

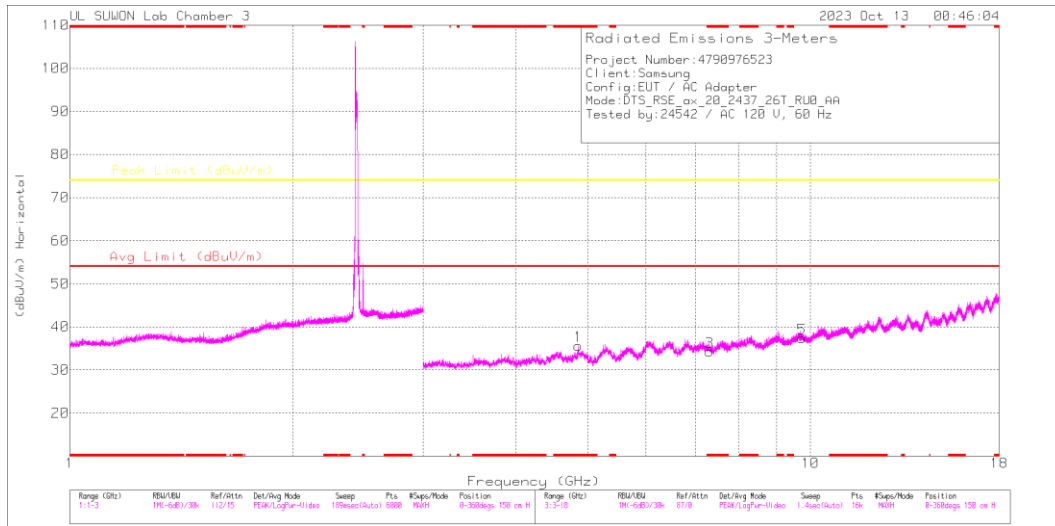
BANDEDGE TEST DATA

Freq. [MHz]	Antenna	Frequency [GHz]	Reading [dBuV]	Detector Mode	ANT Factor [dB]	Loss [dB]	DC Corr [dB]	Result dBuV/m	AV Limit dBuV/m	AV Margin [dB]	PK Limit dBuV/m	PK Margin [dB]	Azimuth [Degs]	Height [cm]	Polarity	
2412 0RU	MIMO	* 2.39	50.91	Pk	32.10	-24.80	0.00	58.21	-	-	74.00	-15.79	166	125	H	
		* 2.38998	52.09	Pk	32.10	-24.80	0.00	59.39	-	-	74.00	-14.61	166	125	H	
		* 2.39	33.66	RMS	32.10	-24.80	0.00	40.96	54.00	-13.04	-	-	-	166	125	H
		* 2.38983	34.47	RMS	32.10	-24.80	0.00	41.77	54.00	-12.23	-	-	-	166	125	H
		* 2.39	50.86	Pk	32.10	-24.80	0.00	58.16	-	-	74.00	-15.84	180	309	V	
		* 2.38972	50.91	Pk	32.10	-24.80	0.00	58.21	-	-	74.00	-15.79	180	309	V	
		* 2.39	32.98	RMS	32.10	-24.80	0.00	40.28	54.00	-13.72	-	-	-	180	309	V
		* 2.38914	34.38	RMS	32.10	-24.80	0.00	41.68	54.00	-12.32	-	-	-	180	309	V
2412 SU	MIMO	* 2.39	57.53	Pk	32.10	-24.80	0.00	64.83	-	-	74.00	-9.17	127	100	H	
		* 2.38985	58.90	Pk	32.10	-24.80	0.00	66.20	-	-	74.00	-7.80	127	100	H	
		* 2.39	43.31	RMS	32.10	-24.80	0.00	50.61	54.00	-3.39	-	-	-	127	100	H
		* 2.38986	44.23	RMS	32.10	-24.80	0.00	51.53	54.00	-2.47	-	-	-	127	100	H
		* 2.39	52.55	Pk	32.10	-24.80	0.00	59.85	-	-	74.00	-14.15	178	310	V	
		* 2.38963	54.71	Pk	32.10	-24.80	0.00	62.01	-	-	74.00	-11.99	178	310	V	
		* 2.39	40.74	RMS	32.10	-24.80	0.00	48.04	54.00	-5.96	-	-	-	178	310	V
		* 2.38983	40.37	RMS	32.10	-24.80	0.00	47.67	54.00	-6.33	-	-	-	178	310	V
2417 SU	MIMO	* 2.39	50.78	Pk	32.10	-24.80	0.00	58.08	-	-	74.00	-15.92	133	392	H	
		* 2.38989	52.19	Pk	32.10	-24.80	0.00	59.49	-	-	74.00	-14.51	133	392	H	
		* 2.39	36.18	RMS	32.10	-24.80	0.00	43.48	54.00	-10.52	-	-	-	133	392	H
		* 2.38979	36.69	RMS	32.10	-24.80	0.00	43.99	54.00	-10.01	-	-	-	133	392	H
		* 2.39	46.88	Pk	32.10	-24.80	0.00	54.18	-	-	74.00	-19.82	176	307	V	
		* 2.38997	50.91	Pk	32.10	-24.80	0.00	58.21	-	-	74.00	-15.79	176	307	V	
		* 2.39	34.81	RMS	32.10	-24.80	0.00	42.11	54.00	-11.89	-	-	-	176	307	V
		* 2.38993	35.54	RMS	32.10	-24.80	0.00	42.84	54.00	-11.16	-	-	-	176	307	V
2462 SU	MIMO	* 2.4835	58.14	Pk	32.40	-24.80	0.00	65.74	-	-	74.00	-8.26	129	156	H	
		* 2.48366	60.39	Pk	32.40	-24.80	0.00	67.99	-	-	74.00	-6.01	129	156	H	
		* 2.4835	44.08	RMS	32.40	-24.80	0.00	51.68	54.00	-2.32	-	-	-	129	156	H
		* 2.48362	44.06	RMS	32.40	-24.80	0.00	51.66	54.00	-2.34	-	-	-	129	156	H
		* 2.4835	54.20	Pk	32.40	-24.80	0.00	61.80	-	-	74.00	-12.20	181	326	V	
		* 2.48436	56.92	Pk	32.40	-24.80	0.00	64.52	-	-	74.00	-9.48	181	326	V	
		* 2.4835	42.86	RMS	32.40	-24.80	0.00	50.46	54.00	-3.54	-	-	-	181	326	V
		* 2.48359	43.88	RMS	32.40	-24.80	0.00	51.48	54.00	-2.52	-	-	-	181	326	V
2467 SU	MIMO	* 2.4835	43.03	Pk	32.40	-24.80	0.00	50.63	-	-	74.00	-23.37	125	158	H	
		* 2.48593	45.90	Pk	32.40	-24.80	0.00	53.50	-	-	74.00	-20.50	125	158	H	
		* 2.4835	33.76	RMS	32.40	-24.80	0.00	41.36	54.00	-12.64	-	-	-	125	158	H
		* 2.48364	34.41	RMS	32.40	-24.80	0.00	42.01	54.00	-11.99	-	-	-	125	158	H
		* 2.4835	43.71	Pk	32.40	-24.80	0.00	51.31	-	-	74.00	-22.69	187	284	V	
		2.545	44.45	Pk	32.40	-24.60	0.00	52.25	-	-	74.00	-21.75	187	284	V	
		* 2.4835	32.29	RMS	32.40	-24.80	0.00	39.89	54.00	-14.11	-	-	-	187	284	V
		* 2.48445	33.92	RMS	32.40	-24.80	0.00	41.52	54.00	-12.48	-	-	-	187	284	V
2472 SU	MIMO	* 2.4835	48.10	Pk	32.40	-24.80	0.00	55.70	-	-	74.00	-18.30	156	141	H	
		* 2.48358	47.29	Pk	32.40	-24.80	0.00	54.89	-	-	74.00	-19.11	156	141	H	
		* 2.4835	33.79	RMS	32.40	-24.80	0.00	41.39	54.00	-12.61	-	-	-	156	141	H
		* 2.48376	33.78	RMS	32.40	-24.80	0.00	41.38	54.00	-12.62	-	-	-	156	141	H
		* 2.4835	45.99	Pk	32.40	-24.80	0.00	53.59	-	-	74.00	-20.41	187	285	V	
		* 2.48353	47.34	Pk	32.40	-24.80	0.00	54.94	-	-	74.00	-19.06	187	285	V	
		* 2.4835	33.03	RMS	32.40	-24.80	0.00	40.63	54.00	-13.37	-	-	-	187	285	V
		* 2.48363	33.88	RMS	32.40	-24.80	0.00	41.48	54.00	-12.52	-	-	-	187	285	V
2472 8RU	MIMO	* 2.4835	53.75	Pk	32.40	-24.80	0.00	61.35	-	-	74.00	-12.65	137	116	H	
		* 2.48354	54.01	Pk	32.40	-24.80	0.00	61.61	-	-	74.00	-12.39	137	116	H	
		* 2.4835	35.50	RMS	32.40	-24.80	0.00	43.10	54.00	-10.90	-	-	-	137	116	H
		* 2.48351	36.94	RMS	32.40	-24.80	0.00	44.54	54.00	-9.46	-	-	-	137	116	H
		* 2.4835	53.48	Pk	32.40	-24.80	0.00	61.08	-	-	74.00	-12.92	180	286	V	
		* 2.48358	52.74	Pk	32.40	-24.80	0.00	60.34	-	-	74.00	-13.66	180	286	V	
		* 2.4835	34.20	RMS	32.40	-24.80	0.00	41.80	54.00	-12.20	-	-	-	180	286	V
		* 2.48362	35.78	RMS	32.40	-24.80	0.00	43.38	54.00	-10.62	-	-	-	180	286	V

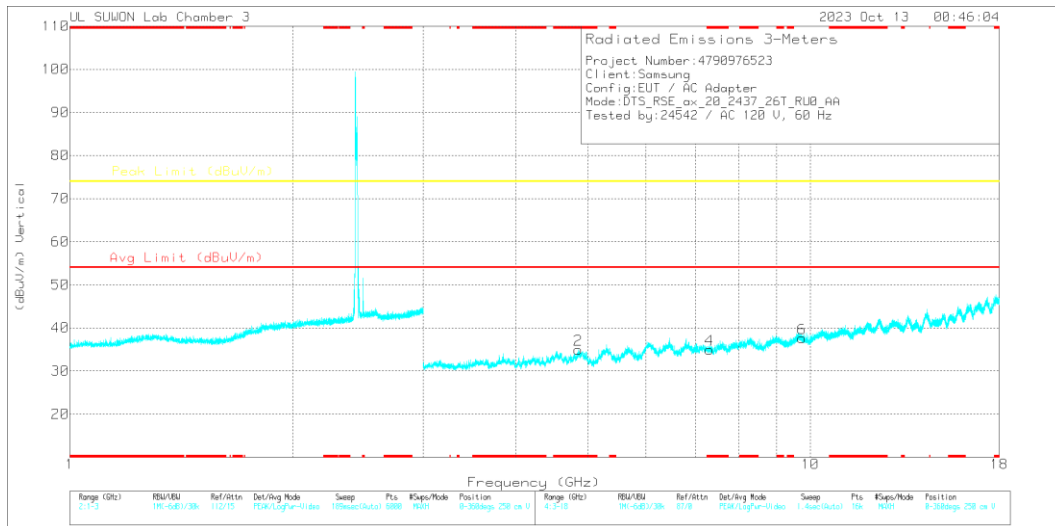
Note1. Pk - Peak detector, RMS - RMS detector
 Note2. * - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

HARMONICS AND SPURIOUS EMISSIONS (WORST CASE: 6 CHANNEL, 0RU)

CH 6 RESULTS



HORIZONTAL



VERTICAL

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

Radiated Emissions

Frequency (GHz)	Meter Reading (dBuV)	Det	Antenna Correction Factor (dBm)	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
* 4.85697	43.3	PK2	34.2	-29.9	0	47.6	-	-	74	-26.4	212	106	H
* 4.85699	31.86	MAV1	34.2	-29.9	0	36.16	54	-17.84	-	-	212	106	H
* 4.85684	42.42	PK2	34.2	-29.9	0	46.72	-	-	74	-27.28	180	108	V
* 4.85664	30.66	MAV1	34.2	-29.9	0	34.96	54	-19.04	-	-	180	108	V
* 7.30766	35.9	PK2	35.8	-25.5	0	46.2	-	-	74	-27.8	0	100	H
* 7.30817	34.78	PK2	35.8	-25.5	0	45.08	-	-	74	-28.92	0	100	V
9.74522	32.31	PK2	36.9	-21.6	0	47.61	-	-	74	-26.39	0	100	H
9.74944	32.01	PK2	36.9	-21.5	0	47.41	-	-	74	-26.59	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

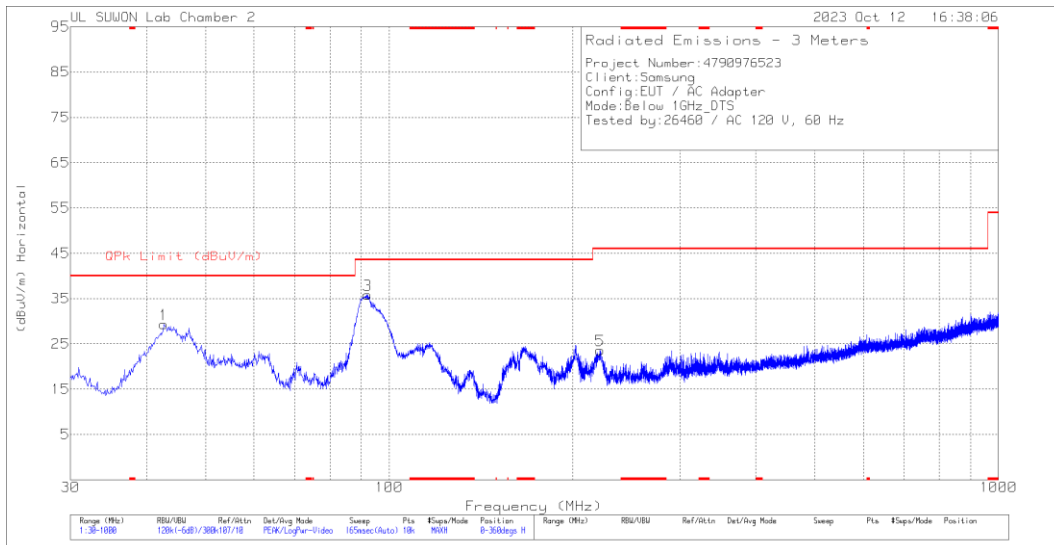
HARMONICS AND SPURIOUS EMISSIONS TEST DATA

Freq. [MHz]	Antenna	Frequency [GHz]	Reading [dBuV]	Detector Mode	ANT Factor [dB]	Loss [dB]	DC Corr [dB]	Result [dBuV/m]	AV Limit [dBuV/m]	AV Margin [dB]	PK Limit [dBuV/m]	PK Margin [dB]	Azimuth [Degs]	Height [cm]	Polarity
2417 RU4	MIMO	* 4.83316	42.19	PK2	34.20	-30.00	0.00	46.39	-	-	74.00	-27.61	209	126	H
		* 4.83388	30.64	MAv1	34.20	-30.00	0.00	34.84	54.00	-19.16	-	-	209	126	H
		* 4.83405	41.38	PK2	34.20	-30.00	0.00	45.58	-	-	74.00	-28.42	273	100	V
		* 4.83403	29.40	MAv1	34.20	-30.00	0.00	33.60	54.00	-20.40	-	-	273	100	V
		* 7.25151	35.20	PK2	35.80	-25.70	0.00	45.30	-	-	74.00	-28.70	0	100	H
		* 7.25153	36.61	PK2	35.80	-25.70	0.00	46.71	-	-	74.00	-27.29	0	100	V
		9.670	32.48	PK2	36.80	-21.70	0.00	47.58	-	-	74.00	-26.42	0	100	H
		9.670	33.33	PK2	36.80	-21.70	0.00	48.43	-	-	74.00	-25.57	0	100	V
2437 RU0	MIMO	* 4.85697	43.30	PK2	34.20	-29.90	0.00	47.60	-	-	74.00	-26.40	212	106	H
		* 4.85699	31.86	MAv1	34.20	-29.90	0.00	36.16	54.00	-17.84	-	-	212	106	H
		* 4.85684	42.42	PK2	34.20	-29.90	0.00	46.72	-	-	74.00	-27.28	180	108	V
		* 4.85664	30.66	MAv1	34.20	-29.90	0.00	34.96	54.00	-19.04	-	-	180	108	V
		* 7.30766	35.90	PK2	35.80	-25.50	0.00	46.20	-	-	74.00	-27.80	0	100	H
		* 7.30817	34.78	PK2	35.80	-25.50	0.00	45.08	-	-	74.00	-28.92	0	100	V
		9.745	32.31	PK2	36.90	-21.60	0.00	47.61	-	-	74.00	-26.39	0	100	H
		9.749	32.01	PK2	36.90	-21.50	0.00	47.41	-	-	74.00	-26.59	0	100	V
2462 RU0	MIMO	* 4.92164	40.01	PK2	34.20	-29.90	0.00	44.31	-	-	74.00	-29.69	0	100	H
		* 4.92513	39.70	PK2	34.30	-30.00	0.00	44.00	-	-	74.00	-30.00	0	100	V
		* 7.38359	34.26	PK2	35.70	-25.40	0.00	44.56	-	-	74.00	-29.44	0	100	H
		* 7.38453	34.32	PK2	35.70	-25.40	0.00	44.62	-	-	74.00	-29.38	0	100	V
		9.847	31.41	PK2	37.10	-21.40	0.00	47.11	-	-	74.00	-26.89	0	100	H
		9.854	32.42	PK2	37.10	-21.30	0.00	48.22	-	-	74.00	-25.78	0	100	V

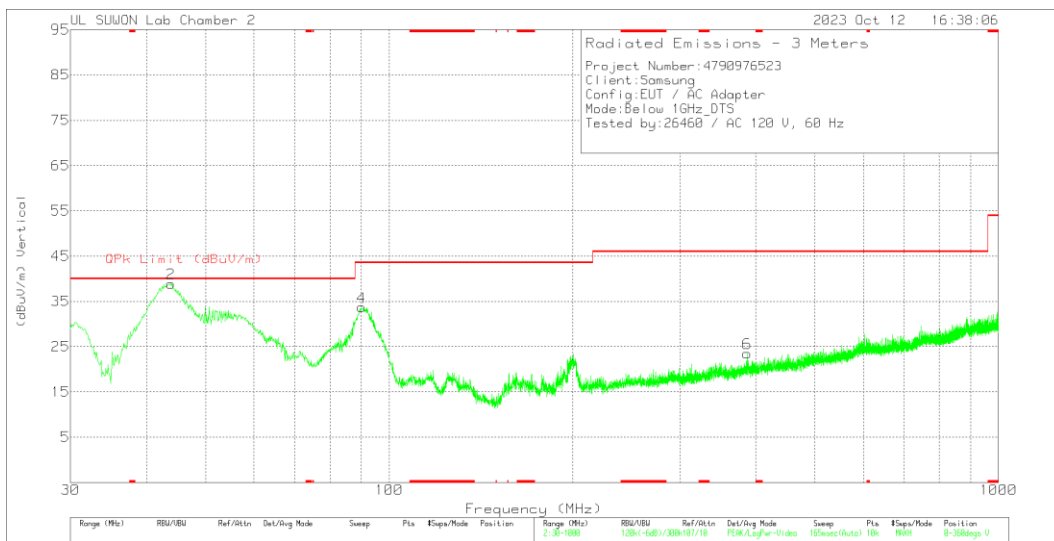
Note1. PK2 - KDB558074 Method: Maximum Peak / MAv1 - KDB558074 Option 1 Maximum RMS Average

Note2. * - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

10.2. WORST CASE BELOW 1 GHZ



HORIZONTAL



VERTICAL

Below 1GHz DATA

Trace Markers

Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	Antenn Correction Factor[dB/m]	Loss(dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	QPk Limit (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Marker
1	42.707	41.74	Pk	19.4	-31.8	0	29.34	40	-10.66	0-360	300	H
3	92.177	50.73	Pk	16.3	-31.2	0	35.83	43.52	-7.69	0-360	200	H
5	221.963	36.81	Pk	17.2	-30.4	0	23.61	46.02	-22.41	0-360	100	H
2	43.871	51.02	PK	19.7	-31.8	0	38.92	40	-1.08	0-360	100	V
4	90.14	49.13	Pk	15.9	-31.3	0	33.73	43.52	-9.79	0-360	100	V
6	386.96	32.32	Pk	20.9	-29.7	0	23.52	46.02	-22.5	0-360	100	V

Pk - Peak detector

Radiated Emissions

Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	Antenn Correction Factor[dB/m]	Loss(dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	QPk Limit (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)
43.871	44.62	Qp	19.7	-31.8	0	32.52	40	-7.48	211	111	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.

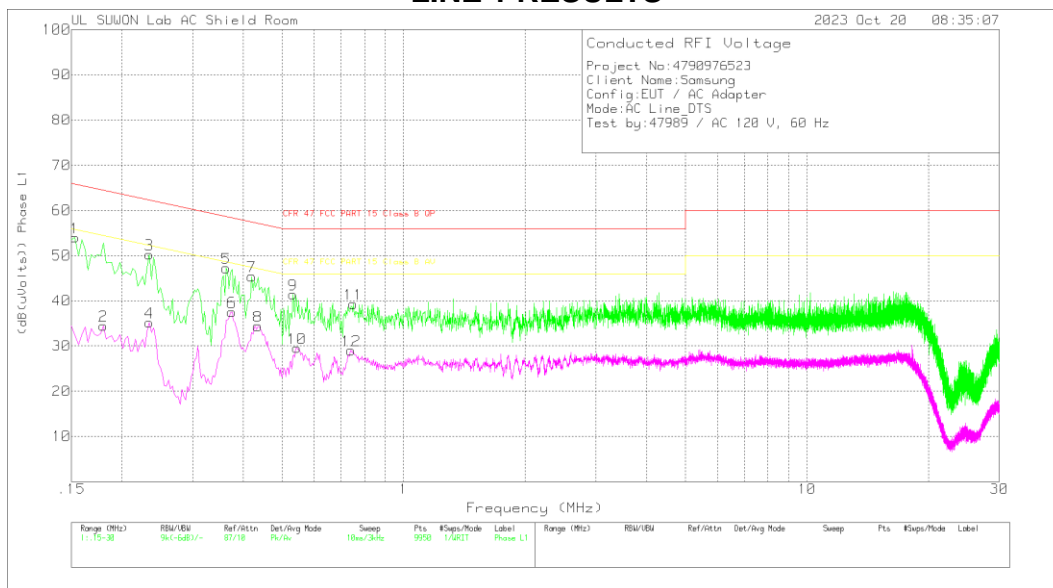
The receiver is set to a resolution bandwidth of 9 kHz. Peak detection is used unless otherwise noted as quasi-peak or average.

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

RESULTS

11.1.1. 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))	47 CFR FCC PART 15 Class B QP (dB(uVolts))	Margin (dB)	47 CFR FCC PART 15 Class B AV (dB(uVolts))	Margin (dB)
1	.153	44.41	Pk	9.5	.1	54.01	65.84	-11.83	-	-
2	.18	24.79	Av	9.5	.2	34.49	-	-	54.49	-20
3	.234	40.55	Pk	9.5	.2	50.25	62.31	-12.06	-	-
4	.234	25.51	Av	9.5	.2	35.21	-	-	52.31	-17.1
5	.363	37.54	Pk	9.5	.2	47.24	58.66	-11.42	-	-
6	.375	27.85	Av	9.5	.2	37.55	-	-	48.39	-10.84
7	.42	35.7	Pk	9.5	.2	45.4	57.45	-12.05	-	-
8	.435	24.7	Av	9.5	.2	34.4	-	-	47.16	-12.76
9	.531	31.6	Pk	9.6	.2	41.4	56	-14.6	-	-
10	.543	19.74	Av	9.6	.2	29.54	-	-	46	-16.46
11	.75	29.5	Pk	9.6	.2	39.3	56	-16.7	-	-
12	.741	19.23	Av	9.6	.2	29.03	-	-	46	-16.97

Pk - Peak detector

Av - Average detection

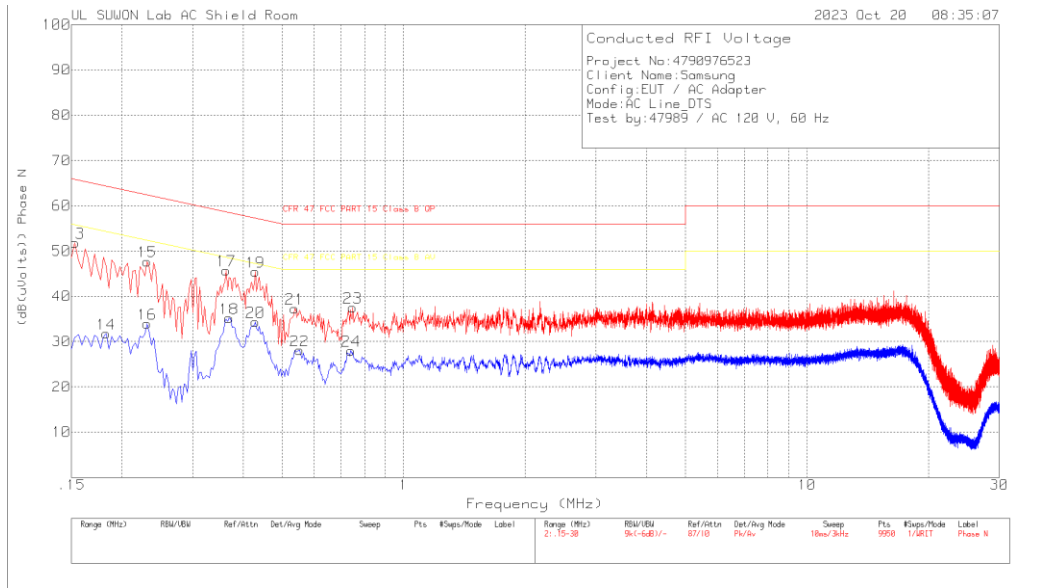
Quasi-Peak Emissions

Range 1: Phase L1 .15 - 30MHz

Frequency (MHz)	Meter Reading (dBuV)	Det	101836_AUT O_With EX_L1[dB]	CABLELOS S[dB]	Corrected Reading (dB(uVolts))	47 CFR FCC PART 15 Class B QP (dB(uVolts))	Margin (dB)	47 CFR FCC PART 15 Class B AV (dB(uVolts))	Margin (dB)
.15225	33.95	Qp	9.5	.1	43.55	65.88	-22.33	-	-
.23475	32.27	Qp	9.5	.2	41.97	62.28	-20.31	-	-
.37515	32.03	Qp	9.5	.2	41.73	58.39	-16.66	-	-
.43425	29.78	Qp	9.5	.2	39.48	57.17	-17.69	-	-

Qp - Quasi-Peak detector

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))	47 CFR FCC PART 15 Class B QP (dB(uVolts))	Margin (dB)	47 CFR FCC PART 15 Class B AV (dB(uVolts))	Margin (dB)
13	.153	42.24	Pk	9.5	.1	51.84	65.84	-14	-	-
14	.183	22.05	Av	9.5	.2	31.75	-	-	54.35	-22.6
15	.231	38.02	Pk	9.5	.2	47.72	62.41	-14.69	-	-
16	.231	24.26	Av	9.5	.2	33.96	-	-	52.41	-18.45
17	.363	36.03	Pk	9.5	.2	45.73	58.66	-12.93	-	-
18	.369	25.46	Av	9.5	.2	35.16	-	-	48.52	-13.36
19	.429	35.73	Pk	9.5	.2	45.43	57.27	-11.84	-	-
20	.429	24.65	Av	9.5	.2	34.35	-	-	47.27	-12.92
21	.537	27.5	Pk	9.6	.2	37.3	56	-18.7	-	-
22	.552	18.29	Av	9.6	.2	28.09	-	-	46	-17.91
23	.747	27.73	Pk	9.6	.2	37.53	56	-18.47	-	-
24	.741	18.2	Av	9.6	.2	28	-	-	46	-18

Pk - Peak detector

Av - Average detection

Quasi-Peak Emissions

Range 2: Phase N .15 - 30MHz

Frequency (MHz)	Meter Reading (dBuV)	Det	101836_AU TO_With EX_N[dB]	CABLELOS S[dB]	Corrected Reading (dB(uVolts))	47 CFR FCC PART 15 Class B QP (dB(uVolts))	Margin (dB)	47 CFR FCC PART 15 Class B AV (dB(uVolts))	Margin (dB)
.15225	33.86	Qp	9.5	.1	43.46	65.88	-22.42	-	-
.23175	31.85	Qp	9.5	.2	41.55	62.39	-20.84	-	-
.36825	31.57	Qp	9.5	.2	41.27	58.54	-17.27	-	-
.42975	30.51	Qp	9.5	.2	40.21	57.26	-17.05	-	-

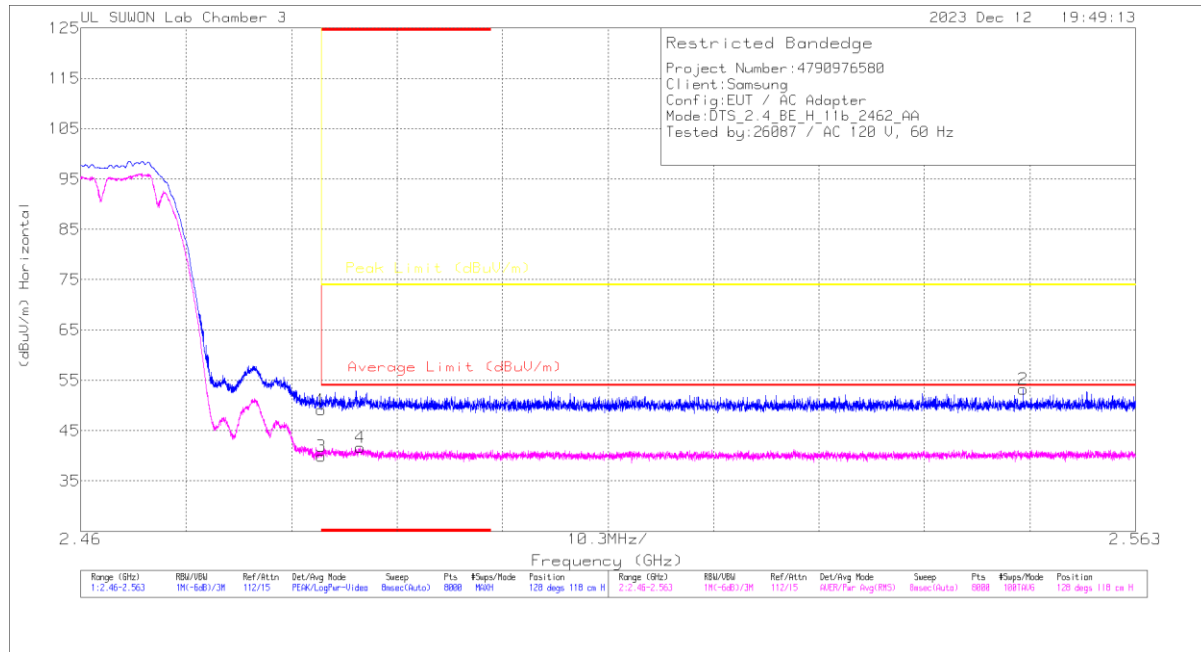
Qp - Quasi-Peak detector

12. SPOT-CHECK THEST RESULT

2TX Antenna 1 + Antenna 2

BANDEDGE (WORST CASE : 802.11b / 2462 MHz)

2462 MHz HORIZONTAL

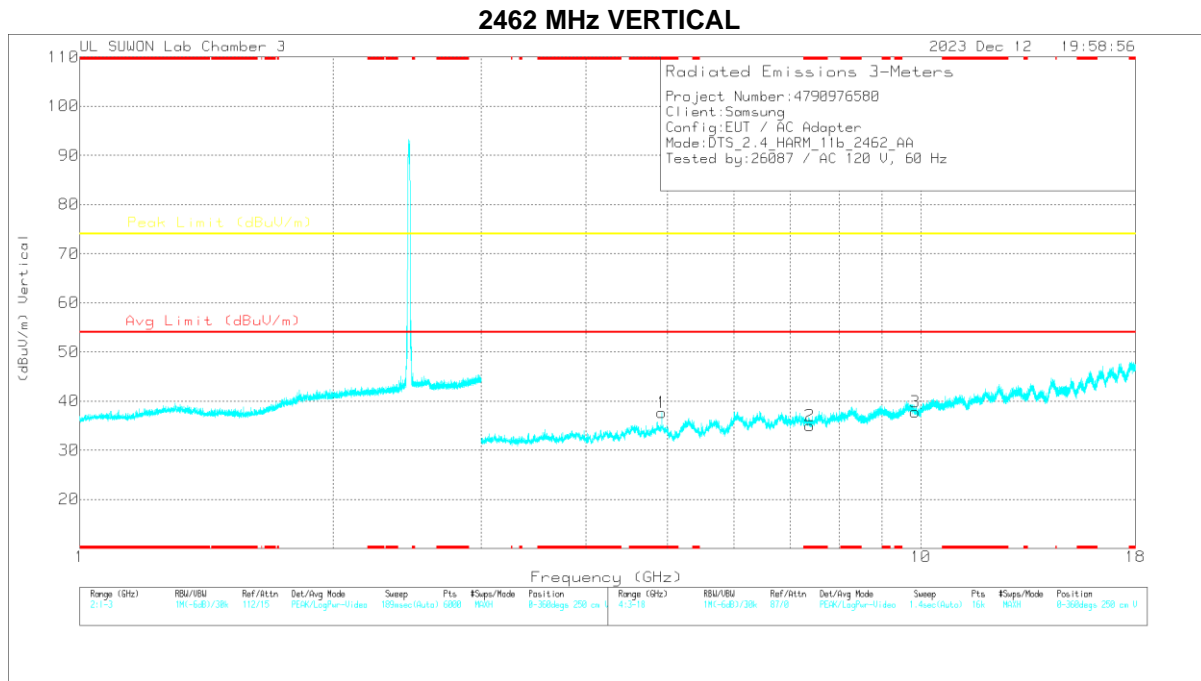


Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	Antenna Correction Factor(dBm)	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	41.5	PK	32.4	-24.8	0	49.1	-	-	74	-24.9	128	118	H
2	2.55205	45.59	PK	32.4	-24.7	0	53.29	-	-	74	-20.71	128	118	H
3	* 2.4835	32.26	RMS	32.4	-24.8	0	39.86	54	-14.14	-	-	128	118	H
4	* 2.48729	34.21	RMS	32.4	-24.9	0	41.71	54	-12.29	-	-	128	118	H

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

HARMONICS AND SPURIOUS EMISSIONS (WORST CASE: 802.11b / 2462 MHz)



Note: Emission was scanned up to 40GHz; No emissions were detected above the noise floor which was at least 20dB below the specification limit.

Radiated Emissions

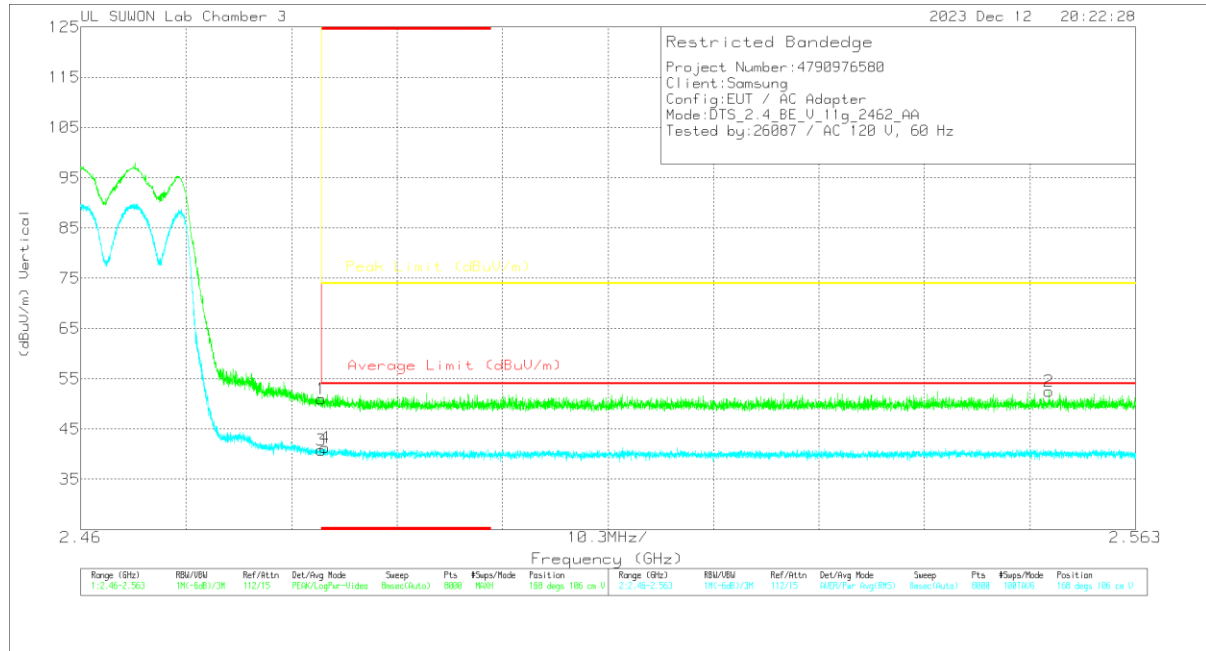
Frequency (GHz)	Meter Reading (dBuV)	Det	Antenna Correction Factor (dB/m)	Loss (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
* 4.92399	42.01	PK2	34.2	-30	0	46.21	-	-	74	-27.79	34	104	V
* 4.924	33.38	MAv1	34.2	-30	0	37.58	54	-16.42	-	-	34	104	V

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

2TX Antenna 1 + Antenna 2

BANDEDGE (WORST CASE : 802.11g / 2462 MHz)

2462 MHz VERTICAL



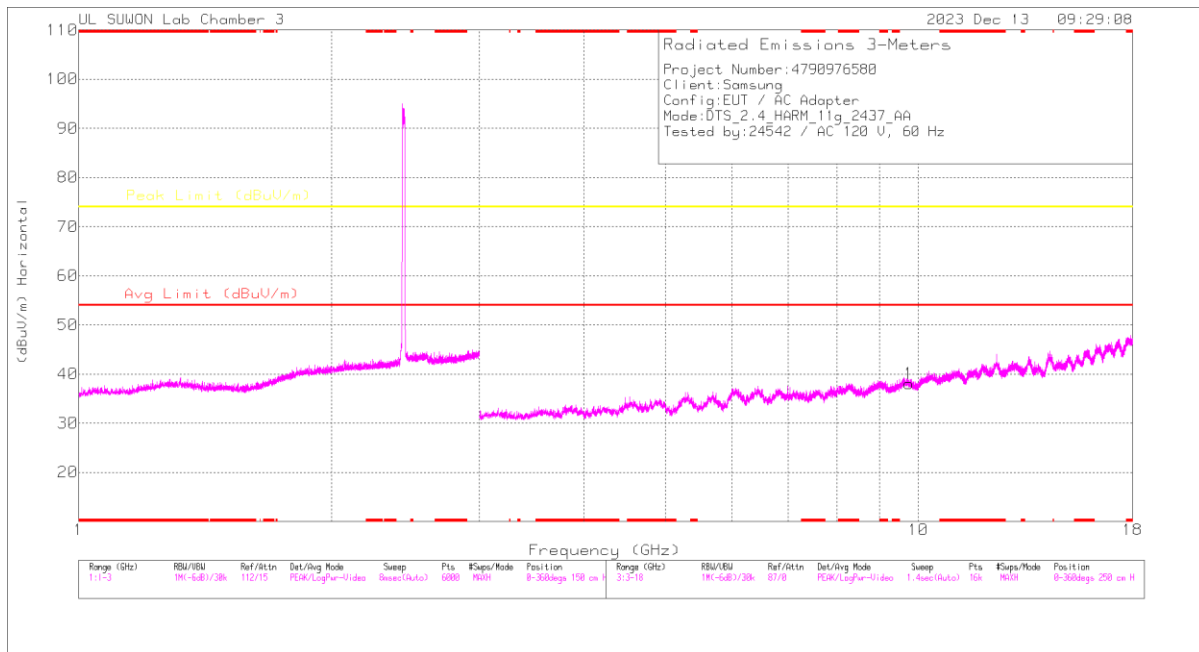
Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	Antenna Correction Factor(dBm)	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	43.35	PK	32.4	-24.8	0	50.95	-	-	74	-23.05	168	106	V
2	2.5457	44.72	PK	32.4	-24.6	0	52.52	-	-	74	-21.48	168	106	V
3	* 2.4835	33	RMS	32.4	-24.9	.16	40.76	54	-13.24	-	-	168	106	V
4	* 2.48384	33.57	RMS	32.4	-24.8	.16	41.33	54	-12.67	-	-	168	106	V

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

HARMONICS AND SPURIOUS EMISSIONS (WORST CASE: 802.11g / 2437 MHz)

2437 MHz HORIZONTAL



Note: Emission was scanned up to 40GHz; No emissions were detected above the noise floor which was at least 20dB below the specification limit.

Radiated Emissions

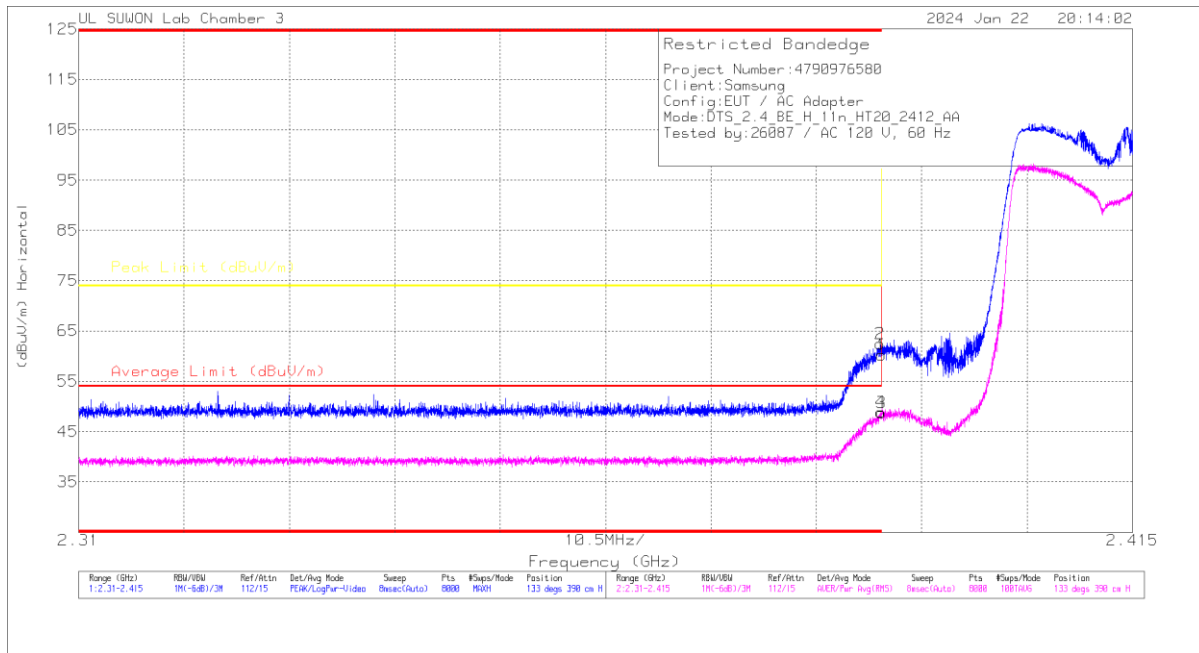
Frequency (GHz)	Meter Reading (dBuV)	Det	Antenna Correction Factor(dBm)	Loss(dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
9.75067	32.72	PK-U	36.9	-21.5	0	48.12	-	-	74	-25.88	0	100	H

* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band
 PK-U - U-NII: Maximum Peak

2TX Antenna 1 + Antenna 2

BANDEDGE (WORST CASE: 802.11n HT20 / 2412 MHz)

2412 MHz HORIZONTAL



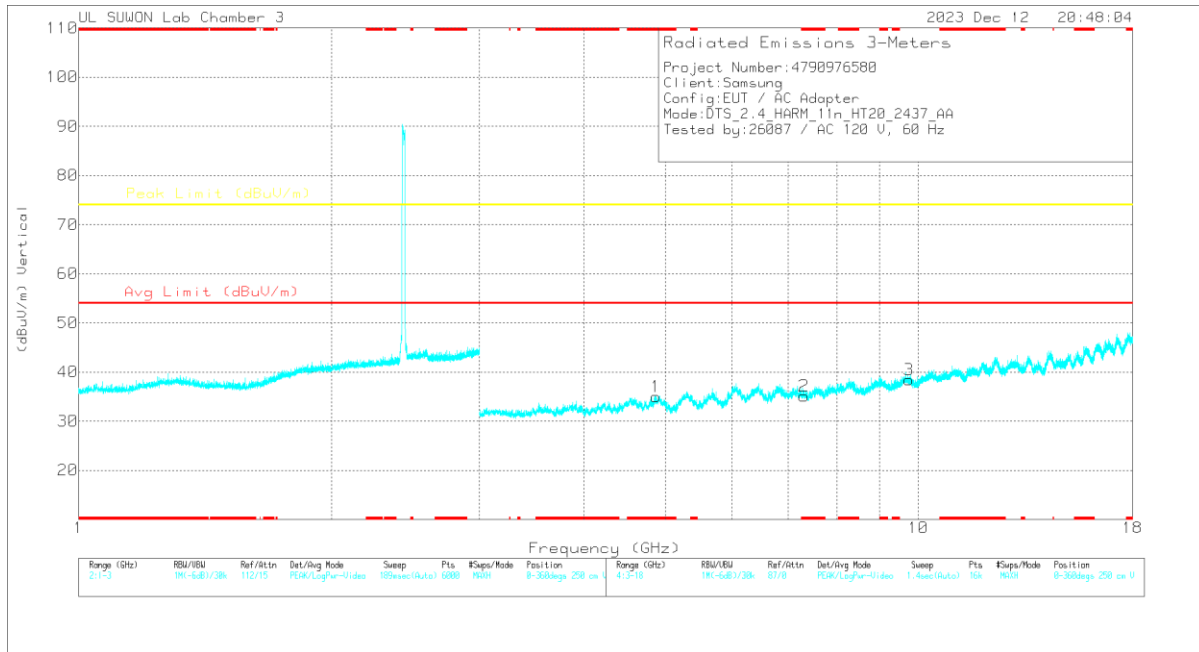
Trace Markers

Marker	Frequency (GHz)	Meas. Reading (dBuV)	Det.	Antenna Correction Factor(dBm)	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	52.94	PK	32.1	-24.8	0	60.24	-	-	74	-13.76	133	390	H
2	* 2.38985	55.13	PK	32.1	-24.8	0	62.43	-	-	74	-11.57	133	390	H
3	* 2.39	41.4	RMS	32.1	-24.8	.09	48.79	54	-5.21	-	-	133	390	H
4	* 2.38993	41.52	RMS	32.1	-24.8	.09	48.91	54	-5.09	-	-	133	390	H

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

HARMONICS AND SPURIOUS EMISSIONS(WORST CASE: 802.11n HT20 / 2437 MHz)

2437 MHz VERTICAL



Note: Emission was scanned up to 40GHz; No emissions were detected above the noise floor which was at least 20dB below the specification limit.

Radiated Emissions

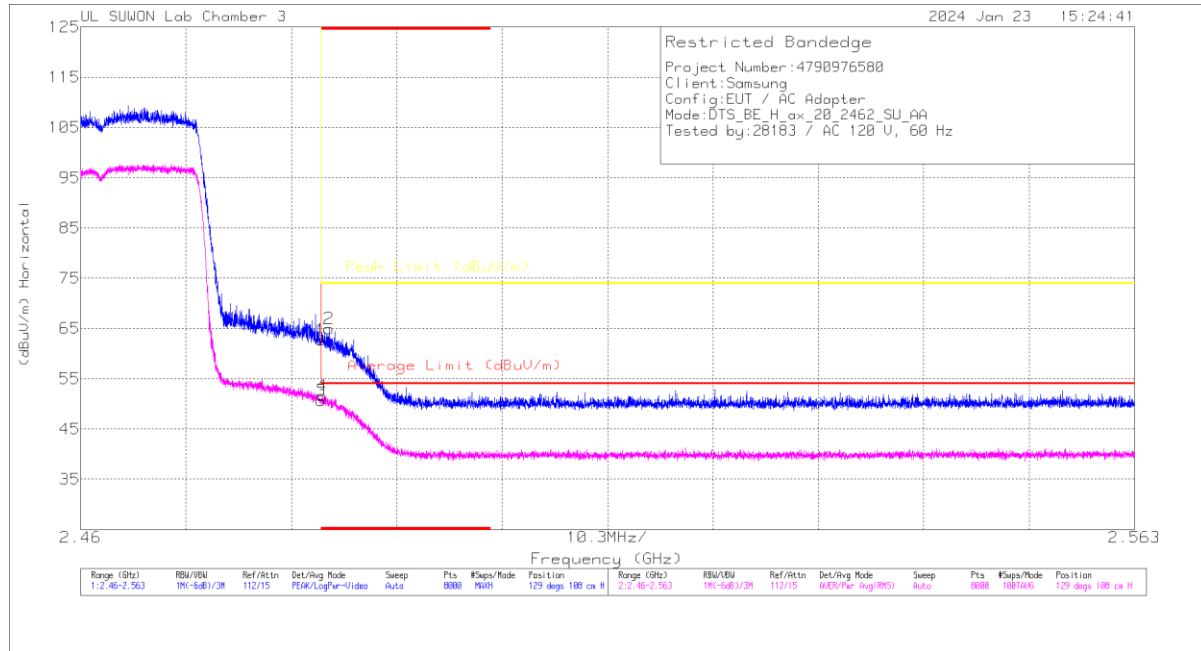
Frequency (GHz)	Meter Reading (dBuV)	Det	Antenna Correction Factor(dB/m)	Loss(dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
9.74853	32.79	PK2	36.9	-21.6	0	48.09	-	-	74	-25.91	0	100	V

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

2TX Antenna 1 + Antenna 2

BANDEDGE (WORST CASE: 802.11ax HE20 SU / 2462 MHz)

2462 MHz HORIZONTAL



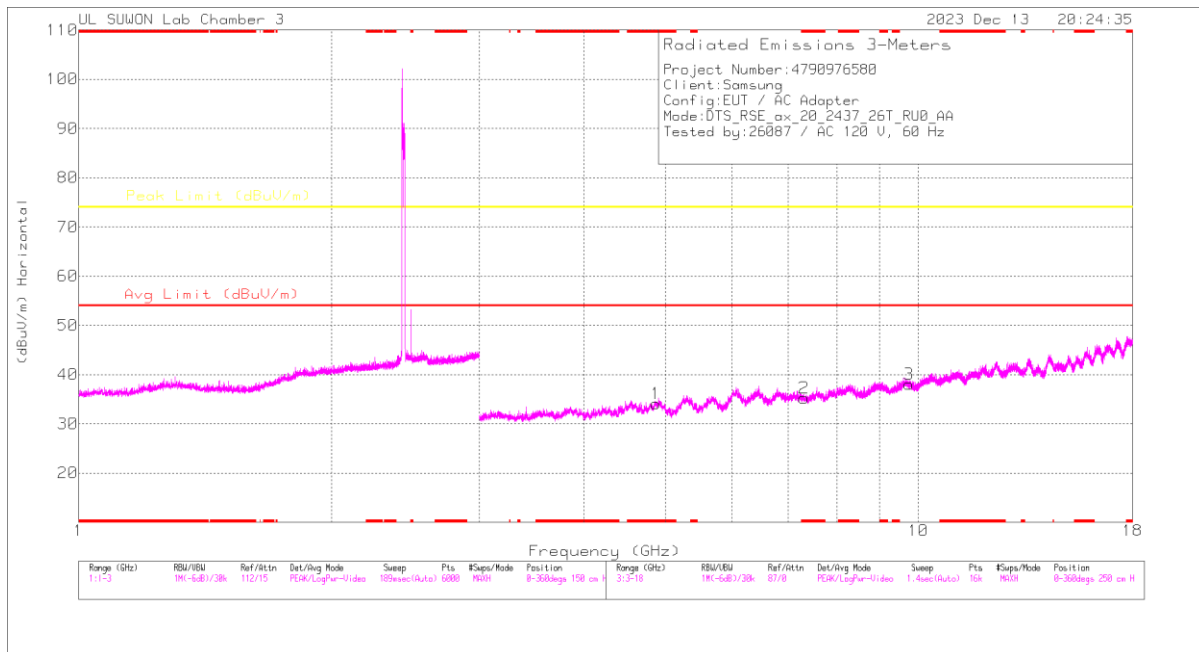
Trace Markers

Marker	Frequency (GHz)	Meas Reading (dBuV)	Det	Antenna Correction Factor(dBm)	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	55.07	PK	32.4	-24.8	0	62.67	-	-	74	-11.33	129	108	H
2	* 2.48426	57.31	PK	32.4	-24.8	0	64.91	-	-	74	-9.09	129	108	H
3	* 2.4835	43.05	RMS	32.4	-24.8	0	50.65	54	-3.35	-	-	129	108	H
4	* 2.48362	44.02	RMS	32.4	-24.8	0	51.62	54	-2.38	-	-	129	108	H

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

HARMONICS AND SPURIOUS EMISSIONS (WORST CASE: 802.11ax HE20 26T RU0 / 2437 MHz)

2437 MHz HORIZONTAL



Note: Emission was scanned up to 40GHz; 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)	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
* 4.87396	40.33	PK2	34.2	-29.8	0	44.73	-	-	74	-29.27	0	100	H
* 4.87423	28.85	MAv1	34.2	-29.8	0	33.25	54	-20.75	-	-	0	100	H

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

END OF TEST REPORT