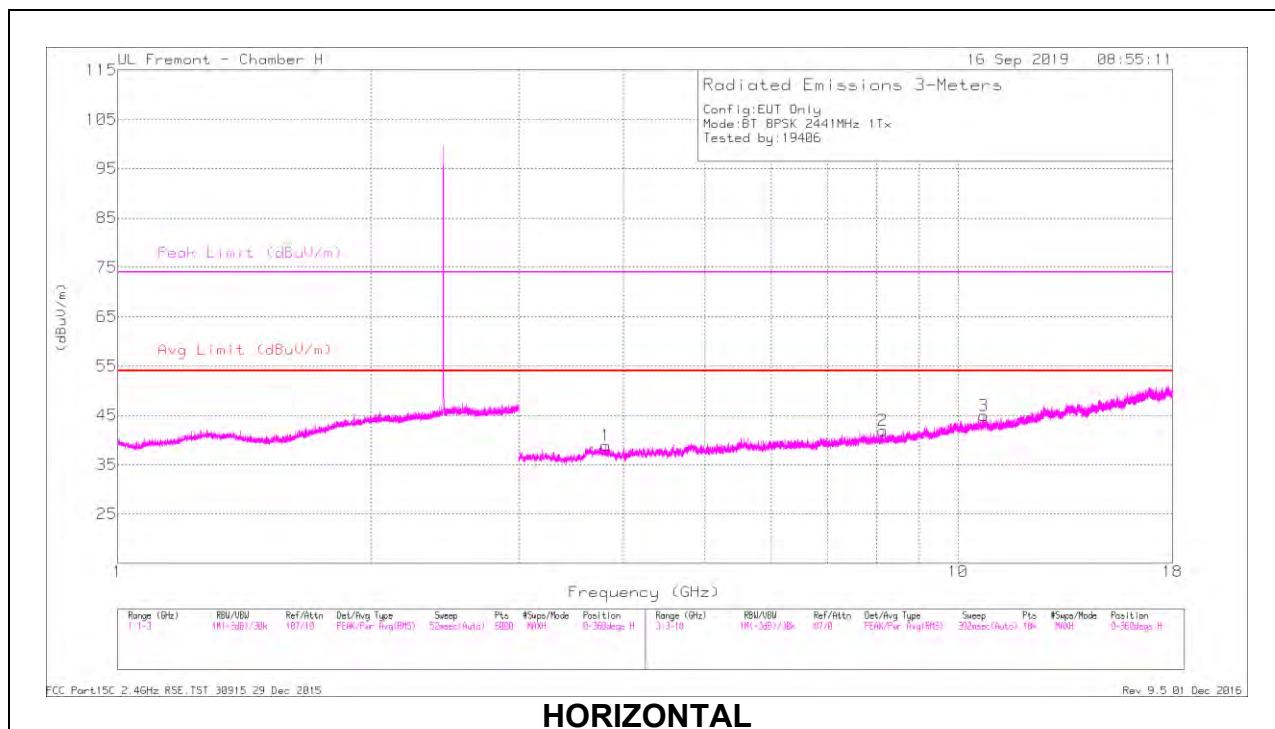
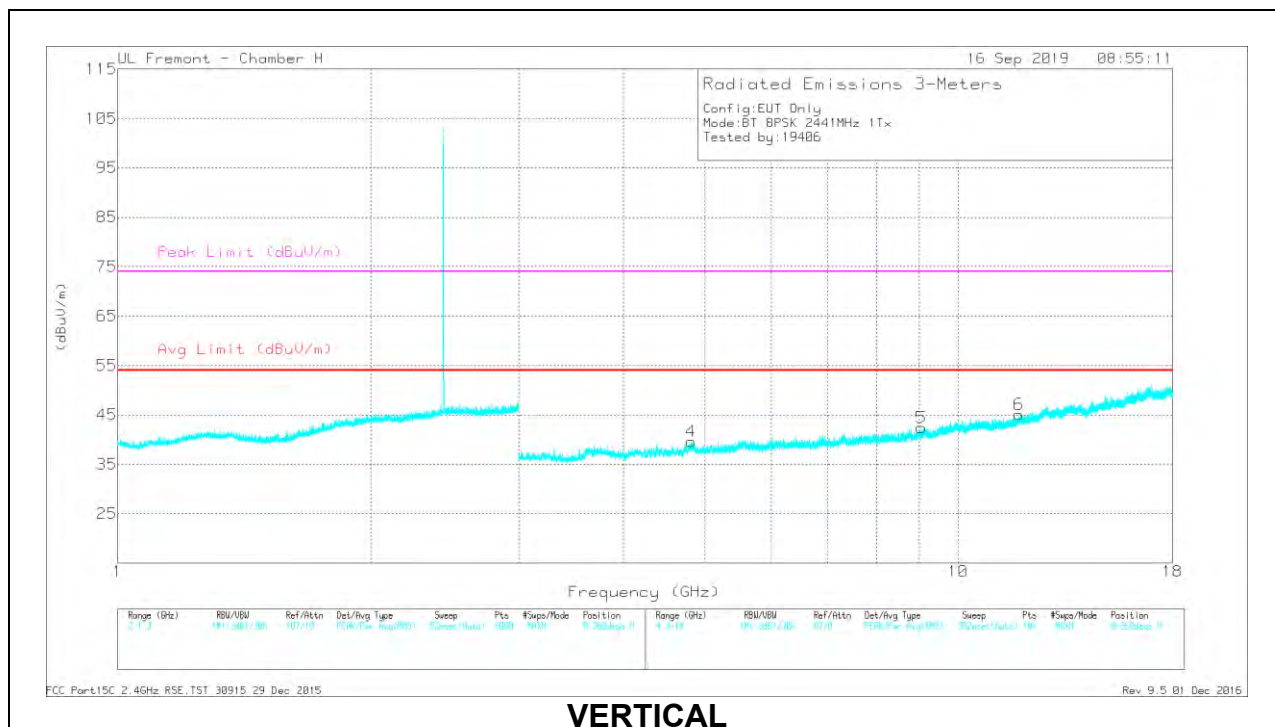


MID CHANNEL RESULTS



HORIZONTAL



VERTICAL

RADIATED EMISSIONS

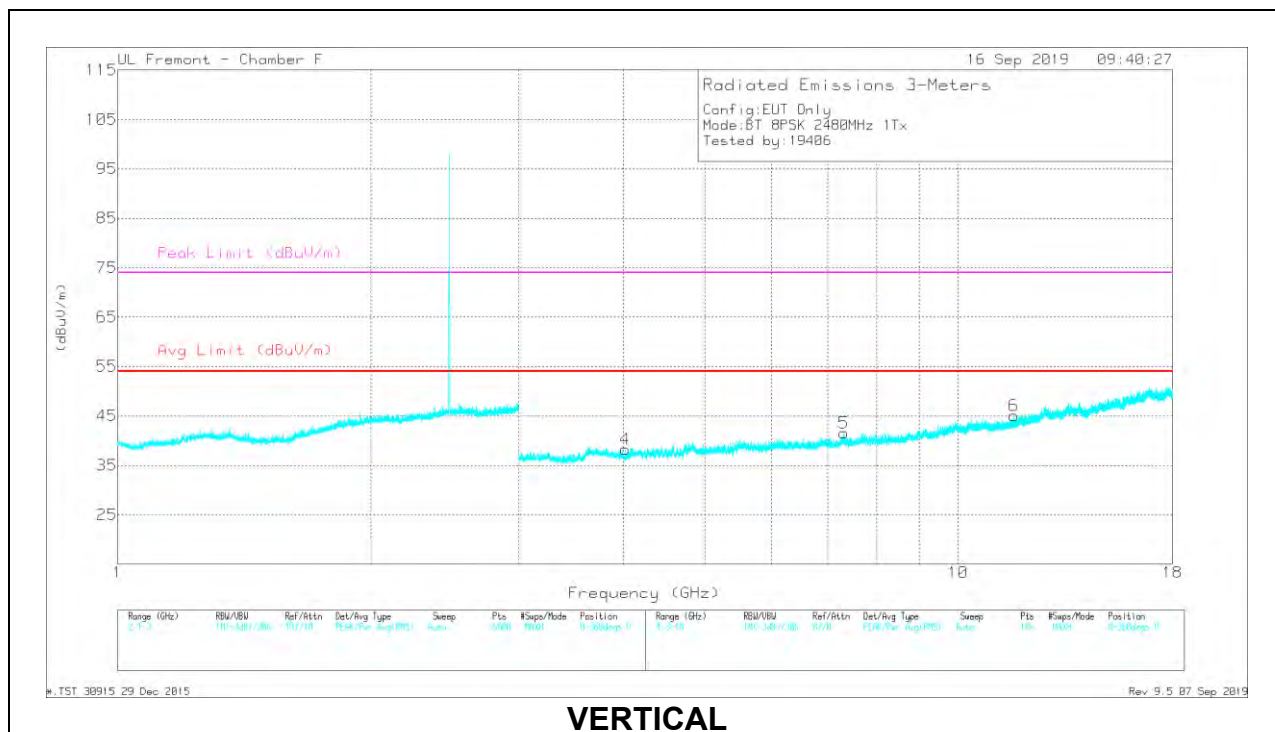
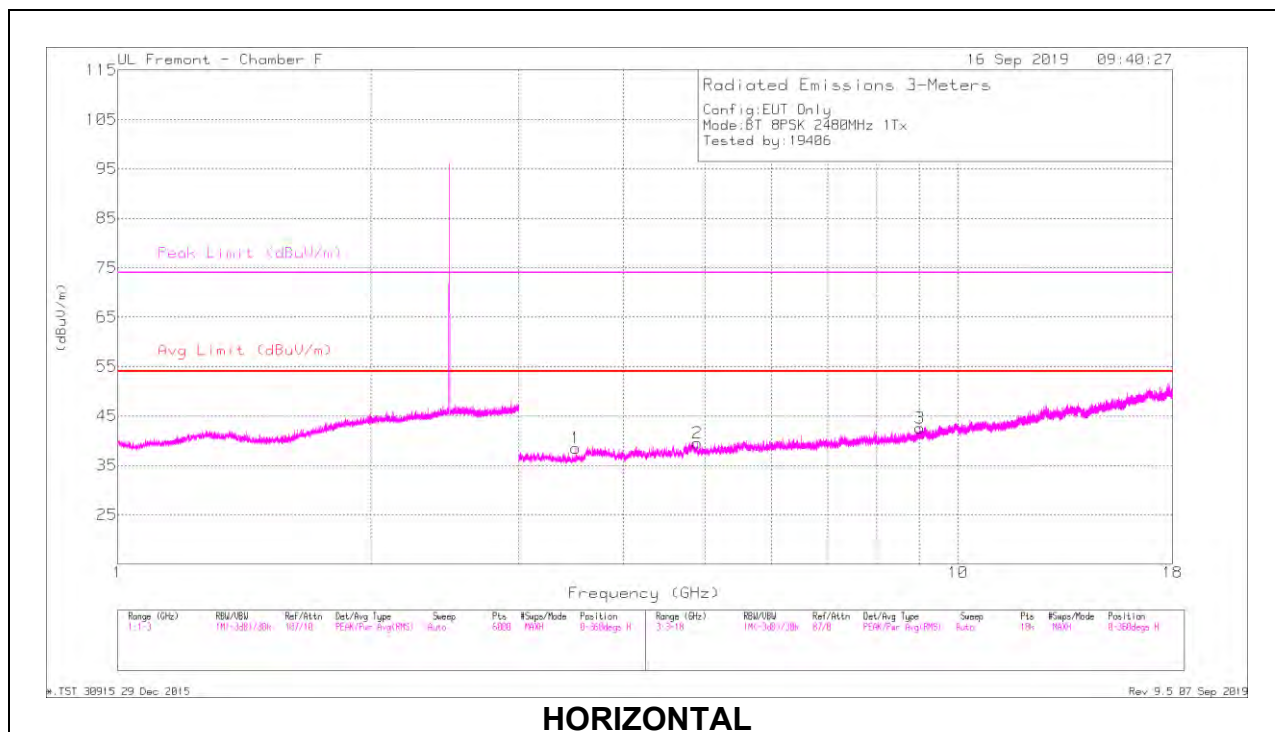
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T863 (dB/m)	Amp/Cbl/Filtr/Pad (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 3.808	41.66	PKFH	33.5	-31	44.16	-	-	74	-29.84	153	374	H
	* 3.81	29.67	VA1T	33.5	-31	32.17	54	-21.83	-	-	153	374	H
2	* 8.139	37.22	PKFH	36	-26.2	47.02	-	-	74	-26.98	9	378	H
	* 8.139	25.07	VA1T	36	-26.2	34.87	54	-19.13	-	-	9	378	H
3	* 10.729	34.11	PKFH	37.6	-22.5	49.21	-	-	74	-24.79	175	173	H
	* 10.73	22.65	VA1T	37.6	-22.6	37.65	54	-16.35	-	-	175	173	H
4	* 4.814	40.44	PKFH	34.4	-30.3	44.54	-	-	74	-29.46	311	185	V
	* 4.814	28.61	VA1T	34.4	-30.3	32.71	54	-21.29	-	-	311	185	V
5	* 9.048	36.28	PKFH	36.3	-24.5	48.08	-	-	74	-25.92	40	331	V
	* 9.047	23.92	VA1T	36.3	-24.5	35.72	54	-18.28	-	-	40	331	V
6	* 11.808	35.21	PKFH	38.5	-22.9	50.81	-	-	74	-23.19	44	243	V
	* 11.81	23.2	VA1T	38.5	-22.9	38.8	54	-15.2	-	-	44	243	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 T863 (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	* 3.50798	41.36	PKFH	32.8	-30.9	43.26	-	-	74	-30.74	123	387	H
	* 3.50947	29.32	VA1T	32.8	-30.9	31.22	54	-22.78	-	-	123	387	H
2	* 4.89241	39.4	PKFH	34.2	-30.2	43.4	-	-	74	-30.6	198	219	H
	* 4.8943	28.02	VA1T	34.2	-30.1	32.12	54	-21.88	-	-	198	219	H
3	* 9.01358	36.27	PKFH	36.2	-24.5	47.97	-	-	74	-26.03	162	158	H
	* 9.01465	24.12	VA1T	36.2	-24.6	35.72	54	-18.28	-	-	162	158	H
4	* 4.01836	39.34	PKFH	33.4	-30.1	42.64	-	-	74	-31.36	348	311	V
	* 4.02122	27.89	VA1T	33.4	-30	31.29	54	-22.71	-	-	348	311	V
5	* 7.32454	37.43	PKFH	36	-26.6	46.83	-	-	74	-27.17	348	324	V
	* 7.32551	25.39	VA1T	36	-26.6	34.79	54	-19.21	-	-	348	324	V
6	* 11.6577	34.5	PKFH	38.4	-23.2	49.7	-	-	74	-24.3	123	316	V
	* 11.66079	22.98	VA1T	38.4	-23.2	38.18	54	-15.82	-	-	123	316	V

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

PKFH FHSS/BT RB=100k for Frequencies<1GHz / RB=1MHz for Frequencies>1GHz, 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

UAT 1

BANDEDGE (LOW CHANNEL)

HORIZONTAL RESULT



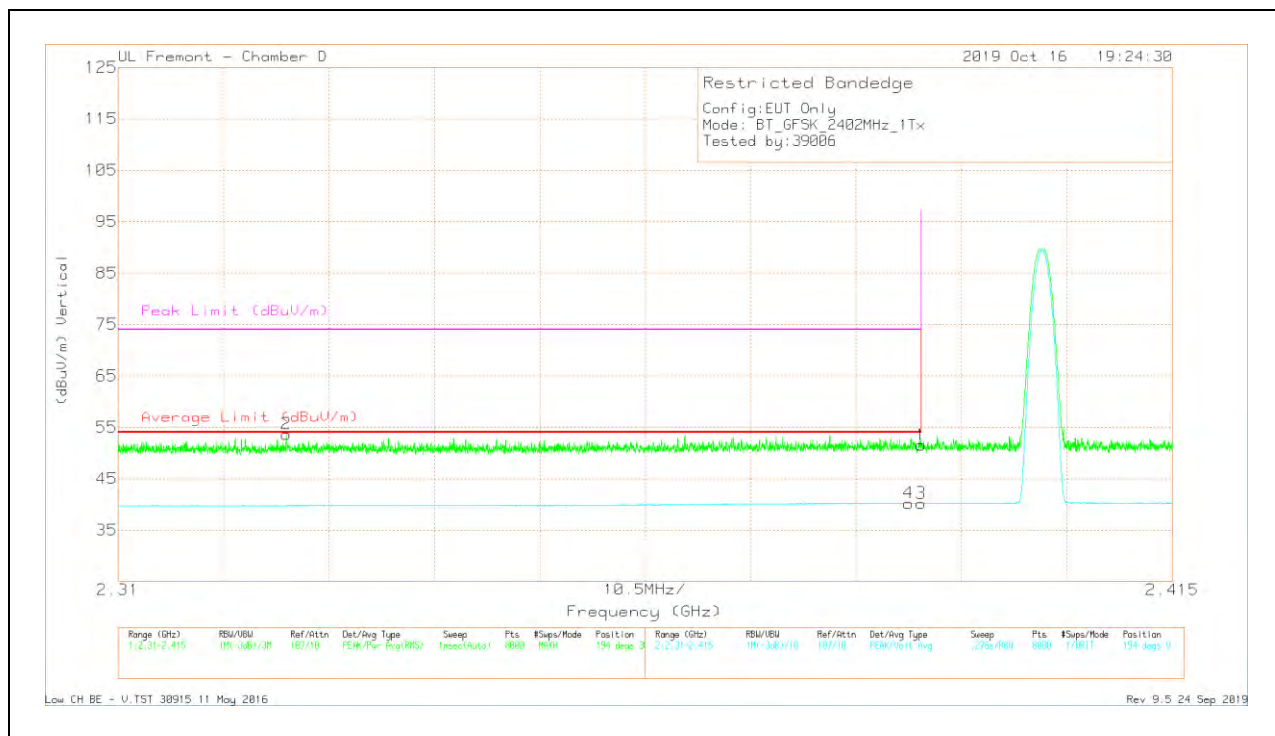
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T712 (dB/m)	Amp/Cbl/Filtr/Pad (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.39	38.97	Pk	32	-20.5	50.47	-	-	74	-23.53	68	112	H
2	* 2.35235	42.27	Pk	31.7	-20.7	53.27	-	-	74	-20.73	68	112	H
3	* 2.39	28.72	VA1T	32	-20.5	40.22	54	-13.78	-	-	68	112	H
4	* 2.38985	28.81	VA1T	32	-20.5	40.31	54	-13.69	-	-	68	112	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/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	40.02	Pk	32	-20.5	51.52	-	-	74	-22.48	194	382	V
2	* 2.32675	42.58	Pk	31.7	-20.6	53.68	-	-	74	-20.32	194	382	V
3	* 2.39	28.71	VA1T	32	-20.5	40.21	54	-13.79	-	-	194	382	V
4	* 2.38872	28.75	VA1T	32	-20.5	40.25	54	-13.75	-	-	194	382	V

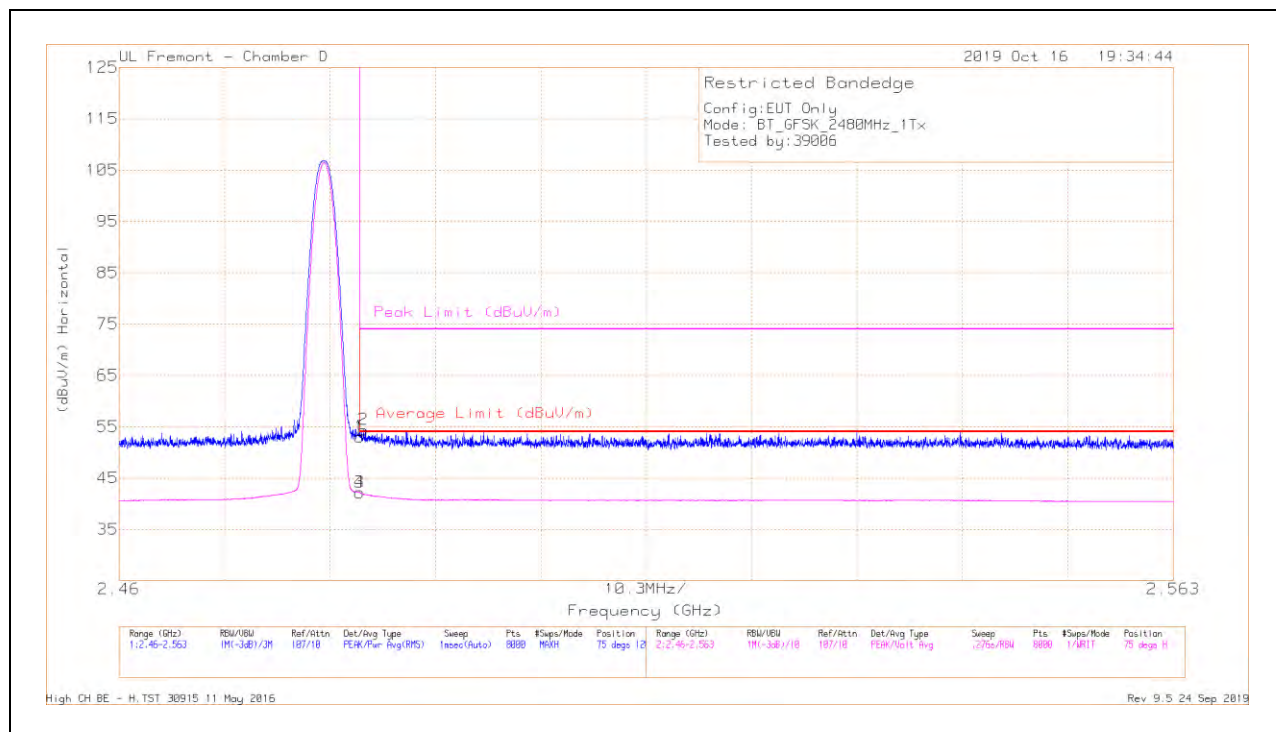
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

Pk - Peak detector

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

BANDEDGE (HIGH CHANNEL)

HORIZONTAL RESULT



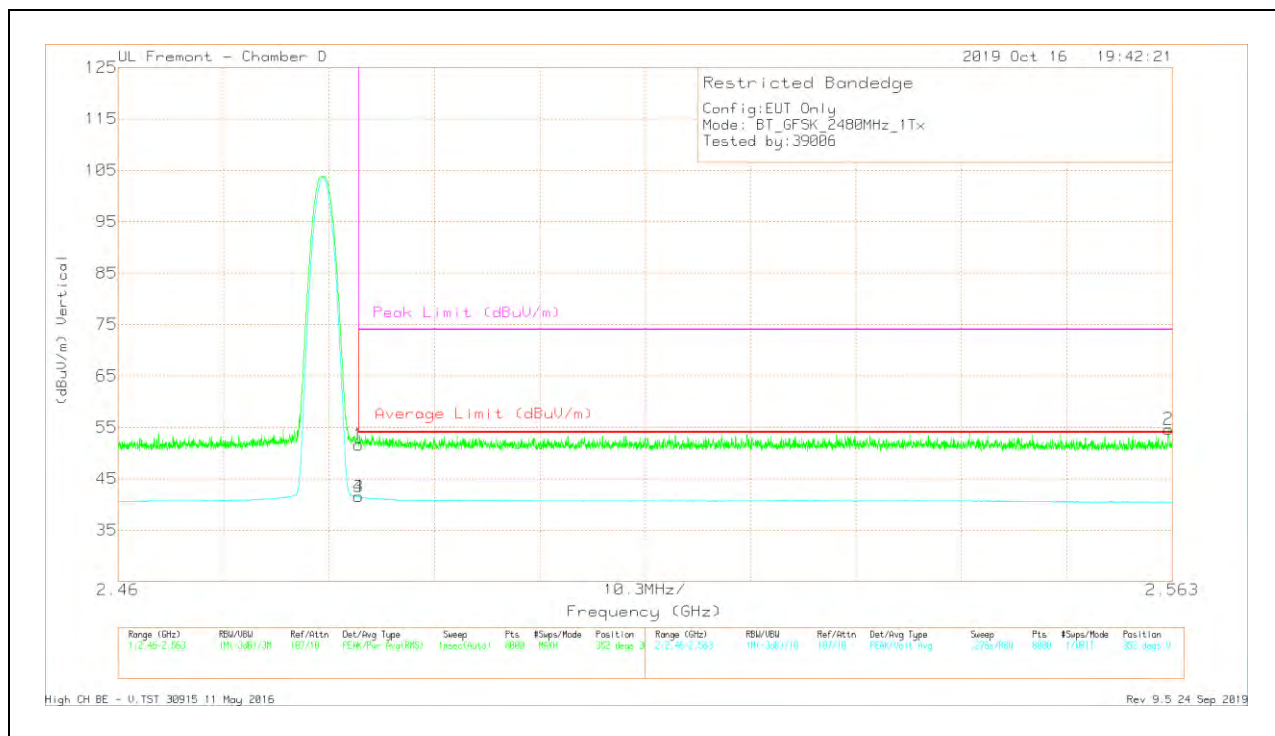
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T712 (dB/m)	Amp/Cbl/Filtr/Pad (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.4835	41.17	Pk	32.4	-20.5	53.07	-	-	74	-20.93	75	128	H
2	* 2.48387	42.52	Pk	32.4	-20.5	54.42	-	-	74	-19.58	75	128	H
3	* 2.4835	30.32	VA1T	32.4	-20.5	42.22	54	-11.78	-	-	75	128	H
4	* 2.48351	30.32	VA1T	32.4	-20.5	42.22	54	-11.78	-	-	75	128	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/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	* 2.4835	39.73	Pk	32.4	-20.5	51.63	-	-	74	-22.37	352	362	V
3	* 2.4835	29.62	VA1T	32.4	-20.5	41.52	54	-12.48	-	-	352	362	V
4	* 2.48351	29.62	VA1T	32.4	-20.5	41.52	54	-12.48	-	-	352	362	V
2	2.56262	43.05	Pk	32	-20.4	54.65	-	-	74	-19.35	352	362	V

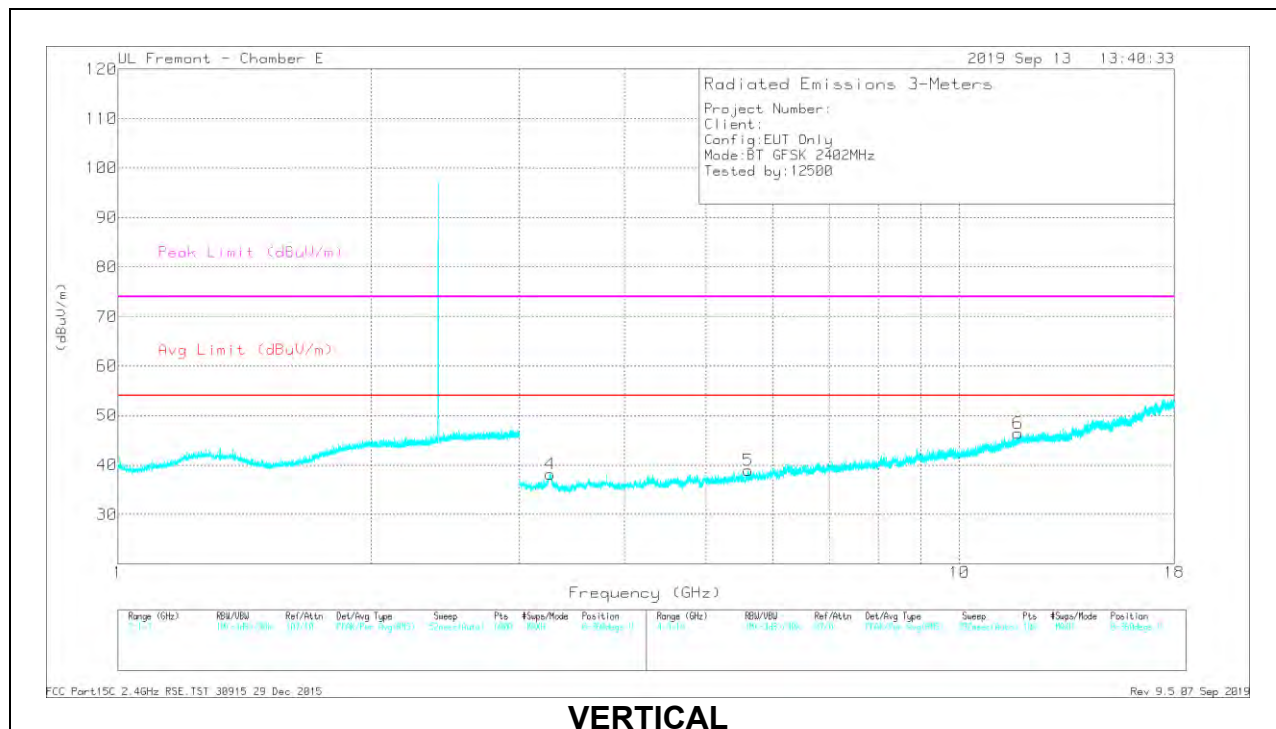
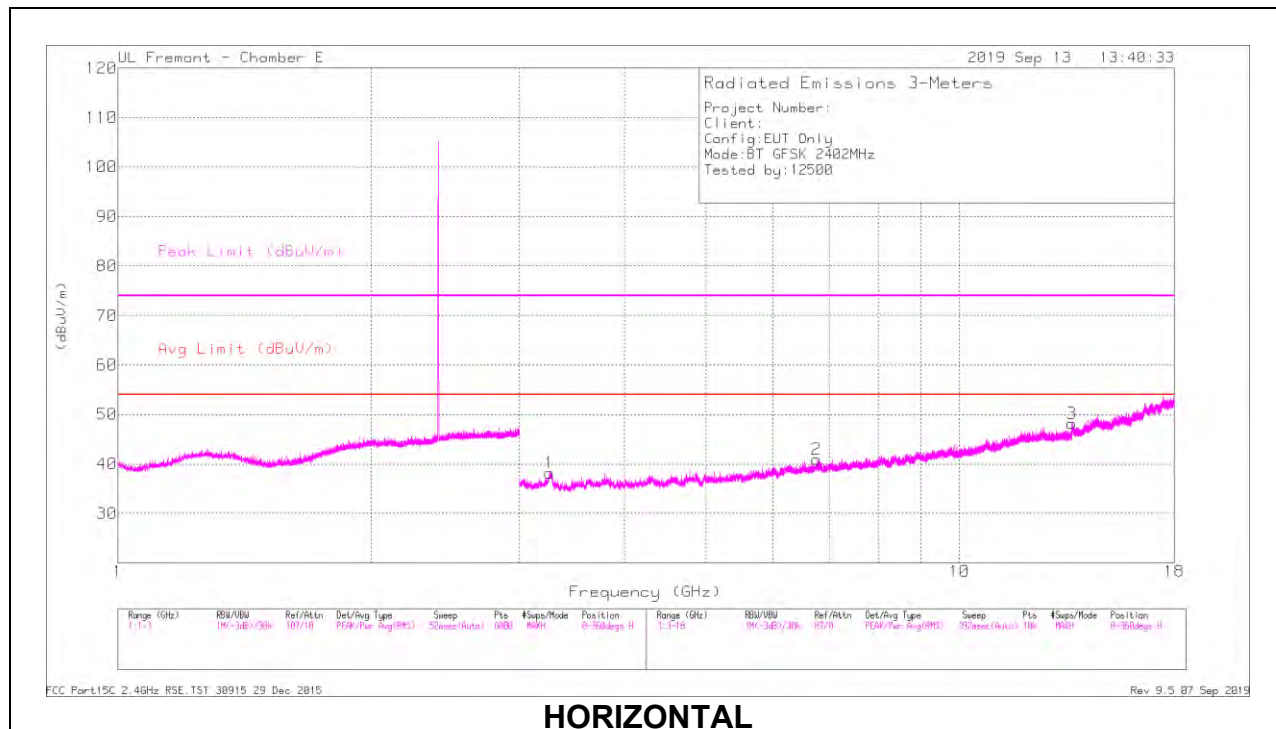
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

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

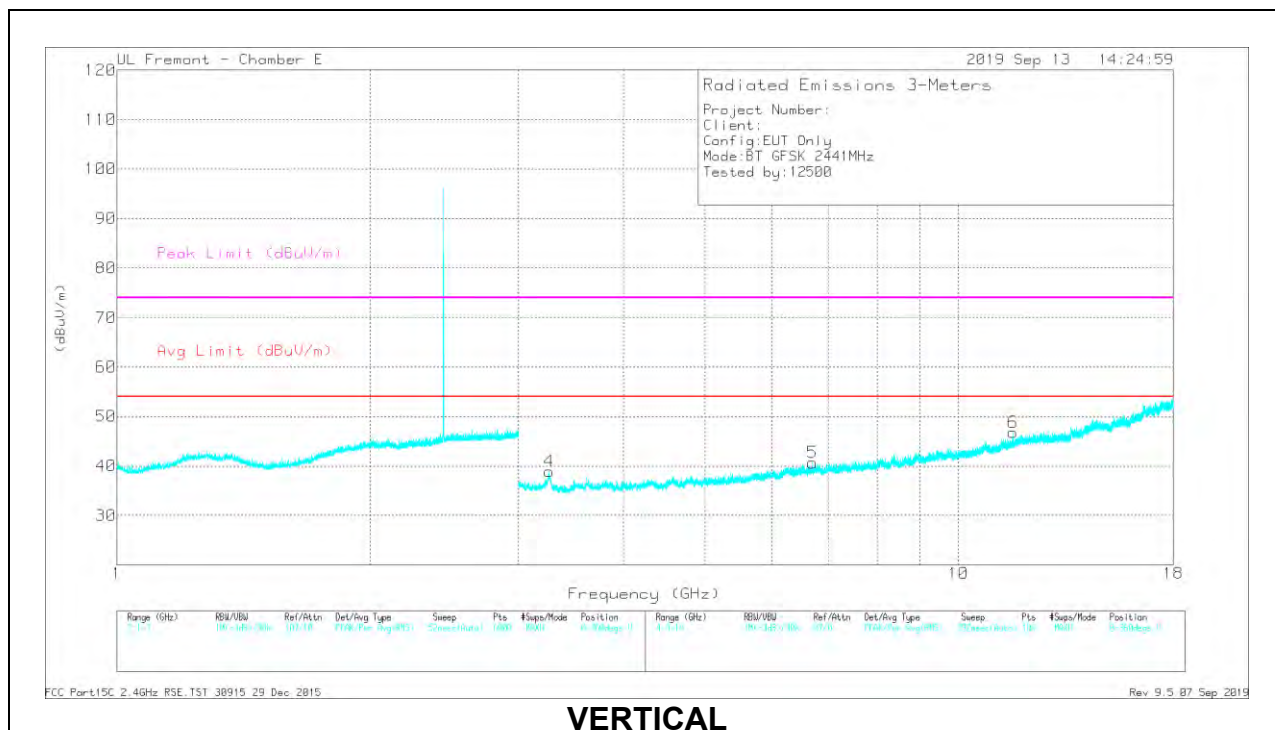
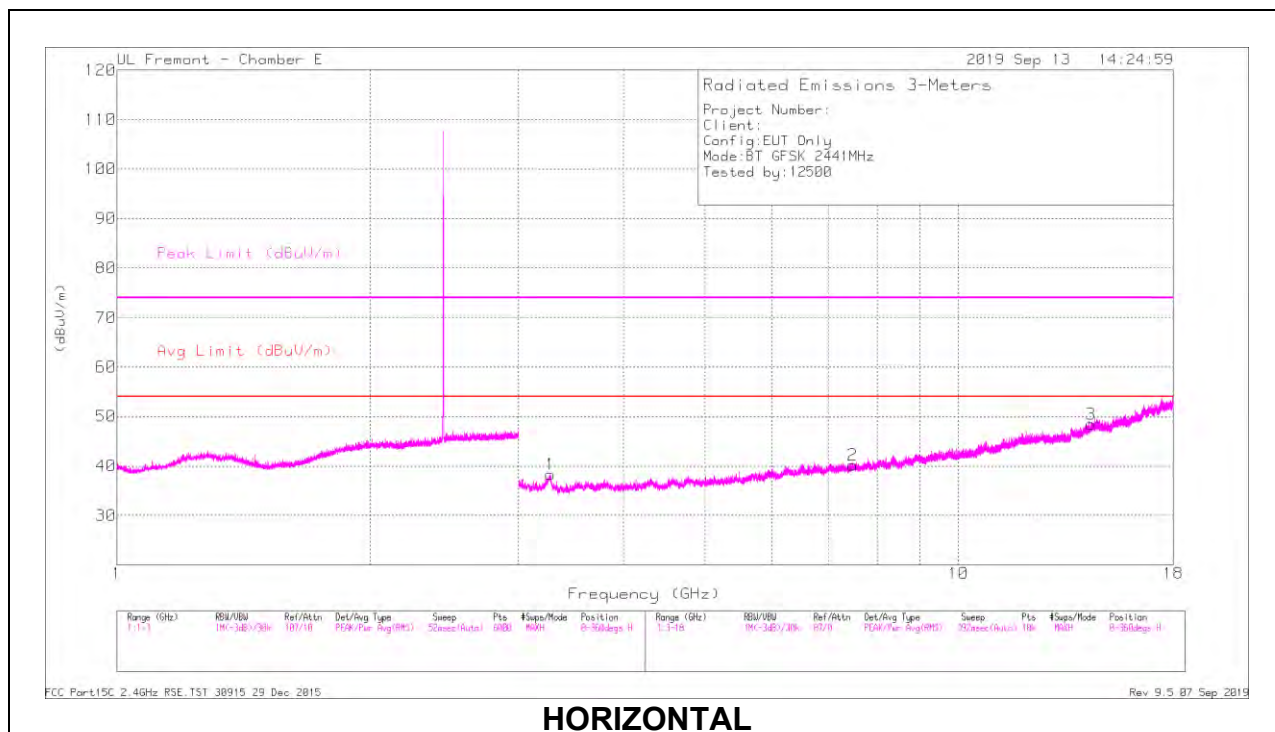
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T119 (dB/m)	Amp/Cbl/Fitr/P ad (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	3.25606	43.72	PKFH	34.8	-34.2	44.32	-	-	74	-29.68	60	216	H
2	6.76214	36.76	PKFH	35.7	-27.3	45.16	-	-	74	-28.84	334	221	H
3	13.60731	35.02	PKFH	38.6	-20.3	53.32	-	-	74	-20.68	178	352	H
4	* 3.26378	43.22	PKFH	35.1	-34.1	44.22	-	-	74	-29.78	234	308	V
	* 3.26435	31.81	VA1T	35.1	-34.1	32.81	54	-21.19	-	-	234	308	V
5	5.61113	40.15	PKFH	34.8	-31	43.95	-	-	74	-30.05	84	134	V
6	* 11.73731	34.41	PKFH	38.8	-22.1	51.11	-	-	74	-22.89	234	314	V
	* 11.73635	22.94	VA1T	38.8	-22.1	39.64	54	-14.36	-	-	234	314	V

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

PKFH FHSS/BT RB=100k for Frequencies<1GHz / RB=1MHz for Frequencies>1GHz, VB=3 x RB, Peak

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

MID CHANNEL RESULTS



RADIATED EMISSIONS

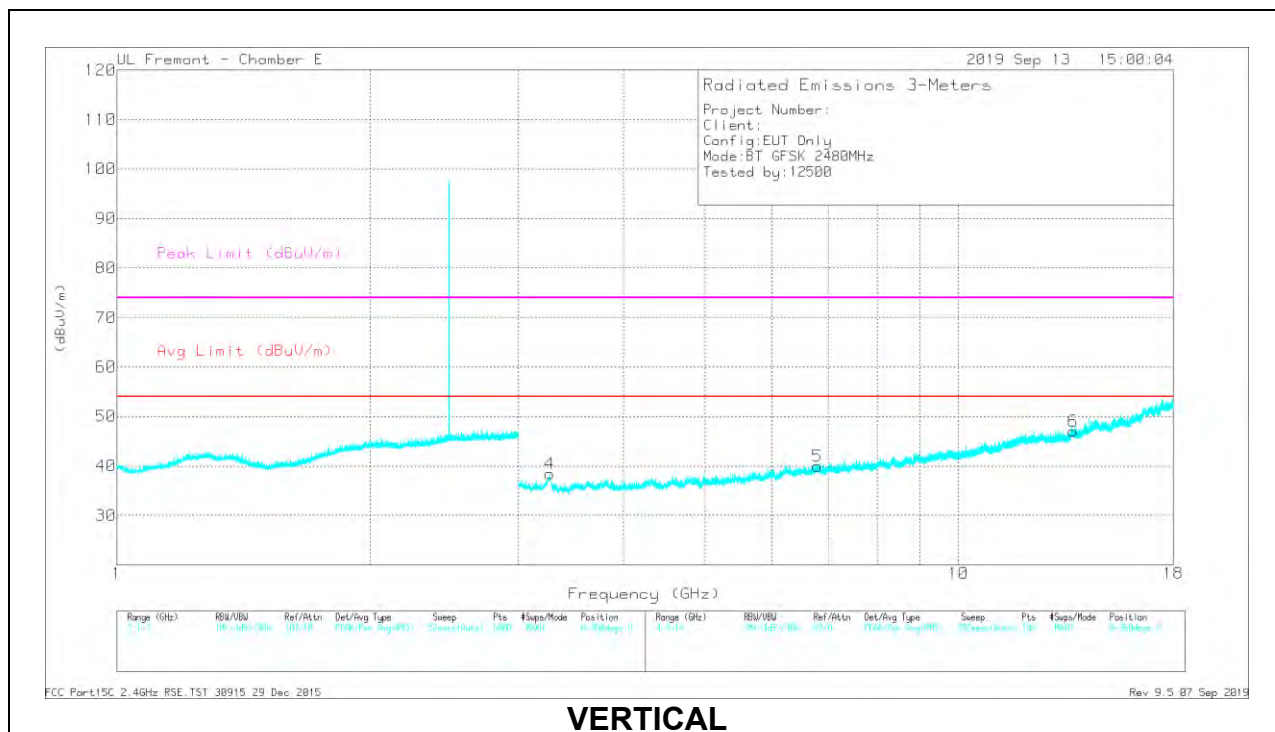
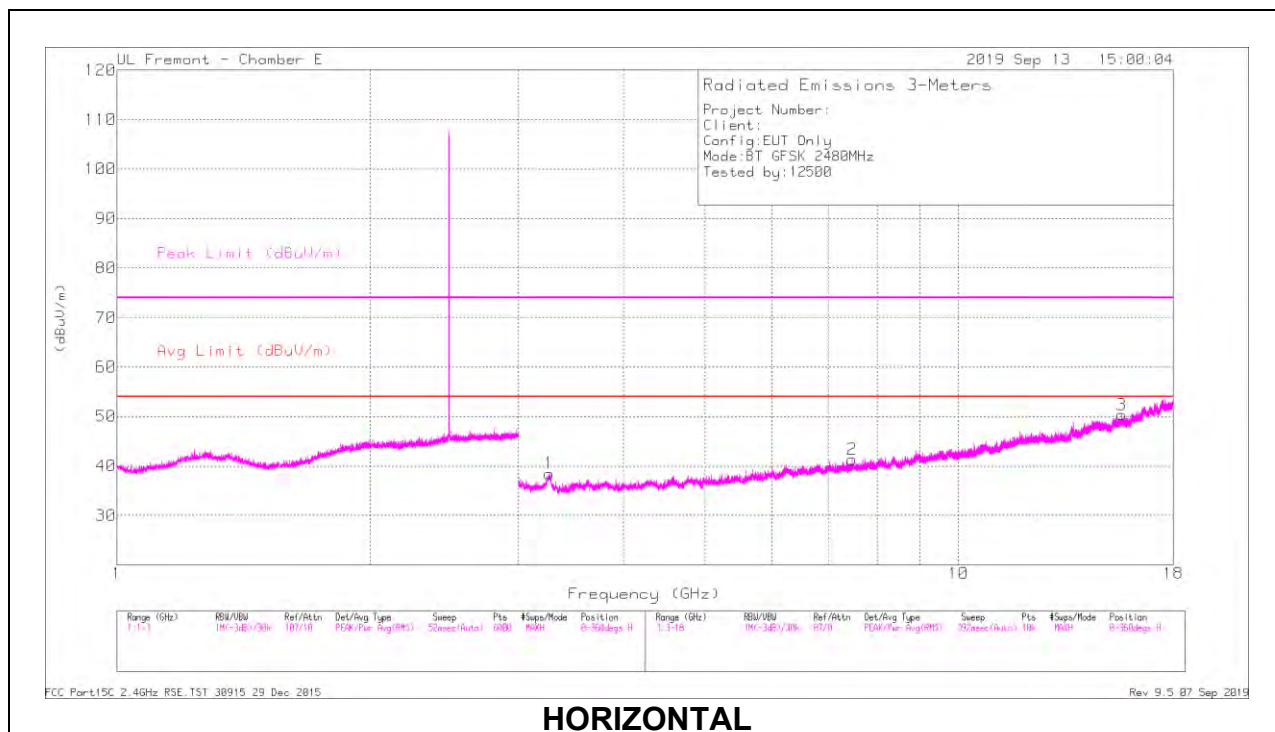
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T119 (dB/m)	Amp/Cbl/Fitr/P ad (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	3.27398	44.33	PKFH	34.5	-34.1	44.73	-	-	74	-29.27	215	159	H
2	* 7.49296	37.85	PKFH	35.8	-26.8	46.85	-	-	74	-27.15	118	234	H
	* 7.48941	25.72	VA1T	35.7	-26.9	34.52	54	-19.48	-	-	118	234	H
3	14.35764	34.97	PKFH	39.4	-19.7	54.67	-	-	74	-19.33	4	316	H
4	* 3.26489	44.6	PKFH	35.1	-34.1	45.6	-	-	74	-28.4	330	119	V
	* 3.26505	31.8	VA1T	35.1	-34.1	32.8	54	-21.2	-	-	330	119	V
5	6.702	37.48	PKFH	35.6	-27.9	45.18	-	-	74	-28.82	206	266	V
6	* 11.61221	37.96	PKFH	38.6	-22.4	54.16	-	-	74	-19.84	88	288	V
	* 11.61221	25.66	VA1T	38.6	-22.4	41.86	54	-12.14	-	-	88	288	V

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

PKFH FHSS/BT RB=100k for Frequencies<1GHz / RB=1MHz for Frequencies>1GHz, 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 T119 (dB/m)	Amp/Cbl/Fitr/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	* 3.26121	44.04	PKFH	35.1	-34.1	45.04	-	-	74	-28.96	288	194	H
	* 3.26122	31.76	VA1T	35.1	-34.1	32.76	54	-21.24	-	-	288	194	H
2	* 7.48107	37.18	PKFH	35.7	-27	45.88	-	-	74	-28.12	190	236	H
	* 7.47752	25.86	VA1T	35.7	-27.1	34.46	54	-19.54	-	-	190	236	H
3	* 15.63677	36.15	PKFH	40.3	-19.6	56.85	-	-	74	-17.15	114	209	H
	* 15.63671	23.06	VA1T	40.3	-19.6	43.76	54	-10.24	-	-	114	209	H
4	3.27025	44.29	PKFH	34.8	-34.1	44.99	-	-	74	-29.01	117	319	V
5	6.79854	38.43	PKFH	35.6	-27.2	46.83	-	-	74	-27.17	218	290	V
6	13.69065	35.9	PKFH	38.5	-20.8	53.6	-	-	74	-20.4	237	264	V

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

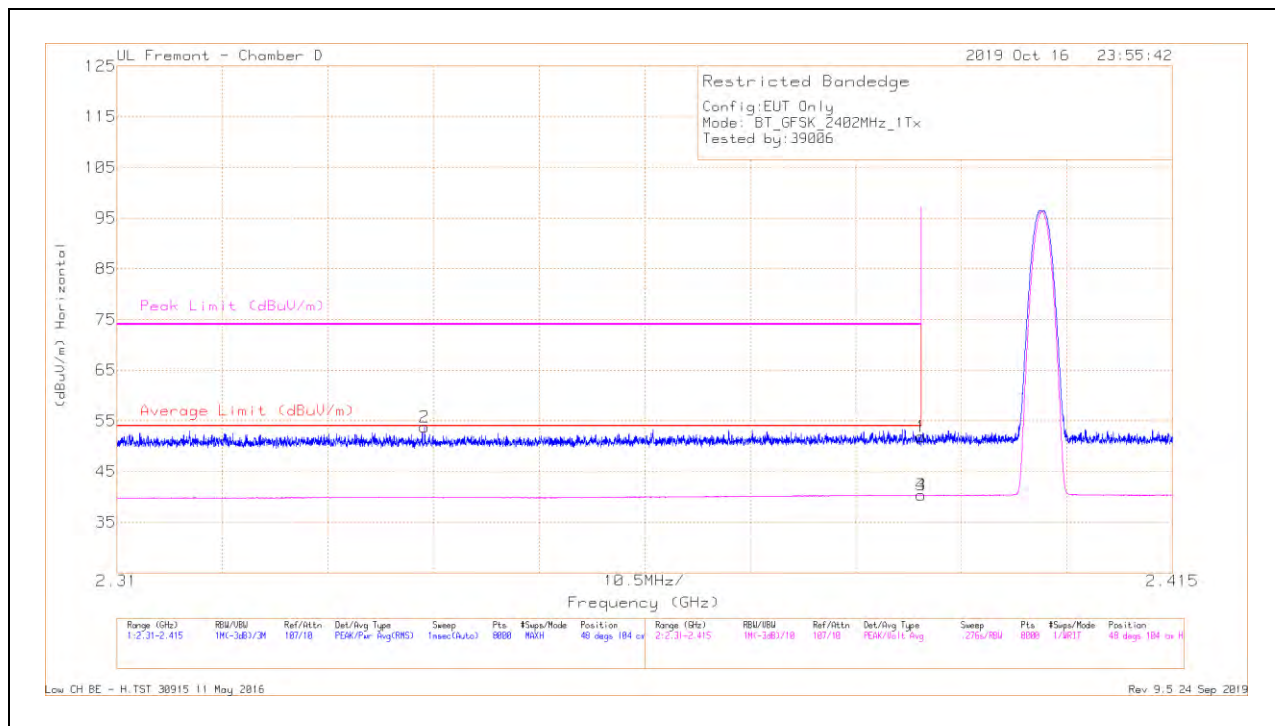
PKFH FHSS/BT RB=100k for Frequencies<1GHz / RB=1MHz for Frequencies>1GHz, VB=3 x RB, Peak

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

LAT 3

BANDEDGE (LOW CHANNEL)

HORIZONTAL RESULT



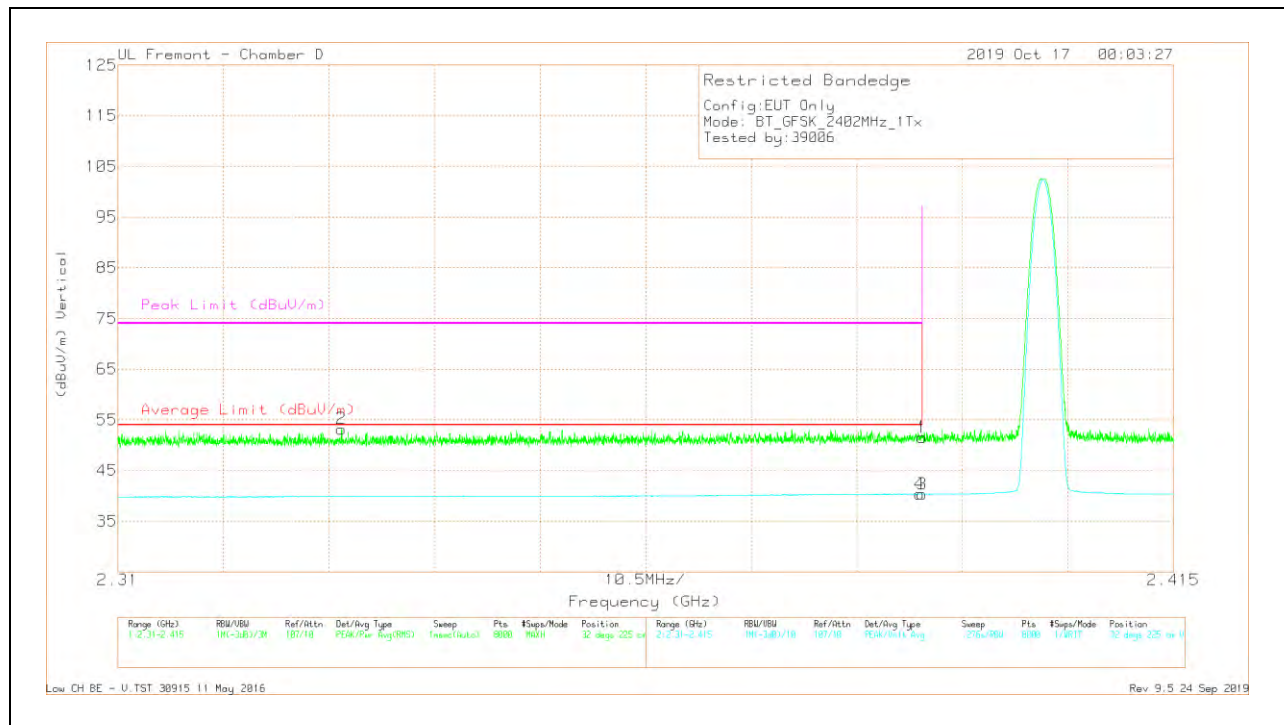
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T712 (dB/m)	Amp/Cbl/Filtr/Pad (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.39	40.39	Pk	32	-20.5	51.89	-	-	74	-22.11	48	104	H
2	* 2.34061	42.64	Pk	31.8	-20.7	53.74	-	-	74	-20.26	48	104	H
3	* 2.39	28.81	VA1T	32	-20.5	40.31	54	-13.69	-	-	48	104	H
4	* 2.38998	28.82	VA1T	32	-20.5	40.32	54	-13.68	-	-	48	104	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/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	40.09	Pk	32	-20.5	51.59	-	-	74	-22.41	32	225	V
2	* 2.33225	42.11	Pk	31.7	-20.6	53.21	-	-	74	-20.79	32	225	V
3	* 2.39	28.83	VA1T	32	-20.5	40.33	54	-13.67	-	-	32	225	V
4	* 2.38977	28.85	VA1T	32	-20.5	40.35	54	-13.65	-	-	32	225	V

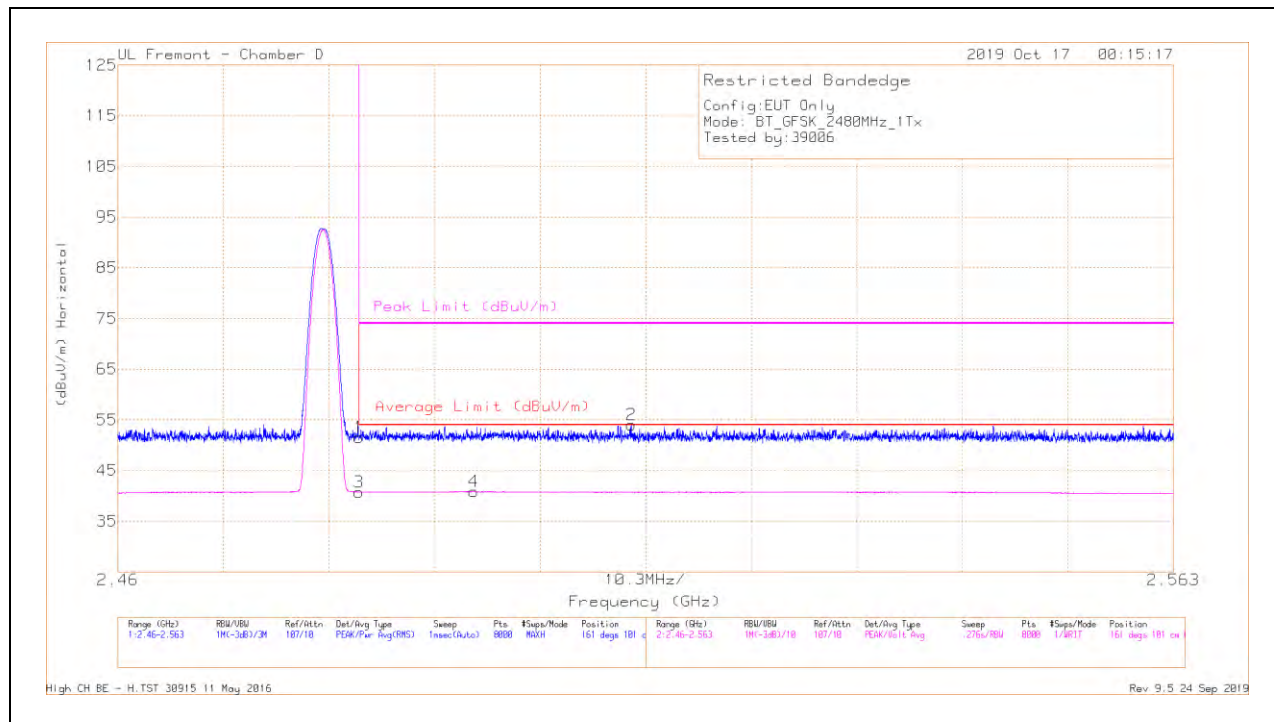
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

Pk - Peak detector

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

BANDEDGE (HIGH CHANNEL)

HORIZONTAL RESULT



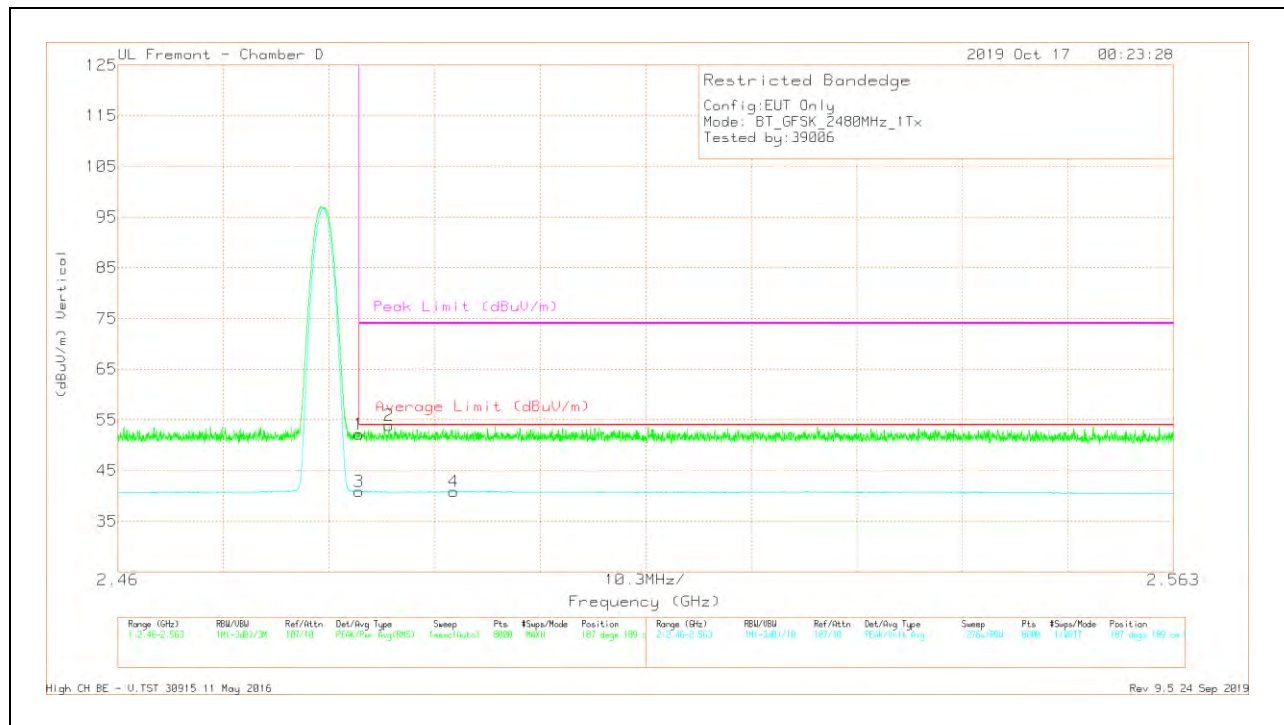
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T712 (dB/m)	Amp/Cbl/Filtr/Pad (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.4835	39.67	Pk	32.4	-20.5	51.57	-	-	74	-22.43	161	101	H
3	* 2.4835	28.87	VA1T	32.4	-20.5	40.77	54	-13.23	-	-	161	101	H
4	* 2.49472	28.85	VA1T	32.4	-20.4	40.85	54	-13.15	-	-	161	101	H
2	2.51009	42.1	Pk	32.3	-20.4	54	-	-	74	-20	161	101	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/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	* 2.4835	40.21	Pk	32.4	-20.5	52.11	-	-	74	-21.89	187	189	V
2	* 2.48646	42.12	Pk	32.3	-20.5	53.92	-	-	74	-20.08	187	189	V
3	* 2.4835	28.92	VA1T	32.4	-20.5	40.82	54	-13.18	-	-	187	189	V
4	* 2.49277	28.86	VA1T	32.4	-20.4	40.86	54	-13.14	-	-	187	189	V

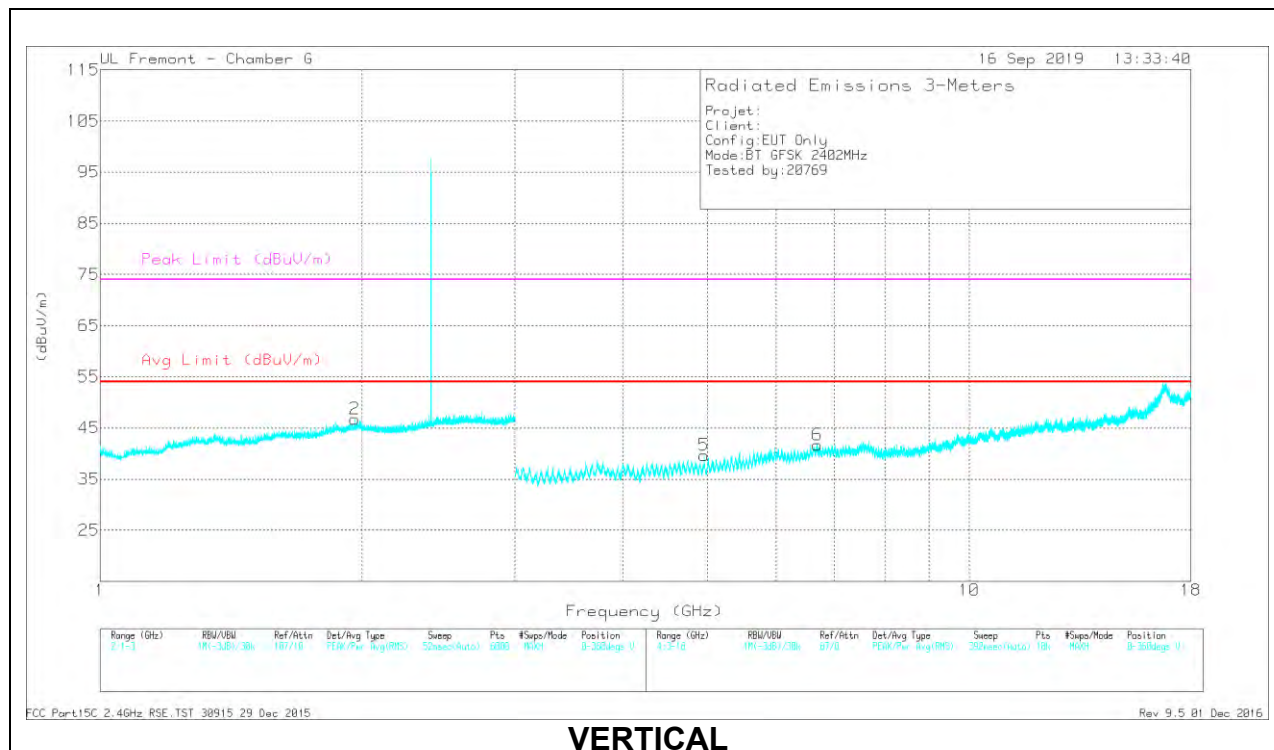
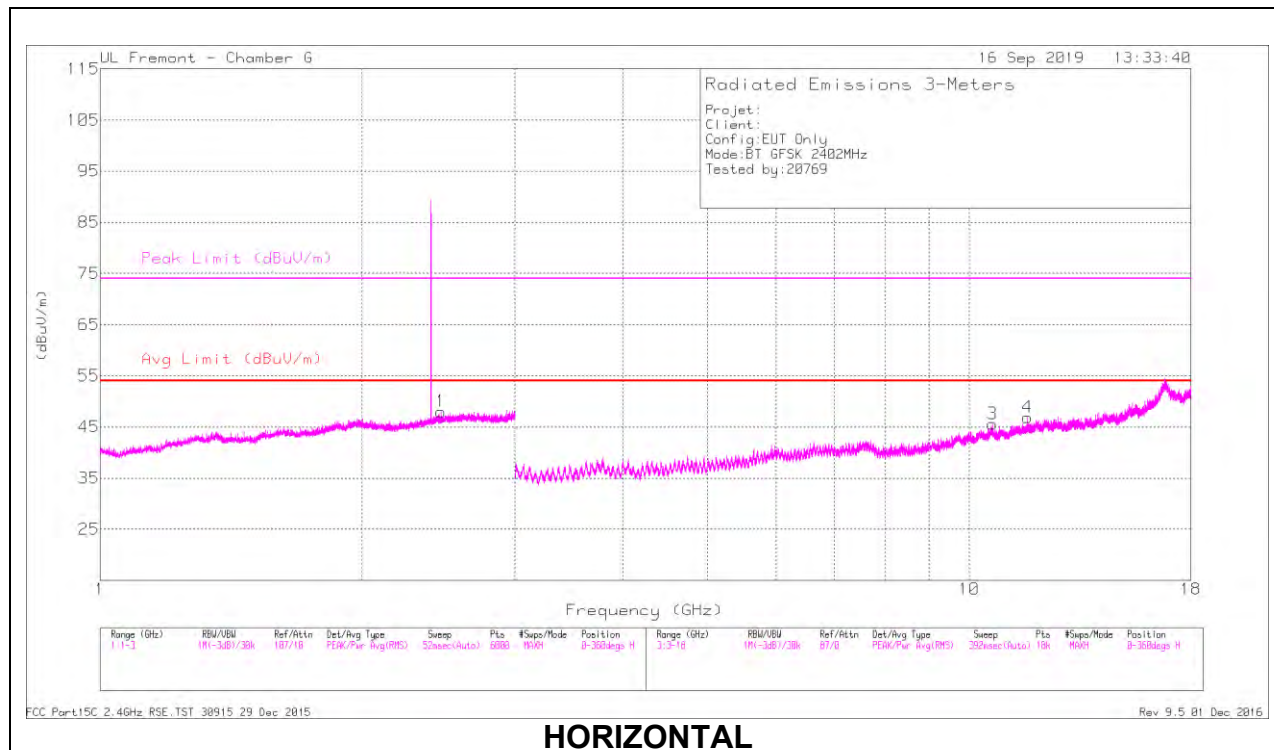
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

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

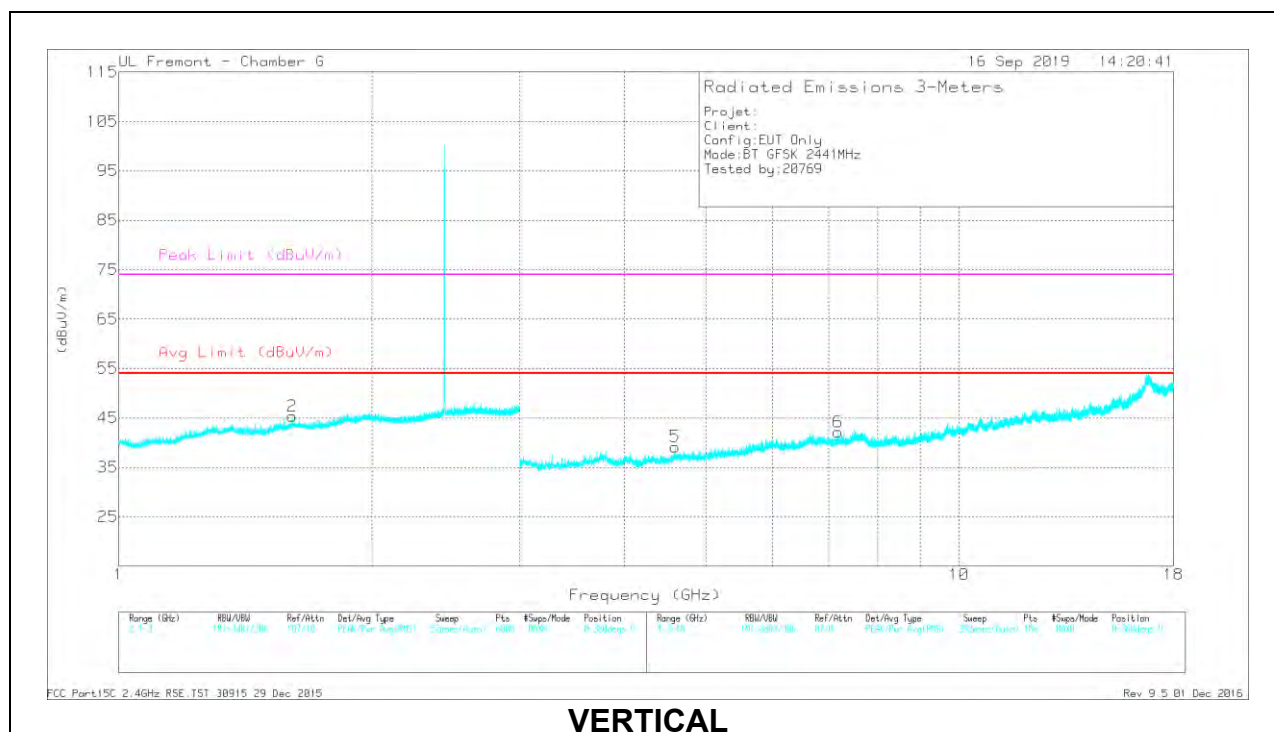
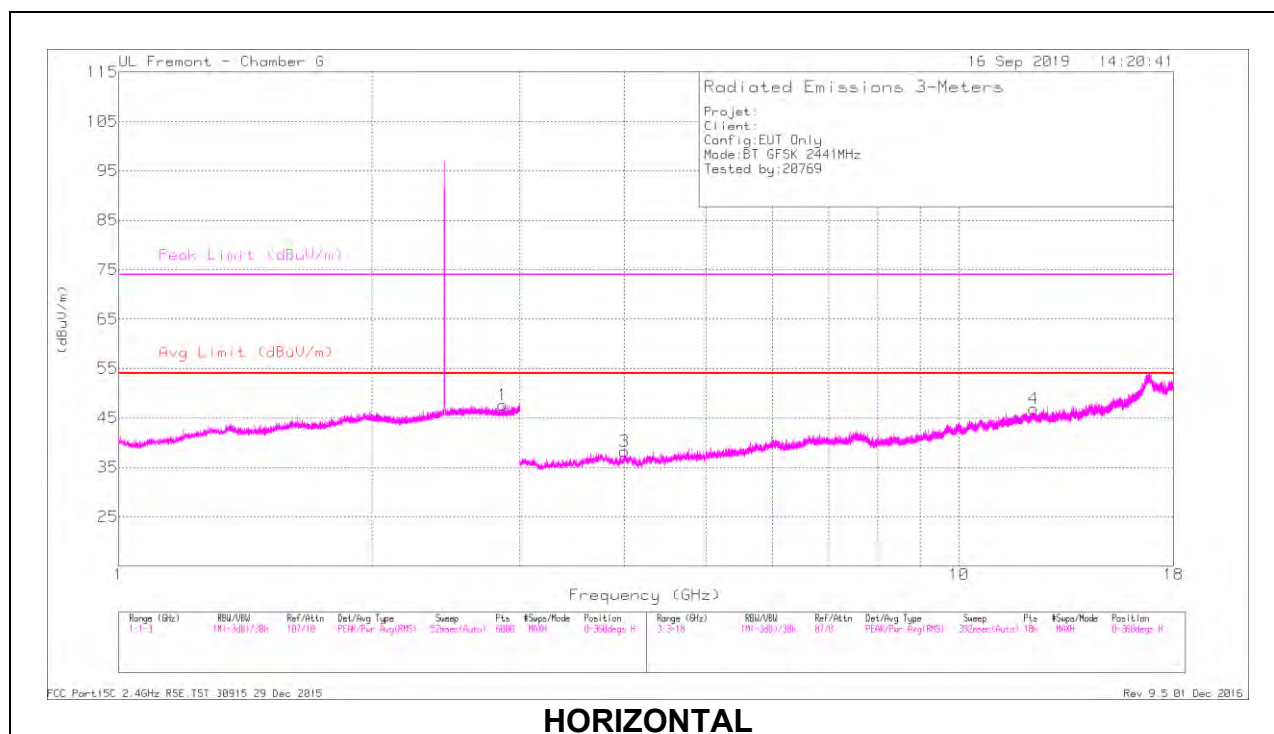
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1	2.467	42.9	PKFH	32.4	-22.1	53.2	-	-	-	-	291	239	H
2	1.962	43.09	PKFH	32.1	-22.6	52.59	-	-	-	-	300	384	V
3	* 10.634	35.98	PKFH	37.7	-23.2	50.48	-	-	74	-23.52	30	382	H
	* 10.631	24.12	VA1T	37.7	-23.1	38.72	54	-15.28	-	-	30	382	H
4	* 11.681	36.28	PKFH	38.5	-22.8	51.98	-	-	74	-22.02	228	119	H
	* 11.682	23.78	VA1T	38.5	-22.8	39.48	54	-14.52	-	-	228	119	H
5	* 4.954	39.01	PKFH	34	-29.7	43.31	-	-	74	-30.69	64	316	V
	* 4.954	27.99	VA1T	34	-29.7	32.29	54	-21.71	-	-	64	316	V
6	6.695	38.88	PKFH	36.5	-28.3	47.08	-	-	-	-	32	399	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

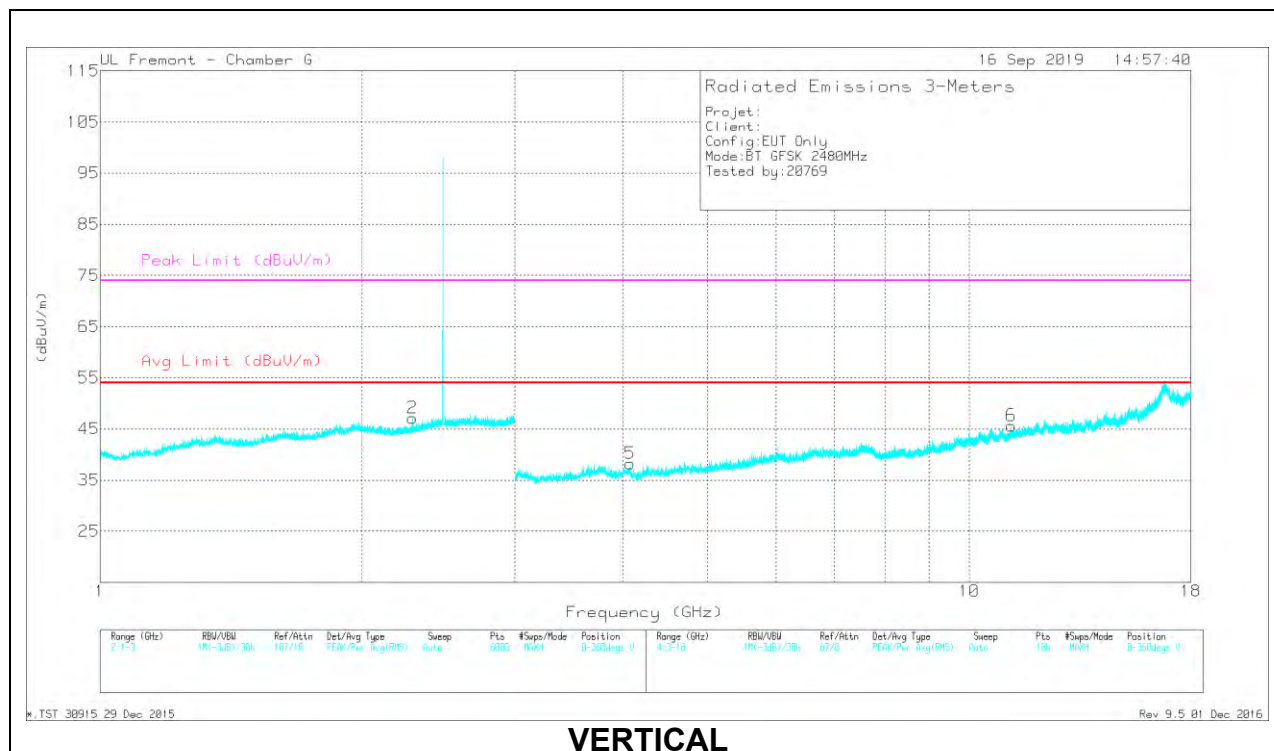
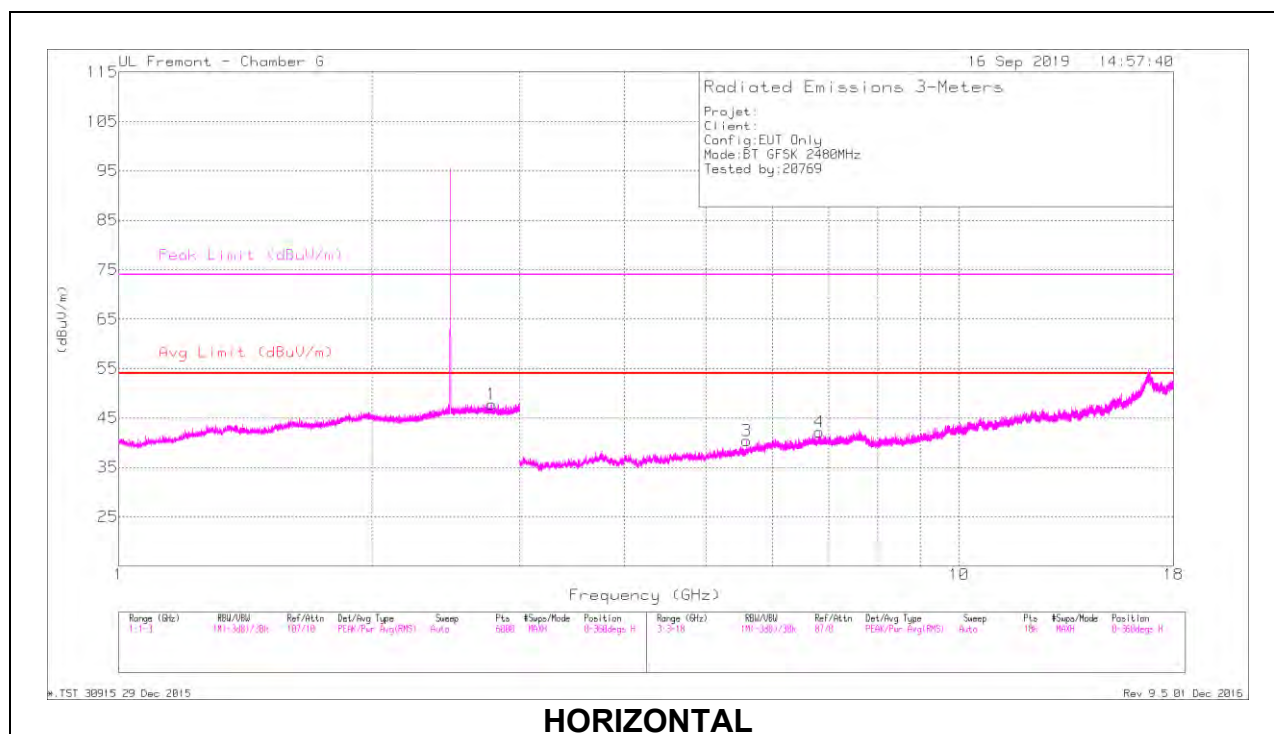
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T136 (dB/m)	Amp/Cbl/Filtr/Pad (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.864	42.07	PKFH	32.4	-21.9	52.57	-	-	74	-21.43	331	387	H
	* 2.863	30.39	VA1T	32.3	-21.9	40.79	54	-13.21	-	-	331	387	H
2	* 1.611	42.01	PKFH	28.8	-21.1	49.71	-	-	74	-24.29	134	361	V
	* 1.61	30.68	VA1T	28.8	-21.1	38.38	54	-15.62	-	-	134	361	V
3	* 4.002	39.6	PKFH	33.3	-29.1	43.8	-	-	74	-30.2	248	227	H
	* 4.003	27.95	VA1T	33.3	-29.1	32.15	54	-21.85	-	-	248	227	H
4	* 12.281	36.04	PKFH	39	-22.2	52.84	-	-	74	-21.16	188	110	H
	* 12.28	23.73	VA1T	39	-22.2	40.53	54	-13.47	-	-	188	110	H
5	* 4.595	40.03	PKFH	34	-29.6	44.43	-	-	74	-29.57	306	143	V
	* 4.594	28.32	VA1T	34	-29.6	32.72	54	-21.28	-	-	306	143	V
6	7.178	38.6	PKFH	36.4	-27.9	47.1	-	-	-	-	20	170	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 T136 (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	* 2.779	42.57	PKFH	32.4	-22	52.97	-	-	74	-21.03	328	162	H
	* 2.778	30.5	VA1T	32.4	-22	40.9	54	-13.1	-	-	328	162	H
2	* 2.288	42.85	PKFH	31.4	-22.3	51.95	-	-	74	-22.05	29	347	V
	* 2.287	30.54	VA1T	31.4	-22.3	39.64	54	-14.36	-	-	29	347	V
5	* 4.072	40.48	PKFH	33.2	-29.4	44.28	-	-	74	-29.72	336	387	V
	* 4.073	28.25	VA1T	33.2	-29.4	32.05	54	-21.95	-	-	336	387	V
6	* 11.183	35.77	PKFH	37.7	-23.2	50.27	-	-	74	-23.73	329	240	V
	* 11.183	24.21	VA1T	37.7	-23.2	38.71	54	-15.29	-	-	329	240	V
3	5.59	39.11	PKFH	34.9	-29.3	44.71	-	-	-	-	212	101	H
4	6.824	39.49	PKFH	36.4	-28.5	47.39	-	-	-	-	111	161	H

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

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

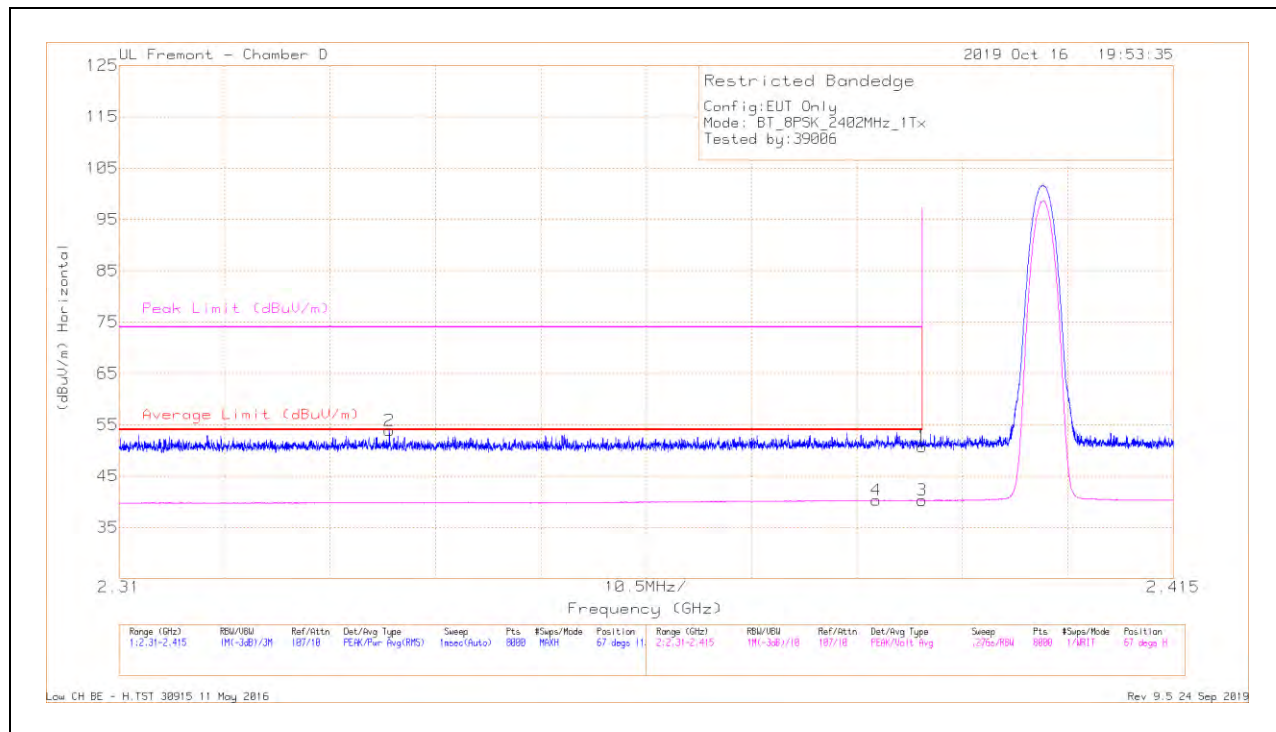
VA1T - FHSS: Linear Voltage Average VB=1/Ton where: Ton is transmit duration

9.1.4. LOW POWER ENHANCED DATA RATE 8PSK MODULATION

UAT 1

BANDEDGE (LOW CHANNEL)

HORIZONTAL RESULT



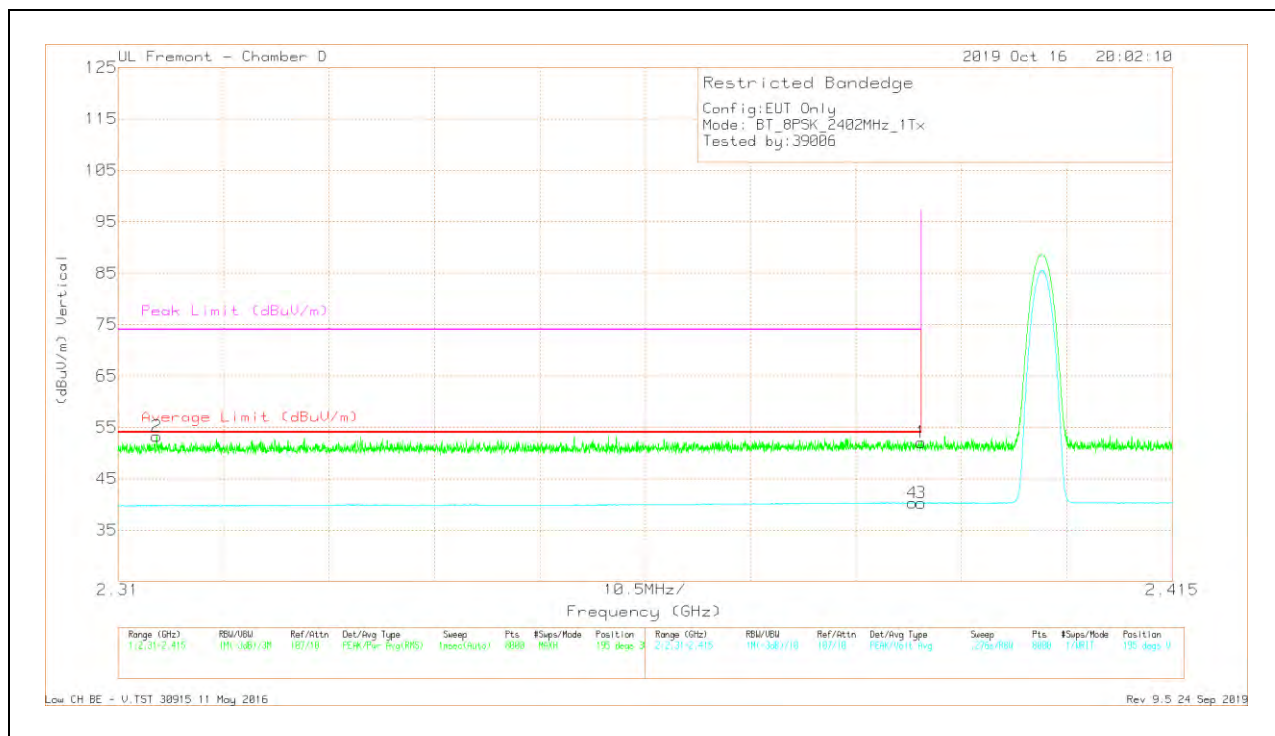
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T712 (dB/m)	Amp/Cbl/Filtr/Pad (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.39	39.22	Pk	32	-20.5	50.72	-	-	74	-23.28	67	113	H
2	* 2.33692	42.64	Pk	31.8	-20.6	53.84	-	-	74	-20.16	67	113	H
3	* 2.39	28.77	VA1T	32	-20.5	40.27	54	-13.73	-	-	67	113	H
4	* 2.38541	28.88	VA1T	32	-20.6	40.28	54	-13.72	-	-	67	113	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/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	40.58	Pk	32	-20.5	52.08	-	-	74	-21.92	195	382	V
2	* 2.31386	42.14	Pk	31.7	-20.6	53.24	-	-	74	-20.76	195	382	V
3	* 2.39	28.76	VA1T	32	-20.5	40.26	54	-13.74	-	-	195	382	V
4	* 2.38912	28.8	VA1T	32	-20.5	40.3	54	-13.7	-	-	195	382	V

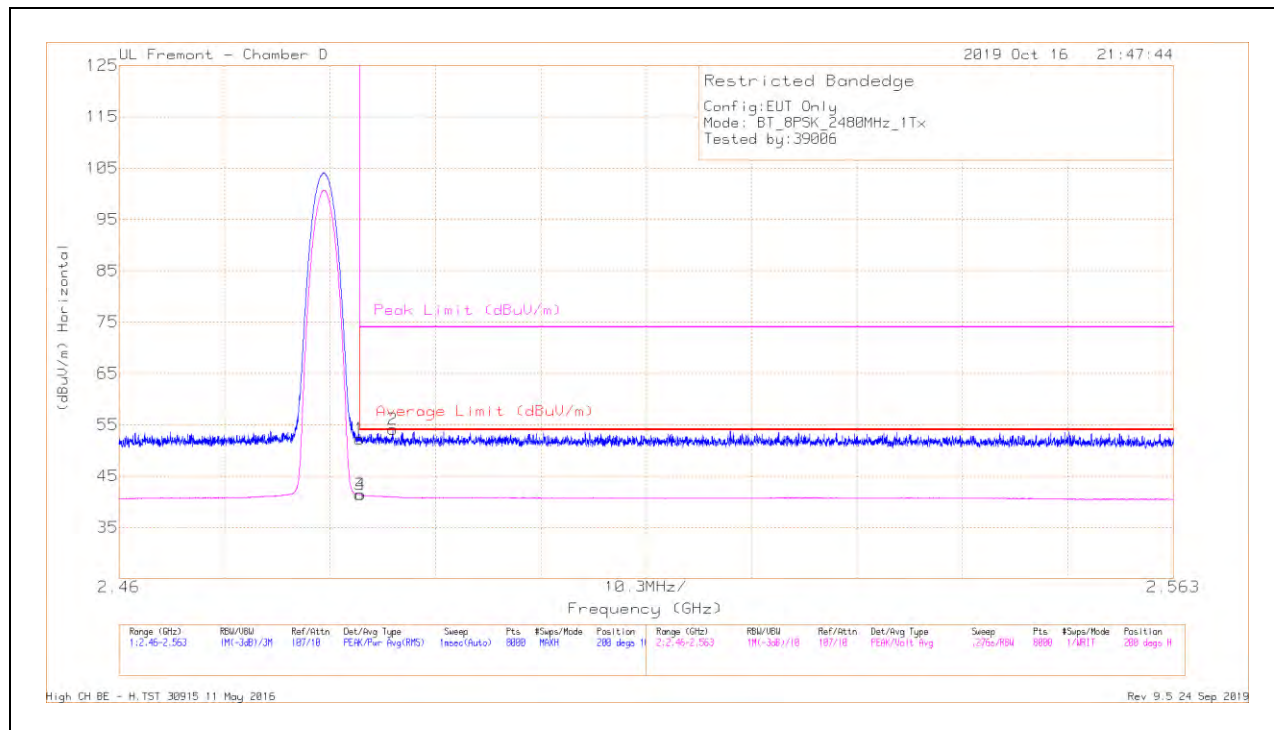
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

Pk - Peak detector

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

BANDEDGE (HIGH CHANNEL)

HORIZONTAL RESULT



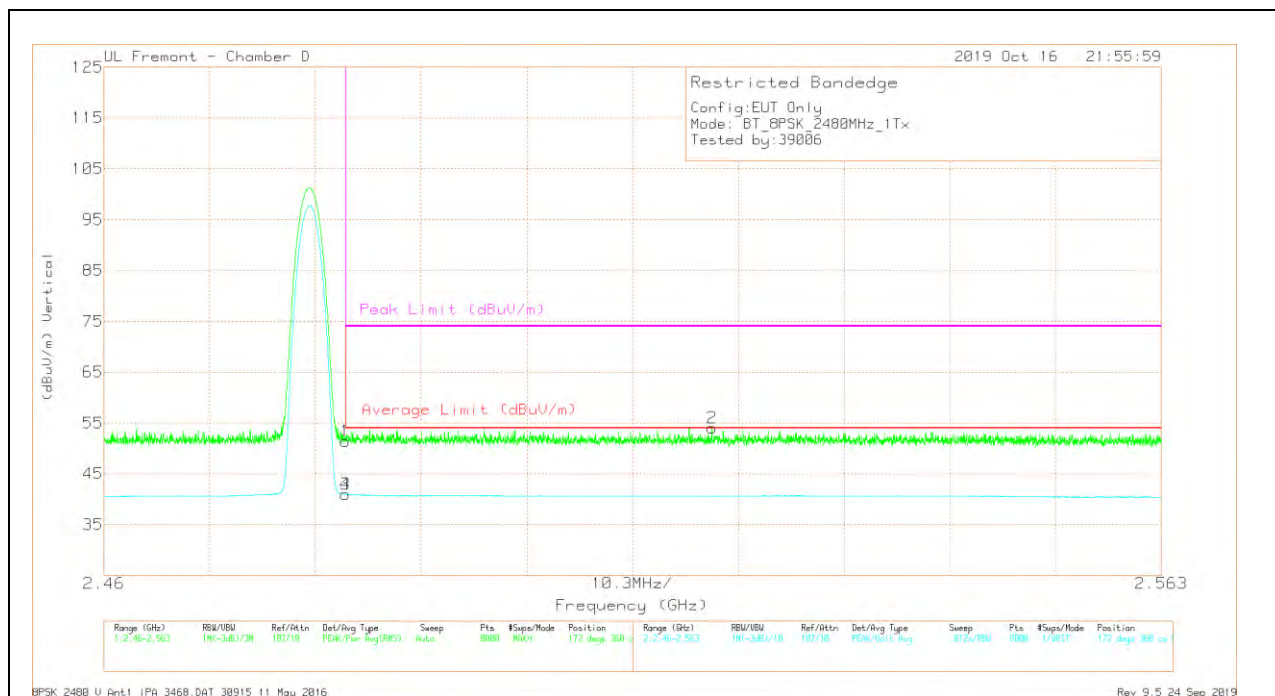
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T712 (dB/m)	Amp/Cbl/Filtr/Pad (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.4835	40.34	Pk	32.4	-20.5	52.24	-	-	74	-21.76	200	104	H
2	* 2.48675	42.31	Pk	32.3	-20.5	54.11	-	-	74	-19.89	200	104	H
3	* 2.4835	29.49	VA1T	32.4	-20.5	41.39	54	-12.61	-	-	200	104	H
4	* 2.48362	29.5	VA1T	32.4	-20.5	41.4	54	-12.6	-	-	200	104	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/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	* 2.4835	39.46	Pk	32.4	-20.5	51.36	-	-	74	-22.64	172	360	V
3	* 2.4835	29.1	VA1T	32.4	-20.5	41	54	-13	-	-	172	360	V
4	* 2.48354	29.08	VA1T	32.4	-20.5	40.98	54	-13.02	-	-	172	360	V
2	2.51922	42.27	Pk	32.3	-20.5	54.07	-	-	74	-19.93	172	360	V

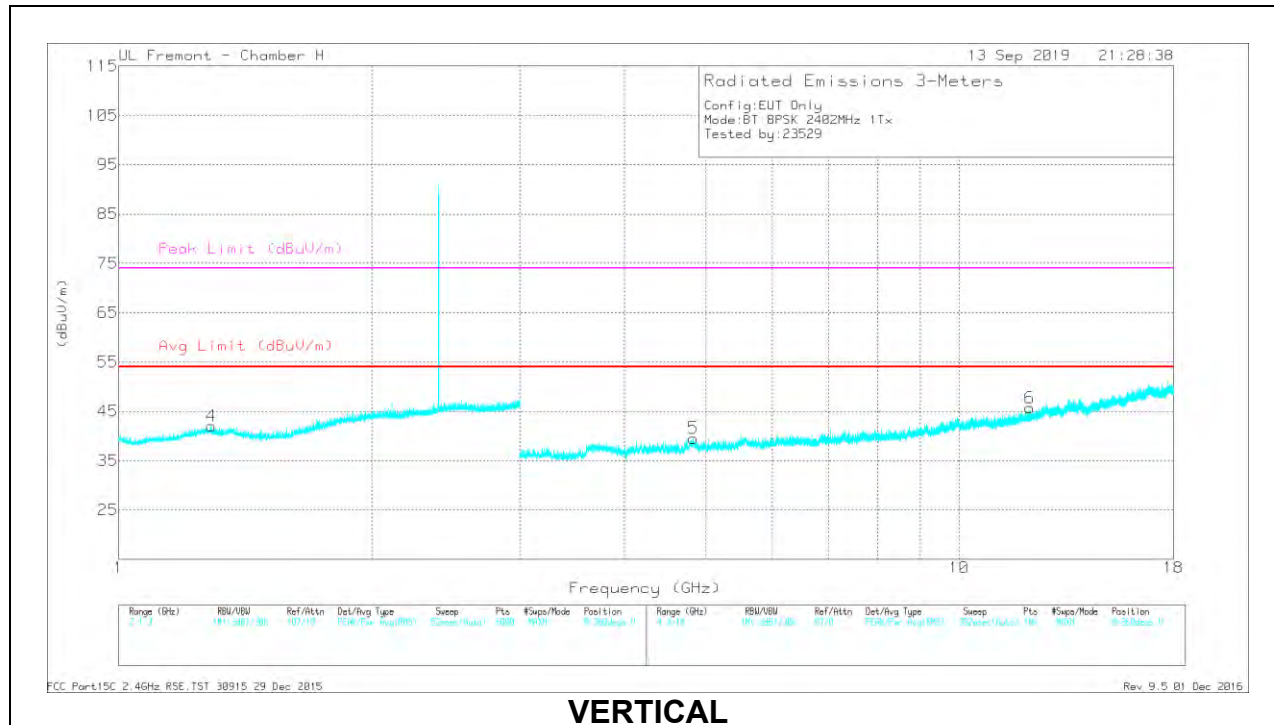
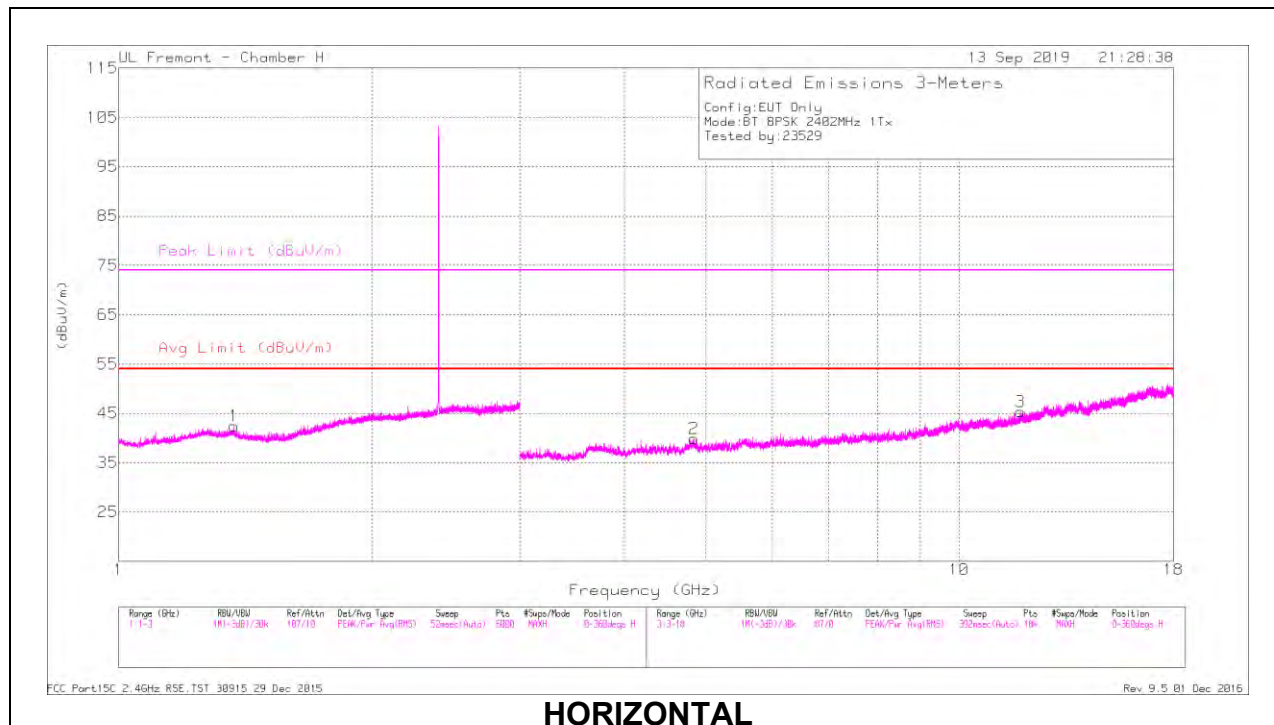
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

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

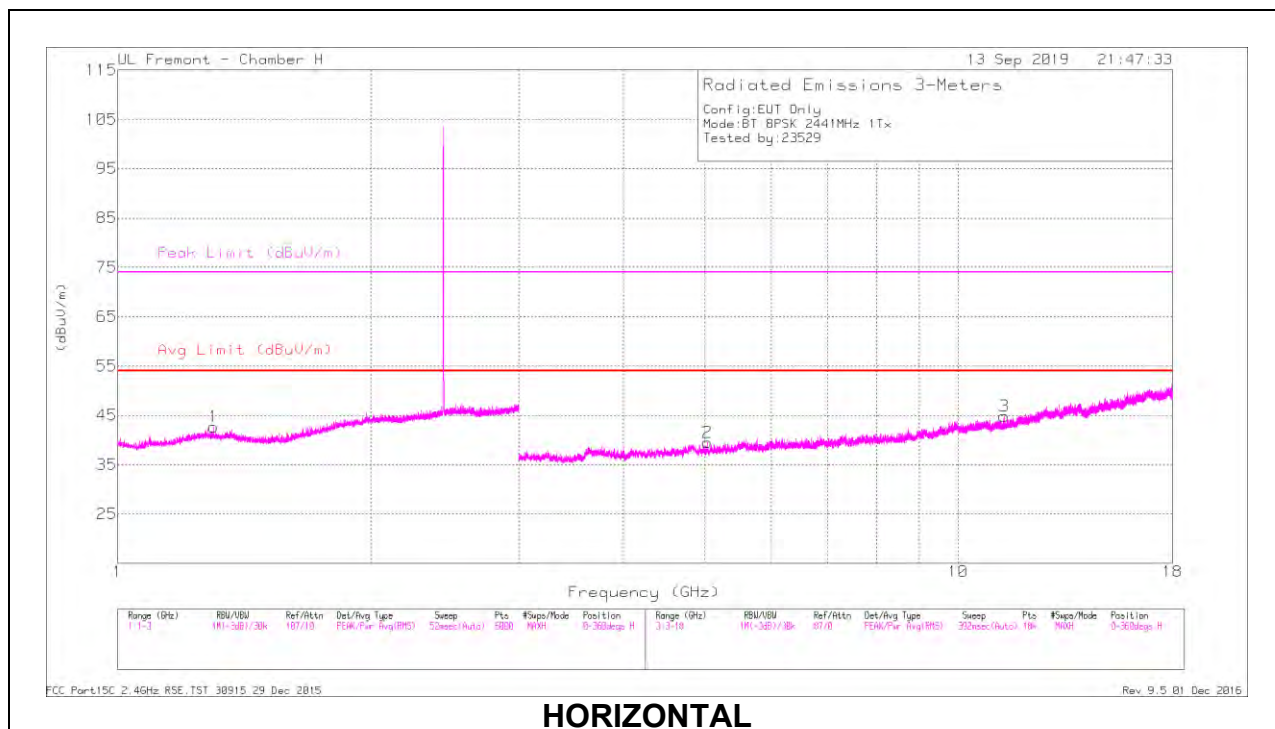
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T863 (dB/m)	Amp/Cbl/Filtr/Pad (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 1.372	43.9	PKFH	28.9	-25.2	47.6	-	-	74	-26.4	238	154	H
	* 1.37	31.86	VA1T	28.9	-25.2	35.56	54	-18.44	-	-	238	154	H
4	* 1.289	43.78	PKFH	29.2	-25.4	47.58	-	-	74	-26.42	179	209	V
	* 1.29	31.91	VA1T	29.2	-25.4	35.71	54	-18.29	-	-	179	209	V
2	* 4.838	40.64	PKFH	34.3	-30.3	44.64	-	-	74	-29.36	228	240	H
	* 4.835	28.75	VA1T	34.3	-30.3	32.75	54	-21.25	-	-	228	240	H
3	* 11.846	34.73	PKFH	38.5	-22.9	50.33	-	-	74	-23.67	110	186	H
	* 11.843	23.17	VA1T	38.5	-22.9	38.77	54	-15.23	-	-	110	186	H
5	* 4.825	41.49	PKFH	34.4	-30.3	45.59	-	-	74	-28.41	360	306	V
	* 4.827	29.08	VA1T	34.4	-30.3	33.18	54	-20.82	-	-	360	306	V
6	* 12.151	34.88	PKFH	38.9	-23.1	50.68	-	-	74	-23.32	322	294	V
	* 12.152	23.11	VA1T	38.9	-23.1	38.91	54	-15.09	-	-	322	294	V

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

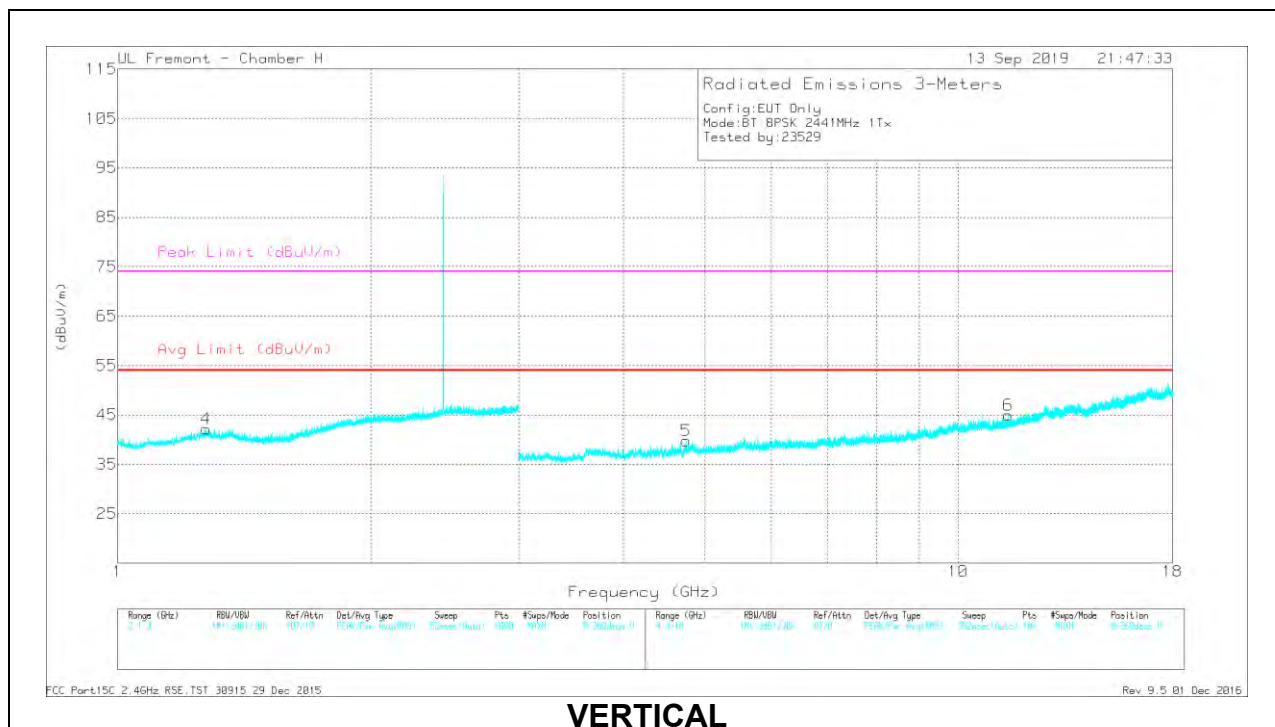
PKFH - FHSS: RB=100k/1MHz VB=3 x RB, Peak

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

MID CHANNEL RESULTS



HORIZONTAL



VERTICAL

RADIATED EMISSIONS

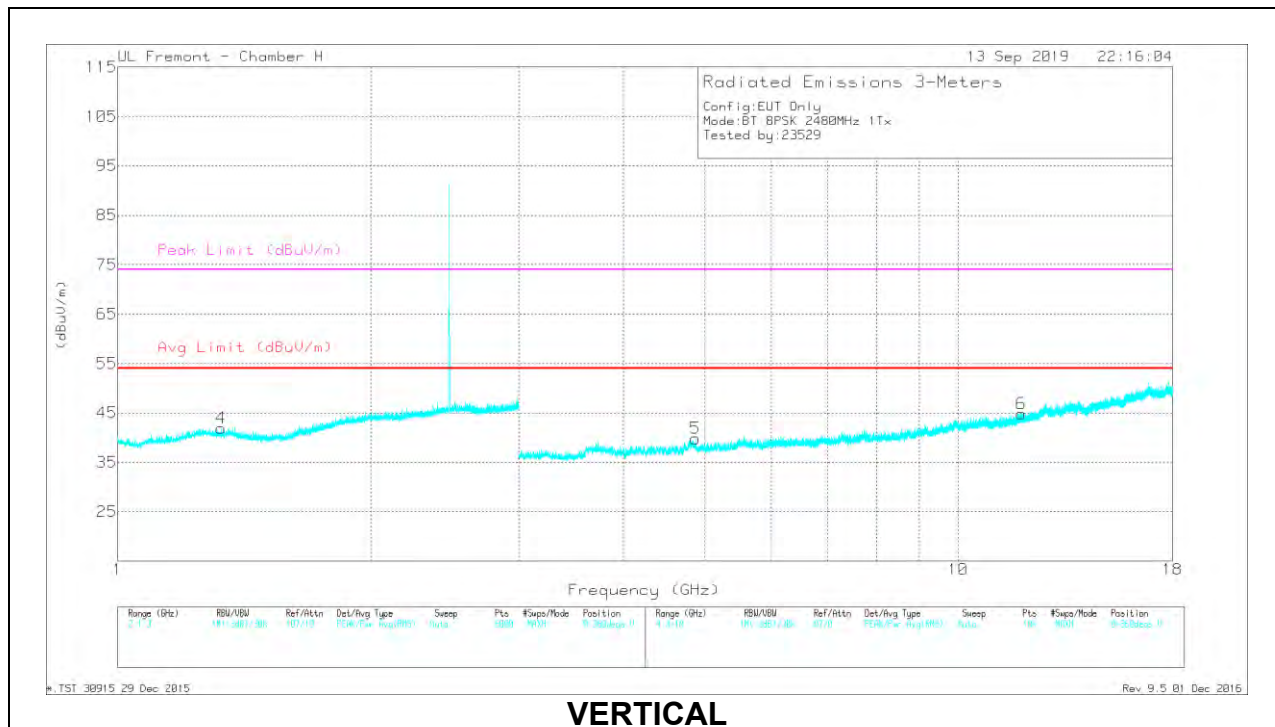
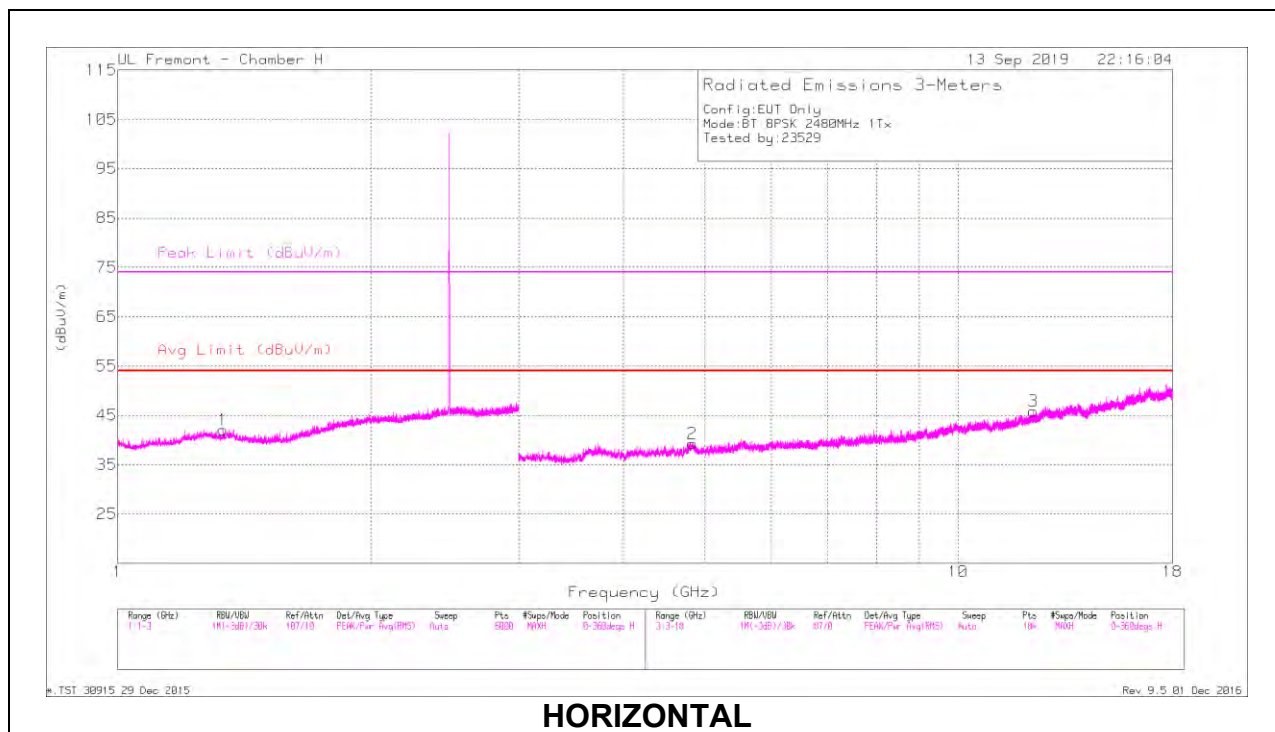
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T863 (dB/m)	Amp/Cbl/Filtr/Pad (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 1.3	43.76	PKFH	28.9	-25.4	47.26	-	-	74	-26.74	214	240	H
	* 1.3	31.93	VA1T	28.9	-25.4	35.43	54	-18.57	-	-	214	240	H
4	* 1.272	43.75	PKFH	29.3	-25.5	47.55	-	-	74	-26.45	167	216	V
	* 1.272	31.88	VA1T	29.3	-25.5	35.68	54	-18.32	-	-	167	216	V
2	* 5.034	39.9	PKFH	34.2	-29.5	44.6	-	-	74	-29.4	77	185	H
	* 5.035	28.05	VA1T	34.2	-29.5	32.75	54	-21.25	-	-	77	185	H
3	* 11.35	35.14	PKFH	38	-23.6	49.54	-	-	74	-24.46	109	154	H
	* 11.35	23.29	VA1T	38	-23.6	37.69	54	-16.31	-	-	109	154	H
6	* 11.484	35.14	PKFH	38.2	-23.3	50.04	-	-	74	-23.96	265	142	V
	* 11.485	23.05	VA1T	38.2	-23.3	37.95	54	-16.05	-	-	265	142	V
5	* 4.746	40.75	PKFH	34.2	-30	44.95	-	-	74	-29.05	293	325	V
	* 4.743	29.14	VA1T	34.2	-30	33.34	54	-20.66	-	-	293	325	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 T863 (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	* 1.334	44.12	PKFH	28.9	-25.3	47.72	-	-	74	-26.28	143	278	H
	* 1.332	31.77	VA1T	28.8	-25.3	35.27	54	-18.73	-	-	143	278	H
4	* 1.329	43.25	PKFH	28.7	-25.3	46.65	-	-	74	-27.35	226	270	V
	* 1.329	31.79	VA1T	28.7	-25.3	35.19	54	-18.81	-	-	226	270	V
2	* 4.83	40.97	PKFH	34.4	-30.4	44.97	-	-	74	-29.03	175	186	H
	* 4.833	28.99	VA1T	34.3	-30.4	32.89	54	-21.11	-	-	175	186	H
3	* 12.288	35.33	PKFH	39	-22.8	51.53	-	-	74	-22.47	206	166	H
	* 12.288	23.09	VA1T	39	-22.8	39.29	54	-14.71	-	-	206	166	H
5	* 4.876	40.13	PKFH	34.3	-30.4	44.03	-	-	74	-29.97	63	298	V
	* 4.874	28.4	VA1T	34.3	-30.4	32.3	54	-21.7	-	-	63	298	V
6	* 11.904	34.66	PKFH	38.6	-23	50.26	-	-	74	-23.74	166	202	V
	* 11.903	23.15	VA1T	38.6	-23	38.75	54	-15.25	-	-	166	202	V

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

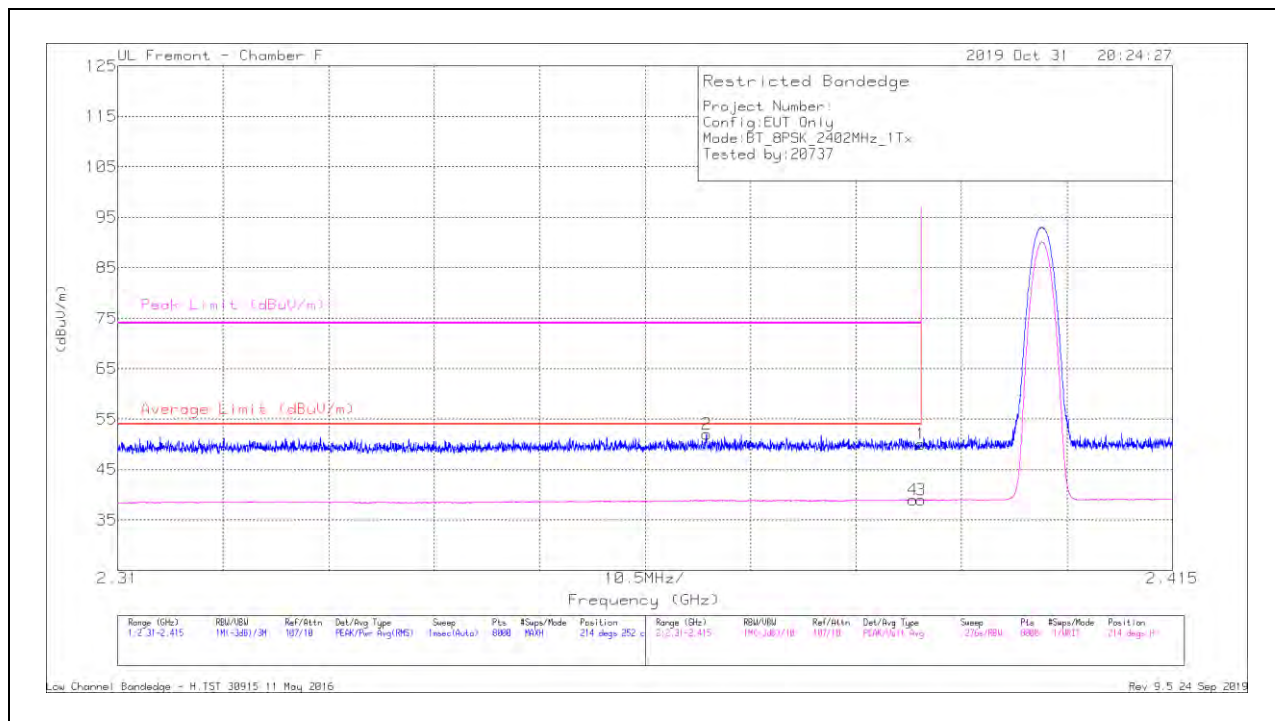
PKFH - FHSS: RB=100k/1MHz VB=3 x RB, Peak

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

LAT 3

BANDEDGE (LOW CHANNEL)

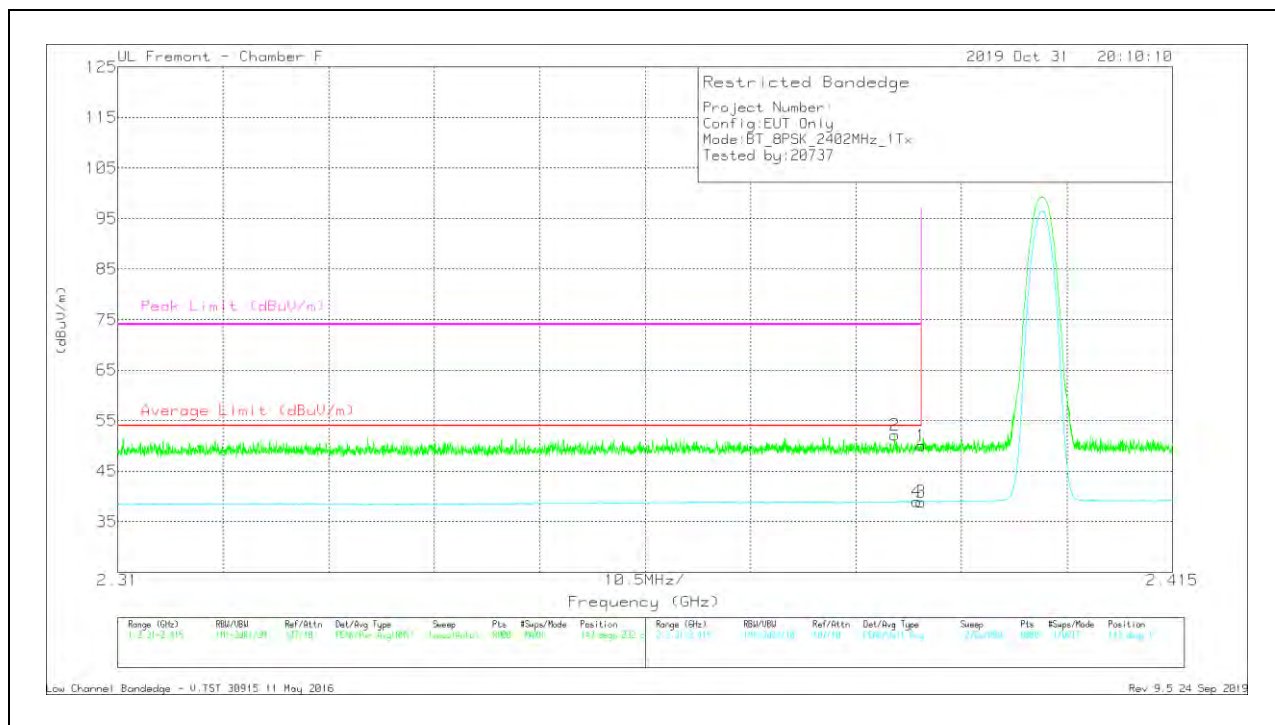
HORIZONTAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T345 (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	54.48	Pk	32	-36.4	50.08	-	-	74	-23.92	214	252	H
2	* 2.36861	56.49	Pk	31.9	-36.4	51.99	-	-	74	-22.01	214	252	H
3	* 2.39	43.35	VA1T	32	-36.4	38.95	54	-15.05	-	-	214	252	H
4	* 2.38914	43.39	VA1T	32	-36.4	38.99	54	-15.01	-	-	214	252	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)	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	54.47	Pk	32	-36.4	50.07	-	-	74	-23.93	143	232	V
2	* 2.38734	56.64	Pk	31.9	-36.4	52.14	-	-	74	-21.86	143	232	V
3	* 2.39	43.33	VA1T	32	-36.4	38.93	54	-15.07	-	-	143	232	V
4	* 2.38955	43.41	VA1T	32	-36.4	39.01	54	-14.99	-	-	143	232	V

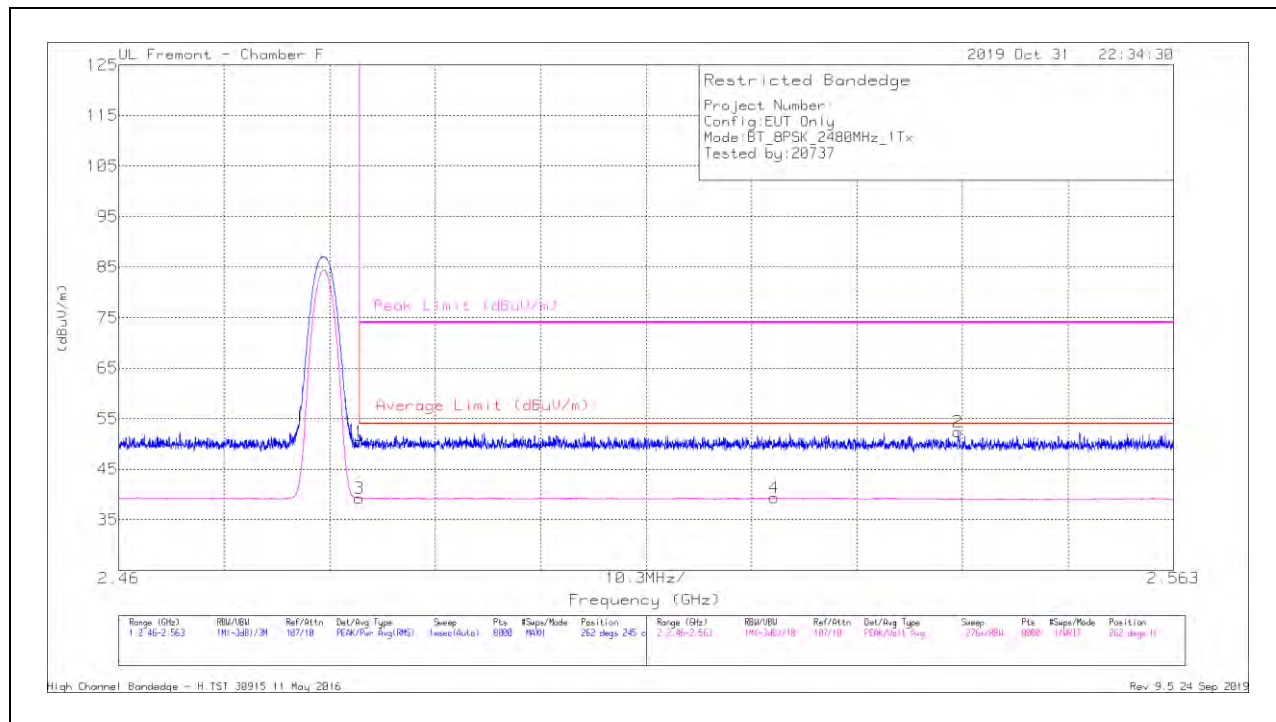
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

Pk - Peak detector

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

BANDEDGE (HIGH CHANNEL)

HORIZONTAL RESULT



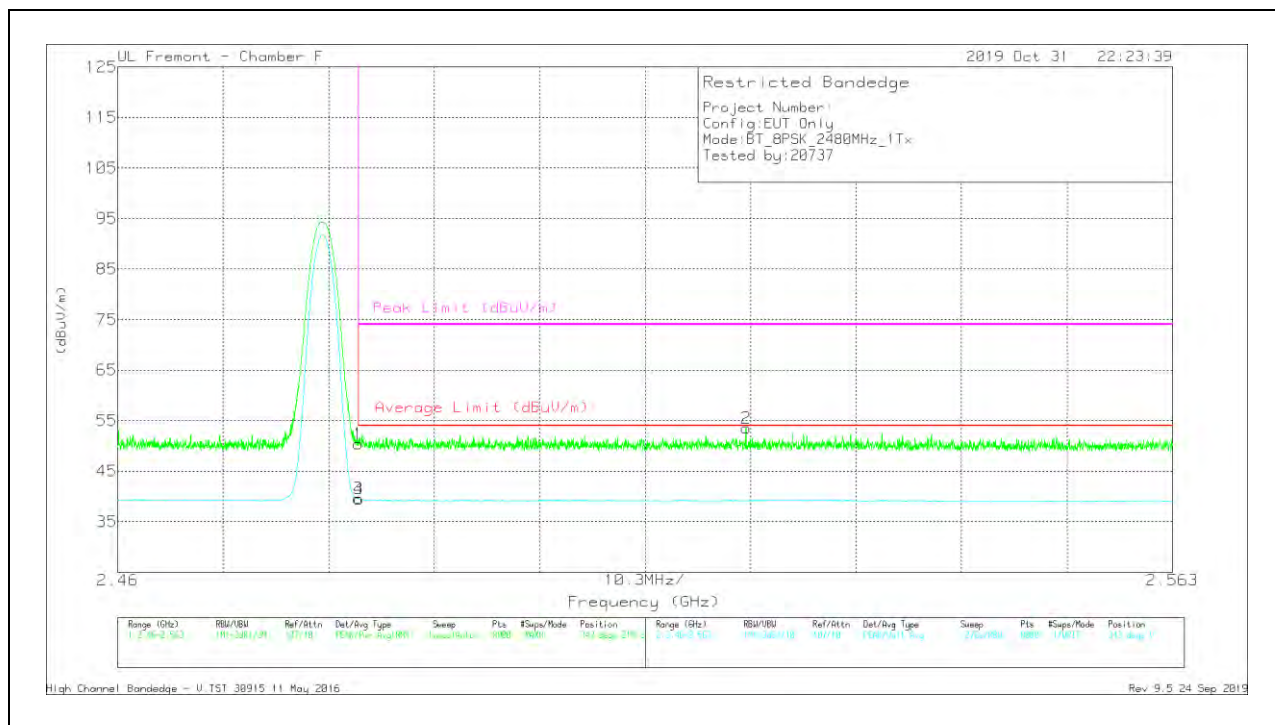
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T345 (dB/m)	Amp/Cbl/Filtr/Pad (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.4835	54.16	Pk	32.4	-36.2	50.36	-	-	74	-23.64	262	245	H
2	2.54195	56.26	Pk	32.3	-36.2	52.36	-	-	74	-21.64	262	245	H
3	* 2.4835	43.05	VA1T	32.4	-36.2	39.25	54	-14.75	-	-	262	245	H
4	2.52402	42.91	VA1T	32.4	-36	39.31	54	-14.69	-	-	262	245	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)	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	* 2.4835	54.19	Pk	32.4	-36.2	50.39	-	-	74	-23.61	343	218	V
2	2.52136	57.29	Pk	32.3	-36.1	53.49	-	-	74	-20.51	343	218	V
3	* 2.4835	43.36	VA1T	32.4	-36.2	39.56	54	-14.44	-	-	343	218	V
4	* 2.48354	43.33	VA1T	32.4	-36.2	39.53	54	-14.47	-	-	343	218	V

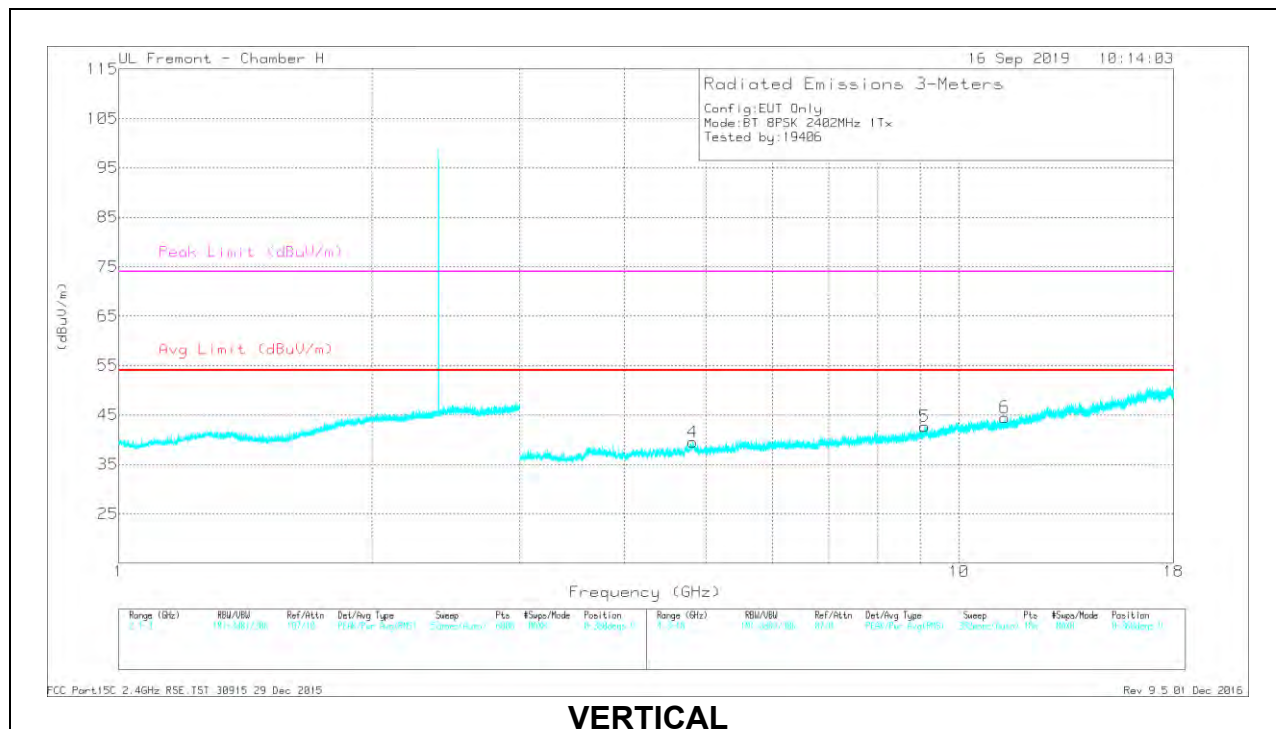
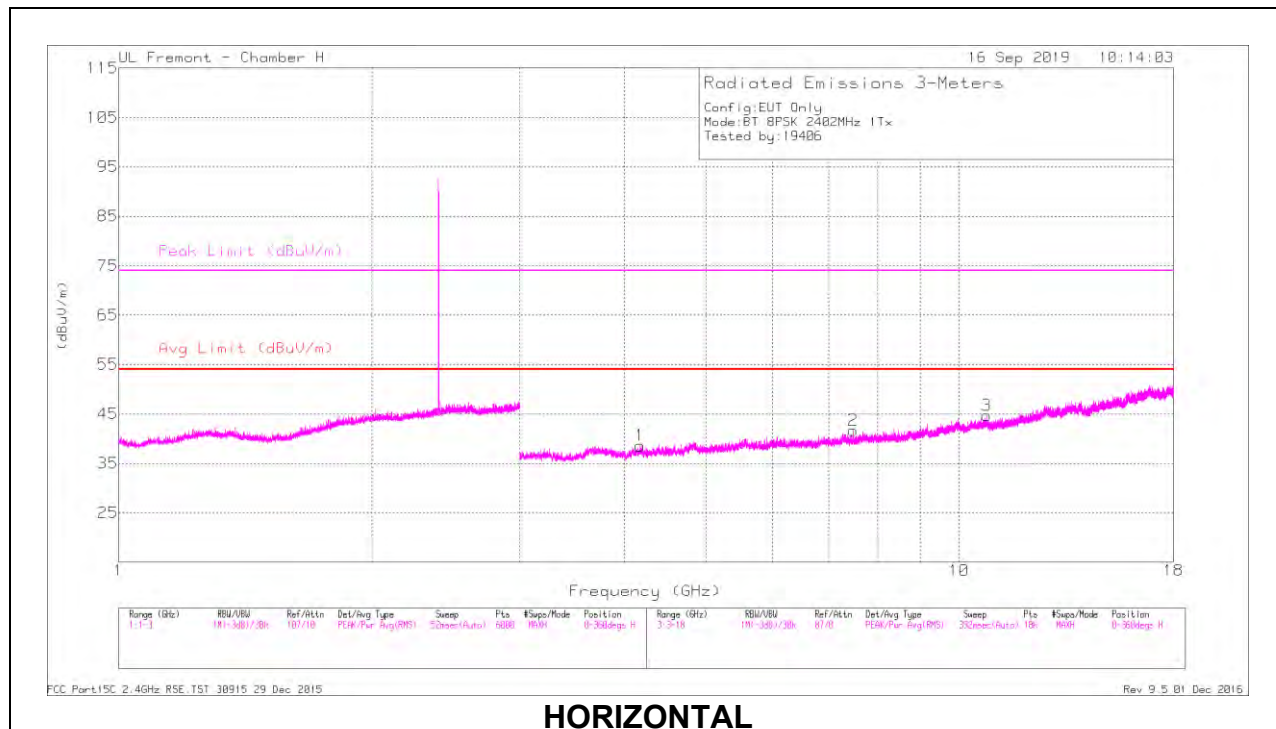
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

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

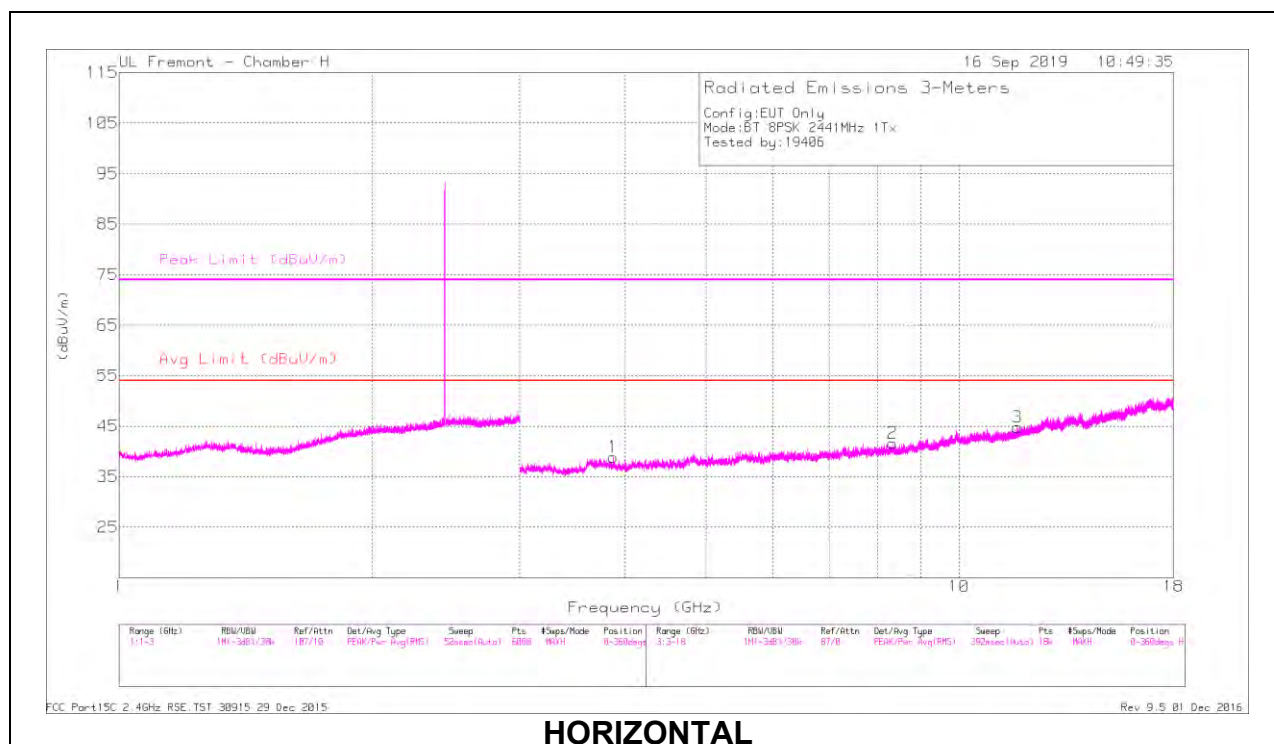
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T863 (dB/m)	Amp/Cbl/Filtr/Pad (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 4.175	41.06	PKFH	33.5	-30.7	43.86	-	-	74	-30.14	185	152	H
	* 4.172	28.97	VA1T	33.5	-30.7	31.77	54	-22.23	-	-	185	152	H
2	* 7.479	38.71	PKFH	36.1	-27.5	47.31	-	-	74	-26.69	351	317	H
	* 7.481	25.89	VA1T	36.2	-27.5	34.59	54	-19.41	-	-	351	317	H
3	* 10.792	35	PKFH	37.6	-22.2	50.4	-	-	74	-23.6	299	332	H
	* 10.791	22.77	VA1T	37.6	-22.2	38.17	54	-15.83	-	-	299	332	H
4	* 4.826	41.22	PKFH	34.4	-30.3	45.32	-	-	74	-28.68	166	284	V
	* 4.826	28.99	VA1T	34.4	-30.3	33.09	54	-20.91	-	-	166	284	V
5	* 9.106	35.69	PKFH	36.2	-23.7	48.19	-	-	74	-25.81	317	213	V
	* 9.106	23.54	VA1T	36.2	-23.7	36.04	54	-17.96	-	-	317	213	V
6	* 11.335	35.3	PKFH	38	-23.6	49.7	-	-	74	-24.3	232	271	V
	* 11.337	23.36	VA1T	38	-23.6	37.76	54	-16.24	-	-	232	271	V

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

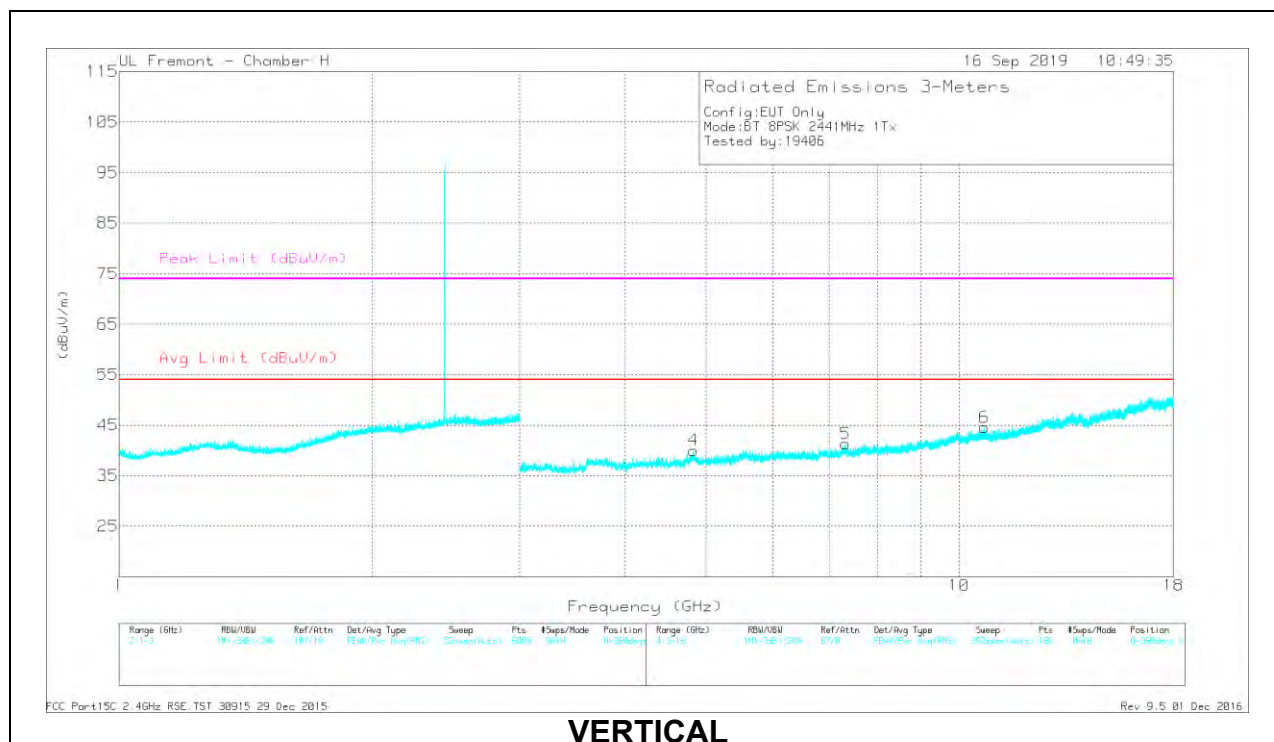
PKFH - FHSS: RB=100k/1MHz VB=3 x RB, Peak

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

MID CHANNEL RESULTS



HORIZONTAL



VERTICAL

RADIATED EMISSIONS

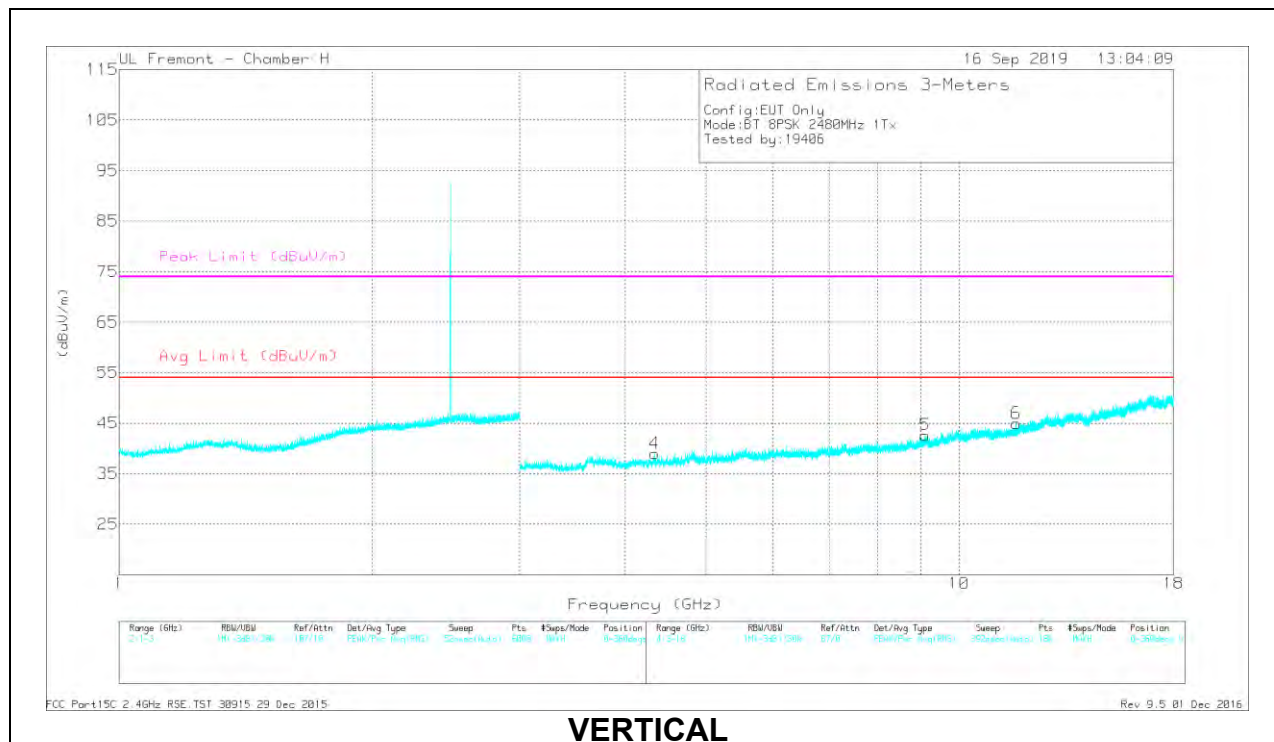
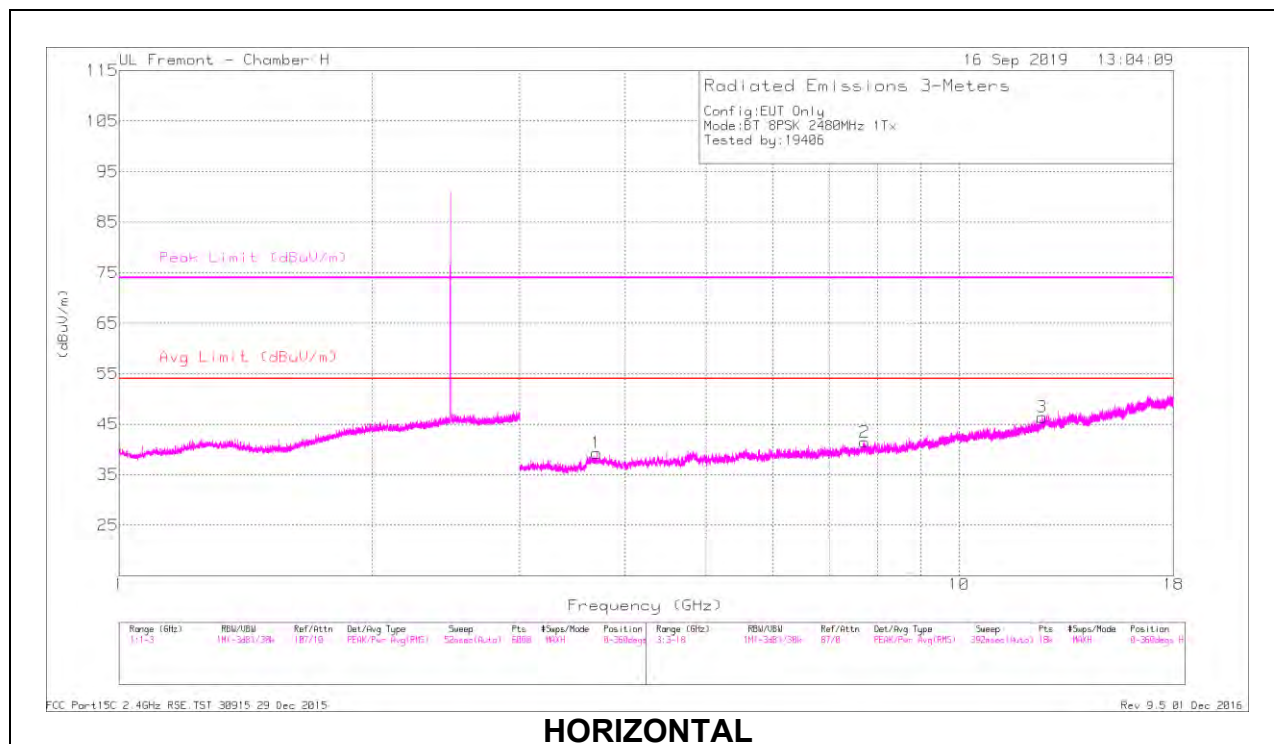
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T863 (dB/m)	Amp/Cbl/Filtr/Pad (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 3.874	40.3	PKFH	33.4	-30.4	43.3	-	-	74	-30.7	356	123	H
	* 3.876	28.9	VA1T	33.5	-30.4	32	54	-22	-	-	356	123	H
2	* 8.34	36.63	PKFH	36	-25.7	46.93	-	-	74	-27.07	71	323	H
	* 8.34	24.63	VA1T	36	-25.7	34.93	54	-19.07	-	-	71	323	H
3	* 11.747	35.54	PKFH	38.4	-23.4	50.54	-	-	74	-23.46	2	390	H
	* 11.747	23.33	VA1T	38.4	-23.4	38.33	54	-15.67	-	-	2	390	H
4	* 4.832	41.08	PKFH	34.3	-30.4	44.98	-	-	74	-29.02	241	174	V
	* 4.83	29.04	VA1T	34.4	-30.4	33.04	54	-20.96	-	-	241	174	V
5	* 7.327	36.78	PKFH	36	-26.6	46.18	-	-	74	-27.82	125	246	V
	* 7.328	25.48	VA1T	36	-26.6	34.88	54	-19.12	-	-	125	246	V
6	* 10.724	35.38	PKFH	37.6	-22.5	50.48	-	-	74	-23.52	43	159	V
	* 10.726	22.7	VA1T	37.6	-22.5	37.8	54	-16.2	-	-	43	159	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 T863 (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	* 3.704	41.3	PKFH	33.2	-30.6	43.9	-	-	74	-30.1	23	332	H
	* 3.702	28.8	VA1T	33.2	-30.5	31.5	54	-22.5	-	-	23	332	H
2	* 7.721	36.87	PKFH	36.2	-26.3	46.77	-	-	74	-27.23	7	237	H
	* 7.722	25.17	VA1T	36.2	-26.3	35.07	54	-18.93	-	-	7	237	H
3	* 12.56	34.73	PKFH	39.5	-23	51.23	-	-	74	-22.77	58	107	H
	* 12.559	23.3	VA1T	39.5	-22.9	39.9	54	-14.1	-	-	58	107	H
4	* 4.339	39.96	PKFH	33.7	-29.8	43.86	-	-	74	-30.14	323	158	V
	* 4.34	28.07	VA1T	33.7	-29.8	31.97	54	-22.03	-	-	323	158	V
5	* 9.116	35.5	PKFH	36.3	-23.6	48.2	-	-	74	-25.8	38	340	V
	* 9.117	23.62	VA1T	36.3	-23.6	36.32	54	-17.68	-	-	38	340	V
6	* 11.697	34.56	PKFH	38.4	-23.3	49.66	-	-	74	-24.34	340	100	V
	* 11.696	23.03	VA1T	38.5	-23.4	38.13	54	-15.87	-	-	340	100	V

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

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

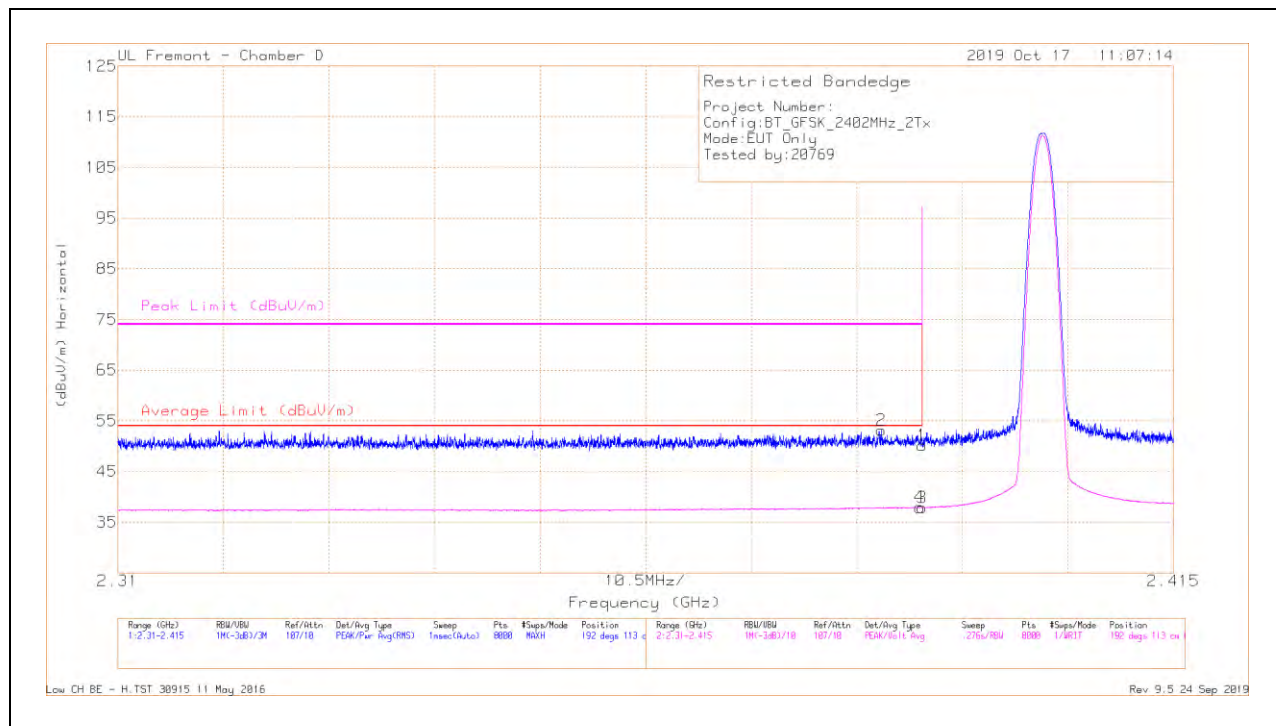
VA1T - FHSS: Linear Voltage Average VB=1/Ton where: Ton is transmit duration

9.2. BEAMFORMING TRANSMITTER ABOVE 1 GHz

9.2.1. HIGH POWER BASIC DATA RATE GFSK MODULATION

BANDEDGE (LOW CHANNEL)

HORIZONTAL RESULT



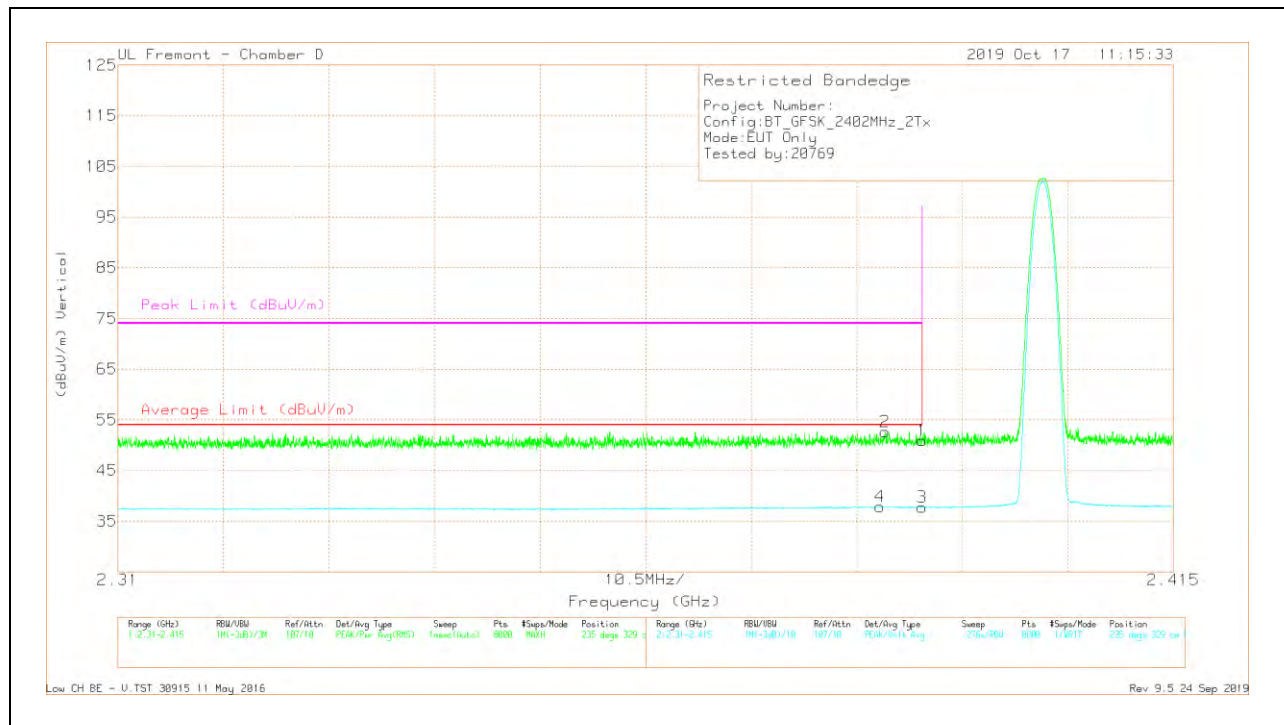
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T712 (dB/m)	Amp/Cbl/Filtr/Pad (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.39	38.72	Pk	32	-20.5	50.22	-	-	74	-23.78	192	113	H
2	* 2.38594	41.73	Pk	32	-20.6	53.13	-	-	74	-20.87	192	113	H
3	* 2.39	26.43	VA1T	32	-20.5	37.93	54	-16.07	-	-	192	113	H
4	* 2.38979	26.44	VA1T	32	-20.5	37.94	54	-16.06	-	-	192	113	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/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	39.36	Pk	32	-20.5	50.86	-	-	74	-23.14	235	329	V
2	* 2.38631	41.28	Pk	32	-20.6	52.68	-	-	74	-21.32	235	329	V
3	* 2.39	26.23	VA1T	32	-20.5	37.73	54	-16.27	-	-	235	329	V
4	* 2.38583	26.43	VA1T	32	-20.6	37.83	54	-16.17	-	-	235	329	V

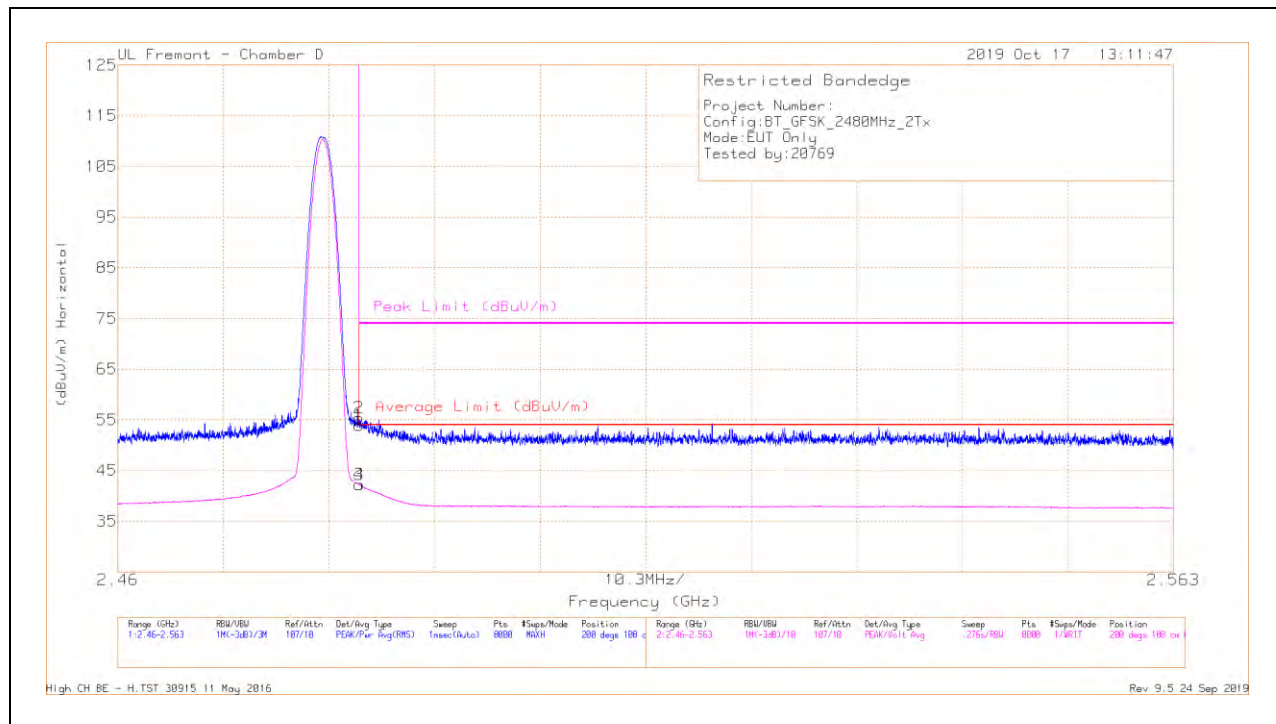
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

Pk - Peak detector

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

BANDEDGE (HIGH CHANNEL)

HORIZONTAL RESULT



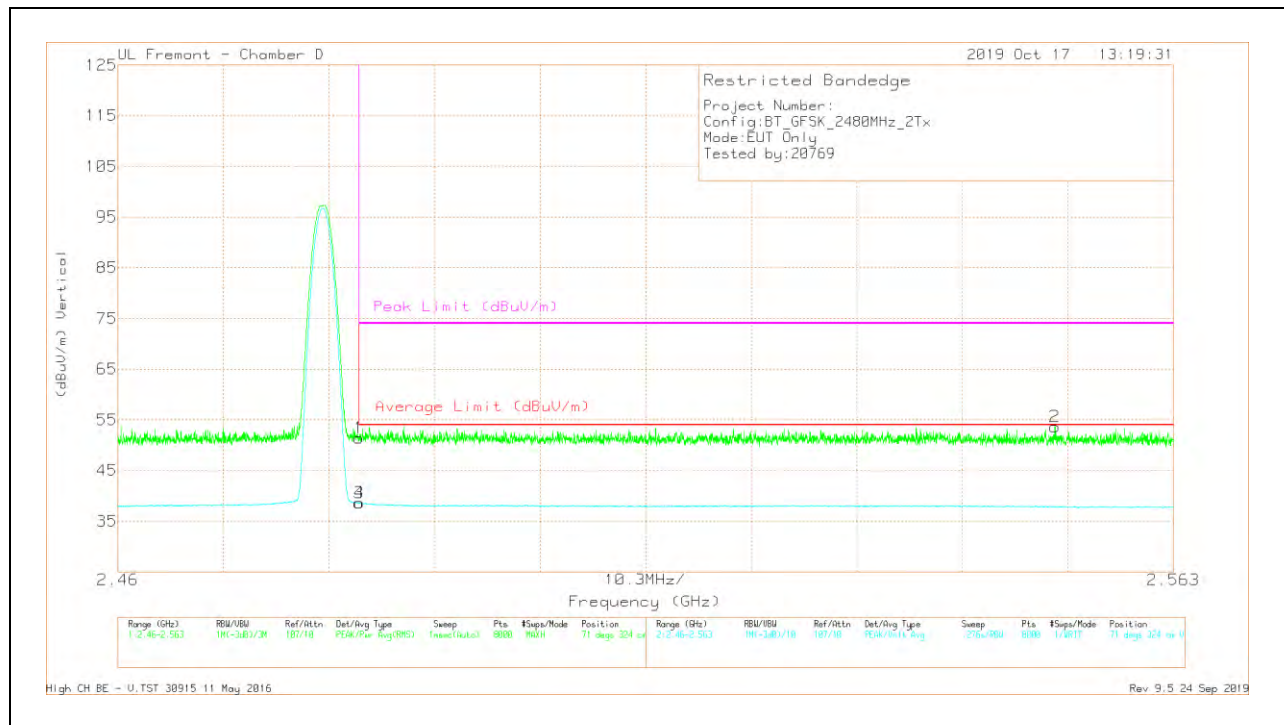
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T712 (dB/m)	Amp/Cbl/Filtr/Pad (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.4835	42	Pk	32.4	-20.5	53.9	-	-	74	-20.1	200	108	H
2	* 2.48354	43.46	Pk	32.4	-20.5	55.36	-	-	74	-18.64	200	108	H
3	* 2.4835	30.33	VA1T	32.4	-20.5	42.23	54	-11.77	-	-	200	108	H
4	* 2.48355	30.28	VA1T	32.4	-20.5	42.18	54	-11.82	-	-	200	108	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/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	* 2.4835	39.47	Pk	32.4	-20.5	51.37	-	-	74	-22.63	71	324	V
3	* 2.4835	26.67	VA1T	32.4	-20.5	38.57	54	-15.43	-	-	71	324	V
4	* 2.48356	26.68	VA1T	32.4	-20.5	38.58	54	-15.42	-	-	71	324	V
2	2.55144	41.89	Pk	32.1	-20.3	53.69	-	-	74	-20.31	71	324	V

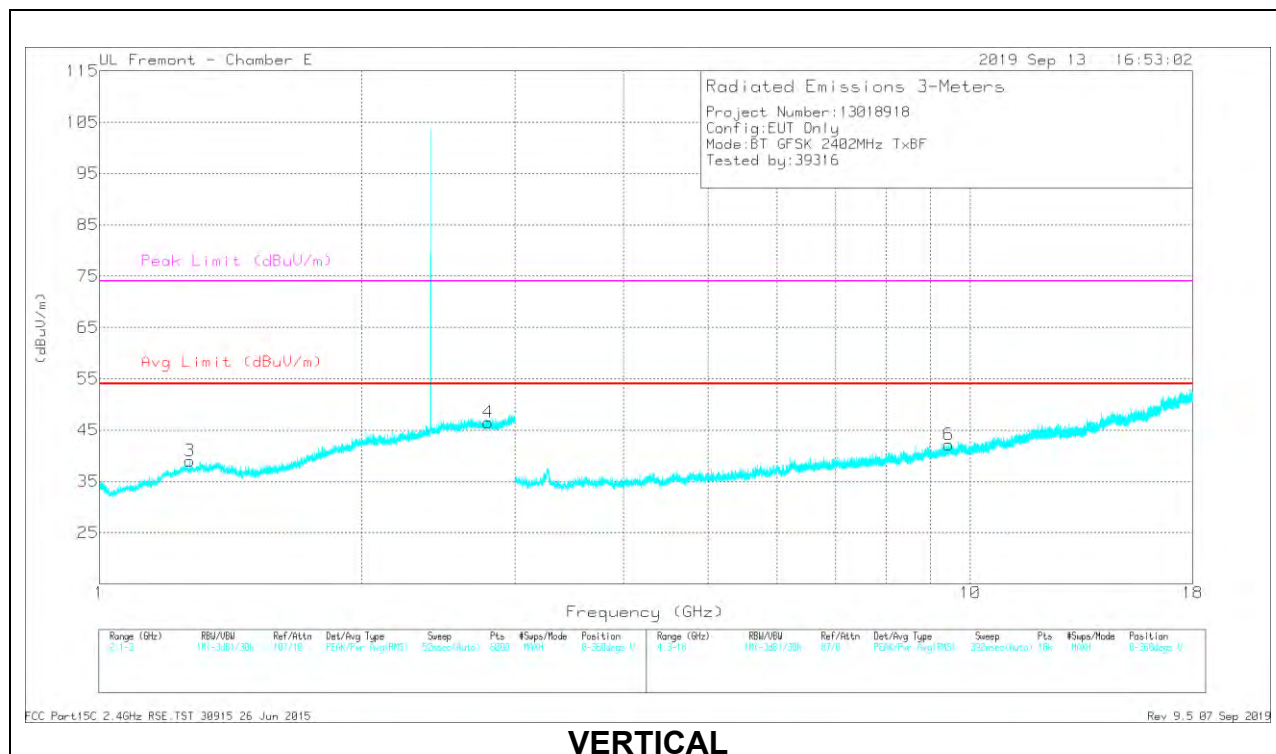
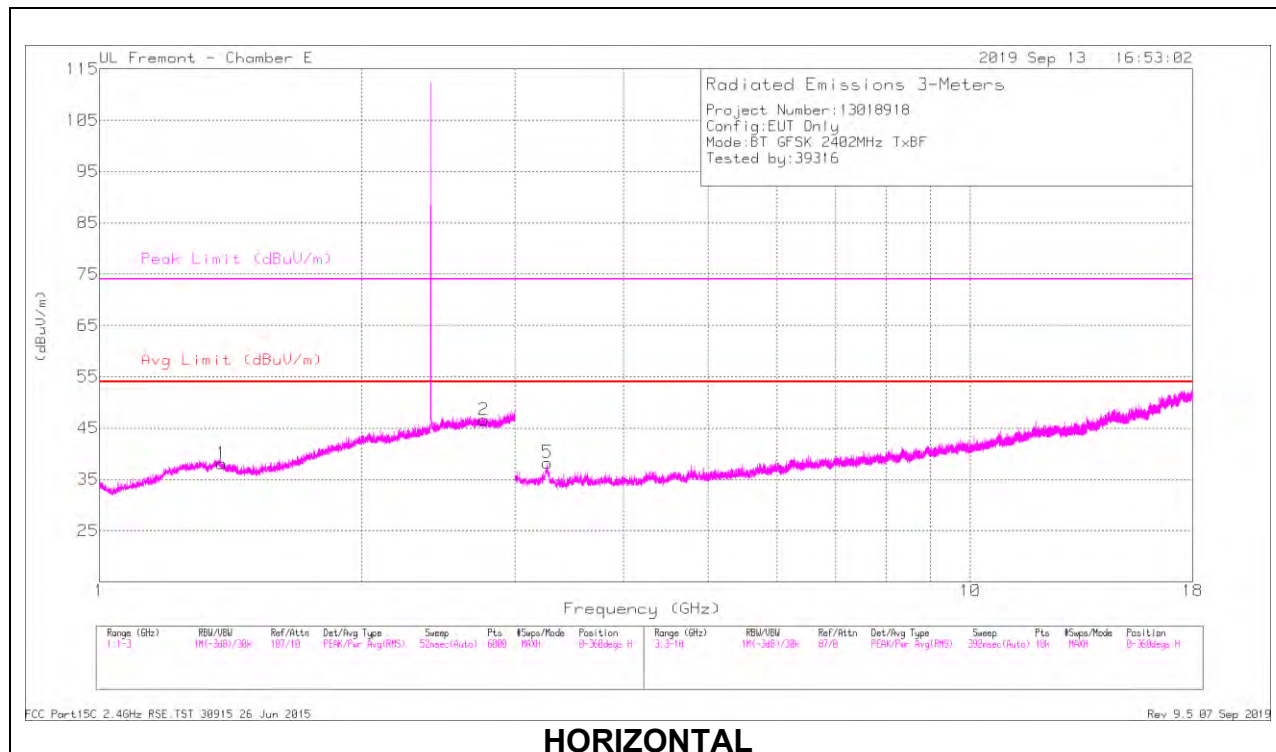
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

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

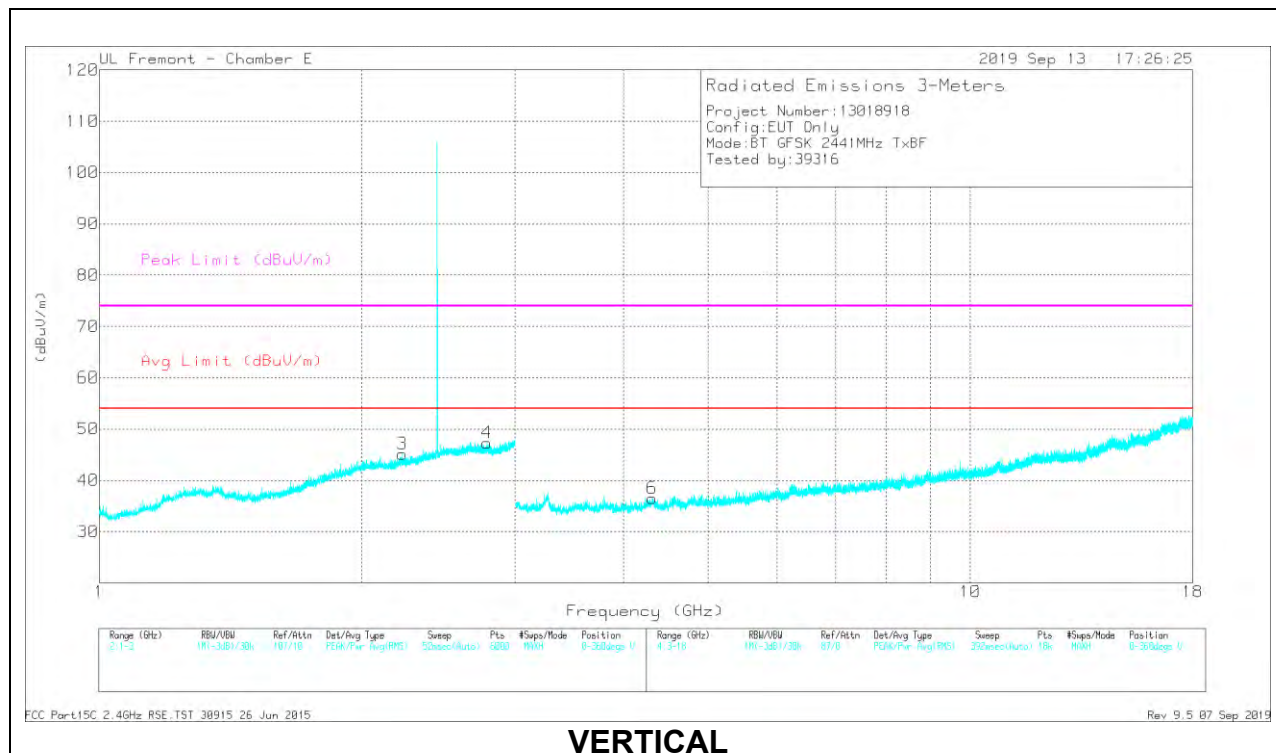
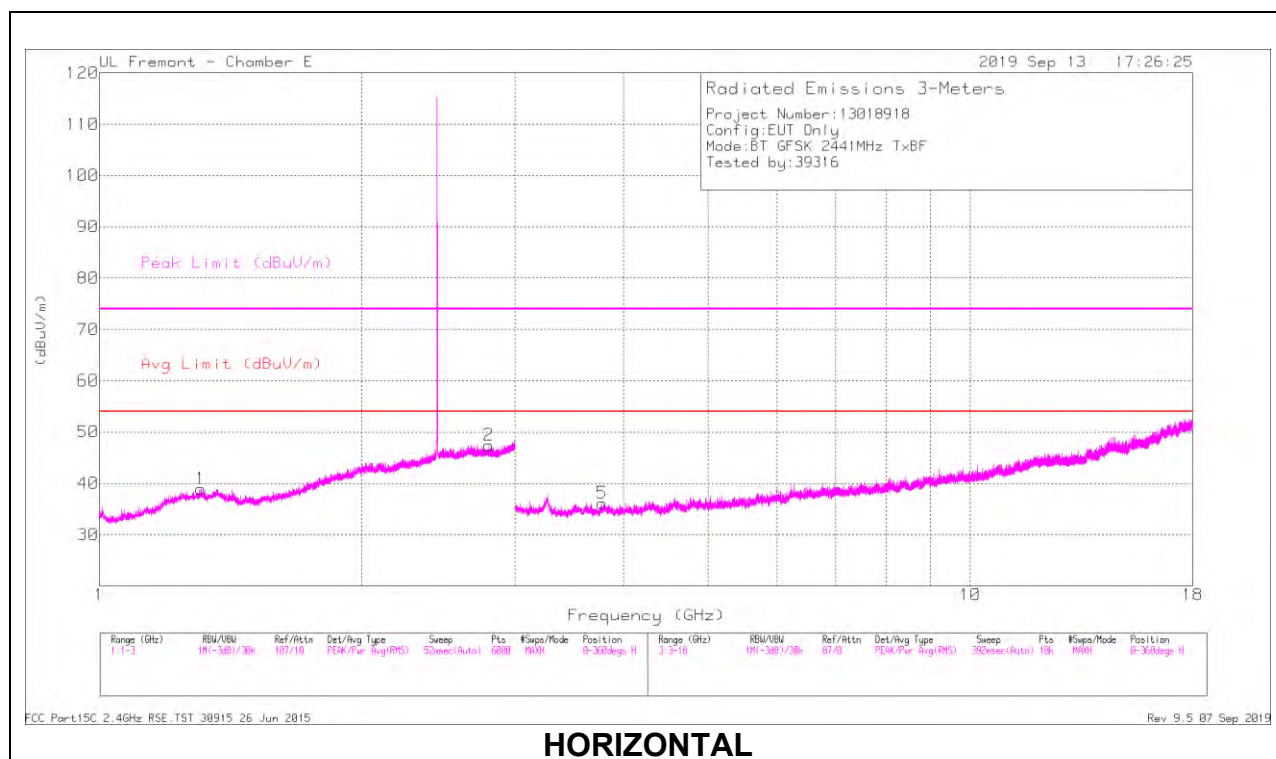
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T119 (dB/m)	Amp/Cbl/Filtr/Pad (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 1.38244	34.78	PKFH	29.5	-20.3	43.98	-	-	74	-30.02	0	200	H
	* 1.37916	22.25	VA1T	29.5	-20.3	31.45	54	-22.55	-	-	0	200	H
2	* 2.76122	35.34	PKFH	32.9	-18	50.24	-	-	74	-23.76	0	101	H
	* 2.76216	23.83	VA1T	32.9	-18	38.73	54	-15.27	-	-	0	101	H
3	* 1.27088	33.57	PKFH	30.1	-20.8	42.87	-	-	74	-31.13	0	200	V
	* 1.26862	21.85	VA1T	30	-20.8	31.05	54	-22.95	-	-	0	200	V
4	* 2.79245	35.19	PKFH	33	-17.9	50.29	-	-	74	-23.71	0	100	V
	* 2.79226	23.81	VA1T	33	-17.9	38.91	54	-15.09	-	-	0	100	V
6	* 9.43737	34.56	PKFH	36.6	-24.1	47.06	-	-	74	-26.94	0	200	V
	* 9.43471	22.58	VA1T	36.5	-24.1	34.98	54	-19.02	-	-	0	200	V
5	3.269	42.06	PKFH	34.9	-34.1	42.86	-	-	-	-	0	100	H

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

PKFH FHSS/BT RB=100k for Frequencies<1GHz / RB=1MHz for Frequencies>1GHz, VB=3 x RB, Peak

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

MID CHANNEL RESULTS



RADIATED EMISSIONS

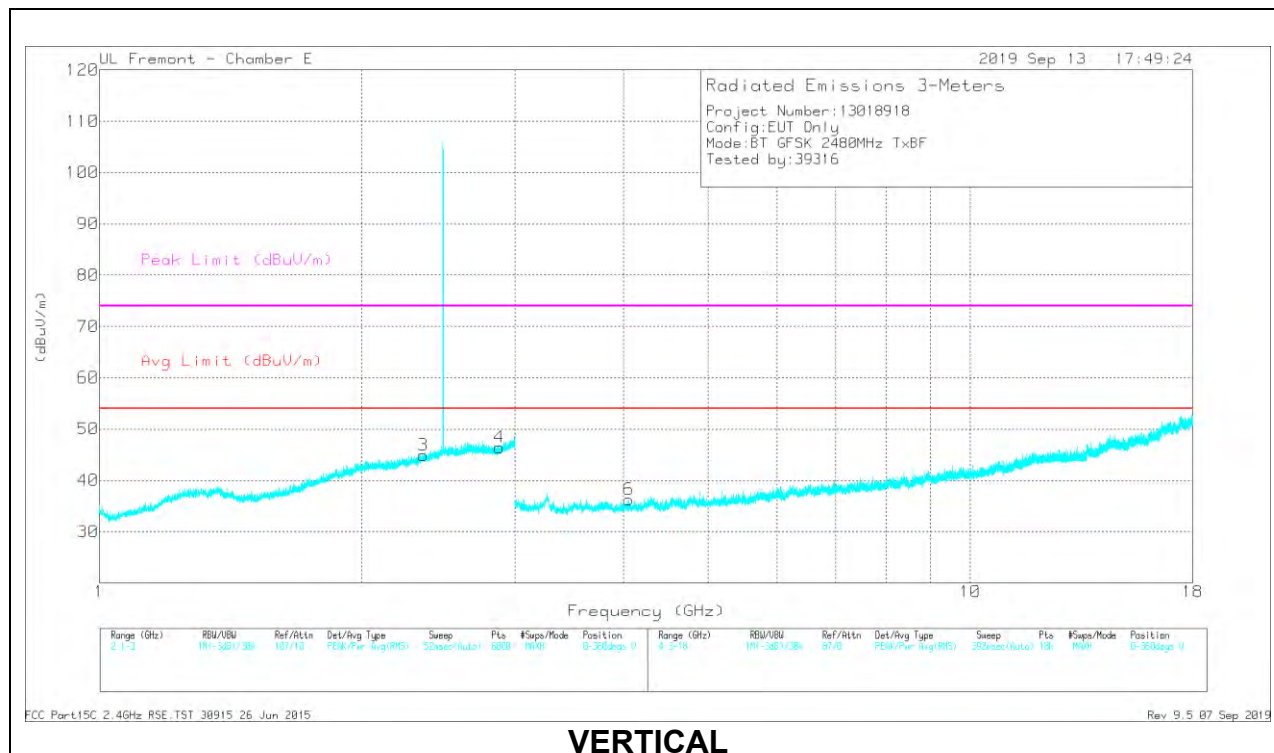
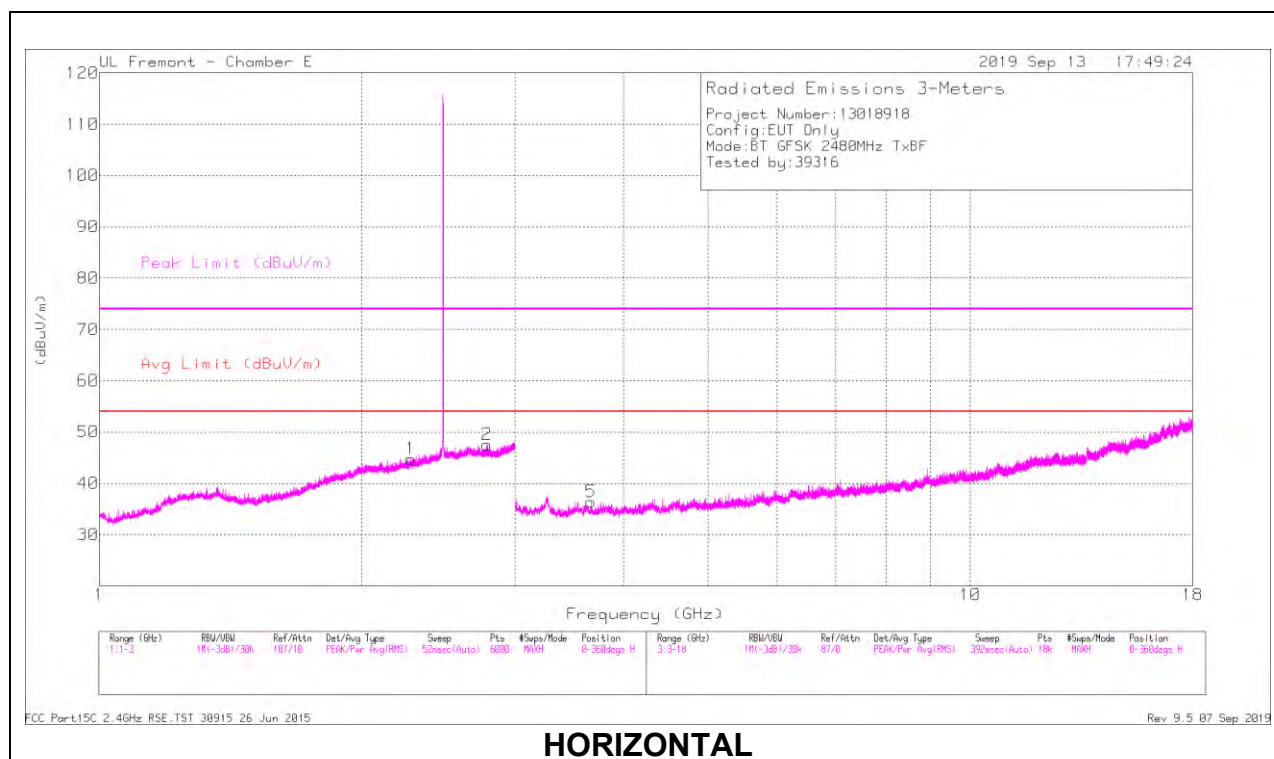
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T119 (dB/m)	Amp/Cbl/Filtr/Pad (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 1.30639	33.82	PKFH	29.8	-20.5	43.12	-	-	74	-30.88	0	200	H
	* 1.30842	22.33	VA1T	29.8	-20.5	31.63	54	-22.37	-	-	0	200	H
2	* 2.79777	35.32	PKFH	33	-17.9	50.42	-	-	74	-23.58	0	200	H
	* 2.80006	23.81	VA1T	33	-17.9	38.91	54	-15.09	-	-	0	200	H
3	* 2.2267	34.41	PKFH	32	-18.1	48.31	-	-	74	-25.69	0	200	V
	* 2.22873	22.96	VA1T	31.9	-18.1	36.76	54	-17.24	-	-	0	200	V
4	* 2.78982	36.47	PKFH	33	-17.9	51.57	-	-	74	-22.43	0	100	V
	* 2.786	23.83	VA1T	33	-17.9	38.93	54	-15.07	-	-	0	100	V
5	* 3.77541	40.78	PKFH	33.2	-33	40.98	-	-	74	-33.02	0	200	H
	* 3.7778	28.88	VA1T	33.2	-32.9	29.18	54	-24.82	-	-	0	200	H
6	* 4.31106	39.8	PKFH	33.6	-31.3	42.1	-	-	74	-31.9	0	100	V
	* 4.31105	27.81	VA1T	33.6	-31.3	30.11	54	-23.89	-	-	0	100	V

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

PKFH FHSS/BT RB=100k for Frequencies<1GHz / RB=1MHz for Frequencies>1GHz, 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 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	* 2.27708	35.19	PKFH	32	-18.1	49.09	-	-	74	-24.91	0	200	H
	* 2.27703	22.94	VA1T	32	-18.1	36.84	54	-17.16	-	-	0	200	H
2	* 2.7877	35.14	PKFH	33	-17.9	50.24	-	-	74	-23.76	0	100	H
	* 2.78724	23.81	VA1T	33	-17.9	38.91	54	-15.09	-	-	0	100	H
3	* 2.35304	34.86	PKFH	32	-18.1	48.76	-	-	74	-25.24	0	102	V
	* 2.35246	23.5	VA1T	32	-18	37.5	54	-16.5	-	-	0	102	V
4	* 2.87618	35.51	PKFH	33	-17.7	50.81	-	-	74	-23.19	0	200	V
	* 2.87662	23.4	VA1T	33	-17.7	38.7	54	-15.3	-	-	0	200	V
5	* 3.66794	40.55	PKFH	33.1	-33.3	40.35	-	-	74	-33.65	0	100	H
	* 3.6692	28.94	VA1T	33.1	-33.3	28.74	54	-25.26	-	-	0	100	H
6	* 4.05457	39.11	PKFH	33.4	-32.1	40.41	-	-	74	-33.59	0	200	V
	* 4.05688	27.63	VA1T	33.5	-32.1	29.03	54	-24.97	-	-	0	200	V

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

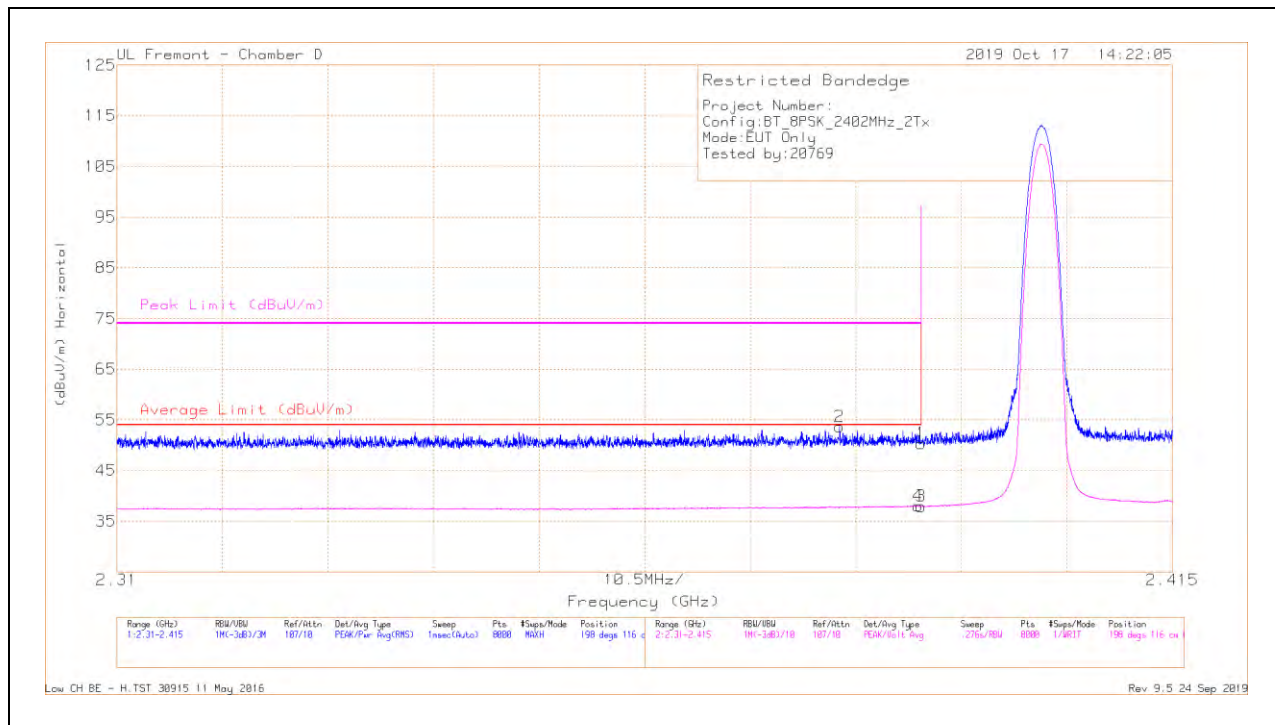
PKFH FHSS/BT RB=100k for Frequencies<1GHz / RB=1MHz for Frequencies>1GHz, VB=3 x RB, Peak

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

9.2.2. HIGH POWER ENHANCED DATA RATE 8PSK MODULATION

BANDEDGE (LOW CHANNEL)

HORIZONTAL RESULT



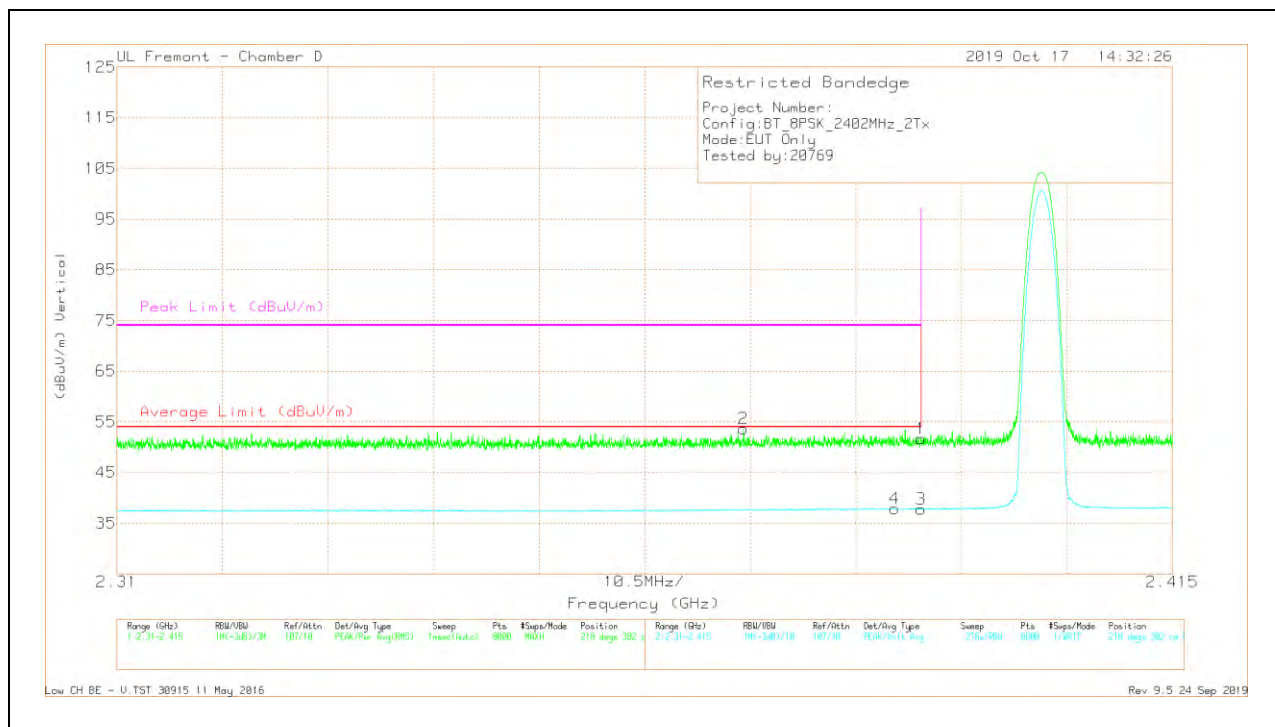
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T712 (dB/m)	Amp/Cbl/Filtr/Pad (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.39	38.85	Pk	32	-20.5	50.35	-	-	74	-23.65	198	116	H
2	* 2.3819	42.23	Pk	32	-20.6	53.63	-	-	74	-20.37	198	116	H
3	* 2.39	26.44	VA1T	32	-20.5	37.94	54	-16.06	-	-	198	116	H
4	* 2.38968	26.51	VA1T	32	-20.5	38.01	54	-15.99	-	-	198	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 T712 (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	40.11	Pk	32	-20.5	51.61	-	-	74	-22.39	218	382	V
2	* 2.37234	42.33	Pk	31.9	-20.6	53.63	-	-	74	-20.37	218	382	V
3	* 2.39	26.27	VA1T	32	-20.5	37.77	54	-16.23	-	-	218	382	V
4	* 2.38738	26.48	VA1T	32	-20.6	37.88	54	-16.12	-	-	218	382	V

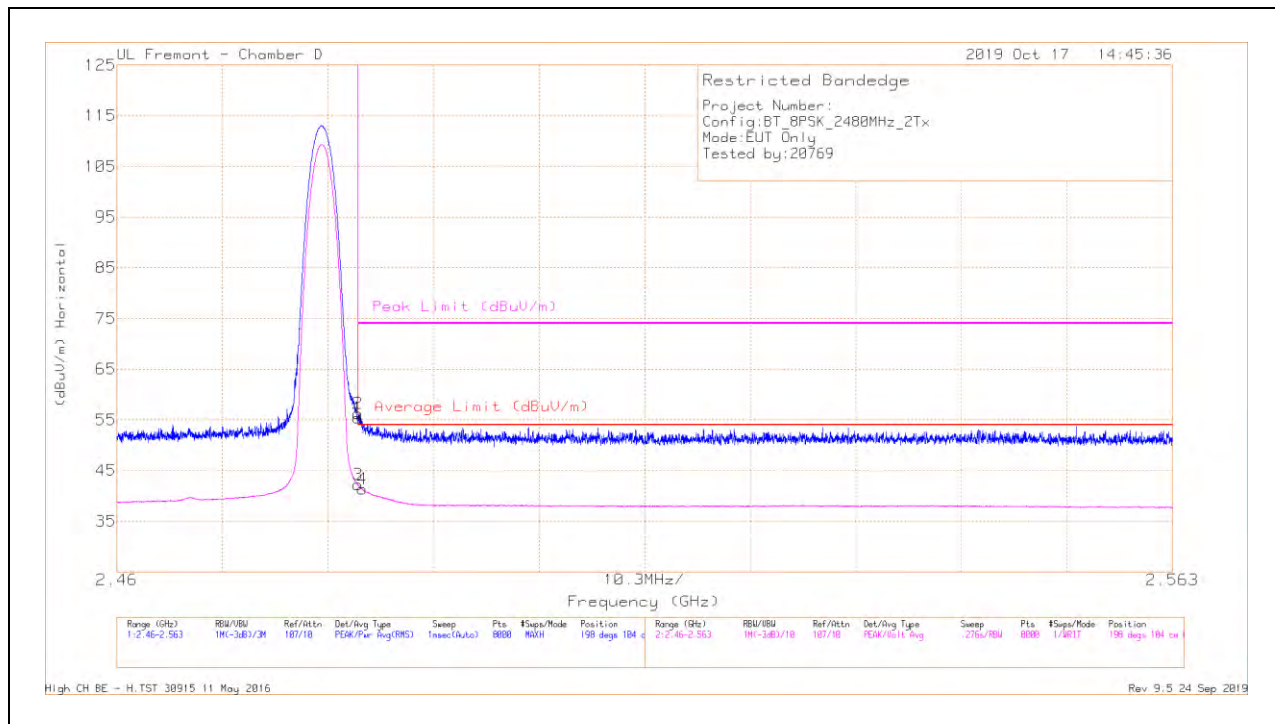
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

Pk - Peak detector

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

BANDEDGE (HIGH CHANNEL)

HORIZONTAL RESULT



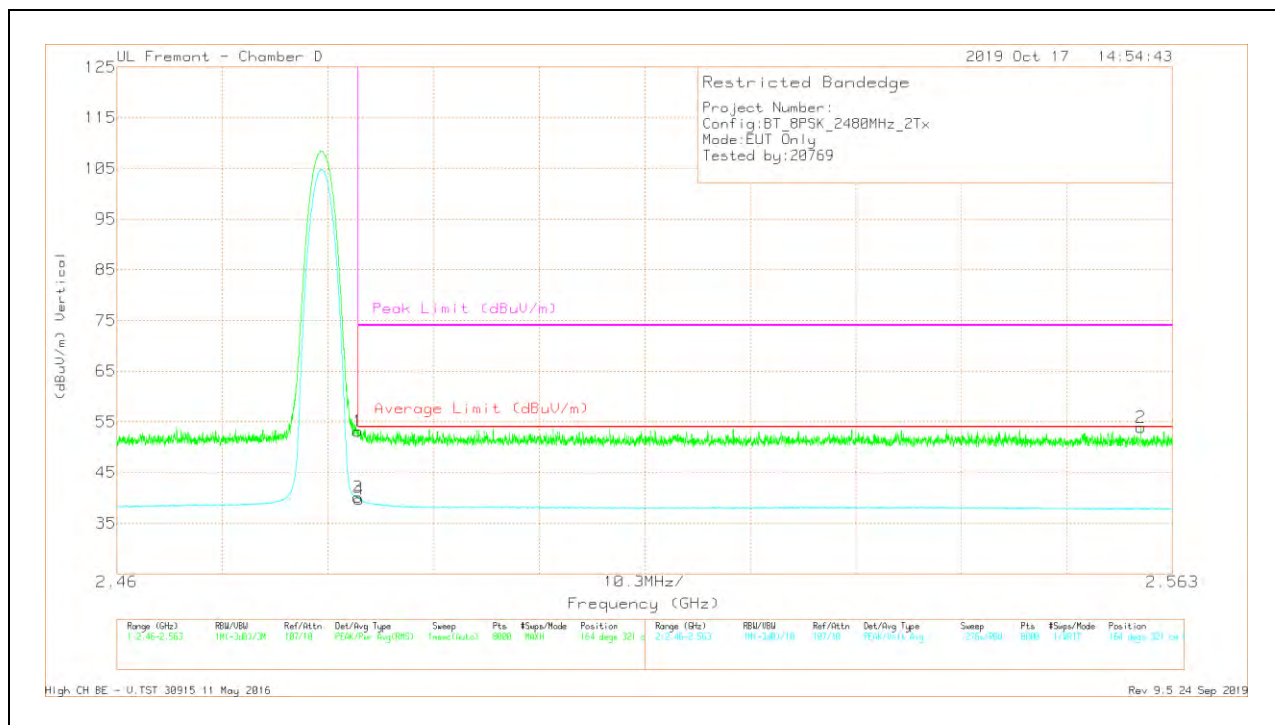
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T712 (dB/m)	Amp/Cbl/Filtr/Pad (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.4835	43.46	Pk	32.4	-20.5	55.36	-	-	74	-18.64	198	104	H
2	* 2.48354	44.4	Pk	32.4	-20.5	56.3	-	-	74	-17.7	198	104	H
3	* 2.4835	30.32	VA1T	32.4	-20.5	42.22	54	-11.78	-	-	198	104	H
4	* 2.48393	29.53	VA1T	32.3	-20.5	41.33	54	-12.67	-	-	198	104	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/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	* 2.4835	41.24	Pk	32.4	-20.5	53.14	-	-	74	-20.86	164	321	V
3	* 2.4835	28.19	VA1T	32.4	-20.5	40.09	54	-13.91	-	-	164	321	V
4	* 2.48367	27.84	VA1T	32.4	-20.5	39.74	54	-14.26	-	-	164	321	V
2	2.55993	42.17	Pk	32.1	-20.4	53.87	-	-	74	-20.13	164	321	V

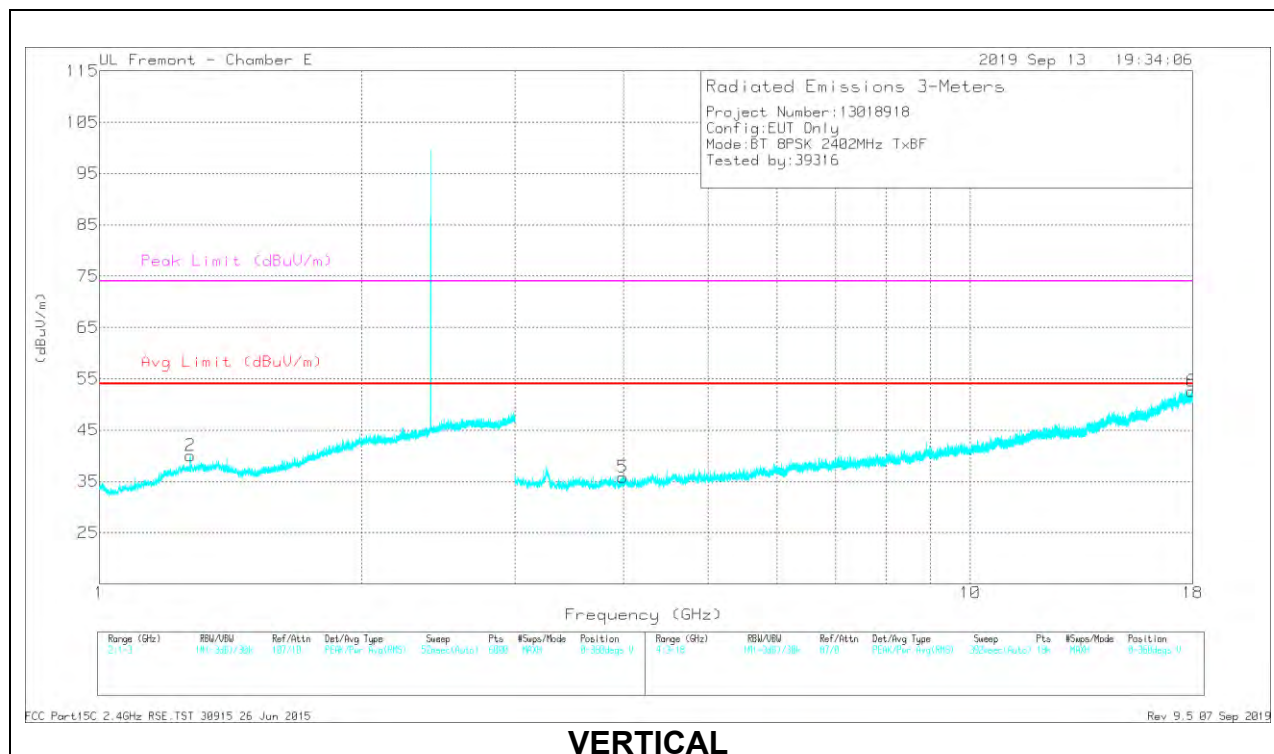
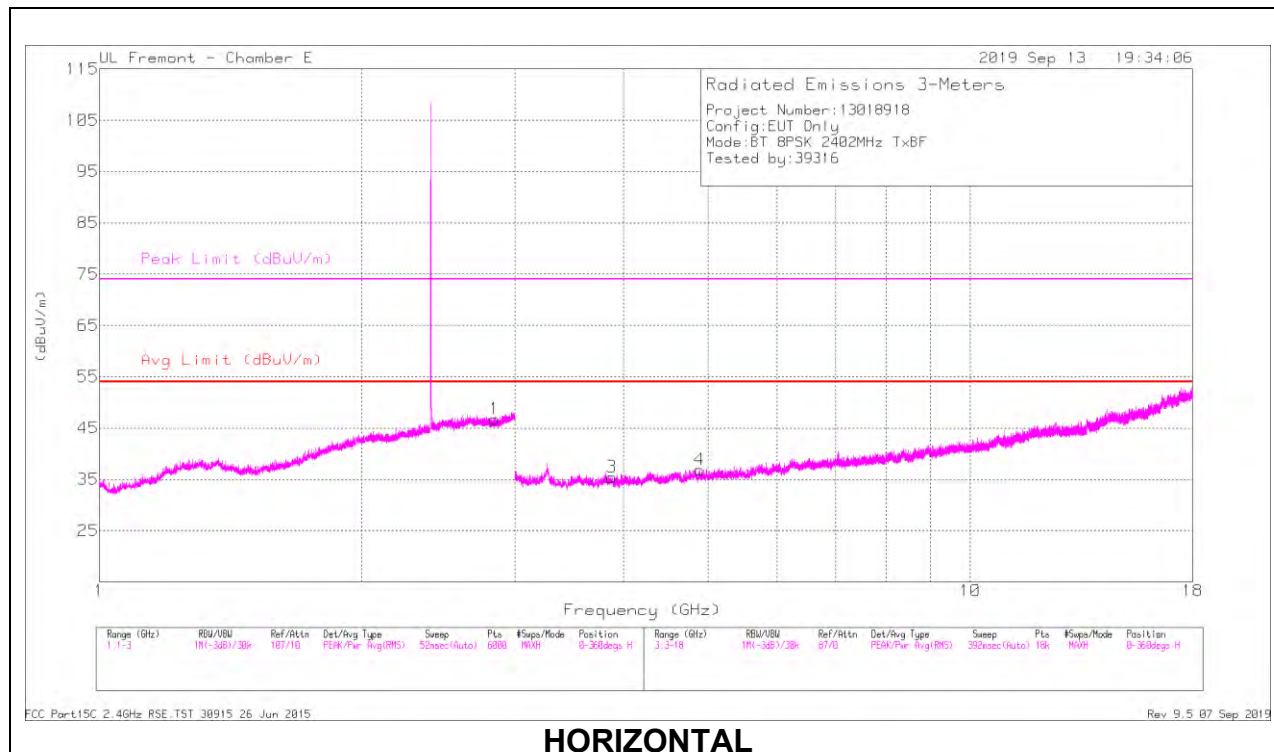
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

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

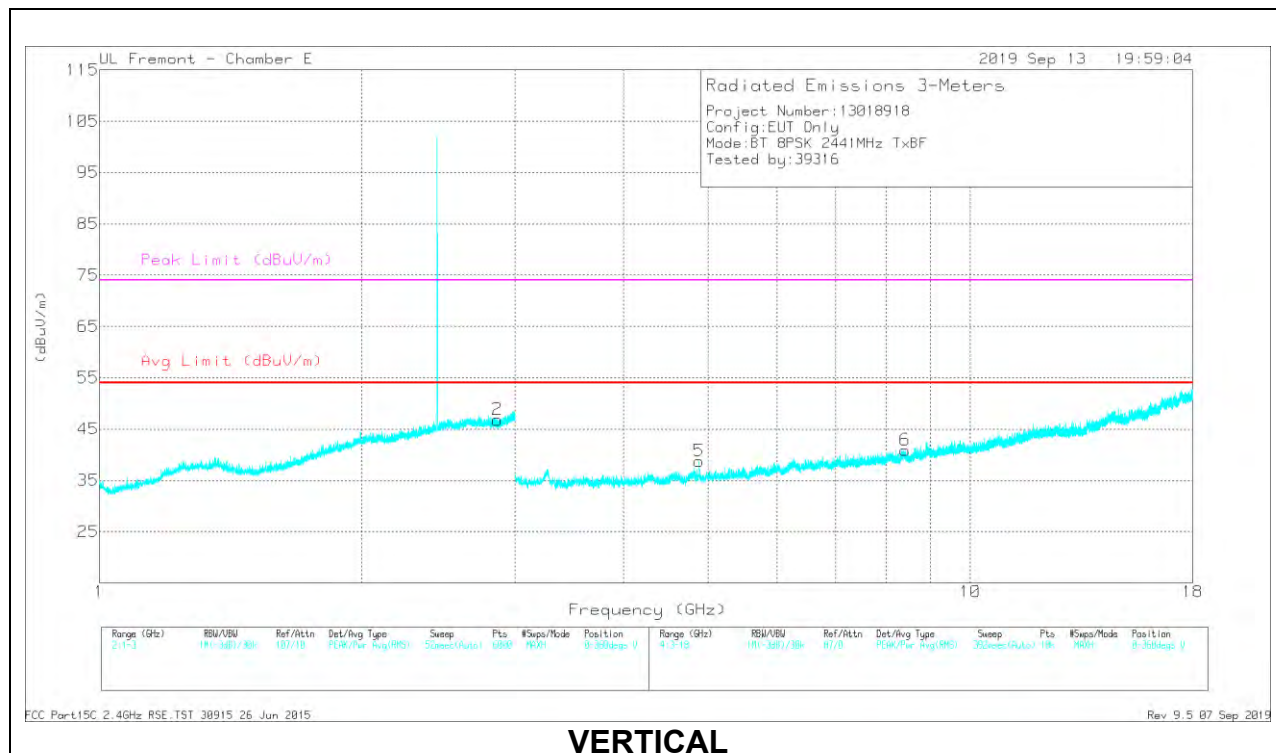
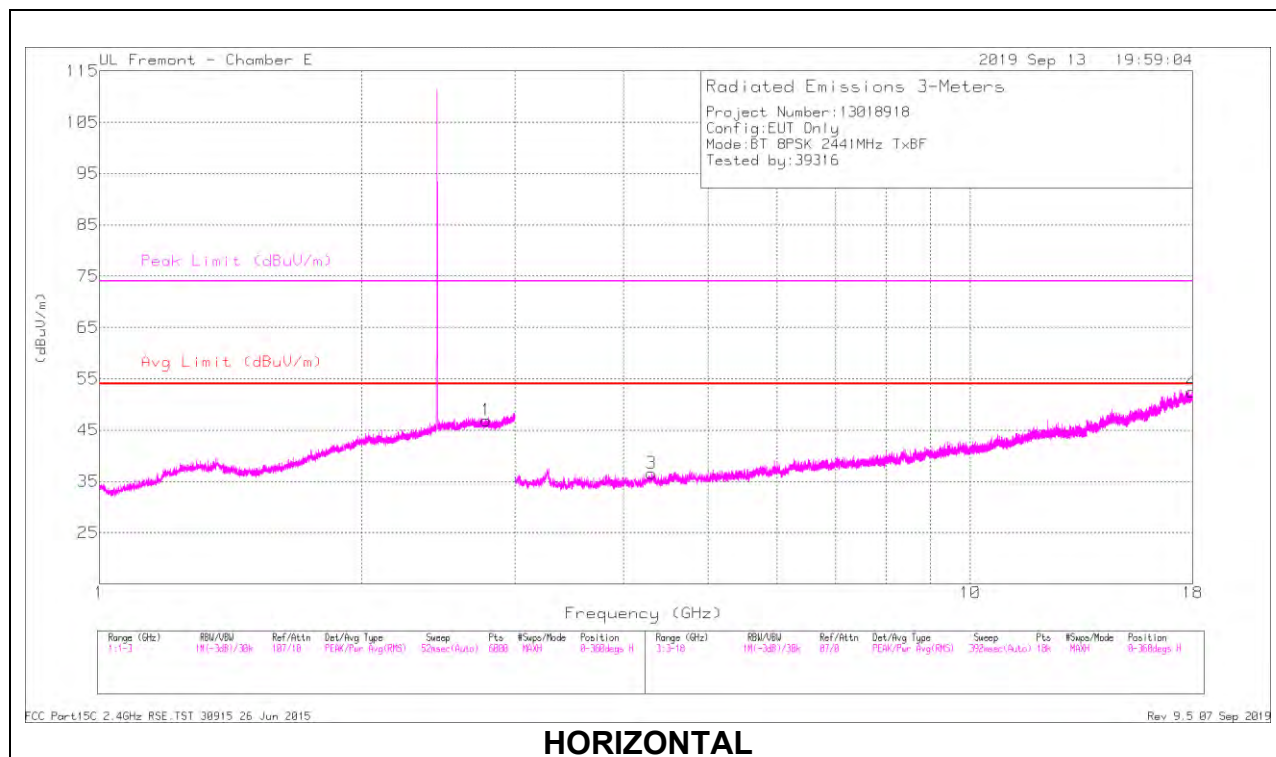
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T119 (dB/m)	Amp/Cbl/Filtr/Pad (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.84714	35.7	PKFH	32.8	-17.8	50.7	-	-	74	-23.3	0	100	H
	* 2.84438	23.78	VA1T	32.9	-17.8	38.88	54	-15.12	-	-	0	100	H
2	* 1.27257	33.57	PKFH	30.1	-20.8	42.87	-	-	74	-31.13	0	101	V
	* 1.27032	22.04	VA1T	30.1	-20.8	31.34	54	-22.66	-	-	0	101	V
3	* 3.87417	39.99	PKFH	33.4	-32.1	41.29	-	-	74	-32.71	0	200	H
	* 3.87409	27.88	VA1T	33.4	-32.1	29.18	54	-24.82	-	-	0	200	H
4	* 4.88763	38.65	PKFH	33.9	-31	41.55	-	-	74	-32.45	0	200	H
	* 4.88767	27.13	VA1T	33.9	-31	30.03	54	-23.97	-	-	0	200	H
5	* 3.99027	39.74	PKFH	33.4	-32.5	40.64	-	-	74	-33.36	0	200	V
	* 3.99204	28.08	VA1T	33.5	-32.5	29.08	54	-24.92	-	-	0	200	V
6	* 17.95865	32.68	PKFH	41.9	-16.7	57.88	-	-	74	-16.12	0	200	V
	* 17.95902	20.91	VA1T	42	-16.7	46.21	54	-7.79	-	-	0	200	V

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

PKFH FHSS/BT RB=100k for Frequencies<1GHz / RB=1MHz for Frequencies>1GHz, VB=3 x RB, Peak

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

MID CHANNEL RESULTS



RADIATED EMISSIONS

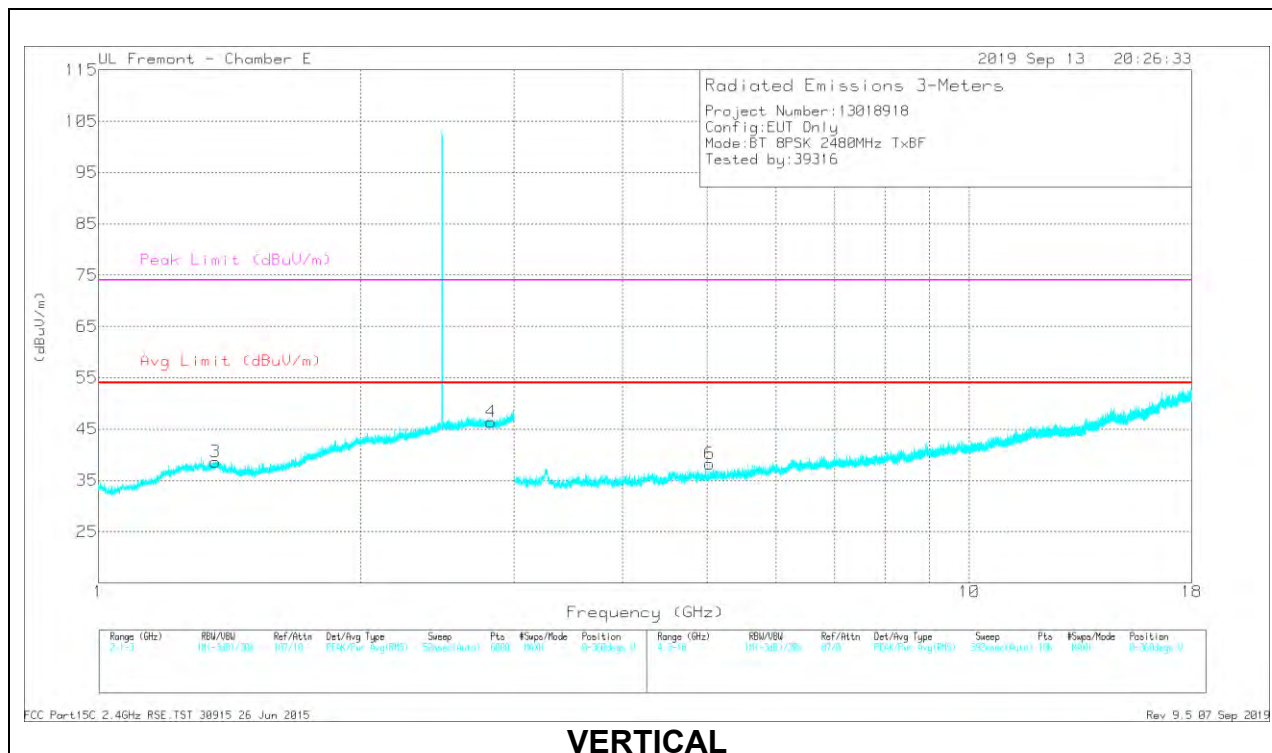
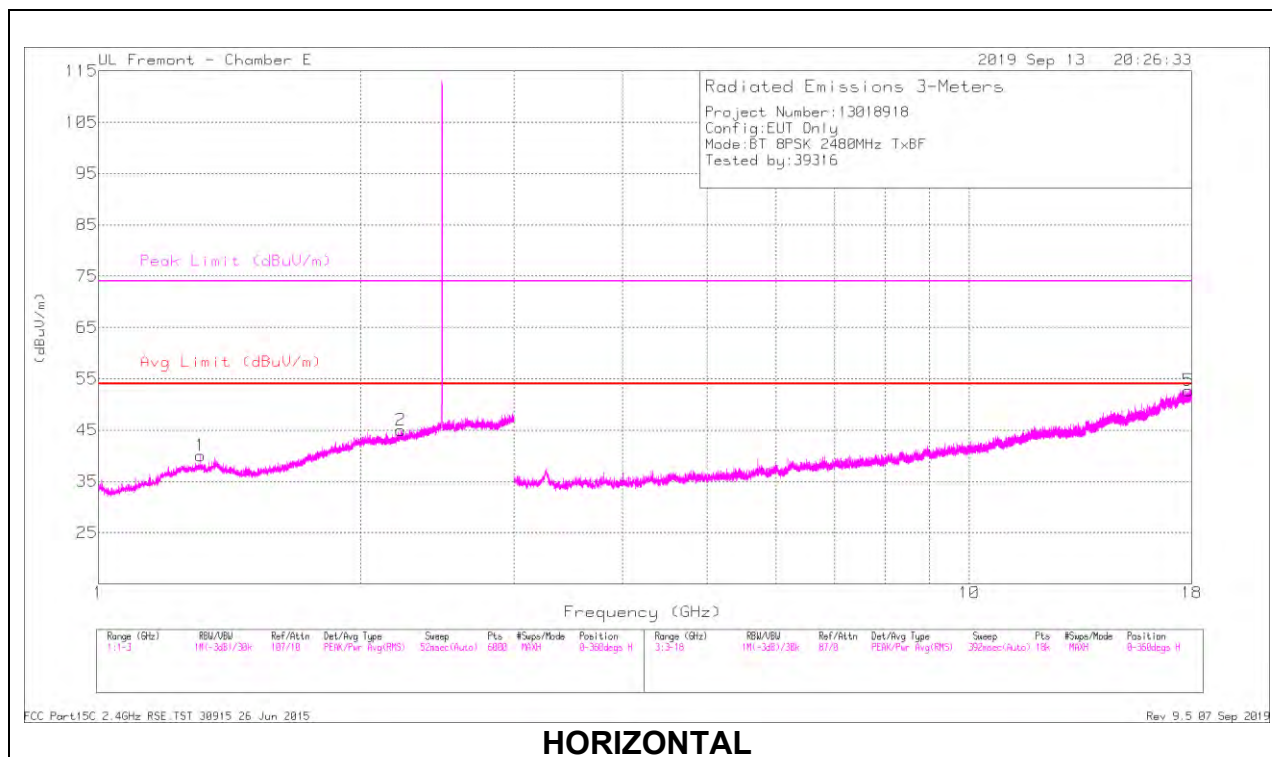
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T119 (dB/m)	Amp/Cbl/Filtr/Pad (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.78268	35.51	PKFH	33	-17.9	50.61	-	-	74	-23.39	0	100	H
	* 2.77988	23.95	VA1T	32.9	-17.9	38.95	54	-15.05	-	-	0	100	H
2	* 2.86239	34.95	PKFH	32.9	-17.7	50.15	-	-	74	-23.85	0	200	V
	* 2.86033	23.63	VA1T	32.9	-17.7	38.83	54	-15.17	-	-	0	200	V
3	* 4.30613	40.38	PKFH	33.6	-31.3	42.68	-	-	74	-31.32	0	100	H
	* 4.30586	28.01	VA1T	33.6	-31.3	30.31	54	-23.69	-	-	0	100	H
4	* 17.95576	32.52	PKFH	41.9	-16.7	57.72	-	-	74	-16.28	0	200	H
	* 17.95562	20.97	VA1T	41.9	-16.7	46.17	54	-7.83	-	-	0	200	H
5	* 4.88299	39.04	PKFH	34	-31	42.04	-	-	74	-31.96	0	100	V
	* 4.88454	27.61	VA1T	33.9	-31	30.51	54	-23.49	-	-	0	100	V
6	* 8.41608	35.44	PKFH	35.8	-25.8	45.44	-	-	74	-28.56	0	100	V
	* 8.41356	23.69	VA1T	35.8	-25.7	33.79	54	-20.21	-	-	0	100	V

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

PKFH FHSS/BT RB=100k for Frequencies<1GHz / RB=1MHz for Frequencies>1GHz, 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 T119 (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	* 1.31102	34.2	PKFH	29.7	-20.5	43.4	-	-	74	-30.6	0	200	H
	* 1.31023	22.5	VA1T	29.7	-20.5	31.7	54	-22.3	-	-	0	200	H
2	* 2.22485	35.04	PKFH	32	-18.1	48.94	-	-	74	-25.06	0	100	H
	* 2.22198	23.1	VA1T	31.9	-18.2	36.8	54	-17.2	-	-	0	100	H
3	* 1.36158	34.5	PKFH	29.7	-20.3	43.9	-	-	74	-30.1	0	103	V
	* 1.36308	22.49	VA1T	29.7	-20.3	31.89	54	-22.11	-	-	0	103	V
4	* 2.82783	36.23	PKFH	32.8	-17.9	51.13	-	-	74	-22.87	0	200	V
	* 2.82647	23.84	VA1T	32.8	-17.9	38.74	54	-15.26	-	-	0	200	V
5	* 17.85401	33.01	PKFH	41.9	-17.4	57.51	-	-	74	-16.49	0	100	H
	* 17.85463	21.16	VA1T	41.9	-17.4	45.66	54	-8.34	-	-	0	100	H
6	* 5.03367	38.97	PKFH	34.1	-31.4	41.67	-	-	74	-32.33	0	200	V
	* 5.03233	27.14	VA1T	34.1	-31.4	29.84	54	-24.16	-	-	0	200	V

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

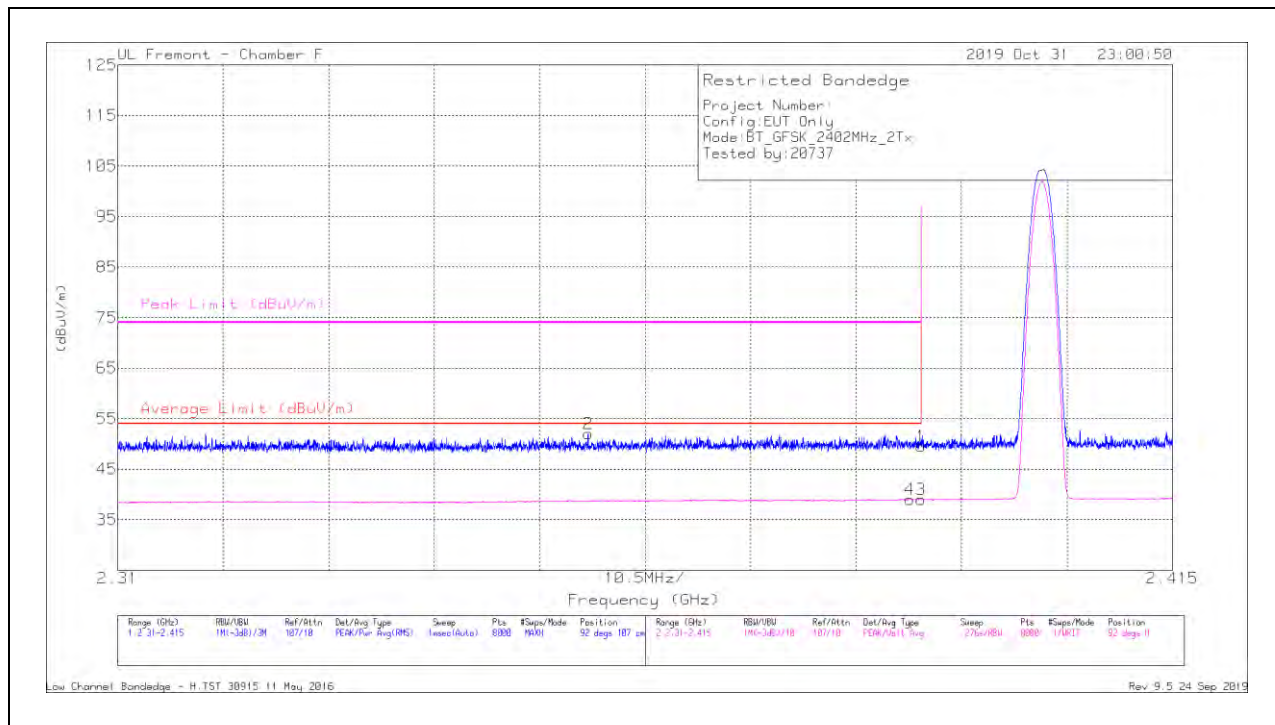
PKFH FHSS/BT RB=100k for Frequencies<1GHz / RB=1MHz for Frequencies>1GHz, VB=3 x RB, Peak

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

9.2.3. LOW POWER BASIC DATA RATE GFSK MODULATION

BANDEDGE (LOW CHANNEL)

HORIZONTAL RESULT



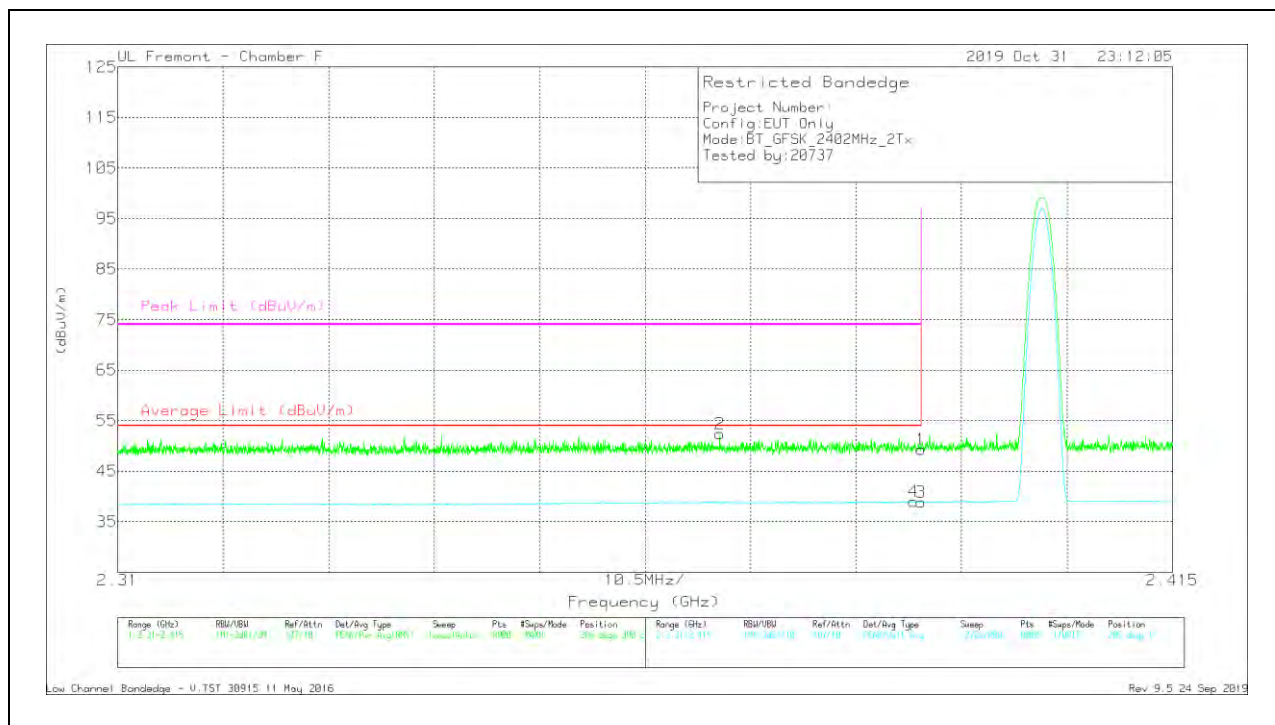
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T345 (dB/m)	Amp/Cbl/Filtr/Pad (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.39	53.99	Pk	32	-36.4	49.59	-	-	74	-24.41	92	107	H
2	* 2.35682	56.84	Pk	31.7	-36.5	52.04	-	-	74	-21.96	92	107	H
3	* 2.39	43.34	VA1T	32	-36.4	38.94	54	-15.06	-	-	92	107	H
4	* 2.38888	43.42	VA1T	32	-36.4	39.02	54	-14.98	-	-	92	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)	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	53.74	Pk	32	-36.4	49.34	-	-	74	-24.66	286	390	V
2	* 2.36994	56.97	Pk	31.9	-36.5	52.37	-	-	74	-21.63	286	390	V
3	* 2.39	43.31	VA1T	32	-36.4	38.91	54	-15.09	-	-	286	390	V
4	* 2.38922	43.37	VA1T	32	-36.4	38.97	54	-15.03	-	-	286	390	V

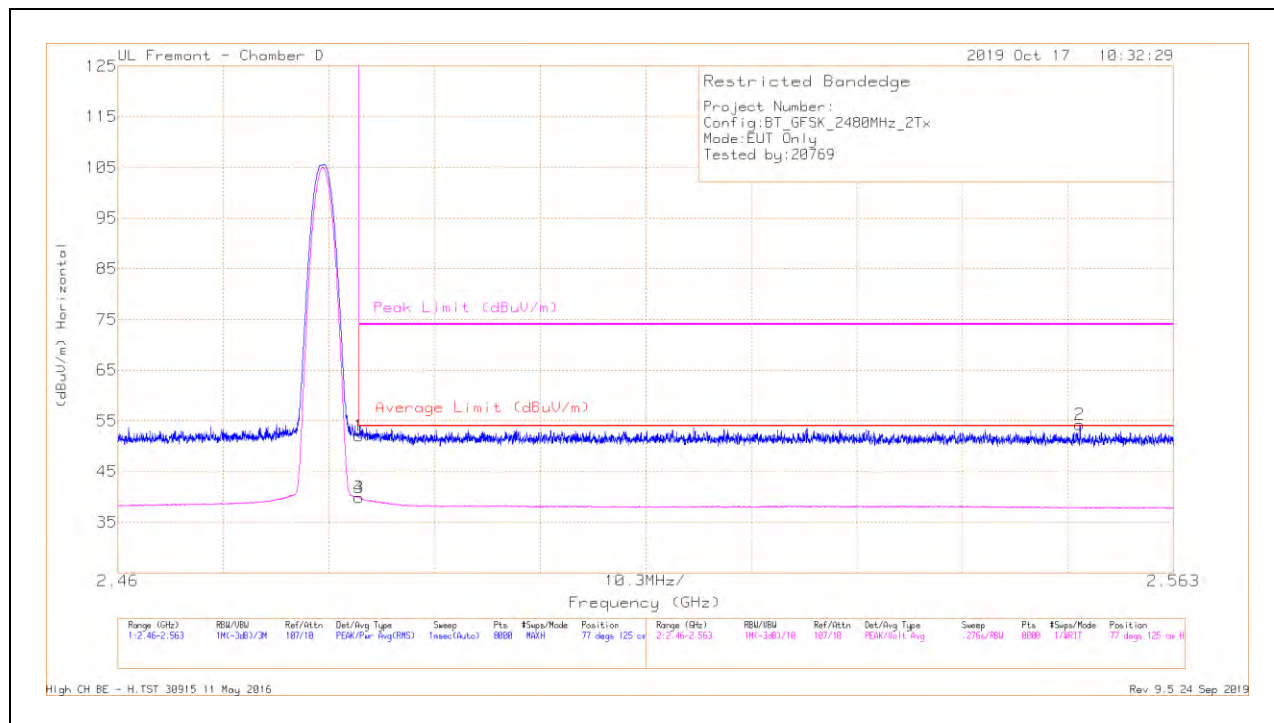
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

Pk - Peak detector

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

BANDEDGE (HIGH CHANNEL)

HORIZONTAL RESULT



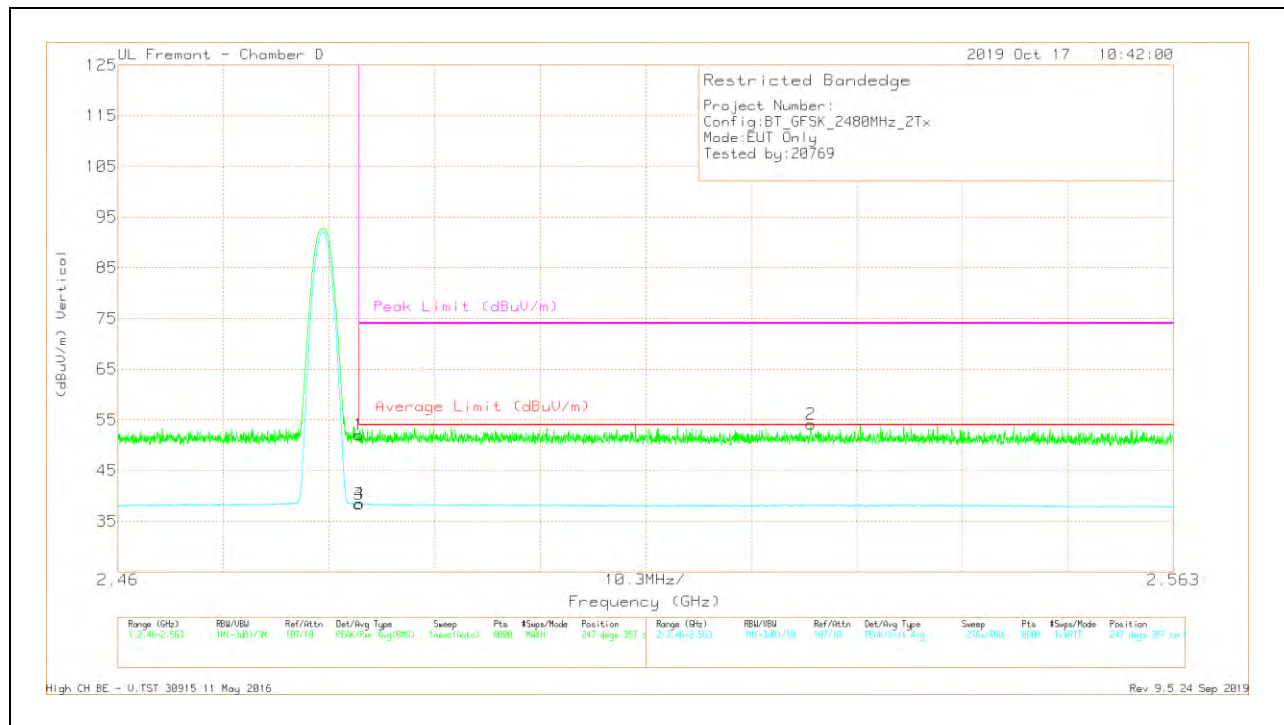
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T712 (dB/m)	Amp/Cbl/Filtr/Pad (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.4835	40.18	Pk	32.4	-20.5	52.08	-	-	74	-21.92	77	125	H
3	* 2.4835	27.98	VA1T	32.4	-20.5	39.88	54	-14.12	-	-	77	125	H
4	* 2.48353	27.99	VA1T	32.4	-20.5	39.89	54	-14.11	-	-	77	125	H
2	2.55389	42.63	Pk	32	-20.4	54.23	-	-	74	-19.77	77	125	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/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	* 2.4835	40.09	Pk	32.4	-20.5	51.99	-	-	74	-22.01	247	357	V
3	* 2.4835	26.51	VA1T	32.4	-20.5	38.41	54	-15.59	-	-	247	357	V
4	* 2.48358	26.54	VA1T	32.4	-20.5	38.44	54	-15.56	-	-	247	357	V
2	2.52763	42.27	Pk	32.3	-20.4	54.17	-	-	74	-19.83	247	357	V

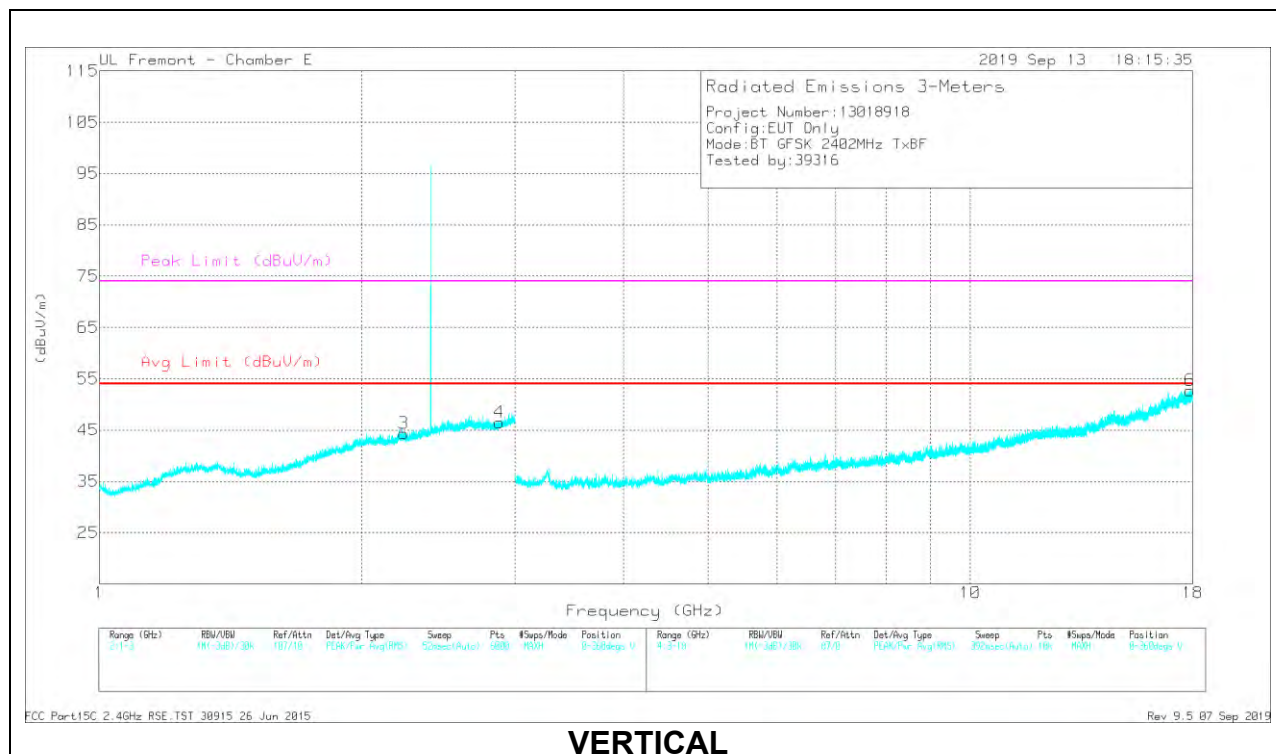
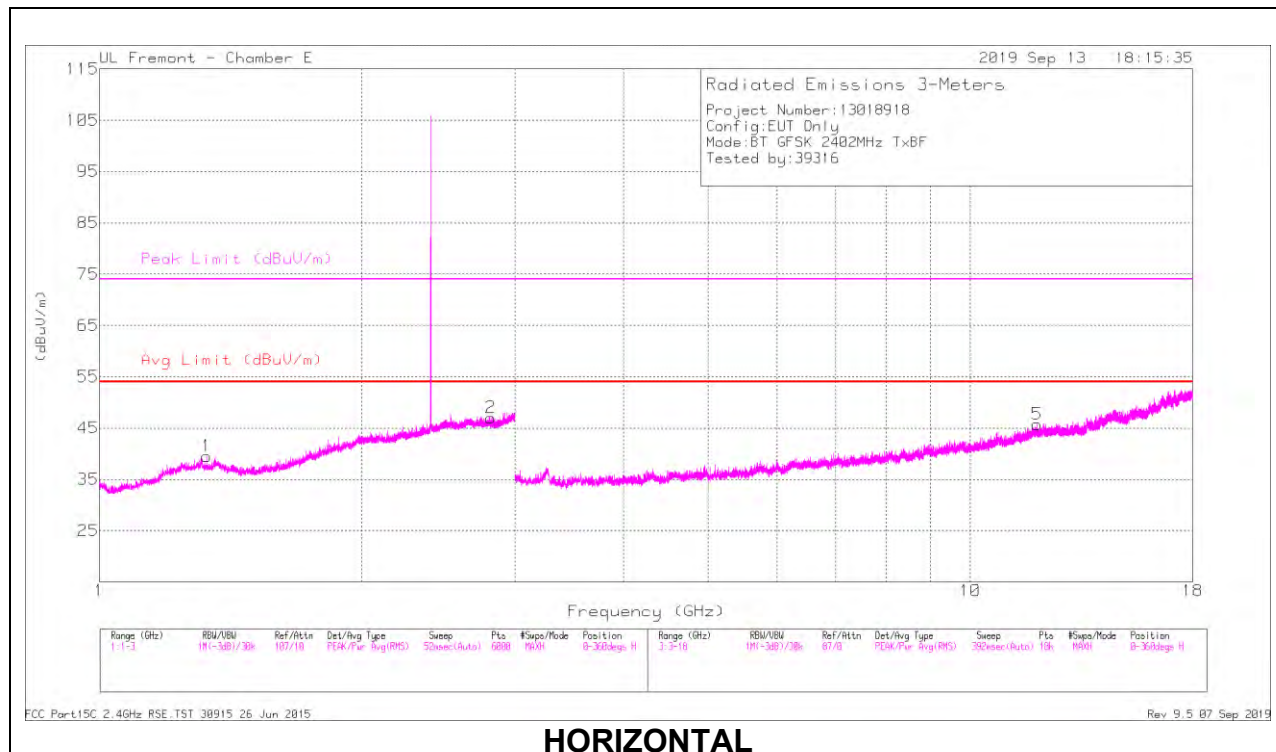
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

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

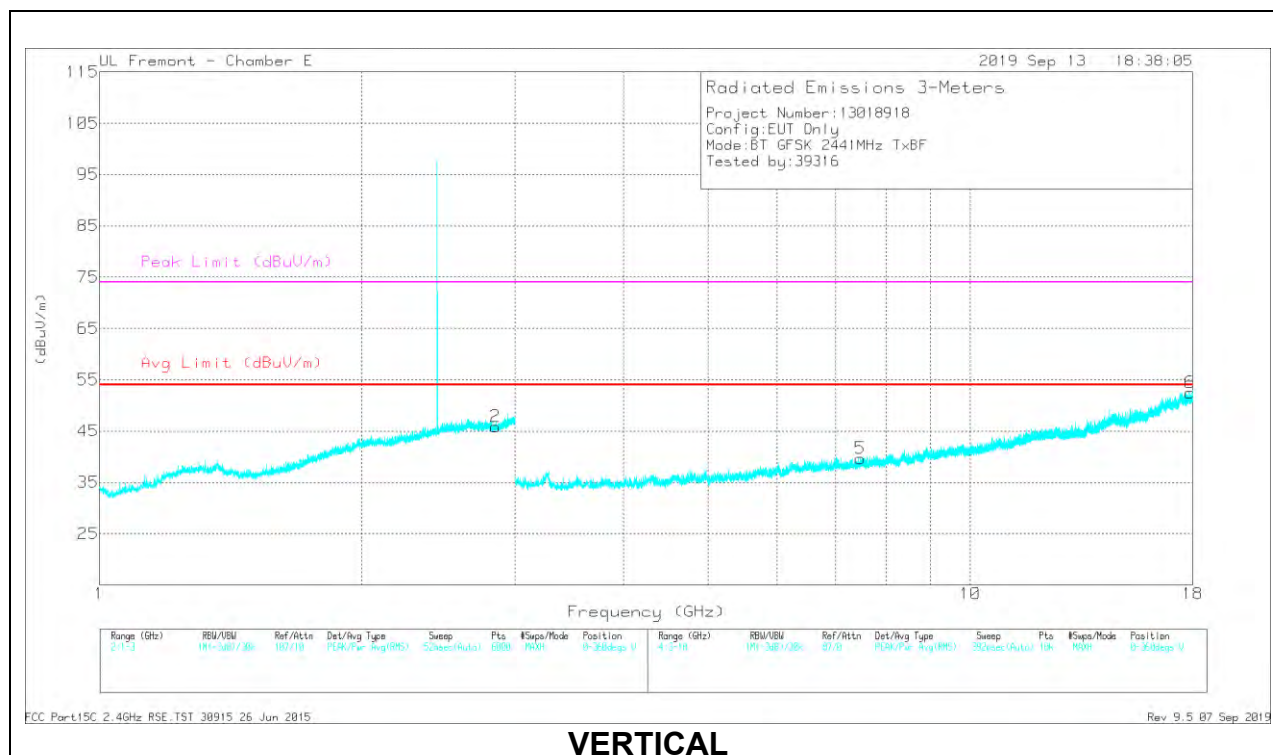
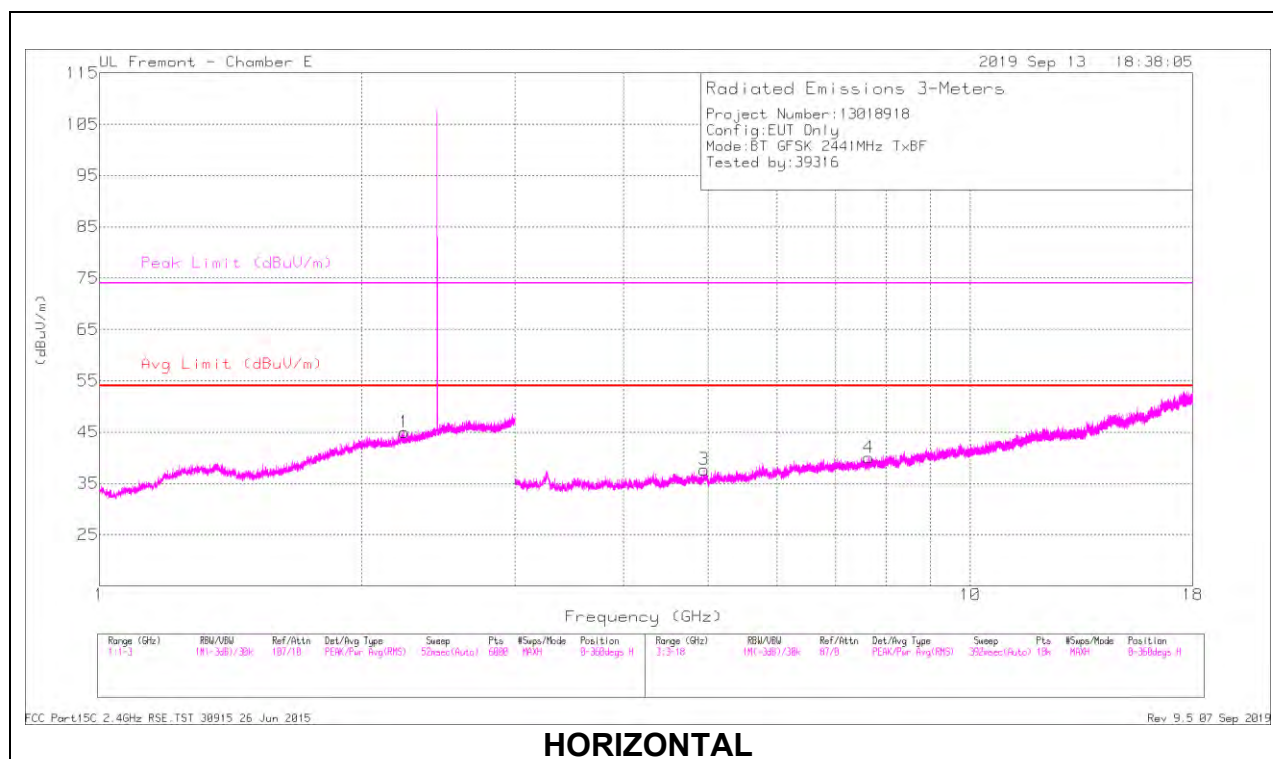
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T119 (dB/m)	Amp/Cbl/Filtr/Pad (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 1.32866	34.54	PKFH	29.5	-20.5	43.54	-	-	74	-30.46	0	200	H
	* 1.32712	22.05	VA1T	29.5	-20.5	31.05	54	-22.95	-	-	0	200	H
2	* 2.81637	35.45	PKFH	32.9	-17.9	50.45	-	-	74	-23.55	0	200	H
	* 2.81548	23.72	VA1T	32.9	-17.9	38.72	54	-15.28	-	-	0	200	H
3	* 2.23368	34.63	PKFH	31.9	-18.1	48.43	-	-	74	-25.57	0	200	V
	* 2.23474	22.94	VA1T	31.9	-18.1	36.74	54	-17.26	-	-	0	200	V
4	* 2.87886	34.97	PKFH	33	-17.7	50.27	-	-	74	-23.73	0	100	V
	* 2.87895	23.41	VA1T	33	-17.7	38.71	54	-15.29	-	-	0	100	V
5	* 11.92308	32.76	PKFH	38.9	-22.1	49.56	-	-	74	-24.44	0	100	H
	* 11.92118	21.51	VA1T	38.9	-22.1	38.31	54	-15.69	-	-	0	100	H
6	* 17.86218	33.38	PKFH	41.9	-17.3	57.98	-	-	74	-16.02	0	200	V
	* 17.86045	21.05	VA1T	41.9	-17.3	45.65	54	-8.35	-	-	0	200	V

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

PKFH FHSS/BT RB=100k for Frequencies<1GHz / RB=1MHz for Frequencies>1GHz, VB=3 x RB, Peak

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

MID CHANNEL RESULTS



RADIATED EMISSIONS

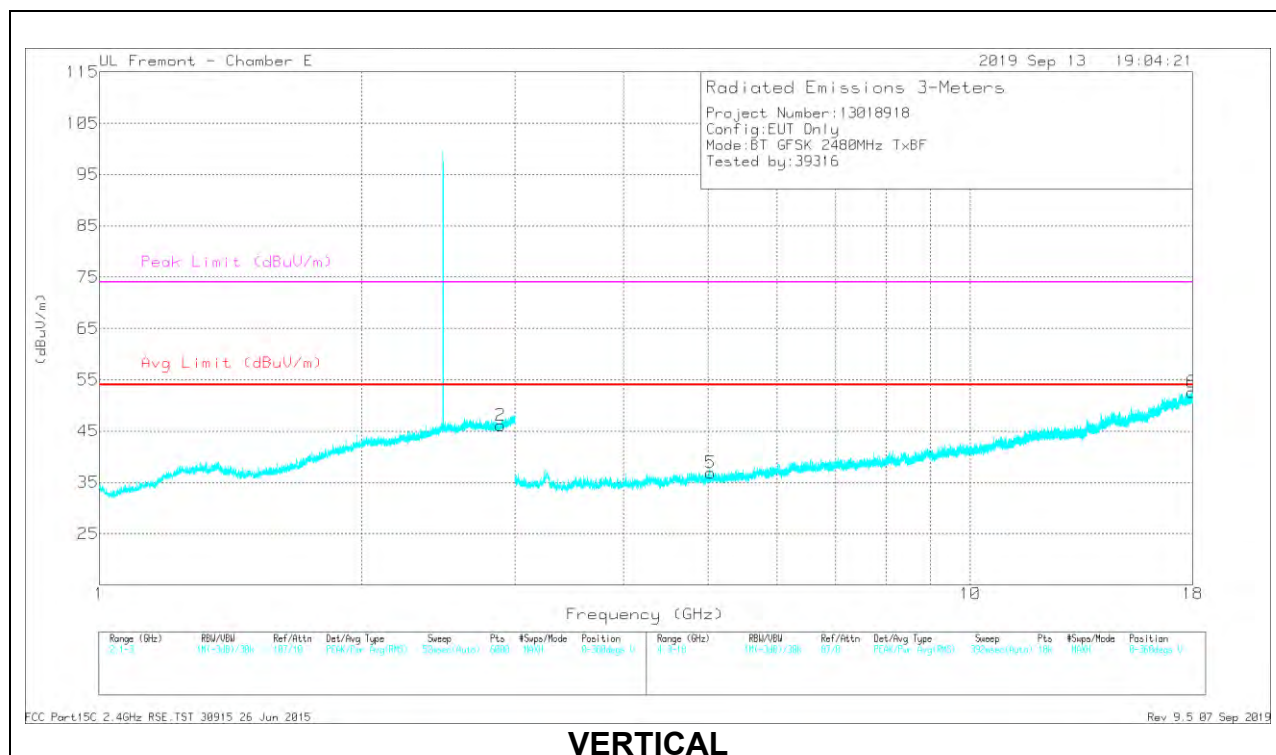
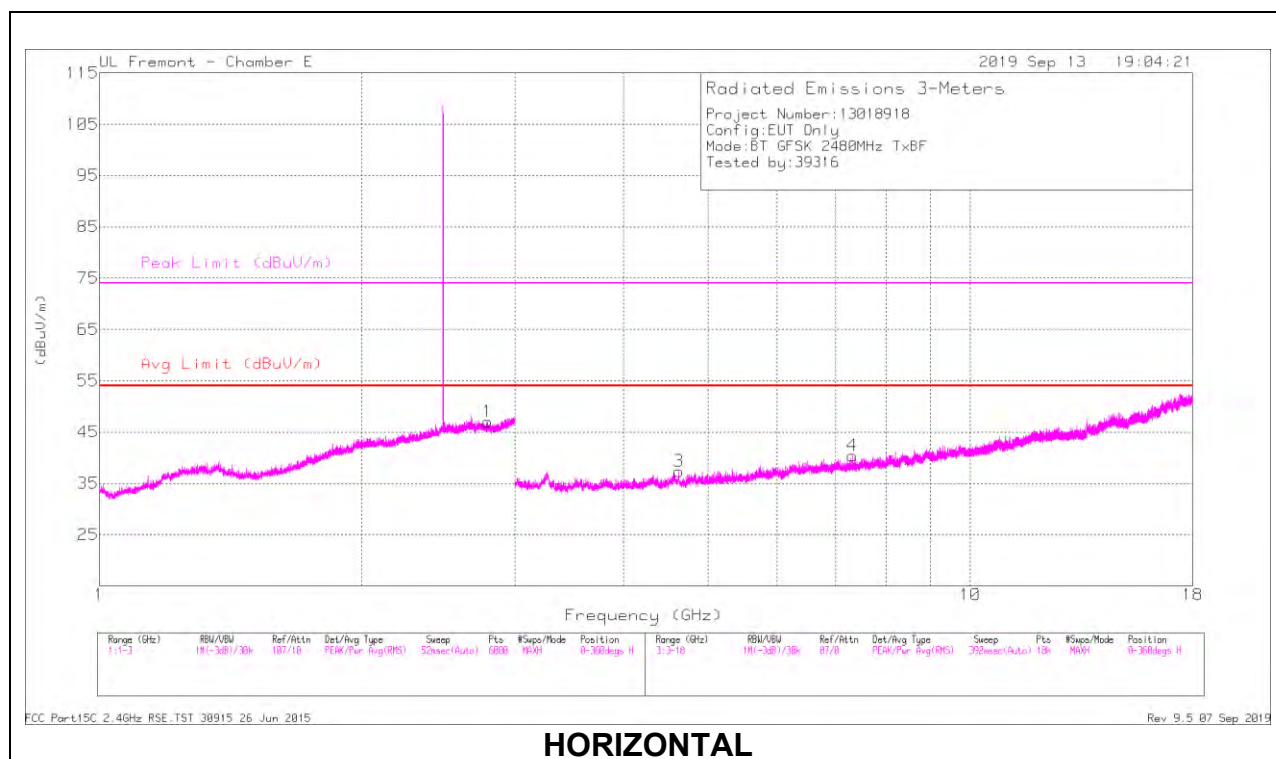
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T119 (dB/m)	Amp/Cbl/Filtr/Pad (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.24116	34.09	PKFH	31.9	-18.2	47.79	-	-	74	-26.21	0	200	H
	* 2.23987	22.95	VA1T	31.9	-18.2	36.65	54	-17.35	-	-	0	200	H
2	* 2.84916	35.79	PKFH	32.8	-17.8	50.79	-	-	74	-23.21	0	100	V
	* 2.84673	23.58	VA1T	32.8	-17.8	38.58	54	-15.42	-	-	0	100	V
3	* 4.94363	38.82	PKFH	34	-30.8	42.02	-	-	74	-31.98	0	100	H
	* 4.94544	26.83	VA1T	34	-30.8	30.03	54	-23.97	-	-	0	100	H
4	* 7.64307	37.03	PKFH	35.7	-27.3	45.43	-	-	74	-28.57	0	200	H
	* 7.63958	24.2	VA1T	35.8	-27.3	32.7	54	-21.3	-	-	0	200	H
5	* 7.47351	36.44	PKFH	35.8	-27.2	45.04	-	-	74	-28.96	0	200	V
	* 7.47443	24.2	VA1T	35.8	-27.2	32.8	54	-21.2	-	-	0	200	V
6	* 17.88686	32.19	PKFH	41.9	-17.1	56.99	-	-	74	-17.01	39	349	V
	* 17.88669	20.75	VA1T	41.9	-17.1	45.55	54	-8.45	-	-	39	349	V
6	* 17.88545	32.35	PKFH	41.9	-17.1	57.15	-	-	74	-16.85	0	100	V
	* 17.88469	20.75	VA1T	41.9	-17.1	45.55	54	-8.45	-	-	0	100	V

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

PKFH FHSS/BT RB=100k for Frequencies<1GHz / RB=1MHz for Frequencies>1GHz, 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 T119 (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	* 2.78998	35.69	PKFH	33	-17.9	50.79	-	-	74	-23.21	0	200	H
	* 2.78884	23.88	VA1T	33	-17.9	38.98	54	-15.02	-	-	0	200	H
2	* 2.88559	35.3	PKFH	33	-17.7	50.6	-	-	74	-23.4	0	100	V
	* 2.88486	23.48	VA1T	33	-17.7	38.78	54	-15.22	-	-	0	100	V
3	* 4.62561	38.75	PKFH	34.2	-31.2	41.75	-	-	74	-32.25	0	100	H
	* 4.62644	27.03	VA1T	34.2	-31.2	30.03	54	-23.97	-	-	0	100	H
4	* 7.316	36.03	PKFH	35.6	-27.3	44.33	-	-	74	-29.67	0	200	H
	* 7.31464	24.2	VA1T	35.6	-27.3	32.5	54	-21.5	-	-	0	200	H
5	* 5.03354	38.39	PKFH	34.1	-31.4	41.09	-	-	74	-32.91	0	100	V
	* 5.03555	27.19	VA1T	34.2	-31.4	29.99	54	-24.01	-	-	0	100	V
6	* 17.95319	32.57	PKFH	41.9	-16.7	57.77	-	-	74	-16.23	0	200	V
	* 17.95506	20.8	VA1T	41.9	-16.7	46	54	-8	-	-	0	200	V

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

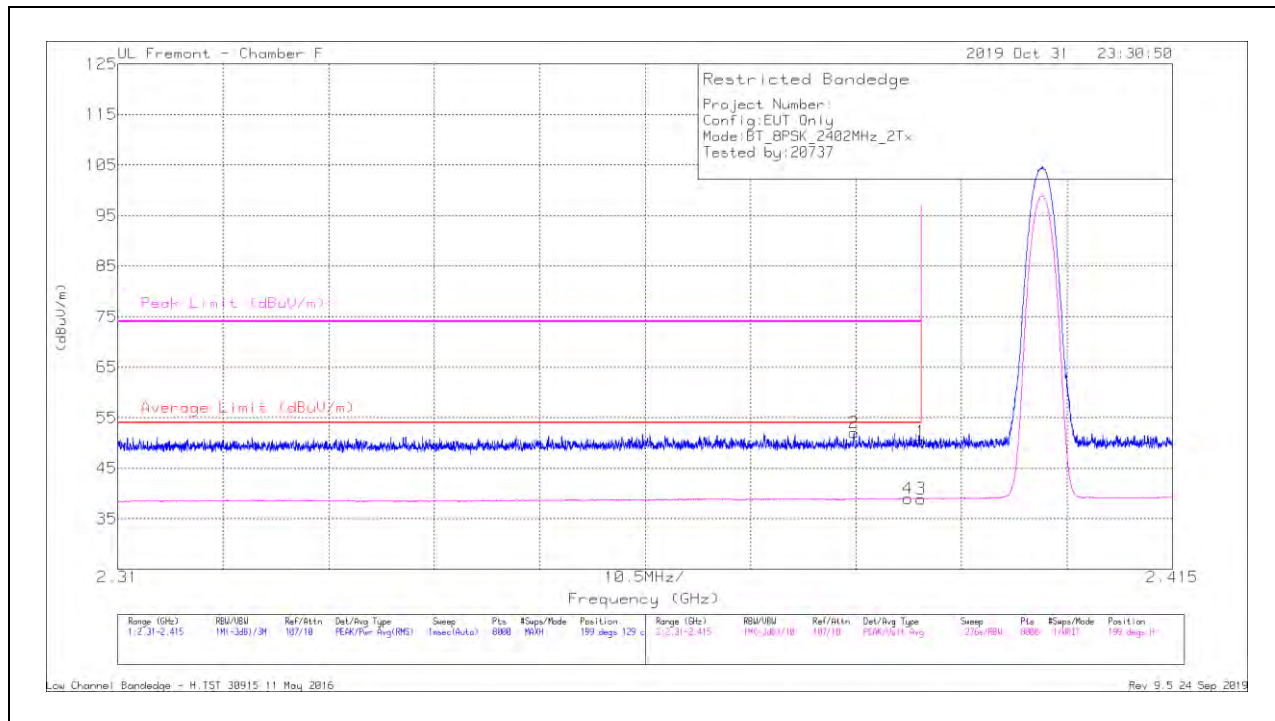
PKFH FHSS/BT RB=100k for Frequencies<1GHz / RB=1MHz for Frequencies>1GHz, VB=3 x RB, Peak

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

9.2.4. LOW POWER ENHANCED DATA RATE 8PSK MODULATION

BANDEDGE (LOW CHANNEL)

HORIZONTAL RESULT



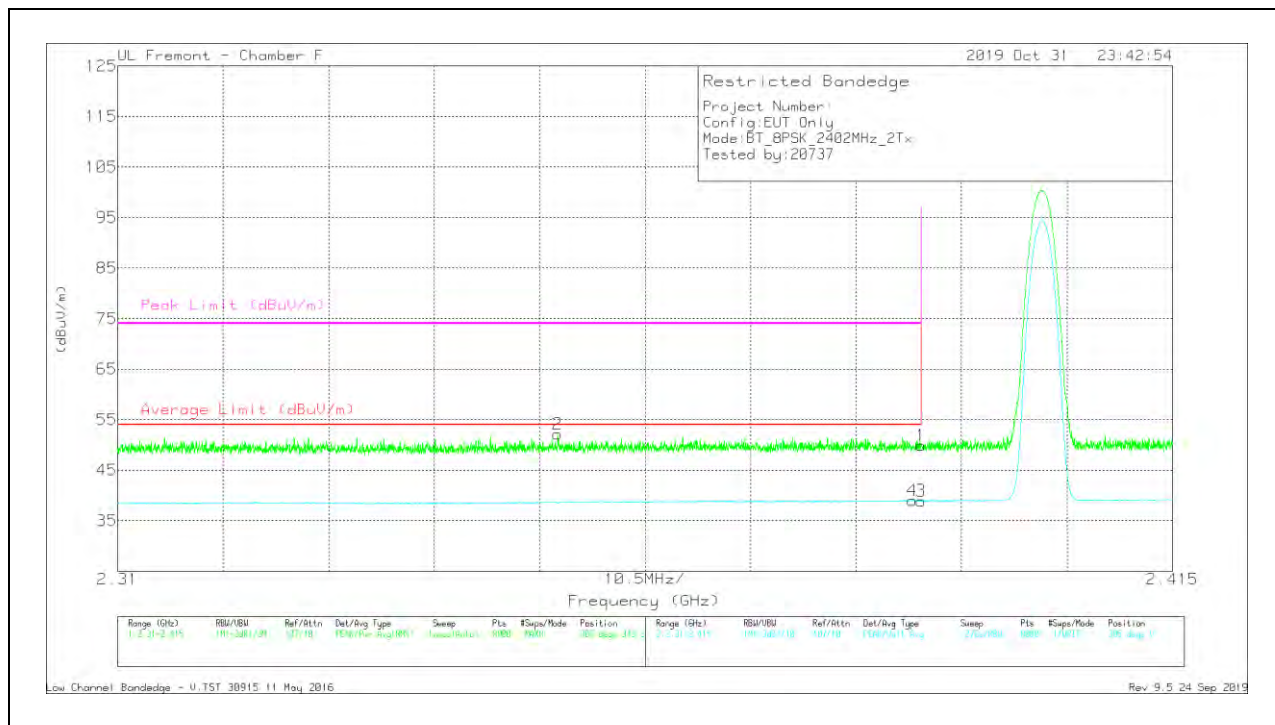
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T345 (dB/m)	Amp/Cbl/Filtr/Pad (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.39	54.64	Pk	32	-36.4	50.24	-	-	74	-23.76	199	129	H
2	* 2.38329	56.51	Pk	31.9	-36.4	52.01	-	-	74	-21.99	199	129	H
3	* 2.39	43.33	VA1T	32	-36.4	38.93	54	-15.07	-	-	199	129	H
4	* 2.38868	43.43	VA1T	32	-36.4	39.03	54	-14.97	-	-	199	129	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)	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	54.35	PK	32	-36.4	49.95	-	-	74	-24.05	305	343	V
2	* 2.3538	56.94	PK	31.7	-36.5	52.14	-	-	74	-21.86	305	343	V
3	* 2.39	43.33	VA1T	32	-36.4	38.93	54	-15.07	-	-	305	343	V
4	* 2.38913	43.39	VA1T	32	-36.4	38.99	54	-15.01	-	-	305	343	V

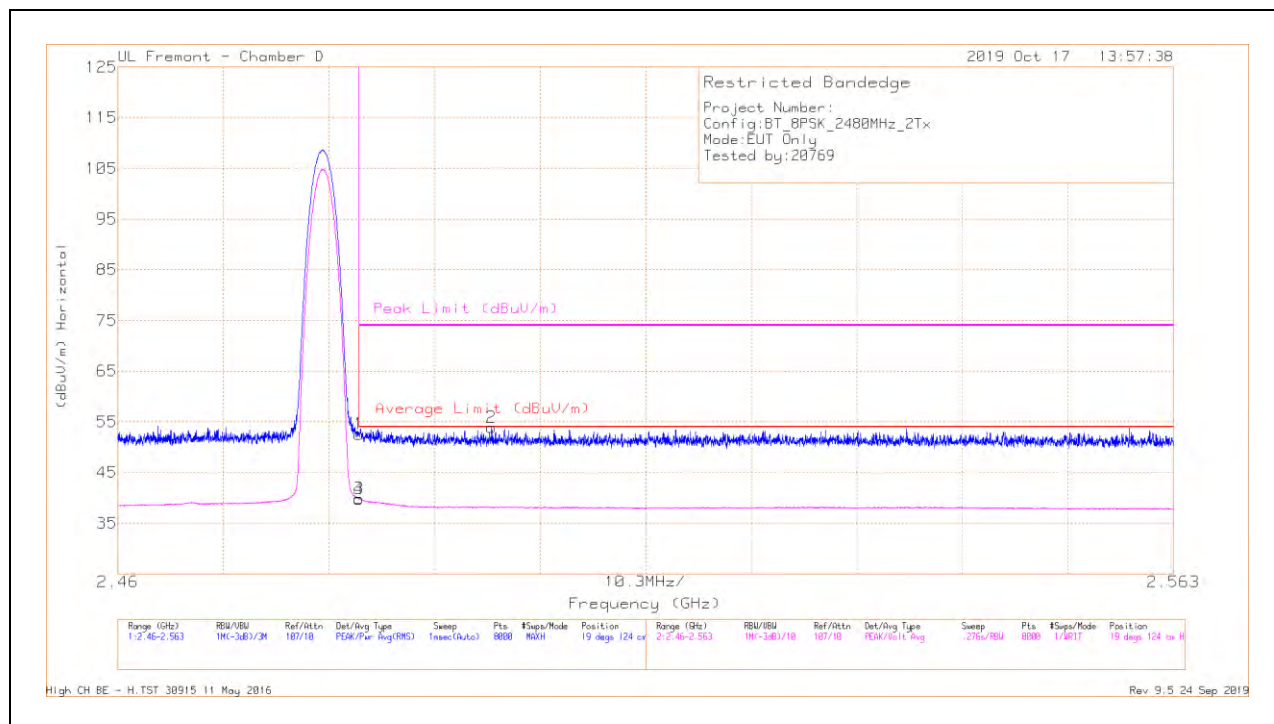
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

PK - Peak detector

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

BANDEDGE (HIGH CHANNEL)

HORIZONTAL RESULT



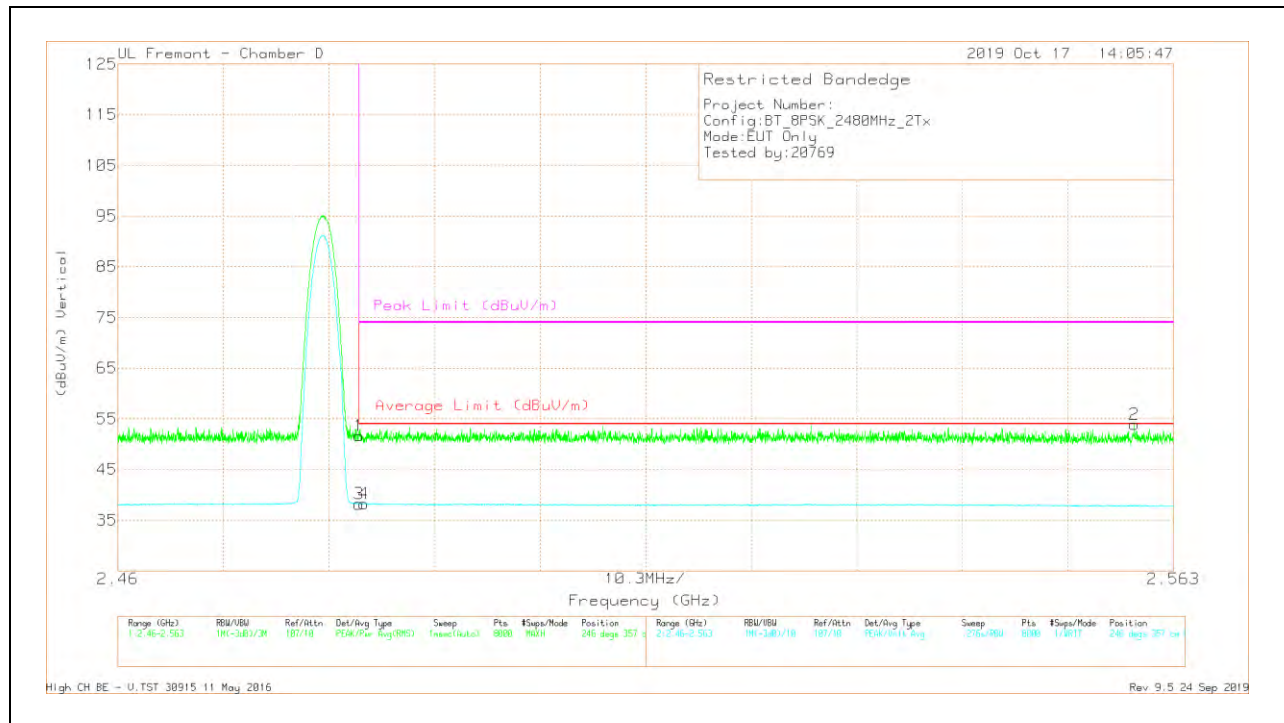
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T712 (dB/m)	Amp/Cbl/Filtr/Pad (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.4835	40.69	Pk	32.4	-20.5	52.59	-	-	74	-21.41	19	124	H
2	* 2.49647	42.03	Pk	32.3	-20.4	53.93	-	-	74	-20.07	19	124	H
3	* 2.4835	27.96	VA1T	32.4	-20.5	39.86	54	-14.14	-	-	19	124	H
4	* 2.48354	27.86	VA1T	32.4	-20.5	39.76	54	-14.24	-	-	19	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 T712 (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	* 2.4835	39.81	Pk	32.4	-20.5	51.71	-	-	74	-22.29	246	357	V
3	* 2.4835	26.29	VA1T	32.4	-20.5	38.19	54	-15.81	-	-	246	357	V
4	* 2.48399	26.47	VA1T	32.3	-20.5	38.27	54	-15.73	-	-	246	357	V
2	2.5592	42.22	Pk	32.1	-20.4	53.92	-	-	74	-20.08	246	357	V

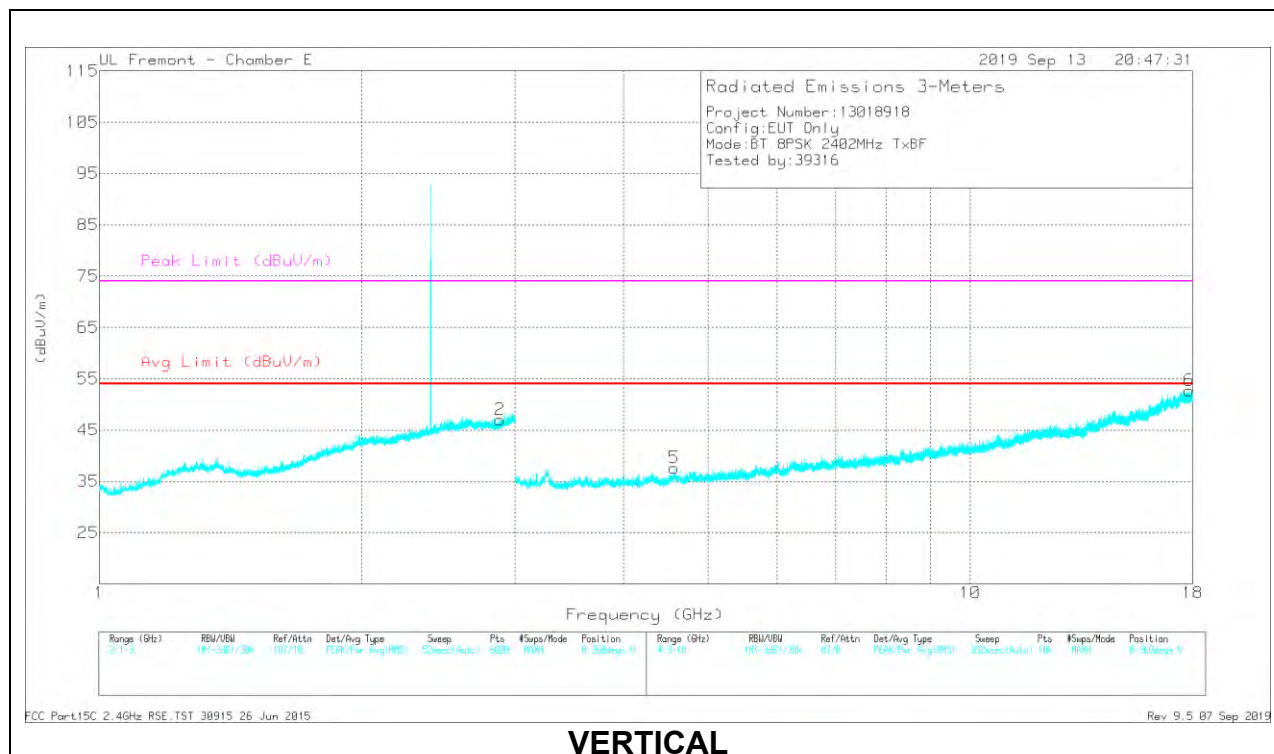
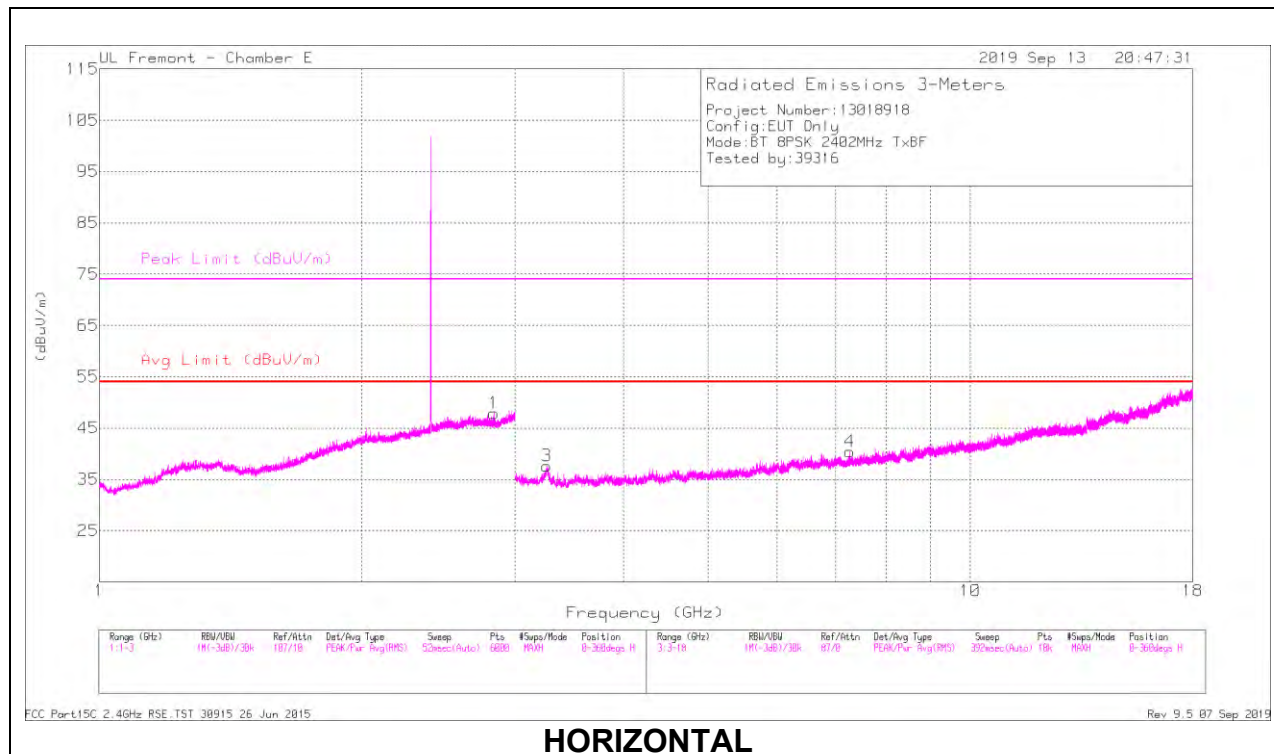
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

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

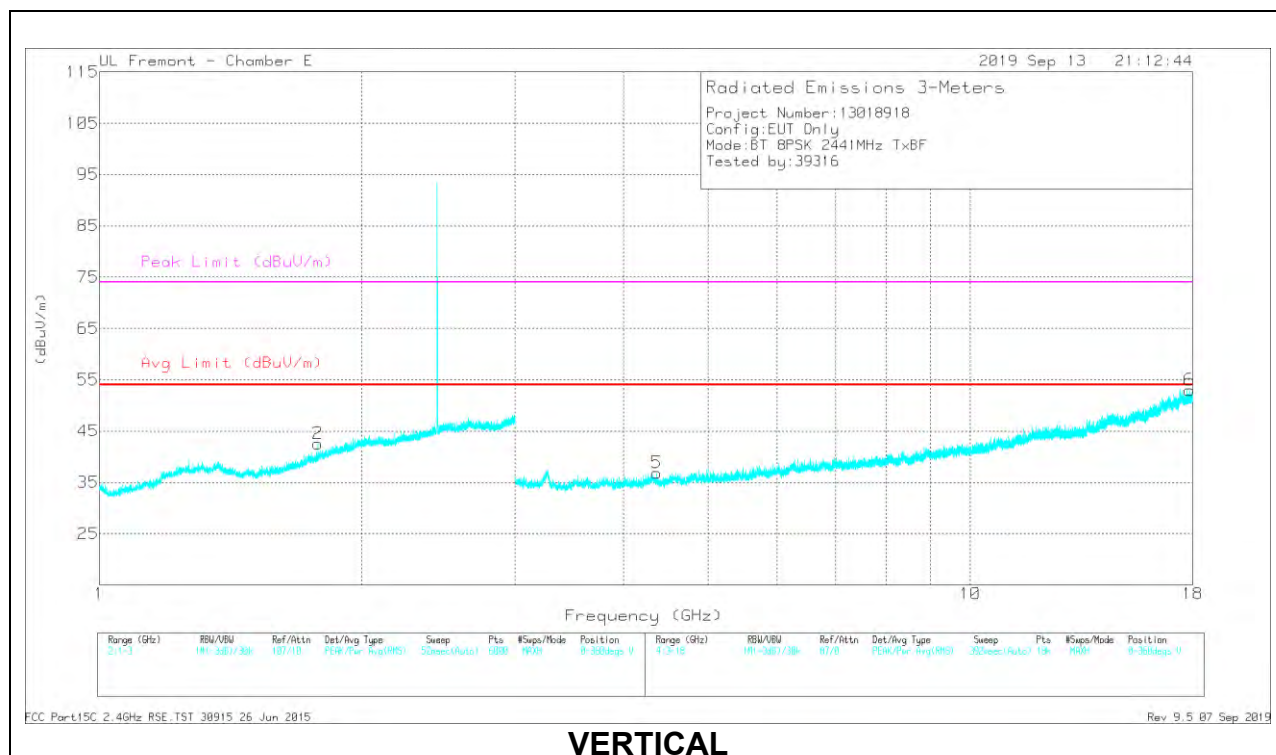
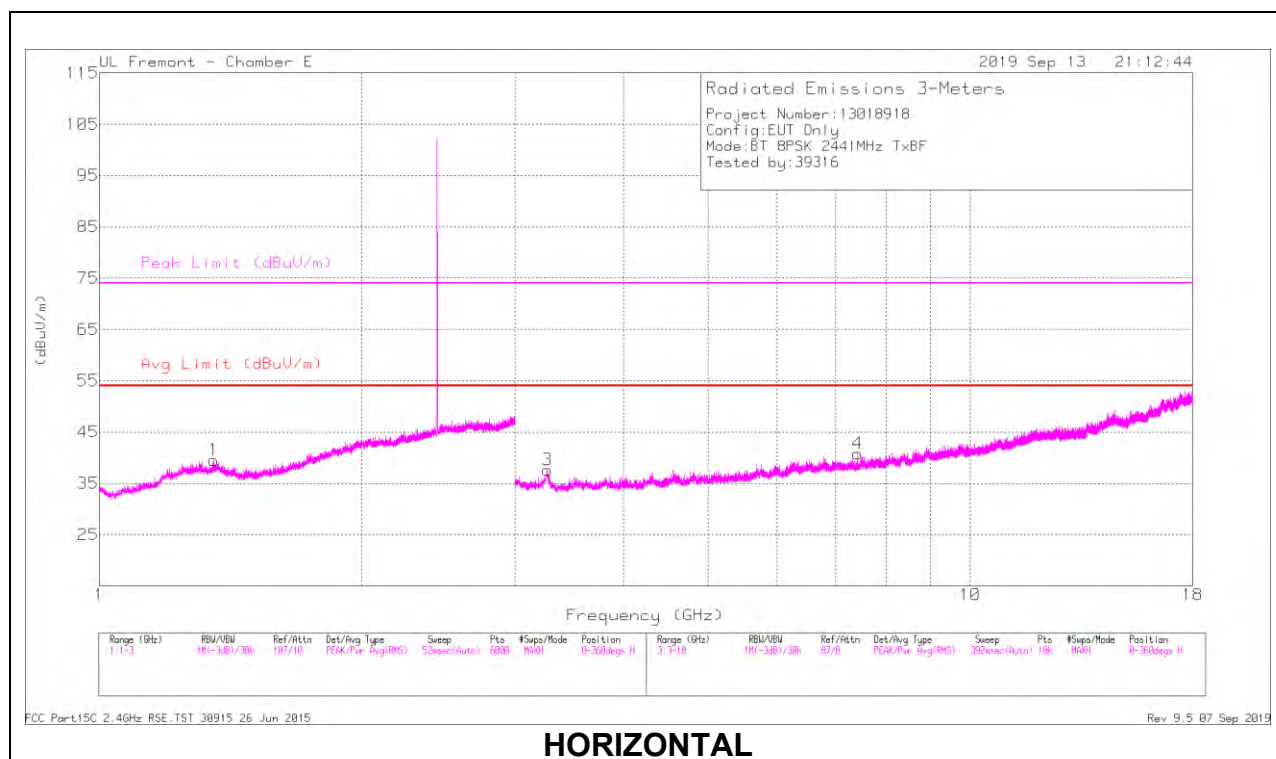
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T119 (dB/m)	Amp/Cbl/Filtr/Pad (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.83628	35.91	PKFH	32.9	-17.8	51.01	-	-	74	-22.99	0	200	H
	* 2.83732	23.78	VA1T	32.9	-17.8	38.88	54	-15.12	-	-	0	200	H
2	* 2.88537	35.6	PKFH	33	-17.7	50.9	-	-	74	-23.1	0	100	V
	* 2.88189	23.55	VA1T	33	-17.7	38.85	54	-15.15	-	-	0	100	V
3	* 3.26175	41.71	PKFH	35.1	-34.1	42.71	-	-	74	-31.29	0	100	H
	* 3.26245	30.04	VA1T	35.1	-34.1	31.04	54	-22.96	-	-	0	100	H
4	* 7.26743	37.1	PKFH	35.6	-27.3	45.4	-	-	74	-28.6	0	100	H
	* 7.27005	24.16	VA1T	35.6	-27.3	32.46	54	-21.54	-	-	0	100	H
5	* 4.57273	39.14	PKFH	34.2	-31.6	41.74	-	-	74	-32.26	0	101	V
	* 4.57542	27.78	VA1T	34.2	-31.5	30.48	54	-23.52	-	-	0	101	V
6	* 17.84245	33.03	PKFH	41.7	-17.5	57.23	-	-	74	-16.77	0	200	V
	* 17.84448	21.23	VA1T	41.8	-17.4	45.63	54	-8.37	-	-	0	200	V

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

PKFH FHSS/BT RB=100k for Frequencies<1GHz / RB=1MHz for Frequencies>1GHz, VB=3 x RB, Peak

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

MID CHANNEL RESULTS



RADIATED EMISSIONS

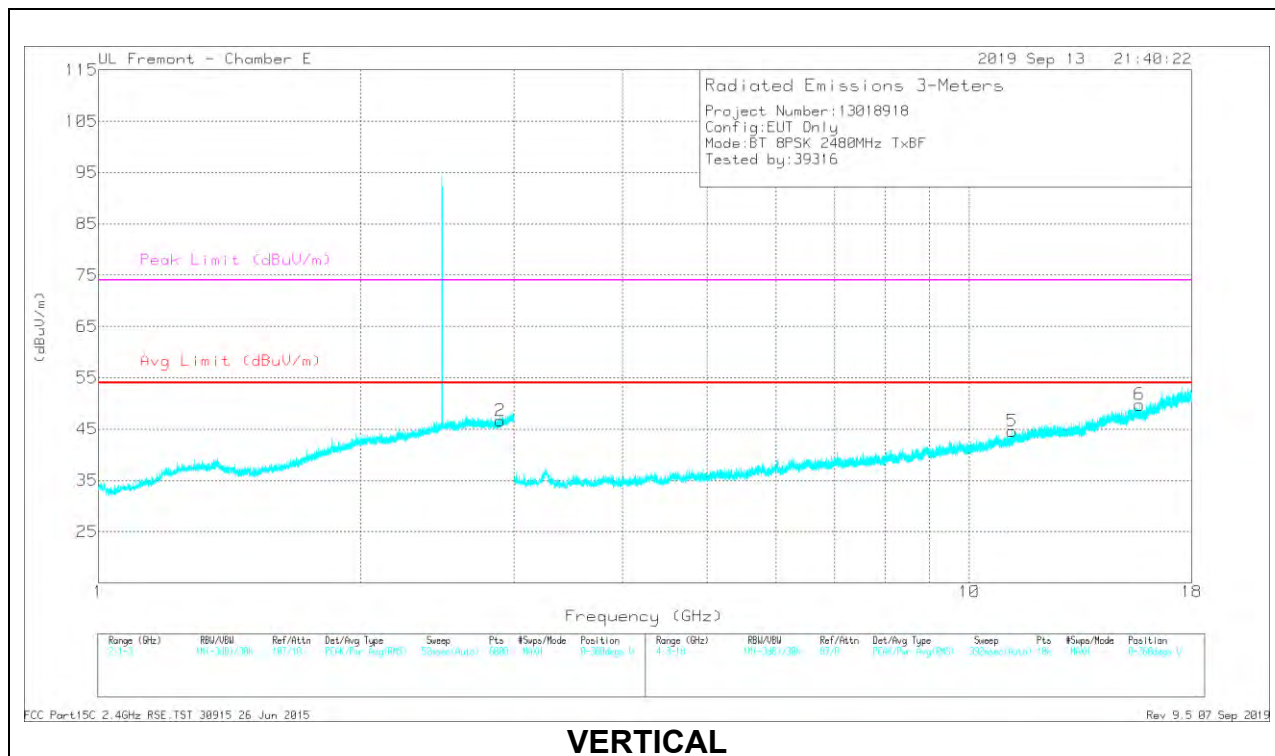
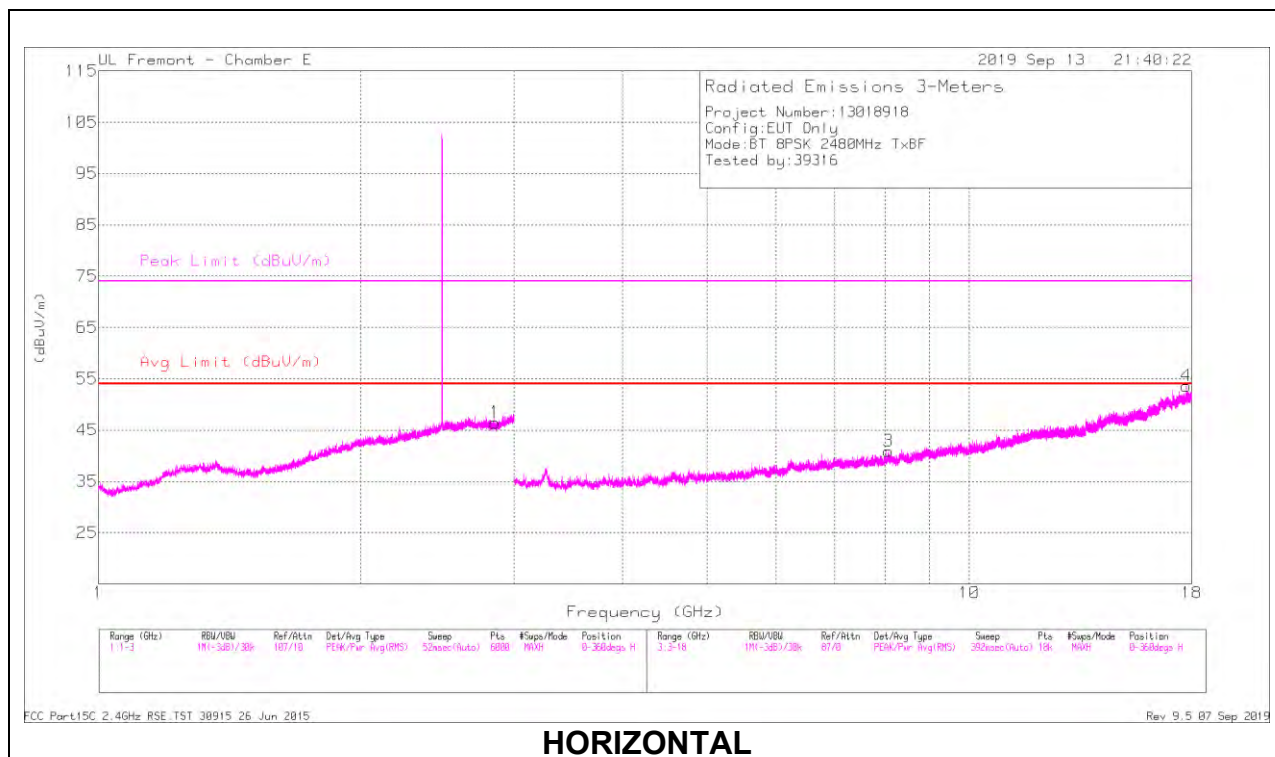
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T119 (dB/m)	Amp/Cbl/Filtr/Pad (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 1.35081	33.59	PKFH	29.7	-20.3	42.99	-	-	74	-31.01	0	200	H
	* 1.35391	22.26	VA1T	29.8	-20.3	31.76	54	-22.24	-	-	0	200	H
4	* 7.42518	36.23	PKFH	35.7	-27.5	44.43	-	-	74	-29.57	0	200	H
	* 7.42335	24.42	VA1T	35.7	-27.6	32.52	54	-21.48	-	-	0	200	H
5	* 4.36278	39.8	PKFH	33.7	-31.1	42.4	-	-	74	-31.6	0	100	V
	* 4.36501	27.23	VA1T	33.7	-31.1	29.83	54	-24.17	-	-	0	100	V
6	* 17.85724	32.79	PKFH	41.9	-17.4	57.29	-	-	74	-16.71	0	200	V
	* 17.85634	21.15	VA1T	41.9	-17.4	45.65	54	-8.35	-	-	0	200	V
2	1.78017	34.38	PKFH	30.2	-19	45.58	-	-	-	-	0	200	V
	1.78334	22.44	VA1T	30.3	-18.9	33.84	-	-	-	-	0	200	V
3	3.26919	41.22	PKFH	34.8	-34.1	41.92	-	-	-	-	0	100	H
	3.26932	30.17	VA1T	34.8	-34.1	30.87	-	-	-	-	0	100	H

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

PKFH FHSS/BT RB=100k for Frequencies<1GHz / RB=1MHz for Frequencies>1GHz, 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 T119 (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	* 2.8512	36.19	PKFH	32.8	-17.7	51.29	-	-	74	-22.71	0	100	H
	* 2.85187	23.69	VA1T	32.8	-17.7	38.79	54	-15.21	-	-	0	100	H
2	* 2.89665	34.67	PKFH	33	-17.5	50.17	-	-	74	-23.83	0	102	V
	* 2.89628	23.57	VA1T	33	-17.5	39.07	54	-14.93	-	-	0	102	V
3	* 8.07098	36.2	PKFH	35.9	-26.1	46	-	-	74	-28	0	200	H
	* 8.0705	24.08	VA1T	35.9	-26.1	33.88	54	-20.12	-	-	0	200	H
4	* 17.73472	33.12	PKFH	41.8	-17.5	57.42	-	-	74	-16.58	0	200	H
	* 17.73861	21.26	VA1T	41.9	-17.5	45.66	54	-8.34	-	-	0	200	H
5	* 11.19475	34.42	PKFH	37.9	-23.3	49.02	-	-	74	-24.98	0	200	V
	* 11.19201	22.25	VA1T	37.9	-23.3	36.85	54	-17.15	-	-	0	200	V
6	* 15.69589	33.37	PKFH	40.2	-19.6	53.97	-	-	74	-20.03	0	100	V
	* 15.69252	21.42	VA1T	40.2	-19.5	42.12	54	-11.88	-	-	0	100	V

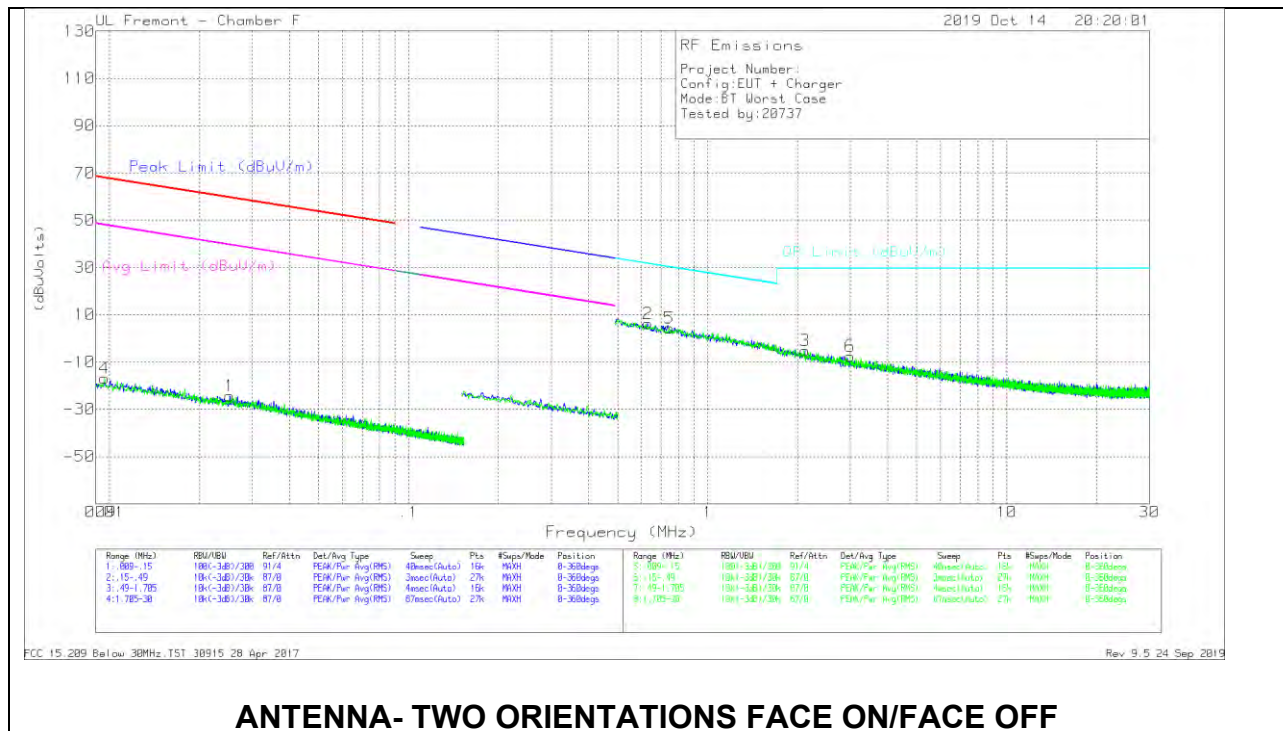
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

PKFH FHSS/BT RB=100k for Frequencies<1GHz / RB=1MHz for Frequencies>1GHz, VB=3 x RB, Peak

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

9.3. WORST CASE BELOW 30MHZ

SPURIOUS EMISSIONS BELOW 30 MHz (WORST-CASE CONFIGURATION)



Below 30MHz Data

Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	Loop Antenna (dBm)	Cables (dB)	Dist Corr 300m	Corrected Reading (dBuVolts)	Peak Limit (dBuV/m)	Margin (dB)	Avg Limit (dBuV/m)	Margin (dB)	Azimuth (Degs)
1	.02528	40.74	Pk	14.9	0	-80	-24.36	59.53	-83.89	39.53	-63.89	0-360
4	.00962	43.38	Pk	19.7	0	-80	-16.92	67.92	-84.84	47.92	-64.84	0-360

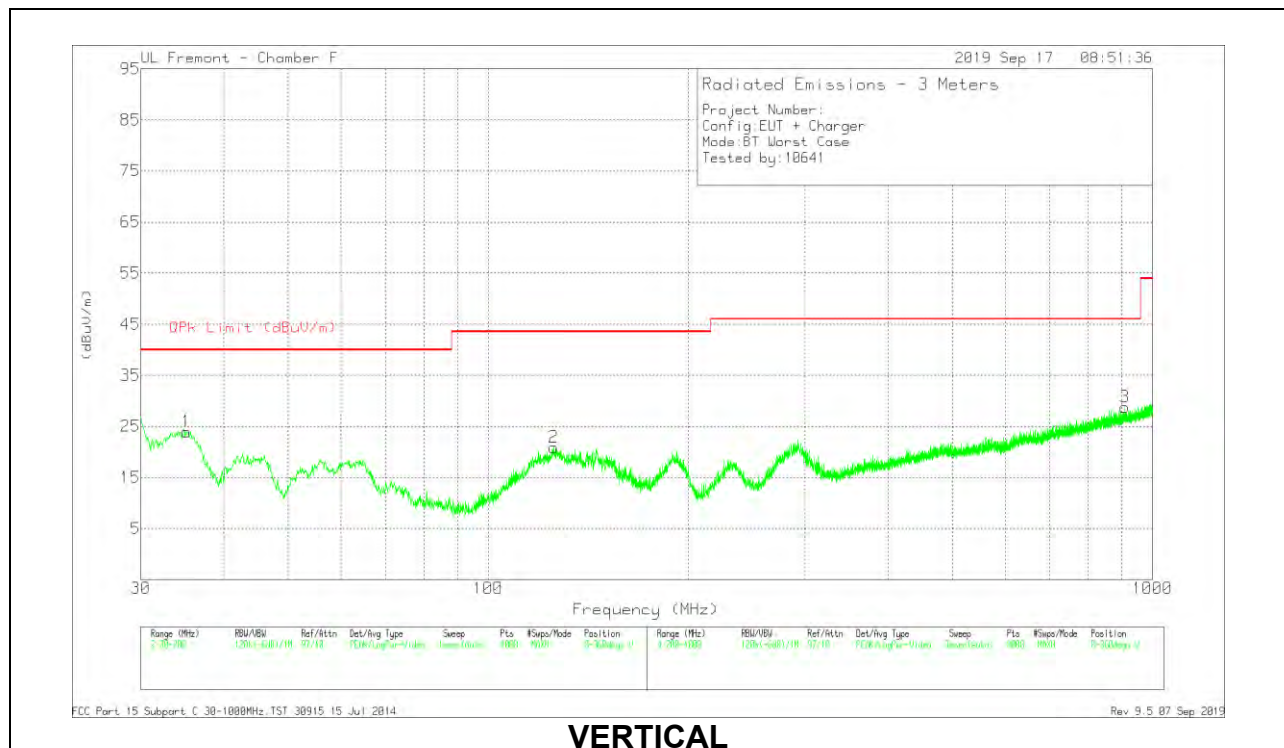
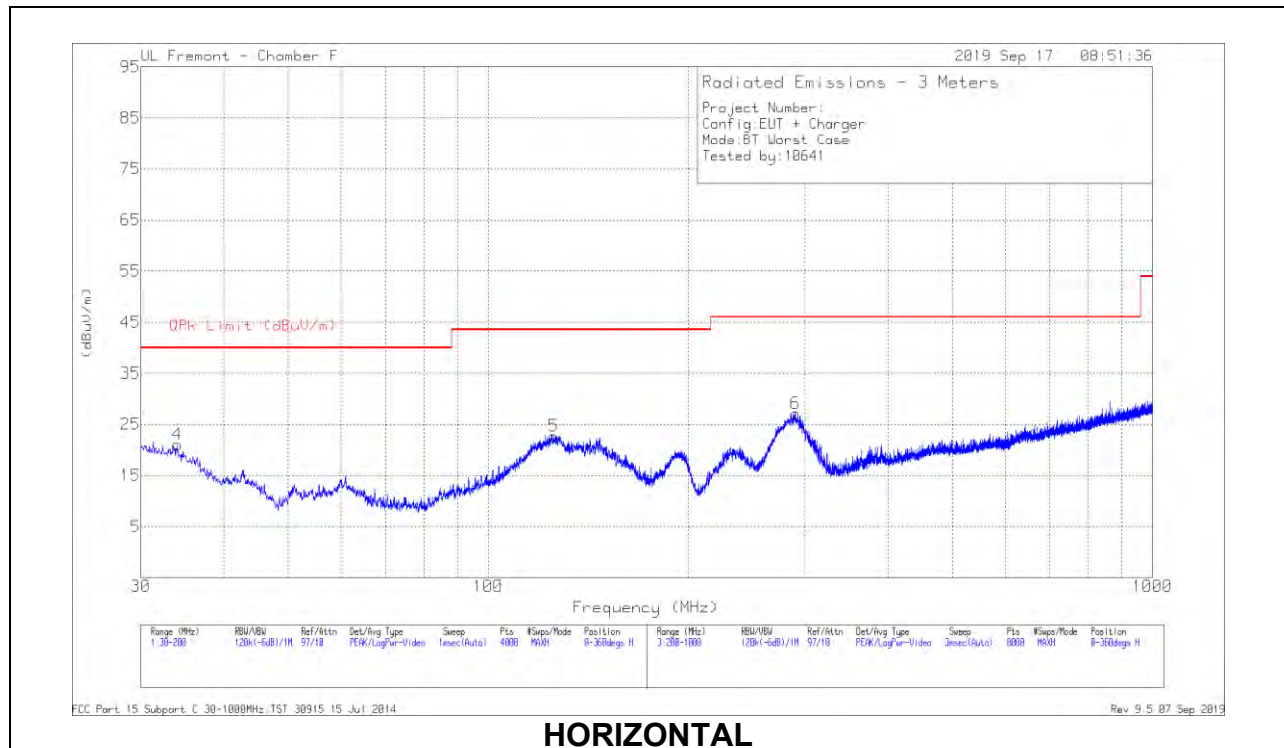
Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	Loop Antenna (dBm)	Cables (dB)	Dist Corr (dB) 40Log	Corrected Reading (dBuVolts)	QP Limit (dBuV/m)	Margin (dB)	Azimuth (Degs)
2	.6303	35.11	Pk	11	.1	-40	6.21	31.62	-25.41	0-360
3	2.11477	23.27	Pk	11.3	.2	-40	-5.23	29.5	-34.73	0-360
5	.74365	33.38	Pk	11	.1	-40	4.48	30.19	-25.71	0-360
6	2.99509	21.03	Pk	11.3	.2	-40	-7.47	29.5	-36.97	0-360

Pk - Peak detector

FCC 15.209 Below 30MHz.TST 30915 28 Apr 2017
Rev 9.5 24 Sep 2019

9.4. WORST CASE BELOW 1 GHz

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



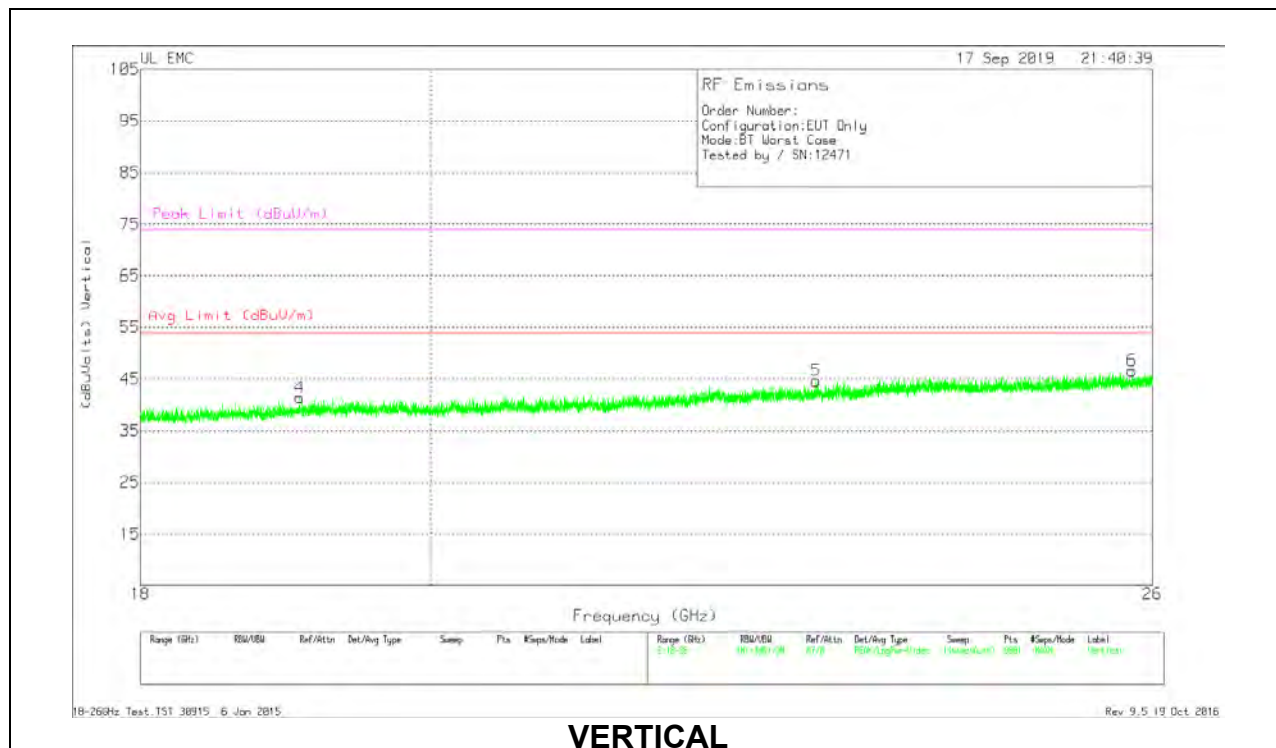
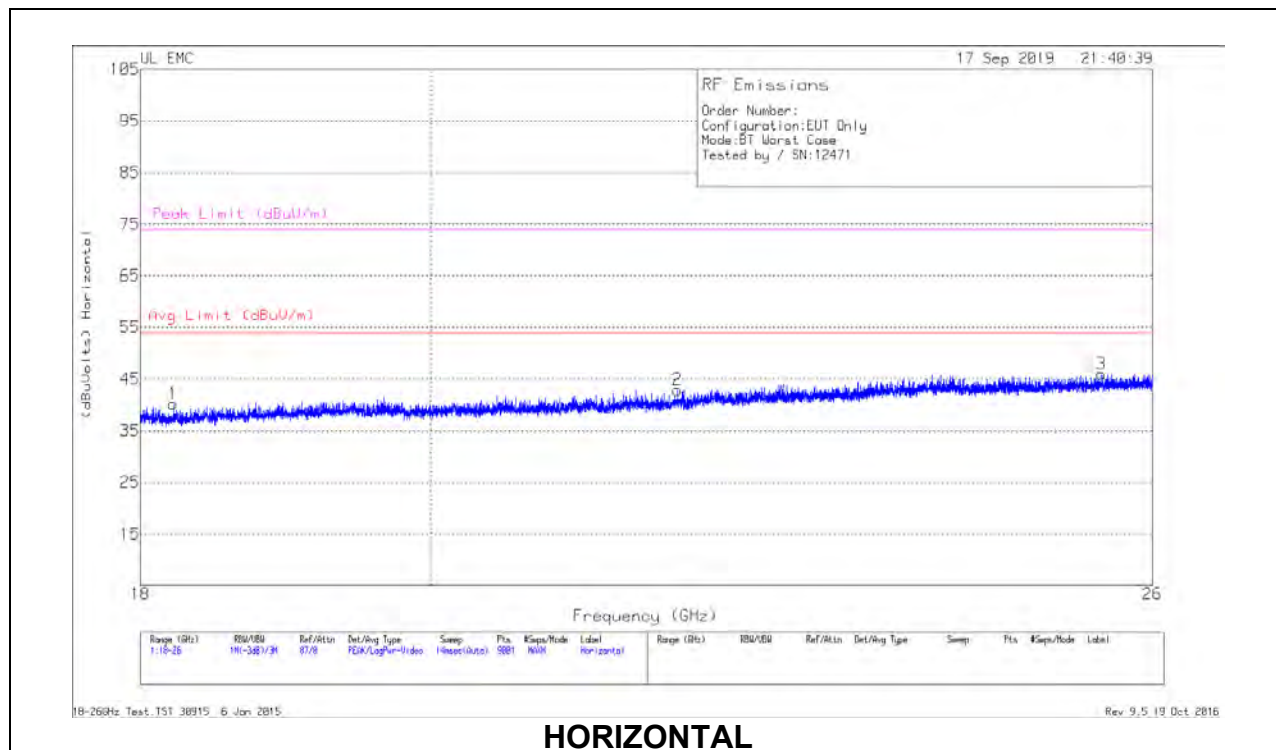
Below 1GHz Data

Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	AF T407 (dB/m)	Amp/Cbl (dB)	Corrected Reading (dBuV/m)	QPk Limit (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
4	34.0385	30.59	Pk	22.3	-31.9	20.99	40	-19.01	0-360	399	H
5	* 125.3947	35.86	Pk	17.8	-31	22.66	43.52	-20.86	0-360	199	H
1	35.1438	34.3	Pk	21.5	-31.9	23.9	40	-16.1	0-360	100	V
2	* 125.4797	34.12	Pk	17.8	-31	20.92	43.52	-22.6	0-360	100	V
6	289.9117	39.68	Pk	17.3	-29.9	27.08	46.02	-18.94	0-360	99	H
3	909.2922	29.26	Pk	26.3	-26.8	28.76	46.02	-17.26	0-360	299	V

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

9.5. WORST CASE 18-26 GHZ

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



18 – 26GHz DATA

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	T447 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)	Polarity
1	18.216	39.87	Pk	32.3	-22.5	-9.5	40.17	54	-13.83	74	-33.83	H
2	21.878	40.06	Pk	33.2	-20.9	-9.5	42.86	54	-11.14	74	-31.14	H
3	25.519	40.77	Pk	34.5	-19.8	-9.5	45.97	54	-8.03	74	-28.03	H
4	19.073	39.95	Pk	32.6	-21.6	-9.5	41.45	54	-12.55	74	-32.55	V
5	23.006	40.67	Pk	33.6	-20.1	-9.5	44.67	54	-9.33	74	-29.33	V
6	25.807	41.81	Pk	34.4	-20.1	-9.5	46.61	54	-7.39	74	-27.39	V

Pk - Peak detector

10. AC POWER LINE CONDUCTED EMISSIONS

LIMITS

FCC §15.207 (a)

RSS-Gen 8.8

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

*Decreases with the logarithm of the frequency.

TEST PROCEDURE

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

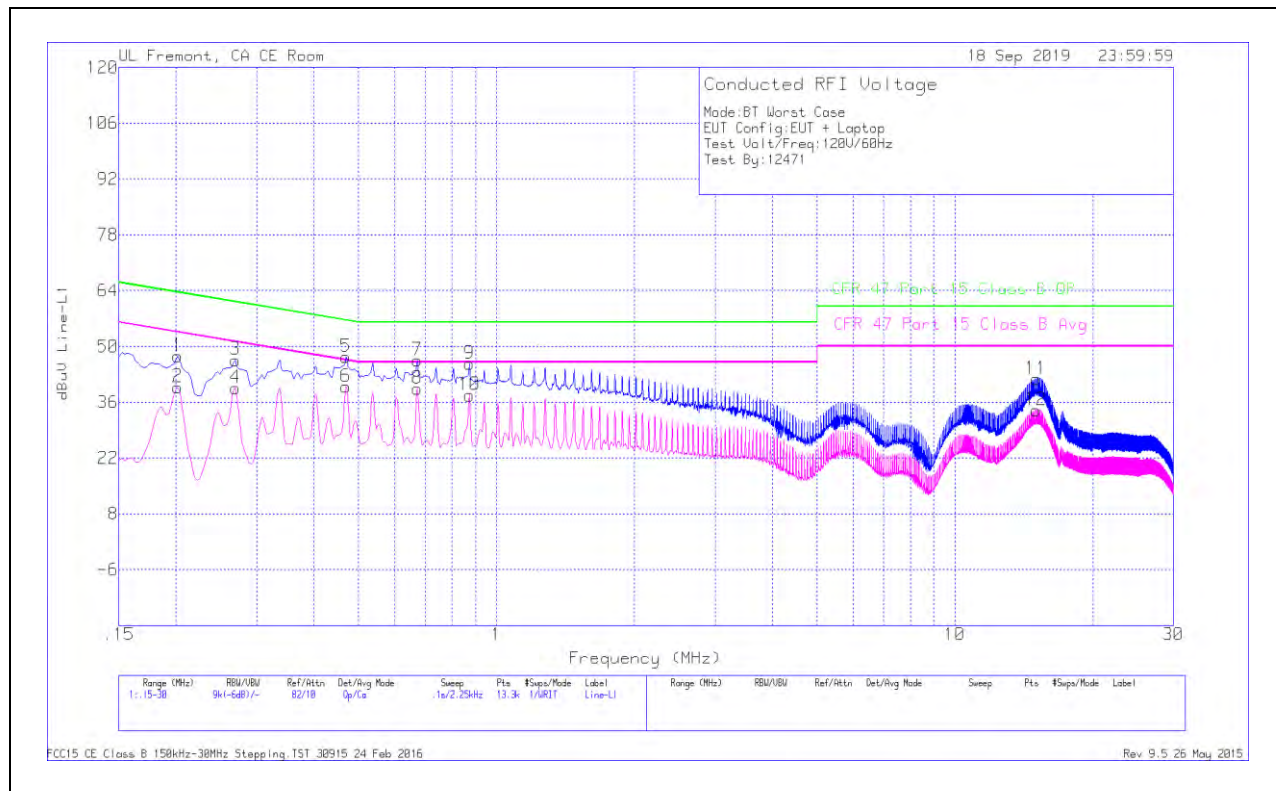
The receiver is set to a resolution bandwidth of 9 kHz. Peak detection is used unless otherwise noted as quasi-peak or average.

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

RESULTS

10.1.1. AC Power Line Host

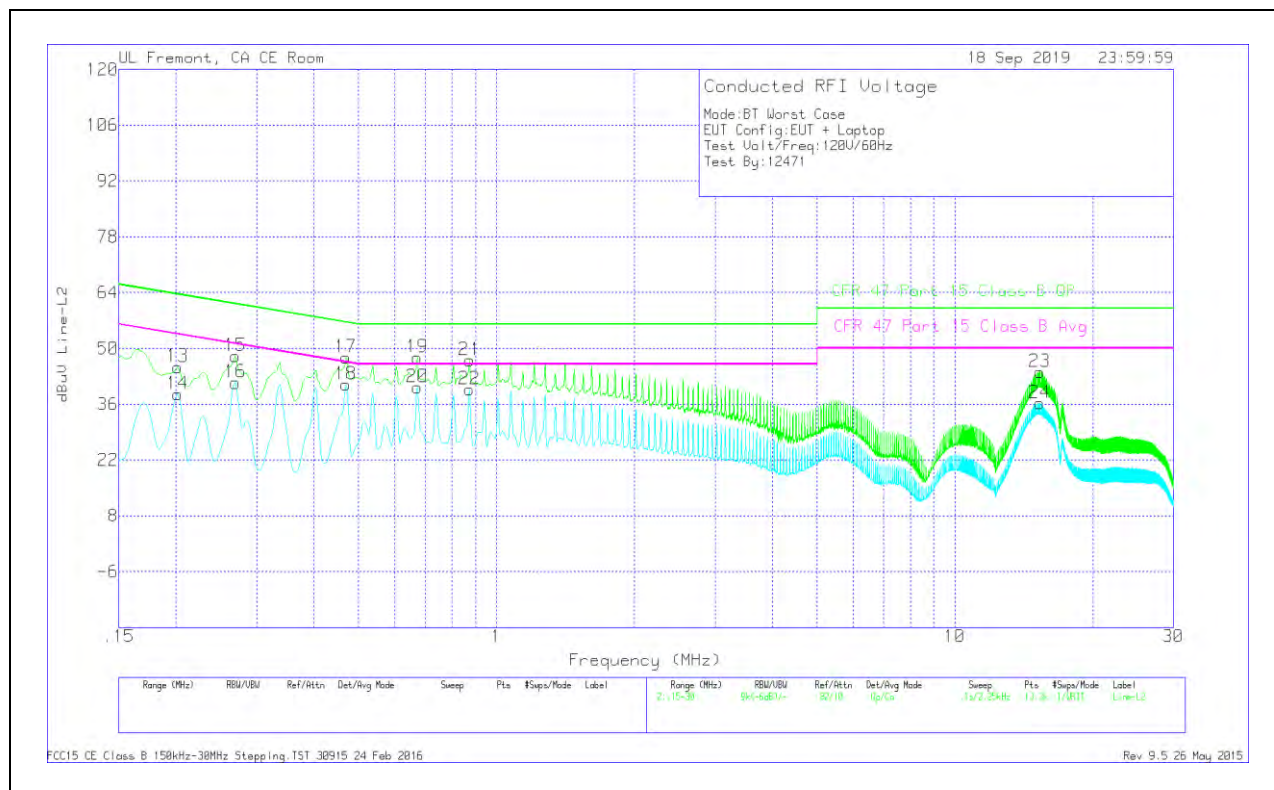
LINE 1 RESULTS



Range 1: Line-L1 .15 - 30MHz											
Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	LISN L1	LC Cables C1&C3	Limiter (dB)	Corrected Reading dBuV	CFR 47 Part 15 Class B QP	QP Margin (dB)	CFR 47 Part 15 Class B Avg	Av(CISPR)Margin (dB)
1	.20175	37.41	Qp	0	0	10.1	47.51	63.54	-16.03	-	-
2	.20175	29.73	Ca	0	0	10.1	39.83	-	-	53.54	-13.71
3	.26925	36.51	Qp	0	0	10.1	46.61	61.14	-14.53	-	-
4	.26925	29.51	Ca	0	0	10.1	39.61	-	-	51.14	-11.53
5	.4695	37.25	Qp	0	0	10.1	47.35	56.52	-9.17	-	-
6	.4695	29.89	Ca	0	0	10.1	39.99	-	-	46.52	-6.53
7	.672	36.44	Qp	0	0	10.1	46.54	56	-9.46	-	-
8	.672	29.37	Ca	0	0	10.1	39.47	-	-	46	-6.53
9	.87225	35.49	Qp	0	0	10.1	45.59	56	-10.41	-	-
10	.87225	27.65	Ca	0	0	10.1	37.75	-	-	46	-8.25
11	15.045	31.15	Qp	.1	.3	10.2	41.75	60	-18.25	-	-
12	15.045	23.41	Ca	.1	.3	10.2	34.01	-	-	50	-15.99

Qp - Quasi-Peak detector
Ca - CISPR average detection

LINE 2 RESULTS

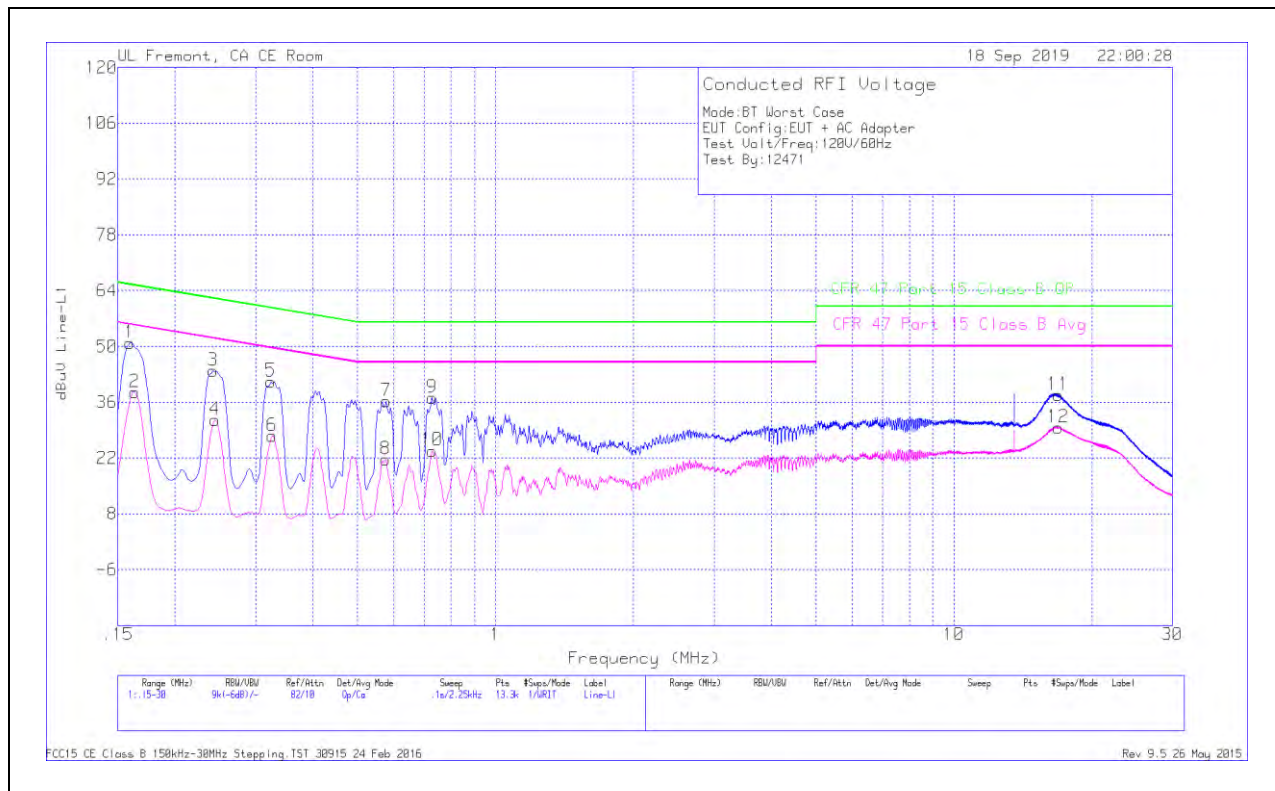


Range 2: Line-L2 .15 - 30MHz											
Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	LISN L2	LC Cables C2&C3	Limiter (dB)	Corrected Reading dBuV	CFR 47 Part 15 Class B QP	QP Margin (dB)	CFR 47 Part 15 Class B Avg	Av(CISPR)Margin (dB)
13	.20175	35.29	Qp	0	0	10.1	45.39	63.54	-18.15	-	-
14	.20175	28.38	Ca	0	0	10.1	38.48	-	-	53.54	-15.06
15	.26925	37.93	Qp	0	0	10.1	48.03	61.14	-13.11	-	-
16	.26925	31.3	Ca	0	0	10.1	41.4	-	-	51.14	-9.74
17	.4695	37.61	Qp	0	0	10.1	47.71	56.52	-8.81	-	-
18	.4695	30.84	Ca	0	0	10.1	40.94	-	-	46.52	-5.58
19	.672	37.6	Qp	0	0	10.1	47.7	56	-8.3	-	-
20	.672	30.21	Ca	0	0	10.1	40.31	-	-	46	-5.69
21	.8745	36.95	Qp	0	0	10.1	47.05	56	-8.95	-	-
22	.87225	29.62	Ca	0	0	10.1	39.72	-	-	46	-6.28
23	15.3195	33.55	Qp	.1	.3	10.2	44.15	60	-15.85	-	-
24	15.3195	25.67	Ca	.1	.3	10.2	36.27	-	-	50	-13.73

Qp - Quasi-Peak detector
Ca - CISPR average detection

10.1.2. AC Power Line Norm

LINE 1 RESULTS

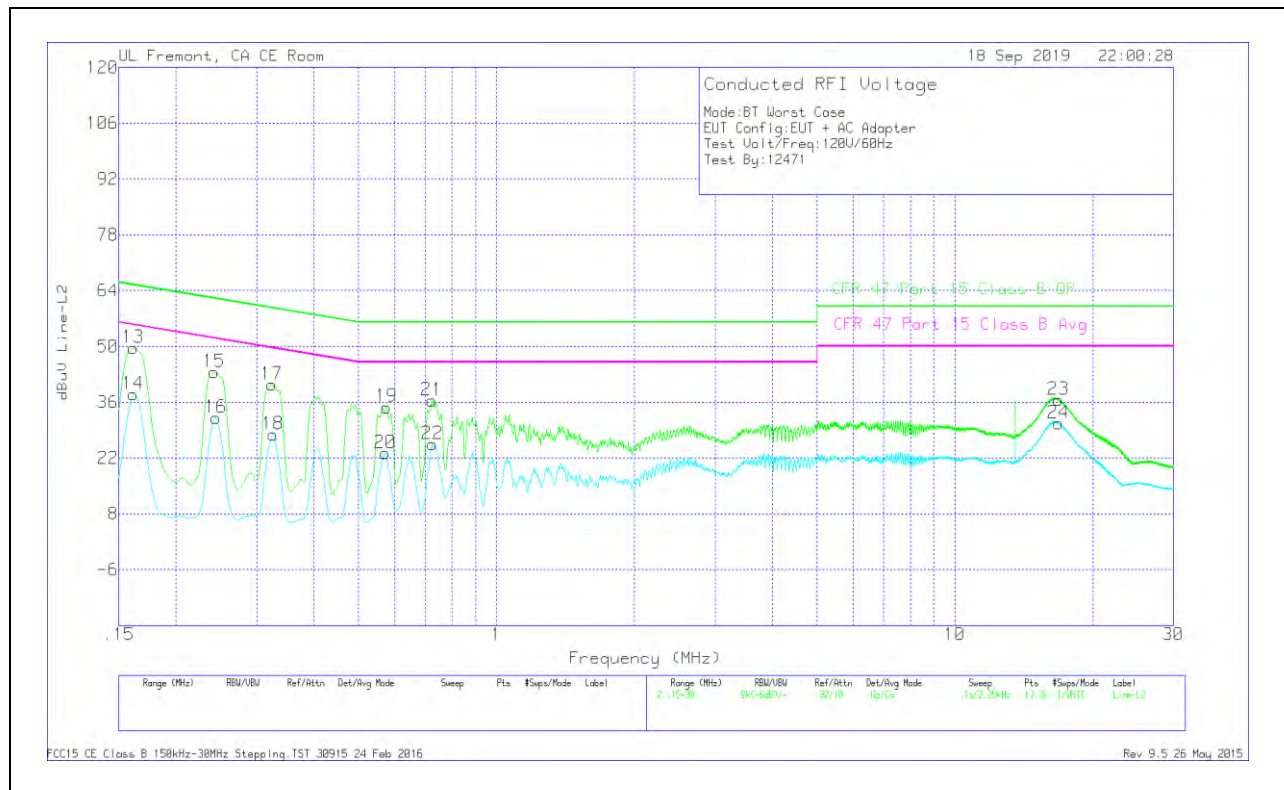


Range 1: Line-L1 .15 - 30MHz											
Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	LISN L1	LC Cables C1&C3	Limiter (dB)	Corrected Reading dBuV	CFR 47 Part 15 Class B QP	QP Margin (dB)	CFR 47 Part 15 Class B Avg	Av(CISPR)Margin (dB)
1	.159	40.74	Qp	.1	0	10.1	50.94	65.52	-14.58	-	-
2	.1635	28.28	Ca	.1	0	10.1	38.48	-	-	55.28	-16.8
3	.24225	33.83	Qp	0	0	10.1	43.93	62.02	-18.09	-	-
4	.2445	21.4	Ca	0	0	10.1	31.5	-	-	51.94	-20.44
5	.32325	31.12	Qp	0	0	10.1	41.22	59.62	-18.4	-	-
6	.3255	17.46	Ca	0	0	10.1	27.56	-	-	49.57	-22.01
7	.5775	26.1	Qp	0	0	10.1	36.2	56	-19.8	-	-
8	.57525	11.49	Ca	0	0	10.1	21.59	-	-	46	-24.41
9	.72825	27.01	Qp	0	0	10.1	37.11	56	-18.89	-	-
10	.72825	13.74	Ca	0	0	10.1	23.84	-	-	46	-22.16
11	16.89563	27.13	Qp	.1	.3	10.3	37.83	60	-22.17	-	-
12	16.899	18.93	Ca	.1	.3	10.3	29.63	-	-	50	-20.37

Qp - Quasi-Peak detector

Ca - CISPR average detection

LINE 2 RESULTS



Range 2: Line-L2 .15 - 30MHz											
Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	LISN L2	LC Cables C2&C3	Limiter (dB)	Corrected Reading dBuV	CFR 47 Part 15 Class B QP	QP Margin (dB)	CFR 47 Part 15 Class B Avg	Av(CISPR)Margin (dB)
13	.16125	39.38	Qp	.1	0	10.1	49.58	65.4	-15.82	-	-
14	.16125	27.84	Ca	.1	0	10.1	38.04	-	-	55.4	-17.36
15	.24225	33.4	Qp	0	0	10.1	43.5	62.02	-18.52	-	-
16	.2445	22.01	Ca	0	0	10.1	32.11	-	-	51.94	-19.83
17	.32325	30.36	Qp	0	0	10.1	40.46	59.62	-19.16	-	-
18	.3255	17.81	Ca	0	0	10.1	27.91	-	-	49.57	-21.66
19	.57525	24.69	Qp	0	0	10.1	34.79	56	-21.21	-	-
20	.573	13.2	Ca	0	0	10.1	23.3	-	-	46	-22.7
21	.72375	26.37	Qp	0	0	10.1	36.47	56	-19.53	-	-
22	.726	15.33	Ca	0	0	10.1	25.43	-	-	46	-20.57
23	16.836	25.97	Qp	.1	.3	10.3	36.67	60	-23.33	-	-
24	16.8405	20.04	Ca	.1	.3	10.3	30.74	-	-	50	-19.26

Qp - Quasi-Peak detector
Ca - CISPR average detection

11. SETUP PHOTOS

Please refer to 13018918-EP1V1 for setup photos

END OF TEST REPORT