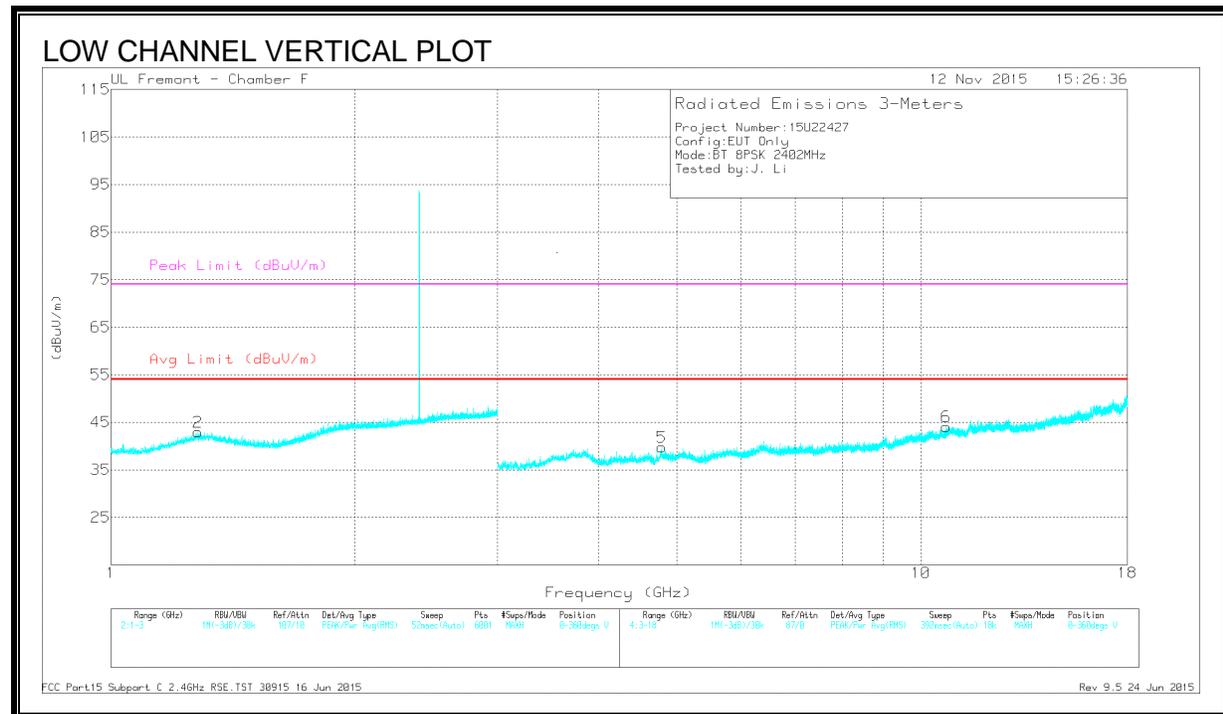
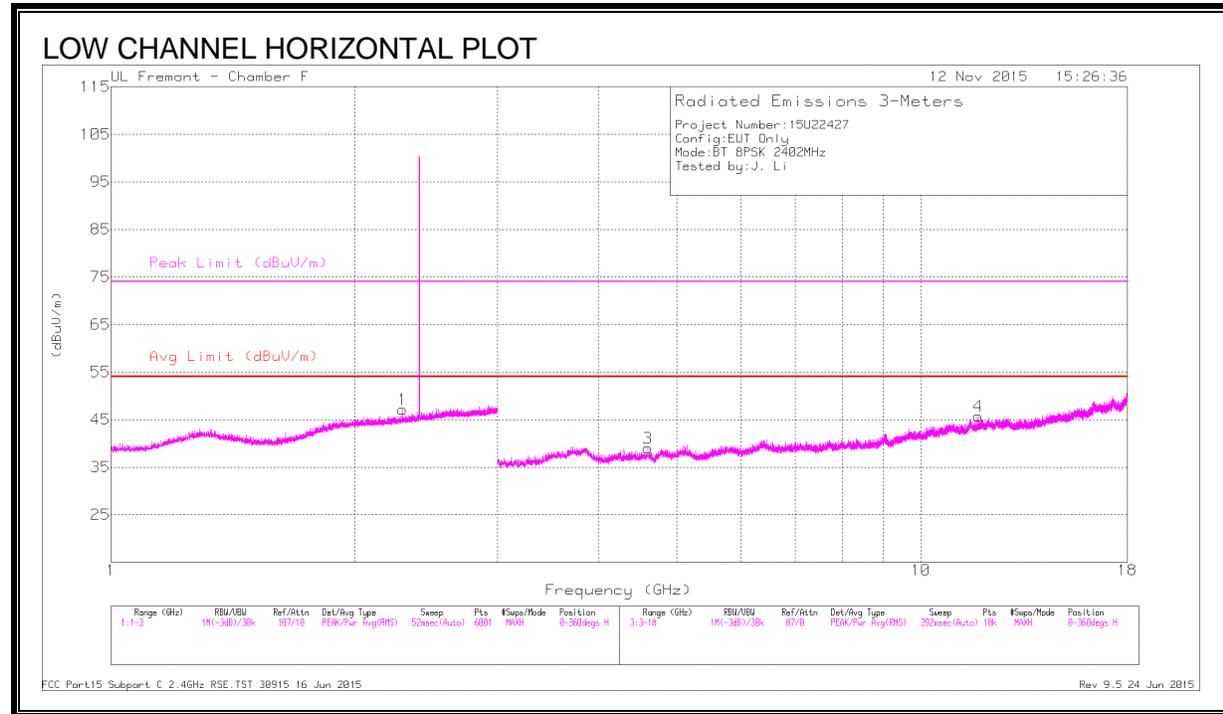


ANTENNA B, HIGH POWER HARMONICS AND SPURIOUS EMISSIONS



DATA

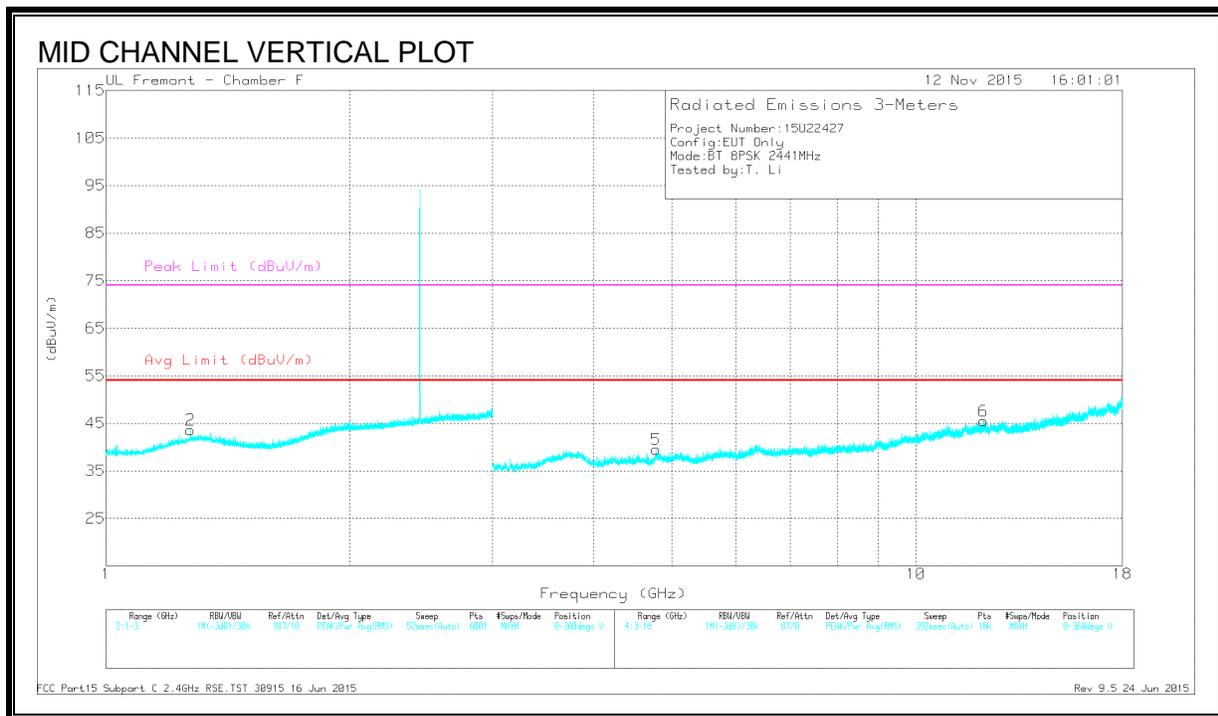
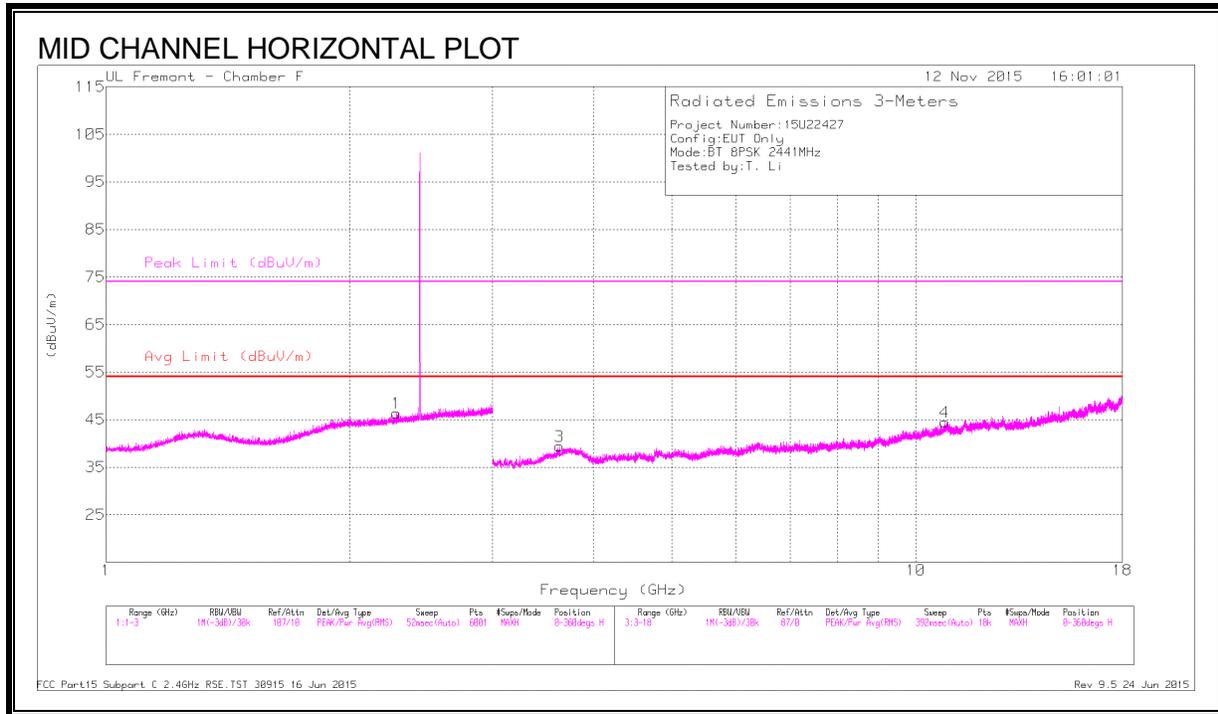
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T120 (dB/m)	Amp/Cbl/ Fitr/Pad (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.292	42	PK2	31.8	-21.1	52.7	-	-	74	-21.3	257	244	H
	* 2.292	28.63	VA1T	31.8	-21.1	39.33	54	-14.67	-	-	257	244	H
2	* 1.28	41.93	PK2	29.8	-22.3	49.43	-	-	74	-24.57	87	142	V
	* 1.279	28.98	VA1T	29.8	-22.3	36.48	54	-17.52	-	-	87	142	V
3	* 4.602	38.94	PK2	34	-27.9	45.04	-	-	74	-28.96	119	186	H
	* 4.603	25.24	VA1T	34	-27.9	31.34	54	-22.66	-	-	119	1186	H
4	* 11.779	34.22	PK2	38.9	-22.4	50.72	-	-	74	-23.28	223	316	H
	* 11.78	21.59	VA1T	38.9	-22.4	38.09	54	-15.91	-	-	223	316	H
5	* 4.788	38.74	PK2	34.1	-28	44.84	-	-	74	-29.16	291	217	V
	* 4.786	25.9	VA1T	34.1	-28	32	54	-22	-	-	291	217	V
6	* 10.745	33.68	PK2	38	-22	49.68	-	-	74	-24.32	342	177	V
	* 10.744	21.18	VA1T	38	-22	37.18	54	-16.82	-	-	342	177	V

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

PK2 - KDB558074 Method: Maximum Peak

VA1T - FHSS: Linear Voltage Average VB=1/Ton where: Ton is transmit duration

HARMONICS AND SPURIOUS EMISSIONS



DATA

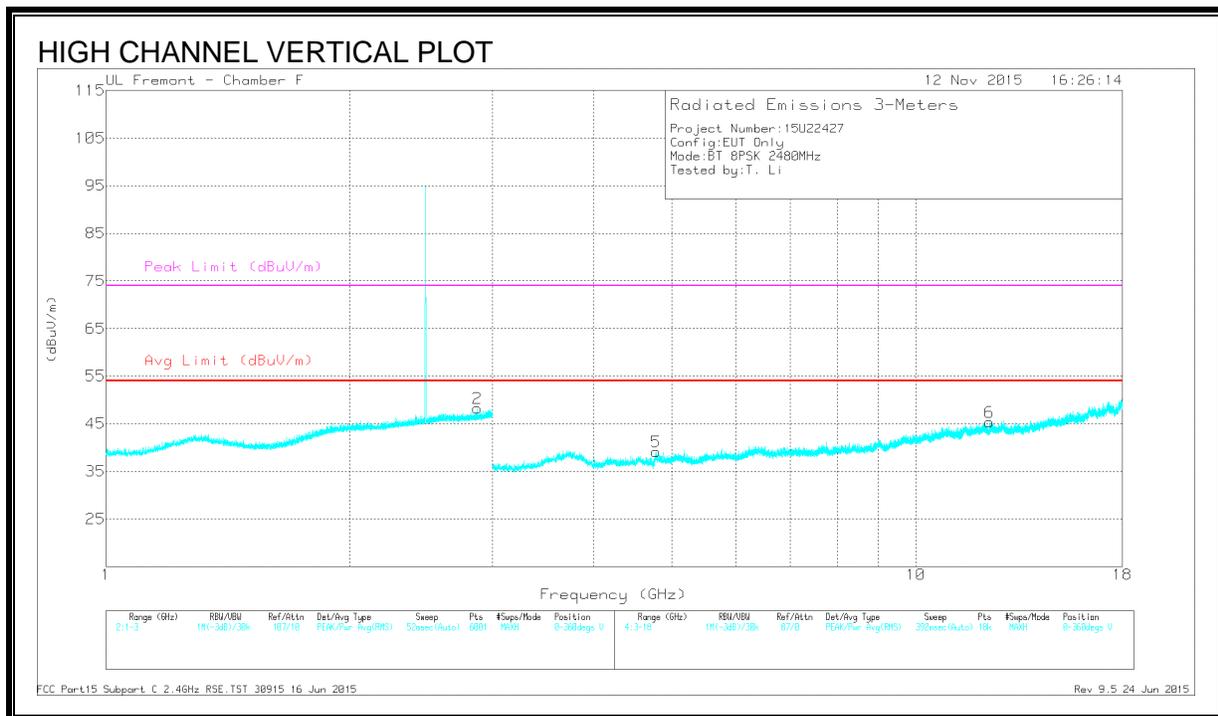
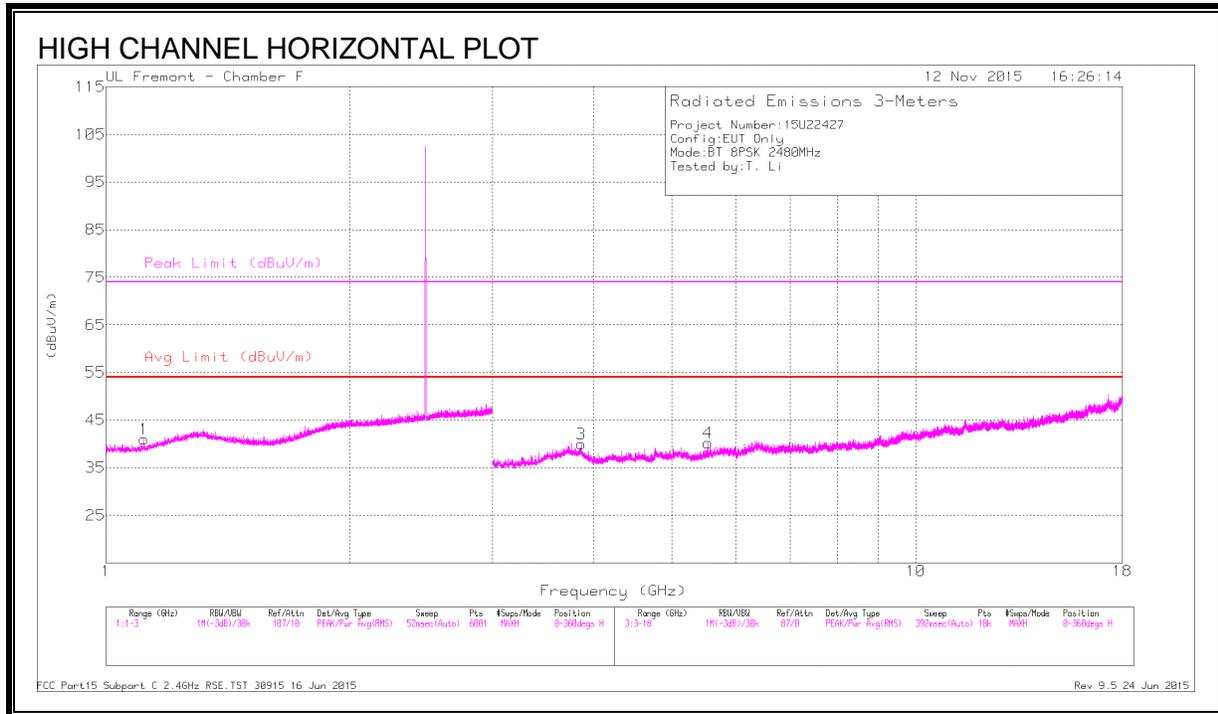
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T120 (dB/m)	Amp/Cb/ Fitr/Pad (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.284	41.72	PK2	31.8	-21.1	52.42	-	-	74	-21.58	96	170	H
	* 2.282	28.68	VA1T	31.7	-21.1	39.28	54	-14.72	-	-	96	170	H
2	* 1.273	42.33	PK2	29.7	-22.3	49.73	-	-	74	-24.27	202	306	V
	* 1.273	28.99	VA1T	29.7	-22.3	36.39	54	-17.61	-	-	202	306	V
3	* 3.633	38.47	PK2	34.9	-29.3	44.07	-	-	74	-29.93	158	139	H
	* 3.632	25.85	VA1T	34.9	-29.3	31.45	54	-22.55	-	-	158	139	H
4	* 10.87	33.89	PK2	38.1	-21.7	50.29	-	-	74	-23.71	236	276	H
	* 10.87	21.24	VA1T	38.1	-21.7	37.64	54	-16.36	-	-	236	276	H
5	* 4.781	38.9	PK2	34.1	-28.1	44.9	-	-	74	-29.1	127	217	V
	* 4.781	25.98	VA1T	34.1	-28.1	31.98	54	-22.02	-	-	127	217	V
6	* 12.132	34.93	PK2	39.1	-22	52.03	-	-	74	-21.97	162	292	V
	* 12.13	21.77	VA1T	39.1	-22	38.87	54	-15.13	-	-	162	292	V

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

PK2 - KDB558074 Method: Maximum Peak

VA1T - FHSS: Linear Voltage Average $V_B=1/T_{on}$ where: T_{on} is transmit duration

HARMONICS AND SPURIOUS EMISSIONS



DATA

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AFT120 (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	* 1.113	42.34	PK2	27.4	-22.8	46.94	-	-	74	-27.06	113	317	H
	* 1.115	29.12	VA1T	27.5	-22.8	33.82	54	-20.18	-	-	113	317	H
2	* 2.875	41.92	PK2	32.8	-20.4	54.32	-	-	74	-19.68	67	180	V
	* 2.876	28.42	VA1T	32.8	-20.4	40.82	54	-13.18	-	-	67	180	V
3	* 3.858	38.6	PK2	34	-28.3	44.3	-	-	74	-29.7	210	279	H
	* 3.86	25.98	VA1T	34	-28.3	31.68	54	-22.32	-	-	210	279	H
4	5.539	38.29	PK2	34.7	-28.4	44.59	-	-	-	-	274	133	H
	5.542	25.4	VA1T	34.7	-28.4	31.7	-	-	-	-	274	133	H
5	* 4.783	38.95	PK2	34.1	-28.1	44.95	-	-	74	-29.05	192	218	V
	* 4.785	25.88	VA1T	34.1	-28.1	31.88	54	-22.12	-	-	192	218	V
6	* 12.34	35.62	PK2	39	-23.2	51.42	-	-	74	-22.58	292	195	V
	* 12.34	22.33	VA1T	39	-23.2	38.13	54	-15.87	-	-	292	195	V

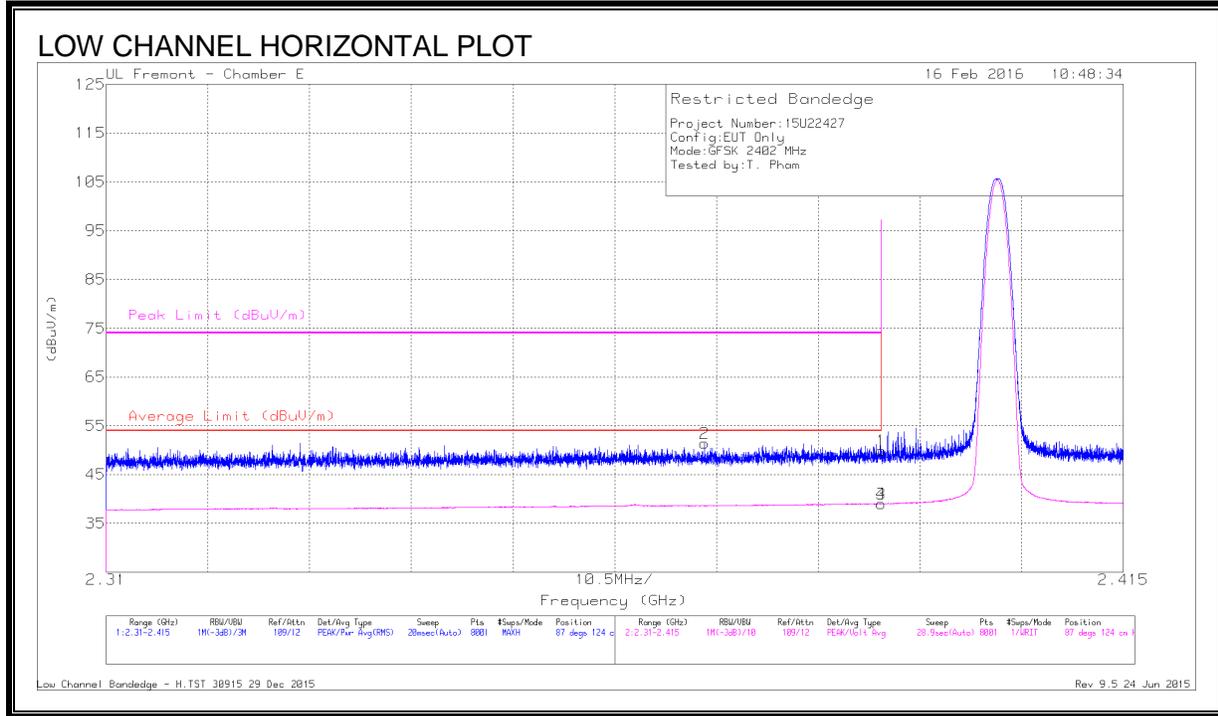
* - indicates frequency in CFR15.205/IC7.2.2 Restricted Band

PK2 - KDB558074 Method: Maximum Peak

VA1T - FHSS: Linear Voltage Average $V_B=1/T_{on}$ where: T_{on} is transmit duration

8.2.3. ANTENNA B, LOW POWER BASIC DATA RATE GFSK MODULATION

RESTRICTED BANDEGE (LOW CHANNEL, HORIZONTAL)



DATA

Trace Markers

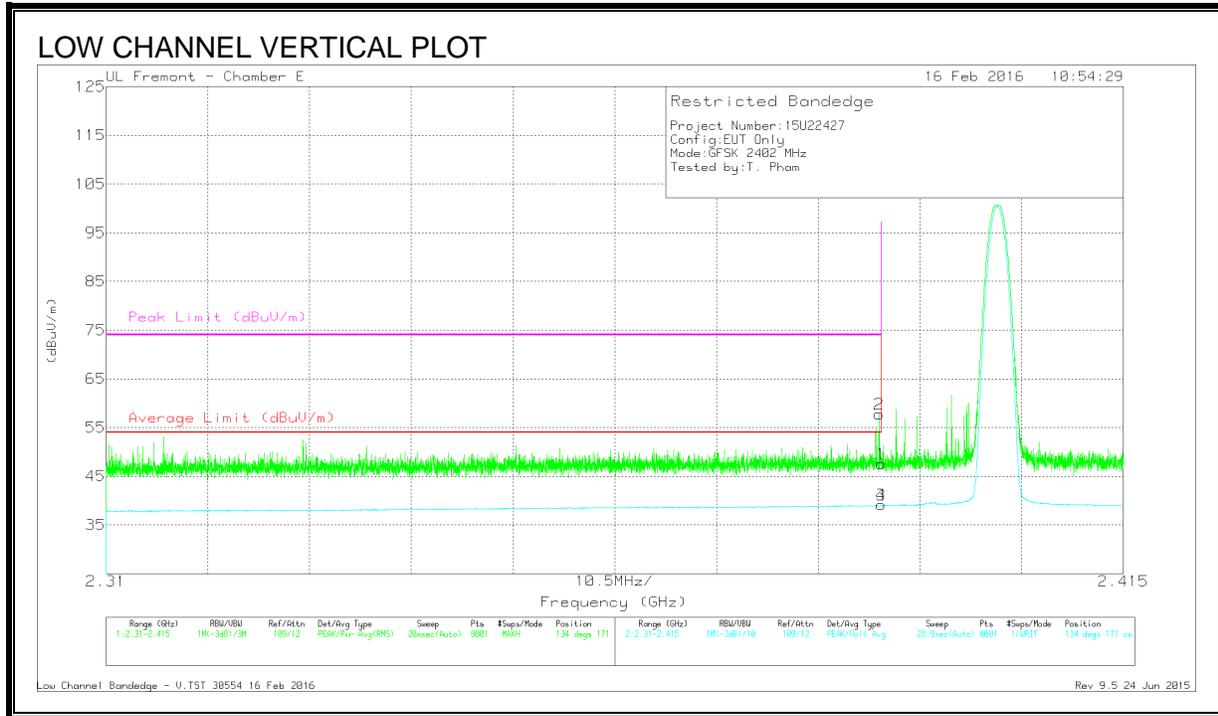
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T711 (dB/m)	Amp/Cb/ Ftr/Pad (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.39	37.72	Pk	32.1	-19.9	49.92	-	-	74	-24.08	87	124	H
2	* 2.372	39.42	Pk	32	-20	51.42	-	-	74	-22.58	87	124	H
3	* 2.39	26.81	VA1T	32.1	-19.9	39.01	54	-14.99	-	-	87	124	H
4	* 2.39	26.81	VA1T	32.1	-19.9	39.01	54	-14.99	-	-	87	124	H

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

Pk - Peak detector

VA1T - FHSS: Linear Voltage Average $V_B=1/T_{on}$ where: T_{on} is transmit duration

RESTRICTED BANDEGE (LOW CHANNEL, VERTICAL)



DATA

Trace Markers

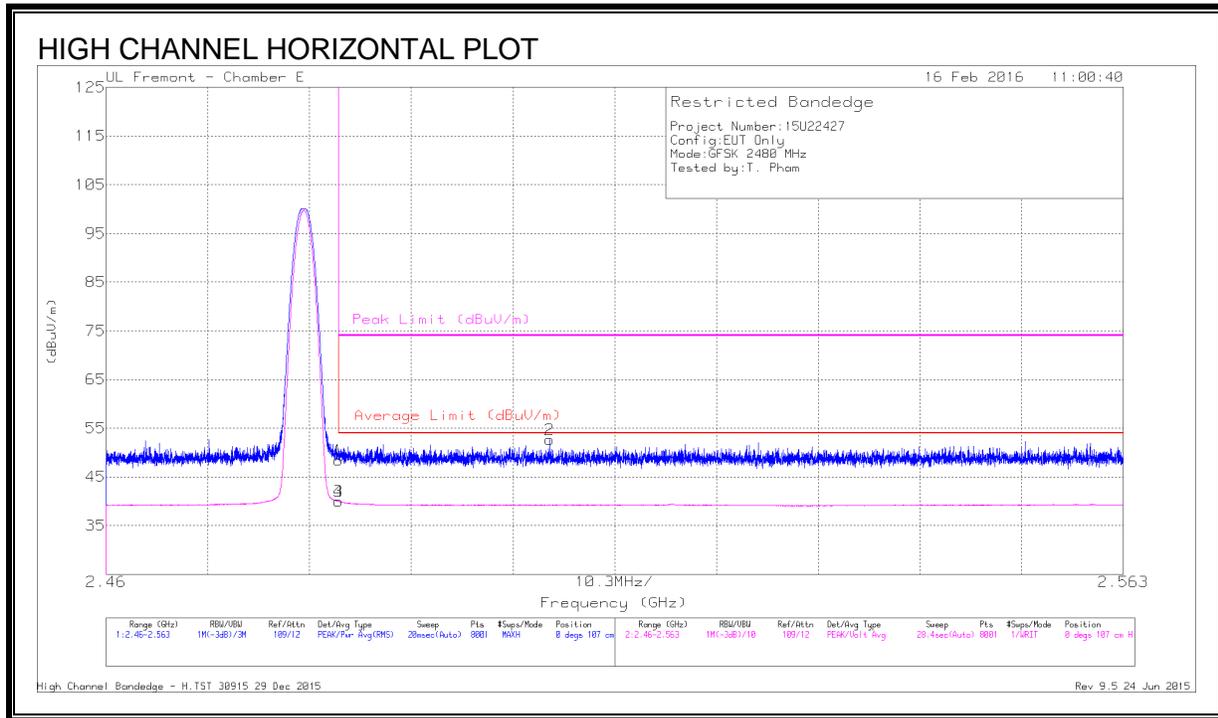
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T711 (dB/m)	Amp/Cb/ Ftr/Pad (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.39	35.36	Pk	32.1	-19.9	47.56	-	-	74	-26.44	134	171	V
2	* 2.39	45.51	Pk	32.1	-19.9	57.71	-	-	74	-16.29	134	171	V
3	* 2.39	26.96	VA1T	32.1	-19.9	39.16	54	-14.84	-	-	134	171	V
4	* 2.39	26.97	VA1T	32.1	-19.9	39.17	54	-14.83	-	-	134	171	V

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

Pk - Peak detector

VA1T - FHSS: Linear Voltage Average $V_B=1/T_{on}$ where: T_{on} is transmit duration

RESTRICTED BANDEGE (HIGH CHANNEL, HORIZONTAL)



DATA

Trace Markers

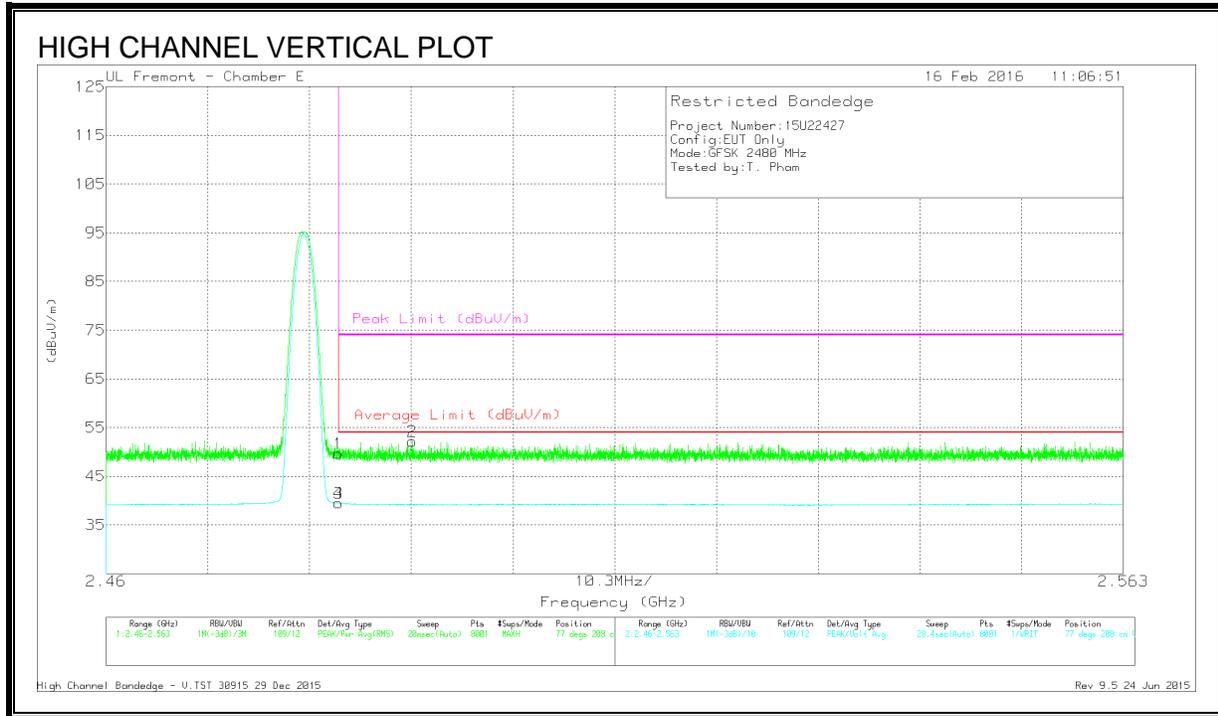
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T711 (dB/m)	Amp/Cb/Fltr/Pad (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.484	36.11	Pk	32.3	-20	48.41	-	-	74	-25.59	0	107	H
3	* 2.484	27.66	VA1T	32.3	-20	39.96	54	-14.04	-	-	0	107	H
4	* 2.484	27.66	VA1T	32.3	-20	39.96	54	-14.04	-	-	0	107	H
2	2.505	40.43	Pk	32.3	-20.1	52.63	-	-	74	-21.37	0	107	H

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

Pk - Peak detector

VA1T - FHSS: Linear Voltage Average $VB=1/Ton$ where: Ton is transmit duration

RESTRICTED BANDEGE (HIGH CHANNEL, VERTICAL)



DATA

Trace Markers

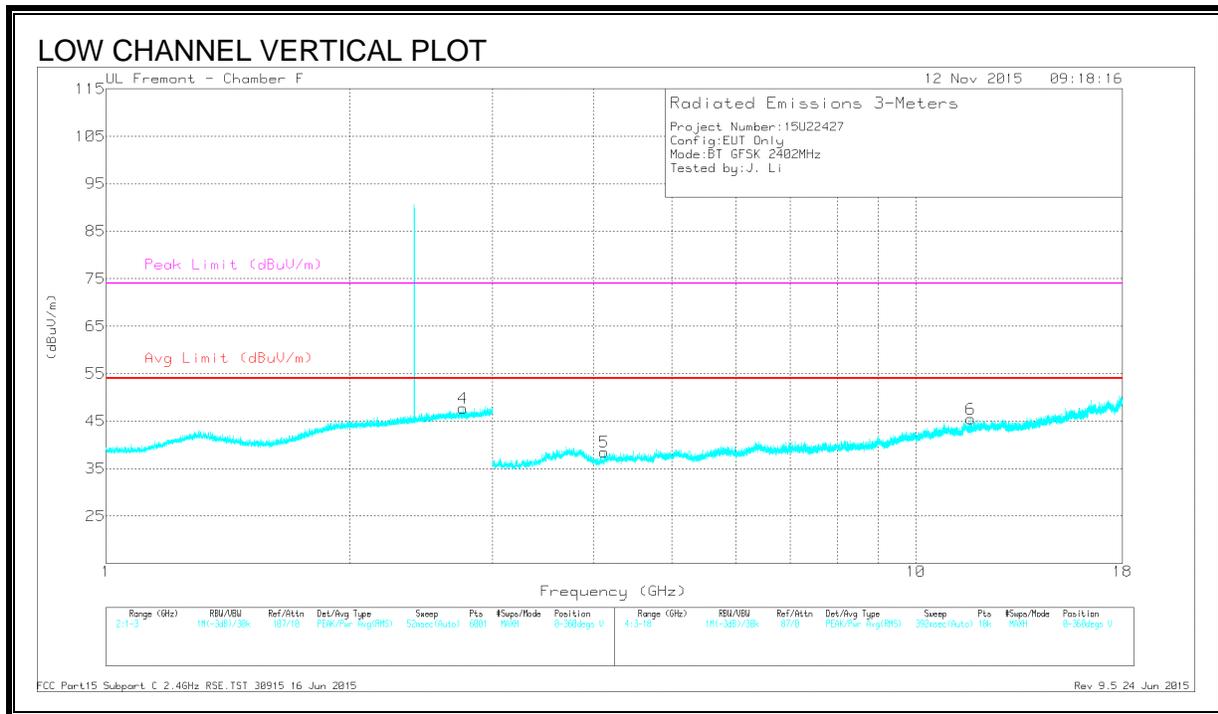
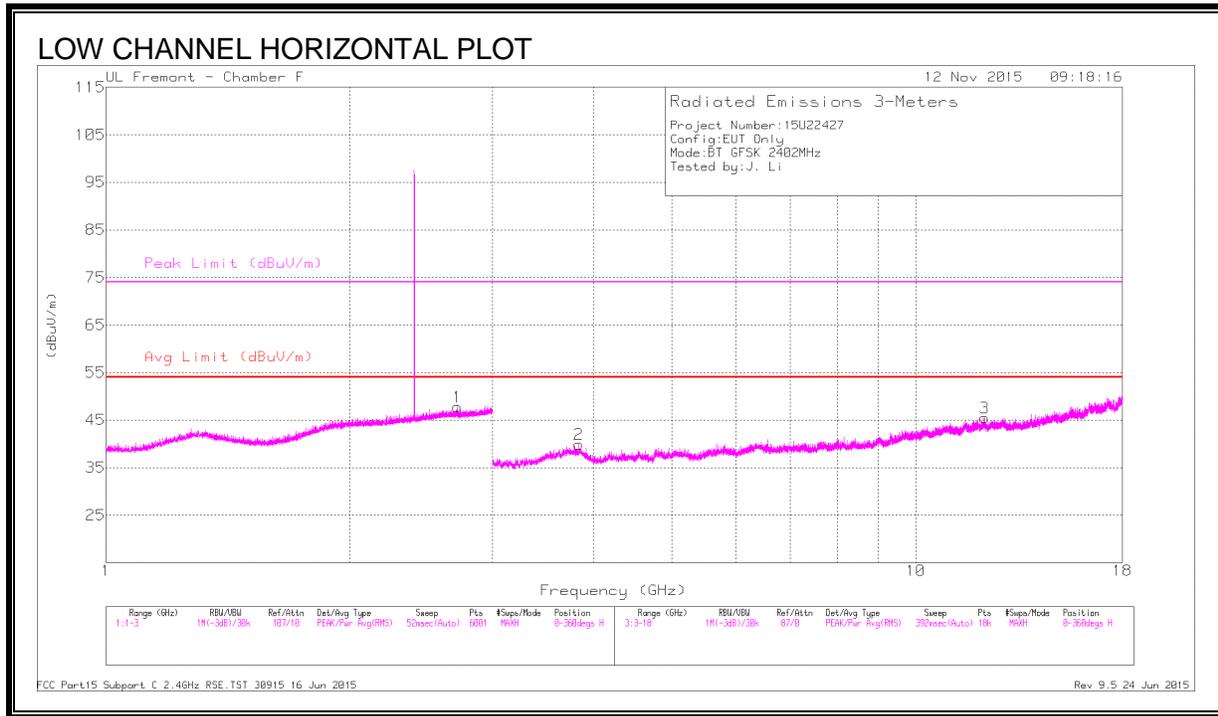
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T711 (dB/m)	Amp/Cb/Fltr/Pad (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.484	37.34	Pk	32.3	-20	49.64	-	-	74	-24.36	77	208	V
3	* 2.484	27.19	VA1T	32.3	-20	39.49	54	-14.51	-	-	77	208	V
4	* 2.484	27.18	VA1T	32.3	-20	39.48	54	-14.52	-	-	77	208	V
2	* 2.491	39.96	Pk	32.3	-20.1	52.16	-	-	74	-21.84	77	208	V

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

Pk - Peak detector

VA1T - FHSS: Linear Voltage Average VB=1/Ton where: Ton is transmit duration

ANTENNA B, LOW POWER, HARMONICS AND SPURIOUS EMISSIONS



DATA

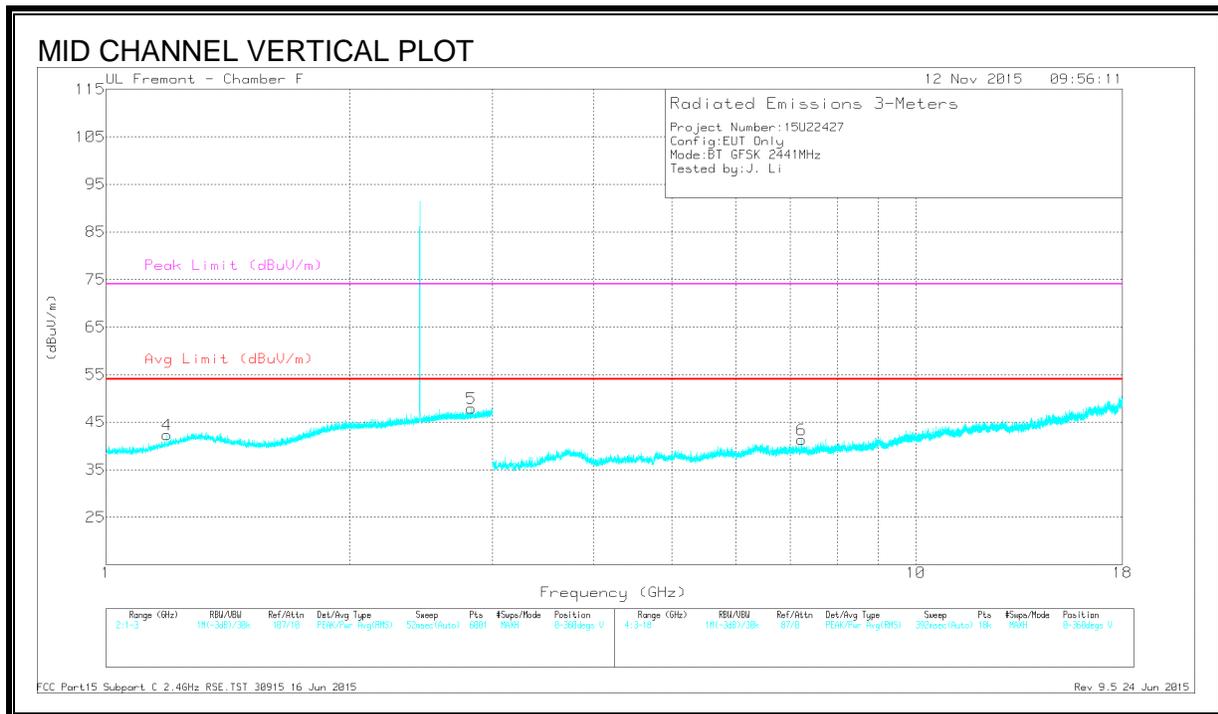
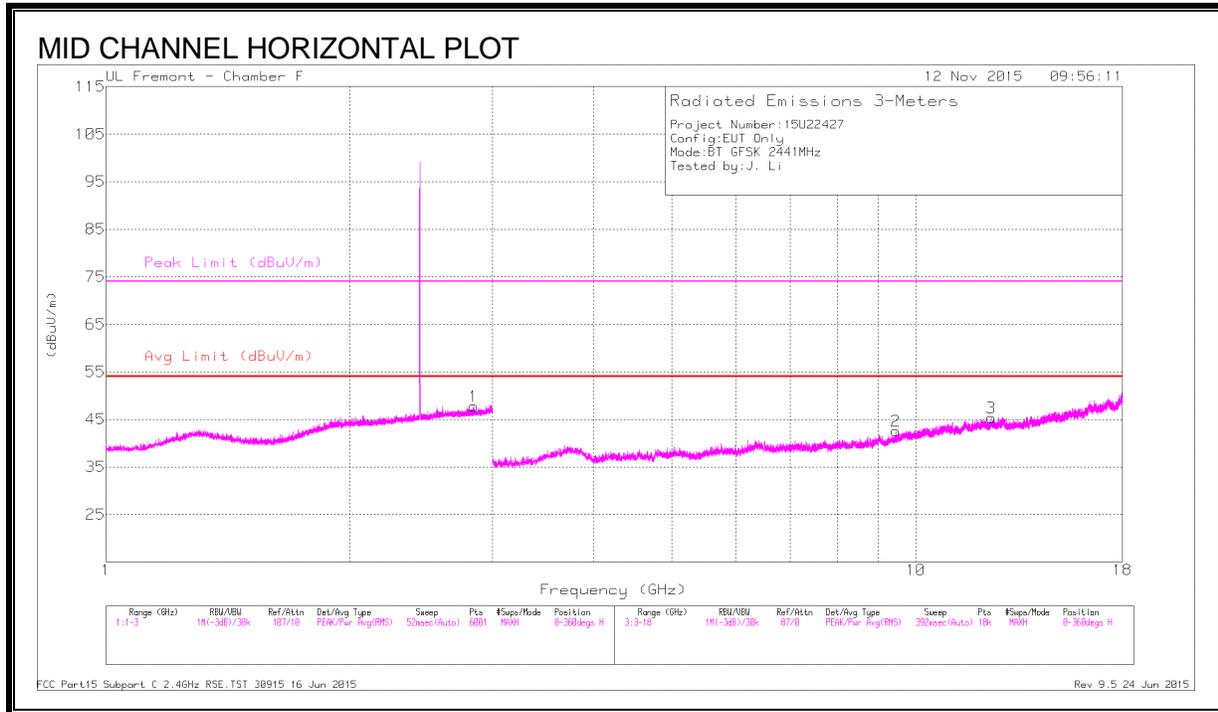
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T120 (dB/m)	Amp/Cbl/ Fitr/Pad (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.715	42.04	PK2	32.7	-20.7	54.04	-	-	74	-19.96	110	202	H
	* 2.715	28.67	VA1T	32.7	-20.7	40.67	54	-13.33	-	-	110	202	H
4	* 2.757	42.25	PK2	32.7	-20.7	54.25	-	-	74	-19.75	303	142	V
	* 2.759	28.62	VA1T	32.7	-20.7	40.62	54	-13.38	-	-	303	142	V
2	* 3.839	39.26	PK2	34	-28.3	44.96	-	-	74	-29.04	227	265	H
	* 3.837	25.85	VA1T	34	-28.3	31.55	54	-22.45	-	-	227	265	H
3	* 12.165	34.11	PK2	39	-22	51.11	-	-	74	-22.89	168	199	H
	* 12.166	21.67	VA1T	39	-22	38.67	54	-15.33	-	-	168	199	H
5	* 4.128	38.82	PK2	33.6	-28.9	43.52	-	-	74	-30.48	282	266	V
	* 4.128	25.95	VA1T	33.6	-28.9	30.65	54	-23.35	-	-	282	266	V
6	* 11.697	35.14	PK2	38.8	-22.8	51.14	-	-	74	-22.86	54	332	V
	* 11.697	21.89	VA1T	38.8	-22.8	37.89	54	-16.11	-	-	54	332	V

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

PK2 - KDB558074 Method: Maximum Peak

VA1T - FHSS: Linear Voltage Average $V_B=1/T_{on}$ where: T_{on} is transmit duration

HARMONICS AND SPURIOUS EMISSIONS



DATA

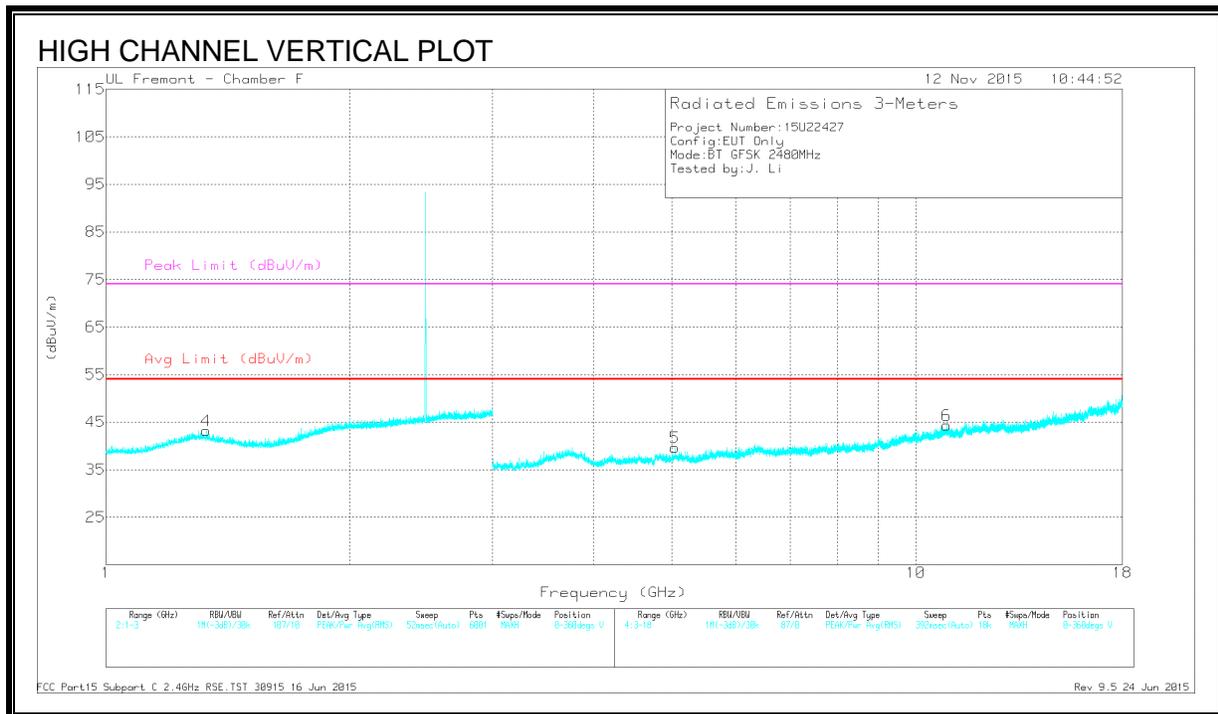
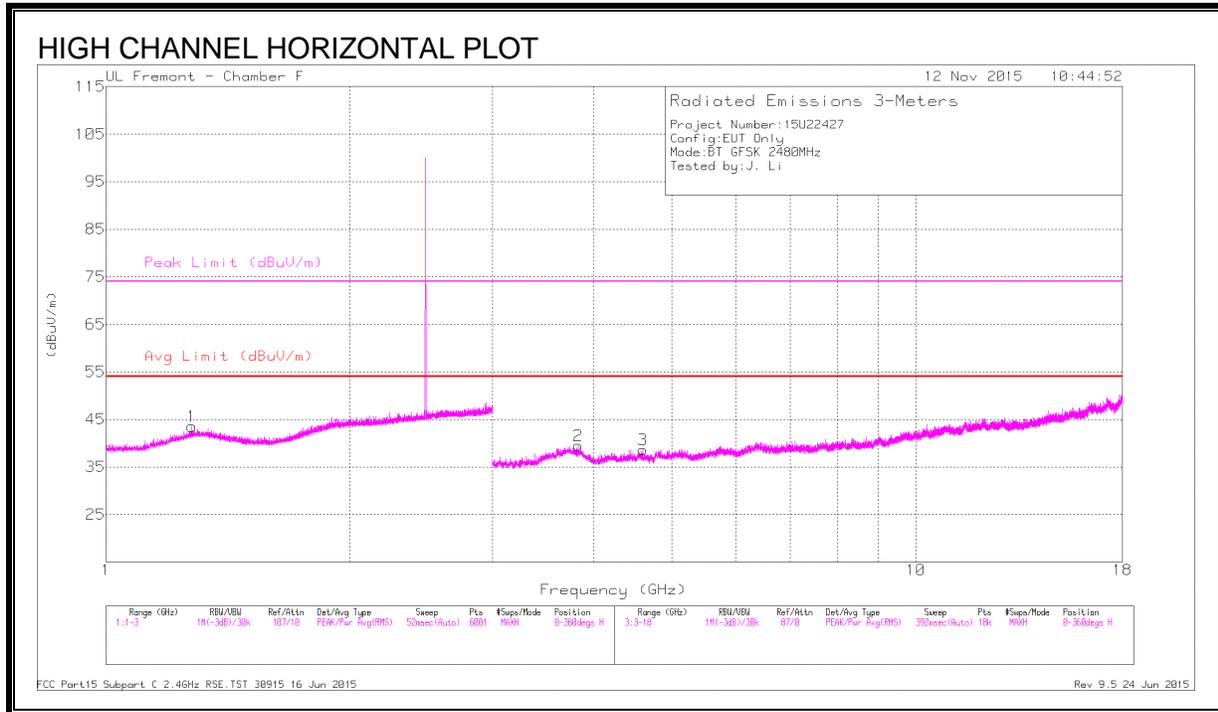
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T120 (dB/m)	Amp/Cbl/ Fitr/Pad (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.844	41.63	PK2	32.7	-20.4	53.93	-	-	74	-20.07	236	274	H
	* 2.845	28.48	VA1T	32.7	-20.5	40.68	54	-13.32	-	-	236	274	H
4	* 1.189	43.12	PK2	28.6	-22.6	49.12	-	-	74	-24.88	324	127	V
	* 1.188	29	VA1T	28.6	-22.6	35	54	-19	-	-	324	127	V
5	* 2.825	41.84	PK2	32.7	-20.4	54.14	-	-	74	-19.86	88	202	V
	* 2.824	28.5	VA1T	32.7	-20.5	40.7	54	-13.3	-	-	88	202	V
2	* 9.458	34.73	PK2	36.7	-22.9	48.53	-	-	74	-25.47	114	215	H
	* 9.46	21.49	VA1T	36.7	-23	35.19	54	-18.81	-	-	114	215	H
3	* 12.407	35.62	PK2	39.1	-22.4	52.32	-	-	74	-21.68	284	257	H
	* 12.407	22.16	VA1T	39.1	-22.4	38.86	54	-15.14	-	-	284	257	H
6	7.226	36.93	PK2	35.6	-26.2	46.33	-	-	-	-	182	310	V
	7.228	24.38	VA1T	35.6	-26.2	33.78	-	-	-	-	182	310	V

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

PK2 - KDB558074 Method: Maximum Peak

VA1T - FHSS: Linear Voltage Average VB=1/Ton where: Ton is transmit duration

HARMONICS AND SPURIOUS EMISSIONS



DATA

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T120 (dB/m)	Amp/Cb/ 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	* 1.275	42.5	PK2	29.8	-22.3	50	-	-	74	-24	190	229	H
	* 1.277	29.04	VA1T	29.8	-22.3	36.54	54	-17.46	-	-	190	229	H
4	* 1.327	42.26	PK2	29.8	-22.2	49.86	-	-	74	-24.14	175	138	V
	* 1.328	28.92	VA1T	29.8	-22.2	36.52	54	-17.48	-	-	175	138	V
2	* 3.834	38.93	PK2	34	-28.4	44.53	-	-	74	-29.47	250	308	H
	* 3.834	25.87	VA1T	34	-28.4	31.47	54	-22.53	-	-	250	308	H
3	* 4.601	38.6	PK2	34	-27.9	44.7	-	-	74	-29.3	84	277	H
	* 4.602	25.33	VA1T	34	-27.9	31.43	54	-22.57	-	-	84	277	H
5	* 5.044	39.32	PK2	34.2	-28.5	45.02	-	-	74	-28.98	238	224	V
	* 5.042	25.9	VA1T	34.2	-28.5	31.6	54	-22.4	-	-	238	224	V
6	* 10.917	33.89	PK2	38.1	-21.7	50.29	-	-	74	-23.71	192	128	V
	* 10.917	21.21	VA1T	38.1	-21.7	37.61	54	-16.39	-	-	192	128	V

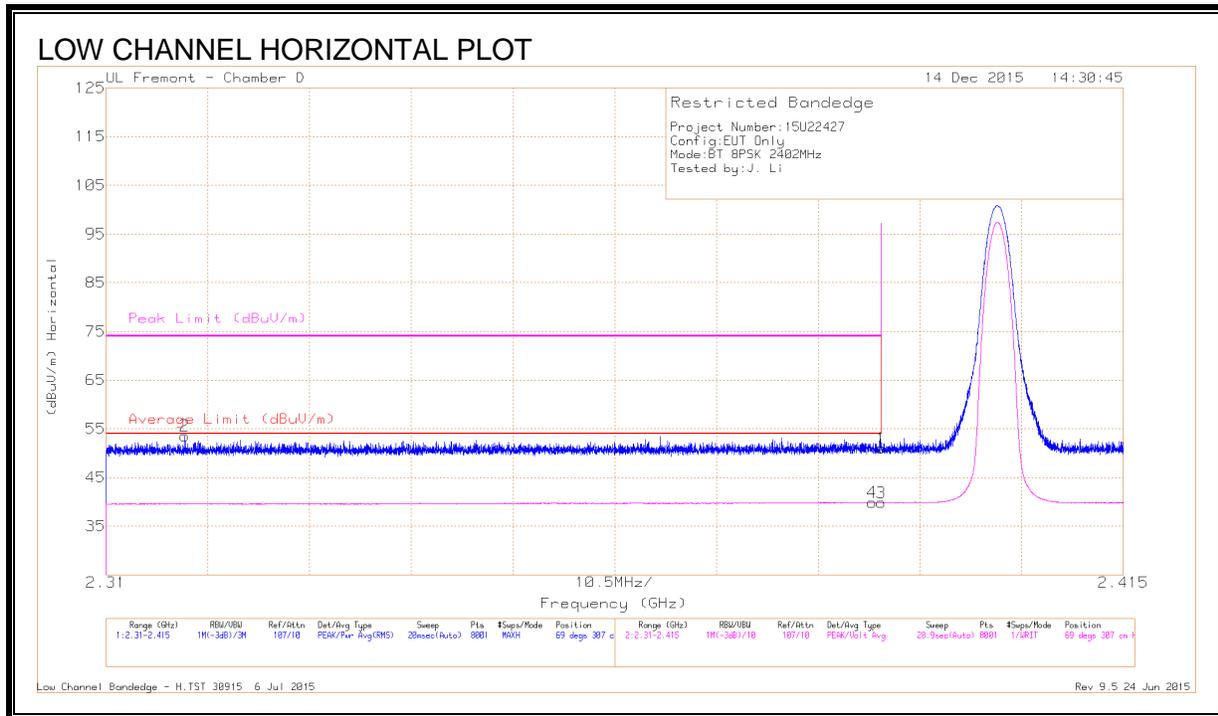
* - indicates frequency in CFR15.205/IC7.2.2 Restricted Band

PK2 - KDB558074 Method: Maximum Peak

VA1T - FHSS: Linear Voltage Average $V_B=1/T_{on}$ where: T_{on} is transmit duration

8.2.4. ANTENNA B, LOW POWER ENHANCED DATA RATE 8PSK MODULATION

RESTRICTED BANDEDGE (LOW CHANNEL, HORIZONTAL)



DATA

Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T344 (dB/m)	Amp/Cbl/ Ftr/Pad (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	39.69	Pk	32.1	-20.7	51.09	-	-	74	-22.91	69	307	H
2	* 2.318	42.58	Pk	32	-21	53.58	-	-	74	-20.42	69	307	H
3	* 2.39	28.44	VA1T	32.1	-20.7	39.84	54	-14.16	-	-	69	307	H
4	* 2.389	28.52	VA1T	32.1	-20.7	39.92	54	-14.08	-	-	69	307	H

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

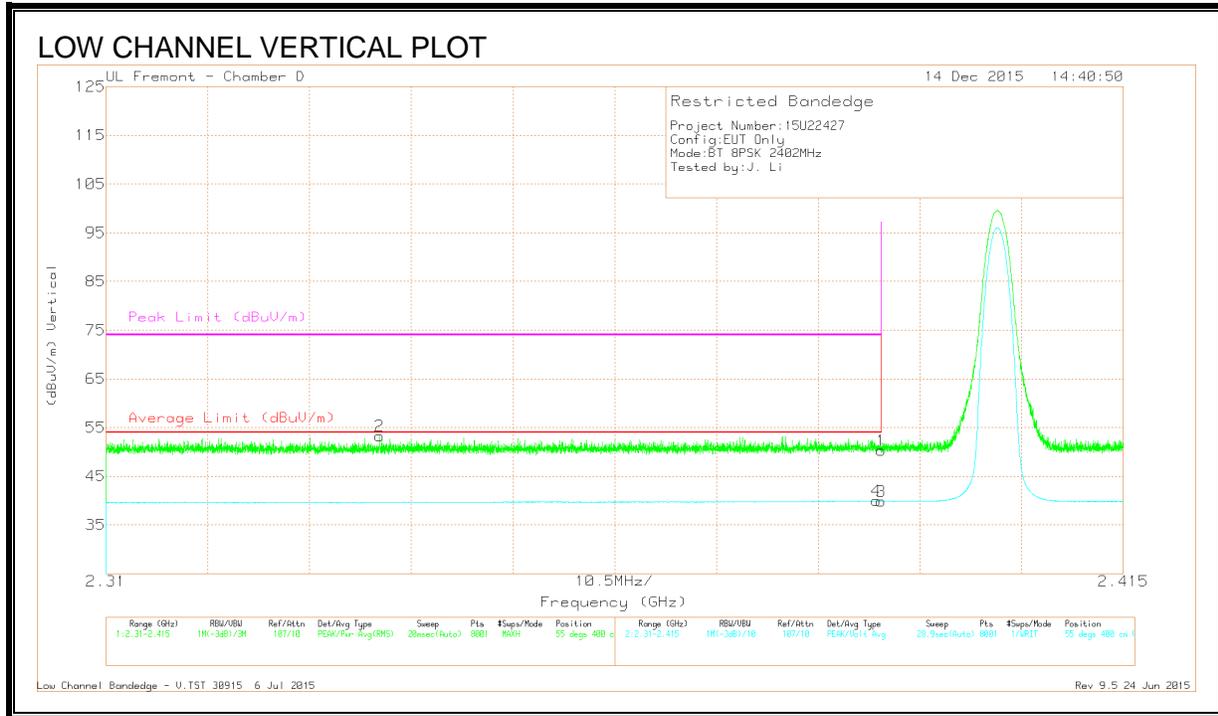
PK - Peak detector

VA1T - FHSS: Linear Voltage Average $V_B=1/T_{on}$ where: T_{on} is transmit duration

Low Channel Bandedge - H.TST 30915 6 Jul 2015

Rev 9.5 24 Jun 2015

RESTRICTED BANDEDGE (LOW CHANNEL, VERTICAL)



DATA

Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T344 (dB/m)	Amp/Cb/ Ftr/Pad (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	38.88	Pk	32.1	-20.7	50.28	-	-	74	-23.72	55	400	V
2	* 2.338	42.14	Pk	32	-20.9	53.24	-	-	74	-20.76	55	400	V
3	* 2.39	28.46	VA1T	32.1	-20.7	39.86	54	-14.14	-	-	55	400	V
4	* 2.39	28.54	VA1T	32.1	-20.7	39.94	54	-14.06	-	-	55	400	V

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

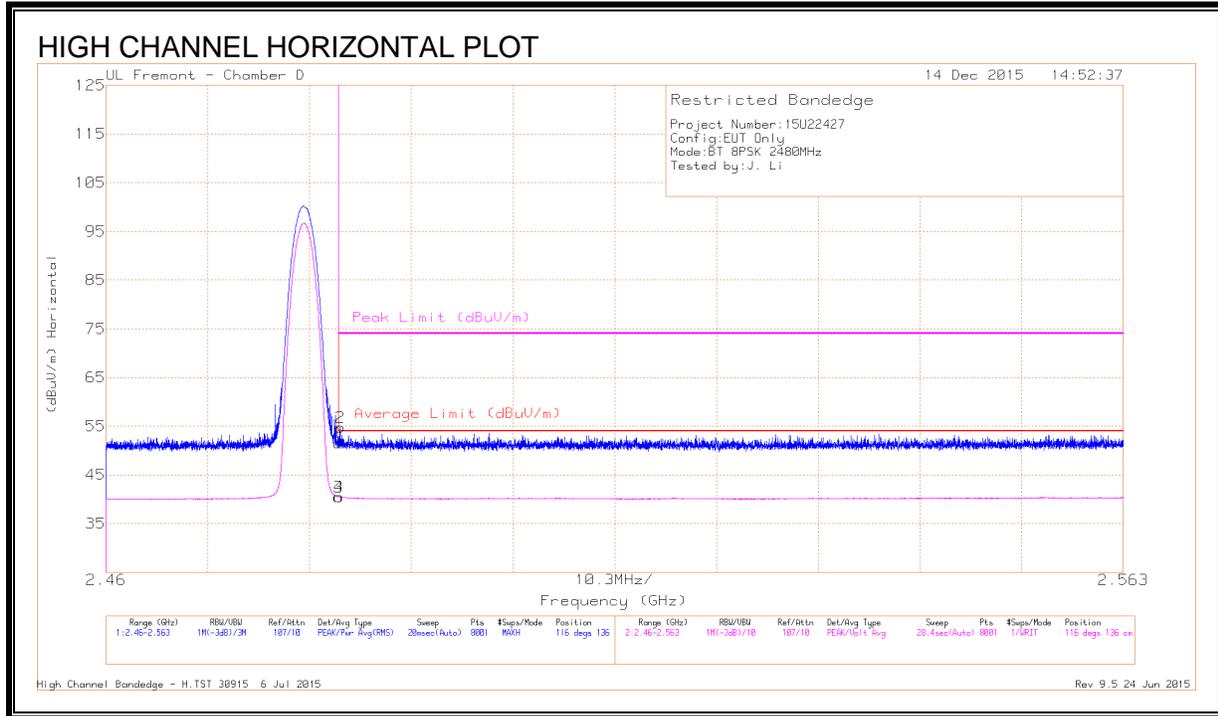
Pk - Peak detector

VA1T - FHSS: Linear Voltage Average VB=1/Ton where: Ton is transmit duration

Low Channel Bandedge - V.TST 30915 6 Jul 2015

Rev 9.5 24 Jun 2015

RESTRICTED BANDEGE (HIGH CHANNEL, HORIZONTAL)



DATA

Trace Markers

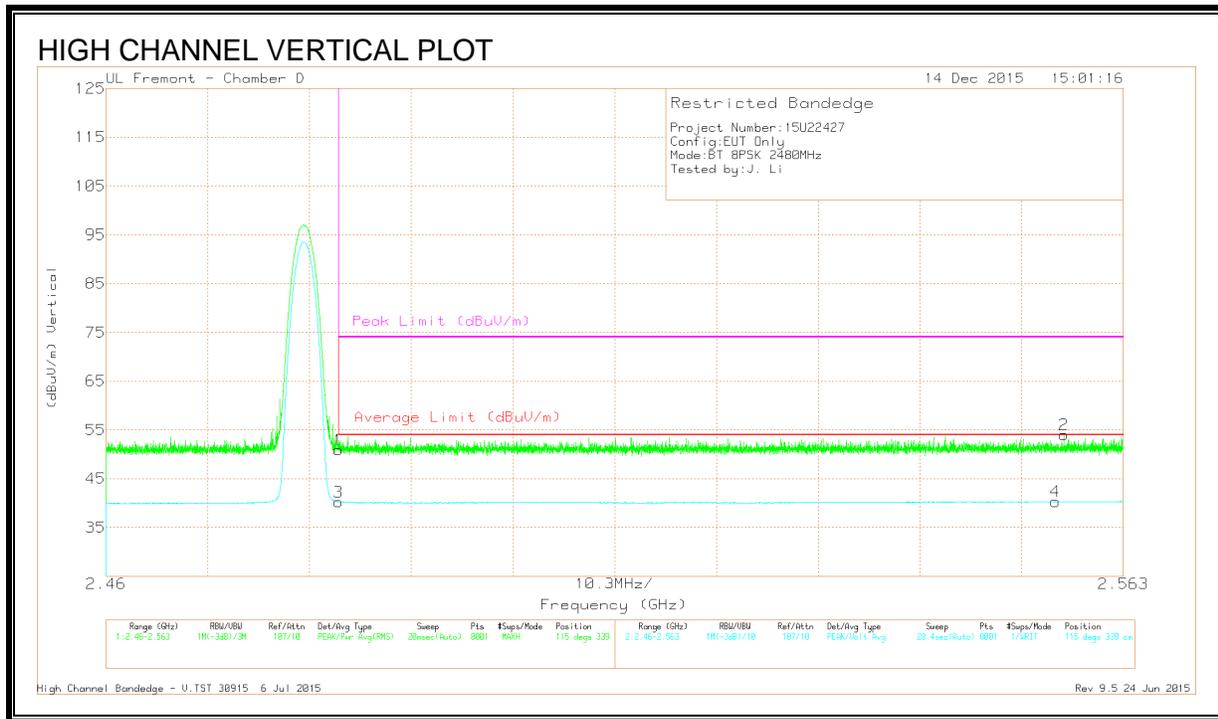
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T344 (dB/m)	Amp/Cb/ Ftr/Pad (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.484	40.2	Pk	32.2	-20.8	51.6	-	-	74	-22.4	116	136	H
2	* 2.484	43.34	Pk	32.2	-20.8	54.74	-	-	74	-19.26	116	136	H
3	* 2.484	29.11	VA1T	32.2	-20.8	40.51	54	-13.49	-	-	116	136	H
4	* 2.484	29.1	VA1T	32.2	-20.8	40.5	54	-13.5	-	-	116	136	H

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

Pk - Peak detector

VA1T - FHSS: Linear Voltage Average $VB=1/Ton$ where: Ton is transmit duration

RESTRICTED BANDEGE (HIGH CHANNEL, VERTICAL)



DATA

Trace Markers

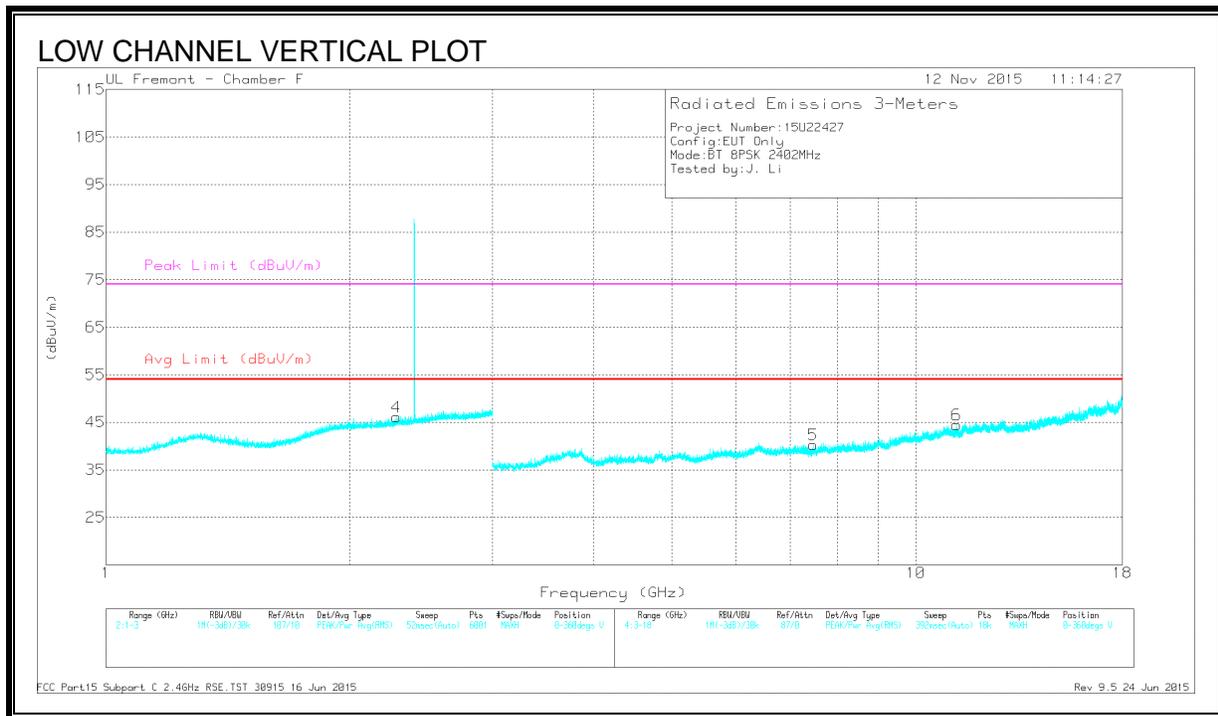
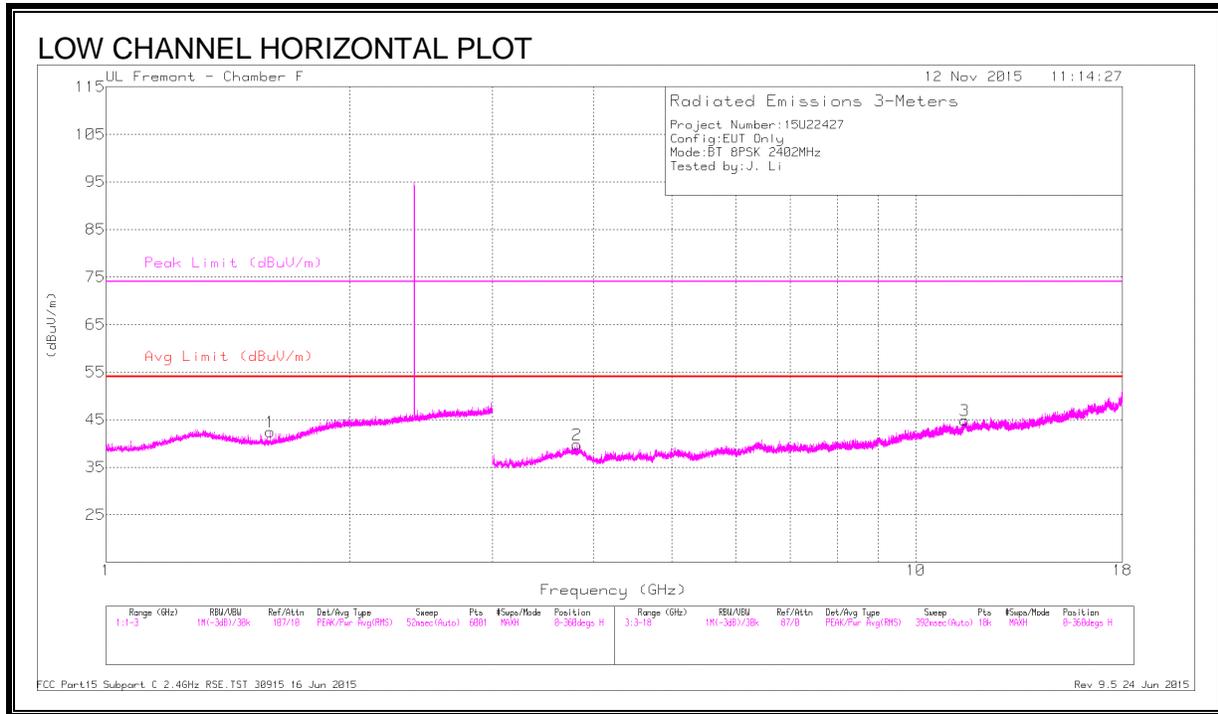
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T344 (dB/m)	Amp/Cb/ Fitr/Pad (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.484	39.48	Pk	32.2	-20.8	50.88	-	-	74	-23.12	115	339	V
3	* 2.484	28.85	VA1T	32.2	-20.8	40.25	54	-13.75	-	-	115	339	V
4	2.556	28.7	VA1T	32.3	-20.7	40.3	54	-13.7	-	-	115	339	V
2	2.557	42.47	Pk	32.3	-20.7	54.07	-	-	74	-19.93	115	339	V

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

Pk - Peak detector

VA1T - FHSS: Linear Voltage Average $V_B=1/T_{on}$ where: T_{on} is transmit duration

ANTENNA B, LOW POWER HARMONICS AND SPURIOUS EMISSIONS



DATA

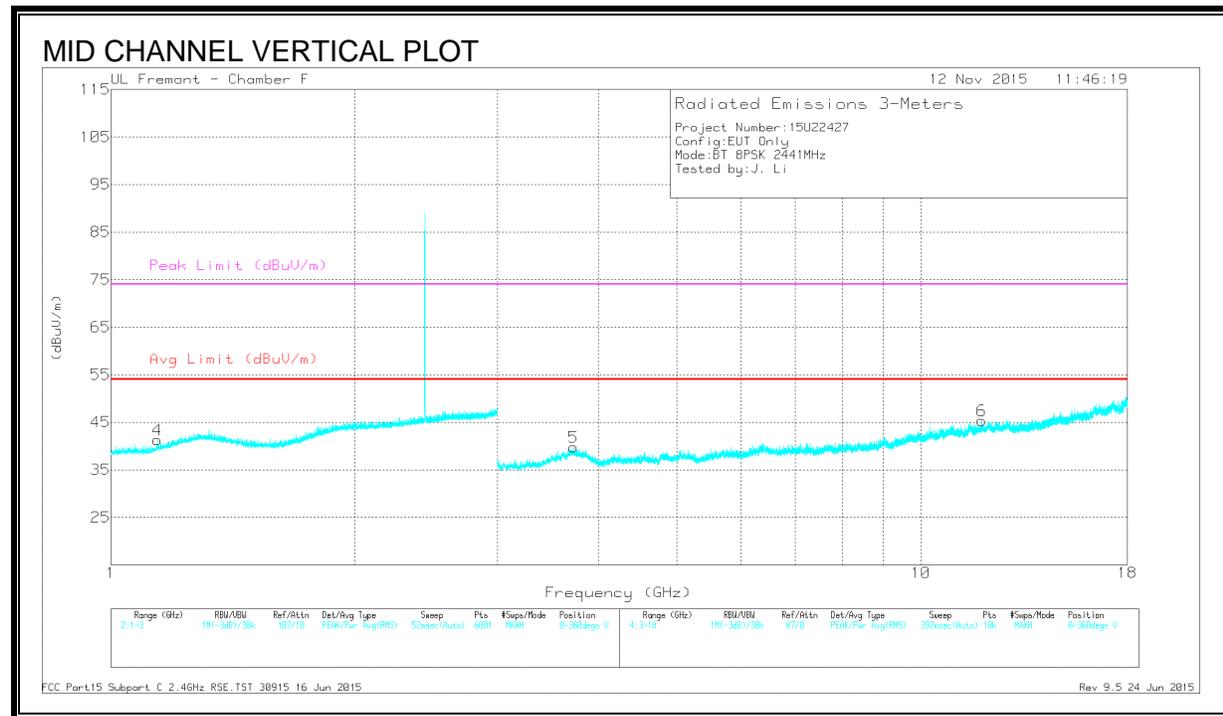
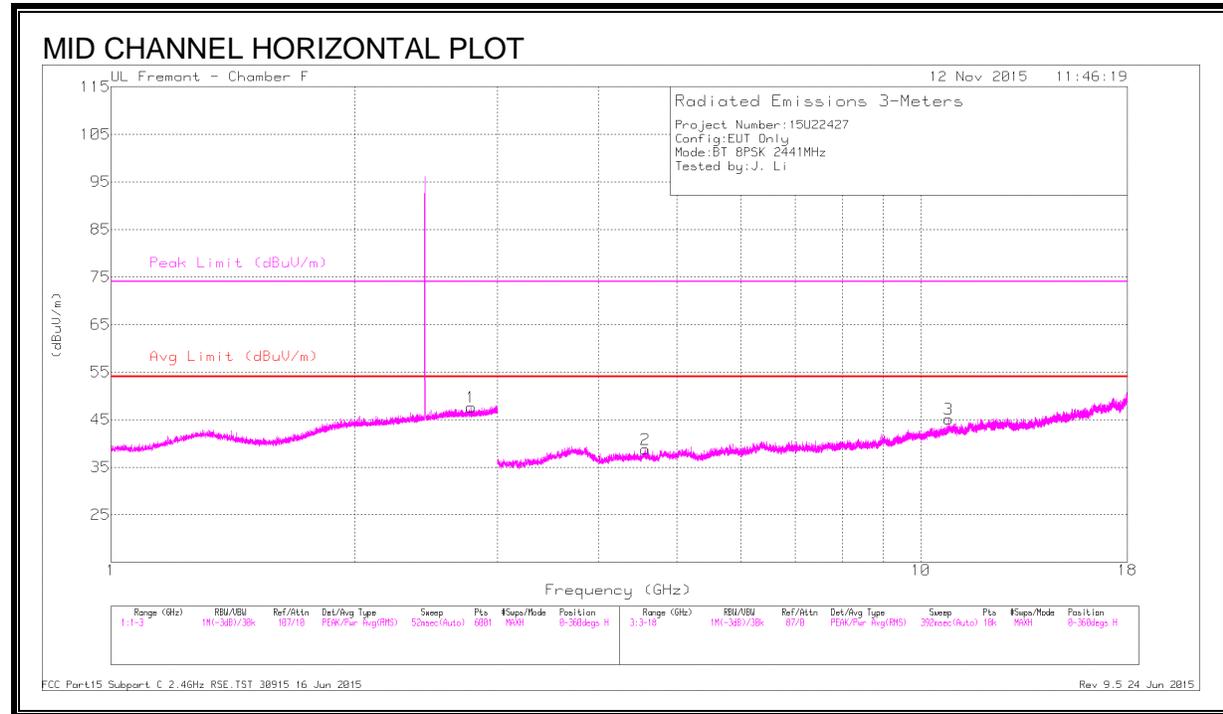
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T120 (dB/m)	Amp/Cb/ Fitr/Pad (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 1.595	42.2	PK2	28.1	-22.1	48.2	-	-	74	-25.8	313	277	H
	* 1.594	28.8	VA1T	28.1	-22.1	34.8	54	-19.2	-	-	313	277	H
4	* 2.282	42.09	PK2	31.7	-21.1	52.69	-	-	74	-21.31	154	250	V
	* 2.284	28.67	VA1T	31.8	-21.1	39.37	54	-14.63	-	-	154	250	V
2	* 3.816	38.82	PK2	34.1	-28.6	44.32	-	-	74	-29.68	306	159	H
	* 3.818	25.84	VA1T	34.1	-28.6	31.34	54	-22.66	-	-	306	159	H
3	* 11.502	33.72	PK2	38.6	-21.3	51.02	-	-	74	-22.98	216	186	H
	* 11.499	21.25	VA1T	38.6	-21.3	38.55	54	-15.45	-	-	216	186	H
5	* 7.47	36.46	PK2	35.7	-25.6	46.56	-	-	74	-27.44	114	311	V
	* 7.468	23.68	VA1T	35.7	-25.7	33.68	54	-20.32	-	-	114	311	V
6	* 11.233	34.24	PK2	38.2	-21.6	50.84	-	-	74	-23.16	237	225	V
	* 11.232	21.22	VA1T	38.2	-21.6	37.82	54	-16.18	-	-	237	225	V

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

PK2 - KDB558074 Method: Maximum Peak

VA1T - FHSS: Linear Voltage Average $V_B=1/T_{on}$ where: T_{on} is transmit duration

HARMONICS AND SPURIOUS EMISSIONS



DATA

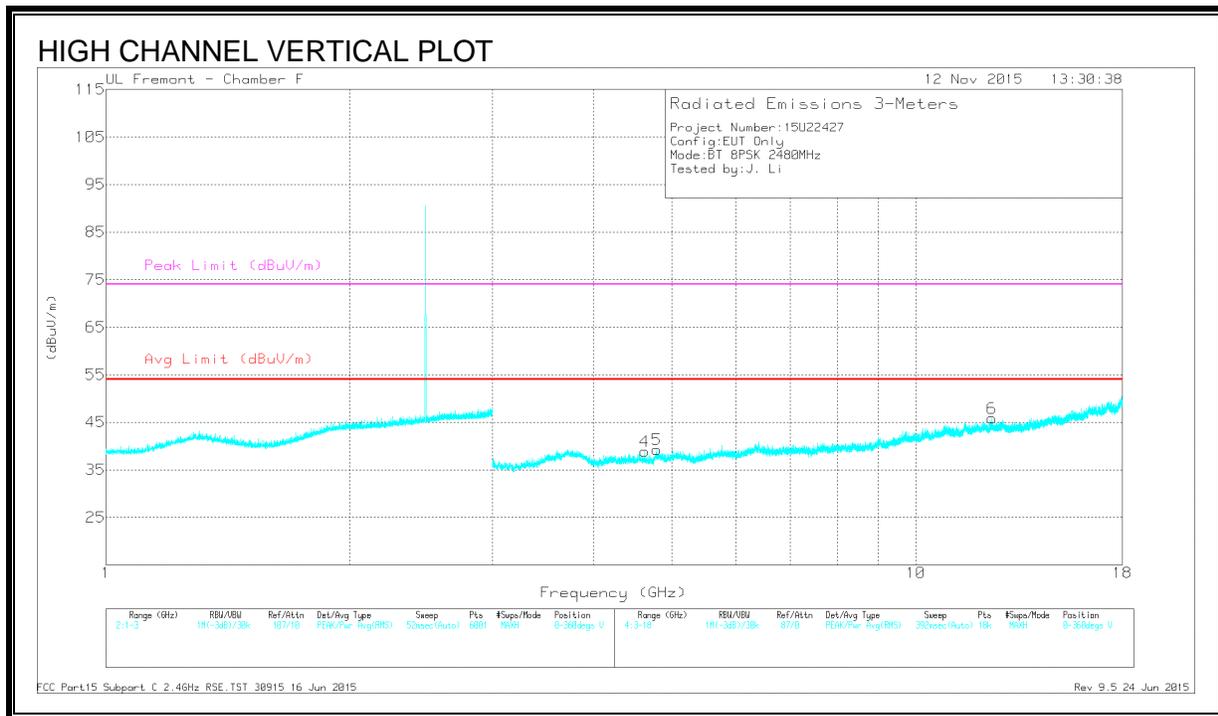
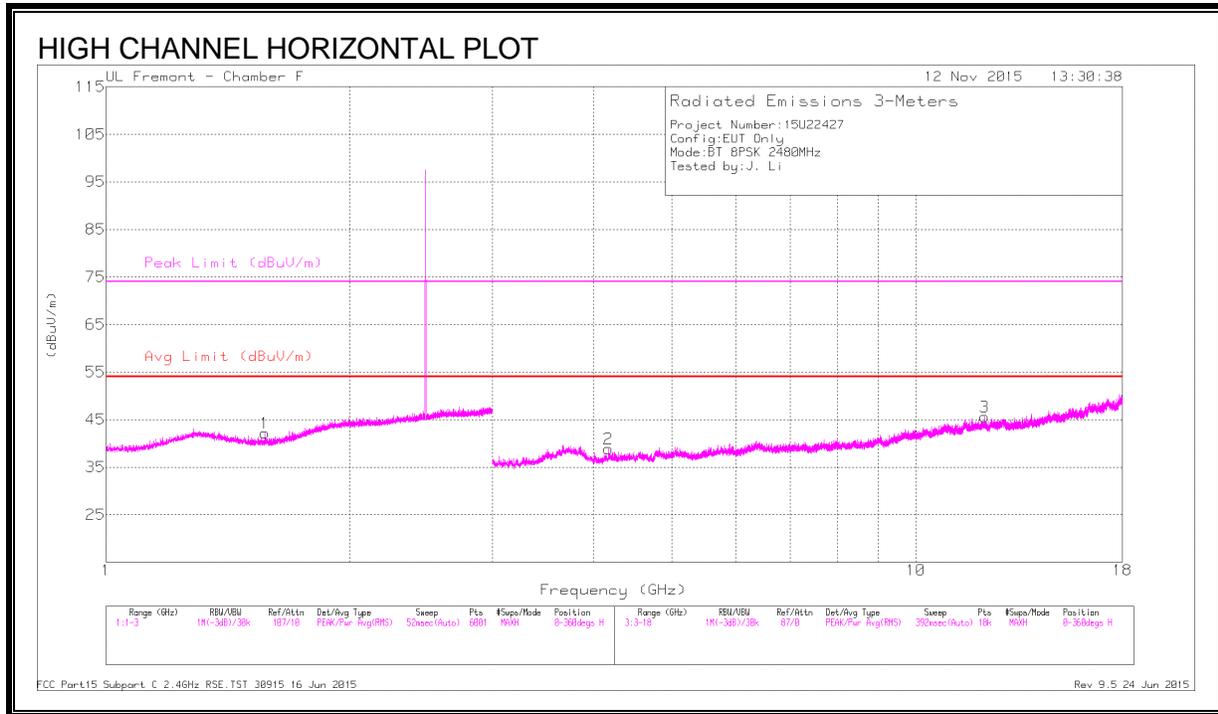
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T120 (dB/m)	Amp/Cb/ Fitr/Pad (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.785	41.9	PK2	32.7	-20.6	54	-	-	74	-20	142	249	H
	* 2.785	28.52	VA1T	32.7	-20.6	40.62	54	-13.38	-	-	142	249	H
4	* 1.141	42.18	PK2	27.9	-22.7	47.38	-	-	74	-26.62	94	307	V
	* 1.143	29.05	VA1T	27.9	-22.7	34.25	54	-19.75	-	-	94	307	V
2	* 4.569	37.98	PK2	34	-27.9	44.08	-	-	74	-29.92	281	260	H
	* 4.569	25.23	VA1T	34	-28	31.23	54	-22.77	-	-	281	260	H
3	* 10.834	34.96	PK2	38.1	-21.9	51.16	-	-	74	-22.84	188	232	H
	* 10.832	21.25	VA1T	38.1	-22	37.35	54	-16.65	-	-	188	232	H
5	* 3.726	39.03	PK2	34.5	-29.4	44.13	-	-	74	-29.87	246	175	V
	* 3.724	26.33	VA1T	34.6	-29.4	31.53	54	-22.47	-	-	246	175	V
6	* 11.903	34.24	PK2	39.1	-22.1	51.24	-	-	74	-22.76	115	283	V
	* 11.903	21.55	VA1T	39.1	-22.1	38.55	54	-15.45	-	-	115	283	V

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

PK2 - KDB558074 Method: Maximum Peak

VA1T - FHSS: Linear Voltage Average $V_B=1/T_{on}$ where: T_{on} is transmit duration

HARMONICS AND SPURIOUS EMISSIONS



DATA

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T120 (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	* 1.573	42.06	PK2	28.2	-22.1	48.16	-	-	74	-25.84	174	139	H
	* 1.573	28.77	VA1T	28.2	-22.1	34.87	54	-19.13	-	-	174	139	H
2	* 4.176	38.86	PK2	33.6	-28.5	43.96	-	-	74	-30.04	239	180	H
	* 4.173	25.66	VA1T	33.6	-28.6	30.66	54	-23.34	-	-	239	180	H
3	* 12.164	34.24	PK2	39	-22	51.24	-	-	74	-22.76	243	150	H
	* 12.163	21.6	VA1T	39	-22	38.6	54	-15.4	-	-	243	150	H
4	* 4.627	38.58	PK2	34	-28.6	43.98	-	-	74	-30.02	67	281	V
	* 4.626	25.68	VA1T	34	-28.6	31.08	54	-22.92	-	-	67	281	V
5	* 4.787	39.56	PK2	34.1	-28	45.66	-	-	74	-28.34	166	211	V
	* 4.786	25.94	VA1T	34.1	-28	32.04	54	-21.96	-	-	166	211	V
6	* 12.423	35.17	PK2	39.1	-22.5	51.77	-	-	74	-22.23	275	147	V
	* 12.423	22.05	VA1T	39.1	-22.5	38.65	54	-15.35	-	-	275	147	V

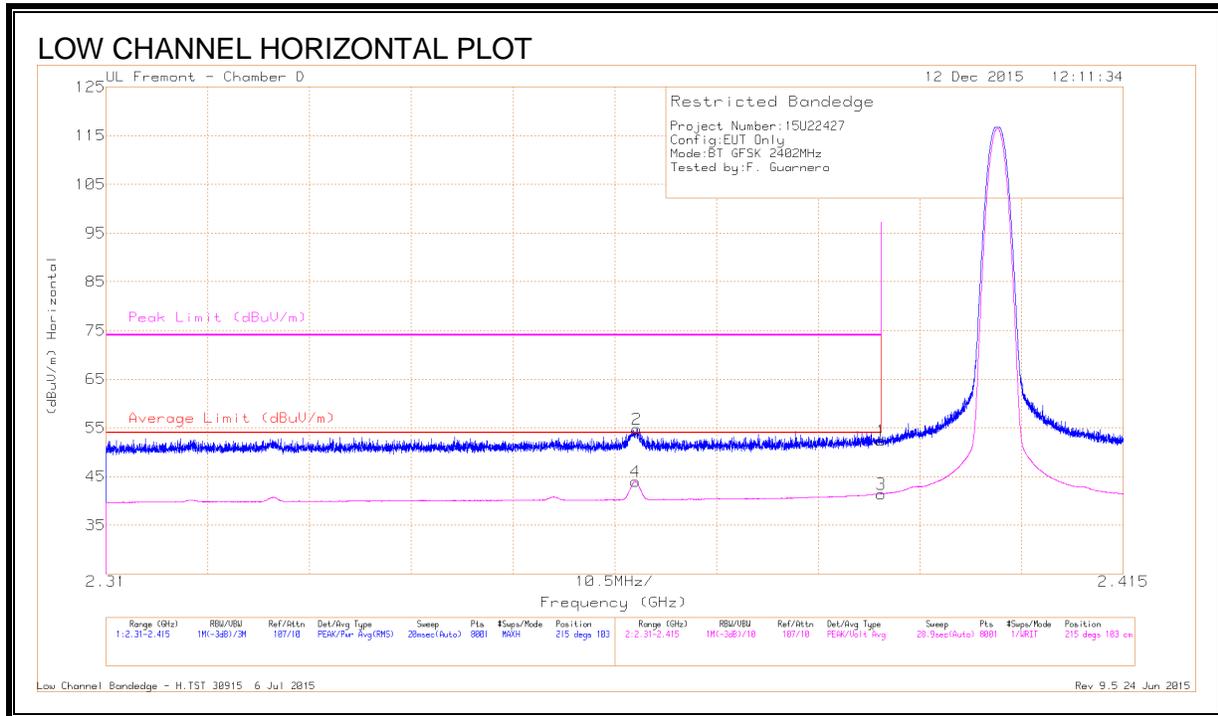
* - indicates frequency in CFR15.205/IC7.2.2 Restricted Band

PK2 - KDB558074 Method: Maximum Peak

VA1T - FHSS: Linear Voltage Average $V_B=1/T_{on}$ where: T_{on} is transmit duration

8.2.5. ANTENNA C, HIGH POWER BASIC DATA RATE GFSK MODULATION

RESTRICTED BANDEDGE (LOW CHANNEL, HORIZONTAL)



DATA

Trace Markers

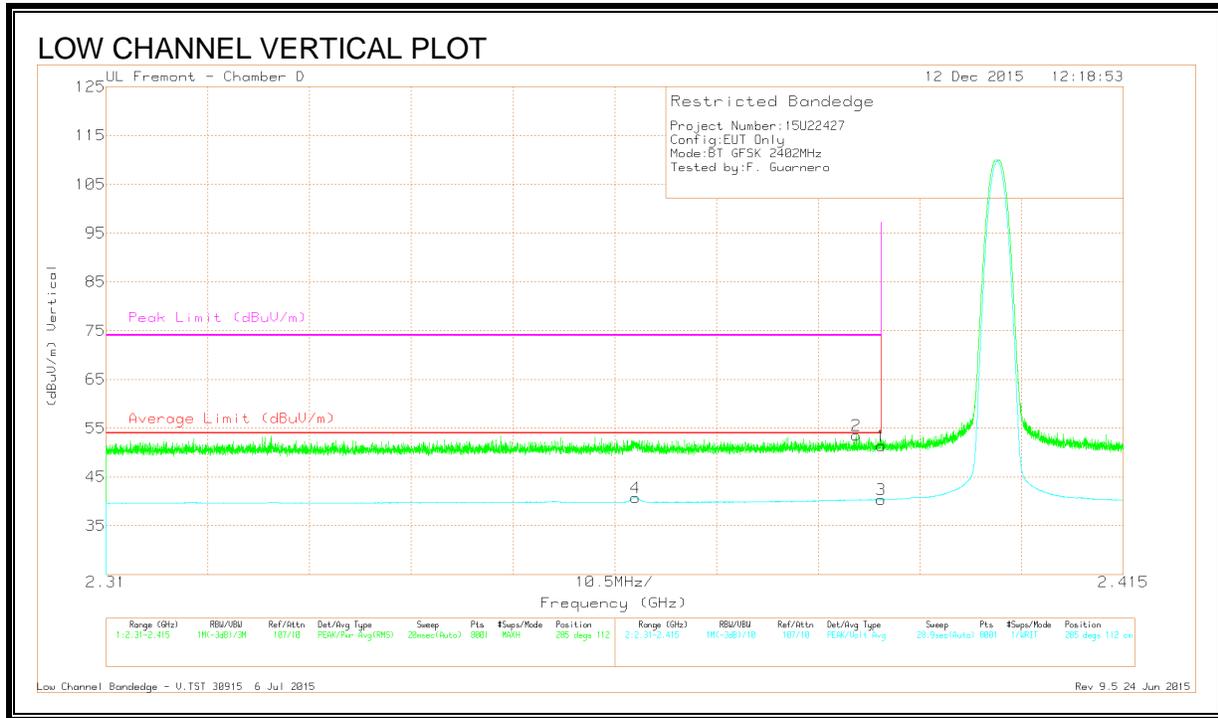
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T344 (dB/m)	Amp/Cb/ Fitr/Pad (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.39	41.04	Pk	32.1	-20.7	52.44	-	-	74	-21.56	215	103	H
2	* 2.365	43.71	Pk	32	-20.9	54.81	-	-	74	-19.19	215	103	H
3	* 2.39	30.01	VA1T	32.1	-20.7	41.41	54	-12.59	-	-	215	103	H
4	* 2.365	32.82	VA1T	32	-20.9	43.92	54	-10.08	-	-	215	103	H

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

Pk - Peak detector

VA1T - FHSS: Linear Voltage Average $VB=1/T_{on}$ where: T_{on} is transmit duration

RESTRICTED BANDEDGE (LOW CHANNEL, VERTICAL)



DATA

Trace Markers

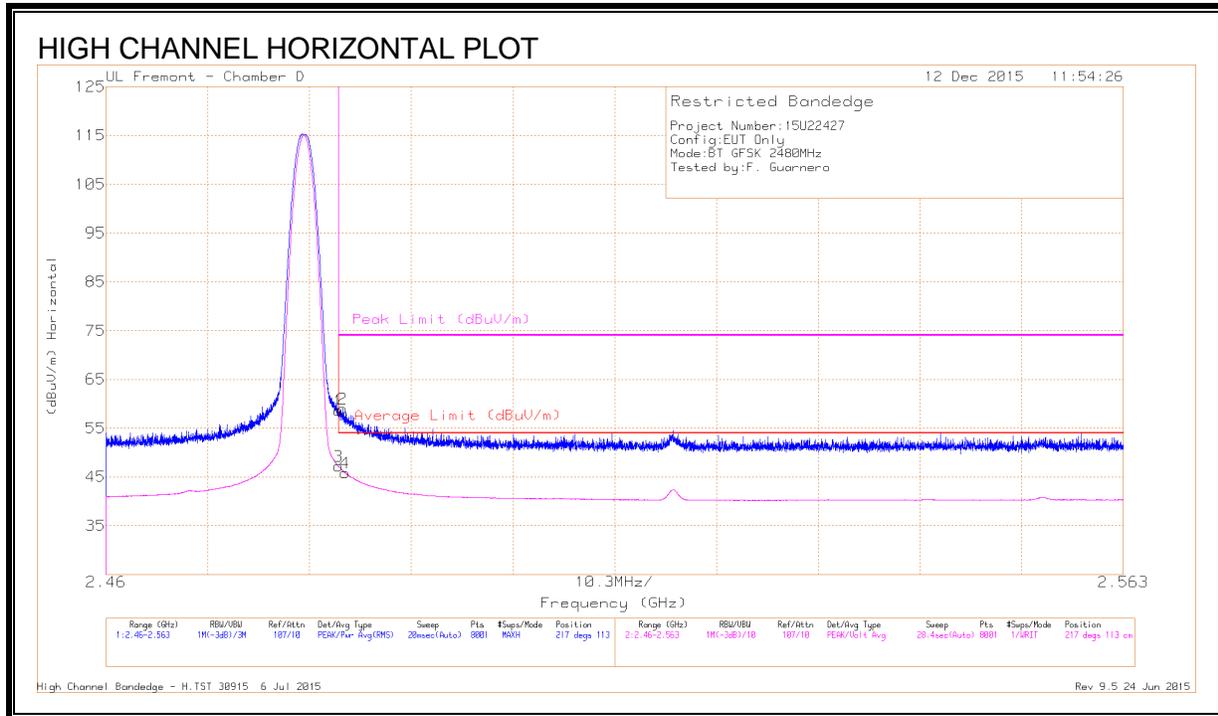
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T344 (dB/m)	Amp/Cbl/Fltr/Pad (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.39	40.03	Pk	32.1	-20.7	51.43	-	-	74	-22.57	285	112	V
2	* 2.387	42.2	Pk	32.1	-20.8	53.5	-	-	74	-20.5	285	112	V
3	* 2.39	28.91	VA1T	32.1	-20.7	40.31	54	-13.69	-	-	285	112	V
4	* 2.365	29.65	VA1T	32	-20.9	40.75	54	-13.25	-	-	285	112	V

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

Pk - Peak detector

VA1T - FHSS: Linear Voltage Average $VB=1/T_{on}$ where: T_{on} is transmit duration

RESTRICTED BANDEDGE (HIGH CHANNEL, HORIZONTAL)



DATA

Trace Markers

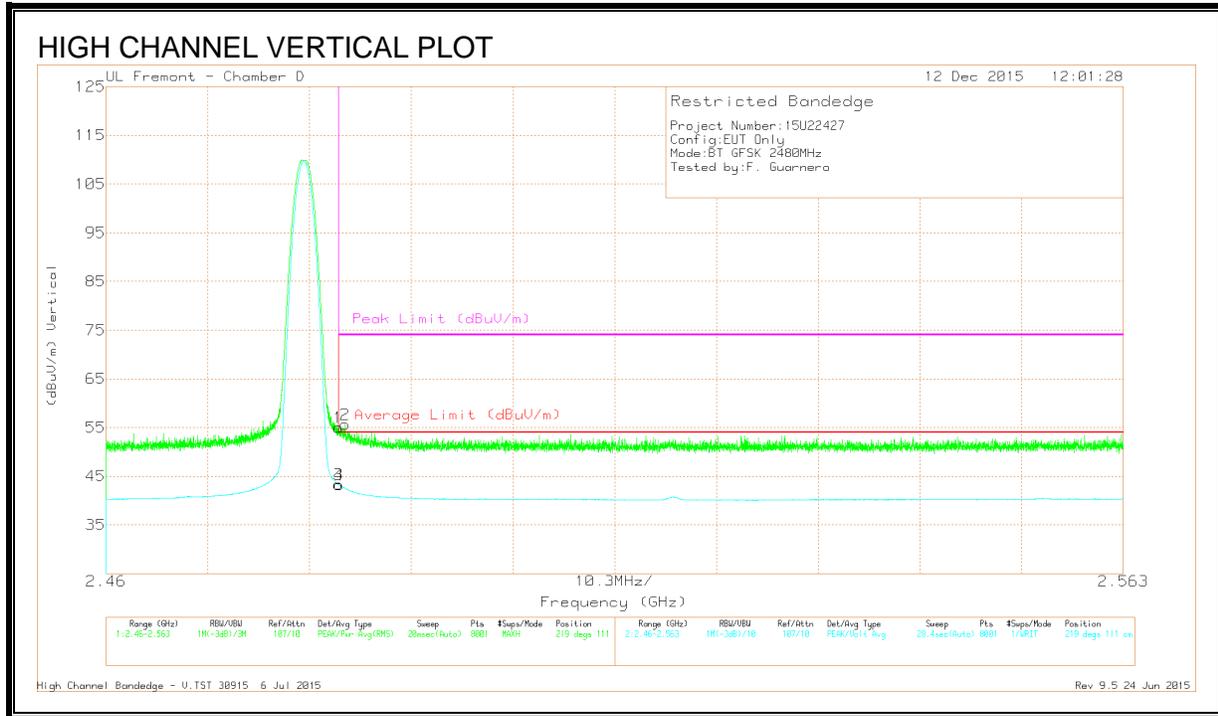
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AFT344 (dB/m)	Amp/Cbl/Fltr/Pad (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.484	47.26	Pk	32.2	-20.8	58.66	-	-	74	-15.34	217	113	H
2	* 2.484	47.63	Pk	32.2	-20.8	59.03	-	-	74	-14.97	217	113	H
3	* 2.484	35.78	VA1T	32.2	-20.8	47.18	54	-6.82	-	-	217	113	H
4	* 2.484	34.46	VA1T	32.2	-20.8	45.86	54	-8.14	-	-	217	113	H

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

Pk - Peak detector

VA1T - FHSS: Linear Voltage Average $VB=1/Ton$ where: Ton is transmit duration

RESTRICTED BANDEGE (HIGH CHANNEL, VERTICAL)



DATA

Trace Markers

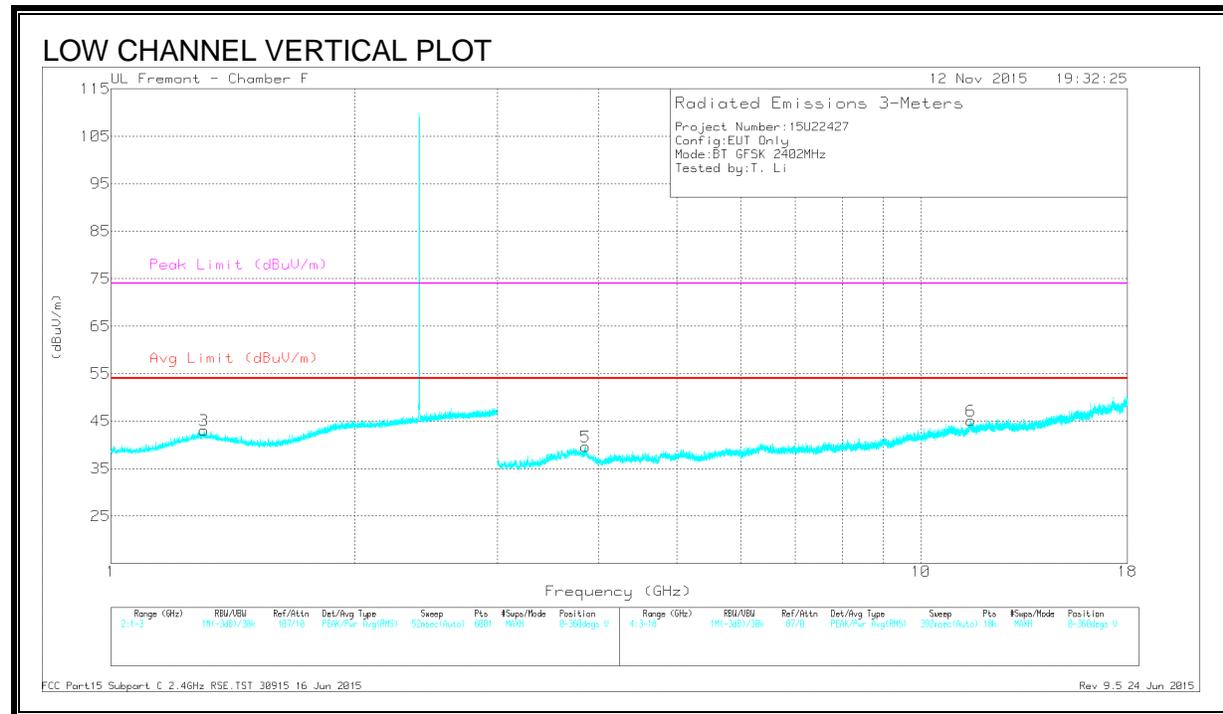
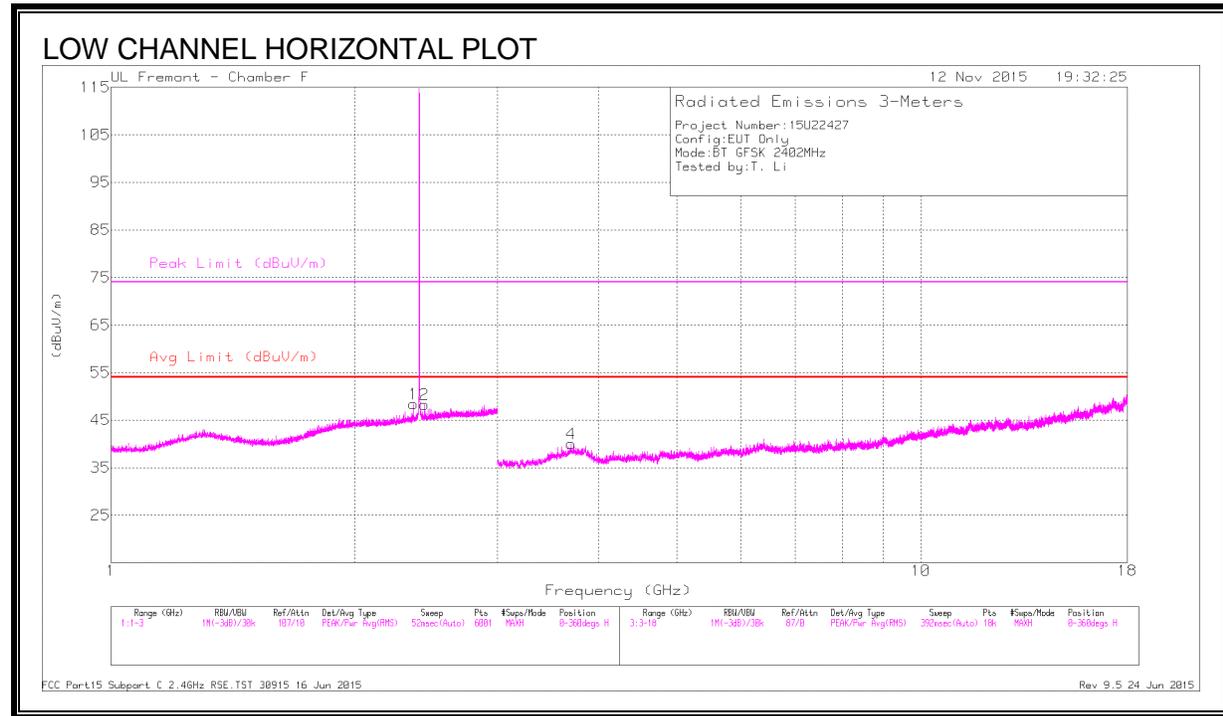
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T344 (dB/m)	Amp/Cb/Fltr/Pad (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.484	43.65	Pk	32.2	-20.8	55.05	-	-	74	-18.95	219	111	V
2	* 2.484	44.25	Pk	32.2	-20.8	55.65	-	-	74	-18.35	219	111	V
3	* 2.484	31.89	VA1T	32.2	-20.8	43.29	54	-10.71	-	-	219	111	V
4	* 2.484	31.78	VA1T	32.2	-20.8	43.18	54	-10.82	-	-	219	111	V

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

Pk - Peak detector

VA1T - FHSS: Linear Voltage Average VB=1/Ton where: Ton is transmit duration

ANTENNA C HIGH POWER, HARMONICS AND SPURIOUS EMISSIONS



DATA

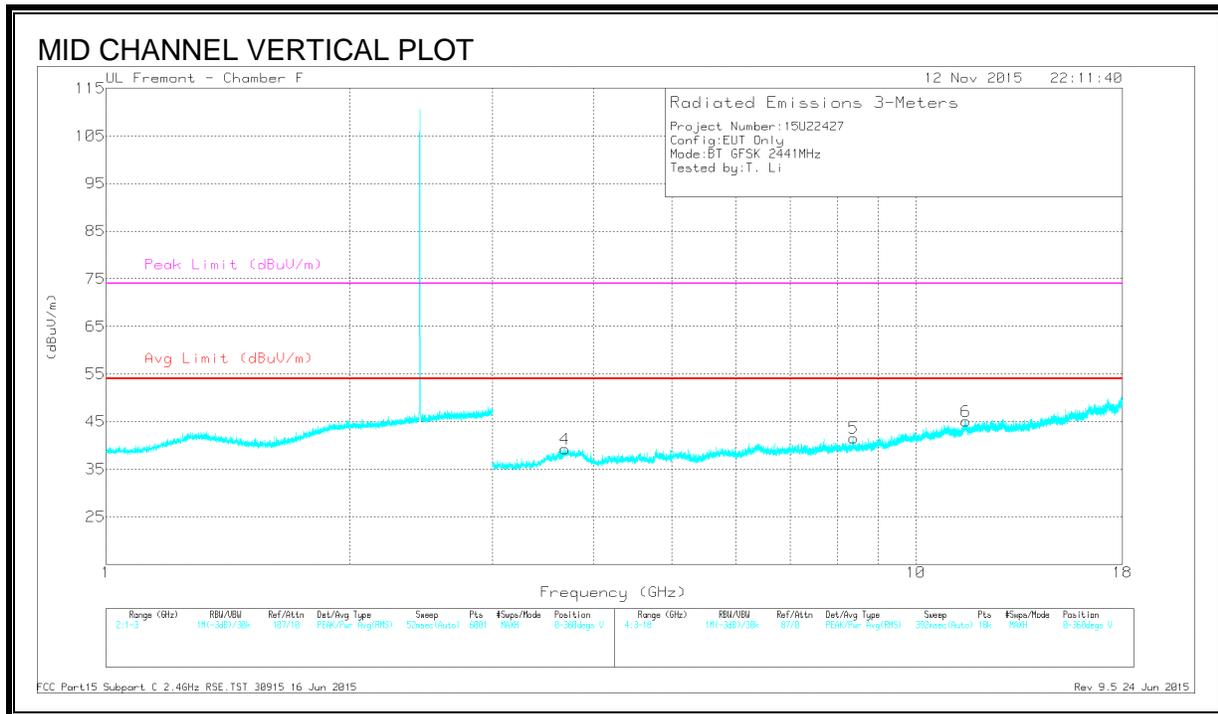
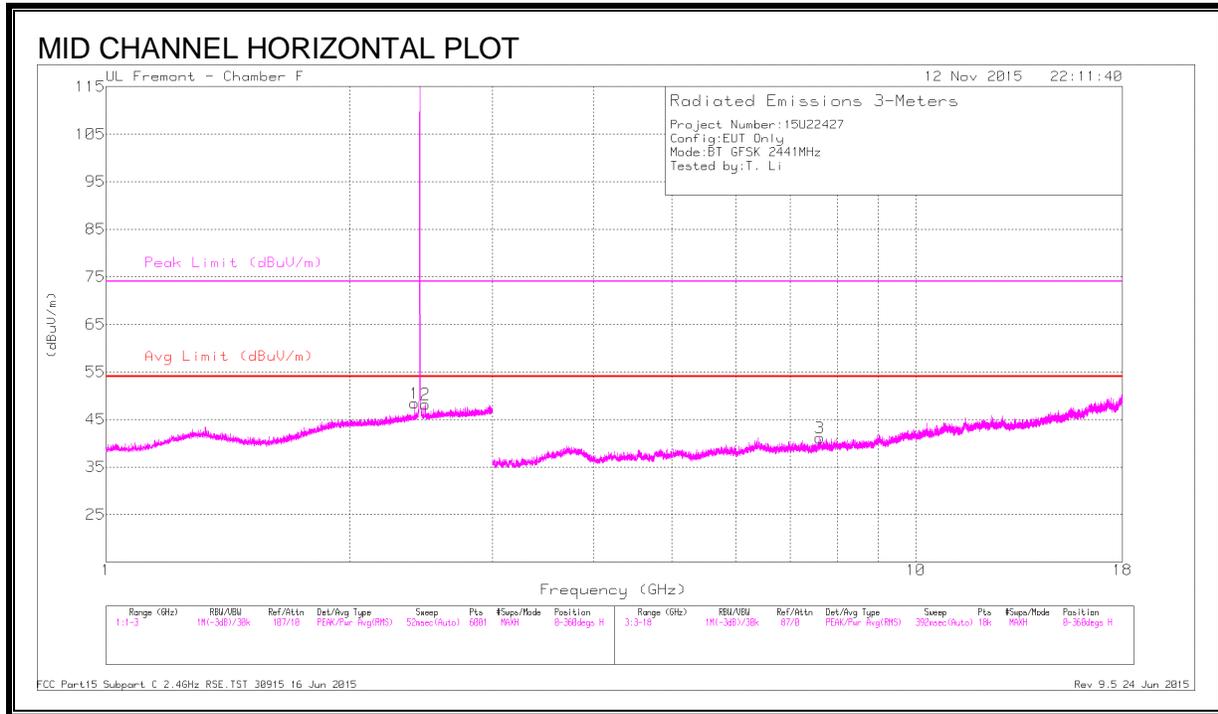
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T120 (dB/m)	Amp/Cb/ Fitr/Pad (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.365	43.65	PK2	31.9	-21	54.55	-	-	74	-19.45	231	113	H
	* 2.365	32.73	VA1T	31.9	-21	43.63	54	-10.37	-	-	231	113	H
2	2.439	44.87	PK2	32	-21	55.87	-	-	-	-	227	122	H
	2.439	33.06	VA1T	32	-21	44.06	-	-	-	-	227	122	H
3	* 1.302	42.39	PK2	30	-22.2	50.19	-	-	74	-23.81	129	231	V
	* 1.302	28.77	VA1T	30	-22.2	36.57	54	-17.43	-	-	129	231	V
4	* 3.703	38.86	PK2	34.7	-29.5	44.06	-	-	74	-29.94	227	290	H
	* 3.701	26.32	VA1T	34.7	-29.5	31.52	54	-22.48	-	-	227	290	H
5	* 3.852	39.3	PK2	34	-28.3	45	-	-	74	-29	234	324	V
	* 3.855	26.05	VA1T	34	-28.3	31.75	54	-22.25	-	-	234	324	V
6	* 11.53	34.14	PK2	38.6	-21.3	51.44	-	-	74	-22.56	112	175	V
	* 11.528	21.16	VA1T	38.6	-21.3	38.46	54	-15.54	-	-	112	175	V

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

PK2 - KDB558074 Method: Maximum Peak

VA1T - FHSS: Linear Voltage Average $V_B=1/T_{on}$ where: T_{on} is transmit duration

HARMONICS AND SPURIOUS EMISSIONS



DATA

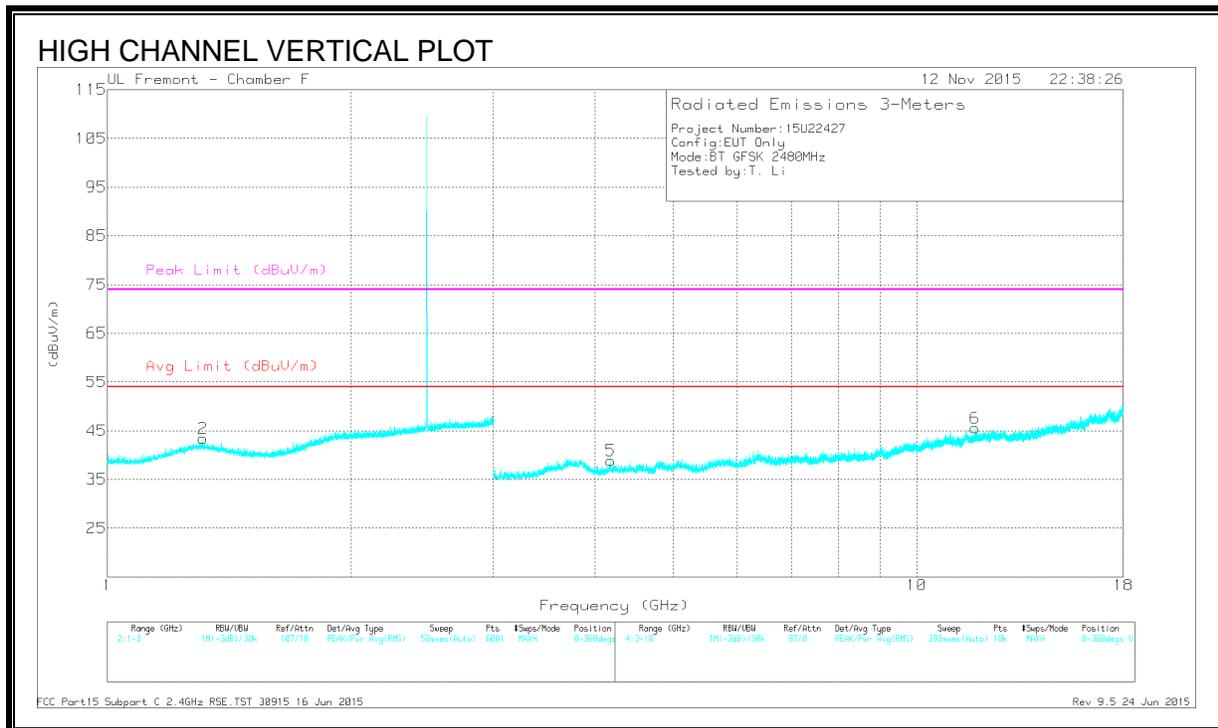
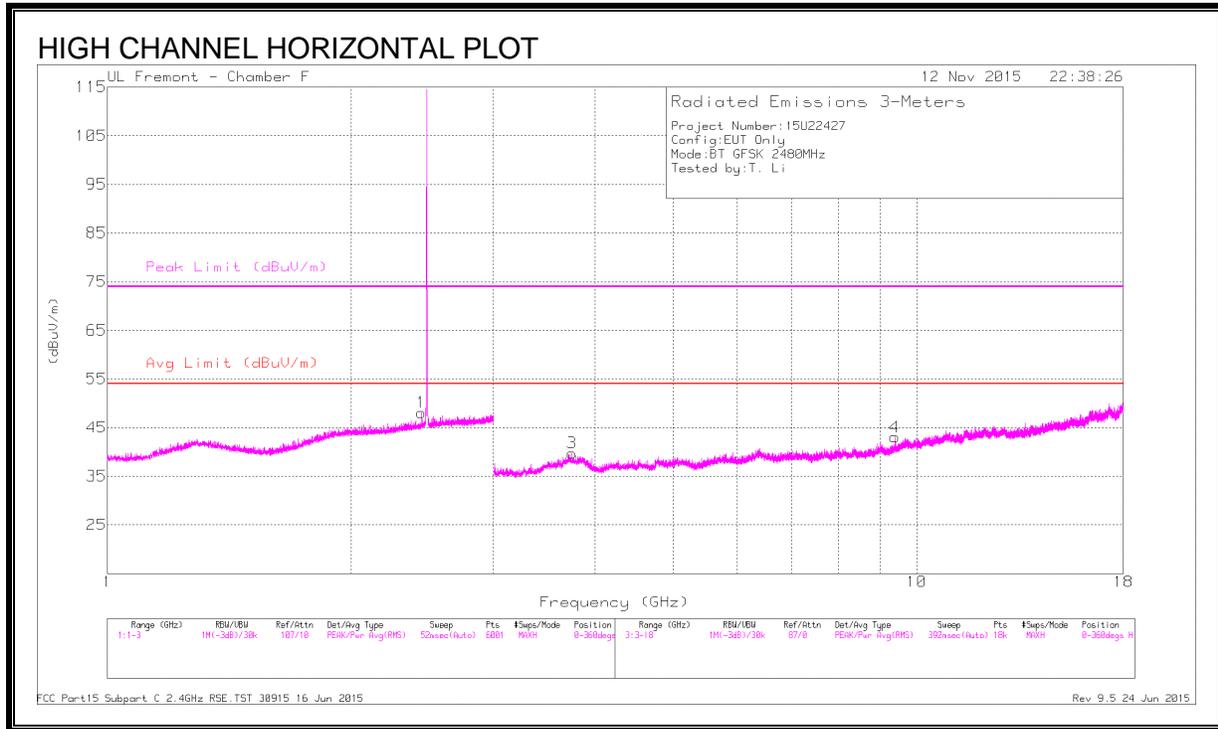
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T120 (dB/m)	Amp/Cbl/ Fitr/Pad (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	2.403	43.68	PK2	31.9	-21	54.58	-	-	-	-	46	138	H
	2.404	32.61	VA1T	31.9	-21	43.51	-	-	-	-	46	138	H
2	2.478	42.03	PK2	32.2	-21.1	53.13	-	-	-	-	125	214	H
	2.479	28.85	VA1T	32.2	-21.1	39.95	-	-	-	-	125	214	H
3	* 7.612	36.53	PK2	35.8	-25.7	46.63	-	-	74	-27.37	89	354	H
	* 7.612	23.69	VA1T	35.8	-25.7	33.79	54	-20.21	-	-	89	354	H
4	* 3.687	39.34	PK2	34.7	-29.4	44.64	-	-	74	-29.36	168	251	V
	* 3.686	26.43	VA1T	34.7	-29.5	31.63	54	-22.37	-	-	168	251	V
5	* 8.377	35.69	PK2	35.8	-24.2	47.29	-	-	74	-26.71	130	271	V
	* 8.377	22.84	VA1T	35.8	-24.2	34.44	54	-19.56	-	-	130	271	V
6	* 11.539	33.96	PK2	38.6	-21.4	51.16	-	-	74	-22.84	258	115	V
	* 11.536	21.16	VA1T	38.6	-21.3	38.46	54	-15.54	-	-	258	115	V

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

PK2 - KDB558074 Method: Maximum Peak

VA1T - FHSS: Linear Voltage Average VB=1/Ton where: Ton is transmit duration

HARMONICS AND SPURIOUS EMISSIONS



DATA

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T120 (dB/m)	Amp/Cb/ 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	2.443	43.82	PK2	32.1	-21	54.92	-	-	-	-	235	126	H
	2.443	32.56	VA1T	32.1	-21	43.66	-	-	-	-	235	126	H
2	* 1.313	41.92	PK2	29.9	-22.2	49.62	-	-	74	-24.38	276	288	V
	* 1.311	28.86	VA1T	29.9	-22.2	36.56	54	-17.44	-	-	276	288	V
3	* 3.751	38.83	PK2	34.4	-29.3	43.93	-	-	74	-30.07	142	126	H
	* 3.751	26.09	VA1T	34.4	-29.3	31.19	54	-22.81	-	-	142	126	H
4	* 9.395	34.27	PK2	36.6	-22.6	48.27	-	-	74	-25.73	201	226	H
	* 9.394	21.29	VA1T	36.6	-22.6	35.29	54	-18.71	-	-	201	226	H
5	* 4.183	39.17	PK2	33.6	-28.4	44.37	-	-	74	-29.63	86	312	V
	* 4.183	25.67	VA1T	33.6	-28.4	30.87	54	-23.13	-	-	86	312	V
6	* 11.812	34.85	PK2	39	-22.4	51.45	-	-	74	-22.55	156	258	V
	* 11.812	21.85	VA1T	39	-22.4	38.45	54	-15.55	-	-	156	258	V

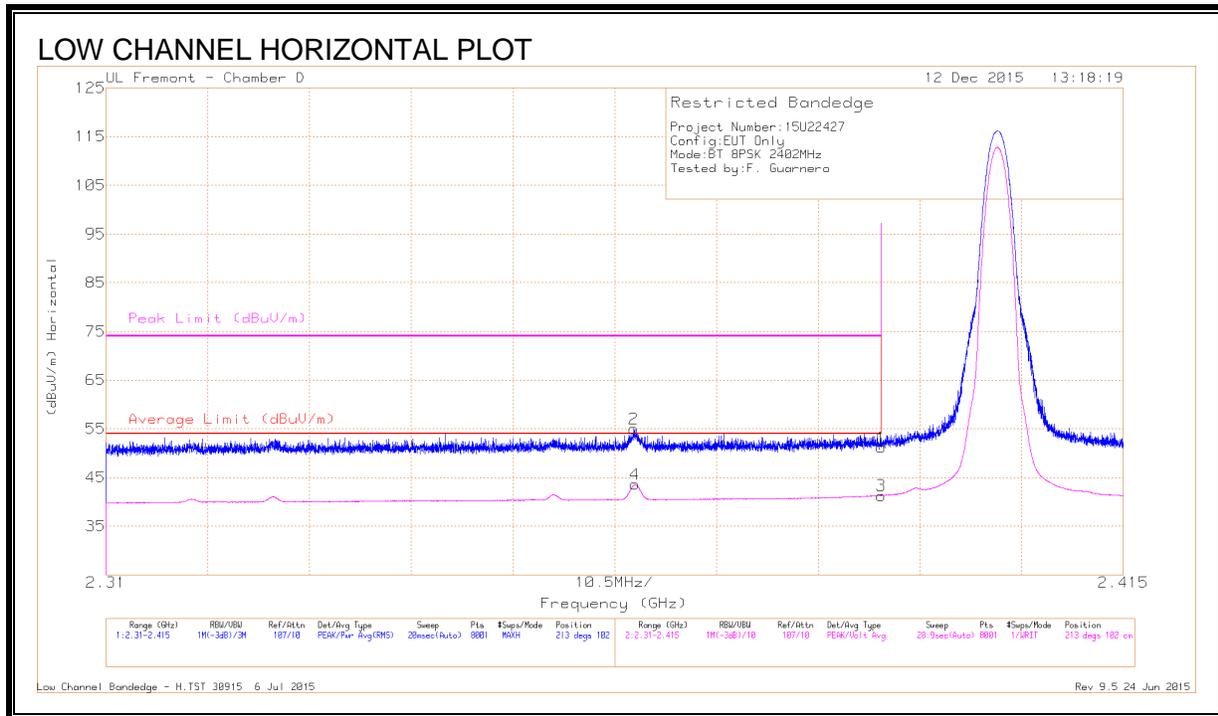
* - indicates frequency in CFR15.205/IC7.2.2 Restricted Band

PK2 - KDB558074 Method: Maximum Peak

VA1T - FHSS: Linear Voltage Average $V_B=1/T_{on}$ where: T_{on} is transmit duration

8.2.6. ANTENNA C, HIGH POWER ENHANCED DATA RATE 8PSK MODULATION

RESTRICTED BANDEDGE (LOW CHANNEL, HORIZONTAL)



DATA

Trace Markers

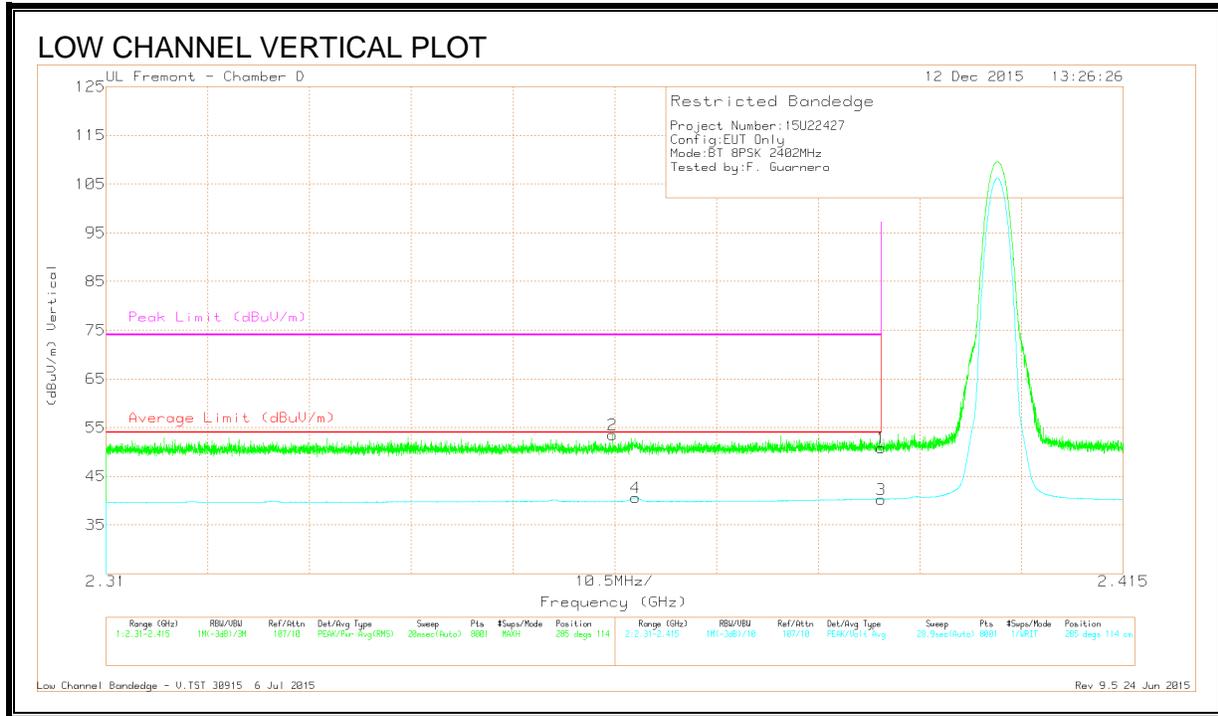
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T344 (dB/m)	Amp/Cbl/ Fitr/Pad (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.39	39.81	Pk	32.1	-20.7	51.21	-	-	74	-22.79	213	102	H
2	* 2.364	43.9	Pk	32	-20.9	55	-	-	74	-19	213	102	H
3	* 2.39	29.89	VA1T	32.1	-20.7	41.29	54	-12.71	-	-	213	102	H
4	* 2.365	32.44	VA1T	32	-20.9	43.54	54	-10.46	-	-	213	102	H

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

Pk - Peak detector

VA1T - FHSS: Linear Voltage Average VB=1/Ton where: Ton is transmit duration

RESTRICTED BANDEGE (LOW CHANNEL, VERTICAL)



DATA

Trace Markers

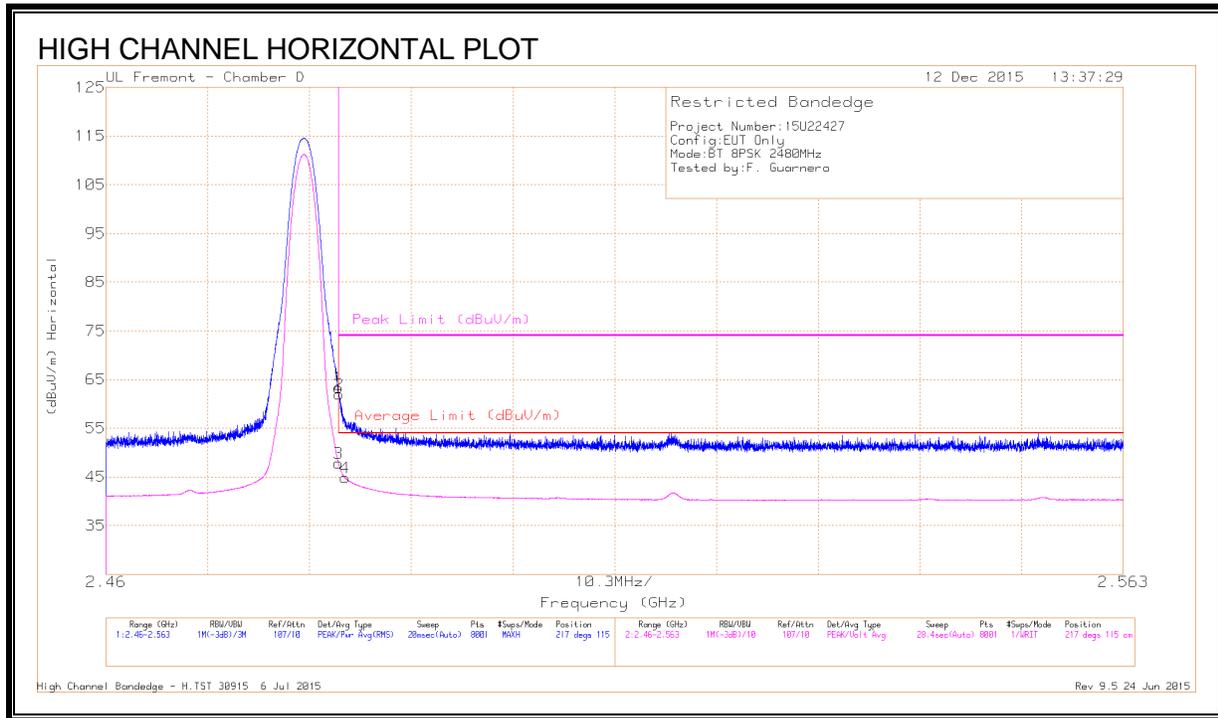
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T344 (dB/m)	Amp/Cb/Fltr/Pad (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
2	* 2.362	42.41	Pk	32	-20.9	53.51	-	-	74	-20.49	285	114	V
4	* 2.365	29.53	VA1T	32	-20.9	40.63	54	-13.37	-	-	285	114	V
1	* 2.39	39.35	Pk	32.1	-20.7	50.75	-	-	74	-23.25	285	114	V
3	* 2.39	28.88	VA1T	32.1	-20.7	40.28	54	-13.72	-	-	285	114	V

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

Pk - Peak detector

VA1T - FHSS: Linear Voltage Average $VB=1/Ton$ where: Ton is transmit duration

RESTRICTED BANDEGE (HIGH CHANNEL, HORIZONTAL)



DATA

Trace Markers

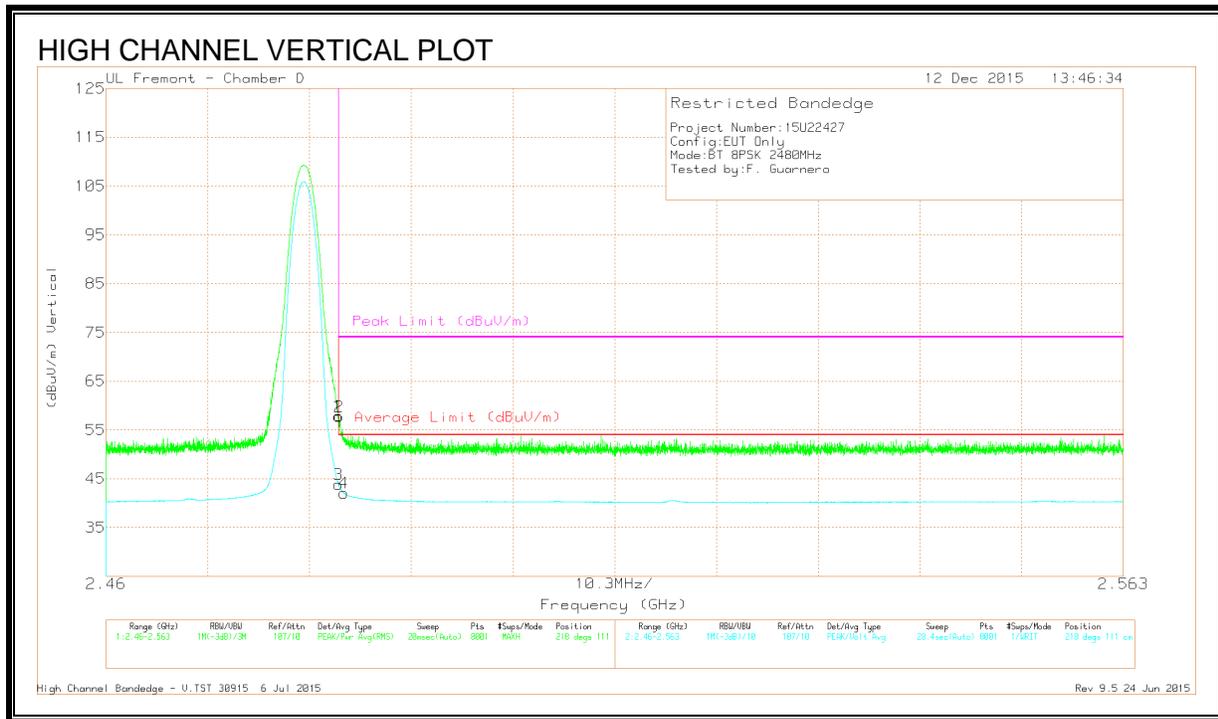
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T344 (dB/m)	Amp/Cb/Fltr/Pad (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.484	51.88	Pk	32.2	-20.8	63.28	-	-	74	-10.72	217	115	H
2	* 2.484	50.55	Pk	32.2	-20.8	61.95	-	-	74	-12.05	217	115	H
3	* 2.484	36.41	VA1T	32.2	-20.8	47.81	54	-6.19	-	-	217	115	H
4	* 2.484	33.47	VA1T	32.2	-20.8	44.87	54	-9.13	-	-	217	115	H

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

Pk - Peak detector

VA1T - FHSS: Linear Voltage Average $VB=1/Ton$ where: Ton is transmit duration

RESTRICTED BANDEGE (HIGH CHANNEL, VERTICAL)



DATA

Trace Markers

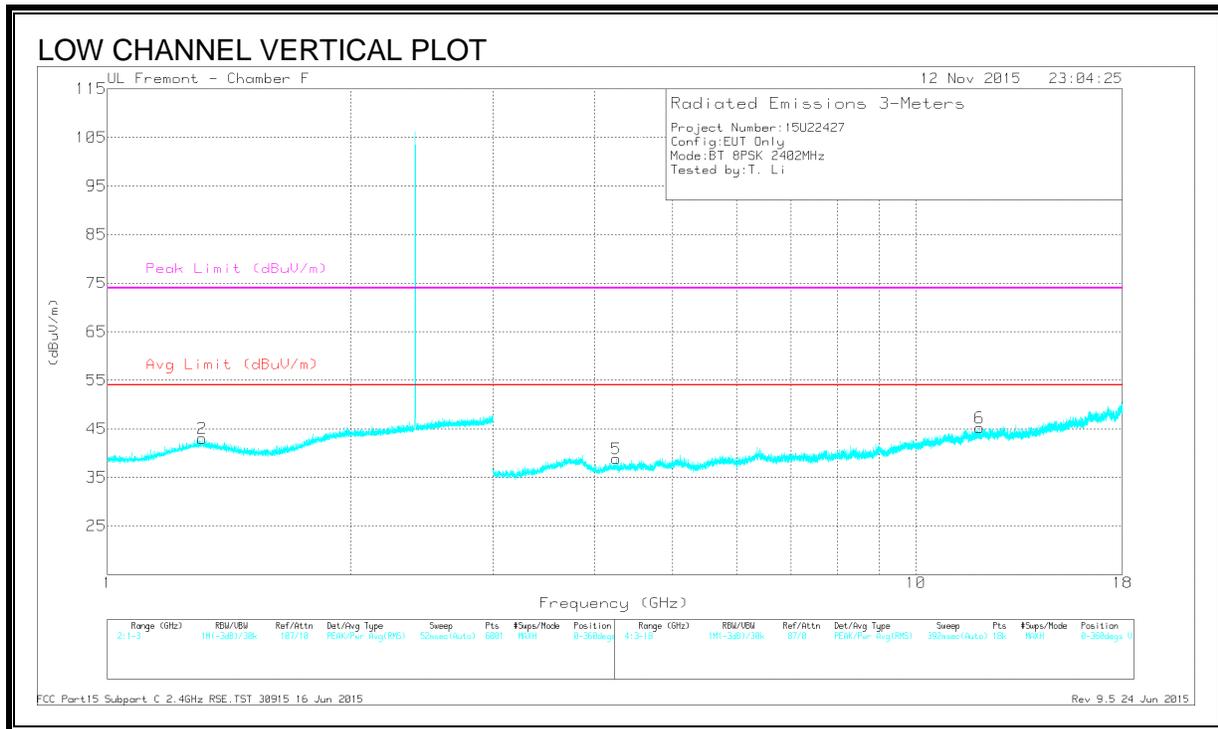
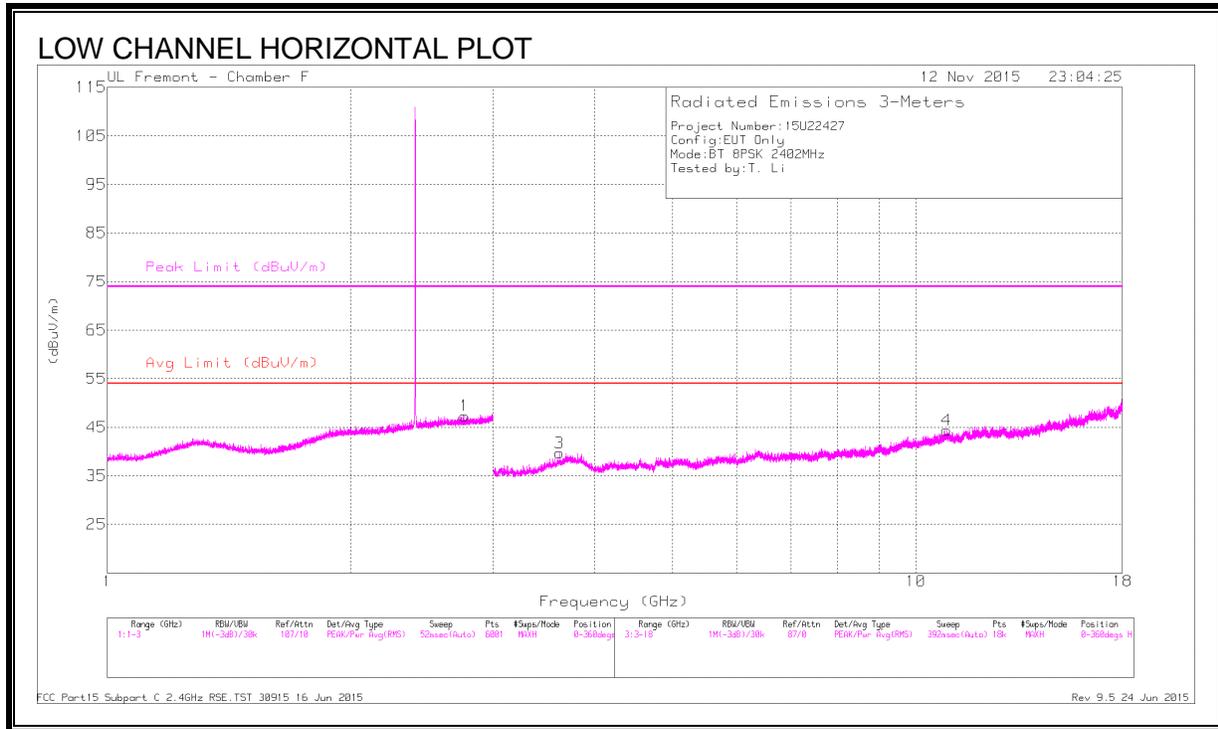
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T344 (dB/m)	Amp/Cb/ Fitr/Pad (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.484	46.41	Pk	32.2	-20.8	57.81	-	-	74	-16.19	218	111	V
2	* 2.484	46.35	Pk	32.2	-20.8	57.75	-	-	74	-16.25	218	111	V
3	* 2.484	32.47	VA1T	32.2	-20.8	43.87	54	-10.13	-	-	218	111	V
4	* 2.484	30.64	VA1T	32.2	-20.8	42.04	54	-11.96	-	-	218	111	V

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

Pk - Peak detector

VA1T - FHSS: Linear Voltage Average $V_B=1/T_{on}$ where: T_{on} is transmit duration

ANTENNA C, HIGH POWER HARMONICS AND SPURIOUS EMISSIONS



DATA

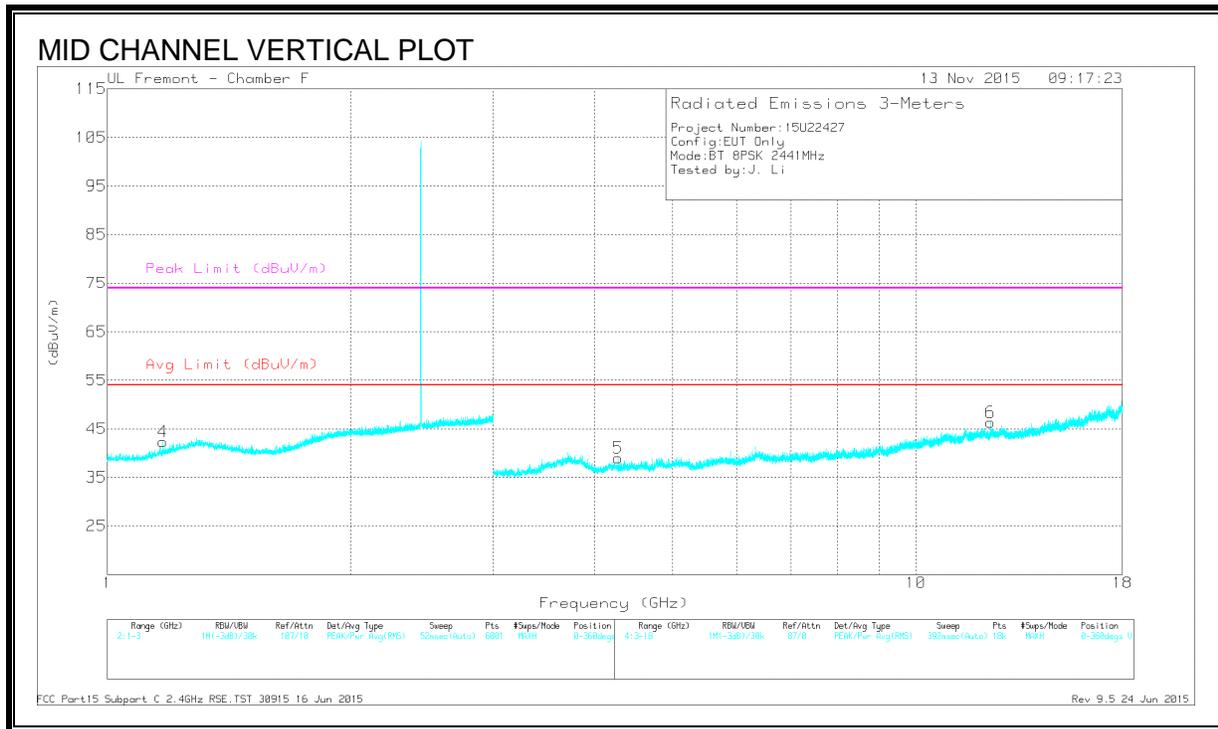
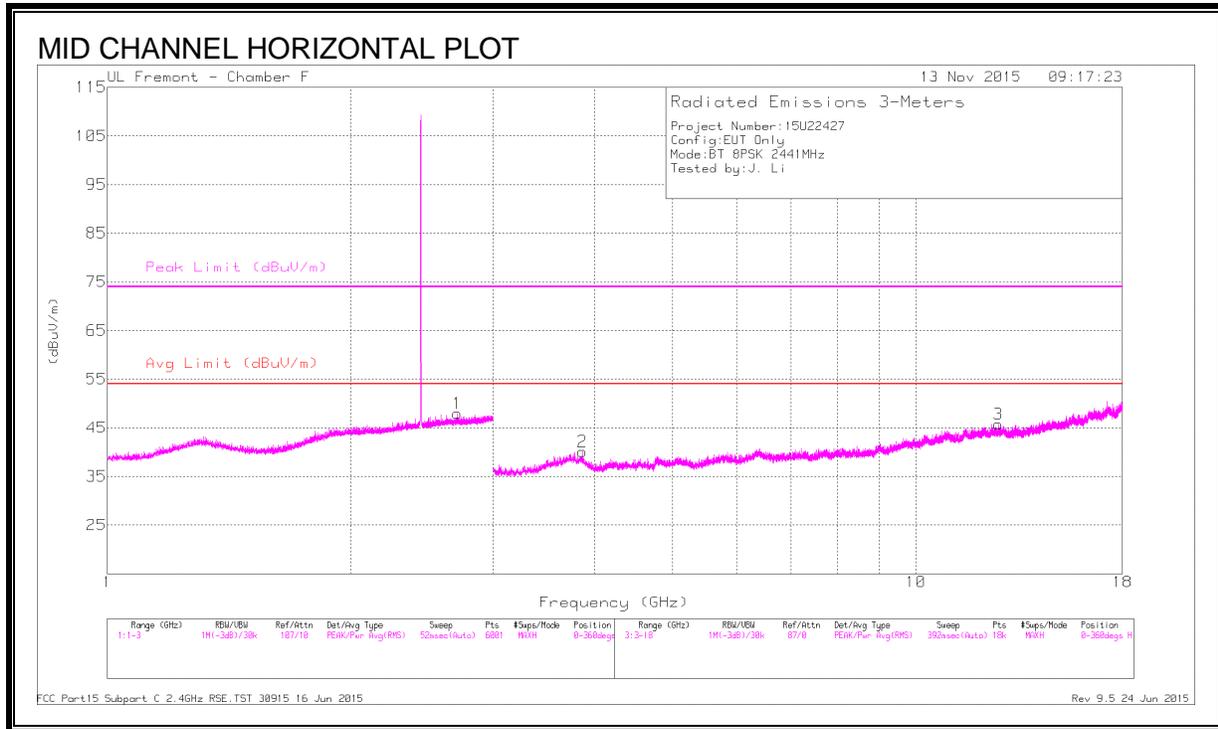
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T120 (dB/m)	Amp/Cbl/ Fitr/Pad (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.764	42.11	PK2	32.7	-20.7	54.11	-	-	74	-19.89	195	356	H
	* 2.762	28.6	VA1T	32.7	-20.7	40.6	54	-13.4	-	-	195	356	H
2	* 1.311	42.46	PK2	29.9	-22.2	50.16	-	-	74	-23.84	250	217	V
	* 1.312	28.86	VA1T	29.9	-22.2	36.56	54	-17.44	-	-	250	217	V
3	* 3.625	38.4	PK2	35	-29.3	44.1	-	-	74	-29.9	143	310	H
	* 3.624	25.99	VA1T	35	-29.3	31.69	54	-22.31	-	-	143	310	H
4	* 10.912	33.93	PK2	38.1	-21.7	50.33	-	-	74	-23.67	74	270	H
	* 10.915	21.21	VA1T	38.1	-21.7	37.61	54	-16.39	-	-	74	270	H
5	* 4.262	39.17	PK2	33.6	-28.6	44.17	-	-	74	-29.83	165	198	V
	* 4.261	25.6	VA1T	33.6	-28.6	30.6	54	-23.4	-	-	165	198	V
6	* 11.991	34.9	PK2	39.1	-23	51	-	-	74	-23	153	323	V
	* 11.992	22.25	VA1T	39.1	-23	38.35	54	-15.65	-	-	153	323	V

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

PK2 - KDB558074 Method: Maximum Peak

VA1T - FHSS: Linear Voltage Average VB=1/Ton where: Ton is transmit duration

HARMONICS AND SPURIOUS EMISSIONS



DATA

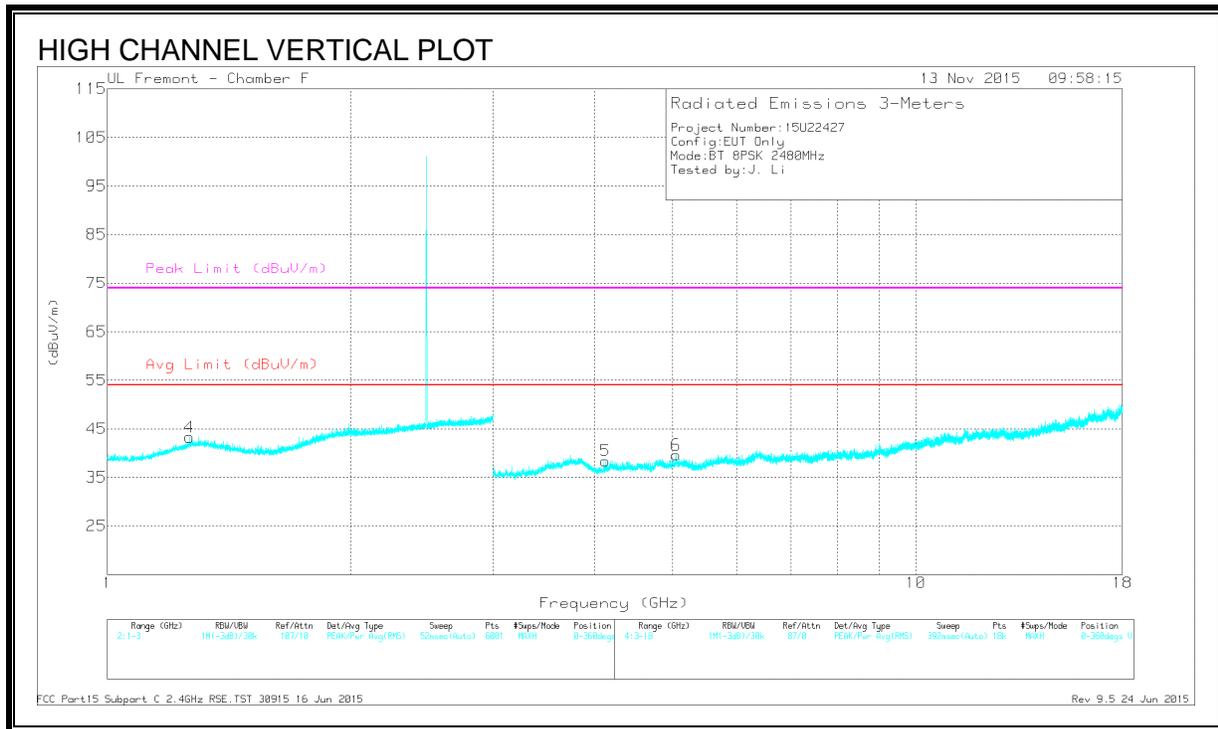
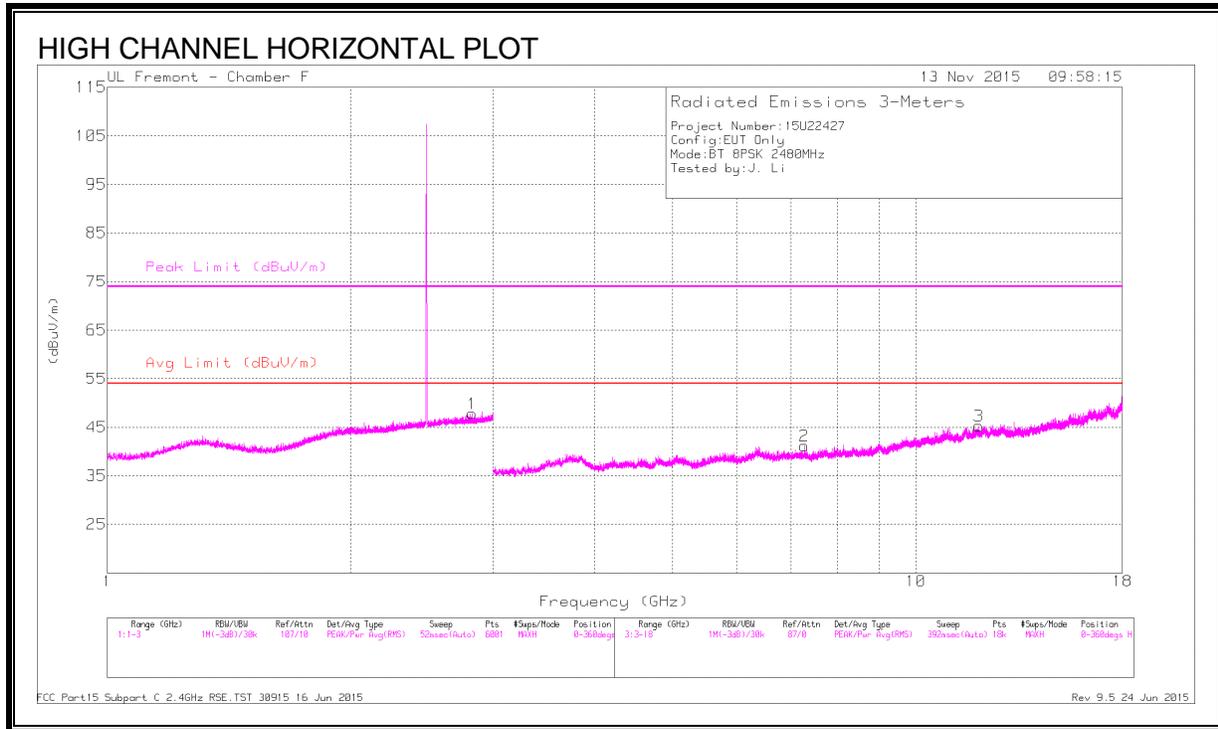
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T120 (dB/m)	Amp/Cb/ Fitr/Pad (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.709	42.05	PK2	32.7	-20.8	53.95	-	-	74	-20.05	216	310	H
	* 2.709	28.73	VA1T	32.7	-20.8	40.63	54	-13.37	-	-	216	310	H
4	* 1.173	42.54	PK2	28.4	-22.6	48.34	-	-	74	-25.66	178	235	V
	* 1.172	29.11	VA1T	28.4	-22.6	34.91	54	-19.09	-	-	178	235	V
2	* 3.867	38.93	PK2	33.9	-28.4	44.43	-	-	74	-29.57	149	206	H
	* 3.866	26.02	VA1T	33.9	-28.4	31.52	54	-22.48	-	-	149	206	H
3	* 12.648	35.95	PK2	39.3	-23.4	51.85	-	-	74	-22.15	98	183	H
	* 12.651	22.48	VA1T	39.3	-23.3	38.48	54	-15.52	-	-	98	183	H
5	* 4.281	38.44	PK2	33.6	-28.9	43.14	-	-	74	-30.86	344	136	V
	* 4.28	25.73	VA1T	33.6	-28.9	30.43	54	-23.57	-	-	344	136	V
6	* 12.369	35.39	PK2	39.1	-22.8	51.69	-	-	74	-22.31	293	275	V
	* 12.371	22.34	VA1T	39.1	-22.7	38.74	54	-15.26	-	-	293	275	V

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

PK2 - KDB558074 Method: Maximum Peak

VA1T - FHSS: Linear Voltage Average $V_B=1/T_{on}$ where: T_{on} is transmit duration

HARMONICS AND SPURIOUS EMISSIONS



DATA

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T120 (dB/m)	Amp/Cb/ 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	* 2.826	41.74	PK2	32.7	-20.4	54.04	-	-	74	-19.96	57	311	H
	* 2.824	28.53	VA1T	32.7	-20.5	40.73	54	-13.27	-	-	57	311	H
4	* 1.264	42.19	PK2	29.6	-22.3	49.49	-	-	74	-24.51	213	198	V
	* 1.263	29.07	VA1T	29.6	-22.3	36.37	54	-17.63	-	-	213	198	V
2	* 7.273	37.58	PK2	35.7	-26.6	46.68	-	-	74	-27.32	284	147	H
	* 7.275	24.82	VA1T	35.7	-26.7	33.82	54	-20.18	-	-	284	147	H
3	* 11.958	35.22	PK2	39.1	-22.7	51.62	-	-	74	-22.38	166	268	H
	* 11.96	21.97	VA1T	39.1	-22.7	38.37	54	-15.63	-	-	166	268	H
5	* 4.131	38.82	PK2	33.6	-29	43.42	-	-	74	-30.58	262	180	V
	* 4.13	26.15	VA1T	33.6	-28.9	30.85	54	-23.15	-	-	262	180	V
6	* 5.054	38.64	PK2	34.2	-28.2	44.64	-	-	74	-29.36	133	289	V
	* 5.052	25.79	VA1T	34.2	-28.2	31.79	54	-22.21	-	-	133	289	V

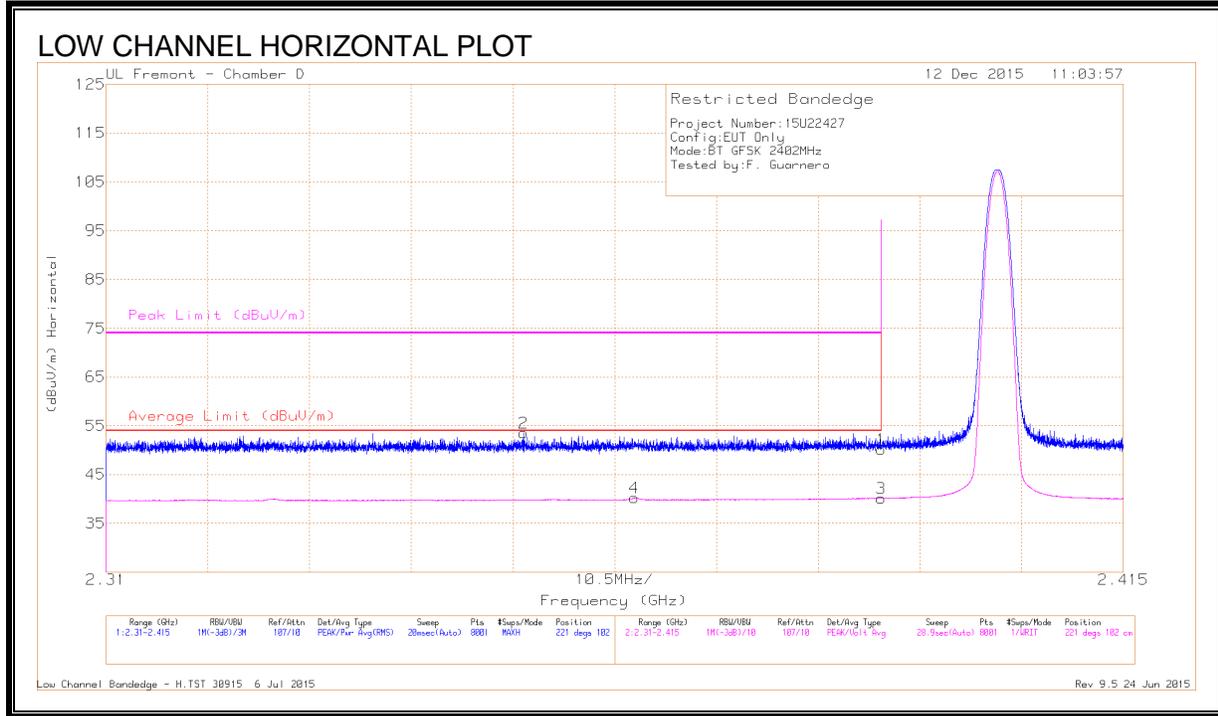
* - indicates frequency in CFR15.205/IC7.2.2 Restricted Band

PK2 - KDB558074 Method: Maximum Peak

VA1T - FHSS: Linear Voltage Average $V_B=1/T_{on}$ where: T_{on} is transmit duration

8.2.7. ANTENNA C, LOW POWER BASIC DATA RATE GFSK MODULATION

RESTRICTED BANDEGE (LOW CHANNEL, HORIZONTAL)



DATA

Trace Markers

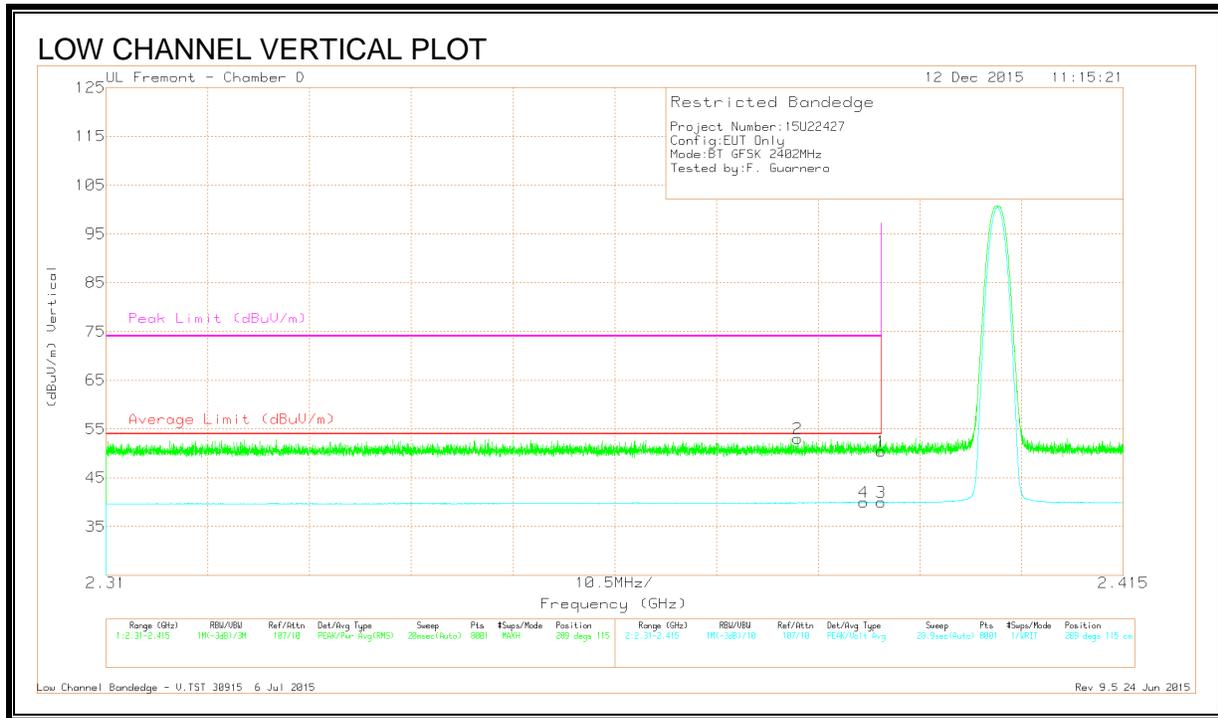
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T344 (dB/m)	Amp/Cb/ Ftr/Pad (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.39	38.79	Pk	32.1	-20.7	50.19	-	-	74	-23.81	221	102	H
2	* 2.353	42.46	Pk	32	-20.9	53.56	-	-	74	-20.44	221	102	H
3	* 2.39	28.71	VA1T	32.1	-20.7	40.11	54	-13.89	-	-	221	102	H
4	* 2.365	29.08	VA1T	32	-20.9	40.18	54	-13.82	-	-	221	102	H

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

Pk - Peak detector

VA1T - FHSS: Linear Voltage Average VB=1/Ton where: Ton is transmit duration

RESTRICTED BANDEDGE (LOW CHANNEL, VERTICAL)



DATA

Trace Markers

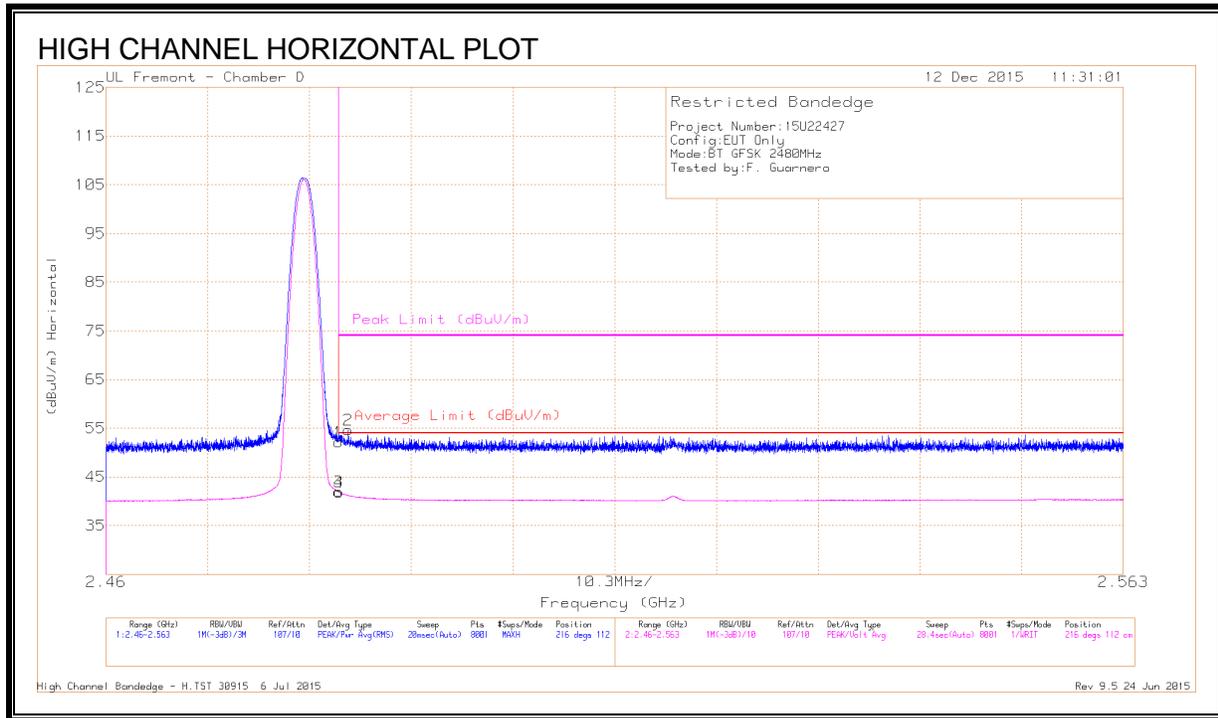
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T344 (dB/m)	Amp/Cbl/Fltr/Pad (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.39	39	Pk	32.1	-20.7	50.4	-	-	74	-23.6	289	115	V
2	* 2.381	41.75	Pk	32.1	-20.8	53.05	-	-	74	-20.95	289	115	V
3	* 2.39	28.53	VA1T	32.1	-20.7	39.93	54	-14.07	-	-	289	115	V
4	* 2.388	28.69	VA1T	32.1	-20.8	39.99	54	-14.01	-	-	289	115	V

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

Pk - Peak detector

VA1T - FHSS: Linear Voltage Average $V_B=1/T_{on}$ where: T_{on} is transmit duration

RESTRICTED BANDEGE (HIGH CHANNEL, HORIZONTAL)



DATA

Trace Markers

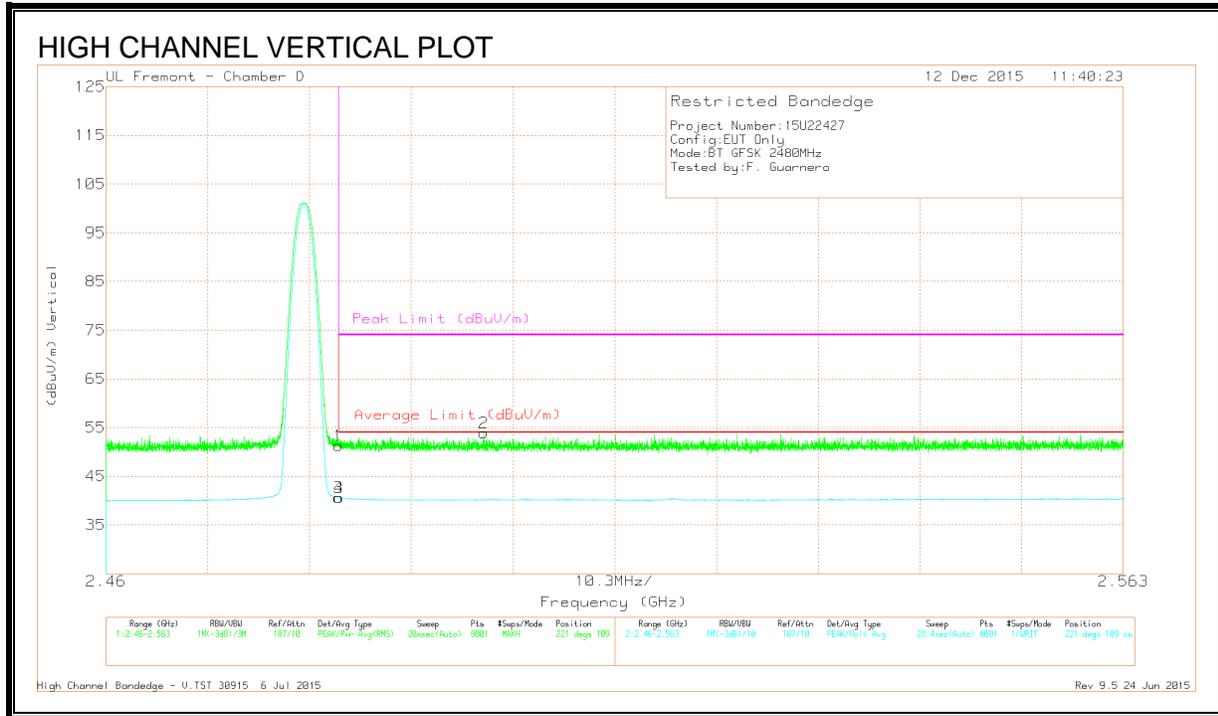
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1	* 2.484	40.74	Pk	32.2	-20.8	52.14	-	-	74	-21.86	216	112	H
2	* 2.485	43.25	Pk	32.2	-20.8	54.65	-	-	74	-19.35	216	112	H
3	* 2.484	30.53	VA1T	32.2	-20.8	41.93	54	-12.07	-	-	216	112	H
4	* 2.484	30.5	VA1T	32.2	-20.8	41.9	54	-12.1	-	-	216	112	H

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

Pk - Peak detector

VA1T - FHSS: Linear Voltage Average $VB=1/Ton$ where: Ton is transmit duration

RESTRICTED BANDEGE (HIGH CHANNEL, VERTICAL)



DATA

Trace Markers

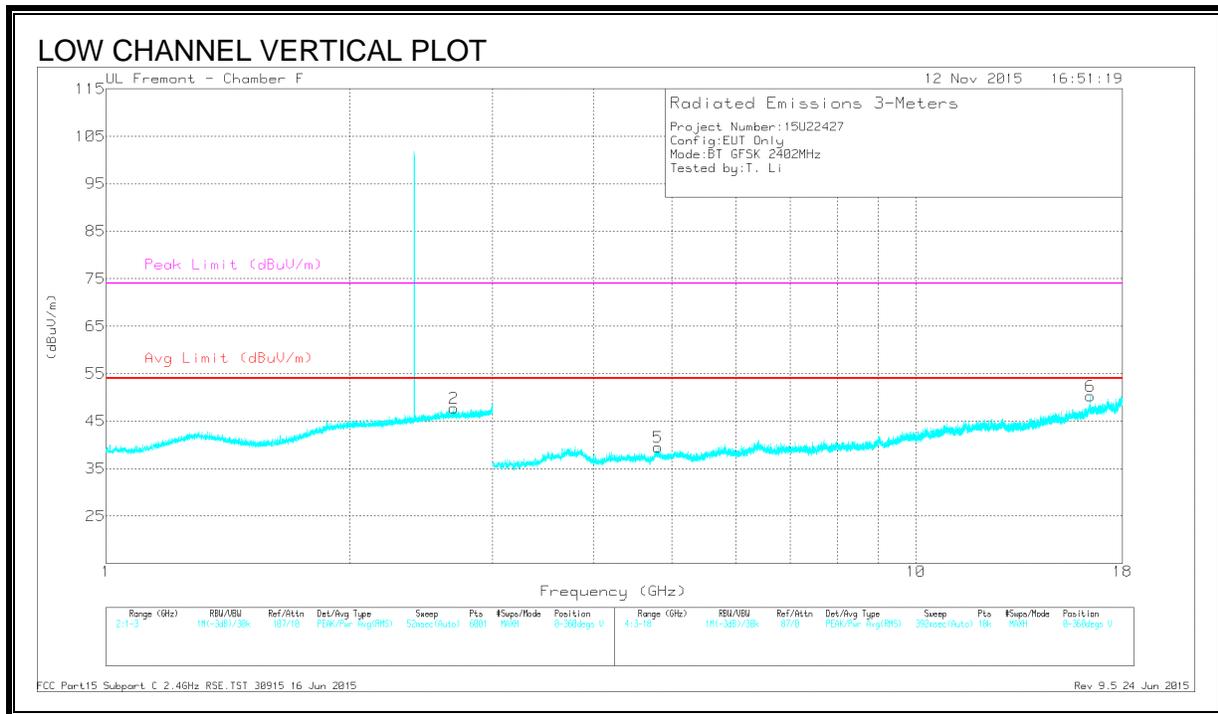
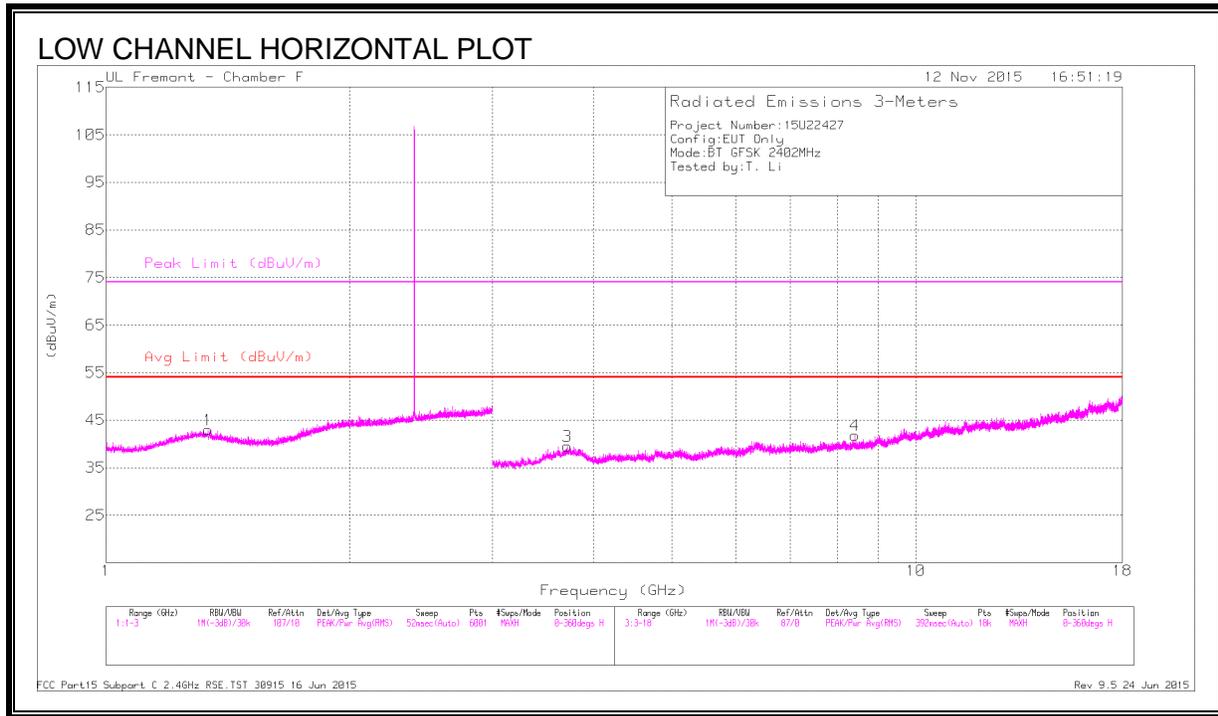
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T344 (dB/m)	Amp/Cb/ Ftr/Pad (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.484	39.87	Pk	32.2	-20.8	51.27	-	-	74	-22.73	221	109	V
2	* 2.498	42.42	Pk	32.2	-20.7	53.92	-	-	74	-20.08	221	109	V
3	* 2.484	29.26	VA1T	32.2	-20.8	40.66	54	-13.34	-	-	221	109	V
4	* 2.484	29.23	VA1T	32.2	-20.8	40.63	54	-13.37	-	-	221	109	V

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

Pk - Peak detector

VA1T - FHSS: Linear Voltage Average $VB=1/Ton$ where: Ton is transmit duration

ANTENNA C, LOW POWER, HARMONICS AND SPURIOUS EMISSIONS



DATA

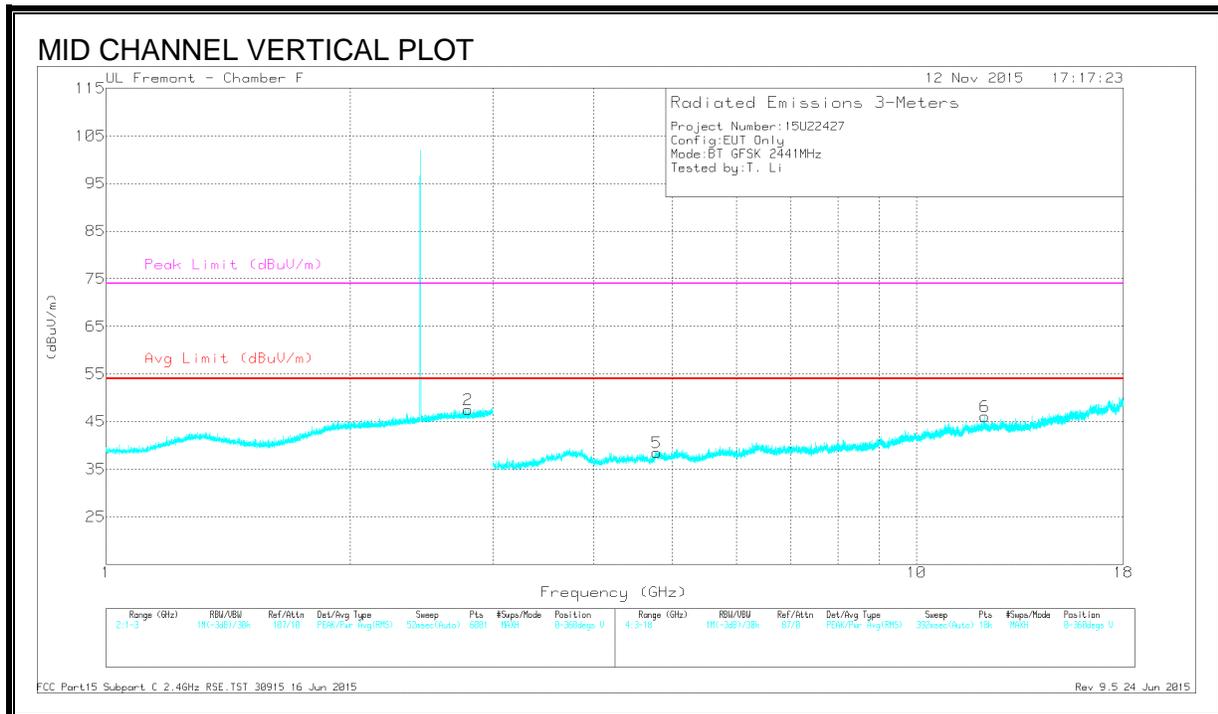
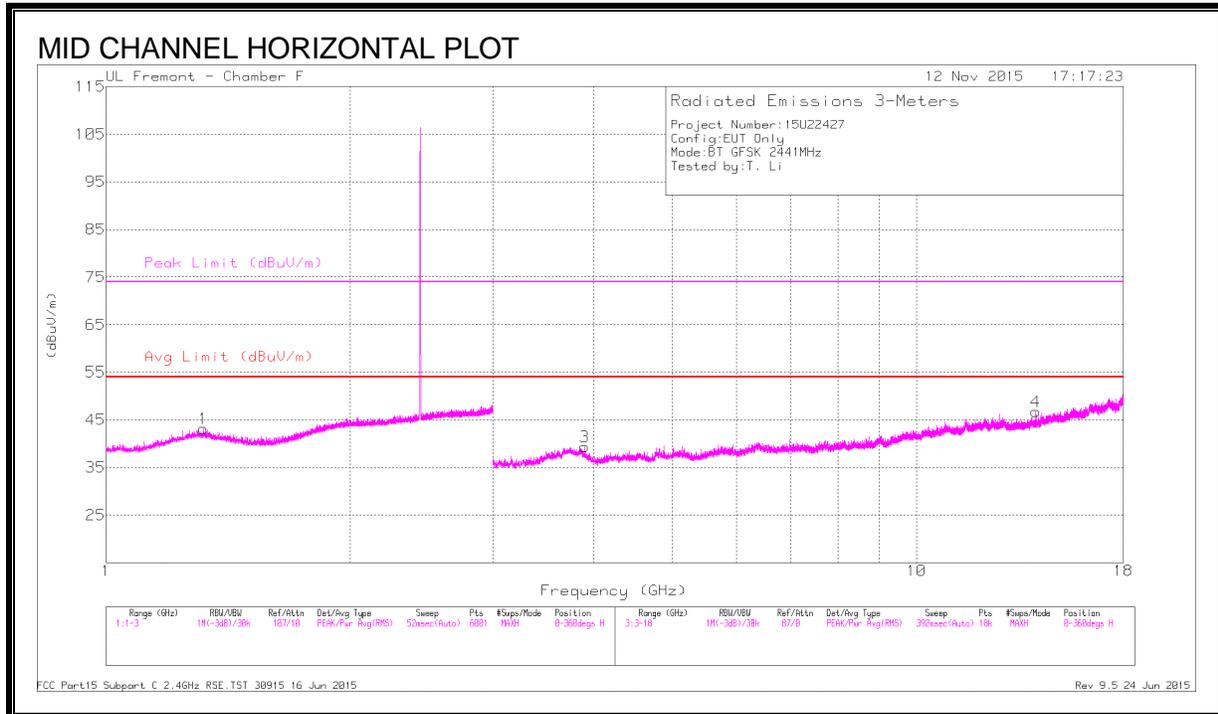
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T120 (dB/m)	Amp/Cbl/Fitr/Pad (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 1.337	41.84	PK2	29.7	-22.2	49.34	-	-	74	-24.66	261	177	H
	* 1.335	28.81	VA1T	29.7	-22.2	36.31	54	-17.69	-	-	261	177	H
2	* 2.688	42.07	PK2	32.7	-20.8	53.97	-	-	74	-20.03	129	360	V
	* 2.69	28.64	VA1T	32.7	-20.8	40.54	54	-13.46	-	-	129	360	V
3	* 3.709	39.15	PK2	34.6	-29.5	44.25	-	-	74	-29.75	179	316	H
	* 3.709	26.4	VA1T	34.6	-29.5	31.5	54	-22.5	-	-	179	316	H
4	* 8.413	35.03	PK2	35.8	-24	46.83	-	-	74	-27.17	141	256	H
	* 8.413	22.44	VA1T	35.8	-24	34.24	54	-19.76	-	-	141	256	H
5	* 4.805	37.79	PK2	34.1	-27.7	44.19	-	-	74	-29.81	203	284	V
	* 4.804	25.51	VA1T	34.1	-27.7	31.91	54	-22.09	-	-	203	284	V
6	16.441	34.74	PK2	41.2	-21.3	54.64	-	-	-	-	125	140	V
	16.441	22.09	VA1T	41.2	-21.3	41.99	-	-	-	-	125	140	V

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

PK2 - KDB558074 Method: Maximum Peak

VA1T - FHSS: Linear Voltage Average $V_B=1/T_{on}$ where: T_{on} is transmit duration

HARMONICS AND SPURIOUS EMISSIONS



DATA

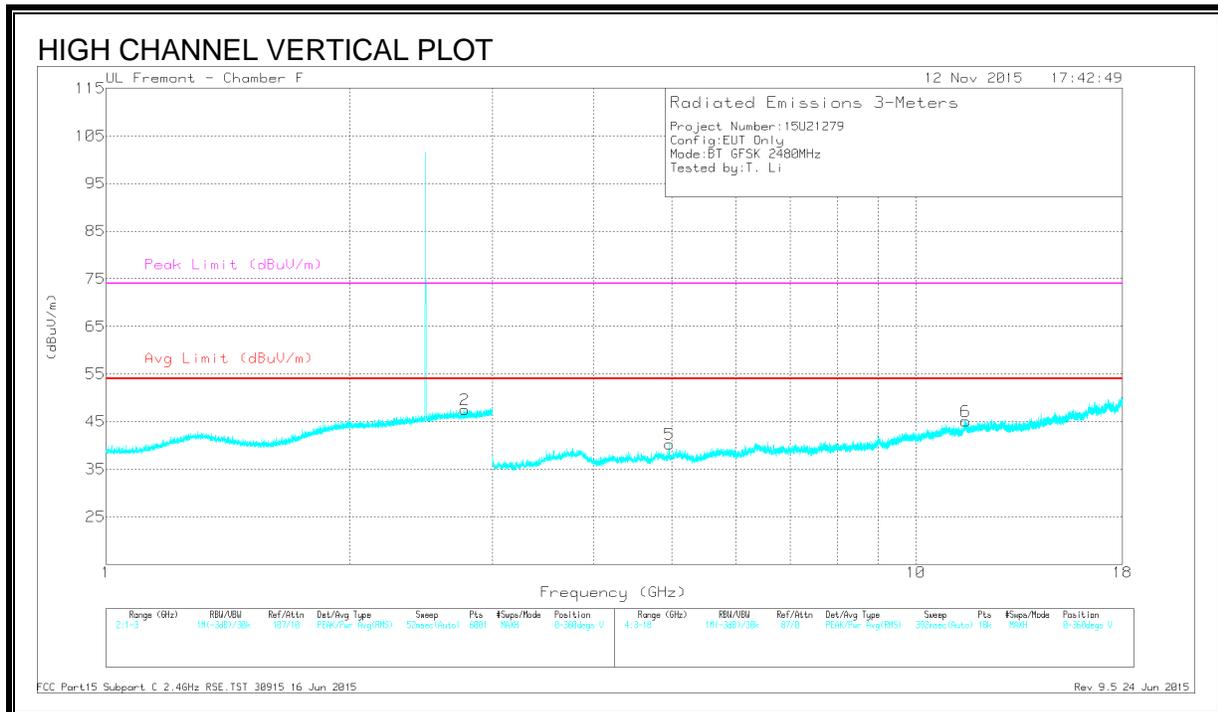
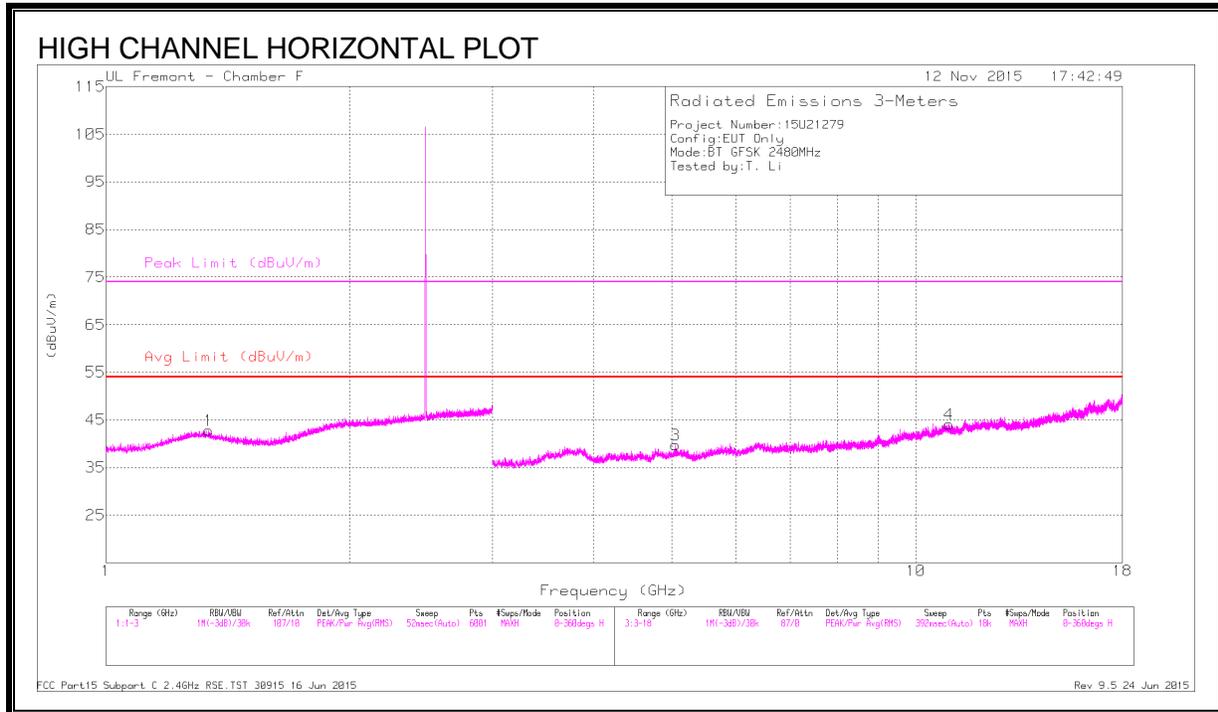
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T120 (dB/m)	Amp/Cbl/ Fitr/Pad (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 1.32	42.78	PK2	29.9	-22.2	50.48	-	-	74	-23.52	126	358	H
	* 1.321	28.81	VA1T	29.9	-22.2	36.51	54	-17.49	-	-	126	358	H
2	* 2.798	41.81	PK2	32.7	-20.6	53.91	-	-	74	-20.09	71	204	V
	* 2.798	28.51	VA1T	32.7	-20.6	40.61	54	-13.39	-	-	71	204	V
3	* 3.899	39.11	PK2	33.8	-28.9	44.01	-	-	74	-29.99	228	305	H
	* 3.901	26.06	VA1T	33.8	-28.9	30.96	54	-23.04	-	-	228	305	H
4	14.042	35.93	PK2	39.2	-23.8	51.33	-	-	-	-	263	269	H
	14.043	23.68	VA1T	39.2	-23.8	39.08	-	-	-	-	263	269	H
5	* 4.778	39.55	PK2	34.1	-28.1	45.55	-	-	74	-28.45	324	360	V
	* 4.777	26.2	VA1T	34.1	-28	32.3	54	-21.7	-	-	324	360	V
6	* 12.149	33.94	PK2	39.1	-21.8	51.24	-	-	74	-22.76	193	221	V
	* 12.147	21.6	VA1T	39.1	-21.8	38.9	54	-15.1	-	-	193	221	V

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

PK2 - KDB558074 Method: Maximum Peak

VA1T - FHSS: Linear Voltage Average VB=1/Ton where: Ton is transmit duration

HARMONICS AND SPURIOUS EMISSIONS



DATA

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T120 (dB/m)	Amp/Cb/ 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	* 1.339	42.65	PK2	29.7	-22.2	50.15	-	-	74	-23.85	179	338	H
	* 1.339	28.8	VA1T	29.7	-22.2	36.3	54	-17.7	-	-	179	338	H
2	* 2.775	42.11	PK2	32.7	-20.7	54.11	-	-	74	-19.89	168	183	V
	* 2.774	28.58	VA1T	32.7	-20.7	40.58	54	-13.42	-	-	168	183	V
3	* 5.052	38.62	PK2	34.2	-28.2	44.62	-	-	74	-29.38	325	342	H
	* 5.049	25.83	VA1T	34.2	-28.3	31.73	54	-22.27	-	-	325	342	H
4	* 10.986	34.25	PK2	38.1	-21.7	50.65	-	-	74	-23.35	228	259	H
	* 10.988	21.32	VA1T	38.1	-21.7	37.72	54	-16.28	-	-	228	259	H
5	* 4.96	40.49	PK2	34.1	-28.7	45.89	-	-	74	-28.11	157	158	V
	* 4.96	29.92	VA1T	34.1	-28.7	35.32	54	-18.68	-	-	157	158	V
6	* 11.527	34.02	PK2	38.6	-21.2	51.42	-	-	74	-22.58	254	343	V
	* 11.524	21.28	VA1T	38.6	-21.2	38.68	54	-15.32	-	-	254	343	V

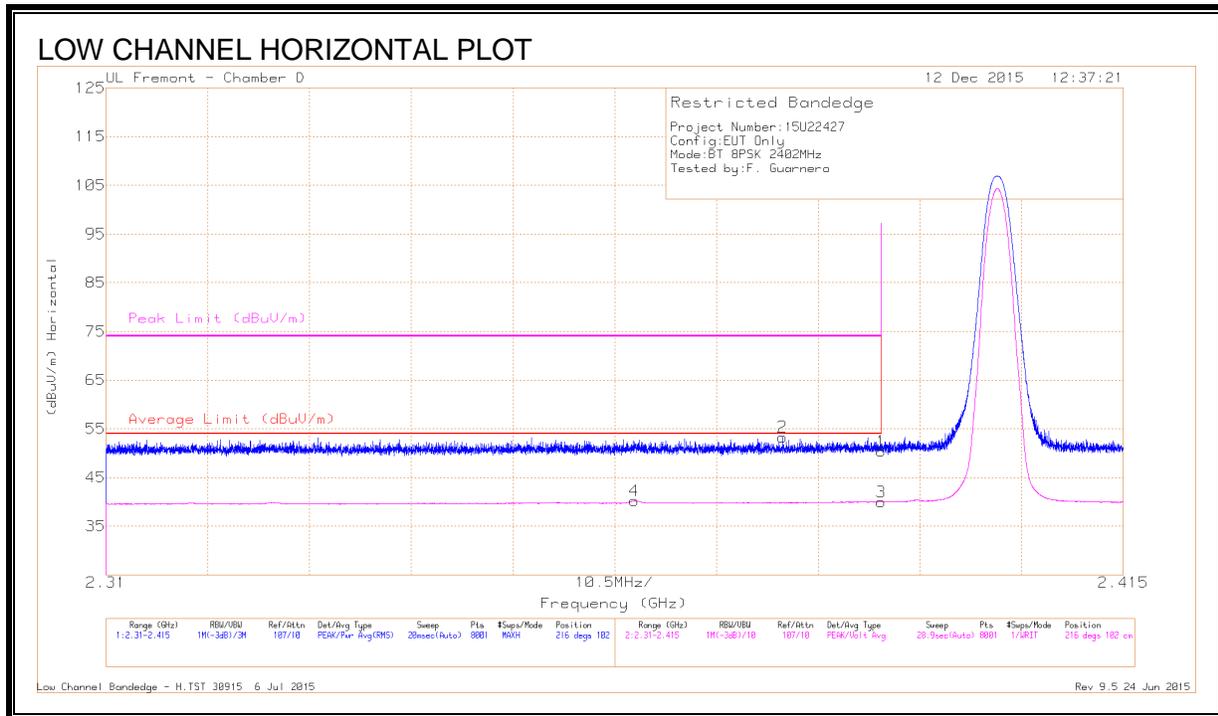
* - indicates frequency in CFR15.205/IC7.2.2 Restricted Band

PK2 - KDB558074 Method: Maximum Peak

VA1T - FHSS: Linear Voltage Average $V_B=1/T_{on}$ where: T_{on} is transmit duration

8.2.8. ANTENNA C, LOW POWER ENHANCED DATA RATE 8PSK MODULATION

RESTRICTED BANDEDGE (LOW CHANNEL, HORIZONTAL)



DATA

Trace Markers

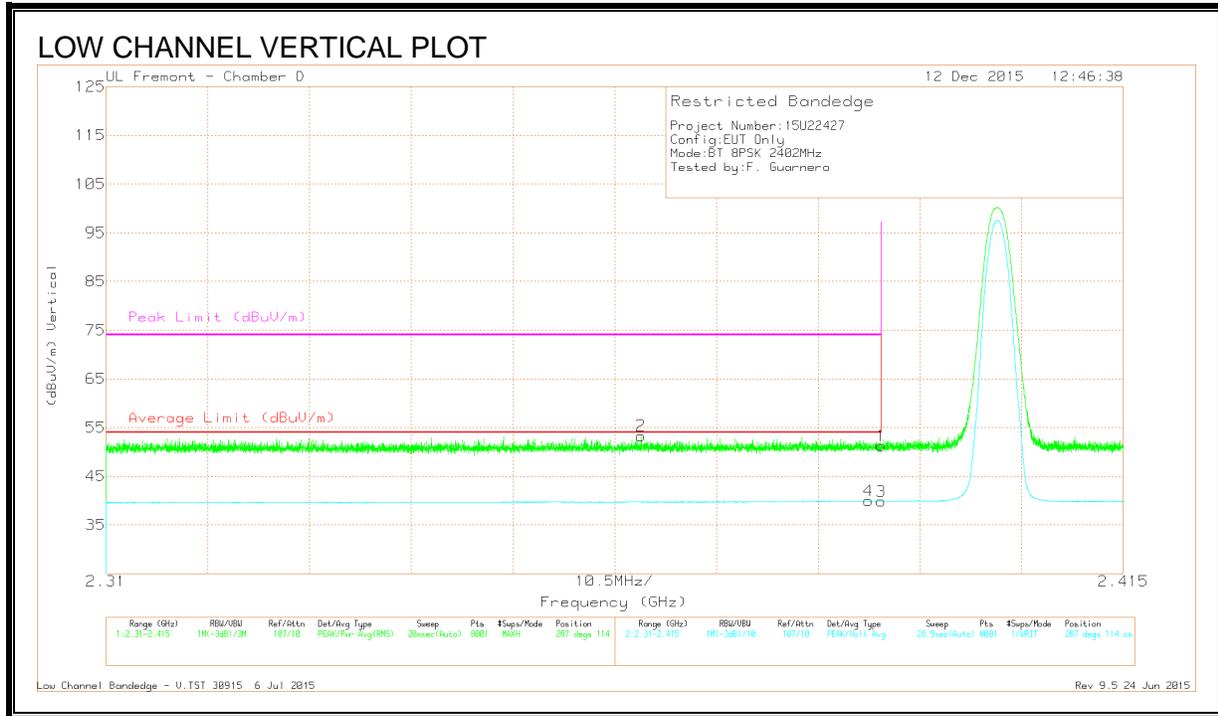
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T344 (dB/m)	Amp/Cbl/Filtr/Pad (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.39	39.06	Pk	32.1	-20.7	50.46	-	-	74	-23.54	216	102	H
2	* 2.38	42.03	Pk	32.1	-20.8	53.33	-	-	74	-20.67	216	102	H
3	* 2.39	28.57	VA1T	32.1	-20.7	39.97	54	-14.03	-	-	216	102	H
4	* 2.365	29.13	VA1T	32	-20.9	40.23	54	-13.77	-	-	216	102	H

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

Pk - Peak detector

VA1T - FHSS: Linear Voltage Average $V_B=1/T_{on}$ where: T_{on} is transmit duration

RESTRICTED BANDEGE (LOW CHANNEL, VERTICAL)



DATA

Trace Markers

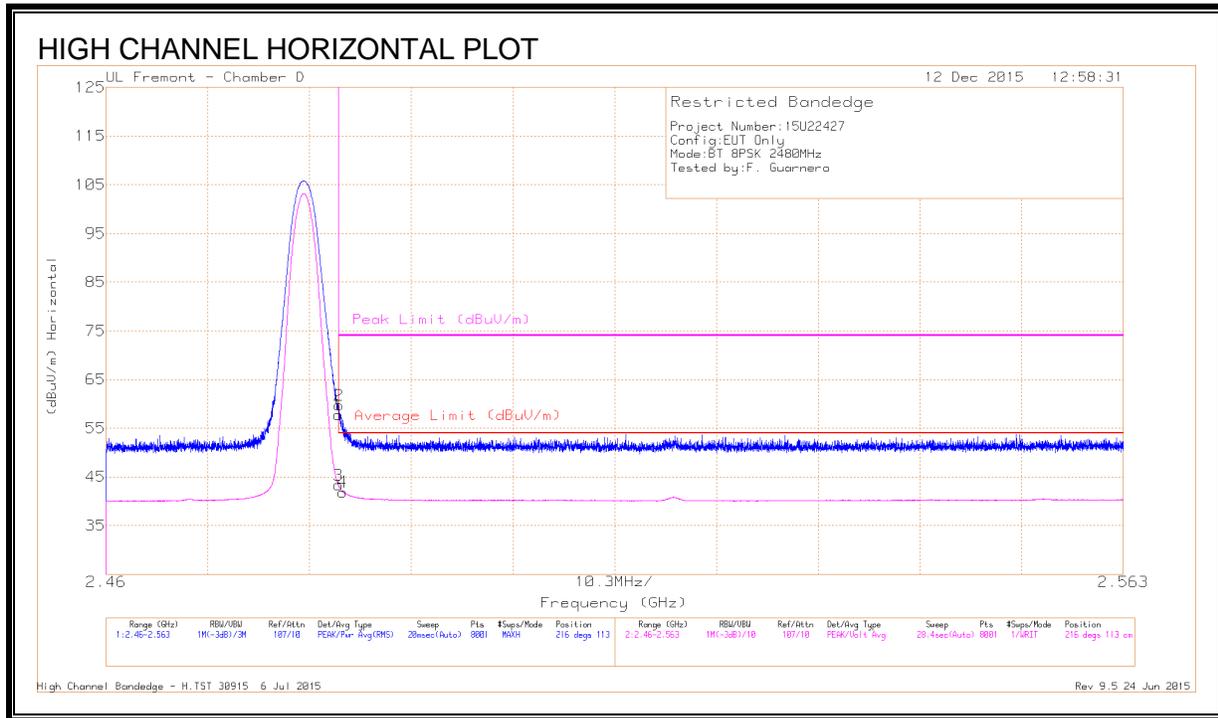
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T344 (dB/m)	Amp/Cbl/ Fitr/Pad (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.39	39.84	Pk	32.1	-20.7	51.24	-	-	74	-22.76	287	114	V
2	* 2.365	42.23	Pk	32	-20.9	53.33	-	-	74	-20.67	287	114	V
3	* 2.39	28.43	VA1T	32.1	-20.7	39.83	54	-14.17	-	-	287	114	V
4	* 2.389	28.53	VA1T	32.1	-20.7	39.93	54	-14.07	-	-	287	114	V

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

Pk - Peak detector

VA1T - FHSS: Linear Voltage Average $V_B=1/T_{on}$ where: T_{on} is transmit duration

RESTRICTED BANDEGE (HIGH CHANNEL, HORIZONTAL)



DATA

Trace Markers

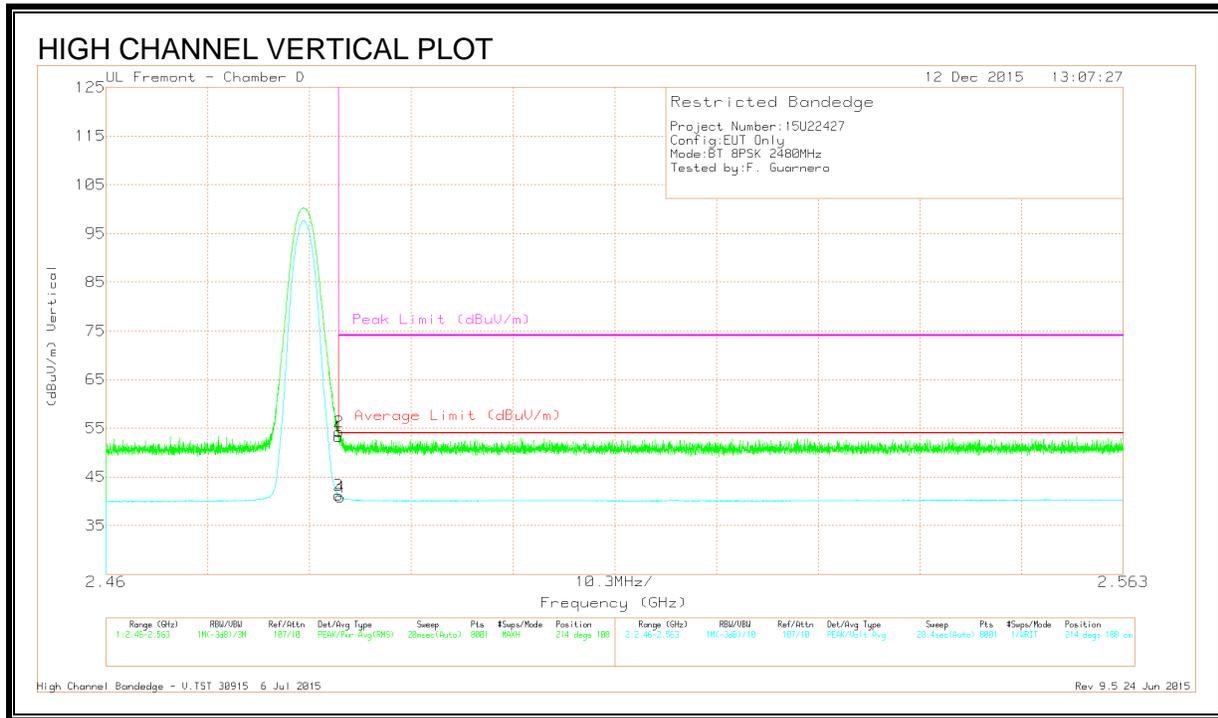
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T344 (dB/m)	Amp/Cb/ Ftr/Pad (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.484	46.38	Pk	32.2	-20.8	57.78	-	-	74	-16.22	216	113	H
2	* 2.484	48.28	Pk	32.2	-20.8	59.68	-	-	74	-14.32	216	113	H
3	* 2.484	31.9	VA1T	32.2	-20.8	43.3	54	-10.7	-	-	216	113	H
4	* 2.484	30.51	VA1T	32.2	-20.8	41.91	54	-12.09	-	-	216	113	H

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

Pk - Peak detector

VA1T - FHSS: Linear Voltage Average VB=1/Ton where: Ton is transmit duration

RESTRICTED BANDEDGE (HIGH CHANNEL, VERTICAL)



DATA

Trace Markers

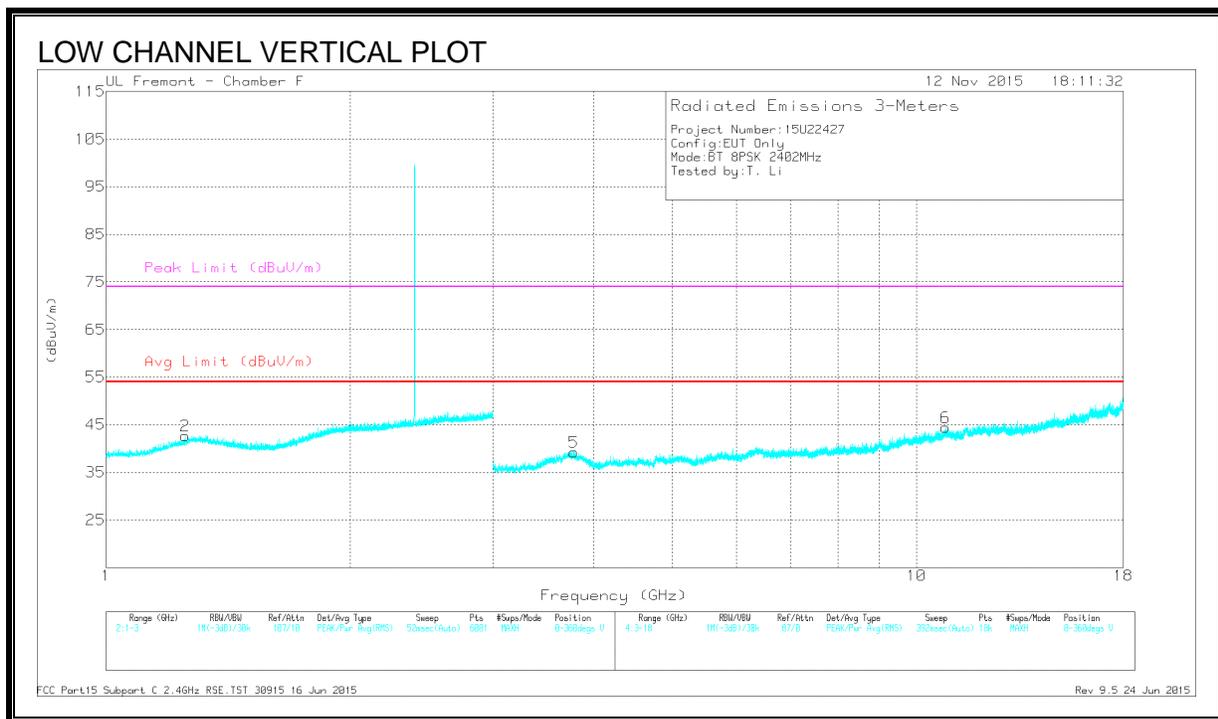
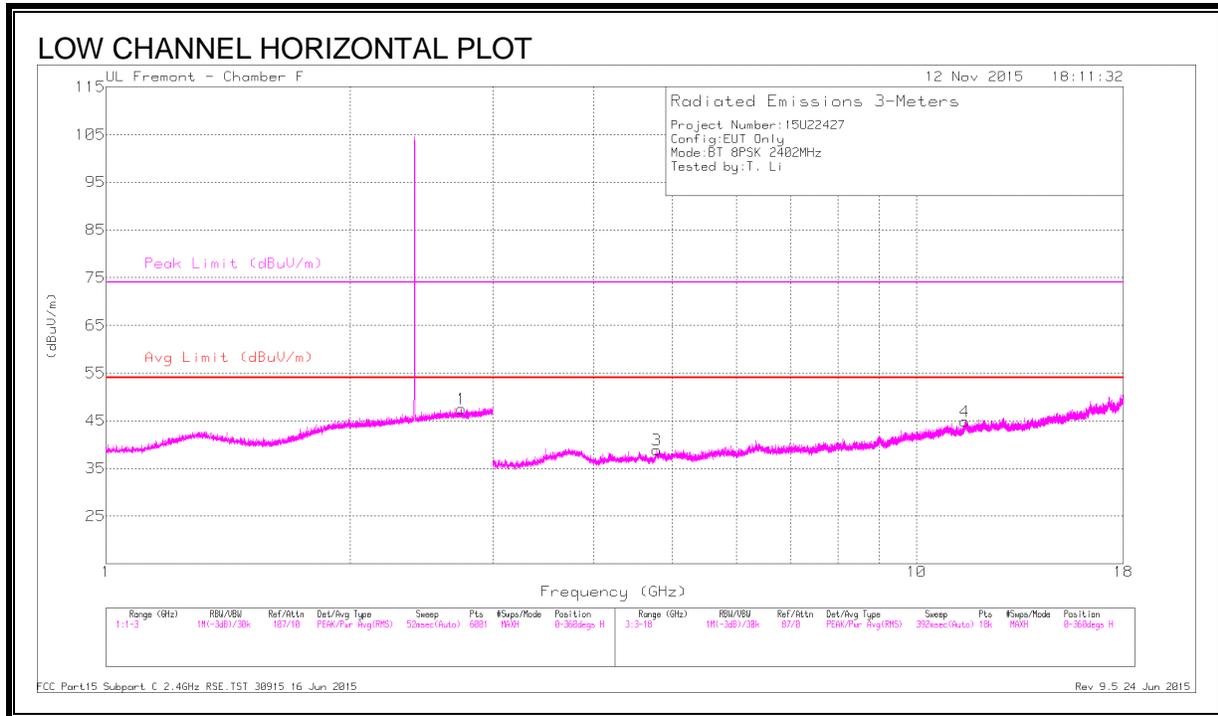
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T344 (dB/m)	Amp/Cbl/ Fitr/Pad (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.484	41.82	Pk	32.2	-20.8	53.22	-	-	74	-20.78	214	108	V
2	* 2.484	42.84	Pk	32.2	-20.8	54.24	-	-	74	-19.76	214	108	V
3	* 2.484	29.78	VA1T	32.2	-20.8	41.18	54	-12.82	-	-	214	108	V
4	* 2.484	29.45	VA1T	32.2	-20.8	40.85	54	-13.15	-	-	214	108	V

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

Pk - Peak detector

VA1T - FHSS: Linear Voltage Average VB=1/Ton where: Ton is transmit duration

ANTENNA C, LOW POWER HARMONICS AND SPURIOUS EMISSIONS



DATA

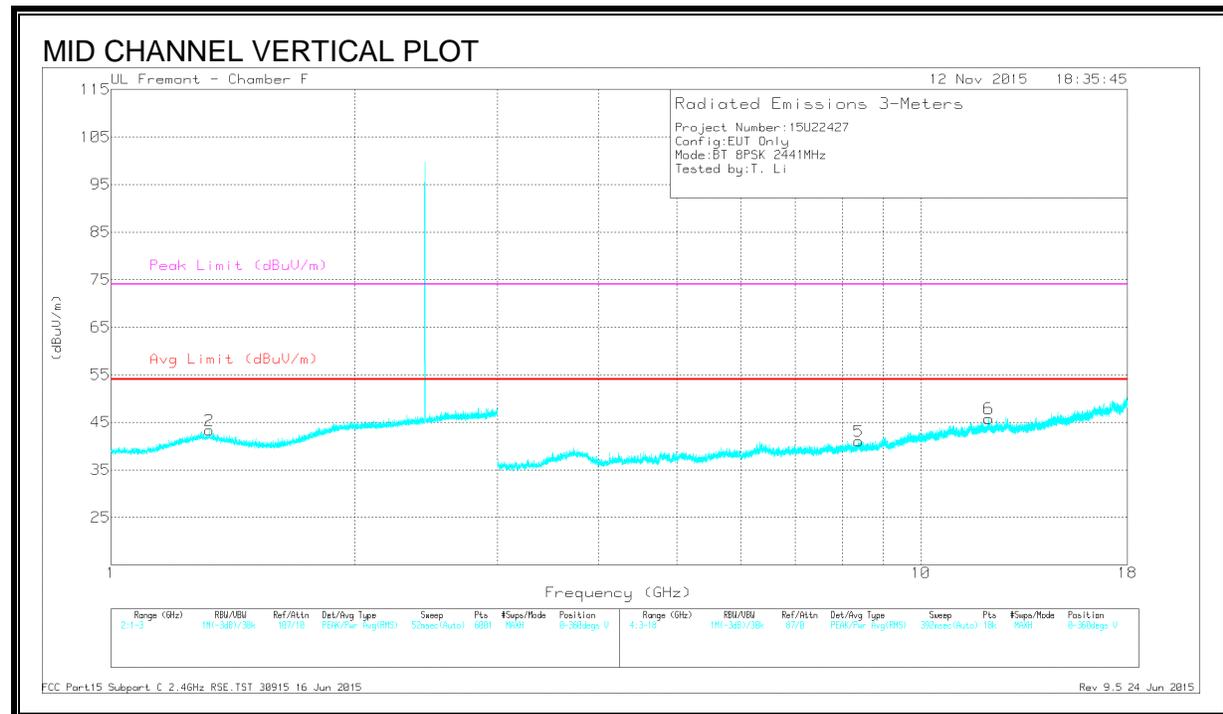
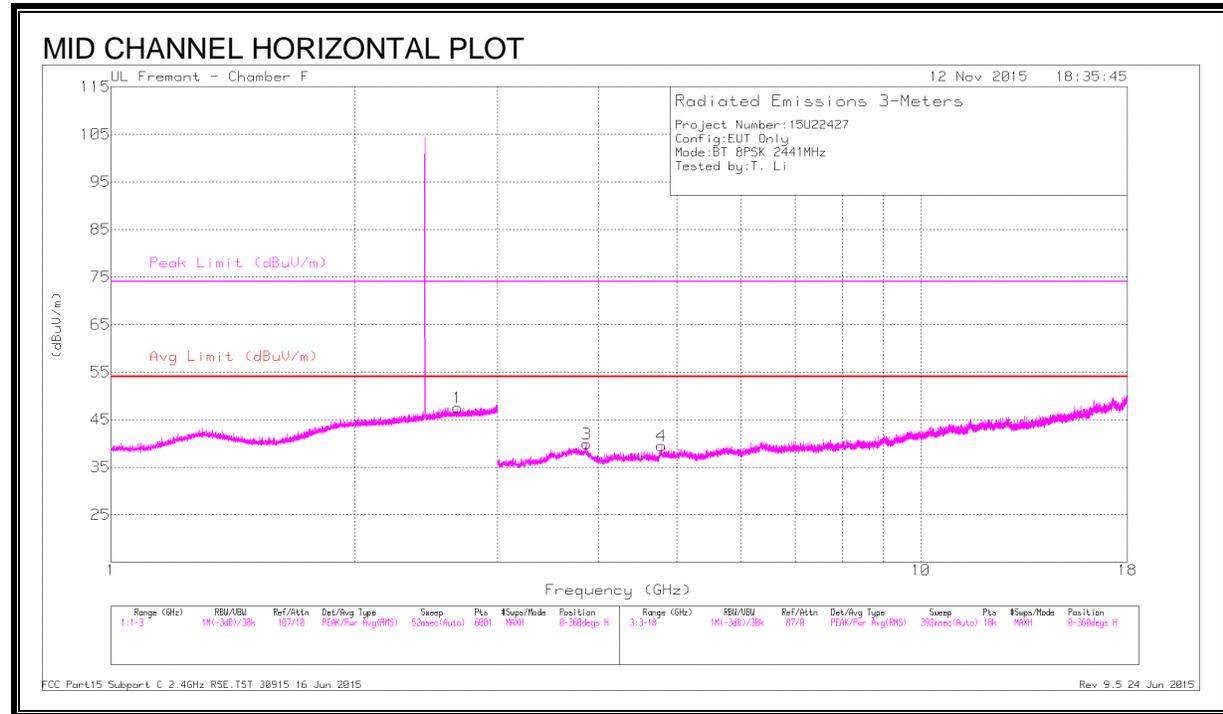
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T120 (dB/m)	Amp/Cbl/ Fitr/Pad (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.744	42.67	PK2	32.7	-20.7	54.67	-	-	74	-19.33	359	209	H
	* 2.744	28.61	VA1T	32.7	-20.8	40.51	54	-13.49	-	-	359	209	H
2	* 1.251	42.52	PK2	29.4	-22.4	49.52	-	-	74	-24.48	211	246	V
	* 1.253	28.94	VA1T	29.5	-22.4	36.04	54	-17.96	-	-	211	246	V
3	* 4.776	39.51	PK2	34.1	-28.1	45.51	-	-	74	-28.49	223	149	H
	* 4.777	26.15	VA1T	34.1	-28	32.25	54	-21.75	-	-	223	149	H
4	* 11.48	34.65	PK2	38.5	-21.6	51.55	-	-	74	-22.45	64	326	H
	* 11.48	21.29	VA1T	38.5	-21.6	38.19	54	-15.81	-	-	64	326	H
5	* 3.777	39.2	PK2	34.3	-29	44.5	-	-	74	-29.5	319	204	V
	* 3.776	25.93	VA1T	34.3	-29	31.23	54	-22.77	-	-	319	204	V
6	* 10.873	34.11	PK2	38.1	-21.7	50.51	-	-	74	-23.49	116	285	V
	* 10.87	21.22	VA1T	38.1	-21.7	37.62	54	-16.38	-	-	116	285	V

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

PK2 - KDB558074 Method: Maximum Peak

VA1T - FHSS: Linear Voltage Average VB=1/Ton where: Ton is transmit duration

HARMONICS AND SPURIOUS EMISSIONS



DATA

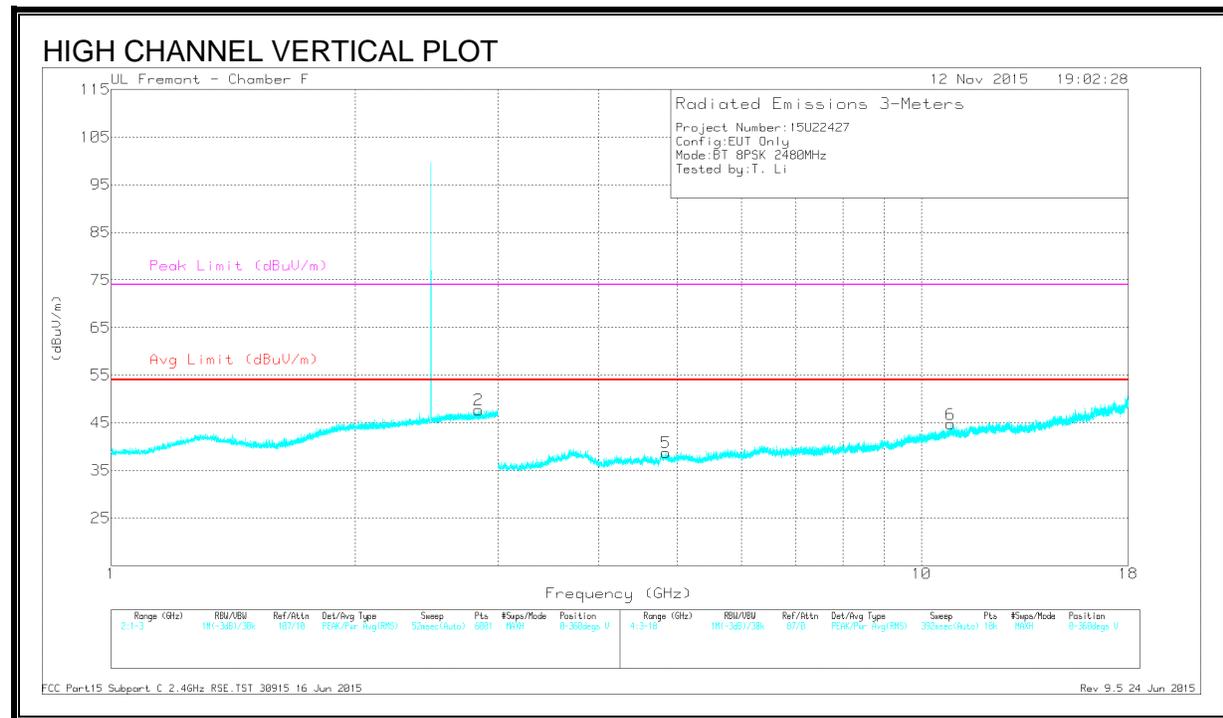
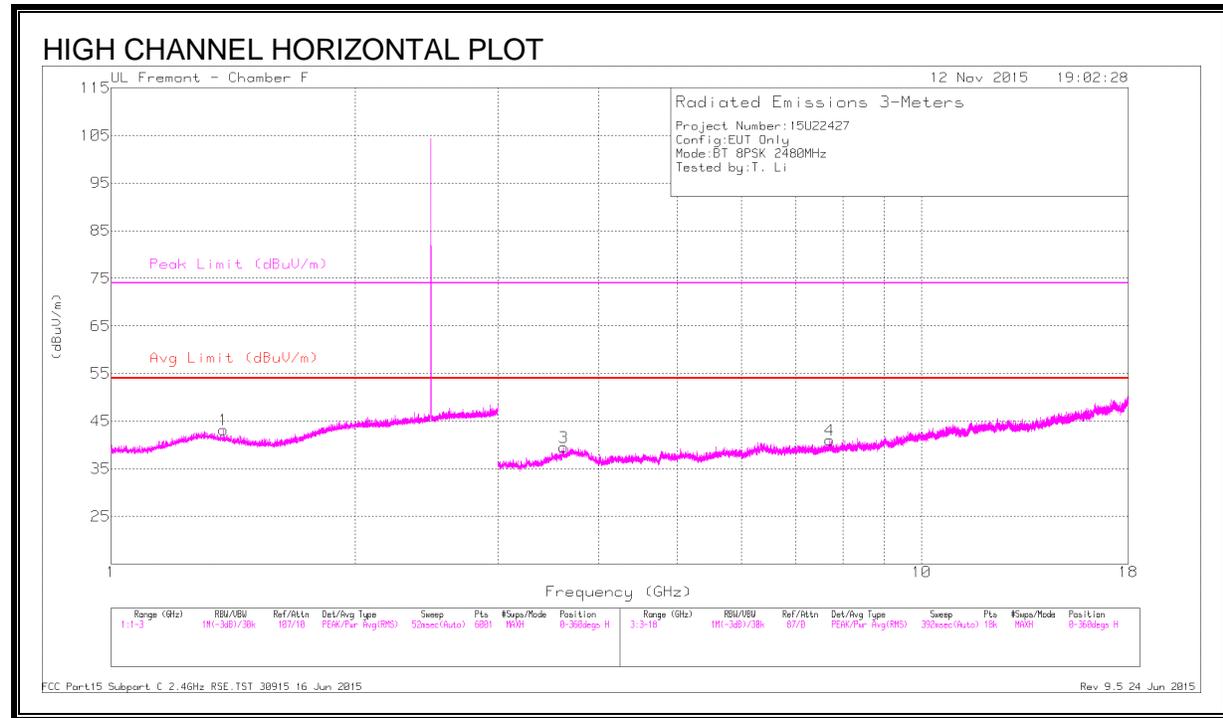
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T120 (dB/m)	Amp/Cb/ Fitr/Pad (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.68	42.35	PK2	32.7	-20.8	54.25	-	-	74	-19.75	253	329	H
	* 2.679	28.64	VA1T	32.7	-20.8	40.54	54	-13.46	-	-	253	329	H
2	* 1.323	42.56	PK2	29.8	-22.2	50.16	-	-	74	-23.84	268	166	V
	* 1.323	28.8	VA1T	29.8	-22.2	36.4	54	-17.6	-	-	268	166	V
3	* 3.868	39.58	PK2	33.9	-28.4	45.08	-	-	74	-28.92	325	355	H
	* 3.868	25.97	VA1T	33.9	-28.4	31.47	54	-22.53	-	-	325	355	H
4	* 4.786	39.29	PK2	34.1	-28	45.39	-	-	74	-28.61	173	206	H
	* 4.786	25.95	VA1T	34.1	-28	32.05	54	-21.95	-	-	173	206	H
5	* 8.386	35.95	PK2	35.8	-24.3	47.45	-	-	74	-26.55	77	306	V
	* 8.387	22.8	VA1T	35.8	-24.3	34.3	54	-19.7	-	-	77	306	V
6	* 12.134	35	PK2	39.1	-22	52.1	-	-	74	-21.9	154	325	V
	* 12.134	21.61	VA1T	39.1	-22	38.71	54	-15.29	-	-	154	325	V

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

PK2 - KDB558074 Method: Maximum Peak

VA1T - FHSS: Linear Voltage Average $V_B=1/T_{on}$ where: T_{on} is transmit duration

HARMONICS AND SPURIOUS EMISSIONS



DATA

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T120 (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	* 1.373	42.46	PK2	29.3	-22.1	49.66	-	-	74	-24.34	152	324	H
	* 1.377	28.75	VA1T	29.3	-22.1	35.95	54	-18.05	-	-	152	324	H
2	* 2.842	41.68	PK2	32.7	-20.4	53.98	-	-	74	-20.02	109	146	V
	* 2.844	28.44	VA1T	32.7	-20.4	40.74	54	-13.26	-	-	109	146	V
3	* 3.62	39.02	PK2	35	-29.3	44.72	-	-	74	-29.28	269	239	H
	* 3.62	25.77	VA1T	35	-29.3	31.47	54	-22.53	-	-	269	239	H
4	* 7.706	36.26	PK2	35.7	-25.4	46.56	-	-	74	-27.44	136	351	H
	* 7.704	23.75	VA1T	35.7	-25.5	33.95	54	-20.05	-	-	136	351	H
5	* 4.835	37.53	PK2	34.1	-27.2	44.43	-	-	74	-29.57	323	340	V
	* 4.834	24.44	VA1T	34.1	-27.2	31.34	54	-22.66	-	-	323	340	V
6	* 10.869	35.06	PK2	38.1	-21.7	51.46	-	-	74	-22.54	191	158	V
	* 10.868	21.22	VA1T	38.1	-21.7	37.62	54	-16.38	-	-	191	158	V

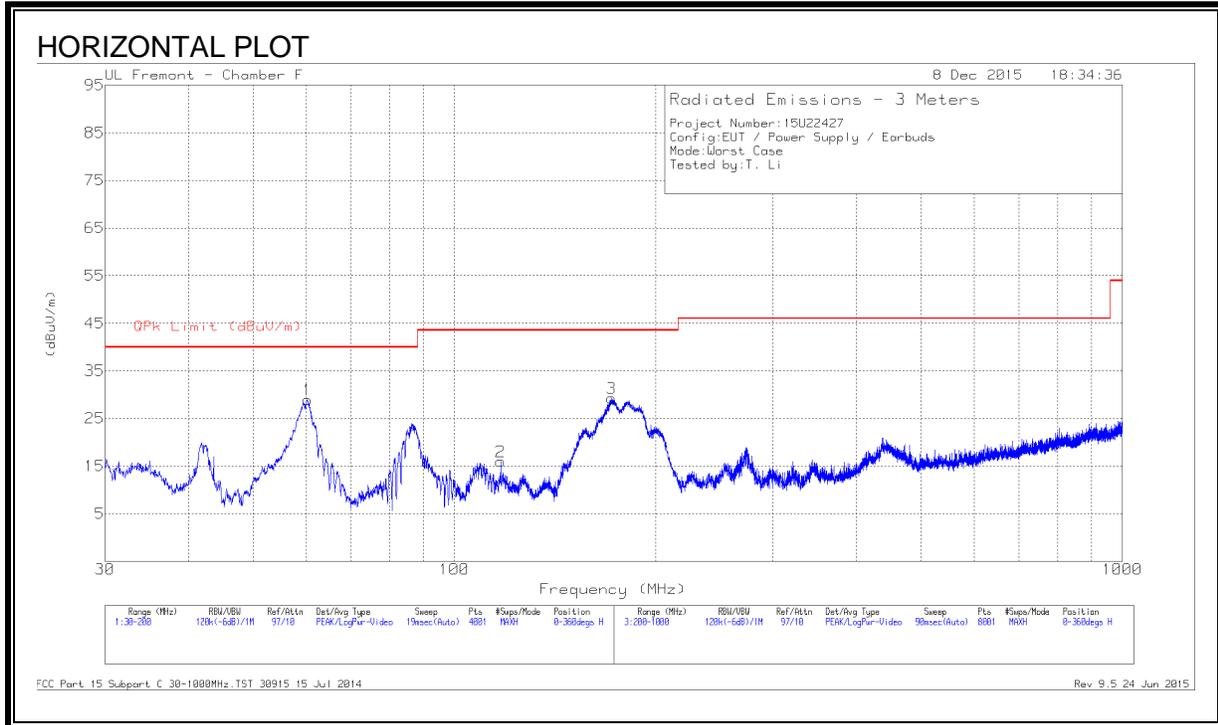
* - indicates frequency in CFR15.205/IC7.2.2 Restricted Band

PK2 - KDB558074 Method: Maximum Peak

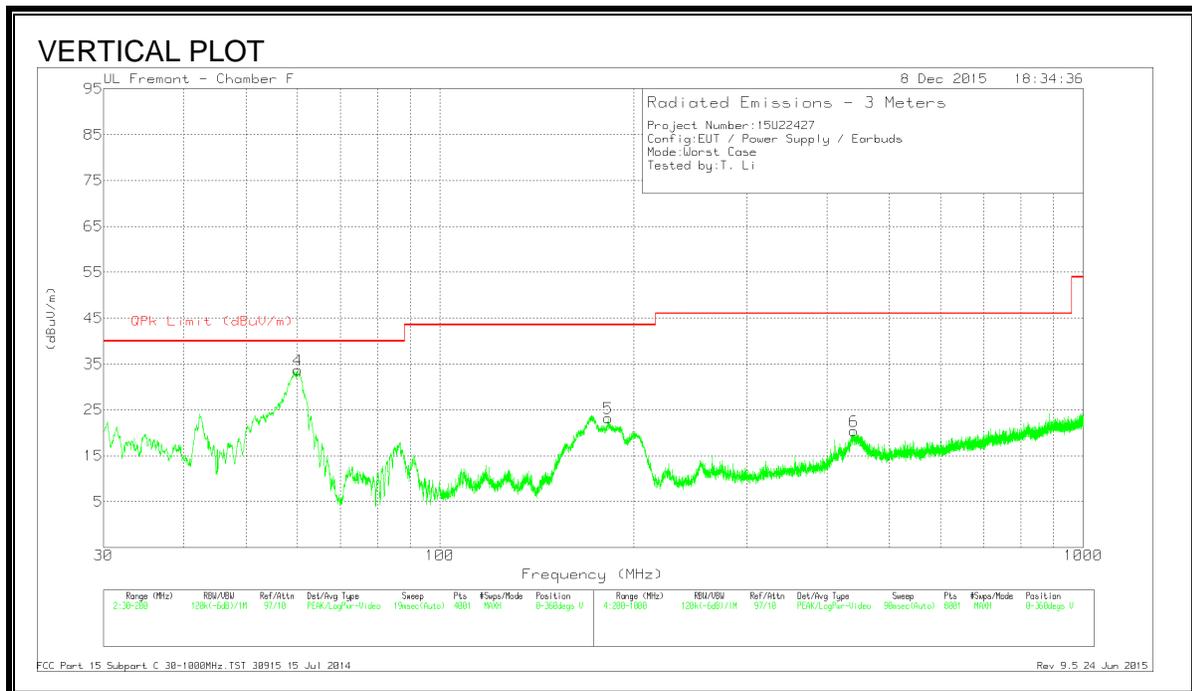
VA1T - FHSS: Linear Voltage Average $V_B=1/T_{on}$ where: T_{on} is transmit duration

8.3. WORST-CASE BELOW 1 GHz

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



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



DATA

Trace Markers

Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	AF T122 (dB/m)	Amp/Cbl (dB)	Corrected Reading (dBuV/m)	QPk Limit (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	60.26	52.97	Pk	7.5	-31.6	28.87	40	-11.13	0-360	301	H
2	* 117.295	33.47	Pk	13.6	-31.1	15.97	43.52	-27.55	0-360	301	H
3	* 171.865	48.33	Pk	11.7	-30.7	29.33	43.52	-14.19	0-360	201	H
4	60.175	57.86	Pk	7.5	-31.6	33.76	40	-6.24	0-360	100	V
5	182.7025	42.75	Pk	11.2	-30.7	23.25	43.52	-20.27	0-360	100	V
6	439.7	32.96	Pk	16.9	-29.5	20.36	46.02	-25.66	0-360	100	V

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

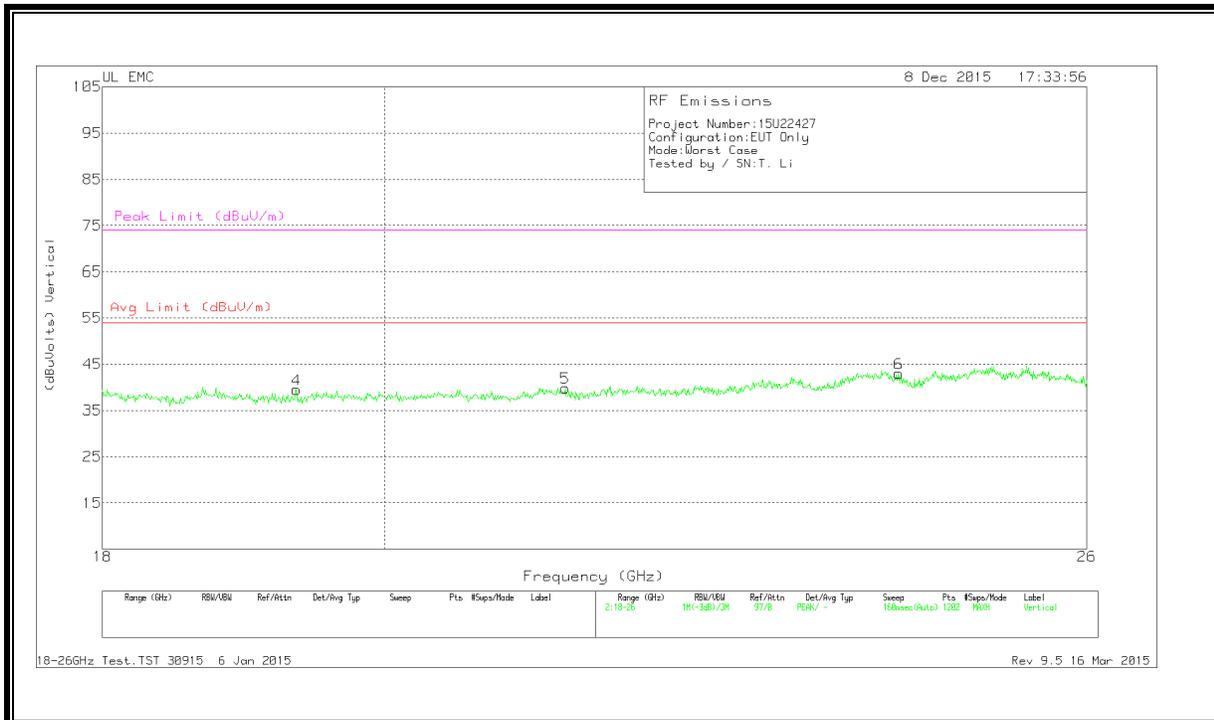
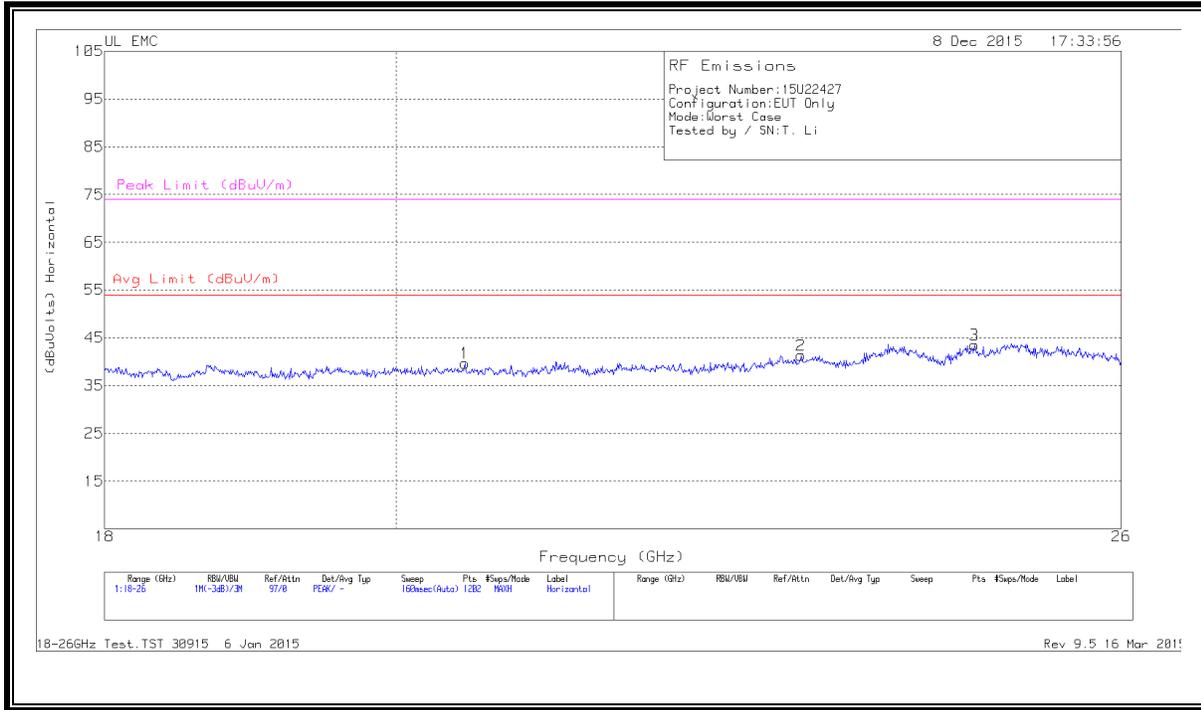
Pk - Peak detector

FCC Part 15 Subpart C 30-1000MHz.TST 30915 15 Jul 2014

Rev 9.5 24 Jun 2015

8.4. WORST-CASE ABOVE 18 GHz

SPURIOUS EMISSIONS 18 TO 26 GHz (WORST-CASE CONFIGURATION, HORIZONTAL & VERTICAL)



DATA

Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	T89 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	20.505	41.57	Pk	32.7	-25.1	-9.5	39.67	54	-14.33	74	-34.33
2	23.156	42.23	Pk	33.5	-24.9	-9.5	41.33	54	-12.67	74	-32.67
3	24.654	43.6	Pk	33.9	-24.5	-9.5	43.5	54	-10.5	74	-30.5
4	19.352	41.4	Pk	32.4	-24.8	-9.5	39.5	54	-14.5	74	-34.5
5	21.397	41.93	Pk	33.1	-25.7	-9.5	39.83	54	-14.17	74	-34.17
6	24.235	43.2	Pk	33.5	-24.2	-9.5	43	54	-11	74	-31

Pk - Peak detector

18-26GHz Test.TST 30915 6 Jan 2015

Rev 9.5 16 Mar 2015

9. 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 C63.10-2013.

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

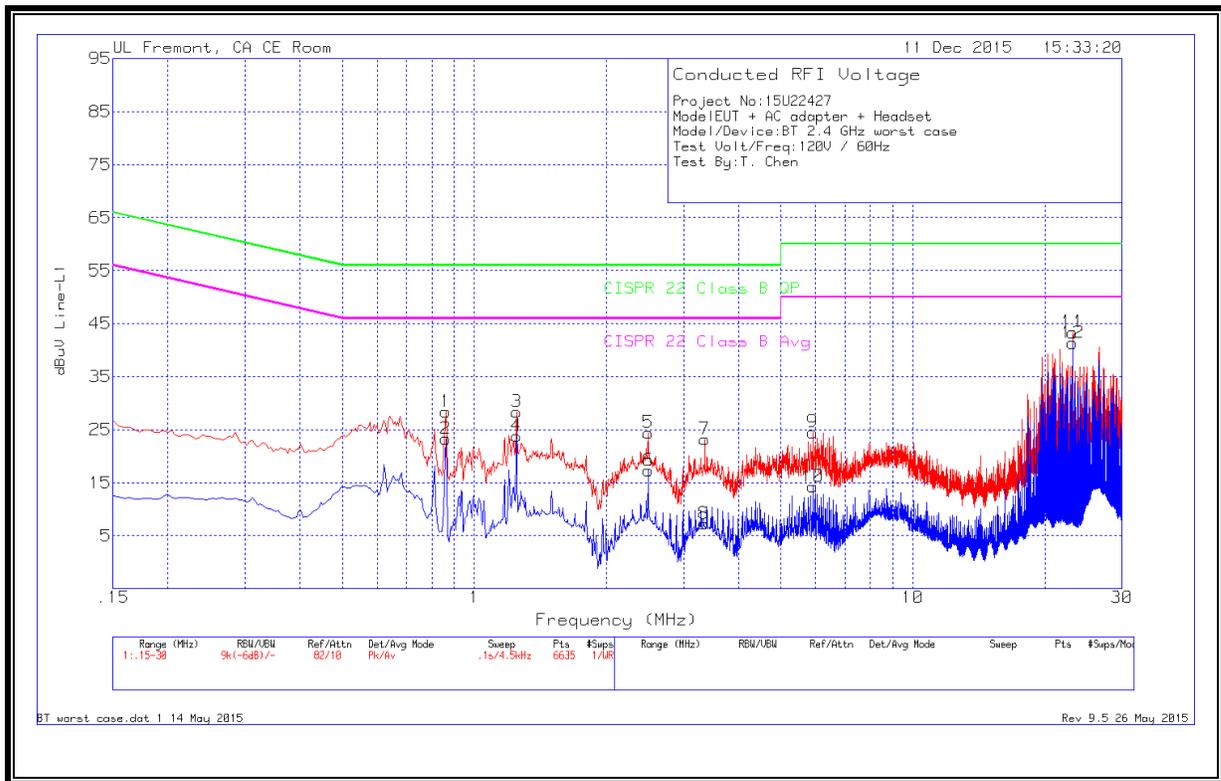
Line conducted data is recorded for both NEUTRAL and HOT lines.

RESULTS

WORST EMISSIONS

9.1. EUT POWERED BY AC/DC ADAPTER VIA USB CABLE

LINE 1 RESULTS

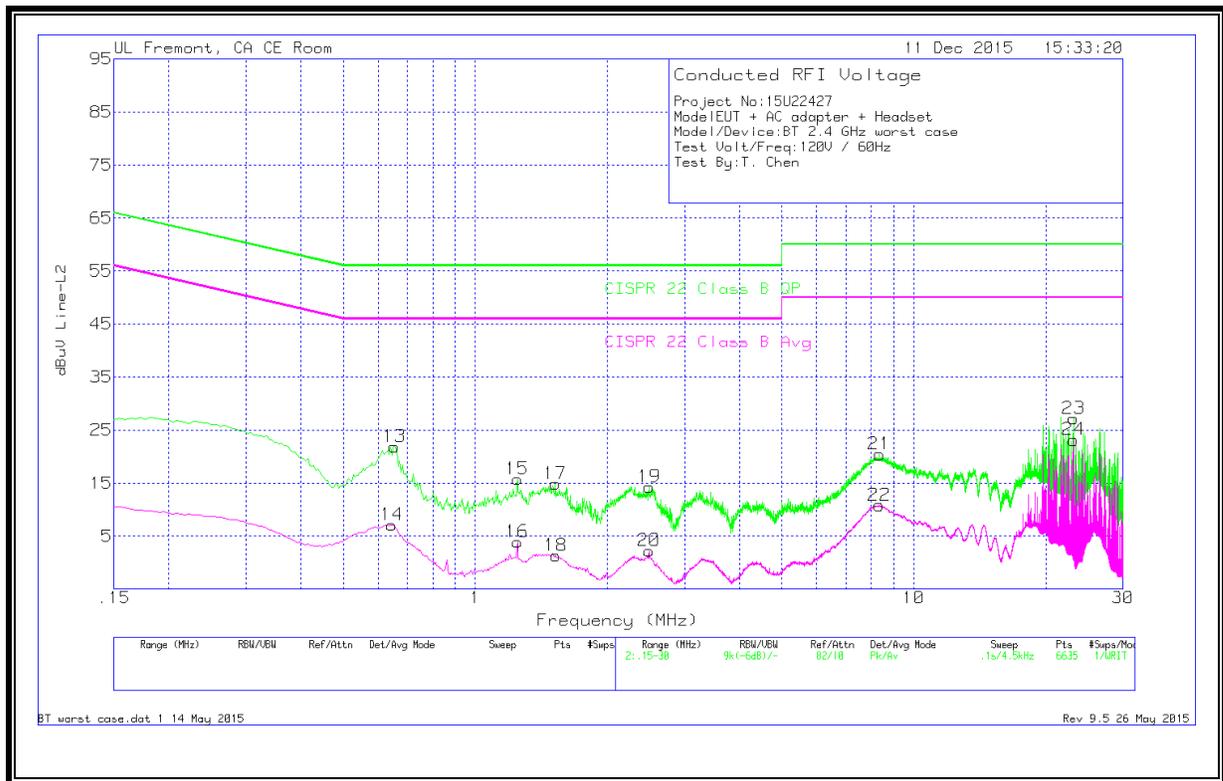


WORST EMISSIONS

Range 1: Line-L1 .15 - 30MHz										
Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	T24 IL L1	LC Cables 1&3	Corrected Reading dBuV	CISPR 22 Class B QP	Margin (dB)	CISPR 22 Class B Avg	Margin (dB)
1	.861	28.13	Pk	.3	0	28.43	56	-27.57	-	-
2	.861	22.97	Av	.3	0	23.27	-	-	46	-22.73
3	1.248	28.14	Pk	.2	0	28.34	56	-27.66	-	-
4	1.248	23.58	Av	.2	0	23.78	-	-	46	-22.22
5	2.4945	24.1	Pk	.2	.1	24.4	56	-31.6	-	-
6	2.4945	17.02	Av	.2	.1	17.32	-	-	46	-28.68
7	3.354	22.86	Pk	.2	.1	23.16	56	-32.84	-	-
8	3.3405	6.92	Av	.2	.1	7.22	-	-	46	-38.78
9	5.91	24.22	Pk	.2	.1	24.52	60	-35.48	-	-
10	5.91	13.97	Av	.2	.1	14.27	-	-	50	-35.73
11	23.1315	42.86	Pk	.3	.2	43.36	60	-16.64	-	-
12	23.1315	40.85	Av	.3	.2	41.35	-	-	50	-8.65

Pk - Peak detector
 Av - Average detection

LINE 2 RESULTS



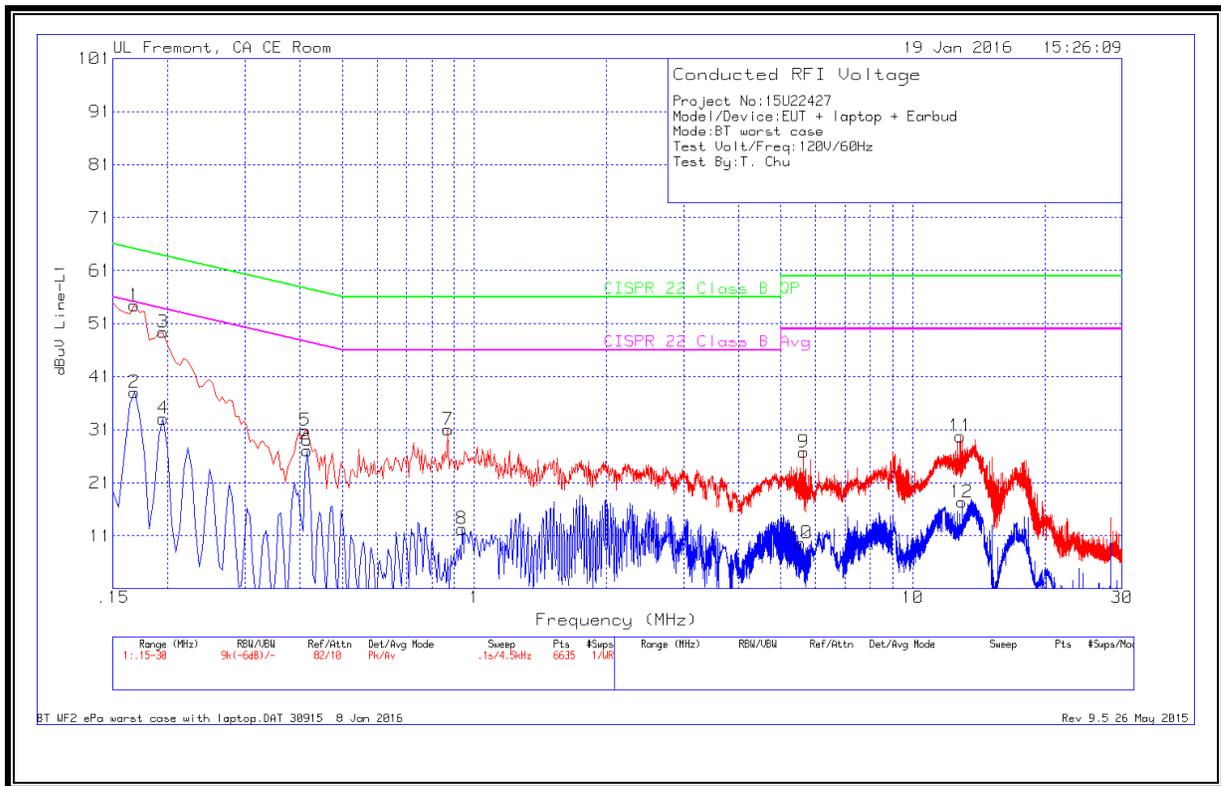
WORST EMISSIONS

Range 2: Line-L2 .15 - 30MHz										
Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	T24 IL L2	LC Cables 2&3	Corrected Reading dBuV	CISPR 22 Class B QP	Margin (dB)	CISPR 22 Class B Avg	Margin (dB)
13	.654	21.58	Pk	.3	0	21.88	56	-34.12	-	-
14	.645	6.79	Av	.3	0	7.09	-	-	46	-38.91
15	1.248	15.52	Pk	.2	0	15.72	56	-40.28	-	-
16	1.248	3.67	Av	.2	0	3.87	-	-	46	-42.13
17	1.5225	14.6	Pk	.2	.1	14.9	56	-41.1	-	-
18	1.527	.99	Av	.2	.1	1.29	-	-	46	-44.71
19	2.49225	13.99	Pk	.2	.1	14.29	56	-41.71	-	-
20	2.49	1.94	Av	.2	.1	2.24	-	-	46	-43.76
21	8.349	20.12	Pk	.2	.1	20.42	60	-39.58	-	-
22	8.34	10.51	Av	.2	.1	10.81	-	-	50	-39.19
23	23.1315	26.67	Pk	.3	.2	27.17	60	-32.83	-	-
24	23.1315	22.64	Av	.3	.2	23.14	-	-	50	-26.86

Pk - Peak detector
 Av - Average detection

9.2. EUT POWERED BY HOST PC VIA USB CABLE

LINE 1 RESULTS



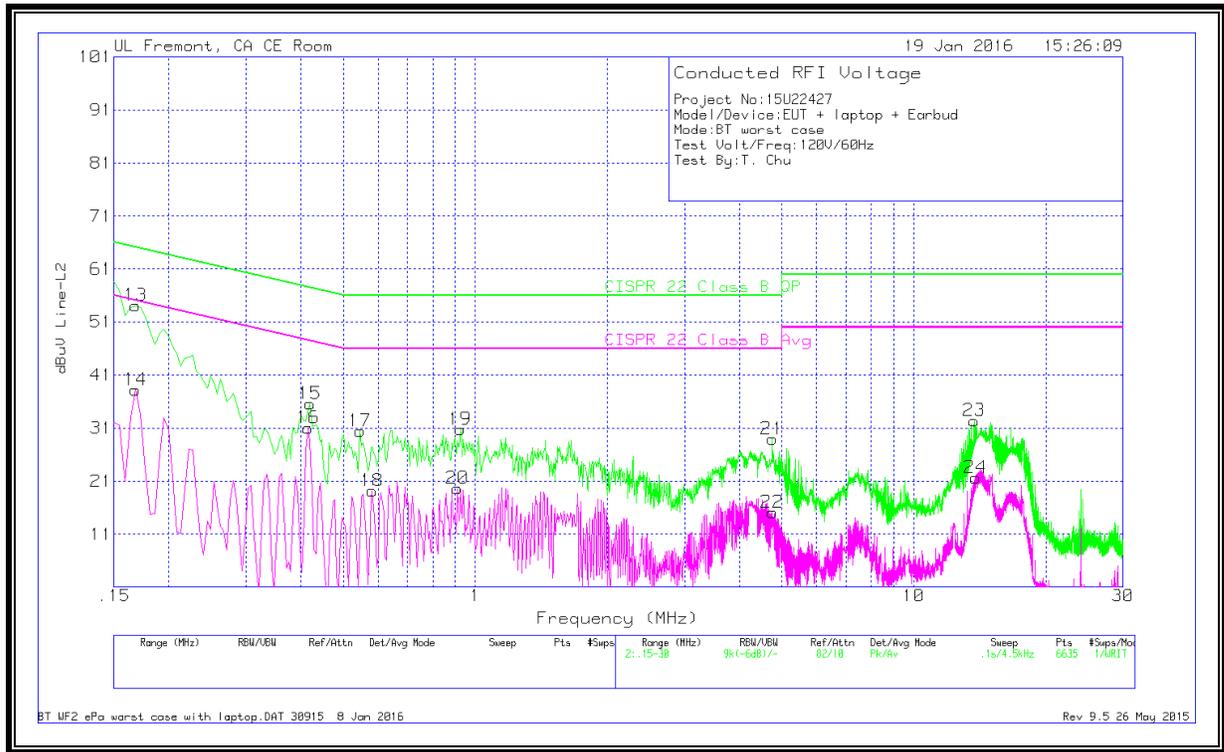
WORST EMISSIONS

Range 1: Line-L1 .15 - 30MHz										
Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	T1310 IL L1	LC Cables 1&3	Corrected Reading dBuV	CISPR 22 Class B QP	Margin (dB)	CISPR 22 Class B Avg	Margin (dB)
1	.168	54.44	Pk	0	0	54.44	65.06	-10.62	-	-
2	.168	38.07	Av	0	0	38.07	-	-	55.06	-16.99
3	.195	49.41	Pk	0	0	49.41	63.82	-14.41	-	-
4	.195	33.1	Av	0	0	33.1	-	-	53.82	-20.72
5	.411	30.87	Pk	0	0	30.87	57.63	-26.76	-	-
6	.4155	27.05	Av	0	0	27.05	-	-	47.54	-20.49
7	.87	31.01	Pk	0	0	31.01	56	-24.99	-	-
8	.9375	12.27	Av	0	0	12.27	-	-	46	-33.73
9	5.631	26.73	Pk	0	.1	26.83	60	-33.17	-	-
10	5.55	9.44	Av	0	.1	9.54	-	-	50	-40.46
11	12.8355	29.45	Pk	.1	.2	29.75	60	-30.25	-	-
12	12.9345	17.06	Av	.1	.2	17.36	-	-	50	-32.64

Pk - Peak detector

Av - Average detection

LINE 2 RESULTS



WORST EMISSIONS

Range 2: Line-L2 .15 - 30MHz										
Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	T1310 IL L2	LC Cables 2&3	Corrected Reading dBuV	CISPR 22 Class B QP	Margin (dB)	CISPR 22 Class B Avg	Margin (dB)
13	.168	54.1	Pk	0	0	54.1	65.06	-10.96	-	-
14	.168	38.22	Av	0	0	38.22	-	-	55.06	-16.84
15	.42	35.55	Pk	0	0	35.55	57.45	-21.9	-	-
16	.4155	31.02	Av	0	0	31.02	-	-	47.54	-16.52
17	.546	30.47	Pk	0	0	30.47	56	-25.53	-	-
18	.582	19.13	Av	0	0	19.13	-	-	46	-26.87
19	.924	30.76	Pk	0	0	30.76	56	-25.24	-	-
20	.9105	19.64	Av	0	0	19.64	-	-	46	-26.36
21	4.758	28.86	Pk	0	.1	28.96	56	-27.04	-	-
22	4.758	15.03	Av	0	.1	15.13	-	-	46	-30.87
23	13.731	32.07	Pk	.1	.2	32.37	60	-27.63	-	-
24	13.83	21.36	Av	.1	.2	21.66	-	-	50	-28.34

Pk - Peak detector

Av - Average detection