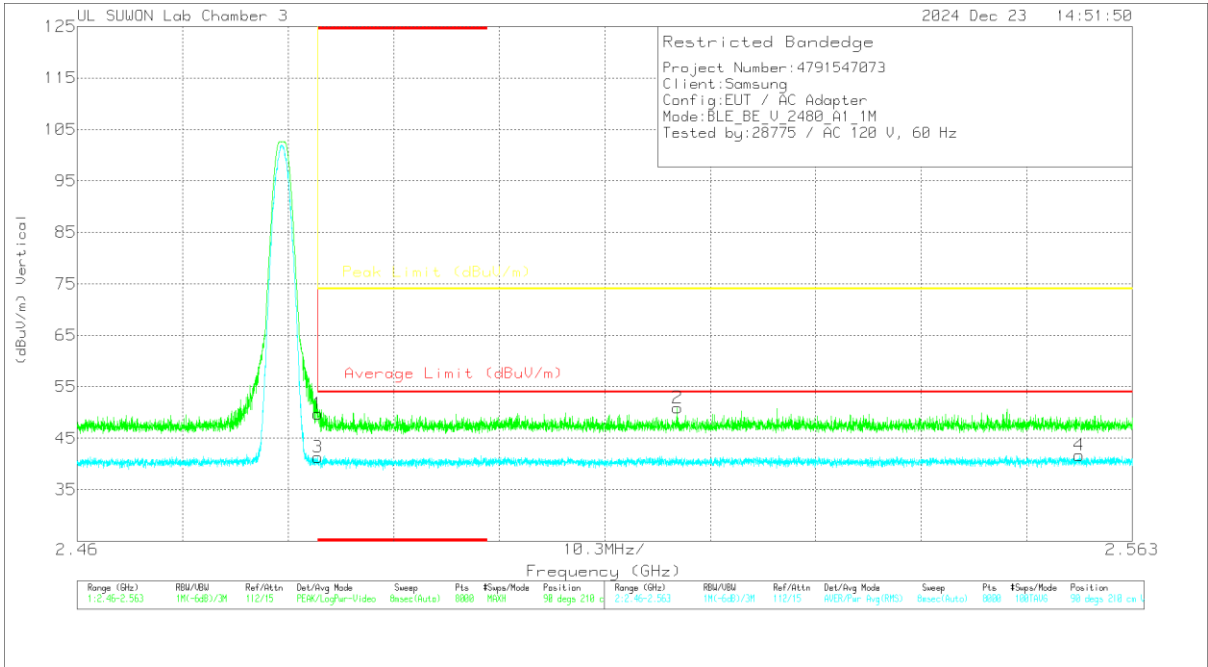


VERTICAL RESULT



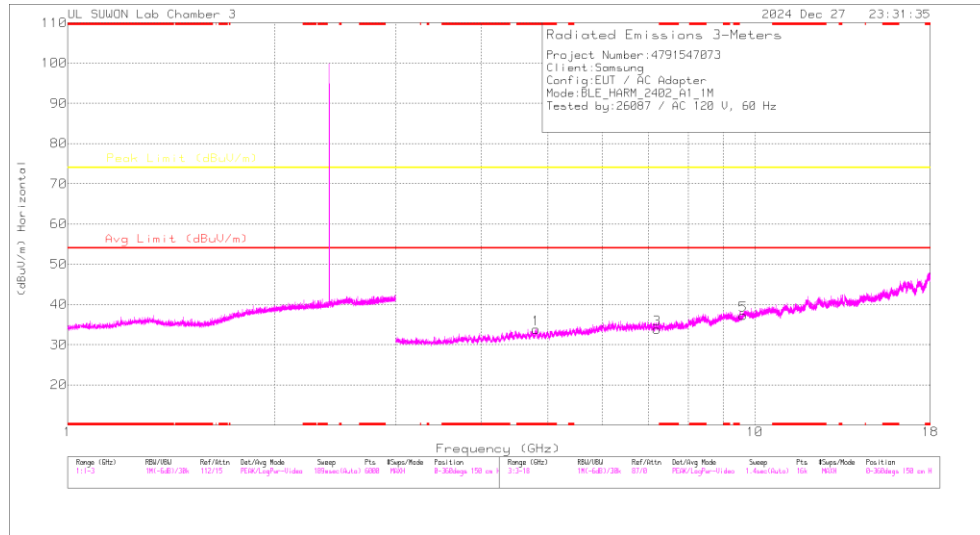
Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	Antenna, 90° Factor (dBm)	10dB_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	42.25	Pk	32.4	-24.9	0	49.75	-	-	74	-24.25	90	210	V
2	2.5186	43.32	Pk	32.4	-24.8	0	50.92	-	-	74	-23.08	90	210	V
3	* 2.4835	30.96	RMS	32.4	-24.9	2.85	41.31	54	-12.69	-	-	90	210	V
4	2.55781	31.22	RMS	32.4	-24.8	2.85	41.67	54	-12.33	-	-	90	210	V

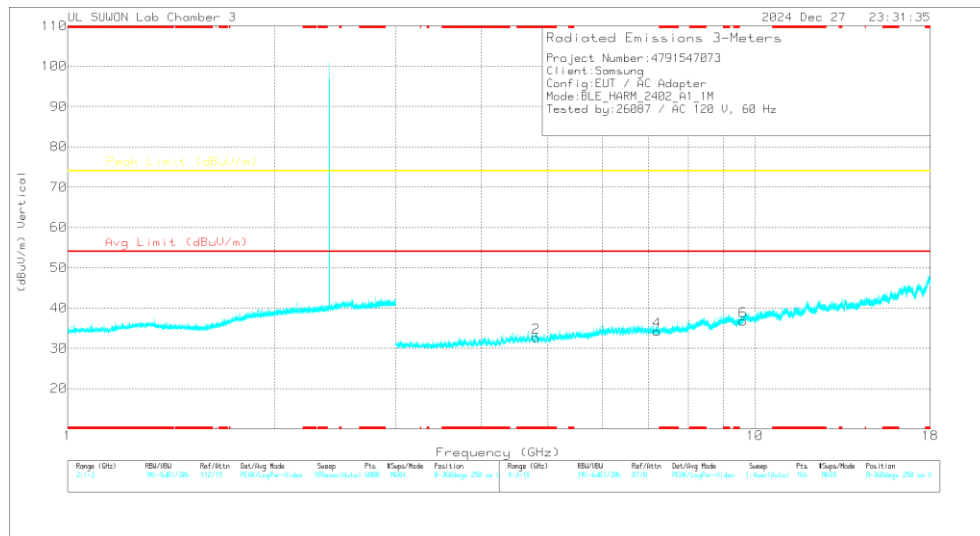
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band
Pk - Peak detector
RMS - RMS detection

HARMONICS AND SPURIOUS EMISSIONS

37 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

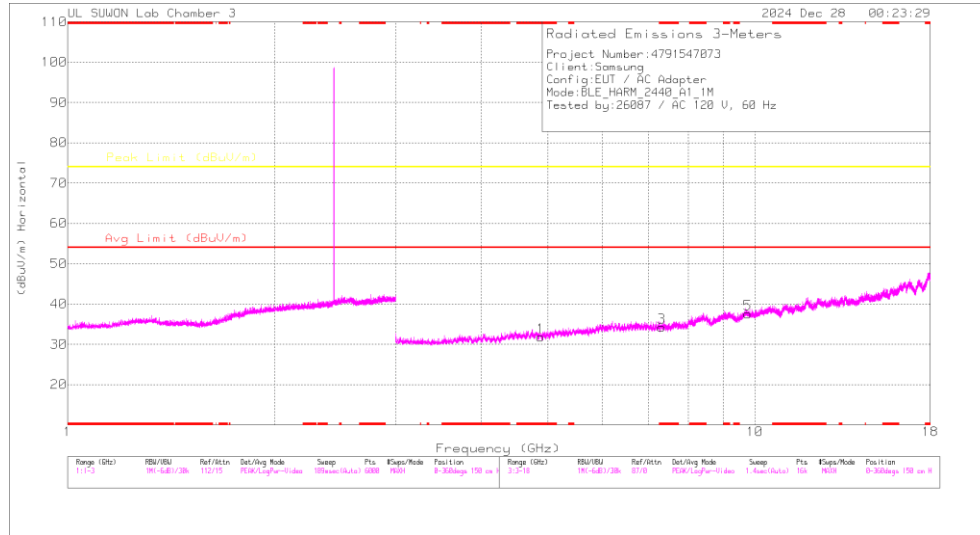
Frequency (GHz)	Meter Reading (dBuV)	Det	Antenna_957_Factor(dB/m)	3GHz_HP_Pat h Loss(dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
* 4.80422	38.79	PK2	34.3	-29.8	0	43.29	-	-	74	-30.71	238	113	H
* 4.80353	27.61	MAV1	34.3	-29.8	2.85	34.96	54	-19.04	-	-	238	113	H
* 4.80426	38.62	PK2	34.3	-29.8	0	43.12	-	-	74	-30.88	239	115	V
* 4.80359	27.54	MAV1	34.3	-29.8	2.85	34.89	54	-19.11	-	-	239	115	V
7.20977	34.09	PK2	35.8	-25.8	0	44.09	-	-	74	-29.91	0	100	H
7.20632	34.63	PK2	35.8	-25.7	0	44.73	-	-	74	-29.27	0	100	V
9.60458	31.58	PK2	36.7	-21.7	0	46.58	-	-	74	-27.42	0	100	H
9.60838	32.19	PK2	36.7	-21.7	0	47.19	-	-	74	-26.81	0	100	V

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

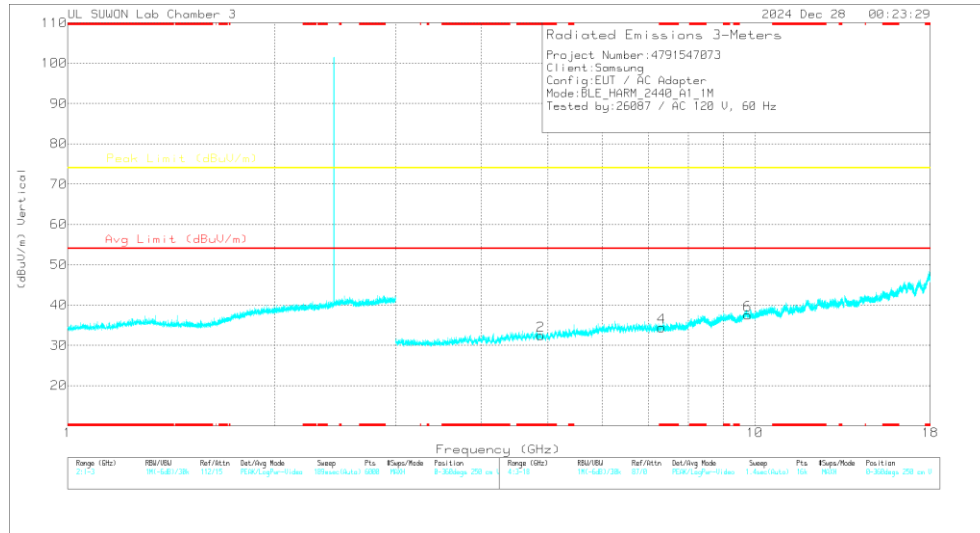
PK2 - KDB558074 Method: Maximum Peak

MAV1 - KDB558074 Option 1 Maximum RMS Average

17 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

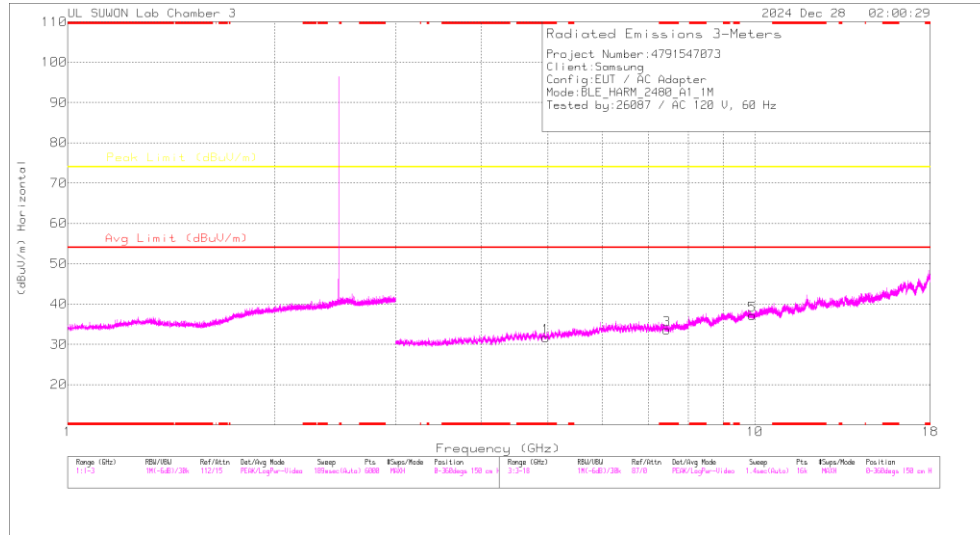
Frequency (GHz)	Meter Reading (dBuV)	Det	Antenna_957_Factor(dB/m)	3GHz_HP_Pat h Loss(dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
* 4.87957	39.06	PK2	34.2	-30.5	0	42.76	-	-	74	-31.24	235	101	H
* 4.88477	27.16	MAV1	34.2	-30.6	2.85	33.61	54	-20.39	-	-	235	101	H
* 4.87964	38.9	PK2	34.2	-30.5	0	42.6	-	-	74	-31.4	189	137	V
* 4.88017	27.23	MAV1	34.2	-30.5	2.85	33.78	54	-20.22	-	-	189	137	V
* 7.3185	33.94	PK2	35.8	-25.2	0	44.54	-	-	74	-29.46	0	100	H
* 7.32232	34.26	PK2	35.8	-25	0	45.06	-	-	74	-28.94	0	100	V
9.75611	32.03	PK2	36.9	-21.3	0	47.63	-	-	74	-26.37	0	100	H
9.75808	31.67	PK2	36.9	-21.3	0	47.27	-	-	74	-26.73	0	100	V

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

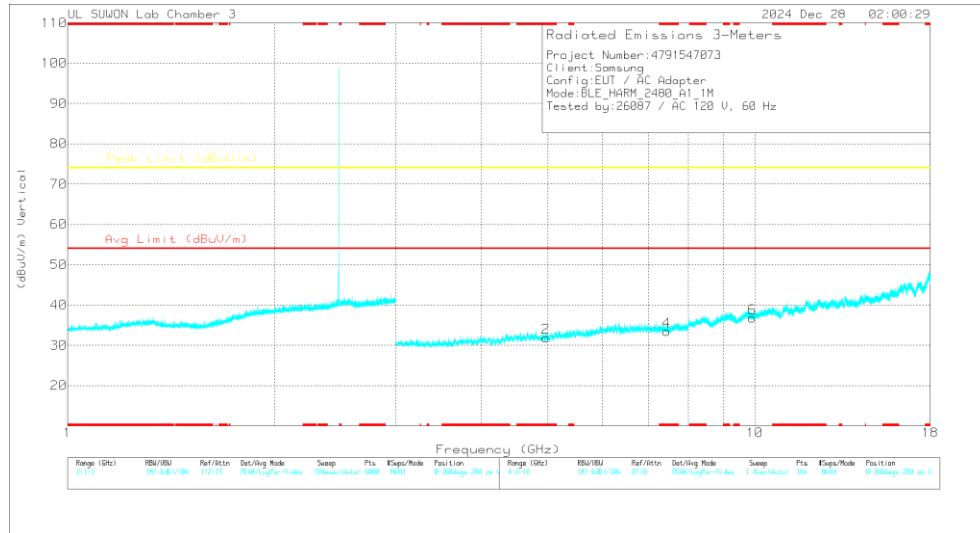
PK2 - KDB558074 Method: Maximum Peak

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_957_Factor(dB/m)	3GHz_HP_Pat h 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
* 4.96023	37.9	PK2	34.3	-30.3	0	41.9	-	-	74	-32.1	229	245	H
* 4.96043	26.91	MAV1	34.3	-30.3	2.85	33.76	54	-20.24	-	-	229	245	H
* 4.96511	38.61	PK2	34.3	-30.4	0	42.51	-	-	74	-31.49	97	118	V
* 4.96029	26.99	MAV1	34.3	-30.3	2.85	33.84	54	-20.16	-	-	97	118	V
* 7.4369	33.42	PK2	35.7	-25	0	44.12	-	-	74	-29.88	0	100	H
* 7.44443	33.76	PK2	35.7	-25.1	0	44.36	-	-	74	-29.64	0	100	V
9.92241	31.83	PK2	37.1	-21.3	0	47.63	-	-	74	-26.37	0	100	H
9.92195	31.15	PK2	37.1	-21.3	0	46.95	-	-	74	-27.05	0	100	V

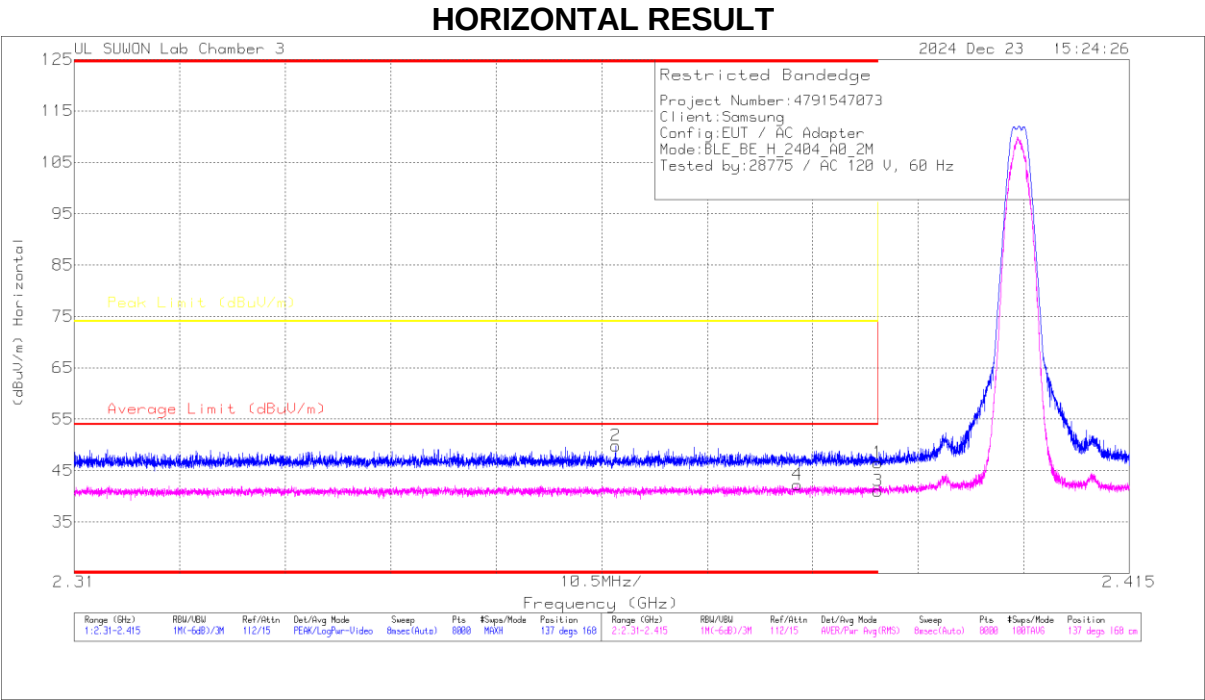
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

PK2 - KDB558074 Method: Maximum Peak

MAV1 - KDB558074 Option 1 Maximum RMS Average

10.2.3. 2 Mbps ANT1

BANDEDGE (0 CHANNEL)

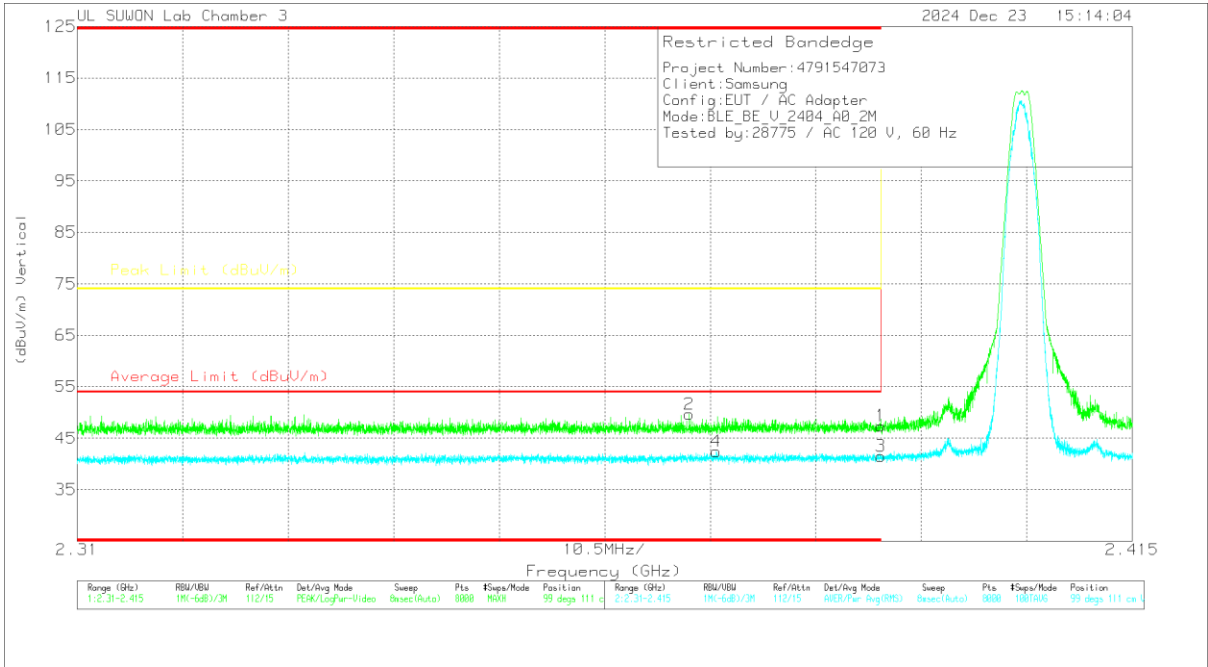


Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	Antenna 957 Factor (dBm)	10dB_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	39.33	Pk	32.1	-24.9	0	46.53	-	-	74	-27.47	137	168	H
2	* 2.36391	42.96	Pk	32	-25.1	0	49.86	-	-	74	-24.14	137	168	H
3	* 2.39	29.75	RMS	32.1	-24.9	4.11	41.06	54	-12.94	-	-	137	168	H
4	* 2.38196	31.05	RMS	32.1	-25	4.11	42.26	54	-11.74	-	-	137	168	H

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

VERTICAL RESULT

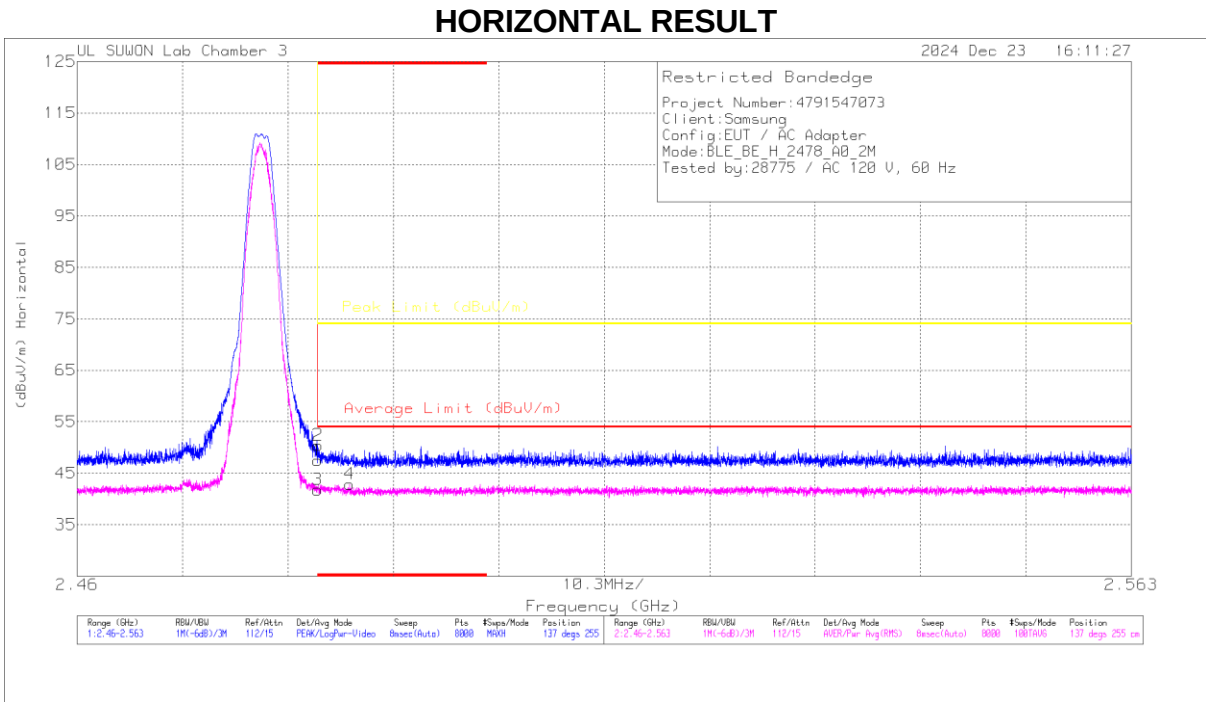


Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	Antenna_957_Factor (dBm)	10dB_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	40.19	Pk	32.1	-24.9	0	47.39	-	-	74	-26.61	99	111	V
2	* 2.3709	42.67	Pk	32	-25	0	49.67	-	-	74	-24.33	99	111	V
3	* 2.39	30.2	RMS	32.1	-24.9	4.11	41.51	54	-12.49	-	-	99	111	V
4	* 2.37361	31.31	RMS	32	-25	4.11	42.42	54	-11.68	-	-	99	111	V

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

BANDEDGE (36 CHANNEL)

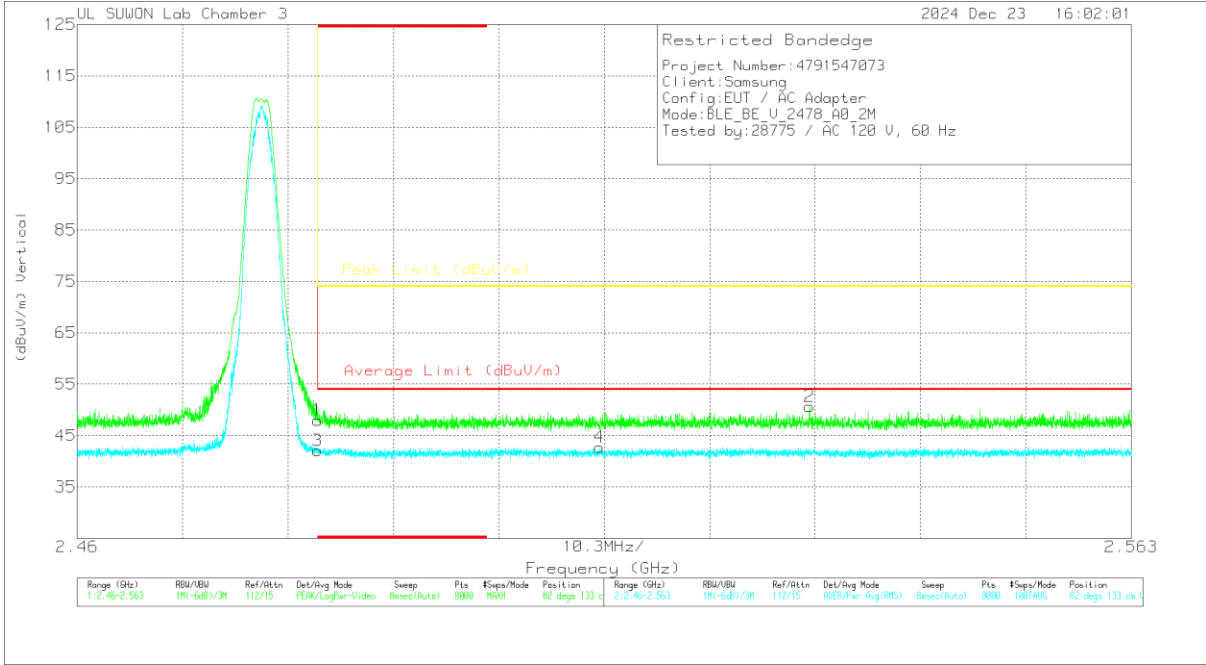


Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	Antenna_957_Factor (dBm)	10dB_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	39.96	PK	32.4	-24.9	0	47.46	-	-	74	-26.54	137	255	H
2	* 2.48351	42.92	PK	32.4	-24.9	0	50.42	-	-	74	-23.58	137	255	H
3	* 2.4835	30.2	RMS	32.4	-24.9	4.11	41.81	54	-12.19	-	-	137	255	H
4	* 2.48662	31.28	RMS	32.4	-24.9	4.11	42.89	54	-11.11	-	-	137	255	H

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

VERTICAL RESULT



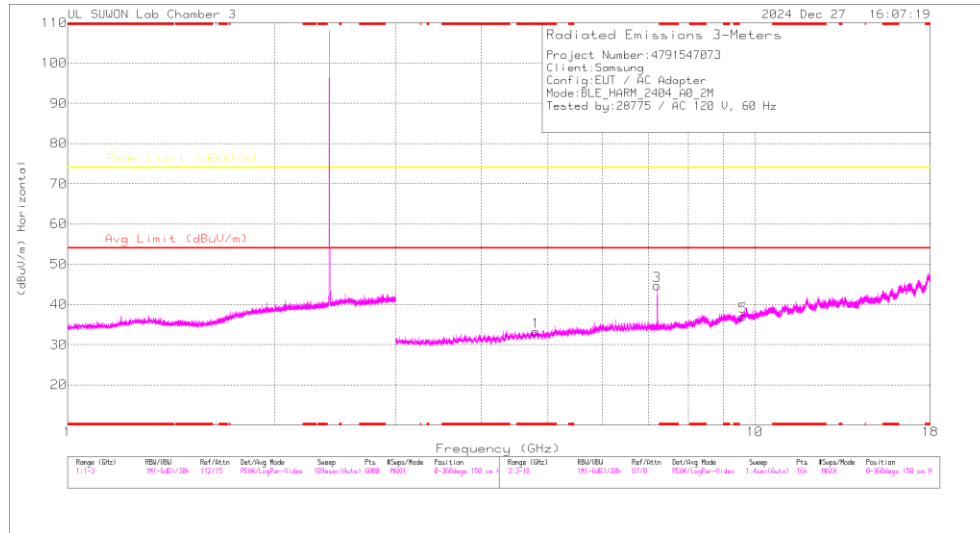
Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	Antenna, 90° Factor (dBm)	10dB_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	40.52	Pk	32.4	-24.9	0	48.02	-	-	74	-25.98	82	133	V
2	2.53156	43.06	Pk	32.4	-24.8	0	50.66	-	-	74	-23.34	82	133	V
3	* 2.4835	30.46	RMS	32.4	-24.9	4.11	42.07	54	-11.93	-	-	82	133	V
4	2.51104	31.13	RMS	32.4	-24.9	4.11	42.74	54	-11.26	-	-	82	133	V

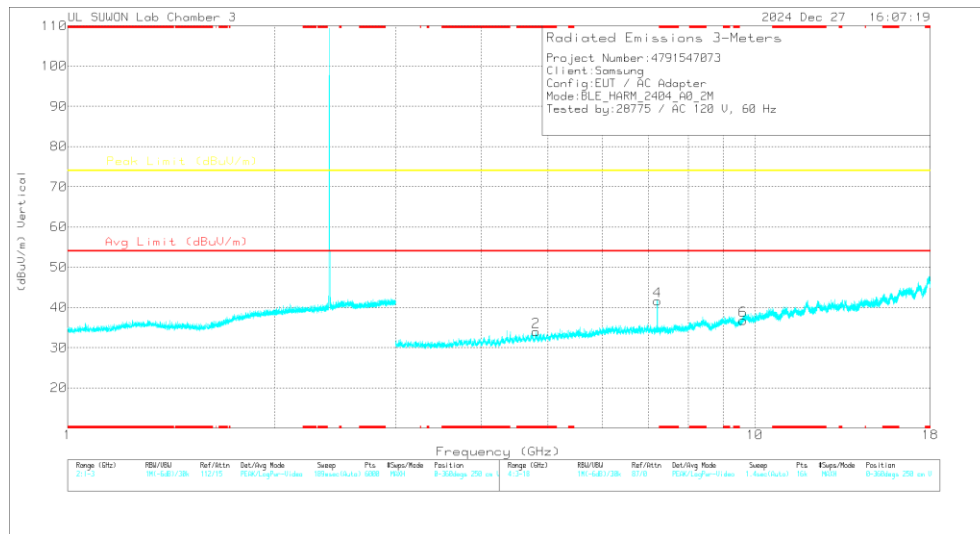
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band
Pk - Peak detector
RMS - RMS detection

HARMONICS AND SPURIOUS EMISSIONS

0 CHANNEL RESULTS



HORIZONTAL



VERTICAL

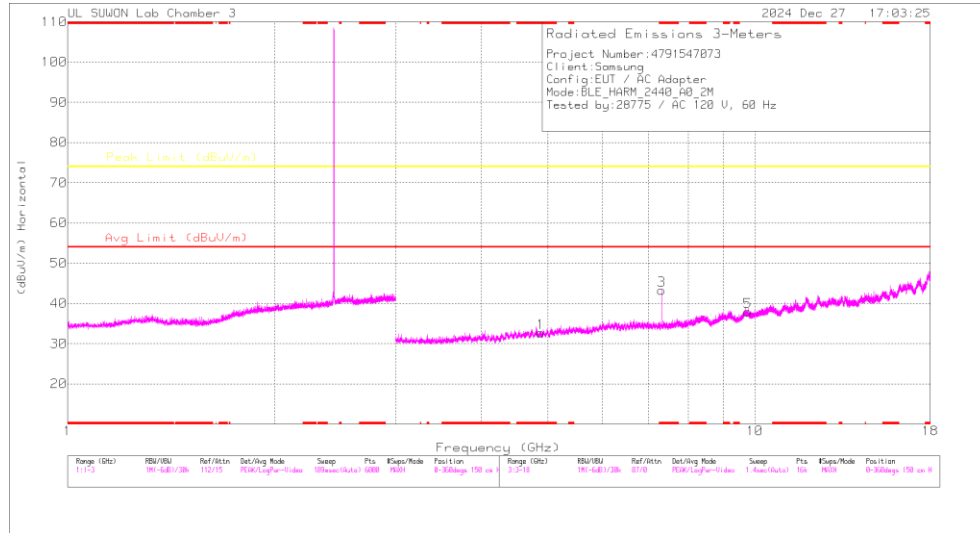
Note: Emission was scanned up to 26GHz; No emissions were detected above the noise floor which was at least 20dB below the specification limit.

Radiated Emissions

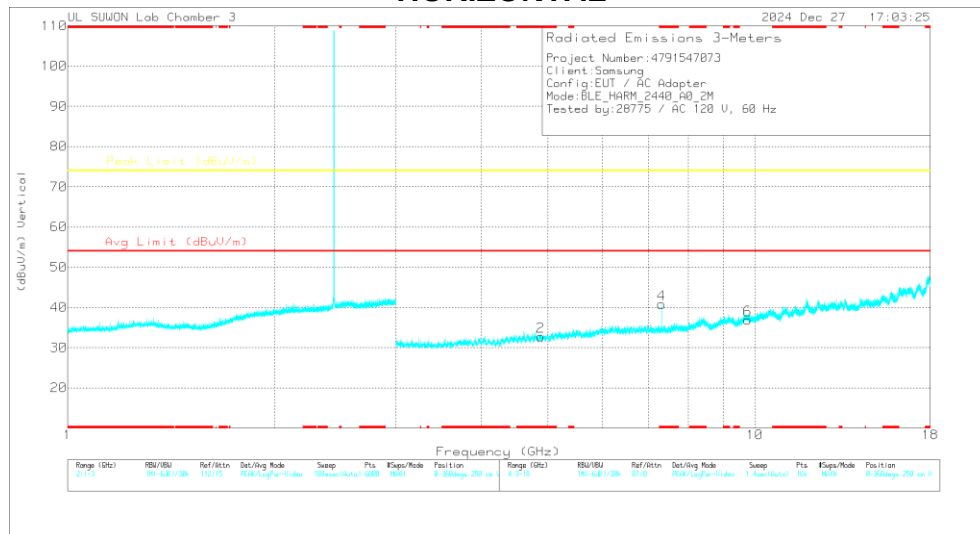
Frequency (GHz)	Meter Reading (dBuV)	Det	Antenna_957_Factor(dB/m)	3GHz_HP_Pat h Loss(dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
* 4.8081	38.58	PK2	34.3	-29.8	0	43.08	-	-	74	-30.92	234	113	H
* 4.80888	27.68	MAV1	34.3	-29.8	4.11	36.29	54	-17.71	-	-	234	113	H
* 4.80867	39.11	PK2	34.3	-29.8	0	43.61	-	-	74	-30.39	181	106	V
* 4.80715	27.44	MAV1	34.3	-29.8	4.11	36.05	54	-17.95	-	-	181	106	V
7.21345	41.13	PK2	35.8	-25.7	0	51.23	-	-	74	-22.77	248	101	H
7.21349	40.56	PK2	35.8	-25.7	0	50.66	-	-	74	-23.34	133	111	V
9.60807	32.96	PK2	36.7	-21.7	0	47.96	-	-	74	-26.04	0	100	H
9.61158	31.42	PK2	36.7	-21.7	0	46.42	-	-	74	-27.58	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

17 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

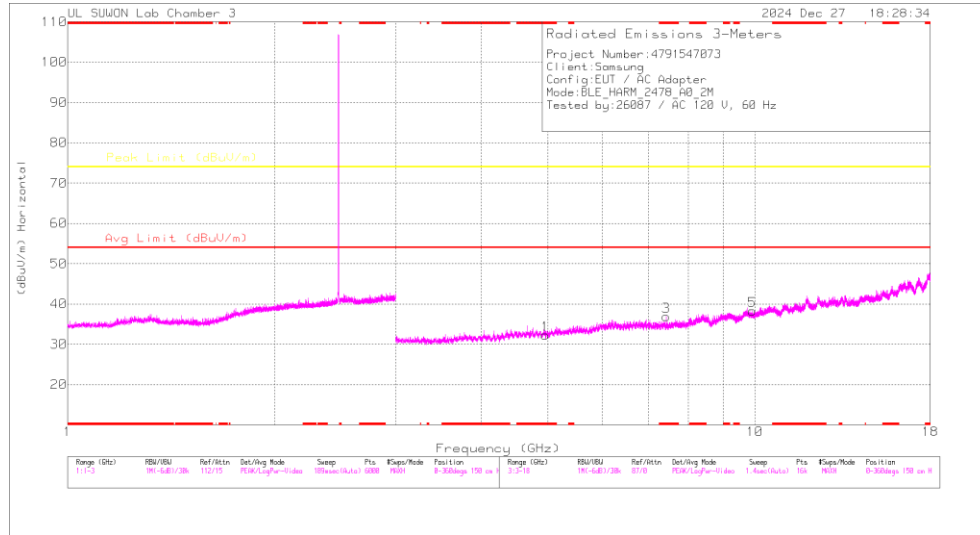
Frequency (GHz)	Meter Reading (dBuV)	Det	Antenna_957_Factor(dB/m)	3GHz_HP_Pat h Loss(dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
* 4.8797	38.91	PK2	34.2	-30.5	0	42.61	-	-	74	-31.39	235	117	H
* 4.88006	27.81	MAV1	34.2	-30.5	4.11	35.62	54	-18.38	-	-	235	117	H
* 4.88108	39.22	PK2	34.2	-30.6	0	42.82	-	-	74	-31.18	176	115	V
* 4.87994	27.84	MAV1	34.2	-30.5	4.11	35.65	54	-18.35	-	-	176	115	V
* 7.32	40.36	PK2	35.8	-25.2	0	50.96	-	-	74	-23.04	212	227	H
* 7.32138	28.97	MAV1	35.8	-25.1	4.11	42.78	54	-10.22	-	-	212	227	H
* 7.32005	40.32	PK2	35.8	-25.2	0	50.92	-	-	74	-23.08	132	117	V
* 7.3188	28.04	MAV1	35.8	-25.2	4.11	42.75	54	-11.25	-	-	132	117	V
9.76679	31.52	PK2	36.9	-21.2	0	47.22	-	-	74	-26.78	0	100	H
9.76304	31.48	PK2	36.9	-21.2	0	47.18	-	-	74	-26.82	0	100	V

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

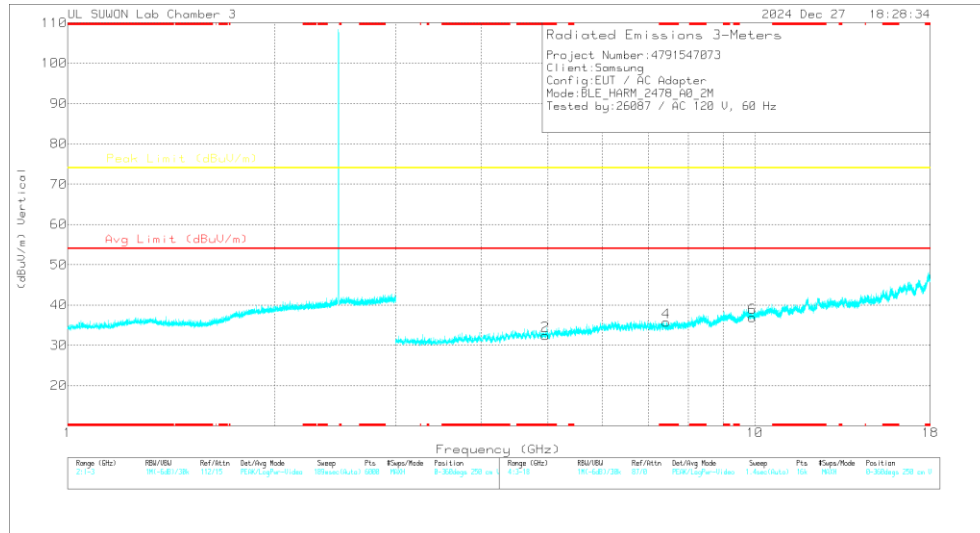
PK2 - KDB558074 Method: Maximum Peak

MAV1 - KDB558074 Option 1 Maximum RMS Average

36 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_957_Factor(dB/m)	3GHz_HP_Pat h 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
* 4.95482	38.97	PK2	34.3	-30.4	0	42.87	-	-	74	-31.13	118	104	H
* 4.95477	27.65	MAv1	34.3	-30.4	4.11	35.66	54	-18.34	-	-	118	104	H
* 4.95482	39.41	PK2	34.3	-30.4	0	43.31	-	-	74	-30.69	197	100	V
* 4.95499	27.89	MAv1	34.3	-30.4	4.11	35.9	54	-18.1	-	-	197	100	V
* 7.43257	35.99	PK2	35.7	-24.9	0	46.79	-	-	74	-27.21	212	237	H
* 7.43287	23.74	MAv1	35.7	-25	4.11	38.55	54	-15.45	-	-	212	237	H
* 7.43393	34.75	PK2	35.7	-25	0	45.45	-	-	74	-28.55	107	100	V
* 7.43247	22.67	MAv1	35.7	-24.9	4.11	37.58	54	-16.42	-	-	107	100	V
9.91422	31.86	PK2	37.1	-21.4	0	47.56	-	-	74	-26.44	0	100	H
9.912	31.84	PK2	37.1	-21.4	0	47.54	-	-	74	-26.46	0	100	V

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

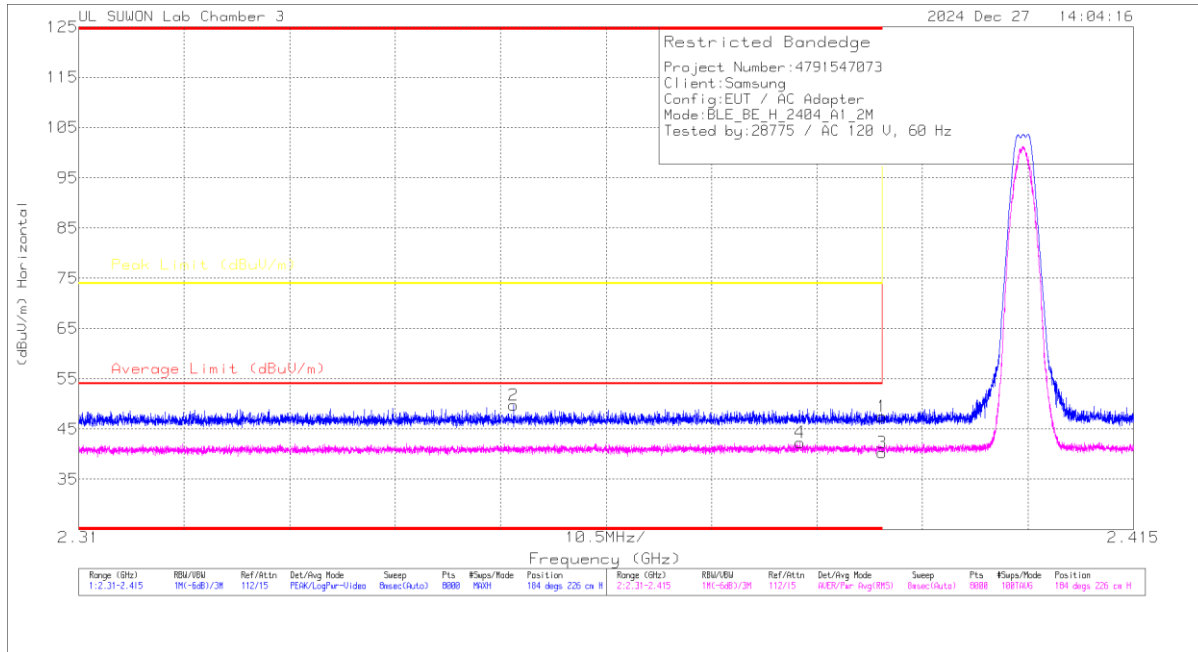
PK2 - KDB558074 Method: Maximum Peak

MAv1 - KDB558074 Option 1 Maximum RMS Average

10.2.4. 2 Mbps ANT2

BANDEDGE (0 CHANNEL)

HORIZONTAL RESULT



Trace Markers

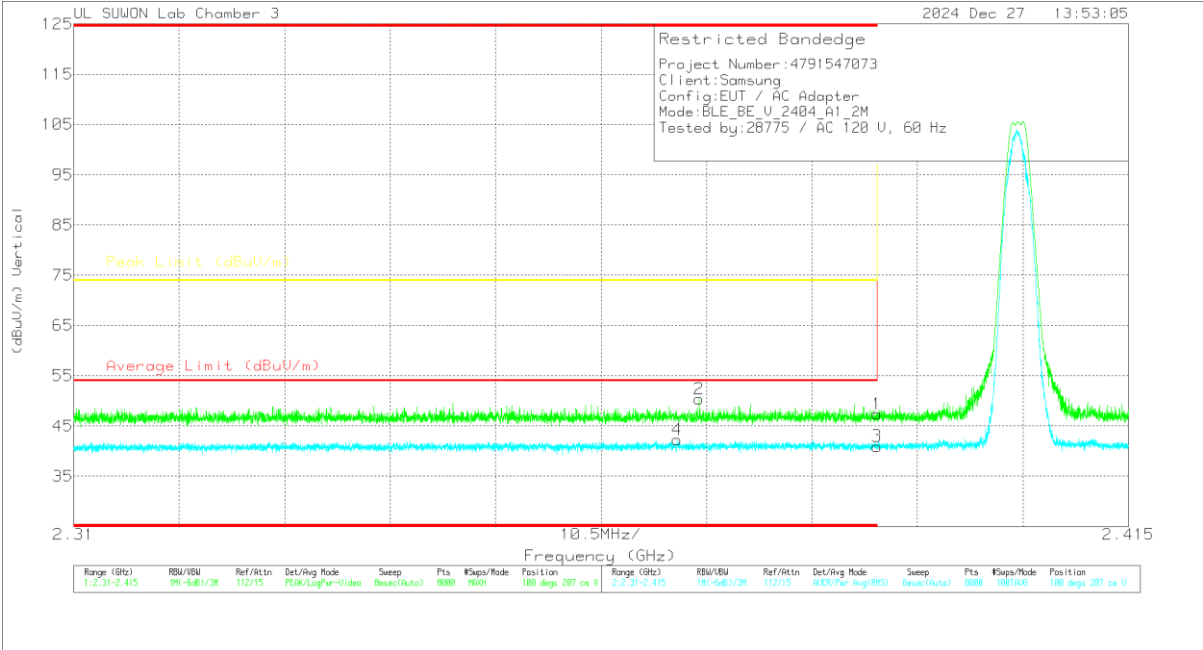
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	Antenna_957_Factor (dBm)	10dB_Path Loss (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.39	40.3	PK	32.1	-24.9	0	47.5	-	-	74	-26.5	184	226	H
2	* 2.39331	42.8	PK	32	-25	0	49.8	-	-	74	-24.2	184	226	H
3	* 2.39	28.92	RMS	32.1	-24.9	4.11	40.23	54	-13.77	-	-	184	226	H
4	* 2.38179	31.13	RMS	32.1	-25	4.11	42.34	54	-11.66	-	-	184	226	H

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

PK - Peak detector

RMS - RMS detection

VERTICAL RESULT



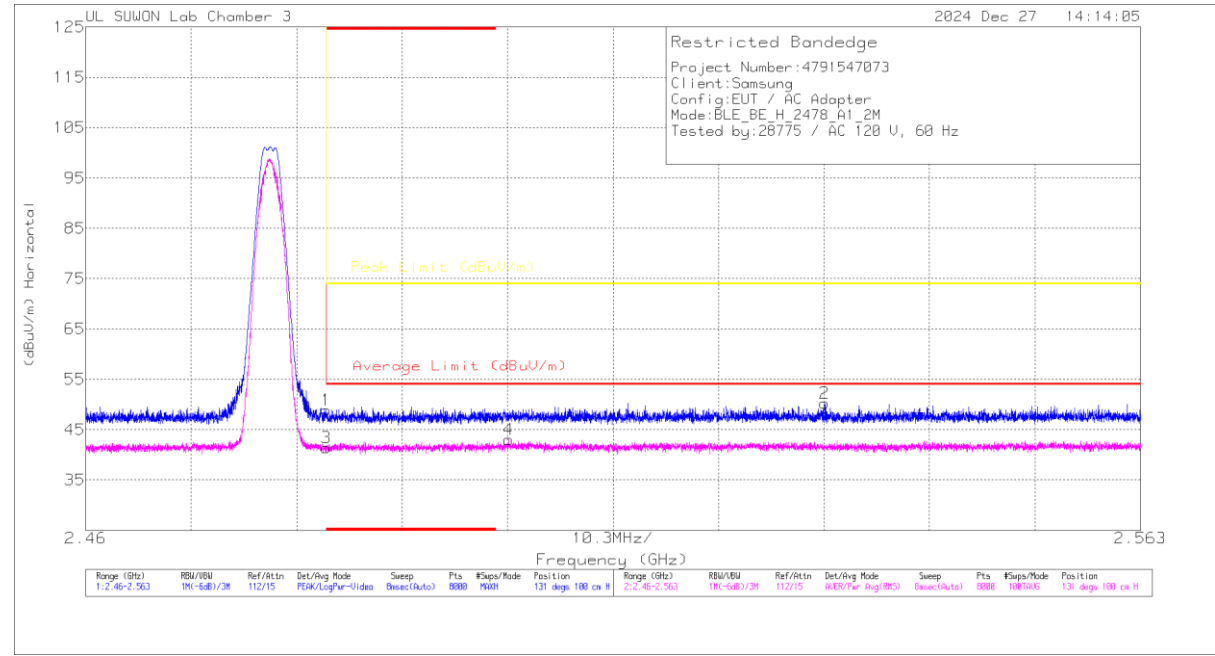
Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	Antenna_957_Factor (dBm)	10dB_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	40.17	PK	32.1	-24.9	0	47.37	-	-	74	-26.63	100	207	V
2	* 2.37229	43.39	PK	32	-25	0	50.39	-	-	74	-23.61	100	207	V
3	* 2.39	29.66	RMS	32.1	-24.9	4.11	40.97	54	-13.03	-	-	100	207	V
4	* 2.37007	31.13	RMS	32	-25	4.11	42.24	54	-11.76	-	-	100	207	V

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

BANDEDGE (36 CHANNEL)

HORIZONTAL RESULT

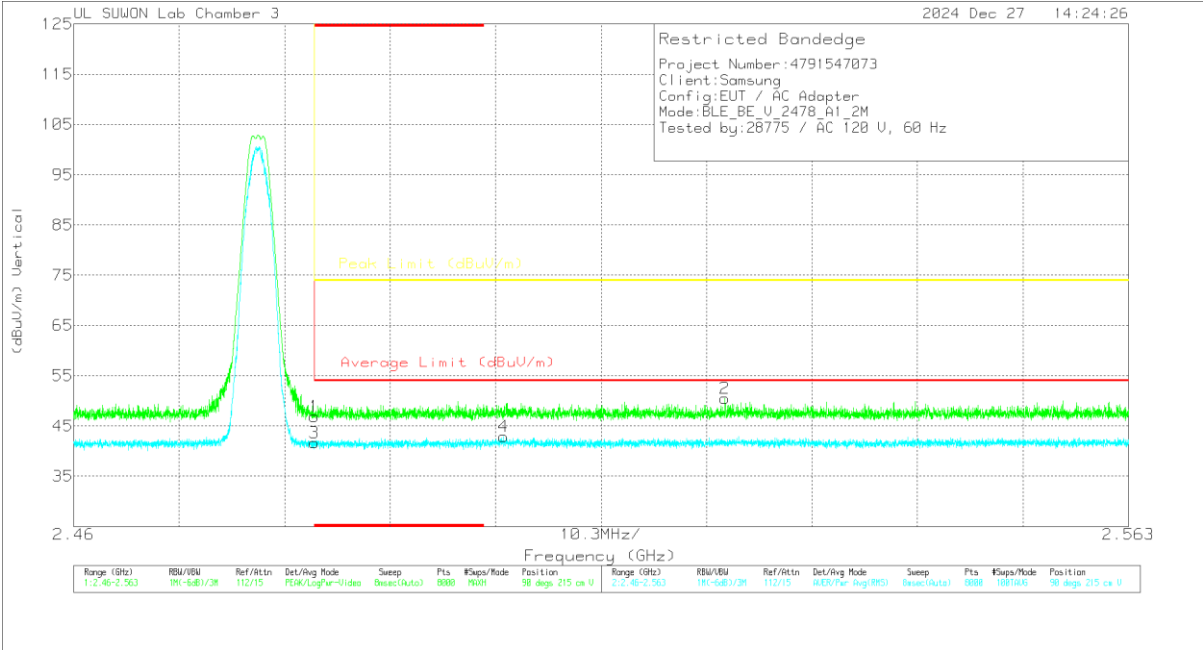


Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	Antenna_957_Factor (dBm)	10dB_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 (m)	Polarity
1	* 2.4835	41.33	PK	32.4	-24.9	0	48.83	-	-	74	-25.17	131	100	H
2	2.53214	42.06	PK	32.4	-24.9	0	50.26	-	-	74	-23.74	131	100	H
3	* 2.4835	29.91	RMS	32.4	-24.9	4.11	41.42	54	-12.58	-	-	131	100	H
4	2.50128	31.29	RMS	32.4	-24.9	4.11	43	54	-11	-	-	131	100	H

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

VERTICAL RESULT



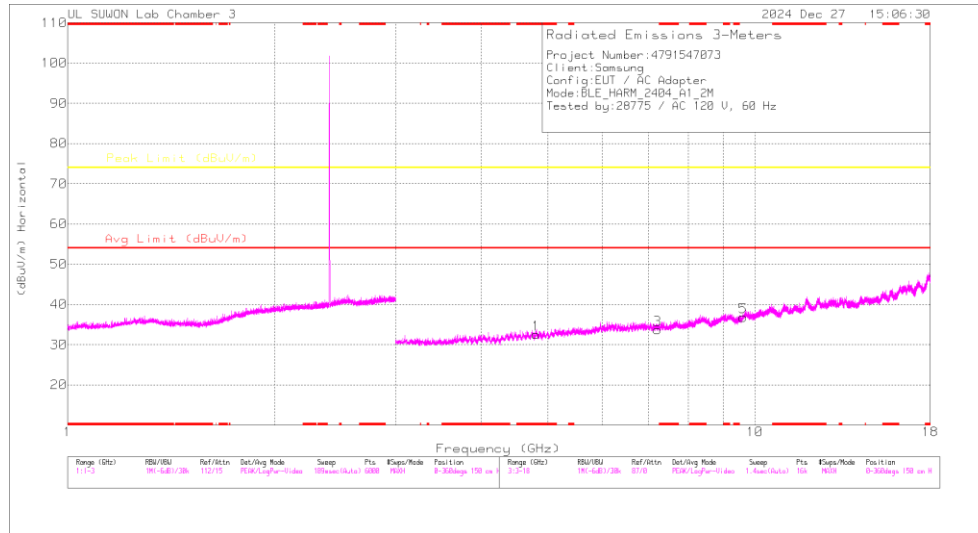
Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	Antenna_557_Factor (dBm)	10dB_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	39.41	PK	32.4	-24.9	0	46.91	-	-	74	-27.09	90	215	V
2	2.52361	42.9	PK	32.4	-24.8	0	50.5	-	-	74	-23.5	90	215	V
3	* 2.4835	30.08	RMS	32.4	-24.9	4.11	41.69	54	-12.31	-	-	90	215	V
4	2.502	31.07	RMS	32.4	-24.7	4.11	42.88	54	-11.12	-	-	90	215	V

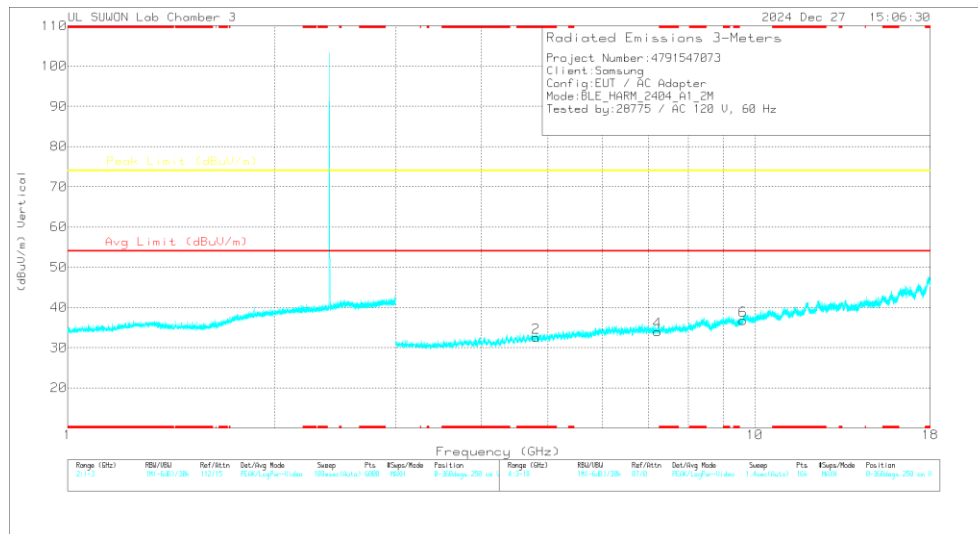
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band
PK - Peak detector
RMS - RMS detection

HARMONICS AND SPURIOUS EMISSIONS

0 CHANNEL RESULTS



HORIZONTAL



VERTICAL

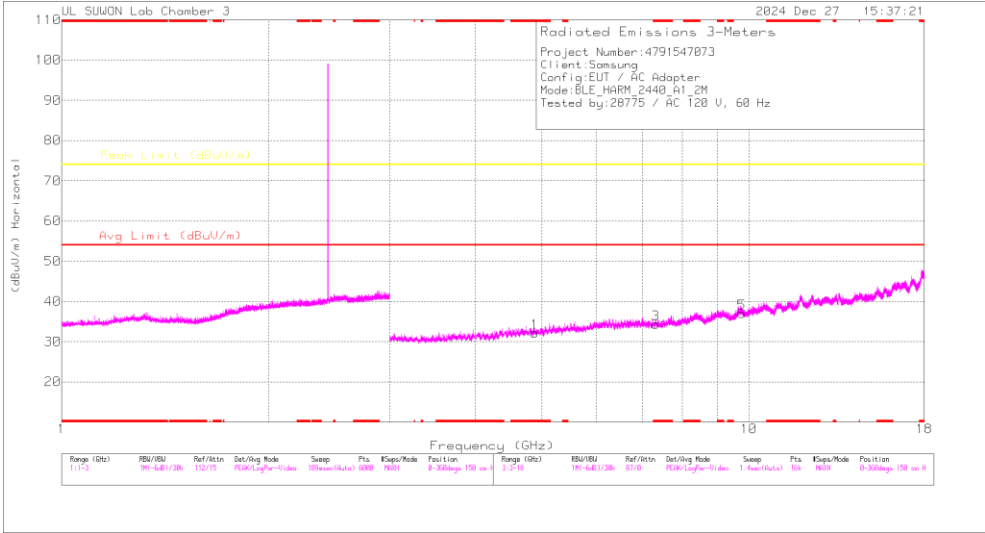
Note: Emission was scanned up to 26GHz; No emissions were detected above the noise floor which was at least 20dB below the specification limit.

Radiated Emissions

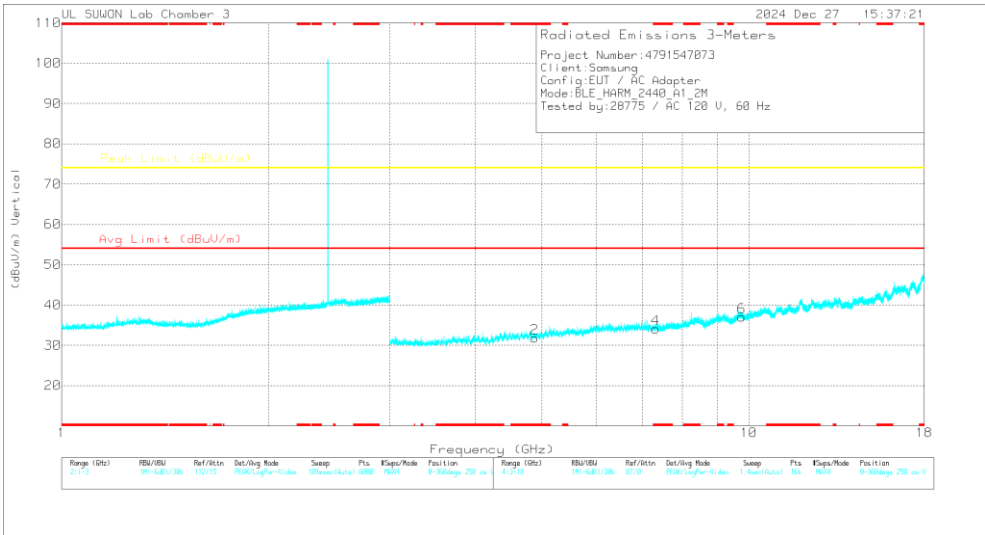
Frequency (GHz)	Meter Reading (dBuV)	Det	Antenna_957_F actor(dB/m)	3GHz_HP_Path Loss(dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
* 4.81012	38.67	PK2	34.3	-29.8	0	43.17	-	-	74	-30.83	0	100	H
* 4.81494	38.86	PK2	34.3	-29.9	0	43.26	-	-	74	-30.74	0	100	V
7.21976	34.91	PK2	35.8	-25.8	0	44.91	-	-	74	-29.09	0	100	H
7.21555	34.56	PK2	35.8	-25.7	0	44.66	-	-	74	-29.34	0	100	V
9.61682	31.78	PK2	36.7	-21.6	0	46.88	-	-	74	-27.12	0	100	H
9.61122	32.23	PK2	36.7	-21.7	0	47.23	-	-	74	-26.77	0	100	V

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

17 CHANNEL RESULTS



HORIZONTAL



VERTICAL

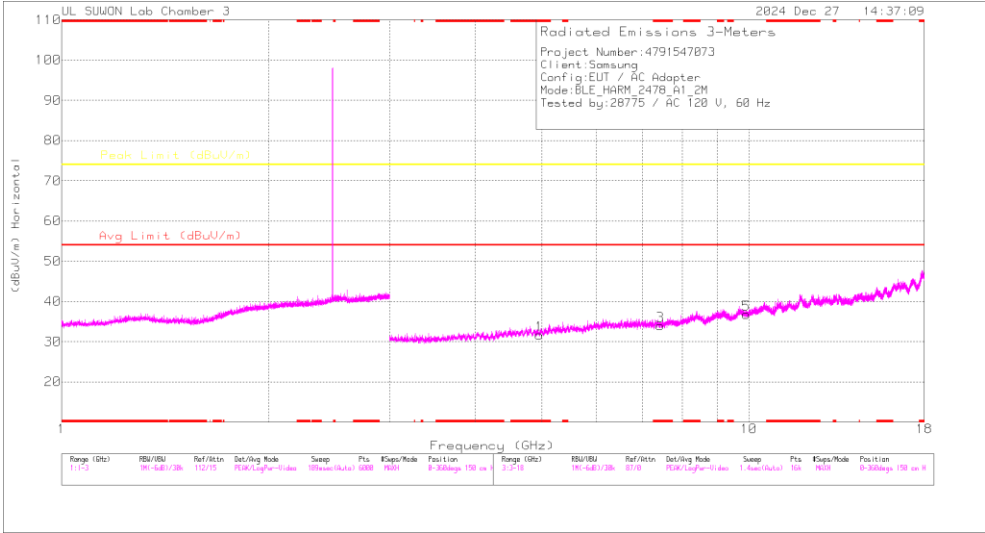
Note: Emission was scanned up to 26GHz; No emissions were detected above the noise floor which was at least 20dB below the specification limit.

Radiated Emissions

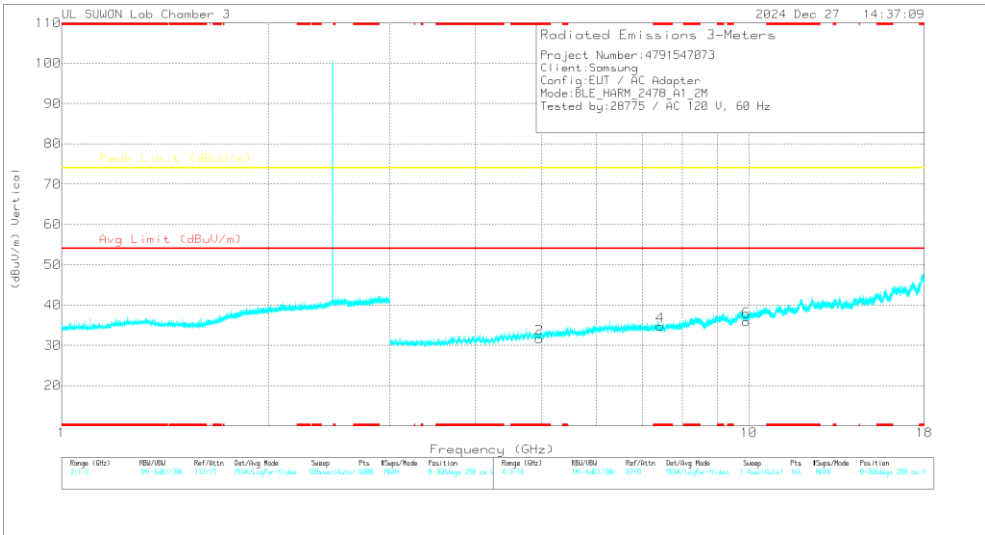
Frequency (GHz)	Meter Reading (dBuV)	Det	Antenna_957_F actor(dB/m)	3GHz_HP_Path Loss(dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
* 4.87331	39.38	PK2	34.2	-30.5	0	43.08	-	-	74	-30.92	0	100	H
* 4.87456	38.85	PK2	34.2	-30.5	0	42.55	-	-	74	-31.45	0	100	V
* 7.31049	34.25	PK2	35.8	-25.3	0	44.75	-	-	74	-29.25	0	100	H
* 7.31076	34.97	PK2	35.8	-25.3	0	45.47	-	-	74	-28.53	0	100	V
9.76458	32.22	PK2	36.9	-21.2	0	47.92	-	-	74	-26.08	0	100	H
9.76068	31.98	PK2	36.9	-21.2	0	47.68	-	-	74	-26.32	0	100	V

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

36 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.

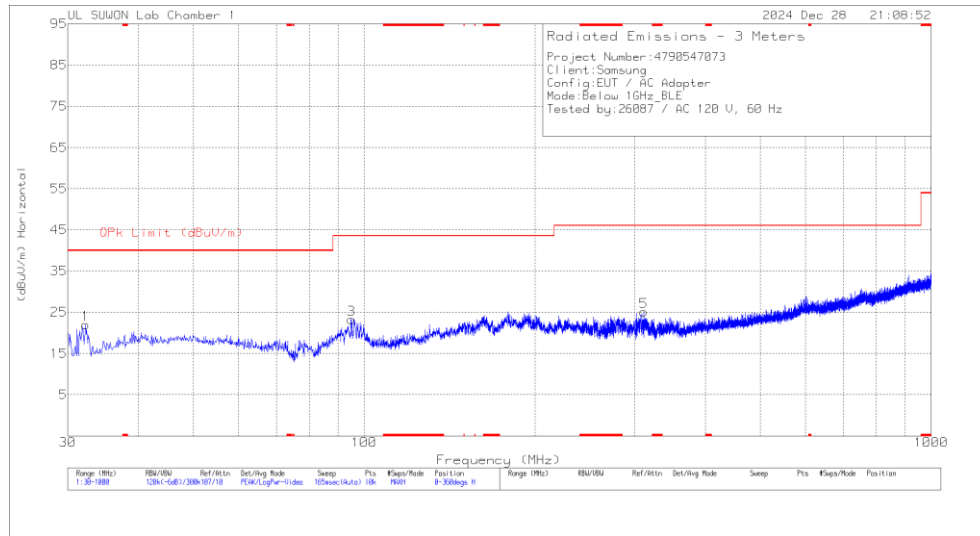
Radiated Emissions

Frequency (GHz)	Meter Reading (dBuV)	Det	Antenna_957_F actor(dB/m)	3GHz_HP_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
* 4.95771	38.42	PK2	34.3	-30.3	0	42.42	-	-	74	-31.58	0	100	H
* 4.96397	38.51	PK2	34.3	-30.3	0	42.51	-	-	74	-31.49	0	100	V
* 7.43934	33.8	PK2	35.7	-25	0	44.5	-	-	74	-29.5	0	100	H
* 7.42707	33.77	PK2	35.7	-24.9	0	44.57	-	-	74	-29.43	0	100	V
9.90383	31.19	PK2	37.1	-21.4	0	46.89	-	-	74	-27.11	0	100	H
9.9078	32.07	PK2	37.1	-21.4	0	47.77	-	-	74	-26.23	0	100	V

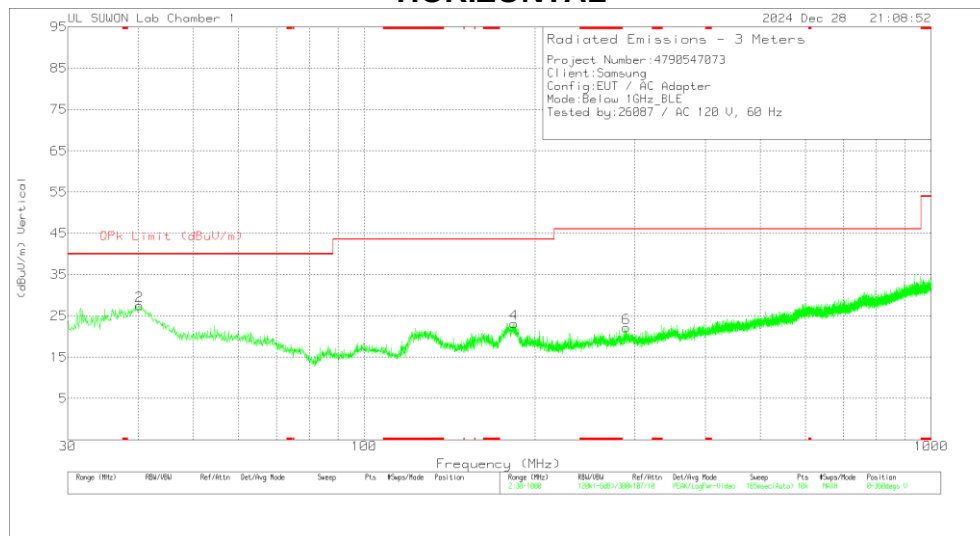
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band
PK2 - KDB558074 Method: Maximum Peak

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_750_Factor(dB/m)	Below_1G_Path Loss(dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	QPk Limit (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	32.231	37.6	Pk	15.6	-31.2	0	22	40	-18	0-360	200	H
3	94.99	37.06	Pk	16.5	-30.3	0	23.26	43.52	-20.26	0-360	200	H
5	311.494	34.44	Pk	19.2	-28.5	0	25.14	46.02	-20.88	0-360	100	H
2	40.185	39.8	Pk	18.6	-30.9	0	27.5	40	-12.5	0-360	200	V
4	183.745	36.97	Pk	15.6	-29.4	0	23.17	43.52	-20.35	0-360	200	V
6	289.766	31.82	Pk	18.9	-28.6	0	22.12	46.02	-23.9	0-360	200	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.

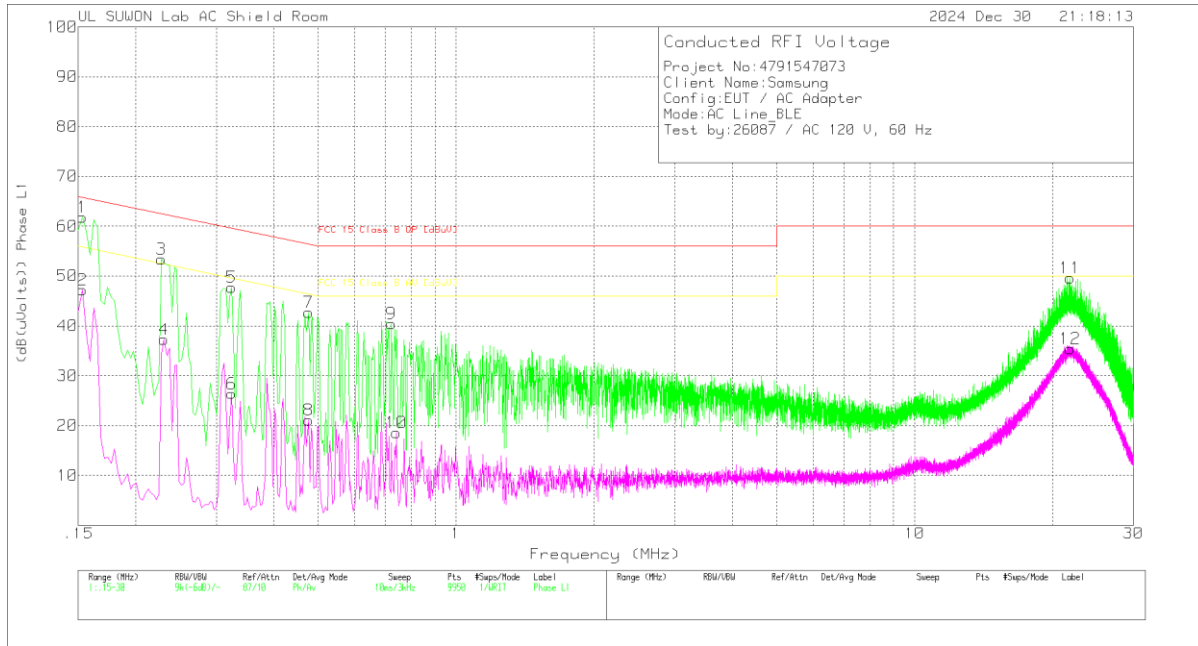
The receiver is set to a resolution bandwidth of 9 kHz. Peak detection is used unless otherwise noted as quasi-peak or average.

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

RESULTS

11.1. 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]	Cable Loss [dB]	Corrected Reading [dBuV]	FCC 15 Class B QP [dBuV]	Margin (dB)	FCC 15 Class B AV [dBuV]	Margin (dB)
1	.153	51.87	Pk	9.8	.1	61.77	65.84	-4.07	-	-
2	.153	37.38	Av	9.8	.1	47.28	-	-	55.84	-8.56
3	.228	43.54	Pk	9.7	.1	53.34	62.52	-9.18	-	-
4	.231	27.45	Av	9.7	.1	37.25	-	-	52.41	-15.16
5	.324	37.94	Pk	9.7	.1	47.74	59.6	-11.86	-	-
6	.324	16.63	Av	9.7	.1	26.43	-	-	49.6	-23.17
7	.477	32.67	Pk	9.9	.1	42.67	56.39	-13.72	-	-
8	.477	11.12	Av	9.9	.1	21.12	-	-	46.39	-25.27
9	.723	30.5	Pk	9.8	.1	40.4	56	-15.6	-	-
10	.741	8.68	Av	9.8	.1	18.58	-	-	46	-27.42
11	21.819	38.99	Pk	10.3	.3	49.59	60	-10.41	-	-
12	21.837	24.84	Av	10.3	.3	35.44	-	-	50	-14.56

Pk - Peak detector

Av - Average detection

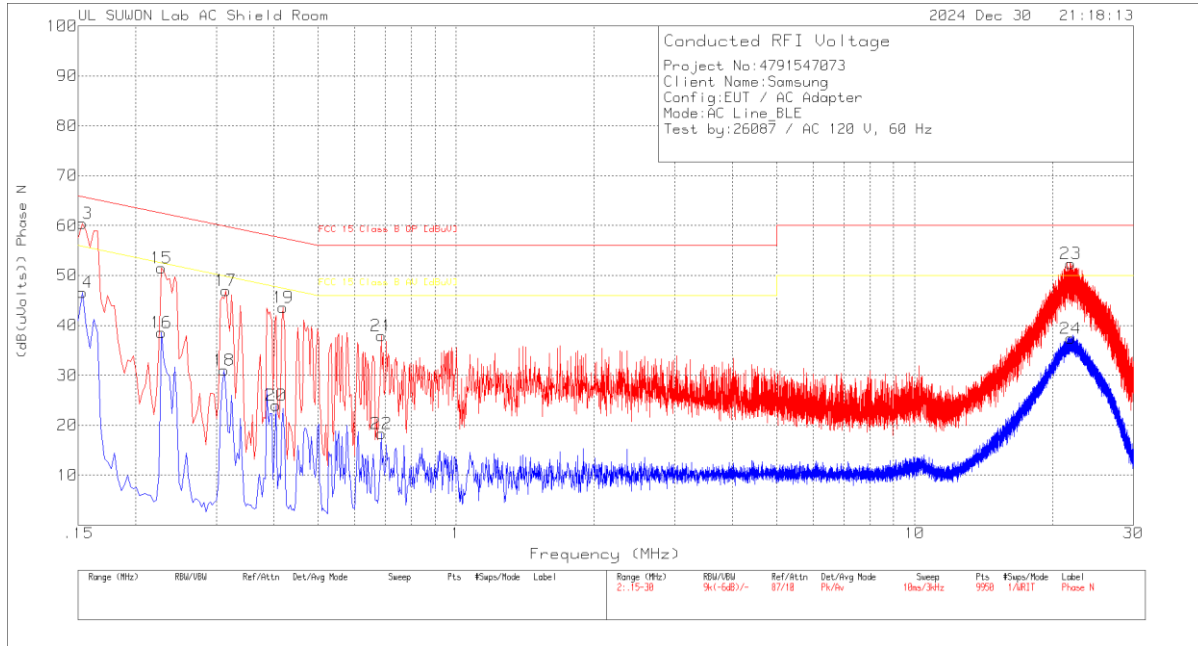
Quasi-Peak Emissions

Range 1: Phase L1 .15 - 30MHz

Frequency (MHz)	Meter Reading [dBuV]	Det	101836_Wit h EX_L1 [dB]	Cable Loss [dB]	Corrected Reading [dBuV]	FCC 15 Class B QP [dBuV]	Margin (dB)	FCC 15 Class B AV [dBuV]	Margin (dB)
.15225	46.58	Qp	9.7	.1	56.38	65.88	-9.5	-	-
.22875	37.21	Qp	9.7	.1	47.01	62.49	-15.48	-	-

Qp - Quasi-Peak detector

LINE 2 RESULTS



Trace Markers

Range 2: Phase N .15 - 30MHz

Marker	Frequency (MHz)	Meter Reading [dBuV]	Det	101836_Wit h EX_N [dB]	Cable Loss [dB]	Corrected Reading [dBuV]	FCC 15 Class B QP [dBuV]	Margin (dB)	FCC 15 Class B AV [dBuV]	Margin (dB)
13	.153	50.54	Pk	9.8	.1	60.44	65.84	-5.4	-	-
14	.153	36.75	Av	9.8	.1	46.65	-	-	55.84	-9.19
15	.228	41.68	Pk	9.7	.1	51.48	62.52	-11.04	-	-
16	.228	28.8	Av	9.7	.1	38.6	-	-	52.52	-13.92
17	.315	37.23	Pk	9.7	.1	47.03	59.84	-12.81	-	-
18	.312	21.26	Av	9.7	.1	31.06	-	-	49.92	-18.86
19	.42	33.69	Pk	9.8	.1	43.59	57.45	-13.86	-	-
20	.405	14.06	Av	9.8	.1	23.96	-	-	47.75	-23.79
21	.687	28.05	Pk	9.8	.1	37.95	56	-18.05	-	-
22	.687	8.48	Av	9.8	.1	18.38	-	-	46	-27.62
23	21.87	41.78	Pk	10.3	.3	52.38	60	-7.62	-	-
24	21.879	26.67	Av	10.4	.3	37.37	-	-	50	-12.63

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]	Cable Loss [dB]	Corrected Reading [dBuV]	FCC 15 Class B QP [dBuV]	Margin (dB)	FCC 15 Class B AV [dBuV]	Margin (dB)
.15375	46.28	Qp	9.8	.1	56.18	65.79	-9.61	-	-
21.8693	34.1	Qp	10.3	.3	44.7	60	-15.3	-	-

Qp - Quasi-Peak detector

END OF TEST REPORT

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UL KOREA LTD. Suwon Laboratory

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