

9. 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:

9.1. CE MODE TYPE A

9.1.1. NORMAL OPERATION, 848 KBPS

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	.16575	21.81	Qp	1.2	0	10.1	33.11	65.17	-32.06	-	-
2	.16575	6.09	Ca	1.2	0	10.1	17.39	-	-	55.17	-37.78
3	.249	19.77	Qp	.7	0	10.1	30.57	61.79	-31.22	-	-
4	.24675	3.6	Ca	.7	0	10.1	14.4	-	-	51.87	-37.47
5	.58425	16.51	Qp	.3	0	10.1	26.91	56	-29.09	-	-
6	.58425	5.29	Ca	.3	0	10.1	15.69	-	-	46	-30.31
7	.79125	24.53	Qp	.3	0	10.1	34.93	56	-21.07	-	-
8	.79125	14.43	Ca	.3	0	10.1	24.83	-	-	46	-21.17
9	12.714	21.11	Qp	.2	.2	10.2	31.71	60	-28.29	-	-
10	12.71175	16.96	Ca	.2	.2	10.2	27.56	-	-	50	-22.44
11	13.56	55.35	Qp	.2	.2	10.2	65.95	60	5.95	-	-
12	13.56	52.79	Ca	.2	.2	10.2	63.39	-	-	50	13.39

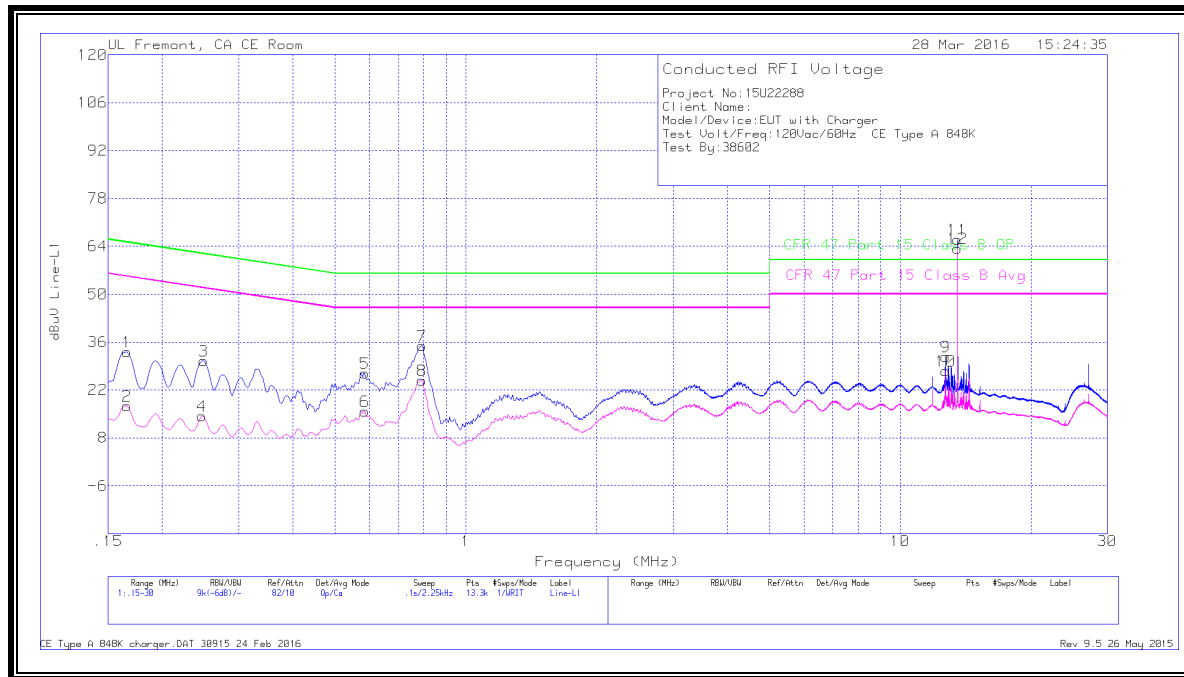
Range 2: Line-L2 .15 - 30MHz											
Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	T24 IL L2	LC Cables 2&3	Limiter (dB)	Corrected Reading dBuV	CFR 47 Part 15 Class B QP	QP Margin (dB)	CFR 47 Part 15 Class B Avg	Av(CISPR) Margin (dB)
13	.16575	21.46	Qp	1.3	0	10.1	32.86	65.17	-32.31	-	-
14	.16575	7.47	Ca	1.3	0	10.1	18.87	-	-	55.17	-36.3
15	.24675	17.62	Qp	.7	0	10.1	28.42	61.87	-33.45	-	-
16	.24675	7.32	Ca	.7	0	10.1	18.12	-	-	51.87	-33.75
17	.58425	15.33	Qp	.3	0	10.1	25.73	56	-30.27	-	-
18	.58425	8.41	Ca	.3	0	10.1	18.81	-	-	46	-27.19
19	.79125	24.29	Qp	.3	0	10.1	34.69	56	-21.31	-	-
20	.7935	17.3	Ca	.3	0	10.1	27.7	-	-	46	-18.3
21	12.714	18.79	Qp	.2	.2	10.2	29.39	60	-30.61	-	-
22	12.71175	15.03	Ca	.2	.2	10.2	25.63	-	-	50	-24.37
23	13.56	51.48	Qp	.2	.2	10.2	62.08	60	2.08	-	-
24	13.56	50.82	Ca	.2	.2	10.2	61.42	-	-	50	11.42

Qp - Quasi-Peak detector

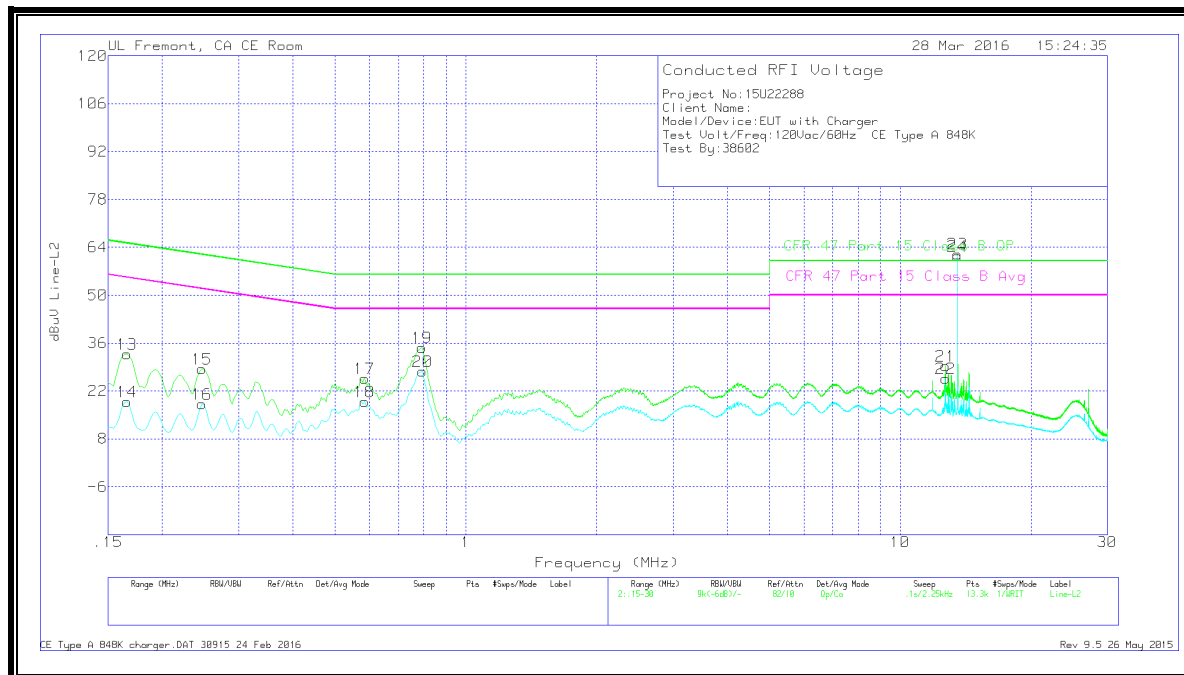
Ca - CISPR average detection

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



9.1.2. WITH ANTENNA PORT TERMINATED, 848 KBPS

WORST EMISSIONS

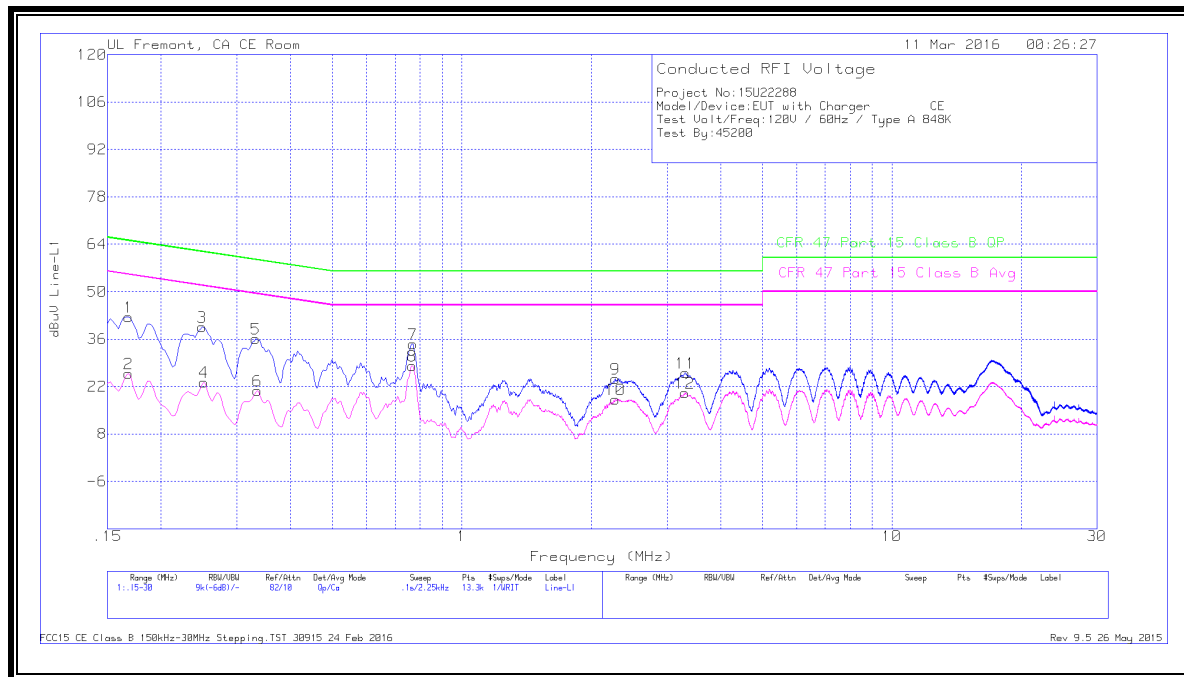
Range 1: Line-L1 .15 - 30MHz											
Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	T1310 IL L1	LC Cables 1&3	Limiter (dB)	Corrected Reading dBuV	CFR 47 Part 15 Class B QP	QP Margin (dB)	CFR 47 Part 15 Class B Avg	Av(CISPR) Margin (dB)
1	.168	32.5	Qp	0	0	10.1	42.6	65.06	-22.46	-	-
2	.168	15.74	Ca	0	0	10.1	25.84	-	-	55.06	-29.22
3	.249	29.42	Qp	0	0	10.1	39.52	61.79	-22.27	-	-
4	.25125	13.21	Ca	0	0	10.1	23.31	-	-	51.72	-28.41
5	.33225	26.04	Qp	0	0	10.1	36.14	59.39	-23.25	-	-
6	.3345	10.62	Ca	0	0	10.1	20.72	-	-	49.34	-28.62
7	.76875	24.38	Qp	0	0	10.1	34.48	56	-21.52	-	-
8	.7665	18	Ca	0	0	10.1	28.1	-	-	46	-17.9
9	2.274	14.05	Qp	0	.1	10.1	24.25	56	-31.75	-	-
10	2.274	8.04	Ca	0	.1	10.1	18.24	-	-	46	-27.76
11	3.3135	15.89	Qp	0	.1	10.1	26.09	56	-29.91	-	-
12	3.30563	9.92	Ca	0	.1	10.1	20.12	-	-	46	-25.88

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	33.7	Qp	0	0	10.1	43.8	65.06	-21.26	-	-
14	.168	16.28	Ca	0	0	10.1	26.38	-	-	55.06	-28.68
15	.249	30.03	Qp	0	0	10.1	40.13	61.79	-21.66	-	-
16	.25125	13.09	Ca	0	0	10.1	23.19	-	-	51.72	-28.53
17	.33225	25.87	Qp	0	0	10.1	35.97	59.39	-23.42	-	-
18	.3345	9.49	Ca	0	0	10.1	19.59	-	-	49.34	-29.75
19	.771	24.65	Qp	0	0	10.1	34.75	56	-21.25	-	-
20	.76425	17.9	Ca	0	0	10.1	28	-	-	46	-18
21	2.27625	14.03	Qp	0	.1	10.1	24.23	56	-31.77	-	-
22	2.27625	8.75	Ca	0	.1	10.1	18.95	-	-	46	-27.05
23	3.3045	16.02	Qp	0	.1	10.1	26.22	56	-29.78	-	-
24	3.30675	10.68	Ca	0	.1	10.1	20.88	-	-	46	-25.12

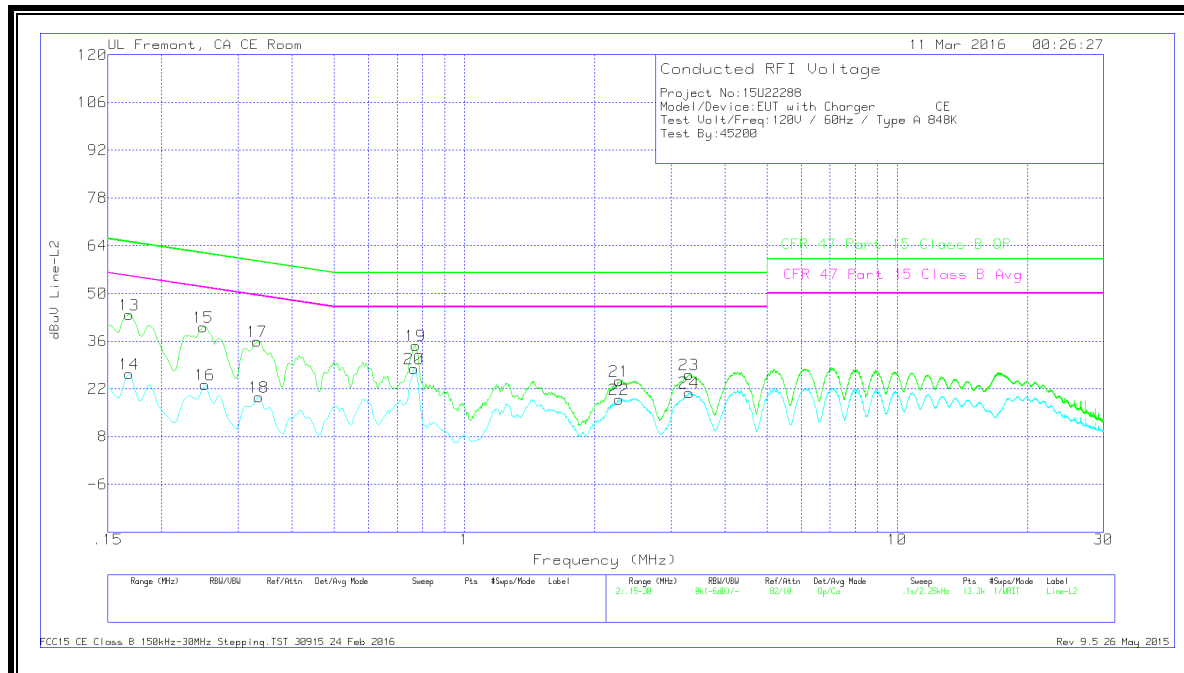
Qp - Quasi-Peak detector

Ca - CISPR average detection

LINE 1 RESULTS



LINE 2 RESULTS



9.1.3. NORMAL OPERATION, 424 KBPS

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	.16125	20.71	Qp	1.3	0	10.1	32.11	65.4	-33.29	-	-
2	.1635	5.38	Ca	1.2	0	10.1	16.68	-	-	55.28	-38.6
3	.24675	19.5	Qp	.7	0	10.1	30.3	61.87	-31.57	-	-
4	.24675	3.38	Ca	.7	0	10.1	14.18	-	-	51.87	-37.69
5	.33	17.58	Qp	.5	0	10.1	28.18	59.45	-31.27	-	-
6	.32775	2.18	Ca	.5	0	10.1	12.78	-	-	49.51	-36.73
7	.78675	23.59	Qp	.3	0	10.1	33.99	56	-22.01	-	-
8	.789	14.06	Ca	.3	0	10.1	24.46	-	-	46	-21.54
9	12.714	21.26	Qp	.2	.2	10.2	31.86	60	-28.14	-	-
10	12.714	15.13	Ca	.2	.2	10.2	25.73	-	-	50	-24.27
11	13.56	55.52	Qp	.2	.2	10.2	66.12	60	6.12	-	-
12	13.56	52.97	Ca	.2	.2	10.2	63.57	-	-	50	13.57

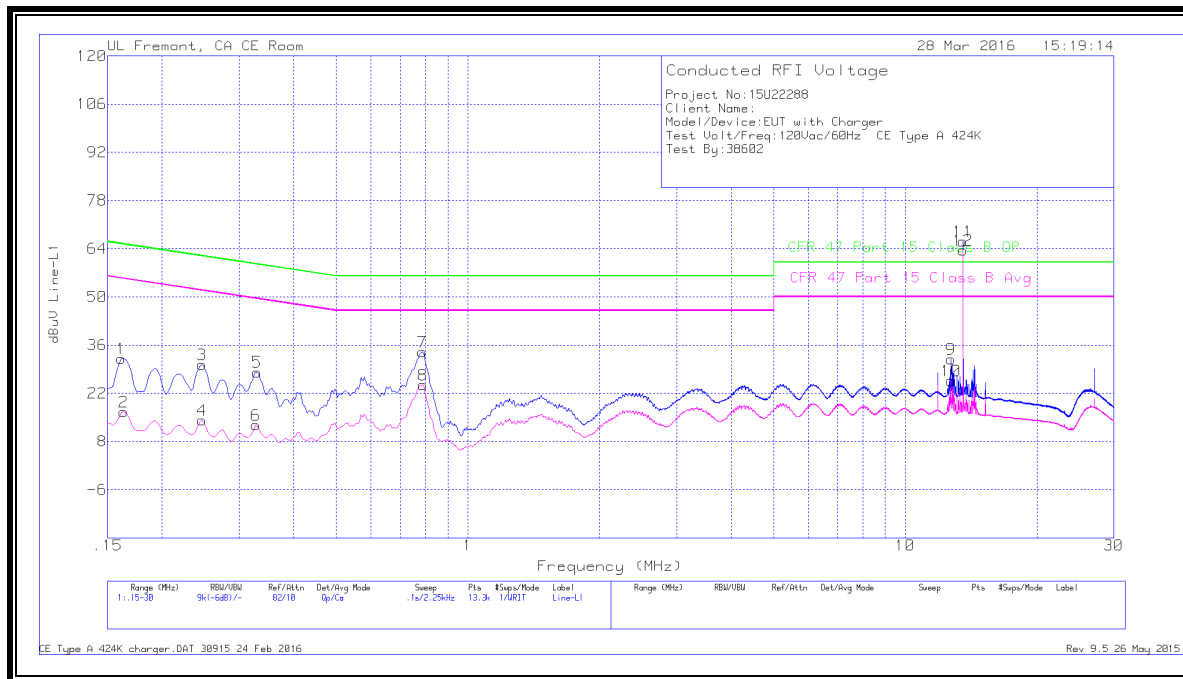
Range 2: Line-L2 .15 - 30MHz											
Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	T24 IL L2	LC Cables 2&3	Limiter (dB)	Corrected Reading dBuV	CFR 47 Part 15 Class B QP	QP Margin (dB)	CFR 47 Part 15 Class B Avg	Av(CISPR) Margin (dB)
13	.1635	20.06	Qp	1.3	0	10.1	31.46	65.28	-33.82	-	-
14	.1635	6.71	Ca	1.3	0	10.1	18.11	-	-	55.28	-37.17
15	.24675	17.15	Qp	.7	0	10.1	27.95	61.87	-33.92	-	-
16	.24675	7.26	Ca	.7	0	10.1	18.06	-	-	51.87	-33.81
17	.57975	15.24	Qp	.3	0	10.1	25.64	56	-30.36	-	-
18	.57975	8.85	Ca	.3	0	10.1	19.25	-	-	46	-26.75
19	.789	23.49	Qp	.3	0	10.1	33.89	56	-22.11	-	-
20	.789	17.09	Ca	.3	0	10.1	27.49	-	-	46	-18.51
21	12.714	18.89	Qp	.2	.2	10.2	29.49	60	-30.51	-	-
22	12.714	13.28	Ca	.2	.2	10.2	23.88	-	-	50	-26.12
23	13.56	51.7	Qp	.2	.2	10.2	62.3	60	2.3	-	-
24	13.56	51.01	Ca	.2	.2	10.2	61.61	-	-	50	11.61

Qp - Quasi-Peak detector

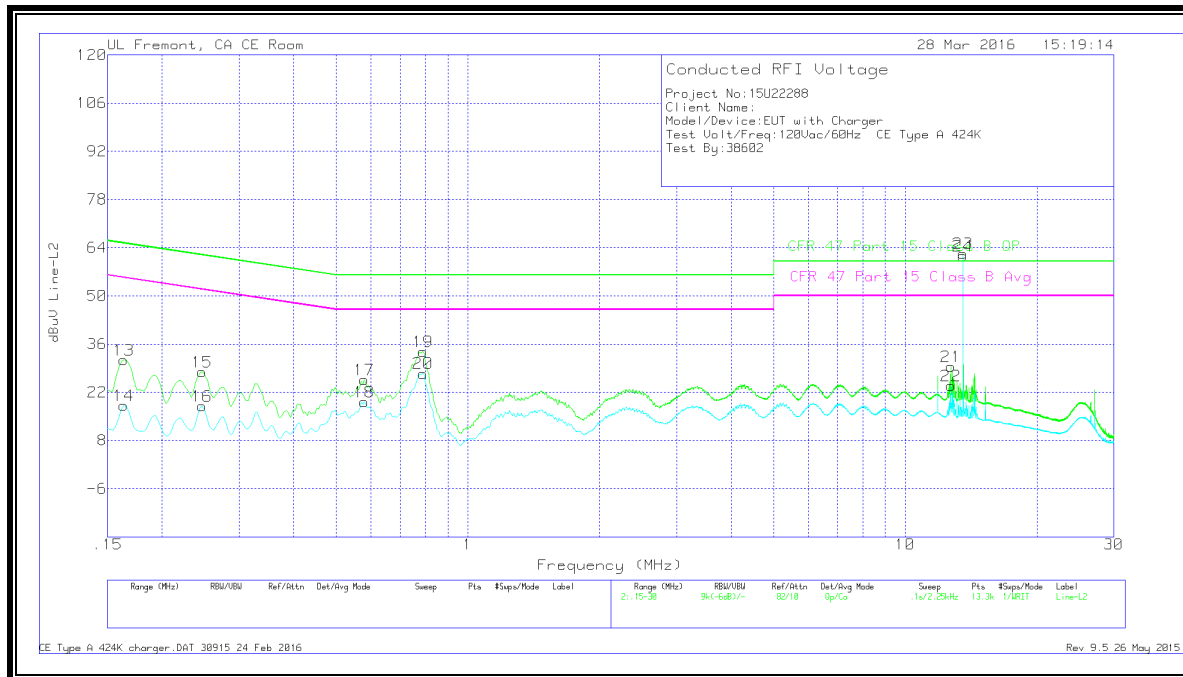
Ca - CISPR average detection

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



9.1.4. WITH ANTENNA PORT TERMINATED, 424 KBPS

WORST EMISSIONS

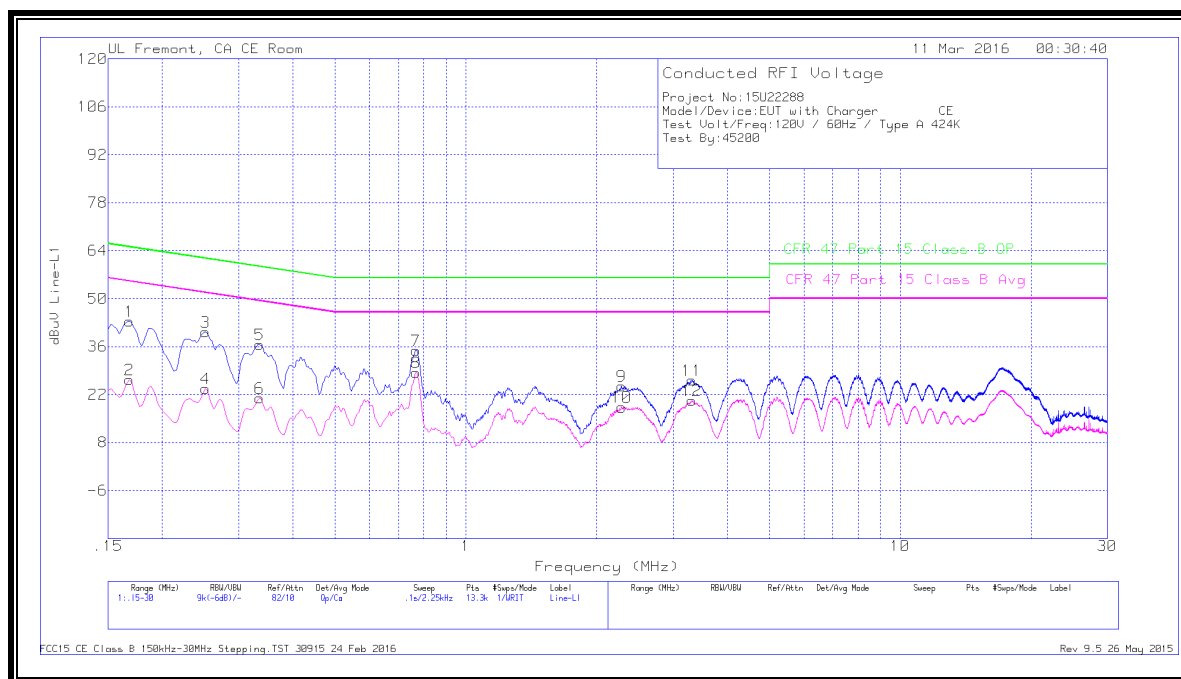
Range 1: Line-L1 .15 - 30MHz											
Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	T1310 IL L1	LC Cables 1&3	Limiter (dB)	Corrected Reading dBuV	CFR 47 Part 15 Class B QP	QP Margin (dB)	CFR 47 Part 15 Class B Avg	Av(CISPR) Margin (dB)
1	.168	33.26	Qp	0	0	10.1	43.36	65.06	-21.7	-	-
2	.168	16.23	Ca	0	0	10.1	26.33	-	-	55.06	-28.73
3	.25125	30.1	Qp	0	0	10.1	40.2	61.72	-21.52	-	-
4	.25125	13.61	Ca	0	0	10.1	23.71	-	-	51.72	-28.01
5	.3345	26.59	Qp	0	0	10.1	36.69	59.34	-22.65	-	-
6	.3345	10.85	Ca	0	0	10.1	20.95	-	-	49.34	-28.39
7	.7665	24.85	Qp	0	0	10.1	34.95	56	-21.05	-	-
8	.7665	18.36	Ca	0	0	10.1	28.46	-	-	46	-17.54
9	2.28075	14.26	Qp	0	.1	10.1	24.46	56	-31.54	-	-
10	2.28075	8.08	Ca	0	.1	10.1	18.28	-	-	46	-27.72
11	3.3135	16.04	Qp	0	.1	10.1	26.24	56	-29.76	-	-
12	3.3135	10.03	Ca	0	.1	10.1	20.23	-	-	46	-25.77

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	CFR 47 Part 15 Class B QP	QP Margin (dB)	CFR 47 Part 15 Class B Avg	Av(CISPR) Margin (dB)
13	.168	34.37	Qp	0	0	10.1	44.47	65.06	-20.59	-	-
14	.168	16.67	Ca	0	0	10.1	26.77	-	-	55.06	-28.29
15	.25125	30.71	Qp	0	0	10.1	40.81	61.72	-20.91	-	-
16	.25125	13.33	Ca	0	0	10.1	23.43	-	-	51.72	-28.29
17	.33337	26.4	Qp	0	0	10.1	36.5	59.37	-22.87	-	-
18	.3345	9.65	Ca	0	0	10.1	19.75	-	-	49.34	-29.59
19	.7665	24.88	Qp	0	0	10.1	34.98	56	-21.02	-	-
20	.7665	18.07	Ca	0	0	10.1	28.17	-	-	46	-17.83
21	2.28075	14.17	Qp	0	.1	10.1	24.37	56	-31.63	-	-
22	2.28075	8.8	Ca	0	.1	10.1	19	-	-	46	-27
23	3.31575	16.16	Qp	0	.1	10.1	26.36	56	-29.64	-	-
24	3.3135	10.85	Ca	0	.1	10.1	21.05	-	-	46	-24.95

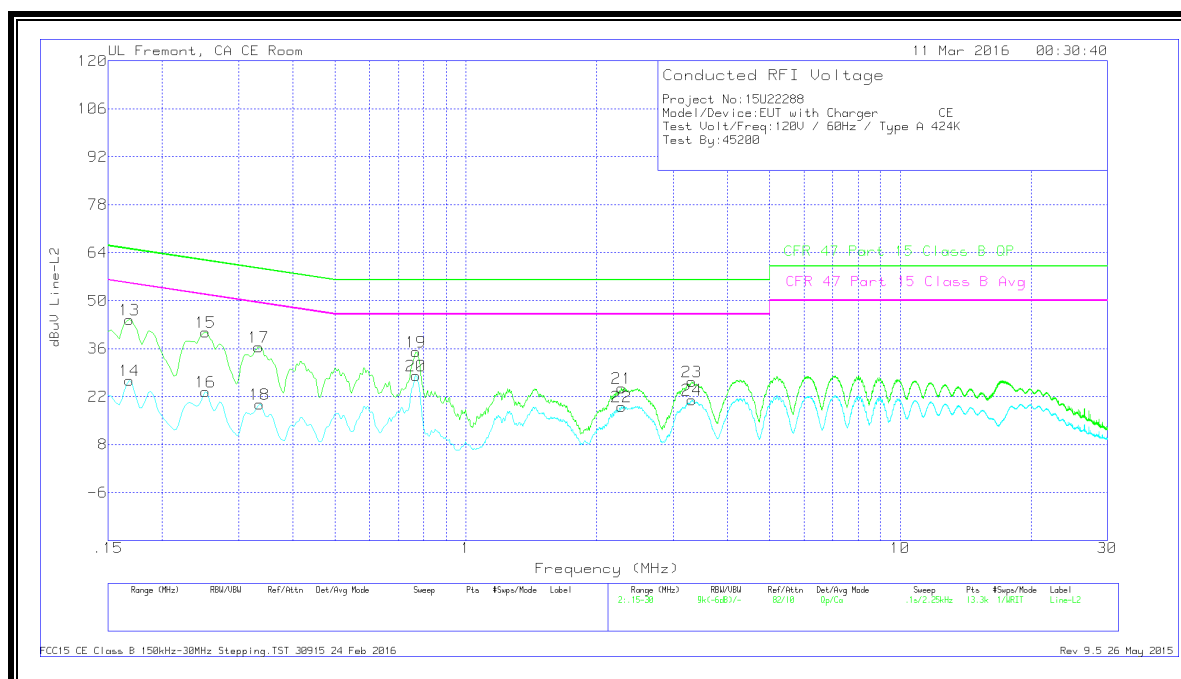
Qp - Quasi-Peak detector

Ca - CISPR average detection

LINE 1 RESULTS



LINE 2 RESULTS



9.1.5. NORMAL OPERATION, 212 KBPS

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	.16125	18.93	Qp	1.3	0	10.1	30.33	65.4	-35.07	-	-
2	.16125	4.25	Ca	1.3	0	10.1	15.65	-	-	55.4	-39.75
3	.24225	18.05	Qp	.7	0	10.1	28.85	62.02	-33.17	-	-
4	.24225	2.54	Ca	.7	0	10.1	13.34	-	-	52.02	-38.68
5	.3255	16.56	Qp	.5	0	10.1	27.16	59.57	-32.41	-	-
6	.32325	1.76	Ca	.5	0	10.1	12.36	-	-	49.62	-37.26
7	.57075	15.04	Qp	.3	0	10.1	25.44	56	-30.56	-	-
8	.57075	5.7	Ca	.3	0	10.1	16.1	-	-	46	-29.9
9	.77775	21.35	Qp	.3	0	10.1	31.75	56	-24.25	-	-
10	.77775	12.96	Ca	.3	0	10.1	23.36	-	-	46	-22.64
11	13.56	54.84	Qp	.2	.2	10.2	65.44	60	5.44	-	-
12	13.56	52.33	Ca	.2	.2	10.2	62.93	-	-	50	12.93

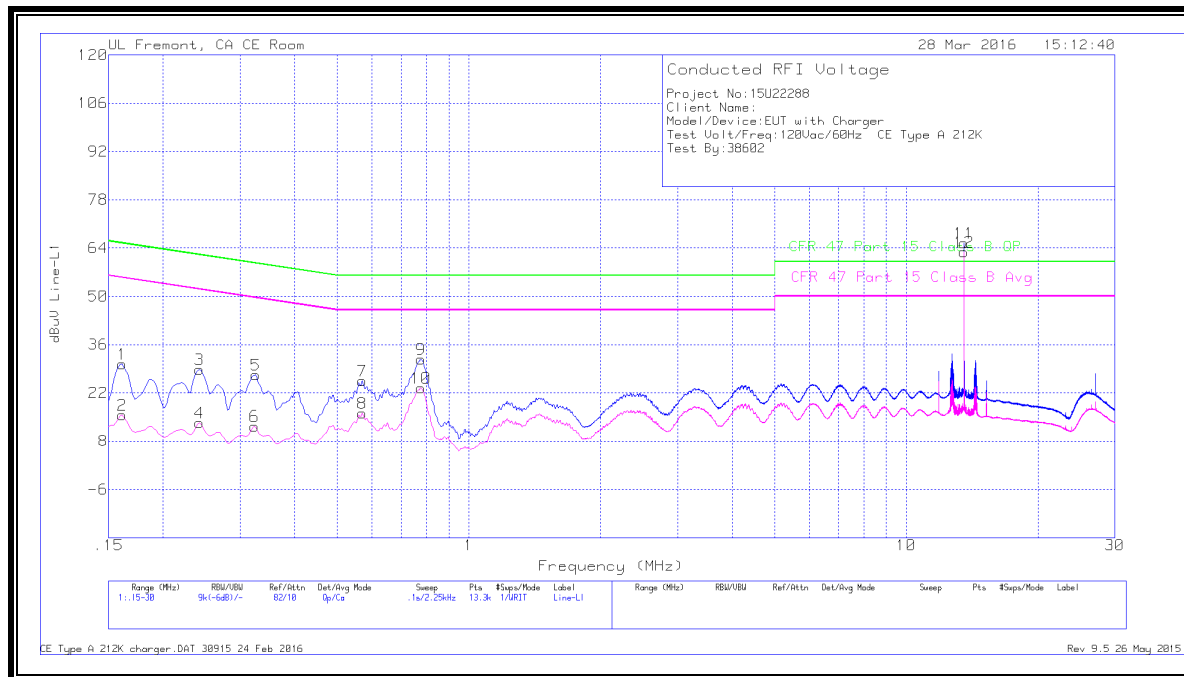
Range 2: Line-L2 .15 - 30MHz											
Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	T24 IL L2	LC Cables 2&3	Limiter (dB)	Corrected Reading dBuV	CFR 47 Part 15 Class B QP	QP Margin (dB)	CFR 47 Part 15 Class B Avg	Av(CISPR) Margin (dB)
13	.24225	15.48	Qp	.8	0	10.1	26.38	62.02	-35.64	-	-
14	.24225	6.64	Ca	.8	0	10.1	17.54	-	-	52.02	-34.48
15	.57075	14.32	Qp	.3	0	10.1	24.72	56	-31.28	-	-
16	.57075	9.1	Ca	.3	0	10.1	19.5	-	-	46	-26.5
17	.77775	22.65	Qp	.3	0	10.1	33.05	56	-22.95	-	-
18	.78	16.4	Ca	.3	0	10.1	26.8	-	-	46	-19.2
19	12.71288	20.32	Qp	.2	.2	10.2	30.92	60	-29.08	-	-
20	12.71625	13.29	Ca	.2	.2	10.2	23.89	-	-	50	-26.11
21	13.56	51.03	Qp	.2	.2	10.2	61.63	60	1.63	-	-
22	13.56	50.37	Ca	.2	.2	10.2	60.97	-	-	50	10.97
23	14.40825	18.08	Qp	.2	.2	10.2	28.68	60	-31.32	-	-
24	14.40488	11.21	Ca	.2	.2	10.2	21.81	-	-	50	-28.19

Qp - Quasi-Peak detector

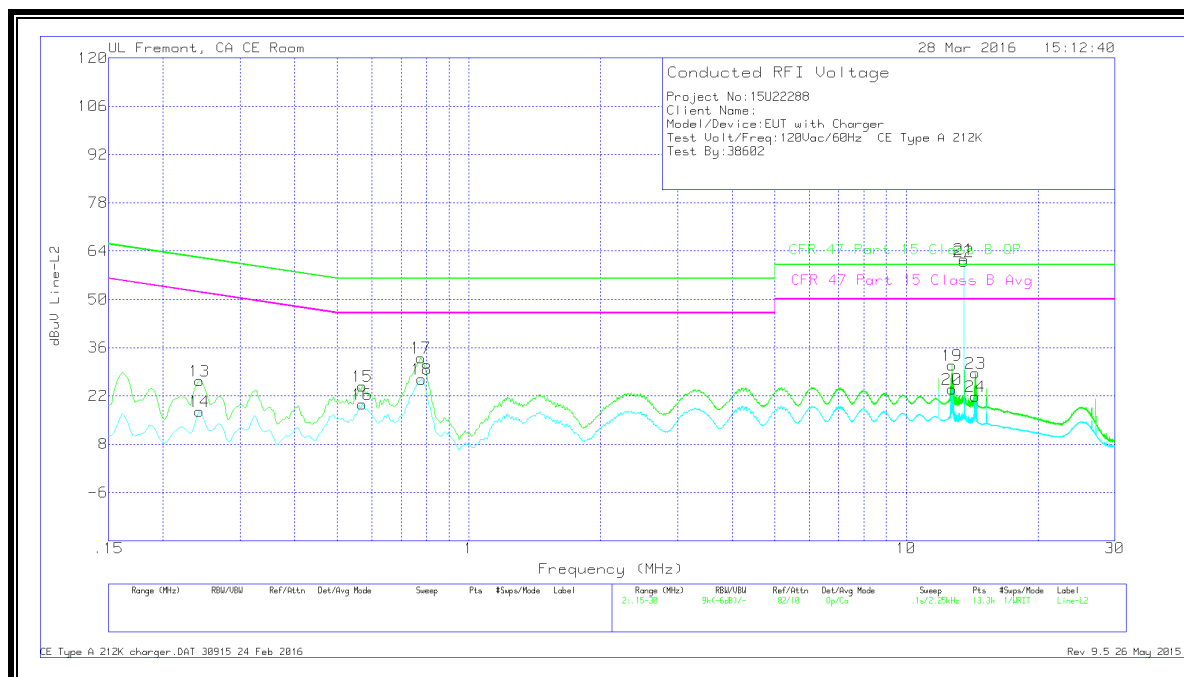
Ca - CISPR average detection

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



9.1.6. WITH ANTENNA PORT TERMINATED, 212 KBPS

WORST EMISSIONS

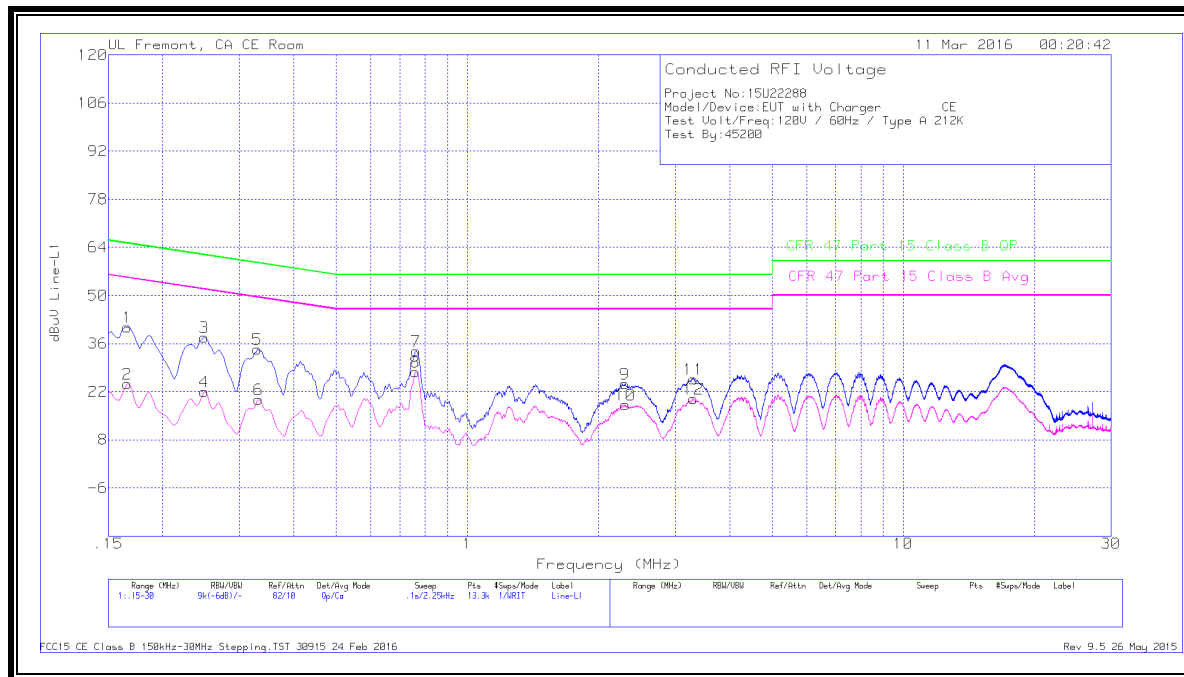
Range 1: Line-L1 .15 - 30MHz											
Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	T1310 IL L1	LC Cables 1&3	Limiter (dB)	Corrected Reading dBuV	CFR 47 Part 15 Class B QP	QP Margin (dB)	CFR 47 Part 15 Class B Avg	Av(CISPR) Margin (dB)
1	.16575	30.71	Qp	0	0	10.1	40.81	65.17	-24.36	-	-
2	.16575	14.12	Ca	0	0	10.1	24.22	-	-	55.17	-30.95
3	.249	27.66	Qp	0	0	10.1	37.76	61.79	-24.03	-	-
4	.249	11.85	Ca	0	0	10.1	21.95	-	-	51.79	-29.84
5	.33	24.24	Qp	0	0	10.1	34.34	59.45	-25.11	-	-
6	.33225	9.58	Ca	0	0	10.1	19.68	-	-	49.39	-29.71
7	.762	23.72	Qp	0	0	10.1	33.82	56	-22.18	-	-
8	.76087	17.65	Ca	0	0	10.1	27.75	-	-	46	-18.25
9	2.301	14.13	Qp	0	.1	10.1	24.33	56	-31.67	-	-
10	2.30325	7.97	Ca	0	.1	10.1	18.17	-	-	46	-27.83
11	3.3045	15.53	Qp	0	.1	10.1	25.73	56	-30.27	-	-
12	3.3045	9.66	Ca	0	.1	10.1	19.86	-	-	46	-26.14

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	32.08	Qp	0	0	10.1	42.18	65.06	-22.88	-	-
14	.168	14.98	Ca	0	0	10.1	25.08	-	-	55.06	-29.98
15	.249	28.74	Qp	0	0	10.1	38.84	61.79	-22.95	-	-
16	.25125	12.09	Ca	0	0	10.1	22.19	-	-	51.72	-29.53
17	.33225	24.59	Qp	0	0	10.1	34.69	59.39	-24.7	-	-
18	.3345	8.75	Ca	0	0	10.1	18.85	-	-	49.34	-30.49
19	.7665	23.6	Qp	0	0	10.1	33.7	56	-22.3	-	-
20	.762	17.55	Ca	0	0	10.1	27.65	-	-	46	-18.35
21	2.30775	14.22	Qp	0	.1	10.1	24.42	56	-31.58	-	-
22	2.3055	8.7	Ca	0	.1	10.1	18.9	-	-	46	-27.1
23	3.291	16.07	Qp	0	.1	10.1	26.27	56	-29.73	-	-
24	3.29325	10.68	Ca	0	.1	10.1	20.88	-	-	46	-25.12

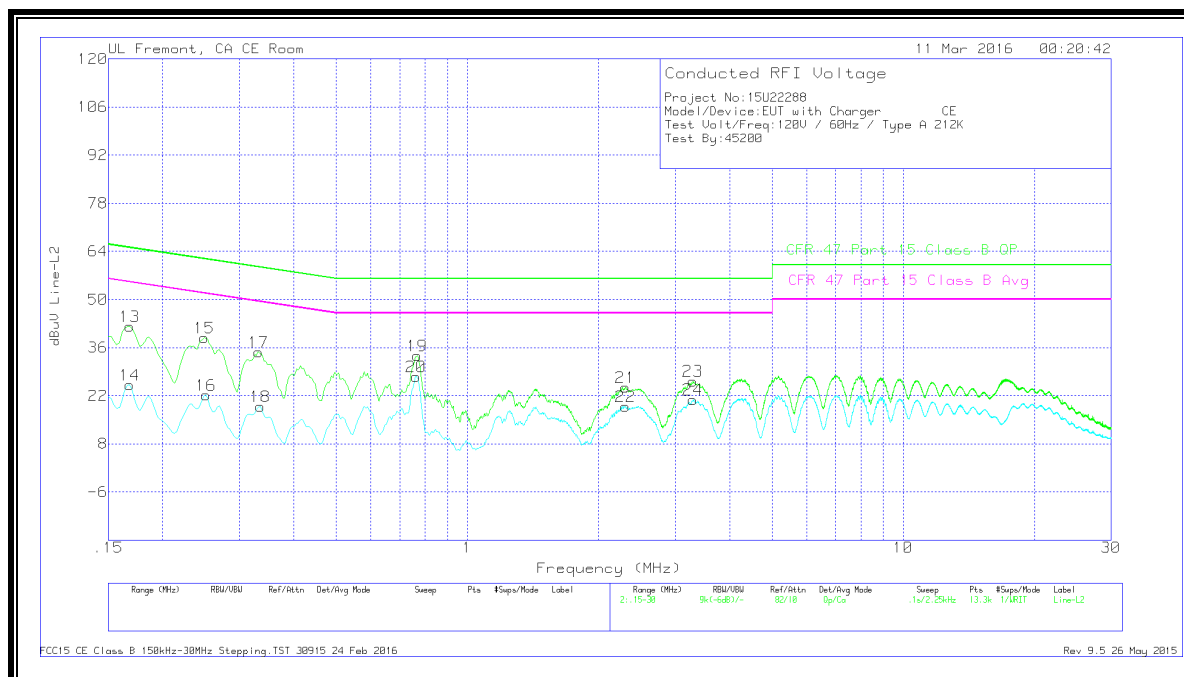
Qp - Quasi-Peak detector

Ca - CISPR average detection

LINE 1 RESULTS



LINE 2 RESULTS



9.1.7. NORMAL OPERATION, 106 KBPS

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	33.71	Qp	1.2	0	10.1	45.01	64.95	-19.94	-	-
2	.17025	16.39	Ca	1.2	0	10.1	27.69	-	-	54.95	-27.26
3	.19725	32.65	Qp	1	0	10.1	43.75	63.73	-19.98	-	-
4	.1995	15.27	Ca	.9	0	10.1	26.27	-	-	53.63	-27.36
5	.2535	30.39	Qp	.7	0	10.1	41.19	61.64	-20.45	-	-
6	.25575	14.23	Ca	.7	0	10.1	25.03	-	-	51.57	-26.54
7	.816	32.36	Qp	.3	0	10.1	42.76	56	-13.24	-	-
8	.81825	24.11	Ca	.3	0	10.1	34.51	-	-	46	-11.49
9	14.40825	24.05	Qp	.2	.2	10.2	34.65	60	-25.35	-	-
10	14.40825	20.18	Ca	.2	.2	10.2	30.78	-	-	50	-19.22
11	13.56	55.69	Qp	.2	.2	10.2	66.29	60	6.29	-	-
12	13.56	52.66	Ca	.2	.2	10.2	63.26	-	-	50	13.26

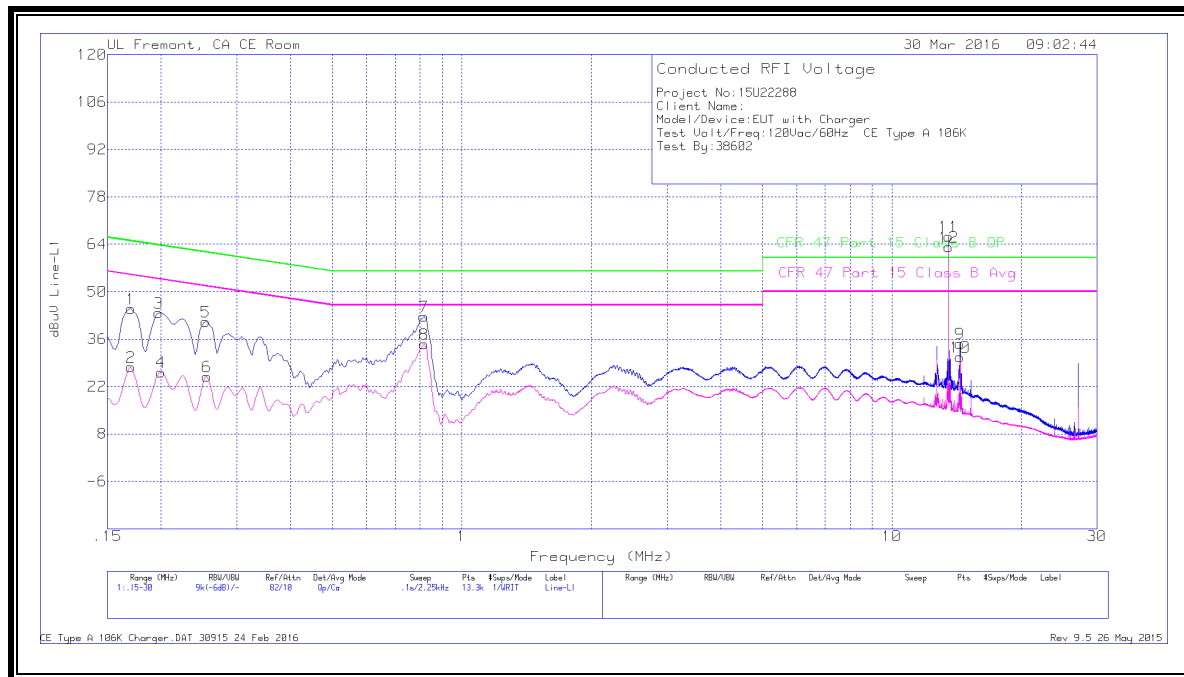
Range 2: Line-L2 .15 - 30MHz											
Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	T24 IL L2	LC Cables 2&3	Limiter (dB)	Corrected Reading dBuV	CFR 47 Part 15 Class B QP	QP Margin (dB)	CFR 47 Part 15 Class B Avg	Av(CISPR) Margin (dB)
13	.17025	34.68	Qp	1.2	0	10.1	45.98	64.95	-18.97	-	-
14	.17025	16.22	Ca	1.2	0	10.1	27.52	-	-	54.95	-27.43
15	.22425	30.59	Qp	.9	0	10.1	41.59	62.66	-21.07	-	-
16	.22425	12.11	Ca	.9	0	10.1	23.11	-	-	52.66	-29.55
17	.25575	31.03	Qp	.7	0	10.1	41.83	61.57	-19.74	-	-
18	.2535	12.56	Ca	.7	0	10.1	23.36	-	-	51.64	-28.28
19	.81825	32.79	Qp	.3	0	10.1	43.19	56	-12.81	-	-
20	.816	18.77	Ca	.3	0	10.1	29.17	-	-	46	-16.83
21	14.40825	23.61	Qp	.2	.2	10.2	34.21	60	-25.79	-	-
22	14.40825	19.76	Ca	.2	.2	10.2	30.36	-	-	50	-19.64
23	13.56	55.56	Qp	.2	.2	10.2	66.16	60	6.16	-	-
24	13.56	52.2	Ca	.2	.2	10.2	62.8	-	-	50	12.8

Qp - Quasi-Peak detector

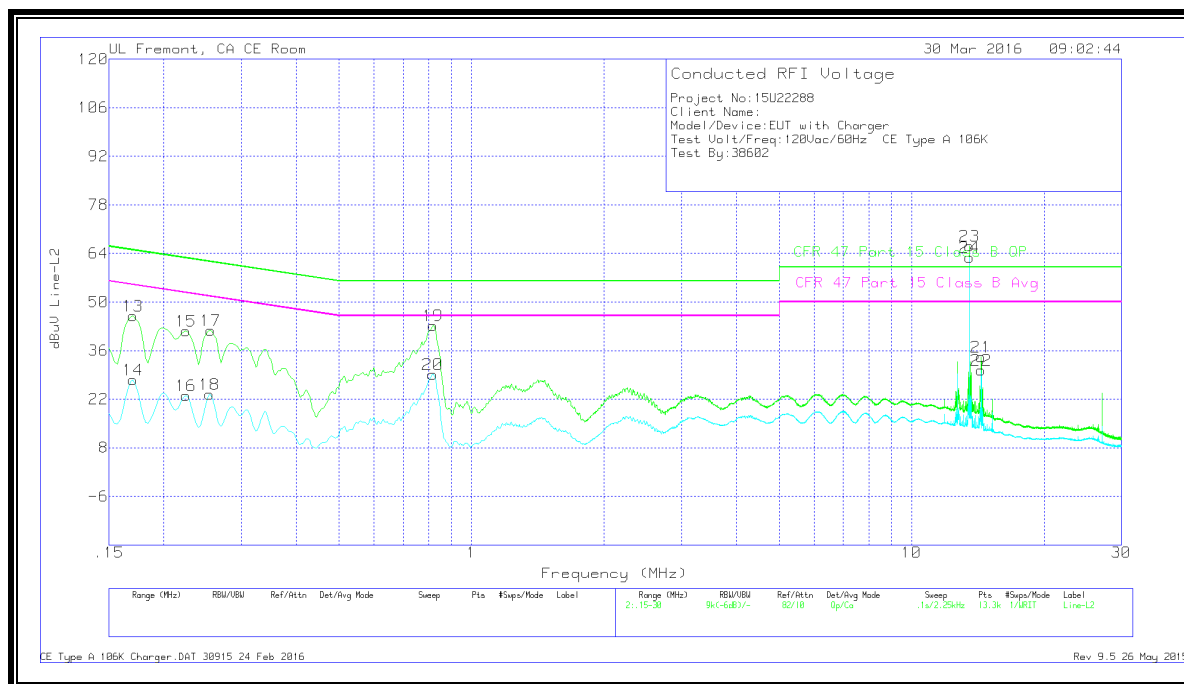
Ca - CISPR average detection

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



9.1.8. WITH ANTENNA PORT TERMINATED, 106 KBPS

WORST EMISSIONS

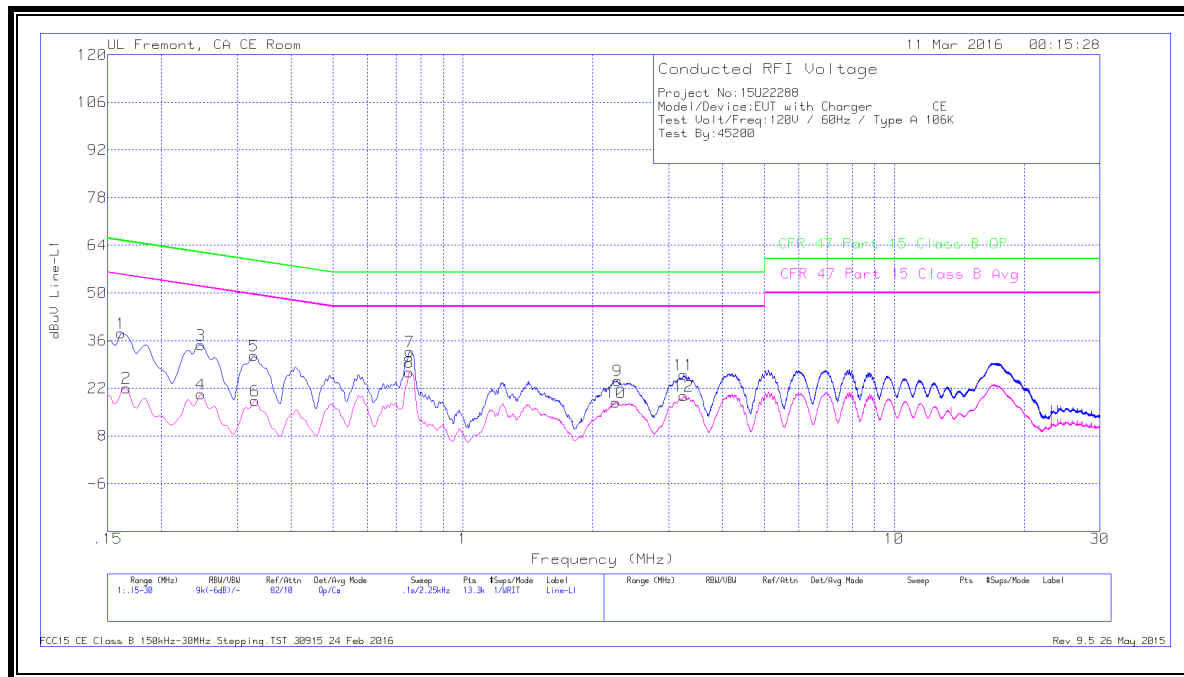
Range 1: Line-L1 .15 - 30MHz											
Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	T1310 IL L1	LC Cables 1&3	Limiter (dB)	Corrected Reading dBuV	CFR 47 Part 15 Class B QP	QP Margin (dB)	CFR 47 Part 15 Class B Avg	Av(CISPR) Margin (dB)
1	.16125	28.01	Qp	0	0	10.1	38.11	65.4	-27.29	-	-
2	.16575	12	Ca	0	0	10.1	22.1	-	-	55.17	-33.07
3	.24675	24.59	Qp	0	0	10.1	34.69	61.87	-27.18	-	-
4	.24675	10.13	Ca	0	0	10.1	20.23	-	-	51.87	-31.64
5	.32775	21.49	Qp	0	0	10.1	31.59	59.51	-27.92	-	-
6	.33	8.28	Ca	0	0	10.1	18.38	-	-	49.45	-31.07
7	.753	22.67	Qp	0	0	10.1	32.77	56	-23.23	-	-
8	.75075	16.65	Ca	0	0	10.1	26.75	-	-	46	-19.25
9	2.283	14.09	Qp	0	.1	10.1	24.29	56	-31.71	-	-
10	2.26163	7.65	Ca	0	.1	10.1	17.85	-	-	46	-28.15
11	3.2505	15.81	Qp	0	.1	10.1	26.01	56	-29.99	-	-
12	3.25275	9.55	Ca	0	.1	10.1	19.75	-	-	46	-26.25

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	29.04	Qp	0	0	10.1	39.14	65.17	-26.03	-	-
14	.16575	12.85	Ca	0	0	10.1	22.95	-	-	55.17	-32.22
15	.24675	25.96	Qp	0	0	10.1	36.06	61.87	-25.81	-	-
16	.249	10.36	Ca	0	0	10.1	20.46	-	-	51.79	-31.33
17	.32775	22.25	Qp	0	0	10.1	32.35	59.51	-27.16	-	-
18	.33	7.65	Ca	0	0	10.1	17.75	-	-	49.45	-31.7
19	.75975	21.76	Qp	0	.1	10.1	31.96	56	-24.04	-	-
20	.753	16.66	Ca	0	0	10.1	26.76	-	-	46	-19.24
21	2.2875	14.08	Qp	0	.1	10.1	24.28	56	-31.72	-	-
22	2.26725	8.32	Ca	0	.1	10.1	18.52	-	-	46	-27.48
23	3.25275	15.53	Qp	0	.1	10.1	25.73	56	-30.27	-	-
24	3.2415	9.92	Ca	0	.1	10.1	20.12	-	-	46	-25.88

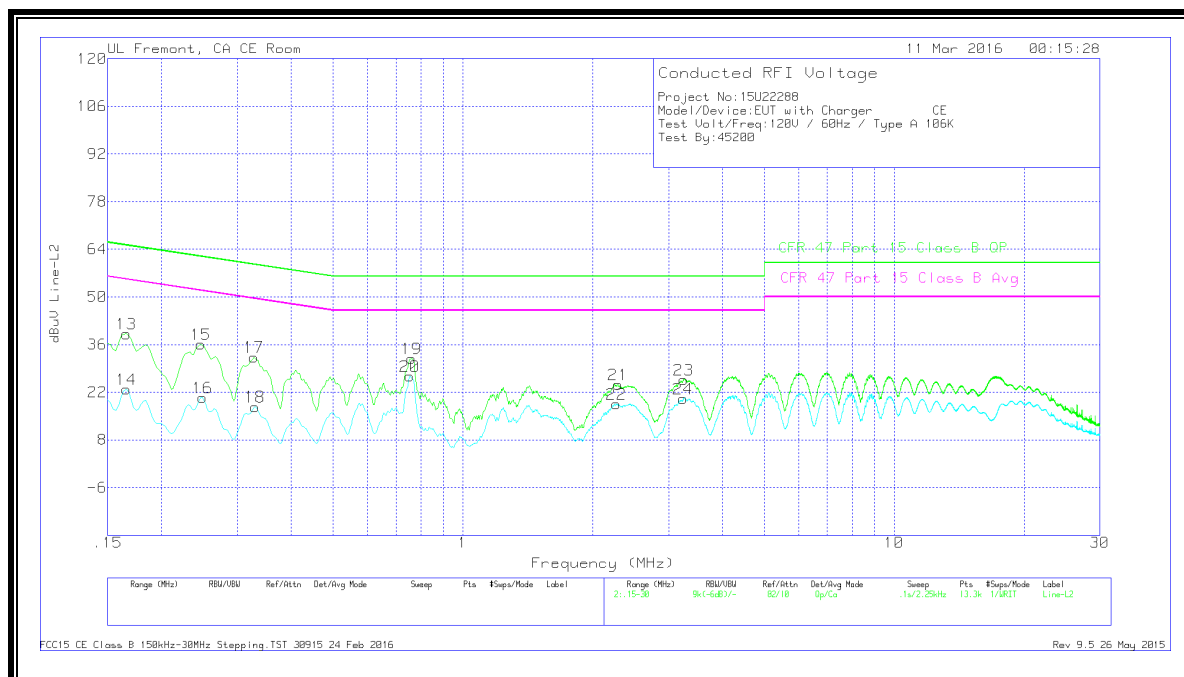
Qp - Quasi-Peak detector

Ca - CISPR average detection

LINE 1 RESULTS



LINE 2 RESULTS



9.2. CE MODE TYPE B

9.2.1. NORMAL OPERATION, 848 KBPS

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	.16575	23.47	Qp	1.2	0	10.1	34.77	65.17	-30.4	-	-
2	.16575	7.41	Ca	1.2	0	10.1	18.71	-	-	55.17	-36.46
3	.249	20.18	Qp	.7	0	10.1	30.98	61.79	-30.81	-	-
4	.249	4.14	Ca	.7	0	10.1	14.94	-	-	51.79	-36.85
5	.5775	16.61	Qp	.3	0	10.1	27.01	56	-28.99	-	-
6	.5775	5.43	Ca	.3	0	10.1	15.83	-	-	46	-30.17
7	.7845	25.25	Qp	.3	0	10.1	35.65	56	-20.35	-	-
8	.7845	14.97	Ca	.3	0	10.1	25.37	-	-	46	-20.63
9	12.71175	24.89	Qp	.2	.2	10.2	35.49	60	-24.51	-	-
10	12.71175	17.5	Ca	.2	.2	10.2	28.1	-	-	50	-21.9
11	13.56	53.02	Qp	.2	.2	10.2	63.62	60	3.62	-	-
12	13.56	50.37	Ca	.2	.2	10.2	60.97	-	-	50	10.97

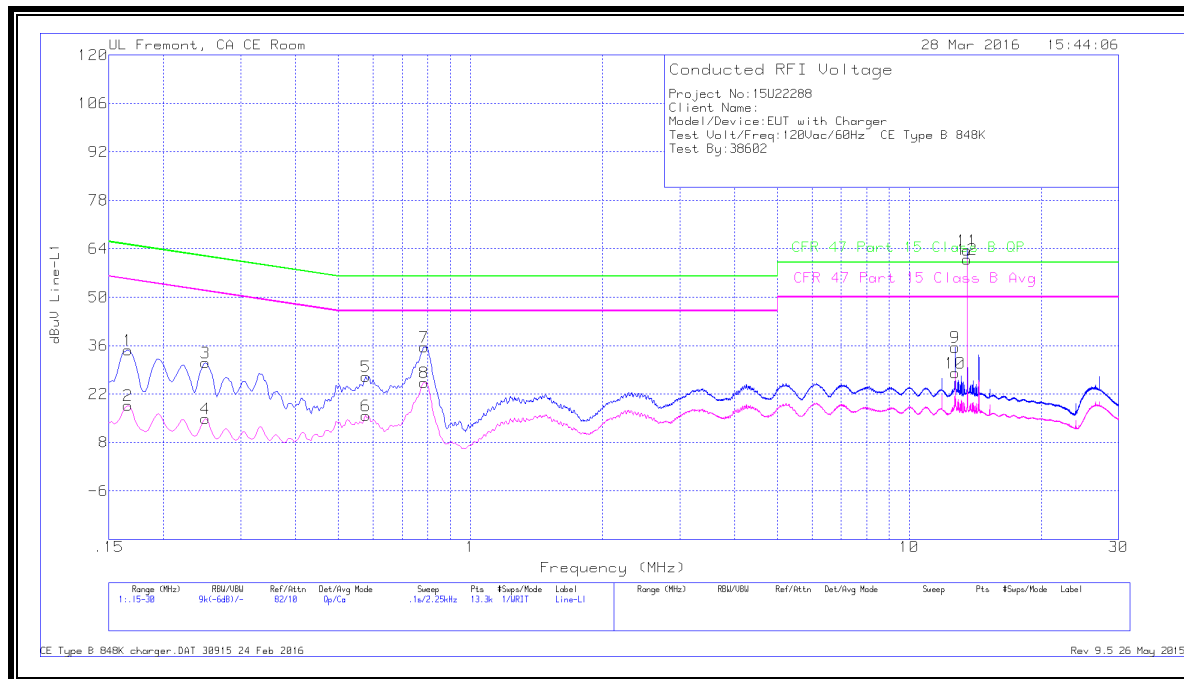
Range 2: Line-L2 .15 - 30MHz											
Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	T24 IL L2	LC Cables 2&3	Limiter (dB)	Corrected Reading dBuV	CFR 47 Part 15 Class B QP	QP Margin (dB)	CFR 47 Part 15 Class B Avg	Av(CISPR) Margin (dB)
13	.16575	23.53	Qp	1.3	0	10.1	34.93	65.17	-30.24	-	-
14	.16575	8.73	Ca	1.3	0	10.1	20.13	-	-	55.17	-35.04
15	.249	18.49	Qp	.7	0	10.1	29.29	61.79	-32.5	-	-
16	.249	7.52	Ca	.7	0	10.1	18.32	-	-	51.79	-33.47
17	.5865	15.88	Qp	.3	0	10.1	26.28	56	-29.72	-	-
18	.5775	8.16	Ca	.3	0	10.1	18.56	-	-	46	-27.44
19	.7845	25.28	Qp	.3	0	10.1	35.68	56	-20.32	-	-
20	.7845	17.43	Ca	.3	0	10.1	27.83	-	-	46	-18.17
21	12.71175	22.06	Qp	.2	.2	10.2	32.66	60	-27.34	-	-
22	12.71175	15.52	Ca	.2	.2	10.2	26.12	-	-	50	-23.88
23	13.56	49.01	Qp	.2	.2	10.2	59.61	60	-3.9	-	-
24	13.56	48.3	Ca	.2	.2	10.2	58.9	-	-	50	8.9

Qp - Quasi-Peak detector

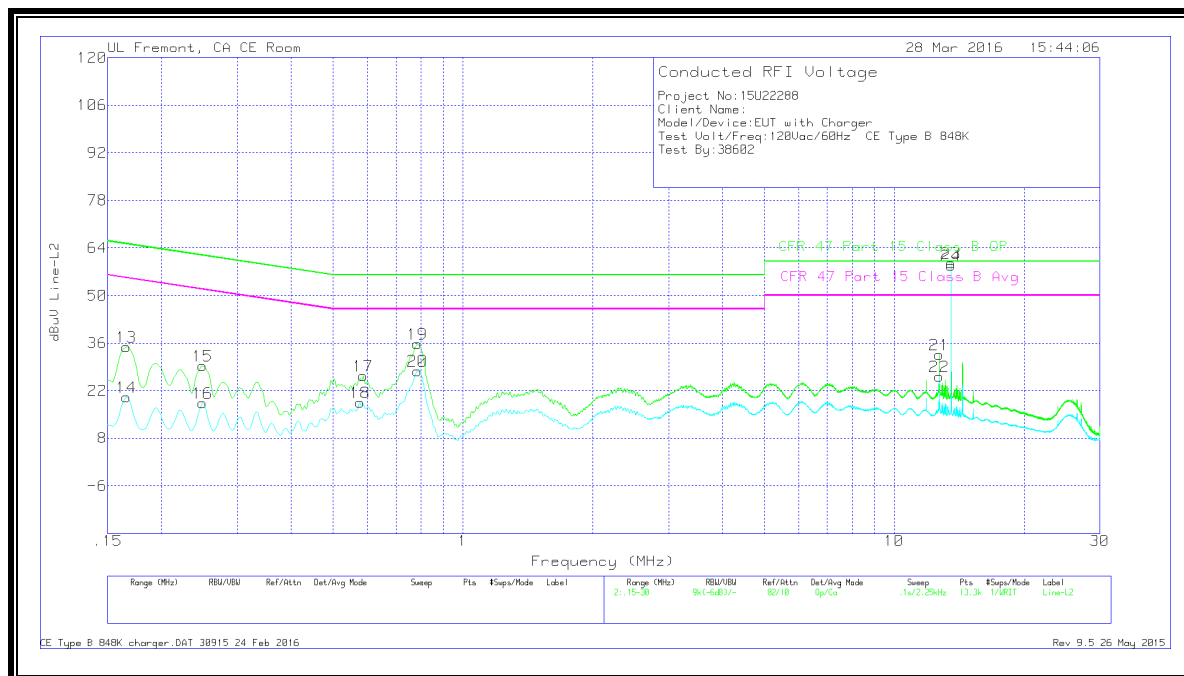
Ca - CISPR average detection

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



9.2.2. WITH ANTENNA PORT TERMINATED, 848 KBPS

WORST EMISSIONS

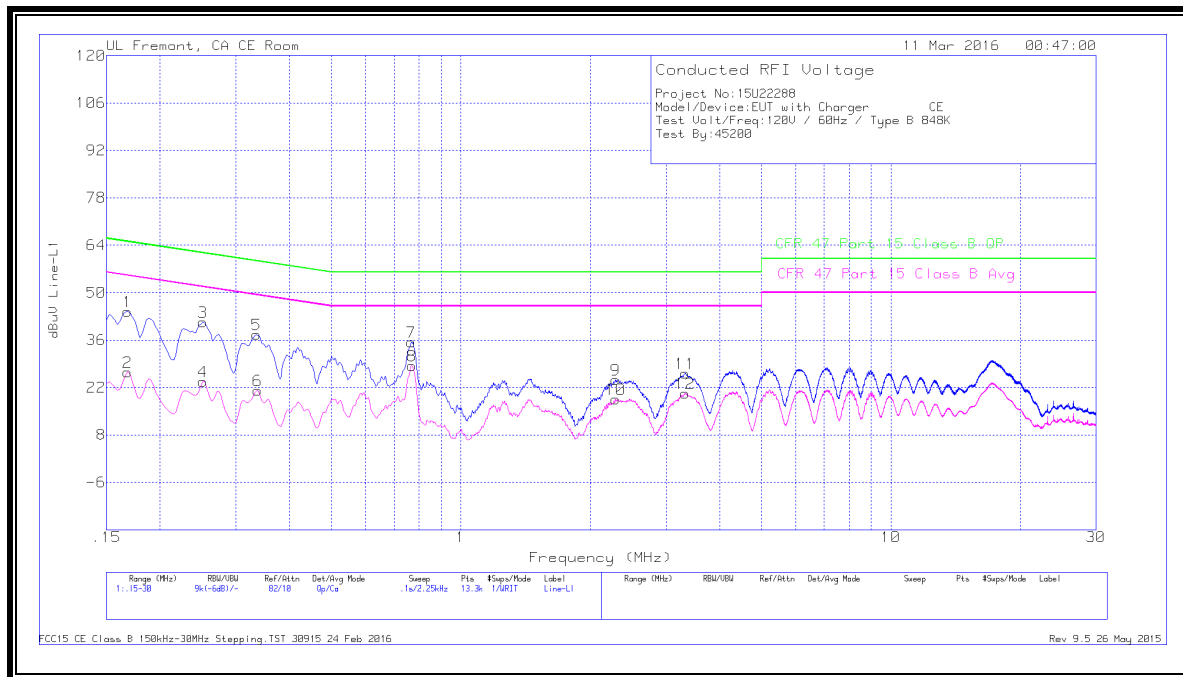
Range 1: Line-L1 .15 - 30MHz											
Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	T1310 IL L1	LC Cables 1&3	Limiter (dB)	Corrected Reading dBuV	CFR 47 Part 15 Class B QP	QP Margin (dB)	CFR 47 Part 15 Class B Avg	Av(CISPR) Margin (dB)
1	.168	34.33	Qp	0	0	10.1	44.43	65.06	-20.63	-	-
2	.168	16.38	Ca	0	0	10.1	26.48	-	-	55.06	-28.58
3	.25125	31.13	Qp	0	0	10.1	41.23	61.72	-20.49	-	-
4	.25125	13.62	Ca	0	0	10.1	23.72	-	-	51.72	-28
5	.3345	27.61	Qp	0	0	10.1	37.71	59.34	-21.63	-	-
6	.33675	11.08	Ca	0	0	10.1	21.18	-	-	49.28	-28.1
7	.7665	25.29	Qp	0	0	10.1	35.39	56	-20.61	-	-
8	.76875	18.41	Ca	0	0	10.1	28.51	-	-	46	-17.49
9	2.2875	14.14	Qp	0	.1	10.1	24.34	56	-31.66	-	-
10	2.2875	8.28	Ca	0	.1	10.1	18.48	-	-	46	-27.52
11	3.32025	15.98	Qp	0	.1	10.1	26.18	56	-29.82	-	-
12	3.32138	10.11	Ca	0	.1	10.1	20.31	-	-	46	-25.69

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	35.38	Qp	0	0	10.1	45.48	65.06	-19.58	-	-
14	.168	17.22	Ca	0	0	10.1	27.32	-	-	55.06	-27.74
15	.25125	31.71	Qp	0	0	10.1	41.81	61.72	-19.91	-	-
16	.2535	13.78	Ca	0	0	10.1	23.88	-	-	51.64	-27.76
17	.3345	27.39	Qp	0	0	10.1	37.49	59.34	-21.85	-	-
18	.33675	10.08	Ca	0	0	10.1	20.18	-	-	49.28	-29.1
19	.77325	25.51	Qp	0	0	10.1	35.61	56	-20.39	-	-
20	.76875	18.25	Ca	0	0	10.1	28.35	-	-	46	-17.65
21	2.30775	14.01	Qp	0	.1	10.1	24.21	56	-31.79	-	-
22	2.30775	8.89	Ca	0	.1	10.1	19.09	-	-	46	-26.91
23	3.32025	16.13	Qp	0	.1	10.1	26.33	56	-29.67	-	-
24	3.3225	10.98	Ca	0	.1	10.1	21.18	-	-	46	-24.82

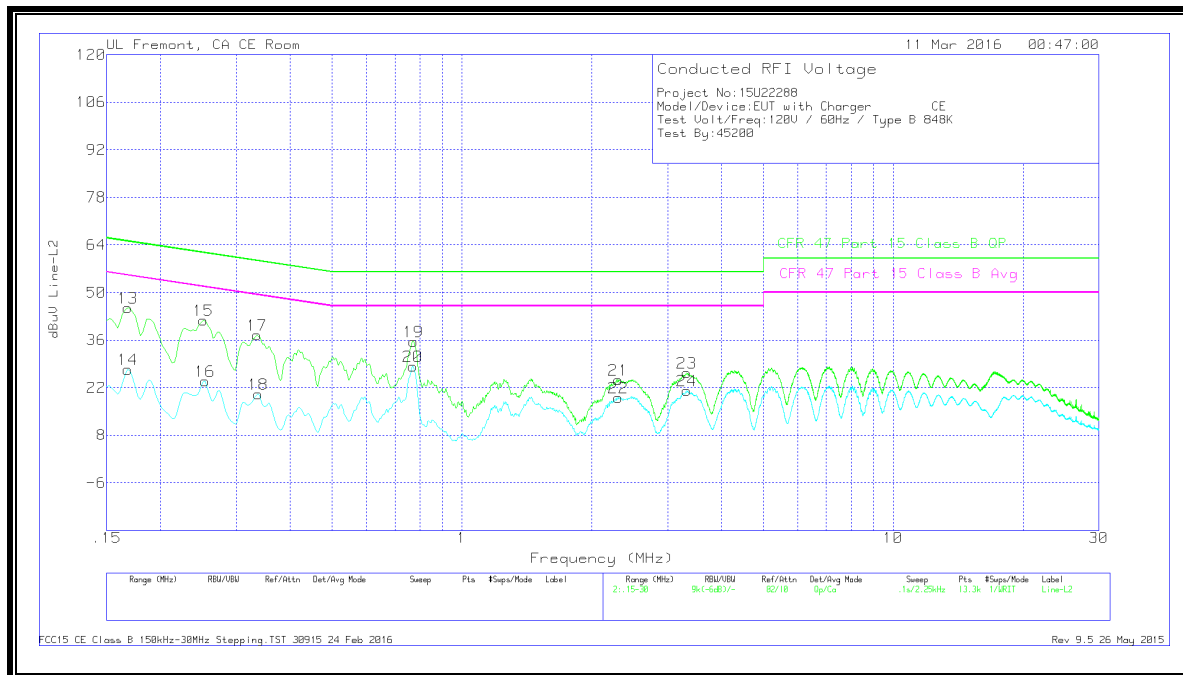
Qp - Quasi-Peak detector

Ca - CISPR average detection

LINE 1 RESULTS



LINE 2 RESULTS



9.2.3. NORMAL OPERATION, 424 KBPS

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	.16575	23.35	Qp	1.2	0	10.1	34.65	65.17	-30.52	-	-
2	.16575	7.36	Ca	1.2	0	10.1	18.66	-	-	55.17	-36.51
3	.249	20.22	Qp	.7	0	10.1	31.02	61.79	-30.77	-	-
4	.249	4.12	Ca	.7	0	10.1	14.92	-	-	51.79	-36.87
5	.5775	16.79	Qp	.3	0	10.1	27.19	56	-28.81	-	-
6	.5775	5.31	Ca	.3	0	10.1	15.71	-	-	46	-30.29
7	.79575	25.28	Qp	.3	0	10.1	35.68	56	-20.32	-	-
8	.79575	14.87	Ca	.3	0	10.1	25.27	-	-	46	-20.73
9	12.71175	22.01	Qp	.2	.2	10.2	32.61	60	-27.39	-	-
10	12.71625	15.25	Ca	.2	.2	10.2	25.85	-	-	50	-24.15
11	13.56	53.07	Qp	.2	.2	10.2	63.67	60	3.67	-	-
12	13.56	50.44	Ca	.2	.2	10.2	61.04	-	-	50	11.04

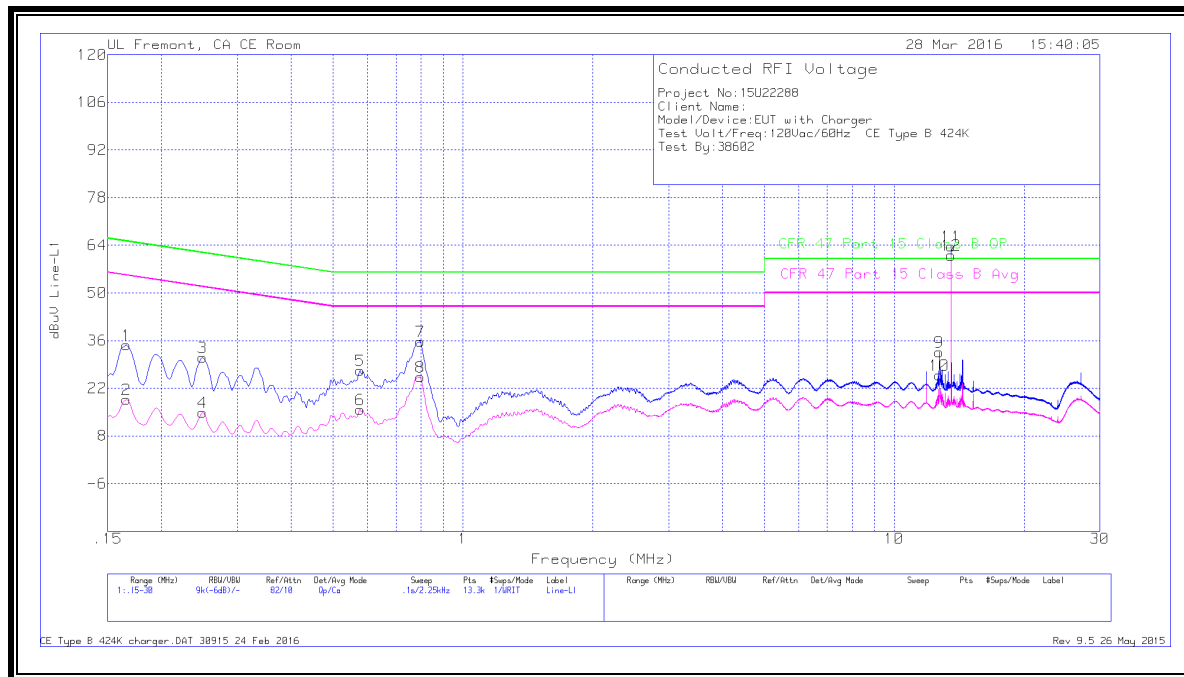
Range 2: Line-L2 .15 - 30MHz											
Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	T24 IL L2	LC Cables 2&3	Limiter (dB)	Corrected Reading dBuV	CFR 47 Part 15 Class B QP	QP Margin (dB)	CFR 47 Part 15 Class B Avg	Av(CISPR) Margin (dB)
13	.249	18.57	Qp	.7	0	10.1	29.37	61.79	-32.42	-	-
14	.249	7.58	Ca	.7	0	10.1	18.38	-	-	51.79	-33.41
15	.5775	15.87	Qp	.3	0	10.1	26.27	56	-29.73	-	-
16	.57525	8.23	Ca	.3	0	10.1	18.63	-	-	46	-27.37
17	.789	25.42	Qp	.3	0	10.1	35.82	56	-20.18	-	-
18	.78562	17.43	Ca	.3	0	10.1	27.83	-	-	46	-18.17
19	12.71175	19.49	Qp	.2	.2	10.2	30.09	60	-29.91	-	-
20	12.71625	13.23	Ca	.2	.2	10.2	23.83	-	-	50	-26.17
21	.16575	23.41	Qp	1.3	0	10.1	34.81	65.17	-30.36	-	-
22	.16575	8.68	Ca	1.3	0	10.1	20.08	-	-	55.17	-35.09
23	13.56	49.1	Qp	.2	.2	10.2	59.7	60	-.3	-	-
24	13.56	48.39	Ca	.2	.2	10.2	58.99	-	-	50	8.99

Qp - Quasi-Peak detector

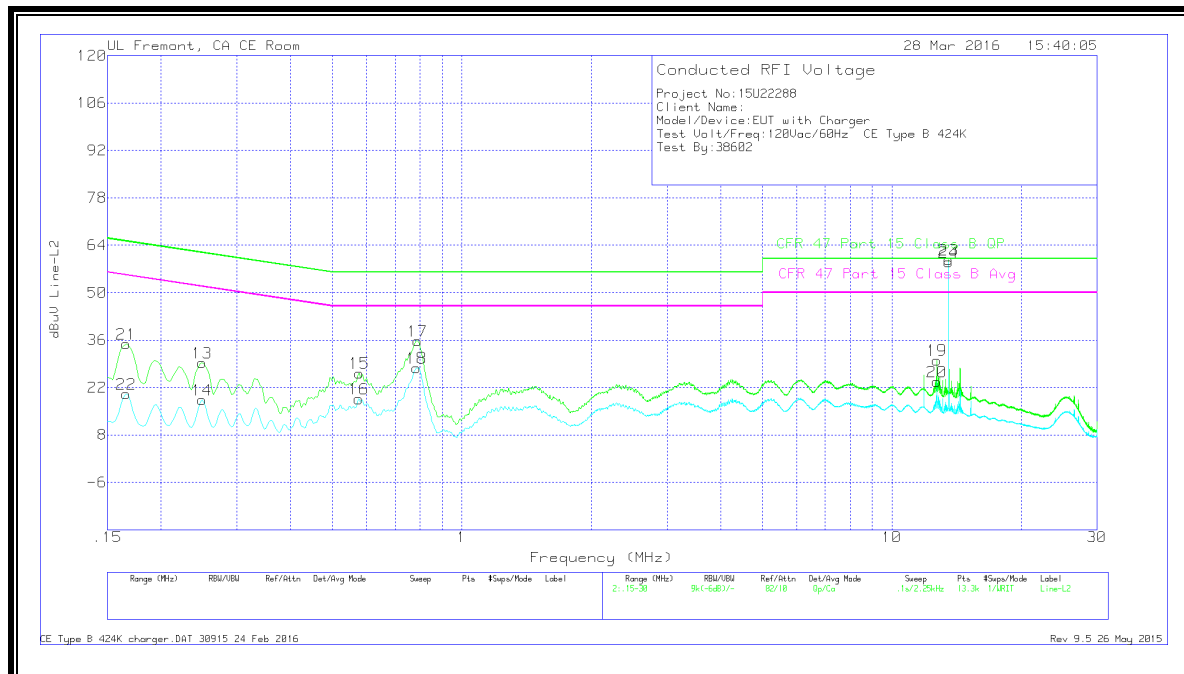
Ca - CISPR average detection

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



9.2.4. WITH ANTENNA PORT TERMINATED, 424 KBPS

WORST EMISSIONS

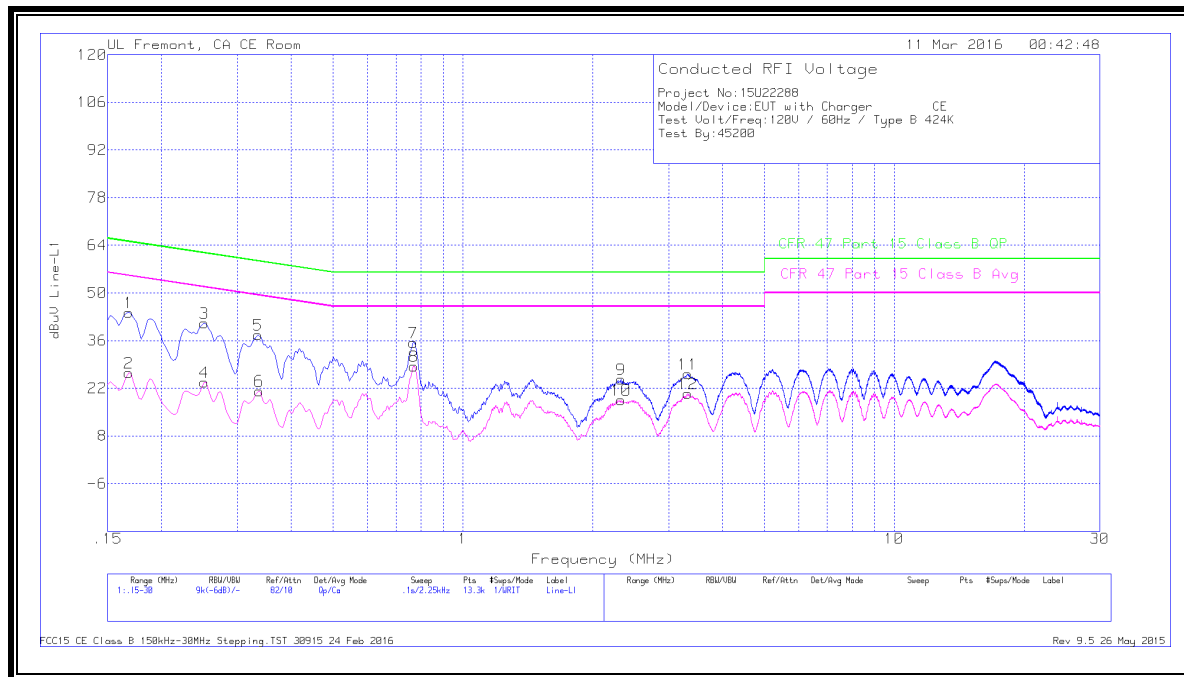
Range 1: Line-L1 .15 - 30MHz											
Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	T1310 IL L1	LC Cables 1&3	Limiter (dB)	Corrected Reading dBuV	CFR 47 Part 15 Class B QP	QP Margin (dB)	CFR 47 Part 15 Class B Avg	Av(CISPR) Margin (dB)
1	.168	34.23	Qp	0	0	10.1	44.33	65.06	-20.73	-	-
2	.168	16.51	Ca	0	0	10.1	26.61	-	-	55.06	-28.45
3	.25125	31.04	Qp	0	0	10.1	41.14	61.72	-20.58	-	-
4	.25125	13.69	Ca	0	0	10.1	23.79	-	-	51.72	-27.93
5	.3345	27.51	Qp	0	0	10.1	37.61	59.34	-21.73	-	-
6	.33675	11.13	Ca	0	0	10.1	21.23	-	-	49.28	-28.05
7	.7665	25.3	Qp	0	0	10.1	35.4	56	-20.6	-	-
8	.76875	18.42	Ca	0	0	10.1	28.52	-	-	46	-17.48
9	2.32575	14.41	Qp	0	.1	10.1	24.61	56	-31.39	-	-
10	2.32575	8.29	Ca	0	.1	10.1	18.49	-	-	46	-27.51
11	3.32475	16.03	Qp	0	.1	10.1	26.23	56	-29.77	-	-
12	3.3225	10.18	Ca	0	.1	10.1	20.38	-	-	46	-25.62

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	35.27	Qp	0	0	10.1	45.37	65.06	-19.69	-	-
14	.168	17.05	Ca	0	0	10.1	27.15	-	-	55.06	-27.91
15	.25125	31.59	Qp	0	0	10.1	41.69	61.72	-20.03	-	-
16	.2535	13.58	Ca	0	0	10.1	23.68	-	-	51.64	-27.96
17	.3345	27.26	Qp	0	0	10.1	37.36	59.34	-21.98	-	-
18	.33675	9.92	Ca	0	0	10.1	20.02	-	-	49.28	-29.26
19	.7665	25.46	Qp	0	0	10.1	35.56	56	-20.44	-	-
20	.76875	18.25	Ca	0	0	10.1	28.35	-	-	46	-17.65
21	2.346	13.77	Qp	0	.1	10.1	23.97	56	-32.03	-	-
22	2.346	8.68	Ca	0	.1	10.1	18.88	-	-	46	-27.12
23	3.3405	15.89	Qp	0	.1	10.1	26.09	56	-29.91	-	-
24	3.33825	10.7	Ca	0	.1	10.1	20.9	-	-	46	-25.1

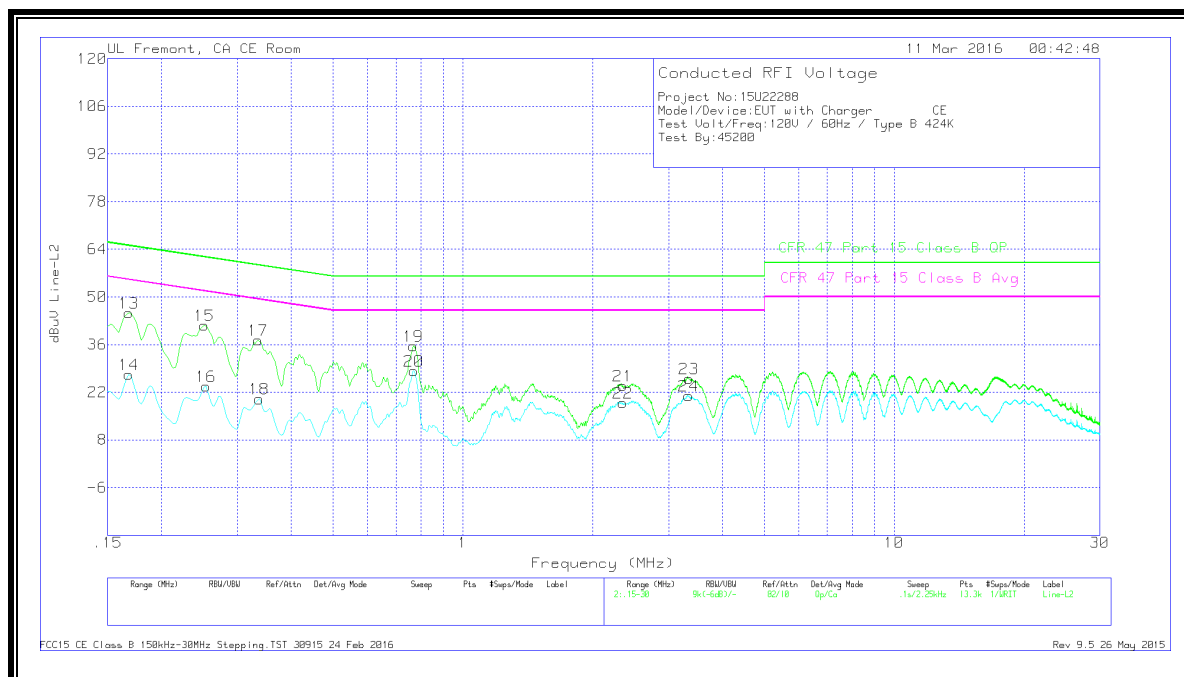
Qp - Quasi-Peak detector

Ca - CISPR average detection

LINE 1 RESULTS



LINE 2 RESULTS



9.2.5. NORMAL OPERATION, 212 KBPS

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	.16575	23.02	Qp	1.2	0	10.1	34.32	65.17	-30.85	-	-
2	.16575	7.06	Ca	1.2	0	10.1	18.36	-	-	55.17	-36.81
3	.249	20.11	Qp	.7	0	10.1	30.91	61.79	-30.88	-	-
4	.249	3.95	Ca	.7	0	10.1	14.75	-	-	51.79	-37.04
5	.5865	17	Qp	.3	0	10.1	27.4	56	-28.6	-	-
6	.5775	5.28	Ca	.3	0	10.1	15.68	-	-	46	-30.32
7	.78675	25.37	Qp	.3	0	10.1	35.77	56	-20.23	-	-
8	.7845	14.95	Ca	.3	0	10.1	25.35	-	-	46	-20.65
9	12.71175	22.27	Qp	.2	.2	10.2	32.87	60	-27.13	-	-
10	12.714	15.31	Ca	.2	.2	10.2	25.91	-	-	50	-24.09
11	13.56	52.8	Qp	.2	.2	10.2	63.4	60	3.4	-	-
12	13.56	50.15	Ca	.2	.2	10.2	60.75	-	-	50	10.75

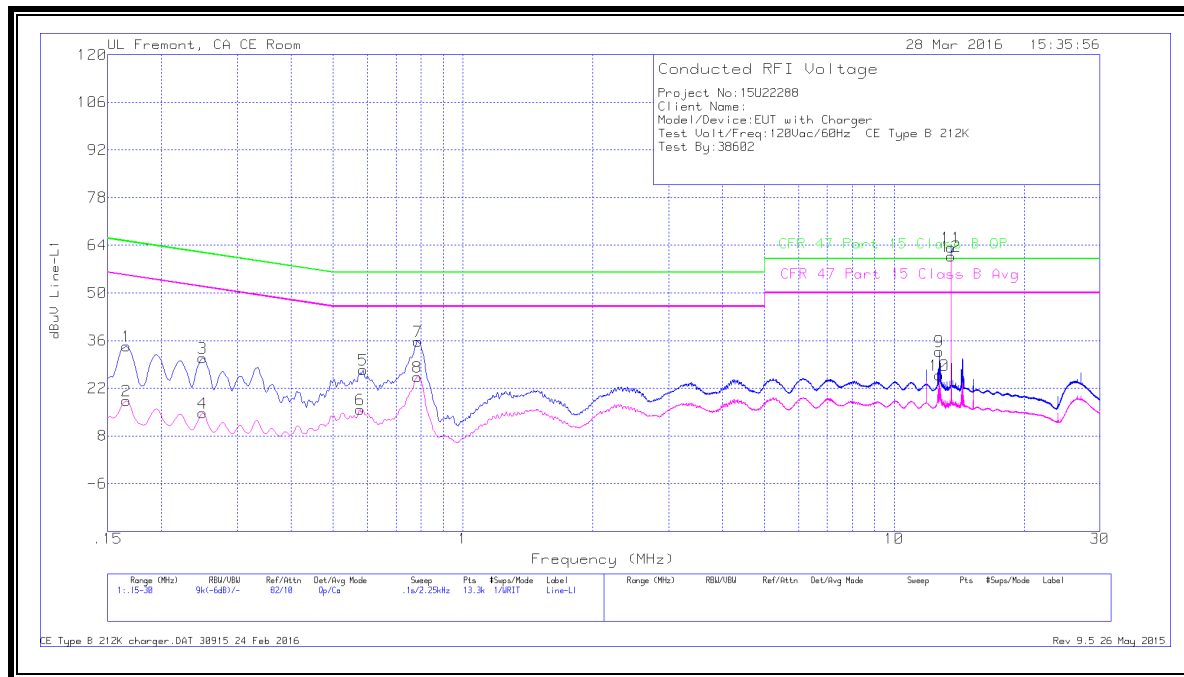
Range 2: Line-L2 .15 - 30MHz											
Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	T24 IL L2	LC Cables 2&3	Limiter (dB)	Corrected Reading dBuV	CFR 47 Part 15 Class B QP	QP Margin (dB)	CFR 47 Part 15 Class B Avg	Av(CISPR) Margin (dB)
13	.16575	23.1	Qp	1.3	0	10.1	34.5	65.17	-30.67	-	-
14	.16575	8.46	Ca	1.3	0	10.1	19.86	-	-	55.17	-35.31
15	.249	18.3	Qp	.7	0	10.1	29.1	61.79	-32.69	-	-
16	.249	7.4	Ca	.7	0	10.1	18.2	-	-	51.79	-33.59
17	.57525	15.38	Qp	.3	0	10.1	25.78	56	-30.22	-	-
18	.57525	8.11	Ca	.3	0	10.1	18.51	-	-	46	-27.49
19	.7845	25.21	Qp	.3	0	10.1	35.61	56	-20.39	-	-
20	.7845	17.29	Ca	.3	0	10.1	27.69	-	-	46	-18.31
21	12.71175	19.95	Qp	.2	.2	10.2	30.55	60	-29.45	-	-
22	12.714	13.24	Ca	.2	.2	10.2	23.84	-	-	50	-26.16
23	13.56	48.74	Qp	.2	.2	10.2	59.34	60	-.66	-	-
24	13.56	48.05	Ca	.2	.2	10.2	58.65	-	-	50	8.65

Qp - Quasi-Peak detector

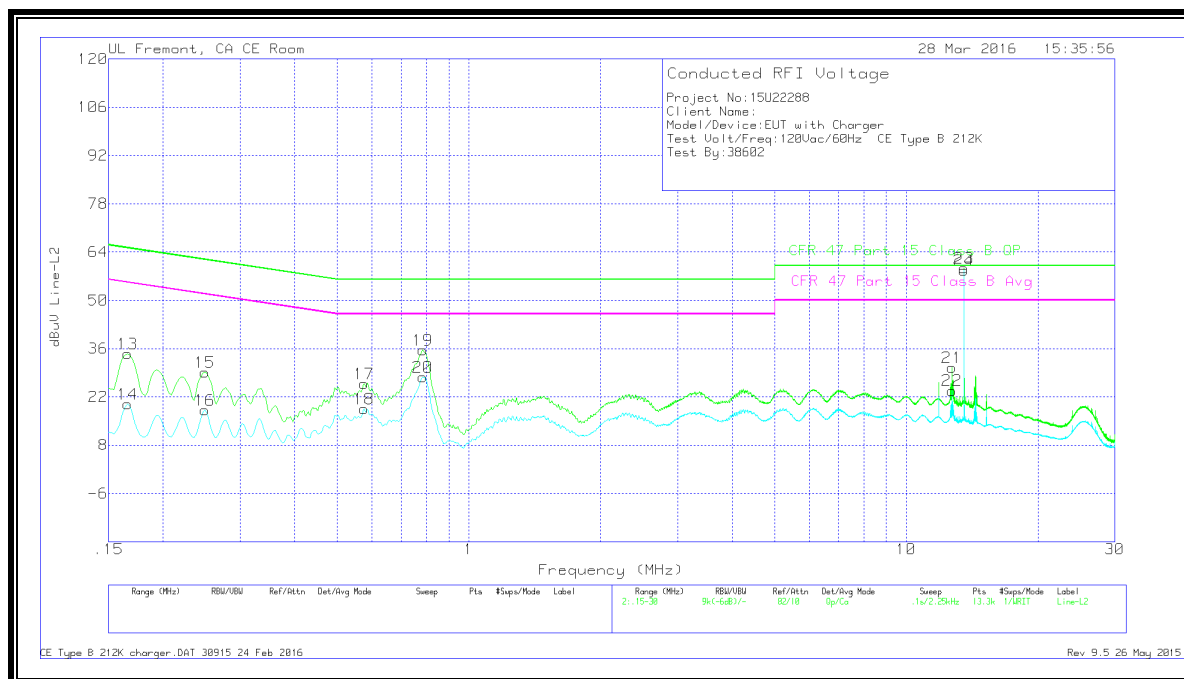
Ca - CISPR average detection

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



9.2.6. WITH ANTENNA PORT TERMINATED, 212 KBPS

WORST EMISSIONS

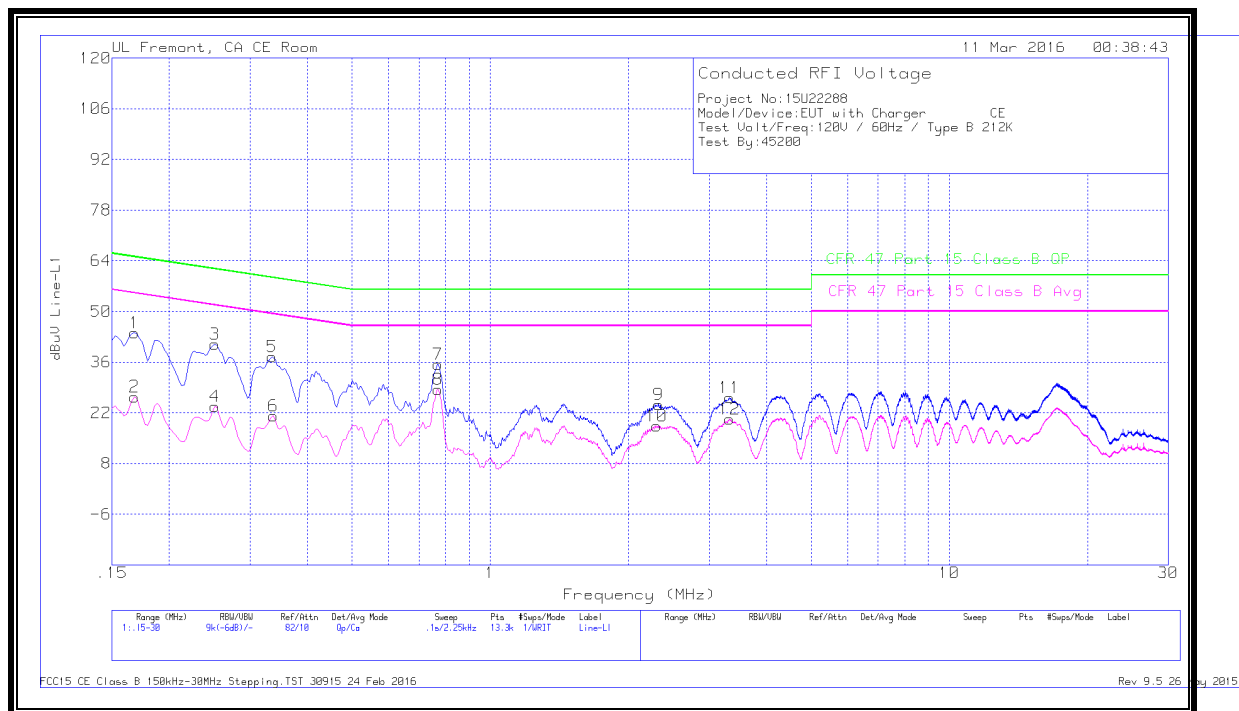
Range 1: Line-L1 .15 - 30MHz											
Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	T1310 IL L1	LC Cables 1&3	Limiter (dB)	Corrected Reading dBuV	CFR 47 Part 15 Class B QP	QP Margin (dB)	CFR 47 Part 15 Class B Avg	Av(CISPR) Margin (dB)
1	.168	34.03	Qp	0	0	10.1	44.13	65.06	-20.93	-	-
2	.168	16.34	Ca	0	0	10.1	26.44	-	-	55.06	-28.62
3	.25125	30.87	Qp	0	0	10.1	40.97	61.72	-20.75	-	-
4	.25125	13.59	Ca	0	0	10.1	23.69	-	-	51.72	-28.03
5	.3345	27.36	Qp	0	0	10.1	37.46	59.34	-21.88	-	-
6	.33675	10.97	Ca	0	0	10.1	21.07	-	-	49.28	-28.21
7	.76875	25.31	Qp	0	0	10.1	35.41	56	-20.59	-	-
8	.76875	18.36	Ca	0	0	10.1	28.46	-	-	46	-17.54
9	2.3235	14.11	Qp	0	.1	10.1	24.31	56	-31.69	-	-
10	2.3055	8.21	Ca	0	.1	10.1	18.41	-	-	46	-27.59
11	3.3225	15.97	Qp	0	.1	10.1	26.17	56	-29.83	-	-
12	3.32025	10.11	Ca	0	.1	10.1	20.31	-	-	46	-25.69

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	35.06	Qp	0	0	10.1	45.16	65.06	-19.9	-	-
14	.168	16.95	Ca	0	0	10.1	27.05	-	-	55.06	-28.01
15	.25125	31.38	Qp	0	0	10.1	41.48	61.72	-20.24	-	-
16	.25125	13.49	Ca	0	0	10.1	23.59	-	-	51.72	-28.13
17	.3345	27.04	Qp	0	0	10.1	37.14	59.34	-22.2	-	-
18	.33675	9.88	Ca	0	0	10.1	19.98	-	-	49.28	-29.3
19	.7665	25.24	Qp	0	0	10.1	35.34	56	-20.66	-	-
20	.7665	18.18	Ca	0	0	10.1	28.28	-	-	46	-17.72
21	2.32575	14.42	Qp	0	.1	10.1	24.62	56	-31.38	-	-
22	2.32575	8.83	Ca	0	.1	10.1	19.03	-	-	46	-26.97
23	3.3135	15.84	Qp	0	.1	10.1	26.04	56	-29.96	-	-
24	3.3135	10.59	Ca	0	.1	10.1	20.79	-	-	46	-25.21

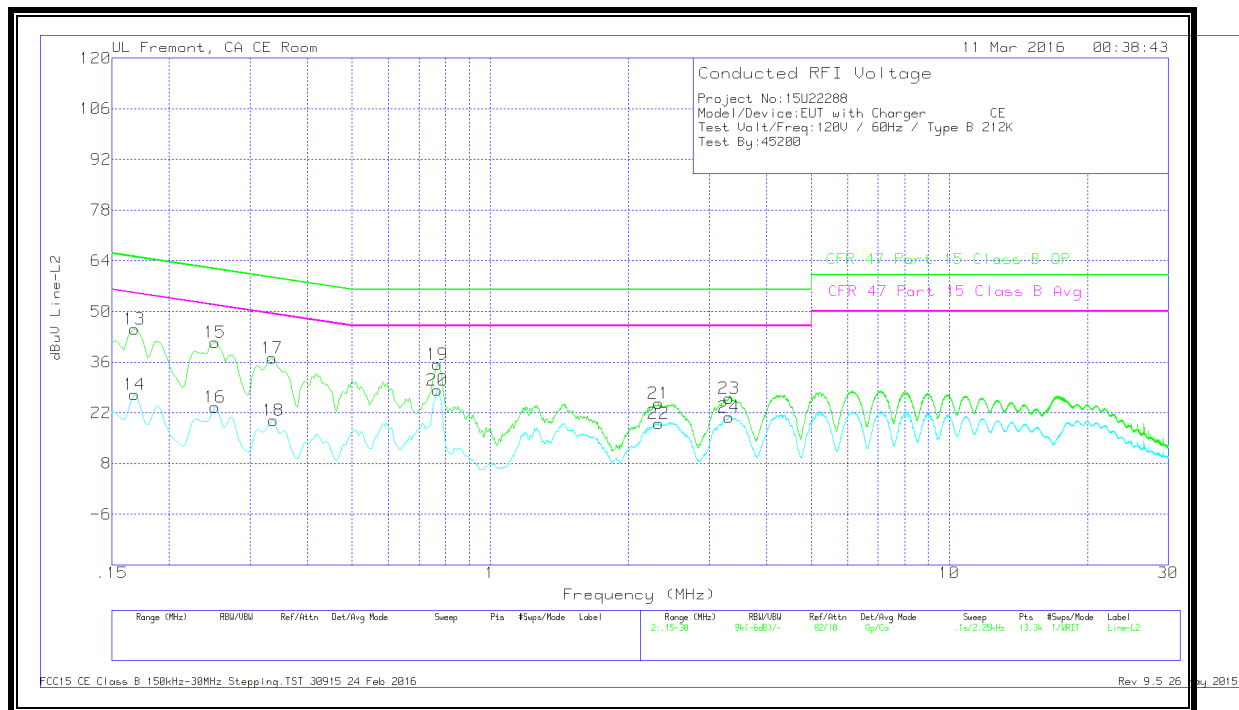
Qp - Quasi-Peak detector

Ca - CISPR average detection

LINE 1 RESULTS



LINE 2 RESULTS



9.2.7. NORMAL OPERATION, 106 KBPS

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	.16575	22.62	Qp	1.2	0	10.1	33.92	65.17	-31.25	-	-
2	.16575	6.77	Ca	1.2	0	10.1	18.07	-	-	55.17	-37.1
3	.249	20.06	Qp	.7	0	10.1	30.86	61.79	-30.93	-	-
4	.249	3.87	Ca	.7	0	10.1	14.67	-	-	51.79	-37.12
5	.57525	16.49	Qp	.3	0	10.1	26.89	56	-29.11	-	-
6	.57525	5.38	Ca	.3	0	10.1	15.78	-	-	46	-30.22
7	.79125	24.8	Qp	.3	0	10.1	35.2	56	-20.8	-	-
8	.79125	14.68	Ca	.3	0	10.1	25.08	-	-	46	-20.92
9	12.71175	25.62	Qp	.2	.2	10.2	36.22	60	-23.78	-	-
10	12.714	17.87	Ca	.2	.2	10.2	28.47	-	-	50	-21.53
11	13.56	54.02	Qp	.2	.2	10.2	64.62	60	4.62	-	-
12	13.56	51.4	Ca	.2	.2	10.2	62	-	-	50	12

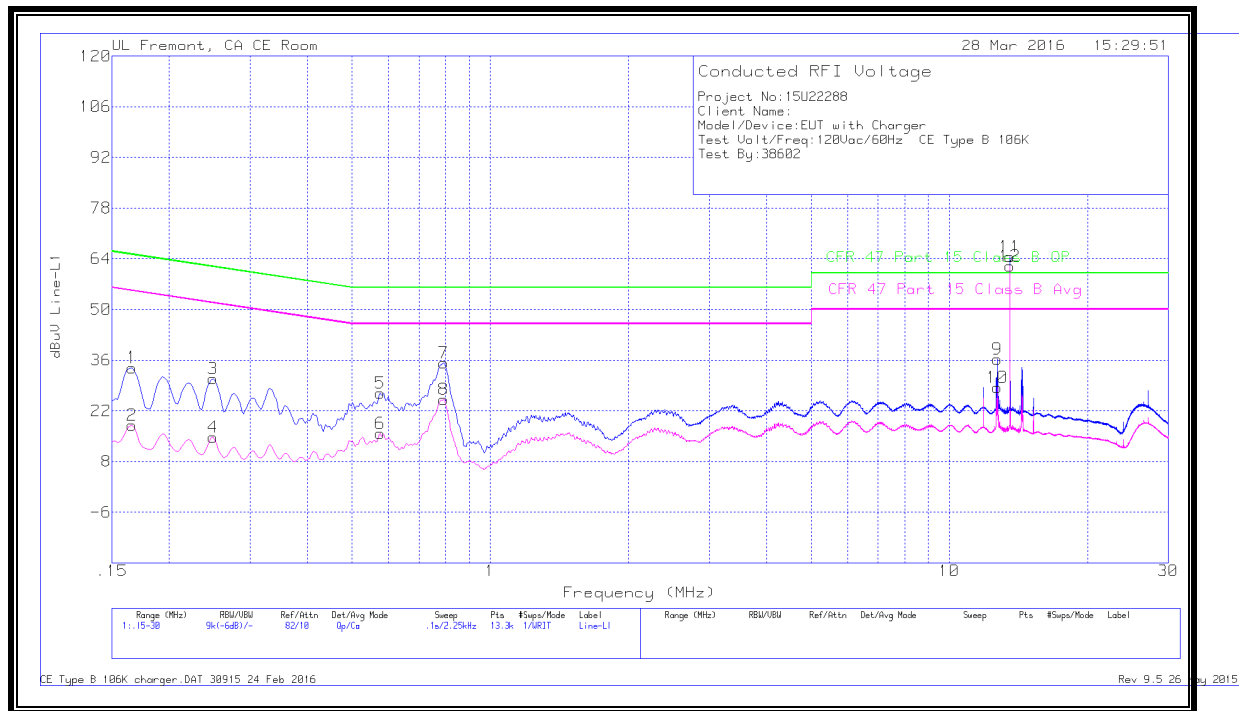
Range 2: Line-L2 .15 - 30MHz											
Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	T24 IL L2	LC Cables 2&3	Limiter (dB)	Corrected Reading dBuV	CFR 47 Part 15 Class B QP	QP Margin (dB)	CFR 47 Part 15 Class B Avg	Av(CISPR) Margin (dB)
13	.16575	22.53	Qp	1.3	0	10.1	33.93	65.17	-31.24	-	-
14	.16575	8.21	Ca	1.3	0	10.1	19.61	-	-	55.17	-35.56
15	.249	18.12	Qp	.7	0	10.1	28.92	61.79	-32.87	-	-
16	.249	7.43	Ca	.7	0	10.1	18.23	-	-	51.79	-33.56
17	.57525	15.49	Qp	.3	0	10.1	25.89	56	-30.11	-	-
18	.57525	8.34	Ca	.3	0	10.1	18.74	-	-	46	-27.26
19	.789	24.61	Qp	.3	0	10.1	35.01	56	-20.99	-	-
20	.7935	17.26	Ca	.3	0	10.1	27.66	-	-	46	-18.34
21	12.71175	22.83	Qp	.2	.2	10.2	33.43	60	-26.57	-	-
22	12.714	15.82	Ca	.2	.2	10.2	26.42	-	-	50	-23.58
23	13.56	49.96	Qp	.2	.2	10.2	60.56	60	.56	-	-
24	13.56	49.36	Ca	.2	.2	10.2	59.96	-	-	50	9.96

Qp - Quasi-Peak detector

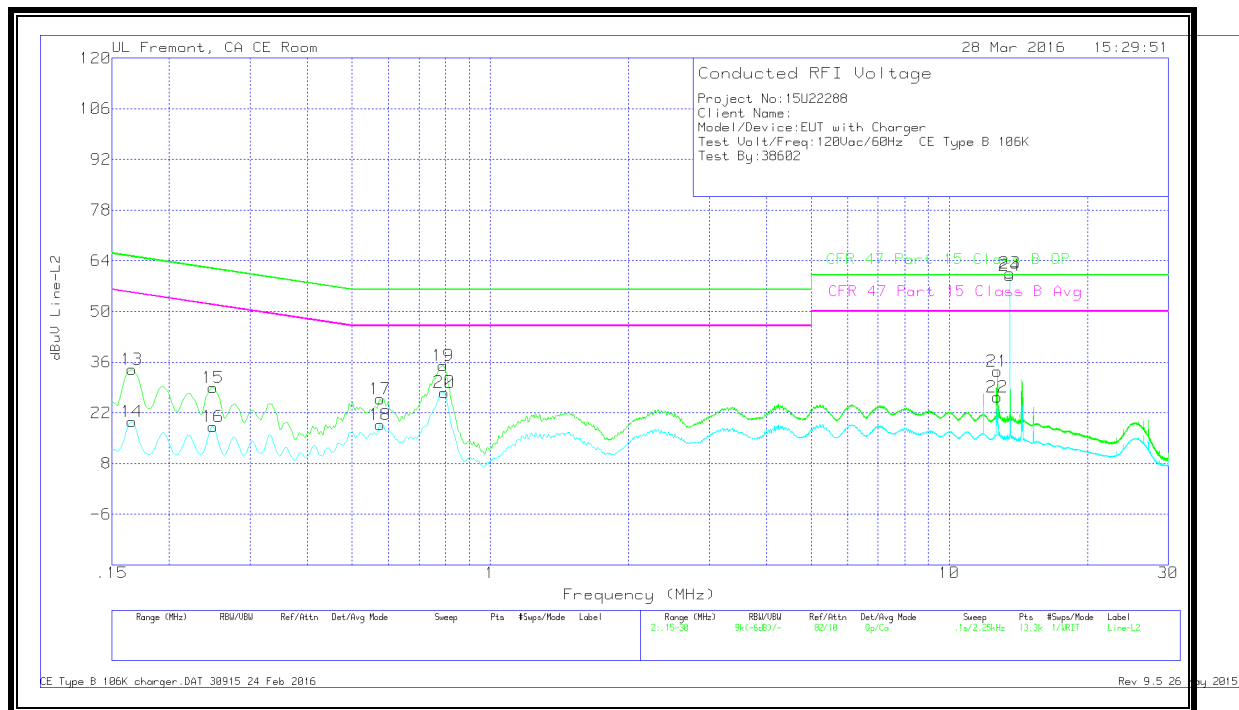
Ca - CISPR average detection

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



9.2.8. WITH ANTENNA PORT TERMINATED, 106 KBPS

WORST EMISSIONS

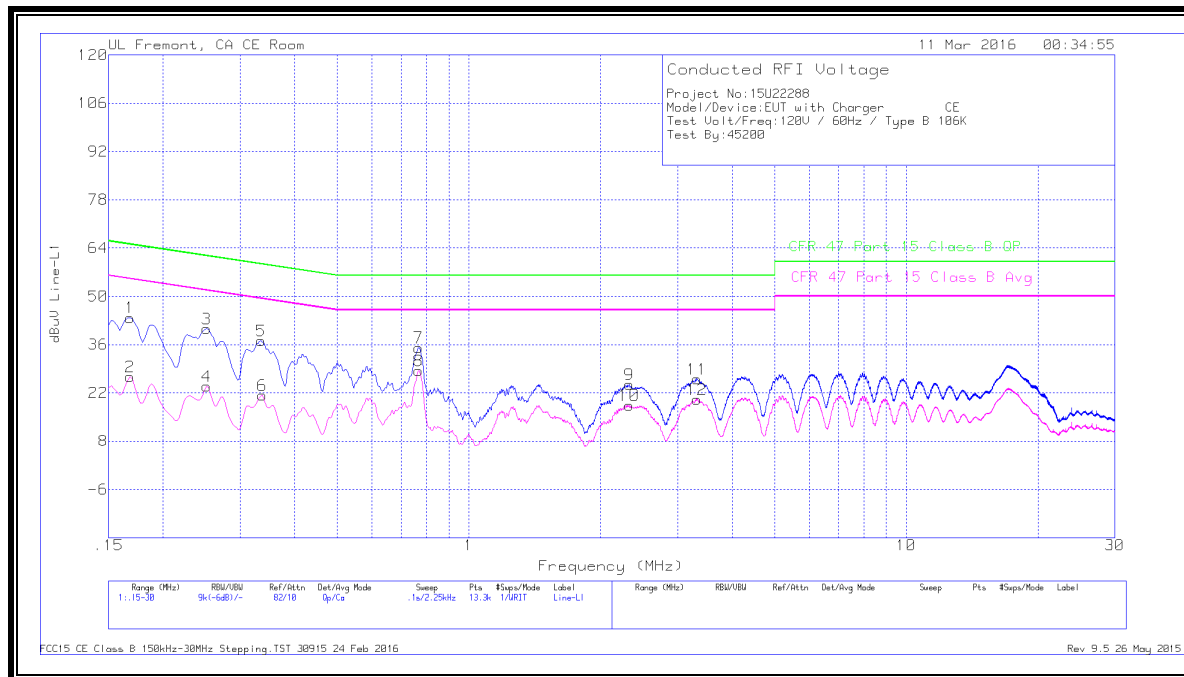
Range 1: Line-L1 .15 - 30MHz											
Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	T1310 IL L1	LC Cables 1&3	Limiter (dB)	Corrected Reading dBuV	CFR 47 Part 15 Class B QP	QP Margin (dB)	CFR 47 Part 15 Class B Avg	Av(CISPR) Margin (dB)
1	.168	33.73	Qp	0	0	10.1	43.83	65.06	-21.23	-	-
2	.168	16.55	Ca	0	0	10.1	26.65	-	-	55.06	-28.41
3	.25125	30.56	Qp	0	0	10.1	40.66	61.72	-21.06	-	-
4	.25125	13.81	Ca	0	0	10.1	23.91	-	-	51.72	-27.81
5	.3345	27.03	Qp	0	0	10.1	37.13	59.34	-22.21	-	-
6	.33675	11.14	Ca	0	0	10.1	21.24	-	-	49.28	-28.04
7	.7665	25.03	Qp	0	0	10.1	35.13	56	-20.87	-	-
8	.7665	18.42	Ca	0	0	10.1	28.52	-	-	46	-17.48
9	2.3235	14.21	Qp	0	.1	10.1	24.41	56	-31.59	-	-
10	2.3235	8.25	Ca	0	.1	10.1	18.45	-	-	46	-27.55
11	3.32138	15.83	Qp	0	.1	10.1	26.03	56	-29.97	-	-
12	3.3225	9.92	Ca	0	.1	10.1	20.12	-	-	46	-25.88

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	34.86	Qp	0	0	10.1	44.96	65.06	-20.1	-	-
14	.168	17.35	Ca	0	0	10.1	27.45	-	-	55.06	-27.61
15	.25125	31.21	Qp	0	0	10.1	41.31	61.72	-20.41	-	-
16	.25125	13.89	Ca	0	0	10.1	23.99	-	-	51.72	-27.73
17	.3345	26.89	Qp	0	0	10.1	36.99	59.34	-22.35	-	-
18	.33675	10.14	Ca	0	0	10.1	20.24	-	-	49.28	-29.04
19	.771	25.31	Qp	0	0	10.1	35.41	56	-20.59	-	-
20	.7665	18.15	Ca	0	0	10.1	28.25	-	-	46	-17.75
21	2.3235	14.32	Qp	0	.1	10.1	24.52	56	-31.48	-	-
22	2.3235	8.95	Ca	0	.1	10.1	19.15	-	-	46	-26.85
23	3.33375	15.96	Qp	0	.1	10.1	26.16	56	-29.84	-	-
24	3.33375	10.77	Ca	0	.1	10.1	20.97	-	-	46	-25.03

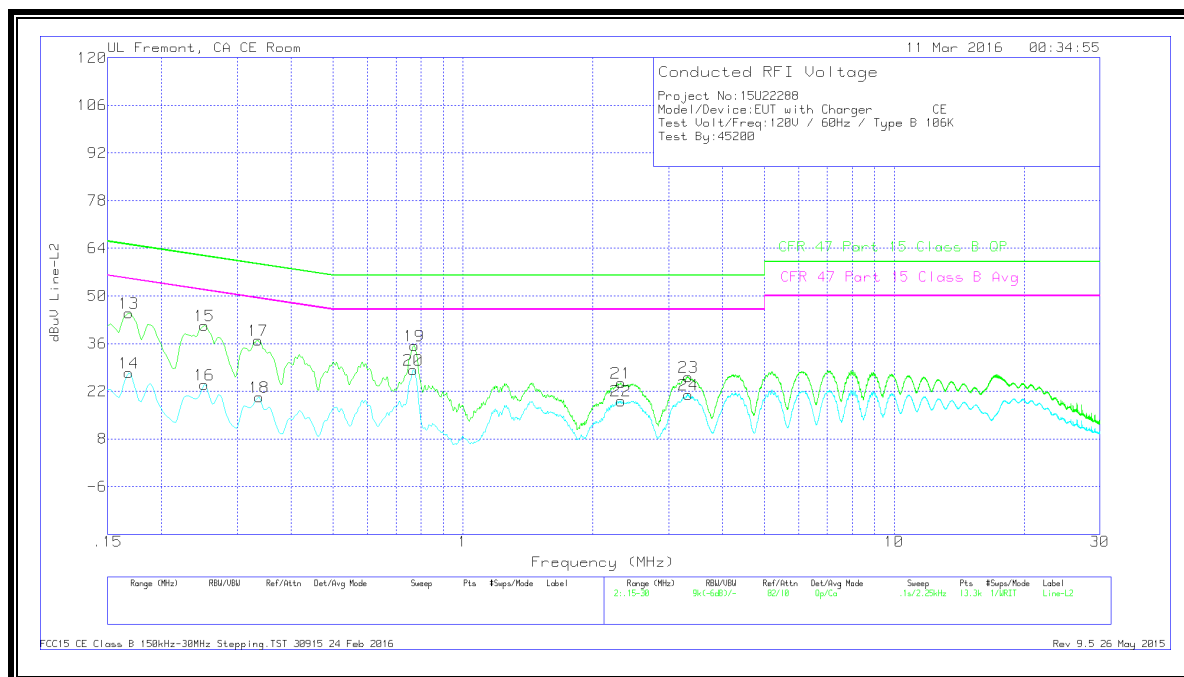
Qp - Quasi-Peak detector

Ca - CISPR average detection

LINE 1 RESULTS



LINE 2 RESULTS



9.3. CE MODE TYPE F

9.3.1. NORMAL OPERATION, 424 KBPS

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	.16575	23.74	Qp	1.2	0	10.1	35.04	65.17	-30.13	-	-
2	.16575	7.76	Ca	1.2	0	10.1	19.06	-	-	55.17	-36.11
3	.249	20.34	Qp	.7	0	10.1	31.14	61.79	-30.65	-	-
4	.249	4.22	Ca	.7	0	10.1	15.02	-	-	51.79	-36.77
5	.5865	16.92	Qp	.3	0	10.1	27.32	56	-28.68	-	-
6	.5775	5.43	Ca	.3	0	10.1	15.83	-	-	46	-30.17
7	.78562	25.62	Qp	.3	0	10.1	36.02	56	-19.98	-	-
8	.7845	15.02	Ca	.3	0	10.1	25.42	-	-	46	-20.58
9	13.13475	27.11	Qp	.2	.2	10.2	37.71	60	-22.29	-	-
10	13.13475	20.09	Ca	.2	.2	10.2	30.69	-	-	50	-19.31
11	13.56	53.43	Qp	.2	.2	10.2	64.03	60	4.03	-	-
12	13.56	50.82	Ca	.2	.2	10.2	61.42	-	-	50	11.42

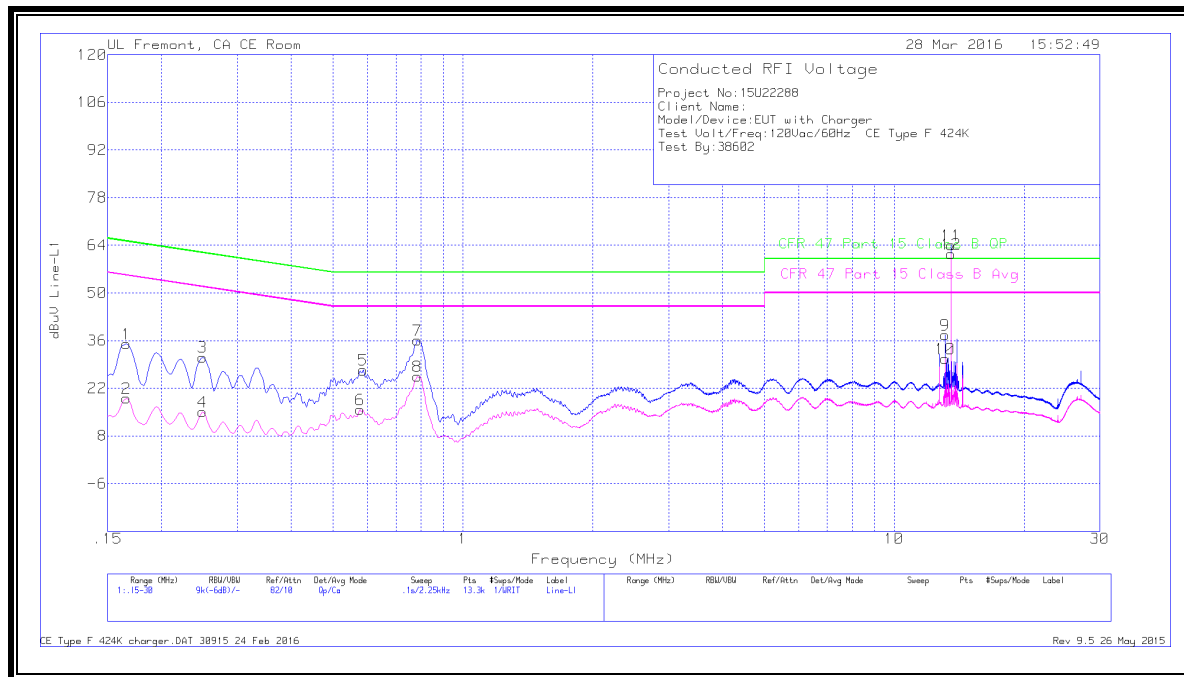
Range 2: Line-L2 .15 - 30MHz											
Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	T24 IL L2	LC Cables 2&3	Limiter (dB)	Corrected Reading dBuV	CFR 47 Part 15 Class B QP	QP Margin (dB)	CFR 47 Part 15 Class B Avg	Av(CISPR) Margin (dB)
13	.16575	26.03	Qp	1.3	0	10.1	37.43	65.17	-27.74	-	-
14	.16575	7.91	Ca	1.3	0	10.1	19.31	-	-	55.17	-35.86
15	.249	22.11	Qp	.7	0	10.1	32.91	61.79	-28.88	-	-
16	.249	4.4	Ca	.7	0	10.1	15.2	-	-	51.79	-36.59
17	.5775	17.28	Qp	.3	0	10.1	27.68	56	-28.32	-	-
18	.5775	5.23	Ca	.3	0	10.1	15.63	-	-	46	-30.37
19	.798	25.91	Qp	.3	0	10.1	36.31	56	-19.69	-	-
20	.7845	15.2	Ca	.3	0	10.1	25.6	-	-	46	-20.4
21	13.13475	27.07	Qp	.2	.2	10.2	37.67	60	-22.33	-	-
22	13.13475	20.04	Ca	.2	.2	10.2	30.64	-	-	50	-19.36
23	13.56	53.4	Qp	.2	.2	10.2	64	60	4	-	-
24	13.56	50.78	Ca	.2	.2	10.2	61.38	-	-	50	11.38

Qp - Quasi-Peak detector

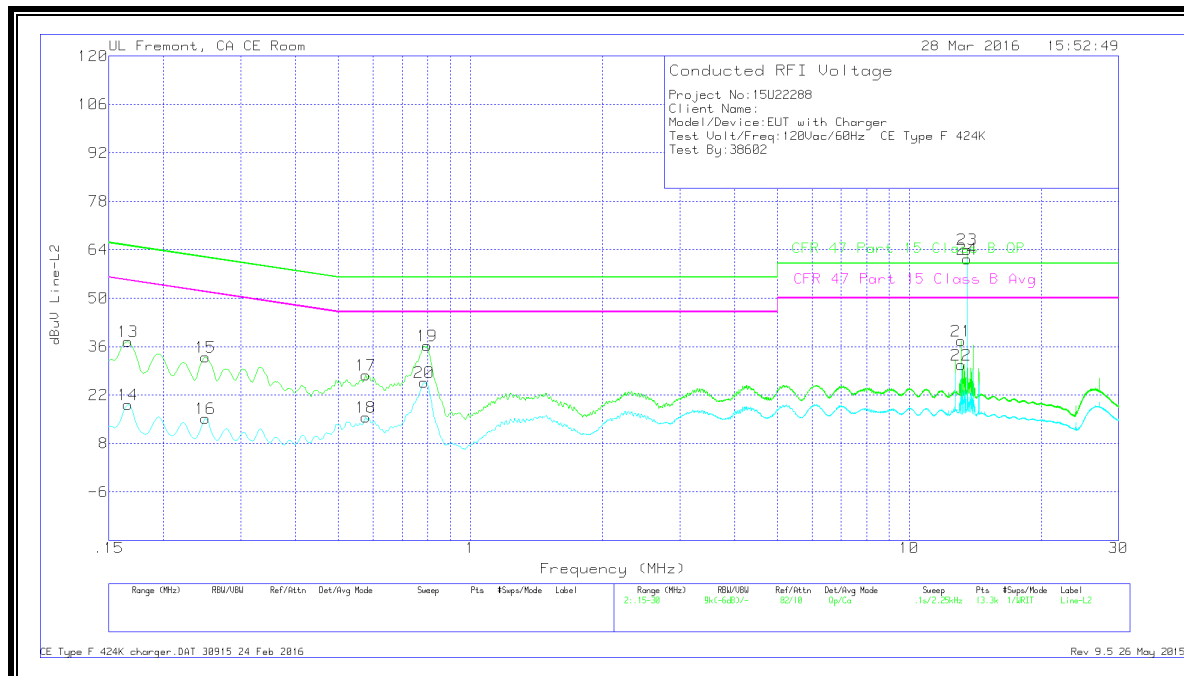
Ca - CISPR average detection

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



9.3.2. WITH ANTENNA PORT TERMINATED, 424 KBPS

WORST EMISSIONS

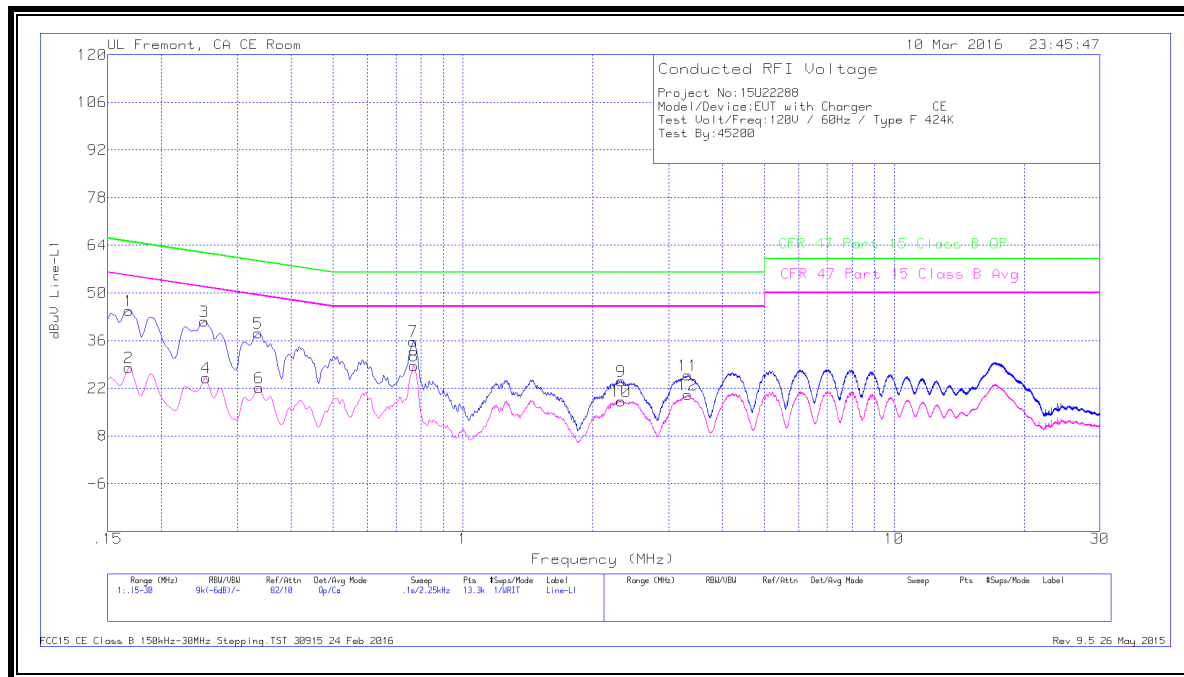
Range 1: Line-L1 .15 - 30MHz											
Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	T1310 IL L1	LC Cables 1&3	Limiter (dB)	Corrected Reading dBuV	CFR 47 Part 15 Class B QP	QP Margin (dB)	CFR 47 Part 15 Class B Avg	Av(CISPR) Margin (dB)
1	.168	34.72	Qp	0	0	10.1	44.82	65.06	-20.24	-	-
2	.168	18.04	Ca	0	0	10.1	28.14	-	-	55.06	-26.92
3	.25125	31.57	Qp	0	0	10.1	41.67	61.72	-20.05	-	-
4	.2535	14.96	Ca	0	0	10.1	25.06	-	-	51.64	-26.58
5	.3345	28.01	Qp	0	0	10.1	38.11	59.34	-21.23	-	-
6	.33675	12.09	Ca	0	0	10.1	22.19	-	-	49.28	-27.09
7	.7665	25.73	Qp	0	0	10.1	35.83	56	-20.17	-	-
8	.76875	18.51	Ca	0	0	10.1	28.61	-	-	46	-17.39
9	2.33025	13.97	Qp	0	.1	10.1	24.17	56	-31.83	-	-
10	2.328	8.07	Ca	0	.1	10.1	18.27	-	-	46	-27.73
11	3.32475	15.65	Qp	0	.1	10.1	25.85	56	-30.15	-	-
12	3.3225	9.89	Ca	0	.1	10.1	20.09	-	-	46	-25.91

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	35.74	Qp	0	0	10.1	45.84	65.06	-19.22	-	-
14	.168	18.65	Ca	0	0	10.1	28.75	-	-	55.06	-26.31
15	.25125	32.13	Qp	0	0	10.1	42.23	61.72	-19.49	-	-
16	.2535	15	Ca	0	0	10.1	25.1	-	-	51.64	-26.54
17	.3345	27.83	Qp	0	0	10.1	37.93	59.34	-21.41	-	-
18	.33675	11.09	Ca	0	0	10.1	21.19	-	-	49.28	-28.09
19	.76875	25.89	Qp	0	0	10.1	35.99	56	-20.01	-	-
20	.7665	18.45	Ca	0	0	10.1	28.55	-	-	46	-17.45
21	2.34825	13.96	Qp	0	.1	10.1	24.16	56	-31.84	-	-
22	2.34825	8.68	Ca	0	.1	10.1	18.88	-	-	46	-27.12
23	3.3225	16.22	Qp	0	.1	10.1	26.42	56	-29.58	-	-
24	3.3225	10.81	Ca	0	.1	10.1	21.01	-	-	46	-24.99

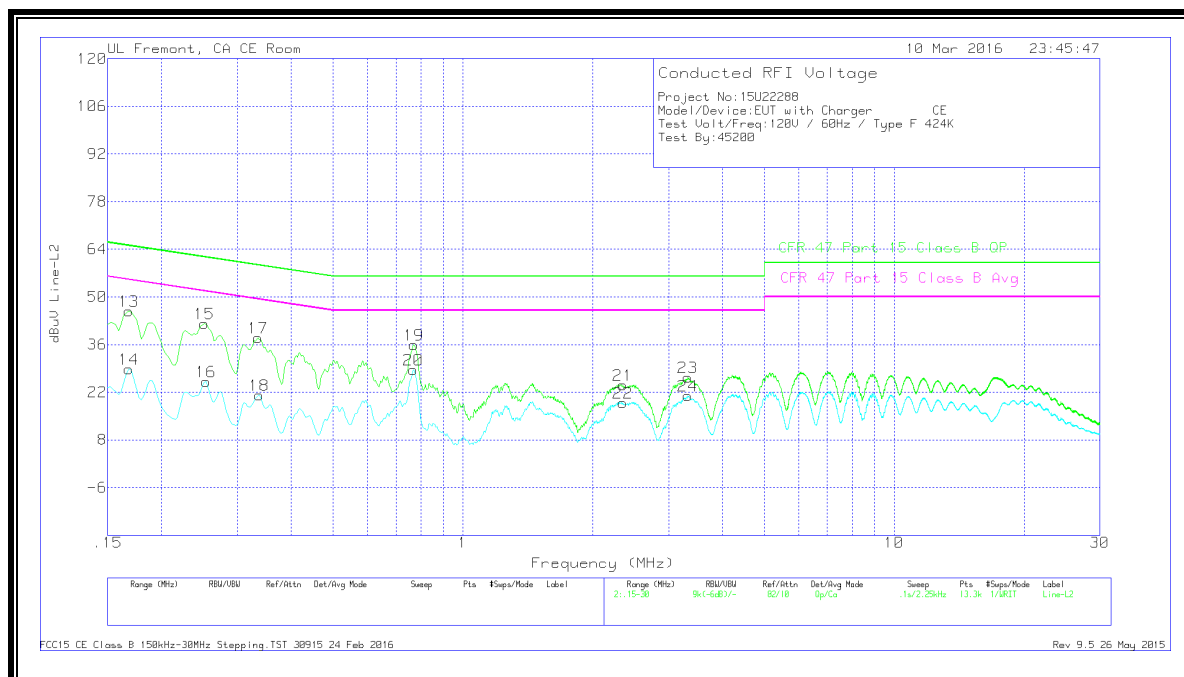
Qp - Quasi-Peak detector

Ca - CISPR average detection

LINE 1 RESULTS



LINE 2 RESULTS



9.3.3. NORMAL OPERATION, 212 KBPS

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	.16575	23.7	Qp	1.2	0	10.1	35	65.17	-30.17	-	-
2	.16575	7.64	Ca	1.2	0	10.1	18.94	-	-	55.17	-36.23
3	.195	21.39	Qp	1	0	10.1	32.49	63.82	-31.33	-	-
4	.195	5.44	Ca	1	0	10.1	16.54	-	-	53.82	-37.28
5	.249	20.22	Qp	.7	0	10.1	31.02	61.79	-30.77	-	-
6	.249	4.15	Ca	.7	0	10.1	14.95	-	-	51.79	-36.84
7	.78787	25.58	Qp	.3	0	10.1	35.98	56	-20.02	-	-
8	.7845	15.02	Ca	.3	0	10.1	25.42	-	-	46	-20.58
9	26.49075	13.12	Qp	.3	.3	10.5	24.22	60	-35.78	-	-
10	26.49075	8.12	Ca	.3	.3	10.5	19.22	-	-	50	-30.78
11	13.56	52.95	Qp	.2	.2	10.2	63.55	60	3.55	-	-
12	13.56	50.32	Ca	.2	.2	10.2	60.92	-	-	50	10.92

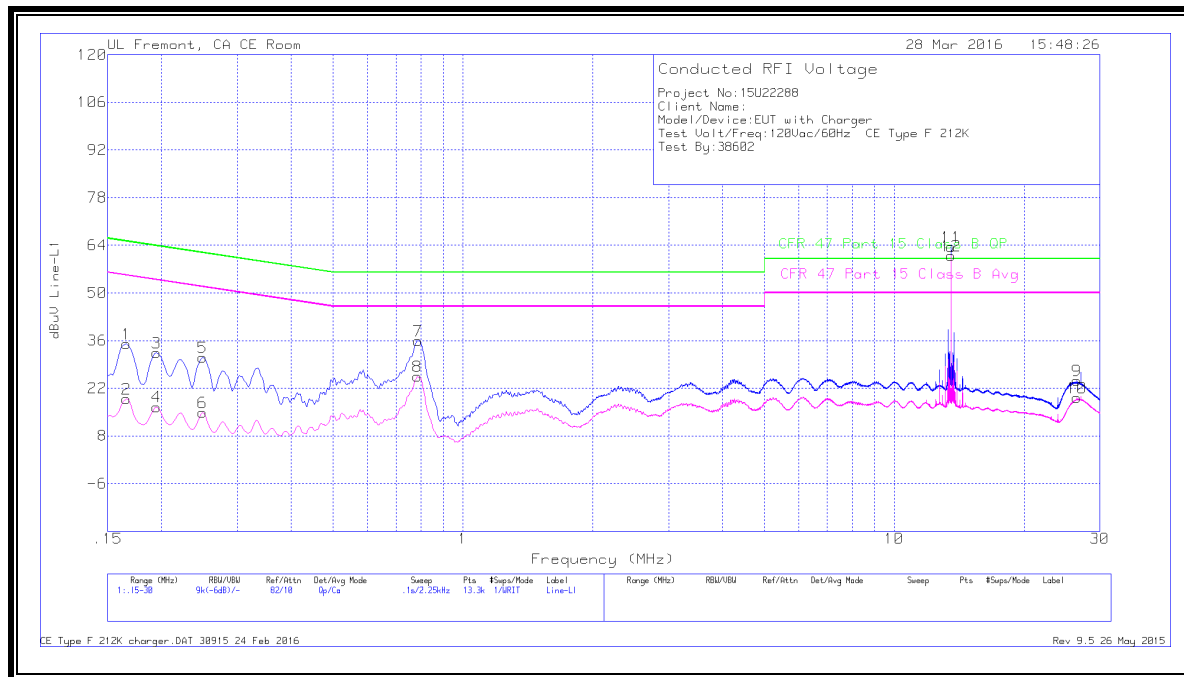
Range 2: Line-L2 .15 - 30MHz											
Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	T24 IL L2	LC Cables 2&3	Limiter (dB)	Corrected Reading dBuV	CFR 47 Part 15 Class B QP	QP Margin (dB)	CFR 47 Part 15 Class B Avg	Av(CISPR) Margin (dB)
13	.16575	23.78	Qp	1.3	0	10.1	35.18	65.17	-29.99	-	-
14	.16575	8.99	Ca	1.3	0	10.1	20.39	-	-	55.17	-34.78
15	.19275	19.23	Qp	1.1	0	10.1	30.43	63.92	-33.49	-	-
16	.195	6.1	Ca	1	0	10.1	17.2	-	-	53.82	-36.62
17	.25125	18.66	Qp	.7	0	10.1	29.46	61.72	-32.26	-	-
18	.249	7.63	Ca	.7	0	10.1	18.43	-	-	51.79	-33.36
19	.5775	16.02	Qp	.3	0	10.1	26.42	56	-29.58	-	-
20	.5775	8.24	Ca	.3	0	10.1	18.64	-	-	46	-27.36
21	.7845	25.68	Qp	.3	0	10.1	36.08	56	-19.92	-	-
22	.79575	17.5	Ca	.3	0	10.1	27.9	-	-	46	-18.1
23	13.56	49	Qp	.2	.2	10.2	59.6	60	-.4	-	-
24	13.56	48.32	Ca	.2	.2	10.2	58.92	-	-	50	8.92

Qp - Quasi-Peak detector

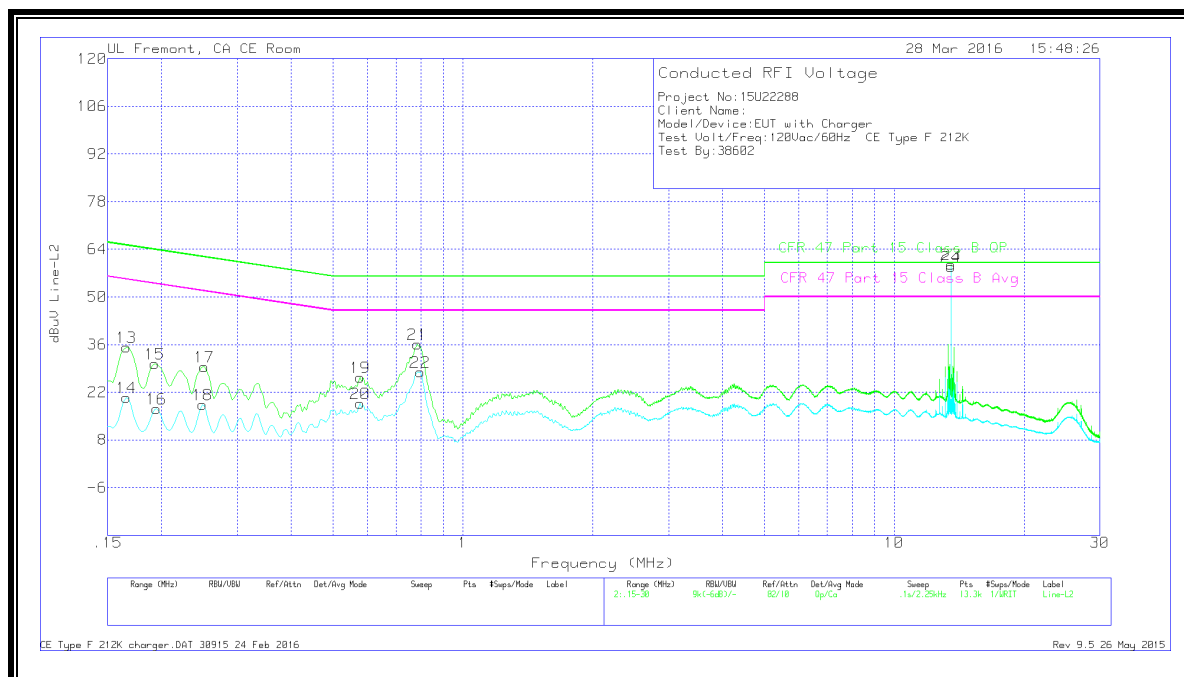
Ca - CISPR average detection

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



9.3.4. WITH ANTENNA PORT TERMINATED, 212 KBPS

WORST EMISSIONS

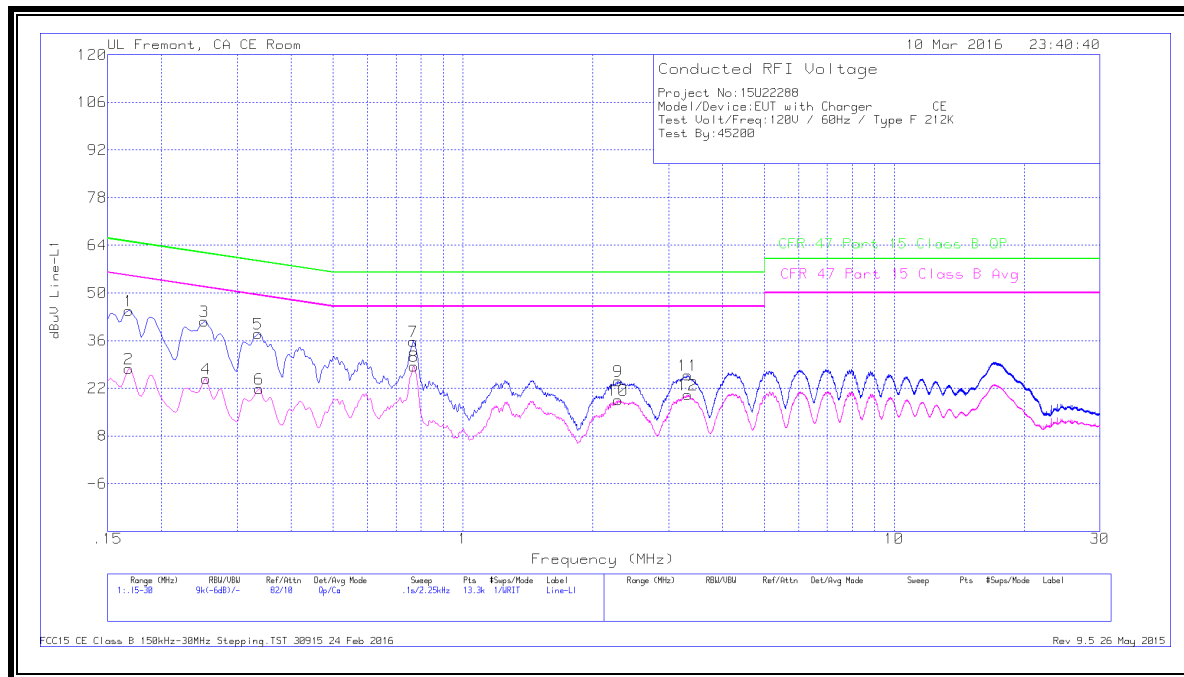
Range 1: Line-L1 .15 - 30MHz											
Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	T1310 IL L1	LC Cables 1&3	Limiter (dB)	Corrected Reading dBuV	CFR 47 Part 15 Class B QP	QP Margin (dB)	CFR 47 Part 15 Class B Avg	Av(CISPR) Margin (dB)
1	.168	34.7	Qp	0	0	10.1	44.8	65.06	-20.26	-	-
2	.168	17.62	Ca	0	0	10.1	27.72	-	-	55.06	-27.34
3	.25125	31.51	Qp	0	0	10.1	41.61	61.72	-20.11	-	-
4	.2535	14.63	Ca	0	0	10.1	24.73	-	-	51.64	-26.91
5	.3345	27.93	Qp	0	0	10.1	38.03	59.34	-21.31	-	-
6	.33675	11.78	Ca	0	0	10.1	21.88	-	-	49.28	-27.4
7	.7665	25.63	Qp	0	0	10.1	35.73	56	-20.27	-	-
8	.76875	18.38	Ca	0	0	10.1	28.48	-	-	46	-17.52
9	2.28975	13.93	Qp	0	.1	10.1	24.13	56	-31.87	-	-
10	2.28975	8.29	Ca	0	.1	10.1	18.49	-	-	46	-27.51
11	3.327	15.67	Qp	0	.1	10.1	25.87	56	-30.13	-	-
12	3.32475	9.94	Ca	0	.1	10.1	20.14	-	-	46	-25.86

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	35.7	Qp	0	0	10.1	45.8	65.06	-19.26	-	-
14	.168	18.17	Ca	0	0	10.1	28.27	-	-	55.06	-26.79
15	.25125	32.04	Qp	0	0	10.1	42.14	61.72	-19.58	-	-
16	.2535	14.61	Ca	0	0	10.1	24.71	-	-	51.64	-26.93
17	.3345	27.72	Qp	0	0	10.1	37.82	59.34	-21.52	-	-
18	.33675	10.76	Ca	0	0	10.1	20.86	-	-	49.28	-28.42
19	.7665	25.84	Qp	0	0	10.1	35.94	56	-20.06	-	-
20	.7665	18.42	Ca	0	0	10.1	28.52	-	-	46	-17.48
21	2.28975	14.13	Qp	0	.1	10.1	24.33	56	-31.67	-	-
22	2.28975	8.97	Ca	0	.1	10.1	19.17	-	-	46	-26.83
23	3.32475	15.92	Qp	0	.1	10.1	26.12	56	-29.88	-	-
24	3.32475	10.74	Ca	0	.1	10.1	20.94	-	-	46	-25.06

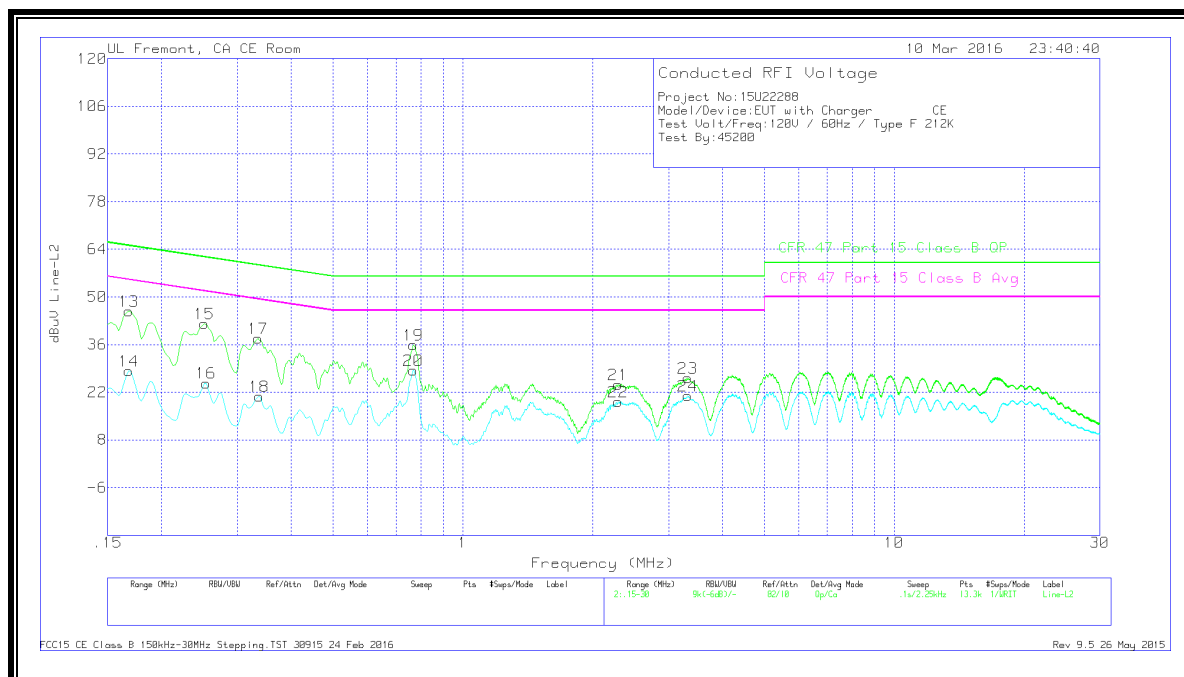
Qp - Quasi-Peak detector

Ca - CISPR average detection

LINE 1 RESULTS



LINE 2 RESULTS



9.4. READER MODE TYPE A

9.4.1. NORMAL OPERATION, 848 KBPS

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	.16575	24.07	Qp	1.2	0	10.1	35.37	65.17	-29.8	-	-
2	.16575	7.78	Ca	1.2	0	10.1	19.08	-	-	55.17	-36.09
3	.195	21.3	Qp	1	0	10.1	32.4	63.82	-31.42	-	-
4	.195	5.33	Ca	1	0	10.1	16.43	-	-	53.82	-37.39
5	.249	20.3	Qp	.7	0	10.1	31.1	61.79	-30.69	-	-
6	.249	4.07	Ca	.7	0	10.1	14.87	-	-	51.79	-36.92
7	.33225	17.21	Qp	.5	0	10.1	27.81	59.39	-31.58	-	-
8	.33225	1.61	Ca	.5	0	10.1	12.21	-	-	49.39	-37.18
9	.78675	25.05	Qp	.3	0	10.1	35.45	56	-20.55	-	-
10	.7845	14.99	Ca	.3	0	10.1	25.39	-	-	46	-20.61
11	13.56	45.28	Qp	.2	.2	10.2	55.88	60	-4.12	-	-
12	13.56	42.79	Ca	.2	.2	10.2	53.39	-	-	50	3.39

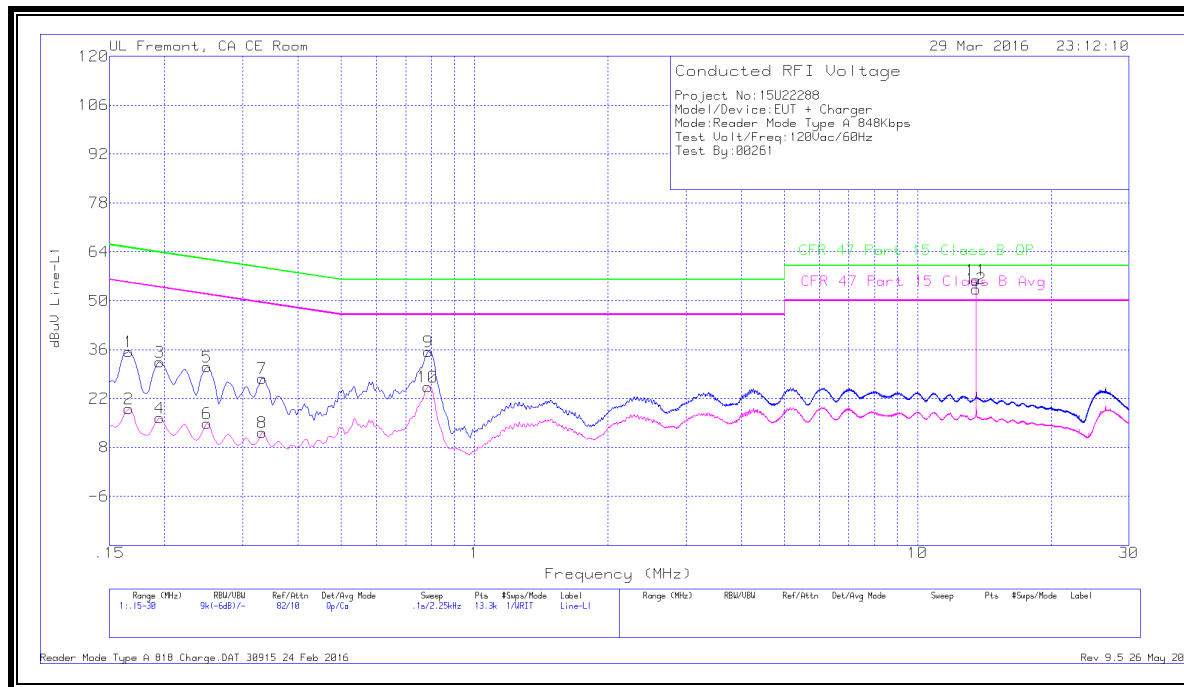
Range 2: Line-L2 .15 - 30MHz											
Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	T24 IL L2	LC Cables 2&3	Limiter (dB)	Corrected Reading dBuV	CFR 47 Part 15 Class B QP	QP Margin (dB)	CFR 47 Part 15 Class B Avg	Av(CISPR) Margin (dB)
13	.16575	24.31	Qp	1.3	0	10.1	35.71	65.17	-29.46	-	-
14	.16575	8.78	Ca	1.3	0	10.1	20.18	-	-	55.17	-34.99
15	.19275	19.49	Qp	1.1	0	10.1	30.69	63.92	-33.23	-	-
16	.195	5.73	Ca	1	0	10.1	16.83	-	-	53.82	-36.99
17	.249	19.11	Qp	.7	0	10.1	29.91	61.79	-31.88	-	-
18	.249	7.17	Ca	.7	0	10.1	17.97	-	-	51.79	-33.82
19	.33225	14.37	Qp	.5	0	10.1	24.97	59.39	-34.42	-	-
20	.33225	4.72	Ca	.5	0	10.1	15.32	-	-	49.39	-34.07
21	.789	25.24	Qp	.3	0	10.1	35.64	56	-20.36	-	-
22	.798	16.95	Ca	.3	0	10.1	27.35	-	-	46	-18.65
23	13.56	41.37	Qp	.2	.2	10.2	51.97	60	-8.03	-	-
24	13.56	40.84	Ca	.2	.2	10.2	51.44	-	-	50	1.44

Qp - Quasi-Peak detector

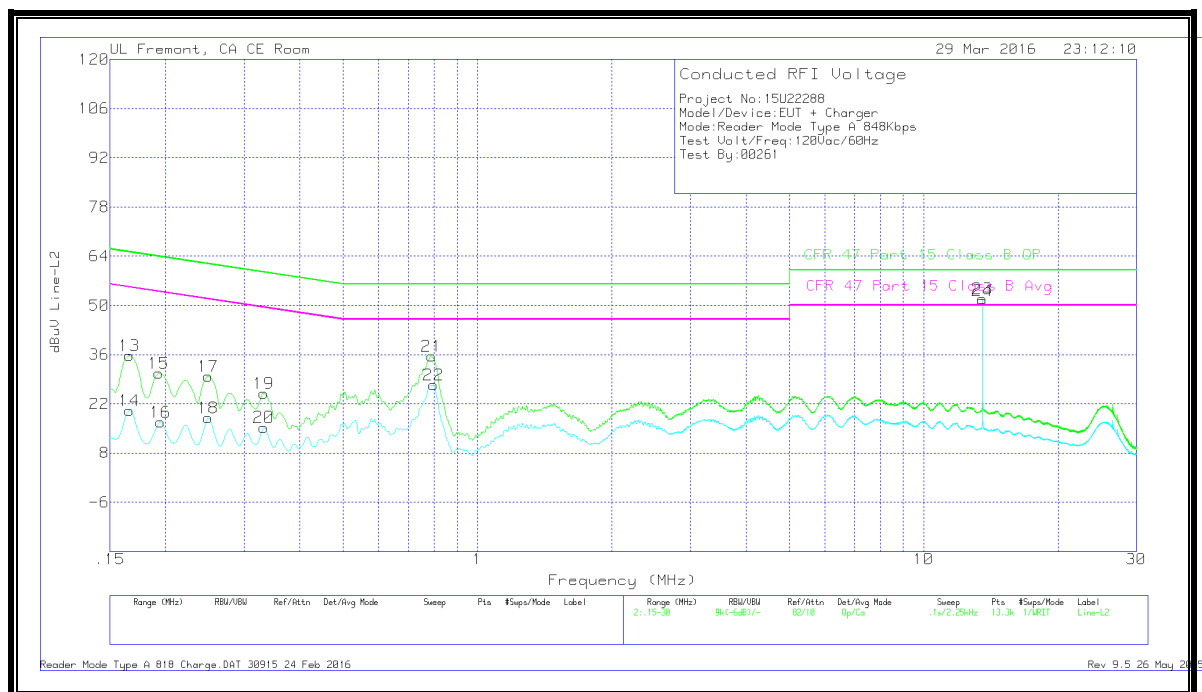
Ca - CISPR average detection

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



9.4.2. WITH ANTENNA PORT TERMINATED, 848 KBPS

WORST EMISSIONS

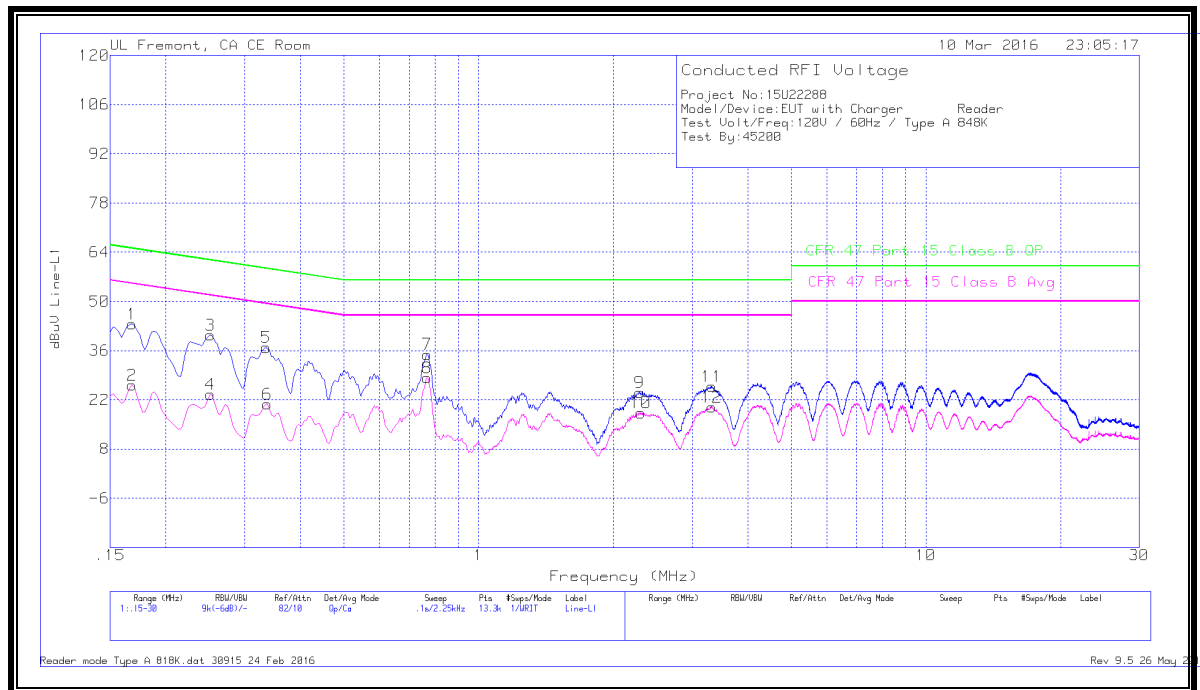
Range 1: Line-L1 .15 - 30MHz											
Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	T1310 IL L1	LC Cables 1&3	Limiter (dB)	Corrected Reading dBuV	CFR 47 Part 15 Class B QP	QP Margin (dB)	CFR 47 Part 15 Class B Avg	Av(CISPR) Margin (dB)
1	.168	33.46	Qp	0	0	10.1	43.56	65.06	-21.5	-	-
2	.168	16.16	Ca	0	0	10.1	26.26	-	-	55.06	-28.8
3	.25125	30.3	Qp	0	0	10.1	40.4	61.72	-21.32	-	-
4	.25125	13.43	Ca	0	0	10.1	23.53	-	-	51.72	-28.19
5	.3345	26.78	Qp	0	0	10.1	36.88	59.34	-22.46	-	-
6	.33675	10.75	Ca	0	0	10.1	20.85	-	-	49.28	-28.43
7	.7665	24.86	Qp	0	0	10.1	34.96	56	-21.04	-	-
8	.7665	18.23	Ca	0	0	10.1	28.33	-	-	46	-17.67
9	2.2875	13.84	Qp	0	.1	10.1	24.04	56	-31.96	-	-
10	2.30325	8.08	Ca	0	.1	10.1	18.28	-	-	46	-27.72
11	3.3225	15.62	Qp	0	.1	10.1	25.82	56	-30.18	-	-
12	3.3225	9.72	Ca	0	.1	10.1	19.92	-	-	46	-26.08

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	CFR 47 Part 15 Class B QP	QP Margin (dB)	CFR 47 Part 15 Class B Avg	Av(CISPR) Margin (dB)
13	.168	34.61	Qp	0	0	10.1	44.71	65.06	-20.35	-	-
14	.168	16.79	Ca	0	0	10.1	26.89	-	-	55.06	-28.17
15	.25125	30.96	Qp	0	0	10.1	41.06	61.72	-20.66	-	-
16	.25125	13.43	Ca	0	0	10.1	23.53	-	-	51.72	-28.19
17	.3345	26.65	Qp	0	0	10.1	36.75	59.34	-22.59	-	-
18	.33675	9.72	Ca	0	0	10.1	19.82	-	-	49.28	-29.46
19	.7665	24.98	Qp	0	0	10.1	35.08	56	-20.92	-	-
20	.7665	18.1	Ca	0	0	10.1	28.2	-	-	46	-17.8
21	2.32125	14.14	Qp	0	.1	10.1	24.34	56	-31.66	-	-
22	2.30325	8.94	Ca	0	.1	10.1	19.14	-	-	46	-26.86
23	3.35175	15.45	Qp	0	.1	10.1	25.65	56	-30.35	-	-
24	3.35175	10.15	Ca	0	.1	10.1	20.35	-	-	46	-25.65

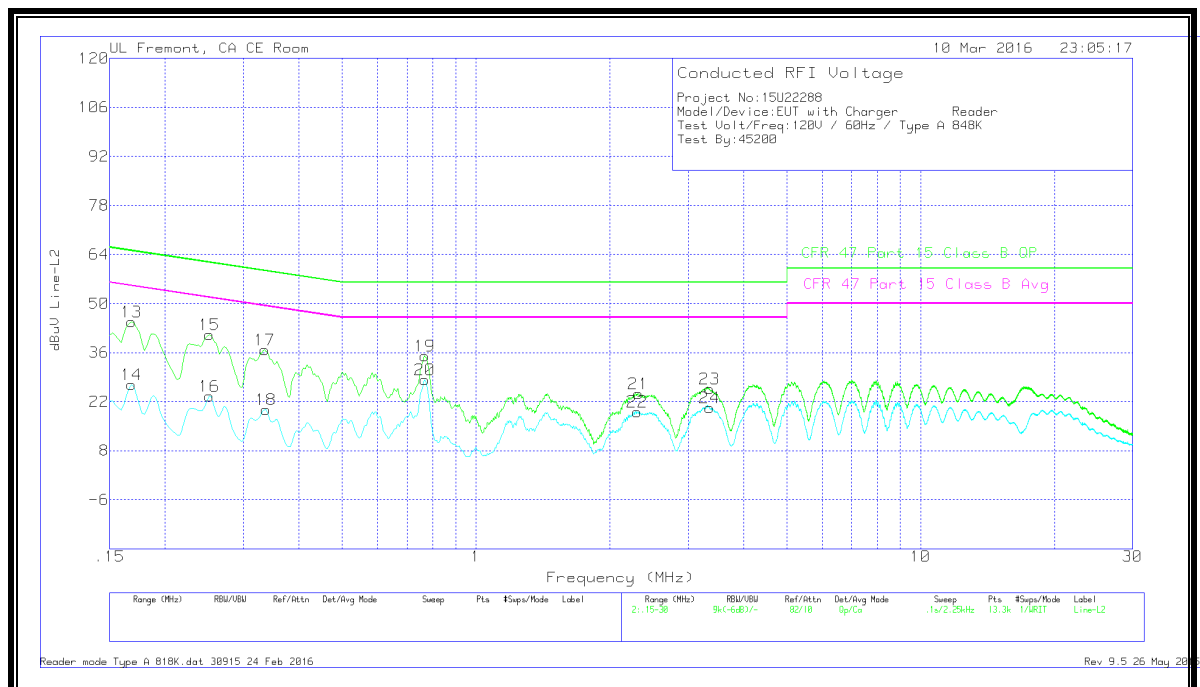
Qp - Quasi-Peak detector

Ca - CISPR average detection

LINE 1 RESULTS



LINE 2 RESULTS



9.4.3. NORMAL OPERATION, 424 KBPS

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	.16575	24.15	Qp	1.2	0	10.1	35.45	65.17	-29.72	-	-
2	.16575	7.97	Ca	1.2	0	10.1	19.27	-	-	55.17	-35.9
3	.195	21.49	Qp	1	0	10.1	32.59	63.82	-31.23	-	-
4	.195	5.57	Ca	1	0	10.1	16.67	-	-	53.82	-37.15
5	.249	20.37	Qp	.7	0	10.1	31.17	61.79	-30.62	-	-
6	.249	4.18	Ca	.7	0	10.1	14.98	-	-	51.79	-36.81
7	.33225	17.07	Qp	.5	0	10.1	27.67	59.39	-31.72	-	-
8	.33225	1.62	Ca	.5	0	10.1	12.22	-	-	49.39	-37.17
9	.798	25.38	Qp	.3	0	10.1	35.78	56	-20.22	-	-
10	.78675	15.03	Ca	.3	0	10.1	25.43	-	-	46	-20.57
11	13.56	44.98	Qp	.2	.2	10.2	55.58	60	-4.42	-	-
12	13.56	42.45	Ca	.2	.2	10.2	53.05	-	-	50	3.05

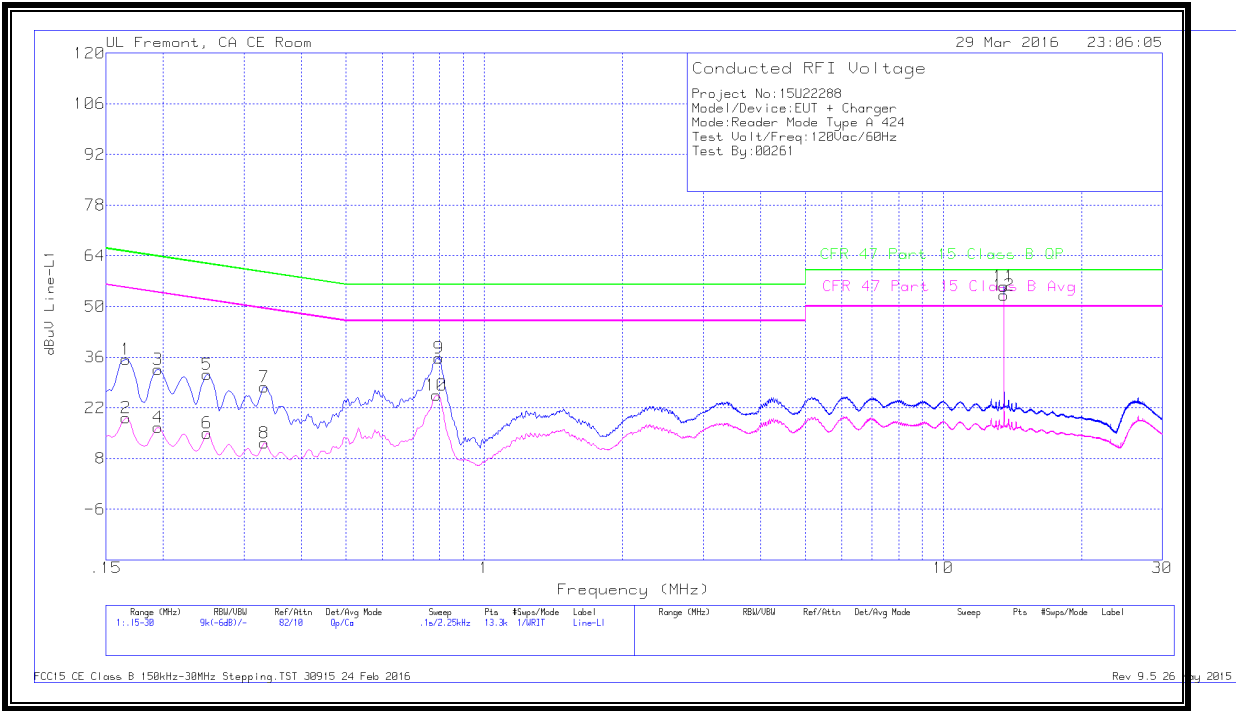
Range 2: Line-L2 .15 - 30MHz											
Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	T24 IL L2	LC Cables 2&3	Limiter (dB)	Corrected Reading dBuV	CFR 47 Part 15 Class B QP	QP Margin (dB)	CFR 47 Part 15 Class B Avg	Av(CISPR) Margin (dB)
13	.16575	24.4	Qp	1.3	0	10.1	35.8	65.17	-29.37	-	-
14	.16575	8.81	Ca	1.3	0	10.1	20.21	-	-	55.17	-34.96
15	.19275	19.61	Qp	1.1	0	10.1	30.81	63.92	-33.11	-	-
16	.195	5.74	Ca	1	0	10.1	16.84	-	-	53.82	-36.98
17	.249	19.14	Qp	.7	0	10.1	29.94	61.79	-31.85	-	-
18	.249	7.15	Ca	.7	0	10.1	17.95	-	-	51.79	-33.84
19	.3345	14.43	Qp	.5	0	10.1	25.03	59.34	-34.31	-	-
20	.33225	4.68	Ca	.5	0	10.1	15.28	-	-	49.39	-34.11
21	.7845	25.24	Qp	.3	0	10.1	35.64	56	-20.36	-	-
22	.78675	16.91	Ca	.3	0	10.1	27.31	-	-	46	-18.69
23	13.56	40.97	Qp	.2	.2	10.2	51.57	60	-8.43	-	-
24	13.56	40.39	Ca	.2	.2	10.2	50.99	-	-	50	.99

Qp - Quasi-Peak detector

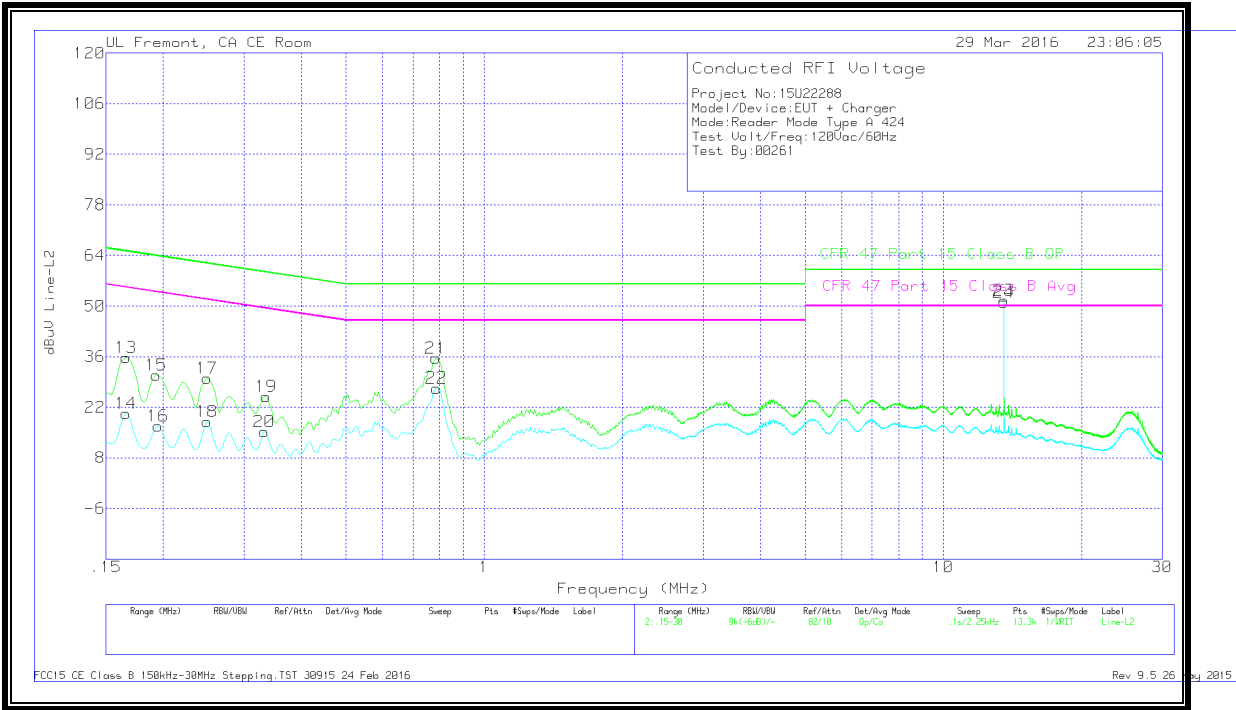
Ca - CISPR average detection

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



9.4.4. WITH ANTENNA PORT TERMINATED, 424 KBPS

WORST EMISSIONS

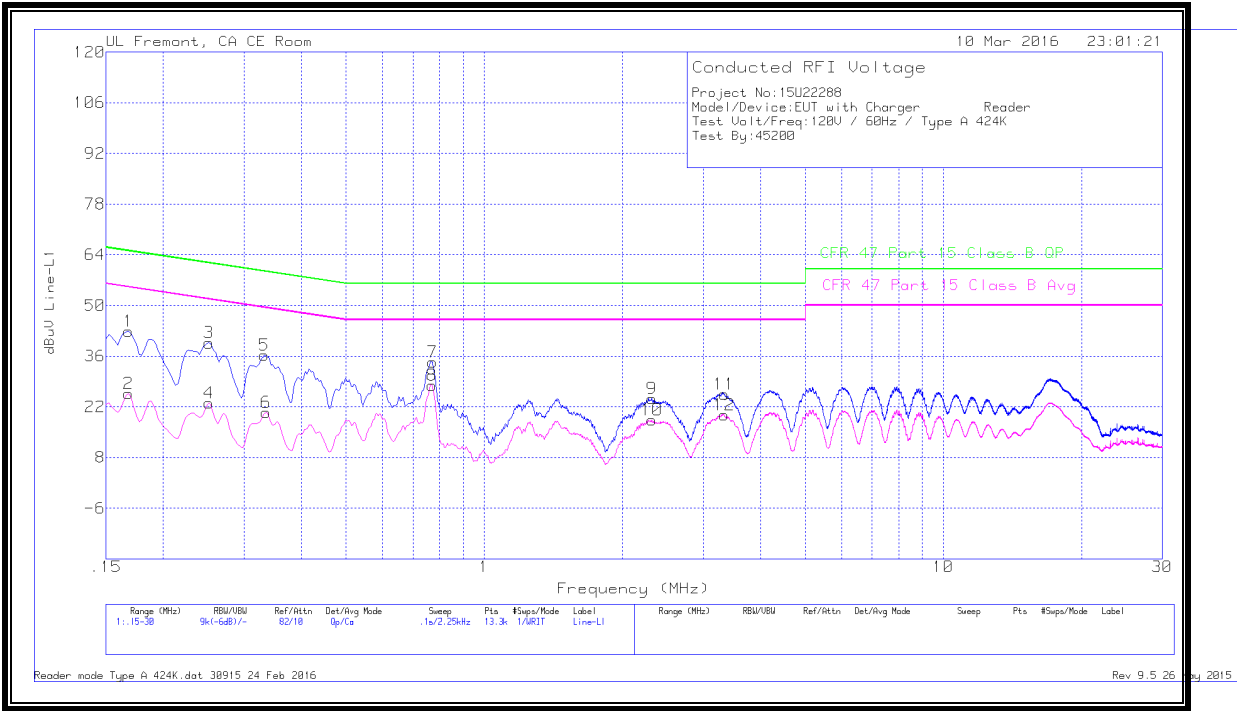
Range 1: Line-L1 .15 - 30MHz											
Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	T1310 IL L1	LC Cables 1&3	Limiter (dB)	Corrected Reading dBuV	CFR 47 Part 15 Class B QP	QP Margin (dB)	CFR 47 Part 15 Class B Avg	Av(CISPR) Margin (dB)
1	.168	32.75	Qp	0	0	10.1	42.85	65.06	-22.21	-	-
2	.168	15.56	Ca	0	0	10.1	25.66	-	-	55.06	-29.4
3	.25125	29.56	Qp	0	0	10.1	39.66	61.72	-22.06	-	-
4	.25125	13.03	Ca	0	0	10.1	23.13	-	-	51.72	-28.59
5	.33225	26.13	Qp	0	0	10.1	36.23	59.39	-23.16	-	-
6	.3345	10.4	Ca	0	0	10.1	20.5	-	-	49.34	-28.84
7	.771	24.33	Qp	0	0	10.1	34.43	56	-21.57	-	-
8	.76875	17.88	Ca	0	0	10.1	27.98	-	-	46	-18.02
9	2.31675	14.15	Qp	0	.1	10.1	24.35	56	-31.65	-	-
10	2.31675	8.09	Ca	0	.1	10.1	18.29	-	-	46	-27.71
11	3.3315	15.22	Qp	0	.1	10.1	25.42	56	-30.58	-	-
12	3.3315	9.48	Ca	0	.1	10.1	19.68	-	-	46	-26.32

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	33.96	Qp	0	0	10.1	44.06	65.06	-21	-	-
14	.168	16.18	Ca	0	0	10.1	26.28	-	-	55.06	-28.78
15	.25125	30.32	Qp	0	0	10.1	40.42	61.72	-21.3	-	-
16	.25125	12.99	Ca	0	0	10.1	23.09	-	-	51.72	-28.63
17	.33225	26.06	Qp	0	0	10.1	36.16	59.39	-23.23	-	-
18	.3345	9.34	Ca	0	0	10.1	19.44	-	-	49.34	-29.9
19	.771	24.74	Qp	0	0	10.1	34.84	56	-21.16	-	-
20	.76425	17.88	Ca	0	0	10.1	27.98	-	-	46	-18.02
21	2.31675	14.19	Qp	0	.1	10.1	24.39	56	-31.61	-	-
22	2.319	8.77	Ca	0	.1	10.1	18.97	-	-	46	-27.03
23	3.327	15.82	Qp	0	.1	10.1	26.02	56	-29.98	-	-
24	3.327	10.58	Ca	0	.1	10.1	20.78	-	-	46	-25.22

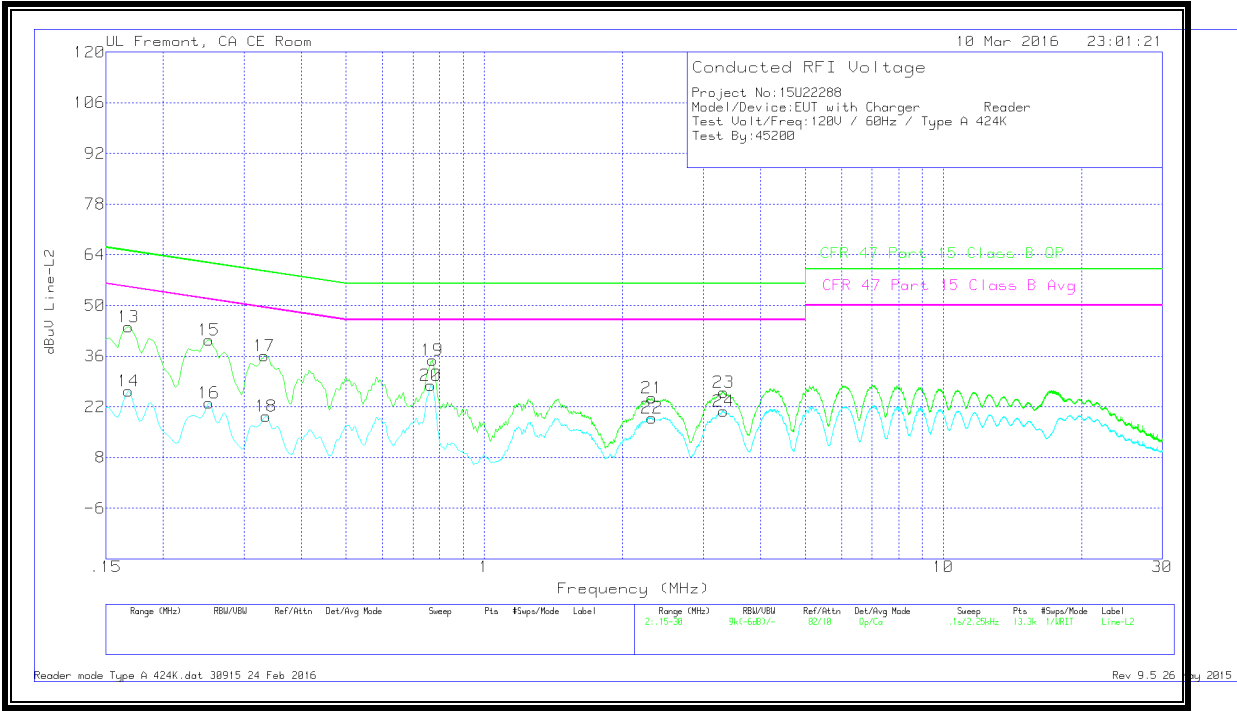
Qp - Quasi-Peak detector

Ca - CISPR average detection

LINE 1 RESULTS



LINE 2 RESULTS



9.4.5. NORMAL OPERATION, 212 KBPS

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	.16575	24.52	Qp	1.2	0	10.1	35.82	65.17	-29.35	-	-
2	.16575	8.16	Ca	1.2	0	10.1	19.46	-	-	55.17	-35.71
3	.195	21.67	Qp	1	0	10.1	32.77	63.82	-31.05	-	-
4	.195	5.74	Ca	1	0	10.1	16.84	-	-	53.82	-36.98
5	.249	20.44	Qp	.7	0	10.1	31.24	61.79	-30.55	-	-
6	.249	4.22	Ca	.7	0	10.1	15.02	-	-	51.79	-36.77
7	.3345	17.19	Qp	.5	0	10.1	27.79	59.34	-31.55	-	-
8	.33225	1.61	Ca	.5	0	10.1	12.21	-	-	49.39	-37.18
9	.78675	25.38	Qp	.3	0	10.1	35.78	56	-20.22	-	-
10	.78675	15.22	Ca	.3	0	10.1	25.62	-	-	46	-20.38
11	13.56	44.87	Qp	.2	.2	10.2	55.47	60	-4.53	-	-
12	13.56	42.3	Ca	.2	.2	10.2	52.9	-	-	50	2.9

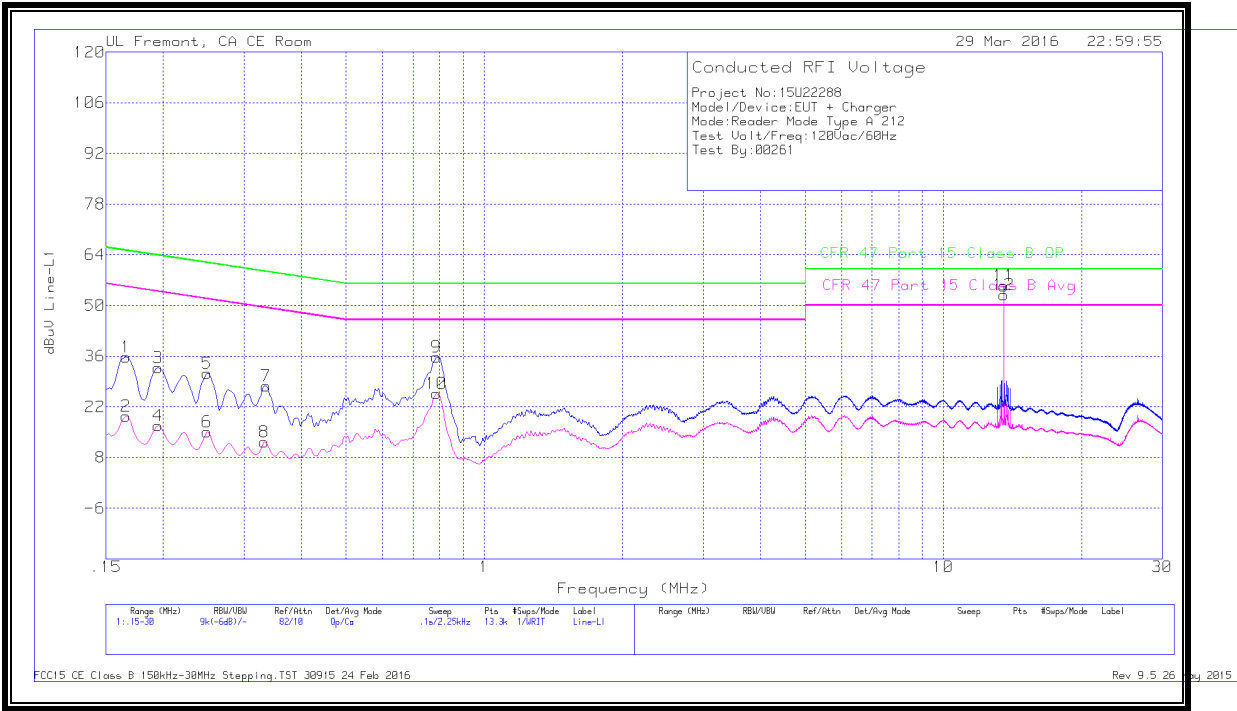
Range 2: Line-L2 .15 - 30MHz											
Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	T24 IL L2	LC Cables 2&3	Limiter (dB)	Corrected Reading dBuV	CFR 47 Part 15 Class B QP	QP Margin (dB)	CFR 47 Part 15 Class B Avg	Av(CISPR) Margin (dB)
13	.16575	24.84	Qp	1.3	0	10.1	36.24	65.17	-28.93	-	-
14	.16575	9.29	Ca	1.3	0	10.1	20.69	-	-	55.17	-34.48
15	.19275	20.04	Qp	1.1	0	10.1	31.24	63.92	-32.68	-	-
16	.195	6.14	Ca	1	0	10.1	17.24	-	-	53.82	-36.58
17	.249	19.49	Qp	.7	0	10.1	30.29	61.79	-31.5	-	-
18	.249	7.31	Ca	.7	0	10.1	18.11	-	-	51.79	-33.68
19	.33225	14.54	Qp	.5	0	10.1	25.14	59.39	-34.25	-	-
20	.33225	4.77	Ca	.5	0	10.1	15.37	-	-	49.39	-34.02
21	.798	25.57	Qp	.3	0	10.1	35.97	56	-20.03	-	-
22	.798	17.21	Ca	.3	0	10.1	27.61	-	-	46	-18.39
23	13.56	40.92	Qp	.2	.2	10.2	51.52	60	-8.48	-	-
24	13.56	40.23	Ca	.2	.2	10.2	50.83	-	-	50	.83

Qp - Quasi-Peak detector

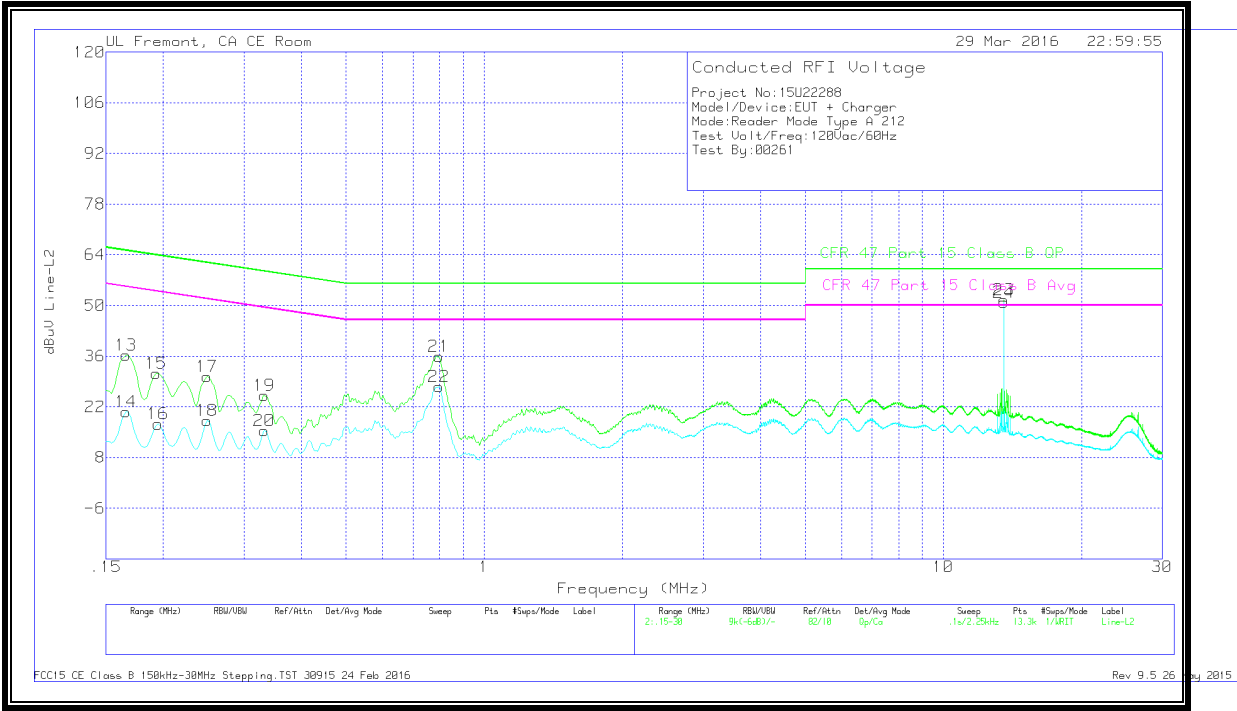
Ca - CISPR average detection

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



9.4.6. WITH ANTENNA PORT TERMINATED, 212 KBPS

WORST EMISSIONS

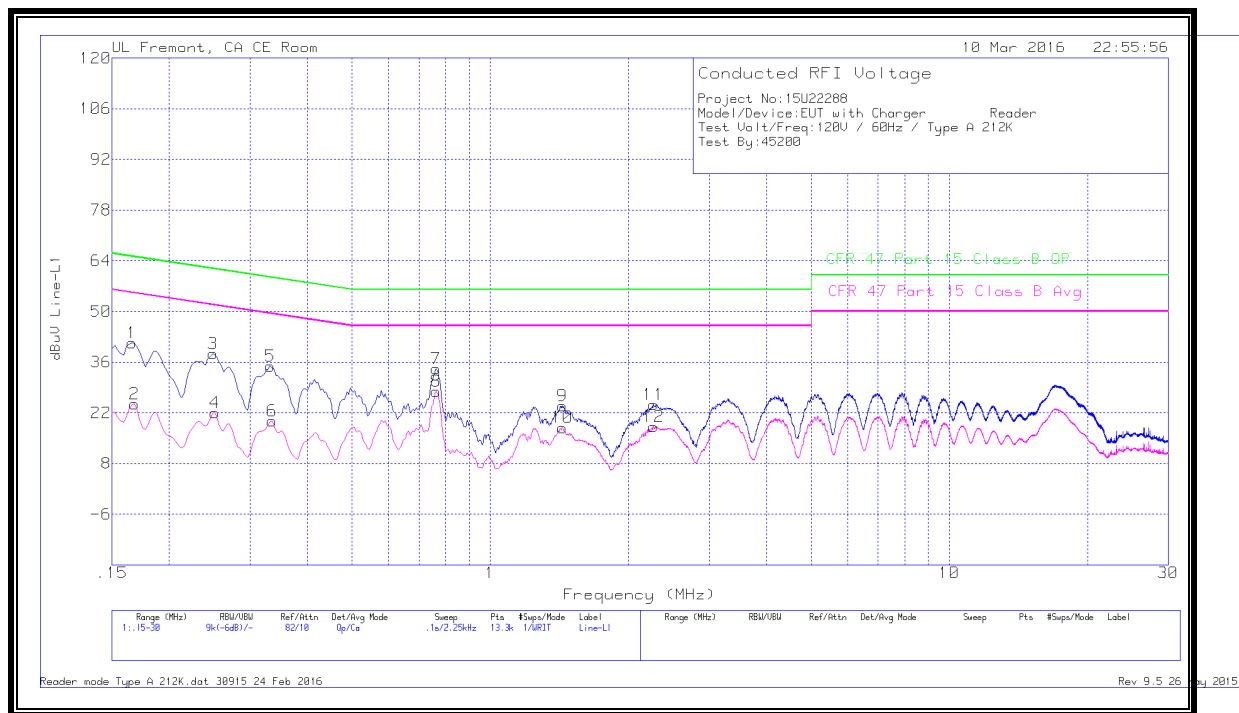
Range 1: Line-L1 .15 - 30MHz											
Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	T1310 IL L1	LC Cables 1&3	Limiter (dB)	Corrected Reading dBuV	CFR 47 Part 15 Class B QP	QP Margin (dB)	CFR 47 Part 15 Class B Avg	Av(CISPR) Margin (dB)
1	.16575	31.27	Qp	0	0	10.1	41.37	65.17	-23.8	-	-
2	.168	14.28	Ca	0	0	10.1	24.38	-	-	55.06	-30.68
3	.249	28.23	Qp	0	0	10.1	38.33	61.79	-23.46	-	-
4	.25125	11.98	Ca	0	0	10.1	22.08	-	-	51.72	-29.64
5	.33225	24.78	Qp	0	0	10.1	34.88	59.39	-24.51	-	-
6	.3345	9.6	Ca	0	0	10.1	19.7	-	-	49.34	-29.64
7	.762	24.01	Qp	0	0	10.1	34.11	56	-21.89	-	-
8	.762	17.83	Ca	0	0	10.1	27.93	-	-	46	-18.07
9	1.43475	13.8	Qp	0	.1	10.1	24	56	-32	-	-
10	1.43475	7.73	Ca	0	.1	10.1	17.93	-	-	46	-28.07
11	2.26725	14.14	Qp	0	.1	10.1	24.34	56	-31.66	-	-
12	2.26725	8.05	Ca	0	.1	10.1	18.25	-	-	46	-27.75

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	32.42	Qp	0	0	10.1	42.52	65.06	-22.54	-	-
14	.168	14.93	Ca	0	0	10.1	25.03	-	-	55.06	-30.03
15	.249	29.01	Qp	0	0	10.1	39.11	61.79	-22.68	-	-
16	.25125	12.04	Ca	0	0	10.1	22.14	-	-	51.72	-29.58
17	.33225	24.84	Qp	0	0	10.1	34.94	59.39	-24.45	-	-
18	.3345	8.7	Ca	0	0	10.1	18.8	-	-	49.34	-30.54
19	.76312	23.48	Qp	0	0	10.1	33.58	56	-22.42	-	-
20	.762	17.67	Ca	0	0	10.1	27.77	-	-	46	-18.23
21	1.43475	13.87	Qp	0	.1	10.1	24.07	56	-31.93	-	-
22	1.43475	8.36	Ca	0	.1	10.1	18.56	-	-	46	-27.44
23	2.2695	14.19	Qp	0	.1	10.1	24.39	56	-31.61	-	-
24	2.2695	8.77	Ca	0	.1	10.1	18.97	-	-	46	-27.03

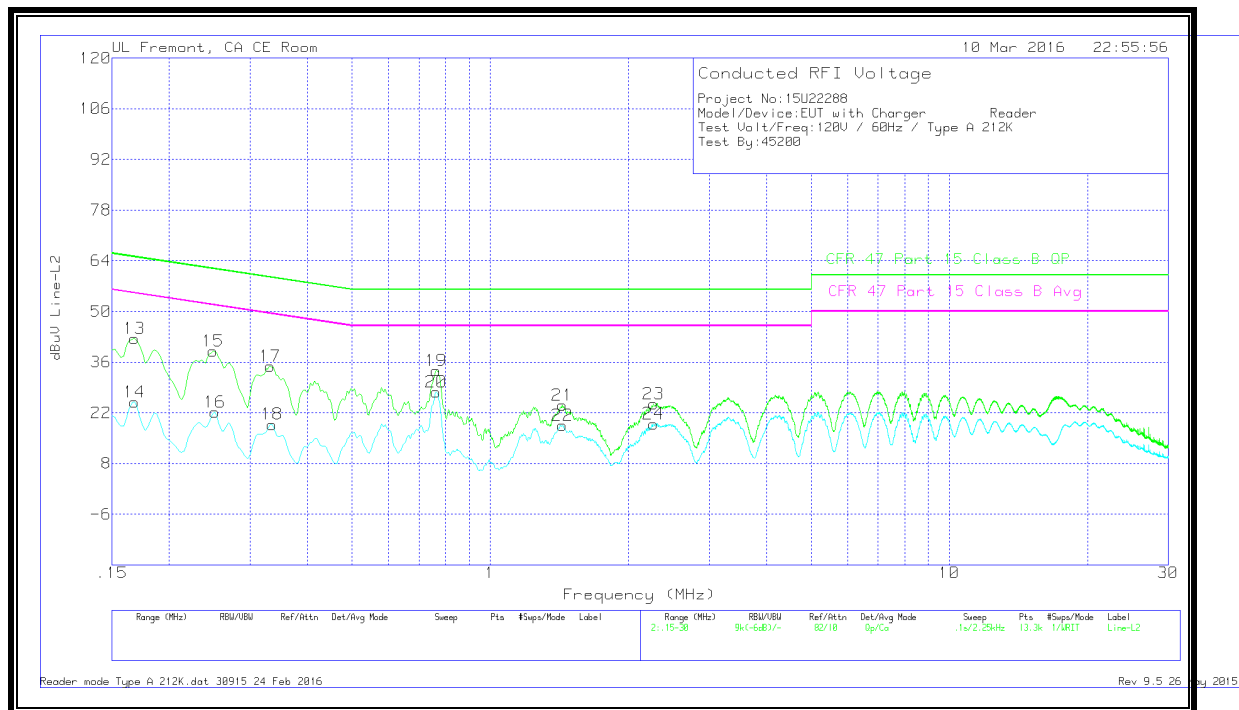
Qp - Quasi-Peak detector

Ca - CISPR average detection

LINE 1 RESULTS



LINE 2 RESULTS



9.4.7. NORMAL OPERATION, 106 KBPS

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	26.25	Qp	1.2	0	10.1	37.55	65.06	-27.51	-	-
2	.168	9.47	Ca	1.2	0	10.1	20.77	-	-	55.06	-34.29
3	.195	23.56	Qp	1	0	10.1	34.66	63.82	-29.16	-	-
4	.19613	7.02	Ca	1	0	10.1	18.12	-	-	53.77	-35.65
5	.222	21.02	Qp	.8	0	10.1	31.92	62.74	-30.82	-	-
6	.22313	4.83	Ca	.8	0	10.1	15.73	-	-	52.7	-36.97
7	.25125	20.98	Qp	.7	0	10.1	31.78	61.72	-29.94	-	-
8	.25125	4.72	Ca	.7	0	10.1	15.52	-	-	51.72	-36.2
9	.7935	26.95	Qp	.3	0	10.1	37.35	56	-18.65	-	-
10	.79125	15.65	Ca	.3	0	10.1	26.05	-	-	46	-19.95
11	13.56	44.3	Qp	.2	.2	10.2	54.9	60	-5.1	-	-
12	13.56	41.66	Ca	.2	.2	10.2	52.26	-	-	50	2.26

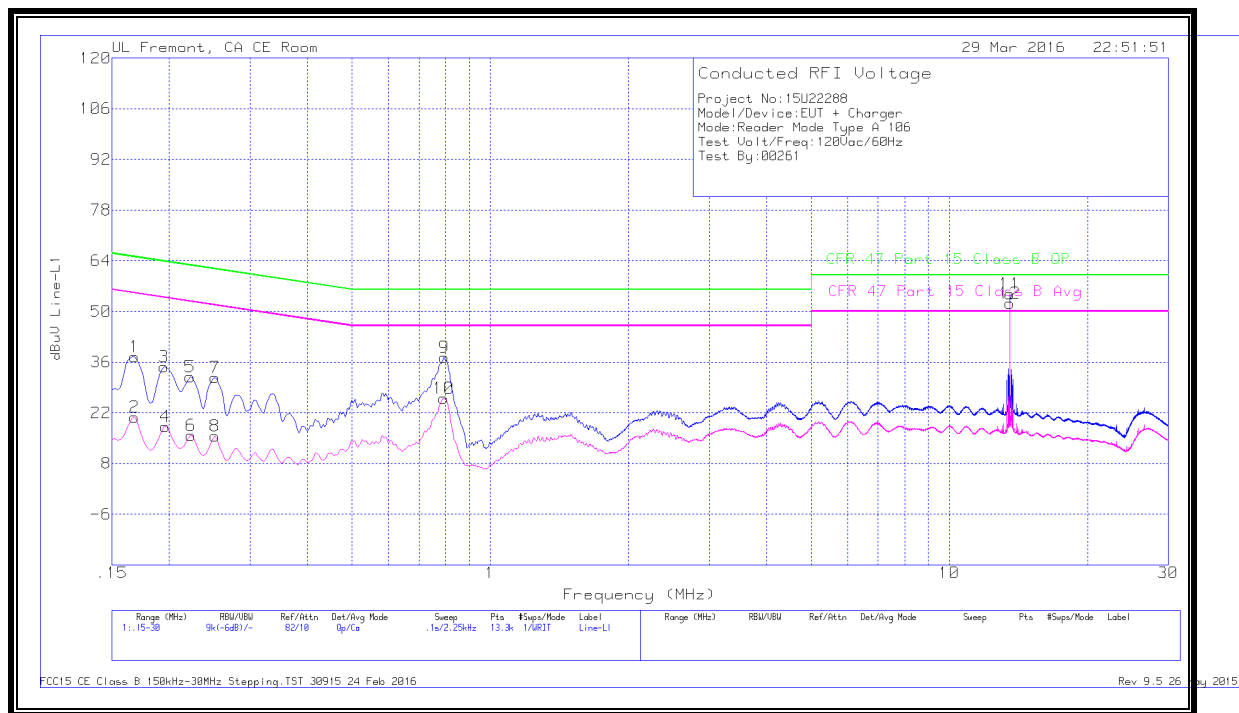
Range 2: Line-L2 .15 - 30MHz											
Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	T24 IL L2	LC Cables 2&3	Limiter (dB)	Corrected Reading dBuV	CFR 47 Part 15 Class B QP	QP Margin (dB)	CFR 47 Part 15 Class B Avg	Av(CISPR) Margin (dB)
13	.168	26.5	Qp	1.3	0	10.1	37.9	65.06	-27.16	-	-
14	.168	10.43	Ca	1.3	0	10.1	21.83	-	-	55.06	-33.23
15	.195	21.84	Qp	1	0	10.1	32.94	63.82	-30.88	-	-
16	.195	7.08	Ca	1	0	10.1	18.18	-	-	53.82	-35.64
17	.222	19.29	Qp	.9	0	10.1	30.29	62.74	-32.45	-	-
18	.222	5.78	Ca	.9	0	10.1	16.78	-	-	52.74	-35.96
19	.25125	20.13	Qp	.7	0	10.1	30.93	61.72	-30.79	-	-
20	.25125	7.69	Ca	.7	0	10.1	18.49	-	-	51.72	-33.23
21	.79125	26.68	Qp	.3	0	10.1	37.08	56	-18.92	-	-
22	.789	17.67	Ca	.3	0	10.1	28.07	-	-	46	-17.93
23	13.56	40.5	Qp	.2	.2	10.2	51.1	60	-8.9	-	-
24	13.56	39.56	Ca	.2	.2	10.2	50.16	-	-	50	.16

Qp - Quasi-Peak detector

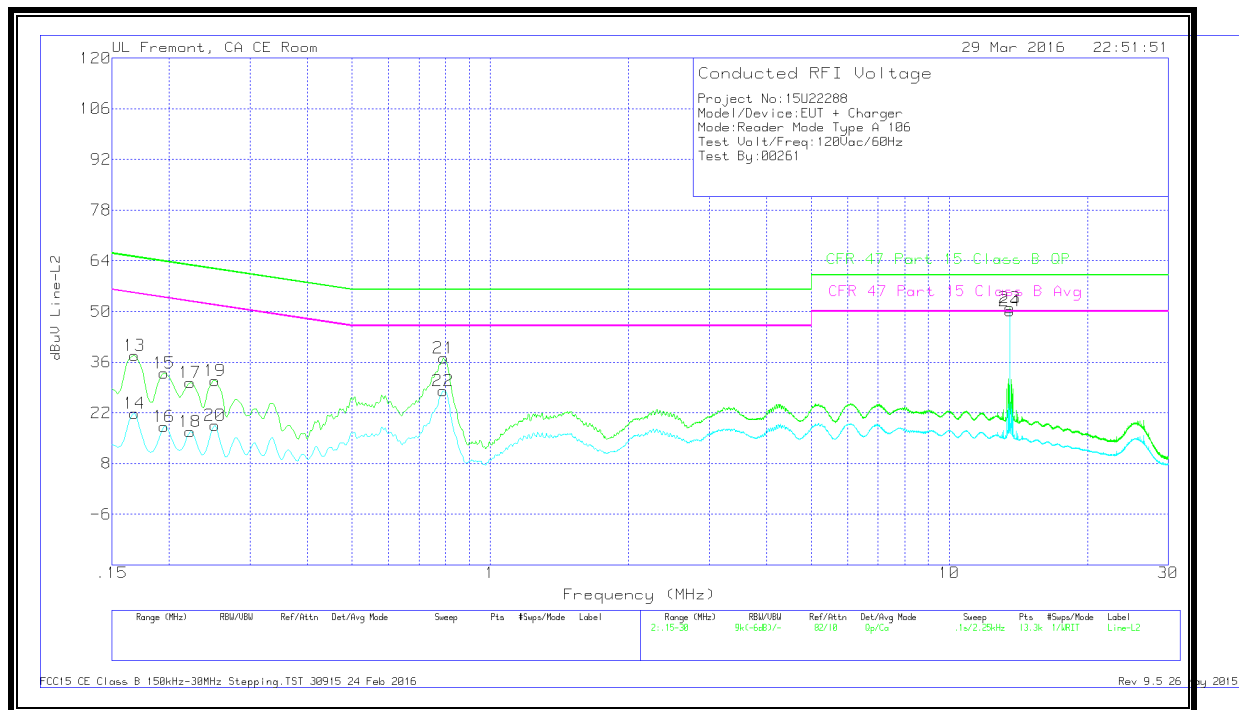
Ca - CISPR average detection

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



9.4.8. WITH ANTENNA PORT TERMINATED, 106 KBPS

WORST EMISSIONS

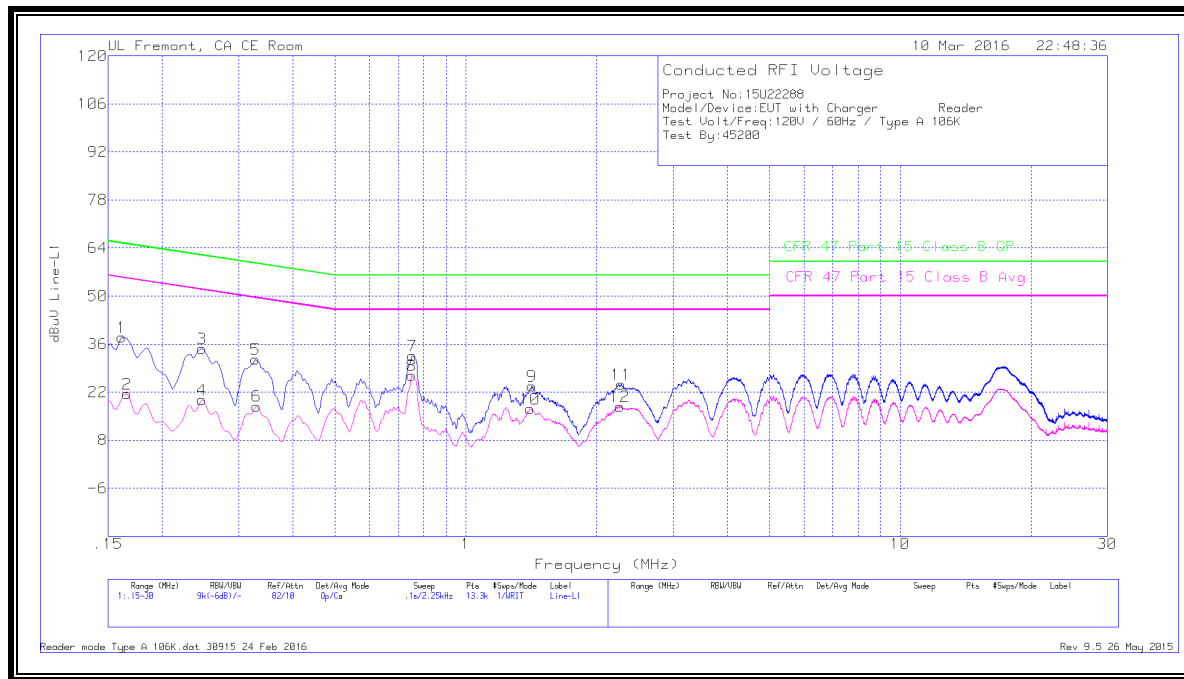
Range 1: Line-L1 .15 - 30MHz											
Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	T1310 IL L1	LC Cables 1&3	Limiter (dB)	Corrected Reading dBuV	CFR 47 Part 15 Class B QP	QP Margin (dB)	CFR 47 Part 15 Class B Avg	Av(CISPR) Margin (dB)
1	.16125	27.9	Qp	0	0	10.1	38	65.4	-27.4	-	-
2	.16575	11.39	Ca	0	0	10.1	21.49	-	-	55.17	-33.68
3	.24675	24.54	Qp	0	0	10.1	34.64	61.87	-27.23	-	-
4	.24675	9.62	Ca	0	0	10.1	19.72	-	-	51.87	-32.15
5	.32775	21.43	Qp	0	0	10.1	31.53	59.51	-27.98	-	-
6	.33	7.83	Ca	0	0	10.1	17.93	-	-	49.45	-31.52
7	.753	22.53	Qp	0	0	10.1	32.63	56	-23.37	-	-
8	.75075	16.71	Ca	0	0	10.1	26.81	-	-	46	-19.19
9	1.41675	13.5	Qp	0	.1	10.1	23.7	56	-32.3	-	-
10	1.4055	7.05	Ca	0	0	10.1	17.15	-	-	46	-28.85
11	2.2785	14.01	Qp	0	.1	10.1	24.21	56	-31.79	-	-
12	2.2605	7.7	Ca	0	.1	10.1	17.9	-	-	46	-28.1

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	29.14	Qp	0	0	10.1	39.24	65.17	-25.93	-	-
14	.16575	12.34	Ca	0	0	10.1	22.44	-	-	55.17	-32.73
15	.24675	26.06	Qp	0	0	10.1	36.16	61.87	-25.71	-	-
16	.249	9.97	Ca	0	0	10.1	20.07	-	-	51.79	-31.72
17	.32775	22.28	Qp	0	0	10.1	32.38	59.51	-27.13	-	-
18	.33	7.32	Ca	0	0	10.1	17.42	-	-	49.45	-32.03
19	.75525	21.85	Qp	0	0	10.1	31.95	56	-24.05	-	-
20	.753	16.81	Ca	0	0	10.1	26.91	-	-	46	-19.09
21	1.42125	13.6	Qp	0	.1	10.1	23.8	56	-32.2	-	-
22	1.42125	7.86	Ca	0	.1	10.1	18.06	-	-	46	-27.94
23	2.2875	14.37	Qp	0	.1	10.1	24.57	56	-31.43	-	-
24	2.2875	8.42	Ca	0	.1	10.1	18.62	-	-	46	-27.38

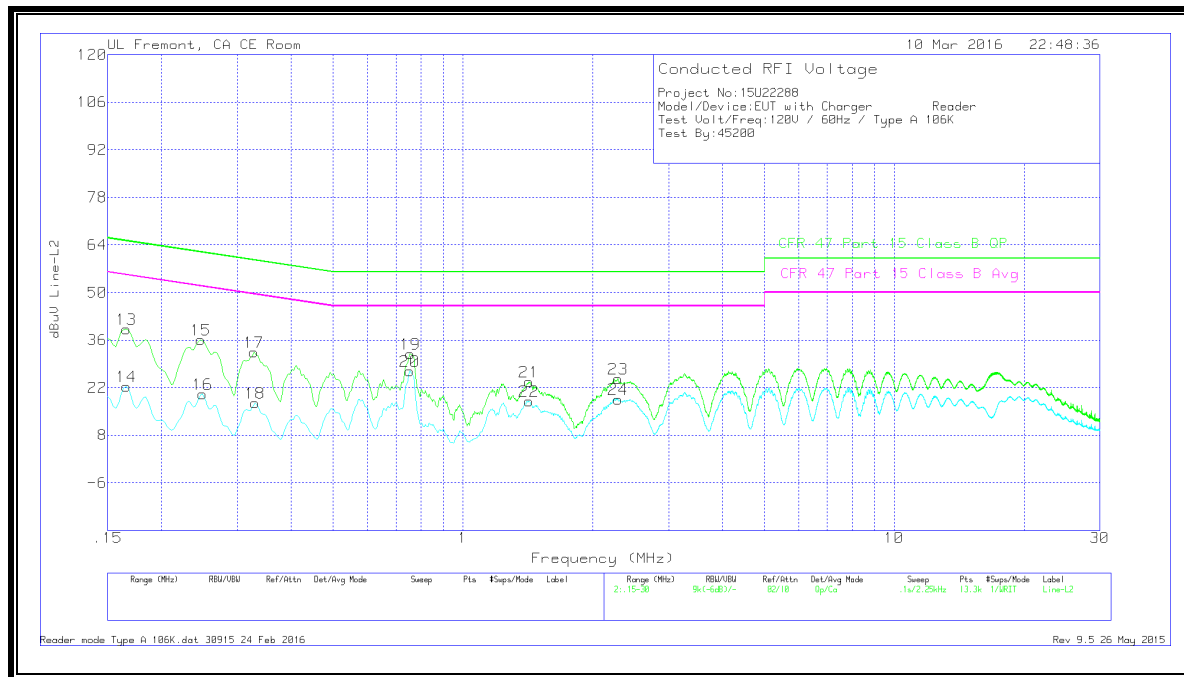
Qp - Quasi-Peak detector

Ca - CISPR average detection

LINE 1 RESULTS



LINE 2 RESULTS



9.5. READER MODE TYPE B

9.5.1. NORMAL OPERATION, 848 KBPS

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	.16575	24.03	Qp	1.2	0	10.1	35.33	65.17	-29.84	-	-
2	.16575	8.1	Ca	1.2	0	10.1	19.4	-	-	55.17	-35.77
3	.195	21.36	Qp	1	0	10.1	32.46	63.82	-31.36	-	-
4	.195	5.67	Ca	1	0	10.1	16.77	-	-	53.82	-37.05
5	.249	20.24	Qp	.7	0	10.1	31.04	61.79	-30.75	-	-
6	.249	4.34	Ca	.7	0	10.1	15.14	-	-	51.79	-36.65
7	.3345	17.22	Qp	.5	0	10.1	27.82	59.34	-31.52	-	-
8	.33225	1.73	Ca	.5	0	10.1	12.33	-	-	49.39	-37.06
9	.789	24.81	Qp	.3	0	10.1	35.21	56	-20.79	-	-
10	.7845	15.22	Ca	.3	0	10.1	25.62	-	-	46	-20.38
11	13.56	41.53	Qp	.2	.2	10.2	52.13	60	-7.87	-	-
12	13.56	38.95	Ca	.2	.2	10.2	49.55	-	-	50	-45

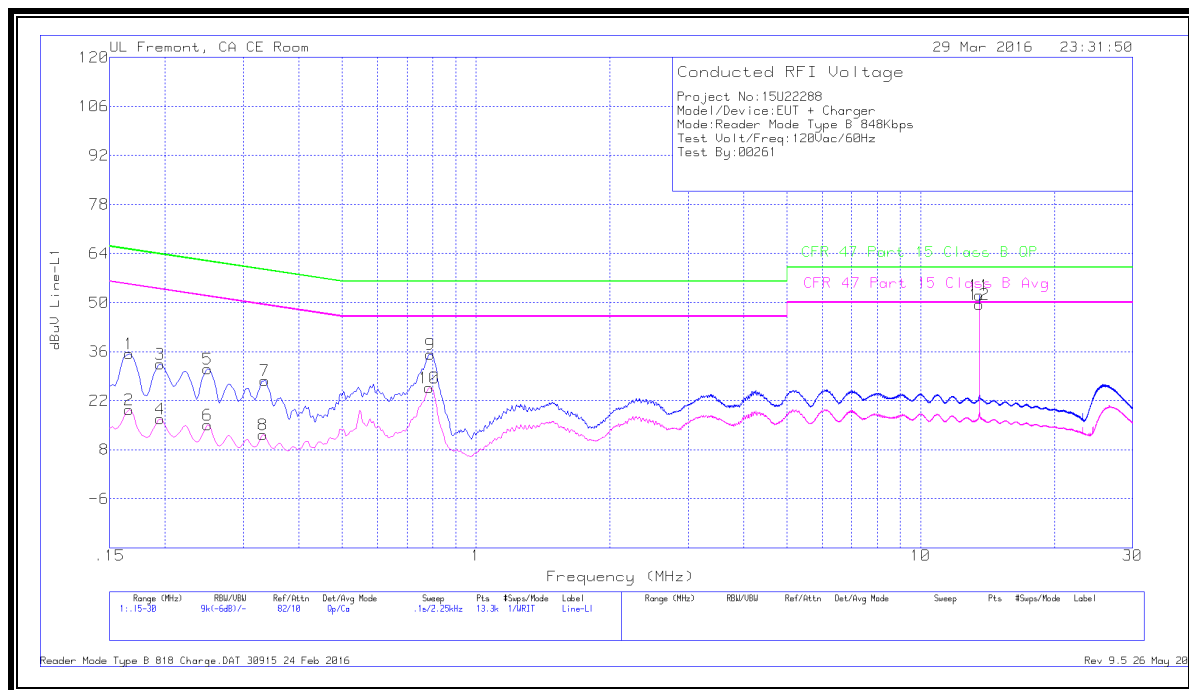
Range 2: Line-L2 .15 - 30MHz											
Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	T24 IL L2	LC Cables 2&3	Limiter (dB)	Corrected Reading dBuV	CFR 47 Part 15 Class B QP	QP Margin (dB)	CFR 47 Part 15 Class B Avg	Av(CISPR) Margin (dB)
13	.16575	24.23	Qp	1.3	0	10.1	35.63	65.17	-29.54	-	-
14	.16575	8.98	Ca	1.3	0	10.1	20.38	-	-	55.17	-34.79
15	.19275	19.55	Qp	1.1	0	10.1	30.75	63.92	-33.17	-	-
16	.195	5.79	Ca	1	0	10.1	16.89	-	-	53.82	-36.93
17	.249	19.1	Qp	.7	0	10.1	29.9	61.79	-31.89	-	-
18	.249	7.1	Ca	.7	0	10.1	17.9	-	-	51.79	-33.89
19	.33	14.3	Qp	.5	0	10.1	24.9	59.45	-34.55	-	-
20	.33225	4.54	Ca	.5	0	10.1	15.14	-	-	49.39	-34.25
21	.79125	25.13	Qp	.3	0	10.1	35.53	56	-20.47	-	-
22	.798	16.53	Ca	.3	0	10.1	26.93	-	-	46	-19.07
23	13.56	37.48	Qp	.2	.2	10.2	48.08	60	-11.92	-	-
24	13.56	36.72	Ca	.2	.2	10.2	47.32	-	-	50	-2.68

Qp - Quasi-Peak detector

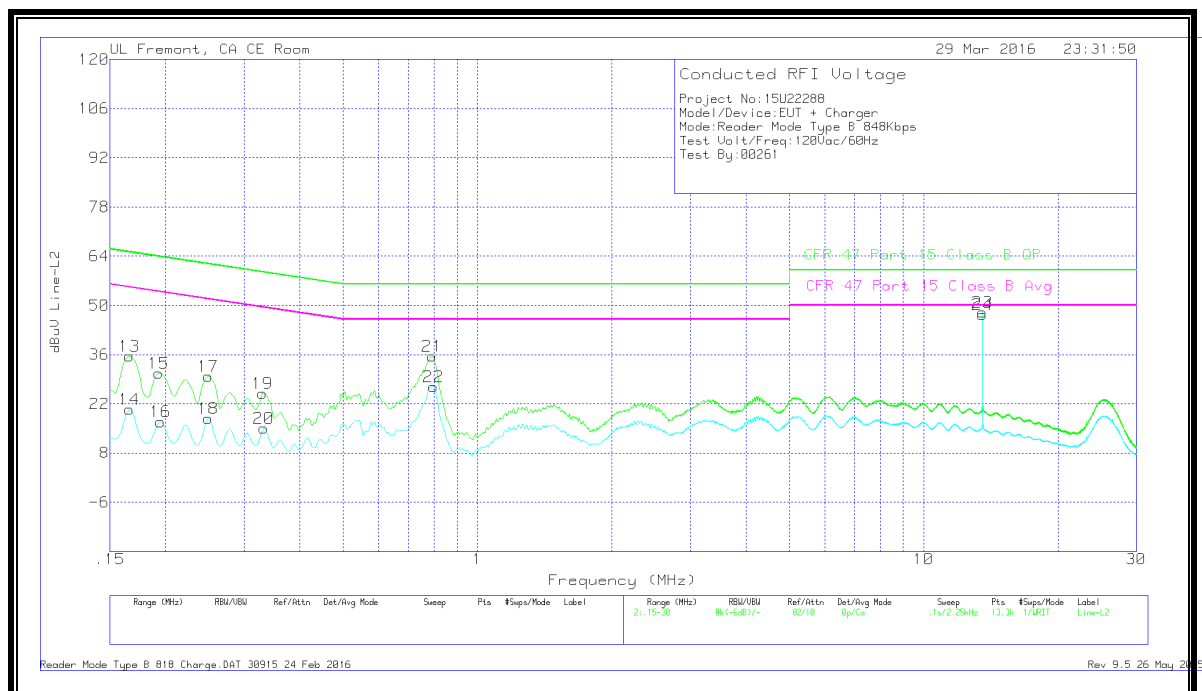
Ca - CISPR average detection

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



9.5.2. WITH ANTENNA PORT TERMINATED, 848 KBPS

WORST EMISSIONS

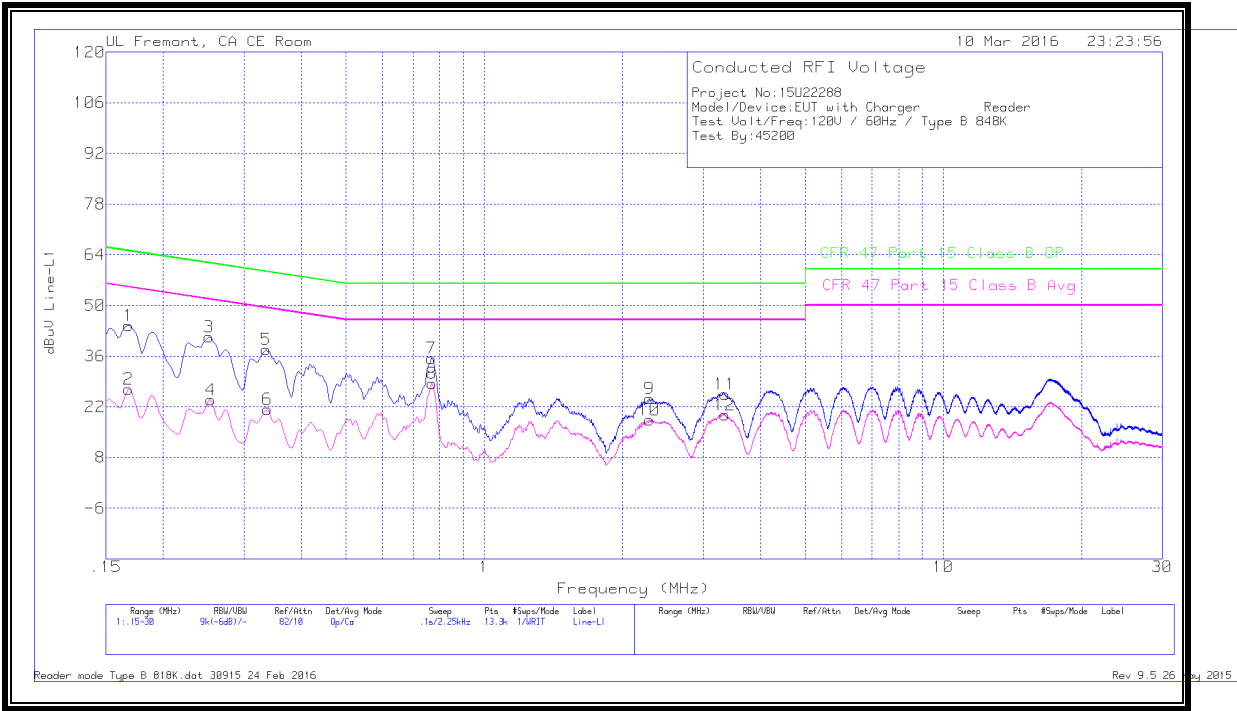
Range 1: Line-L1 .15 - 30MHz											
Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	T1310 IL L1	LC Cables 1&3	Limiter (dB)	Corrected Reading dBuV	CFR 47 Part 15 Class B QP	QP Margin (dB)	CFR 47 Part 15 Class B Avg	Av(CISPR) Margin (dB)
1	.168	34.41	Qp	0	0	10.1	44.51	65.06	-20.55	-	-
2	.168	16.75	Ca	0	0	10.1	26.85	-	-	55.06	-28.21
3	.25125	31.2	Qp	0	0	10.1	41.3	61.72	-20.42	-	-
4	.2535	13.89	Ca	0	0	10.1	23.99	-	-	51.64	-27.65
5	.3345	27.66	Qp	0	0	10.1	37.76	59.34	-21.58	-	-
6	.33675	11.18	Ca	0	0	10.1	21.28	-	-	49.28	-28
7	.7665	25.33	Qp	0	0	10.1	35.43	56	-20.57	-	-
8	.76875	18.3	Ca	0	0	10.1	28.4	-	-	46	-17.6
9	2.28975	14.11	Qp	0	.1	10.1	24.31	56	-31.69	-	-
10	2.2875	8.22	Ca	0	.1	10.1	18.42	-	-	46	-27.58
11	3.34275	15.25	Qp	0	.1	10.1	25.45	56	-30.55	-	-
12	3.34275	9.62	Ca	0	.1	10.1	19.82	-	-	46	-26.18

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	35.46	Qp	0	0	10.1	45.56	65.06	-19.5	-	-
14	.168	17.42	Ca	0	0	10.1	27.52	-	-	55.06	-27.54
15	.25125	31.79	Qp	0	0	10.1	41.89	61.72	-19.83	-	-
16	.2535	13.93	Ca	0	0	10.1	24.03	-	-	51.64	-27.61
17	.3345	27.46	Qp	0	0	10.1	37.56	59.34	-21.78	-	-
18	.33675	10.18	Ca	0	0	10.1	20.28	-	-	49.28	-29
19	.7665	25.46	Qp	0	0	10.1	35.56	56	-20.44	-	-
20	.7665	18.29	Ca	0	0	10.1	28.39	-	-	46	-17.61
21	2.3235	14.41	Qp	0	.1	10.1	24.61	56	-31.39	-	-
22	2.30775	8.98	Ca	0	.1	10.1	19.18	-	-	46	-26.82
23	3.34275	15.9	Qp	0	.1	10.1	26.1	56	-29.9	-	-
24	3.34275	10.6	Ca	0	.1	10.1	20.8	-	-	46	-25.2

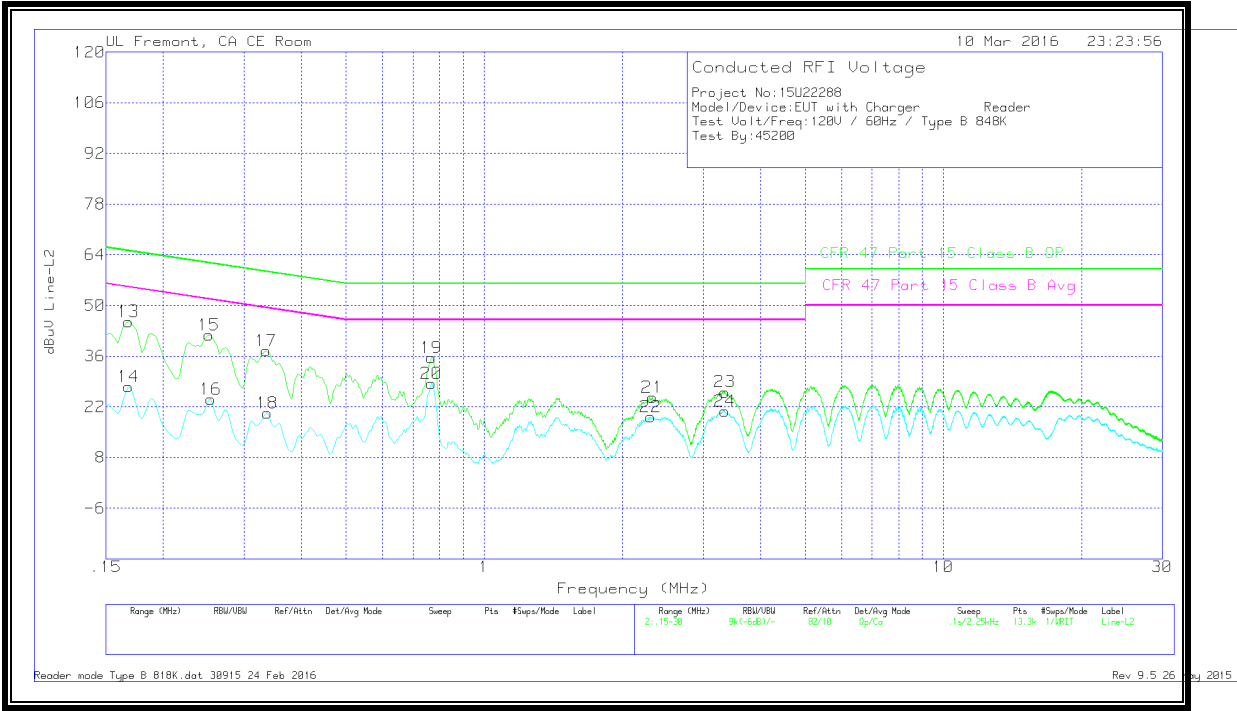
Qp - Quasi-Peak detector

Ca - CISPR average detection

LINE 1 RESULTS



LINE 2 RESULTS



9.5.3. NORMAL OPERATION, 424 KBPS

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	.16575	23.92	Qp	1.2	0	10.1	35.22	65.17	-29.95	-	-
2	.16575	7.57	Ca	1.2	0	10.1	18.87	-	-	55.17	-36.3
3	.195	21.1	Qp	1	0	10.1	32.2	63.82	-31.62	-	-
4	.195	5.21	Ca	1	0	10.1	16.31	-	-	53.82	-37.51
5	.249	20.03	Qp	.7	0	10.1	30.83	61.79	-30.96	-	-
6	.249	3.98	Ca	.7	0	10.1	14.78	-	-	51.79	-37.01
7	.3345	16.88	Qp	.5	0	10.1	27.48	59.34	-31.86	-	-
8	.33225	1.49	Ca	.5	0	10.1	12.09	-	-	49.39	-37.3
9	.789	24.87	Qp	.3	0	10.1	35.27	56	-20.73	-	-
10	.789	15.11	Ca	.3	0	10.1	25.51	-	-	46	-20.49
11	13.56	43.18	Qp	.2	.2	10.2	53.78	60	-6.22	-	-
12	13.56	40.5	Ca	.2	.2	10.2	51.1	-	-	50	1.1

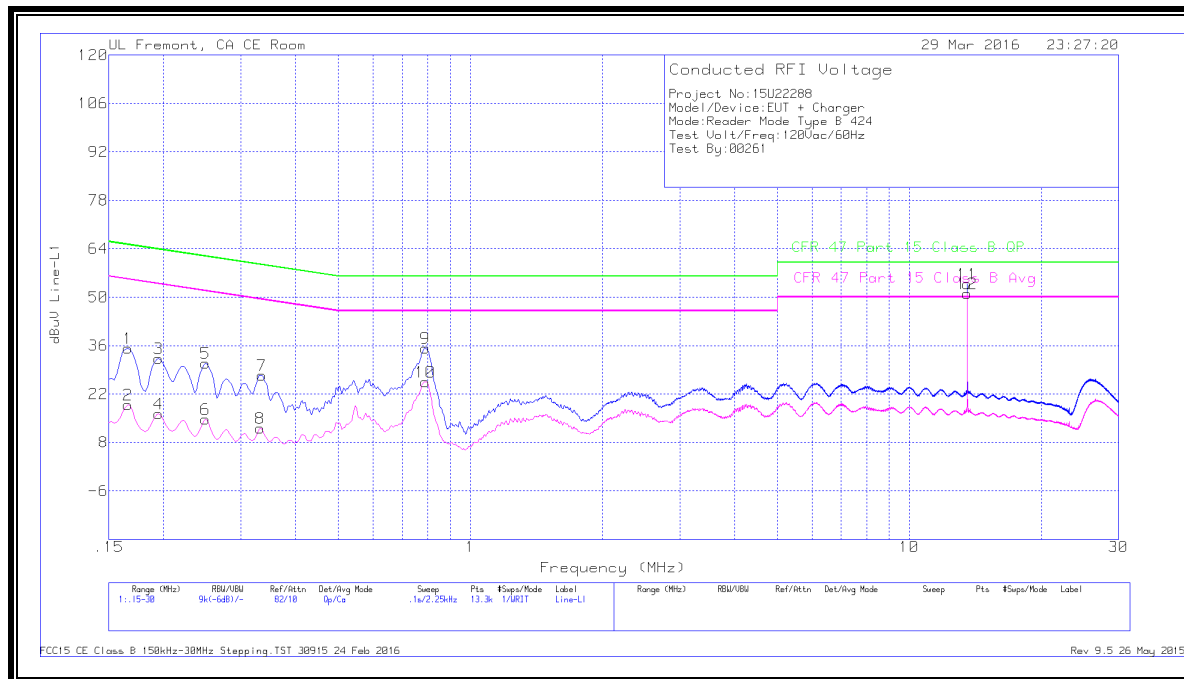
Range 2: Line-L2 .15 - 30MHz											
Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	T24 IL L2	LC Cables 2&3	Limiter (dB)	Corrected Reading dBuV	CFR 47 Part 15 Class B QP	QP Margin (dB)	CFR 47 Part 15 Class B Avg	Av(CISPR) Margin (dB)
13	.16575	24.31	Qp	1.3	0	10.1	35.71	65.17	-29.46	-	-
14	.16575	8.84	Ca	1.3	0	10.1	20.24	-	-	55.17	-34.93
15	.19275	19.54	Qp	1.1	0	10.1	30.74	63.92	-33.18	-	-
16	.195	5.65	Ca	1	0	10.1	16.75	-	-	53.82	-37.07
17	.249	19.21	Qp	.7	0	10.1	30.01	61.79	-31.78	-	-
18	.249	6.97	Ca	.7	0	10.1	17.77	-	-	51.79	-34.02
19	.33337	14.52	Qp	.5	0	10.1	25.12	59.37	-34.25	-	-
20	.33225	4.45	Ca	.5	0	10.1	15.05	-	-	49.39	-34.34
21	.798	24.65	Qp	.3	0	10.1	35.05	56	-20.95	-	-
22	.798	16.52	Ca	.3	0	10.1	26.92	-	-	46	-19.08
23	13.56	39.21	Qp	.2	.2	10.2	49.81	60	-10.19	-	-
24	13.56	38.31	Ca	.2	.2	10.2	48.91	-	-	50	-1.09

Qp - Quasi-Peak detector

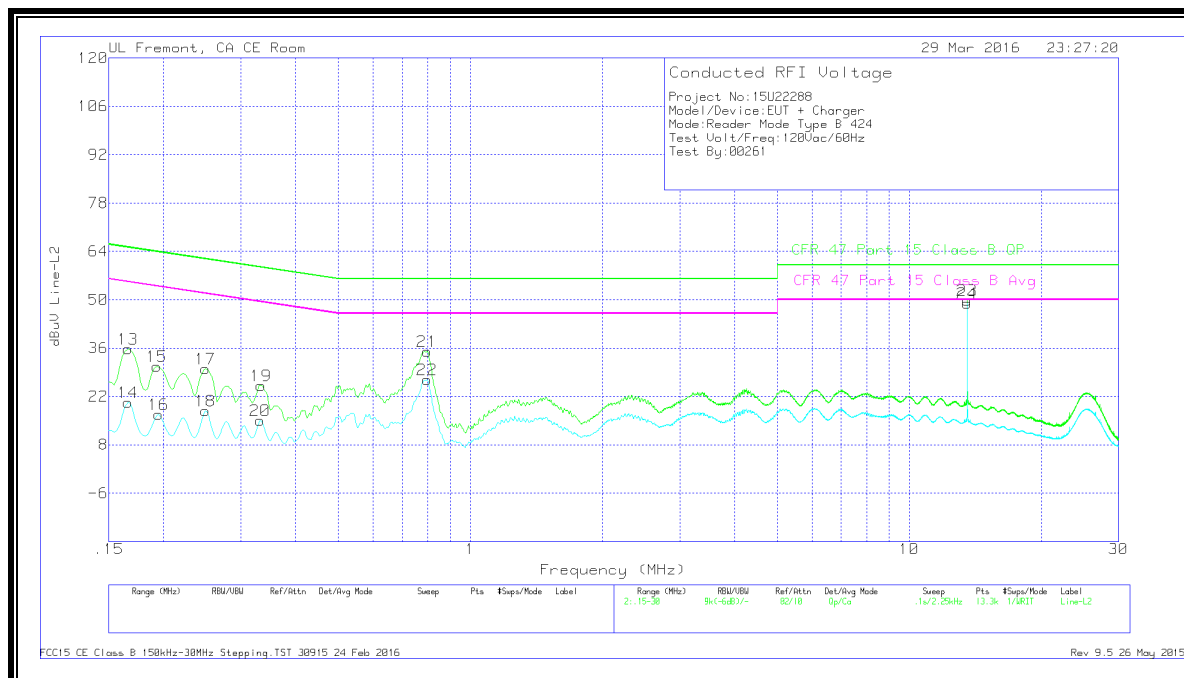
Ca - CISPR average detection

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



9.5.4. WITH ANTENNA PORT TERMINATED, 424 KBPS

WORST EMISSIONS

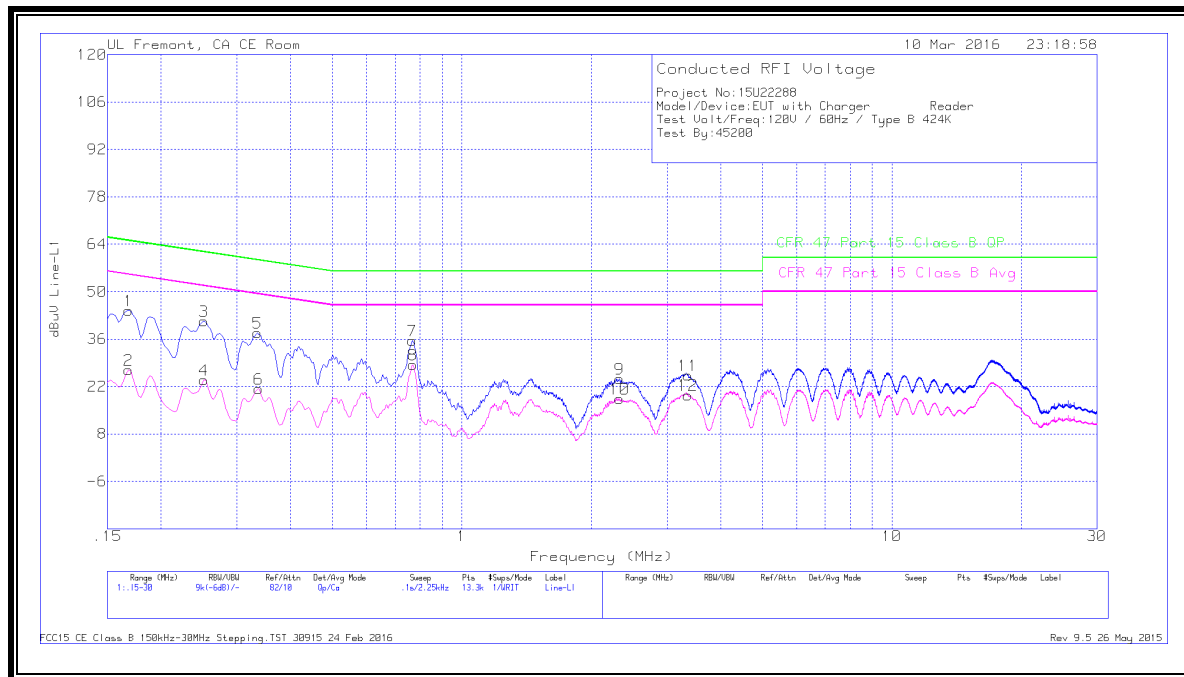
Range 1: Line-L1 .15 - 30MHz											
Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	T1310 IL L1	LC Cables 1&3	Limiter (dB)	Corrected Reading dBuV	CFR 47 Part 15 Class B QP	QP Margin (dB)	CFR 47 Part 15 Class B Avg	Av(CISPR) Margin (dB)
1	.168	34.39	Qp	0	0	10.1	44.49	65.06	-20.57	-	-
2	.168	16.82	Ca	0	0	10.1	26.92	-	-	55.06	-28.14
3	.25125	31.19	Qp	0	0	10.1	41.29	61.72	-20.43	-	-
4	.25125	13.87	Ca	0	0	10.1	23.97	-	-	51.72	-27.75
5	.3345	27.66	Qp	0	0	10.1	37.76	59.34	-21.58	-	-
6	.33675	11.17	Ca	0	0	10.1	21.27	-	-	49.28	-28.01
7	.7665	25.41	Qp	0	0	10.1	35.51	56	-20.49	-	-
8	.76875	18.27	Ca	0	0	10.1	28.37	-	-	46	-17.63
9	2.328	14.02	Qp	0	.1	10.1	24.22	56	-31.78	-	-
10	2.328	8.13	Ca	0	.1	10.1	18.33	-	-	46	-27.67
11	3.3585	15.18	Qp	0	.1	10.1	25.38	56	-30.62	-	-
12	3.3585	9.29	Ca	0	.1	10.1	19.49	-	-	46	-26.51

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	CFR 47 Part 15 Class B QP	QP Margin (dB)	CFR 47 Part 15 Class B Avg	Av(CISPR) Margin (dB)
13	.168	35.39	Qp	0	0	10.1	45.49	65.06	-19.57	-	-
14	.168	17.45	Ca	0	0	10.1	27.55	-	-	55.06	-27.51
15	.25125	31.72	Qp	0	0	10.1	41.82	61.72	-19.9	-	-
16	.2535	13.97	Ca	0	0	10.1	24.07	-	-	51.64	-27.57
17	.3345	27.41	Qp	0	0	10.1	37.51	59.34	-21.83	-	-
18	.33675	10.2	Ca	0	0	10.1	20.3	-	-	49.28	-28.98
19	.76875	25.55	Qp	0	0	10.1	35.65	56	-20.35	-	-
20	.7665	18.39	Ca	0	0	10.1	28.49	-	-	46	-17.51
21	2.346	13.82	Qp	0	.1	10.1	24.02	56	-31.98	-	-
22	2.34825	8.83	Ca	0	.1	10.1	19.03	-	-	46	-26.97
23	3.3225	16.11	Qp	0	.1	10.1	26.31	56	-29.69	-	-
24	3.3225	10.78	Ca	0	.1	10.1	20.98	-	-	46	-25.02

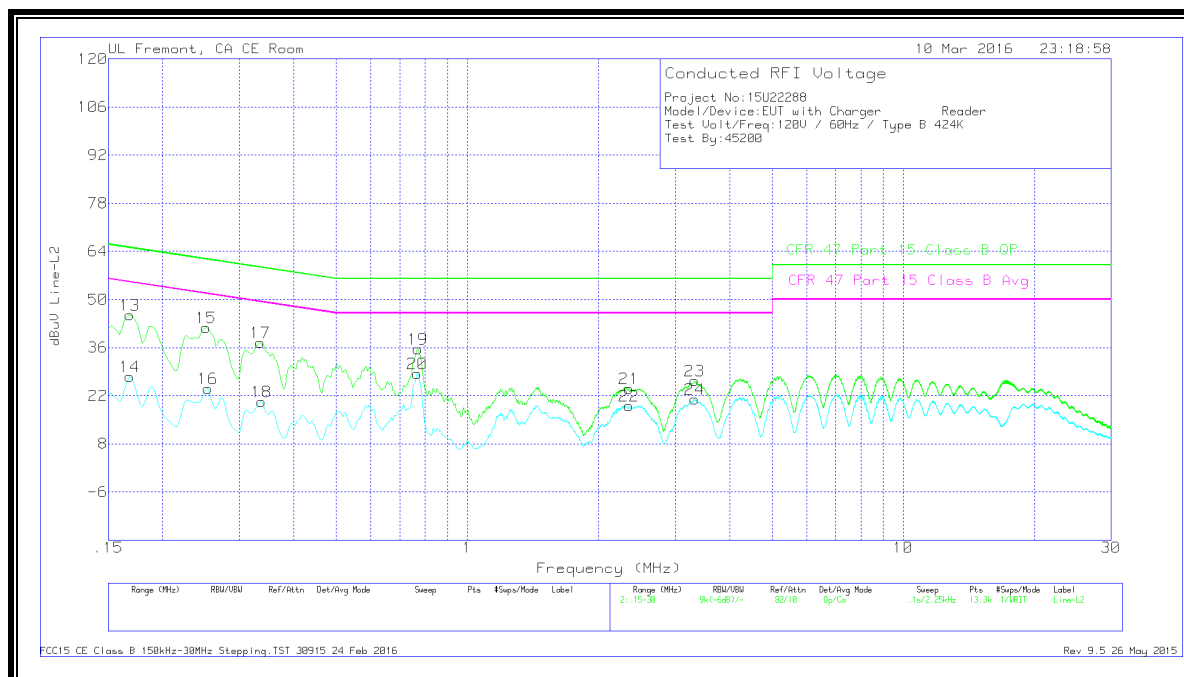
Qp - Quasi-Peak detector

Ca - CISPR average detection

LINE 1 RESULTS



LINE 2 RESULTS



9.5.5. NORMAL OPERATION, 212 KBPS

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	.16575	24.04	Qp	1.2	0	10.1	35.34	65.17	-29.83	-	-
2	.16575	7.91	Ca	1.2	0	10.1	19.21	-	-	55.17	-35.96
3	.195	21.32	Qp	1	0	10.1	32.42	63.82	-31.4	-	-
4	.195	5.61	Ca	1	0	10.1	16.71	-	-	53.82	-37.11
5	.249	20.23	Qp	.7	0	10.1	31.03	61.79	-30.76	-	-
6	.249	4.21	Ca	.7	0	10.1	15.01	-	-	51.79	-36.78
7	.3345	16.97	Qp	.5	0	10.1	27.57	59.34	-31.77	-	-
8	.33225	1.59	Ca	.5	0	10.1	12.19	-	-	49.39	-37.2
9	.79125	24.79	Qp	.3	0	10.1	35.19	56	-20.81	-	-
10	.7845	15.19	Ca	.3	0	10.1	25.59	-	-	46	-20.41
11	13.56	43.32	Qp	.2	.2	10.2	53.92	60	-6.08	-	-
12	13.56	40.55	Ca	.2	.2	10.2	51.15	-	-	50	1.15

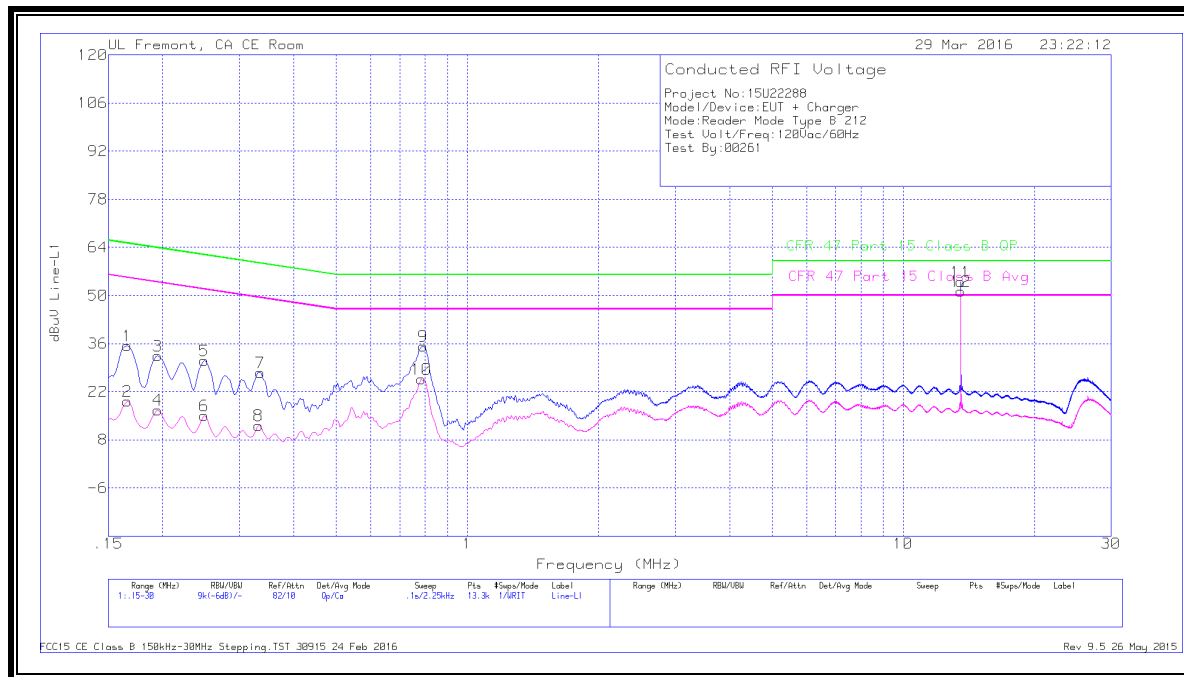
Range 2: Line-L2 .15 - 30MHz											
Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	T24 IL L2	LC Cables 2&3	Limiter (dB)	Corrected Reading dBuV	CFR 47 Part 15 Class B QP	QP Margin (dB)	CFR 47 Part 15 Class B Avg	Av(CISPR) Margin (dB)
13	.16575	24.42	Qp	1.3	0	10.1	35.82	65.17	-29.35	-	-
14	.16575	8.9	Ca	1.3	0	10.1	20.3	-	-	55.17	-34.87
15	.19275	19.61	Qp	1.1	0	10.1	30.81	63.92	-33.11	-	-
16	.195	5.8	Ca	1	0	10.1	16.9	-	-	53.82	-36.92
17	.249	19.27	Qp	.7	0	10.1	30.07	61.79	-31.72	-	-
18	.249	7.06	Ca	.7	0	10.1	17.86	-	-	51.79	-33.93
19	.33225	14.59	Qp	.5	0	10.1	25.19	59.39	-34.2	-	-
20	.33225	4.58	Ca	.5	0	10.1	15.18	-	-	49.39	-34.21
21	.7935	24.91	Qp	.3	0	10.1	35.31	56	-20.69	-	-
22	.79575	16.58	Ca	.3	0	10.1	26.98	-	-	46	-19.02
23	13.56	39.43	Qp	.2	.2	10.2	50.03	60	-9.97	-	-
24	13.56	38.39	Ca	.2	.2	10.2	48.99	-	-	50	-1.01

Qp - Quasi-Peak detector

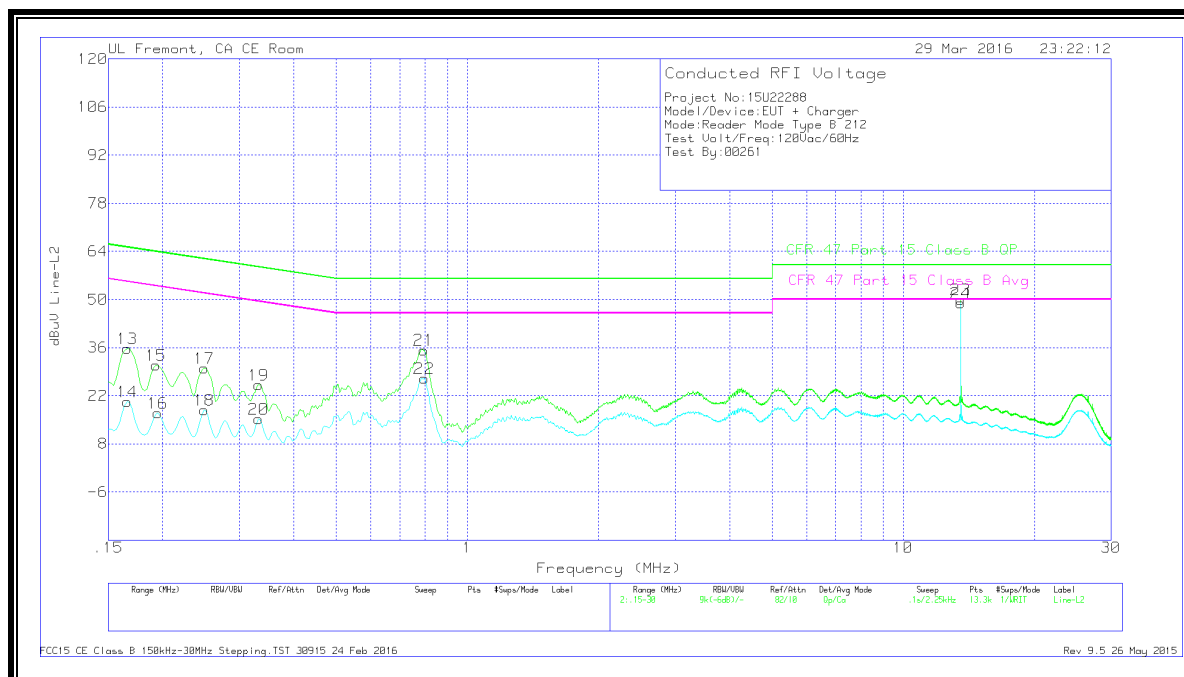
Ca - CISPR average detection

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



9.5.6. WITH ANTENNA PORT TERMINATED, 212 KBPS

WORST EMISSIONS

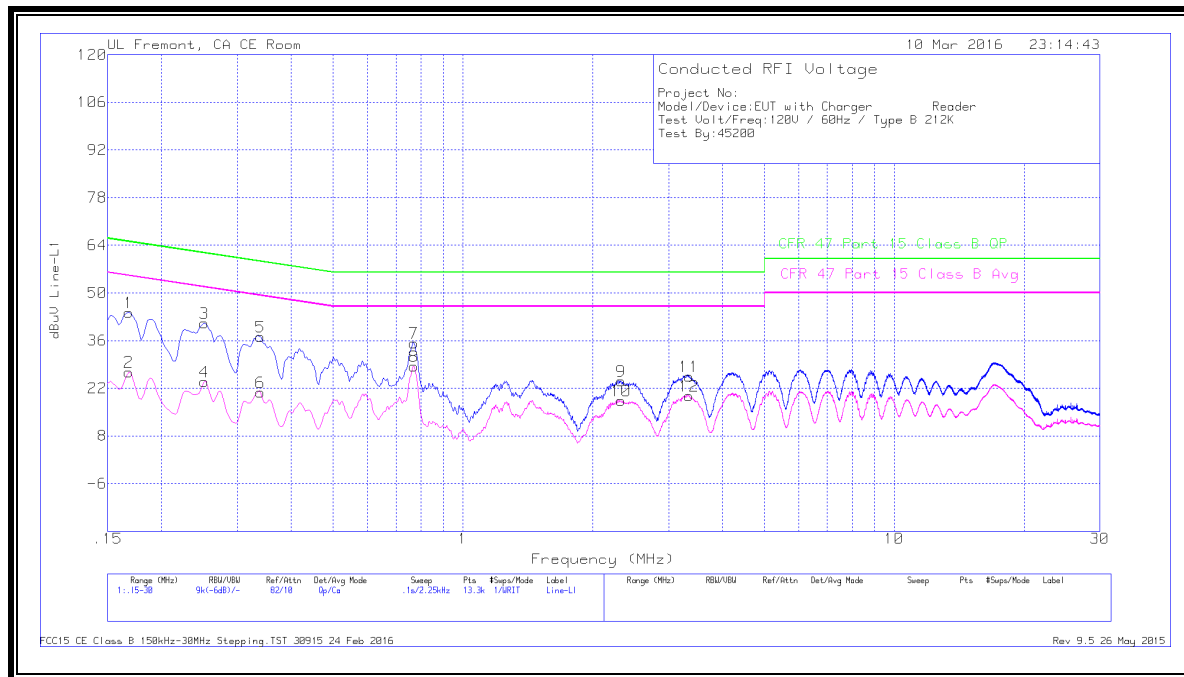
Range 1: Line-L1 .15 - 30MHz											
Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	T1310 IL L1	LC Cables 1&3	Limiter (dB)	Corrected Reading dBuV	CFR 47 Part 15 Class B QP	QP Margin (dB)	CFR 47 Part 15 Class B Avg	Av(CISPR) Margin (dB)
1	.168	34.22	Qp	0	0	10.1	44.32	65.06	-20.74	-	-
2	.168	16.69	Ca	0	0	10.1	26.79	-	-	55.06	-28.27
3	.25125	31.05	Qp	0	0	10.1	41.15	61.72	-20.57	-	-
4	.25125	13.78	Ca	0	0	10.1	23.88	-	-	51.72	-27.84
5	.339	27.03	Qp	0	0	10.1	37.13	59.23	-22.1	-	-
6	.339	10.68	Ca	0	0	10.1	20.78	-	-	49.23	-28.45
7	.76875	25.21	Qp	0	0	10.1	35.31	56	-20.69	-	-
8	.76875	18.37	Ca	0	0	10.1	28.47	-	-	46	-17.53
9	2.32688	13.93	Qp	0	.1	10.1	24.13	56	-31.87	-	-
10	2.32575	8.18	Ca	0	.1	10.1	18.38	-	-	46	-27.62
11	3.34725	15.27	Qp	0	.1	10.1	25.47	56	-30.53	-	-
12	3.34275	9.56	Ca	0	.1	10.1	19.76	-	-	46	-26.24

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	35.25	Qp	0	0	10.1	45.35	65.06	-19.71	-	-
14	.168	17.42	Ca	0	0	10.1	27.52	-	-	55.06	-27.54
15	.25125	31.57	Qp	0	0	10.1	41.67	61.72	-20.05	-	-
16	.2535	13.88	Ca	0	0	10.1	23.98	-	-	51.64	-27.66
17	.3345	27.24	Qp	0	0	10.1	37.34	59.34	-22	-	-
18	.33675	10.14	Ca	0	0	10.1	20.24	-	-	49.28	-29.04
19	.7665	25.58	Qp	0	0	10.1	35.68	56	-20.32	-	-
20	.7665	18.25	Ca	0	0	10.1	28.35	-	-	46	-17.65
21	2.32575	14.35	Qp	0	.1	10.1	24.55	56	-31.45	-	-
22	2.32575	8.96	Ca	0	.1	10.1	19.16	-	-	46	-26.84
23	3.30338	15.75	Qp	0	.1	10.1	25.95	56	-30.05	-	-
24	3.3	10.54	Ca	0	.1	10.1	20.74	-	-	46	-25.26

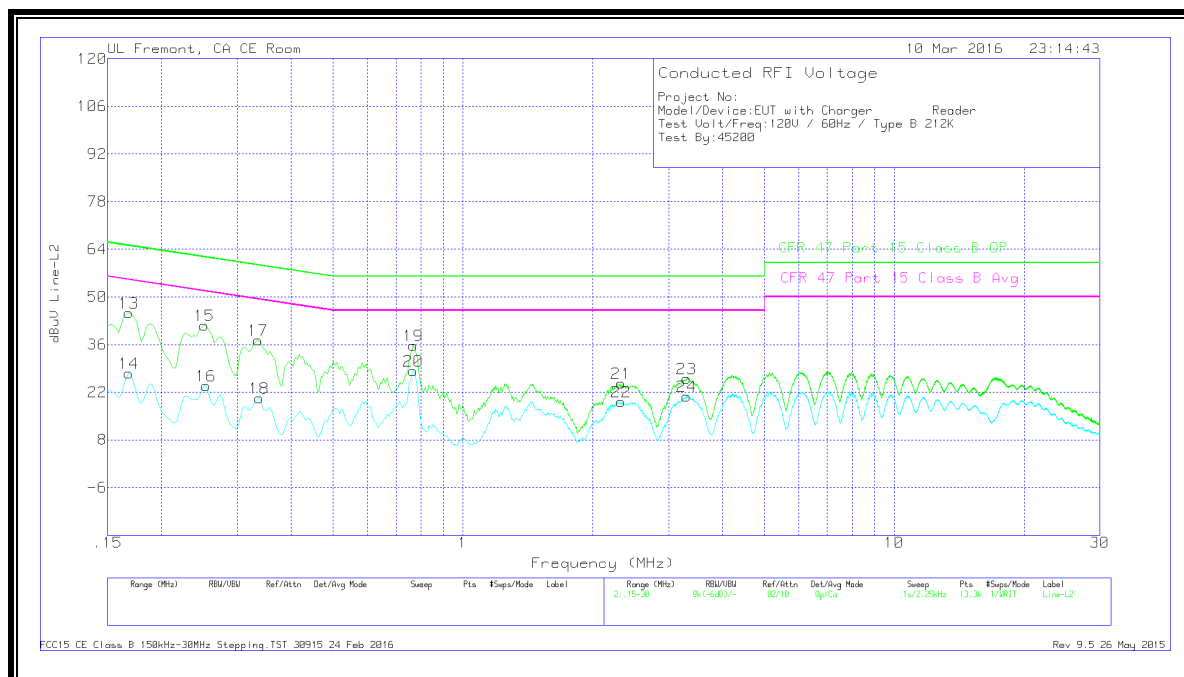
Qp - Quasi-Peak detector

Ca - CISPR average detection

LINE 1 RESULTS



LINE 2 RESULTS



9.5.7. NORMAL OPERATION, 106 KBPS

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	.16575	23.97	Qp	1.2	0	10.1	35.27	65.17	-29.9	-	-
2	.16575	7.82	Ca	1.2	0	10.1	19.12	-	-	55.17	-36.05
3	.195	21.26	Qp	1	0	10.1	32.36	63.82	-31.46	-	-
4	.195	5.54	Ca	1	0	10.1	16.64	-	-	53.82	-37.18
5	.249	20.23	Qp	.7	0	10.1	31.03	61.79	-30.76	-	-
6	.249	4.15	Ca	.7	0	10.1	14.95	-	-	51.79	-36.84
7	.3345	17.05	Qp	.5	0	10.1	27.65	59.34	-31.69	-	-
8	.33225	1.58	Ca	.5	0	10.1	12.18	-	-	49.39	-37.21
9	.78675	24.92	Qp	.3	0	10.1	35.32	56	-20.68	-	-
10	.7845	15.22	Ca	.3	0	10.1	25.62	-	-	46	-20.38
11	13.56	44.27	Qp	.2	.2	10.2	54.87	60	-5.13	-	-
12	13.56	41.41	Ca	.2	.2	10.2	52.01	-	-	50	2.01

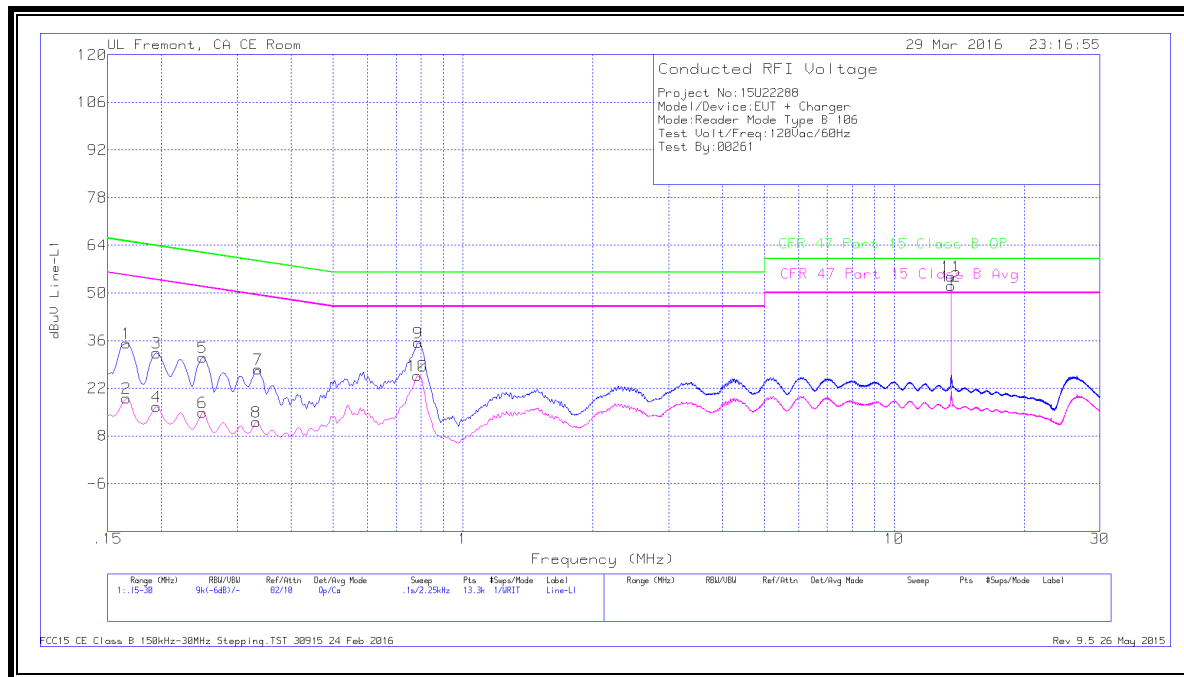
Range 2: Line-L2 .15 - 30MHz											
Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	T24 IL L2	LC Cables 2&3	Limiter (dB)	Corrected Reading dBuV	CFR 47 Part 15 Class B QP	QP Margin (dB)	CFR 47 Part 15 Class B Avg	Av(CISPR) Margin (dB)
13	.16575	24.32	Qp	1.3	0	10.1	35.72	65.17	-29.45	-	-
14	.16575	8.67	Ca	1.3	0	10.1	20.07	-	-	55.17	-35.1
15	.19275	19.57	Qp	1.1	0	10.1	30.77	63.92	-33.15	-	-
16	.195	5.53	Ca	1	0	10.1	16.63	-	-	53.82	-37.19
17	.249	19.29	Qp	.7	0	10.1	30.09	61.79	-31.7	-	-
18	.249	6.92	Ca	.7	0	10.1	17.72	-	-	51.79	-34.07
19	.3345	14.69	Qp	.5	0	10.1	25.29	59.34	-34.05	-	-
20	.33225	4.48	Ca	.5	0	10.1	15.08	-	-	49.39	-34.31
21	.79575	24.79	Qp	.3	0	10.1	35.19	56	-20.81	-	-
22	.798	16.56	Ca	.3	0	10.1	26.96	-	-	46	-19.04
23	13.56	40.43	Qp	.2	.2	10.2	51.03	60	-8.97	-	-
24	13.56	39.28	Ca	.2	.2	10.2	49.88	-	-	50	-1.12

Qp - Quasi-Peak detector

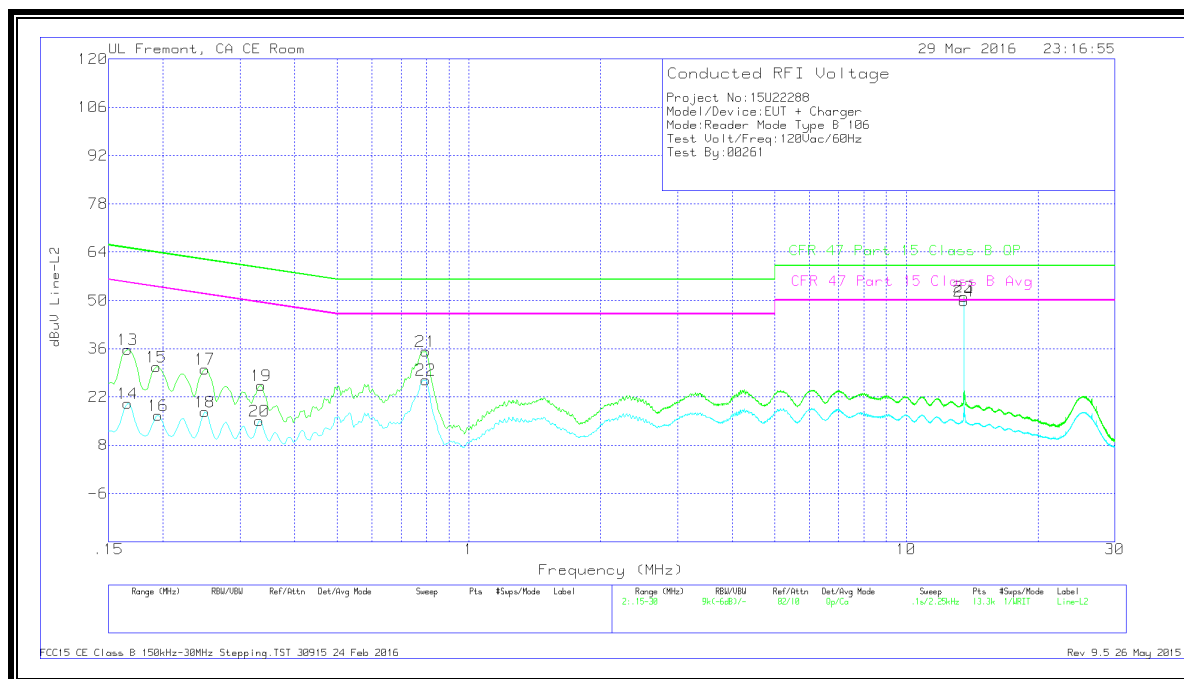
Ca - CISPR average detection

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



9.5.8. WITH ANTENNA PORT TERMINATED, 106 KBPS

WORST EMISSIONS

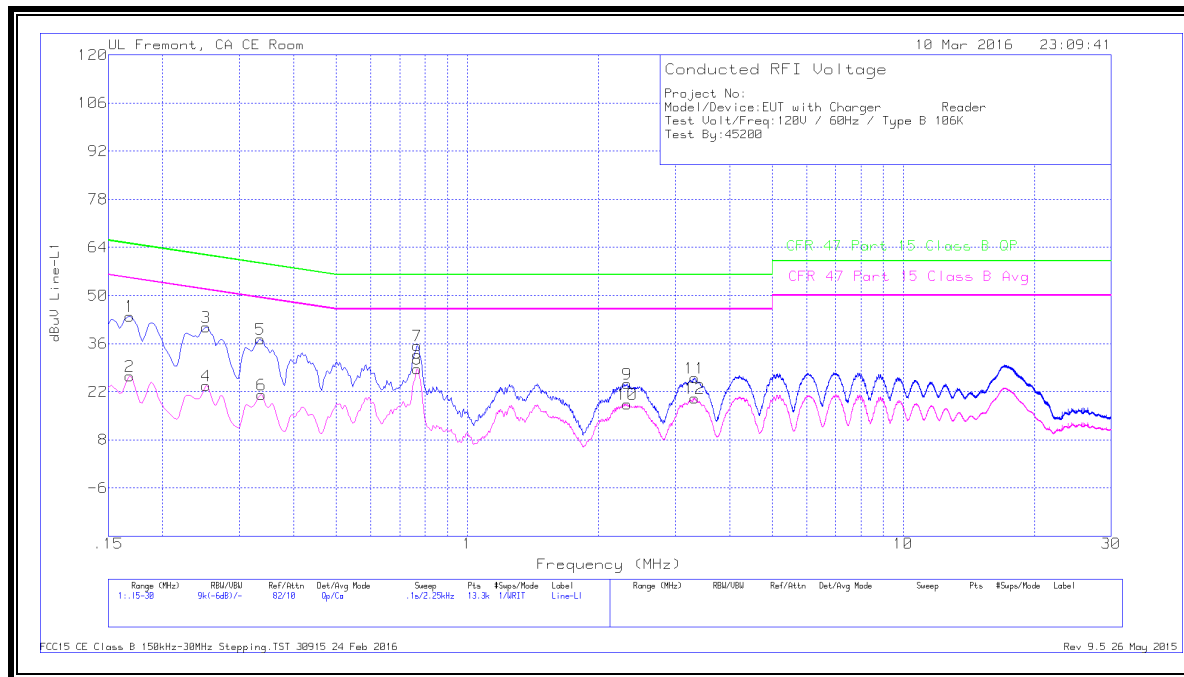
Range 1: Line-L1 .15 - 30MHz											
Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	T1310 IL L1	LC Cables 1&3	Limiter (dB)	Corrected Reading dBuV	CFR 47 Part 15 Class B QP	QP Margin (dB)	CFR 47 Part 15 Class B Avg	Av(CISPR) Margin (dB)
1	.168	33.9	Qp	0	0	10.1	44	65.06	-21.06	-	-
2	.168	16.51	Ca	0	0	10.1	26.61	-	-	55.06	-28.45
3	.25125	30.71	Qp	0	0	10.1	40.81	61.72	-20.91	-	-
4	.25125	13.68	Ca	0	0	10.1	23.78	-	-	51.72	-27.94
5	.3345	27.19	Qp	0	0	10.1	37.29	59.34	-22.05	-	-
6	.33675	11.04	Ca	0	0	10.1	21.14	-	-	49.28	-28.14
7	.7665	25.29	Qp	0	0	10.1	35.39	56	-20.61	-	-
8	.7665	18.44	Ca	0	0	10.1	28.54	-	-	46	-17.46
9	2.328	14.08	Qp	0	.1	10.1	24.28	56	-31.72	-	-
10	2.32463	8.12	Ca	0	.1	10.1	18.32	-	-	46	-27.68
11	3.327	15.81	Qp	0	.1	10.1	26.01	56	-29.99	-	-
12	3.3225	9.89	Ca	0	.1	10.1	20.09	-	-	46	-25.91

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	34.96	Qp	0	0	10.1	45.06	65.06	-20	-	-
14	.168	16.97	Ca	0	0	10.1	27.07	-	-	55.06	-27.99
15	.25125	31.25	Qp	0	0	10.1	41.35	61.72	-20.37	-	-
16	.25125	13.5	Ca	0	0	10.1	23.6	-	-	51.72	-28.12
17	.3345	26.91	Qp	0	0	10.1	37.01	59.34	-22.33	-	-
18	.33675	9.84	Ca	0	0	10.1	19.94	-	-	49.28	-29.34
19	.7665	25.36	Qp	0	0	10.1	35.46	56	-20.54	-	-
20	.7665	18.27	Ca	0	0	10.1	28.37	-	-	46	-17.63
21	2.3685	13.46	Qp	0	.1	10.1	23.66	56	-32.34	-	-
22	2.37188	8.36	Ca	0	.1	10.1	18.56	-	-	46	-27.44
23	3.354	15.4	Qp	0	.1	10.1	25.6	56	-30.4	-	-
24	3.354	10.06	Ca	0	.1	10.1	20.26	-	-	46	-25.74

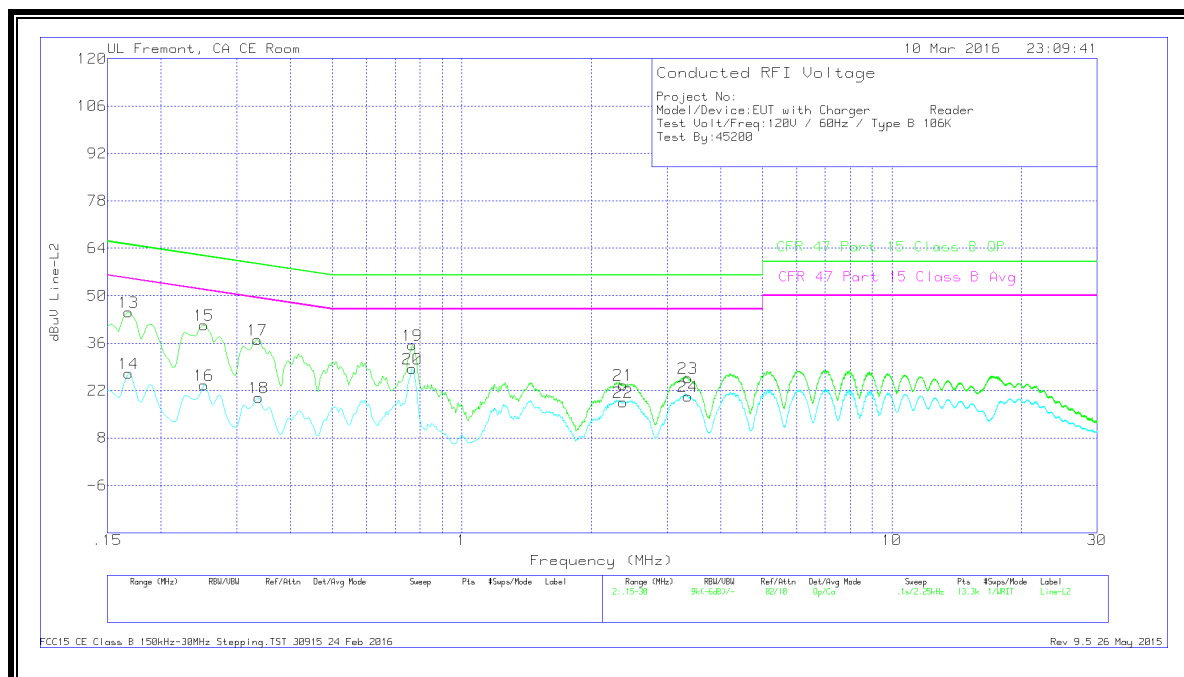
Qp - Quasi-Peak detector

Ca - CISPR average detection

LINE 1 RESULTS



LINE 2 RESULTS



9.6. READER MODE TYPE F

9.6.1. NORMAL OPERATION, 424 KBPS

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	.16575	24.44	Qp	1.2	0	10.1	35.74	65.17	-29.43	-	-
2	.16575	8.24	Ca	1.2	0	10.1	19.54	-	-	55.17	-35.63
3	.195	21.86	Qp	1	0	10.1	32.96	63.82	-30.86	-	-
4	.195	5.9	Ca	1	0	10.1	17	-	-	53.82	-36.82
5	.249	20.24	Qp	.7	0	10.1	31.04	61.79	-30.75	-	-
6	.249	4.29	Ca	.7	0	10.1	15.09	-	-	51.79	-36.7
7	.3345	16.87	Qp	.5	0	10.1	27.47	59.34	-31.87	-	-
8	.3345	1.59	Ca	.5	0	10.1	12.19	-	-	49.34	-37.15
9	.78675	25.27	Qp	.3	0	10.1	35.67	56	-20.33	-	-
10	.78675	15.49	Ca	.3	0	10.1	25.89	-	-	46	-20.11
11	13.56	42.58	Qp	.2	.2	10.2	53.18	60	-6.82	-	-
12	13.56	39.96	Ca	.2	.2	10.2	50.56	-	-	50	.56

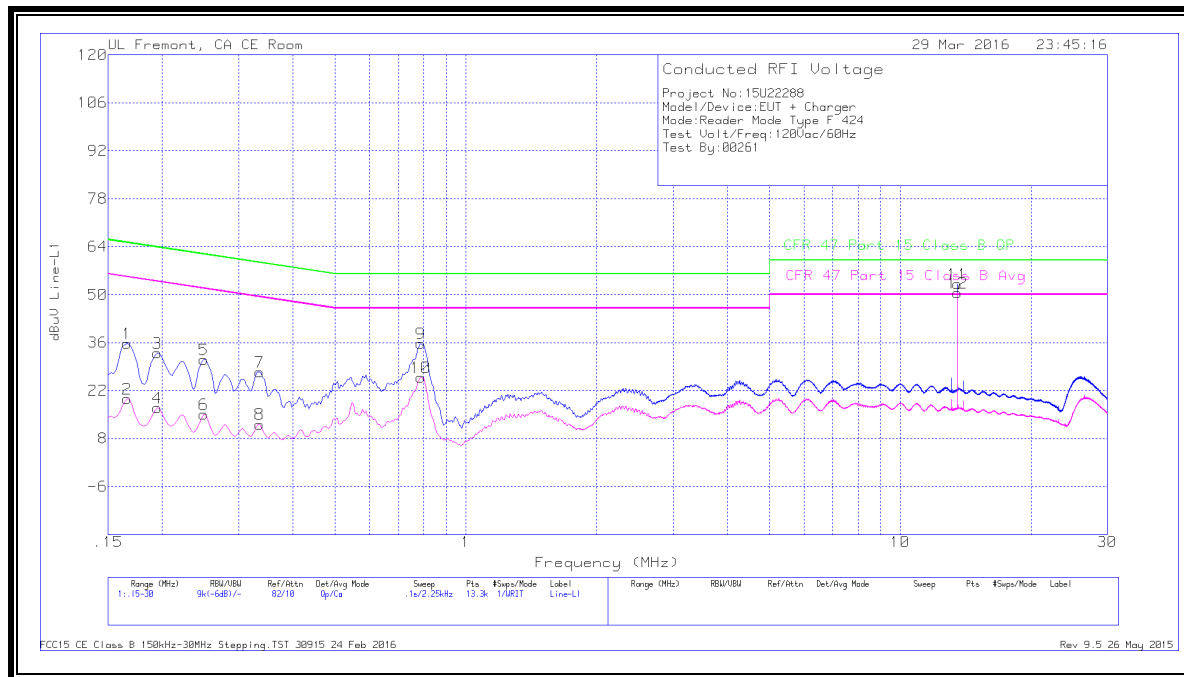
Range 2: Line-L2 .15 - 30MHz											
Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	T24 IL L2	LC Cables 2&3	Limiter (dB)	Corrected Reading dBuV	CFR 47 Part 15 Class B QP	QP Margin (dB)	CFR 47 Part 15 Class B Avg	Av(CISPR) Margin (dB)
13	.16575	24.83	Qp	1.3	0	10.1	36.23	65.17	-28.94	-	-
14	.16575	9.18	Ca	1.3	0	10.1	20.58	-	-	55.17	-34.59
15	.195	20.17	Qp	1	0	10.1	31.27	63.82	-32.55	-	-
16	.195	6.09	Ca	1	0	10.1	17.19	-	-	53.82	-36.63
17	.249	19.46	Qp	.7	0	10.1	30.26	61.79	-31.53	-	-
18	.249	7.03	Ca	.7	0	10.1	17.83	-	-	51.79	-33.96
19	.3345	14.56	Qp	.5	0	10.1	25.16	59.34	-34.18	-	-
20	.33225	4.42	Ca	.5	0	10.1	15.02	-	-	49.39	-34.37
21	.7935	25.26	Qp	.3	0	10.1	35.66	56	-20.34	-	-
22	.798	16.6	Ca	.3	0	10.1	27	-	-	46	-19
23	13.56	38.45	Qp	.2	.2	10.2	49.05	60	-10.95	-	-
24	13.56	37.65	Ca	.2	.2	10.2	48.25	-	-	50	-1.75

Qp - Quasi-Peak detector

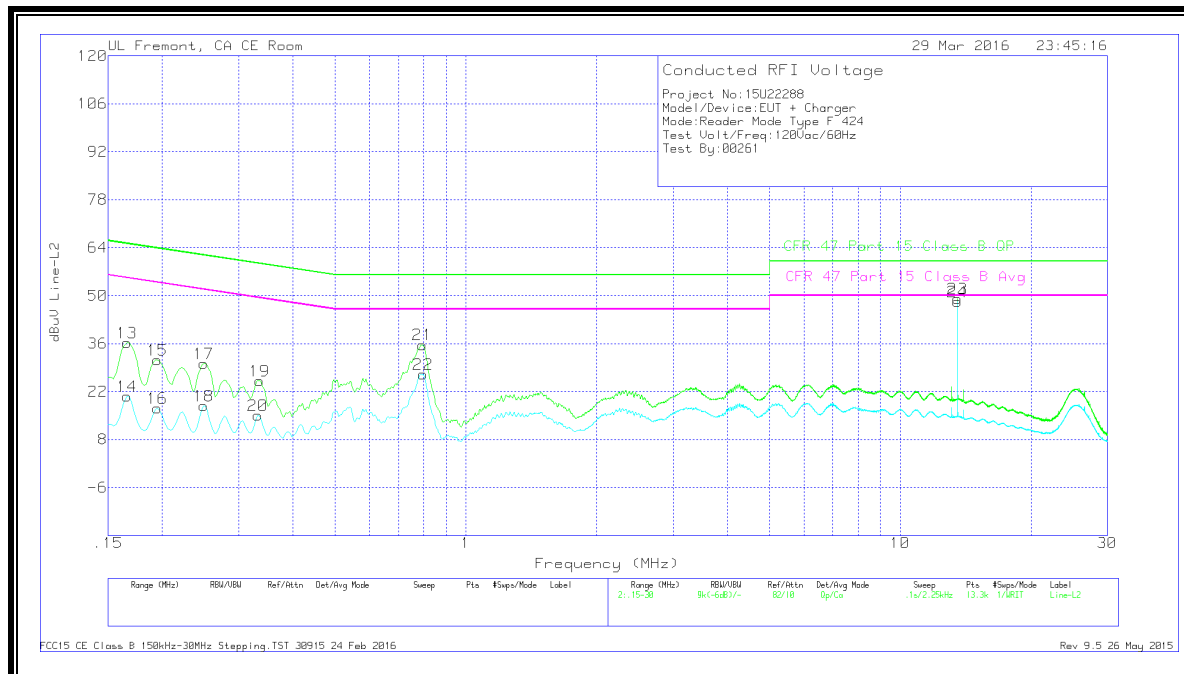
Ca - CISPR average detection

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



9.6.2. WITH ANTENNA PORT TERMINATED, 424 KBPS

WORST EMISSIONS

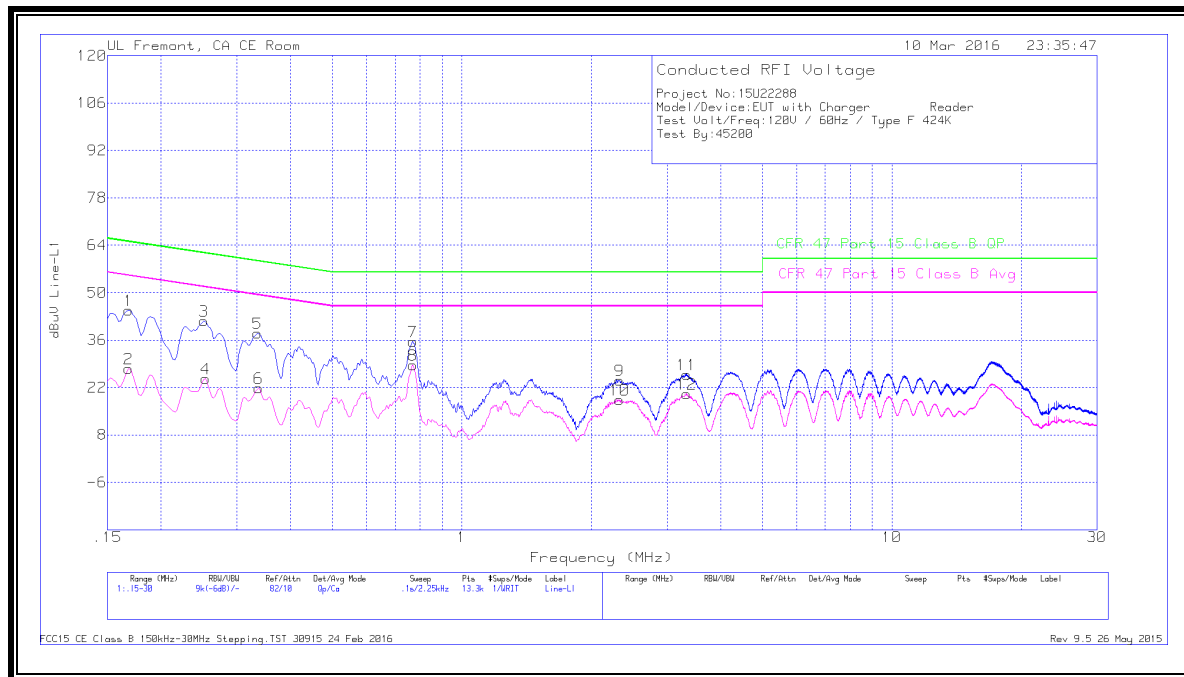
Range 1: Line-L1 .15 - 30MHz											
Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	T1310 IL L1	LC Cables 1&3	Limiter (dB)	Corrected Reading dBuV	CFR 47 Part 15 Class B QP	QP Margin (dB)	CFR 47 Part 15 Class B Avg	Av(CISPR) Margin (dB)
1	.168	34.66	Qp	0	0	10.1	44.76	65.06	-20.3	-	-
2	.168	17.48	Ca	0	0	10.1	27.58	-	-	55.06	-27.48
3	.25125	31.5	Qp	0	0	10.1	41.6	61.72	-20.12	-	-
4	.2535	14.55	Ca	0	0	10.1	24.65	-	-	51.64	-26.99
5	.3345	27.95	Qp	0	0	10.1	38.05	59.34	-21.29	-	-
6	.33675	11.77	Ca	0	0	10.1	21.87	-	-	49.28	-27.41
7	.76875	25.53	Qp	0	0	10.1	35.63	56	-20.37	-	-
8	.76875	18.51	Ca	0	0	10.1	28.61	-	-	46	-17.39
9	2.328	13.89	Qp	0	.1	10.1	24.09	56	-31.91	-	-
10	2.328	8.15	Ca	0	.1	10.1	18.35	-	-	46	-27.65
11	3.3315	15.69	Qp	0	.1	10.1	25.89	56	-30.11	-	-
12	3.3315	9.86	Ca	0	.1	10.1	20.06	-	-	46	-25.94

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	35.72	Qp	0	0	10.1	45.82	65.06	-19.24	-	-
14	.168	18.35	Ca	0	0	10.1	28.45	-	-	55.06	-26.61
15	.25125	32.07	Qp	0	0	10.1	42.17	61.72	-19.55	-	-
16	.2535	14.72	Ca	0	0	10.1	24.82	-	-	51.64	-26.82
17	.3345	27.76	Qp	0	0	10.1	37.86	59.34	-21.48	-	-
18	.33675	10.83	Ca	0	0	10.1	20.93	-	-	49.28	-28.35
19	.76875	26.06	Qp	0	0	10.1	36.16	56	-19.84	-	-
20	.7665	18.44	Ca	0	0	10.1	28.54	-	-	46	-17.46
21	2.328	14.23	Qp	0	.1	10.1	24.43	56	-31.57	-	-
22	2.328	8.9	Ca	0	.1	10.1	19.1	-	-	46	-26.9
23	3.3315	15.91	Qp	0	.1	10.1	26.11	56	-29.89	-	-
24	3.34275	10.58	Ca	0	.1	10.1	20.78	-	-	46	-25.22

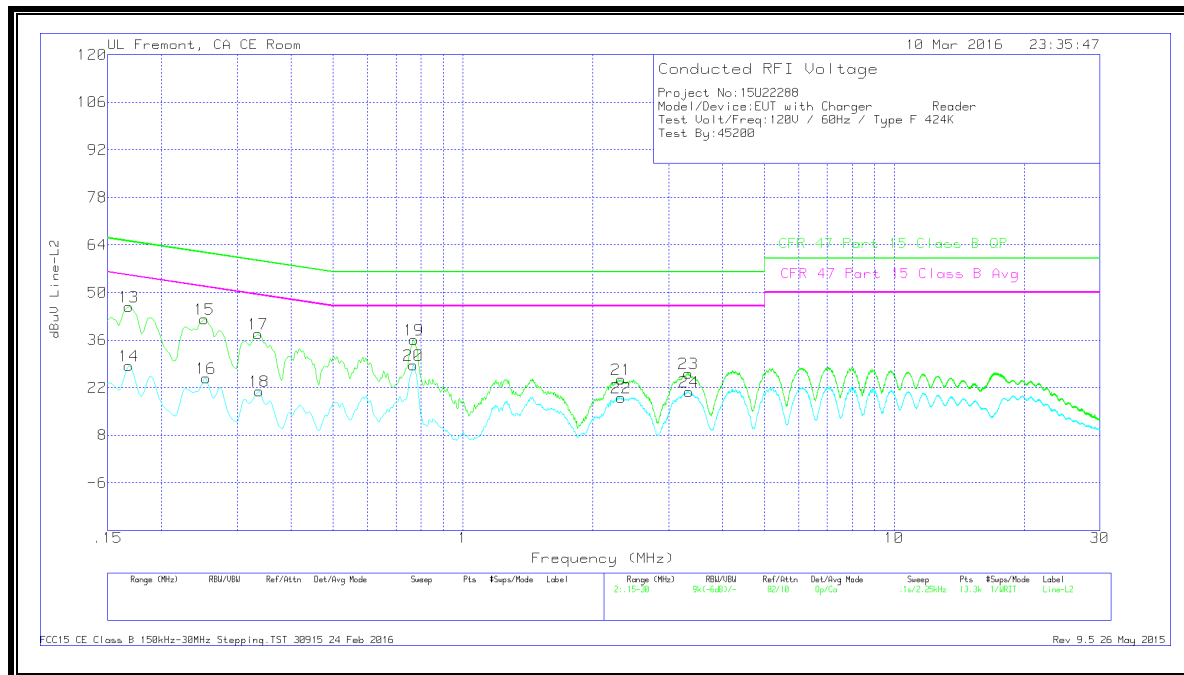
Qp - Quasi-Peak detector

Ca - CISPR average detection

LINE 1 RESULTS



LINE 2 RESULTS



9.6.3. NORMAL OPERATION, 212 KBPS

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	.16575	24.02	Qp	1.2	0	10.1	35.32	65.17	-29.85	-	-
2	.16575	8.28	Ca	1.2	0	10.1	19.58	-	-	55.17	-35.59
3	.195	21.24	Qp	1	0	10.1	32.34	63.82	-31.48	-	-
4	.195	5.82	Ca	1	0	10.1	16.92	-	-	53.82	-36.9
5	.249	20.23	Qp	.7	0	10.1	31.03	61.79	-30.76	-	-
6	.249	4.44	Ca	.7	0	10.1	15.24	-	-	51.79	-36.55
7	.3345	17.12	Qp	.5	0	10.1	27.72	59.34	-31.62	-	-
8	.33225	1.81	Ca	.5	0	10.1	12.41	-	-	49.39	-36.98
9	.798	25.01	Qp	.3	0	10.1	35.41	56	-20.59	-	-
10	.7845	15.37	Ca	.3	0	10.1	25.77	-	-	46	-20.23
11	13.56	40.37	Qp	.2	.2	10.2	50.97	60	-9.03	-	-
12	13.56	37.76	Ca	.2	.2	10.2	48.36	-	-	50	-1.64

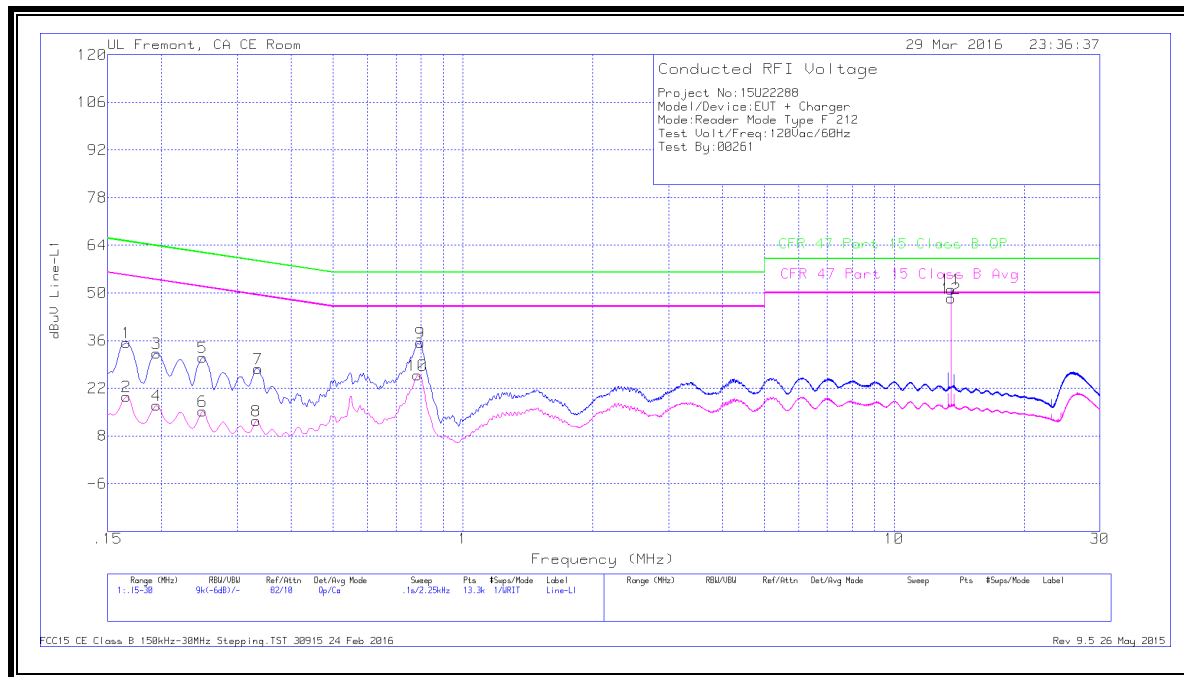
Range 2: Line-L2 .15 - 30MHz											
Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	T24 IL L2	LC Cables 2&3	Limiter (dB)	Corrected Reading dBuV	CFR 47 Part 15 Class B QP	QP Margin (dB)	CFR 47 Part 15 Class B Avg	Av(CISPR) Margin (dB)
13	.16575	24.28	Qp	1.3	0	10.1	35.68	65.17	-29.49	-	-
14	.16575	8.92	Ca	1.3	0	10.1	20.32	-	-	55.17	-34.85
15	.195	19.64	Qp	1	0	10.1	30.74	63.82	-33.08	-	-
16	.195	5.83	Ca	1	0	10.1	16.93	-	-	53.82	-36.89
17	.249	19.17	Qp	.7	0	10.1	29.97	61.79	-31.82	-	-
18	.249	7.1	Ca	.7	0	10.1	17.9	-	-	51.79	-33.89
19	.33	14.45	Qp	.5	0	10.1	25.05	59.45	-34.4	-	-
20	.33225	4.57	Ca	.5	0	10.1	15.17	-	-	49.39	-34.22
21	.79575	25.02	Qp	.3	0	10.1	35.42	56	-20.58	-	-
22	.79575	16.61	Ca	.3	0	10.1	27.01	-	-	46	-18.99
23	13.56	36.32	Qp	.2	.2	10.2	46.92	60	-13.08	-	-
24	13.56	35.42	Ca	.2	.2	10.2	46.02	-	-	50	-3.98

Qp - Quasi-Peak detector

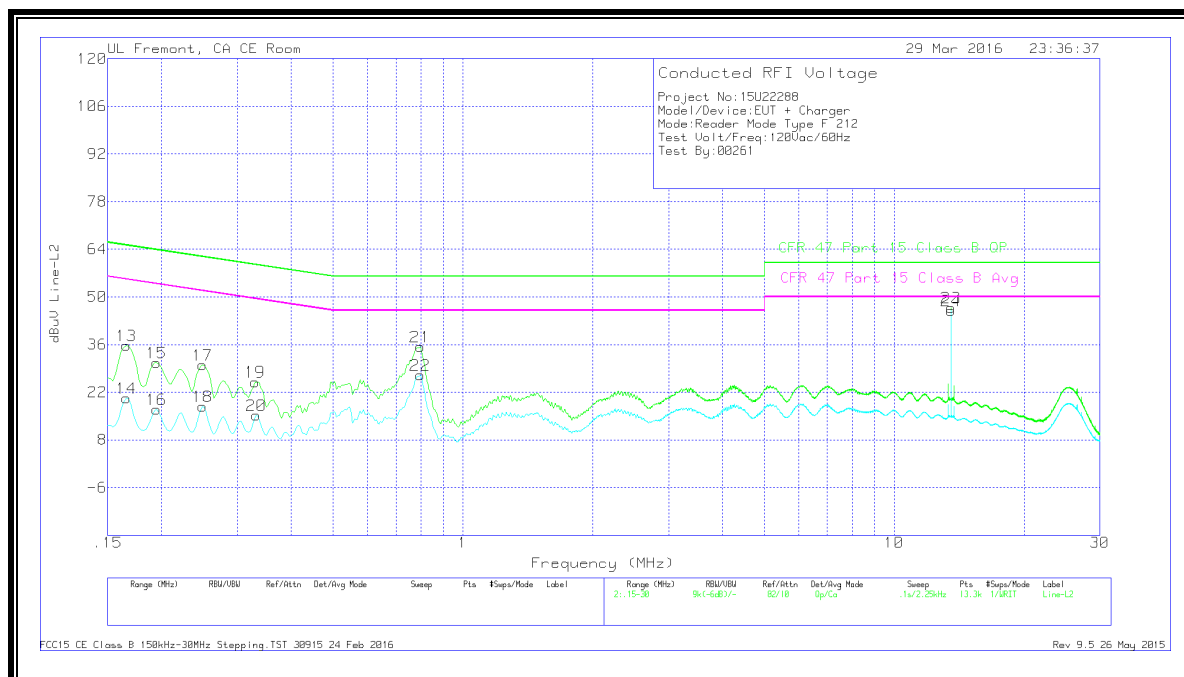
Ca - CISPR average detection

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



9.6.4. WITH ANTENNA PORT TERMINATED, 212 KBPS

WORST EMISSIONS

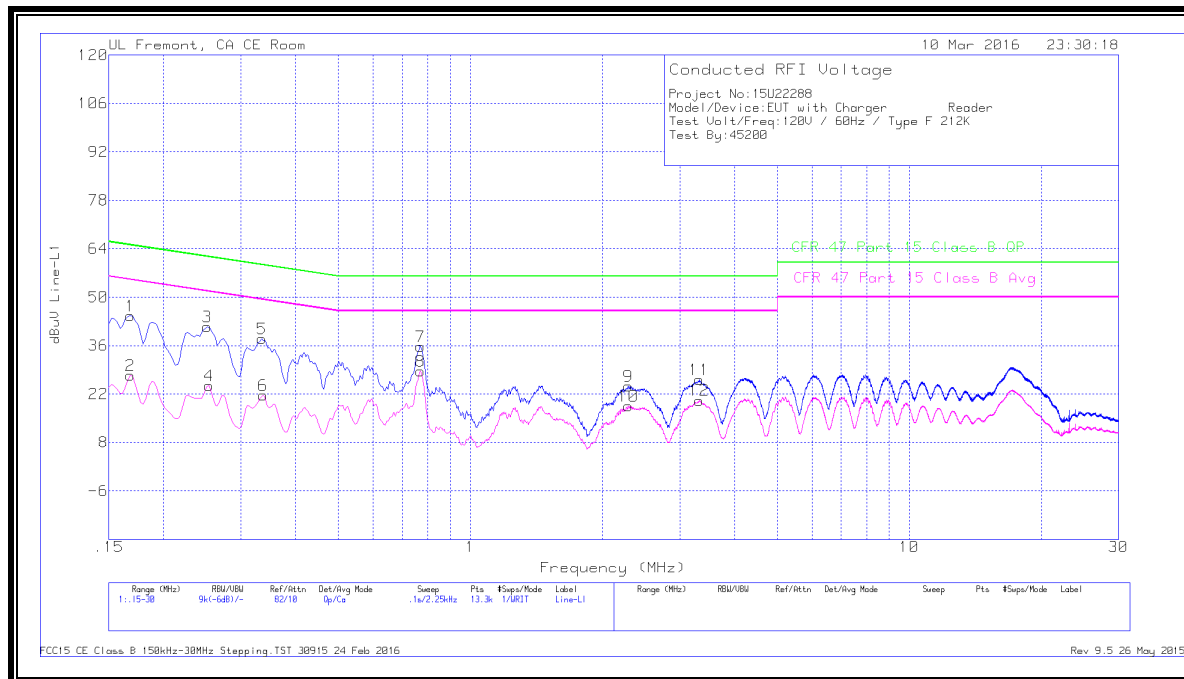
Range 1: Line-L1 .15 - 30MHz											
Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	T1310 IL L1	LC Cables 1&3	Limiter (dB)	Corrected Reading dBuV	CFR 47 Part 15 Class B QP	QP Margin (dB)	CFR 47 Part 15 Class B Avg	Av(CISPR) Margin (dB)
1	.168	34.54	Qp	0	0	10.1	44.64	65.06	-20.42	-	-
2	.168	17.25	Ca	0	0	10.1	27.35	-	-	55.06	-27.71
3	.25125	31.38	Qp	0	0	10.1	41.48	61.72	-20.24	-	-
4	.2535	14.3	Ca	0	0	10.1	24.4	-	-	51.64	-27.24
5	.3345	27.85	Qp	0	0	10.1	37.95	59.34	-21.39	-	-
6	.33675	11.51	Ca	0	0	10.1	21.61	-	-	49.28	-27.67
7	.76875	25.63	Qp	0	0	10.1	35.73	56	-20.27	-	-
8	.76875	18.48	Ca	0	0	10.1	28.58	-	-	46	-17.42
9	2.28975	14.07	Qp	0	.1	10.1	24.27	56	-31.73	-	-
10	2.2875	8.26	Ca	0	.1	10.1	18.46	-	-	46	-27.54
11	3.3225	15.91	Qp	0	.1	10.1	26.11	56	-29.89	-	-
12	3.32475	9.99	Ca	0	.1	10.1	20.19	-	-	46	-25.81

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	35.54	Qp	0	0	10.1	45.64	65.06	-19.42	-	-
14	.168	17.64	Ca	0	0	10.1	27.74	-	-	55.06	-27.32
15	.25125	31.85	Qp	0	0	10.1	41.95	61.72	-19.77	-	-
16	.2535	14.12	Ca	0	0	10.1	24.22	-	-	51.64	-27.42
17	.3345	27.51	Qp	0	0	10.1	37.61	59.34	-21.73	-	-
18	.33675	10.33	Ca	0	0	10.1	20.43	-	-	49.28	-28.85
19	.76875	25.7	Qp	0	0	10.1	35.8	56	-20.2	-	-
20	.7665	18.29	Ca	0	0	10.1	28.39	-	-	46	-17.61
21	2.28975	14.16	Qp	0	.1	10.1	24.36	56	-31.64	-	-
22	2.28863	8.98	Ca	0	.1	10.1	19.18	-	-	46	-26.82
23	3.34275	15.72	Qp	0	.1	10.1	25.92	56	-30.08	-	-
24	3.34275	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

