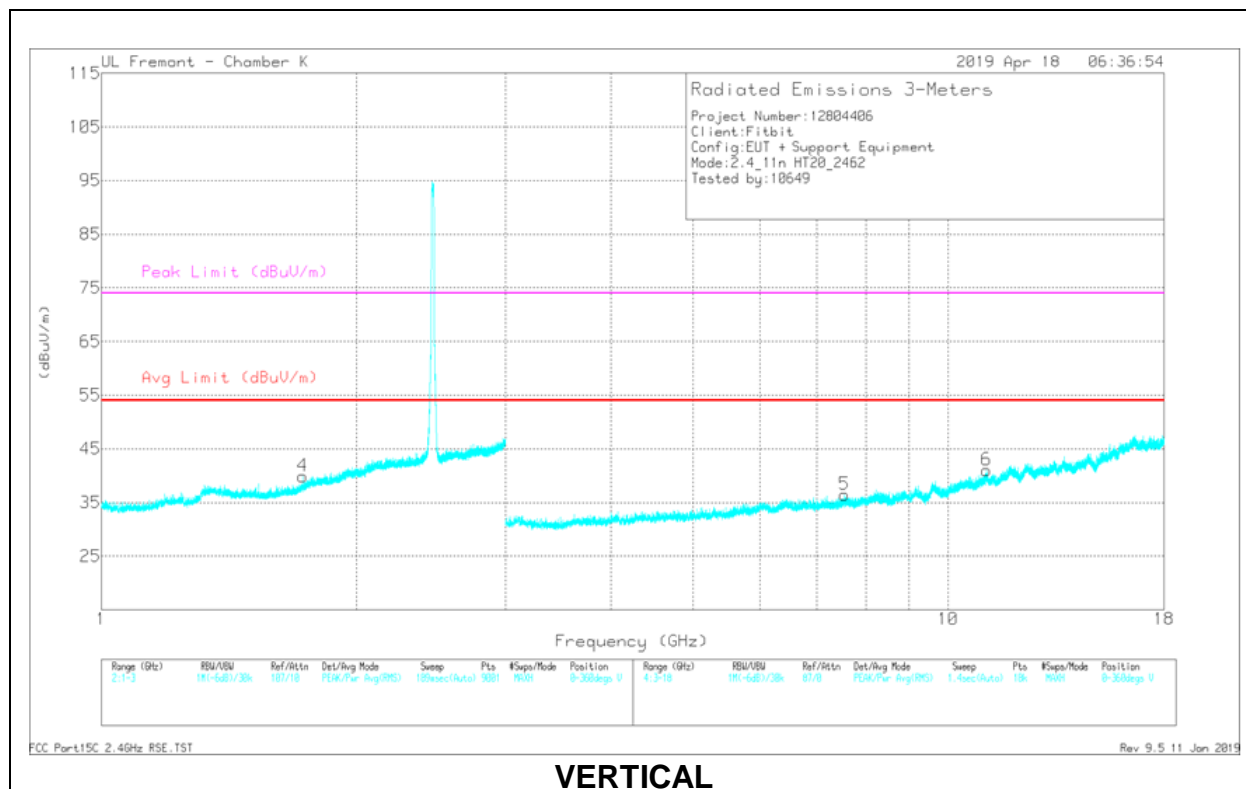
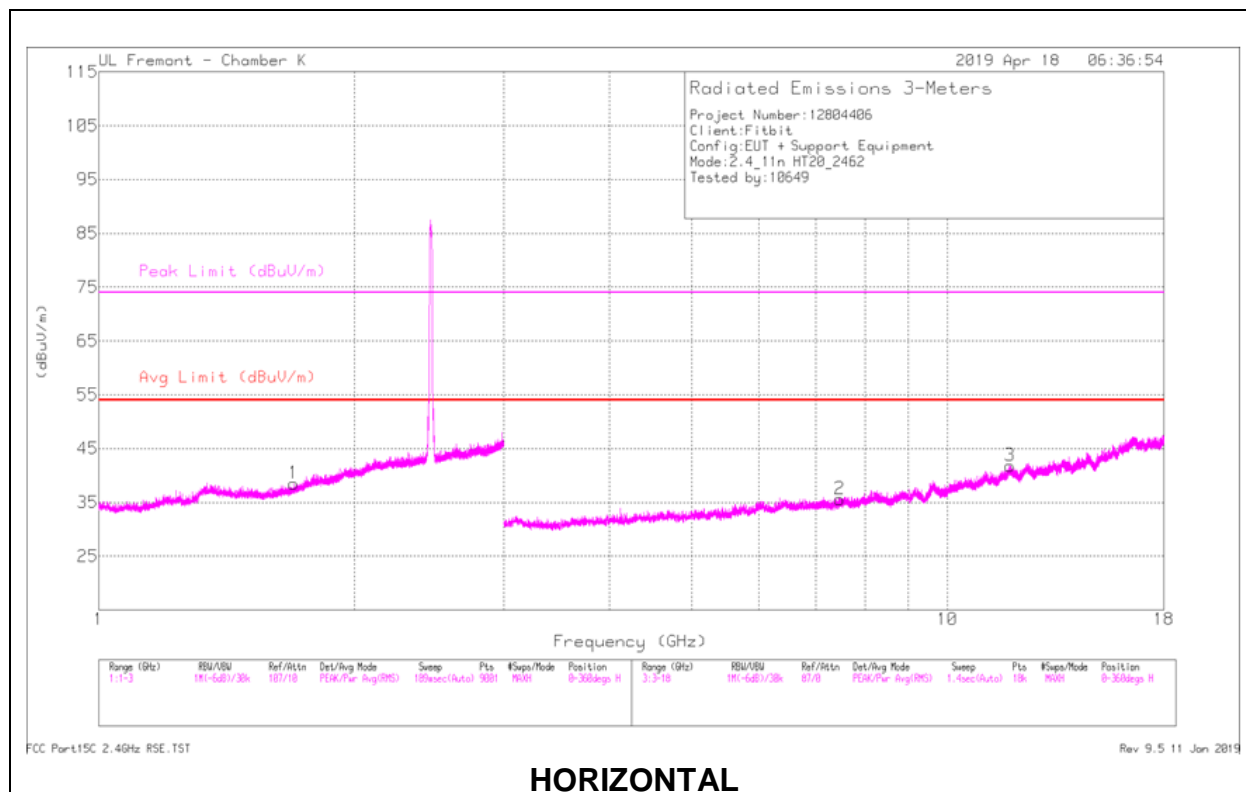


HIGH CHANNEL, CH 11 RESULTS



RADIATED EMISSIONS

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T344 (dB/m)	Amp/Cbl/Fitr/Pad (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 1.696	32.23	PK2	28.7	-16	44.93	-	-	74	-29.07	14	122	H
	* 1.696	22.33	MAv1	28.7	-16	35.03	54	-18.97	-	-	14	122	H
4	1.729	32.62	PK2	29.2	-16	45.82	-	-	-	-	103	105	V
2	* 7.468	32.67	PK2	35.5	-26.1	42.07	-	-	74	-31.93	319	209	H
	* 7.47	23.36	MAv1	35.5	-26.1	32.76	54	-21.24	-	-	319	209	H
3	* 11.865	30.72	PK2	38.4	-19.8	49.32	-	-	74	-24.68	43	112	H
	* 11.864	20.85	MAv1	38.4	-19.8	39.45	54	-14.55	-	-	43	112	H
5	* 7.544	32.66	PK2	35.6	-25.6	42.66	-	-	74	-31.34	353	314	V
	* 7.546	23.25	MAv1	35.6	-25.6	33.25	54	-20.75	-	-	353	314	V
6	* 11.114	29.28	PK2	37.9	-20.9	46.28	-	-	74	-27.72	20	109	V
	* 11.116	20.96	MAv1	37.9	-20.9	37.96	54	-16.04	-	-	20	109	V

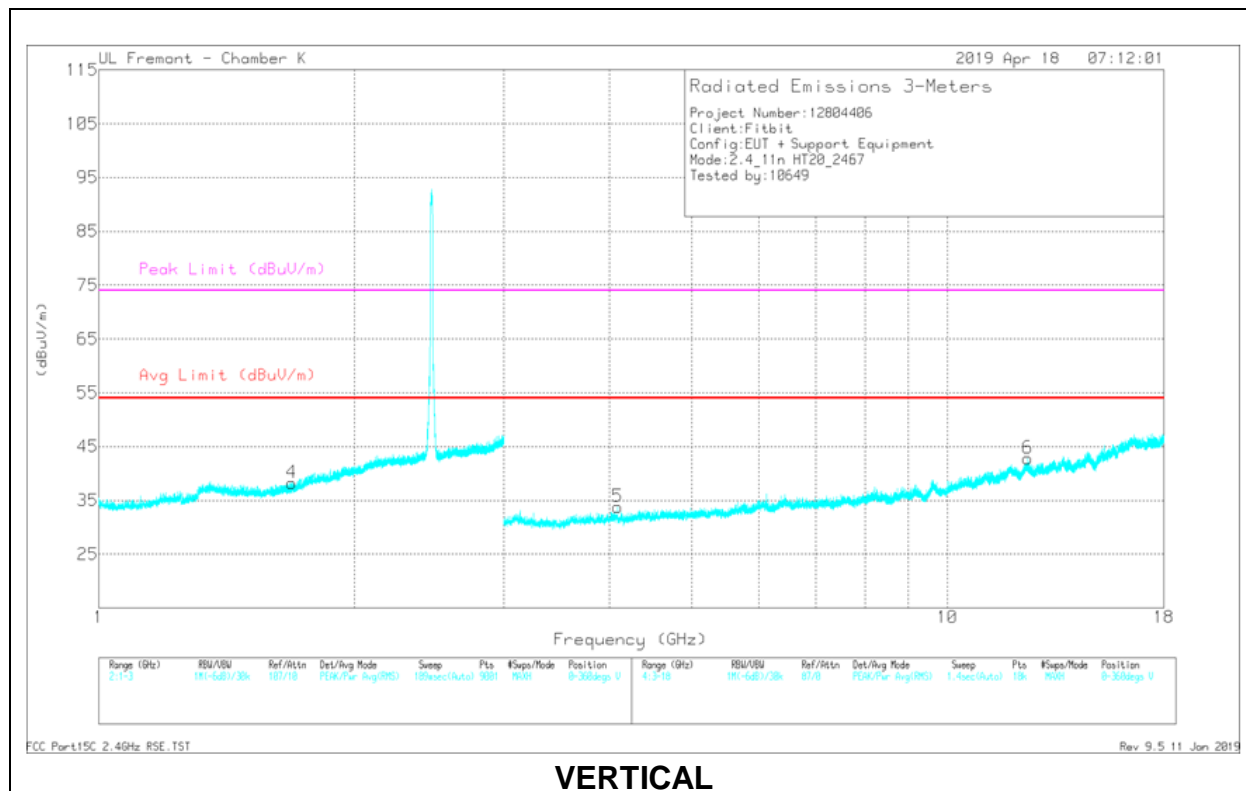
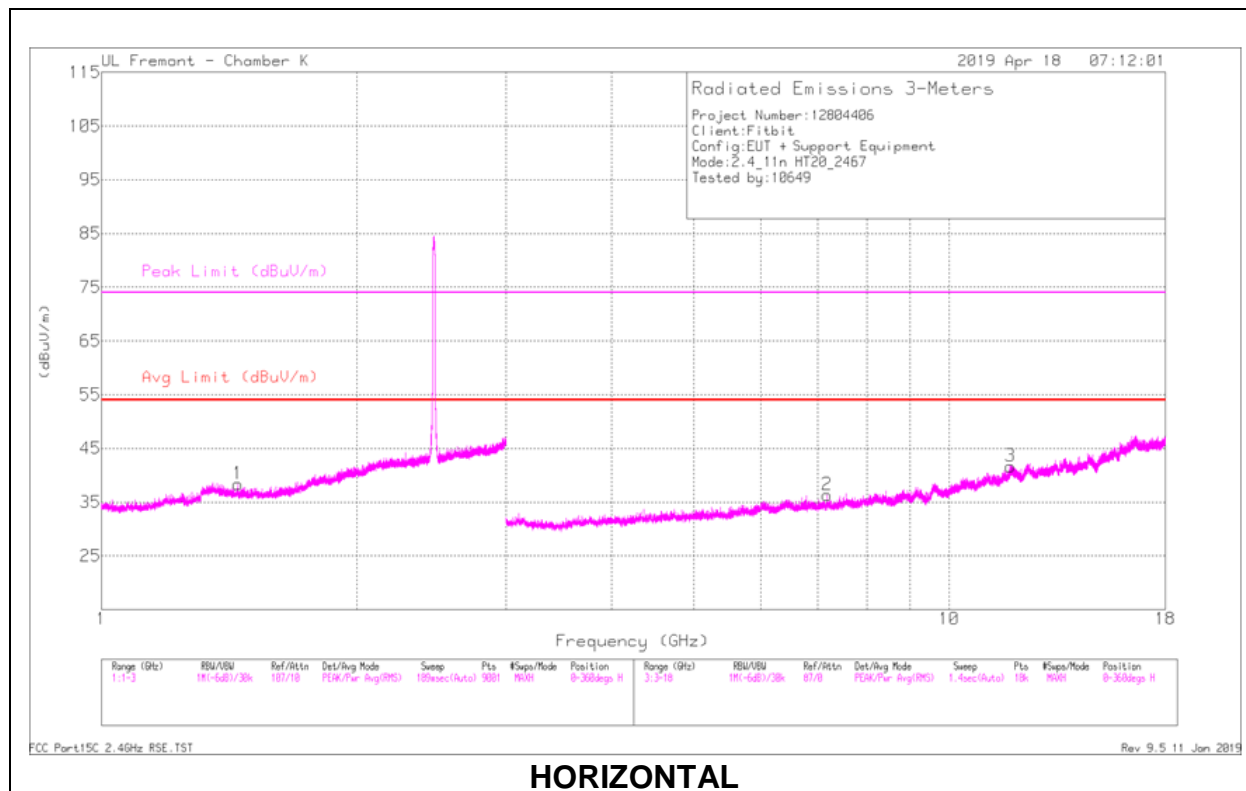
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

Pk - Peak detector

PK2 - KDB558074 Method: Maximum Peak

MAv1 - KDB558074 Option 1 Maximum RMS Average

HIGH CHANNEL, CH 12 RESULTS



RADIATED EMISSIONS

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T344 (dB/m)	Amp/Cb/Filt/Pad (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 1.447	31.27	PK2	28.5	-16.7	43.07	-	-	74	-30.93	36	177	H
	* 1.447	22.67	MAV1	28.5	-16.7	34.47	54	-19.53	-	-	36	177	H
4	* 1.688	31.93	PK2	28.7	-16.1	44.53	-	-	74	-29.47	190	306	V
	* 1.688	22.43	MAV1	28.7	-16.1	35.03	54	-18.97	-	-	190	306	V
2	7.186	33.05	PK2	35.5	-26	42.55	-	-	-	-	71	252	H
3	* 11.815	29.43	PK2	38.4	-19.5	48.33	-	-	74	-25.67	246	316	H
	* 11.817	20.15	MAV1	38.4	-19.5	39.05	54	-14.95	-	-	246	316	H
5	* 4.084	36.5	PK2	33.5	-30.8	39.2	-	-	74	-34.8	255	324	V
	* 4.086	27.04	MAV1	33.5	-30.8	29.74	54	-24.26	-	-	255	324	V
6	* 12.451	29.73	PK2	38.9	-20.1	48.53	-	-	74	-25.47	294	319	V
	* 12.452	20.08	MAV1	38.9	-20.1	38.88	54	-15.12	-	-	294	319	V

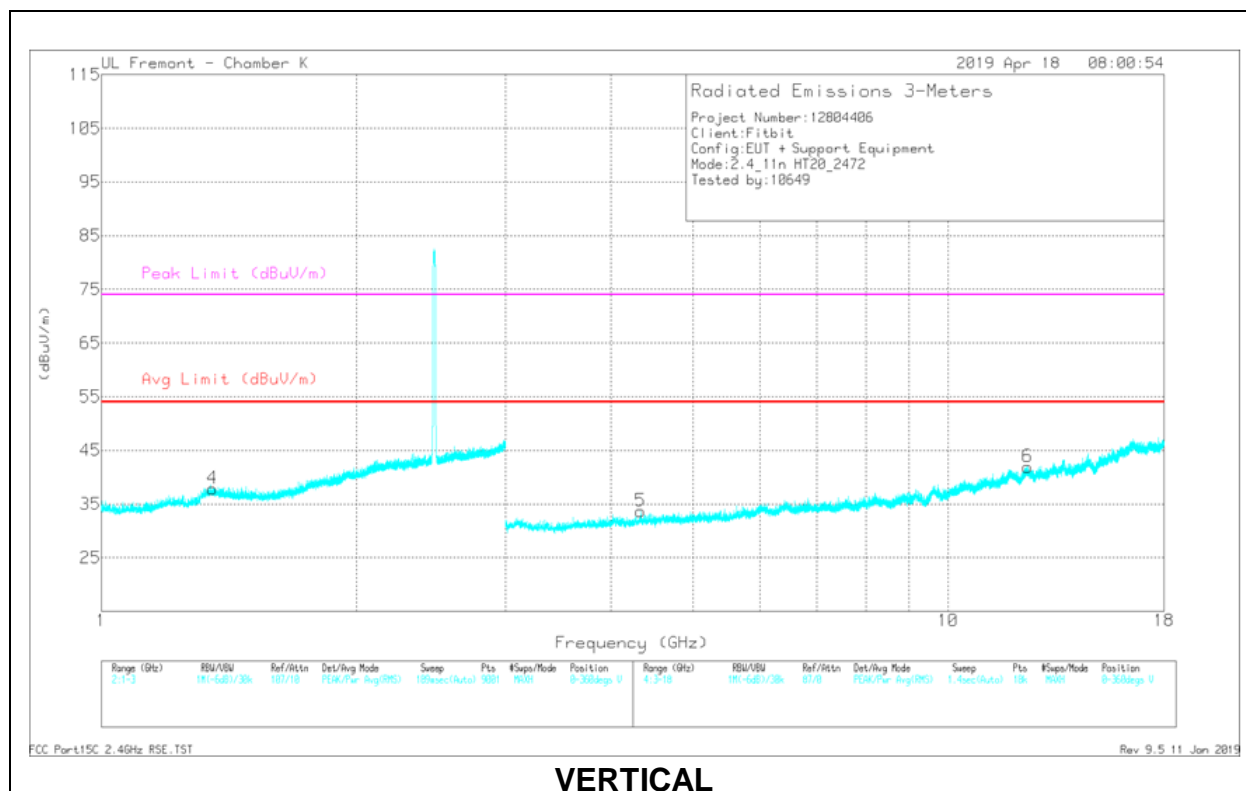
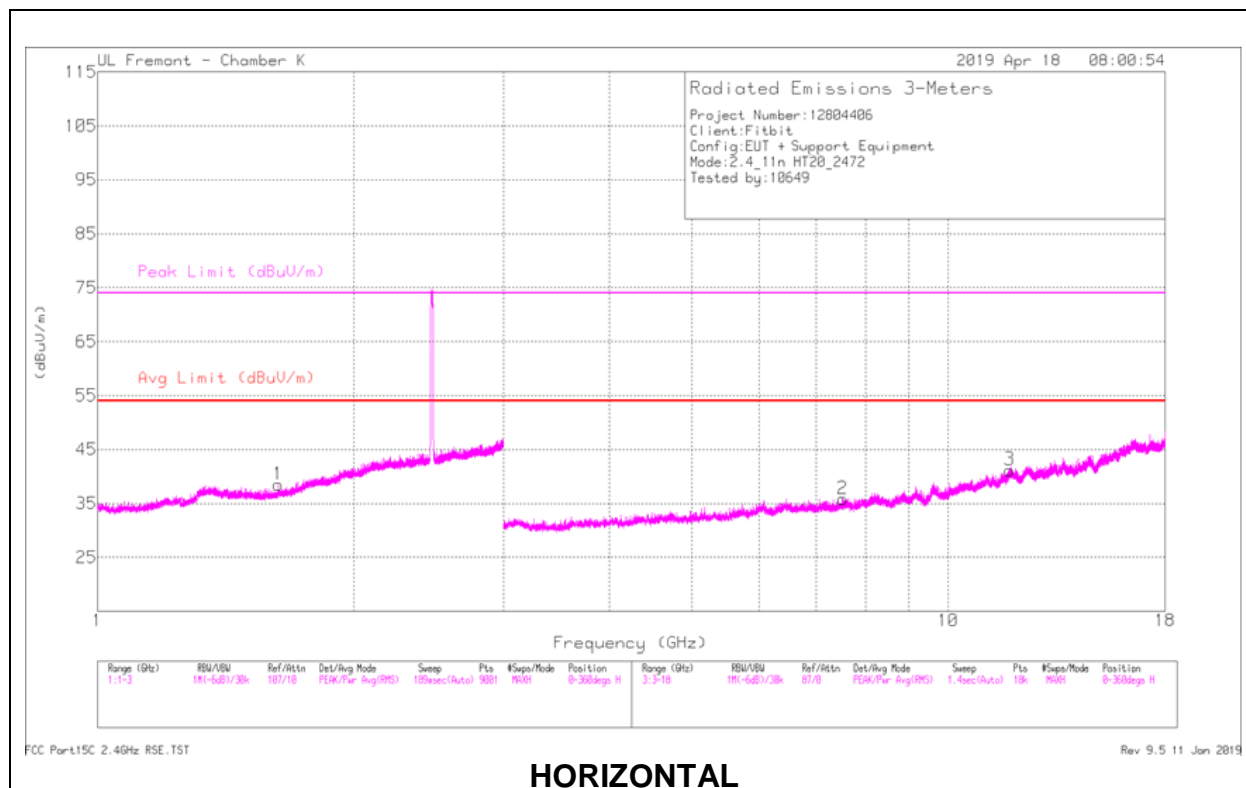
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

Pk - Peak detector

PK2 - KDB558074 Method: Maximum Peak

MAV1 - KDB558074 Option 1 Maximum RMS Average

HIGH CHANNEL, CH 13 RESULTS



RADIATED EMISSIONS

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T344 (dB/m)	Amp/Cb/Filt/Pad (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	1.631	31.76	PK2	28.3	-16.2	43.86	-	-	-	-	219	105	H
4	* 1.355	32.61	PK2	29.4	-16.9	45.11	-	-	74	-28.89	138	318	V
	* 1.352	22.75	MAV1	29.4	-16.9	35.25	54	-18.75	-	-	138	318	V
2	* 7.522	32.63	PK2	35.6	-25.7	42.53	-	-	74	-31.47	164	396	H
	* 7.524	23.36	MAV1	35.6	-25.7	33.26	54	-20.74	-	-	164	396	H
3	* 11.826	30.29	PK2	38.4	-19.6	49.09	-	-	74	-24.91	116	281	H
	* 11.826	20.06	MAV1	38.4	-19.6	38.86	54	-15.14	-	-	116	281	H
5	* 4.338	38.05	PK2	33.7	-31.1	40.65	-	-	74	-33.35	70	194	V
	* 4.336	28.18	MAV1	33.7	-31.1	30.78	54	-23.22	-	-	70	194	V
6	* 12.413	29.67	PK2	38.8	-20	48.47	-	-	74	-25.53	222	112	V
	* 12.413	20.51	MAV1	38.8	-20	39.31	54	-14.69	-	-	222	112	V

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

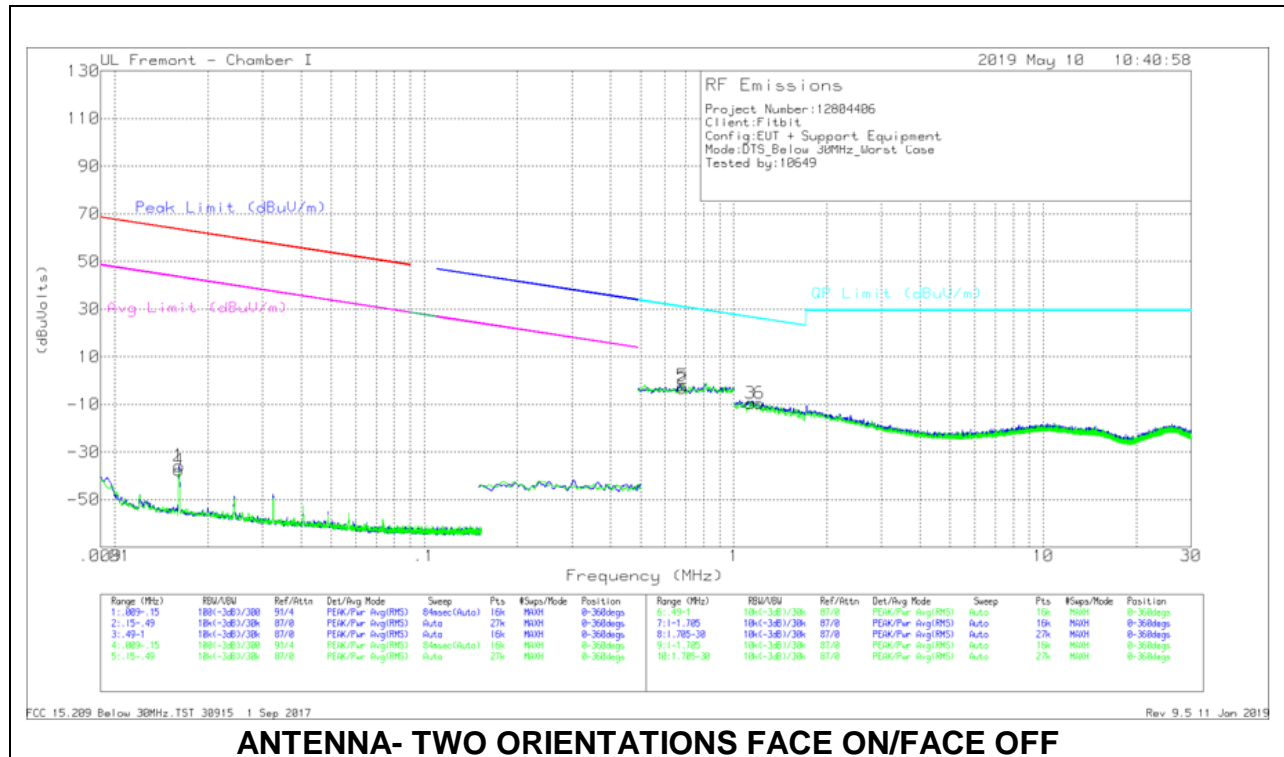
Pk - Peak detector

PK2 - KDB558074 Method: Maximum Peak

MAV1 - KDB558074 Option 1 Maximum RMS Average

9.2. WORST CASE BELOW 30MHZ

SPURIOUS EMISSIONS BELOW 30 MHz (WORST-CASE CONFIGURATION)



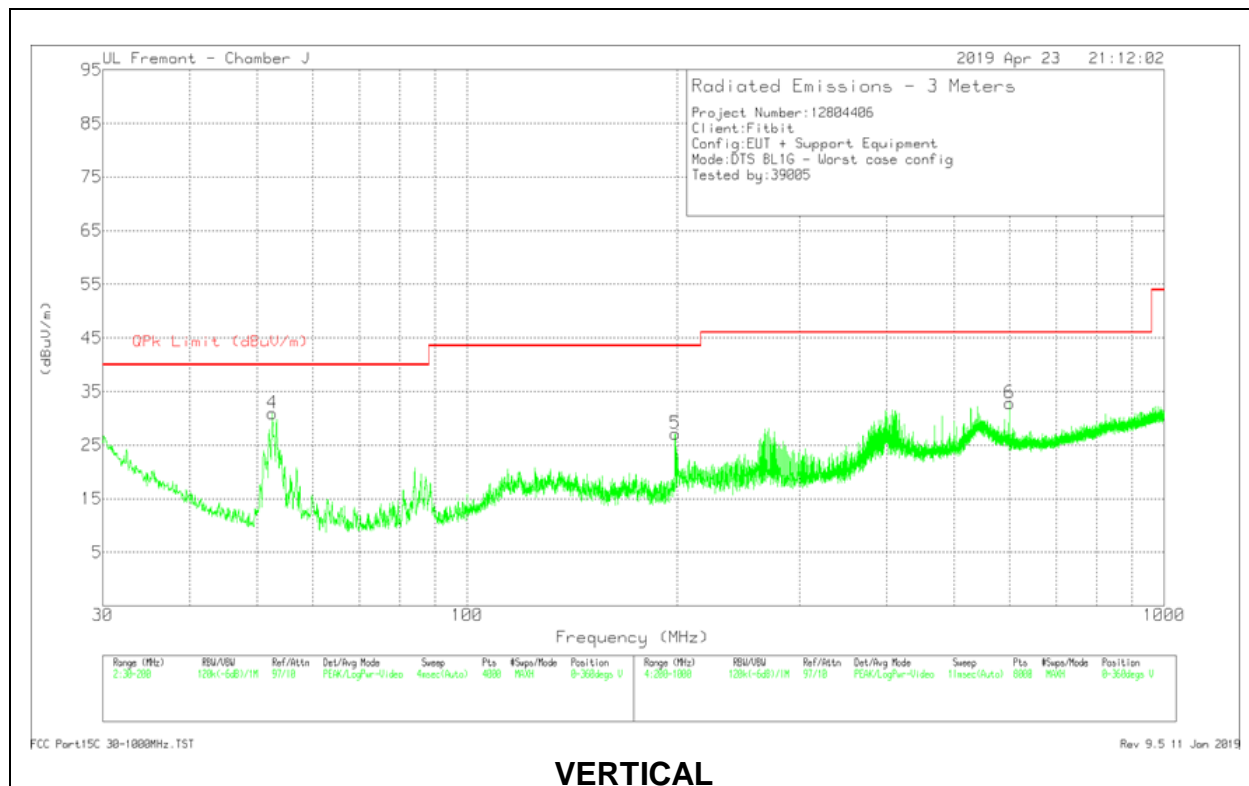
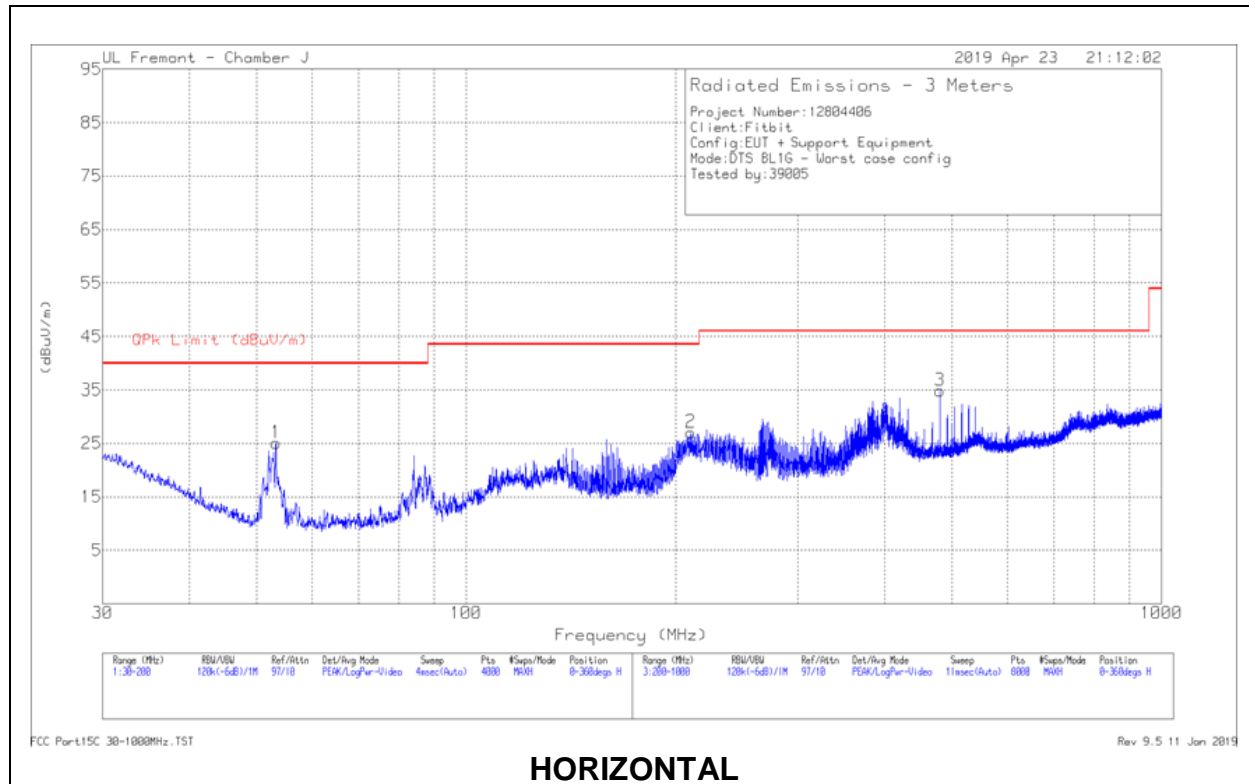
Below 30MHz Data

	Frequency (MHz)	Meter Reading (dBuV)	Det	Loop Antenna (ACF)	Cables w/ PRE0180175 (dB)	Dist Corr 300m	Corrected Reading (dBuVolts)	Peak Limit (dBuV/m)	Margin (dB)	Avg Limit (dBuV/m)	Margin (dB)	Azimuth (Degs)
1	.01616	17.11	Pk	59.5	-32.4	-80	-35.79	63.42	-99.21	43.42	-79.21	0-360
4	.01614	15.37	Pk	59.5	-32.4	-80	-37.53	63.43	-100.96	43.43	-80.96	0-360

Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	Loop Antenna (ACF)	Cables w/ PRE0180175 (dB)	Dist Corr 30m (dB) 40Log	Corrected Reading (dBuVolts)	QP Limit (dBuV/m)	Margin (dB)	Azimuth (Degs)
2	.68208	12.14	Pk	56.3	-31.8	-40	-3.36	30.94	-34.3	0-360
5	.68323	13.33	Pk	56.3	-31.8	-40	-2.17	30.92	-33.09	0-360
3	1.13163	16.57	Pk	45.7	-31.8	-40	-9.53	26.55	-36.08	0-360
6	1.20863	17.09	Pk	45.3	-31.8	-40	-9.41	25.98	-35.39	0-360

Pk - Peak detector

9.3. WORST CASE BELOW 1 GHZ



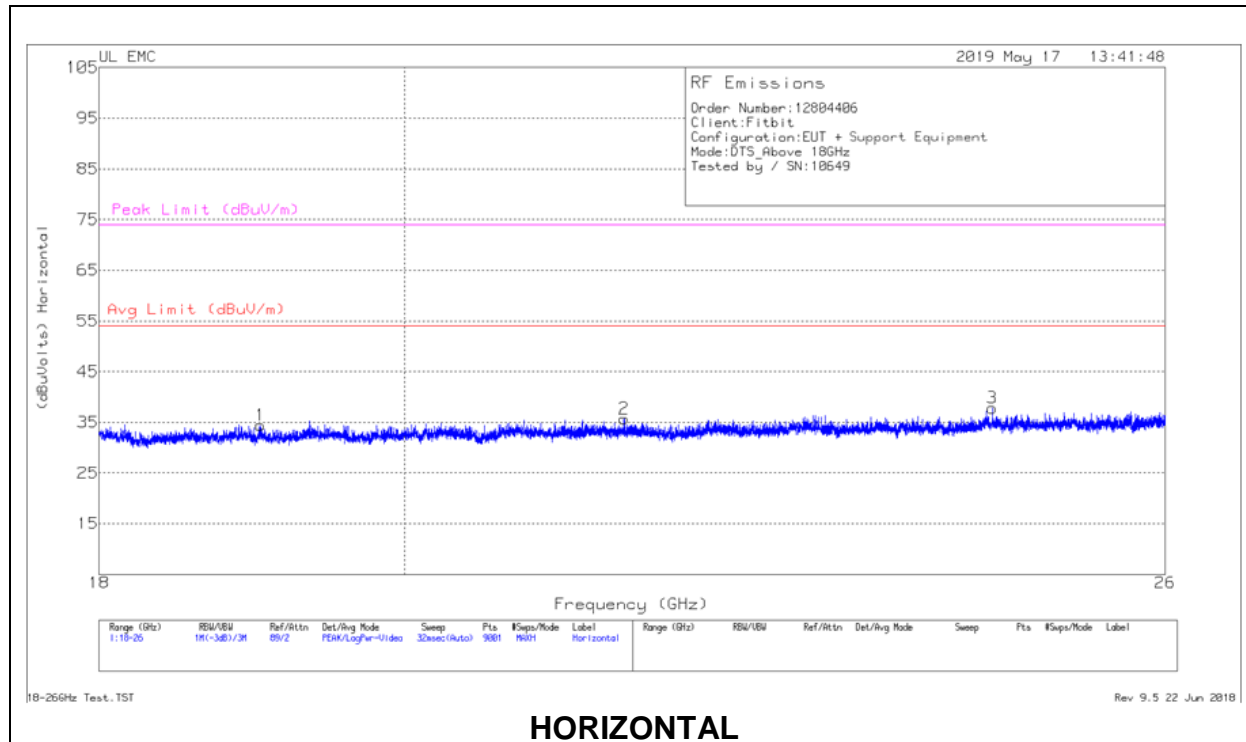
Below 1GHz DATA

Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	AF PRE0181575 (dB/m)	Amp Cbl (dB)	Corrected Reading (dBuV/m)	QPk Limit (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	53.2535	43.2	Pk	13.2	-31.3	25.1	40	-14.9	0-360	398	H
4	52.5308	49.05	Pk	13.2	-31.3	30.95	40	-9.05	0-360	101	V
	52.5639	45.29	Qp	13.2	-31.3	27.19	40	-12.81	146	108	V
5	198.7262	39.18	Pk	18.4	-30.4	27.18	43.52	-16.34	0-360	101	V
2	210.3013	41.06	Pk	16.3	-30.3	27.06	43.52	-16.46	0-360	101	H
3	479.9364	40.65	Pk	23.6	-29.4	34.85	46.02	-11.17	0-360	198	H
6	600.352	37.78	Pk	24.2	-29.2	32.78	46.02	-13.24	0-360	101	V

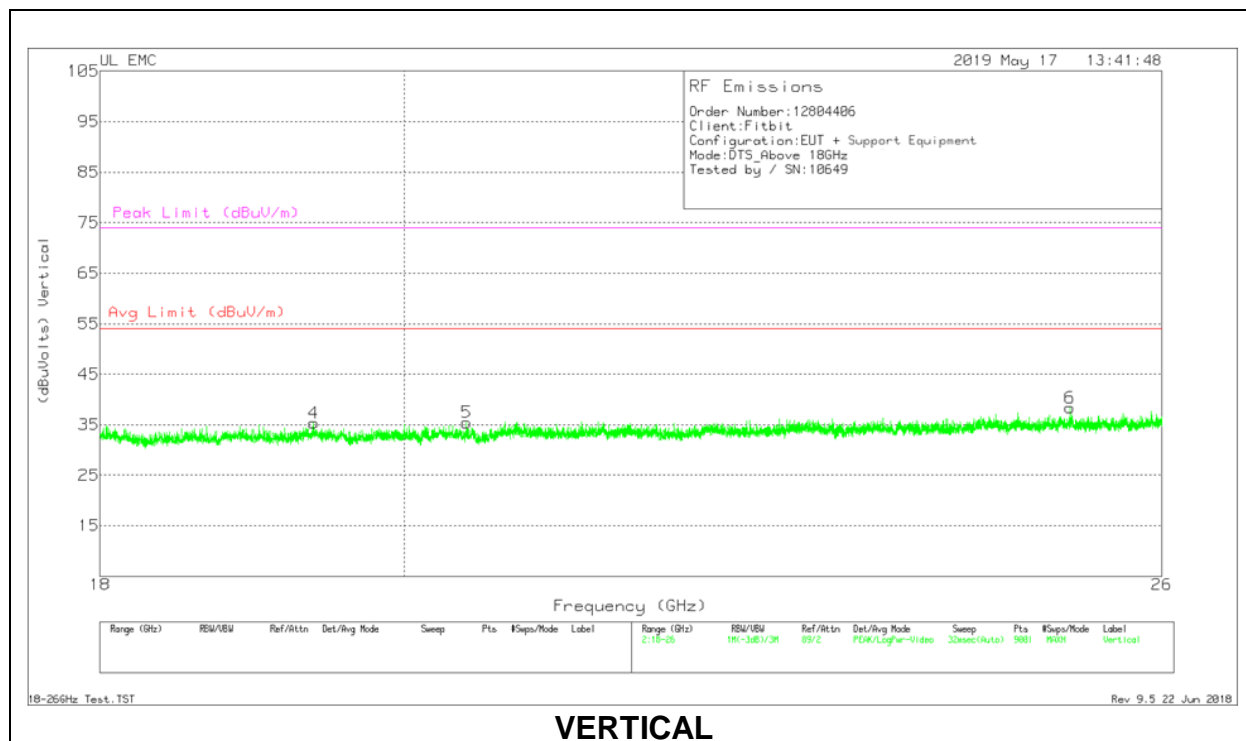
Pk - Peak detector

Qp - Quasi-Peak detector

9.4. WORST CASE 18-26 GHZ



HORIZONTAL



VERTICAL

18 – 26GHz DATA

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF PRE0182188 (dB/m)	Amp/Cbl (dB)	Dist Corr (dB)	Corrected Reading (dBuVolts)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)
1	19.029	68.02	Pk	33.3	-57.4	-9.5	34.42	54	-19.58	74	-39.58
2	21.572	68.69	Pk	33.8	-57.3	-9.5	35.69	54	-18.31	74	-38.31
3	24.494	68.94	Pk	34.7	-56.3	-9.5	37.84	54	-16.16	74	-36.16
4	19.382	68.55	Pk	33.3	-57	-9.5	35.35	54	-18.65	74	-38.65
5	20.436	68.12	Pk	33.6	-56.8	-9.5	35.42	54	-18.58	74	-38.58
6	25.187	68.07	Pk	34.9	-55.1	-9.5	38.37	54	-15.63	74	-35.63

Pk - Peak detector

10. AC POWER LINE CONDUCTED EMISSIONS

LIMITS

FCC §15.207 (a)

RSS-Gen 8.8

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

*Decreases with the logarithm of the frequency.

TEST PROCEDURE

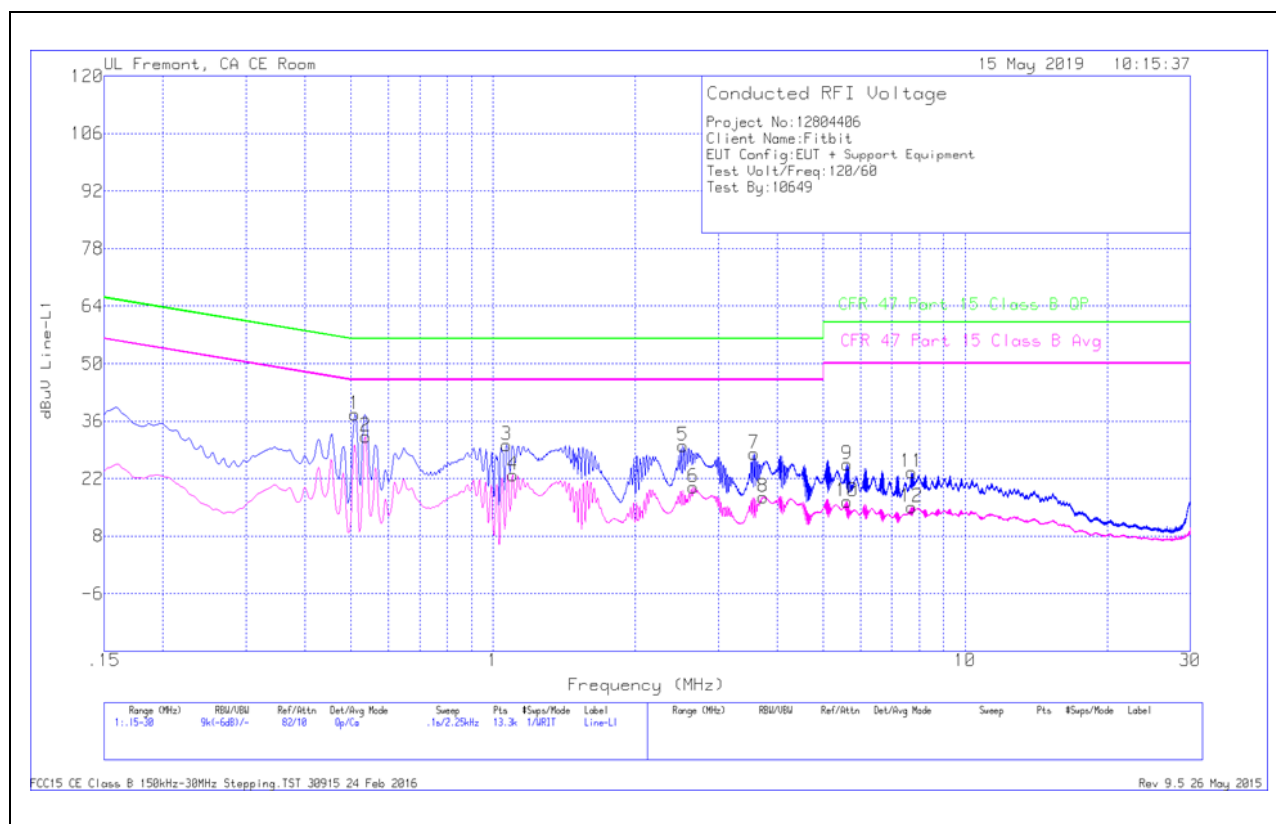
The EUT is placed on a non-conducting table 40 cm from the vertical ground plane and 80 cm above the horizontal ground plane. The EUT is configured in accordance with ANSI C63.10.

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

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

RESULTS

LINE 1 RESULTS

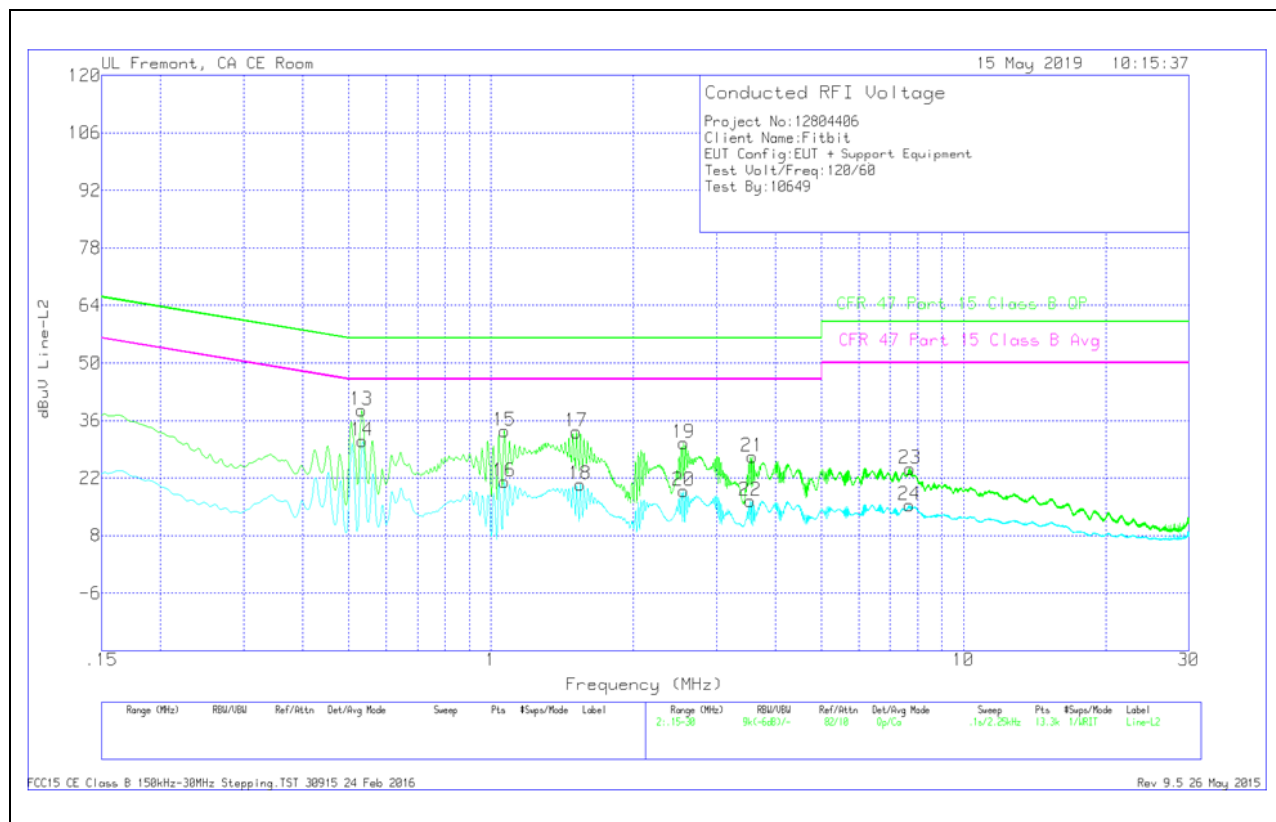


Range 1: Line-L1 .15 - 30MHz											
Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	LISN L1	LC Cables C1&C3	Limiter (dB)	Corrected Reading dBuV	CFR 47 Part 15 Class B QP	QP Margin (dB)	CFR 47 Part 15 Class B Avg	Av(CISPR)Margin (dB)
1	.51	27.49	Qp	0	0	10.1	37.59	56	-18.41	-	-
2	.537	22.22	Ca	0	0	10.1	32.32	-	-	46	-13.68
3	1.068	19.94	Qp	0	.1	10.1	30.14	56	-25.86	-	-
4	1.10175	12.74	Ca	0	.1	10.1	22.94	-	-	46	-23.06
5	2.52825	19.8	Qp	0	.1	10.1	30	56	-26	-	-
6	2.65875	9.72	Ca	0	.1	10.1	19.92	-	-	46	-26.08
7	3.57675	17.84	Qp	0	.1	10.1	28.04	56	-27.96	-	-
8	3.7365	7.37	Ca	0	.1	10.1	17.57	-	-	46	-28.43
9	5.61975	15.13	Qp	0	.2	10.2	25.53	60	-34.47	-	-
10	5.6175	6.04	Ca	0	.2	10.2	16.44	-	-	50	-33.56
11	7.71788	13.18	Qp	0	.2	10.2	23.58	60	-36.42	-	-
12	7.71675	4.68	Ca	0	.2	10.2	15.08	-	-	50	-34.92

Qp - Quasi-Peak detector

Ca - CISPR average detection

LINE 2 RESULTS



Range 2: Line-L2 .15 - 30MHz											
Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	LISN L2	LC Cables C2&C3	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	.5325	28.36	Qp	0	0	10.1	38.46	56	-17.54	-	-
14	.53475	20.95	Ca	0	0	10.1	31.05	-	-	46	-14.95
15	1.068	23.33	Qp	0	.1	10.1	33.53	56	-22.47	-	-
16	1.068	10.95	Ca	0	.1	10.1	21.15	-	-	46	-24.85
17	1.518	23.03	Qp	0	.1	10.1	33.23	56	-22.77	-	-
18	1.545	10.28	Ca	0	.1	10.1	20.48	-	-	46	-25.52
19	2.5575	20.31	Qp	0	.1	10.1	30.51	56	-25.49	-	-
20	2.5575	8.66	Ca	0	.1	10.1	18.86	-	-	46	-27.14
21	3.57225	16.95	Qp	0	.1	10.1	27.15	56	-28.85	-	-
22	3.543	6.19	Ca	0	.1	10.1	16.39	-	-	46	-29.61
23	7.7145	13.94	Qp	0	.2	10.2	24.34	60	-35.66	-	-
24	7.67625	5.05	Ca	0	.2	10.2	15.45	-	-	50	-34.55

Qp - Quasi-Peak detector

Ca - CISPR average detection