5	-	-	74	-11.5	219	148	V
3	* 2.484	41.47	RMS	32	-28.3	.32	45.49	54	-8.51	-	-	219	148	V
4	* 2.484	42.3	RMS	32	-28.3	.32	46.32	54	-7.68	-	-	219	148	V

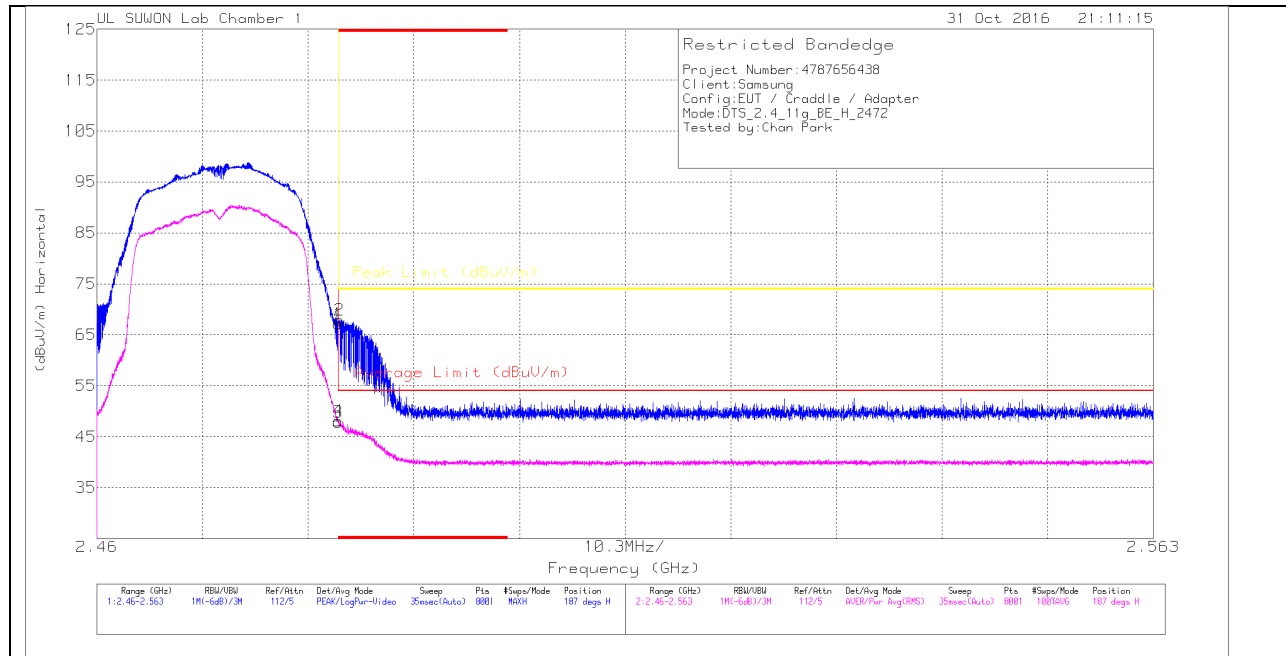
* - indicates frequency in CFR15.205/IC7.2.2 Restricted Band

Pk - Peak detector

RMS - RMS detection

AUTHORIZED BANDEDGE (13 CHANNEL)

HORIZONTAL PEAK AND AVERAGE PLOT



HORIZONTAL DATA

Trace Markers

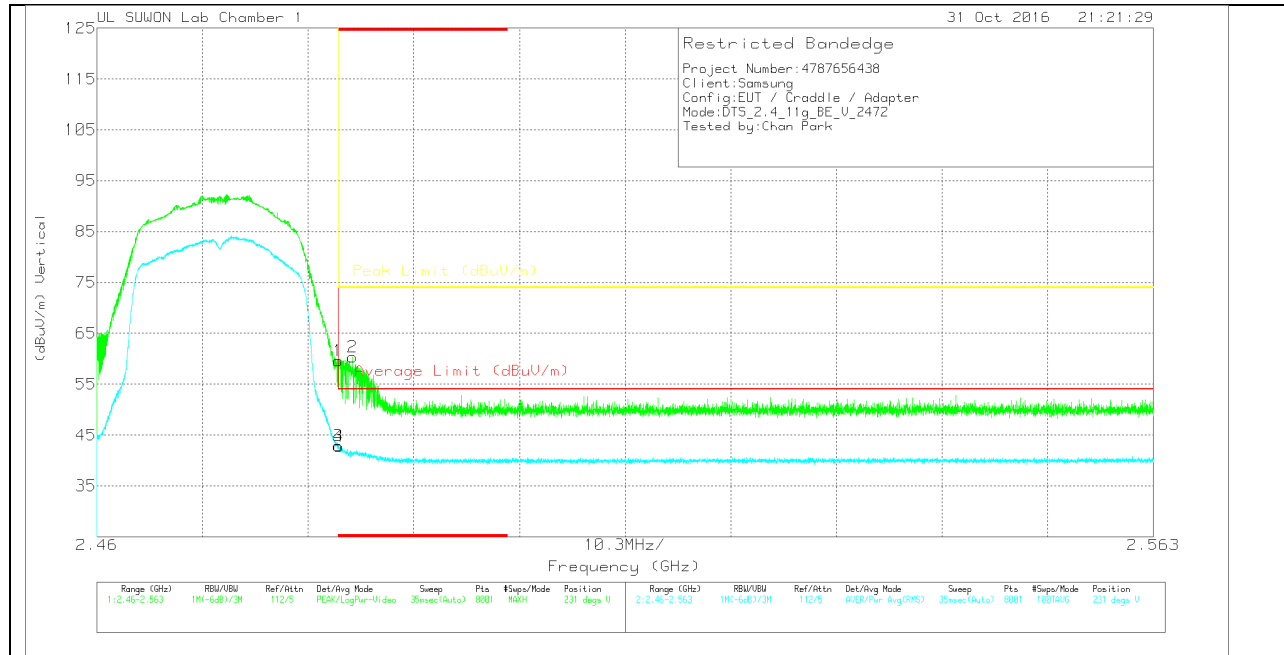
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	3117/001687 171_150619	10dB[dB]	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.484	63.47	Pk	32	-28.3	0	67.17	-	-	74	-6.83	187	132	H
2	* 2.484	64.22	Pk	32	-28.3	0	67.92	-	-	74	-6.08	187	132	H
3	* 2.484	43.82	RMS	32	-28.3	.32	47.84	54	-6.16	-	-	187	132	H
4	* 2.484	44.09	RMS	32	-28.3	.32	48.11	54	-5.89	-	-	187	132	H

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

Pk - Peak detector

RMS - RMS detection

VERTICAL PEAK AND AVERAGE PLOT



VERTICAL DATA

Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	3117(00168 717)_15061 9	10dB[dB]	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	55.87	Pk	32	-28.3	0	59.57	-	-	74	-14.43	231	100	V
2	* 2.485	56.66	Pk	32	-28.3	0	60.36	-	-	74	-13.64	231	100	V
3	* 2.484	38.89	RMS	32	-28.3	.32	42.91	54	-11.09	-	-	231	100	V
4	* 2.484	38.8	RMS	32	-28.3	.32	42.82	54	-11.18	-	-	231	100	V

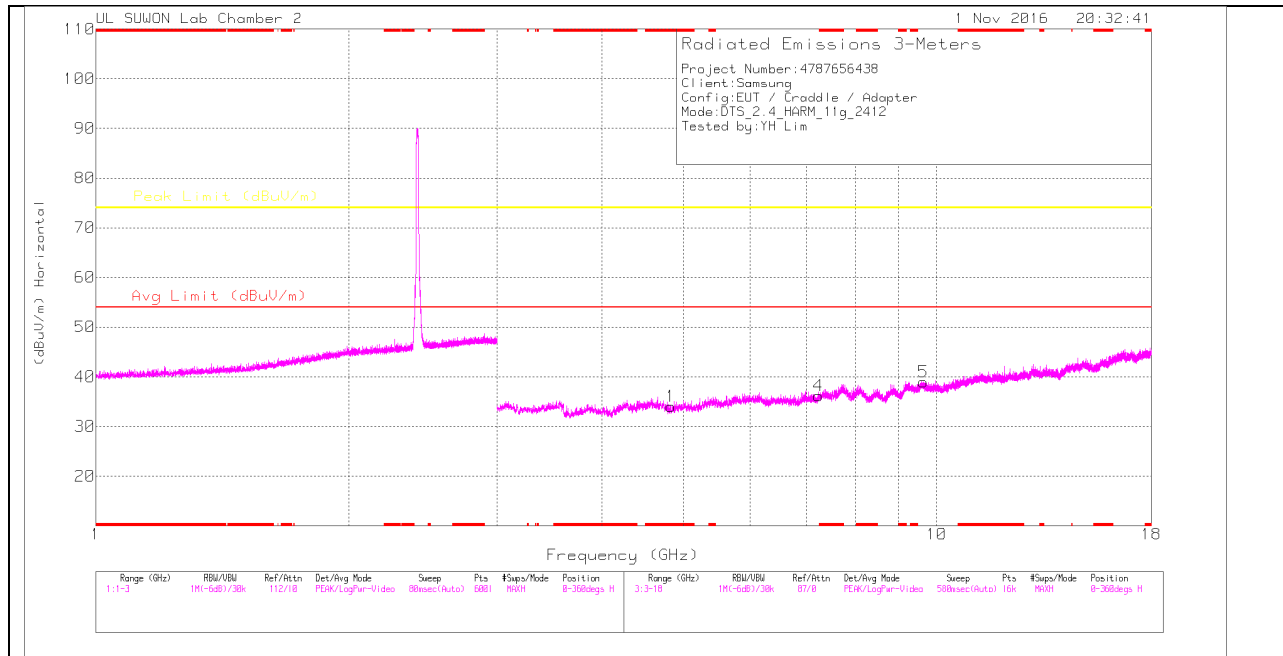
* - indicates frequency in CFR15.205/IC7.2.2 Restricted Band

Pk - Peak detector

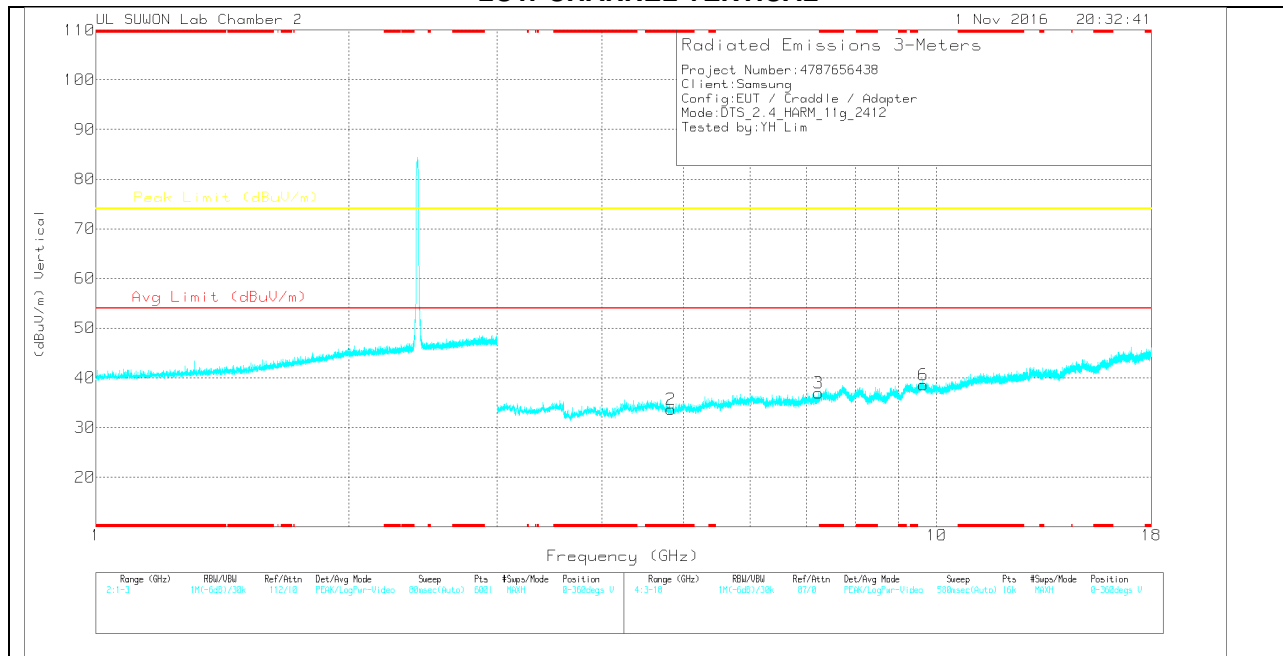
RMS - RMS detection

HARMONICS AND SPURIOUS EMISSIONS

LOW CHANNEL HORIZONTAL



LOW CHANNEL VERTICAL



Note: Emission was scanned up to 26GHz; No emissions were detected above the noise floor which was at least 20dB below the specification limit.

LOW CHANNEL DATA

Trace Markers

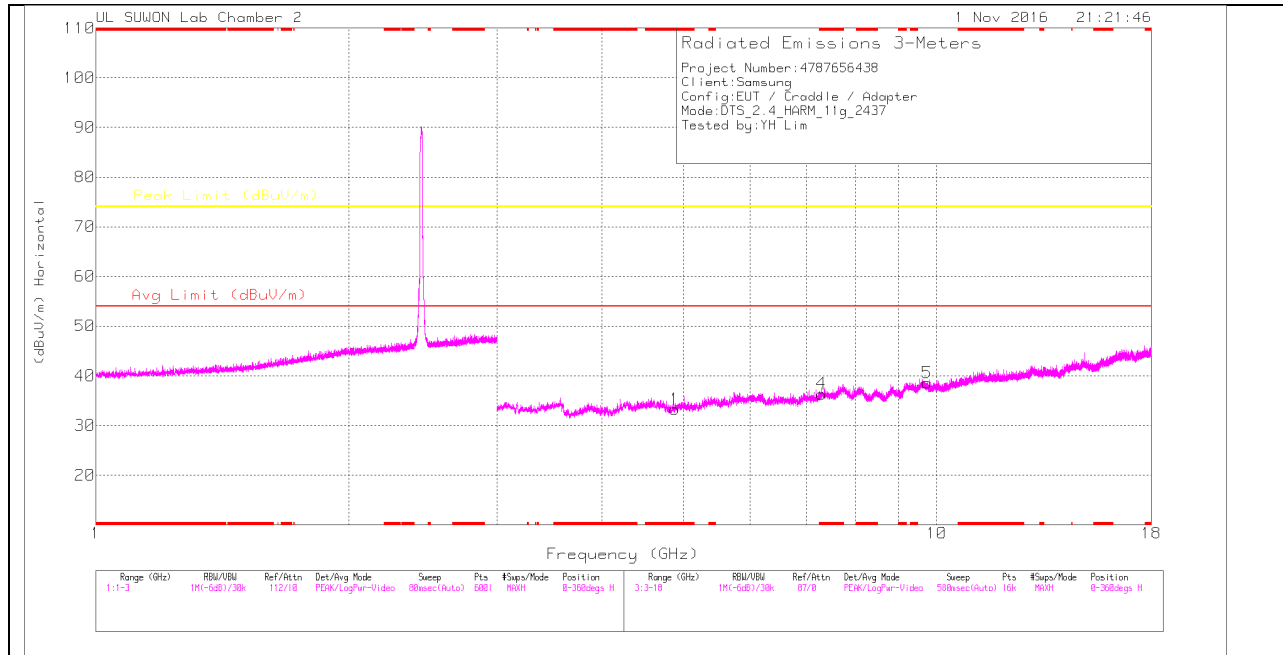
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	3117(0016872 4)_150619	Path_3	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 4.827	25.43	Pk	33.9	-25.3	0	34.03	-	-	74	-39.97	0-360	250	H
4	7.232	23.41	Pk	35.8	-23	0	36.21	-	-	74	-37.79	0-360	250	H
5	9.647	21.06	Pk	36.9	-19	0	38.96	-	-	74	-35.04	0-360	150	H
2	* 4.828	25.05	Pk	33.9	-25.3	0	33.65	-	-	74	-40.35	0-360	150	V
3	7.231	24.19	Pk	35.8	-23	0	36.99	-	-	74	-37.01	0-360	150	V
6	9.646	20.71	Pk	36.9	-19	0	38.61	-	-	74	-35.39	0-360	150	V

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

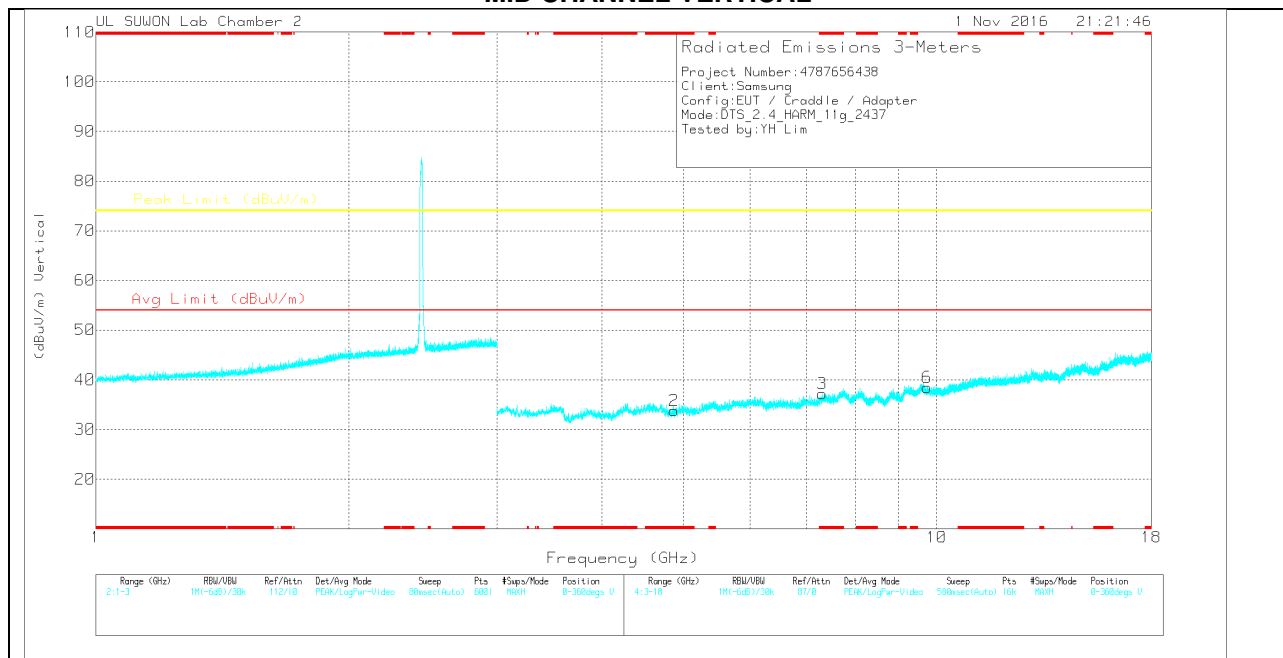
Pk – Peak detector

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

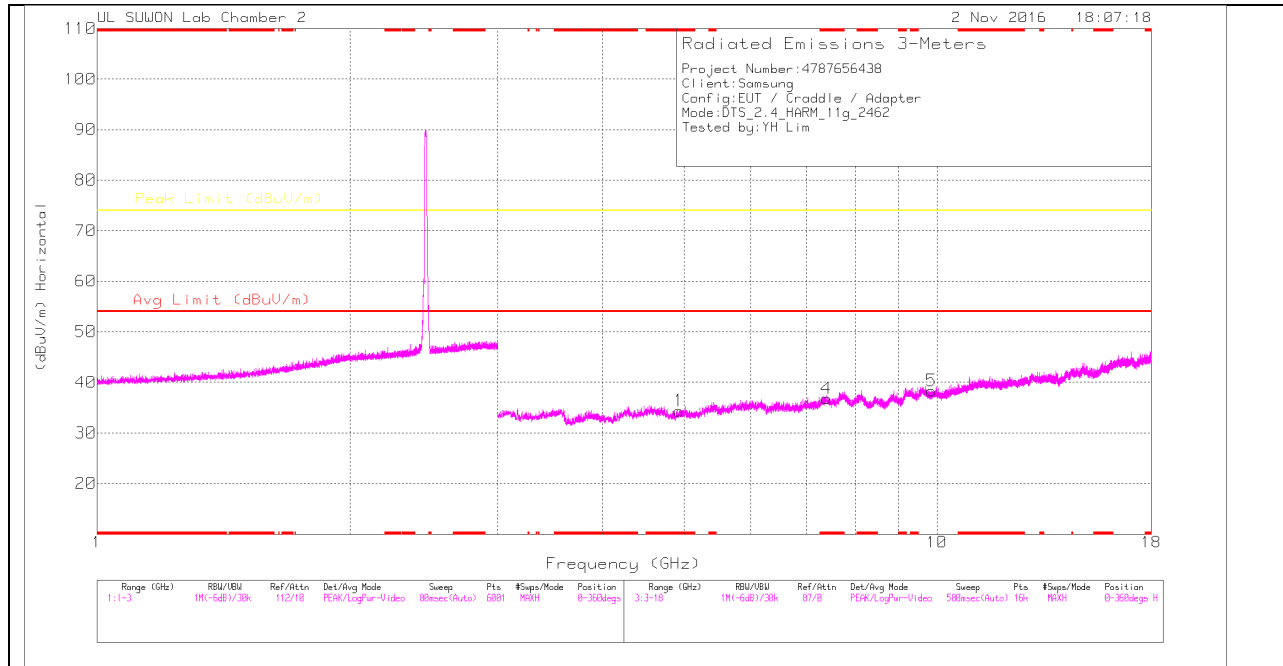
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	3117(0016872 4)_150619	Path_3	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 4.877	24.63	Pk	33.9	-25.2	0	33.33	-	-	74	-40.67	0-360	150	H
4	* 7.298	23.18	Pk	35.9	-22.7	0	36.38	-	-	74	-37.62	0-360	150	H
5	9.737	20.92	Pk	37	-19.3	0	38.62	-	-	74	-35.38	0-360	250	H
2	* 4.875	25.05	Pk	33.9	-25.2	0	33.75	-	-	74	-40.25	0-360	250	V
3	* 7.304	23.99	Pk	35.9	-22.7	0	37.19	-	-	74	-36.81	0-360	250	V
6	9.74	20.78	Pk	37	-19.3	0	38.48	-	-	74	-35.52	0-360	250	V

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

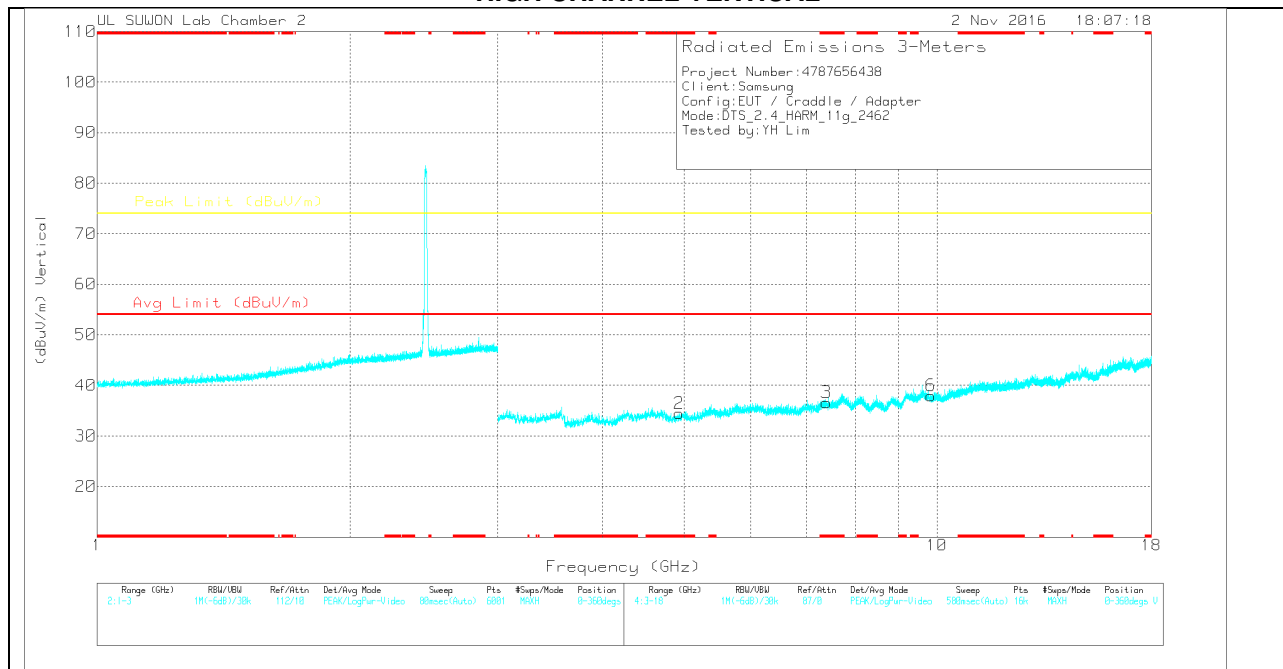
Pk – Peak detector

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

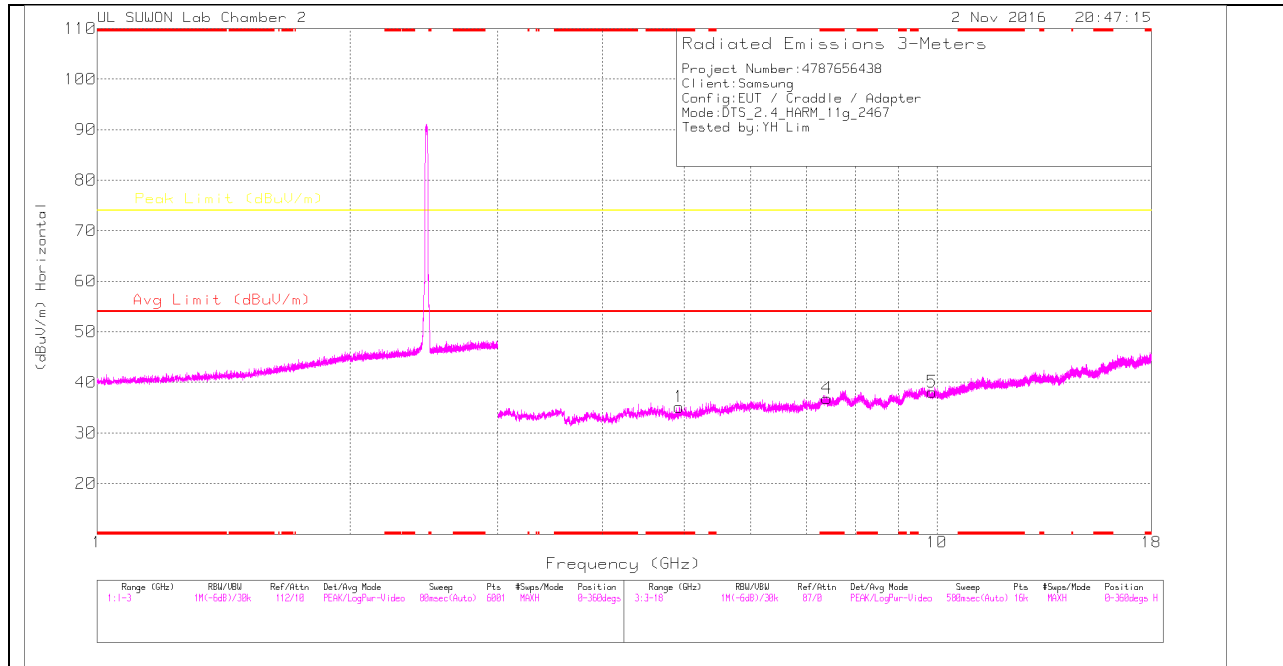
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	3117(0016872 4)_150619	Path_3	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 4.93	25.56	Pk	33.9	-25.1	0	34.36	-	-	74	-39.64	0-360	250	H
4	* 7.386	23.09	Pk	35.9	-22.2	0	36.79	-	-	74	-37.21	0-360	150	H
5	9.847	20.43	Pk	37.1	-19.2	0	38.33	-	-	74	-35.67	0-360	250	H
2	* 4.933	25.66	Pk	33.9	-25.1	0	34.46	-	-	74	-39.54	0-360	150	V
3	* 7.384	22.9	Pk	35.9	-22.2	0	36.6	-	-	74	-37.4	0-360	250	V
6	9.841	20.08	Pk	37.1	-19.2	0	37.98	-	-	74	-36.02	0-360	150	V

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

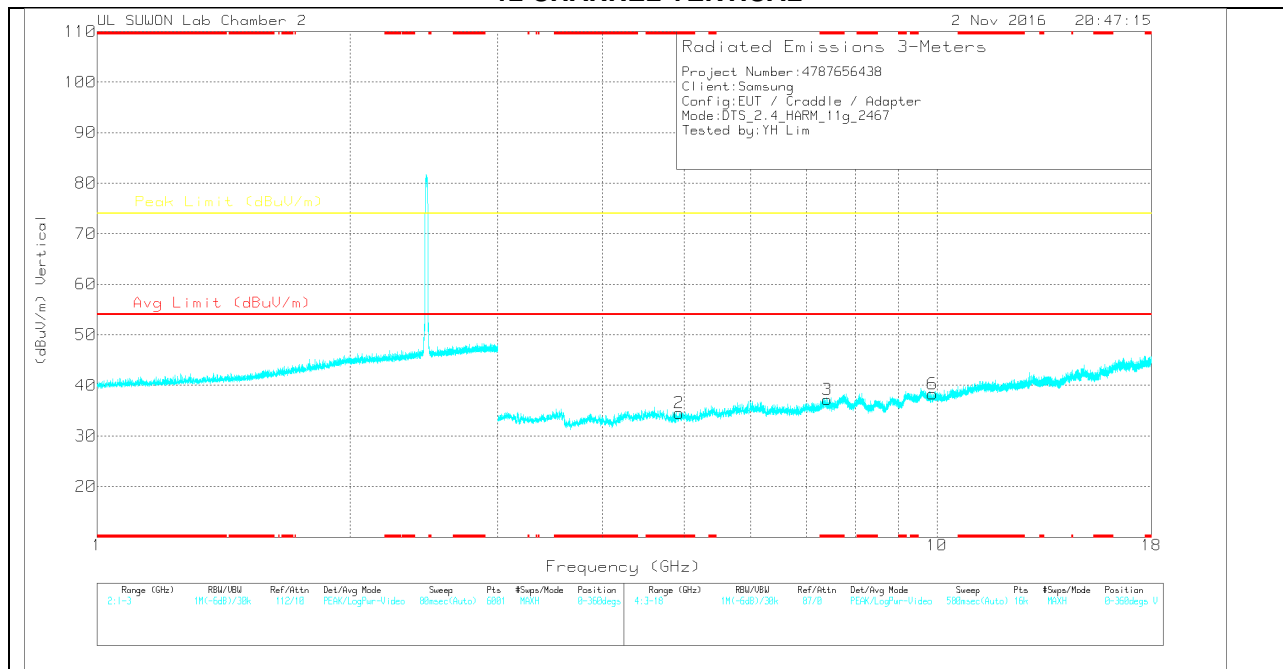
Pk – Peak detector

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

12 CHANNEL HORIZONTAL



12 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.

12 CHANNEL DATA

Trace Markers

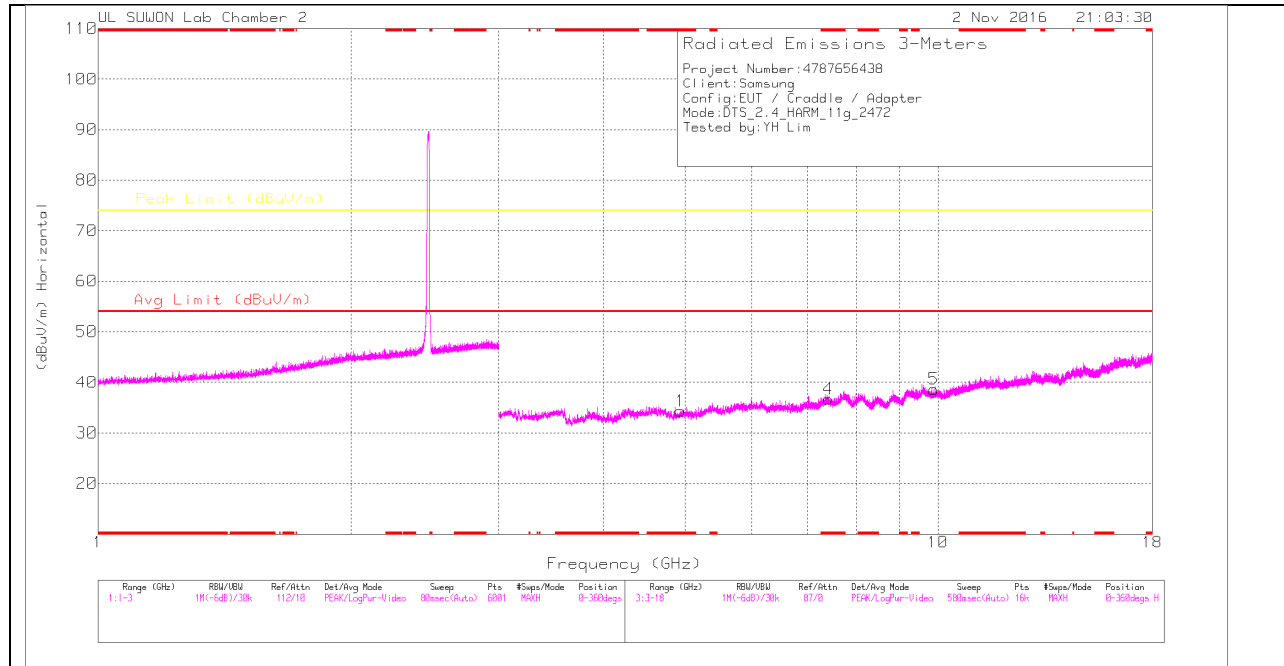
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	3117(0016872 4)_150619	Path_3	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 4.929	26.34	Pk	33.9	-25.1	0	35.14	-	-	74	-38.86	0-360	150	H
4	* 7.398	22.96	Pk	36	-22.1	0	36.86	-	-	74	-37.14	0-360	250	H
5	9.864	20.2	Pk	37.1	-19.2	0	38.1	-	-	74	-35.9	0-360	150	H
2	* 4.929	25.72	Pk	33.9	-25.1	0	34.52	-	-	74	-39.48	0-360	150	V
3	* 7.4	23.28	Pk	36	-22.1	0	37.18	-	-	74	-36.82	0-360	250	V
6	9.878	20.37	Pk	37.1	-19.2	0	38.27	-	-	74	-35.73	0-360	250	V

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

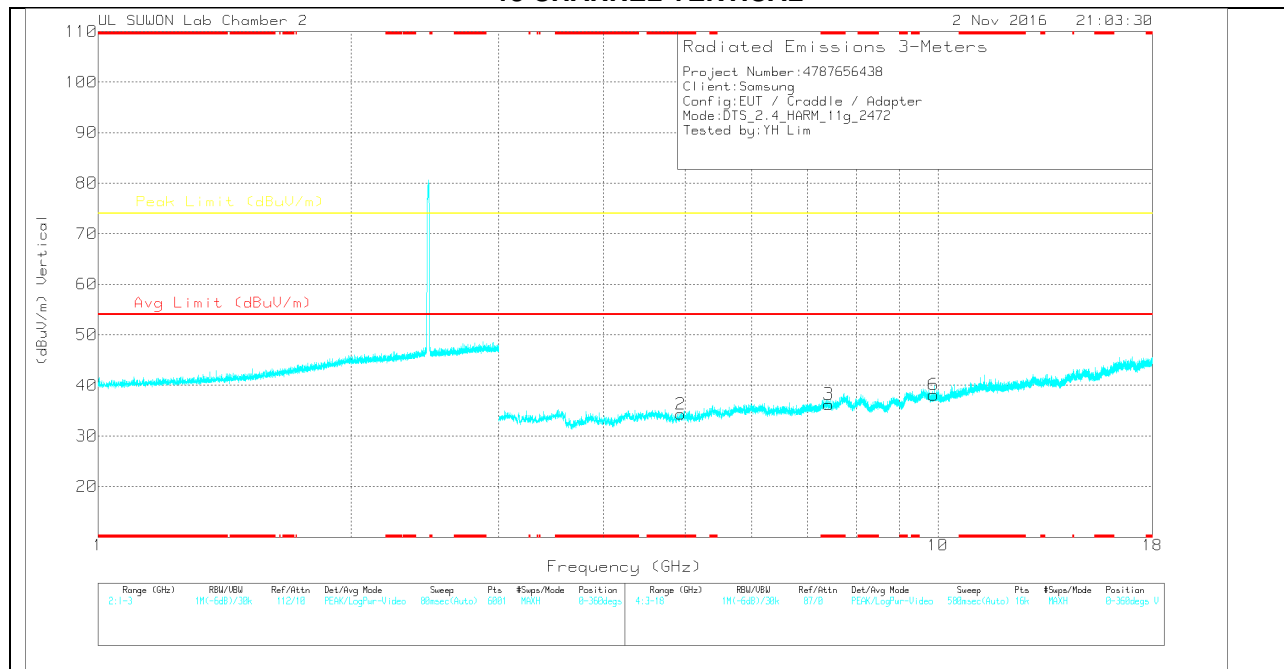
Pk – Peak detector

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

13 CHANNEL HORIZONTAL



13 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.

13 CHANNEL DATA

Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	3117(0016872 4)_150619	Path_3	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 4.937	25.51	Pk	33.9	-25.1	0	34.31	-	-	74	-39.69	0-360	150	H
4	* 7.408	22.77	Pk	36	-22.1	0	36.67	-	-	74	-37.33	0-360	150	H
5	9.891	20.72	Pk	37.1	-19.2	0	38.62	-	-	74	-35.38	0-360	250	H
2	* 4.94	25.53	Pk	33.9	-25.1	0	34.33	-	-	74	-39.67	0-360	250	V
3	* 7.41	22.34	Pk	36	-22.1	0	36.24	-	-	74	-37.76	0-360	250	V
6	9.88	20.23	Pk	37.1	-19.2	0	38.13	-	-	74	-35.87	0-360	250	V

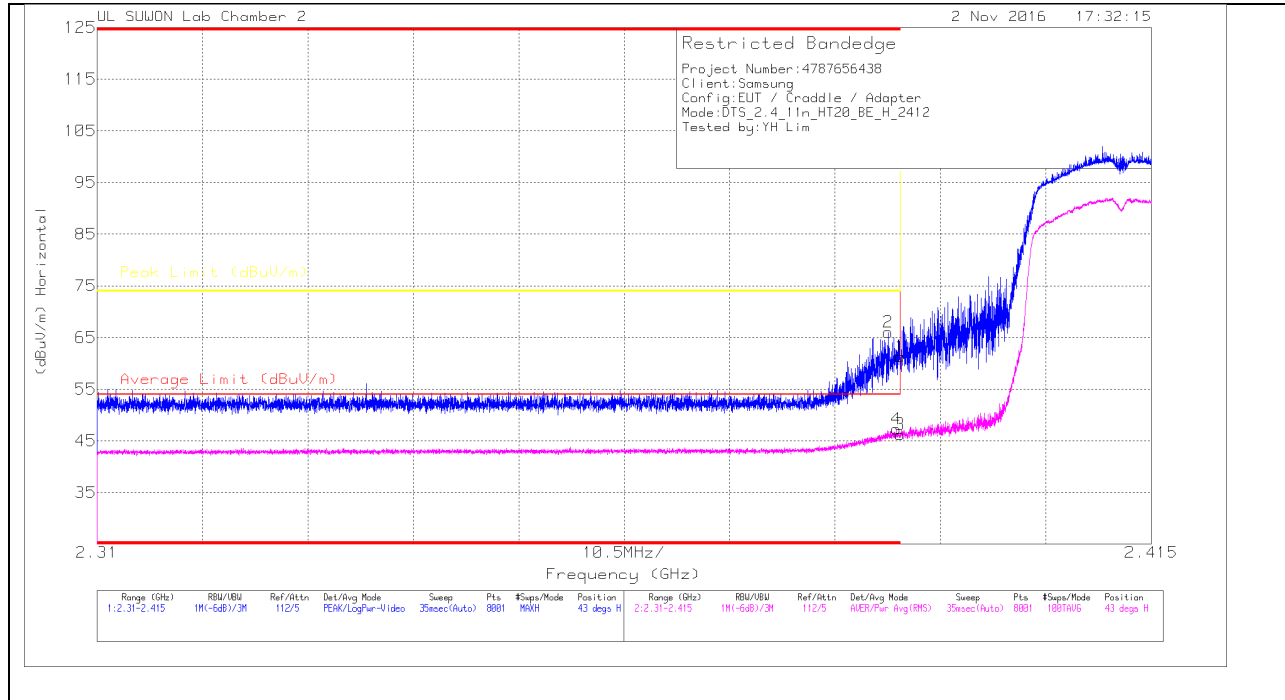
* - indicates frequency in CFR15.205/IC7.2.2 Restricted Band

Pk – Peak detector

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

11.2.3. TX ABOVE 1 GHz 802.11n HT20 MODE IN THE 2.4 GHz BAND RESTRICTED BANDEDGE (LOW CHANNEL)

HORIZONTAL PEAK AND AVERAGE PLOT



HORIZONTAL DATA

Trace Markers

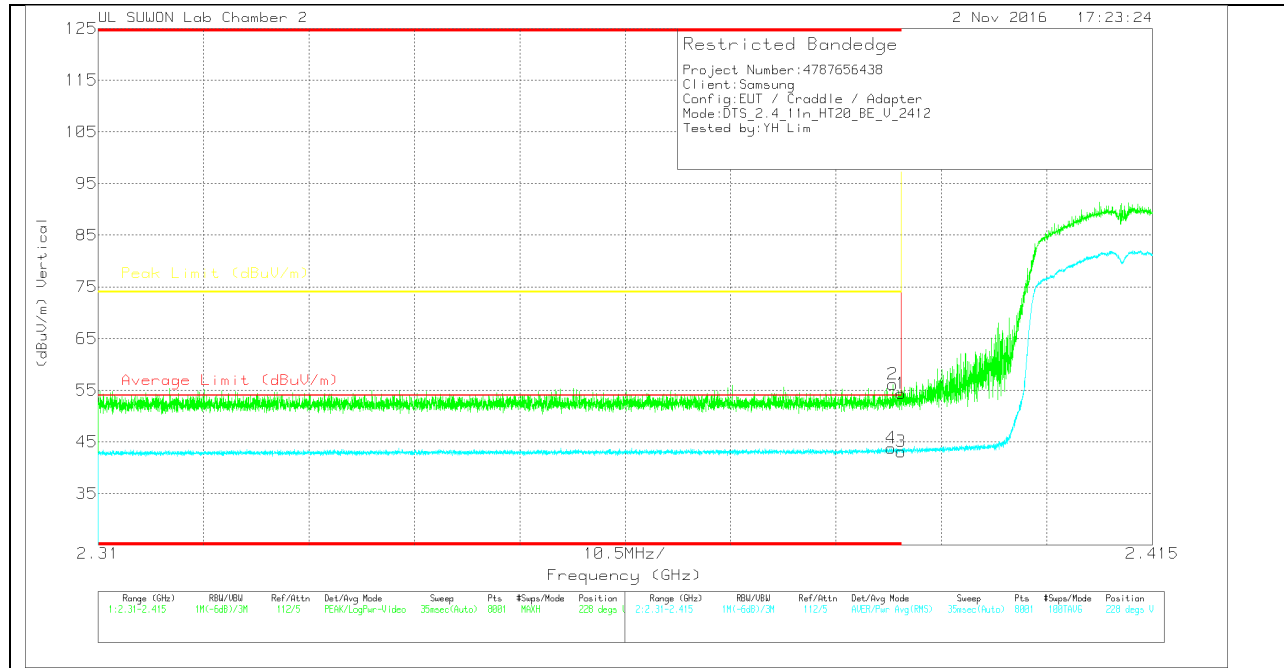
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	3117(001687 24)_150619	Path_2_10dB	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.39	49.14	Pk	31.7	-19.5	0	61.34	-	-	74	-12.66	43	164	H
2	* 2.389	53.81	Pk	31.7	-19.5	0	66.01	-	-	74	-7.99	43	164	H
3	* 2.39	33.7	RMS	31.7	-19.5	.34	46.24	54	-7.76	-	-	43	164	H
4	* 2.39	34.78	RMS	31.7	-19.5	.34	47.32	54	-6.68	-	-	43	164	H

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

Pk - Peak detector

RMS - RMS detection

VERTICAL PEAK AND AVERAGE PLOT



VERTICAL DATA

Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	3117(001687 24)_150619	Path_2_10dB	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.39	42.16	Pk	31.7	-19.5	0	54.36	-	-	74	-19.64	228	396	V
2	* 2.389	43.95	Pk	31.7	-19.5	0	56.15	-	-	74	-17.85	228	396	V
3	* 2.39	30.59	RMS	31.7	-19.5	.34	43.13	54	-10.87	-	-	228	396	V
4	* 2.389	31.27	RMS	31.7	-19.5	.34	43.81	54	-10.19	-	-	228	396	V

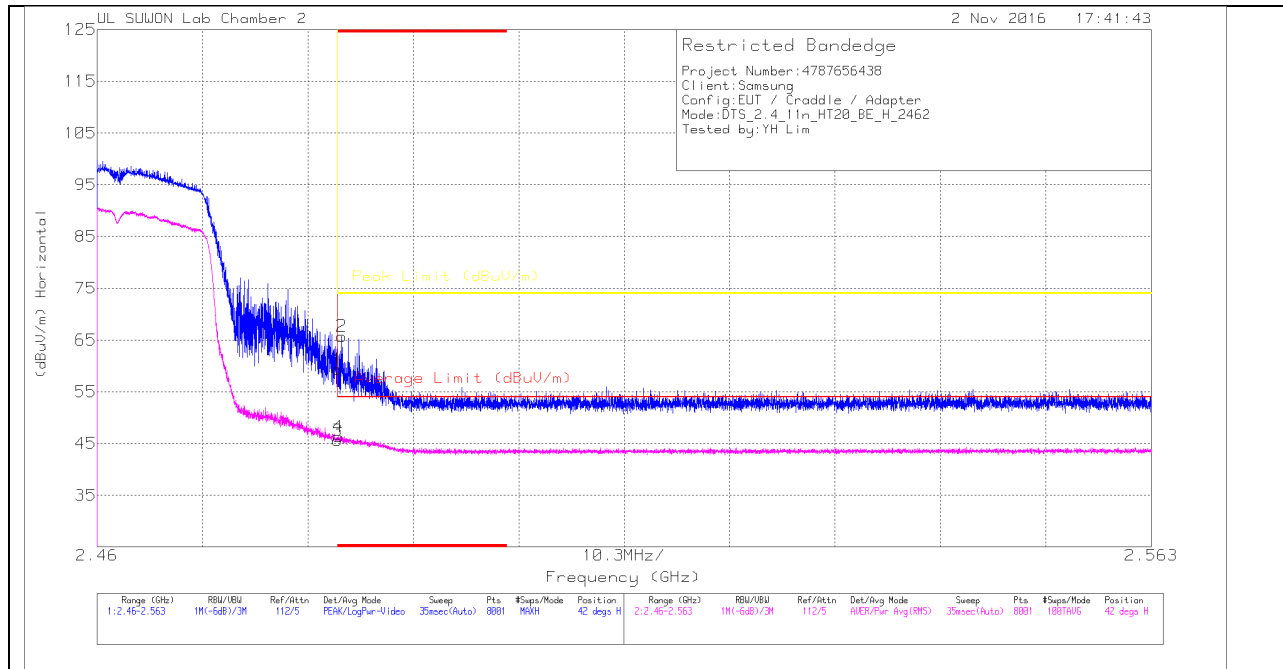
* - indicates frequency in CFR15.205/IC7.2.2 Restricted Band

Pk - Peak detector

RMS - RMS detection

AUTHORIZED BANDEDGE (HIGH CHANNEL)

HORIZONTAL PEAK AND AVERAGE PLOT



HORIZONTAL DATA

Trace Markers

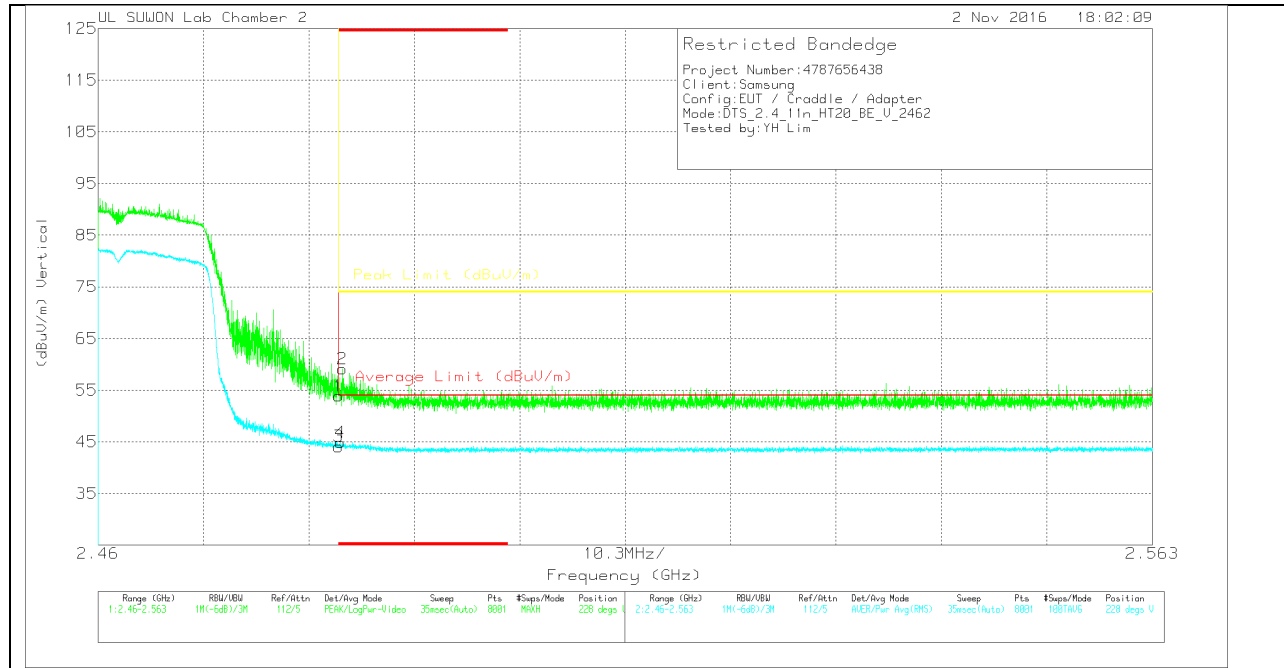
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	3117(001687 24)_150619	Path_2_10dB	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.484	46.98	Pk	31.8	-19.4	0	59.38	-	-	74	-14.62	42	193	H
2	* 2.484	53.32	Pk	31.8	-19.4	0	65.72	-	-	74	-8.28	42	193	H
3	* 2.484	32.87	RMS	31.8	-19.4	.34	45.61	54	-8.39	-	-	42	193	H
4	* 2.484	33.61	RMS	31.8	-19.4	.34	46.35	54	-7.65	-	-	42	193	H

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

Pk - Peak detector

RMS - RMS detection

VERTICAL PEAK AND AVERAGE PLOT



VERTICAL DATA

Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	3117(001687 24)_150619	Path_2_10dB	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.484	41.47	Pk	31.8	-19.4	0	53.87	-	-	74	-20.13	228	107	V
2	* 2.484	46.7	Pk	31.8	-19.4	0	59.1	-	-	74	-14.9	228	107	V
3	* 2.484	31.37	RMS	31.8	-19.4	.34	44.11	54	-9.89	-	-	228	107	V
4	* 2.484	32.14	RMS	31.8	-19.4	.34	44.88	54	-9.12	-	-	228	107	V

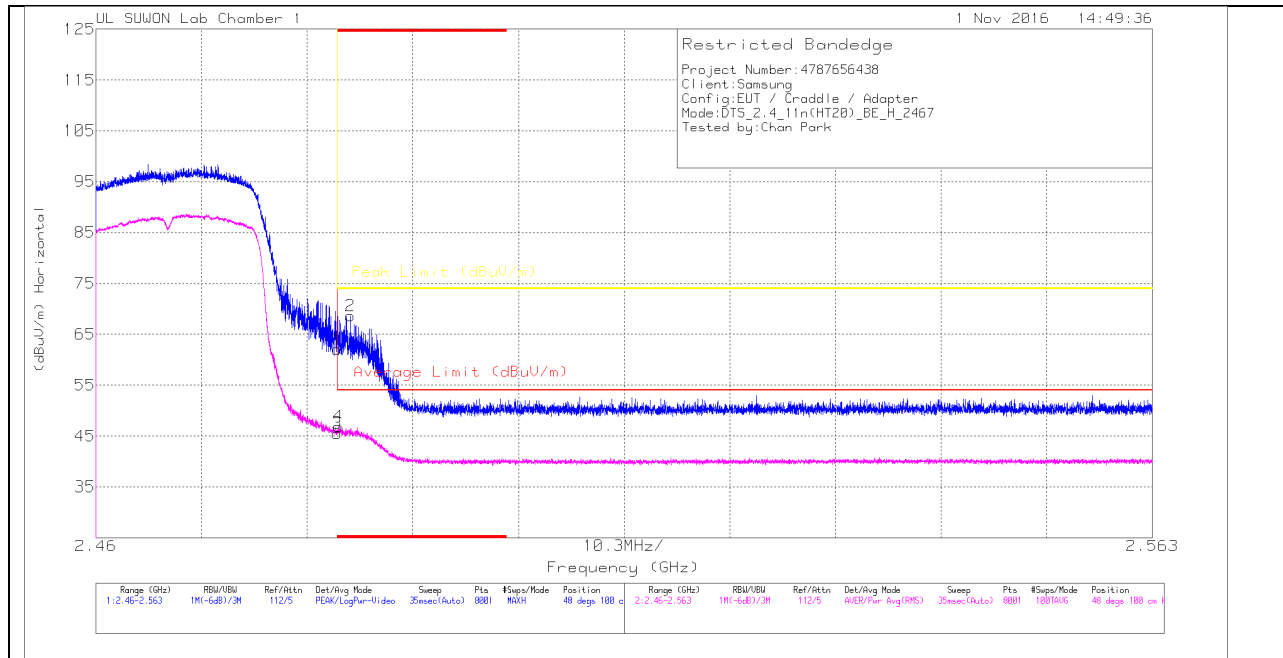
* - indicates frequency in CFR15.205/IC7.2.2 Restricted Band

Pk - Peak detector

RMS - RMS detection

AUTHORIZED BANDEDGE (12 CHANNEL)

HORIZONTAL PEAK AND AVERAGE PLOT



HORIZONTAL DATA

Trace Markers

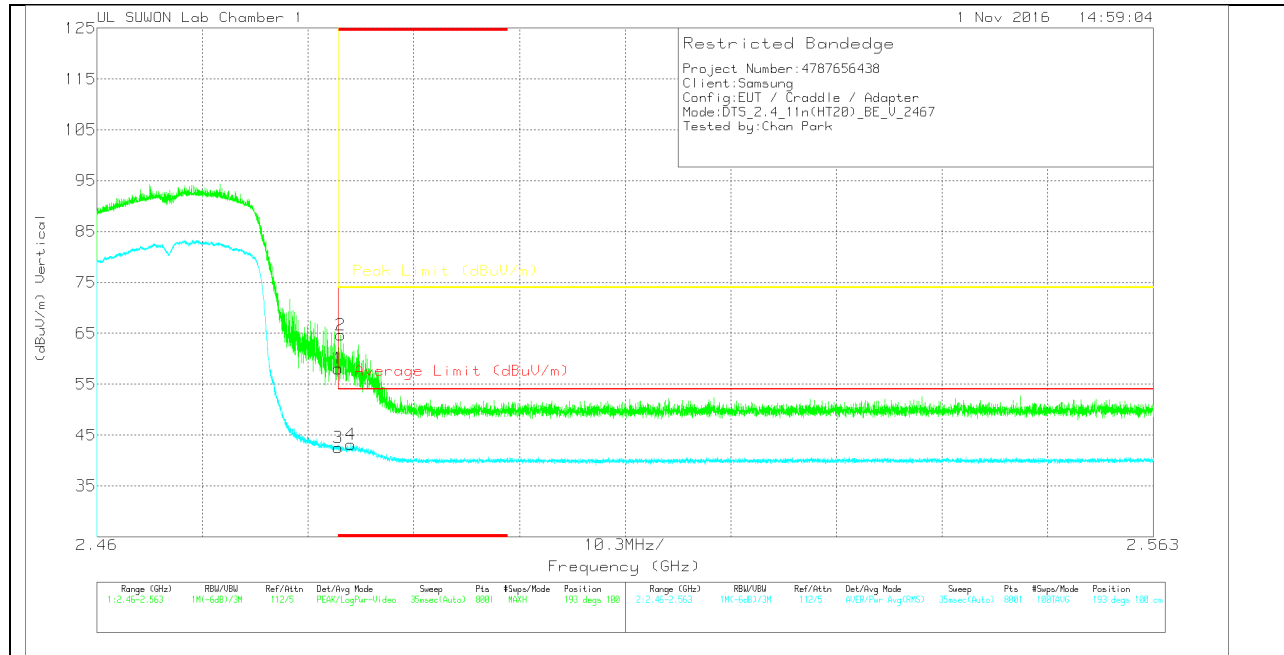
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	3117/001687 17_150619	10dB[dB]	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.484	58.34	Pk	32	-28.3	0	62.04	-	-	74	-11.96	48	100	H
2	* 2.485	64.91	Pk	32	-28.3	0	68.61	-	-	74	-5.39	48	100	H
3	* 2.484	41.52	RMS	32	-28.3	.34	45.56	54	-8.44	-	-	48	100	H
4	* 2.484	42.8	RMS	32	-28.3	.34	46.84	54	-7.16	-	-	48	100	H

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

Pk - Peak detector

RMS - RMS detection

VERTICAL PEAK AND AVERAGE PLOT



VERTICAL DATA

Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	3117(00168 717)_15061 9	10dB[dB]	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	54.36	Pk	32	-28.3	0	58.06	-	-	74	-15.94	193	100	V
2	* 2.484	60.95	Pk	32	-28.3	0	64.65	-	-	74	-9.35	193	100	V
3	* 2.484	38.49	RMS	32	-28.3	.34	42.53	54	-11.47	-	-	193	100	V
4	* 2.485	39.11	RMS	32	-28.3	.34	43.15	54	-10.85	-	-	193	100	V

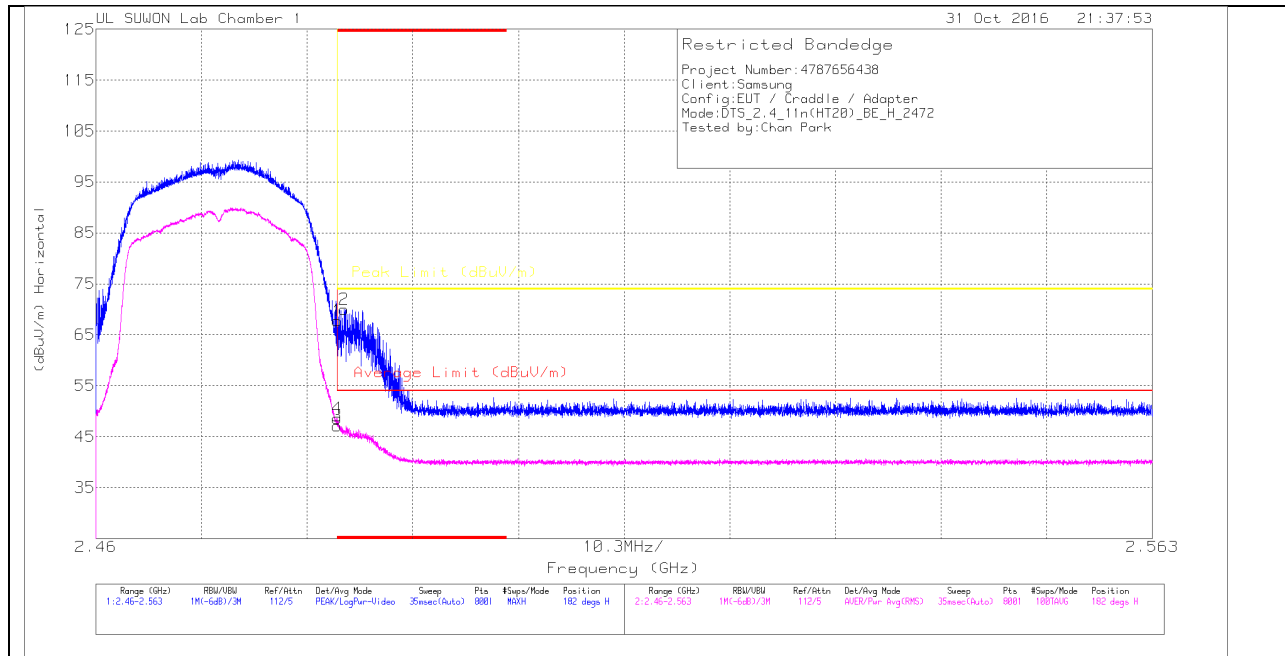
* - indicates frequency in CFR15.205/IC7.2.2 Restricted Band

Pk - Peak detector

RMS - RMS detection

AUTHORIZED BANDEDGE (13 CHANNEL)

HORIZONTAL PEAK AND AVERAGE PLOT



HORIZONTAL DATA

Trace Markers

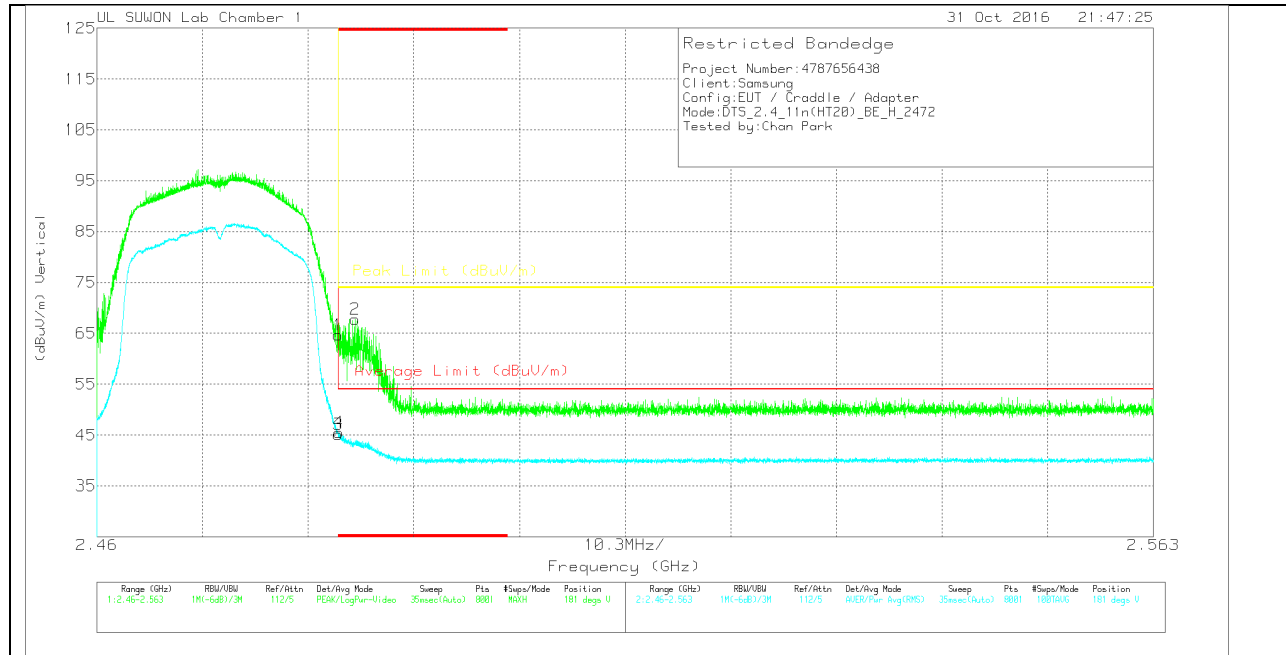
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	3117/001687 171_150619	10dB(dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.484	64.09	Pk	32	-28.3	0	67.79	-	-	74	-6.21	182	114	H
2	* 2.484	66.29	Pk	32	-28.3	0	69.99	-	-	74	-4.01	182	114	H
3	* 2.484	43.02	RMS	32	-28.3	.34	47.06	54	-6.94	-	-	182	114	H
4	* 2.484	44.53	RMS	32	-28.3	.34	48.57	54	-5.43	-	-	182	114	H

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

Pk - Peak detector

RMS - RMS detection

VERTICAL PEAK AND AVERAGE PLOT



VERTICAL DATA

Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	3117/001687 17_150619	10dB[dB]	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	61.02	Pk	32	-28.3	0	64.72	-	-	74	-9.28	181	100	V
2	* 2.485	64.12	Pk	32	-28.3	0	67.82	-	-	74	-6.18	181	100	V
3	* 2.484	41.14	RMS	32	-28.3	.34	45.18	54	-8.82	-	-	181	100	V
4	* 2.484	41.47	RMS	32	-28.3	.34	45.51	54	-8.49	-	-	181	100	V

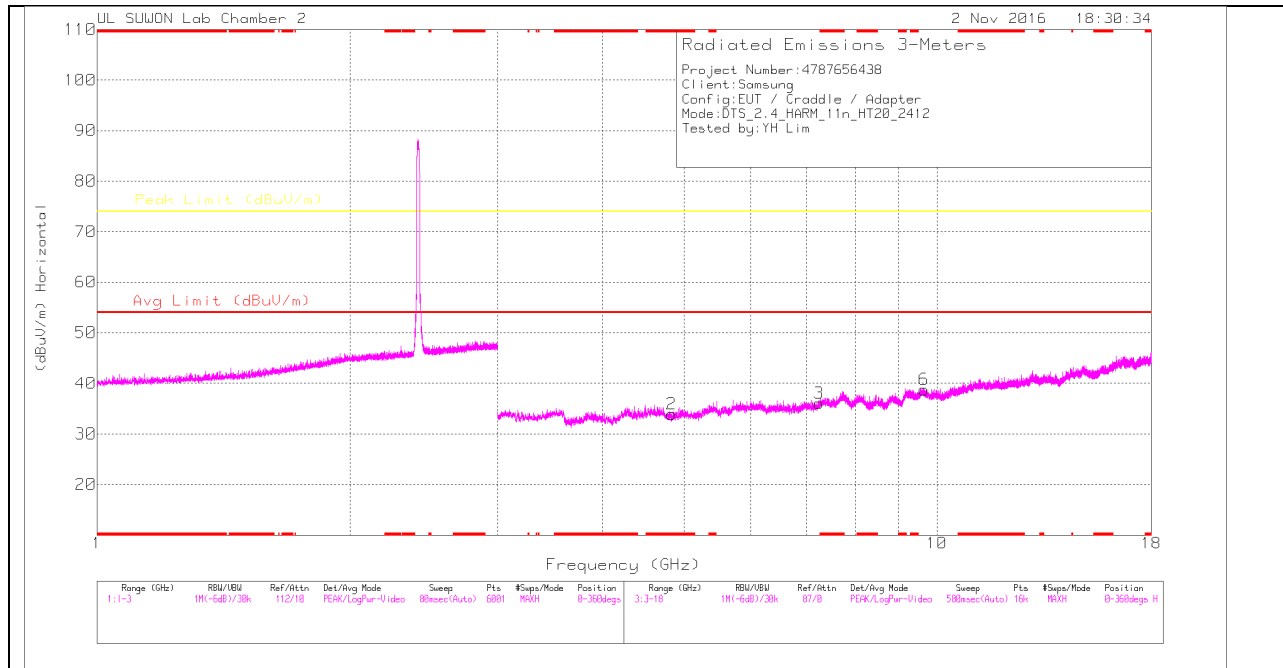
* - indicates frequency in CFR15.205/IC7.2.2 Restricted Band

Pk - Peak detector

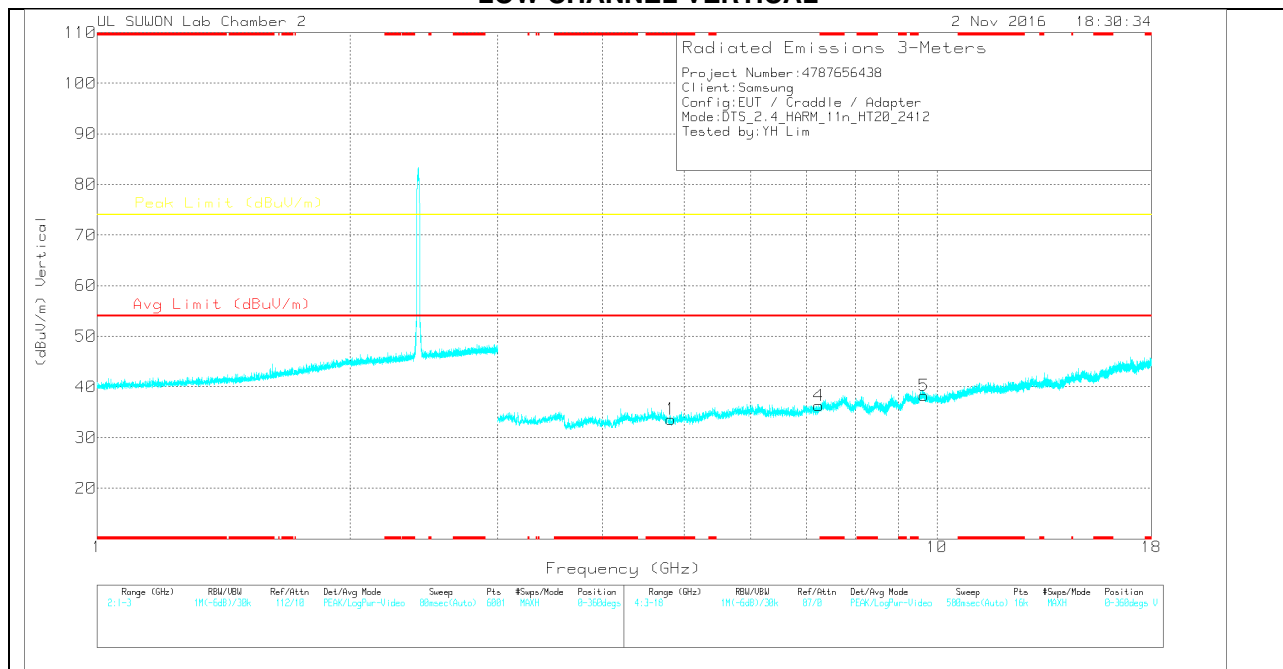
RMS - RMS detection

HARMONICS AND SPURIOUS EMISSIONS

LOW CHANNEL HORIZONTAL



LOW CHANNEL VERTICAL



Note: Emission was scanned up to 26GHz; No emissions were detected above the noise floor which was at least 20dB below the specification limit.

LOW CHANNEL DATA

Trace Markers

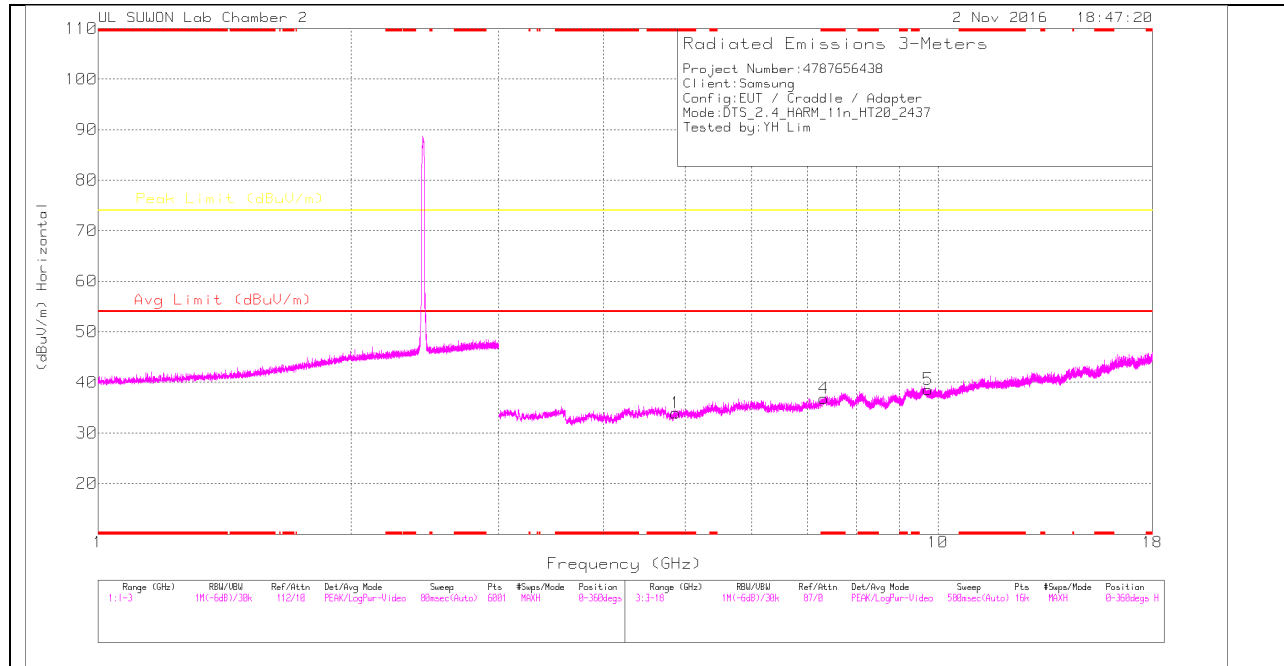
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	3117(0016872 4)_150619	Path_3	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
2	* 4.83	25.31	Pk	33.9	-25.3	0	33.91	-	-	74	-40.09	0-360	250	H
3	7.239	23.25	Pk	35.8	-23	0	36.05	-	-	74	-37.95	0-360	250	H
6	9.646	20.85	Pk	36.9	-19	0	38.75	-	-	74	-35.25	0-360	250	H
1	* 4.824	25.01	Pk	33.9	-25.3	0	33.61	-	-	74	-40.39	0-360	150	V
4	7.233	23.48	Pk	35.8	-23	0	36.28	-	-	74	-37.72	0-360	150	V
5	9.647	20.39	Pk	36.9	-19	0	38.29	-	-	74	-35.71	0-360	150	V

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

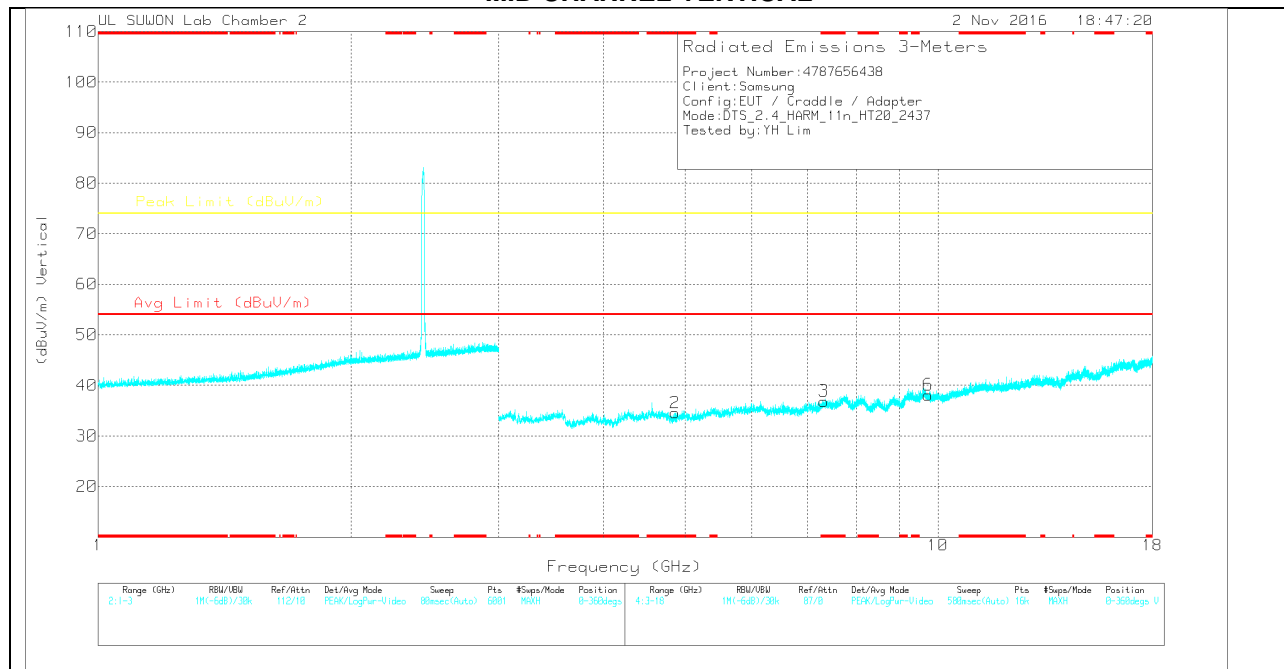
Pk – Peak detector

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

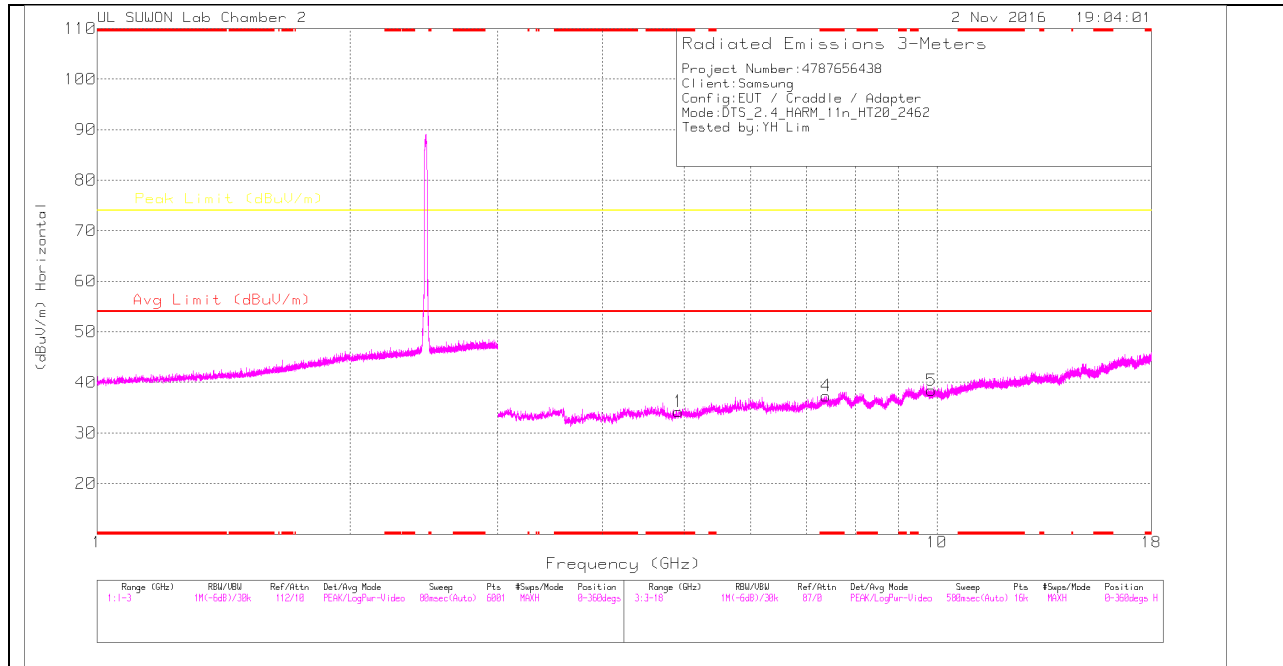
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	3117(0016872 4)_150619	Path_3	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 4.87	25.25	Pk	33.9	-25.2	0	33.95	-	-	74	-40.05	0-360	250	H
4	* 7.315	23.49	Pk	35.9	-22.6	0	36.79	-	-	74	-37.21	0-360	250	H
5	9.738	20.87	Pk	37	-19.3	0	38.57	-	-	74	-35.43	0-360	250	H
2	* 4.866	25.97	Pk	33.9	-25.3	0	34.57	-	-	74	-39.43	0-360	150	V
3	* 7.319	23.56	Pk	35.9	-22.6	0	36.86	-	-	74	-37.14	0-360	250	V
6	9.739	20.4	Pk	37	-19.3	0	38.1	-	-	74	-35.9	0-360	250	V

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

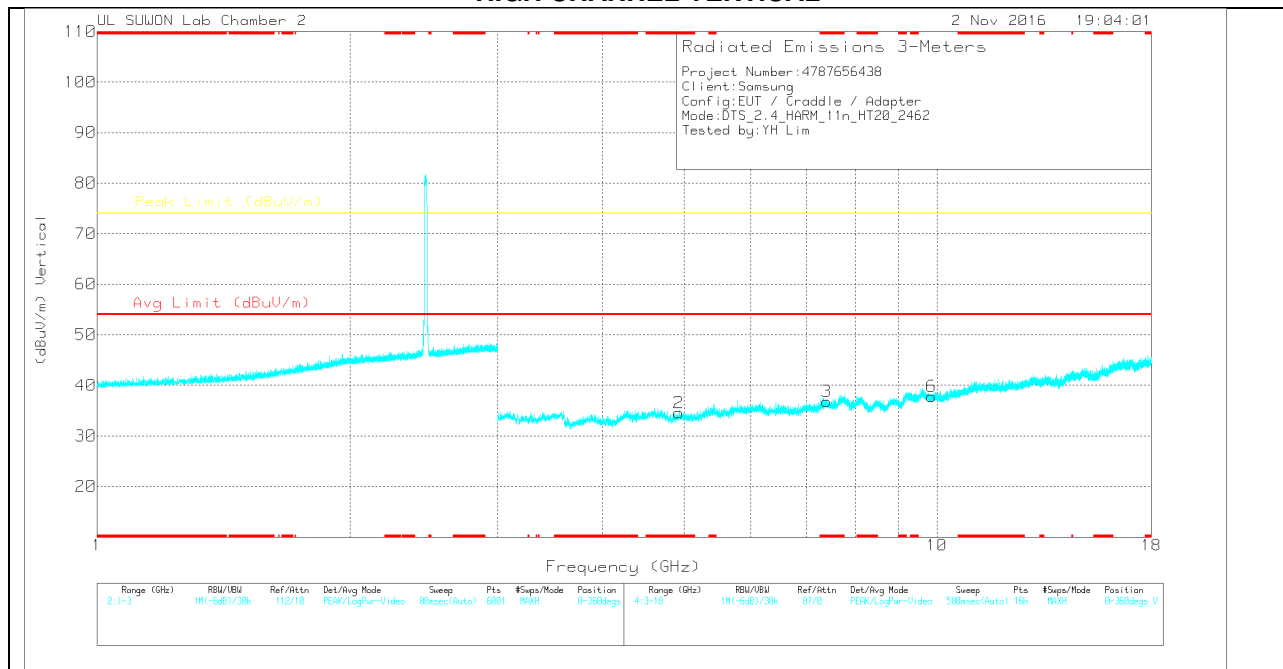
Pk – Peak detector

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

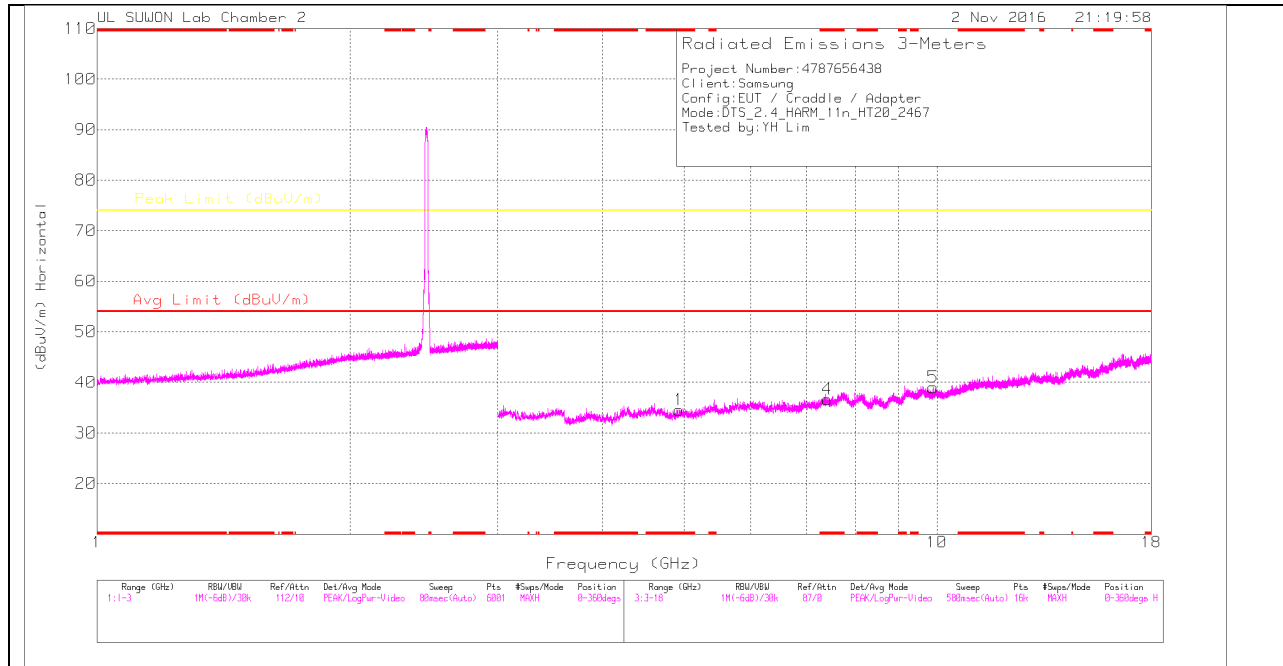
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	3117(0016872 4)_150619	Path_3	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 4.923	25.41	Pk	33.9	-25.1	0	34.21	-	-	74	-39.79	0-360	250	H
4	* 7.382	23.63	Pk	35.9	-22.2	0	37.33	-	-	74	-36.67	0-360	250	H
5	9.858	20.53	Pk	37.1	-19.2	0	38.43	-	-	74	-35.57	0-360	150	H
2	* 4.928	25.78	Pk	33.9	-25.1	0	34.58	-	-	74	-39.42	0-360	150	V
3	* 7.389	23.08	Pk	35.9	-22.2	0	36.78	-	-	74	-37.22	0-360	150	V
6	9.855	19.91	Pk	37.1	-19.2	0	37.81	-	-	74	-36.19	0-360	250	V

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

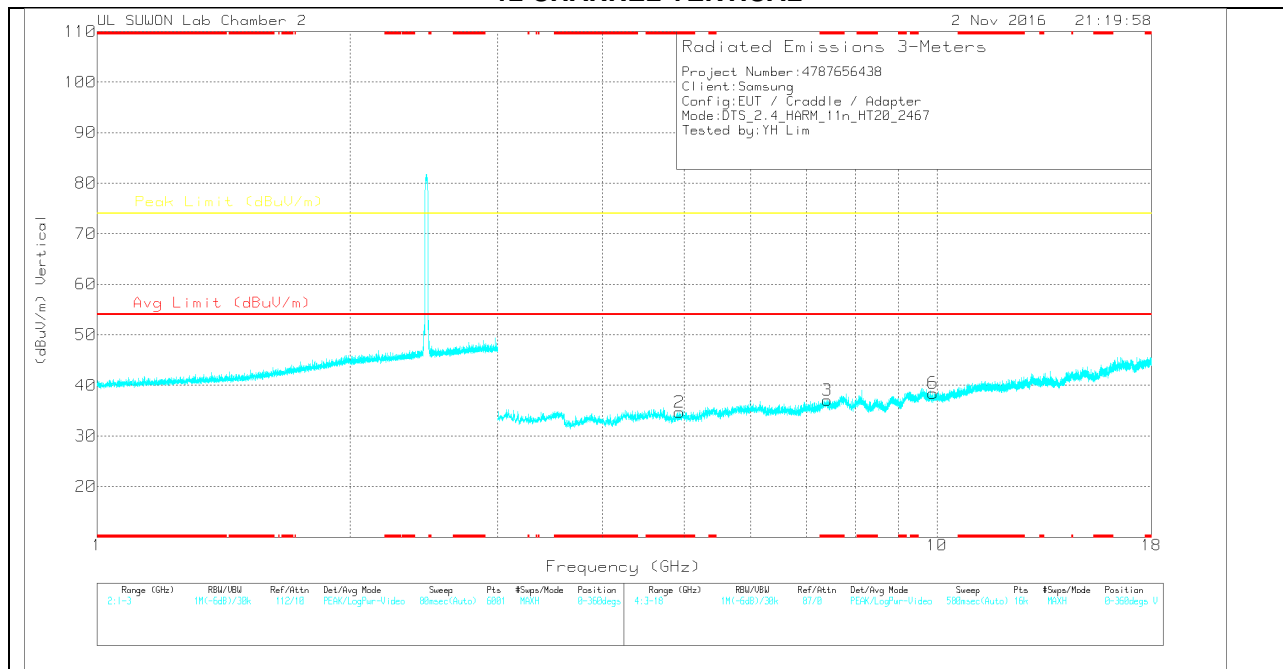
Pk – Peak detector

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

12 CHANNEL HORIZONTAL



12 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.

12 CHANNEL DATA

Trace Markers

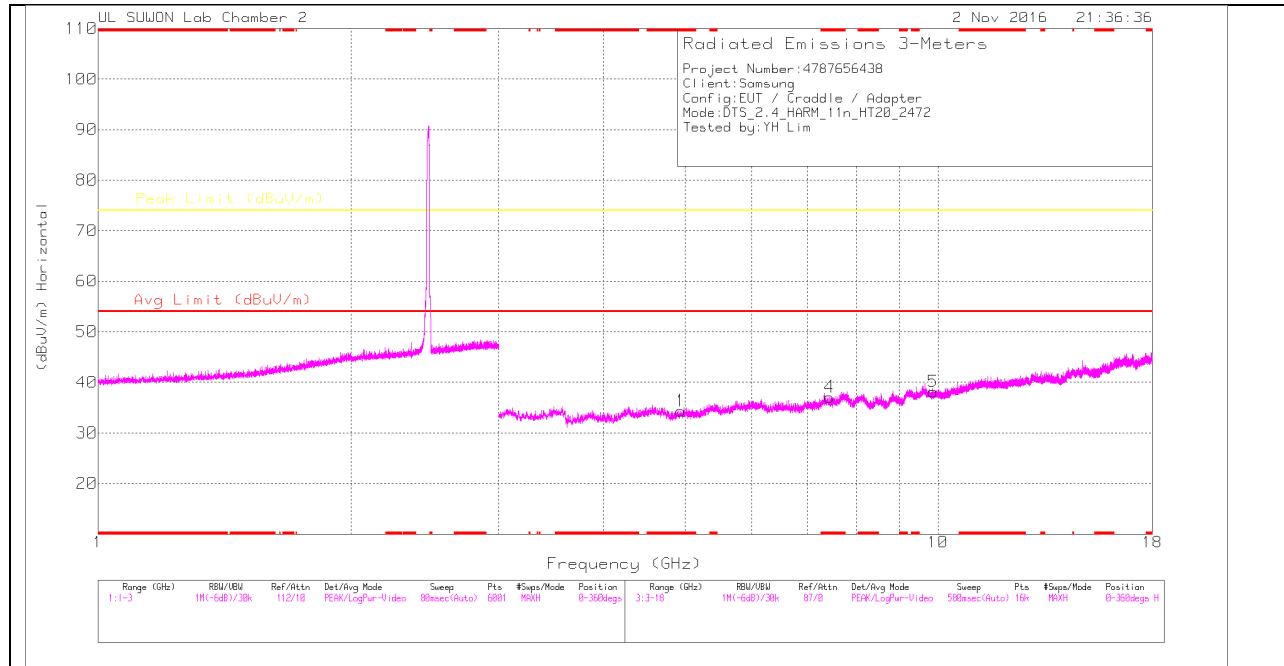
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	3117(0016872 4)_150619	Path_3	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 4.933	25.72	Pk	33.9	-25.1	0	34.52	-	-	74	-39.48	0-360	150	H
4	* 7.405	22.73	Pk	36	-22.1	0	36.63	-	-	74	-37.37	0-360	250	H
5	9.896	21	Pk	37.1	-19.1	0	39	-	-	74	-35	0-360	150	H
2	* 4.937	25.86	Pk	33.9	-25.1	0	34.66	-	-	74	-39.34	0-360	250	V
3	* 7.399	23.14	Pk	36	-22.1	0	37.04	-	-	74	-36.96	0-360	250	V
6	9.894	20.48	Pk	37.1	-19.1	0	38.48	-	-	74	-35.52	0-360	250	V

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

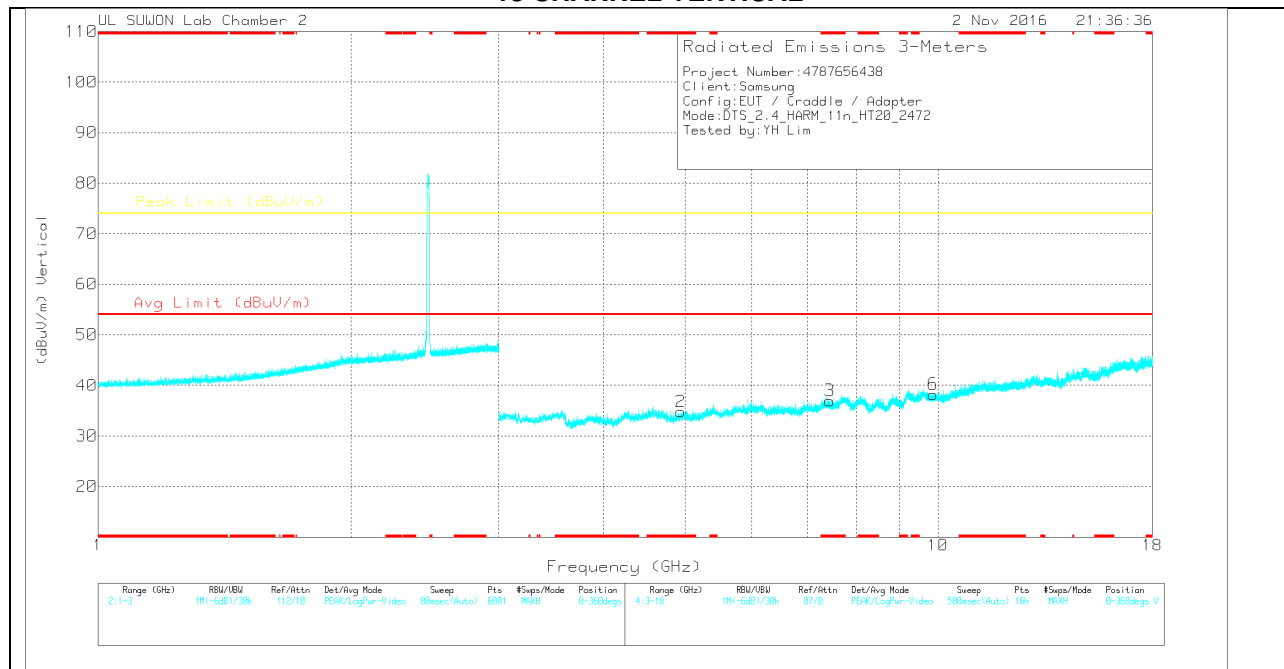
Pk – Peak detector

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

13 CHANNEL HORIZONTAL



13 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.

13 CHANNEL DATA

Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	3117(0016872 4)_150619	Path_3	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 4.942	25.54	Pk	33.9	-25.1	0	34.34	-	-	74	-39.66	0-360	150	H
4	* 7.43	23.18	Pk	36	-22.1	0	37.08	-	-	74	-36.92	0-360	250	H
5	9.871	20.27	Pk	37.1	-19.2	0	38.17	-	-	74	-35.83	0-360	150	H
2	* 4.941	26.02	Pk	33.9	-25.1	0	34.82	-	-	74	-39.18	0-360	250	V
3	* 7.435	23.05	Pk	36	-22.1	0	36.95	-	-	74	-37.05	0-360	150	V
6	9.876	20.31	Pk	37.1	-19.2	0	38.21	-	-	74	-35.79	0-360	250	V

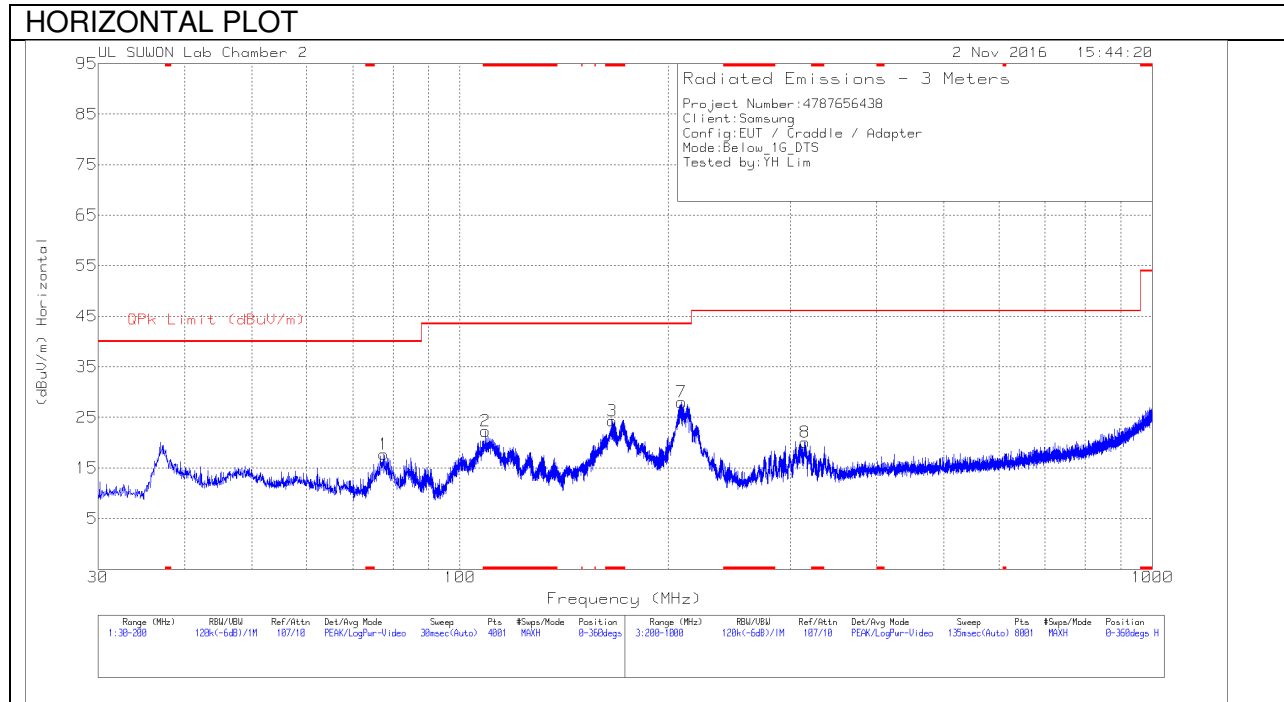
* - indicates frequency in CFR15.205/IC7.2.2 Restricted Band

Pk – Peak detector

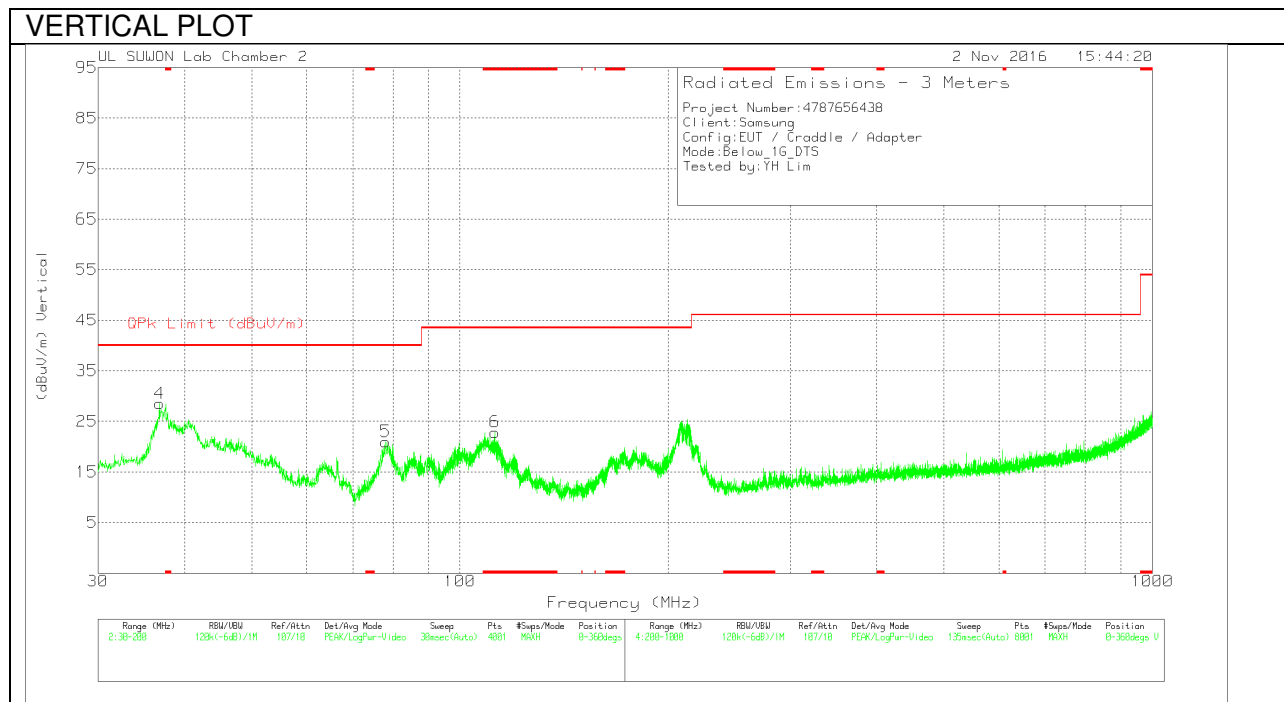
Note: Only peak measurement was performed. Because peak measurement result of unwanted emission is less than average limit (54dBuV/m).

11.3. WORST-CASE BELOW 1 GHz

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



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



Below 1G Data

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	77.6425	40.6	Pk	7.7	-30.6	17.7	40	-22.3	0-360	200	H
2	* 108.8375	41.87	Pk	10.9	-30.5	22.27	43.52	-21.25	0-360	300	H
3	* 165.915	45.87	Pk	8.8	-30.4	24.27	43.52	-19.25	0-360	200	H
4	36.8	47.83	Pk	11.5	-30.8	28.53	40	-11.47	0-360	100	V
5	78.0675	43.98	Pk	7.6	-30.6	20.98	40	-19.02	0-360	100	V
6	* 112.28	42.87	Pk	10.6	-30.6	22.87	43.52	-20.65	0-360	100	V
7	209	46.68	Pk	11.6	-30.3	27.98	43.52	-15.54	0-360	100	H
8	315.2	36.25	Pk	13.7	-29.9	20.05	46.02	-25.97	0-360	100	H

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

Pk - Peak detector

12. AC POWER LINE CONDUCTED EMISSIONS

LIMITS

FCC §15.207 (a)

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

^{*} Decreases with the logarithm of the frequency.

TEST PROCEDURE

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

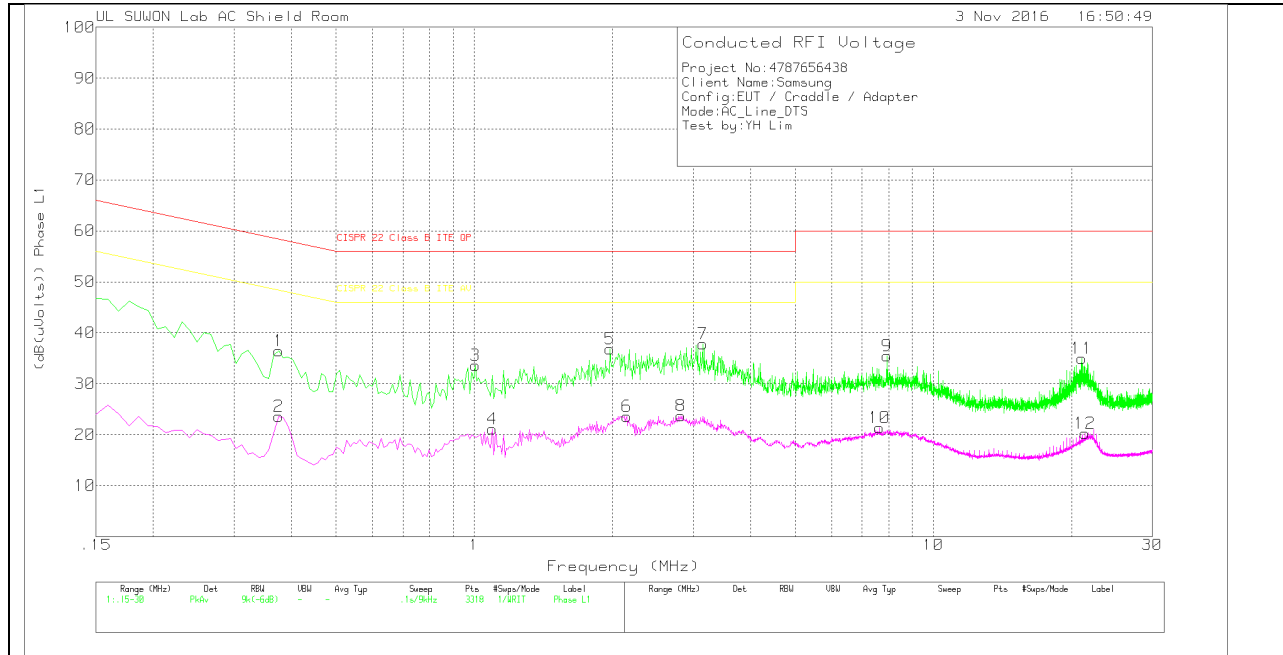
The receiver is set to a resolution bandwidth of 9 kHz. Peak detection is used unless otherwise noted as quasi-peak or average.

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

RESULTS

WORST EMISSIONS

LINE 1 PLOT



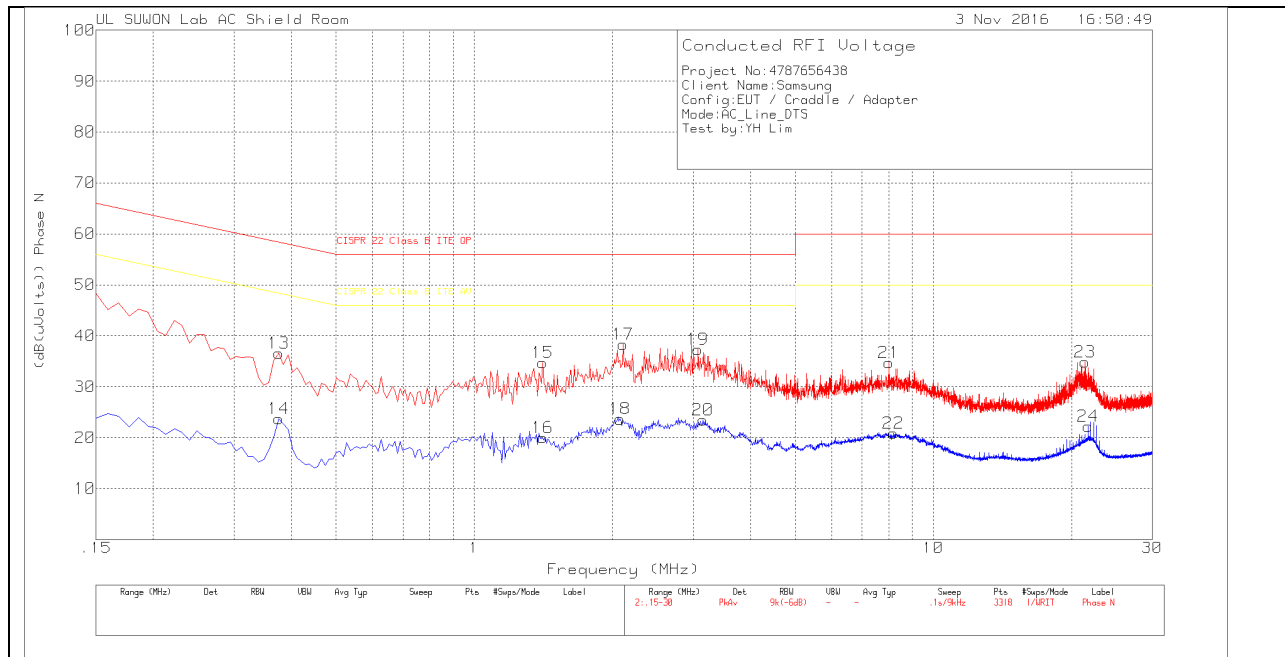
LINE 1 RESULTS

Phase L1 .15 - 30MHz										
Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	101837_w ith ex-cord_L1	CE Shield Room	Corrected Reading (dB(uVolts))	CISPR 22 Class B ITE QP	Margin (dB)	CISPR 22 Class B ITE AV	Margin (dB)
1	.375	26.6	Pk	9.9	0	36.5	58.39	-21.89	-	-
2	.375	13.64	Av	9.9	0	23.54	-	-	48.39	-24.85
3	1.005	23.79	Pk	9.8	0	33.59	56	-22.41	-	-
4	1.095	11.37	Av	9.8	0	21.17	-	-	46	-24.83
5	1.977	26.98	Pk	9.7	.1	36.78	56	-19.22	-	-
6	2.148	13.85	Av	9.7	.1	23.65	-	-	46	-22.35
7	3.147	27.88	Pk	9.8	.1	37.78	56	-18.22	-	-
8	2.823	13.91	Av	9.7	.1	23.71	-	-	46	-22.29
9	7.926	25.42	Pk	9.9	.1	35.42	60	-24.58	-	-
10	7.638	11.32	Av	9.9	.1	21.32	-	-	50	-28.68
11	21.048	24.37	Pk	10.4	.2	34.97	60	-25.03	-	-
12	21.417	9.65	Av	10.4	.2	20.25	-	-	50	-29.75

Pk - Peak detector

Av - Average detection

LINE 2 PLOT



LINE 2 RESULTS

Phase N .15 - 30MHz										
Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	101837_w ith ex-cord_N	CE Shield Room	Corrected Reading (dB(uVolts))	CISPR 22 Class B ITE QP	Margin (dB)	CISPR 22 Class B ITE AV	Margin (dB)
13	.375	26.71	Pk	9.9	0	36.61	58.39	-21.78	-	-
14	.375	13.8	Av	9.9	0	23.7	-	-	48.39	-24.69
15	1.41	24.8	Pk	9.8	.1	34.7	56	-21.3	-	-
16	1.41	10.15	Av	9.8	.1	20.05	-	-	46	-25.95
17	2.112	28.53	Pk	9.7	.1	38.33	56	-17.67	-	-
18	2.076	13.86	Av	9.7	.1	23.66	-	-	46	-22.34
19	3.075	27.48	Pk	9.8	.1	37.38	56	-18.62	-	-
20	3.147	13.55	Av	9.8	.1	23.45	-	-	46	-22.55
21	7.998	24.61	Pk	10	.1	34.71	60	-25.29	-	-
22	8.187	10.74	Av	10	.1	20.84	-	-	50	-29.16
23	21.408	24	Pk	10.7	.2	34.9	60	-25.1	-	-
24	21.723	11.28	Av	10.7	.2	22.18	-	-	50	-27.82

Pk - Peak detector

Av - Average detection