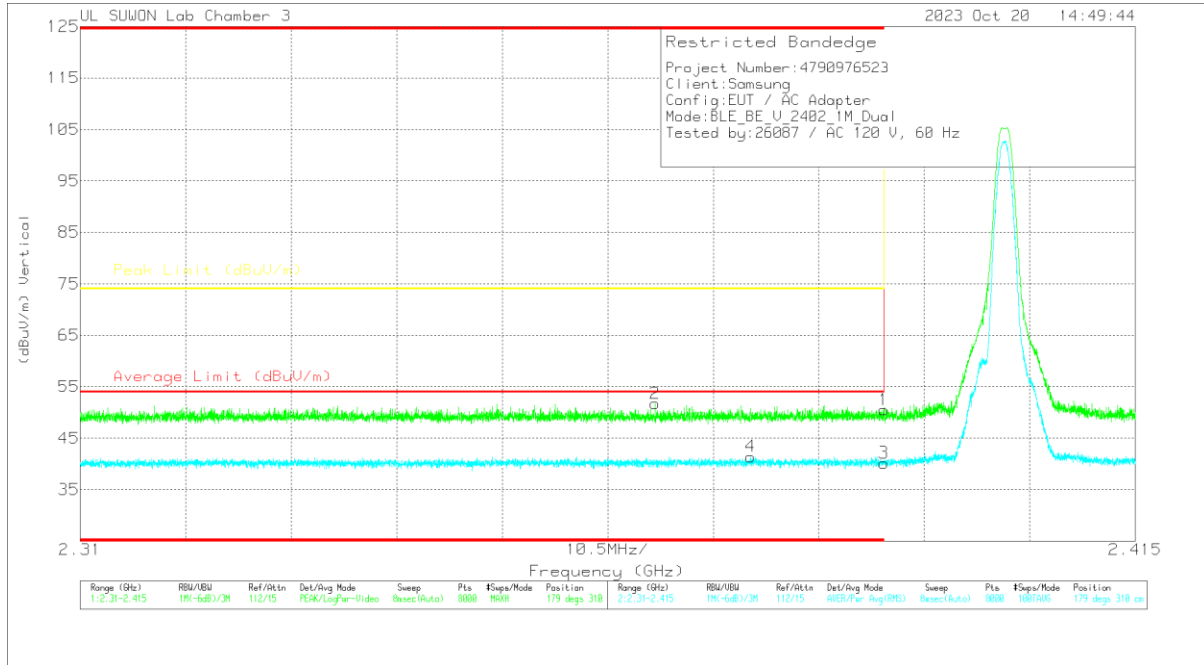


### VERTICAL RESULT



### 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	43.22	Pk	32.1	-24.8	0	50.52	-	-	74	-23.48	179	310	V
2	* 2.36721	44.63	Pk	32	-24.9	0	51.73	-	-	74	-22.27	179	310	V
3	* 2.39	31.73	RMS	32.1	-24.8	2.87	41.9	54	-12.1	-	-	179	310	V
4	* 2.37674	32.97	RMS	32.1	-24.8	2.87	43.14	54	-10.86	-	-	179	310	V

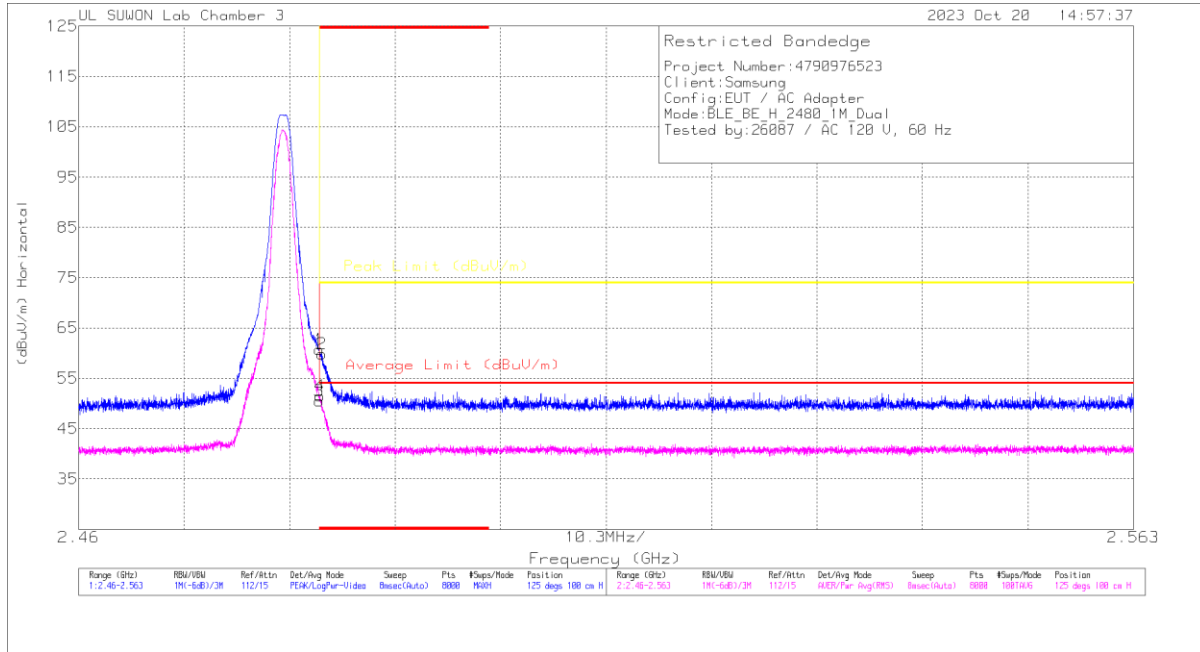
\* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

Pk - Peak detector

RMS - RMS detection

**BANDEDGE (39 CHANNEL)**

**HORIZONTAL RESULT**



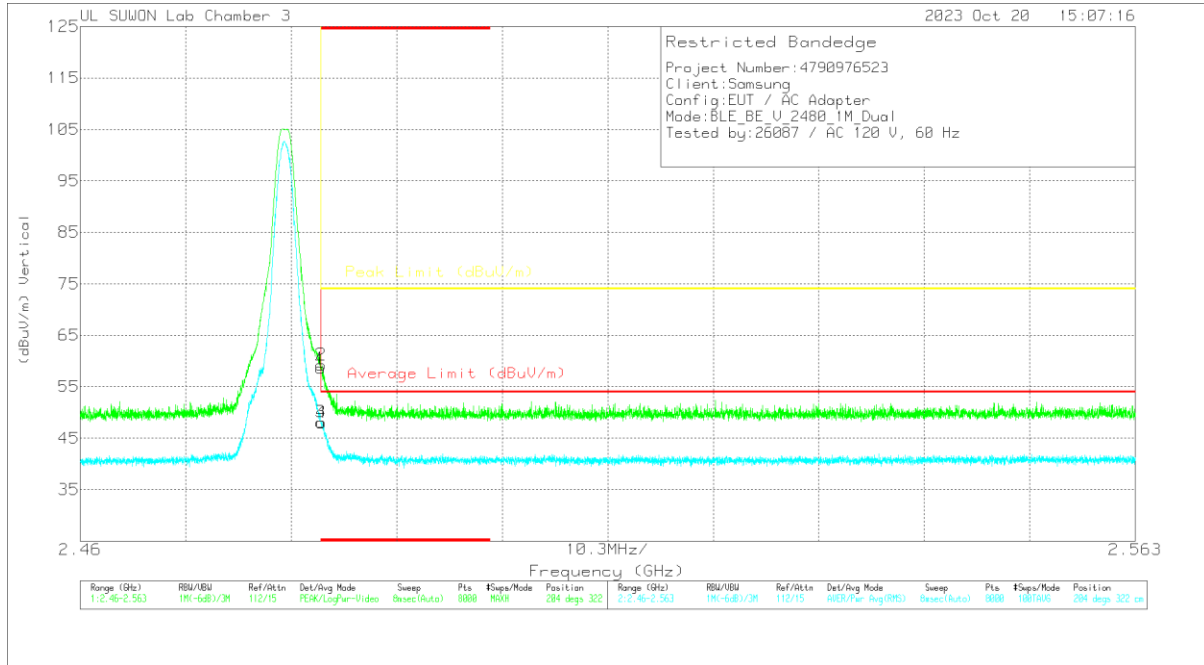
**Trace Markers**

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	53.1	Pk	32.4	-24.8	0	60.7	-	-	74	-13.3	125	100	H
2	* 2.48376	52.3	Pk	32.4	-24.8	0	59.9	-	-	74	-14.1	125	100	H
3	* 2.4835	40.03	RMS	32.4	-24.8	2.87	50.5	54	-3.5	-	-	125	100	H
4	* 2.48354	41.02	RMS	32.4	-24.8	2.87	51.49	54	-2.51	-	-	125	100	H

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

Pk - Peak detector  
 RMS - RMS detection

### VERTICAL RESULT



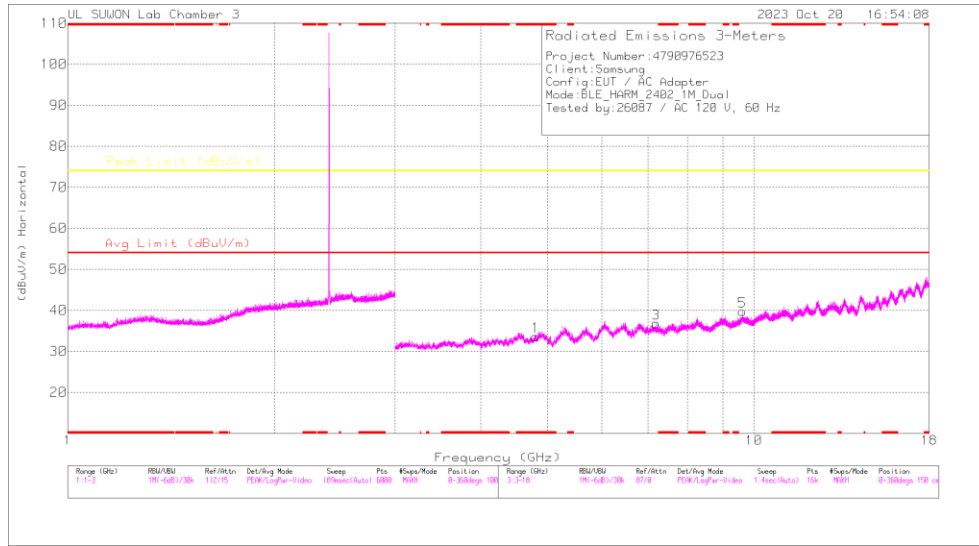
### Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	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	51	Pk	32.4	-24.8	0	58.6	-	-	74	-15.4	204	322	V
2	* 2.48351	51.64	Pk	32.4	-24.8	0	59.24	-	-	74	-14.76	204	322	V
3	* 2.4835	39.39	RMS	32.4	-24.8	2.87	49.86	54	-4.14	-	-	204	322	V
4	* 2.48353	39.29	RMS	32.4	-24.8	2.87	49.76	54	-4.24	-	-	204	322	V

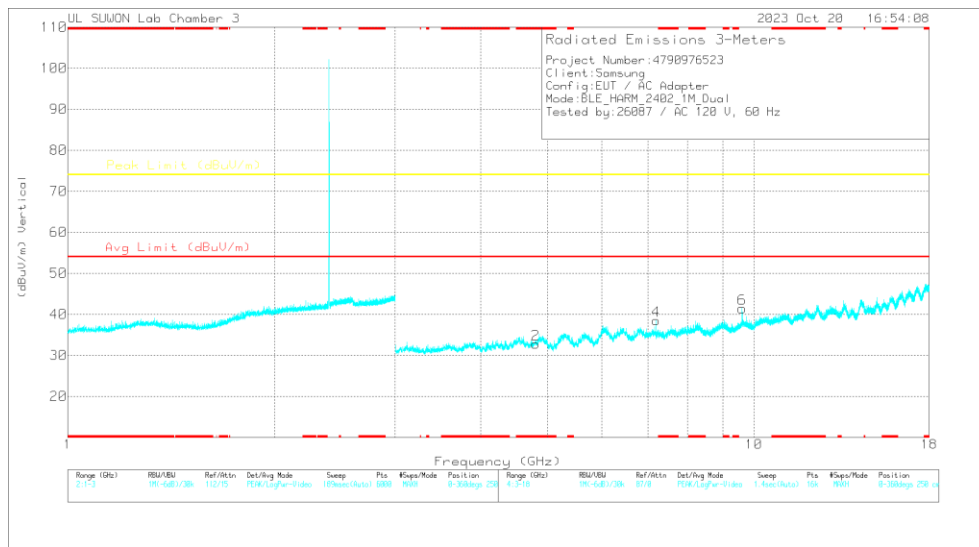
\* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band  
 Pk - Peak detector  
 RMS - RMS detection

# HARMONICS AND SPURIOUS EMISSIONS

## 0 CHANNEL RESULTS



### HORIZONTAL



### VERTICAL

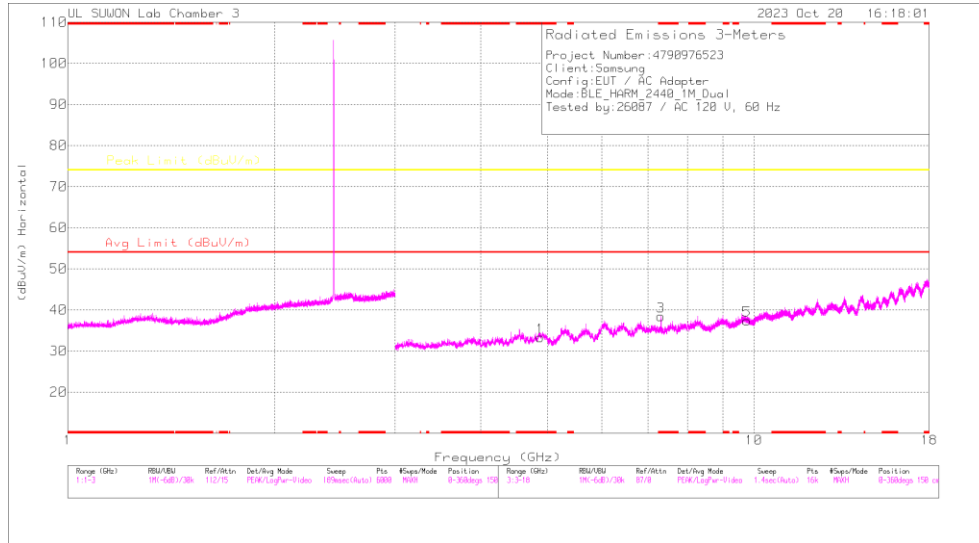
Note: Emission was scanned up to 26GHz; No emissions were detected above the noise floor which was at least 20dB below the specification limit.

### Radiated Emissions

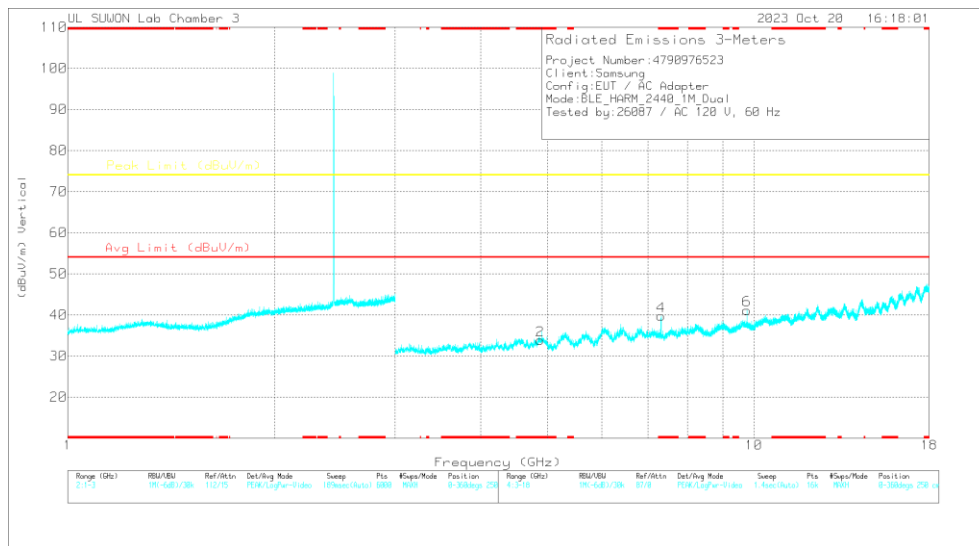
Frequency (GHz)	Meter Reading (dBuV)	Det	Antenna Correction Factor(dB(1/m))	Path Loss(dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
* 4.80482	39.75	PK2	34.3	-30.1	0	43.95	-	-	74	-30.05	1	100	H
* 4.80374	39.81	PK2	34.3	-30.1	0	44.01	-	-	74	-29.99	0	101	V
7.20616	37.41	PK2	35.8	-25.9	0	47.31	-	-	74	-26.69	137	106	H
7.20521	39.49	PK2	35.8	-25.9	0	49.39	-	-	74	-24.61	169	102	V
9.619	32.08	PK2	36.7	-21.7	0	47.08	-	-	74	-26.92	0	100	H
9.60662	35.49	PK2	36.7	-21.8	0	50.39	-	-	74	-23.61	45	101	V

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

### 19 CHANNEL RESULTS



### HORIZONTAL



### VERTICAL

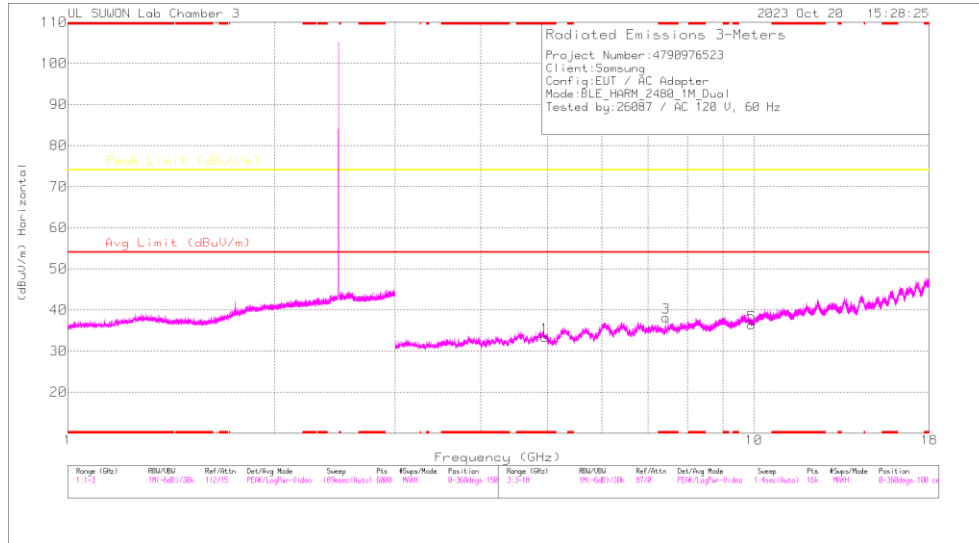
Note: Emission was scanned up to 26GHz; No emissions were detected above the noise floor which was at least 20dB below the specification limit.

### Radiated Emissions

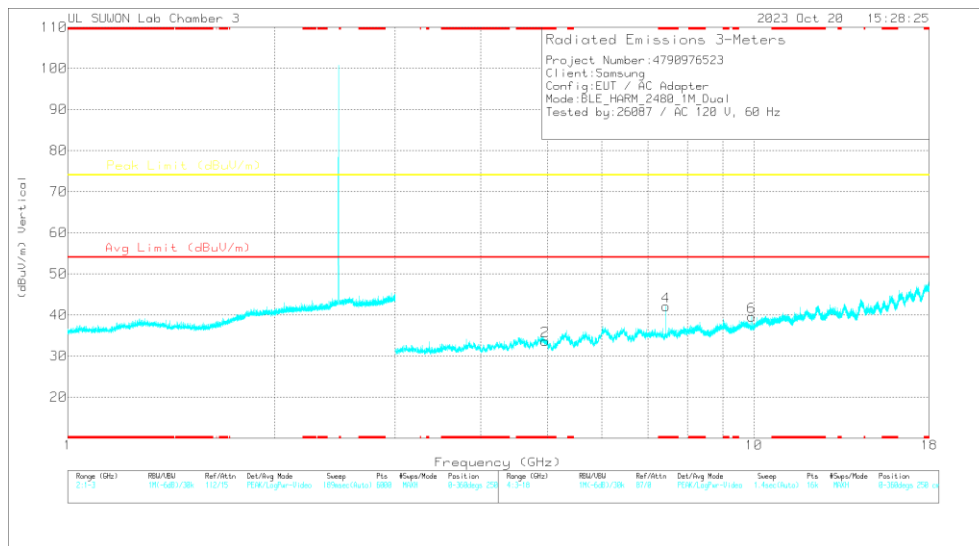
Frequency (GHz)	Meter Reading (dBuV)	Det	Antenna Correction Factor [dB(1/m)]	Path Loss(dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
* 4.88065	-40.21	PK2	-34.2	-29.9	0	-44.51	-	-	74	-29.49	0	100	H
* 4.87832	-39.79	PK2	-34.2	-29.9	0	-44.09	-	-	74	-29.91	0	100	V
* 7.31907	-38.2	PK2	-35.8	-25.5	0	-48.5	-	-	74	-25.5	137	100	H
* 7.31917	-27.77	MAv1	-35.8	-25.5	2.87	-40.94	54	-13.06	-	-	137	100	H
* 7.31949	-39.66	PK2	-35.8	-25.5	0	-49.96	-	-	74	-24.04	164	100	V
* 7.31923	-28.79	MAv1	-35.8	-25.5	2.87	-41.96	54	-12.04	-	-	164	100	V
9.75932	-32.25	PK2	-36.9	-21.5	0	-47.65	-	-	74	-26.35	0	100	H
9.76079	-35.08	PK2	-36.9	-21.5	0	-50.48	-	-	74	-23.52	34	103	V

\* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band  
 PK2 - KDB558074 Method: Maximum Peak  
 MAv1 - KDB558074 Option 1 Maximum RMS Average

### 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

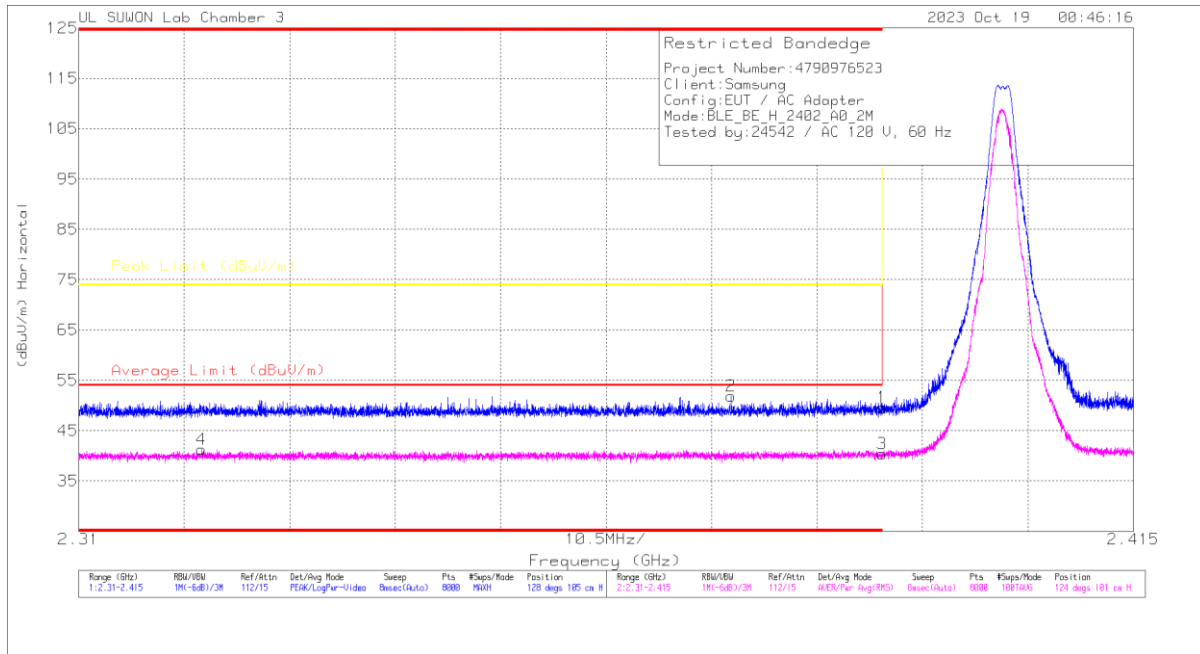
Frequency (GHz)	Meter Reading (dBuV)	Det	Antenna Correction Factor [dB(1/m)]	Path Loss(dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
* 4.95954	39.33	PK2	-34.3	-30	0	43.63	-	-	74	-30.37	0	100	H
* 4.96072	39.45	PK2	-34.3	-30	0	43.75	-	-	74	-30.25	0	100	V
* 7.44062	38.31	PK2	-35.7	-25.2	0	48.81	-	-	74	-25.19	135	100	H
* 7.4393	27.85	MAv1	-35.7	-25.2	2.87	41.22	54	-12.78	-	-	135	100	H
* 7.43986	39.79	PK2	-35.7	-25.2	0	50.29	-	-	74	-23.71	149	100	V
* 7.43924	29.32	MAv1	-35.7	-25.2	2.87	42.69	54	-11.31	-	-	149	100	V
9.91977	31.52	PK2	-37.1	-21.4	0	47.22	-	-	74	-26.78	0	100	H
9.9188	34.18	PK2	-37.1	-21.3	0	49.98	-	-	74	-24.02	39	117	V

\* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band  
 PK2 - KDB558074 Method: Maximum Peak  
 MAv1 - KDB558074 Option 1 Maximum RMS Average

**10.2.4. 2 Mbps ANT1**

**BANDEDGE (0 CHANNEL)**

**HORIZONTAL RESULT**



**Trace Markers**

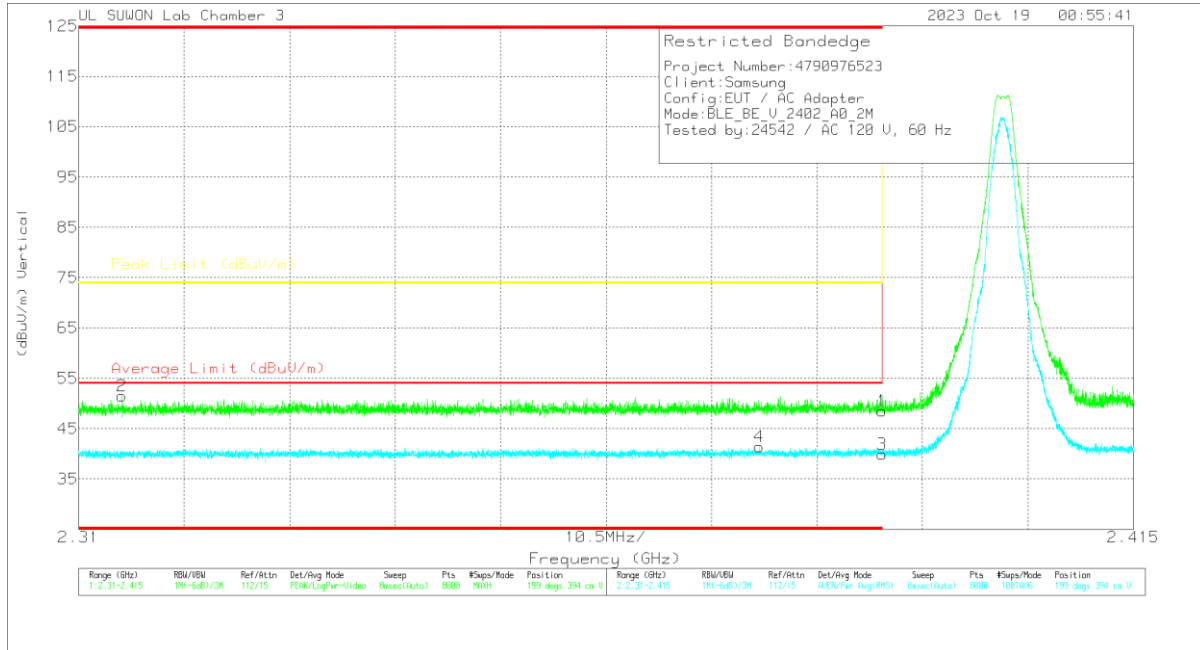
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	Antenna Correction Factor (dB/1m)	Path Loss (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.39	42.23	Pk	32.1	-24.8	0	48.59	-	-	74	-24.41	128	105	H
2	* 2.37495	44.74	Pk	32	-24.9	0	51.84	-	-	74	-22.16	128	105	H
3	* 2.39	31.96	RMS	32.1	-24.8	4.12	43.38	54	-10.62	-	-	124	101	H
4	* 2.32225	33.02	RMS	31.9	-24.8	4.12	44.24	54	-9.76	-	-	124	101	H

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

Pk - Peak detector

RMS - RMS detection

### VERTICAL RESULT



### Trace Markers

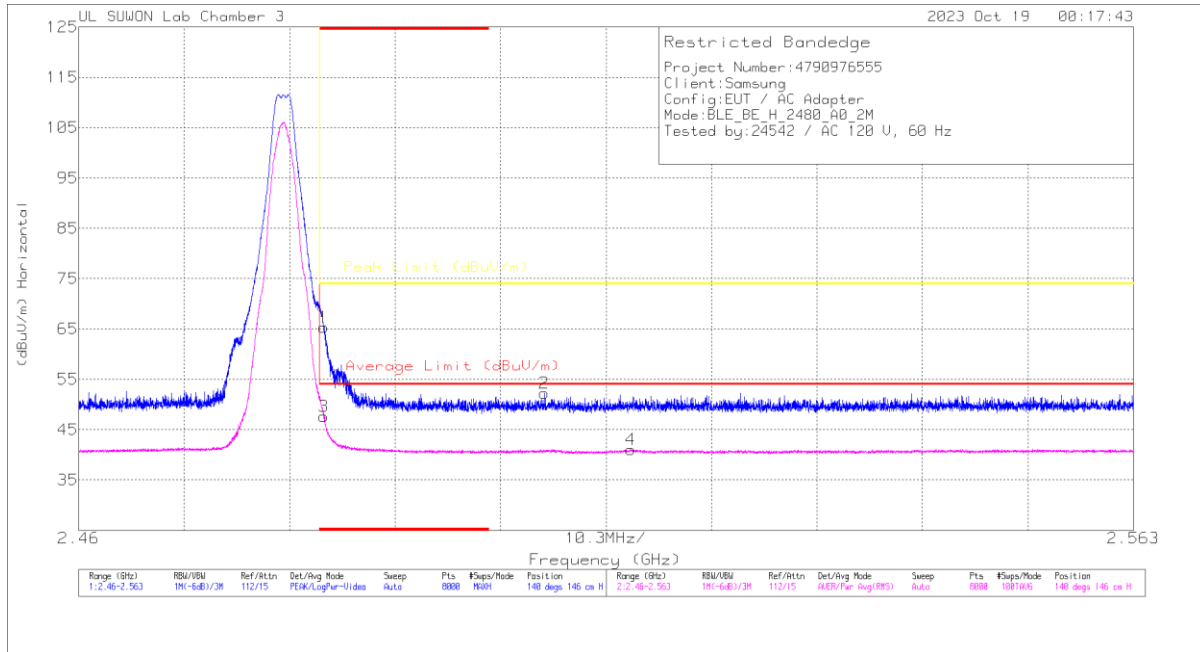
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	Antenna Correction Factor(dB/1m)	Path Loss(dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.39	41.24	Pk	32.1	-24.8	0	48.54	-	-	74	-25.46	199	394	V
2	* 2.31431	44.55	Pk	31.9	-24.9	0	51.55	-	-	74	-22.45	199	394	V
3	* 2.39	31.51	RMS	32.1	-24.8	4.12	42.93	54	-11.07	-	-	199	394	V
4	* 2.37775	32.91	RMS	32.1	-24.8	4.12	44.33	54	-9.67	-	-	199	394	V

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



**BANDEDGE (39 CHANNEL)**

**HORIZONTAL RESULT**

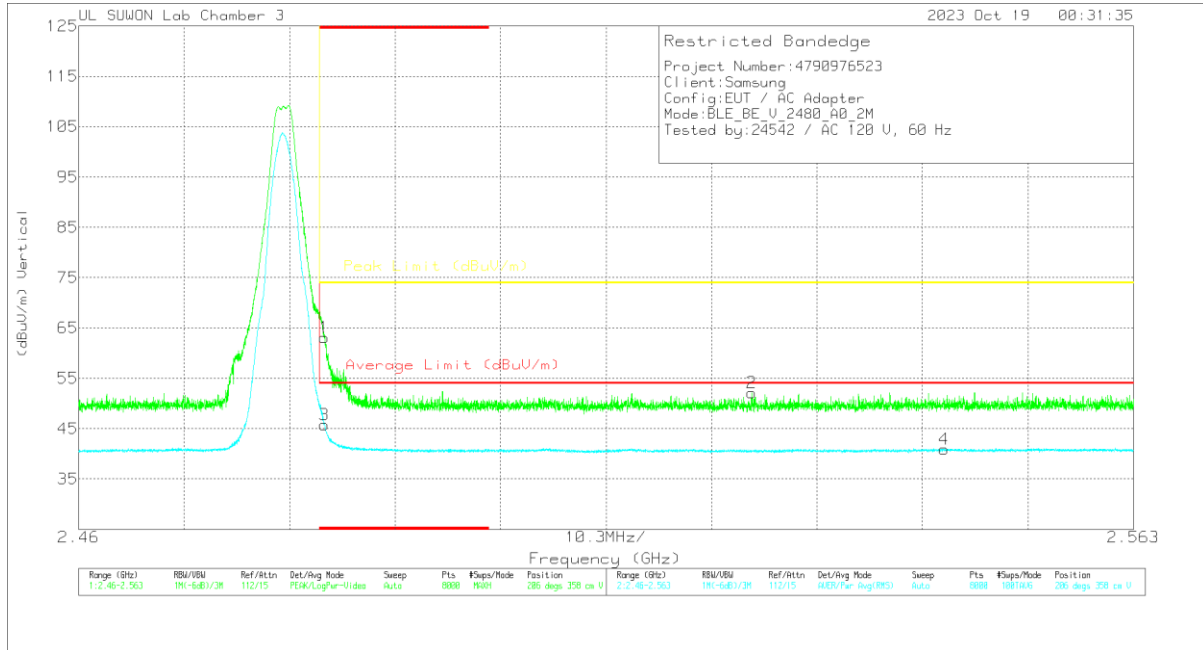


**Trace Markers**

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	3117_00218857	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	* 2.48395	57.79	PK	32.4	-24.8	0	65.39	-	-	74	-8.61	140	146	H
2	2.50947	44.41	PK	32.4	-24.6	0	52.21	-	-	74	-21.79	140	146	H
3	* 2.48394	35.89	RMS	32.4	-24.8	4.12	47.61	54	-6.39	-	-	140	146	H
4	2.51392	29.08	RMS	32.4	-24.6	4.12	41	54	-13	-	-	140	146	H

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

### VERTICAL RESULT



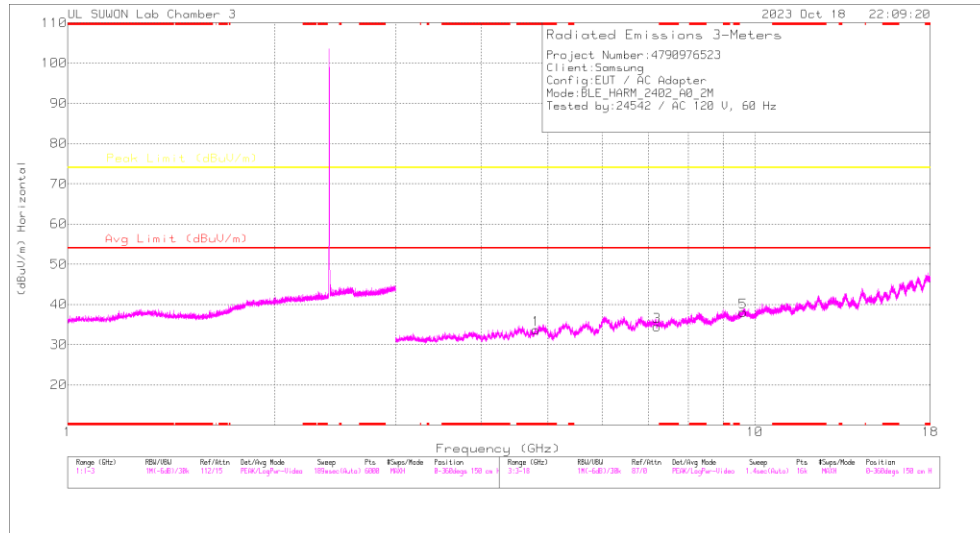
### Trace Markers

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	* 2.48398	55.48	Pk	32.4	-24.8	0	63.08	-	-	74	-10.92	206	358	V
2	2.52575	44.51	Pk	32.4	-24.8	0	52.11	-	-	74	-21.89	206	358	V
3	* 2.48398	34.1	RMS	32.4	-24.8	4.12	45.82	54	-8.18	-	-	206	358	V
4	2.54451	29	RMS	32.4	-24.6	4.12	40.92	54	-13.08	-	-	206	358	V

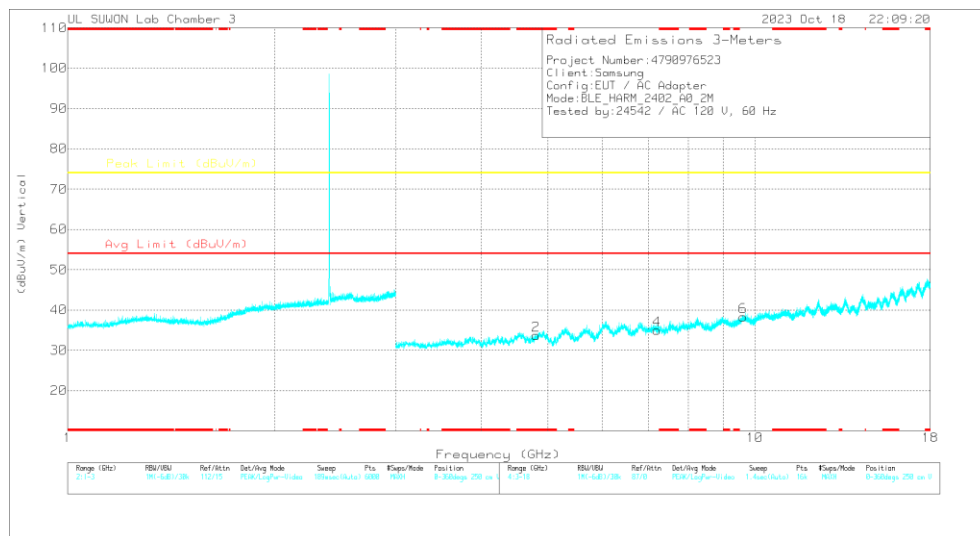
\* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band  
 Pk - Peak detector  
 RMS - RMS detection

# HARMONICS AND SPURIOUS EMISSIONS

## 0 CHANNEL RESULTS



### HORIZONTAL



### VERTICAL

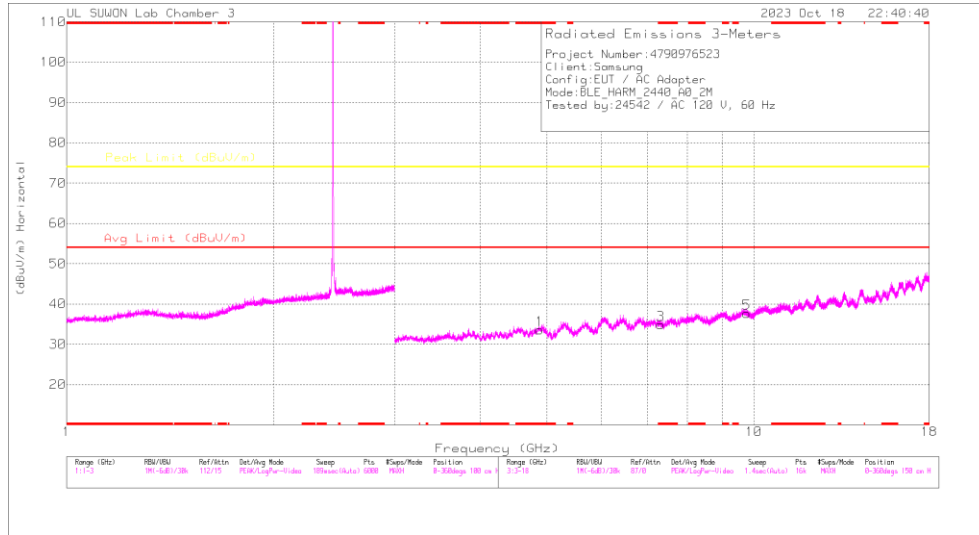
Note: Emission was scanned up to 26GHz; No emissions were detected above the noise floor which was at least 20dB below the specification limit.

### Radiated Emissions

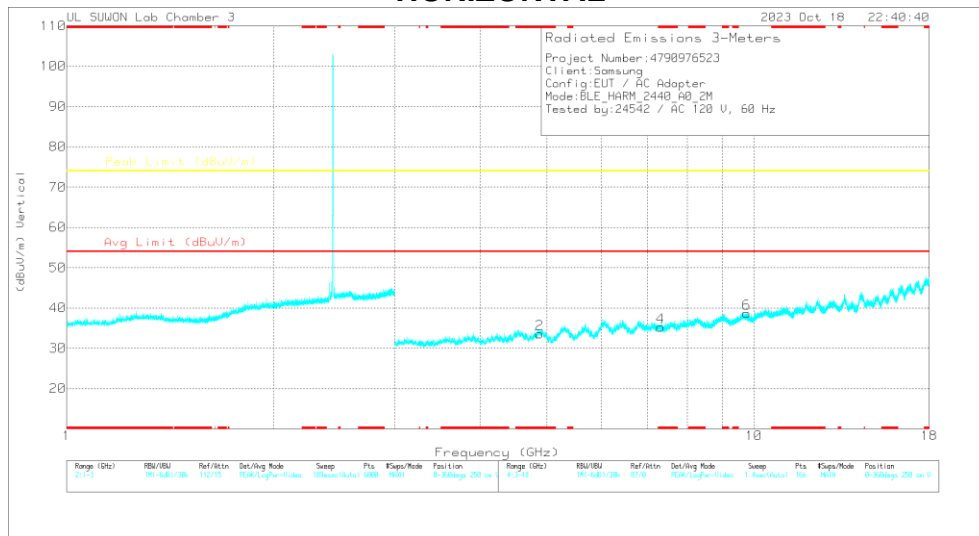
Frequency (GHz)	Meter Reading (dBuV)	Det	Antenna Correction Factor(dB(1/m))	Path Loss(dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
* 4.80517	39.7	PK2	34.3	-30.1	0	43.9	-	-	74	-30.1	0	100	H
* 4.80831	39.49	PK2	34.3	-30	0	43.79	-	-	74	-30.21	0	100	V
7.20374	34.97	PK2	35.8	-25.8	0	44.97	-	-	74	-29.03	0	100	H
7.20528	36.36	PK2	35.8	-25.9	0	46.26	-	-	74	-27.74	176	108	V
9.61189	32.92	PK2	36.7	-21.8	0	47.82	-	-	74	-26.18	0	100	H
9.60825	33.25	PK2	36.7	-21.7	0	48.25	-	-	74	-25.75	0	100	V

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

### 19 CHANNEL RESULTS



### HORIZONTAL



### VERTICAL

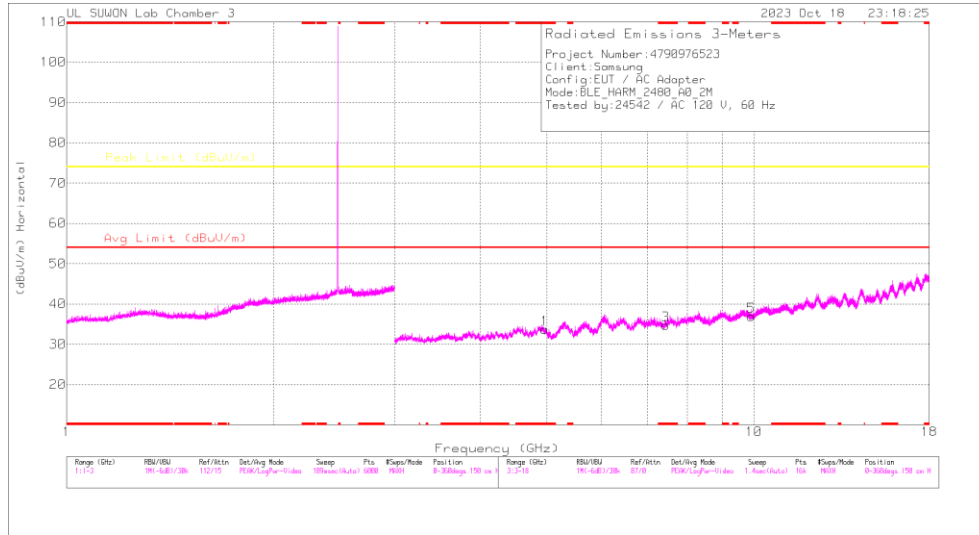
Note: Emission was scanned up to 26GHz; No emissions were detected above the noise floor which was at least 20dB below the specification limit.

### Radiated Emissions

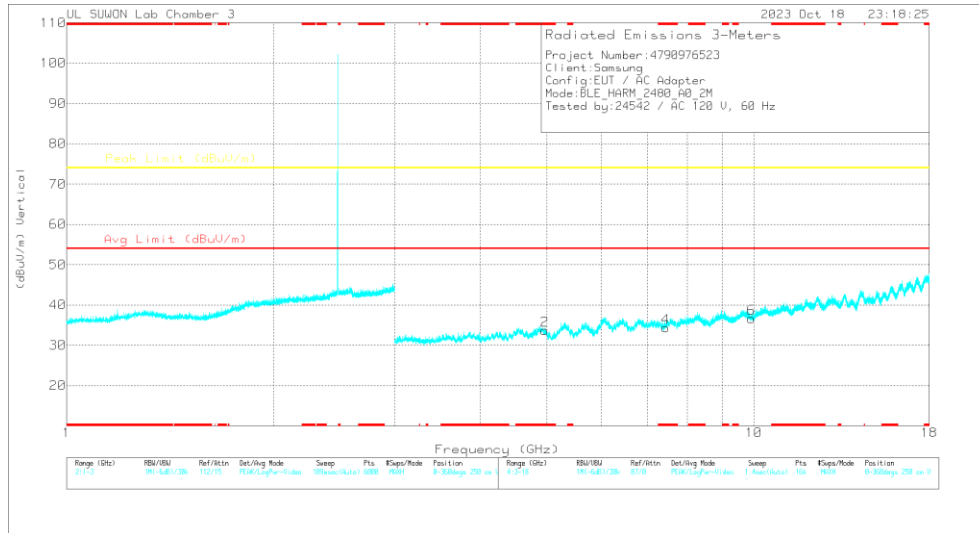
Frequency (GHz)	Meter Reading (dBuV)	Det	Antenna Correction Factor [dB(1/m)]	Path Loss(dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
* 4.87993	40.05	PK2	34.2	-29.9	0	44.35	-	-	74	-29.65	0	100	H
* 4.88047	39.74	PK2	34.2	-29.9	0	44.04	-	-	74	-29.96	0	100	V
* 7.31951	35.82	PK2	35.8	-25.5	0	46.12	-	-	74	-27.88	0	100	H
* 7.31895	38.92	PK2	35.8	-25.4	0	47.32	-	-	74	-26.68	269	100	V
* 7.3188	24.82	MAV1	35.8	-25.4	4.12	39.34	54	-14.66	-	-	269	100	V
9.76474	32.34	PK2	36.9	-21.5	0	47.74	-	-	74	-26.26	0	100	H
9.76046	32.52	PK2	36.9	-21.5	0	47.92	-	-	74	-26.08	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

### 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

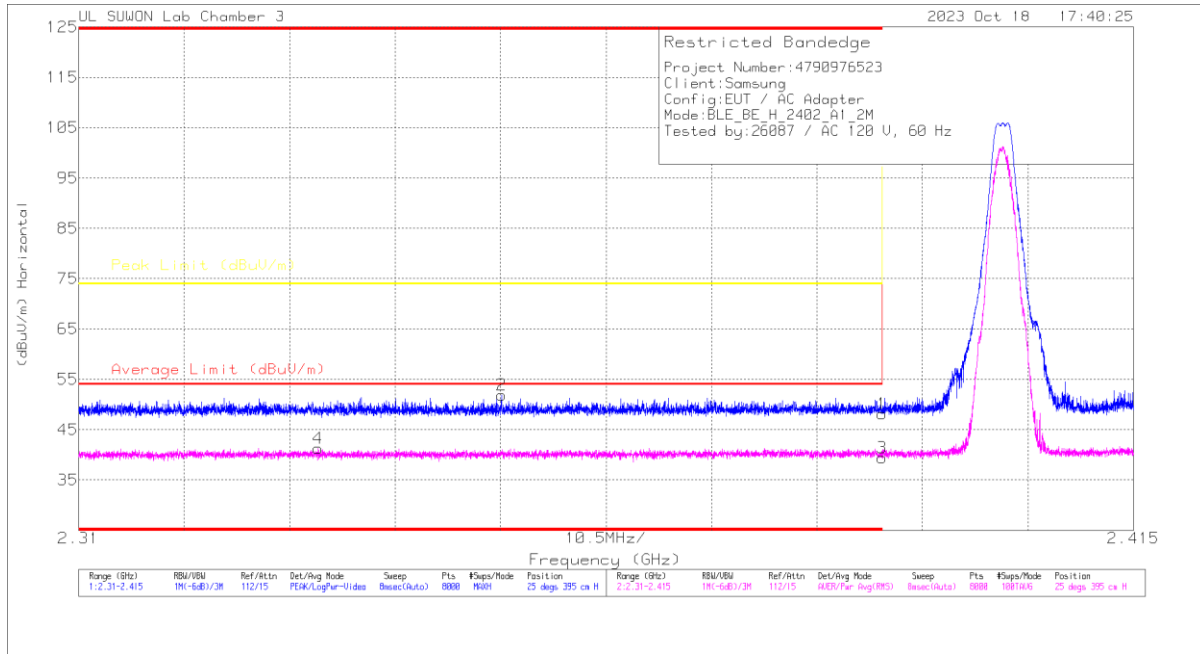
Frequency (GHz)	Meter Reading (dBuV)	Det	Antenna Correction Factor [dB(1/m)]	Path Loss(dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
* 4.95611	39.29	PK2	34.3	-30.1	0	43.49	-	-	74	-30.51	0	100	H
* 4.96285	40.06	PK2	34.3	-30.1	0	44.26	-	-	74	-29.74	0	100	V
* 7.4406	35	PK2	35.7	-25.2	0	45.5	-	-	74	-28.5	0	100	H
* 7.44138	35.47	PK2	35.7	-25.2	0	45.97	-	-	74	-28.03	280	123	V
* 7.44171	23.61	MAv1	35.7	-25.2	-4.12	38.23	54	-15.77	-	-	280	123	V
9.92065	31.74	PK2	37.1	-21.4	0	47.44	-	-	74	-26.56	0	100	H
9.92023	31.16	PK2	37.1	-21.4	0	46.86	-	-	74	-27.14	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

**10.2.5. 2 Mbps ANT2**

**BANDEDGE (0 CHANNEL)**

**HORIZONTAL RESULT**

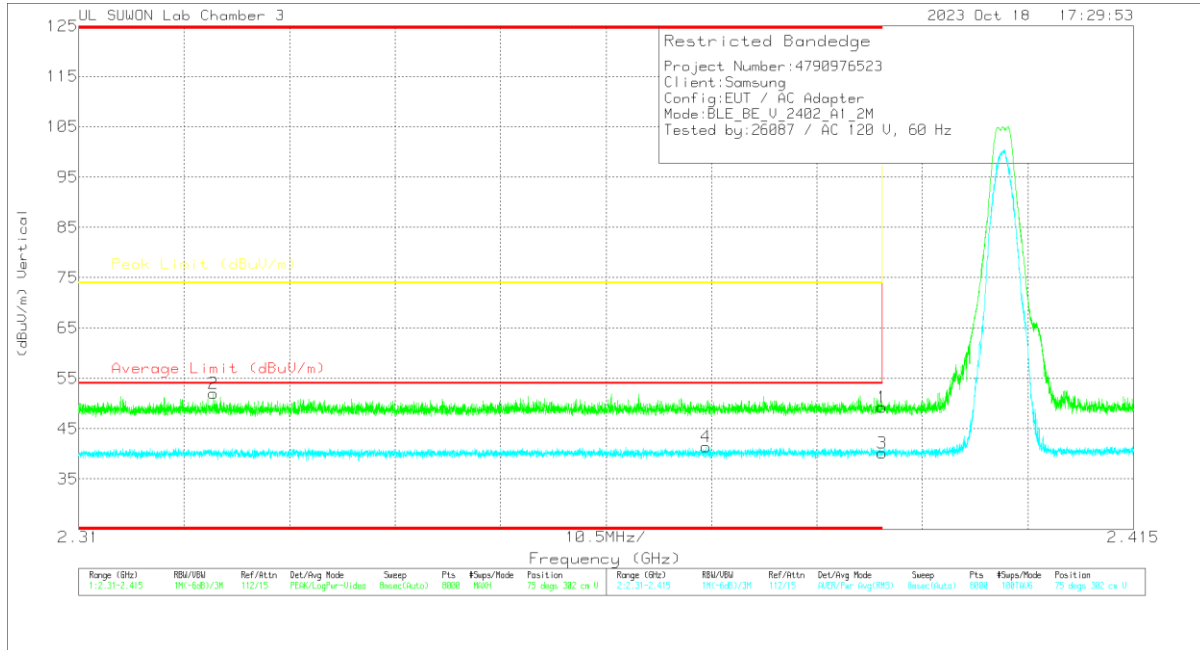


**Trace Markers**

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	40.83	Pk	32.1	-24.8	0	48.13	-	-	74	-25.87	25	395	H
2	* 2.35209	44.7	Pk	32	-24.8	0	51.9	-	-	74	-22.1	25	395	H
3	* 2.39	30.97	RMS	32.1	-24.8	4.12	42.39	54	-11.61	-	-	25	395	H
4	* 2.3338	33.07	RMS	31.9	-24.8	4.12	44.29	54	-9.71	-	-	25	395	H

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

### VERTICAL RESULT



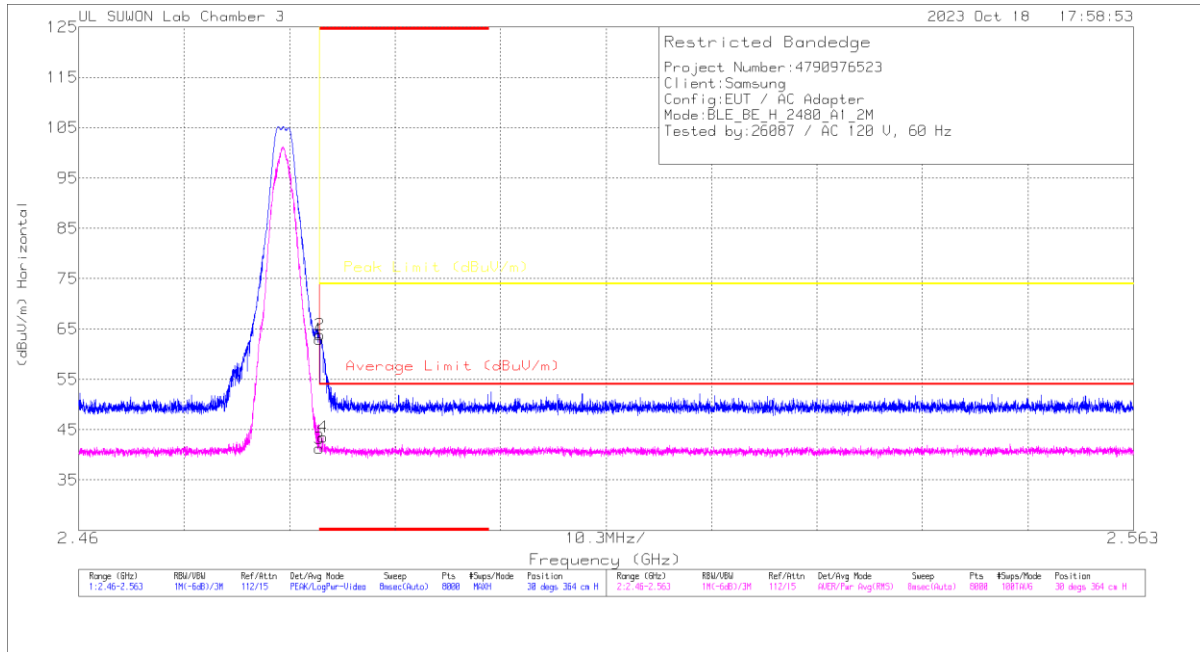
### Trace Markers

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	41.94	Pk	32.1	-24.8	0	49.24	-	-	74	-24.76	75	302	V
2	* 2.32339	44.85	Pk	31.9	-24.8	0	51.95	-	-	74	-22.05	75	302	V
3	* 2.39	31.76	RMS	32.1	-24.8	4.12	43.18	54	-10.82	-	-	75	302	V
4	* 2.37246	33.13	RMS	32	-24.9	4.12	44.35	54	-9.65	-	-	75	302	V

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

**BANDEDGE (39 CHANNEL)**

**HORIZONTAL RESULT**



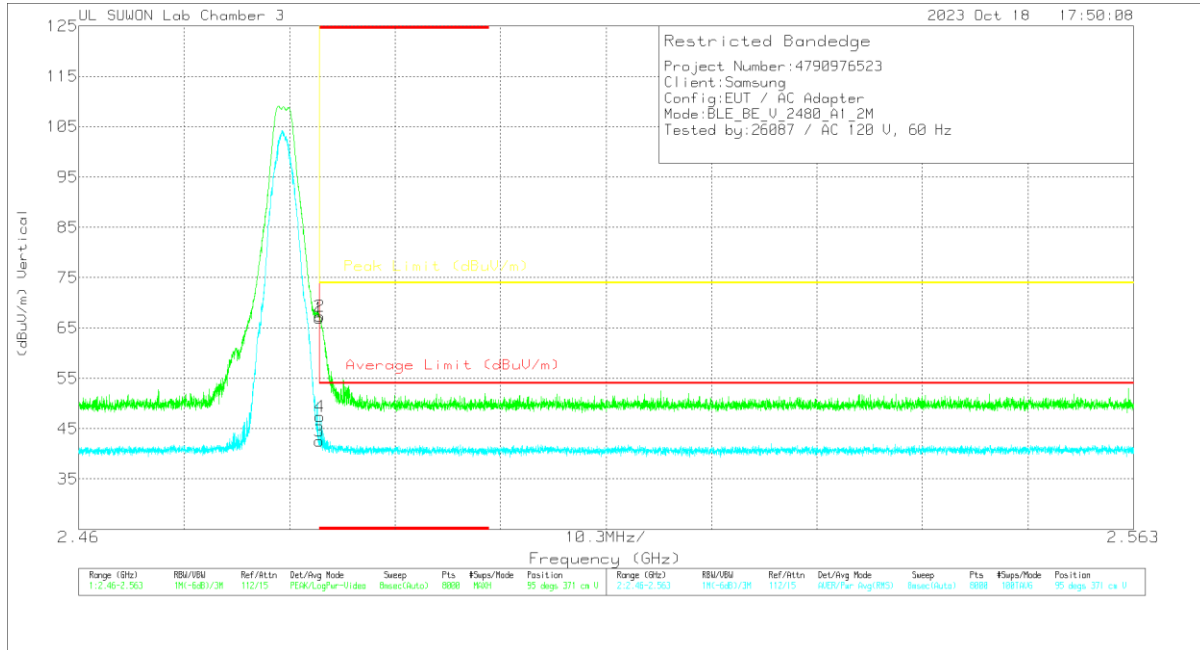
**Trace Markers**

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	Antenna Correction Factor(dB(1mm))	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	55.35	PK	32.4	-24.8	0	62.95	-	-	74	-11.05	30	364	H
2	* 2.48355	56.27	PK	32.4	-24.8	0	63.87	-	-	74	-10.13	30	364	H
3	* 2.4835	32.55	RMS	32.4	-24.8	4.12	44.27	54	-9.73	-	-	30	364	H
4	* 2.48385	34.79	RMS	32.4	-24.8	4.12	46.51	54	-7.49	-	-	30	364	H

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



### VERTICAL RESULT



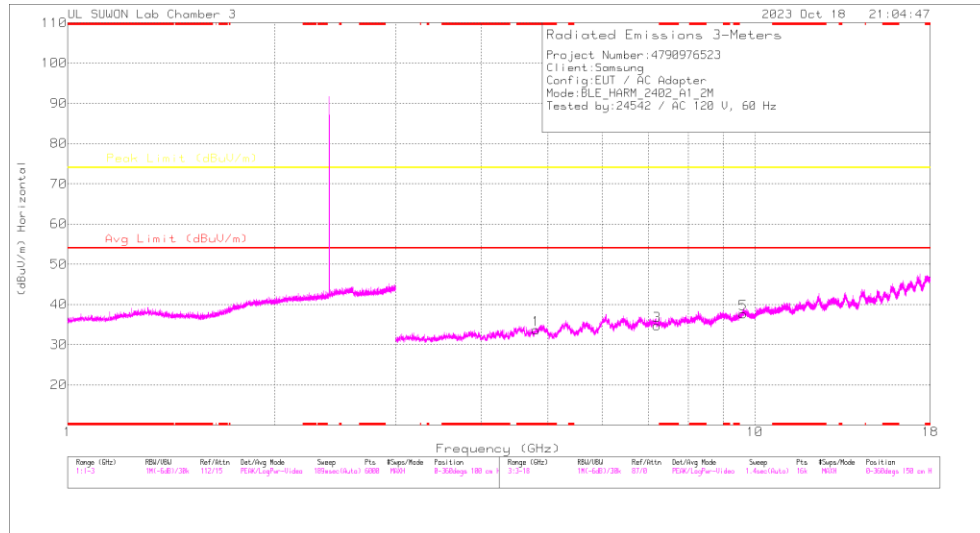
### Trace Markers

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	* 2.4835	59.37	Pk	32.4	-24.8	0	66.97	-	-	74	-7.03	95	371	V
2	* 2.48353	59.7	Pk	32.4	-24.8	0	67.3	-	-	74	-6.7	95	371	V
3	* 2.4835	33.77	RMS	32.4	-24.8	4.12	45.49	54	-8.51	-	-	95	371	V
4	* 2.48354	38.68	RMS	32.4	-24.8	4.12	50.4	54	-3.6	-	-	95	371	V

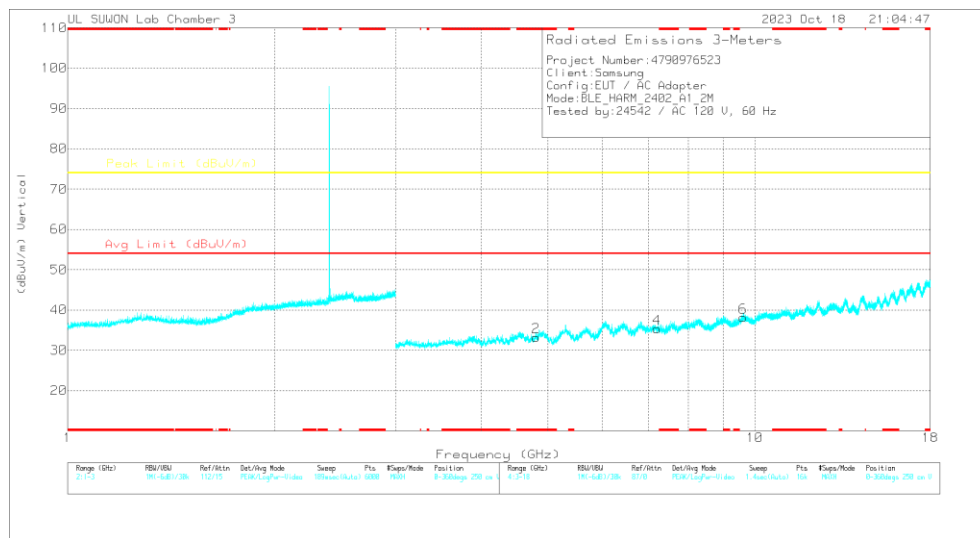
\* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band  
 Pk - Peak detector  
 RMS - RMS detection

# HARMONICS AND SPURIOUS EMISSIONS

## 0 CHANNEL RESULTS



### HORIZONTAL



### VERTICAL

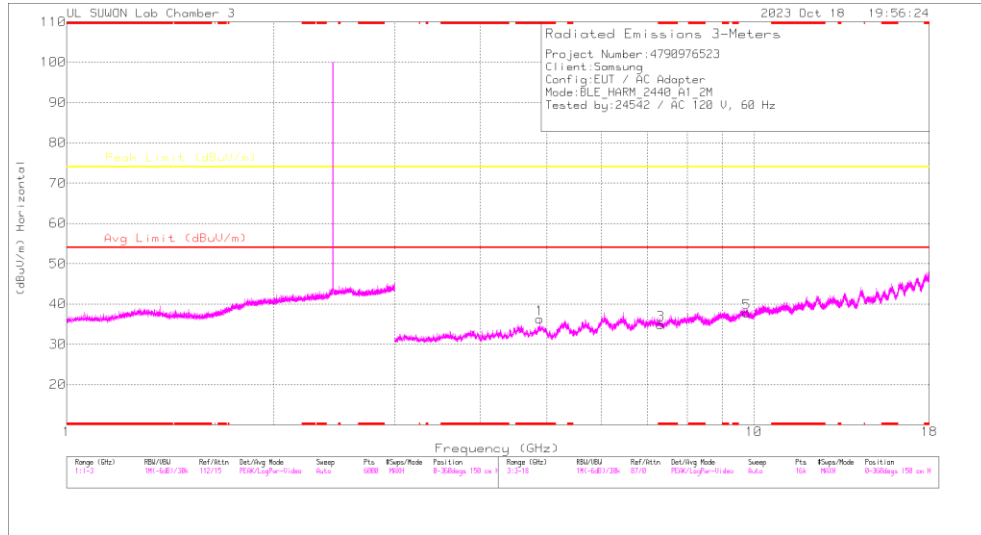
Note: Emission was scanned up to 26GHz; No emissions were detected above the noise floor which was at least 20dB below the specification limit.

### Radiated Emissions

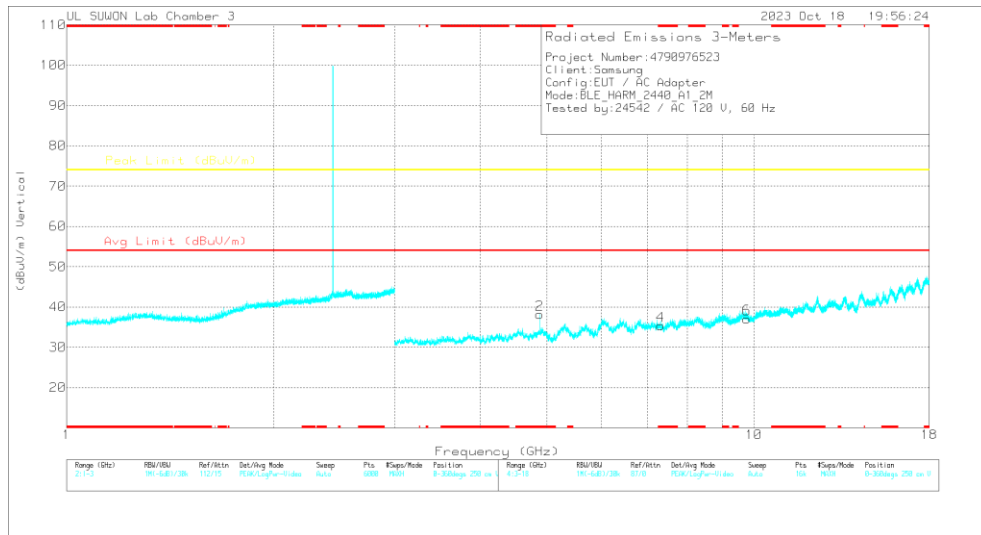
Frequency (GHz)	Meter Reading (dBuV)	Det	Antenna Correction Factor(dB(1/m))	Path Loss(dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
* 4.80322	39.26	PK2	34.3	-30.1	0	43.46	-	-	74	-30.54	0	100	H
* 4.80748	39.35	PK2	34.3	-30	0	43.65	-	-	74	-30.35	0	100	V
7.20627	35.85	PK2	35.8	-25.9	0	45.75	-	-	74	-28.25	0	100	H
7.20635	36.61	PK2	35.8	-25.9	0	46.51	-	-	74	-27.49	334	101	V
9.60772	32.81	PK2	36.7	-21.7	0	47.81	-	-	74	-26.19	0	100	H
9.60393	33.11	PK2	36.7	-21.7	0	48.11	-	-	74	-25.89	0	100	V

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

### 19 CHANNEL RESULTS



### HORIZONTAL



### VERTICAL

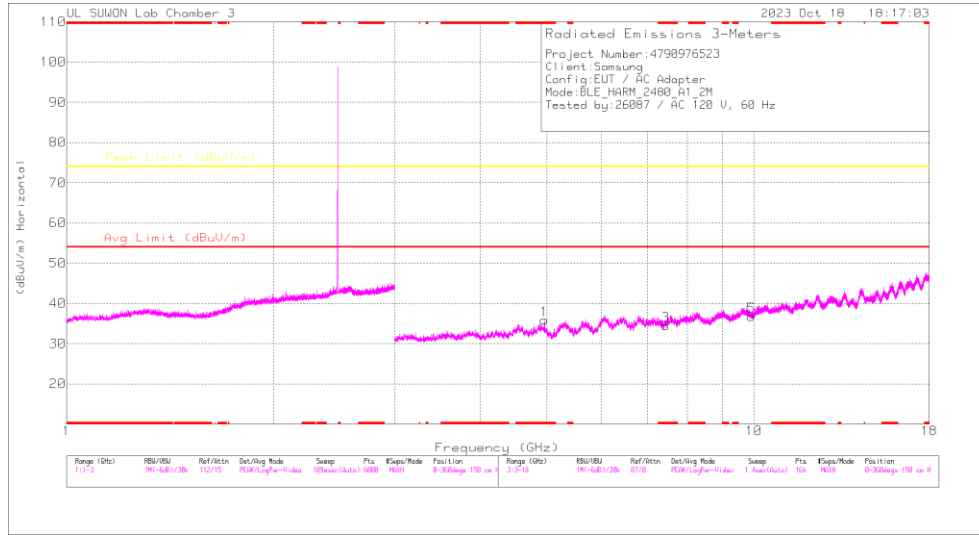
Note: Emission was scanned up to 26GHz; No emissions were detected above the noise floor which was at least 20dB below the specification limit.

### Radiated Emissions

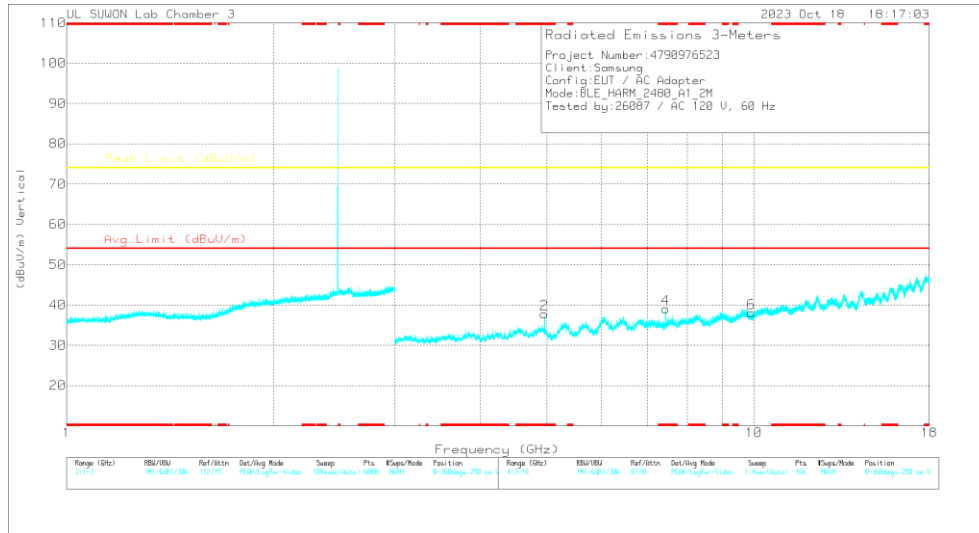
Frequency (GHz)	Meter Reading (dBuV)	Det	Antenna Correction Factor [dB(f/m)]	Path Loss(dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
* 4.87931	40.98	PK2	34.2	-29.9	0	45.28	-	-	74	-28.72	216	112	H
* 4.88087	29.67	MAV1	34.2	-29.9	4.12	38.09	54	-15.91	-	-	216	112	H
* 4.87901	43.24	PK2	34.2	-29.9	0	47.54	-	-	74	-26.46	99	100	V
* 4.87907	32.02	MAV1	34.2	-29.9	4.12	40.44	54	-13.56	-	-	99	100	V
* 7.3155	34.88	PK2	35.8	-25.5	0	45.18	-	-	74	-28.82	0	100	H
* 7.32135	36.4	PK2	35.8	-25.5	0	46.7	-	-	74	-27.3	324	102	V
* 7.3213	24.52	MAV1	35.8	-25.5	4.12	38.94	54	-15.06	-	-	324	102	V
9.76074	32.27	PK2	36.9	-21.5	0	47.67	-	-	74	-26.33	0	100	H
9.76023	32.26	PK2	36.9	-21.5	0	47.66	-	-	74	-26.34	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

### 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

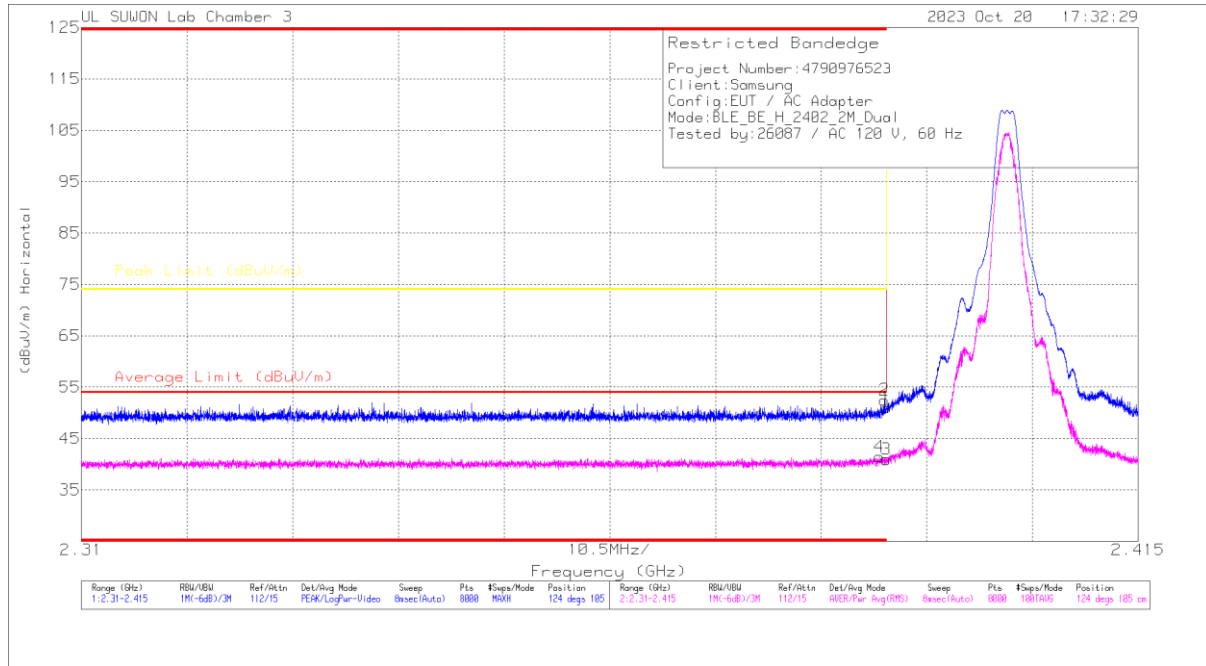
Frequency (GHz)	Meter Reading (dBuV)	Det	Antenna Correction Factor [dB(f/m)]	Path Loss(dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
* 4.95882	42.15	PK2	34.3	-30	0	46.45	-	-	74	-27.55	22	100	H
* 4.95906	29.89	MAV1	34.3	-30	4.12	38.31	54	-15.69	-	-	22	100	H
* 4.95908	43.03	PK2	34.3	-30	0	47.33	-	-	74	-26.67	89	101	V
* 4.959	31.85	MAV1	34.3	-30	4.12	40.37	54	-13.63	-	-	89	101	V
* 7.43847	35.49	PK2	35.7	-25.2	0	45.99	-	-	74	-28.01	0	100	H
* 7.43842	37.46	PK2	35.7	-25.2	0	47.96	-	-	74	-26.04	326	108	V
* 7.4385	25.79	MAV1	35.7	-25.2	4.12	40.41	54	-13.59	-	-	326	108	V
9.92122	31.6	PK2	37.1	-21.3	0	47.4	-	-	74	-26.6	0	100	H
9.92103	31.92	PK2	37.1	-21.3	0	47.72	-	-	74	-26.28	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

**10.2.6. 2 Mbps DUAL**

**BANDEDGE (0 CHANNEL)**

**HORIZONTAL RESULT**



**Trace Markers**

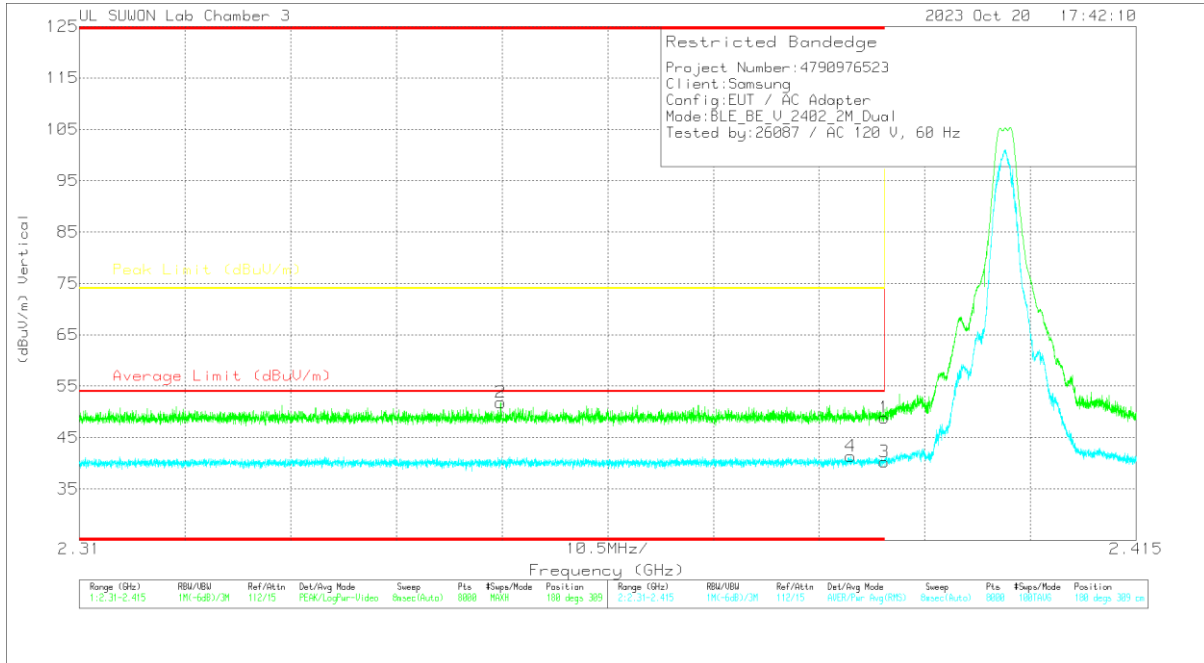
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	Antenna Correction Factor(dB(1mm))	Path Loss(dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.39	43.74	PK	32.1	-24.8	0	51.04	-	-	74	-22.96	124	105	H
2	* 2.38977	45.19	PK	32.1	-24.8	0	52.49	-	-	74	-21.51	124	105	H
3	* 2.39	32.51	RMS	32.1	-24.8	4.12	43.33	54	-10.07	-	-	124	105	H
4	* 2.38927	33.01	RMS	32.1	-24.8	4.12	44.43	54	-9.57	-	-	124	105	H

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

PK - Peak detector

RMS - RMS detection

### VERTICAL RESULT



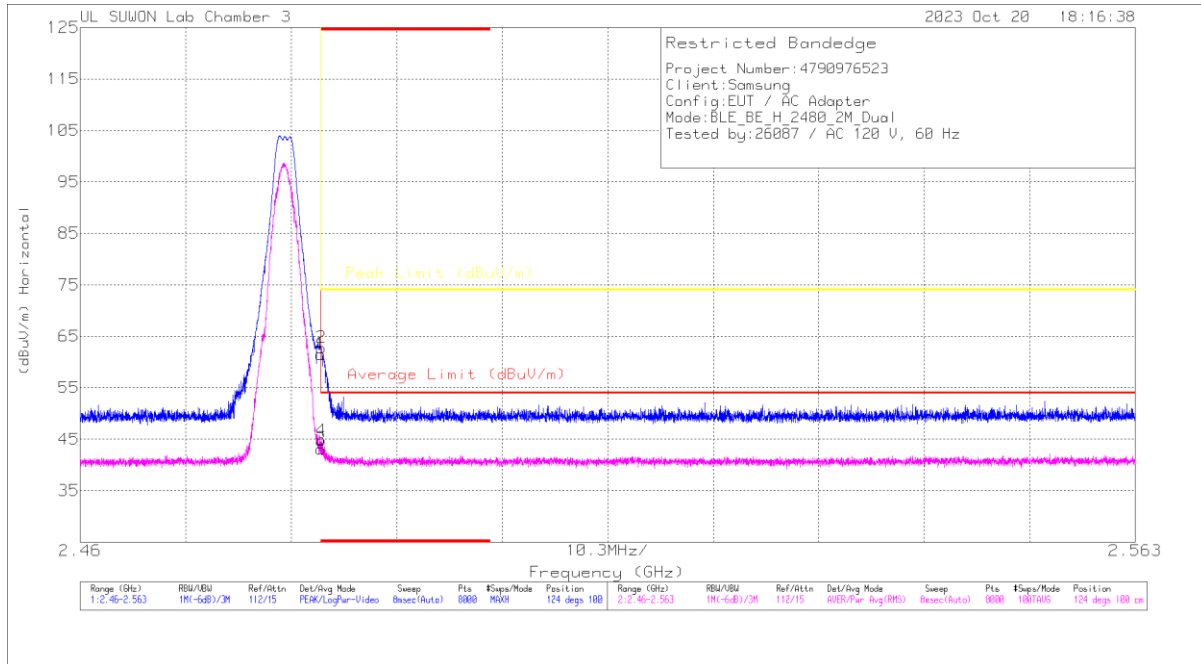
### Trace Markers

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	41.6	Pk	32.1	-24.8	0	48.9	-	-	74	-25.1	180	309	V
2	* 2.35186	44.63	Pk	32	-24.8	0	51.83	-	-	74	-22.17	180	309	V
3	* 2.39	31.83	RMS	32.1	-24.8	4.12	43.25	54	-10.75	-	-	180	309	V
4	* 2.38664	32.92	RMS	32.1	-24.8	4.12	44.34	54	-9.66	-	-	180	309	V

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

**BANDEDGE (39 CHANNEL)**

**HORIZONTAL RESULT**

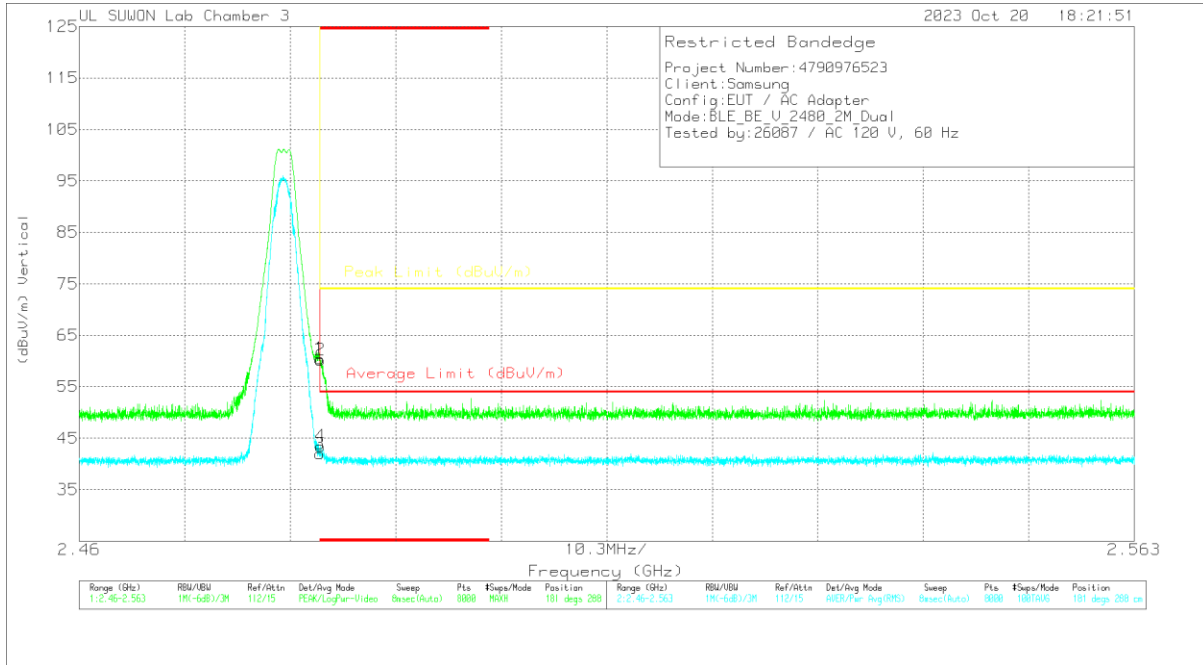


**Trace Markers**

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 (m)	Polarity
1	* 2.4835	53.89	PK	32.4	-24.8	0	61.49	-	-	74	-12.51	124	100	H
2	* 2.48354	35.21	PK	32.4	-24.8	0	62.81	-	-	74	-11.19	124	100	H
3	* 2.4835	34.29	RMS	32.4	-24.8	4.12	46.01	54	-7.99	-	-	124	100	H
4	* 2.48356	36.03	RMS	32.4	-24.8	4.12	47.75	54	-6.25	-	-	124	100	H

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

### VERTICAL RESULT



### Trace Markers

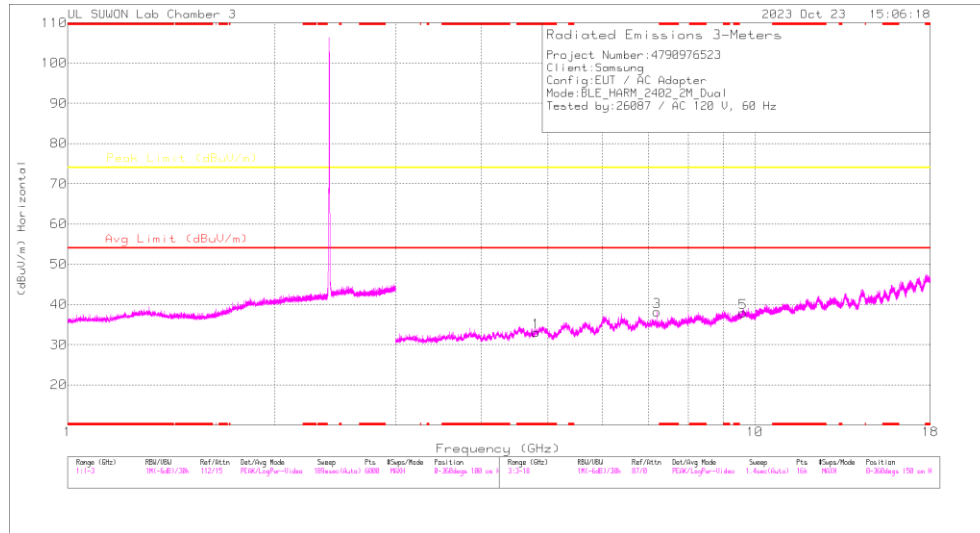
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	Antenna Correction Factor(dB(1m))	Path Loss(dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Pk Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.4835	52.87	Pk	32.4	-24.8	0	60.47	-	-	74	-13.53	181	288	V
2	* 2.48353	52.63	Pk	32.4	-24.8	0	60.23	-	-	74	-13.77	181	288	V
3	* 2.4835	33.22	RMS	32.4	-24.8	4.12	44.94	54	-9.06	-	-	181	288	V
4	* 2.48354	34.71	RMS	32.4	-24.8	4.12	46.43	54	-7.57	-	-	181	288	V

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

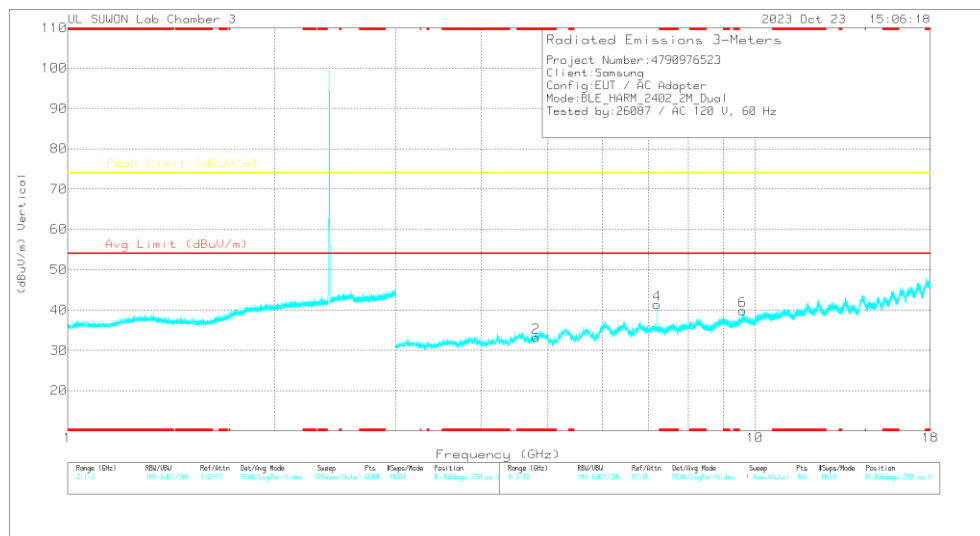


# HARMONICS AND SPURIOUS EMISSIONS

## 0 CHANNEL RESULTS



### HORIZONTAL



### VERTICAL

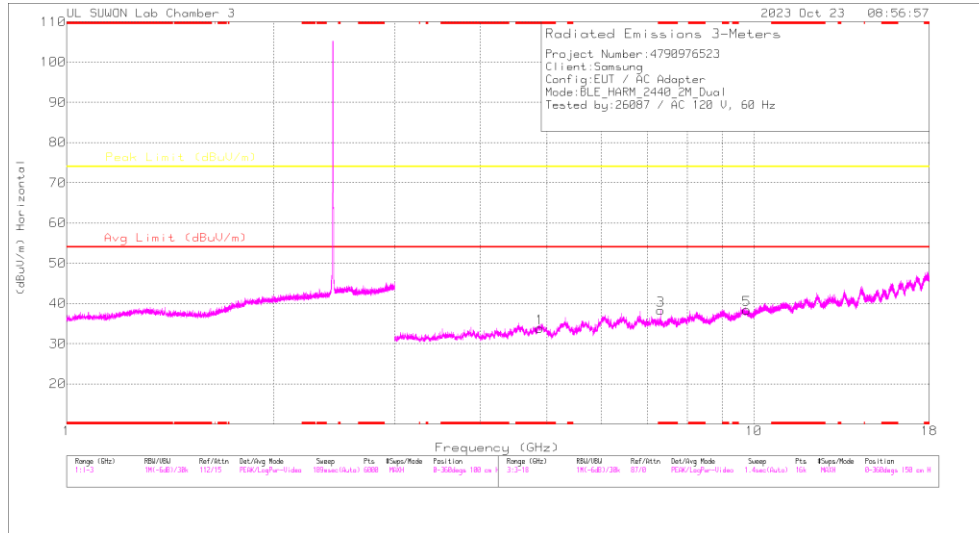
Note: Emission was scanned up to 26GHz; No emissions were detected above the noise floor which was at least 20dB below the specification limit.

### Radiated Emissions

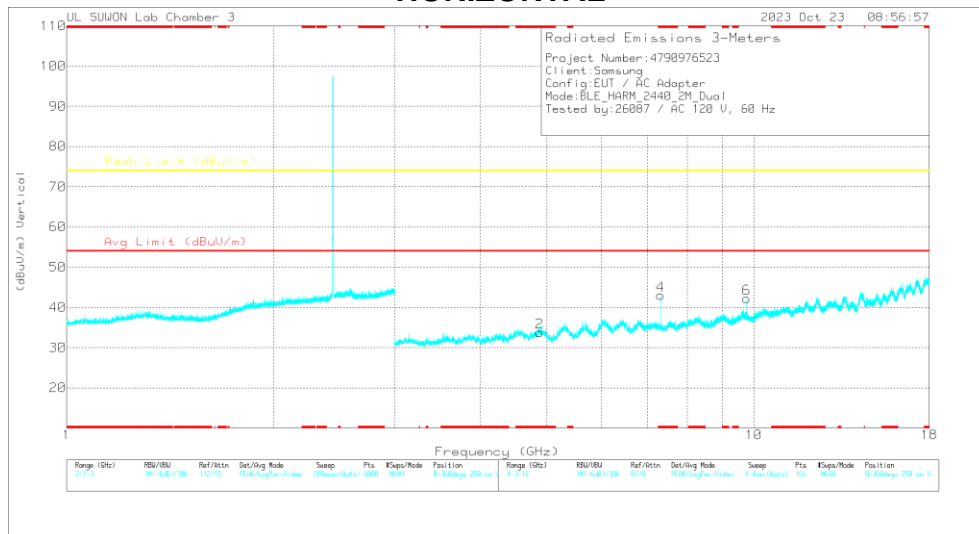
Frequency (GHz)	Meter Reading (dBuV)	Det	Antenna Correction Factor(dB(1/m))	Path Loss(dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
* 4.80473	39.33	PK2	34.3	-30.1	0	43.53	-	-	74	-30.47	0	100	H
* 4.80526	39.04	PK2	34.3	-30.1	0	43.24	-	-	74	-30.76	0	100	V
7.20449	38.45	PK2	35.8	-25.9	0	48.35	-	-	74	-25.65	137	100	H
7.20448	41.53	PK2	35.8	-25.9	0	51.43	-	-	74	-22.57	340	100	V
9.60979	33.6	PK2	36.7	-21.7	0	48.6	-	-	74	-25.4	0	100	H
9.60793	38.15	PK2	36.7	-21.7	0	53.15	-	-	74	-20.85	92	101	V

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

### 19 CHANNEL RESULTS



### HORIZONTAL



### VERTICAL

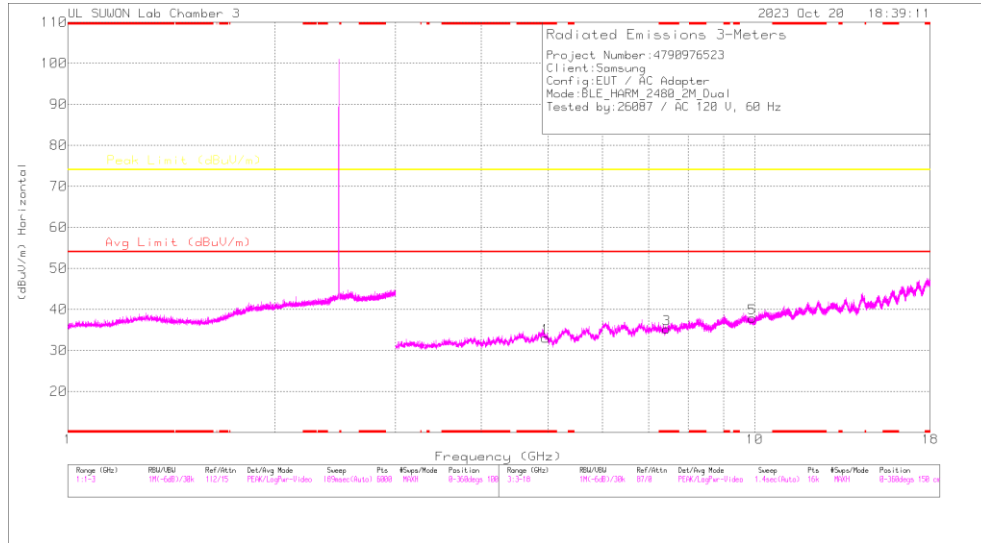
Note: Emission was scanned up to 26GHz; No emissions were detected above the noise floor which was at least 20dB below the specification limit.

### Radiated Emissions

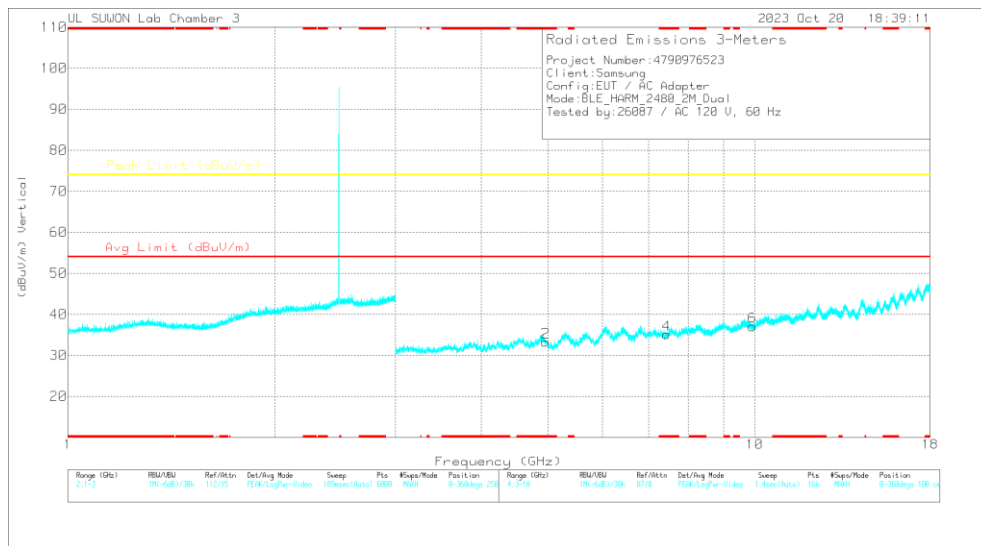
Frequency (GHz)	Meter Reading (dBuV)	Det	Antenna Correction Factor [dB(1/m)]	Path Loss(dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
* 4.88059	39.88	PK2	34.2	-29.9	0	44.18	-	-	74	-29.82	1	100	H
* 4.88182	40.2	PK2	34.2	-30	0	44.4	-	-	74	-29.6	0	100	V
* 7.31989	38.33	PK2	35.8	-25.5	0	48.63	-	-	74	-25.37	0	110	H
* 7.3198	28.74	MAV1	35.8	-25.4	4.12	41.26	54	-12.74	-	-	0	110	H
* 7.3185	41.39	PK2	35.8	-25.4	0	51.79	-	-	74	-22.21	169	100	V
* 7.31873	30.48	MAV1	35.8	-25.4	4.12	45	54	-9	-	-	169	100	V
9.75976	33.01	PK2	36.9	-21.5	0	48.41	-	-	74	-25.59	132	364	H
9.7598	37.53	PK2	36.9	-21.5	0	52.93	-	-	74	-21.07	89	105	V

\* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band  
 PK2 - KDB558074 Method: Maximum Peak  
 MAV1 - KDB558074 Option 1 Maximum RMS Average

### 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.

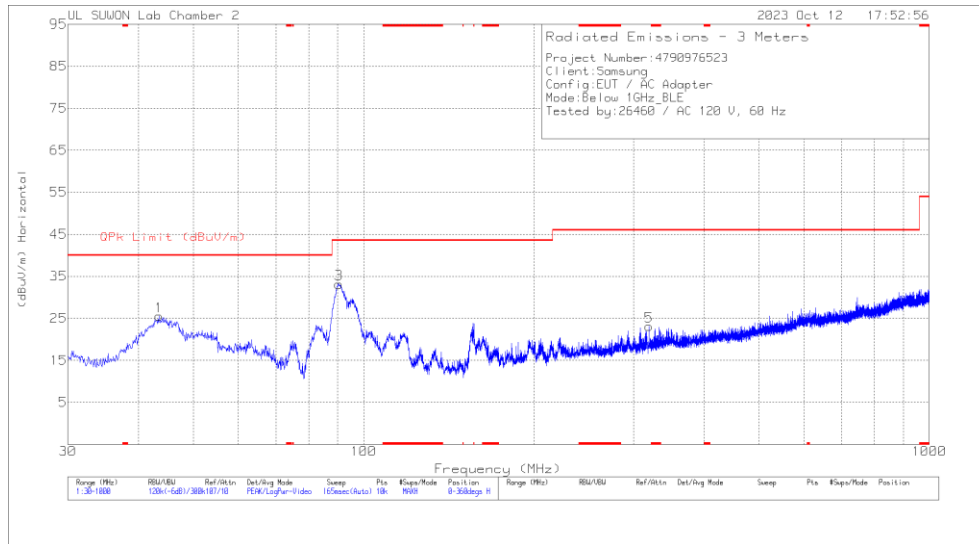
### Radiated Emissions

Frequency (GHz)	Meter Reading (dBuV)	Det	Antenna Correction Factor(dB(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
* 4.96024	39.36	PK2	34.3	-30	0	43.66	-	-	74	-30.34	0	100	H
* 4.96039	39.18	PK2	34.3	-30	0	43.48	-	-	74	-30.52	0	100	V
* 7.44035	35.26	PK2	35.7	-25.2	0	45.76	-	-	74	-28.24	0	100	H
* 7.44042	35.09	PK2	35.7	-25.2	0	45.59	-	-	74	-28.41	0	100	V
9.92014	31.34	PK2	37.1	-21.4	0	47.04	-	-	74	-26.96	0	100	H
9.92026	31.69	PK2	37.1	-21.4	0	47.39	-	-	74	-26.61	0	100	V

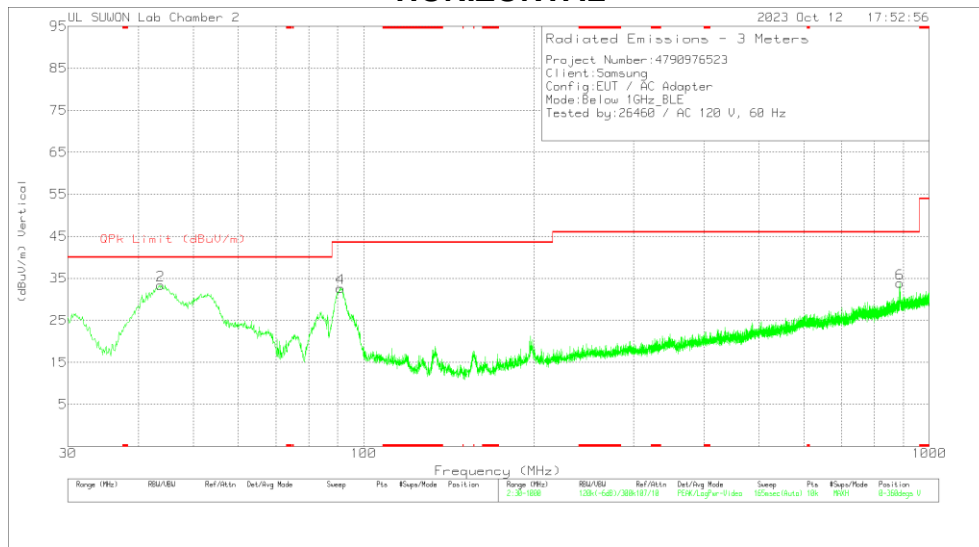
\* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band  
 PK2 - KDB558074 Method: Maximum Peak

### 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	43.483	37.73	Pk	19.6	-31.8	0	25.53	40	-14.47	0-360	200	H
3	90.431	48.48	Pk	16	-31.3	0	33.18	43.52	-10.34	0-360	100	H
5	319.545	33.62	Pk	19.5	-30	0	23.12	46.02	-22.9	0-360	100	H
2	43.774	45.48	Pk	19.7	-31.8	0	33.38	40	-6.62	0-360	100	V
4	91.013	47.79	Pk	16.1	-31.2	0	32.69	43.52	-10.83	0-360	100	V
6	888.062	34.13	Pk	27.5	-27.8	0	33.83	46.02	-12.19	0-360	100	V

Pk - Peak detector

#### Radiated Emissions

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
43.774	42.94	Qp	19.7	-31.8	2.87	33.71	40	-6.29	268	100	V

Qp - Quasi-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.

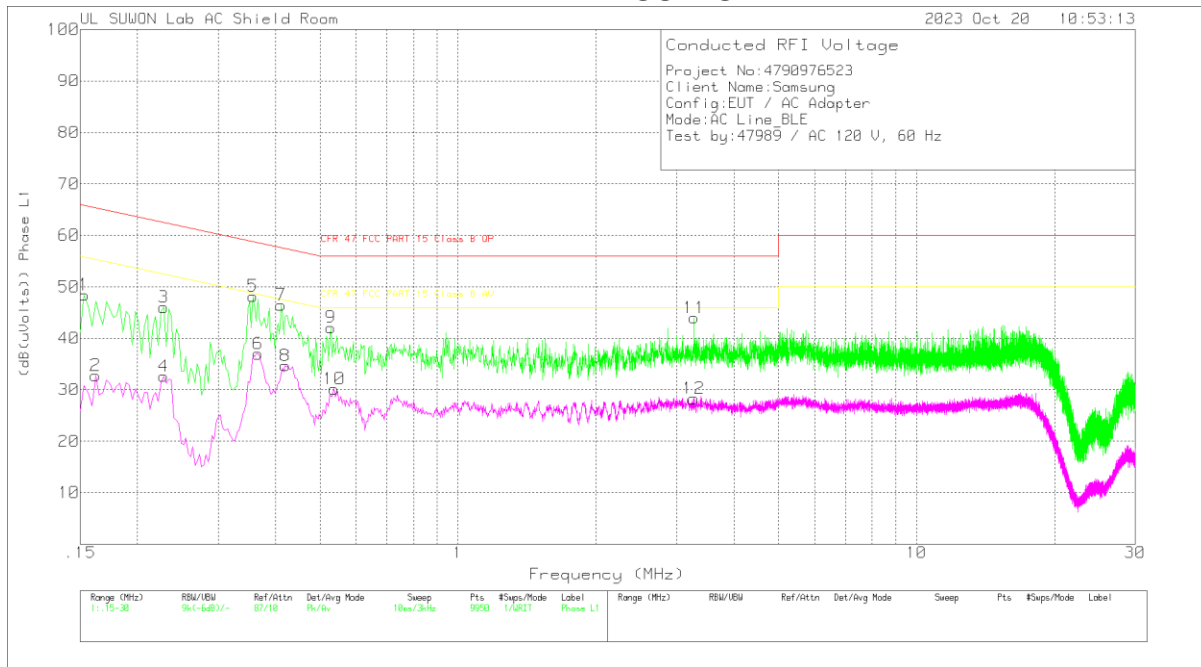
The receiver is set to a resolution bandwidth of 9 kHz. Peak detection is used unless otherwise noted as quasi-peak or average.

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

### RESULTS

### 11.1. AC Power Line

#### LINE 1 RESULTS



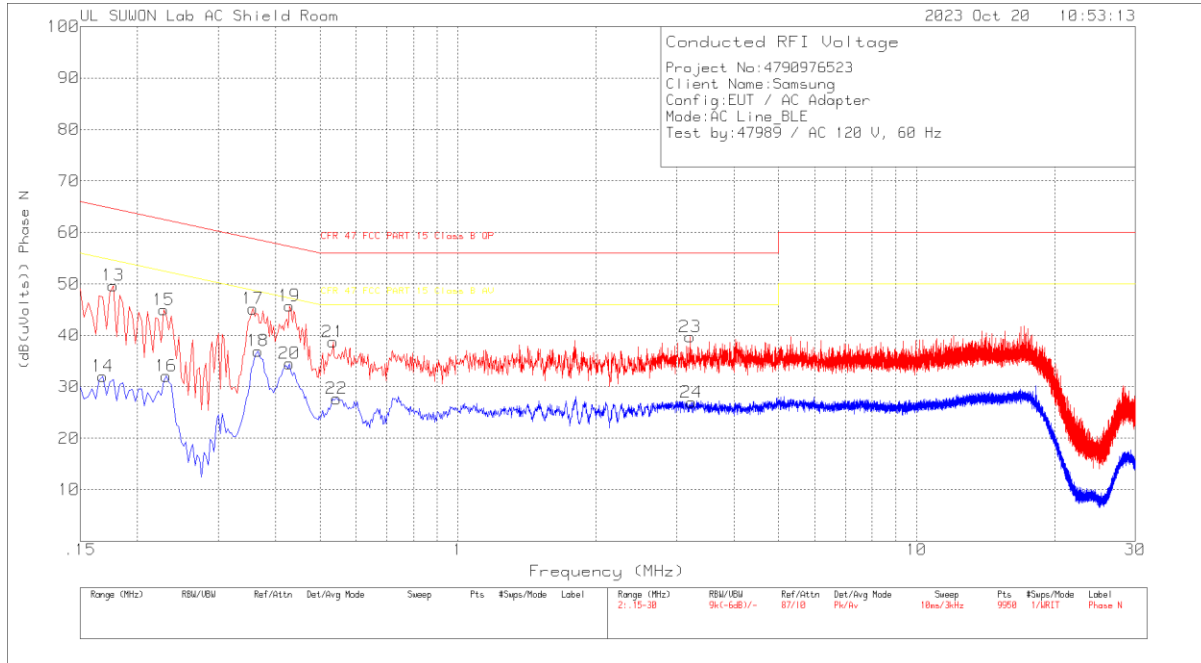
#### Trace Markers

Range 1: Phase L1 .15 - 30MHz

Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	101836_AU TO_With EX_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	.153	38.84	Pk	9.5	.1	48.44	65.84	-17.4	-	-
2	.162	23.17	Av	9.5	.1	32.77	-	-	55.36	-22.59
3	.228	36.32	Pk	9.5	.2	46.02	62.52	-16.5	-	-
4	.228	22.89	Av	9.5	.2	32.59	-	-	52.52	-19.93
5	.357	38.49	Pk	9.5	.2	48.19	58.8	-10.61	-	-
6	.366	27.27	Av	9.5	.2	36.97	-	-	48.59	-11.62
7	.411	36.76	Pk	9.5	.2	46.46	57.63	-11.17	-	-
8	.42	24.99	Av	9.5	.2	34.69	-	-	47.45	-12.76
9	.528	32.29	Pk	9.6	.2	42.09	56	-13.91	-	-
10	.537	20.34	Av	9.6	.2	30.14	-	-	46	-15.86
11	3.276	34.06	Pk	9.6	.3	43.96	56	-12.04	-	-
12	3.267	18.4	Av	9.6	.3	28.3	-	-	46	-17.7

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_AU TO_With EX_N[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)
13	.177	39.97	Pk	9.5	.2	49.67	64.63	-14.96	-	-
14	.168	22.43	Av	9.5	.1	32.03	-	-	55.06	-23.03
15	.228	35.25	Pk	9.5	.2	44.95	62.52	-17.57	-	-
16	.231	22.38	Av	9.5	.2	32.08	-	-	52.41	-20.33
17	.357	35.48	Pk	9.5	.2	45.18	58.8	-13.62	-	-
18	.366	27.26	Av	9.5	.2	36.96	-	-	48.59	-11.63
19	.429	36.01	Pk	9.5	.2	45.71	57.27	-11.56	-	-
20	.429	24.82	Av	9.5	.2	34.52	-	-	47.27	-12.75
21	.534	28.91	Pk	9.6	.2	38.71	56	-17.29	-	-
22	.543	17.89	Av	9.6	.2	27.69	-	-	46	-18.31
23	3.207	29.79	Pk	9.6	.3	39.69	56	-16.31	-	-
24	3.228	17.08	Av	9.6	.3	26.98	-	-	46	-19.02

Pk - Peak detector  
 Av - Average detection

## END OF TEST REPORT