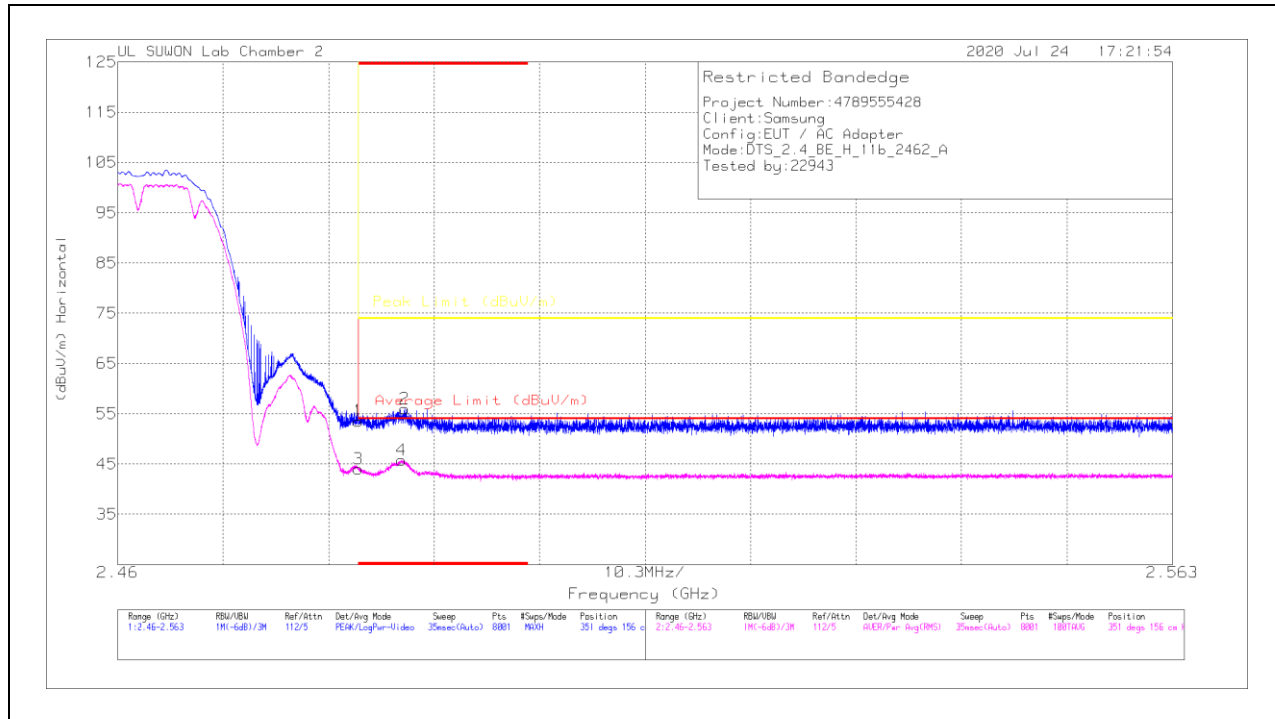


BANDEDGE (HIGH CHANNEL, CH 11)

HORIZONTAL RESULT



Trace Markers

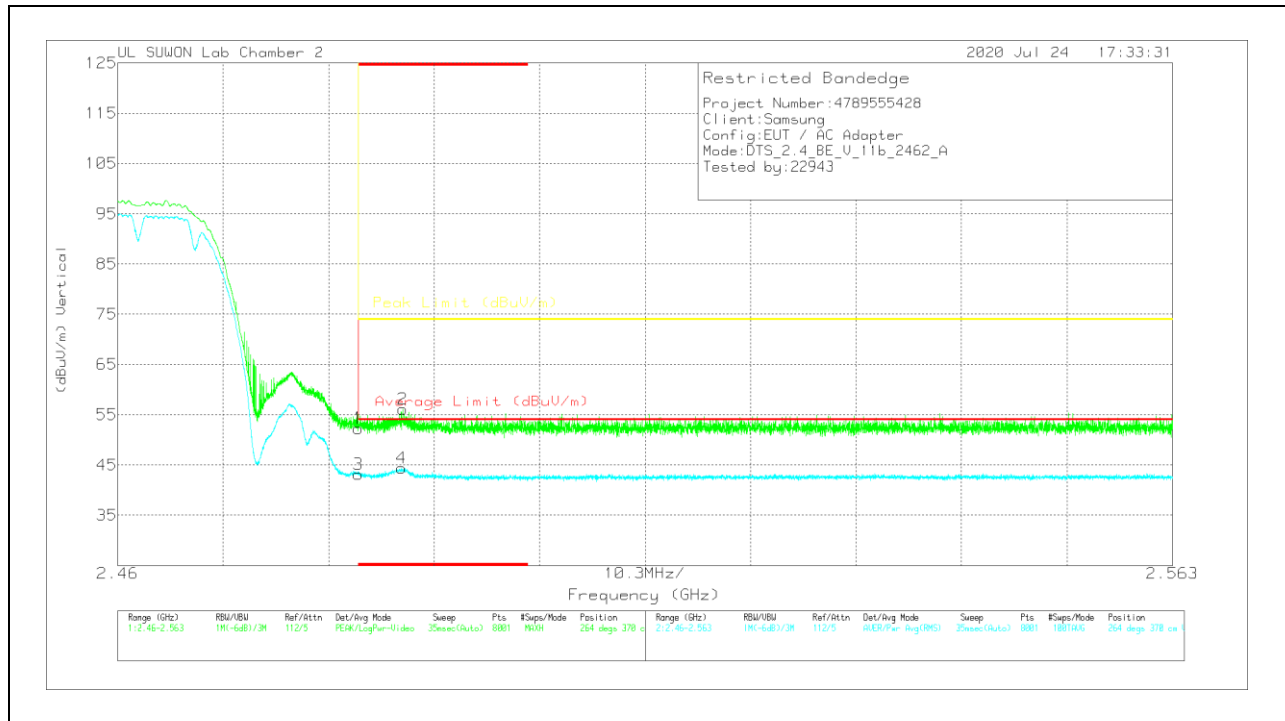
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	3117_00218957	10dB_ATT[dB]	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Altitude (Degs)	Height (cm)	Polarity
1	* 2.48351	41.76	PK	32.2	-20.4	0	53.56	-	-	74	-20.44	351	156	H
2	* 2.488	44.26	PK	32.2	-20.5	0	55.96	-	-	74	-18.04	351	156	H
3	* 2.48351	32.27	RMS	32.2	-20.4	0	44.07	54	-9.93	-	-	351	156	H
4	* 2.48769	34.06	RMS	32.2	-20.5	0	45.76	54	-8.24	-	-	351	156	H

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

Pk - Peak detector

RMS - RMS detection

VERTICAL RESULT



Trace Markers

Marker	Frequency (GHz)	Meas Reading (dBuV)	Det	3117_00218957	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 (cm)	Polarity
1	* 2.48351	40.51	Pk	32.2	-20.4	0	52.31	-	-	74	-21.69	264	370	V
2	* 2.48782	44.38	Pk	32.2	-20.5	0	56.08	-	-	74	-17.92	264	370	V
3	* 2.48351	31.38	RMS	32.2	-20.4	0	43.18	54	-10.82	-	-	264	370	V
4	* 2.48773	32.68	RMS	32.2	-20.5	0	44.38	54	-9.62	-	-	264	370	V

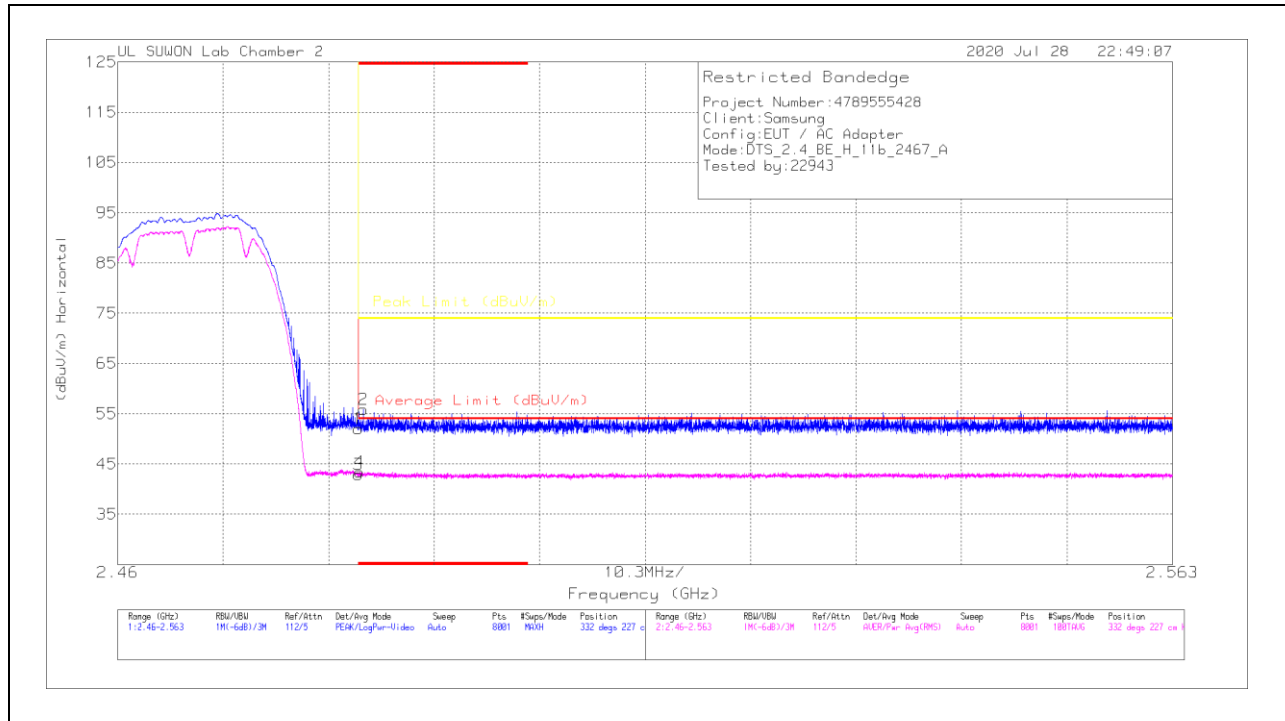
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

Pk - Peak detector

RMS - RMS detection

BANDEDGE (HIGH CHANNEL, CH 12)

HORIZONTAL RESULT



Trace Markers

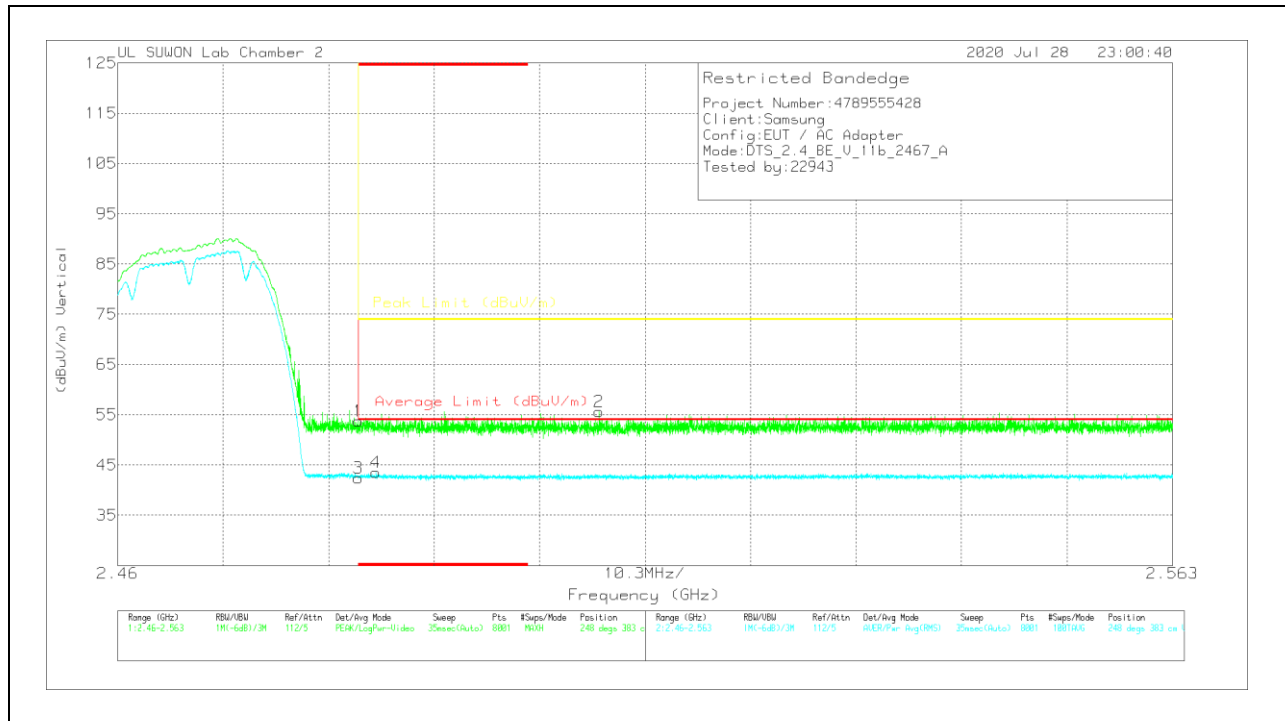
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	3117_00218957	10dB_ATT[dB]	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.48351	40.2	Pk	32.2	-20.4	0	52	-	-	74	-22	332	227	H
2	* 2.484	44.11	Pk	32.2	-20.4	0	55.91	-	-	74	-18.09	332	227	H
3	* 2.48351	31.12	RMS	32.2	-20.4	0	42.92	54	-11.08	-	-	332	227	H
4	* 2.48364	31.6	RMS	32.2	-20.4	0	43.4	54	-10.6	-	-	332	227	H

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

Pk - Peak detector

RMS - RMS detection

VERTICAL RESULT



Trace Markers

Marker	Frequency (GHz)	Meas Reading (dBuV)	Det	3117_00218957	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	41.99	Pk	32.2	-20.4	0	53.79	-	-	74	-20.21	248	383	V
2	2.50698	43.78	Pk	32.2	-20.4	0	55.58	-	-	74	-18.42	248	383	V
3	* 2.48351	30.56	RMS	32.2	-20.4	0	42.36	54	-11.64	-	-	248	383	V
4	* 2.4852	31.68	RMS	32.2	-20.4	0	43.48	54	-10.52	-	-	248	383	V

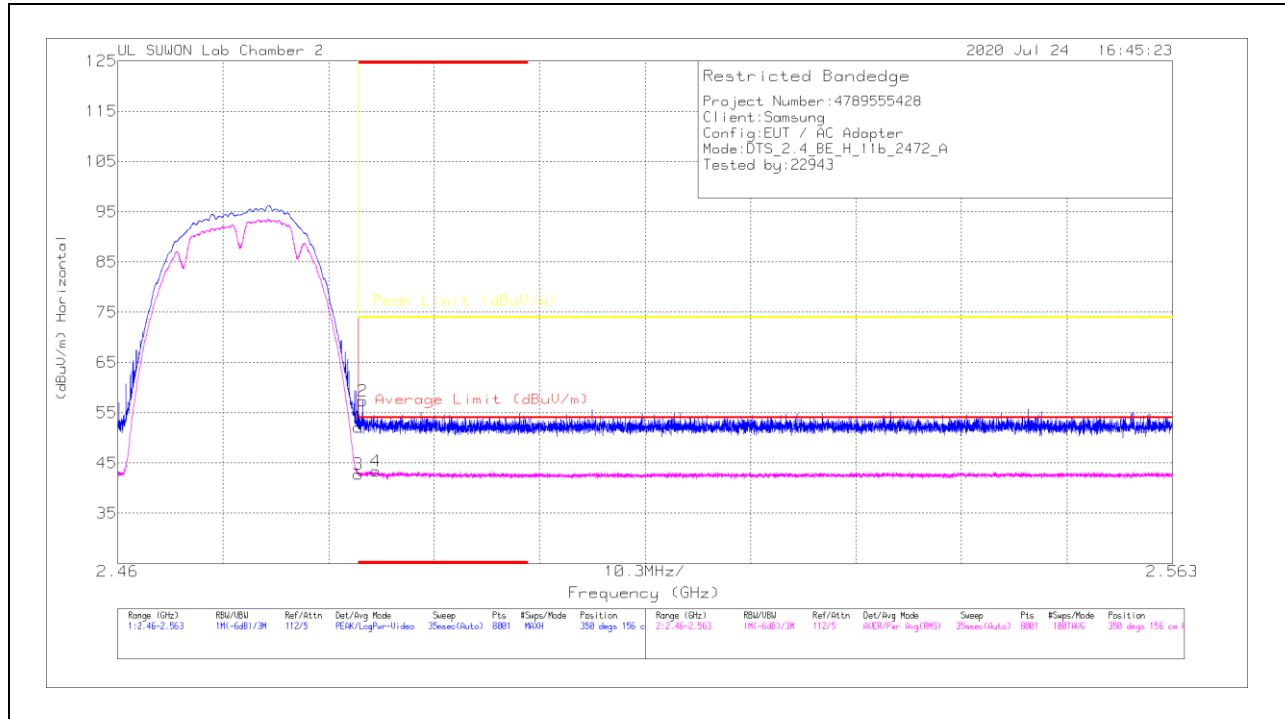
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

Pk - Peak detector

RMS - RMS detection

BANDEDGE (HIGH CHANNEL, CH 13)

HORIZONTAL RESULT



Trace Markers

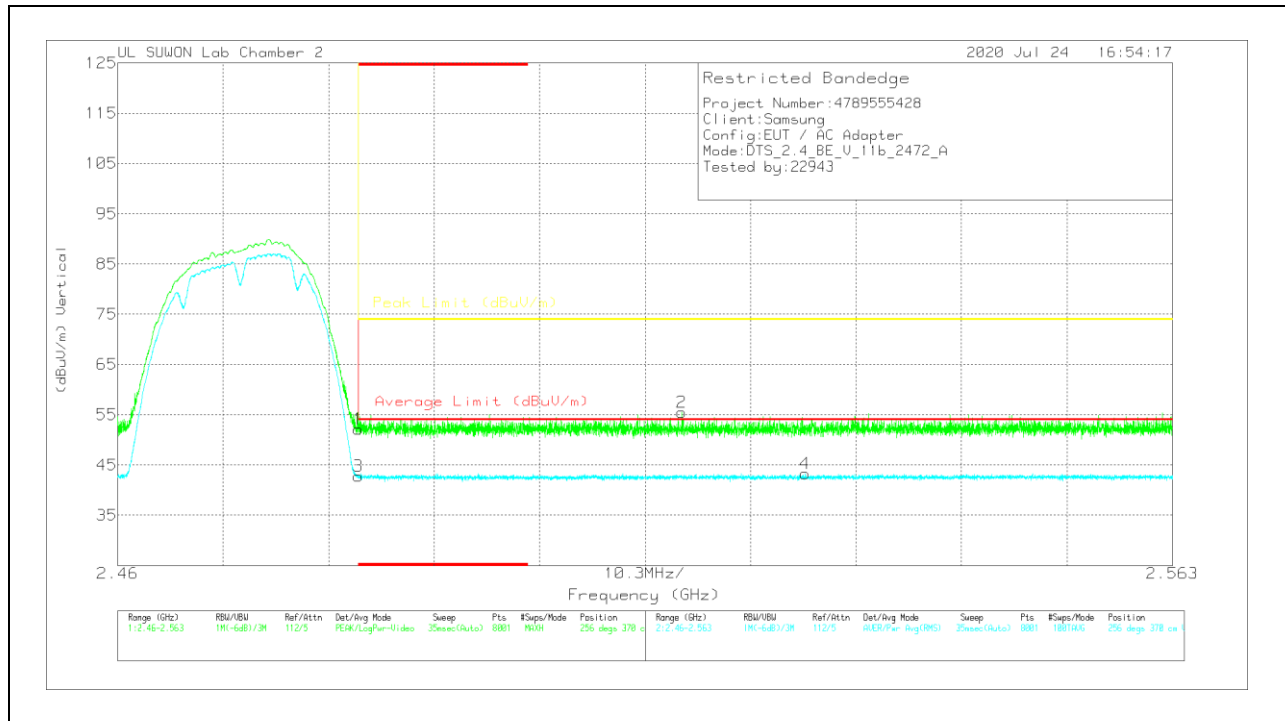
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	3117_00218957	10d0_ATT[dB]	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Altitude (deg)	Height (cm)	Polarity
1	* 2.48351	40.37	PK	32.2	-20.4	0	52.17	-	-	74	-21.83	350	156	H
2	* 2.4839	45.52	PK	32.2	-20.4	0	57.32	-	-	74	-16.68	350	156	H
3	* 2.48351	31.03	RMS	32.2	-20.4	0	42.83	54	-11.17	-	-	350	156	H
4	* 2.48521	31.65	RMS	32.2	-20.4	0	43.45	54	-10.55	-	-	350	156	H

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

PK - Peak detector

RMS - RMS detection

VERTICAL RESULT



Trace Markers

Marker	Frequency (GHz)	Meas Reading (dBuV)	Det	3117_00218957	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	40.33	Pk	32.2	-20.4	0	52.13	-	-	74	-21.87	256	370	V
2	2.51507	43.65	Pk	32.2	-20.4	0	55.45	-	-	74	-18.55	256	370	V
3	* 2.48351	31.03	RMS	32.2	-20.4	0	42.83	54	-11.17	-	-	256	370	V
4	2.52714	31.4	RMS	32.3	-20.4	0	43.3	54	-10.7	-	-	256	370	V

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

Pk - Peak detector

RMS - RMS detection

LOW CHANNEL, CH 1 RESULTS



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

RADIATED EMISSIONS

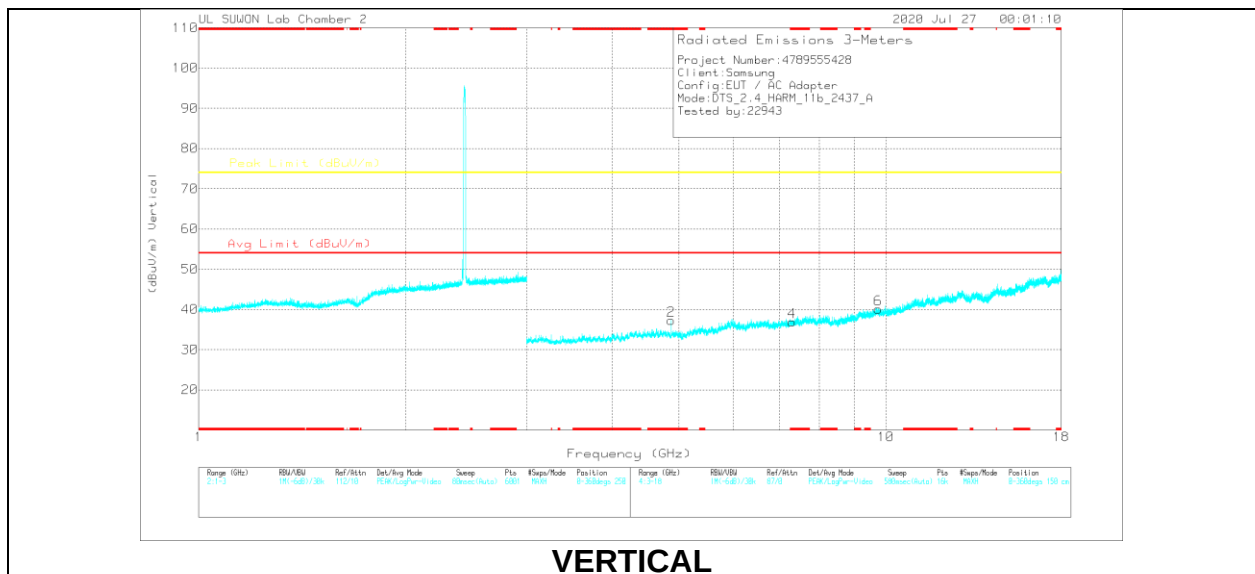
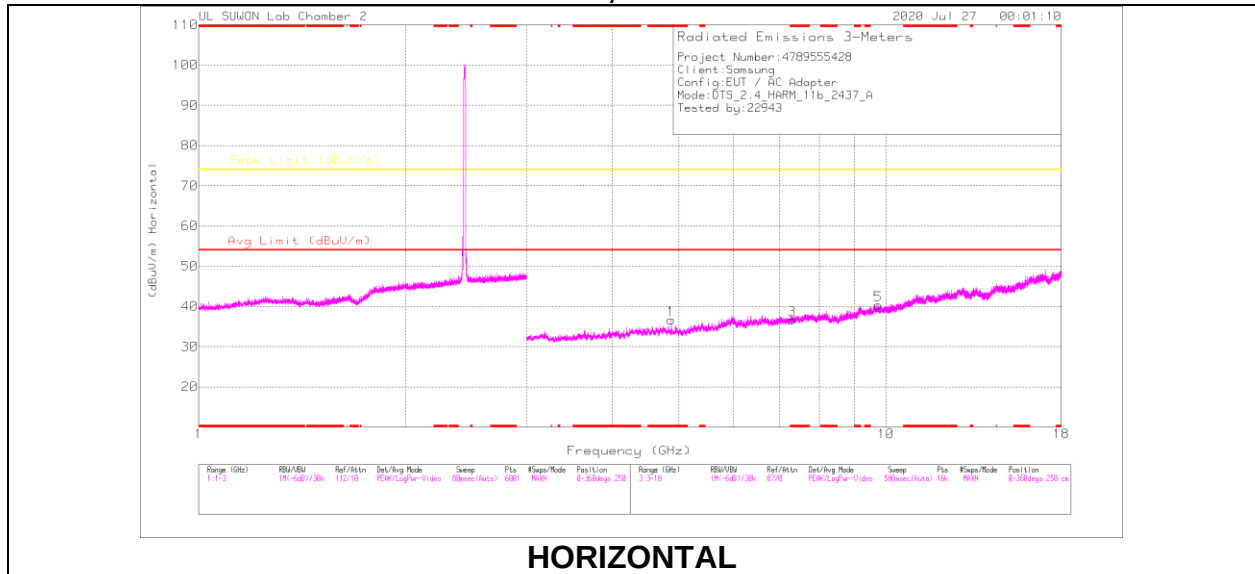
Frequency (GHz)	Meter Reading (dBuV)	Det	3117_0021895 7	3GHz_HP[dB]	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
* 4.82404	42.49	PK2	34.2	-28.1	0	48.59	-	-74	-	-25.41	146	108	H
* 4.82396	37.58	MAV1	34.2	-28.1	0	43.68	54	-10.32	-	-	146	108	H
* 4.82406	40.9	PK2	34.2	-28.1	0	47	-	-74	-	-27	199	101	V
* 4.82394	35.48	MAV1	34.2	-28.1	0	41.58	54	-12.42	-	-	199	101	V
7.23794	35.36	PK2	35.9	-25.4	0	45.86	-	-74	-	-28.14	360	100	H
7.235	35.45	PK2	35.9	-25.4	0	45.95	-	-74	-	-28.05	360	100	V
9.64924	33.55	PK2	36.9	-21.4	0	49.05	-	-74	-	-24.95	360	100	H
9.64674	32.79	PK2	36.9	-21.5	0	48.19	-	-74	-	-25.81	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

MID CHANNEL, CH 6 RESULTS



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

RADIATED EMISSIONS

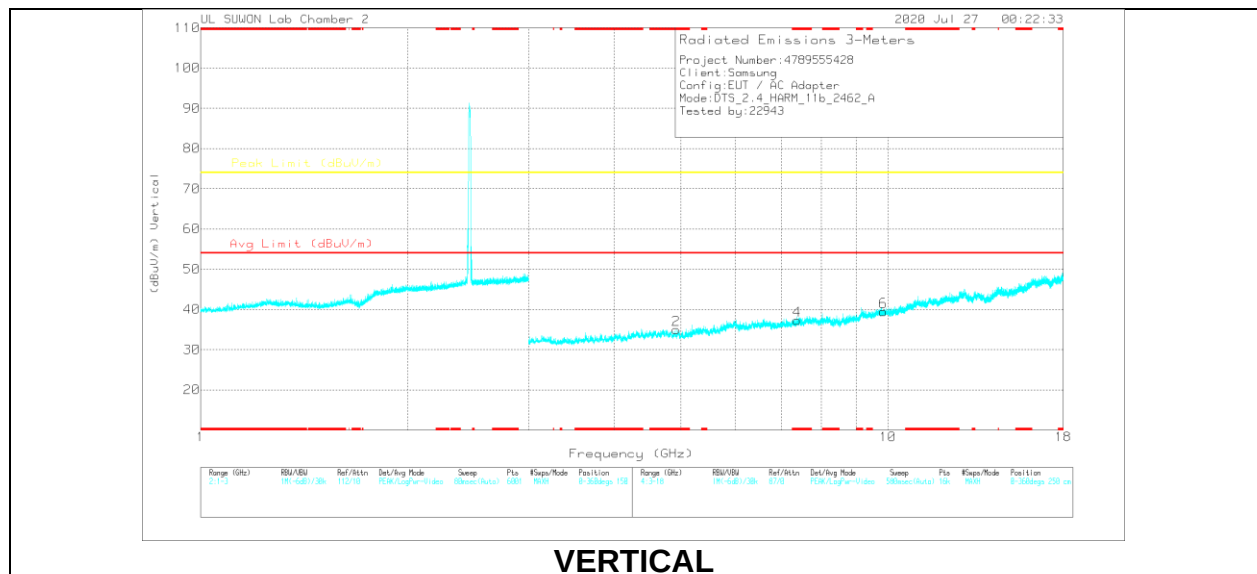
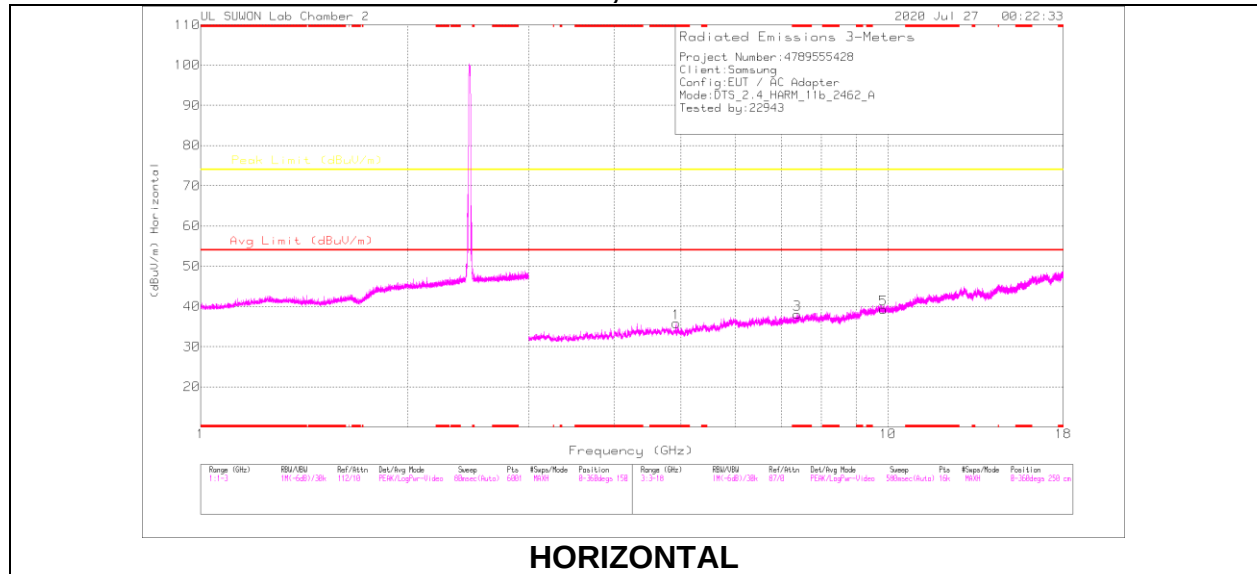
Frequency (GHz)	Meter Reading (dBuV)	Det	3117_0021895 7	3GHz_HP[dB]	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
* 4.87378	38.4	PK2	34.2	-27.9	0	44.7	-	-	74	-29.3	150	100	H
* 4.87404	30.42	MAV1	34.2	-27.9	0	36.72	54	-17.28	-	-	150	100	H
* 4.87394	38.88	PK2	34.2	-27.9	0	45.18	-	-	74	-28.82	200	111	V
* 4.87398	31.65	MAV1	34.2	-27.9	0	37.95	54	-16.05	-	-	200	111	V
* 7.31006	35.25	PK2	35.9	-24.9	0	46.25	-	-	74	-27.75	360	100	H
* 7.3119	35.31	PK2	35.9	-24.8	0	46.41	-	-	74	-27.59	360	100	V
9.74754	32.68	PK2	37	-21.2	0	48.48	-	-	74	-25.52	360	100	H
9.74913	32.51	PK2	37	-21.2	0	48.31	-	-	74	-25.69	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

HIGH CHANNEL, CH 11 RESULTS



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

RADIATED EMISSIONS

Frequency (GHz)	Meter Reading (dBuV)	Det	3117_0021895 7	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
* 4.92372	37.38	PK2	34.1	-27.2	0	44.28	-	-	74	-29.72	150	101	H
* 4.92394	28.88	MAV1	34.1	-27.2	0	35.78	54	-18.22	-	-	150	101	H
* 4.92394	37.94	PK2	34.1	-27.2	0	44.84	-	-	74	-29.16	201	109	V
* 4.92392	28.23	MAV1	34.1	-27.2	0	35.13	54	-18.87	-	-	201	109	V
* 7.38472	35.03	PK2	35.8	-24.2	0	46.63	-	-	74	-27.37	360	100	H
* 7.38799	34.86	PK2	35.8	-24.1	0	46.56	-	-	74	-27.44	360	100	V
9.84629	32.9	PK2	37.2	-21.6	0	48.5	-	-	74	-25.5	360	100	H
9.84834	33.72	PK2	37.2	-21.6	0	49.32	-	-	74	-24.68	360	100	V

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

PK2 - KDB558074 Method: Maximum Peak

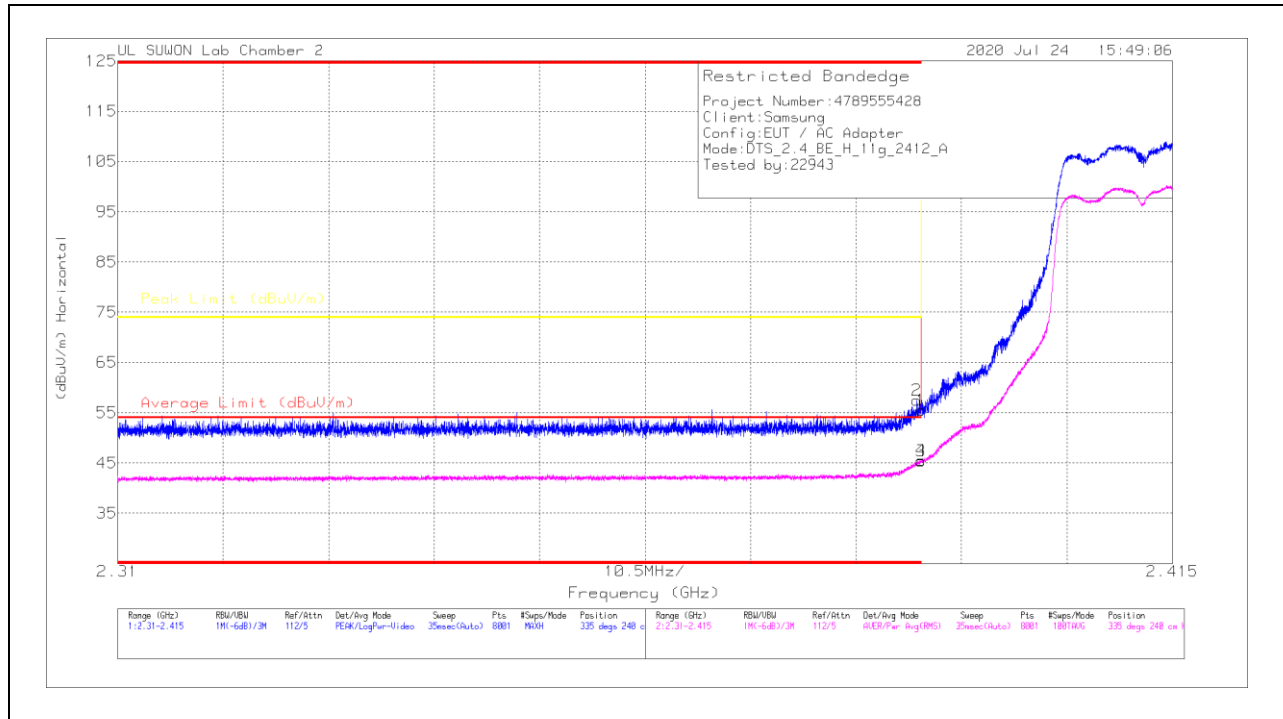
MAV1 - KDB558074 Option 1 Maximum RMS Average

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

2TX Antenna 1 + Antenna 2 MODE

BANDEDGE (LOW CHANNEL, CH 1)

HORIZONTAL RESULT



Trace Markers

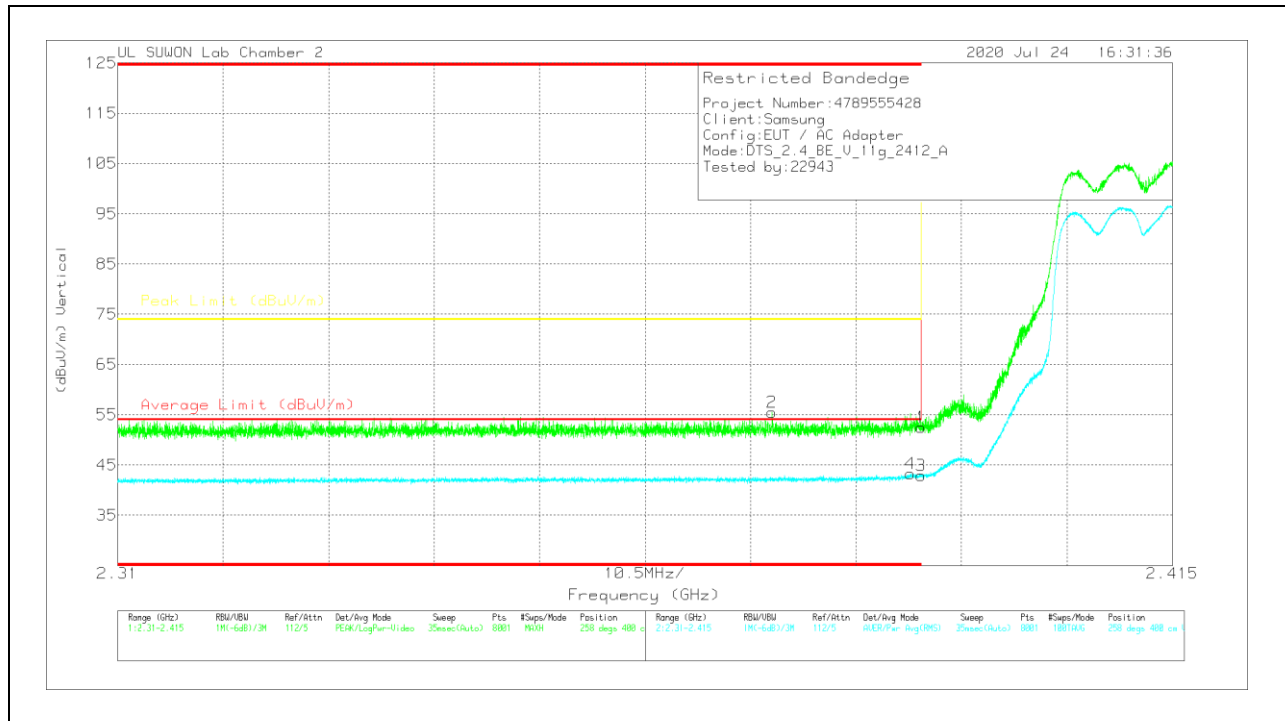
Marker	Frequency (GHz)	Meter Reading (dBu/m)	Det	3117_00218957	10dB_ATT[dB]	DC Corr (dB)	Corrected Reading (dBu/m)	Average Limit (dBu/m)	Margin (dB)	Peak Limit (dBu/m)	PK Margin (dB)	Altitude (m)	Height (cm)	Polarity
1	* 2.39	43.94	PK	32.1	-20.6	0	55.44	-	-	74	-18.56	335	240	H
2	* 2.38956	45.93	PK	32.1	-20.6	0	57.43	-	-	74	-16.57	335	240	H
3	* 2.39	33.85	RMS	32.1	-20.6	0	45.35	54	-8.65	-	-	335	240	H
4	* 2.38996	33.98	RMS	32.1	-20.6	0	45.48	54	-8.52	-	-	335	240	H

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

PK - Peak detector

RMS - RMS detection

VERTICAL RESULT



Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	3117_00218957	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	40.98	PK	32.1	-20.6	0	52.48	-	-	74	-21.52	258	400	V
2	* 2.37515	44.07	PK	32.1	-20.7	0	55.47	-	-	74	-18.53	258	400	V
3	* 2.39	31.36	RMS	32.1	-20.6	0	42.96	54	-11.14	-	-	258	400	V
4	* 2.38895	31.74	RMS	32.1	-20.6	0	43.24	54	-10.76	-	-	258	400	V

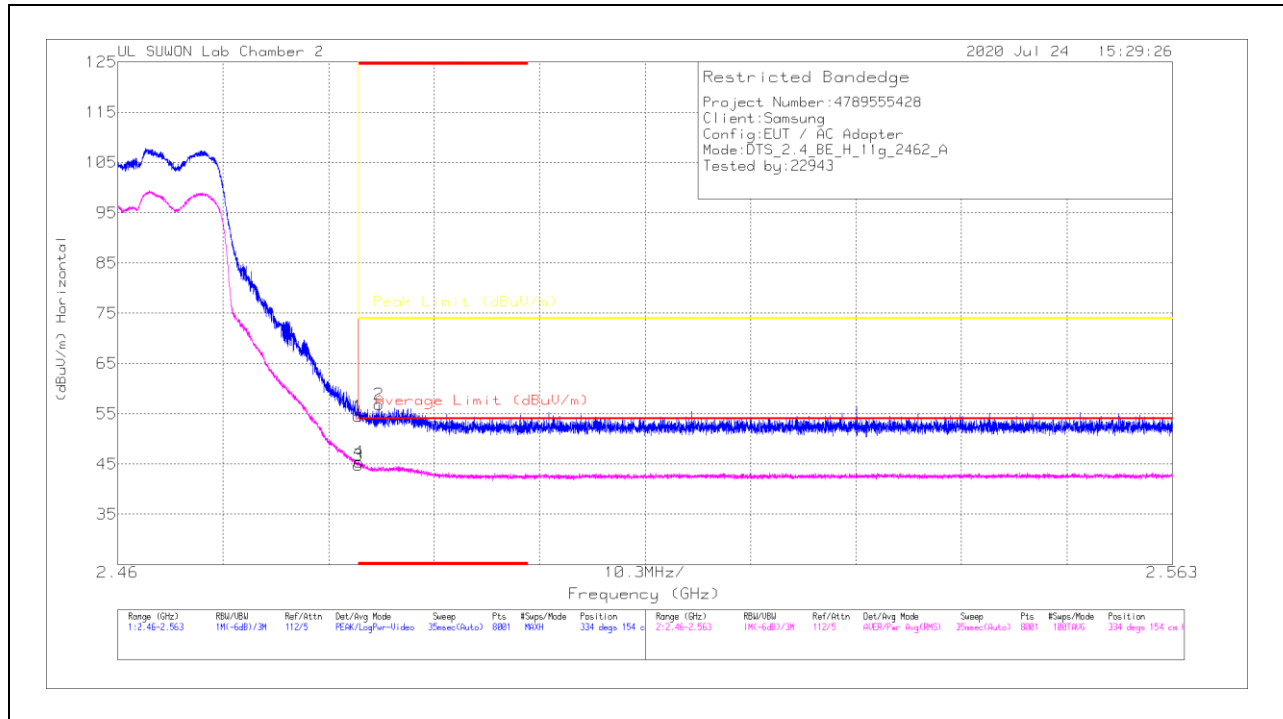
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

PK - Peak detector

RMS - RMS detection

BANDEDGE (HIGH CHANNEL, CH 11)

HORIZONTAL RESULT



Trace Markers

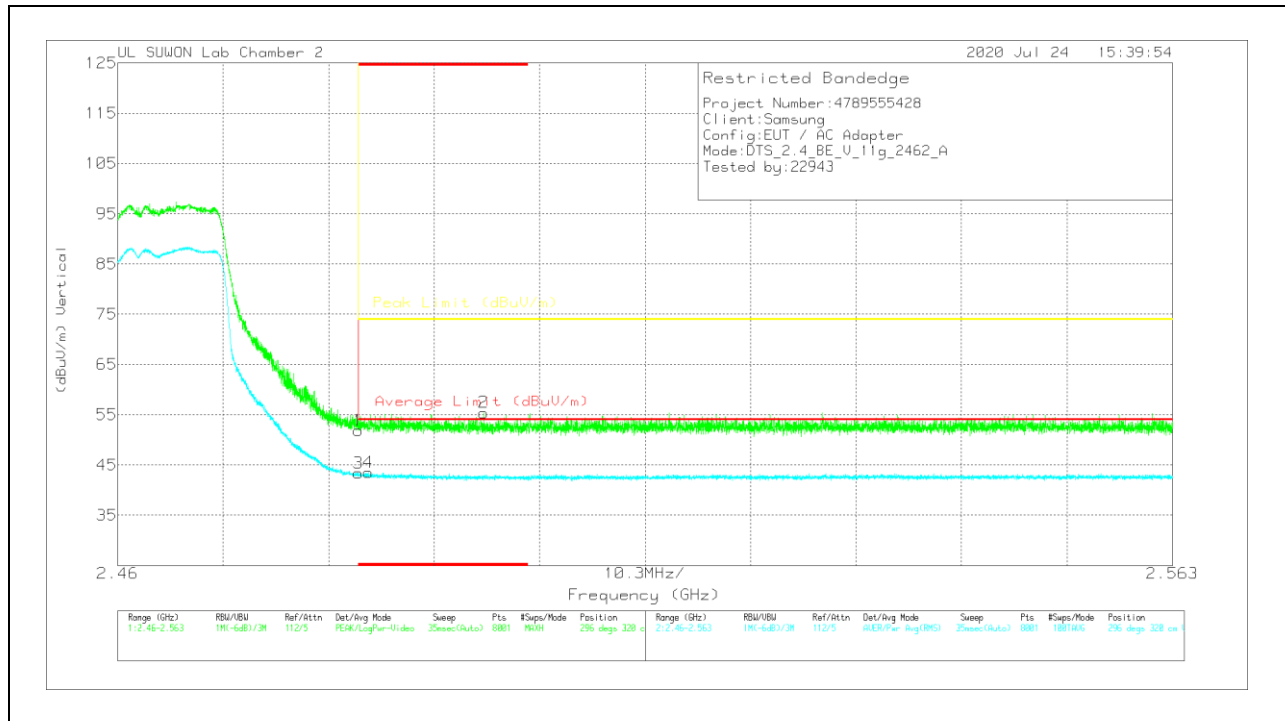
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	3117_00218957	10dB_ATT[dB]	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Altitude (Degs)	Height (cm)	Polarity
1	* 2.48351	42.69	PK	32.2	-20.4	0	54.49	-	-	74	-19.51	334	154	H
2	* 2.48552	45.04	PK	32.2	-20.4	0	56.84	-	-	74	-17.16	334	154	H
3	* 2.48351	32.99	RMS	32.2	-20.4	0	44.79	54	-9.21	-	-	334	154	H
4	* 2.48356	33.58	RMS	32.2	-20.4	0	45.38	54	-8.62	-	-	334	154	H

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

PK - Peak detector

RMS - RMS detection

VERTICAL RESULT



Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	3117_00218957	10dB_ATT[08]	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	40.02	Pk	32.2	-20.4	0	51.62	-	-	74	-22.18	296	320	V
2	* 2.49573	43.73	Pk	32.2	-20.5	0	55.43	-	-	74	-18.57	296	320	V
3	* 2.48351	31.56	RMS	32.2	-20.4	0	43.36	54	-10.64	-	-	296	320	V
4	* 2.48449	31.71	RMS	32.2	-20.4	0	43.51	54	-10.49	-	-	296	320	V

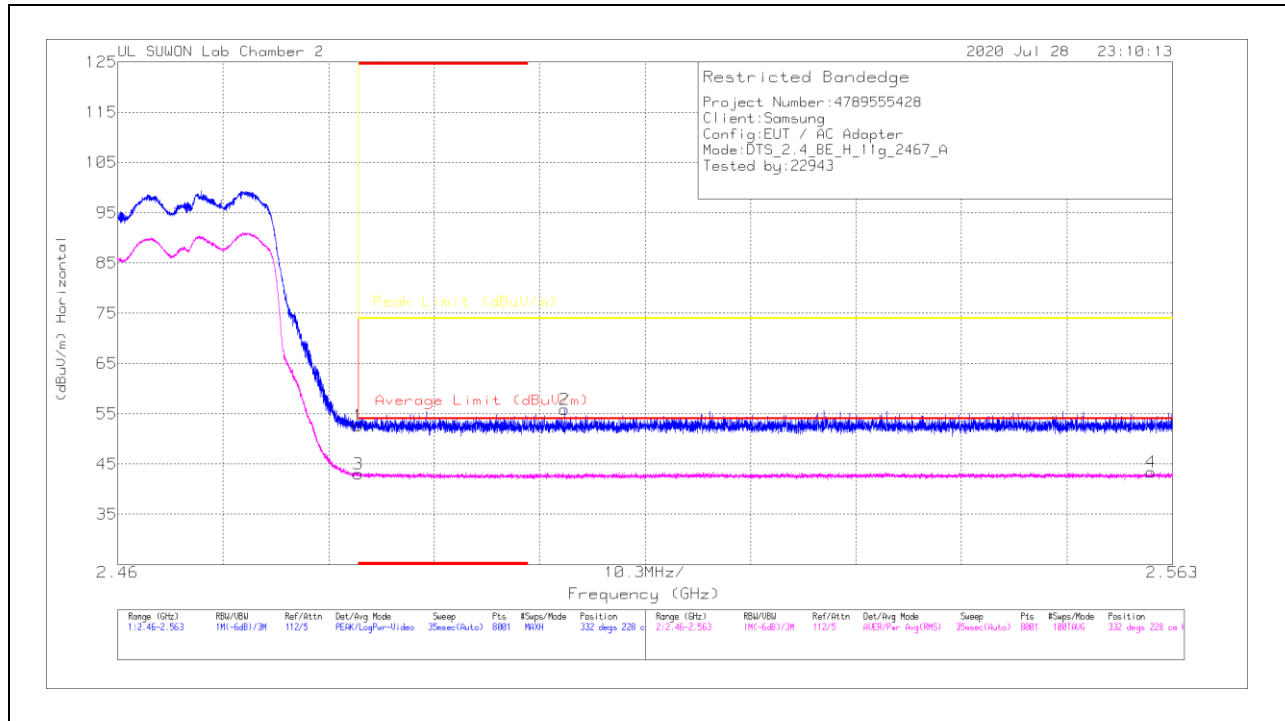
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

Pk - Peak detector

RMS - RMS detection

BANDEDGE (HIGH CHANNEL, CH 12)

HORIZONTAL RESULT



Trace Markers

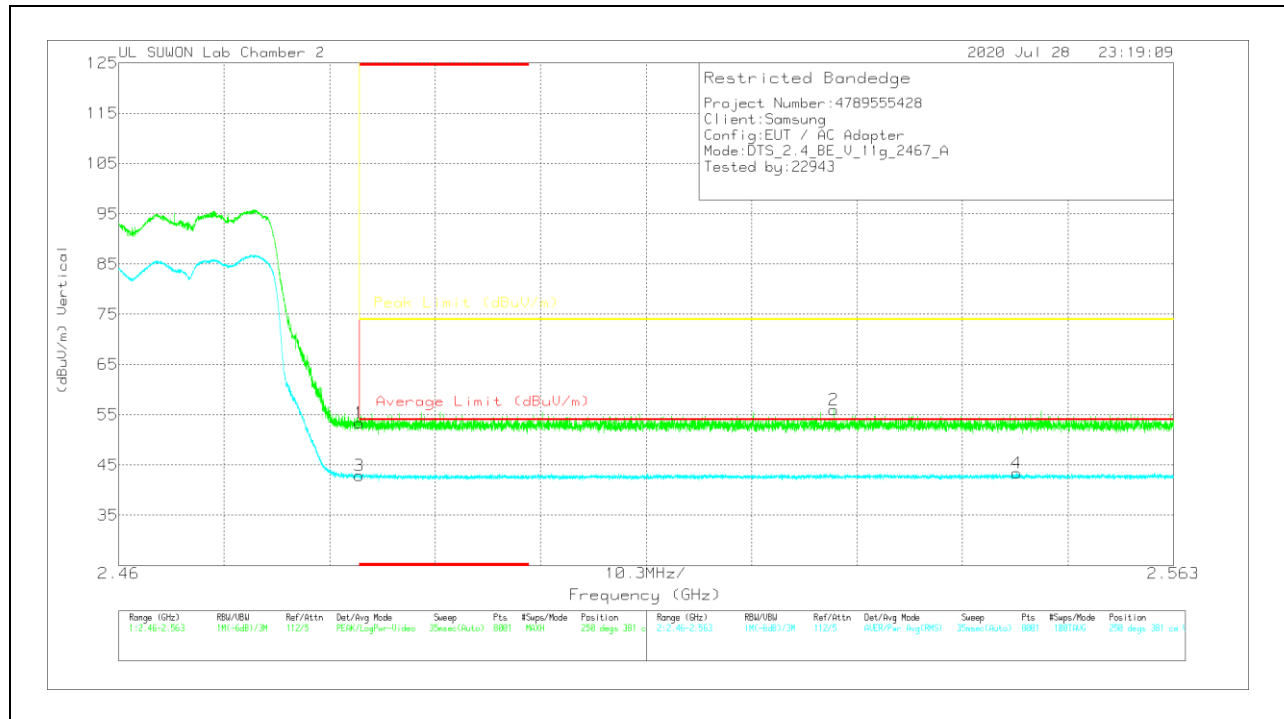
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	3117_00218957	10dB_ATT[dB]	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Altitude (Degs)	Height (cm)	Polarity
1	* 2.48351	40.79	Pk	32.2	-20.4	0	52.59	-	-	74	-21.41	332	228	H
2	2.50362	44.17	Pk	32.2	-20.5	0	55.87	-	-	74	-18.13	332	228	H
3	* 2.48351	31.2	RMS	32.2	-20.4	0	43	54	-11	-	-	332	228	H
4	2.56094	31.43	RMS	32.3	-20.3	0	43.43	54	-10.57	-	-	332	228	H

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

Pk - Peak detector

RMS - RMS detection

VERTICAL RESULT



Trace Markers

Marker	Frequency (GHz)	Meas Reading (dBuV)	Det	3117_00218957	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 (cm)	Polarity
1	* 2.48351	41.53	Pk	32.2	-20.4	0	53.33	-	-	74	-20.67	250	381	V
2	2.52982	44.11	Pk	32.3	-20.4	0	56.01	-	-	74	-17.99	250	381	V
3	* 2.48351	31.13	RMS	32.2	-20.4	0	42.93	54	-11.07	-	-	250	381	V
4	2.54772	31.53	RMS	32.3	-20.4	0	43.43	54	-10.57	-	-	250	381	V

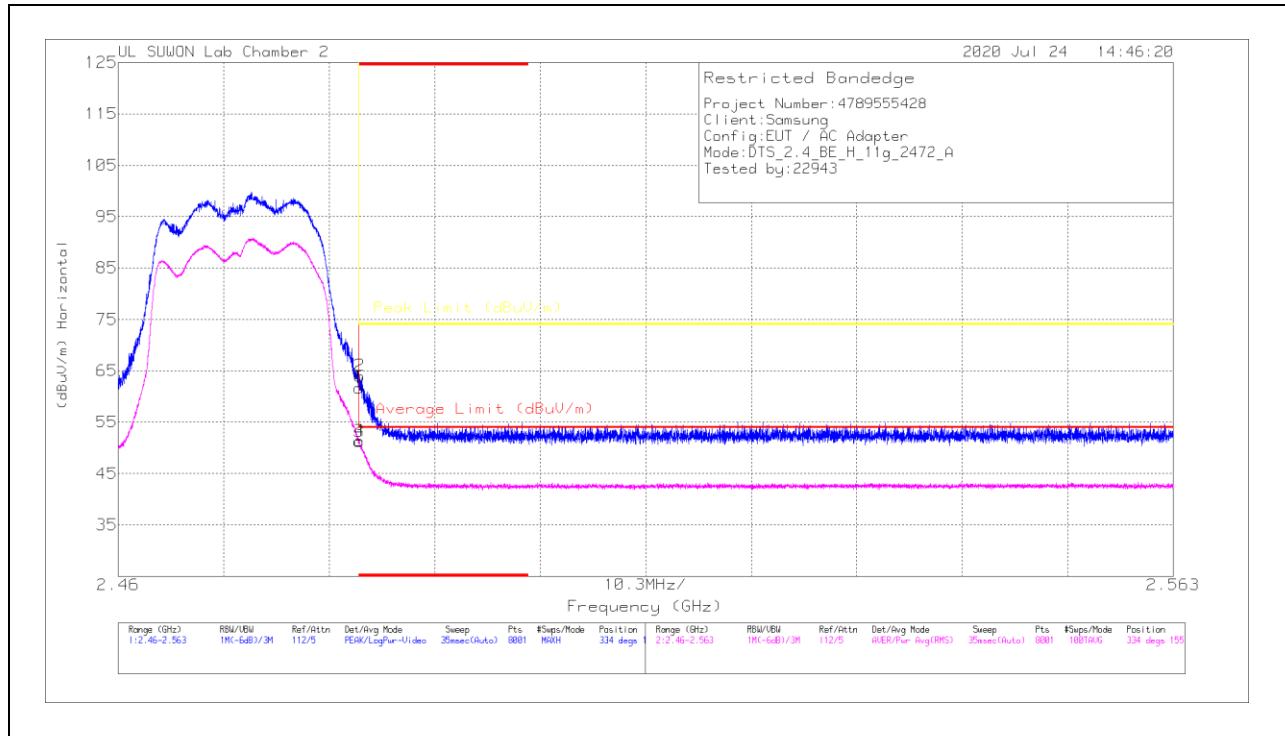
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

Pk - Peak detector

RMS - RMS detection

BANDEDGE (HIGH CHANNEL, CH 13)

HORIZONTAL RESULT



Trace Markers

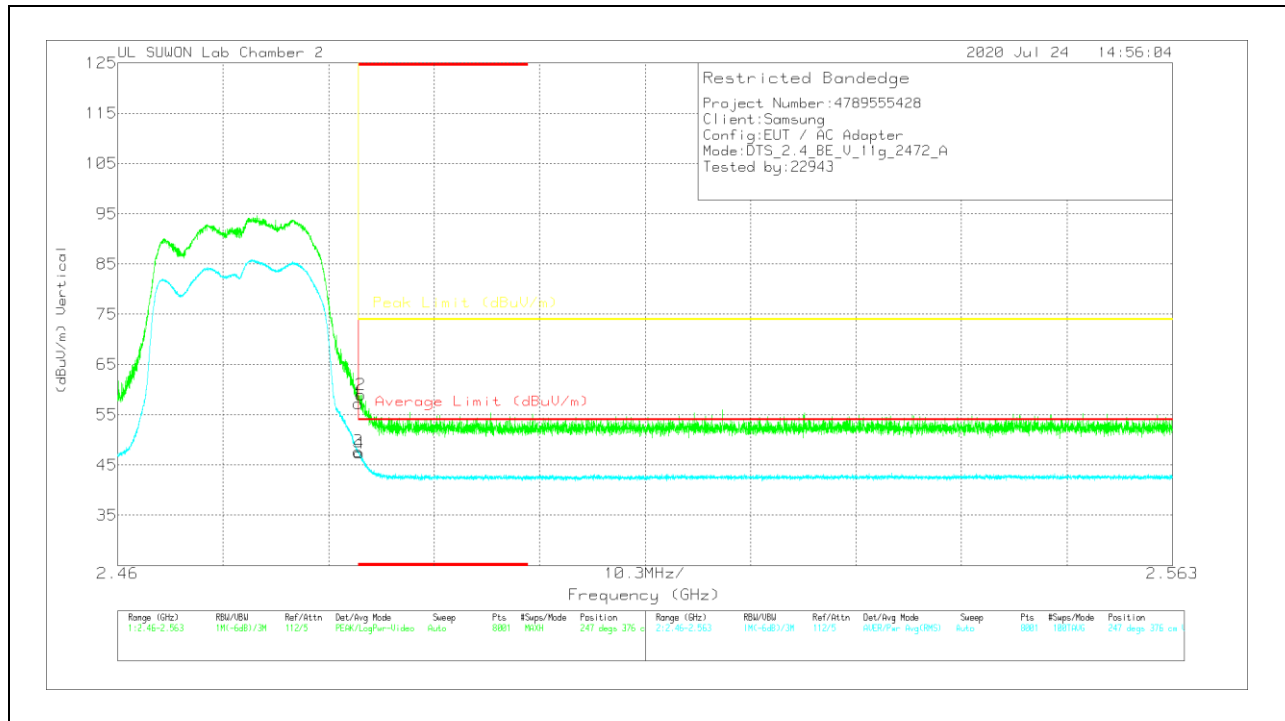
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	3117_00218957	10dB_ATT(dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Pk Margin (dB)	Altitude (Degs)	Height (cm)	Polarity
1	* 2.48351	49.9	Pk	32.2	-20.4	0	61.7	-	-	74	-12.3	334	155	H
2	* 2.48357	52.24	Pk	32.2	-20.4	0	64.04	-	-	74	-9.96	334	155	H
3	* 2.48351	39.49	RMS	32.2	-20.4	0	51.29	54	-2.71	-	-	334	155	H
4	* 2.48354	39.56	RMS	32.2	-20.4	0	51.36	54	-2.64	-	-	334	155	H

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

Pk - Peak detector

RMS - RMS detection

VERTICAL RESULT



Trace Markers

Marker	Frequency (GHz)	Meas Reading (dBuV)	Det	3117_00218957	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	45.39	Pk	32.2	-20.4	0	57.19	-	-	74	-16.81	247	376	V
2	* 2.48377	47.14	Pk	32.2	-20.4	0	58.94	-	-	74	-15.06	247	376	V
3	* 2.48351	35.9	RMS	32.2	-20.4	0	47.7	54	-6.3	-	-	247	376	V
4	* 2.48359	35.54	RMS	32.2	-20.4	0	47.34	54	-6.66	-	-	247	376	V

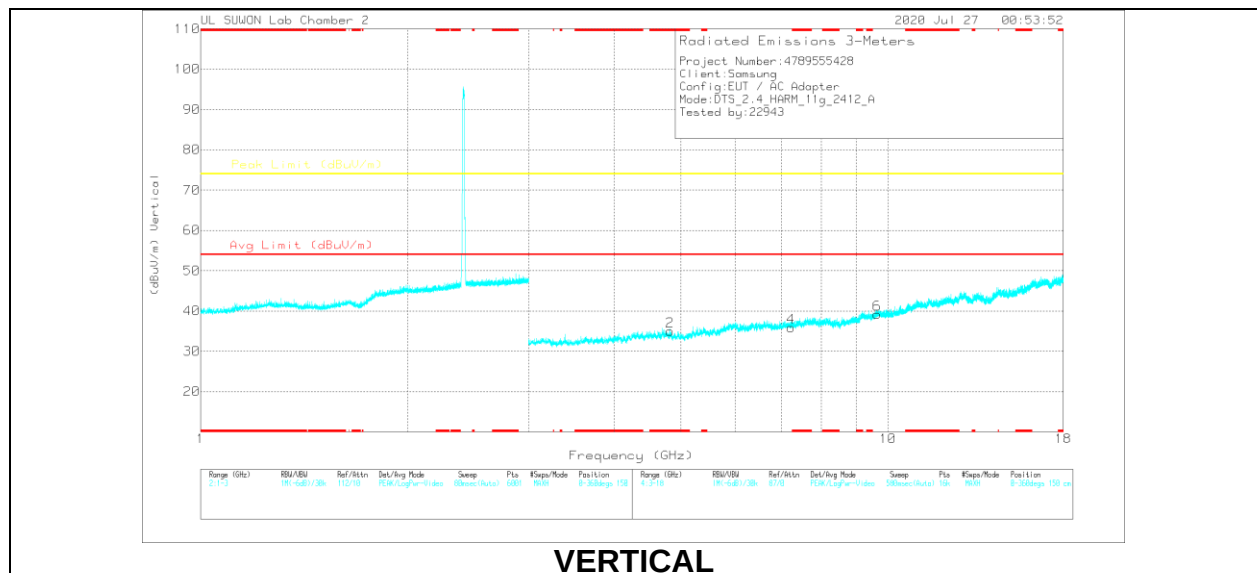
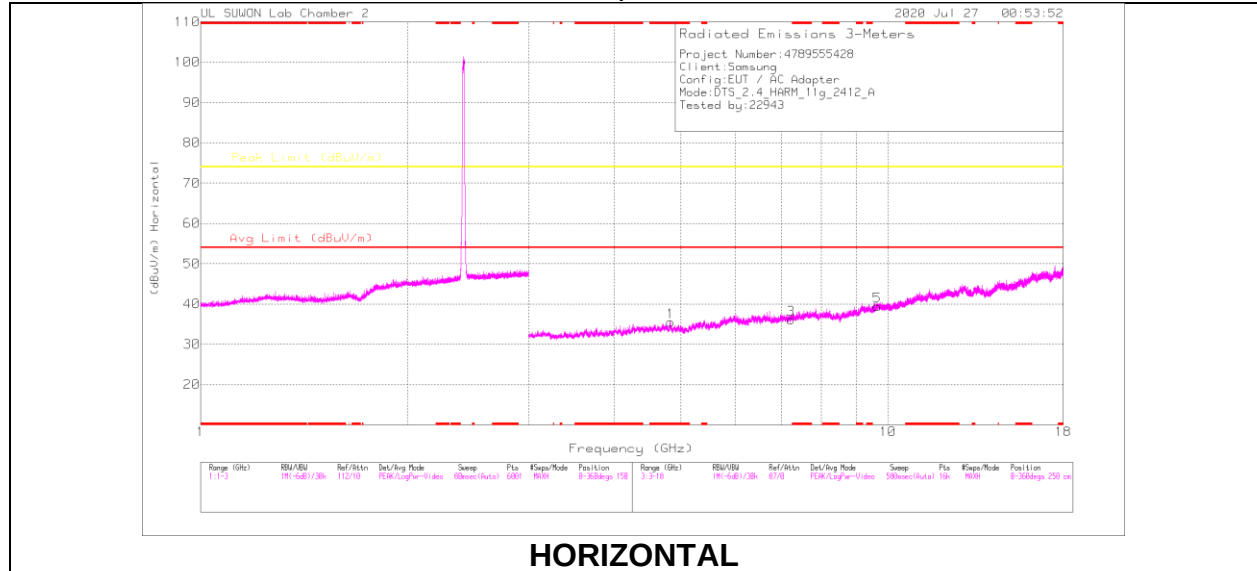
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

Pk - Peak detector

RMS - RMS detection

HARMONICS AND SPURIOUS EMISSIONS

LOW CHANNEL, CH 1 RESULTS



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

RADIATED EMISSIONS

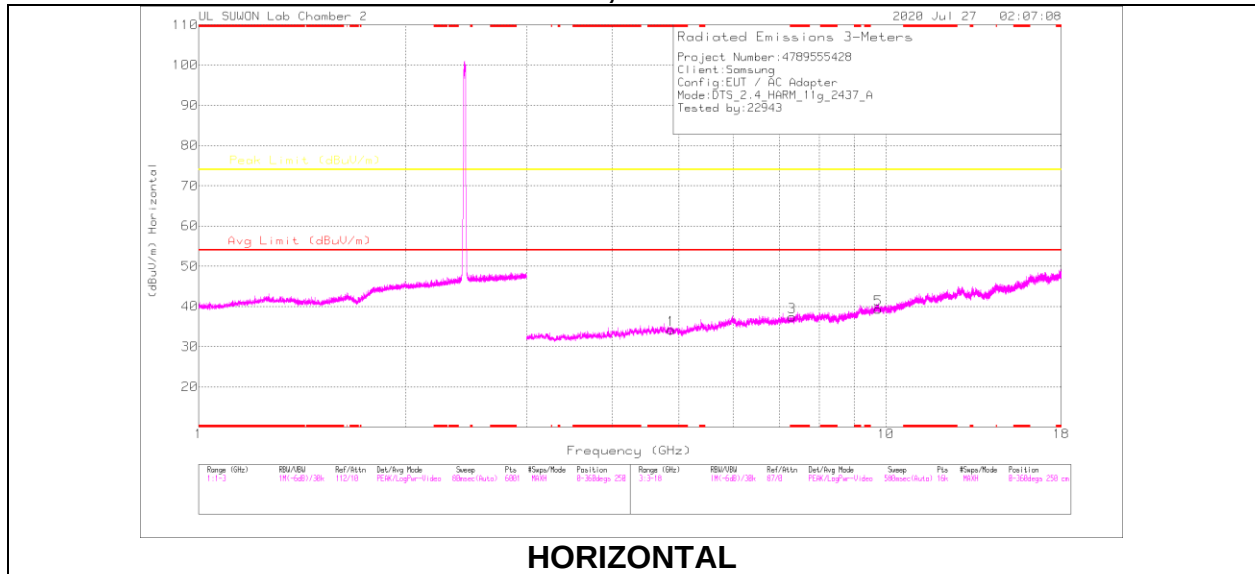
Frequency (GHz)	Meter Reading (dBuV)	Det	3117_0021895 7	3GHz_HP[dB]	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
* 4.82676	40.11	PK2	34.2	-28.1	0	46.21	-	-	74	-27.79	153	100	H
* 4.82232	28.15	MAV1	34.2	-28.1	0	34.25	54	-19.75	-	-	153	100	H
* 4.81846	38.49	PK2	34.2	-28.1	0	44.59	-	-	74	-29.41	196	101	V
* 4.8239	26.59	MAV1	34.2	-28.1	0	32.69	54	-21.31	-	-	196	101	V
7.23583	35.44	PK2	35.9	-25.4	0	45.94	-	-	74	-28.06	360	100	H
7.23609	35.6	PK2	35.9	-25.4	0	46.1	-	-	74	-27.9	360	100	V
9.64834	32.99	PK2	36.9	-21.5	0	48.39	-	-	74	-25.61	360	100	H
9.64961	33.85	PK2	36.9	-21.4	0	49.35	-	-	74	-24.65	360	100	V

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

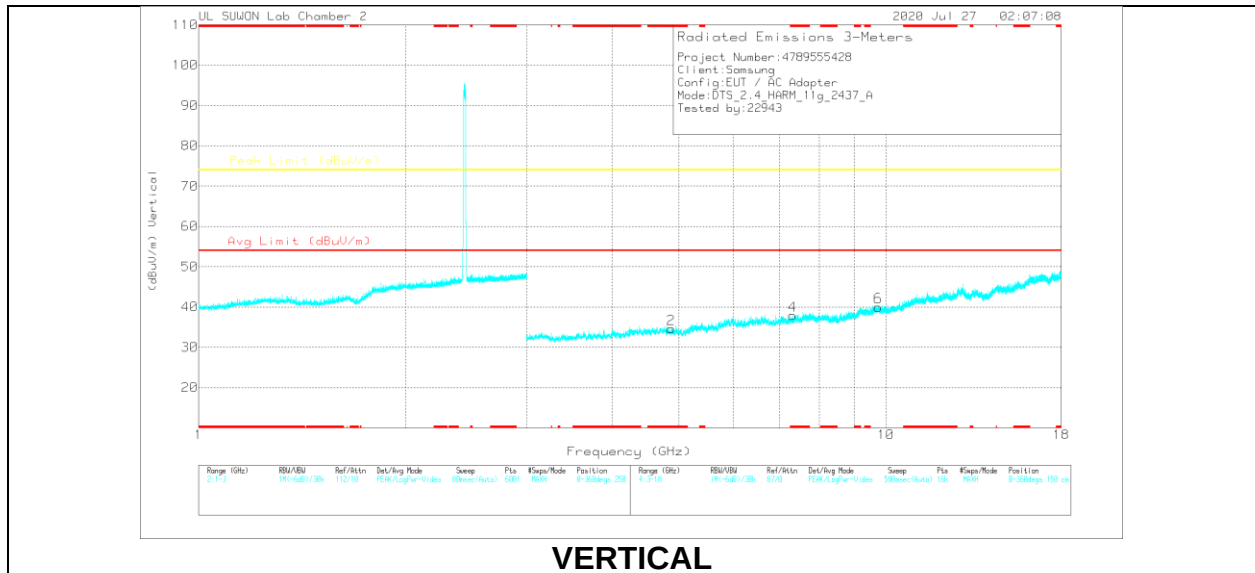
PK2 - KDB558074 Method: Maximum Peak

MAV1 - KDB558074 Option 1 Maximum RMS Average

MID CHANNEL, CH 6 RESULTS



HORIZONTAL



VERTICAL

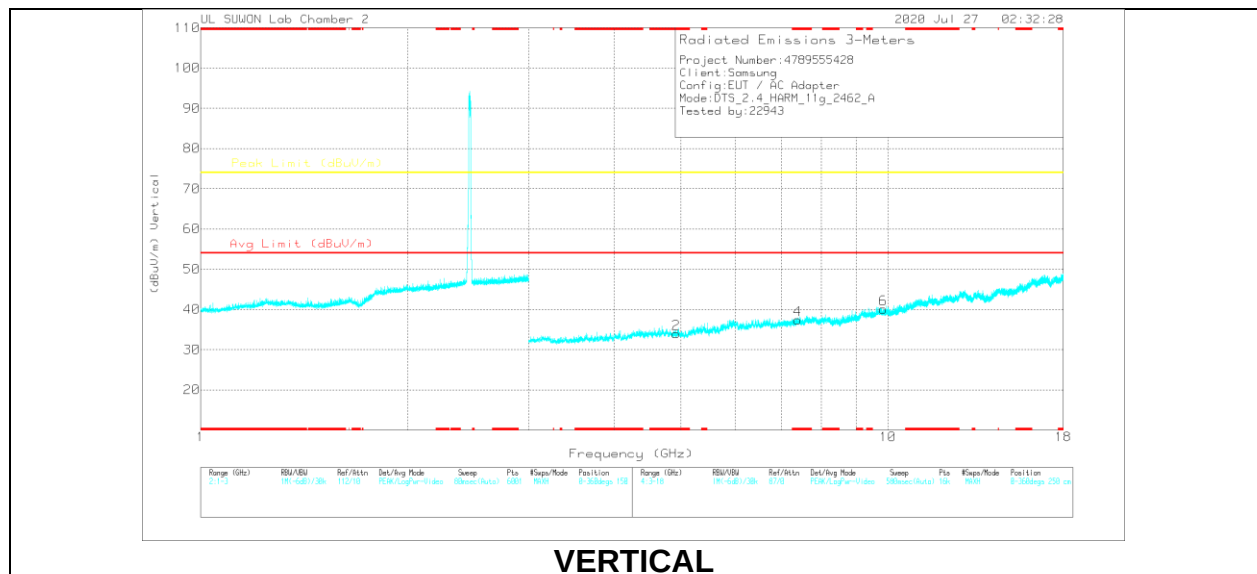
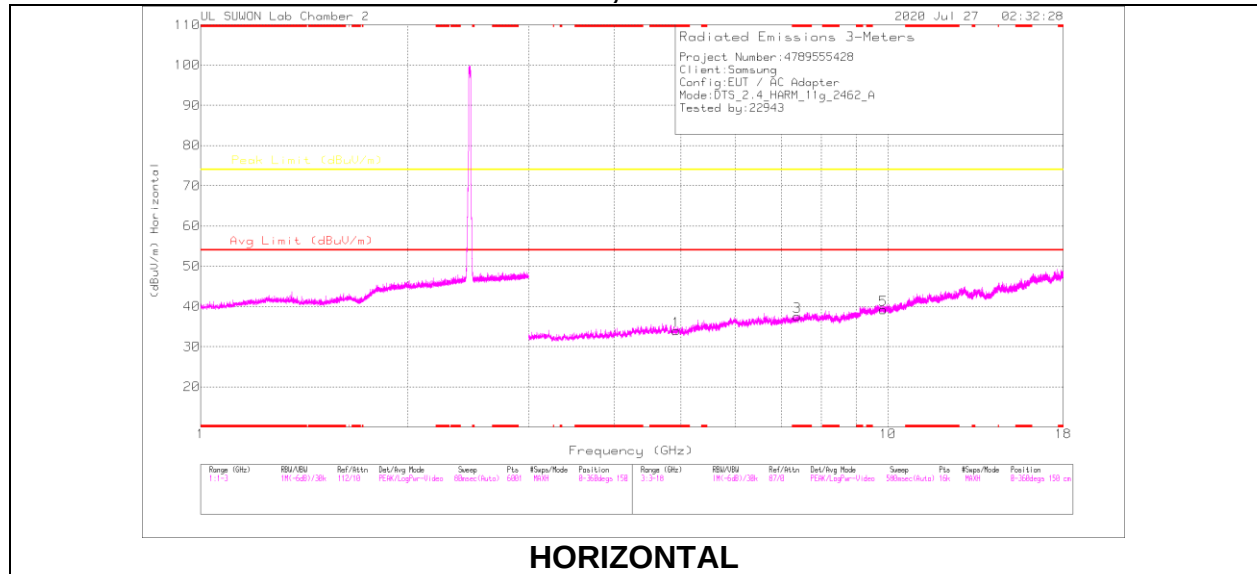
Note: Emission was scanned up to 26GHz; No emissions were detected above the noise floor which was at least 20dB below the specification limit.

RADIATED EMISSIONS

Frequency (GHz)	Meter Reading (dBuV)	Det	3117_00218957	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
* 4.87514	37.21	PK2	34.1	-27.9	0	43.41	-	-	74	-30.59	360	100	H
* 4.87503	37.17	PK2	34.1	-27.9	0	43.37	-	-	74	-30.63	360	100	V
* 7.31245	35.23	PK2	35.9	-24.8	0	46.33	-	-	74	-27.67	360	100	H
* 7.31058	35.41	PK2	35.9	-24.9	0	46.41	-	-	74	-27.59	360	100	V
9.74734	32.42	PK2	37	-21.2	0	48.22	-	-	74	-25.78	360	100	H
9.74843	32.68	PK2	37	-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

HIGH CHANNEL, CH 11 RESULTS



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

RADIATED EMISSIONS

Frequency (GHz)	Meter Reading (dBuV)	Det	3117_00218957	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
* 4.92279	35.74	PK2	34.1	-27.2	0	42.64	-	-	74	-31.36	360	100	H
* 4.92471	37.08	PK2	34.1	-27.2	0	43.98	-	-	74	-30.02	360	100	V
* 7.38548	34.93	PK2	35.8	-24.1	0	46.63	-	-	74	-27.37	360	100	H
* 7.3875	34.69	PK2	35.8	-24.1	0	46.39	-	-	74	-27.61	360	100	V
9.84662	32.88	PK2	37.2	-21.6	0	48.48	-	-	74	-25.52	360	100	H
9.84966	32.34	PK2	37.2	-21.6	0	47.94	-	-	74	-26.06	360	100	V

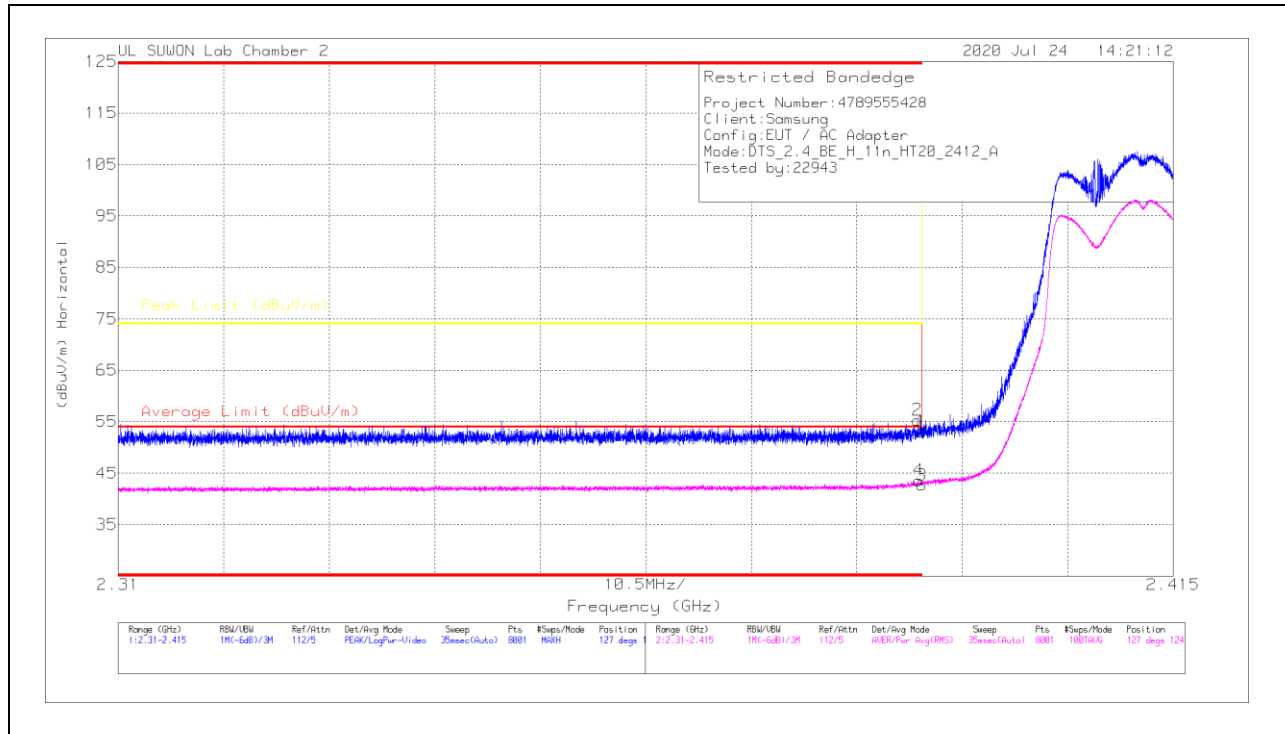
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band
PK2 - KDB558074 Method: Maximum Peak

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

2TX Antenna 1 + Antenna 2 MODE

BANDEDGE (LOW CHANNEL, CH 1)

HORIZONTAL RESULT



Trace Markers

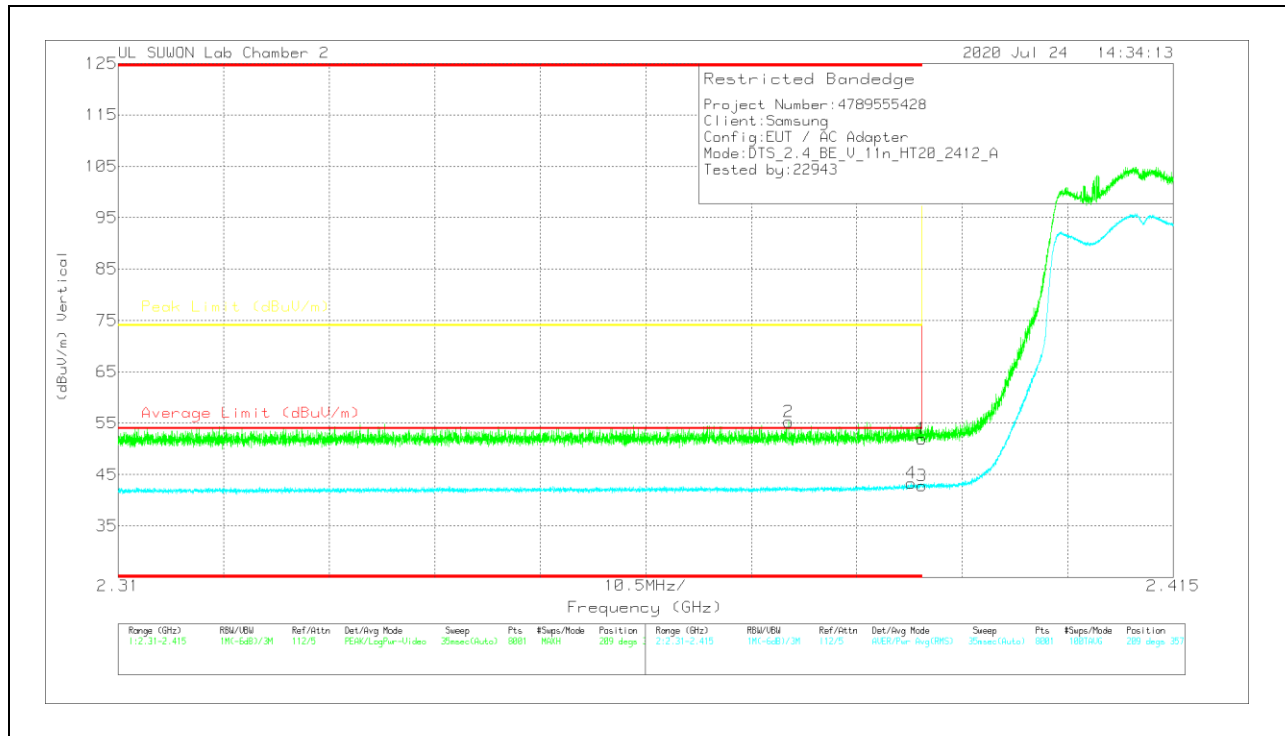
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	3117_00218957	10dB_ATT[dB]	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Altitude (m)	Height (cm)	Polarity
1	* 2.39	41.55	PK	32.1	-20.6	0	53.05	-	-	74	-20.95	127	124	H
2	* 2.38955	43.83	PK	32.1	-20.6	0	55.33	-	-	74	-18.67	127	124	H
3	* 2.39	31.2	RMS	32.1	-20.6	0	42.7	54	-11.3	-	-	127	124	H
4	* 2.38966	32.11	RMS	32.1	-20.6	0	43.61	54	-10.39	-	-	127	124	H

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

PK - Peak detector

RMS - RMS detection

VERTICAL RESULT



Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	2117_00218957	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 (cm)	Polarity
1	* 2.39	40.46	Pk		-20.6	0	51.06	-	-	74	-22.04	209	357	V
2	* 2.37673	43.76	Pk		-20.6	0	55.26	-	-	74	-18.74	209	357	V
3	* 2.39	31.31	RMS		-20.6	0	42.81	54	-11.19	-	-	209	357	V
4	* 2.38893	31.82	RMS		-20.6	0	43.32	54	-10.68	-	-	209	357	V

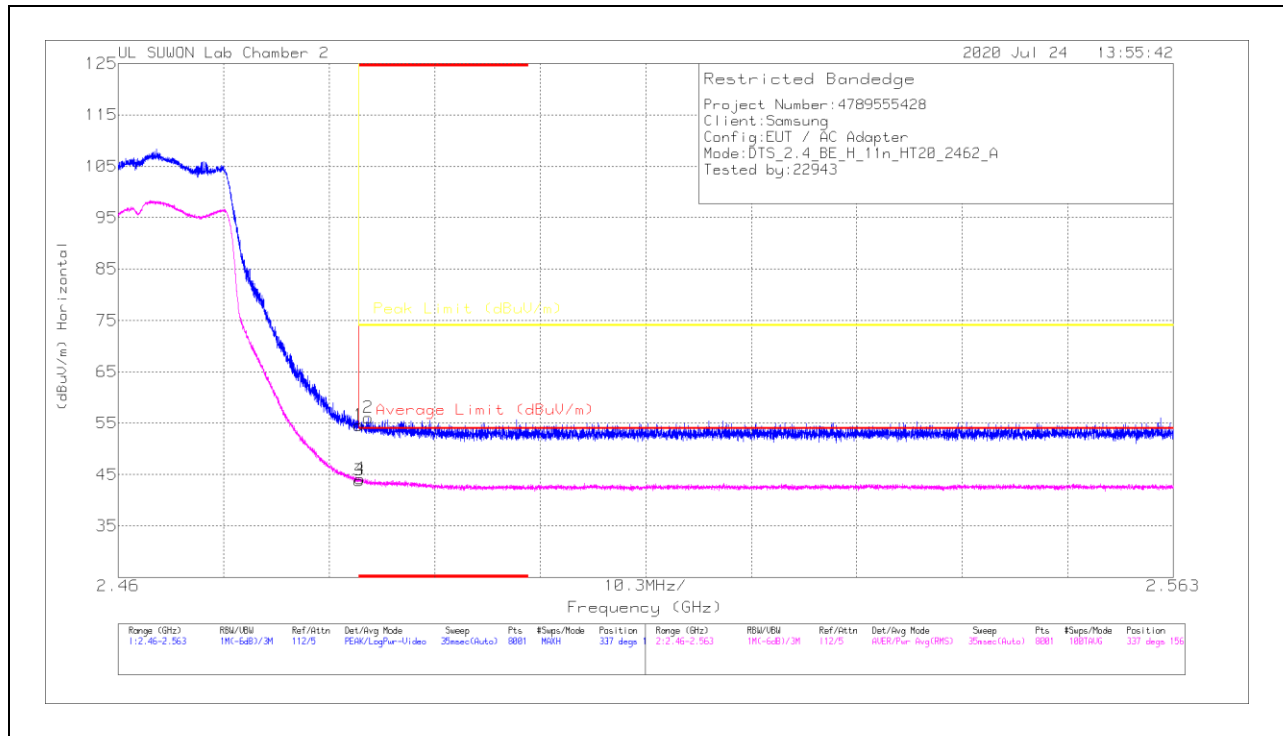
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

Pk - Peak detector

RMS - RMS detection

BANEDGE (HIGH CHANNEL, CH 11)

HORIZONTAL RESULT



Trace Markers

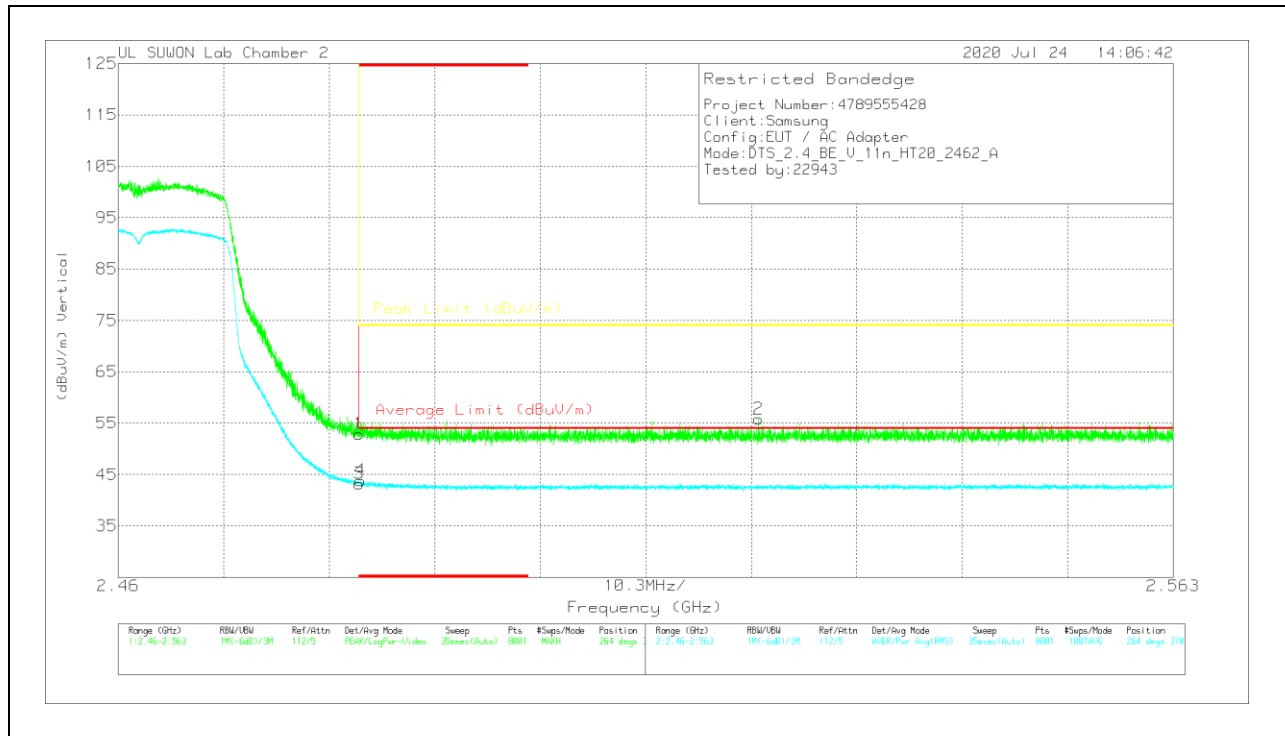
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	3117_00218957	10dB_ATT[dB]	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Altitude (Degs)	Height (cm)	Polarity
1	* 2.48351	42.81	PK	32.2	-20.4	0	54.61	-	-	74	-19.39	337	156	H
2	* 2.48442	44.29	PK	32.2	-20.4	0	56.09	-	-	74	-17.91	337	156	H
3	* 2.48351	32.06	RMS	32.2	-20.4	0	43.86	54	-10.14	-	-	337	156	H
4	* 2.48363	32.39	RMS	32.2	-20.4	0	44.19	54	-9.81	-	-	337	156	H

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

PK - Peak detector

RMS - RMS detection

VERTICAL RESULT



Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	2117_00218957	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	41.08	Pk	32.2	-20.4	0	52.88	-	-	74	-21.12	264	370	V
2	2.52248	44.13	Pk	32.2	-20.5	0	55.83	-	-	74	-18.17	264	370	V
3	* 2.48351	31.45	RMS	32.2	-20.4	0	43.25	54	-10.75	-	-	264	370	V
4	* 2.48364	32.06	RMS	32.2	-20.4	0	43.86	54	-10.14	-	-	264	370	V

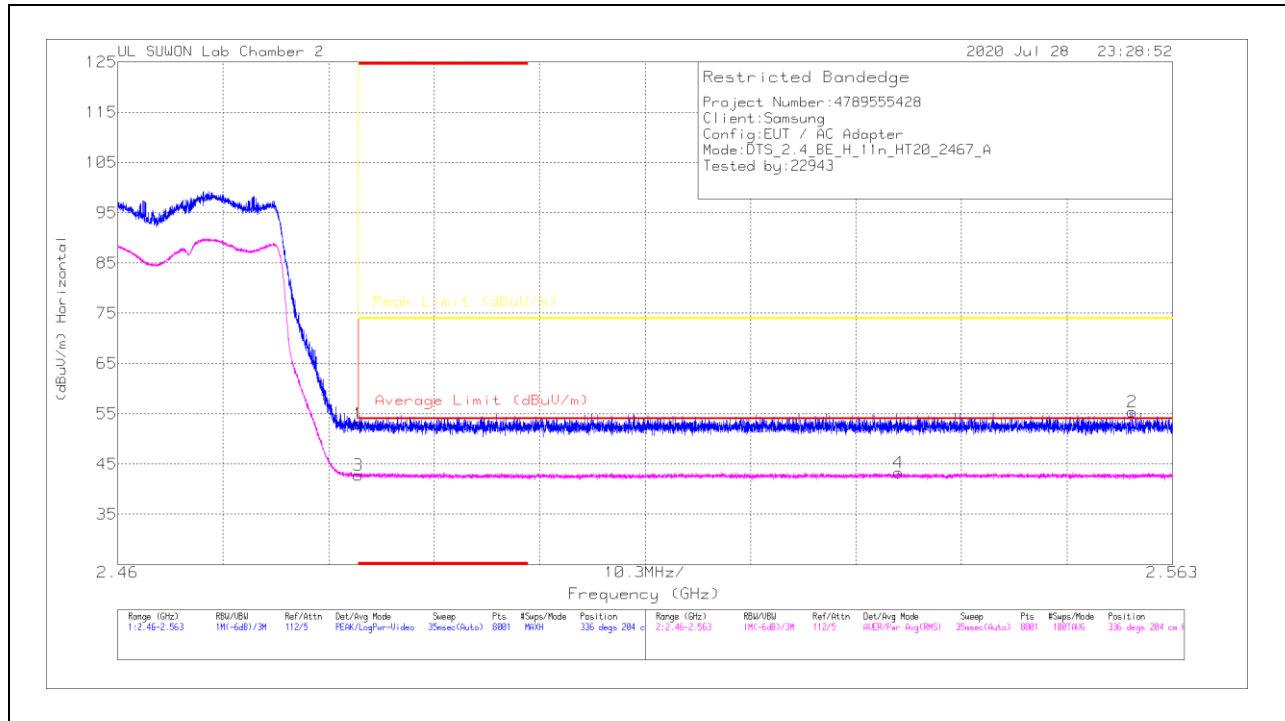
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

Pk - Peak detector

RMS - RMS detection

BANDEDGE (HIGH CHANNEL, CH 12)

HORIZONTAL RESULT



Trace Markers

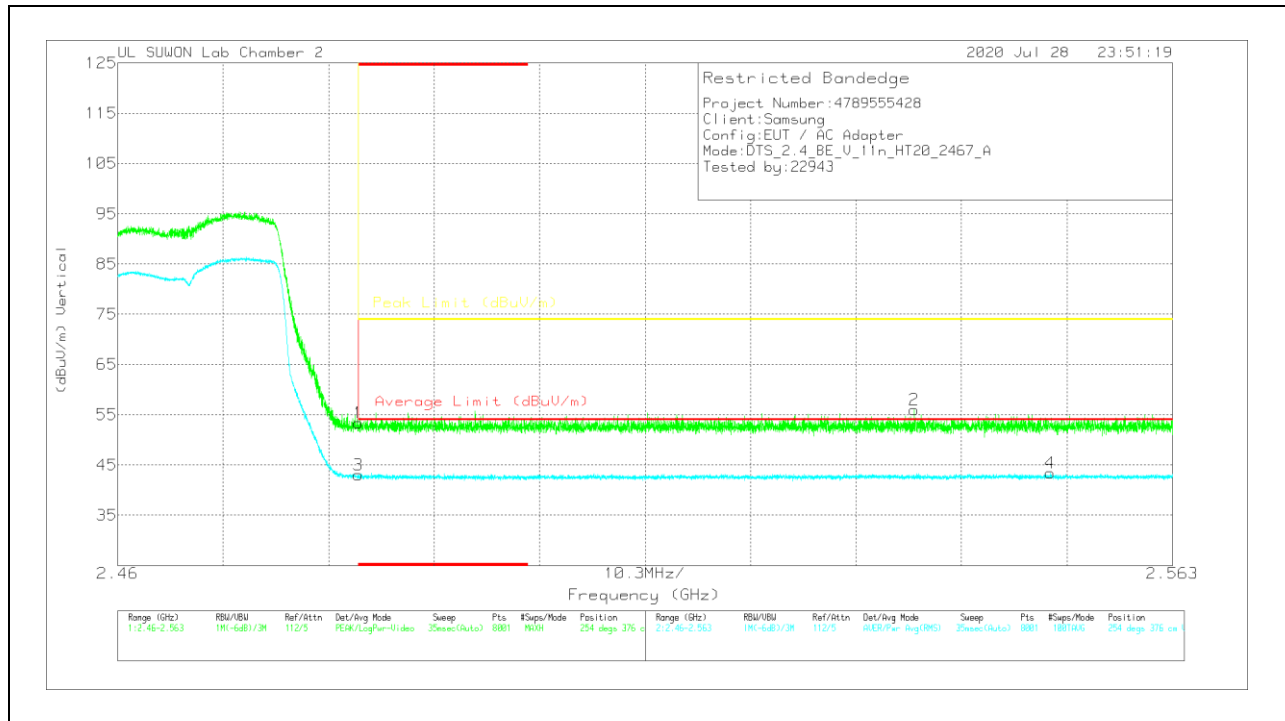
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	3117_00218957	10dB_ATT[dB]	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Altitude (Degs)	Height (cm)	Polarity
1	* 2.48351	41.25	PK	32.2	-20.4	0	53.05	-	-	74	-20.95	336	204	H
2	2.55906	43.43	PK	32.3	-20.4	0	55.33	-	-	74	-18.67	336	204	H
3	* 2.48351	30.96	RMS	32.2	-20.4	0	42.76	54	-11.24	-	-	336	204	H
4	2.53623	31.41	RMS	32.3	-20.4	0	43.31	54	-10.69	-	-	336	204	H

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

PK - Peak detector

RMS - RMS detection

VERTICAL RESULT



Trace Markers

Marker	Frequency (GHz)	Meas Reading (dBuV)	Det	3117_00218957	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	41.61	Pk	32.2	-20.4	0	53.41	-	-	74	-20.59	254	376	V
2	2.5378	44.2	Pk	32.3	-20.5	0	56	-	-	74	-18	254	376	V
3	* 2.48351	31.2	RMS	32.2	-20.4	0	43	54	-11	-	-	254	376	V
4	2.55106	31.5	RMS	32.3	-20.4	0	43.4	54	-10.6	-	-	254	376	V

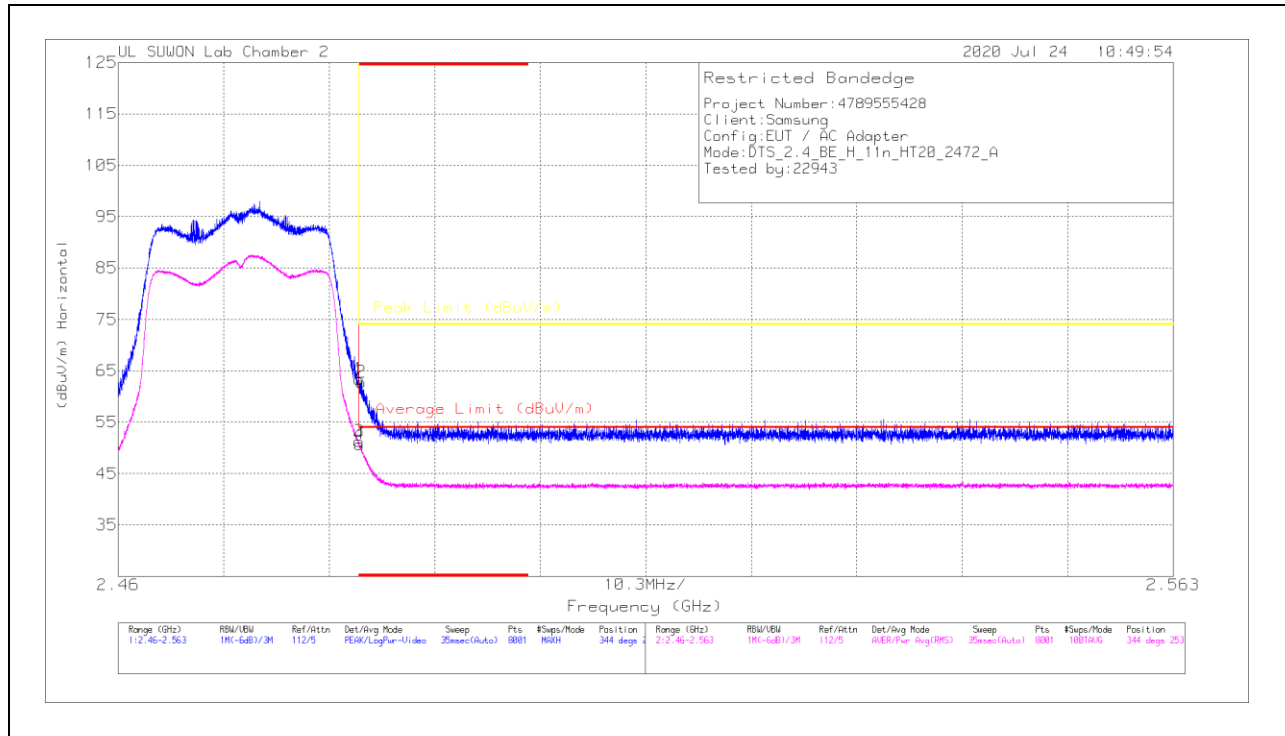
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

Pk - Peak detector

RMS - RMS detection

BANDEDGE (HIGH CHANNEL, CH 13)

HORIZONTAL RESULT



Trace Markers

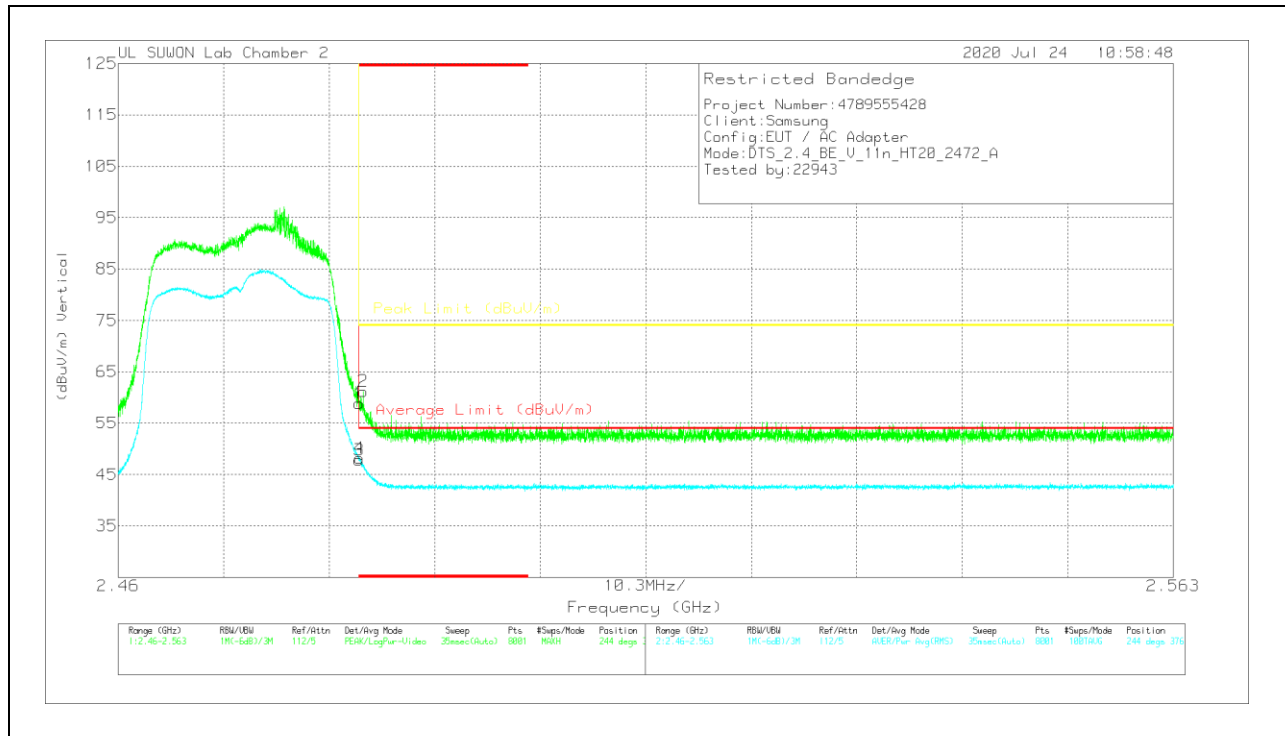
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	3117_00218957	10dB_ATT(dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Pk Margin (dB)	Altitude (deg)	Height (cm)	Polarity
1	* 2.48351	51.61	Pk	32.2	-20.4	0	63.41	-	-	74	-10.59	344	253	H
2	* 2.48373	50.99	Pk	32.2	-20.4	0	62.79	-	-	74	-11.21	344	253	H
3	* 2.48351	39.47	RMS	32.2	-20.4	0	51.27	54	-2.73	-	-	344	253	H
4	* 2.48354	38.91	RMS	32.2	-20.4	0	50.71	54	-3.29	-	-	344	253	H

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

Pk - Peak detector

RMS - RMS detection

VERTICAL RESULT



Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	2117_00218957	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	47.05	Pk	32.2	-20.4	0	58.85	-	-	74	-15.15	244	376	V
2	* 2.4839	49.38	Pk	32.2	-20.4	0	61.18	-	-	74	-12.82	244	376	V
3	* 2.48351	36.03	RMS	32.2	-20.4	0	47.83	54	-6.17	-	-	244	376	V
4	* 2.48354	36.39	RMS	32.2	-20.4	0	48.19	54	-5.81	-	-	244	376	V

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

Pk - Peak detector

RMS - RMS detection

UL SUWON Lab Chamber 2

2020 Jul 27 03:01:06

Radiated Emissions 3-Meters

Project Number: 4789555428

Client: Samsung

Config: EUT / AC Adapter

Mode: DTS_2.4_HARM_11m_HT20_2412_A

Tested by: 22543

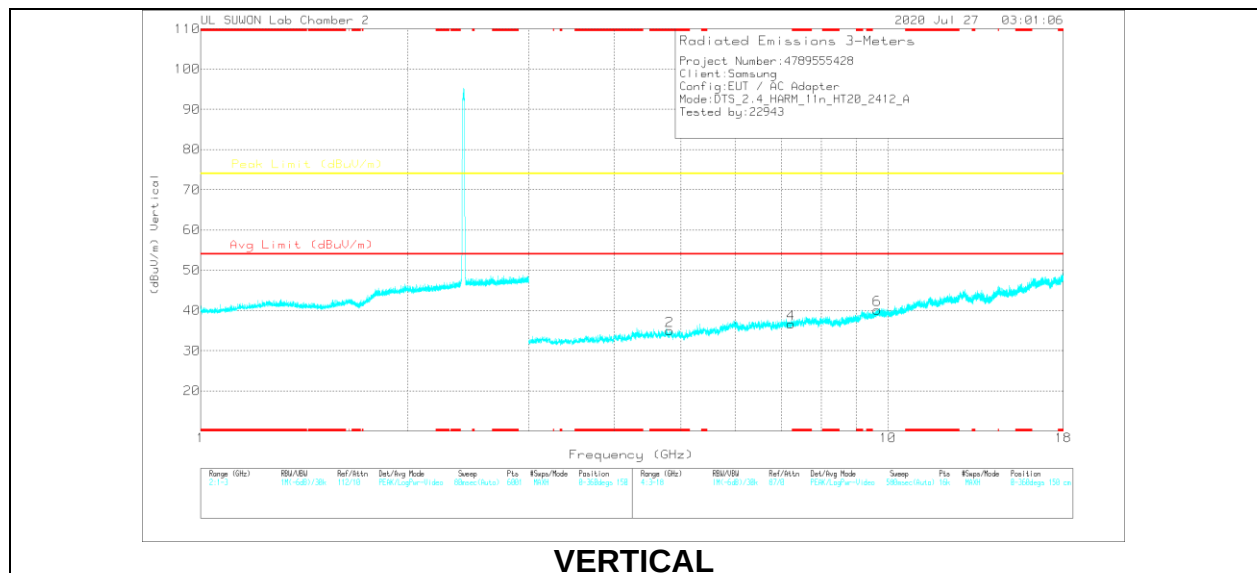
Peak Limit (dBuV/m)

Avg Limit (dBuV/m)

Frequency (GHz)

Range (GHz)	RBW/ABW	Ref/Attn	Det/Bw Mode	Sweep	PLA	Kepts/Mode	Position	Range (GHz)	RBW/ABW	Ref/Attn	Det/Bw Mode	Sweep	PLA	Kepts/Mode	Position
1-1.5	1M-SdB/120k	110/10	PKW-Logw/Fdata	Sweep	SMB	1000	P-3dB Bgs 150	3-3-18	1M-SdB/120k	85/10	PKW-Logw/Fdata	Sweep	SMB	1000	P-3dB Bgs 250 us

HORIZONTAL

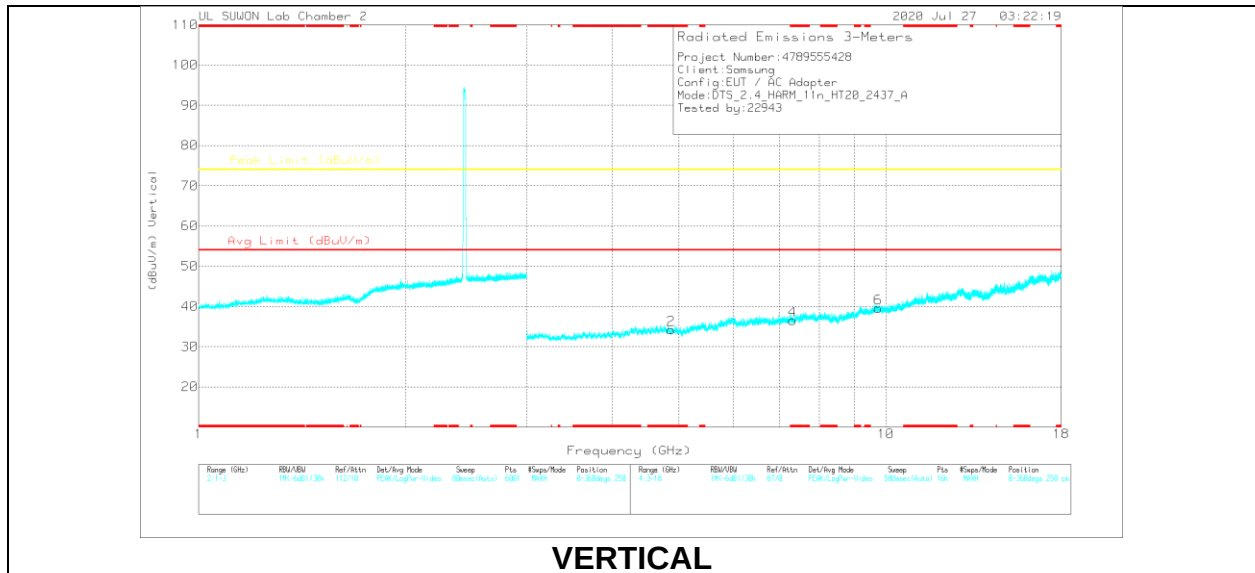
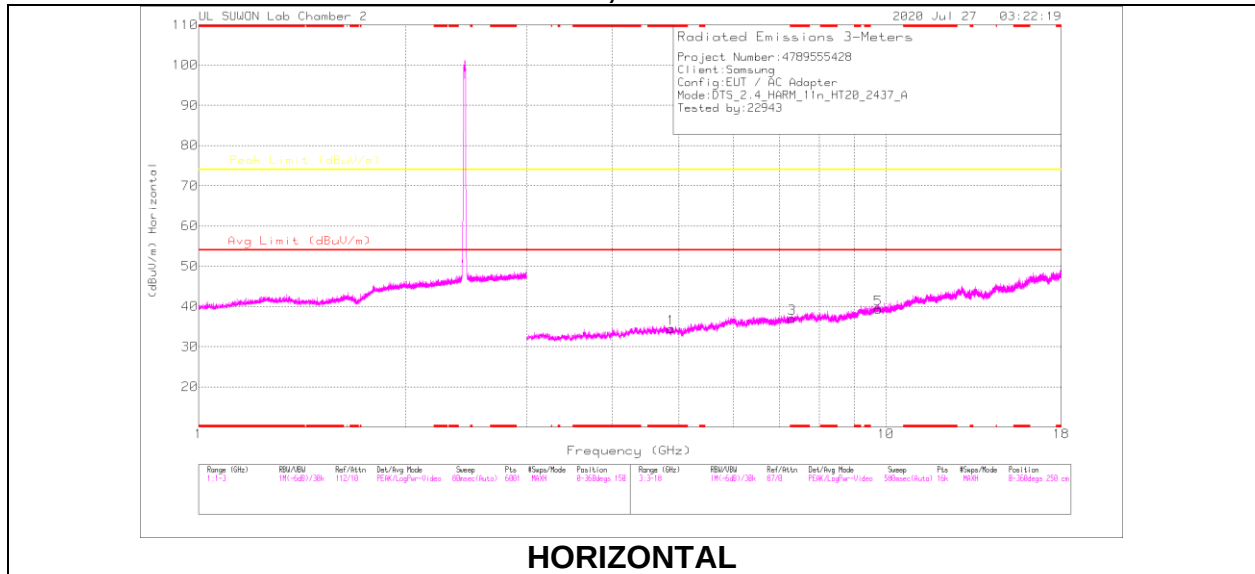


RADIATED EMISSIONS

Frequency (GHz)	Meter Reading (dBuV)	Det	3117_0021895 7	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
* 4.82296	40.43	PK2	34.2	-28.1	0	46.53	-	- 74	-	-27.47	155	100	H
* 4.82278	27.63	MAV1	34.2	-28.1	0	33.73	54	-20.27	-	-	155	100	H
* 4.82198	39.94	PK2	34.2	-28.1	0	46.04	-	- 74	-	-27.96	219	395	V
* 4.8222	26.95	MAV1	34.2	-28.1	0	33.05	54	-20.95	-	-	219	395	V
7.23528	35.28	PK2	35.9	-25.4	0	45.78	-	- 74	-	-28.22	360	100	H
7.23765	35.68	PK2	35.9	-25.4	0	46.18	-	- 74	-	-27.82	360	100	V
9.64915	33.4	PK2	36.9	-21.4	0	48.9	-	- 74	-	-25.1	360	100	H
9.64632	32.69	PK2	36.9	-21.5	0	48.09	-	- 74	-	-25.91	360	100	V

PK2 - KDB558074 Method: Maximum Peak
MAV1 - KDB558074 Option 1 Maximum RMS Average

MID CHANNEL, CH 6 RESULTS



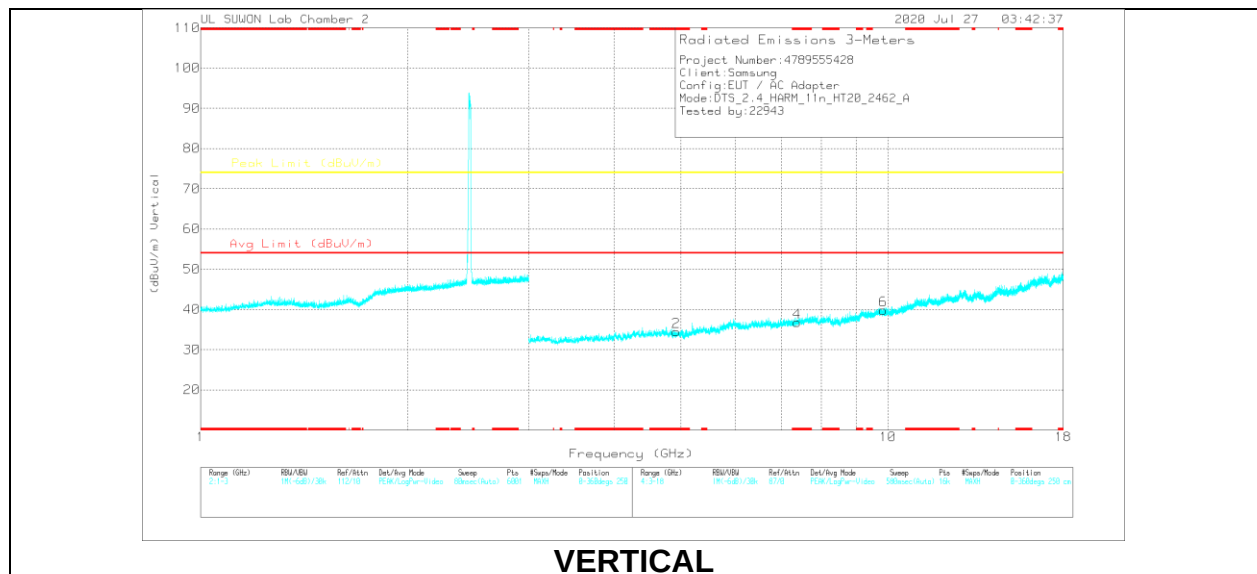
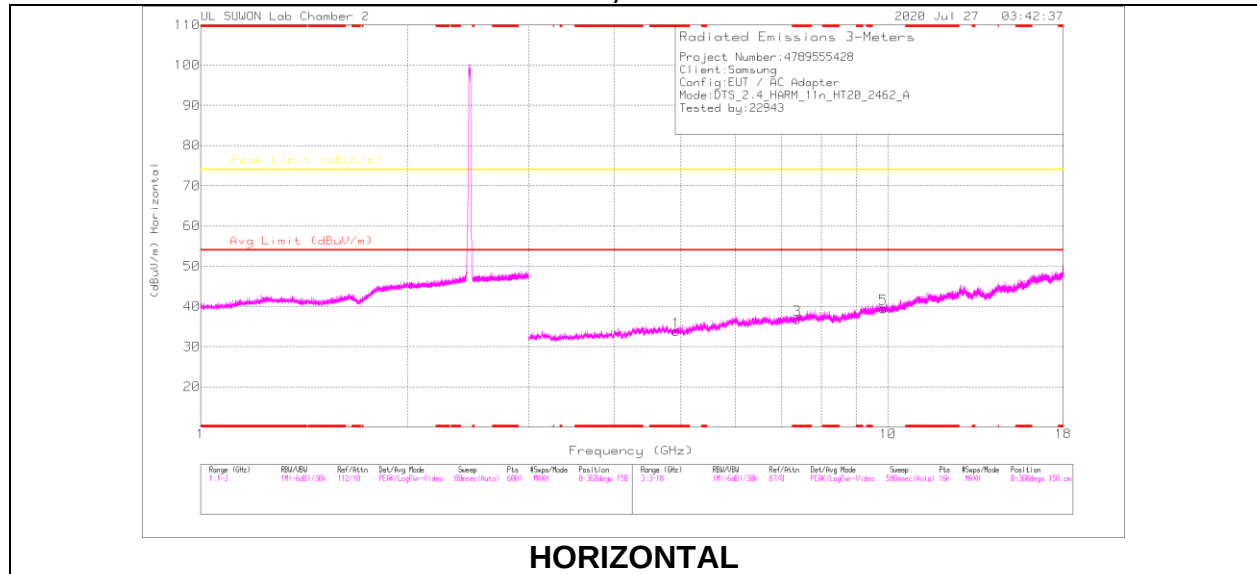
Note: Emission was scanned up to 26GHz; No emissions were detected above the noise floor which was at least 20dB below the specification limit.

RADIATED EMISSIONS

Frequency (GHz)	Meter Reading (dBuV)	Det	3117_00218957	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
* 4.87353	37.06	PK2	34.2	-27.9	0	43.36	-	-	74	-30.64	360	100	H
* 4.87397	37.22	PK2	34.2	-27.9	0	43.52	-	-	74	-30.48	360	100	V
* 7.31045	35.39	PK2	35.9	-24.9	0	46.39	-	-	74	-27.61	360	100	H
* 7.31184	35.48	PK2	35.9	-24.8	0	46.58	-	-	74	-27.42	360	100	V
9.74894	32.78	PK2	37	-21.2	0	48.58	-	-	74	-25.42	360	100	H
9.74738	32.93	PK2	37	-21.2	0	48.73	-	-	74	-25.27	360	100	V

* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band
PK2 - KDB558074 Method: Maximum Peak

HIGH CHANNEL, CH 11 RESULTS



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

RADIATED EMISSIONS

Frequency (GHz)	Meter Reading (dBuV)	Det	3117_00218957	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
* 4.92263	36.11	PK2	34.1	-27.2	0	43.01	-	-	74	-30.99	360	100	H
* 4.92201	36.08	PK2	34.1	-27.2	0	42.98	-	-	74	-31.02	360	100	V
* 7.38565	34.91	PK2	35.8	-24.2	0	46.51	-	-	74	-27.49	360	100	H
* 7.38511	34.5	PK2	35.8	-24.2	0	46.1	-	-	74	-27.9	360	100	V
9.84789	32.54	PK2	37.2	-21.6	0	48.14	-	-	74	-25.86	360	100	H
9.84855	32.81	PK2	37.2	-21.6	0	48.41	-	-	74	-25.59	360	100	V

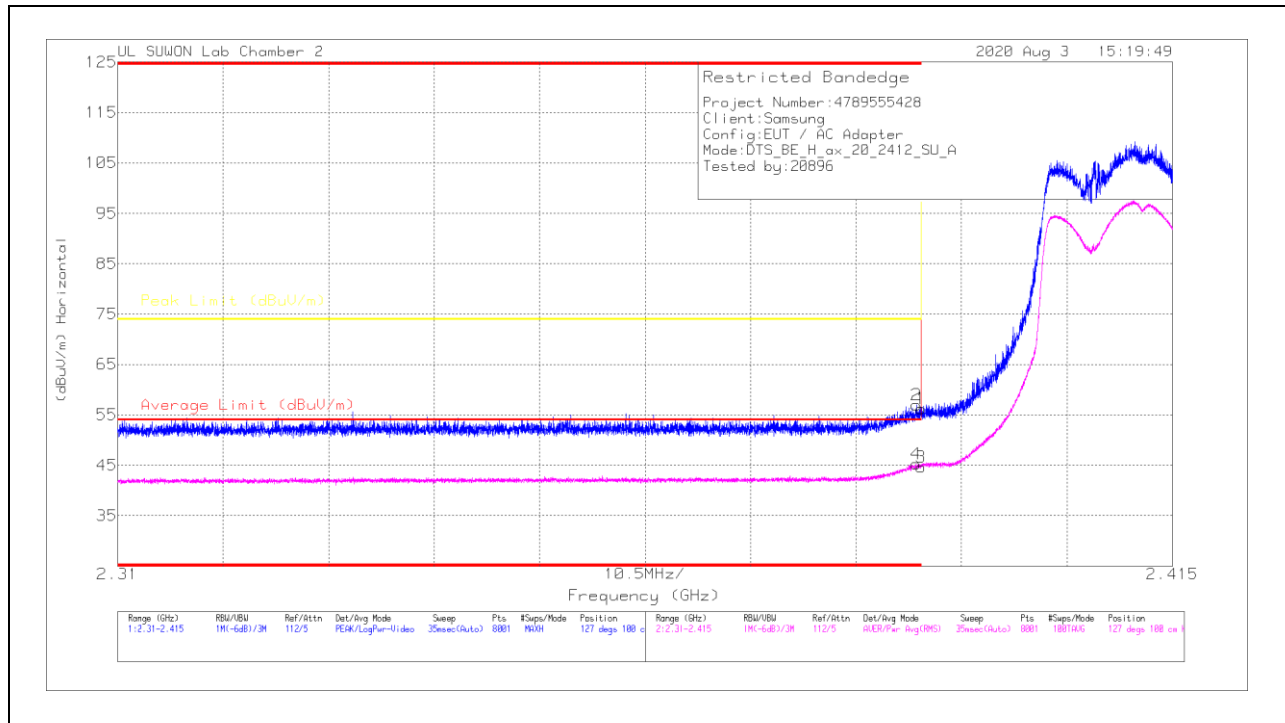
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band
PK2 - KDB558074 Method: Maximum Peak

10.1.4. TX ABOVE 1 GHz 802.11ax HE20(SU) MODE IN THE 2.4 GHz BAND

2TX Antenna 1 + Antenna 2 MODE

BANDEDGE (LOW CHANNEL, CH 1)

HORIZONTAL RESULT



Trace Markers

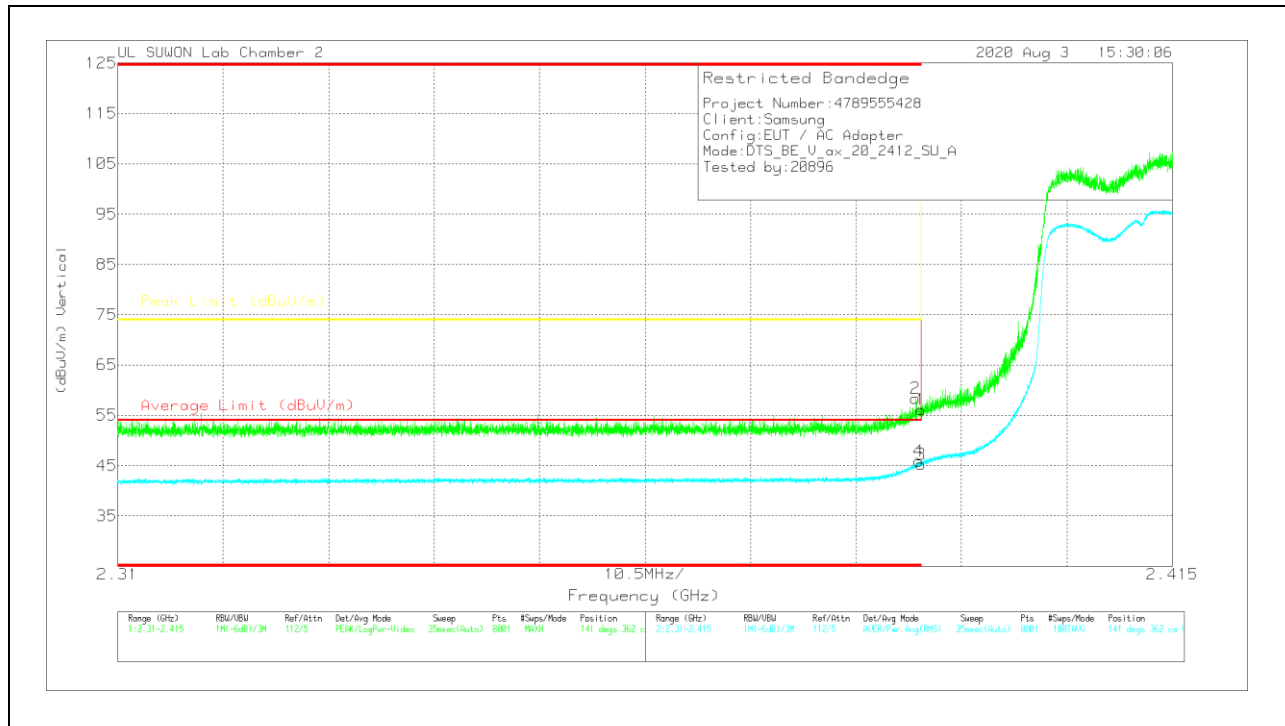
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	3117_00218957	10dB_ATT[dB]	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Altitude (m)	Height (cm)	Polarity
1	* 2.39	44.77	PK	32.1	-20.6	0	56.27	-	-	74	-17.73	127	100	H
2	* 2.38951	45.49	PK	32.1	-20.6	0	56.99	-	-	74	-17.01	127	100	H
3	* 2.39	33.18	RMS	32.1	-20.6	0	44.68	54	-9.32	-	-	127	100	H
4	* 2.3895	33.81	RMS	32.1	-20.6	0	45.31	54	-8.69	-	-	127	100	H

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

PK - Peak detector

RMS - RMS detection

VERTICAL RESULT



Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	3117_00218957	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	44.66	Pk	32.1	-20.6	0	56.16	-	-	74	-17.84	141	362	V
2	* 2.38943	46.87	Pk	32.1	-20.6	0	58.37	-	-	74	-15.63	141	362	V
3	* 2.39	33.76	RMS	32.1	-20.6	0	45.26	54	-8.74	-	-	141	362	V
4	* 2.38975	34.35	RMS	32.1	-20.6	0	45.85	54	-8.15	-	-	141	362	V

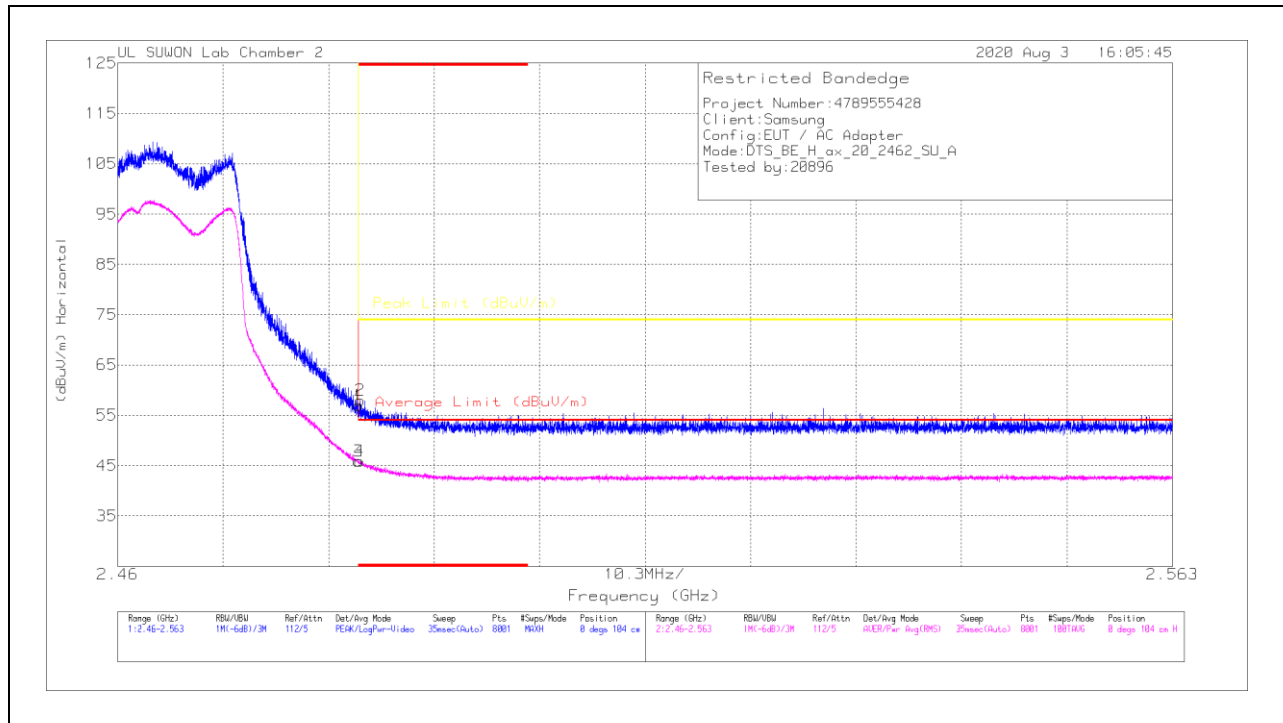
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

Pk - Peak detector

RMS - RMS detection

BANDEDGE (HIGH CHANNEL, CH 11)

HORIZONTAL RESULT



Trace Markers

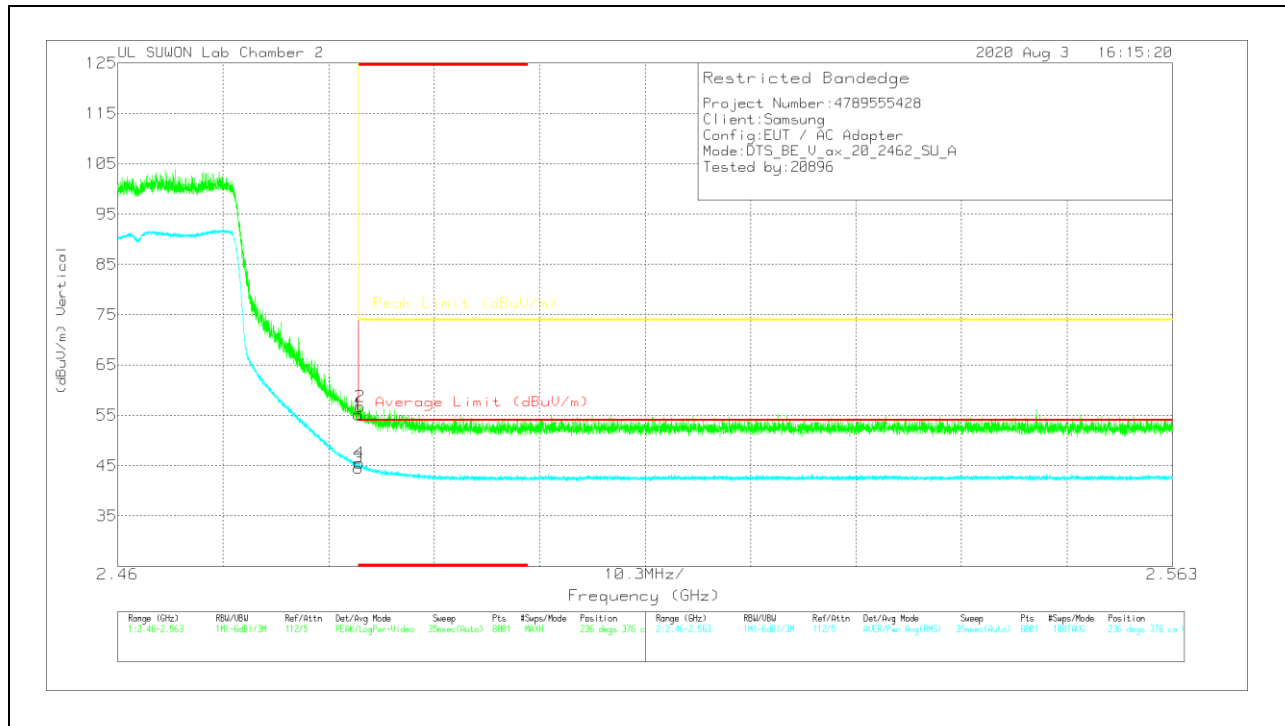
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	3117_00218957	1000_ATT[dB]	DC Corr (dB)	Corrected Reading (dBu/m)	Average Limit (dBu/m)	Margin (dB)	Peak Limit (dBu/m)	PK Margin (dB)	Altitude (Degs)	Height (cm)	Polarity
1	* 2.48351	45.15	Pk	32.2	-20.4	0	56.95	-	-	74	-17.05	0	104	H
2	* 2.48365	46.24	Pk	32.2	-20.4	0	58.04	-	-	74	-15.96	0	104	H
3	* 2.48351	34.08	RMS	32.2	-20.4	0	45.88	54	-8.12	-	-	0	104	H
4	* 2.48363	34.11	RMS	32.2	-20.4	0	45.91	54	-8.09	-	-	0	104	H

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

Pk - Peak detector

RMS - RMS detection

VERTICAL RESULT



Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	3117_00218957	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	43.33	Pk	32.2	-20.4	0	55.13	-	-	74	-18.87	236	376	V
2	* 2.48366	44.95	Pk	32.2	-20.4	0	56.75	-	-	74	-17.25	236	376	V
3	* 2.48351	32.67	RMS	32.2	-20.4	0	44.47	54	-9.53	-	-	236	376	V
4	* 2.48359	33.68	RMS	32.2	-20.4	0	45.48	54	-8.52	-	-	236	376	V

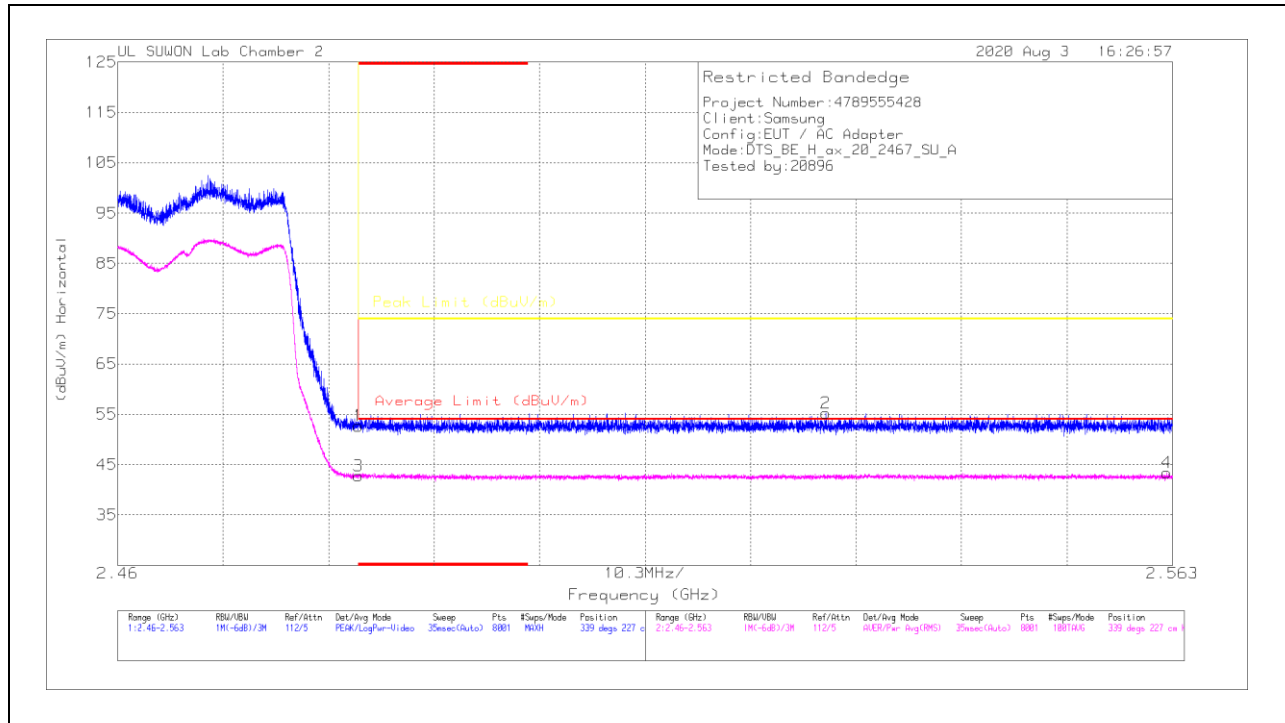
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

Pk - Peak detector

RMS - RMS detection

BANDEDGE (HIGH CHANNEL, CH 12)

HORIZONTAL RESULT



Trace Markers

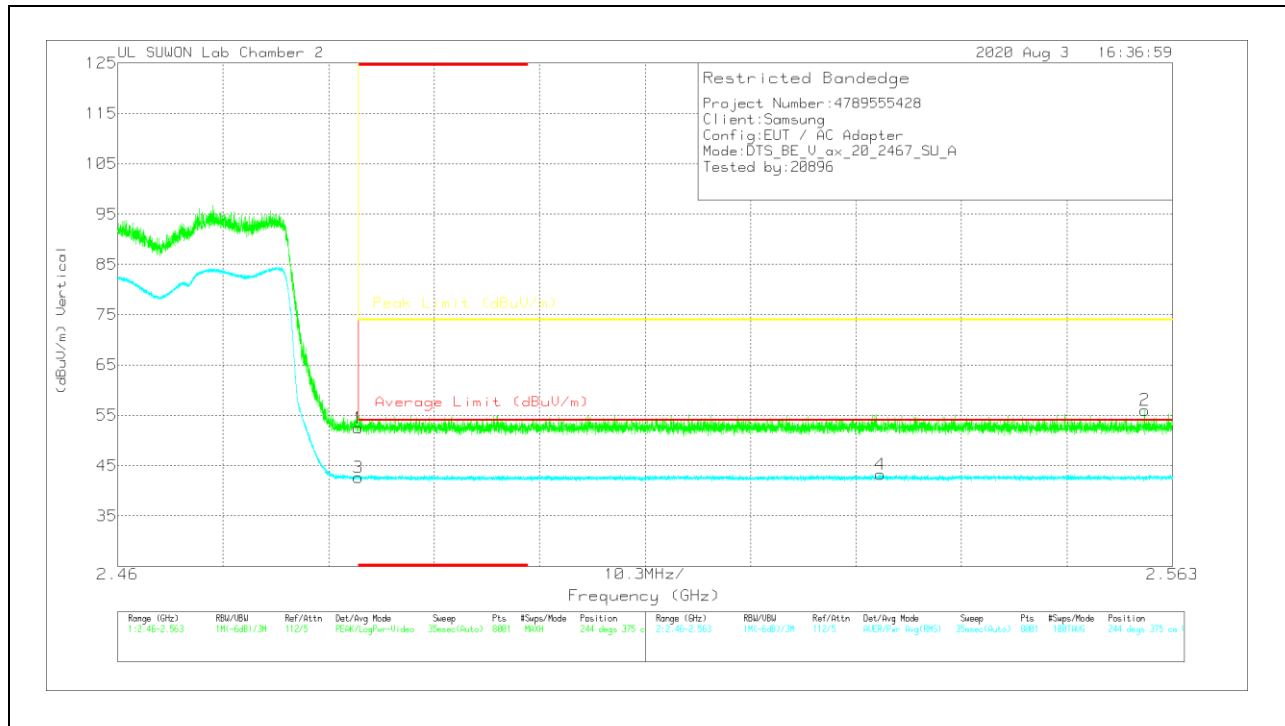
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	3117_00218957	10dB_ATT(dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Altitude (Degs)	Height (cm)	Polarity
1	* 2.48351	40.89	Pk	32.2	-20.4	0	52.69	-	-	74	-21.31	339	227	H
2	2.52914	43.33	Pk	32.3	-20.4	0	55.23	-	-	74	-18.77	339	227	H
3	* 2.48351	30.98	RMS	32.2	-20.4	0	42.78	54	-11.22	-	-	339	227	H
4	2.56246	31.5	RMS	32.3	-20.4	0	43.4	54	-10.6	-	-	339	227	H

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

Pk - Peak detector

RMS - RMS detection

VERTICAL RESULT



Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	3117_00218957	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	40.67	PK	32.2	-20.4	0	52.47	-	-	74	-21.53	244	375	V
2	2.56028	44.15	PK	32.3	-20.4	0	56.05	-	-	74	-17.95	244	375	V
3	* 2.48351	30.9	RMS	32.2	-20.4	0	42.7	54	-11.3	-	-	244	375	V
4	2.53446	31.41	RMS	32.3	-20.4	0	43.31	54	-10.69	-	-	244	375	V

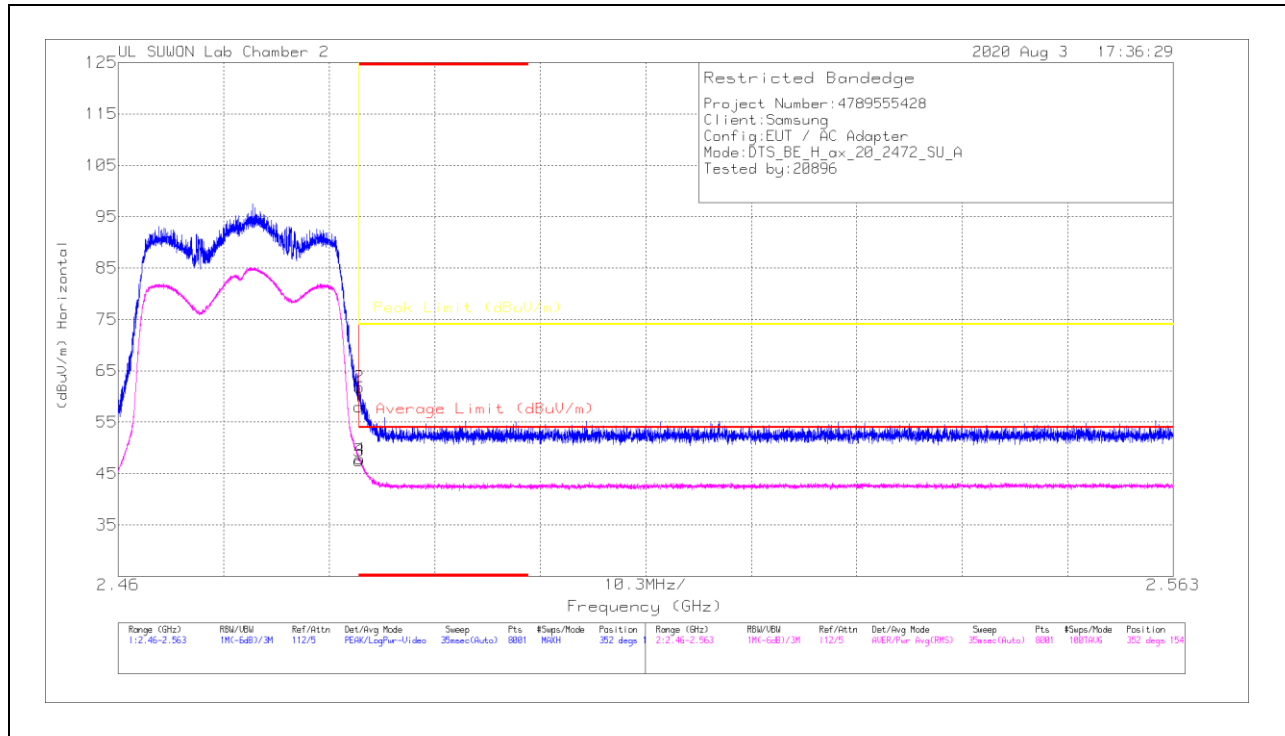
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

PK - Peak detector

RMS - RMS detection

BANDEDGE (HIGH CHANNEL, CH 13)

HORIZONTAL RESULT



Trace Markers

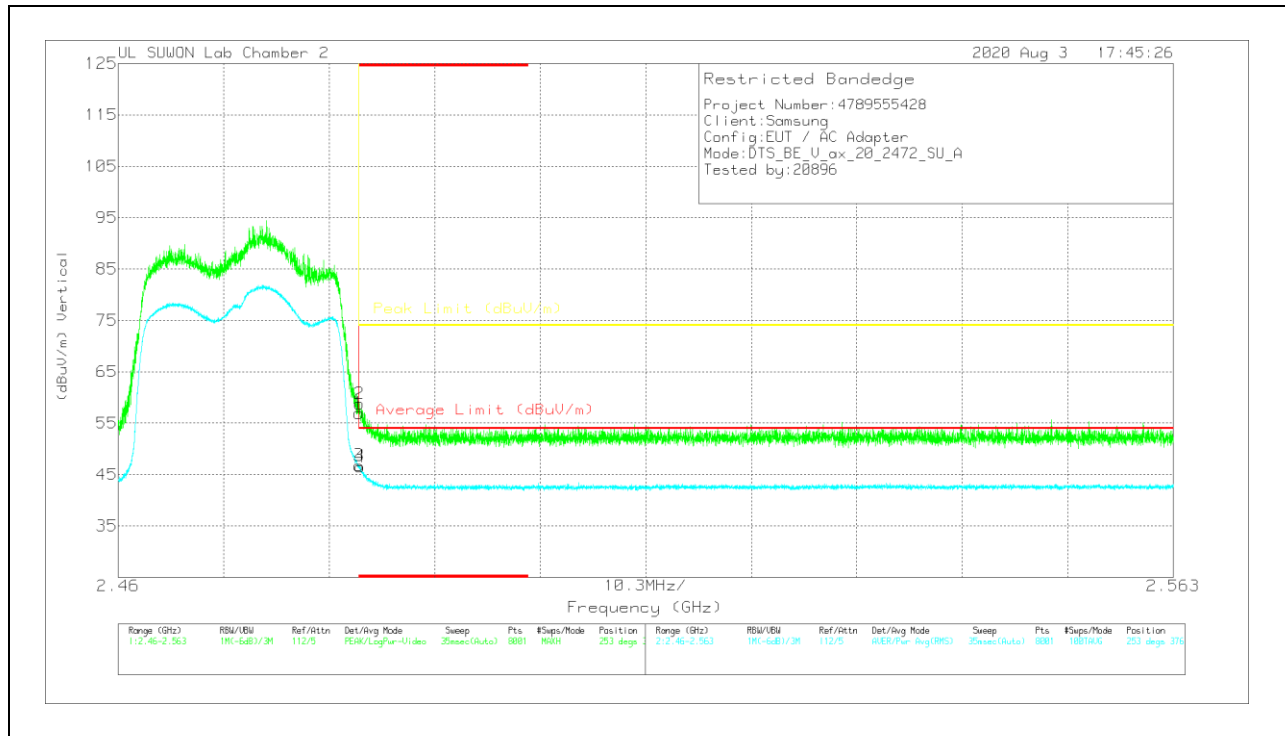
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	3117_00218957	10dB_ATT[dB]	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.48351	46.25	PK	32.2	-20.4	0	58.05	-	-	74	-15.95	352	154	H
2	* 2.48355	50.03	PK	32.2	-20.4	0	61.83	-	-	74	-12.17	352	154	H
3	* 2.48351	35.69	RMS	32.2	-20.4	0	47.49	54	-6.51	-	-	352	154	H
4	* 2.48357	36.03	RMS	32.2	-20.4	0	47.83	54	-6.17	-	-	352	154	H

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

Pk - Peak detector

RMS - RMS detection

VERTICAL RESULT



Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	3117_00218957	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	45.17	Pk	32.2	-20.4	0	56.97	-	-	74	-17.03	253	376	V
2	* 2.48355	47.01	Pk	32.2	-20.4	0	58.81	-	-	74	-15.19	253	376	V
3	* 2.48351	34.95	RMS	32.2	-20.4	0	46.75	54	-7.25	-	-	253	376	V
4	* 2.48361	34.74	RMS	32.2	-20.4	0	46.54	54	-7.46	-	-	253	376	V

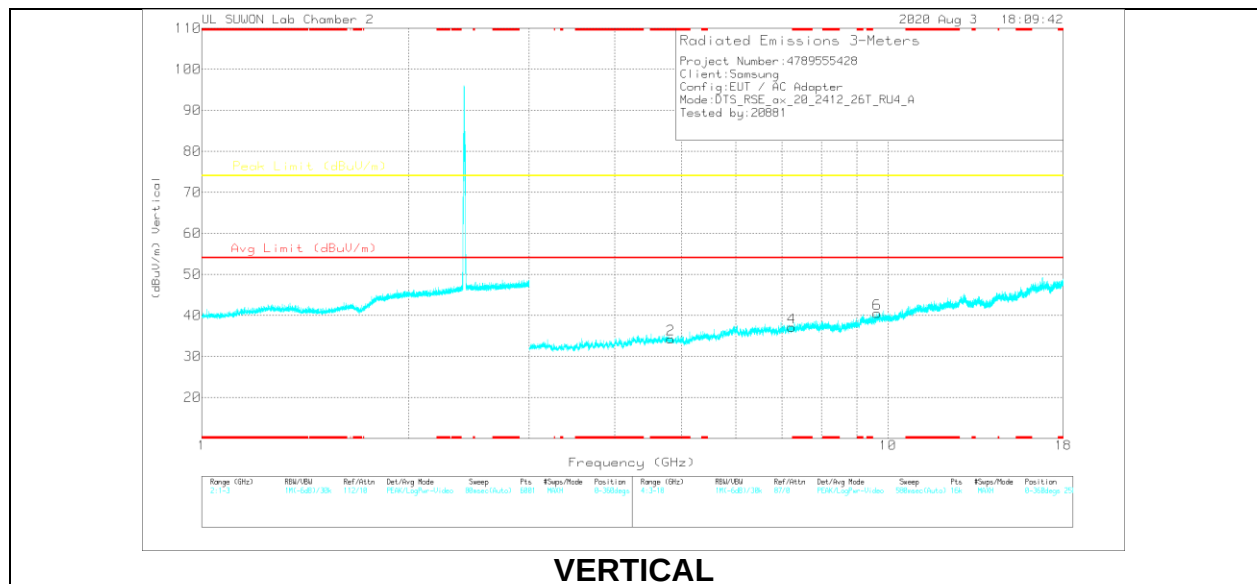
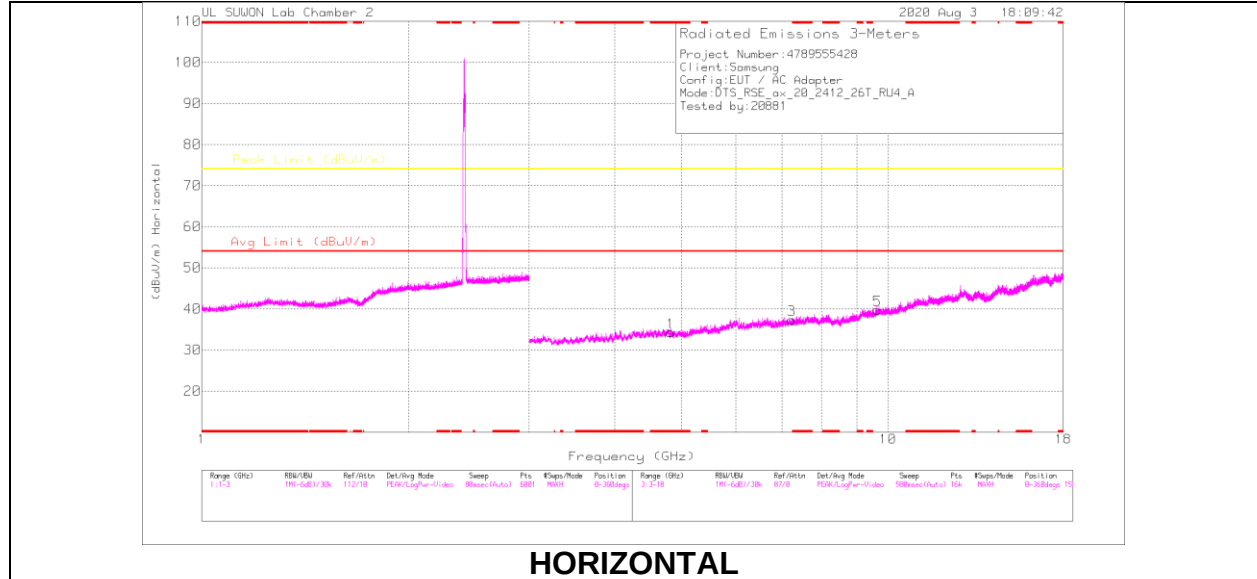
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

Pk - Peak detector

RMS - RMS detection

10.1.5. TX ABOVE 1 GHz 802.11ax HE20(RU) MODE IN THE 2.4 GHz BAND **2TX Antenna 1 + Antenna 2 MODE**

HARMONICS AND SPURIOUS EMISSIONS **LOW CHANNEL, CH 1 / 26T / RU4 RESULTS**



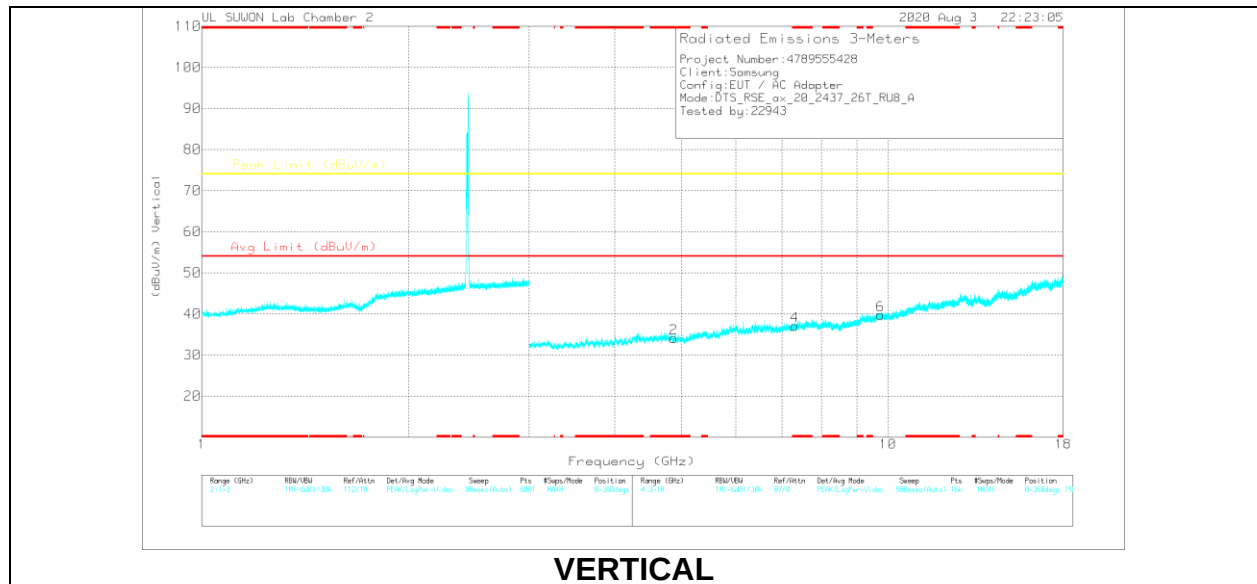
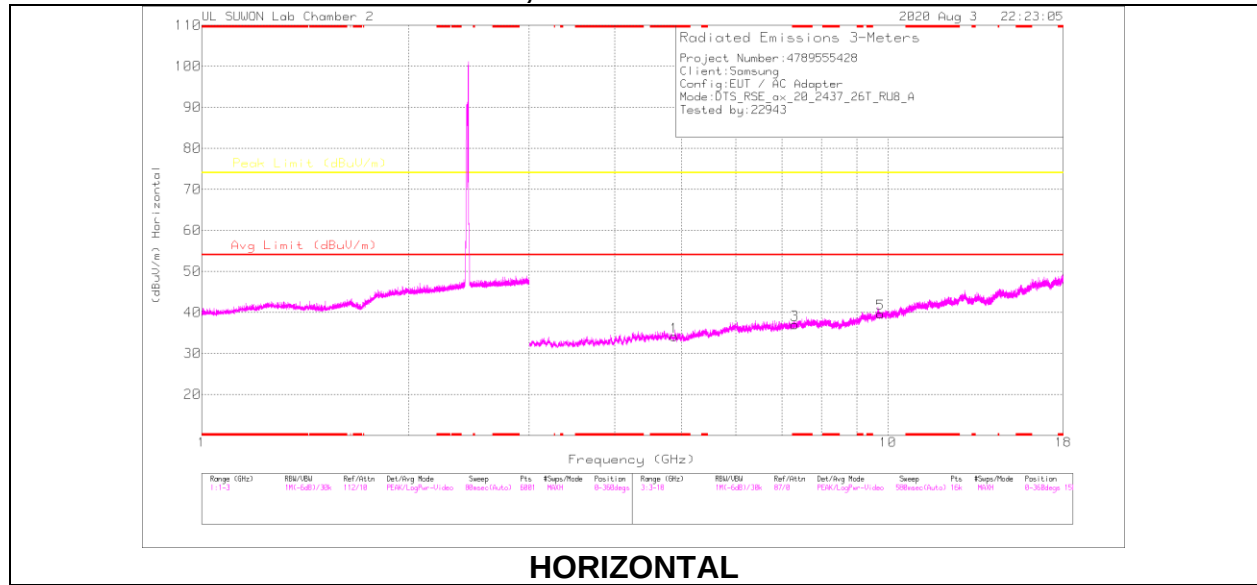
Note: Emission was scanned up to 26GHz; No emissions were detected above the noise floor which was at least 20dB below the specification limit.

RADIATED EMISSIONS

Frequency (GHz)	Meter Reading (dBuV)	Det	3117_00218957	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
* 4.82425	37.26	PK2	34.2	-28.1	0	43.36	-	-	74	-30.64	360	100	H
* 4.82394	37.41	PK2	34.2	-28.1	0	43.51	-	-	74	-30.49	360	100	V
7.23713	35.59	PK2	35.9	-25.4	0	46.09	-	-	74	-27.91	360	100	H
7.23757	35.88	PK2	35.9	-25.4	0	46.38	-	-	74	-27.62	360	100	V
9.64841	33.1	PK2	36.9	-21.5	0	48.5	-	-	74	-25.5	360	100	H
9.64709	33.1	PK2	36.9	-21.5	0	48.5	-	-	74	-25.5	360	100	V

* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band
PK2 - KDB558074 Method: Maximum Peak

MID CHANNEL, CH 6 / 26T / RU8 RESULTS



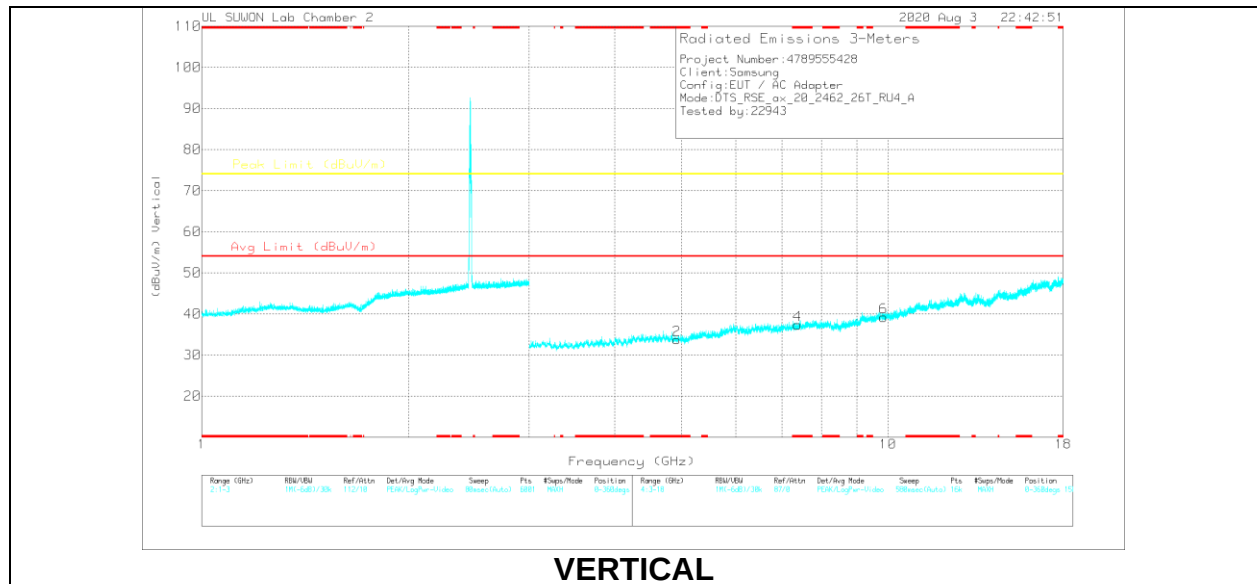
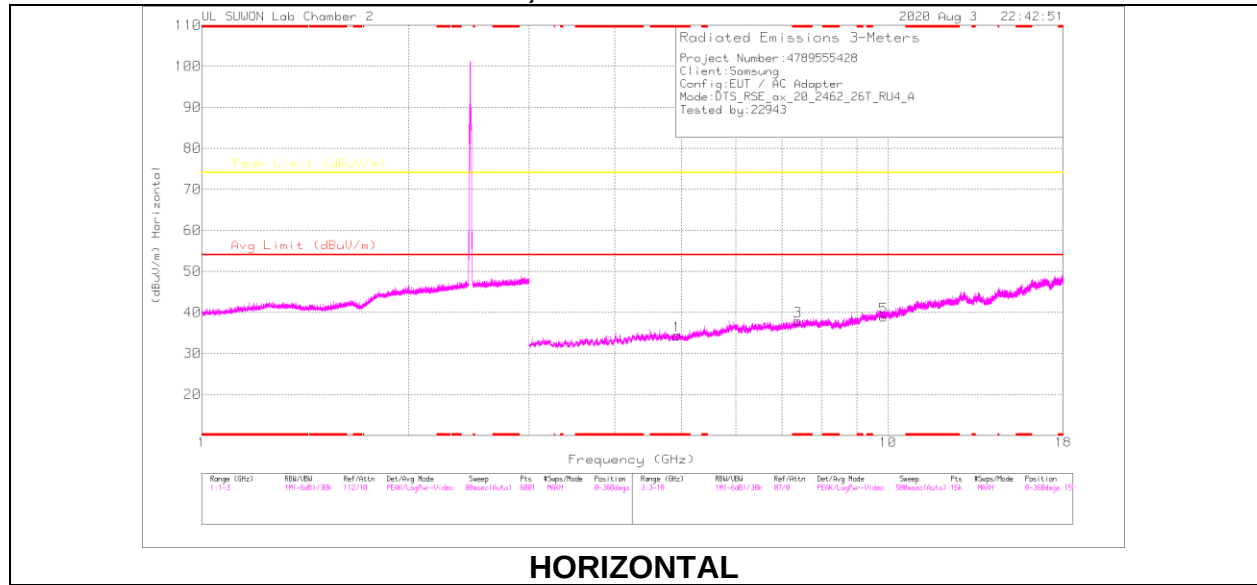
Note: Emission was scanned up to 26GHz; No emissions were detected above the noise floor which was at least 20dB below the specification limit.

RADIATED EMISSIONS

Frequency (GHz)	Meter Reading (dBuV)	Det	3117_00218957	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
* 4.87239	37.43	PK2	34.2	-27.9	0	43.73	-	-	74	-30.27	360	100	H
* 4.8745	36.85	PK2	34.2	-27.9	0	43.15	-	-	74	-30.85	360	100	V
* 7.31117	35.28	PK2	35.9	-24.9	0	46.28	-	-	74	-27.72	360	100	H
* 7.31149	35.54	PK2	35.9	-24.8	0	46.64	-	-	74	-27.36	360	100	V
9.74677	32.77	PK2	37	-21.2	0	48.57	-	-	74	-25.43	360	100	H
9.74662	32.41	PK2	37	-21.2	0	48.21	-	-	74	-25.79	360	100	V

* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band
PK2 - KDB558074 Method: Maximum Peak

HIGH CHANNEL, CH 11 / 26T / RU4 RESULTS



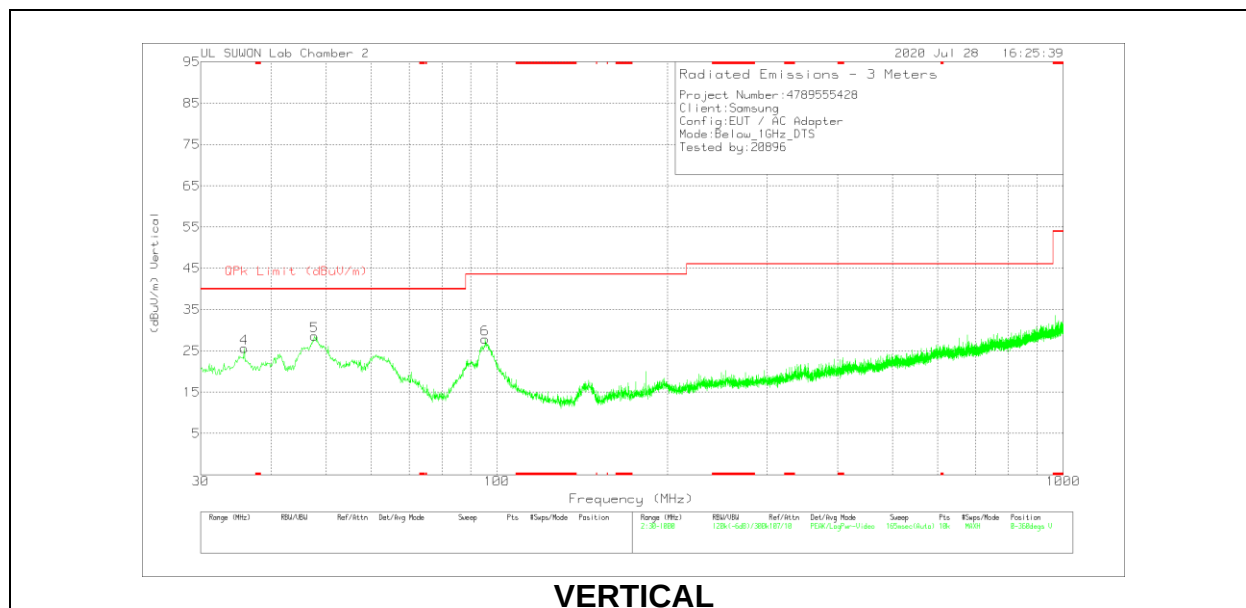
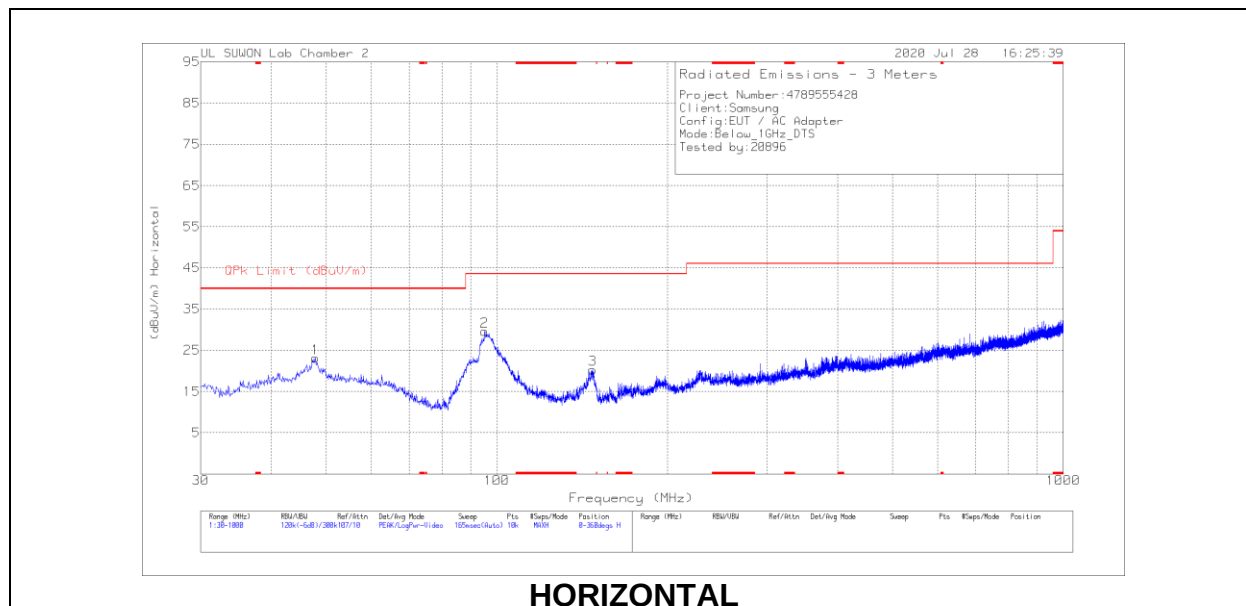
Note: Emission was scanned up to 26GHz; No emissions were detected above the noise floor which was at least 20dB below the specification limit.

RADIATED EMISSIONS

Frequency (GHz)	Meter Reading (dBuV)	Det	3117_00218957	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
* 4.92246	36.04	PK2	34.1	-27.2	0	42.94	-	-	74	-31.06	360	100	H
* 4.92567	35.82	PK2	34.1	-27.2	0	42.72	-	-	74	-31.28	360	100	V
* 7.38531	35.08	PK2	35.8	-24.1	0	46.78	-	-	74	-27.22	360	100	H
* 7.38737	34.98	PK2	35.8	-24.1	0	46.68	-	-	74	-27.32	360	100	V
9.84674	32.64	PK2	37.2	-21.6	0	48.24	-	-	74	-25.76	360	100	H
9.84727	33.03	PK2	37.2	-21.6	0	48.63	-	-	74	-25.37	360	100	V

* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band
PK2 - KDB558074 Method: Maximum Peak

10.2. WORST CASE BELOW 1 GHZ



Below 1GHz DATA

Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	VULB9163_749	Below_1G[dB]	Corrected Reading (dBuV/m)	QPk Limit (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	47.848	35.09	Pk	19.8	-31.8	23.09	40	-16.91	0-360	400	H
2	95.184	43.85	Pk	17.2	-31.4	29.65	43.52	-13.87	0-360	300	H
3	147.564	37.22	Pk	14.1	-31	20.32	43.52	-23.2	0-360	200	H
4	35.82	40.49	Pk	17	-31.9	25.59	40	-14.41	0-360	100	V
5	47.654	40.64	Pk	19.8	-31.8	28.64	40	-11.36	0-360	100	V
6	95.378	41.97	Pk	17.3	-31.4	27.87	43.52	-15.65	0-360	100	V

Pk - Peak detector

11. 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.

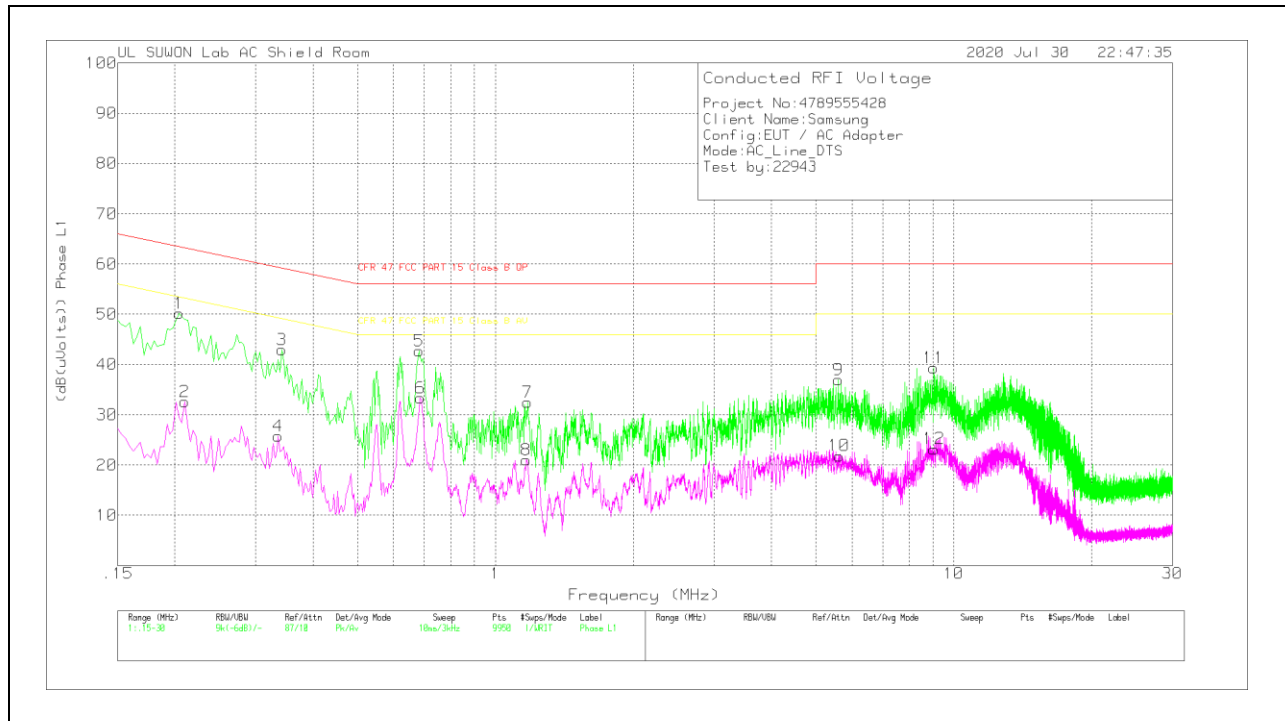
The receiver is set to a resolution bandwidth of 9 kHz. Peak detection is used unless otherwise noted as quasi-peak or average.

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

RESULTS

11.1.1. AC Power Line

LINE 1 RESULTS



Trace Markers

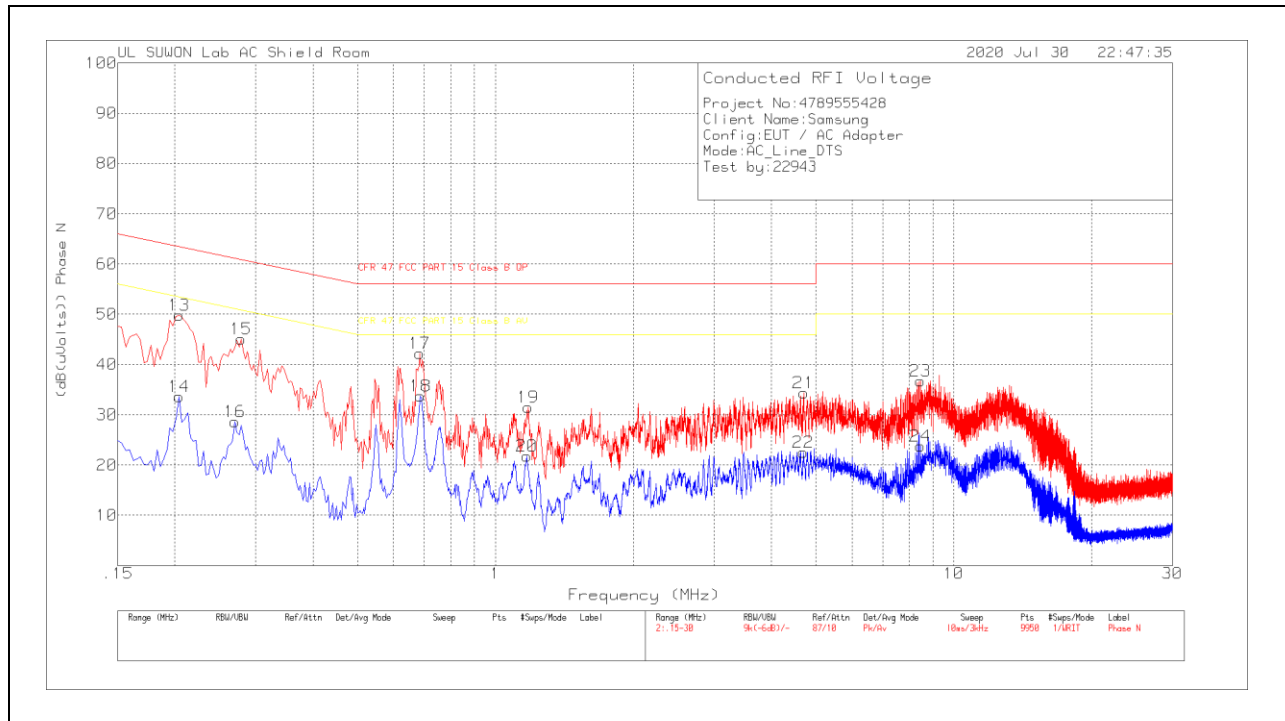
Range 1: Phase L1 .15 - 30MHz

Marker	Frequency (MHz)	Meter Reading (dBUV)	Det	101836_Wit h Ex_L1[dB]	CABLELOS S(dB)	Corrected Reading (dBUV)	CFR 47 FCC PART 15 Class B QP	Margin (dB)	CFR 47 FCC PART 15 Class B AV	Margin (dB)
1	.204	40.13	Pk	9.9	.2	50.23	63.45	-13.22	-	-
2	.21	22.53	Av	9.9	.2	32.63	-	-	53.21	-20.58
3	.342	32.81	Pk	9.9	.2	42.91	59.15	-16.24	-	-
4	.336	15.72	Av	9.8	.2	25.72	-	-	49.3	-23.58
5	.681	32.64	Pk	9.9	.2	42.74	56	-13.26	-	-
6	.687	23.29	Av	9.9	.2	33.39	-	-	46	-12.61
7	1.176	22.4	Pk	9.8	.3	32.5	56	-23.5	-	-
8	1.167	10.94	Av	9.8	.3	21.04	-	-	46	-24.96
9	5.607	26.87	Pk	9.8	.3	36.97	60	-23.03	-	-
10	5.625	11.73	Av	9.8	.3	21.83	-	-	50	-28.17
11	9.042	29	Pk	9.9	.4	39.3	60	-20.7	-	-
12	9.054	12.9	Av	9.9	.4	23.2	-	-	50	-26.8

Pk - Peak detector

Av - Average detection

LINE 2 RESULTS



Trace Markers

Range 2: Phase N .15 - 30MHz

Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	101836_Wit h 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	.204	39.75	Pk	9.9	.2	49.85	63.45	-13.6	-	-
14	.204	23.56	Av	9.9	.2	33.66	-	-	53.45	-19.79
15	.279	35.22	Pk	9.7	.2	45.12	60.85	-15.73	-	-
16	.27	18.69	Av	9.7	.2	28.59	-	-	51.12	-22.53
17	.684	32.1	Pk	9.9	.2	42.2	56	-13.8	-	-
18	.687	23.59	Av	9.9	.2	33.69	-	-	46	-12.31
19	1.179	21.39	Pk	9.8	.3	31.49	56	-24.51	-	-
20	1.173	11.65	Av	9.8	.3	21.75	-	-	46	-24.25
21	4.704	24.23	Pk	9.8	.3	34.33	56	-21.67	-	-
22	4.695	12.47	Av	9.8	.3	22.57	-	-	46	-23.43
23	8.472	26.51	Pk	9.9	.3	36.71	60	-23.29	-	-
24	8.463	13.54	Av	9.9	.3	23.74	-	-	50	-26.26

Pk - Peak detector

Av - Average detection

END OF TEST REPORT