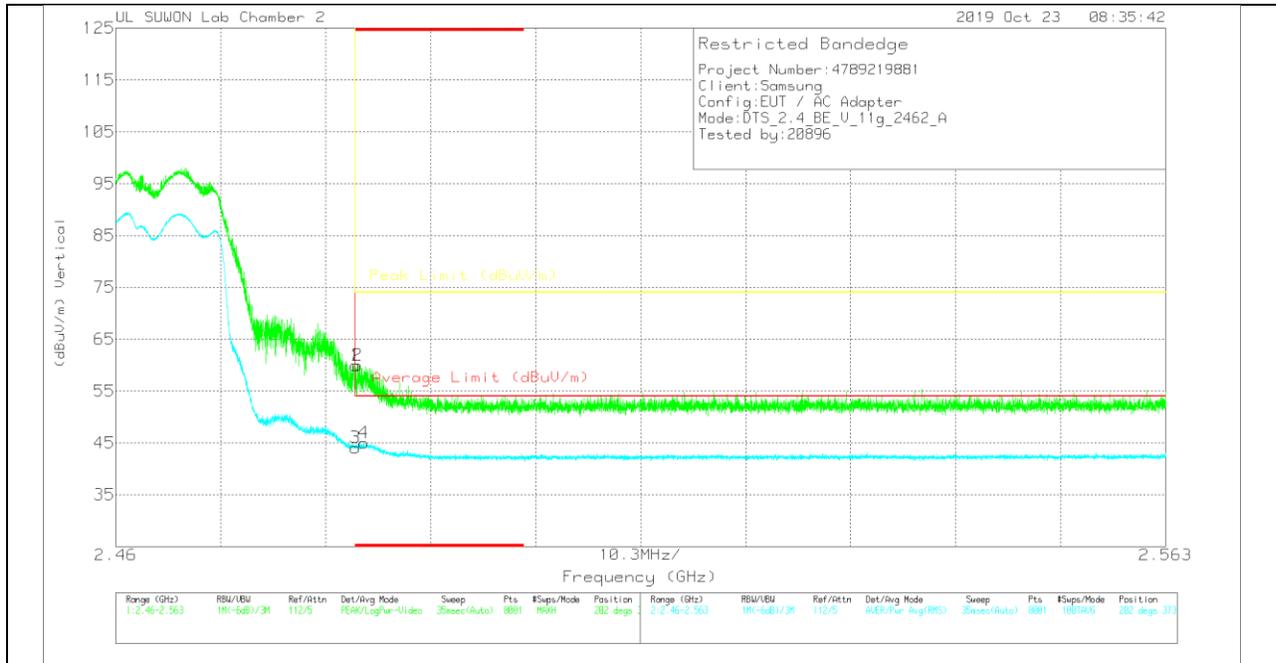


VERTICAL PEAK AND AVERAGE PLOT



VERTICAL DATA

Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	3117_00168724	10dB_ATT[dB]	DC Cor (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.48351	48.45	PK	31.9	-20.4	0	59.95	-	-	74	-14.05	202	373	V
2	* 2.48375	48.49	PK	31.9	-20.4	0	59.98	-	-	74	-14.02	202	373	V
3	* 2.48351	32.6	RMS	31.9	-20.4	0	44.1	54	-9.9	-	-	202	373	V
4	* 2.48433	33.54	RMS	31.9	-20.4	0	45.04	54	-8.96	-	-	202	373	V

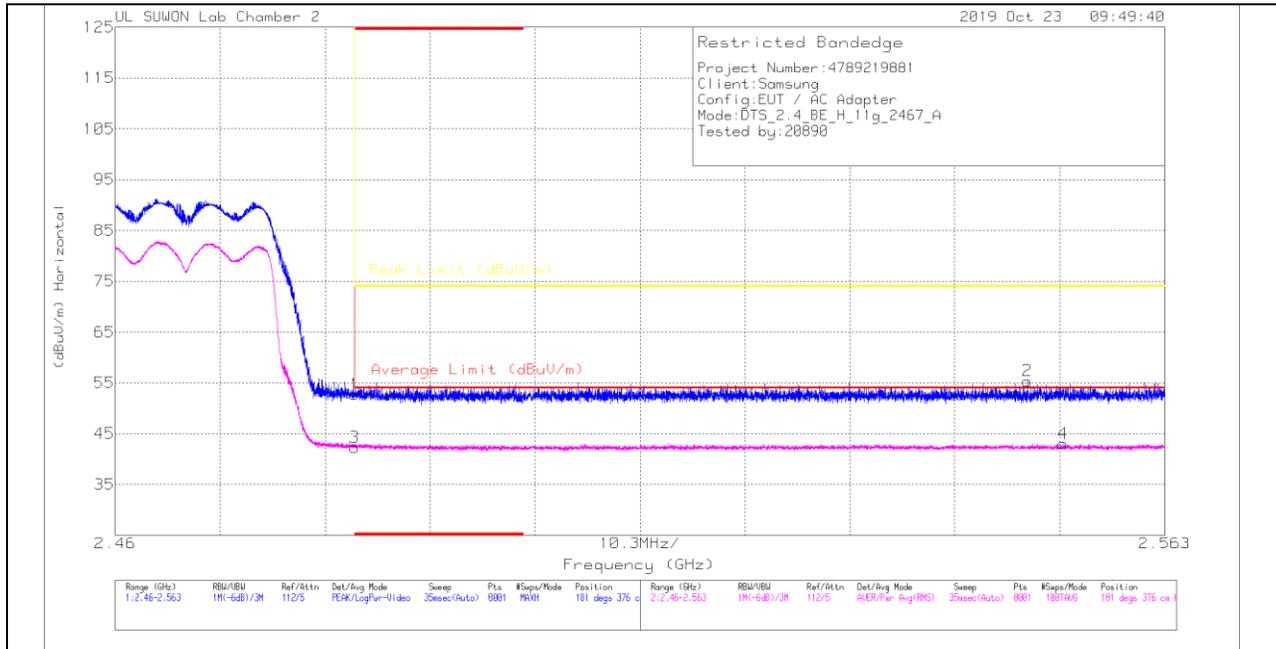
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

PK - Peak detector

RMS - RMS detection

AUTHORIZED BANDEDGE (12 CHANNEL)

HORIZONTAL PEAK AND AVERAGE PLOT



HORIZONTAL DATA

Trace Markers

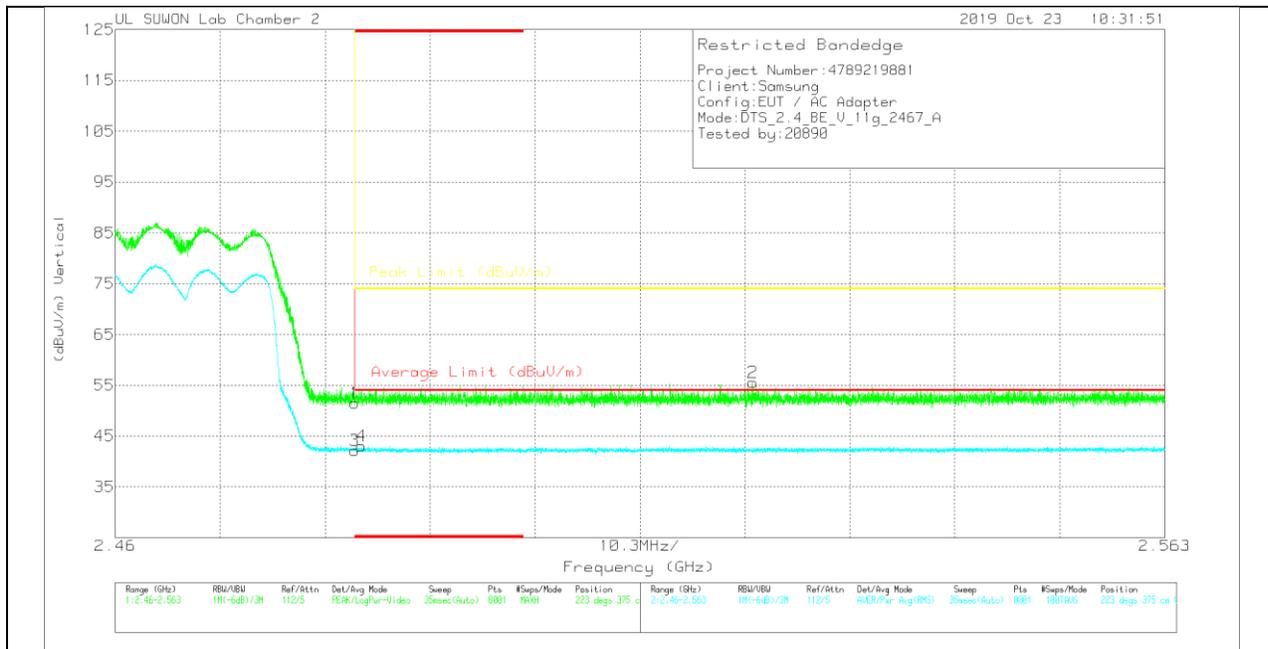
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	3117_00168724	10dB_ATT[dB]	DC Cor (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.48351	41.13	Pk	31.9	-20.4	0	52.69	-	-	74	-21.31	181	376	H
2	2.54953	43.87	Pk	32	-20.5	0	55.37	-	-	74	-18.63	181	376	H
3	* 2.48351	30.82	RMS	31.9	-20.4	0	42.32	54	-11.68	-	-	181	376	H
4	2.55301	31.48	RMS	32	-20.4	0	43.08	54	-10.92	-	-	181	376	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	3117_00168724	10dB_ATT[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	* 2.48351	39.97	Pk	31.9	-20.4	0	51.47	-	-	74	-22.53	223	375	V
2	2.52237	44.12	Pk	31.9	-20.5	0	55.52	-	-	74	-18.48	223	375	V
3	* 2.48351	30.66	RMS	31.9	-20.4	0	42.16	54	-11.84	-	-	223	375	V
4	* 2.48414	31.52	RMS	31.9	-20.4	0	43.02	54	-10.98	-	-	223	375	V

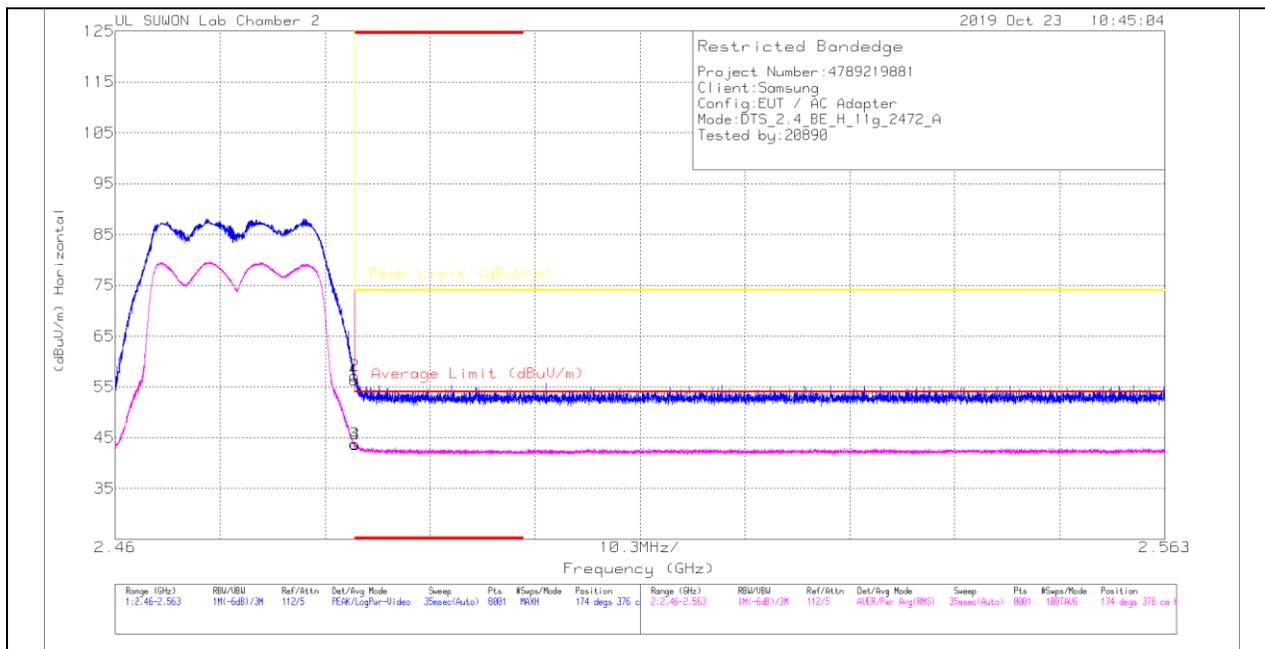
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

Pk - Peak detector

RMS - RMS detection

AUTHORIZED BANDEDGE (13 CHANNEL)

HORIZONTAL PEAK AND AVERAGE PLOT



HORIZONTAL DATA

Trace Markers

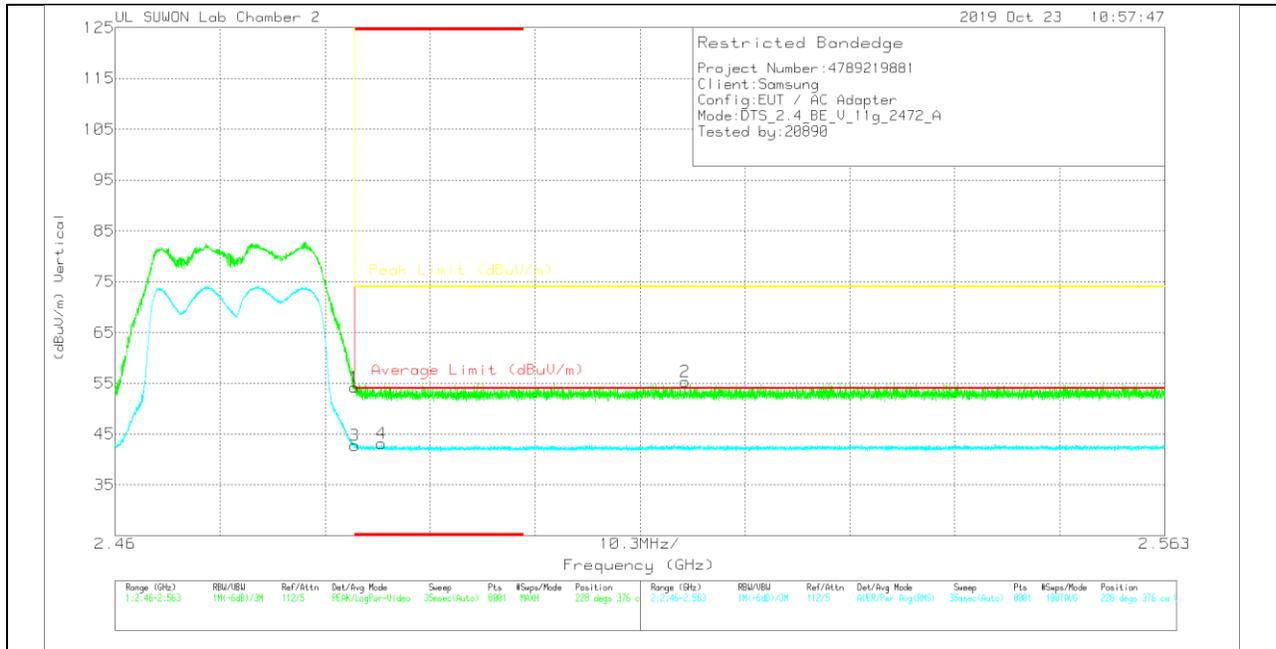
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	3117_00168724	10dB_ATT[dB]	DC Cor (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.48351	44.77	Pk	31.9	-20.4	0	56.27	-	-	74	-17.73	174	376	H
2	* 2.48352	45.62	Pk	31.9	-20.4	0	57.12	-	-	74	-16.88	174	376	H
3	* 2.48351	32.3	RMS	31.9	-20.4	0	43.8	54	-10.2	-	-	174	376	H
4	* 2.48354	32.18	RMS	31.9	-20.4	0	43.68	54	-10.32	-	-	174	376	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	3117_00168724	10dB_ATT[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	* 2.48351	42.73	Pk	31.9	-20.4	0	54.23	-	-	74	-19.77	228	376	V
2	2.5159	43.81	Pk	31.9	-20.4	0	55.31	-	-	74	-18.69	228	376	V
3	* 2.48351	31.33	RMS	31.9	-20.4	0	42.83	54	-11.17	-	-	228	376	V
4	* 2.48615	31.71	RMS	31.9	-20.5	0	43.11	54	-10.89	-	-	228	376	V

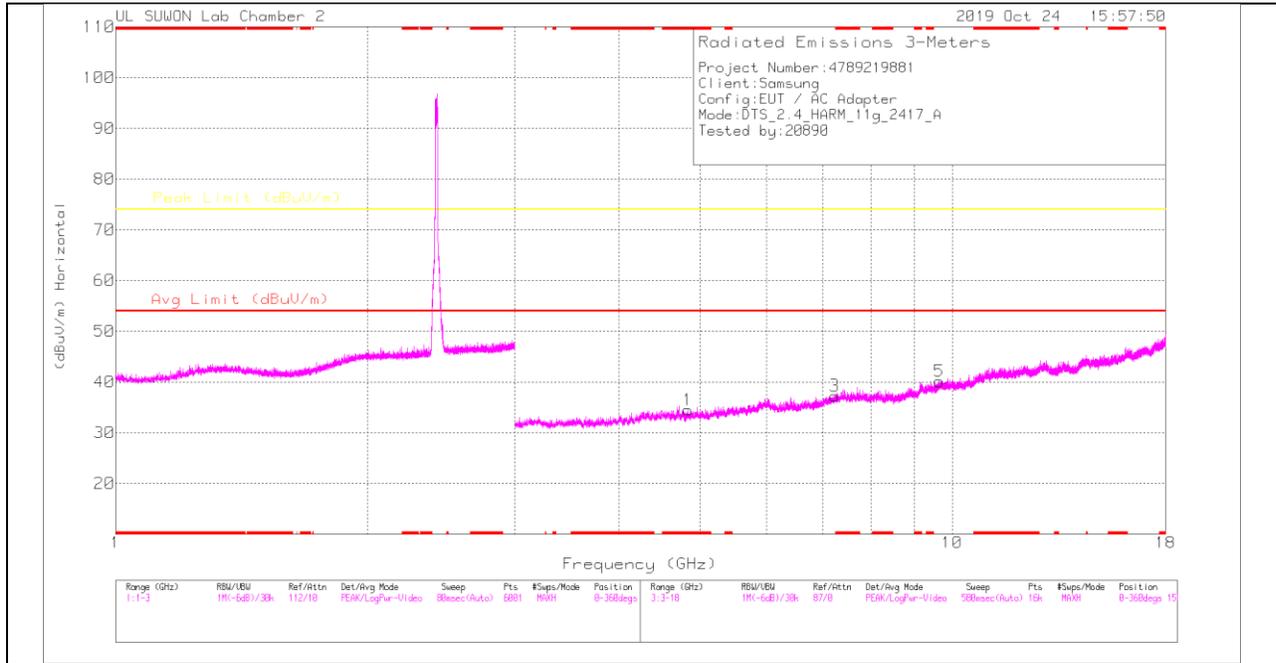
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

Pk - Peak detector

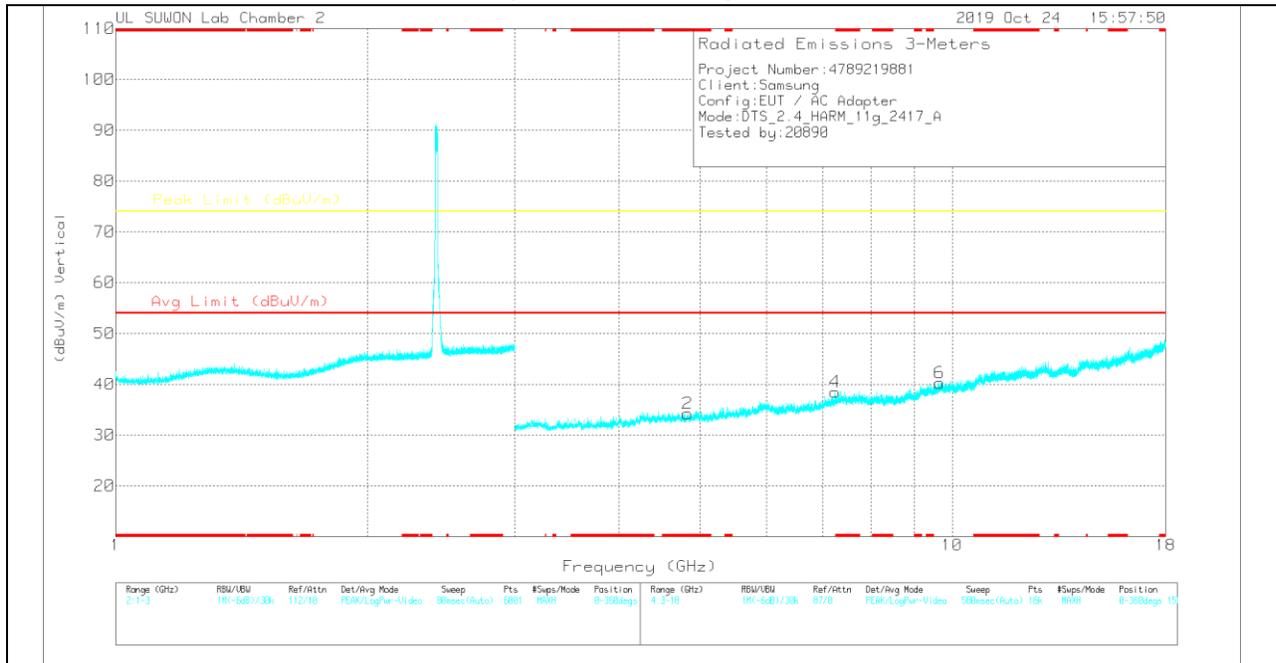
RMS - RMS detection

HARMONICS AND SPURIOUS EMISSIONS

2 CHANNEL HORIZONTAL



2 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.

2 CHANNEL DATA

Radiated Emissions

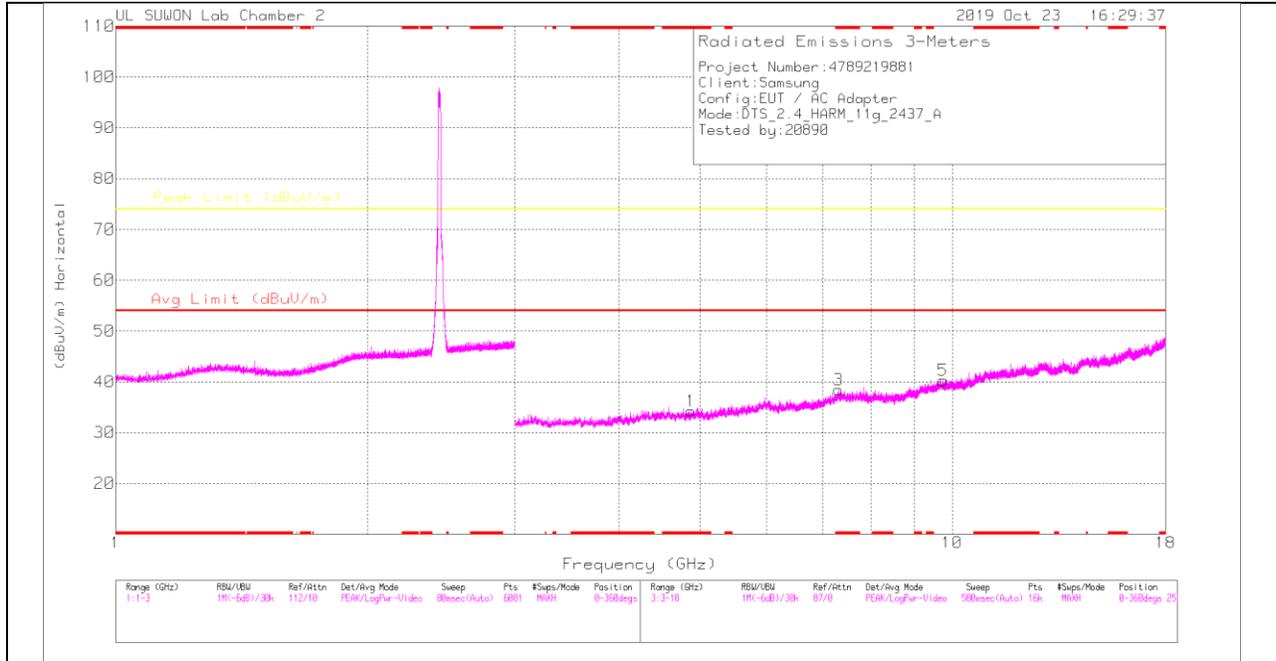
Frequency (GHz)	Meter Reading (dBuV)	Det	3117_00168724	3GHz_HP[dB]	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
* 4.8331	36.66	PK2	34	-28.1	0	42.56	-	-	74	-31.44	0	100	H
* 4.83226	36.76	PK2	34	-28.1	0	42.66	-	-	74	-31.34	0	100	V
7.23937	35.11	PK2	36.1	-25.4	0	45.81	-	-	74	-28.19	0	100	H
7.23999	35.19	PK2	36.1	-25.4	0	45.89	-	-	74	-28.11	0	100	V
9.65514	32.6	PK2	37.1	-21.4	0	48.3	-	-	74	-25.7	0	100	H
9.65454	32.63	PK2	37.1	-21.4	0	48.33	-	-	74	-25.67	0	100	V

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

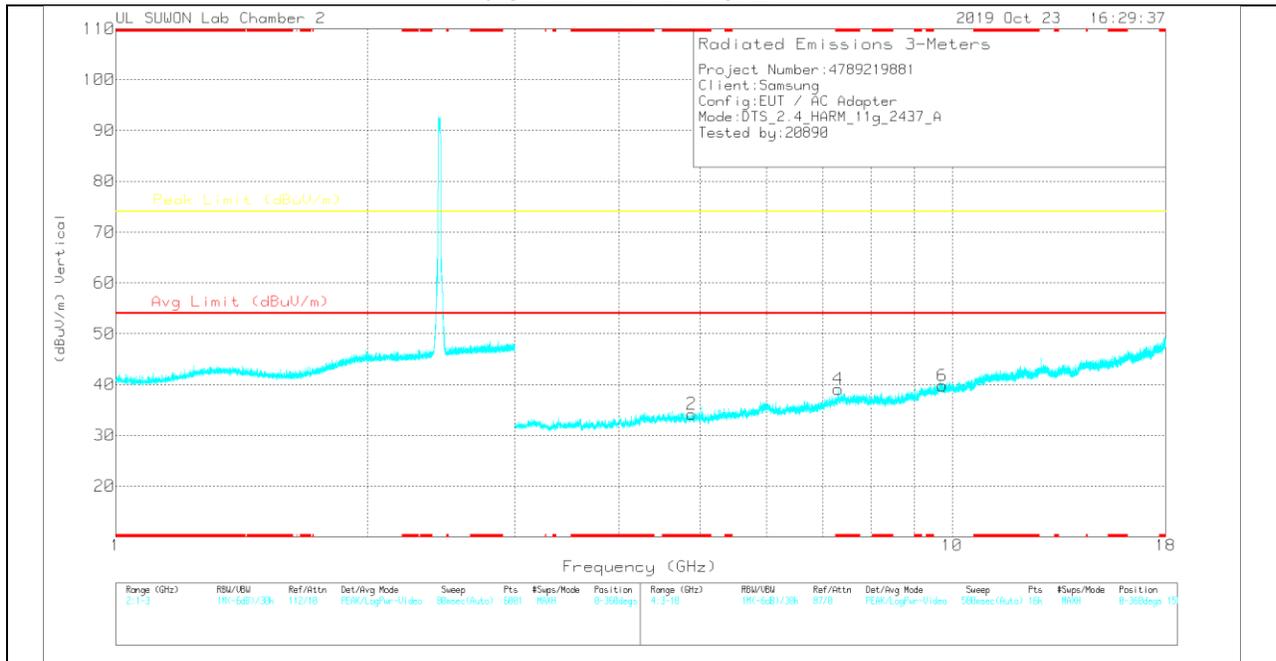
PK2 - KDB558074 Method: Maximum Peak

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

6 CHANNEL HORIZONTAL



6 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.

6 CHANNEL DATA

Radiated Emissions

Frequency (GHz)	Meter Reading (dBuV)	Det	3117_0016872_4	3GHz_HP[dB]	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
* 4.86974	36.59	PK2	34	-28	0	42.59	-	-	74	-31.41	360	100	H
* 4.86773	36.51	PK2	34	-28	0	42.51	-	-	74	-31.49	360	100	V
* 7.31833	35.17	PK2	36.2	-24.8	0	46.57	-	-	74	-27.43	360	100	H
* 7.31878	36.3	PK2	36.2	-24.8	0	47.7	-	-	74	-26.3	360	100	V
9.75423	32.6	PK2	37.2	-21.2	0	48.6	-	-	74	-25.4	360	100	H
9.75177	32.48	PK2	37.2	-21.2	0	48.48	-	-	74	-25.52	360	100	V

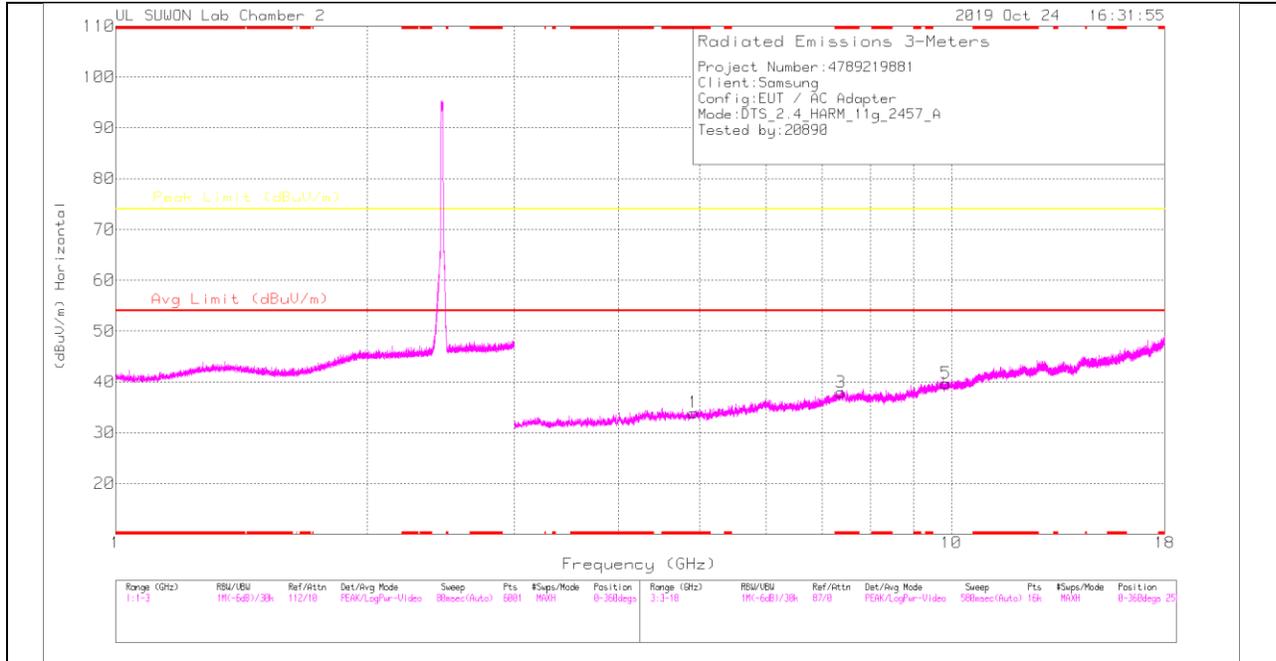
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

PK2 - KDB558074 Method: Maximum Peak

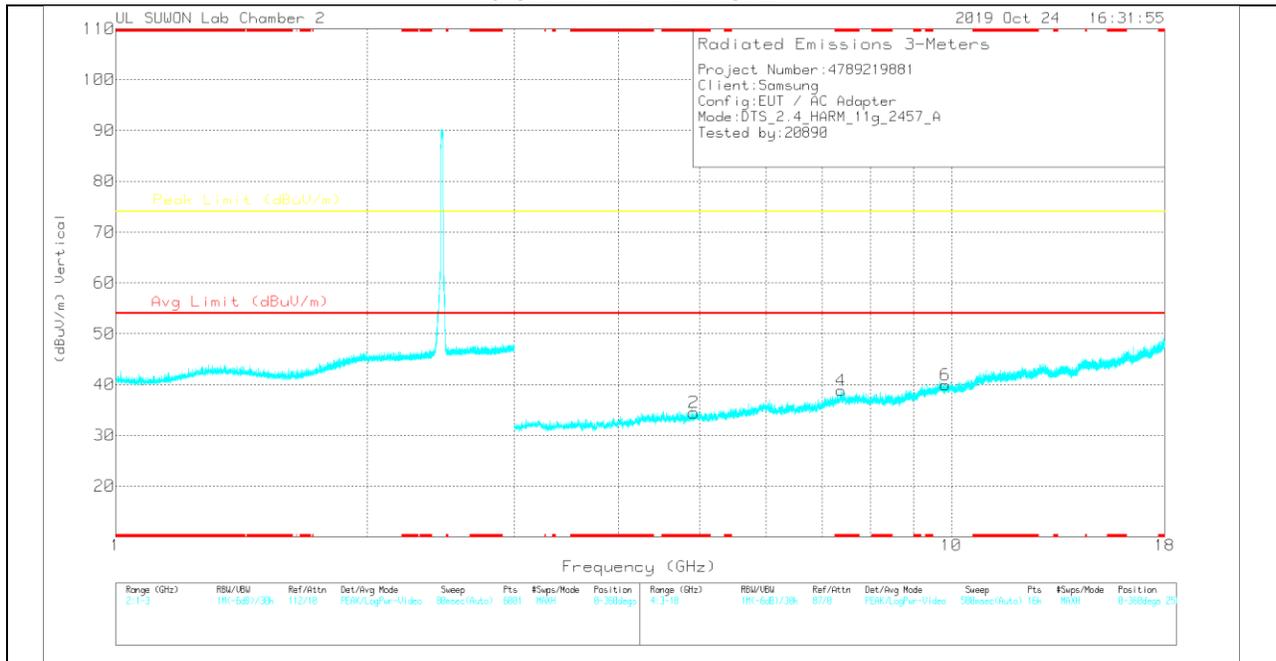
MAv1 - KDB558074 Option 1 Maximum RMS Average

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

10 CHANNEL HORIZONTAL



10 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.

10 CHANNEL DATA

Radiated Emissions

Frequency (GHz)	Meter Reading (dBuV)	Det	3117_00168724	3GHz_HP[dB]	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
* 4.91973	35.56	PK2	34	-27.2	0	42.36	-	-	74	-31.64	0	100	H
* 4.91707	36.34	PK2	34	-27.2	0	43.14	-	-	74	-30.86	0	100	V
* 7.37412	34.99	PK2	36.2	-24.2	0	46.99	-	-	74	-27.01	0	100	H
* 7.37427	34.75	PK2	36.2	-24.2	0	46.75	-	-	74	-27.25	0	100	V
9.84818	32.35	PK2	37.3	-21.6	0	48.05	-	-	74	-25.95	0	100	H
9.84855	31.8	PK2	37.3	-21.6	0	47.5	-	-	74	-26.5	0	100	V

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

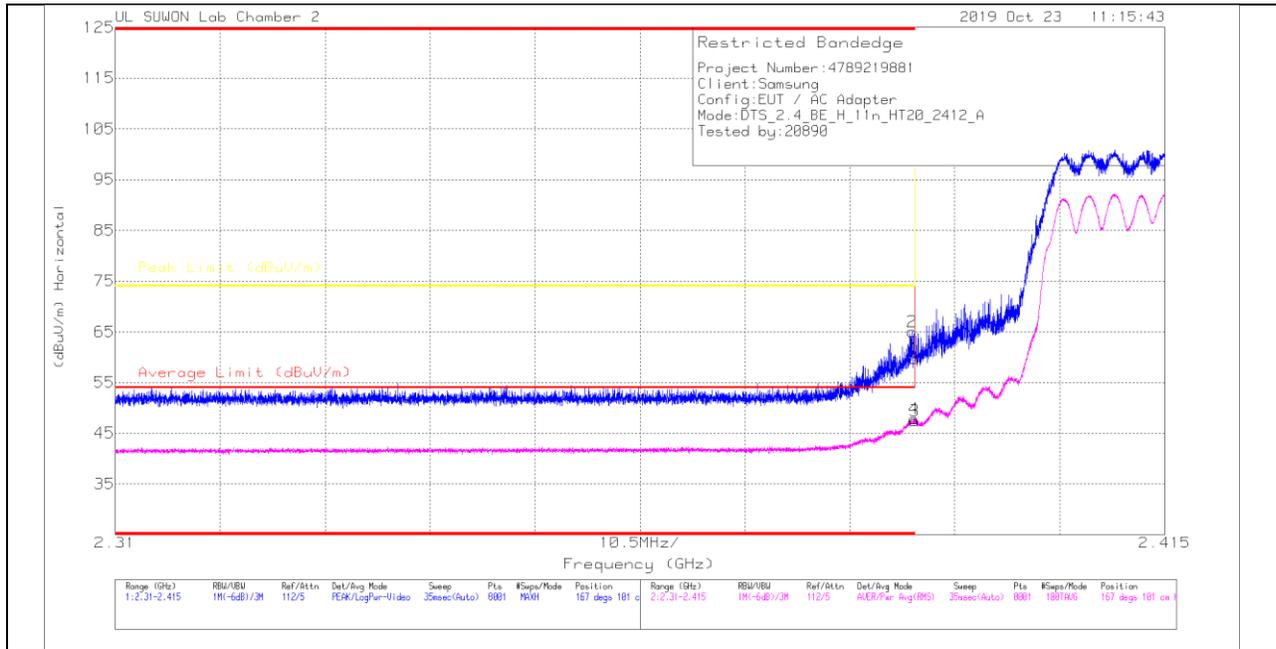
PK2 - KDB558074 Method: Maximum Peak

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

11.2.4. TX ABOVE 1GHz 802.11n HT20 2TX CDD MODE IN THE 2.4 GHz BAND

RESTRICTED BANDEDGE (1 CHANNEL)

HORIZONTAL PEAK AND AVERAGE PLOT



HORIZONTAL DATA

Trace Markers

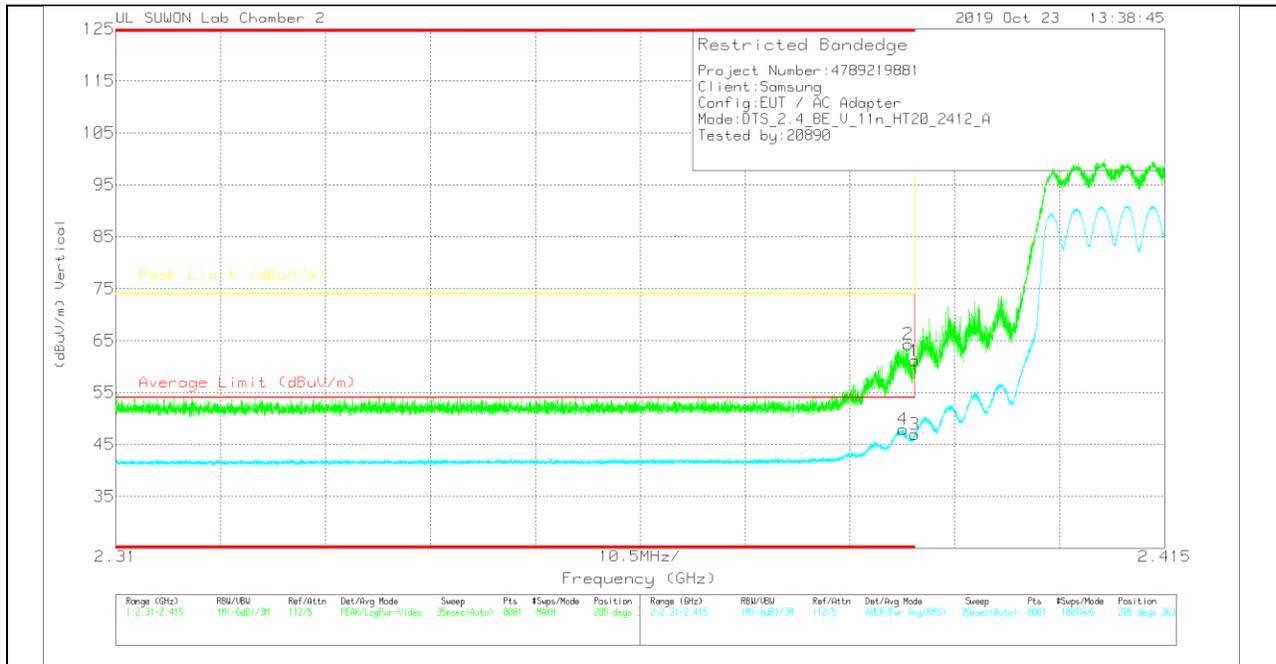
Marker	Frequency (GHz)	Meter Reading (dBu/m)	Det	3117_00168724	10dB_ATT[dB]	DC Corr (dB)	Corrected Reading (dBu/m)	Average Limit (dBu/m)	Margin (dB)	Peak Limit (dBu/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.39	48.78	Pk	31.6	-20.6	0	59.78	-	-	74	-14.22	167	101	H
2	* 2.38973	53.99	Pk	31.6	-20.6	0	64.99	-	-	74	-9.01	167	101	H
3	* 2.39	36.43	RMS	31.6	-20.6	0	47.43	54	-6.57	-	-	167	101	H
4	* 2.38993	36.81	RMS	31.6	-20.6	0	47.61	54	-6.19	-	-	167	101	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	3117_00168724	10dB_ATT[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	* 2.39	50.13	Pk	31.6	-20.6	0	61.13	-	-	74	-12.87	205	36.3	V
2	* 2.38933	53.3	Pk	31.6	-20.6	0	64.3	-	-	74	-9.7	205	36.3	V
3	* 2.39	35.94	RMS	31.6	-20.6	0	46.94	54	-7.06	-	-	205	36.3	V
4	* 2.38882	36.93	RMS	31.6	-20.6	0	47.93	54	-6.07	-	-	205	36.3	V

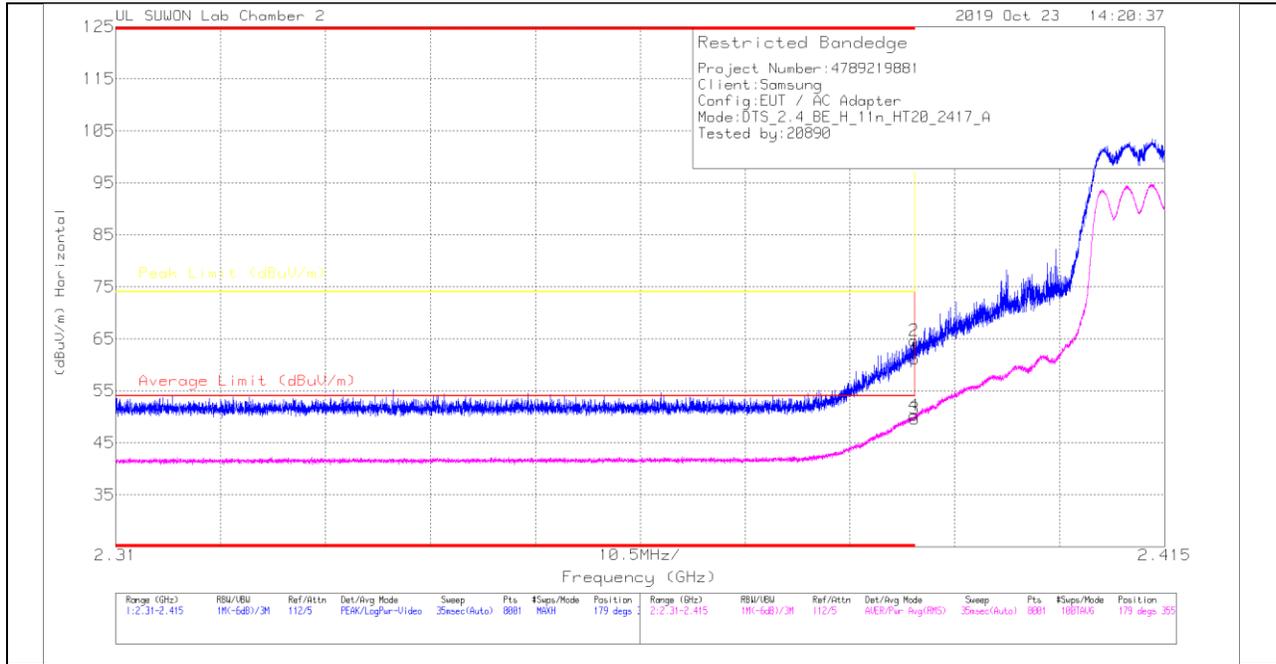
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

Pk - Peak detector

RMS - RMS detection

AUTHORIZED BANDEDGE (2 CHANNEL)

HORIZONTAL PEAK AND AVERAGE PLOT



HORIZONTAL DATA

Trace Markers

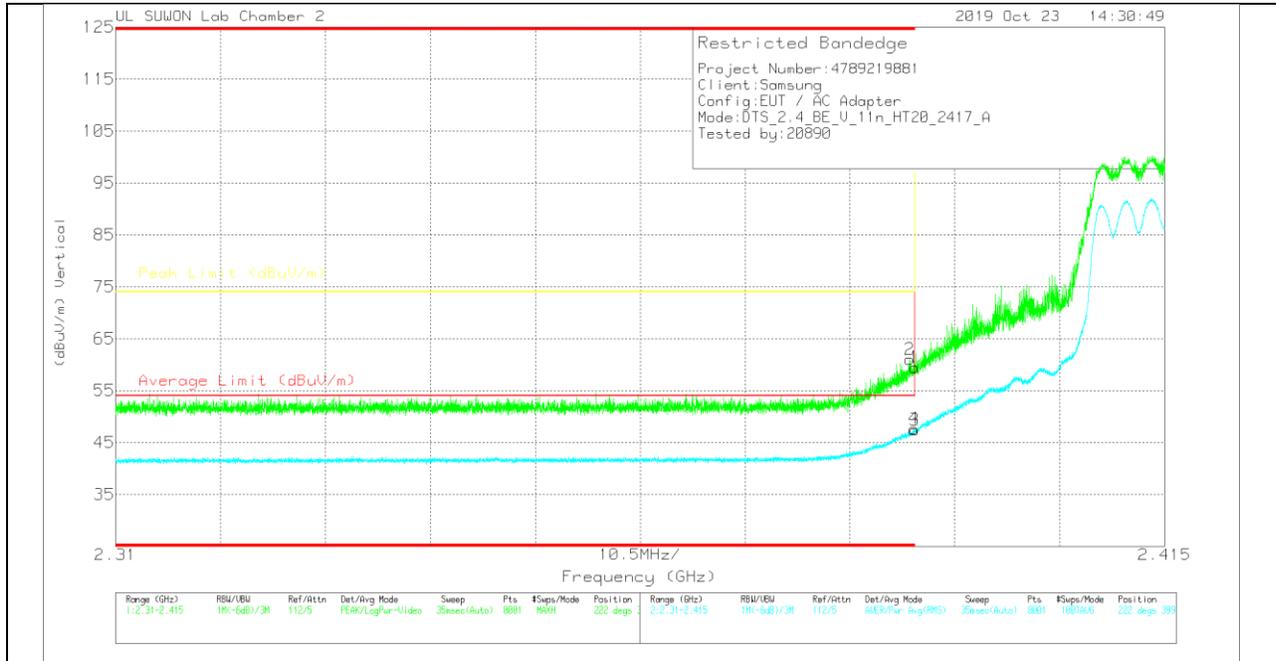
Marker	Frequency (GHz)	Meter Reading (dBu/m)	Det	3117_00168724	10dB_ATT[dB]	DC Corr (dB)	Corrected Reading (dBu/m)	Average Limit (dBu/m)	Margin (dB)	Peak Limit (dBu/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.39	50.14	Pk	31.6	-20.6	0	61.14	-	-	74	-12.86	179	355	H
2	* 2.38991	53.64	Pk	31.6	-20.6	0	64.64	-	-	74	-9.36	179	355	H
3	* 2.39	38.63	RMS	31.6	-20.6	0	49.63	54	-4.37	-	-	179	355	H
4	* 2.38992	39.3	RMS	31.6	-20.6	0	50.3	54	-3.7	-	-	179	355	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	3117_00168724	10dB_ATT[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	* 2.39	49.49	Pk	31.6	-20.6	0	59.49	-	-	74	-14.51	222	399	V
2	* 2.38949	50.03	Pk	31.6	-20.6	0	61.03	-	-	74	-12.97	222	399	V
3	* 2.39	36.45	RMS	31.6	-20.6	0	47.45	54	-6.55	-	-	222	399	V
4	* 2.38992	36.7	RMS	31.6	-20.6	0	47.7	54	-6.3	-	-	222	399	V

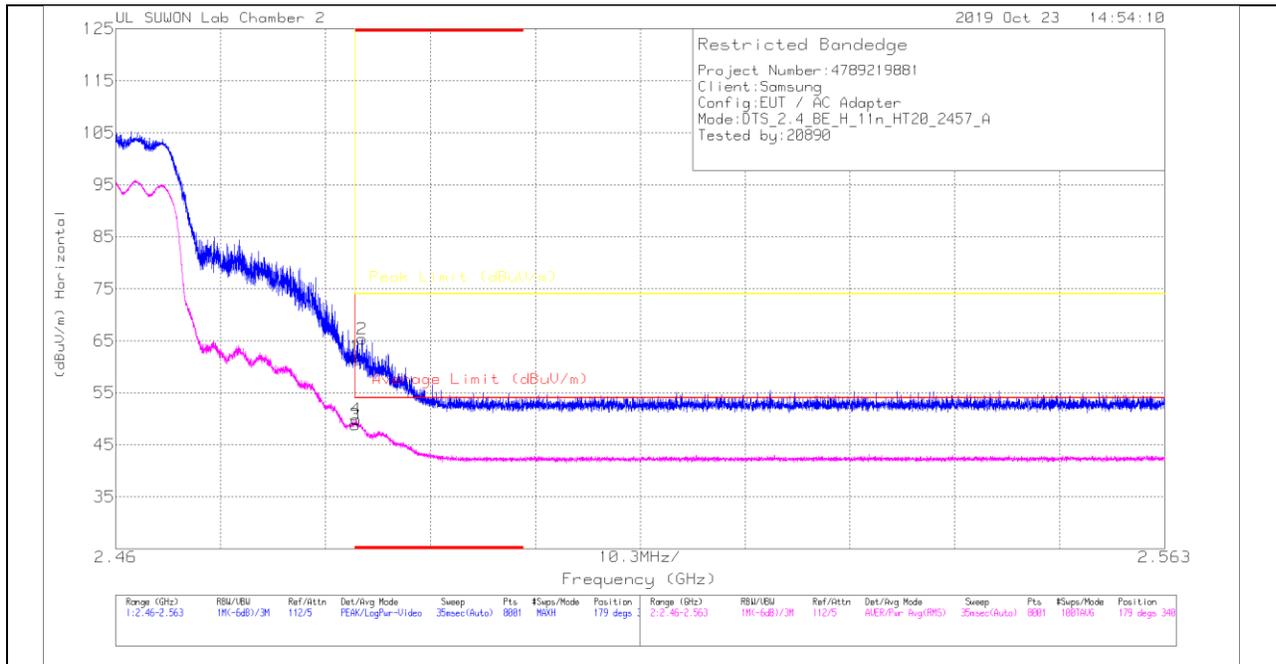
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

Pk - Peak detector

RMS - RMS detection

AUTHORIZED BANDEDGE (10 CHANNEL)

HORIZONTAL PEAK AND AVERAGE PLOT



HORIZONTAL DATA

Trace Markers

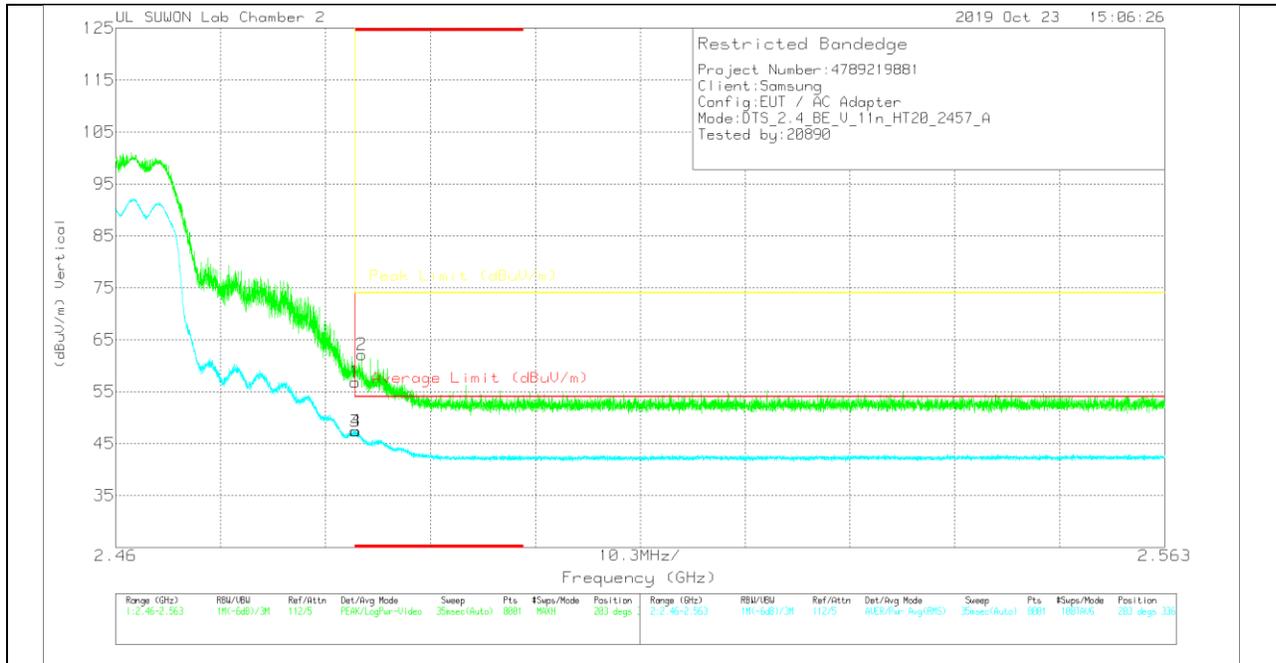
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	3117_00168724	10dB_ATT[dB]	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.48351	50.45	Pk	31.9	-20.4	0	61.95	-	-	74	-12.05	179	340	H
2	* 2.48419	53.85	Pk	31.9	-20.4	0	65.35	-	-	74	-8.65	179	340	H
3	* 2.48351	37.34	RMS	31.9	-20.4	0	48.84	54	-5.16	-	-	179	340	H
4	* 2.48363	38.4	RMS	31.9	-20.4	0	49.9	54	-4.1	-	-	179	340	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	3117_00168724	10dB_ATT[dB]	DC Cor (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.48351	45.35	PK	31.9	-20.4	0	56.85	-	-	74	-17.15	203	336	V
2	* 2.48415	50.63	PK	31.9	-20.4	0	62.13	-	-	74	-11.87	203	336	V
3	* 2.48351	35.9	RMS	31.9	-20.4	0	47.4	54	-6.6	-	-	203	336	V
4	* 2.48361	35.92	RMS	31.9	-20.4	0	47.42	54	-6.58	-	-	203	336	V

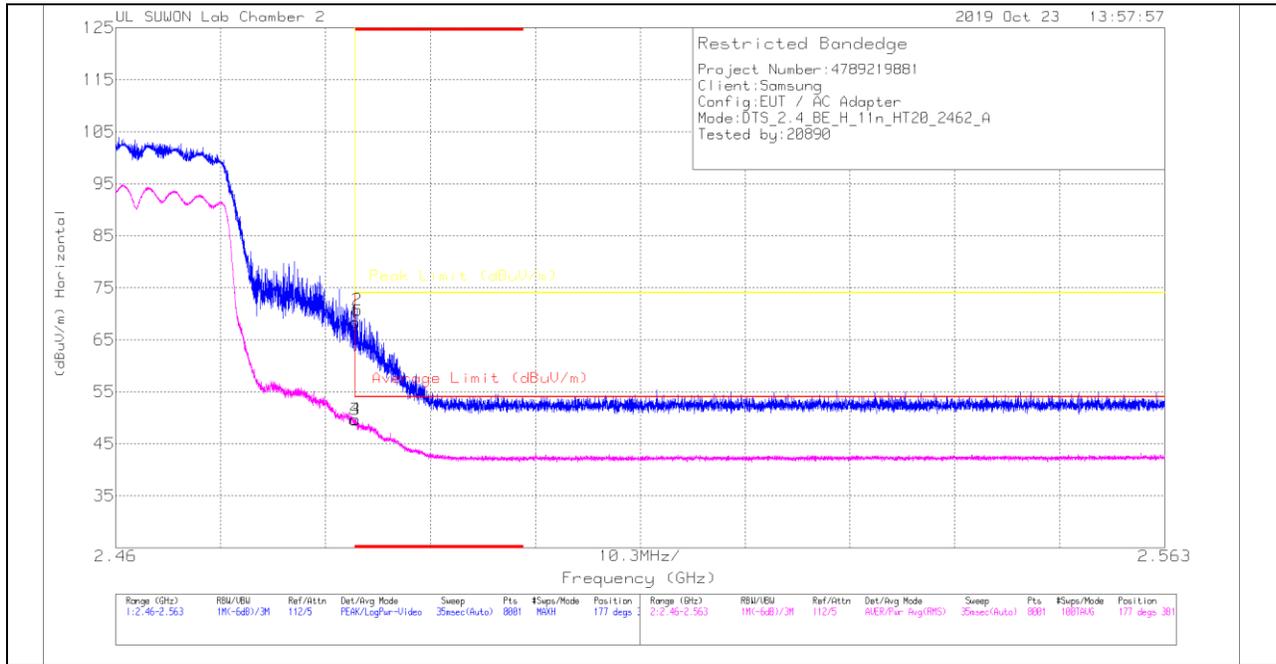
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

PK - Peak detector

RMS - RMS detection

AUTHORIZED BANDEDGE (11 CHANNEL)

HORIZONTAL PEAK AND AVERAGE PLOT



HORIZONTAL DATA

Trace Markers

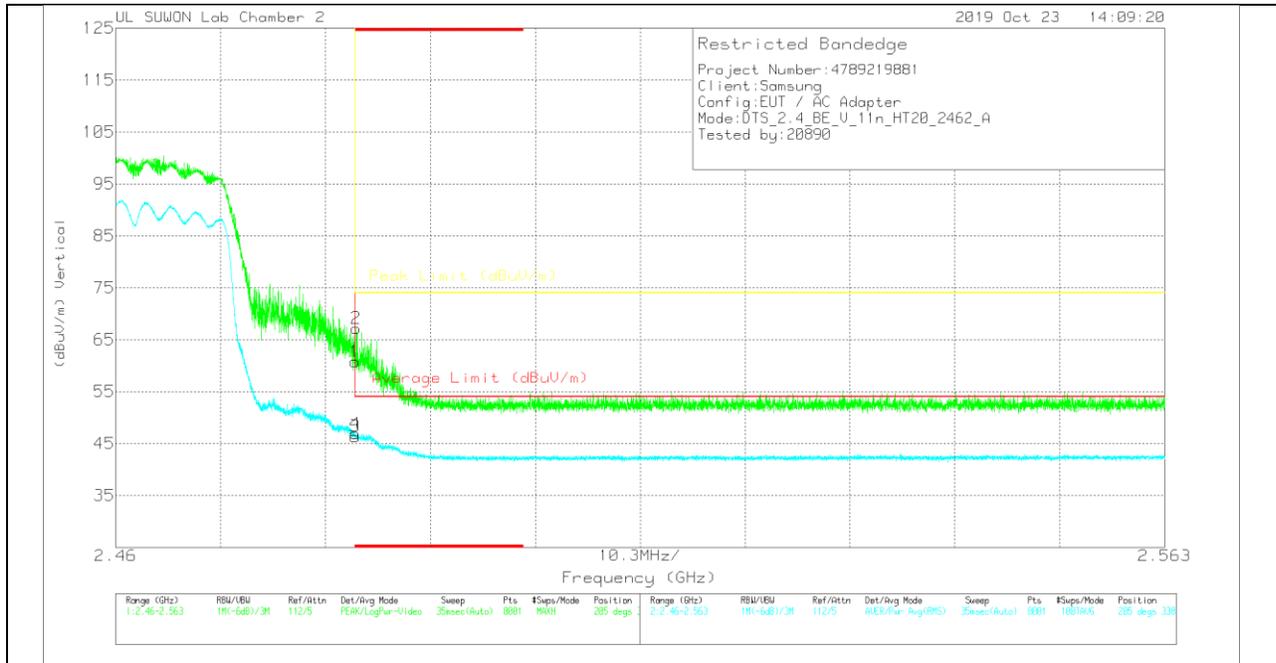
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	3117_00168724	10dB_ATT[dB]	DC Cor (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Asimuth (Degs)	Height (cm)	Polarity
1	* 2.48351	56.82	Pk	31.9	-20.4	0	68.32	-	-	74	-5.68	177	381	H
2	* 2.48373	59.23	Pk	31.9	-20.4	0	70.73	-	-	74	-3.27	177	381	H
3	* 2.48351	38.15	RMS	31.9	-20.4	0	49.65	54	-4.35	-	-	177	381	H
4	* 2.48354	38.26	RMS	31.9	-20.4	0	49.76	54	-4.24	-	-	177	381	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	3117_00168724	10dB_ATT[dB]	DC Cor (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (m)	Polarity
1	* 2.48351	49.29	PK	31.9	-20.4	0	69.79	-	-	74	-13.21	205	338	V
2	* 2.4836	35.69	PK	31.9	-20.4	0	67.19	-	-	74	-6.81	205	338	V
3	* 2.48351	34.88	RMS	31.9	-20.4	0	46.38	54	-7.62	-	-	205	338	V
4	* 2.48352	35.41	RMS	31.9	-20.4	0	46.91	54	-7.09	-	-	205	338	V

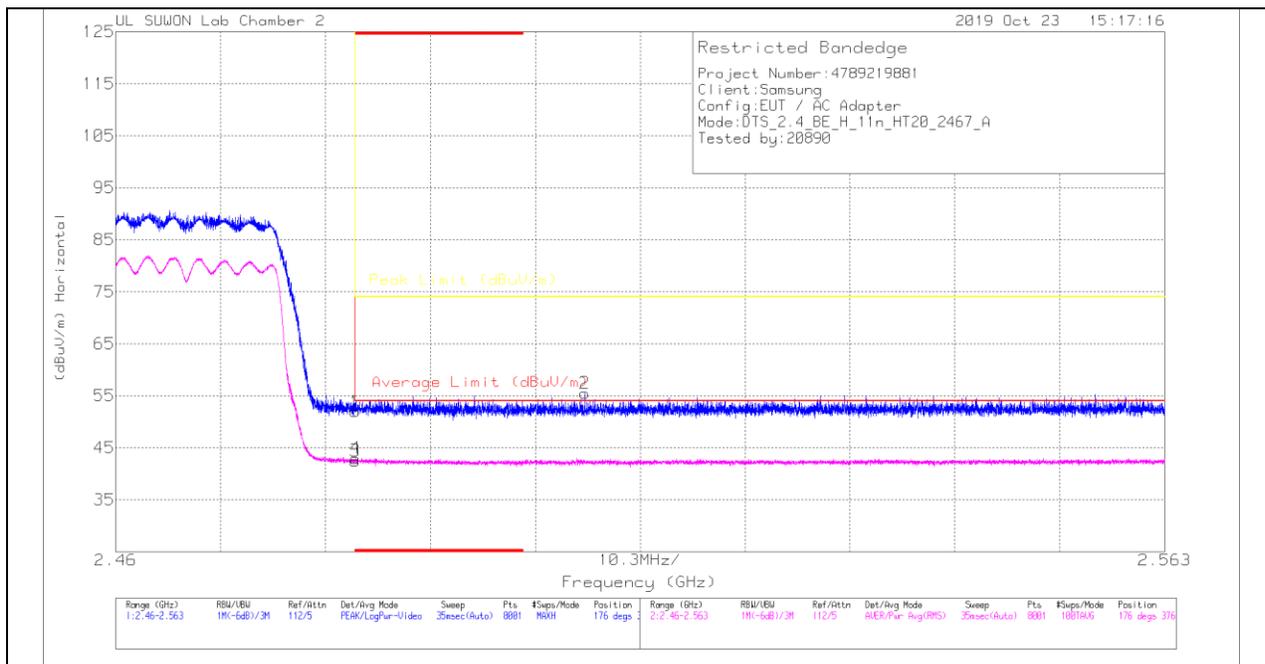
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

PK - Peak detector

RMS - RMS detection

AUTHORIZED BANDEDGE (12 CHANNEL)

HORIZONTAL PEAK AND AVERAGE PLOT



HORIZONTAL DATA

Trace Markers

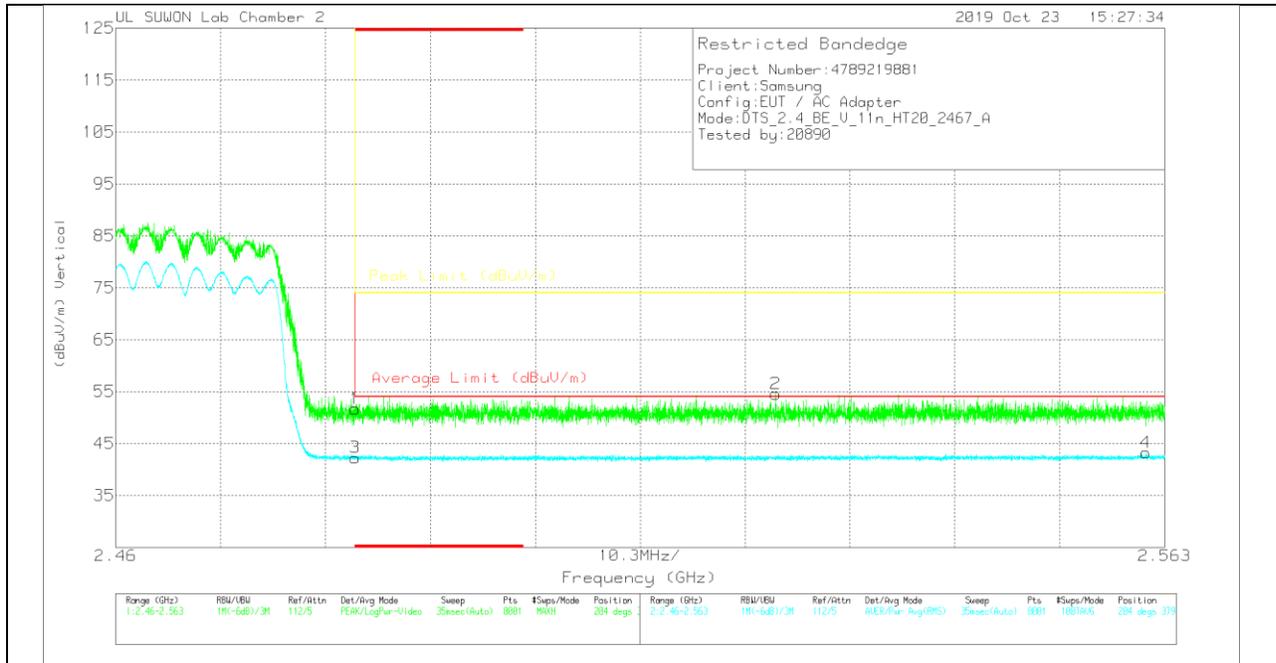
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	3117_00168724	10dB_ATT[dB]	DC Cor (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.48351	40.49	Pk	31.9	-20.4	0	51.99	-	-	74	-22.01	176	376	H
2	2.50607	43.99	Pk	31.9	-20.4	0	55.49	-	-	74	-18.51	176	376	H
3	* 2.48351	31.01	RMS	31.9	-20.4	0	42.51	54	-11.49	-	-	176	376	H
4	* 2.48355	31.49	RMS	31.9	-20.4	0	42.99	54	-11.01	-	-	176	376	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	3117_00168724	10dB_ATT[dB]	DC Cor (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.48351	40.21	PK	31.9	-20.4	0	51.71	-	-	74	-22.29	204	379	V
2	2.5248	43.1	PK	31.9	-20.4	0	54.6	-	-	74	-19.4	204	379	V
3	* 2.48351	30.79	RMS	31.9	-20.4	0	42.29	54	-11.71	-	-	204	379	V
4	2.56117	31.56	RMS	32	-20.3	0	43.26	54	-10.74	-	-	204	379	V

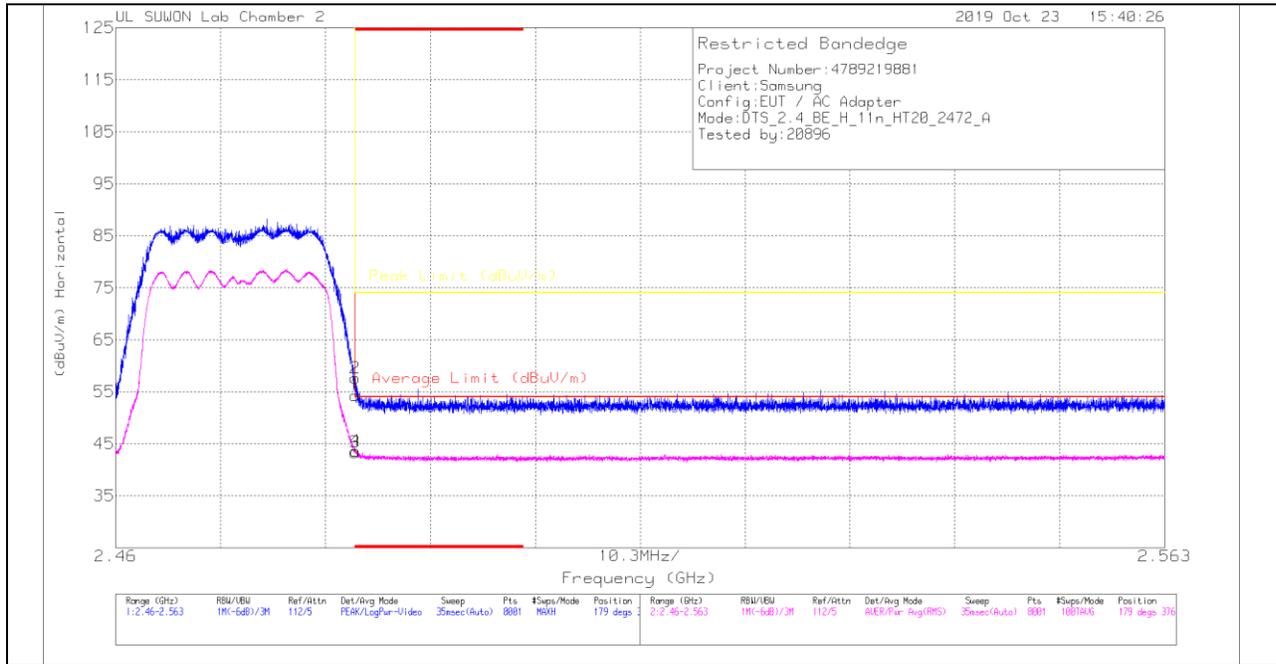
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

PK - Peak detector

RMS - RMS detection

AUTHORIZED BANDEDGE (13 CHANNEL)

HORIZONTAL PEAK AND AVERAGE PLOT



HORIZONTAL DATA

Trace Markers

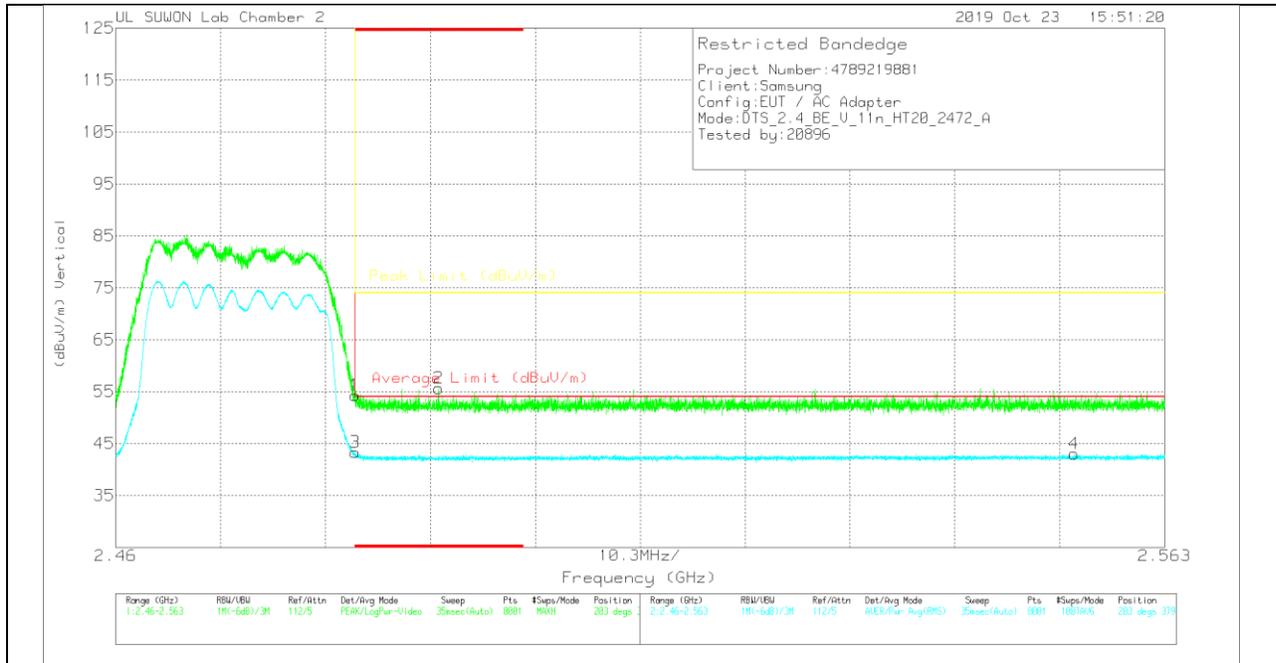
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	3117_00168724	10dB_ATT[dB]	DC Cor (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Asimuth (Degs)	Height (cm)	Polarity
1	* 2.48351	42.82	Pk	31.9	-20.4	0	54.32	-	-	74	-19.68	179	376	H
2	* 2.48352	46.12	Pk	31.9	-20.4	0	57.62	-	-	74	-16.38	179	376	H
3	* 2.48351	31.89	RMS	31.9	-20.4	0	43.39	54	-10.61	-	-	179	376	H
4	* 2.48355	32.14	RMS	31.9	-20.4	0	43.64	54	-10.36	-	-	179	376	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	3117_00168724	10dB_ATT[dB]	DC Cor (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.48351	42.8	PK	31.9	-20.4	0	54.3	-	-	74	-19.7	203	379	V
2	* 2.49169	44.27	PK	31.9	-20.5	0	55.67	-	-	74	-18.33	203	379	V
3	* 2.48351	31.83	RMS	31.9	-20.4	0	43.33	54	-10.67	-	-	203	379	V
4	2.55412	31.42	RMS	32	-20.4	0	43.02	54	-10.98	-	-	203	379	V

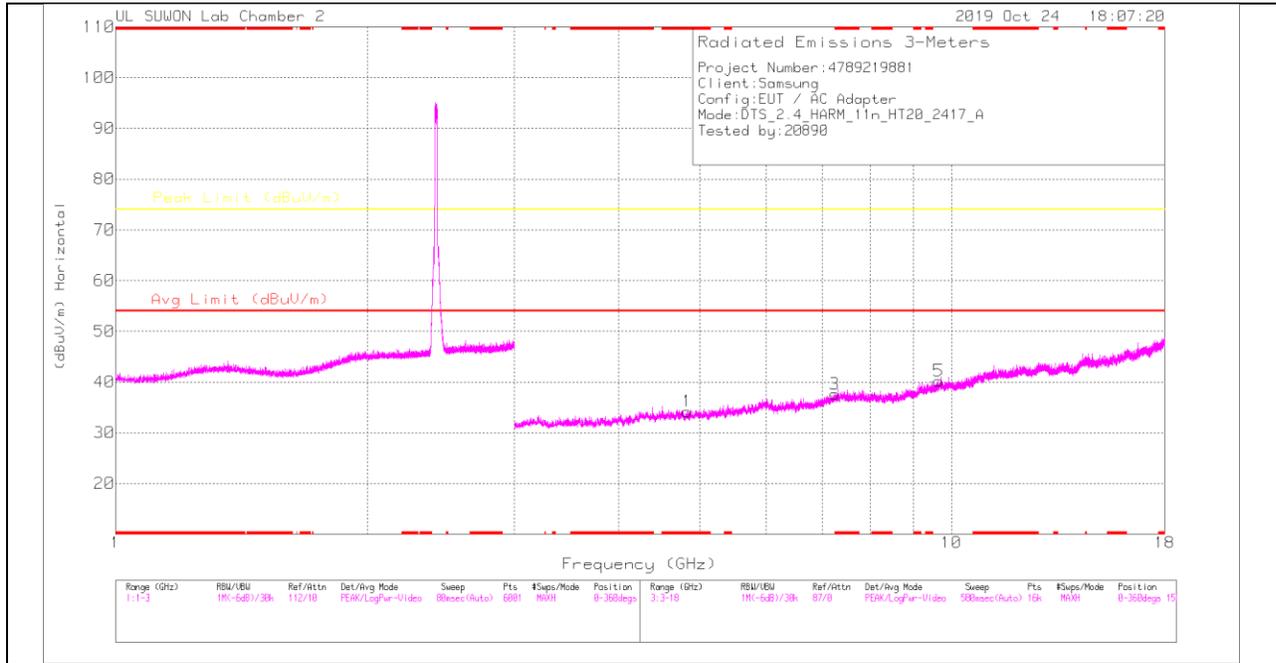
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

PK - Peak detector

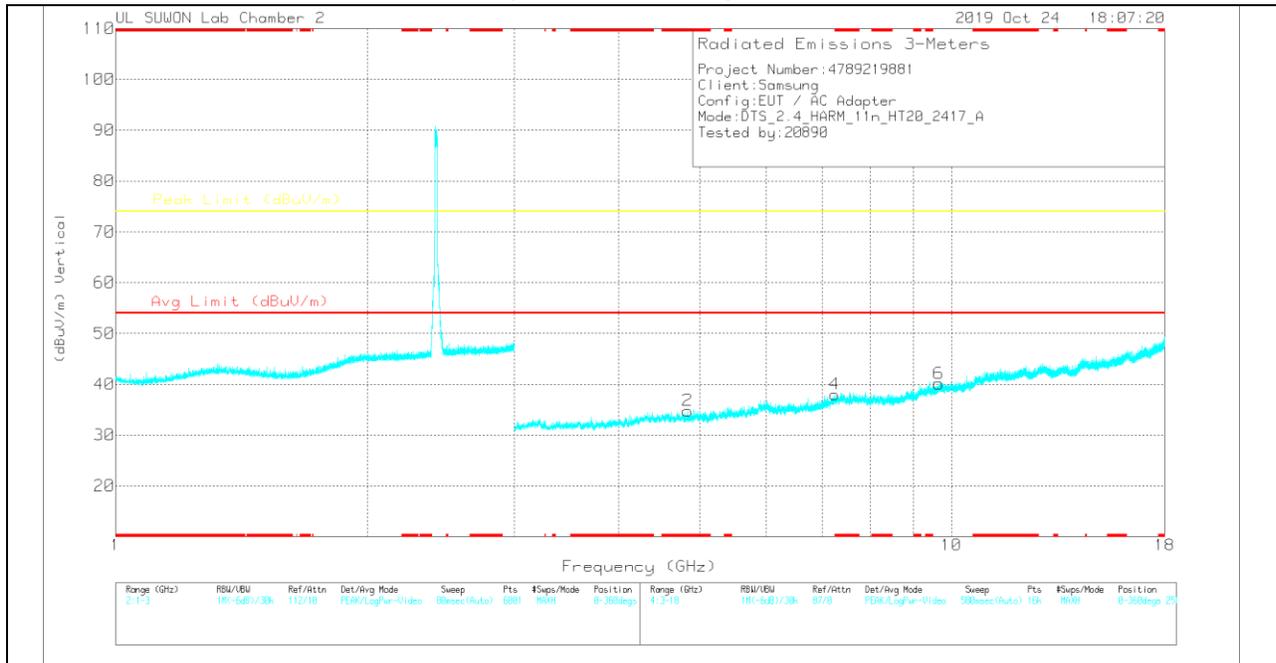
RMS - RMS detection

HARMONICS AND SPURIOUS EMISSIONS

2 CHANNEL HORIZONTAL



2 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.

2 CHANNEL DATA

Radiated Emissions

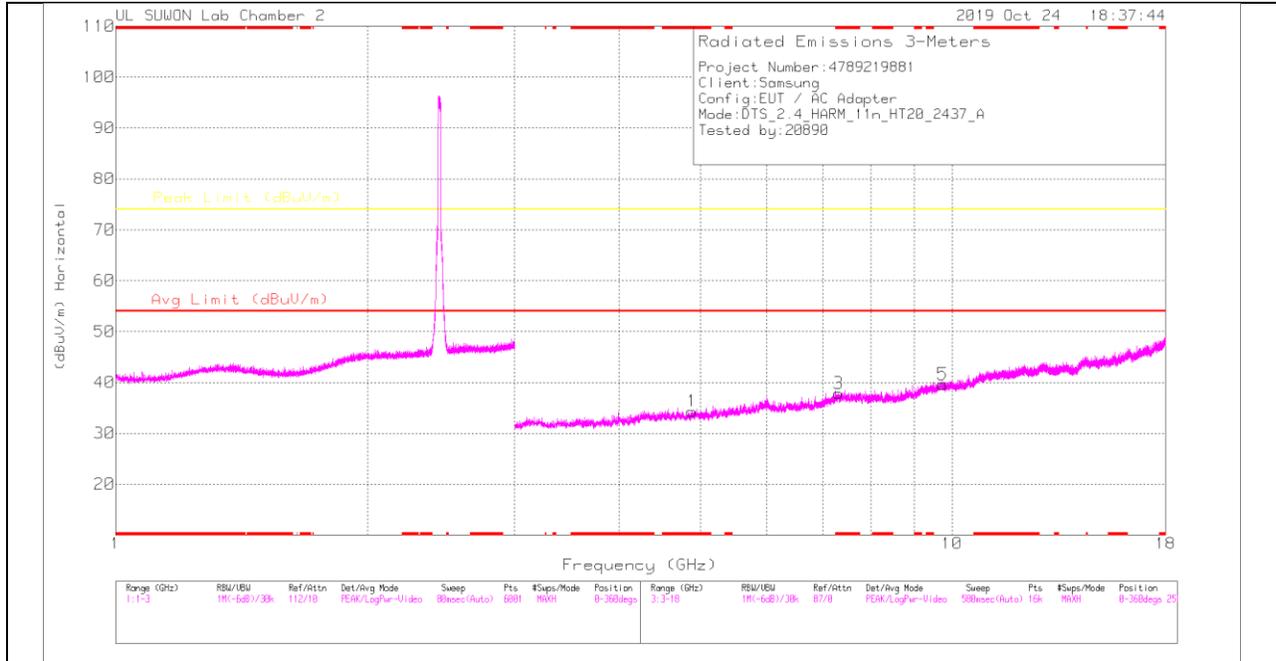
Frequency (GHz)	Meter Reading (dBuV)	Det	3117_00168724	3GHz_HP[dB]	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
* 4.83003	37.12	PK2	34	-28.2	0	42.92	-	-	74	-31.08	0	100	H
* 4.82993	36.75	PK2	34	-28.2	0	42.55	-	-	74	-31.45	0	100	V
* 7.25064	35	PK2	36.2	-25.4	0	45.8	-	-	74	-28.2	0	100	H
* 7.25149	35.84	PK2	36.2	-25.4	0	46.64	-	-	74	-27.36	0	100	V
9.65935	32.46	PK2	37.1	-21.4	0	48.16	-	-	74	-25.84	0	100	H
9.65689	32.42	PK2	37.1	-21.4	0	48.12	-	-	74	-25.88	0	100	V

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

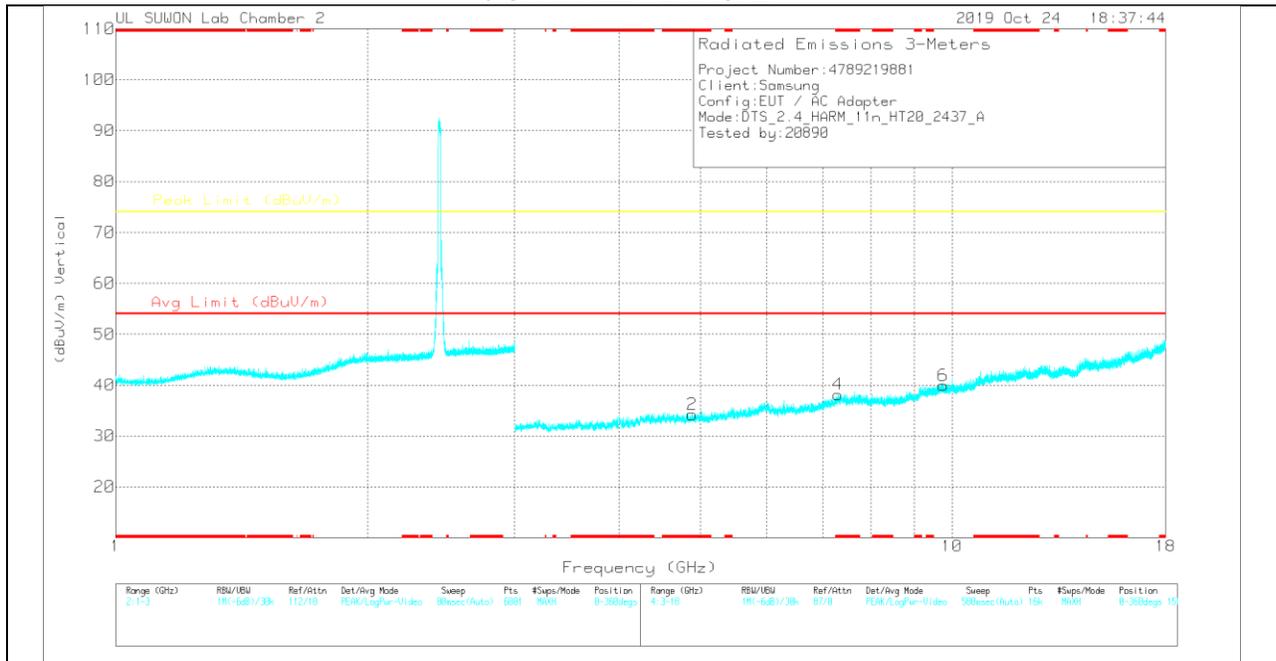
PK2 - KDB558074 Method: Maximum Peak

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

6 CHANNEL HORIZONTAL



6 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.

6 CHANNEL DATA

Radiated Emissions

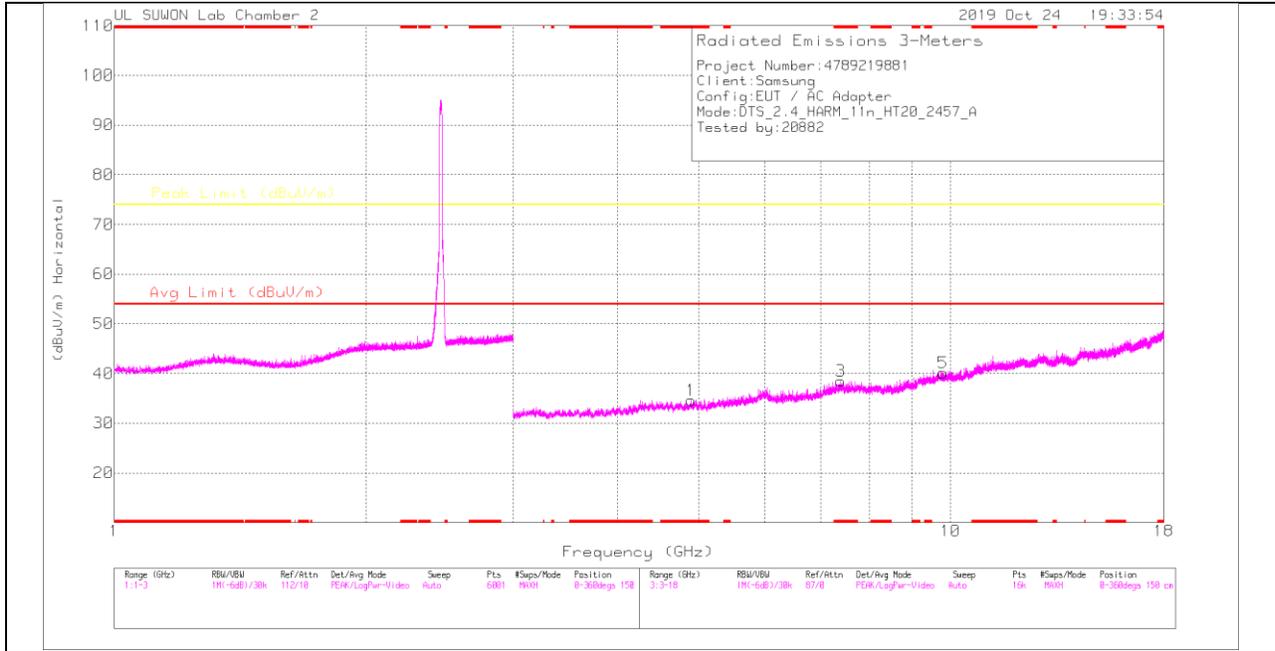
Frequency (GHz)	Meter Reading (dBuV)	Det	3117_00168724	3GHz_HP[dB]	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
* 4.88428	36.11	PK2	34	-27.8	0	42.31	-	-	74	-31.69	0	100	H
* 4.88382	36.79	PK2	34	-27.8	0	42.99	-	-	74	-31.01	0	100	V
* 7.31028	35.3	PK2	36.2	-24.9	0	46.6	-	-	74	-27.4	0	100	H
* 7.31263	36.75	PK2	36.2	-24.9	0	48.05	-	-	74	-25.95	0	100	V
9.74205	32.24	PK2	37.2	-21.2	0	48.24	-	-	74	-25.76	0	100	H
9.74376	32.17	PK2	37.2	-21.2	0	48.17	-	-	74	-25.83	0	100	V

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

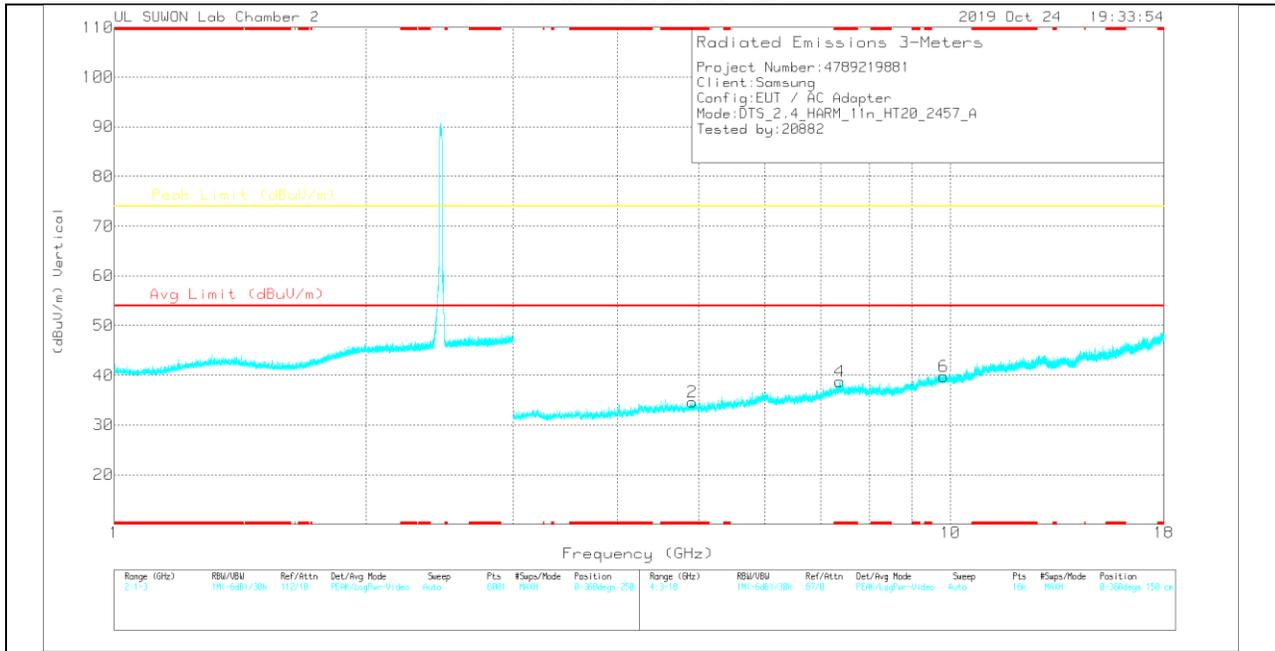
PK2 - KDB558074 Method: Maximum Peak

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

10 CHANNEL HORIZONTAL



10 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.

10 CHANNEL DATA

Trace Markers

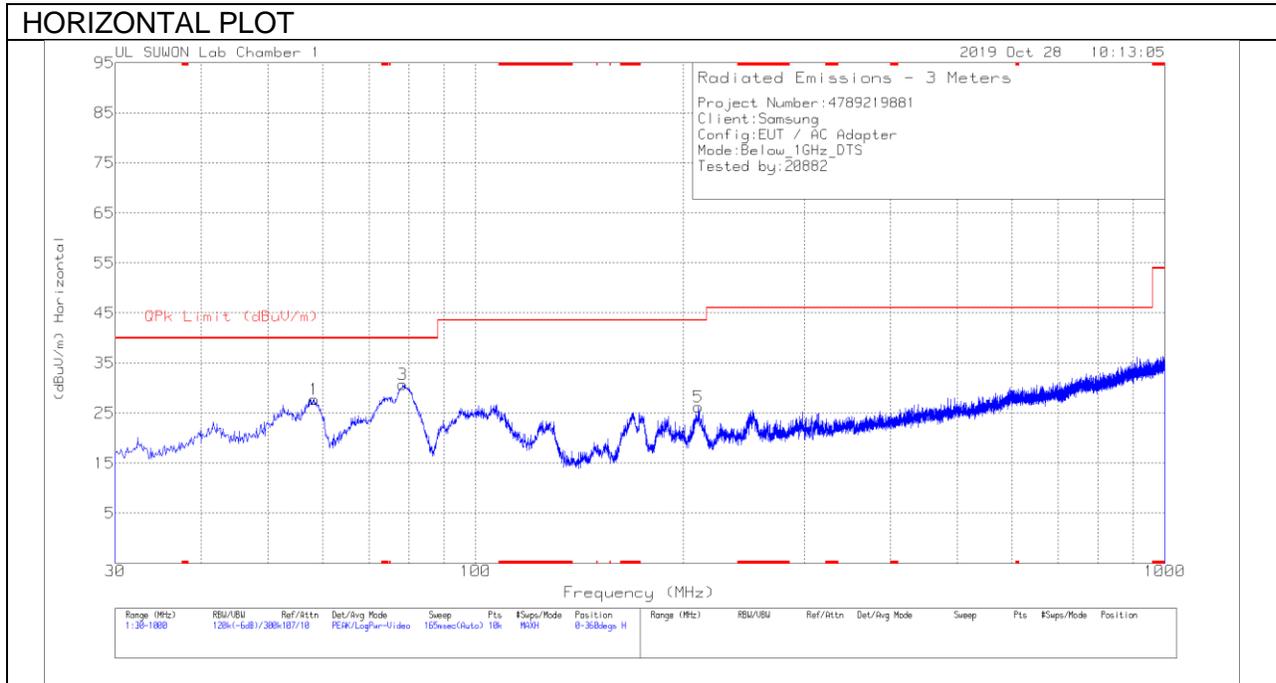
Frequency (GHz)	Meter Reading (dBuV)	Det	3117_00168724	3GHz_HP[dB]	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
* 4.89363	36.45	PK2	34	-27.6	0	42.85	-	-	74	-31.15	0	100	H
* 4.9113	36.85	PK2	34	-27.3	0	43.55	-	-	74	-30.45	0	100	V
* 7.39429	34.52	PK2	36.2	-24.1	0	46.62	-	-	74	-27.38	0	100	H
* 7.37305	36.09	PK2	36.2	-24.2	0	48.09	-	-	74	-25.91	0	100	V
9.8065	32.99	PK2	37.3	-21.6	0	48.69	-	-	74	-25.31	0	100	H
9.80857	31.67	PK2	37.3	-21.6	0	47.37	-	-	74	-26.63	0	100	V

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

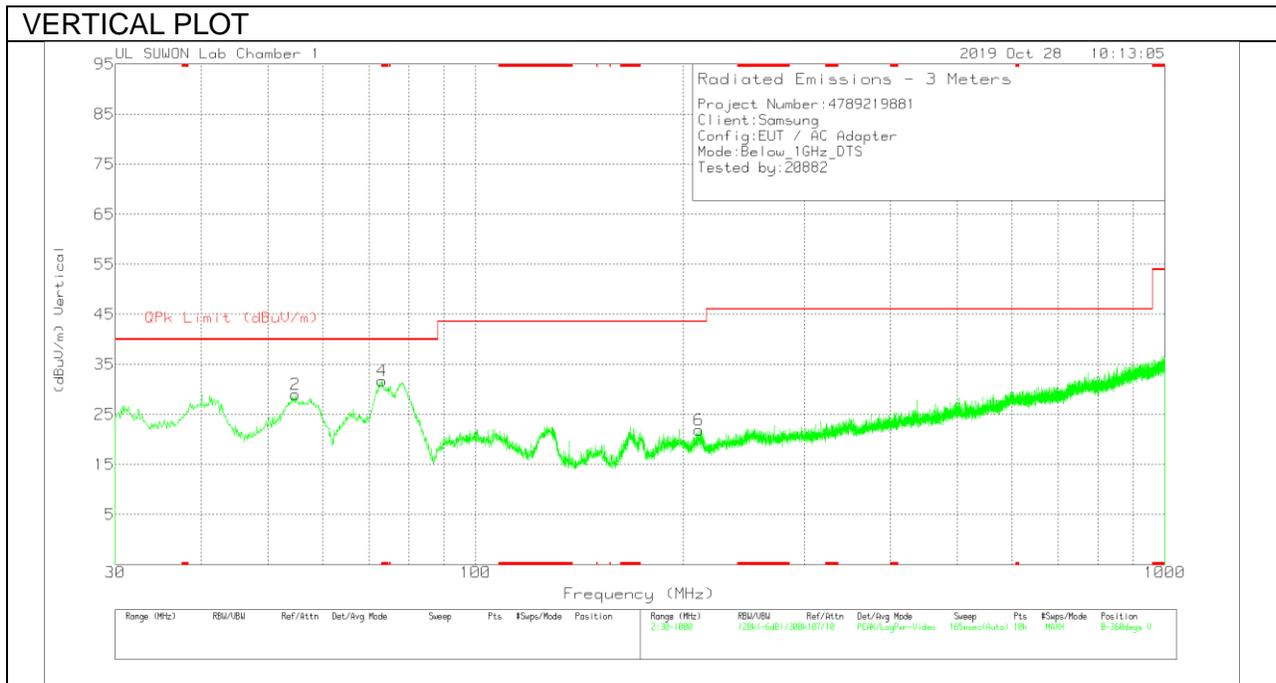
Note: Only peak measurement was performed. Because peak measurement result of unwanted emission is less than average limit (54dBuV/m).

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	VULB9163_750	Below_1G[dB]	DC Corr (dB)	Corrected Reading (dBuV/m)	QPk Limit (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	58.324	38.2	Pk	18.8	-29.3	0	27.7	40	-12.3	0-360	400	H
3	78.403	46.88	Pk	12.7	-28.9	0	30.68	40	-9.32	0-360	200	H
5	210.614	36.84	Pk	16.9	-27.5	0	26.24	43.52	-17.28	0-360	100	H
2	54.735	38.99	Pk	19.4	-29.4	0	28.99	40	-11.01	0-360	100	V
4	* 73.165	46.55	Pk	14.2	-29	0	31.75	40	-8.25	0-360	100	V
6	210.905	32.57	Pk	16.9	-27.6	0	21.87	43.52	-21.65	0-360	200	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.

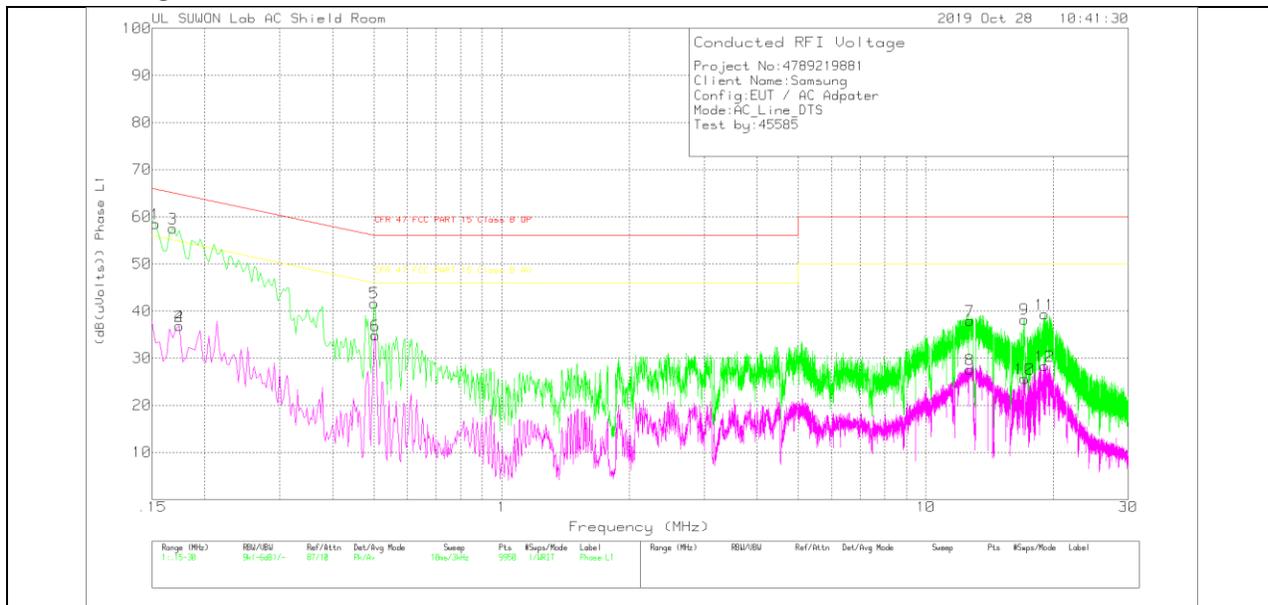
The receiver is set to a resolution bandwidth of 9 kHz. Peak detection is used unless otherwise noted as quasi-peak or average.

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	101836_With Ex_L1[dB]	CABLELOS S(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	.153	48.59	Pk	9.8	.1	58.49	65.84	-7.35	-	-
2	.174	26.57	Av	10.1	.2	36.87	-	-	54.77	-17.9
3	.168	47.43	Pk	10	.1	57.53	65.06	-7.53	-	-
4	.174	26.57	Av	10.1	.2	36.87	-	-	54.77	-17.9
5	.501	31.59	Pk	9.9	.2	41.69	56	-14.31	-	-
6	.504	24.78	Av	9.9	.2	34.88	-	-	46	-11.12
7	12.69	27.58	Pk	10	.3	37.88	60	-22.12	-	-
8	12.684	17.3	Av	10	.3	27.6	-	-	50	-22.4
9	17.064	27.64	Pk	10.2	.4	38.24	60	-21.76	-	-
10	17.1	15.06	Av	10.2	.4	25.66	-	-	50	-24.34
11	19.05	28.73	Pk	10.2	.4	39.33	60	-20.67	-	-
12	19.08	17.69	Av	10.2	.4	28.29	-	-	50	-21.71

Pk - Peak detector
 Av - Average detection

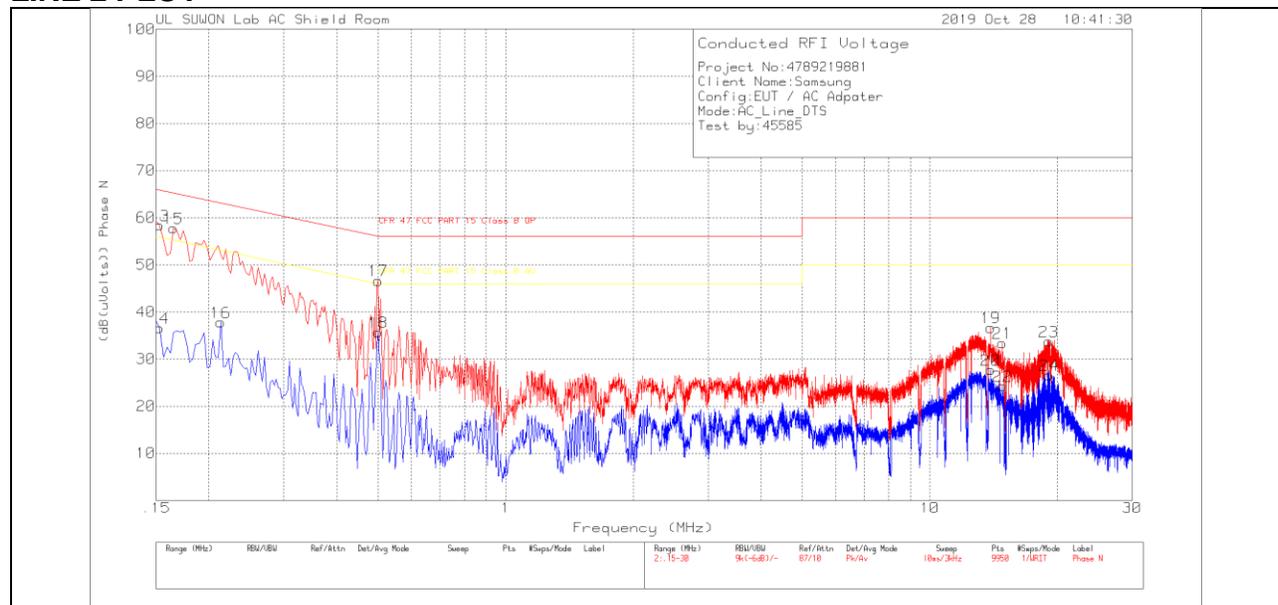
Quasi-Peak Emissions

Range 1: Phase L1 .15 - 30MHz

Frequency (MHz)	Meter Reading (dBuV)	Det	101836_With Ex_L1[dB]	CABLELOS S(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)
.15225	44.84	Qp	9.8	.1	54.74	65.88	-11.14	-	-
.17325	43.11	Qp	10.1	.2	53.41	64.8	-11.39	-	-

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	101836_With EX_N[dB]	CABLELOS S(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	.153	48.46	Pk	9.8	.1	58.36	65.84	-7.48	-	-
14	.153	26.67	Av	9.8	.1	36.57	-	-	55.84	-19.27
15	.165	47.64	Pk	10	.1	57.74	65.21	-7.47	-	-
16	.213	27.67	Av	9.9	.2	37.77	-	-	53.09	-15.32
17	.501	36.52	Pk	9.9	.2	46.62	56	-9.38	-	-
18	.501	25.56	Av	9.9	.2	35.66	-	-	46	-10.34
19	13.914	26.14	Pk	10.1	.4	36.64	60	-23.36	-	-
20	13.923	17.21	Av	10.1	.4	27.71	-	-	50	-22.29
21	14.823	22.93	Pk	10.1	.4	33.43	60	-26.57	-	-
22	14.823	13.7	Av	10.1	.4	24.2	-	-	50	-25.8
23	19.083	23.06	Pk	10.3	.4	33.76	60	-26.24	-	-
24	19.098	15.86	Av	10.3	.4	26.56	-	-	50	-23.44

Pk - Peak detector

Av - Average detection

Quasi-Peak Emissions

Range 2: Phase N .15 - 30MHz

Frequency (MHz)	Meter Reading (dBuV)	Det	101836_With EX_N[dB]	CABLELOS S(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)
.15225	44.77	Qp	9.8	.1	54.67	65.88	-11.21	-	-
.16515	42.79	Qp	10	.1	52.89	65.2	-12.31	-	-
.50115	34.2	Qp	9.9	.2	44.3	56	-11.7	-	-

Qp - Quasi-Peak detector

END OF REPORT