

9. RADIATED TEST RESULTS

9.1. LIMITS AND PROCEDURE

LIMITS

FCC §15.205 and §15.209

IC RSS-GEN, Section 8.9 and 8.10.

Frequency Range (MHz)	Field Strength Limit (uV/m) at 3 m	Field Strength Limit (dBuV/m) at 3 m
30 - 88	100	40
88 - 216	150	43.5
216 - 960	200	46
Above 960	500	54

TEST PROCEDURE

The EUT is placed on a non-conducting table 80 cm above the ground plane for measurement below 1GHz; 1.5 m above the ground plane for measurement above 1GHz. The antenna to EUT distance is 3 meters. The EUT is configured in accordance with ANSI C63.10. The EUT is set to transmit in a continuous mode.

For measurements below 1 GHz the resolution bandwidth is set to 100 kHz for peak detection measurements or 120 kHz for quasi-peak detection measurements. Peak detection is used unless otherwise noted as quasi-peak.

For pre-scans above 1 GHz the resolution bandwidth is set to 1 MHz; the video bandwidth is set to 30 KHz for peak measurements.

For final scans above 1 GHz the resolution bandwidth is set to 1 MHz, then the video bandwidth is set to 3 MHz for peak measurements and 1 MHz resolution bandwidth with 1/T (10 Hz) video bandwidth with peak detector for average measurements.

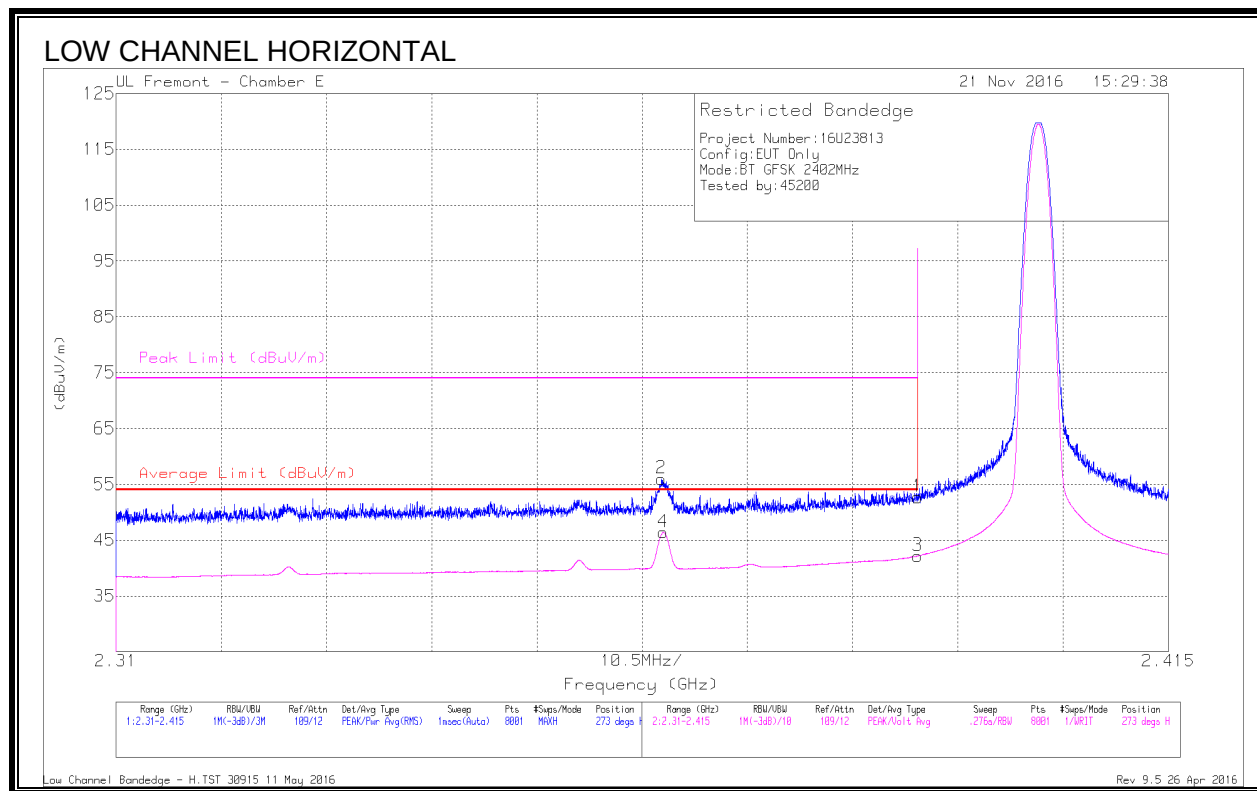
PKFH - FHSS: RB=100k/1MHz VB=3 x RB, Peak→ this is a note from Radiated automation software. When the frequency is below 1G, software is using RB=100kHz; when the frequency is above 1G, software is using RB=1MHz.

The frequency range of interest is monitored at a fixed antenna height and EUT azimuth. The EUT is rotated through 360 degrees to maximize emissions received. The antenna is scanned from 1 to 4 meters above the ground plane to further maximize the emission. Measurements are made with the antenna polarized in both the vertical and the horizontal positions.

RESULTS

9.2. HIGH POWER BASIC DATA RATE GFSK MODULATION

9.2.1. RESTRICTED BANDEDGE (LOW CHANNEL)

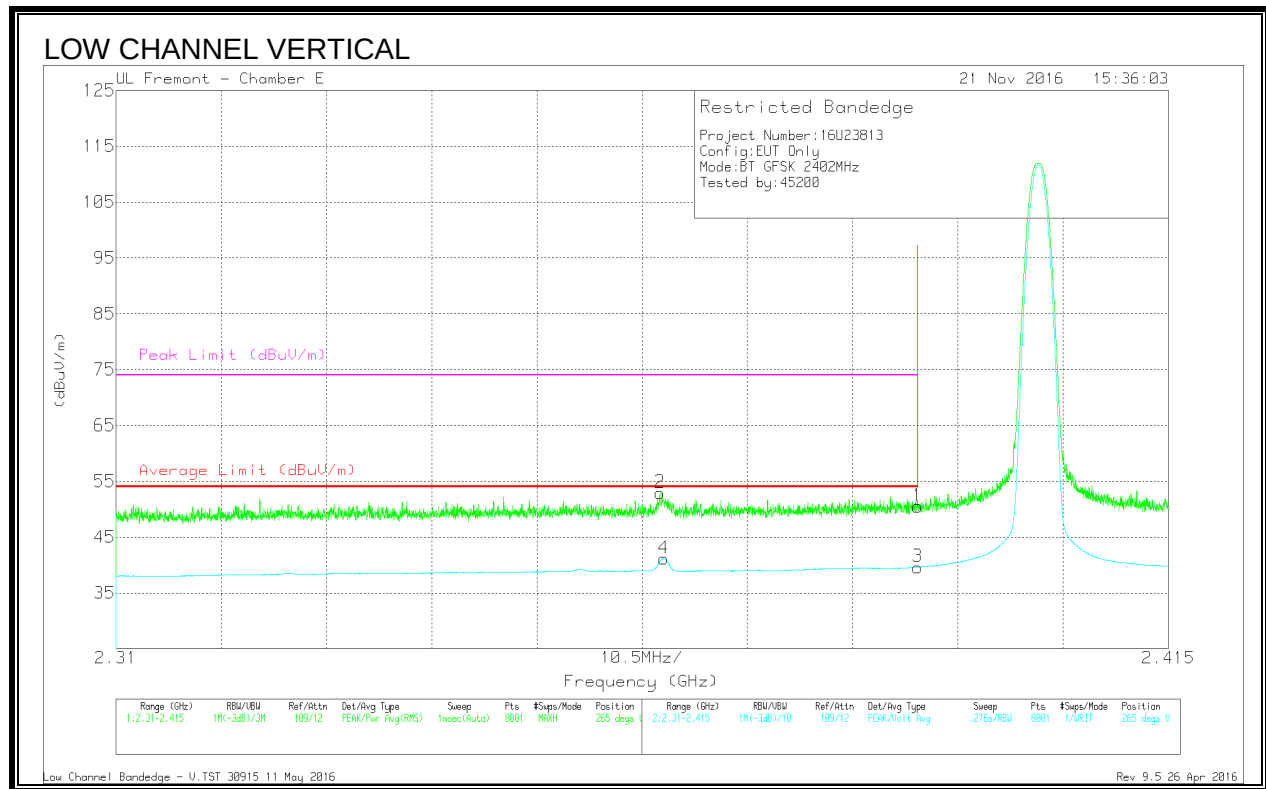


Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T711 (dB/m)	Amp/Cb/Filtr/Pad (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarization
1	* 2.39	40.32	Pk	32.1	-19.7	52.72	-	-	74	-21.28	273	182	H
2	* 2.364	43.8	Pk	31.9	-19.7	56	-	-	74	-18	273	182	H
3	* 2.39	29.77	VA1T	32.1	-19.7	42.17	54	-11.83	-	-	273	182	H
4	* 2.365	34.22	VA1T	31.9	-19.7	46.42	54	-7.58	-	-	273	182	H

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

Pk - Peak detector

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



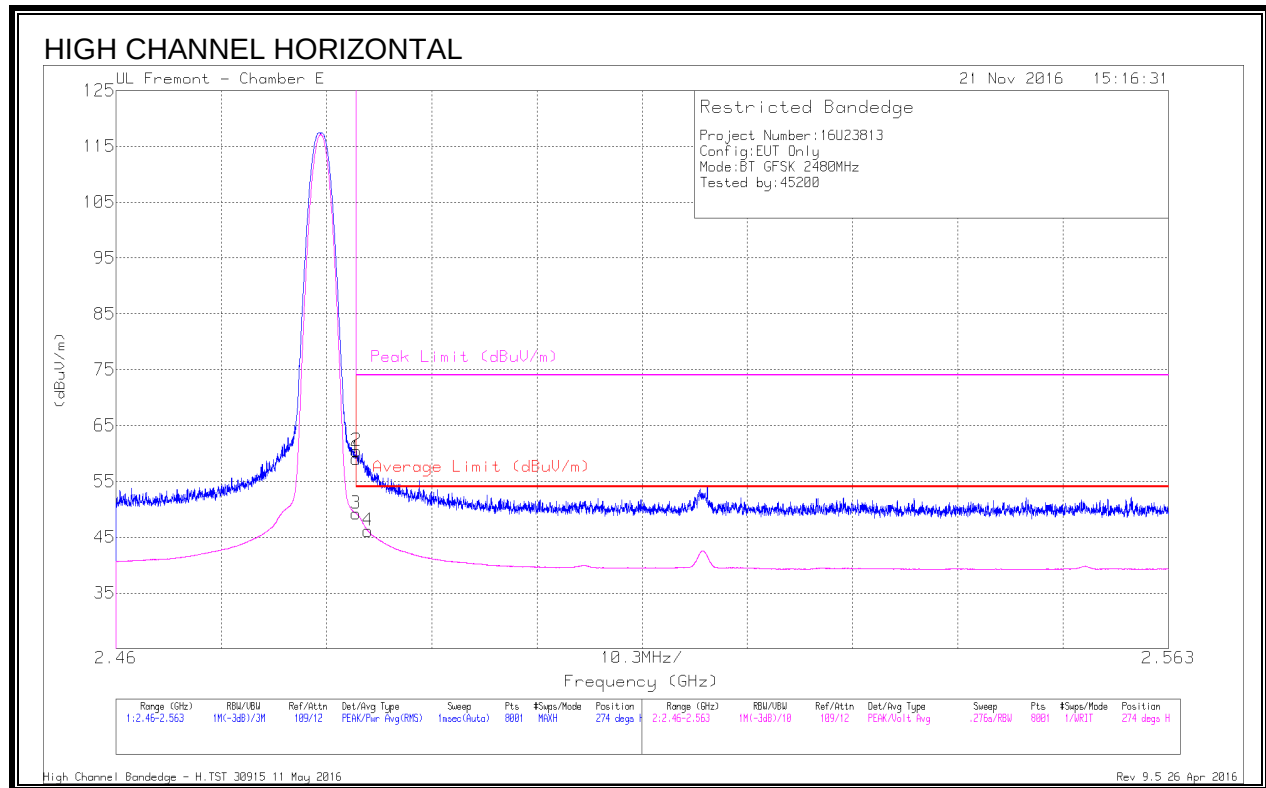
Marker	Frequ ncy (GHz)	Meter Readin g (dBuV)	Det	AF T711 (dB/m)	Amp/C bl/Filtr/ Pad (dB)	Correc ted Readin g (dBuV/ m)	Averag e Limit (dBuV/ m)	Margin (dB)	Peak Limit (dBuV/ m)	PK Margin (dB)	Azimet h (Degs)	Height (cm)	Polarit y
1	* 2.39	38.12	Pk	32.1	-19.7	50.52	-	-	74	-23.48	265	168	V
2	* 2.364	40.71	Pk	31.9	-19.7	52.91	-	-	74	-21.09	265	168	V
3	* 2.39	27.23	VA1T	32.1	-19.7	39.63	54	-14.37	-	-	265	168	V
4	* 2.365	28.94	VA1T	31.9	-19.7	41.14	54	-12.86	-	-	265	168	V

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

Pk - Peak detector

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

9.2.2. AUTHORIZED BANDEGE (HIGH CHANNEL)

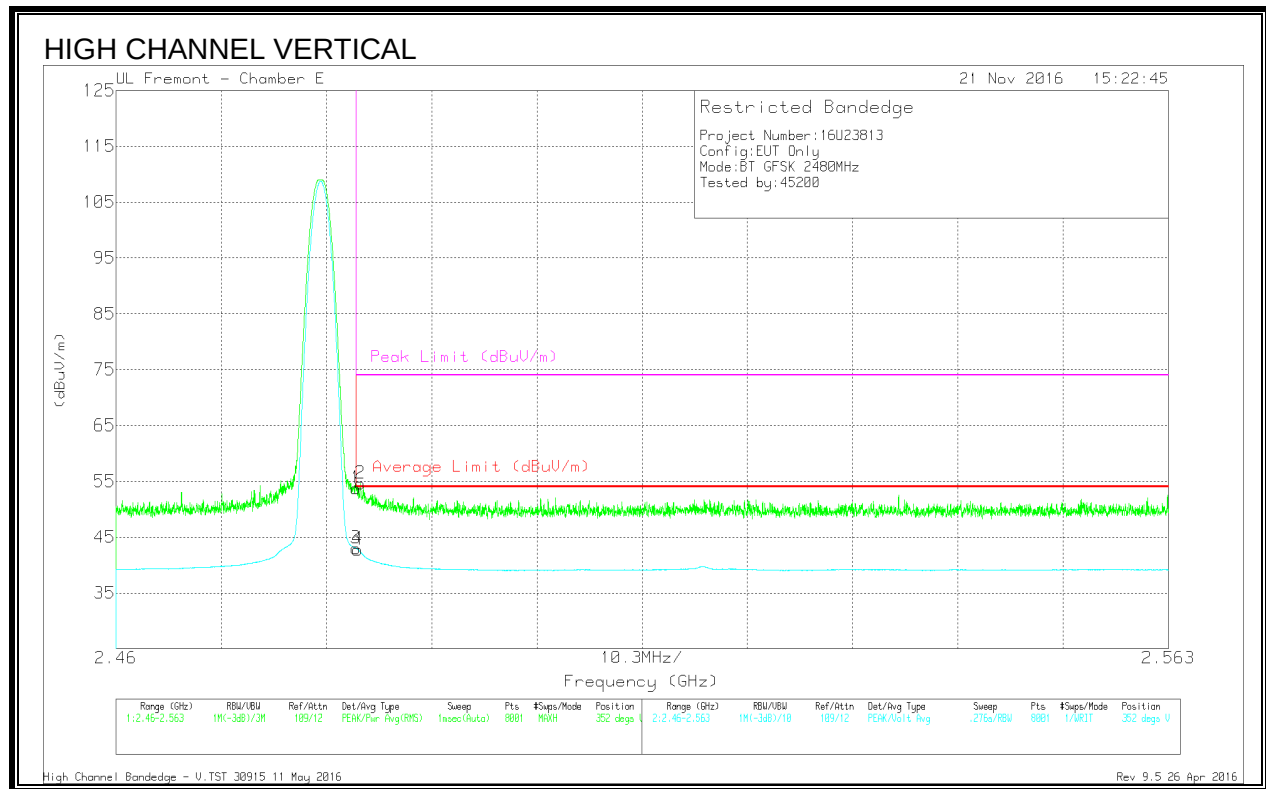


Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T711 (dB/m)	Amp/Cb/Fltr/Pad (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.484	46.47	Pk	32.3	-19.7	59.07	-	-	74	-14.93	274	242	H
2	* 2.484	47.85	Pk	32.3	-19.7	60.45	-	-	74	-13.55	274	242	H
3	* 2.484	36.61	VA1T	32.3	-19.7	49.21	54	-4.79	-	-	274	242	H
4	* 2.485	33.53	VA1T	32.3	-19.7	46.13	54	-7.87	-	-	274	242	H

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

Pk - Peak detector

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



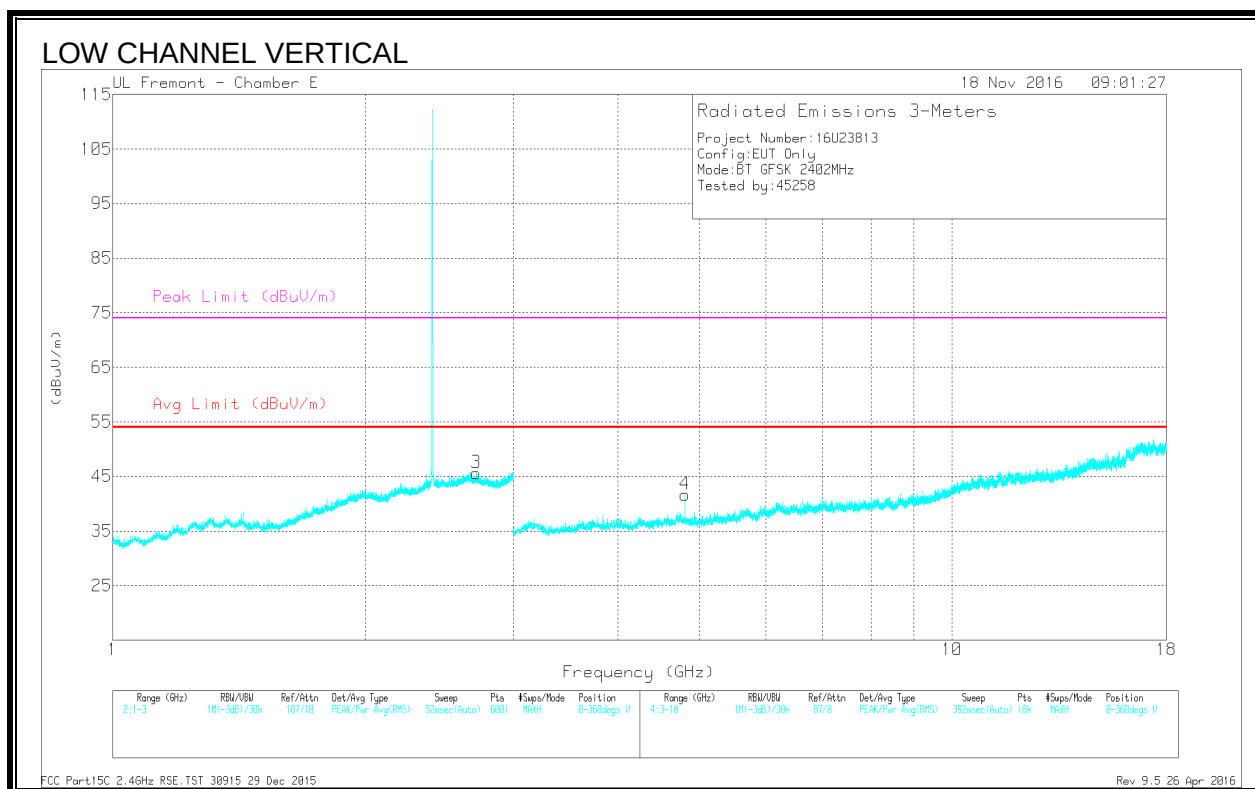
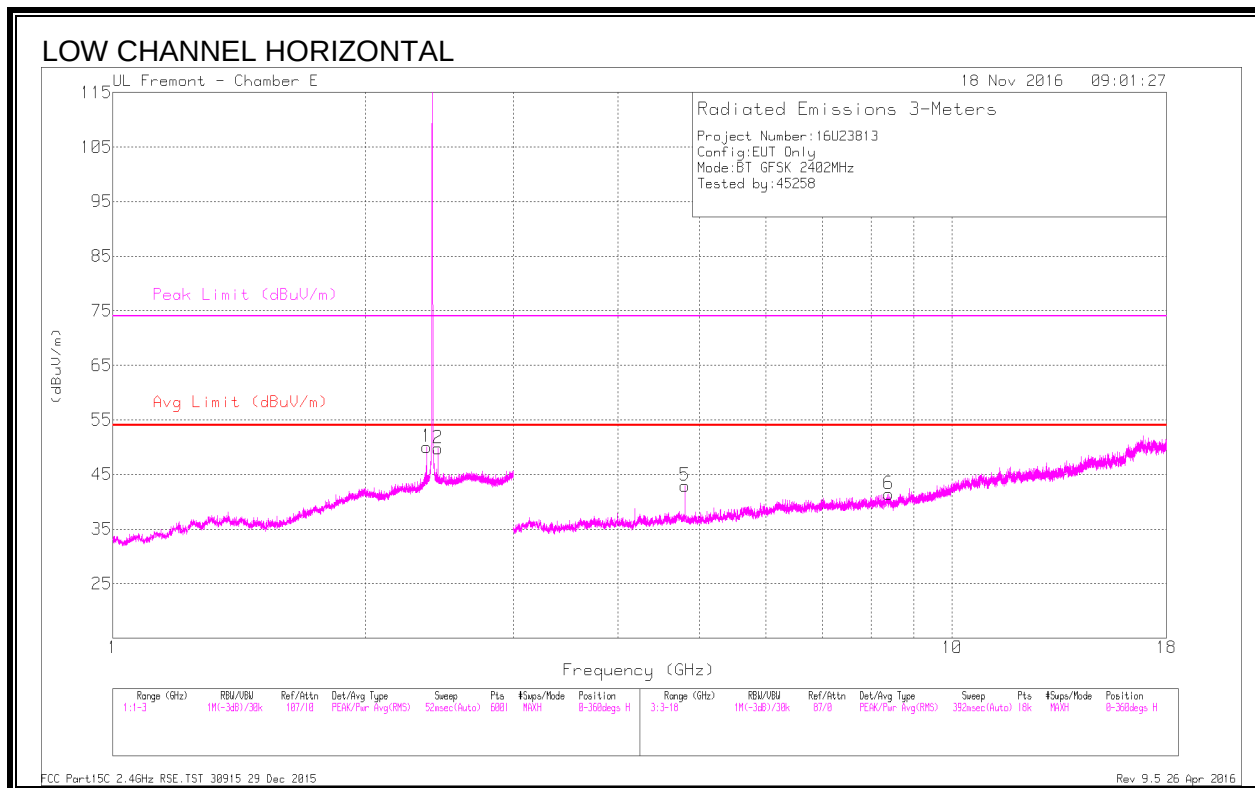
Marker	Frequ ncy (GHz)	Meter Readin g (dBuV)	Det	AF T711 (dB/m)	Amp/C bl/Filtr/ Pad (dB)	Correc ted Readin g (dBuV/ m)	Averag e Limit (dBuV/ m)	Margin (dB)	Peak Limit (dBuV/ m)	PK Margin (dB)	Azimet h (Degs)	Height (cm)	Polarit y
1	* 2.484	41.14	Pk	32.3	-19.7	53.74	-	-	74	-20.26	352	237	V
2	* 2.484	41.99	Pk	32.3	-19.7	54.59	-	-	74	-19.41	352	237	V
3	* 2.484	30.38	VA1T	32.3	-19.7	42.98	54	-11.02	-	-	352	237	V
4	* 2.484	30.2	VA1T	32.3	-19.7	42.8	54	-11.2	-	-	352	237	V

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

Pk - Peak detector

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

9.2.3. HARMONICS AND SPURIOUS EMISSIONS

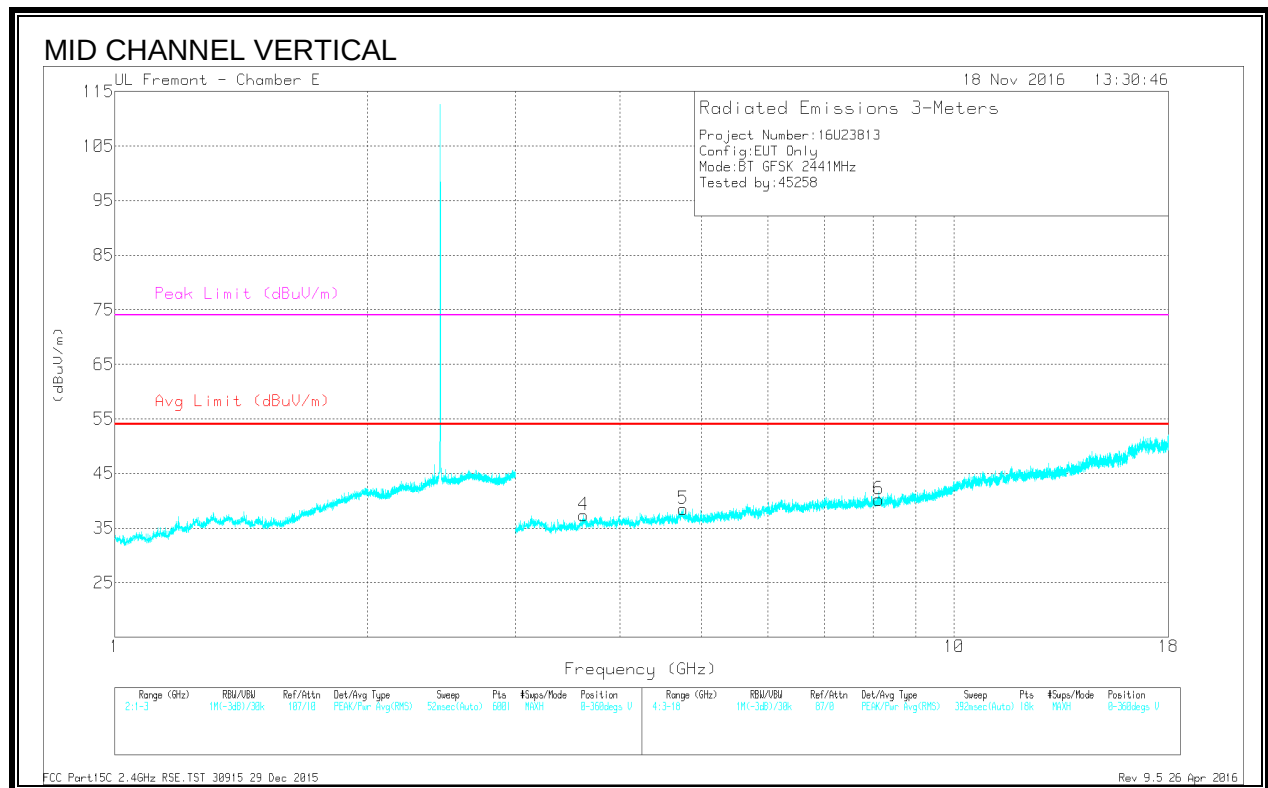
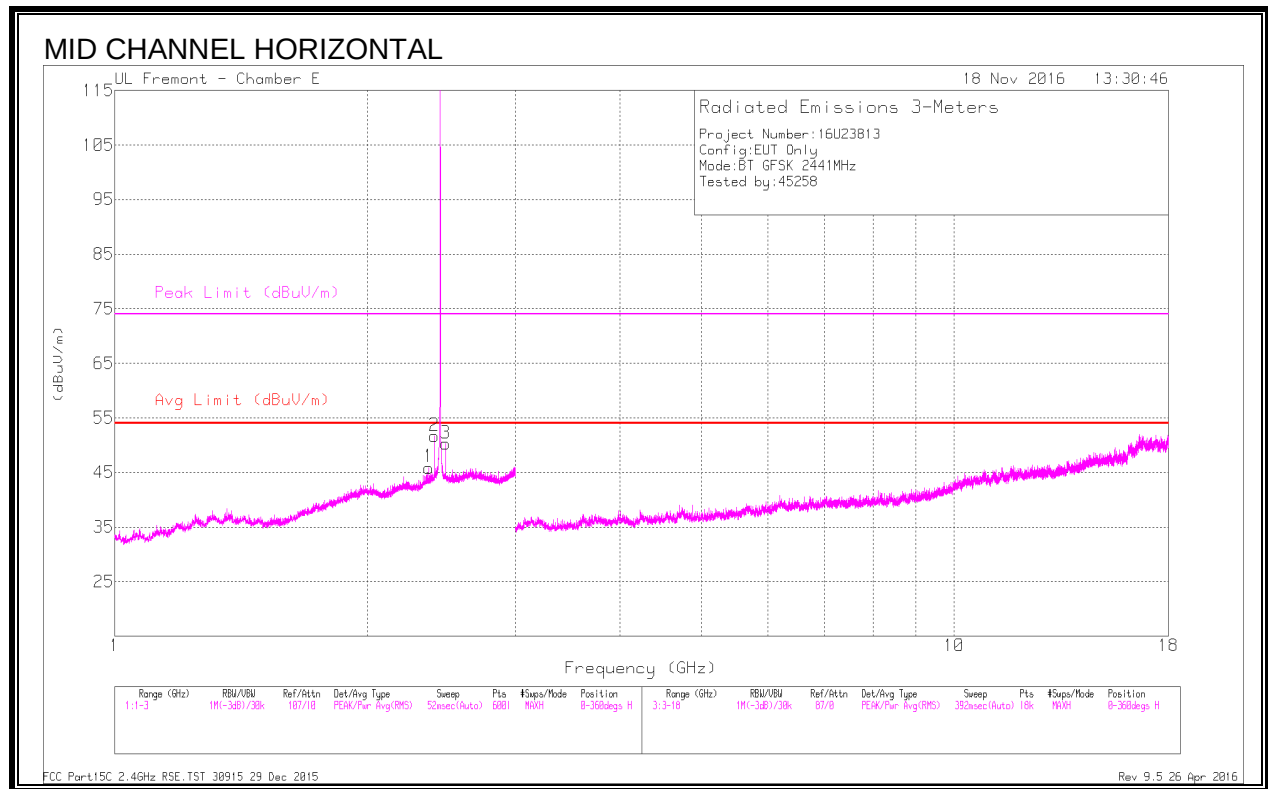


Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T711 (dB/m)	Amp/Cb/Filtr/Pad (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.364	42.71	PKFH	31.9	-19.7	54.91	-	-	74	-19.09	97	180	H
	* 2.365	34.11	VA1T	31.9	-19.7	46.31	54	-7.69	-	-	97	180	H
3	* 2.712	37.02	PKFH	32.6	-19.3	50.32	-	-	74	-23.68	218	127	V
	* 2.713	25.31	VA1T	32.6	-19.3	38.61	54	-15.39	-	-	218	127	V
5	* 4.804	43.6	PKFH	34	-29.6	48	-	-	74	-26	82	110	H
	* 4.804	36.84	VA1T	34	-29.6	41.24	54	-12.76	-	-	82	110	H
6	* 8.408	36.5	PKFH	35.7	-25.2	47	-	-	74	-27	268	376	H
	* 8.409	24.97	VA1T	35.7	-25.3	35.37	54	-18.63	-	-	268	376	H
4	* 4.804	42.28	PKFH	34	-29.6	46.68	-	-	74	-27.32	152	101	V
	* 4.804	35.35	VA1T	34	-29.6	39.75	54	-14.25	-	-	152	101	V
2	2.439	41.66	PKFH	32.2	-19.8	54.06	-	-	-	-	92	179	H

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

PKFH - FHSS: RB=100k/1MHz VB=3 x RB, Peak

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

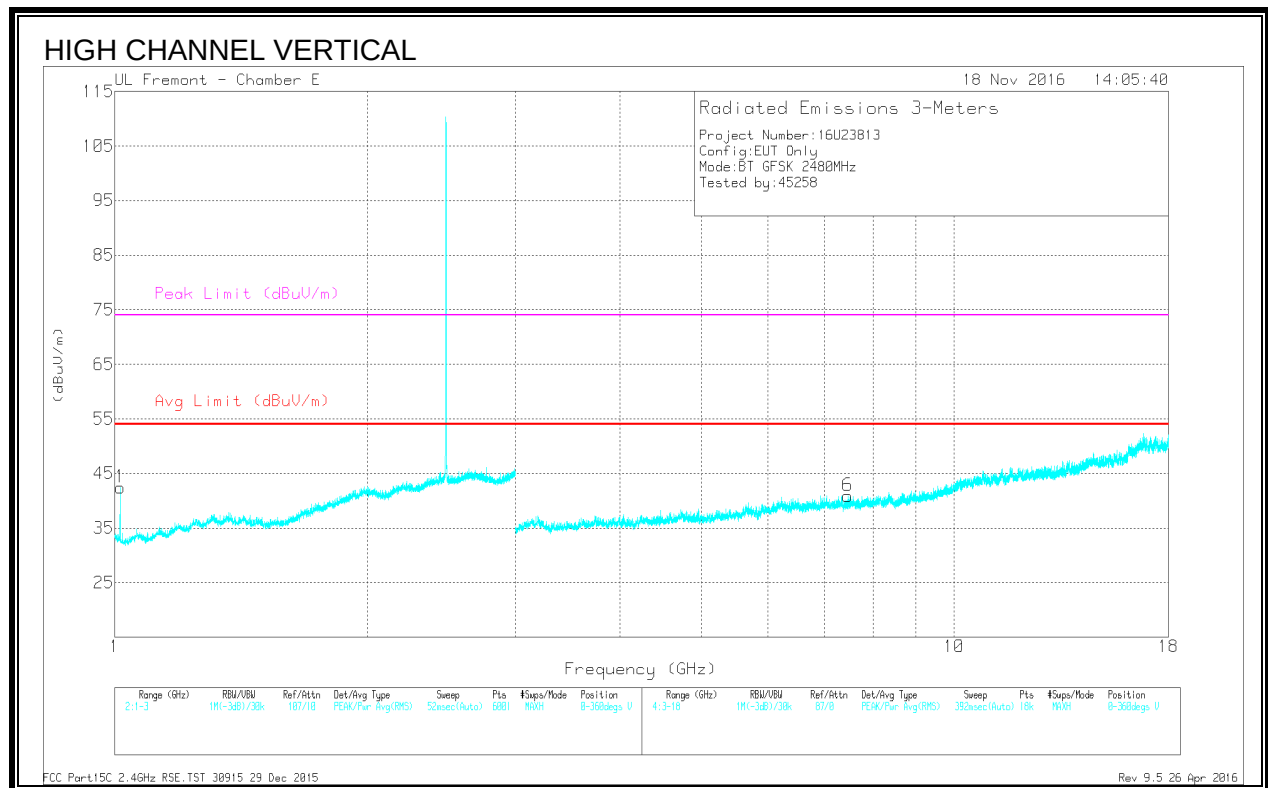
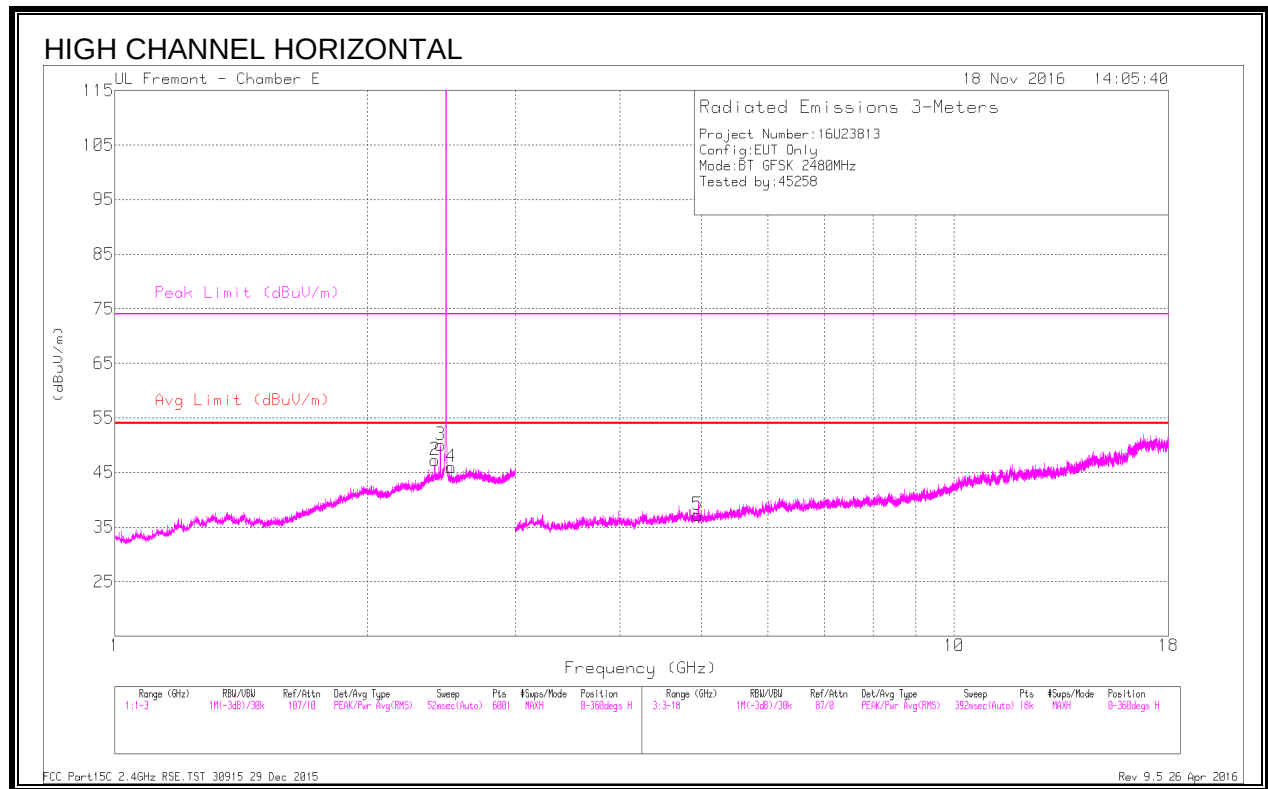


Margin	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T711 (dB/m)	Amp/Cb/Filtr/ Pad (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.367	38.99	PKFH	31.9	-19.8	51.09	-	-	74	-22.91	278	188	H
	* 2.366	29.27	VA1T	31.9	-19.8	41.37	54	-12.63	-	-	278	188	H
4	* 3.617	39.52	PKFH	33	-30.5	42.02	-	-	74	-31.98	341	174	V
	* 3.617	28.44	VA1T	33	-30.5	30.94	54	-23.06	-	-	341	174	V
5	* 4.751	38.89	PKFH	34	-28.9	43.99	-	-	74	-30.01	116	199	V
	* 4.75	27.59	VA1T	34	-28.9	32.69	54	-21.31	-	-	116	199	V
6	* 8.131	36.9	PKFH	35.7	-25.8	46.8	-	-	74	-27.2	51	153	V
	* 8.13	25.06	VA1T	35.7	-25.8	34.96	54	-19.04	-	-	51	153	V
2	2.403	42.61	PKFH	32.2	-19.7	55.11	-	-	-	-	270	198	H
3	2.478	42.99	PKFH	32.3	-19.7	55.59	-	-	-	-	273	142	H

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

PKFH - FHSS: RB=100k/1MHz VB=3 x RB, Peak

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



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T711 (dB/m)	Amp/Cb/Filtr/ 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	* 1.013	36.13	PKFH	27.5	-23.4	40.23	-	-	74	-33.77	236	232	V
	* 1.013	24.1	VA1T	27.5	-23.4	28.2	54	-25.8	-	-	236	232	V
5	* 4.946	39.9	PKFH	34	-30.3	43.6	-	-	74	-30.4	166	239	H
	* 4.945	28.47	VA1T	34	-30.4	32.07	54	-21.93	-	-	166	239	H
6	* 7.469	38.2	PKFH	35.5	-27.3	46.4	-	-	74	-27.6	249	184	V
	* 7.47	26.01	VA1T	35.5	-27.2	34.31	54	-19.69	-	-	249	184	V
2	2.405	39.85	PKFH	32.2	-19.7	52.35	-	-	-	-	87	189	H
3	2.442	42.38	PKFH	32.2	-19.6	54.98	-	-	-	-	93	199	H
4	2.517	38.61	PKFH	32.3	-19.7	51.21	-	-	-	-	96	202	H

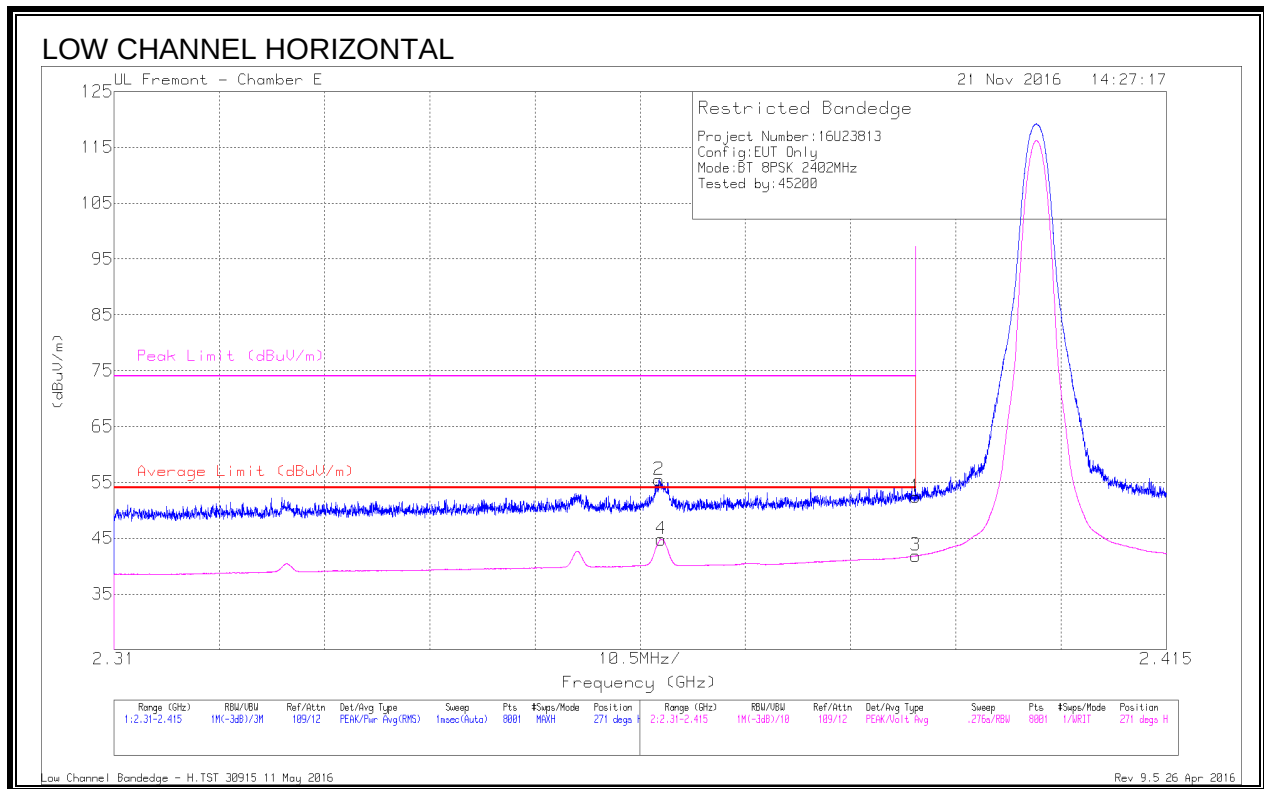
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

PKFH - FHSS: RB=100k/1MHz VB=3 x RB, Peak

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

9.3. HIGH POWER ENHANCED DATA RATE 8PSK MODULATION

9.3.1. RESTRICTED BANDEDGE (LOW CHANNEL)

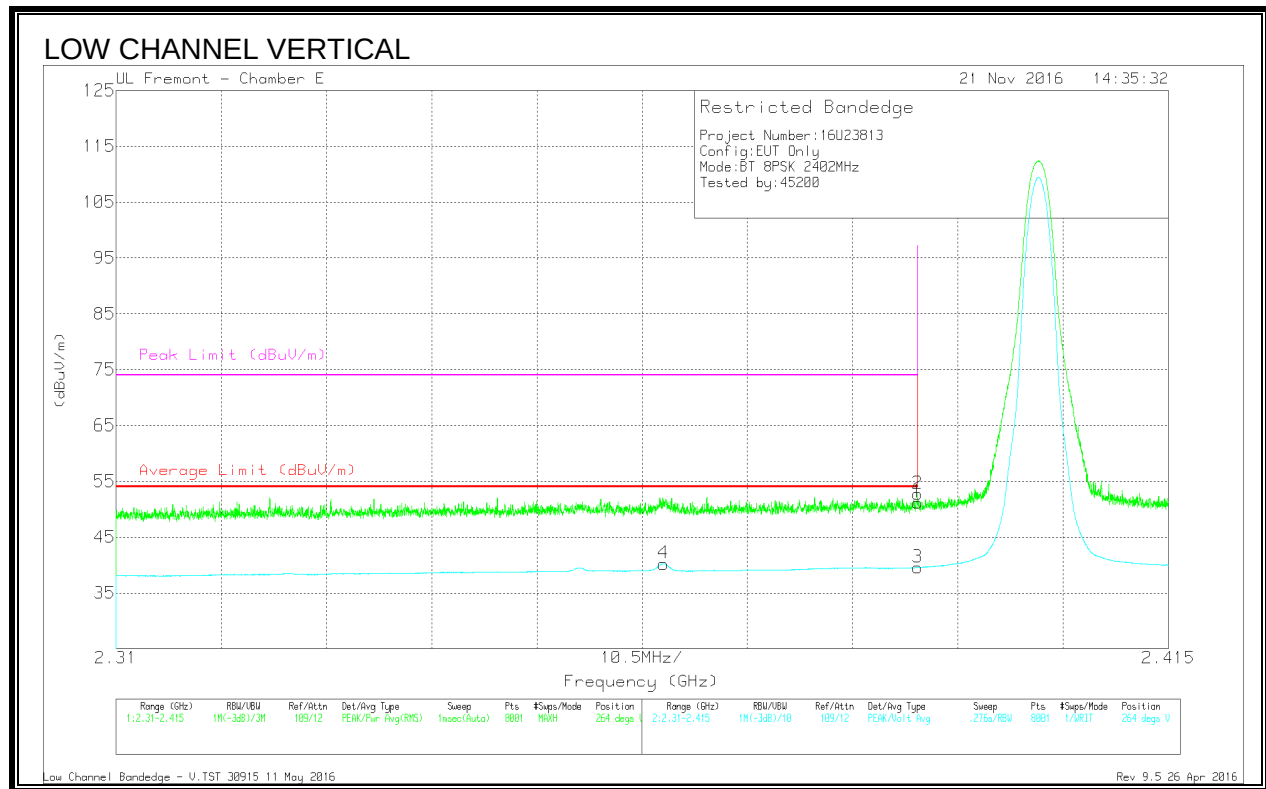


Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T711 (dB/m)	Amp/Cb/Filtr/Pad (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarization
2	* 2.364	43.25	Pk	31.9	-19.7	55.45	-	-	74	-18.55	271	182	H
4	* 2.365	32.58	VA1T	31.9	-19.7	44.78	54	-9.22	-	-	271	182	H
1	* 2.39	40	Pk	32.1	-19.7	52.4	-	-	74	-21.6	271	182	H
3	* 2.39	29.45	VA1T	32.1	-19.7	41.85	54	-12.15	-	-	271	182	H

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

Pk - Peak detector

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



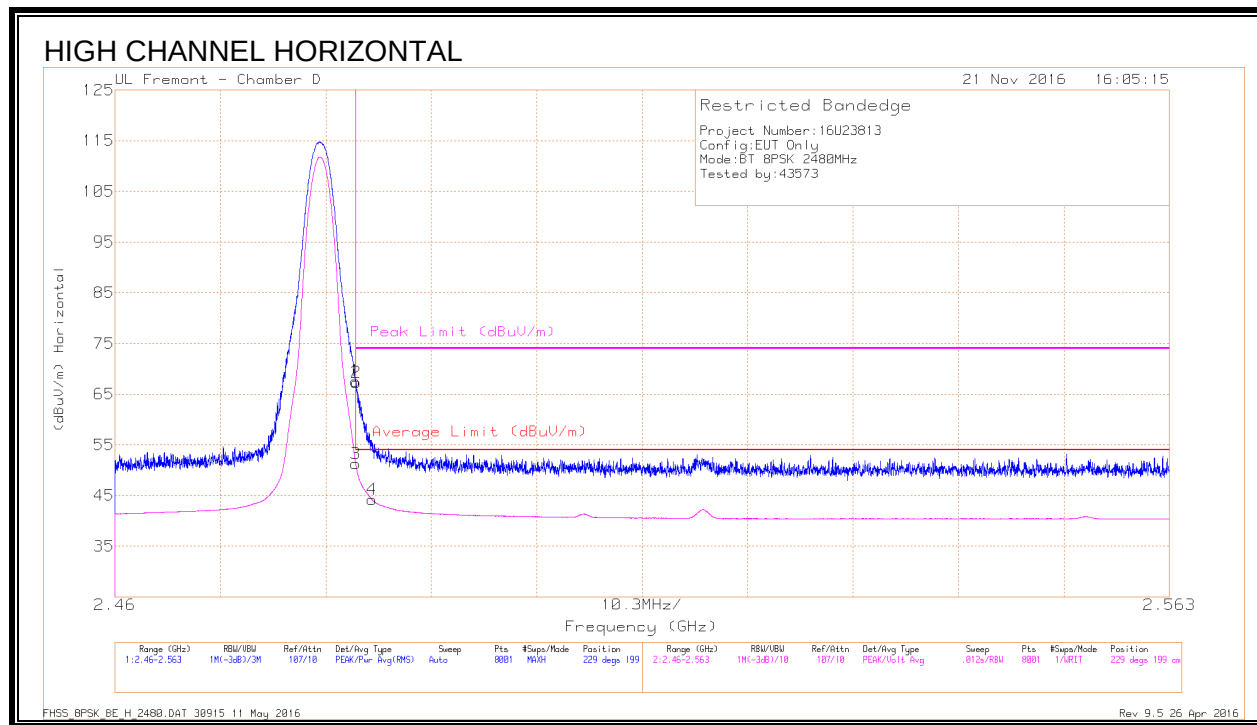
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T711 (dB/m)	Amp/Cb/Filtr/Pad (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
4	* 2.365	28.04	VA1T	31.9	-19.7	40.24	54	-13.76	-	-	264	113	V
1	* 2.39	38.81	Pk	32.1	-19.7	51.21	-	-	74	-22.79	264	113	V
2	* 2.39	40.37	Pk	32.1	-19.7	52.77	-	-	74	-21.23	264	113	V
3	* 2.39	27.15	VA1T	32.1	-19.7	39.55	54	-14.45	-	-	264	113	V

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

Pk - Peak detector

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

9.3.2. AUTHORIZED BANDEDGE (HIGH CHANNEL)

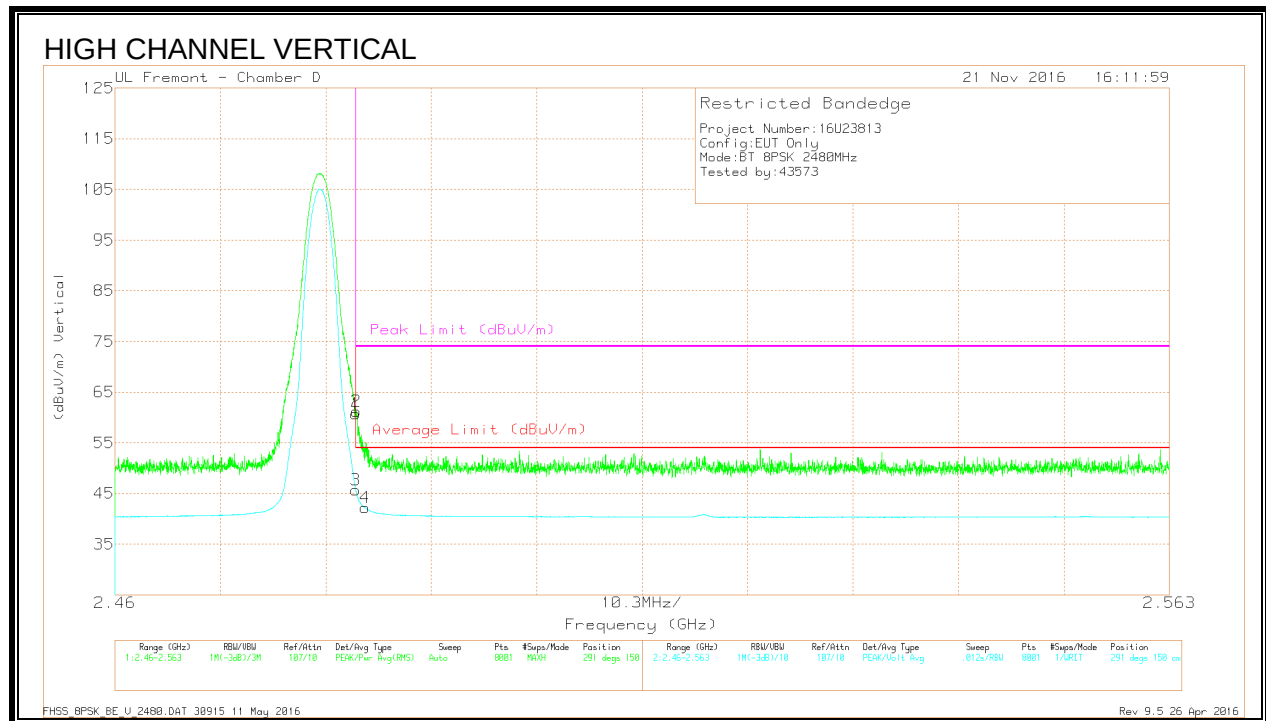


Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T712 (dB/m)	Amp/Cb/Fltr/Pad (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.484	55.81	Pk	32.3	-20.5	67.61	-	-	74	-6.39	229	199	H
2	* 2.484	55.54	Pk	32.3	-20.5	67.34	-	-	74	-6.66	229	199	H
3	* 2.484	39.46	VA1T	32.3	-20.5	51.26	54	-2.74	-	-	229	199	H
4	* 2.485	32.52	VA1T	32.3	-20.6	44.22	54	-9.78	-	-	229	199	H

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

Pk - Peak detector

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



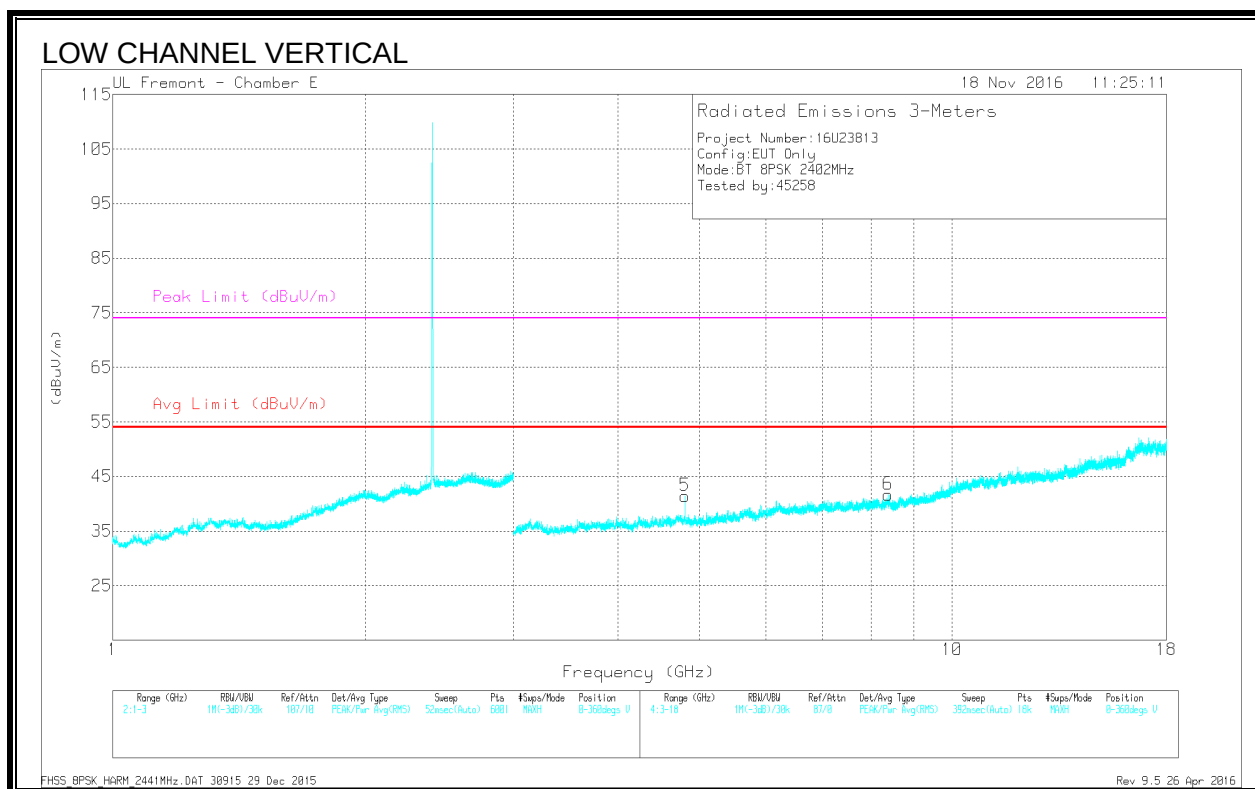
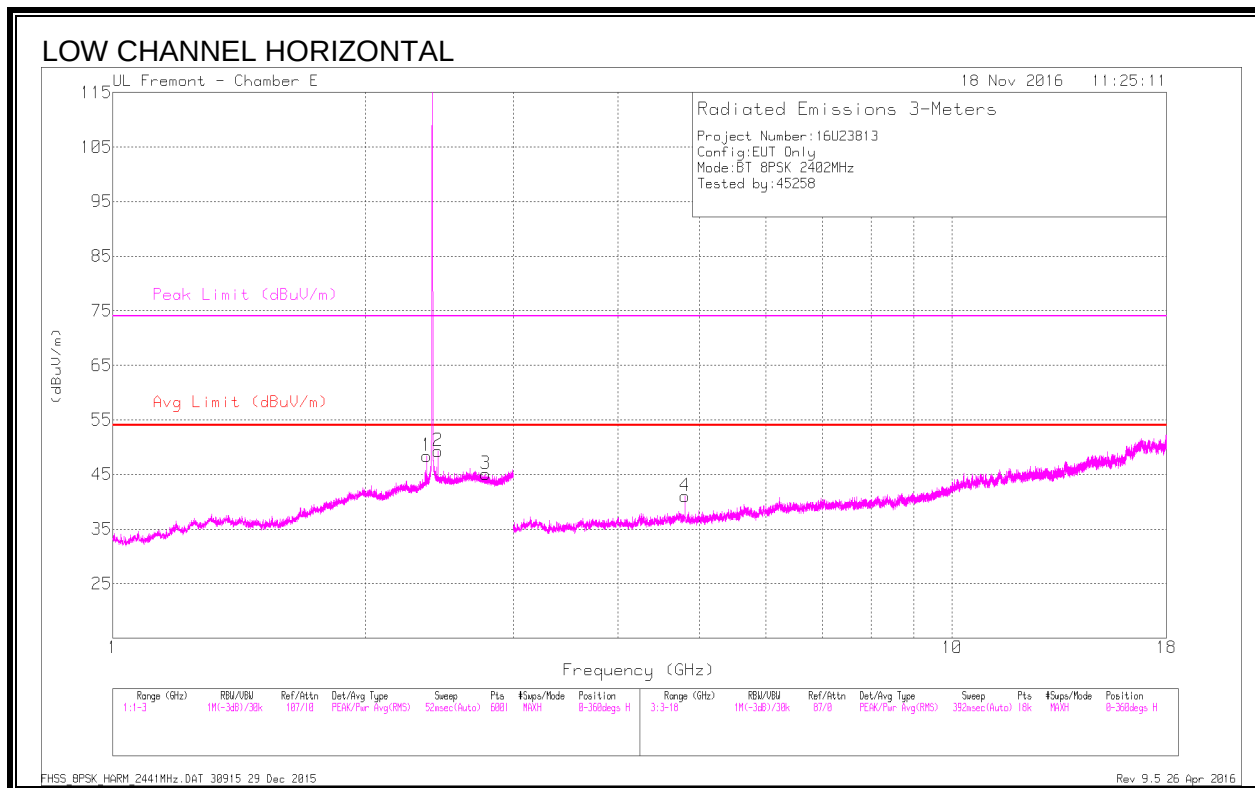
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T712 (dB/m)	Amp/Cb/Filtr/Pad (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.484	48.95	Pk	32.3	-20.5	60.75	-	-	74	-13.25	291	150	V
2	* 2.484	49.43	Pk	32.3	-20.5	61.23	-	-	74	-12.77	291	150	V
3	* 2.484	33.94	VA1T	32.3	-20.5	45.74	54	-8.26	-	-	291	150	V
4	* 2.484	30.37	VA1T	32.3	-20.5	42.17	54	-11.83	-	-	291	150	V

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

Pk - Peak detector

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

9.3.3. HARMONICS AND SPURIOUS EMISSIONS

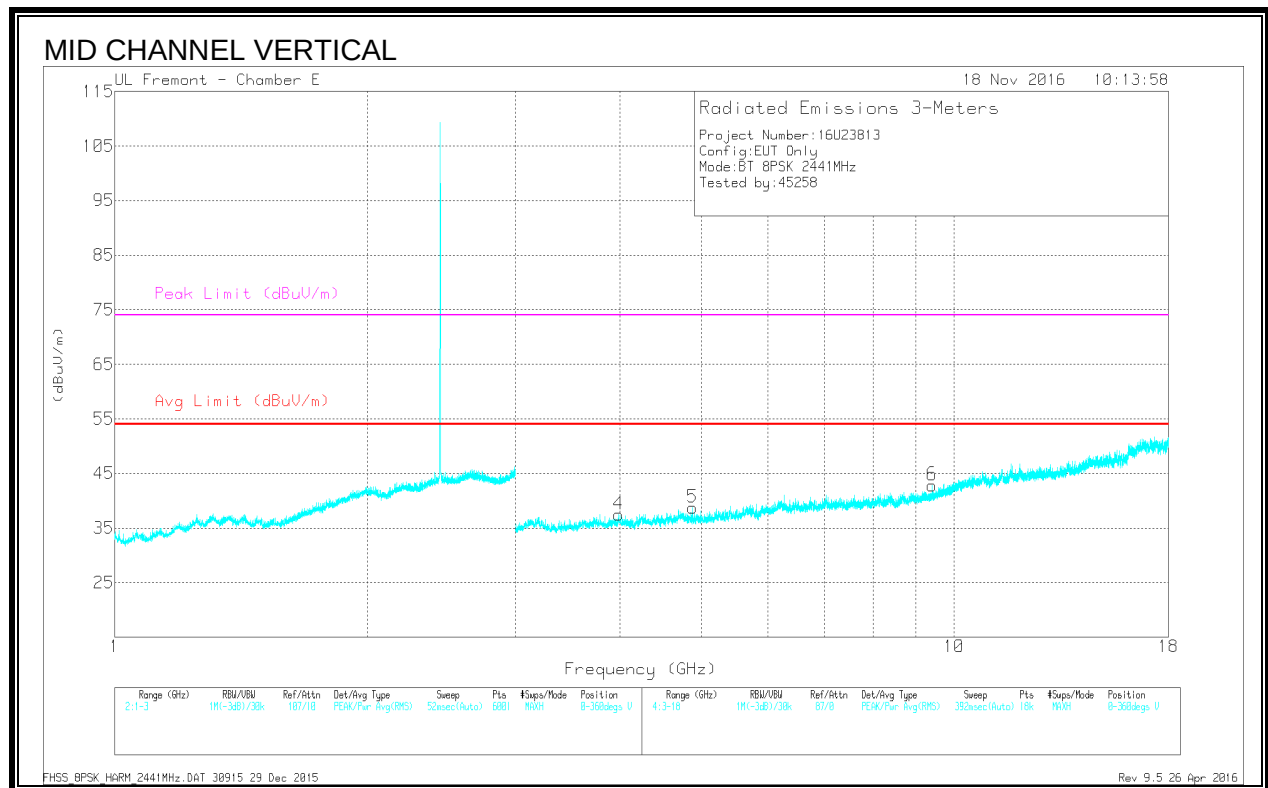
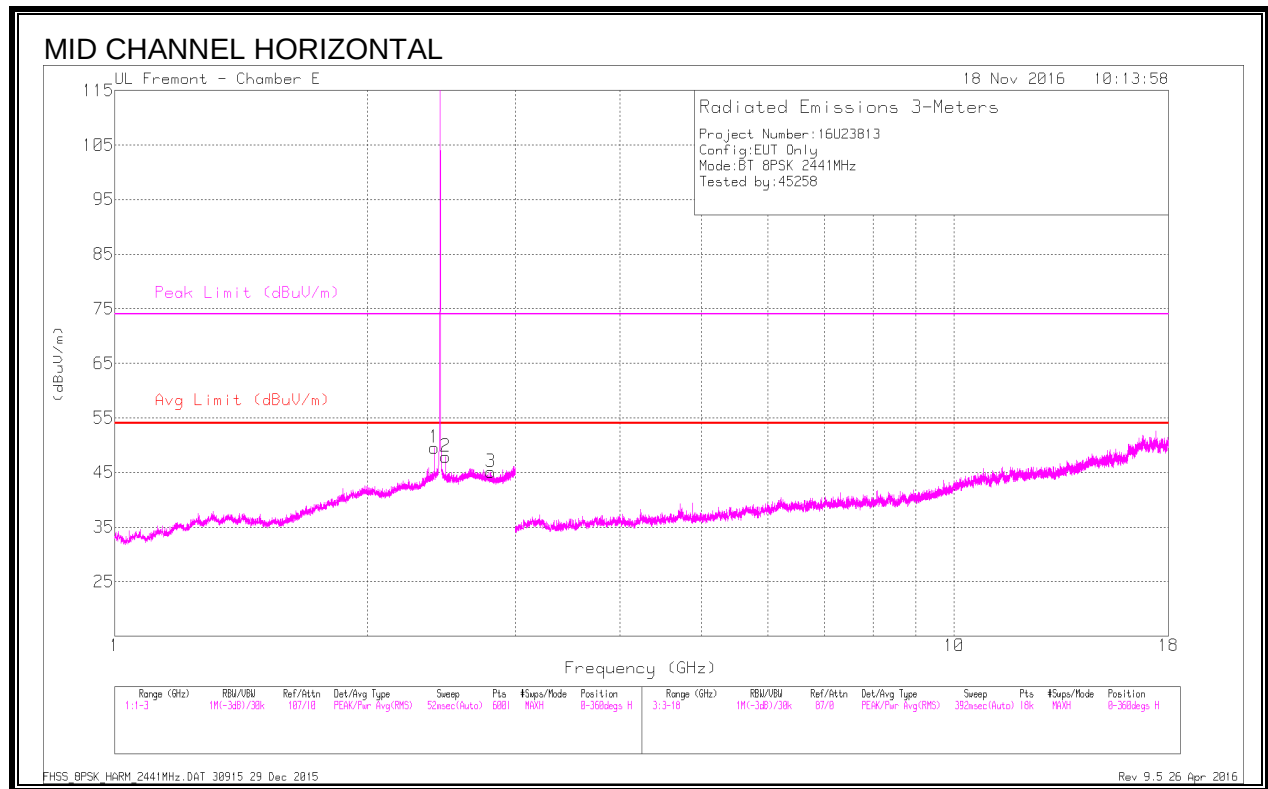


Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T711 (dB/m)	Amp/Cb/Fltr/Pad (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.365	41.14	PKFH	31.9	-19.8	53.24	-	-	74	-20.76	99	203	H
	* 2.365	32.1	VA1T	31.9	-19.7	44.3	54	-9.7	-	-	99	203	H
3	* 2.78	36.28	PKFH	32.5	-19.6	49.18	-	-	74	-24.82	234	190	H
	* 2.777	25.23	VA1T	32.5	-19.6	38.13	54	-15.87	-	-	234	190	H
4	* 4.803	42.08	PKFH	34	-29.6	46.48	-	-	74	-27.52	129	105	H
	* 4.804	33.85	VA1T	34	-29.6	38.25	54	-15.75	-	-	129	105	H
5	* 4.804	42.48	PKFH	34	-29.6	46.88	-	-	74	-27.12	145	219	V
	* 4.804	33	VA1T	34	-29.6	37.4	54	-16.6	-	-	145	219	V
6	* 8.391	37.41	PKFH	35.7	-25.5	47.61	-	-	74	-26.39	330	146	V
	* 8.391	25.05	VA1T	35.7	-25.5	35.25	54	-18.75	-	-	330	146	V
2	2.439	40.85	PKFH	32.2	-19.7	53.35	-	-	-	-	97	244	H

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

PKFH - FHSS: RB=100k/1MHz VB=3 x RB, Peak

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

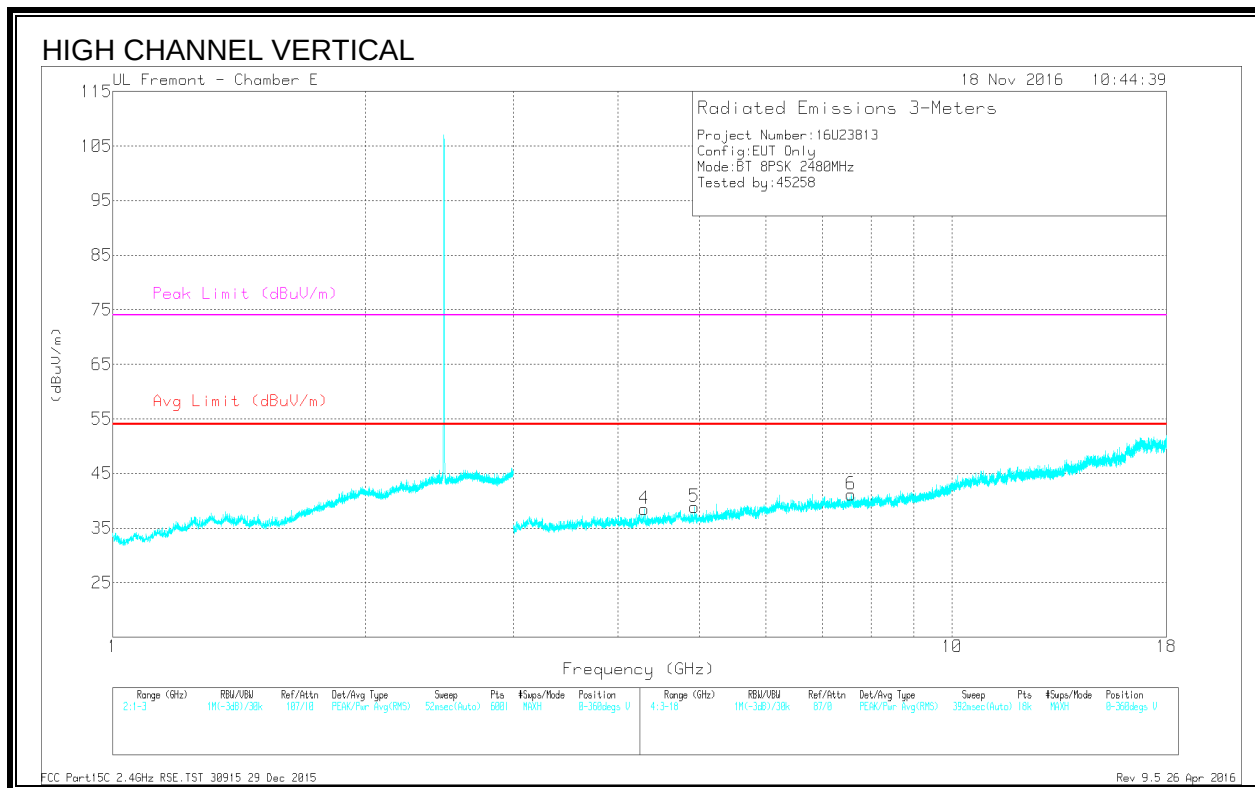
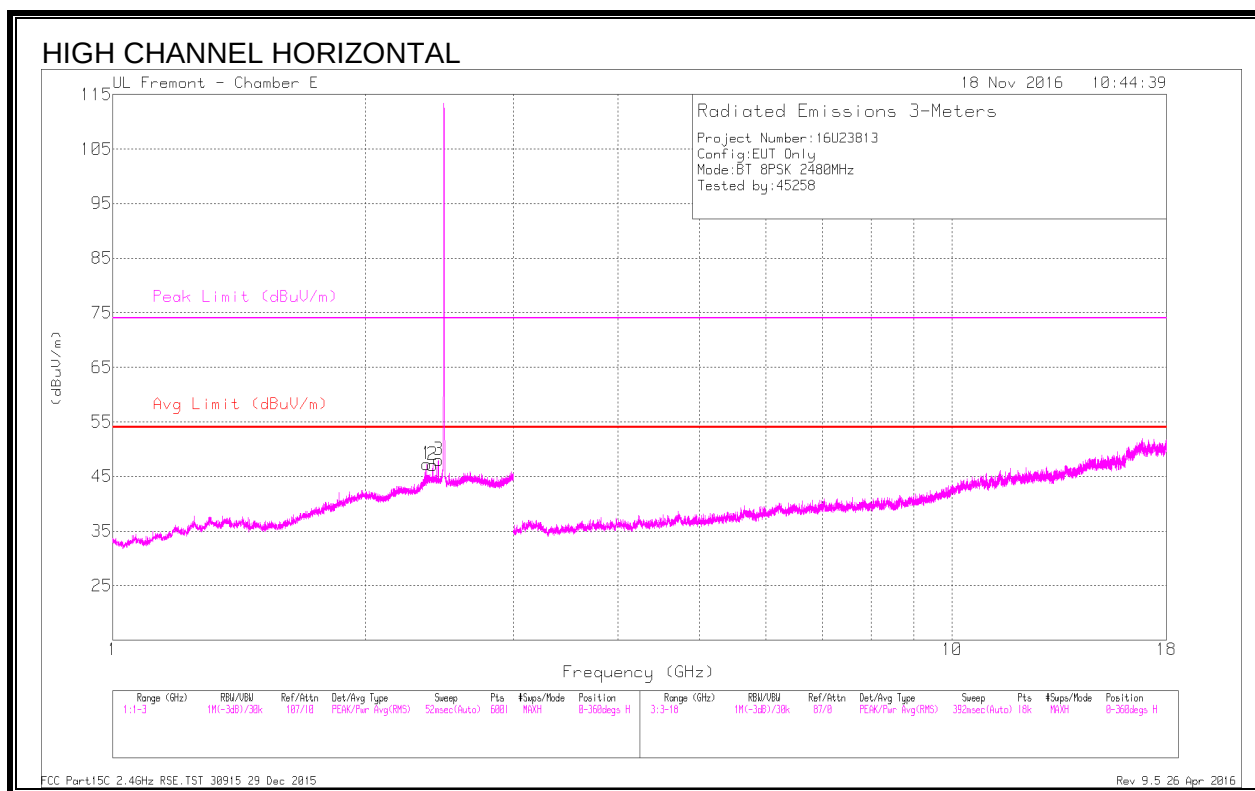


Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T711 (dB/m)	Amp/Cb/Filtr/ Pad (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
3	* 2.807	37.22	PKFH	32.4	-19.7	49.92	-	-	74	-24.08	163	165	H
	* 2.806	25.15	VA1T	32.4	-19.7	37.85	54	-16.15	-	-	163	165	H
4	* 3.984	38.84	PKFH	33.2	-29.4	42.64	-	-	74	-31.36	265	140	V
	* 3.984	27.92	VA1T	33.2	-29.4	31.72	54	-22.28	-	-	265	140	V
5	* 4.881	39.28	PKFH	34	-30.4	42.88	-	-	74	-31.12	329	198	V
	* 4.882	28.32	VA1T	34	-30.4	31.92	54	-22.08	-	-	329	198	V
6	* 9.416	36.71	PKFH	36.3	-25.4	47.61	-	-	74	-26.39	223	159	V
	* 9.414	25.31	VA1T	36.3	-25.4	36.21	54	-17.79	-	-	223	159	V
1	2.403	41.07	PKFH	32.2	-19.7	53.57	-	-	-	-	84	109	H
2	2.479	40.67	PKFH	32.3	-19.7	53.27	-	-	-	-	92	128	H

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

PKFH - FHSS: RB=100k/1MHz VB=3 x RB, Peak

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



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T711 (dB/m)	Amp/Cb/Filtr/ 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	* 2.368	40.32	PKFH	31.9	-19.8	52.42	-	-	74	-21.58	277	185	H
	* 2.368	29.5	VA1T	31.9	-19.8	41.6	54	-12.4	-	-	277	185	H
4	* 4.297	39.12	PKFH	33.3	-29.6	42.82	-	-	74	-31.18	328	169	V
	* 4.3	27.96	VA1T	33.3	-29.7	31.56	54	-22.44	-	-	328	169	V
5	* 4.933	40.88	PKFH	34	-30.5	44.38	-	-	74	-29.62	226	197	V
	* 4.933	28.52	VA1T	34	-30.5	32.02	54	-21.98	-	-	226	197	V
6	* 7.578	36.19	PKFH	35.6	-25.7	46.09	-	-	74	-27.91	120	152	V
	* 7.577	24.93	VA1T	35.6	-25.7	34.83	54	-19.17	-	-	120	152	V
2	2.405	40.71	PKFH	32.2	-19.7	53.21	-	-	-	-	276	175	H
3	2.442	40.15	PKFH	32.2	-19.6	52.75	-	-	-	-	281	151	H

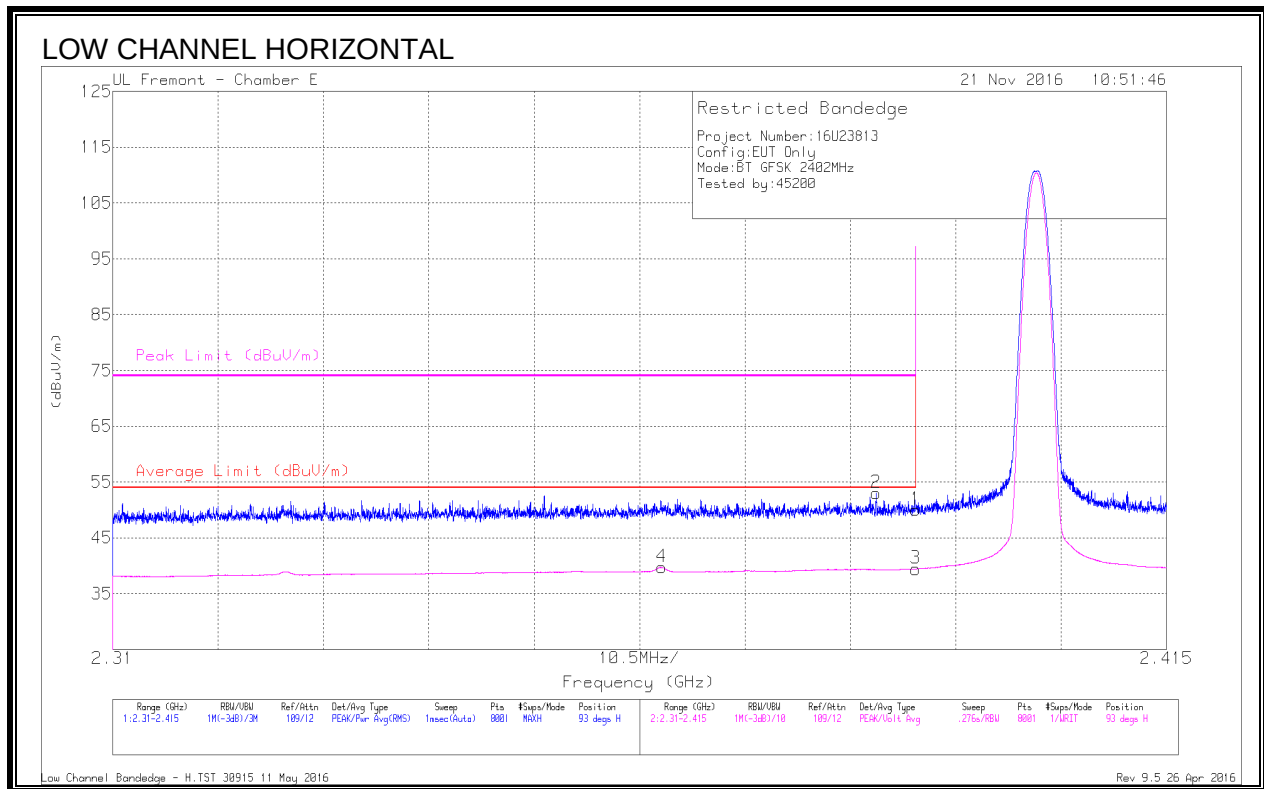
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

PKFH - FHSS: RB=100k/1MHz VB=3 x RB, Peak

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

9.4. LOW POWER BASIC DATA RATE GFSK MODULATION

9.4.1. RESTRICTED BANDEDGE (LOW CHANNEL)

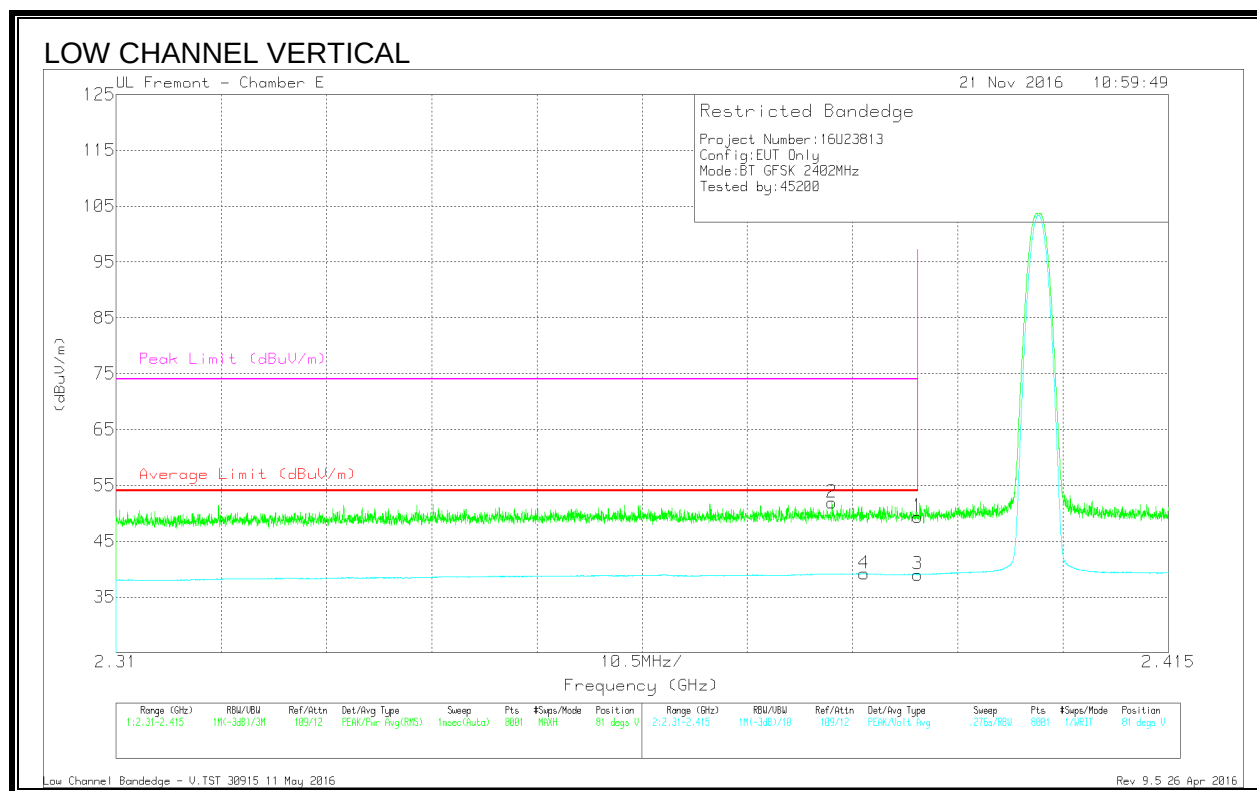


Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T711 (dB/m)	Amp/Cb/Filtr/Pad (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
4	* 2.365	27.49	VA1T	31.9	-19.7	39.69	54	-14.31	-	-	93	155	H
2	* 2.386	40.53	Pk	32.1	-19.6	53.03	-	-	74	-20.97	93	155	H
1	* 2.39	37.68	Pk	32.1	-19.7	50.08	-	-	74	-23.92	93	155	H
3	* 2.39	27.03	VA1T	32.1	-19.7	39.43	54	-14.57	-	-	93	155	H

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

Pk - Peak detector

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



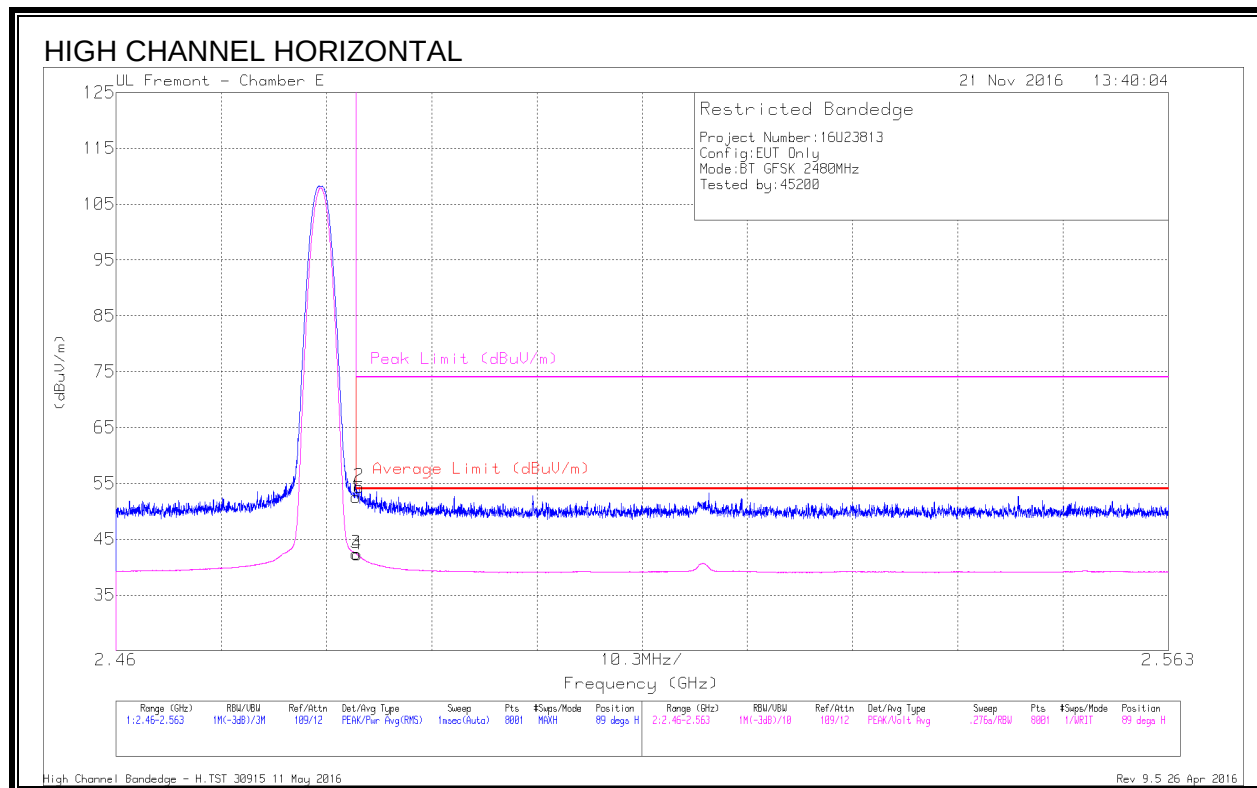
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T711 (dB/m)	Amp/Cb/Filtr/Pad (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
2	* 2.381	39.39	PK	32	-19.5	51.89	-	-	74	-22.11	81	114	V
4	* 2.385	26.59	VA1T	32.1	-19.5	39.19	54	-14.81	-	-	81	114	V
1	* 2.39	36.99	PK	32.1	-19.7	49.39	-	-	74	-24.61	81	114	V
3	* 2.39	26.63	VA1T	32.1	-19.7	39.03	54	-14.97	-	-	81	114	V

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

PK - Peak detector

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

9.4.2. AUTHORIZED BANDEGE (HIGH CHANNEL)

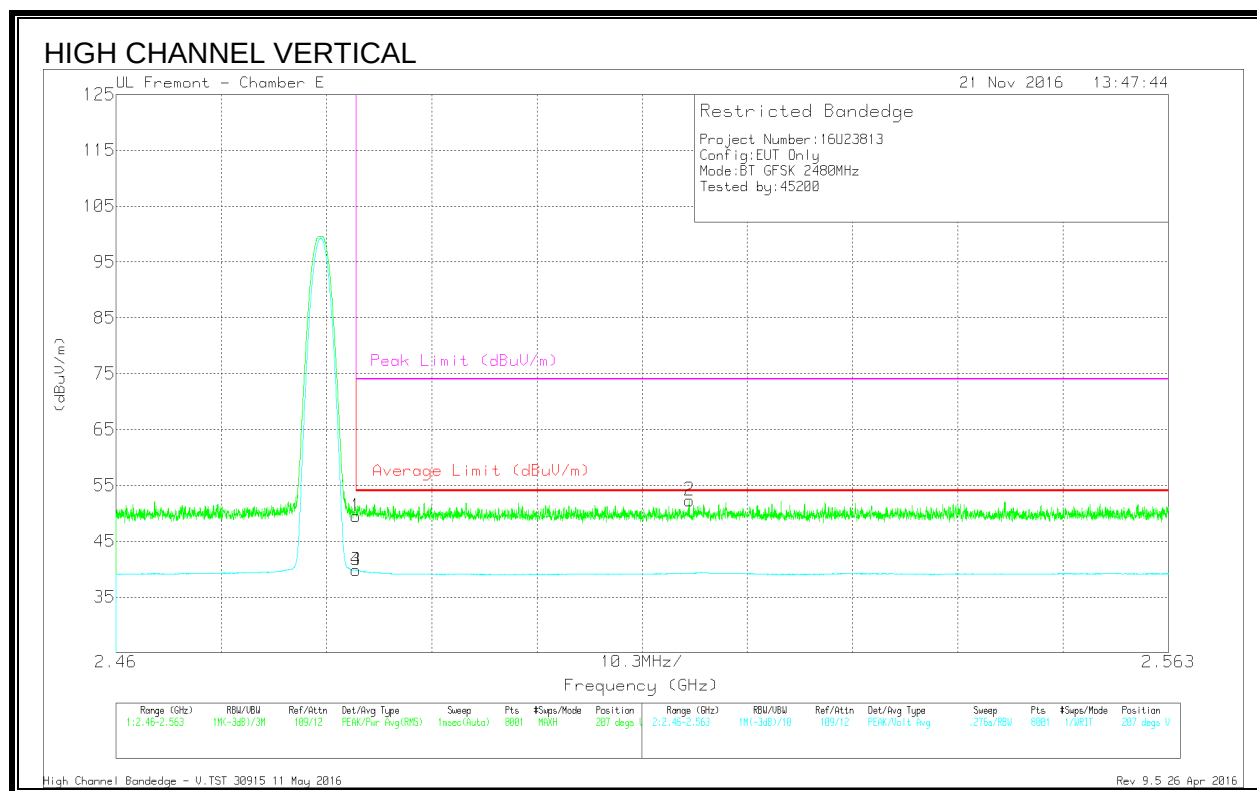


Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T711 (dB/m)	Amp/Cb/Fltr/Pad (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.484	39.91	Pk	32.3	-19.7	52.51	-	-	74	-21.49	89	243	H
2	* 2.484	41.81	Pk	32.3	-19.7	54.41	-	-	74	-19.59	89	243	H
3	* 2.484	29.84	VA1T	32.3	-19.7	42.44	54	-11.56	-	-	89	242	H
4	* 2.484	29.69	VA1T	32.3	-19.7	42.29	54	-11.71	-	-	89	242	H

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

Pk - Peak detector

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



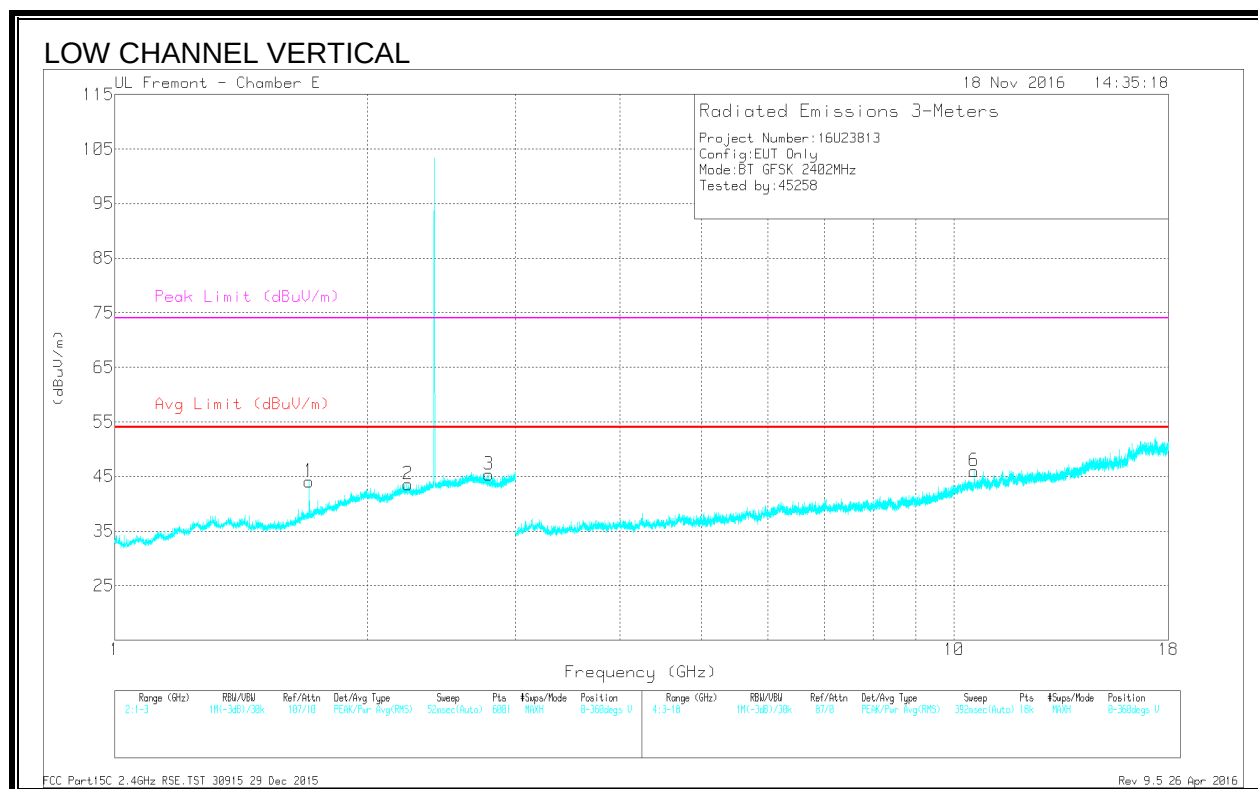
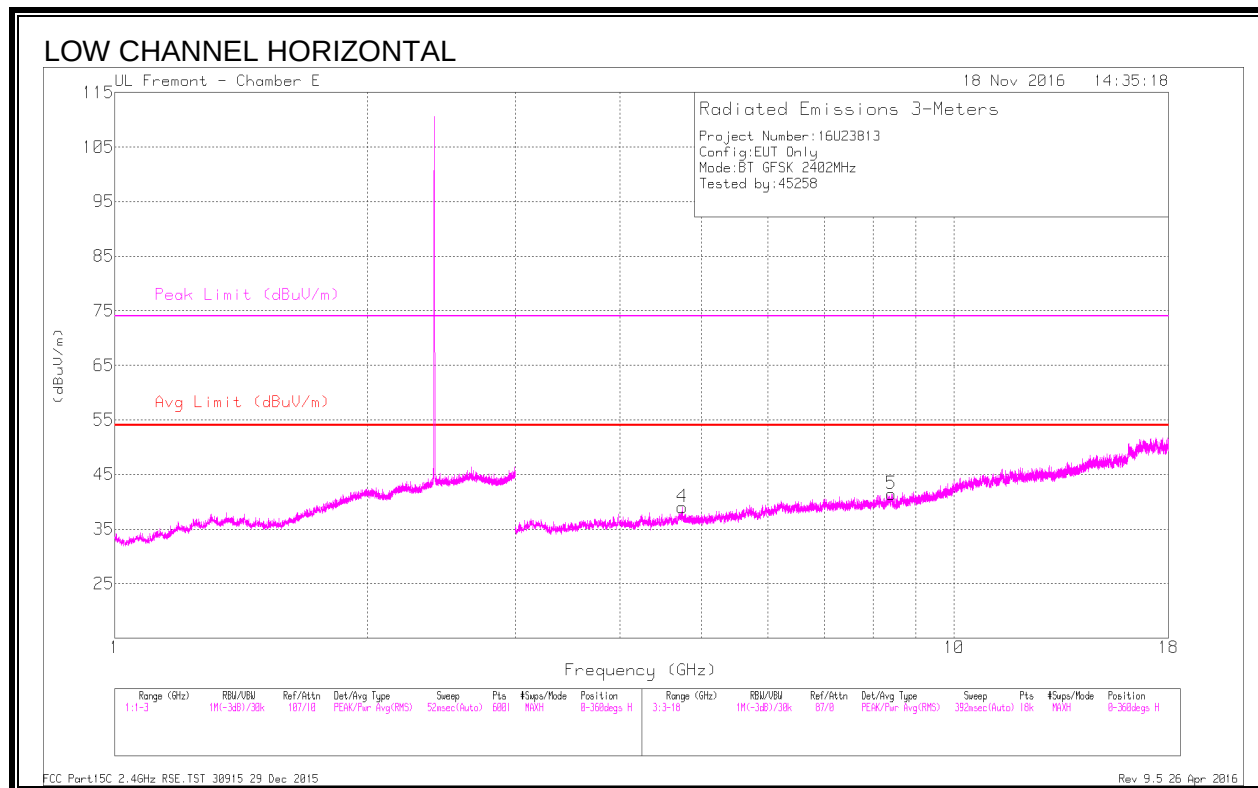
Marker	Frequ ncy (GHz)	Meter Readin g (dBuV)	Det	AF T711 (dB/m)	Amp/C bl/Filtr/ Pad (dB)	Correc ted Readin g (dBuV/ m)	Averag e Limit (dBuV/ m)	Margin (dB)	Peak Limit (dBuV/ m)	PK Margin (dB)	Azimet h (Degs)	Height (cm)	Polarit y
1	* 2.484	36.88	Pk	32.3	-19.7	49.48	-	-	74	-24.52	207	119	V
3	* 2.484	27.19	VA1T	32.3	-19.7	39.79	54	-14.21	-	-	207	119	V
4	* 2.484	27.2	VA1T	32.3	-19.7	39.8	54	-14.2	-	-	207	119	V
2	2.516	39.71	Pk	32.3	-19.7	52.31	-	-	74	-21.69	207	119	V

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

Pk - Peak detector

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

9.4.3. HARMONICS AND SPURIOUS EMISSIONS

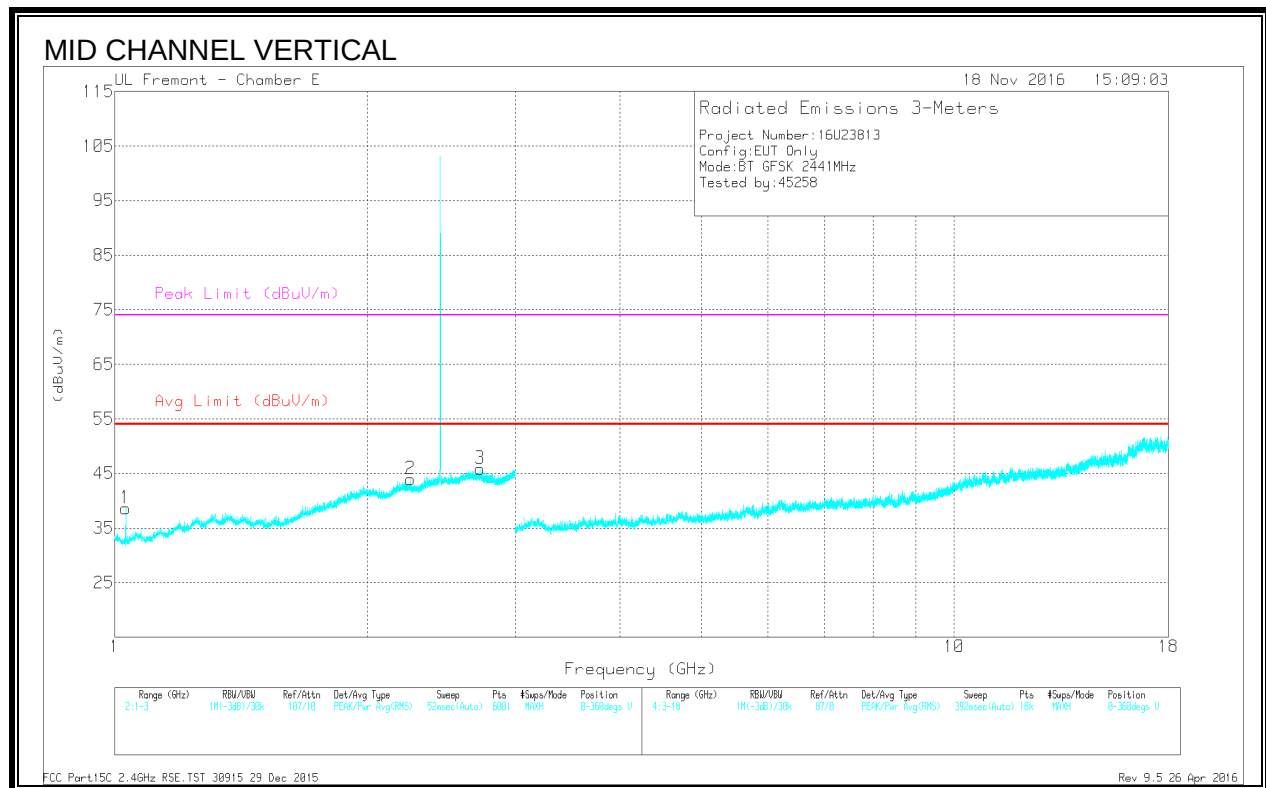
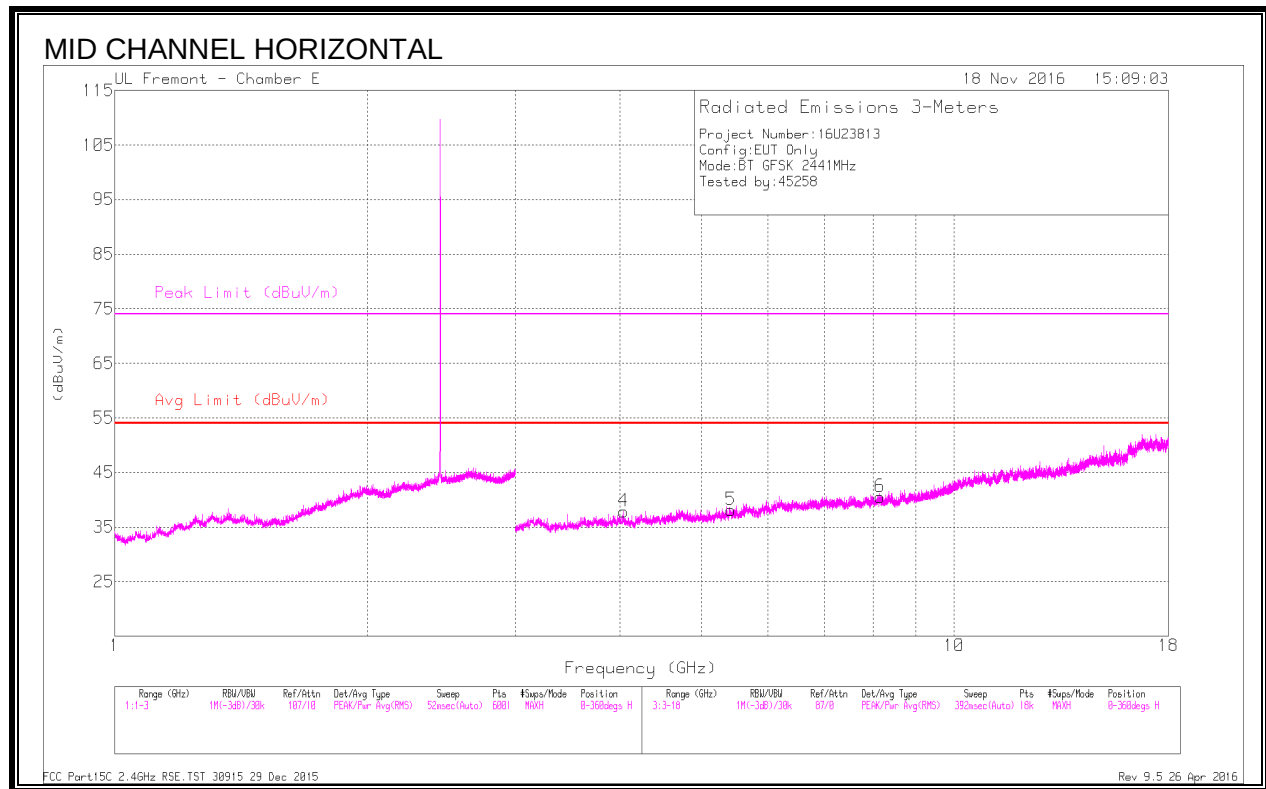


Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T711 (dB/m)	Amp/Cb/Filtr/ Pad (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 1.707	36.55	PKFH	29.2	-20.5	45.25	-	-	74	-28.75	154	326	V
	* 1.703	23.76	VA1T	29.2	-20.5	32.46	54	-21.54	-	-	154	326	V
2	* 2.236	36.03	PKFH	31.7	-19.4	48.33	-	-	74	-25.67	115	296	V
	* 2.237	24.63	VA1T	31.7	-19.4	36.93	54	-17.07	-	-	115	296	V
3	* 2.79	36.34	PKFH	32.4	-19.7	49.04	-	-	74	-24.96	185	318	V
	* 2.79	25.25	VA1T	32.4	-19.7	37.95	54	-16.05	-	-	185	318	V
4	* 4.742	39.94	PKFH	34	-29	44.94	-	-	74	-29.06	111	187	H
	* 4.741	27.86	VA1T	34	-28.9	32.96	54	-21.04	-	-	111	187	H
5	* 8.424	36.03	PKFH	35.7	-25.4	46.33	-	-	74	-27.67	50	142	H
	* 8.424	25.01	VA1T	35.7	-25.4	35.31	54	-18.69	-	-	50	142	H
6	10.563	35.83	PKFH	37.9	-22.8	50.93	-	-	-	-	196	347	V

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

PKFH - FHSS: RB=100k/1MHz VB=3 x RB, Peak

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

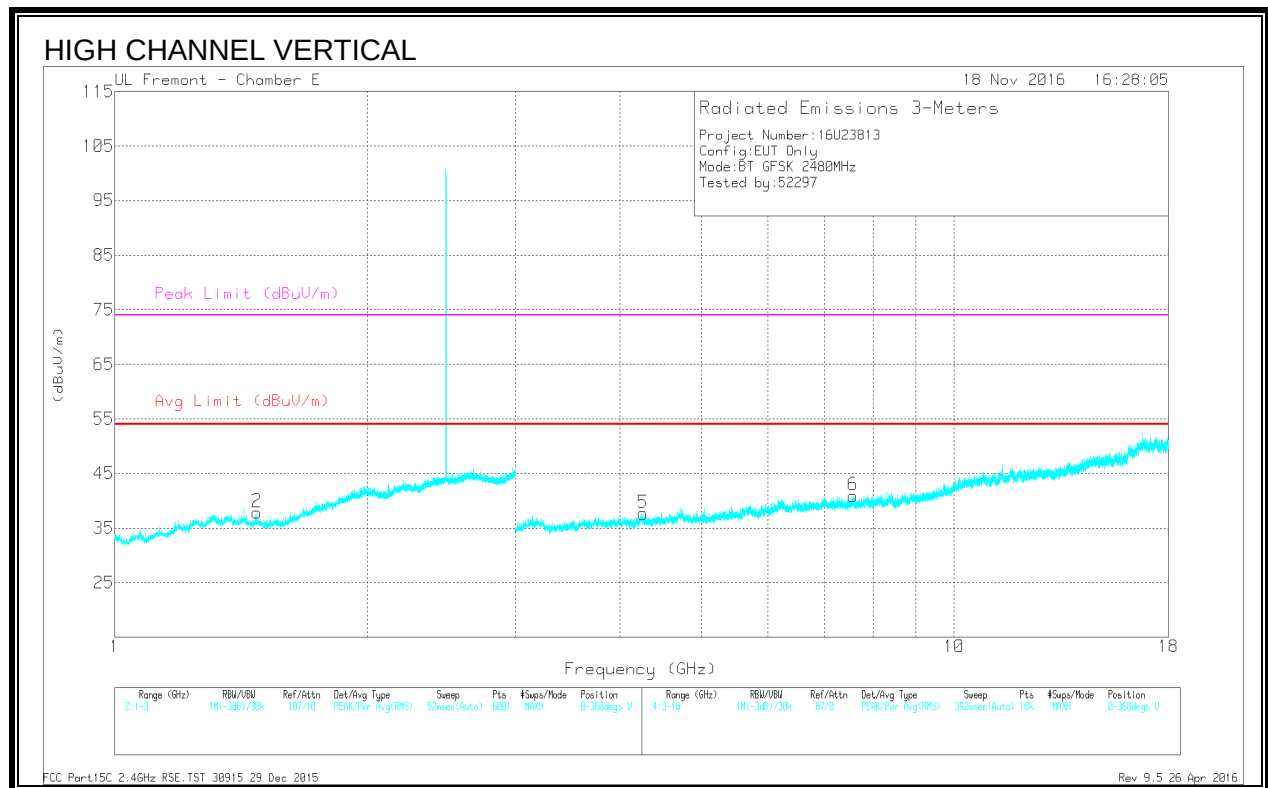
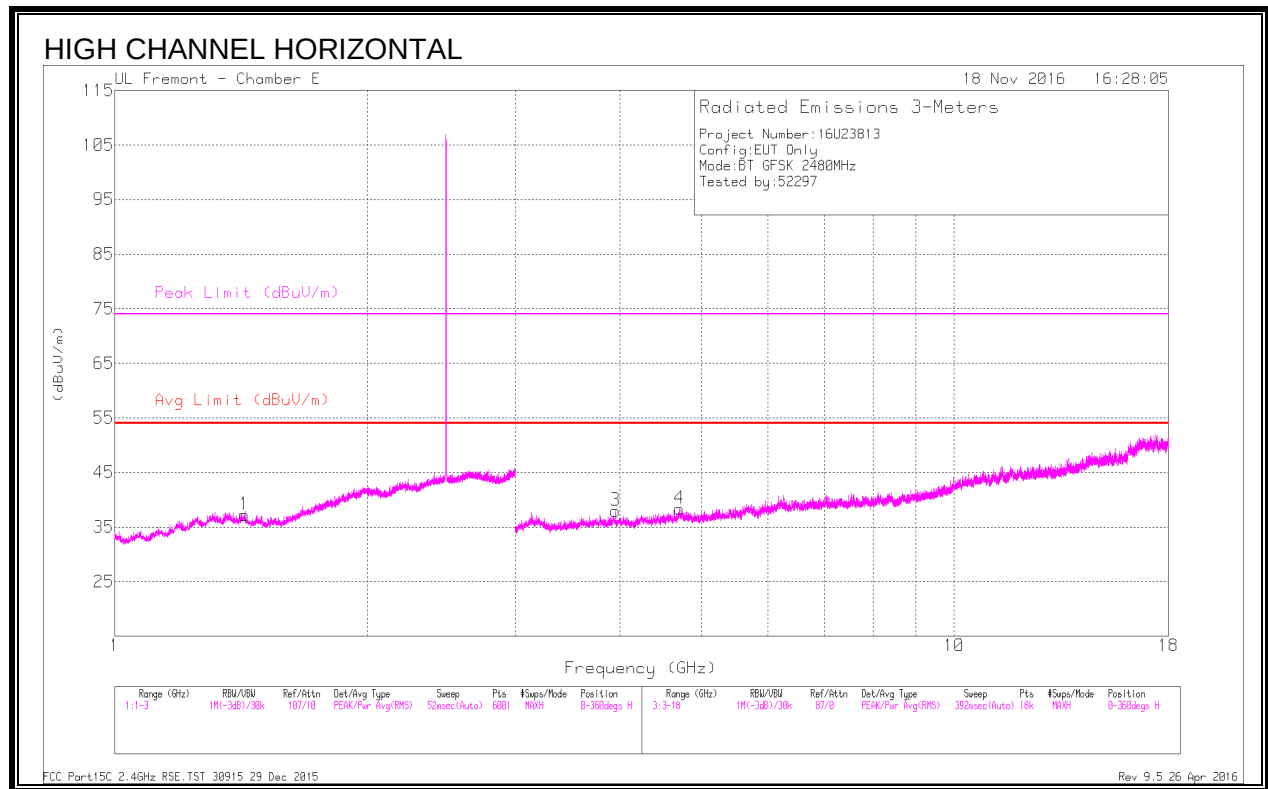


Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T711 (dB/m)	Amp/Cb/Filtr/Pad (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarization
1	* 1.031	35.27	PKFH	27.5	-23.5	39.27	-	-	74	-34.73	224	390	V
	* 1.028	23.52	VA1T	27.5	-23.7	27.32	54	-26.68	-	-	224	390	V
3	* 2.723	36.55	PKFH	32.5	-19.3	49.75	-	-	74	-24.25	352	371	V
	* 2.723	25.27	VA1T	32.5	-19.3	38.47	54	-15.53	-	-	352	371	V
2	* 2.252	35.44	PKFH	31.6	-19.8	47.24	-	-	74	-26.76	334	355	V
	* 2.25	24.59	VA1T	31.6	-19.7	36.49	54	-17.51	-	-	334	355	V
4	* 4.038	40.2	PKFH	33.2	-30.3	43.1	-	-	74	-30.9	254	308	H
	* 4.036	28.61	VA1T	33.2	-30.4	31.41	54	-22.59	-	-	254	308	H
5	* 5.422	39.22	PKFH	34.4	-29.7	43.92	-	-	74	-30.08	69	253	H
	* 5.422	27.9	VA1T	34.4	-29.6	32.7	54	-21.3	-	-	69	253	H
6	* 8.165	37.12	PKFH	35.7	-25.7	47.12	-	-	74	-26.88	156	212	H
	* 8.166	25.22	VA1T	35.7	-25.7	35.22	54	-18.78	-	-	156	212	H

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

PKFH - FHSS: RB=100k/1MHz VB=3 x RB, Peak

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



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T711 (dB/m)	Amp/Cb/Filtr/Pad (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarization
1	* 1.426	34.62	PKFH	28.7	-21	42.32	-	-	74	-31.68	0	158	H
	* 1.427	23.9	VA1T	28.7	-21	31.6	54	-22.4	-	-	0	158	H
2	* 1.478	35.03	PKFH	28	-20.9	42.13	-	-	74	-31.87	244	167	V
	* 1.479	23.95	VA1T	28	-21	30.95	54	-23.05	-	-	244	167	V
3	* 3.948	39.52	PKFH	33.2	-29.4	43.32	-	-	74	-30.68	310	147	H
	* 3.949	27.35	VA1T	33.2	-29.4	31.15	54	-22.85	-	-	310	147	H
4	* 4.706	39.51	PKFH	34	-29.3	44.21	-	-	74	-29.79	139	307	H
	* 4.707	28.19	VA1T	34	-29.3	32.89	54	-21.11	-	-	139	307	H
5	* 4.262	39.23	PKFH	33.3	-29.1	43.43	-	-	74	-30.57	200	228	V
	* 4.26	27.3	VA1T	33.3	-29	31.6	54	-22.4	-	-	200	228	V
6	* 7.582	36.18	PKFH	35.6	-25.7	46.08	-	-	74	-27.92	327	375	V
	* 7.582	24.97	VA1T	35.6	-25.7	34.87	54	-19.13	-	-	327	375	V

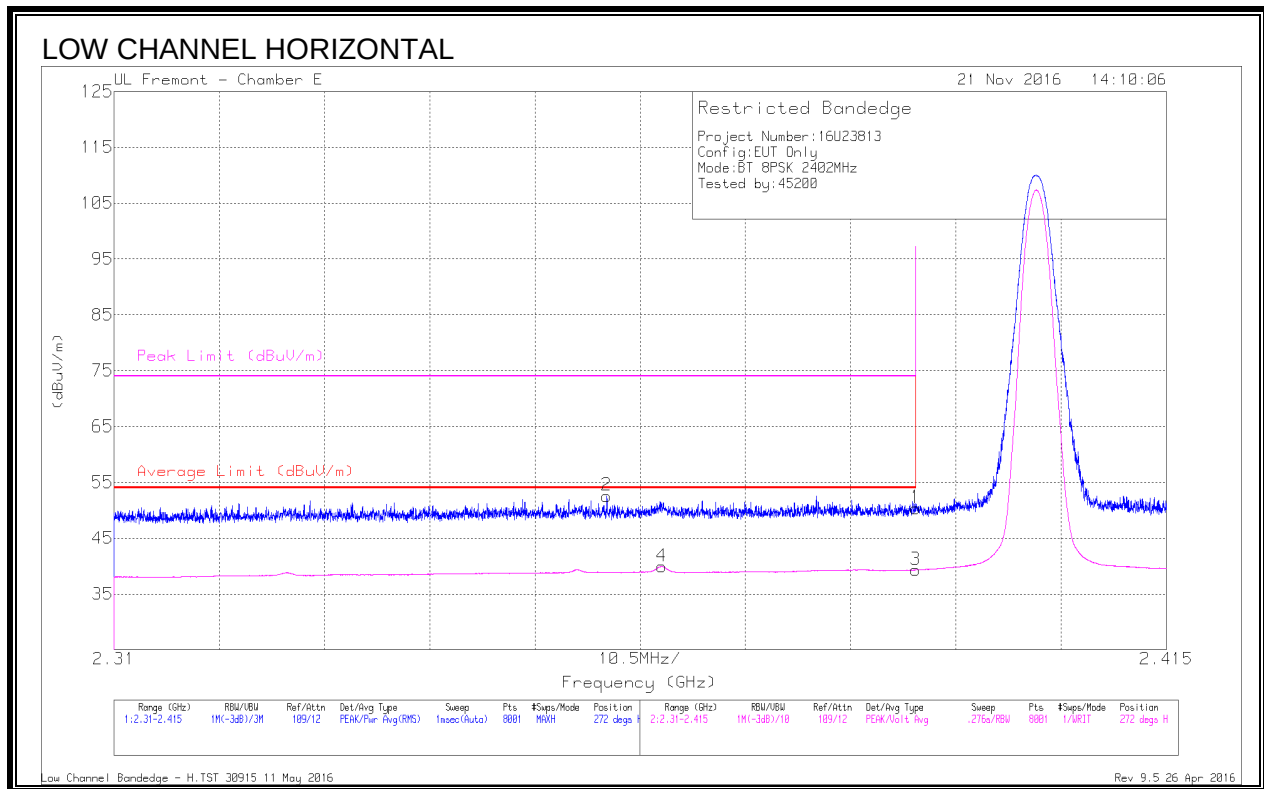
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

PKFH - FHSS: RB=100k/1MHz VB=3 x RB, Peak

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

9.5. LOW POWER ENHANCED DATA RATE 8PSK MODULATION

9.5.1. RESTRICTED BANDEDGE (LOW CHANNEL)

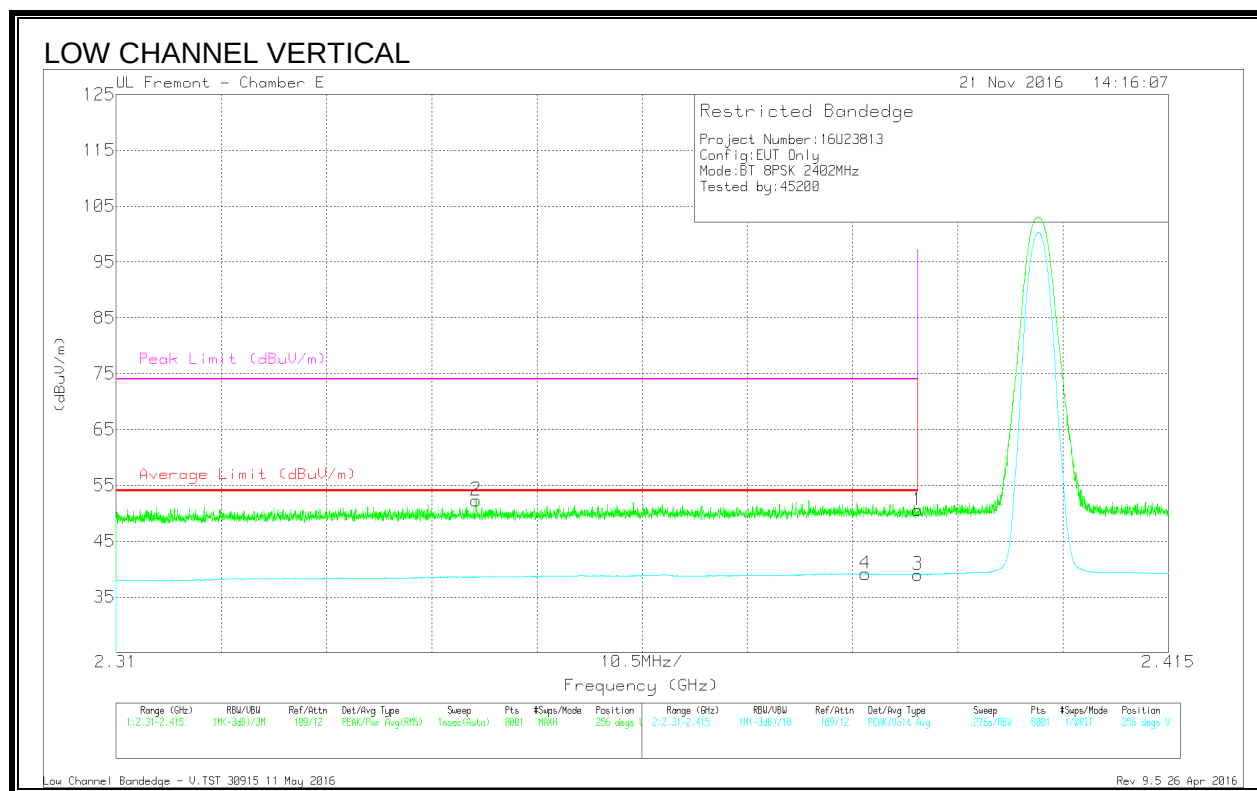


Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T711 (dB/m)	Amp/Cb/Filtr/ Pad (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
2	* 2.359	40.39	Pk	31.9	-19.7	52.59	-	-	74	-21.41	272	175	H
4	* 2.365	27.75	VA1T	31.9	-19.7	39.95	54	-14.05	-	-	272	175	H
1	* 2.39	37.96	Pk	32.1	-19.7	50.36	-	-	74	-23.64	272	175	H
3	* 2.39	26.9	VA1T	32.1	-19.7	39.3	54	-14.7	-	-	272	175	H

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

Pk - Peak detector

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



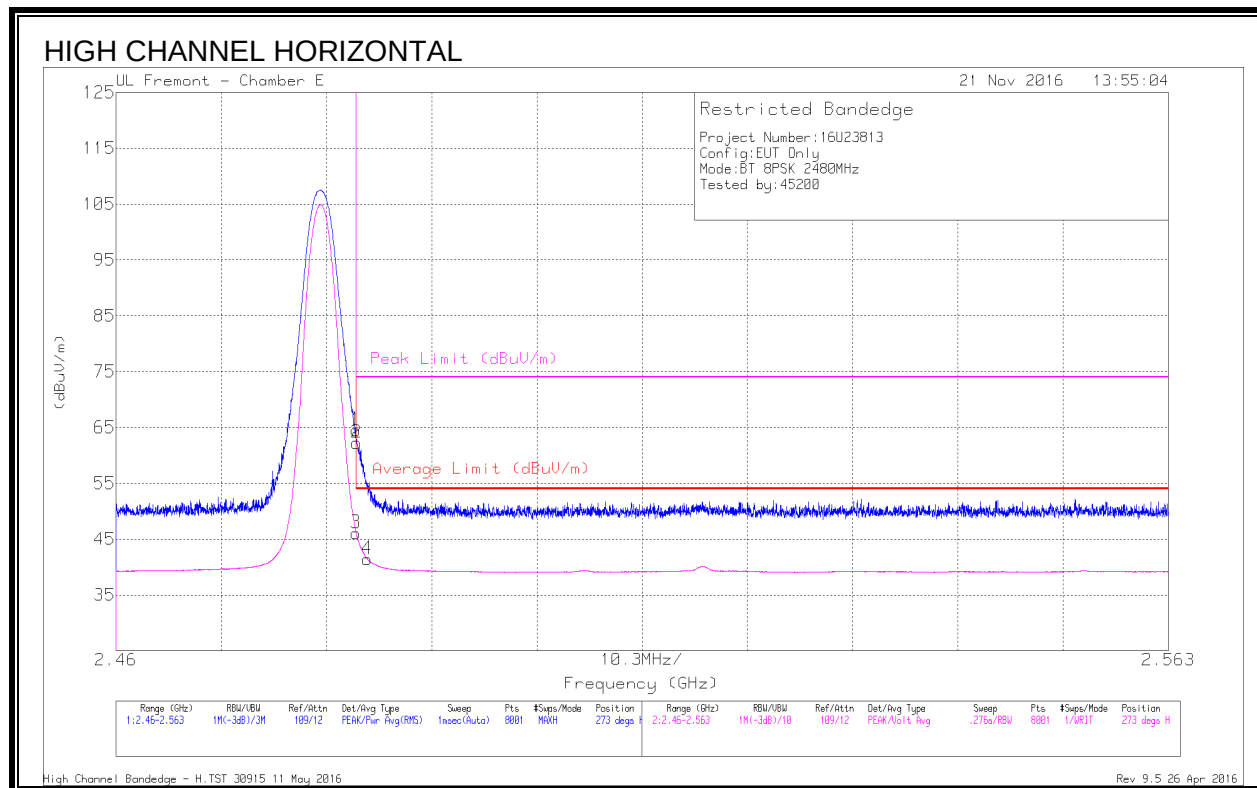
Marker	Frequ ncy (GHz)	Meter Readin g (dBuV)	Det	AF T711 (dB/m)	Amp/C bl/Fitr/ Pad (dB)	Correc ted Readin g (dBuV/ m)	Averag e Limit (dBuV/ m)	Margin (dB)	Peak Limit (dBuV/ m)	PK Margin (dB)	Azimet h (Degs)	Height (cm)	Polarit y
2	* 2.346	40.32	PK	31.8	-19.8	52.32	-	-	74	-21.68	256	114	V
4	* 2.385	26.56	VA1T	32.1	-19.5	39.16	54	-14.84	-	-	256	113	V
1	* 2.39	38.14	PK	32.1	-19.7	50.54	-	-	74	-23.46	256	114	V
3	* 2.39	26.61	VA1T	32.1	-19.7	39.01	54	-14.99	-	-	256	113	V

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

PK - Peak detector

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

9.5.2. AUTHORIZED BANDEGE (HIGH CHANNEL)

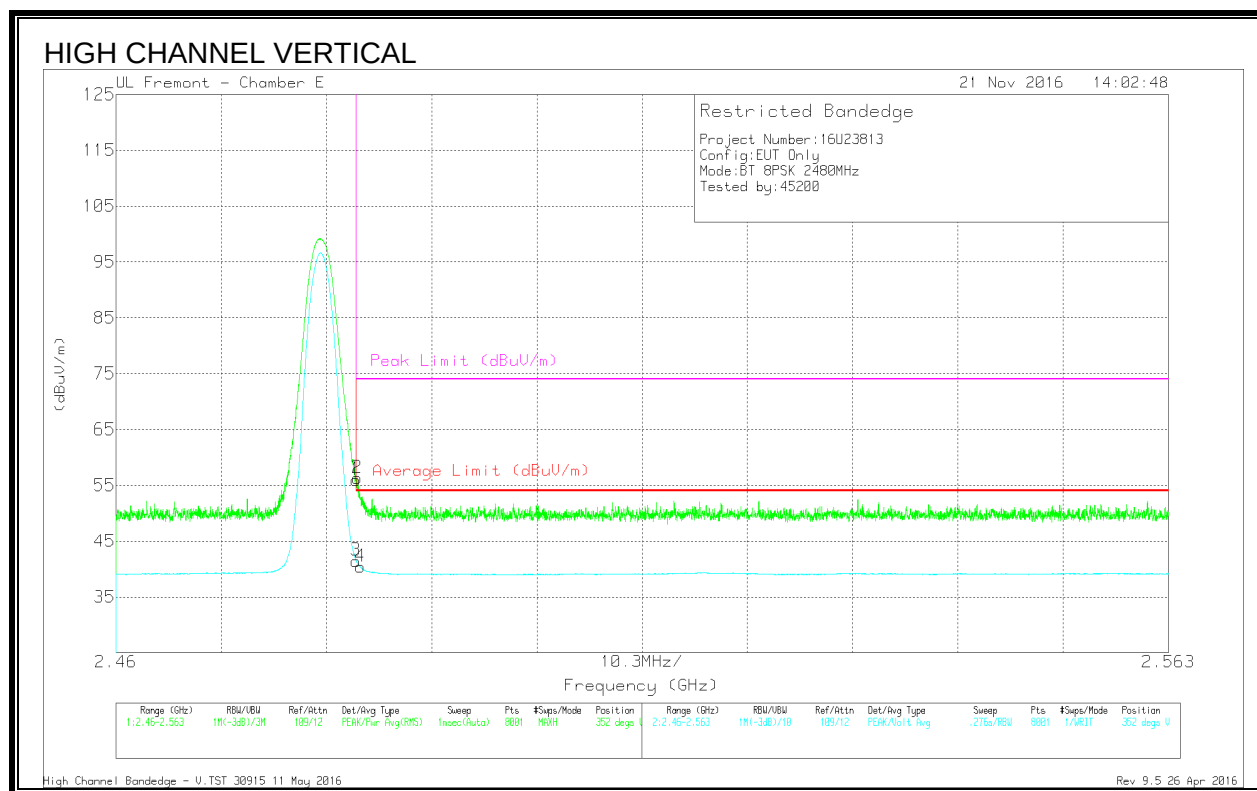


Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T711 (dB/m)	Amp/Cb/Fltr/Pad (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.484	51.96	Pk	32.3	-19.7	64.56	-	-	74	-9.44	273	244	H
2	* 2.484	49.65	Pk	32.3	-19.7	62.25	-	-	74	-11.75	273	244	H
3	* 2.484	33.49	VA1T	32.3	-19.7	46.09	54	-7.91	-	-	273	244	H
4	* 2.485	28.84	VA1T	32.3	-19.7	41.44	54	-12.56	-	-	273	244	H

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

Pk - Peak detector

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



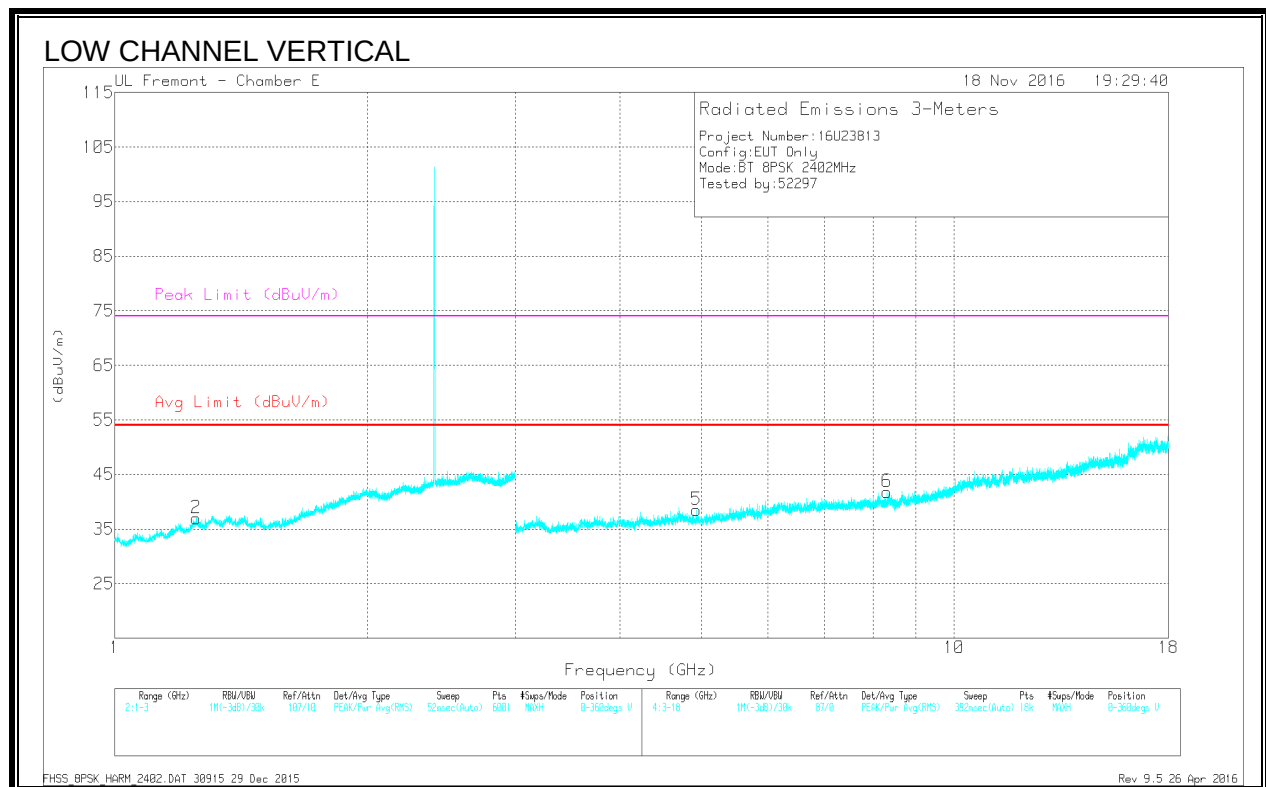
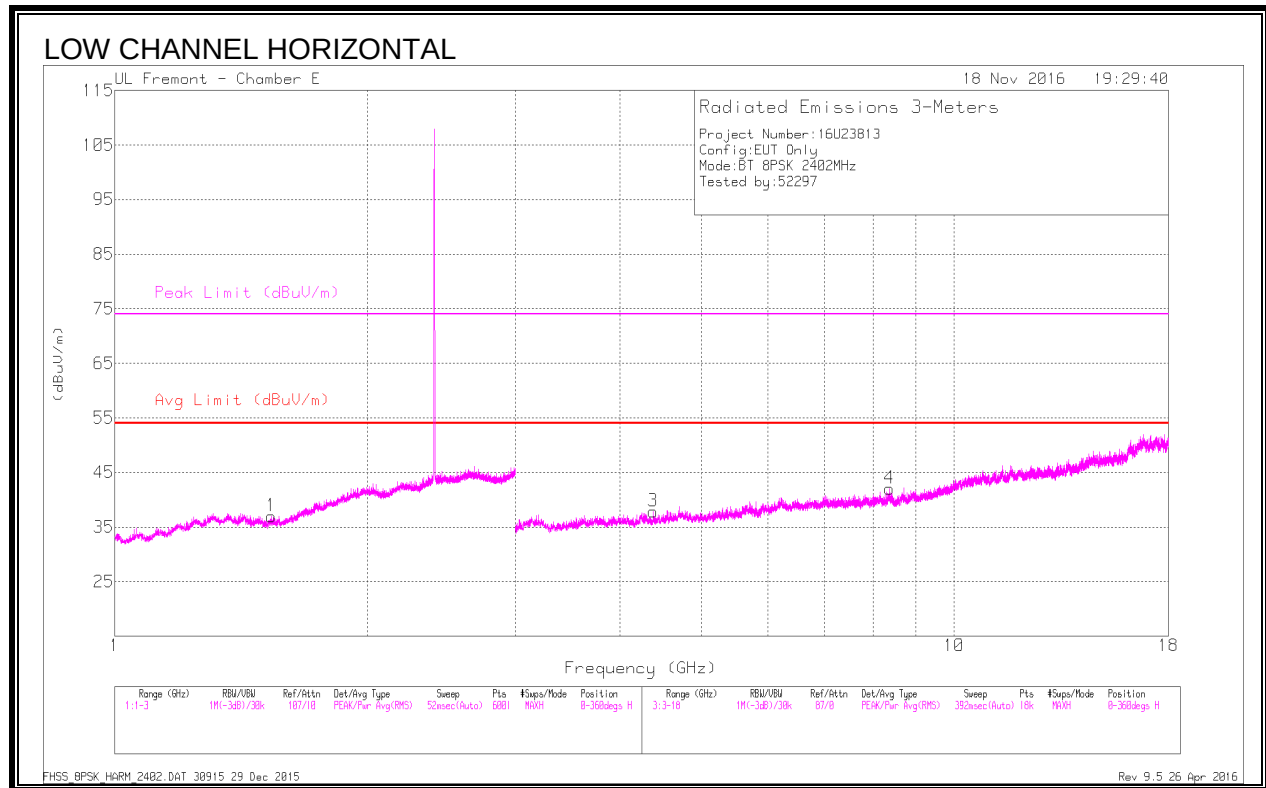
Marker	Frequ ncy (GHz)	Meter Readin g (dBuV)	Det	AF T711 (dB/m)	Amp/C bl/Filtr/ Pad (dB)	Correc ted Readin g (dBuV/ m)	Averag e Limit (dBuV/ m)	Margin (dB)	Peak Limit (dBuV/ m)	PK Margin (dB)	Azimet h (Degs)	Height (cm)	Polarit y
1	* 2.484	43.38	Pk	32.3	-19.7	55.98	-	-	74	-18.02	352	238	V
2	* 2.484	43.7	Pk	32.3	-19.7	56.3	-	-	74	-17.7	352	238	V
3	* 2.484	28.87	VA1T	32.3	-19.7	41.47	54	-12.53	-	-	352	238	V
4	* 2.484	27.81	VA1T	32.3	-19.7	40.41	54	-13.59	-	-	352	238	V

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

Pk - Peak detector

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

9.5.3. HARMONICS AND SPURIOUS EMISSIONS

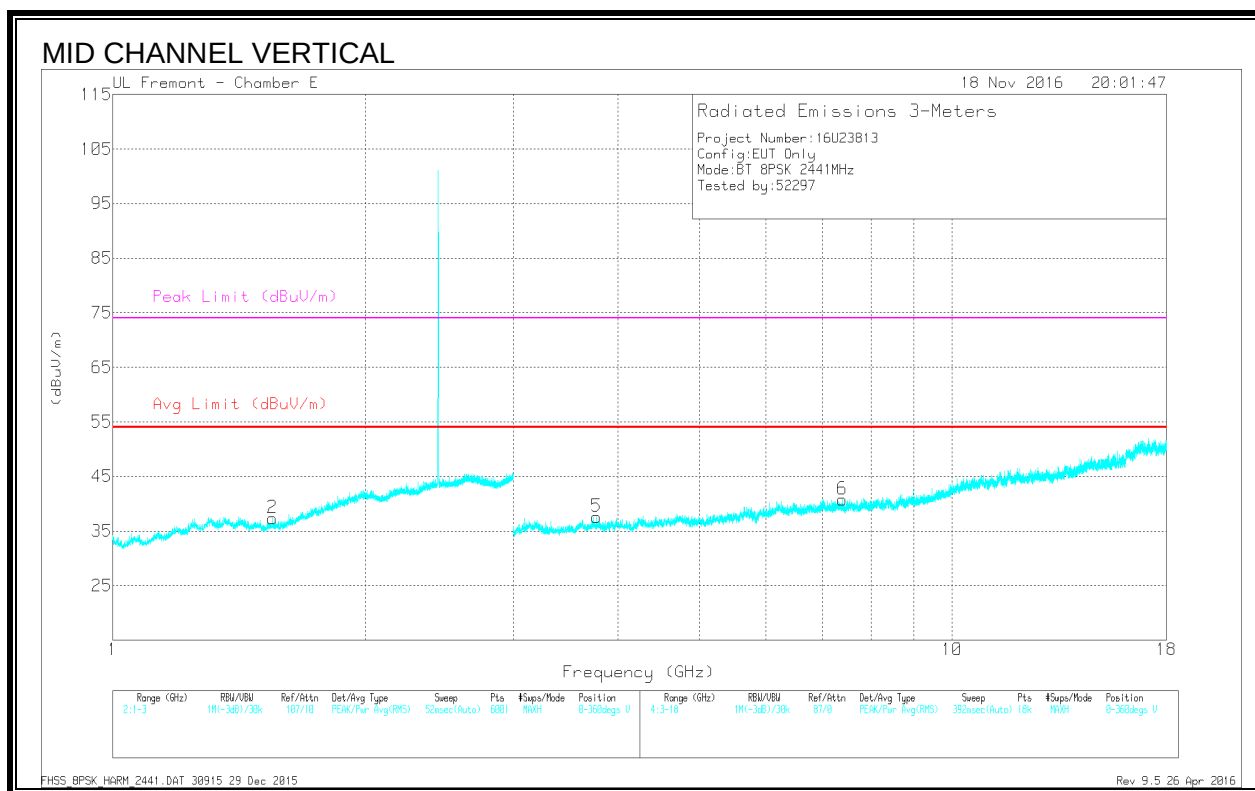
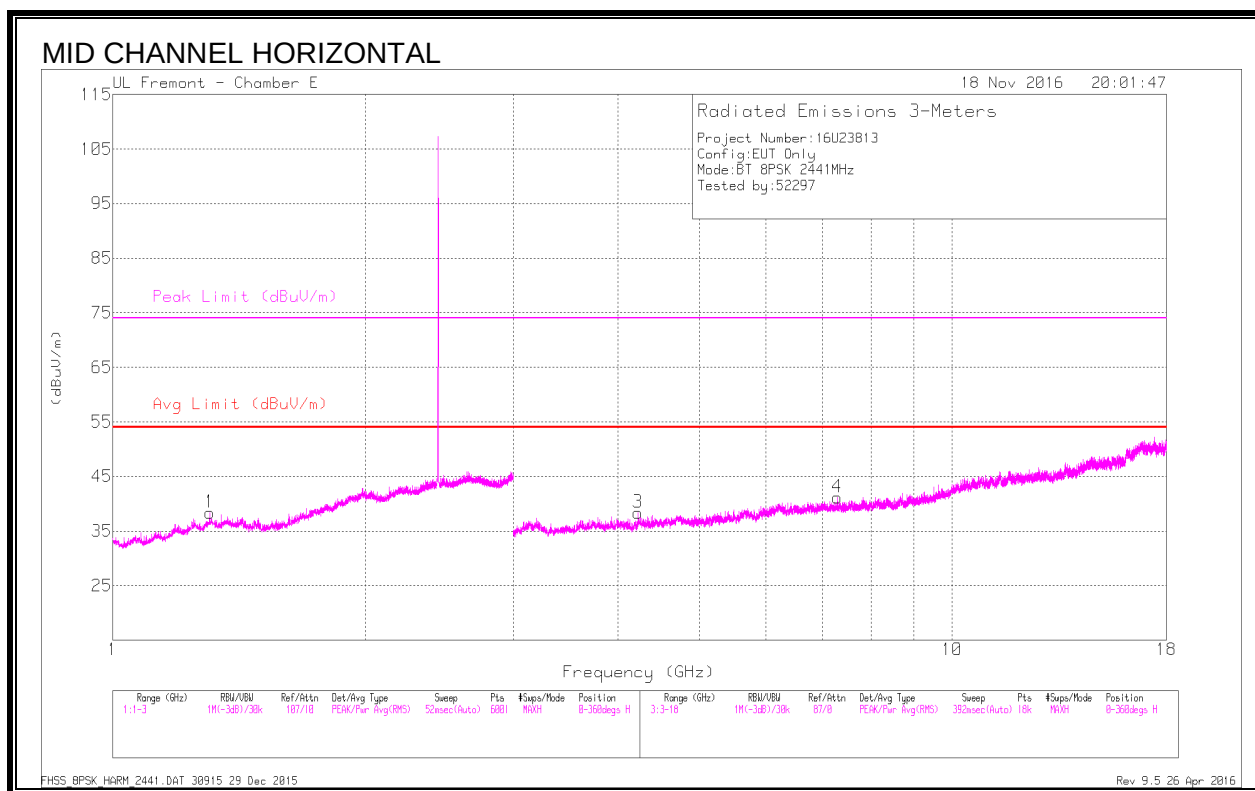


Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T711 (dB/m)	Amp/Cb/Filtr/Pad (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 1.539	34.78	PKFH	27.8	-21	41.58	-	-	74	-32.42	79	173	H
	* 1.538	23.85	VA1T	27.8	-20.9	30.75	54	-23.25	-	-	79	173	H
2	* 1.253	35.15	PKFH	29	-21.9	42.25	-	-	74	-31.75	252	386	V
	* 1.251	24.1	VA1T	29	-21.9	31.2	54	-22.8	-	-	252	386	V
3	* 4.378	39.68	PKFH	33.7	-30.7	42.68	-	-	74	-31.32	156	263	H
	* 4.377	28.6	VA1T	33.7	-30.7	31.6	54	-22.4	-	-	156	263	H
4	* 8.369	36.84	PKFH	35.7	-25.5	47.04	-	-	74	-26.96	107	223	H
	* 8.368	25.49	VA1T	35.7	-25.5	35.69	54	-18.31	-	-	107	223	H
5	* 4.927	39.37	PKFH	34	-30.5	42.87	-	-	74	-31.13	132	115	V
	* 4.925	28.37	VA1T	34	-30.5	31.87	54	-22.13	-	-	132	115	V
6	* 8.321	37.19	PKFH	35.7	-26.7	46.19	-	-	74	-27.81	172	343	V
	* 8.319	26.16	VA1T	35.7	-26.7	35.16	54	-18.84	-	-	172	343	V

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

PKFH - FHSS: RB=100k/1MHz VB=3 x RB, Peak

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

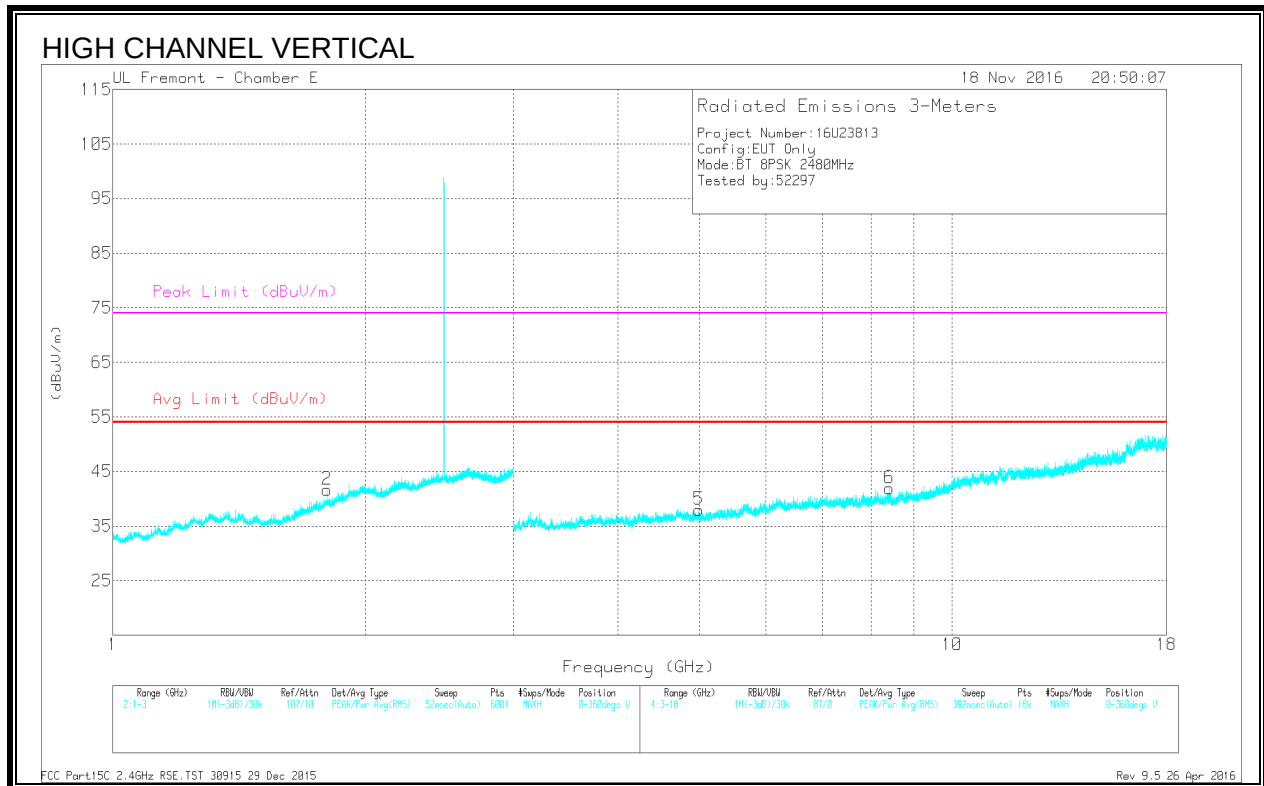
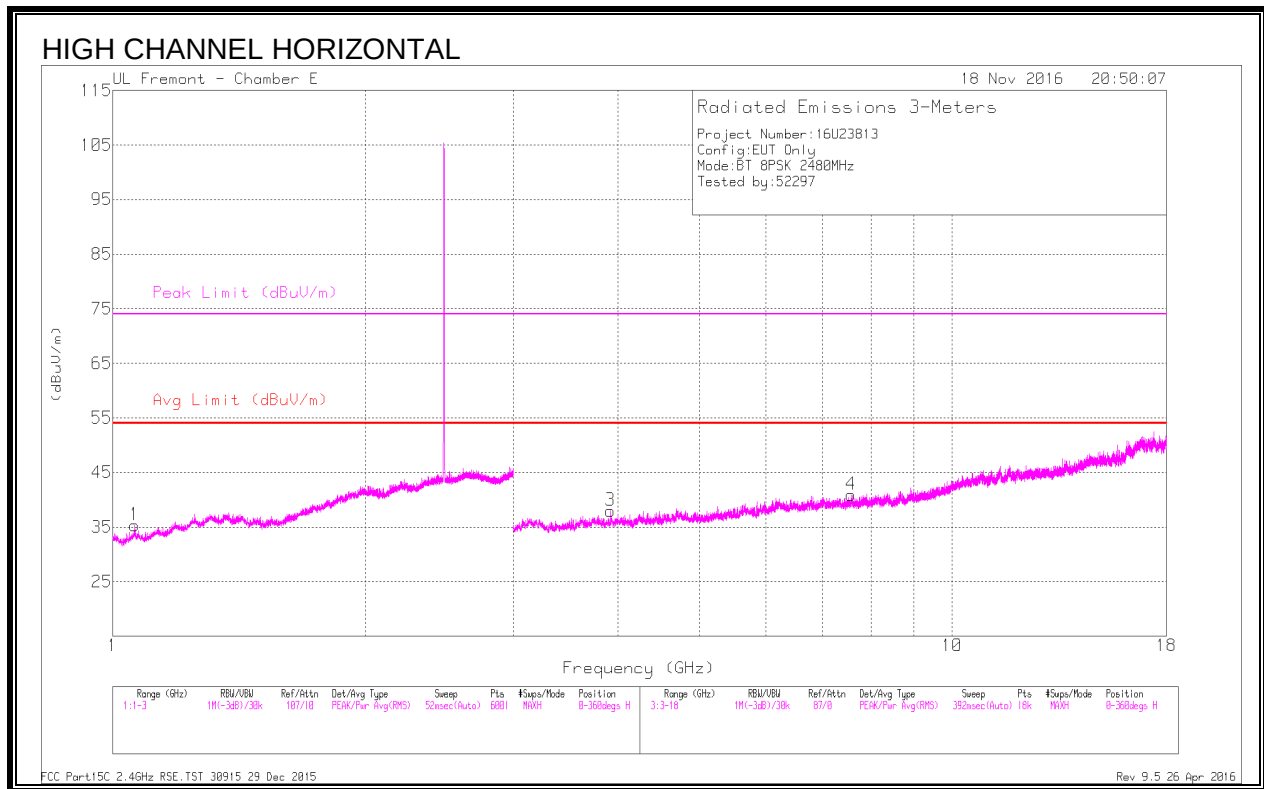


Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T711 (dB/m)	Amp/Cb/Filtr/Pad (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 1.307	35.87	PKFH	29.3	-21.7	43.47	-	-	74	-30.53	196	129	H
	* 1.306	24.07	VA1T	29.3	-21.8	31.57	54	-22.43	-	-	196	129	H
2	* 1.55	35.38	PKFH	27.8	-20.8	42.38	-	-	74	-31.62	44	159	V
	* 1.548	23.88	VA1T	27.8	-20.8	30.88	54	-23.12	-	-	44	159	V
3	* 4.226	38.97	PKFH	33.3	-29.1	43.17	-	-	74	-30.83	105	120	H
	* 4.227	27.63	VA1T	33.3	-29.1	31.83	54	-22.17	-	-	105	120	H
4	* 7.294	37.29	PKFH	35.6	-26.2	46.69	-	-	74	-27.31	332	311	H
	* 7.294	25.41	VA1T	35.6	-26.2	34.81	54	-19.19	-	-	332	311	H
5	* 3.769	39.11	PKFH	33.1	-30.3	41.91	-	-	74	-32.09	245	218	V
	* 3.772	28.35	VA1T	33.1	-30.3	31.15	54	-22.85	-	-	245	218	V
6	* 7.393	39.4	PKFH	35.6	-27.7	47.3	-	-	74	-26.7	311	354	V
	* 7.394	26.74	VA1T	35.6	-27.7	34.64	54	-19.36	-	-	311	354	V

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

PKFH - FHSS: RB=100k/1MHz VB=3 x RB, Peak

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



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T711 (dB/m)	Amp/Cb/Fltr/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	* 1.062	35.67	PKFH	27.6	-23	40.27	-	-	74	-33.73	171	345	H
	* 1.063	24.16	VA1T	27.6	-23	28.76	54	-25.24	-	-	171	345	H
3	* 3.916	39.65	PKFH	33.3	-29.9	43.05	-	-	74	-30.95	306	276	H
	* 3.917	27.99	VA1T	33.3	-29.9	31.39	54	-22.61	-	-	306	276	H
4	* 7.574	36.53	PKFH	35.6	-25.9	46.23	-	-	74	-27.77	163	223	H
	* 7.574	25	VA1T	35.6	-25.9	34.7	54	-19.3	-	-	163	223	H
5	* 4.99	39.38	PKFH	33.9	-30.1	43.18	-	-	74	-30.82	204	157	V
	* 4.99	28.28	VA1T	33.9	-30.1	32.08	54	-21.92	-	-	204	157	V
6	* 8.416	36.68	PKFH	35.7	-25.2	47.18	-	-	74	-26.82	302	351	V
	* 8.418	25.08	VA1T	35.7	-25.3	35.48	54	-18.52	-	-	302	351	V
2	1.8	36.09	PKFH	30.5	-20.5	46.09	-	-	-	-	103	184	V

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

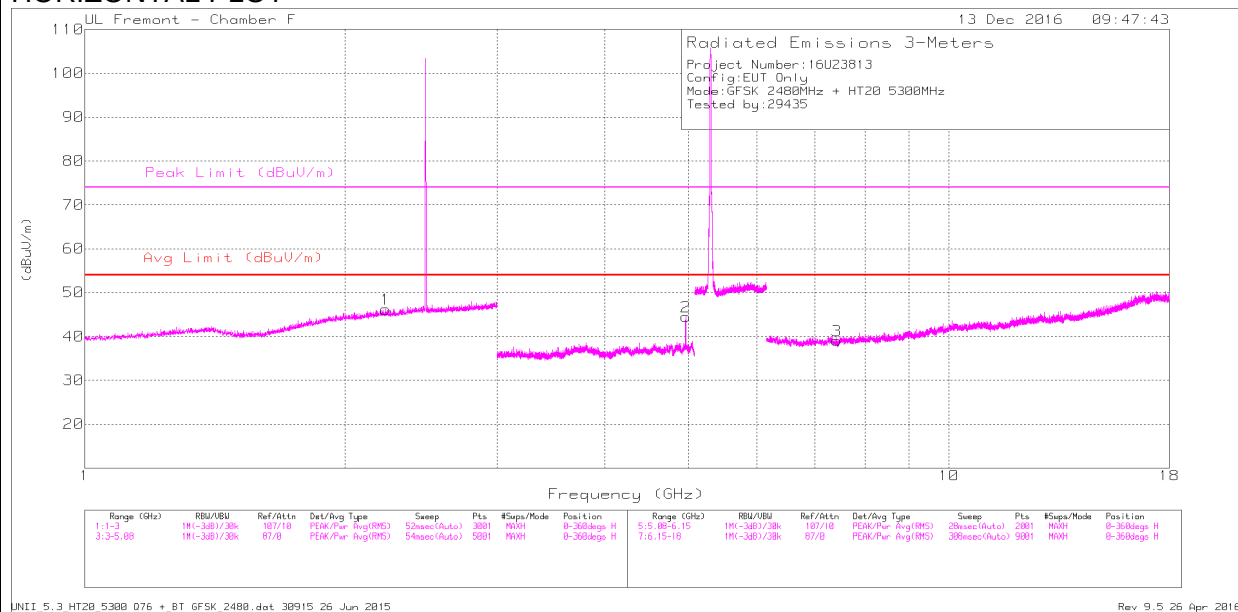
PKFH - FHSS: RB=100k/1MHz VB=3 x RB, Peak

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

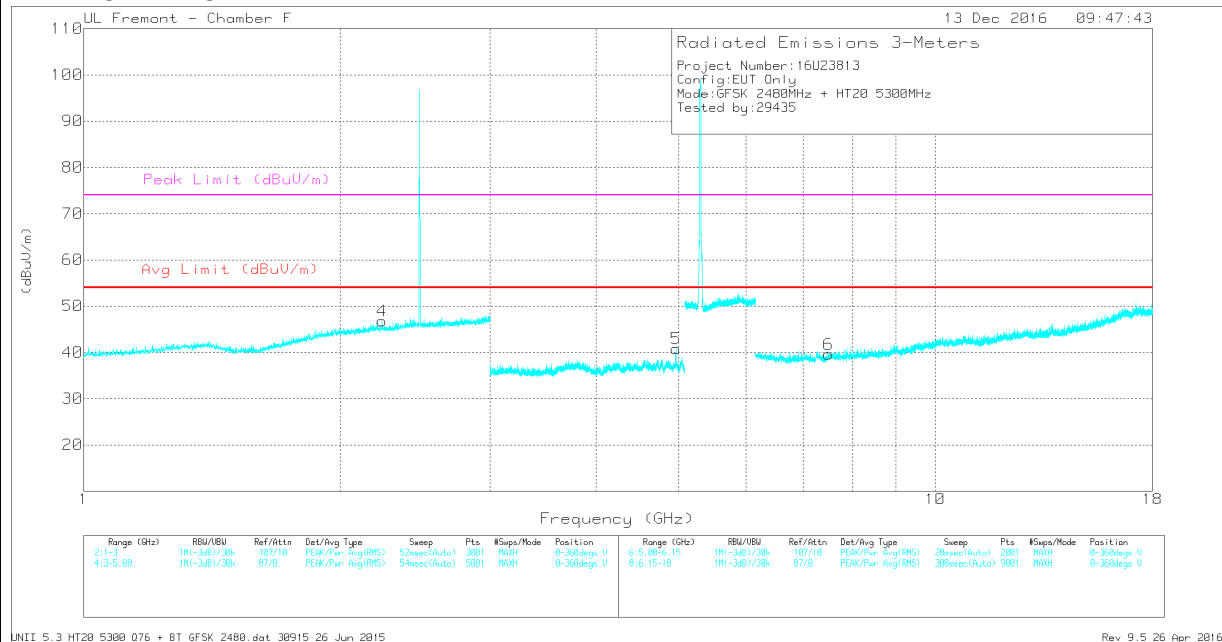
9.6. RADIATION CO-LOCATION

BLUETOOTH & 802.11 HT20 2Tx CDD MODE IN THE 5.3GHz BAND

HORIZONTAL PLOT



VERTICAL PLOT



DATA

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T344 (dB/m)	Amp/Cbl/FI tr/Pad (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.231	41.46	PK-U	31.8	-21	52.26	-	-	74	-21.74	186	216	H
	* 2.228	30.44	ADR	31.8	-20.9	41.34	53.97	-12.63	-	-	186	216	H
4	* 2.242	41.63	PK-U	31.8	-21	52.43	-	-	74	-21.57	9	120	V
	* 2.243	30.49	ADR	31.8	-21	41.29	53.97	-12.68	-	-	9	120	V
2	* 4.96	44.88	PK-U	34.2	-28.5	50.58	-	-	74	-23.42	207	125	H
	* 4.96	39.1	ADR	34.2	-28.5	44.8	53.97	-9.17	-	-	207	125	H
5	* 4.96	42.21	PK-U	34.2	-28.5	47.91	-	-	74	-26.09	208	115	V
	* 4.96	33.46	ADR	34.2	-28.5	39.16	53.97	-14.81	-	-	208	115	V
3	* 7.423	37.19	PK-U	35.6	-26.1	46.69	-	-	74	-27.31	34	368	H
	* 7.425	25.86	ADR	35.6	-26.1	35.36	53.97	-18.61	-	-	34	368	H
6	* 7.503	35.59	PK-U	35.6	-25	46.19	-	-	74	-27.81	14	333	V
	* 7.5	25.05	ADR	35.6	-25	35.65	53.97	-18.32	-	-	14	333	V

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

Pk - Peak detector

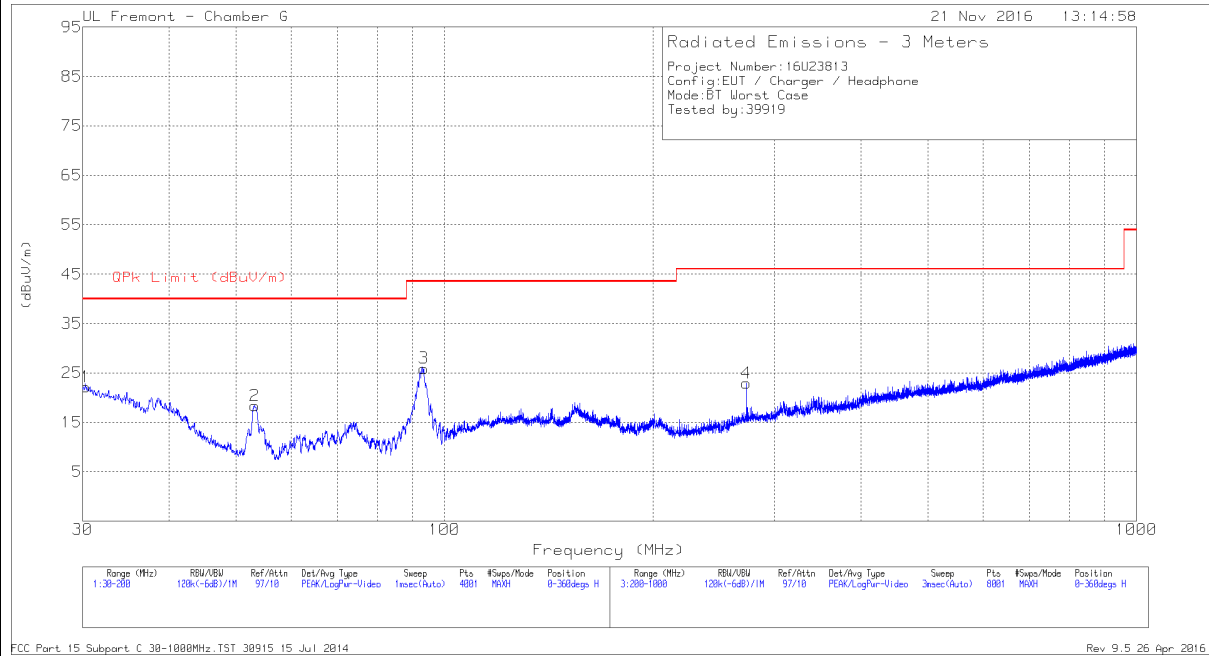
PK-U - U-NII: Maximum Peak

ADR - U-NII AD primary method, RMS average

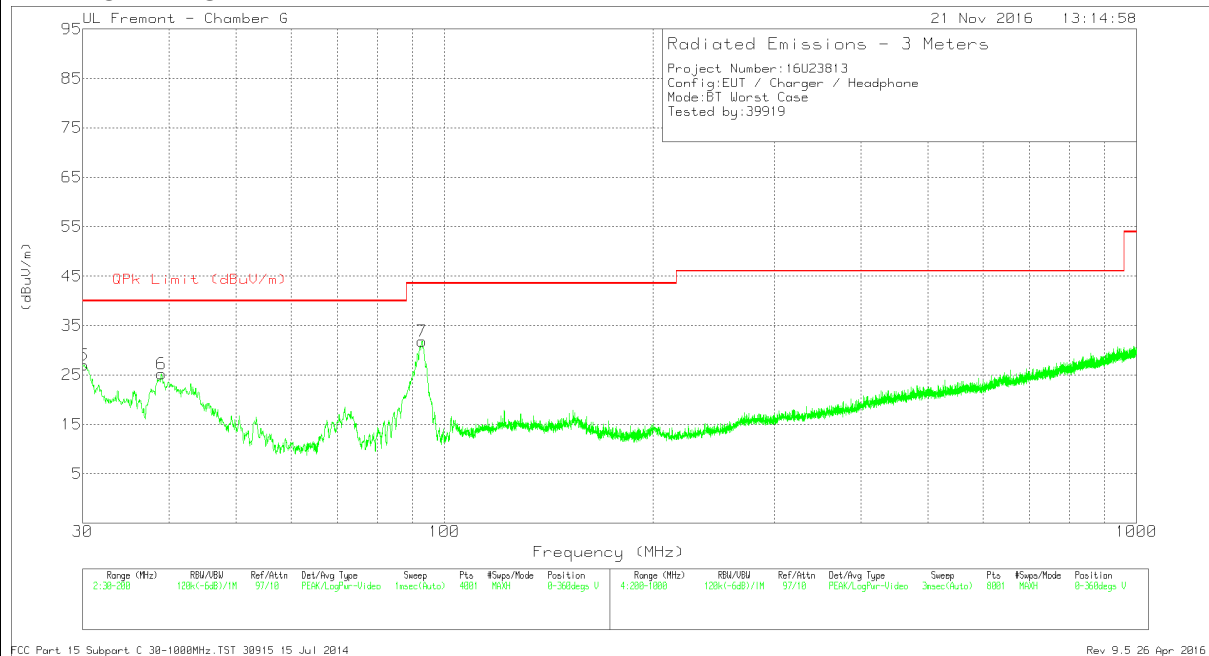
9.7. WORST-CASE BELOW 1 GHz

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

HORIZONTAL PLOT



VERTICAL PLOT



DATA

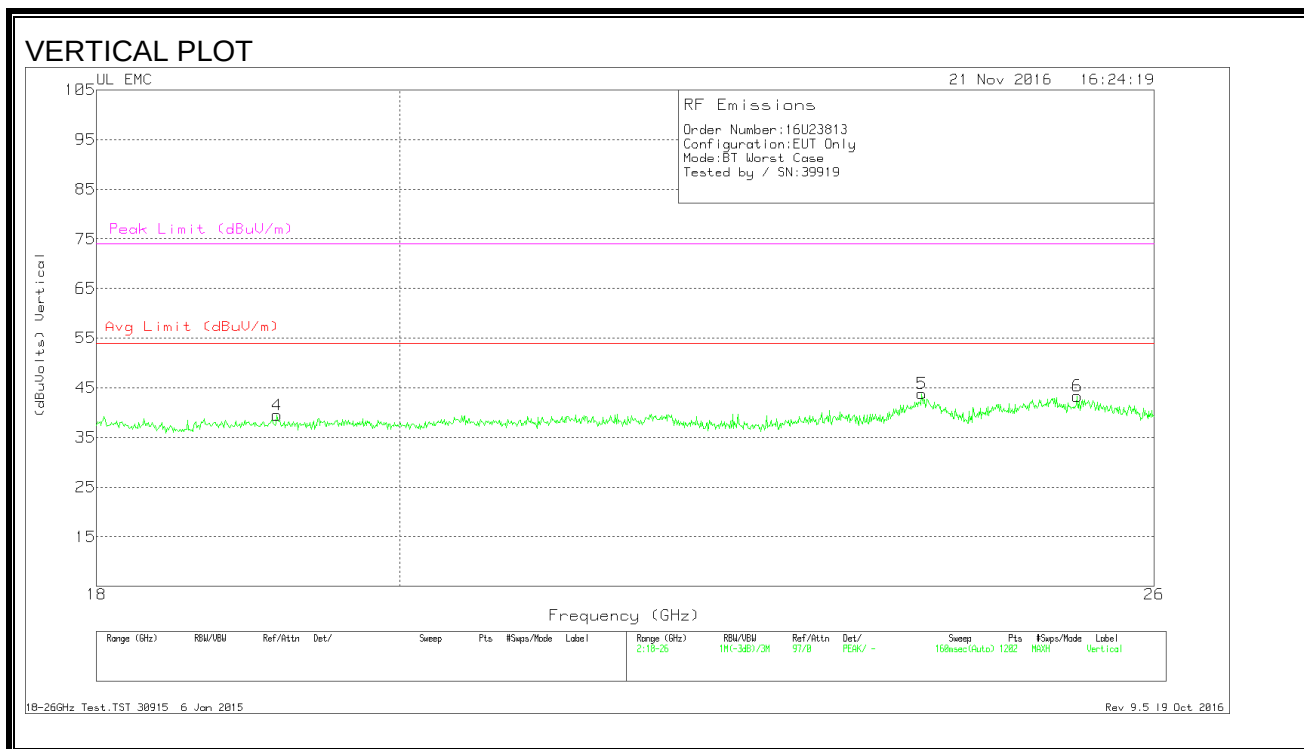
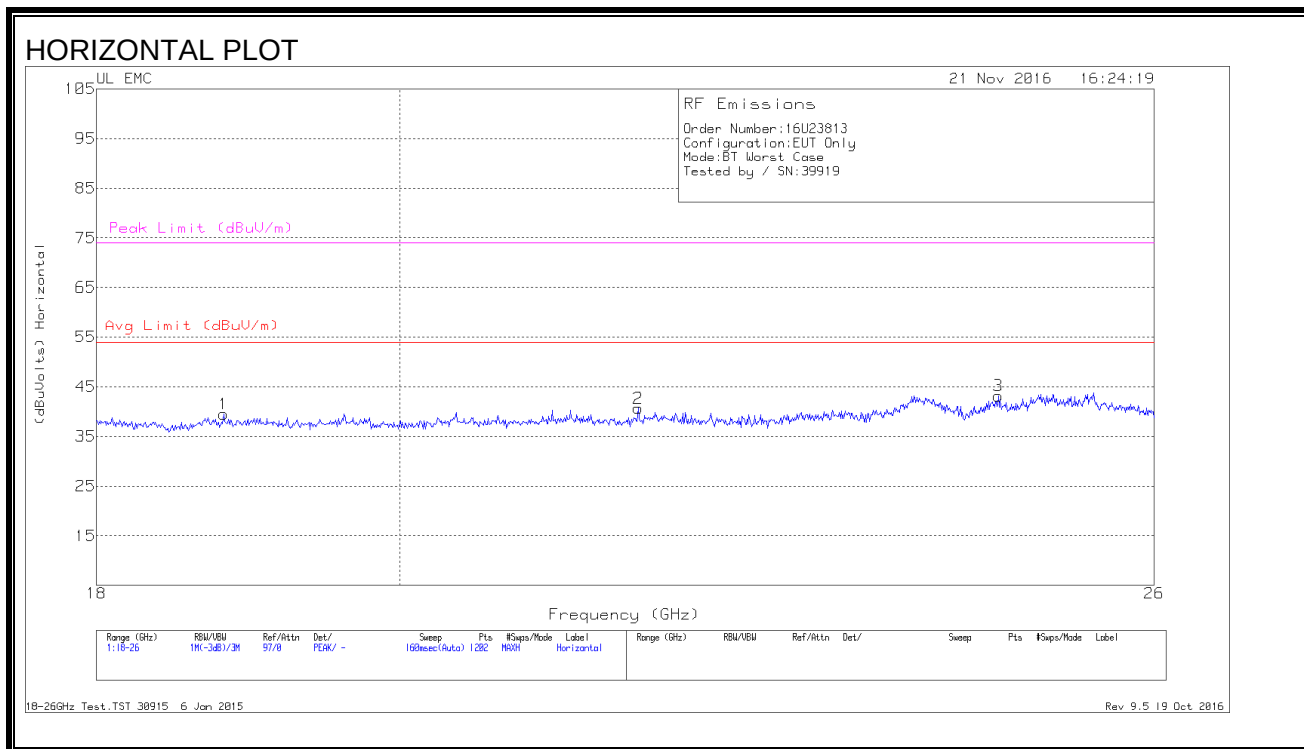
Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	AF T900 (dB/m)	Amp Cbl (dB)	Corrected Reading (dBuV/m)	QPk Limit (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
4	* 273.2	34.83	Pk	17.2	-29.1	22.93	46.02	-23.09	0-360	100	H
5	30.1275	32.82	Pk	25.5	-31.3	27.02	40	-12.98	0-360	100	V
1	30.2975	28.12	Pk	25.4	-31.3	22.22	40	-17.78	0-360	200	H
6	38.9675	37.27	Pk	19.1	-31.2	25.17	40	-14.83	0-360	100	V
2	53.1413	38.44	Pk	10.9	-31	18.34	40	-21.66	0-360	399	H
7	92.73	50.16	Pk	12.2	-30.5	31.86	43.52	-11.66	0-360	100	V
3	93.2825	44.02	Pk	12.4	-30.5	25.92	43.52	-17.6	0-360	200	H

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

Pk - Peak detector

9.8. WORST-CASE ABOVE 18 GHz

SPURIOUS EMISSIONS 18 TO 26 GHz (WORST-CASE CONFIGURATION)



Data

Marker	Frequenc y (GHz)	Meter Reading (dBuV)	Det	AF T449 (dB/m)	Amp/Cbl (dB)	Dist Corr (dB)	Correcte d Reading (dBuVOLT s)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)
1	18.813	41.5	Pk	32.4	-24.9	-9.5	39.5	54	-14.5	74	-34.5
2	21.73	41.77	Pk	33.2	-24.8	-9.5	40.67	54	-13.33	74	-33.33
3	24.628	42.77	Pk	34.1	-24.2	-9.5	43.17	54	-10.83	74	-30.833
4	19.166	41	Pk	32.7	-24.7	-9.5	39.5	54	-14.5	74	-34.5
5	23.982	43.63	Pk	34	-24.3	-9.5	43.83	54	-10.17	74	-30.17
6	25.314	43.03	Pk	34.3	-24.5	-9.5	43.33	54	-10.67	74	-30.67

Pk - Peak detector

10. AC POWER LINE CONDUCTED EMISSIONS

LIMITS

FCC §15.207 (a)

RSS-Gen 8.8

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

*Decreases with the logarithm of the frequency.

TEST PROCEDURE

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

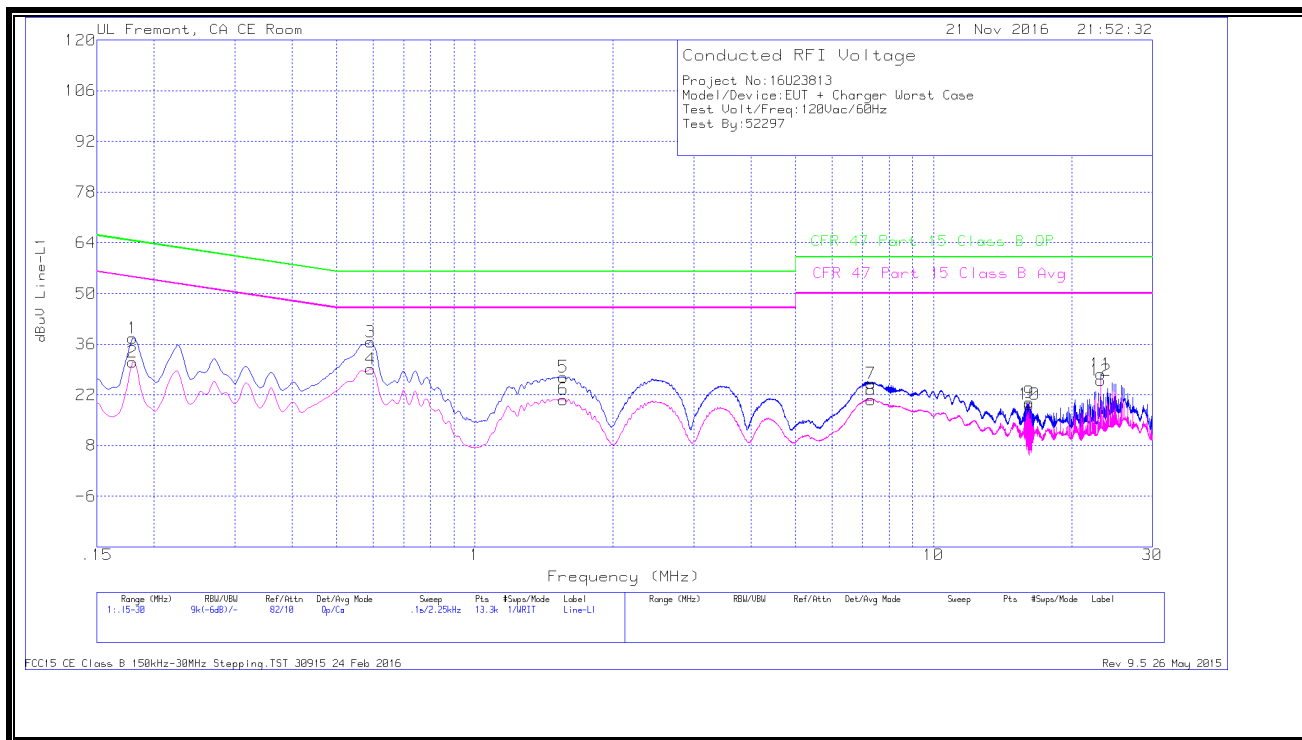
The receiver is set to a resolution bandwidth of 9 kHz. Peak detection is used unless otherwise noted as quasi-peak or average.

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

RESULTS

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

LINE 1 RESULTS



WORST EMISSIONS

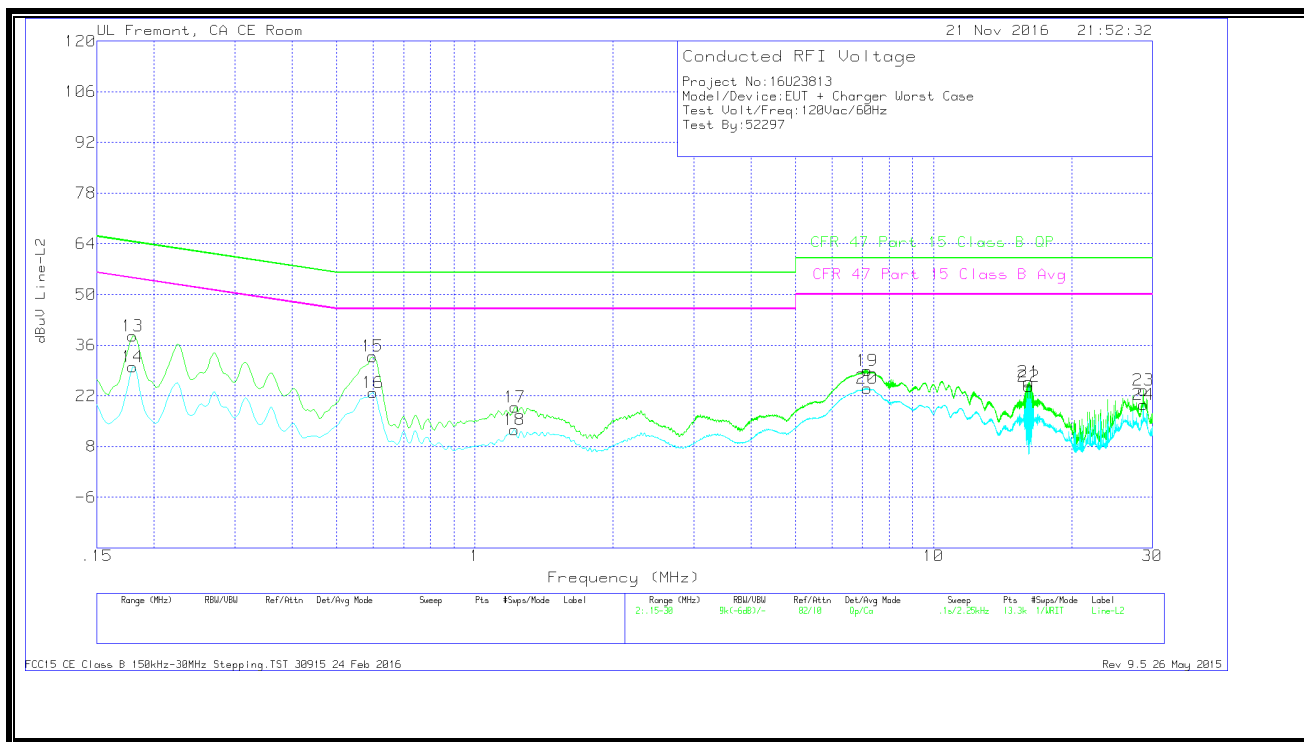
Range 1: Line-L1 .15 - 30MHz

Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	LISN L1	LC Cables 1&3	Limiter (dB)	Corrected Reading dBuV	CFR 47 Part 15 Class B QP	QP Margin (dB)	CFR 47 Part 15 Class B Avg	Av(CISPR)Margin (dB)
1	.17925	27.55	Qp	0	0	10.1	37.65	64.52	-26.87	-	-
2	.17925	20.95	Ca	0	0	10.1	31.05	-	-	54.52	-23.47
3	.59325	26.47	Qp	0	0	10.1	36.57	56	-19.43	-	-
4	.59325	19.04	Ca	0	0	10.1	29.14	-	-	46	-16.86
5	1.56075	16.76	Qp	0	.1	10.1	26.96	56	-29.04	-	-
6	1.5585	10.51	Ca	0	.1	10.1	20.71	-	-	46	-25.29
7	7.31625	14.84	Qp	0	.1	10.2	25.14	60	-34.86	-	-
8	7.31625	10.33	Ca	0	.1	10.2	20.63	-	-	50	-29.37
9	16.143	9.41	Qp	0	.2	10.3	19.91	60	-40.09	-	-
10	16.143	8.84	Ca	0	.2	10.3	19.34	-	-	50	-30.66
11	23.1315	16.97	Qp	.1	.2	10.4	27.67	60	-32.33	-	-
12	23.1315	15.27	Ca	.1	.2	10.4	25.97	-	-	50	-24.03

Qp - Quasi-Peak detector

Ca - CISPR average detection

LINE 2 RESULTS



WORST EMISSIONS

Range 2: Line-L2 .15 - 30MHz

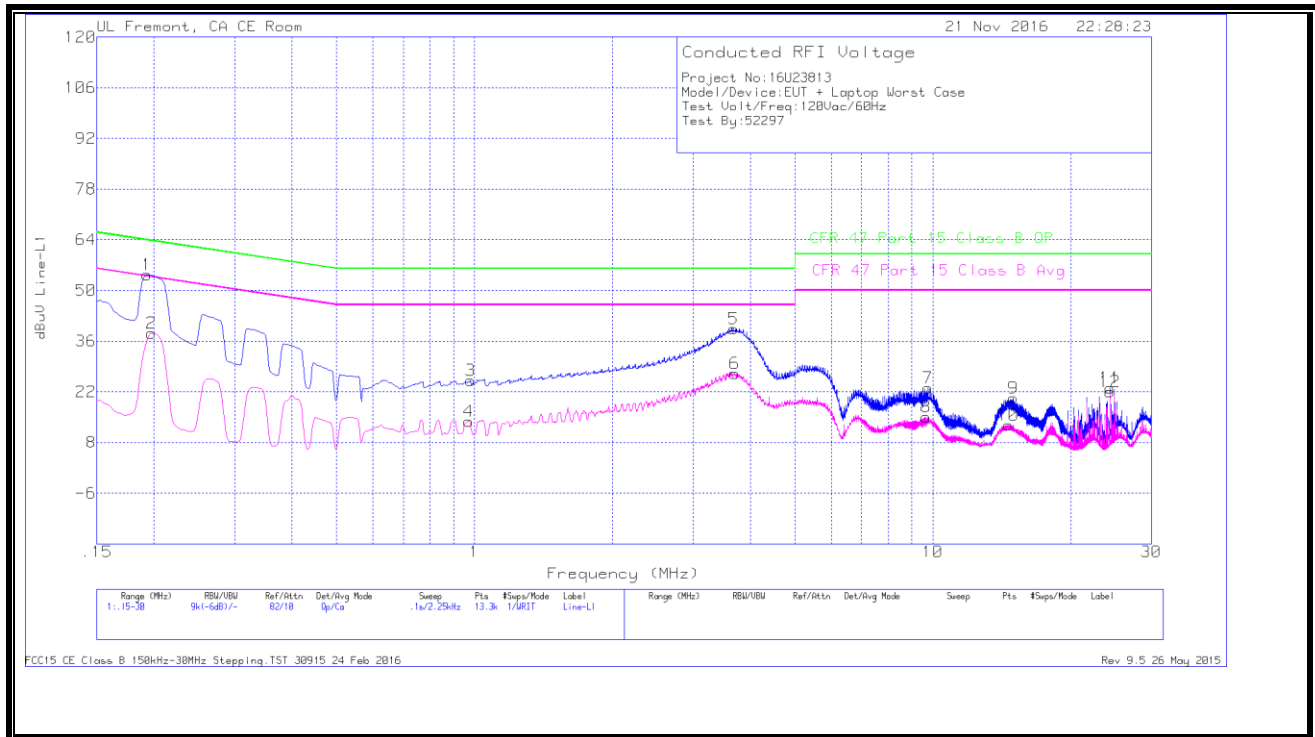
Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	LISN L2	LC Cables 2&3	Limiter (dB)	Corrected Reading dBuV	CFR 47 Part 15 Class B QP	QP Margin (dB)	CFR 47 Part 15 Class B Avg	Av(CISPR)Margin (dB)
13	.17925	28.37	Qp	0	0	10.1	38.47	64.52	-26.05	-	-
14	.17925	19.9	Ca	0	0	10.1	30	-	-	54.52	-24.52
15	.59775	22.78	Qp	0	0	10.1	32.88	56	-23.12	-	-
16	.6	12.81	Ca	0	0	10.1	22.91	-	-	46	-23.09
17	1.22325	8.73	Qp	0	.1	10.1	18.93	56	-37.07	-	-
18	1.21988	2.43	Ca	0	.1	10.1	12.63	-	-	46	-33.37
19	7.16775	18.73	Qp	0	.1	10.2	29.03	60	-30.97	-	-
20	7.16325	13.76	Ca	0	.1	10.2	24.06	-	-	50	-25.94
21	16.14075	15.36	Qp	0	.2	10.3	25.86	60	-34.14	-	-
22	16.14075	14.1	Ca	0	.2	10.3	24.6	-	-	50	-25.4
23	28.689	12.75	Qp	.1	.3	10.4	23.55	60	-36.45	-	-
24	28.689	8.85	Ca	.1	.3	10.4	19.65	-	-	50	-30.35

Qp - Quasi-Peak detector

Ca - CISPR average detection

10.2. EUT POWERED BY HOST PC VIA USB CABLE

LINE 1 RESULTS



WORST EMISSIONS

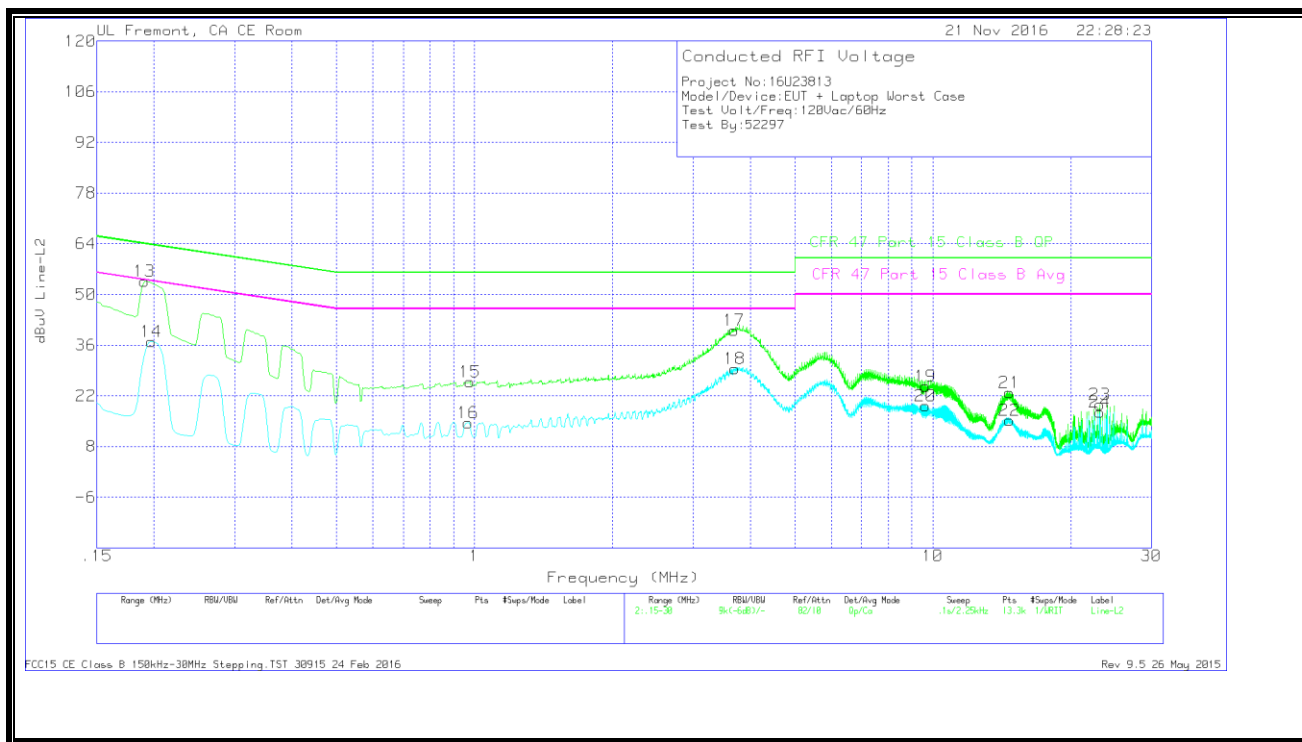
Range 1: Line-L1 .15 - 30MHz

Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	LISN L1	LC Cables 1&3	Limiter (dB)	Corrected Reading dBuV	CFR 47 Part 15 Class B QP	QP Margin (dB)	CFR 47 Part 15 Class B Avg	Av(CISPR)Margin (dB)
1	.19275	44.23	Qp	0	0	10.1	54.33	63.92	-9.59	-	-
2	.19725	28	Ca	0	0	10.1	38.1	-	-	53.73	-15.63
3	.98025	14.92	Qp	0	.1	10.1	25.12	56	-30.88	-	-
4	.97237	3.77	Ca	0	0	10.1	13.87	-	-	46	-32.13
5	3.67575	29.12	Qp	0	.1	10.1	39.32	56	-16.68	-	-
6	3.69825	16.82	Ca	0	.1	10.1	27.02	-	-	46	-18.98
7	9.75075	12.61	Qp	0	.2	10.2	23.01	60	-36.99	-	-
8	9.67875	4.64	Ca	0	.2	10.2	15.04	-	-	50	-34.96
9	15.009	9.94	Qp	0	.2	10.2	20.34	60	-39.66	-	-
10	14.62425	2.4	Ca	0	.2	10.2	12.8	-	-	50	-37.2
11	24.35325	12.27	Qp	.1	.2	10.5	23.07	60	-36.93	-	-
12	24.35325	11.28	Ca	.1	.2	10.5	22.08	-	-	50	-27.92

Qp - Quasi-Peak detector

Ca - CISPR average detection

LINE 2 RESULTS



WORST EMISSIONS

Range 2: Line-L2 .15 - 30MHz

Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	LISN L2	LC Cables 2&3	Limiter (dB)	Corrected Reading dBuV	CFR 47 Part 15 Class B QP	QP Margin (dB)	CFR 47 Part 15 Class B Avg	Av(CISPR)Margin (dB)
13	.1905	43.6	Qp	0	0	10.1	53.7	64.01	-10.31	-	-
14	.19725	26.93	Ca	0	0	10.1	37.03	-	-	53.73	-16.7
15	.978	15.65	Qp	0	.1	10.1	25.85	56	-30.15	-	-
16	.969	4.47	Ca	0	0	10.1	14.57	-	-	46	-31.43
17	3.68925	29.94	Qp	0	.1	10.1	40.14	56	-15.86	-	-
18	3.69375	19.36	Ca	0	.1	10.1	29.56	-	-	46	-16.44
19	9.63375	14.29	Qp	0	.2	10.2	24.69	60	-35.31	-	-
20	9.6315	8.79	Ca	0	.2	10.2	19.19	-	-	50	-30.81
21	14.70975	12.41	Qp	.1	.2	10.2	22.91	60	-37.09	-	-
22	14.712	4.74	Ca	.1	.2	10.2	15.24	-	-	50	-34.76
23	23.1315	8.9	Qp	.1	.2	10.4	19.6	60	-40.4	-	-
24	23.1315	6.81	Ca	.1	.2	10.4	17.51	-	-	50	-32.49

Qp - Quasi-Peak detector

Ca - CISPR average detection