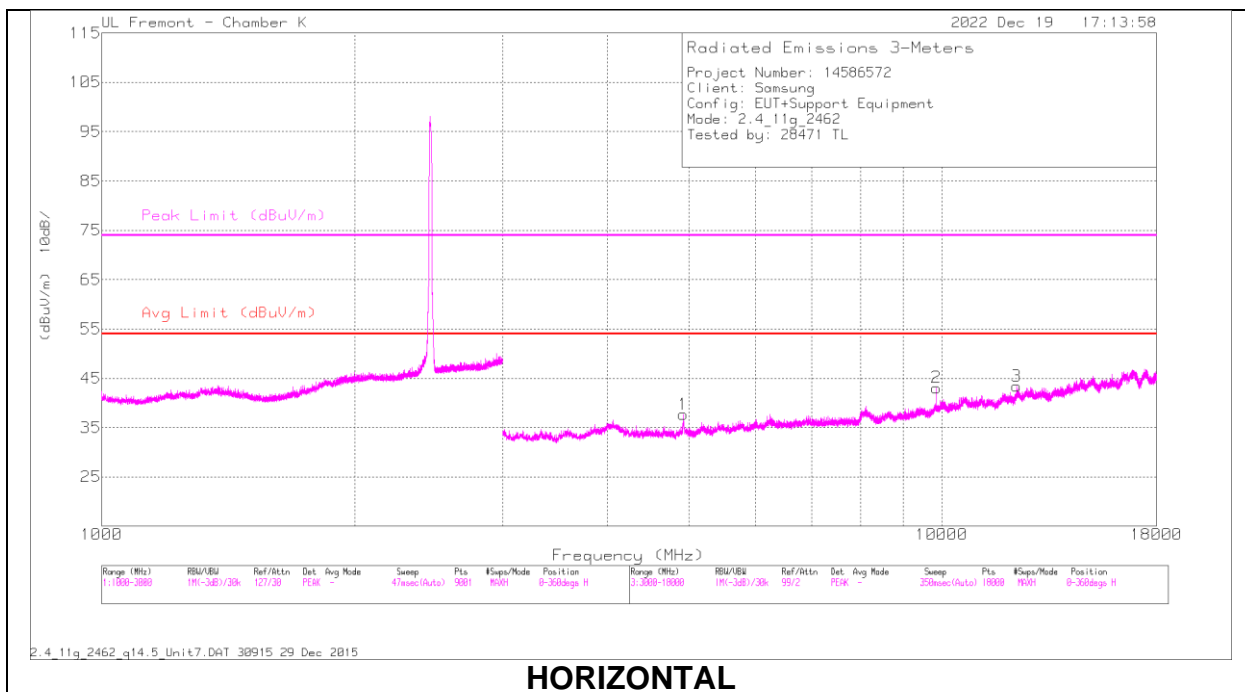
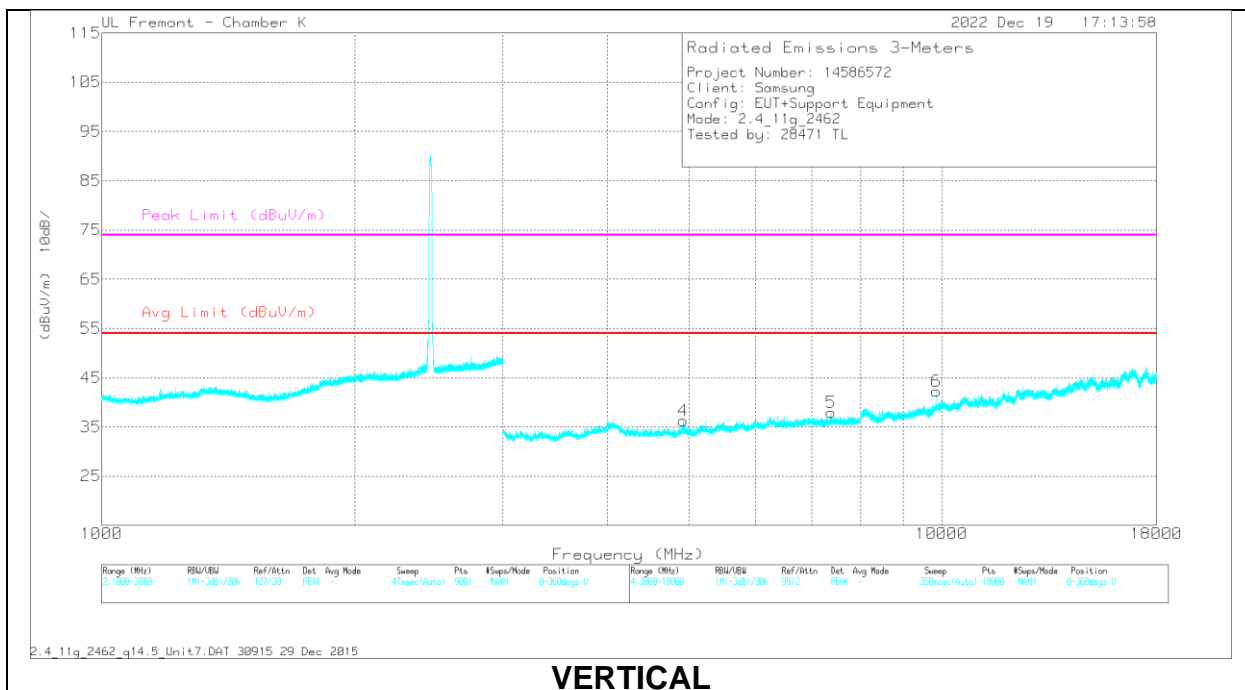


HIGH CHANNEL, CH 11 RESULTS



HORIZONTAL



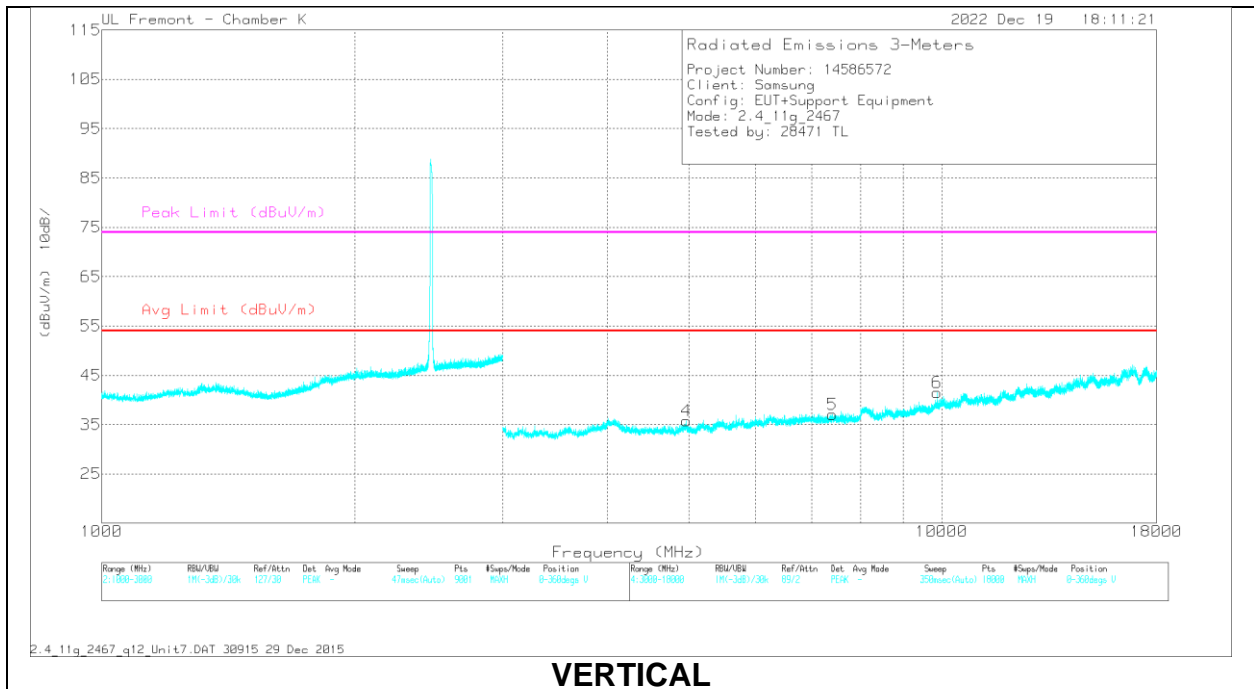
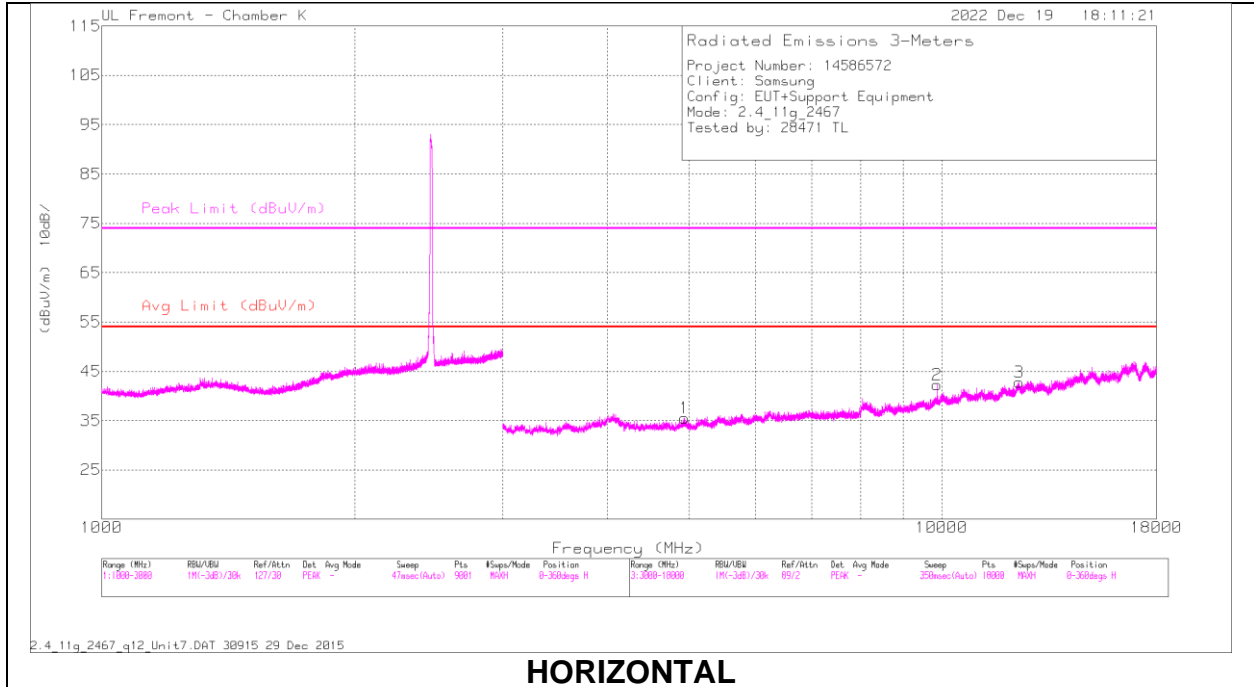
VERTICAL

RADIATED EMISSIONS

Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	223083 ACF (dB) 3mH	Amp/Cbl/Fitr (dB)	DCCF (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 4928.251	55.51	PK2	33.7	-40.5	0	48.71	-	-	74	-25.29	199	261	H
	* 4924.118	43.07	MAv1	33.7	-40.6	.34	36.51	54	-17.49	-	-	199	261	H
2	9848.02	49.46	PK2	37.1	-36.1	0	50.46	-	-	-	-	130	110	H
	9848.06	41.38	MAv1	37.1	-36.1	.34	42.72	-	-	-	-	130	110	H
3	* 12285.303	47.08	PK2	39	-34.1	0	51.98	-	-	74	-22.02	315	271	H
	* 12281.136	35.36	MAv1	39	-34.1	.34	40.6	54	-13.4	-	-	315	271	H
4	* 4931.418	52.64	PK2	33.7	-40.5	0	45.84	-	-	74	-28.16	9	146	V
	* 4927.638	40.34	MAv1	33.7	-40.4	.34	33.98	54	-20.02	-	-	9	146	V
5	* 7365.362	48.84	PK2	35.7	-37.8	0	46.74	-	-	74	-27.26	322	106	V
	* 7385.922	37.4	MAv1	35.7	-37.7	.34	35.74	54	-18.26	-	-	322	106	V
6	9847.847	50.09	PK2	37.1	-36.1	0	51.09	-	-	-	-	137	104	V
	9847.967	40.64	MAv1	37.1	-36.1	.34	41.98	-	-	-	-	137	104	V

* - indicates frequency in CFR47 Pt 15
 PK2 - KDB558074 Method: Maximum Peak
 MAv1 - KDB558074 Option 1 Maximum RMS Average

HIGH CHANNEL, CH 12 RESULTS

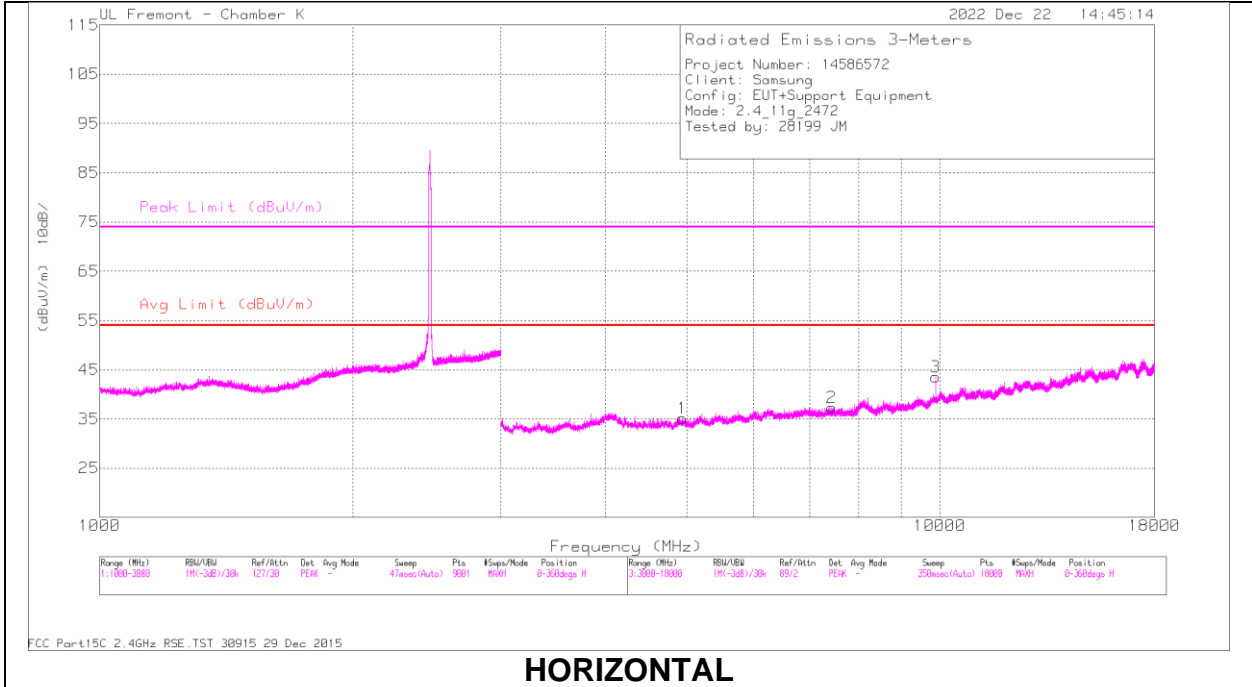


RADIATED EMISSIONS

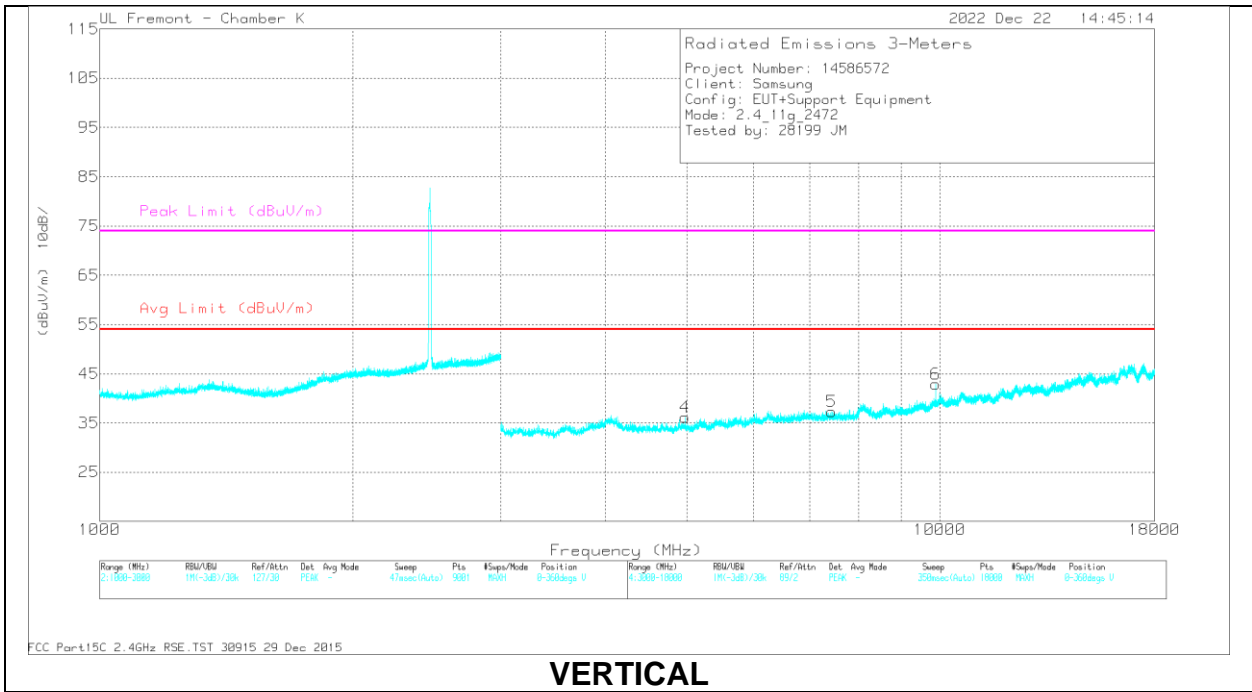
Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	223083 ACF (dB) 3mH	Amp/Cbl/Fitr (dB)	DCCF (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 4935.545	52.88	PK2	33.7	-40.5	0	46.08	-	-	74	-27.92	281	112	H
	* 4933.892	40.92	MAv1	33.7	-40.4	.34	34.56	54	-19.44	-	-	281	112	H
2	9867.688	49.34	PK2	37.1	-36	0	50.44	-	-	-	-	134	102	H
	9868.055	41.9	MAv1	37.1	-36	.34	43.34	-	-	-	-	134	102	H
3	* 12362.2	47.71	PK2	39	-34	0	52.71	-	-	74	-21.29	217	359	H
	* 12349.533	35.34	MAv1	39	-33.9	.34	40.78	54	-13.22	-	-	217	359	H
4	* 4971.107	51.19	PK2	33.8	-40.2	0	44.79	-	-	74	-29.21	331	210	V
	* 4953.174	39.93	MAv1	33.7	-40.5	.34	33.47	54	-20.53	-	-	331	210	V
5	* 7432.33	48.49	PK2	35.7	-37.7	0	46.49	-	-	74	-27.51	216	147	V
	* 7390.477	37.27	MAv1	35.7	-37.7	.34	35.61	54	-18.39	-	-	216	147	V
6	9867.841	49.38	PK2	37.1	-36	0	50.48	-	-	-	-	140	102	V
	9868.015	40.92	MAv1	37.1	-36	.34	42.36	-	-	-	-	140	102	V

* - indicates frequency in CFR47 Pt 15
 PK2 - KDB558074 Method: Maximum Peak
 MAv1 - KDB558074 Option 1 Maximum RMS Average

HIGH CHANNEL, CH 13 RESULTS



HORIZONTAL



VERTICAL

RADIATED EMISSIONS

Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	223083 ACF (dB) 3mH	Amp/Cbl/Fitr (dB)	DCCF (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 4939.977	51.8	PK2	33.7	-40.4	0	45.1	-	-	74	-28.9	3	173	H
	* 4939.69	39.98	MAv1	33.7	-40.5	.34	33.52	54	-20.48	-	-	3	173	H
2	* 7428.363	48.79	PK2	35.7	-37.7	0	46.79	-	-	74	-27.21	71	257	H
	* 7429.012	37.12	MAv1	35.7	-37.7	.34	35.46	54	-18.54	-	-	71	257	H
3	9888.05	50.3	PK2	37.1	-35.9	0	51.5	-	-	-	-	126	103	H
	9888.035	41.97	MAv1	37.1	-35.9	.34	43.51	-	-	-	-	126	103	H
4	* 4968.257	50.87	PK2	33.8	-40.4	0	44.27	-	-	74	-29.73	135	117	V
	* 4968.182	39.45	MAv1	33.8	-40.4	.34	33.19	54	-20.81	-	-	135	117	V
5	* 7426.809	48.71	PK2	35.7	-37.7	0	46.71	-	-	74	-27.29	239	321	V
	* 7425.353	37.05	MAv1	35.7	-37.8	.34	35.29	54	-18.71	-	-	239	321	V
6	9888.189	49.62	PK2	37.1	-35.9	0	50.82	-	-	-	-	269	185	V
	9888.053	38.3	MAv1	37.1	-35.9	.34	39.84	-	-	-	-	269	185	V

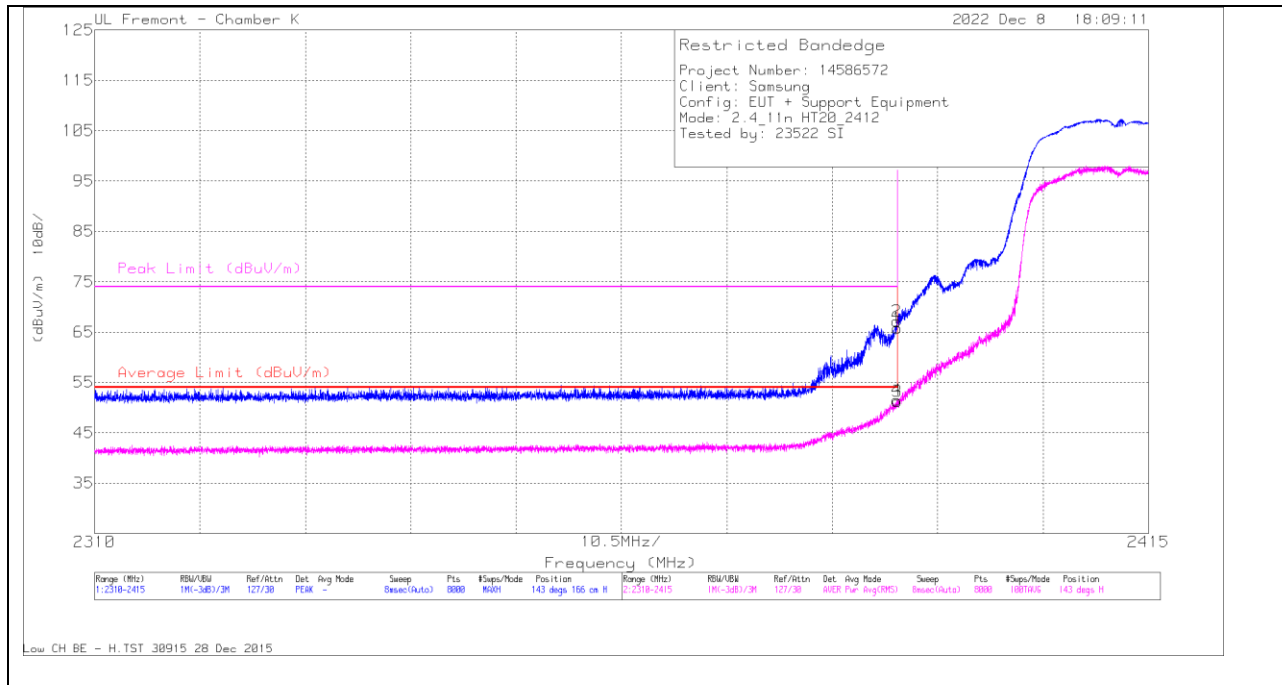
* - indicates frequency in CFR47 Pt 15
 PK2 - KDB558074 Method: Maximum Peak
 MAv1 - KDB558074 Option 1 Maximum RMS Average

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

1TX Antenna 1 MODE

BANDEDGE (LOW CHANNEL, CH 1)

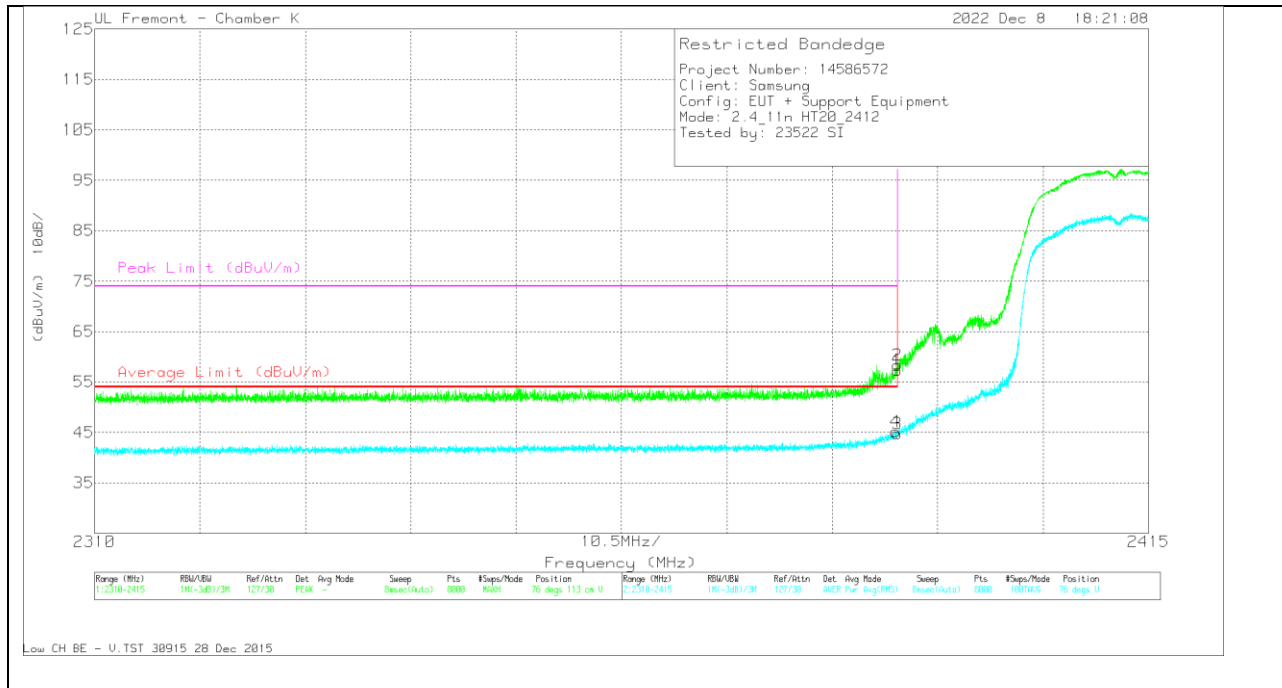
HORIZONTAL RESULT



Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	223083 ACF (dB) 3mH	Amp/Cb/Pad (dB)	DCCF (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2390	68.96	Pk	31.8	-34.9	0	65.86	-	-	74	-8.14	143	166	H
2	* 2389.917	70.32	Pk	31.8	-34.9	0	67.22	-	-	74	-6.78	143	166	H
3	* 2390	54.02	RMS	31.8	-34.9	.36	51.28	54	-2.72	-	-	143	166	H
4	* 2389.93	54.25	RMS	31.8	-34.9	.36	51.51	54	-2.49	-	-	143	166	H

* - indicates frequency in CFR47 Pt 15
 PK - Peak detector
 RMS - RMS detection

VERTICAL RESULT

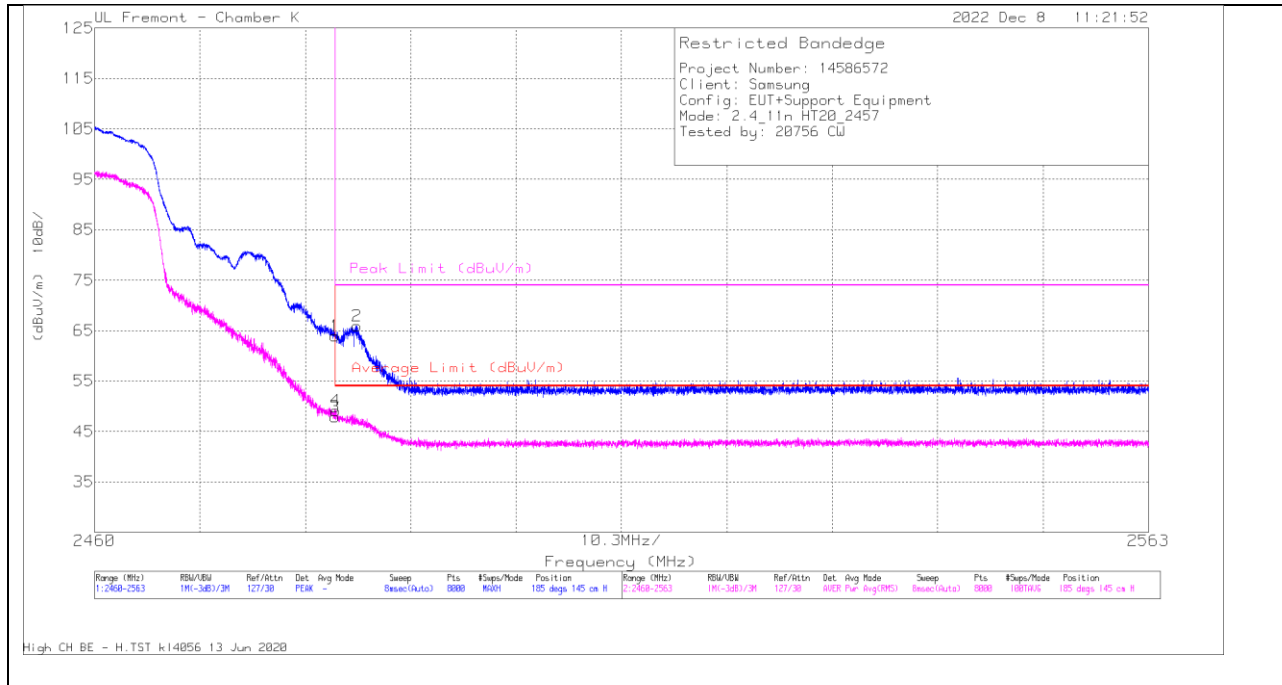


Marker	Frequency (MHz)	Meter Reading (dBu)	Det	223083 ACF (dB) 3m1	Amp/Cb/Pad (dB)	DCCF (dB)	Corrected Reading (dBu/m)	Average Limit (dBu/m)	Margin (dB)	Peak Limit (dBu/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2390	60.41	Pk	31.8	-34.9	0	57.31	-	-	74	-16.69	76	113	V
2	* 2389.97	61.48	Pk	31.8	-34.9	0	56.38	-	-	74	-15.62	76	113	V
3	* 2390	47.53	RMS	31.8	-34.9	.36	44.79	54	-9.21	-	-	76	113	V
4	* 2389.825	47.84	RMS	31.8	-34.9	.36	45.1	54	-8.9	-	-	76	113	V

* - indicates frequency in CFR47 Pt 15
 Pk - Peak detector
 RMS - RMS detection

BANDEDGE (HIGH CHANNEL, CH 10)

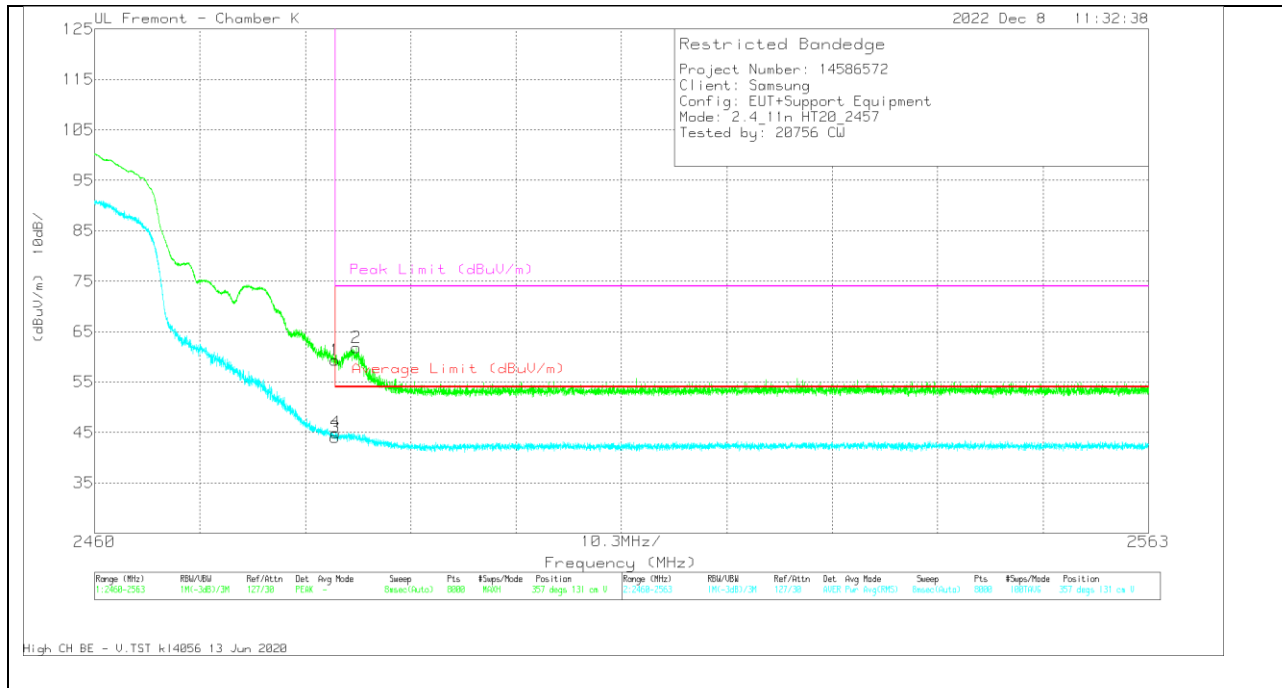
HORIZONTAL RESULT



Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	223083 ACF (dB) 3mH	Amp/ChIPad (dB)	DCCF (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2483.5	68.21	Pk	32.2	-34.5	0	63.91	-	-	74	-10.09	185	145	H
2	* 2485.625	68.28	Pk	32.2	-34.5	0	65.98	-	-	74	-8.02	185	145	H
3	* 2483.5	49.84	RMS	32.2	-34.5	.36	47.9	54	-6.1	-	-	185	145	H
4	* 2483.565	51.11	RMS	32.2	-34.5	.36	49.17	54	-4.83	-	-	185	145	H

* - indicates frequency in CFR47 Pt 15
 Pk - Peak detector
 RMS - RMS detection

VERTICAL RESULT

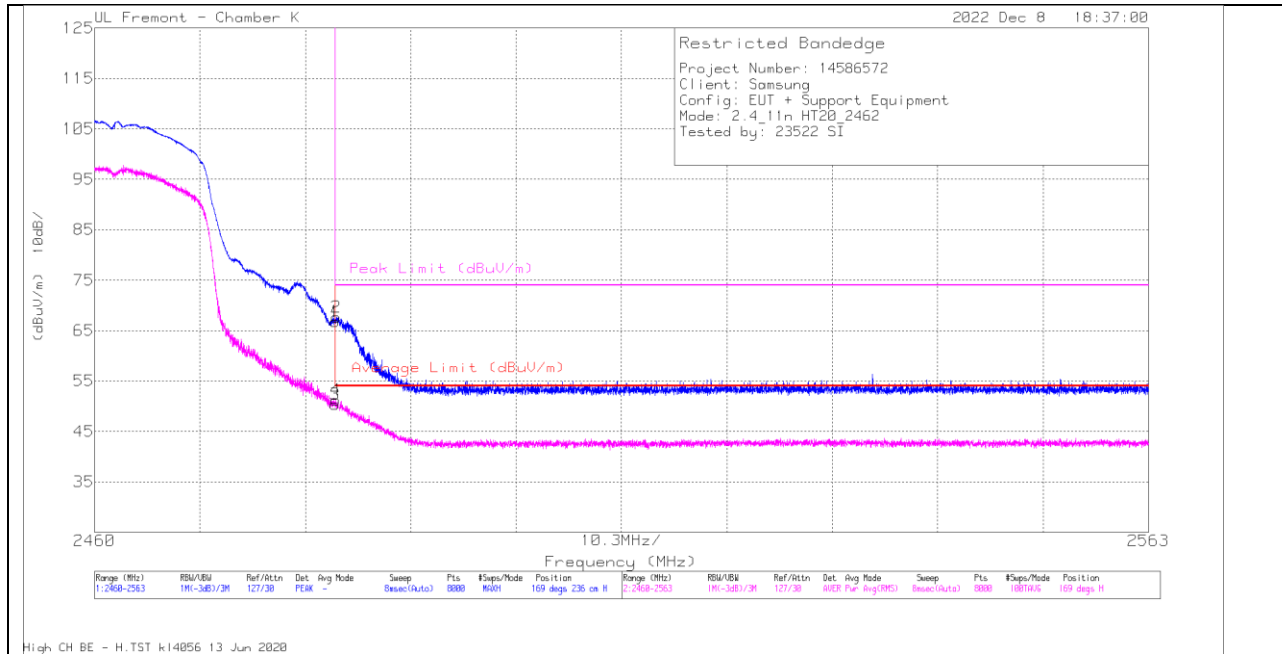


Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	223083 ACF (dB) 3mH	Amp/Cbl/Pad (dB)	DCCF (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2483.5	61.69	Pk	32.2	-34.5	0	59.39	-	-	74	-14.61	357	131	V
2	* 2485.599	64.07	Pk	32.2	-34.5	0	61.77	-	-	74	-12.23	357	131	V
3	* 2483.5	46.33	RMS	32.2	-34.5	.36	44.39	54	-9.61	-	-	357	131	V
4	* 2483.578	47.27	RMS	32.2	-34.5	.36	45.37	54	-8.7	-	-	357	131	V

* - indicates frequency in CFR47 Pt 15
 Pk - Peak detector
 RMS - RMS detection

BANDEDGE (HIGH CHANNEL, CH 11)

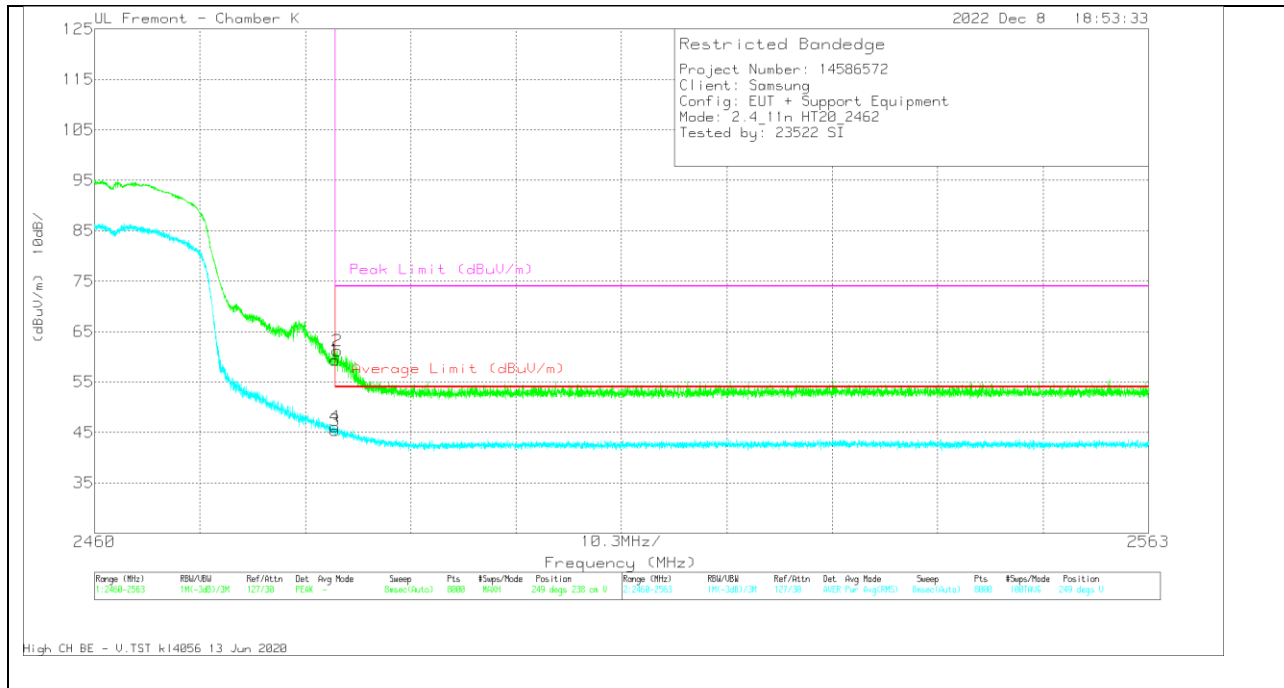
HORIZONTAL RESULT



Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	223083 ACF (dB) 3mH	Amp/Ch/Pad (dB)	DCCF (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	*2483.5	69.04	Pk	32.2	-34.5	0	66.74	-	-	74	-7.26	169	236	H
2	*2483.616	69.98	Pk	32.2	-34.5	0	67.68	-	-	74	-6.32	169	236	H
3	*2483.5	52.3	RMS	32.2	-34.5	.36	50.36	54	-3.64	-	-	169	236	H
4	*2483.591	53.19	RMS	32.2	-34.5	.36	51.25	54	-2.75	-	-	169	236	H

* - indicates frequency in CFR47 Pt 15
 Pk - Peak detector
 RMS - RMS detection

VERTICAL RESULT

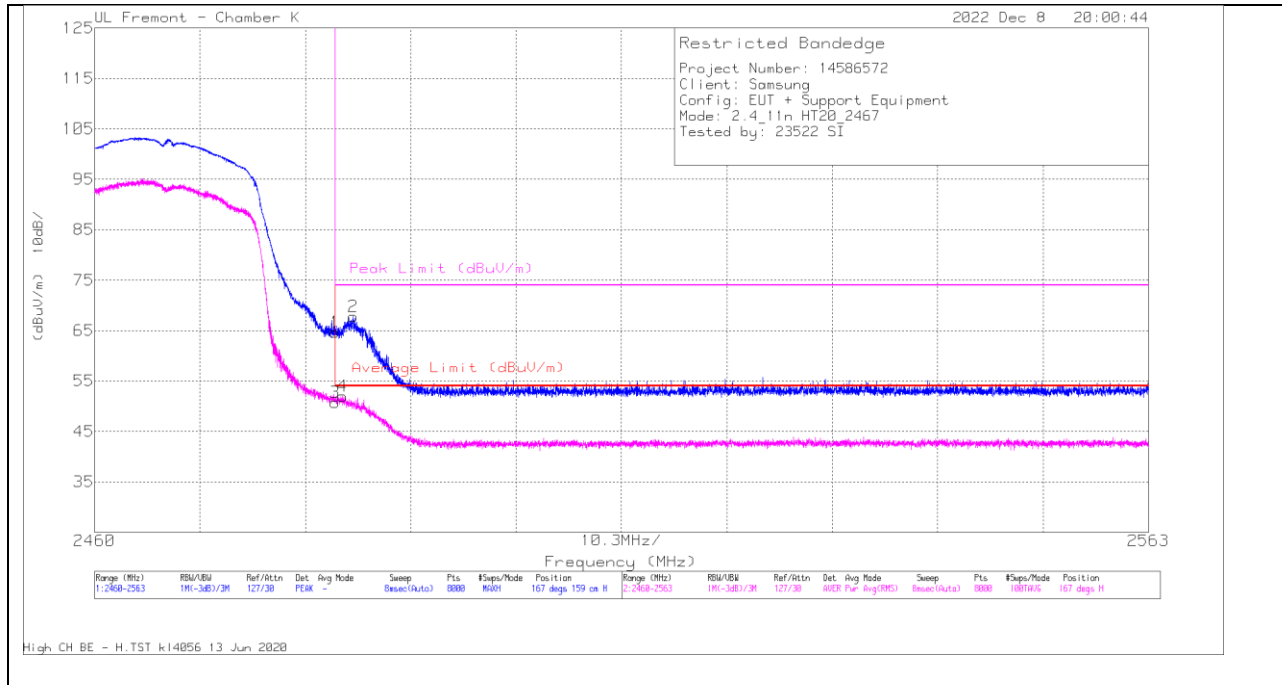


Marker	Frequency (MHz)	Meter Reading (dBu)	Det	223083 ACF (dB) 3mH	Amp/Cb/Pad (dB)	DCCF (dB)	Corrected Reading (dBu/m)	Average Limit (dBu/m)	Margin (dB)	Peak Limit (dBu/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2483.5	61.62	Pk	32.2	-34.5	0	59.32	-	-	74	-14.68	249	238	V
2	* 2483.719	63.47	Pk	32.2	-34.5	0	61.17	-	-	74	-12.83	249	238	V
3	* 2483.5	47.34	RMS	32.2	-34.5	.36	45.4	54	-8.6	-	-	249	238	V
4	* 2483.513	48.08	RMS	32.2	-34.5	.36	46.14	54	-7.86	-	-	249	238	V

* - indicates frequency in CFR47 Pt 15
 Pk - Peak detector
 RMS - RMS detection

BANDEDGE (HIGH CHANNEL, CH 12)

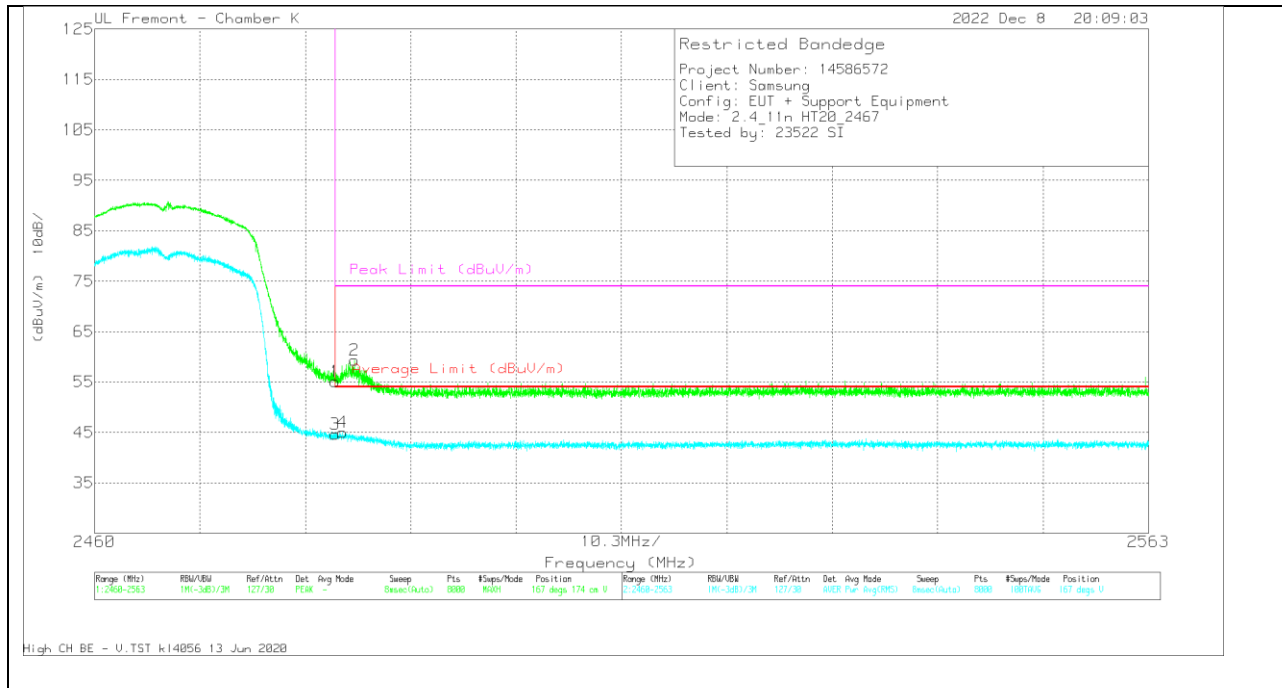
HORIZONTAL RESULT



Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	223083 ACF (dB) 3mH	Amp/ChIPad (dB)	DCCF (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2483.5	68.95	Pk	32.2	-34.5	0	54.58	-	-	74	-9.32	167	159	H
2	* 2485.252	70.05	Pk	32.2	-34.5	0	67.75	-	-	74	-6.25	167	159	H
3	* 2483.5	52.75	RMS	32.2	-34.5	.36	50.81	54	-3.19	-	-	167	159	H
4	* 2484.247	53.94	RMS	32.2	-34.5	.36	52	54	-2	-	-	167	159	H

* - indicates frequency in CFR47 Pt 15
 Pk - Peak detector
 RMS - RMS detection

VERTICAL RESULT

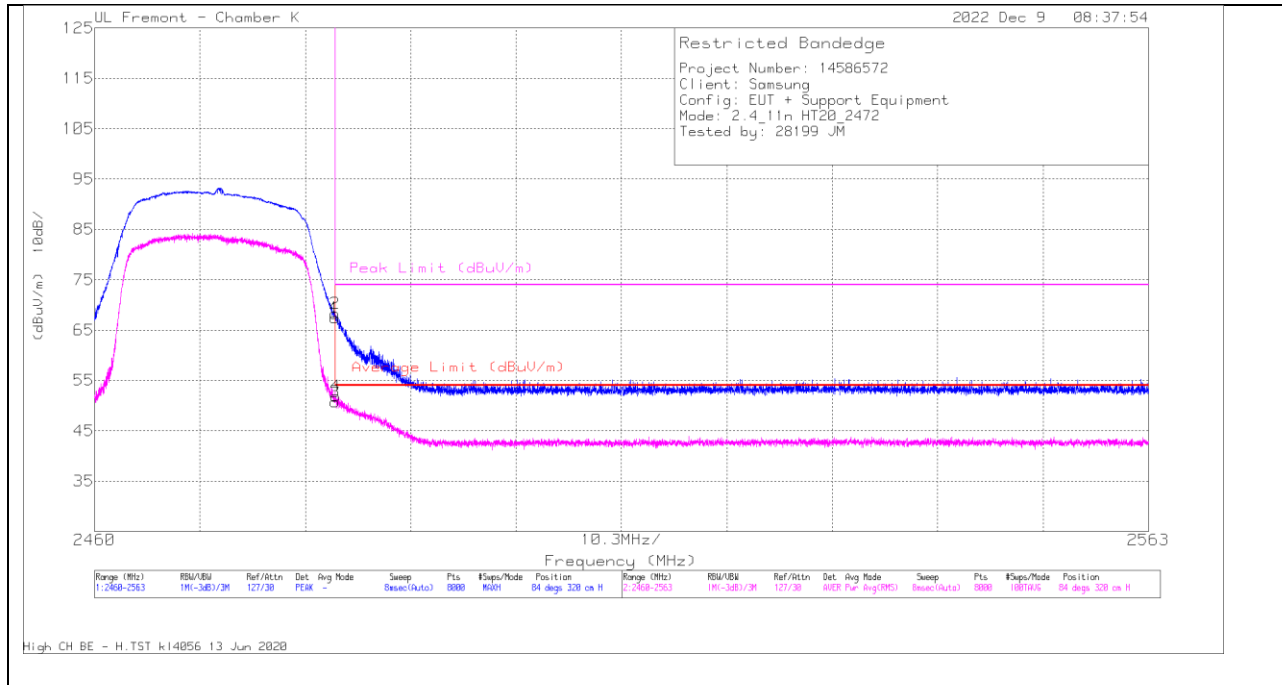


Marker	Frequency (MHz)	Meter Reading (dBu)	Det	223083 ACF (dB) 3mH	Amp/Cb/Pad (dB)	DCCF (dB)	Corrected Reading (dBu/m)	Average Limit (dBu/m)	Margin (dB)	Peak Limit (dBu/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2483.5	57.41	Pk	32.2	-34.5	0	55.11	-	-	74	-18.89	167	174	V
2	* 2485.393	61.65	Pk	32.2	-34.5	0	59.35	-	-	74	-14.65	167	174	V
3	* 2483.5	46.62	RMS	32.2	-34.5	.36	44.68	54	-9.32	-	-	167	174	V
4	* 2484.235	46.98	RMS	32.2	-34.5	.36	45.04	54	-8.96	-	-	167	174	V

* - indicates frequency in CFR47 Pt 15
 Pk - Peak detector
 RMS - RMS detection

BANDEDGE (HIGH CHANNEL, CH 13)

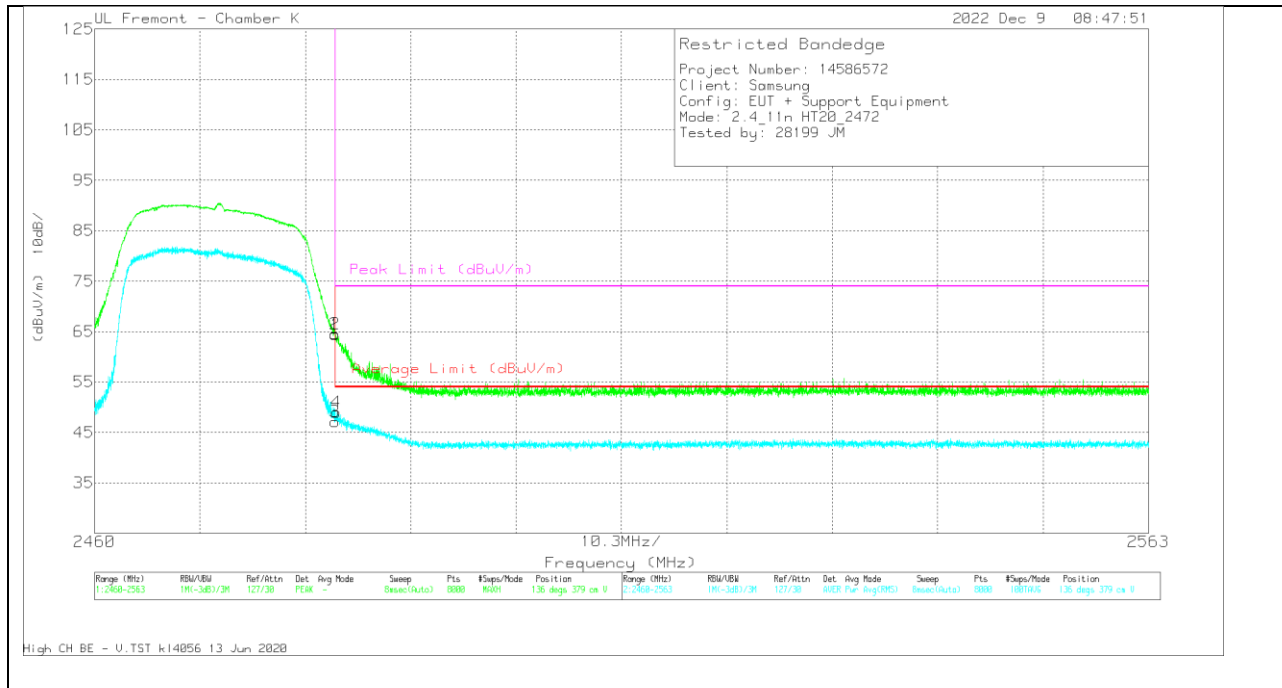
HORIZONTAL RESULT



Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	223083 ACF (dB) 3mH	Amp/ChI/Pad (dB)	DCCF (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2483.5	69.69	Pk	32.2	-34.5	0	67.39	-	-	74	-6.61	84	320	H
2	* 2483.513	70.59	Pk	32.2	-34.5	0	68.29	-	-	74	-5.71	84	320	H
3	* 2483.5	52.65	RMS	32.2	-34.5	.36	50.71	54	-3.29	-	-	84	320	H
4	* 2483.539	53.87	RMS	32.2	-34.5	.36	51.93	54	-2.07	-	-	84	320	H

* - indicates frequency in CFR47 Pt 15
 Pk - Peak detector
 RMS - RMS detection

VERTICAL RESULT

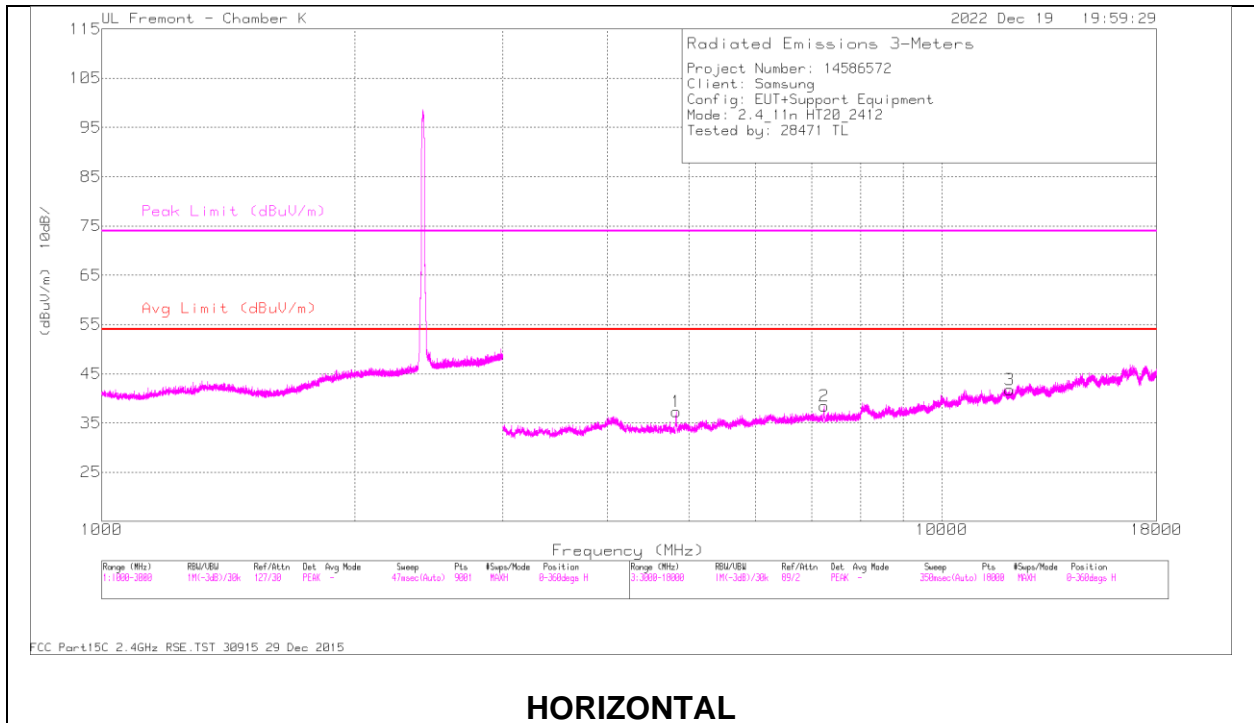


Marker	Frequency (MHz)	Meter Reading (dBu)	Det	223083 ACF (dB) 3mH	Amp/Cb/Pad (dB)	DCCF (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2483.5	66.78	Pk	32.2	-34.5	0	64.48	-	-	74	-9.52	136	379	V
2	* 2483.501	66.81	Pk	32.2	-34.5	0	64.51	-	-	74	-9.49	136	379	V
3	* 2483.5	49.13	RMS	32.2	-34.5	.36	47.19	54	-6.81	-	-	136	379	V
4	* 2483.616	50.97	RMS	32.2	-34.5	.36	49.03	54	-4.97	-	-	136	379	V

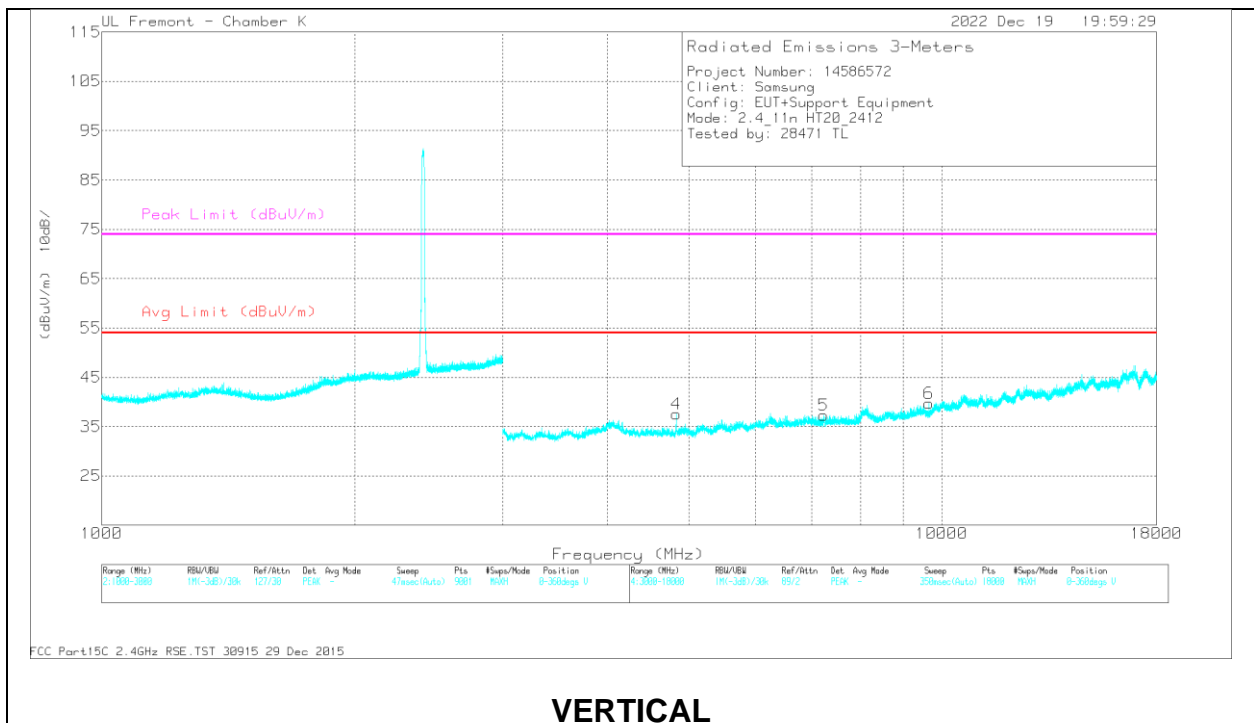
* - indicates frequency in CFR47 Pt 15
 Pk - Peak detector
 RMS - RMS detection

HARMONICS AND SPURIOUS EMISSIONS

LOW CHANNEL, CH 1 RESULTS



HORIZONTAL



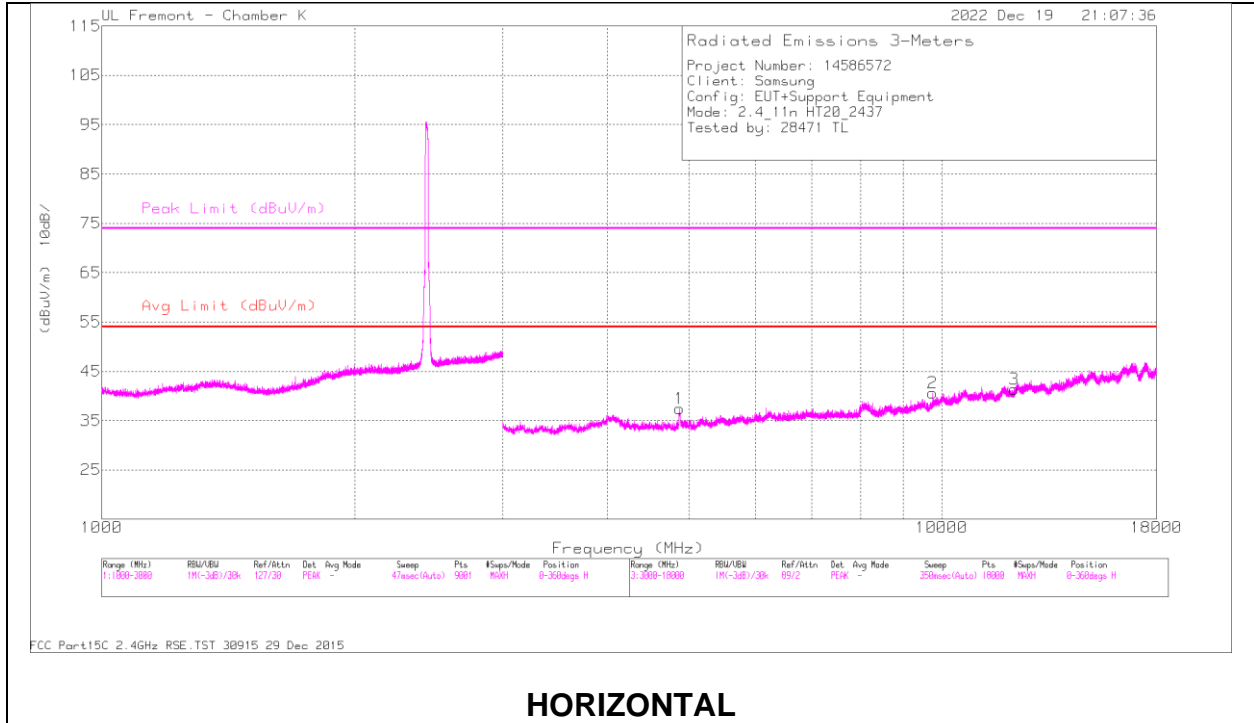
VERTICAL

RADIATED EMISSIONS

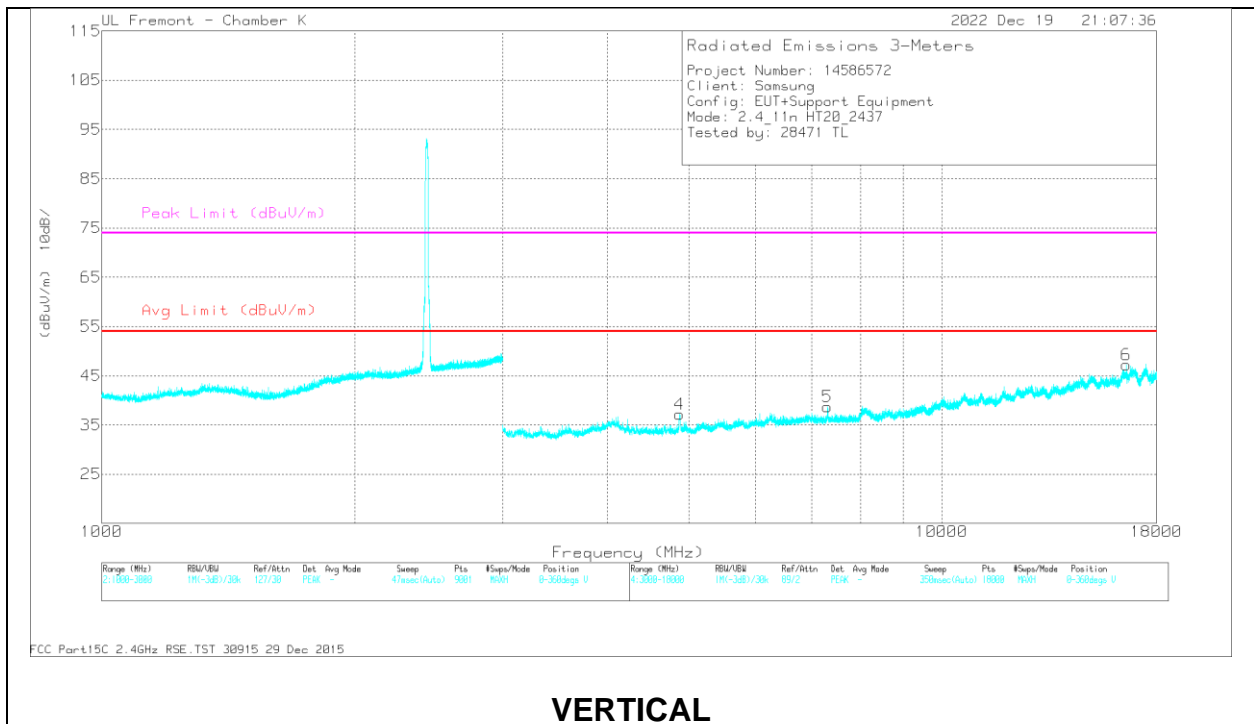
Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	223083 ACF (dB) 3mH	Amp/Cbl/Fitr (dB)	DCCF (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 4827.039	51.32	PK2	33.7	-40.5	0	44.52	-	-	74	-29.48	240	107	H
	* 4826.999	40.1	MAv1	33.7	-40.5	.36	33.66	54	-20.34	-	-	240	107	H
2	7240.05	54.27	PK2	35.7	-38.3	0	51.67	-	-	-	-	117	101	H
	7238.453	40.32	MAv1	35.7	-38.3	.36	38.08	-	-	-	-	117	101	H
3	* 12074.39	46.77	PK2	38.8	-34.4	0	51.17	-	-	74	-22.83	132	223	H
	* 12056.664	34.96	MAv1	38.7	-34.3	.36	39.72	54	-14.28	-	-	132	223	H
4	* 4829.739	52.1	PK2	33.7	-40.4	0	45.4	-	-	74	-28.6	354	153	V
	* 4824.072	39.8	MAv1	33.7	-40.5	.36	33.36	54	-20.64	-	-	354	153	V
5	7238.175	49.58	PK2	35.7	-38.3	0	46.98	-	-	-	-	231	378	V
	7240.199	38.01	MAv1	35.7	-38.3	.36	35.77	-	-	-	-	231	378	V
6	9635.849	47.86	PK2	36.8	-36.4	0	48.26	-	-	-	-	95	152	V
	9648.109	38.04	MAv1	36.8	-36.4	.36	38.8	-	-	-	-	95	152	V

* - indicates frequency in CFR47 Pt 15
 PK2 - KDB558074 Method: Maximum Peak
 MAv1 - KDB558074 Option 1 Maximum RMS Average

MID CHANNEL, CH 6 RESULTS



HORIZONTAL



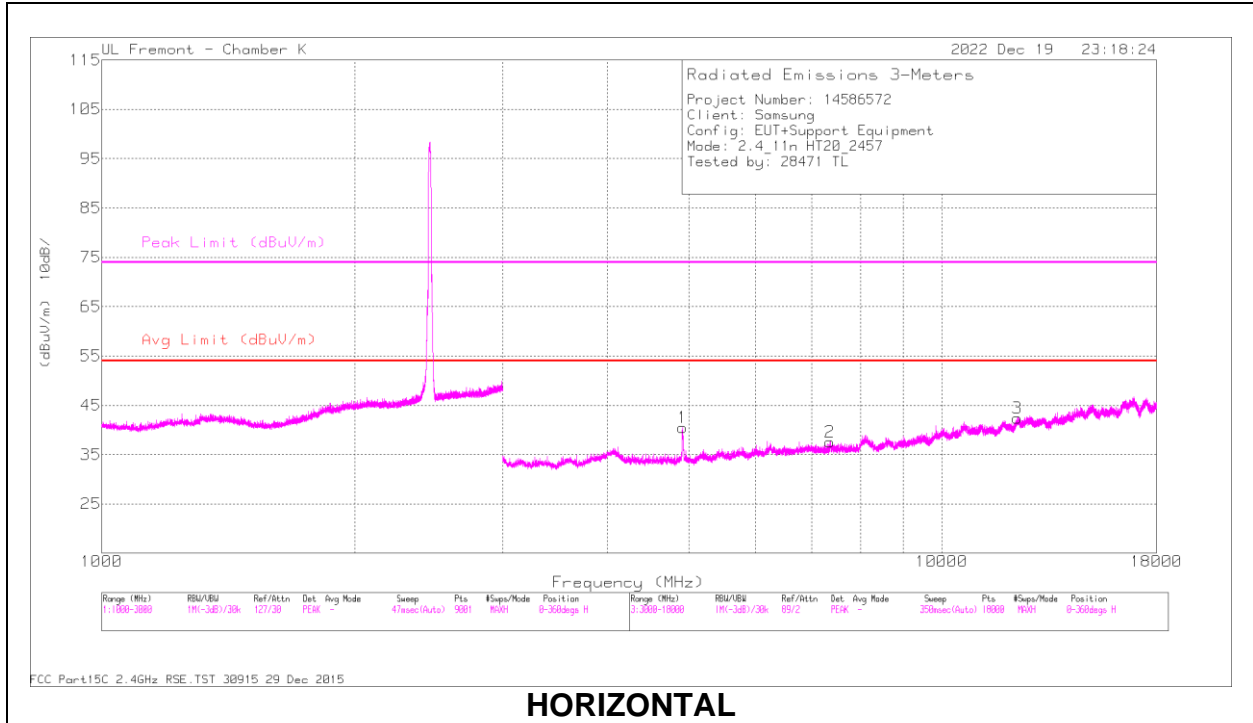
VERTICAL

RADIATED EMISSIONS

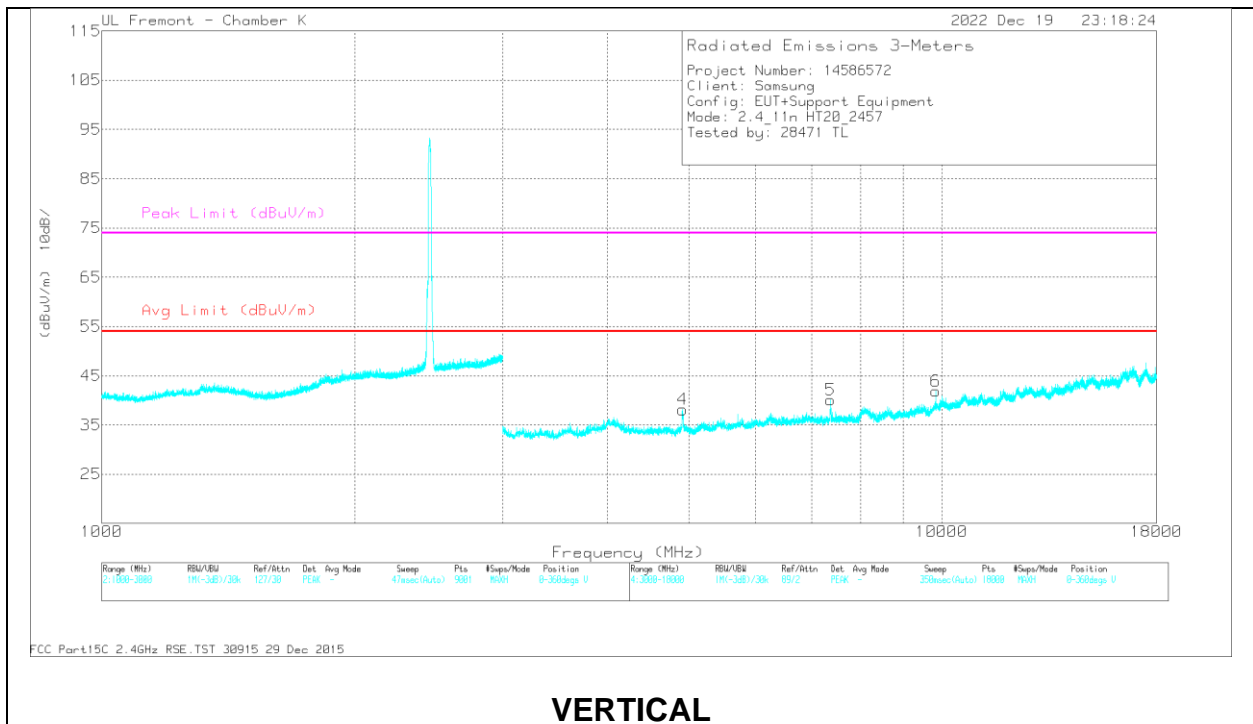
Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	223083 ACF (dB) 3mH	Amp/Cbl/Ftr (dB)	DCCF (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 4864.508	54.3	PK2	33.7	-40.4	0	47.6	-	-	74	-26.4	178	399	H
	* 4873.655	42.71	MAv1	33.7	-40.3	.36	36.47	54	-17.53	-	-	178	399	H
2	9741.928	48.22	PK2	36.9	-36.4	0	48.72	-	-	-	-	234	126	H
	9747.975	38.34	MAv1	36.9	-36.4	.36	39.2	-	-	-	-	234	126	H
3	* 12178.685	46.11	PK2	38.9	-34.4	0	50.61	-	-	74	-23.39	16	244	H
	* 12192.178	34.72	MAv1	38.9	-34.5	.36	39.48	54	-14.52	-	-	16	244	H
4	* 4865.795	52.46	PK2	33.7	-40.3	0	45.86	-	-	74	-28.14	143	114	V
	* 4873.775	40.41	MAv1	33.7	-40.3	.36	34.17	54	-19.83	-	-	143	114	V
5	* 7306.084	49.17	PK2	35.7	-38.1	0	46.77	-	-	74	-27.23	262	115	V
	* 7302.184	37.31	MAv1	35.7	-38.1	.36	35.27	54	-18.73	-	-	262	115	V
6	16580.503	46.27	PK2	41.2	-32.4	0	55.07	-	-	-	-	223	126	V
	16554.01	34.95	MAv1	41.1	-32.2	.36	44.21	-	-	-	-	223	126	V

* - indicates frequency in CFR47 Pt 15
 PK2 - KDB558074 Method: Maximum Peak
 MAv1 - KDB558074 Option 1 Maximum RMS Average

HIGH CHANNEL, CH 10 RESULTS



HORIZONTAL



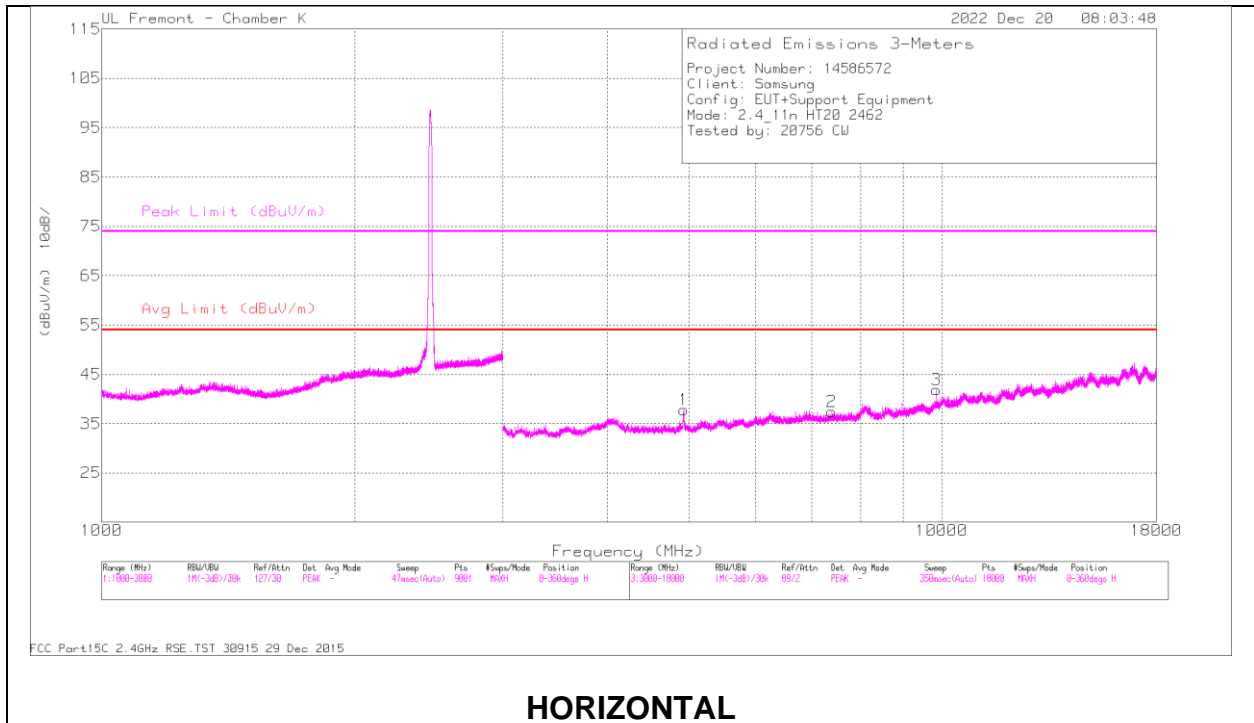
VERTICAL

Radiated Emissions

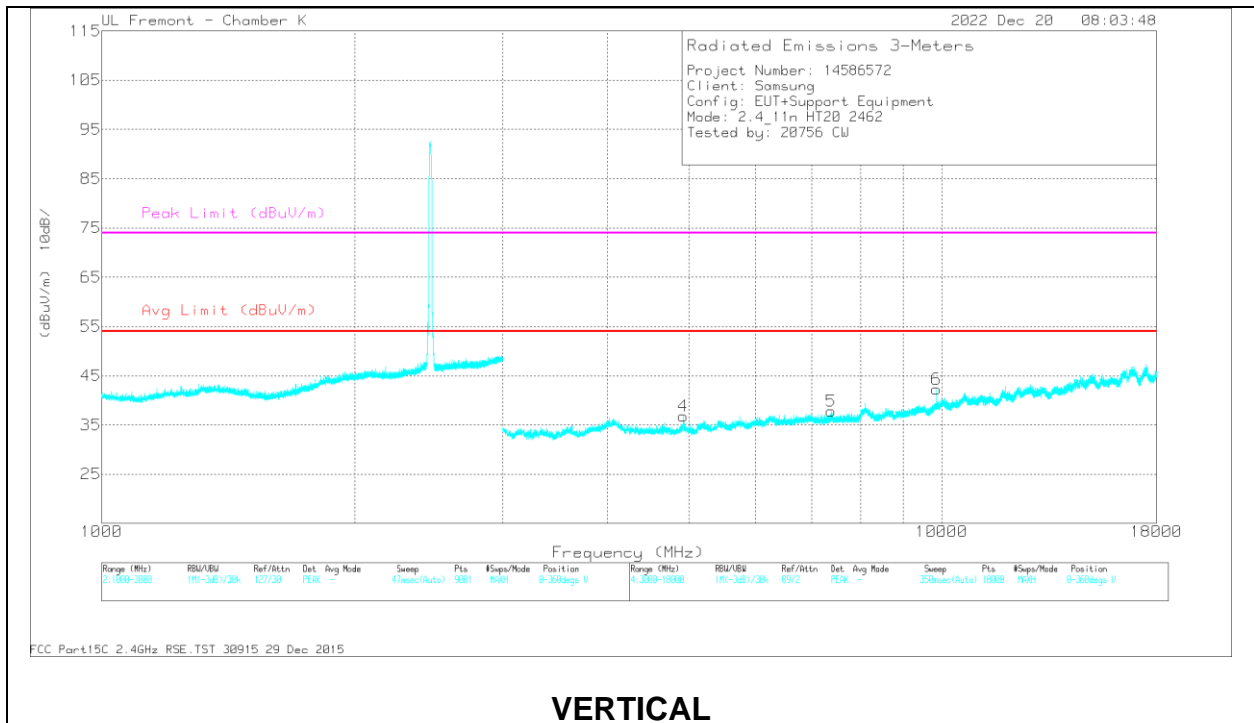
Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	223083 ACF (dB) 3mH	Amp/Cbl/Fitr (dB)	DCCF (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 4922.884	53.16	PK2	33.7	-40.6	0	46.26	-	-	74	-27.74	164	320	H
	* 4915.484	41.38	MAv1	33.7	-40.6	.36	34.84	54	-19.16	-	-	164	320	H
2	* 7372.467	49.2	PK2	35.7	-37.7	0	47.2	-	-	74	-26.8	306	327	H
	* 7335.374	37.29	MAv1	35.7	-37.9	.36	35.45	54	-18.55	-	-	306	327	H
3	* 12319.344	46.46	PK2	39	-33.9	0	51.56	-	-	74	-22.44	49	121	H
	* 12307.61	35.36	MAv1	39	-33.9	.36	40.82	54	-13.18	-	-	49	121	H
4	* 4925.157	52.11	PK2	33.7	-40.5	0	45.31	-	-	74	-28.69	97	166	V
	* 4915.471	40.53	MAv1	33.7	-40.6	.36	33.99	54	-20.01	-	-	97	166	V
5	* 7391.781	49.19	PK2	35.7	-37.7	0	47.19	-	-	74	-26.81	110	148	V
	* 7363.995	37.13	MAv1	35.7	-37.7	.36	35.49	54	-18.51	-	-	110	148	V
6	9827.746	49.01	PK2	37	-36.1	0	49.91	-	-	-	-	133	118	V
	9827.972	39.26	MAv1	37	-36.1	.36	40.52	-	-	-	-	133	118	V

* - indicates frequency in CFR47 Pt 15
 PK2 - KDB558074 Method: Maximum Peak
 MAv1 - KDB558074 Option 1 Maximum RMS Average

HIGH CHANNEL, CH 11 RESULTS



HORIZONTAL



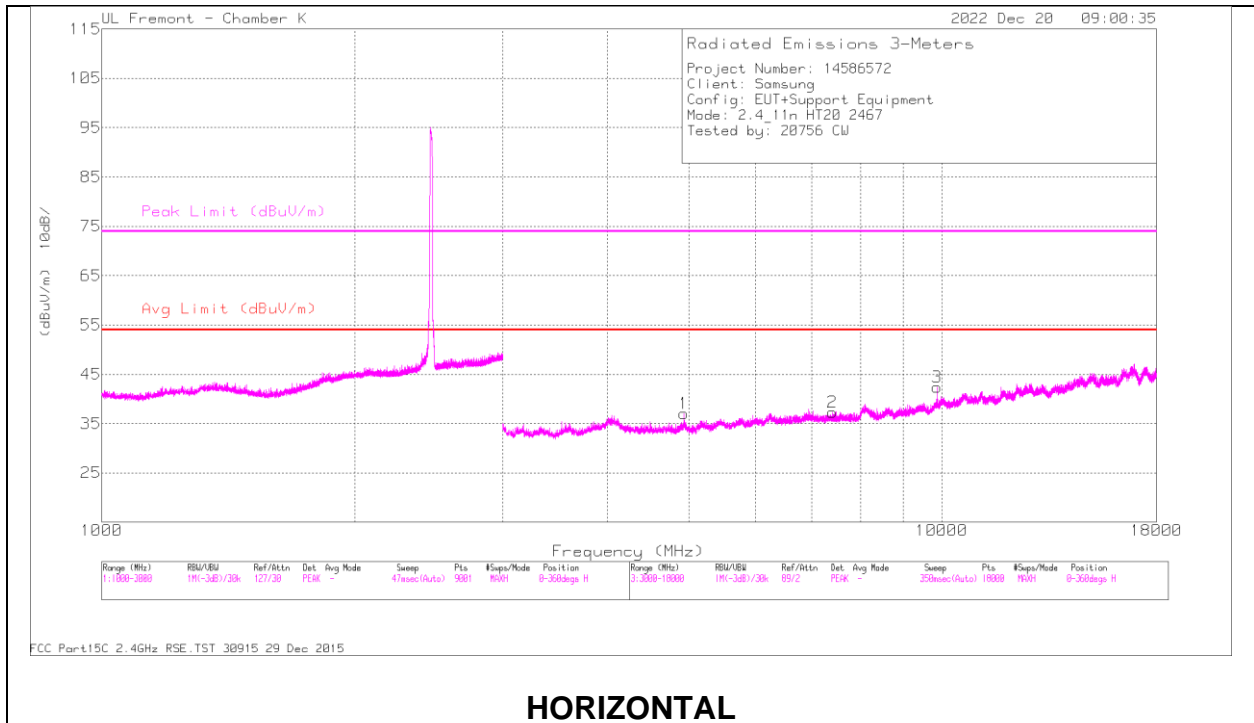
VERTICAL

Radiated Emissions

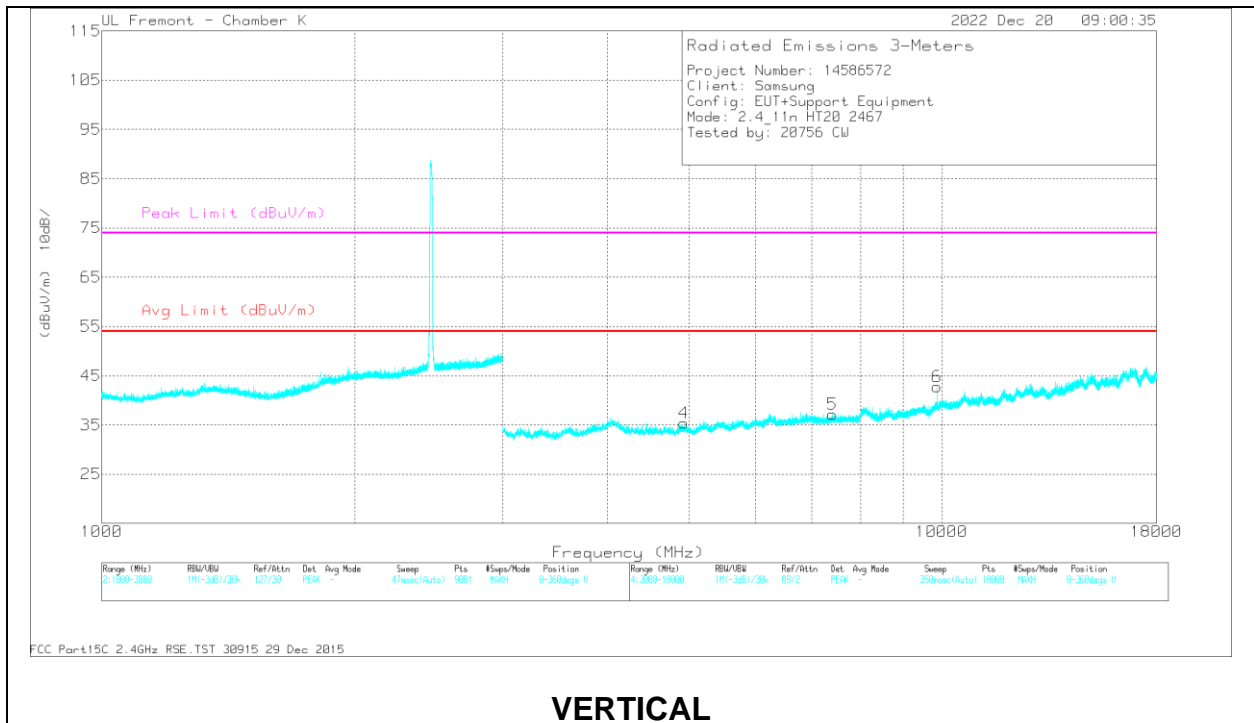
Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	223083 ACF (dB) 3mH	Amp/Cbl/Fitr (dB)	DCCF (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 4927.261	55.21	PK2	33.7	-40.4	0	48.51	-	-	74	-25.49	83	295	H
	* 4924.881	42.13	MAv1	33.7	-40.6	.36	35.59	54	-18.41	-	-	83	295	H
2	* 7397.057	49.06	PK2	35.7	-37.7	0	47.06	-	-	74	-26.94	348	141	H
	* 7396.174	37.32	MAv1	35.7	-37.7	.36	35.68	54	-18.32	-	-	348	141	H
3	9847.879	49.73	PK2	37.1	-36.1	0	50.73	-	-	-	-	53	291	H
	9848.094	40.11	MAv1	37.1	-36.1	.36	41.47	-	-	-	-	53	291	H
4	* 4924.22	54.09	PK2	33.7	-40.6	0	47.19	-	-	74	-26.81	197	278	V
	* 4925.26	42.98	MAv1	33.7	-40.5	.36	36.54	54	-17.46	-	-	197	278	V
5	* 7388.261	48.49	PK2	35.7	-37.7	0	46.49	-	-	74	-27.51	94	125	V
	* 7387.305	37.16	MAv1	35.7	-37.7	.36	35.52	54	-18.48	-	-	94	125	V
6	9848.268	49.45	PK2	37.1	-36.2	0	50.35	-	-	-	-	19	299	V
	9848.11	38.35	MAv1	37.1	-36.2	.36	39.61	-	-	-	-	19	299	V

* - indicates frequency in CFR47 Pt 15
 PK2 - KDB558074 Method: Maximum Peak
 MAv1 - KDB558074 Option 1 Maximum RMS Average

HIGH CHANNEL, CH 12 RESULTS



HORIZONTAL



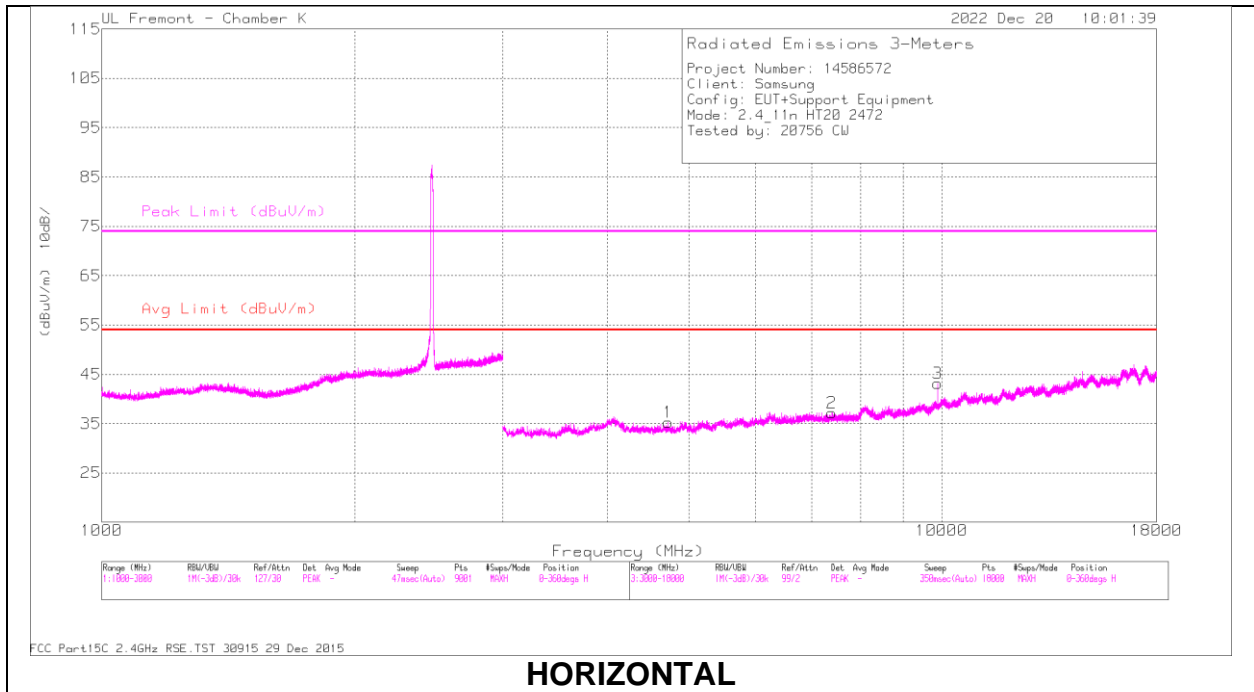
VERTICAL

Radiated Emissions

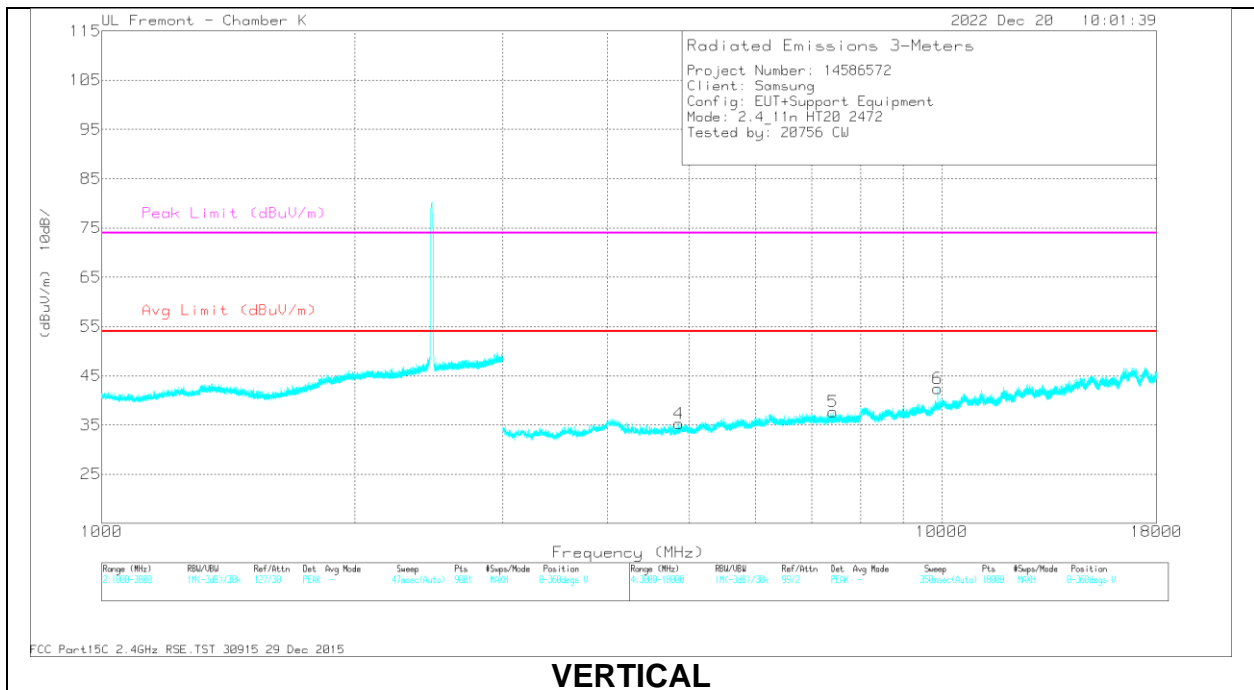
Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	223083 ACF (dB) 3mH	Amp/Cbl/Fitr (dB)	DCCF (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 4931.818	51.96	PK2	33.7	-40.5	0	45.16	-	-	74	-28.84	223	375	H
	* 4933.438	40.21	MAv1	33.7	-40.4	.36	33.87	54	-20.13	-	-	223	375	H
2	* 7405.757	48.72	PK2	35.7	-37.7	0	46.72	-	-	74	-27.28	285	245	H
	* 7404.812	37.35	MAv1	35.7	-37.7	.36	35.71	54	-18.29	-	-	285	245	H
3	9868.083	50.06	PK2	37.1	-36	0	51.16	-	-	-	-	45	140	H
	9867.988	41.06	MAv1	37.1	-36	.36	42.52	-	-	-	-	45	140	H
4	* 4928.451	51.63	PK2	33.7	-40.5	0	44.83	-	-	74	-29.17	95	286	V
	* 4927.25	40.24	MAv1	33.7	-40.4	.36	33.9	54	-20.1	-	-	95	286	V
5	* 7409.369	48.79	PK2	35.7	-37.7	0	46.79	-	-	74	-27.21	260	166	V
	* 7412.175	37.19	MAv1	35.7	-37.7	.36	35.55	54	-18.45	-	-	260	166	V
6	9867.874	49.22	PK2	37.1	-36	0	50.32	-	-	-	-	66	263	V
	9867.983	39.09	MAv1	37.1	-36	.36	40.55	-	-	-	-	66	263	V

* - indicates frequency in CFR47 Pt 15
 PK2 - KDB558074 Method: Maximum Peak
 MAv1 - KDB558074 Option 1 Maximum RMS Average

HIGH CHANNEL, CH 13 RESULTS



HORIZONTAL



VERTICAL

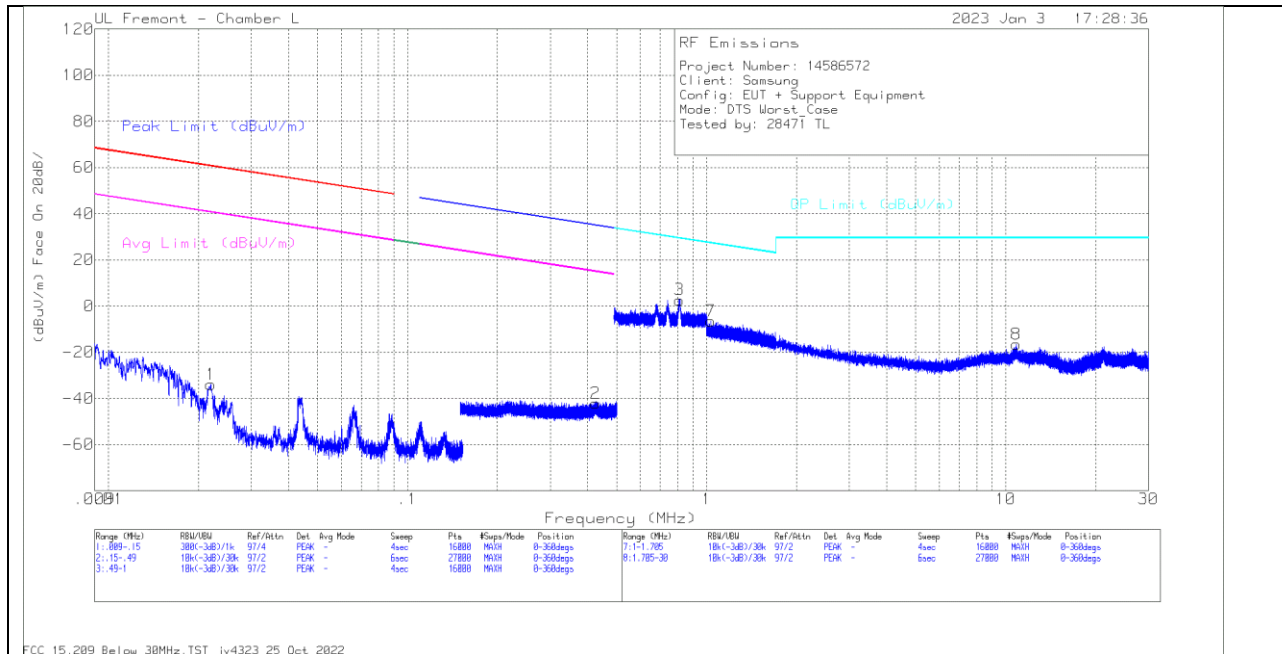
Radiated Emissions

Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	223083 ACF (dB) 3mH	Amp/Cbl/Fitr (dB)	DCCF (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 4721.379	52.18	PK2	33.7	-41	0	44.88	-	-	74	-29.12	10	336	H
	* 4722.163	40.18	MAv1	33.7	-41	.36	33.24	54	-20.76	-	-	10	336	H
2	* 7395.126	48.46	PK2	35.7	-37.7	0	46.46	-	-	74	-27.54	276	194	H
	* 7395.054	37.54	MAv1	35.7	-37.7	.36	35.9	54	-18.1	-	-	276	194	H
3	9887.933	49.62	PK2	37.1	-35.9	0	50.82	-	-	-	-	113	148	H
	9888.028	40.1	MAv1	37.1	-35.9	.36	41.66	-	-	-	-	113	148	H
4	* 4865.34	51.07	PK2	33.7	-40.3	0	44.47	-	-	74	-29.53	348	212	V
	* 4867.318	39.49	MAv1	33.7	-40.3	.36	33.25	54	-20.75	-	-	348	212	V
5	* 7416.124	48.75	PK2	35.7	-37.7	0	46.75	-	-	74	-27.25	55	260	V
	* 7415.008	37.37	MAv1	35.7	-37.6	.36	35.83	54	-18.17	-	-	55	260	V
6	9887.878	48.6	PK2	37.1	-35.9	0	49.8	-	-	-	-	140	175	V
	9888.074	38.3	MAv1	37.1	-35.9	.36	39.86	-	-	-	-	140	175	V

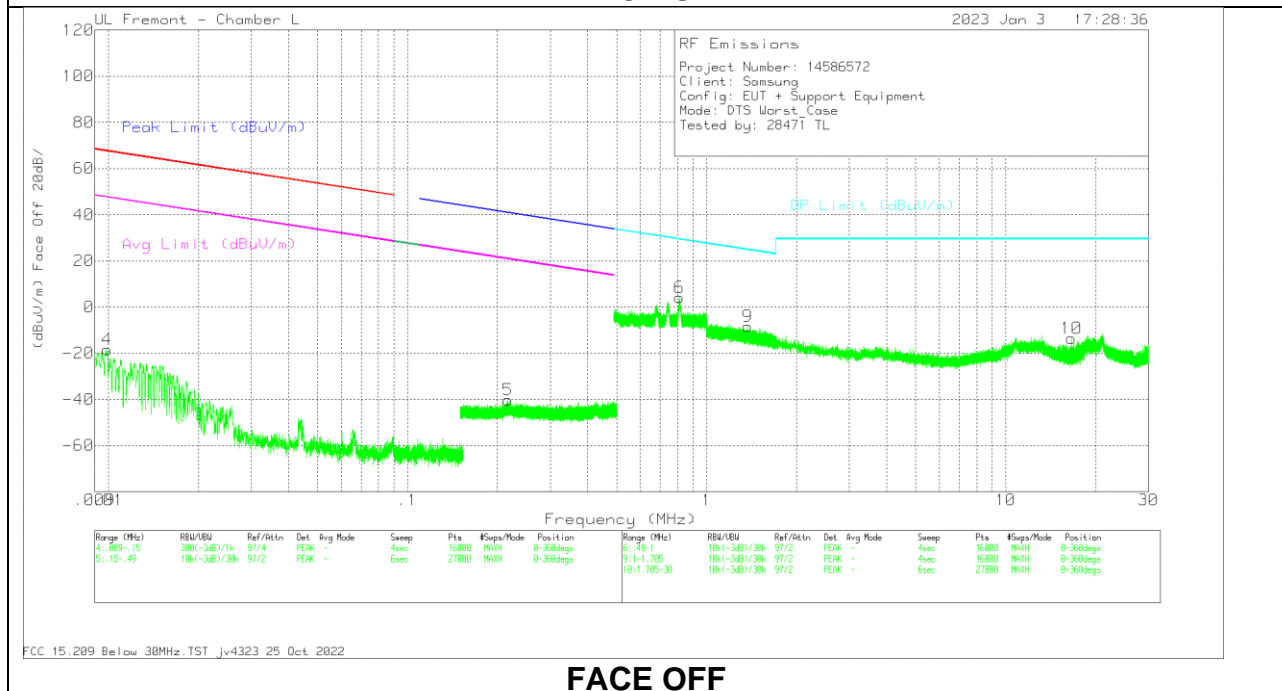
* - indicates frequency in CFR47 Pt 15
 PK2 - KDB558074 Method: Maximum Peak
 MAv1 - KDB558074 Option 1 Maximum RMS Average

10.2. WORST CASE BELOW 30MHz

SPURIOUS EMISSIONS BELOW 30 MHz (WORST-CASE CONFIGURATION)



FACE ON



FACE OFF

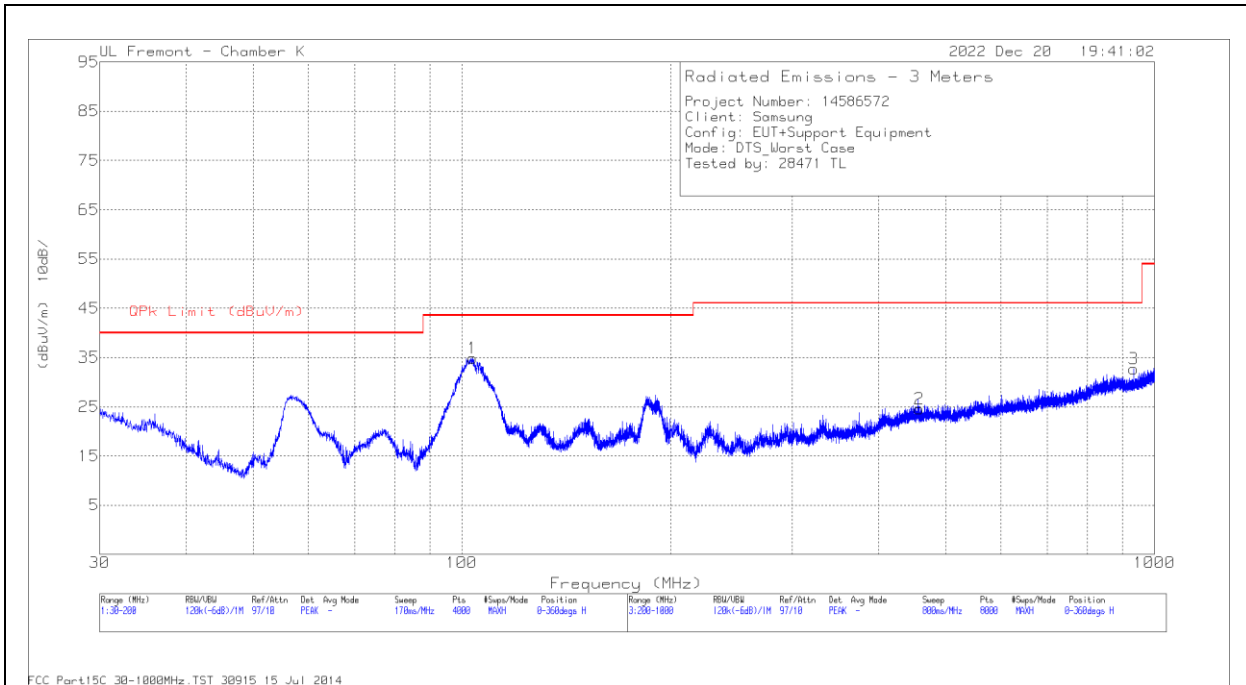
Below 30MHz Data

Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	Loop Antenna E(ACF)	Amp/Coil (dB)	Dist Corr 300m	Corrected Reading (dBuV dits)	Peak Limit (dBuV /m)	Margi n (dB)	Avg Limit (dBuV /m)	Margi n (dB)	QP Limit (dBuV /m)	Margi n (dB)	QP Limit (dBuV /m)	Margi n (dB)	Peak Limit (dBuV /m)	Margi n (dB)	Avg Limit (dBuV /m)	Margi n (dB)	Azimu th (Degs)
1	.022	18.4	Pk	58.8	-31.2	-80	-34	60.74	-94.74	40.74	-74.74	-	-	-	-	-	-	-	-	0-360
2	4247	13.87	Pk	56.1	-32	-80	-42.03	-	-	-	-	-	-	-	-	35.04	-77.07	15.04	-57.07	0-360
3	.8117	18.35	Pk	56.2	-31.9	-40	2.65	-	-	-	-	-	-	29.43	-26.78	-	-	-	-	0-360
4	.0099	30.26	Pk	60.4	-29	-80	-18.34	67.66	-86	47.66	-66	-	-	-	-	-	-	-	-	0-360
5	.2164	15.46	Pk	56.2	-32	-80	-40.34	-	-	-	-	-	-	-	-	40.91	-81.25	20.91	-61.25	0-360
6	.8123	19.78	Pk	56.2	-31.9	-40	4.06	-	-	-	-	-	-	29.42	-25.34	-	-	-	-	0-360
7	1.0327	18.61	Pk	46.7	-31.9	-40	-6.59	-	-	-	-	-	-	27.34	-33.93	-	-	-	-	0-360
8	10.8352	20.41	Pk	34.6	-31.6	-40	-16.59	-	-	-	-	-	-	29.5	-46.09	-	-	-	-	0-360
9	1.3715	18.45	Pk	45	-31.9	-40	-8.45	-	-	-	-	-	-	24.88	-33.33	-	-	-	-	0-360
10	16.5782	24.06	Pk	33.9	-31.5	-40	-13.54	-	-	-	-	-	-	29.5	-43.04	-	-	-	-	0-360

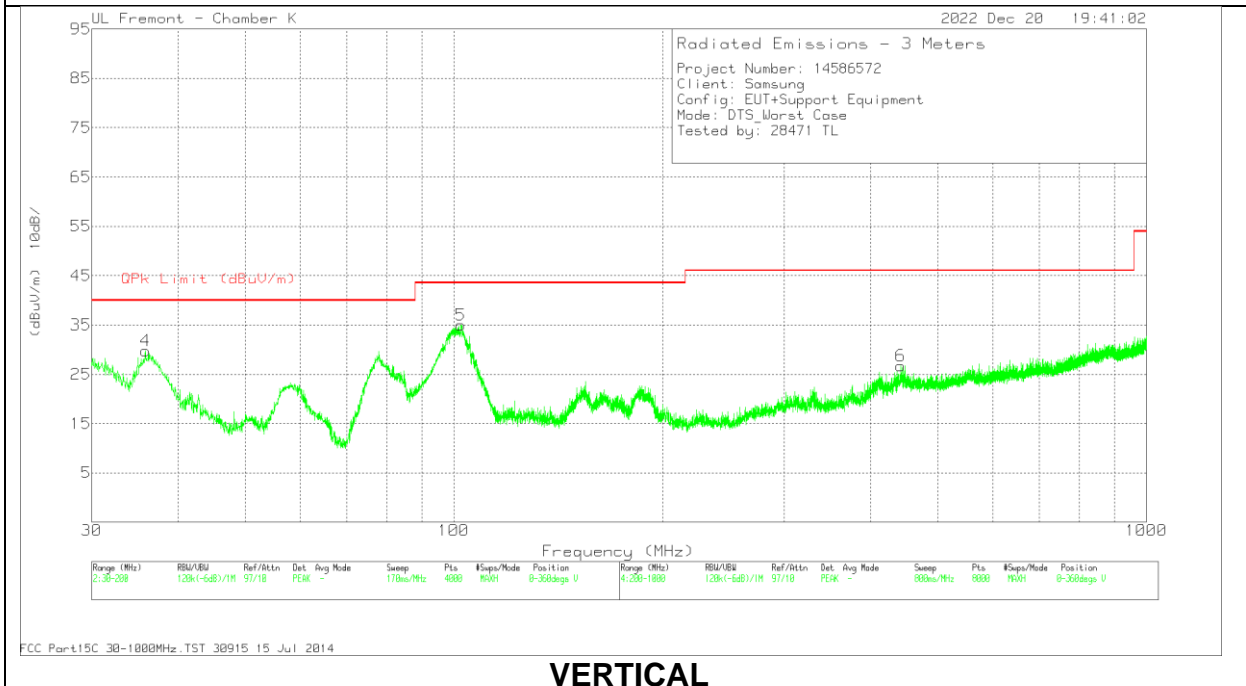
Pk - Peak detector

10.3. WORST CASE BELOW 1 GHz

SPURIOUS EMISSIONS 30 TO 1000 MHz (WORST-CASE CONFIGURATION)



HORIZONTAL



VERTICAL

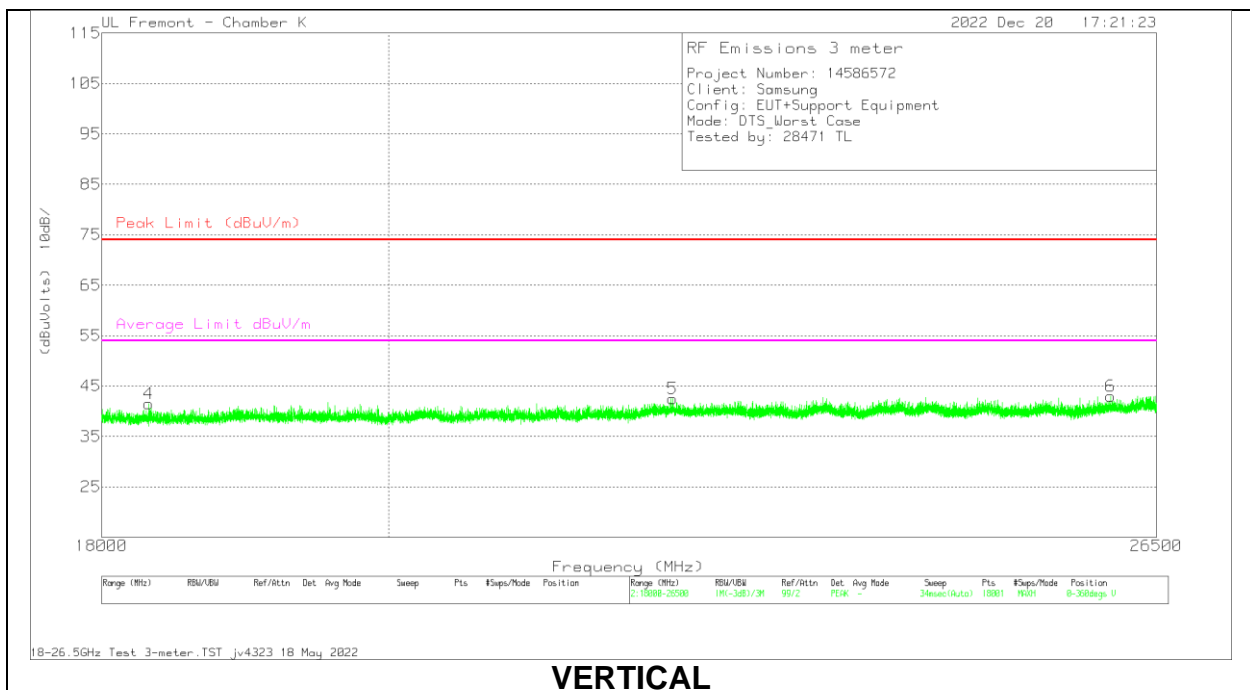
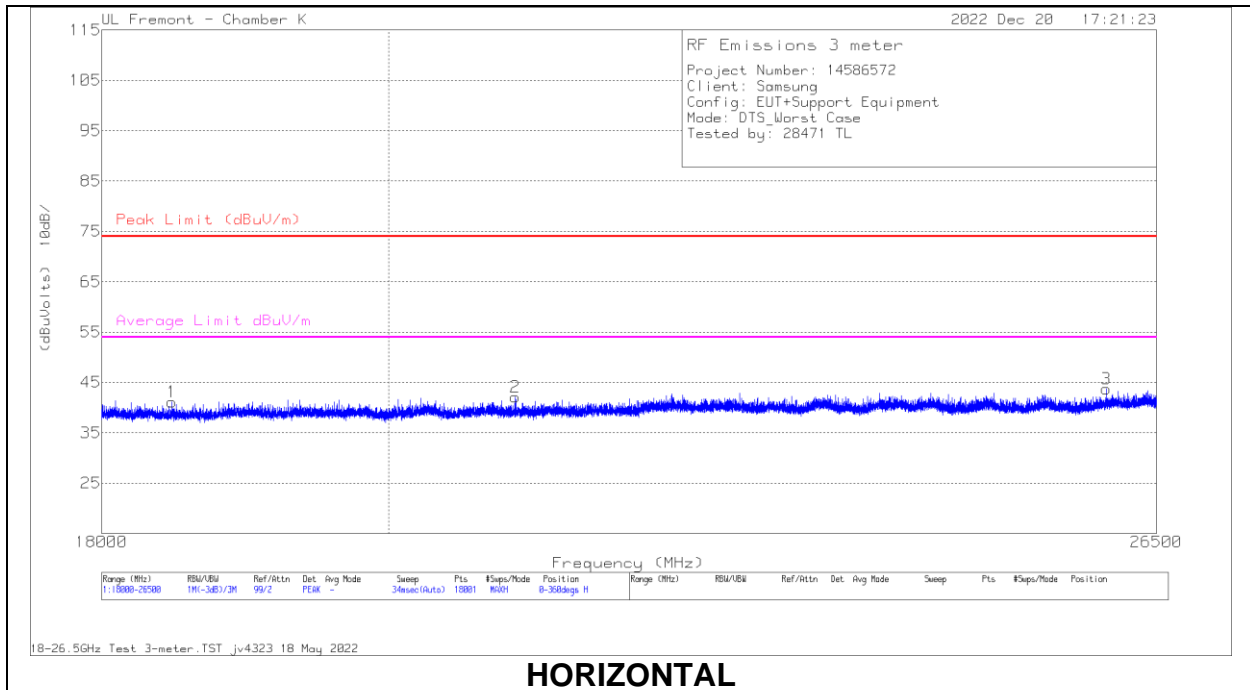
Below 1GHz Data

Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	Hybrid Antenna ACF(dB)	Amp/Cbl (dB)	Corrected Reading (dBuV/m)	QPk Limit (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	103.544	48.48	Pk	17.3	-30.9	34.88	43.52	-8.64	0-360	299	H
4	35.8665	38.48	Pk	22.8	-31.5	29.78	40	-10.22	0-360	100	V
5	102.439	48.94	Pk	17	-30.9	35.04	43.52	-8.48	0-360	100	V
2	458.034	30.45	Pk	23.2	-29.1	24.55	46.02	-21.47	0-360	199	H
3	933.895	30.55	Pk	28.8	-26.7	32.65	46.02	-13.37	0-360	199	H
6	442.031	33.17	Pk	22.8	-29.2	26.77	46.02	-19.25	0-360	101	V

Pk - Peak detector

10.4. WORST CASE 18-26 GHz

SPURIOUS EMISSIONS 18-26 GHz (WORST-CASE CONFIGURATION)



18 – 26GHz Data

Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	172364 AF (dB)	215705 amp/cbl (dB)	Cables (dB)	Corrected Reading (dBuV/s)	Peak Limit (dBuV/m)	PK Margin (dB)	Average Limit dBuV/m	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 18469.389	51.41	Pk	32.6	-60.7	17.8	41.11	74	-32.89	54	-12.89	0-360	101	H
2	* 20949.026	49.37	Pk	33.2	-59.5	19	42.07	74	-31.93	54	-11.93	0-360	200	H
3	26016.441	48.78	Pk	34.6	-60.8	21.1	43.68	74	-30.32	54	-10.32	0-360	101	H
4	* 18314.972	52.01	Pk	32.5	-60.8	17.8	41.51	74	-32.49	54	-12.49	0-360	101	V
5	* 22190.97	50.3	Pk	33.6	-60.8	19.4	42.5	74	-31.5	54	-11.5	0-360	101	V
6	26057.052	47.76	Pk	34.7	-60.7	21.2	42.86	74	-31.04	54	-11.04	0-360	200	V

* - indicates frequency in CFR47 Pt 15
 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.

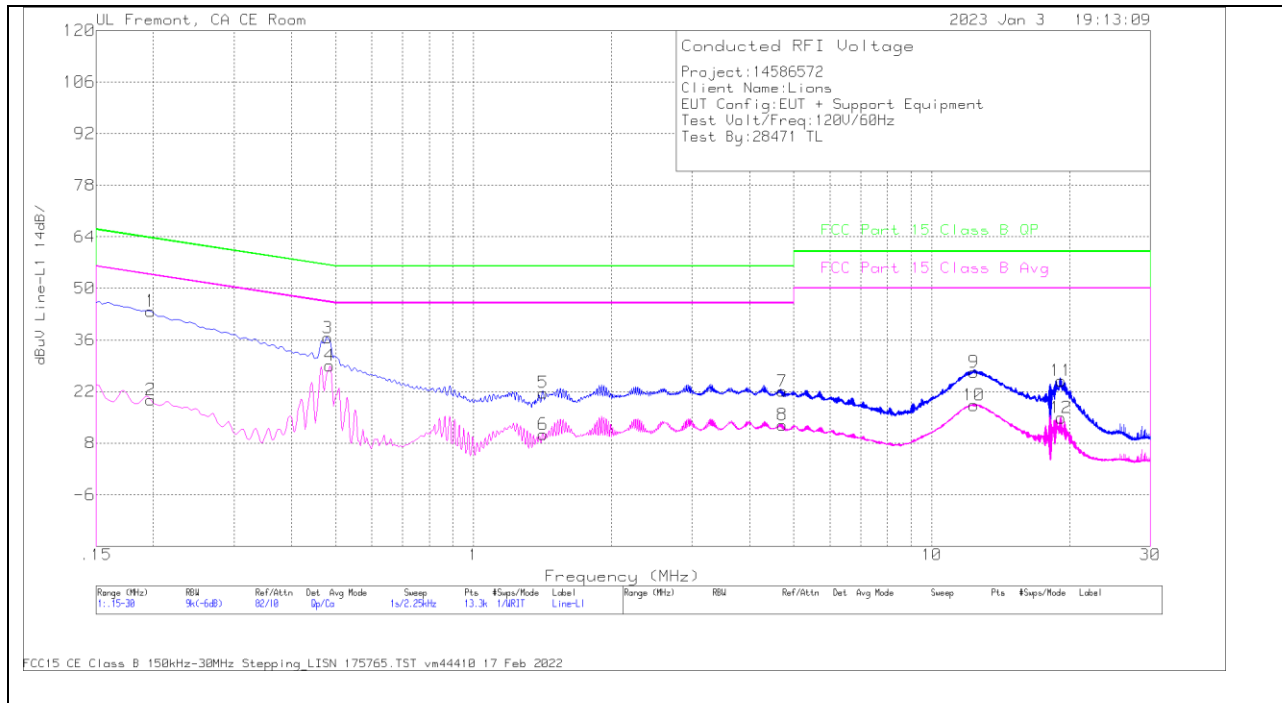
The receiver is set to a resolution bandwidth of 9 kHz. Peak detection is used unless otherwise noted as quasi-peak or average.

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

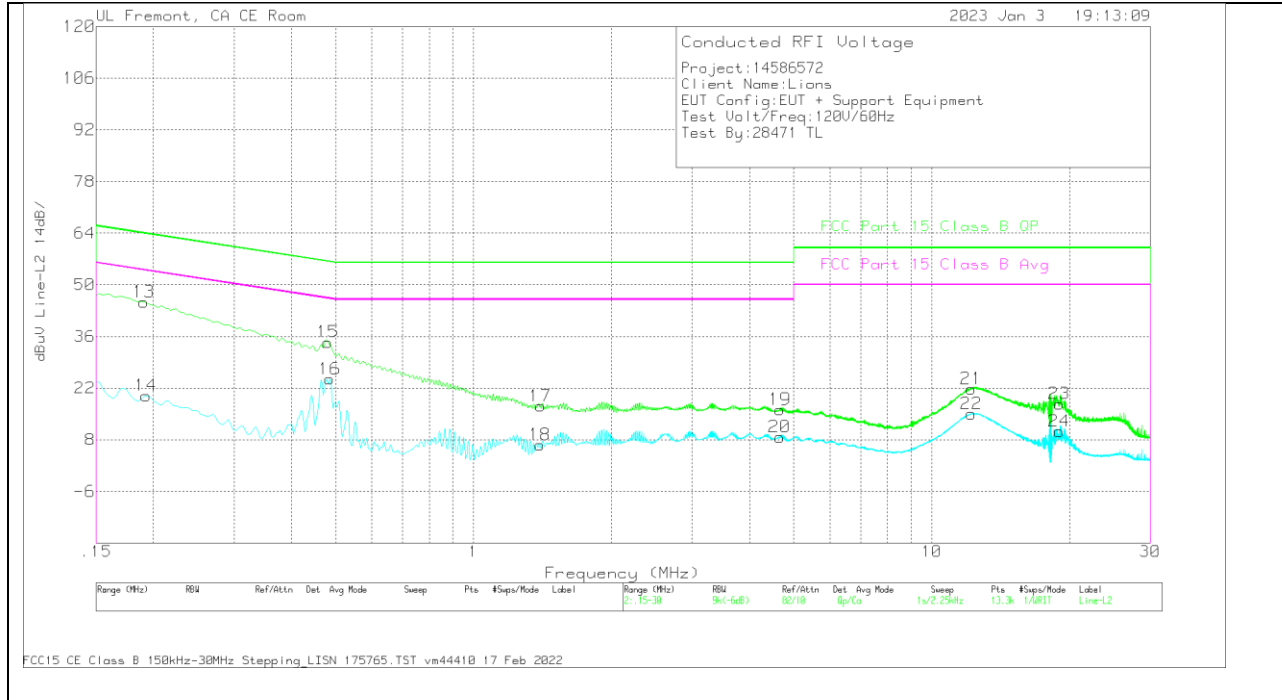
RESULTS

AC Power Line Norm

LINE 1 RESULTS



LINE 2 RESULTS



Range 1: Line-L1 .15 - 30MHz

Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	175765 LISN L1	C1&C3 cable path loss	207996 Limiter with short cabl	Corrected Reading dBuV	FCC Part 15 Class B QP	QP Margin (dB)	FCC Part 15 Class B Avg	Av(CISPR)M argin (dB)
2	.1973	10.22	Ca	.1	0	9.4	19.72	-	-	53.73	-34.01
4	.4853	19.61	Ca	0	.1	9.3	29.01	-	-	46.25	-17.24
6	1.419	.95	Ca	0	.1	9.3	10.35	-	-	46	-35.65
8	4.7153	3.54	Ca	0	.1	9.3	12.94	-	-	46	-33.06
10	12.3495	8.68	Ca	.1	.2	9.3	18.28	-	-	50	-31.72
12	19.1513	5.16	Ca	.1	.3	9.3	14.86	-	-	50	-35.14
1	.1973	34.28	Qp	.1	0	9.4	43.78	63.73	-19.95	-	-
3	.4808	27.17	Qp	0	.1	9.3	36.57	56.33	-19.76	-	-
5	1.419	12.27	Qp	0	.1	9.3	21.67	56	-34.33	-	-
7	4.7141	12.7	Qp	0	.1	9.3	22.1	56	-33.9	-	-
9	12.3518	17.67	Qp	.1	.2	9.3	27.27	60	-32.73	-	-
11	19.1513	15.25	Qp	.1	.3	9.3	24.95	60	-35.05	-	-

Range 2: Line-L2 .15 - 30MHz

Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	175765 LISN L2	C2&C3 cable path loss	207996 Limiter with short cabl	Corrected Reading dBuV	FCC Part 15 Class B QP	QP Margin (dB)	FCC Part 15 Class B Avg	Av(CISPR)M argin (dB)
14	.1928	10.57	Ca	0	0	9.4	19.97	-	-	53.92	-33.95
16	.4853	15.07	Ca	0	.1	9.3	24.47	-	-	46.25	-21.78
18	1.3965	-2.8	Ca	0	.1	9.3	6.6	-	-	46	-39.4
20	4.6545	-68	Ca	0	.1	9.3	8.72	-	-	46	-37.28
22	12.201	5.44	Ca	.1	.2	9.3	15.04	-	-	50	-34.96
24	18.9803	.57	Ca	.1	.3	9.3	10.27	-	-	50	-39.73
13	.1905	35.85	Qp	.1	0	9.4	45.35	64.01	-18.66	-	-
15	.4808	25.06	Qp	0	.1	9.3	34.46	56.33	-21.87	-	-
17	1.3988	7.71	Qp	0	.1	9.3	17.11	56	-38.89	-	-
19	4.6635	6.75	Qp	0	.1	9.3	16.15	56	-39.85	-	-
21	12.2033	12.22	Qp	.1	.2	9.3	21.82	60	-38.18	-	-
23	18.9803	8.04	Qp	.1	.3	9.3	17.74	60	-42.26	-	-

Qp - Quasi-Peak detector
 Ca - CISPR average detection