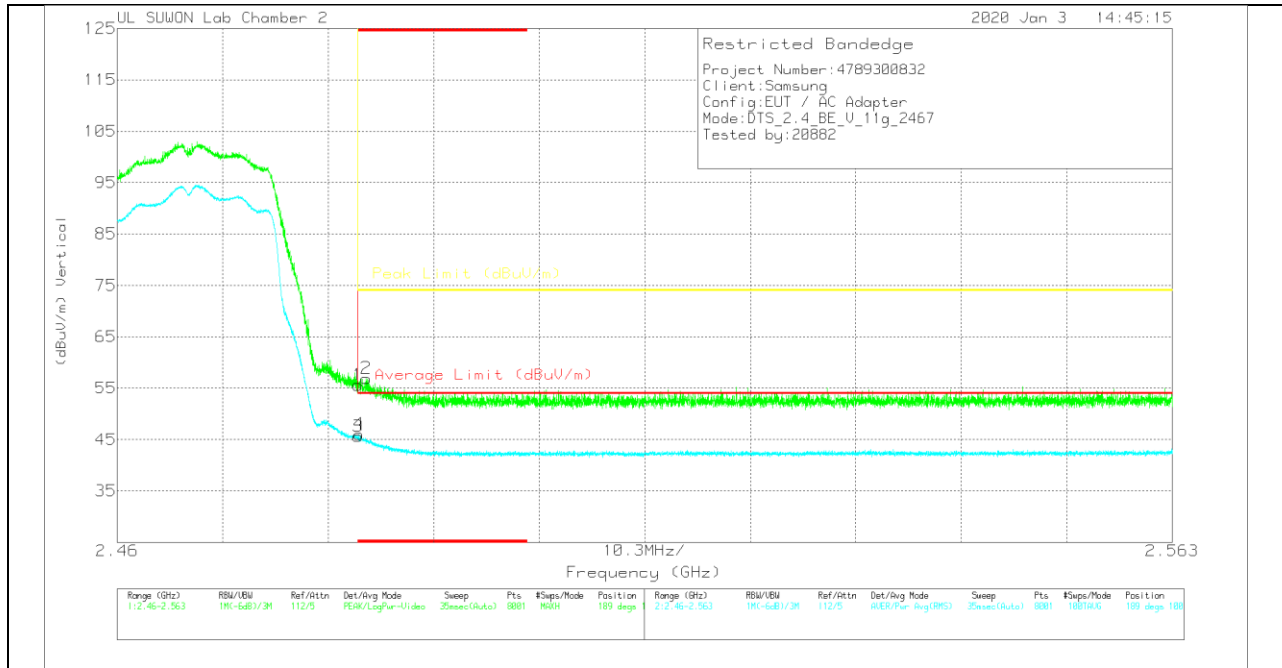


VERTICAL PEAK AND AVERAGE PLOT



VERTICAL DATA

Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	3117_50168724	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	44.13	PK	31.9	-20.4	0	55.63	-	-	74	-18.37	189	100	V
2	* 2.48351	45.42	PK	31.9	-20.4	0	56.92	-	-	74	-17.08	189	100	V
3	* 2.48351	34.11	RMS	31.9	-20.4	0	45.61	54	-8.39	-	-	189	100	V
4	* 2.48359	34.55	RMS	31.9	-20.4	0	46.05	54	-7.95	-	-	189	100	V

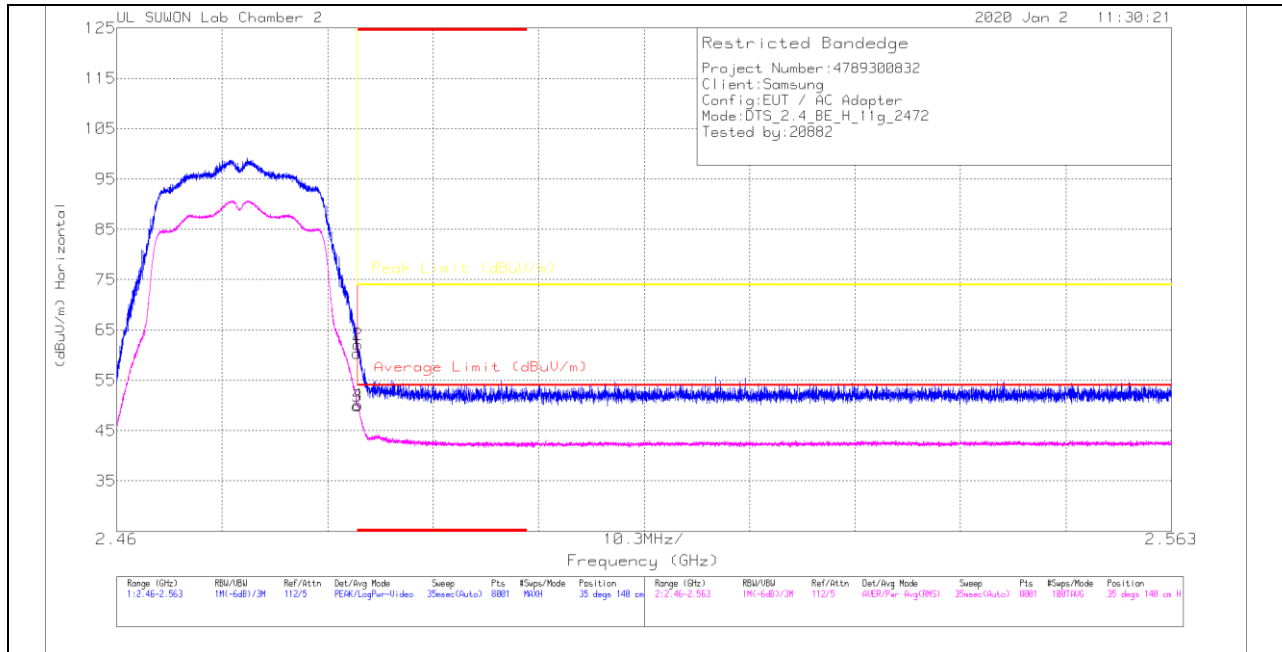
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

PK - Peak detector

RMS - RMS detection

AUTHORIZED BANDEDGE (13 CHANNEL)

HORIZONTAL PEAK AND AVERAGE PLOT



HORIZONTAL DATA

Trace Markers

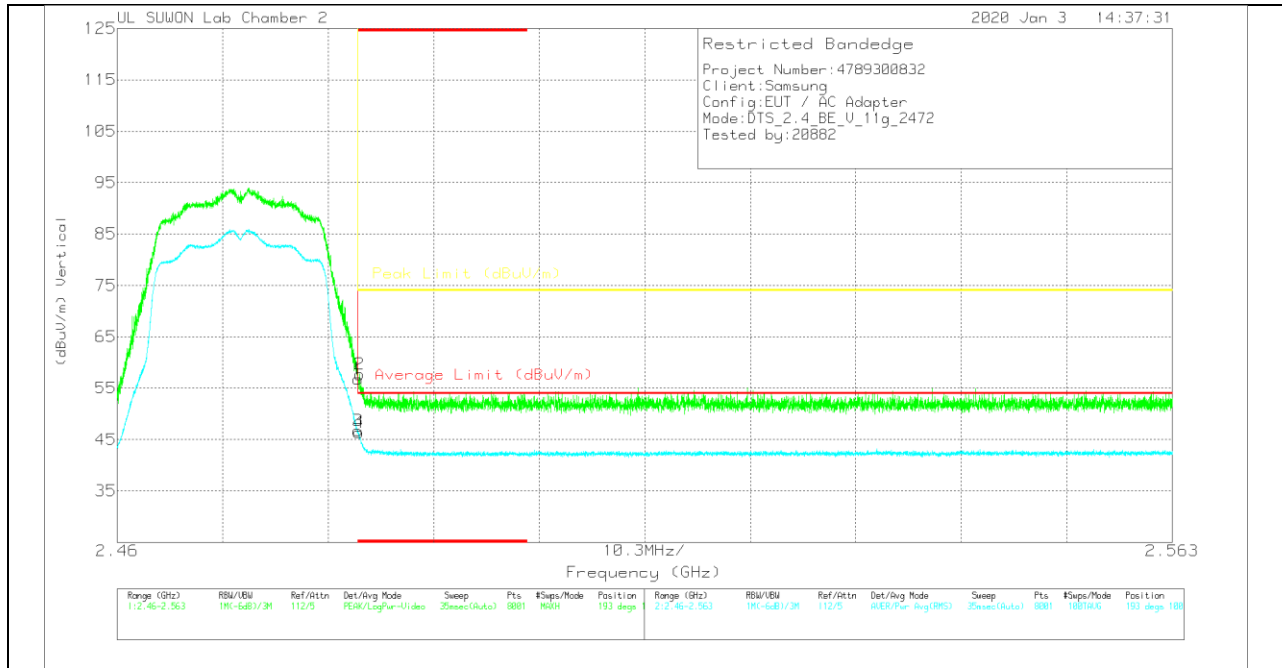
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	3117_00168724	10dB_ATT[dB]	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Altitude (Degs)	Height (cm)	Polarity
1	* 2.48351	48.84	Pk	31.9	-20.4	0	60.34	-	-	74	-13.66	35	140	H
2	* 2.48354	50.6	Pk	31.9	-20.4	0	62.1	-	-	74	-11.9	35	140	H
3	* 2.48351	38.37	RMS	31.9	-20.4	0	49.87	54	-4.13	-	-	35	140	H
4	* 2.48355	38.58	RMS	31.9	-20.4	0	50.08	54	-3.92	-	-	35	140	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_50168724	10dB_ATT[dB]	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Altitude (deg)	Height (m)	Polarity
1	* 2.48351	45.28	PK	31.9	-20.4	0	56.78	-	-	74	-17.22	193	100	V
2	* 2.48359	46.21	PK	31.9	-20.4	0	57.71	-	-	74	-16.29	193	100	V
3	* 2.48351	35.21	RMS	31.9	-20.4	0	46.71	54	-7.29	-	-	193	100	V
4	* 2.48357	34.85	RMS	31.9	-20.4	0	46.35	54	-7.65	-	-	193	100	V

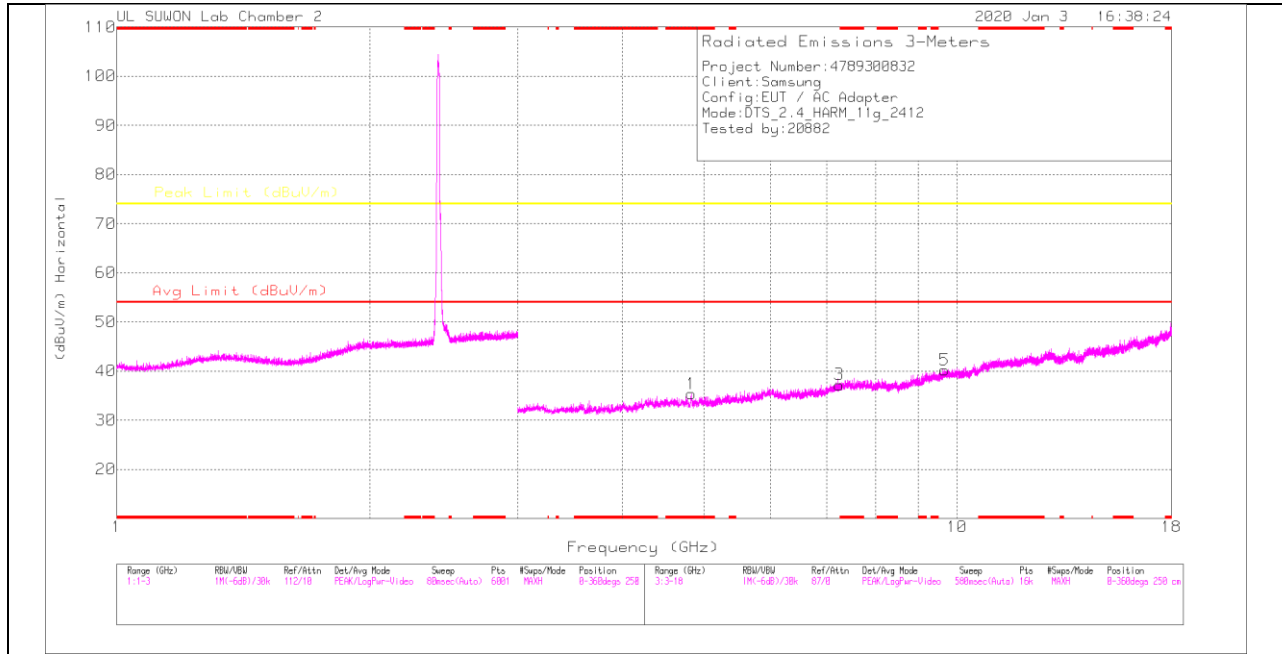
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

PK - Peak detector

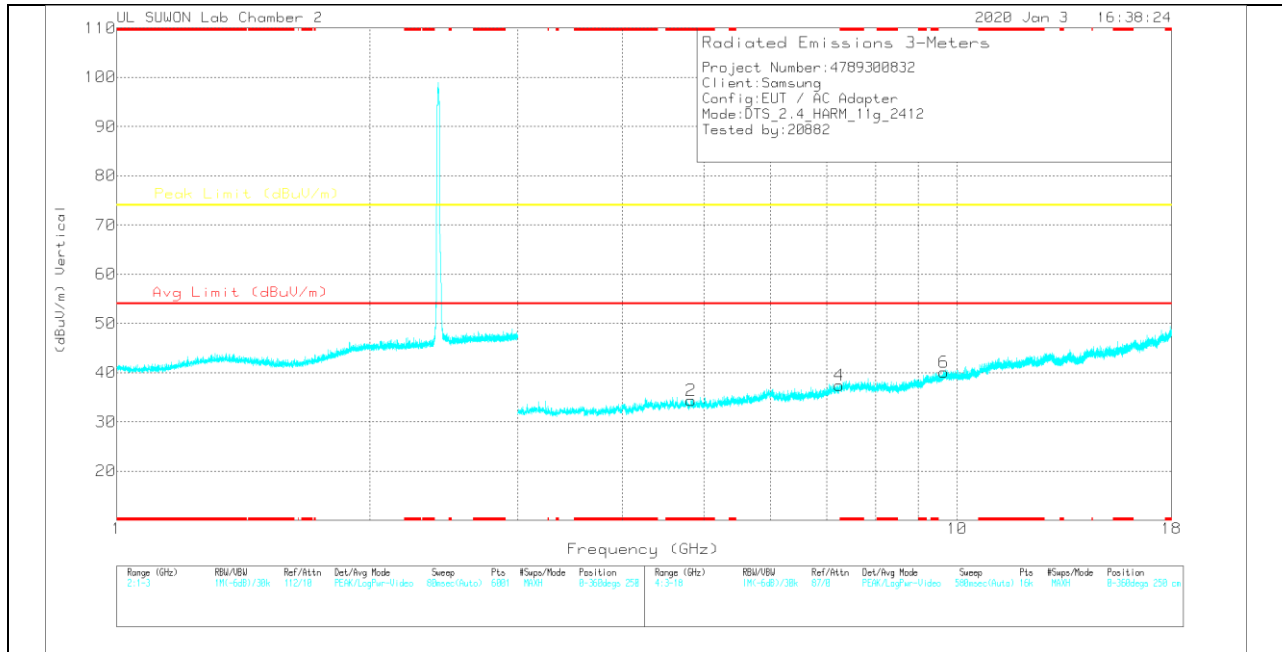
RMS - RMS detection

HARMONICS AND SPURIOUS EMISSIONS

1 CHANNEL HORIZONTAL



1 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.

1 CHANNEL DATA

Radiated Emissions

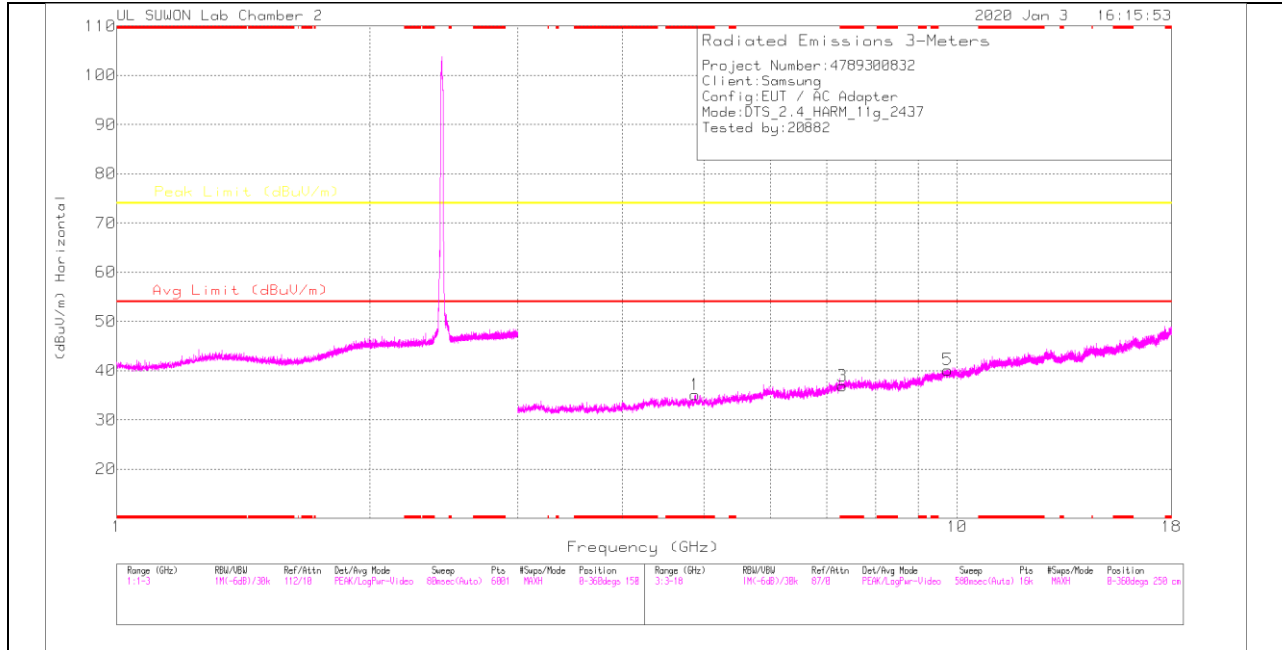
Frequency (GHz)	Meter Reading (dBuV)	Det	3117_00168724	3GHz_HP[dB]	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
* 4.82644	37.74	PK2	34	-28.1	0	43.64	-	-	74	-30.36	360	100	H
* 4.82601	36.82	PK2	34	-28.1	0	42.72	-	-	74	-31.28	360	100	V
7.24169	35.49	PK2	36.1	-25.4	0	46.19	-	-	74	-27.81	360	100	V
7.2434	35.11	PK2	36.1	-25.3	0	45.91	-	-	74	-28.09	360	100	H
9.65824	32.52	PK2	37.1	-21.4	0	48.22	-	-	74	-25.78	360	100	H
9.66029	32.7	PK2	37.1	-21.4	0	48.4	-	-	74	-25.6	360	100	V

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

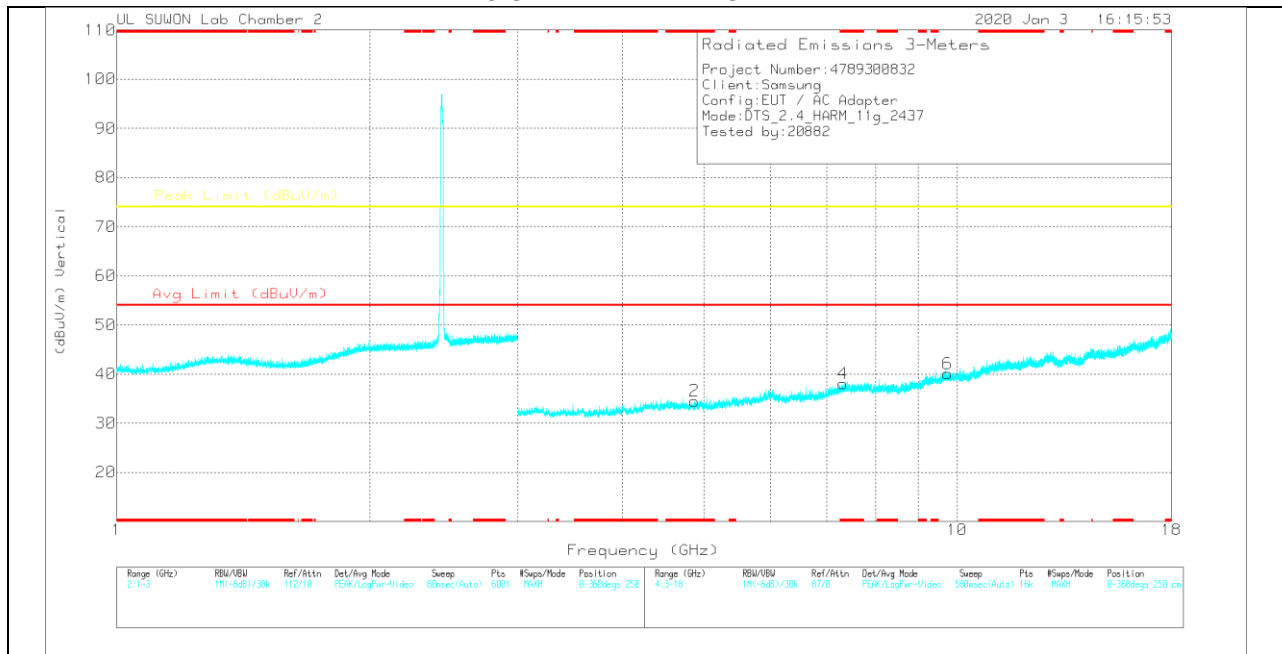
PK2 - KDB558074 Method: Maximum Peak

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

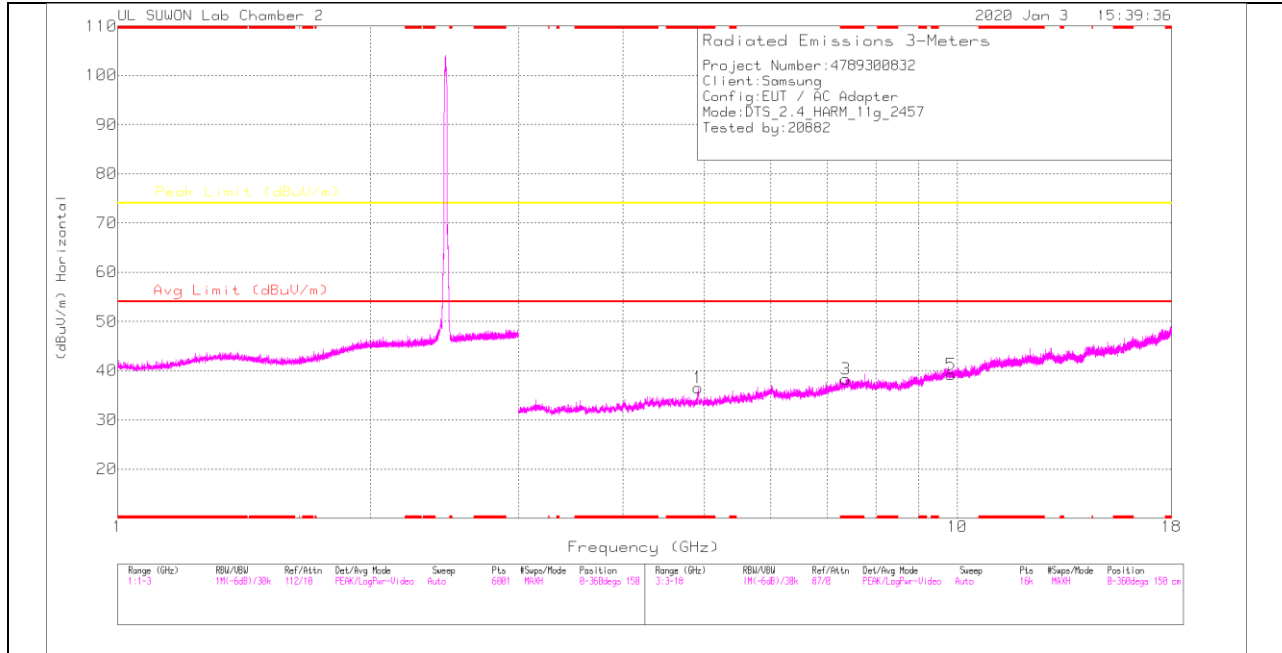
Frequency (GHz)	Meter Reading (dBuV)	Det	3117_00168724	3GHz_HP[dB]	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
* 4.8793	37.12	PK2	34	-27.8	0	43.32	-	-	74	-30.68	360	100	H
* 4.87928	36.71	PK2	34	-27.8	0	42.91	-	-	74	-31.09	360	100	V
* 7.30838	35.28	PK2	36.2	-24.9	0	46.58	-	-	74	-27.42	360	100	H
* 7.30833	35.58	PK2	36.2	-24.9	0	46.88	-	-	74	-27.12	360	100	V
9.7541	33.38	PK2	37.2	-21.2	0	49.38	-	-	74	-24.62	360	100	H
9.75399	32.29	PK2	37.2	-21.2	0	48.29	-	-	74	-25.71	360	100	V

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

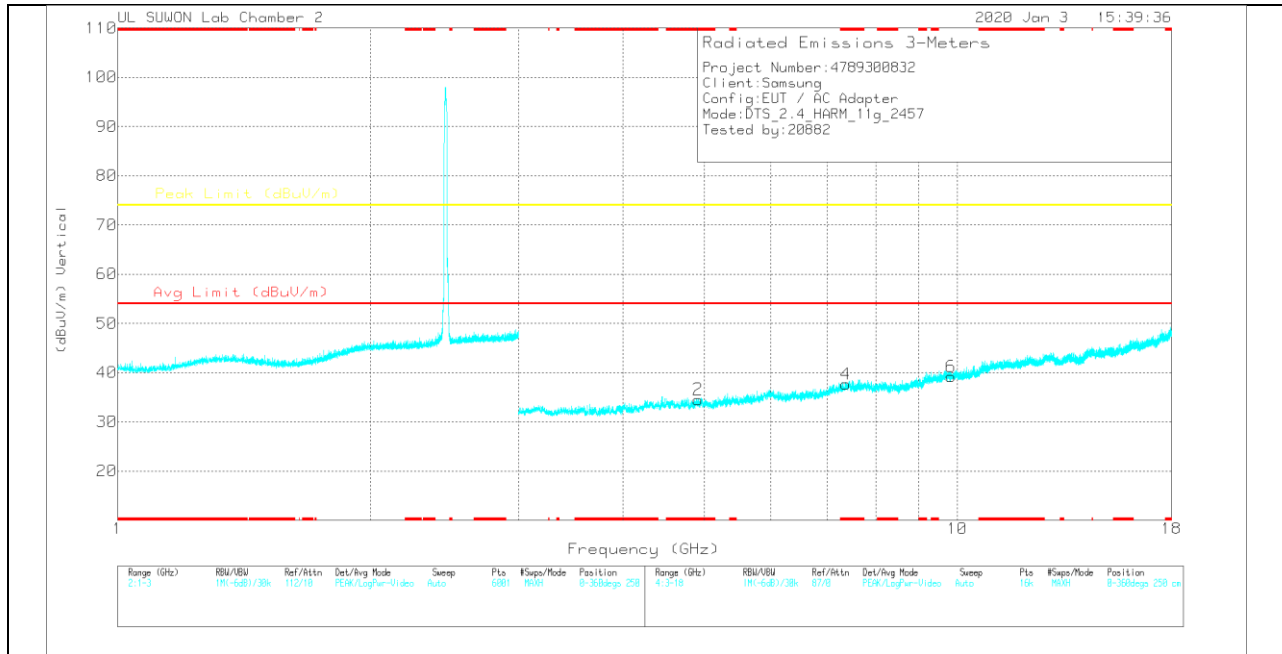
PK2 - KDB558074 Method: Maximum Peak

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

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
* 4.911	39	PK2	34	-27.3	0	45.7	-	-	74	-28.3	146	247	H
* 4.914	26.88	MAV1	34	-27.3	0	33.58	54	-20.42	-	-	146	247	H
* 4.91749	37.04	PK2	34	-27.2	0	43.84	-	-	74	-30.16	203	210	V
* 4.91266	24.7	MAV1	34	-27.3	0	31.4	54	-22.6	-	-	203	210	V
* 7.37258	35.16	PK2	36.2	-24.2	0	47.16	-	-	74	-26.84	360	100	H
* 7.36975	34.48	PK2	36.2	-24.2	0	46.48	-	-	74	-27.52	360	100	V
9.82869	32.43	PK2	37.3	-21.6	0	48.13	-	-	74	-25.87	360	100	H
9.82845	32.82	PK2	37.3	-21.6	0	48.52	-	-	74	-25.48	360	100	V

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

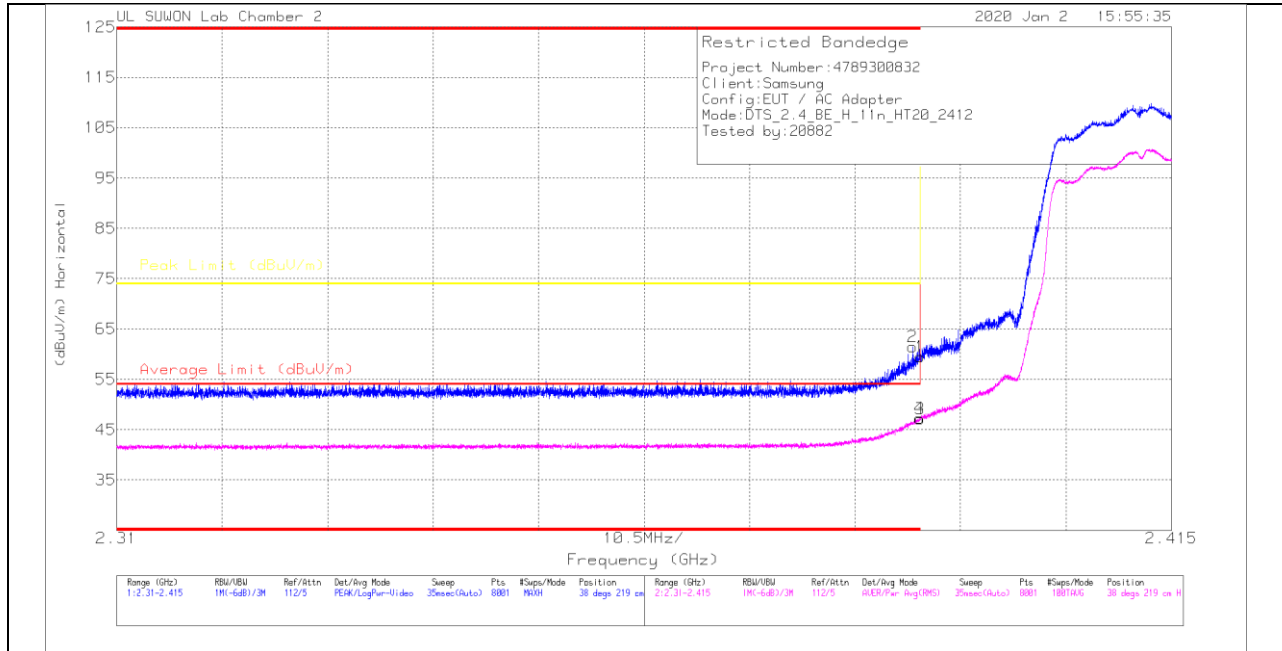
PK2 - KDB558074 Method: Maximum Peak

MAV1 - KDB558074 Option 1 Maximum RMS Average

11.2.3. TX ABOVE 1GHz 802.11n HT20 MODE IN THE 2.4 GHz BAND

RESTRICTED BANDEDGE (1 CHANNEL)

HORIZONTAL PEAK AND AVERAGE PLOT



HORIZONTAL DATA

Trace Markers

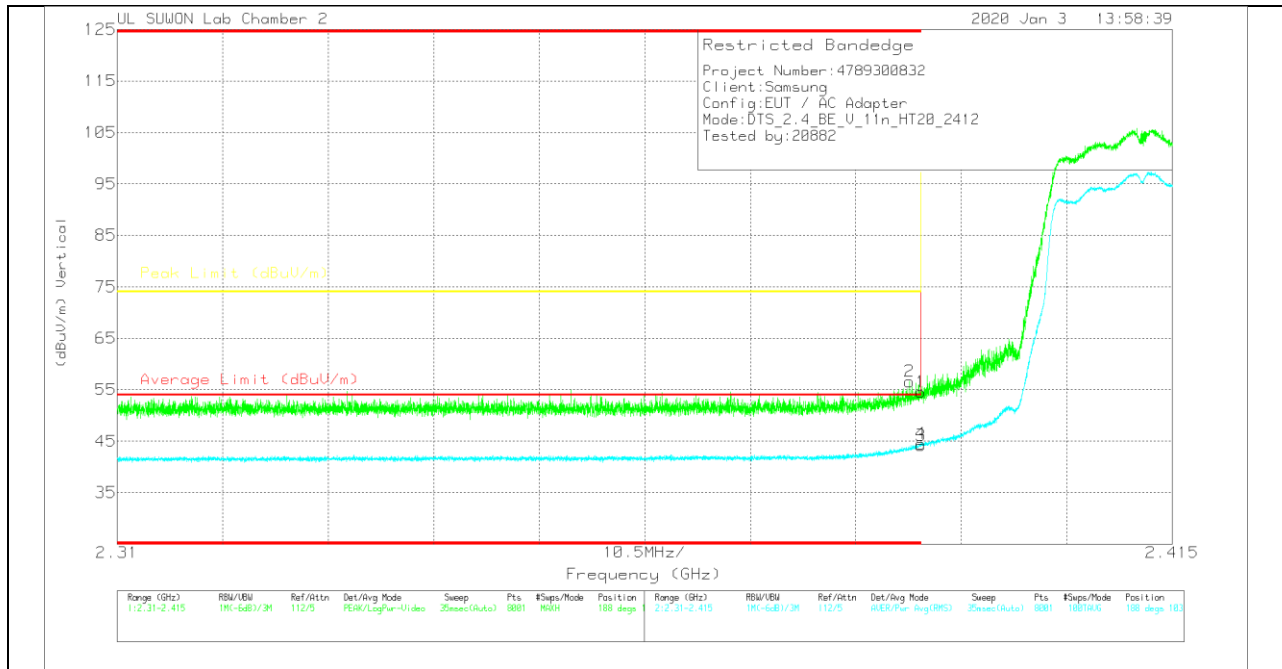
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	3117_00158724	10dB_ATT[dB]	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.39	48.5	PK	31.6	-20.6	0	59.5	-	-	74	-14.5	38	219	H
2	* 2.38921	50.49	PK	31.6	-20.6	0	61.49	-	-	74	-12.51	38	219	H
3	* 2.39	36.12	RMS	31.6	-20.6	0	47.12	54	-6.88	-	-	38	219	H
4	* 2.38989	36.21	RMS	31.6	-20.6	0	47.21	54	-6.79	-	-	38	219	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)	Asimuth (Degs)	Height (cm)	Polarity
1	* 2.39	43.55	Pk	31.6	-20.6	0	54.55	-	-	74	-19.45	188	103	V
2	* 2.38884	45.6	Pk	31.6	-20.6	0	56.6	-	-	74	-17.4	188	103	V
3	* 2.39	33.15	RMS	31.6	-20.6	0	44.15	54	-9.85	-	-	188	103	V
4	* 2.38996	33.49	RMS	31.6	-20.6	0	44.49	54	-9.51	-	-	188	103	V

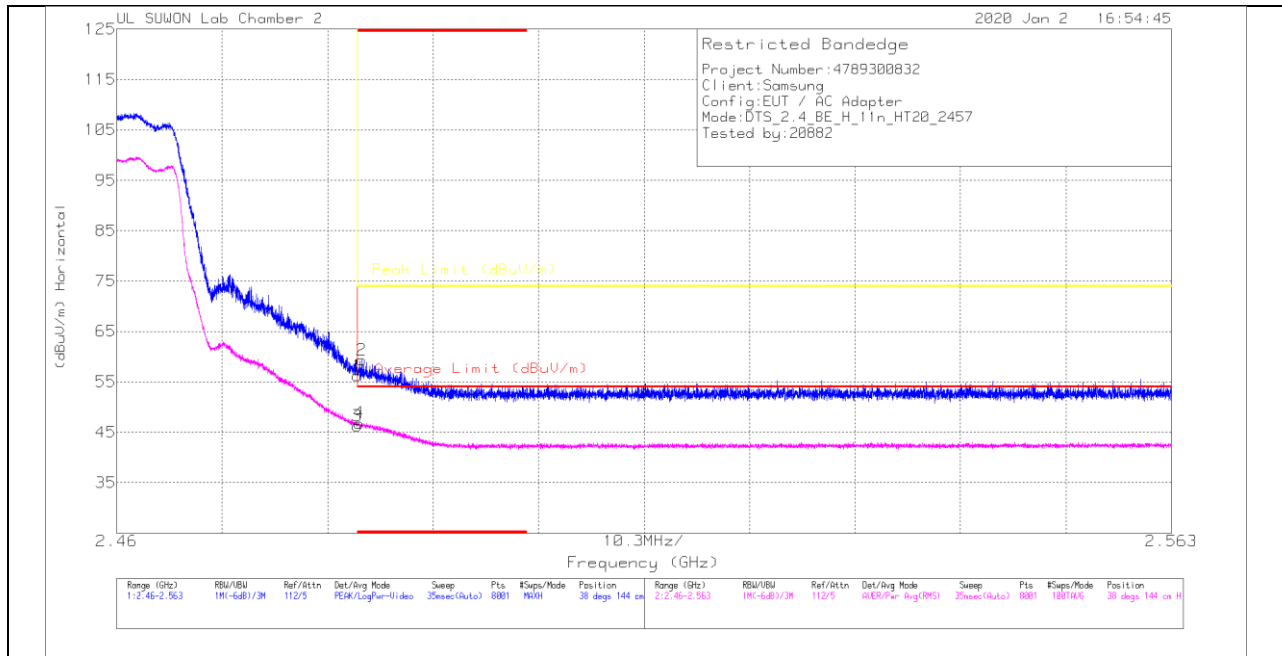
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

Pk - Peak detector

RMS - RMS detection

AUTHORIZED BANDEDGE (10 CHANNEL)

HORIZONTAL PEAK AND AVERAGE PLOT



HORIZONTAL DATA

Trace Markers

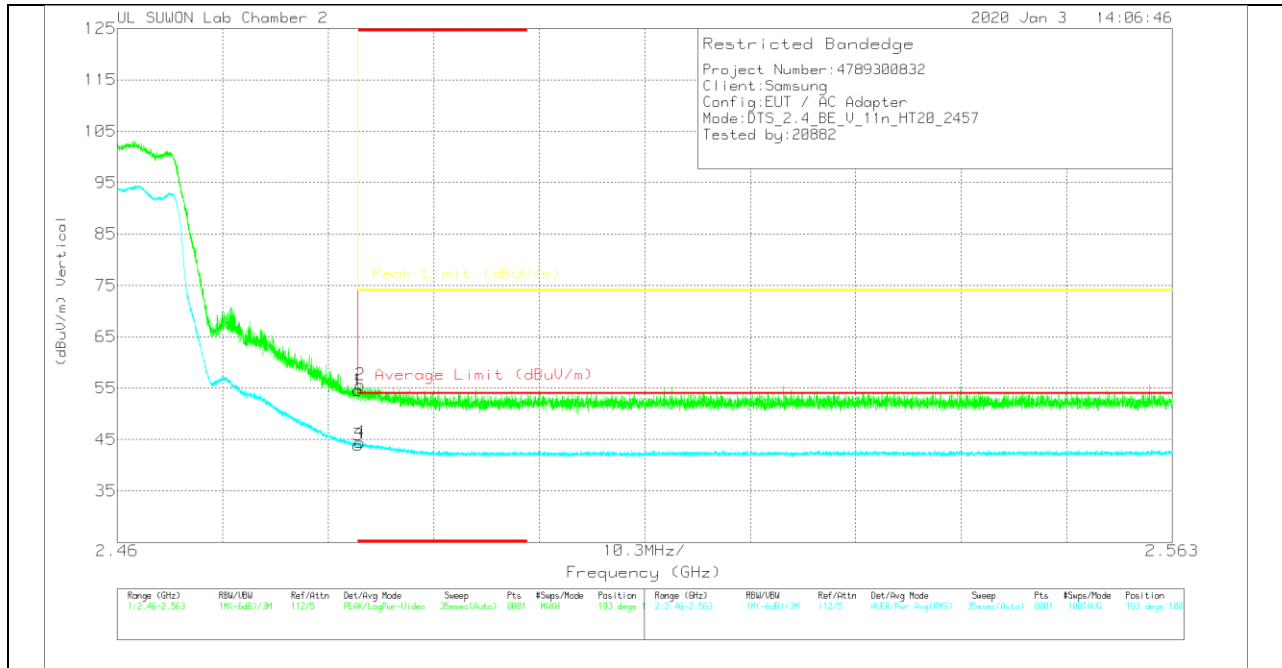
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	3117_00168724	10dB_ATT[dB]	DC Corr (dB)	Corrected Reading (dBuV)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Asimuth (Degs)	Height (cm)	Polarity
1	* 2.48351	44.75	Pk	31.9	-20.4	0	56.25	-	-	74	-17.75	38	144	H
2	* 2.48393	47.81	Pk	31.9	-20.4	0	59.31	-	-	74	-14.69	38	144	H
3	* 2.48351	34.77	RMS	31.9	-20.4	0	46.27	54	-7.73	-	-	38	144	H
4	* 2.4837	35.33	RMS	31.9	-20.4	0	46.83	54	-7.17	-	-	38	144	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_50168724	10dB_ATT[dB]	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Altitude (deg)	Height (m)	Polarity
1	* 2.48351	43.15	PK	31.9	-20.4	0	54.05	-	-	74	-19.35	193	100	V
2	* 2.48372	44.17	PK	31.9	-20.4	0	55.07	-	-	74	-18.33	193	100	V
3	* 2.48351	32.47	RMS	31.9	-20.4	0	43.97	54	-10.03	-	-	193	100	V
4	* 2.4837	32.96	RMS	31.9	-20.4	0	44.46	54	-9.54	-	-	193	100	V

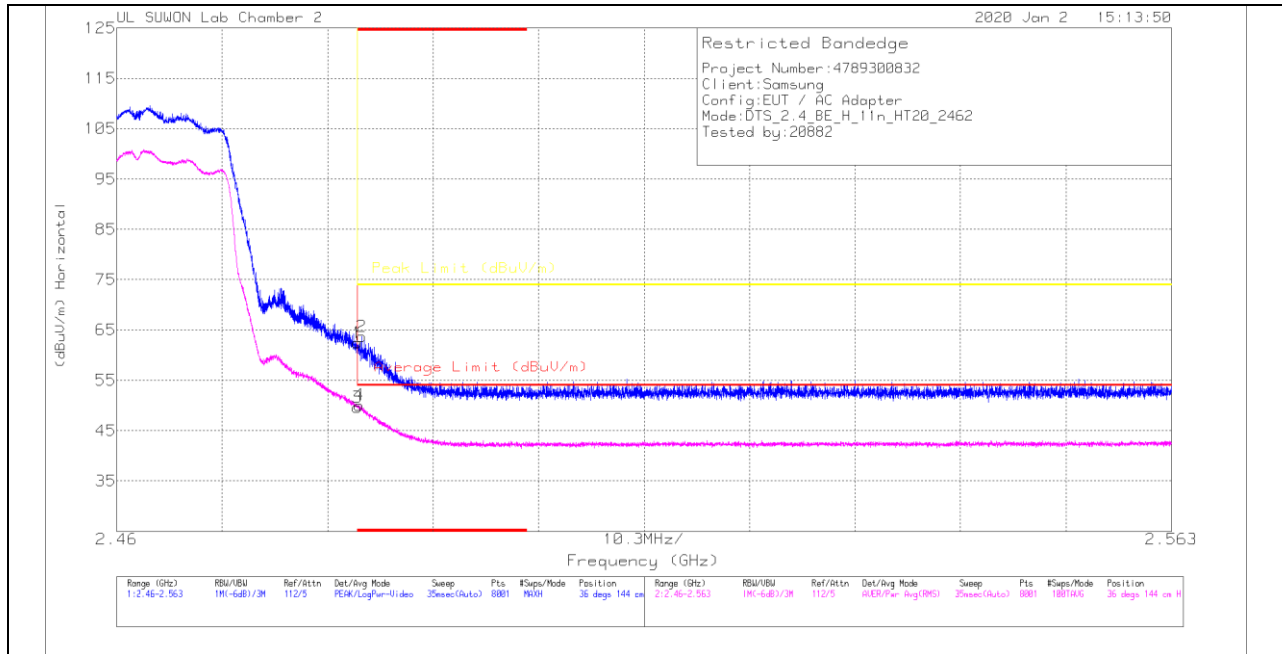
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

PK - Peak detector

RMS - RMS detection

AUTHORIZED BANDEDGE (11 CHANNEL)

HORIZONTAL PEAK AND AVERAGE PLOT



HORIZONTAL DATA

Trace Markers

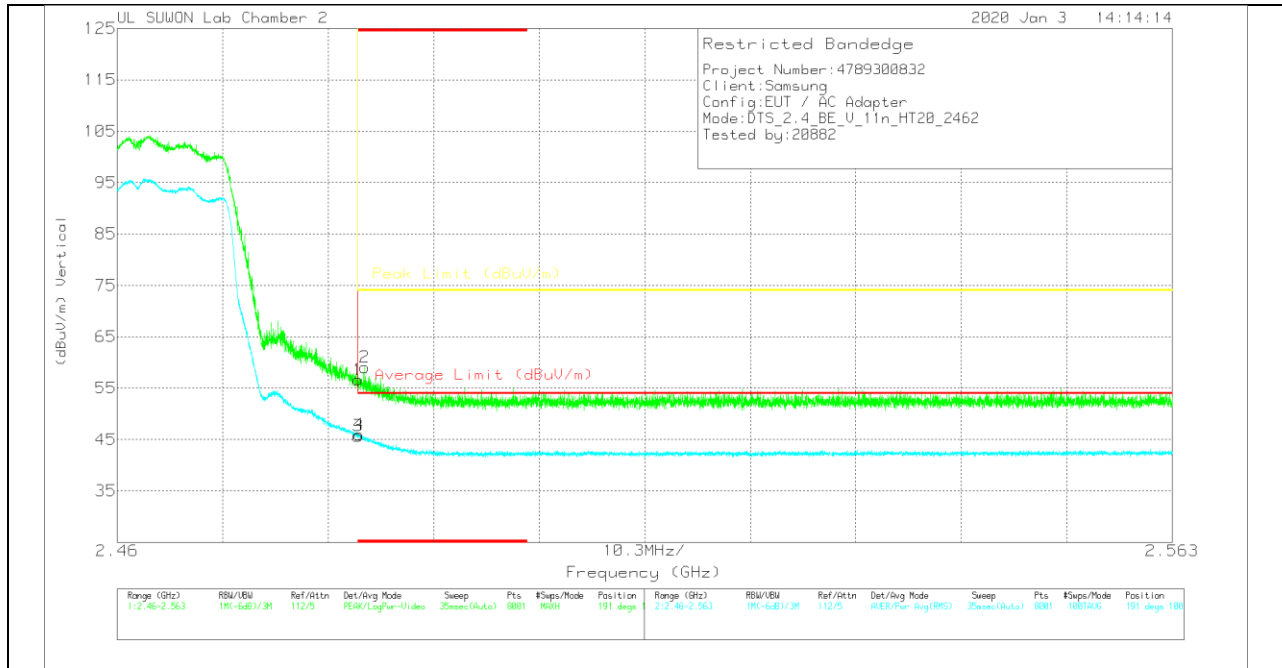
Marker	Frequency (GHz)	Meter Reading (dBu/m)	Det	3117_50168724	10dB_ATT[dB]	DC Corr (dB)	Corrected Reading (dBu/m)	Average Limit (dBu/m)	Margin (dB)	Peak Limit (dBu/m)	PK Margin (dB)	Amplitude (dBm)	Height (cm)	Polarity
1	* 2.48351	50.99	Pk	31.9	-20.4	0	62.49	-	-	74	-11.51	36	144	H
2	* 2.48392	52.17	Pk	31.9	-20.4	0	63.67	-	-	74	-10.33	36	144	H
3	* 2.48351	38.11	RMS	31.9	-20.4	0	49.61	54	-4.39	-	-	36	144	H
4	* 2.48368	38.57	RMS	31.9	-20.4	0	50.07	54	-3.93	-	-	36	144	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_50168724	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	45.13	PK	31.9	-20.4	0	55.63	-	-	74	-17.37	191	100	V
2	* 2.48419	47.55	PK	31.9	-20.4	0	59.05	-	-	74	-14.95	191	100	V
3	* 2.48351	34.21	RMS	31.9	-20.4	0	45.71	54	-8.29	-	-	191	100	V
4	* 2.4836	34.45	RMS	31.9	-20.4	0	45.95	54	-8.05	-	-	191	100	V

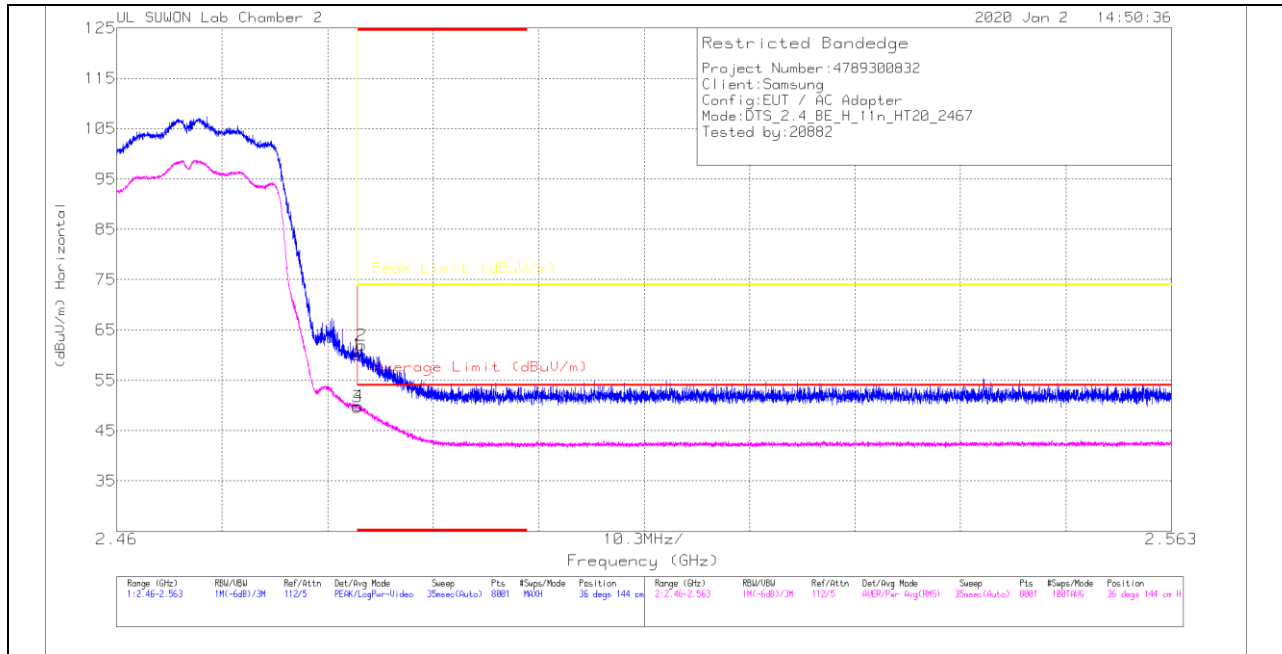
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

PK - Peak detector

RMS - RMS detection

AUTHORIZED BANDEDGE (12 CHANNEL)

HORIZONTAL PEAK AND AVERAGE PLOT



HORIZONTAL DATA

Trace Markers

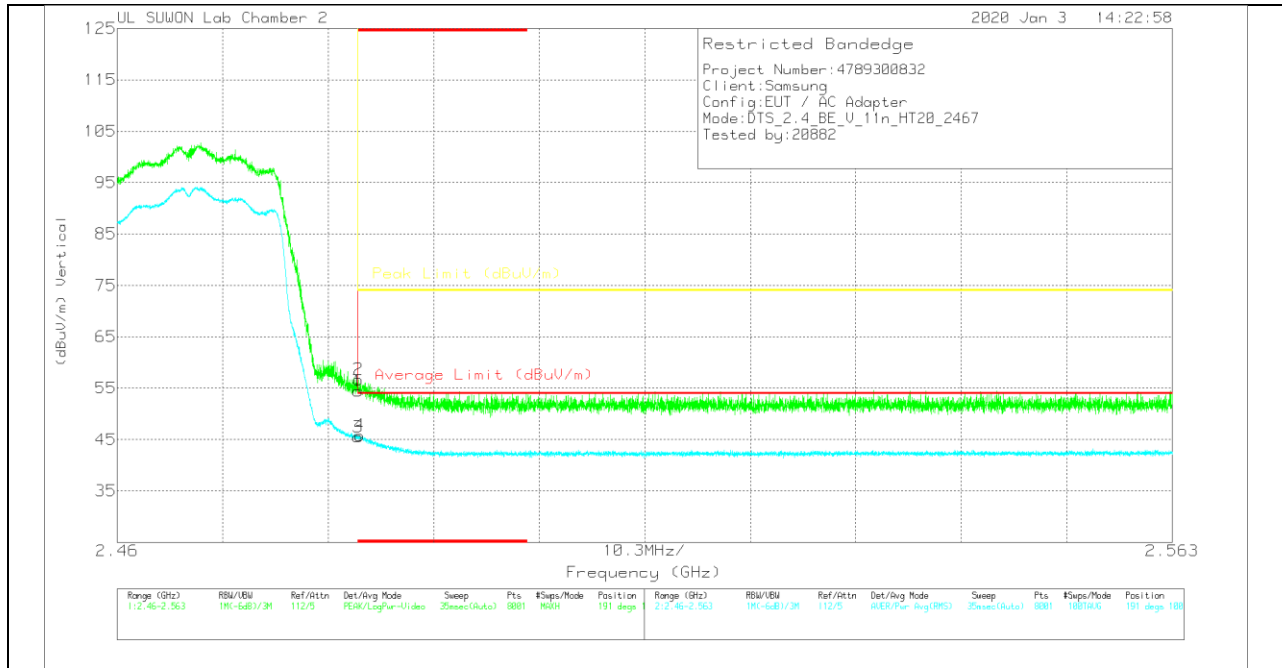
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	3117_50168724	10dB_ATT[dB]	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Altitude (m)	Height (m)	Polarity
1	* 2.48351	48.64	Pk	31.9	-20.4	0	60.14	-	-	74	-13.86	36	144	H
2	* 2.48391	50.48	Pk	31.9	-20.4	0	61.98	-	-	74	-12.02	36	144	H
3	* 2.48351	38.2	RMS	31.9	-20.4	0	49.7	54	-4.3	-	-	36	144	H
4	* 2.48361	38.37	RMS	31.9	-20.4	0	49.87	54	-4.13	-	-	36	144	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_50168724	10dB_ATT[dB]	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Altitude (deg)	Height (m)	Polarity
1	* 2.48351	42.94	PK	31.9	-20.4	0	54.44	-	-	74	-19.56	191	100	V
2	* 2.48356	45.19	PK	31.9	-20.4	0	56.89	-	-	74	-17.32	191	100	V
3	* 2.48351	34	RMS	31.9	-20.4	0	45.5	54	-8.5	-	-	191	100	V
4	* 2.48368	34.31	RMS	31.9	-20.4	0	45.81	54	-8.19	-	-	191	100	V

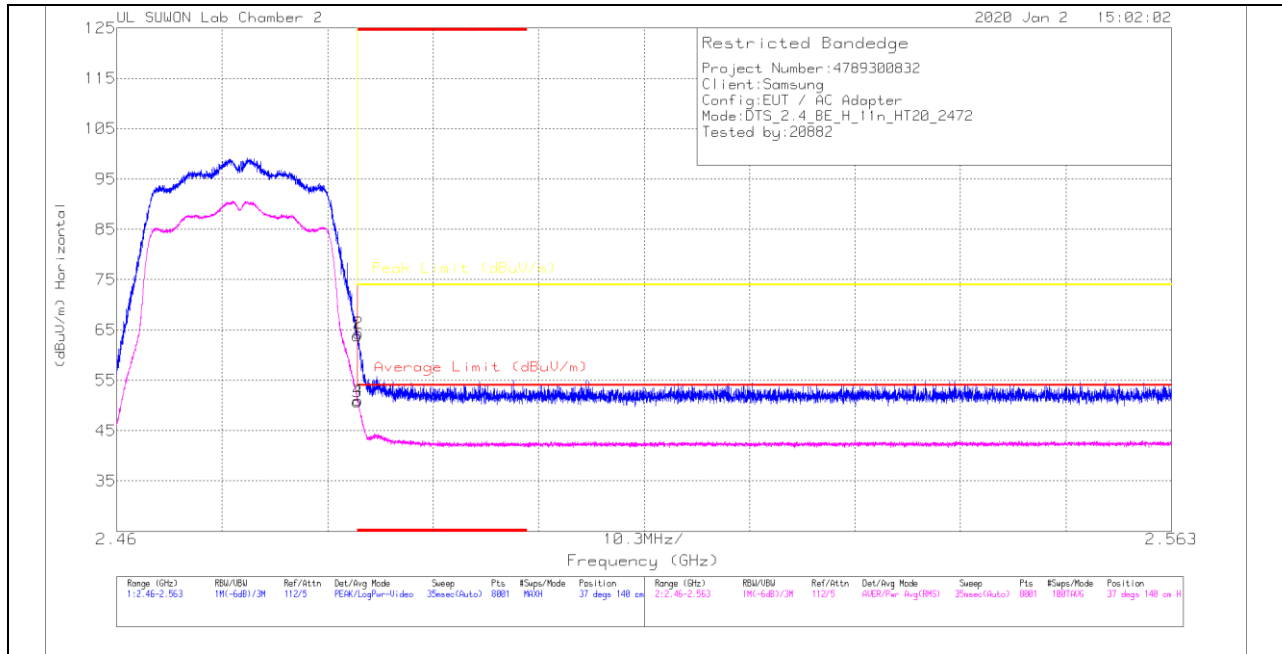
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

PK - Peak detector

RMS - RMS detection

AUTHORIZED BANDEDGE (13 CHANNEL)

HORIZONTAL PEAK AND AVERAGE PLOT



HORIZONTAL DATA

Trace Markers

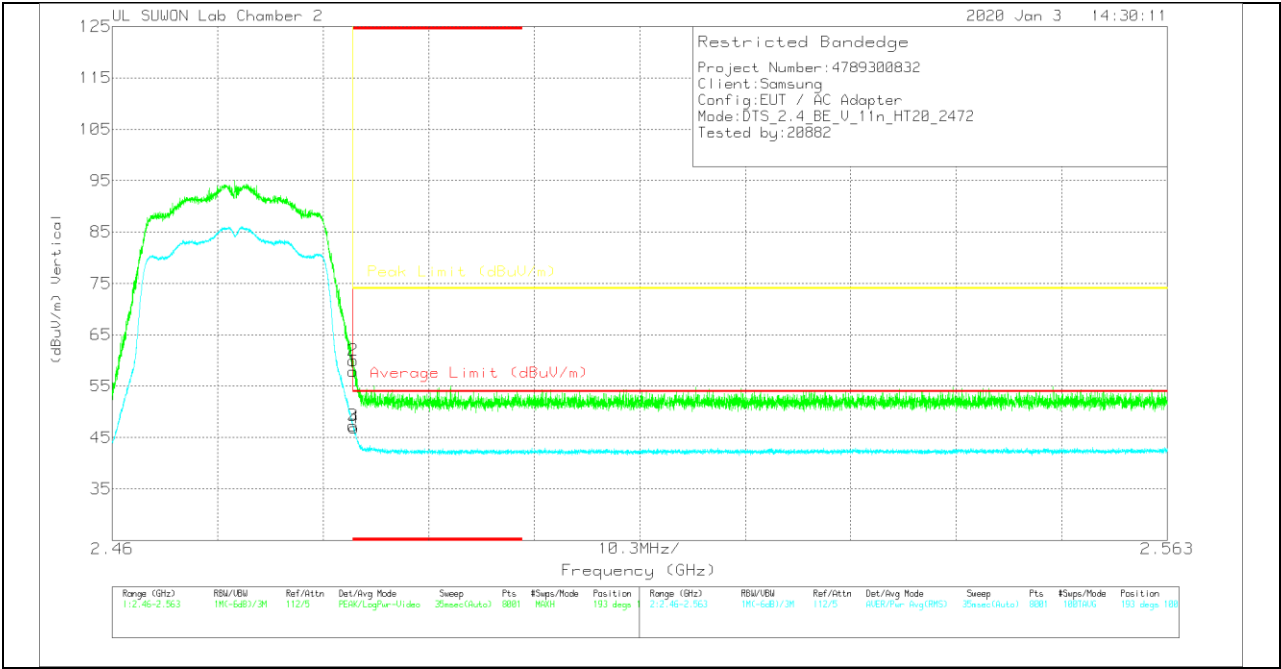
Marker	Frequency (GHz)	Meter Reading (dBu/m)	Det	3117_50168724	10dB_ATT[dB]	DC Corr (dB)	Corrected Reading (dBu/m)	Average Limit (dBu/m)	Margin (dB)	Peak Limit (dBu/m)	PK Margin (dB)	Altitude (deg)	Height (cm)	Polarity
1	* 2.48351	52.39	Pk	31.9	-20.4	0	63.59	-	-	74	-10.11	37	140	H
2	* 2.4836	52.82	Pk	31.9	-20.4	0	64.32	-	-	74	-9.68	37	140	H
3	* 2.48351	39.24	RMS	31.9	-20.4	0	50.74	54	-3.26	-	-	37	140	H
4	* 2.48355	39.45	RMS	31.9	-20.4	0	50.95	54	-3.05	-	-	37	140	H

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

Pk - Peak detector

RMS - RMS detection

VERTICAL PEAK AND AVERAGE PLOT



VERTICAL DATA

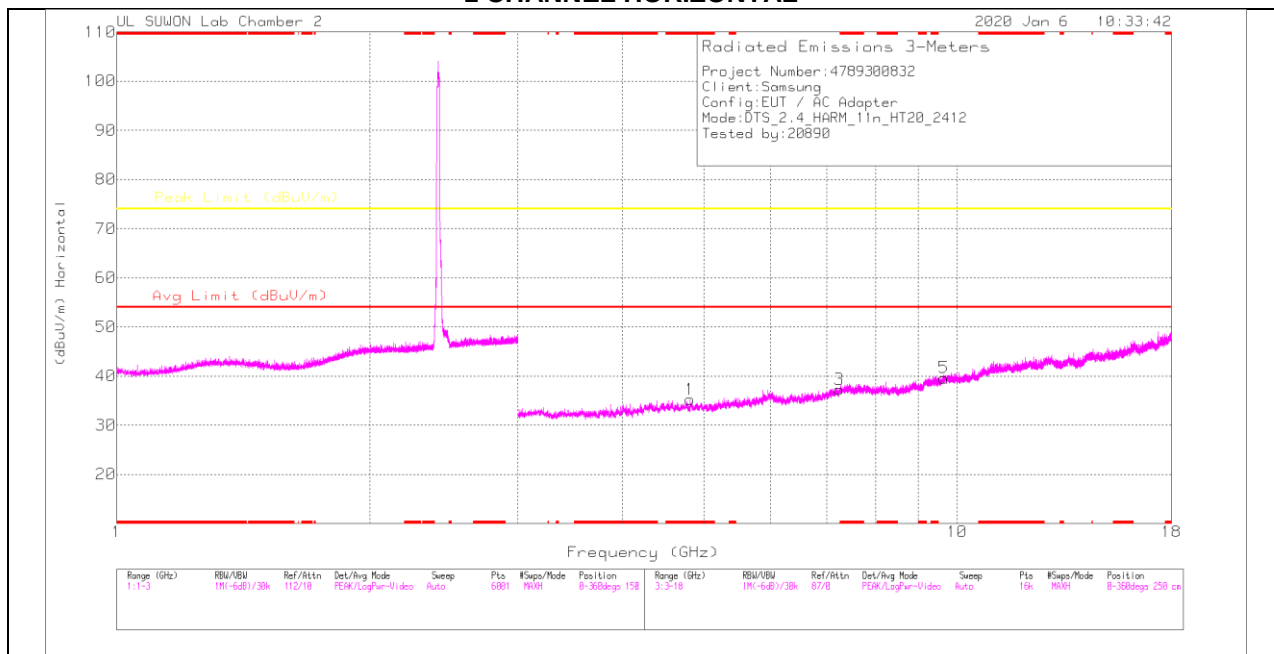
Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	3117_50168724	10dB_ATT[dB]	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Altitude (deg)	Height (m)	Polarity
1	* 2.48351	46.41	PK	31.9	-20.4	0	57.01	-	-	74	-16.09	193	100	V
2	* 2.48352	48.51	PK	31.9	-20.4	0	60.01	-	-	74	-13.99	193	100	V
3	* 2.48351	35.81	RMS	31.9	-20.4	0	47.31	54	-6.69	-	-	193	100	V
4	* 2.48359	35.36	RMS	31.9	-20.4	0	46.86	54	-7.14	-	-	193	100	V

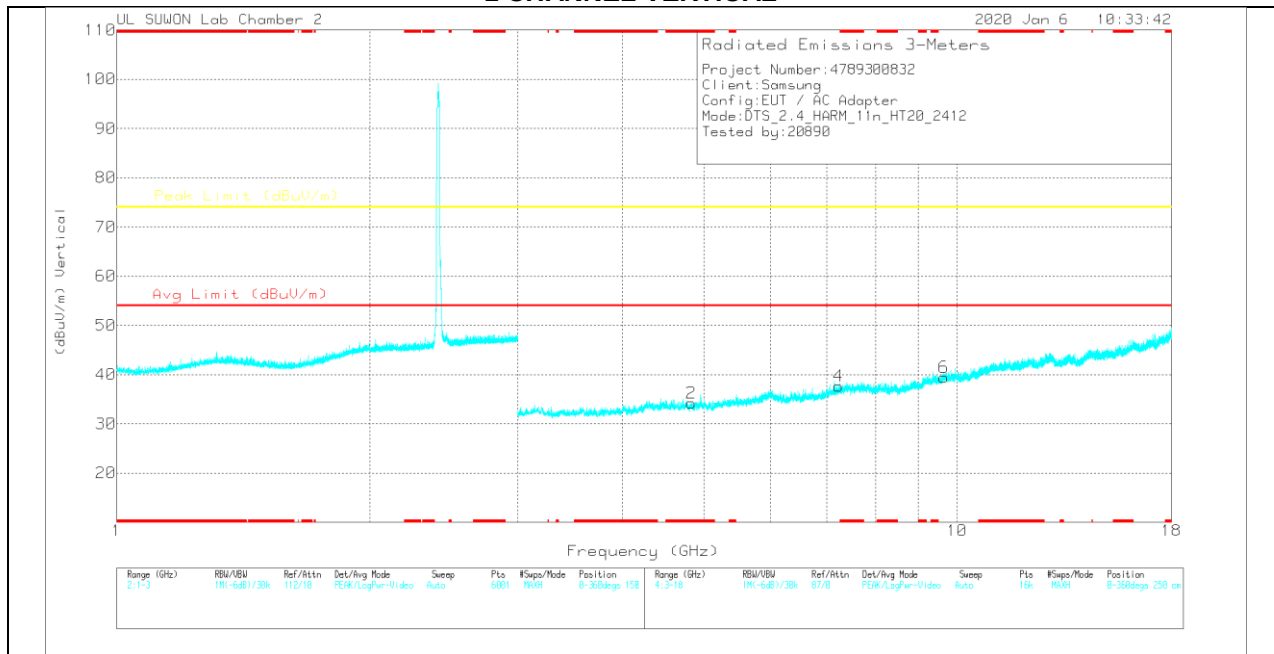
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band
Pk - Peak detector
RMS - RMS detection

HARMONICS AND SPURIOUS EMISSIONS

1 CHANNEL HORIZONTAL



1 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.

1 CHANNEL DATA

Radiated Emissions

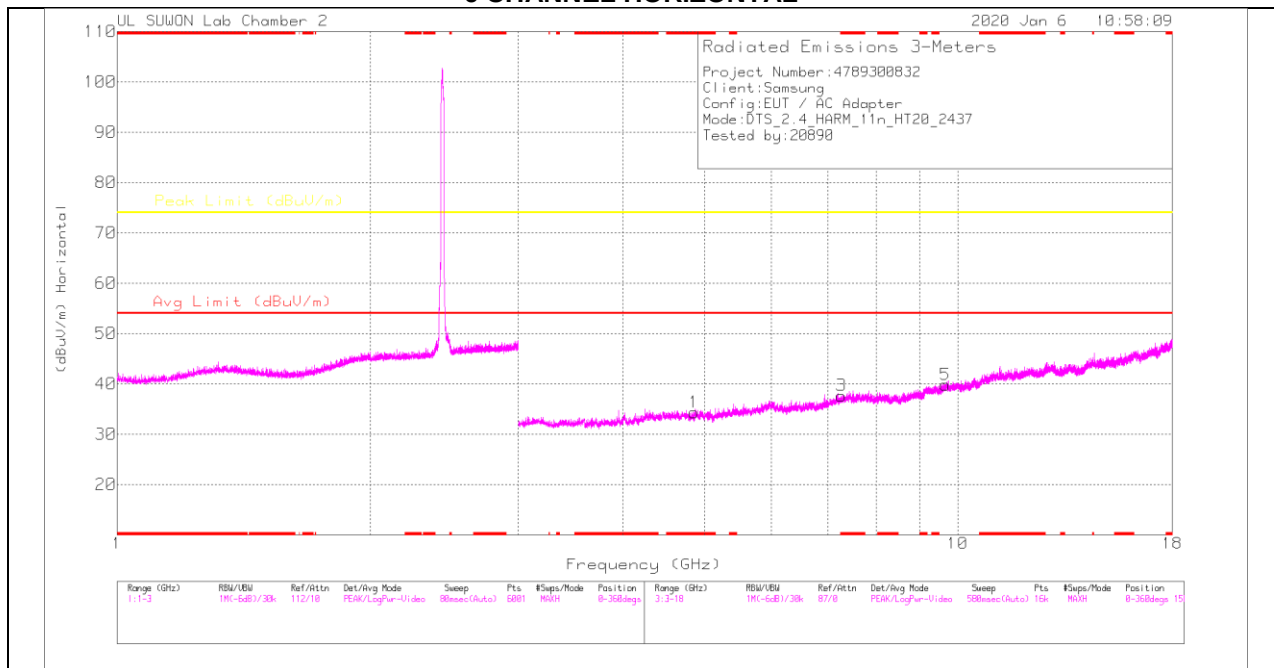
Frequency (GHz)	Meter Reading (dBuV)	Det	3117_00168724	3GHz_HP[dB]	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
* 4.81674	37.26	PK2	34	-28.1	0	43.16	-	-	74	-30.84	360	100	H
* 4.81747	37.29	PK2	34	-28.1	0	43.19	-	-	74	-30.81	360	100	V
7.23943	35.18	PK2	36.1	-25.4	0	45.88	-	-	74	-28.12	360	100	H
7.24015	35.33	PK2	36.1	-25.4	0	46.03	-	-	74	-27.97	360	100	V
9.64737	33.23	PK2	37	-21.5	0	48.73	-	-	74	-25.27	360	100	H
9.65103	33.11	PK2	37.1	-21.4	0	48.81	-	-	74	-25.19	360	100	V

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

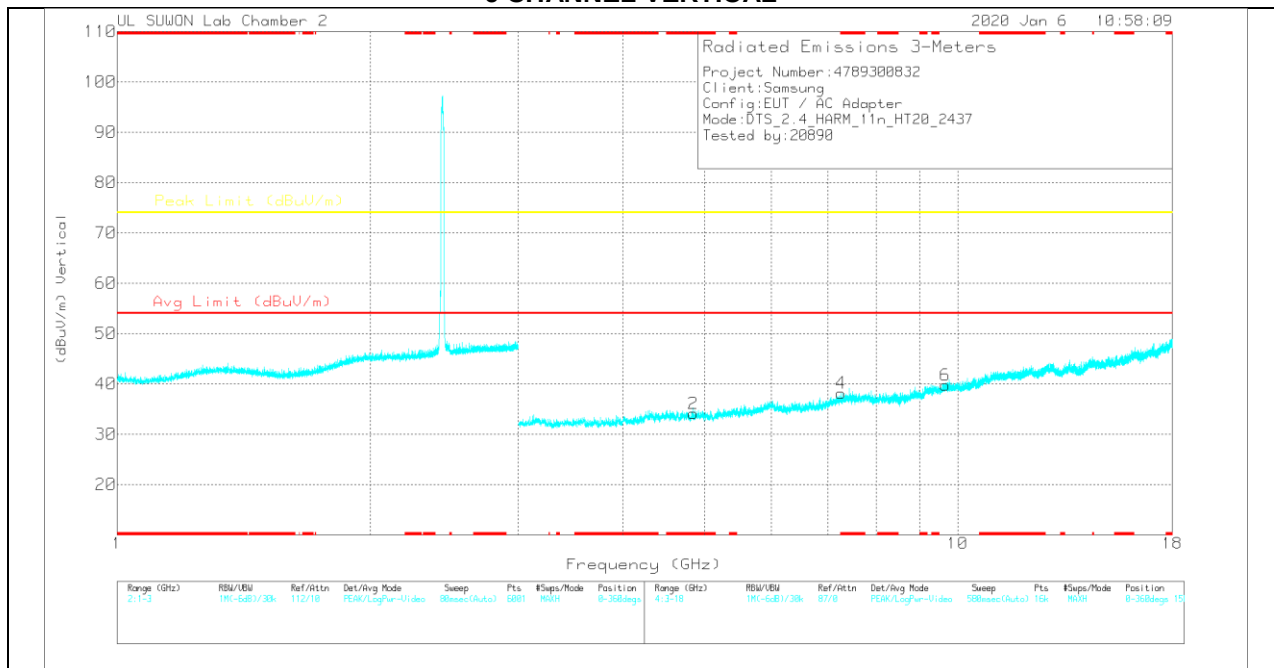
PK2 - KDB558074 Method: Maximum Peak

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

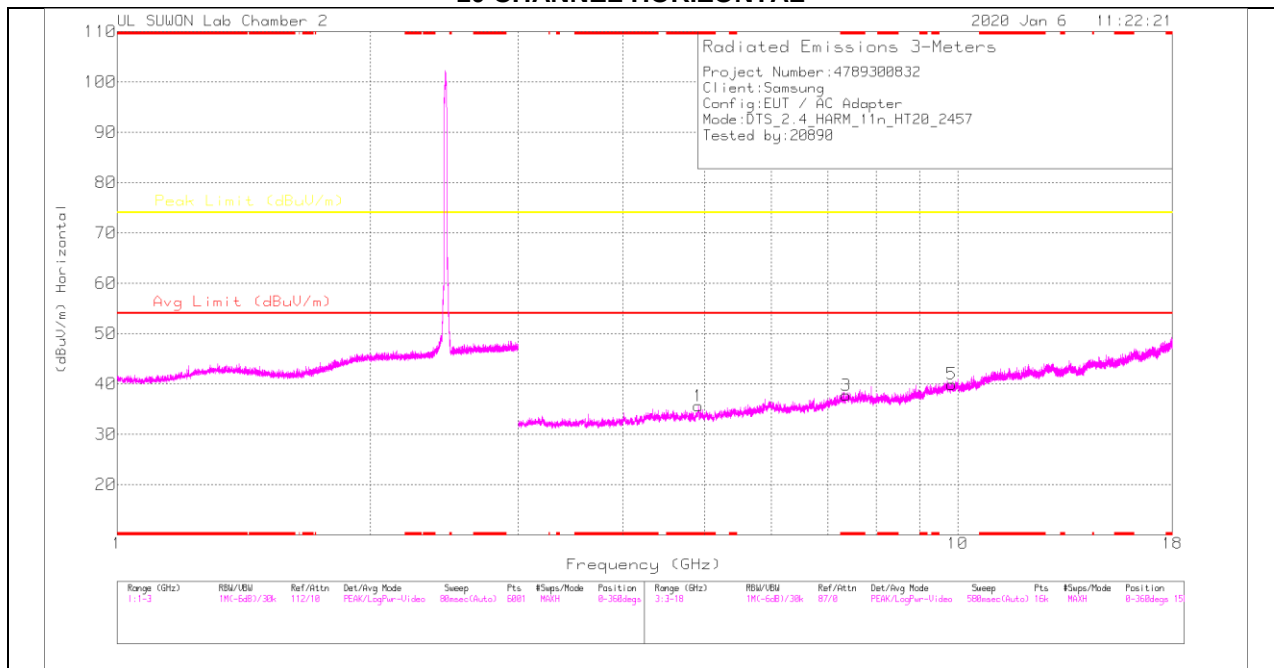
Frequency (GHz)	Meter Reading (dBuV)	Det	3117_00168724	3GHz_HP[dB]	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
* 4.85395	36.57	PK2	34	-28.1	0	42.47	-	-	74	-31.53	360	100	H
* 4.85539	36.85	PK2	34	-28	0	42.85	-	-	74	-31.15	360	100	V
* 7.2695	35.38	PK2	36.2	-25.3	0	46.28	-	-	74	-27.72	360	100	H
* 7.27049	35.19	PK2	36.2	-25.2	0	46.19	-	-	74	-27.81	360	100	V
9.6699	32.95	PK2	37.1	-21.3	0	48.75	-	-	74	-25.25	360	100	H
9.66769	32.58	PK2	37.1	-21.3	0	48.38	-	-	74	-25.62	360	100	V

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

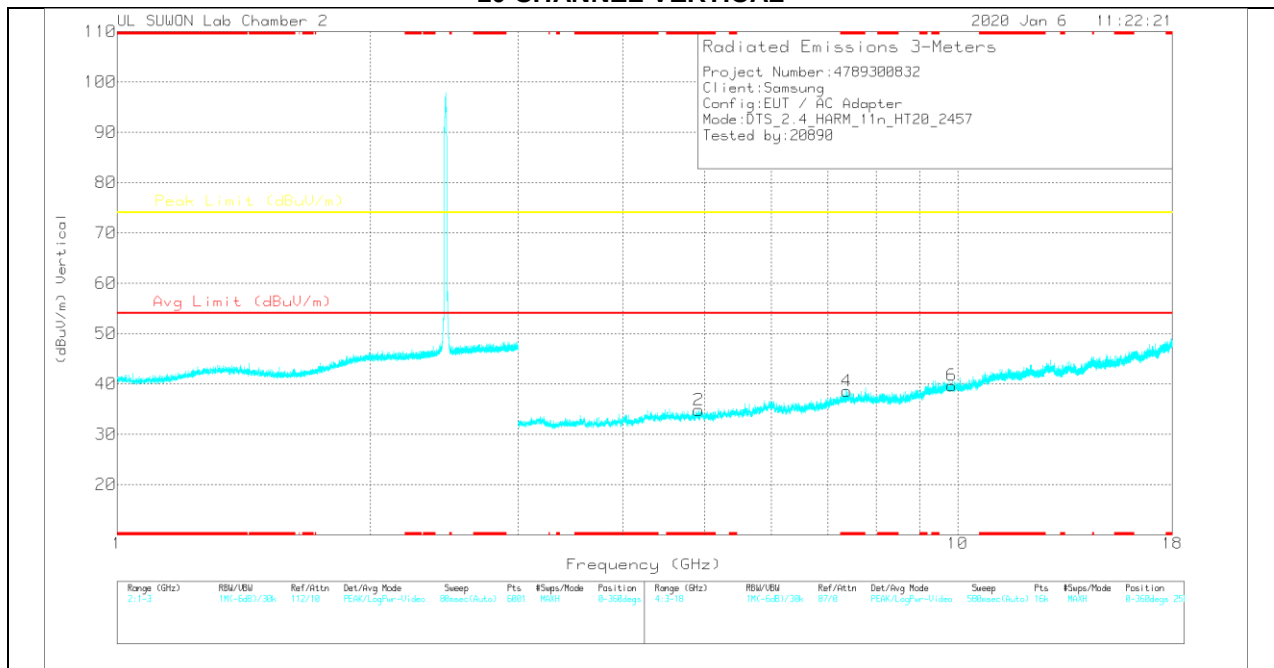
PK2 - KDB558074 Method: Maximum Peak

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

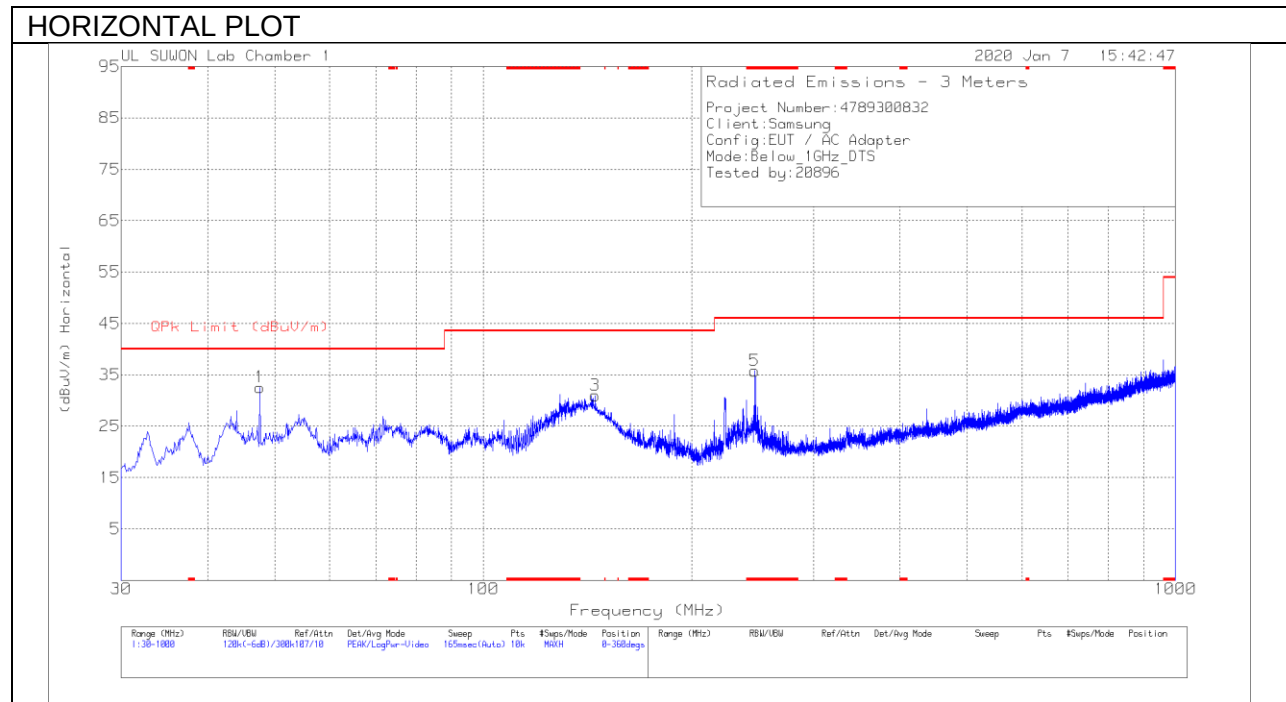
Frequency (GHz)	Meter Reading (dBuV)	Det	3117_00168724	3GHz_HP[dB]	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
* 4.91096	36.71	PK2	34	-27.3	0	43.41	-	-	74	-30.59	360	100	H
* 4.90415	36.17	PK2	34	-27.4	0	42.77	-	-	74	-31.23	0	100	V
* 7.36826	34.34	PK2	36.2	-24.2	0	46.34	-	-	74	-27.66	0	100	H
* 7.36587	35.4	PK2	36.2	-24.2	0	47.4	-	-	74	-26.6	0	100	V
9.83141	32.8	PK2	37.3	-21.6	0	48.5	-	-	74	-25.5	0	100	H
9.82978	32.49	PK2	37.3	-21.6	0	48.19	-	-	74	-25.81	0	100	V

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

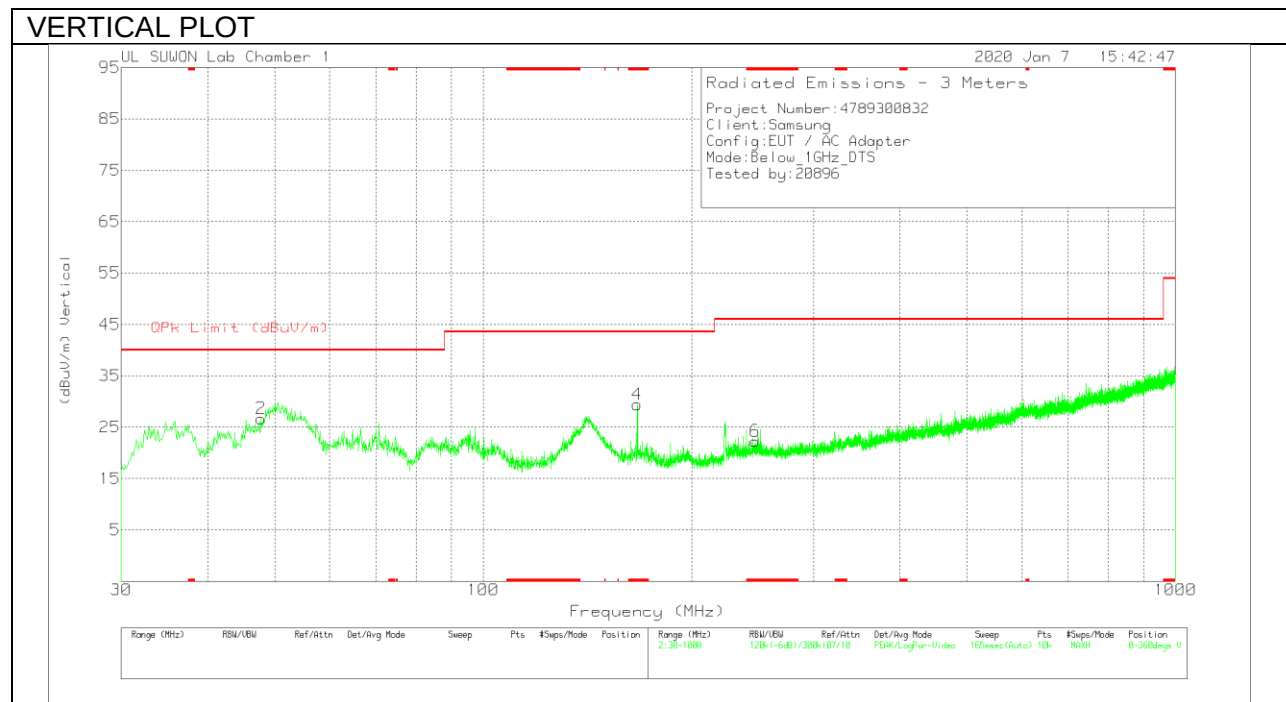
Note: Only peak measurement was performed. Because peak measurement result of unwanted emission is less than average limit (54dBuV/m).

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]	Corrected Reading (dBuV/m)	QPk Limit (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	47.557	42.27	Pk	19.8	-29.5	32.57	40	-7.43	0-360	100	H
3	145.236	44.99	Pk	14.1	-28.1	30.99	43.52	-12.53	0-360	200	H
5	* 246.601	44.26	Pk	18.9	-27.4	35.76	46.02	-10.26	0-360	100	H
2	47.751	36.47	Pk	19.8	-29.6	26.67	40	-13.33	0-360	200	V
4	* 166.867	42.52	Pk	14.8	-27.9	29.42	43.52	-14.1	0-360	100	V
6	* 247.183	30.75	Pk	19	-27.5	22.25	46.02	-23.77	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.

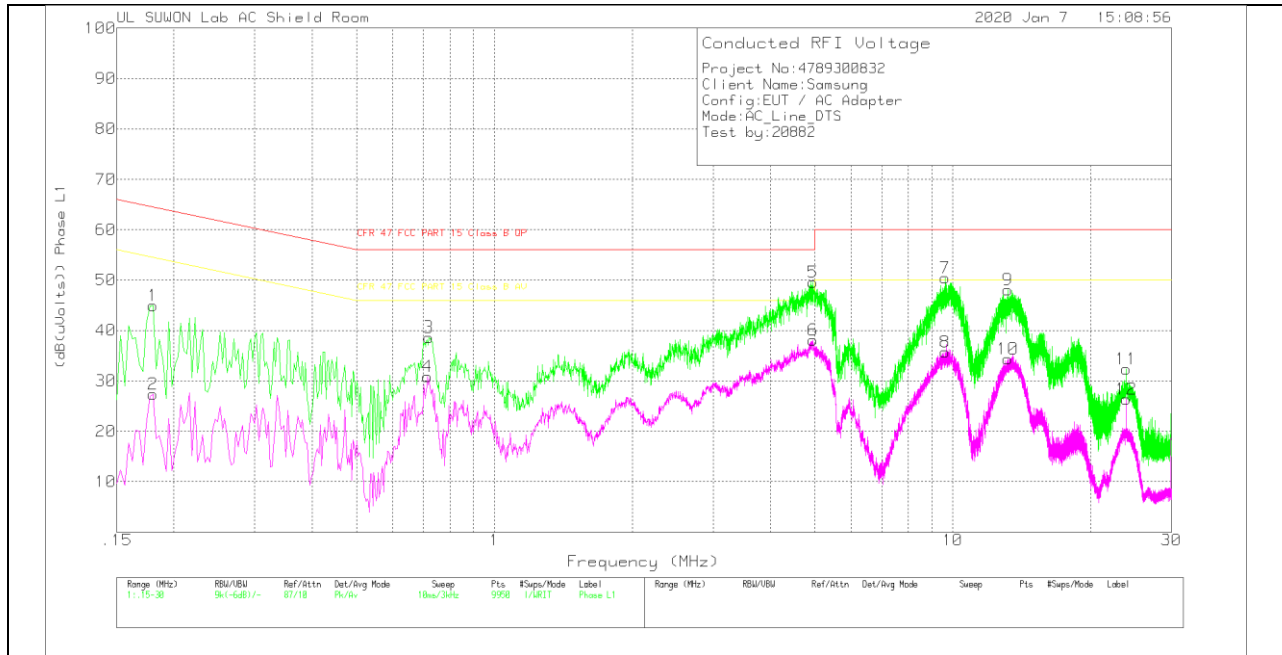
The receiver is set to a resolution bandwidth of 9 kHz. Peak detection is used unless otherwise noted as quasi-peak or average.

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	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	.18	34.76	Pk	10	.2	44.96	64.49	-19.53	-	-
2	.18	17.2	Av	10	.2	27.4	-	-	54.49	-27.09
3	.72	28.55	Pk	9.9	.2	38.65	56	-17.35	-	-
4	.714	20.75	Av	9.9	.2	30.85	-	-	46	-15.15
5	4.956	39.51	Pk	9.8	.3	49.61	56	-6.39	-	-
6	4.947	28	Av	9.8	.3	38.1	-	-	46	-7.9
7	9.615	40.09	Pk	9.9	.4	50.39	60	-9.61	-	-
8	9.624	25.39	Av	9.9	.4	35.69	-	-	50	-14.31
9	13.191	37.6	Pk	10.1	.4	48.1	60	-11.9	-	-
10	13.197	23.89	Av	10.1	.4	34.39	-	-	50	-15.61
11	23.94	21.42	Pk	10.5	.4	32.32	60	-27.68	-	-
12	23.94	15.48	Av	10.5	.4	26.38	-	-	50	-23.62

Pk - Peak detector

Av - Average detection

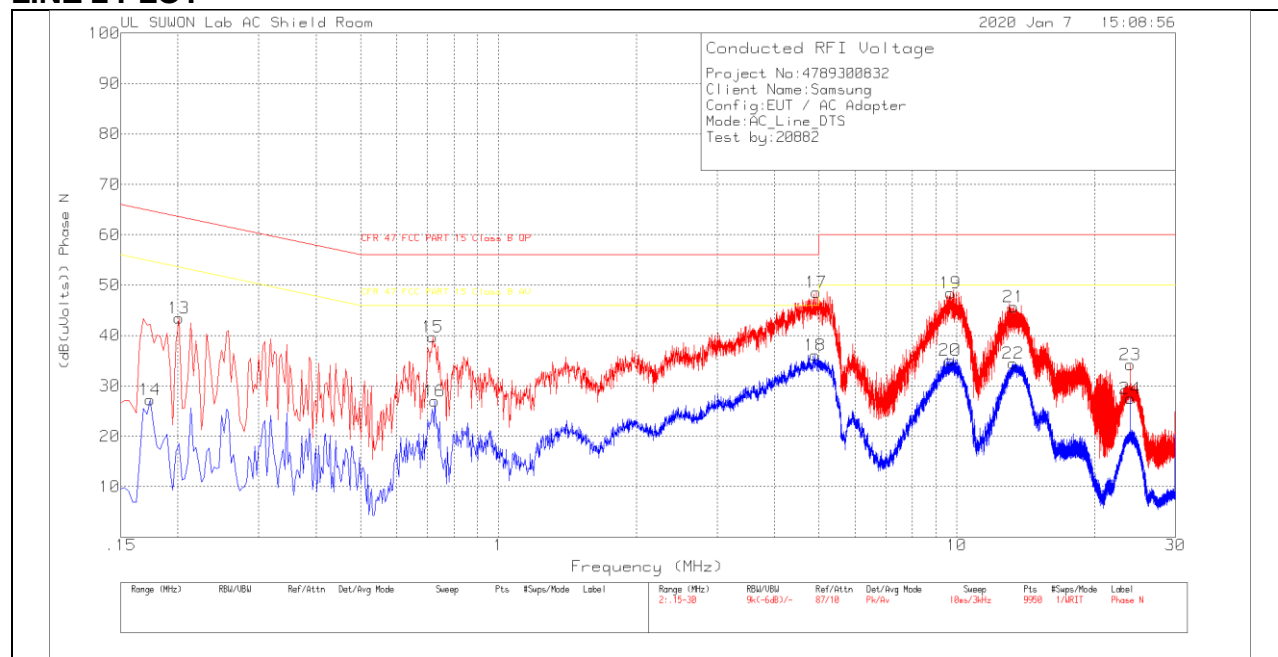
Quasi-Peak Emissions

Range 1: Phase L1 .15 - 30MHz

Frequency (MHz)	Meter Reading (dBuV)	Det	101836_With Ex_L1[dB]	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)
4.95675	33.4	Qp	9.8	.3	43.5	56	-12.5	-	-
9.61425	33.4	Qp	9.9	.4	43.7	60	-16.3	-	-

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]	CABLELOSS 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	.201	33.34	Pk	9.9	.2	43.44	63.57	-20.13	-	-
14	.174	17.04	Av	10	.2	27.24	-	-	54.77	-27.53
15	.72	29.57	Pk	9.9	.2	39.67	56	-16.33	-	-
16	.726	16.94	Av	9.9	.2	27.04	-	-	46	-18.96
17	4.941	38.45	Pk	9.8	.3	48.55	56	-7.45	-	-
18	4.911	26.04	Av	9.8	.3	36.14	-	-	46	-9.86
19	9.693	38.08	Pk	9.9	.4	48.38	60	-11.62	-	-
20	9.672	24.81	Av	9.9	.4	35.11	-	-	50	-14.89
21	13.296	35.18	Pk	10.1	.4	45.68	60	-14.32	-	-
22	13.254	23.94	Av	10.1	.4	34.44	-	-	50	-15.56
23	23.94	23.37	Pk	10.5	.4	34.27	60	-25.73	-	-
24	23.94	16.63	Av	10.5	.4	27.53	-	-	50	-22.47

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]	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)
4.94025	32.4	Qp	9.8	.3	42.5	56	-13.5	-	-

Qp - Quasi-Peak detector

END OF REPORT