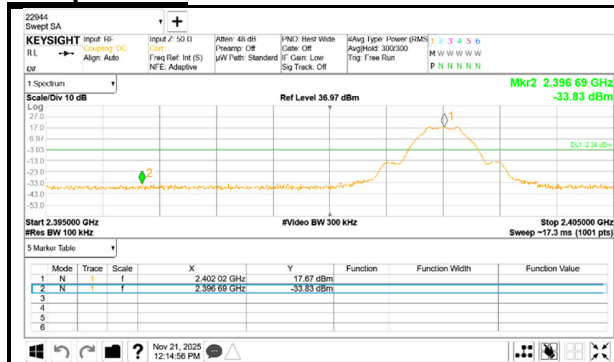
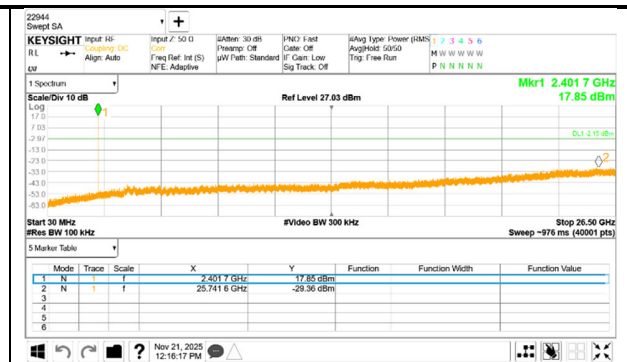


9.6.1. Test plot

1 Mbps ANT1



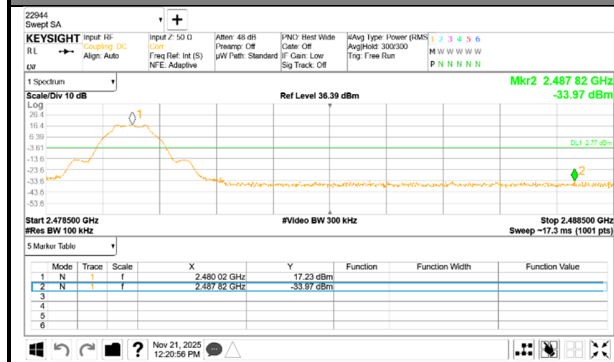
LOW(37) CHANNEL BANDEDGE



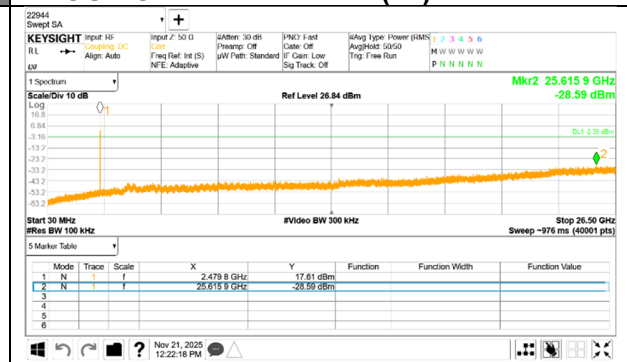
OUT-OF-BAND LOW(37) CHANNEL



OUT-OF-BAND MIDDLE(17) CHANNEL

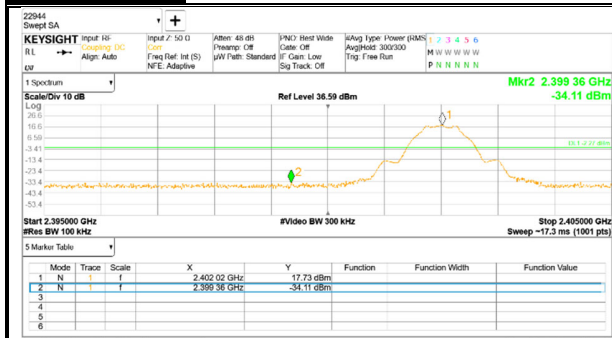


HIGH(39) CHANNEL BANDEDGE

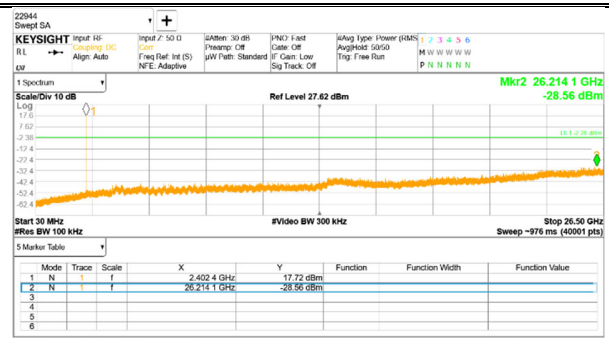


OUT-OF-BAND HIGH(39) CHANNEL

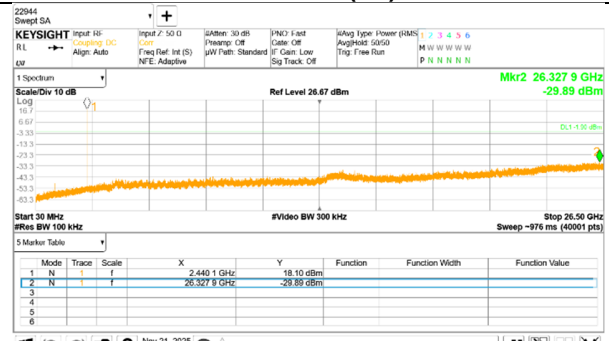
1 Mbps ANT2



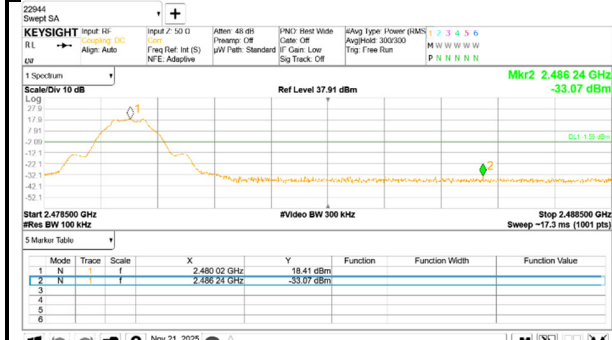
LOW(37) CHANNEL BANDEDGE



OUT-OF-BAND LOW(37) CHANNEL



OUT-OF-BAND MIDDLE(17) CHANNEL

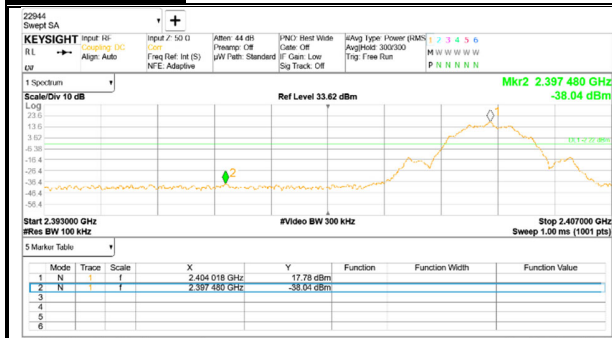


HIGH(39) CHANNEL BANDEDGE

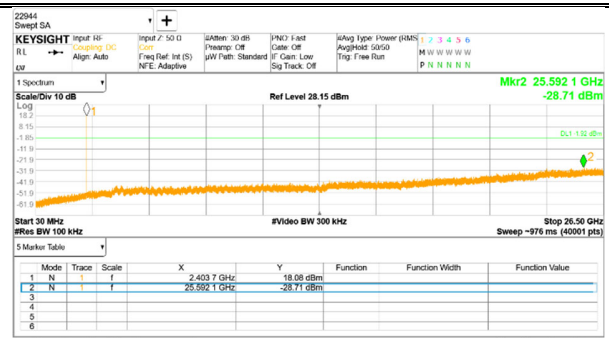


OUT-OF-BAND HIGH(39) CHANNEL

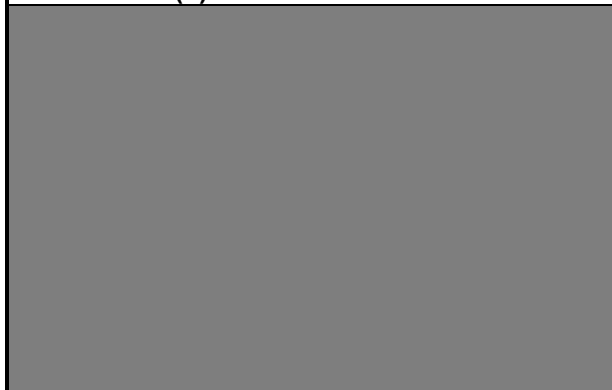
2 Mbps ANT1



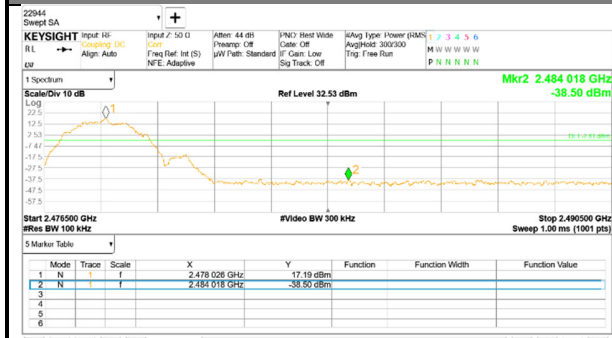
LOW(0) CHANNEL BANDEDGE



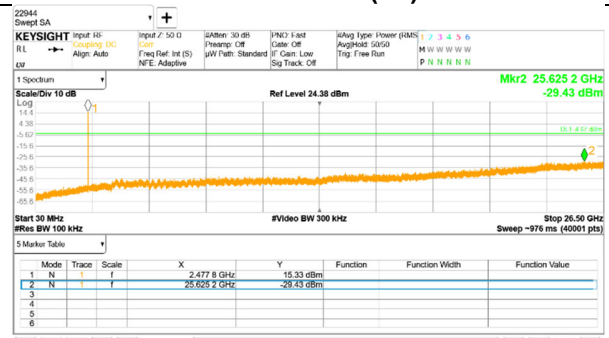
OUT-OF-BAND LOW(0) CHANNEL



OUT-OF-BAND MIDDLE(17) CHANNEL

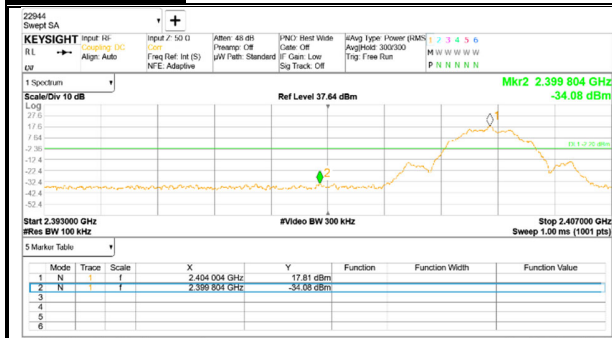


HIGH(36) CHANNEL BANDEDGE

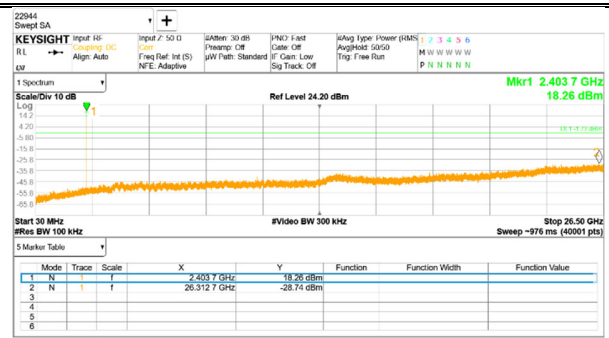


OUT-OF-BAND HIGH(36) CHANNEL

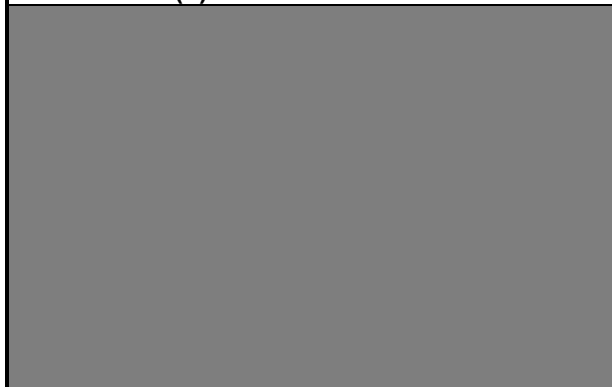
2 Mbps ANT2



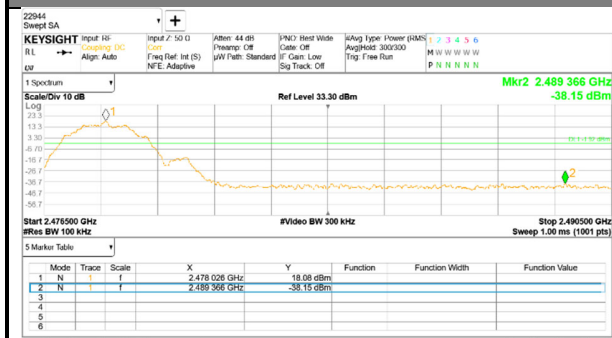
LOW(0) CHANNEL BANDEDGE



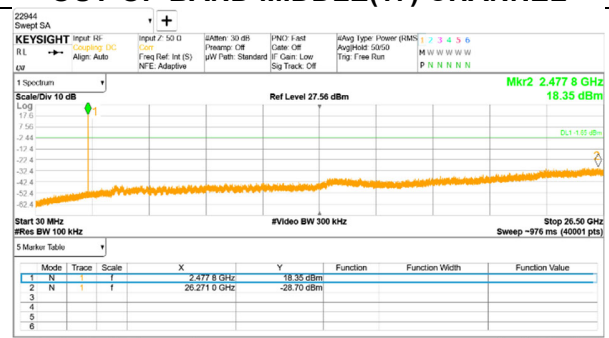
OUT-OF-BAND LOW(0) CHANNEL



OUT-OF-BAND MIDDLE(17) CHANNEL



HIGH(36) CHANNEL BANDEDGE



OUT-OF-BAND HIGH(36) CHANNEL

10. RADIATED TEST RESULTS

10.1. LIMITS AND PROCEDURE

LIMITS

FCC §15.205 and §15.209

Limits for radiated disturbance of an intentional radiator		
Frequency range (MHz)	Limits (µV/m)	Measurement Distance (m)
0.009 – 0.490	2400 / F (kHz)	300
0.490 – 1.705	24000 / F (kHz)	30
1.705 – 30.0	30	30
30 – 88	100**	3
88 - 216	150**	3
216 – 960	200**	3
Above 960	500	3

** Except as provided in paragraph (g), fundamental emissions from intentional radiators operating under this section shall not be located in the frequency bands 54-72 MHz, 76-88 MHz, 174-216 MHz or 470-806 MHz. However, operation within these frequency bands is permitted under other sections of this part, e.g. §§ 15.231 and 15.241.

TEST PROCEDURE

The EUT is placed on a non-conducting table 80 cm above the ground plane for below 1GHz and 150 cm for above 1GHz. The antenna to EUT distance is 3 meters. The EUT is configured in accordance with ANSI C63.10. The EUT is set to transmit in a continuous mode.

For measurements below 1 GHz the resolution bandwidth is set to 100 kHz for peak detection measurements or 120 kHz for quasi-peak detection measurements. Peak detection is used unless otherwise noted as quasi-peak.

For measurements above 1 GHz the resolution bandwidth is set to 1 MHz, then the video bandwidth is set to 3 MHz for peak measurements and add duty cycle factor for average measurements. (Restricted band-edge, Final detection of spurious harmonic emissions)
Duty cycle factor = $10 \log (1/x)$. For this sample:

Mode	Duty cycle x [Linear]	Duty Cycle Correction Factor [dB]	Antenna
1 Mbps [37pkt]	0.5195	2.84	Antenna 1 and 2
1 Mbps [37pkt]	0.5195	2.84	Dual mode
2 Mbps [37pkt]	0.3872	4.12	Antenna 1 and 2
2 Mbps [37pkt]	0.3872	4.12	Dual mode

Pre-scans to detect harmonic and spurious emissions, the resolution bandwidth is set to 1 MHz; the video bandwidth is set to 30 kHz for peak measurements.

The spectrum from 1 GHz to 26 GHz is investigated with the transmitter set to the lowest, middle, and highest channels in the 2.4 GHz band.
(From 30MHz to 1GHz, test was performed with the EUT set to transmit at the channel with highest output power)

The frequency range of interest is monitored at a fixed antenna height and EUT azimuth. The EUT is rotated through 360 degrees to maximize emissions received. The antenna is scanned from 1 to 4 meters above the ground plane to further maximize the emission. Measurements are made with the antenna polarized in both the vertical and the horizontal positions.

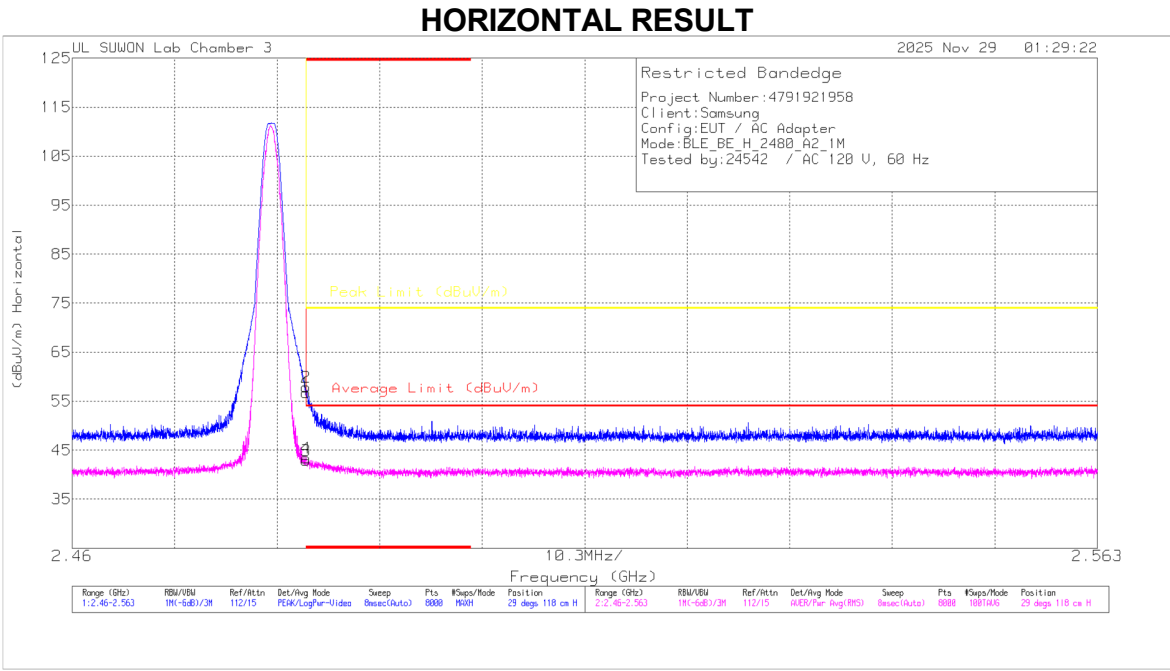
Note : Emission was pre-scanned from 9kHz to 30MHz; No emissions were detected which was at least 20dB below the specification limit (consider distance correction factor).
Per FCC part 15.31(o), test results were not reported.

Although these tests were performed other than open field test site, adequate comparison measurements were confirmed against 30 m open are test site.
Therefore sufficient tests were made to demonstrate that the alternative site produces results that correlate with the one of tests made in an open field based on KDB 414788.

10.2. TRANSMITTER ABOVE 1 GHz

10.2.1. TX ABOVE 1 GHz BLUETOOTH LE 1 Mbps

BANDEDGE (WORST CASE: 2480 MHz, ANT2)



Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	Antenna_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	49.21	Pk	32.4	-24.9	0	56.71	-	-	74	-17.29	29	118	H
2	* 2.48351	50.39	Pk	32.4	-24.9	0	57.89	-	-	74	-16.11	29	118	H
3	* 2.4835	32.56	RMS	32.4	-24.9	2.84	42.9	54	-11.1	-	-	29	118	H
4	* 2.48351	33.05	RMS	32.4	-24.9	2.84	43.39	54	-10.61	-	-	29	118	H

* - indicates frequency in 47 CFR Pt 15 / IC RSS-Restricted Band
Pk - Peak detector
RMS - RMS detection

BANDEDGE TEST DATA

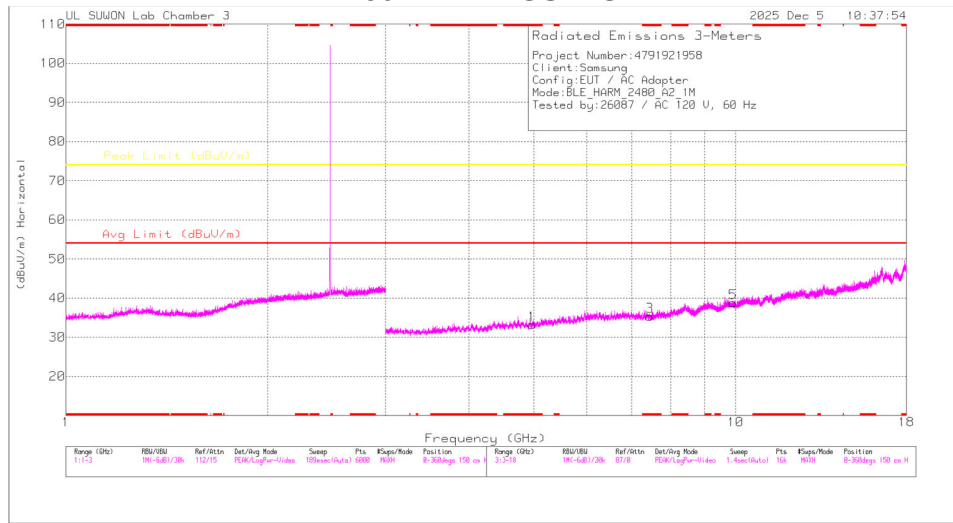
Freq. [MHz]	Antenna	Frequency [GHz]	Reading [dBuV]	Detector Mode	ANT Factor [dB/m]	Loss [dB]	DC Corr [dB]	Result [dBuV/m]	AV Limit [dBuV/m]	AV Margin [dB]	PK Limit [dBuV/m]	PK Margin [dB]	Azimuth [Degs]	Height [cm]	Polarity
2402	ANT1	* 2.39	40.09	Pk	32.10	-24.90	0.00	47.29	-	-	74.00	-26.71	121	103	H
		* 2.34607	42.88	Pk	32.00	-25.00	0.00	49.88	-	-	74.00	-24.12	121	103	H
		* 2.39	30.34	RMS	32.10	-24.90	2.84	40.38	54.00	-13.62	-	-	121	103	H
		* 2.35936	31.30	RMS	32.00	-25.00	2.84	41.14	54.00	-12.86	-	-	121	103	H
		* 2.39	40.65	Pk	32.10	-24.90	0.00	47.85	-	-	74.00	-26.15	95	113	V
		* 2.38019	42.49	Pk	32.10	-25.10	0.00	49.49	-	-	74.00	-24.51	95	113	V
		* 2.39	30.15	RMS	32.10	-24.90	2.84	40.19	54.00	-13.81	-	-	95	113	V
		* 2.34543	31.54	RMS	32.00	-25.00	2.84	41.38	54.00	-12.62	-	-	95	113	V
2480	ANT1	* 2.4835	48.33	Pk	32.40	-24.90	0.00	55.83	-	-	74.00	-18.17	164	158	H
		* 2.48354	49.56	Pk	32.40	-24.90	0.00	57.06	-	-	74.00	-16.94	164	158	H
		* 2.4835	31.38	RMS	32.40	-24.90	2.84	41.72	54.00	-12.28	-	-	164	158	H
		* 2.48367	32.78	RMS	32.40	-24.90	2.84	43.12	54.00	-10.88	-	-	164	158	H
		* 2.4835	47.96	Pk	32.40	-24.90	0.00	55.46	-	-	74.00	-18.54	83	104	V
		* 2.48364	48.18	Pk	32.40	-24.90	0.00	55.68	-	-	74.00	-18.32	83	104	V
		* 2.4835	31.14	RMS	32.40	-24.90	2.84	41.48	54.00	-12.52	-	-	83	104	V
		* 2.48368	32.73	RMS	32.40	-24.90	2.84	43.07	54.00	-10.93	-	-	83	104	V
2402	ANT2	* 2.39	39.70	Pk	32.10	-24.90	0.00	46.90	-	-	74.00	-27.10	148	137	H
		* 2.34777	43.29	Pk	32.00	-25.00	0.00	50.29	-	-	74.00	-23.71	148	137	H
		* 2.39	29.70	RMS	32.10	-24.90	2.84	39.74	54.00	-14.26	-	-	148	137	H
		* 2.36664	31.13	RMS	32.00	-24.90	2.84	41.07	54.00	-12.93	-	-	148	137	H
		* 2.39	39.90	Pk	32.10	-24.90	0.00	47.10	-	-	74.00	-26.90	95	296	V
		* 2.34395	42.93	Pk	32.00	-25.10	0.00	49.83	-	-	74.00	-24.17	95	296	V
		* 2.39	29.17	RMS	32.10	-24.90	2.84	39.21	54.00	-14.79	-	-	95	296	V
		* 2.38282	31.26	RMS	32.10	-25.00	2.84	41.20	54.00	-12.80	-	-	95	296	V
2480	ANT2	* 2.4835	49.21	Pk	32.40	-24.90	0.00	56.71	-	-	74.00	-17.29	29	118	H
		* 2.48351	50.39	Pk	32.40	-24.90	0.00	57.89	-	-	74.00	-16.11	29	118	H
		* 2.4835	32.56	RMS	32.40	-24.90	2.84	42.90	54.00	-11.10	-	-	29	118	H
		* 2.48351	33.05	RMS	32.40	-24.90	2.84	43.39	54.00	-10.61	-	-	29	118	H
		* 2.4835	48.91	Pk	32.40	-24.90	0.00	56.41	-	-	74.00	-17.59	95	321	V
		* 2.48351	49.00	Pk	32.40	-24.90	0.00	56.50	-	-	74.00	-17.50	95	321	V
		* 2.4835	32.29	RMS	32.40	-24.90	2.84	42.63	54.00	-11.37	-	-	95	321	V
		* 2.48353	33.03	RMS	32.40	-24.90	2.84	43.37	54.00	-10.63	-	-	95	321	V
2402	DUAL	* 2.39	41.97	Pk	31.70	-26.20	0.00	47.47	-	-	74.00	-26.53	28	101	H
		* 2.31536	45.87	Pk	31.50	-26.30	0.00	51.07	-	-	74.00	-22.93	28	101	H
		* 2.39	32.68	RMS	31.70	-26.20	2.84	41.02	54.00	-12.98	-	-	28	101	H
		* 2.38645	33.19	RMS	31.70	-26.10	2.84	41.63	54.00	-12.37	-	-	28	101	H
		* 2.39	42.02	Pk	31.70	-26.20	0.00	47.52	-	-	74.00	-26.48	69	399	V
		* 2.38672	45.29	Pk	31.70	-26.20	0.00	50.79	-	-	74.00	-23.21	69	399	V
		* 2.39	32.52	RMS	31.70	-26.20	2.84	40.86	54.00	-13.14	-	-	69	399	V
		* 2.38605	33.16	RMS	31.70	-26.10	2.84	41.60	54.00	-12.40	-	-	69	399	V
2480	DUAL	* 2.48351	47.56	Pk	32.00	-26.20	0.00	53.36	-	-	74.00	-20.64	31	140	H
		* 2.48355	49.55	Pk	32.00	-26.20	0.00	55.35	-	-	74.00	-18.65	31	140	H
		* 2.48351	33.72	RMS	32.00	-26.20	2.84	42.36	54.00	-11.64	-	-	31	140	H
		* 2.48361	34.57	RMS	32.00	-26.20	2.84	43.21	54.00	-10.79	-	-	31	140	H
		* 2.48351	40.88	Pk	32.00	-26.20	0.00	46.68	-	-	74.00	-27.32	63	400	V
		* 2.48357	45.93	Pk	32.00	-26.20	0.00	51.73	-	-	74.00	-22.27	63	400	V
		* 2.48351	32.96	RMS	32.00	-26.20	2.84	41.60	54.00	-12.40	-	-	63	400	V
		2.562	33.31	RMS	32.10	-25.90	2.84	42.35	54.00	-11.65	-	-	63	400	V

Note1. Pk - Peak detector, RMS - RMS detector

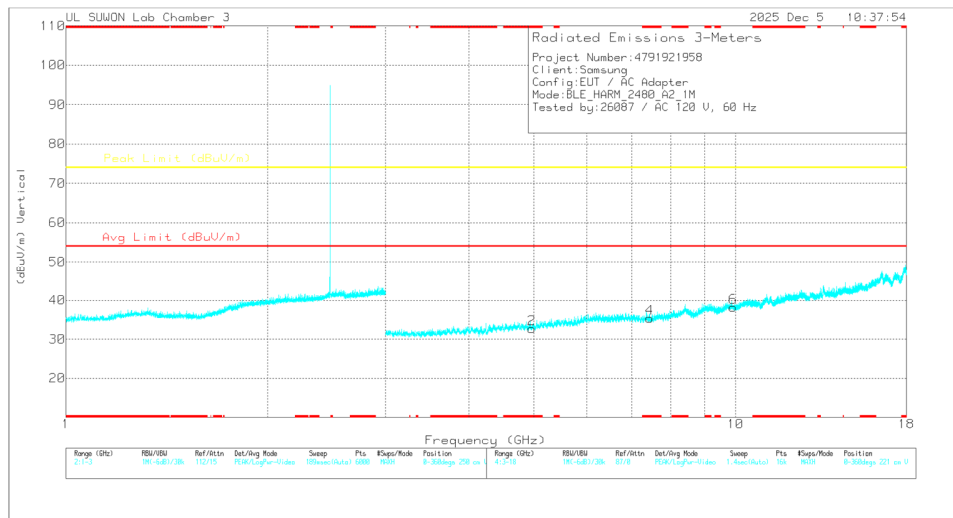
Note2. * - indicates frequency in 47 CFR Pt 15 / IC RSS-Restricted Band

HARMONICS AND SPURIOUS EMISSIONS(WORST CASE: 2480 MHz, ANT2)

2480 MHz 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_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
* 4.9594	41.7	PK2	34.3	-30.4	0	45.6	-	-	74	-28.4	215	103	H
* 4.96013	31.43	MAV1	34.3	-30.3	2.84	38.27	54	-15.73	-	-	215	103	H
* 4.9594	39.3	PK2	34.3	-30.4	0	43.2	-	-	74	-30.8	36	100	V
* 4.95963	28.56	MAV1	34.3	-30.4	2.84	35.3	54	-18.7	-	-	36	100	V
* 7.43991	37.86	PK2	35.7	-25	0	48.56	-	-	74	-25.44	246	117	H
* 7.43929	27.21	MAV1	35.7	-25	2.84	40.75	54	-13.25	-	-	246	117	H
* 7.44064	36.51	PK2	35.7	-25	0	47.21	-	-	74	-26.79	189	100	V
* 7.43927	25.23	MAV1	35.7	-25	2.84	38.77	54	-15.23	-	-	189	100	V
9.92027	31.91	PK2	37.1	-21.5	0	47.51	-	-	74	-26.49	0	100	H
9.91696	32.38	PK2	37.1	-21.4	0	48.08	-	-	74	-25.92	0	100	V

* - indicates frequency in 47 CFR Pt 15 / IC RSS-Restricted Band

PK2 - KDB558074 Method: Maximum Peak

MAV1 - KDB558074 Option 1 Maximum RMS Average

HARMONICS AND SPURIOUS EMISSIONS TEST DATA

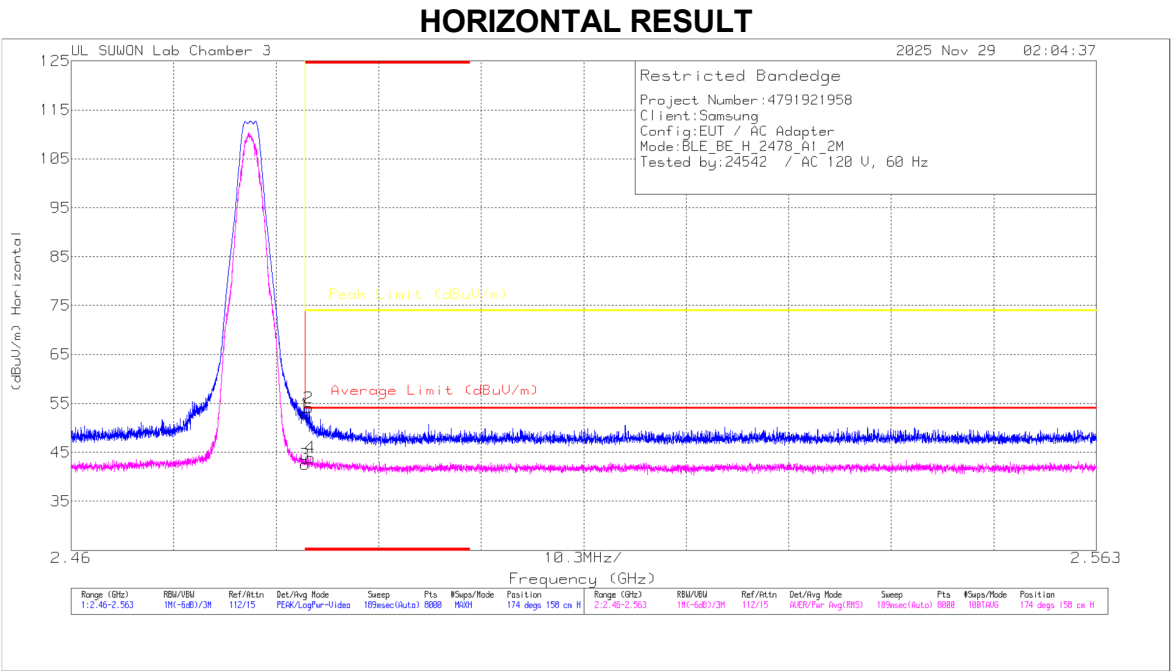
Freq. [MHz]	Antenna	Frequency [GHz]	Reading [dBuV]	Detector Mode	ANT Factor [dB/m]	Loss [dB]	DC Corr [dB]	Result [dBuV/m]	AV Limit [dBuV/m]	AV Margin [dB]	PK Limit [dBuV/m]	PK Margin [dB]	Azimuth [Degs]	Height [cm]	Polarity
2402	ANT1	* 4.80224	39.77	PK2	34.30	-30.20	0.00	43.87	-	-	74.00	-30.13	150	120	H
		* 4.80427	27.98	MAV1	34.30	-30.10	2.84	35.02	54.00	-18.98	-	-	150	120	H
		* 4.80652	39.39	PK2	34.30	-30.10	0.00	43.59	-	-	74.00	-30.41	148	100	V
		* 4.80286	27.99	MAV1	34.30	-30.10	2.84	35.03	54.00	-18.97	-	-	148	100	V
		7.205	35.51	PK2	35.80	-25.80	0.00	45.51	-	-	74.00	-28.49	0	100	H
		7.204	35.40	PK2	35.80	-25.80	0.00	45.40	-	-	74.00	-28.60	0	100	V
		9.608	33.02	PK2	36.70	-21.70	0.00	48.02	-	-	74.00	-25.98	0	100	H
		9.608	32.75	PK2	36.70	-21.70	0.00	47.75	-	-	74.00	-26.25	0	100	V
2440	ANT1	* 4.87985	40.58	PK2	34.20	-30.80	0.00	43.98	-	-	74.00	-30.02	158	105	H
		* 4.87948	28.33	MAV1	34.20	-30.80	2.84	34.57	54.00	-19.43	-	-	158	105	H
		* 4.87994	39.97	PK2	34.20	-30.80	0.00	43.37	-	-	74.00	-30.63	181	106	V
		* 4.87527	28.19	MAV1	34.20	-30.70	2.84	34.53	54.00	-19.47	-	-	181	106	V
		* 7.31877	34.51	PK2	35.80	-25.30	0.00	45.01	-	-	74.00	-28.99	0	100	H
		* 7.31856	34.70	PK2	35.80	-25.30	0.00	45.20	-	-	74.00	-28.80	0	100	V
		9.760	18.91	Avg	36.90	-21.30	0.00	34.51	-	-	74.00	-39.49	0	100	H
		9.758	32.32	PK2	36.90	-21.30	0.00	47.92	-	-	74.00	-26.08	0	100	V
2480	ANT1	* 4.95935	40.04	PK2	34.30	-30.40	0.00	43.94	-	-	74.00	-30.06	213	100	H
		* 4.9601	28.55	MAV1	34.30	-30.30	2.84	35.39	54.00	-18.61	-	-	213	100	H
		* 4.96001	39.55	PK2	34.30	-30.30	0.00	43.55	-	-	74.00	-30.45	199	100	V
		* 4.95965	27.92	MAV1	34.30	-30.40	2.84	34.66	54.00	-19.34	-	-	199	100	V
		* 7.43988	34.55	PK2	35.70	-25.00	0.00	45.25	-	-	74.00	-28.75	0	100	H
		* 7.43816	34.75	PK2	35.70	-24.90	0.00	45.55	-	-	74.00	-28.45	0	100	V
		9.917	32.66	PK2	37.10	-21.40	0.00	48.36	-	-	74.00	-25.64	0	100	H
		9.920	32.23	PK2	37.10	-21.40	0.00	47.93	-	-	74.00	-26.07	0	100	V
2402	ANT2	* 4.8047	40.62	PK2	34.30	-30.10	0.00	44.82	-	-	74.00	-29.18	184	100	H
		* 4.80415	29.01	MAV1	34.30	-30.10	2.84	36.05	54.00	-17.95	-	-	184	100	H
		* 4.80653	40.05	PK2	34.30	-30.10	0.00	44.25	-	-	74.00	-29.75	143	106	V
		* 4.80359	27.97	MAV1	34.30	-30.10	2.84	35.01	54.00	-18.99	-	-	143	106	V
		7.201	35.31	PK2	35.80	-25.80	0.00	45.31	-	-	74.00	-28.69	0	100	H
		7.206	35.06	PK2	35.80	-25.80	0.00	45.06	-	-	74.00	-28.94	0	100	V
		9.605	32.47	PK2	36.70	-21.70	0.00	47.47	-	-	74.00	-26.53	0	100	H
		9.604	33.19	PK2	36.70	-21.70	0.00	48.19	-	-	74.00	-25.81	0	100	V
2440	ANT2	* 4.87934	40.07	PK2	34.20	-30.80	0.00	43.47	-	-	74.00	-30.53	174	101	H
		* 4.87951	28.58	MAV1	34.20	-30.80	2.84	34.82	54.00	-19.18	-	-	174	101	H
		* 4.87941	39.43	PK2	34.20	-30.80	0.00	42.83	-	-	74.00	-31.17	192	101	V
		* 4.87945	28.31	MAV1	34.20	-30.80	2.84	34.55	54.00	-19.45	-	-	192	101	V
		* 7.31521	34.78	PK2	35.80	-25.30	0.00	45.28	-	-	74.00	-28.72	0	100	H
		* 7.31738	34.78	PK2	35.80	-25.30	0.00	45.28	-	-	74.00	-28.72	0	100	V
		9.764	32.09	PK2	36.90	-21.30	0.00	47.69	-	-	74.00	-26.31	0	100	H
		9.760	32.33	PK2	36.90	-21.30	0.00	47.93	-	-	74.00	-26.07	0	100	V
2480	ANT2	* 4.9594	41.70	PK2	34.30	-30.40	0.00	45.60	-	-	74.00	-28.40	215	103	H
		* 4.96013	31.43	MAV1	34.30	-30.30	2.84	38.27	54.00	-15.73	-	-	215	103	H
		* 4.9594	39.30	PK2	34.30	-30.40	0.00	43.20	-	-	74.00	-30.80	36	100	V
		* 4.95963	28.56	MAV1	34.30	-30.40	2.84	35.30	54.00	-18.70	-	-	36	100	V
		* 7.43991	37.86	PK2	35.70	-25.00	0.00	48.56	-	-	74.00	-25.44	246	117	H
		* 7.43929	27.21	MAV1	35.70	-25.00	2.84	40.75	54.00	-13.25	-	-	246	117	H
		* 7.44064	36.51	PK2	35.70	-25.00	0.00	47.21	-	-	74.00	-26.79	189	100	V
		* 7.43927	25.23	MAV1	35.70	-25.00	2.84	38.77	54.00	-15.23	-	-	189	100	V
2402	DUAL	9.920	31.91	PK2	37.10	-21.50	0.00	47.51	-	-	74.00	-26.49	0	100	H
		9.917	32.38	PK2	37.10	-21.40	0.00	48.08	-	-	74.00	-25.92	0	100	V
		* 4.80596	42.63	PK2	34.20	-32.90	0.00	43.93	-	-	74.00	-30.07	120	103	H
		* 4.80153	30.58	MAV1	34.20	-33.00	2.84	34.62	54.00	-19.38	-	-	120	103	H
		* 4.80328	42.92	PK2	34.20	-33.00	0.00	44.12	-	-	74.00	-29.88	176	116	V
		* 4.80385	30.89	MAV1	34.20	-33.00	2.84	34.93	54.00	-19.07	-	-	176	116	V
		7.208	40.72	PK2	35.50	-30.90	0.00	45.32	-	-	74.00	-28.68	0	100	H
		7.208	40.74	PK2	35.50	-31.00	0.00	45.24	-	-	74.00	-28.76	0	100	V
2440	DUAL	9.606	37.46	PK2	37.00	-27.10	0.00	47.36	-	-	74.00	-26.64	0	100	H
		9.609	38.12	PK2	37.00	-27.10	0.00	48.02	-	-	74.00	-25.98	0	100	V
		* 4.87939	42.64	PK2	34.20	-33.00	0.00	43.84	-	-	74.00	-30.16	115	100	H
		* 4.87958	30.49	MAV1	34.20	-33.00	2.84	34.53	54.00	-19.47	-	-	162	200	V
		* 4.87925	42.44	PK2	34.20	-33.00	0.00	43.64	-	-	74.00	-30.36	162	200	V
		* 4.87956	30.31	MAV1	34.20	-33.00	2.84	34.35	54.00	-19.65	-	-	115	100	H
		* 7.32193	40.90	PK2	35.50	-30.70	0.00	45.70	-	-	74.00	-28.30	0	100	H
		* 7.31752	41.10	PK2	35.50	-30.80	0.00	45.80	-	-	74.00	-28.20	0	100	V
2480	DUAL	9.759	36.77	PK2	37.20	-26.40	0.00	47.57	-	-	74.00	-26.43	0	100	H
		9.758	37.18	PK2	37.20	-26.40	0.00	47.98	-	-	74.00	-26.02	0	100	V
		* 4.95801	42.85	PK2	34.20	-32.90	0.00	44.15	-	-	74.00	-29.85	206	100	H
		* 4.95981	30.83	MAV1	34.20	-32.90	2.84	34.97	54.00	-19.03	-	-	206	100	H
		* 4.96022	42.89	PK2	34.20	-32.90	0.00	44.19	-	-	74.00	-29.81	152	215	V
		* 4.95977	30.63	MAV1	34.20	-32.90	2.84	34.77	54.00	-19.23	-	-	152	215	V
		* 7.4423	40.80	PK2	35.60	-30.30	0.00	46.10	-	-	74.00	-27.90	0	100	H
		* 7.43902	41.20	PK2	35.60	-30.40	0.00	46.40	-	-	74.00	-27.60	0	100	V
2480	DUAL	9.922	37.20	PK2	37.40	-27.10	0.00	47.50	-	-	74.00	-26.50	0	100	H
		9.918	37.39	PK2	37.40	-27.10	0.00	47.69	-	-	74.00	-26.31	0	100	V

Note1. PK2 - KDB558074 Method: Maximum Peak / MAV1 - KDB558074 Option 1 Maximum RMS Average

Note2. * - indicates frequency in 47 CFR Pt 15 / IC RSS-Restricted Band

10.2.2. TX ABOVE 1 GHz BLUETOOTH LE 2 Mbps

BANDEDGE (WORST CASE: 2478 MHz, ANT1)



Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	Antenna 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	45.39	Pk	32.4	-24.9	0	52.89	-	-	74	-21.11	174	158	H
2	* 2.48389	46.63	Pk	32.4	-24.9	0	54.13	-	-	74	-19.87	174	158	H
3	* 2.4835	30.9	RMS	32.4	-24.9	4.12	42.52	54	-11.48	-	-	174	158	H
4	* 2.48403	32.34	RMS	32.4	-24.9	4.12	43.96	54	-10.04	-	-	174	158	H

* - indicates frequency in 47 CFR Pt 15 / IC RSS-Restricted Band

Pk - Peak detector

RMS - RMS detection

BANDEDGE TEST DATA

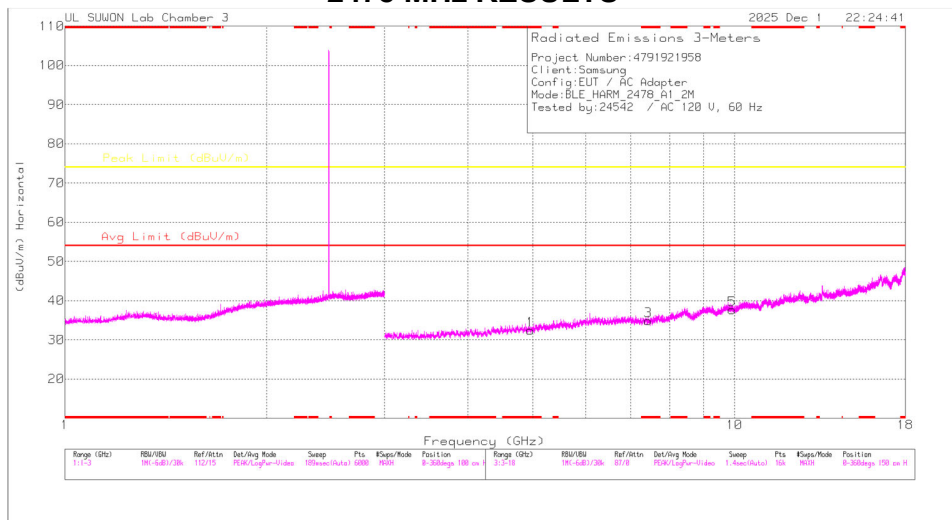
Freq. [MHz]	Antenna	Frequency [GHz]	Reading [dBuV]	Detector Mode	ANT Factor [dB/m]	Loss [dB]	DC Corr [dB]	Result [dBuV/m]	AV Limit [dBuV/m]	AV Margin [dB]	PK Limit [dBuV/m]	PK Margin [dB]	Azimuth [Degs]	Height [cm]	Polarity
2404	ANT1	* 2.39	40.00	Pk	32.10	-24.90	0.00	47.20	-	-	74.00	-26.80	126	125	H
		* 2.34578	43.29	Pk	32.00	-25.00	0.00	50.29	-	-	74.00	-23.71	126	125	H
		* 2.39	30.24	RMS	32.10	-24.90	4.12	41.56	54.00	-12.44	-	-	126	125	H
		* 2.38993	31.07	RMS	32.10	-24.90	4.12	42.39	54.00	-11.61	-	-	126	125	H
		* 2.39	40.25	Pk	32.10	-24.90	0.00	47.45	-	-	74.00	-26.55	97	110	V
		* 2.34602	42.59	Pk	32.00	-25.00	0.00	49.59	-	-	74.00	-24.41	97	110	V
		* 2.39	29.89	RMS	32.10	-24.90	4.12	41.21	54.00	-12.79	-	-	97	110	V
		* 2.38446	31.13	RMS	32.10	-25.00	4.12	42.35	54.00	-11.65	-	-	97	110	V
2478	ANT1	* 2.4835	45.39	Pk	32.40	-24.90	0.00	52.89	-	-	74.00	-21.11	174	158	H
		* 2.48389	46.63	Pk	32.40	-24.90	0.00	54.13	-	-	74.00	-19.87	174	158	H
		* 2.4835	30.90	RMS	32.40	-24.90	4.12	42.52	54.00	-11.48	-	-	174	158	H
		* 2.48403	32.34	RMS	32.40	-24.90	4.12	43.96	54.00	-10.04	-	-	174	158	H
		* 2.4835	43.19	Pk	32.40	-24.90	0.00	50.69	-	-	74.00	-23.31	80	106	V
		* 2.48371	45.94	Pk	32.40	-24.90	0.00	53.44	-	-	74.00	-20.56	80	106	V
		* 2.4835	30.02	RMS	32.40	-24.90	4.12	41.64	54.00	-12.36	-	-	80	106	V
		* 2.48484	30.38	RMS	32.40	-24.90	4.12	42.00	54.00	-12.00	-	-	80	106	V
2404	ANT2	* 2.39	39.63	Pk	32.10	-24.90	0.00	46.83	-	-	74.00	-27.17	147	140	H
		* 2.34177	43.12	Pk	32.00	-25.00	0.00	50.12	-	-	74.00	-23.88	147	140	H
		* 2.39	30.34	RMS	32.10	-24.90	4.12	41.66	54.00	-12.34	-	-	147	140	H
		* 2.38065	31.67	RMS	32.10	-25.10	4.12	42.79	54.00	-11.21	-	-	147	140	H
		* 2.39	41.03	Pk	32.10	-24.90	0.00	48.23	-	-	74.00	-25.77	97	295	V
		* 2.38398	43.12	Pk	32.10	-25.00	0.00	50.22	-	-	74.00	-23.78	97	295	V
		* 2.39	30.07	RMS	32.10	-24.90	4.12	41.39	54.00	-12.61	-	-	97	295	V
		* 2.37705	31.47	RMS	32.10	-25.00	4.12	42.69	54.00	-11.31	-	-	97	295	V
2478	ANT2	* 2.4835	44.49	Pk	32.40	-24.90	0.00	51.99	-	-	74.00	-22.01	38	358	H
		* 2.48367	43.96	Pk	32.40	-24.90	0.00	51.46	-	-	74.00	-22.54	38	358	H
		* 2.4835	30.35	RMS	32.40	-24.90	4.12	41.97	54.00	-12.03	-	-	38	358	H
		* 2.48685	31.65	RMS	32.40	-24.80	4.12	43.37	54.00	-10.63	-	-	38	358	H
		* 2.4835	45.77	Pk	32.40	-24.90	0.00	53.27	-	-	74.00	-20.73	84	319	V
		* 2.48356	46.97	Pk	32.40	-24.90	0.00	54.47	-	-	74.00	-19.53	84	319	V
		* 2.4835	31.58	RMS	32.40	-24.90	4.12	43.20	54.00	-10.80	-	-	84	319	V
		* 2.48372	32.32	RMS	32.40	-24.90	4.12	43.94	54.00	-10.06	-	-	84	319	V
2404	DUAL	* 2.39	42.48	Pk	31.70	-26.20	0.00	47.98	-	-	74.00	-26.02	29	100	H
		* 2.33009	45.93	Pk	31.60	-26.30	0.00	51.23	-	-	74.00	-22.77	29	100	H
		* 2.39	32.90	RMS	31.70	-26.20	4.12	42.52	54.00	-11.48	-	-	29	100	H
		* 2.38687	33.34	RMS	31.70	-26.20	4.12	42.96	54.00	-11.04	-	-	29	100	H
		* 2.39	44.51	Pk	31.70	-26.20	0.00	50.01	-	-	74.00	-23.99	70	398	V
		* 2.36404	45.41	Pk	31.70	-26.20	0.00	50.91	-	-	74.00	-23.09	70	398	V
		* 2.39	32.63	RMS	31.70	-26.20	4.12	42.25	54.00	-11.75	-	-	70	398	V
		* 2.36961	33.51	RMS	31.70	-26.30	4.12	43.03	54.00	-10.97	-	-	70	398	V
2478	DUAL	* 2.48351	44.58	Pk	32.00	-26.20	0.00	50.38	-	-	74.00	-23.62	33	141	H
		* 2.544	45.95	Pk	32.10	-26.00	0.00	52.05	-	-	74.00	-21.95	33	141	H
		* 2.48351	32.86	RMS	32.00	-26.20	4.12	42.78	54.00	-11.22	-	-	33	141	H
		* 2.560	33.21	RMS	32.10	-25.90	4.12	43.53	54.00	-10.47	-	-	33	141	H
		* 2.48351	41.34	Pk	32.00	-26.20	0.00	47.14	-	-	74.00	-26.86	55	364	V
		* 2.4844	45.83	Pk	32.00	-26.20	0.00	51.63	-	-	74.00	-22.37	55	364	V
		* 2.48351	33.82	RMS	32.00	-26.20	4.12	43.74	54.00	-10.26	-	-	55	364	V
		* 2.48544	33.62	RMS	32.00	-26.10	4.12	43.64	54.00	-10.36	-	-	55	364	V

Note1. Pk - Peak detector, RMS - RMS detector

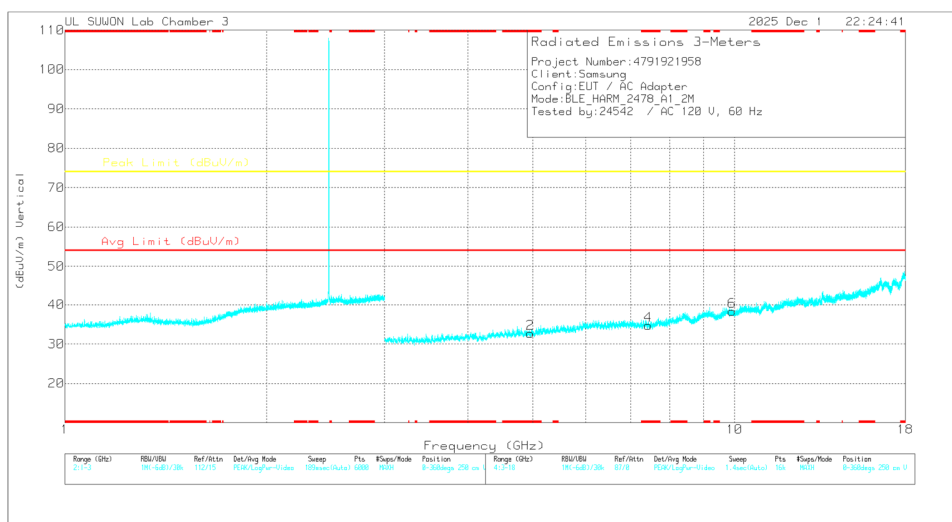
Note2. * - indicates frequency in 47 CFR Pt 15 / IC RSS-Restricted Band

HARMONICS AND SPURIOUS EMISSIONS(WORST CASE: 2478 MHz, ANT1)

2478 MHz 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_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
* 4.95197	38.92	PK2	34.3	-30.6	0	42.62	-	-	74	-31.38	212	108	H
* 4.956	27.58	MAV1	34.3	-30.5	4.12	35.5	54	-18.5	-	-	212	108	H
* 7.43394	35.66	PK2	35.7	-25	0	46.36	-	-	74	-27.64	218	100	H
* 7.4353	23.24	MAV1	35.7	-24.9	4.12	38.16	54	-15.84	-	-	218	100	H
9.91057	31.61	PK2	37.1	-21.4	0	47.31	-	-	74	-26.69	0	100	H
9.90946	32.45	PK2	37.1	-21.4	0	48.15	-	-	74	-25.85	360	100	V
* 7.43623	34.3	PK2	35.7	-24.9	0	45.1	-	-	74	-28.9	333	104	V
* 7.43441	22.98	MAV1	35.7	-25	4.12	37.8	54	-16.2	-	-	333	104	V
* 4.95219	38.98	PK2	34.3	-30.6	0	42.68	-	-	74	-31.32	189	100	V
* 4.95519	27.95	MAV1	34.3	-30.5	4.12	35.87	54	-18.13	-	-	189	100	V

* - indicates frequency in 47 CFR Pt 15 / IC RSS-Restricted Band

PK2 - KDB558074 Method: Maximum Peak

MAV1 - KDB558074 Option 1 Maximum RMS Average

HARMONICS AND SPURIOUS EMISSIONS TEST DATA

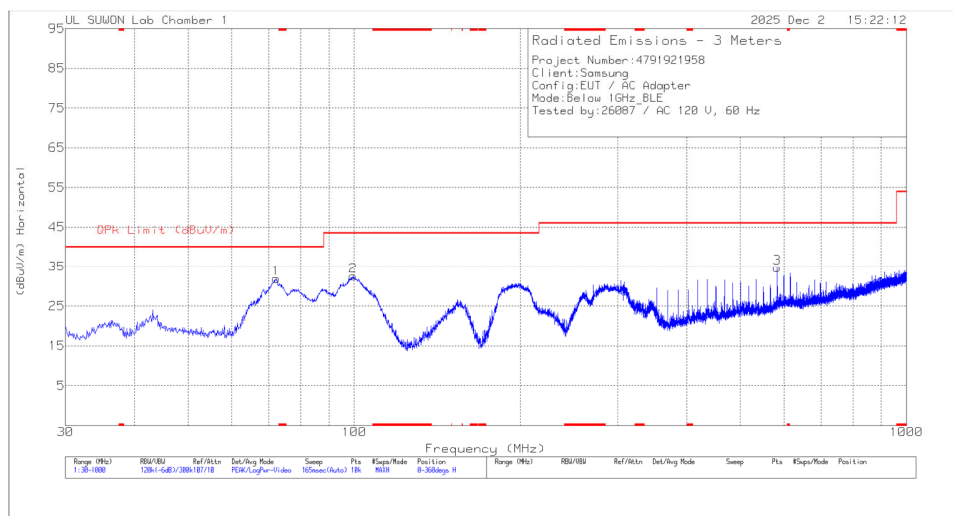
Freq. [MHz]	Antenna	Frequency [GHz]	Reading [dBuV]	Detector Mode	ANT Factor [dB/m]	Loss [dB]	DC Corr [dB]	Result [dBuV/m]	AV Limit [dBuV/m]	AV Margin [dB]	PK Limit [dBuV/m]	PK Margin [dB]	Azimuth [Degs]	Height [cm]	Polarity
2404	ANT1	* 4.80338	39.31	PK2	34.30	-30.10	0.00	43.51	-	-	74.00	-30.49	191	103	H
		* 4.80818	27.62	MAV1	34.30	-30.10	4.12	35.94	54.00	-18.06	-	-	191	103	H
		* 4.81046	39.13	PK2	34.30	-30.10	0.00	43.33	-	-	74.00	-30.67	174	105	V
		* 4.81214	27.49	MAV1	34.30	-30.10	4.12	35.81	54.00	-18.19	-	-	174	105	V
		7.214	34.52	PK2	35.80	-25.70	0.00	44.62	-	-	74.00	-29.38	0	100	H
		7.214	34.83	PK2	35.80	-25.70	0.00	44.93	-	-	74.00	-29.07	0	100	V
		9.614	32.22	PK2	36.70	-21.70	0.00	47.22	-	-	74.00	-26.78	0	100	H
		9.618	32.33	PK2	36.70	-21.70	0.00	47.33	-	-	74.00	-26.67	0	100	V
2440	ANT1	* 4.88126	39.86	PK2	34.20	-30.80	0.00	43.26	-	-	74.00	-30.74	198	135	H
		* 4.8837	27.79	MAV1	34.20	-30.80	4.12	35.31	54.00	-18.69	-	-	198	135	H
		* 4.87559	39.09	PK2	34.20	-30.70	0.00	42.59	-	-	74.00	-31.41	183	111	V
		* 4.88128	27.90	MAV1	34.20	-30.80	4.12	35.42	54.00	-18.58	-	-	183	111	V
		* 7.32088	35.33	PK2	35.80	-25.20	0.00	45.93	-	-	74.00	-28.07	220	370	H
		* 7.31754	23.09	MAV1	35.80	-25.30	4.12	37.71	54.00	-16.29	-	-	220	370	H
		* 7.31769	35.28	PK2	35.80	-25.30	0.00	45.78	-	-	74.00	-28.22	0	100	V
		9.759	32.29	PK2	36.90	-21.30	0.00	47.89	-	-	74.00	-26.11	0	100	H
2478	ANT1	9.756	31.94	PK2	36.90	-21.30	0.00	47.54	-	-	74.00	-26.46	0	100	V
		* 4.95197	38.92	PK2	34.30	-30.60	0.00	42.62	-	-	74.00	-31.38	212	108	H
		* 4.956	27.58	MAV1	34.30	-30.50	4.12	35.50	54.00	-18.50	-	-	212	108	H
		* 7.43394	35.66	PK2	35.70	-25.00	0.00	46.36	-	-	74.00	-27.64	218	100	H
		* 7.4353	23.24	MAV1	35.70	-24.90	4.12	38.16	54.00	-15.84	-	-	218	100	H
		9.911	31.61	PK2	37.10	-21.40	0.00	47.31	-	-	74.00	-26.69	0	100	H
		9.909	32.45	PK2	37.10	-21.40	0.00	48.15	-	-	74.00	-25.85	360	100	V
		* 7.43623	34.30	PK2	35.70	-24.90	0.00	45.10	-	-	74.00	-28.90	333	104	V
2404	ANT2	* 7.43441	22.98	MAV1	35.70	-25.00	4.12	37.80	54.00	-16.20	-	-	333	104	V
		* 4.95219	38.98	PK2	34.30	-30.60	0.00	42.68	-	-	74.00	-31.32	189	100	V
		* 4.95519	27.95	MAV1	34.30	-30.50	4.12	35.87	54.00	-18.13	-	-	189	100	V
		* 4.80854	39.18	PK2	34.30	-30.10	0.00	43.38	-	-	74.00	-30.62	184	100	H
		* 4.80757	27.81	MAV1	34.30	-30.10	4.12	36.13	54.00	-17.87	-	-	184	100	H
		* 4.81001	39.43	PK2	34.30	-30.20	0.00	43.53	-	-	74.00	-30.47	148	118	V
		* 4.80992	27.66	MAV1	34.30	-30.20	4.12	35.88	54.00	-18.12	-	-	148	118	V
		7.216	34.32	PK2	35.80	-25.80	0.00	44.32	-	-	74.00	-29.68	0	100	H
2440	ANT2	9.619	32.03	PK2	36.70	-21.70	0.00	47.03	-	-	74.00	-26.97	0	100	H
		9.616	32.91	PK2	36.70	-21.70	0.00	47.91	-	-	74.00	-26.09	0	100	V
		7.214	34.52	PK2	35.80	-25.70	0.00	44.62	-	-	74.00	-29.38	0	100	V
		* 4.88044	39.55	PK2	34.20	-30.80	0.00	42.95	-	-	74.00	-31.05	201	100	H
		* 4.87928	28.12	MAV1	34.20	-30.80	4.12	35.64	54.00	-18.36	-	-	201	100	H
		* 4.88368	39.68	PK2	34.20	-30.80	0.00	43.08	-	-	74.00	-30.92	197	108	V
		* 4.87783	27.96	MAV1	34.20	-30.70	4.12	35.58	54.00	-18.42	-	-	197	108	V
		* 7.31606	34.48	PK2	35.80	-25.30	0.00	44.98	-	-	74.00	-29.02	0	100	H
2478	ANT2	* 7.3231	35.19	PK2	35.80	-25.20	0.00	45.79	-	-	74.00	-28.21	0	100	V
		9.759	32.36	PK2	36.90	-21.30	0.00	47.96	-	-	74.00	-26.04	0	100	H
		9.757	32.32	PK2	36.90	-21.30	0.00	47.92	-	-	74.00	-26.08	0	100	V
		* 4.95101	38.97	PK2	34.30	-30.60	0.00	42.67	-	-	74.00	-31.33	189	101	H
		* 4.95575	27.56	MAV1	34.30	-30.50	4.12	35.48	54.00	-18.52	-	-	189	101	H
		* 4.95164	39.13	PK2	34.30	-30.60	0.00	42.83	-	-	74.00	-31.17	215	217	V
		* 4.95492	27.96	MAV1	34.30	-30.50	4.12	35.88	54.00	-18.12	-	-	215	217	V
		* 7.43571	34.36	PK2	35.70	-24.90	0.00	45.16	-	-	74.00	-28.84	0	100	H
2404	DUAL	* 7.43734	34.66	PK2	35.70	-24.90	0.00	45.46	-	-	74.00	-28.54	0	100	V
		9.916	32.53	PK2	37.10	-21.40	0.00	48.23	-	-	74.00	-25.77	0	100	H
		9.908	32.12	PK2	37.10	-21.40	0.00	47.82	-	-	74.00	-26.18	0	100	V
		* 4.80301	43.20	PK2	34.20	-33.00	0.00	44.40	-	-	74.00	-29.60	358	118	H
		* 4.80155	30.41	MAV1	34.20	-33.00	4.11	35.72	54.00	-18.28	-	-	358	118	H
		* 4.80207	42.37	PK2	34.20	-33.00	0.00	43.57	-	-	74.00	-30.43	292	110	V
		* 4.80171	30.43	MAV1	34.20	-33.00	4.11	35.74	54.00	-18.26	-	-	292	110	V
		7.204	40.76	PK2	35.50	-30.90	0.00	45.36	-	-	74.00	-28.64	0	100	H
2440	DUAL	7.206	41.22	PK2	35.50	-30.90	0.00	45.82	-	-	74.00	-28.18	0	100	V
		9.607	37.44	PK2	37.00	-27.10	0.00	47.34	-	-	74.00	-26.66	0	100	H
		9.608	37.04	PK2	37.00	-27.10	0.00	46.94	-	-	74.00	-27.06	0	100	V
		* 4.87758	42.20	PK2	34.20	-33.00	0.00	43.40	-	-	74.00	-30.60	0	100	H
		* 4.87769	42.09	PK2	34.20	-33.00	0.00	43.29	-	-	74.00	-30.71	0	100	V
		* 7.32177	40.76	PK2	35.50	-30.70	0.00	45.56	-	-	74.00	-28.44	0	100	H
		* 7.31798	40.77	PK2	35.50	-30.80	0.00	45.47	-	-	74.00	-28.53	0	100	V
		9.759	37.24	PK2	37.20	-26.30	0.00	48.14	-	-	74.00	-25.86	0	100	H
2478	DUAL	9.758	37.44	PK2	37.20	-26.40	0.00	48.24	-	-	74.00	-25.76	0	100	V
		* 4.9552	41.93	PK2	34.20	-33.00	0.00	43.13	-	-	74.00	-30.87	0	100	H
		* 4.95457	42.46	PK2	34.20	-32.90	0.00	43.76	-	-	74.00	-30.24	0	100	V
		* 7.43649	40.07	PK2	35.60	-30.40	0.00	45.27	-	-	74.00	-28.73	0	100	H
		* 7.43343	40.14	PK2	35.60	-30.30	0.00	45.44	-	-	74.00	-28.56	0	100	V
2478	DUAL	9.910	37.33	PK2	37.40	-27.10	0.00	47.63	-	-	74.00	-26.37	0	100	H
		9.913	37.36	PK2	37.40	-27.10	0.00	47.66	-	-	74.00	-26.34	0	100	V

Note1. PK2 - KDB558074 Method: Maximum Peak / MAV1 - KDB558074 Option 1 Maximum RMS Average

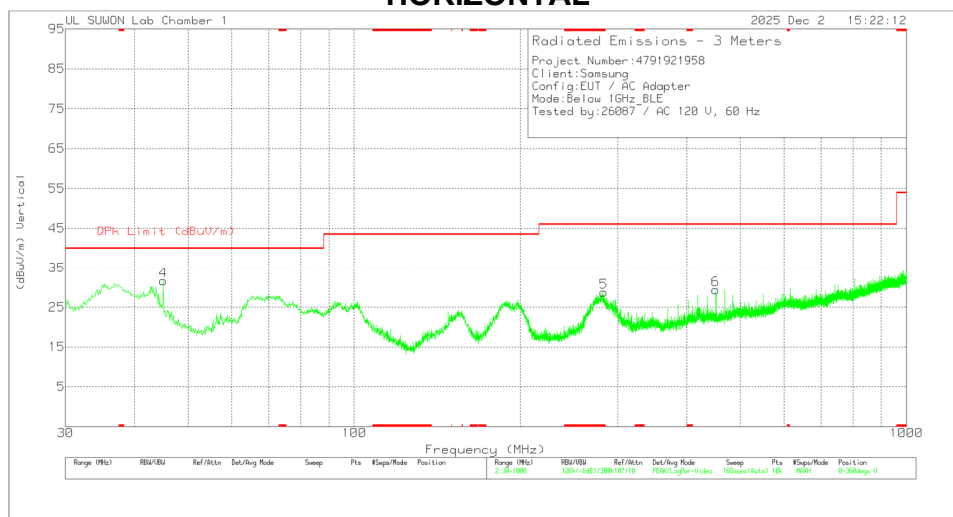
Note2. * - indicates frequency in 47 CFR Pt 15 / IC RSS-Restricted Band

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_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	72.195	47.92	Pk	14.6	-30.6	0	31.92	40	-8.08	0-360	200	H
2	99.549	45.43	Pk	17.3	-30.2	0	32.53	43.52	-10.99	0-360	200	H
3	583.191	37.61	Pk	24.5	-27.4	0	34.71	46.02	-11.31	0-360	200	H
4	45.132	43.01	Pk	19.6	-30.9	0	31.71	40	-8.29	0-360	300	V
5	* 283.073	38.55	Pk	18.8	-28.6	0	28.75	46.02	-17.27	0-360	200	V
6	451.6105	35.24	Pk	22	-27.8	0	29.44	46.02	-16.58	0-360	300	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.

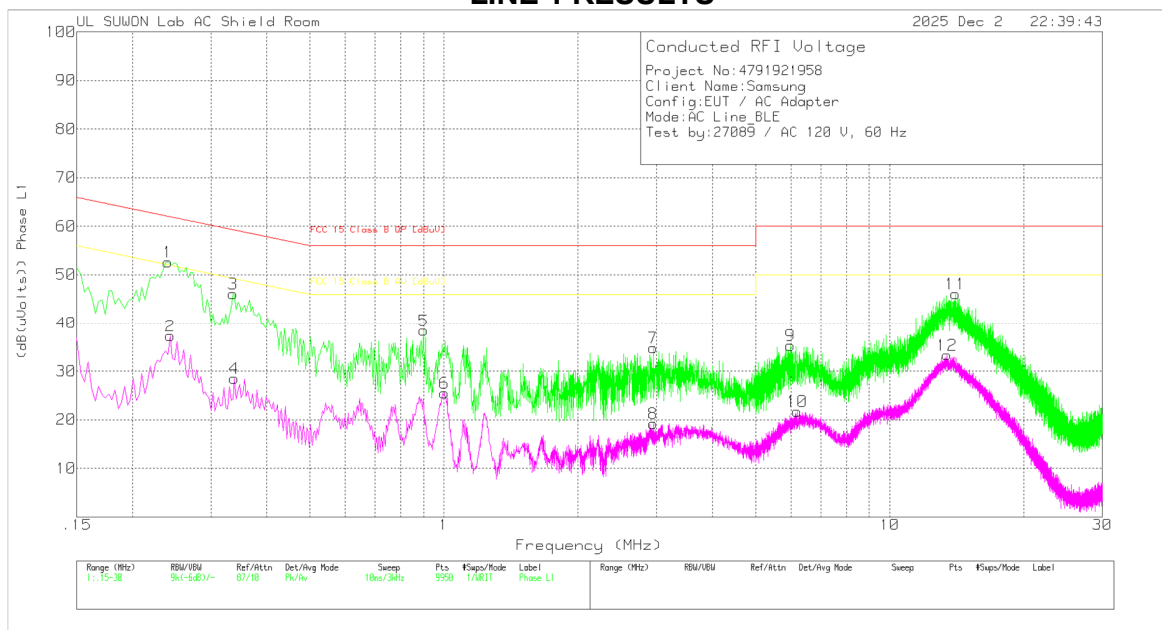
The receiver is set to a resolution bandwidth of 9 kHz. Peak detection is used unless otherwise noted as quasi-peak or average.

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_With EX_L1 [dB]	Cable Loss [dB]	Corrected Reading (dB(uVolts))	FCC 15 Class B QP [dBuV]	Margin (dB)	FCC 15 Class B AV [dBuV]	Margin (dB)
1	.24	42.8	Pk	9.7	.1	52.6	62.1	-9.5	-	-
2	.243	27.54	Av	9.7	.1	37.34	-	-	51.99	-14.65
3	.336	36.18	Pk	9.8	.1	46.08	59.3	-13.22	-	-
4	.339	18.62	Av	9.8	.1	28.52	-	-	49.23	-20.71
5	.9	28.53	Pk	9.8	.1	38.43	56	-17.57	-	-
6	1.002	15.7	Av	9.7	.1	25.5	-	-	46	-20.5
7	2.946	24.97	Pk	9.7	.1	34.77	56	-21.23	-	-
8	2.946	9.43	Av	9.7	.1	19.23	-	-	46	-26.77
9	5.997	25.28	Pk	9.8	.2	35.28	60	-24.72	-	-
10	6.198	11.7	Av	9.8	.2	21.7	-	-	50	-28.3
11	14.04	35.83	Pk	10	.3	46.13	60	-13.87	-	-
12	13.464	23.04	Av	10	.3	33.34	-	-	50	-16.66

Pk - Peak detector

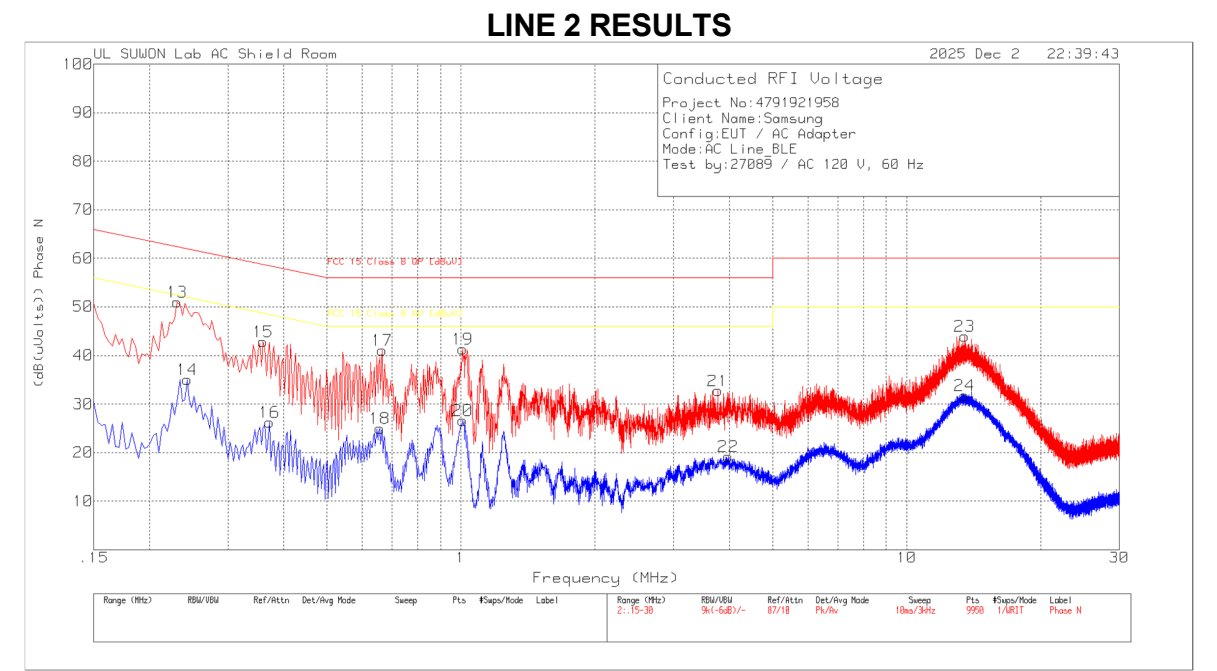
Av - Average detection

Quasi-Peak Emissions

Range 1: Phase L1 .15 - 30MHz

Frequency (MHz)	Meter Reading (dBuV)	Det	101836_With EX_L1 [dB]	Cable Loss [dB]	Corrected Reading (dB(uVolts))	FCC 15 Class B QP [dBuV]	Margin (dB)	FCC 15 Class B AV [dBuV]	Margin (dB)
.24075	31.58	Qp	9.7	.1	41.38	62.07	-20.69	-	-

Qp - Quasi-Peak detector



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 (dB(uVolts))	FCC 15 Class B QP [dBuV]	Margin (dB)	FCC 15 Class B AV [dBuV]	Margin (dB)
13	.231	41.19	Pk	9.7	.1	50.99	62.41	-11.42	-	-
14	.243	25.25	Av	9.7	.1	35.05	-	-	51.99	-16.94
15	.36	32.98	Pk	9.8	.1	42.88	58.73	-15.85	-	-
16	.372	16.3	Av	9.8	.1	26.2	-	-	48.46	-22.26
17	.666	31.16	Pk	9.8	.1	41.06	56	-14.94	-	-
18	.657	15.09	Av	9.8	.1	24.99	-	-	46	-21.01
19	1.008	31.5	Pk	9.7	.1	41.3	56	-14.7	-	-
20	1.008	16.8	Av	9.7	.1	26.6	-	-	46	-19.4
21	3.768	22.93	Pk	9.7	.1	32.73	56	-23.27	-	-
22	3.975	9.45	Av	9.7	.1	19.25	-	-	46	-26.75
23	13.503	33.7	Pk	10	.3	44	60	-16	-	-
24	13.494	21.43	Av	10	.3	31.73	-	-	50	-18.27

Pk - Peak detector
Av - Average detection

END OF TEST REPORT