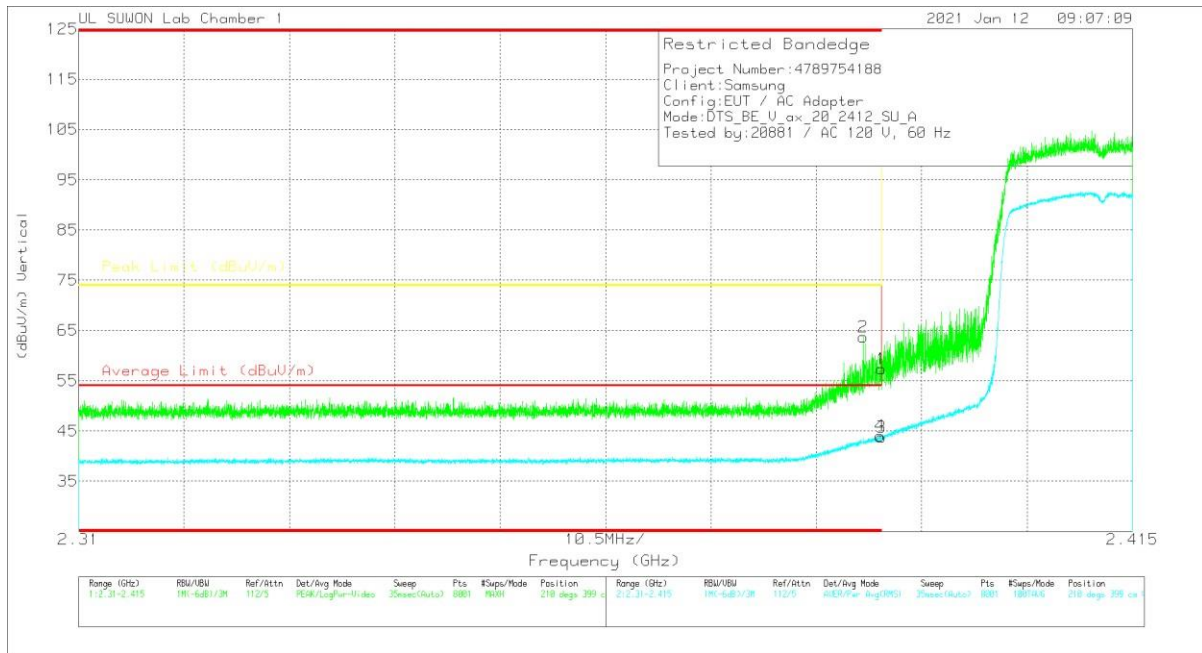


VERTICAL RESULT



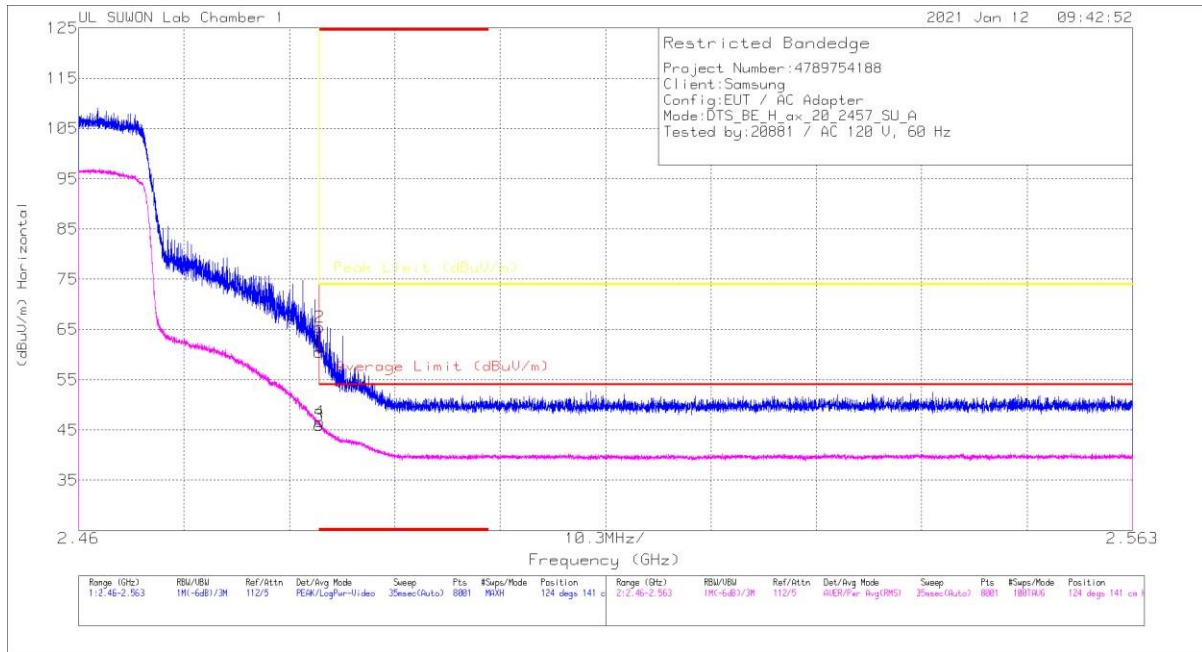
Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBuV/m)	Det	3117_00168717	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	51.16	PK	31.8	-25.6	0	57.36	-	-	74	-15.64	210	399	V
2	*2.38819	57.42	PK	31.8	-25.5	0	63.72	-	-	-	-	210	399	V
3	*2.39	37.53	RMS	31.8	-25.6	-1	43.83	54	-10.17	-	-	210	399	V
4	*2.38987	37.77	RMS	31.8	-25.6	-1	44.07	54	-8.93	-	-	210	399	V

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

BANDEDGE (HIGH CHANNEL, CH 10)

HORIZONTAL RESULT

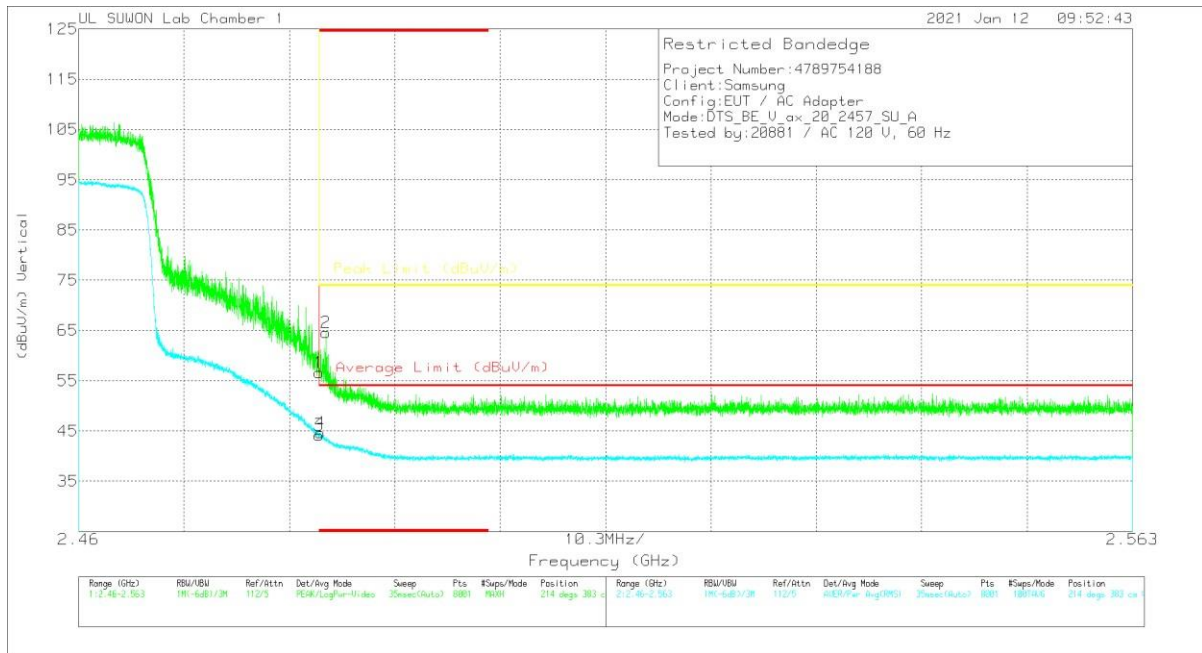


Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	3117_00168717	10dB_ATT(dB)	DC Corr (dB)	Corrected Reading (dBuV)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.48351	53.79	PK	32	-25.3	0	60.49	-	-	74	-13.51	124	141	H
2	* 2.48354	58.74	PK	32	-25.3	0	65.44	-	-	74	-8.56	124	141	H
3	* 2.48351	39.11	RMS	32	-25.3	.1	45.91	54	-8.09	-	-	124	141	H
4	* 2.48355	39.82	RMS	32	-25.3	.1	46.62	54	-7.38	-	-	124	141	H

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

VERTICAL RESULT



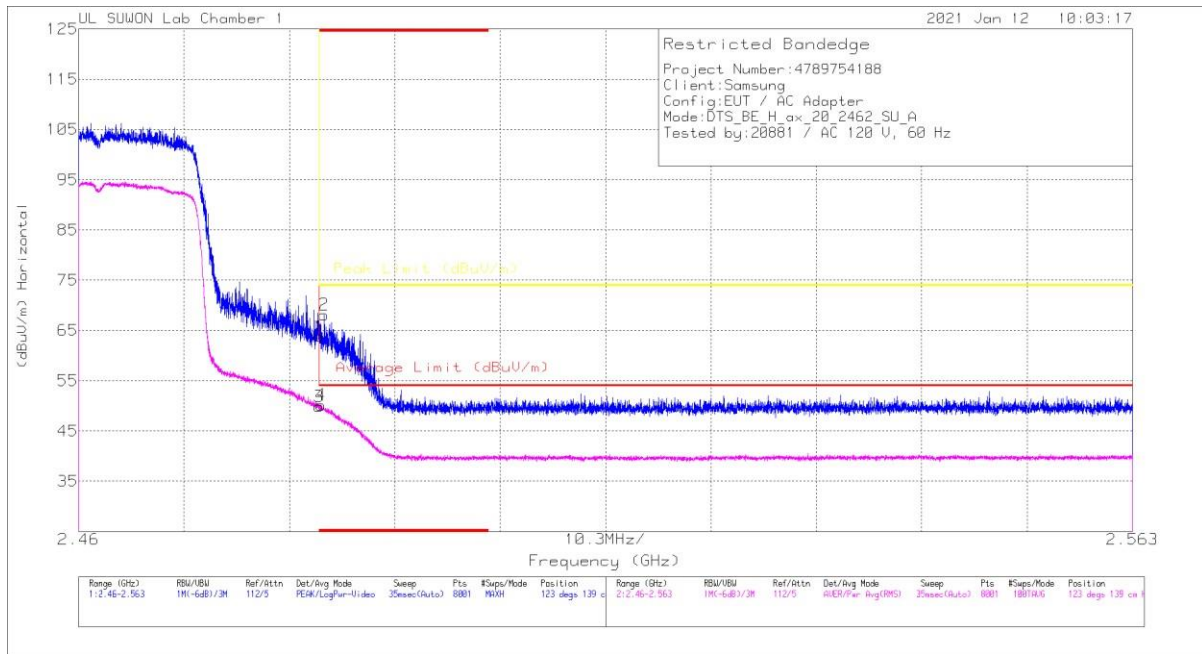
Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBuV/m)	Det	3117_00168717	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	48.9	PK	32	-25.3	0	56.5	-	-	74	-17.4	214	383	V
2	*2.48419	57.93	PK	32	-25.3	0	64.63	-	-	74	-8.37	214	383	V
3	*2.48351	37.41	RMS	32	-25.3	-1	44.21	54	-9.79	-	-	214	383	V
4	*2.48361	37.85	RMS	32	-25.3	-1	44.65	54	-9.35	-	-	214	383	V

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

BANDEDGE (HIGH CHANNEL, CH 11)

HORIZONTAL RESULT

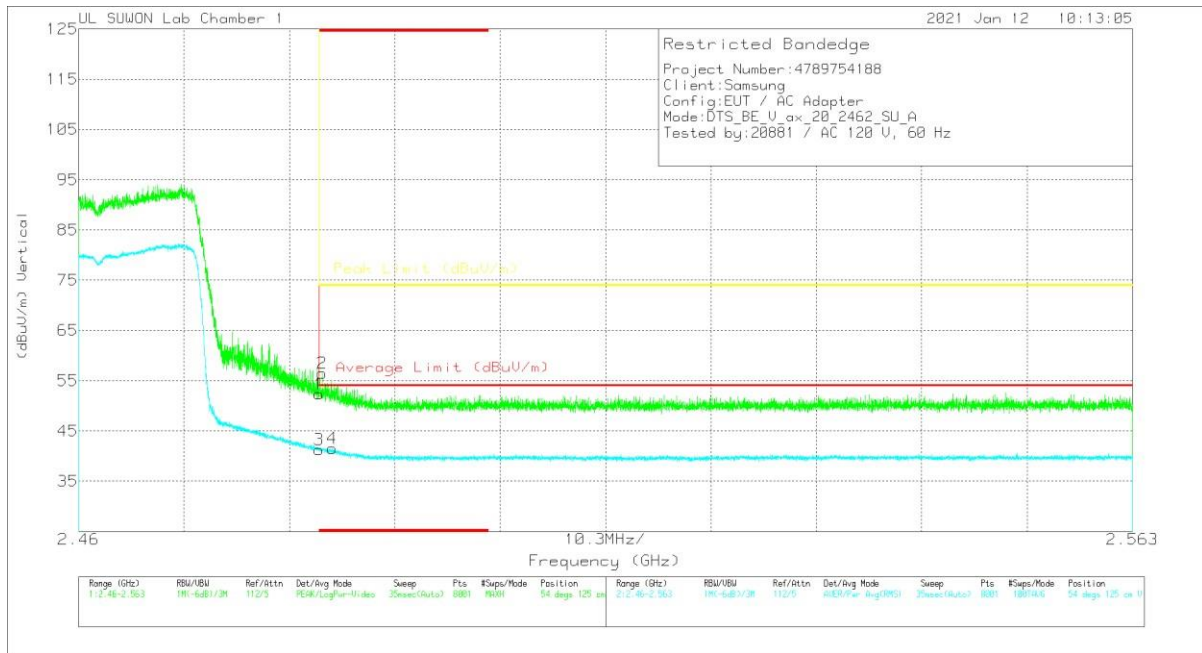


Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	3117_00168/17	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	57.17	PK	-32	-25.3	0	63.87	-	-	74	-10.13	123	139	H
2	*2.48401	61.44	PK	-32	-25.3	0	68.14	-	-	74	-5.86	123	139	H
3	*2.48351	43.03	RMS	-32	-25.3	-1	49.33	54	-4.17	-	-	123	139	H
4	*2.48368	43.39	RMS	-32	-25.3	-1	50.19	54	-3.81	-	-	123	139	H

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

VERTICAL RESULT



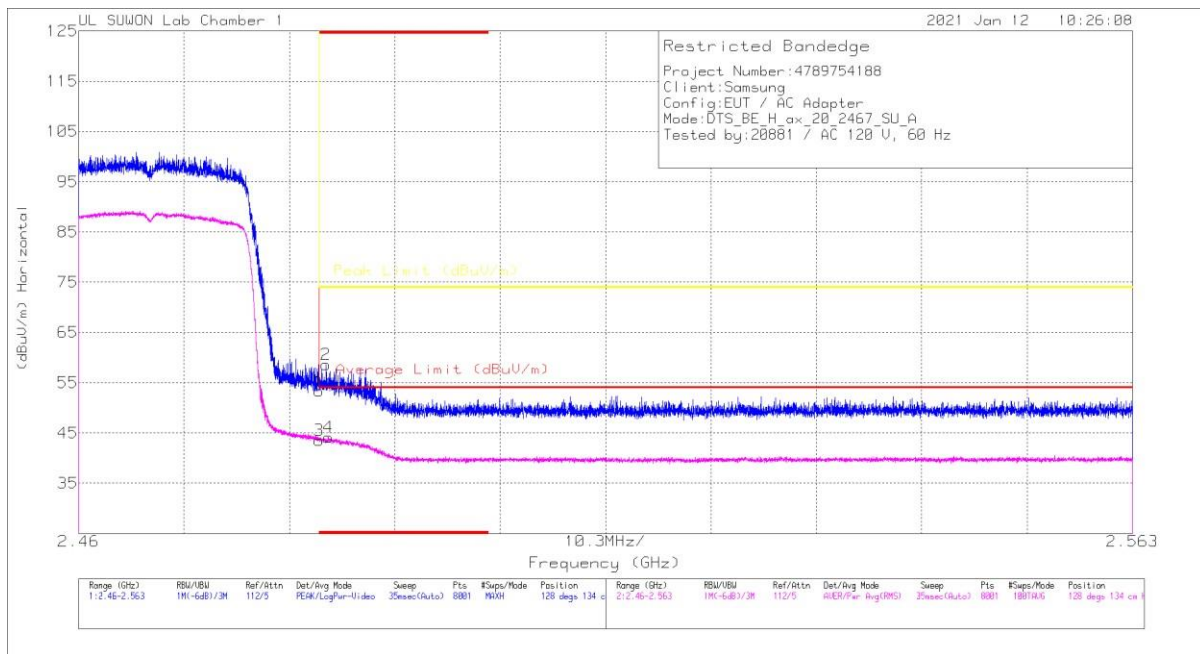
Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBuV/m)	Det	3117_00168717	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	45.66	PK	32	-25.3	0	52.36	-	-	74	-21.64	54	125	V
2	*2.48379	49.79	PK	32	-25.3	0	56.49	-	-	74	-17.51	54	125	V
3	*2.48351	34.46	RMS	32	-25.3	.1	41.26	54	-12.74	-	-	54	125	V
4	*2.4848	34.68	RMS	32	-25.2	.1	41.58	54	-12.42	-	-	54	125	V

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

BANDEDGE (HIGH CHANNEL, CH 12)

HORIZONTAL RESULT

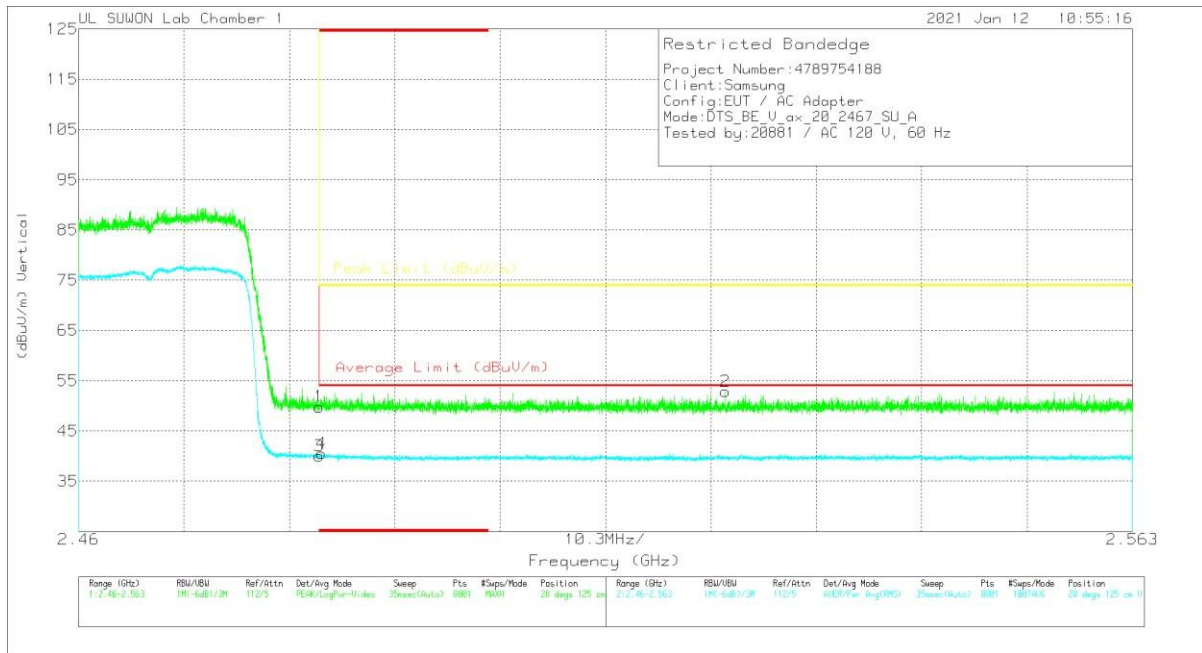


Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	3117_00168/17	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	46.88	PK	-32	-25.3	0	53.38	-	-	74	-20.62	128	134	H
2	*2.48417	51.86	PK	-32	-25.3	0	58.56	-	-	74	-15.44	128	134	H
3	*2.48351	38.78	RMS	-32	-25.3	-1	43.36	54	-10.44	-	-	128	134	H
4	*2.48442	37.3	RMS	-32	-25.2	-1	44.2	54	-9.8	-	-	128	134	H

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

VERTICAL RESULT



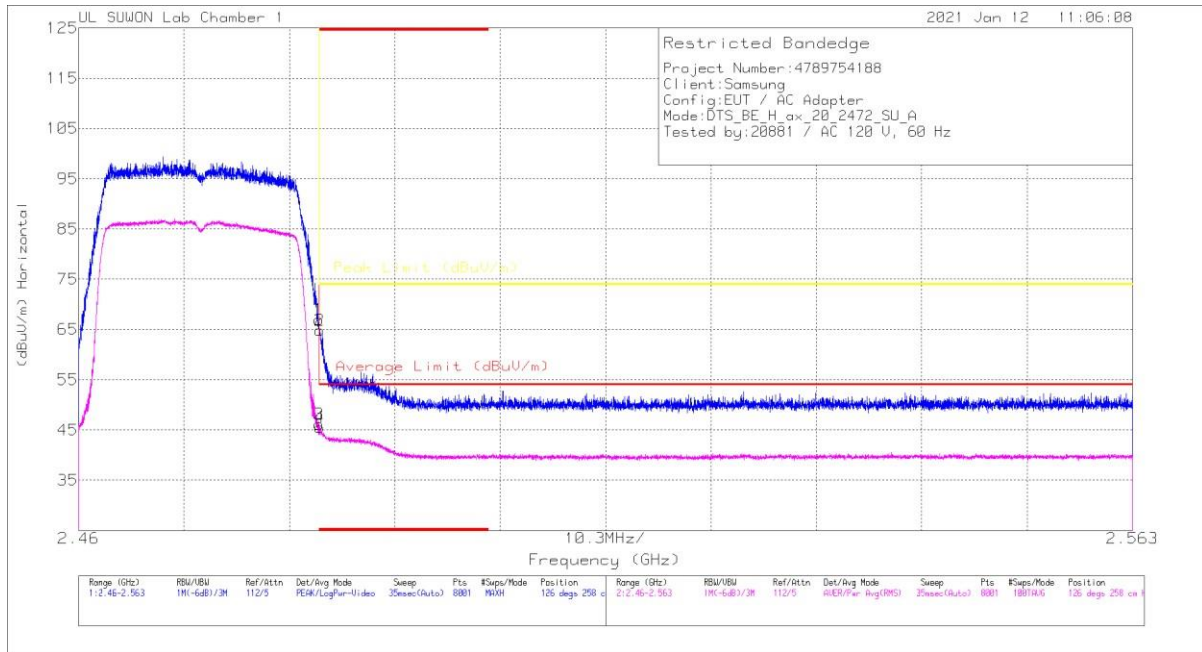
Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBuV/m)	Det	3117_00168717	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	43.12	PK	32	-25.3	0	43.32	-	-	74	-21.18	28	125	V
2	2.52322	45.97	PK	32	-25.1	0	52.87	-	-	74	-21.13	28	125	V
3	*2.48351	33.25	RMS	32	-25.3	.1	40.05	54	-13.95	-	-	28	125	V
4	*2.48374	33.79	RMS	32	-25.3	.1	40.59	54	-13.41	-	-	28	125	V

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

BANDEDGE (HIGH CHANNEL, CH 13)

HORIZONTAL RESULT

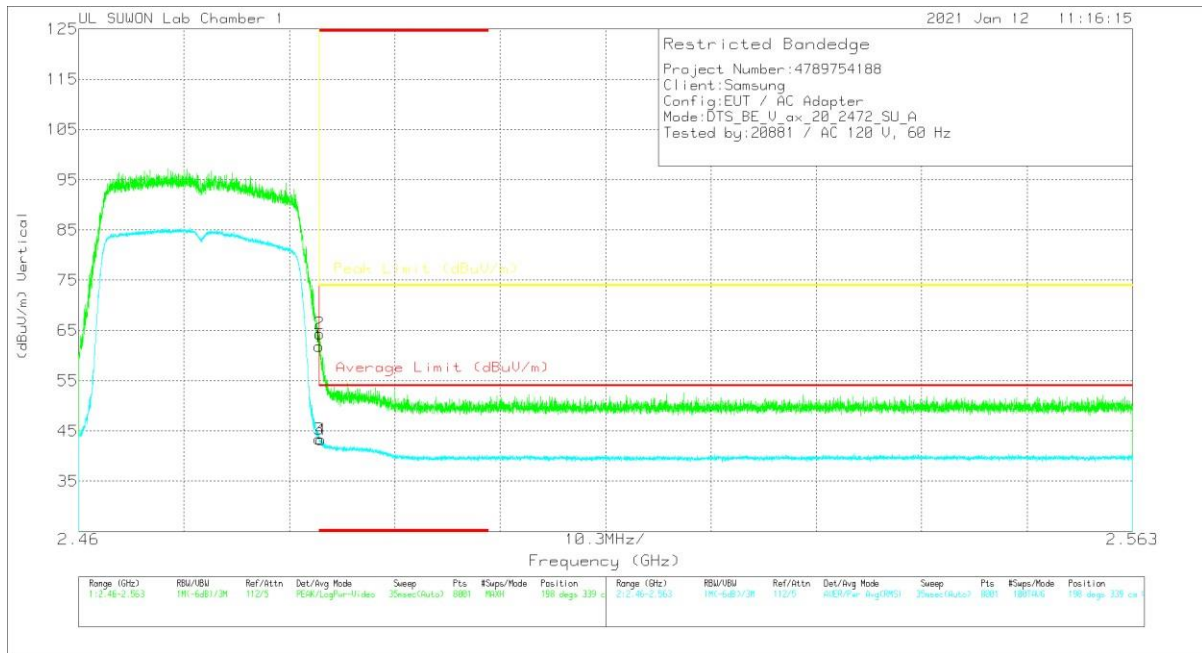


Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	3117_00168717	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	60.2	PK	32	-25.3	0	66.9	-	-	74	-7.1	126	258	H
2	* 2.48354	58.13	PK	32	-25.3	0	64.83	-	-	74	-8.17	126	258	H
3	* 2.48351	39.31	RMS	32	-25.3	.1	46.11	54	-7.89	-	-	126	258	H
4	* 2.48356	38.74	RMS	32	-25.3	.1	45.54	54	-8.46	-	-	126	258	H

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

VERTICAL RESULT



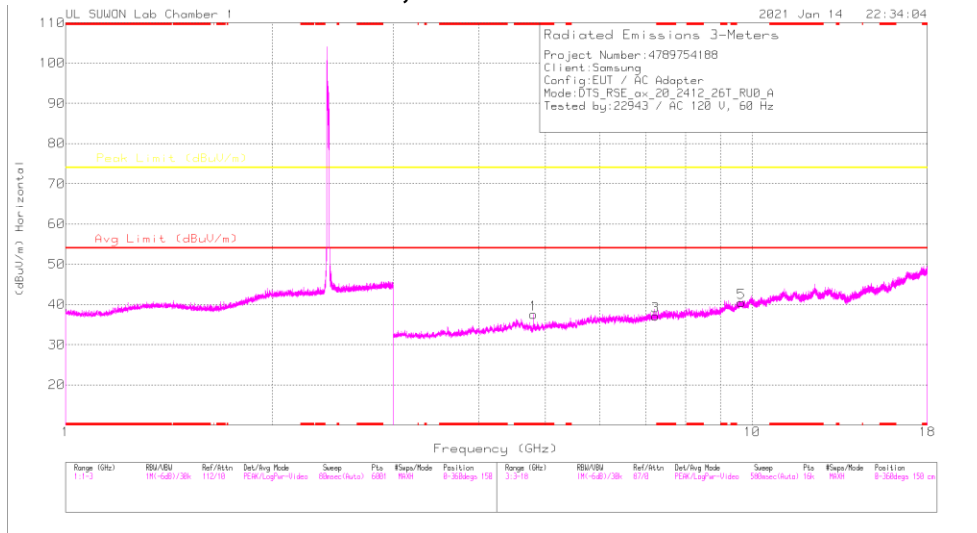
Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBuV/m)	Det	3117_00168717	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	35.18	PK	32	-25.3	0	64.36	-	-	74	-12.14	198	339	V
2	*2.48354	57.7	PK	32	-25.3	0	64.4	-	-	74	-3.6	198	339	V
3	*2.48351	36.64	RMS	32	-25.3	.1	43.44	54	-10.56	-	-	198	339	V
4	*2.48368	36.52	RMS	32	-25.3	.1	43.32	54	-10.68	-	-	198	339	V

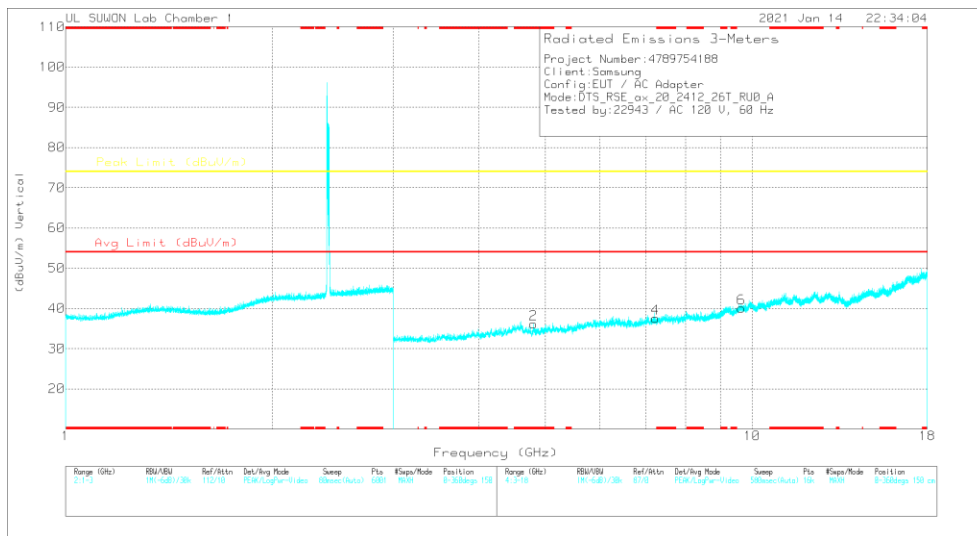
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band
 Pk - Peak detector
 RMS - RMS detection

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

HARMONICS AND SPURIOUS EMISSIONS
LOW CHANNEL, CH 1 / 26T / RU0 RESULTS



HORIZONTAL



VERTICAL

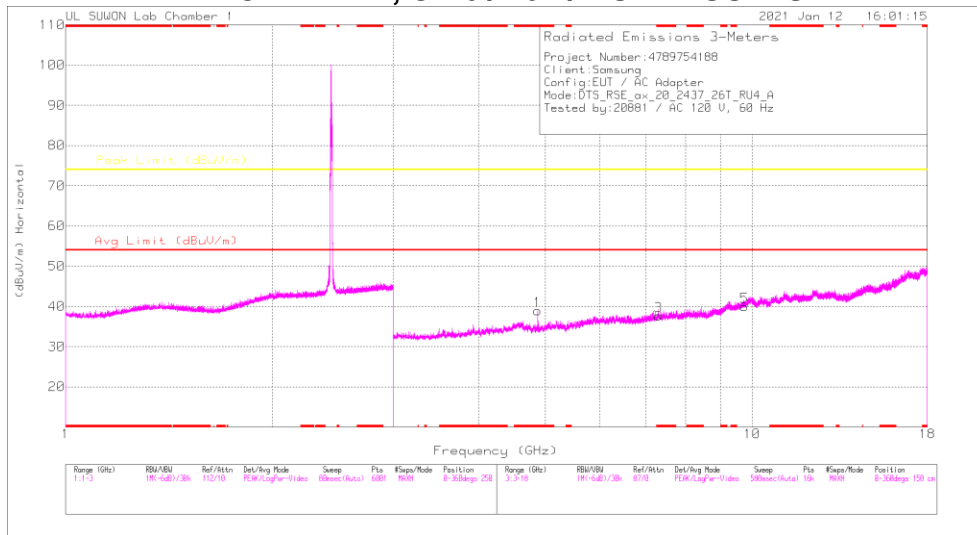
Note: Emission was scanned up to 26GHz; No emissions were detected above the noise floor which was at least 20dB below the specification limit.

Radiated Emissions

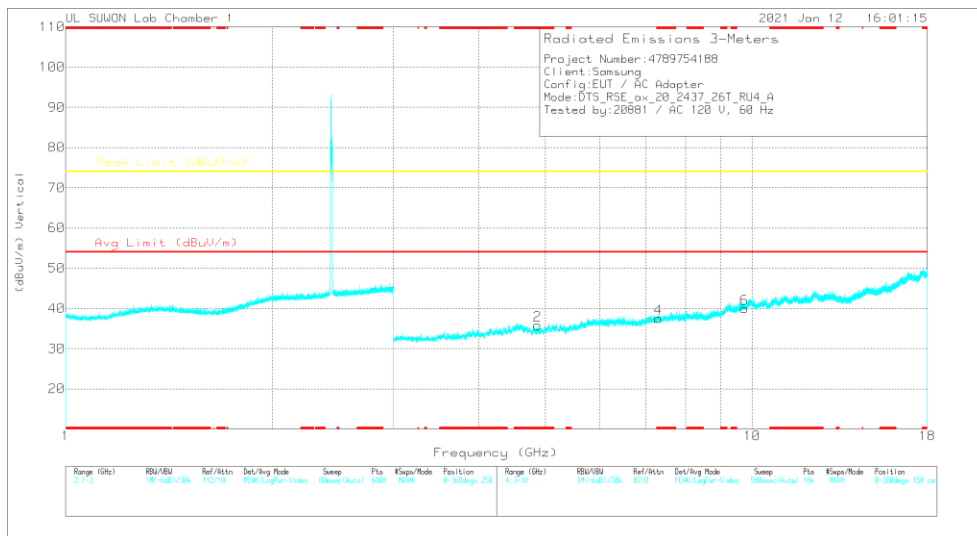
Frequency (GHz)	Meter Reading (dBuV)	Det	3117_0016871_7	3GHz_HP[dB]	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
* 4.80612	47.81	PK2	34.1	-31.4	0	50.51	-	-	74	-23.49	42	100	H
* 4.80692	35.11	MAV1	34.1	-31.4	0	37.81	54	-16.19	-	-	42	100	H
* 4.80724	47.64	PK2	34.1	-31.4	0	50.34	-	-	74	-23.66	278	102	V
* 4.80706	34.45	MAV1	34.1	-31.4	0	37.15	54	-16.85	-	-	278	102	V
7.23457	38.48	PK2	35.8	-27.5	0	46.78	-	-	74	-27.22	0	100	H
7.23579	38.58	PK2	35.8	-27.6	0	46.78	-	-	74	-27.22	0	100	V
9.64703	35.22	PK2	37.2	-23.1	0	49.32	-	-	74	-24.68	0	100	H
9.64933	35.5	PK2	37.2	-23.1	0	49.6	-	-	74	-24.4	0	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 / 26T / RU4 RESULTS



HORIZONTAL



VERTICAL

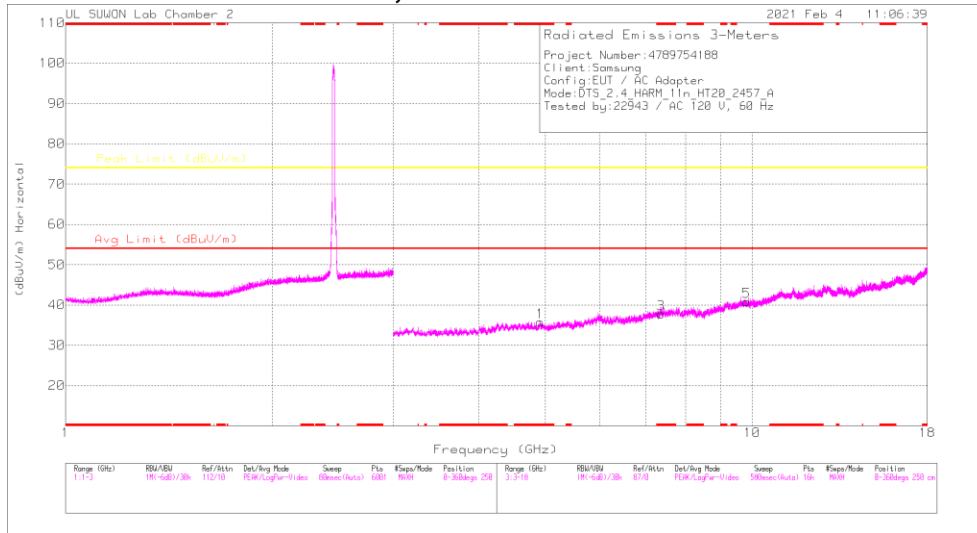
Note: Emission was scanned up to 26GHz; No emissions were detected above the noise floor which was at least 20dB below the specification limit.

Radiated Emissions

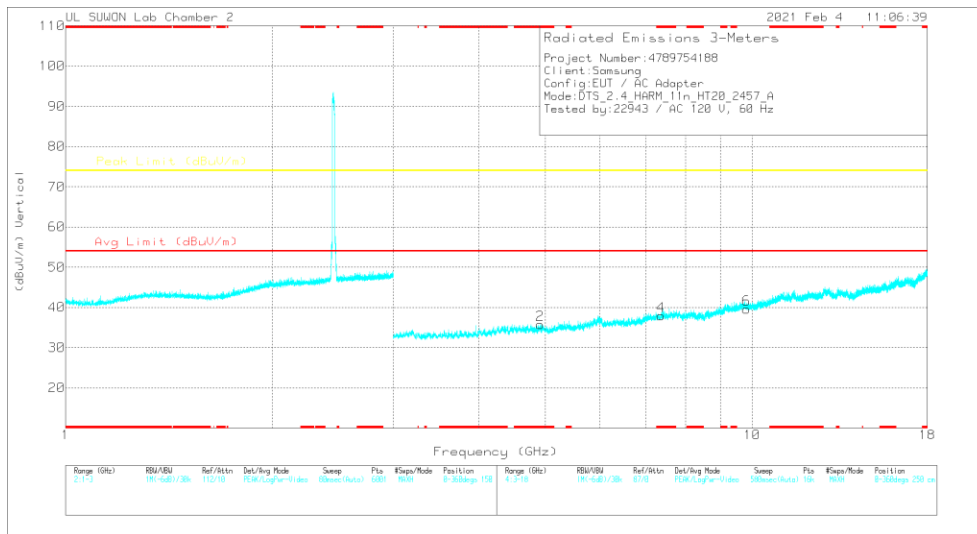
Frequency (GHz)	Meter Reading (dBuV)	Det	3117_0016871 7	3GHz_HP[dB]	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
* 4.87394	47.75	PK2	34.1	-31.3	0	50.55	-	-	74	-23.45	40	103	H
* 4.87396	34.56	MAV1	34.1	-31.3	0	37.36	54	-16.64	-	-	40	103	H
* 4.87246	45.19	PK2	34.1	-31.3	0	47.99	-	-	74	-26.01	131	100	V
* 4.87382	32.75	MAV1	34.1	-31.3	0	35.55	54	-18.45	-	-	131	100	V
* 7.31028	39.86	PK2	35.8	-27.4	0	48.26	-	-	74	-25.74	0	100	H
* 7.31164	40.42	PK2	35.8	-27.4	0	48.82	-	-	74	-25.18	0	100	V
9.74788	36.23	PK2	37.4	-23.7	0	49.93	-	-	74	-24.07	0	100	H
9.74677	36.06	PK2	37.4	-23.7	0	49.76	-	-	74	-24.24	0	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 10 / 26T / RU4 RESULTS



HORIZONTAL



VERTICAL

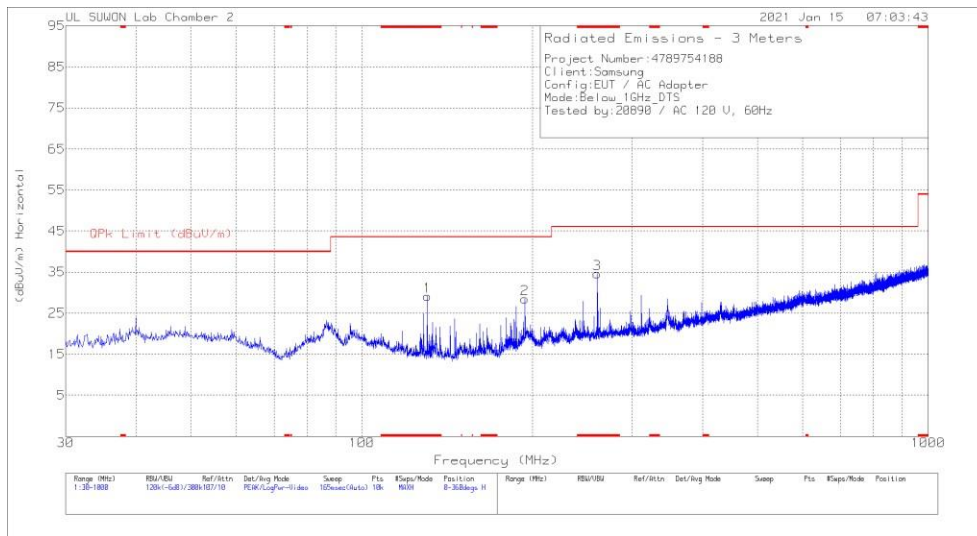
Note: Emission was scanned up to 26GHz; No emissions were detected above the noise floor which was at least 20dB below the specification limit.

Radiated Emissions

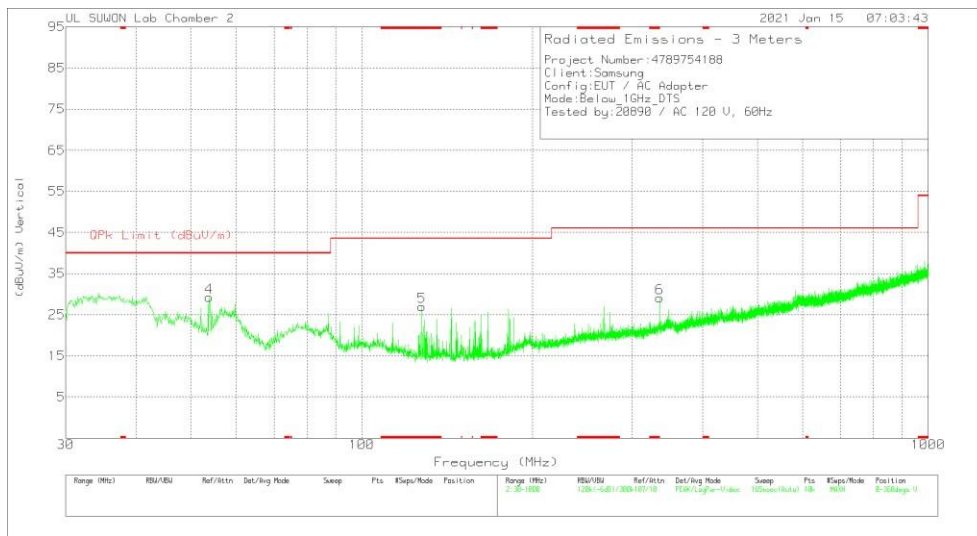
Frequency (GHz)	Meter Reading (dBuV)	Det	3117_00168724	3GHz_HP(dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
* 4.91179	38.53	PK2	34.1	-27.1	0	45.53	-	-	74	-28.47	360	100	H
* 4.911	37.53	PK2	34.1	-27.1	0	44.53	-	-	74	-29.47	360	100	V
* 7.37049	36.82	PK2	36.1	-24.1	0	48.82	-	-	74	-25.18	360	100	H
* 7.37261	35.92	PK2	36.1	-24.1	0	47.92	-	-	74	-26.08	360	100	V
9.81964	32.92	PK2	37.2	-21	0	49.12	-	-	74	-24.88	360	100	H
9.81932	32.71	PK2	37.2	-21	0	48.91	-	-	74	-25.09	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



HORIZONTAL



VERTICAL

Below 1GHz DATA

Trace Markers

Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	VULB9163_750	Below_1G[dB]	Corrected Reading (dBuV/m)	OPk Limit (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 130.492	44.09	Pk	14.3	-29.3	29.09	43.52	-14.43	0-360	100	H
2	193.93	39.83	Pk	17.2	-28.6	28.43	43.52	-15.09	0-360	200	H
3	* 260.472	43.95	Pk	18.5	-27.9	34.55	46.02	-11.47	0-360	100	H
4	53.765	40.13	Pk	19.5	-30.4	29.23	40	-10.77	0-360	100	V
5	* 127.582	41.82	Pk	14.5	-29.3	27.02	43.52	-16.5	0-360	100	V
6	335.744	36.19	Pk	20.3	-27.4	29.09	46.02	-16.93	0-360	100	V

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

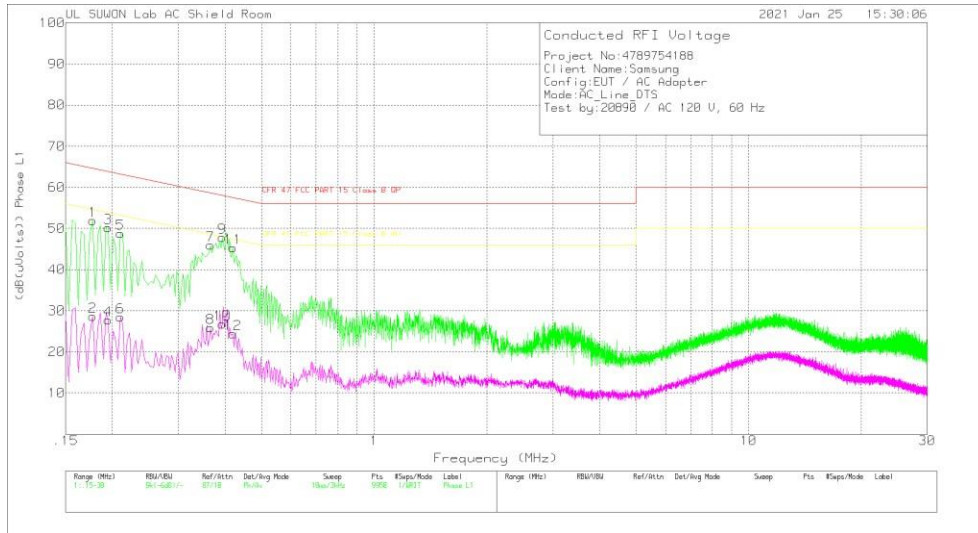
The receiver is set to a resolution bandwidth of 9 kHz. Peak detection is used unless otherwise noted as quasi-peak or average.

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

RESULTS

11.1.1. AC Power Line

LINE 1 RESULTS

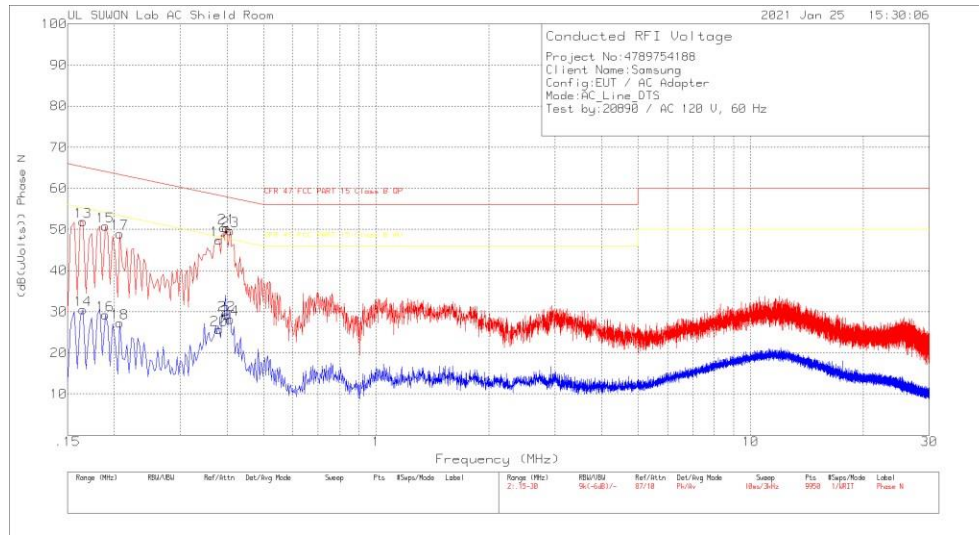


Range 1: Phase L1 .15 - 30MHz

Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	101836_Wit h 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	.177	41.77	Pk	10	.2	51.97	64.63	-12.66	-	-
2	.177	18.43	Av	10	.2	28.63	-	-	54.63	-26
3	.195	40.09	Pk	9.9	.2	50.19	63.82	-13.63	-	-
4	.195	17.64	Av	9.9	.2	27.74	-	-	53.82	-26.08
5	.21	38.7	Pk	9.9	.2	48.8	63.21	-14.41	-	-
6	.21	18.41	Av	9.9	.2	28.51	-	-	53.21	-24.7
7	.366	35.79	Pk	9.9	.2	45.89	58.59	-12.7	-	-
8	.366	15.76	Av	9.9	.2	25.86	-	-	48.59	-22.73
9	.393	37.71	Pk	9.9	.2	47.81	58	-10.19	-	-
10	.393	16.65	Av	9.9	.2	26.75	-	-	48	-21.25
11	.42	35.17	Pk	9.9	.2	45.27	57.45	-12.18	-	-
12	.42	14.31	Av	9.9	.2	24.41	-	-	47.45	-23.04

Pk - Peak detector
 Av - Average detection

LINE 2 RESULTS



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	.165	41.88	Pk	10	.1	51.98	65.21	-13.23	-	-
14	.165	20.42	Av	10	.1	30.52	-	-	55.21	-24.69
15	.189	40.61	Pk	10	.2	50.81	64.08	-13.27	-	-
16	.189	19.02	Av	10	.2	29.22	-	-	54.08	-24.86
17	.207	38.9	Pk	9.9	.2	49	63.32	-14.32	-	-
18	.207	17.1	Av	9.9	.2	27.2	-	-	53.32	-26.12
19	.381	37.32	Pk	9.9	.2	47.42	58.26	-10.84	-	-
20	.381	15.54	Av	9.9	.2	25.64	-	-	48.26	-22.62
21	.399	40.27	Pk	9.9	.2	50.37	57.87	-7.5	-	-
22	.399	19.09	Av	9.9	.2	29.19	-	-	47.87	-18.68
23	.408	39.56	Pk	9.9	.2	49.66	57.69	-8.03	-	-
24	.408	18.08	Av	9.9	.2	28.18	-	-	47.69	-19.51

Pk - Peak detector

Av - Average detection

Quasi-Peak Emissions

Range 2: Phase N .15 - 30MHz

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)
.39975	35.91	Qp	9.9	.2	46.01	57.86	-11.85	-	-
.40875	34.37	Qp	9.9	.2	44.47	57.67	-13.2	-	-

Qp - Quasi-Peak detector

END OF TEST REPORT