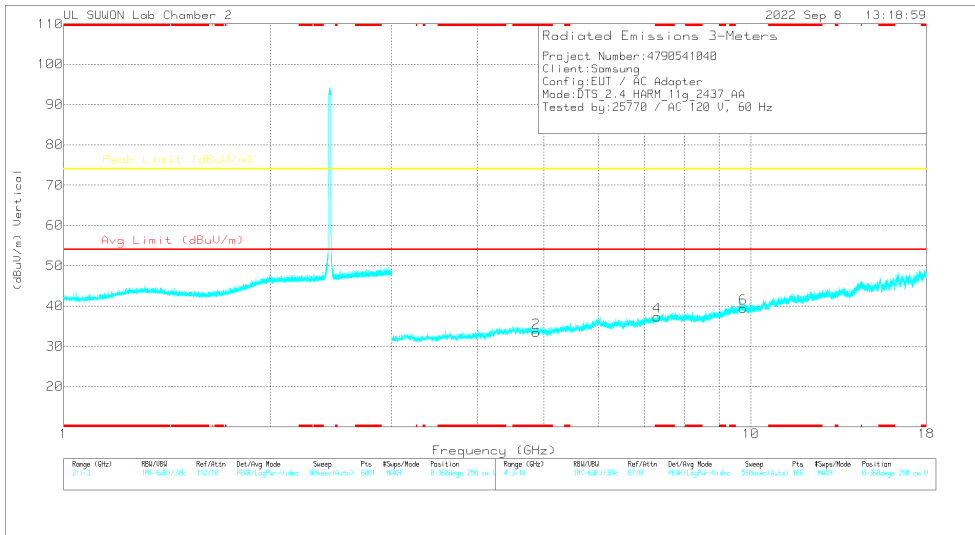
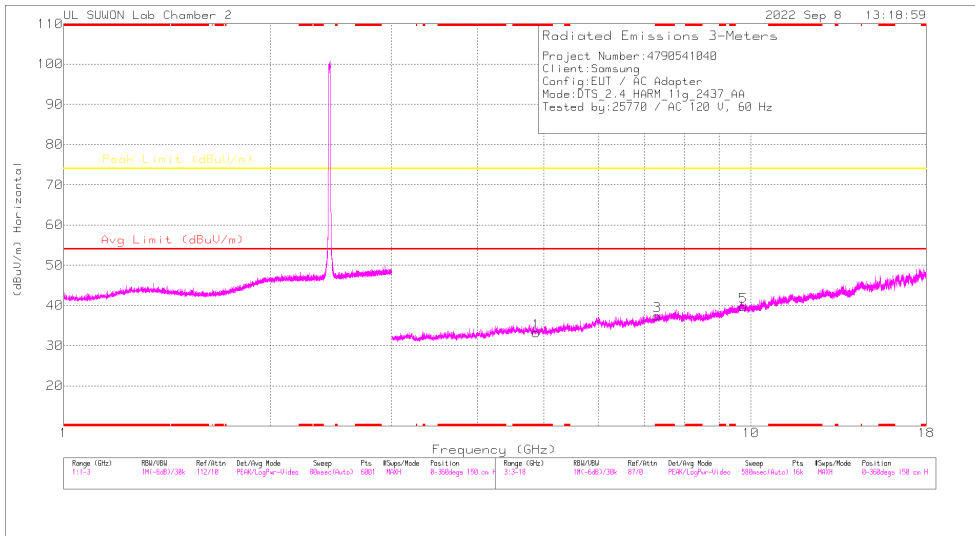


HARMONICS AND SPURIOUS EMISSIONS (WORST CASE: 6 CHANNEL) CH 6 RESULTS



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	3117_00168724	3GHz_HP[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
* 4.87324	36.8	PK2	34	-27.7	0	43.1	-	-	74	-30.9	0	100	H
* 4.87251	36.62	PK2	34	-27.7	0	42.92	-	-	74	-31.08	0	100	V
* 7.30924	34.92	PK2	35.7	-24.6	0	46.02	-	-	74	-27.98	0	100	H
* 7.31029	35.7	PK2	35.7	-24.6	0	46.8	-	-	74	-27.2	0	100	V
9.74677	32.95	PK2	37.1	-20.9	0	49.15	-	-	74	-24.85	0	100	H
9.74839	32.33	PK2	37.1	-20.9	0	48.53	-	-	74	-25.47	0	100	V

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

HARMONICS AND SPURIOUS EMISSIONS TEST DATA

Freq. [MHz]	Antenna	Frequency [GHz]	Reading [dBuV]	Detector Mode	ANT Factor	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	MIMO	* 4.82471	37.30	PK2	34.00	-27.80	0.00	43.50	-	-	74.00	-30.50	0	100	H
		* 4.82282	37.03	PK2	34.00	-27.80	0.00	43.23	-	-	74.00	-30.77	0	100	V
		7.236	35.08	PK2	35.70	-25.20	0.00	45.58	-	-	74.00	-28.42	0	100	H
		7.238	34.95	PK2	35.70	-25.30	0.00	45.35	-	-	74.00	-28.65	0	100	V
		9.648	32.43	PK2	37.00	-21.00	0.00	48.43	-	-	74.00	-25.57	0	100	H
		9.647	32.34	PK2	37.00	-21.00	0.00	48.34	-	-	74.00	-25.66	0	100	V
2437	MIMO	* 4.87324	36.80	PK2	34.00	-27.70	0.00	43.10	-	-	74.00	-30.90	0	100	H
		* 4.87251	36.62	PK2	34.00	-27.70	0.00	42.92	-	-	74.00	-31.08	0	100	V
		* 7.30924	34.92	PK2	35.70	-24.60	0.00	46.02	-	-	74.00	-27.98	0	100	H
		* 7.31029	35.70	PK2	35.70	-24.60	0.00	46.80	-	-	74.00	-27.20	0	100	V
		9.747	32.95	PK2	37.10	-20.90	0.00	49.15	-	-	74.00	-24.85	0	100	H
		9.748	32.33	PK2	37.10	-20.90	0.00	48.53	-	-	74.00	-25.47	0	100	V
2462	MIMO	* 4.92561	35.79	PK2	34.00	-27.20	0.00	42.59	-	-	74.00	-31.41	0	100	H
		* 4.9265	35.92	PK2	34.00	-27.20	0.00	42.72	-	-	74.00	-31.28	0	100	V
		* 7.38852	34.56	PK2	35.70	-23.90	0.00	46.36	-	-	74.00	-27.64	0	100	H
		* 7.38844	34.44	PK2	35.70	-23.90	0.00	46.24	-	-	74.00	-27.76	0	100	V
		9.851	32.83	PK2	37.20	-21.50	0.00	48.53	-	-	74.00	-25.47	0	100	H
		9.848	32.27	PK2	37.20	-21.50	0.00	47.97	-	-	74.00	-26.03	0	100	V

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

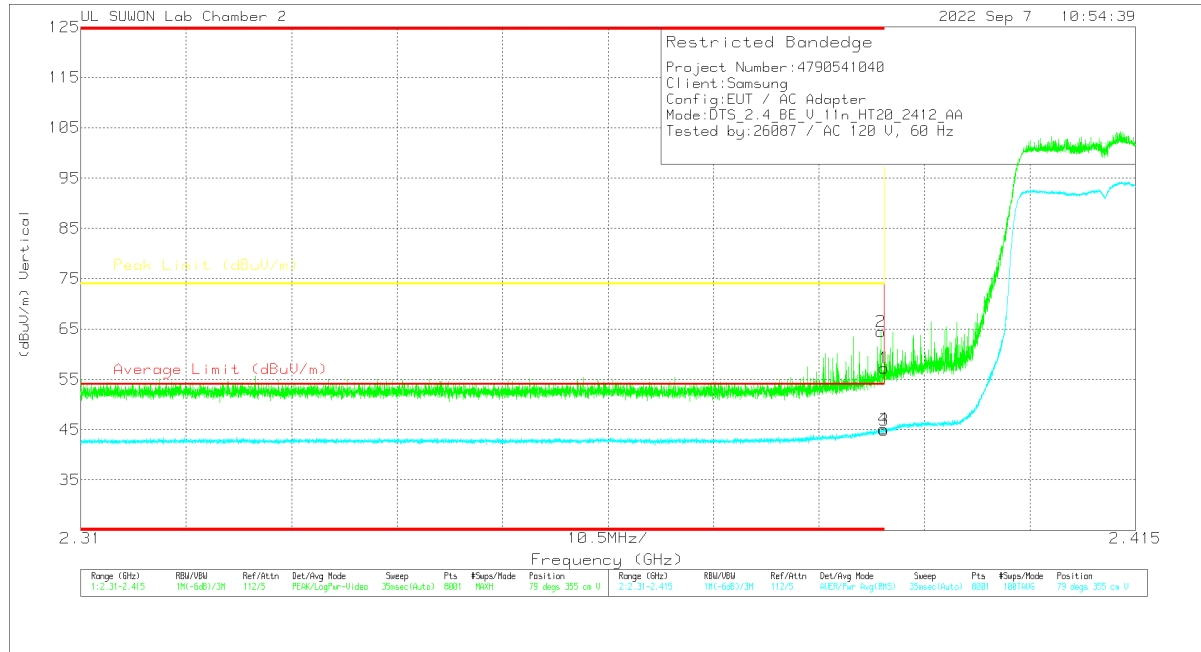
Note2. * - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

10.1.3. TX ABOVE 1 GHz 802.11n HT20 MODE IN THE 2.4 GHz BAND

2TX Antenna 1 + Antenna 2

BANDEDGE (WORST CASE: 1 CHANNEL)

VERTICAL RESULT



Trace Markers

Marker	Frequency (GHz)	Meas Reading (dBuV)	Det	3117_00168724	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	* 2.39	45.21	Pk	31.7	-19.7	0	57.21	-	-	74	-16.79	79	355	V
2	* 2.38968	52.46	Pk	31.7	-19.7	0	64.46	-	-	74	-9.54	79	355	V
3	* 2.39	32.75	RMS	31.7	-19.7	.09	44.84	54	-9.16	-	-	79	355	V
4	* 2.38992	33.04	RMS	31.7	-19.7	.09	45.13	54	-8.87	-	-	79	355	V

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

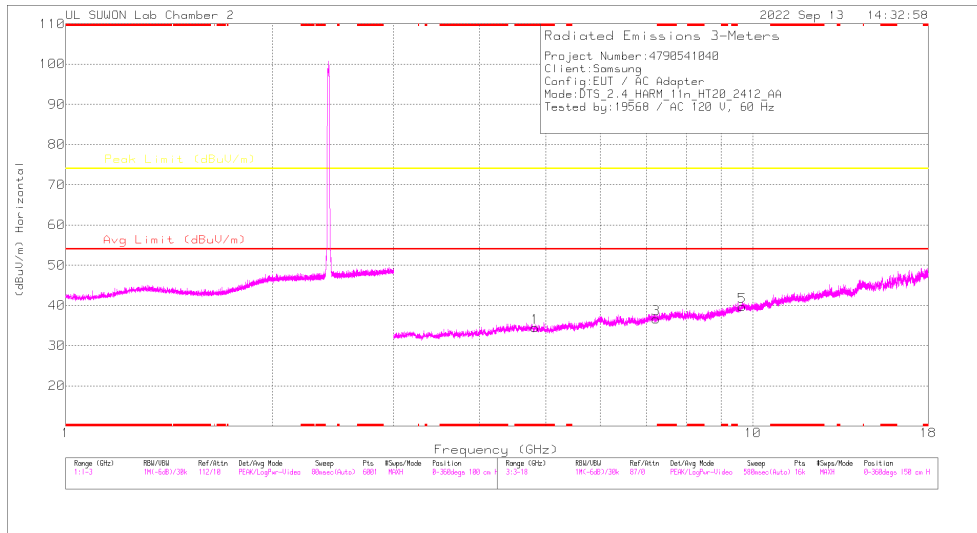
BANDEDGE TEST DATA

Freq. [MHz]	Antenna	Frequency [GHz]	Reading [dBuV]	Detector Mode	ANT Factor	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	MIMO	* 2.39	43.79	Pk	31.70	-19.70	0.00	55.79	-	-	74.00	-18.21	139	100	H	
		* 2.38773	44.86	Pk	31.70	-19.50	0.00	57.06	-	-	74.00	-16.94	139	100	H	
		* 2.39	32.38	RMS	31.70	-19.70	0.09	44.47	54.00	-9.53	-	-	-	139	100	H
		* 2.38993	32.79	RMS	31.70	-19.70	0.09	44.88	54.00	-9.12	-	-	-	139	100	H
		* 2.39	45.21	Pk	31.70	-19.70	0.00	57.21	-	-	74.00	-16.79	79	355	V	
		* 2.38968	52.46	Pk	31.70	-19.70	0.00	64.46	-	-	74.00	-9.54	79	355	V	
		* 2.39	32.75	RMS	31.70	-19.70	0.09	44.84	54.00	-9.16	-	-	-	79	355	V
2462	MIMO	* 2.38992	33.04	RMS	31.70	-19.70	0.09	45.13	54.00	-8.87	-	-	79	355	V	
		* 2.48351	41.14	Pk	31.90	-19.60	0.00	53.44	-	-	74.00	-20.56	163	238	H	
		* 2.48319	44.15	Pk	31.90	-19.50	0.00	56.55	-	-	74.00	-17.45	163	238	H	
		* 2.48351	31.36	RMS	31.90	-19.60	0.09	43.75	54.00	-10.25	-	-	-	163	238	H
		* 2.48354	31.90	RMS	31.90	-19.60	0.09	44.29	54.00	-9.71	-	-	-	163	238	H
		* 2.48351	41.06	Pk	31.90	-19.60	0.00	53.36	-	-	74.00	-20.64	194	335	V	
		2.551	43.84	Pk	32.00	-19.50	0.00	56.34	-	-	74.00	-17.66	194	335	V	
		* 2.48351	30.86	RMS	31.90	-19.60	0.09	43.25	54.00	-10.75	-	-	-	194	335	V
		2.556	31.22	RMS	32.00	-19.30	0.09	44.01	54.00	-9.99	-	-	-	194	335	V

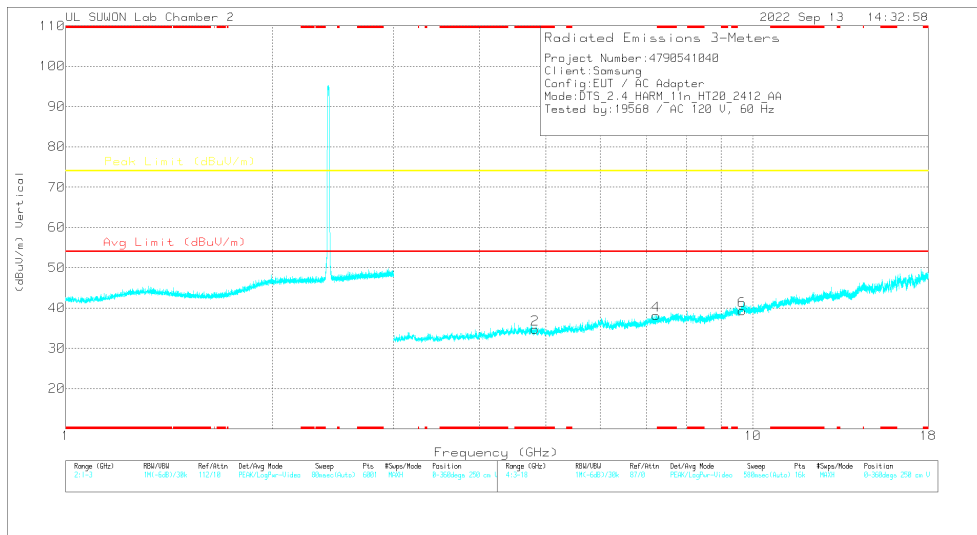
Freq. [MHz]	Antenna	Frequency [GHz]	Reading [dBuV]	Detector Mode	ANT Factor	Loss [dB]	DC Corr [dB]	Result [dBuV/m]	AV Limit [dBuV/m]	AV Margin [dB]	PK Limit [dBuV/m]	PK Margin [dB]	Azimuth [Degs]	Height [cm]	Polarity	
2467	ANT2	* 2.48351	40.11	Pk	31.90	-19.60	0.00	52.41	-	-	74.00	-21.59	27	154	H	
		2.539	43.88	Pk	32.00	-19.50	0.00	56.38	-	-	74.00	-17.62	27	154	H	
		* 2.48351	31.03	RMS	31.90	-19.60	0.00	43.42	54.00	-10.58	-	-	-	27	154	H
		2.556	31.22	RMS	32.00	-19.30	0.00	44.01	54.00	-9.99	-	-	-	27	154	H
		* 2.48351	40.28	Pk	31.90	-19.60	0.00	52.58	-	-	74.00	-21.42	75	104	V	
		2.560	43.58	Pk	32.00	-19.50	0.00	56.08	-	-	74.00	-17.92	75	104	V	
		* 2.48351	30.44	RMS	31.90	-19.60	0.09	42.83	54.00	-11.17	-	-	-	75	104	V
2472	ANT2	2.540	31.29	RMS	32.00	-19.40	0.09	43.98	54.00	-10.02	-	-	75	104	V	
		* 2.48351	43.36	Pk	31.90	-19.60	0.00	55.66	-	-	74.00	-18.34	30	151	H	
		* 2.48368	44.34	Pk	31.90	-19.60	0.00	56.64	-	-	74.00	-17.36	30	151	H	
		* 2.48351	31.83	RMS	31.90	-19.60	0.09	44.22	54.00	-9.78	-	-	-	30	151	H
		* 2.48366	31.59	RMS	31.90	-19.60	0.09	43.98	54.00	-10.02	-	-	-	30	151	H
		* 2.48351	41.13	Pk	31.90	-19.60	0.00	53.43	-	-	74.00	-20.57	74	148	V	
		2.507	43.67	Pk	31.90	-19.60	0.00	55.97	-	-	74.00	-18.03	74	148	V	
		* 2.48351	30.46	RMS	31.90	-19.60	0.09	42.85	54.00	-11.15	-	-	-	74	148	V
2.556	31.32	RMS	32.00	-19.30	0.09	44.11	54.00	-9.89	-	-	-	74	148	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: 1 CHANNEL) CH 1 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	3117_00168724	3GHz_HP[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
* 4.82482	37.45	PK2	34	-27.8	0	43.65	-	-	74	-30.35	0	100	H
* 4.82024	36.95	PK2	34	-27.8	0	43.15	-	-	74	-30.85	0	100	V
7.24465	35.14	PK2	35.7	-25.2	0	45.64	-	-	74	-28.36	0	100	H
7.24374	35.46	PK2	35.7	-25.2	0	45.96	-	-	74	-28.04	0	100	V
9.63871	33.06	PK2	37	-21	0	49.06	-	-	74	-24.94	0	100	H
9.63938	33.11	PK2	37	-21	0	49.11	-	-	74	-24.89	0	100	V

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

HARMONICS AND SPURIOUS EMISSIONS TEST DATA

Freq. [MHz]	Antenna	Frequency [GHz]	Reading [dBuV]	Detector Mode	ANT Factor	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	MIMO	* 4.82482	37.45	PK2	34.00	-27.80	0.00	43.65	-	-	74.00	-30.35	0	100	H
		* 4.82024	36.95	PK2	34.00	-27.80	0.00	43.15	-	-	74.00	-30.85	0	100	V
		7.245	35.14	PK2	35.70	-25.20	0.00	45.64	-	-	74.00	-28.36	0	100	H
		7.244	35.46	PK2	35.70	-25.20	0.00	45.96	-	-	74.00	-28.04	0	100	V
		9.639	33.06	PK2	37.00	-21.00	0.00	49.06	-	-	74.00	-24.94	0	100	H
		9.639	33.11	PK2	37.00	-21.00	0.00	49.11	-	-	74.00	-24.89	0	100	V
2437	MIMO	* 4.87903	36.90	PK2	34.00	-27.70	0.00	43.20	-	-	74.00	-30.80	0	100	H
		4.87628	36.98	PK2	34.00	-27.80	0.00	43.18	-	-	74.00	-30.82	0	100	V
		* 7.31919	34.98	PK2	35.70	-24.60	0.00	46.08	-	-	74.00	-27.92	0	100	H
		* 7.31547	35.29	PK2	35.70	-24.60	0.00	46.39	-	-	74.00	-27.61	0	100	V
		9.741	32.46	PK2	37.10	-20.80	0.00	48.76	-	-	74.00	-25.24	0	100	H
		9.749	32.37	PK2	37.10	-20.90	0.00	48.57	-	-	74.00	-25.43	0	100	V
2462	MIMO	* 4.92776	36.42	PK2	34.00	-27.20	0.00	43.22	-	-	74.00	-30.78	0	100	H
		* 4.92956	36.06	PK2	34.00	-27.20	0.00	42.86	-	-	74.00	-31.14	0	100	V
		* 7.3793	34.43	PK2	35.70	-23.90	0.00	46.23	-	-	74.00	-27.77	0	100	H
		* 7.37964	34.94	PK2	35.70	-23.90	0.00	46.74	-	-	74.00	-27.26	0	100	V
		9.859	31.79	PK2	37.20	-21.40	0.00	47.59	-	-	74.00	-26.41	0	100	H
		9.844	32.61	PK2	37.20	-21.50	0.00	48.31	-	-	74.00	-25.69	0	100	V

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

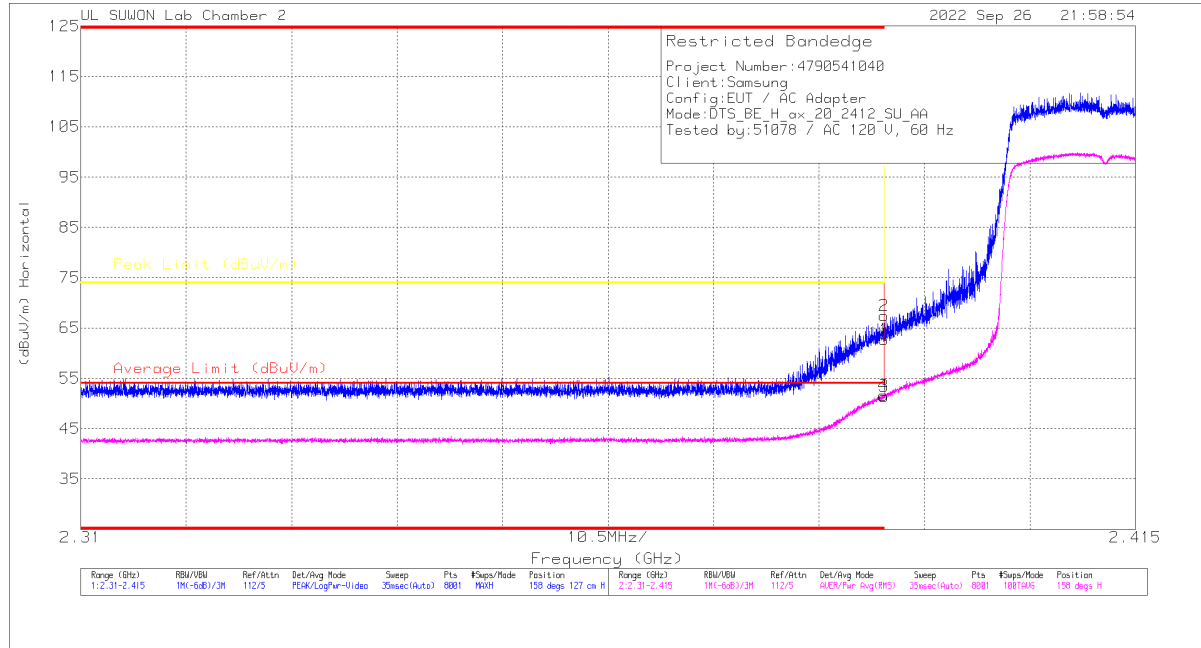
Note2. * - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

10.1.4. TX ABOVE 1 GHz 802.11ax HE20 MODE IN THE 2.4 GHz BAND

2TX Antenna 1 + Antenna 2

BANDEDGE (1 CHANNEL, SU MODE)

HORIZONTAL RESULT



Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	3117_00168724	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	* 2.39	50.71	Pk	31.7	-19.7	0	62.71	-	-	74	-11.29	158	127	H
2	* 2.38997	55.48	Pk	31.7	-19.7	0	67.48	-	-	74	-6.52	158	127	H
3	* 2.39	39.44	RMS	31.7	-19.7	0	51.44	54	-2.56	-	-	158	127	H
4	* 2.38992	39.63	RMS	31.7	-19.7	0	51.63	54	-2.37	-	-	158	127	H

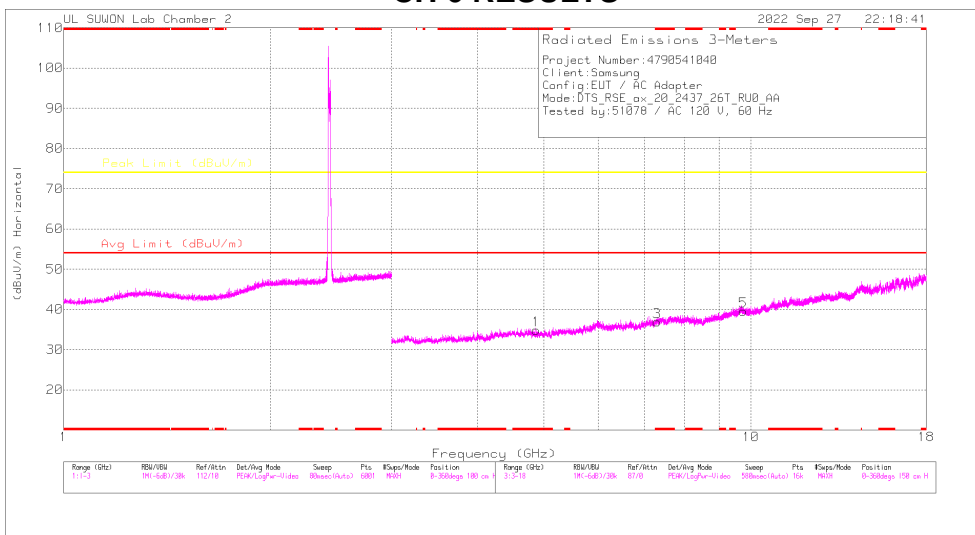
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band
 Pk - Peak detector
 RMS - RMS detection

BANDEDGE TEST DATA

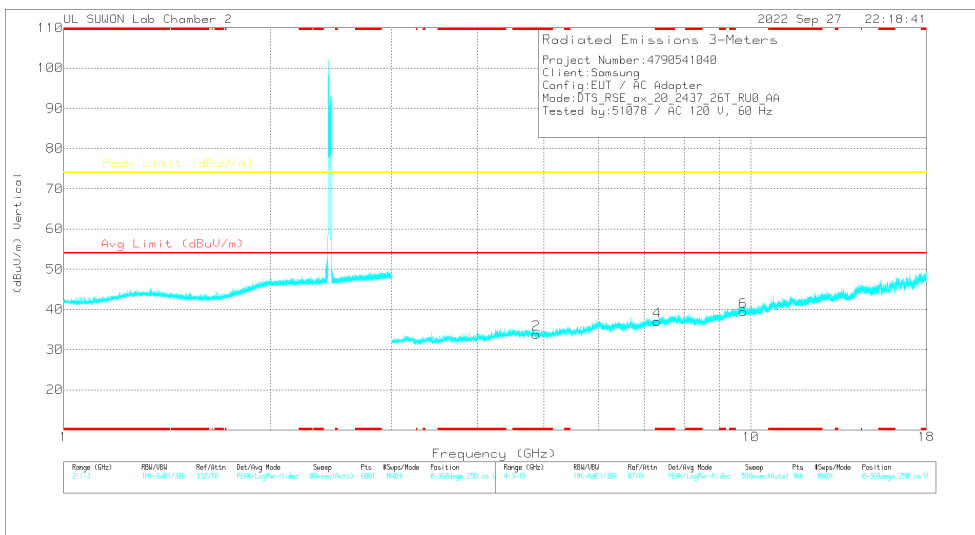
Freq. [MHz]	Antenna	Frequency [GHz]	Reading [dBuV]	Detector Mode	ANT Factor	Loss [dB]	DC Corr [dB]	Result [dBuV/m]	AV Limit [dBuV/m]	AV Margin [dB]	PK Limit [dBuV/m]	PK Margin [dB]	Azimuth [Degs]	Height [cm]	Polarity	
2412 0RU	MIMO	* 2.39	51.37	Pk	31.70	-19.70	0.00	63.37	-	-	74.00	-10.63	124	145	H	
		* 2.38775	53.82	Pk	31.70	-19.50	0.00	66.02	-	-	74.00	-7.98	124	145	H	
		* 2.39	31.05	RMS	31.70	-19.70	0.00	43.05	54.00	-10.95	-	-	-	124	145	H
		* 2.38796	32.11	RMS	31.70	-19.50	0.00	44.31	54.00	-9.69	-	-	-	124	145	H
		* 2.39	43.42	Pk	31.70	-19.70	0.00	55.42	-	-	74.00	-18.58	193	400	V	
		* 2.38865	52.99	Pk	31.70	-19.60	0.00	65.09	-	-	74.00	-8.91	193	400	V	
		* 2.39	30.98	RMS	31.70	-19.70	0.00	42.98	54.00	-11.02	-	-	-	193	400	V
* 2.38859	32.02	RMS	31.70	-19.60	0.00	44.12	54.00	-9.88	-	-	-	193	400	V		
2412 SU	MIMO	* 2.39	50.71	Pk	31.70	-19.70	0.00	62.71	-	-	74.00	-11.29	158	127	H	
		* 2.38997	55.48	Pk	31.70	-19.70	0.00	67.48	-	-	74.00	-6.52	158	127	H	
		* 2.39	39.44	RMS	31.70	-19.70	0.00	51.44	54.00	-2.56	-	-	-	158	127	H
		* 2.38992	39.63	RMS	31.70	-19.70	0.00	51.63	54.00	-2.37	-	-	-	158	127	H
		* 2.39	47.65	Pk	31.70	-19.70	0.00	59.65	-	-	74.00	-14.35	194	400	V	
		* 2.38989	52.41	Pk	31.70	-19.70	0.00	64.41	-	-	74.00	-9.59	194	400	V	
		* 2.39	35.18	RMS	31.70	-19.70	0.00	47.18	54.00	-6.82	-	-	-	194	400	V
* 2.38963	35.64	RMS	31.70	-19.70	0.00	47.64	54.00	-6.36	-	-	-	194	400	V		
2462 SU	MIMO	* 2.48351	55.75	Pk	31.90	-19.60	0.00	68.05	-	-	74.00	-5.95	124	142	H	
		* 2.48356	53.89	Pk	31.90	-19.60	0.00	66.19	-	-	74.00	-7.81	124	142	H	
		* 2.48351	36.02	RMS	31.90	-19.60	0.00	48.32	54.00	-5.68	-	-	-	124	142	H
		* 2.48352	36.66	RMS	31.90	-19.60	0.00	48.96	54.00	-5.04	-	-	-	124	142	H
		* 2.48351	52.07	Pk	31.90	-19.60	0.00	64.37	-	-	74.00	-9.63	196	380	V	
		* 2.48357	52.64	Pk	31.90	-19.60	0.00	64.94	-	-	74.00	-9.06	196	380	V	
		* 2.48351	33.87	RMS	31.90	-19.60	0.00	46.17	54.00	-7.93	-	-	-	196	380	V
* 2.48357	33.75	RMS	31.90	-19.60	0.00	46.05	54.00	-7.95	-	-	-	196	380	V		
2472 8RU	MIMO	* 2.48351	58.54	Pk	31.90	-19.60	0.00	70.84	-	-	74.00	-3.16	126	115	H	
		* 2.48357	58.71	Pk	31.90	-19.60	0.00	71.01	-	-	74.00	-2.99	126	115	H	
		* 2.48351	36.66	RMS	31.90	-19.60	0.00	48.96	54.00	-5.04	-	-	-	126	115	H
		* 2.48357	37.38	RMS	31.90	-19.60	0.00	49.68	54.00	-4.32	-	-	-	126	115	H
		* 2.48351	58.50	Pk	31.90	-19.60	0.00	70.80	-	-	74.00	-3.20	109	377	V	
		* 2.48354	59.06	Pk	31.90	-19.60	0.00	71.36	-	-	74.00	-2.64	109	377	V	
		* 2.48351	35.14	RMS	31.90	-19.60	0.00	47.44	54.00	-6.56	-	-	-	109	377	V
* 2.48355	36.66	RMS	31.90	-19.60	0.00	48.96	54.00	-5.04	-	-	-	109	377	V		
2467 SU	ANT2	* 2.48351	40.17	Pk	31.90	-19.60	0.00	52.47	-	-	74.00	-21.53	145	116	H	
		2.523	43.94	Pk	31.90	-19.50	0.00	56.34	-	-	74.00	-17.66	145	116	H	
		* 2.48351	30.86	RMS	31.90	-19.60	0.00	43.16	54.00	-10.84	-	-	-	145	116	H
		2.557	31.31	RMS	32.00	-19.40	0.00	43.91	54.00	-10.09	-	-	-	145	116	H
		* 2.48351	40.92	Pk	31.90	-19.60	0.00	53.22	-	-	74.00	-20.78	88	102	V	
		* 2.49696	43.83	Pk	31.90	-19.50	0.00	56.23	-	-	74.00	-17.77	88	102	V	
		* 2.48351	30.70	RMS	31.90	-19.60	0.00	43.00	54.00	-11.00	-	-	-	88	102	V
2.556	31.36	RMS	32.00	-19.30	0.00	44.06	54.00	-9.94	-	-	-	88	102	V		
2472 SU	ANT2	* 2.48351	51.09	Pk	31.90	-19.60	0.00	63.39	-	-	74.00	-10.61	32	154	H	
		* 2.48354	52.29	Pk	31.90	-19.60	0.00	64.59	-	-	74.00	-9.41	32	154	H	
		* 2.48351	33.11	RMS	31.90	-19.60	0.00	45.41	54.00	-8.59	-	-	-	32	154	H
		* 2.48352	33.59	RMS	31.90	-19.60	0.00	45.89	54.00	-8.11	-	-	-	32	154	H
		* 2.48351	40.73	Pk	31.90	-19.60	0.00	53.03	-	-	74.00	-20.97	90	102	V	
		2.556	43.45	Pk	32.00	-19.30	0.00	56.15	-	-	74.00	-17.85	90	102	V	
		* 2.48351	30.77	RMS	31.90	-19.60	0.00	43.07	54.00	-10.93	-	-	-	90	102	V
2.508	31.58	RMS	31.90	-19.60	0.00	43.88	54.00	-10.12	-	-	-	90	102	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	3117_00168724	3GHz_HP[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
* 4.87036	36.85	PK2	34	-27.7	0	43.15	-	-	74	-30.85	0	100	H
* 4.8842	36.43	PK2	34	-27.6	0	42.83	-	-	74	-31.17	0	100	V
* 7.31845	35.1	PK2	35.7	-24.6	0	46.2	-	-	74	-27.8	0	100	H
* 7.3075	35.66	PK2	35.7	-24.7	0	46.66	-	-	74	-27.34	0	100	V
9.75411	32.8	PK2	37.1	-20.9	0	49	-	-	74	-25	0	100	H
9.75107	32.63	PK2	37.1	-20.9	0	48.83	-	-	74	-25.17	0	100	V

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

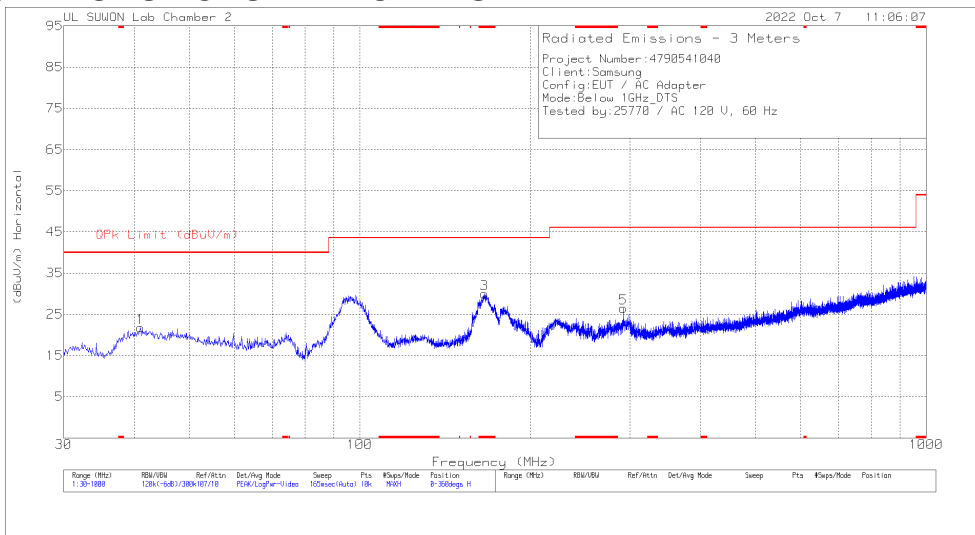
HARMONICS AND SPURIOUS EMISSIONS TEST DATA

Freq. [MHz]	Antenna	Frequency [GHz]	Reading [dBuV]	Detector Mode	ANT Factor	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 RU8	MIMO	* 4.82354	36.84	PK2	34.00	-27.80	0.00	43.04	-	-	74.00	-30.96	0	100	H
		* 4.82748	36.99	PK2	34.00	-27.90	0.00	43.09	-	-	74.00	-30.91	0	100	V
		7.243	35.52	PK2	35.70	-25.20	0.00	46.02	-	-	74.00	-27.98	0	100	H
		7.240	35.59	PK2	35.70	-25.20	0.00	46.09	-	-	74.00	-27.91	0	100	V
		9.643	32.90	PK2	37.00	-21.00	0.00	48.90	-	-	74.00	-25.10	0	100	H
		9.642	32.65	PK2	37.00	-21.10	0.00	48.55	-	-	74.00	-25.45	0	100	V
2437 RU0	MIMO	* 4.87036	36.85	PK2	34.00	-27.70	0.00	43.15	-	-	74.00	-30.85	0	100	H
		* 4.8842	36.43	PK2	34.00	-27.60	0.00	42.83	-	-	74.00	-31.17	0	100	V
		* 7.31845	35.10	PK2	35.70	-24.60	0.00	46.20	-	-	74.00	-27.80	0	100	H
		* 7.3075	35.66	PK2	35.70	-24.70	0.00	46.66	-	-	74.00	-27.34	0	100	V
		9.754	32.80	PK2	37.10	-20.90	0.00	49.00	-	-	74.00	-25.00	0	100	H
		9.751	32.63	PK2	37.10	-20.90	0.00	48.83	-	-	74.00	-25.17	0	100	V
2462 RU0	MIMO	* 4.9278	35.87	PK2	34.00	-27.20	0.00	42.67	-	-	74.00	-31.33	0	100	H
		* 4.93281	36.58	PK2	34.00	-27.10	0.00	43.48	-	-	74.00	-30.52	0	100	V
		* 7.38679	35.34	PK2	35.70	-23.90	0.00	47.14	-	-	74.00	-26.86	0	100	H
		* 7.38358	35.49	PK2	35.70	-23.80	0.00	47.39	-	-	74.00	-26.61	0	100	V
		9.847	32.46	PK2	37.20	-21.50	0.00	48.16	-	-	74.00	-25.84	0	100	H
		9.843	32.72	PK2	37.20	-21.50	0.00	48.42	-	-	74.00	-25.58	0	100	V

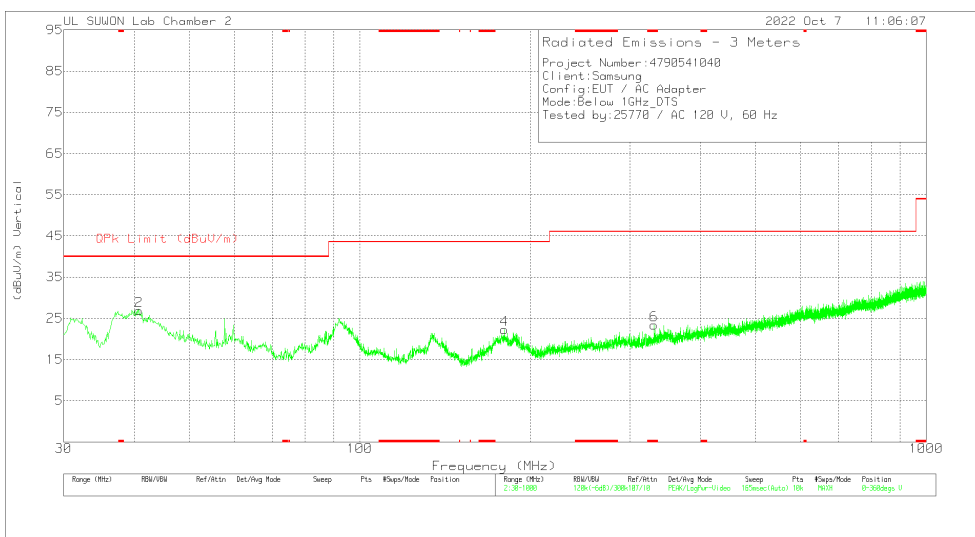
Note1. PK2 - KDB558074 Method: Maximum Peak / MAV1 - KDB558074 Option 1 Maximum RMS Average

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

10.2. WORST CASE BELOW 1 GHZ



HORIZONTAL



VERTICAL

Below 1GHz DATA

Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	VULB9163_749	Below 1G[dB]	DC Corr (dB)	Corrected Reading (dBuV/m)	QPk Limit (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	40.961	34	Pk	19	-31.3	0	21.7	40	-18.3	0-360	200	H
2	40.767	39.31	Pk	18.9	-31.3	0	26.91	40	-13.09	0-360	100	V
3	* 165.897	45.51	Pk	14.5	-30	0	30.01	43.52	-13.51	0-360	100	H
4	179.865	36.67	Pk	15.4	-29.8	0	22.27	43.52	-21.25	0-360	100	V
5	291.706	36.57	Pk	19	-29.1	0	26.47	46.02	-19.55	0-360	100	H
6	* 330.894	32.43	Pk	19.8	-28.9	0	23.33	46.02	-22.69	0-360	300	V

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

11. AC POWER LINE CONDUCTED EMISSIONS

LIMITS

FCC §15.207 (a)

Frequency of Emission (MHz)	Conducted Limit (dBuV)	
	Quasi-peak	Average
0.15-0.5	66 to 56*	56 to 46*
0.5-5	56	46
5-30	60	50

* Decreases with the logarithm of the frequency.

TEST PROCEDURE

The EUT is placed on a non-conducting table 40 cm from the vertical ground plane and 80 cm above the horizontal ground plane. The EUT is configured in accordance with ANSI C63.10.

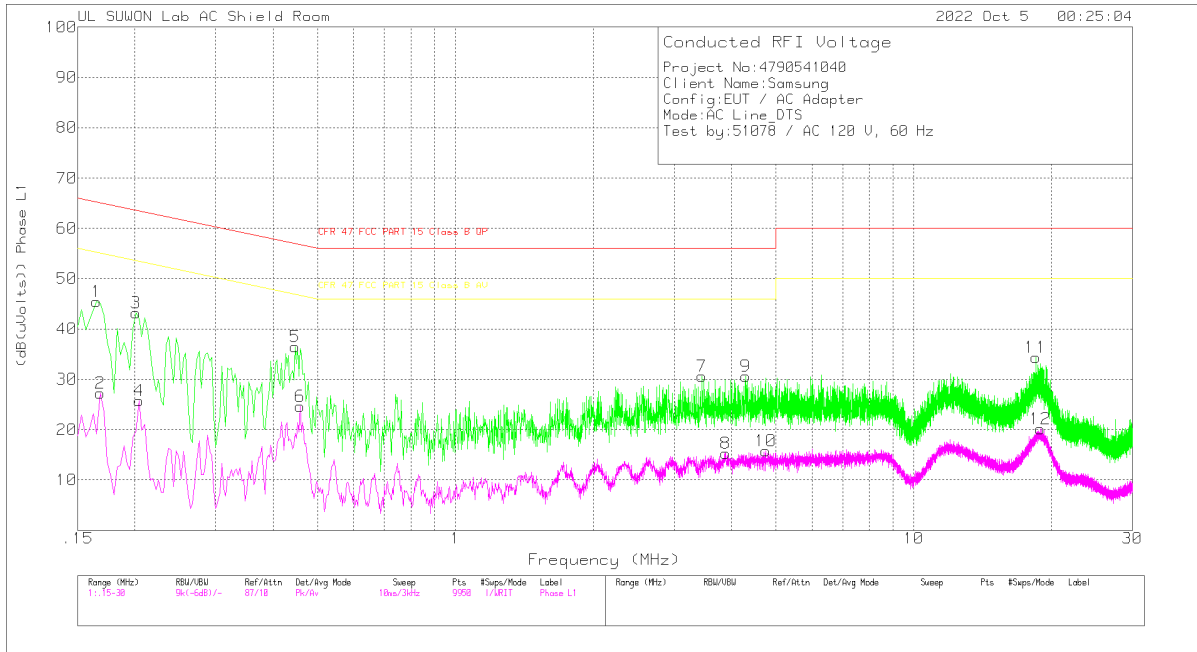
The receiver is set to a resolution bandwidth of 9 kHz. Peak detection is used unless otherwise noted as quasi-peak or average.

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

RESULTS

11.1.1. AC Power Line

LINE 1 RESULTS



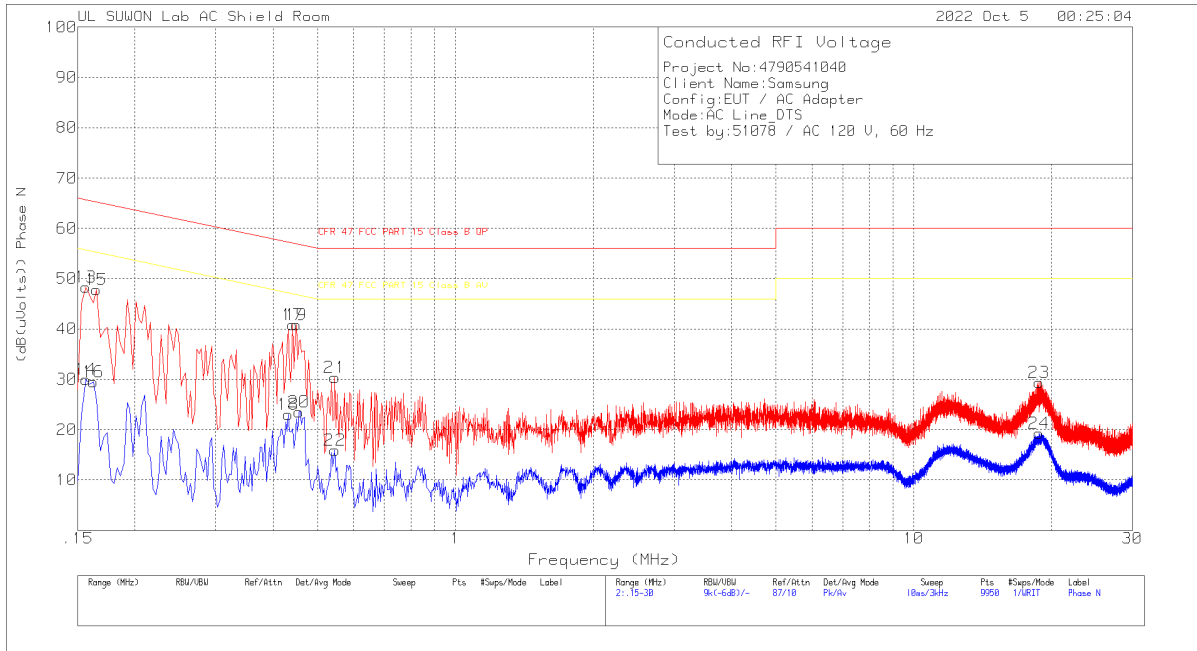
Trace Markers

Range 1: Phase L1 .15 - 30MHz

Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	101836_With EX_L1[dB]	CABLELOSS (dB)	Corrected Reading (dB(uVolts))	CFR 47 FCC PART 15 Class B QP	Margin (dB)	CFR 47 FCC PART 15 Class B AV	Margin (dB)
1	.165	35.47	Pk	9.9	.1	45.47	65.21	-19.74	-	-
2	.168	17.19	Av	10	.1	27.29	-	-	55.06	-27.77
3	.201	33.19	Pk	9.8	.2	43.19	63.57	-20.38	-	-
4	.204	15.73	Av	9.8	.2	25.73	-	-	53.45	-27.72
5	.447	26.49	Pk	9.8	.2	36.49	56.93	-20.44	-	-
6	.459	14.52	Av	9.9	.2	24.62	-	-	46.71	-22.09
7	3.45	20.63	Pk	9.7	.3	30.63	56	-25.37	-	-
8	3.882	5.24	Av	9.7	.3	15.24	-	-	46	-30.76
9	4.305	20.65	Pk	9.7	.3	30.65	56	-25.35	-	-
10	4.752	5.75	Av	9.7	.3	15.75	-	-	46	-30.25
11	18.444	23.89	Pk	10.1	.4	34.39	60	-25.61	-	-
12	18.882	9.63	Av	10.1	.4	20.13	-	-	50	-29.87

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_With EX_N[dB]	CABLELOSS (dB)	Corrected Reading (dB(uVolts))	CFR 47 FCC PART 15 Class B QP	Margin (dB)	CFR 47 FCC PART 15 Class B AV	Margin (dB)
13	.156	38.44	Pk	9.8	.1	48.34	65.67	-17.33	-	-
14	.156	20.08	Av	9.8	.1	29.98	-	-	55.67	-25.69
15	.165	37.87	Pk	9.9	.1	47.87	65.21	-17.34	-	-
16	.162	19.54	Av	9.9	.1	29.54	-	-	55.36	-25.82
17	.441	30.79	Pk	9.9	.2	40.89	57.04	-16.15	-	-
18	.432	12.96	Av	9.8	.2	22.96	-	-	47.21	-24.25
19	.45	30.7	Pk	9.9	.2	40.8	56.88	-16.08	-	-
20	.456	13.46	Av	9.9	.2	23.56	-	-	46.77	-23.21
21	.546	20.22	Pk	9.9	.2	30.32	56	-25.68	-	-
22	.546	5.85	Av	9.9	.2	15.95	-	-	46	-30.05
23	18.768	18.81	Pk	10.2	.4	29.41	60	-30.59	-	-
24	18.78	8.65	Av	10.2	.4	19.25	-	-	50	-30.75

Pk - Peak detector
 Av - Average detection

END OF TEST REPORT