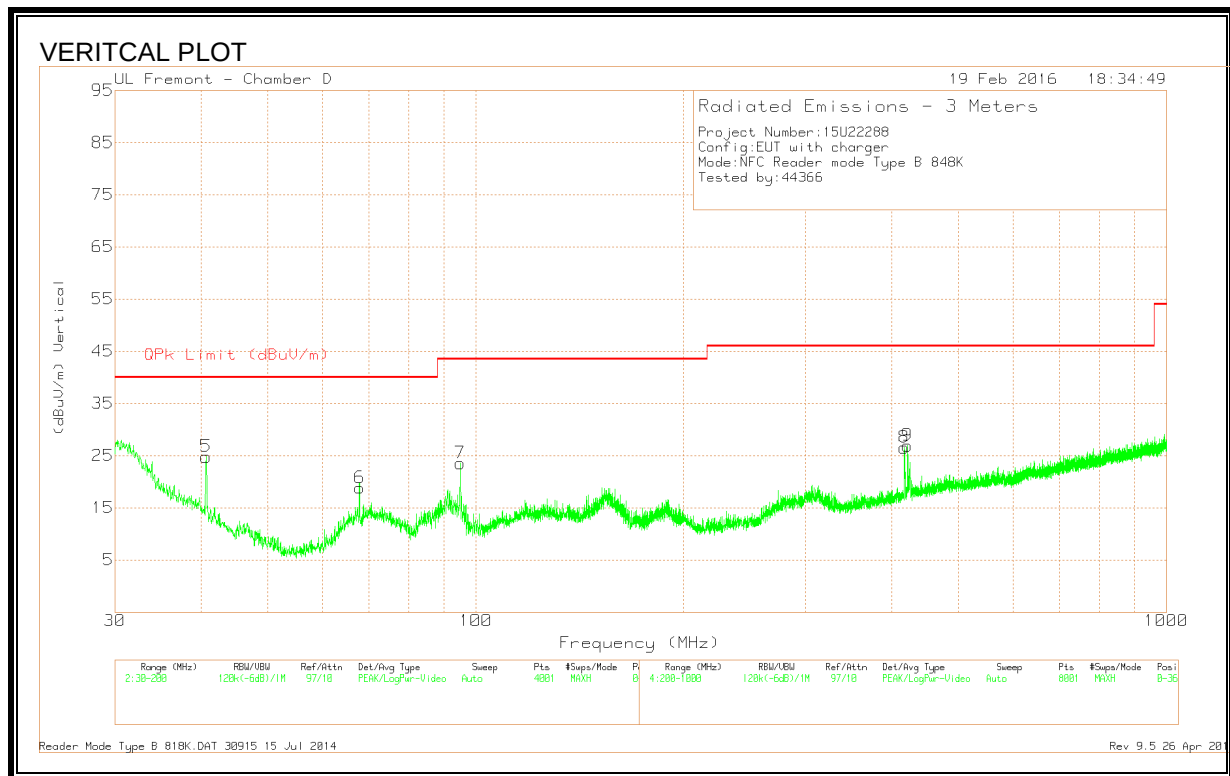
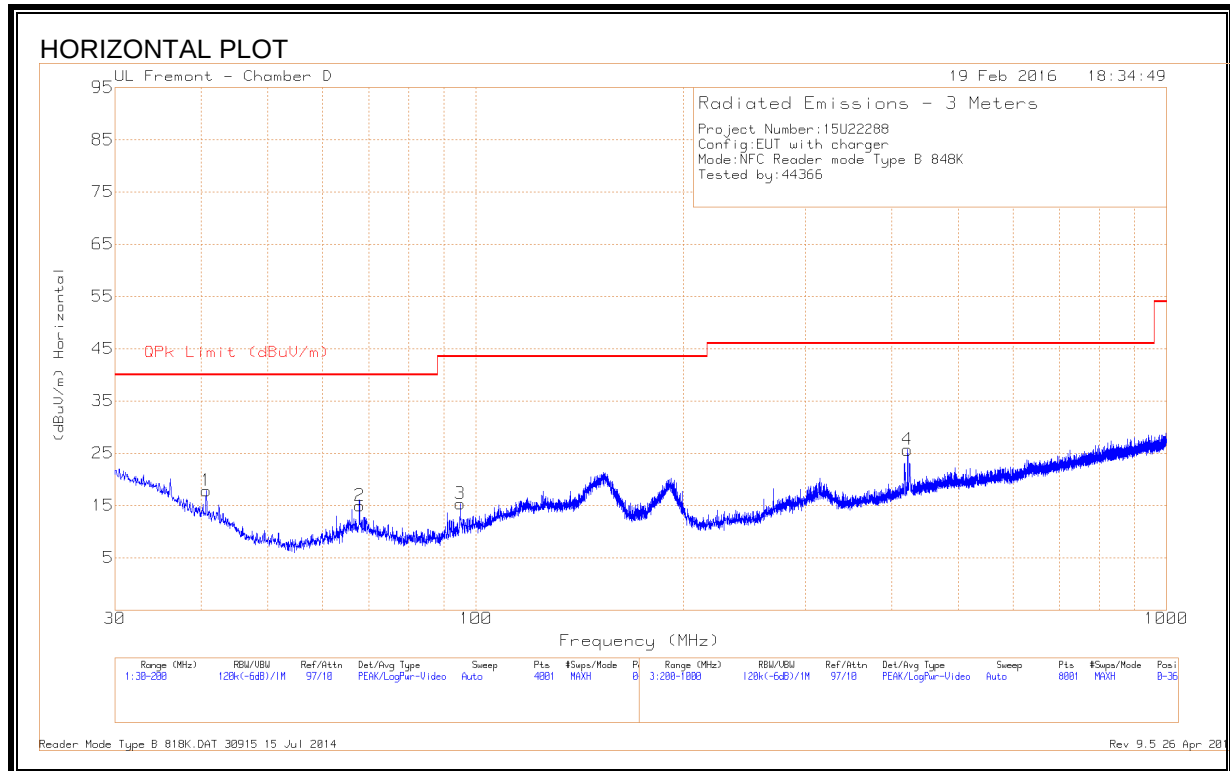


TYPE B 848Kbps

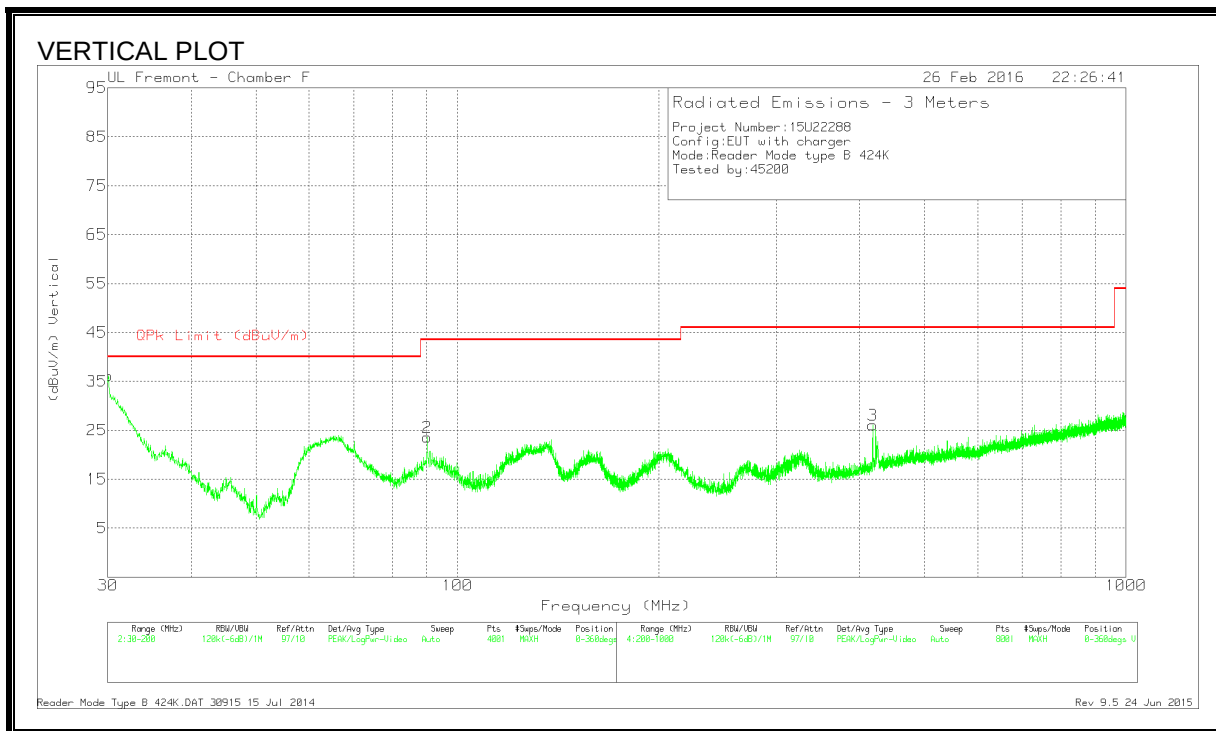
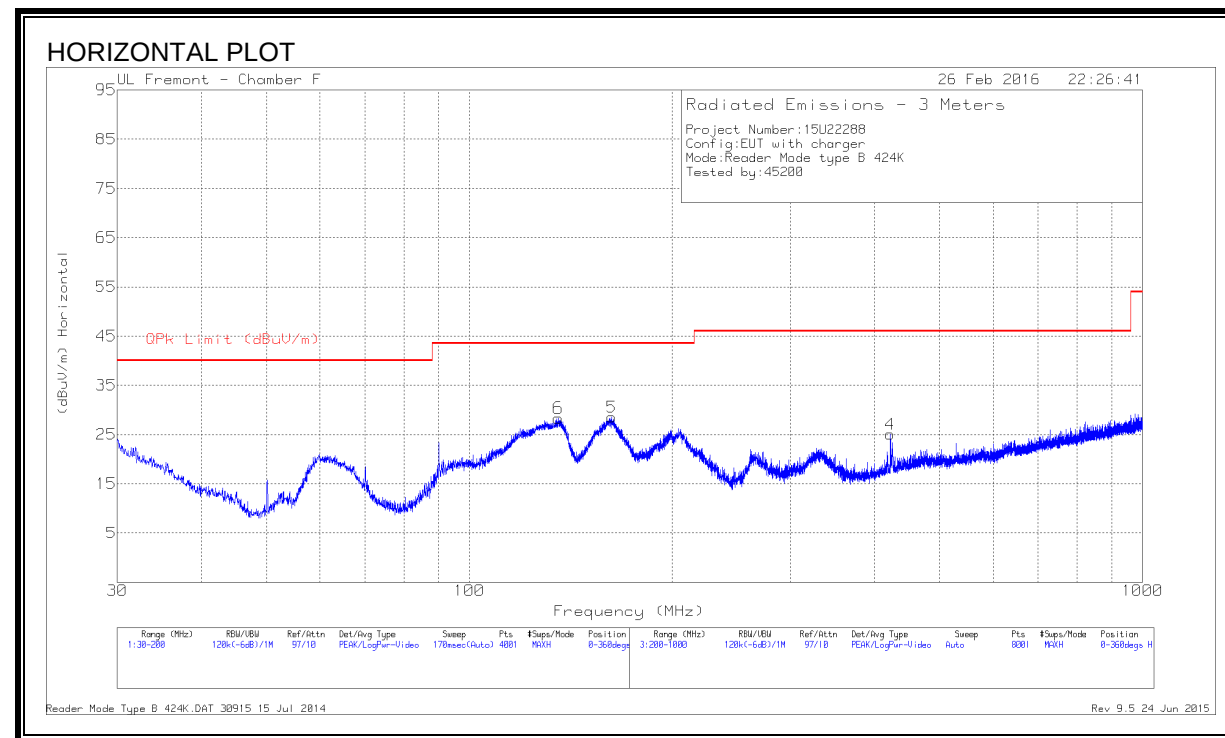


RESULTS

Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	AF T408 (dB/m)	Amp/Cbl (dB)	Corrected Reading (dBuV/m)	QPk Limit (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	40.6675	32.81	Pk	17.4	-31.8	18.41	40	-21.59	0-360	401	H
5	40.6675	39.45	Pk	17.4	-31.8	25.05	40	-14.95	0-360	100	V
2	67.825	35.68	Pk	12	-31.5	16.18	40	-23.82	0-360	401	H
6	67.825	39.49	Pk	12	-31.5	19.99	40	-20.01	0-360	100	V
3	94.94	35.93	Pk	12.7	-31.4	17.23	43.52	-26.29	0-360	201	H
7	94.94	43.66	Pk	12.7	-31.4	24.96	43.52	-18.56	0-360	100	V
4	421.9	36.39	Pk	20.2	-29.9	26.69	46.02	-19.33	0-360	201	H
8	422	36.35	Pk	20.2	-29.9	26.65	46.02	-19.37	0-360	201	V

Pk - Peak detector

424Kbps



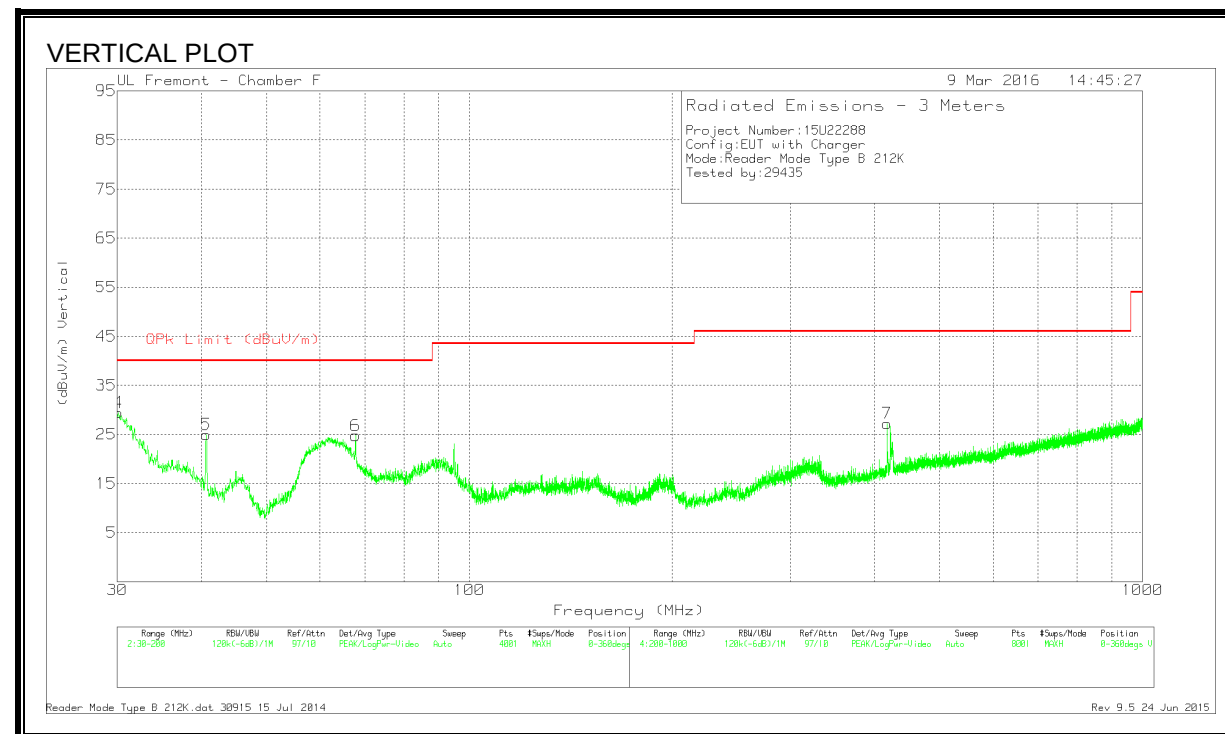
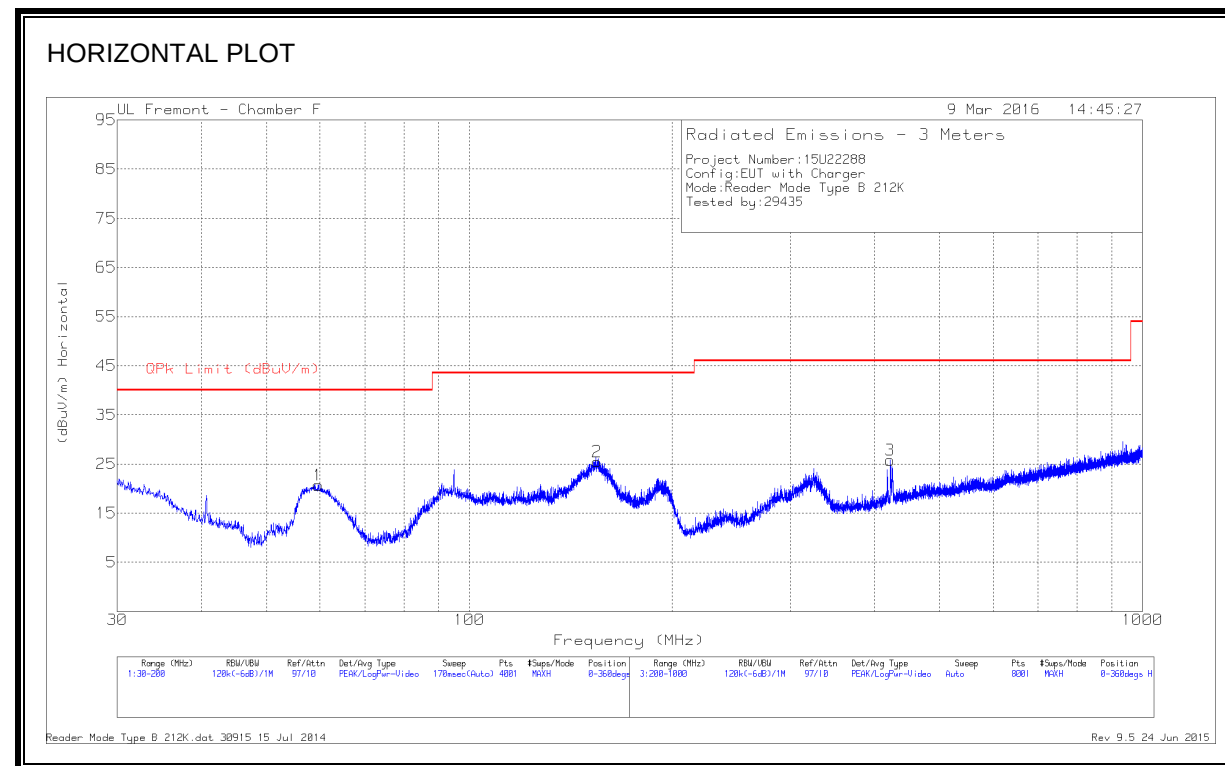
DATA

Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	AF T408 (dB/m)	Amp/Cbl (dB)	Corrected Reading (dBuV/m)	QPk Limit (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
5	* 162.7275	43.53	Pk	16	-31	28.53	43.52	-14.99	0-360	201	H
6	* 135.6125	42.15	Pk	17.3	-31.1	28.35	43.52	-15.17	0-360	201	H
1	30.0425	42.61	Pk	25.5	-31.9	36.21	40	-3.79	0-360	100	V
2	90.1375	43.37	Pk	11.6	-31.4	23.57	43.52	-19.95	0-360	100	V
4	422	34.75	Pk	20.2	-29.9	25.05	46.02	-20.97	0-360	201	H
3	418.1	35.86	Pk	20.1	-29.9	26.06	46.02	-19.96	0-360	99	V

* - indicates frequency in CFR15.205/IC7.2.2 Restricted Band

Pk - Peak detector

212Kbps



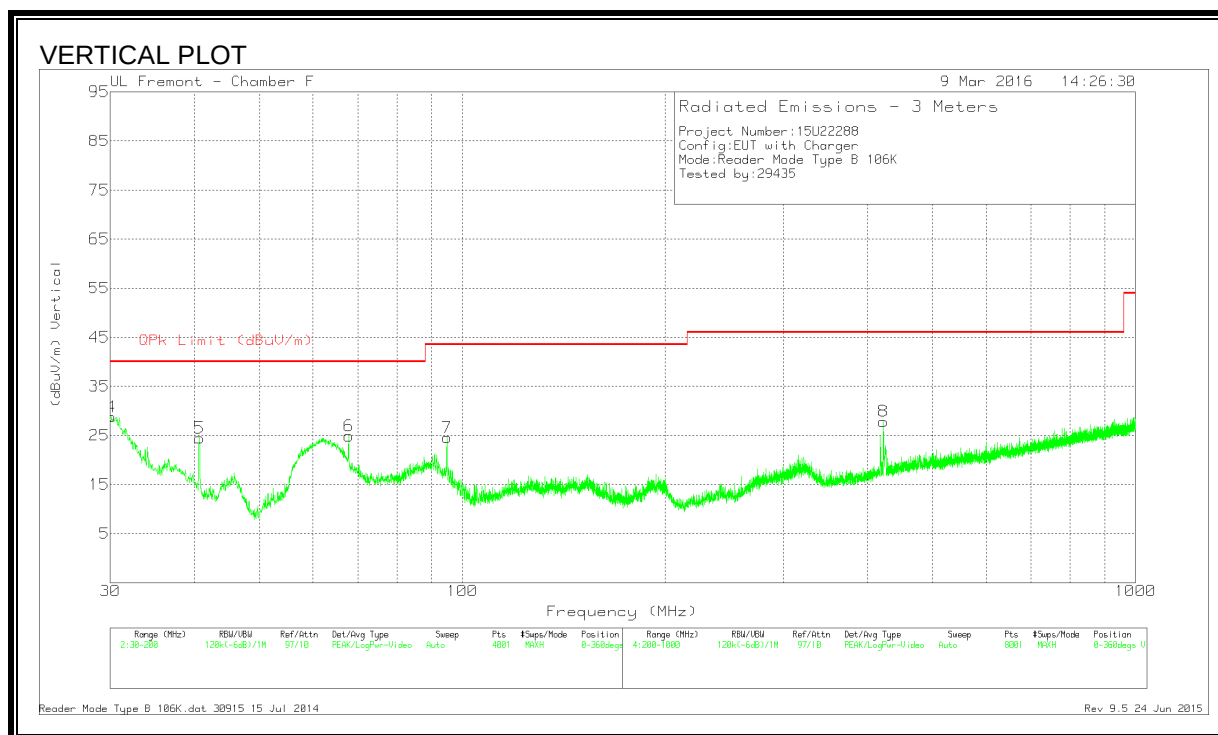
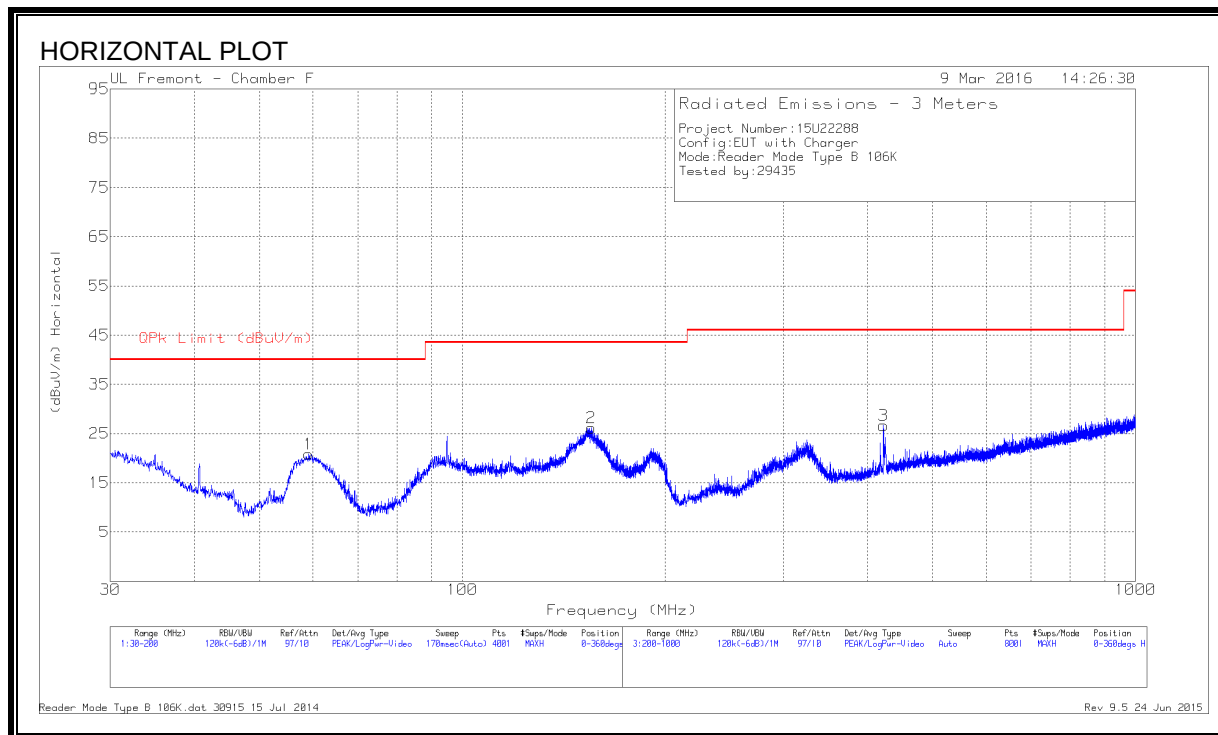
DATA

Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	AF T408 (dB/m)	Amp/Cbl (dB)	Corrected Reading (dBuV/m)	QPk Limit (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	59.665	40.87	Pk	11.4	-31.6	20.67	40	-19.33	0-360	301	H
2	154.9075	40.16	Pk	16.3	-31	25.46	43.52	-18.06	0-360	201	H
4	30.085	35.94	Pk	25.4	-31.9	29.44	40	-10.56	0-360	100	V
5	40.6675	39.39	Pk	17.4	-31.8	24.99	40	-15.01	0-360	100	V
6	67.7825	44.29	Pk	12	-31.5	24.79	40	-15.21	0-360	100	V
3	422.2	35.48	Pk	20.2	-29.9	25.78	46.02	-20.24	0-360	301	H
7	417.6	37.05	Pk	20.1	-29.9	27.25	46.02	-18.77	0-360	99	V

* - indicates frequency in CFR15.205/IC7.2.2 Restricted Band

Pk - Peak detector

106Kbps



DATA

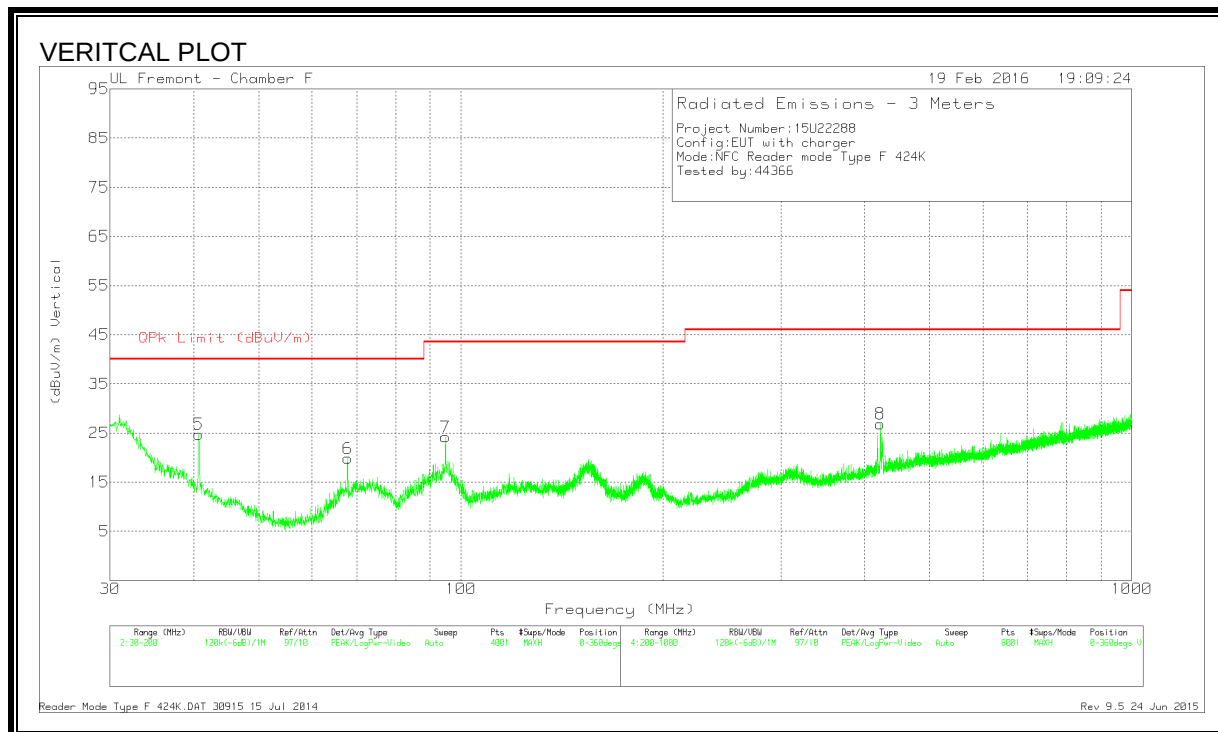
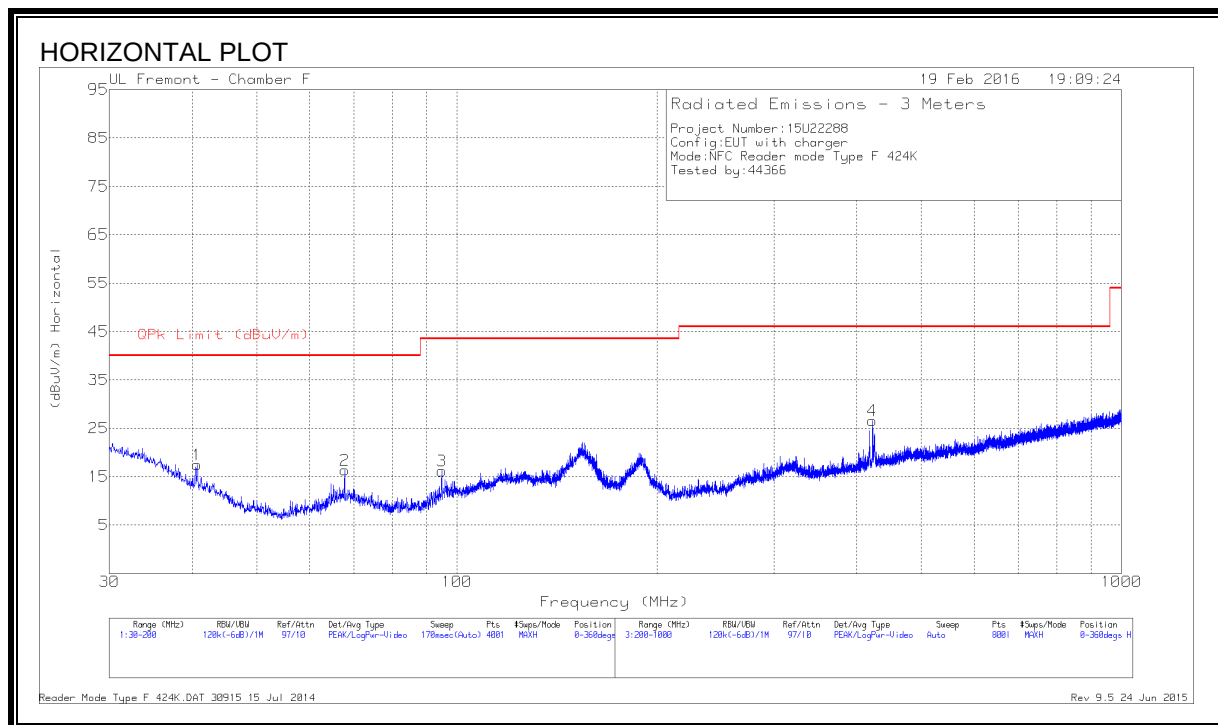
Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	AF T408 (dB/m)	Amp/Cbl (dB)	Corrected Reading (dBuV/m)	QPk Limit (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	59.155	41.12	Pk	11.3	-31.6	20.82	40	-19.18	0-360	401	H
2	155.5663	40.85	Pk	16.3	-31	26.15	43.52	-17.37	0-360	201	H
4	30.1275	35.29	Pk	25.4	-31.9	28.79	40	-11.21	0-360	100	V
5	40.71	38.88	Pk	17.4	-31.8	24.48	40	-15.52	0-360	100	V
6	67.825	44.41	Pk	12	-31.5	24.91	40	-15.09	0-360	100	V
7	94.94	43.26	Pk	12.7	-31.4	24.56	43.52	-18.96	0-360	100	V
3	422.3	36.34	Pk	20.2	-29.9	26.64	46.02	-19.38	0-360	302	H
8	422.3	37.57	Pk	20.2	-29.9	27.87	46.02	-18.15	0-360	100	V

* - indicates frequency in CFR15.205/IC7.2.2 Restricted Band

Pk - Peak detector

TYPE F

424Kbps



RESULTS

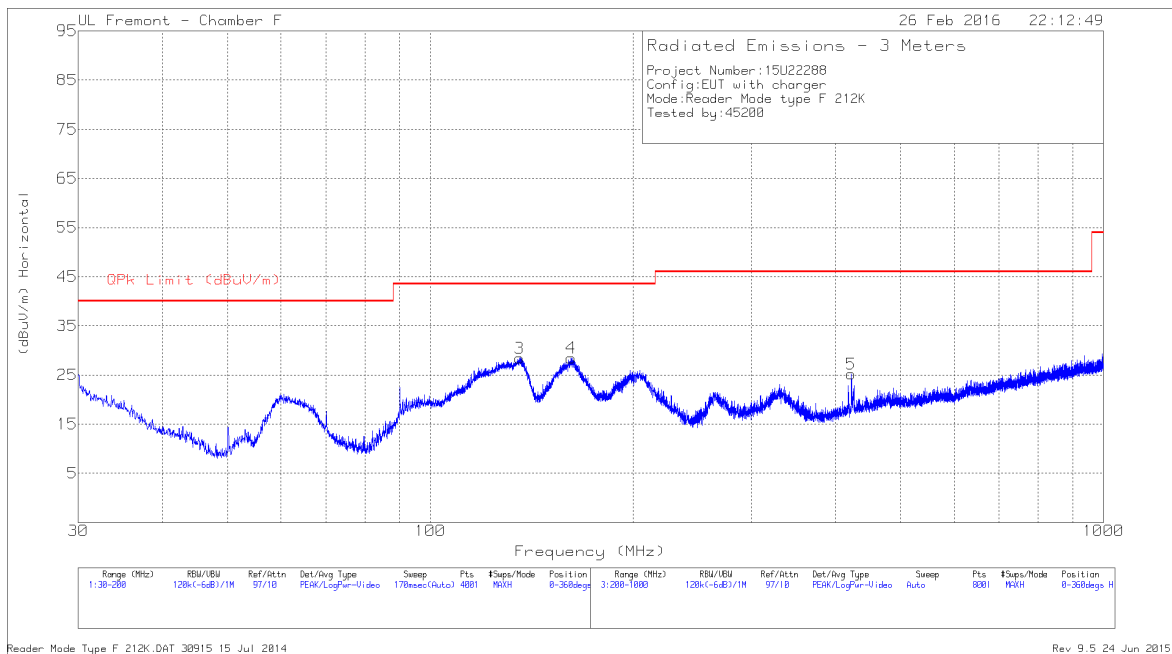
Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	AF T408 (dB/m)	Amp/Cbl (dB)	Corrected Reading (dBuV/m)	QPk Limit (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	40.6675	31.86	Pk	17.4	-31.8	17.46	40	-22.54	0-360	301	H
2	67.825	35.86	Pk	12	-31.5	16.36	40	-23.64	0-360	301	H
3	94.94	34.89	Pk	12.7	-31.4	16.19	43.52	-27.33	0-360	301	H
5	40.6675	39.15	Pk	17.4	-31.8	24.75	40	-15.25	0-360	100	V
6	67.8038	39.32	Pk	12	-31.5	19.82	40	-20.18	0-360	100	V
7	94.8975	42.88	Pk	12.7	-31.4	24.18	43.52	-19.34	0-360	100	V
4	422	36.29	Pk	20.2	-29.9	26.59	46.02	-19.43	0-360	201	H
8	422	36.56	Pk	20.2	-29.9	26.86	46.02	-19.16	0-360	201	V

* - indicates frequency in CFR15.205/IC7.2.2 Restricted Band

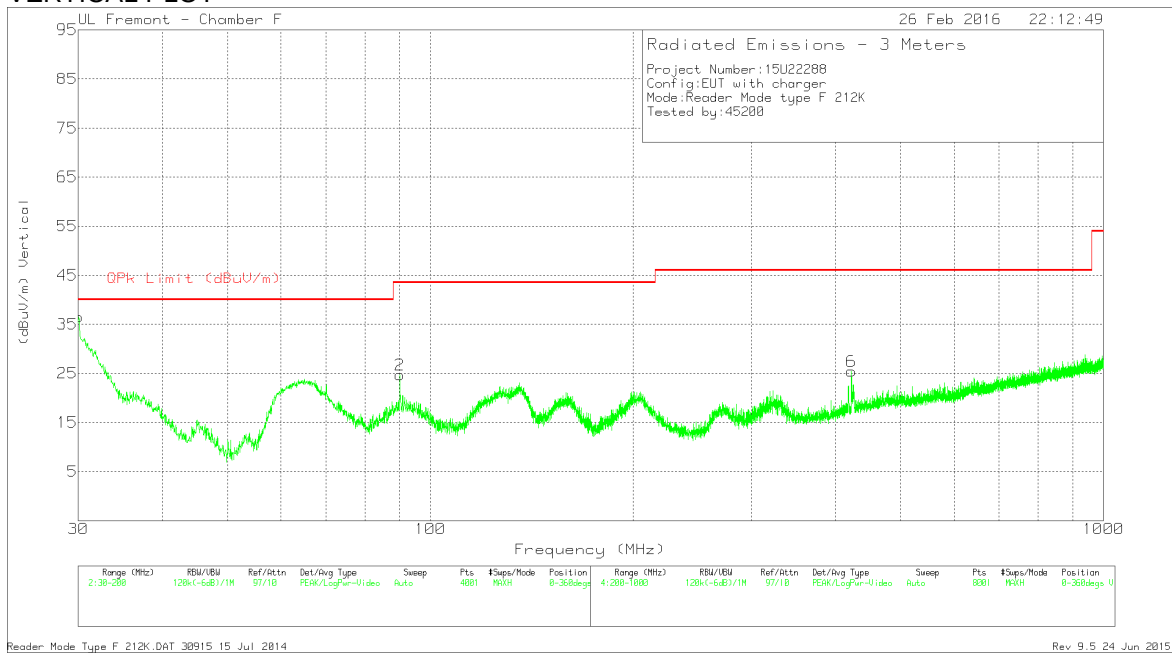
Pk - Peak detector

212Kbps

HORIZONTAL PLOT



VERTICAL PLOT



DATA

Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	AF T408 (dB/m)	Amp/Cbl (dB)	Corrected Reading (dBuV/m)	QPk Limit (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
3	* 135.825	42.22	Pk	17.3	-31.1	28.42	43.52	-15.1	0-360	201	H
4	161.92	43.38	Pk	16.1	-31	28.48	43.52	-15.04	0-360	201	H
1	30.0425	42.97	Pk	25.5	-31.9	36.57	40	-3.43	0-360	100	V
2	90.1375	44.5	Pk	11.6	-31.4	24.7	43.52	-18.82	0-360	100	V
5	422.2	34.89	Pk	20.2	-29.9	25.19	46.02	-20.83	0-360	201	H
6	422.3	35.13	Pk	20.2	-29.9	25.43	46.02	-20.59	0-360	301	V

* - indicates frequency in CFR15.205/IC7.2.2 Restricted Band

Pk - Peak detector

9. FREQUENCY STABILITY

LIMIT

§15.225 (e) The frequency tolerance of the carrier signal shall be maintained within $\pm 0.01\%$ of the operating frequency, over a temperature variation of -20 degrees to +50 degrees C at normal supply voltage, and for a variation in the primary supply voltage from 85% to 115% of the rated supply voltage at a temperature of 20 degrees C. For battery operated equipment, the equipment tests shall be performed using a new battery.

TEST PROCEDURE

ANSI 63.10:2013 Clause 2.3.1 and 2.3.2

RESULTS

No non-compliance noted.

9.1. CE MODE

Type A

848Kbps

Reference Frequency: EUT Channel 13.56 MHz @ 20°C Limit: ± 100 ppm = 1.356 kHz										
Power Supply	Envir. Temp	Frequency Deviation Measured with Time Elapse								
(Vdc)	(°C)	Startup (MHz)	Delta (ppm)	@ 2 mins (MHz)	Delta (ppm)	@ 5 mins (MHz)	Delta (ppm)	@ 10 mins (MHz)	Delta (ppm)	Limit (ppm)
3.80	50	13.5592371	7.616	13.5592346	7.795	13.5592321	7.982	13.5592307	8.083	± 100
3.80	40	13.5593698	-2.175	13.5592666	5.437	13.5592630	5.703	13.5592599	5.932	± 100
3.80	30	13.5593110	2.167	13.5593077	2.409	13.5593046	2.638	13.5593015	2.867	± 100
3.80	20	13.5593404	0.000	13.5593409	-0.042	13.5593414	-0.078	13.5593422	-0.135	± 100
3.80	10	13.5593236	1.234	13.5593346	0.425	13.5593439	-0.259	13.5593479	-0.557	± 100
3.80	0	13.5593653	-1.837	13.5593678	-2.023	13.5593707	-2.237	13.5593728	-2.394	± 100
3.80	-10	13.5593814	-3.024	13.5593822	-3.086	13.5593828	-3.132	13.5593832	-3.162	± 100
3.80	-20	13.5593784	-2.809	13.5593770	-2.701	13.5593755	-2.589	13.5593755	-2.589	± 100
3.23	20	13.5593434	-0.227	13.5593435	-0.229	13.5593436	-0.241	13.5593438	-0.257	± 100
4.37	20	13.5593438	-0.254	13.5593438	-0.257	13.5593439	-0.264	13.5593440	-0.267	± 100

424 Kbps

Reference Frequency: EUT Channel 13.56 MHz @ 20°C Limit: ± 100 ppm = 1.356 kHz										
Power Supply	Envir. Temp	Frequency Deviation Measured with Time Elapse								
(Vdc)	(°C)	Startup (MHz)	Delta (ppm)	@ 2 mins (MHz)	Delta (ppm)	@ 5 mins (MHz)	Delta (ppm)	@ 10 mins (MHz)	Delta (ppm)	Limit (ppm)
3.80	50	13.5592742	5.922	13.5592673	6.431	13.5592651	6.593	13.5592628	6.763	± 100
3.80	40	13.5592961	4.307	13.5592890	4.830	13.5592854	5.096	13.5592792	5.553	± 100
3.80	30	13.5593260	2.102	13.5593186	2.647	13.5593100	3.282	13.5593036	3.754	± 100
3.80	20	13.5593545	0.000	13.5593484	0.448	13.5593402	1.055	13.5593336	1.541	± 100
3.80	10	13.5593765	-1.622	13.5593753	-1.534	13.5593666	-0.892	13.5593615	-0.516	± 100
3.80	0	13.5593851	-2.257	13.5593843	-2.198	13.5593826	-2.072	13.5593806	-1.925	± 100
3.80	-10	13.5593791	-1.814	13.5593816	-1.999	13.5593839	-2.168	13.5593846	-2.220	± 100
3.80	-20	13.5593770	-1.659	13.5593758	-1.571	13.5593745	-1.475	13.5593731	-1.372	± 100
3.23	20	13.5593556	-0.081	13.5593489	0.413	13.5593411	0.988	13.5593396	1.099	± 100
4.37	20	13.5593550	-0.037	13.5593490	0.406	13.5593426	0.878	13.5593401	1.062	± 100

212 Kbps

Reference Frequency: EUT Channel 13.56 MHz @ 20°C Limit: ± 100 ppm = 1.356 kHz										
Power Supply	Envir. Temp	Frequency Deviation Measured with Time Elapse								
(Vdc)	(°C)	Startup (MHz)	Delta (ppm)	@ 2 mins (MHz)	Delta (ppm)	@ 5 mins (MHz)	Delta (ppm)	@ 10 mins (MHz)	Delta (ppm)	Limit (ppm)
3.80	50	13.5592723	2.198	13.5592650	2.736	13.5592626	2.913	13.5592622	2.942	± 100
3.80	40	13.5592626	2.913	13.5592645	2.773	13.5592663	2.640	13.5592689	2.450	± 100
3.80	30	13.5592738	2.087	13.5592778	1.792	13.5592832	1.394	13.5592898	0.907	± 100
3.80	20	13.5593021	0.000	13.5593082	-0.450	13.5593157	-1.003	13.5593218	-1.453	± 100
3.80	10	13.5593320	-2.205	13.5593397	-2.773	13.5593478	-3.370	13.5593515	-3.643	± 100
3.80	0	13.5593599	-4.263	13.5593657	-4.690	13.5593692	-4.948	13.5593726	-5.199	± 100
3.80	-10	13.5593783	-5.619	13.5593801	-5.752	13.5593824	-5.922	13.5593825	-5.929	± 100
3.80	-20	13.5593814	-5.848	13.5593784	-5.627	13.5593772	-5.538	13.5593761	-5.457	± 100
3.23	20	13.5593121	-0.737	13.5593126	-0.773	13.5593088	-0.494	13.5593311	-2.139	± 100
4.37	20	13.5593133	-0.826	13.5593144	-0.907	13.5593092	-0.524	13.5593220	-1.468	± 100

106 Kbps

Reference Frequency: EUT Channel 13.56 MHz @ 20°C Limit: ± 100 ppm = 1.356 kHz										
er Supp	Envir. Temp	Frequency Deviation Measured with Time Elapse								
(Vdc)	(°C)	Startup (MHz)	Delta (ppm)	@ 2 mins (MHz)	Delta (ppm)	@ 5 mins (MHz)	Delta (ppm)	@ 10 mins (MHz)	Delta (ppm)	Limit (ppm)
3.80	50	13.5592643	6.288	13.5592634	6.358	13.5592626	6.412	13.5592622	6.448	± 100
3.80	40	13.5592824	4.958	13.5592799	5.142	13.5592774	5.323	13.5592748	5.514	± 100
3.80	30	13.5593070	3.139	13.5593043	3.342	13.5593017	3.529	13.5593004	3.625	± 100
3.80	20	13.5593496	0.000	13.5593418	0.577	13.5593347	1.097	13.5593323	1.273	± 100
3.80	10	13.5593369	0.933	13.5593396	0.735	13.5593423	0.539	13.5593444	0.384	± 100
3.80	0	13.5593616	-0.888	13.5593650	-1.134	13.5593678	-1.339	13.5593772	-2.035	± 100
3.80	-10	13.5593812	-2.329	13.5593820	-2.386	13.5593826	-2.433	13.5593831	-2.468	± 100
3.80	-20	13.5593796	-2.210	13.5593781	-2.104	13.5593759	-1.939	13.5593745	-1.836	± 100
3.23	20	13.5593637	-1.043	13.5593590	-0.695	13.5593483	0.095	13.5593428	0.503	± 100
4.37	20	13.5593423	0.537	13.5593395	0.742	13.5593368	0.944	13.5593337	1.172	± 100

Type B

848 Kbps

Reference Frequency: EUT Channel 13.56 MHz @ 20°C Limit: ± 100 ppm = 1.356 kHz										
Power Supply	Envir. Temp	Frequency Deviation Measured with Time Elapse								
(Vdc)	(°C)	Startup (MHz)	Delta (ppm)	@ 2 mins (MHz)	Delta (ppm)	@ 5 mins (MHz)	Delta (ppm)	@ 10 mins (MHz)	Delta (ppm)	Limit (ppm)
3.80	50	13.5592642	4.286	13.5592634	4.345	13.5592629	4.389	13.5592625	4.417	± 100
3.80	40	13.5592821	2.970	13.5592792	3.186	13.5592767	3.365	13.5592750	3.493	± 100
3.80	30	13.5593073	1.112	13.5593032	1.412	13.5593008	1.587	13.5593987	-5.630	± 100
3.80	20	13.5593224	0.000	13.5593229	-0.037	13.5593234	-0.079	13.5593241	-0.127	± 100
3.80	10	13.5593224	0.001	13.5593307	-0.613	13.5593376	-1.121	13.5593434	-1.548	± 100
3.80	0	13.5593612	-2.861	13.5593654	-3.170	13.5593687	-3.417	13.5593723	-3.683	± 100
3.80	-10	13.5593815	-4.361	13.5593823	-4.421	13.5593830	-4.470	13.5593834	-4.501	± 100
3.80	-20	13.5593783	-4.125	13.5593768	-4.013	13.5593754	-3.910	13.5593741	-3.812	± 100
3.23	20	13.5593241	-0.126	13.5593238	-0.109	13.5593239	-0.114	13.5593240	-0.123	± 100
4.37	20	13.5593241	-0.126	13.5593245	-0.159	13.5593247	-0.171	13.5593248	-0.183	± 100

424 Kbps

Reference Frequency: EUT Channel 13.56 MHz @ 20°C Limit: ± 100 ppm = 1.356 kHz										
Power Supply	Envir. Temp	Frequency Deviation Measured with Time Elapse								
(Vdc)	(°C)	Startup (MHz)	Delta (ppm)	@ 2 mins (MHz)	Delta (ppm)	@ 5 mins (MHz)	Delta (ppm)	@ 10 mins (MHz)	Delta (ppm)	Limit (ppm)
3.80	50	13.5592633	5.086	13.5592627	5.128	13.5592623	5.155	13.5592621	5.172	± 100
3.80	40	13.5592693	4.639	13.5592702	4.578	13.5592703	4.568	13.5592703	4.568	± 100
3.80	30	13.5593989	-4.918	13.5593981	-4.857	13.5592973	2.580	13.5592963	2.652	± 100
3.80	20	13.5593322	0.000	13.5593297	0.190	13.5593288	0.251	13.5593279	0.323	± 100
3.80	10	13.5593157	1.217	13.5593244	0.577	13.5593307	0.112	13.5593389	-0.490	± 100
3.80	0	13.5593511	-1.392	13.5593601	-2.052	13.5593639	-2.335	13.5593682	-2.655	± 100
3.80	-10	13.5593779	-3.371	13.5593801	-3.528	13.5593815	-3.632	13.5593826	-3.714	± 100
3.80	-20	13.5593787	-3.424	13.5593771	-3.307	13.5593753	-3.175	13.5593739	-3.070	± 100
3.23	20	13.5593266	0.413	13.5593266	0.417	13.5593265	0.425	13.5593263	0.439	± 100
4.37	20	13.5593278	0.326	13.5593275	0.347	13.5593272	0.373	13.5593267	0.410	± 100

212 Kbps

Reference Frequency: EUT Channel 13.56 MHz @ 20°C Limit: ± 100 ppm = 1.356 kHz										
Power Supply	Envir. Temp	Frequency Deviation Measured with Time Elapse								
(Vdc)	(°C)	Startup (MHz)	Delta (ppm)	@ 2 mins (MHz)	Delta (ppm)	@ 5 mins (MHz)	Delta (ppm)	@ 10 mins (MHz)	Delta (ppm)	Limit (ppm)
3.80	50	13.5592747	6.176	13.5592688	6.616	13.5592658	6.831	13.5592636	6.995	± 100
3.80	40	13.5592862	5.332	13.5592824	5.613	13.5592793	5.836	13.5592767	6.028	± 100
3.80	30	13.5593312	2.013	13.5593079	3.732	13.5593047	3.962	13.5593028	4.107	± 100
3.80	20	13.5593585	0.000	13.5593514	0.525	13.5593451	0.983	13.5593388	1.451	± 100
3.80	10	13.5593158	3.147	13.5593255	2.429	13.5593331	1.873	13.5593398	1.376	± 100
3.80	0	13.5593616	-0.229	13.5593636	-0.377	13.5593665	-0.588	13.5593694	-0.805	± 100
3.80	-10	13.5593805	-1.623	13.5593814	-1.690	13.5593822	-1.753	13.5593830	-1.810	± 100
3.80	-20	13.5593793	-1.533	13.5593379	1.514	13.5593763	-1.315	13.5593747	-1.198	± 100
3.23	20	13.5593385	1.476	13.559	1.534	13.5593359	1.664	13.5593336	1.837	± 100
4.37	20	13.5593334	1.847	13.559	1.952	13.5593311	2.020	13.5593301	2.094	± 100

106 Kbps

Reference Frequency: EUT Channel 13.56 MHz @ 20°C Limit: ± 100 ppm = 1.356 kHz										
Power Supply	Envir. Temp	Frequency Deviation Measured with Time Elapse								
(Vdc)	(°C)	Startup (MHz)	Delta (ppm)	@ 2 mins (MHz)	Delta (ppm)	@ 5 mins (MHz)	Delta (ppm)	@ 10 mins (MHz)	Delta (ppm)	Limit (ppm)
3.80	50	13.5592770	4.192	13.5592650	5.077	13.5592641	5.142	13.5592633	5.200	± 100
3.80	40	13.5593061	2.049	13.5592842	3.662	13.5592819	3.831	13.5592795	4.010	± 100
3.80	30	13.5593730	-2.885	13.5593164	1.285	13.5593134	1.509	13.5593100	1.759	± 100
3.80	20	13.5593338	0.000	13.5593338	0.001	13.5593326	0.090	13.5593314	0.184	± 100
3.80	10	13.5593300	0.281	13.5593447	-0.802	13.5593479	-1.034	13.5593508	-1.248	± 100
3.80	0	13.5593531	-1.423	13.5593673	-2.469	13.5593700	-2.670	13.5593732	-2.900	± 100
3.80	-10	13.5593841	-3.705	13.5593779	-3.249	13.5593765	-3.142	13.5593747	-3.015	± 100
3.80	-20	13.5593752	-3.049	13.5593828	-3.612	13.5593835	-3.658	13.5593839	-3.688	± 100
3.23	20	13.5592966	2.749	13.55930276	2.292	13.5593100	1.756	13.5593164	1.288	± 100
4.37	20	13.5593174	1.216	13.55931878	1.111	13.5593203	0.996	13.5593222	0.858	± 100

Type F

424 Kbps

Reference Frequency: EUT Channel 13.56 MHz @ 20°C Limit: ± 100 ppm = 1.356 kHz										
Power Supply	Envir. Temp	Frequency Deviation Measured with Time Elapse								
(Vdc)	(°C)	Startup (MHz)	Delta (ppm)	@ 2 mins (MHz)	Delta (ppm)	@ 5 mins (MHz)	Delta (ppm)	@ 10 mins (MHz)	Delta (ppm)	Limit (ppm)
3.80	50	13.5592758	4.314	13.5592645	5.144	13.5592637	5.204	13.5592630	5.257	± 100
3.80	40	13.5593046	2.188	13.5592835	3.749	13.5592810	3.930	13.5592785	4.119	± 100
3.80	30	13.5593740	-2.929	13.5593165	1.317	13.5593130	1.571	13.5593091	1.861	± 100
3.80	20	13.5593343	0.000	13.5593343	0.001	13.5593330	0.097	13.5593314	0.216	± 100
3.80	10	13.5593294	0.365	13.5593446	-0.759	13.5593471	-0.946	13.5593494	-1.112	± 100
3.80	0	13.5593512	-1.248	13.5593665	-2.372	13.5593688	-2.545	13.5593717	-2.758	± 100
3.80	-10	13.5593738	-2.913	13.5593821	-3.521	13.5593829	-3.580	13.5593835	-3.625	± 100
3.80	-20	13.5593839	-3.655	13.5593791	-3.302	13.5593776	-3.193	13.5593759	-3.068	± 100
3.23	20	13.5592928	3.063	13.5592970	2.753	13.5593039	2.240	13.5593114	1.686	± 100
4.37	20	13.5593117	1.664	13.5593128	1.585	13.5593145	1.463	13.5593161	1.343	± 100

212 Kbps

Reference Frequency: EUT Channel 13.56 MHz @ 20°C Limit: ± 100 ppm = 1.356 kHz										
r Suppl	r. Tem	Frequency Deviation Measured with Time Elapse								
(Vdc)	(°C)	Startup (MHz)	Delta (ppm)	@ 2 mins (MHz)	Delta (ppm)	@ 5 mins (MHz)	Delta (ppm)	@ 10 mins (MHz)	Delta (ppm)	Limit (ppm)
3.80	50	13.5592759	3.413	13.5592645	4.256	13.5592637	4.315	13.5592630	4.365	± 100
3.80	40	13.5593049	1.275	13.5592830	2.886	13.5592807	3.058	13.5592783	3.235	± 100
3.80	30	13.5593723	-3.697	13.5593161	0.447	13.5593127	0.697	13.5593090	0.974	± 100
3.80	20	13.5593222	0.000	13.5593222	0.000	13.5593221	0.004	13.5593223	-0.007	± 100
3.80	10	13.5593227	-0.035	13.5593400	-1.311	13.5593434	-1.564	13.5593466	-1.799	± 100
3.80	0	13.5593495	-2.017	13.5593656	-3.206	13.5593683	-3.403	13.5593715	-3.635	± 100
3.80	-10	13.55937366	-3.797	13.5593822	-4.424	13.5593828	-4.473	13.5593833	-4.507	± 100
3.80	-20	13.55938361	-4.531	13.55937738	-4.072	13.55937583	-3.957	13.5593741	-3.829	± 100
3.23	20	13.5593026	1.445	13.5593094	0.942	13.5593149	0.537	13.5593198	0.174	± 100
4.37	20	13.5593212	0.075	13.5593223	-0.007	13.5593234	-0.087	13.5593262	-0.297	± 100

9.2. READER MODE

Type A

848 Kbps

Reference Frequency: EUT Channel 13.56 MHz @ 20°C Limit: ± 100 ppm = 1.356 kHz										
Power Supply	Envir. Temp	Frequency Deviation Measured with Time Elapse								
(Vdc)	(°C)	Startup (MHz)	Delta (ppm)	@ 2 mins (MHz)	Delta (ppm)	@ 5 mins (MHz)	Delta (ppm)	@ 10 mins (MHz)	Delta (ppm)	Limit (ppm)
3.80	50	13.5592688	2.714	13.5592669	2.854	13.5592638	3.083	13.5592622	3.201	± 100
3.80	40	13.5592866	1.401	13.5592862	1.431	13.5592841	1.586	13.5592830	1.667	± 100
3.80	30	13.5593301	-1.807	13.5593294	-1.755	13.5593211	-1.143	13.5593123	-0.494	± 100
3.80	20	13.5593056	0.000	13.5593056	0.000	13.5593048	0.059	13.5593003	0.391	± 100
3.80	10	13.5593314	-1.903	13.5593319	-1.940	13.5593353	-2.190	13.5593368	-2.301	± 100
3.80	0	13.5593611	-4.093	13.5593612	-4.100	13.5593623	-4.181	13.5593641	-4.314	± 100
3.80	-10	13.5593722	-4.912	13.5593732	-4.985	13.5593766	-5.236	13.5593801	-5.494	± 100
3.80	-20	13.5593822	-5.649	13.5593826	-5.678	13.5593824	-5.664	13.5593809	-5.553	± 100
3.23	20	13.5593004	0.383	13.5593003	0.391	13.5593001	0.406	13.5593000	0.413	± 100
4.37	20	13.5593000	0.413	13.5592990	0.487	13.5592987	0.509	13.5592982	0.546	± 100

424 Kbps

Reference Frequency: EUT Channel 13.56 MHz @ 20°C Limit: ± 100 ppm = 1.356 kHz										
r Suppl	Envir. Temp	Frequency Deviation Measured with Time Elapse								
(Vdc)	(°C)	Startup (MHz)	Delta (ppm)	@ 2 mins (MHz)	Delta (ppm)	@ 5 mins (MHz)	Delta (ppm)	@ 10 mins (MHz)	Delta (ppm)	Limit (ppm)
3.80	50	13.5592742	5.922	13.5592673	6.431	13.5592651	6.593	13.5592628	6.763	± 100
3.80	40	13.5592961	4.307	13.5592890	4.830	13.5592854	5.096	13.5592792	5.553	± 100
3.80	30	13.5593260	2.102	13.5593186	2.647	13.5593100	3.282	13.5593036	3.754	± 100
3.80	20	13.5593545	0.000	13.5593484	0.448	13.5593402	1.055	13.5593336	1.541	± 100
3.80	10	13.5593765	-1.622	13.5593753	-1.534	13.5593666	-0.892	13.5593615	-0.516	± 100
3.80	0	13.5593851	-2.257	13.5593843	-2.198	13.5593826	-2.072	13.5593806	-1.925	± 100
3.80	-10	13.5593791	-1.814	13.5593816	-1.999	13.5593839	-2.168	13.5593846	-2.220	± 100
3.80	-20	13.5593770	-1.659	13.5593758	-1.571	13.5593745	-1.475	13.5593731	-1.372	± 100
3.23	20	13.5593002	4.004	13.5593041	3.717	13.5593080	3.429	13.5593102	3.267	± 100
4.37	20	13.5593103	3.260	13.5593126	3.090	13.5593184	2.662	13.5593200	2.544	± 100

212 Kbps

Reference Frequency: EUT Channel 13.56 MHz @ 20°C Limit: ± 100 ppm = 1.356 kHz										
r Supp	. Tem	Frequency Deviation Measured with Time Elapse								
(Vdc)	(°C)	Startup (MHz)	Delta (ppm)	@ 2 mins (MHz)	Delta (ppm)	@ 5 mins (MHz)	Delta (ppm)	@ 10 mins (MHz)	Delta (ppm)	Limit (ppm)
3.80	50	13.5592723	2.198	13.5592650	2.736	13.5592626	2.913	13.5592622	2.942	± 100
3.80	40	13.5592626	2.913	13.5592645	2.773	13.5592663	2.640	13.5592689	2.450	± 100
3.80	30	13.5592738	2.087	13.5592778	1.792	13.5592832	1.394	13.5592898	0.907	± 100
3.80	20	13.5593021	0.000	13.5593082	-0.450	13.5593157	-1.003	13.5593218	-1.453	± 100
3.80	10	13.5593320	-2.205	13.5593397	-2.773	13.5593478	-3.370	13.5593515	-3.643	± 100
3.80	0	13.5593599	-4.263	13.5593657	-4.690	13.5593692	-4.948	13.5593726	-5.199	± 100
3.80	-10	13.5593783	-5.619	13.5593801	-5.752	13.5593824	-5.922	13.5593825	-5.929	± 100
3.80	-20	13.5593814	-5.848	13.5593784	-5.627	13.5593772	-5.538	13.5593761	-5.457	± 100
3.23	20	13.5593232	-1.556	13.5593237	-1.593	13.5593240	-1.615	13.5593244	-1.645	± 100
4.37	20	13.5593244	-1.645	13.5593244	-1.645	13.5593245	-1.652	13.5593245	-1.652	± 100

106 Kbps

Reference Frequency: EUT Channel 13.56 MHz @ 20°C Limit: ± 100 ppm = 1.356 kHz										
Power Supply	Envir. Temp	Frequency Deviation Measured with Time Elapse								
(Vdc)	(°C)	Startup (MHz)	Delta (ppm)	@ 2 mins (MHz)	Delta (ppm)	@ 5 mins (MHz)	Delta (ppm)	@ 10 mins (MHz)	Delta (ppm)	Limit (ppm)
3.80	50	13.5592692	4.086	13.5592668	4.263	13.5592632	4.528	13.5592628	4.558	± 100
3.80	40	13.5592832	3.053	13.5592819	3.149	13.5592795	3.326	13.5592766	3.540	± 100
3.80	30	13.5593083	1.202	13.5593073	1.276	13.5593059	1.379	13.5593050	1.445	± 100
3.80	20	13.5593246	0.000	13.5593245	0.007	13.5593247	-0.007	13.5593249	-0.022	± 100
3.80	10	13.5593393	-1.084	13.5593410	-1.209	13.5593442	-1.445	13.5593489	-1.792	± 100
3.80	0	13.5593571	-2.397	13.5593589	-2.529	13.5593685	-3.237	13.5593695	-3.311	± 100
3.80	-10	13.5593772	-3.879	13.5593798	-4.071	13.5593814	-4.189	13.5593820	-4.233	± 100
3.80	-20	13.5593737	-3.621	13.5593737	-3.621	13.5593720	-3.496	13.5593713	-3.444	± 100
3.23	20	13.5593249	-0.022	13.5593250	-0.029	13.5593249	-0.022	13.5593250	-0.029	± 100
4.37	20	13.5593250	-0.029	13.5593250	-0.029	13.5593251	-0.037	13.5593252	-0.044	± 100

Type B

848 Kbps

Reference Frequency: EUT Channel 13.56 MHz @ 20°C Limit: ± 100 ppm = 1.356 kHz										
Power Supply	Envir. Temp	Frequency Deviation Measured with Time Elapse								
(Vdc)	(°C)	Startup (MHz)	Delta (ppm)	@ 2 mins (MHz)	Delta (ppm)	@ 5 mins (MHz)	Delta (ppm)	@ 10 mins (MHz)	Delta (ppm)	Limit (ppm)
3.80	50	13.5592625	3.665	13.5592622	3.687	13.5592621	3.695	13.5592619	3.709	± 100
3.80	40	13.5592649	3.488	13.5592663	3.385	13.5592672	3.319	13.5592679	3.267	± 100
3.80	30	13.5592805	2.338	13.5592854	1.976	13.5592865	1.895	13.5592871	1.851	± 100
3.80	20	13.5593122	0.000	13.5593127	-0.037	13.5593133	-0.081	13.5593143	-0.155	± 100
3.80	10	13.5593300	-1.313	13.5593342	-1.622	13.5593376	-1.873	13.5593407	-2.102	± 100
3.80	0	13.5593548	-3.142	13.5593580	-3.378	13.5593631	-3.754	13.5593688	-4.174	± 100
3.80	-10	13.5593776	-4.823	13.5593794	-4.956	13.5593811	-5.081	13.5593819	-5.140	± 100
3.80	-20	13.5593819	-5.140	13.5593800	-5.000	13.5593763	-4.727	13.5593750	-4.631	± 100
3.23	20	13.5593143	-0.155	13.5593146	-0.177	13.5593155	-0.243	13.5593171	-0.361	± 100
4.37	20	13.5593171	-0.361	13.5593177	-0.406	13.5593183	-0.450	13.5593194	-0.531	± 100

424 Kbps

Reference Frequency: EUT Channel 13.56 MHz @ 20°C Limit: ± 100 ppm = 1.356 kHz										
Power Supply	Envir. Temp	Frequency Deviation Measured with Time Elapse								
(Vdc)	(°C)	Startup (MHz)	Delta (ppm)	@ 2 mins (MHz)	Delta (ppm)	@ 5 mins (MHz)	Delta (ppm)	@ 10 mins (MHz)	Delta (ppm)	Limit (ppm)
3.80	50	13.5592670	4.366	13.5592646	4.543	13.5592638	4.602	13.5592626	4.690	± 100
3.80	40	13.5592783	3.532	13.5592754	3.746	13.5592739	3.857	13.5592729	3.931	± 100
3.80	30	13.5593055	1.527	13.5593022	1.770	13.5593009	1.866	13.5592991	1.999	± 100
3.80	20	13.5593262	0.000	13.5593254	0.059	13.5593247	0.111	13.5593246	0.118	± 100
3.80	10	13.5593759	-3.665	13.5593738	-3.510	13.5593714	-3.333	13.5593678	-3.068	± 100
3.80	0	13.5593848	-4.322	13.5593845	-4.299	13.5593836	-4.233	13.5593821	-4.122	± 100
3.80	-10	13.5593798	-3.953	13.5593816	-4.086	13.5593831	-4.196	13.5593836	-4.233	± 100
3.80	-20	13.5593745	-3.562	13.5593741	-3.532	13.5593737	-3.503	13.5593733	-3.473	± 100
3.23	20	13.5593246	0.118	13.5593245	0.125	13.5593246	0.118	13.5593245	0.125	± 100
4.37	20	13.5593245	0.125	13.5593246	0.118	13.5593247	0.111	13.5593247	0.111	± 100

212 Kbps

Reference Frequency: EUT Channel 13.56 MHz @ 20°C Limit: ± 100 ppm = 1.356 kHz										
Power Supply	Envir. Temp	Frequency Deviation Measured with Time Elapse								
(Vdc)	(°C)	Startup (MHz)	Delta (ppm)	@ 2 mins (MHz)	Delta (ppm)	@ 5 mins (MHz)	Delta (ppm)	@ 10 mins (MHz)	Delta (ppm)	Limit (ppm)
3.80	50	13.5592625	3.355	13.5592622	3.378	13.5592621	3.385	13.5592620	3.392	± 100
3.80	40	13.5592651	3.164	13.5592667	3.046	13.5592680	2.950	13.5592684	2.920	± 100
3.80	30	13.5592830	1.844	13.5592851	1.689	13.5592877	1.497	13.5592888	1.416	± 100
3.80	20	13.5593080	0.000	13.5593111	-0.229	13.5593164	-0.619	13.5593190	-0.811	± 100
3.80	10	13.5593994	-6.740	13.5593451	-2.736	13.5593477	-2.928	13.5593493	-3.046	± 100
3.80	0	13.5593592	-3.776	13.5593630	-4.056	13.5593696	-4.543	13.5593728	-4.779	± 100
3.80	-10	13.5593785	-5.199	13.5593816	-5.428	13.5593827	-5.509	13.5593830	-5.531	± 100
3.80	-20	13.5593813	-5.406	13.5593798	-5.295	13.5593774	-5.118	13.5593770	-5.088	± 100
3.23	20	13.5593190	-0.811	13.5593195	-0.848	13.5593206	-0.929	13.5593216	-1.003	± 100
4.37	20	13.5593216	-1.003	13.5593225	-1.069	13.5593229	-1.099	13.5593231	-1.114	± 100

106 Kbps

Reference Frequency: EUT Channel 13.56 MHz @ 20°C Limit: ± 100 ppm = 1.356 kHz										
Power Supply	Envir. Temp	Frequency Deviation Measured with Time Elapse								
(Vdc)	(°C)	Startup (MHz)	Delta (ppm)	@ 2 mins (MHz)	Delta (ppm)	@ 5 mins (MHz)	Delta (ppm)	@ 10 mins (MHz)	Delta (ppm)	Limit (ppm)
3.80	50	13.5592712	6.578	13.5592676	6.844	13.5592625	7.220	13.5592625	7.220	± 100
3.80	40	13.5592948	4.838	13.5592888	5.280	13.5592814	5.826	13.5592776	6.106	± 100
3.80	30	13.5593100	3.717	13.5593080	3.864	13.5593054	4.056	13.5593029	4.240	± 100
3.80	20	13.5593604	0.000	13.5593526	0.575	13.5593495	0.804	13.5593462	1.047	± 100
3.80	10	13.5593793	-1.394	13.5593774	-1.254	13.5593731	-0.937	13.5593710	-0.782	± 100
3.80	0	13.5593854	-1.844	13.5593851	-1.822	13.5593841	-1.748	13.5593833	-1.689	± 100
3.80	-10	13.5593797	-1.423	13.5593815	-1.556	13.5593831	-1.674	13.5593839	-1.733	± 100
3.80	-20	13.5593764	-1.180	13.5593756	-1.121	13.5593748	-1.062	13.5593740	-1.003	± 100
3.23	20	13.5593462	1.047	13.5593434	1.254	13.5593419	1.364	13.5593403	1.482	± 100
4.37	20	13.5593310	2.168	13.5593294	2.286	13.5593284	2.360	13.5593278	2.404	± 100

Type F

424 Kbps

Reference Frequency: EUT Channel 13.56 MHz @ 20°C Limit: ± 100 ppm = 1.356 kHz										
Power Supply	Envir. Temp	Frequency Deviation Measured with Time Elapse								
(Vdc)	(°C)	Startup (MHz)	Delta (ppm)	@ 2 mins (MHz)	Delta (ppm)	@ 5 mins (MHz)	Delta (ppm)	@ 10 mins (MHz)	Delta (ppm)	Limit (ppm)
3.80	50	13.5592623	1.999	13.5592623	1.999	13.5592622	2.006	13.5592622	2.006	± 100
3.80	40	13.5592622	2.006	13.5592629	1.954	13.5592640	1.873	13.5592654	1.770	± 100
3.80	30	13.5592698	1.445	13.5592738	1.150	13.5592767	0.937	13.5592792	0.752	± 100
3.80	20	13.5592894	0.000	13.5592934	-0.295	13.5592976	-0.605	13.5593034	-1.032	± 100
3.80	10	13.5593299	-2.987	13.5593371	-3.518	13.5593421	-3.887	13.5593435	-3.990	± 100
3.80	0	13.5593614	-5.310	13.5593659	-5.642	13.5593676	-5.767	13.5593704	-5.974	± 100
3.80	-10	13.5593780	-6.534	13.5593795	-6.645	13.5593811	-6.763	13.5593818	-6.814	± 100
3.80	-20	13.5593823	-6.851	13.5593801	-6.689	13.5593785	-6.571	13.5593774	-6.490	± 100
3.23	20	13.5593038	-1.062	13.5593058	-1.209	13.5593073	-1.320	13.5593126	-1.711	± 100
4.37	20	13.5593127	-1.718	13.5593133	-1.763	13.5593168	-2.021	13.5593192	-2.198	± 100

212 Kbps

Reference Frequency: EUT Channel 13.56 MHz @ 20°C Limit: ± 100 ppm = 1.356 kHz										
Power Supply	Envir. Temp	Frequency Deviation Measured with Time Elapse								
(Vdc)	(°C)	Startup (MHz)	Delta (ppm)	@ 2 mins (MHz)	Delta (ppm)	@ 5 mins (MHz)	Delta (ppm)	@ 10 mins (MHz)	Delta (ppm)	Limit (ppm)
3.80	50	13.5592741	6.424	13.5592713	6.630	13.5592687	6.822	13.5592668	6.962	± 100
3.80	40	13.5592993	4.565	13.5592955	4.845	13.5592922	5.089	13.5592888	5.339	± 100
3.80	30	13.5593194	3.083	13.5593156	3.363	13.5593120	3.628	13.5593089	3.857	± 100
3.80	20	13.5593612	0.000	13.5593538	0.546	13.5593497	0.848	13.5593450	1.195	± 100
3.80	10	13.5593778	-1.224	13.5593738	-0.929	13.5593716	-0.767	13.5593698	-0.634	± 100
3.80	0	13.5593832	-1.622	13.5593828	-1.593	13.5593825	-1.571	13.5593801	-1.394	± 100
3.80	-10	13.5593805	-1.423	13.5593831	-1.615	13.5593838	-1.667	13.5593861	-1.836	± 100
3.80	-20	13.5593767	-1.143	13.5593762	-1.106	13.5593746	-0.988	13.5593736	-0.914	± 100
3.23	20	13.5593450	1.195	13.5593430	1.342	13.5593391	1.630	13.5593380	1.711	± 100
4.37	20	13.5593380	1.711	13.5593373	1.763	13.5593367	1.807	13.5593356	1.888	± 100

10. AC MAINS LINE CONDUCTED EMISSIONS

LIMITS

§15.207

IC RSS-GEN, Section 7.2.2

(a) Except as shown in paragraphs (b) and (c) of this section, for an intentional radiator that is designed to be connected to the public utility (AC) power line, the radio frequency voltage that is conducted back onto the AC power line on any frequency or frequencies, within the band 150 kHz to 30 MHz, shall not exceed the limits in the following table, as measured using a 50 μ H/50 ohms line impedance stabilization network (LISN). Compliance with the provisions of this paragraph shall be based on the measurement of the radio frequency voltage between each power line and ground at the power terminal. The lower limit applies at the band edges.

Frequency range (MHz)	Limits (dB μ V)	
	Quasi-peak	Average
0.15 to 0.50	66 to 56	56 to 46
0.50 to 5	56	46
5 to 30	60	50
Notes: 1. The lower limit shall apply at the transition frequencies 2. The limit decreases linearly with the logarithm of the frequency in the range 0.15 MHz to 0.50 MHz.		

TEST PROCEDURE

ANSI C63.10

RESULTS

No non-compliance noted:

10.1. CE MODE, TYPE A

10.1.1. NORMAL OPERATION 848KBPS

WORST EMISSIONS

Range 1: Line-L1 .15 - 30MHz											
Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	T1310 IL L1	LC Cables 1&3	Limiter (dB)	Corrected Reading dBuV	CISPR 22 Class B QP	Margin (dB)	CISPR 22 Class B Avg	Margin (dB)
1	.17025	34.01	Qp	0	0	10.1	44.11	64.95	-20.84	-	-
2	.17025	15.47	Ca	0	0	10.1	25.57	-	-	54.95	-29.38
3	.1995	32.77	Qp	0	0	10.1	42.87	63.63	-20.76	-	-
4	.20175	13.64	Ca	0	0	10.1	23.74	-	-	53.54	-29.8
5	.816	32.63	Qp	0	0	10.1	42.73	56	-13.27	-	-
6	.81825	19.59	Ca	0	0	10.1	29.69	-	-	46	-16.31
7	12.70725	22.31	Qp	.1	.2	10.2	32.81	60	-27.19	-	-
8	12.71175	17.62	Ca	.1	.2	10.2	28.12	-	-	50	-21.88
9	13.56	57.91	Qp	.1	.2	10.2	68.41	60	8.41	-	-
10	13.56	55.47	Ca	.1	.2	10.2	65.97	-	-	50	15.97
11	14.4105	21.97	Qp	0	.2	10.2	32.37	60	-27.63	-	-
12	14.406	17.09	Ca	0	.2	10.2	27.49	-	-	50	-22.51

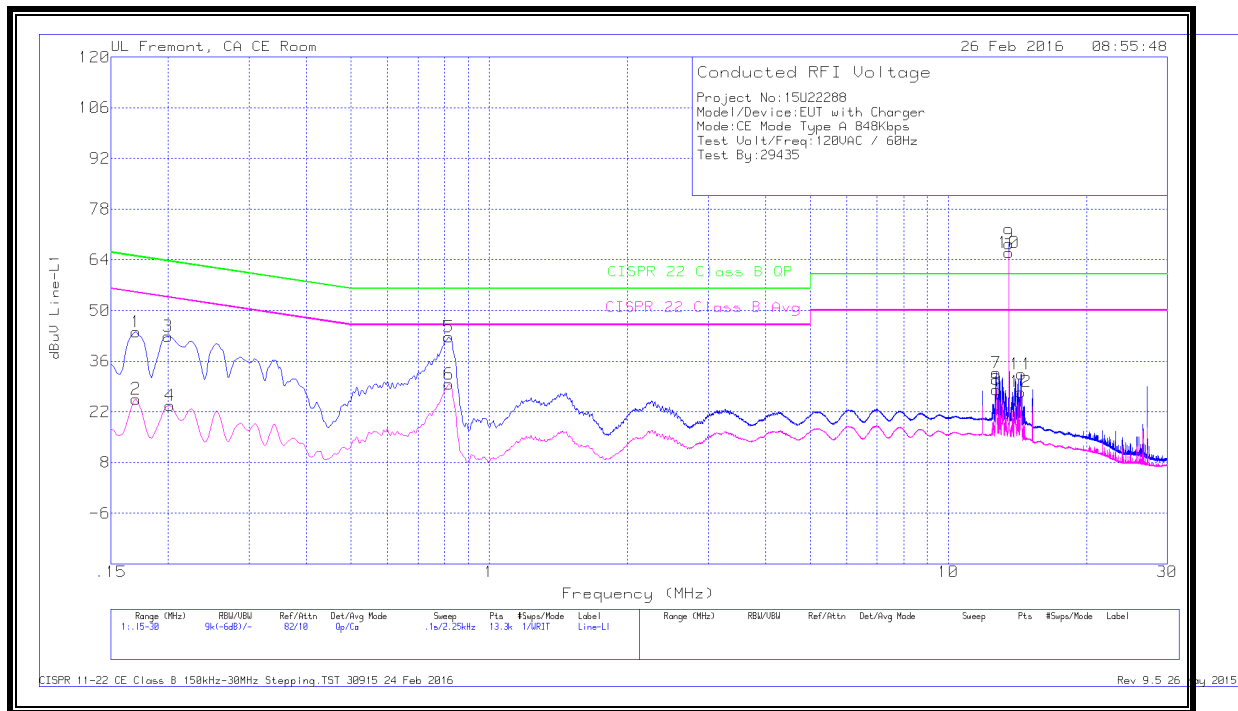
Range 2: Line-L2 .15 - 30MHz											
Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	T1310 IL L2	LC Cables 2&3	Limiter (dB)	Corrected Reading dBuV	CISPR 22 Class B QP	Margin (dB)	CISPR 22 Class B Avg	Margin (dB)
13	.17025	34.74	Qp	0	0	10.1	44.84	64.95	-20.11	-	-
14	.17025	16.64	Ca	0	0	10.1	26.74	-	-	54.95	-28.21
15	.19725	31.38	Qp	0	0	10.1	41.48	63.73	-22.25	-	-
16	.1995	13.02	Ca	0	0	10.1	23.12	-	-	53.63	-30.51
17	.81825	31.95	Qp	0	0	10.1	42.05	56	-13.95	-	-
18	.816	22.86	Ca	0	0	10.1	32.96	-	-	46	-13.04
19	12.70725	19.71	Qp	.1	.2	10.2	30.21	60	-29.79	-	-
20	12.71175	15.82	Ca	.1	.2	10.2	26.32	-	-	50	-23.68
21	13.56	54.36	Qp	.1	.2	10.2	64.86	60	4.86	-	-
22	13.56	53.69	Ca	.1	.2	10.2	64.19	-	-	50	14.19
23	14.4105	19.05	Qp	.1	.2	10.2	29.55	60	-30.45	-	-
24	14.406	15.25	Ca	.1	.2	10.2	25.75	-	-	50	-24.25

Qp - Quasi-Peak detector

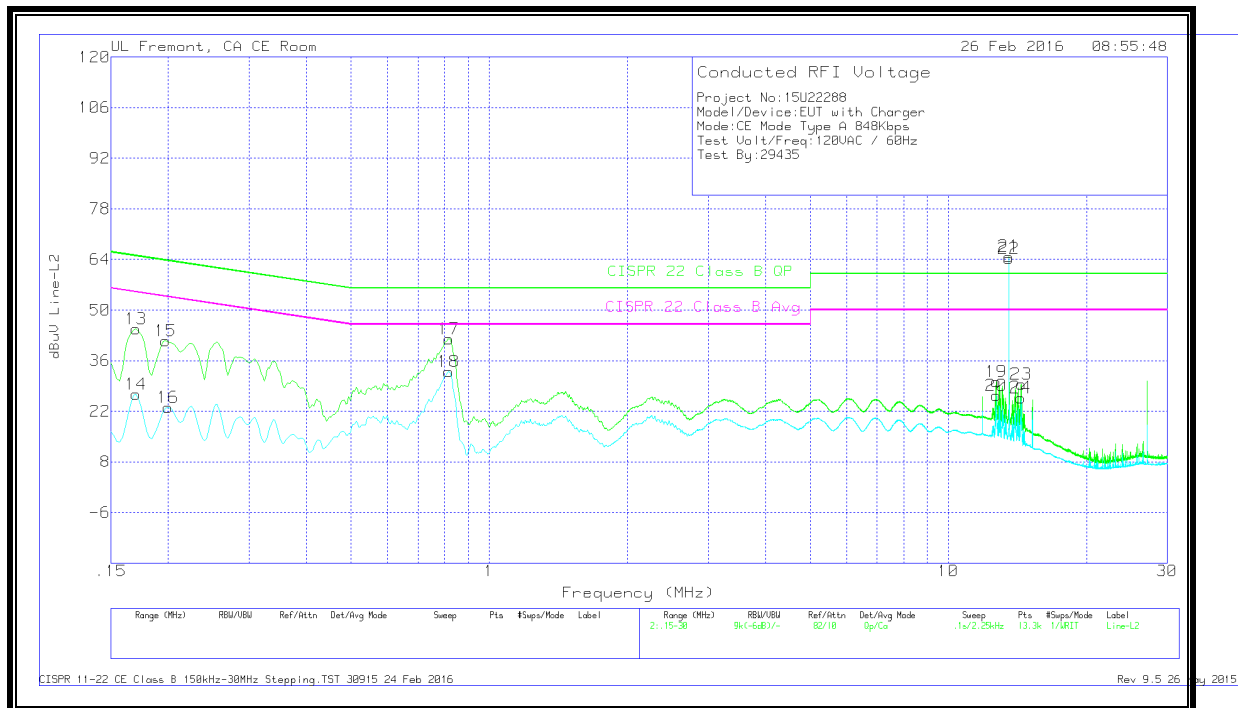
Ca - CISPR average detection

Note: 13.56MHz is a fundamental frequency of the EUT. Data under the following section indicate that when the antenna terminal is terminated the fundamental amplitude is lowering below the limit line.

LINE 1 RESULTS



LINE 2 RESULTS



10.1.2. WITH ANTENNA PORT TERMINATED 848KBPS

WORST EMISSIONS

Range 1: Line-L1 .15 - 30MHz											
Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	T1310 IL L1	LC Cables 1&3	Limiter (dB)	Corrected Reading dBuV	CISPR 22 Class B QP	Margin (dB)	CISPR 22 Class B Avg	Margin (dB)
1	.17025	33.55	Qp	0	0	10.1	43.65	64.95	-21.3	-	-
2	.17025	15.3	Ca	0	0	10.1	25.4	-	-	54.95	-29.55
3	.1995	32.25	Qp	0	0	10.1	42.35	63.63	-21.28	-	-
4	.1995	13.42	Ca	0	0	10.1	23.52	-	-	53.63	-30.11
5	.2535	30.61	Qp	0	0	10.1	40.71	61.64	-20.93	-	-
6	.2535	12.23	Ca	0	0	10.1	22.33	-	-	51.64	-29.31
7	.285	26.61	Qp	0	0	10.1	36.71	60.67	-23.96	-	-
8	.28725	8.79	Ca	0	0	10.1	18.89	-	-	50.6	-31.71
9	.33675	26.6	Qp	0	0	10.1	36.7	59.28	-22.58	-	-
10	.339	8.75	Ca	0	0	10.1	18.85	-	-	49.23	-30.38
11	.81375	31.63	Qp	0	0	10.1	41.73	56	-14.27	-	-
12	.816	18.58	Ca	0	0	10.1	28.68	-	-	46	-17.32

Qp - Quasi-Peak detector

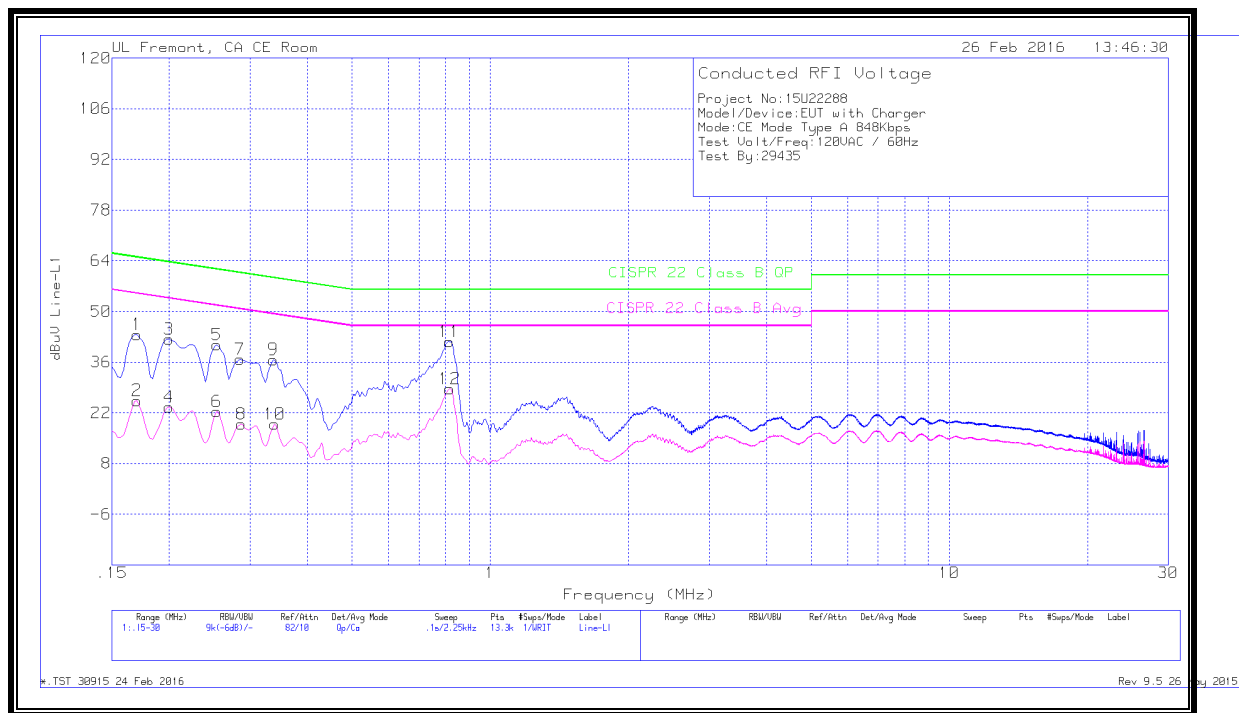
Ca - CISPR average detection

Range 2: Line-L2 .15 - 30MHz											
Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	T1310 IL L2	LC Cables 2&3	Limiter (dB)	Corrected Reading dBuV	CISPR 22 Class B QP	Margin (dB)	CISPR 22 Class B Avg	Margin (dB)
13	.17025	34.27	Qp	0	0	10.1	44.37	64.95	-20.58	-	-
14	.17025	16.55	Ca	0	0	10.1	26.65	-	-	54.95	-28.3
15	.19725	31.01	Qp	0	0	10.1	41.11	63.73	-22.62	-	-
16	.1995	13.13	Ca	0	0	10.1	23.23	-	-	53.63	-30.4
17	.2535	30.63	Qp	0	0	10.1	40.73	61.64	-20.91	-	-
18	.2535	14.06	Ca	0	0	10.1	24.16	-	-	51.64	-27.48
19	.285	26.69	Qp	0	0	10.1	36.79	60.67	-23.88	-	-
20	.28725	10.42	Ca	0	0	10.1	20.52	-	-	50.6	-30.08
21	.33675	25.55	Qp	0	0	10.1	35.65	59.28	-23.63	-	-
22	.339	9.87	Ca	0	0	10.1	19.97	-	-	49.23	-29.26
23	.81487	31.49	Qp	0	0	10.1	41.59	56	-14.41	-	-
24	.81375	22.41	Ca	0	0	10.1	32.51	-	-	46	-13.49

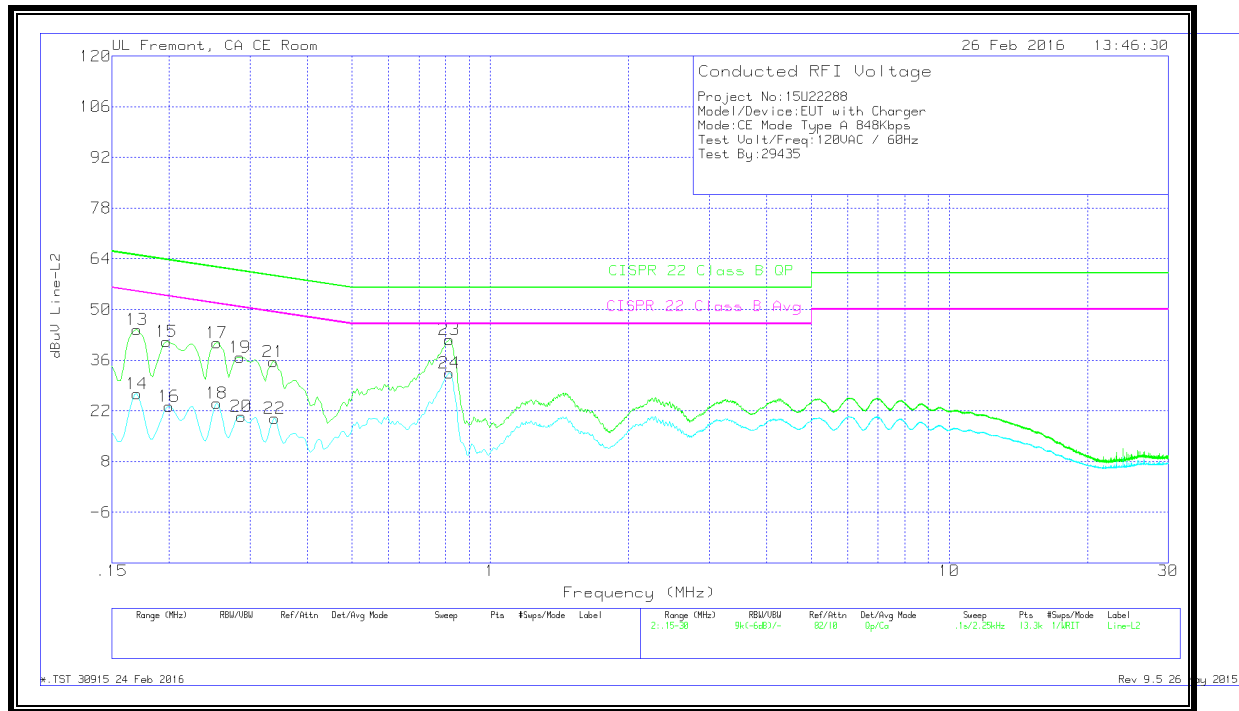
Qp - Quasi-Peak detector

Ca - CISPR average detection

LINE 1 RESULTS



LINE 2 RESULTS



10.1.3. NORMAL OPERATION 424KBPS

WORST EMISSIONS

Range 1: Line-L1 .15 - 30MHz											
Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	T1310 IL L1	LC Cables 1&3	Limiter (dB)	Corrected Reading dBuV	CISPR 22 Class B QP	Margin (dB)	CISPR 22 Class B Avg	Margin (dB)
1	.17025	33.53	Qp	0	0	10.1	43.63	64.95	-21.32	-	-
2	.17025	15.53	Ca	0	0	10.1	25.63	-	-	54.95	-29.32
3	.25463	30.36	Qp	0	0	10.1	40.46	61.6	-21.14	-	-
4	.2535	12.39	Ca	0	0	10.1	22.49	-	-	51.64	-29.15
5	.81825	32.6	Qp	0	0	10.1	42.7	56	-13.3	-	-
6	.81712	19.77	Ca	0	0	10.1	29.87	-	-	46	-16.13
7	12.714	20.59	Qp	.1	.2	10.2	31.09	60	-28.91	-	-
8	12.71625	14.61	Ca	.1	.2	10.2	25.11	-	-	50	-24.89
9	13.56	55.48	Qp	.1	.2	10.2	65.98	60	5.98	-	-
10	13.56	53.19	Ca	.1	.2	10.2	63.69	-	-	50	13.69
11	14.406	20.33	Qp	0	.2	10.2	30.73	60	-29.27	-	-
12	14.40375	14.07	Ca	0	.2	10.2	24.47	-	-	50	-25.53

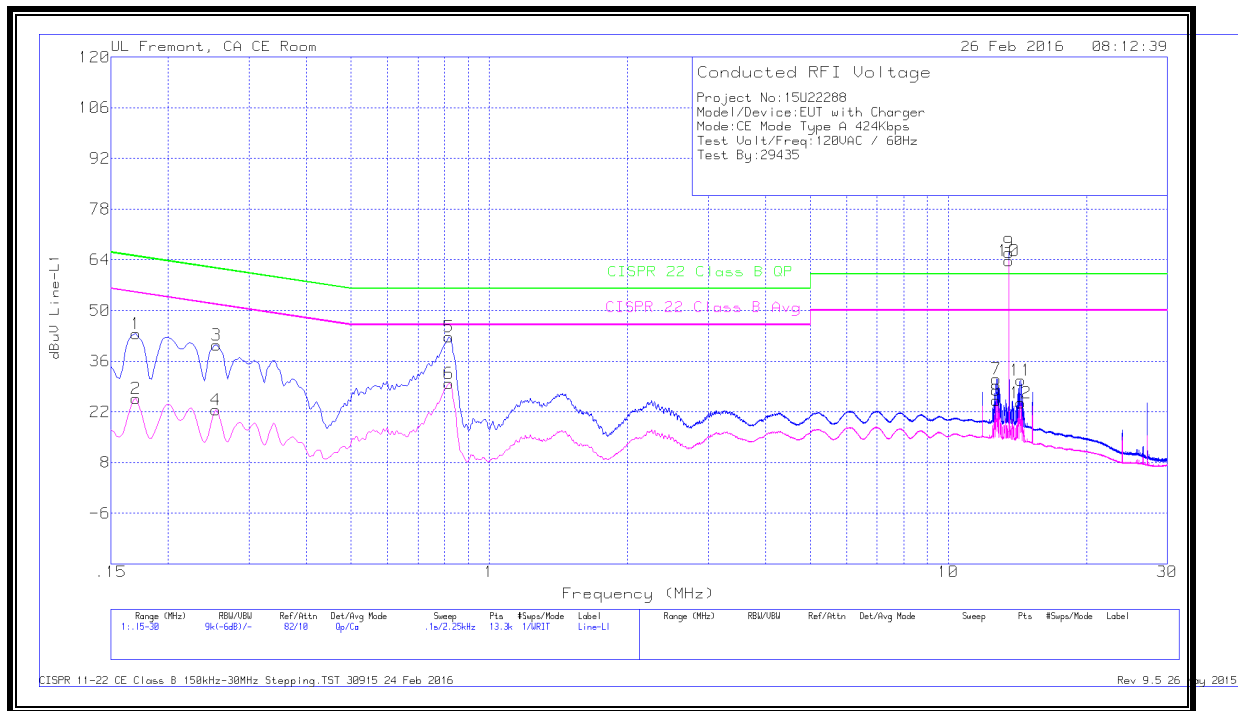
Range 2: Line-L2 .15 - 30MHz											
Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	T1310 IL L2	LC Cables 2&3	Limiter (dB)	Corrected Reading dBuV	CISPR 22 Class B QP	Margin (dB)	CISPR 22 Class B Avg	Margin (dB)
13	.17025	34.32	Qp	0	0	10.1	44.42	64.95	-20.53	-	-
14	.17025	16.17	Ca	0	0	10.1	26.27	-	-	54.95	-28.68
15	.25575	30.63	Qp	0	0	10.1	40.73	61.57	-20.84	-	-
16	.2535	13.65	Ca	0	0	10.1	23.75	-	-	51.64	-27.89
17	.81825	31.86	Qp	0	0	10.1	41.96	56	-14.04	-	-
18	.816	22.8	Ca	0	0	10.1	32.9	-	-	46	-13.1
19	12.8085	18.18	Qp	.1	.2	10.2	28.68	60	-31.32	-	-
20	12.8085	12.36	Ca	.1	.2	10.2	22.86	-	-	50	-27.14
21	13.56	52.18	Qp	.1	.2	10.2	62.68	60	2.68	-	-
22	13.56	51.55	Ca	.1	.2	10.2	62.05	-	-	50	12.05
23	14.406	17.85	Qp	.1	.2	10.2	28.35	60	-31.65	-	-
24	14.40263	12.4	Ca	.1	.2	10.2	22.9	-	-	50	-27.1

Qp - Quasi-Peak detector

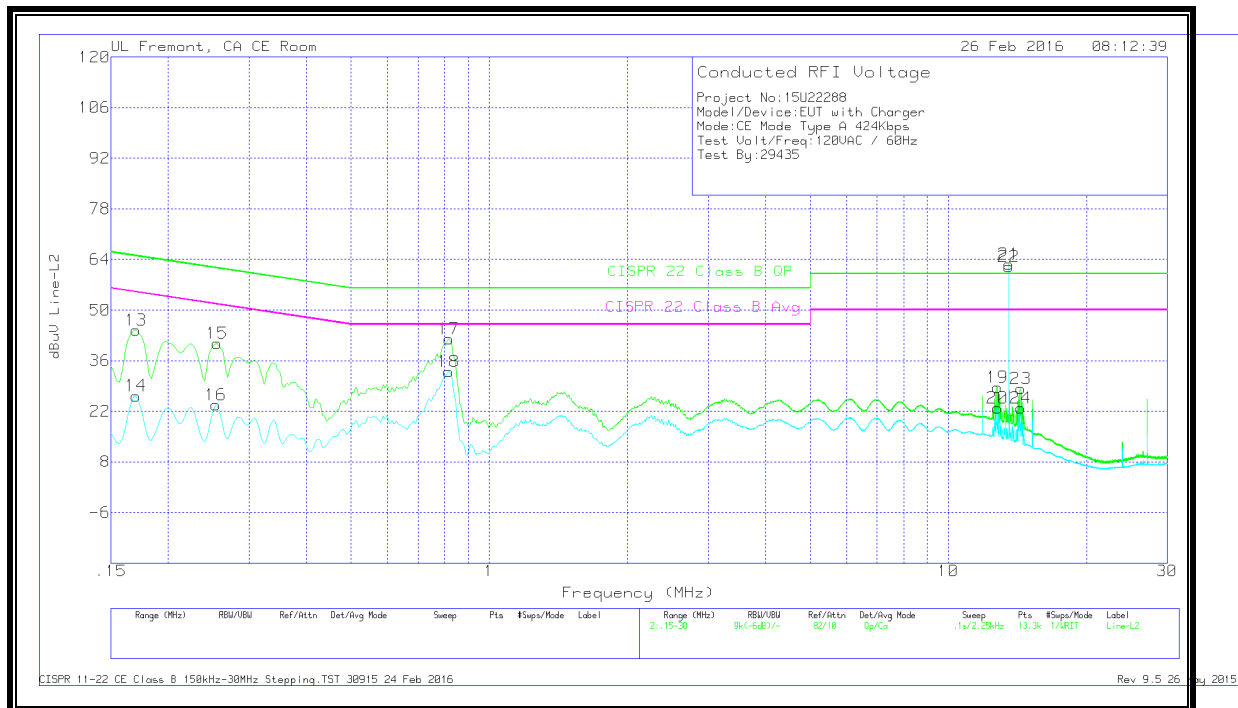
Ca - CISPR average detection

Note: 13.56MHz is a fundamental frequency of the EUT. Data under the following section indicate that when the antenna terminal is terminated the fundamental amplitude is lowering below the limit line.

LINE 1 RESULTS



LINE 2 RESULTS



10.1.4. WITH ANTENNA PORT TERMINATED 424KBPS

WORST EMISSIONS

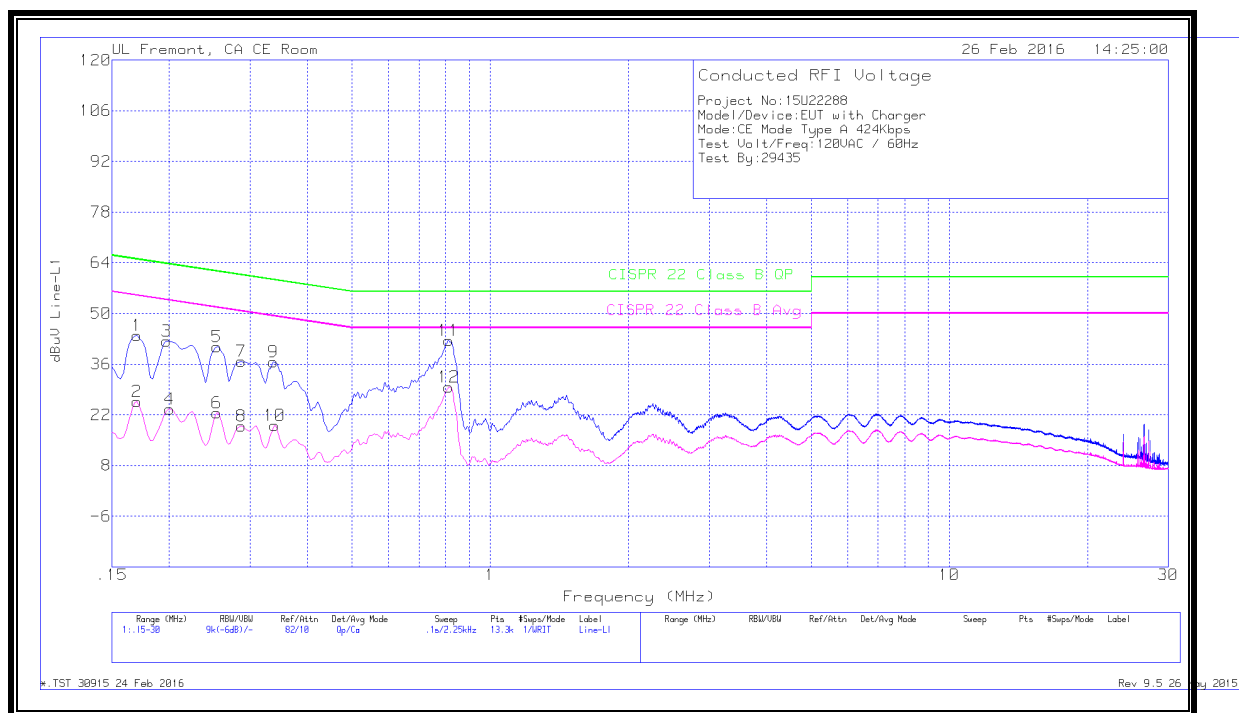
Range 1: Line-L1 .15 - 30MHz											
Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	T1310 IL L1	LC Cables 1&3	Limiter (dB)	Corrected Reading dBuV	CISPR 22 Class B QP	Margin (dB)	CISPR 22 Class B Avg	Margin (dB)
1	.17025	33.81	Qp	0	0	10.1	43.91	64.95	-21.04	-	-
2	.17025	15.57	Ca	0	0	10.1	25.67	-	-	54.95	-29.28
3	.19725	32.32	Qp	0	0	10.1	42.42	63.73	-21.31	-	-
4	.20063	13.41	Ca	0	0	10.1	23.51	-	-	53.58	-30.07
5	.2535	30.73	Qp	0	0	10.1	40.83	61.64	-20.81	-	-
6	.2535	12.42	Ca	0	0	10.1	22.52	-	-	51.64	-29.12
7	.28725	26.61	Qp	0	0	10.1	36.71	60.6	-23.89	-	-
8	.28725	8.81	Ca	0	0	10.1	18.91	-	-	50.6	-31.69
9	.33675	26.56	Qp	0	0	10.1	36.66	59.28	-22.62	-	-
10	.339	8.97	Ca	0	0	10.1	19.07	-	-	49.23	-30.16
11	.8115	32.47	Qp	0	0	10.1	42.57	56	-13.43	-	-
12	.8115	19.49	Ca	0	0	10.1	29.59	-	-	46	-16.41

Range 2: Line-L2 .15 - 30MHz											
Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	T1310 IL L2	LC Cables 2&3	Limiter (dB)	Corrected Reading dBuV	CISPR 22 Class B QP	Margin (dB)	CISPR 22 Class B Avg	Margin (dB)
13	.17025	34.54	Qp	0	0	10.1	44.64	64.95	-20.31	-	-
14	.17025	16.75	Ca	0	0	10.1	26.85	-	-	54.95	-28.1
15	.1995	30.95	Qp	0	0	10.1	41.05	63.63	-22.58	-	-
16	.1995	13.08	Ca	0	0	10.1	23.18	-	-	53.63	-30.45
17	.25575	30.9	Qp	0	0	10.1	41	61.57	-20.57	-	-
18	.2535	14.2	Ca	0	0	10.1	24.3	-	-	51.64	-27.34
19	.28725	26.91	Qp	0	0	10.1	37.01	60.6	-23.59	-	-
20	.28725	10.64	Ca	0	0	10.1	20.74	-	-	50.6	-29.86
21	.33675	25.76	Qp	0	0	10.1	35.86	59.28	-23.42	-	-
22	.339	10.13	Ca	0	0	10.1	20.23	-	-	49.23	-29
23	.81375	32.07	Qp	0	0	10.1	42.17	56	-13.83	-	-
24	.81375	22.89	Ca	0	0	10.1	32.99	-	-	46	-13.01

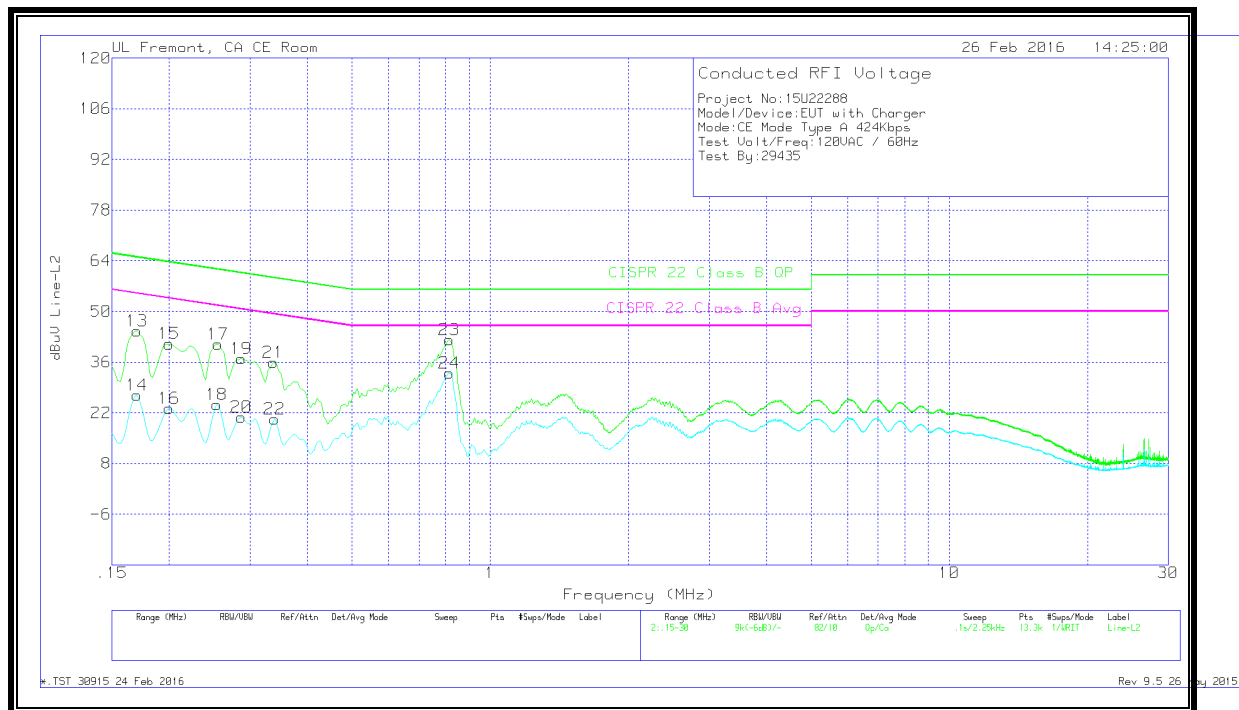
Qp - Quasi-Peak detector

Ca - CISPR average detection

LINE 1 RESULTS



LINE 2 RESULTS



10.1.5. NORMAL OPERATION 212KBPS

WORST EMISSIONS

Range 1: Line-L1 .15 - 30MHz											
Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	T24 IL L1	LC Cables 1&3	Limiter (dB)	Corrected Reading dBuV	CFR 47 Part 15 Class B QP	QP Margin (dB)	CFR 47 Part 15 Class B Avg	Av(CISPR) Margin (dB)
1	.168	32.67	Qp	1.2	0	10.1	43.97	65.06	-21.09	-	-
2	.168	15.99	Ca	1.2	0	10.1	27.29	-	-	55.06	-27.77
3	.19725	31.37	Qp	1	0	10.1	42.47	63.73	-21.26	-	-
4	.1995	14.37	Ca	.9	0	10.1	25.37	-	-	53.63	-28.26
5	.25125	29.77	Qp	.7	0	10.1	40.57	61.72	-21.15	-	-
6	.2535	14.15	Ca	.7	0	10.1	24.95	-	-	51.64	-26.69
7	.285	25.74	Qp	.6	0	10.1	36.44	60.67	-24.23	-	-
8	.285	10.48	Ca	.6	0	10.1	21.18	-	-	50.67	-29.49
9	.3345	25.65	Qp	.5	0	10.1	36.25	59.34	-23.09	-	-
10	.33675	11.01	Ca	.5	0	10.1	21.61	-	-	49.28	-27.67
11	.816	31.2	Qp	.3	0	10.1	41.6	56	-14.4	-	-
12	.816	22.86	Ca	.3	0	10.1	33.26	-	-	46	-12.74
13	13.56	46.69	Qp	.2	.2	10.2	57.29	60	-2.71	-	-
14	13.56	43.63	Ca	.2	.2	10.2	54.23	-	-	50	4.23

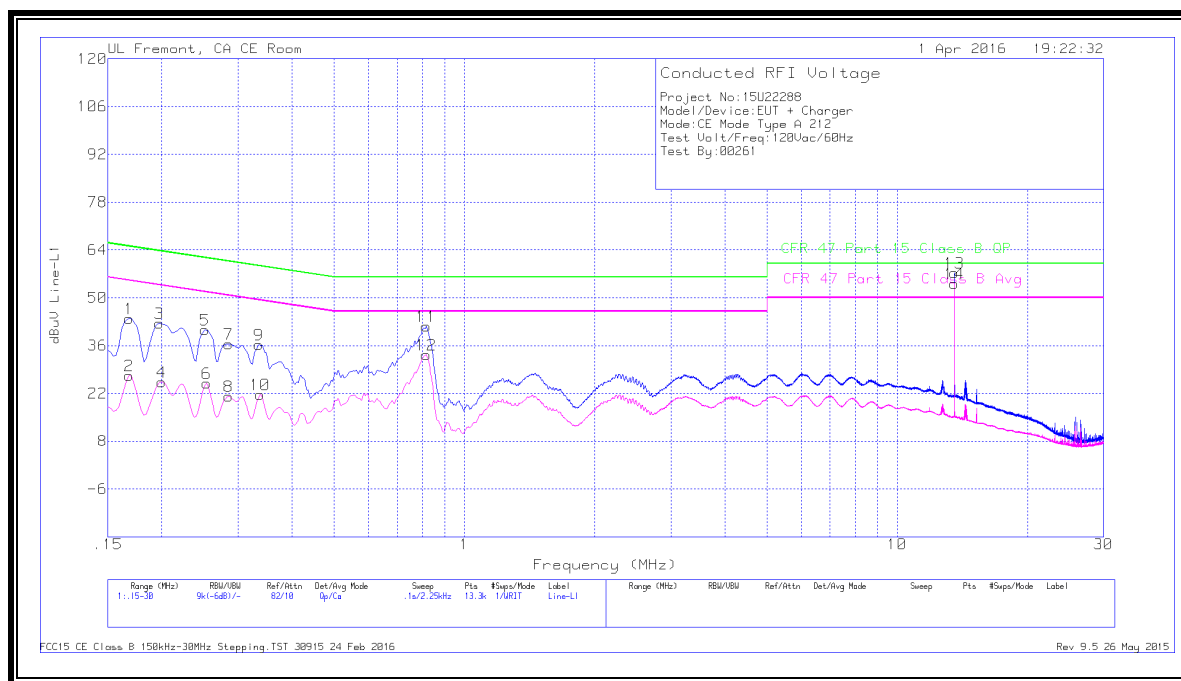
Range 2: Line-L2 .15 - 30MHz											
Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	T24 IL L2	LC Cables 2&3	Limiter (dB)	Corrected Reading dBuV	CFR 47 Part 15 Class B QP	QP Margin (dB)	CFR 47 Part 15 Class B Avg	Av(CISPR) Margin (dB)
15	.168	33.45	Qp	1.3	0	10.1	44.85	65.06	-20.21	-	-
16	.168	15.04	Ca	1.3	0	10.1	26.44	-	-	55.06	-28.62
17	.222	29.38	Qp	.9	0	10.1	40.38	62.74	-22.36	-	-
18	.222	10.89	Ca	.9	0	10.1	21.89	-	-	52.74	-30.85
19	.2535	30.28	Qp	.7	0	10.1	41.08	61.64	-20.56	-	-
20	.2535	11.82	Ca	.7	0	10.1	22.62	-	-	51.64	-29.02
21	.285	26.39	Qp	.6	0	10.1	37.09	60.67	-23.58	-	-
22	.285	8.19	Ca	.6	0	10.1	18.89	-	-	50.67	-31.78
23	.3345	25.34	Qp	.5	0	10.1	35.94	59.34	-23.4	-	-
24	.33675	7.26	Ca	.5	0	10.1	17.86	-	-	49.28	-31.42
25	.816	31.4	Qp	.3	0	10.1	41.8	56	-14.2	-	-
26	.816	16.93	Ca	.3	0	10.1	27.33	-	-	46	-18.67
27	13.56	46.38	Qp	.2	.2	10.2	56.98	60	-3.02	-	-
28	13.56	42.98	Ca	.2	.2	10.2	53.58	-	-	50	3.58

Qp - Quasi-Peak detector

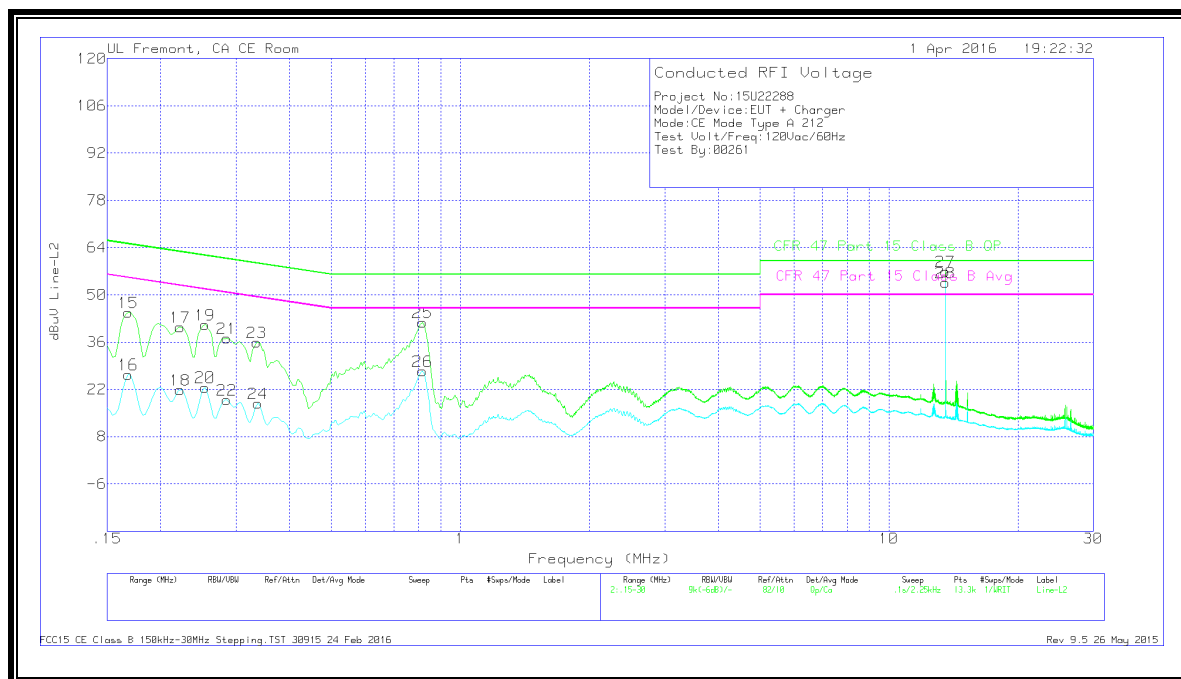
Ca - CISPR average detection

Note: 13.56MHz is a fundamental frequency of the EUT. Data under the following section indicate that when the antenna terminal is terminated the fundamental amplitude is lowering below the limit line.

LINE 1 RESULTS



LINE 2 RESULTS



10.1.6. WITH ANTENNA PORT TERMINATED 212KBPS

WORST EMISSIONS

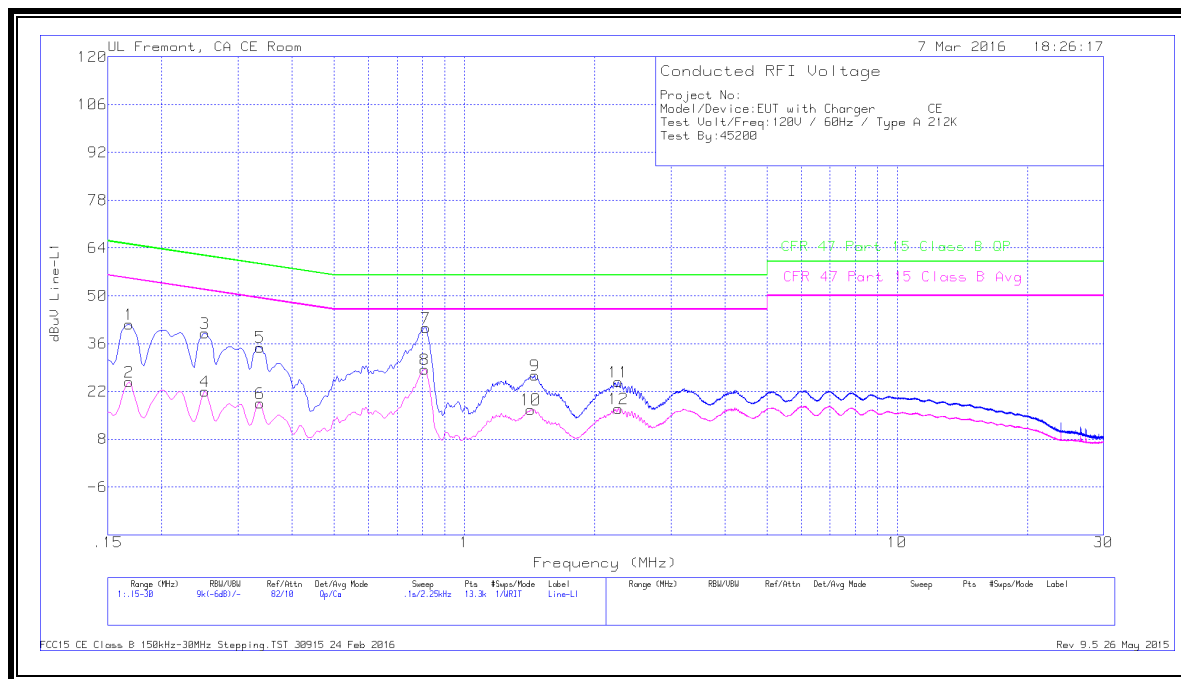
Range 1: Line-L1 .15 - 30MHz											
Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	T1310 IL L1	LC Cables 1&3	Limiter (dB)	Corrected Reading dBuV	CFR 47 Part 15 Class B QP	QP Margin (dB)	CFR 47 Part 15 Class B Avg	Av(CISPR) Margin (dB)
1	.168	31.51	Qp	0	0	10.1	41.61	65.06	-23.45	-	-
2	.168	14.67	Ca	0	0	10.1	24.77	-	-	55.06	-30.29
3	.25125	28.98	Qp	0	0	10.1	39.08	61.72	-22.64	-	-
4	.25125	11.95	Ca	0	0	10.1	22.05	-	-	51.72	-29.67
5	.33675	24.86	Qp	0	0	10.1	34.96	59.28	-24.32	-	-
6	.33675	8.5	Ca	0	0	10.1	18.6	-	-	49.28	-30.68
7	.81375	30.58	Qp	0	0	10.1	40.68	56	-15.32	-	-
8	.80925	18.4	Ca	0	0	10.1	28.5	-	-	46	-17.5
9	1.45275	16.46	Qp	0	.1	10.1	26.66	56	-29.34	-	-
10	1.4235	6.51	Ca	0	.1	10.1	16.71	-	-	46	-29.29
11	2.26725	14.53	Qp	0	.1	10.1	24.73	56	-31.27	-	-
12	2.27175	6.8	Ca	0	.1	10.1	17	-	-	46	-29

Range 2: Line-L2 .15 - 30MHz											
Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	T1310 IL L2	LC Cables 2&3	Limiter (dB)	Corrected Reading dBuV	CFR 47 Part 15 Class B QP	QP Margin (dB)	CFR 47 Part 15 Class B Avg	Av(CISPR) Margin (dB)
13	.168	32.51	Qp	0	0	10.1	42.61	65.06	-22.45	-	-
14	.168	15.76	Ca	0	0	10.1	25.86	-	-	55.06	-29.2
15	.2535	29.32	Qp	0	0	10.1	39.42	61.64	-22.22	-	-
16	.25125	13.7	Ca	0	0	10.1	23.8	-	-	51.72	-27.92
17	.33675	24.57	Qp	0	0	10.1	34.67	59.28	-24.61	-	-
18	.3345	9.94	Ca	0	0	10.1	20.04	-	-	49.34	-29.3
19	.81375	29.82	Qp	0	0	10.1	39.92	56	-16.08	-	-
20	.8115	22.26	Ca	0	0	10.1	32.36	-	-	46	-13.64
21	1.4505	17.02	Qp	0	.1	10.1	27.22	56	-28.78	-	-
22	1.44938	10.9	Ca	0	.1	10.1	21.1	-	-	46	-24.9
23	2.2695	15.82	Qp	0	.1	10.1	26.02	56	-29.98	-	-
24	2.2695	10.74	Ca	0	.1	10.1	20.94	-	-	46	-25.06

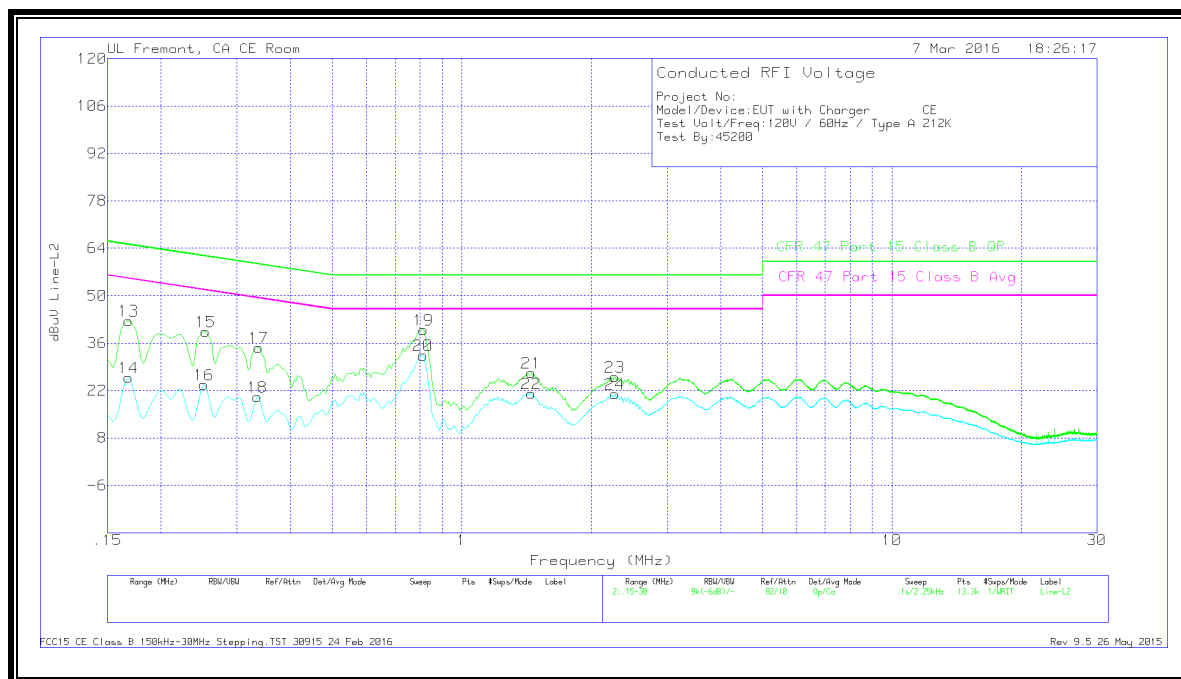
Qp - Quasi-Peak detector

Ca - CISPR average detection

LINE 1 RESULTS



LINE 2 RESULTS



10.1.7. NORMAL OPERATION 106KBPS

WORST EMISSIONS

Range 1: Line-L1 .15 - 30MHz											
Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	T24 IL L1	LC Cables 1&3	Limiter (dB)	Corrected Reading dBuV	CFR 47 Part 15 Class B QP	QP Margin (dB)	CFR 47 Part 15 Class B Avg	Av(CISPR) Margin (dB)
1	.168	33.18	Qp	1.2	0	10.1	44.48	65.06	-20.58	-	-
2	.17025	16.14	Ca	1.2	0	10.1	27.44	-	-	54.95	-27.51
3	.19725	31.61	Qp	1	0	10.1	42.71	63.73	-21.02	-	-
4	.20175	14.56	Ca	.9	0	10.1	25.56	-	-	53.54	-27.98
5	.2535	30.22	Qp	.7	0	10.1	41.02	61.64	-20.62	-	-
6	.2535	14.24	Ca	.7	0	10.1	25.04	-	-	51.64	-26.6
7	.28725	26.35	Qp	.6	0	10.1	37.05	60.6	-23.55	-	-
8	.28725	10.76	Ca	.6	0	10.1	21.46	-	-	50.6	-29.14
9	.33675	26.18	Qp	.5	0	10.1	36.78	59.28	-22.5	-	-
10	.339	11.18	Ca	.5	0	10.1	21.78	-	-	49.23	-27.45
11	.81375	31.35	Qp	.3	0	10.1	41.75	56	-14.25	-	-
12	.81375	22.88	Ca	.3	0	10.1	33.28	-	-	46	-12.72
13	13.56	46.21	Qp	.2	.2	10.2	56.81	60	-3.19	-	-
14	13.56	43.14	Ca	.2	.2	10.2	53.74	-	-	50	3.74

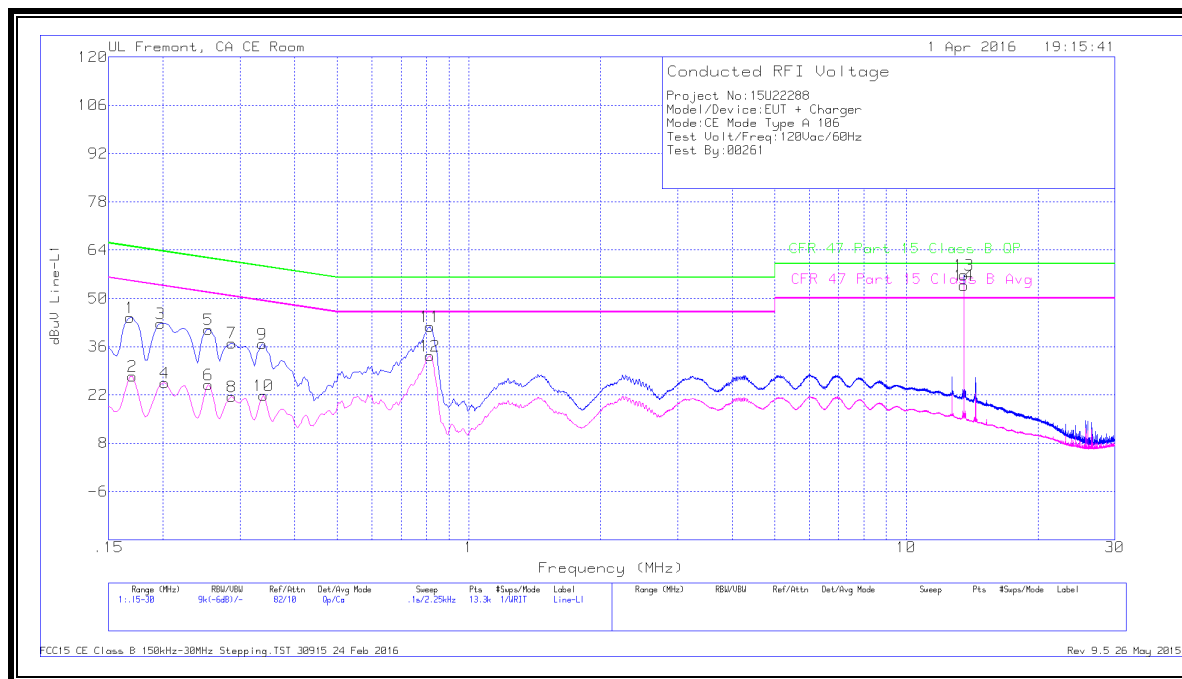
Range 2: Line-L2 .15 - 30MHz											
Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	T24 IL L2	LC Cables 2&3	Limiter (dB)	Corrected Reading dBuV	CFR 47 Part 15 Class B QP	QP Margin (dB)	CFR 47 Part 15 Class B Avg	Av(CISPR) Margin (dB)
15	.17025	34.11	Qp	1.2	0	10.1	45.41	64.95	-19.54	-	-
16	.17025	15.89	Ca	1.2	0	10.1	27.19	-	-	54.95	-27.76
17	.222	29.78	Qp	.9	0	10.1	40.78	62.74	-21.96	-	-
18	.222	11.33	Ca	.9	0	10.1	22.33	-	-	52.74	-30.41
19	.2535	30.81	Qp	.7	0	10.1	41.61	61.64	-20.03	-	-
20	.2535	12.51	Ca	.7	0	10.1	23.31	-	-	51.64	-28.33
21	.28725	26.94	Qp	.6	0	10.1	37.64	60.6	-22.96	-	-
22	.28725	8.61	Ca	.6	0	10.1	19.31	-	-	50.6	-31.29
23	.33675	25.79	Qp	.5	0	10.1	36.39	59.28	-22.89	-	-
24	.33675	7.74	Ca	.5	0	10.1	18.34	-	-	49.28	-30.94
25	.8205	31.53	Qp	.3	0	10.1	41.93	56	-14.07	-	-
26	.81375	16.99	Ca	.3	0	10.1	27.39	-	-	46	-18.61
27	13.56	45.83	Qp	.2	.2	10.2	56.43	60	-3.57	-	-
28	13.56	42.33	Ca	.2	.2	10.2	52.93	-	-	50	2.93

Qp - Quasi-Peak detector

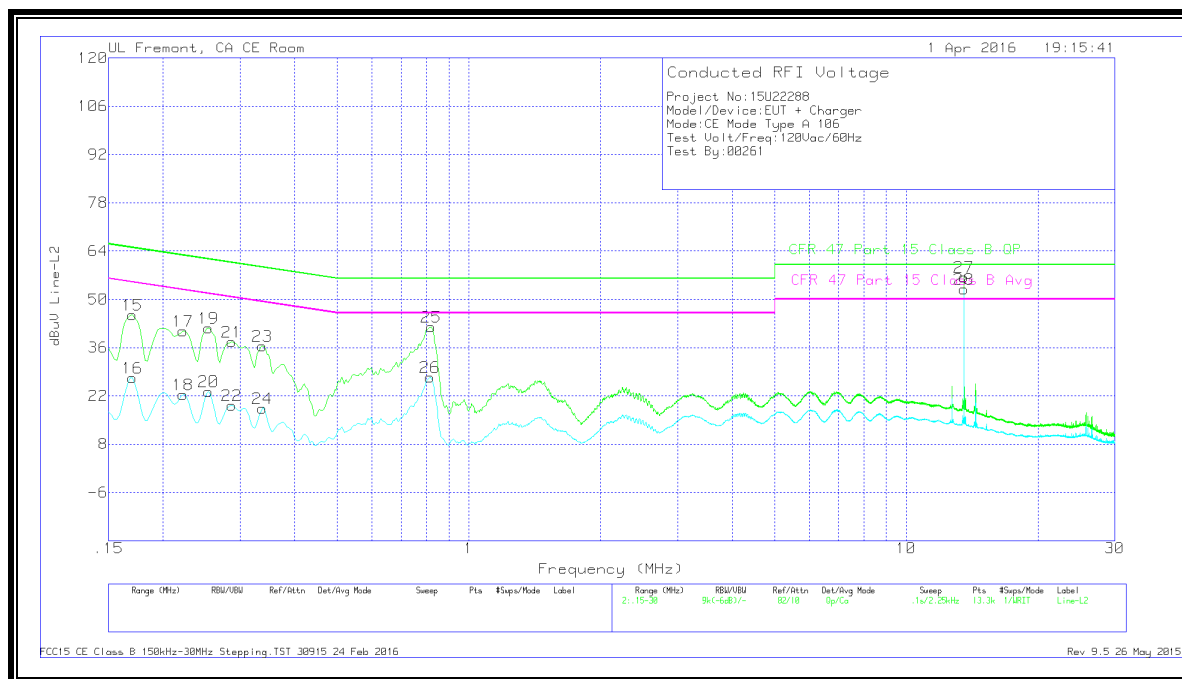
Ca - CISPR average detection

Note: 13.56MHz is a fundamental frequency of the EUT. Data under the following section indicate that when the antenna terminal is terminated the fundamental amplitude is lowering below the limit line.

LINE 1 RESULTS



LINE 2 RESULTS



10.1.8. WITH ANTENNA PORT TERMINATED 106KBPS

WORST EMISSIONS

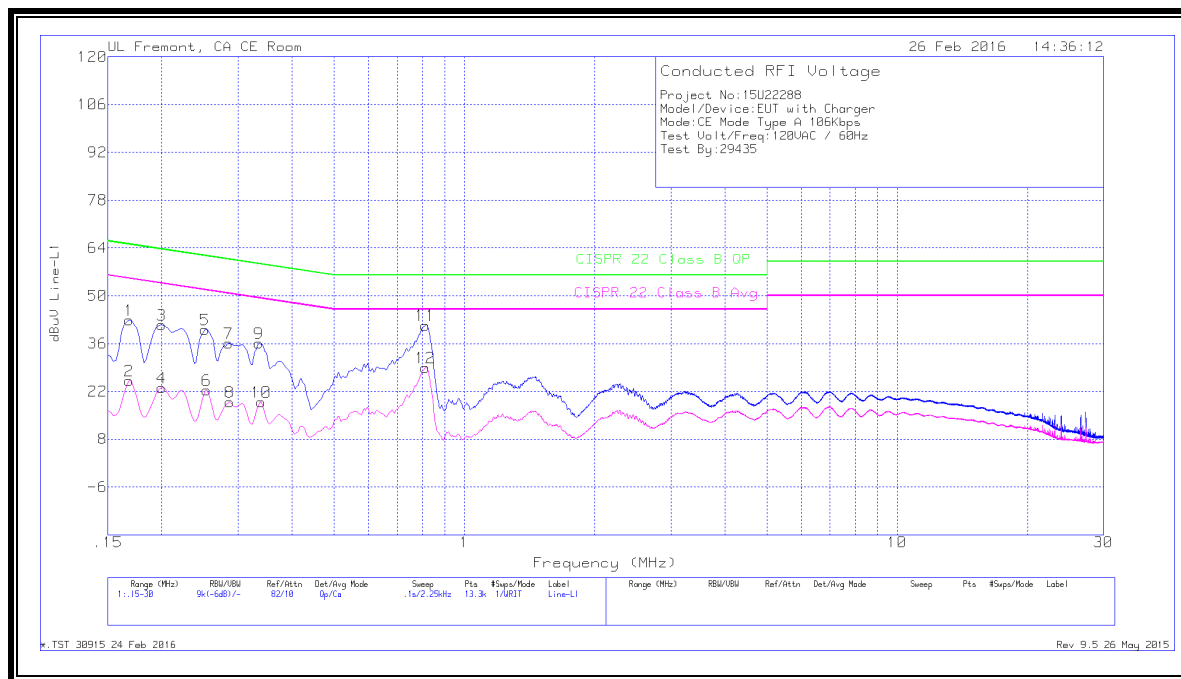
Range 1: Line-L1 .15 - 30MHz											
Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	T1310 IL L1	LC Cables 1&3	Limiter (dB)	Corrected Reading dBuV	CISPR 22 Class B QP	Margin (dB)	CISPR 22 Class B Avg	Margin (dB)
1	.168	32.79	Qp	0	0	10.1	42.89	65.06	-22.17	-	-
2	.168	15.04	Ca	0	0	10.1	25.14	-	-	55.06	-29.92
3	.1995	31.36	Qp	0	0	10.1	41.46	63.63	-22.17	-	-
4	.1995	13	Ca	0	0	10.1	23.1	-	-	53.63	-30.53
5	.25125	30.01	Qp	0	0	10.1	40.11	61.72	-21.61	-	-
6	.2535	12.28	Ca	0	0	10.1	22.38	-	-	51.64	-29.26
7	.285	26.05	Qp	0	0	10.1	36.15	60.67	-24.52	-	-
8	.28725	8.72	Ca	0	0	10.1	18.82	-	-	50.6	-31.78
9	.3345	25.96	Qp	0	0	10.1	36.06	59.34	-23.28	-	-
10	.339	8.75	Ca	0	0	10.1	18.85	-	-	49.23	-30.38
11	.8115	31.29	Qp	0	0	10.1	41.39	56	-14.61	-	-
12	.8115	18.86	Ca	0	0	10.1	28.96	-	-	46	-17.04

Range 2: Line-L2 .15 - 30MHz											
Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	T1310 IL L2	LC Cables 2&3	Limiter (dB)	Corrected Reading dBuV	CISPR 22 Class B QP	Margin (dB)	CISPR 22 Class B Avg	Margin (dB)
13	.16913	33.64	Qp	0	0	10.1	43.74	65	-21.26	-	-
14	.168	16.09	Ca	0	0	10.1	26.19	-	-	55.06	-28.87
15	.19725	30.05	Qp	0	0	10.1	40.15	63.73	-23.58	-	-
16	.1995	12.35	Ca	0	0	10.1	22.45	-	-	53.63	-31.18
17	.2535	30.24	Qp	0	0	10.1	40.34	61.64	-21.3	-	-
18	.2535	13.79	Ca	0	0	10.1	23.89	-	-	51.64	-27.75
19	.285	26.12	Qp	0	0	10.1	36.22	60.67	-24.45	-	-
20	.28725	10.09	Ca	0	0	10.1	20.19	-	-	50.6	-30.41
21	.3345	25.19	Qp	0	0	10.1	35.29	59.34	-24.05	-	-
22	.33675	9.72	Ca	0	0	10.1	19.82	-	-	49.28	-29.46
23	.81825	31.38	Qp	0	0	10.1	41.48	56	-14.52	-	-
24	.816	22.51	Ca	0	0	10.1	32.61	-	-	46	-13.39

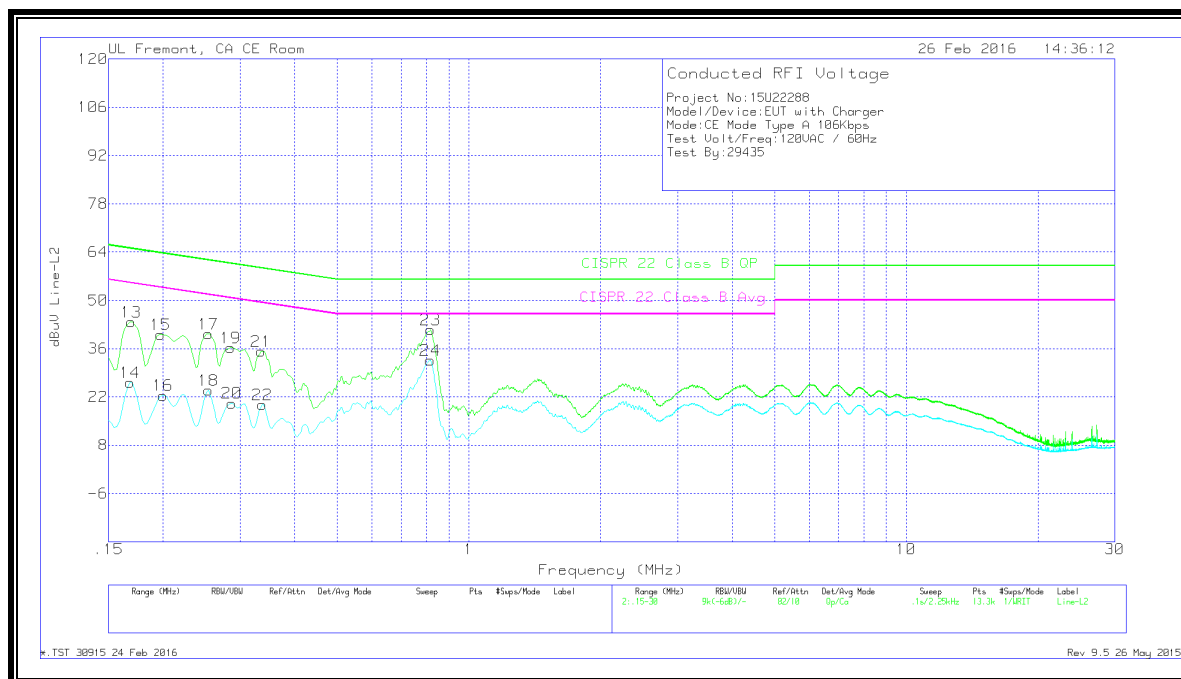
Qp - Quasi-Peak detector

Ca - CISPR average detection

LINE 1 RESULTS



LINE 2 RESULTS



10.2. CE MODE TYPE B

10.2.1. NORMAL OPERATION 848KBPS

848 KBPS

6 WORST EMISSIONS

Range 1: Line-L1 .15 - 30MHz											
Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	T1310 IL L1	LC Cables 1&3	Limiter (dB)	Corrected Reading dBuV	CISPR 22 Class B QP	Margin (dB)	CISPR 22 Class B Avg	Margin (dB)
1	.17025	33.9	Qp	0	0	10.1	44	64.95	-20.95	-	-
2	.17025	15.55	Ca	0	0	10.1	25.65	-	-	54.95	-29.3
3	.25463	30.59	Qp	0	0	10.1	40.69	61.6	-20.91	-	-
4	.25575	12.17	Ca	0	0	10.1	22.27	-	-	51.57	-29.3
5	.81712	32.45	Qp	0	0	10.1	42.55	56	-13.45	-	-
6	.81825	19.1	Ca	0	0	10.1	29.2	-	-	46	-16.8
7	12.71175	31.68	Qp	.1	.2	10.2	42.18	60	-17.82	-	-
8	12.71175	22.87	Ca	.1	.2	10.2	33.37	-	-	50	-16.63
9	13.56	59.4	Qp	.1	.2	10.2	69.9	60	9.9	-	-
10	13.56	57.07	Ca	.1	.2	10.2	67.57	-	-	50	17.57
11	14.406	31.22	Qp	0	.2	10.2	41.62	60	-18.38	-	-
12	14.40825	22.52	Ca	0	.2	10.2	32.92	-	-	50	-17.08

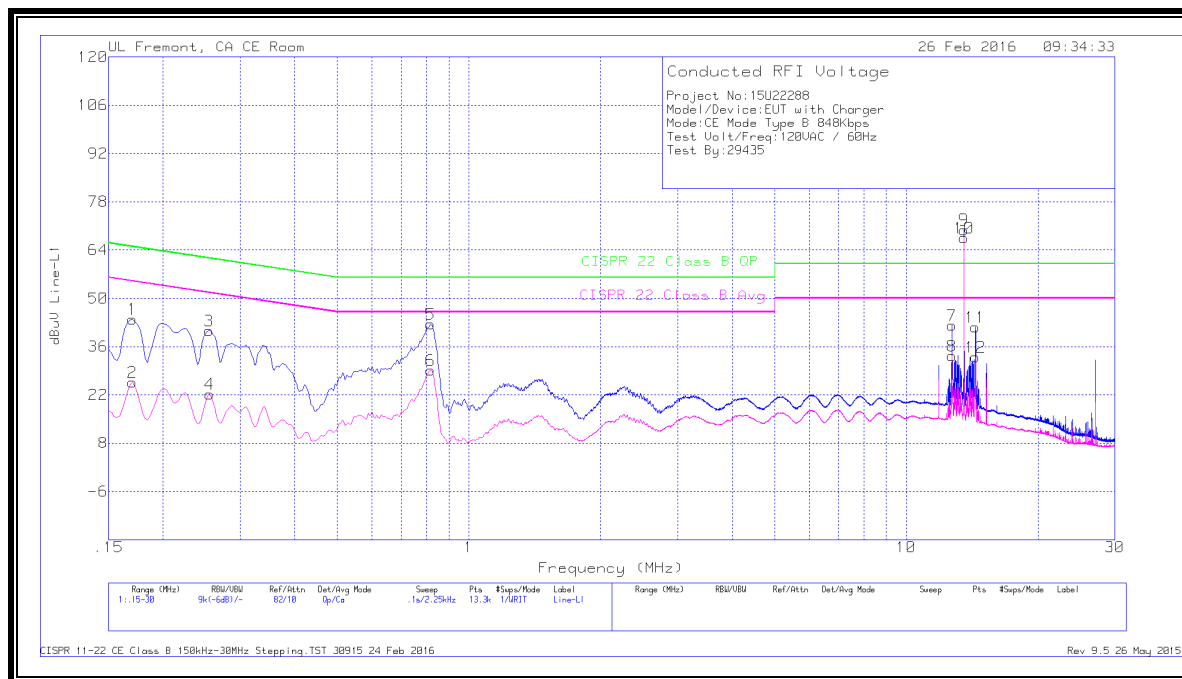
Range 2: Line-L2 .15 - 30MHz											
Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	T1310 IL L2	LC Cables 2&3	Limiter (dB)	Corrected Reading dBuV	CISPR 22 Class B QP	Margin (dB)	CISPR 22 Class B Avg	Margin (dB)
13	.17025	34.73	Qp	0	0	10.1	44.83	64.95	-20.12	-	-
14	.17025	16.82	Ca	0	0	10.1	26.92	-	-	54.95	-28.03
15	.25575	30.96	Qp	0	0	10.1	41.06	61.57	-20.51	-	-
16	.2535	13.93	Ca	0	0	10.1	24.03	-	-	51.64	-27.61
17	.81825	31.8	Qp	0	0	10.1	41.9	56	-14.1	-	-
18	.816	22.31	Ca	0	0	10.1	32.41	-	-	46	-13.59
19	12.71175	29.2	Qp	.1	.2	10.2	39.7	60	-20.3	-	-
20	12.71175	21.34	Ca	.1	.2	10.2	31.84	-	-	50	-18.16
21	13.56	56.2	Qp	.1	.2	10.2	66.7	60	6.7	-	-
22	13.56	55.55	Ca	.1	.2	10.2	66.05	-	-	50	16.05
23	14.406	28.54	Qp	.1	.2	10.2	39.04	60	-20.96	-	-
24	14.40825	20.93	Ca	.1	.2	10.2	31.43	-	-	50	-18.57

Qp - Quasi-Peak detector

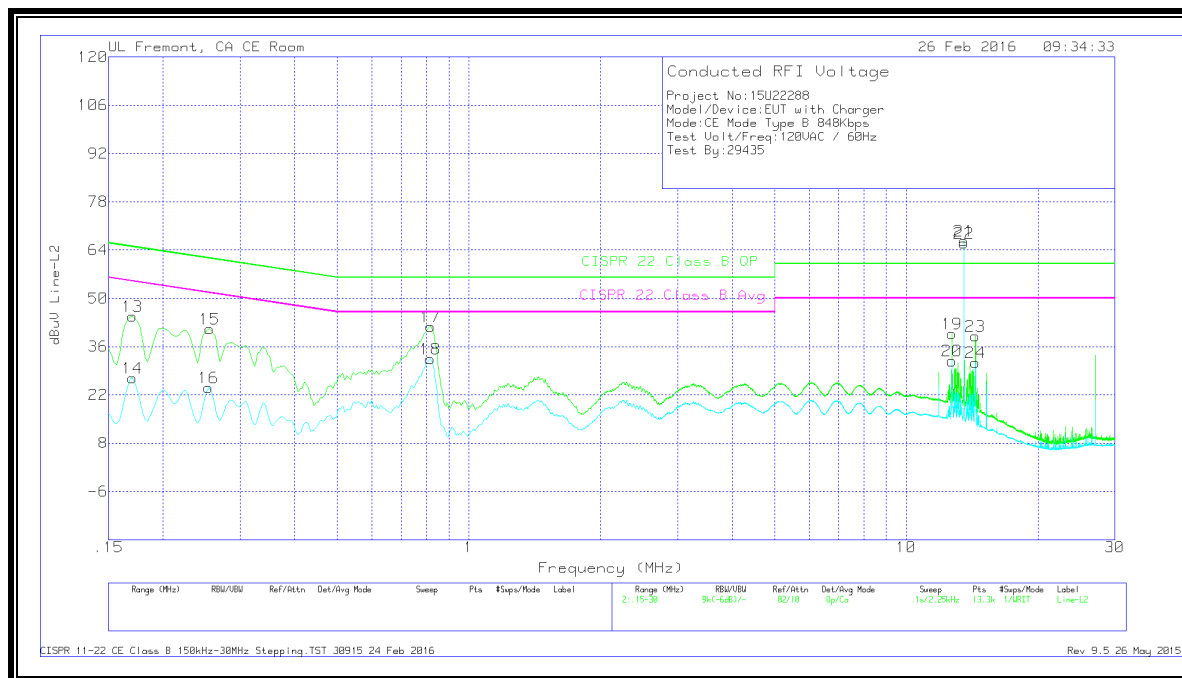
Ca - CISPR average detection

Note: 13.56MHz is a fundamental frequency of the EUT. Data under the following section indicate that when the antenna terminal is terminated the fundamental amplitude is lowering below the limit line.

LINE 1 RESULTS



LINE 2 RESULTS



10.2.2. WITH ANTENNA PORT TERMINATED 848KBPS

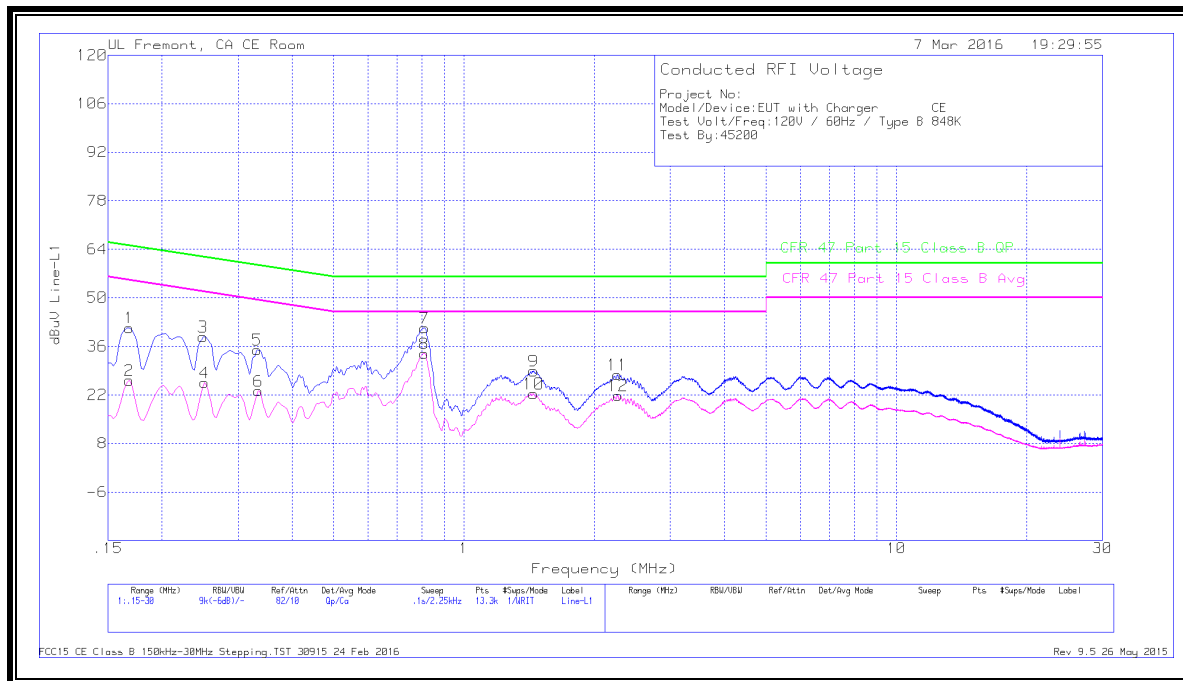
WORST EMISSIONS

Range 1: Line-L1 .15 - 30MHz											
Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	T1310 IL L1	LC Cables 1&3	Limiter (dB)	Corrected Reading dBuV	CFR 47 Part 15 Class B QP	QP Margin (dB)	CFR 47 Part 15 Class B Avg	Av(CISPR) Margin (dB)
1	.168	31.26	Qp	0	0	10.1	41.36	65.06	-23.7	-	-
2	.168	16.07	Ca	0	0	10.1	26.17	-	-	55.06	-28.89
3	.249	28.66	Qp	0	0	10.1	38.76	61.79	-23.03	-	-
4	.25125	15.46	Ca	0	0	10.1	25.56	-	-	51.72	-26.16
5	.33225	24.9	Qp	0	0	10.1	35	59.39	-24.39	-	-
6	.3345	13.05	Ca	0	0	10.1	23.15	-	-	49.34	-26.19
7	.81037	31.16	Qp	0	0	10.1	41.26	56	-14.74	-	-
8	.80925	23.84	Ca	0	0	10.1	33.94	-	-	46	-12.06
9	1.44825	18.7	Qp	0	.1	10.1	28.9	56	-27.1	-	-
10	1.44825	12.14	Ca	0	.1	10.1	22.34	-	-	46	-23.66
11	2.265	17.61	Qp	0	.1	10.1	27.81	56	-28.19	-	-
12	2.2695	11.64	Ca	0	.1	10.1	21.84	-	-	46	-24.16

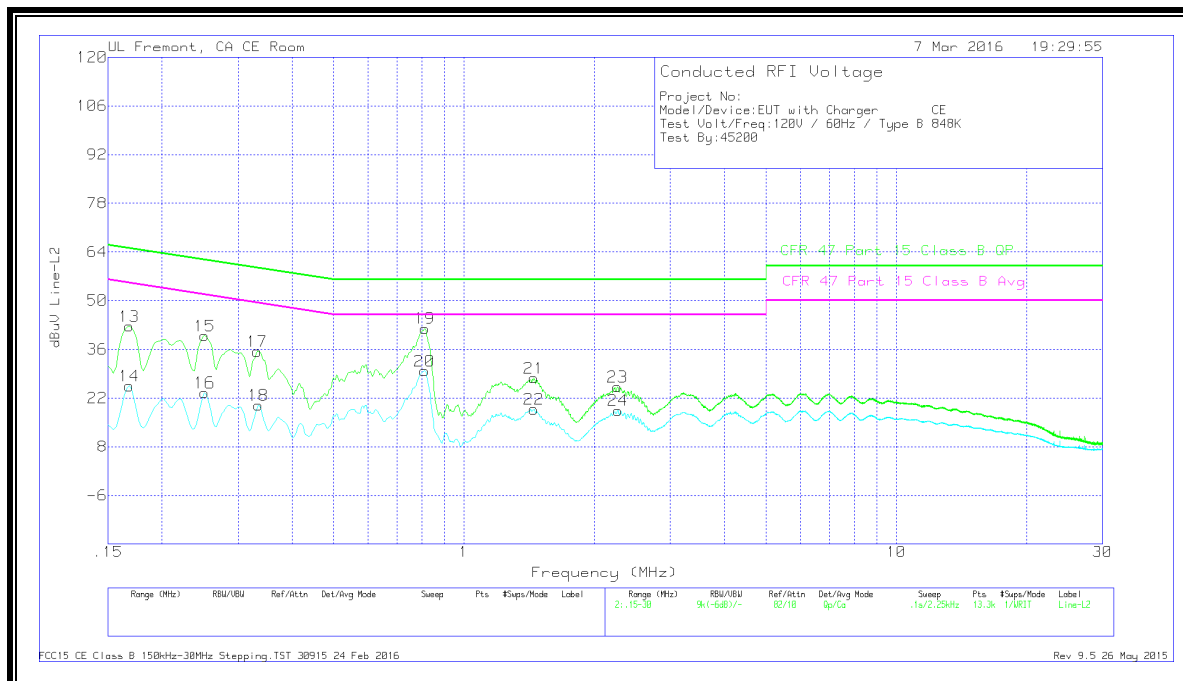
Range 2: Line-L2 .15 - 30MHz											
Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	T1310 IL L2	LC Cables 2&3	Limiter (dB)	Corrected Reading dBuV	CFR 47 Part 15 Class B QP	QP Margin (dB)	CFR 47 Part 15 Class B Avg	Av(CISPR) Margin (dB)
13	.168	32.51	Qp	0	0	10.1	42.61	65.06	-22.45	-	-
14	.168	15.39	Ca	0	0	10.1	25.49	-	-	55.06	-29.57
15	.25125	29.79	Qp	0	0	10.1	39.89	61.72	-21.83	-	-
16	.25125	13.46	Ca	0	0	10.1	23.56	-	-	51.72	-28.16
17	.33225	25.31	Qp	0	0	10.1	35.41	59.39	-23.98	-	-
18	.3345	9.84	Ca	0	0	10.1	19.94	-	-	49.34	-29.4
19	.8115	31.96	Qp	0	0	10.1	42.06	56	-13.94	-	-
20	.81037	19.7	Ca	0	0	10.1	29.8	-	-	46	-16.2
21	1.4505	17.57	Qp	0	.1	10.1	27.77	56	-28.23	-	-
22	1.4505	8.6	Ca	0	.1	10.1	18.8	-	-	46	-27.2
23	2.265	15.03	Qp	0	.1	10.1	25.23	56	-30.77	-	-
24	2.27063	8.24	Ca	0	.1	10.1	18.44	-	-	46	-27.56

Qp - Quasi-Peak detector

LINE 1 RESULTS



LINE 2 RESULTS



10.2.1. NORMAL OPERATION 424KBPS

6 WORST EMISSIONS

Range 1: Line-L1 .15 - 30MHz											
Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	T1310 IL L1	LC Cables 1&3	Limiter (dB)	Corrected Reading dBuV	CISPR 22 Class B QP	Margin (dB)	CISPR 22 Class B Avg	Margin (dB)
1	.17025	33.65	Qp	0	0	10.1	43.75	64.95	-21.2	-	-
2	.17025	15.21	Ca	0	0	10.1	25.31	-	-	54.95	-29.64
3	.19725	32.21	Qp	0	0	10.1	42.31	63.73	-21.42	-	-
4	.20175	13.22	Ca	0	0	10.1	23.32	-	-	53.54	-30.22
5	.8115	32.01	Qp	0	0	10.1	42.11	56	-13.89	-	-
6	.81712	19.39	Ca	0	0	10.1	29.49	-	-	46	-16.51
7	12.71175	25.89	Qp	.1	.2	10.2	36.39	60	-23.61	-	-
8	12.71625	18.45	Ca	.1	.2	10.2	28.95	-	-	50	-21.05
9	13.56	56.62	Qp	.1	.2	10.2	67.12	60	7.12	-	-
10	13.56	54.28	Ca	.1	.2	10.2	64.78	-	-	50	14.78
11	14.40825	25.51	Qp	0	.2	10.2	35.91	60	-24.09	-	-
12	14.40375	18	Ca	0	.2	10.2	28.4	-	-	50	-21.6

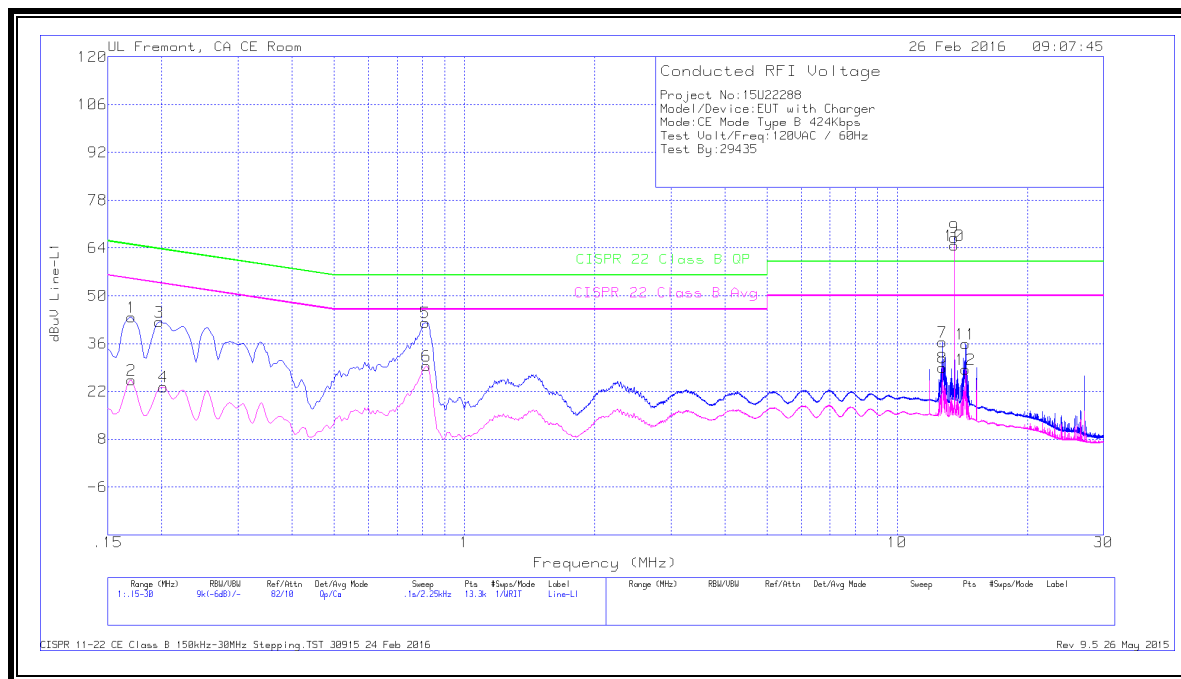
Range 2: Line-L2 .15 - 30MHz											
Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	T1310 IL L2	LC Cables 2&3	Limiter (dB)	Corrected Reading dBuV	CISPR 22 Class B QP	Margin (dB)	CISPR 22 Class B Avg	Margin (dB)
13	.17025	34.29	Qp	0	0	10.1	44.39	64.95	-20.56	-	-
14	.17025	16.55	Ca	0	0	10.1	26.65	-	-	54.95	-28.3
15	.19725	31.1	Qp	0	0	10.1	41.2	63.73	-22.53	-	-
16	.1995	13.11	Ca	0	0	10.1	23.21	-	-	53.63	-30.42
17	.816	31.63	Qp	0	0	10.1	41.73	56	-14.27	-	-
18	.816	22.85	Ca	0	0	10.1	32.95	-	-	46	-13.05
19	12.71175	23.59	Qp	.1	.2	10.2	34.09	60	-25.91	-	-
20	12.71625	16.77	Ca	.1	.2	10.2	27.27	-	-	50	-22.73
21	13.56	53.23	Qp	.1	.2	10.2	63.73	60	3.73	-	-
22	13.56	52.6	Ca	.1	.2	10.2	63.1	-	-	50	13.1
23	14.40825	23.02	Qp	.1	.2	10.2	33.52	60	-26.48	-	-
24	14.40375	16.21	Ca	.1	.2	10.2	26.71	-	-	50	-23.29

Qp - Quasi-Peak detector

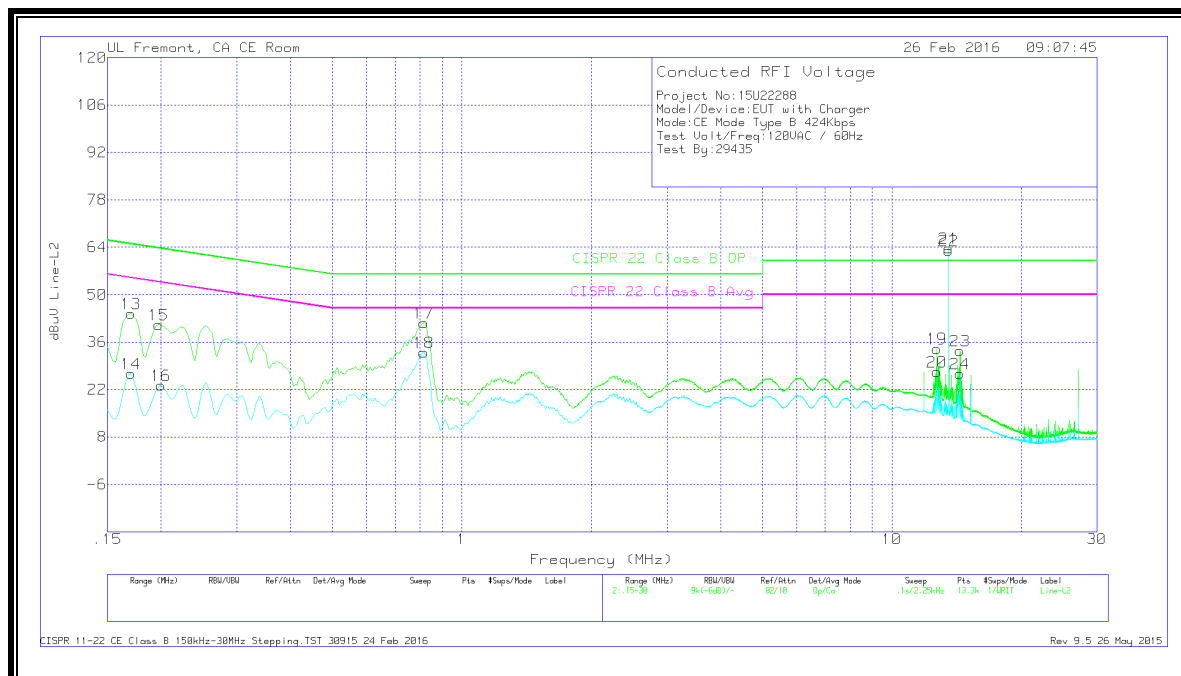
Ca - CISPR average detection

Note: 13.56MHz is a fundamental frequency of the EUT. Data under the following section indicate that when the antenna terminal is terminated the fundamental amplitude is lowering below the limit line.

LINE 1 RESULTS



LINE 2 RESULTS



10.2.2. WITH ANTENNA PORT TERMINATED 424KBPS

WORST EMISSIONS

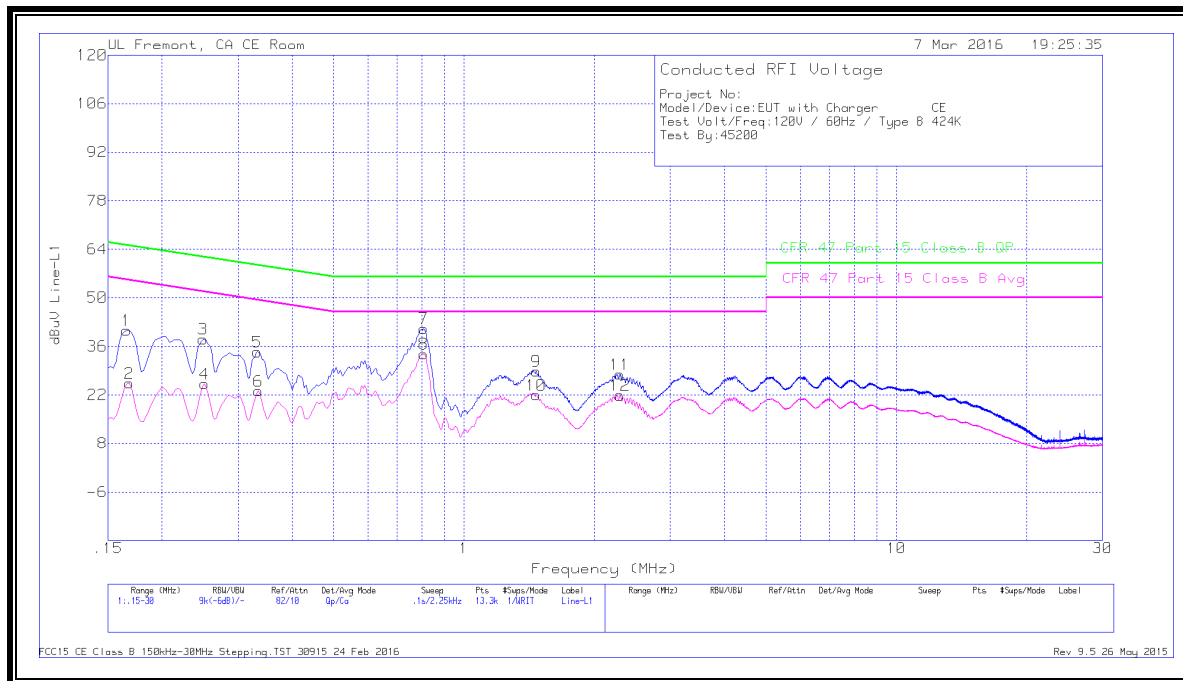
Range 1: Line-L1 .15 - 30MHz											
Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	T1310 IL L1	LC Cables 1&3	Limiter (dB)	Corrected Reading dBuV	CFR 47 Part 15 Class B QP	QP Margin (dB)	CFR 47 Part 15 Class B Avg	Av(CISPR) Margin (dB)
1	.16575	30.52	Qp	0	0	10.1	40.62	65.17	-24.55	-	-
2	.168	15.26	Ca	0	0	10.1	25.36	-	-	55.06	-29.7
3	.249	28.01	Qp	0	0	10.1	38.11	61.79	-23.68	-	-
4	.25125	15.07	Ca	0	0	10.1	25.17	-	-	51.72	-26.55
5	.33225	24.29	Qp	0	0	10.1	34.39	59.39	-25	-	-
6	.3345	13.05	Ca	0	0	10.1	23.15	-	-	49.34	-26.19
7	.807	31.06	Qp	0	0	10.1	41.16	56	-14.84	-	-
8	.807	23.73	Ca	0	0	10.1	33.83	-	-	46	-12.17
9	1.4685	18.62	Qp	0	.1	10.1	28.82	56	-27.18	-	-
10	1.4685	11.73	Ca	0	.1	10.1	21.93	-	-	46	-24.07
11	2.29425	17.73	Qp	0	.1	10.1	27.93	56	-28.07	-	-
12	2.29425	11.68	Ca	0	.1	10.1	21.88	-	-	46	-24.12

Range 2: Line-L2 .15 - 30MHz											
Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	T1310 IL L2	LC Cables 2&3	Limiter (dB)	Corrected Reading dBuV	CFR 47 Part 15 Class B QP	QP Margin (dB)	CFR 47 Part 15 Class B Avg	Av(CISPR) Margin (dB)
13	.168	31.89	Qp	0	0	10.1	41.99	65.06	-23.07	-	-
14	.168	14.87	Ca	0	0	10.1	24.97	-	-	55.06	-30.09
15	.25125	29.36	Qp	0	0	10.1	39.46	61.72	-22.26	-	-
16	.25125	13.17	Ca	0	0	10.1	23.27	-	-	51.72	-28.45
17	.33225	25.06	Qp	0	0	10.1	35.16	59.39	-24.23	-	-
18	.3345	9.84	Ca	0	0	10.1	19.94	-	-	49.34	-29.4
19	.807	31.51	Qp	0	0	10.1	41.61	56	-14.39	-	-
20	.807	19.74	Ca	0	0	10.1	29.84	-	-	46	-16.16
21	1.44375	17.27	Qp	0	.1	10.1	27.47	56	-28.53	-	-
22	1.446	8.67	Ca	0	.1	10.1	18.87	-	-	46	-27.13
23	2.2965	14.43	Qp	0	.1	10.1	24.63	56	-31.37	-	-
24	2.2965	8.1	Ca	0	.1	10.1	18.3	-	-	46	-27.7

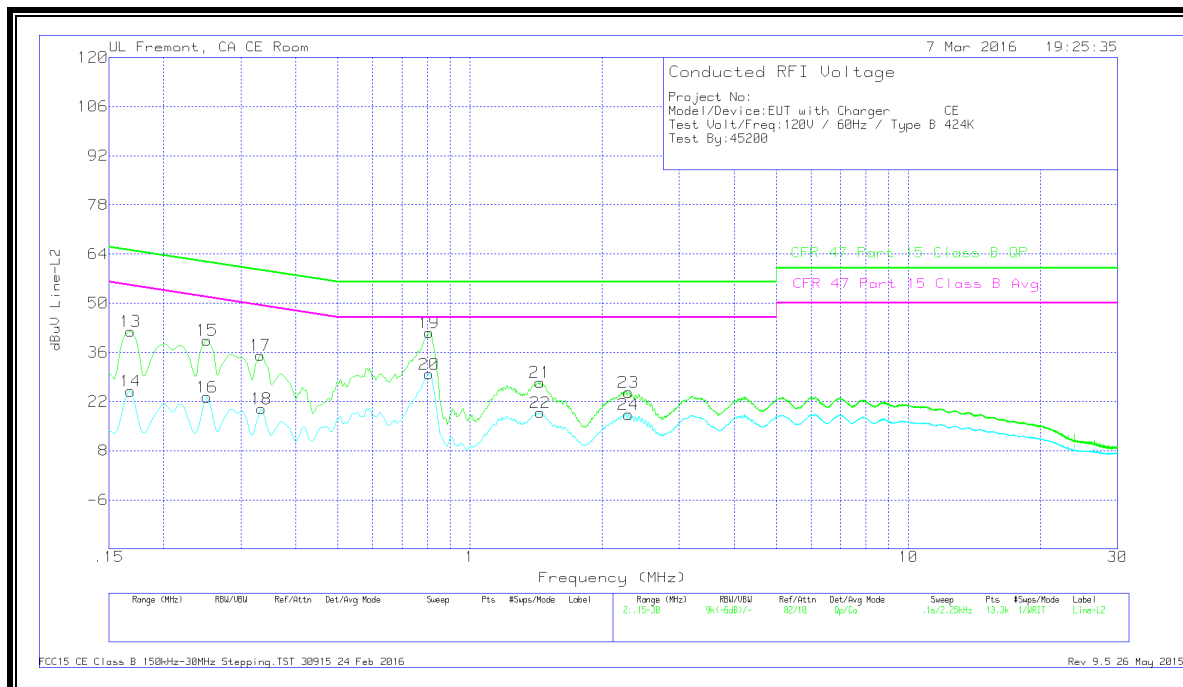
Qp - Quasi-Peak detector

Ca - CISPR average detection

LINE 1 RESULTS



LINE 2 RESULTS



10.2.3. NORMAL OPERATION 212KBPS

6 WORST EMISSIONS

Range 1: Line-L1 .15 - 30MHz											
Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	T24 IL L1	LC Cables 1&3	Limiter (dB)	Corrected Reading dBuV	CFR 47 Part 15 Class B QP	QP Margin (dB)	CFR 47 Part 15 Class B Avg	Av(CISPR) Margin (dB)
1	.168	32.41	Qp	1.2	0	10.1	43.71	65.06	-21.35	-	-
2	.168	15.36	Ca	1.2	0	10.1	26.66	-	-	55.06	-28.4
3	.19725	31.02	Qp	1	0	10.1	42.12	63.73	-21.61	-	-
4	.1995	13.78	Ca	.9	0	10.1	24.78	-	-	53.63	-28.85
5	.25238	29.49	Qp	.7	0	10.1	40.29	61.68	-21.39	-	-
6	.2535	13.74	Ca	.7	0	10.1	24.54	-	-	51.64	-27.1
7	.285	25.47	Qp	.6	0	10.1	36.17	60.67	-24.5	-	-
8	.28725	10.15	Ca	.6	0	10.1	20.85	-	-	50.6	-29.75
9	.339	25.42	Qp	.5	0	10.1	36.02	59.23	-23.21	-	-
10	.33675	10.81	Ca	.5	0	10.1	21.41	-	-	49.28	-27.87
11	.816	30.67	Qp	.3	0	10.1	41.07	56	-14.93	-	-
12	.81375	22.91	Ca	.3	0	10.1	33.31	-	-	46	-12.69
13	13.56	46.27	Qp	.2	.2	10.2	56.87	60	-3.13	-	-
14	13.56	43.16	Ca	.2	.2	10.2	53.76	-	-	50	3.76

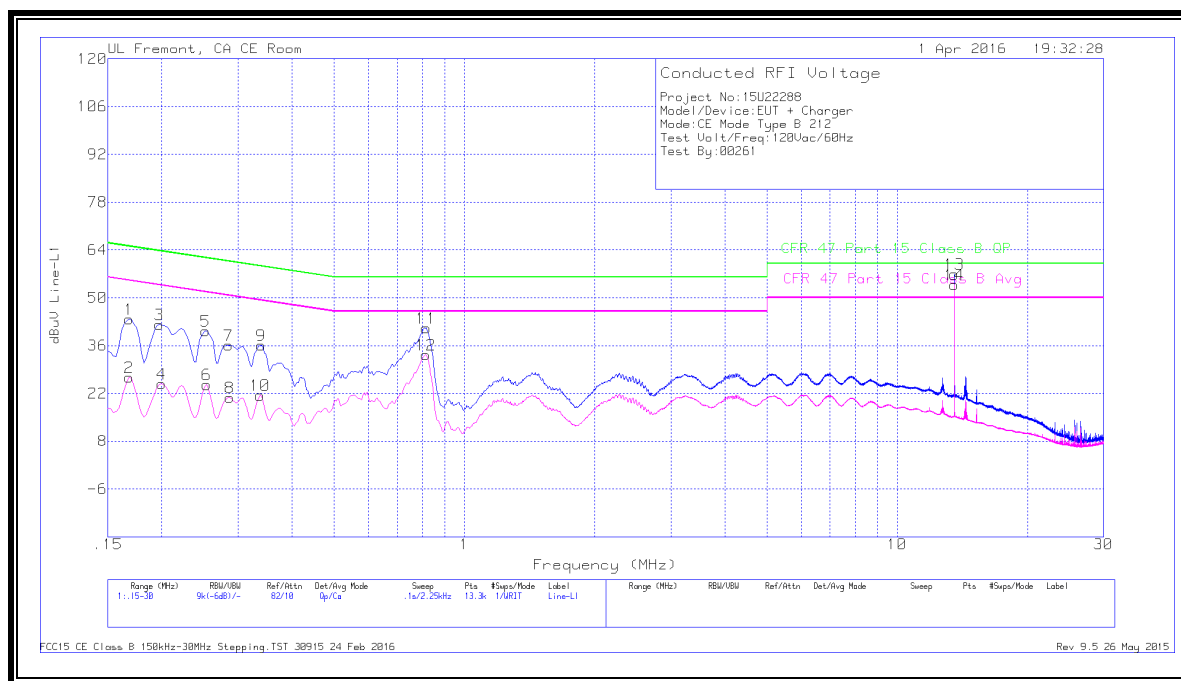
Range 2: Line-L2 .15 - 30MHz											
Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	T24 IL L2	LC Cables 2&3	Limiter (dB)	Corrected Reading dBuV	CFR 47 Part 15 Class B QP	QP Margin (dB)	CFR 47 Part 15 Class B Avg	Av(CISPR) Margin (dB)
15	.168	33.36	Qp	1.3	0	10.1	44.76	65.06	-20.3	-	-
16	.168	15.06	Ca	1.3	0	10.1	26.46	-	-	55.06	-28.6
17	.19725	29.74	Qp	1	0	10.1	40.84	63.73	-22.89	-	-
18	.1995	11.08	Ca	1	0	10.1	22.18	-	-	53.63	-31.45
19	.2535	30.26	Qp	.7	0	10.1	41.06	61.64	-20.58	-	-
20	.2535	11.91	Ca	.7	0	10.1	22.71	-	-	51.64	-28.93
21	.28725	26.31	Qp	.6	0	10.1	37.01	60.6	-23.59	-	-
22	.28613	7.97	Ca	.6	0	10.1	18.67	-	-	50.64	-31.97
23	.3345	25.3	Qp	.5	0	10.1	35.9	59.34	-23.44	-	-
24	.33675	7.44	Ca	.5	0	10.1	18.04	-	-	49.28	-31.24
25	.81375	31.51	Qp	.3	0	10.1	41.91	56	-14.09	-	-
26	.81375	16.99	Ca	.3	0	10.1	27.39	-	-	46	-18.61
27	13.56	45.93	Qp	.2	.2	10.2	56.53	60	-3.47	-	-
28	13.56	42.45	Ca	.2	.2	10.2	53.05	-	-	50	3.05

Qp - Quasi-Peak detector

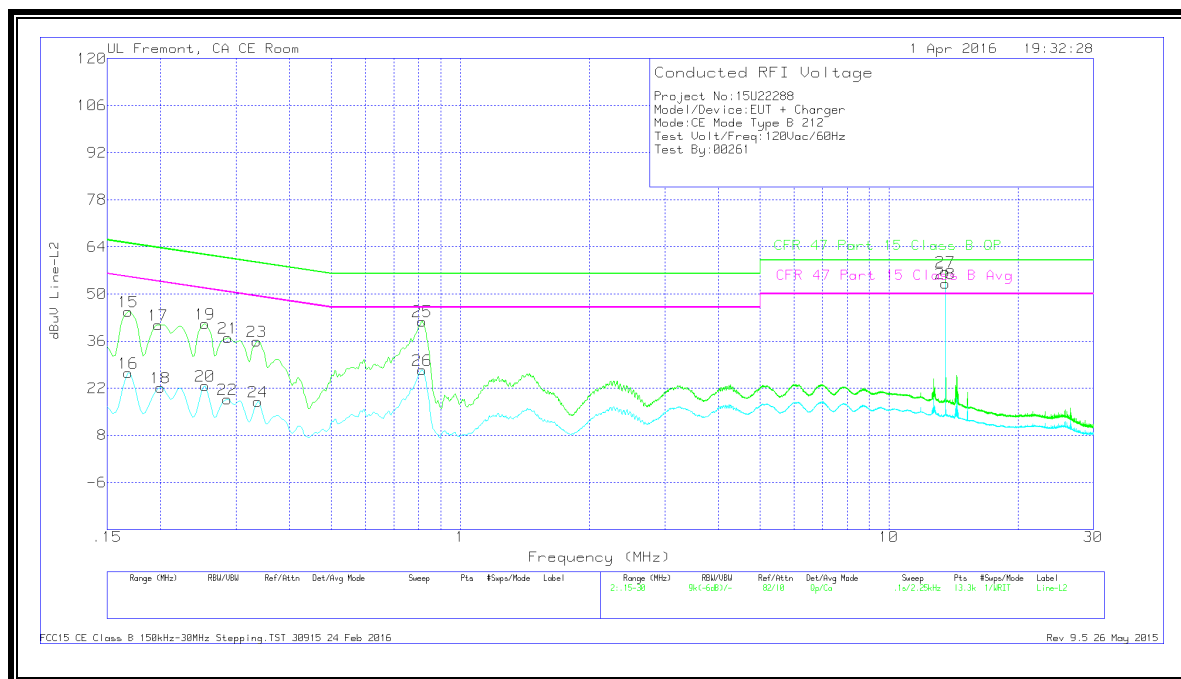
Ca - CISPR average detection

Note: 13.56MHz is a fundamental frequency of the EUT. Data under the following section indicate that when the antenna terminal is terminated the fundamental amplitude is lowering below the limit line.

LINE 1 RESULTS



LINE 2 RESULTS



10.2.4. WITH ANTENNA PORT TERMINATED 212KBPS

WORST EMISSIONS

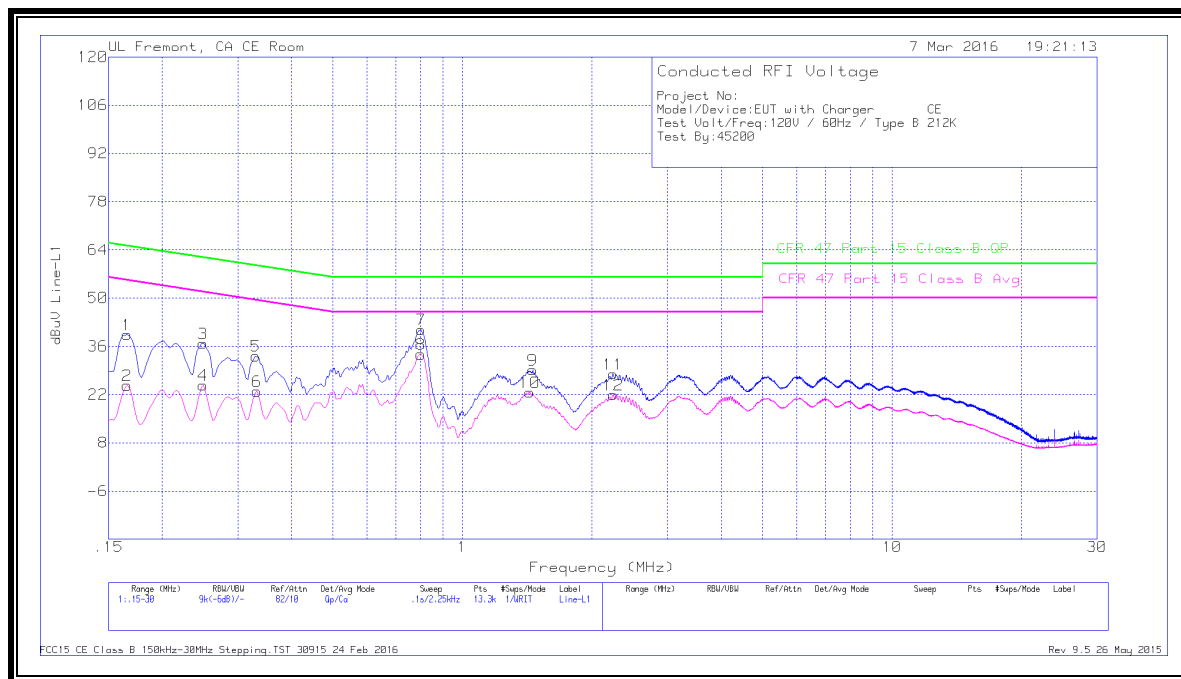
Range 1: Line-L1 .15 - 30MHz											
Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	T1310 IL L1	LC Cables 1&3	Limiter (dB)	Corrected Reading dBuV	CFR 47 Part 15 Class B QP	QP Margin (dB)	CFR 47 Part 15 Class B Avg	Av(CISPR) Margin (dB)
1	.16575	29.29	Qp	0	0	10.1	39.39	65.17	-25.78	-	-
2	.16575	14.54	Ca	0	0	10.1	24.64	-	-	55.17	-30.53
3	.249	26.74	Qp	0	0	10.1	36.84	61.79	-24.95	-	-
4	.249	14.64	Ca	0	0	10.1	24.74	-	-	51.79	-27.05
5	.33	23.07	Qp	0	0	10.1	33.17	59.45	-26.28	-	-
6	.33225	12.82	Ca	0	0	10.1	22.92	-	-	49.39	-26.47
7	.8025	30.76	Qp	0	0	10.1	40.86	56	-15.14	-	-
8	.80025	23.59	Ca	0	0	10.1	33.69	-	-	46	-12.31
9	1.45725	18.9	Qp	0	.1	10.1	29.1	56	-26.9	-	-
10	1.43475	12.44	Ca	0	.1	10.1	22.64	-	-	46	-23.36
11	2.2425	17.76	Qp	0	.1	10.1	27.96	56	-28.04	-	-
12	2.24475	11.75	Ca	0	.1	10.1	21.95	-	-	46	-24.05

Range 2: Line-L2 .15 - 30MHz											
Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	T1310 IL L2	LC Cables 2&3	Limiter (dB)	Corrected Reading dBuV	CFR 47 Part 15 Class B QP	QP Margin (dB)	CFR 47 Part 15 Class B Avg	Av(CISPR) Margin (dB)
13	.16575	30.69	Qp	0	0	10.1	40.79	65.17	-24.38	-	-
14	.16575	13.8	Ca	0	0	10.1	23.9	-	-	55.17	-31.27
15	.249	28.42	Qp	0	0	10.1	38.52	61.79	-23.27	-	-
16	.249	12.52	Ca	0	0	10.1	22.62	-	-	51.79	-29.17
17	.33	24.32	Qp	0	0	10.1	34.42	59.45	-25.03	-	-
18	.33225	9.49	Ca	0	0	10.1	19.59	-	-	49.39	-29.8
19	.80475	30.67	Qp	0	0	10.1	40.77	56	-15.23	-	-
20	.80475	19.41	Ca	0	0	10.1	29.51	-	-	46	-16.49
21	1.4325	17.04	Qp	0	.1	10.1	27.24	56	-28.76	-	-
22	1.43475	8.72	Ca	0	.1	10.1	18.92	-	-	46	-27.08
23	2.2425	14.39	Qp	0	.1	10.1	24.59	56	-31.41	-	-
24	2.2425	8.02	Ca	0	.1	10.1	18.22	-	-	46	-27.78

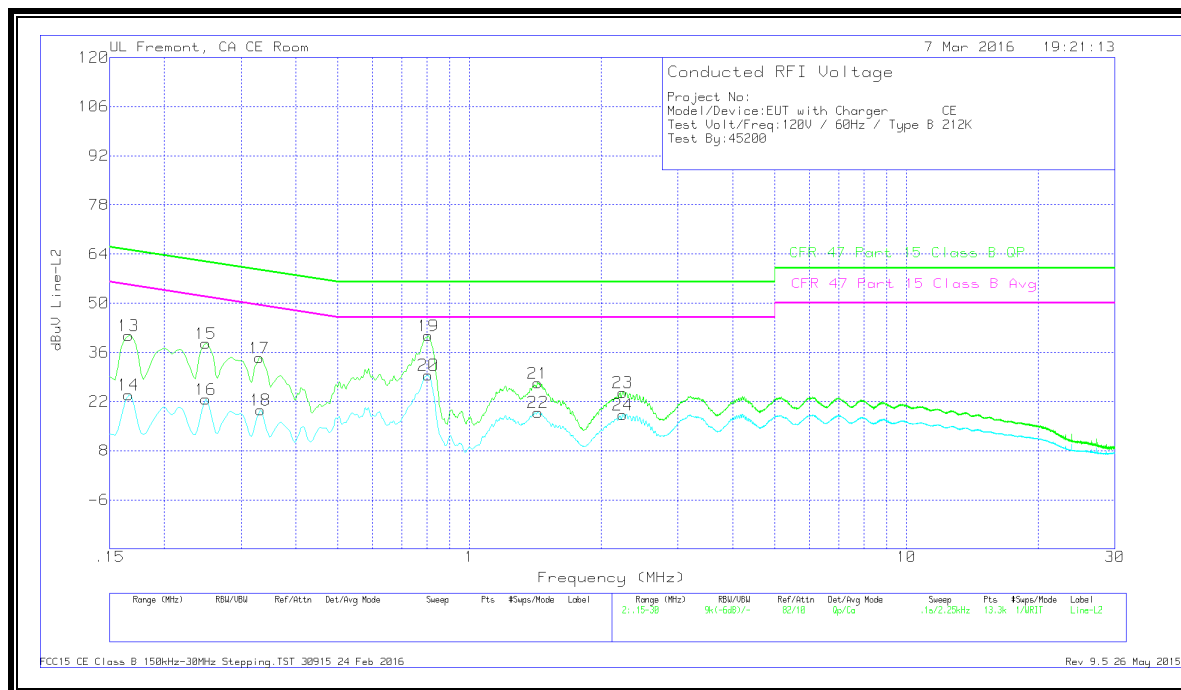
Qp - Quasi-Peak detector

Ca - CISPR average detection

LINE 1 RESULTS



LINE 2 RESULTS



10.2.5. NORMAL OPERATION 106KBPS

WORST EMISSIONS

Range 1: Line-L1 .15 - 30MHz											
Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	T24 IL L1	LC Cables 1&3	Limiter (dB)	Corrected Reading dBuV	CFR 47 Part 15 Class B QP	QP Margin (dB)	CFR 47 Part 15 Class B Avg	Av(CISPR) Margin (dB)
1	.168	32.43	Qp	1.2	0	10.1	43.73	65.06	-21.33	-	-
2	.168	15.32	Ca	1.2	0	10.1	26.62	-	-	55.06	-28.44
3	.19725	31.21	Qp	1	0	10.1	42.31	63.73	-21.42	-	-
4	.1995	13.83	Ca	.9	0	10.1	24.83	-	-	53.63	-28.8
5	.2535	29.47	Qp	.7	0	10.1	40.27	61.64	-21.37	-	-
6	.2535	13.7	Ca	.7	0	10.1	24.5	-	-	51.64	-27.14
7	.28275	25.56	Qp	.6	0	10.1	36.26	60.73	-24.47	-	-
8	.285	10.13	Ca	.6	0	10.1	20.83	-	-	50.67	-29.84
9	.339	25.42	Qp	.5	0	10.1	36.02	59.23	-23.21	-	-
10	.33675	10.77	Ca	.5	0	10.1	21.37	-	-	49.28	-27.91
11	.80925	30.61	Qp	.3	0	10.1	41.01	56	-14.99	-	-
12	.81375	22.79	Ca	.3	0	10.1	33.19	-	-	46	-12.81
13	13.56	46.59	Qp	.2	.2	10.2	57.19	60	-2.81	-	-
14	13.56	43.61	Ca	.2	.2	10.2	54.21	-	-	50	4.21

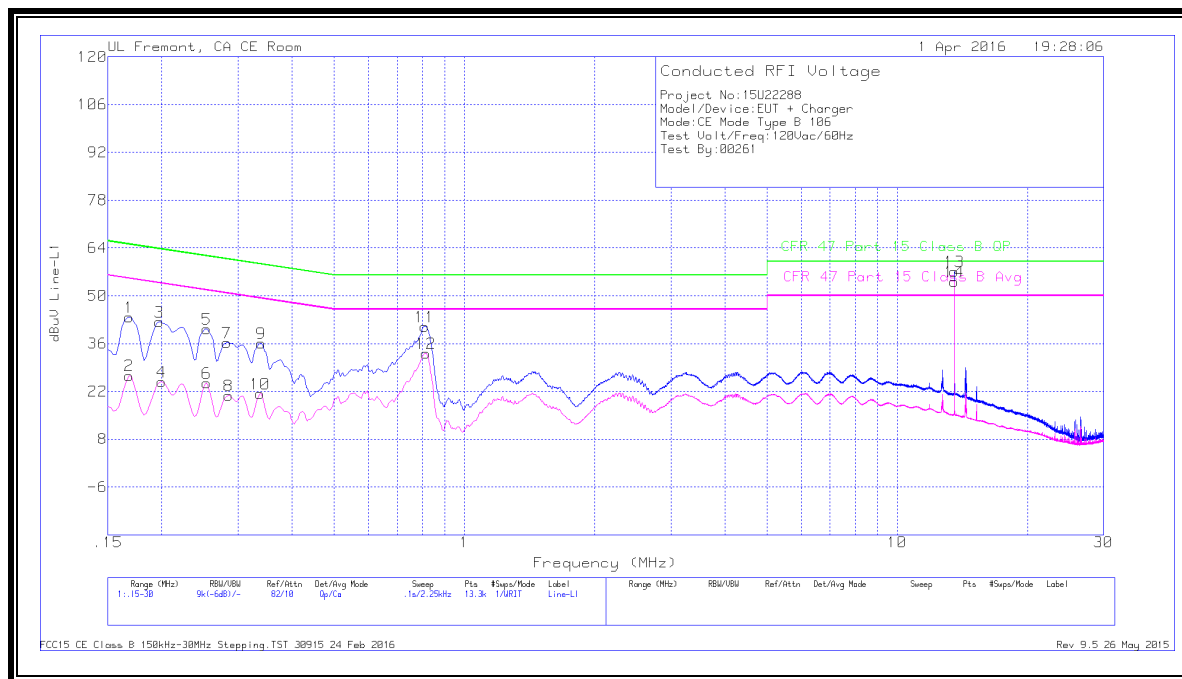
Range 2: Line-L2 .15 - 30MHz											
Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	T24 IL L2	LC Cables 2&3	Limiter (dB)	Corrected Reading dBuV	CFR 47 Part 15 Class B QP	QP Margin (dB)	CFR 47 Part 15 Class B Avg	Av(CISPR) Margin (dB)
15	.168	33.3	Qp	1.3	0	10.1	44.7	65.06	-20.36	-	-
16	.168	14.73	Ca	1.3	0	10.1	26.13	-	-	55.06	-28.93
17	.222	29.37	Qp	.9	0	10.1	40.37	62.74	-22.37	-	-
18	.222	10.71	Ca	.9	0	10.1	21.71	-	-	52.74	-31.03
19	.2535	30.16	Qp	.7	0	10.1	40.96	61.64	-20.68	-	-
20	.2535	11.61	Ca	.7	0	10.1	22.41	-	-	51.64	-29.23
21	.285	26.32	Qp	.6	0	10.1	37.02	60.67	-23.65	-	-
22	.285	7.84	Ca	.6	0	10.1	18.54	-	-	50.67	-32.13
23	.3345	25.09	Qp	.5	0	10.1	35.69	59.34	-23.65	-	-
24	.33675	7.16	Ca	.5	0	10.1	17.76	-	-	49.28	-31.52
25	.81825	31.34	Qp	.3	0	10.1	41.74	56	-14.26	-	-
26	.816	16.83	Ca	.3	0	10.1	27.23	-	-	46	-18.77
27	13.56	46.3	Qp	.2	.2	10.2	56.9	60	-3.1	-	-
28	13.56	43.04	Ca	.2	.2	10.2	53.64	-	-	50	3.64

Qp - Quasi-Peak detector

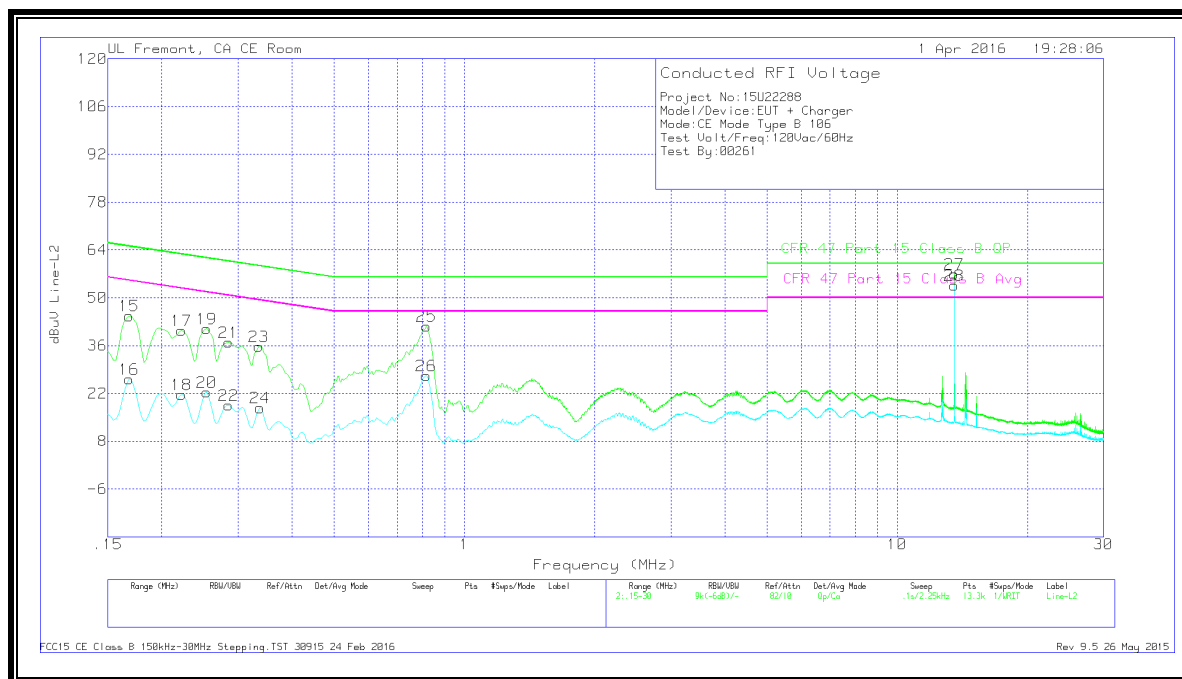
Ca - CISPR average detection

Note: 13.56MHz is a fundamental frequency of the EUT. Data under the following section indicate that when the antenna terminal is terminated the fundamental amplitude is lowering below the limit line.

LINE 1 RESULTS



LINE 2 RESULTS



10.2.6. WITH ANTENNA PORT TERMINATED 106KBPS

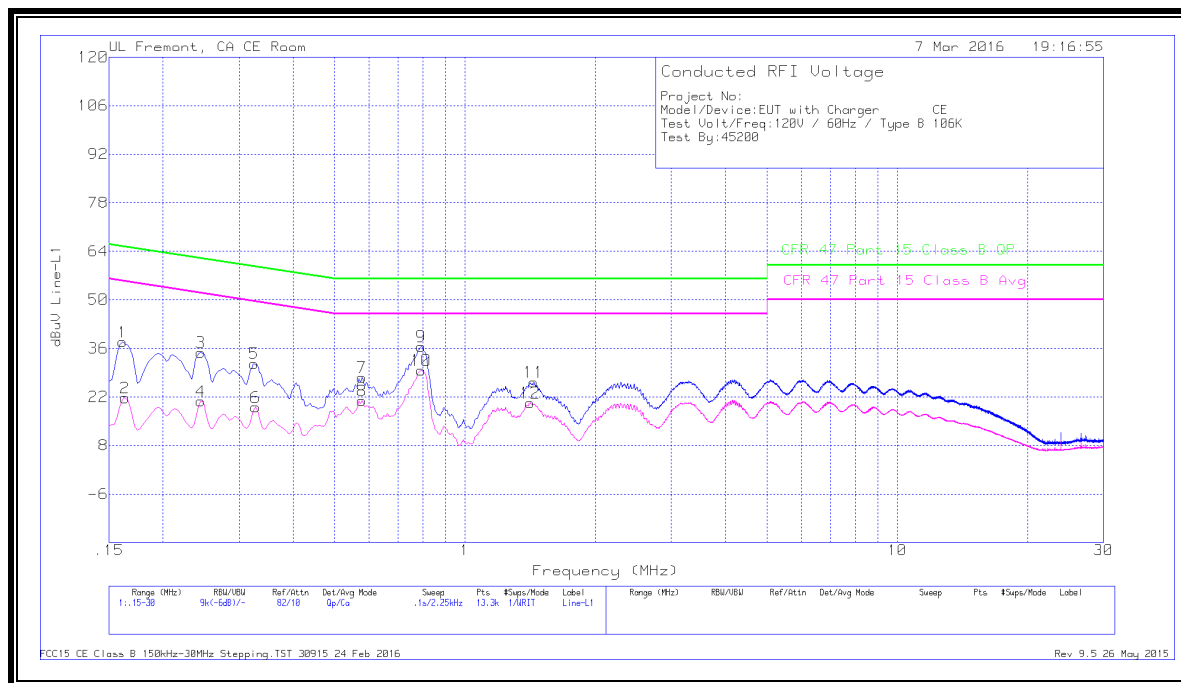
WORST EMISSIONS

Range 1: Line-L1 .15 - 30MHz											
Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	T1310 IL L1	LC Cables 1&3	Limiter (dB)	Corrected Reading dBuV	CFR 47 Part 15 Class B QP	QP Margin (dB)	CFR 47 Part 15 Class B Avg	Av(CISPR) Margin (dB)
1	.16125	27.76	Qp	0	0	10.1	37.86	65.4	-27.54	-	-
2	.1635	11.62	Ca	0	0	10.1	21.72	-	-	55.28	-33.56
3	.2445	24.73	Qp	0	0	10.1	34.83	61.94	-27.11	-	-
4	.2445	10.65	Ca	0	0	10.1	20.75	-	-	51.94	-31.19
5	.3255	21.51	Qp	0	0	10.1	31.61	59.57	-27.96	-	-
6	.32775	8.93	Ca	0	0	10.1	19.03	-	-	49.51	-30.48
7	.5775	17.54	Qp	0	0	10.1	27.64	56	-28.36	-	-
8	.5775	10.81	Ca	0	0	10.1	20.91	-	-	46	-25.09
9	.79125	26.44	Qp	0	0	10.1	36.54	56	-19.46	-	-
10	.79125	19.6	Ca	0	0	10.1	29.7	-	-	46	-16.3
11	1.4415	16.07	Qp	0	.1	10.1	26.27	56	-29.73	-	-
12	1.4145	10.1	Ca	0	.1	10.1	20.3	-	-	46	-25.7

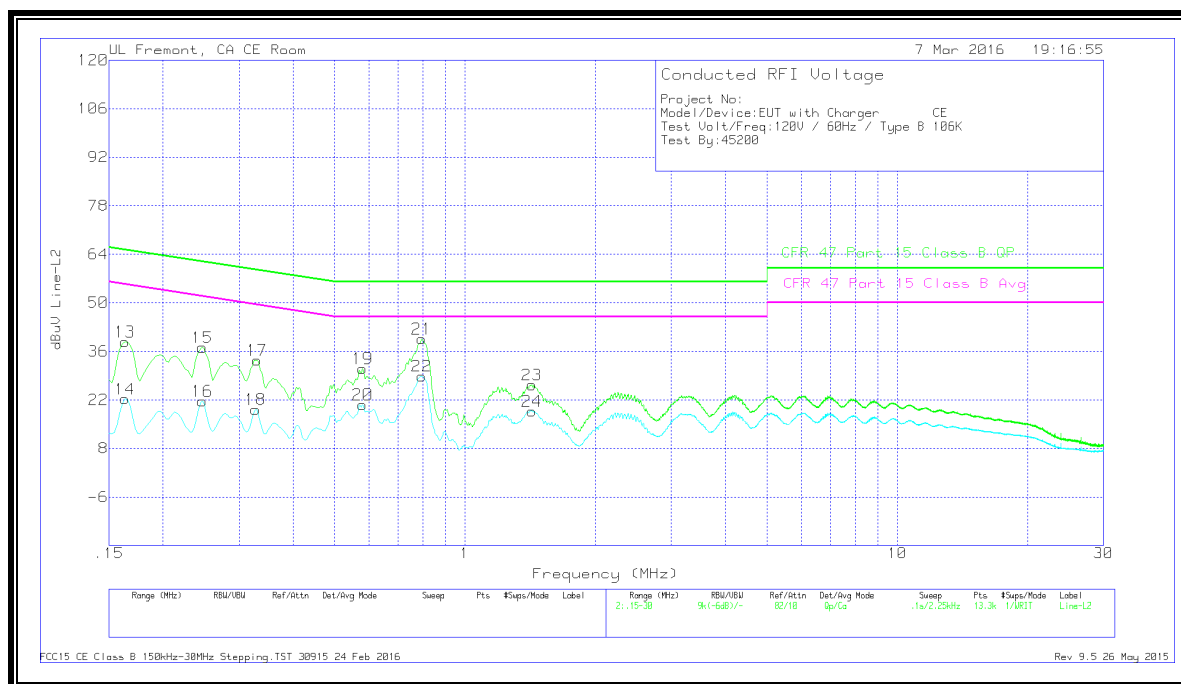
Range 2: Line-L2 .15 - 30MHz											
Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	T1310 IL L2	LC Cables 2&3	Limiter (dB)	Corrected Reading dBuV	CFR 47 Part 15 Class B QP	QP Margin (dB)	CFR 47 Part 15 Class B Avg	Av(CISPR) Margin (dB)
13	.1635	28.68	Qp	0	0	10.1	38.78	65.28	-26.5	-	-
14	.1635	12.2	Ca	0	0	10.1	22.3	-	-	55.28	-32.98
15	.24675	27.01	Qp	0	0	10.1	37.11	61.87	-24.76	-	-
16	.24675	11.57	Ca	0	0	10.1	21.67	-	-	51.87	-30.2
17	.33	23.35	Qp	0	0	10.1	33.45	59.45	-26	-	-
18	.32775	9.19	Ca	0	0	10.1	19.29	-	-	49.51	-30.22
19	.57975	20.96	Qp	0	0	10.1	31.06	56	-24.94	-	-
20	.57975	10.54	Ca	0	0	10.1	20.64	-	-	46	-25.36
21	.7935	29.51	Qp	0	0	10.1	39.61	56	-16.39	-	-
22	.7935	18.79	Ca	0	0	10.1	28.89	-	-	46	-17.11
23	1.428	16.15	Qp	0	.1	10.1	26.35	56	-29.65	-	-
24	1.428	8.56	Ca	0	.1	10.1	18.76	-	-	46	-27.24

Qp - Quasi-Peak detector

LINE 1 RESULTS



LINE 2 RESULTS



10.3. CE MODE TYPE F

10.3.1. NORMAL OPERATION 424KBPS

6 WORST EMISSIONS

Range 1: Line-L1 .15 - 30MHz											
Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	T24 IL L1	LC Cables 1&3	Limiter (dB)	Corrected Reading dBuV	CFR 47 Part 15 Class B QP	QP Margin (dB)	CFR 47 Part 15 Class B Avg	Av(CISPR) Margin (dB)
1	.17025	32.99	Qp	1.2	0	10.1	44.29	64.95	-20.66	-	-
2	.17025	15.79	Ca	1.2	0	10.1	27.09	-	-	54.95	-27.86
3	.19725	31.82	Qp	1	0	10.1	42.92	63.73	-20.81	-	-
4	.1995	14.37	Ca	.9	0	10.1	25.37	-	-	53.63	-28.26
5	.25575	29.93	Qp	.7	0	10.1	40.73	61.57	-20.84	-	-
6	.2535	14.02	Ca	.7	0	10.1	24.82	-	-	51.64	-26.82
7	.285	26.08	Qp	.6	0	10.1	36.78	60.67	-23.89	-	-
8	.285	10.42	Ca	.6	0	10.1	21.12	-	-	50.67	-29.55
9	.34125	25.75	Qp	.5	0	10.1	36.35	59.17	-22.82	-	-
10	.339	10.92	Ca	.5	0	10.1	21.52	-	-	49.23	-27.71
11	.816	31.47	Qp	.3	0	10.1	41.87	56	-14.13	-	-
12	.81375	22.96	Ca	.3	0	10.1	33.36	-	-	46	-12.64
13	13.56	46.84	Qp	.2	.2	10.2	57.44	60	-2.56	-	-
14	13.56	43.7	Ca	.2	.2	10.2	54.3	-	-	50	4.3

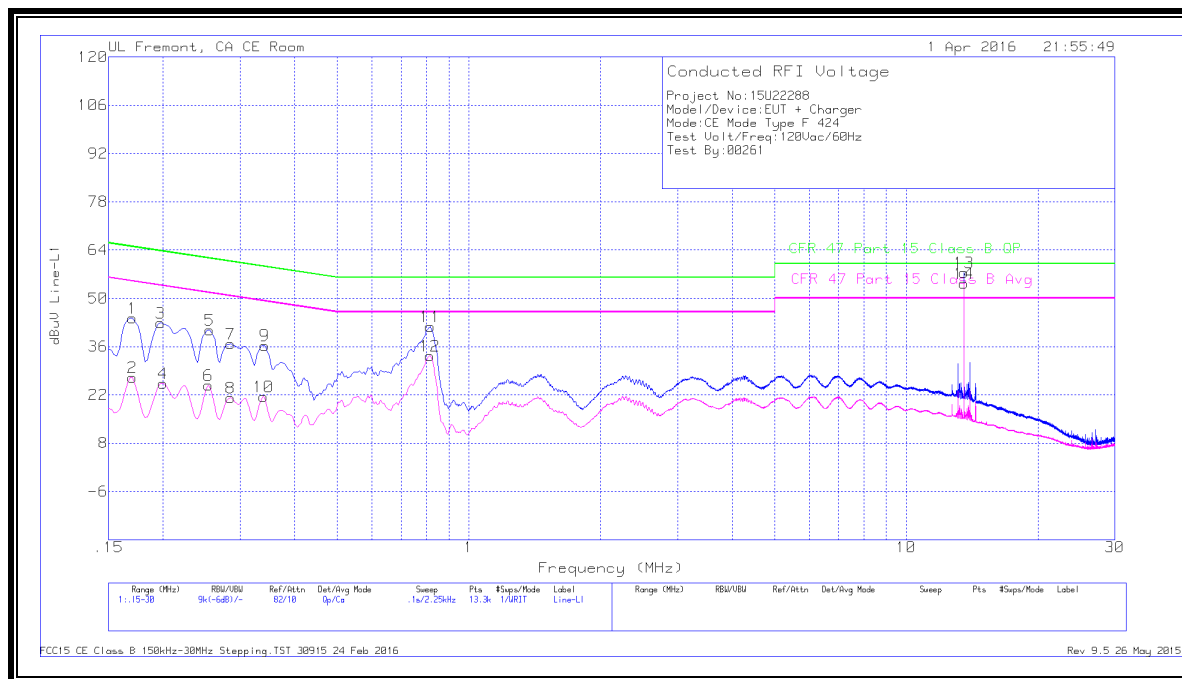
Range 2: Line-L2 .15 - 30MHz											
Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	T24 IL L2	LC Cables 2&3	Limiter (dB)	Corrected Reading dBuV	CFR 47 Part 15 Class B QP	QP Margin (dB)	CFR 47 Part 15 Class B Avg	Av(CISPR) Margin (dB)
15	.16913	33.8	Qp	1.3	0	10.1	45.2	65	-19.8	-	-
16	.17025	15.58	Ca	1.2	0	10.1	26.88	-	-	54.95	-28.07
17	.222	29.93	Qp	.9	0	10.1	40.93	62.74	-21.81	-	-
18	.22425	11.47	Ca	.9	0	10.1	22.47	-	-	52.66	-30.19
19	.2535	30.56	Qp	.7	0	10.1	41.36	61.64	-20.28	-	-
20	.2535	12.26	Ca	.7	0	10.1	23.06	-	-	51.64	-28.58
21	.285	26.75	Qp	.6	0	10.1	37.45	60.67	-23.22	-	-
22	.285	8.48	Ca	.6	0	10.1	19.18	-	-	50.67	-31.49
23	.33675	25.51	Qp	.5	0	10.1	36.11	59.28	-23.17	-	-
24	.339	7.52	Ca	.5	0	10.1	18.12	-	-	49.23	-31.11
25	.8205	31.74	Qp	.3	0	10.1	42.14	56	-13.86	-	-
26	.816	17.18	Ca	.3	0	10.1	27.58	-	-	46	-18.42
27	13.56	46.48	Qp	.2	.2	10.2	57.08	60	-2.92	-	-
28	13.56	43.16	Ca	.2	.2	10.2	53.76	-	-	50	3.76

Qp - Quasi-Peak detector

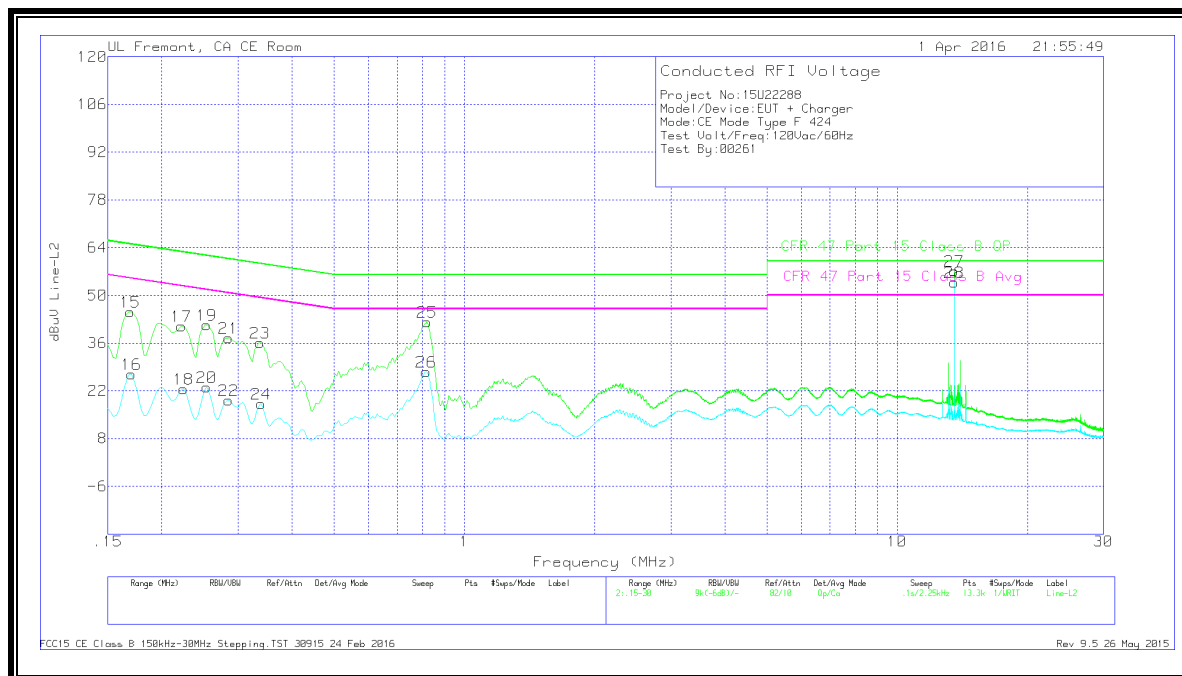
Ca - CISPR average detection

Note: 13.56MHz is a fundamental frequency of the EUT. Data under the following section indicate that when the antenna terminal is terminated the fundamental amplitude is lowering below the limit line.

LINE 1 RESULTS



LINE 2 RESULTS



10.3.2. WITH ANTENNA PORT TERMINATED 424KBPS

WORST EMISSIONS

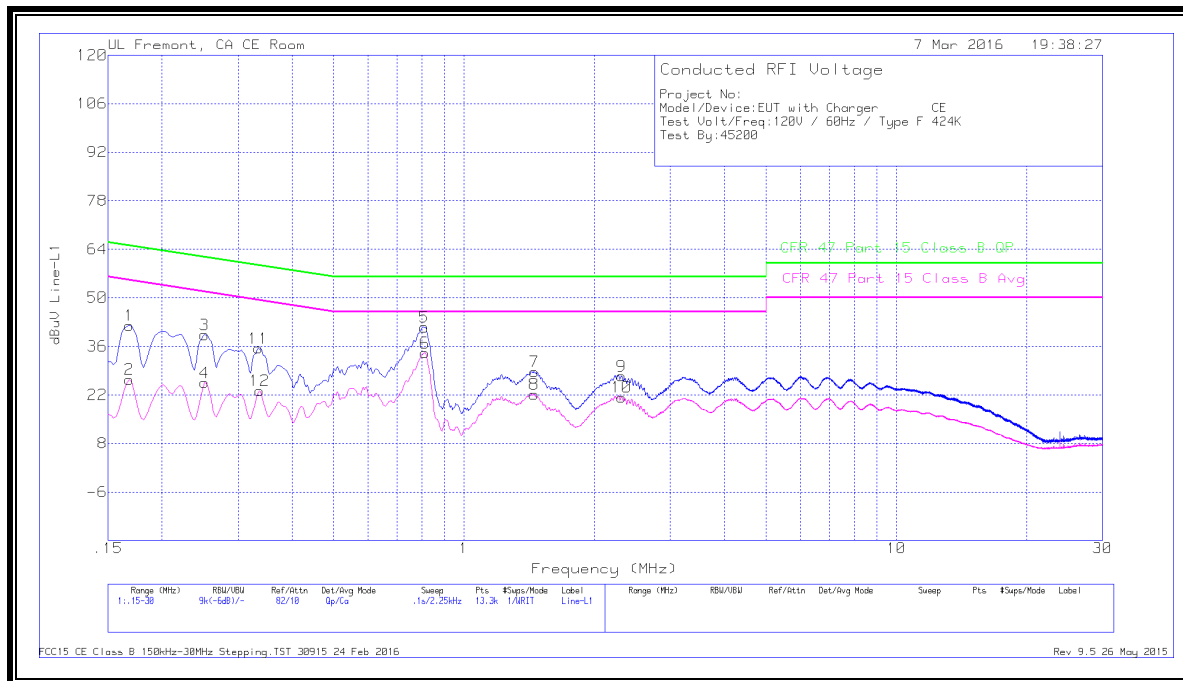
Range 1: Line-L1 .15 - 30MHz											
Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	T1310 IL L1	LC Cables 1&3	Limiter (dB)	Corrected Reading dBuV	CFR 47 Part 15 Class B QP	QP Margin (dB)	CFR 47 Part 15 Class B Avg	Av(CISPR) Margin (dB)
1	.168	31.96	Qp	0	0	10.1	42.06	65.06	-23	-	-
2	.168	16.38	Ca	0	0	10.1	26.48	-	-	55.06	-28.58
3	.25125	29.23	Qp	0	0	10.1	39.33	61.72	-22.39	-	-
4	.25125	15.45	Ca	0	0	10.1	25.55	-	-	51.72	-26.17
5	.80925	31.45	Qp	0	0	10.1	41.55	56	-14.45	-	-
6	.8115	24.04	Ca	0	0	10.1	34.14	-	-	46	-11.86
7	1.45388	18.51	Qp	0	.1	10.1	28.71	56	-27.29	-	-
8	1.45275	12	Ca	0	.1	10.1	22.2	-	-	46	-23.8
9	2.31113	17.22	Qp	0	.1	10.1	27.42	56	-28.58	-	-
10	2.3145	11.16	Ca	0	.1	10.1	21.36	-	-	46	-24.64
11	.3345	25.34	Qp	0	0	10.1	35.44	59.34	-23.9	-	-
12	.33675	13.13	Ca	0	0	10.1	23.23	-	-	49.28	-26.05

Range 2: Line-L2 .15 - 30MHz											
Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	T1310 IL L2	LC Cables 2&3	Limiter (dB)	Corrected Reading dBuV	CFR 47 Part 15 Class B QP	QP Margin (dB)	CFR 47 Part 15 Class B Avg	Av(CISPR) Margin (dB)
13	.168	33.11	Qp	0	0	10.1	43.21	65.06	-21.85	-	-
14	.168	15.76	Ca	0	0	10.1	25.86	-	-	55.06	-29.2
15	.25125	30.19	Qp	0	0	10.1	40.29	61.72	-21.43	-	-
16	.25125	13.52	Ca	0	0	10.1	23.62	-	-	51.72	-28.1
17	.3345	25.61	Qp	0	0	10.1	35.71	59.34	-23.63	-	-
18	.33675	9.97	Ca	0	0	10.1	20.07	-	-	49.28	-29.21
19	.81375	32.09	Qp	0	0	10.1	42.19	56	-13.81	-	-
20	.81375	19.96	Ca	0	0	10.1	30.06	-	-	46	-15.94
21	1.45725	17.34	Qp	0	.1	10.1	27.54	56	-28.46	-	-
22	1.45275	8.43	Ca	0	.1	10.1	18.63	-	-	46	-27.37
23	2.31	14.78	Qp	0	.1	10.1	24.98	56	-31.02	-	-
24	2.31225	8.03	Ca	0	.1	10.1	18.23	-	-	46	-27.77

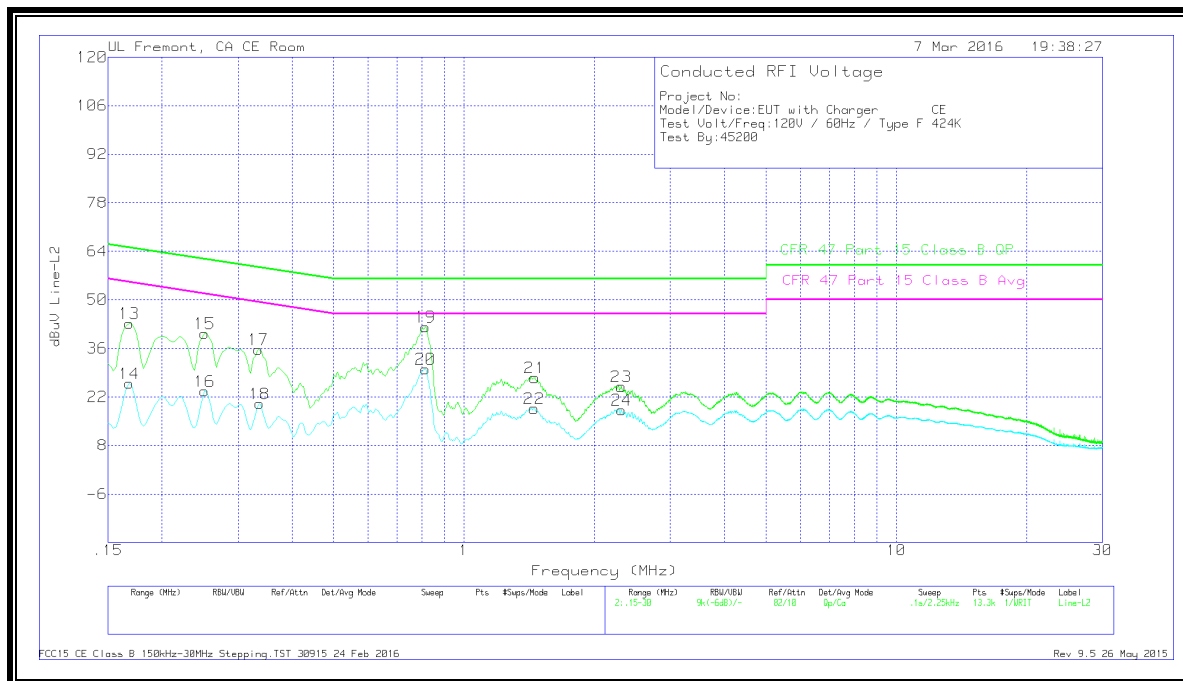
Qp - Quasi-Peak detector

Ca - CISPR average detection

LINE 1 RESULTS



LINE 2 RESULTS



10.3.3. NORMAL OPERATION 212KBPS

6 WORST EMISSIONS

Range 1: Line-L1 .15 - 30MHz											
Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	T24 IL L1	LC Cables 1&3	Limiter (dB)	Corrected Reading dBuV	CFR 47 Part 15 Class B QP	QP Margin (dB)	CFR 47 Part 15 Class B Avg	Av(CISPR) Margin (dB)
1	.17025	33.7	Qp	1.2	0	10.1	45	64.95	-19.95	-	-
2	.17025	16.5	Ca	1.2	0	10.1	27.8	-	-	54.95	-27.15
3	.1995	32.59	Qp	.9	0	10.1	43.59	63.63	-20.04	-	-
4	.1995	15.01	Ca	.9	0	10.1	26.01	-	-	53.63	-27.62
5	.25463	30.48	Qp	.7	0	10.1	41.28	61.6	-20.32	-	-
6	.25575	14.12	Ca	.7	0	10.1	24.92	-	-	51.57	-26.65
7	.28725	26.77	Qp	.6	0	10.1	37.47	60.6	-23.13	-	-
8	.28725	10.82	Ca	.6	0	10.1	21.52	-	-	50.6	-29.08
9	.34125	26.2	Qp	.5	0	10.1	36.8	59.17	-22.37	-	-
10	.339	11	Ca	.5	0	10.1	21.6	-	-	49.23	-27.63
11	.81375	32.05	Qp	.3	0	10.1	42.45	56	-13.55	-	-
12	.816	23.25	Ca	.3	0	10.1	33.65	-	-	46	-12.35
13	13.56	46.37	Qp	.2	.2	10.2	56.97	60	-3.03	-	-
14	13.56	43.19	Ca	.2	.2	10.2	53.79	-	-	50	3.79

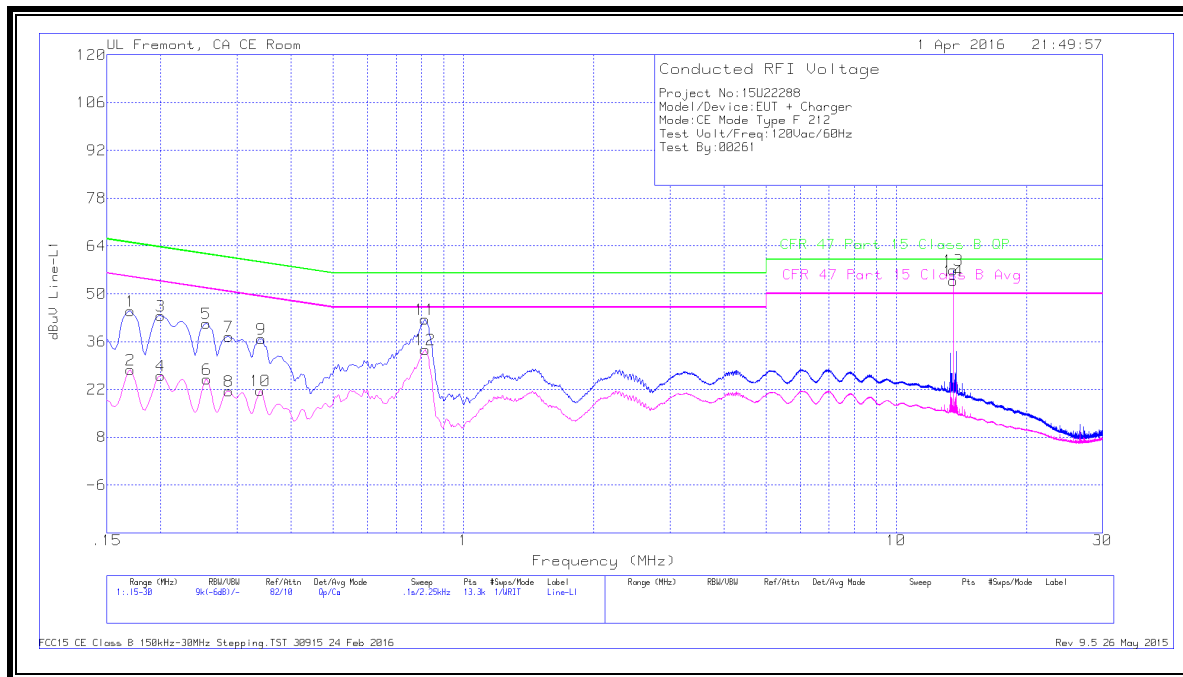
Range 2: Line-L2 .15 - 30MHz											
Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	T24 IL L2	LC Cables 2&3	Limiter (dB)	Corrected Reading dBuV	CFR 47 Part 15 Class B QP	QP Margin (dB)	CFR 47 Part 15 Class B Avg	Av(CISPR) Margin (dB)
15	.17025	34.55	Qp	1.2	0	10.1	45.85	64.95	-19.1	-	-
16	.17025	16.09	Ca	1.2	0	10.1	27.39	-	-	54.95	-27.56
17	.22425	30.4	Qp	.9	0	10.1	41.4	62.66	-21.26	-	-
18	.22425	11.82	Ca	.9	0	10.1	22.82	-	-	52.66	-29.84
19	.2535	30.99	Qp	.7	0	10.1	41.79	61.64	-19.85	-	-
20	.2535	12.35	Ca	.7	0	10.1	23.15	-	-	51.64	-28.49
21	.285	27.2	Qp	.6	0	10.1	37.9	60.67	-22.77	-	-
22	.285	8.67	Ca	.6	0	10.1	19.37	-	-	50.67	-31.3
23	.33675	25.76	Qp	.5	0	10.1	36.36	59.28	-22.92	-	-
24	.339	7.68	Ca	.5	0	10.1	18.28	-	-	49.23	-30.95
25	.81825	32.1	Qp	.3	0	10.1	42.5	56	-13.5	-	-
26	.81825	17.34	Ca	.3	0	10.1	27.74	-	-	46	-18.26
27	13.56	45.96	Qp	.2	.2	10.2	56.56	60	-3.44	-	-
28	13.56	42.5	Ca	.2	.2	10.2	53.1	-	-	50	3.1

Qp - Quasi-Peak detector

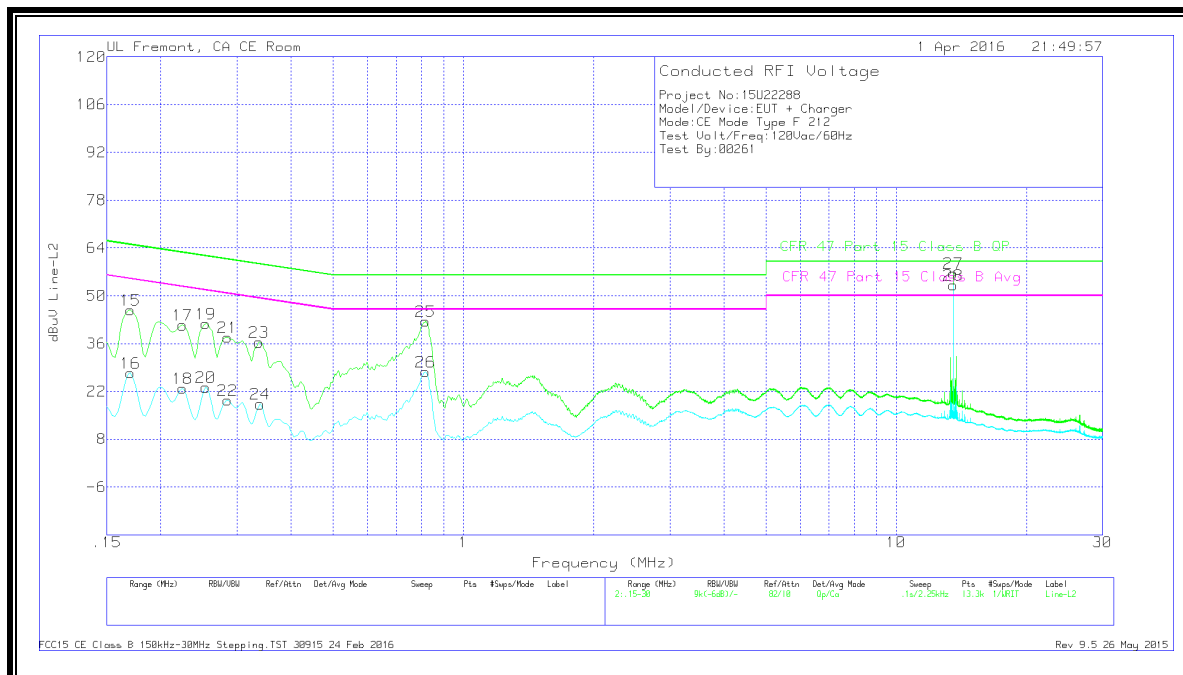
Ca - CISPR average detection

Note: 13.56MHz is a fundamental frequency of the EUT. Data under the following section indicate that when the antenna terminal is terminated the fundamental amplitude is lowering below the limit line.

LINE 1 RESULTS



LINE 2 RESULTS



10.3.4. WITH ANTENNA PORT TERMINATED 212KBPS

WORST EMISSIONS

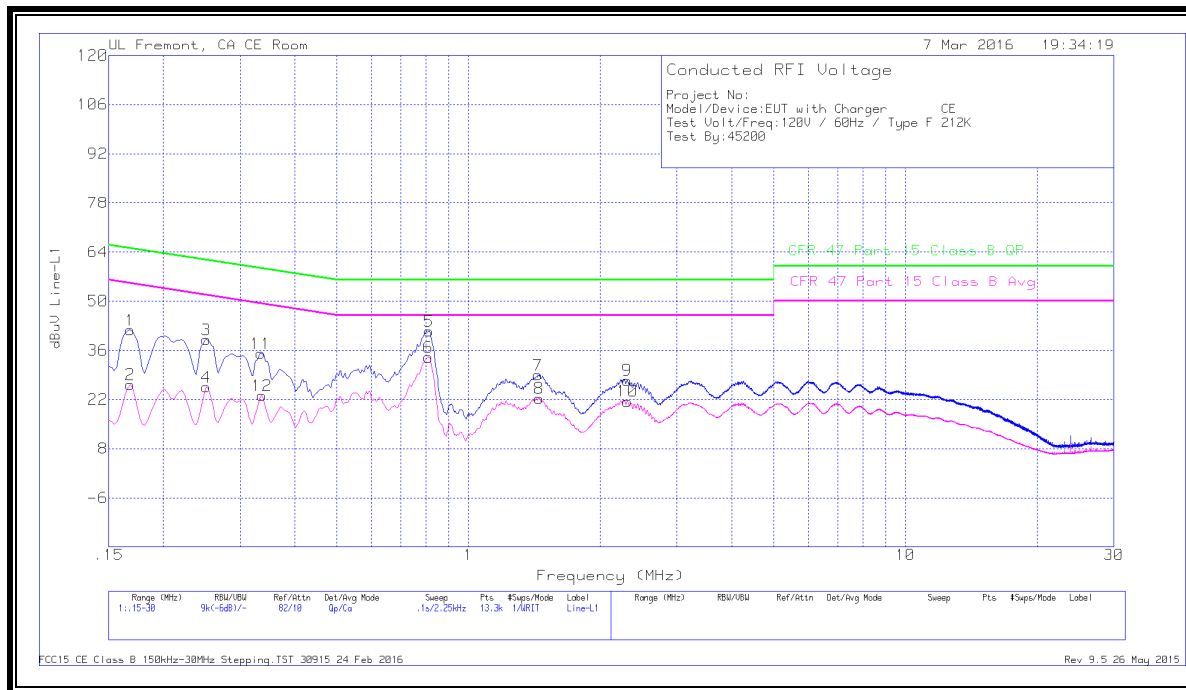
Range 1: Line-L1 .15 - 30MHz											
Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	T1310 IL L1	LC Cables 1&3	Limiter (dB)	Corrected Reading dBuV	CFR 47 Part 15 Class B QP	QP Margin (dB)	CFR 47 Part 15 Class B Avg	Av(CISPR) Margin (dB)
1	.168	31.7	Qp	0	0	10.1	41.8	65.06	-23.26	-	-
2	.168	16.16	Ca	0	0	10.1	26.26	-	-	55.06	-28.8
3	.25125	28.97	Qp	0	0	10.1	39.07	61.72	-22.65	-	-
4	.25125	15.43	Ca	0	0	10.1	25.53	-	-	51.72	-26.19
5	.8115	31.36	Qp	0	0	10.1	41.46	56	-14.54	-	-
6	.80925	23.95	Ca	0	0	10.1	34.05	-	-	46	-11.95
7	1.4415	18.78	Qp	0	.1	10.1	28.98	56	-27.02	-	-
8	1.4505	12.14	Ca	0	.1	10.1	22.34	-	-	46	-23.66
9	2.3055	17.3	Qp	0	.1	10.1	27.5	56	-28.5	-	-
10	2.31	11.33	Ca	0	.1	10.1	21.53	-	-	46	-24.47
11	.3345	25	Qp	0	0	10.1	35.1	59.34	-24.24	-	-
12	.33675	13.03	Ca	0	0	10.1	23.13	-	-	49.28	-26.15

Range 2: Line-L2 .15 - 30MHz											
Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	T1310 IL L2	LC Cables 2&3	Limiter (dB)	Corrected Reading dBuV	CFR 47 Part 15 Class B QP	QP Margin (dB)	CFR 47 Part 15 Class B Avg	Av(CISPR) Margin (dB)
13	.168	32.85	Qp	0	0	10.1	42.95	65.06	-22.11	-	-
14	.168	15.59	Ca	0	0	10.1	25.69	-	-	55.06	-29.37
15	.2535	29.91	Qp	0	0	10.1	40.01	61.64	-21.63	-	-
16	.2535	13.28	Ca	0	0	10.1	23.38	-	-	51.64	-28.26
17	.3345	25.35	Qp	0	0	10.1	35.45	59.34	-23.89	-	-
18	.33675	9.94	Ca	0	0	10.1	20.04	-	-	49.28	-29.24
19	.8115	31.86	Qp	0	0	10.1	41.96	56	-14.04	-	-
20	.8115	19.99	Ca	0	0	10.1	30.09	-	-	46	-15.91
21	1.455	17.34	Qp	0	.1	10.1	27.54	56	-28.46	-	-
22	1.45275	8.57	Ca	0	.1	10.1	18.77	-	-	46	-27.23
23	2.31225	14.94	Qp	0	.1	10.1	25.14	56	-30.86	-	-
24	2.31	7.95	Ca	0	.1	10.1	18.15	-	-	46	-27.85

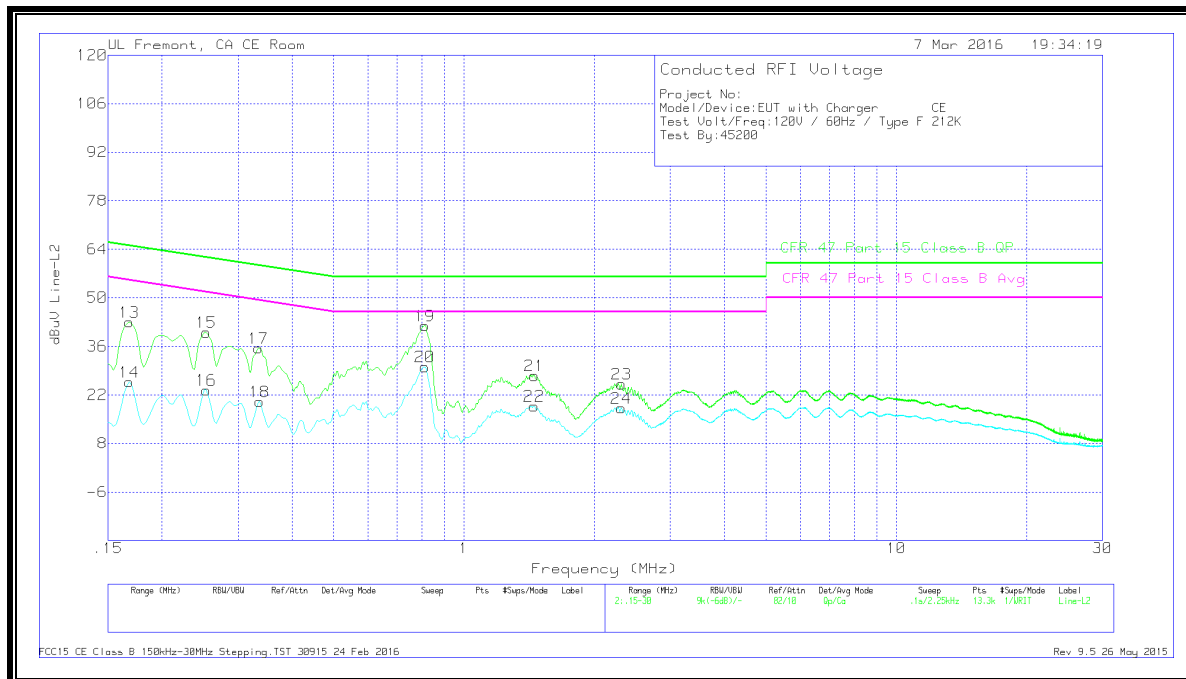
Qp - Quasi-Peak detector

Ca - CISPR average detection

LINE 1 RESULTS



LINE 2 RESULTS



10.4. READER MODE TYPE A

10.4.1. NORMAL OPERATION 848KBPS

WORST EMISSIONS

Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	T1310 IL L1	LC Cables 1&3	Limiter (dB)	Corrected Reading dBuV	CISPR 22 Class B QP	Margin (dB)	CISPR 22 Class B Avg	Margin (dB)
1	.17025	33.93	Qp	0	0	10.1	44.03	64.95	-20.92	-	-
2	.17025	16.05	Ca	0	0	10.1	26.15	-	-	54.95	-28.8
3	.2535	30.58	Qp	0	0	10.1	40.68	61.64	-20.96	-	-
4	.25575	14.13	Ca	0	0	10.1	24.23	-	-	51.57	-27.34
5	.28725	26.69	Qp	0	0	10.1	36.79	60.6	-23.81	-	-
6	.28725	10.86	Ca	0	0	10.1	20.96	-	-	50.6	-29.64
7	.816	32.57	Qp	0	0	10.1	42.67	56	-13.33	-	-
8	.816	24.48	Ca	0	0	10.1	34.58	-	-	46	-11.42
9	13.56	54.5	Qp	.1	.2	10.2	65	60	5	-	-
10	13.56	51.68	Ca	.1	.2	10.2	62.18	-	-	50	12.18
11	14.375	16.84	Qp	0	.2	10.2	27.24	60	-32.76	-	-
12	14.3768	6.3	Ca	0	.2	10.2	16.7	-	-	50	-33.3

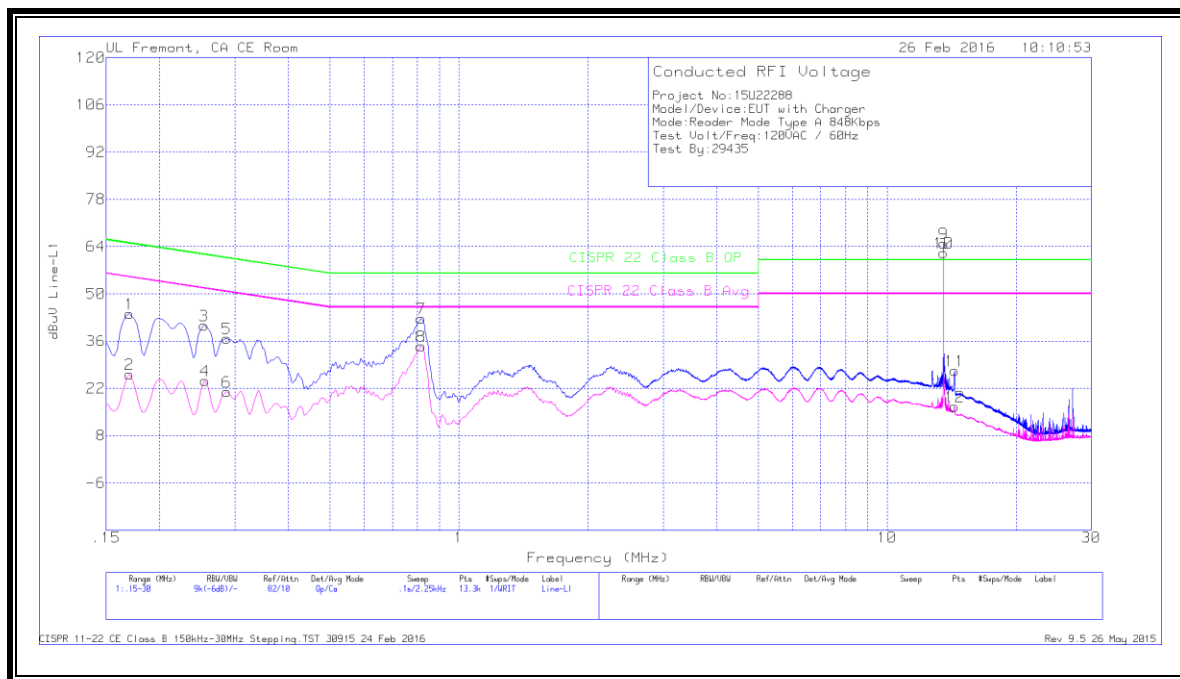
Range 2: Line-L2 .15 - 30MHz											
Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	T1310 IL L2	LC Cables 2&3	Limiter (dB)	Corrected Reading dBuV	CISPR 22 Class B QP	Margin (dB)	CISPR 22 Class B Avg	Margin (dB)
13	.17025	34.88	Qp	0	0	10.1	44.98	64.95	-19.97	-	-
14	.17025	15.99	Ca	0	0	10.1	26.09	-	-	54.95	-28.86
15	.2535	31.23	Qp	0	0	10.1	41.33	61.64	-20.31	-	-
16	.2535	12.27	Ca	0	0	10.1	22.37	-	-	51.64	-29.27
17	.28725	27.36	Qp	0	0	10.1	37.46	60.6	-23.14	-	-
18	.28725	8.87	Ca	0	0	10.1	18.97	-	-	50.6	-31.63
19	.80925	32.75	Qp	0	0	10.1	42.85	56	-13.15	-	-
20	.816	18.98	Ca	0	0	10.1	29.08	-	-	46	-16.92
21	13.56	54	Qp	.1	.2	10.2	64.5	60	4.5	-	-
22	13.56	50.82	Ca	.1	.2	10.2	61.32	-	-	50	11.32
23	14.37675	12.38	Qp	.1	.2	10.2	22.88	60	-37.12	-	-
24	14.379	5.21	Ca	.1	.2	10.2	15.71	-	-	50	-34.29

Qp - Quasi-Peak detector

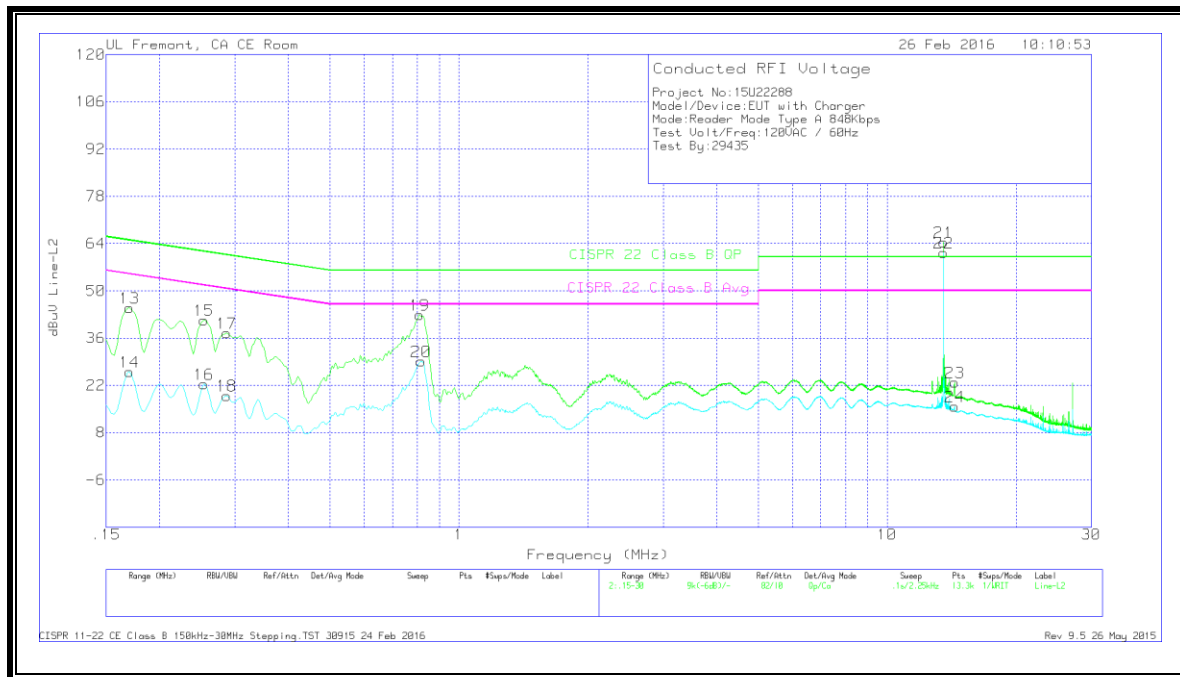
Ca - CISPR average detection

Note: 13.56MHz is a fundamental frequency of the EUT. Data under the following section indicate that when the antenna terminal is terminated the fundamental amplitude is lowering below the limit line.

LINE 1 RESULTS



LINE 2 RESULTS



10.4.2. WITH ANTENNA PORT TERMINATED 848KBPS

WORST EMISSIONS

Range 1: Line-L1 .15 - 30MHz											
Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	T1310 IL L1	LC Cables 1&3	Limiter (dB)	Corrected Reading dBuV	CFR 47 Part 15 Class B QP	QP Margin (dB)	CFR 47 Part 15 Class B Avg	Av(CISPR) Margin (dB)
1	.168	32.26	Qp	0	0	10.1	42.36	65.06	-22.7	-	-
2	.168	14.67	Ca	0	0	10.1	24.77	-	-	55.06	-30.29
3	.25125	29.6	Qp	0	0	10.1	39.7	61.72	-22.02	-	-
4	.25125	11.99	Ca	0	0	10.1	22.09	-	-	51.72	-29.63
5	.3345	25.67	Qp	0	0	10.1	35.77	59.34	-23.57	-	-
6	.33675	8.93	Ca	0	0	10.1	19.03	-	-	49.28	-30.25
7	.816	31.6	Qp	0	0	10.1	41.7	56	-14.3	-	-
8	.8115	19.49	Ca	0	0	10.1	29.59	-	-	46	-16.41
9	1.455	16.7	Qp	0	.1	10.1	26.9	56	-29.1	-	-
10	1.45275	7.11	Ca	0	.1	10.1	17.31	-	-	46	-28.69
11	2.274	14.59	Qp	0	.1	10.1	24.79	56	-31.21	-	-
12	2.274	7.26	Ca	0	.1	10.1	17.46	-	-	46	-28.54

Qp - Quasi-Peak detector

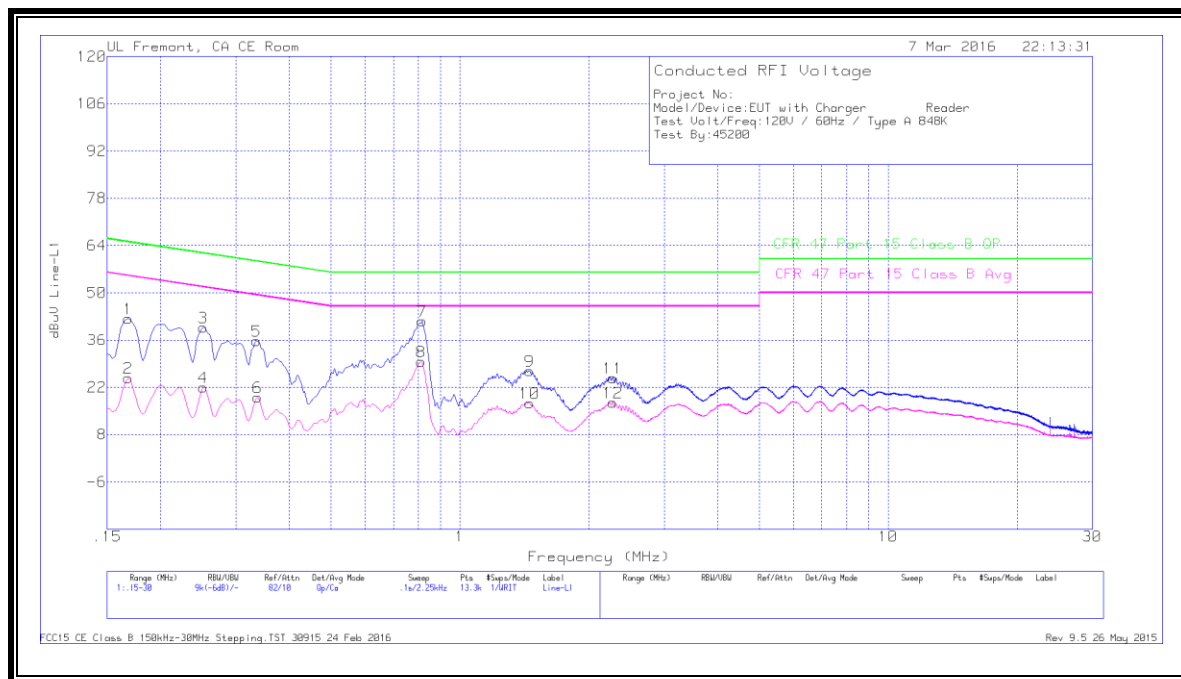
Ca - CISPR average detection

Range 2: Line-L2 .15 - 30MHz											
Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	T1310 IL L2	LC Cables 2&3	Limiter (dB)	Corrected Reading dBuV	CFR 47 Part 15 Class B QP	QP Margin (dB)	CFR 47 Part 15 Class B Avg	Av(CISPR) Margin (dB)
13	.168	33.18	Qp	0	0	10.1	43.28	65.06	-21.78	-	-
14	.168	15.76	Ca	0	0	10.1	25.86	-	-	55.06	-29.2
15	.25238	29.85	Qp	0	0	10.1	39.95	61.68	-21.73	-	-
16	.2535	13.66	Ca	0	0	10.1	23.76	-	-	51.64	-27.88
17	.3345	24.99	Qp	0	0	10.1	35.09	59.34	-24.25	-	-
18	.33675	10.1	Ca	0	0	10.1	20.2	-	-	49.28	-29.08
19	.81375	30.63	Qp	0	0	10.1	40.73	56	-15.27	-	-
20	.8115	22.62	Ca	0	0	10.1	32.72	-	-	46	-13.28
21	1.455	17.14	Qp	0	.1	10.1	27.34	56	-28.66	-	-
22	1.44825	10.83	Ca	0	.1	10.1	21.03	-	-	46	-24.97
23	2.27738	15.9	Qp	0	.1	10.1	26.1	56	-29.9	-	-
24	2.2785	10.71	Ca	0	.1	10.1	20.91	-	-	46	-25.09

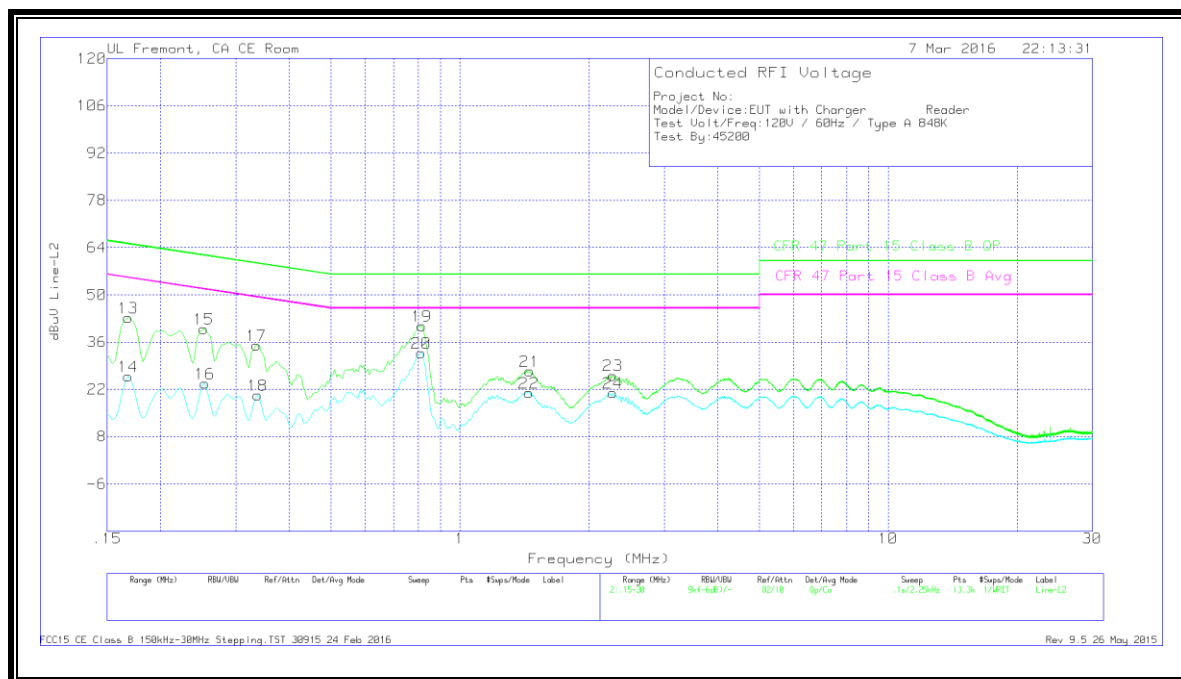
Qp - Quasi-Peak detector

Ca - CISPR average detection

LINE 1 RESULTS



LINE 2 RESULTS



10.4.3. NORMAL OPERATION 424KBPS

WORST EMISSIONS

Range 1: Line-L1 .15 - 30MHz											
Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	T1310 IL L1	LC Cables 1&3	Limiter (dB)	Corrected Reading dBuV	CISPR 22 Class B QP	Margin (dB)	CISPR 22 Class B Avg	Margin (dB)
1	.17025	33.97	Qp	0	0	10.1	44.07	64.95	-20.88	-	-
2	.17025	15.32	Ca	0	0	10.1	25.42	-	-	54.95	-29.53
3	.25575	30.73	Qp	0	0	10.1	40.83	61.57	-20.74	-	-
4	.25575	12.08	Ca	0	0	10.1	22.18	-	-	51.57	-29.39
5	.816	32.55	Qp	0	0	10.1	42.65	56	-13.35	-	-
6	.81825	18.75	Ca	0	0	10.1	28.85	-	-	46	-17.15
7	13.24613	23.64	Qp	.1	.2	10.2	34.14	60	-25.86	-	-
8	13.24613	15.67	Ca	.1	.2	10.2	26.17	-	-	50	-23.83
9	13.56	56.05	Qp	.1	.2	10.2	66.55	60	6.55	-	-
10	13.56	53.58	Ca	.1	.2	10.2	64.08	-	-	50	14.08
11	13.87275	23.03	Qp	.1	.2	10.2	33.53	60	-26.47	-	-
12	13.87275	15.09	Ca	.1	.2	10.2	25.59	-	-	50	-24.41

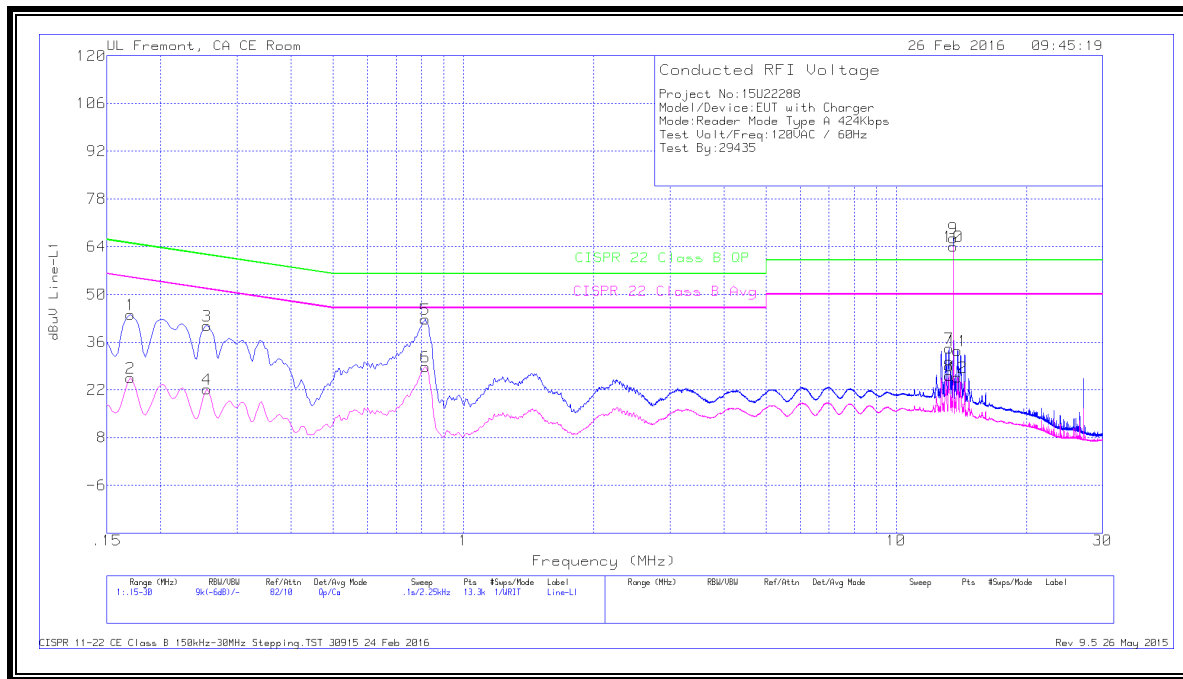
Range 2: Line-L2 .15 - 30MHz											
Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	T1310 IL L2	LC Cables 2&3	Limiter (dB)	Corrected Reading dBuV	CISPR 22 Class B QP	Margin (dB)	CISPR 22 Class B Avg	Margin (dB)
13	.17025	34.6	Qp	0	0	10.1	44.7	64.95	-20.25	-	-
14	.17025	16.35	Ca	0	0	10.1	26.45	-	-	54.95	-28.5
15	.2535	30.96	Qp	0	0	10.1	41.06	61.64	-20.58	-	-
16	.2535	13.87	Ca	0	0	10.1	23.97	-	-	51.64	-27.67
17	.8115	31.94	Qp	0	0	10.1	42.04	56	-13.96	-	-
18	.81487	22.96	Ca	0	0	10.1	33.06	-	-	46	-12.94
19	13.245	20.87	Qp	.1	.2	10.2	31.37	60	-28.63	-	-
20	13.245	14	Ca	.1	.2	10.2	24.5	-	-	50	-25.5
21	13.56	52.54	Qp	.1	.2	10.2	63.04	60	3.04	-	-
22	13.56	51.81	Ca	.1	.2	10.2	62.31	-	-	50	12.31
23	13.87275	20.18	Qp	.1	.2	10.2	30.68	60	-29.32	-	-
24	13.87275	13.36	Ca	.1	.2	10.2	23.86	-	-	50	-26.14

Qp - Quasi-Peak detector

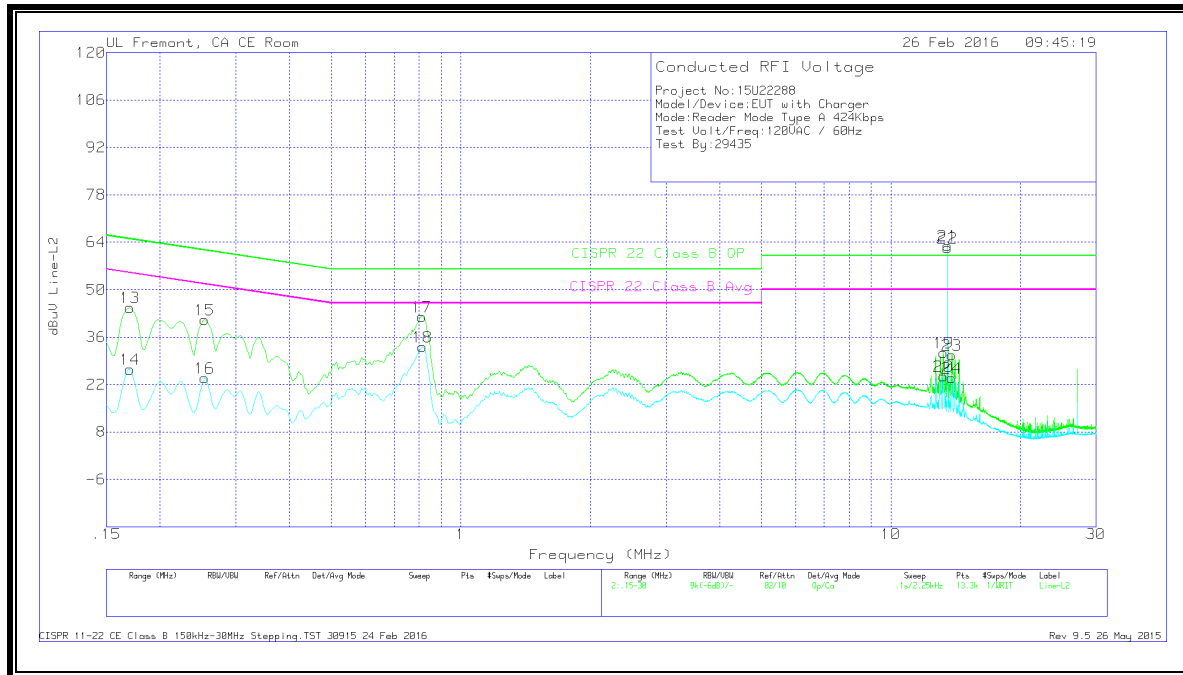
Ca - CISPR average detection

Note: 13.56MHz is a fundamental frequency of the EUT. Data under the following section indicate that when the antenna terminal is terminated the fundamental amplitude is lowering below the limit line.

LINE 1 RESULTS



LINE 2 RESULTS



10.4.4. WITH ANTENNA PORT TERMINATED 424KBPS

WORST EMISSIONS

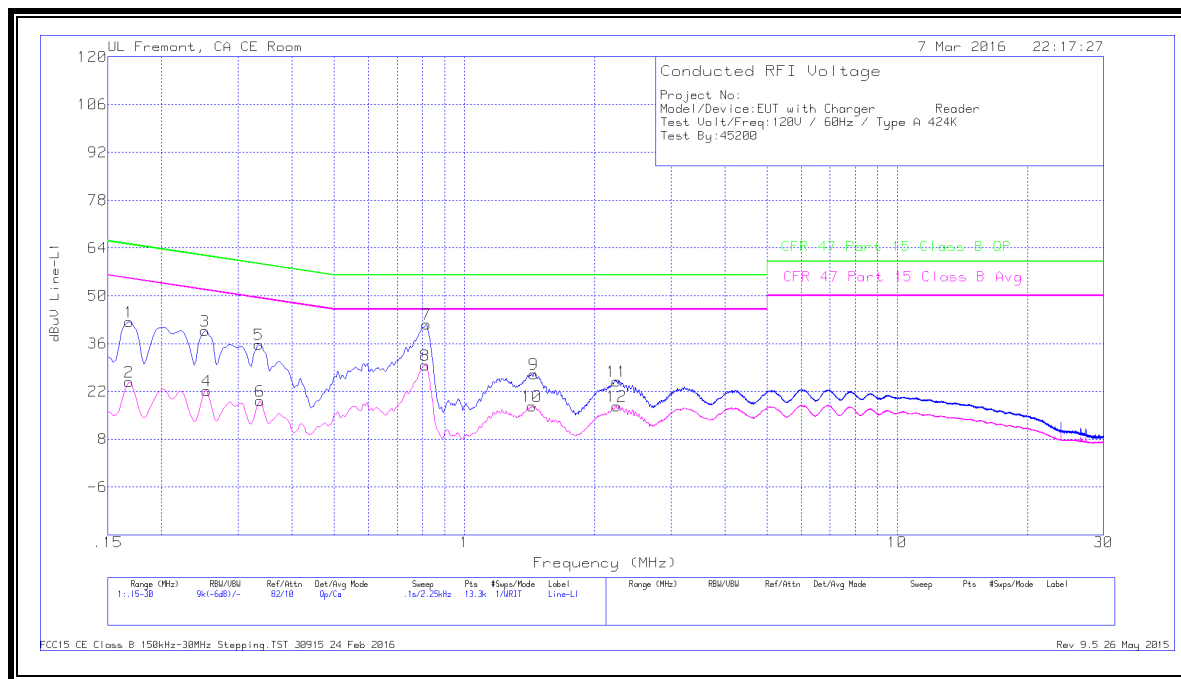
Range 1: Line-L1 .15 - 30MHz											
Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	T1310 IL L1	LC Cables 1&3	Limiter (dB)	Corrected Reading dBuV	CFR 47 Part 15 Class B QP	QP Margin (dB)	CFR 47 Part 15 Class B Avg	Av(CISPR) Margin (dB)
1	.168	32.28	Qp	0	0	10.1	42.38	65.06	-22.68	-	-
2	.168	14.71	Ca	0	0	10.1	24.81	-	-	55.06	-30.25
3	.25125	29.62	Qp	0	0	10.1	39.72	61.72	-22	-	-
4	.2535	12.09	Ca	0	0	10.1	22.19	-	-	51.64	-29.45
5	.3345	25.69	Qp	0	0	10.1	35.79	59.34	-23.55	-	-
6	.33675	9.06	Ca	0	0	10.1	19.16	-	-	49.28	-30.12
7	.81825	31.53	Qp	0	0	10.1	41.63	56	-14.37	-	-
8	.8115	19.56	Ca	0	0	10.1	29.66	-	-	46	-16.34
9	1.44375	16.81	Qp	0	.1	10.1	27.01	56	-28.99	-	-
10	1.4325	7.45	Ca	0	.1	10.1	17.65	-	-	46	-28.35
11	2.24925	14.75	Qp	0	.1	10.1	24.95	56	-31.05	-	-
12	2.24475	7.44	Ca	0	.1	10.1	17.64	-	-	46	-28.36

Range 2: Line-L2 .15 - 30MHz											
Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	T1310 IL L2	LC Cables 2&3	Limiter (dB)	Corrected Reading dBuV	CFR 47 Part 15 Class B QP	QP Margin (dB)	CFR 47 Part 15 Class B Avg	Av(CISPR) Margin (dB)
13	.168	33.21	Qp	0	0	10.1	43.31	65.06	-21.75	-	-
14	.168	15.71	Ca	0	0	10.1	25.81	-	-	55.06	-29.25
15	.25125	29.88	Qp	0	0	10.1	39.98	61.72	-21.74	-	-
16	.2535	13.71	Ca	0	0	10.1	23.81	-	-	51.64	-27.83
17	.3345	25.1	Qp	0	0	10.1	35.2	59.34	-24.14	-	-
18	.33675	10.17	Ca	0	0	10.1	20.27	-	-	49.28	-29.01
19	.81375	30.85	Qp	0	0	10.1	40.95	56	-15.05	-	-
20	.81375	22.72	Ca	0	0	10.1	32.82	-	-	46	-13.18
21	1.44825	17.24	Qp	0	.1	10.1	27.44	56	-28.56	-	-
22	1.455	11.05	Ca	0	.1	10.1	21.25	-	-	46	-24.75
23	2.274	15.93	Qp	0	.1	10.1	26.13	56	-29.87	-	-
24	2.274	10.69	Ca	0	.1	10.1	20.89	-	-	46	-25.11

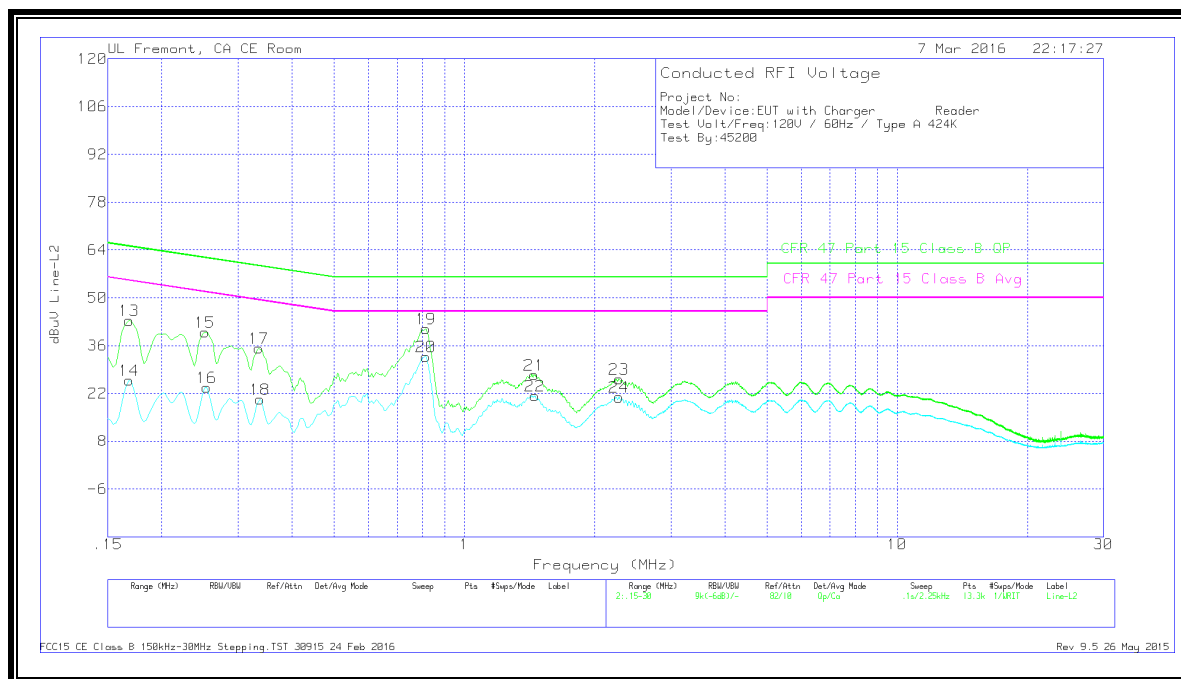
Qp - Quasi-Peak detector

Ca - CISPR average detection

LINE 1 RESULTS



LINE 2 RESULTS



10.4.5. NORMAL OPERATION 212KBPS

WORST EMISSIONS

Range 1: Line-L1 .15 - 30MHz											
Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	T24 IL L1	LC Cables 1&3	Limiter (dB)	Corrected Reading dBuV	CFR 47 Part 15 Class B QP	QP Margin (dB)	CFR 47 Part 15 Class B Avg	Av(CISPR) Margin (dB)
1	.168	32.69	Qp	1.2	0	10.1	43.99	65.06	-21.07	-	-
2	.168	16.06	Ca	1.2	0	10.1	27.36	-	-	55.06	-27.7
3	.19725	31.27	Qp	1	0	10.1	42.37	63.73	-21.36	-	-
4	.20063	14.41	Ca	.9	0	10.1	25.41	-	-	53.58	-28.17
5	.25125	29.82	Qp	.7	0	10.1	40.62	61.72	-21.1	-	-
6	.2535	14.21	Ca	.7	0	10.1	25.01	-	-	51.64	-26.63
7	.28725	25.92	Qp	.6	0	10.1	36.62	60.6	-23.98	-	-
8	.28725	10.67	Ca	.6	0	10.1	21.37	-	-	50.6	-29.23
9	.33675	25.74	Qp	.5	0	10.1	36.34	59.28	-22.94	-	-
10	.33675	11.07	Ca	.5	0	10.1	21.67	-	-	49.28	-27.61
11	.816	30.82	Qp	.3	0	10.1	41.22	56	-14.78	-	-
12	.81375	22.69	Ca	.3	0	10.1	33.09	-	-	46	-12.91
13	13.56	46.44	Qp	.2	.2	10.2	57.04	60	-2.96	-	-
14	13.56	43.33	Ca	.2	.2	10.2	53.93	-	-	50	3.93

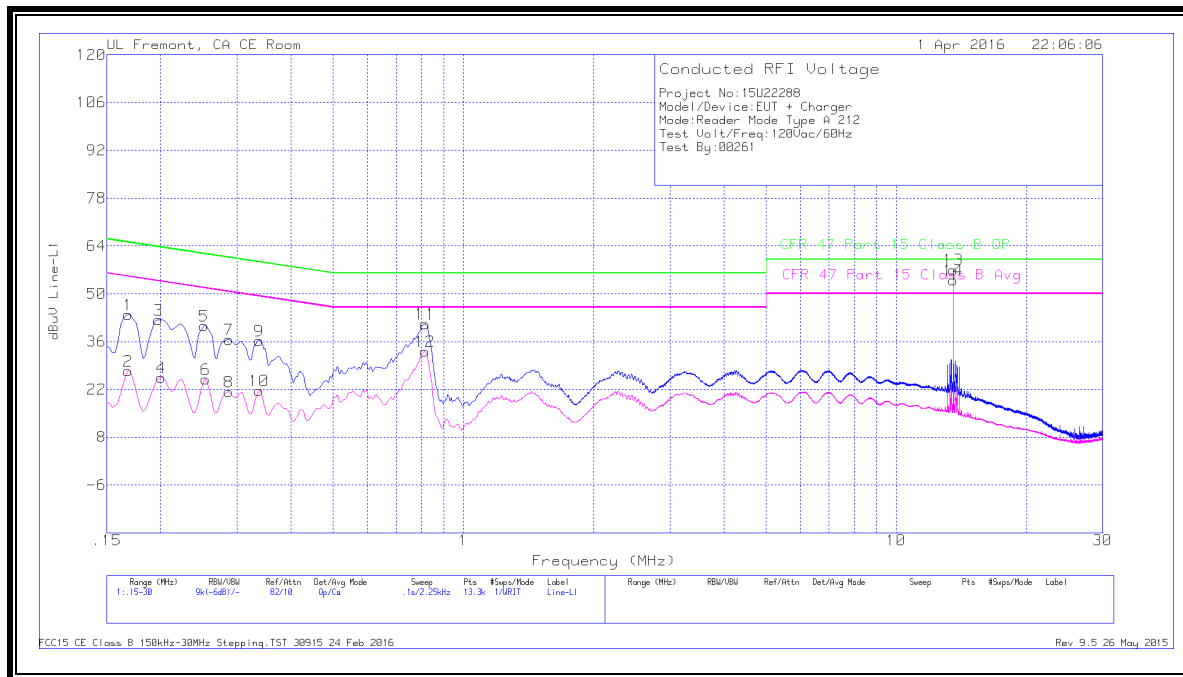
Range 2: Line-L2 .15 - 30MHz											
Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	T24 IL L2	LC Cables 2&3	Limiter (dB)	Corrected Reading dBuV	CFR 47 Part 15 Class B QP	QP Margin (dB)	CFR 47 Part 15 Class B Avg	Av(CISPR) Margin (dB)
15	.168	33.54	Qp	1.3	0	10.1	44.94	65.06	-20.12	-	-
16	.168	15.51	Ca	1.3	0	10.1	26.91	-	-	55.06	-28.15
17	.222	29.6	Qp	.9	0	10.1	40.6	62.74	-22.14	-	-
18	.222	11.28	Ca	.9	0	10.1	22.28	-	-	52.74	-30.46
19	.2535	30.35	Qp	.7	0	10.1	41.15	61.64	-20.49	-	-
20	.2535	12.24	Ca	.7	0	10.1	23.04	-	-	51.64	-28.6
21	.285	26.77	Qp	.6	0	10.1	37.47	60.67	-23.2	-	-
22	.285	8.55	Ca	.6	0	10.1	19.25	-	-	50.67	-31.42
23	.3345	25.32	Qp	.5	0	10.1	35.92	59.34	-23.42	-	-
24	.33675	7.56	Ca	.5	0	10.1	18.16	-	-	49.28	-31.12
25	.8205	31.04	Qp	.3	0	10.1	41.44	56	-14.56	-	-
26	.81825	16.78	Ca	.3	0	10.1	27.18	-	-	46	-18.82
27	13.56	46.08	Qp	.2	.2	10.2	56.68	60	-3.32	-	-
28	13.56	42.77	Ca	.2	.2	10.2	53.37	-	-	50	3.37

Qp - Quasi-Peak detector

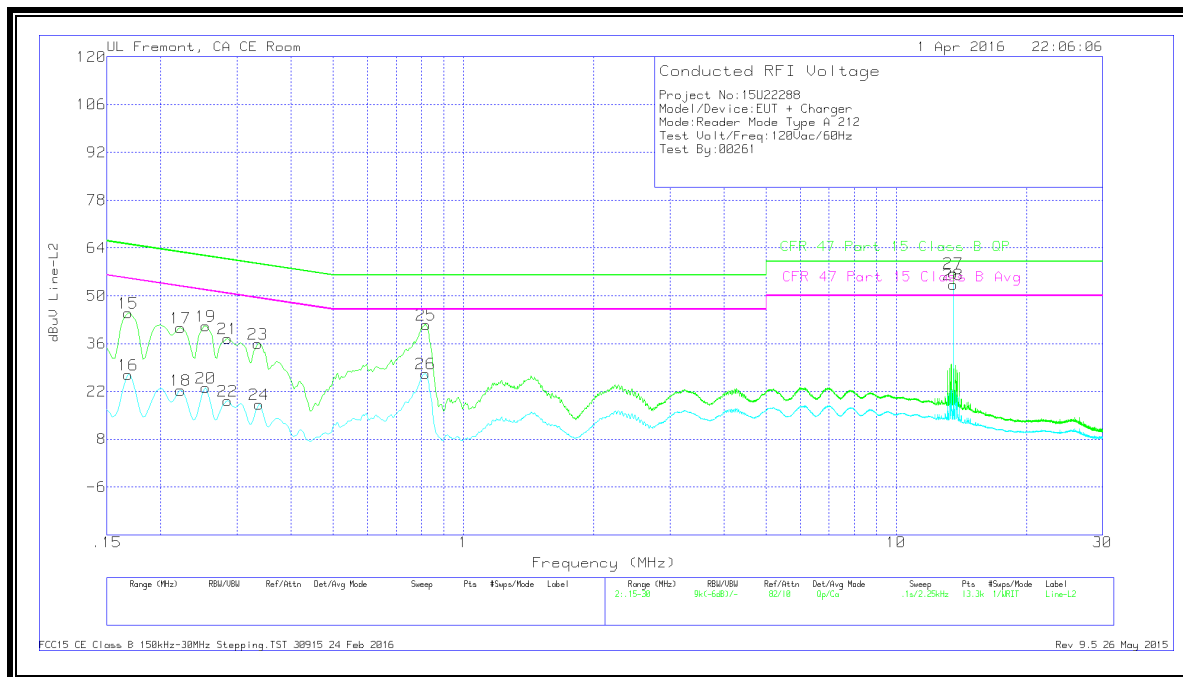
Ca - CISPR average detection

Note: 13.56MHz is a fundamental frequency of the EUT. Data under the following section indicate that when the antenna terminal is terminated the fundamental amplitude is lowering below the limit line.

LINE 1 RESULTS



LINE 2 RESULTS



10.4.6. WITH ANTENNA PORT TERMINATED 212KBPS

WORST EMISSIONS

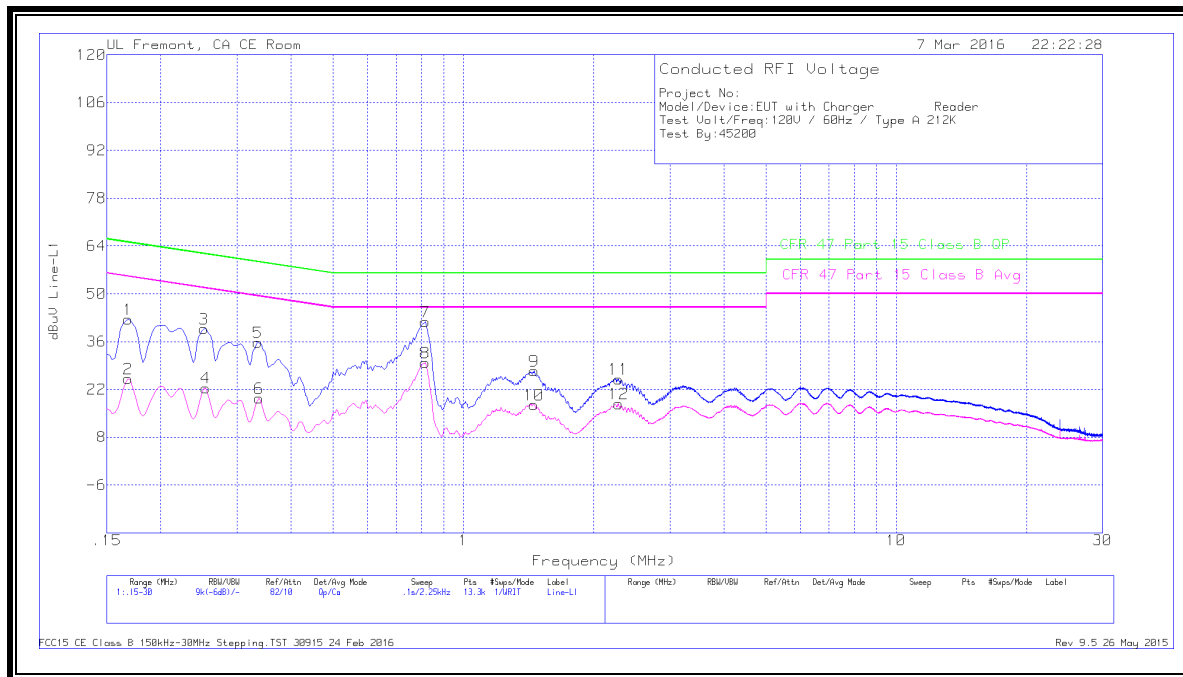
Range 1: Line-L1 .15 - 30MHz											
Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	T1310 IL L1	LC Cables 1&3	Limiter (dB)	Corrected Reading dBuV	CFR 47 Part 15 Class B QP	QP Margin (dB)	CFR 47 Part 15 Class B Avg	Av(CISPR) Margin (dB)
1	.168	32.35	Qp	0	0	10.1	42.45	65.06	-22.61	-	-
2	.168	15.01	Ca	0	0	10.1	25.11	-	-	55.06	-29.95
3	.25125	29.67	Qp	0	0	10.1	39.77	61.72	-21.95	-	-
4	.2535	12.35	Ca	0	0	10.1	22.45	-	-	51.64	-29.19
5	.3345	25.63	Qp	0	0	10.1	35.73	59.34	-23.61	-	-
6	.33675	9.23	Ca	0	0	10.1	19.33	-	-	49.28	-29.95
7	.816	31.74	Qp	0	0	10.1	41.84	56	-14.16	-	-
8	.816	19.66	Ca	0	0	10.1	29.76	-	-	46	-16.24
9	1.45725	17.16	Qp	0	.1	10.1	27.36	56	-28.64	-	-
10	1.45388	7.37	Ca	0	.1	10.1	17.57	-	-	46	-28.43
11	2.28075	14.85	Qp	0	.1	10.1	25.05	56	-30.95	-	-
12	2.28075	7.56	Ca	0	.1	10.1	17.76	-	-	46	-28.24

Range 2: Line-L2 .15 - 30MHz											
Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	T1310 IL L2	LC Cables 2&3	Limiter (dB)	Corrected Reading dBuV	CFR 47 Part 15 Class B QP	QP Margin (dB)	CFR 47 Part 15 Class B Avg	Av(CISPR) Margin (dB)
13	.168	33.22	Qp	0	0	10.1	43.32	65.06	-21.74	-	-
14	.168	15.71	Ca	0	0	10.1	25.81	-	-	55.06	-29.25
15	.25238	29.87	Qp	0	0	10.1	39.97	61.68	-21.71	-	-
16	.2535	13.67	Ca	0	0	10.1	23.77	-	-	51.64	-27.87
17	.3345	25.04	Qp	0	0	10.1	35.14	59.34	-24.2	-	-
18	.33675	10.08	Ca	0	0	10.1	20.18	-	-	49.28	-29.1
19	.816	30.76	Qp	0	0	10.1	40.86	56	-15.14	-	-
20	.816	22.51	Ca	0	0	10.1	32.61	-	-	46	-13.39
21	1.45275	17.44	Qp	0	.1	10.1	27.64	56	-28.36	-	-
22	1.455	10.95	Ca	0	.1	10.1	21.15	-	-	46	-24.85
23	2.31	15.72	Qp	0	.1	10.1	25.92	56	-30.08	-	-
24	2.31	10.21	Ca	0	.1	10.1	20.41	-	-	46	-25.59

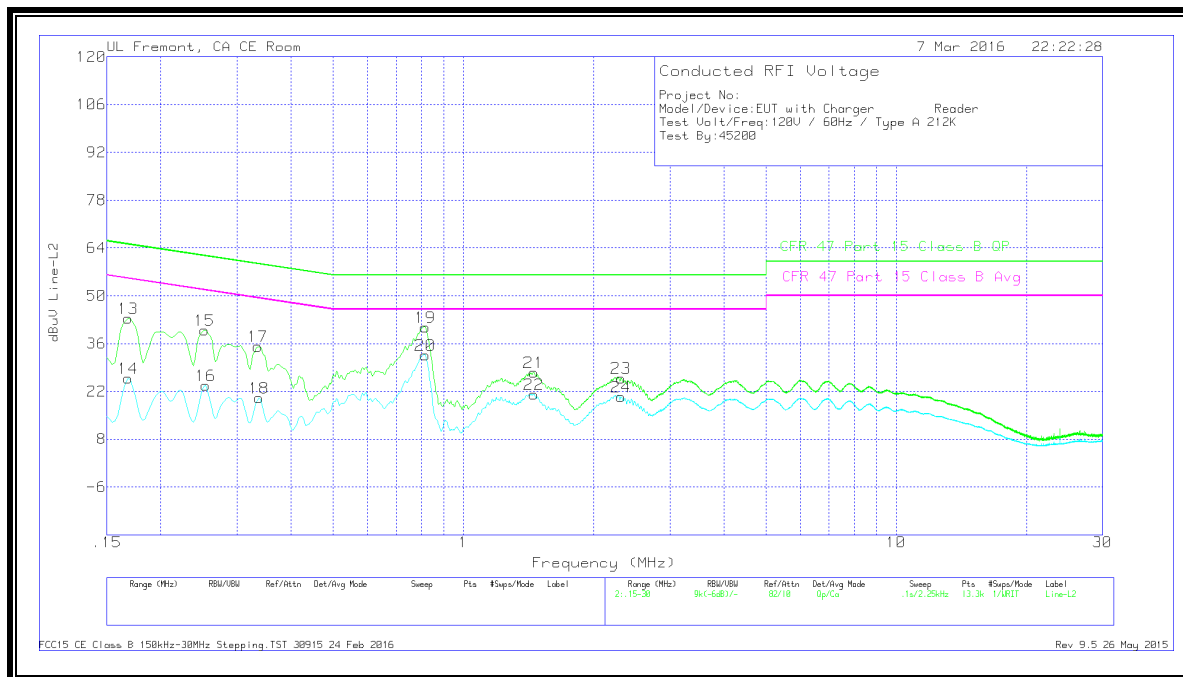
Qp - Quasi-Peak detector

Ca - CISPR average detection

LINE 1 RESULTS



LINE 2 RESULTS



10.4.7. NORMAL OPERATION 106KBPS

WORST EMISSIONS

Range 1: Line-L1 .15 - 30MHz											
Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	T24 IL L1	LC Cables 1&3	Limiter (dB)	Corrected Reading dBuV	CFR 47 Part 15 Class B QP	QP Margin (dB)	CFR 47 Part 15 Class B Avg	Av(CISPR) Margin (dB)
1	.168	32.74	Qp	1.2	0	10.1	44.04	65.06	-21.02	-	-
2	.168	15.51	Ca	1.2	0	10.1	26.81	-	-	55.06	-28.25
3	.19725	31.61	Qp	1	0	10.1	42.71	63.73	-21.02	-	-
4	.1995	14.05	Ca	.9	0	10.1	25.05	-	-	53.63	-28.58
5	.25125	29.78	Qp	.7	0	10.1	40.58	61.72	-21.14	-	-
6	.2535	13.59	Ca	.7	0	10.1	24.39	-	-	51.64	-27.25
7	.285	25.95	Qp	.6	0	10.1	36.65	60.67	-24.02	-	-
8	.285	10.1	Ca	.6	0	10.1	20.8	-	-	50.67	-29.87
9	.34012	25.57	Qp	.5	0	10.1	36.17	59.2	-23.03	-	-
10	.339	10.4	Ca	.5	0	10.1	21	-	-	49.23	-28.23
11	.81375	30.57	Qp	.3	0	10.1	40.97	56	-15.03	-	-
12	.81375	22.34	Ca	.3	0	10.1	32.74	-	-	46	-13.26
13	13.56	48.82	Qp	.2	.2	10.2	59.42	60	-.58	-	-
14	13.56	45.64	Ca	.2	.2	10.2	56.24	-	-	50	6.24

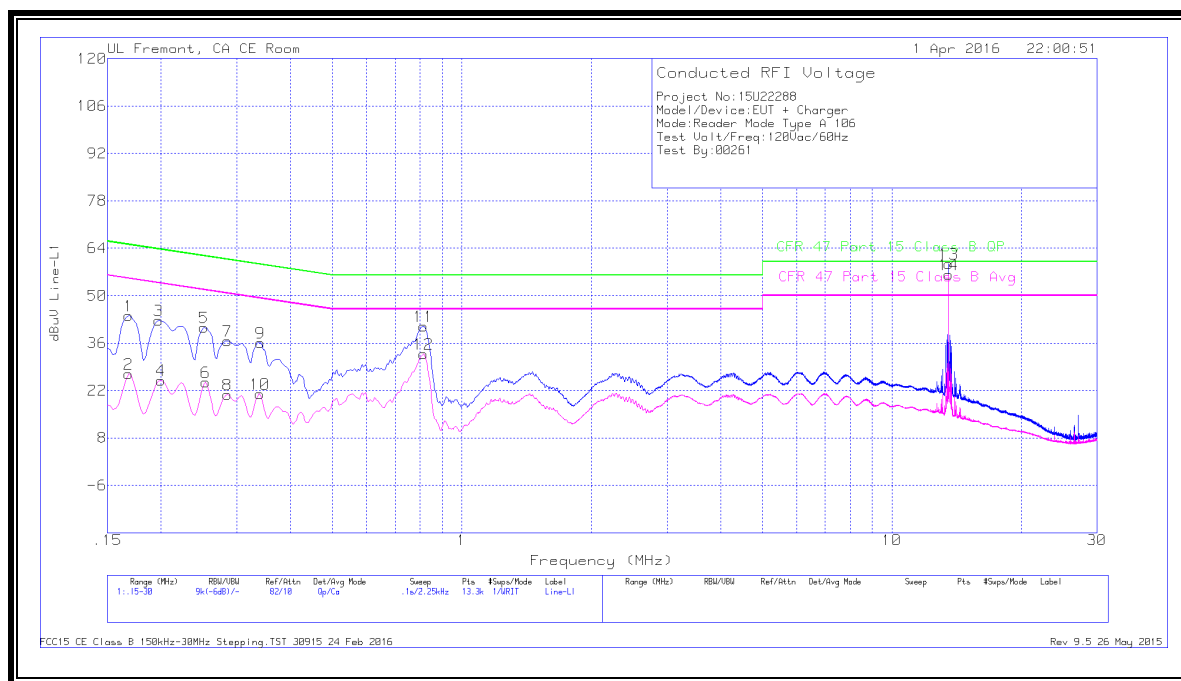
Range 2: Line-L2 .15 - 30MHz											
Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	T24 IL L2	LC Cables 2&3	Limiter (dB)	Corrected Reading dBuV	CFR 47 Part 15 Class B QP	QP Margin (dB)	CFR 47 Part 15 Class B Avg	Av(CISPR) Margin (dB)
15	.168	33.55	Qp	1.3	0	10.1	44.95	65.06	-20.11	-	-
16	.168	15.02	Ca	1.3	0	10.1	26.42	-	-	55.06	-28.64
17	.222	29.78	Qp	.9	0	10.1	40.78	62.74	-21.96	-	-
18	.222	11.05	Ca	.9	0	10.1	22.05	-	-	52.74	-30.69
19	.2535	30.37	Qp	.7	0	10.1	41.17	61.64	-20.47	-	-
20	.2535	11.62	Ca	.7	0	10.1	22.42	-	-	51.64	-29.22
21	.285	26.45	Qp	.6	0	10.1	37.15	60.67	-23.52	-	-
22	.285	7.78	Ca	.6	0	10.1	18.48	-	-	50.67	-32.19
23	.33675	25.29	Qp	.5	0	10.1	35.89	59.28	-23.39	-	-
24	.33675	6.85	Ca	.5	0	10.1	17.45	-	-	49.28	-31.83
25	.81825	31.19	Qp	.3	0	10.1	41.59	56	-14.41	-	-
26	.816	16.17	Ca	.3	0	10.1	26.57	-	-	46	-19.43
27	13.56	48.53	Qp	.2	.2	10.2	59.13	60	-.87	-	-
28	13.56	44.99	Ca	.2	.2	10.2	55.59	-	-	50	5.59

Qp - Quasi-Peak detector

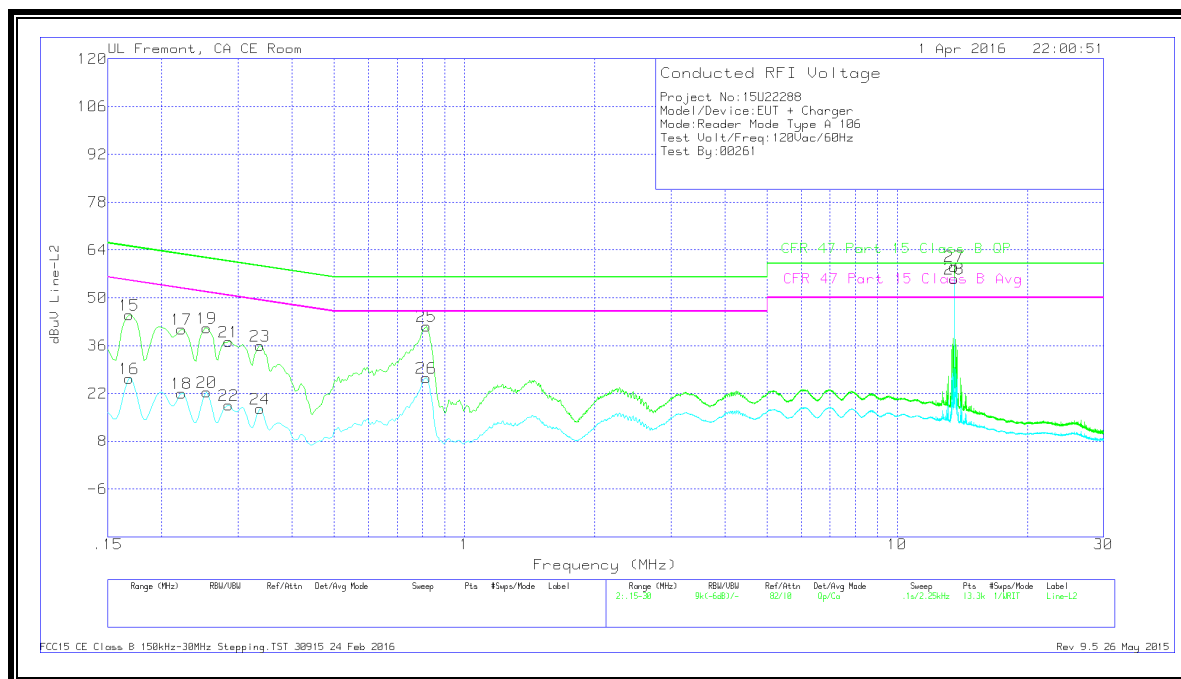
Ca - CISPR average detection

Note: 13.56MHz is a fundamental frequency of the EUT. Data under the following section indicate that when the antenna terminal is terminated the fundamental amplitude is lowering below the limit line.

LINE 1 RESULTS



LINE 2 RESULTS



10.4.8. WITH ANTENNA PORT TERMINATED 106KBPS

WORST EMISSIONS

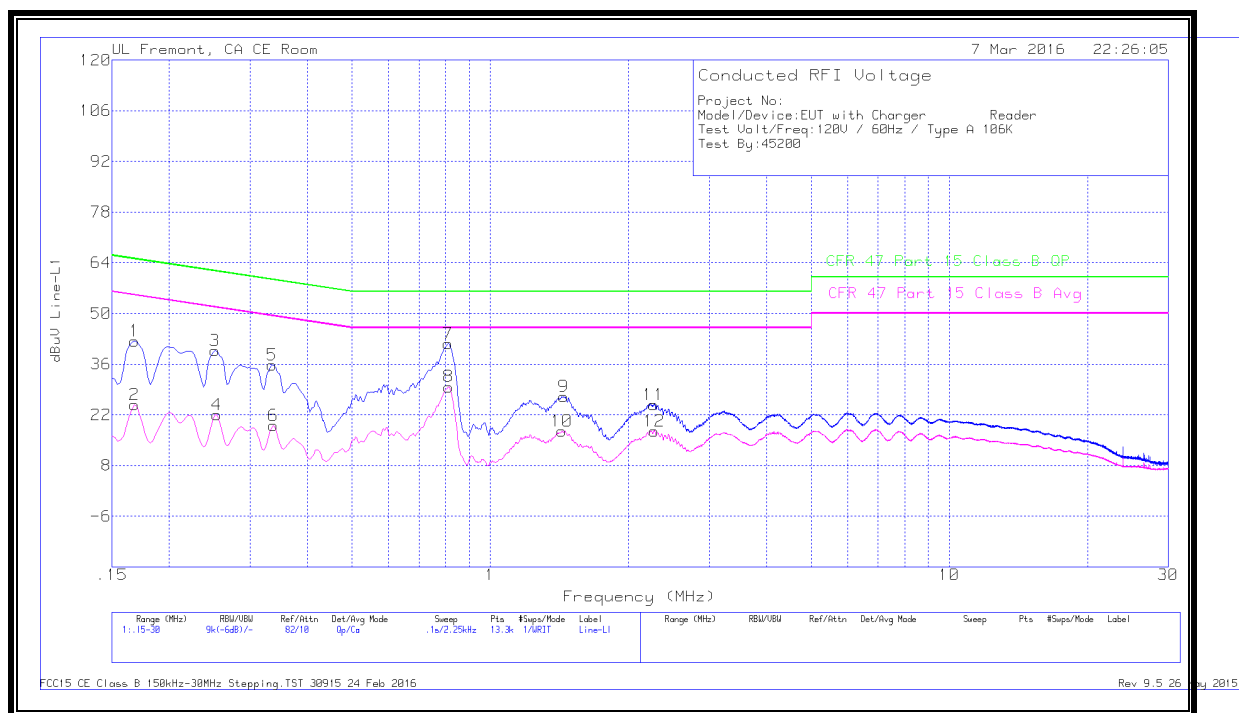
Range 1: Line-L1 .15 - 30MHz											
Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	T1310 IL L1	LC Cables 1&3	Limiter (dB)	Corrected Reading dBuV	CFR 47 Part 15 Class B QP	QP Margin (dB)	CFR 47 Part 15 Class B Avg	Av(CISPR) Margin (dB)
1	.168	32.33	Qp	0	0	10.1	42.43	65.06	-22.63	-	-
2	.168	14.62	Ca	0	0	10.1	24.72	-	-	55.06	-30.34
3	.25125	29.64	Qp	0	0	10.1	39.74	61.72	-21.98	-	-
4	.2535	11.95	Ca	0	0	10.1	22.05	-	-	51.64	-29.59
5	.3345	25.69	Qp	0	0	10.1	35.79	59.34	-23.55	-	-
6	.33675	8.92	Ca	0	0	10.1	19.02	-	-	49.28	-30.26
7	.80925	31.49	Qp	0	0	10.1	41.59	56	-14.41	-	-
8	.8115	19.65	Ca	0	0	10.1	29.75	-	-	46	-16.25
9	1.446	16.93	Qp	0	.1	10.1	27.13	56	-28.87	-	-
10	1.4325	7.34	Ca	0	.1	10.1	17.54	-	-	46	-28.46
11	2.2695	14.62	Qp	0	.1	10.1	24.82	56	-31.18	-	-
12	2.274	7.36	Ca	0	.1	10.1	17.56	-	-	46	-28.44

Range 2: Line-L2 .15 - 30MHz											
Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	T1310 IL L2	LC Cables 2&3	Limiter (dB)	Corrected Reading dBuV	CFR 47 Part 15 Class B QP	QP Margin (dB)	CFR 47 Part 15 Class B Avg	Av(CISPR) Margin (dB)
13	.168	33.29	Qp	0	0	10.1	43.39	65.06	-21.67	-	-
14	.168	15.86	Ca	0	0	10.1	25.96	-	-	55.06	-29.1
15	.25125	29.96	Qp	0	0	10.1	40.06	61.72	-21.66	-	-
16	.2535	13.77	Ca	0	0	10.1	23.87	-	-	51.64	-27.77
17	.3345	25.12	Qp	0	0	10.1	35.22	59.34	-24.12	-	-
18	.33675	10.19	Ca	0	0	10.1	20.29	-	-	49.28	-28.99
19	.8115	31.08	Qp	0	0	10.1	41.18	56	-14.82	-	-
20	.8115	22.71	Ca	0	0	10.1	32.81	-	-	46	-13.19
21	1.4505	17.28	Qp	0	.1	10.1	27.48	56	-28.52	-	-
22	1.45613	10.94	Ca	0	.1	10.1	21.14	-	-	46	-24.86
23	2.2785	15.94	Qp	0	.1	10.1	26.14	56	-29.86	-	-
24	2.28075	10.75	Ca	0	.1	10.1	20.95	-	-	46	-25.05

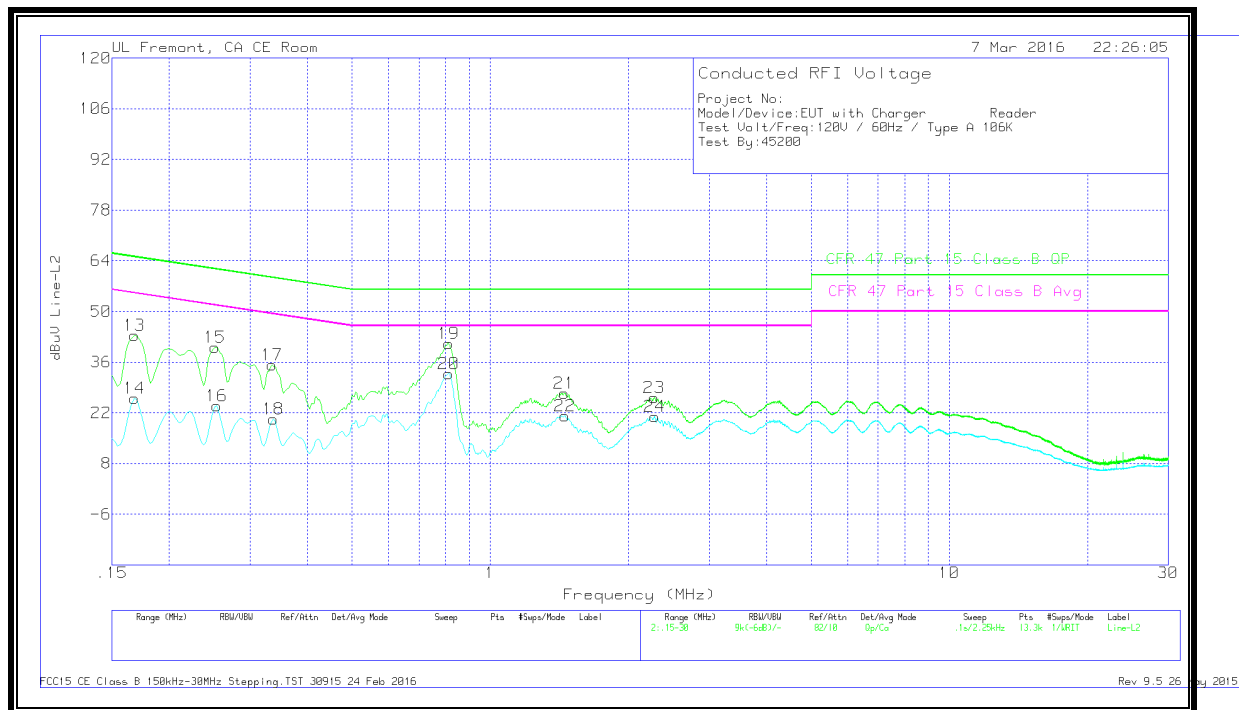
Qp - Quasi-Peak detector

Ca - CISPR average detection

LINE 1 RESULTS



LINE 2 RESULTS



10.5. READER MODE TYPE B

10.5.1. NORMAL OPERATION 848KBPS

WORST EMISSIONS

Range 1: Line-L1 .15 - 30MHz											
Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	T1310 IL L1	LC Cables 1&3	Limiter (dB)	Corrected Reading dBuV	CISPR 22 Class B QP	Margin (dB)	CISPR 22 Class B Avg	Margin (dB)
1	.17025	33.91	Qp	0	0	10.1	44.01	64.95	-20.94	-	-
2	.17025	17.04	Ca	0	0	10.1	27.14	-	-	54.95	-27.81
3	.19725	32.45	Qp	0	0	10.1	42.55	63.73	-21.18	-	-
4	.20175	15.43	Ca	0	0	10.1	25.53	-	-	53.54	-28.01
5	.816	32.7	Qp	0	0	10.1	42.8	56	-13.2	-	-
6	.816	24.7	Ca	0	0	10.1	34.8	-	-	46	-11.2
7	12.7455	22.79	Qp	.1	.2	10.2	33.29	60	-26.71	-	-
8	12.74325	9.83	Ca	.1	.2	10.2	20.33	-	-	50	-29.67
9	13.56	61.64	Qp	.1	.2	10.2	72.14	60	12.14	-	-
10	13.56	58.75	Ca	.1	.2	10.2	69.25	-	-	50	19.25
11	14.37225	23.27	Qp	0	.2	10.2	33.67	60	-26.33	-	-
12	14.3745	9.23	Ca	0	.2	10.2	19.63	-	-	50	-30.37

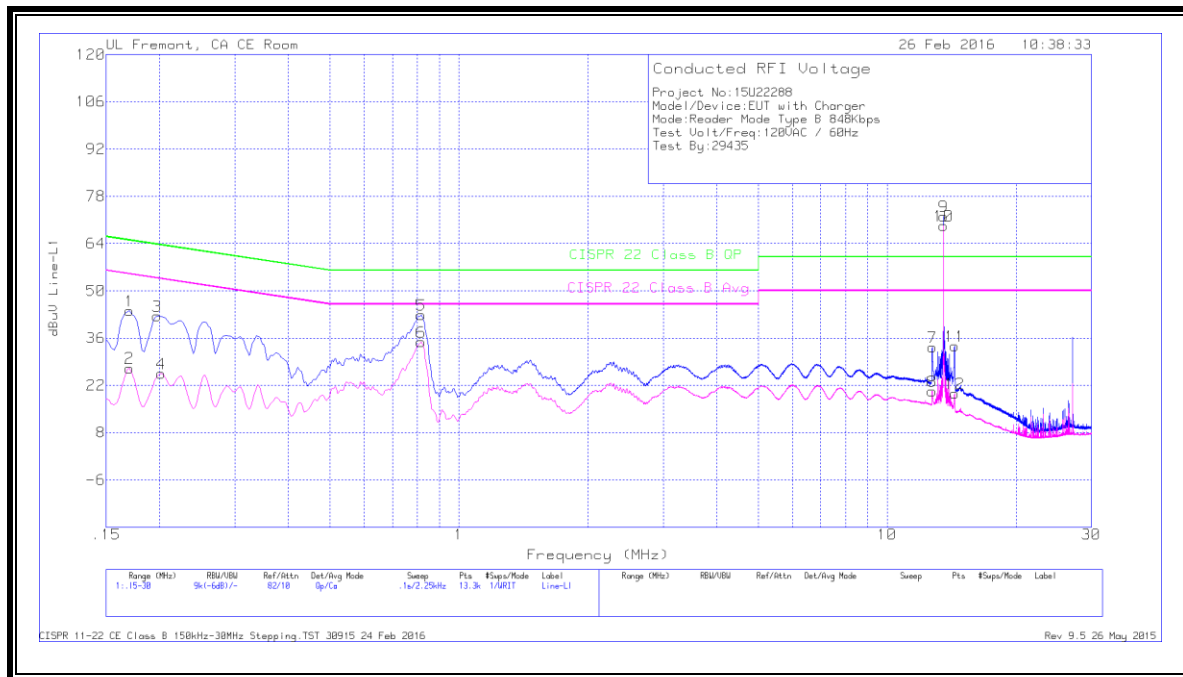
Range 2: Line-L2 .15 - 30MHz											
Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	T1310 IL L2	LC Cables 2&3	Limiter (dB)	Corrected Reading dBuV	CISPR 22 Class B QP	Margin (dB)	CISPR 22 Class B Avg	Margin (dB)
13	.17025	34.84	Qp	0	0	10.1	44.94	64.95	-20.01	-	-
14	.17025	16.75	Ca	0	0	10.1	26.85	-	-	54.95	-28.1
15	.1995	31.09	Qp	0	0	10.1	41.19	63.63	-22.44	-	-
16	.20175	12.77	Ca	0	0	10.1	22.87	-	-	53.54	-30.67
17	.81375	33.26	Qp	0	0	10.1	43.36	56	-12.64	-	-
18	.816	19.58	Ca	0	0	10.1	29.68	-	-	46	-16.32
19	12.7455	18.4	Qp	.1	.2	10.2	28.9	60	-31.1	-	-
20	12.74325	7.97	Ca	.1	.2	10.2	18.47	-	-	50	-31.53
21	13.56	61.45	Qp	.1	.2	10.2	71.95	60	11.95	-	-
22	13.56	58.16	Ca	.1	.2	10.2	68.66	-	-	50	18.66
23	14.37225	18.61	Qp	.1	.2	10.2	29.11	60	-30.89	-	-
24	14.37338	7.54	Ca	.1	.2	10.2	18.04	-	-	50	-31.96

Qp - Quasi-Peak detector

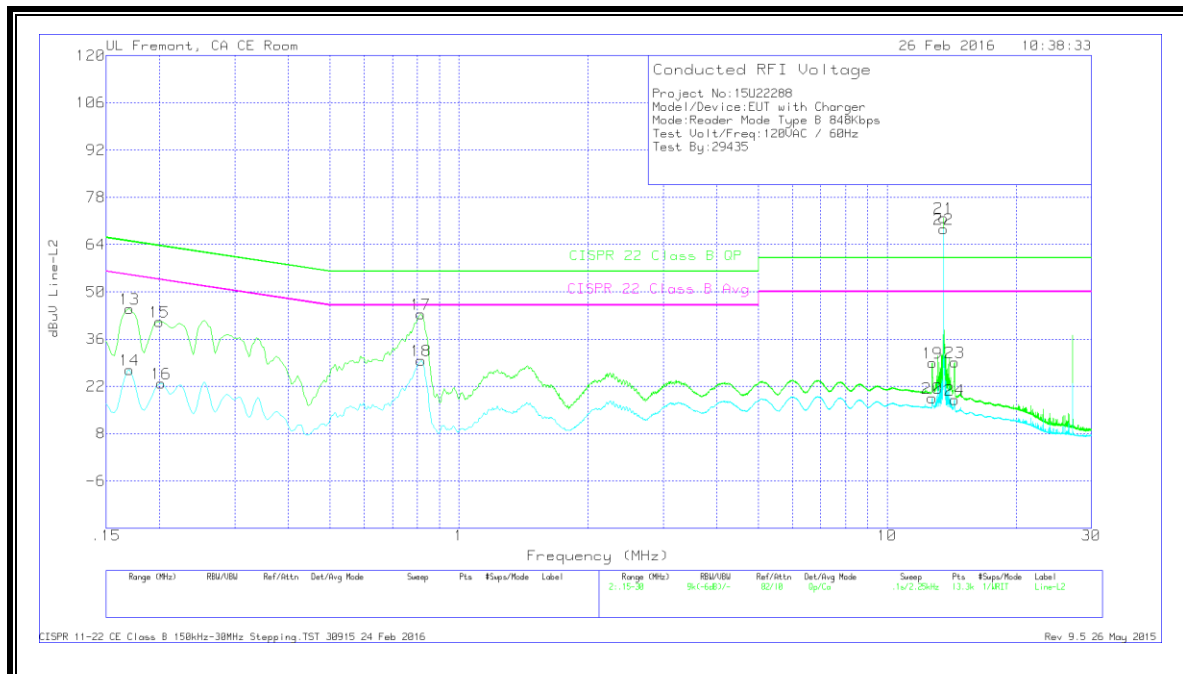
Ca - CISPR average detection

Note: 13.56MHz is a fundamental frequency of the EUT. Data under the following section indicate that when the antenna terminal is terminated the fundamental amplitude is lowering below the limit line.

LINE 1 RESULTS



LINE 2 RESULTS



10.5.2. WITH ANTENNA PORT TERMINATED 848KBPS

WORST EMISSIONS

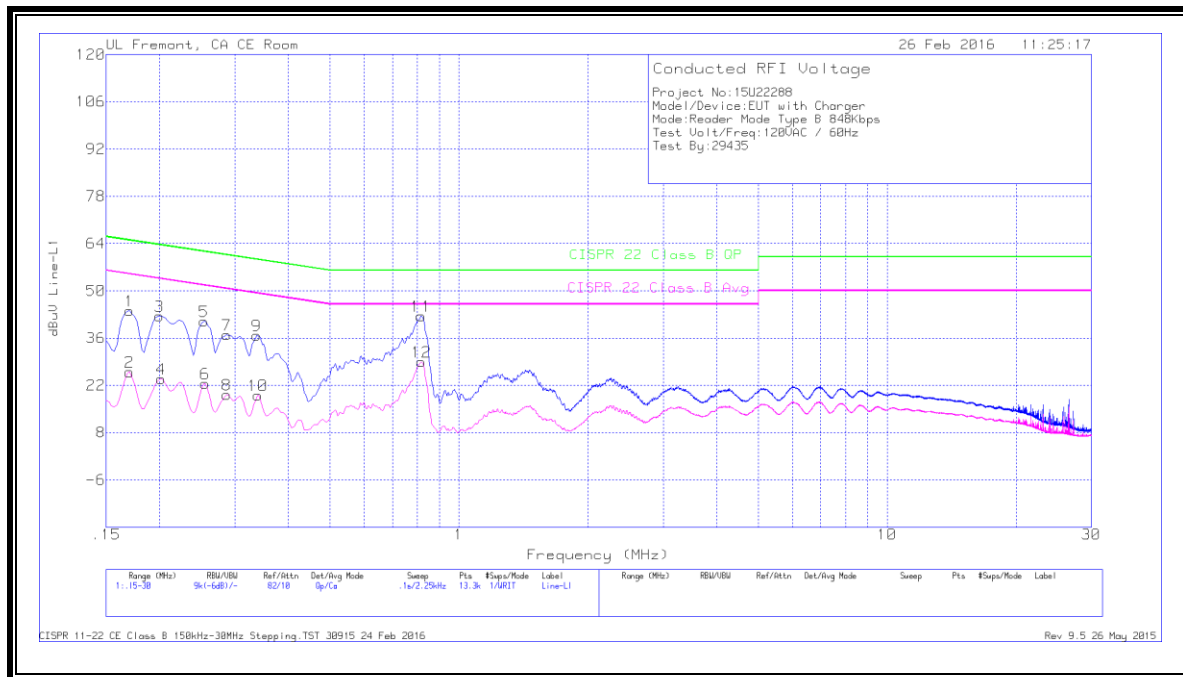
Range 1: Line-L1 .15 - 30MHz											
Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	T1310 IL L1	LC Cables 1&3	Limiter (dB)	Corrected Reading dBuV	CISPR 22 Class B QP	Margin (dB)	CISPR 22 Class B Avg	Margin (dB)
1	.17025	34	Qp	0	0	10.1	44.1	64.95	-20.85	-	-
2	.17025	15.83	Ca	0	0	10.1	25.93	-	-	54.95	-29.02
3	.1995	32.44	Qp	0	0	10.1	42.54	63.63	-21.09	-	-
4	.20175	13.81	Ca	0	0	10.1	23.91	-	-	53.54	-29.63
5	.2535	30.81	Qp	0	0	10.1	40.91	61.64	-20.73	-	-
6	.25575	12.47	Ca	0	0	10.1	22.57	-	-	51.57	-29
7	.28725	26.86	Qp	0	0	10.1	36.96	60.6	-23.64	-	-
8	.28725	9.07	Ca	0	0	10.1	19.17	-	-	50.6	-31.43
9	.33675	26.66	Qp	0	0	10.1	36.76	59.28	-22.52	-	-
10	.339	8.95	Ca	0	0	10.1	19.05	-	-	49.23	-30.18
11	.816	32.48	Qp	0	0	10.1	42.58	56	-13.42	-	-
12	.81825	18.86	Ca	0	0	10.1	28.96	-	-	46	-17.04

Range 2: Line-L2 .15 - 30MHz											
Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	T1310 IL L2	LC Cables 2&3	Limiter (dB)	Corrected Reading dBuV	CISPR 22 Class B QP	Margin (dB)	CISPR 22 Class B Avg	Margin (dB)
13	.17025	34.63	Qp	0	0	10.1	44.73	64.95	-20.22	-	-
14	.17025	16.38	Ca	0	0	10.1	26.48	-	-	54.95	-28.47
15	.1995	30.82	Qp	0	0	10.1	40.92	63.63	-22.71	-	-
16	.20175	12.74	Ca	0	0	10.1	22.84	-	-	53.54	-30.7
17	.2535	31.05	Qp	0	0	10.1	41.15	61.64	-20.49	-	-
18	.2535	13.86	Ca	0	0	10.1	23.96	-	-	51.64	-27.68
19	.28725	26.9	Qp	0	0	10.1	37	60.6	-23.6	-	-
20	.28725	10.34	Ca	0	0	10.1	20.44	-	-	50.6	-30.16
21	.33675	25.98	Qp	0	0	10.1	36.08	59.28	-23.2	-	-
22	.339	9.78	Ca	0	0	10.1	19.88	-	-	49.23	-29.35
23	.816	31.57	Qp	0	0	10.1	41.67	56	-14.33	-	-
24	.81487	22.31	Ca	0	0	10.1	32.41	-	-	46	-13.59

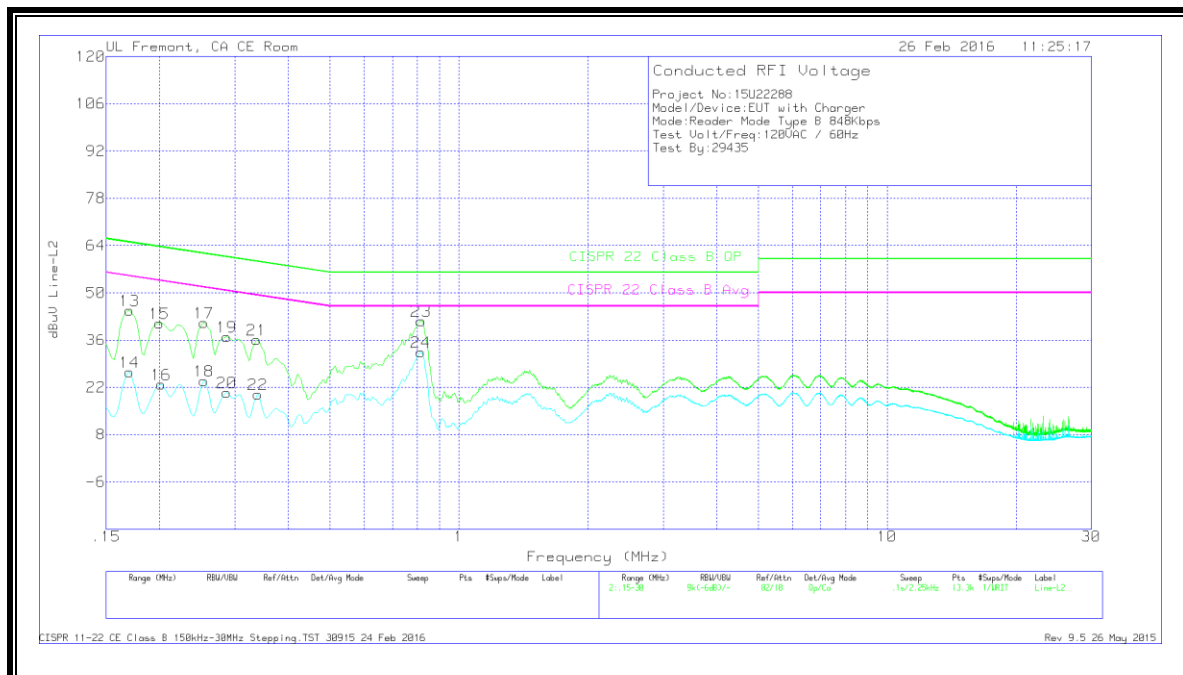
Qp - Quasi-Peak detector

Ca - CISPR average detection

LINE 1 RESULTS



LINE 2 RESULTS



10.5.3. NORMAL OPERATION 424KBPS

WORST EMISSIONS

Range 1: Line-L1 .15 - 30MHz											
Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	T1310 IL L1	LC Cables 1&3	Limiter (dB)	Corrected Reading dBuV	CISPR 22 Class B QP	Margin (dB)	CISPR 22 Class B Avg	Margin (dB)
1	.17025	33.8	Qp	0	0	10.1	43.9	64.95	-21.05	-	-
2	.17025	16.6	Ca	0	0	10.1	26.7	-	-	54.95	-28.25
3	.20175	32.49	Qp	0	0	10.1	42.59	63.54	-20.95	-	-
4	.20175	15.16	Ca	0	0	10.1	25.26	-	-	53.54	-28.28
5	.816	32.34	Qp	0	0	10.1	42.44	56	-13.56	-	-
6	.81825	24.25	Ca	0	0	10.1	34.35	-	-	46	-11.65
7	13.3485	30.83	Qp	.1	.2	10.2	41.33	60	-18.67	-	-
8	13.3485	22.09	Ca	.1	.2	10.2	32.59	-	-	50	-17.41
9	13.56	67.05	Qp	.1	.2	10.2	77.55	60	17.55	-	-
10	13.56	64.37	Ca	.1	.2	10.2	74.87	-	-	50	24.87
11	13.7715	30.61	Qp	.1	.2	10.2	41.11	60	-18.89	-	-
12	13.7715	21.73	Ca	.1	.2	10.2	32.23	-	-	50	-17.77

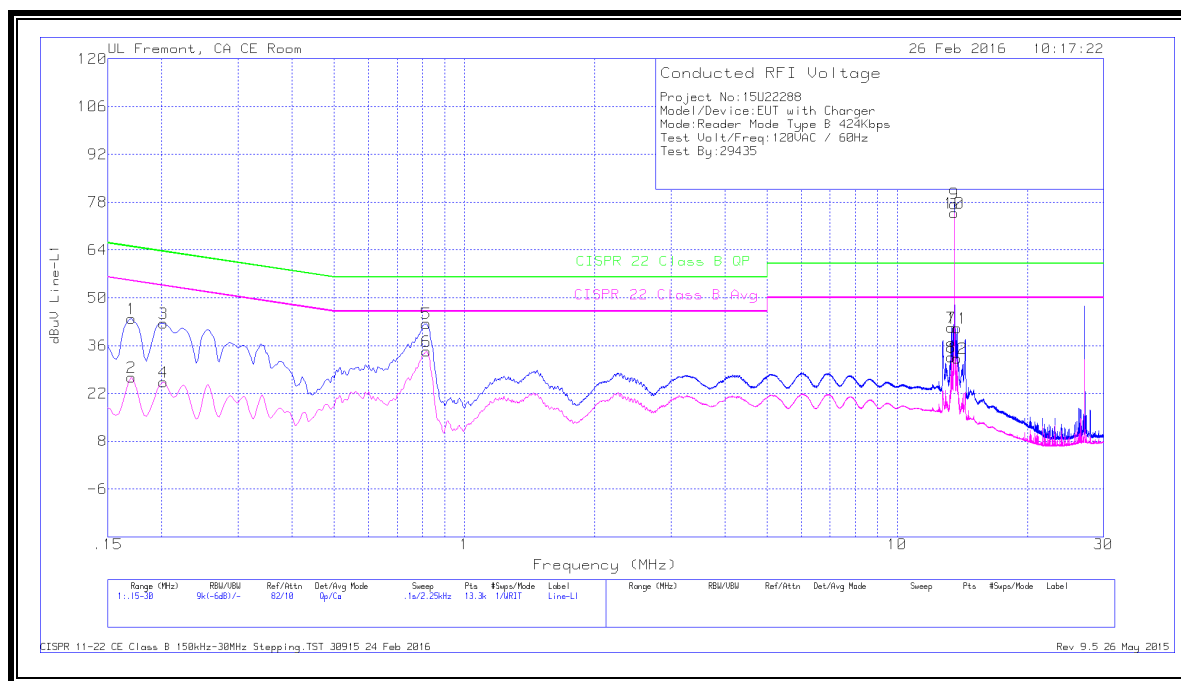
Range 2: Line-L2 .15 - 30MHz											
Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	T1310 IL L2	LC Cables 2&3	Limiter (dB)	Corrected Reading dBuV	CISPR 22 Class B QP	Margin (dB)	CISPR 22 Class B Avg	Margin (dB)
13	.17025	34.48	Qp	0	0	10.1	44.58	64.95	-20.37	-	-
14	.17025	15.79	Ca	0	0	10.1	25.89	-	-	54.95	-29.06
15	.1995	31.15	Qp	0	0	10.1	41.25	63.63	-22.38	-	-
16	.1995	12.13	Ca	0	0	10.1	22.23	-	-	53.63	-31.4
17	.81375	32.35	Qp	0	0	10.1	42.45	56	-13.55	-	-
18	.816	18.72	Ca	0	0	10.1	28.82	-	-	46	-17.18
19	13.3485	30.57	Qp	.1	.2	10.2	41.07	60	-18.93	-	-
20	13.3485	21.75	Ca	.1	.2	10.2	32.25	-	-	50	-17.75
21	13.56	67.05	Qp	.1	.2	10.2	77.55	60	17.55	-	-
22	13.56	64.07	Ca	.1	.2	10.2	74.57	-	-	50	24.57
23	13.7715	30.33	Qp	.1	.2	10.2	40.83	60	-19.17	-	-
24	13.7715	21.4	Ca	.1	.2	10.2	31.9	-	-	50	-18.1

Qp - Quasi-Peak detector

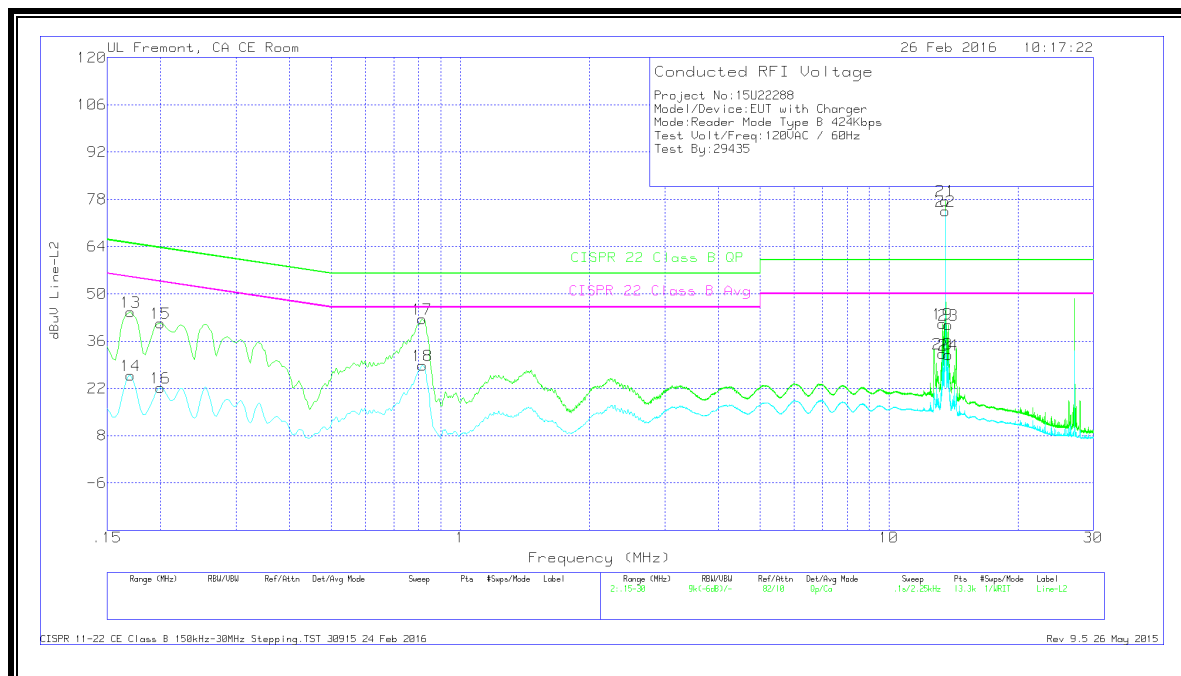
Ca - CISPR average detection

Note: 13.56MHz is a fundamental frequency of the EUT. Data under the following section indicate that when the antenna terminal is terminated the fundamental amplitude is lowering below the limit line.

LINE 1 RESULTS



LINE 2 RESULTS



10.5.4. WITH ANTENNA PORT TERMINATED 424KBPS

WORST EMISSIONS

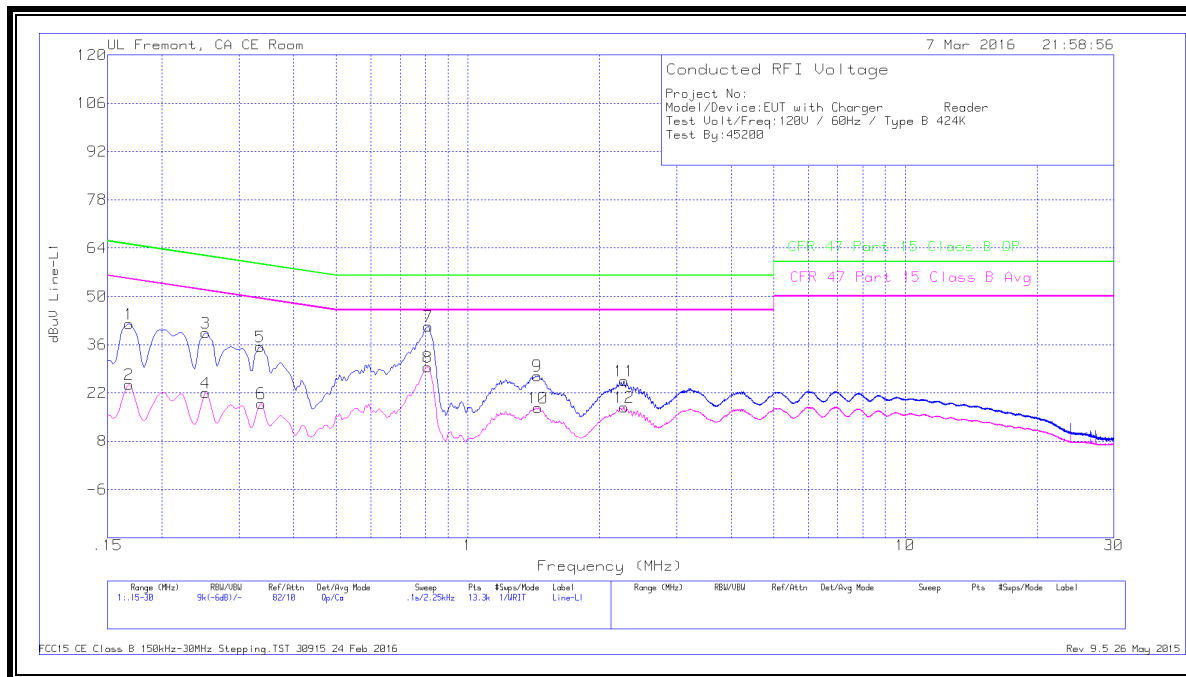
Range 1: Line-L1 .15 - 30MHz											
Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	T1310 IL L1	LC Cables 1&3	Limiter (dB)	Corrected Reading dBuV	CFR 47 Part 15 Class B QP	QP Margin (dB)	CFR 47 Part 15 Class B Avg	Av(CISPR) Margin (dB)
1	.168	31.92	Qp	0	0	10.1	42.02	65.06	-23.04	-	-
2	.168	14.38	Ca	0	0	10.1	24.48	-	-	55.06	-30.58
3	.25125	29.3	Qp	0	0	10.1	39.4	61.72	-22.32	-	-
4	.25125	11.9	Ca	0	0	10.1	22	-	-	51.72	-29.72
5	.3345	25.31	Qp	0	0	10.1	35.41	59.34	-23.93	-	-
6	.33675	8.87	Ca	0	0	10.1	18.97	-	-	49.28	-30.31
7	.8115	31.26	Qp	0	0	10.1	41.36	56	-14.64	-	-
8	.80925	19.43	Ca	0	0	10.1	29.53	-	-	46	-16.47
9	1.4415	16.76	Qp	0	.1	10.1	26.96	56	-29.04	-	-
10	1.446	7.43	Ca	0	.1	10.1	17.63	-	-	46	-28.37
11	2.274	15.29	Qp	0	.1	10.1	25.49	56	-30.51	-	-
12	2.274	7.68	Ca	0	.1	10.1	17.88	-	-	46	-28.12

Range 2: Line-L2 .15 - 30MHz											
Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	T1310 IL L2	LC Cables 2&3	Limiter (dB)	Corrected Reading dBuV	CFR 47 Part 15 Class B QP	QP Margin (dB)	CFR 47 Part 15 Class B Avg	Av(CISPR) Margin (dB)
13	.168	32.81	Qp	0	0	10.1	42.91	65.06	-22.15	-	-
14	.168	15.31	Ca	0	0	10.1	25.41	-	-	55.06	-29.65
15	.25125	29.53	Qp	0	0	10.1	39.63	61.72	-22.09	-	-
16	.25125	13.47	Ca	0	0	10.1	23.57	-	-	51.72	-28.15
17	.3345	24.75	Qp	0	0	10.1	34.85	59.34	-24.49	-	-
18	.33675	9.98	Ca	0	0	10.1	20.08	-	-	49.28	-29.2
19	.80475	30.4	Qp	0	0	10.1	40.5	56	-15.5	-	-
20	.80925	22.56	Ca	0	0	10.1	32.66	-	-	46	-13.34
21	1.4505	17.36	Qp	0	.1	10.1	27.56	56	-28.44	-	-
22	1.4505	11.13	Ca	0	.1	10.1	21.33	-	-	46	-24.67
23	2.27625	16.01	Qp	0	.1	10.1	26.21	56	-29.79	-	-
24	2.274	10.91	Ca	0	.1	10.1	21.11	-	-	46	-24.89

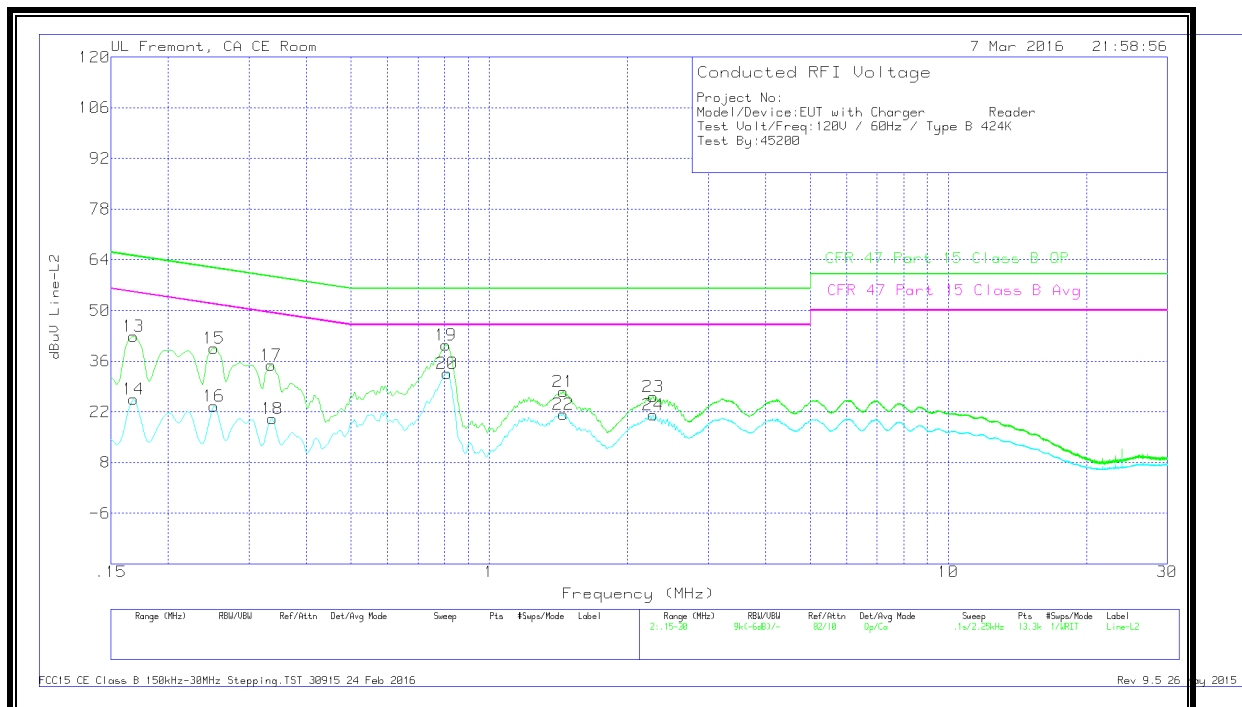
Qp - Quasi-Peak detector

Ca - CISPR average detection

LINE 1 RESULTS



LINE 2 RESULTS



10.5.5. NORMAL OPERATION 212KBPS

WORST EMISSIONS

Range 1: Line-L1 .15 - 30MHz											
Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	T24 IL L1	LC Cables 1&3	Limiter (dB)	Corrected Reading dBuV	CFR 47 Part 15 Class B QP	QP Margin (dB)	CFR 47 Part 15 Class B Avg	Av(CISPR) Margin (dB)
1	.168	32.56	Qp	1.2	0	10.1	43.86	65.06	-21.2	-	-
2	.168	15.36	Ca	1.2	0	10.1	26.66	-	-	55.06	-28.4
3	.20175	31.12	Qp	.9	0	10.1	42.12	63.54	-21.42	-	-
4	.20175	13.85	Ca	.9	0	10.1	24.85	-	-	53.54	-28.69
5	.25125	29.66	Qp	.7	0	10.1	40.46	61.72	-21.26	-	-
6	.2535	13.68	Ca	.7	0	10.1	24.48	-	-	51.64	-27.16
7	.28725	25.75	Qp	.6	0	10.1	36.45	60.6	-24.15	-	-
8	.28725	10.19	Ca	.6	0	10.1	20.89	-	-	50.6	-29.71
9	.3345	25.53	Qp	.5	0	10.1	36.13	59.34	-23.21	-	-
10	.33675	10.73	Ca	.5	0	10.1	21.33	-	-	49.28	-27.95
11	.81375	30.85	Qp	.3	0	10.1	41.25	56	-14.75	-	-
12	.81375	22.64	Ca	.3	0	10.1	33.04	-	-	46	-12.96
13	13.56	47.15	Qp	.2	.2	10.2	57.75	60	-2.25	-	-
14	13.56	43.91	Ca	.2	.2	10.2	54.51	-	-	50	4.51

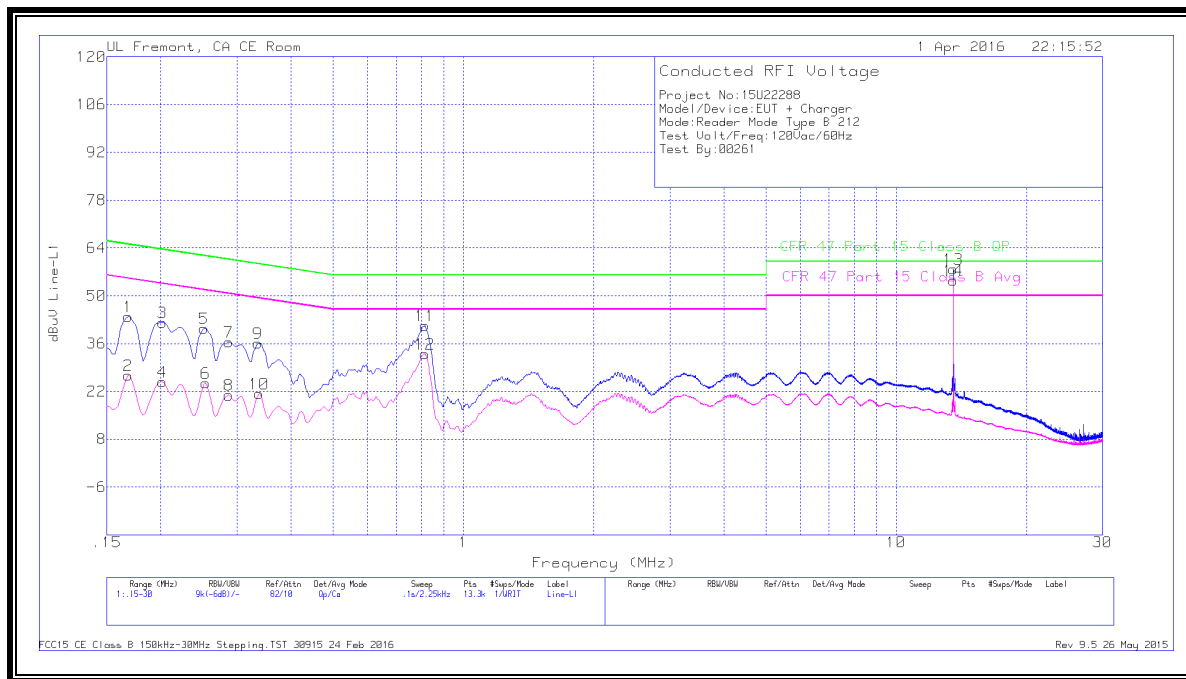
Range 2: Line-L2 .15 - 30MHz											
Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	T24 IL L2	LC Cables 2&3	Limiter (dB)	Corrected Reading dBuV	CFR 47 Part 15 Class B QP	QP Margin (dB)	CFR 47 Part 15 Class B Avg	Av(CISPR) Margin (dB)
15	.168	33.44	Qp	1.3	0	10.1	44.84	65.06	-20.22	-	-
16	.168	14.97	Ca	1.3	0	10.1	26.37	-	-	55.06	-28.69
17	.222	29.35	Qp	.9	0	10.1	40.35	62.74	-22.39	-	-
18	.222	10.8	Ca	.9	0	10.1	21.8	-	-	52.74	-30.94
19	.25125	30.3	Qp	.7	0	10.1	41.1	61.72	-20.62	-	-
20	.2535	11.76	Ca	.7	0	10.1	22.56	-	-	51.64	-29.08
21	.285	26.43	Qp	.6	0	10.1	37.13	60.67	-23.54	-	-
22	.285	7.99	Ca	.6	0	10.1	18.69	-	-	50.67	-31.98
23	.3345	25.48	Qp	.5	0	10.1	36.08	59.34	-23.26	-	-
24	.33675	7.29	Ca	.5	0	10.1	17.89	-	-	49.28	-31.39
25	.80925	31.06	Qp	.3	0	10.1	41.46	56	-14.54	-	-
26	.81487	16.73	Ca	.3	0	10.1	27.13	-	-	46	-18.87
27	13.56	46.76	Qp	.2	.2	10.2	57.36	60	-2.64	-	-
28	13.56	43.28	Ca	.2	.2	10.2	53.88	-	-	50	3.88

Qp - Quasi-Peak detector

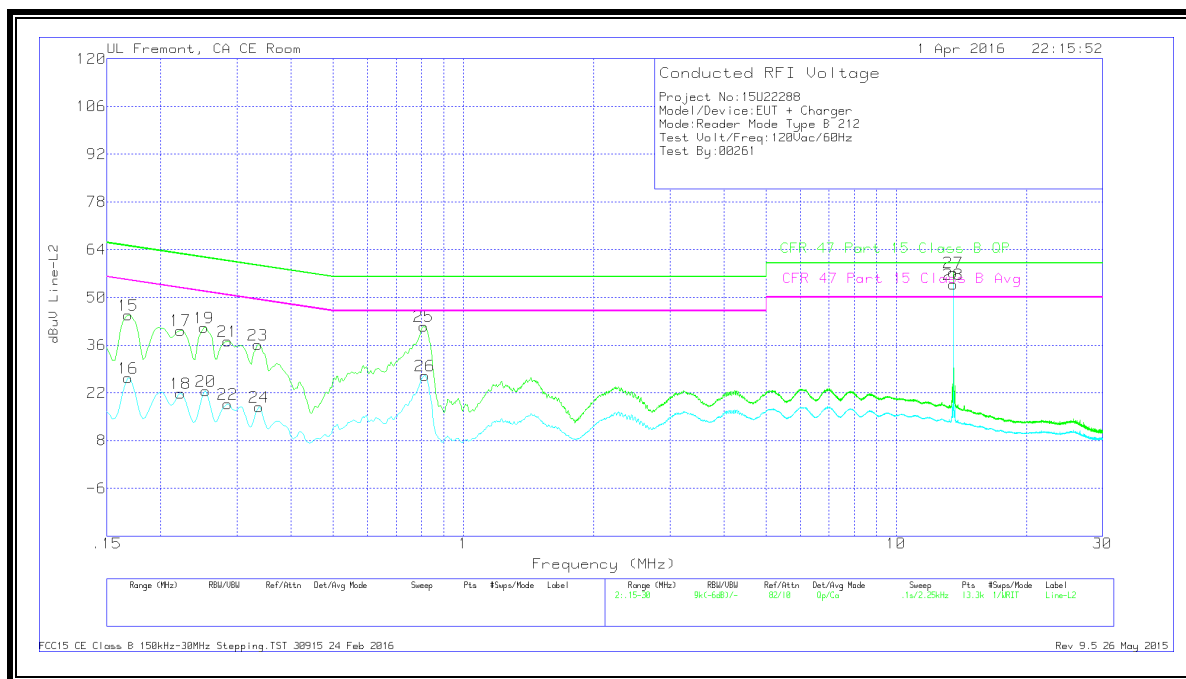
Ca - CISPR average detection

Note: 13.56MHz is a fundamental frequency of the EUT. Data under the following section indicate that when the antenna terminal is terminated the fundamental amplitude is lowering below the limit line.

LINE 1 RESULTS



LINE 2 RESULTS



10.5.6. WITH ANTENNA PORT TERMINATED 212KBPS

WORST EMISSIONS

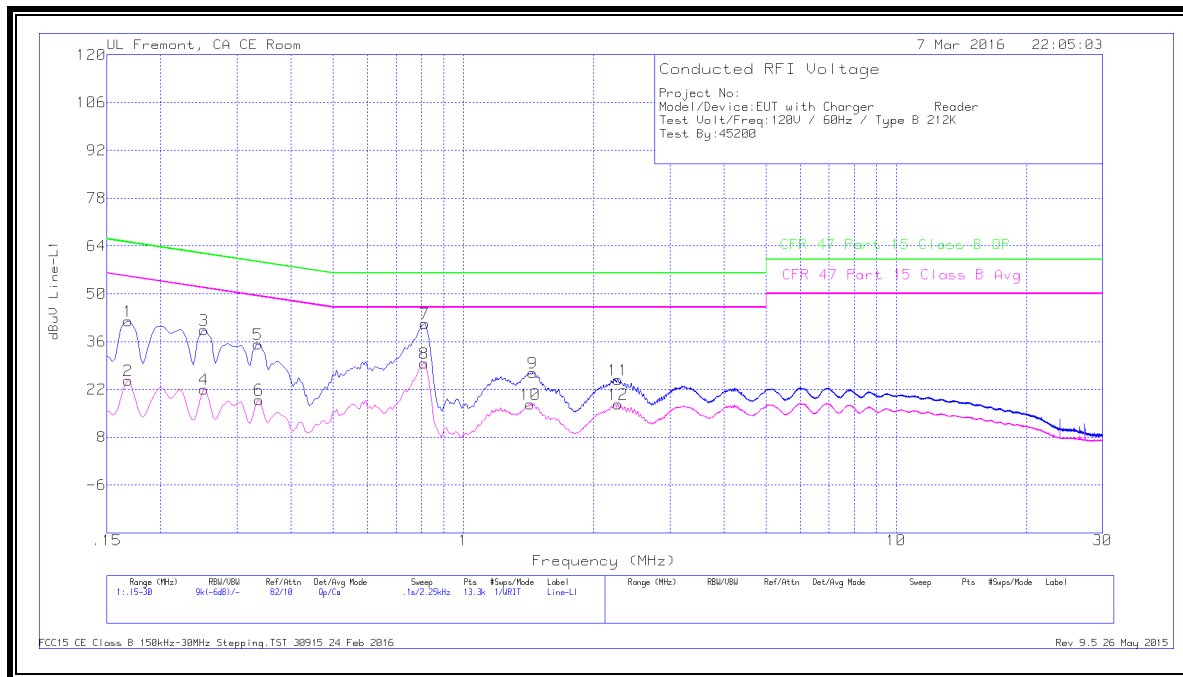
Range 1: Line-L1 .15 - 30MHz											
Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	T1310 IL L1	LC Cables 1&3	Limiter (dB)	Corrected Reading dBuV	CFR 47 Part 15 Class B QP	QP Margin (dB)	CFR 47 Part 15 Class B Avg	Av(CISPR) Margin (dB)
1	.168	31.95	Qp	0	0	10.1	42.05	65.06	-23.01	-	-
2	.168	14.46	Ca	0	0	10.1	24.56	-	-	55.06	-30.5
3	.25125	29.23	Qp	0	0	10.1	39.33	61.72	-22.39	-	-
4	.25125	11.91	Ca	0	0	10.1	22.01	-	-	51.72	-29.71
5	.3345	25.18	Qp	0	0	10.1	35.28	59.34	-24.06	-	-
6	.33675	8.87	Ca	0	0	10.1	18.97	-	-	49.28	-30.31
7	.81375	31.22	Qp	0	0	10.1	41.32	56	-14.68	-	-
8	.8115	19.59	Ca	0	0	10.1	29.69	-	-	46	-16.31
9	1.44375	16.73	Qp	0	.1	10.1	26.93	56	-29.07	-	-
10	1.428	7.42	Ca	0	.1	10.1	17.62	-	-	46	-28.38
11	2.2785	14.63	Qp	0	.1	10.1	24.83	56	-31.17	-	-
12	2.2785	7.45	Ca	0	.1	10.1	17.65	-	-	46	-28.35

Range 2: Line-L2 .15 - 30MHz											
Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	T1310 IL L2	LC Cables 2&3	Limiter (dB)	Corrected Reading dBuV	CFR 47 Part 15 Class B QP	QP Margin (dB)	CFR 47 Part 15 Class B Avg	Av(CISPR) Margin (dB)
13	.168	32.95	Qp	0	0	10.1	43.05	65.06	-22.01	-	-
14	.168	15.61	Ca	0	0	10.1	25.71	-	-	55.06	-29.35
15	.2535	29.67	Qp	0	0	10.1	39.77	61.64	-21.87	-	-
16	.25125	13.59	Ca	0	0	10.1	23.69	-	-	51.72	-28.03
17	.3345	24.74	Qp	0	0	10.1	34.84	59.34	-24.5	-	-
18	.33675	10.09	Ca	0	0	10.1	20.19	-	-	49.28	-29.09
19	.81375	31.11	Qp	0	0	10.1	41.21	56	-14.79	-	-
20	.81375	22.71	Ca	0	0	10.1	32.81	-	-	46	-13.19
21	1.428	17.22	Qp	0	.1	10.1	27.42	56	-28.58	-	-
22	1.4325	11.03	Ca	0	.1	10.1	21.23	-	-	46	-24.77
23	2.229	15.98	Qp	0	.1	10.1	26.18	56	-29.82	-	-
24	2.23125	10.67	Ca	0	.1	10.1	20.87	-	-	46	-25.13

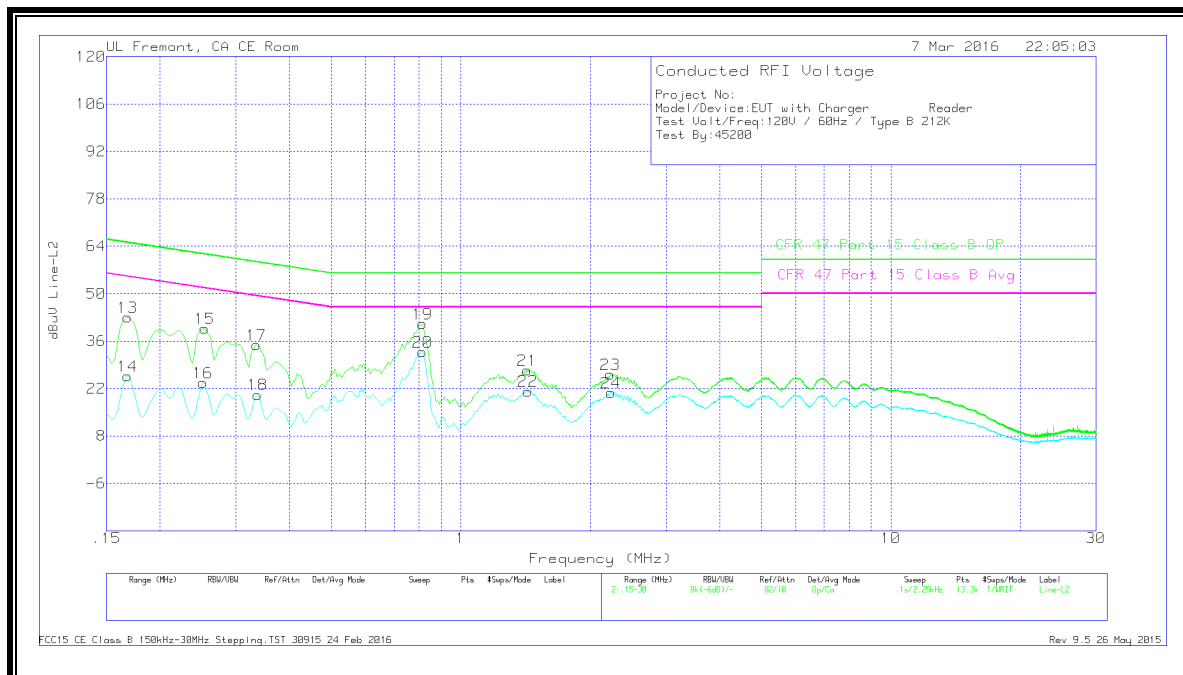
Qp - Quasi-Peak detector

Ca - CISPR average detection

LINE 1 RESULTS



LINE 2 RESULTS



10.5.7. NORMAL OPERATION 106KBPS

WORST EMISSIONS

Range 1: Line-L1 .15 - 30MHz											
Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	T24 IL L1	LC Cables 1&3	Limiter (dB)	Corrected Reading dBuV	CFR 47 Part 15 Class B QP	QP Margin (dB)	CFR 47 Part 15 Class B Avg	Av(CISPR) Margin (dB)
1	.168	32.59	Qp	1.2	0	10.1	43.89	65.06	-21.17	-	-
2	.168	15.59	Ca	1.2	0	10.1	26.89	-	-	55.06	-28.17
3	.19725	31.19	Qp	1	0	10.1	42.29	63.73	-21.44	-	-
4	.1995	14.15	Ca	.9	0	10.1	25.15	-	-	53.63	-28.48
5	.25125	29.72	Qp	.7	0	10.1	40.52	61.72	-21.2	-	-
6	.2535	13.85	Ca	.7	0	10.1	24.65	-	-	51.64	-26.99
7	.285	25.85	Qp	.6	0	10.1	36.55	60.67	-24.12	-	-
8	.285	10.38	Ca	.6	0	10.1	21.08	-	-	50.67	-29.59
9	.3345	25.64	Qp	.5	0	10.1	36.24	59.34	-23.1	-	-
10	.33675	10.83	Ca	.5	0	10.1	21.43	-	-	49.28	-27.85
11	.816	30.84	Qp	.3	0	10.1	41.24	56	-14.76	-	-
12	.81375	22.77	Ca	.3	0	10.1	33.17	-	-	46	-12.83
13	13.56	47.05	Qp	.2	.2	10.2	57.65	60	-2.35	-	-
14	13.56	43.69	Ca	.2	.2	10.2	54.29	-	-	50	4.29

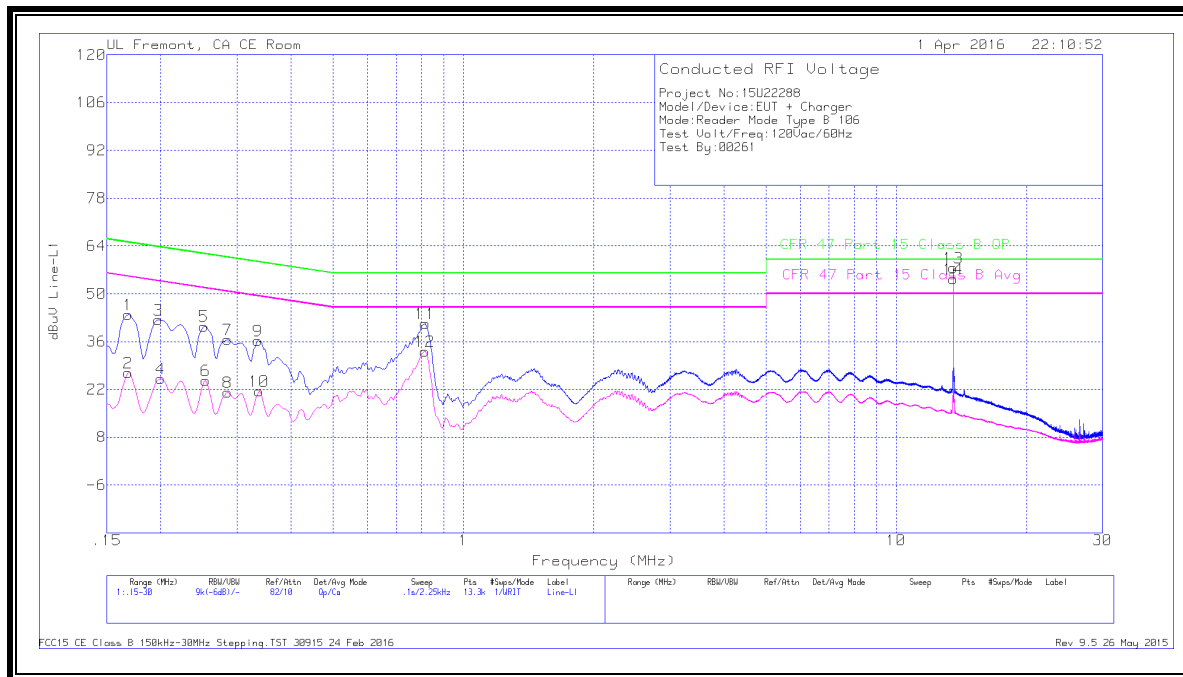
Range 2: Line-L2 .15 - 30MHz											
Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	T24 IL L2	LC Cables 2&3	Limiter (dB)	Corrected Reading dBuV	CFR 47 Part 15 Class B QP	QP Margin (dB)	CFR 47 Part 15 Class B Avg	Av(CISPR) Margin (dB)
15	.168	33.48	Qp	1.3	0	10.1	44.88	65.06	-20.18	-	-
16	.168	15.24	Ca	1.3	0	10.1	26.64	-	-	55.06	-28.42
17	.222	29.58	Qp	.9	0	10.1	40.58	62.74	-22.16	-	-
18	.222	11.17	Ca	.9	0	10.1	22.17	-	-	52.74	-30.57
19	.2535	30.31	Qp	.7	0	10.1	41.11	61.64	-20.53	-	-
20	.2535	12	Ca	.7	0	10.1	22.8	-	-	51.64	-28.84
21	.28275	26.32	Qp	.6	0	10.1	37.02	60.73	-23.71	-	-
22	.285	8.03	Ca	.6	0	10.1	18.73	-	-	50.67	-31.94
23	.3345	25.33	Qp	.5	0	10.1	35.93	59.34	-23.41	-	-
24	.33675	7.38	Ca	.5	0	10.1	17.98	-	-	49.28	-31.3
25	.81825	31.36	Qp	.3	0	10.1	41.76	56	-14.24	-	-
26	.816	16.87	Ca	.3	0	10.1	27.27	-	-	46	-18.73
27	13.56	46.66	Qp	.2	.2	10.2	57.26	60	-2.74	-	-
28	13.56	43.08	Ca	.2	.2	10.2	53.68	-	-	50	3.68

Qp - Quasi-Peak detector

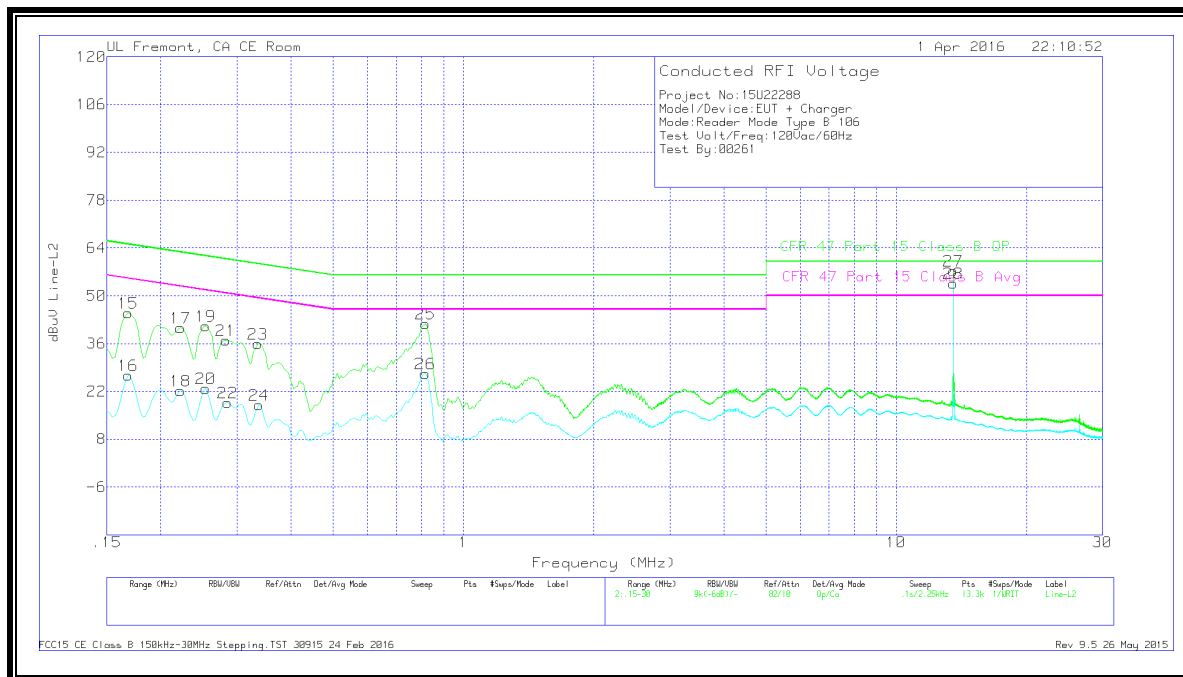
Ca - CISPR average detection

Note: 13.56MHz is a fundamental frequency of the EUT. Data under the following section indicate that when the antenna terminal is terminated the fundamental amplitude is lowering below the limit line.

LINE 1 RESULTS



LINE 2 RESULTS



10.5.8. WITH ANTENNA PORT TERMINATED 106KBPS

WORST EMISSIONS

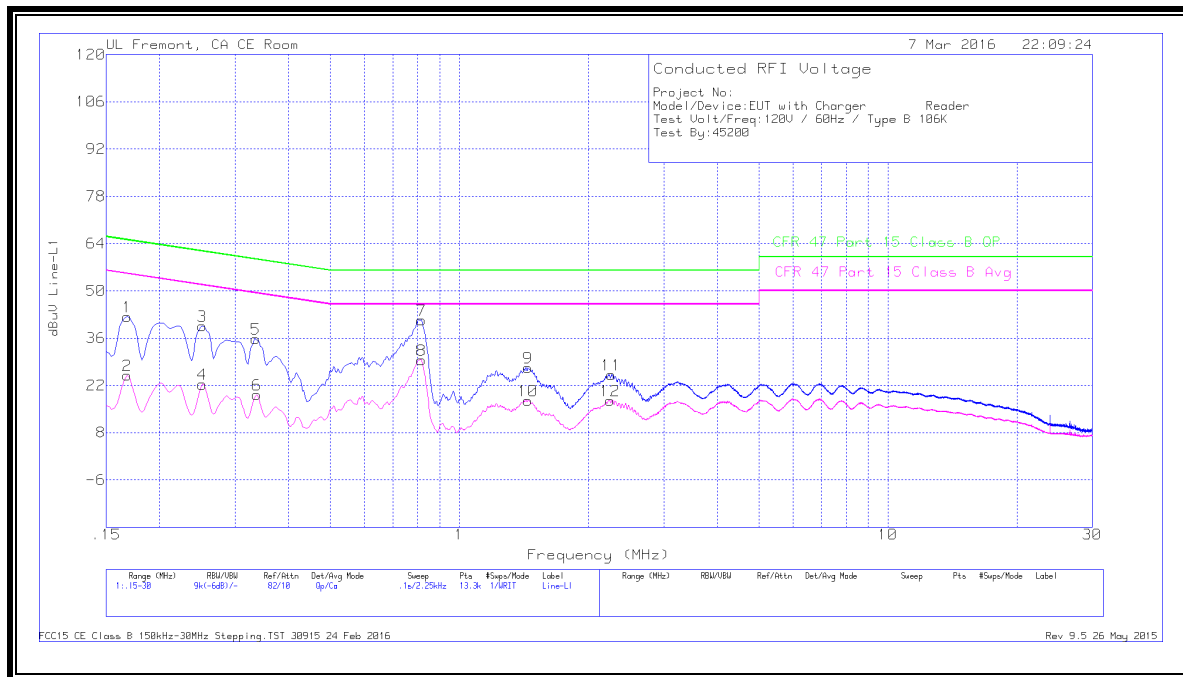
Range 1: Line-L1 .15 - 30MHz											
Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	T1310 IL L1	LC Cables 1&3	Limiter (dB)	Corrected Reading dBuV	CFR 47 Part 15 Class B QP	QP Margin (dB)	CFR 47 Part 15 Class B Avg	Av(CISPR) Margin (dB)
1	.168	32.18	Qp	0	0	10.1	42.28	65.06	-22.78	-	-
2	.168	14.79	Ca	0	0	10.1	24.89	-	-	55.06	-30.17
3	.25125	29.52	Qp	0	0	10.1	39.62	61.72	-22.1	-	-
4	.25125	12.18	Ca	0	0	10.1	22.28	-	-	51.72	-29.44
5	.3345	25.61	Qp	0	0	10.1	35.71	59.34	-23.63	-	-
6	.33675	9.15	Ca	0	0	10.1	19.25	-	-	49.28	-30.03
7	.816	31.19	Qp	0	0	10.1	41.29	56	-14.71	-	-
8	.816	19.43	Ca	0	0	10.1	29.53	-	-	46	-16.47
9	1.44375	17.09	Qp	0	.1	10.1	27.29	56	-28.71	-	-
10	1.446	7.32	Ca	0	.1	10.1	17.52	-	-	46	-28.48
11	2.265	14.88	Qp	0	.1	10.1	25.08	56	-30.92	-	-
12	2.24475	7.31	Ca	0	.1	10.1	17.51	-	-	46	-28.49

Range 2: Line-L2 .15 - 30MHz											
Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	T1310 IL L2	LC Cables 2&3	Limiter (dB)	Corrected Reading dBuV	CFR 47 Part 15 Class B QP	QP Margin (dB)	CFR 47 Part 15 Class B Avg	Av(CISPR) Margin (dB)
13	.168	33.11	Qp	0	0	10.1	43.21	65.06	-21.85	-	-
14	.168	16.05	Ca	0	0	10.1	26.15	-	-	55.06	-28.91
15	.25125	29.84	Qp	0	0	10.1	39.94	61.72	-21.78	-	-
16	.2535	13.92	Ca	0	0	10.1	24.02	-	-	51.64	-27.62
17	.3345	25.14	Qp	0	0	10.1	35.24	59.34	-24.1	-	-
18	.33675	10.41	Ca	0	0	10.1	20.51	-	-	49.28	-28.77
19	.81375	31.01	Qp	0	0	10.1	41.11	56	-14.89	-	-
20	.8115	22.77	Ca	0	0	10.1	32.87	-	-	46	-13.13
21	1.446	17.35	Qp	0	.1	10.1	27.55	56	-28.45	-	-
22	1.43025	11.13	Ca	0	.1	10.1	21.33	-	-	46	-24.67
23	2.26725	15.89	Qp	0	.1	10.1	26.09	56	-29.91	-	-
24	2.24475	10.57	Ca	0	.1	10.1	20.77	-	-	46	-25.23

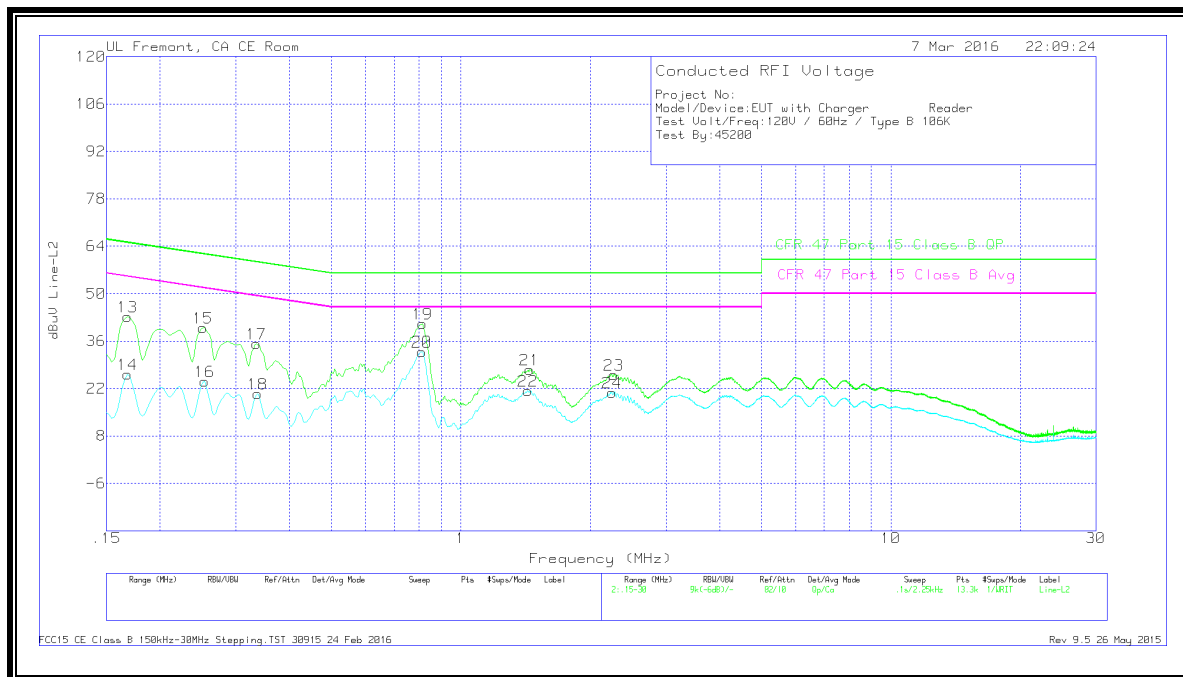
Qp - Quasi-Peak detector

Ca - CISPR average detection

LINE 1 RESULTS



LINE 2 RESULTS



10.6. READER MODE TYPE F

10.6.1. NORMAL OPERATION 424KBPS

WORST EMISSIONS

Range 1: Line-L1 .15 - 30MHz											
Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	T24 IL L1	LC Cables 1&3	Limiter (dB)	Corrected Reading dBuV	CFR 47 Part 15 Class B QP	QP Margin (dB)	CFR 47 Part 15 Class B Avg	Av(CISPR) Margin (dB)
1	.168	32.48	Qp	1.2	0	10.1	43.78	65.06	-21.28	-	-
2	.168	15.2	Ca	1.2	0	10.1	26.5	-	-	55.06	-28.56
3	.19725	31.11	Qp	1	0	10.1	42.21	63.73	-21.52	-	-
4	.1995	13.75	Ca	.9	0	10.1	24.75	-	-	53.63	-28.88
5	.25125	29.58	Qp	.7	0	10.1	40.38	61.72	-21.34	-	-
6	.2535	13.53	Ca	.7	0	10.1	24.33	-	-	51.64	-27.31
7	.285	25.64	Qp	.6	0	10.1	36.34	60.67	-24.33	-	-
8	.285	10.01	Ca	.6	0	10.1	20.71	-	-	50.67	-29.96
9	.3345	25.49	Qp	.5	0	10.1	36.09	59.34	-23.25	-	-
10	.33675	10.55	Ca	.5	0	10.1	21.15	-	-	49.28	-28.13
11	.81375	30.66	Qp	.3	0	10.1	41.06	56	-14.94	-	-
12	.81375	22.55	Ca	.3	0	10.1	32.95	-	-	46	-13.05
13	13.56	46.6	Qp	.2	.2	10.2	57.2	60	-2.8	-	-
14	13.56	43.45	Ca	.2	.2	10.2	54.05	-	-	50	4.05

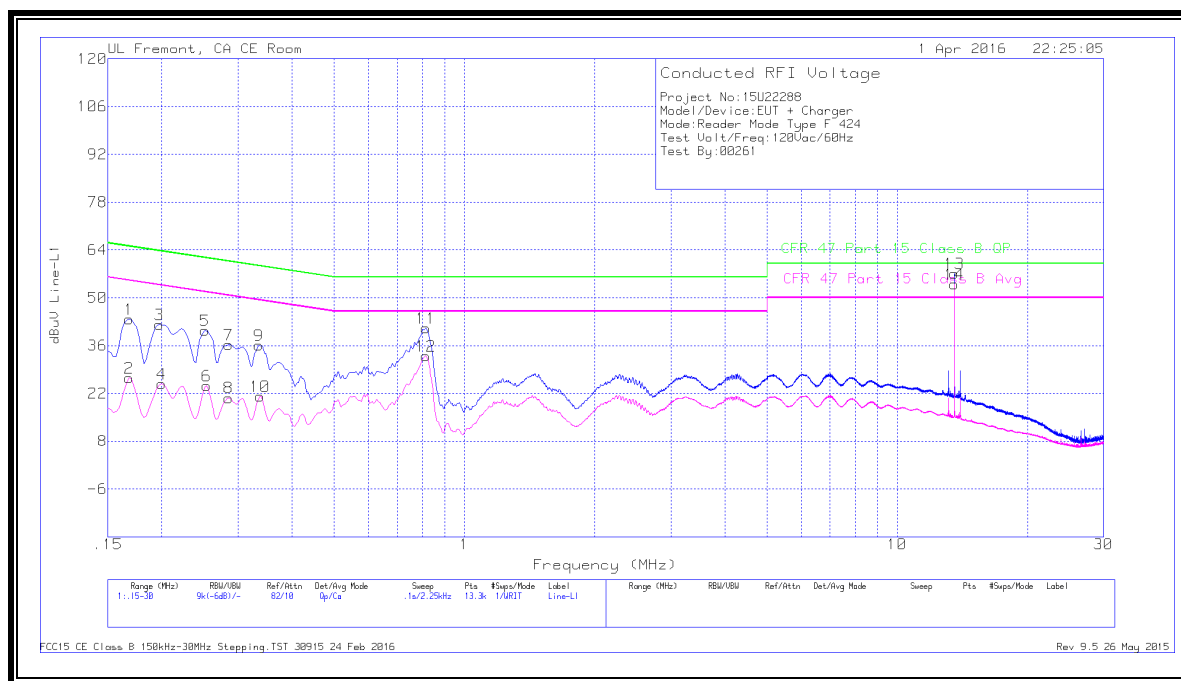
Range 2: Line-L2 .15 - 30MHz											
Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	T24 IL L2	LC Cables 2&3	Limiter (dB)	Corrected Reading dBuV	CFR 47 Part 15 Class B QP	QP Margin (dB)	CFR 47 Part 15 Class B Avg	Av(CISPR) Margin (dB)
15	.168	33.43	Qp	1.3	0	10.1	44.83	65.06	-20.23	-	-
16	.168	15.16	Ca	1.3	0	10.1	26.56	-	-	55.06	-28.5
17	.222	29.52	Qp	.9	0	10.1	40.52	62.74	-22.22	-	-
18	.222	11.17	Ca	.9	0	10.1	22.17	-	-	52.74	-30.57
19	.2535	30.31	Qp	.7	0	10.1	41.11	61.64	-20.53	-	-
20	.2535	11.94	Ca	.7	0	10.1	22.74	-	-	51.64	-28.9
21	.285	26.54	Qp	.6	0	10.1	37.24	60.67	-23.43	-	-
22	.285	8.23	Ca	.6	0	10.1	18.93	-	-	50.67	-31.74
23	.3345	25.28	Qp	.5	0	10.1	35.88	59.34	-23.46	-	-
24	.33675	7.31	Ca	.5	0	10.1	17.91	-	-	49.28	-31.37
25	.81825	31.2	Qp	.3	0	10.1	41.6	56	-14.4	-	-
26	.816	16.7	Ca	.3	0	10.1	27.1	-	-	46	-18.9
27	13.56	46.16	Qp	.2	.2	10.2	56.76	60	-3.24	-	-
28	13.56	42.7	Ca	.2	.2	10.2	53.3	-	-	50	3.3

Qp - Quasi-Peak detector

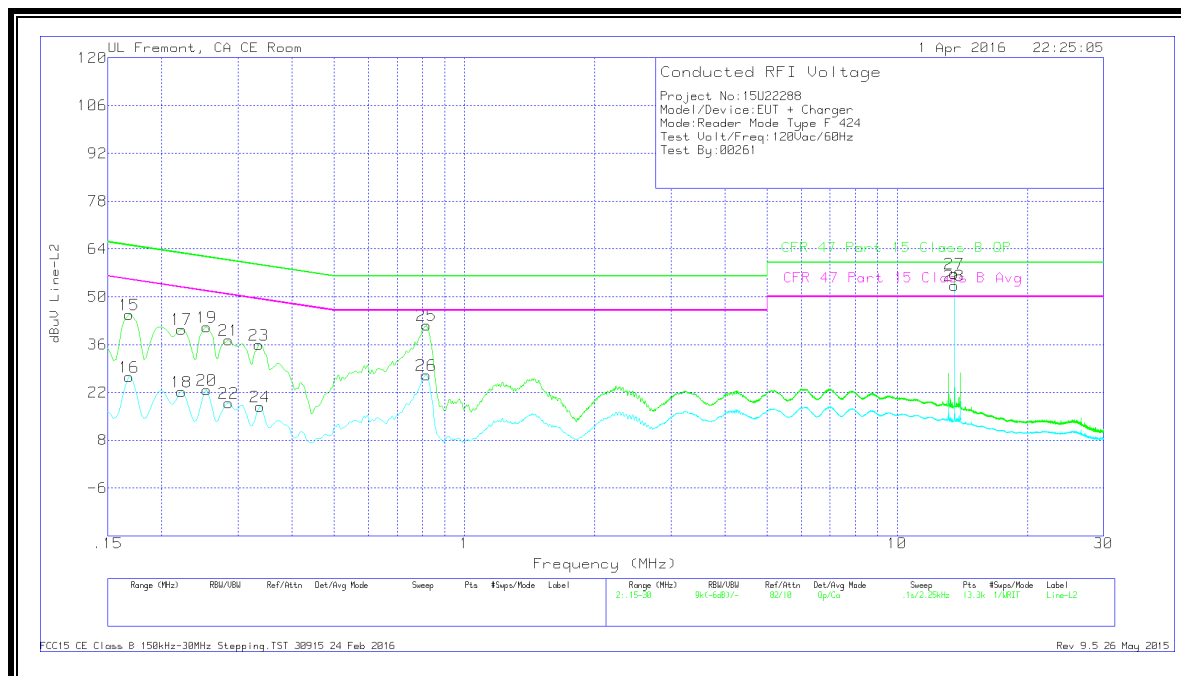
Ca - CISPR average detection

Note: 13.56MHz is a fundamental frequency of the EUT. Data under the following section indicate that when the antenna terminal is terminated the fundamental amplitude is lowering below the limit line.

LINE 1 RESULTS



LINE 2 RESULTS



10.6.2. WITH ANTENNA PORT TERMINATED 424KBPS

WORST EMISSIONS

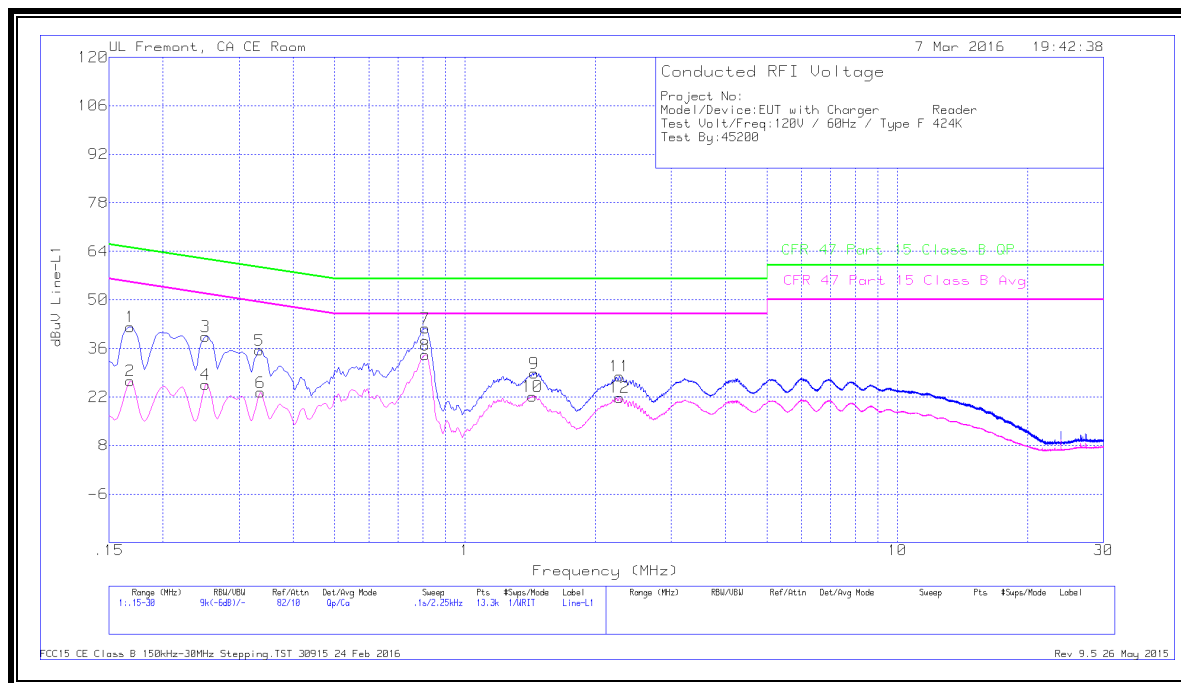
Range 1: Line-L1 .15 - 30MHz											
Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	T1310 IL L1	LC Cables 1&3	Limiter (dB)	Corrected Reading dBuV	CFR 47 Part 15 Class B QP	QP Margin (dB)	CFR 47 Part 15 Class B Avg	Av(CISPR) Margin (dB)
1	.168	32.13	Qp	0	0	10.1	42.23	65.06	-22.83	-	-
2	.168	16.55	Ca	0	0	10.1	26.65	-	-	55.06	-28.41
3	.25125	29.37	Qp	0	0	10.1	39.47	61.72	-22.25	-	-
4	.25125	15.51	Ca	0	0	10.1	25.61	-	-	51.72	-26.11
5	.3345	25.37	Qp	0	0	10.1	35.47	59.34	-23.87	-	-
6	.33675	13.18	Ca	0	0	10.1	23.28	-	-	49.28	-26
7	.80925	31.71	Qp	0	0	10.1	41.81	56	-14.19	-	-
8	.80925	23.99	Ca	0	0	10.1	34.09	-	-	46	-11.91
9	1.446	18.63	Qp	0	.1	10.1	28.83	56	-27.17	-	-
10	1.4325	12	Ca	0	.1	10.1	22.2	-	-	46	-23.8
11	2.2785	17.83	Qp	0	.1	10.1	28.03	56	-27.97	-	-
12	2.2785	11.67	Ca	0	.1	10.1	21.87	-	-	46	-24.13

Range 2: Line-L2 .15 - 30MHz											
Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	T1310 IL L2	LC Cables 2&3	Limiter (dB)	Corrected Reading dBuV	CFR 47 Part 15 Class B QP	QP Margin (dB)	CFR 47 Part 15 Class B Avg	Av(CISPR) Margin (dB)
13	.168	33.36	Qp	0	0	10.1	43.46	65.06	-21.6	-	-
14	.168	16.08	Ca	0	0	10.1	26.18	-	-	55.06	-28.88
15	.2535	30.48	Qp	0	0	10.1	40.58	61.64	-21.06	-	-
16	.2535	13.8	Ca	0	0	10.1	23.9	-	-	51.64	-27.74
17	.3345	25.82	Qp	0	0	10.1	35.92	59.34	-23.42	-	-
18	.33675	10.22	Ca	0	0	10.1	20.32	-	-	49.28	-28.96
19	.80475	32.01	Qp	0	0	10.1	42.11	56	-13.89	-	-
20	.80925	19.98	Ca	0	0	10.1	30.08	-	-	46	-15.92
21	1.44375	17.72	Qp	0	.1	10.1	27.92	56	-28.08	-	-
22	1.446	8.43	Ca	0	.1	10.1	18.63	-	-	46	-27.37
23	2.2785	15.47	Qp	0	.1	10.1	25.67	56	-30.33	-	-
24	2.2785	8.43	Ca	0	.1	10.1	18.63	-	-	46	-27.37

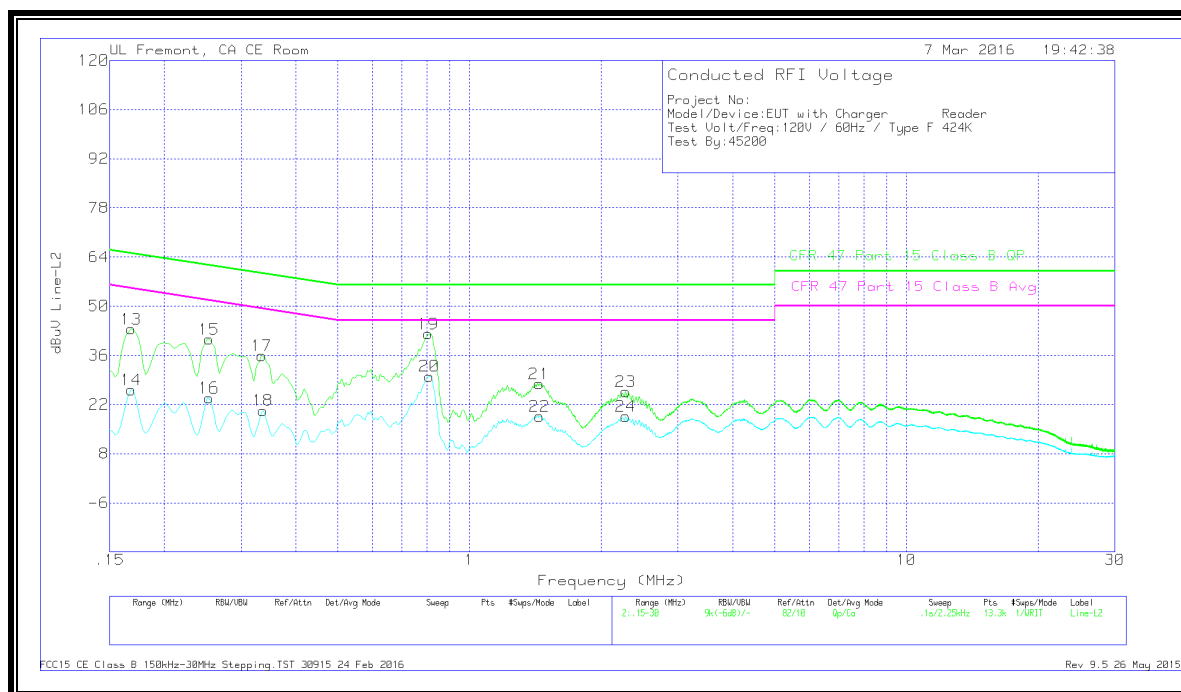
Qp - Quasi-Peak detector

Ca - CISPR average detection

LINE 1 RESULTS



LINE 2 RESULTS



10.6.3. NORMAL OPERATION 212KBPS

WORST EMISSIONS

Range 1: Line-L1 .15 - 30MHz											
Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	T24 IL L1	LC Cables 1&3	Limiter (dB)	Corrected Reading dBuV	CFR 47 Part 15 Class B QP	QP Margin (dB)	CFR 47 Part 15 Class B Avg	Av(CISPR) Margin (dB)
1	.168	32.43	Qp	1.2	0	10.1	43.73	65.06	-21.33	-	-
2	.168	15.34	Ca	1.2	0	10.1	26.64	-	-	55.06	-28.42
3	.19725	31.17	Qp	1	0	10.1	42.27	63.73	-21.46	-	-
4	.1995	13.79	Ca	.9	0	10.1	24.79	-	-	53.63	-28.84
5	.25125	29.53	Qp	.7	0	10.1	40.33	61.72	-21.39	-	-
6	.2535	13.62	Ca	.7	0	10.1	24.42	-	-	51.64	-27.22
7	.285	25.56	Qp	.6	0	10.1	36.26	60.67	-24.41	-	-
8	.285	10.04	Ca	.6	0	10.1	20.74	-	-	50.67	-29.93
9	.3345	25.41	Qp	.5	0	10.1	36.01	59.34	-23.33	-	-
10	.33675	10.66	Ca	.5	0	10.1	21.26	-	-	49.28	-28.02
11	.816	30.78	Qp	.3	0	10.1	41.18	56	-14.82	-	-
12	.81375	22.55	Ca	.3	0	10.1	32.95	-	-	46	-13.05
13	13.56	45.95	Qp	.2	.2	10.2	56.55	60	-3.45	-	-
14	13.56	42.77	Ca	.2	.2	10.2	53.37	-	-	50	3.37

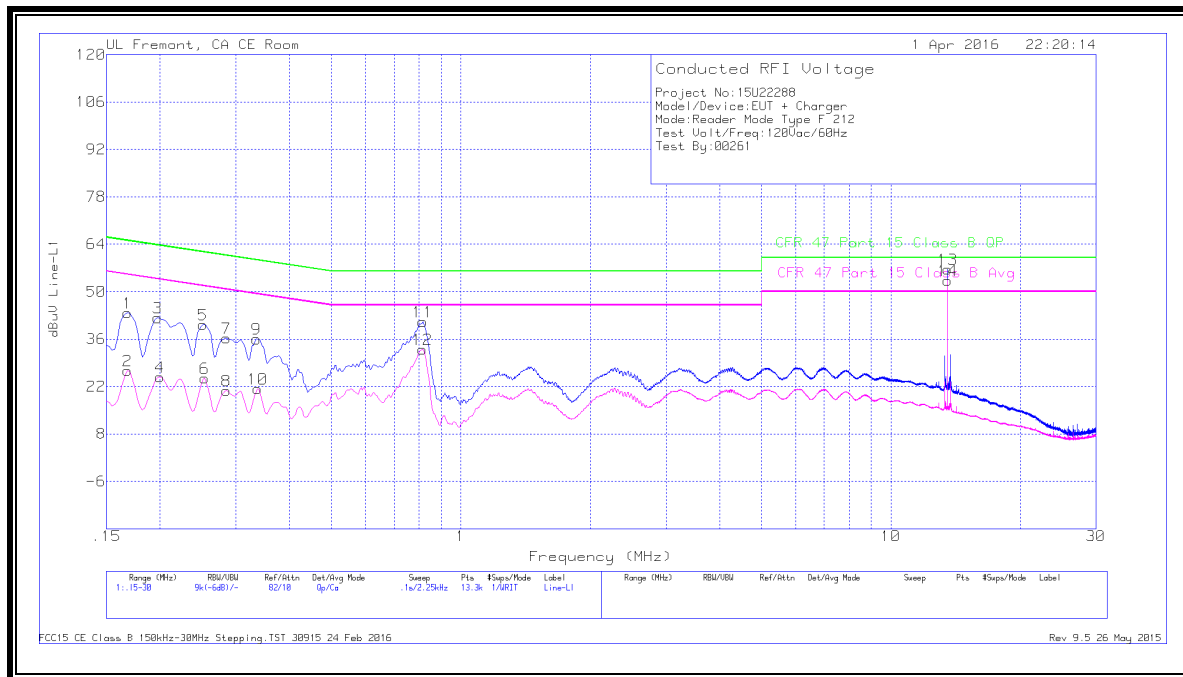
Range 2: Line-L2 .15 - 30MHz											
Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	T24 IL L2	LC Cables 2&3	Limiter (dB)	Corrected Reading dBuV	CFR 47 Part 15 Class B QP	QP Margin (dB)	CFR 47 Part 15 Class B Avg	Av(CISPR) Margin (dB)
15	.168	33.36	Qp	1.3	0	10.1	44.76	65.06	-20.3	-	-
16	.168	14.97	Ca	1.3	0	10.1	26.37	-	-	55.06	-28.69
17	.222	29.44	Qp	.9	0	10.1	40.44	62.74	-22.3	-	-
18	.222	10.92	Ca	.9	0	10.1	21.92	-	-	52.74	-30.82
19	.2535	30.16	Qp	.7	0	10.1	40.96	61.64	-20.68	-	-
20	.2535	11.69	Ca	.7	0	10.1	22.49	-	-	51.64	-29.15
21	.285	26.33	Qp	.6	0	10.1	37.03	60.67	-23.64	-	-
22	.285	7.96	Ca	.6	0	10.1	18.66	-	-	50.67	-32.01
23	.3345	25.26	Qp	.5	0	10.1	35.86	59.34	-23.48	-	-
24	.33675	7.22	Ca	.5	0	10.1	17.82	-	-	49.28	-31.46
25	.81825	30.99	Qp	.3	0	10.1	41.39	56	-14.61	-	-
26	.81825	16.58	Ca	.3	0	10.1	26.98	-	-	46	-19.02
27	13.56	45.46	Qp	.2	.2	10.2	56.06	60	-3.94	-	-
28	13.56	42	Ca	.2	.2	10.2	52.6	-	-	50	2.6

Qp - Quasi-Peak detector

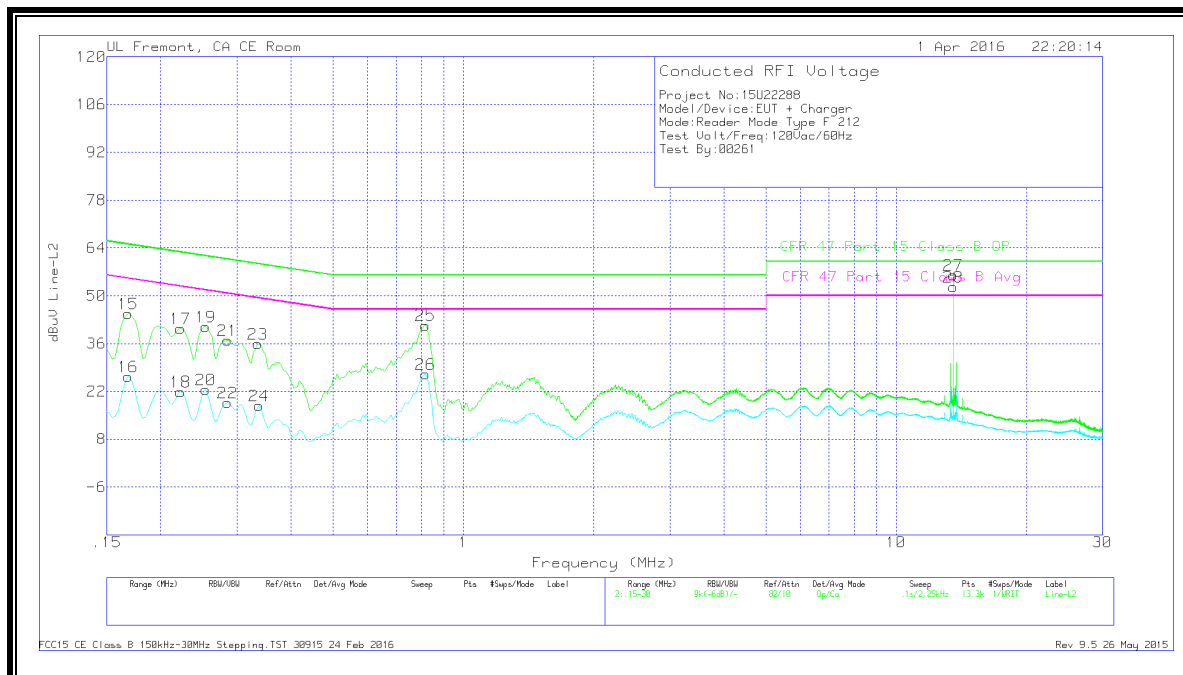
Ca - CISPR average detection

Note: 13.56MHz is a fundamental frequency of the EUT. Data under the following section indicate that when the antenna terminal is terminated the fundamental amplitude is lowering below the limit line.

LINE 1 RESULTS



LINE 2 RESULTS



10.6.4. WITH ANTENNA PORT TERMINATED 212KBPS

WORST EMISSIONS

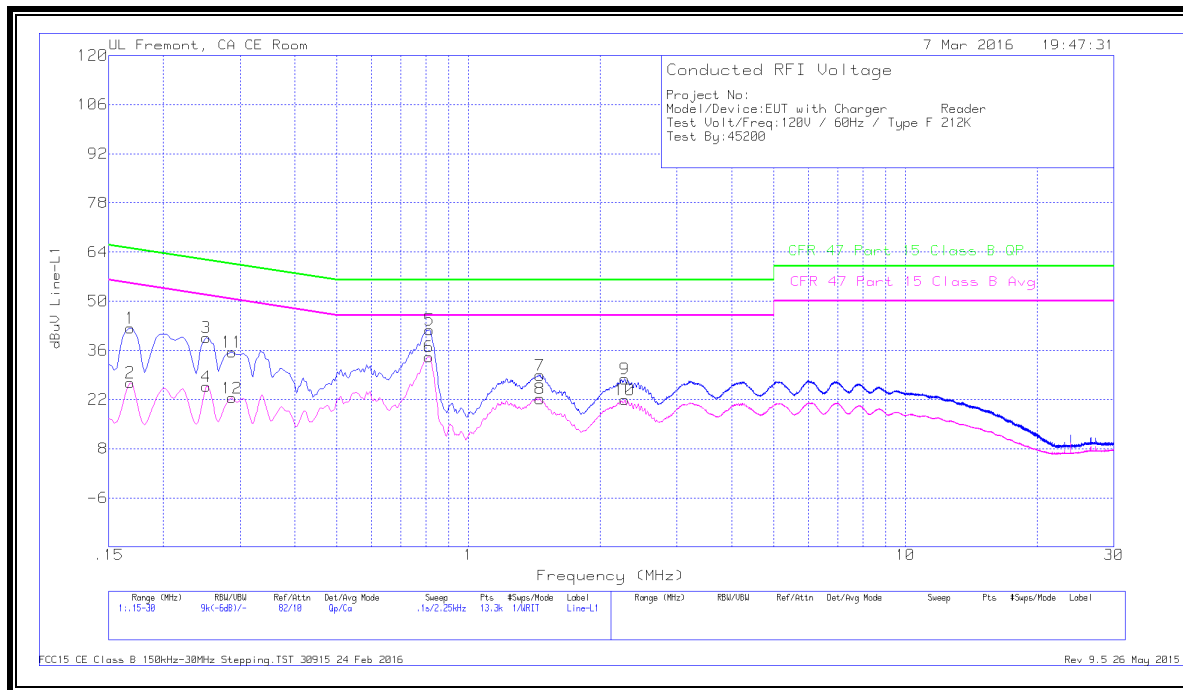
Range 1: Line-L1 .15 - 30MHz											
Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	T1310 IL L1	LC Cables 1&3	Limiter (dB)	Corrected Reading dBuV	CFR 47 Part 15 Class B QP	QP Margin (dB)	CFR 47 Part 15 Class B Avg	Av(CISPR) Margin (dB)
1	.168	32.28	Qp	0	0	10.1	42.38	65.06	-22.68	-	-
2	.168	16.69	Ca	0	0	10.1	26.79	-	-	55.06	-28.27
3	.25125	29.56	Qp	0	0	10.1	39.66	61.72	-22.06	-	-
4	.25125	15.6	Ca	0	0	10.1	25.7	-	-	51.72	-26.02
5	.81375	31.75	Qp	0	0	10.1	41.85	56	-14.15	-	-
6	.8115	24.09	Ca	0	0	10.1	34.19	-	-	46	-11.81
7	1.45725	18.71	Qp	0	.1	10.1	28.91	56	-27.09	-	-
8	1.45725	12.02	Ca	0	.1	10.1	22.22	-	-	46	-23.78
9	2.27738	17.69	Qp	0	.1	10.1	27.89	56	-28.11	-	-
10	2.2785	11.71	Ca	0	.1	10.1	21.91	-	-	46	-24.09
11	.28725	25.43	Qp	0	0	10.1	35.53	60.6	-25.07	-	-
12	.28725	12.33	Ca	0	0	10.1	22.43	-	-	50.6	-28.17

Range 2: Line-L2 .15 - 30MHz											
Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	T1310 IL L2	LC Cables 2&3	Limiter (dB)	Corrected Reading dBuV	CFR 47 Part 15 Class B QP	QP Margin (dB)	CFR 47 Part 15 Class B Avg	Av(CISPR) Margin (dB)
13	.168	33.44	Qp	0	0	10.1	43.54	65.06	-21.52	-	-
14	.168	16.29	Ca	0	0	10.1	26.39	-	-	55.06	-28.67
15	.2535	30.5	Qp	0	0	10.1	40.6	61.64	-21.04	-	-
16	.2535	13.95	Ca	0	0	10.1	24.05	-	-	51.64	-27.59
17	.28725	26.5	Qp	0	0	10.1	36.6	60.6	-24	-	-
18	.28725	10.44	Ca	0	0	10.1	20.54	-	-	50.6	-30.06
19	.816	32.5	Qp	0	0	10.1	42.6	56	-13.4	-	-
20	.81375	20.24	Ca	0	0	10.1	30.34	-	-	46	-15.66
21	1.455	17.82	Qp	0	.1	10.1	28.02	56	-27.98	-	-
22	1.455	8.61	Ca	0	.1	10.1	18.81	-	-	46	-27.19
23	2.27175	15.33	Qp	0	.1	10.1	25.53	56	-30.47	-	-
24	2.2785	8.37	Ca	0	.1	10.1	18.57	-	-	46	-27.43

Qp - Quasi-Peak detector

Ca - CISPR average detection

LINE 1 RESULTS



LINE 2 RESULTS

