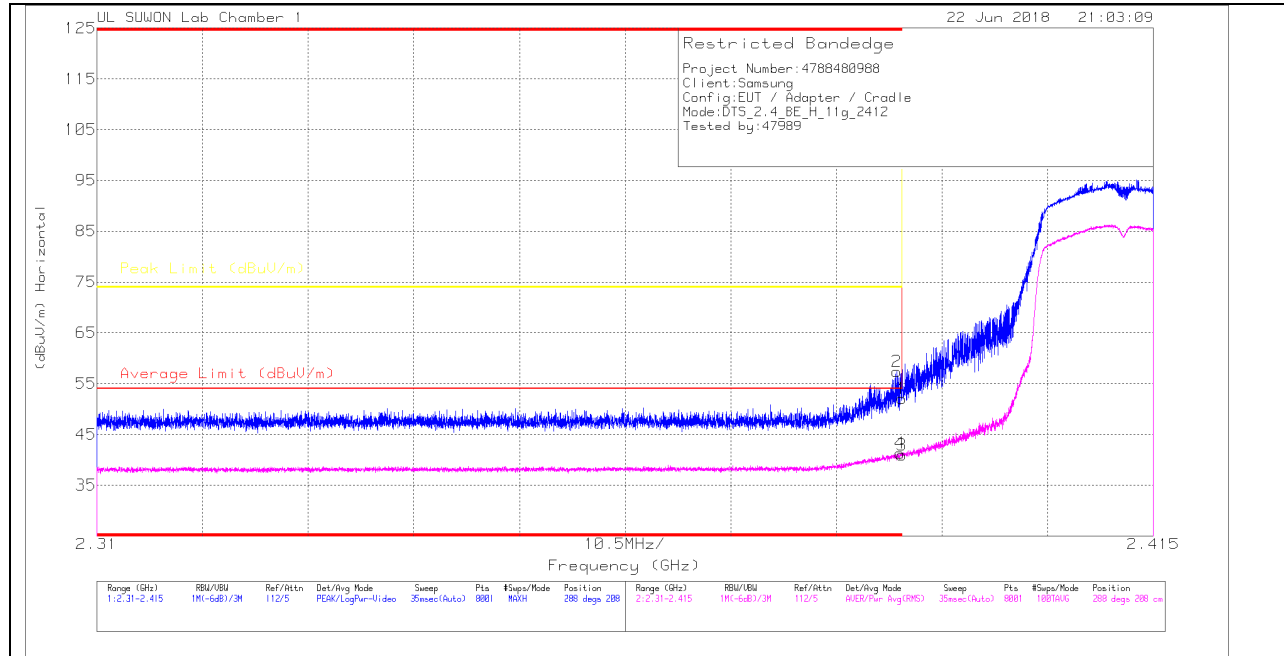


11.2.2.TX ABOVE 1 GHz 802.11g MODE IN THE 2.4 GHz BAND

RESTRICTED BANDEDGE (LOW CHANNEL)

HORIZONTAL PEAK AND AVERAGE PLOT



HORIZONTAL DATA

Trace Markers

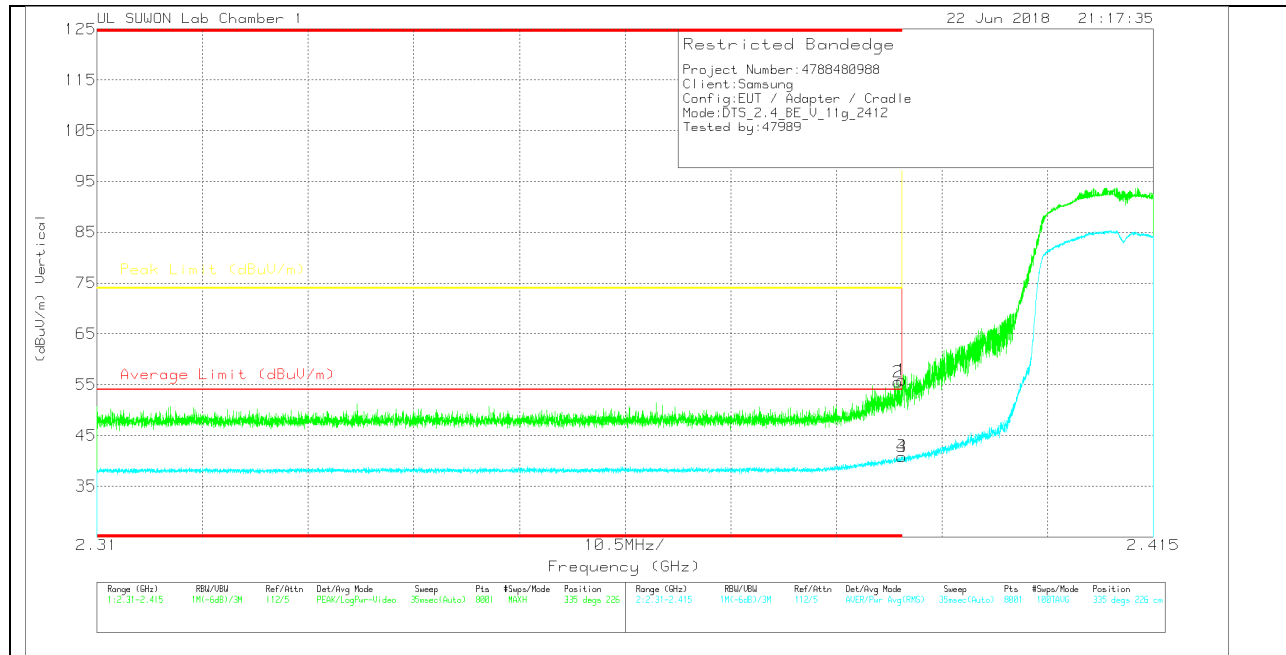
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	20170531_3117_00108 717	10dB_ATT(dB)_170809	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.39	46.43	Pk	31.3	-25.7	0	52.03	-	-	74	-21.97	288	208	H
2	* 2.39	51.76	Pk	31.3	-25.7	0	57.36	-	-	74	-16.64	288	208	H
3	* 2.39	35.13	RMS	31.3	-25.7	.15	40.88	54	-13.12	-	-	288	208	H
4	* 2.39	35.52	RMS	31.3	-25.7	.15	41.27	54	-12.73	-	-	288	208	H

* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

Pk - Peak detector

RMS - RMS detection

VERTICAL PEAK AND AVERAGE PLOT



VERTICAL DATA

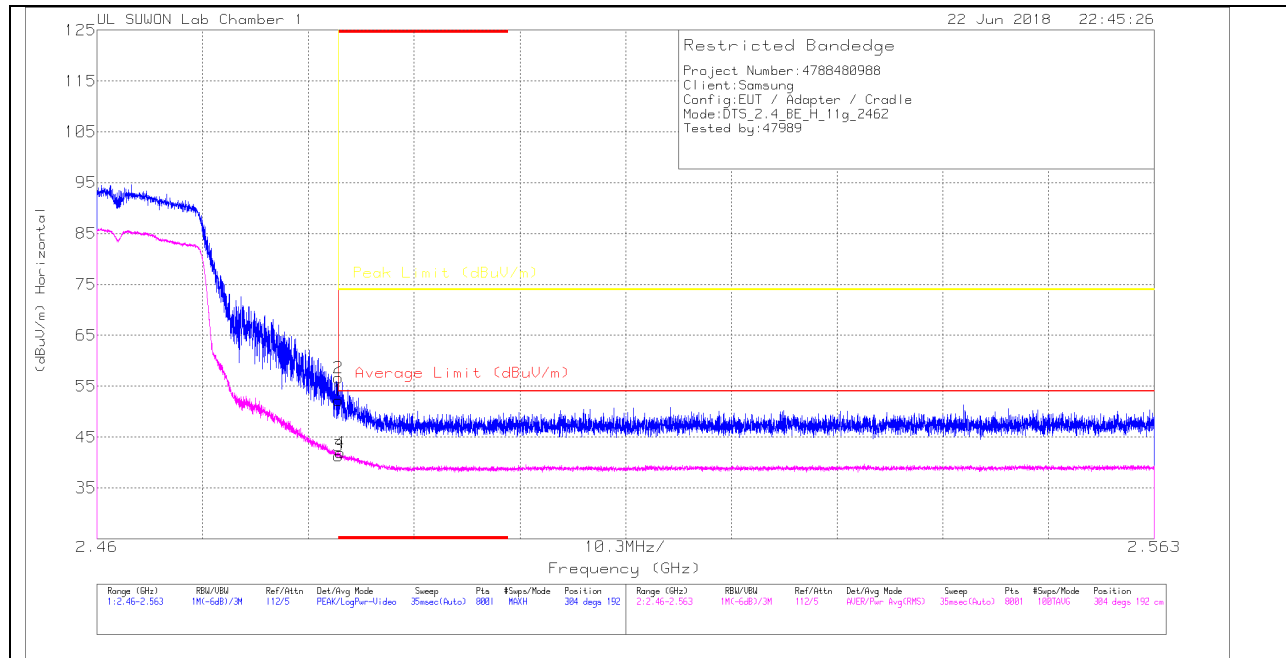
Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	20170531_3117_00168 717	10dB_ATT(dB)_170809	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	* 2.39	50.32	Pk	31.3	-25.7	0	55.92	-	-	74	-18.08	335	226	V
2	* 2.39	49.95	Pk	31.3	-25.7	0	55.55	-	-	74	-18.45	335	226	V
3	* 2.39	35.11	RMS	31.3	-25.7	.15	40.86	54	-13.14	-	-	335	226	V
4	* 2.39	35	RMS	31.3	-25.7	.15	40.75	54	-13.25	-	-	335	226	V

* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

Pk - Peak detector

RMS - RMS detection

AUTHORIZED BANDEDGE (HIGH CHANNEL)**HORIZONTAL PEAK AND AVERAGE PLOT****HORIZONTAL DATA****Trace Markers**

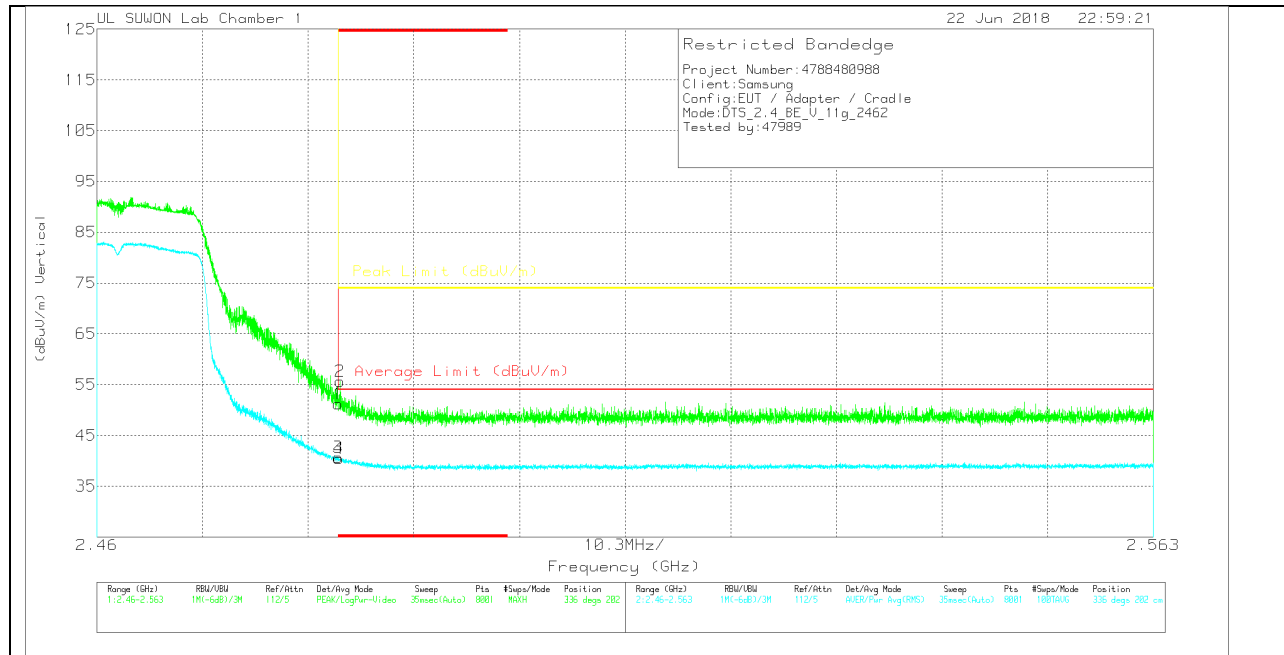
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	20170531_3117_00108 717	10dB_ATT(dB)_170809	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.484	46.12	Pk	31.6	-25.5	0	52.22	-	-	74	-21.78	304	192	H
2	* 2.484	50.55	Pk	31.6	-25.5	0	56.65	-	-	74	-17.35	304	192	H
3	* 2.484	35.05	RMS	31.6	-25.5	.15	41.3	54	-12.7	-	-	304	192	H
4	* 2.484	35.7	RMS	31.6	-25.5	.15	41.95	54	-12.05	-	-	304	192	H

* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

Pk - Peak detector

RMS - RMS detection

VERTICAL PEAK AND AVERAGE PLOT



VERTICAL DATA

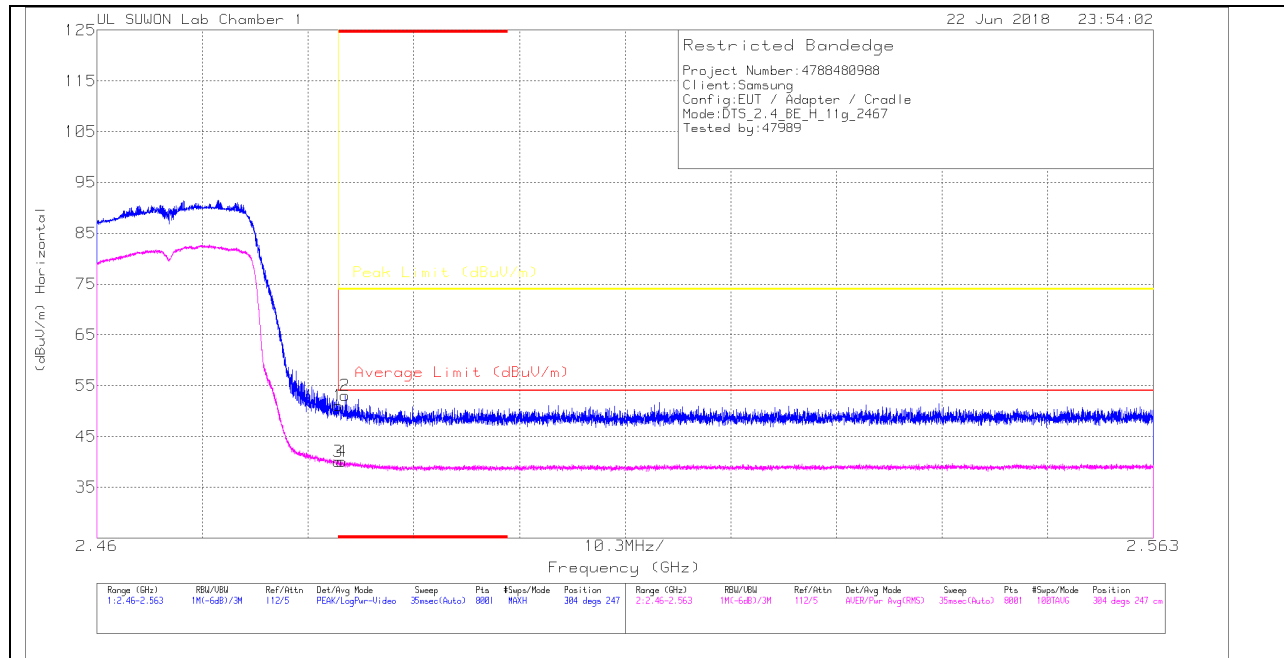
Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	20170531_3117_00168 717	10dB_ATT(dB)_170809	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	45.1	Pk	31.6	-25.5	0	51.2	-	-	74	-22.8	336	202	V
2	* 2.484	49.54	Pk	31.6	-25.5	0	55.64	-	-	74	-18.36	336	202	V
3	* 2.484	34.42	RMS	31.6	-25.5	.15	40.67	54	-13.33	-	-	336	202	V
4	* 2.484	34.23	RMS	31.6	-25.5	.15	40.48	54	-13.52	-	-	336	202	V

* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

Pk - Peak detector

RMS - RMS detection

AUTHORIZED BANDEDGE (12 CHANNEL)**HORIZONTAL PEAK AND AVERAGE PLOT****HORIZONTAL DATA****Trace Markers**

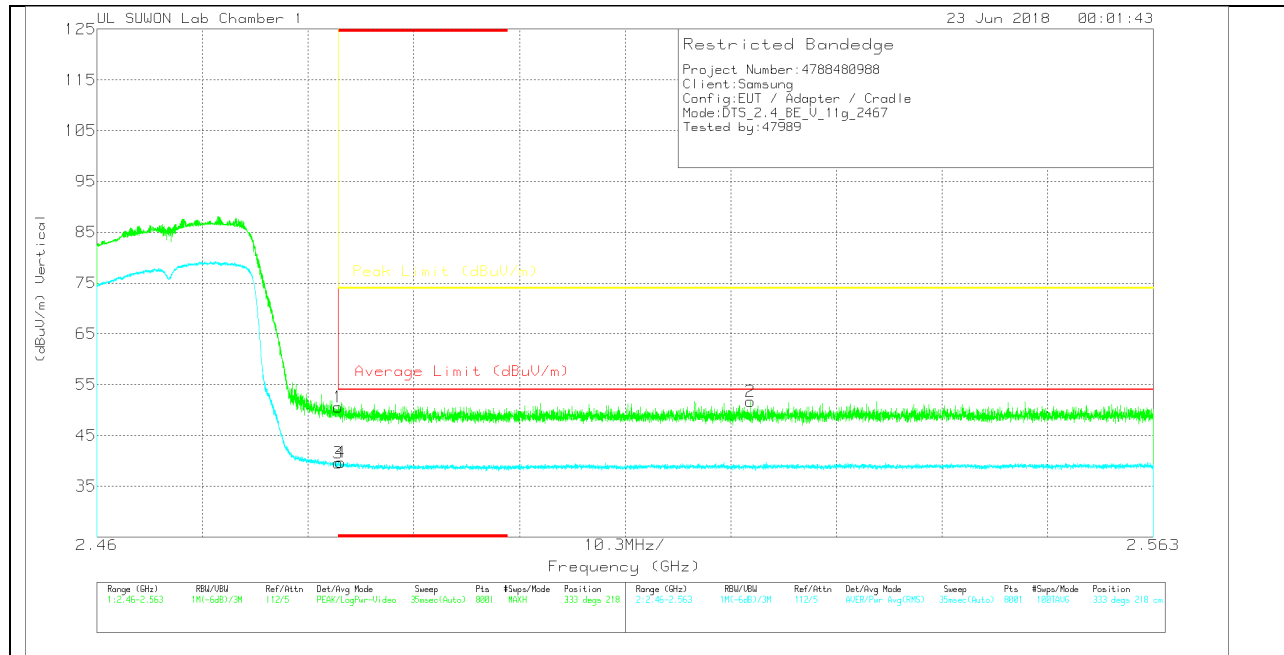
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	20170531_3117_00108 717	10dB_ATT(dB)_170809	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Pk Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.484	44.97	Pk	31.6	-25.5	0	51.07	-	-	74	-22.93	304	247	H
2	* 2.484	46.98	Pk	31.6	-25.5	0	53.08	-	-	74	-20.92	304	247	H
3	* 2.484	33.85	RMS	31.6	-25.5	.15	40.1	54	-13.9	-	-	304	247	H
4	* 2.484	33.81	RMS	31.6	-25.5	.15	40.06	54	-13.94	-	-	304	247	H

* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

Pk - Peak detector

RMS - RMS detection

VERTICAL PEAK AND AVERAGE PLOT



VERTICAL DATA

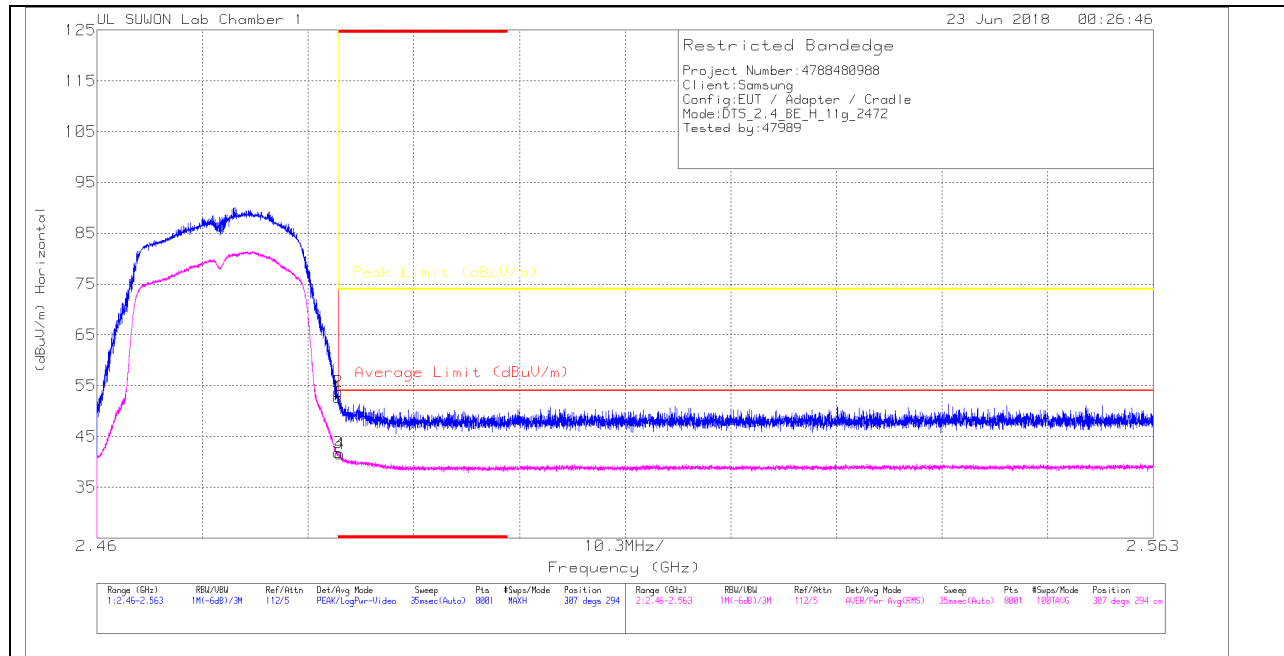
Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	20170531_3117_00108 717	10dB_ATT(dB)_170809	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	44.43	PK	31.6	-25.5	0	50.53	-	-	74	-23.47	333	218	V
2	2.524	45.52	PK	31.6	-25.4	0	51.72	-	-	74	-22.28	333	218	V
3	* 2.484	33.27	RMS	31.6	-25.5	.15	39.52	54	-14.48	-	-	333	218	V
4	* 2.484	33.46	RMS	31.6	-25.5	.15	39.71	54	-14.29	-	-	333	218	V

* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

PK - Peak detector

RMS - RMS detection

AUTHORIZED BANDEDGE (13 CHANNEL)**HORIZONTAL PEAK AND AVERAGE PLOT****HORIZONTAL DATA****Trace Markers**

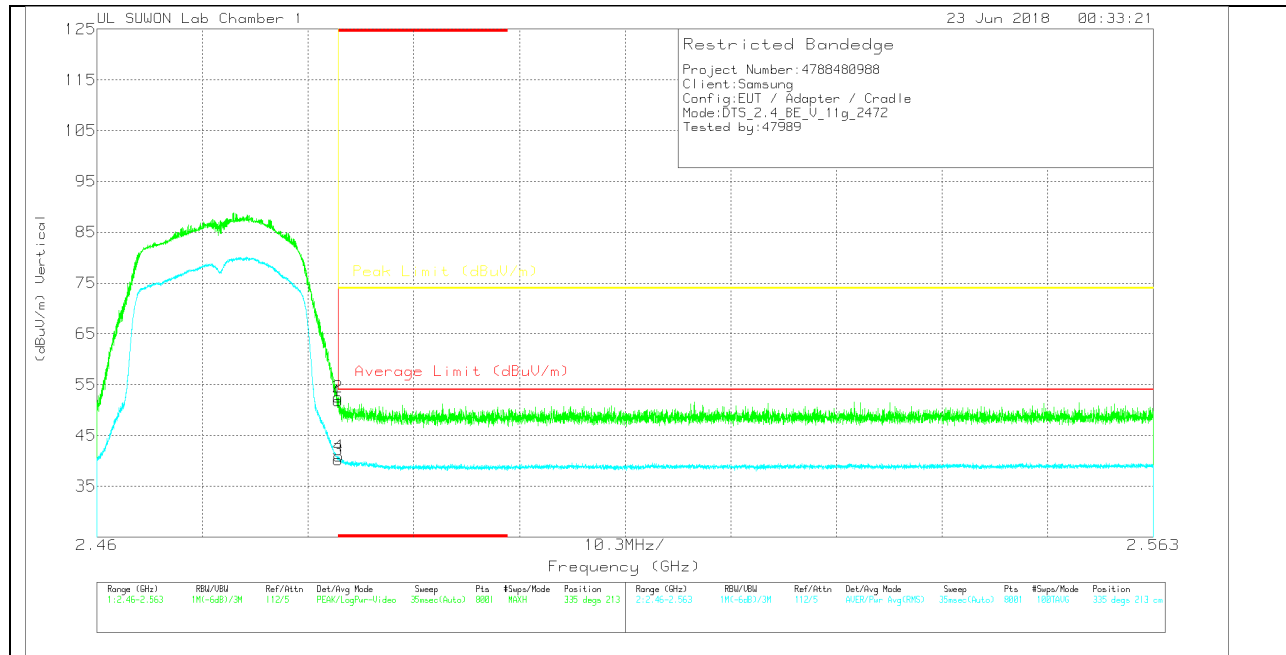
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	20170531_3117_00108 717	10dB_ATT(dB)_170809	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Altitude (Degs)	Height (cm)	Polarity
1	* 2.484	46.58	Pk		-25.5	0	52.68	-	-	74	-21.32	307	294	H
2	* 2.484	47.69	Pk		-25.5	0	53.79	-	-	74	-20.21	307	294	H
3	* 2.484	35.56	RMS		-25.5	.15	41.81	54	-12.19	-	-	307	294	H
4	* 2.484	35.28	RMS		-25.5	.15	41.53	54	-12.47	-	-	307	294	H

* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

Pk - Peak detector

RMS - RMS detection

VERTICAL PEAK AND AVERAGE PLOT



VERTICAL DATA

Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	20170531_3117_00108 717	10dB_ATT(dB)_170809	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	45.73	Pk	31.6	-25.5	0	51.83	-	-	74	-22.17	335	213	V
2	* 2.484	46.49	Pk	31.6	-25.5	0	52.59	-	-	74	-21.41	335	213	V
3	* 2.484	33.94	RMS	31.6	-25.5	.15	40.19	54	-13.81	-	-	335	213	V
4	* 2.484	34.71	RMS	31.6	-25.5	.15	40.96	54	-13.04	-	-	335	213	V

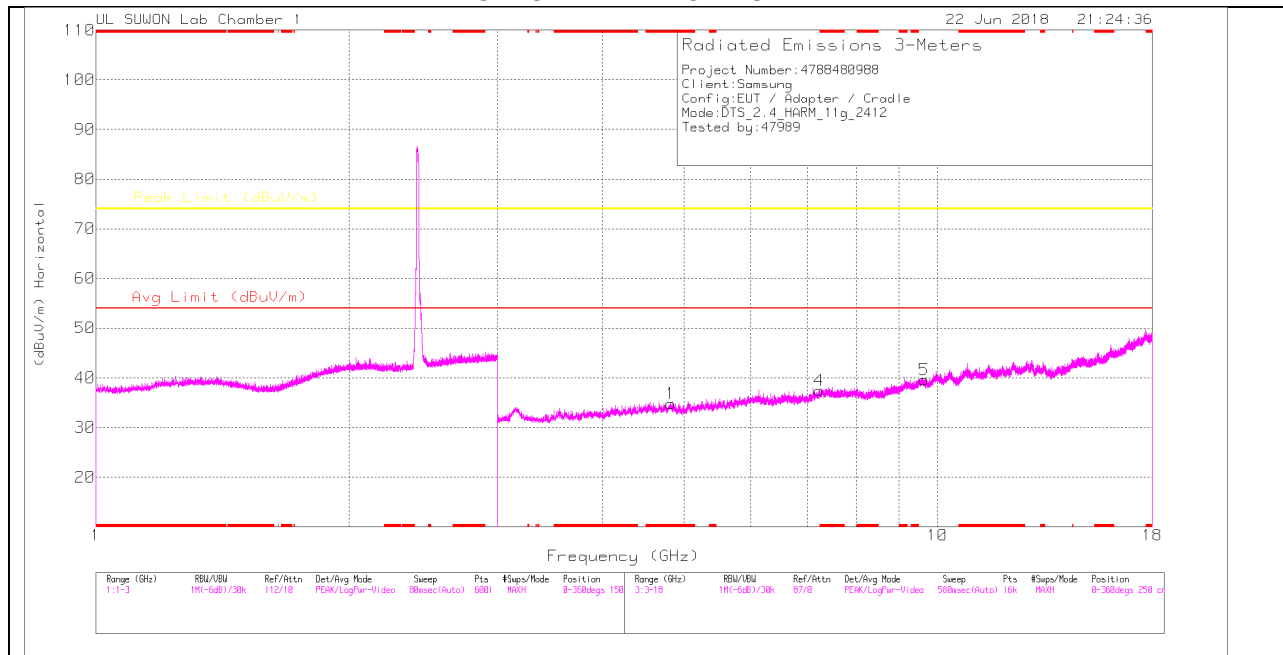
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

Pk - Peak detector

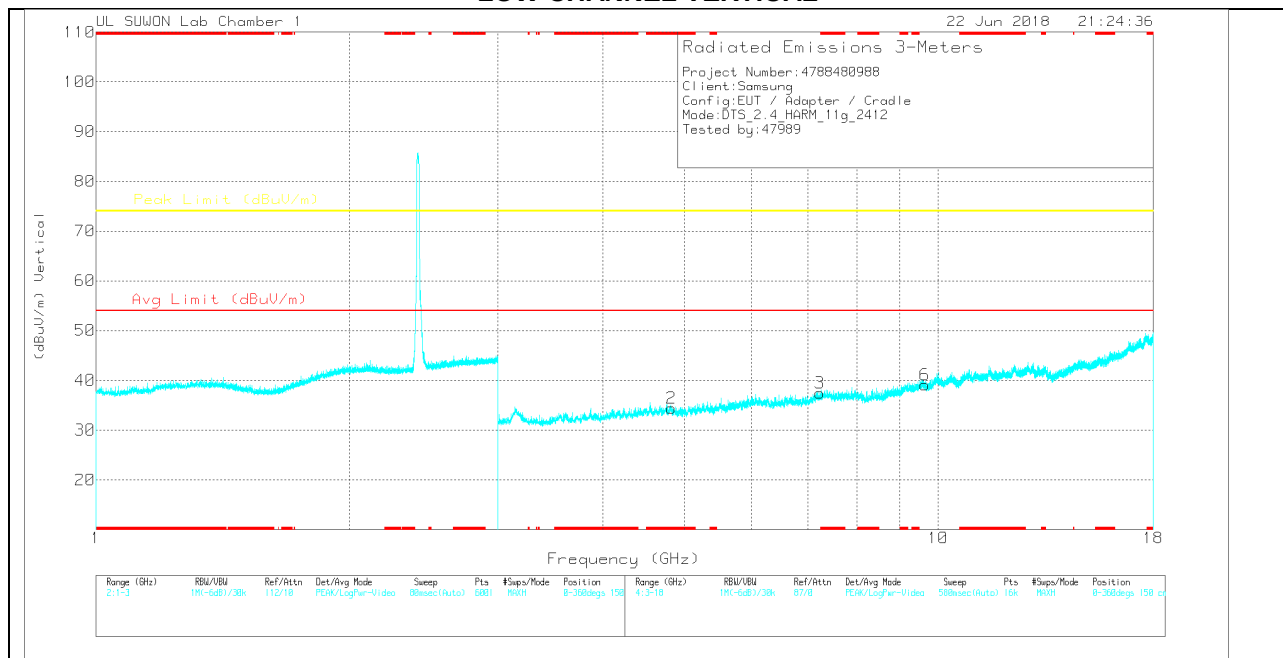
RMS - RMS detection

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

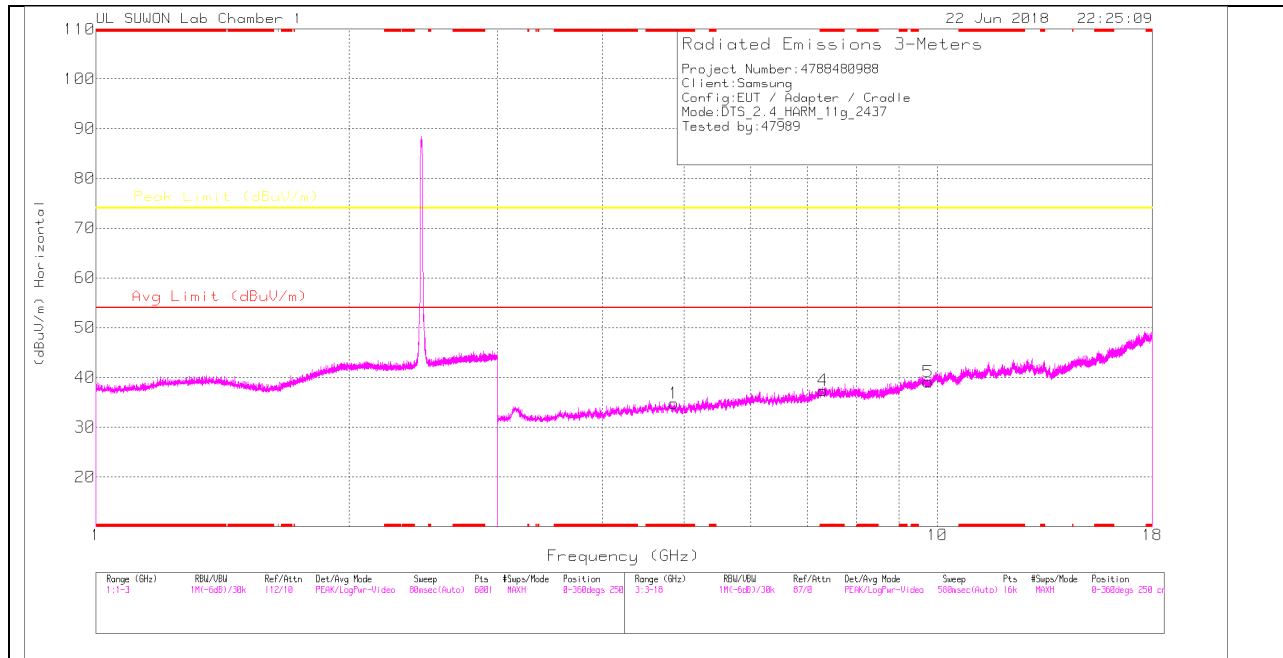
Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	20170531_3117_001687 17	3GHz_HP(dB)_170809	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	* 4.824	32.64	PK	33.8	-31.6	0	34.84	-	-	74	-39.16	0-360	250	H
4	7.232	29.51	PK	35.9	-28	0	37.41	-	-	74	-36.59	0-360	250	H
5	9.642	26.44	PK	36.8	-23.6	0	39.64	-	-	74	-34.36	0-360	150	H
2	* 4.823	32.26	PK	33.8	-31.6	0	34.46	-	-	74	-39.54	0-360	150	V
3	7.236	29.52	PK	35.9	-28	0	37.42	-	-	74	-36.58	0-360	150	V
6	9.644	25.91	PK	36.8	-23.6	0	39.11	-	-	74	-34.89	0-360	250	V

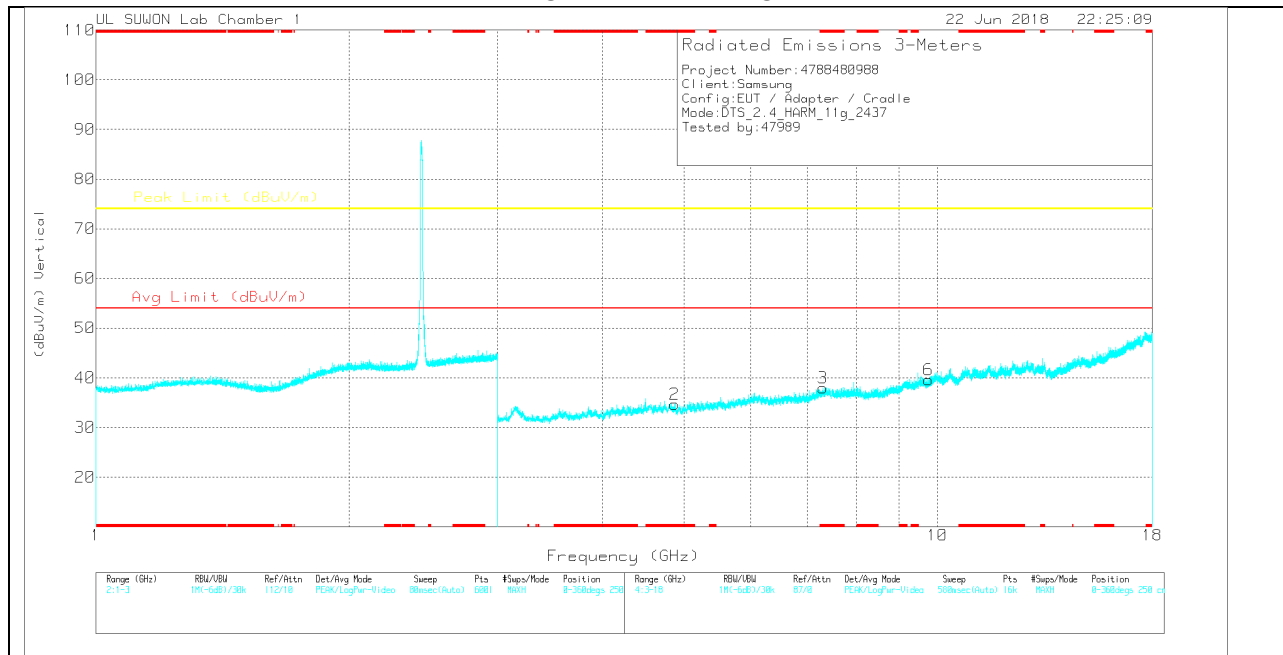
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band
PK – Peak detector

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

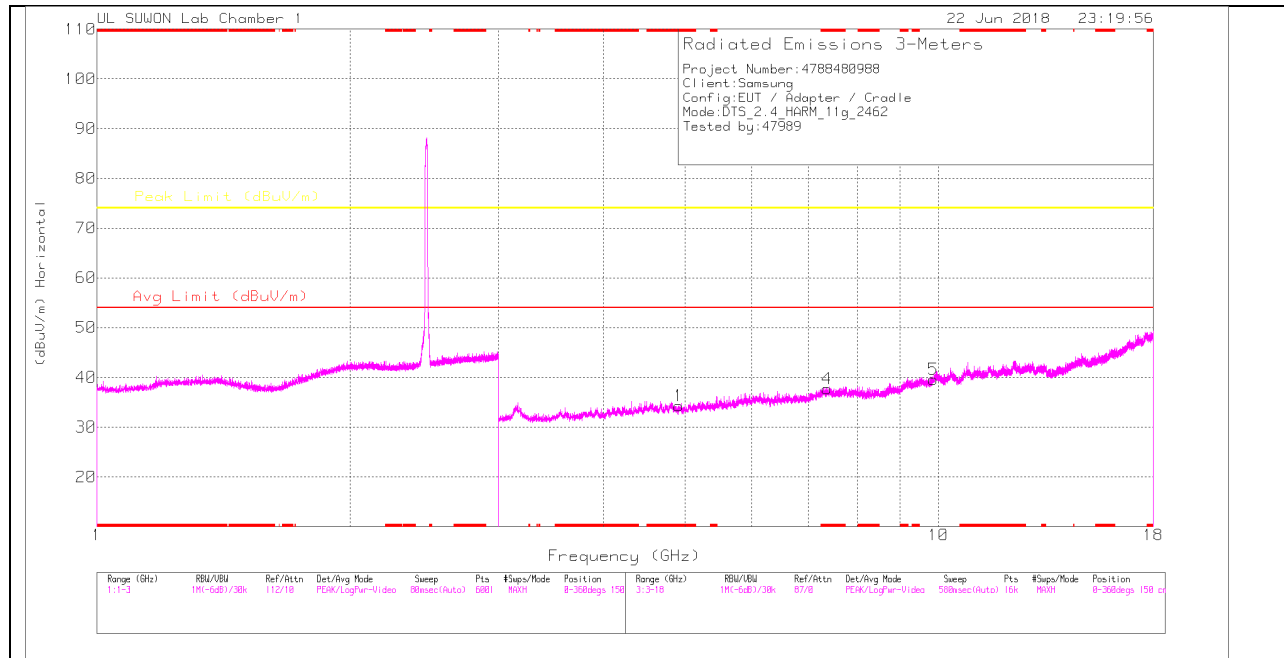
Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	20170531_3117_001687 17	3GHz_HP(dB)_170809	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	* 4.866	32.68	PK	33.8	-31.7	0	34.78	-	-	74	-39.22	0-360	150	H
4	* 7.313	29.09	PK	35.9	-27.6	0	37.39	-	-	74	-36.61	0-360	150	H
5	9.749	26.42	PK	36.9	-24.2	0	39.12	-	-	74	-34.88	0-360	250	H
2	* 4.871	32.56	PK	33.8	-31.7	0	34.66	-	-	74	-39.34	0-360	250	V
3	* 7.313	29.63	PK	35.9	-27.6	0	37.93	-	-	74	-36.07	0-360	150	V
6	9.752	26.92	PK	36.9	-24.2	0	39.62	-	-	74	-34.38	0-360	150	V

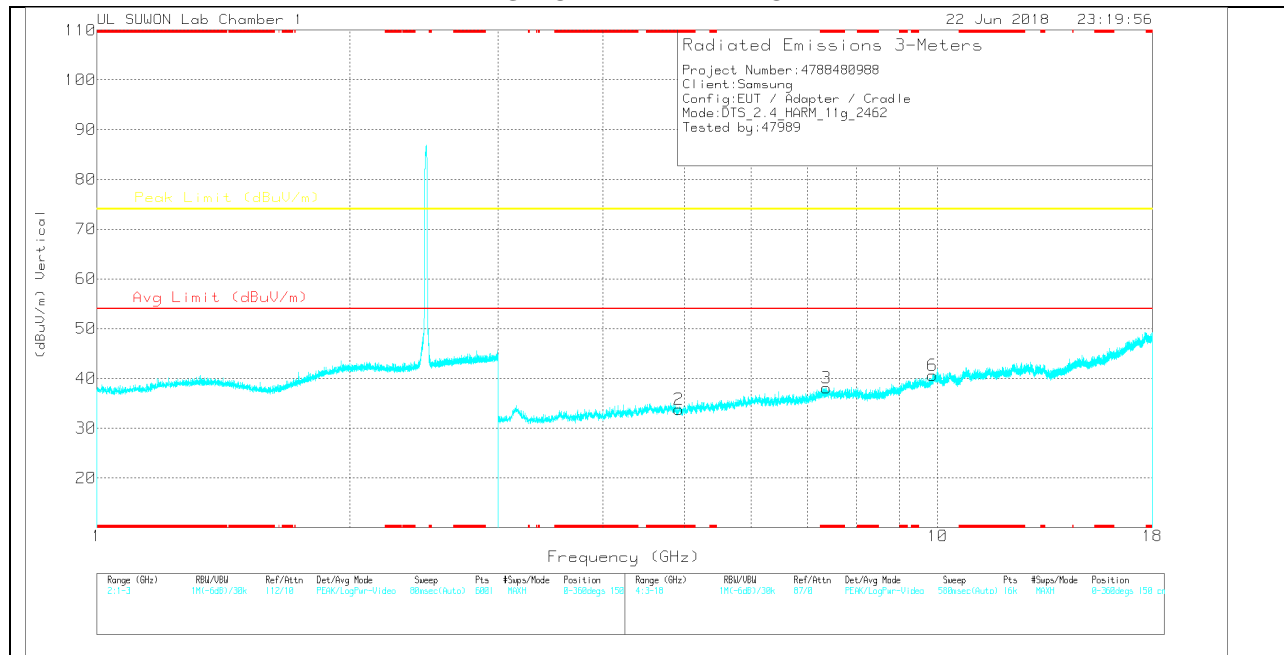
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band
PK – Peak detector

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	20170531_3117_001687 17	3GHz_HP(dB)_170809	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	* 4.913	32.32	PK	33.8	-31.8	0	34.32	-	-	74	-39.68	0-360	150	H
4	* 7.378	29.02	PK	35.9	-27.2	0	37.72	-	-	74	-36.28	0-360	150	H
5	9.852	25.96	PK	37	-23.4	0	39.56	-	-	74	-34.44	0-360	250	H
2	* 4.92	31.82	PK	33.8	-31.8	0	33.82	-	-	74	-40.18	0-360	150	V
3	* 7.373	29.44	PK	35.9	-27.2	0	38.14	-	-	74	-35.86	0-360	250	V
6	9.856	26.92	PK	37	-23.3	0	40.62	-	-	74	-33.38	0-360	150	V

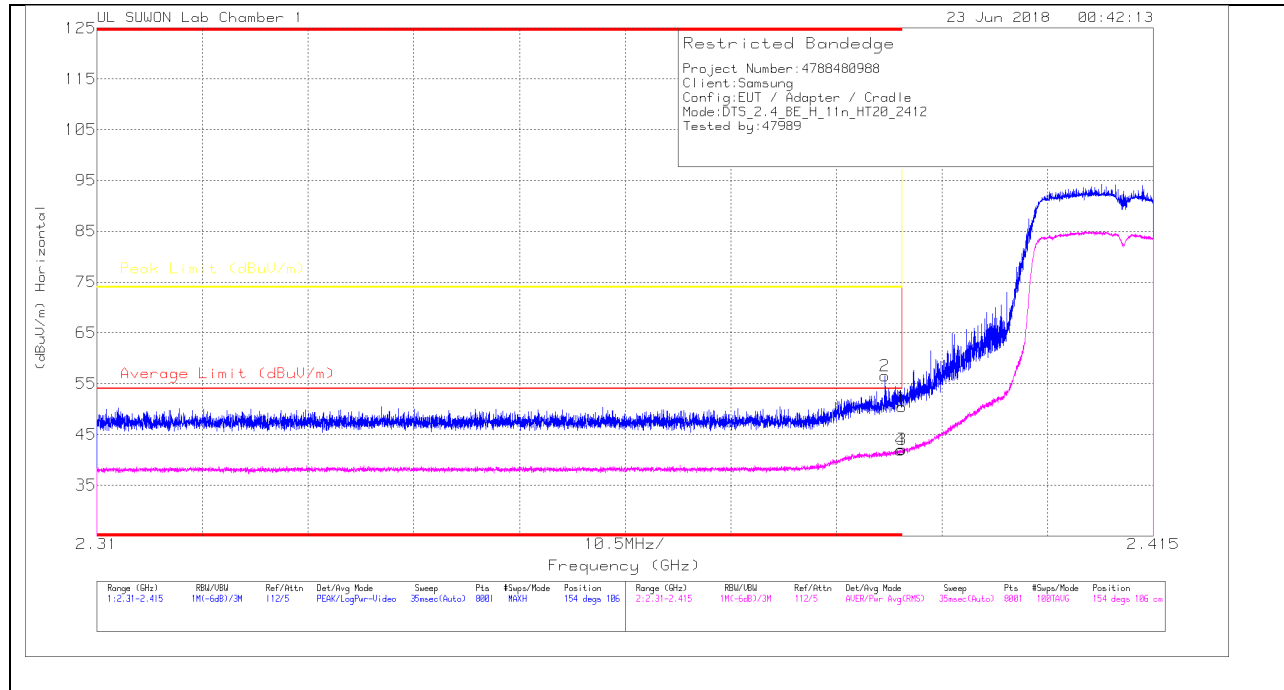
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band
PK – Peak detector

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

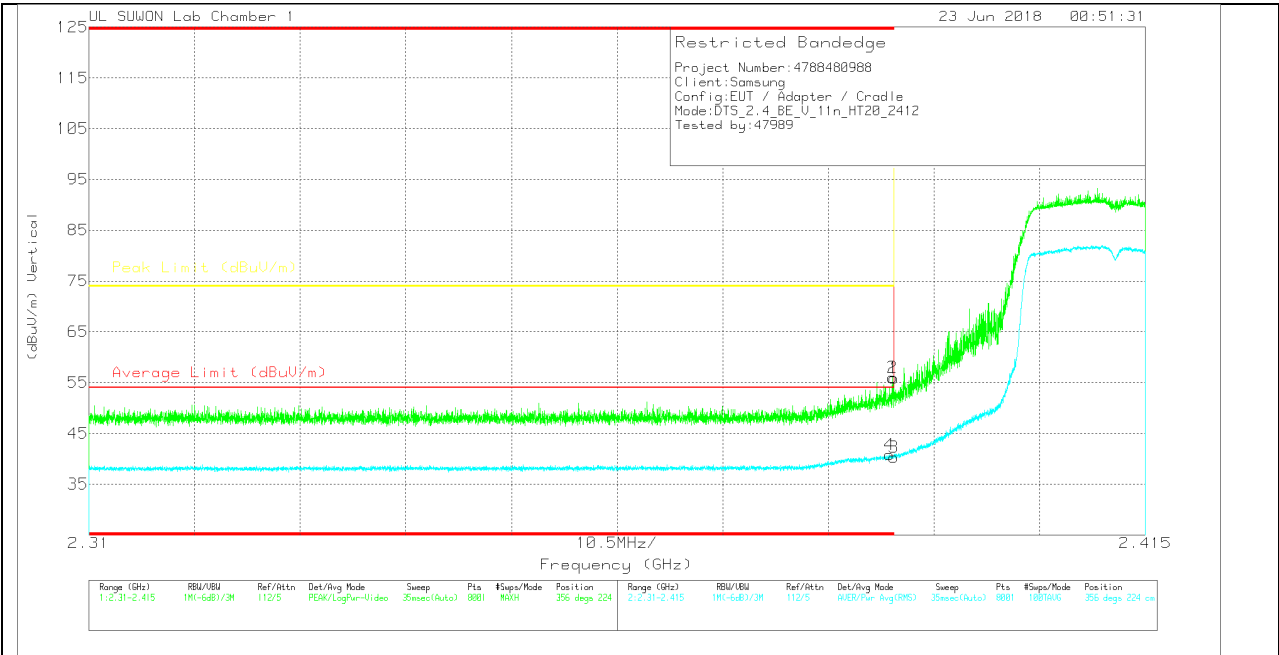
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	20170531_3117_00108 717	10dB_ATT(dB)_170809	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.39	44.86	Pk	31.3	-25.7	0	50.46	-	-	74	-23.54	154	106	H
2	* 2.388	50.88	Pk	31.3	-25.7	0	56.48	-	-	74	-17.52	154	106	H
3	* 2.39	36.23	RMS	31.3	-25.7	.16	41.99	54	-12.01	-	-	154	106	H
4	* 2.39	36.18	RMS	31.3	-25.7	.16	41.94	54	-12.06	-	-	154	106	H

* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

Pk - Peak detector

RMS - RMS detection

VERTICAL PEAK AND AVERAGE PLOT



VERTICAL DATA

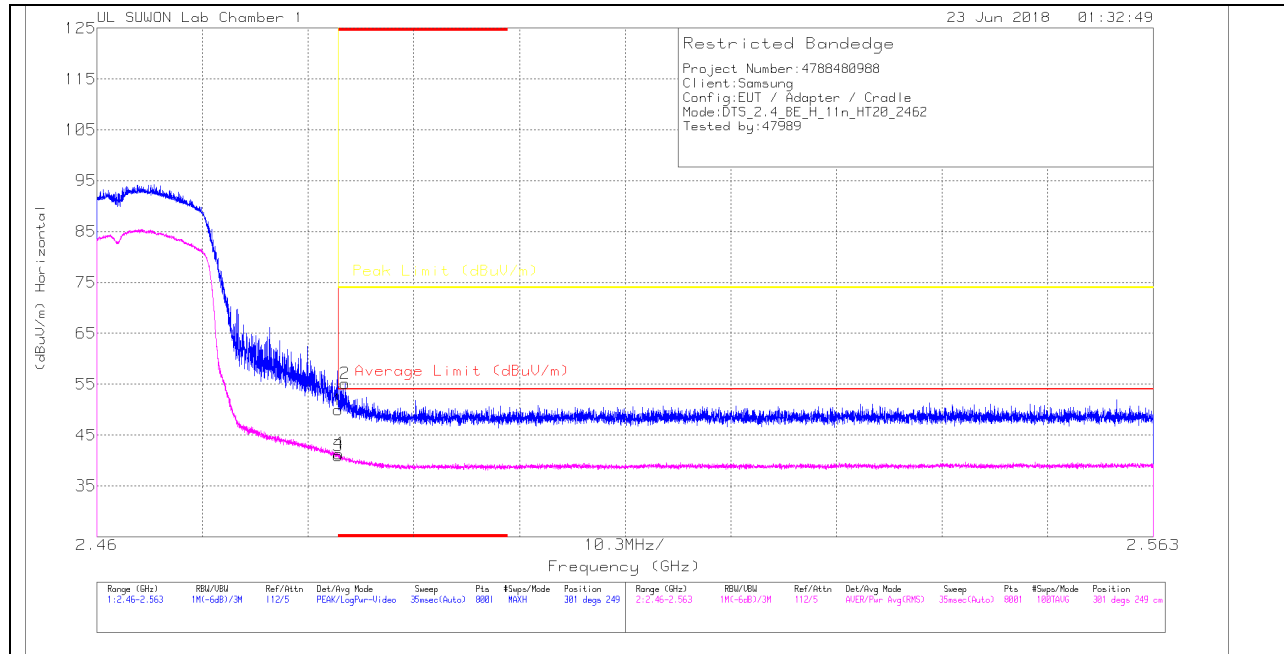
Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	20170531_3117_00168 717	10dB_ATT(dB)_170809	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	* 2.39	50.29	Pk	31.3	-25.7	0	55.89	-	-	74	-18.11	356	224	V
2	* 2.39	50.39	Pk	31.3	-25.7	0	55.99	-	-	74	-18.01	356	224	V
3	* 2.39	34.56	RMS	31.3	-25.7	.16	40.32	54	-13.68	-	-	356	224	V
4	* 2.39	34.99	RMS	31.3	-25.7	.16	40.75	54	-13.25	-	-	356	224	V

* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band
Pk - Peak detector
RMS - RMS detection

AUTHORIZED BANDEDGE (HIGH CHANNEL)

HORIZONTAL PEAK AND AVERAGE PLOT



HORIZONTAL DATA

Trace Markers

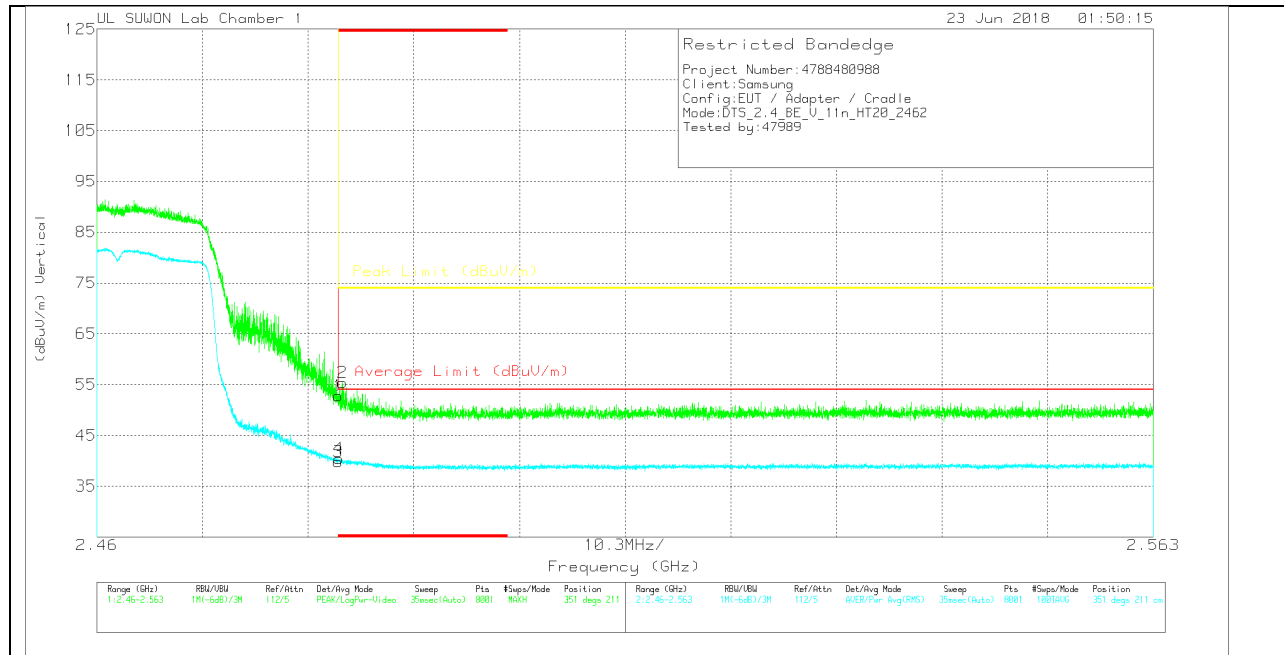
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	20170531_3117_00108 717	10dB_ATT(dB)_170809	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Altitude (Degs)	Height (cm)	Polarity
1	* 2.484	43.83	Pk	31.6	-25.5	0	49.93	-	-	74	-24.07	301	249	H
2	* 2.484	49.01	Pk	31.6	-25.5	0	55.11	-	-	74	-18.89	301	249	H
3	* 2.484	34.61	RMS	31.6	-25.5	.16	40.87	54	-13.13	-	-	301	249	H
4	* 2.484	35.1	RMS	31.6	-25.5	.16	41.36	54	-12.64	-	-	301	249	H

* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

Pk - Peak detector

RMS - RMS detection

VERTICAL PEAK AND AVERAGE PLOT



VERTICAL DATA

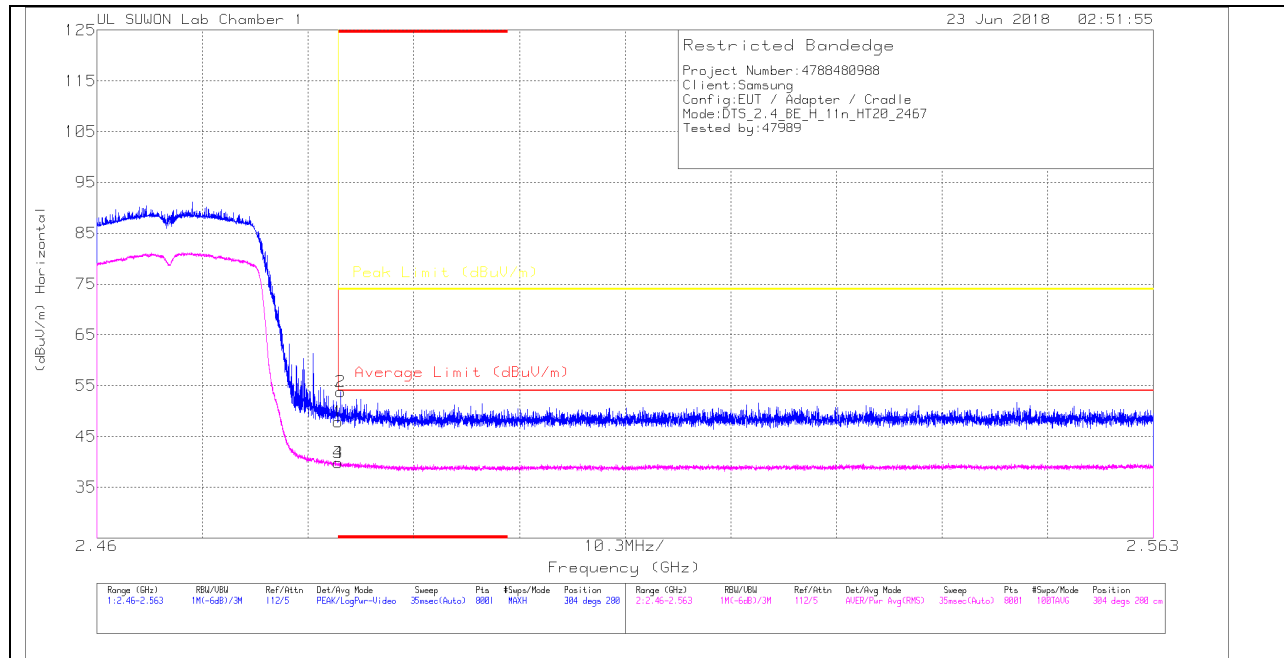
Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	20170531_3117_00168 717	10dB_ATT(dB)_170809	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	46.68	PK	31.6	-25.5	0	52.78	-	-	74	-21.22	351	211	V
2	* 2.484	49.3	PK	31.6	-25.5	0	55.4	-	-	74	-18.6	351	211	V
3	* 2.484	33.59	RMS	31.6	-25.5	.16	39.85	54	-14.15	-	-	351	211	V
4	* 2.484	34.12	RMS	31.6	-25.5	.16	40.38	54	-13.62	-	-	351	211	V

* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

PK - Peak detector

RMS - RMS detection

AUTHORIZED BANDEDGE (12 CHANNEL)**HORIZONTAL PEAK AND AVERAGE PLOT****HORIZONTAL DATA****Trace Markers**

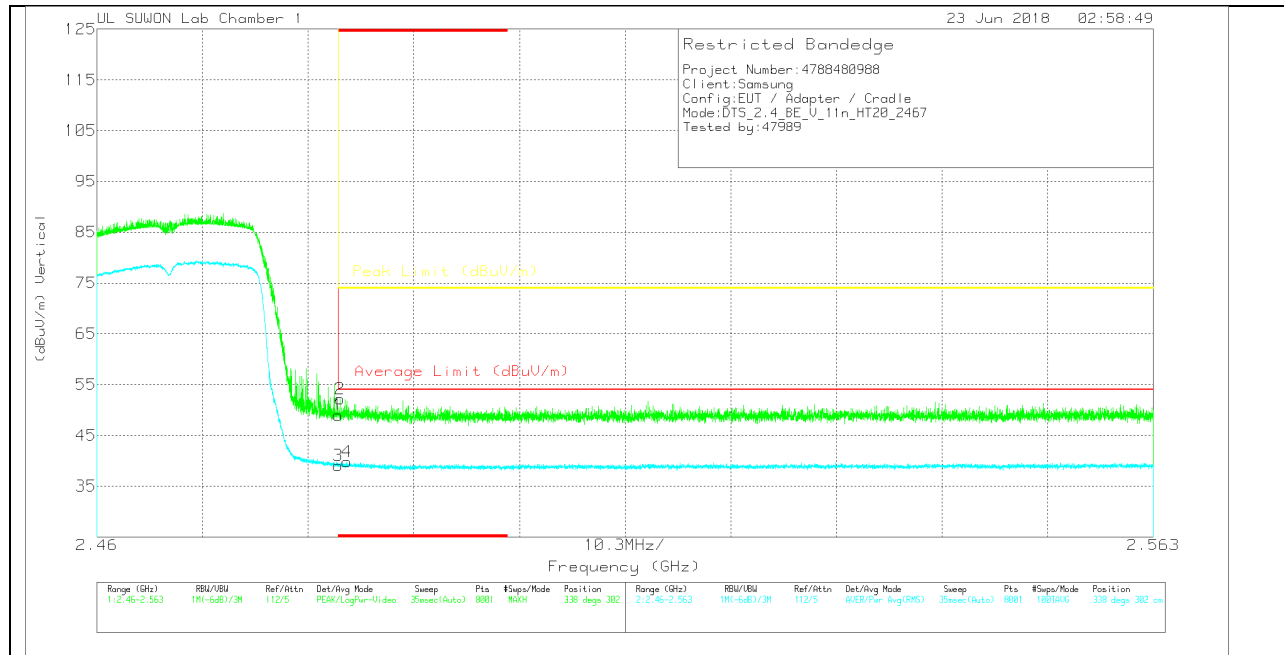
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	20170531_3117_00108 717	10dB_ATT(dB)_170809	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Altitude (Degs)	Height (cm)	Polarity
1	* 2.484	41.8	Pk		-25.5	0	47.9	-	-	74	-26.1	304	280	H
2	* 2.484	47.69	Pk		-25.5	0	53.79	-	-	74	-20.21	304	280	H
3	* 2.484	33.55	RMS		-25.5	.16	39.81	54	-14.19	-	-	304	280	H
4	* 2.484	33.6	RMS		-25.5	.16	39.86	54	-14.14	-	-	304	280	H

* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

Pk - Peak detector

RMS - RMS detection

VERTICAL PEAK AND AVERAGE PLOT



VERTICAL DATA

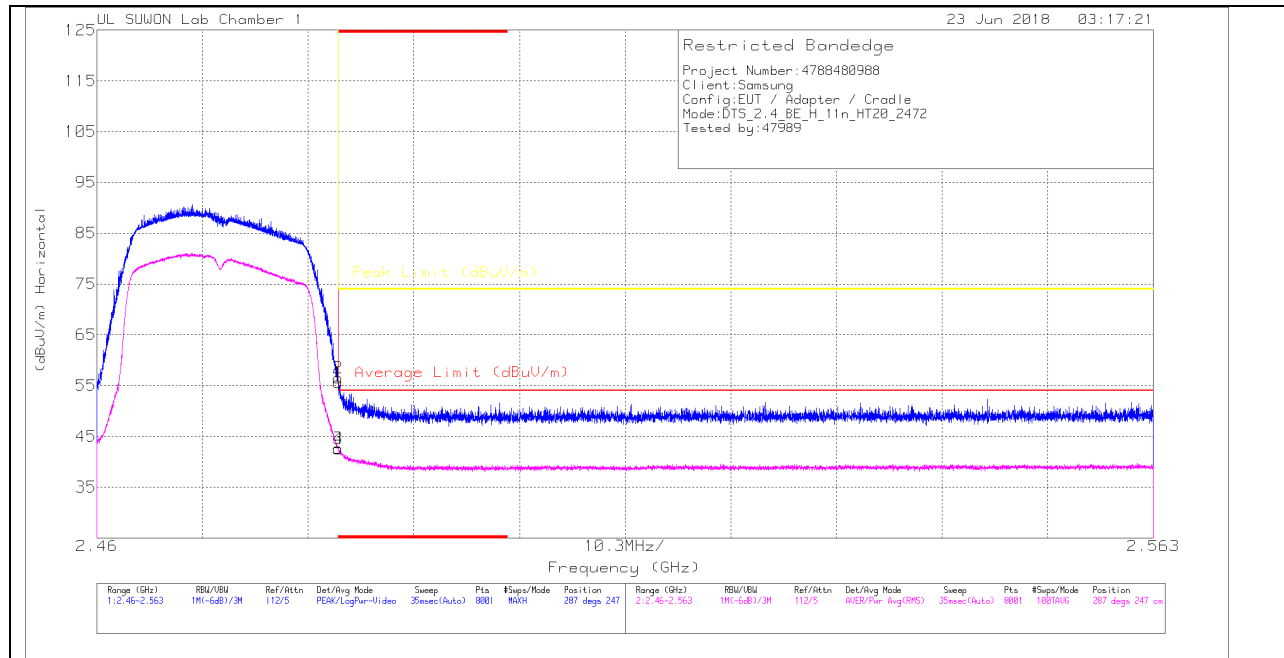
Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	20170531_3117_00108 717	10dB_ATT(dB)_170809	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	42.93	PK	31.6	-25.5	0	49.03	-	-	74	-24.97	338	302	V
2	* 2.484	46.12	PK	31.6	-25.5	0	52.22	-	-	74	-21.78	338	302	V
3	* 2.484	32.82	RMS	31.6	-25.5	.16	39.08	54	-14.92	-	-	338	302	V
4	* 2.484	33.51	RMS	31.6	-25.5	.16	39.77	54	-14.23	-	-	338	302	V

* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

PK - Peak detector

RMS - RMS detection

AUTHORIZED BANDEDGE (13 CHANNEL)**HORIZONTAL PEAK AND AVERAGE PLOT****HORIZONTAL DATA****Trace Markers**

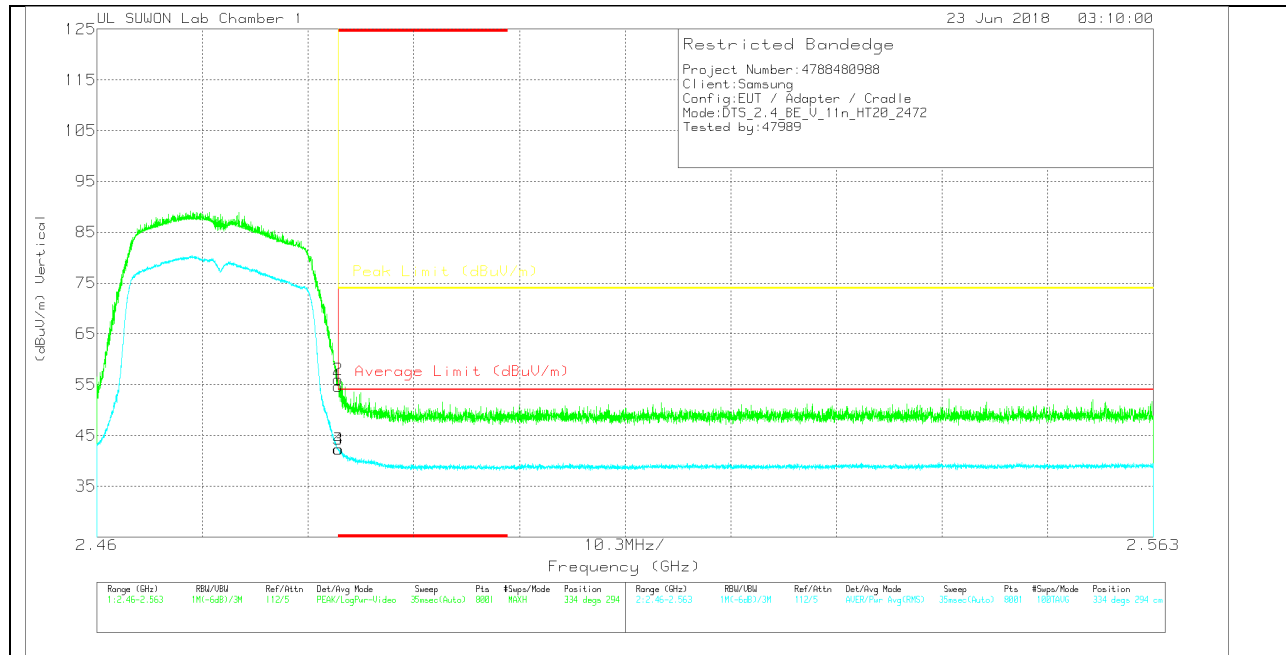
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	20170531_3117_00108 717	10dB_ATT(dB)_170809	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Altitude (Degs)	Height (cm)	Polarity
1	* 2.484	49.58	Pk		-25.5	0	55.68	-	-	74	-18.32	287	247	H
2	* 2.484	50.42	Pk		-25.5	0	56.52	-	-	74	-17.48	287	247	H
3	* 2.484	36.41	RMS		-25.5	.16	42.67	54	-11.33	-	-	287	247	H
4	* 2.484	36.24	RMS		-25.5	.16	42.5	54	-11.5	-	-	287	247	H

* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

Pk - Peak detector

RMS - RMS detection

VERTICAL PEAK AND AVERAGE PLOT



VERTICAL DATA

Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	20170531_3117_00108 717	10dB_ATT(dB)_170809	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	48.5	Pk	31.6	-25.5	0	54.6	-	-	74	-19.4	334	294	V
2	* 2.484	49.91	Pk	31.6	-25.5	0	56.01	-	-	74	-17.99	334	294	V
3	* 2.484	36.02	RMS	31.6	-25.5	.16	42.28	54	-11.72	-	-	334	294	V
4	* 2.484	35.98	RMS	31.6	-25.5	.16	42.24	54	-11.76	-	-	334	294	V

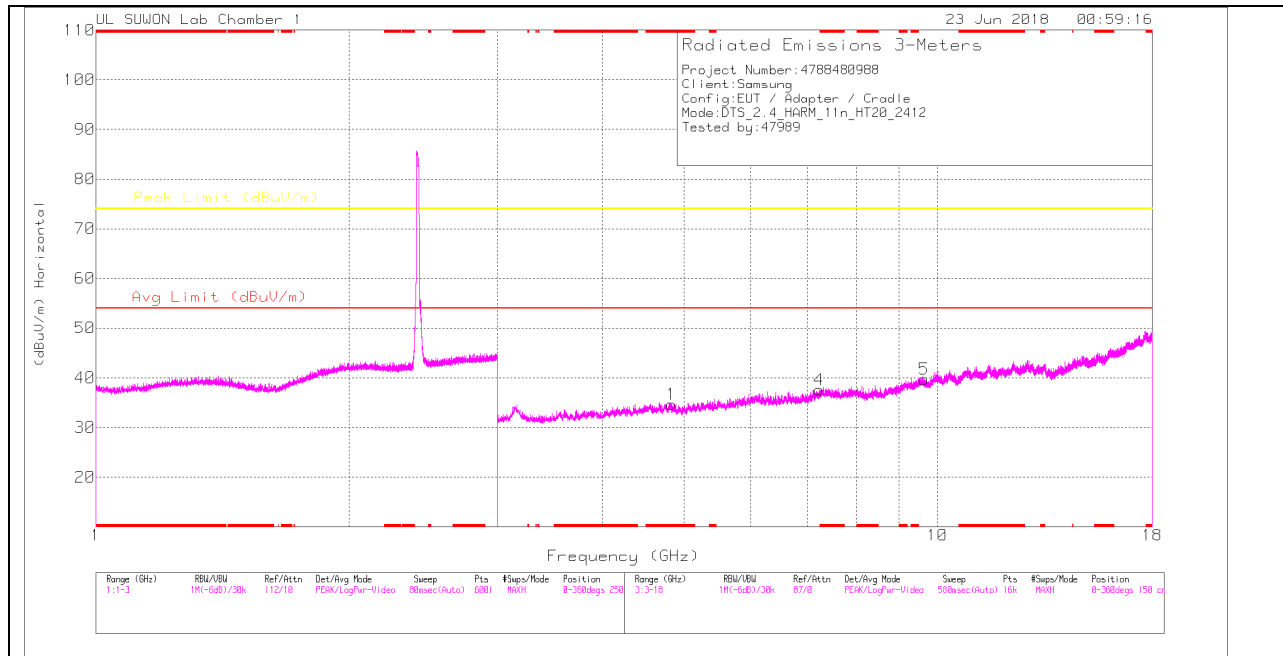
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

Pk - Peak detector

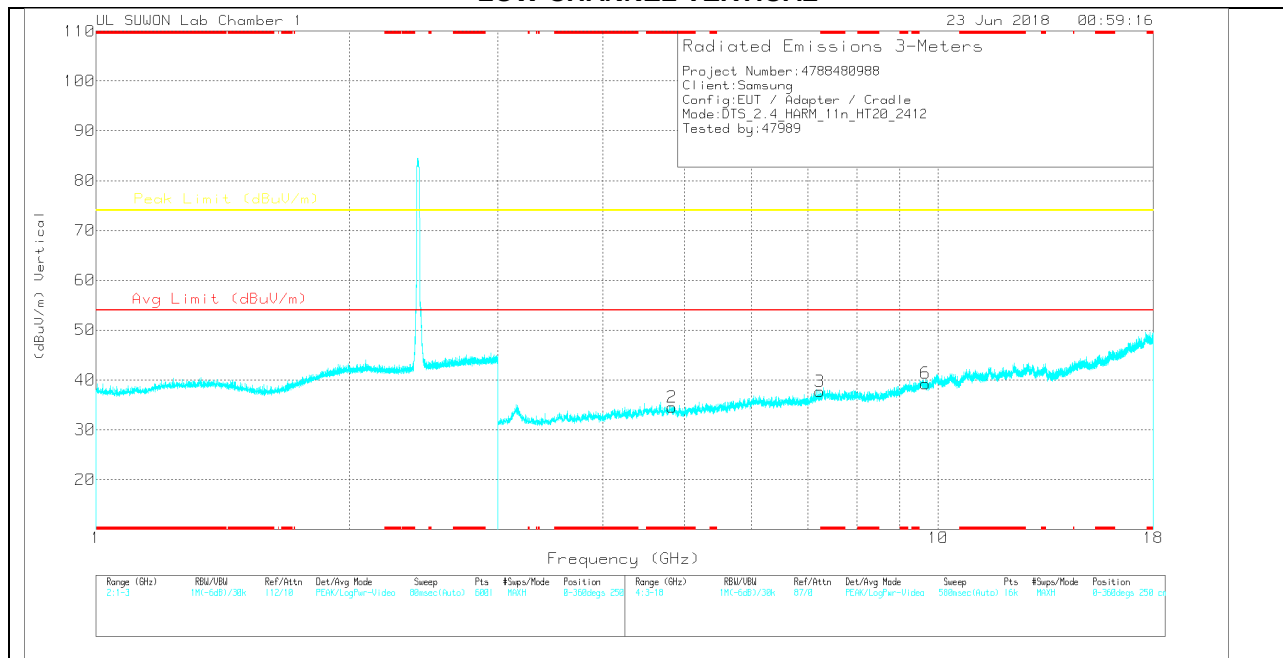
RMS - RMS detection

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

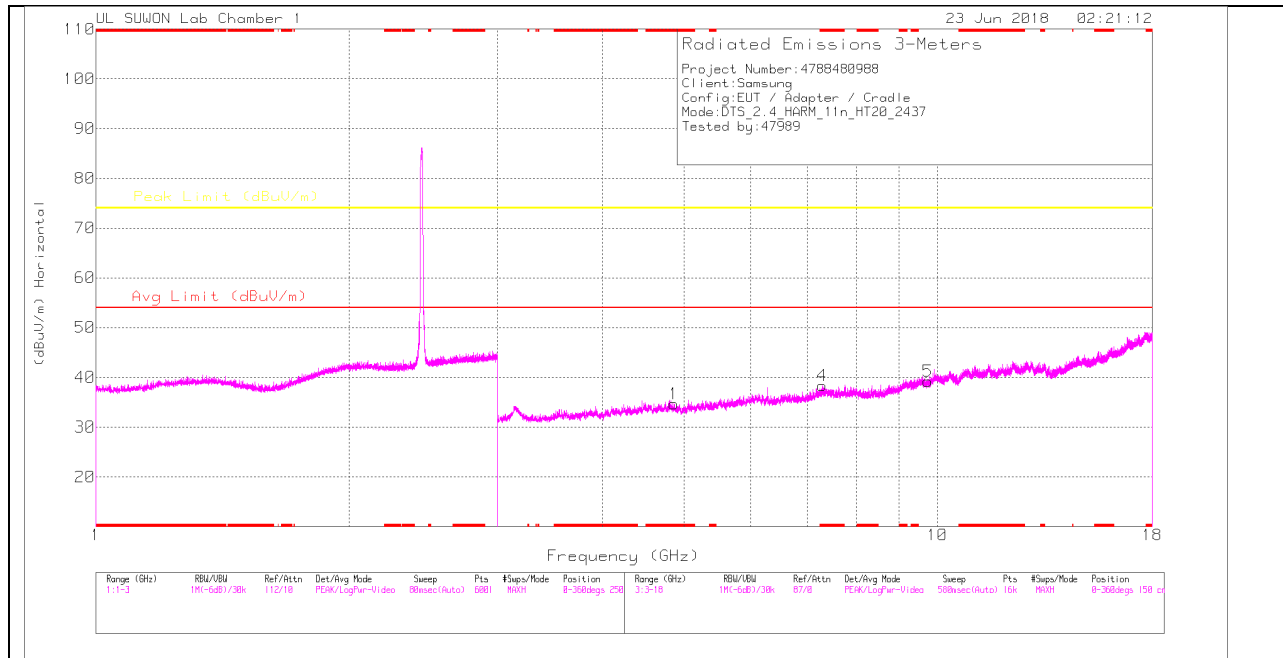
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	20170531_3117_001687 17	3GHz_HP(dB)_170809	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 4.831	32.49	PK	33.8	-31.6	0	34.69	-	-	74	-39.31	0-360	150	H
4	7.233	29.63	PK	35.9	-28	0	37.53	-	-	74	-36.47	0-360	150	H
5	9.643	26.55	PK	36.8	-23.6	0	39.75	-	-	74	-34.25	0-360	250	H
2	* 4.827	32.33	PK	33.8	-31.6	0	34.53	-	-	74	-39.47	0-360	150	V
3	7.238	29.82	PK	35.9	-28	0	37.72	-	-	74	-36.28	0-360	250	V
6	9.651	26.19	PK	36.8	-23.7	0	39.29	-	-	74	-34.71	0-360	250	V

* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

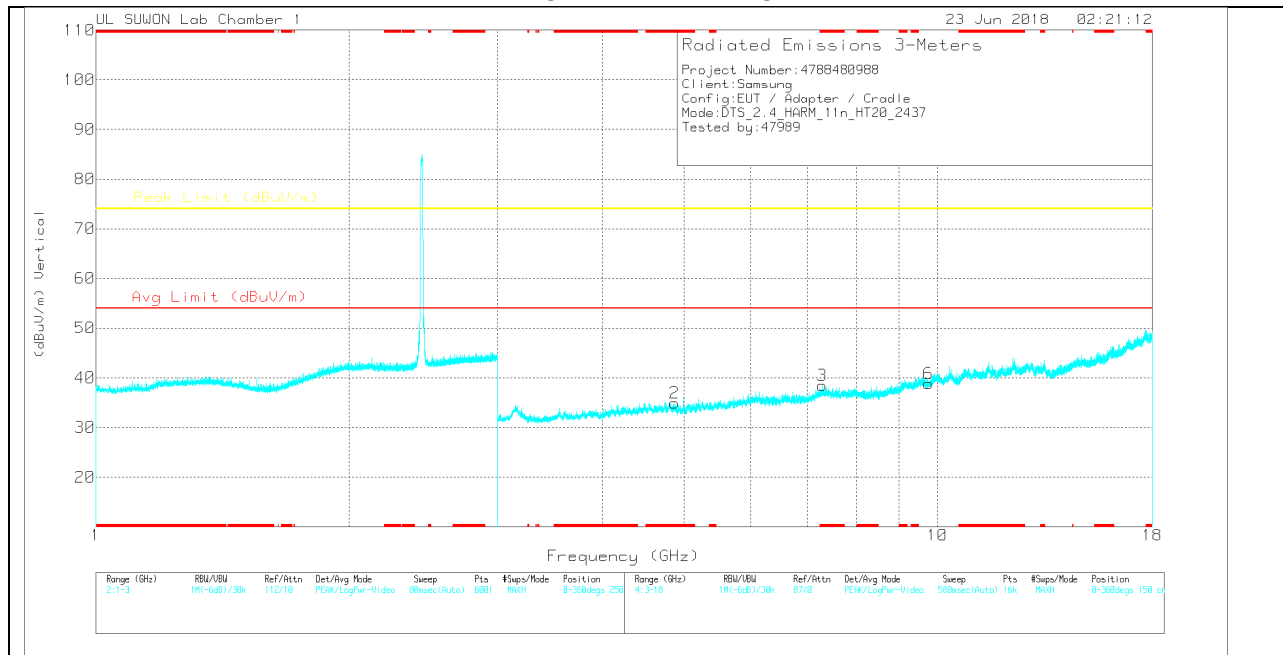
PK – Peak detector

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

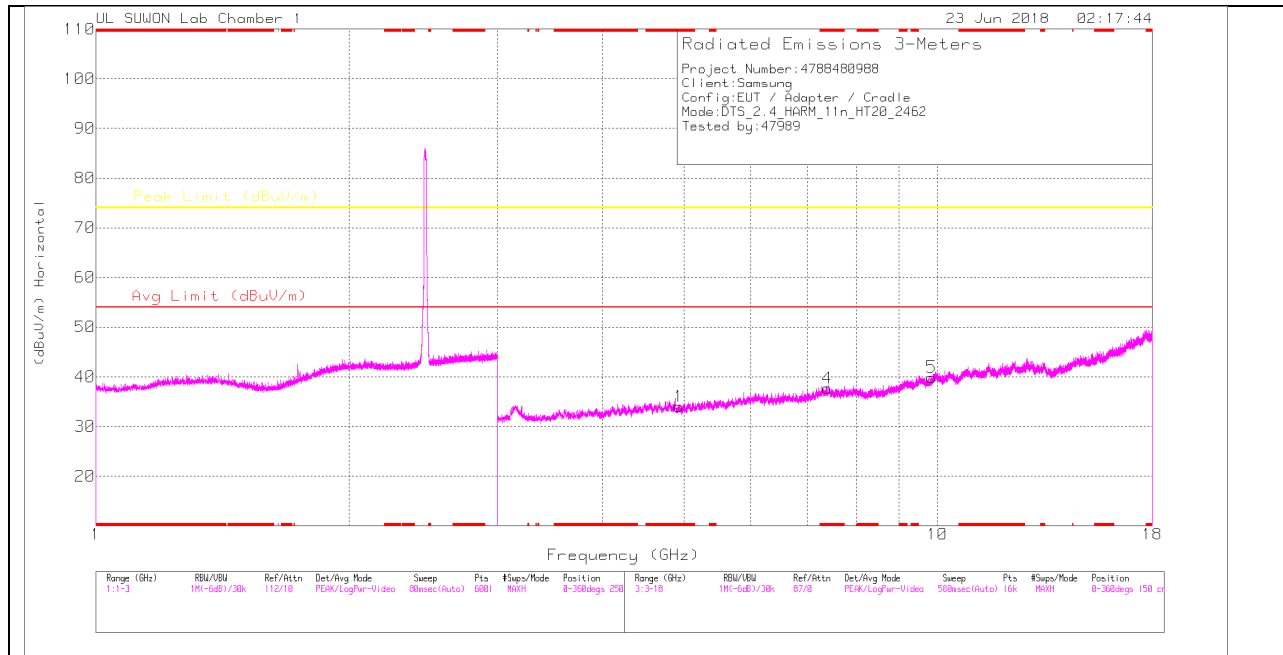
Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	20170531_3117_001687 17	3GHz_HP(dB)_170809	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	* 4.866	32.52	PK	33.8	-31.7	0	34.62	-	-	74	-39.38	0-360	250	H
4	* 7.299	30.19	PK	35.9	-27.8	0	38.29	-	-	74	-35.71	0-360	250	H
5	9.747	26.5	PK	36.9	-24.2	0	39.2	-	-	74	-34.8	0-360	250	H
2	* 4.869	32.87	PK	33.8	-31.7	0	34.97	-	-	74	-39.03	0-360	250	V
3	* 7.301	30.22	PK	35.9	-27.7	0	38.42	-	-	74	-35.58	0-360	150	V
6	9.751	26.15	PK	36.9	-24.2	0	38.85	-	-	74	-35.15	0-360	250	V

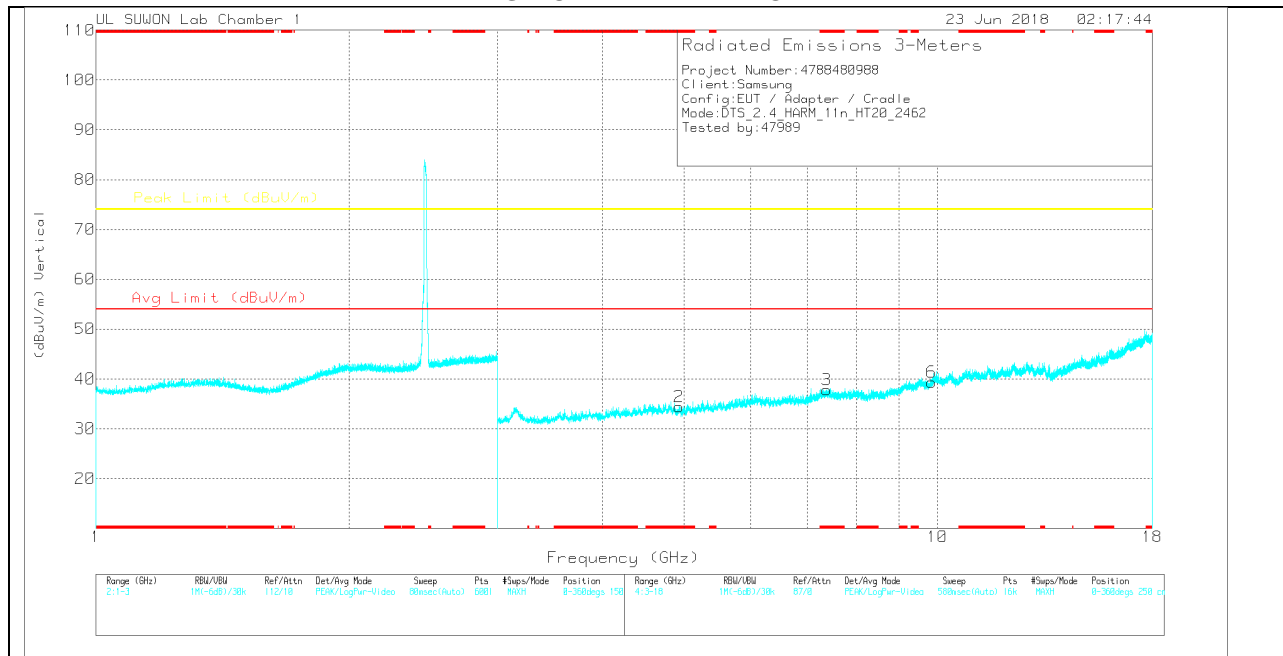
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band
PK – Peak detector

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	20170531_3117_001687 17	3GHz_HP(dB)_170809	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	* 4.928	32.05	PK	33.8	-31.8	0	34.05	-	-	74	-39.95	0-360	150	H
4	* 7.399	28.92	PK	35.9	-27.1	0	37.72	-	-	74	-36.28	0-360	150	H
5	9.849	26.32	PK	37	-23.4	0	39.92	-	-	74	-34.08	0-360	150	H
2	* 4.928	32.4	PK	33.8	-31.8	0	34.4	-	-	74	-39.6	0-360	150	V
3	* 7.391	29.13	PK	35.9	-27.2	0	37.83	-	-	74	-36.17	0-360	150	V
6	9.848	25.77	PK	37	-23.4	0	39.37	-	-	74	-34.63	0-360	150	V

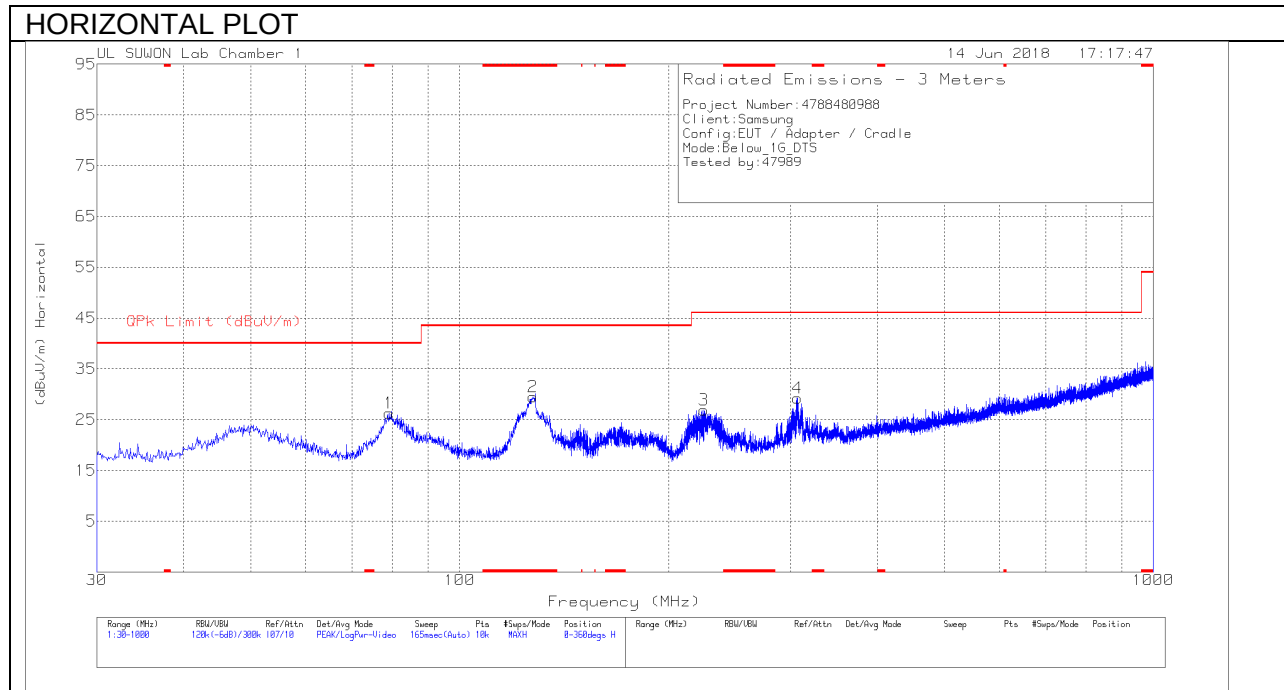
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

PK – Peak detector

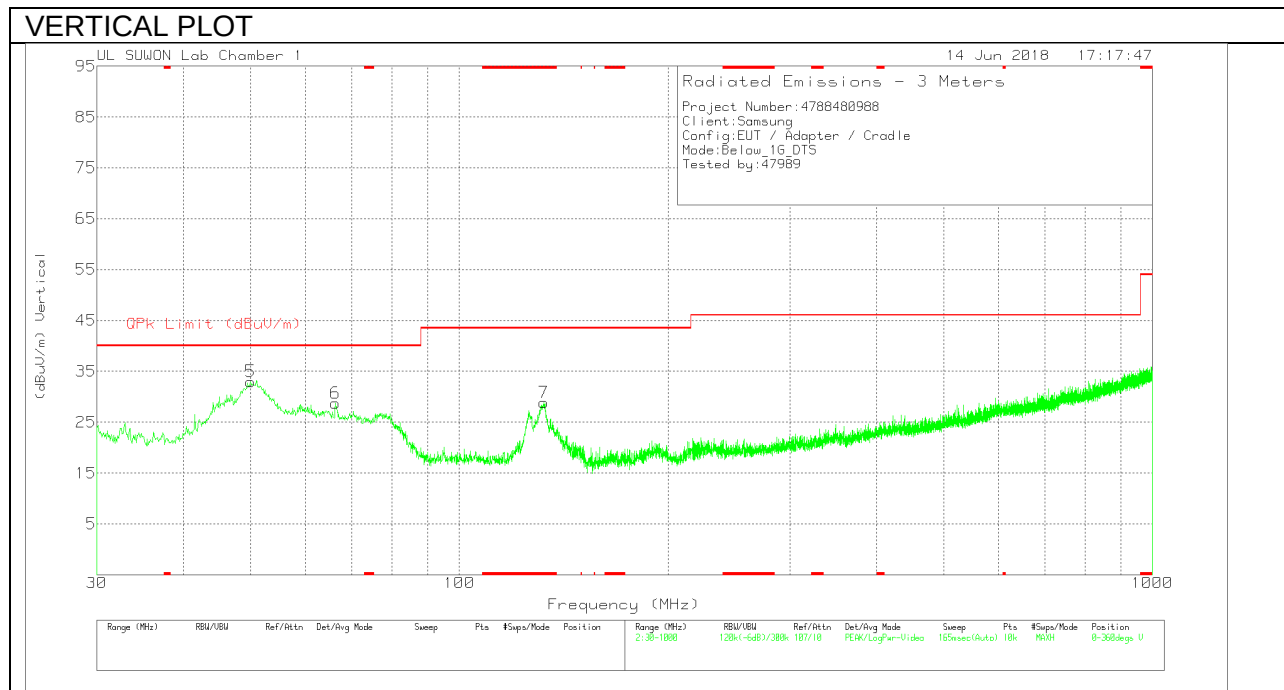
Note: Only peak measurement was performed. Because peak measurement result of unwanted emission is less than average limit (54dBuV/m).

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	750_20170831	30-1000MHz[dB]	Corrected Reading (dBuV/m)	QPk Limit (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	79.179	42.13	Pk	12.8	-28.7	26.23	40	-13.77	0-360	200	H
2	* 127.485	42.89	Pk	14.7	-28.1	29.49	43.52	-14.03	0-360	200	H
3	225.067	36.74	Pk	17.6	-27.5	26.84	46.02	-19.18	0-360	100	H
4	307.032	36.86	Pk	19.3	-26.9	29.26	46.02	-16.76	0-360	100	H
5	49.982	42.4	Pk	19.9	-29.3	33	40	-7	0-360	100	V
6	66.278	41.21	Pk	16.5	-29	28.71	40	-11.29	0-360	100	V
7	* 132.335	42.77	Pk	14.2	-28.1	28.87	43.52	-14.65	0-360	100	V

* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

Pk - Peak detector

12. 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

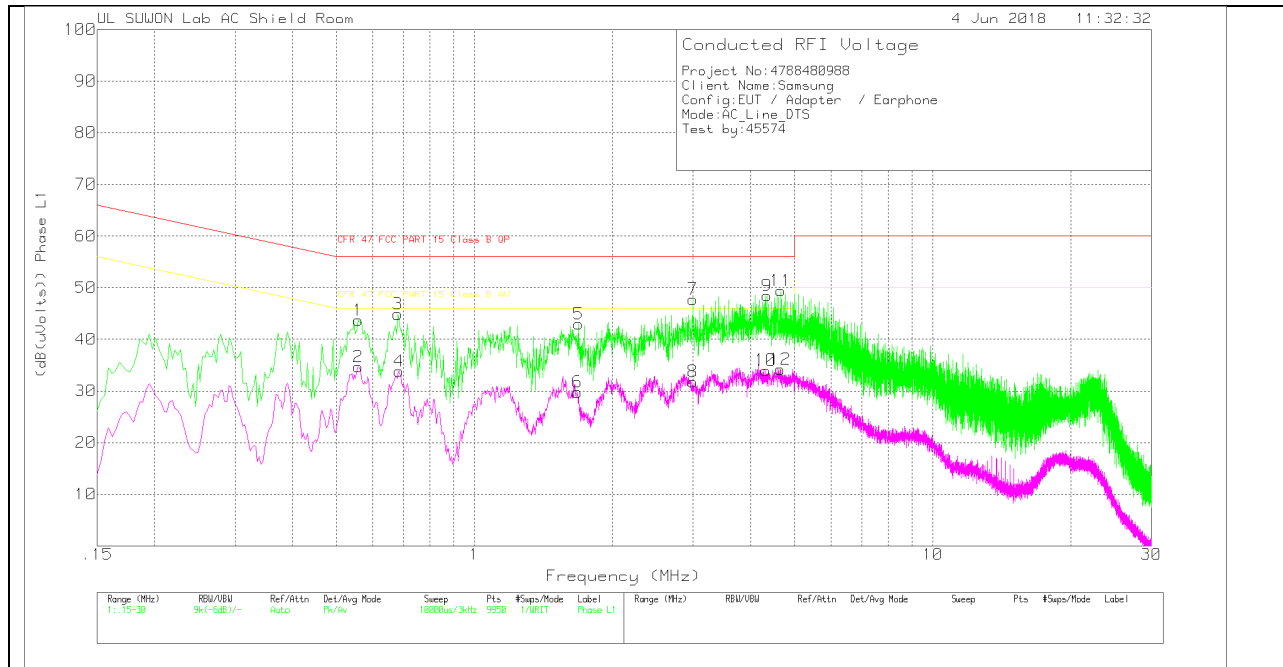
^{*} Decreases with the logarithm of the frequency.

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**WORST EMISSIONS****LINE 1 PLOT**

LINE 1 RESULTS

Trace Markers

Range 1: Phase L1 .15 - 30MHz

Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	101837_L1_with extension	CABLELOSS(dB)	Corrected Reading (dB(uVolts))	CFR 47 FCC PART 15 Class B QP	Margin (dB)	CFR 47 FCC PART 15 Class B AV	Margin (dB)
1	.558	33.7	Pk	9.8	.2	43.7	56	-12.3	-	-
2	.558	24.68	Av	9.8	.2	34.68	-	-	46	-11.32
3	.681	34.88	Pk	9.8	.2	44.88	56	-11.12	-	-
4	.684	23.91	Av	9.7	.2	33.81	-	-	46	-12.19
5	1.689	32.75	Pk	9.9	.3	42.95	56	-13.05	-	-
6	1.677	19.56	Av	9.9	.3	29.76	-	-	46	-16.24
7	2.994	37.66	Pk	9.8	.3	47.76	56	-8.24	-	-
8	2.994	21.69	Av	9.8	.3	31.79	-	-	46	-14.21
9	4.344	38.45	Pk	9.7	.3	48.45	56	-7.55	-	-
10	4.32	24	Av	9.7	.3	34	-	-	46	-12
11	4.659	39.41	Pk	9.7	.3	49.41	56	-6.59	-	-
12	4.65	24.21	Av	9.7	.3	34.21	-	-	46	-11.79

Pk - Peak detector

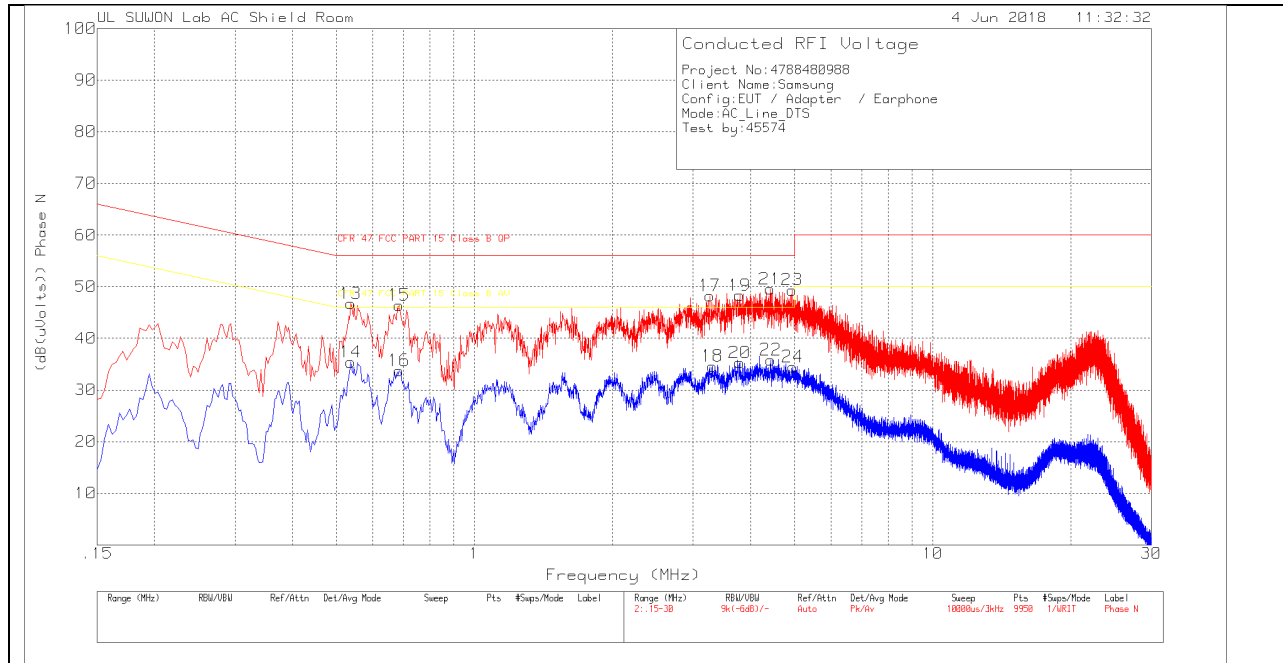
Av - Average detection

Quasi-Peak Emissions

Range 1: Phase L1 .15 - 30MHz

Frequency (MHz)	Meter Reading (dBuV)	Det	101837_L1_with extension	CABLELOSS(dB)	Corrected Reading (dB(uVolts))	CFR 47 FCC PART 15 Class B QP	Margin (dB)	CFR 47 FCC PART 15 Class B AV	Margin (dB)
1.68915	25.38	Qp	9.9	.3	35.58	56	-20.42	-	-
2.99415	28.34	Qp	9.8	.3	38.44	56	-17.56	-	-
4.34415	29.95	Qp	9.7	.3	39.95	56	-16.05	-	-
4.65825	29.9	Qp	9.7	.3	39.9	56	-16.1	-	-

Qp - Quasi-Peak detector

LINE 2 PLOT

LINE 2 RESULTS

Trace Markers

Range 2: Phase N .15 - 30MHz

Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	101837_N_with extension	CABLELOSS(dB)	Corrected Reading (dB(uVolts))	CFR 47 FCC PART 15 Class B QP	Margin (dB)	CFR 47 FCC PART 15 Class B AV	Margin (dB)
13	.537	36.75	Pk	9.8	.2	46.75	56	-9.25	-	-
14	.537	25.38	Av	9.8	.2	35.38	-	-	46	-10.62
15	.684	36.42	Pk	9.8	.2	46.42	56	-9.58	-	-
16	.684	23.75	Av	9.8	.2	33.75	-	-	46	-12.25
17	3.264	38.14	Pk	9.8	.3	48.24	56	-7.76	-	-
18	3.303	24.51	Av	9.8	.3	34.61	-	-	46	-11.39
19	3.792	38.22	Pk	9.8	.3	48.32	56	-7.68	-	-
20	3.792	25.17	Av	9.8	.3	35.27	-	-	46	-10.73
21	4.413	39.43	Pk	9.8	.3	49.53	56	-6.47	-	-
22	4.434	25.7	Av	9.8	.3	35.8	-	-	46	-10.2
23	4.932	39.26	Pk	9.8	.3	49.36	56	-6.64	-	-
24	4.947	24.37	Av	9.8	.3	34.47	-	-	46	-11.53

Pk - Peak detector

Av - Average detection

Quasi-Peak Emissions

Range 2: Phase N .15 - 30MHz

Frequency (MHz)	Meter Reading (dBuV)	Det	101837_N_with extension	CABLELOSS(dB)	Corrected Reading (dB(uVolts))	CFR 47 FCC PART 15 Class B QP	Margin (dB)	CFR 47 FCC PART 15 Class B AV	Margin (dB)
.53715	32.79	Qp	9.8	.2	42.79	56	-13.21	-	-
.68475	32.69	Qp	9.8	.2	42.69	56	-13.31	-	-
3.26415	32.3	Qp	9.8	.3	42.4	56	-13.6	-	-
3.79125	33.32	Qp	9.8	.3	43.42	56	-12.58	-	-
4.41375	32.44	Qp	9.8	.3	42.54	56	-13.46	-	-
4.93215	32	Qp	9.8	.3	42.1	56	-13.9	-	-

Qp - Quasi-Peak detector