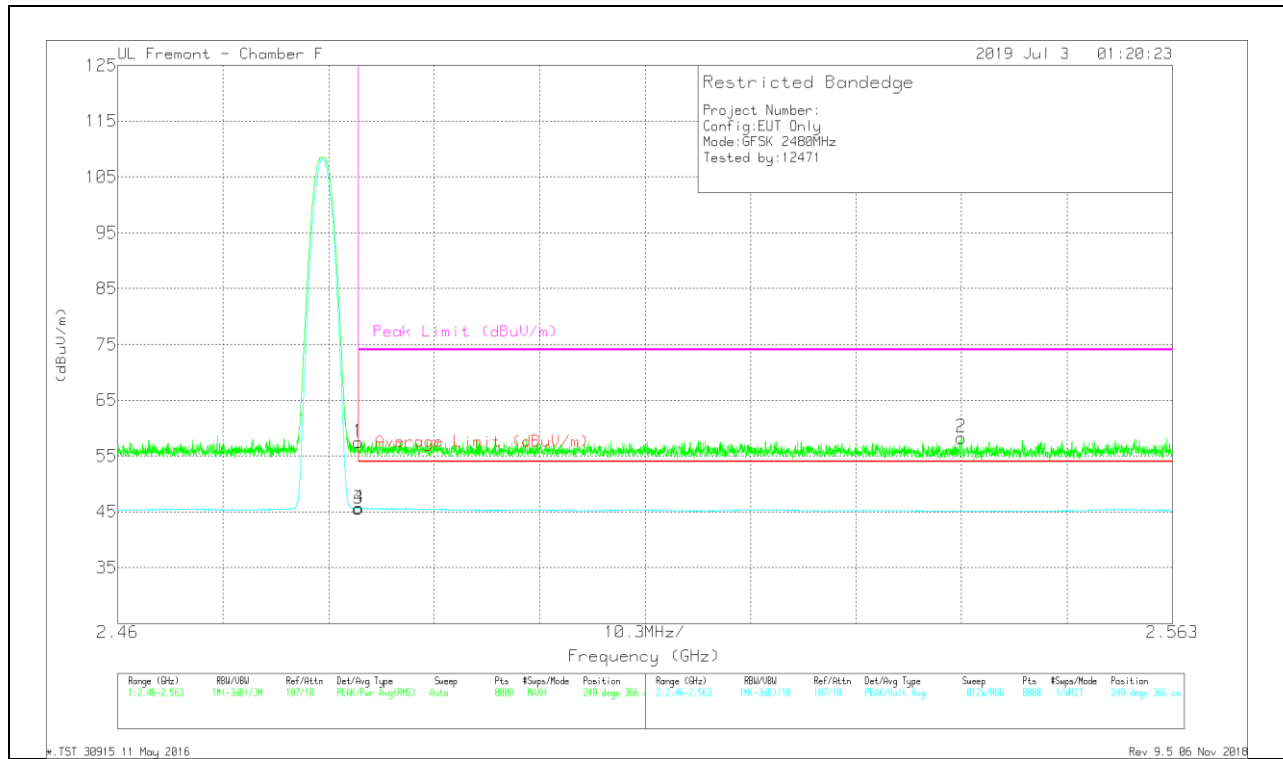


VERTICAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T345 (dB/m)	Ampl/Cbll/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	39.8	Pk	32.4	-14.7	57.5	-	-	74	-16.5	249	366	V
2	2.542	40.7	Pk	32.3	-14.7	58.3	-	-	74	-15.7	249	366	V
3	* 2.484	27.91	VA1T	32.4	-14.7	45.61	54	-8.39	-	-	249	366	V
4	* 2.484	27.96	VA1T	32.4	-14.7	45.66	54	-8.34	-	-	249	366	V

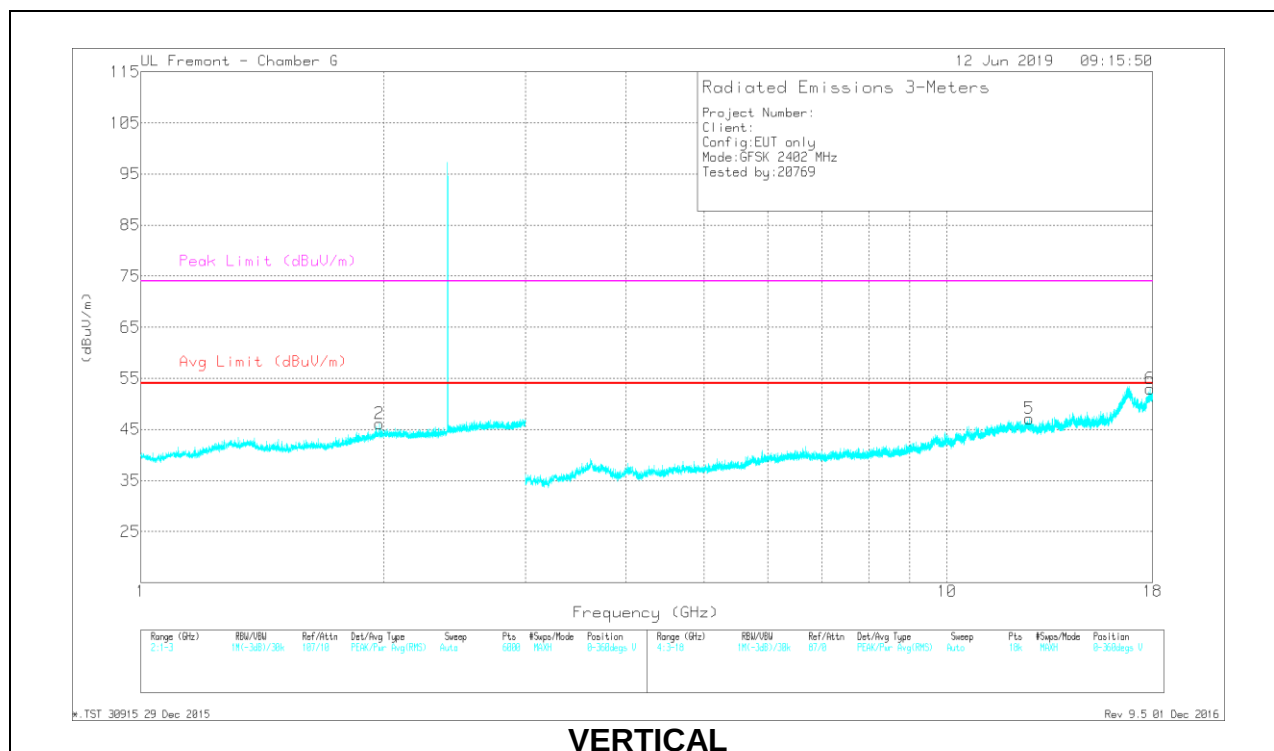
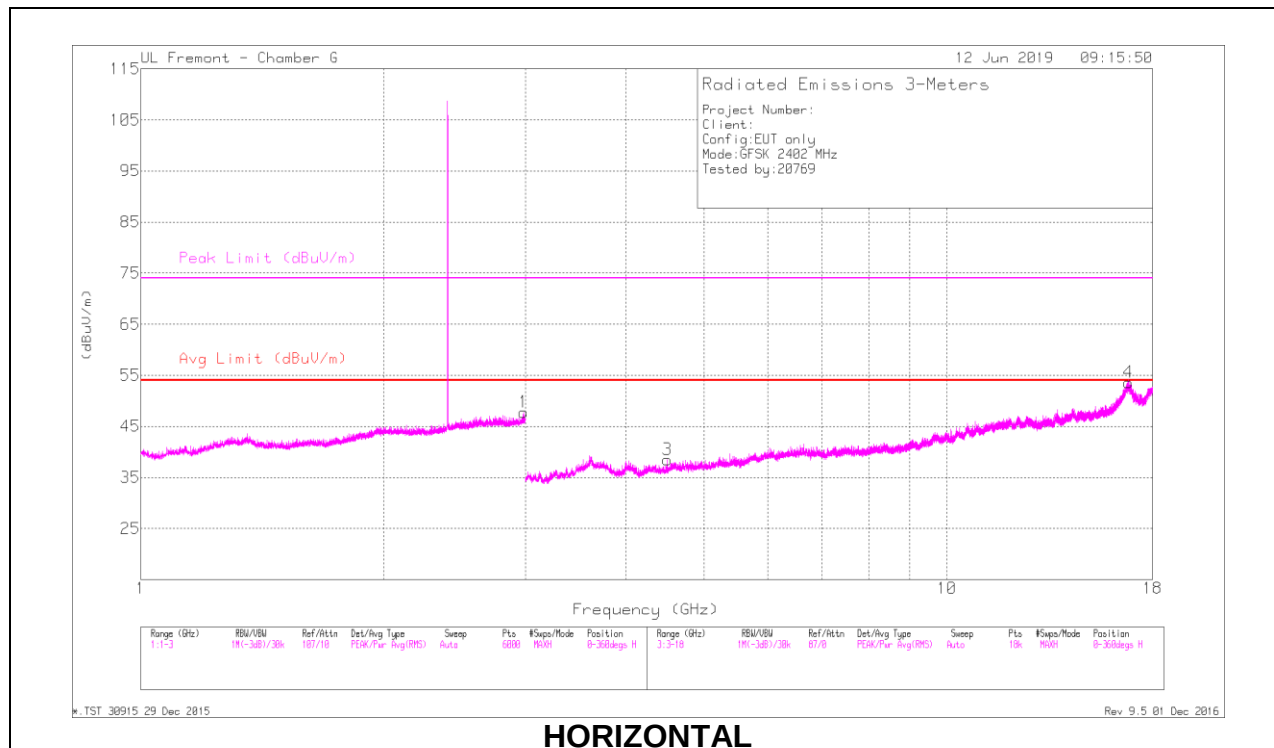
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

Pk - Peak detector

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

HARMONICS AND SPURIOUS EMISSIONS

LOW CHANNEL RESULTS



RADIATED EMISSIONS

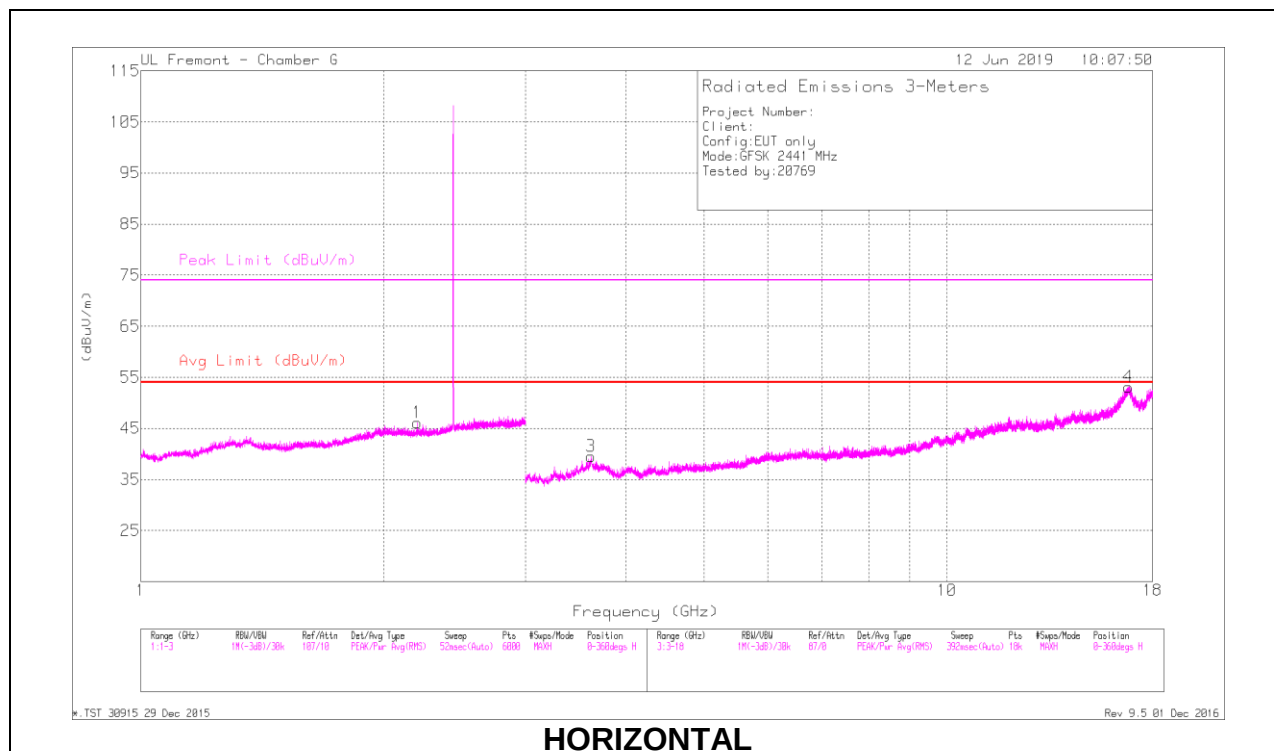
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T120 (dB/m)	Amp/Cbl/Filtr/P ad (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
3	* 4.503	39.24	PKFH	34	-30	43.24	-	-	74	-30.76	236	304	H
	* 4.505	27.67	VA1T	34	-30.1	31.57	54	-22.43	-	-	236	304	H
5	* 12.655	35.12	PKFH	39.7	-23.1	51.72	-	-	74	-22.28	211	100	V
	* 12.655	23.46	VA1T	39.7	-23.1	40.06	54	-13.94	-	-	211	100	V
6	* 17.877	34.53	PKFH	42.3	-18.1	58.73	-	-	74	-15.27	109	224	V
	* 17.874	22.14	VA1T	42.4	-18	46.54	54	-7.46	-	-	109	224	V
2	1.978	41.25	PKFH	32.1	-22.7	50.65	-	-	74	-23.35	124	176	V
1	2.986	40.77	PKFH	32.8	-21.5	52.07	-	-	74	-21.93	39	325	H
4	16.81	34.67	PKFH	41.8	-17.8	58.67	-	-	74	-15.33	56	371	H

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

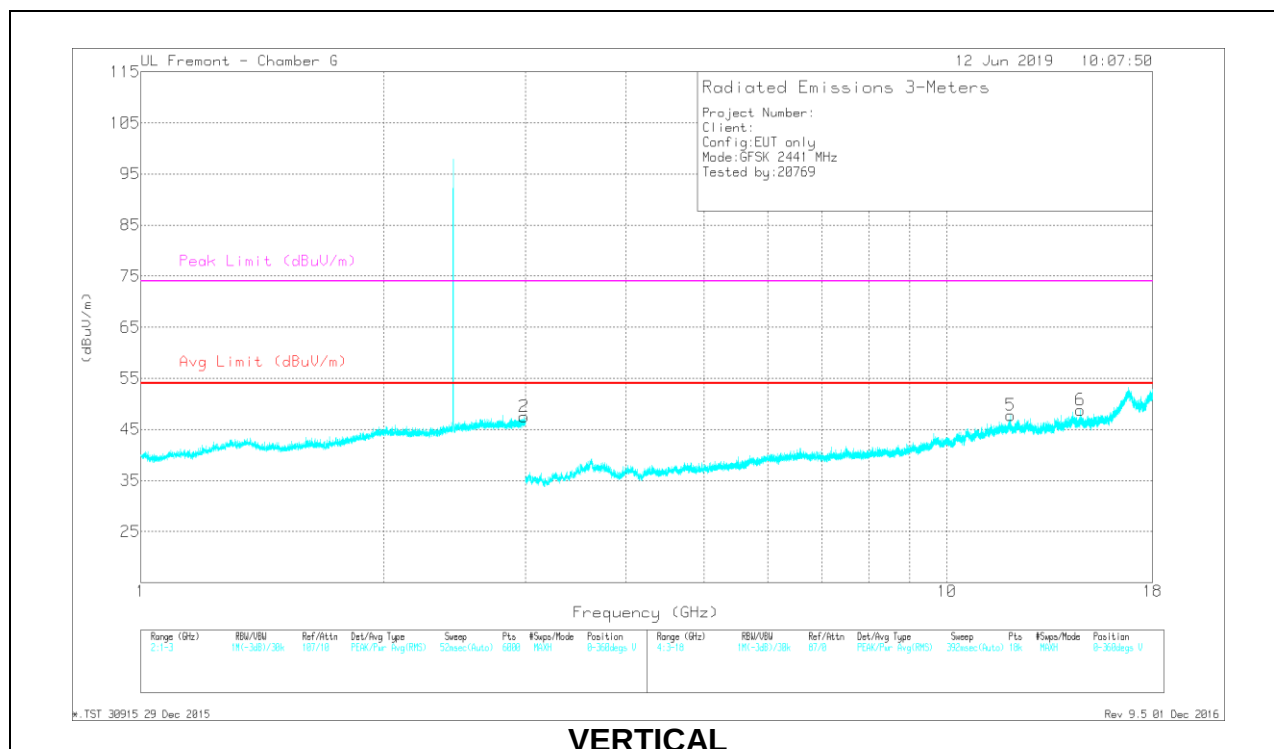
PKFH - FHSS: RB=100k/1MHz VB=3 x RB, Peak

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

MID CHANNEL RESULTS



HORIZONTAL



VERTICAL

RADIATED EMISSIONS

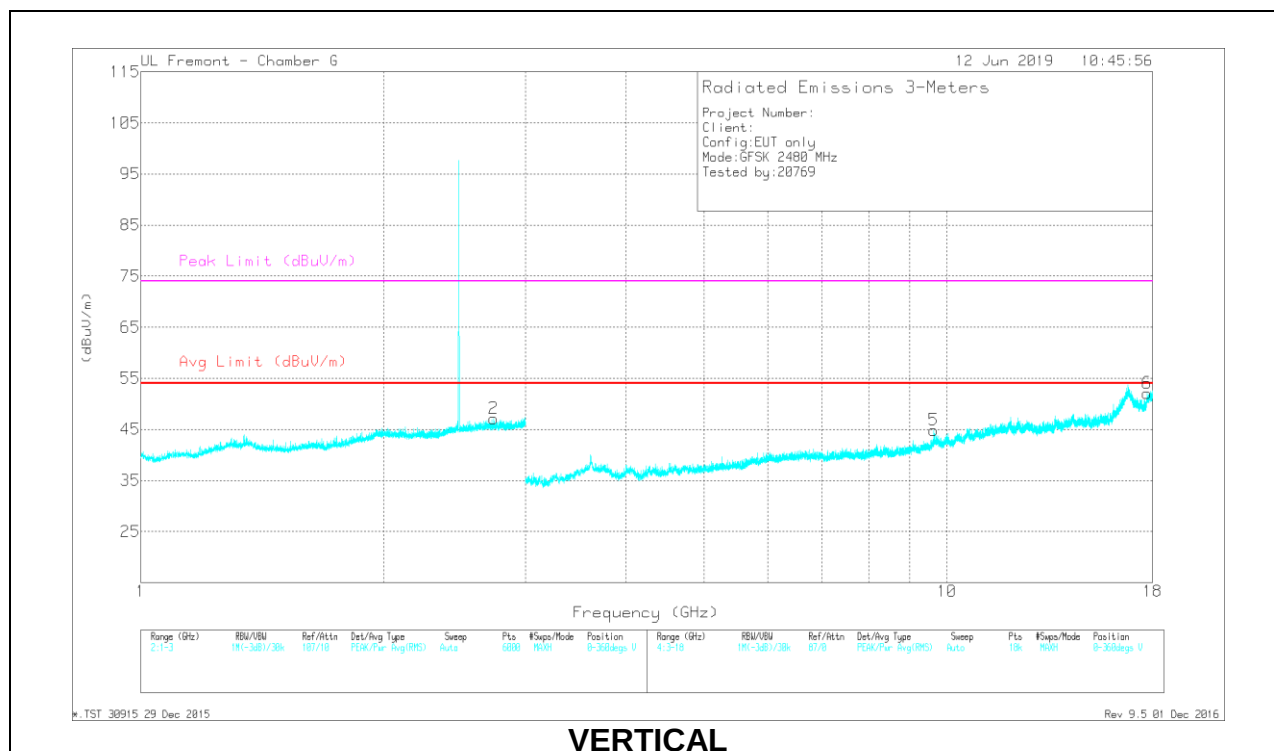
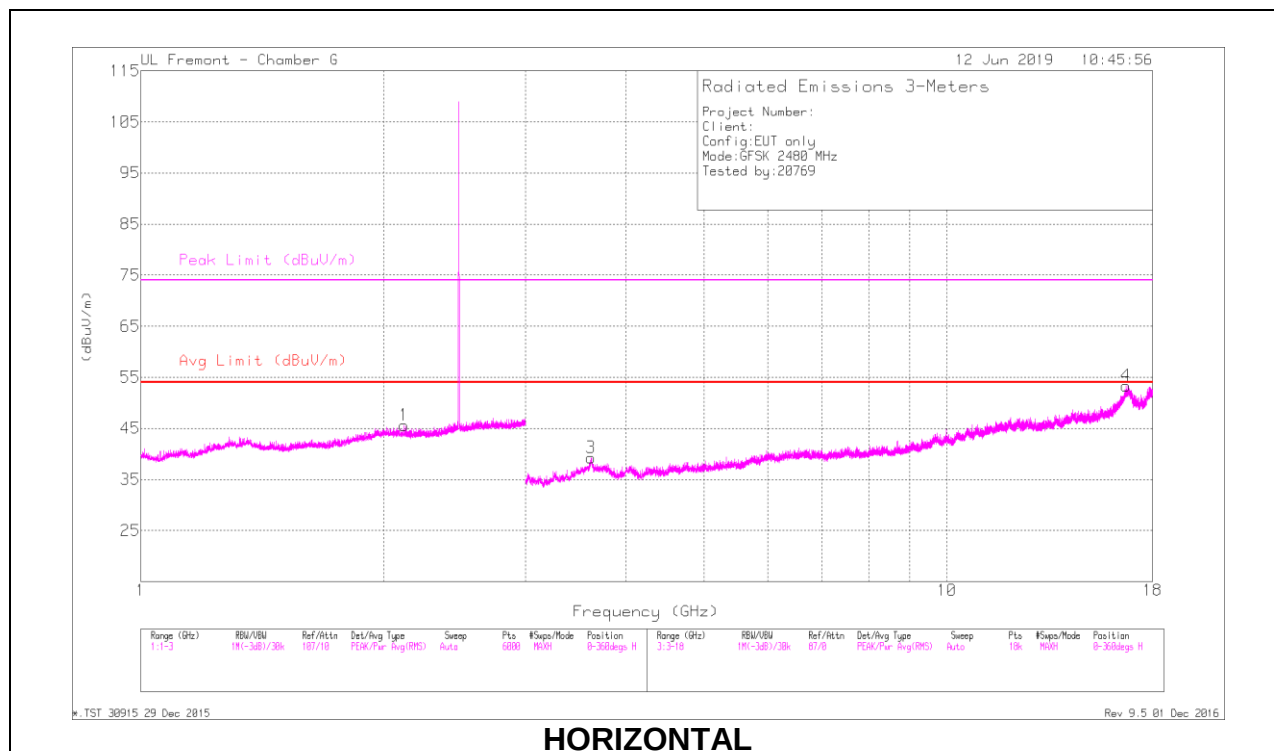
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T120 (dB/m)	Amp/Cbl/Filtr/P ad (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.201	41.13	PKFH	31.8	-22.4	50.53	-	-	74	-23.47	85	151	H
	* 2.204	29.42	VA1T	31.8	-22.5	38.72	54	-15.28	-	-	85	151	H
3	* 3.622	40.58	PKFH	35.6	-29.9	46.28	-	-	74	-27.72	128	169	H
	* 3.621	28.08	VA1T	35.7	-30	33.78	54	-20.22	-	-	128	169	H
5	* 11.993	35.6	PKFH	39.5	-22.3	52.8	-	-	74	-21.2	162	290	V
	* 11.99	23.31	VA1T	39.5	-22.3	40.51	54	-13.49	-	-	162	290	V
2	2.987	41.36	PKFH	32.8	-21.5	52.66	-	-	74	-21.34	95	205	V
6	14.654	36.6	PKFH	40.5	-23.6	53.5	-	-	74	-20.5	243	179	V
4	16.813	35.51	PKFH	41.8	-17.9	59.41	-	-	74	-14.59	29	304	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

HIGH CHANNEL RESULTS



RADIATED EMISSIONS

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T120 (dB/m)	Amp/Cbl/Filtr/P ad (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
2	* 2.737	42.22	PKFH	32.7	-22	52.92	-	-	74	-21.08	208	163	V
	* 2.74	30.18	VA1T	32.7	-22	40.88	54	-13.12	-	-	208	163	V
3	* 3.617	40.06	PKFH	35.7	-30.1	45.66	-	-	74	-28.34	2	168	H
	* 3.618	28.02	VA1T	35.7	-30.1	33.62	54	-20.38	-	-	2	168	H
6	* 17.713	34.22	PKFH	41.8	-18.4	57.62	-	-	74	-16.38	0	180	V
	* 17.711	22.47	VA1T	41.8	-18.4	45.87	54	-8.13	-	-	0	180	V
1	2.122	42.05	PKFH	31.9	-22.4	51.55	-	-	74	-22.45	69	311	H
5	9.64	37.18	PKFH	37.4	-24.7	49.88	-	-	74	-24.12	227	150	V
4	16.679	36.1	PKFH	41.9	-18.7	59.3	-	-	74	-14.7	285	373	H

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

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

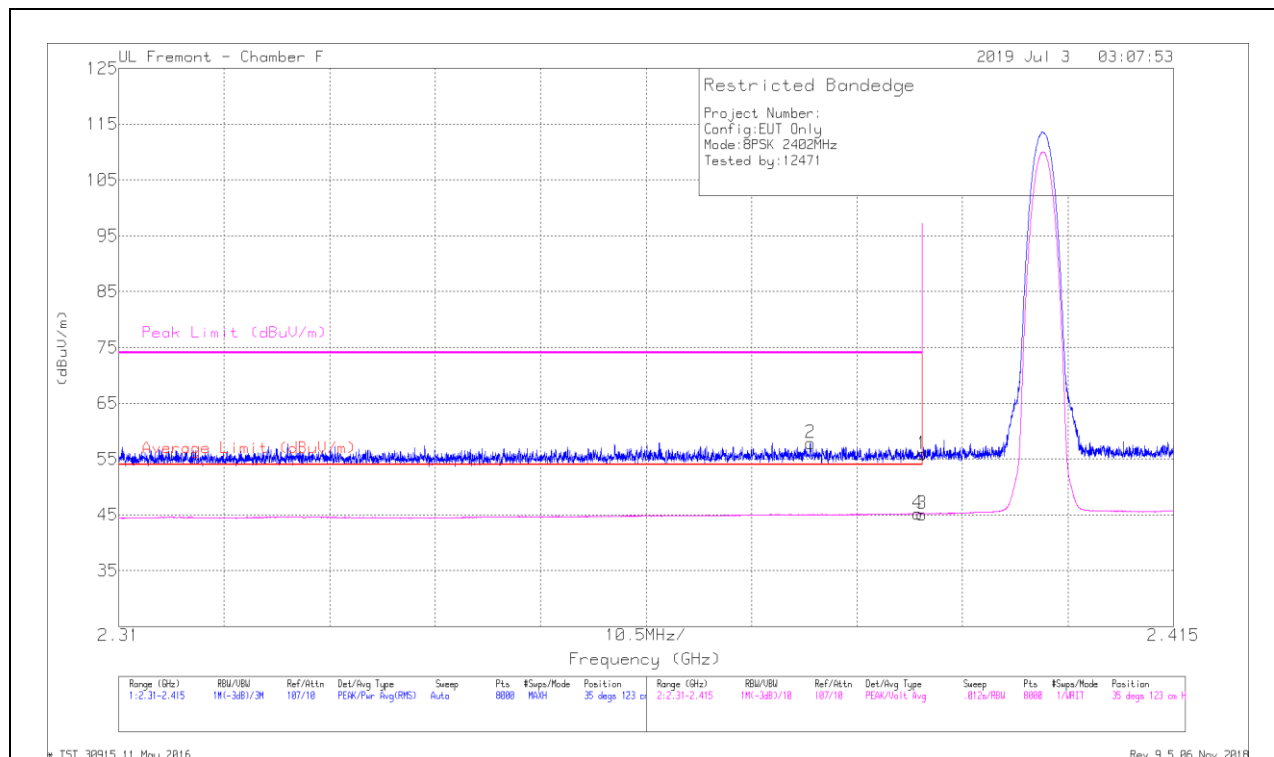
VA1T - FHSS: Linear Voltage Average VB=1/Ton where: Ton is transmit duration

9.1.2 HIGH POWER ENHANCED DATA RATE 8PSK MODULATION

Antenna 4

BANDEDGE (LOW CHANNEL)

HORIZONTAL RESULT



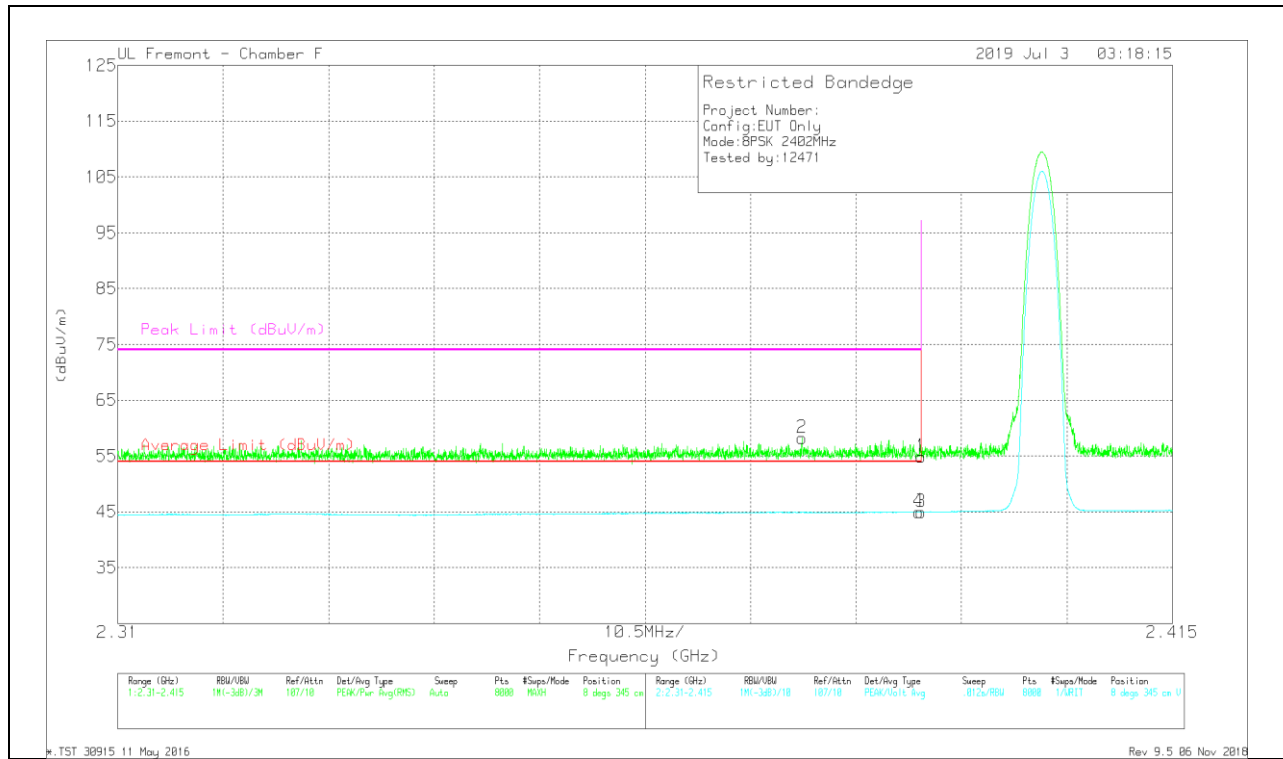
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T345 (dB/m)	AmplChl/Filtr /Pad (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.39	38.33	Pk	32	-14.5	55.83	-	-	74	-18.17	35	123	H
2	* 2.379	40.4	Pk	31.9	-14.4	57.9	-	-	74	-16.1	35	123	H
3	* 2.39	27.64	VA1T	32	-14.5	45.14	54	-8.86	-	-	35	123	H
4	* 2.39	27.72	VA1T	32	-14.5	45.22	54	-8.78	-	-	35	123	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

VERTICAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T345 (dB/m)	Ampl/Cbll/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	37.39	Pk	32	-14.5	54.89	-	-	74	-19.11	8	345	V
2	* 2.378	40.79	Pk	31.9	-14.4	58.29	-	-	74	-15.71	8	345	V
3	* 2.39	27.45	VA1T	32	-14.5	44.95	54	-9.05	-	-	8	345	V
4	* 2.39	27.51	VA1T	32	-14.5	45.01	54	-8.99	-	-	8	345	V

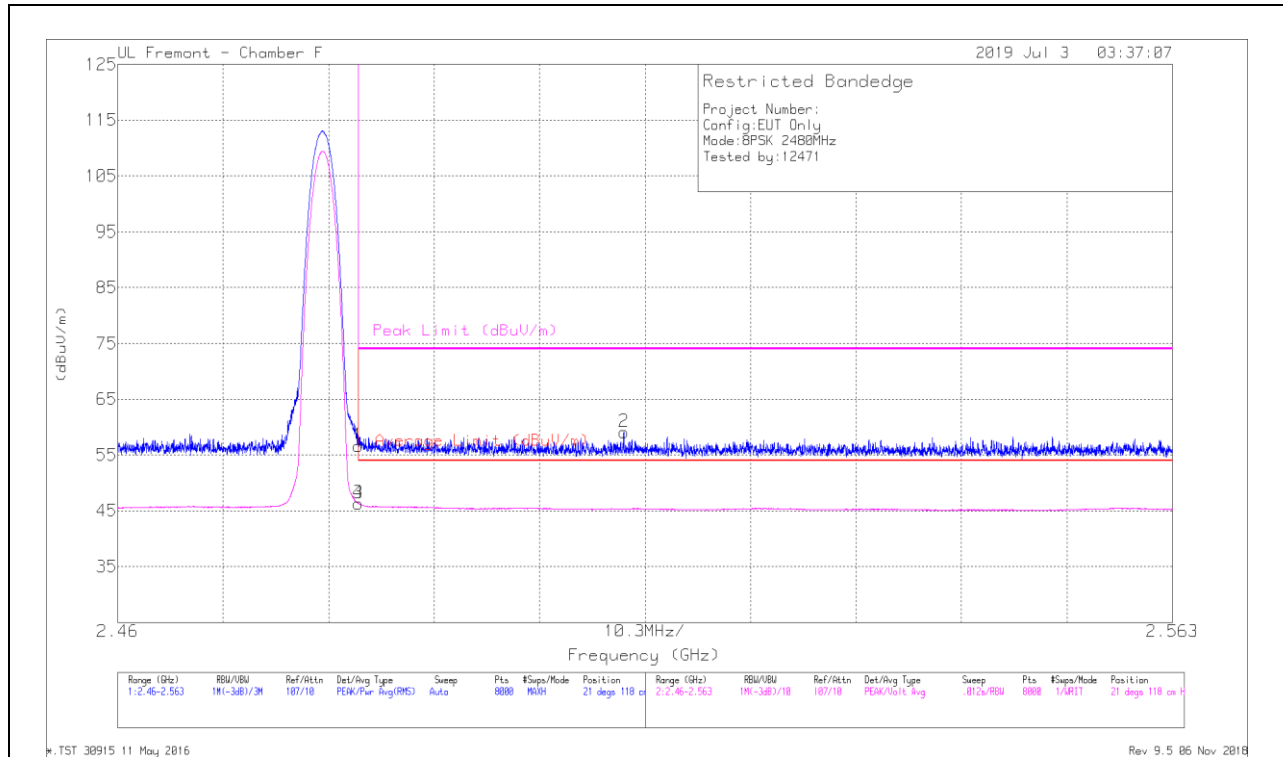
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

Pk - Peak detector

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

BANDEDGE (HIGH CHANNEL)

HORIZONTAL RESULT



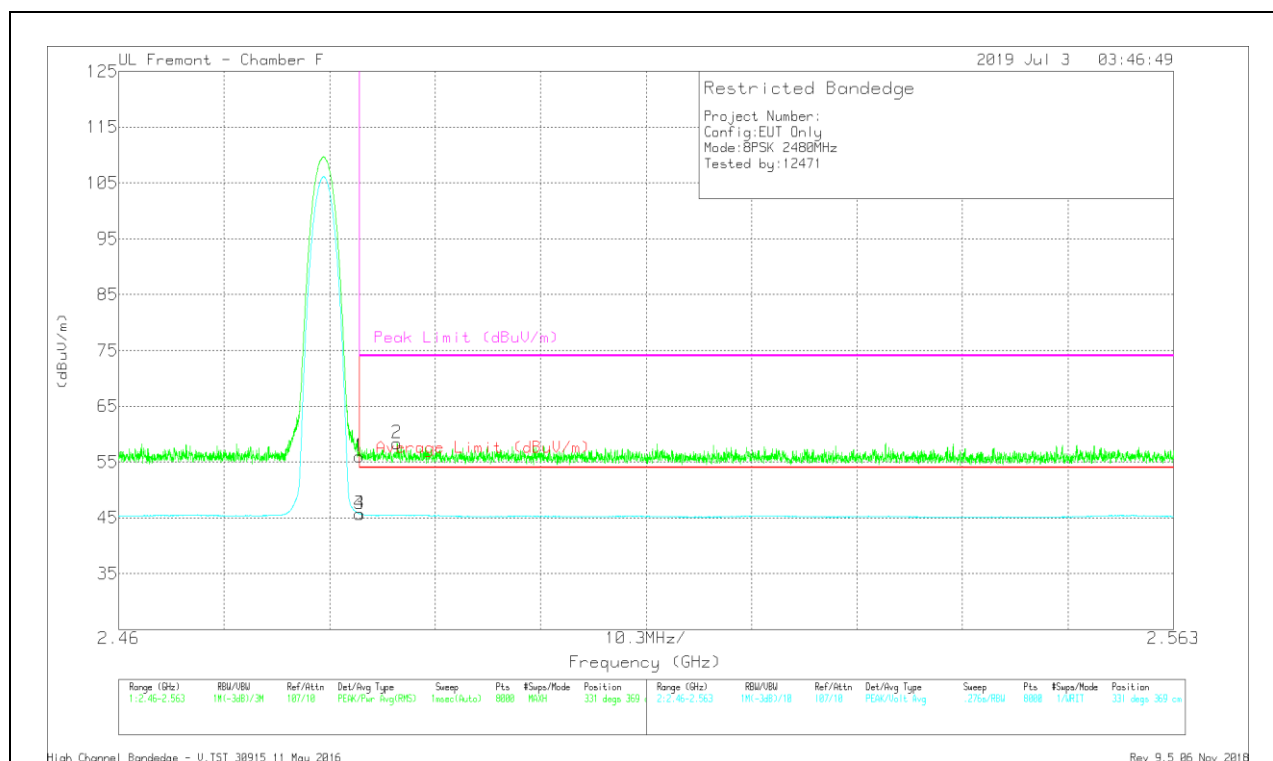
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T345 (dB/m)	Amp/Cbl/Ftr /Pad (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.484	38.98	Pk	32.4	-14.7	56.68	-	-	74	-17.32	21	118	H
2	2.509	41.39	Pk	32.4	-14.7	59.09	-	-	74	-14.91	21	118	H
3	* 2.484	28.57	VA1T	32.4	-14.7	46.27	54	-7.73	-	-	21	118	H
4	* 2.484	28.58	VA1T	32.4	-14.7	46.28	54	-7.72	-	-	21	118	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

VERTICAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T345 (dB/m)	Ampl/Cbll/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	38.29	Pk	32.4	-14.7	55.99	-	-	74	-18.01	331	369	V
2	* 2.487	40.68	Pk	32.3	-14.6	58.38	-	-	74	-15.62	331	369	V
3	* 2.484	28	VA1T	32.4	-14.7	45.7	54	-8.3	-	-	331	369	V
4	* 2.484	27.98	VA1T	32.4	-14.7	45.68	54	-8.32	-	-	331	369	V

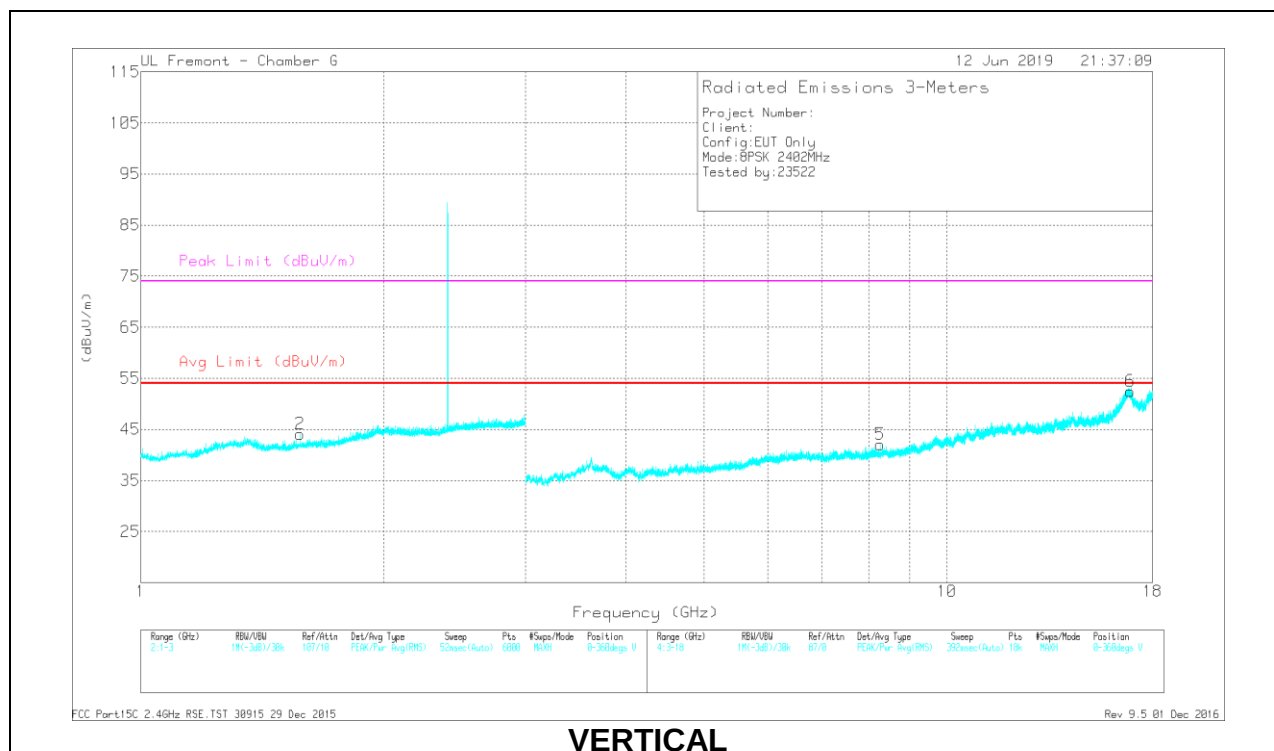
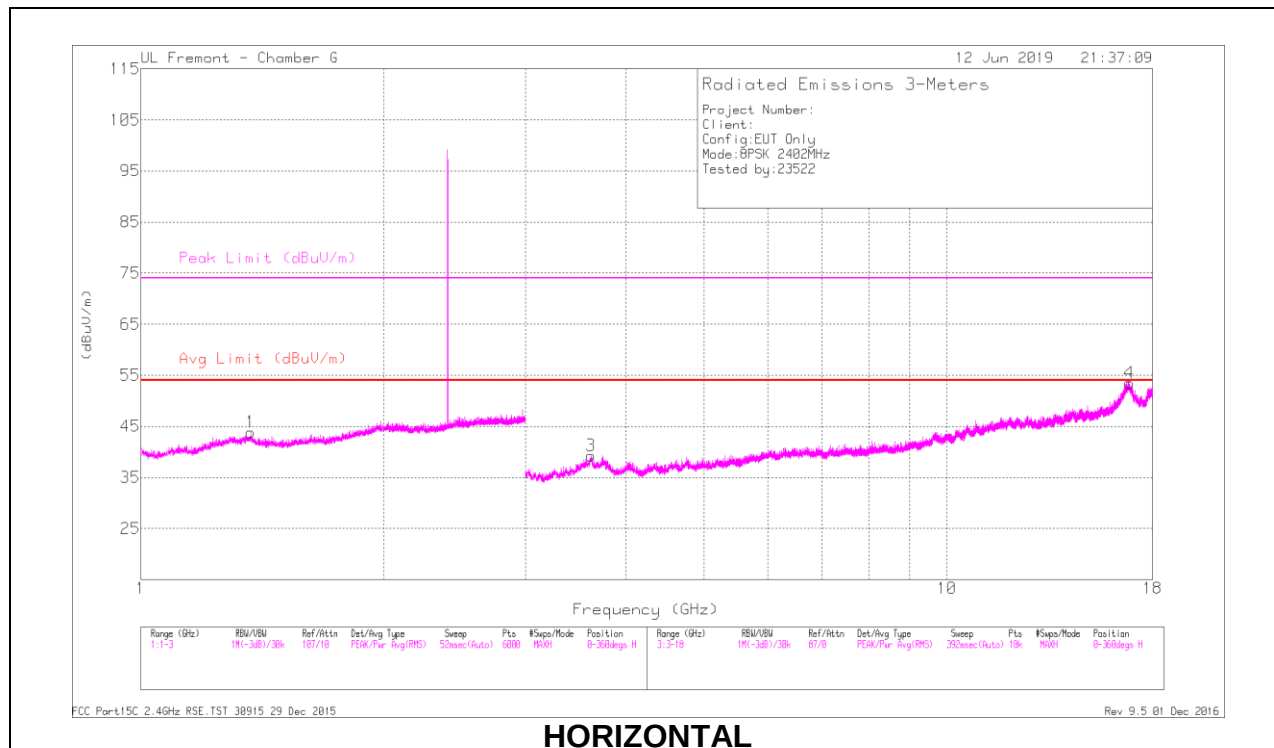
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

Pk - Peak detector

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

HARMONICS AND SPURIOUS EMISSIONS

LOW CHANNEL RESULTS



RADIATED EMISSIONS

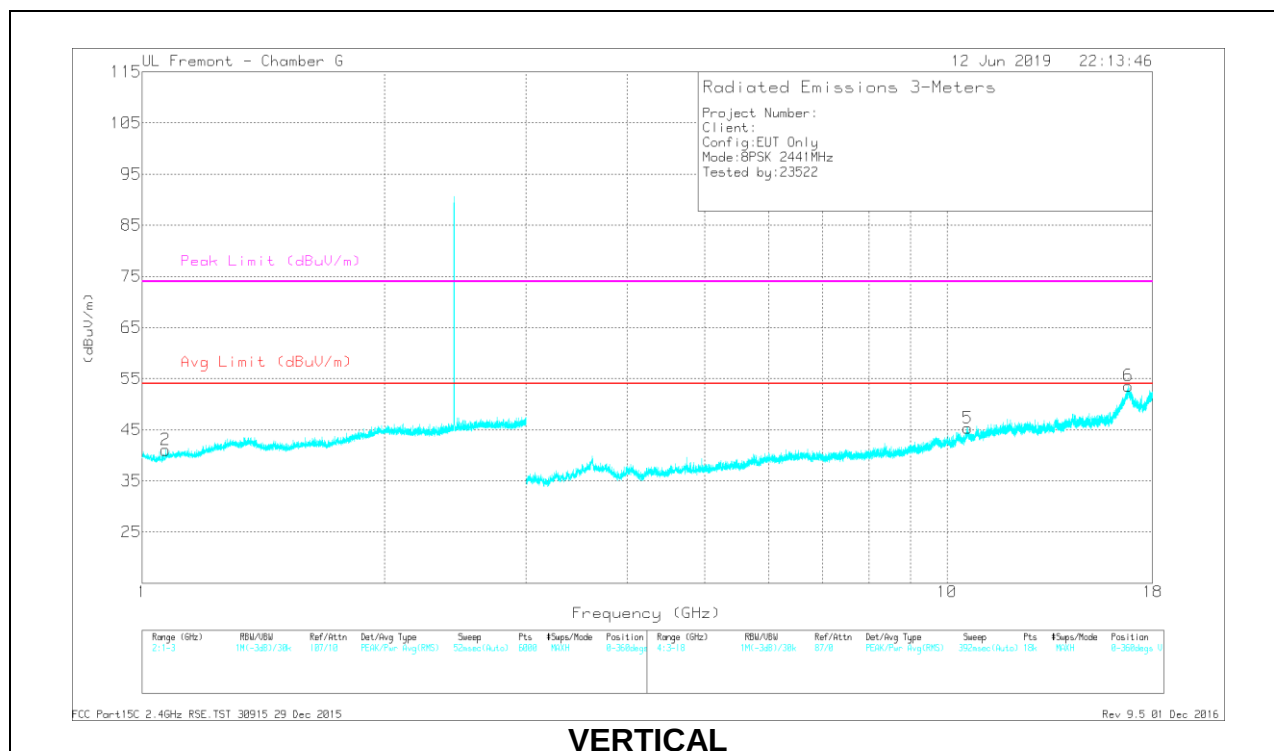
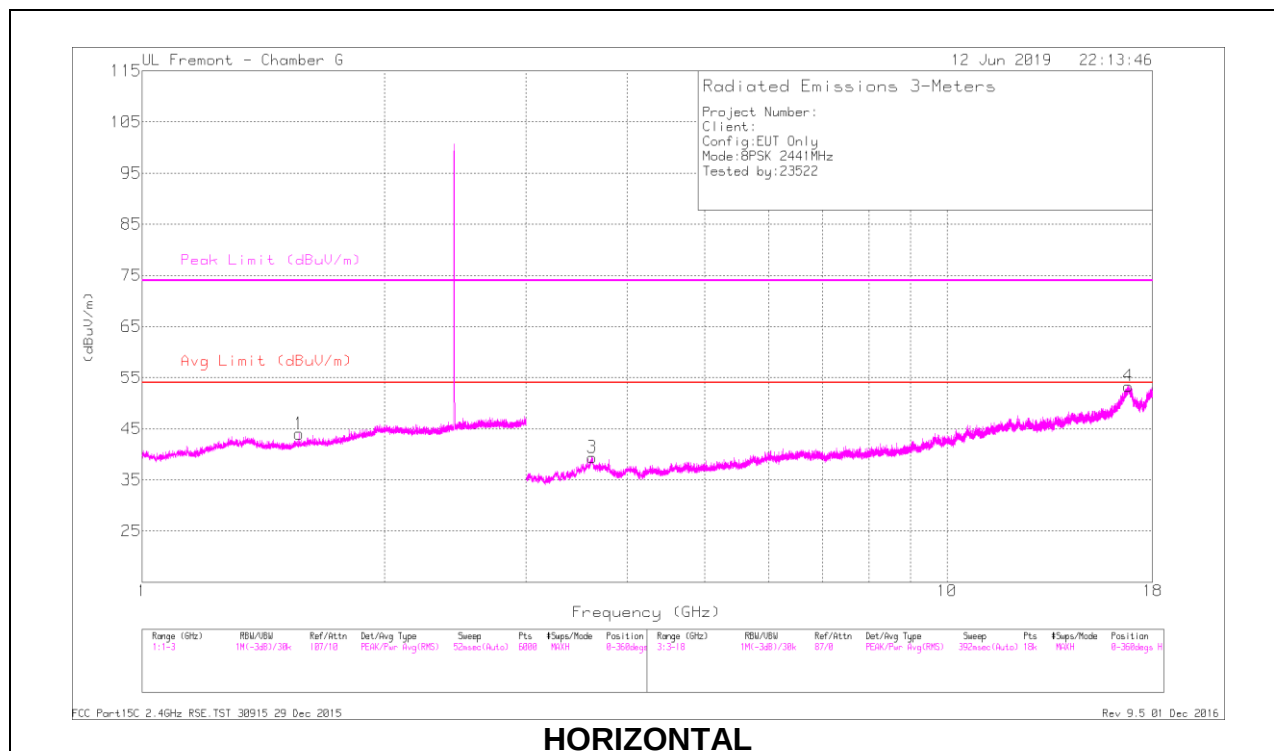
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T120 (dB/m)	Amp/Cbl/Filtr/Pad (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 1.372	42.56	PKFH	29.8	-23.2	49.16	-	-	74	-24.84	12	135	H
	* 1.369	30.26	VA1T	30	-23.2	37.06	54	-16.94	-	-	12	135	H
2	* 1.576	42.27	PKFH	27.9	-21.4	48.77	-	-	74	-25.23	138	180	V
	* 1.576	30.01	VA1T	27.9	-21.4	36.51	54	-17.49	-	-	138	180	V
3	* 3.62	40.43	PKFH	35.7	-30	46.13	-	-	74	-27.87	300	242	H
	* 3.618	27.94	VA1T	35.7	-30.1	33.54	54	-20.46	-	-	300	242	H
5	* 8.272	38	PKFH	36.1	-27.1	47	-	-	74	-27	211	318	V
	* 8.272	26.07	VA1T	36.1	-27.1	35.07	54	-18.93	-	-	211	318	V
4	16.848	34.5	PKFH	41.7	-17.7	58.5	-	-	74	-15.5	0	229	H
6	16.893	35.69	PKFH	41.6	-18.5	58.79	-	-	74	-15.21	291	263	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

MID CHANNEL RESULTS



RADIATED EMISSIONS

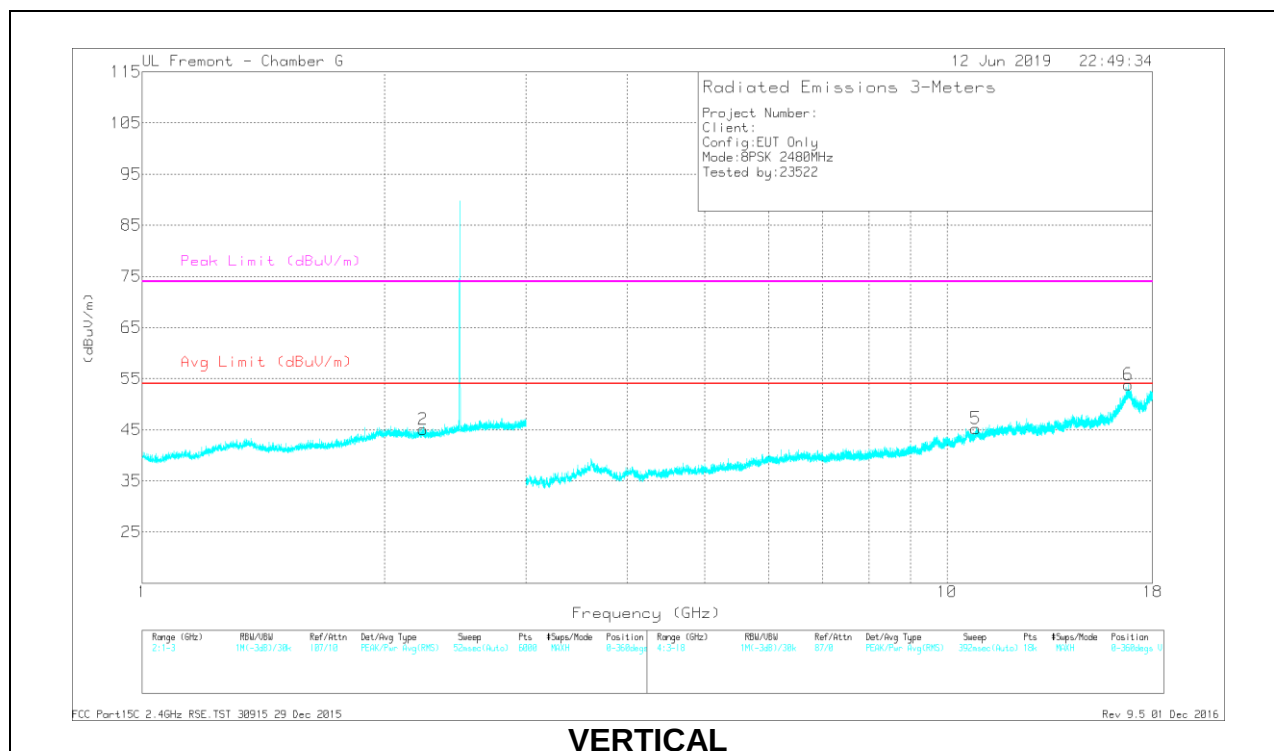
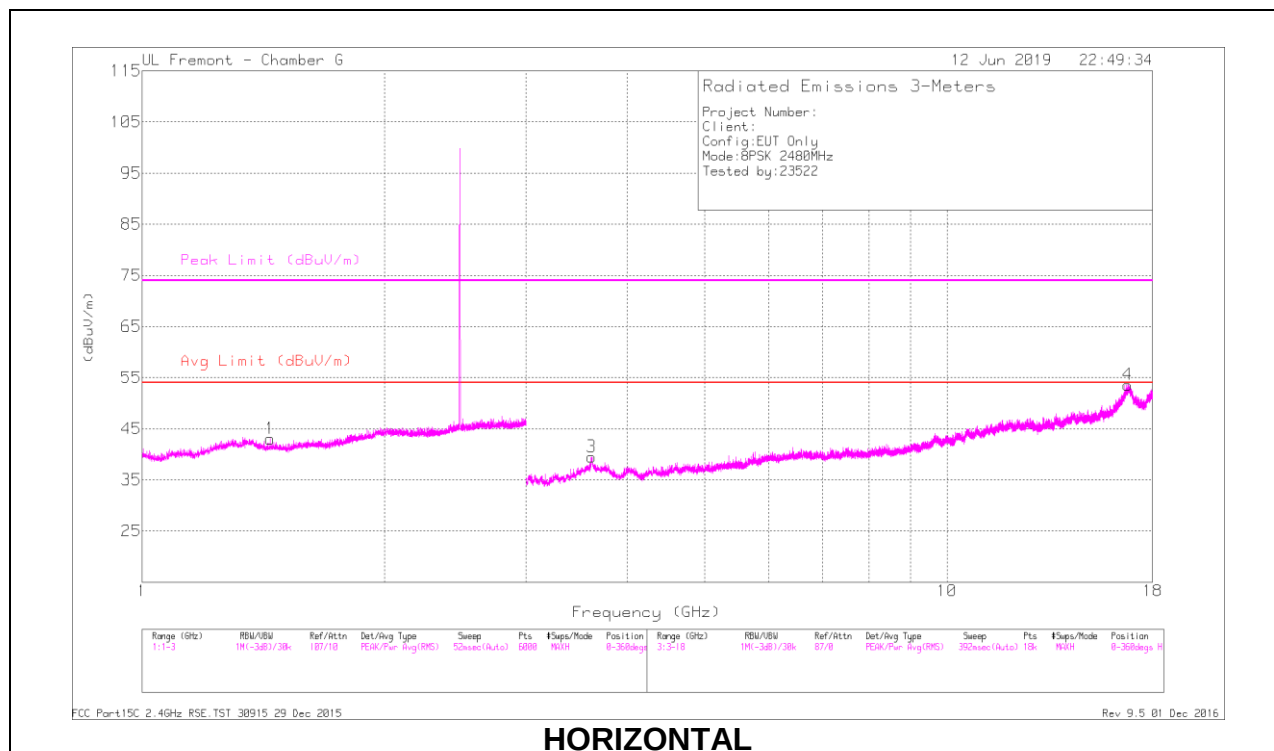
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T120 (dB/m)	Amp/Cbl/Filtr/Pad (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 1.565	42.36	PKFH	27.8	-21.4	48.76	-	-	74	-25.24	13	101	H
	* 1.567	30.16	VA1T	27.8	-21.4	36.56	54	-17.44	-	-	13	101	H
2	* 1.069	42.52	PKFH	27.3	-23.9	45.92	-	-	74	-28.08	147	166	V
	* 1.067	30.9	VA1T	27.3	-23.9	34.3	54	-19.7	-	-	147	166	V
3	* 3.626	39.68	PKFH	35.3	-29.8	45.18	-	-	74	-28.82	285	215	H
	* 3.625	28.23	VA1T	35.5	-29.8	33.93	54	-20.07	-	-	285	215	H
5	* 10.603	35.97	PKFH	38.2	-23	51.17	-	-	74	-22.83	116	365	V
	* 10.604	23.86	VA1T	38.2	-23	39.06	54	-14.94	-	-	116	365	V
4	16.794	35.41	PKFH	41.7	-17.4	59.71	-	-	74	-14.29	51	310	H
6	16.794	34.22	PKFH	41.8	-17.4	58.62	-	-	74	-15.38	57	322	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

HIGH CHANNEL RESULTS



RADIATED EMISSIONS

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T120 (dB/m)	Amp/Cbl/Filtr/P ad (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 1.442	41.81	PKFH	28.6	-22.6	47.81	-	-	74	-26.19	14	144	H
	* 1.443	29.94	VA1T	28.6	-22.6	35.94	54	-18.06	-	-	14	144	H
2	* 2.234	41.4	PKFH	31.9	-22.4	50.9	-	-	74	-23.1	56	188	V
	* 2.234	29.3	VA1T	31.9	-22.4	38.8	54	-15.2	-	-	56	188	V
3	* 3.613	39.98	PKFH	35.4	-30.2	45.18	-	-	74	-28.82	173	217	H
	* 3.615	28.12	VA1T	35.5	-30.1	33.52	54	-20.48	-	-	173	217	H
5	* 10.86	36.69	PKFH	38.3	-23.4	51.59	-	-	74	-22.41	337	254	V
	* 10.859	24.08	VA1T	38.3	-23.5	38.88	54	-15.12	-	-	337	254	V
4	16.778	36.11	PKFH	41.7	-17.7	60.11	-	-	74	-13.89	238	101	H
6	16.811	35.33	PKFH	41.8	-17.9	59.23	-	-	74	-14.77	358	300	V

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

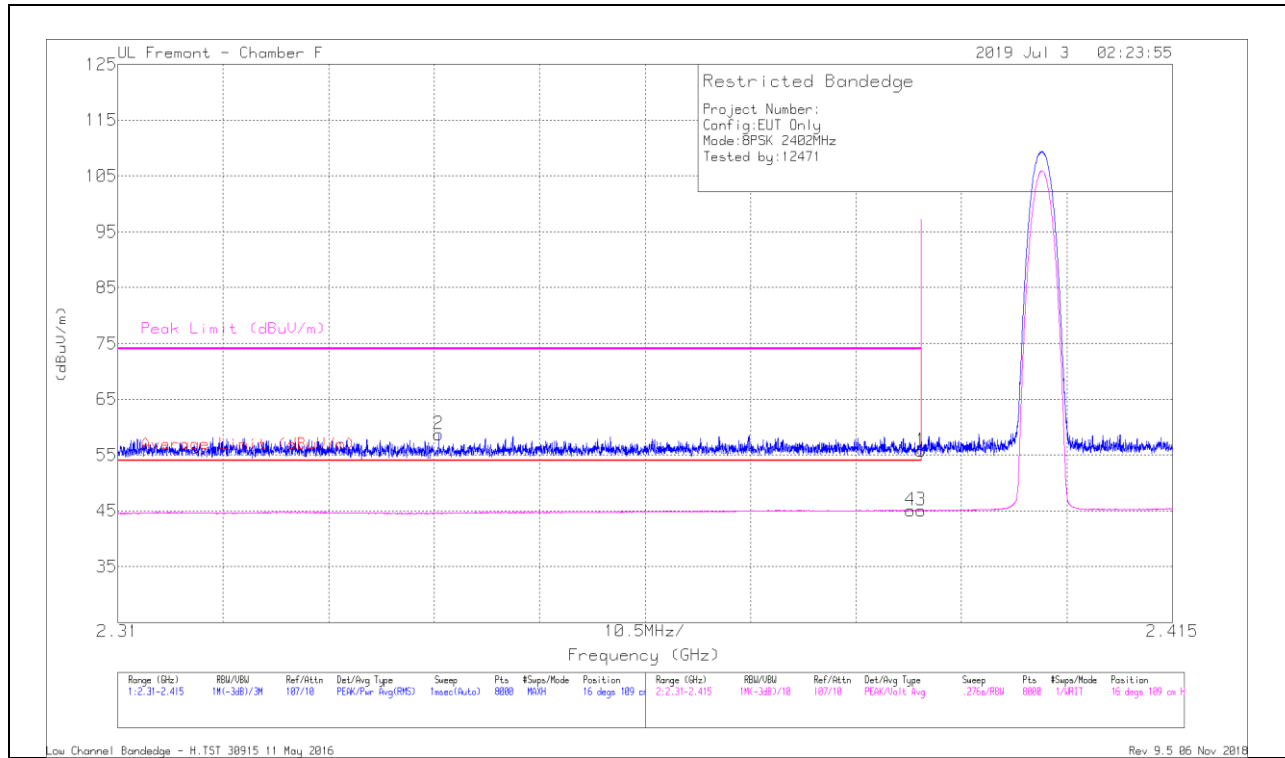
PKFH - FHSS: RB=100k/1MHz VB=3 x RB, Peak

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

Antenna 3

BANDEDGE (LOW CHANNEL)

HORIZONTAL RESULT



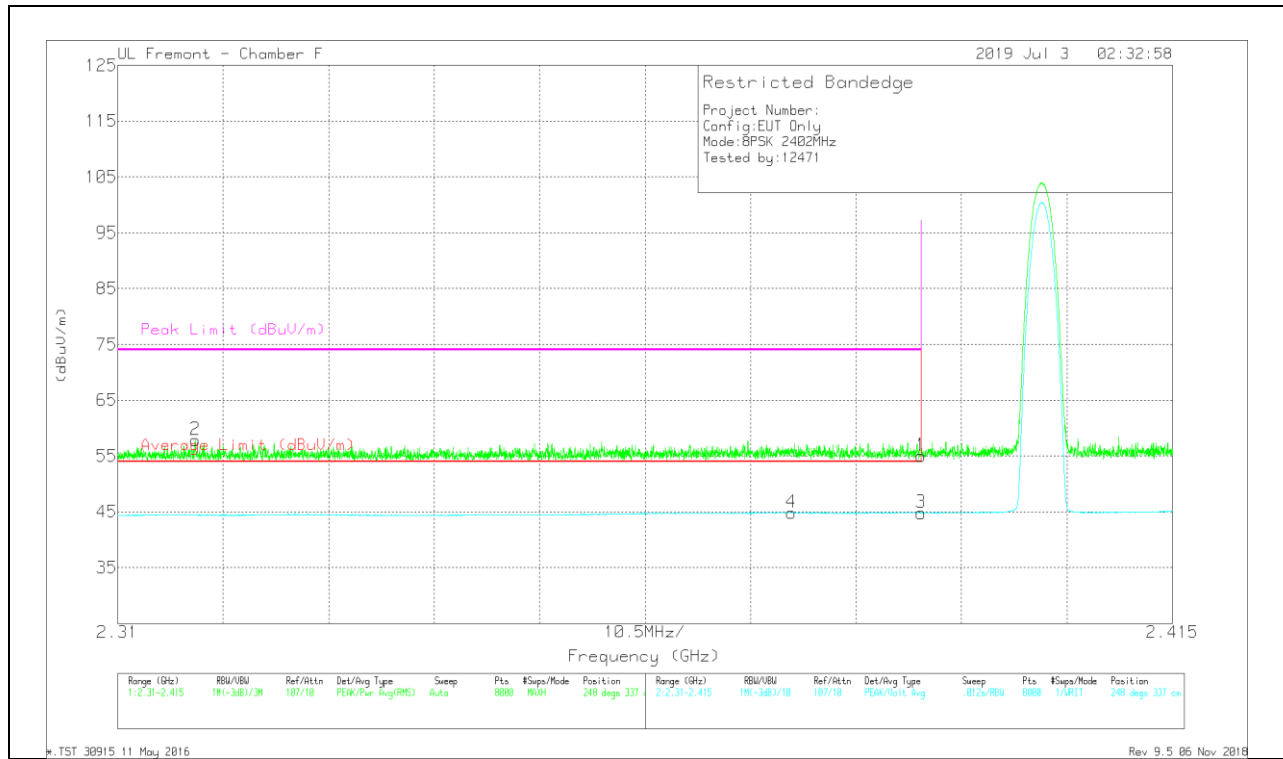
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T345 (dB/m)	Amp/Cbl/Fitr /Pad (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.39	38.24	Pk	32	-14.5	55.74	-	-	74	-18.26	16	109	H
2	* 2.342	41.61	Pk	31.6	-14.5	58.71	-	-	74	-15.29	16	109	H
3	* 2.39	27.59	VA1T	32	-14.5	45.09	54	-8.91	-	-	16	109	H
4	* 2.389	27.6	VA1T	32	-14.5	45.1	54	-8.9	-	-	16	109	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

VERTICAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T345 (dB/m)	Ampl/Cbll/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	37.56	Pk	32	-14.5	55.06	-	-	74	-18.94	248	337	V
2	* 2.318	40.75	Pk	31.7	-14.6	57.85	-	-	74	-16.15	248	337	V
3	* 2.39	27.27	VA1T	32	-14.5	44.77	54	-9.23	-	-	248	337	V
4	* 2.377	27.37	VA1T	31.9	-14.4	44.87	54	-9.13	-	-	248	337	V

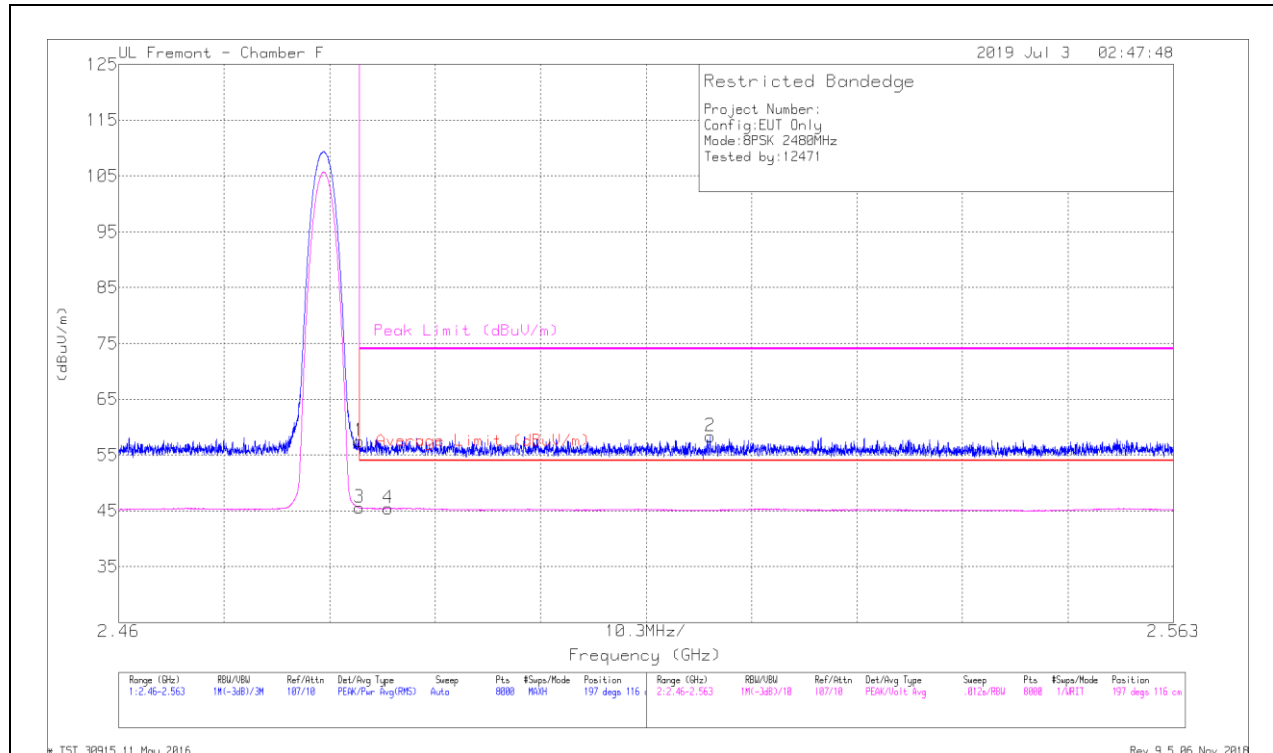
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

Pk - Peak detector

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

BANDEGE (HIGH CHANNEL)

HORIZONTAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T345 (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	* 2.484	39.76	Pk	32.4	-14.7	57.46	-	-	74	-16.54	197	116	H
2	2.518	40.65	Pk	32.4	-14.7	58.35	-	-	74	-15.65	197	116	H
3	* 2.484	27.83	VA1T	32.4	-14.7	45.53	54	-8.47	-	-	197	116	H
4	* 2.486	27.79	VA1T	32.3	-14.6	45.49	54	-8.51	-	-	197	116	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

VERTICAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T345 (dB/m)	Ampl/Cbll/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	37.62	Pk	32.4	-14.7	55.32	-	-	74	-18.68	223	243	V
2	* 2.493	40.8	Pk	32.4	-14.7	58.5	-	-	74	-15.5	223	243	V
3	* 2.484	27.4	VA1T	32.4	-14.7	45.1	54	-8.9	-	-	223	243	V
4	2.558	27.47	VA1T	32.4	-14.5	45.37	54	-8.63	-	-	223	243	V

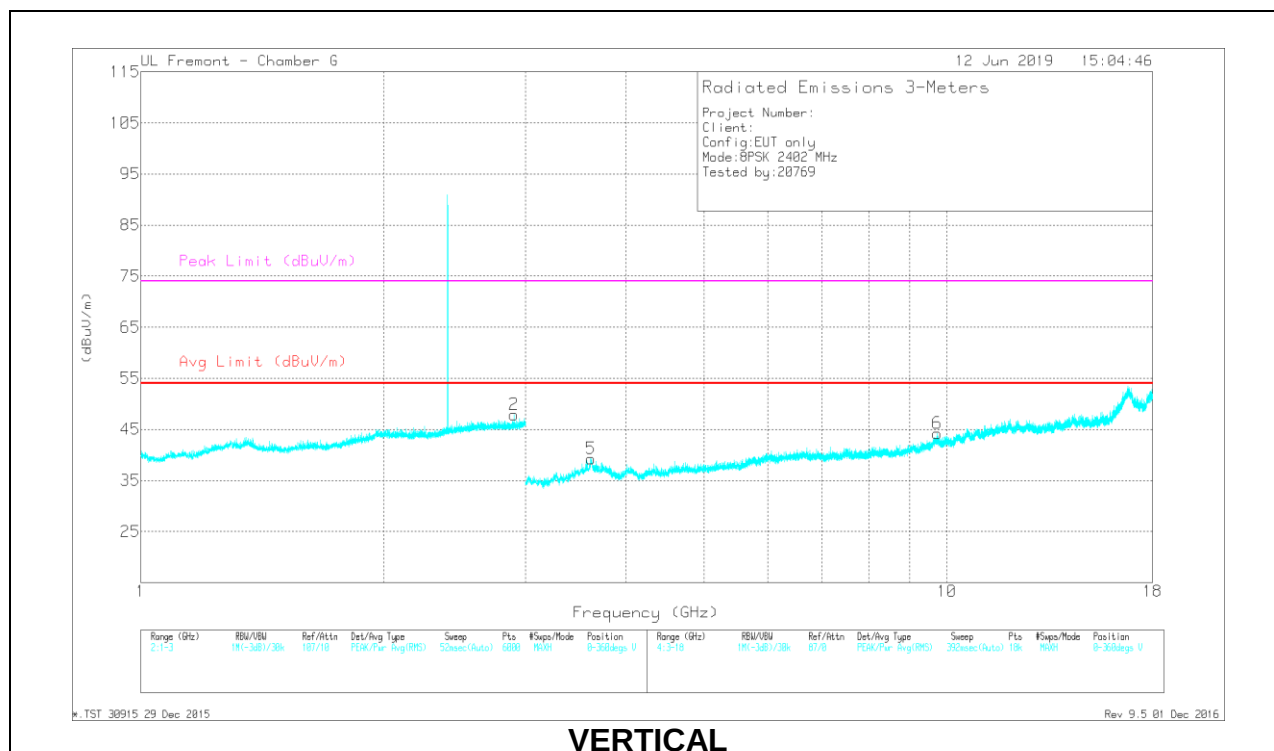
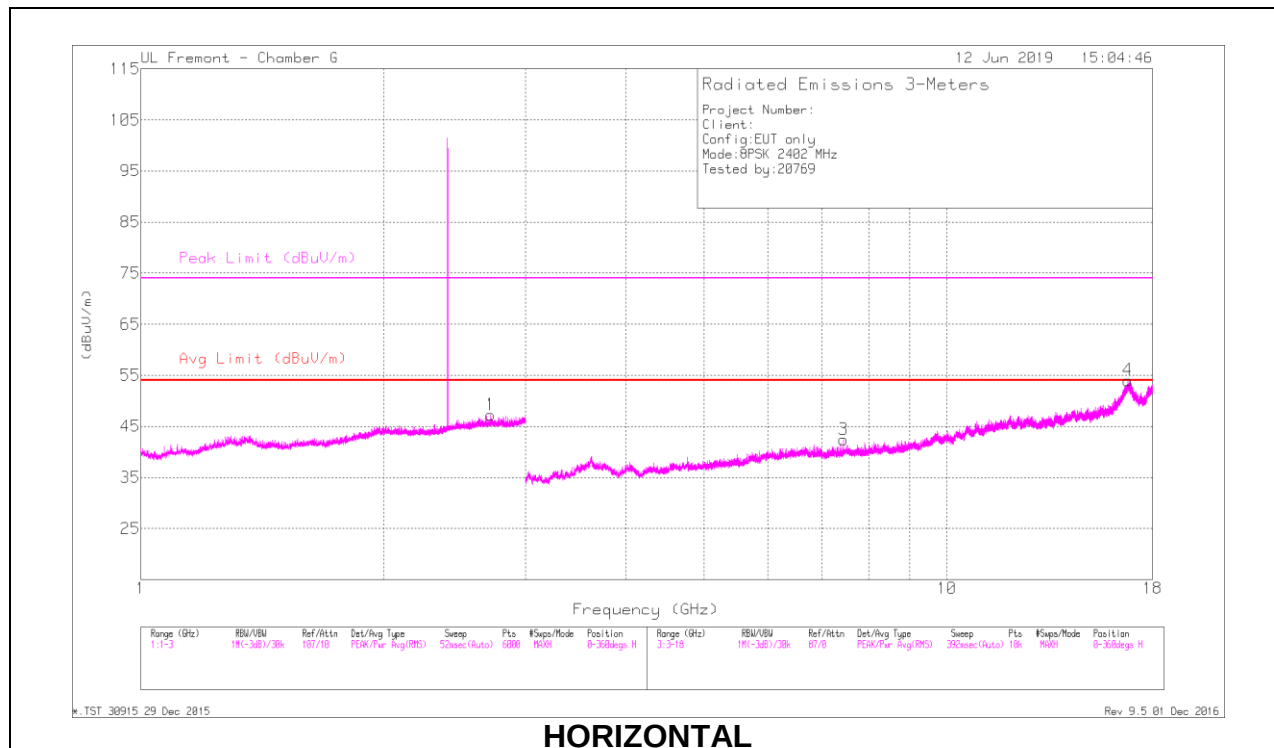
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

Pk - Peak detector

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

HARMONICS AND SPURIOUS EMISSIONS

LOW CHANNEL RESULTS



RADIATED EMISSIONS

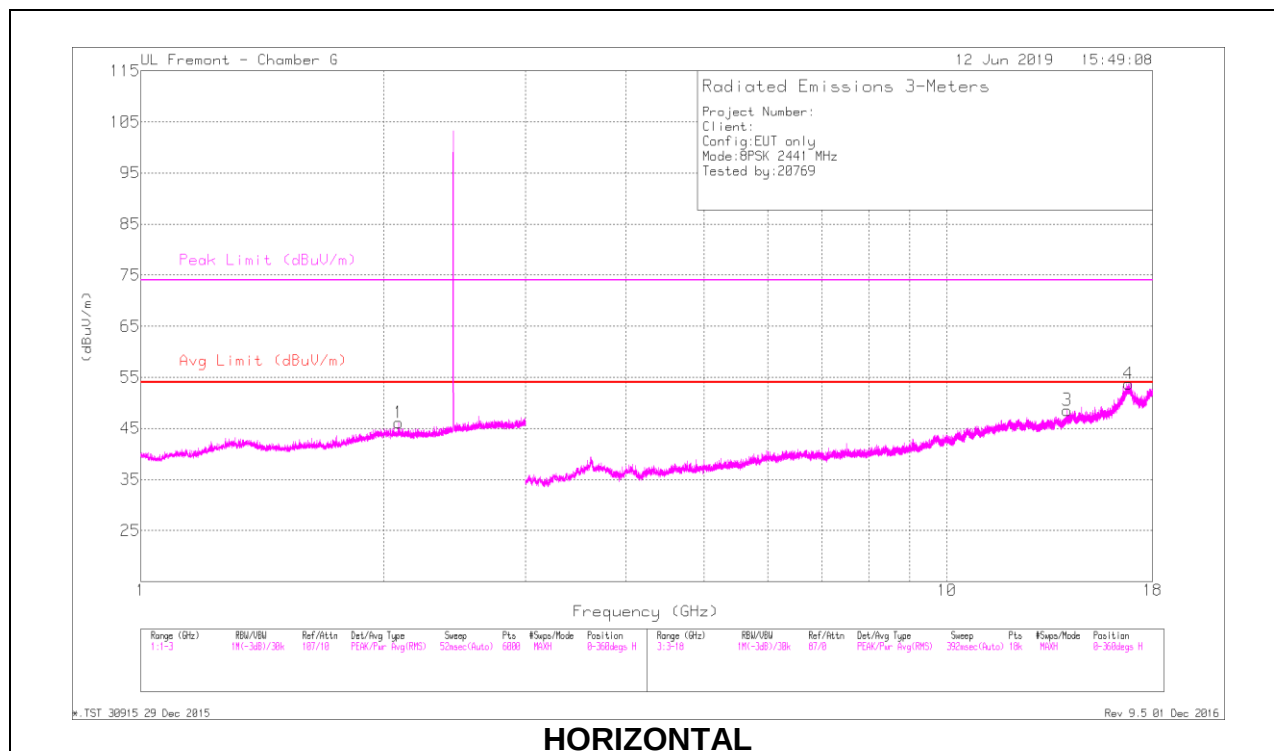
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T120 (dB/m)	Amp/Cbl/Fitr/Pad (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.717	40.81	PKFH	32.7	-22	51.51	-	-	74	-22.49	170	149	H
	* 2.72	29.4	VA1T	32.7	-22	40.1	54	-13.9	-	-	170	149	H
3	* 7.44	38.2	PKFH	36	-27.8	46.4	-	-	74	-27.6	344	293	H
	* 7.439	26.9	VA1T	36	-27.8	35.1	54	-18.9	-	-	344	293	H
5	* 3.616	40.94	PKFH	35.6	-30.1	46.44	-	-	74	-27.56	13	285	V
	* 3.617	28.58	VA1T	35.7	-30.1	34.18	54	-19.82	-	-	13	285	V
2	2.902	41.77	PKFH	32.6	-21.8	52.57	-	-	74	-21.43	348	216	V
6	9.731	35.92	PKFH	37.4	-24.4	48.92	-	-	74	-25.08	5	129	V
4	16.785	35.53	PKFH	41.7	-17.5	59.73	-	-	74	-14.27	255	136	H

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

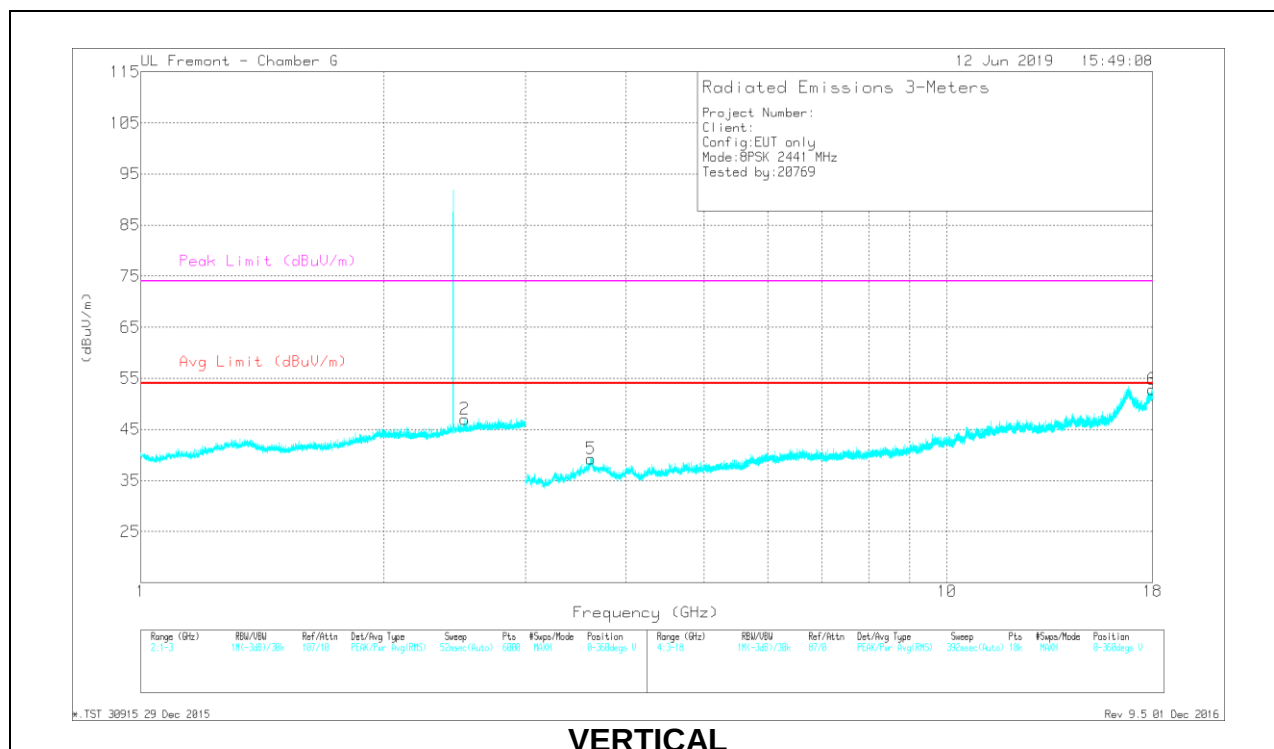
PKFH - FHSS: RB=100k/1MHz VB=3 x RB, Peak

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

MID CHANNEL RESULTS



HORIZONTAL



VERTICAL

RADIATED EMISSIONS

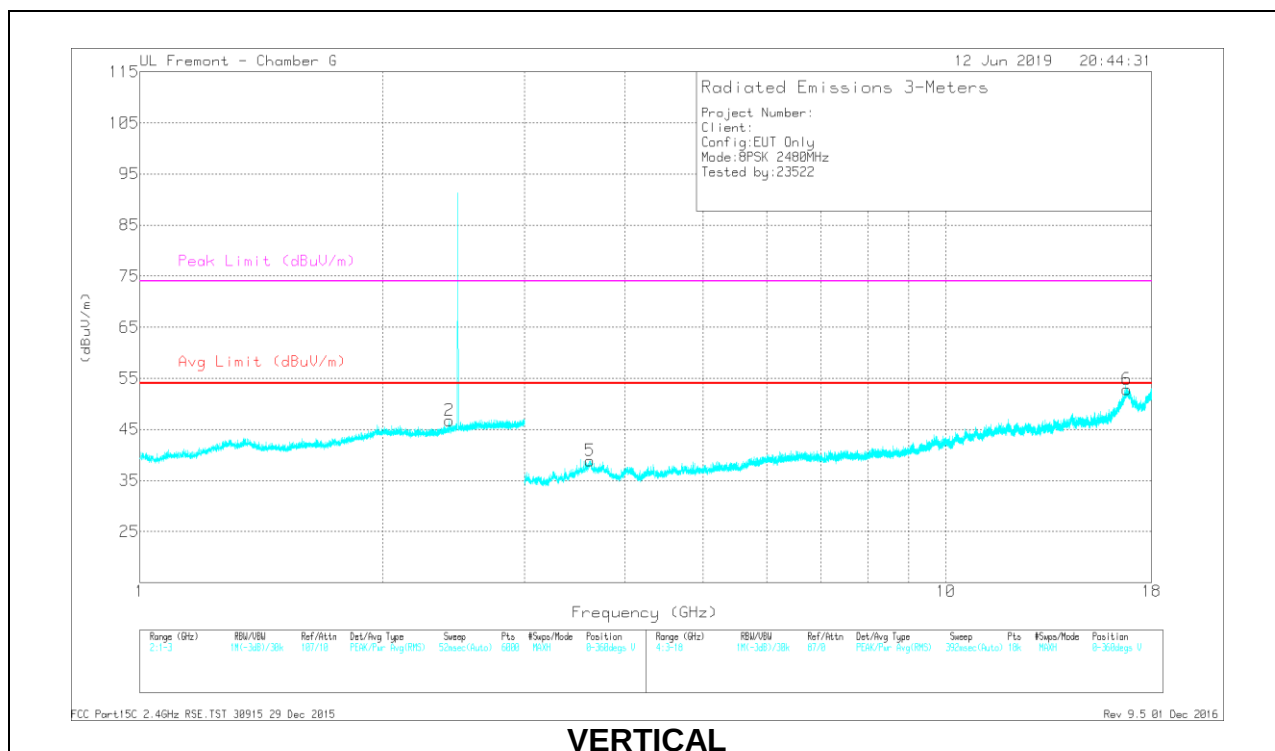
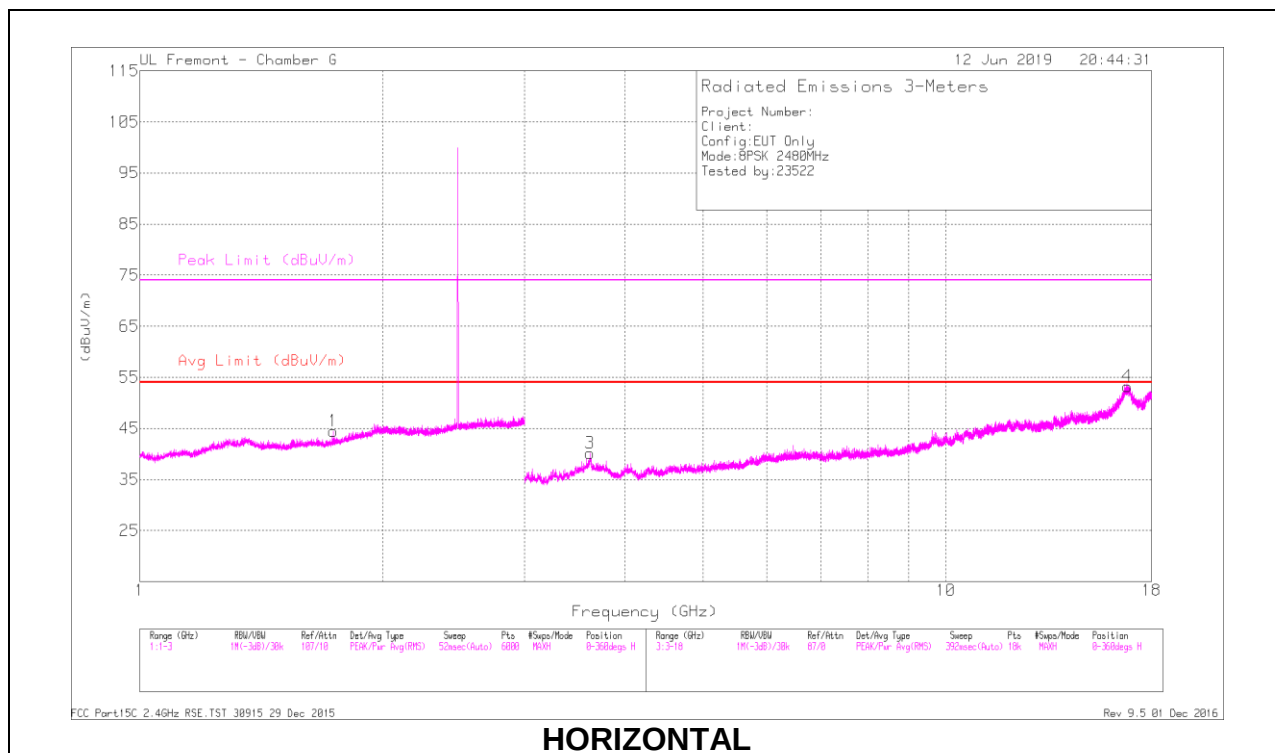
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T120 (dB/m)	Amp/Cbl/Filtr/P ad (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
5	* 3.618	40.22	PKFH	35.7	-30.1	45.82	-	-	74	-28.18	337	288	V
	* 3.62	28.26	VA1T	35.7	-30	33.96	54	-20.04	-	-	337	288	V
6	* 17.984	33.8	PKFH	42.6	-17.7	58.7	-	-	74	-15.3	232	392	V
	* 17.984	21.65	VA1T	42.6	-17.7	46.55	54	-7.45	-	-	232	392	V
1	2.087	41.39	PKFH	31.9	-22.5	50.79	-	-	74	-23.21	46	306	H
2	2.523	42.08	PKFH	32.4	-22.1	52.38	-	-	74	-21.62	224	308	V
3	14.1	37.34	PKFH	39.7	-23.2	53.84	-	-	74	-20.16	324	102	H
4	16.795	35.51	PKFH	41.8	-17.4	59.91	-	-	74	-14.09	167	155	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

HIGH CHANNEL RESULTS



RADIATED EMISSIONS

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
3	* 3.62	39.66	PKFH	35.7	-30	45.36	-	-	74	-28.64	240	235	H
	* 3.619	28.4	VA1T	35.7	-30	34.1	54	-19.9	-	-	240	235	H
5	* 3.618	39.81	PKFH	35.7	-30.1	45.41	-	-	74	-28.59	307	255	V
	* 3.619	28.14	VA1T	35.7	-30	33.84	54	-20.16	-	-	307	255	V
1	1.738	40.54	PKFH	29.3	-22.1	47.74	-	-	74	-26.26	49	115	H
2	2.421	41.3	PKFH	32.2	-22.2	51.3	-	-	74	-22.7	168	183	V
6	16.785	34.85	PKFH	41.7	-17.5	59.05	-	-	74	-14.95	136	284	V
4	16.806	34.52	PKFH	41.7	-17.7	58.52	-	-	74	-15.48	117	341	H

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

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

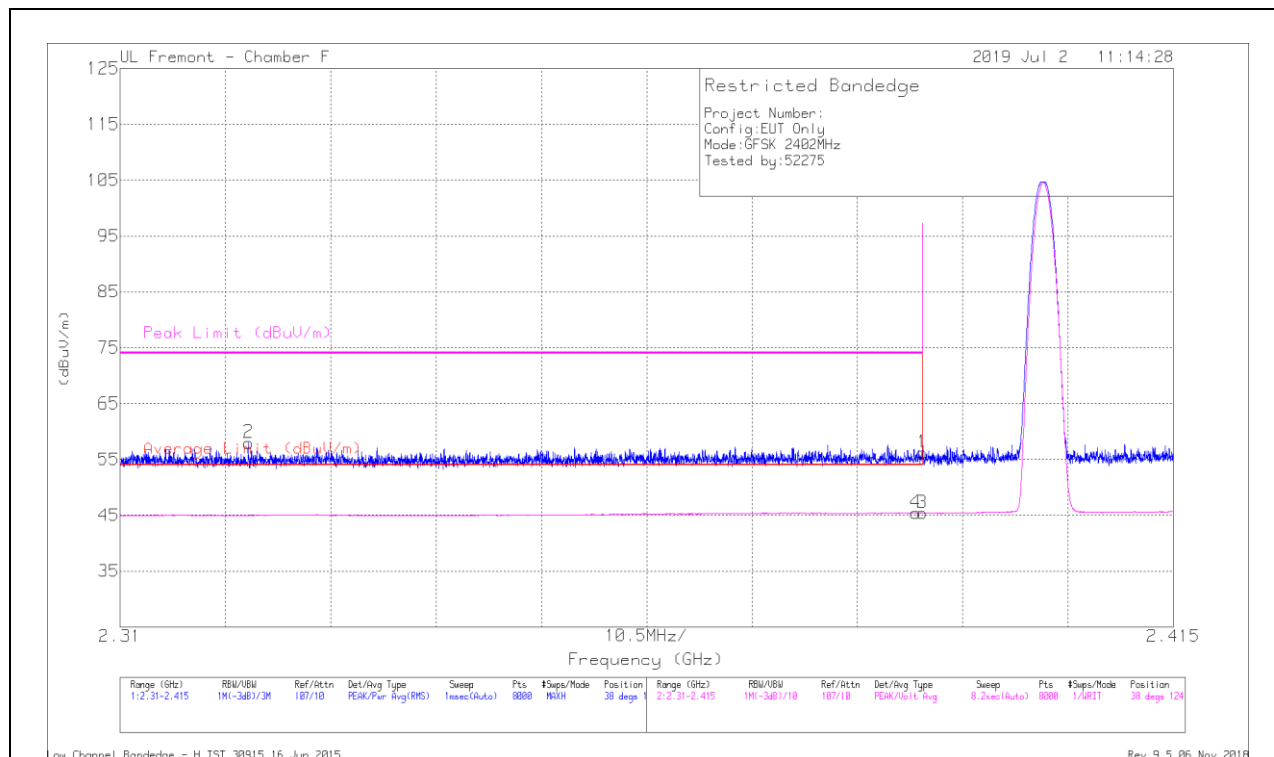
VA1T - FHSS: Linear Voltage Average VB=1/Ton where: Ton is transmit duration

9.1.3 LOW POWER BASIC DATA RATE GFSK MODULATION

Antenna 4

BANDEDGE (LOW CHANNEL)

HORIZONTAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T345 (dB/m)	AmplChl/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	38.73	Pk	32	-14.5	56.23	-	-	74	-17.77	38	124	H
2	* 2.323	40.88	Pk	31.7	-14.6	57.98	-	-	74	-16.02	38	124	H
3	* 2.39	27.89	VA1T	32	-14.5	45.39	54	-8.61	-	-	38	124	H
4	* 2.389	27.94	VA1T	32	-14.5	45.44	54	-8.56	-	-	38	124	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

VERTICAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T345 (dB/m)	Ampl/Cbll/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	36.71	Pk	32	-14.5	54.21	-	-	74	-19.79	168	341	V
2	* 2.334	40.39	Pk	31.6	-14.5	57.49	-	-	74	-16.51	168	341	V
3	* 2.39	27.87	VA1T	32	-14.5	45.37	54	-8.63	-	-	168	341	V
4	* 2.387	28.03	VA1T	31.9	-14.5	45.43	54	-8.57	-	-	168	341	V

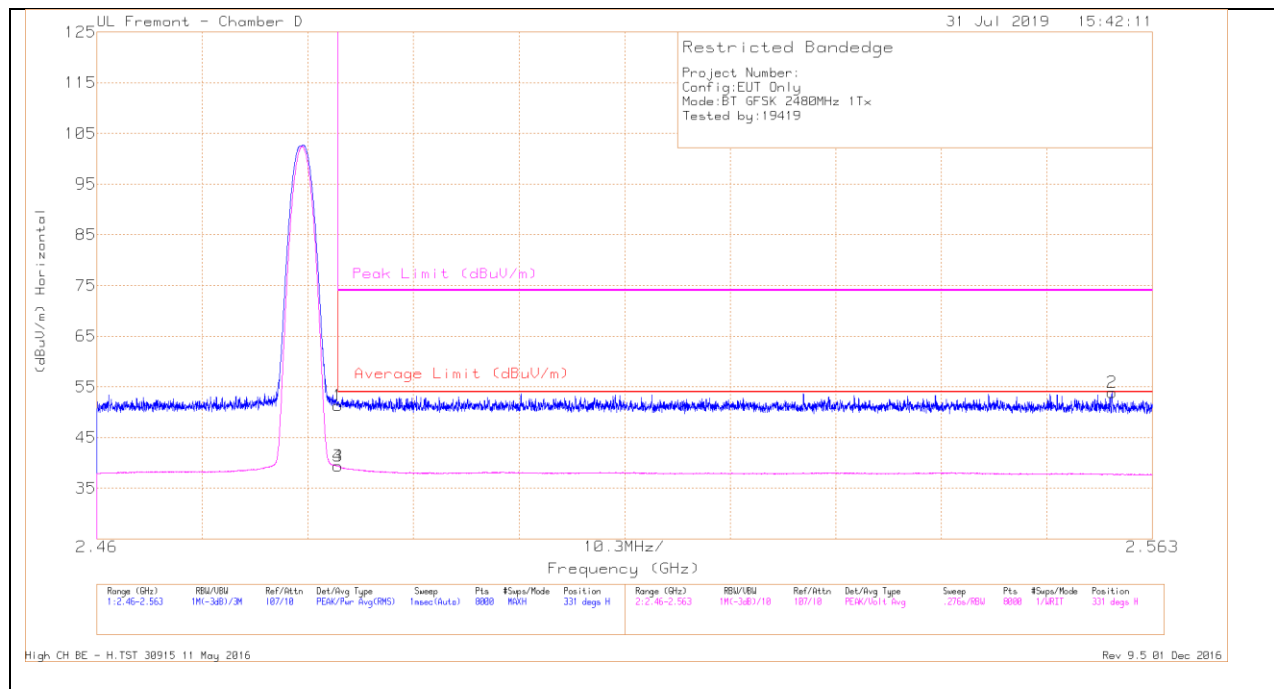
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

Pk - Peak detector

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

BANDEDGE (HIGH CHANNEL)

HORIZONTAL RESULT



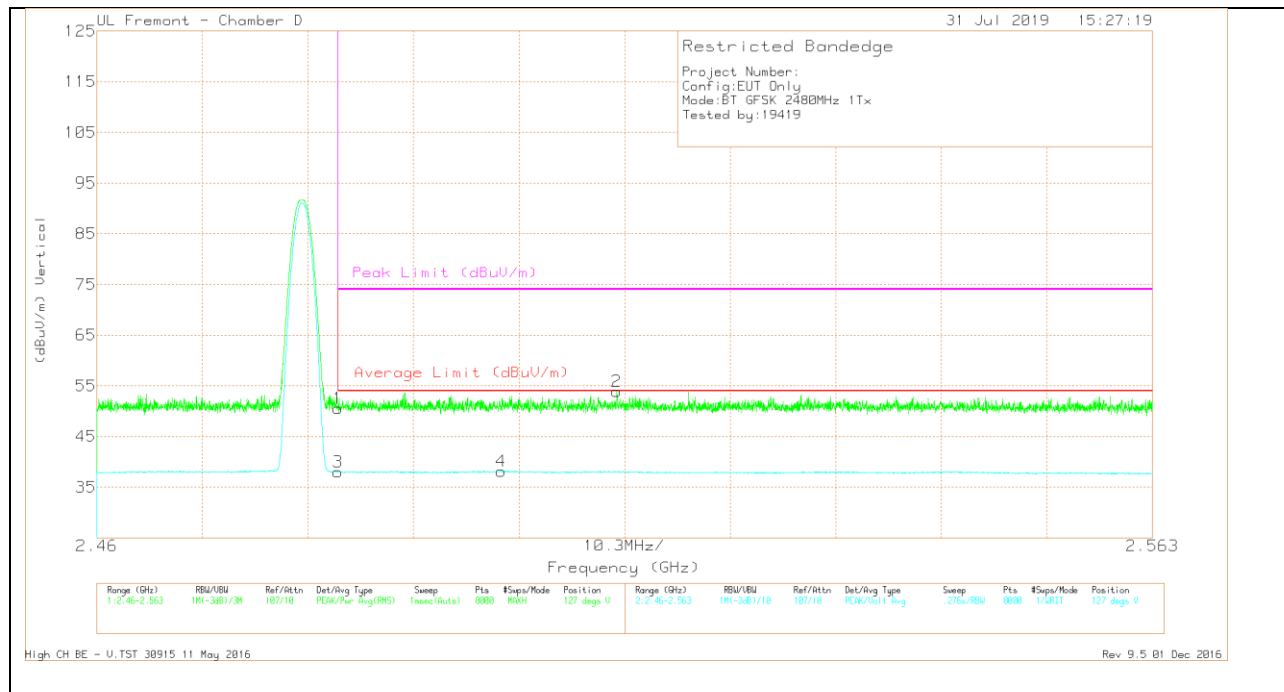
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T712 (dB/m)	Ampl/Cbl/Filtr/P ad (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.484	39.49	PK	32.4	-20.6	51.29	-	-	74	-22.71	331	219	H
3	* 2.484	27.56	VA1T	32.4	-20.6	39.36	54	-14.64	-	-	331	219	H
4	* 2.484	27.57	VA1T	32.4	-20.6	39.37	54	-14.63	-	-	331	219	H
2	2.559	42.15	PK	32.1	-20.4	53.85	-	-	74	-20.15	331	219	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

VERTICAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T712 (dB/m)	Amp/Cb/Filt/P ad (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	38.7	Pk	32.4	-20.6	50.5	-	-	74	-23.5	127	344	V
3	* 2.484	26.21	VA1T	32.4	-20.6	38.01	54	-15.99	-	-	127	344	V
4	* 2.499	26.35	VA1T	32.3	-20.5	38.15	54	-15.85	-	-	127	344	V
2	2.511	41.96	Pk	32.3	-20.4	53.86	-	-	74	-20.14	127	344	V

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

Pk - Peak detector

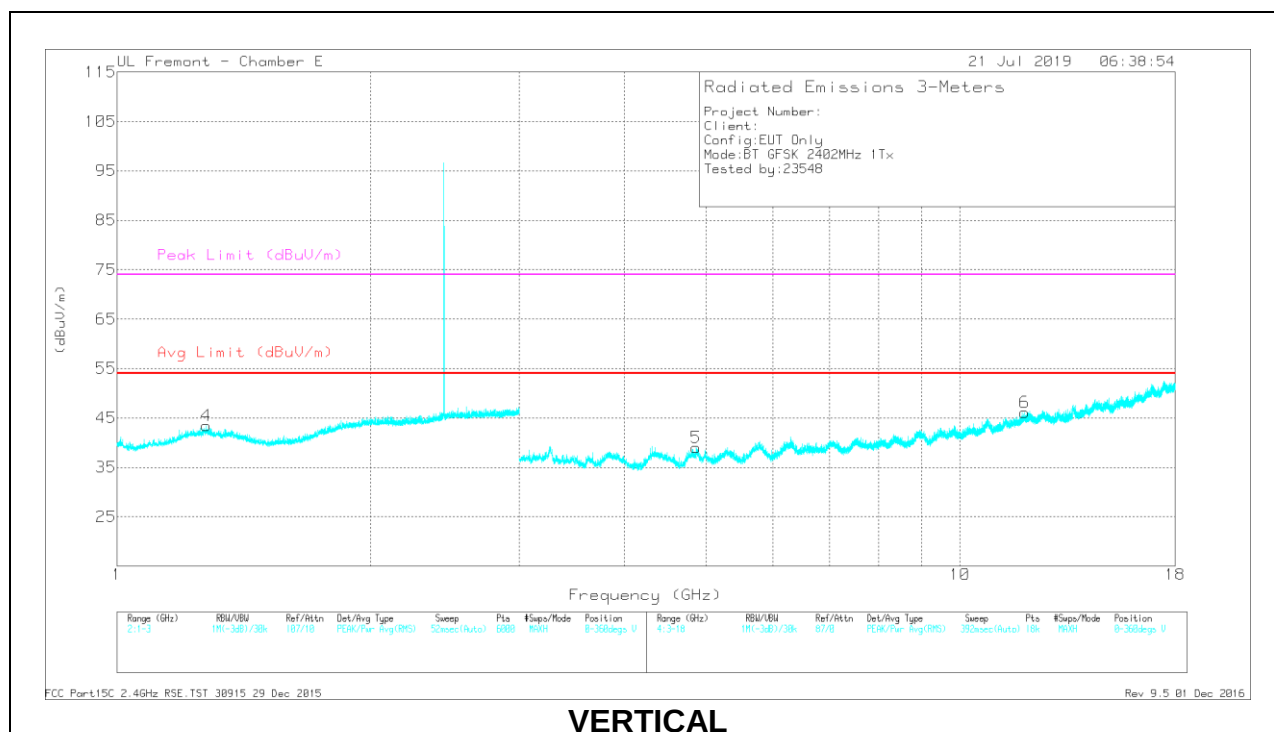
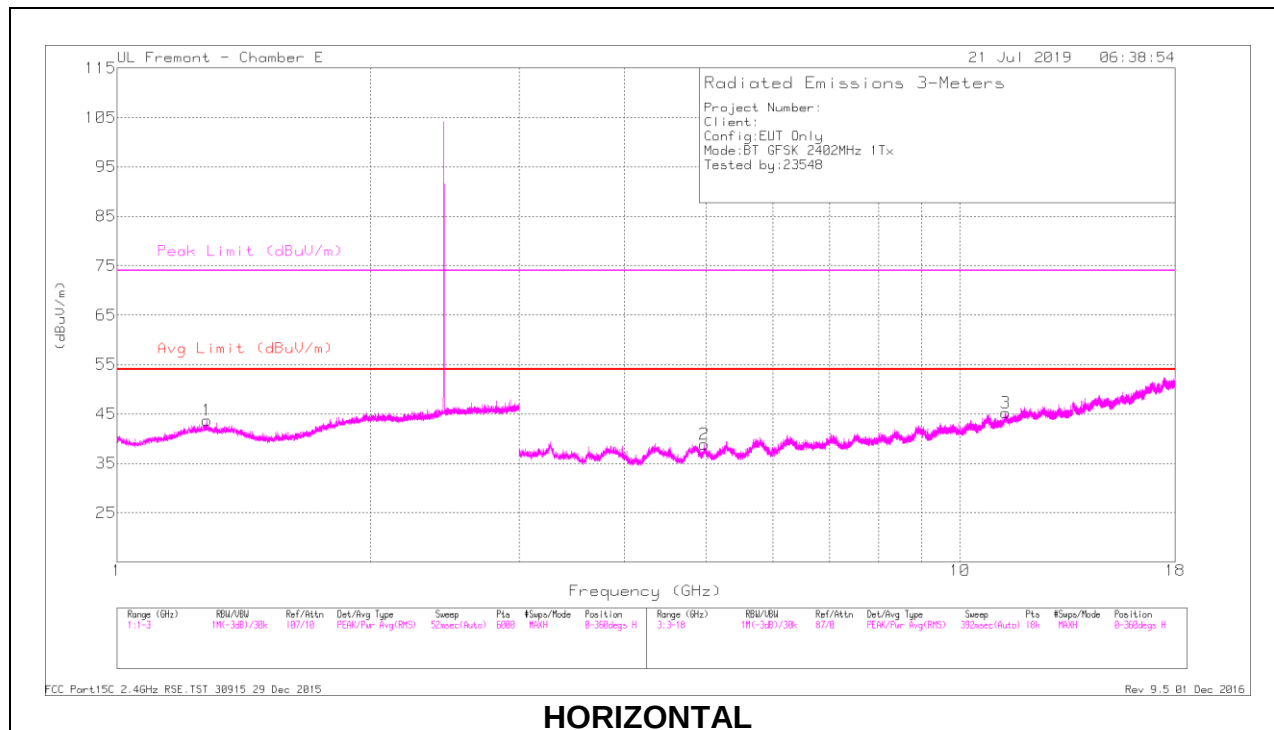
VA1T - FHSS: Linear Voltage Average VB=1/Ton where: Ton is transmit duration

High CH BE - V.TST 30915 11 May 2016

Rev 9.5 01 Dec 2016

HARMONICS AND SPURIOUS EMISSIONS

LOW CHANNEL RESULTS



RADIATED EMISSIONS

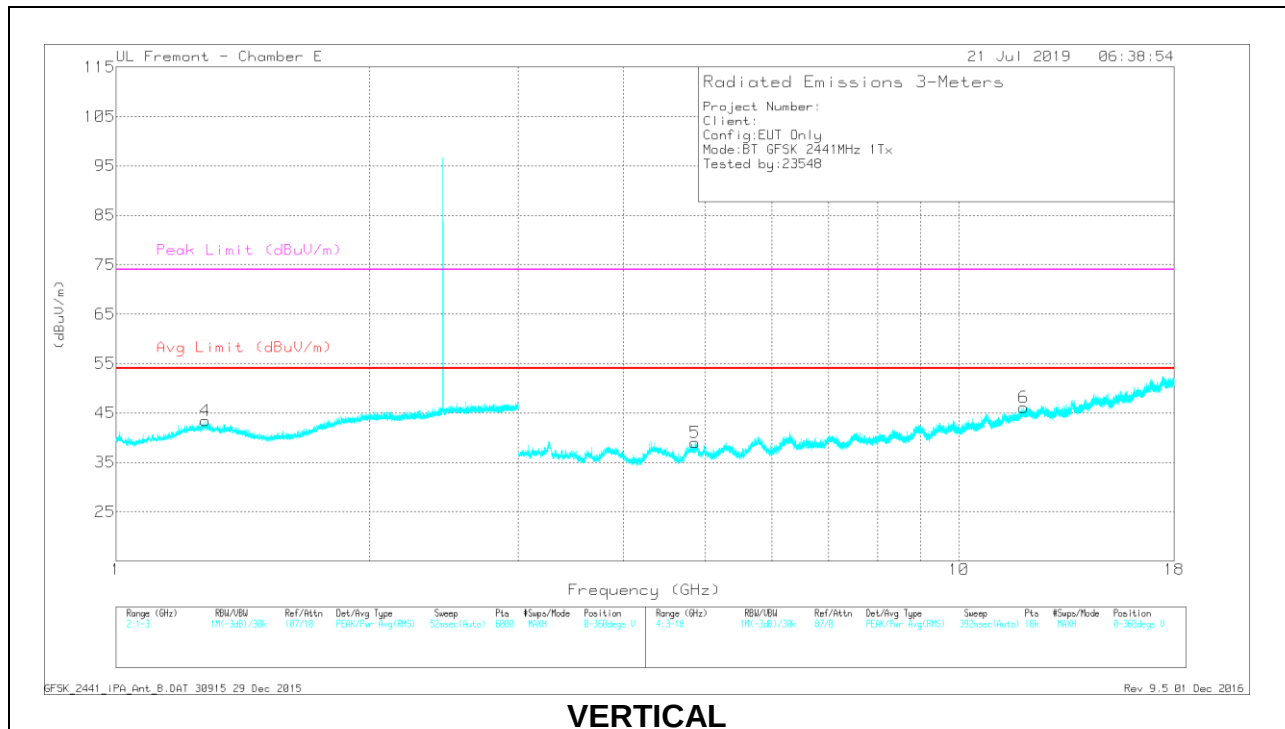
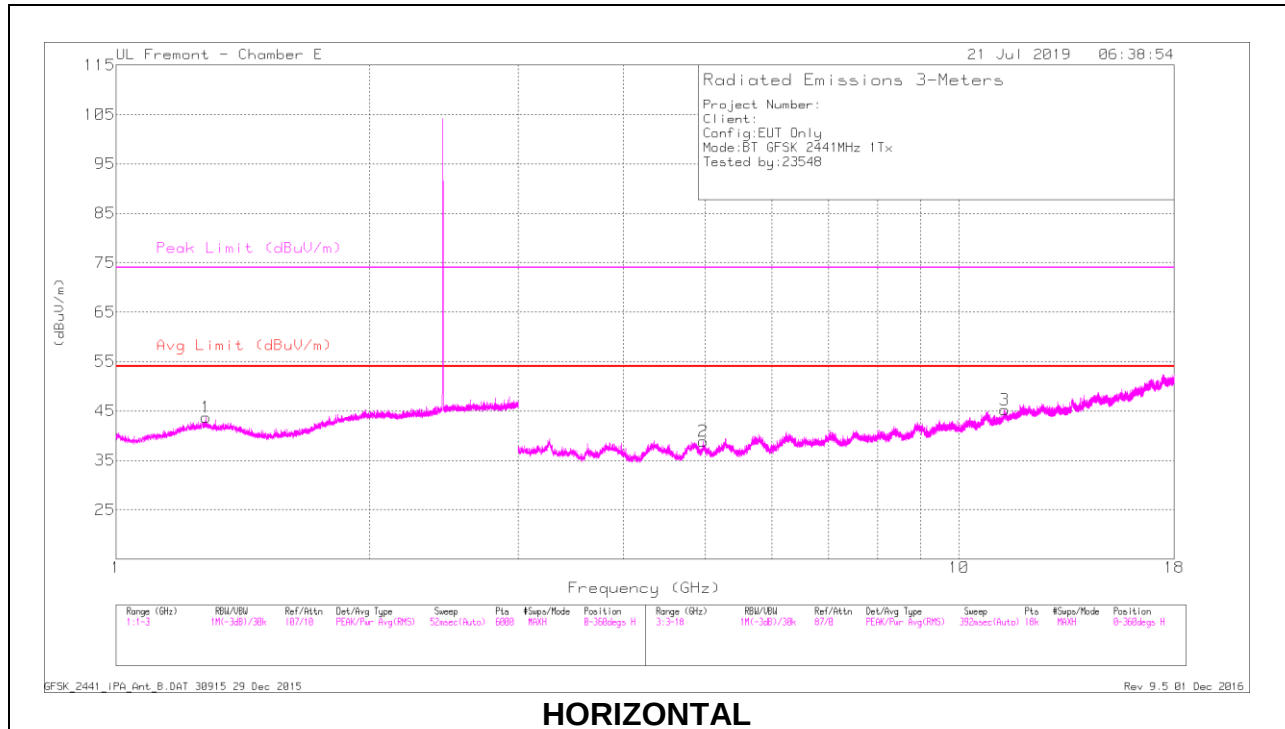
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T119 (dB/m)	Amp/Cbl/Ftr/Pad (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 1.277	44.53	PKFH	30.2	-26.2	48.53	-	-	74	-25.47	245	326	H
	* 1.28	32.74	VA1T	30.1	-26.2	36.64	54	-17.36	-	-	245	326	H
4	* 1.277	45.48	PKFH	30.2	-26.2	49.48	-	-	74	-24.52	169	241	V
	* 1.278	32.74	VA1T	30.2	-26.2	36.74	54	-17.26	-	-	169	241	V
2	* 4.969	41.51	PKFH	34.1	-30.3	45.31	-	-	74	-28.69	264	110	H
	* 4.973	29.3	VA1T	34.1	-30.3	33.1	54	-20.9	-	-	264	110	H
3	* 11.325	35.49	PKFH	38.1	-22.2	51.39	-	-	74	-22.61	19	202	H
	* 11.324	23.15	VA1T	38.1	-22.2	39.05	54	-14.95	-	-	19	202	H
5	* 4.866	40.9	PKFH	34	-29.8	45.1	-	-	74	-28.9	141	308	V
	* 4.869	28.64	VA1T	34	-29.8	32.84	54	-21.16	-	-	141	308	V
6	* 11.941	34.88	PKFH	39	-22.1	51.78	-	-	74	-22.22	123	396	V
	* 11.938	22.91	VA1T	39	-22.1	39.81	54	-14.19	-	-	123	396	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

MID CHANNEL RESULTS



RADIATED EMISSIONS

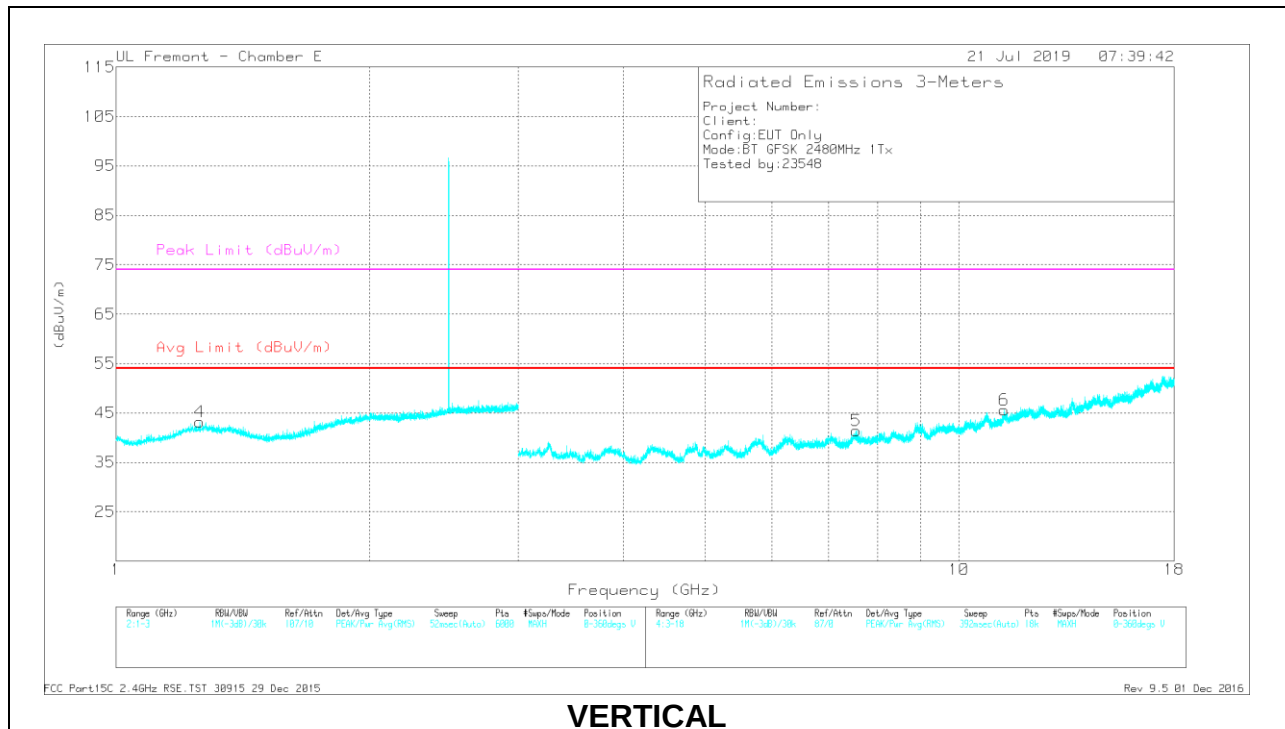
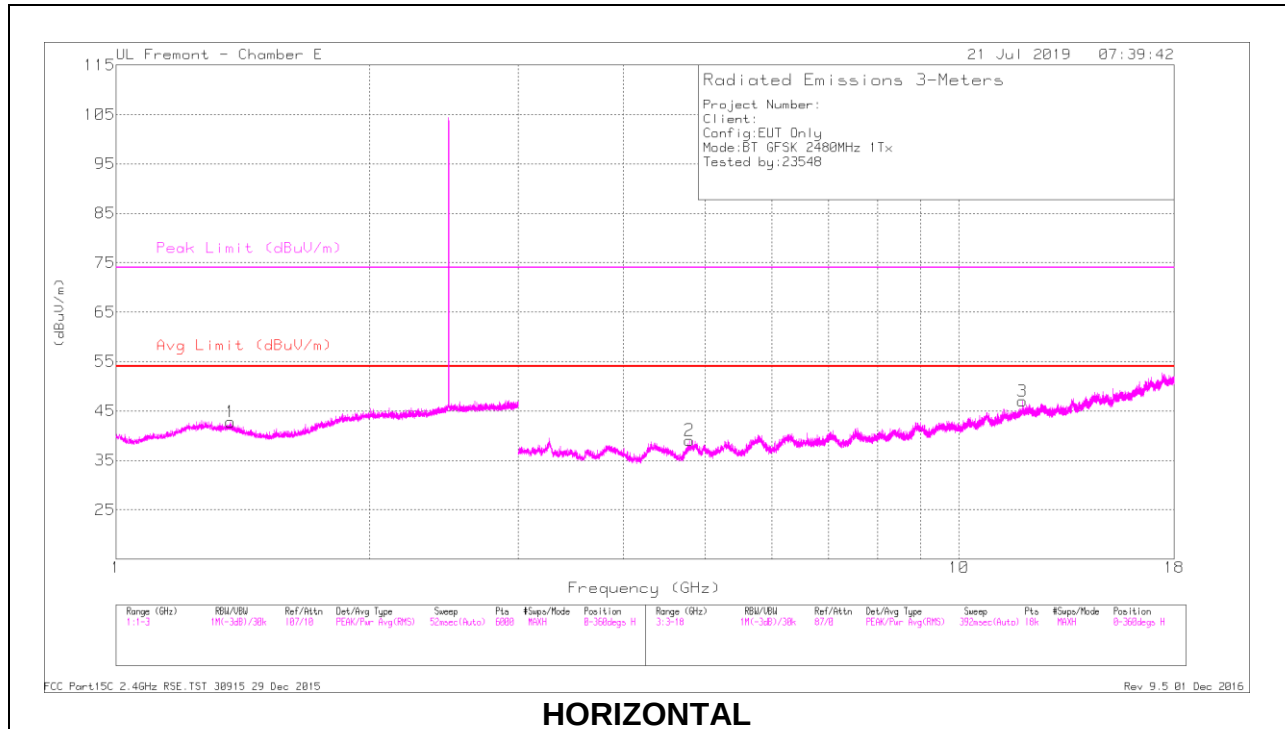
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T119 (dB/m)	Amp/Cbl/Fitr/Pad (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 1.277	44.53	PKFH	30.2	-26.2	48.53	-	-	74	-25.47	245	326	H
	* 1.28	32.74	VA1T	30.1	-26.2	36.64	54	-17.36	-	-	245	326	H
4	* 1.277	45.48	PKFH	30.2	-26.2	49.48	-	-	74	-24.52	169	241	V
	* 1.278	32.74	VA1T	30.2	-26.2	36.74	54	-17.26	-	-	169	241	V
2	* 4.969	41.51	PKFH	34.1	-30.3	45.31	-	-	74	-28.69	264	110	H
	* 4.973	29.3	VA1T	34.1	-30.3	33.1	54	-20.9	-	-	264	110	H
3	* 11.325	35.49	PKFH	38.1	-22.2	51.39	-	-	74	-22.61	19	202	H
	* 11.324	23.15	VA1T	38.1	-22.2	39.05	54	-14.95	-	-	19	202	H
5	* 4.866	40.9	PKFH	34	-29.8	45.1	-	-	74	-28.9	141	308	V
	* 4.869	28.64	VA1T	34	-29.8	32.84	54	-21.16	-	-	141	308	V
6	* 11.941	34.88	PKFH	39	-22.1	51.78	-	-	74	-22.22	123	396	V
	* 11.938	22.91	VA1T	39	-22.1	39.81	54	-14.19	-	-	123	396	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

HIGH CHANNEL RESULTS



RADIATED EMISSIONS

Marker	Frequenc y (GHz)	Meter Reading (dBuV)	Det	AF T119 (dB/m)	Amp/Cbl/Fitr/P ad (dB)	Correcte d Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 1.368	44.8	PKFH	29.8	-26.2	48.4	-	-	74	-25.6	49	241	H
	* 1.365	32.82	VA1T	29.8	-26.2	36.42	54	-17.58	-	-	49	241	H
4	* 1.258	44.13	PKFH	29.9	-26.1	47.93	-	-	74	-26.07	184	133	V
	* 1.259	32.66	VA1T	29.9	-26.2	36.36	54	-17.64	-	-	184	133	V
2	* 4.787	40.87	PKFH	34	-30.9	43.97	-	-	74	-30.03	85	311	H
	* 4.787	28.98	VA1T	34	-30.9	32.08	54	-21.92	-	-	85	311	H
3	* 11.891	34.73	PKFH	39	-22.3	51.43	-	-	74	-22.57	213	377	H
	* 11.89	23.08	VA1T	39	-22.3	39.78	54	-14.22	-	-	213	377	H
5	* 7.55	37.89	PKFH	35.8	-26.3	47.39	-	-	74	-26.61	295	235	V
	* 7.548	25.57	VA1T	35.8	-26.3	35.07	54	-18.93	-	-	295	235	V
6	* 11.313	34.52	PKFH	38.1	-22.2	50.42	-	-	74	-23.58	126	376	V
	* 11.313	23.09	VA1T	38.1	-22.2	38.99	54	-15.01	-	-	126	376	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

Antenna 3

BANDEDGE (LOW CHANNEL)

HORIZONTAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T345 (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	* 2.339	37.97	Pk	32	-14.5	55.47	-	-	74	-18.53	40	124	H
2	* 2.368	41	Pk	31.8	-14.4	58.4	-	-	74	-15.6	40	124	H
3	* 2.339	27.88	VA1T	32	-14.5	45.38	54	-8.62	-	-	40	124	H
4	* 2.376	27.98	VA1T	31.9	-14.4	45.48	54	-8.52	-	-	40	124	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

UL Fremont - Chamber F

2019 Jul 2 09:31:05

Restricted Bandedge

Project Number:
Config: EUT Only
Mode: GFSK 2402MHz
Tested by: 52275

Peak Limit (dBu/m)

Average Limit (dBu/m)

Frequency (GHz)

10.5MHz/

Range (GHz)	RBW/VBW	Ref/Attn	Det/Avg Type	Sweep	Pls	#Sups/Mode	Position	Range (GHz)	RBW/VBW	Ref/Attn	Det/Avg Type	Sweep	Pls	#Sups/Mode	Position
1.2731~2.415	1M~300/3M	107/10	PEAK/Pwr Avg(RMS)	Immed(Auto)	8000	Null	15 degs	2.1231~2.415	1M~300/10	107/10	PEAK/Vol Avg	Once(Auto)	8000	1/WR1	15 degs 33s

GFSK 2402 U Ant1 2094.DAT 30915 16 Jun 2015

Rev 9.5 06 Nov 2018

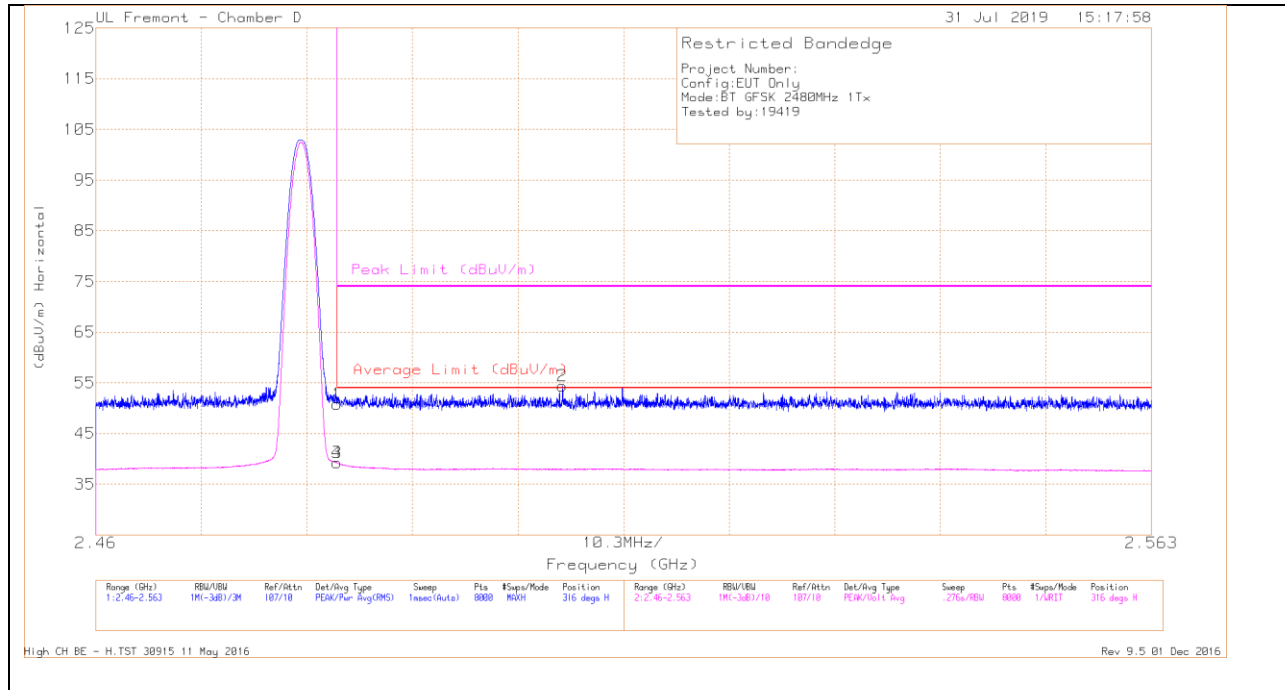
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T345 (dB/m)	Amp/Cbl/Ftr /Pad (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.39	37.19	PK	32	-14.5	54.69	-	-	74	-19.31	15	336	V
2	* 2.33	40.5	PK	31.6	-14.4	57.7	-	-	74	-16.3	15	336	V
3	* 2.39	27.85	VA1T	32	-14.5	45.35	54	-8.65	-	-	15	336	V
4	* 2.385	28.02	VA1T	31.9	-14.5	45.42	54	-8.58	-	-	15	336	V

Pk - Peak detector

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

BANEDGE (HIGH CHANNEL)

HORIZONTAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T712 (dBm)	Ampl/Cbl/Filtr/P ad (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	39.03	Pk	32.4	-20.6	50.83	-	-	74	-23.17	316	126	H
3	* 2.484	27.42	VA1T	32.4	-20.6	39.22	54	-14.78	-	-	316	126	H
4	* 2.484	27.42	VA1T	32.4	-20.6	39.22	54	-14.78	-	-	316	126	H
2	2.506	42.74	Pk	32.3	-20.6	54.44	-	-	74	-19.56	316	126	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

UL Fremont - Chamber D

31 Jul 2019 15:36:05

Restricted Bandedge

Project Number:
Config:EUT Only
Mode:BT GFSK 2400MHz 1Tx
Tested by:19419

(dBU/m) Vertical

Peak Limit (dBU/m)

Average Limit (dBU/m)

0.00

10.3MHz/

Frequency (GHz)

2.46 2.563

Range (GHz)	RBW/BBW	Ref/Att'n	Det/Avrg Type	Sweep	Pls	#Seps/Mode	Position	Range (GHz)	RBW/BBW	Ref/Att'n	Det/Avrg Type	Sweep	Pls	#Seps/Mode	Position
1.246-2.563	1M-3dB/3M	107/10	PKR/Avrg	1000	0000	1/GR1	100 degs U	2.46-2.563	1M-3dB/10	107/10	PKR/Avrg	2700/BBW	0000	1/GR1	100 degs U

High CH BE - U.TST 30915 11 May 2016

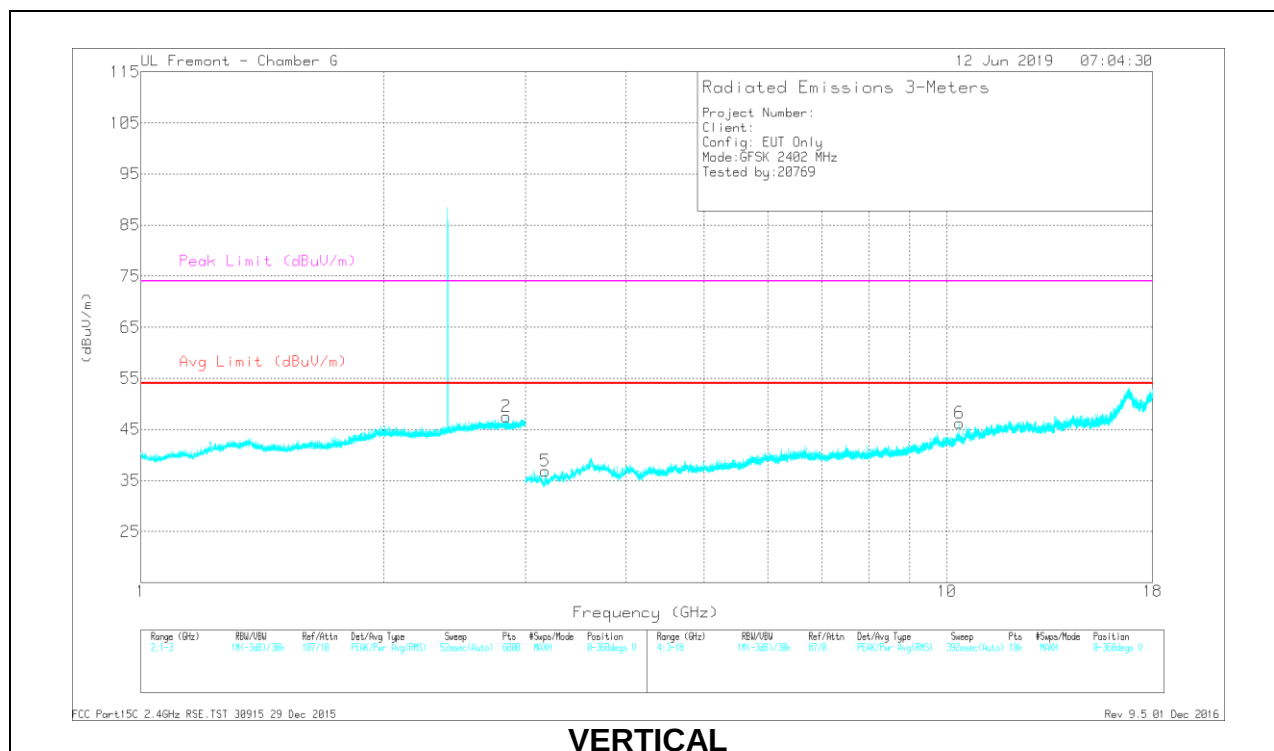
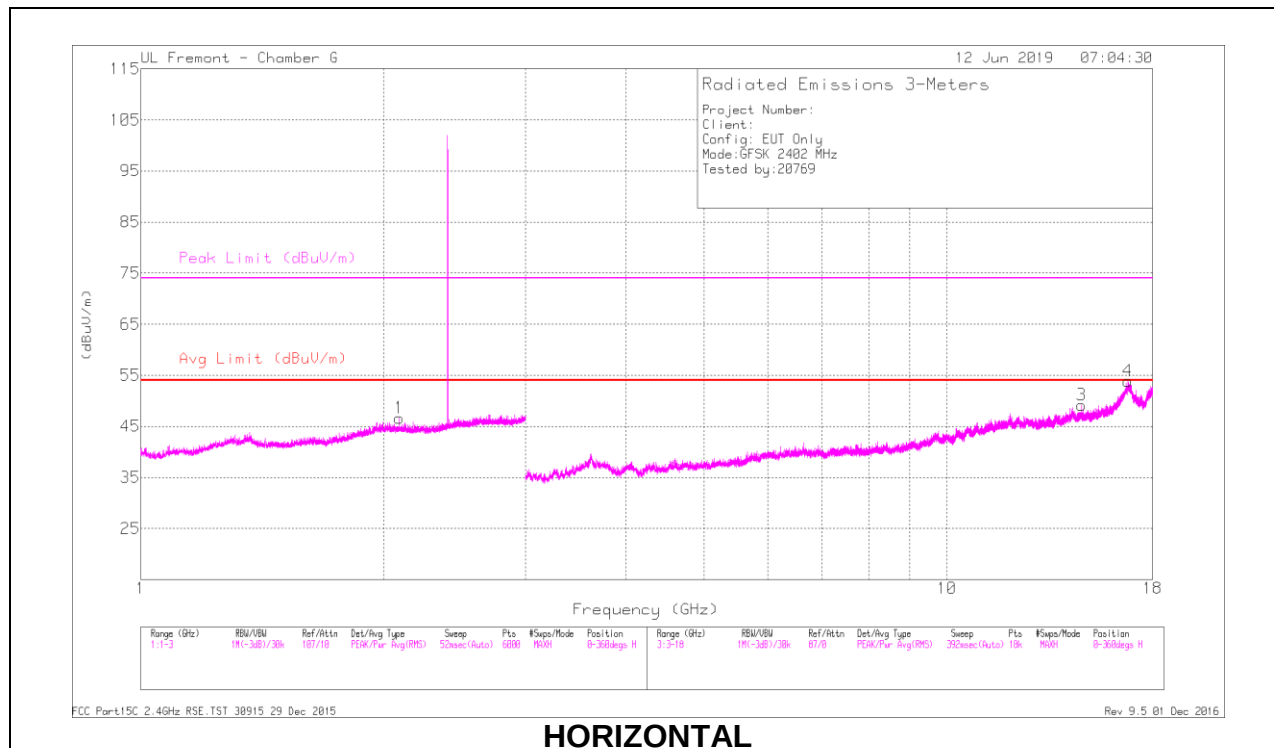
Rev 9.5 01 Dec 2016

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T712 (dB/m)	Amp/CbI/Ftr/P ad (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	39.6	Pk	32.4	-20.6	51.4	-	-	74	-22.6	102	315	V
2	* 2.491	41.35	Pk	32.4	-20.6	53.15	-	-	74	-20.85	102	315	V
3	* 2.484	26.63	VA1T	32.4	-20.6	38.43	54	-15.57	-	-	102	315	V
4	* 2.484	26.65	VA1T	32.4	-20.6	38.45	54	-15.55	-	-	102	315	V

Rev 9.5 01 Dec 2016

HARMONICS AND SPURIOUS EMISSIONS

LOW CHANNEL RESULTS



RADIATED EMISSIONS

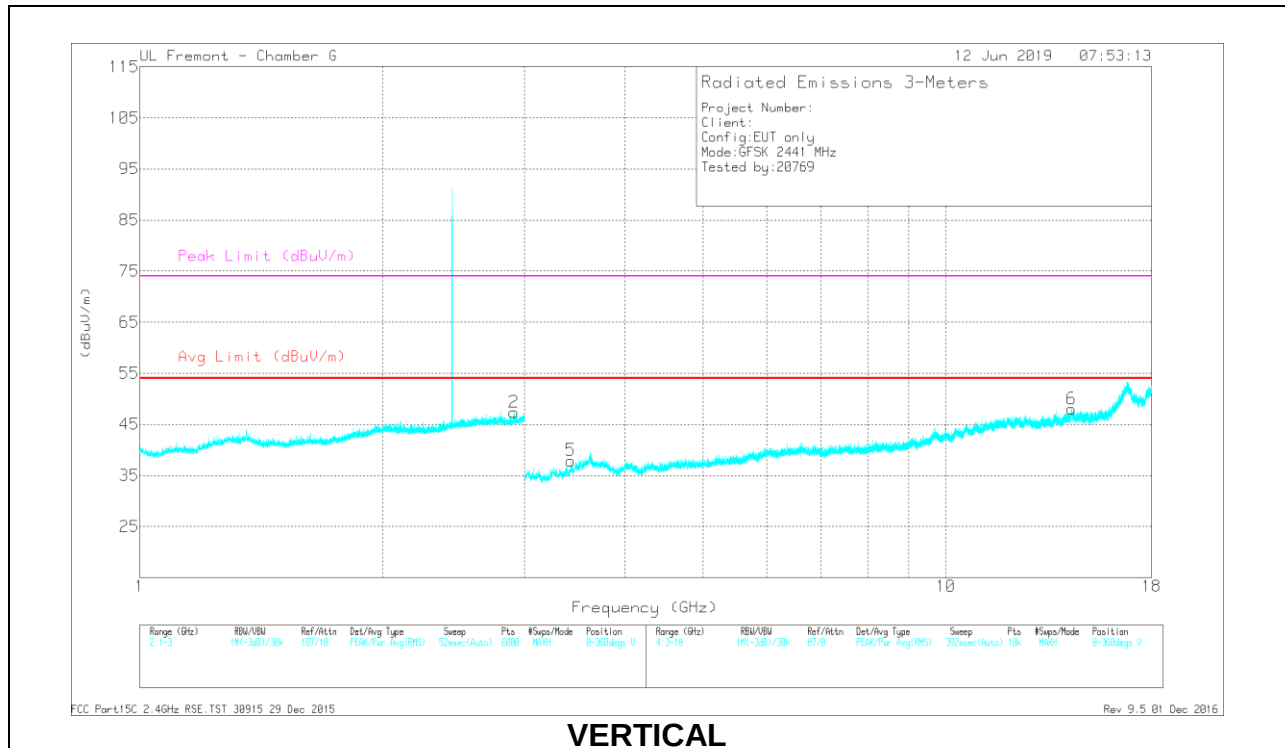
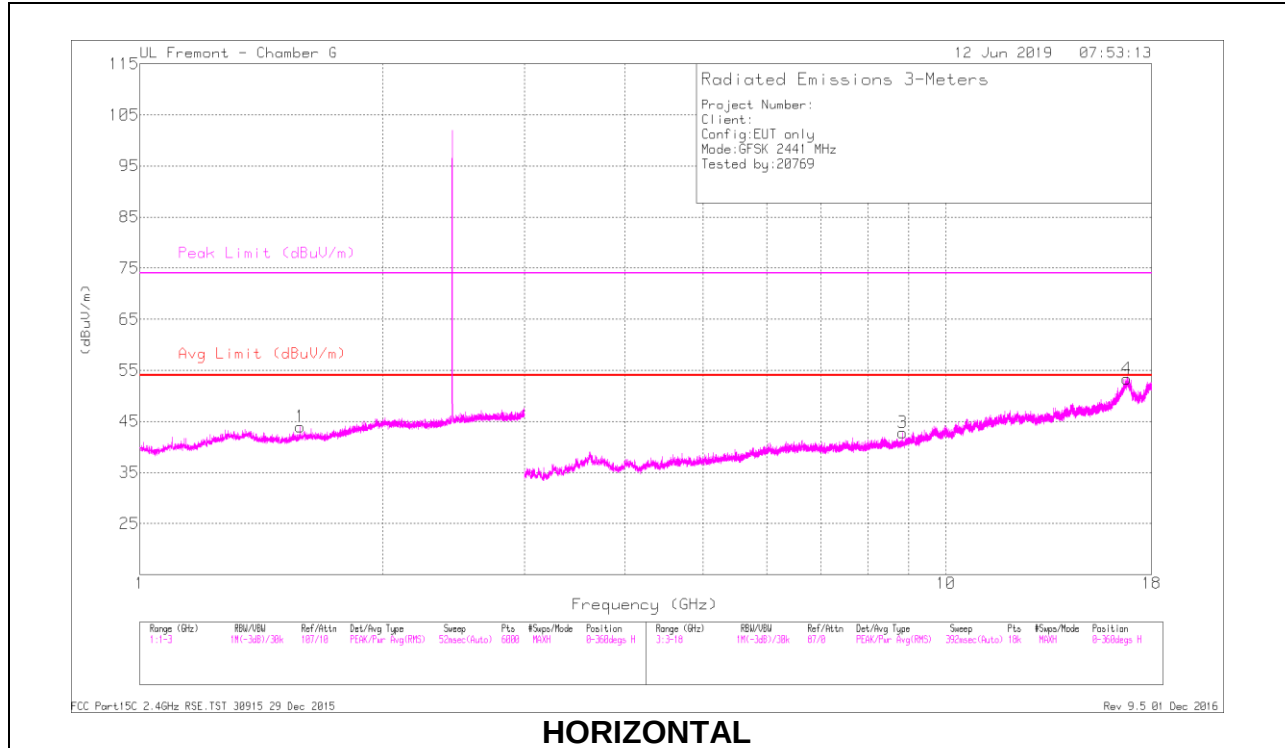
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T120 (dB/m)	Amp/Cbl/Fitr/Pad (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
2	* 2.842	41.82	PKFH	32.7	-22	52.52	-	-	74	-21.48	327	284	V
	* 2.844	29.06	VA1T	32.7	-22	39.76	54	-14.24	-	-	327	284	V
1	2.092	41.79	PKFH	32	-22.4	51.39	-	-	74	-22.61	205	164	H
5	3.177	40.76	PKFH	32.7	-30.8	42.66	-	-	74	-31.34	29	225	V
6	10.376	36.18	PKFH	37.8	-24.2	49.78	-	-	74	-24.22	344	221	V
3	14.695	36.8	PKFH	40.5	-23.7	53.6	-	-	74	-20.4	160	228	H
4	16.781	35.33	PKFH	41.8	-17.6	59.53	-	-	74	-14.47	110	239	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

MID CHANNEL RESULTS



RADIATED EMISSIONS

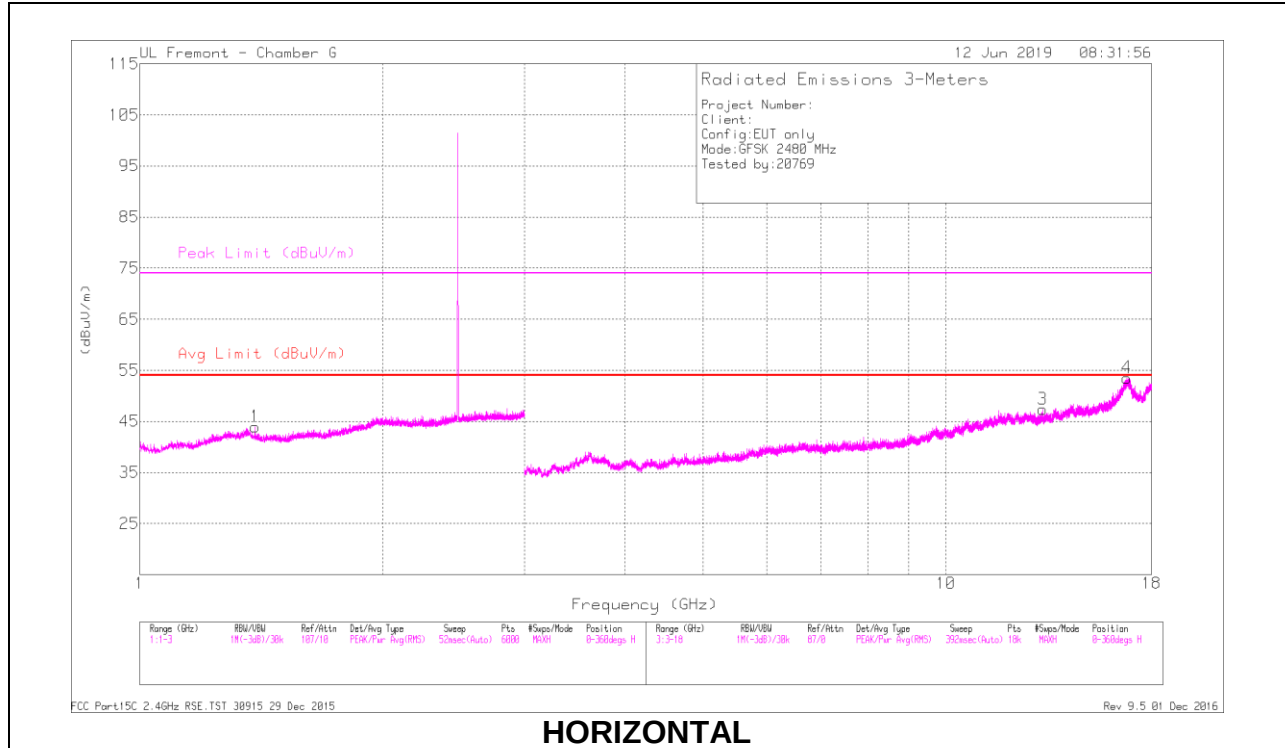
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T120 (dB/m)	Amp/Cbl/Filt/Pad (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 1.583	41.57	PKFH	27.9	-21.3	48.17	-	-	74	-25.83	272	104	H
	* 1.584	29.91	VA1T	27.9	-21.3	36.51	54	-17.49	-	-	272	104	H
2	2.914	41.38	PKFH	32.7	-21.7	52.38	-	-	74	-21.62	141	177	V
5	3.422	39.49	PKFH	33.9	-30.1	43.29	-	-	74	-30.71	204	400	V
3	8.845	36.92	PKFH	36.3	-26.3	46.92	-	-	74	-27.08	252	259	H
6	14.33	36.56	PKFH	40	-22.5	54.06	-	-	74	-19.94	13	277	V
4	16.772	35.84	PKFH	41.8	-17.9	59.74	-	-	74	-14.26	218	136	H

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

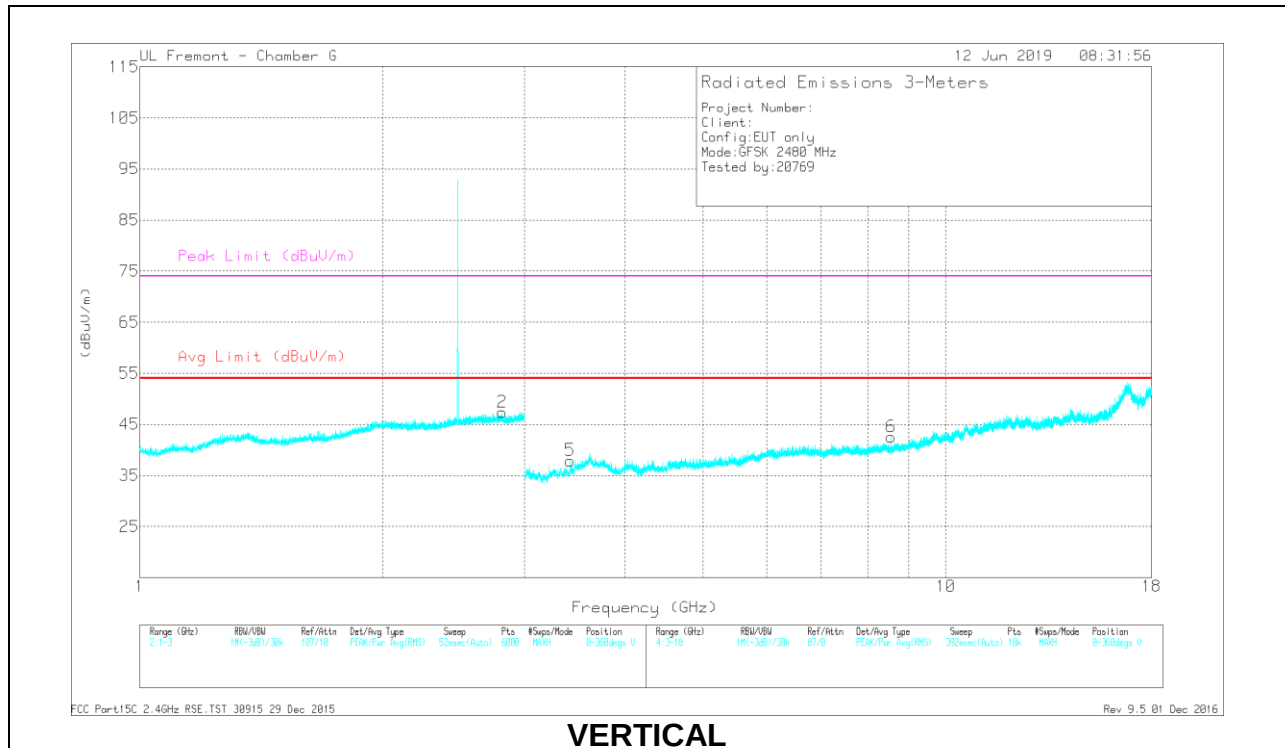
PKFH - FHSS: RB=100k/1MHz VB=3 x RB, Peak

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

HIGH CHANNEL RESULTS



HORIZONTAL



VERTICAL

RADIATED EMISSIONS

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	* 1.39	42.18	PKFH	29.2	-23.1	48.28	-	-	74	-25.72	125	148	H
	* 1.388	30.29	VA1T	29.3	-23.1	36.49	54	-17.51	-	-	125	148	H
2	* 2.817	40.91	PKFH	32.8	-22	51.71	-	-	74	-22.29	313	304	V
	* 2.818	29.39	VA1T	32.7	-22	40.09	54	-13.91	-	-	313	304	V
5	3.419	39.44	PKFH	33.9	-30.1	43.24	-	-	74	-30.76	230	362	V
6	8.563	37.35	PKFH	36.1	-26.8	46.65	-	-	74	-27.35	5	131	V
3	13.195	35.9	PKFH	39.6	-23.1	52.4	-	-	74	-21.6	70	135	H
4	16.764	36.46	PKFH	41.8	-18.2	60.06	-	-	74	-13.94	307	386	H

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

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

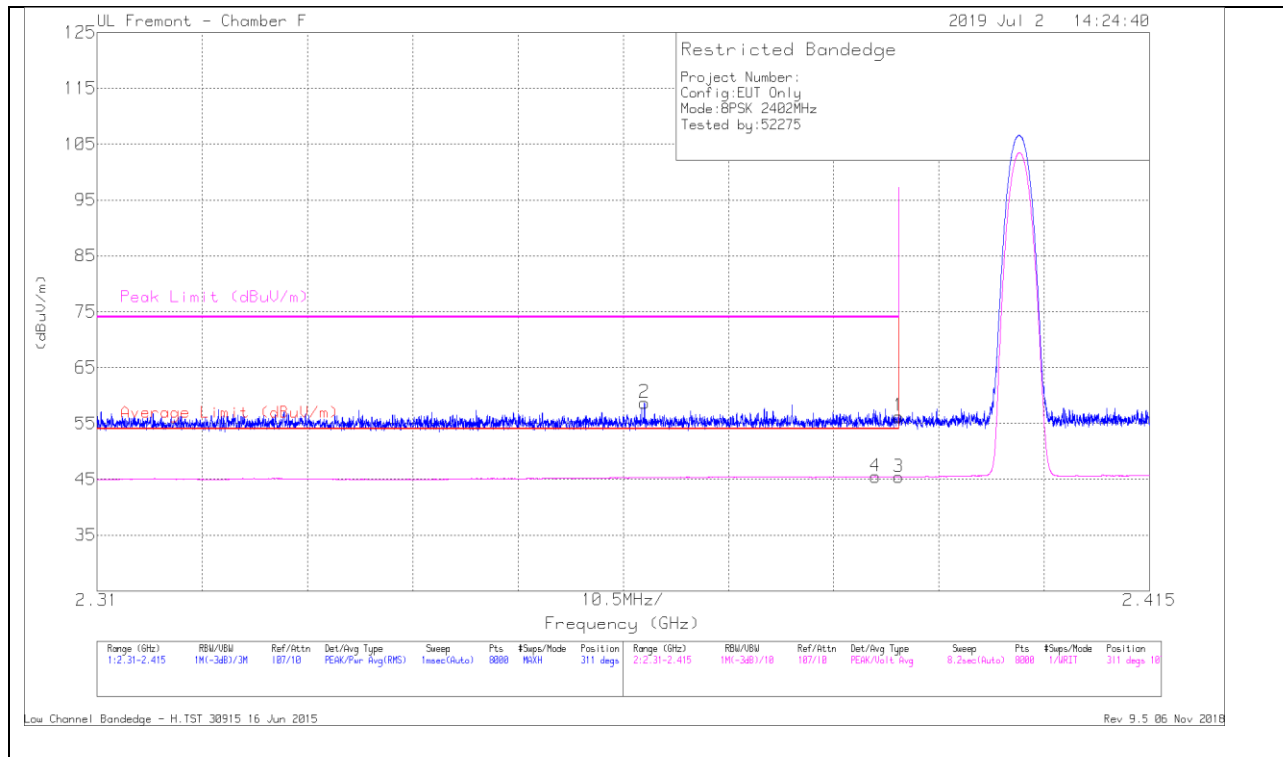
VA1T - FHSS: Linear Voltage Average VB=1/Ton where: Ton is transmit duration

9.1.4 LOW POWER ENHANCED DATA RATE 8PSK MODULATION

Antenna 4

BANDEDGE (LOW CHANNEL)

HORIZONTAL RESULT



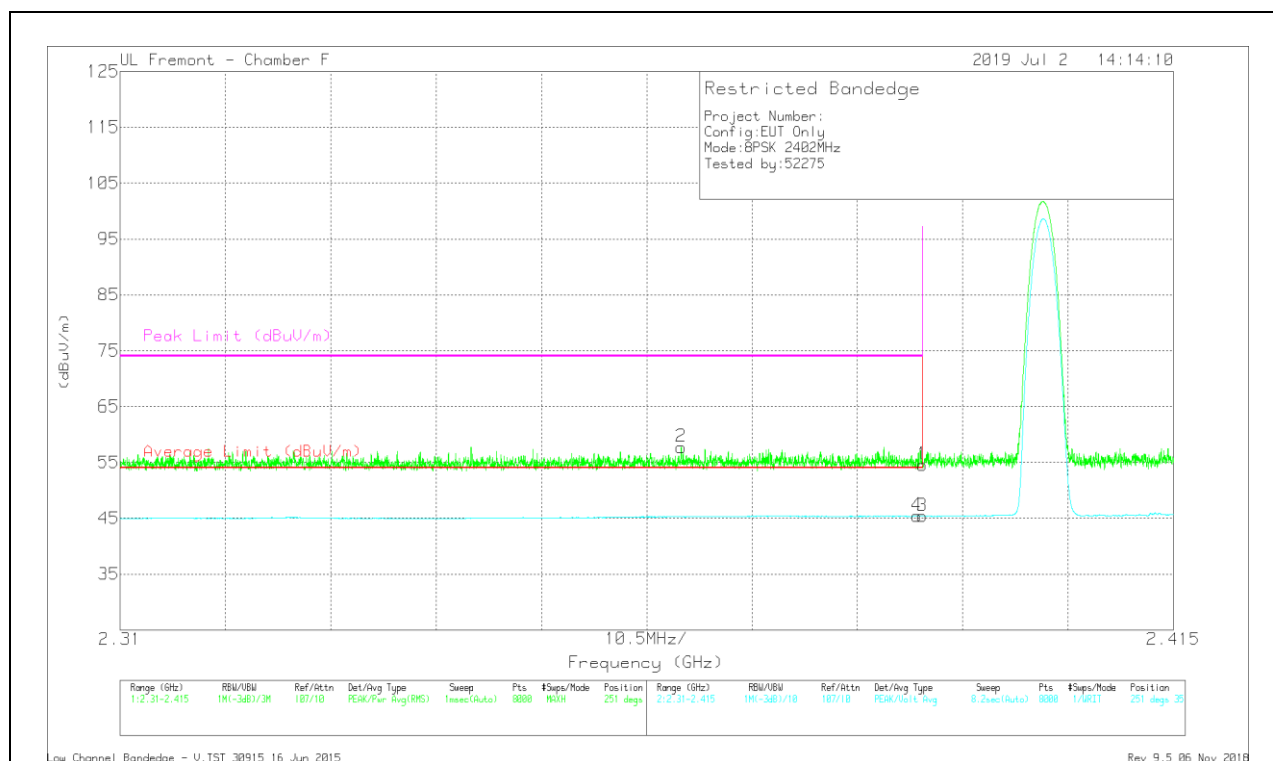
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T345 (dB/m)	AmplChl/Fitr /Pad (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.39	38.8	Pk	32	-14.5	56.3	-	-	74	-17.7	311	107	H
2	* 2.365	41.29	Pk	31.8	-14.4	58.69	-	-	74	-15.31	311	107	H
3	* 2.39	27.9	VA1T	32	-14.5	45.4	54	-8.6	-	-	311	107	H
4	* 2.388	28.09	VA1T	31.9	-14.5	45.49	54	-8.51	-	-	311	107	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

VERTICAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T345 (dB/m)	Ampl/Cbll/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	37.09	Pk	32	-14.5	54.59	-	-	74	-19.41	251	351	V
2	* 2.366	40.36	Pk	31.8	-14.4	57.76	-	-	74	-16.24	251	351	V
3	* 2.39	27.89	VA1T	32	-14.5	45.39	54	-8.61	-	-	251	351	V
4	* 2.389	27.93	VA1T	32	-14.5	45.43	54	-8.57	-	-	251	351	V

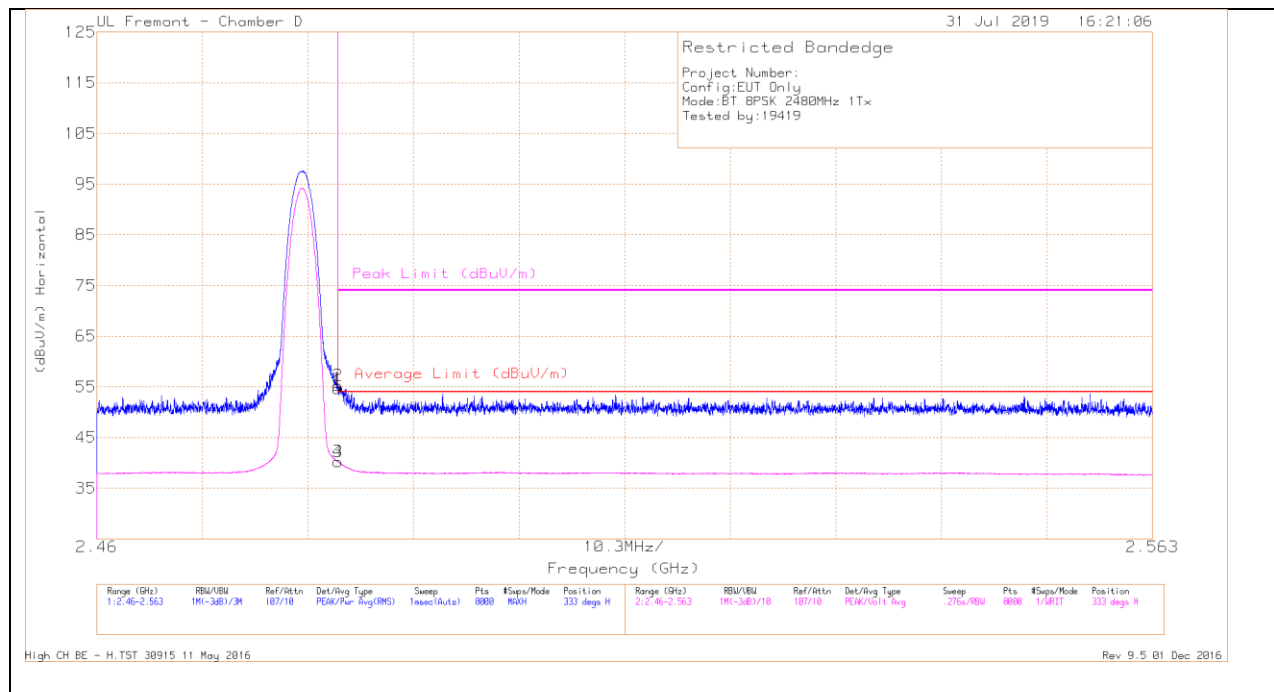
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

Pk - Peak detector

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

BANDEDGE (HIGH CHANNEL)

HORIZONTAL RESULT



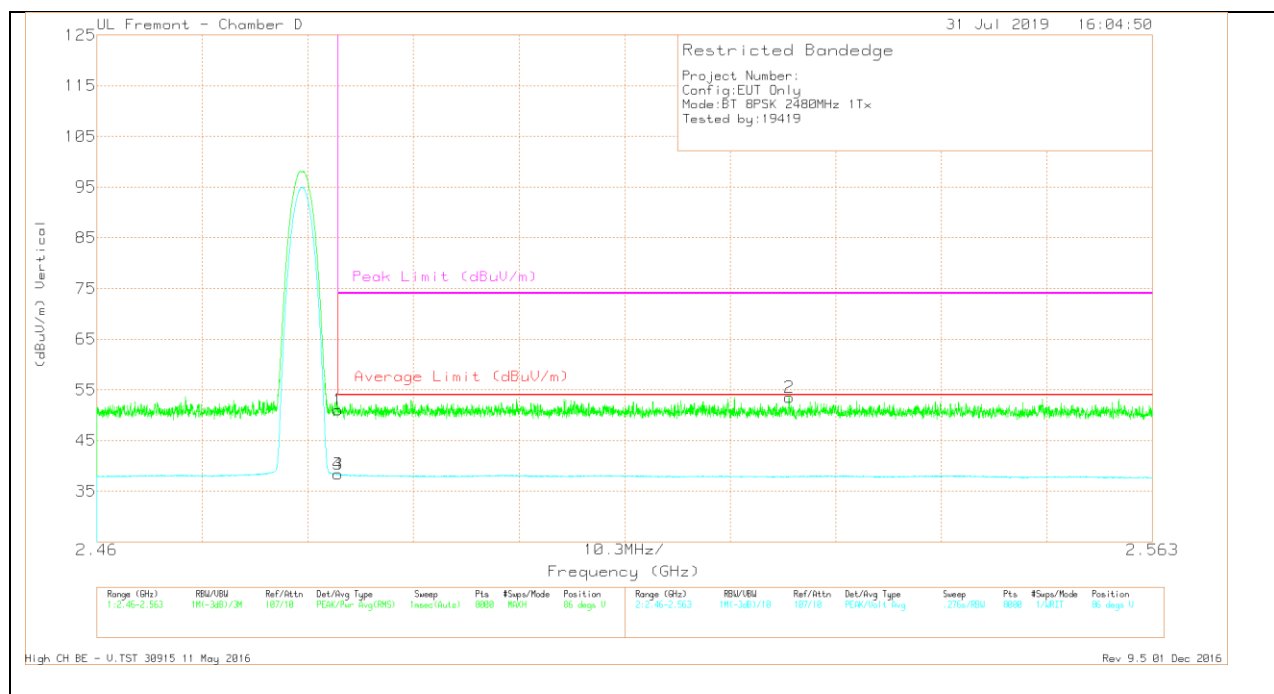
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T712 (dBm)	Ampl/Cbl/Filtr/P ad (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.484	42.87	Pk	32.4	-20.6	54.67	-	-	74	-19.33	333	218	H
2	* 2.484	43.45	Pk	32.4	-20.6	55.25	-	-	74	-18.75	333	218	H
3	* 2.484	28.39	VA1T	32.4	-20.6	40.19	54	-13.81	-	-	333	218	H
4	* 2.484	28.39	VA1T	32.4	-20.6	40.19	54	-13.81	-	-	333	218	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

VERTICAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T712 (dB/m)	Amp/Cb/Filt/P ad (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	39.2	Pk	32.4	-20.6	51	-	-	74	-23	86	358	V
3	* 2.484	26.52	VA1T	32.4	-20.6	38.32	54	-15.68	-	-	86	358	V
4	* 2.484	26.55	VA1T	32.4	-20.6	38.35	54	-15.65	-	-	86	358	V
2	2.528	41.77	Pk	32.3	-20.5	53.57	-	-	74	-20.43	86	358	V

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

Pk - Peak detector

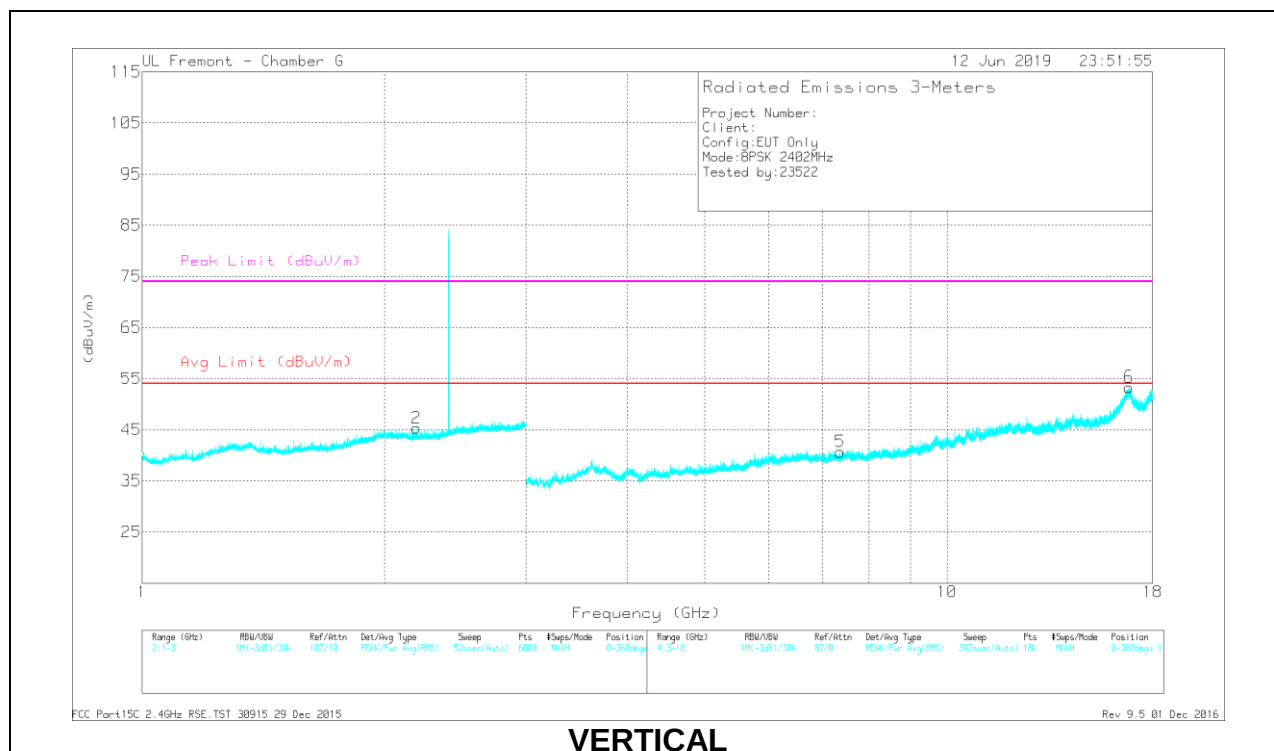
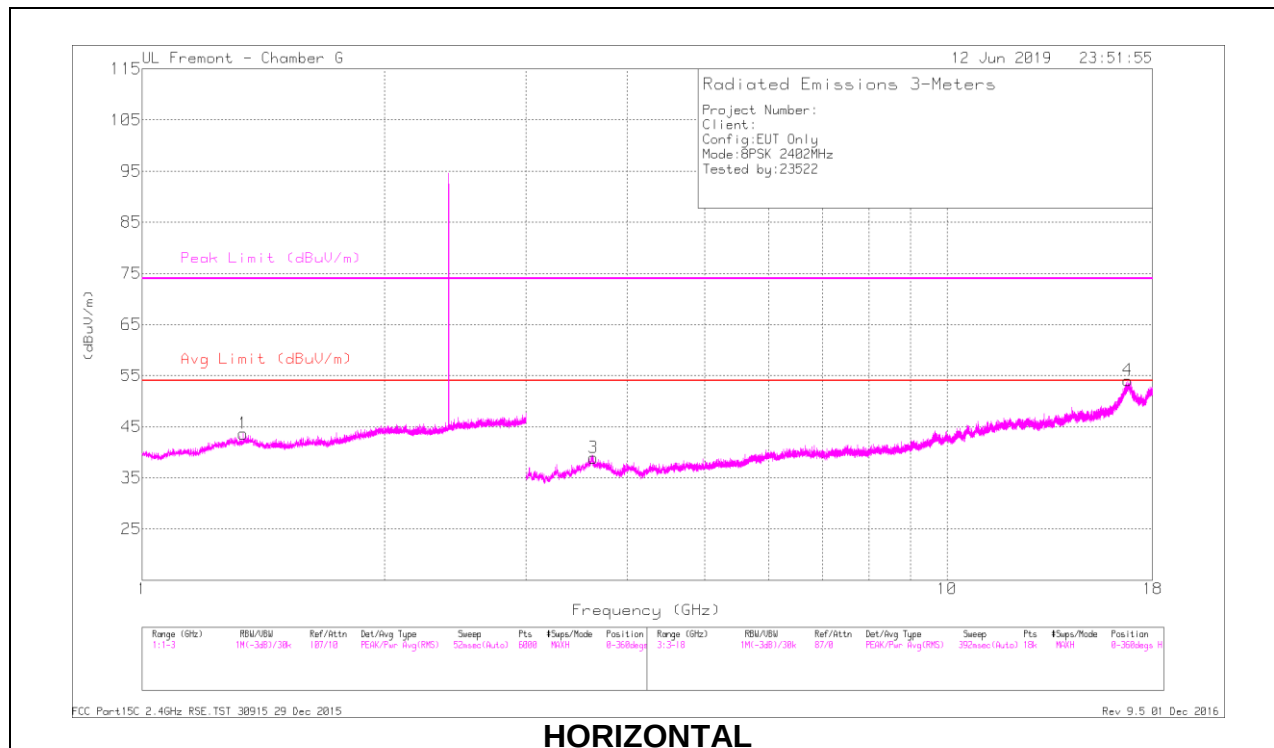
VA1T - FHSS: Linear Voltage Average VB=1/Ton where: Ton is transmit duration

High CH BE - V.TST 30915 11 May 2016

Rev 9.5 01 Dec 2016

HARMONICS AND SPURIOUS EMISSIONS

LOW CHANNEL RESULTS



RADIATED EMISSIONS

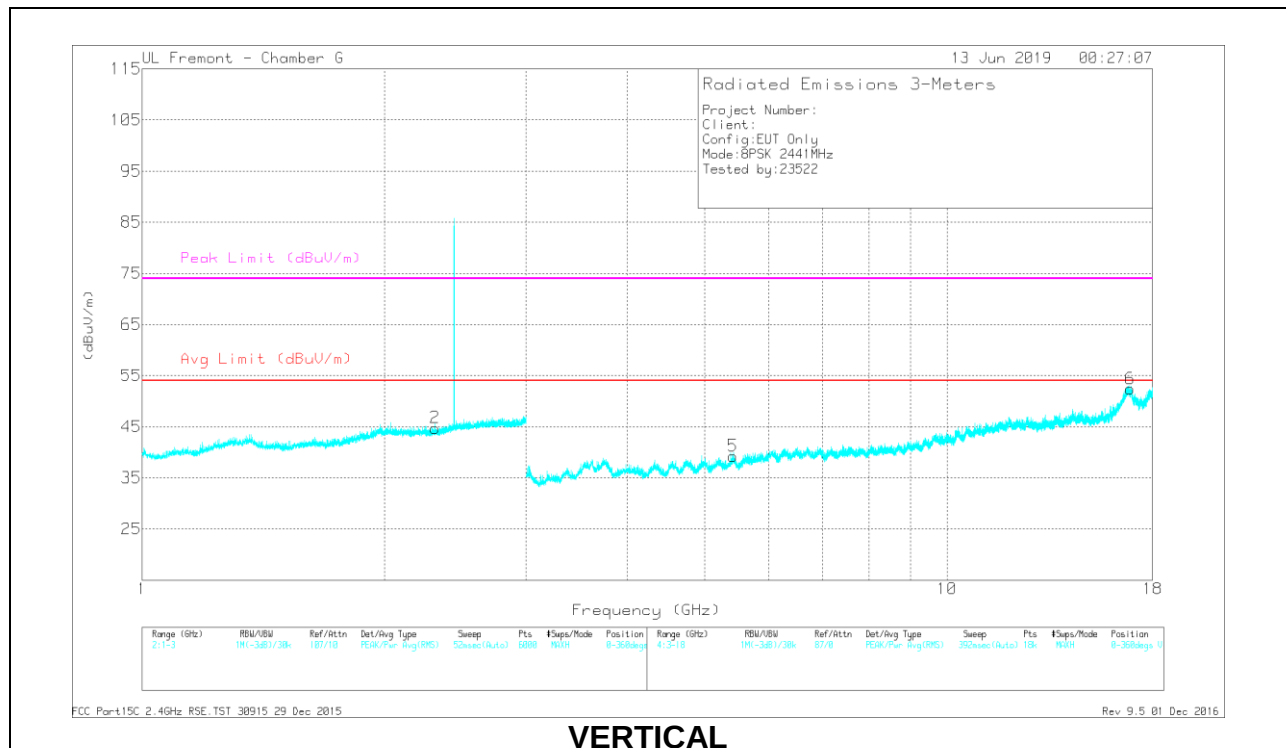
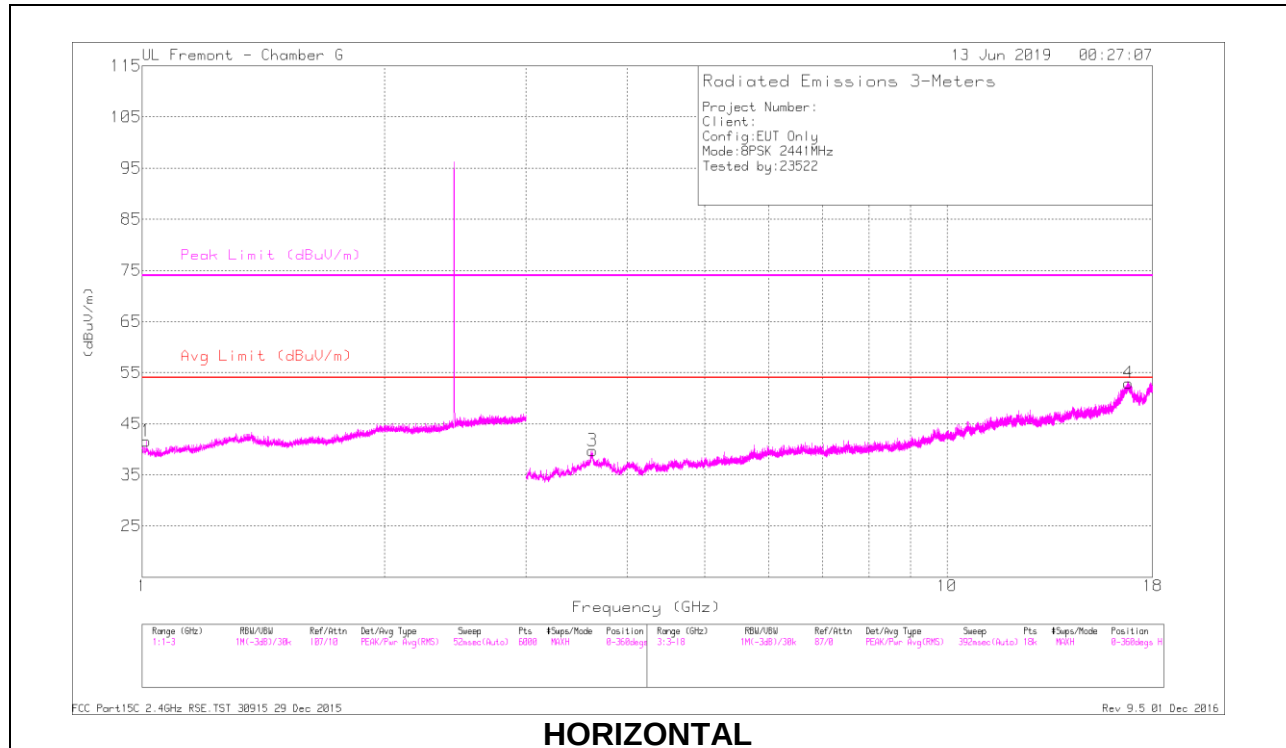
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T120 (dB/m)	Amp/Cbl/Fitr/Pad (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 1.335	42.17	PKFH	29.7	-23.3	48.57	-	-	74	-25.43	153	107	H
	* 1.336	30.16	VA1T	29.8	-23.3	36.66	54	-17.34	-	-	153	107	H
3	* 3.636	40.34	PKFH	34.8	-29.6	45.54	-	-	74	-28.46	114	227	H
	* 3.637	27.54	VA1T	34.8	-29.6	32.74	54	-21.26	-	-	114	227	H
5	* 7.369	38.76	PKFH	35.9	-28.2	46.46	-	-	74	-27.54	56	299	V
	* 7.369	27	VA1T	35.9	-28.2	34.7	54	-19.3	-	-	56	299	V
2	2.193	40.96	PKFH	31.7	-22.4	50.26	-	-	74	-23.74	23	164	V
4	16.769	35.41	PKFH	41.8	-18.1	59.11	-	-	74	-14.89	102	101	H
6	16.832	35.73	PKFH	41.7	-17.9	59.53	-	-	74	-14.47	301	202	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

MID CHANNEL RESULTS



RADIATED EMISSIONS

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T120 (dB/m)	Amp/Cbl/Filtr/P ad (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	42.38	PKFH	27.5	-24	45.88	-	-	74	-28.12	360	201	H
	* 1.012	30.79	VA1T	27.5	-24	34.29	54	-19.71	-	-	360	201	H
2	* 2.362	43.05	PKFH	31.7	-22.2	52.55	-	-	74	-21.45	326	155	V
	* 2.372	30.31	VA1T	31.8	-22.2	39.91	54	-14.09	-	-	326	155	V
3	* 3.625	39.41	PKFH	35.4	-29.8	45.01	-	-	74	-28.99	237	250	H
	* 3.626	27.77	VA1T	35.4	-29.8	33.37	54	-20.63	-	-	237	250	H
5	* 5.421	38.92	PKFH	34.7	-29.1	44.52	-	-	74	-29.48	151	330	V
	* 5.42	27.19	VA1T	34.7	-29.1	32.79	54	-21.21	-	-	151	330	V
4	16.793	35.37	PKFH	41.7	-17.4	59.67	-	-	74	-14.33	77	135	H
6	16.892	35.47	PKFH	41.6	-18.4	58.67	-	-	74	-15.33	145	198	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

HIGH CHANNEL RESULTS

