

RADIATED EMISSIONS

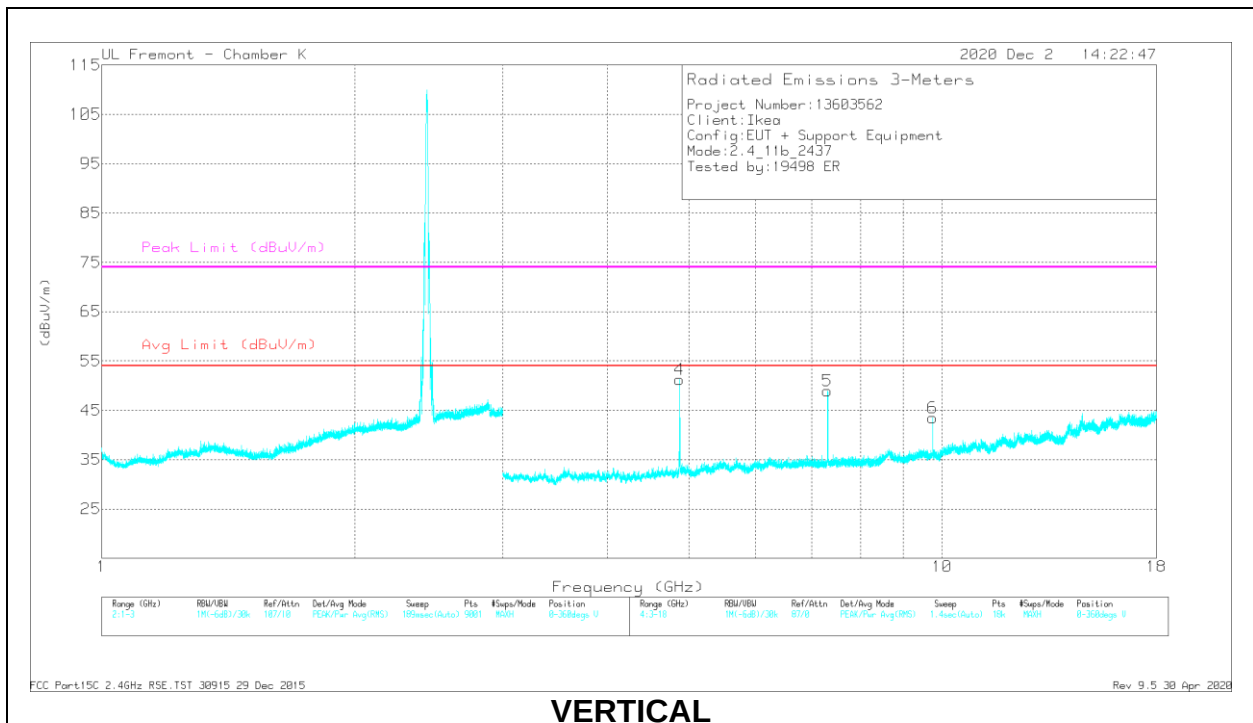
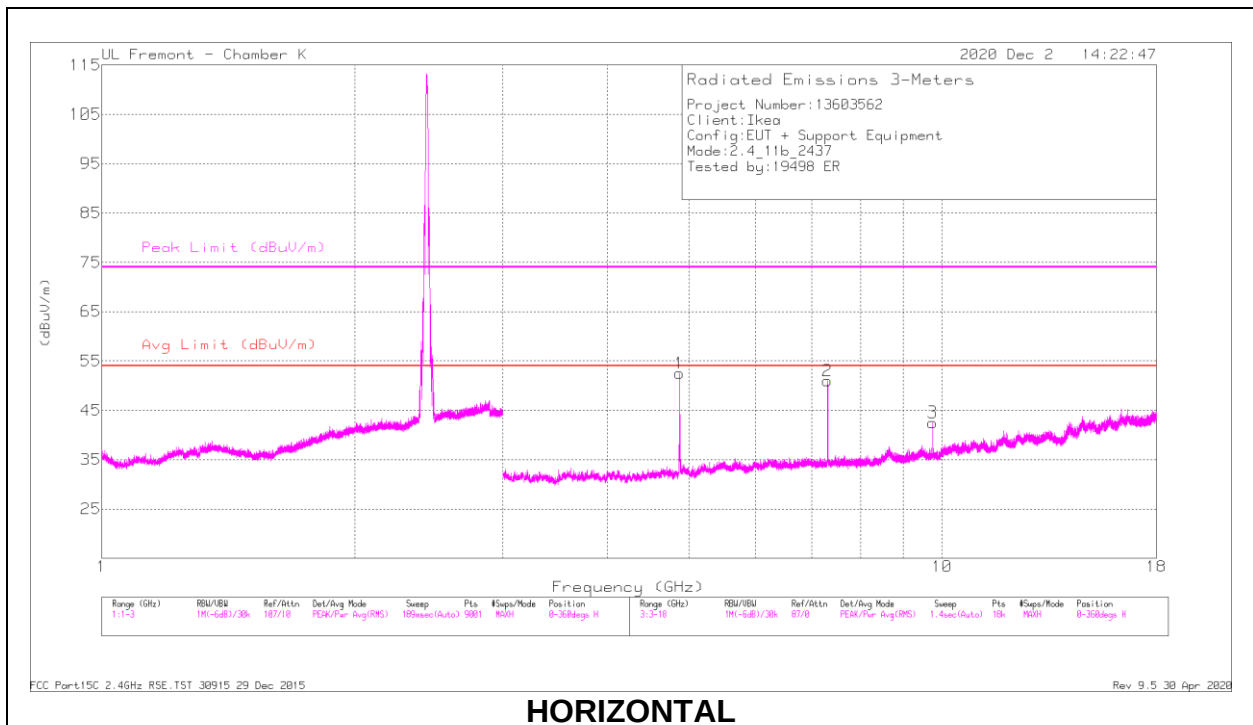
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T863 (dB/m)	Amp/Cbl/Fitr/P ad (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 4.82389	61.55	PK2	34.4	-40.6	55.35	-	-	74	-18.65	62	253	H
	* 4.82397	59.06	MAv1	34.4	-40.6	52.86	54	-1.14	-	-	62	253	H
2	7.23752	56.23	PK2	36.1	-38.6	53.73	-	-	-	-	269	249	H
6	* 4.2983	48.21	PK2	33.6	-41.8	40.01	-	-	74	-33.99	174	209	H
	* 4.29967	36.92	MAv1	33.6	-41.8	28.72	54	-25.28	-	-	174	209	H
3	* 4.82391	59.82	PK2	34.4	-40.6	53.62	-	-	74	-20.38	243	195	V
	* 4.82394	56.72	MAv1	34.4	-40.6	50.52	54	-3.48	-	-	243	195	V
4	7.23682	54.52	PK2	36.1	-38.7	51.92	-	-	-	-	314	121	V
5	* 12.06032	45.82	PK2	39	-35	49.82	-	-	74	-24.18	79	122	V
	* 12.06074	36.92	MAv1	39	-35	40.92	54	-13.08	-	-	79	122	V

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

PK2 - KDB558074 Method: Maximum Peak

MAv1 - KDB558074 Option 1 Maximum RMS Average

MID CHANNEL, CH 6 RESULTS



RADIATED EMISSIONS

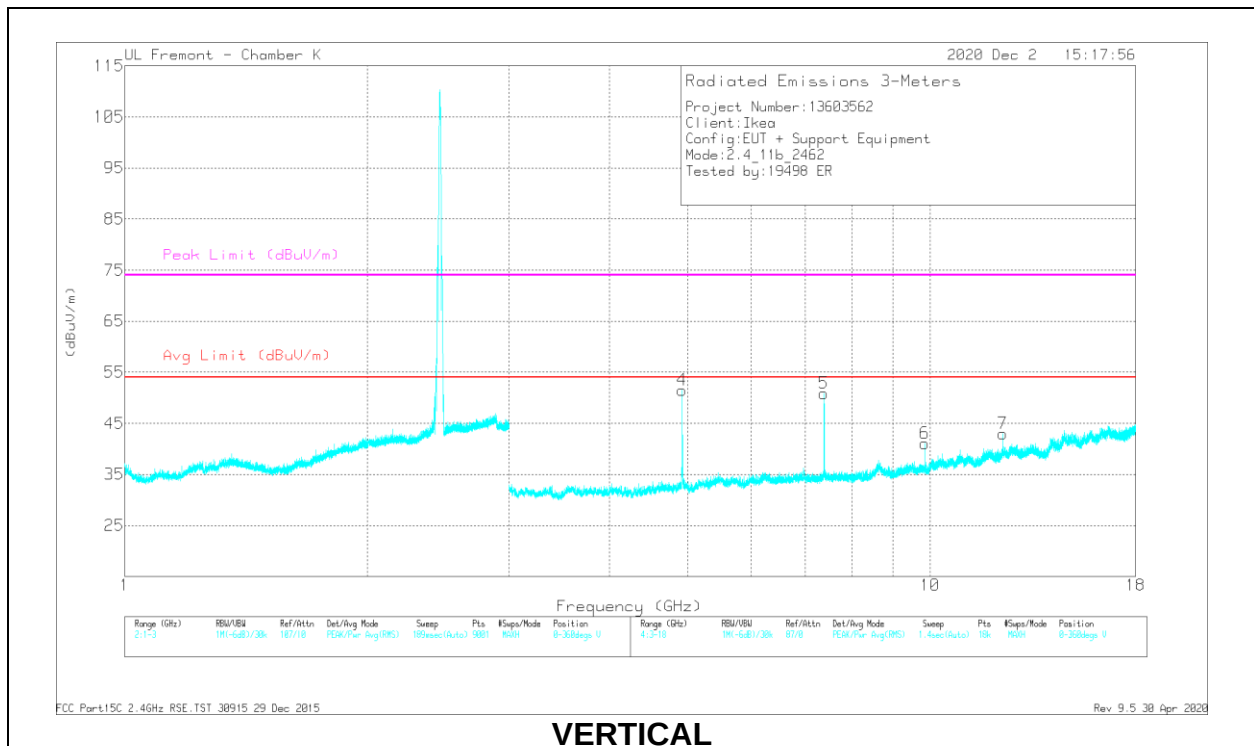
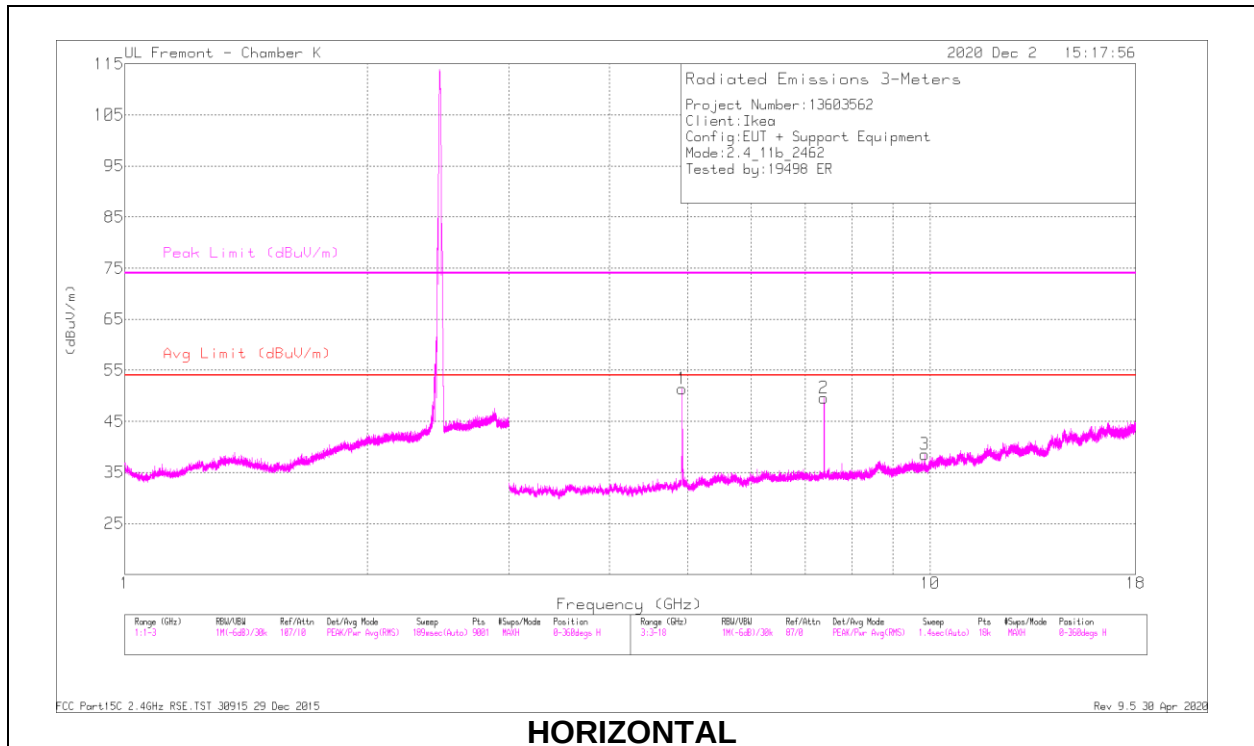
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T863 (dB/m)	Amp/Cbl/Fitr/Pad (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 4.87395	60.92	PK2	34.4	-40.7	54.62	-	-	74	-19.38	58	247	H
	* 4.87396	59.01	MAV1	34.4	-40.7	52.71	54	-1.29	-	-	58	247	H
3	9.74782	49.22	PK2	37	-36.7	49.52	-	-	-	-	82	99	H
2	* 7.31178	57.55	PK2	36.1	-38.3	55.35	-	-	74	-18.65	260	286	H
	* 7.31191	53.51	MAV1	36.1	-38.3	51.31	54	-2.69	-	-	260	286	H
4	* 4.874	59.47	PK2	34.4	-40.7	53.17	-	-	74	-20.83	238	217	V
	* 4.87396	57.44	MAV1	34.4	-40.7	51.14	54	-2.86	-	-	238	217	V
5	* 7.31176	55.66	PK2	36.1	-38.3	53.46	-	-	74	-20.54	205	199	V
	* 7.31191	51.15	MAV1	36.1	-38.3	48.95	54	-5.05	-	-	205	199	V
6	9.74786	48.83	PK2	37	-36.7	49.13	-	-	-	-	74	193	V

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

PK2 - KDB558074 Method: Maximum Peak

MAV1 - KDB558074 Option 1 Maximum RMS Average

HIGH CHANNEL, CH 11 RESULTS



RADIATED EMISSIONS

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T863 (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	* 4.92391	61.01	PK2	34.4	-40.7	54.71	-	-	74	-19.29	232	110	H
	* 4.92391	58.22	MAv1	34.4	-40.7	51.92	54	-2.08	-	-	232	110	H
2	* 7.38509	54.93	PK2	36	-38	52.93	-	-	74	-21.07	81	105	H
	* 7.385	50.41	MAv1	36	-38	48.41	54	-5.59	-	-	81	105	H
3	9.8479	46.87	PK2	37	-36.5	47.37	-	-	-	-	55	106	H
4	* 4.92392	60.75	PK2	34.4	-40.7	54.45	-	-	74	-19.55	247	197	V
	* 4.92398	57.76	MAv1	34.4	-40.7	51.46	54	-2.54	-	-	247	197	V
5	* 7.3865	55.43	PK2	36	-38	53.43	-	-	74	-20.57	191	213	V
	* 7.38512	50.85	MAv1	36	-38	48.85	54	-5.15	-	-	191	213	V
7	* 12.31001	44.69	PK2	39.3	-34.1	49.89	-	-	74	-24.11	83	145	V
	* 12.31064	34.77	MAv1	39.3	-34	40.07	54	-13.93	-	-	83	145	V
6	9.84782	48.13	PK2	37	-36.5	48.63	-	-	-	-	134	109	V

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

PK2 - KDB558074 Method: Maximum Peak

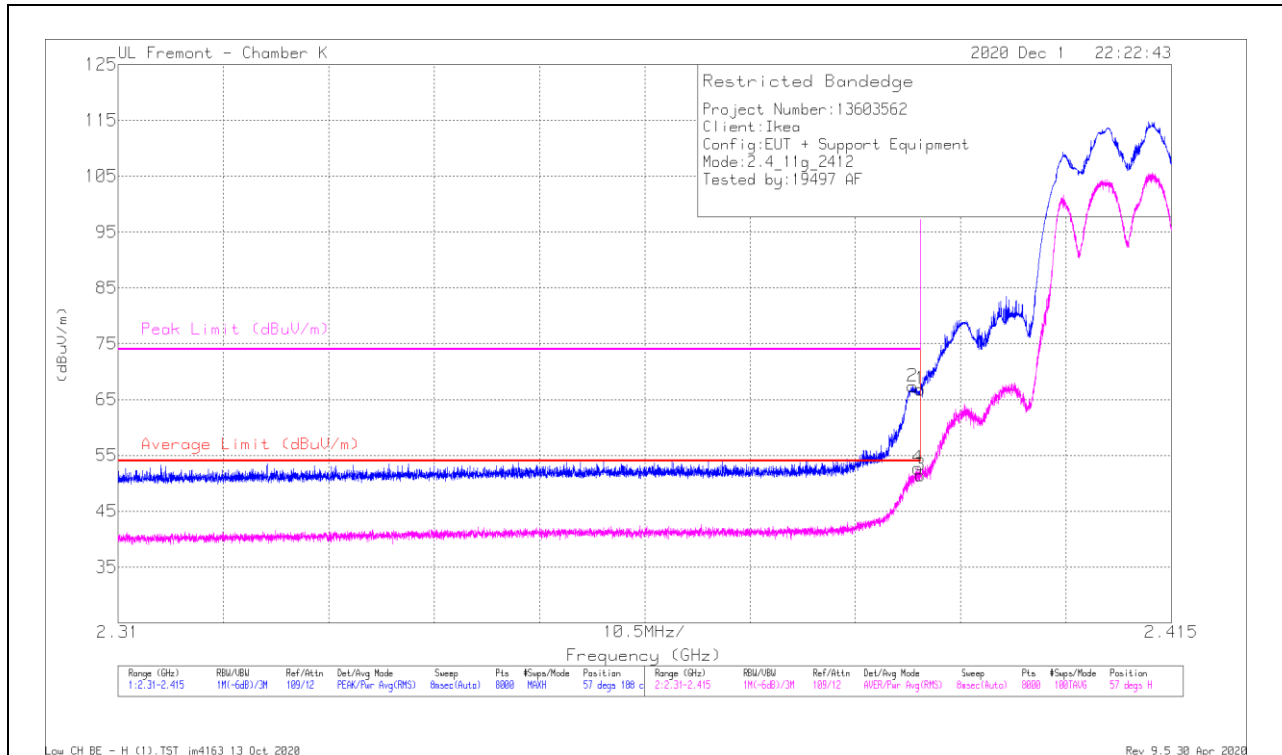
MAv1 - KDB558074 Option 1 Maximum RMS Average

10.1.2. TX ABOVE 1 GHz 802.11g MODE IN THE 2.4 GHz BAND

2TX Antenna 1 + Antenna 2 CDD MODE

BANDEDGE (LOW CHANNEL, CH 1)

HORIZONTAL RESULT



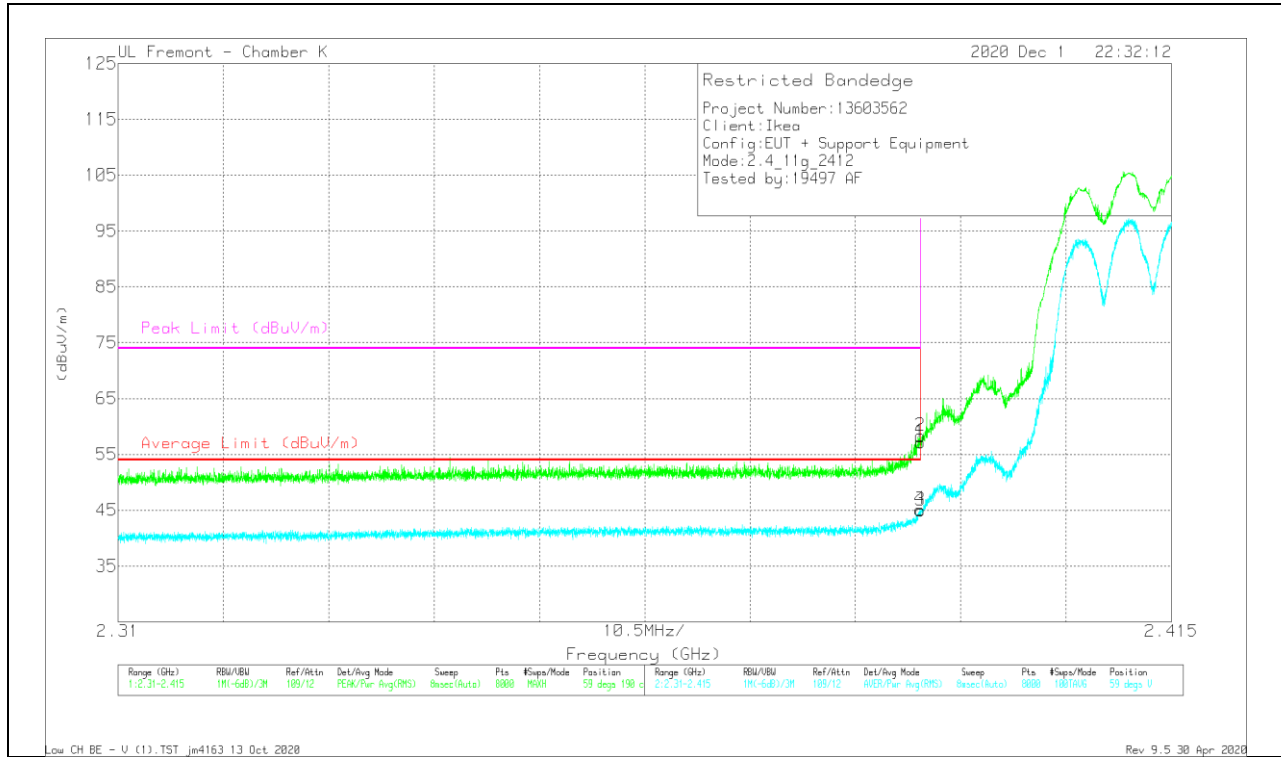
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T863 (dB/m)	Amp/Cbl/Ftr/Pa d (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.39	46.04	Pk	32.4	-11.6	0	66.84	-	-	74	-7.16	57	188	H
2	* 2.3892	46.56	Pk	32.4	-11.6	0	67.36	-	-	74	-6.64	57	188	H
3	* 2.39	30.6	RMS	32.4	-11.6	1.21	52.61	54	-1.39	-	-	57	188	H
4	* 2.38972	31.91	RMS	32.4	-11.6	1.21	53.92	54	-0.08	-	-	57	188	H

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

Pk - Peak detector

RMS - RMS detection

VERTICAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T863 (dB/m)	Amp/Cbll/Filt/Pa d (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.39	36.36	Pk	32.4	-11.6	0	57.16	-	-	74	-16.84	59	190	V
2	* 2.38997	37.52	Pk	32.4	-11.6	0	58.32	-	-	74	-15.68	59	190	V
3	* 2.39	24.2	RMS	32.4	-11.6	1.21	46.21	54	-7.79	-	-	59	190	V
4	* 2.38994	24.34	RMS	32.4	-11.6	1.21	46.35	54	-7.65	-	-	59	190	V

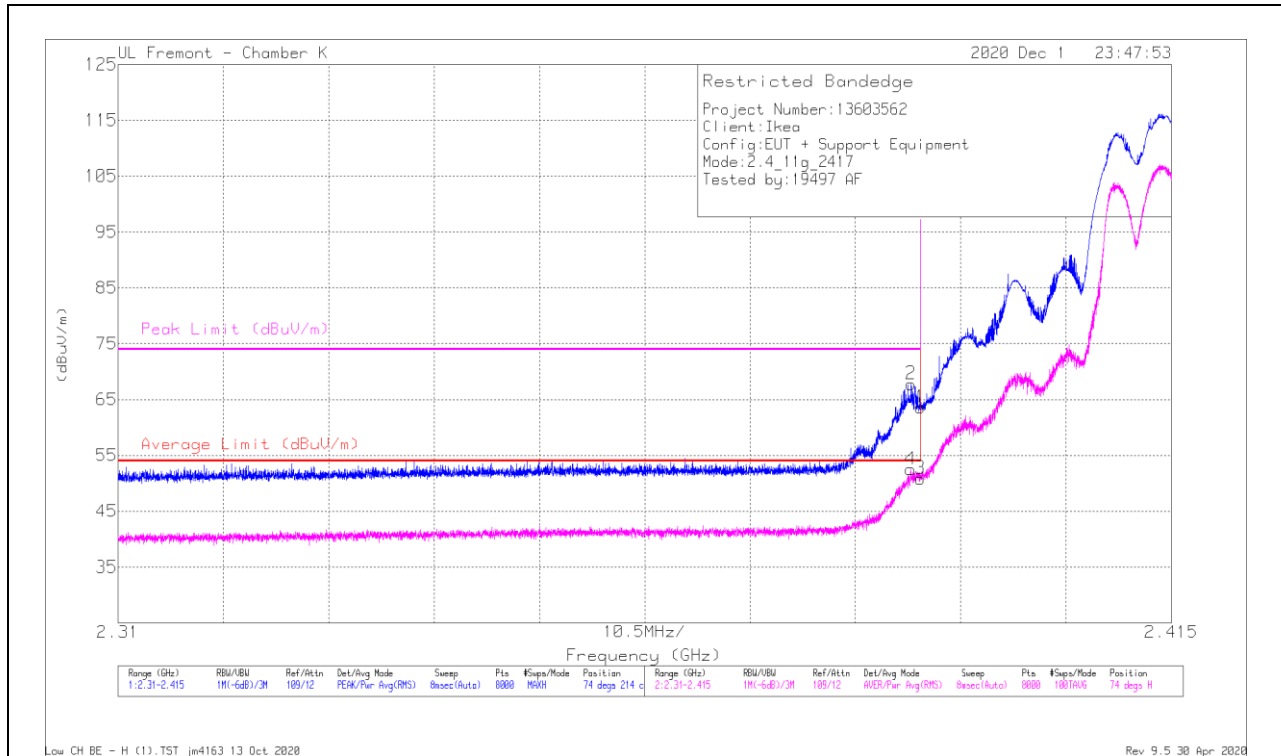
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

Pk - Peak detector

RMS - RMS detection

BANDEDGE (LOW CHANNEL, CH 2)

HORIZONTAL RESULT



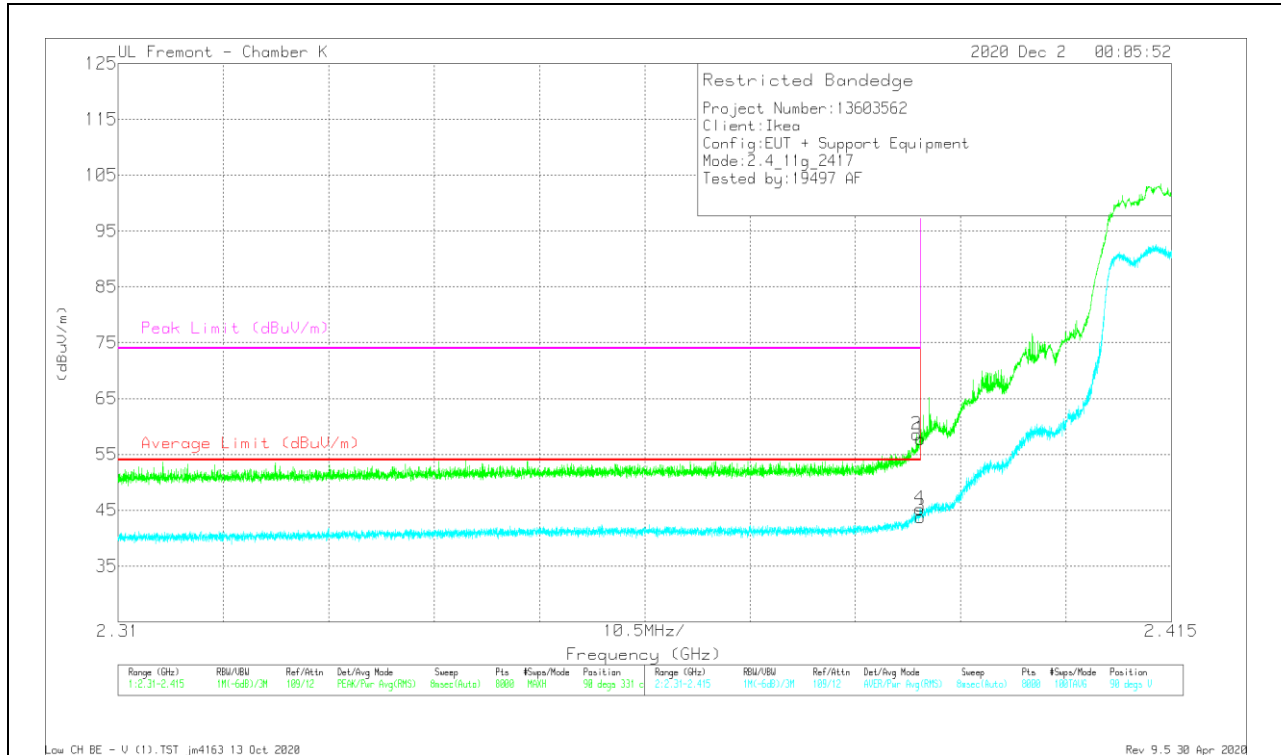
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T863 (dB/m)	Amp/Cbll/Filt/Pa d (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.39	42.79	Pk	32.4	-11.6	0	63.59	-	-	74	-10.41	74	214	H
2	* 2.38902	46.95	Pk	32.4	-11.6	0	67.75	-	-	74	-6.25	74	214	H
3	* 2.39	30.03	RMS	32.4	-11.6	1.21	52.04	54	-1.96	-	-	74	214	H
4	* 2.38901	31.71	RMS	32.4	-11.6	1.21	53.72	54	-0.28	-	-	74	214	H

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

Pk - Peak detector

RMS - RMS detection

VERTICAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T863 (dB/m)	Ampl/Cbl/Ftr/Pa d (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.39	37.01	Pk	32.4	-11.6	0	57.81	-	-	74	-16.19	90	331	V
2	* 2.3896	37.79	Pk	32.4	-11.6	0	58.59	-	-	74	-15.41	90	331	V
3	* 2.39	23.02	RMS	32.4	-11.6	1.21	45.03	54	-8.97	-	-	90	331	V
4	* 2.38992	24.45	RMS	32.4	-11.6	1.21	46.46	54	-7.54	-	-	90	331	V

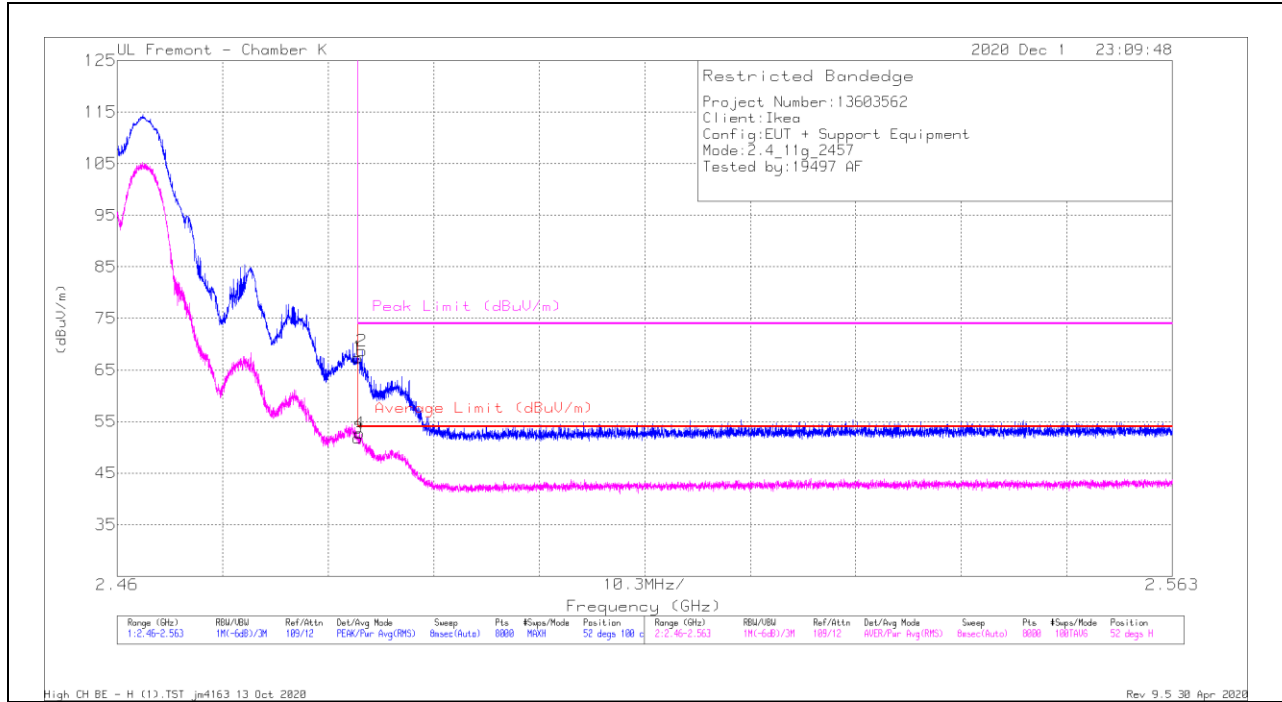
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

Pk - Peak detector

RMS - RMS detection

BANDEDGE (HIGH CHANNEL, CH 10)

HORIZONTAL RESULT



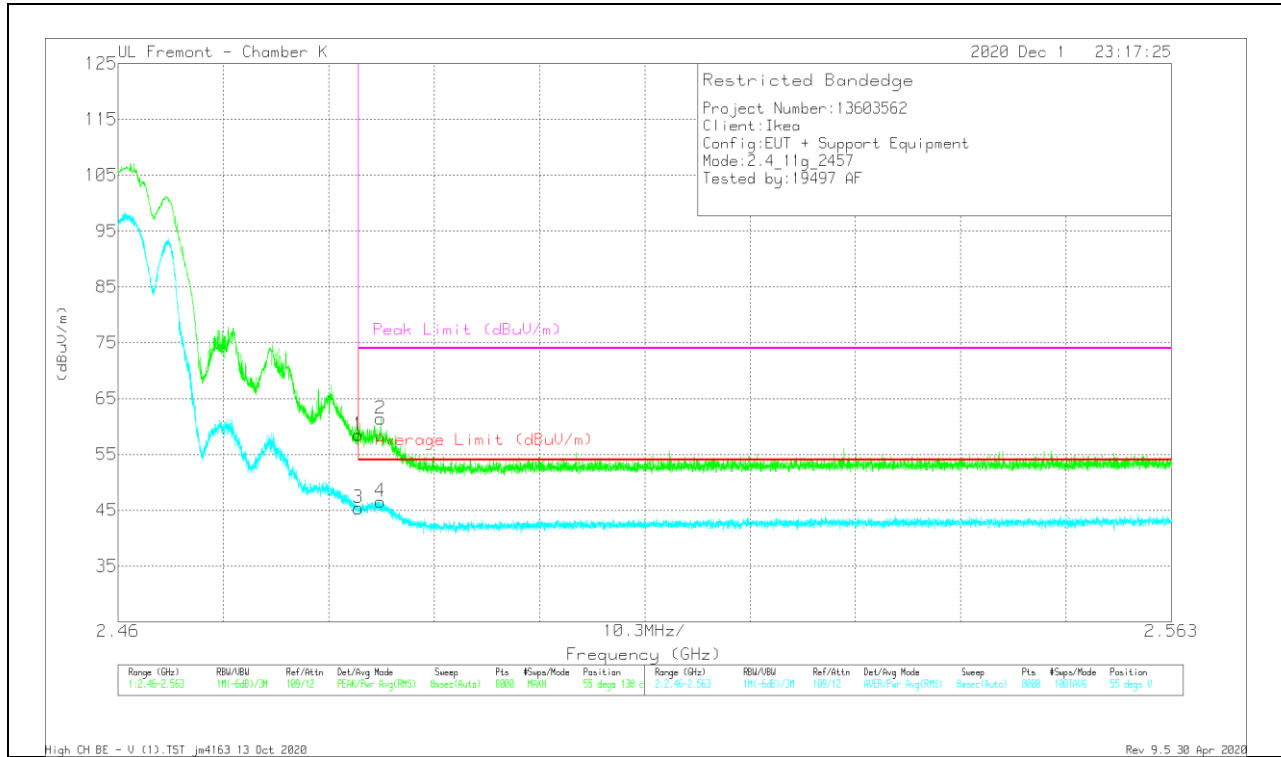
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1	* 2.4835	46.09	Pk	32.5	-11.2		67.39	-	-	74	-6.61	52	100	H
2	* 2.48389	47.38	Pk	32.5	-11.2	0	68.68	-	-	74	-5.32	52	100	H
3	* 2.4835	30.46	RMS	32.5	-11.2	1.21	52.97	54	-1.03	-	-	52	100	H
4	* 2.48367	31.43	RMS	32.5	-11.2	1.21	53.94	54	-0.06	-	-	52	100	H

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

Pk - Peak detector

RMS - RMS detection

VERTICAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T863 (dB/m)	Amp/CbllFtr/Pa d (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.4835	37.19	Pk	32.5	-11.2	0	58.49	-	-	74	-15.51	55	138	V
2	* 2.48566	40.1	Pk	32.5	-11.2	0	61.4	-	-	74	-12.6	55	138	V
3	* 2.4835	24.09	RMS	32.5	-11.2	1.21	46.60	54	-7.40	-	-	55	138	V
4	* 2.48561	25.25	RMS	32.5	-11.2	1.21	47.76	54	-6.24	-	-	55	138	V

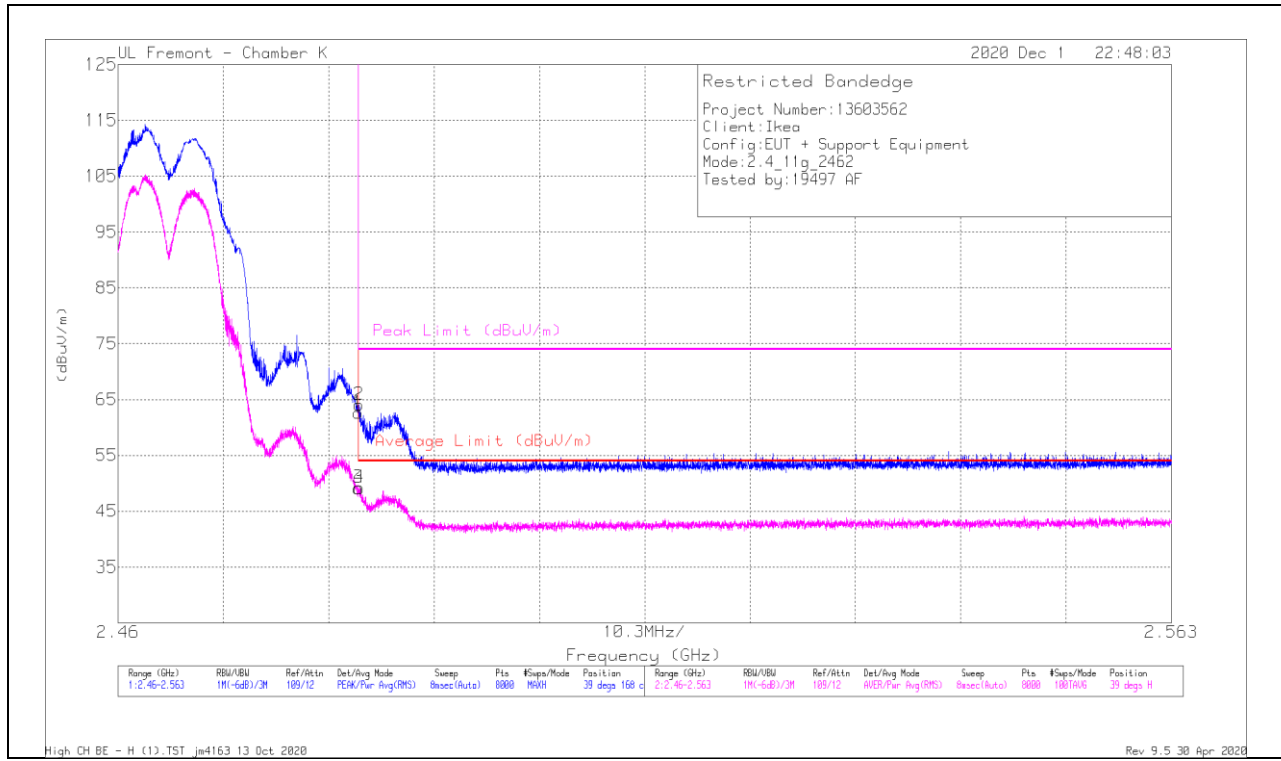
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

Pk - Peak detector

RMS - RMS detection

BANDEDGE (HIGH CHANNEL, CH 11)

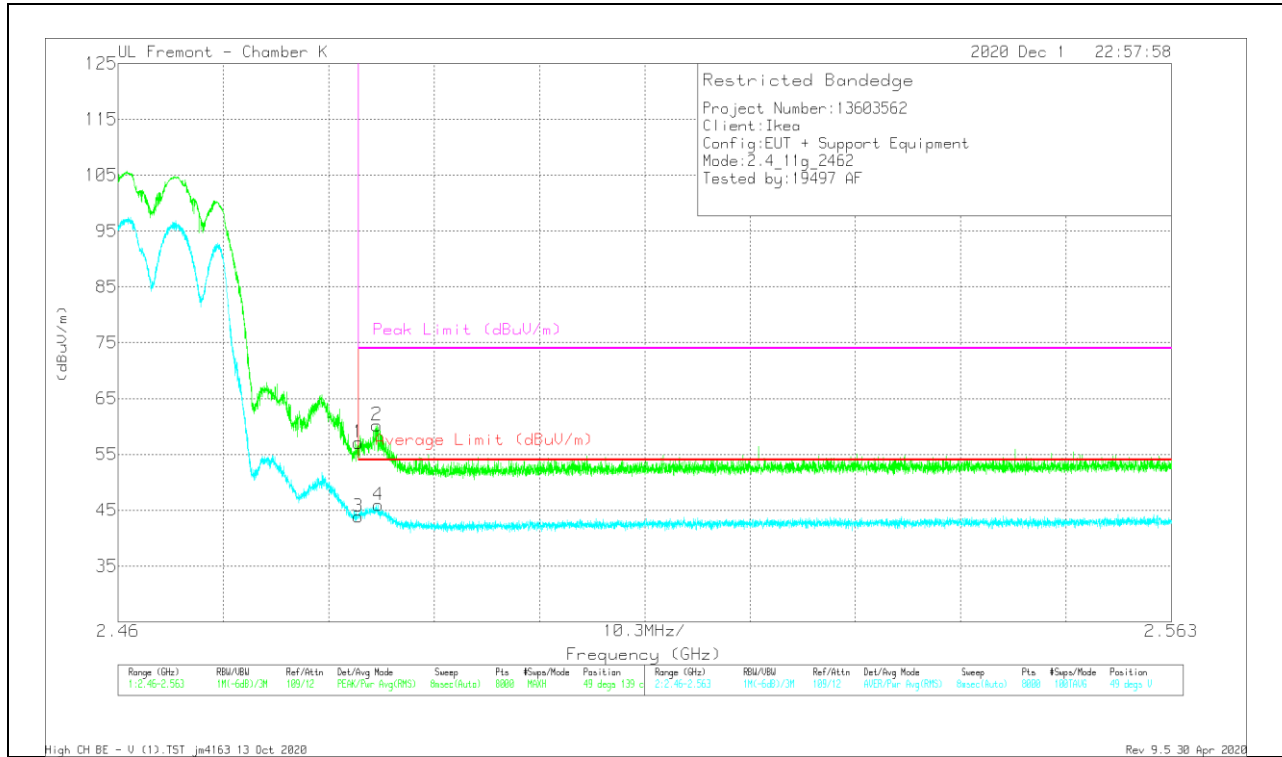
HORIZONTAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T863 (dB/m)	Amp/Cbll/Filt/Pa d (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.4835	41.32	Pk	32.5	-11.2	0	62.62	-	-	74	-11.38	39	168	H
2	* 2.48355	42.76	Pk	32.5	-11.2	0	64.06	-	-	74	-9.94	39	168	H
3	* 2.4835	27.87	RMS	32.5	-11.2	1.21	50.38	54	-3.62	-	-	39	168	H
4	* 2.48358	27.87	RMS	32.5	-11.2	1.21	50.38	54	-3.62	-	-	39	168	H

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

VERTICAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T863 (dB/m)	AmplCbl/Ftr/Pa d (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.4835	35.79	Pk	32.5	-11.2	0	57.09	-	-	74	-16.91	49	139	V
2	* 2.4853	38.92	Pk	32.5	-11.2	0	60.22	-	-	74	-13.78	49	139	V
3	* 2.4835	22.55	RMS	32.5	-11.2	1.21	45.06	54	-8.94	-	-	49	139	V
4	* 2.48543	24.63	RMS	32.5	-11.2	1.21	47.14	54	-6.86	-	-	49	139	V

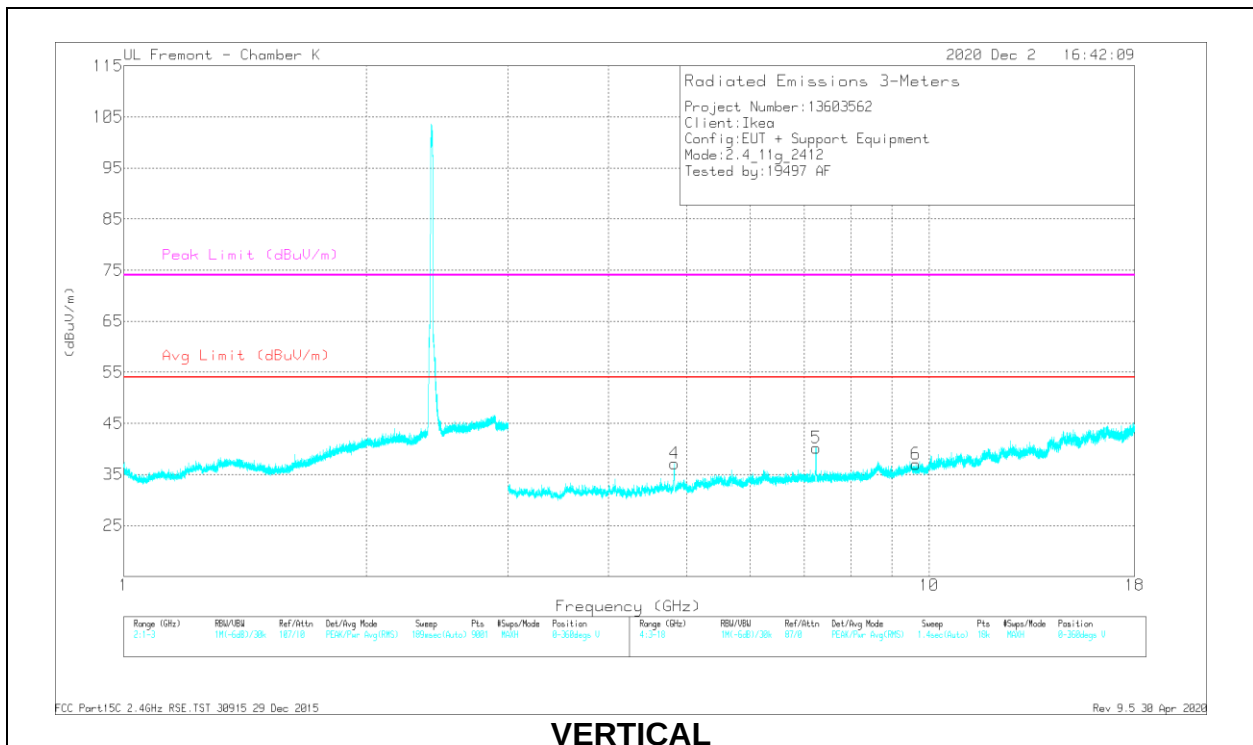
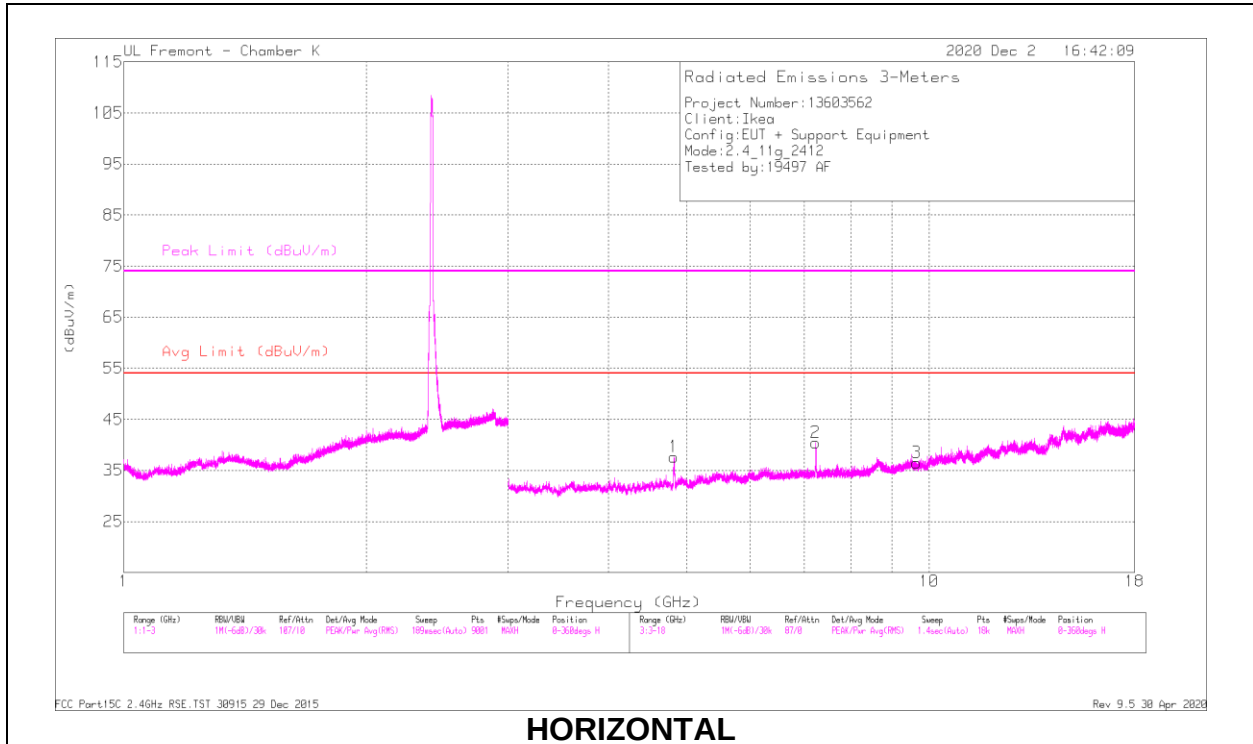
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

Pk - Peak detector

RMS - RMS detection

HARMONICS AND SPURIOUS EMISSIONS

LOW CHANNEL, CH 1 RESULTS



RADIATED EMISSIONS

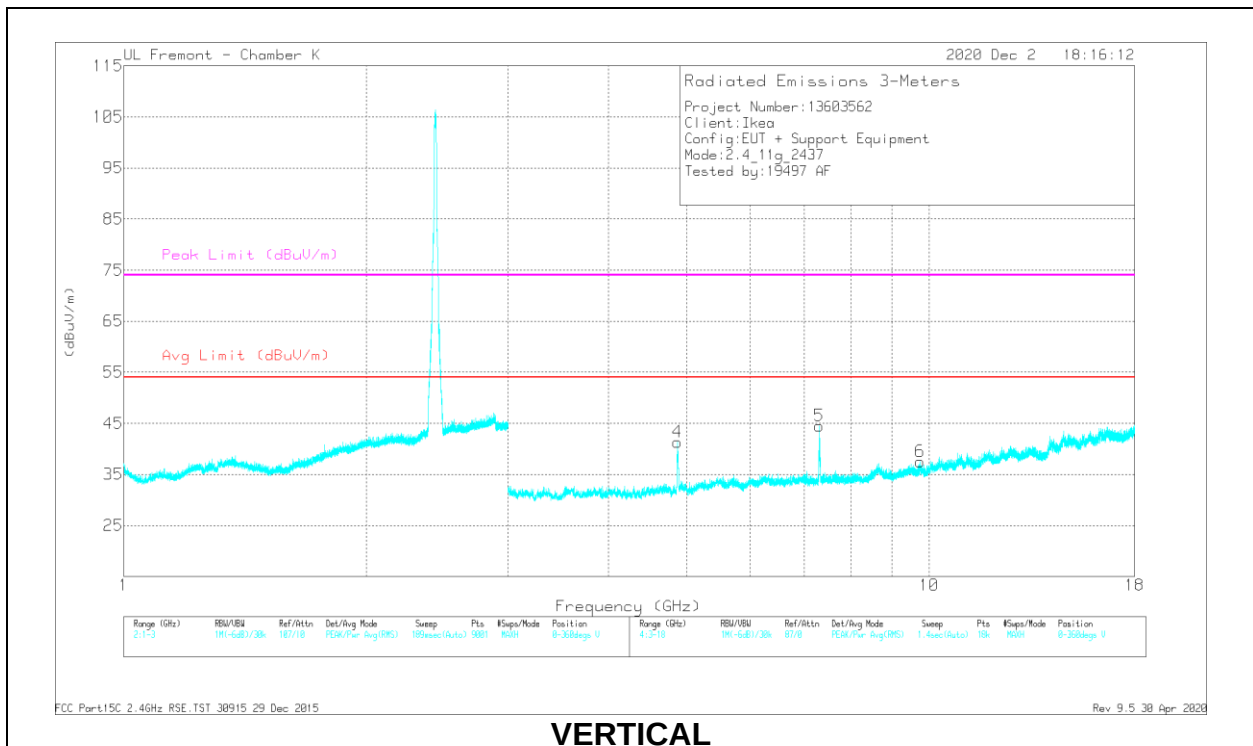
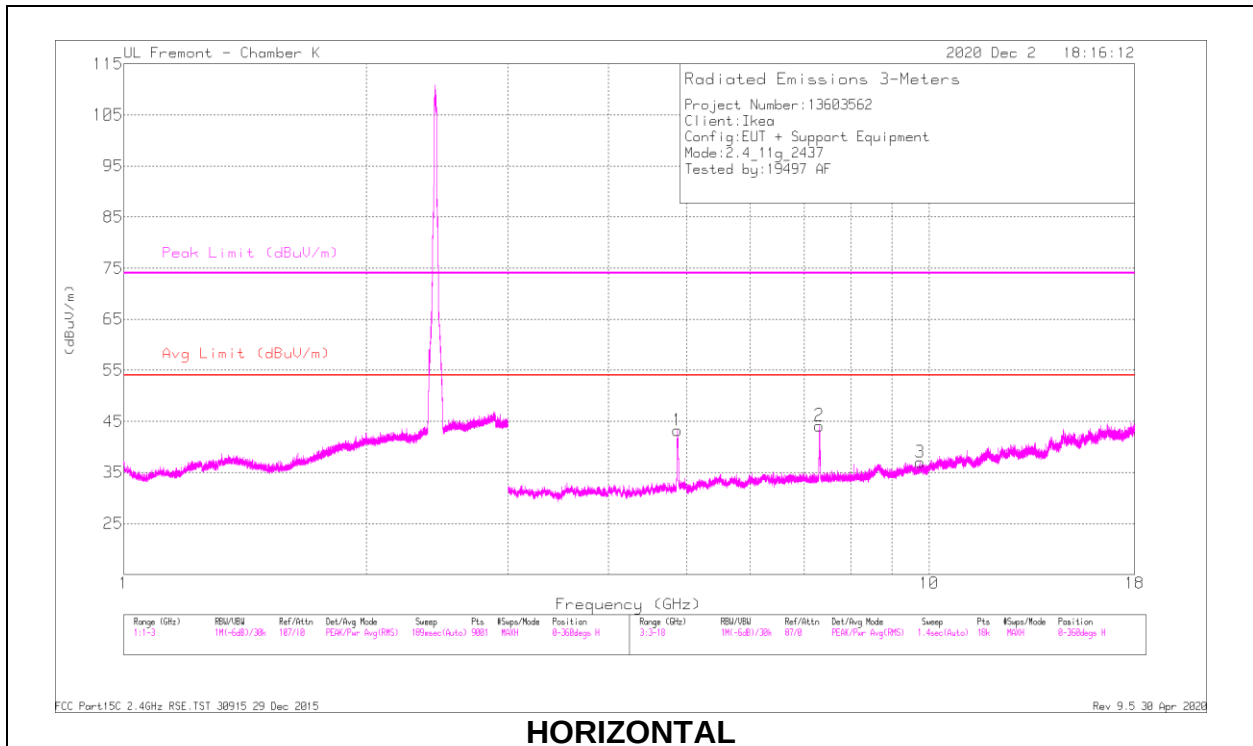
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T863 (dB/m)	Amp/Cbl/Fitr/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 4.8213	53.92	PK2	34.4	-40.6	0	47.72	-	-	74	-26.28	99	126	H
	* 4.82204	39.05	MAv1	34.4	-40.6	1.21	34.06	54	-19.94	-	-	99	126	H
2	7.23354	55.43	PK2	36.1	-38.7	0	52.83	-	-	-	-	269	273	H
3	9.65183	44.84	PK2	36.9	-36.8	0	44.94	-	-	-	-	78	174	H
4	* 4.82752	50.99	PK2	34.4	-40.6	0	44.79	-	-	74	-29.21	251	220	V
	* 4.82774	38.85	MAv1	34.4	-40.6	1.21	33.86	54	-20.14	-	-	251	220	V
5	7.23867	51.91	PK2	36	-38.6	0	49.31	-	-	-	-	223	207	V
6	9.63734	43.73	PK2	36.9	-36.8	0	43.83	-	-	-	-	37	386	V

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

PK2 - KDB558074 Method: Maximum Peak

MAv1 - KDB558074 Option 1 Maximum RMS Average

MID CHANNEL, CH 6 RESULTS



RADIATED EMISSIONS

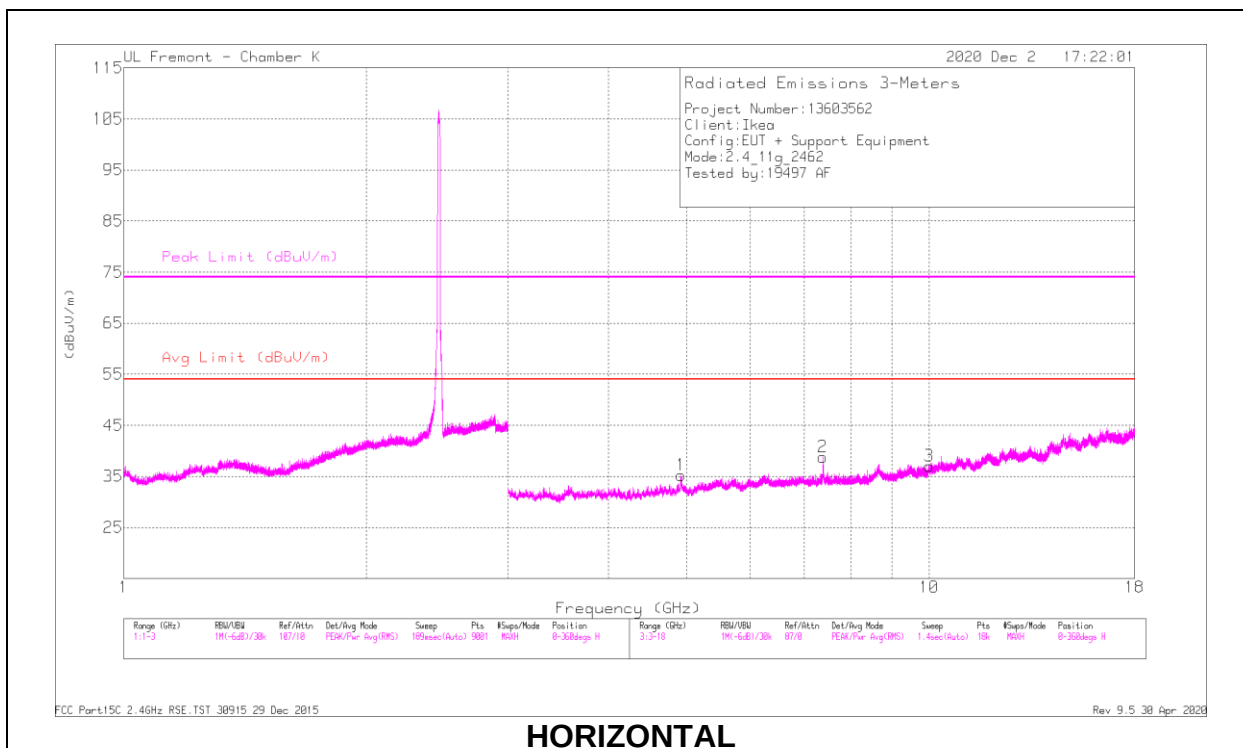
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T863 (dB/m)	Ampl/Cbl/Filtr/ Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
3	9.7527	44.46	PK2	37	-36.7	0	44.76	-	-	-	-	137	192	H
1	* 4.87127	57.21	PK2	34.3	-40.7	0	50.81	-	-	74	-23.19	97	109	H
	* 4.87258	43.05	MAv1	34.4	-40.7	1.21	37.96	54	-16.04	-	-	97	109	H
2	* 7.31021	55.95	PK2	36.1	-38.3	0	53.75	-	-	74	-20.25	360	97	H
	* 7.31013	39.88	MAv1	36.1	-38.3	1.21	38.89	54	-15.11	-	-	360	97	H
6	9.75151	46.26	PK2	37	-36.7	0	46.56	-	-	-	-	90	227	V
4	* 4.87224	55.27	PK2	34.4	-40.7	0	48.97	-	-	74	-25.03	254	221	V
	* 4.87195	41.48	MAv1	34.4	-40.7	1.21	36.39	54	-17.61	-	-	254	221	V
5	* 7.3037	53.87	PK2	36.1	-38.4	0	51.57	-	-	74	-22.43	283	101	V
	* 7.30382	39.76	MAv1	36.1	-38.4	1.21	38.67	54	-15.33	-	-	283	101	V

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

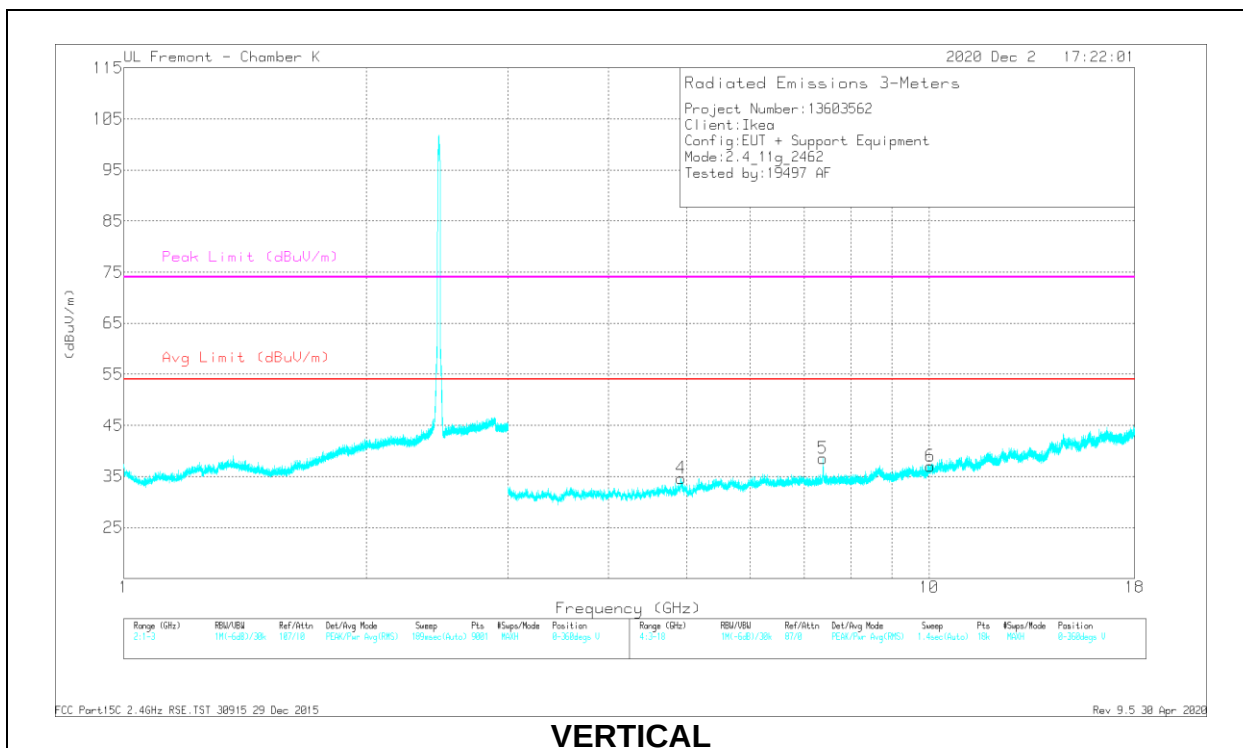
PK2 - KDB558074 Method: Maximum Peak

MAv1 - KDB558074 Option 1 Maximum RMS Average

HIGH CHANNEL, CH 11 RESULTS



HORIZONTAL



VERTICAL

RADIATED EMISSIONS

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T863 (dB/m)	Ampl/Cbl/Filtr/ Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
3	10.00538	45.41	PK2	37.2	-36.8	0	45.81	-	-	-	-	55	281	H
1	* 4.92213	50.05	PK2	34.3	-40.7	0	43.65	-	-	74	-30.35	102	123	H
	* 4.92295	38.02	MAv1	34.3	-40.7	1.21	32.83	54	-21.17	-	-	102	123	H
2	* 7.38429	48.13	PK2	36	-38	0	46.13	-	-	74	-27.87	39	106	H
	* 7.38444	35.98	MAv1	36	-38	1.21	35.19	54	-18.81	-	-	39	106	H
6	10.03168	45.56	PK2	37.1	-36.9	0	45.76	-	-	-	-	197	387	V
4	* 4.92367	51.15	PK2	34.3	-40.7	0	44.75	-	-	74	-29.25	249	201	V
	* 4.92418	38.2	MAv1	34.4	-40.7	1.21	33.11	54	-20.89	-	-	249	201	V
5	* 7.38405	45.27	PK2	36	-38	0	43.27	-	-	74	-30.73	151	107	V
	* 7.38544	33.32	MAv1	36	-38	1.21	32.53	54	-21.47	-	-	151	107	V

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

PK2 - KDB558074 Method: Maximum Peak

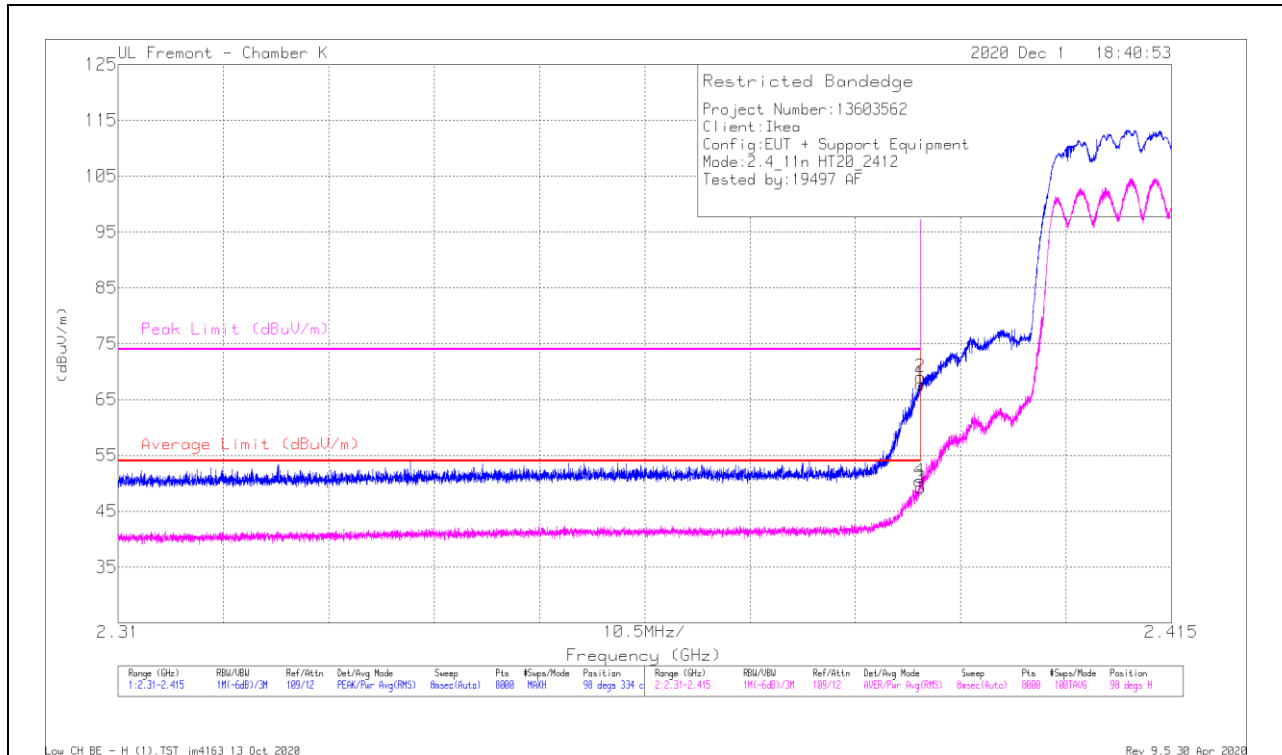
MAv1 - KDB558074 Option 1 Maximum RMS Average

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

2TX Antenna 1 + Antenna 2 CDD MODE

BANDEDGE (LOW CHANNEL, CH 1)

HORIZONTAL RESULT



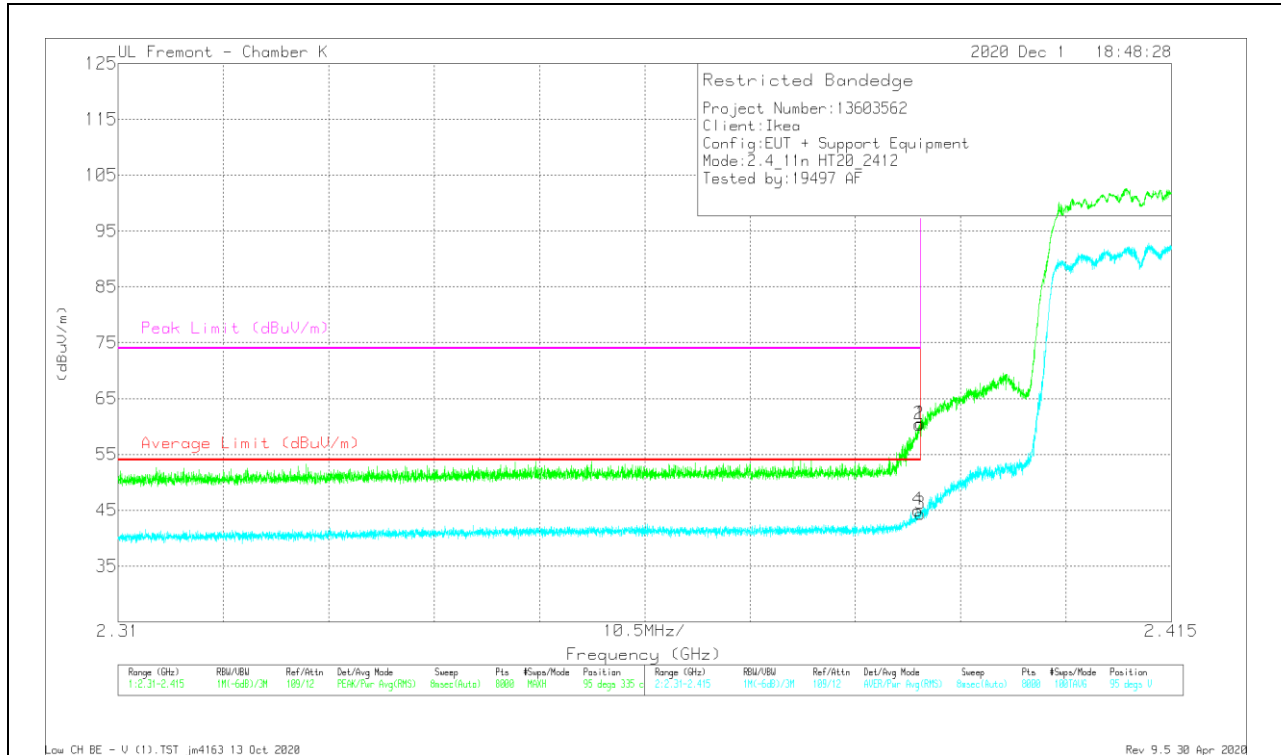
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T83 (dBm)	Amp/CD/Fit/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Altitude (Degs)	Height (cm)	Polarity
1	* 2.39	46.93	Pk	32.4	-11.6	0	67.73	-	-	74	-6.27	98	334	H
2	* 2.38996	48.22	Pk	32.4	-11.6	0	69.02	-	-	74	-4.98	98	334	H
3	* 2.39	28.31	RMS	32.4	-11.6	0.96	50.07	54	-3.93	-	-	98	334	H
4	* 2.38989	29.55	RMS	32.4	-11.6	0.96	51.31	54	-2.69	-	-	98	334	H

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

Pk - Peak detector

RMS - RMS detection

VERTICAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF 1963 (dBm)	Amp/Cal/Filt/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Altitude (Degs)	Height (cm)	Polarity
1	* 2.39	39.72	Pk	32.4	-11.6	0	60.52	-	-	74	-13.48	95	335	V
2	* 2.38985	39.58	Pk	32.4	-11.6	0	60.38	-	-	74	-13.62	95	335	V
3	* 2.39	23.45	RMS	32.4	-11.6	0.96	45.21	54	-8.79	-	-	95	335	V
4	* 2.38972	24.12	RMS	32.4	-11.6	0.96	45.88	54	-8.12	-	-	95	335	V

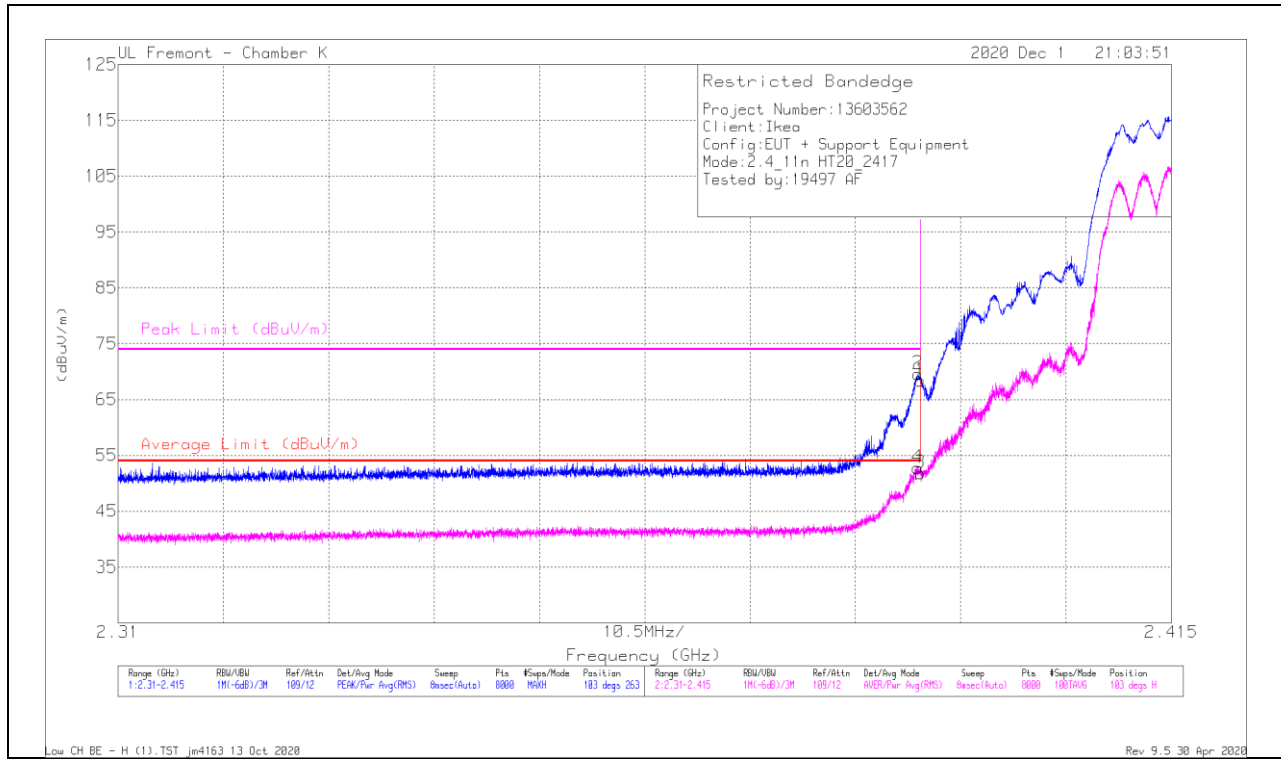
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

Pk - Peak detector

RMS - RMS detection

BANDEDGE (LOW CHANNEL, CH 2)

HORIZONTAL RESULT



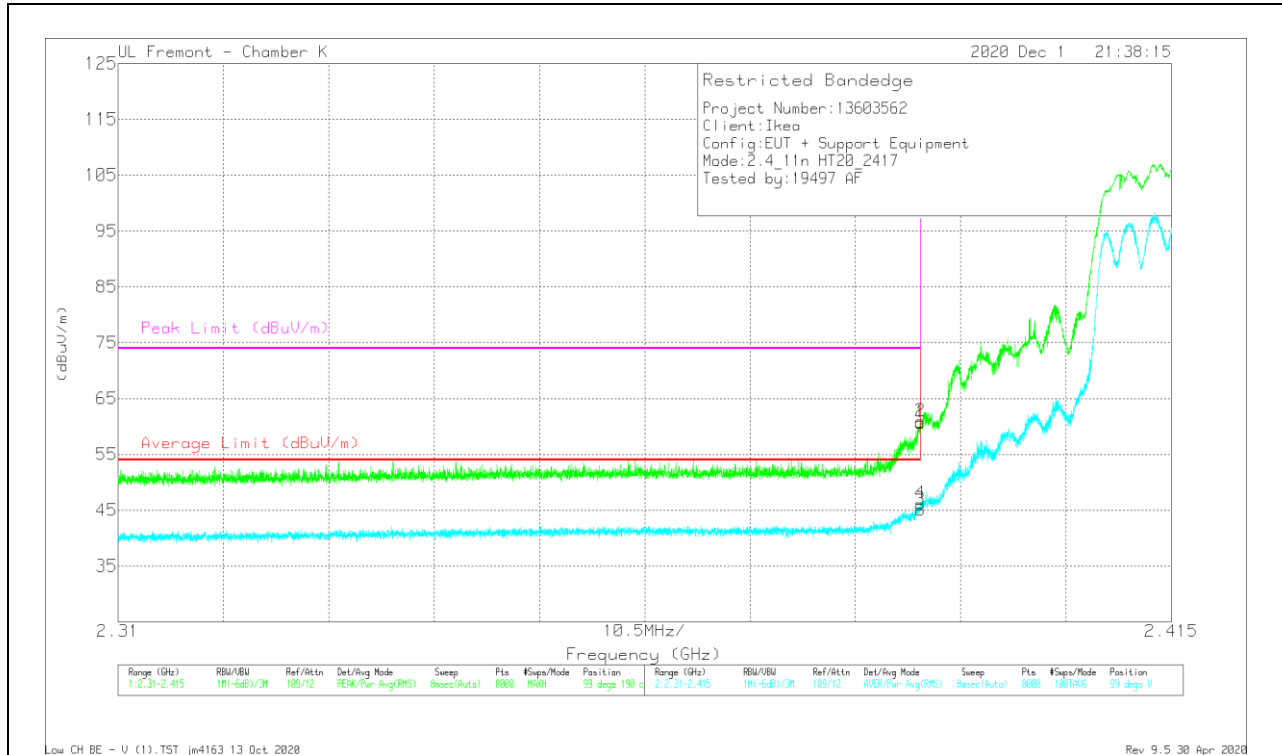
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T863 (dBm)	Amp/CM/Fit/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.39	47.63	Pk	32.4	-11.6	0	68.43	-	-	74	-5.57	103	263	H
2	* 2.38971	48.8	Pk	32.4	-11.6	0	69.6	-	-	74	-4.4	103	263	H
3	* 2.39	30.95	RMS	32.4	-11.6	0.96	52.71	54	-1.29	-	-	103	263	H
4	* 2.38969	31.88	RMS	32.4	-11.6	0.96	53.64	54	-0.36	-	-	103	263	H

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

Pk - Peak detector

RMS - RMS detection

VERTICAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T863 (dB/m)	Amp/CbllFilt/Pa d (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	39.87	Pk	32.4	-11.6	0	60.67	-	74	-13.33	99	190	V
2	* 2.38998	40.07	Pk	32.4	-11.6	0	60.87	-	74	-13.13	99	190	V
3	* 2.39	24.29	RMS	32.4	-11.6	0.96	46.05	54	-7.95	-	99	190	V
4	* 2.38996	25.31	RMS	32.4	-11.6	0.96	47.07	54	-6.93	-	99	190	V

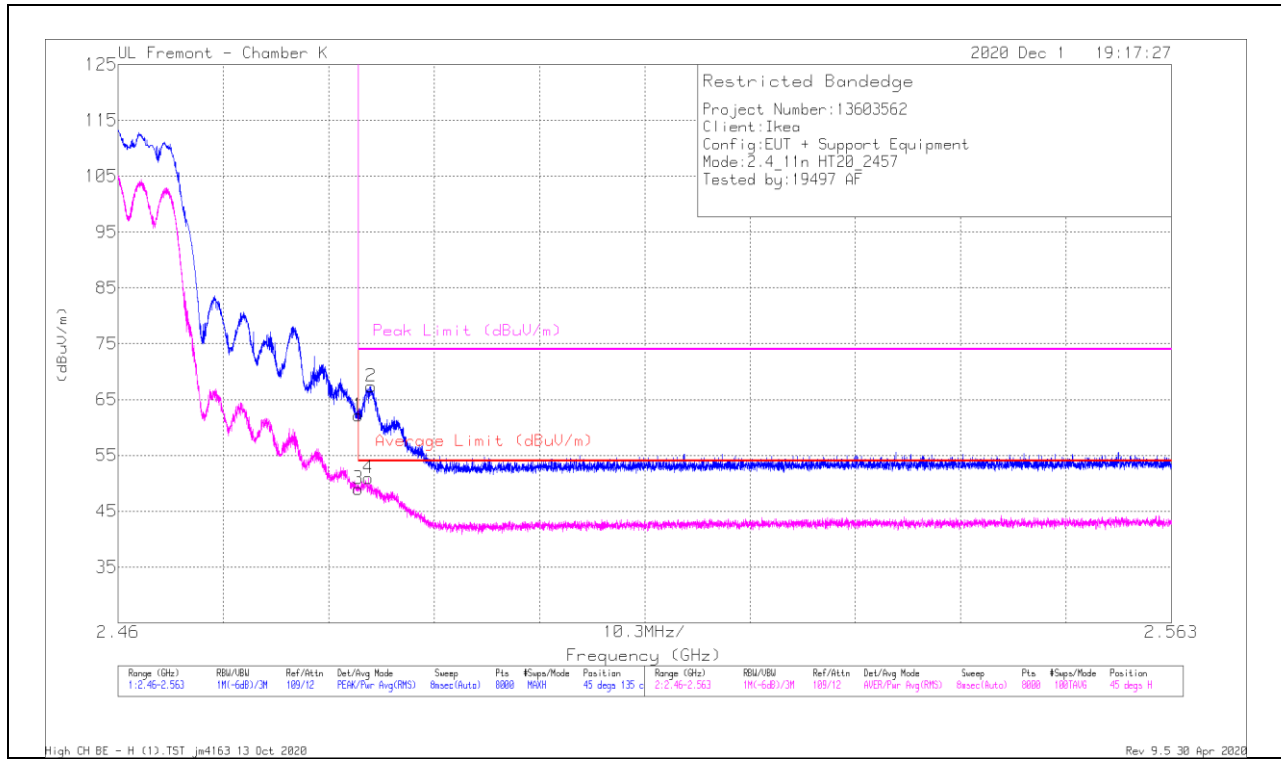
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

Pk - Peak detector

RMS - RMS detection

BANDEDGE (HIGH CHANNEL, CH 10)

HORIZONTAL RESULT



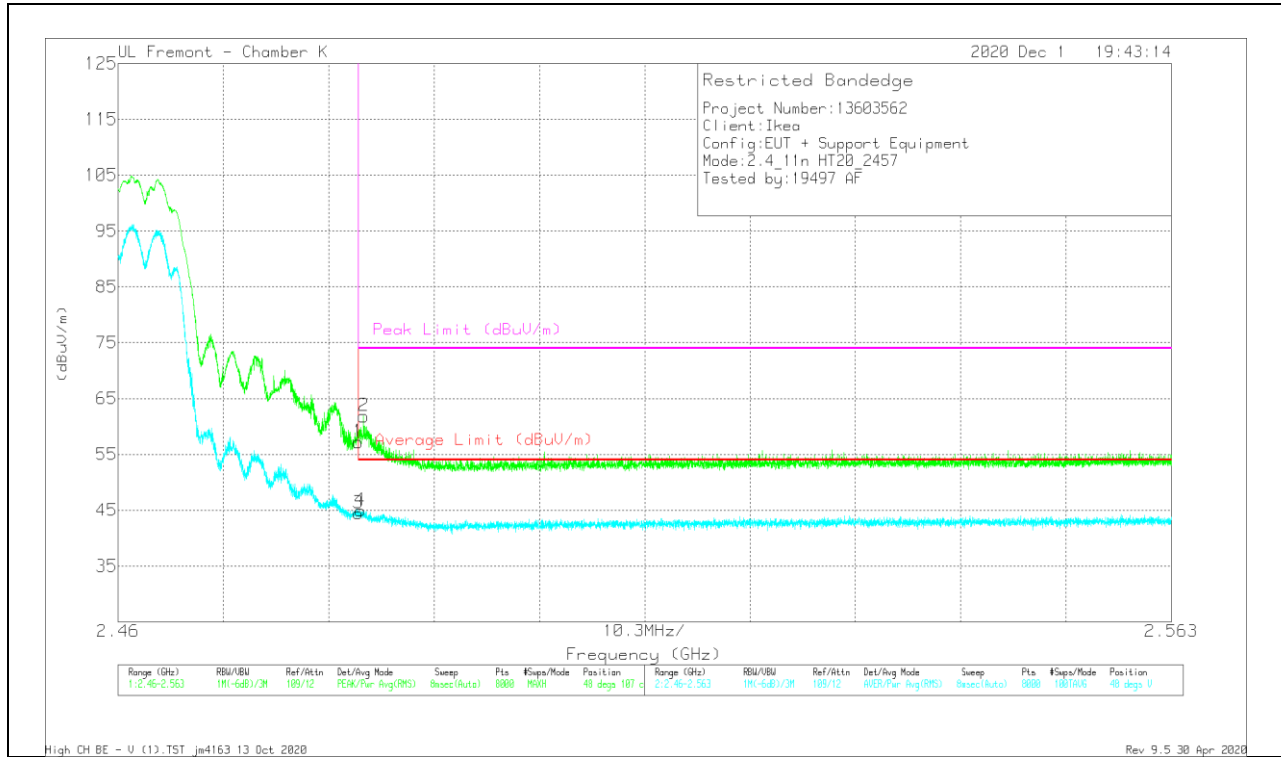
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T863 (dBm)	Amp/Cb/Fltr/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Altitude (m)	Height (m)	Polarity
1	* 2.4835	40.82	Pk	32.5	-11.2	0	62.12	-	-	74	-11.88	45	135	H
2	* 2.48474	46.07	Pk	32.5	-11.2	0	67.37	-	-	74	-6.63	45	135	H
3	* 2.4835	27.6	RMS	32.5	-11.2	0.96	49.86	54	-4.14	-	-	45	135	H
4	* 2.48447	29.53	RMS	32.5	-11.2	0.96	51.79	54	-2.21	-	-	45	135	H

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

Pk - Peak detector

RMS - RMS detection

VERTICAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF 1983 (dBm)	Amp/ChlFilt/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.4835	35.91	PK	32.5	-11.2	0	57.21	-	-	74	-16.79	48	107	V
2	* 2.484	40.54	PK	32.5	-11.2	0	61.84	-	-	74	-12.16	48	107	V
3	* 2.4835	23.06	RMS	32.5	-11.2	0.96	45.32	54	-8.68	-	-	48	107	V
4	* 2.48369	23.56	RMS	32.5	-11.2	0.96	45.82	54	-8.18	-	-	48	107	V

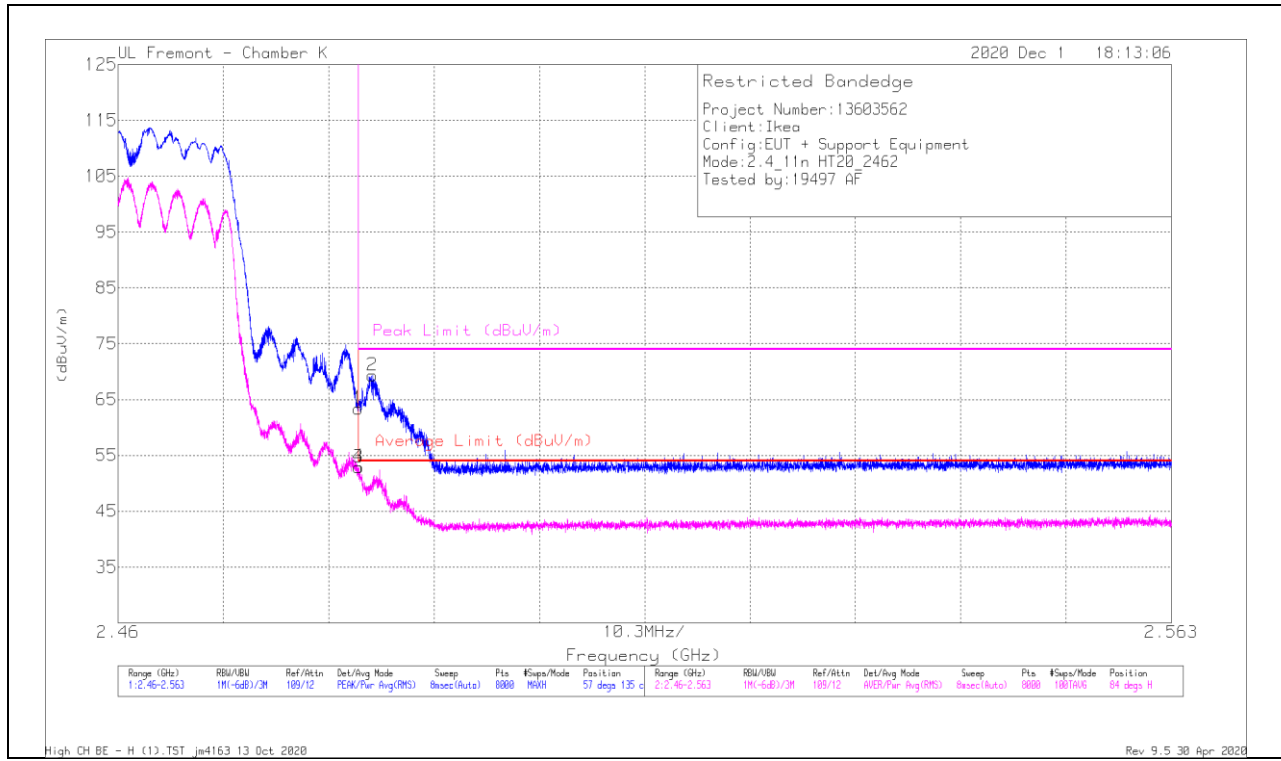
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

Pk - Peak detector

RMS - RMS detection

BANDEDGE (HIGH CHANNEL, CH 11)

HORIZONTAL RESULT



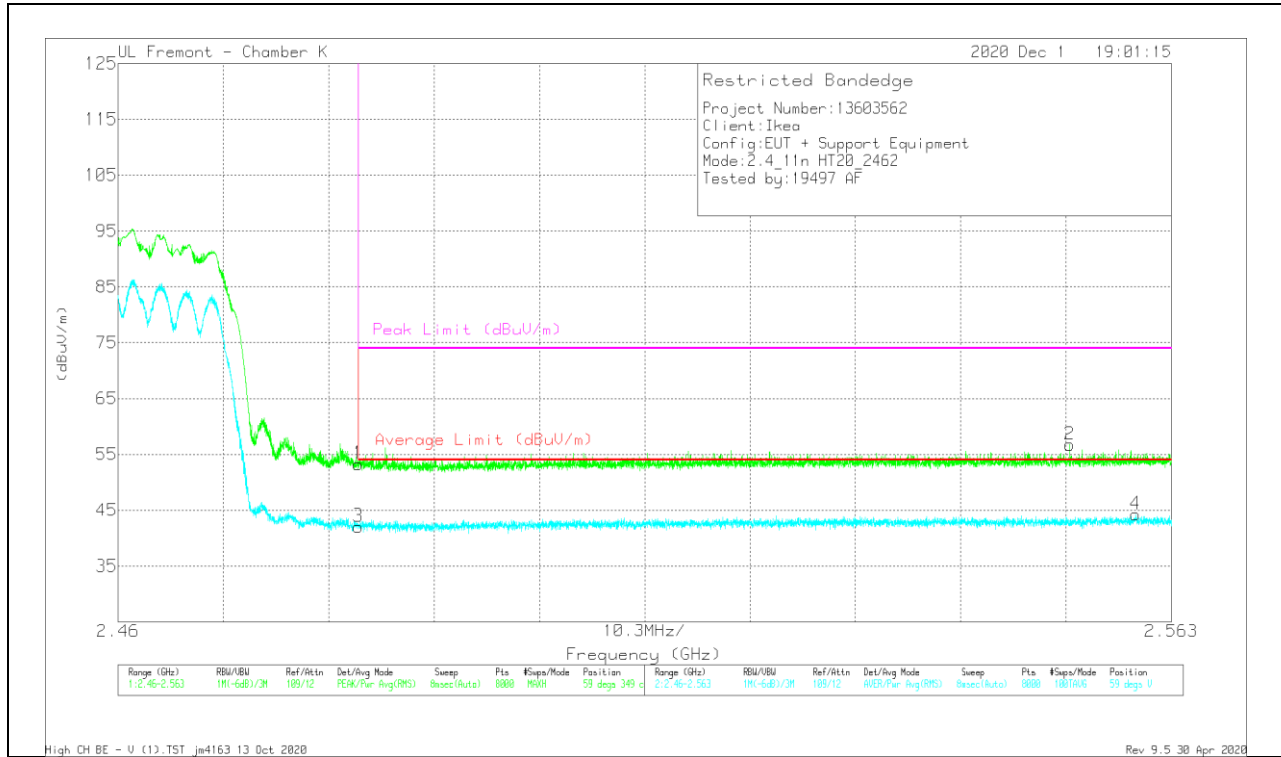
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T863 (dBm)	Amp/CM/Fit/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.4835	42.06	Pk	32.5	-11.2	0	63.36	-	-	74	-10.64	57	135	H
2	* 2.48487	47.99	Pk	32.5	-11.2	0	69.29	-	-	74	-4.71	57	135	H
3	* 2.4835	31.47	RMS	32.5	-11.2	0.96	53.73	54	-0.27	-	-	64	137	H
4	* 2.48351	31.5	RMS	32.5	-11.2	0.96	53.76	54	-0.24	-	-	64	137	H

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

Pk - Peak detector

RMS - RMS detection

VERTICAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T863 (dBm)	Amp/Chl/Ftr/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Acimuth (Degs)	Height (cm)	Polarity
1	* 2.4835	31.97	Pk	32.5	-11.2	0	53.27	-	-	74	-20.73	59	349	V
2	2.55306	35.14	Pk	32.7	-11.1	0	56.74	-	-	74	-17.26	59	349	V
3	* 2.4835	20.66	RMS	32.5	-11.2	0.96	42.92	54	-11.08	-	-	59	349	V
4	2.5595	22.45	RMS	32.7	-11	0.96	45.11	54	-8.89	-	-	59	349	V

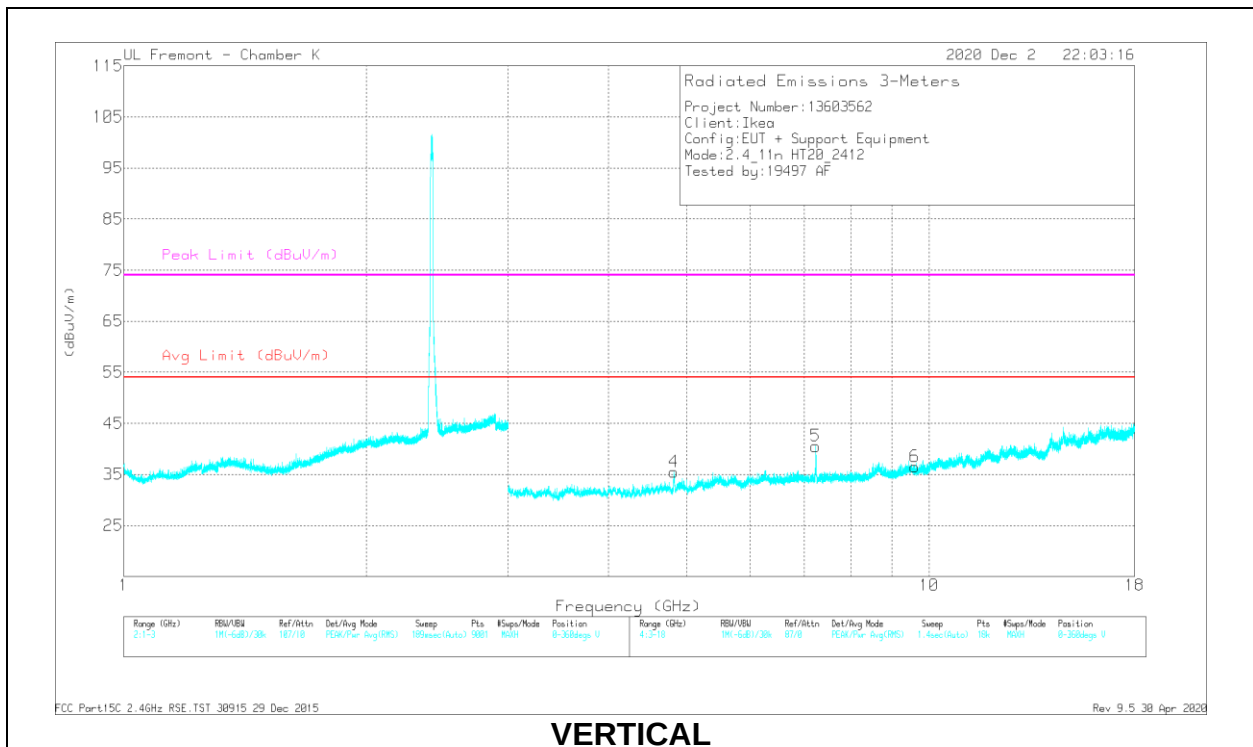
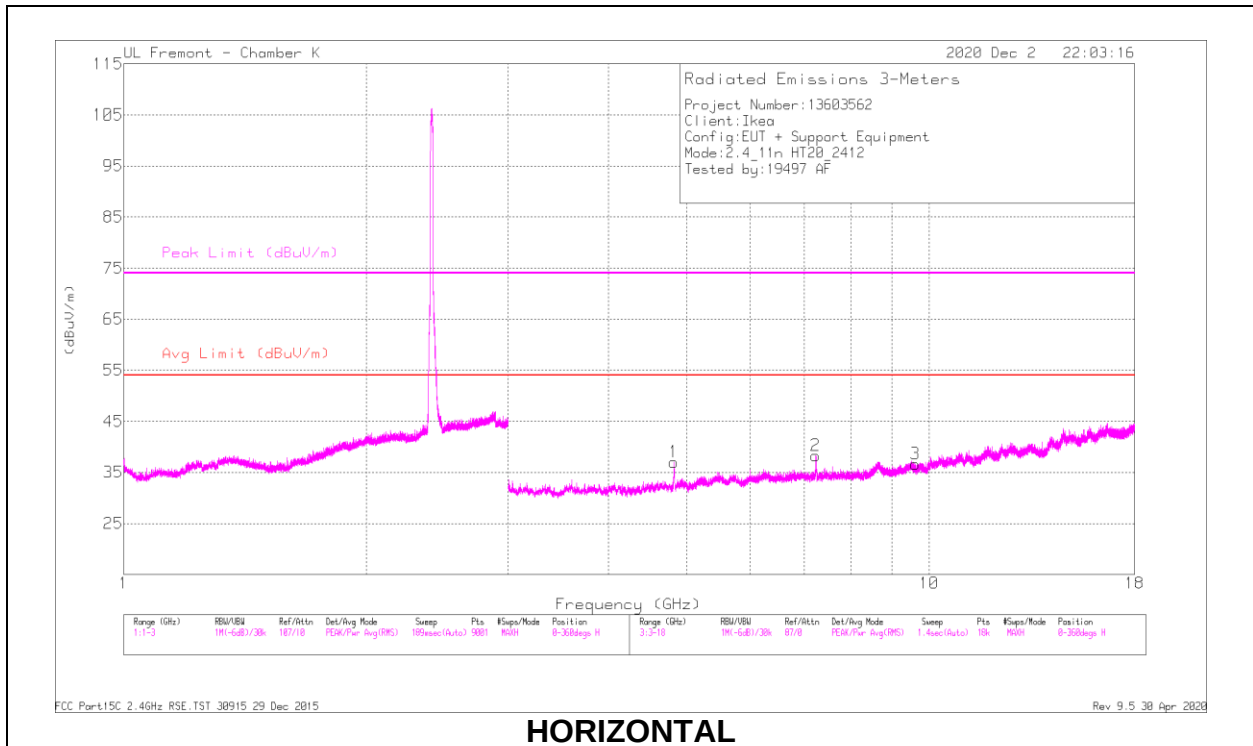
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

Pk - Peak detector

RMS - RMS detection

HARMONICS AND SPURIOUS EMISSIONS

LOW CHANNEL, CH 1 RESULTS



RADIATED EMISSIONS

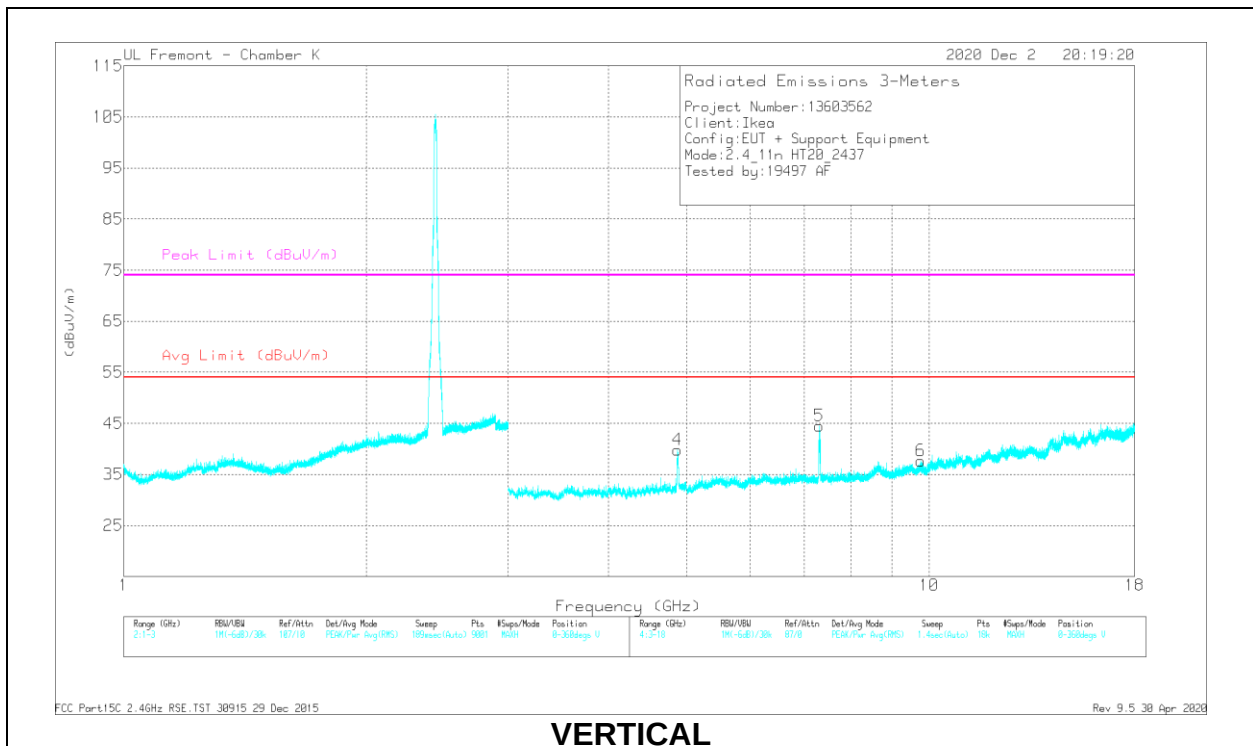
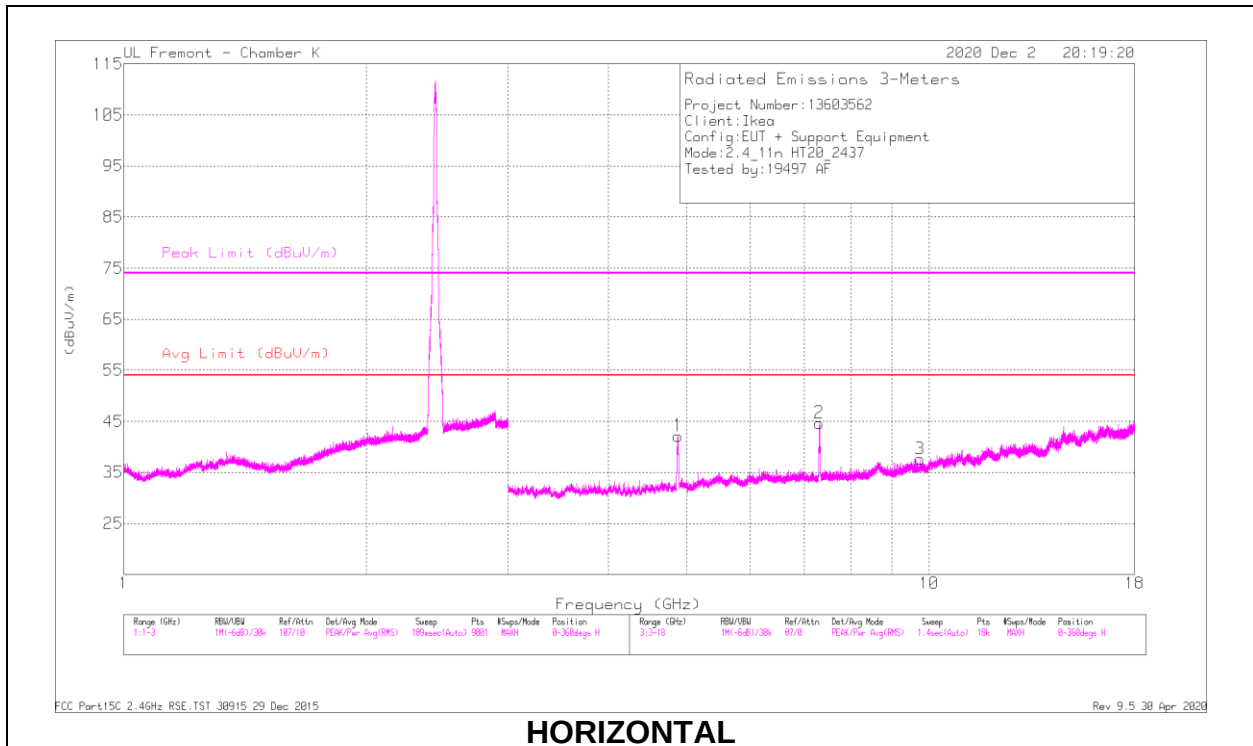
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T863 (dB/m)	Ampl/Cbl/Filtr/ Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 4.82369	47.21	PK2	34.4	-40.6	0	41.01	-	-	74	-32.99	73	204	H
	* 4.82435	36.26	MAV1	34.4	-40.6	0.96	31.02	54	-22.98	-	-	73	204	H
2	7.23247	45.44	PK2	36.1	-38.7	0	42.84	-	-	-	-	338	112	H
3	9.61889	43.72	PK2	36.8	-36.8	0	43.72	-	-	-	-	308	135	H
4	* 4.82401	46.77	PK2	34.4	-40.6	0	40.57	-	-	74	-33.43	341	314	V
	* 4.82392	36.07	MAV1	34.4	-40.6	0.96	30.83	54	-23.17	-	-	341	314	V
6	9.60276	44.21	PK2	36.8	-36.7	0	44.31	-	-	-	-	227	376	V
5	7.23482	45.1	PK2	36.1	-38.7	0	42.5	-	-	-	-	168	235	V

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

PK2 - KDB558074 Method: Maximum Peak

MAV1 - KDB558074 Option 1 Maximum RMS Average

MID CHANNEL, CH 6 RESULTS



RADIATED EMISSIONS

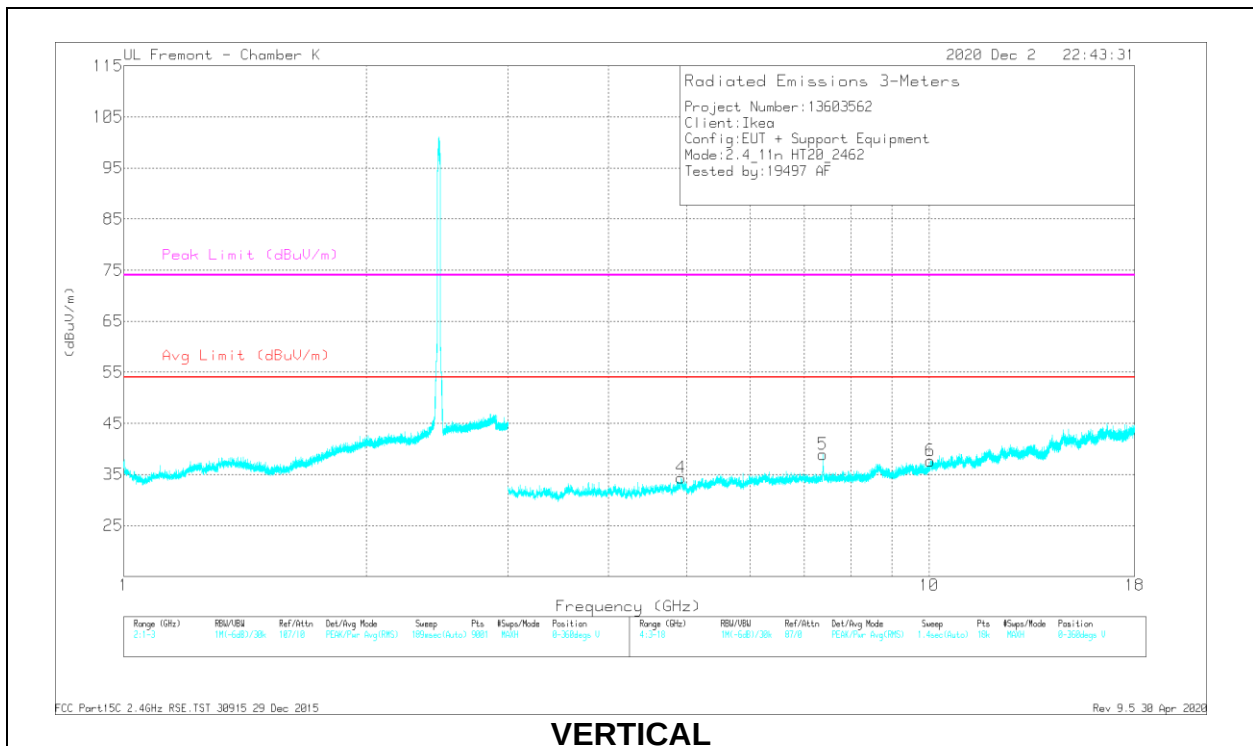
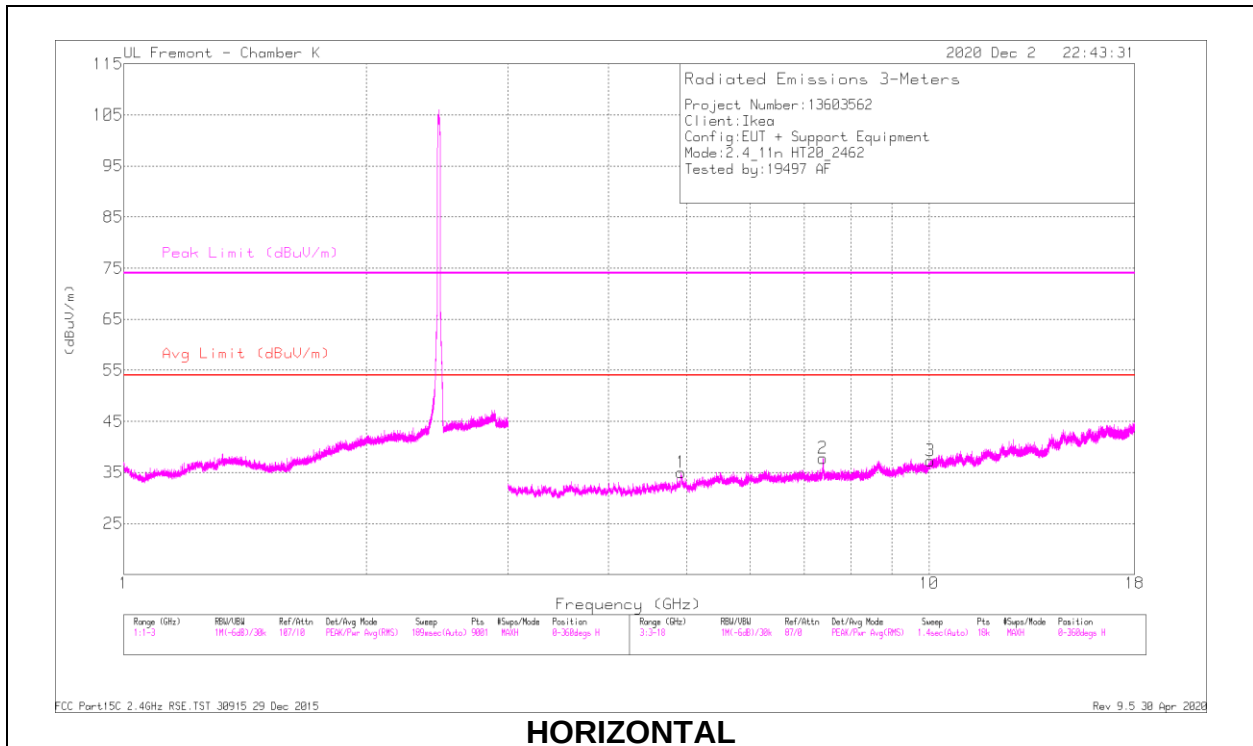
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T863 (dB/m)	Ampl/Cbl/Filtr/ Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 4.87834	58.69	PK2	34.4	-40.6	0	52.49	-	-	74	-21.51	100	112	H
	* 4.87547	44.22	MAV1	34.4	-40.6	0.96	38.98	54	-15.02	-	-	100	112	H
2	* 7.31016	53.97	PK2	36.1	-38.3	0	51.77	-	-	74	-22.23	360	100	H
	* 7.31029	41.04	MAV1	36.1	-38.3	0.96	39.8	54	-14.2	-	-	360	100	H
3	9.74671	45.26	PK2	37	-36.7	0	45.56	-	-	-	-	98	100	H
4	* 4.87373	57.18	PK2	34.4	-40.7	0	50.88	-	-	74	-23.12	239	218	V
	* 4.87388	42.14	MAV1	34.4	-40.7	0.96	36.8	54	-17.2	-	-	239	218	V
5	* 7.3073	55.39	PK2	36.1	-38.4	0	53.09	-	-	74	-20.91	279	100	V
	* 7.30752	41.49	MAV1	36.1	-38.4	0.96	40.15	54	-13.85	-	-	279	100	V
6	9.7616	46.61	PK2	37	-36.7	0	46.91	-	-	-	-	258	118	V

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

PK2 - KDB558074 Method: Maximum Peak

MAV1 - KDB558074 Option 1 Maximum RMS Average

HIGH CHANNEL, CH 11 RESULTS



RADIATED EMISSIONS

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T863 (dB/m)	Ampl/Cbl/Filtr/ Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
3	10.03461	45.19	PK2	37.1	-36.8	0	45.49	-	-	-	-	276	205	H
1	* 4.92415	47.57	PK2	34.4	-40.7	0	41.27	-	-	74	-32.73	4	174	H
	* 4.92359	36.67	MAv1	34.3	-40.7	0.96	31.23	54	-22.77	-	-	4	174	H
2	* 7.38207	45.72	PK2	36	-38.1	0	43.62	-	-	74	-30.38	127	298	H
	* 7.38227	33.06	MAv1	36	-38.1	0.96	31.92	54	-22.08	-	-	127	298	H
6	10.04676	45.36	PK2	37.3	-36.7	0	45.96	-	-	-	-	292	264	V
4	* 4.92455	46.93	PK2	34.4	-40.7	0	40.63	-	-	74	-33.37	146	112	V
	* 4.92427	35.87	MAv1	34.4	-40.7	0.96	30.53	54	-23.47	-	-	146	112	V
5	* 7.38027	45.6	PK2	36	-38.1	0	43.5	-	-	74	-30.5	206	104	V
	* 7.3828	33.76	MAv1	36	-38.1	0.96	32.62	54	-21.38	-	-	206	104	V

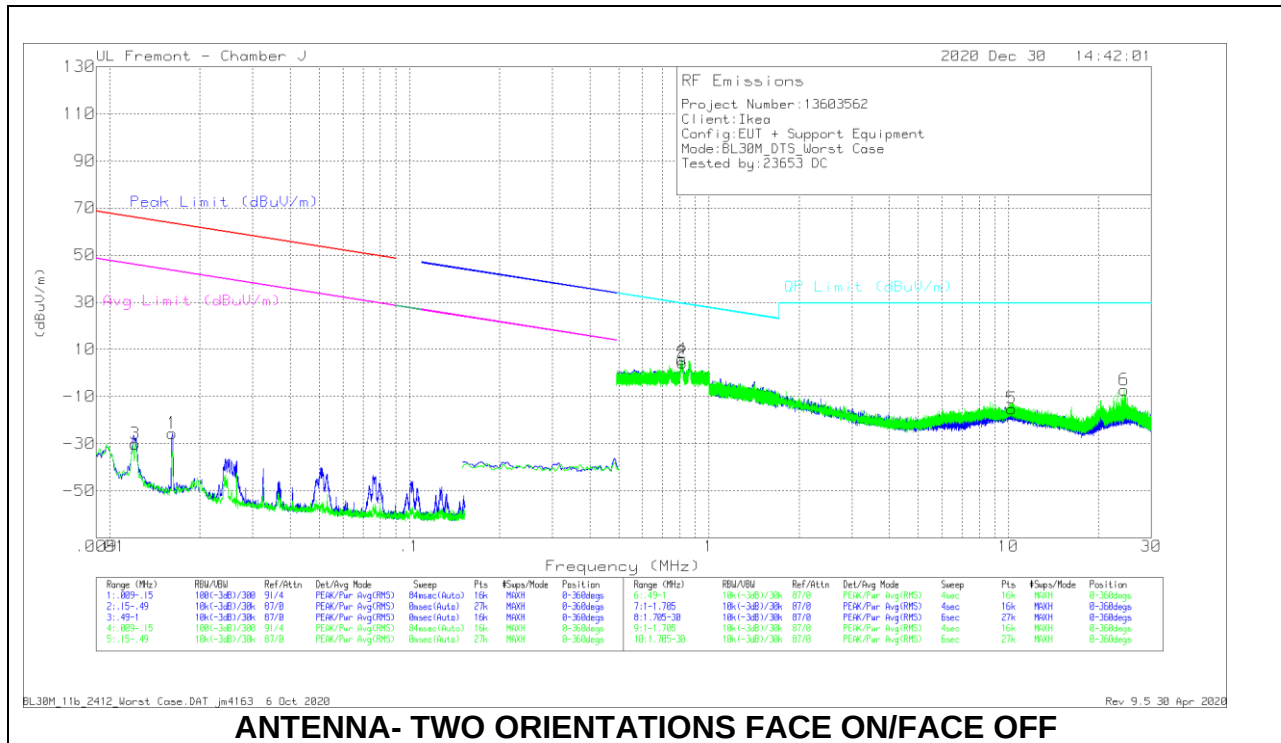
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

PK2 - KDB558074 Method: Maximum Peak

MAv1 - KDB558074 Option 1 Maximum RMS Average

10.2. WORST CASE BELOW 30MHz

SPURIOUS EMISSIONS BELOW 30 MHz (WORST-CASE CONFIGURATION)



ANTENNA- TWO ORIENTATIONS FACE ON/FACE OFF

Below 30MHz Data

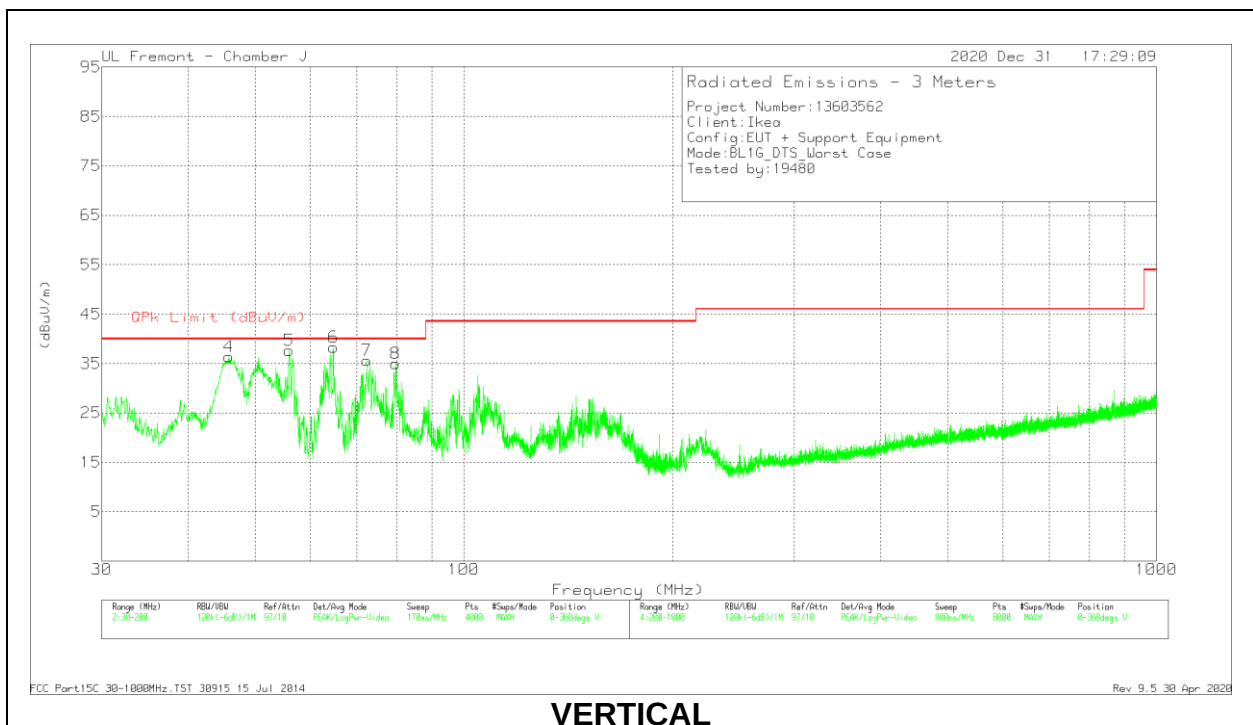
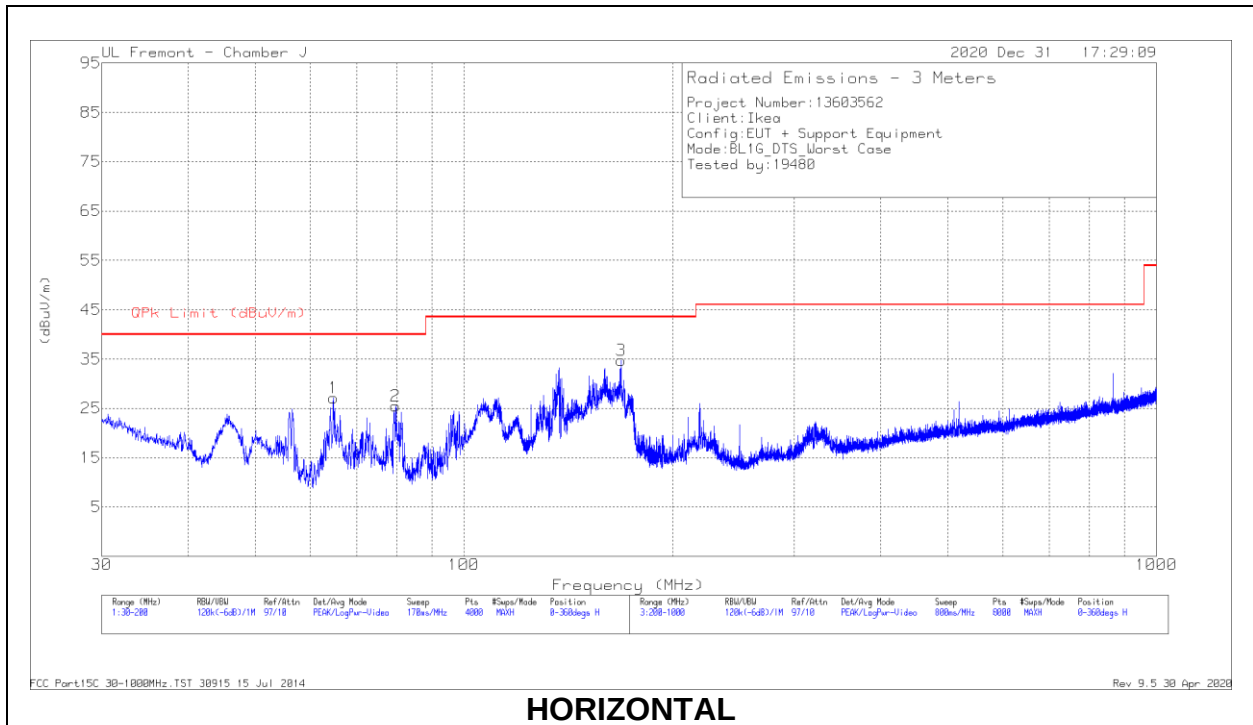
Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	Loop Antenna (E ACF)	Amp/Cbl (dB)	Dist Corr 300m	Corrected Reading (dBuV/m)	Peak Limit (dBuV/m)	Margin (dB)	Avg Limit (dBuV/m)	Margin (dB)	Azimuth (Degs)
1	.01615	23.62	Pk	59.3	-28.5	-80	-25.58	63.42	-89	43.42	-69	0-360
3	.01215	18.66	Pk	59.8	-28.5	-80	-30.04	65.89	-95.93	45.89	-75.93	0-360

Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	Loop Antenna (E ACF)	Amp/Cbl (dB)	Dist Corr 30m (dB) 40Log	Corrected Reading (dBuV/m)	QP Limit (dBuV/m)	Margin (dB)	Azimuth (Degs)
2	.81477	16.89	Pk	56	-28.5	-40	4.39	29.4	-25.01	0-360
4	.8132	18.24	Pk	56	-28.5	-40	5.74	29.41	-23.67	0-360
5	10.25563	18.16	Pk	34.7	-28	-40	-15.14	29.5	-44.64	0-360
6	24.35018	26.43	Pk	34.1	-27.7	-40	-7.17	29.5	-36.67	0-360

Pk - Peak detector

The limits in CFR 47, Part 15, Subpart C, paragraph 15.209(a), are identical to those in RSS-Gen section 8.9, Table 6, since the measurements are performed in terms of magnetic field strength and converted to electric field strength levels (as reported in the table), using the free space impedance of 377 Ohms. For example the measurement at frequency X kHz resulted in a level of Y dBuV/m, which is equivalent to $Y - 51.5 = Z$ dBuA/m, which has the same margin, W dB, to the corresponding RSS-Gen Table 6 limit as it has to 15.209(a) limit.

10.3. WORST CASE BELOW 1 GHz



Below 1GHz DATA

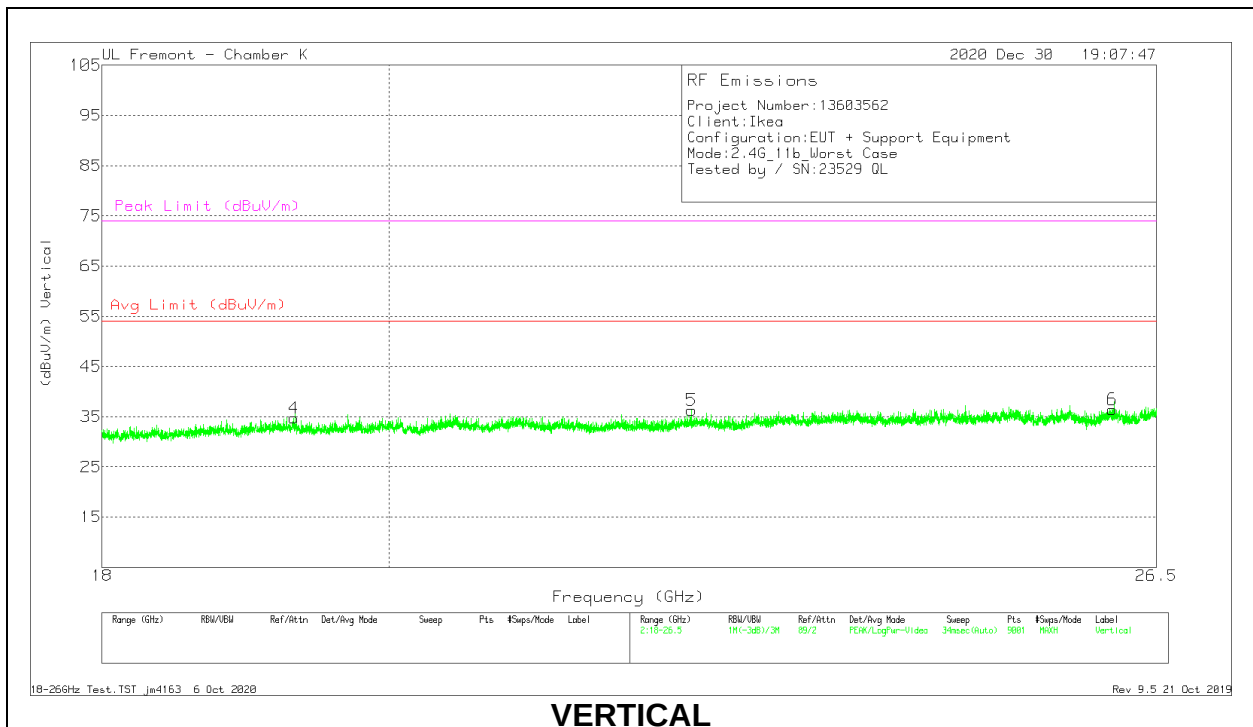
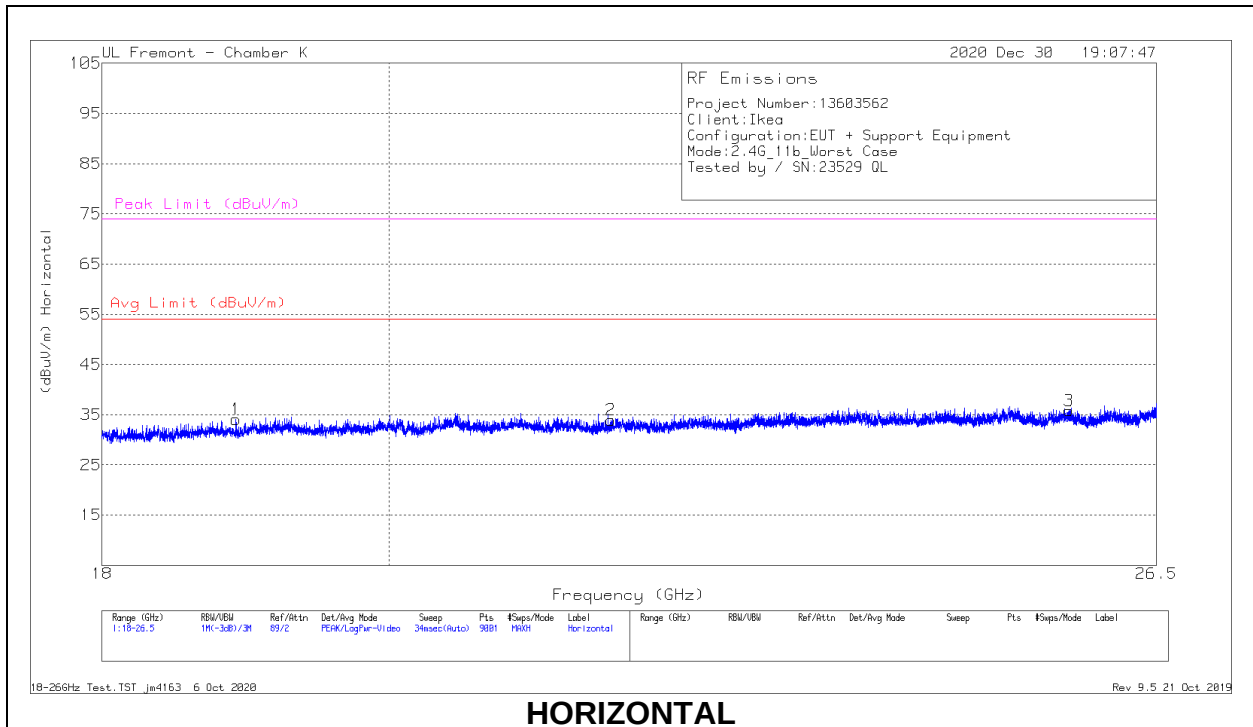
Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	AF T900 (dB/m)	Amp Cbl (dB)	Corrected Reading (dBuV/m)	QPk Limit (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	64.8165	44.51	Pk	13.9	-31.3	27.11	40	-12.89	0-360	196	H
2	79.7379	43.27	Pk	13.3	-31.1	25.47	40	-14.53	0-360	292	H
3	* 168.7984	47.9	Pk	17.4	-30.6	34.7	43.52	-8.82	0-360	196	H
4	45.8141	51.99	Pk	15.8	-31.4	36.39	40	-3.61	0-360	100	V
	45.7562	48.84	Qp	15.9	-31.4	33.34	40	-6.66	95	113	V
5	55.9742	56.01	Pk	12.9	-31.3	37.61	40	-2.39	0-360	100	V
	56.0001	55.47	Qp	12.9	-31.3	37.07	40	-2.93	134	101	V
6	64.774	55.74	Pk	13.9	-31.3	38.34	40	-1.66	0-360	100	V
	64.7889	52.07	Qp	13.9	-31.3	34.67	40	-5.33	268	119	V
7	72.3835	52.91	Pk	13.9	-31.2	35.61	40	-4.39	0-360	100	V
	72.4036	51.4	Qp	13.9	-31.2	34.1	40	-5.9	343	105	V
8	79.7379	52.77	Pk	13.3	-31.1	34.97	40	-5.03	0-360	100	V
	79.7437	50.28	Qp	13.3	-31.1	32.48	40	-7.52	75	133	V

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

Pk - Peak detector

Qp - Quasi-Peak detector

10.4. WORST CASE 18-26 GHz



18 – 26GHz DATA

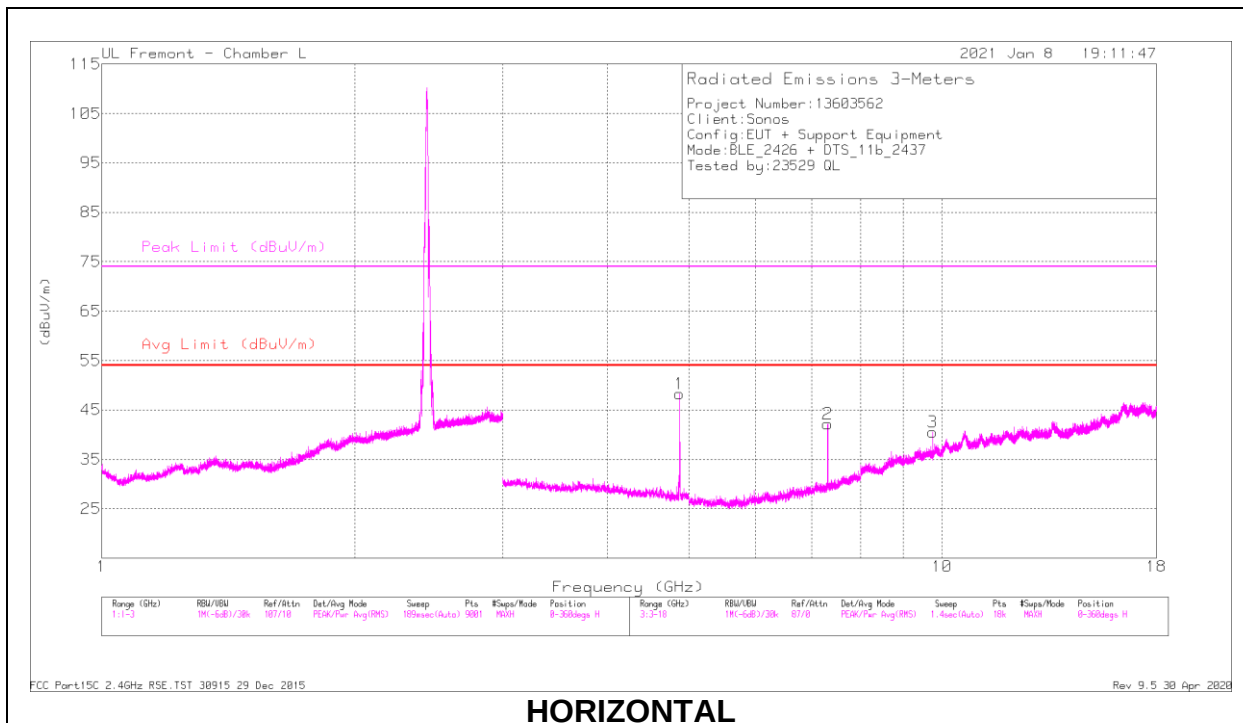
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	T447 AF (dB/m)	Amp/Cbl (dB)	Dist Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)
1	18.90572	69.28	Pk	32.4	-58.1	-9.5	34.08	54	-19.92	74	-39.92
2	21.69466	67.75	Pk	33.2	-57.5	-9.5	33.95	54	-20.05	74	-40.05
3	25.66322	65.82	Pk	34.4	-54.9	-9.5	35.82	54	-18.18	74	-38.18
4	19.31183	68.51	Pk	32.7	-57	-9.5	34.71	54	-19.29	74	-39.29
5	22.34539	69.99	Pk	33.6	-57.8	-9.5	36.29	54	-17.71	74	-37.71
6	26.07405	66.63	Pk	34.5	-55.2	-9.5	36.43	54	-17.57	74	-37.57

Pk - Peak detector

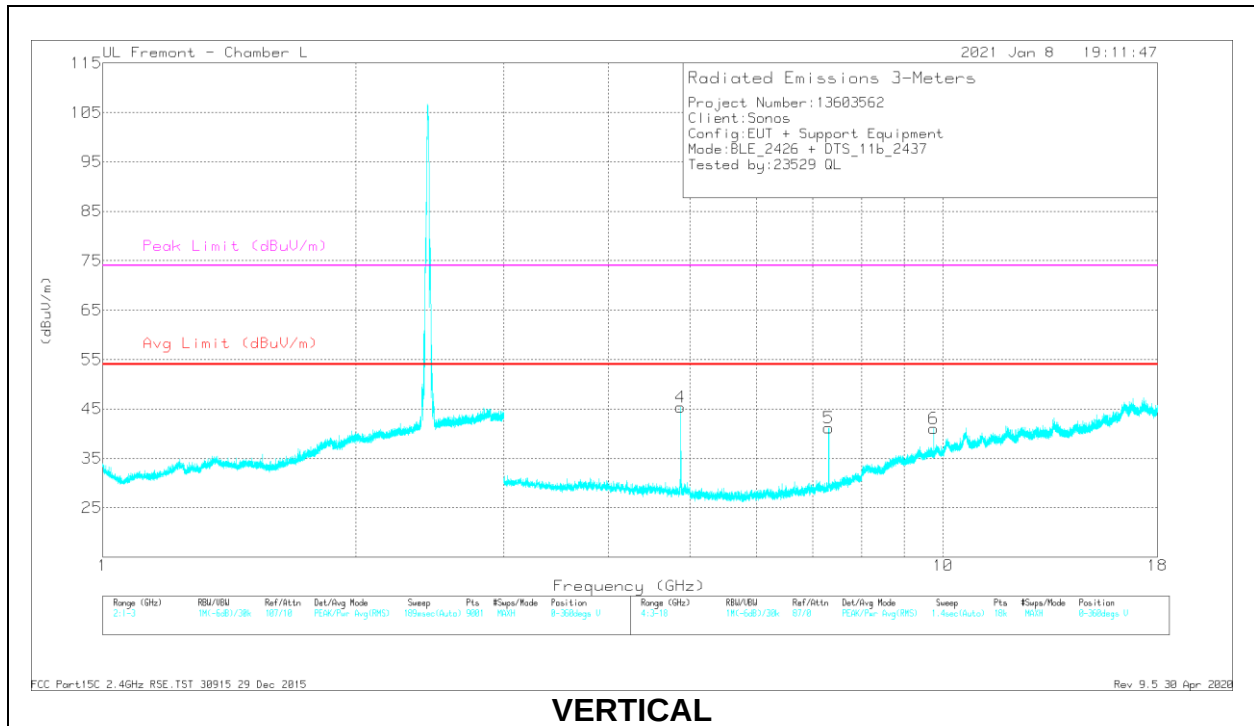
10.5. SPURIOUS EMISSIONS FOR CO-LOCATION

TEST-CASE CONDITIONS

Antenna	Mode	Frequency (MHz)
BLE antenna	1Mbps	2426
WIFI E1915	WLAN 2.4GHz, 11b	2437



HORIZONTAL



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF 344 (dB/m)	Ampl/Cbl/Filtr/ Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
2	* 7.31181	36.87	PK2	35.6	-23.7	0	48.77	-	-	74	-25.23	162	263	H
	* 7.31189	32.74	MAV1	35.6	-23.7	0	44.64	54	-9.36	-	-	162	263	H
3	9.74807	29.77	PK2	36.9	-20.4	0	46.27	-	-	-	-	269	101	H
1	* 4.87393	44.19	PK2	34.1	-27.2	0	51.09	-	-	74	-22.91	329	101	H
	* 4.87396	42.71	MAV1	34.1	-27.2	0	49.61	54	-4.39	-	-	329	101	H
4	* 4.87395	41.26	PK2	34.1	-27.2	0	48.16	-	-	74	-25.84	140	101	V
	* 4.87397	38.6	MAV1	34.1	-27.2	0	45.5	54	-8.5	-	-	140	101	V
5	* 7.31181	33.94	PK2	35.6	-23.7	0	45.84	-	-	74	-28.16	106	136	V
	* 7.31183	29.18	MAV1	35.6	-23.7	0	41.08	54	-12.92	-	-	106	136	V
6	9.74788	29.88	PK2	36.9	-20.4	0	46.38	-	-	-	-	322	138	V

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

PK2 - KDB558074 Method: Maximum Peak

MAV1 - KDB558074 Option 1 Maximum RMS Average

11. RADIATED TEST RESULTS – E1922 ANTENNA

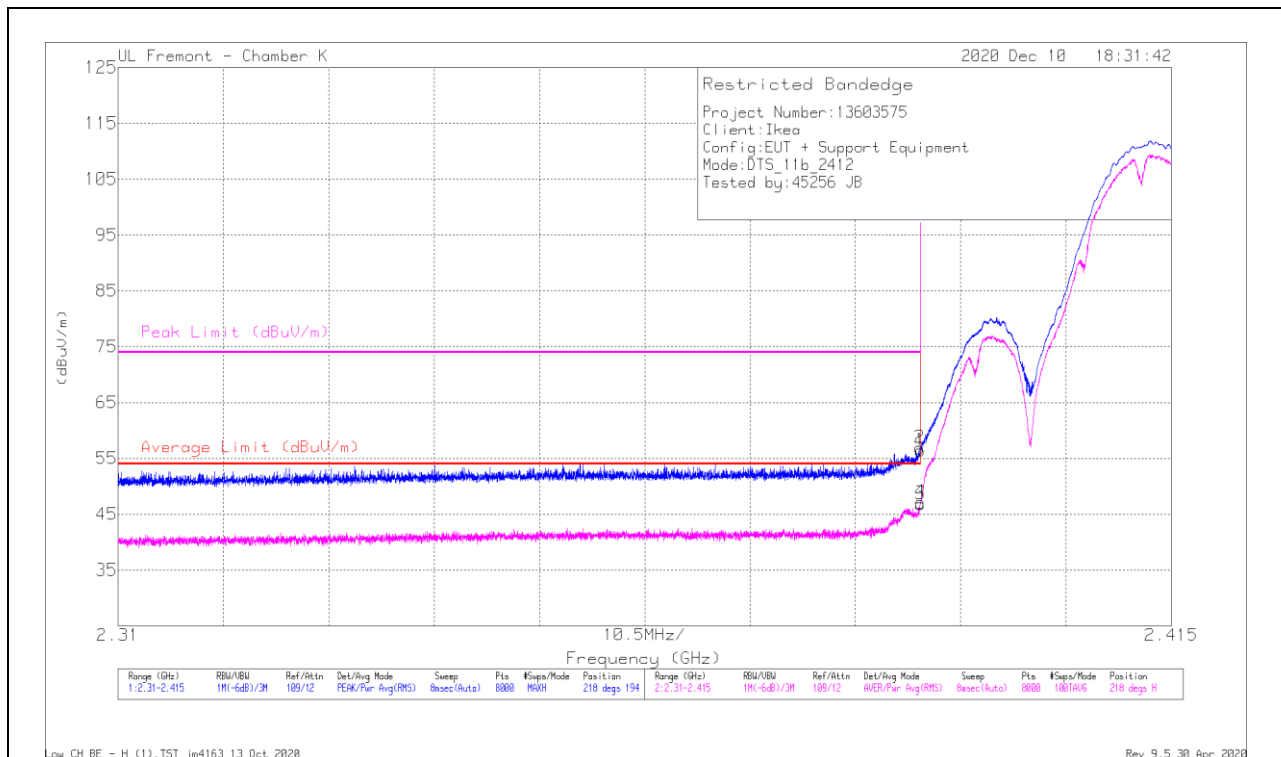
11.1. TRANSMITTER ABOVE 1 GHz

11.1.1. TX ABOVE 1 GHz 802.11b MODE IN THE 2.4 GHz BAND

2TX Antenna 1 + Antenna 2 CDD MODE

BANDEDGE (LOW CHANNEL, CH 1)

HORIZONTAL RESULT



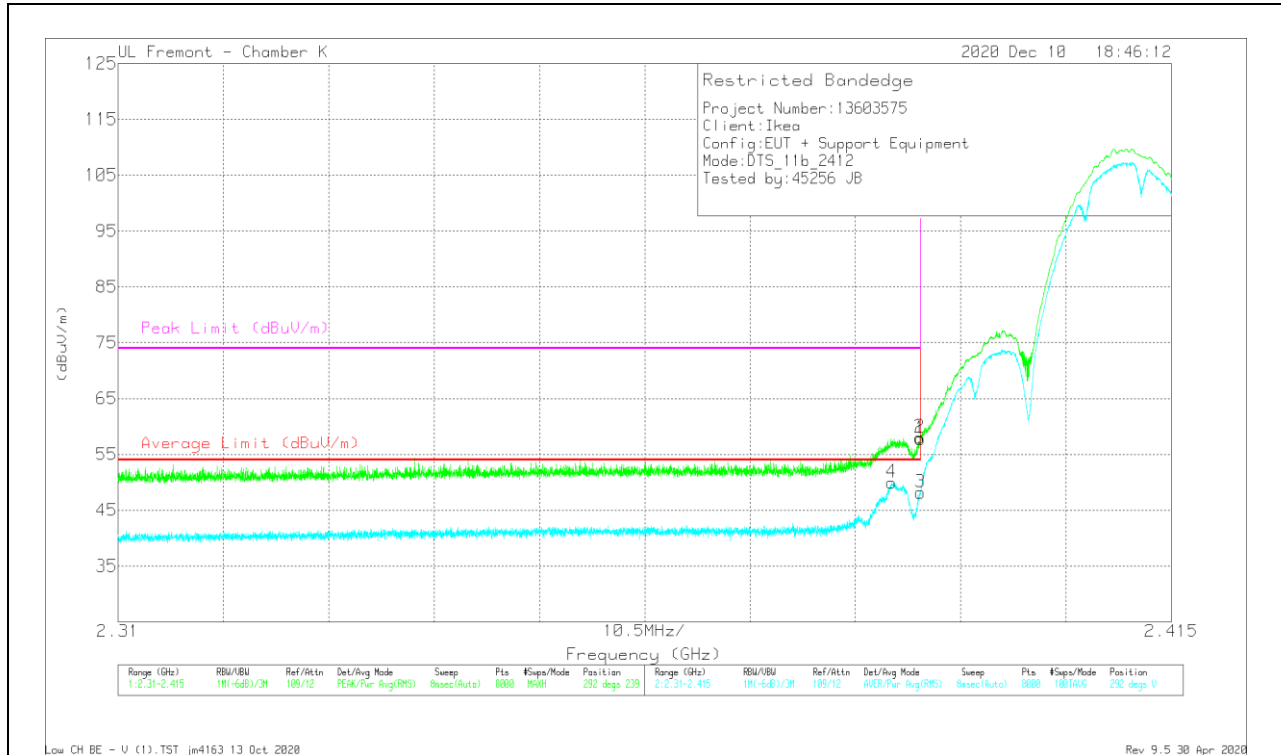
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF 1963 (dBm)	Ampl/Clf/Fir/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Altitude (m)	Height (cm)	Polarity
1	* 2.39	35.61	Pk	32.4	-11.6	0	56.41	-	-	74	-17.59	218	194	H
2	* 2.3899	36.06	Pk	32.4	-11.6	0	56.96	-	-	74	-17.14	218	194	H
3	* 2.39	26.03	RMS	32.4	-11.6	0	46.83	54	-7.17	-	-	218	194	H
4	* 2.38998	26.32	RMS	32.4	-11.6	0	47.12	54	-6.88	-	-	218	194	H

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

Pk - Peak detector

RMS - RMS detection

VERTICAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF 1863 (dBm)	Amp/ChlFilt/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Altitude (Degs)	Height (cm)	Polarity
1	* 2.39	37.02	PK	32.4	-11.6	0	57.82	-	-	74	-16.18	292	239	V
2	* 2.38992	37.23	PK	32.4	-11.6	0	58.03	-	-	74	-15.97	292	239	V
3	* 2.39	27.41	RMS	32.4	-11.6	0	48.21	54	-5.79	-	-	292	239	V
4	* 2.38708	29.18	RMS	32.4	-11.6	0	49.98	54	-4.02	-	-	292	239	V

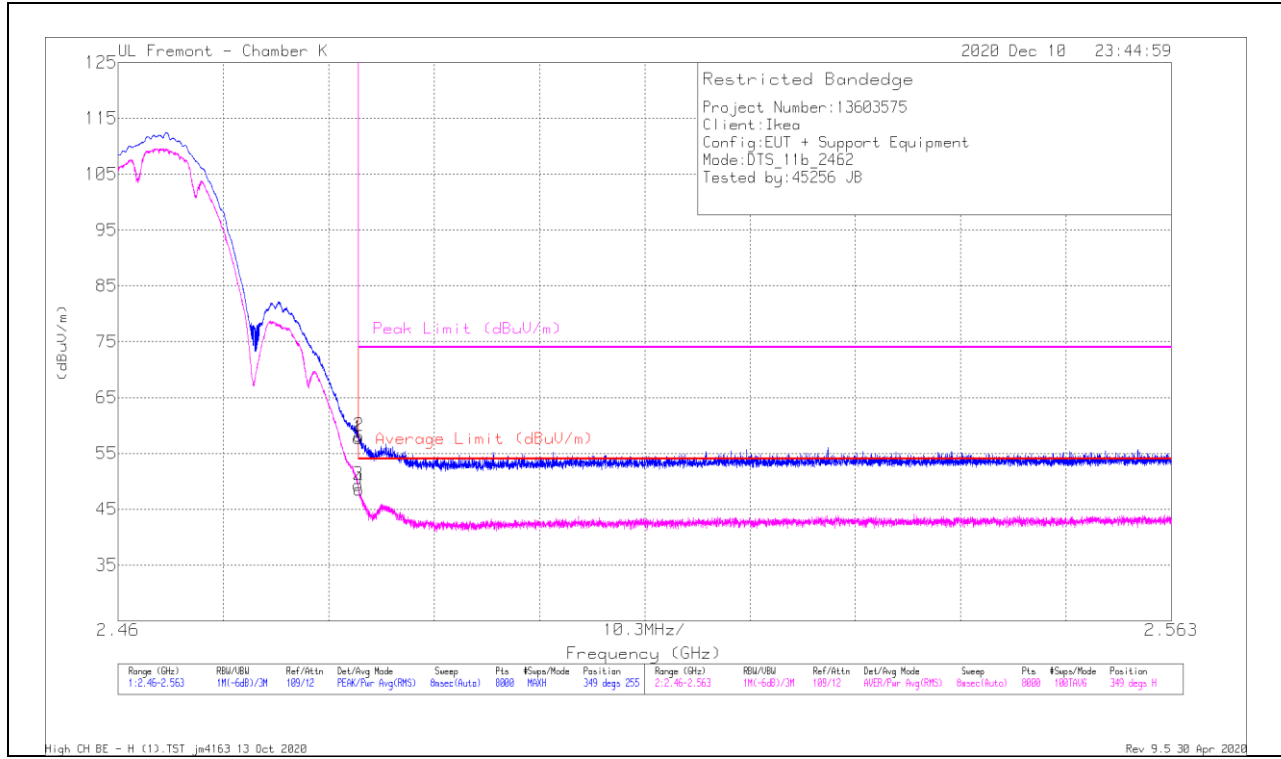
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

Pk - Peak detector

RMS - RMS detection

BANDEDGE (HIGH CHANNEL, CH 11)

HORIZONTAL RESULT



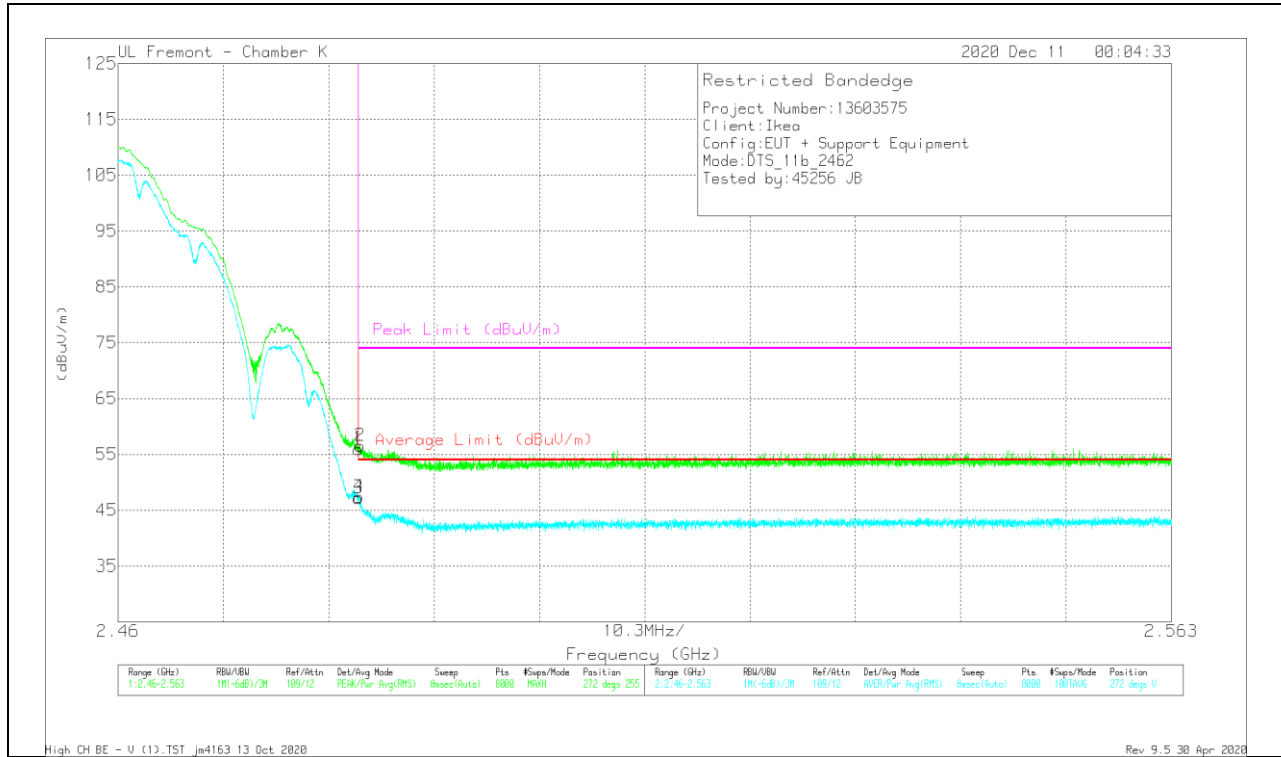
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T863 (dBm)	Amp/CbIFtr/Pd (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Altitude (m)	Height (m)	Polarity
1	* 2.4835	36.45	Pk	32.5	-11.2	0	57.75	-	-	74	-16.25	349	255	H
2	* 2.48353	36.82	Pk	32.5	-11.2	0	58.12	-	-	74	-15.88	349	255	H
3	* 2.4835	28.06	RMS	32.5	-11.2	0	49.38	54	-4.62	-	-	349	255	H
4	* 2.48354	27.26	RMS	32.5	-11.2	0	48.56	54	-5.44	-	-	349	255	H

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

Pk - Peak detector

RMS - RMS detection

VERTICAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF 1983 (dBm)	Amp/ChlFilt/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Altitude (Degs)	Height (cm)	Polarity
1	* 2.4835	34.64	PK	32.5	-11.2	0	55.94	-	-	74	-19.06	272	255	V
2	* 2.48366	35.22	PK	32.5	-11.2	0	56.52	-	-	74	-17.48	272	255	V
3	* 2.4835	25.87	RMS	32.5	-11.2	0	47.17	54	-6.83	-	-	272	255	V
4	* 2.48353	26.08	RMS	32.5	-11.2	0	47.38	54	-6.62	-	-	272	255	V

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

Pk - Peak detector

RMS - RMS detection

HARMONICS AND SPURIOUS EMISSIONS

LOW CHANNEL, CH 1 RESULTS

