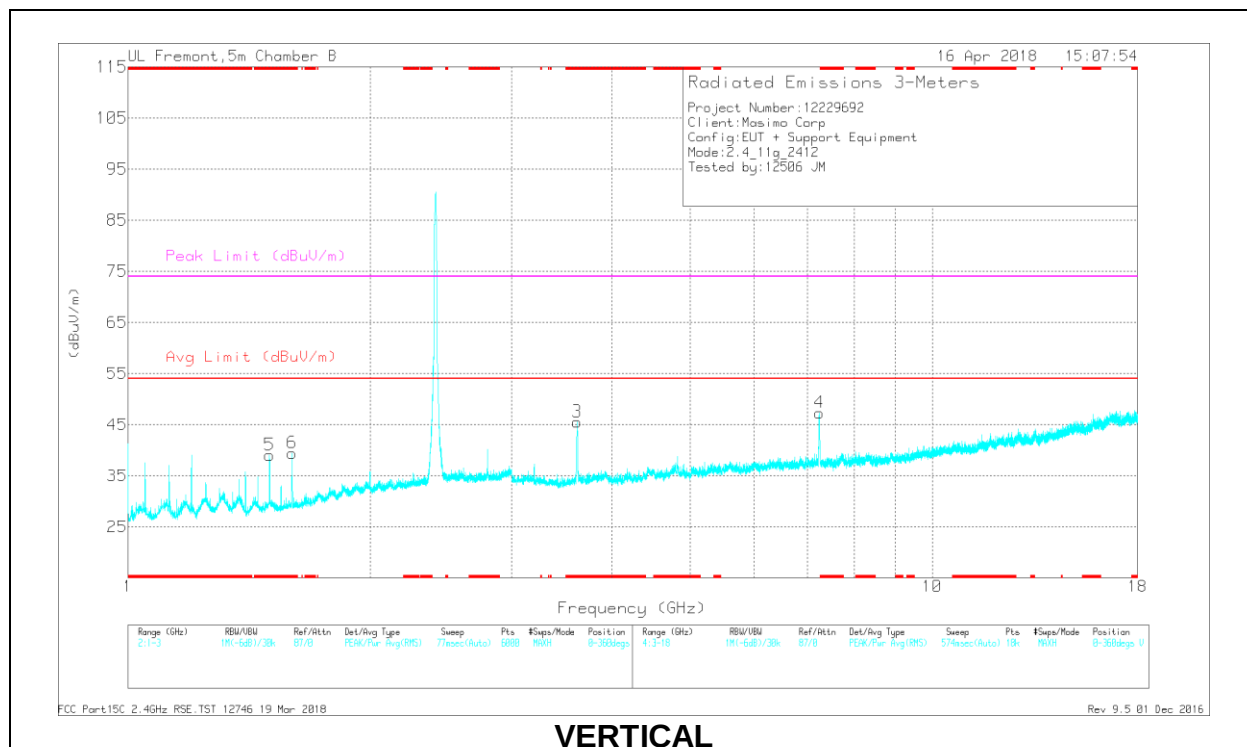
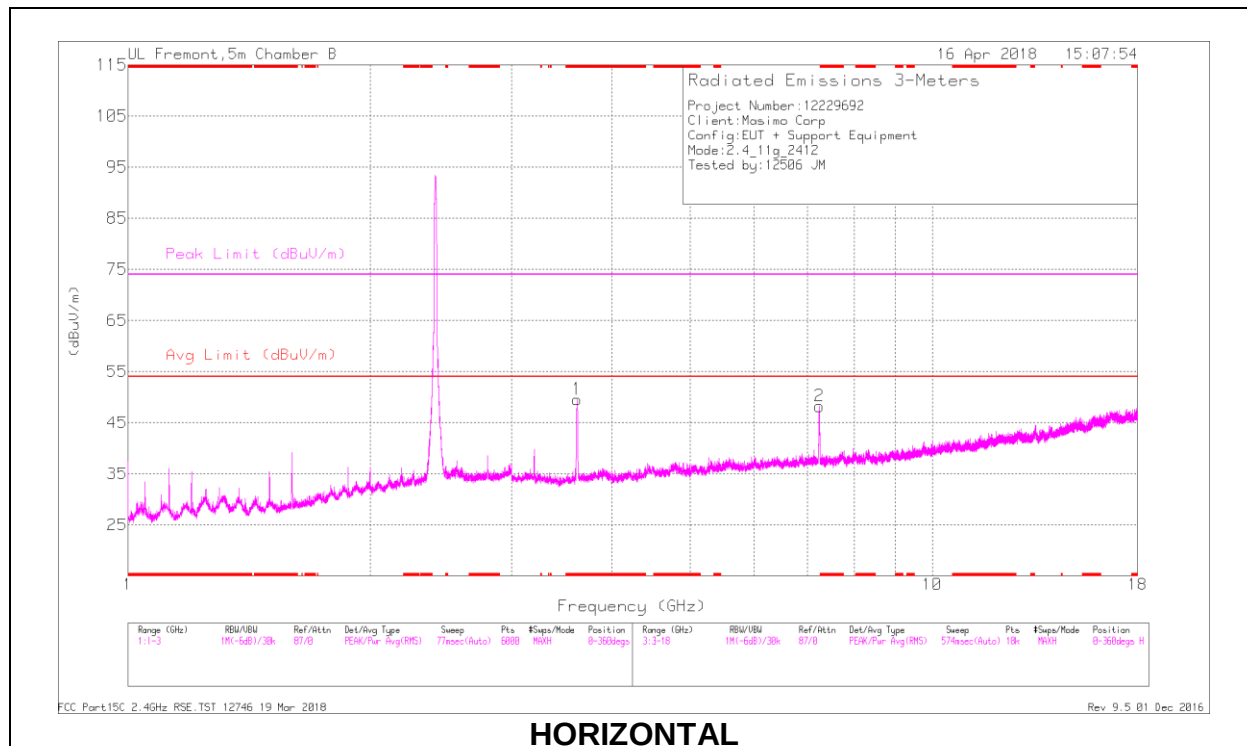


HARMONICS AND SPURIOUS EMISSIONS

LOW CHANNEL, CH 1 RESULTS



RADIATED EMISSIONS

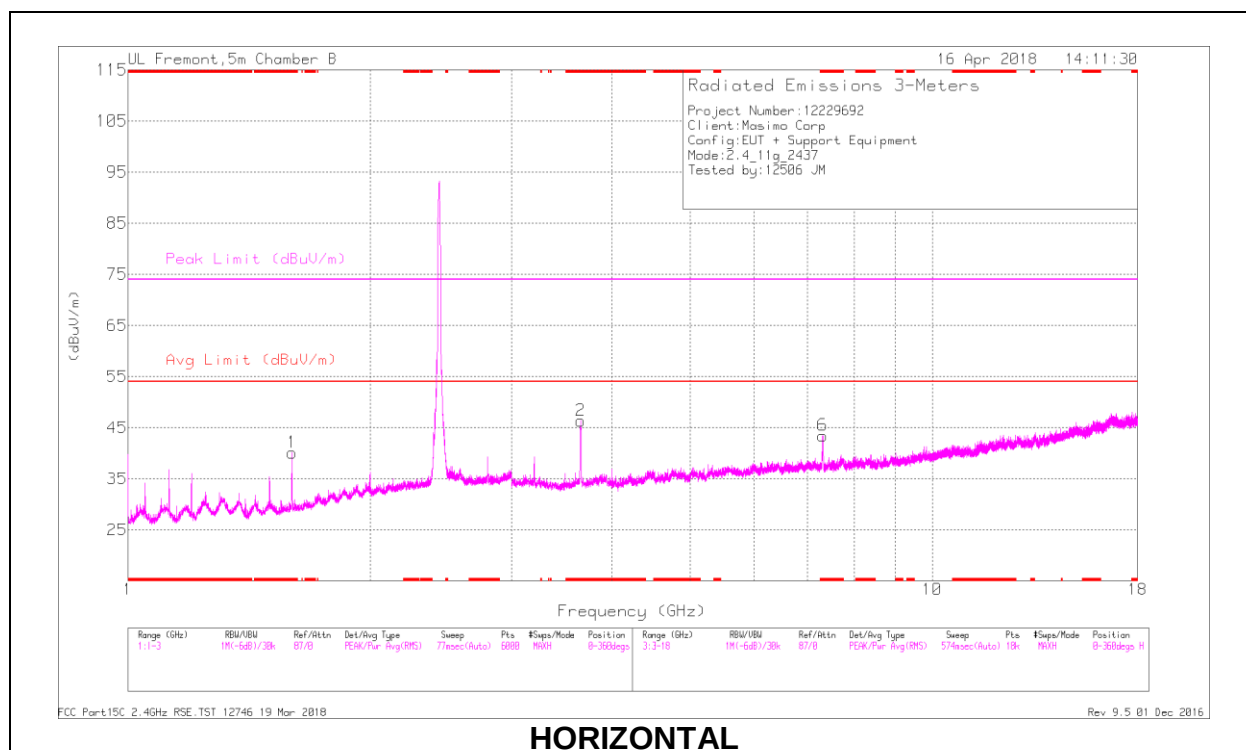
Frequency (GHz)	Meter Reading (dBuV)	Det	AF T863 (dB/m)	Amp/Cbl/Filtr/ Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
* 1.5	35.81	PK2	28.2	-21.5	0	42.51	-	-	74	-31.49	48	110	V
* 1.5	30.99	MAv1	28.2	-21.5	.29	37.98	54	-16.02	-	-	48	110	V
* 1.6	40.43	PK2	28.3	-21.9	0	46.83	-	-	74	-27.17	204	260	V
* 1.6	29.42	MAv1	28.3	-21.9	.29	36.11	54	-17.89	-	-	204	260	V
* 3.617	53.89	PK2	33.2	-31.6	0	55.49	-	-	74	-18.51	133	287	H
* 3.619	45.63	MAv1	33.2	-31.5	.29	47.62	54	-6.38	-	-	133	287	H
* 3.617	52.04	PK2	33.2	-31.6	0	53.64	-	-	74	-20.36	138	383	V
* 3.617	43.6	MAv1	33.2	-31.6	.29	45.49	54	-8.51	-	-	138	383	V
7.237	48.6	PK2	35.8	-28.7	0	55.7	-	-	-	-	20	114	V
7.238	48.97	PK2	35.8	-28.7	0	56.07	-	-	-	-	69	152	H

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

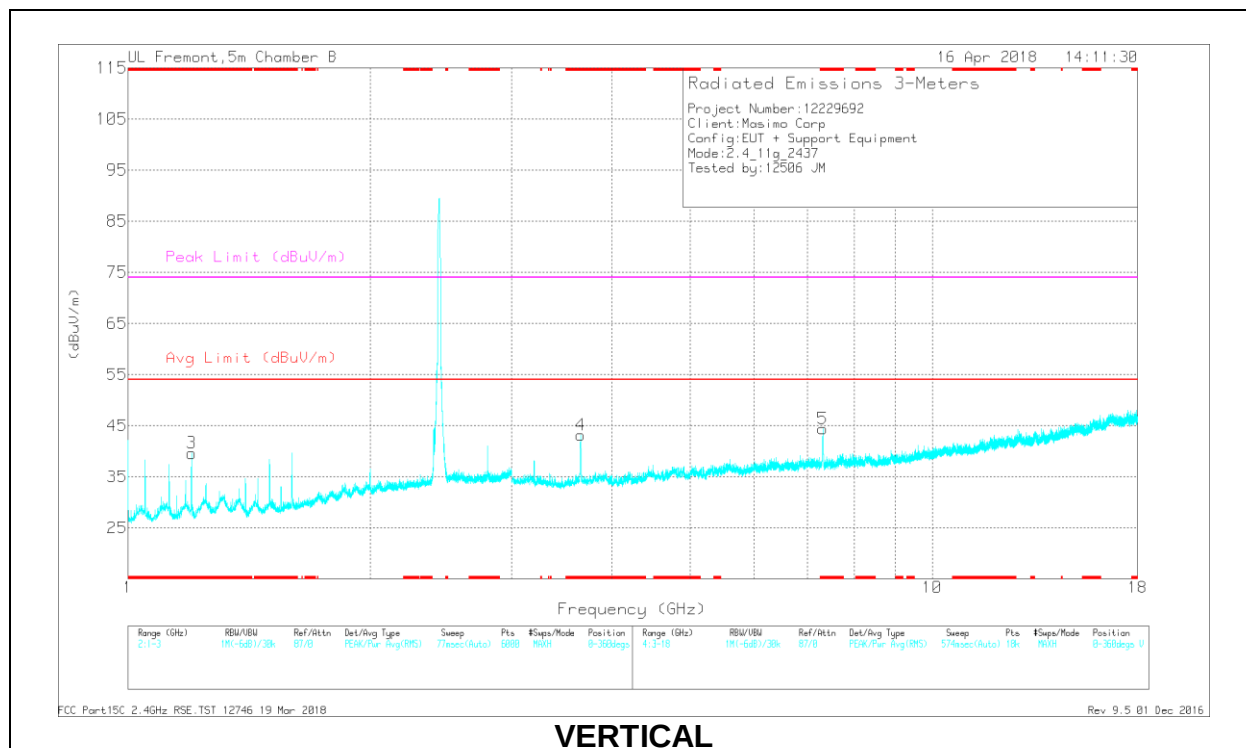
PK2 - KDB558074 Method: Maximum Peak

MAv1 - KDB558074 Option 1 Maximum RMS Average

MID CHANNEL, CH 6 RESULTS



HORIZONTAL



VERTICAL

RADIATED EMISSIONS

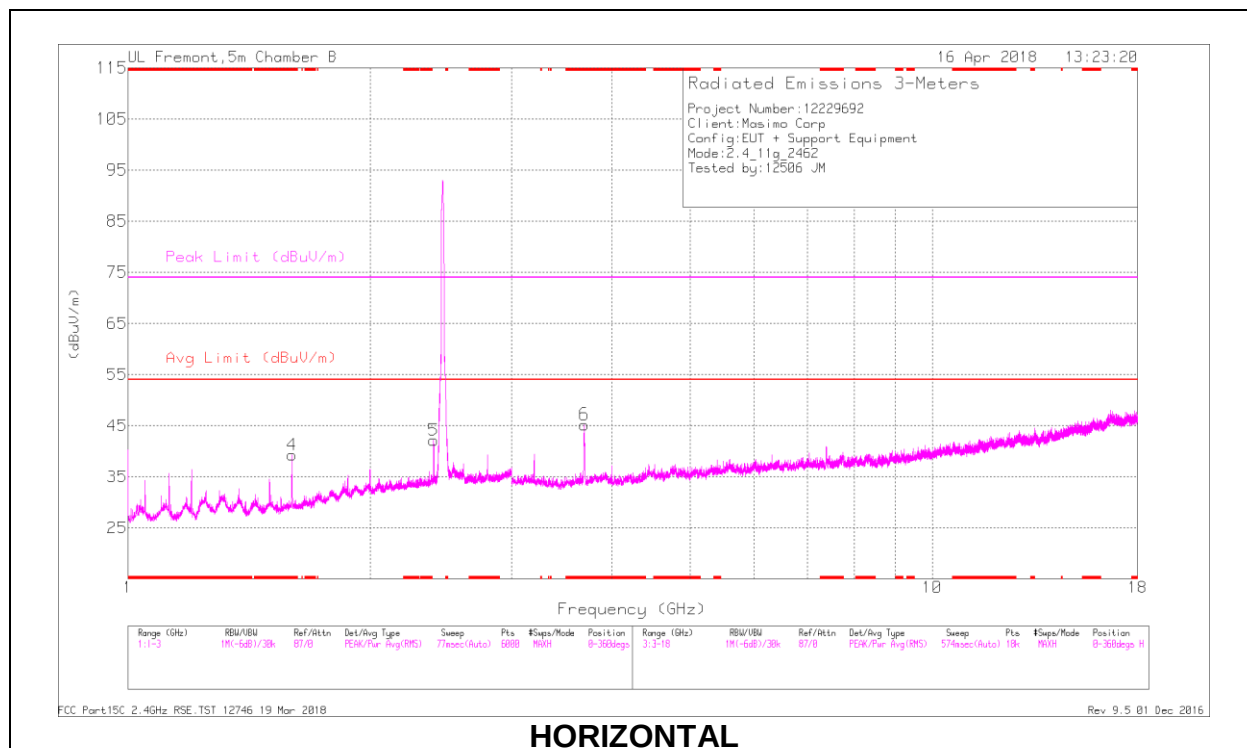
Frequency (GHz)	Meter Reading (dBuV)	Det	AF T863 (dB/m)	Amp/Cbl/Filtr/ Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
* 1.6	39.04	PK2	28.3	-21.9	0	45.44	-	-	74	-28.56	201	157	H
* 1.6	27.93	MAv1	28.3	-21.9	.29	34.62	54	-19.38	-	-	201	157	H
* 1.2	38.31	PK2	28	-22.8	0	43.51	-	-	74	-30.49	92	330	V
* 1.2	33.12	MAv1	28	-22.8	.29	38.61	54	-15.39	-	-	92	330	V
* 3.655	52.08	PK2	33.2	-31.2	0	54.08	-	-	74	-19.92	139	260	H
* 3.655	43.27	MAv1	33.2	-31.2	.29	45.56	54	-8.44	-	-	139	260	H
* 7.308	46.78	PK2	35.8	-29	0	53.58	-	-	74	-20.42	66	160	H
* 7.31	33.78	MAv1	35.9	-29	.29	40.97	54	-13.03	-	-	66	160	H
* 3.657	49.54	PK2	33.2	-31.2	0	51.54	-	-	74	-22.46	133	351	V
* 3.655	40.6	MAv1	33.2	-31.2	.29	42.89	54	-11.11	-	-	133	351	V
* 7.31	44.5	PK2	35.9	-29	0	51.4	-	-	74	-22.6	17	104	V
* 7.312	32.28	MAv1	35.9	-28.9	.29	39.57	54	-14.43	-	-	17	104	V

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

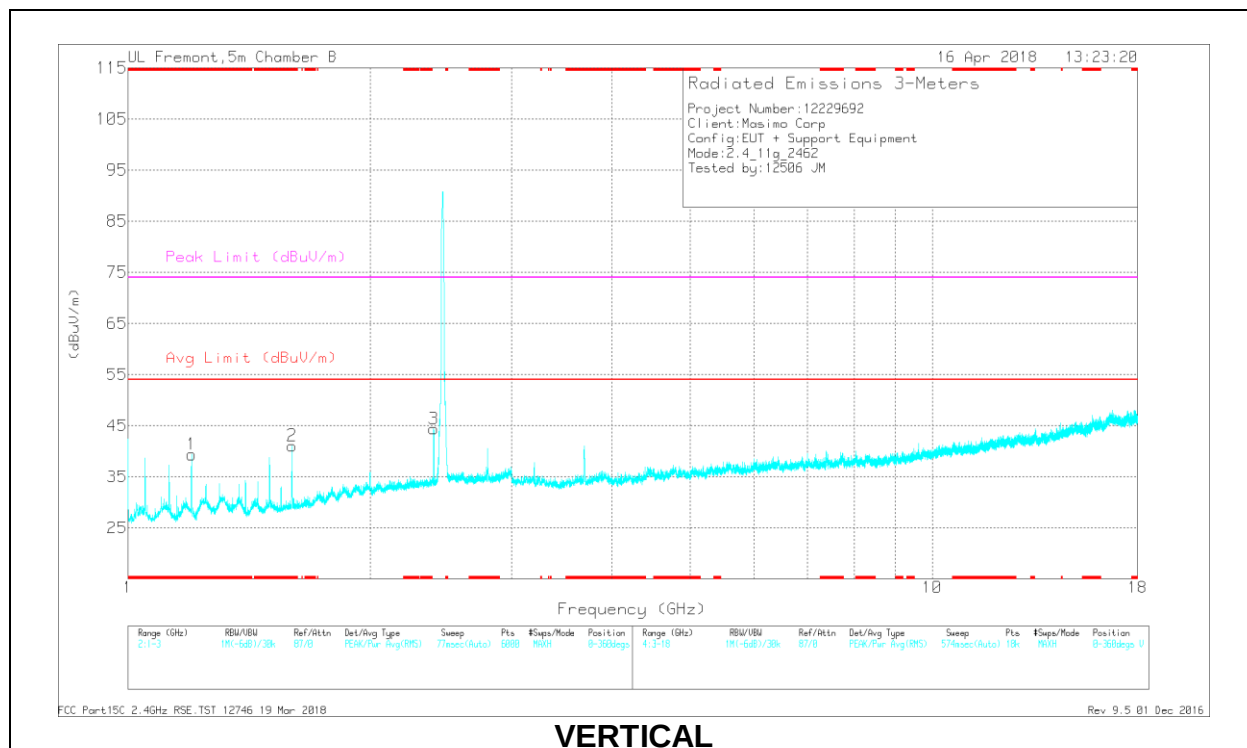
PK2 - KDB558074 Method: Maximum Peak

MAv1 - KDB558074 Option 1 Maximum RMS Average

HIGH CHANNEL, CH 11 RESULTS



HORIZONTAL



VERTICAL

RADIATED EMISSIONS

Frequency (GHz)	Meter Reading (dBuV)	Det	AF T863 (dB/m)	Amp/Cbl/Filtr/ Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
* 1.6	38	PK2	28.3	-21.9	0	44.4	-	-	74	-29.6	176	104	H
* 1.6	25.85	MAv1	28.3	-21.9	.29	32.54	54	-21.46	-	-	176	104	H
* 1.2	38.9	PK2	28	-22.8	0	44.1	-	-	74	-29.9	127	314	V
* 1.2	32.46	MAv1	28	-22.8	.29	37.95	54	-16.05	-	-	127	314	V
* 1.6	42.61	PK2	28.3	-21.9	0	49.01	-	-	74	-24.99	222	260	V
* 1.6	31.15	MAv1	28.3	-21.9	.29	37.84	54	-16.16	-	-	222	260	V
* 3.694	51.38	PK2	33.2	-31.6	0	52.98	-	-	74	-21.02	136	221	H
* 3.694	41.91	MAv1	33.2	-31.6	.29	43.8	54	-10.2	-	-	136	221	H
2.4	36.82	PK2	32	-21.6	0	47.22	-	-	-	-	78	171	H
2.4	38.82	PK2	32	-21.6	0	49.22	-	-	-	-	270	226	V

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

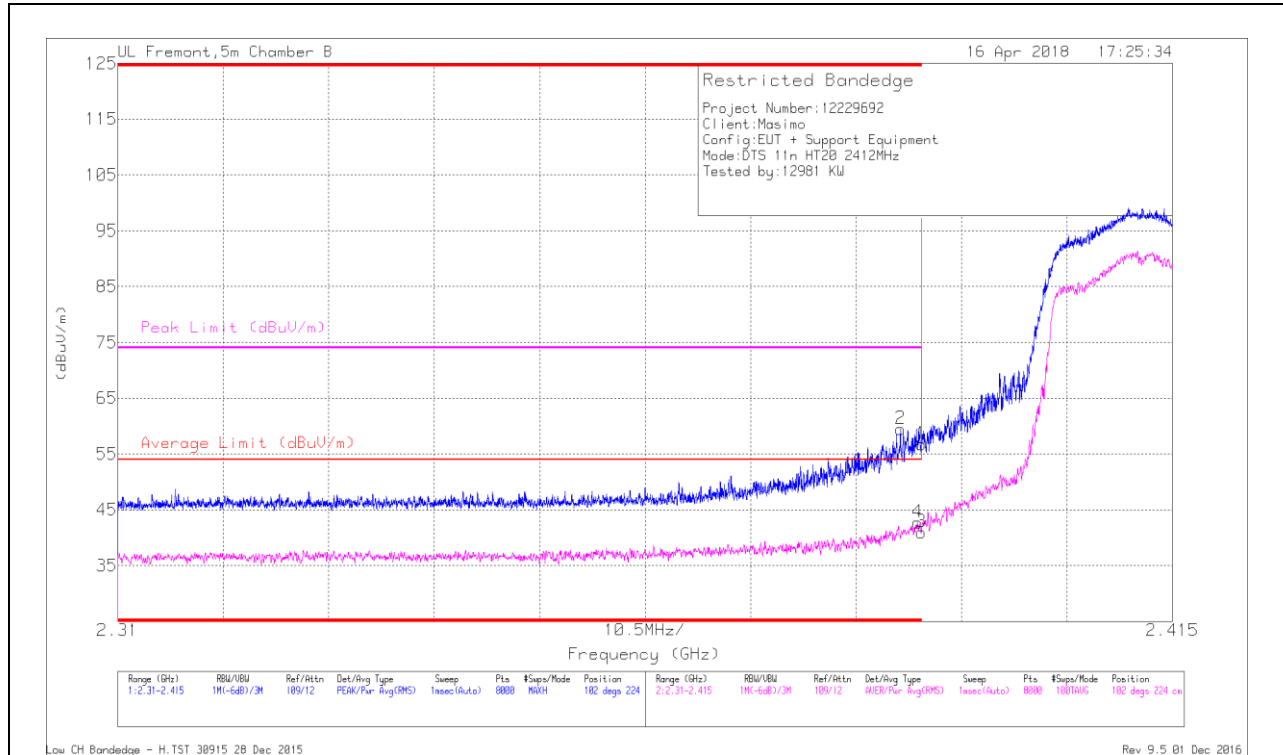
PK2 - KDB558074 Method: Maximum Peak

MAv1 - KDB558074 Option 1 Maximum RMS Average

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

BANDEDGE (LOW CHANNEL, CH 1)

HORIZONTAL RESULT



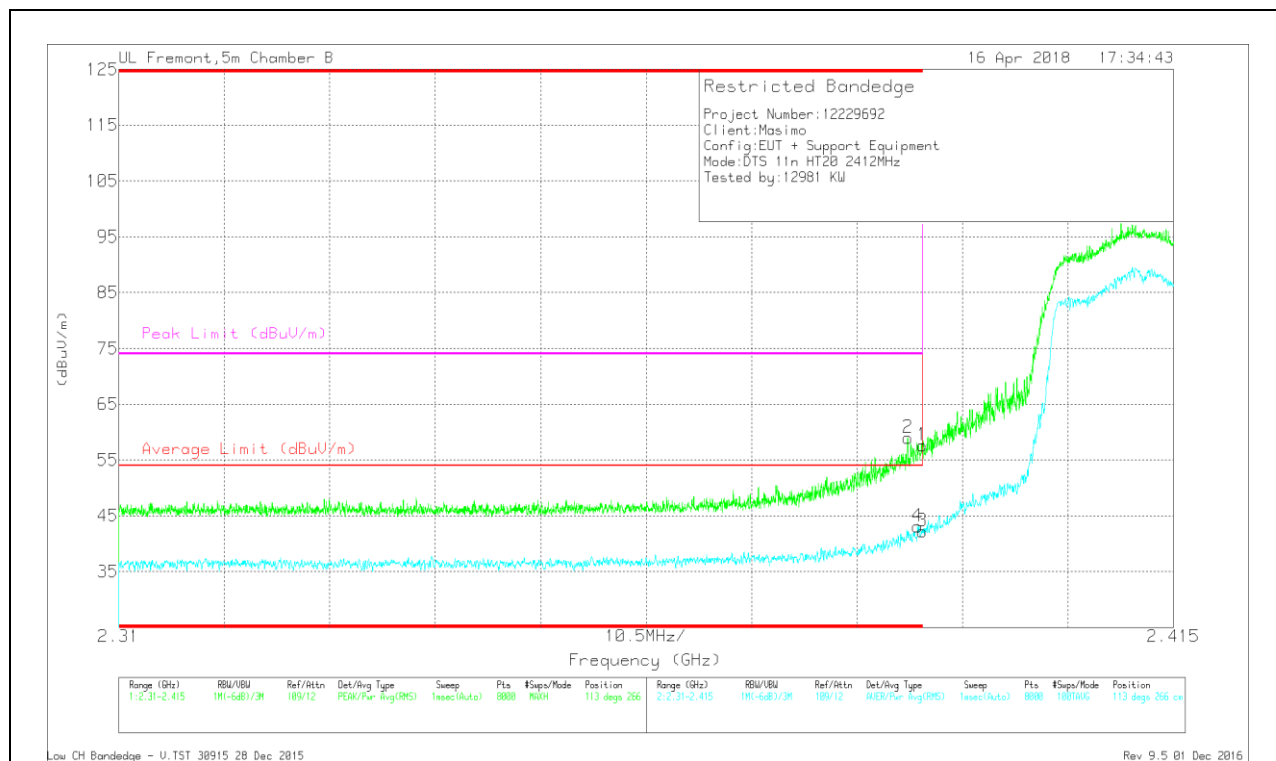
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T863 (dB/m)	Amp/ChlFilt/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.39	46.27	Pk	32	-21.5	0	56.77	-	-	74	-17.23	102	224	H
2	* 2.388	48.95	Pk	32	-21.5	0	59.45	-	-	74	-14.55	102	224	H
3	* 2.39	30.19	RMS	32	-21.5	.31	41	54	-13	-	-	102	224	H
4	* 2.39	31.9	RMS	32	-21.5	.31	42.71	54	-11.29	-	-	102	224	H

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

Pk - Peak detector

RMS - RMS detection

VERTICAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T863 (dBm)	Amp/Chl/Filt/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Altitude (Degs)	Height (cm)	Polarity
1	* 2.39	47.06	Pk	32	-21.5	0	57.56	-	-	74	-16.44	113	266	V
2	* 2.389	48.43	Pk	32	-21.5	0	58.93	-	-	74	-15.07	113	266	V
3	* 2.39	31.37	RMS	32	-21.5	.31	42.18	54	-11.82	-	-	113	266	V
4	* 2.39	32.28	RMS	32	-21.5	.31	43.09	54	-10.91	-	-	113	266	V

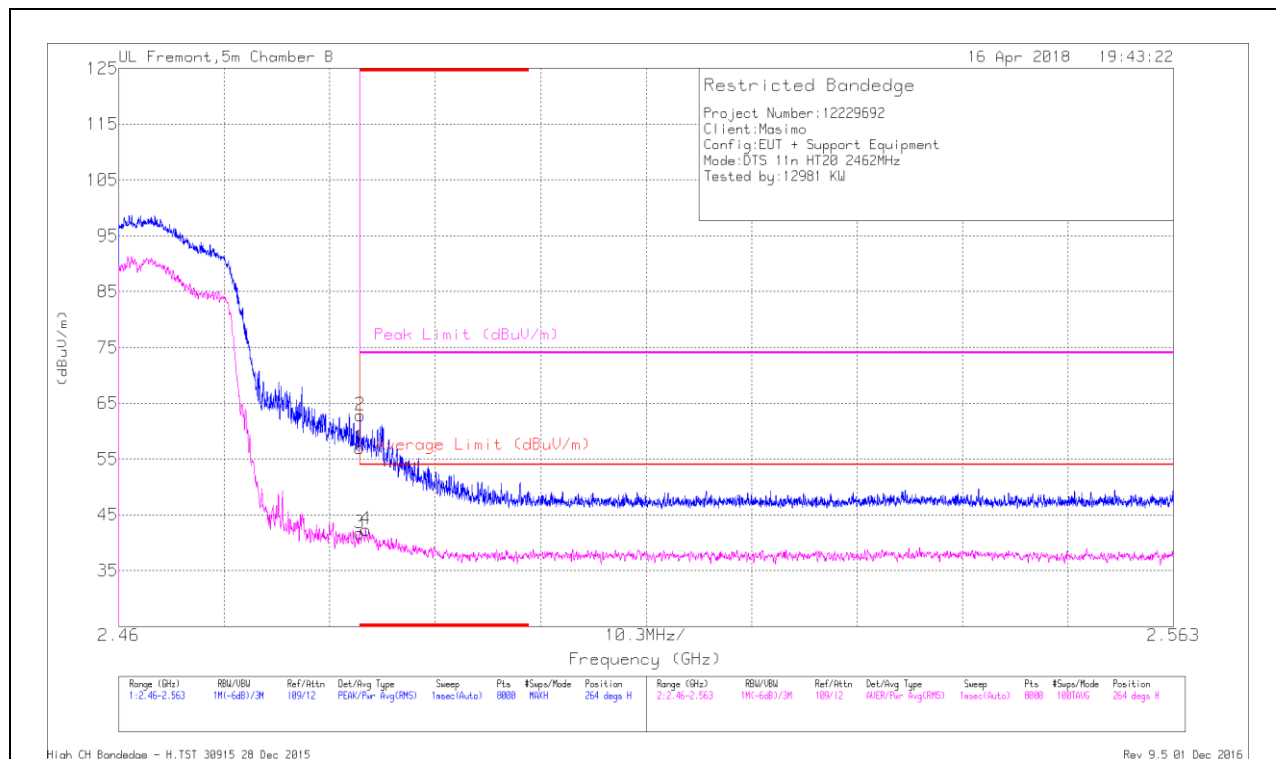
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

Pk - Peak detector

RMS - RMS detection

BANDEDGE (HIGH CHANNEL, CH 11)

HORIZONTAL RESULT



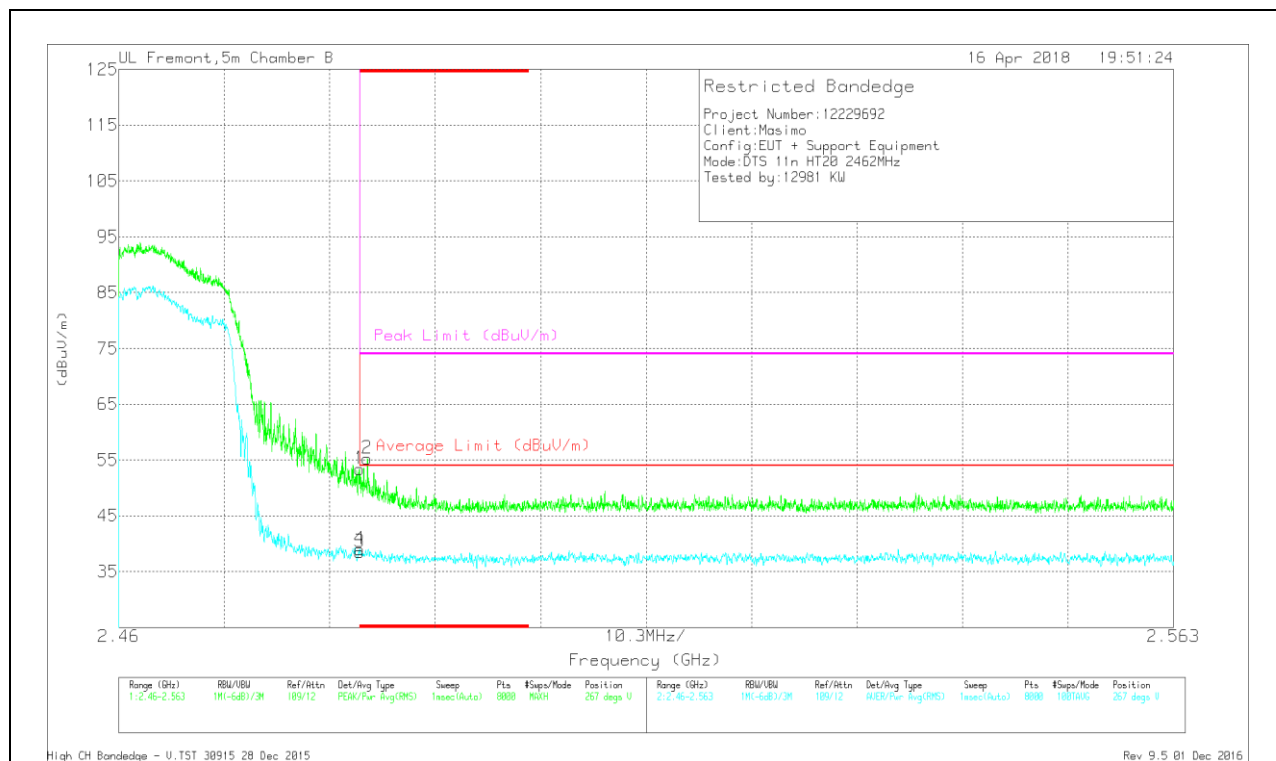
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T863 (dBm)	Amp/Chl/Filt/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.484	46.01	Pk	32.5	-21.5	0	57.01	-	-	74	-16.99	264	189	H
2	* 2.484	51.83	Pk	32.5	-21.5	0	62.83	-	-	74	-11.17	264	189	H
3	* 2.484	30.42	RMS	32.5	-21.5	.31	41.73	54	-12.27	-	-	264	189	H
4	* 2.484	31.09	RMS	32.5	-21.5	.31	42.4	54	-11.6	-	-	264	189	H

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

Pk - Peak detector

RMS - RMS detection

VERTICAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T863 (dBm)	Amp/Chl/Filt/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Altitude (Degs)	Height (cm)	Polarity
1	* 2.484	42.38	Pk	32.5	-21.5	0	53.38	-	-	74	-20.62	267	346	V
2	* 2.484	44.29	Pk	32.5	-21.5	0	55.29	-	-	74	-18.71	267	346	V
3	* 2.484	27.13	RMS	32.5	-21.5	.31	38.44	54	-15.56	-	-	267	346	V
4	* 2.484	27.72	RMS	32.5	-21.5	.31	39.03	54	-14.97	-	-	267	346	V

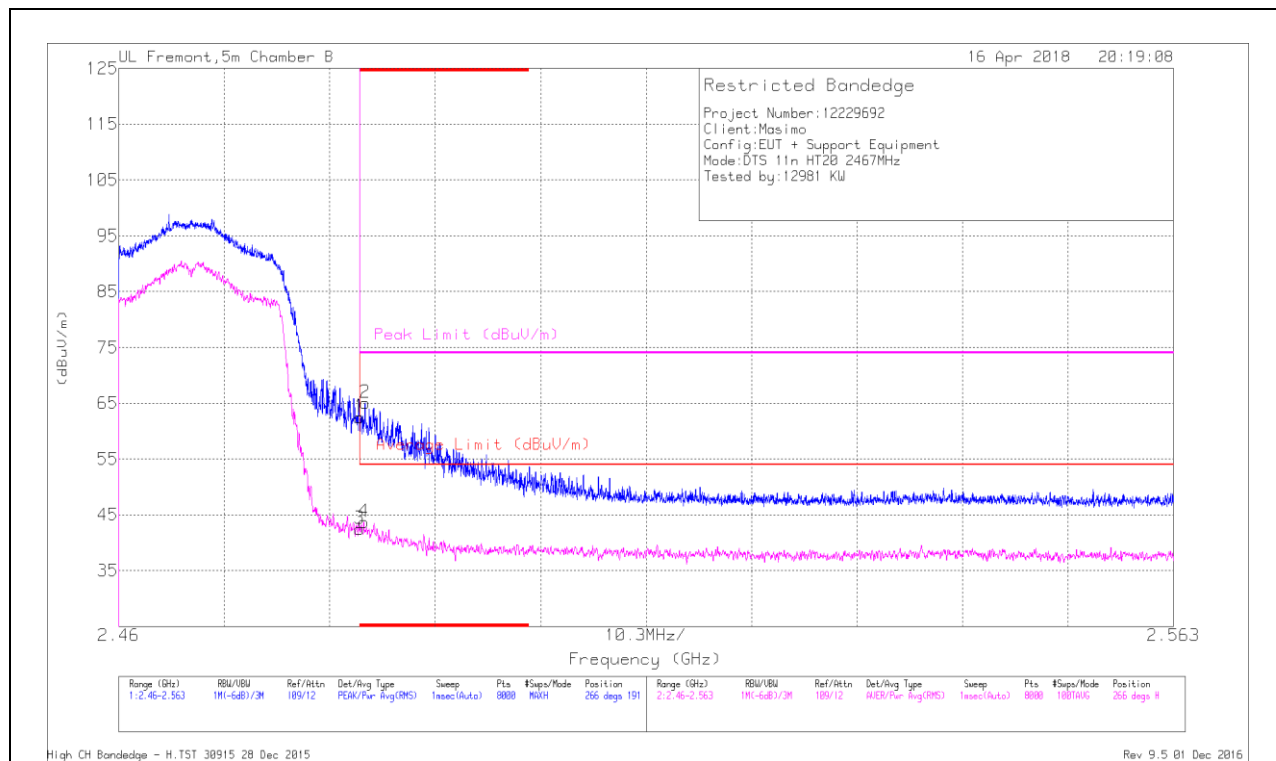
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

Pk - Peak detector

RMS - RMS detection

BANDEDGE (HIGH CHANNEL, CH 12)

HORIZONTAL RESULT



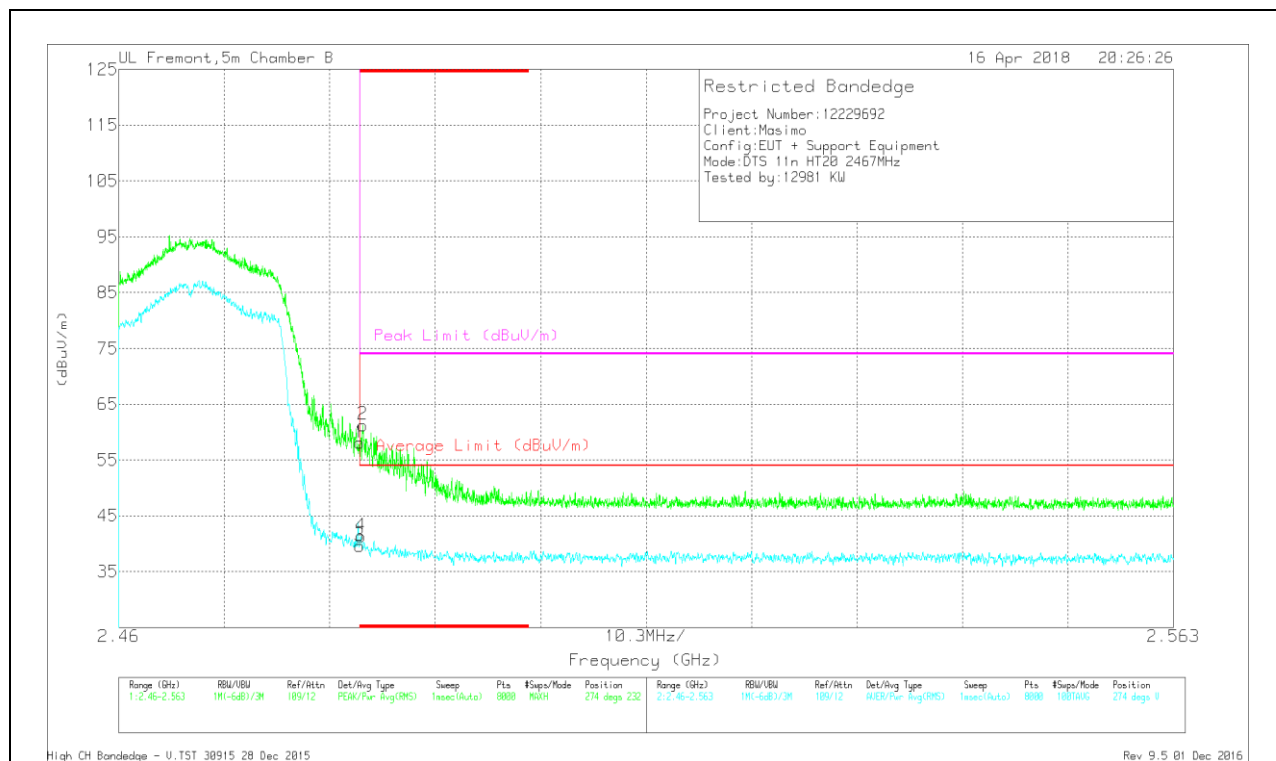
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T863 (dBm)	Ampl/Cbl/Filt/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.484	51.52	Pk	32.5	-21.5	0	62.52	-	-	74	-11.48	266	191	H
2	* 2.484	54.07	Pk	32.5	-21.5	0	65.07	-	-	74	-8.93	266	191	H
3	* 2.484	31.18	RMS	32.5	-21.5	-31	42.49	54	-11.51	-	-	266	191	H
4	* 2.484	32.39	RMS	32.5	-21.5	-31	43.7	54	-10.3	-	-	266	191	H

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

Pk - Peak detector

RMS - RMS detection

VERTICAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T863 (dBm)	AmplChlFilt/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Altitude (Degs)	Height (cm)	Polarity
1	* 2.484	47.16	Pk	32.5	-21.5	0	58.16	-	-	74	-15.84	274	232	V
2	* 2.484	50.28	Pk	32.5	-21.5	0	61.28	-	-	74	-12.72	274	232	V
3	* 2.484	28.27	RMS	32.5	-21.5	.31	39.58	54	-14.42	-	-	274	232	V
4	* 2.484	30	RMS	32.5	-21.5	.31	41.31	54	-12.69	-	-	274	232	V

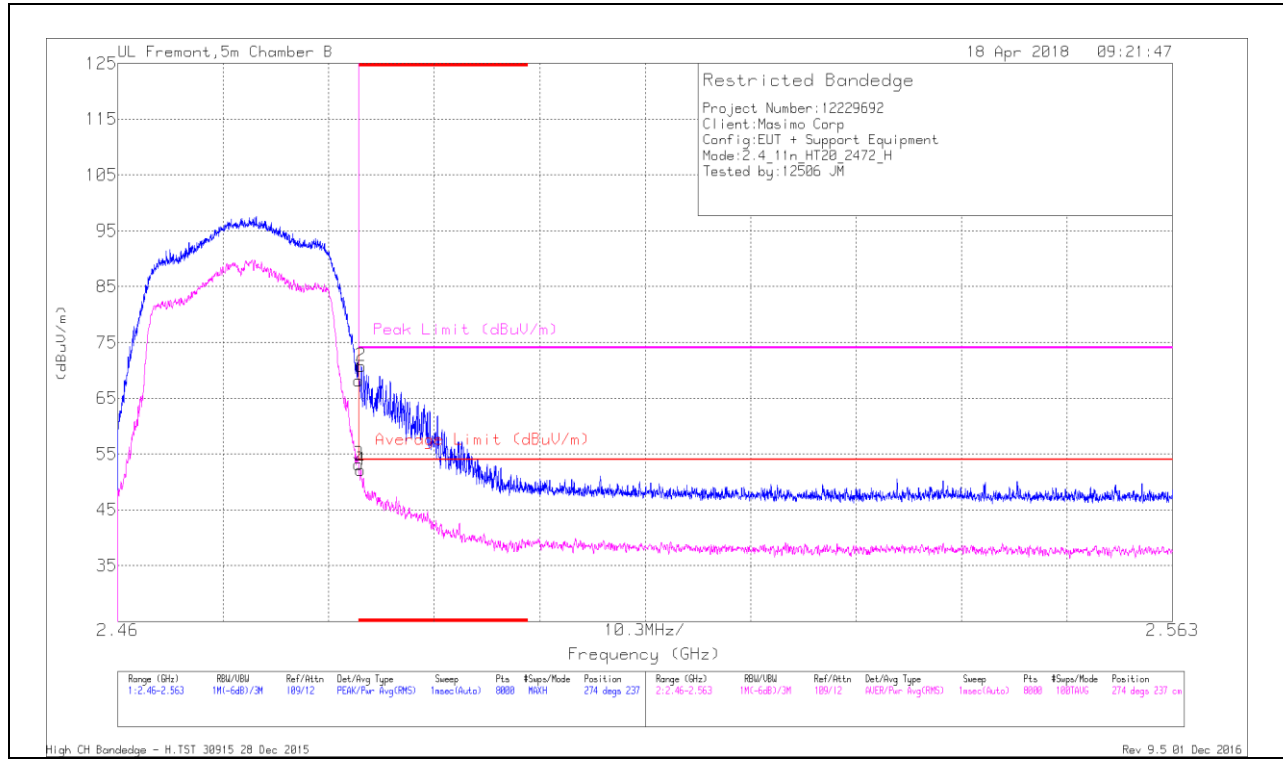
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

Pk - Peak detector

RMS - RMS detection

BANDEDGE (HIGH CHANNEL, CH 13)

HORIZONTAL RESULT



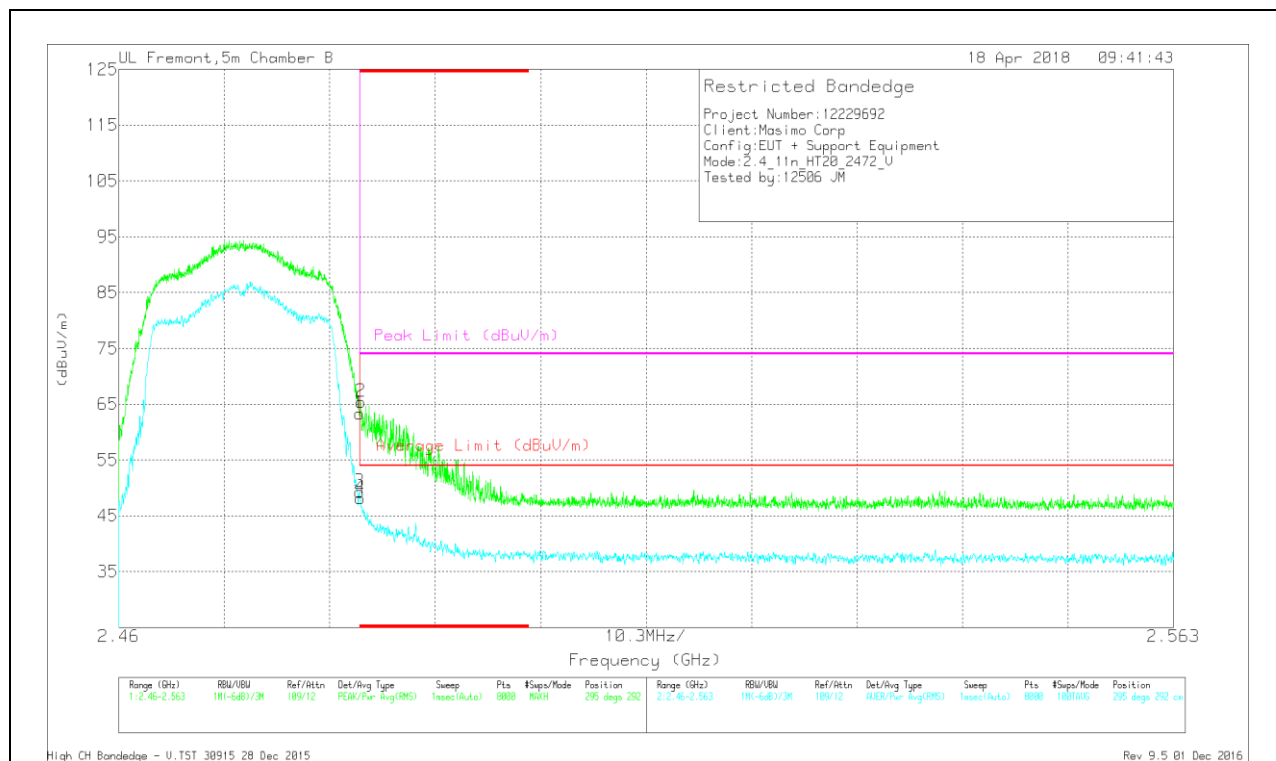
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T863 (dBm)	Amp/Chl/Filt/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.484	57.13	Pk	32.5	-21.5	0	68.13	-	-	74	-5.87	274	237	H
2	* 2.484	59.76	Pk	32.5	-21.5	0	70.76	-	-	74	-3.24	274	237	H
3	* 2.484	42.12	RMS	32.5	-21.5	.31	53.43	54	-57	-	-	274	237	H
4	* 2.484	41.15	RMS	32.5	-21.5	.31	52.46	54	-1.54	-	-	274	237	H

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

Pk - Peak detector

RMS - RMS detection

VERTICAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T863 (dBm)	Amp/Chl/Filt/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Altitude (Degs)	Height (cm)	Polarity
1	* 2.484	52.3	Pk	32.5	-21.5	0	63.3	-	-	74	-10.7	295	292	V
2	* 2.484	54.44	Pk	32.5	-21.5	0	65.44	-	-	74	-8.56	295	292	V
3	* 2.484	37.99	RMS	32.5	-21.5	.31	49.3	54	-4.7	-	-	295	292	V
4	* 2.484	36.84	RMS	32.5	-21.5	.31	48.15	54	-5.85	-	-	295	292	V

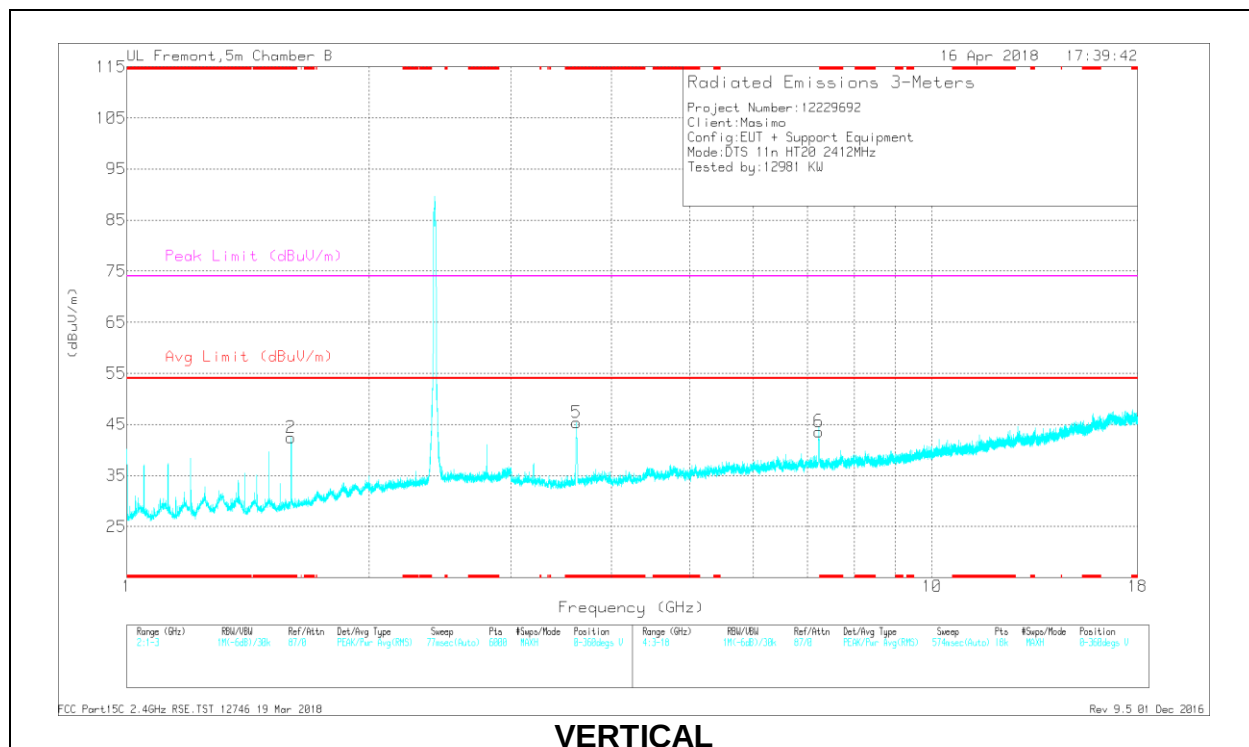
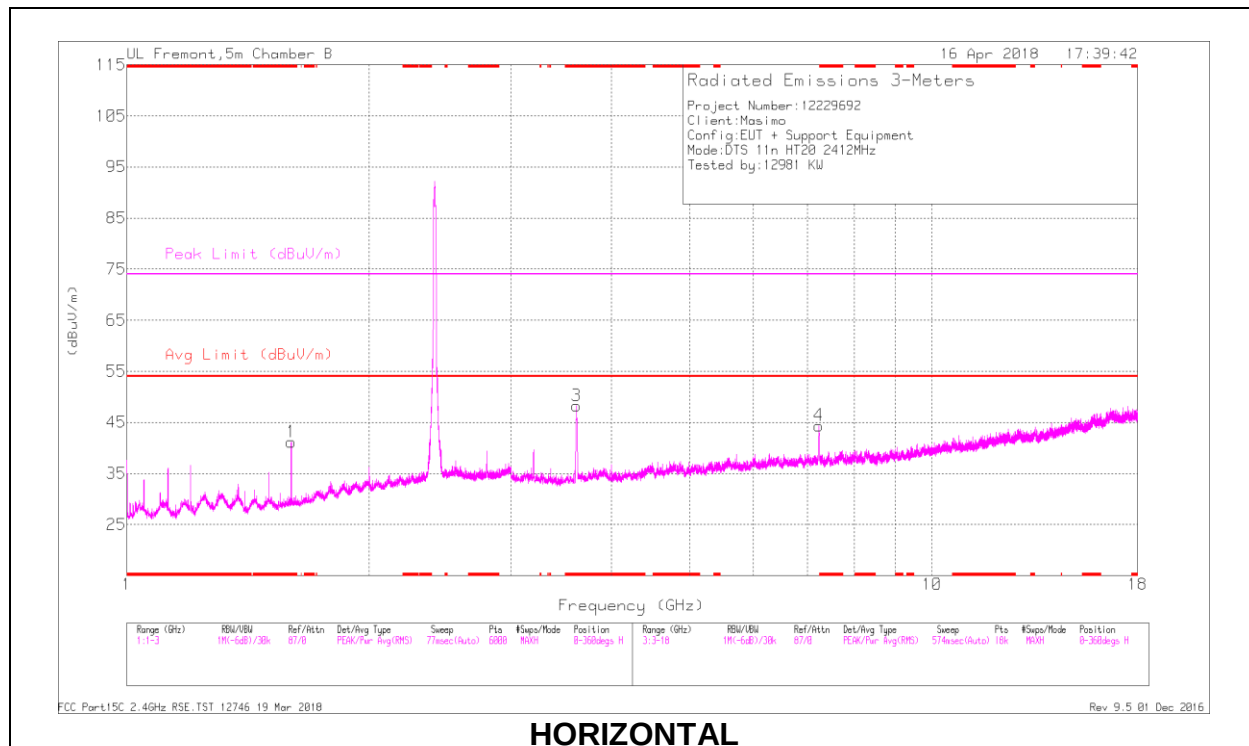
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

Pk - Peak detector

RMS - RMS detection

HARMONICS AND SPURIOUS EMISSIONS

LOW CHANNEL, CH 1 RESULTS



RADIATED EMISSIONS

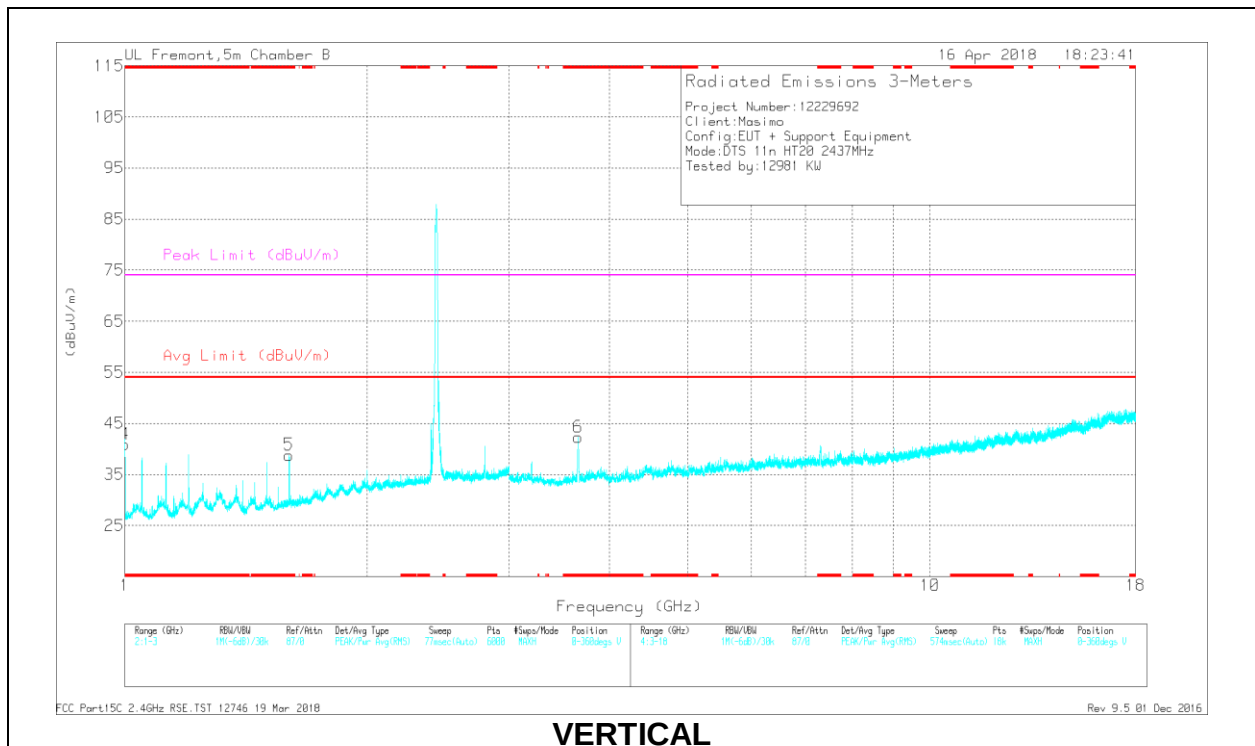
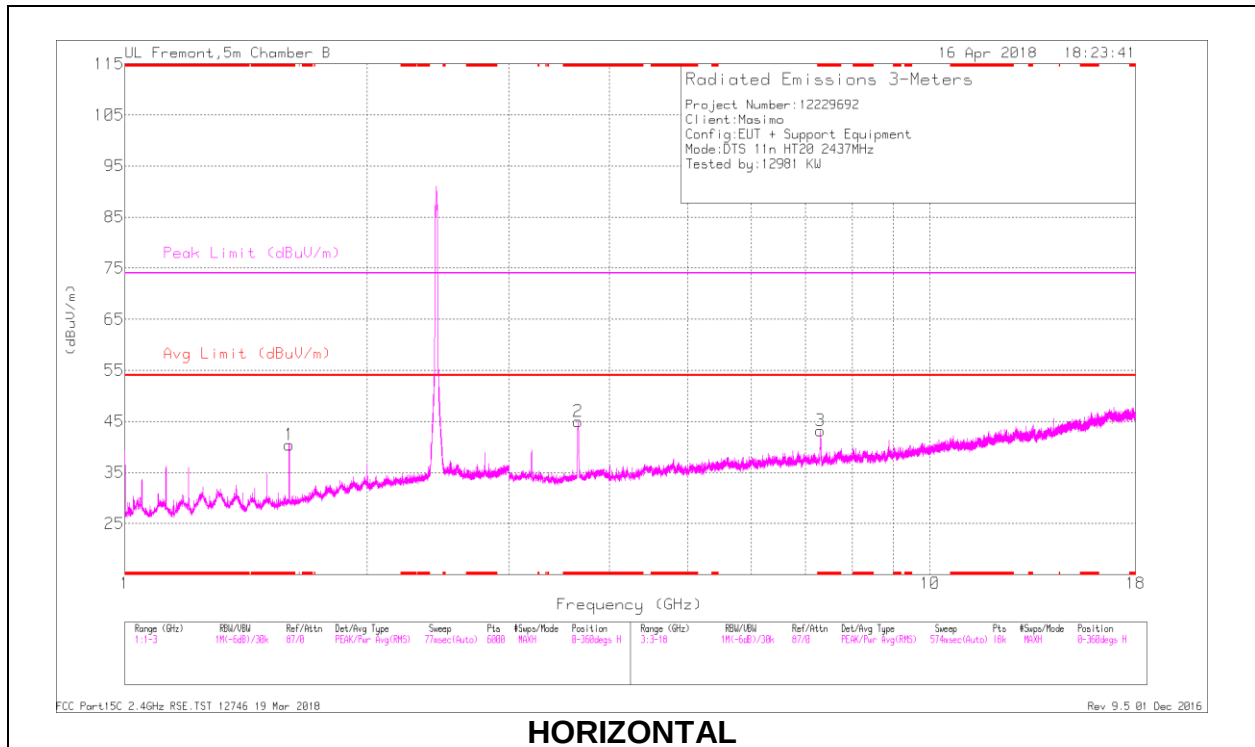
Frequency (GHz)	Meter Reading (dBuV)	Det	AF T863 (dB/m)	Amp/Cbl/Filtr/ Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
* 1.6	40.69	PK2	28.3	-21.9	0	47.09	-	-	74	-26.91	276	384	H
* 1.6	28.18	MAv1	28.3	-21.9	.31	34.89	54	-19.11	-	-	276	384	H
* 1.6	41.09	PK2	28.3	-21.9	0	47.49	-	-	74	-26.51	252	345	V
* 1.6	29.97	MAv1	28.3	-21.9	.31	36.68	54	-17.32	-	-	252	345	V
* 3.616	53.64	PK2	33.2	-31.6	0	55.24	-	-	74	-18.76	148	196	H
* 3.619	44.87	MAv1	33.2	-31.5	.31	46.88	54	-7.12	-	-	148	196	H
* 3.616	52.02	PK2	33.2	-31.6	0	53.62	-	-	74	-20.38	144	335	V
* 3.617	42.89	MAv1	33.2	-31.6	.31	44.8	54	-9.2	-	-	144	335	V
7.236	37.29	Pk	35.8	-28.7	0	44.39	-	-	-	-	0-360	199	H
7.237	36.53	Pk	35.8	-28.7	0	43.63	-	-	-	-	0-360	200	V

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

PK2 - KDB558074 Method: Maximum Peak

MAv1 - KDB558074 Option 1 Maximum RMS Average

MID CHANNEL, CH 6 RESULTS



RADIATED EMISSIONS

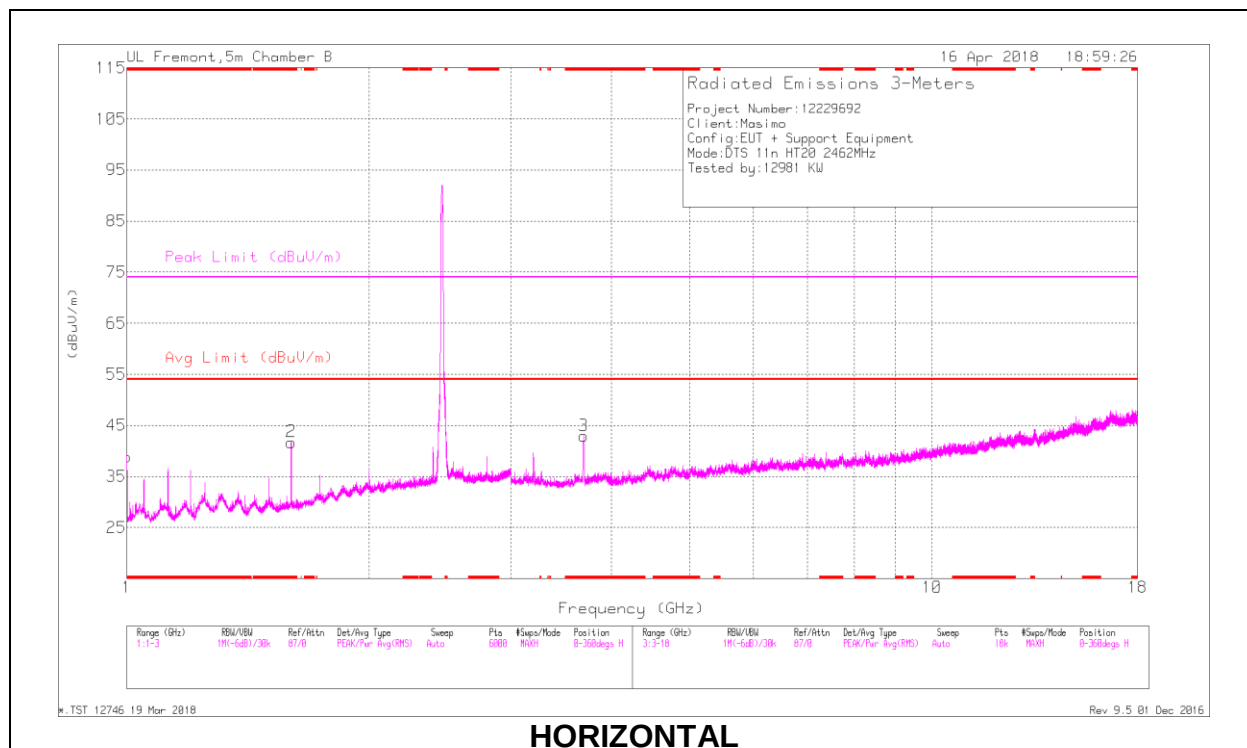
Frequency (GHz)	Meter Reading (dBuV)	Det	AF T863 (dB/m)	Amp/Cbl/Filtr/ Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
* 1	40.21	PK2	27.5	-23.9	0	43.81	-	-	74	-30.19	309	202	V
* 1	35.9	MAv1	27.5	-23.9	.31	39.81	54	-14.19	-	-	309	202	V
* 1.6	37.24	PK2	28.3	-21.9	0	43.64	-	-	74	-30.36	277	292	H
* 1.6	25.81	MAv1	28.3	-21.9	.31	32.52	54	-21.48	-	-	277	292	H
* 1.6	32.9	PK2	28.3	-21.9	0	39.3	-	-	74	-34.7	251	139	V
* 1.6	20.08	MAv1	28.3	-21.9	.31	26.79	54	-27.21	-	-	251	139	V
* 3.654	51.09	PK2	33.2	-31.2	0	53.09	-	-	74	-20.91	319	251	H
* 3.655	41.76	MAv1	33.2	-31.2	.31	44.07	54	-9.93	-	-	319	251	H
* 3.656	47.67	PK2	33.2	-31.2	0	49.67	-	-	74	-24.33	339	309	V
* 3.656	38.4	MAv1	33.2	-31.2	.31	40.71	54	-13.29	-	-	339	309	V
* 7.307	40.77	PK2	35.8	-29.1	0	47.47	-	-	74	-26.53	116	146	H
* 7.307	28.6	MAv1	35.8	-29.1	.31	35.61	54	-18.39	-	-	116	146	H

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

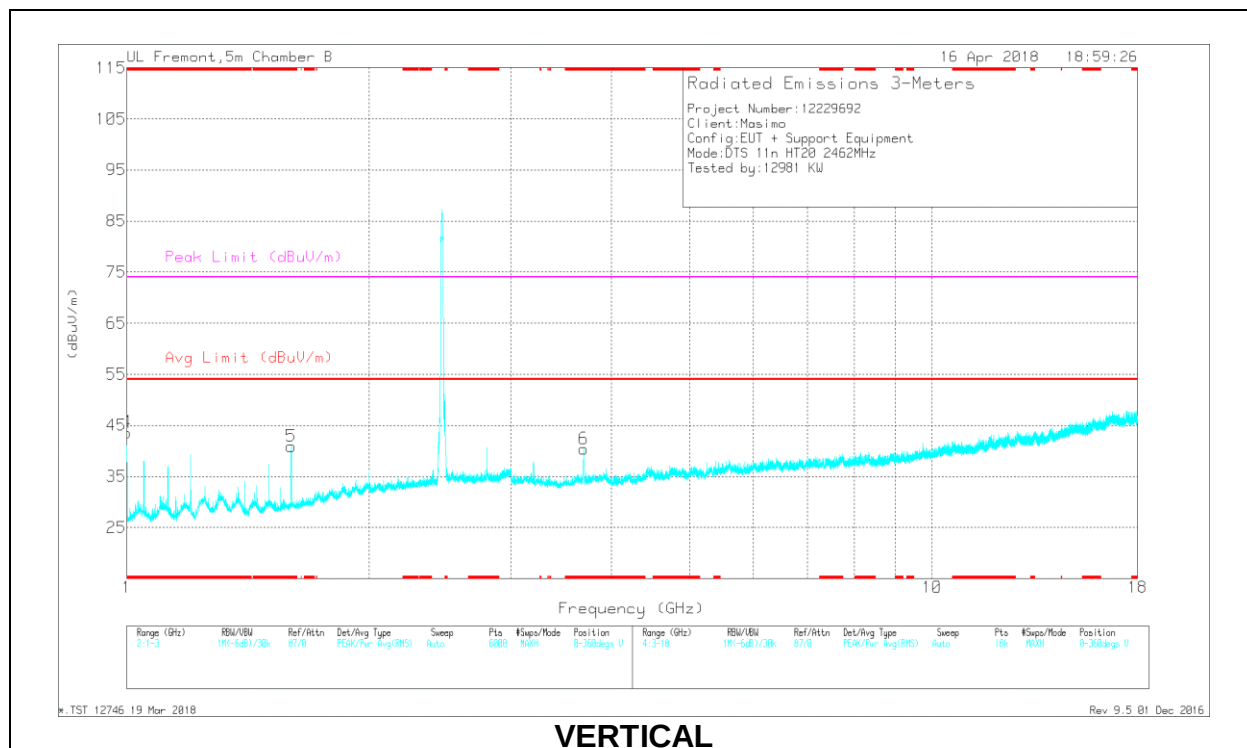
PK2 - KDB558074 Method: Maximum Peak

MAv1 - KDB558074 Option 1 Maximum RMS Average

HIGH CHANNEL, CH 11 RESULTS



HORIZONTAL



VERTICAL

RADIATED EMISSIONS

Frequency (GHz)	Meter Reading (dBuV)	Det	AF T863 (dB/m)	Amp/Cbl/Filtr/ Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
* 1	40.42	PK2	27.5	-23.9	0	44.02	-	-	74	-29.98	303	286	H
* 1	36.67	MAv1	27.5	-23.9	.31	40.58	54	-13.42	-	-	303	286	H
* 1.6	39.34	PK2	28.3	-21.9	0	45.74	-	-	74	-28.26	123	269	H
* 1.6	28.47	MAv1	28.3	-21.9	.31	35.18	54	-18.82	-	-	123	269	H
* 1	41.2	PK2	27.5	-23.9	0	44.8	-	-	74	-29.2	282	290	V
* 1	37.55	MAv1	27.5	-23.9	.31	41.46	54	-12.54	-	-	282	290	V
* 1.6	33.71	PK2	28.3	-21.9	0	40.11	-	-	74	-33.89	78	202	V
* 1.6	20.91	MAv1	28.3	-21.9	.31	27.62	54	-26.38	-	-	78	202	V
* 3.691	49.2	PK2	33.2	-31.5	0	50.9	-	-	74	-23.1	213	300	H
* 3.691	39.99	MAv1	33.2	-31.5	.31	42	54	-12	-	-	213	300	H
* 3.692	45.56	PK2	33.2	-31.6	0	47.16	-	-	74	-26.84	223	155	V
* 3.693	36.49	MAv1	33.2	-31.6	.31	38.4	54	-15.6	-	-	223	155	V

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

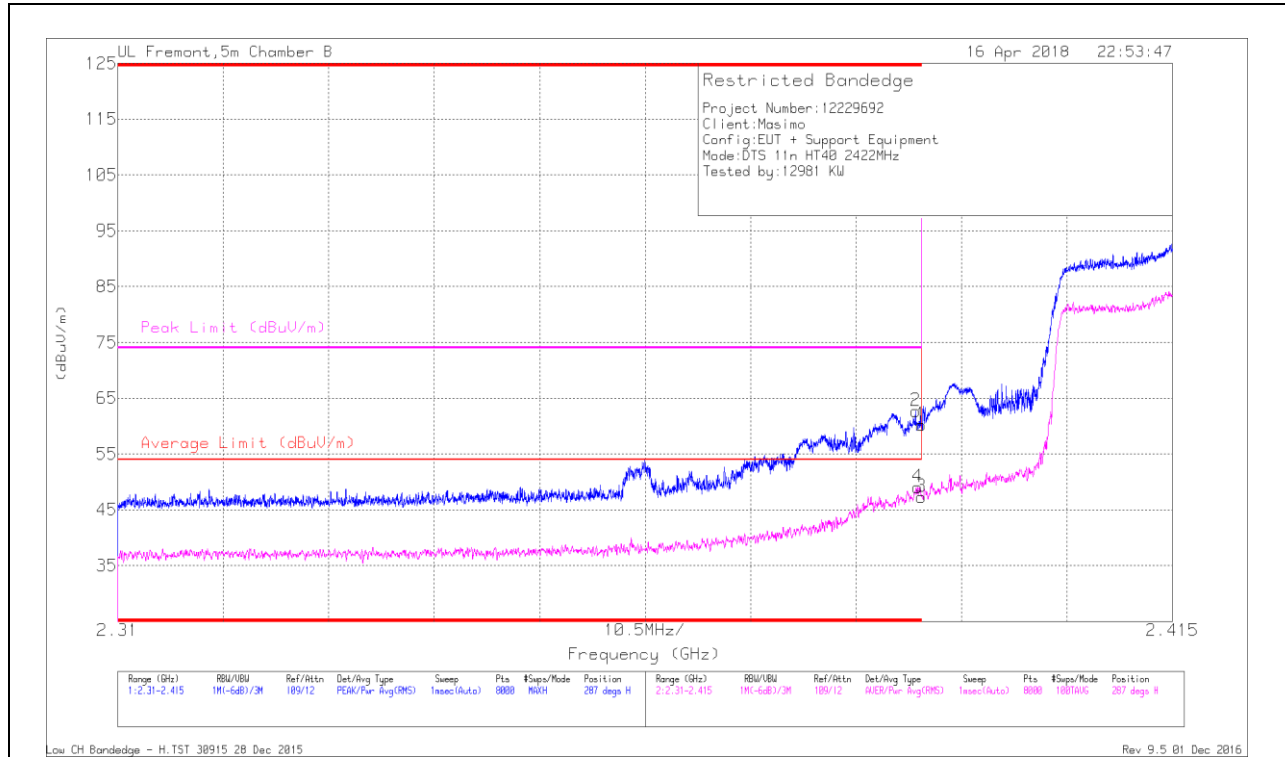
PK2 - KDB558074 Method: Maximum Peak

MAv1 - KDB558074 Option 1 Maximum RMS Average

9.1.4. TX ABOVE 1 GHz 802.11n HT40 MODE IN THE 2.4 GHz BAND

BANDEDGE (LOW CHANNEL, CH 3)

HORIZONTAL RESULT



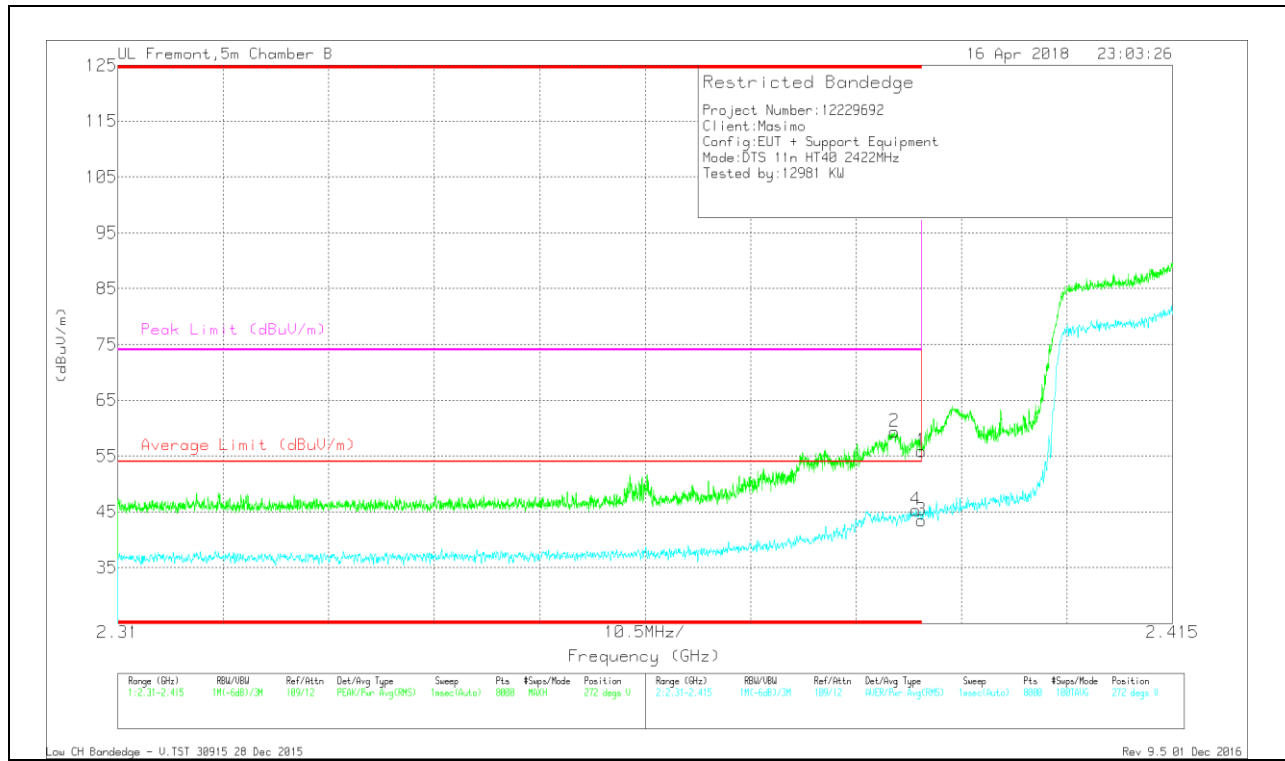
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T863 (dB/m)	AmplChlFilt/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Altitude (Degs)	Height (cm)	Polarity
2	* 2.389	52.21	Pk	32	-21.5	0	62.71	-	-	74	-11.29	287	135	H
1	* 2.39	49.74	Pk	32	-21.5	0	60.24	-	-	74	-13.76	287	135	H
3	* 2.39	36.22	RMS	32	-21.5	.62	47.34	54	-6.66	-	-	287	135	H
4	* 2.39	37.91	RMS	32	-21.5	.62	49.03	54	-4.97	-	-	287	135	H

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

Pk - Peak detector

RMS - RMS detection

VERTICAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T863 (dBm)	AmplChlFilt/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Altitude (Degs)	Height (cm)	Polarity
2	* 2.387	48.88	Pk	32	-21.5	0	59.38	-	-	74	-14.62	272	340	V
4	* 2.389	34.21	RMS	32	-21.5	.62	45.33	54	-8.67	-	-	272	340	V
1	* 2.39	45.37	Pk	32	-21.5	0	55.87	-	-	74	-18.13	272	340	V
3	* 2.39	32.39	RMS	32	-21.5	.62	43.51	54	-10.49	-	-	272	340	V

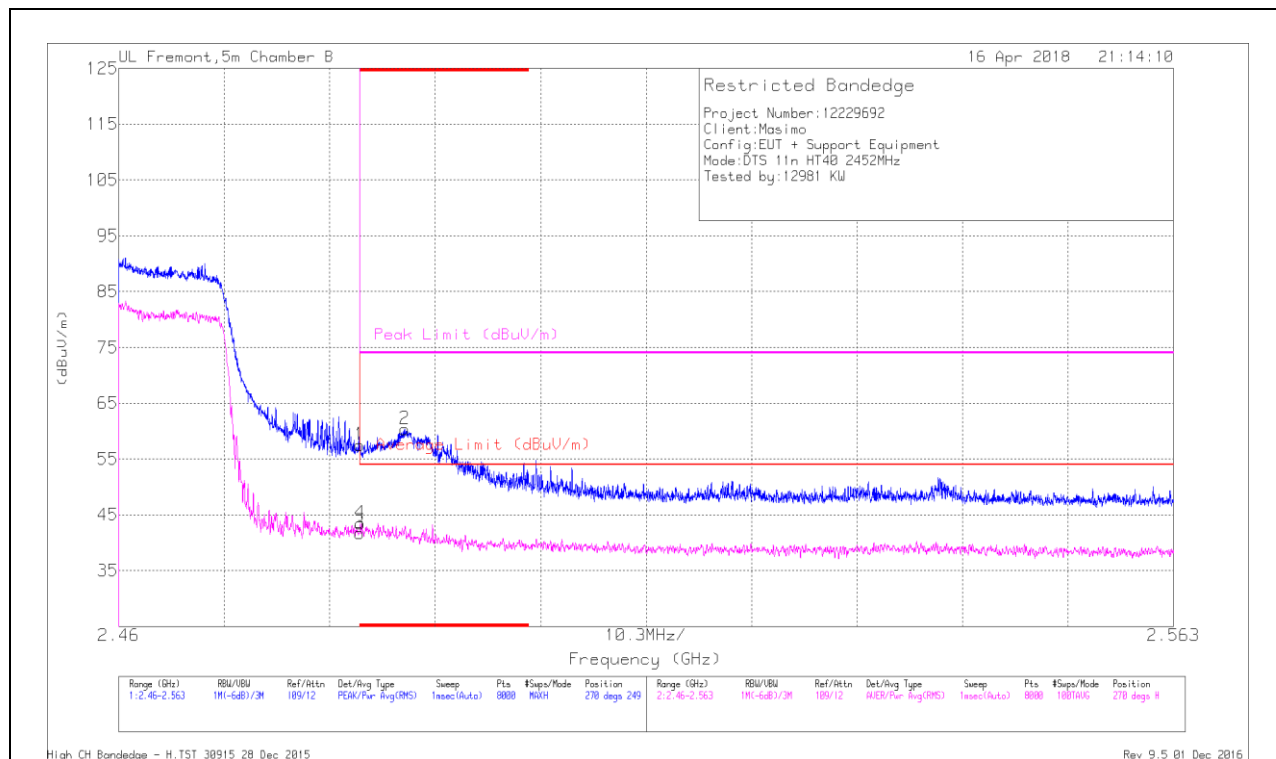
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

Pk - Peak detector

RMS - RMS detection

BANDEDGE (HIGH CHANNEL, CH 9)

HORIZONTAL RESULT



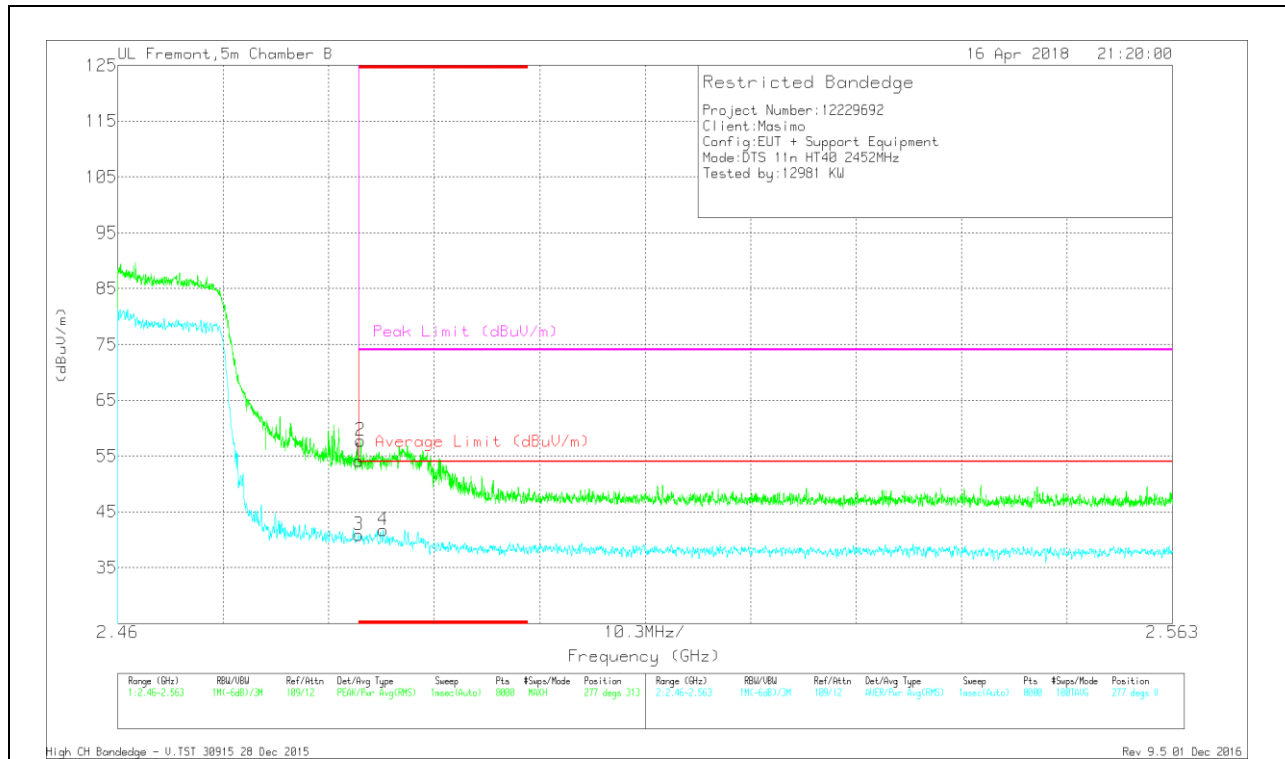
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T863 (dBm)	Ampl/Cbl/Filt/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Altitude (Degs)	Height (cm)	Polarity
1	* 2.484	46.44	Pk	32.5	-21.5	0	57.44	-	-	74	-16.56	270	249	H
3	* 2.484	30.13	RMS	32.5	-21.5	.62	41.75	54	-12.25	-	-	270	249	H
4	* 2.484	31.88	RMS	32.5	-21.5	.62	43.5	54	-10.5	-	-	270	249	H
2	* 2.488	49.33	Pk	32.5	-21.5	0	60.33	-	-	74	-13.67	270	249	H

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

Pk - Peak detector

RMS - RMS detection

VERTICAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T863 (dBm)	Ampl Chl Filt/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Altitude (Degs)	Height (cm)	Polarity
1	* 2.484	43.18	Pk	32.5	-21.5	0	54.18	-	-	74	-19.82	277	313	V
2	* 2.484	46.72	Pk	32.5	-21.5	0	57.72	-	-	74	-16.28	277	313	V
3	* 2.484	29.22	RMS	32.5	-21.5	.62	40.84	54	-13.16	-	-	277	313	V
4	* 2.486	30.09	RMS	32.5	-21.5	.62	41.71	54	-12.29	-	-	277	313	V

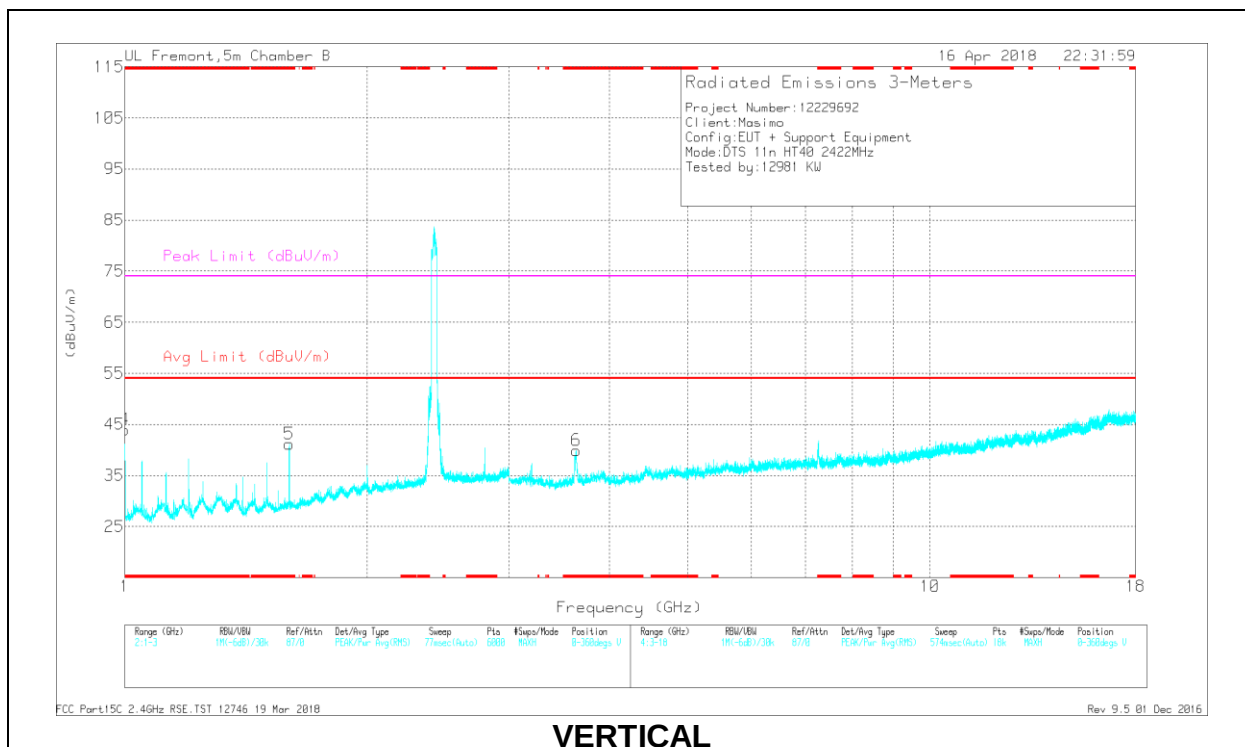
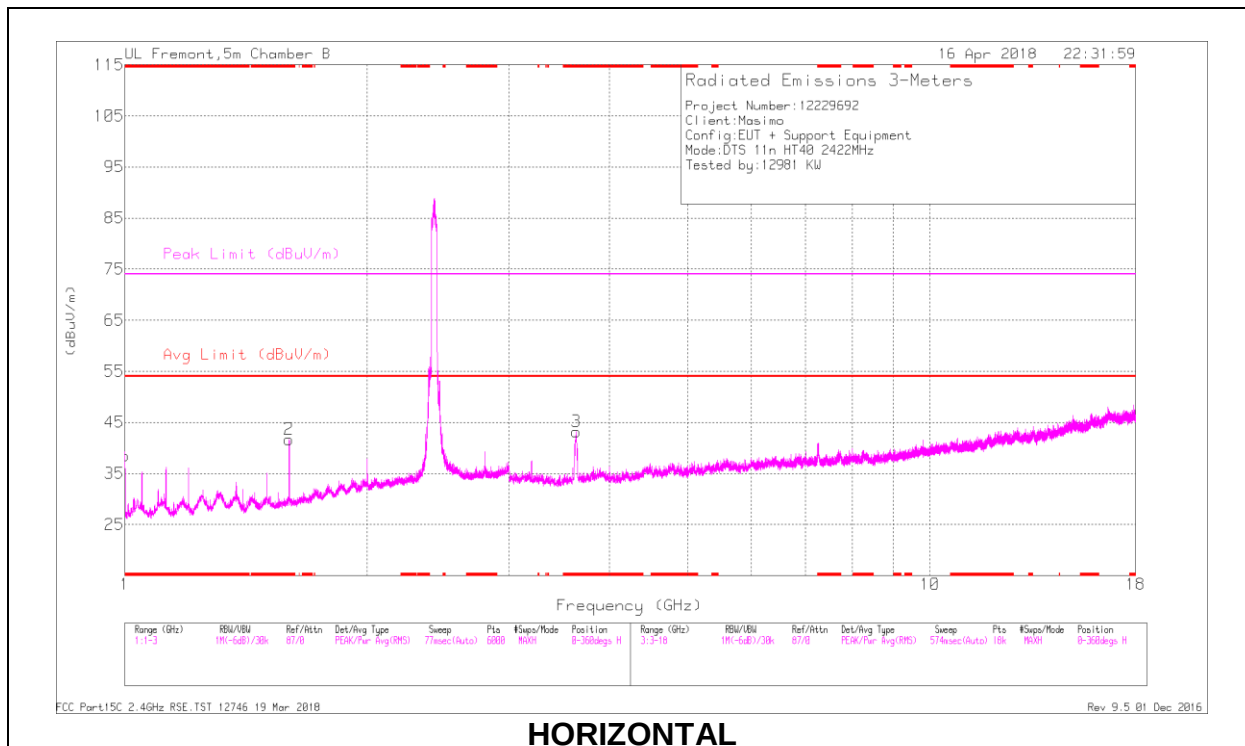
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

Pk - Peak detector

RMS - RMS detection

HARMONICS AND SPURIOUS EMISSIONS

LOW CHANNEL, CH 3 RESULTS



RADIATED EMISSIONS

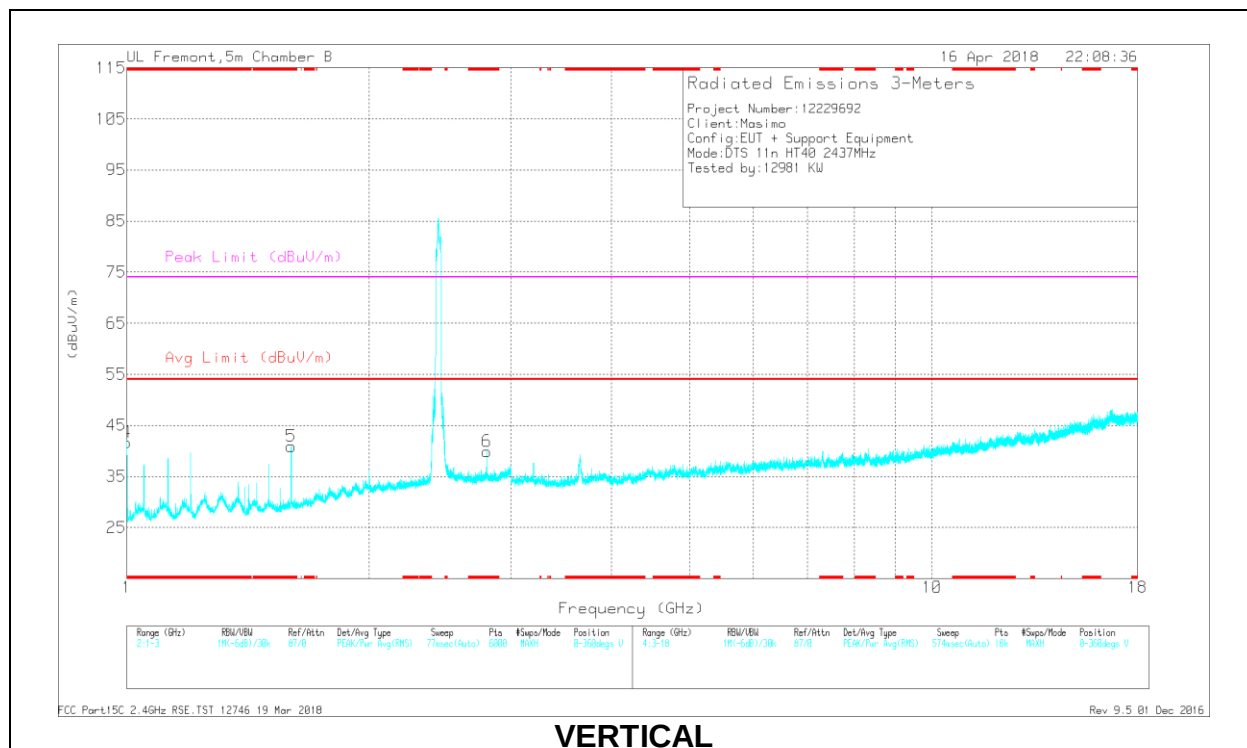
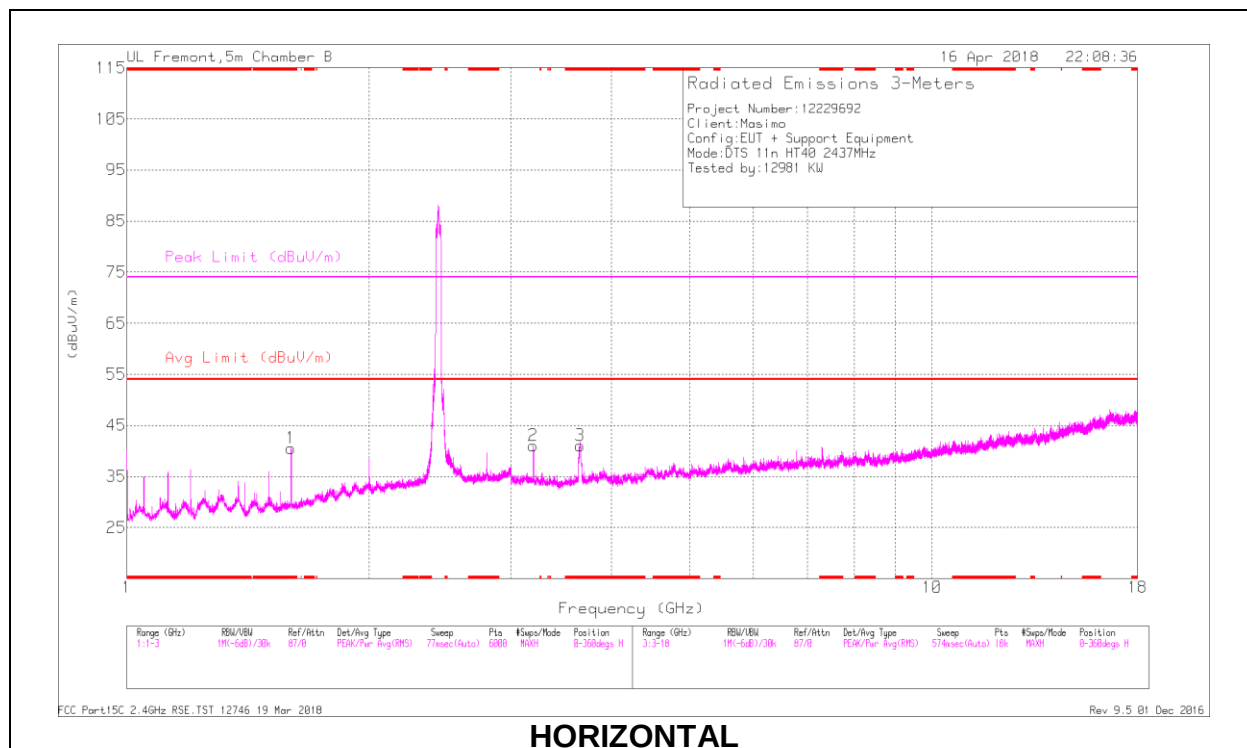
Frequency (GHz)	Meter Reading (dBuV)	Det	AF T863 (dB/m)	Amp/Cbl/Ftr/P ad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
* 1	36.75	PK2	27.5	-23.9	0	40.35	-	-	74	-33.65	77	194	H
* 1	29.73	MAv1	27.5	-23.9	.62	33.95	54	-20.05	-	-	77	194	H
* 1.6	36.99	PK2	28.3	-21.9	0	43.39	-	-	74	-30.61	116	186	H
* 1.6	26.07	MAv1	28.3	-21.9	.62	33.09	54	-20.91	-	-	116	186	H
* 1	37.64	PK2	27.5	-23.9	0	41.24	-	-	74	-32.76	225	159	V
* 1	32.78	MAv1	27.5	-23.9	.62	37	54	-17	-	-	225	159	V
* 1.6	36.1	PK2	28.3	-21.9	0	42.5	-	-	74	-31.5	316	261	V
* 1.6	26.19	MAv1	28.3	-21.9	.62	33.21	54	-20.79	-	-	316	261	V
* 3.634	45.32	PK2	33.2	-31.4	0	47.12	-	-	74	-26.88	244	184	H
* 3.634	35.75	MAv1	33.2	-31.4	.62	38.17	54	-15.83	-	-	244	184	H
* 3.636	44.07	PK2	33.2	-31.3	0	45.97	-	-	74	-28.03	99	142	V
* 3.635	32.83	MAv1	33.2	-31.4	.62	35.25	54	-18.75	-	-	99	142	V

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

PK2 - KDB558074 Method: Maximum Peak

MAv1 - KDB558074 Option 1 Maximum RMS Average

MID CHANNEL, CH 6 RESULTS



RADIATED EMISSIONS

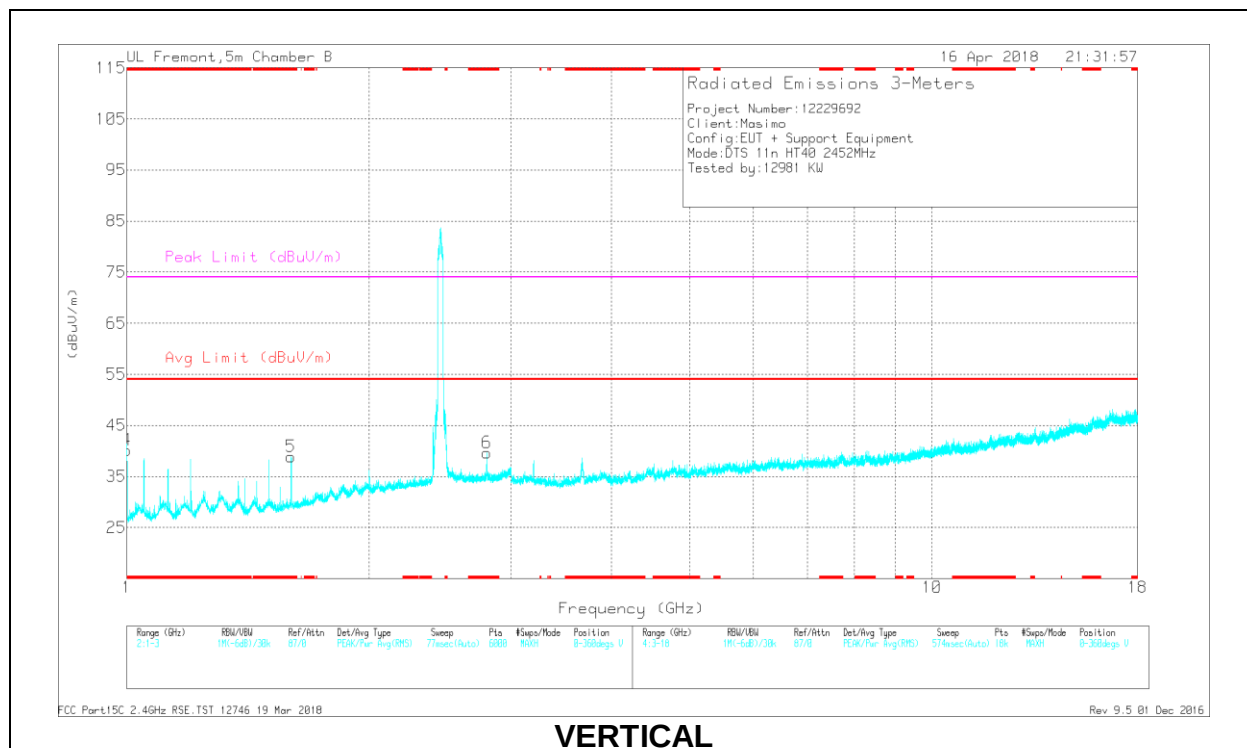
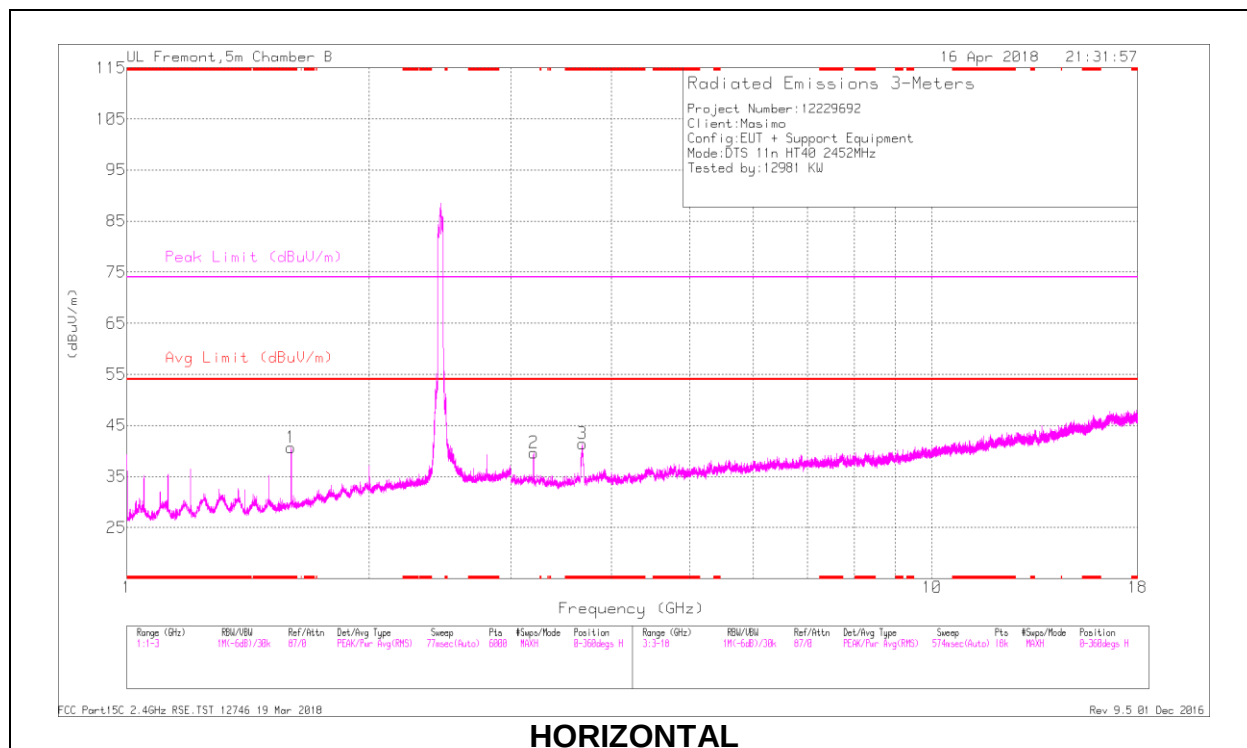
Frequency (GHz)	Meter Reading (dBuV)	Det	AF T863 (dB/m)	Amp/Cbl/Ftr/P ad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
* 1.599	37.2	PK2	28.3	-21.9	0	43.6	-	-	74	-30.4	320	181	H
* 1.6	26.09	MAv1	28.3	-21.9	.62	33.11	54	-20.89	-	-	320	181	H
* 1	37.24	PK2	27.5	-23.9	0	40.84	-	-	74	-33.16	264	161	V
* 1	32.56	MAv1	27.5	-23.9	.62	36.78	54	-17.22	-	-	264	161	V
* 1.6	37.59	PK2	28.3	-21.9	0	43.99	-	-	74	-30.01	255	256	V
* 1.6	27.46	MAv1	28.3	-21.9	.62	34.48	54	-19.52	-	-	255	256	V
* 2.8	31.86	PK2	32.4	-20.7	0	43.56	-	-	74	-30.44	223	294	V
* 2.8	21.28	MAv1	32.4	-20.7	.62	33.6	54	-20.4	-	-	223	294	V
* 3.654	44.53	PK2	33.2	-31.2	0	46.53	-	-	74	-27.47	157	250	H
3.199	39.18	Pk	33	-31.2	0	40.98	-	-	-	-	0-360	199	H

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

PK2 - KDB558074 Method: Maximum Peak

MAv1 - KDB558074 Option 1 Maximum RMS Average

HIGH CHANNEL, CH 9 RESULTS



RADIATED EMISSIONS

Frequency (GHz)	Meter Reading (dBuV)	Det	AF T863 (dB/m)	Amp/Cbl/Ftr/P ad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
* 1.6	38.45	PK2	28.3	-21.9	0	44.85	-	-	74	-29.15	165	187	H
* 1.6	27	MAv1	28.3	-21.9	.62	34.02	54	-19.98	-	-	165	187	H
* 1	38.52	PK2	27.5	-23.9	0	42.12	-	-	74	-31.88	268	111	V
* 1	33.72	MAv1	27.5	-23.9	.62	37.94	54	-16.06	-	-	268	111	V
* 1.6	33.88	PK2	28.3	-21.9	0	40.28	-	-	74	-33.72	167	135	V
* 1.6	24.24	MAv1	28.3	-21.9	.62	31.26	54	-22.74	-	-	167	135	V
* 2.799	30.73	PK2	32.4	-20.7	0	42.43	-	-	74	-31.57	255	144	V
* 2.8	19.1	MAv1	32.4	-20.7	.62	31.42	54	-22.58	-	-	255	144	V
* 3.68	45.44	PK2	33.2	-31.4	0	47.24	-	-	74	-26.76	243	177	H
3.2	37.84	Pk	33	-31.2	0	39.64	-	-	-	-	0-360	199	H

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

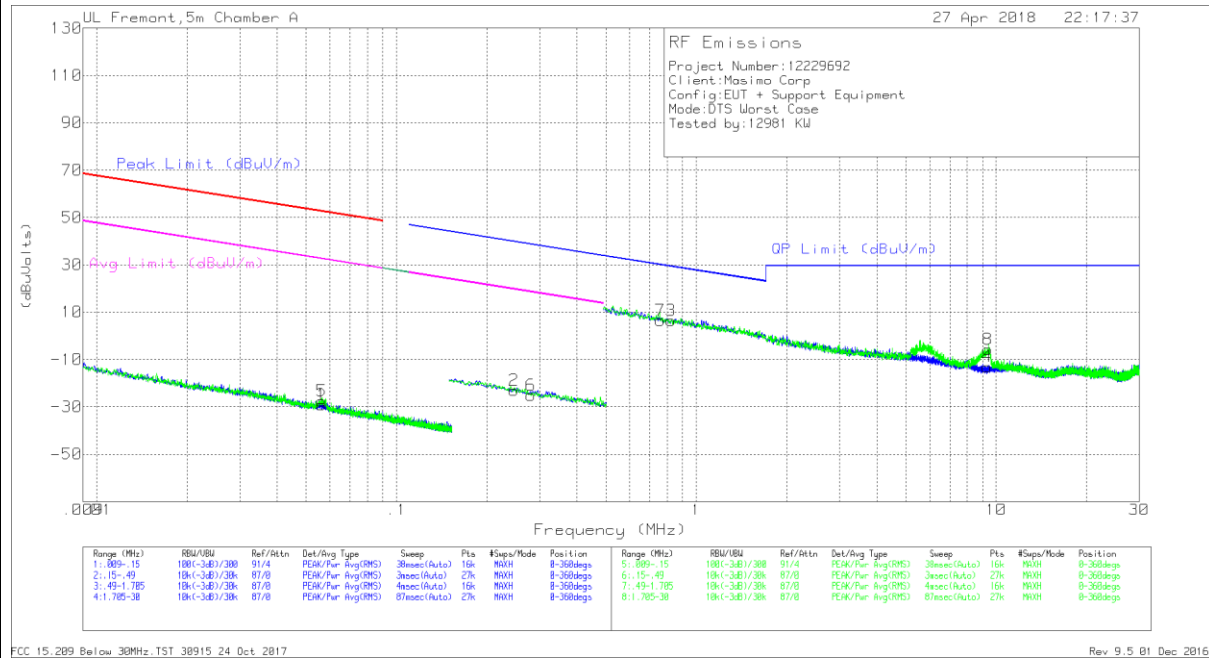
PK2 - KDB558074 Method: Maximum Peak

MAv1 - KDB558074 Option 1 Maximum RMS Average

9.2. WORST-CASE BELOW 30 MHz

SPURIOUS EMISSIONS BELOW 30 MHz (WORST-CASE CONFIGURATION)

FACE ON AND FACE OFF PLOTS



NOTE: KDB 414788 Open Field Site and Chamber Correlation Justification

- Based on FCC 15.31 (f) (2): measurements may be performed at a distance closer than that specified in the regulations; however, an attempt should be made to avoid making measurements in the near field.
- Open field site and chamber correlation testing had been performed and chamber measured test result is the worst case test result.

Trace Markers

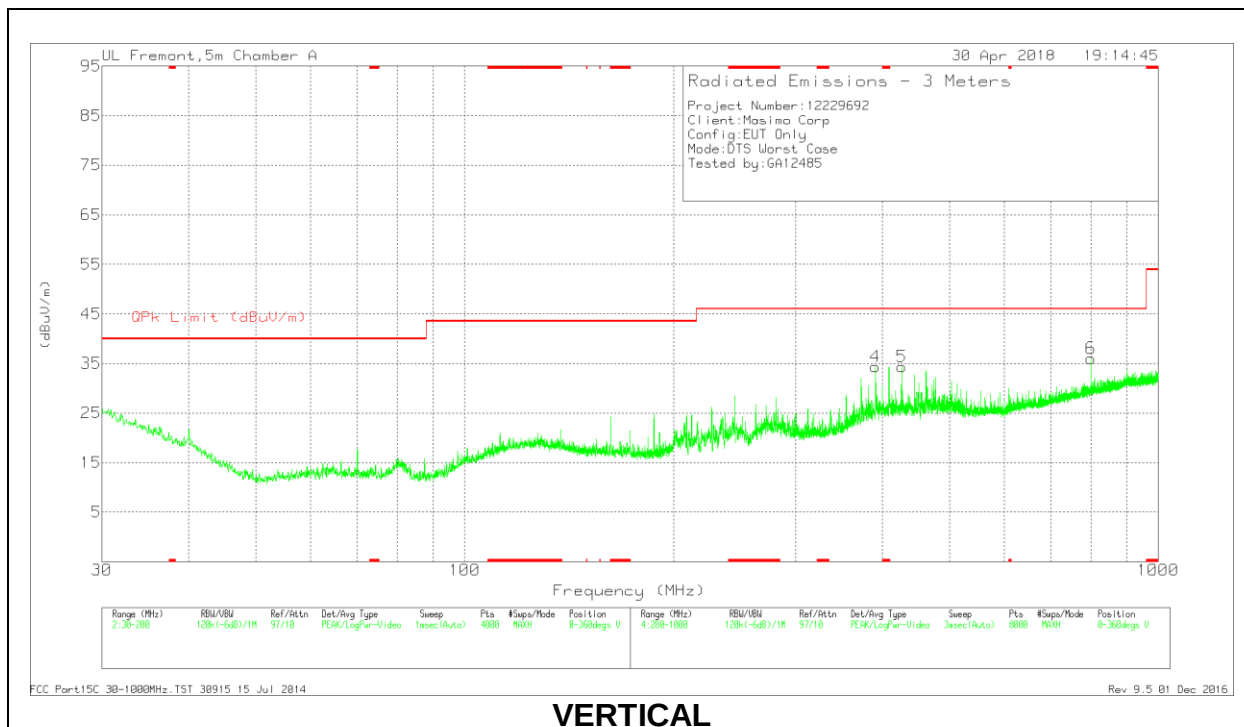
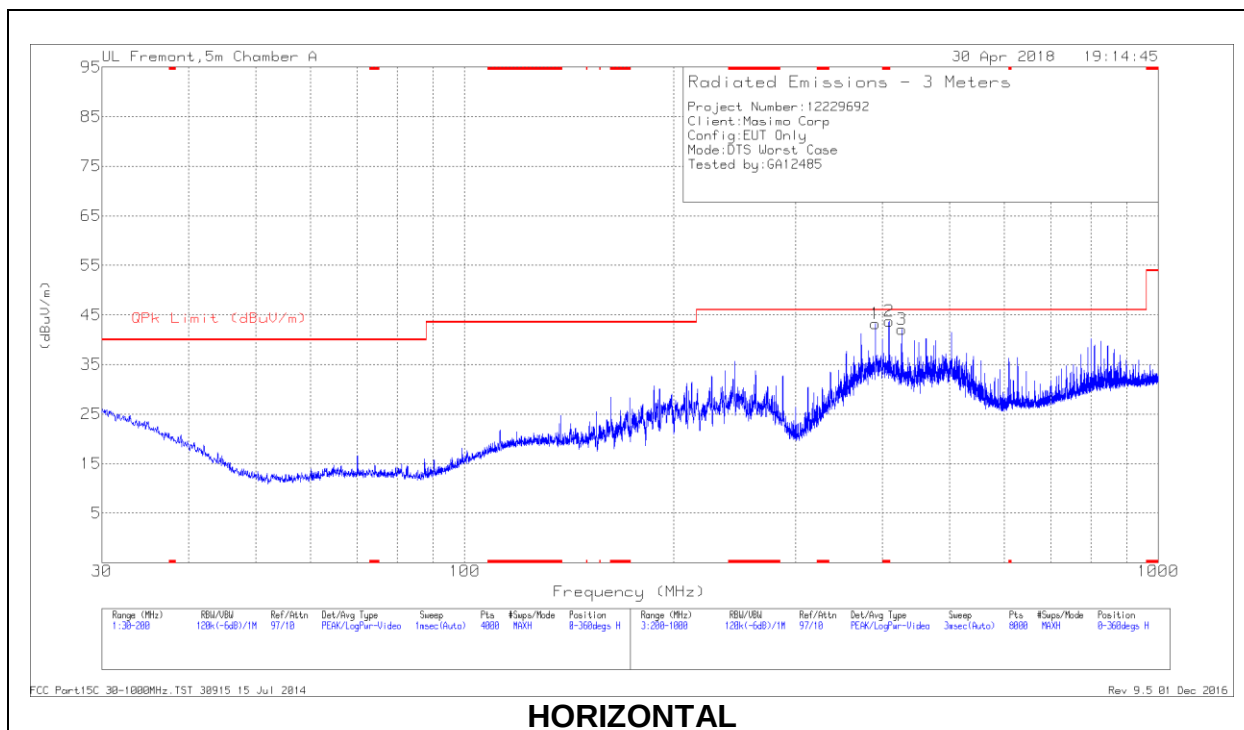
Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	Loop Antenna (dB/m)	Cbl (dB)	Dist Corr 300m	Corrected Reading (dBuVolts)	Peak Limit (dBuV/m)	Margin (dB)	Avg Limit (dBuV/m)	Margin (dB)	Azimuth (Degs)
1	.05627	36.36	Pk	14.4	.1	-80	-29.14	52.58	-81.72	32.58	-61.72	0-360
5	.05633	37.9	Pk	14.4	.1	-80	-27.6	52.57	-80.17	32.57	-60.17	0-360
2	.24647	43.03	Pk	13.9	.1	-80	-22.97	39.78	-62.75	19.78	-42.75	0-360
6	.28076	40.92	Pk	13.8	.1	-80	-25.18	38.65	-63.83	18.65	-43.83	0-360

Pk - Peak detector

Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	Loop Antenna (dB/m)	Cbl (dB)	Dist Corr 30m	Corrected Reading (dBuVolts)	QP Limit (dBuV/m)	Margin (dB)	Azimuth (Degs)
7	.75881	32.42	Pk	14	.1	-40	6.52	30.01	-23.49	0-360
3	.82368	32.37	Pk	14	.1	-40	6.47	29.3	-22.83	0-360
4	9.32344	11.96	Pk	14.5	.5	-40	-13.04	29.5	-42.54	0-360
8	9.36588	19.2	Pk	14.5	.5	-40	-5.8	29.5	-35.3	0-360

Pk - Peak detector

9.3. Worst Case Below 1 GHz



Below 1GHz DATA

Trace Markers

Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	AF T130 (dB/m)	Amp/Cbl (dB/m)	Corrected Reading (dBuV/m)	QPk Limit (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
2	* 409.0272	48.75	Pk	20	-25	43.75	46.02	-2.27	0-360	101	H
4	390.9248	40.21	Pk	19.2	-25	34.41	46.02	-11.61	0-360	300	V
1	391.0248	49.04	Pk	19.2	-25	43.24	46.02	-2.78	0-360	101	H
3	427.0295	46.69	Pk	20.5	-25.1	42.09	46.02	-3.93	0-360	101	H
5	427.0295	38.92	Pk	20.5	-25.1	34.32	46.02	-11.7	0-360	200	V
6	799.878	34.47	Pk	25.4	-23.8	36.07	46.02	-9.95	0-360	200	V

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

Pk - Peak detector

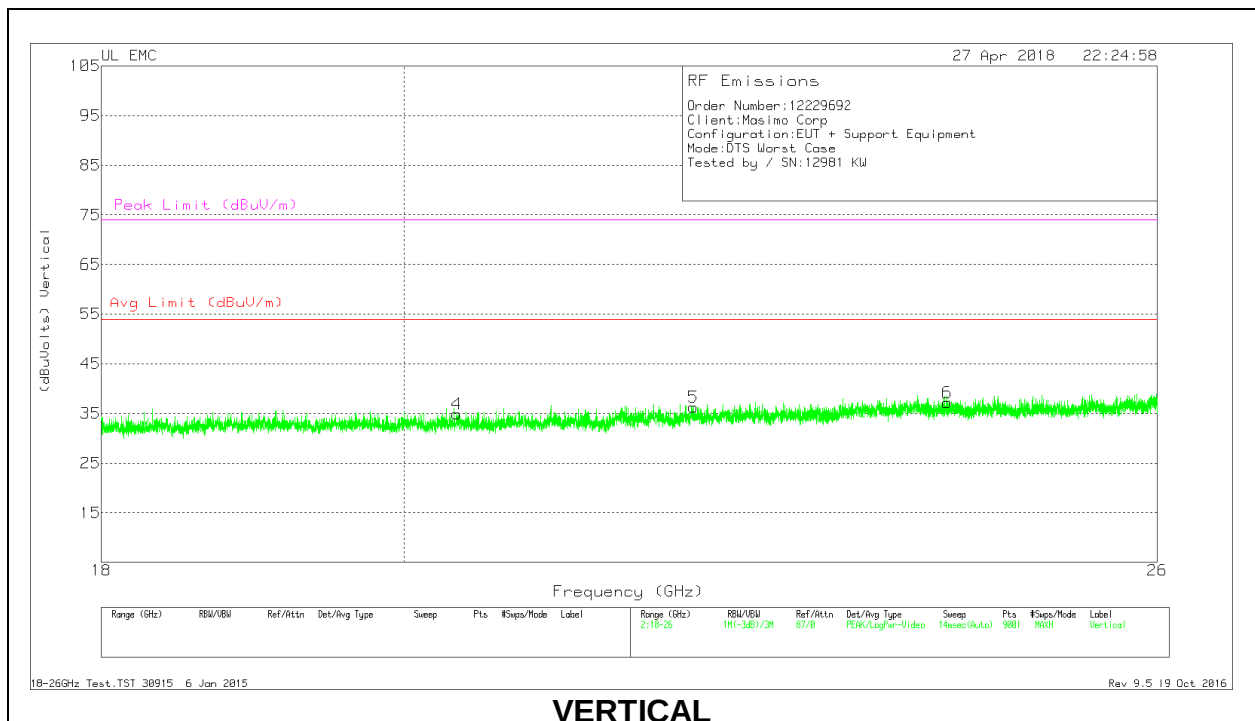
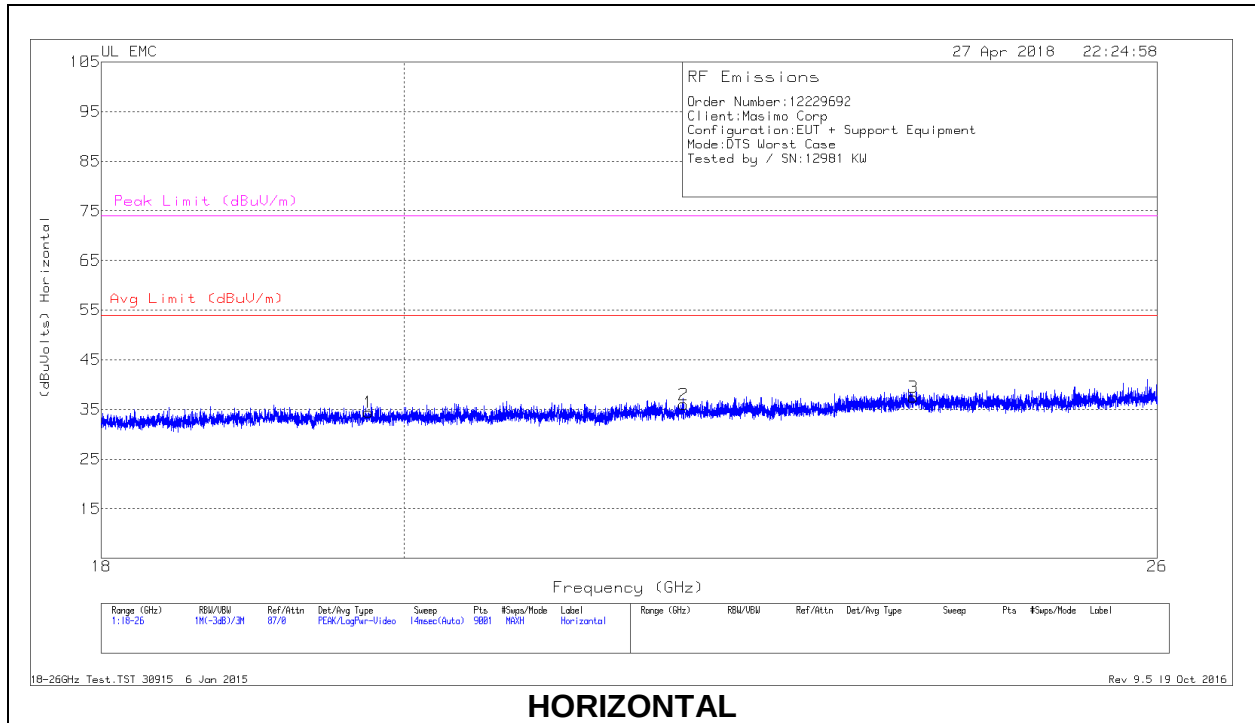
Radiated Emissions

Frequency (MHz)	Meter Reading (dBuV)	Det	AFT130 (dB/m)	Amp/Cbl (dB/m)	Corrected Reading (dBuV/m)	QPk Limit (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
* 409.0027	47.06	Qp	20	-25	42.06	46.02	-3.96	189	101	H
390.9826	47.3	Qp	19.2	-25	41.50	46.02	-4.52	182	102	H
427.0751	44.32	Qp	20.5	-25.1	39.72	46.02	-6.30	150	220	H

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

Qp - Quasi-Peak detector

9.4. Worst Case 18-26 GHz



18 – 26GHz DATA

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	T449 AF (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	19.754	36.08	Pk	32.7	-24.9	-9.5	34.38	54	-19.62	74	-39.62
2	22.044	37.4	Pk	33.4	-25.3	-9.5	36	54	-18	74	-38
3	23.88	37.13	Pk	33.9	-24.1	-9.5	37.43	54	-16.57	74	-36.57
4	20.372	36.52	Pk	33	-25.1	-9.5	34.92	54	-19.08	74	-39.08
5	22.122	37.28	Pk	33.4	-24.9	-9.5	36.28	54	-17.72	74	-37.72
6	24.164	37.3	Pk	33.9	-24.5	-9.5	37.2	54	-16.8	74	-36.8

Pk - Peak detector

10. CONDUCTED OUTPUT POWER Q VALUE SETTING

Mode	Channel	Frequency (MHz)	Power Setting	Output Power (dBm)
11b	1	2412	18	16.81
	6	2437	18	16.83
	11	2462	18	16.67
	12	2467	18	16.47
	13	2472	17	15.66
11g	1	2412	16	15.32
	6	2437	16	15.17
	11	2462	16	15.07
	12	2467	16	14.88
	13	2472	15	14.16
11n HT20	1	2412	15	13.68
	6	2437	15	13.56
	11	2462	15	13.37
	12	2467	15	13.49
	13	2472	15	13.38
11n HT40	3	2422	14	12.88
	6	2437	14	13.12
	9	2457	14	12.82

Note: the Q-Values in the report per client requested are for future reference.

11. AC POWER LINE CONDUCTED EMISSIONS

LIMITS

FCC §15.207 (a)

RSS-Gen 8.8

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

* Decreases with the logarithm of the frequency.

TEST PROCEDURE

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

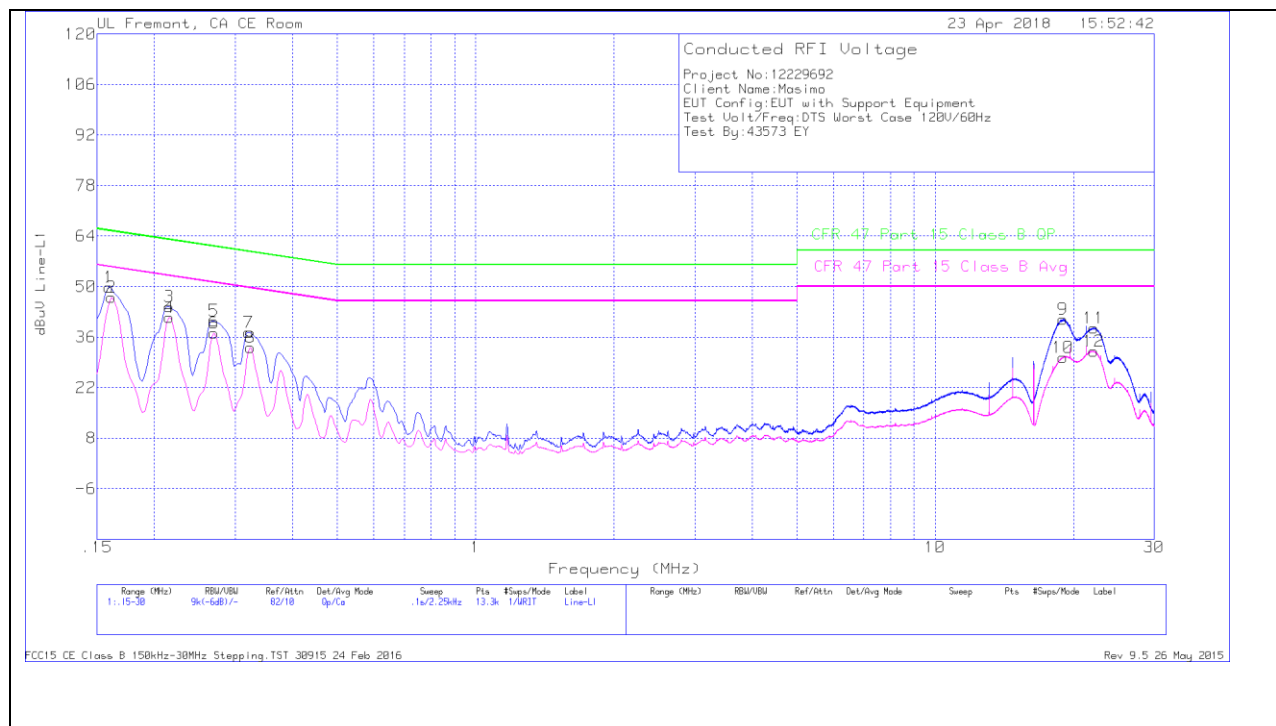
The receiver is set to a resolution bandwidth of 9 kHz. Peak detection is used unless otherwise noted as quasi-peak or average.

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

RESULTS

AC Power Line Norm

LINE 1 RESULTS

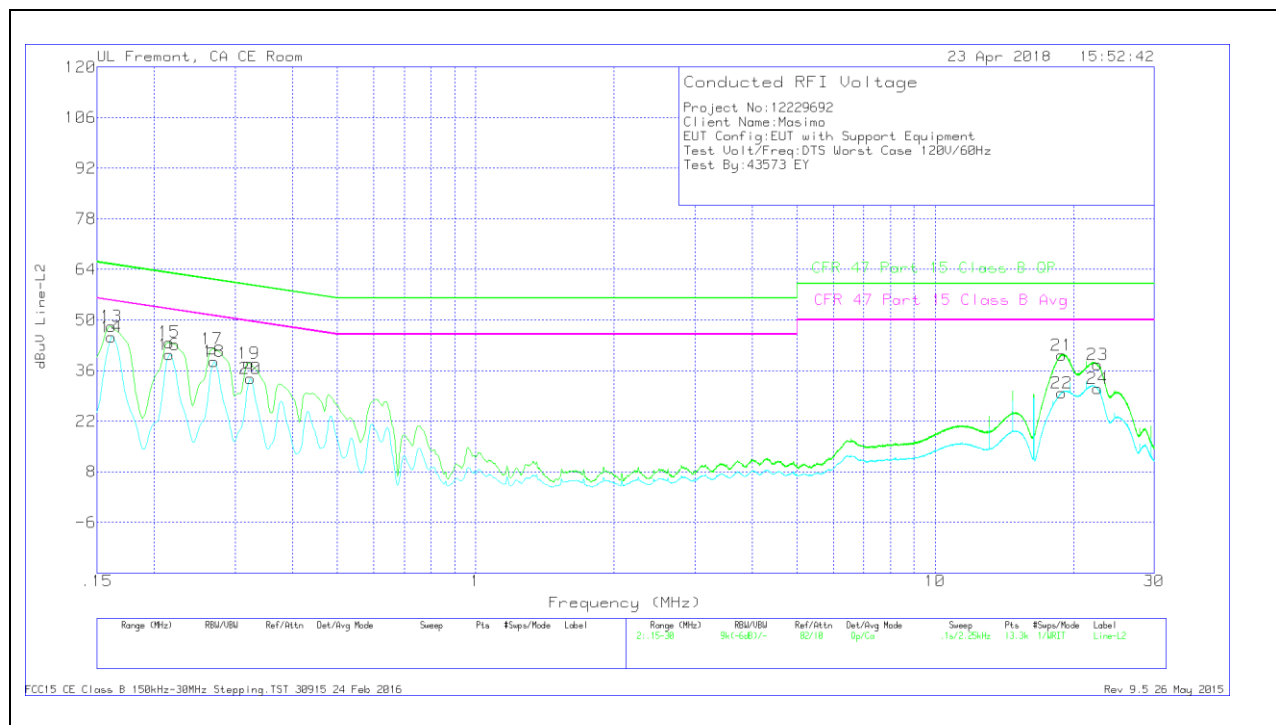


Range 1: Line-L1 .15 - 30MHz											
Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	LISN L1	LC Cables C1&C3	Limiter (dB)	Corrected Reading dBuV	CFR 47 Part 15 Class B QP	QP Margin (dB)	CFR 47 Part 15 Class B Avg	Av(CISPR) Margin (dB)
1	.159	39.7	Qp	.1	0	10.1	49.9	65.52	-15.62	-	-
2	.16125	36.9	Ca	.1	0	10.1	47.1	-	-	55.4	-8.3
3	.21525	34.35	Qp	0	0	10.1	44.45	63	-18.55	-	-
4	.21525	31.42	Ca	0	0	10.1	41.52	-	-	53	-11.48
5	.26925	30.42	Qp	0	0	10.1	40.52	61.14	-20.62	-	-
6	.26925	27.03	Ca	0	0	10.1	37.13	-	-	51.14	-14.01
7	.321	27.26	Qp	0	0	10.1	37.36	59.68	-22.32	-	-
8	.32325	23.06	Ca	0	0	10.1	33.16	-	-	49.62	-16.46
9	18.996	30.29	Qp	0	.3	10.3	40.89	60	-19.11	-	-
10	18.987	19.81	Ca	0	.3	10.3	30.41	-	-	50	-19.59
11	22.1595	27.71	Qp	.1	.3	10.4	38.51	60	-21.49	-	-
12	22.146	21.3	Ca	.1	.3	10.4	32.1	-	-	50	-17.9

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	.16125	38.14	Qp	0	0	10.1	48.24	65.4	-17.16	-	-
14	.16125	35.2	Ca	0	0	10.1	45.3	-	-	55.4	-10.1
15	.21525	33.73	Qp	0	0	10.1	43.83	63	-19.17	-	-
16	.21525	30.39	Ca	0	0	10.1	40.49	-	-	53	-12.51
17	.267	31.92	Qp	0	0	10.1	42.02	61.21	-19.19	-	-
18	.26925	28.39	Ca	0	0	10.1	38.49	-	-	51.14	-12.65
19	.321	27.87	Qp	0	0	10.1	37.97	59.68	-21.71	-	-
20	.32325	23.72	Ca	0	0	10.1	33.82	-	-	49.62	-15.8
21	18.8565	29.74	Qp	0	.3	10.3	40.34	60	-19.66	-	-
22	18.85425	19.3	Ca	0	.3	10.3	29.9	-	-	50	-20.1
23	22.58025	26.96	Qp	0	.3	10.4	37.66	60	-22.34	-	-
24	22.57125	20.35	Ca	0	.3	10.4	31.05	-	-	50	-18.95

Qp - Quasi-Peak detector

Ca - CISPR average detection