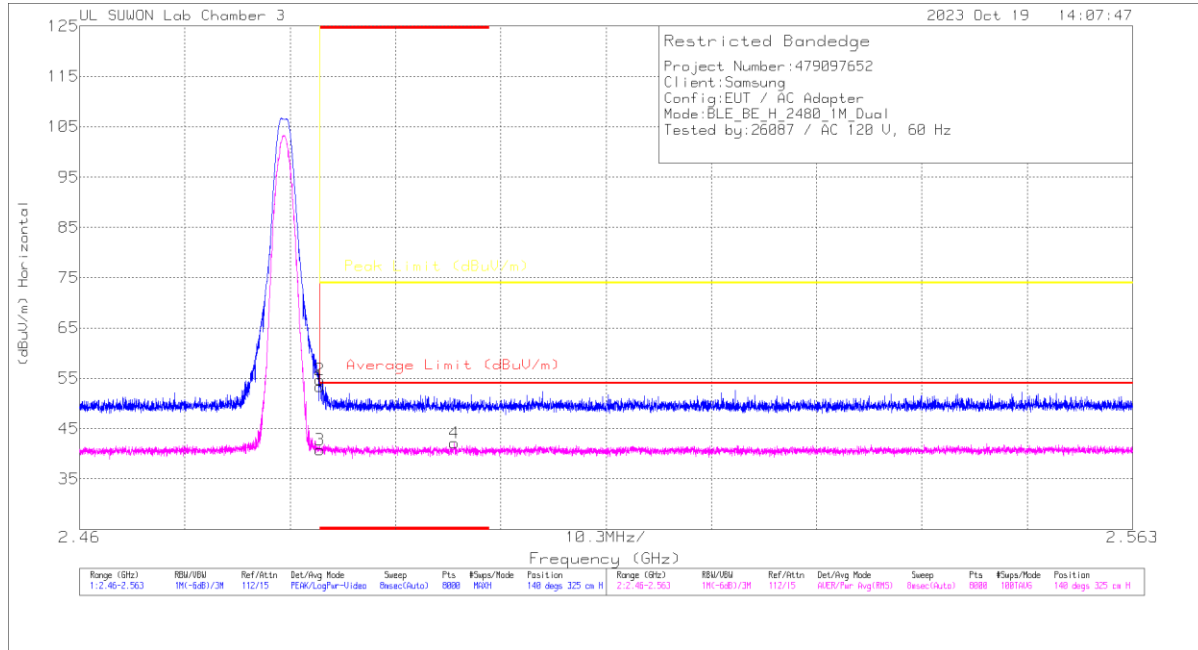


BANDEDGE (39 CHANNEL)

HORIZONTAL RESULT



Trace Markers

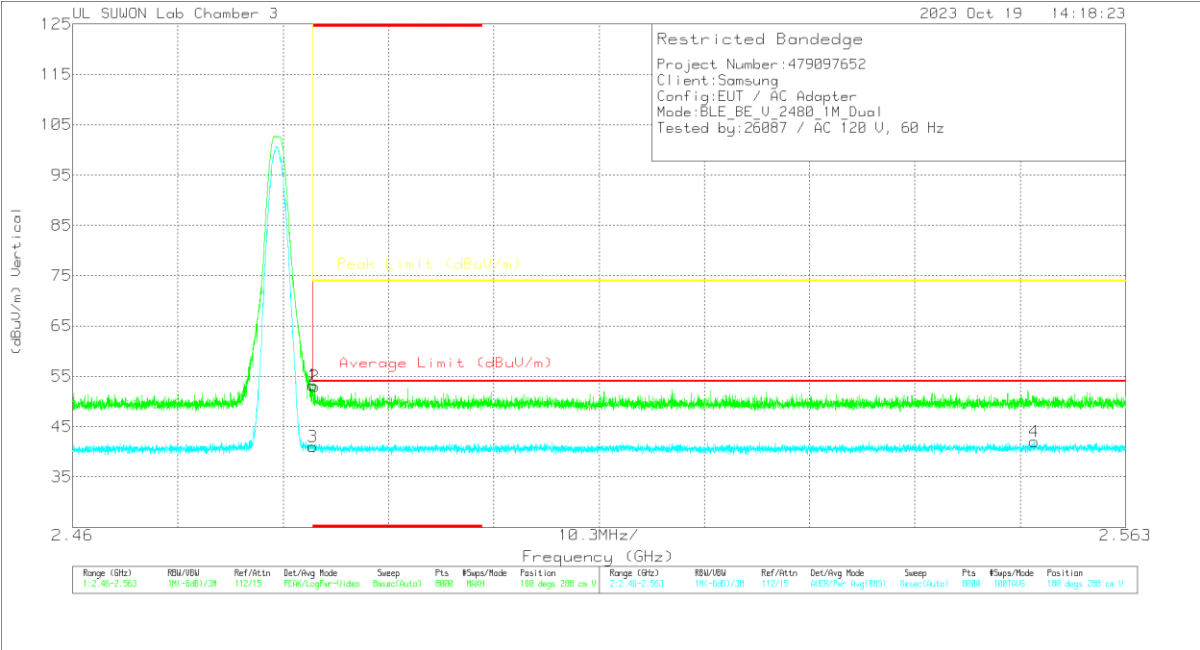
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	Antenna Correction Factor(dB(dBm))	Path Loss(dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Pk Margin (dB)	Acimuth (Degs)	Height (cm)	Polarity
1	* 2.4835	45.76	PK	32.4	-24.8	0	53.36	-	-	74	-20.64	140	325	H
2	* 2.48351	47.15	PK	32.4	-24.8	0	54.75	-	-	74	-19.25	140	325	H
3	* 2.4835	32.04	RMS	32.4	-24.8	2.9	42.54	54	-11.46	-	-	140	325	H
4	* 2.49667	33.38	RMS	32.4	-24.8	2.9	43.88	54	-10.12	-	-	140	325	H

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

PK - Peak detector

RMS - RMS detection

VERTICAL RESULT



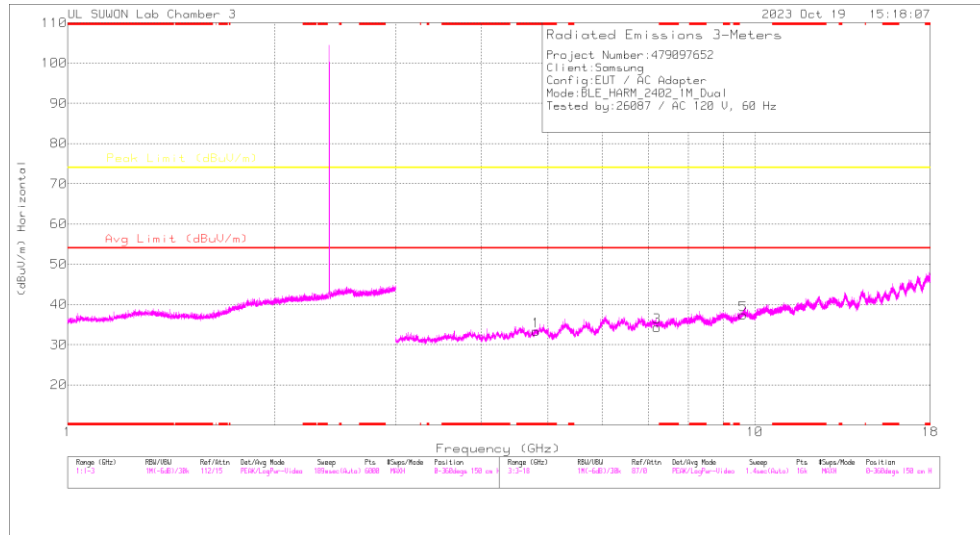
Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	Antenna Correction Factor(dB(dsm))	Path Loss(dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (m)	Polarity
1	* 2.4835	45.7	Pk	32.4	-24.8	0	53.3	-	-	74	-20.7	180	288	V
2	* 2.48371	45.45	Pk	32.4	-24.8	0	53.05	-	-	74	-20.95	180	288	V
3	* 2.4835	32.33	RMS	32.4	-24.8	2.9	42.83	54	-11.17	-	-	180	288	V
4	2.55404	33.11	RMS	32.4	-24.6	2.9	43.81	54	-10.19	-	-	180	288	V

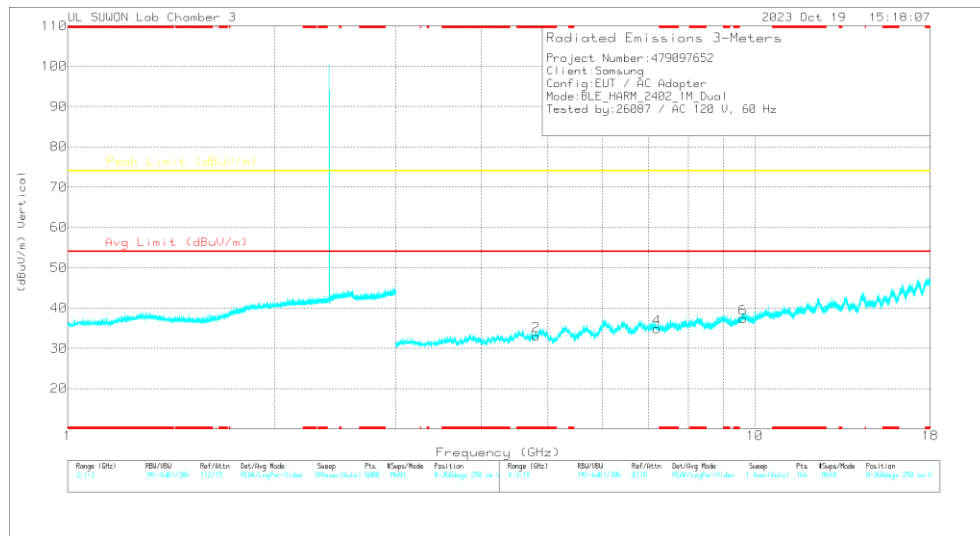
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band
Pk - Peak detector
RMS - RMS detection

HARMONICS AND SPURIOUS EMISSIONS

0 CHANNEL RESULTS



HORIZONTAL



VERTICAL

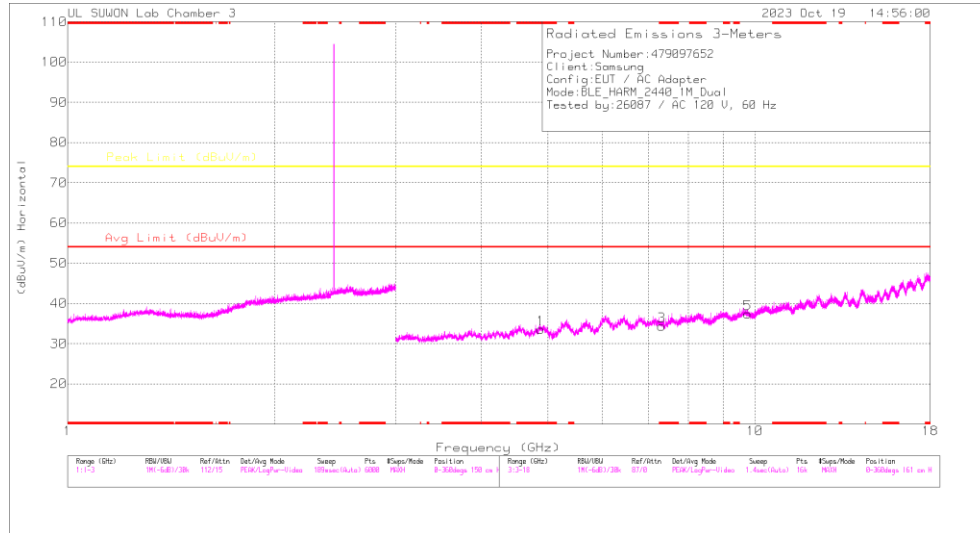
Note: Emission was scanned up to 26GHz; No emissions were detected above the noise floor which was at least 20dB below the specification limit.

Radiated Emissions

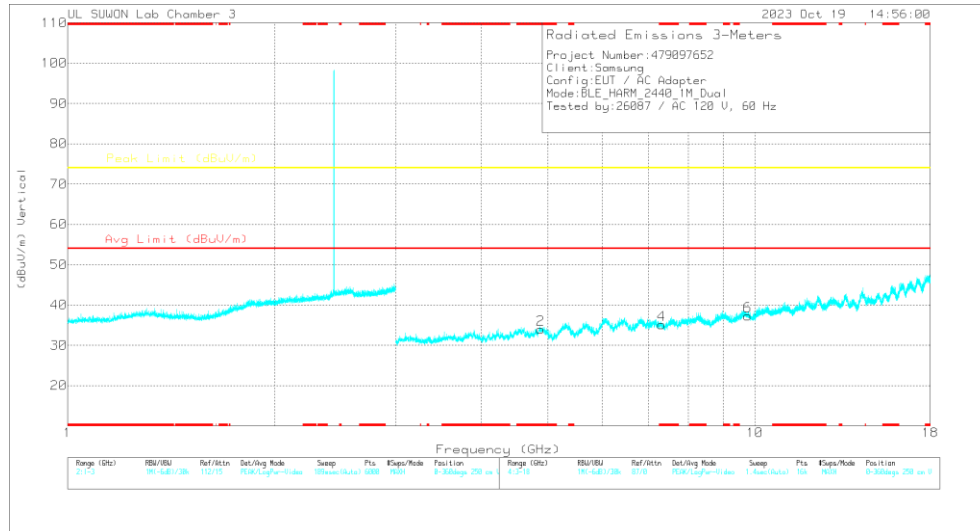
Frequency (GHz)	Meter Reading (dBuV)	Det	Antenna Correction Factor(dB(1/m))	Path Loss(dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
* 4.80504	40.43	PK2	34.3	-30.1	0	44.63	-	-	74	-29.37	0	100	H
* 4.80485	39.15	PK2	34.3	-30.1	0	43.35	-	-	74	-30.65	0	100	V
7.20669	35.29	PK2	35.8	-25.9	0	45.19	-	-	74	-28.81	0	100	H
7.20672	35.11	PK2	35.8	-25.9	0	45.01	-	-	74	-28.99	0	100	V
9.60884	32.79	PK2	36.7	-21.7	0	47.79	-	-	74	-26.21	0	100	H
9.60882	32.87	PK2	36.7	-21.7	0	47.87	-	-	74	-26.13	0	100	V

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

19 CHANNEL RESULTS



HORIZONTAL



VERTICAL

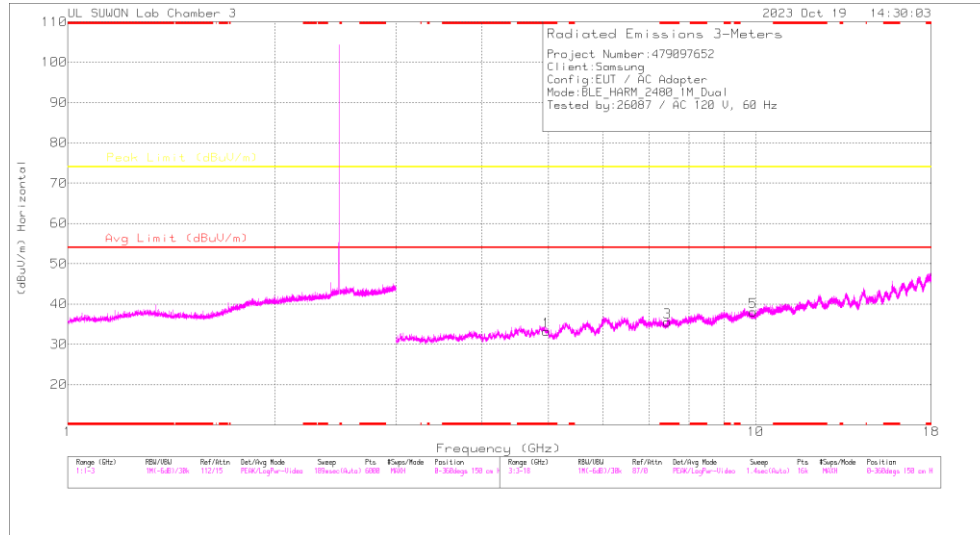
Note: Emission was scanned up to 26GHz; No emissions were detected above the noise floor which was at least 20dB below the specification limit.

Radiated Emissions

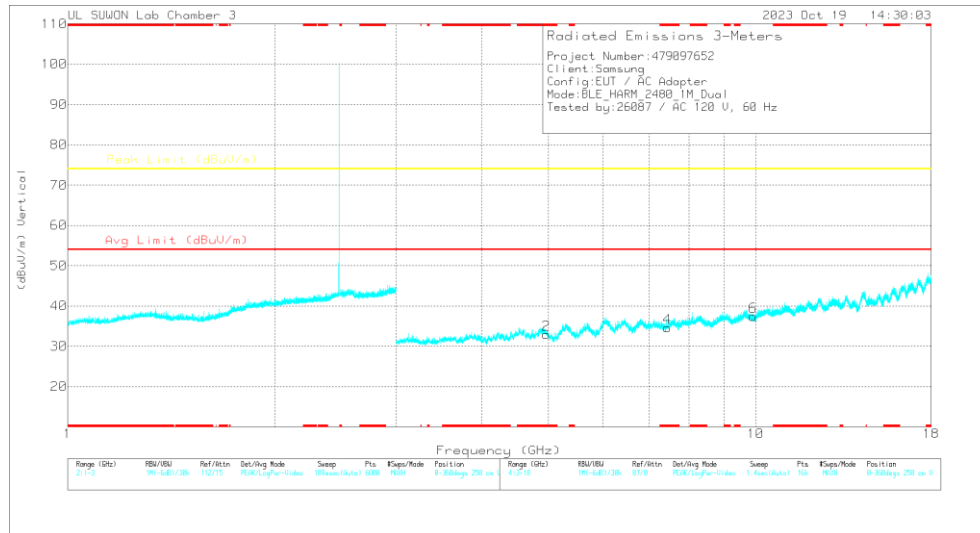
Frequency (GHz)	Meter Reading (dBuV)	Det	Antenna Correction Factor (dB [1m])	Path Loss (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
* 4.88083	39.49	PK2	34.2	-29.9	0	43.79	-	-	74	-30.21	0	100	H
* 4.88059	39.33	PK2	34.2	-29.9	0	43.63	-	-	74	-30.37	0	100	V
* 7.32031	35.06	PK2	35.8	-25.5	0	45.36	-	-	74	-28.64	0	100	H
* 7.32009	35.28	PK2	35.8	-25.5	0	45.58	-	-	74	-28.42	0	100	V
9.76093	32.5	PK2	36.9	-21.5	0	47.9	-	-	74	-26.1	0	100	H
9.76073	32.73	PK2	36.9	-21.5	0	48.13	-	-	74	-25.87	0	100	V

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

39 CHANNEL 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

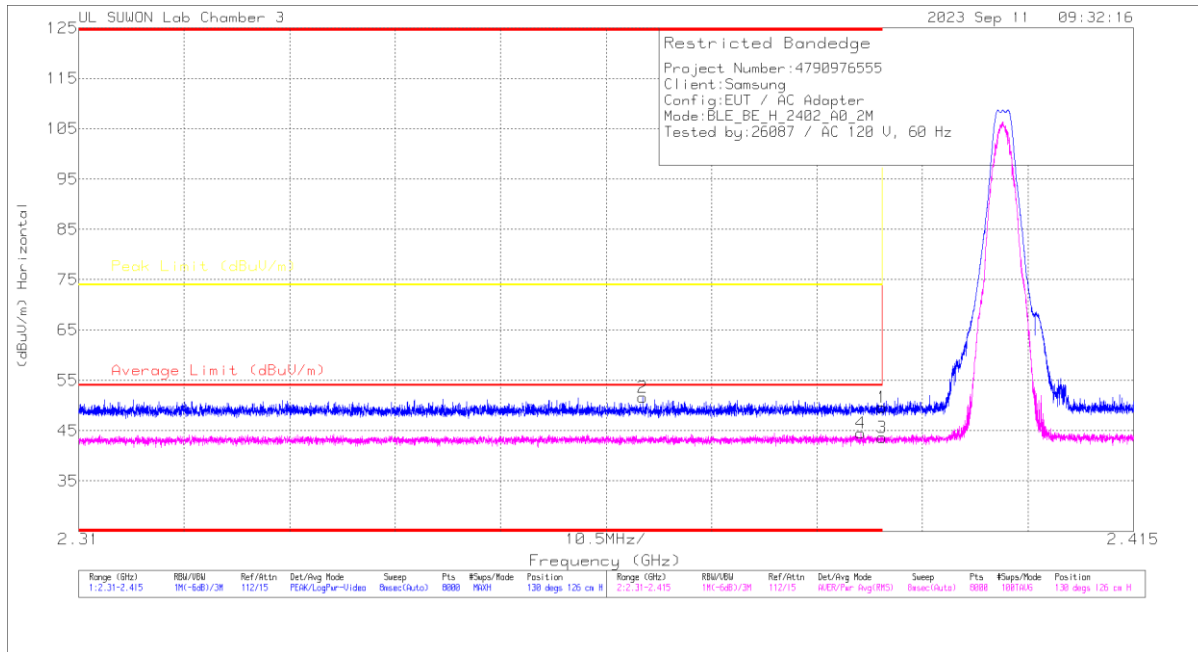
Frequency (GHz)	Meter Reading (dBuV)	Det	Antenna Correction Factor (dB [m])	Path Loss (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
* 4.96067	39.61	PK2	34.3	-30	0	43.91	-	-	74	-30.09	0	100	H
* 4.96039	39.16	PK2	34.3	-30	0	43.46	-	-	74	-30.54	0	100	V
* 7.44016	34.81	PK2	35.7	-25.2	0	45.31	-	-	74	-28.69	0	100	H
* 7.4403	35.03	PK2	35.7	-25.2	0	45.53	-	-	74	-28.47	0	100	V
9.92004	31.36	PK2	37.1	-21.4	0	47.06	-	-	74	-26.94	0	100	H
9.92024	31.42	PK2	37.1	-21.4	0	47.12	-	-	74	-26.88	0	100	V

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

10.2.4. 2 Mbps ANT1

BANDEDGE (0 CHANNEL)

HORIZONTAL RESULT



Trace Markers

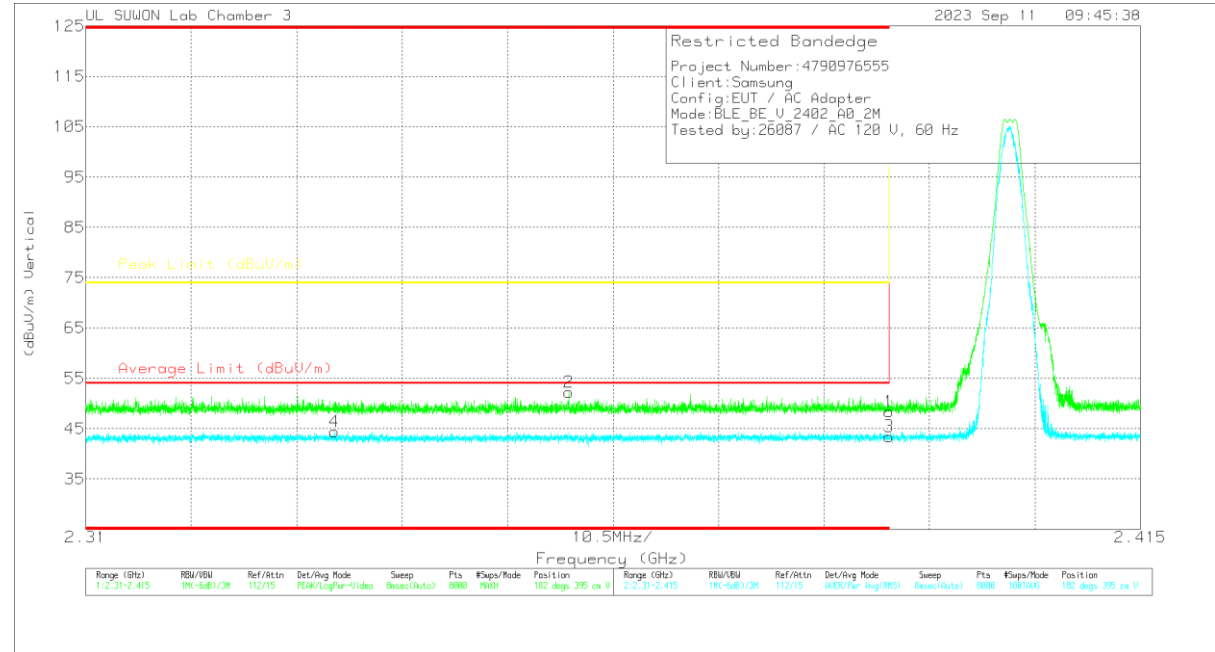
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	Antenna Correction Factor (dB/1m)	Path Loss (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Altitude (m)	Height (cm)	Polarity
1	* 2.39	42.36	PK	32.1	-24.8	0	49.66	-	-	74	-24.34	130	126	H
2	* 2.36913	44.58	PK	32	-24.9	0	51.68	-	-	74	-22.32	130	126	H
3	* 2.39	32.13	RMS	32.1	-24.8	4.18	43.61	54	-10.39	-	-	130	126	H
4	* 2.38787	33.08	RMS	32.1	-24.8	4.18	44.56	54	-9.44	-	-	130	126	H

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

PK - Peak detector

RMS - RMS detection

VERTICAL RESULT



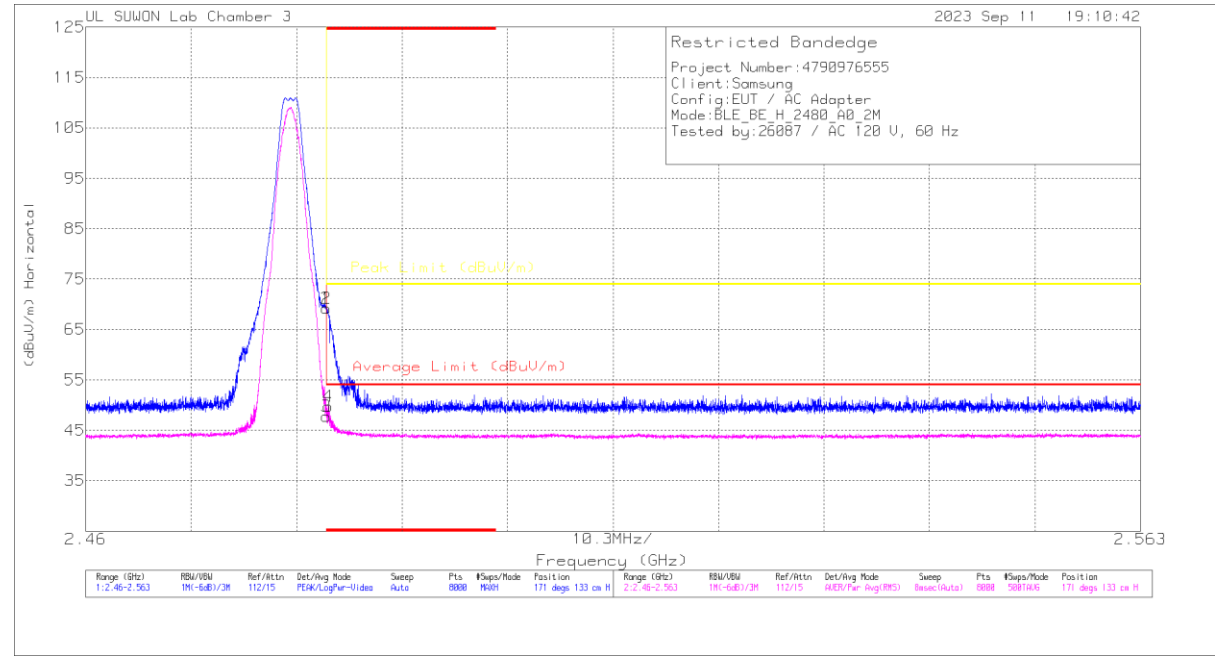
Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	Antenna Correction Factor (dB/1m)	Path Loss (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	* 2.39	41.11	Pk	32.1	-24.8	0	48.11	-	-	74	-25.59	182	395	V
2	* 2.35807	45.03	Pk	32	-24.8	0	52.23	-	-	74	-21.77	182	395	V
3	* 2.39	31.98	RMS	32.1	-24.8	4.18	43.46	54	-10.54	-	-	182	395	V
4	* 2.33478	33.17	RMS	31.9	-24.8	4.18	44.45	54	-9.55	-	-	182	395	V

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

BANDEDGE (39 CHANNEL)

HORIZONTAL RESULT

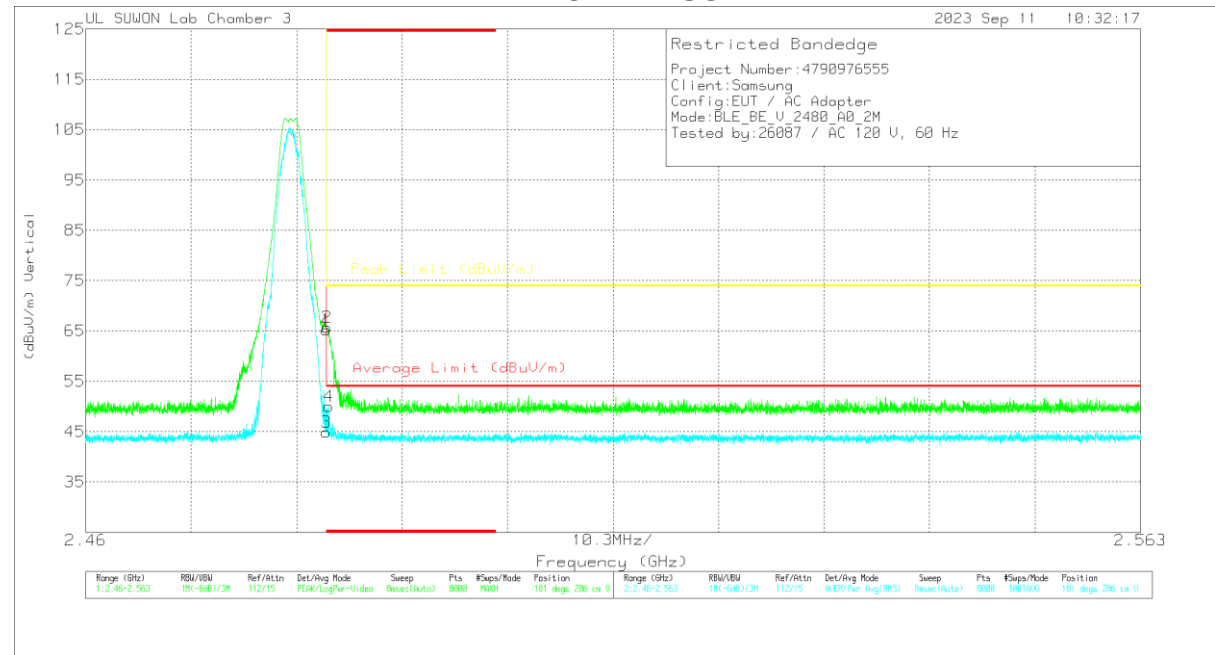


Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	Antenna Correction Factor (dB[1m])	Path Loss (dB)	DC Cor (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Acimuth (Degs)	Height (cm)	Polarity
1	* 2.4835	61.61	PK	32.4	-24.8	0	69.21	-	-	74	-4.79	171	133	H
2	* 2.48351	61.64	PK	32.4	-24.8	0	69.24	-	-	74	-4.76	171	133	H
3	* 2.4835	35.96	RMS	32.4	-24.8	4.18	47.74	54	-6.26	-	-	171	133	H
4	* 2.48369	37.97	RMS	32.4	-24.8	4.18	49.75	54	-4.25	-	-	171	133	H

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

VERTICAL RESULT



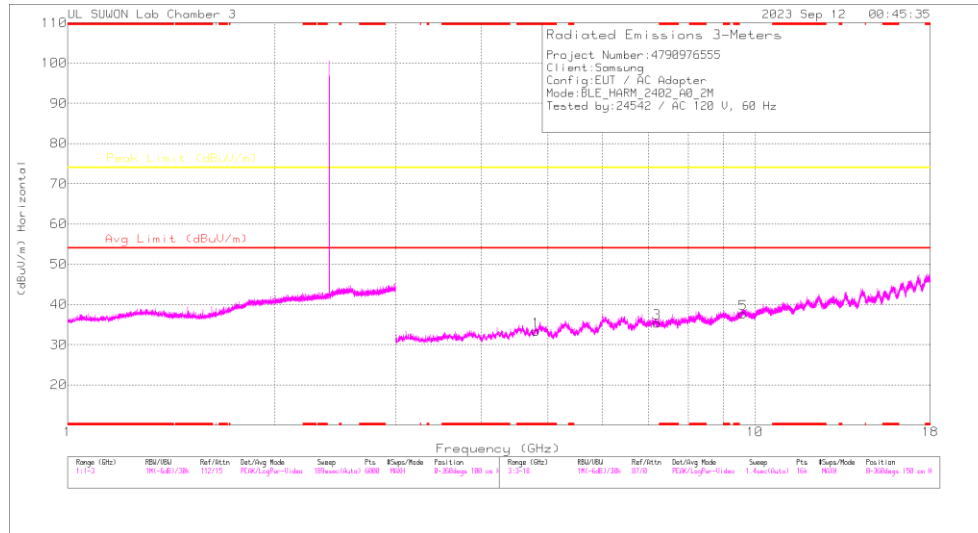
Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	Antenna Correction Factor(dB(dnm))	Path Loss(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	* 2.4835	57.59	Pk	32.4	-24.8	0	65.19	-	-	74	-8.81	181	286	V
2	* 2.48354	58.16	Pk	32.4	-24.8	0	65.76	-	-	74	-8.24	181	286	V
3	* 2.4835	33.12	RMS	32.4	-24.8	4.18	44.9	54	-9.1	-	-	181	286	V
4	* 2.48372	38.23	RMS	32.4	-24.8	4.18	50.01	54	-3.99	-	-	181	286	V

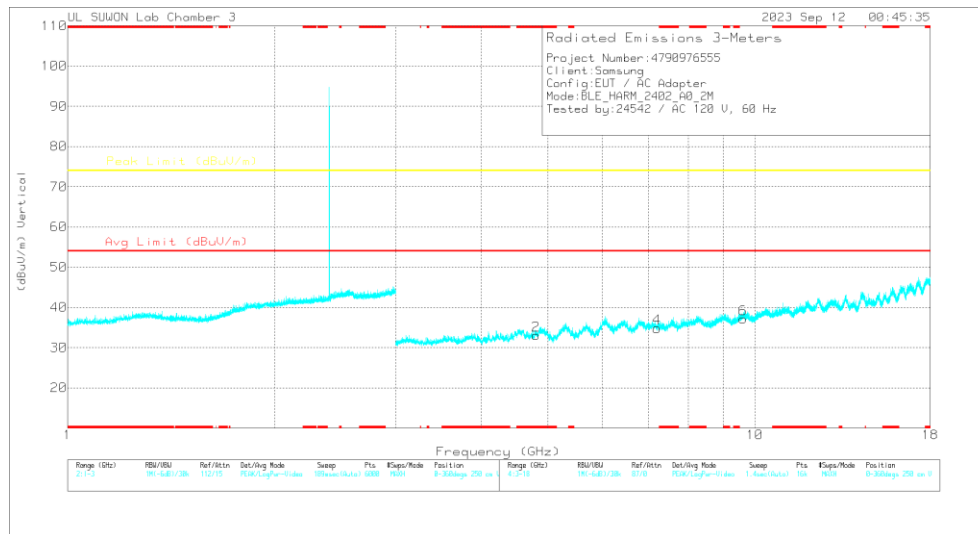
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band
Pk - Peak detector
RMS - RMS detection

HARMONICS AND SPURIOUS EMISSIONS

0 CHANNEL RESULTS



HORIZONTAL



VERTICAL

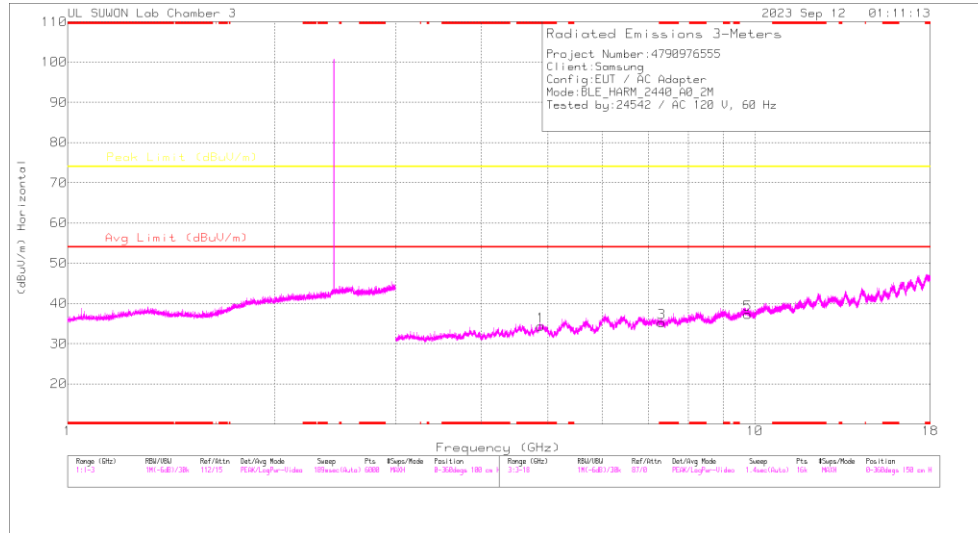
Note: Emission was scanned up to 26GHz; No emissions were detected above the noise floor which was at least 20dB below the specification limit.

Radiated Emissions

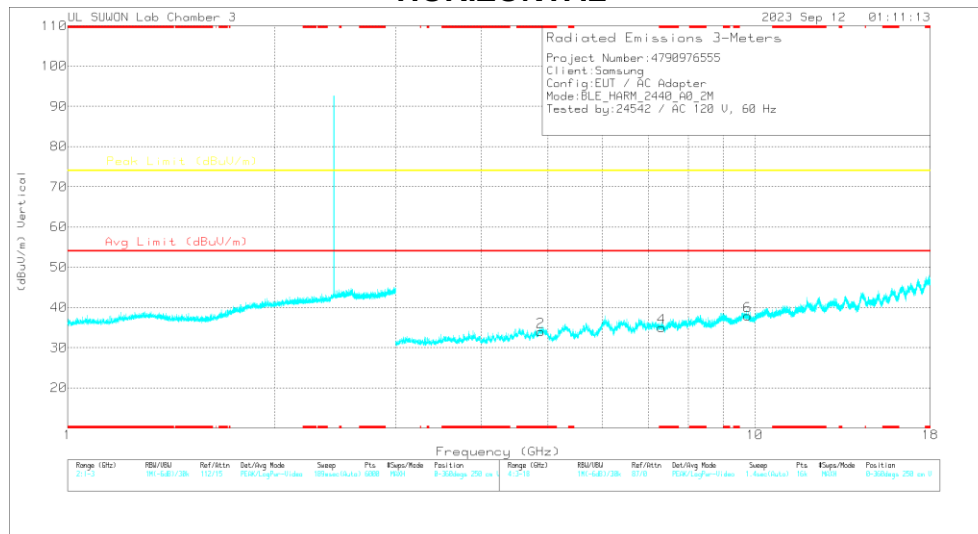
Frequency (GHz)	Meter Reading (dBuV)	Det	Antenna Correction Factor[dB(1/m)]	Path Loss(dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
* 4.8091	40.2	PK2	34.3	-30.1	0	44.4	-	-	74	-29.6	0	100	H
* 4.7999	39.69	PK2	34.3	-30.1	0	43.89	-	-	74	-30.11	0	100	V
7.20522	35.25	PK2	35.8	-25.9	0	45.15	-	-	74	-28.85	0	100	H
7.20363	35.93	PK2	35.8	-25.8	0	45.93	-	-	74	-28.07	0	100	V
9.60667	32.87	PK2	36.7	-21.8	0	47.77	-	-	74	-26.23	0	100	H
9.60948	33.09	PK2	36.7	-21.7	0	48.09	-	-	74	-25.91	0	100	V

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

19 CHANNEL RESULTS



HORIZONTAL



VERTICAL

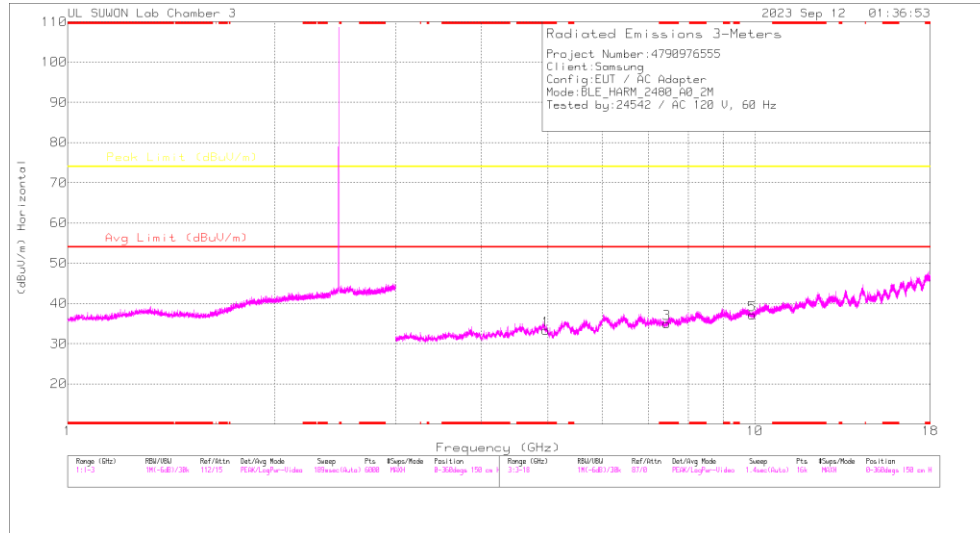
Note: Emission was scanned up to 26GHz; No emissions were detected above the noise floor which was at least 20dB below the specification limit.

Radiated Emissions

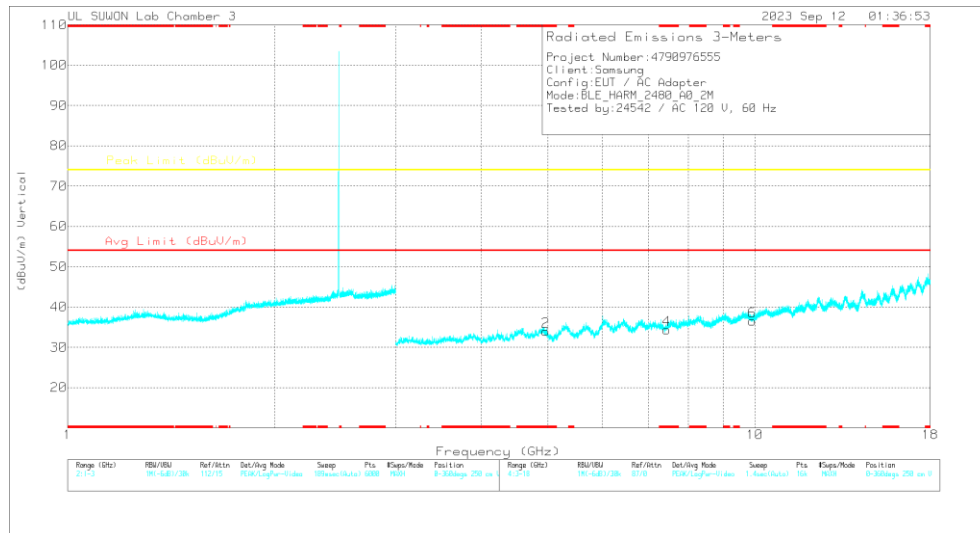
Frequency (GHz)	Meter Reading (dBuV)	Det	Antenna Correction Factor (dB/m)	Path Loss (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
* 4.88466	40.16	PK2	34.2	-29.9	0	44.46	-	-	74	-29.54	0	100	H
* 4.88493	39.96	PK2	34.2	-29.9	0	44.26	-	-	74	-29.74	0	100	V
* 7.32208	34.91	PK2	35.8	-25.5	0	45.21	-	-	74	-28.79	0	100	H
* 7.32023	34.96	PK2	35.8	-25.5	0	45.26	-	-	74	-28.74	0	100	V
9.76549	32.13	PK2	36.9	-21.5	0	47.53	-	-	74	-26.47	0	100	H
9.76359	32.19	PK2	36.9	-21.5	0	47.59	-	-	74	-26.41	0	100	V

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

39 CHANNEL 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

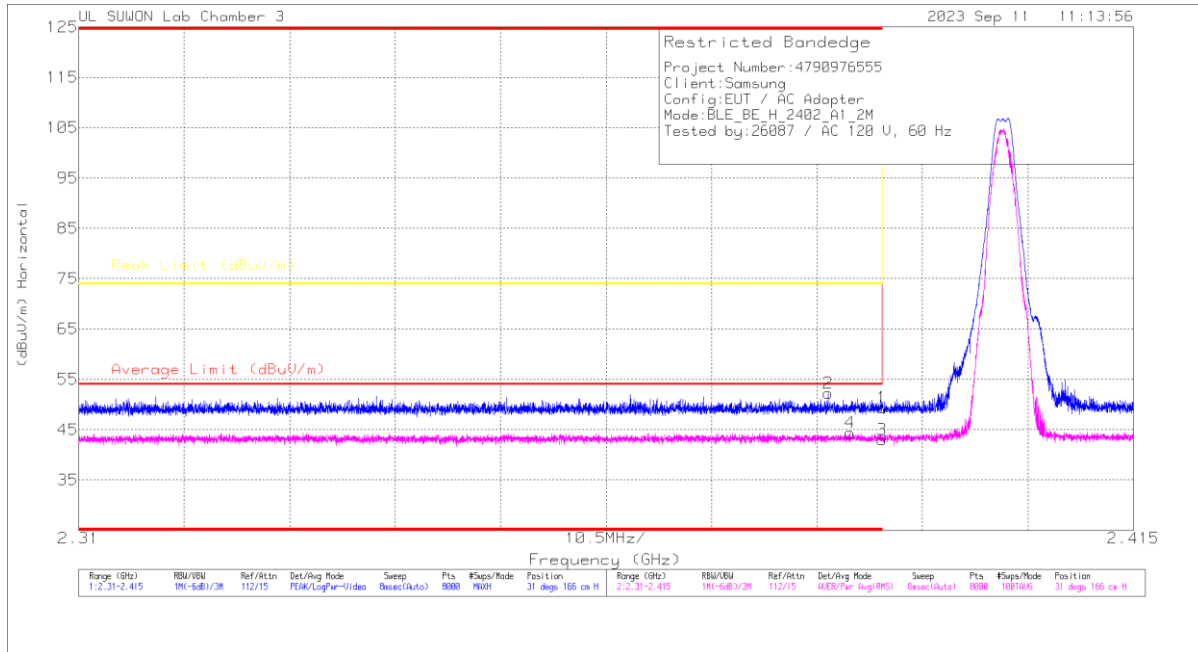
Frequency (GHz)	Meter Reading (dBuV)	Det	Antenna Correction Factor (dB [1m])	Path Loss (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
* 4.9606	39.64	PK2	34.3	-30.1	0	43.94	-	-	74	-30.06	0	100	H
* 4.96306	39.97	PK2	34.3	-30.1	0	44.17	-	-	74	-29.83	0	100	V
* 7.44058	34.9	PK2	35.7	-25.2	0	45.4	-	-	74	-28.6	0	100	H
* 7.44192	35.09	PK2	35.7	-25.2	0	45.59	-	-	74	-28.41	0	100	V
9.91814	31.42	PK2	37.1	-21.3	0	47.22	-	-	74	-26.78	0	100	H
9.91881	31.38	PK2	37.1	-21.3	0	47.18	-	-	74	-26.82	0	100	V

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

10.2.5. 2 Mbps ANT2

BANDEDGE (0 CHANNEL)

HORIZONTAL RESULT



Trace Markers

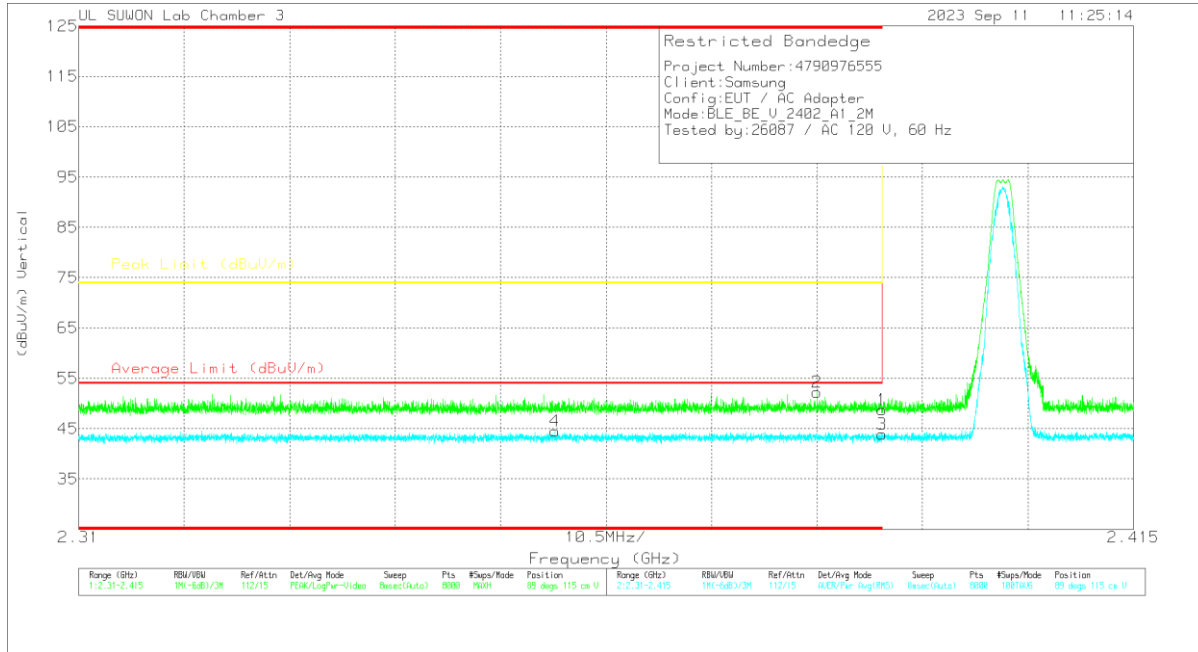
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	Antenna Correction Factor (dB/1m)	Path Loss (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.39	42.08	Pk	32.1	-24.8	0	49.38	-	-	74	-24.62	31	166	H
2	* 2.38463	45.07	Pk	32.1	-24.9	0	52.27	-	-	74	-21.73	31	166	H
3	* 2.39	31.53	RMS	32.1	-24.8	4.18	43.01	54	-10.99	-	-	31	166	H
4	* 2.38677	32.86	RMS	32.1	-24.8	4.18	44.34	54	-9.66	-	-	31	166	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	Antenna Correction Factor (dB/1m)	Path Loss (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	* 2.39	41.44	Pk	32.1	-24.8	0	48.74	-	-	74	-25.26	89	115	V
2	* 2.38948	45.05	Pk	32.1	-24.9	0	52.25	-	-	74	-21.75	89	115	V
3	* 2.39	32.41	RMS	32.1	-24.8	4.18	43.89	54	-10.11	-	-	89	115	V
4	* 2.3574	33.14	RMS	32	-24.8	4.18	44.52	54	-9.48	-	-	89	115	V

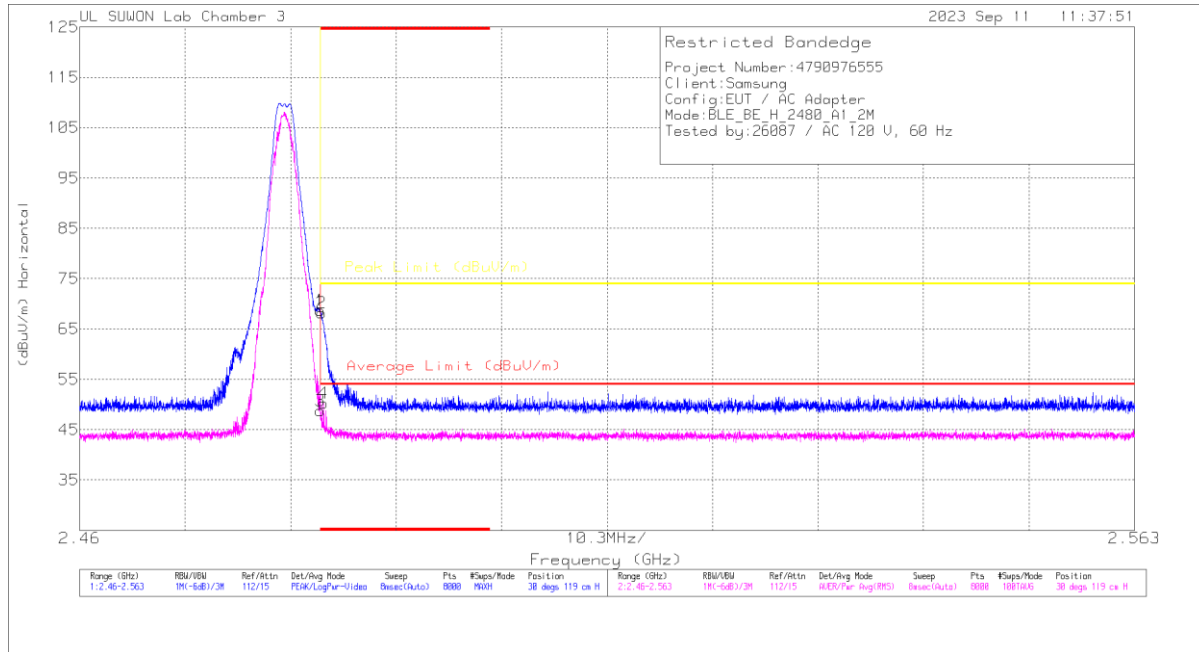
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

Pk - Peak detector

RMS - RMS detection

BANDEDGE (39 CHANNEL)

HORIZONTAL RESULT



Trace Markers

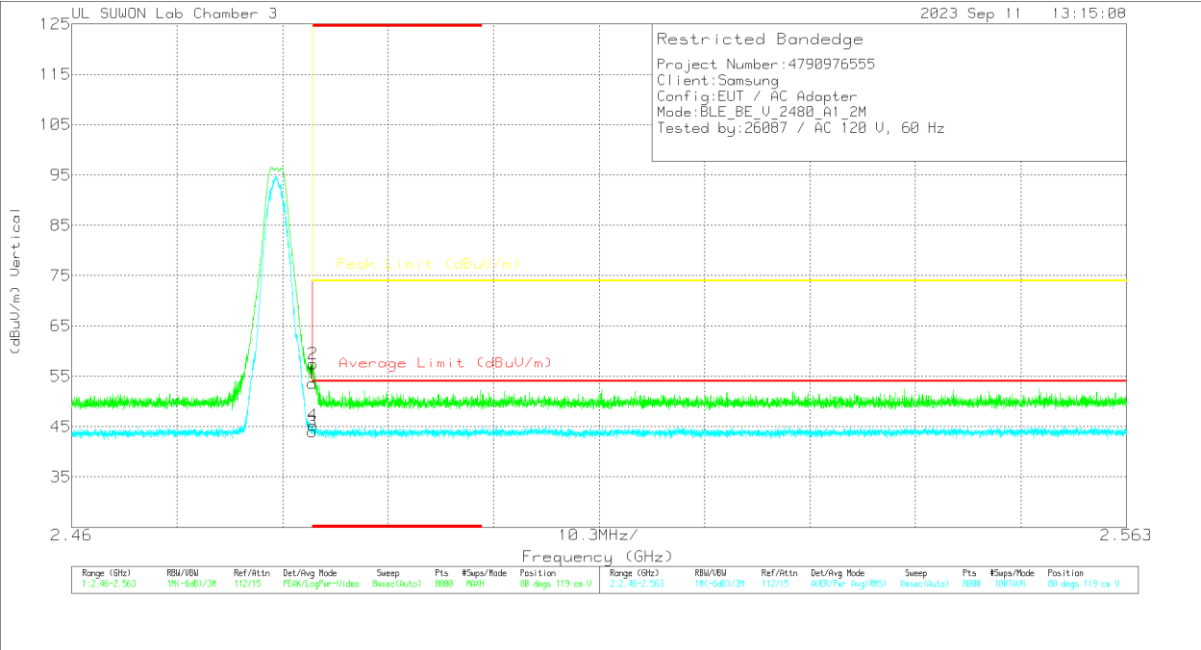
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	Antenna Correction Factor (dB(1m))	Path Loss (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.4835	61.05	PK	32.4	-24.8	0	68.65	-	-	74	-5.35	30	119	H
2	* 2.48362	60.6	PK	32.4	-24.8	0	68.2	-	-	74	-5.8	30	119	H
3	* 2.4835	36.93	RMS	32.4	-24.8	4.18	49.71	54	-5.29	-	-	30	119	H
4	* 2.48381	38.44	RMS	32.4	-24.8	4.18	50.22	54	-3.78	-	-	30	119	H

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

PK - Peak detector

RMS - RMS detection

VERTICAL RESULT



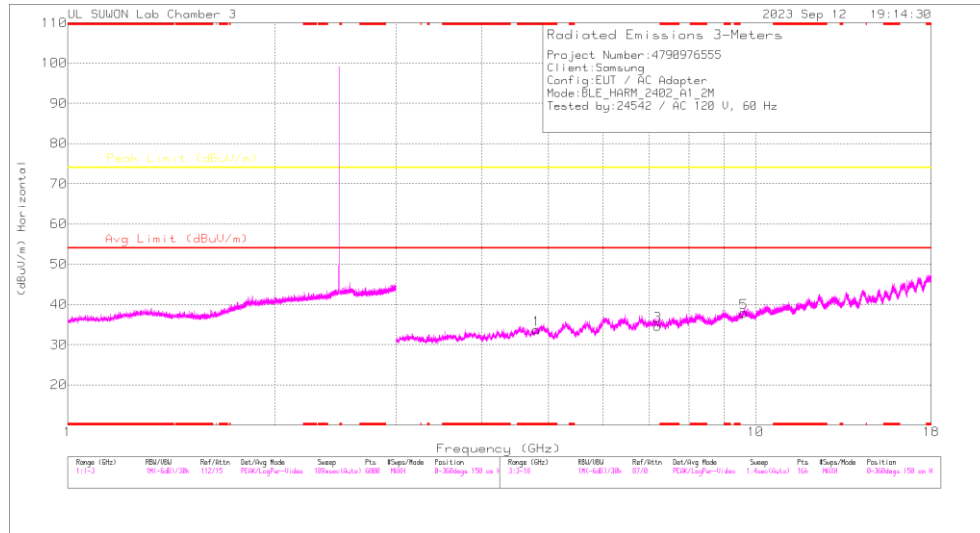
Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	Antenna Correction Factor (dB/1m)	Path Loss (dB)	DC Cor (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Altitude (m)	Height (m)	Polarity
1	* 2.4835	46.08	PK	32.4	-24.8	0	53.68	-	-	74	-20.32	80	119	V
2	* 2.48356	49.85	PK	32.4	-24.8	0	57.45	-	-	74	-16.55	80	119	V
3	* 2.4835	32.23	RMS	32.4	-24.8	4.18	44.01	54	-9.99	-	-	80	119	V
4	* 2.48356	33.51	RMS	32.4	-24.8	4.18	45.29	54	-8.71	-	-	80	119	V

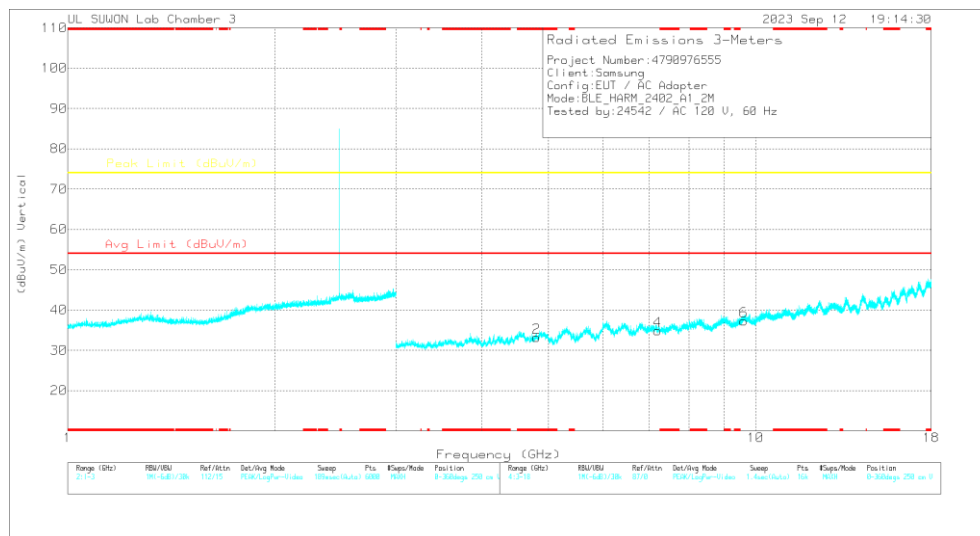
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band
Pk - Peak detector
RMS - RMS detection

HARMONICS AND SPURIOUS EMISSIONS

0 CHANNEL RESULTS



HORIZONTAL



VERTICAL

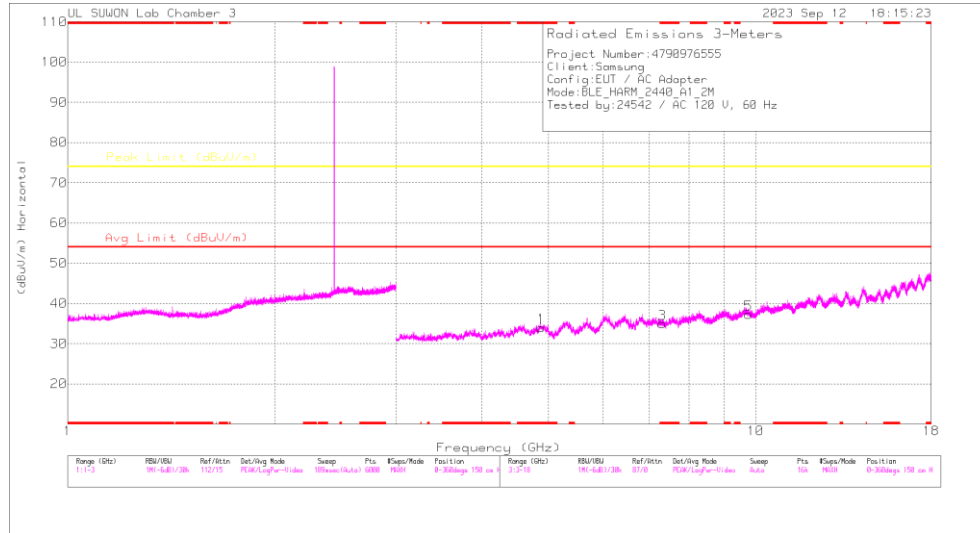
Note: Emission was scanned up to 26GHz; No emissions were detected above the noise floor which was at least 20dB below the specification limit.

Radiated Emissions

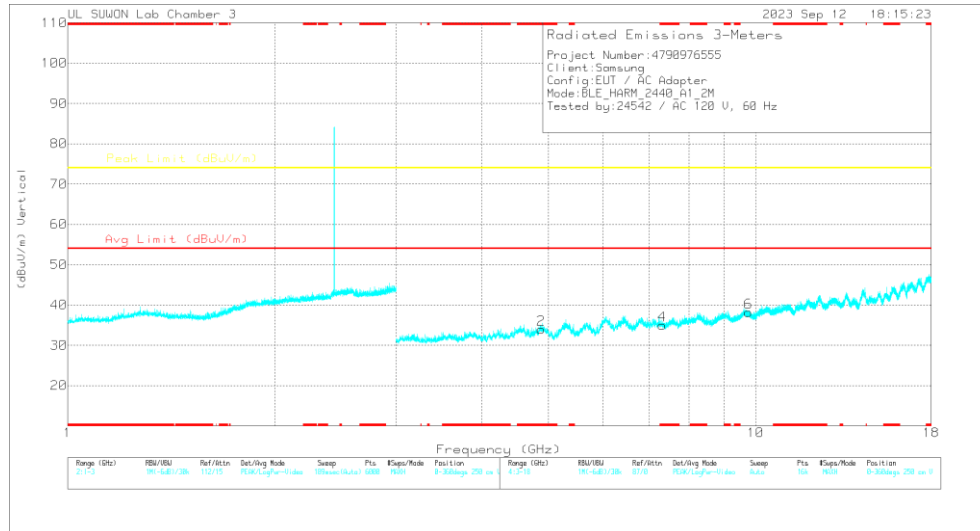
Frequency (GHz)	Meter Reading (dBuV)	Det	Antenna Correction Factor (dB(1/m))	Path Loss (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
* 4.80269	39.08	PK2	34.3	-30.1	0	43.28	-	-	74	-30.72	0	100	H
* 4.80328	39.77	PK2	34.3	-30.1	0	43.97	-	-	74	-30.03	0	100	V
7.21135	35.43	PK2	35.8	-25.9	0	45.33	-	-	74	-28.67	0	100	H
7.20517	35.07	PK2	35.8	-25.9	0	44.97	-	-	74	-29.03	0	100	V
9.61036	32.82	PK2	36.7	-21.7	0	47.82	-	-	74	-26.18	0	100	H
9.60486	33.04	PK2	36.7	-21.7	0	48.04	-	-	74	-25.96	0	100	V

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

19 CHANNEL RESULTS



HORIZONTAL



VERTICAL

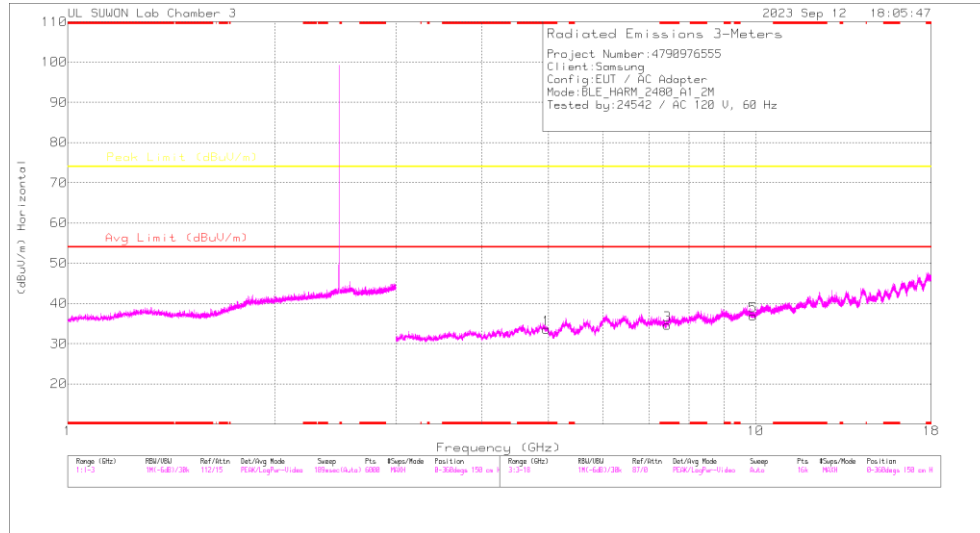
Note: Emission was scanned up to 26GHz; No emissions were detected above the noise floor which was at least 20dB below the specification limit.

Radiated Emissions

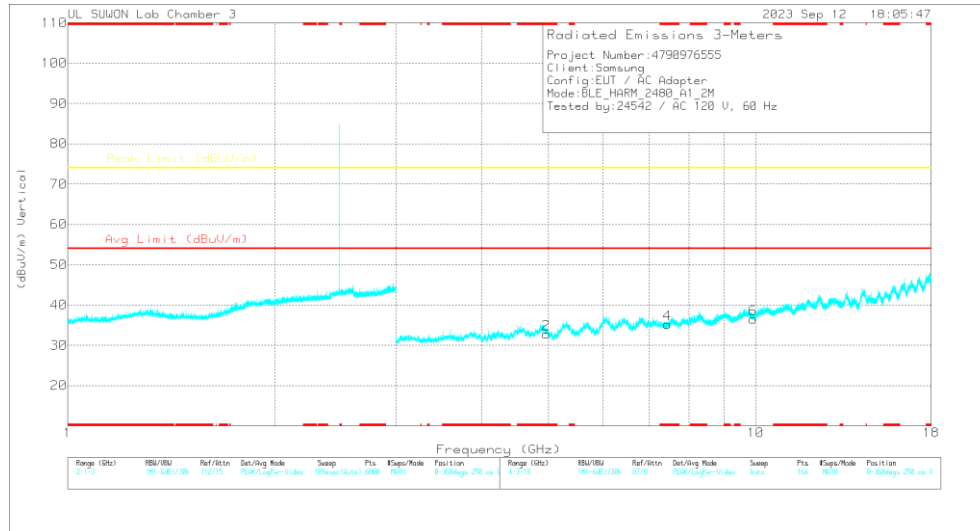
Frequency (GHz)	Meter Reading (dBuV)	Det	Antenna Correction Factor (dB [1m])	Path Loss (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
* 4.88042	39.6	PK2	34.2	-29.9	0	43.9	-	-	74	-30.1	0	100	H
* 4.87692	39.98	PK2	34.2	-29.9	0	44.28	-	-	74	-29.72	0	100	V
* 7.3207	34.92	PK2	35.8	-25.5	0	45.22	-	-	74	-28.78	0	100	H
* 7.32338	34.66	PK2	35.8	-25.5	0	44.96	-	-	74	-29.04	0	100	V
9.75982	32.08	PK2	36.9	-21.5	0	47.48	-	-	74	-26.52	0	100	H
9.75576	32.92	PK2	36.9	-21.6	0	48.22	-	-	74	-25.78	0	100	V

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

39 CHANNEL 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

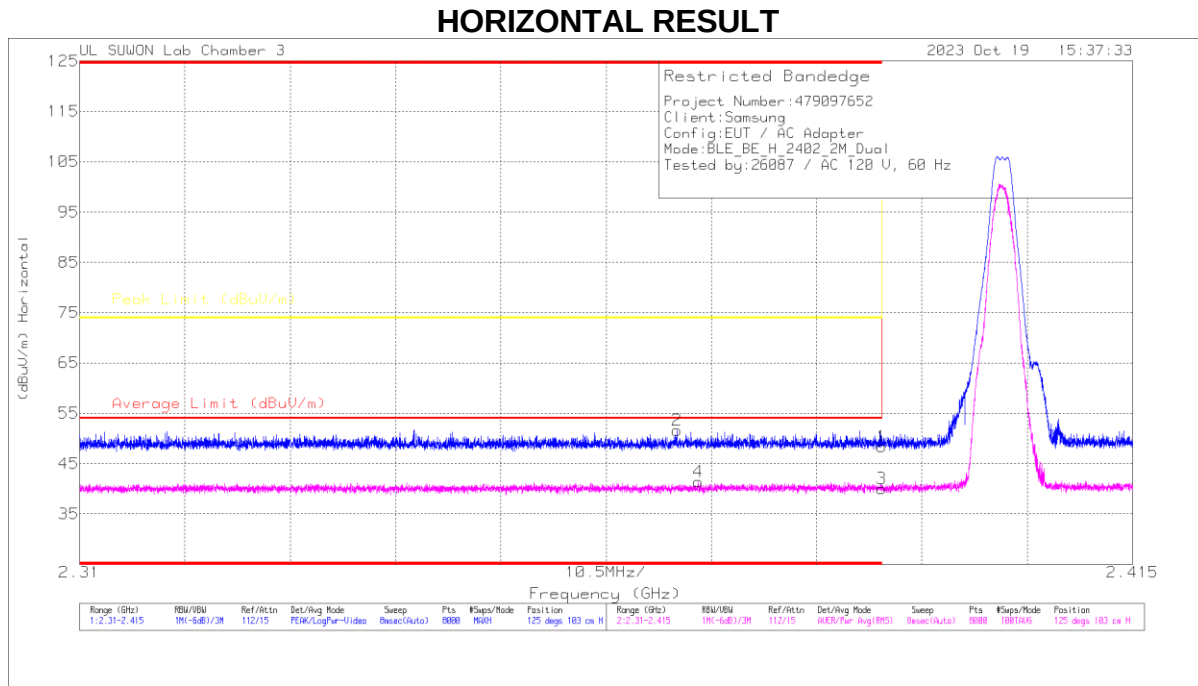
Frequency (GHz)	Meter Reading (dBuV)	Det	Antenna Correction Factor (dB [1m])	Path Loss (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
* 4.96084	28.23	PK2	34.3	-30.1	0	32.53	-	-	74	-41.47	0	100	H
* 4.96264	22.39	PK2	34.3	-30.1	0	26.59	-	-	74	-47.41	0	100	H
* 7.43884	21.87	PK2	35.7	-25.2	0	32.37	-	-	74	-41.63	0	100	H
* 7.43533	29.15	PK2	35.7	-25.2	0	39.65	-	-	74	-34.35	0	100	H
9.91834	22.33	PK2	37.1	-21.3	0	38.13	-	-	74	-35.87	0	100	H
9.92177	14.91	PK2	37.1	-21.3	0	30.71	-	-	74	-43.29	0	100	H

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

PK2 - KDB558074 Method: Maximum Peak

10.2.6. 2 Mbps DUAL

BANDEDGE (0 CHANNEL)



Trace Markers

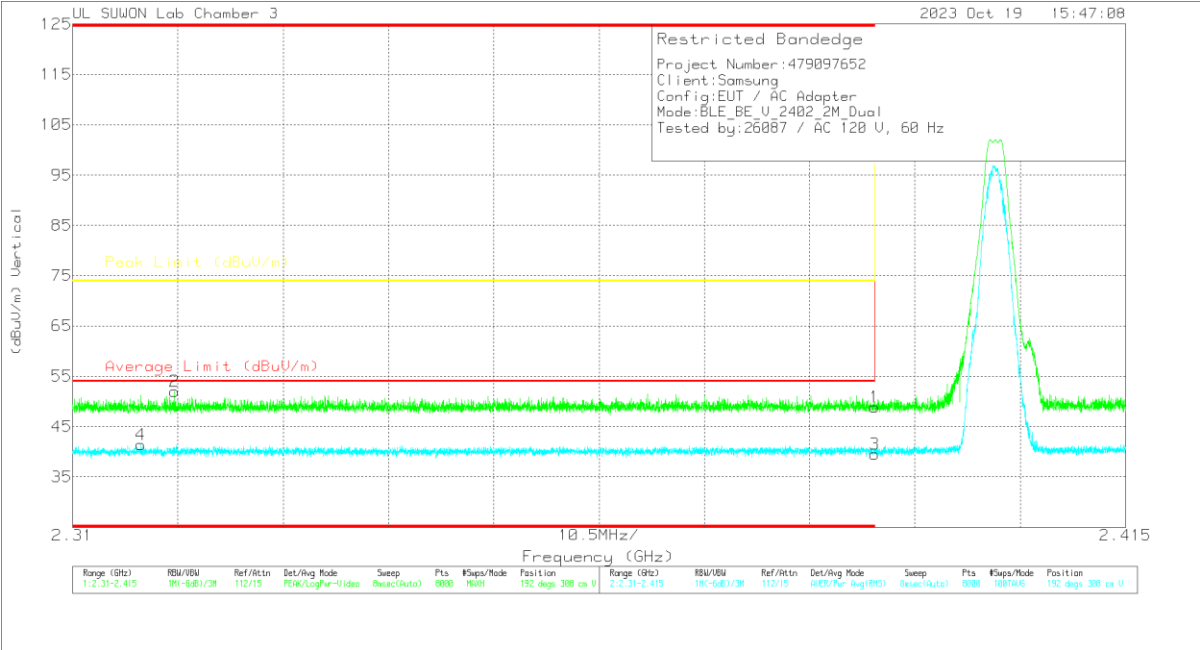
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	Antenna Correction Factor (dB (Unit))	Path Loss (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Altitude (Degs)	Height (cm)	Polarity
1	* 2.39	41.13	PK	32.1	-24.8	0	48.43	-	-	74	-25.57	125	103	H
2	* 2.36957	44.46	PK	32	-24.8	0	51.66	-	-	74	-22.34	125	103	H
3	* 2.39	31.55	RMS	32.1	-24.8	4.18	43.03	54	-10.97	-	-	125	103	H
4	* 2.37168	33.11	RMS	32	-24.9	4.18	44.39	54	-9.61	-	-	125	103	H

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

PK - Peak detector

RMS - RMS detection

VERTICAL RESULT

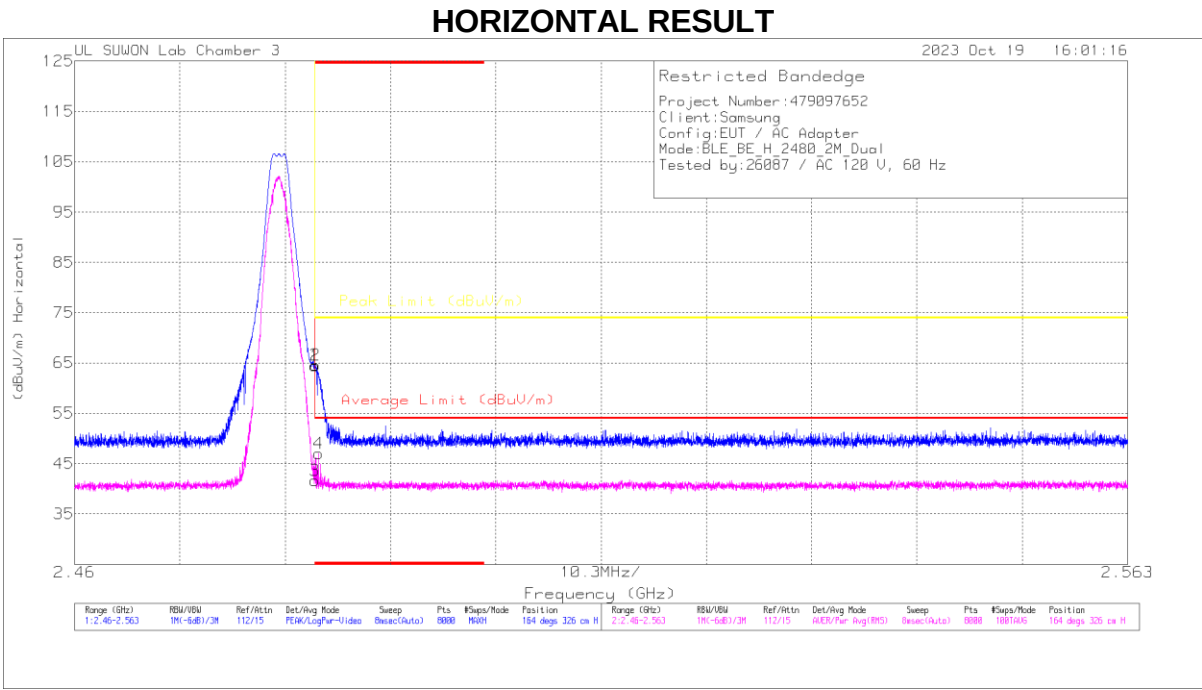


Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	Antenna Correction Factor (dB/1m)	Path Loss (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	41.50	PK	32.1	-24.8	0	49.98	-	-	74	-25.12	192	308	V
2	* 2.32019	44.88	PK	31.9	-24.8	0	51.98	-	-	74	-22.02	192	308	V
3	* 2.39	31.14	RMS	32.1	-24.8	4.18	42.62	54	-11.38	-	-	192	308	V
4	* 2.3168	33.15	RMS	31.9	-24.8	4.18	44.43	54	-9.57	-	-	192	308	V

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

BANDEDGE (39 CHANNEL)

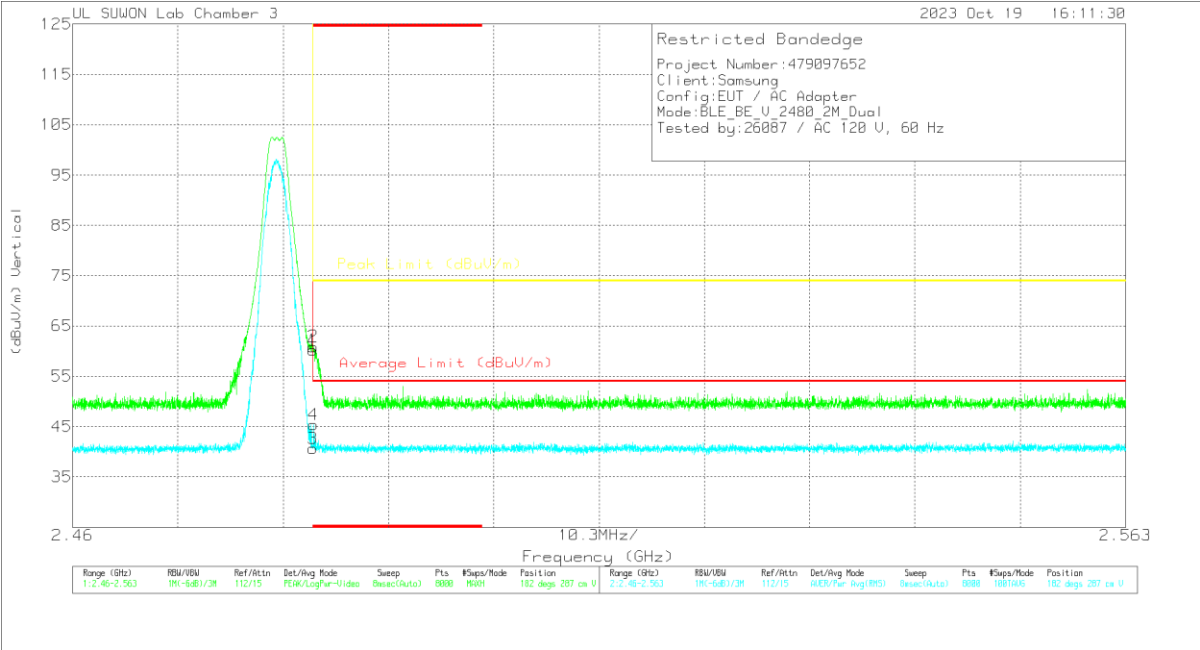


Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	Antenna Correction Factor[dB(dBm)]	Path Loss(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	* 2.4835	56.81	PK	32.4	-24.8	0	64.41	-	-	74	-9.59	164	326	H
2	* 2.48354	56.95	PK	32.4	-24.8	0	64.55	-	-	74	-9.45	164	326	H
3	* 2.4835	32.88	RMS	32.4	-24.8	4.18	44.66	54	-9.34	-	-	164	326	H
4	* 2.48355	38.25	RMS	32.4	-24.8	4.18	50.03	54	-3.97	-	-	164	326	H

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

VERTICAL RESULT



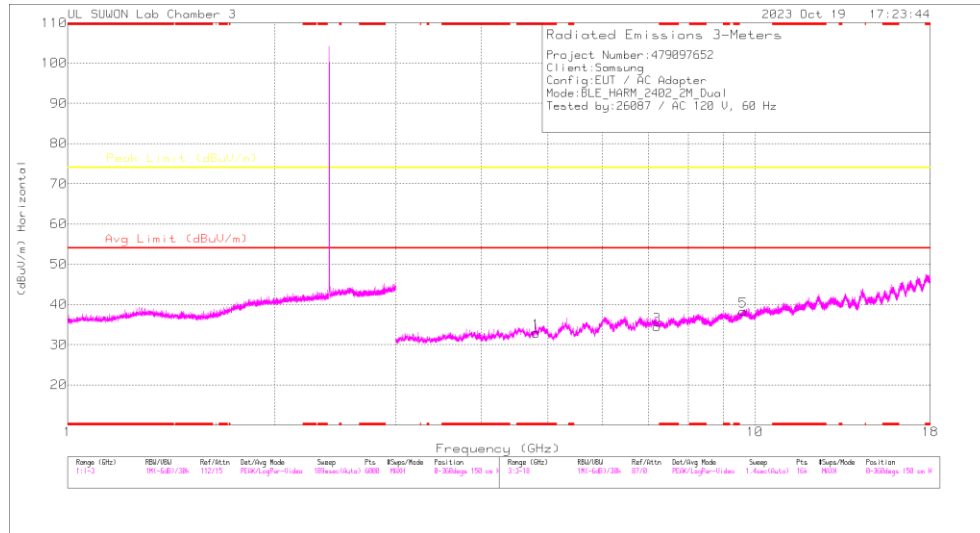
Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	Antenna Correction Factor (dBuV/m)	Path Loss (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (m)	Polarity
1	* 2.4835	52.67	Pk	32.4	-24.8	0	60.27	-	-	74	-13.73	182	287	V
2	* 2.48353	53.31	Pk	32.4	-24.8	0	60.91	-	-	74	-13.09	182	287	V
3	* 2.4835	31.91	RMS	32.4	-24.8	4.18	43.69	54	-10.31	-	-	182	287	V
4	* 2.48355	36.66	RMS	32.4	-24.8	4.18	48.44	54	-5.56	-	-	182	287	V

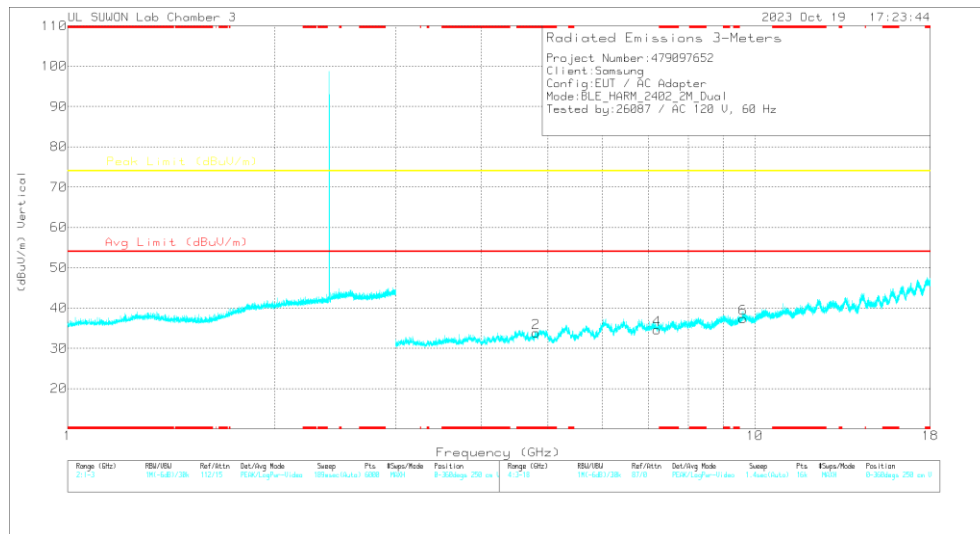
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band
Pk - Peak detector
RMS - RMS detection

HARMONICS AND SPURIOUS EMISSIONS

0 CHANNEL RESULTS



HORIZONTAL



VERTICAL

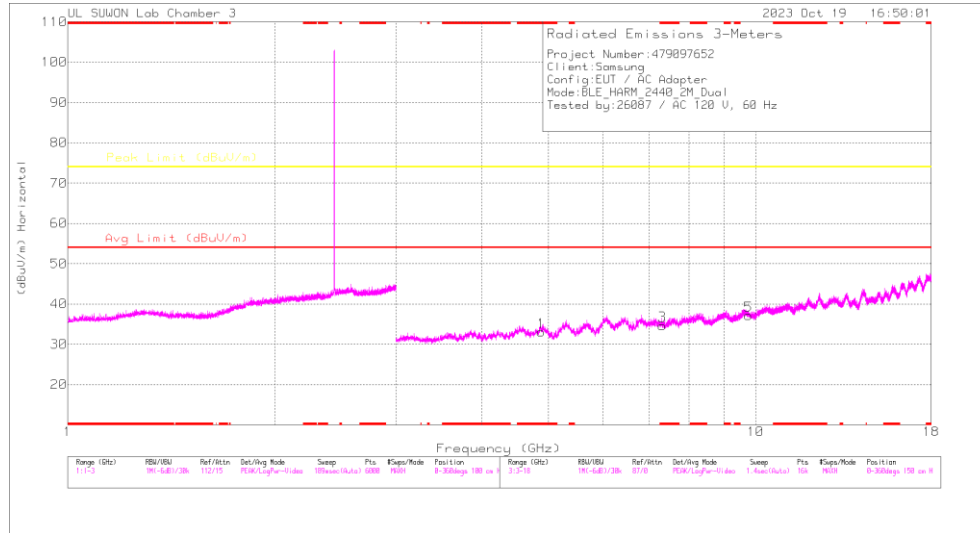
Note: Emission was scanned up to 26GHz; No emissions were detected above the noise floor which was at least 20dB below the specification limit.

Radiated Emissions

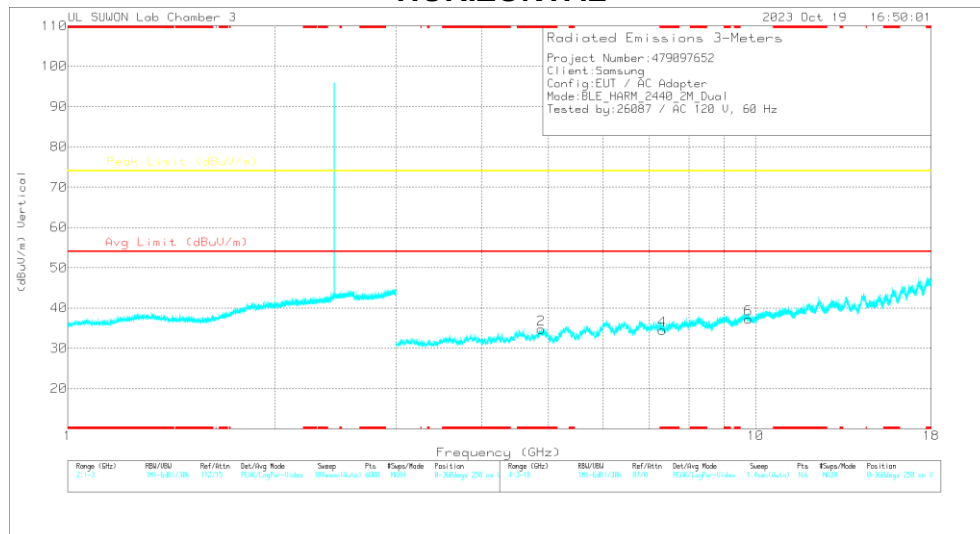
Frequency (GHz)	Meter Reading (dBuV)	Det	Antenna Correction Factor (dB(1/m))	Path Loss (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
* 4.80461	39.41	PK2	34.3	-30.1	0	43.61	-	-	74	-30.39	0	100	H
* 4.80477	39.51	PK2	34.3	-30.1	0	43.71	-	-	74	-30.29	0	100	V
7.20696	34.93	PK2	35.8	-25.9	0	44.83	-	-	74	-29.17	0	100	H
7.2067	34.82	PK2	35.8	-25.9	0	44.72	-	-	74	-29.28	0	100	V
9.60897	33.01	PK2	36.7	-21.7	0	48.01	-	-	74	-25.99	0	100	H
9.60909	32.83	PK2	36.7	-21.7	0	47.83	-	-	74	-26.17	0	100	V

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

19 CHANNEL RESULTS



HORIZONTAL



VERTICAL

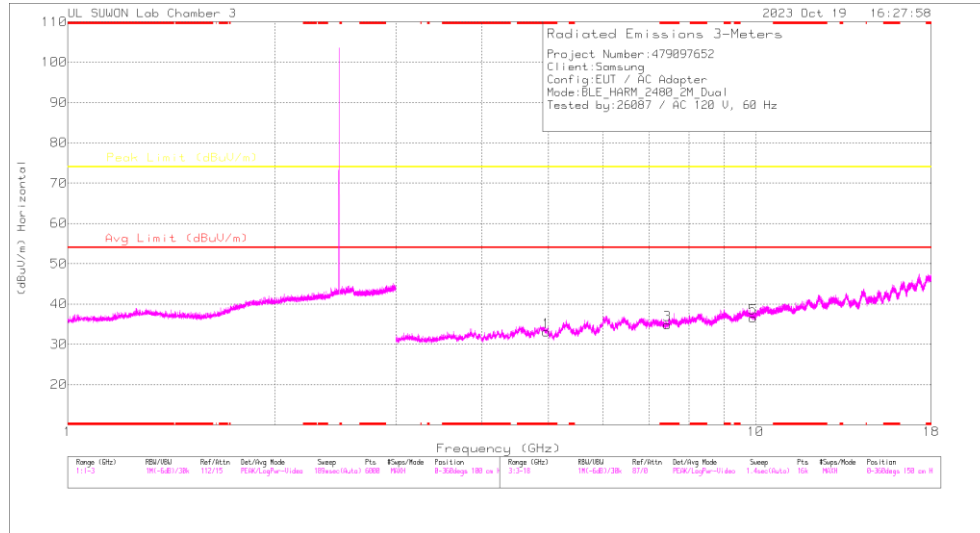
Note: Emission was scanned up to 26GHz; No emissions were detected above the noise floor which was at least 20dB below the specification limit.

Radiated Emissions

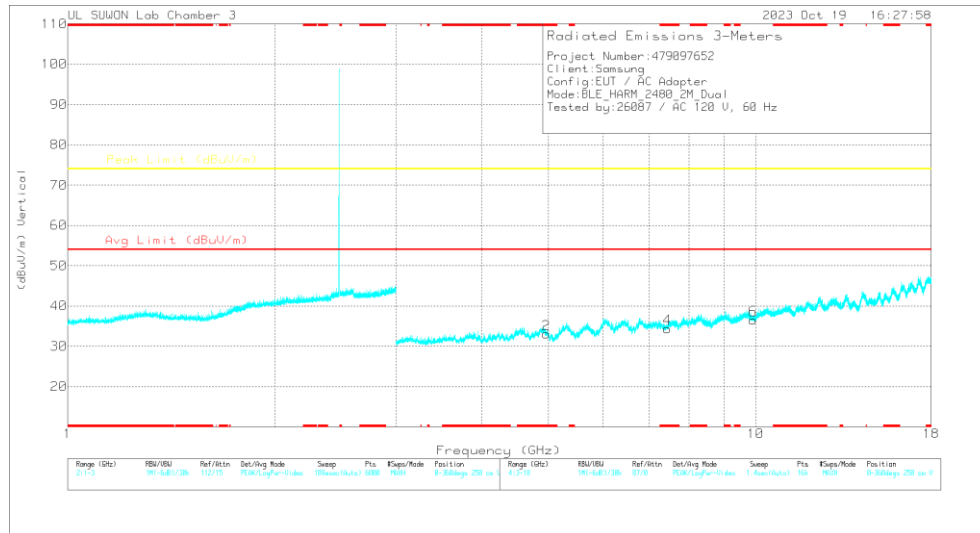
Frequency (GHz)	Meter Reading (dBuV)	Det	Antenna Correction Factor(dB[1m])	Path Loss(dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
* 4.8807	39.93	PK2	34.2	-29.9	0	44.23	-	-	74	-29.77	0	100	H
* 4.88068	40.13	PK2	34.2	-29.9	0	44.43	-	-	74	-29.57	0	100	V
* 7.3205	34.86	PK2	35.8	-25.5	0	45.16	-	-	74	-28.84	0	100	H
* 7.32024	34.9	PK2	35.8	-25.5	0	45.2	-	-	74	-28.8	0	100	V
9.76075	32.27	PK2	36.9	-21.5	0	47.67	-	-	74	-26.33	0	100	H
9.76094	32.18	PK2	36.9	-21.5	0	47.58	-	-	74	-26.42	0	100	V

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

39 CHANNEL 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.

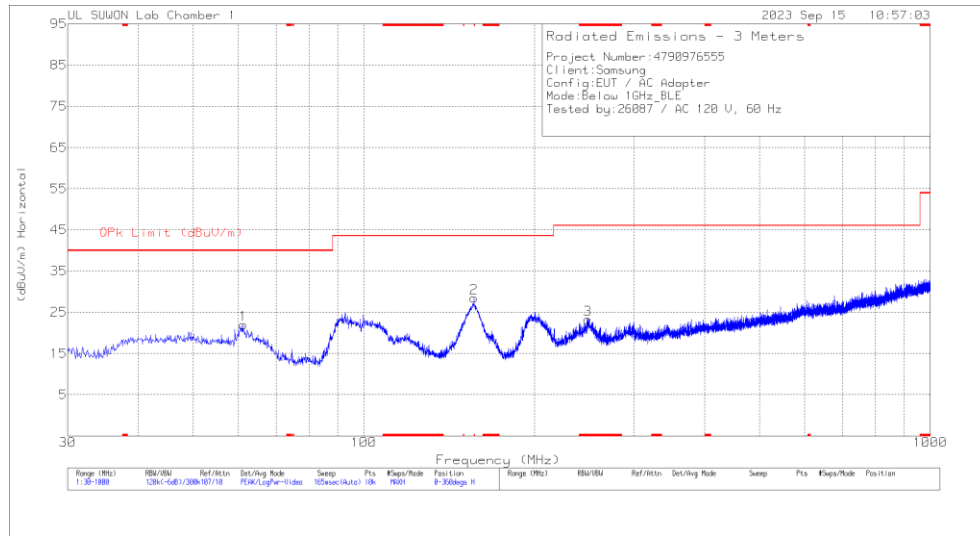
Radiated Emissions

Frequency (GHz)	Meter Reading (dBuV)	Det	Antenna Correction Factor (dB [1m])	Path Loss (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
* 4.96027	39.29	PK2	34.3	-30	0	43.59	-	-	74	-30.41	0	100	H
* 4.96048	39.3	PK2	34.3	-30	0	43.6	-	-	74	-30.4	0	100	V
* 7.44015	34.7	PK2	35.7	-25.2	0	45.2	-	-	74	-28.8	0	100	H
* 7.44047	35.1	PK2	35.7	-25.2	0	45.6	-	-	74	-28.4	0	100	V
9.92005	31.62	PK2	37.1	-21.4	0	47.32	-	-	74	-26.68	0	100	H
9.92005	32.32	PK2	37.1	-21.4	0	48.02	-	-	74	-25.98	0	100	V

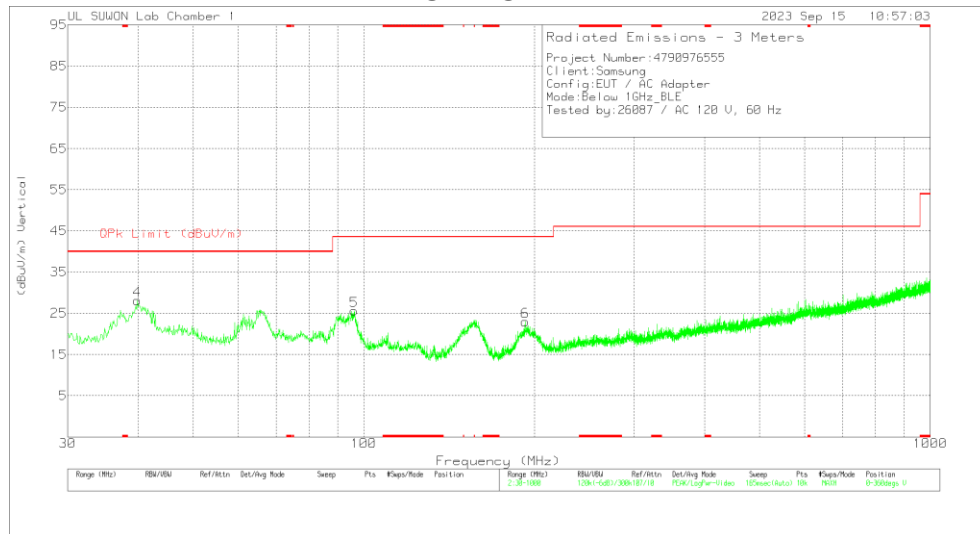
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band
PK2 - KDB558074 Method: Maximum Peak

10.3. WORST CASE BELOW 1 GHz

SPURIOUS EMISSIONS 30 TO 1000 MHz (WORST-CASE CONFIGURATION)



HORIZONTAL



VERTICAL

Trace Markers

Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	Antenna Correction Factor(dB(1/m))	Path Loss(dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	QPk Limit (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	61.234	34.66	Pk	18	-30.7	0	21.96	40	-18.04	0-360	300	H
2	156.488	43.94	Pk	14.1	-29.6	0	28.44	43.52	-15.08	0-360	100	H
3	* 248.347	34.2	Pk	18	-28.9	0	23.3	46.02	-22.72	0-360	100	H
4	39.797	40.85	Pk	18.4	-31.1	0	28.15	40	-11.85	0-360	200	V
5	96.057	39.17	Pk	16.8	-30.3	0	25.67	43.52	-17.85	0-360	200	V
6	192.669	35.44	Pk	16.8	-29.3	0	22.94	43.52	-20.58	0-360	200	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.

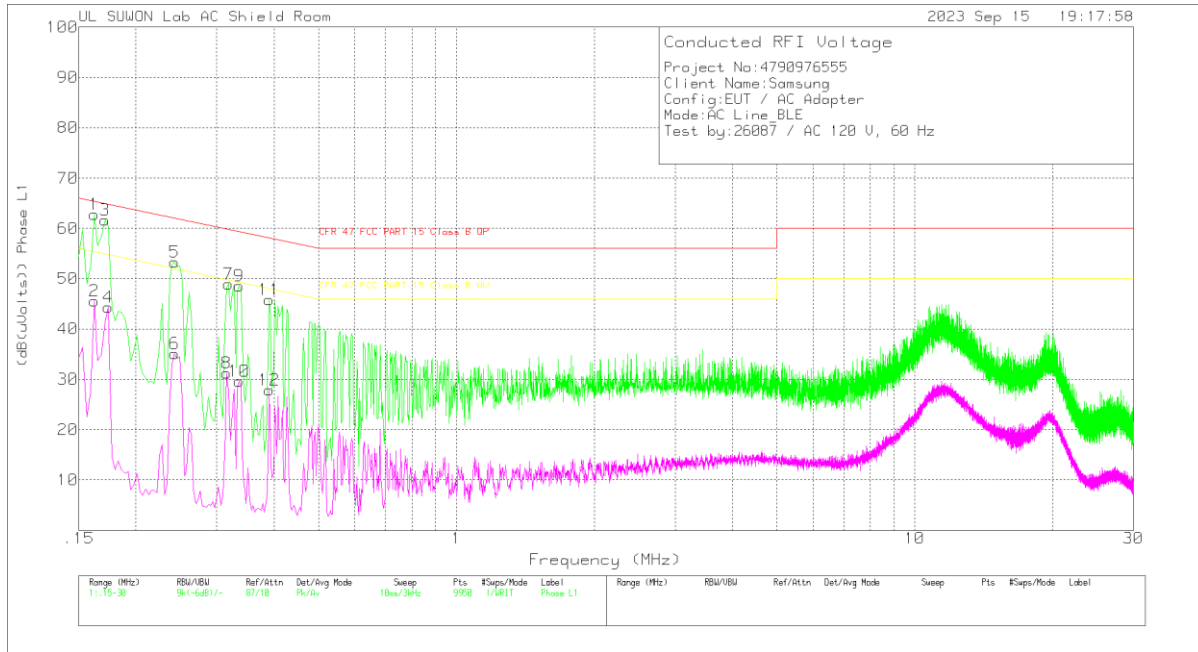
The receiver is set to a resolution bandwidth of 9 kHz. Peak detection is used unless otherwise noted as quasi-peak or average.

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

RESULTS

11.1. AC Power Line

LINE 1 RESULTS



Trace Markers

Range 1: Phase L1 .15 - 30MHz

Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	101837_L1[dB]	CABLELOS S(dB)	Corrected Reading (dB(uVolts))	CFR 47 FCC PART 15 Class B QP (dB(uVolts))	Margin (dB)	CFR 47 FCC PART 15 Class B AV (dB(uVolts))	Margin (dB)
1	.162	52.78	Pk	9.9	.1	62.78	65.36	-2.58	-	-
2	.162	35.55	Av	9.9	.1	45.55	-	-	55.36	-9.81
3	.171	51.41	Pk	10	.2	61.61	64.91	-3.3	-	-
4	.174	34.09	Av	10	.2	44.29	-	-	54.77	-10.48
5	.243	43.53	Pk	9.6	.2	53.33	61.99	-8.66	-	-
6	.243	25.34	Av	9.6	.2	35.14	-	-	51.99	-16.85
7	.318	38.99	Pk	9.7	.2	48.89	59.76	-10.87	-	-
8	.315	21.29	Av	9.7	.2	31.19	-	-	49.84	-18.65
9	.336	38.56	Pk	9.8	.2	48.56	59.3	-10.74	-	-
10	.336	19.58	Av	9.8	.2	29.58	-	-	49.3	-19.72
11	.39	35.82	Pk	9.8	.2	45.82	58.06	-12.24	-	-
12	.39	17.9	Av	9.8	.2	27.9	-	-	48.06	-20.16

Pk - Peak detector

Av - Average detection

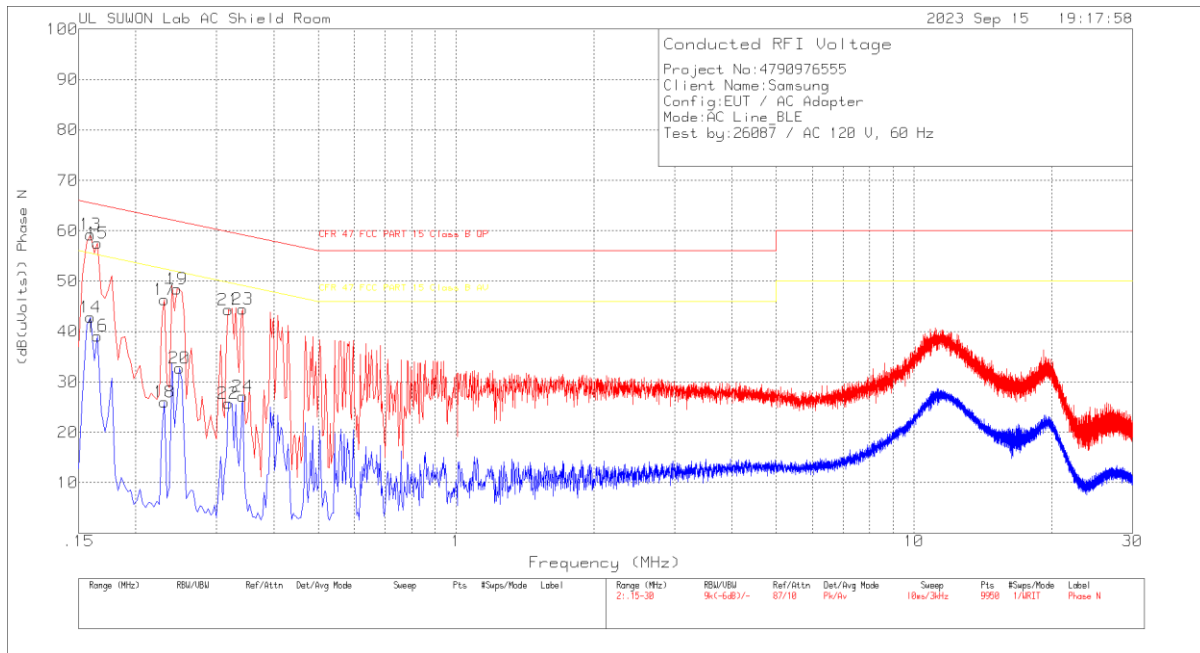
Quasi-Peak Emissions

Range 1: Phase L1 .15 - 30MHz

Frequency (MHz)	Meter Reading (dBuV)	Det	101837_L1[dB]	CABLELOS S(dB)	Corrected Reading (dB(uVolts))	CFR 47 FCC PART 15 Class B QP (dB(uVolts))	Margin (dB)	CFR 47 FCC PART 15 Class B AV (dB(uVolts))	Margin (dB)
.16125	37.02	Qp	9.9	.1	47.02	65.4	-18.38	-	-
.17025	21.04	Qp	10	.2	31.24	64.95	-33.71	-	-
.24225	26.37	Qp	9.6	.2	36.17	62.02	-25.85	-	-

Qp - Quasi-Peak detector

LINE 2 RESULTS



Trace Markers

Range 2: Phase N .15 - 30MHz

Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	101837_N[d B]	CABLELOS S(dB)	Corrected Reading (dB(uVolts))	CFR 47 FCC PART 15 Class B QP (dB(uVolts))	Margin (dB)	CFR 47 FCC PART 15 Class B AV (dB(uVolts))	Margin (dB)
13	.159	49.32	Pk	9.8	.1	59.22	65.52	-6.3	-	-
14	.159	32.93	Av	9.8	.1	42.83	-	-	55.52	-12.69
15	.165	47.5	Pk	9.9	.1	57.5	65.21	-7.71	-	-
16	.165	29.15	Av	9.9	.1	39.15	-	-	55.21	-16.06
17	.231	36.46	Pk	9.7	.2	46.36	62.41	-16.05	-	-
18	.231	16.09	Av	9.7	.2	25.99	-	-	52.41	-26.42
19	.246	38.58	Pk	9.6	.2	48.38	61.89	-13.51	-	-
20	.249	22.99	Av	9.6	.2	32.79	-	-	51.79	-19
21	.318	34.41	Pk	9.7	.2	44.31	59.76	-15.45	-	-
22	.318	15.87	Av	9.7	.2	25.77	-	-	49.76	-23.99
23	.342	34.45	Pk	9.8	.2	44.45	59.15	-14.7	-	-
24	.342	17.15	Av	9.8	.2	27.15	-	-	49.15	-22

Pk - Peak detector

Av - Average detection

Quasi-Peak Emissions

Range 2: Phase N .15 - 30MHz

Frequency (MHz)	Meter Reading (dBuV)	Det	101837_N[d B]	CABLELOS S(dB)	Corrected Reading (dB(uVolts))	CFR 47 FCC PART 15 Class B QP (dB(uVolts))	Margin (dB)	CFR 47 FCC PART 15 Class B AV (dB(uVolts))	Margin (dB)
.15825	39.02	Qp	9.8	.1	48.92	65.56	-16.64	-	-
.16425	33.17	Qp	9.9	.1	43.17	65.25	-22.08	-	-

Qp - Quasi-Peak detector

END OF TEST REPORT