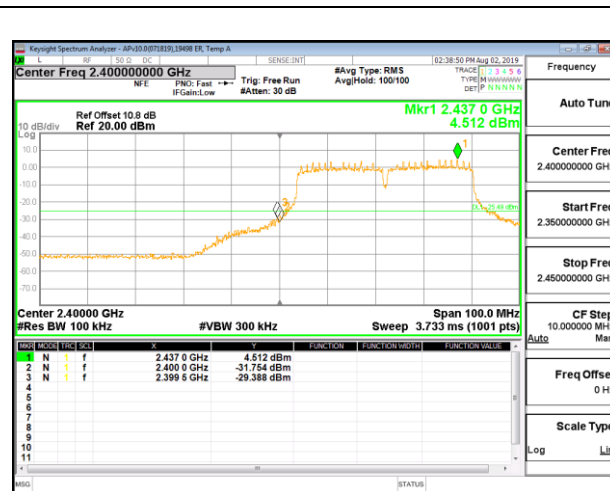
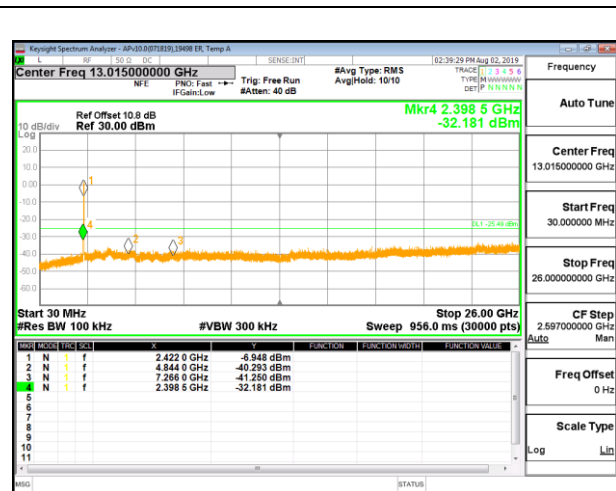
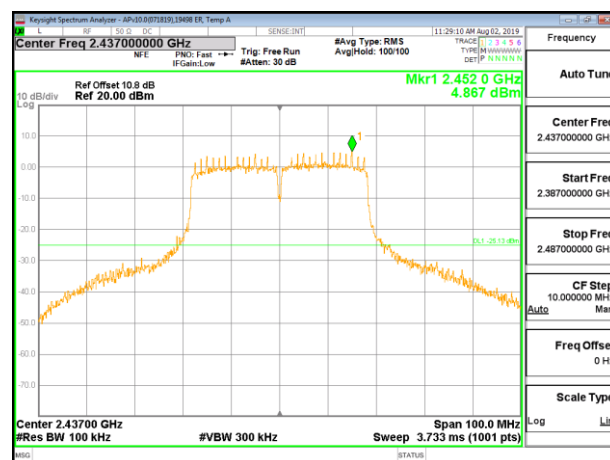




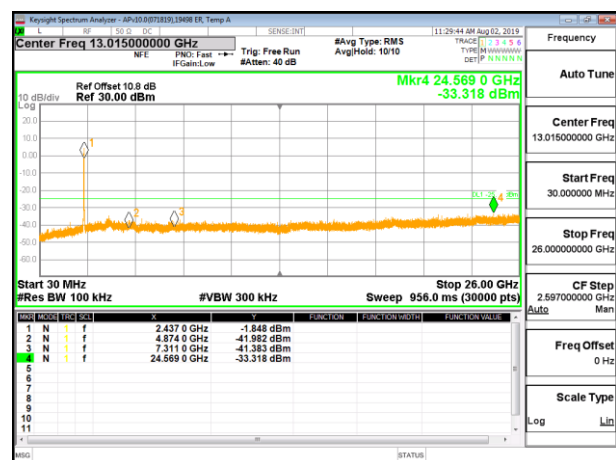
LOW CHANNEL 3 BANDEDGE CHAIN 1



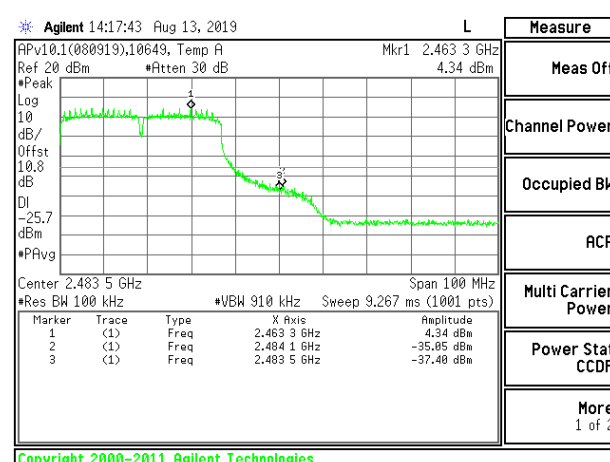
OUT-OF-BAND LOW CHANNEL 3 CHAIN 1



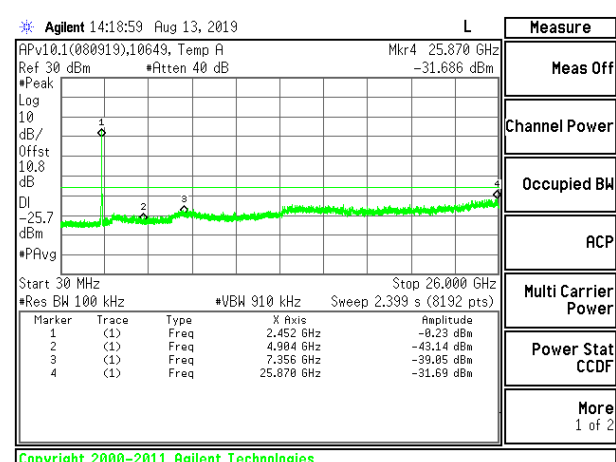
IN-BAND REFERENCE LEVEL CHAIN 1



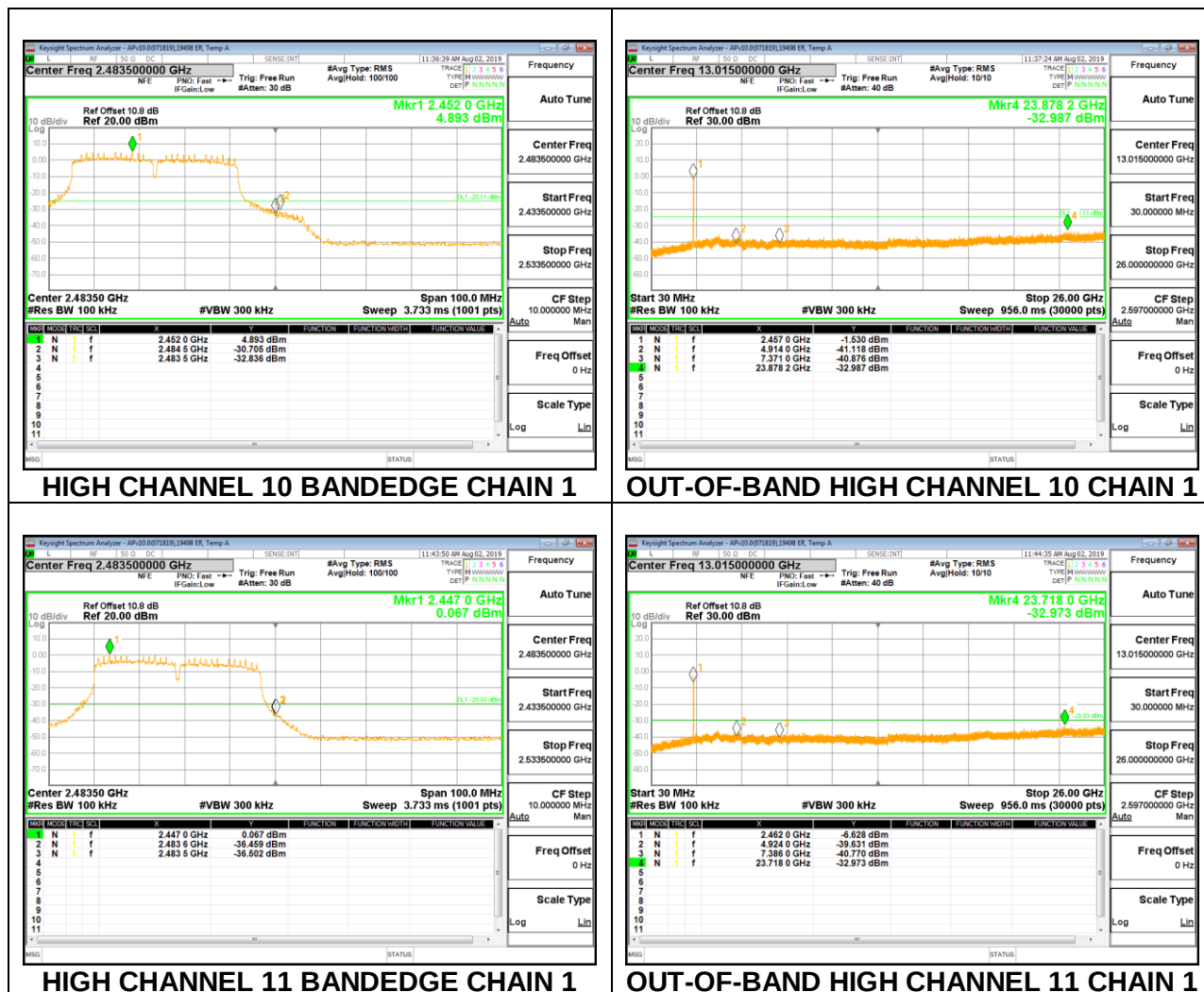
OUT-OF-BAND MID CHANNEL 1



HIGH CHANNEL 9 BANDEDGE CHAIN 1



OUT-OF-BAND HIGH CHANNEL 9 CHAIN 1



9. RADIATED TEST RESULTS

LIMITS

FCC §15.205 and §15.209

RSS-GEN, Section 8.9 and 8.10

Frequency Range (MHz)	Field Strength Limit (uV/m) at 3 m	Field Strength Limit (dBuV/m) at 3 m
0.009-0.490	2400/F(kHz) @ 300 m	-
0.490-1.705	24000/F(kHz) @ 30 m	-
1.705 - 30	30 @ 30m	-
30 - 88	100	40
88 - 216	150	43.5
216 - 960	200	46
Above 960	500	54

TEST PROCEDURE

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

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

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

For final measurements above 1 GHz the resolution bandwidth is set to 1 MHz; the video bandwidth is set to 3 MHz for peak measurements and as applicable for average measurements.

The spectrum from 1 GHz to 18 GHz is investigated with the transmitter set to the lowest, middle, and highest channels in each applicable band. Below 30MHz, below 1GHz and above 18GHz emissions, the channel with the highest output power was tested.

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

2D antenna use - For below 30MHz testing, investigation was done on three antenna orientations (parallel, perpendicular, and ground-parallel), parallel and perpendicular are the worst orientations, therefore testing was performed on these two orientations only.

KDB 414788 Open Field Site(OFS) and Chamber Correlation Justification

Base on FCC 15.31 (f) (2): measurements may be performed at a distance closer than that specified in the regulations; however, an attempt should be made to avoid making measurements in the near field.

OFS and chamber correlation testing had been performed and chamber measured test result is the worst case test result.

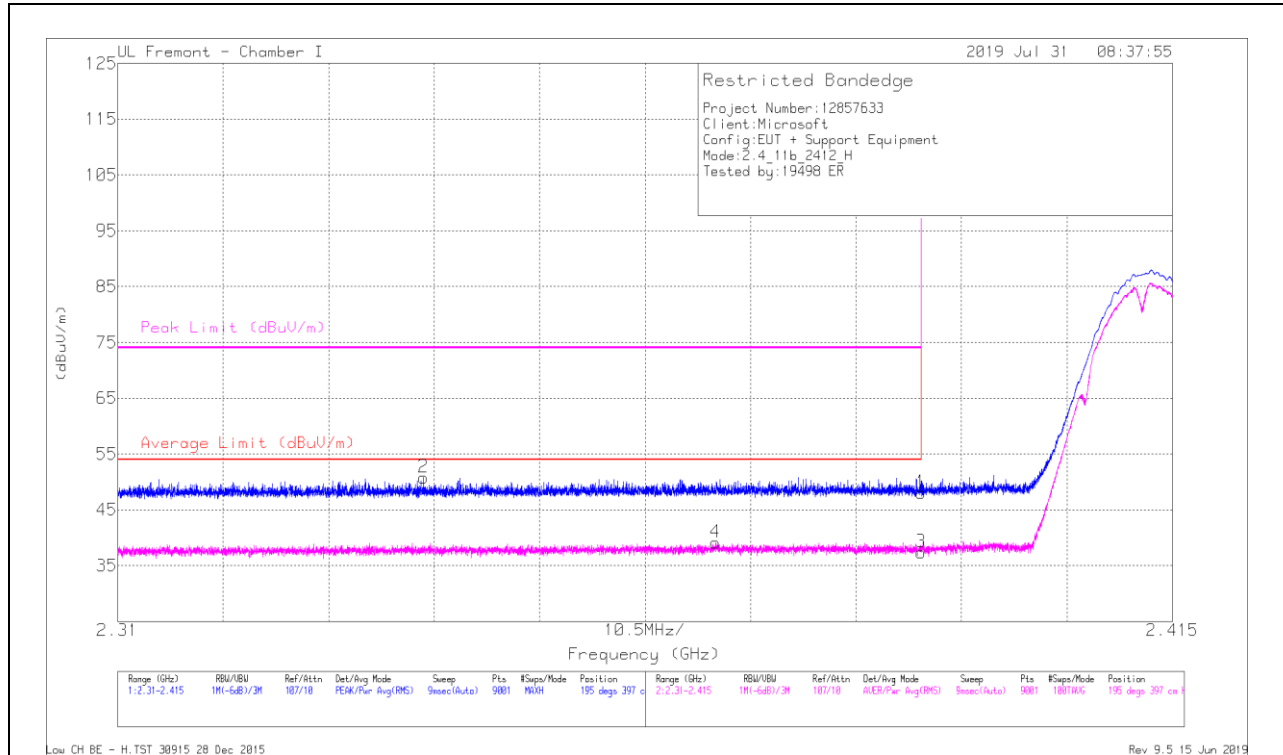
9.1. TRANSMITTER ABOVE 1 GHz

9.1.1. 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)

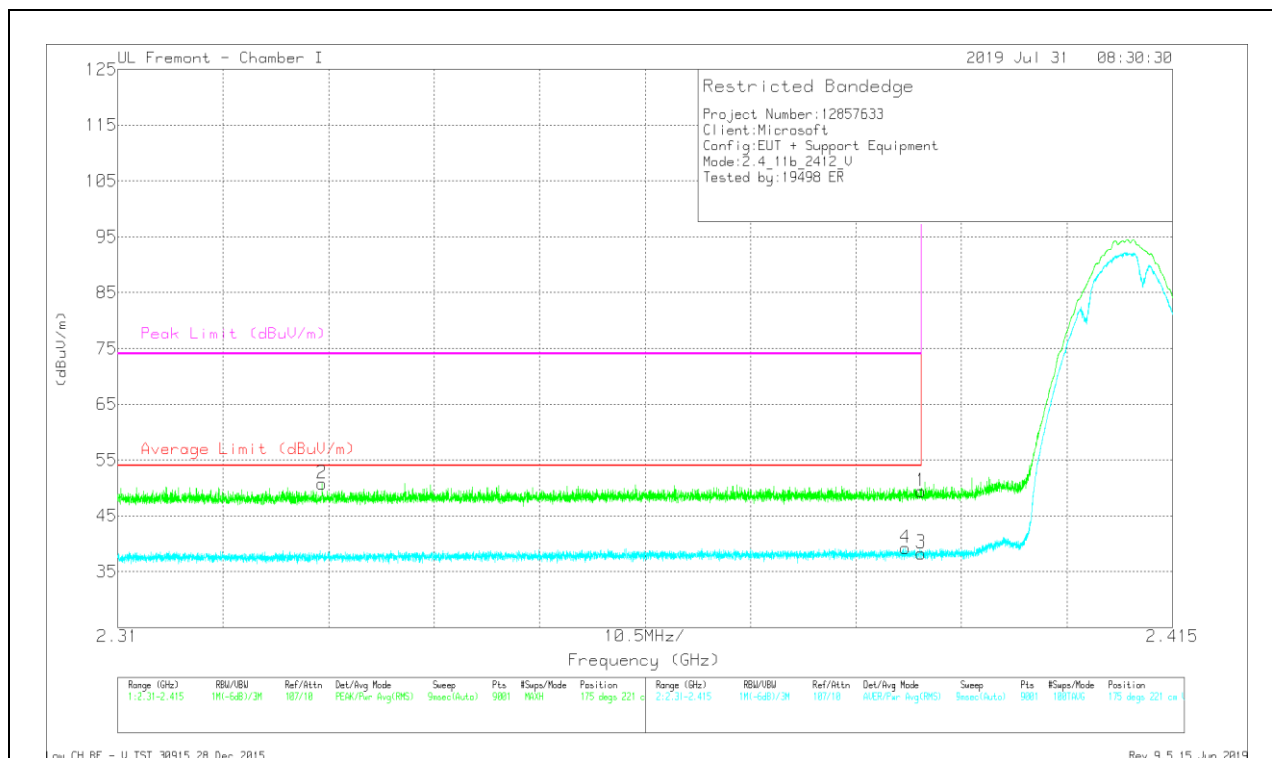
HORIZONTAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T862 (dB/m)	Amp/Cbl/Fit r/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	2.38999	37.73	Pk	31.9	-21.6	48.03	-	-	74	-25.97	195	397	H
2	2.34045	40.71	Pk	31.6	-21.5	50.81	-	-	74	-23.19	195	397	H
3	2.38999	27.11	RMS	31.9	-21.6	37.41	54	-16.59	-	-	195	397	H
4	2.36954	28.69	RMS	31.9	-21.5	39.09	54	-14.91	-	-	195	397	H

Pk - Peak detector
RMS - RMS detection

VERTICAL RESULT

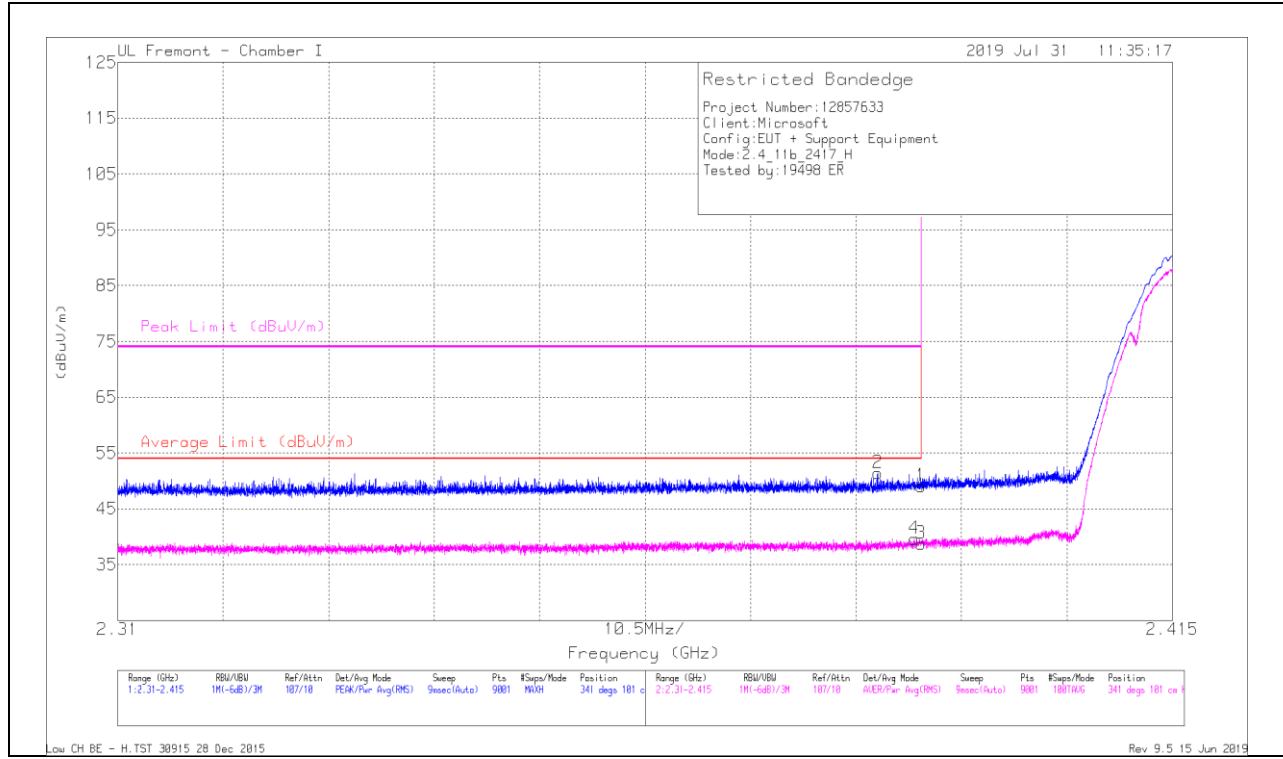


Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T862 (dB/m)	Amp/Cbl/Fit r/Pad (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	2.38999	39.13	Pk	31.9	-21.6	49.43	-	-	74	-24.57	175	221	V
2	2.33035	40.76	Pk	31.5	-21.5	50.76	-	-	74	-23.24	175	221	V
3	2.38999	28.01	RMS	31.9	-21.6	38.31	54	-15.69	-	-	175	221	V
4	2.38841	28.97	RMS	31.9	-21.6	39.27	54	-14.73	-	-	175	221	V

Pk - Peak detector
RMS - RMS detection

BANDEDGE (LOW CHANNEL, CH 2)

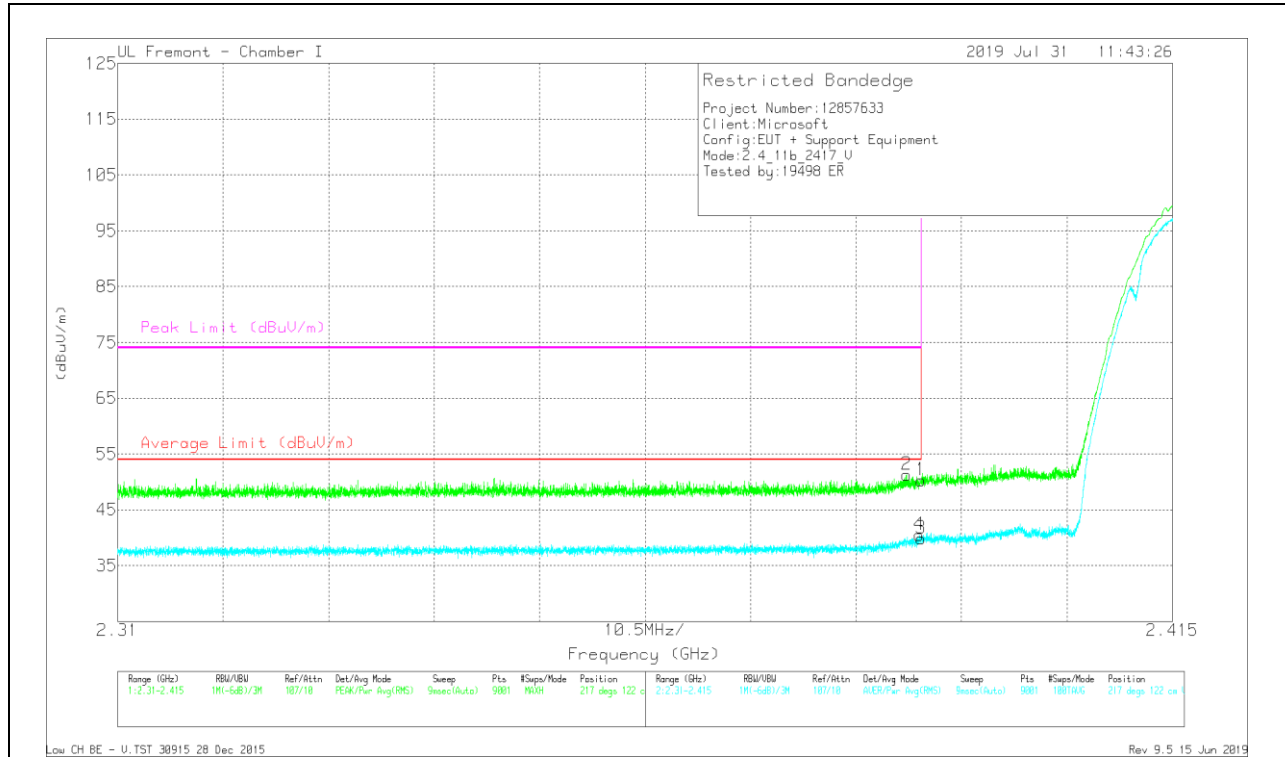
HORIZONTAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T862 (dB/m)	Amp/Cbl/Filt r/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	2.38999	38.71	Pk	31.9	-21.6	49.01	-	-	74	-24.99	341	101	H
2	2.38565	41.14	Pk	31.9	-21.6	51.44	-	-	74	-22.56	341	101	H
3	2.38999	28.47	RMS	31.9	-21.6	38.77	54	-15.23	-	-	341	101	H
4	2.3893	29.35	RMS	31.9	-21.6	39.65	54	-14.35	-	-	341	101	H

Pk - Peak detector
RMS - RMS detection

VERTICAL RESULT

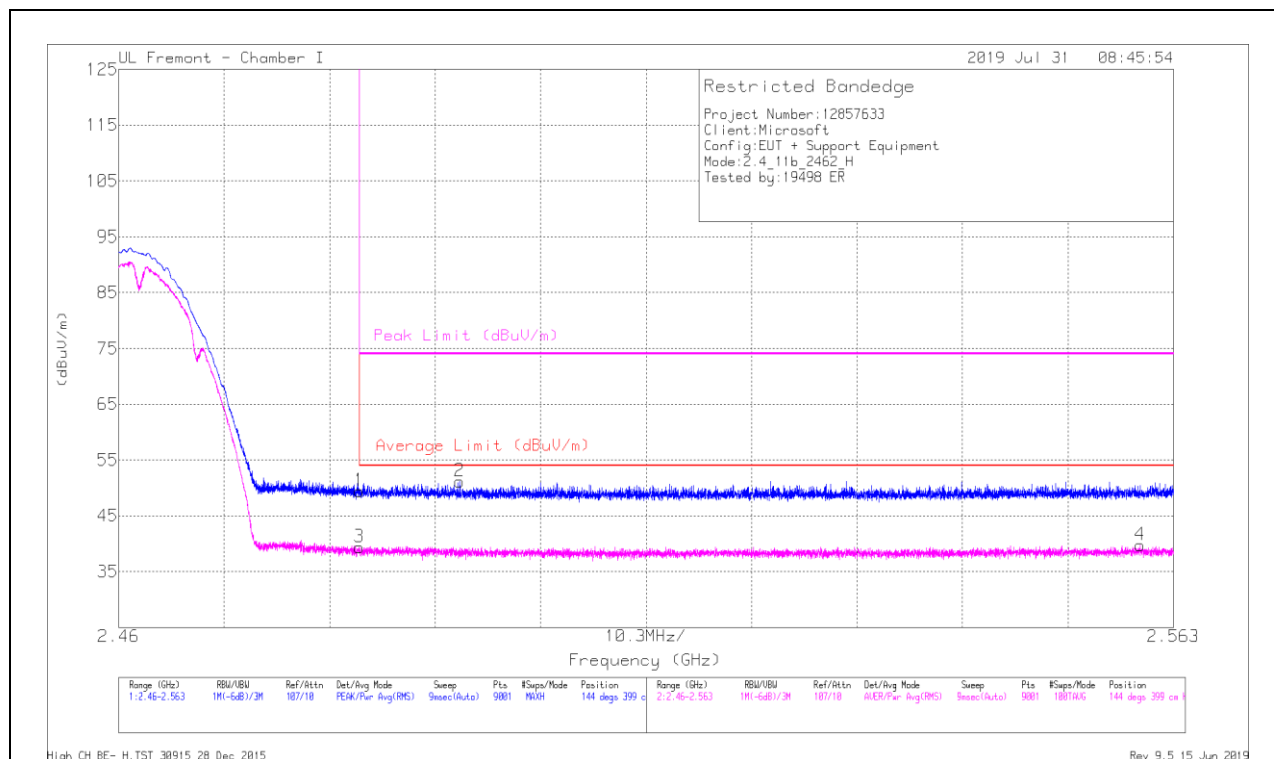


Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T862 (dB/m)	Amp/Cb/Filter/Pad (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	2.38999	39.95	Pk	31.9	-21.6	50.25	-	-	74	-23.75	217	122	V
2	2.38857	41.03	Pk	31.9	-21.6	51.33	-	-	74	-22.67	217	122	V
3	2.38999	29.55	RMS	31.9	-21.6	39.85	54	-14.15	-	-	217	122	V
4	2.38977	30.14	RMS	31.9	-21.6	40.44	54	-13.56	-	-	217	122	V

Pk - Peak detector
RMS - RMS detection

BANDEDGE (HIGH CHANNEL, CH 11)

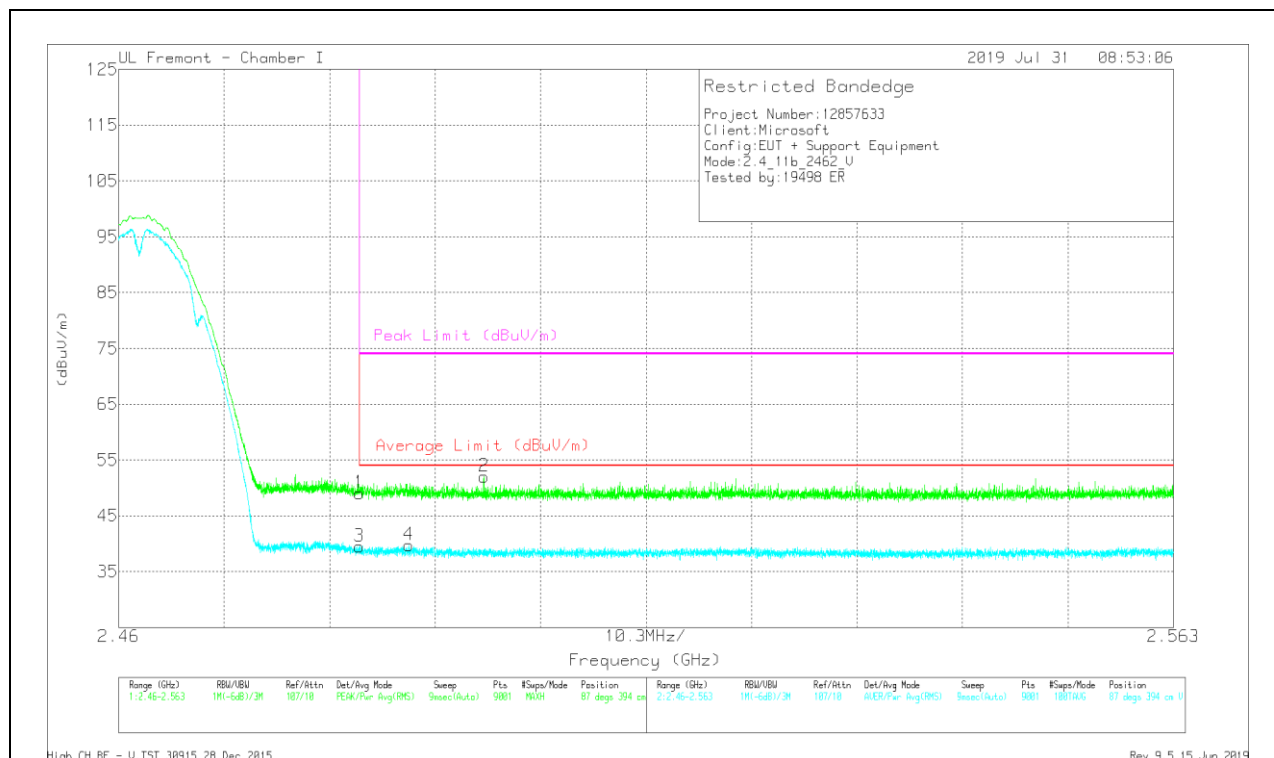
HORIZONTAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T862 (dB/m)	Amp/Cbl/Filt r/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	2.48351	38.68	Pk	32.4	-21.7	49.38	-	-	74	-24.62	144	399	H
2	2.49331	40.6	Pk	32.3	-21.7	51.2	-	-	74	-22.8	144	399	H
3	2.48351	28.65	RMS	32.4	-21.7	39.35	54	-14.65	-	-	144	399	H
4	2.55975	29	RMS	32.3	-21.6	39.7	54	-14.3	-	-	144	399	H

Pk - Peak detector
RMS - RMS detection

VERTICAL RESULT

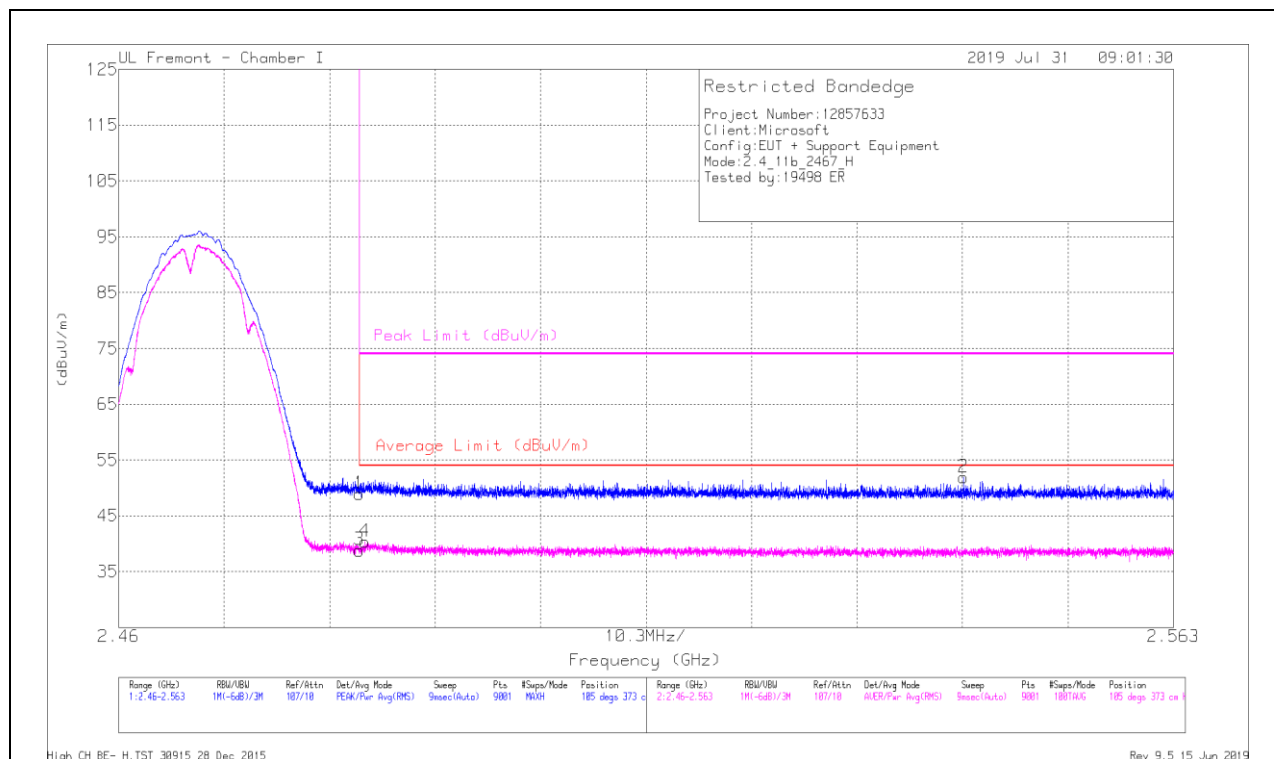


Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T862 (dB/m)	Amp/Cbl/Filt r/Pad (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	2.48351	38.35	Pk	32.4	-21.7	49.05	-	-	74	-24.95	87	394	V
2	2.49565	41.53	Pk	32.3	-21.8	52.03	-	-	74	-21.97	87	394	V
3	2.48351	28.8	RMS	32.4	-21.7	39.5	54	-14.5	-	-	87	394	V
4	2.48831	29.19	RMS	32.3	-21.7	39.79	54	-14.21	-	-	87	394	V

Pk - Peak detector
RMS - RMS detection

BANDEDGE (HIGH CHANNEL, CH 12)

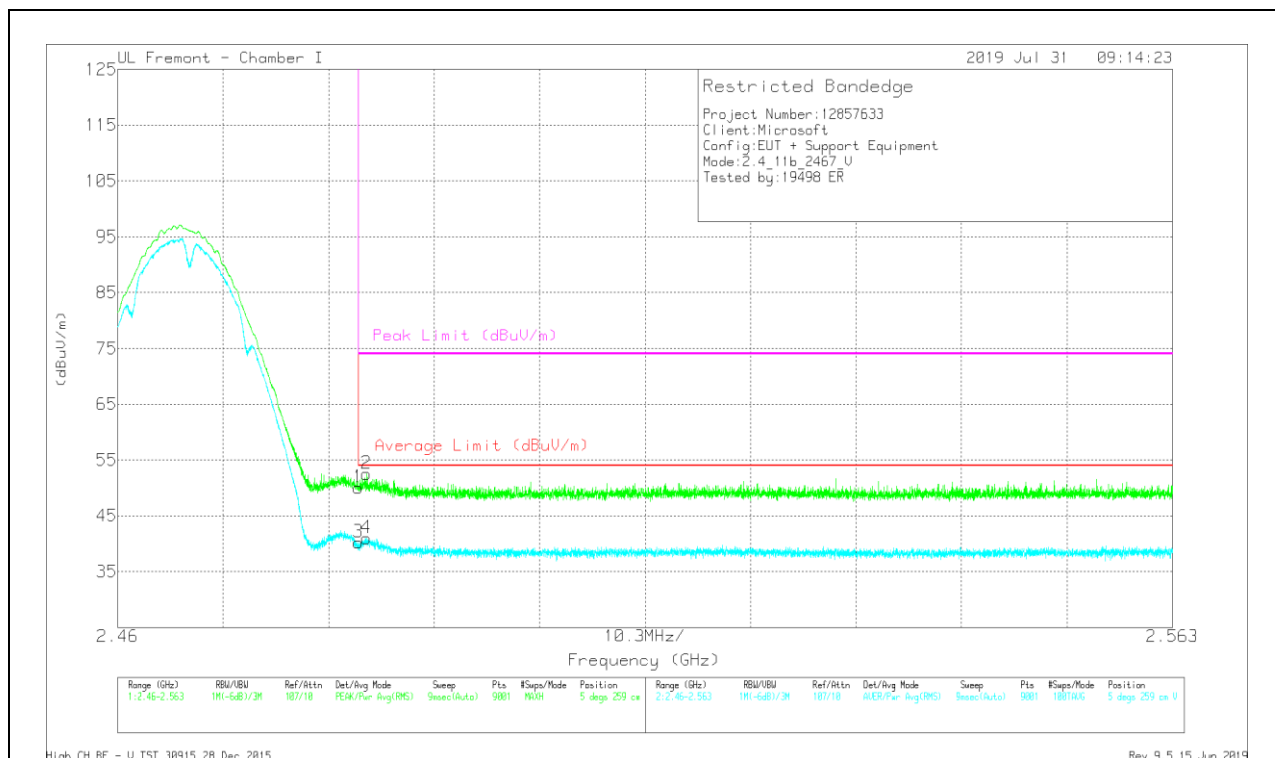
HORIZONTAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T862 (dB/m)	Amp/Cbl/Filt r/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	2.48351	38.26	Pk	32.4	-21.7	48.96	-	-	74	-25.04	105	373	H
2	2.54249	41.46	Pk	32.2	-21.8	51.86	-	-	74	-22.14	105	373	H
3	2.48351	28.11	RMS	32.4	-21.7	38.81	54	-15.19	-	-	105	373	H
4	2.48407	29.62	RMS	32.4	-21.7	40.32	54	-13.68	-	-	105	373	H

Pk - Peak detector
RMS - RMS detection

VERTICAL RESULT

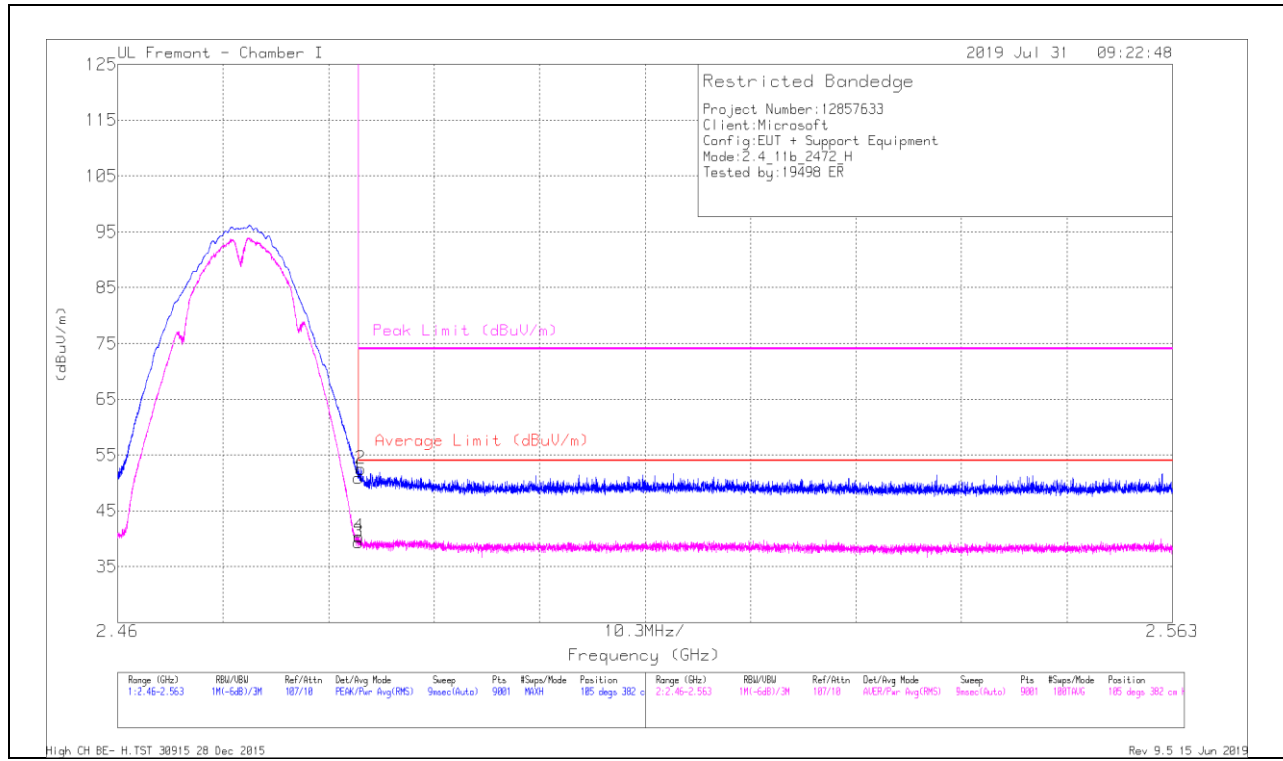


Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T862 (dB/m)	Amp/Cbl/Filt r/Pad (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	2.48351	39.36	Pk	32.4	-21.7	50.06	-	-	74	-23.94	5	259	V
2	2.48428	41.86	Pk	32.4	-21.7	52.56	-	-	74	-21.44	5	259	V
3	2.48351	29.55	RMS	32.4	-21.7	40.25	54	-13.75	-	-	5	259	V
4	2.4843	30.29	RMS	32.4	-21.7	40.99	54	-13.01	-	-	5	259	V

Pk - Peak detector
RMS - RMS detection

BANDEDGE (HIGH CHANNEL, CH 13)

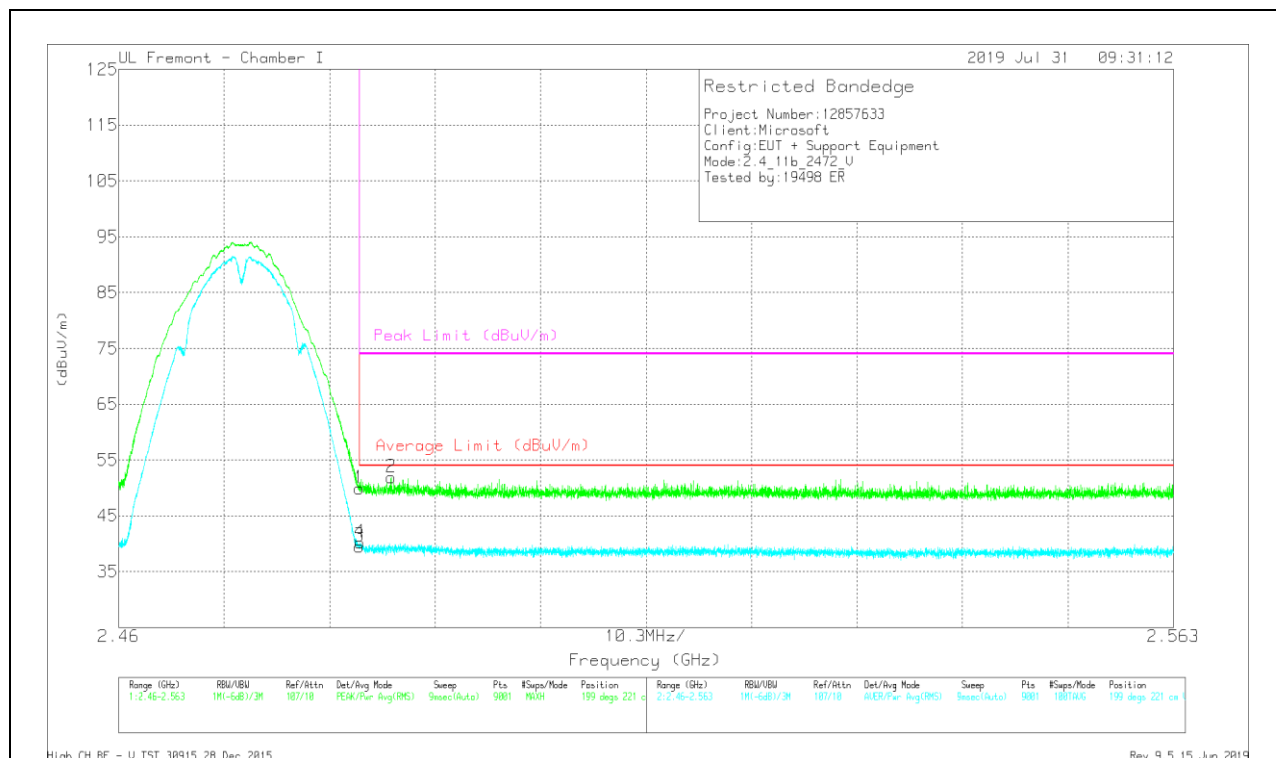
HORIZONTAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T862 (dB/m)	Amp/Cbl/Filt r/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	2.48351	40.17	Pk	32.4	-21.7	50.87	-	-	74	-23.13	105	382	H
2	2.48374	41.88	Pk	32.4	-21.7	52.58	-	-	74	-21.42	105	382	H
3	2.48351	28.66	RMS	32.4	-21.7	39.36	54	-14.64	-	-	105	382	H
4	2.48353	29.63	RMS	32.4	-21.7	40.33	54	-13.67	-	-	105	382	H

Pk - Peak detector
RMS - RMS detection

VERTICAL RESULT

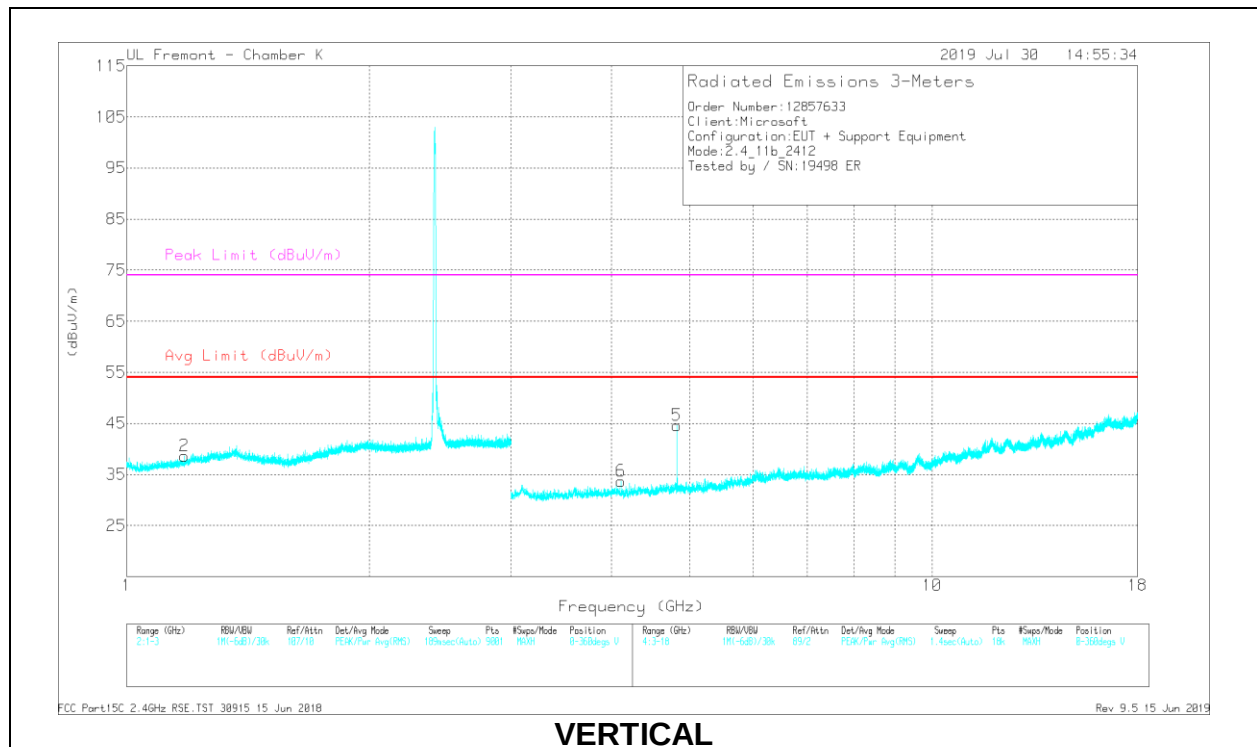
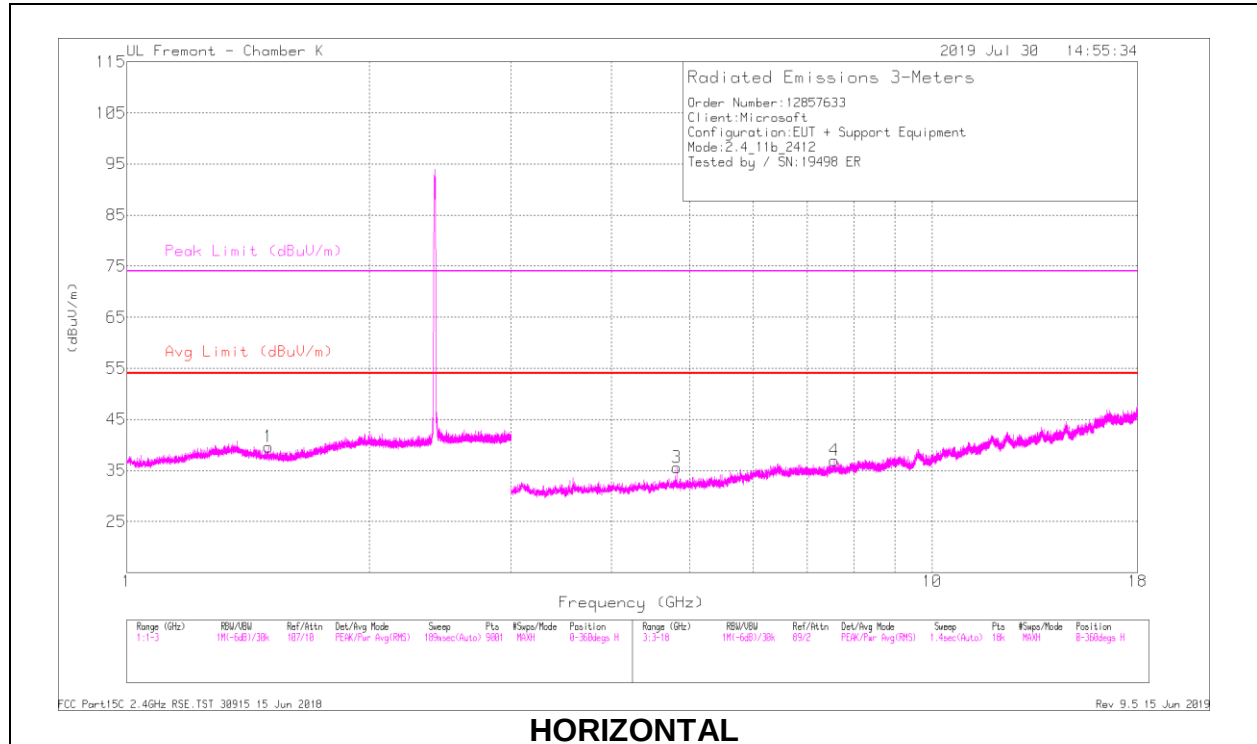


Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T862 (dB/m)	Amp/Cbl/Filt r/Pad (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	2.48351	39.19	Pk	32.4	-21.7	49.89	-	-	74	-24.11	199	221	V
2	2.4866	41.15	Pk	32.4	-21.7	51.85	-	-	74	-22.15	199	221	V
3	2.48351	28.85	RMS	32.4	-21.7	39.55	54	-14.45	-	-	199	221	V
4	2.48353	29.54	RMS	32.4	-21.7	40.24	54	-13.76	-	-	199	221	V

Pk - Peak detector
RMS - RMS detection

HARMONICS AND SPURIOUS EMISSIONS

LOW CHANNEL, CH 1 RESULTS



RADIATED EMISSIONS

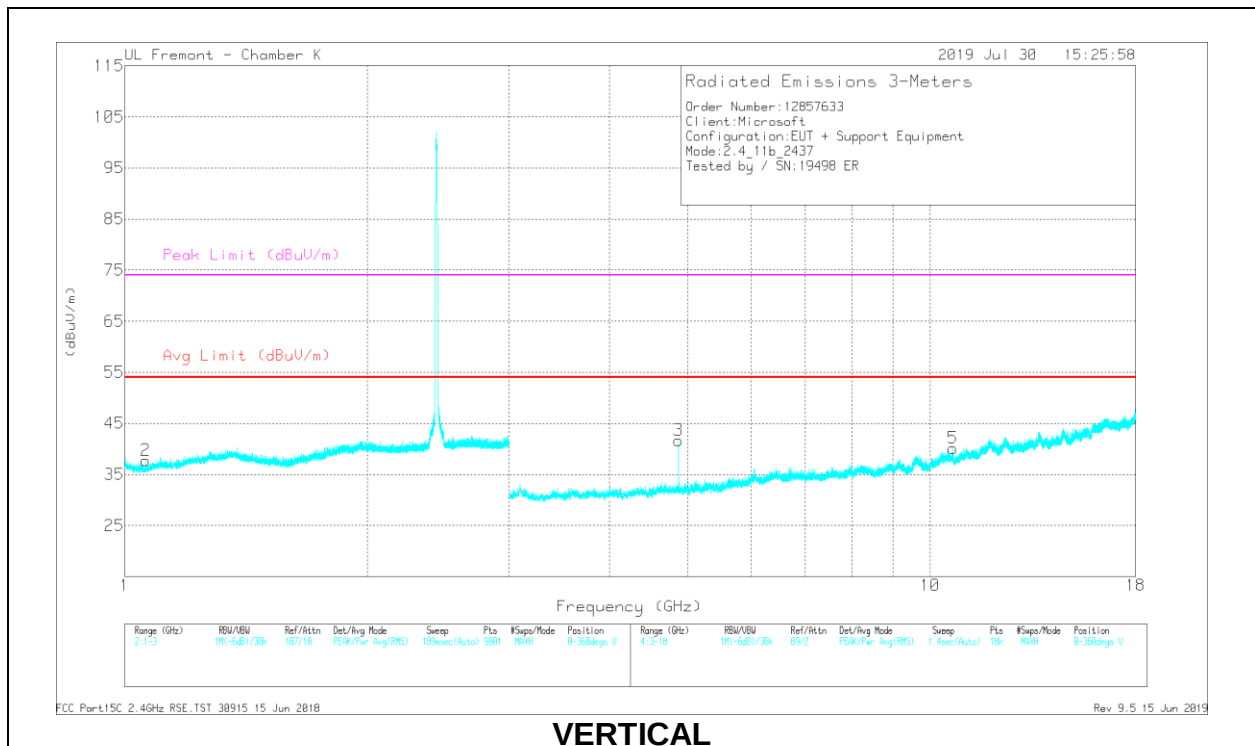
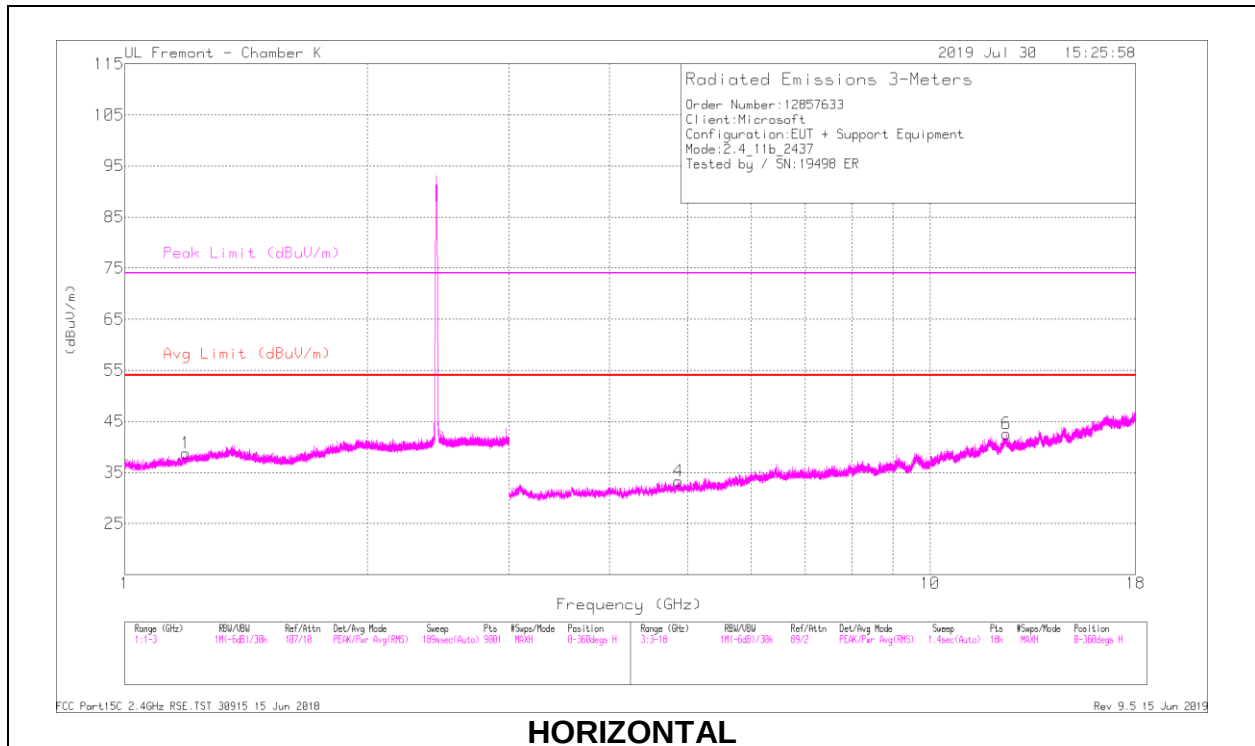
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF EMC4294 (dB/m)	Amp/Cbl/Fit r/Pad (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 1.50067	40.98	PK2	28.1	-23.7	45.38	-	-	74	-28.62	30	161	H
	* 1.49942	31.86	MAv1	28.1	-23.7	36.26	54	-17.74	-	-	30	161	H
2	* 1.17885	39.6	PK2	27.9	-23.9	43.6	-	-	74	-30.4	106	264	V
	* 1.18009	31.05	MAv1	28	-23.9	35.15	54	-18.85	-	-	106	264	V
4	* 7.56134	31.9	PK2	35.6	-25.4	42.1	-	-	74	-31.9	116	130	H
	* 7.56032	23.43	MAv1	35.6	-25.4	33.63	54	-20.37	-	-	116	130	H
3	* 4.82385	45.21	PK2	34.2	-30.4	49.01	-	-	74	-24.99	61	379	H
	* 4.82401	41.15	MAv1	34.2	-30.4	44.95	54	-9.05	-	-	61	379	H
5	* 4.82401	44.42	PK2	34.2	-30.4	48.22	-	-	74	-25.78	330	224	V
	* 4.824	41.83	MAv1	34.2	-30.4	45.63	54	-8.37	-	-	330	224	V
6	* 4.11251	34.57	PK2	33.4	-30.7	37.27	-	-	74	-36.73	221	174	V
	* 4.11316	25.79	MAv1	33.4	-30.7	28.49	54	-25.51	-	-	221	174	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

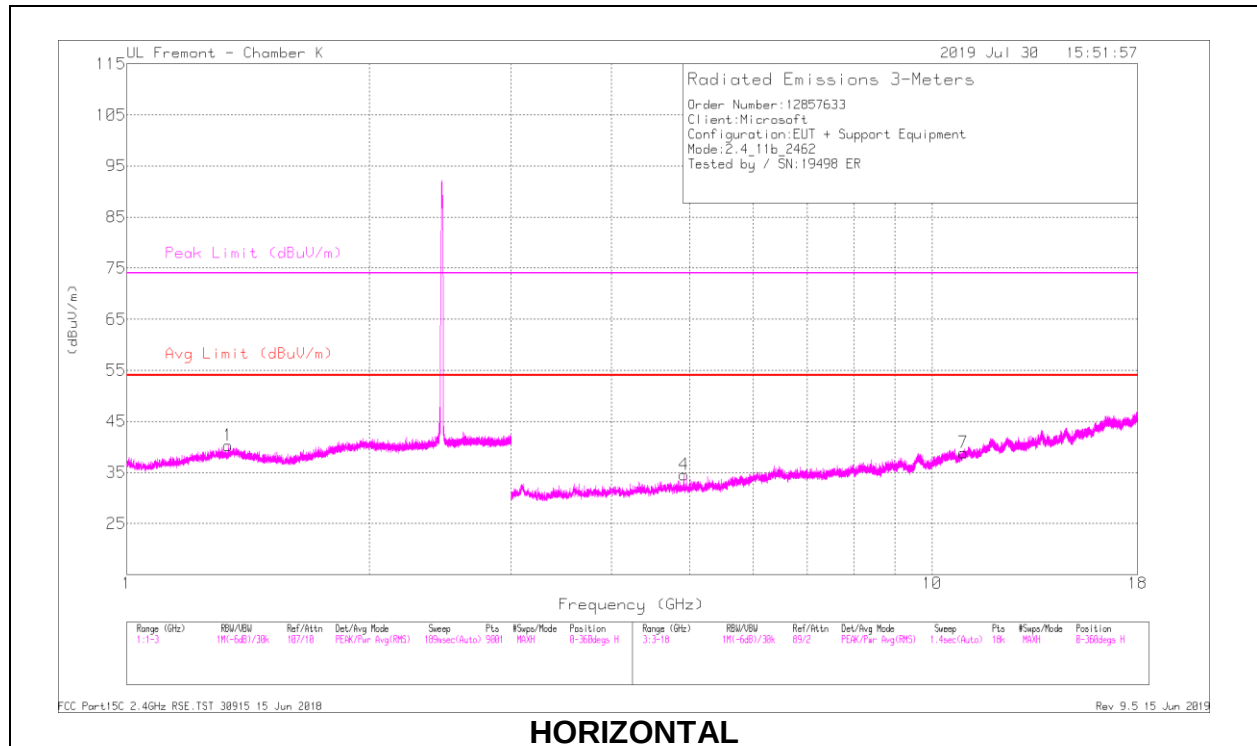
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF EMC4294 (dB/m)	Amp/Cbl/Filt r/Pad (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 1.18948	41.23	PK2	28.2	-24	45.43	-	-	74	-28.57	58	186	H
	* 1.191	31.17	MAv1	28.2	-23.9	35.47	54	-18.53	-	-	58	186	H
2	* 1.0601	40.1	PK2	26.9	-23.7	43.3	-	-	74	-30.7	148	268	V
	* 1.06037	31.09	MAv1	26.9	-23.7	34.29	54	-19.71	-	-	148	268	V
4	* 4.87397	40.25	PK2	34.2	-30.5	43.95	-	-	74	-30.05	47	394	H
	* 4.87399	34.87	MAv1	34.2	-30.5	38.57	54	-15.43	-	-	47	394	H
6	* 12.45336	29.31	PK2	39	-20.1	48.21	-	-	74	-25.79	131	158	H
	* 12.45187	19.64	MAv1	39	-20.1	38.54	54	-15.46	-	-	131	158	H
3	* 4.874	42.16	PK2	34.2	-30.5	45.86	-	-	74	-28.14	333	228	V
	* 4.874	39.08	MAv1	34.2	-30.5	42.78	54	-11.22	-	-	333	228	V
5	* 10.67693	29.55	PK2	37.9	-21.8	45.65	-	-	74	-28.35	339	149	V
	* 10.67993	20.22	MAv1	37.9	-21.8	36.32	54	-17.68	-	-	339	149	V

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

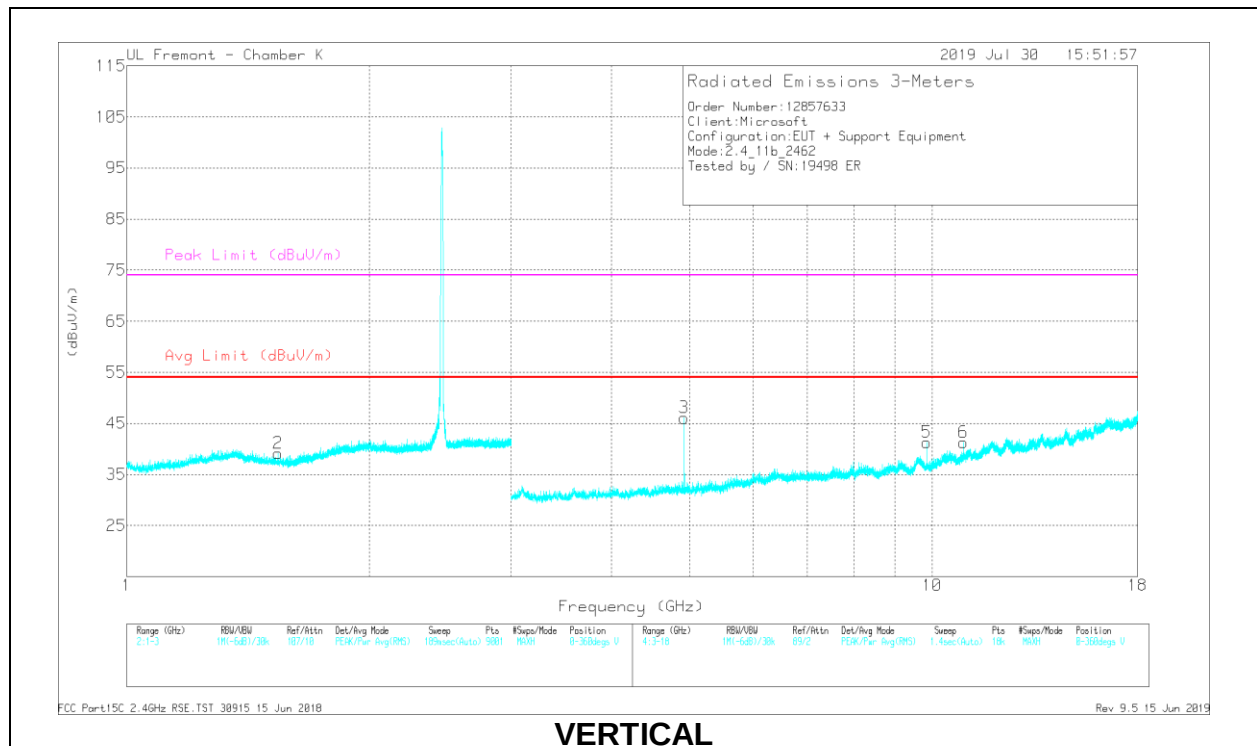
PK2 - KDB558074 Method: Maximum Peak

MAv1 - KDB558074 Option 1 Maximum RMS Average

HIGH CHANNEL, CH 11 RESULTS



HORIZONTAL



VERTICAL

RADIATED EMISSIONS

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF EMC4294 (dB/m)	Amp/Cbl/Filt r/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	* 1.33596	40.74	PK2	29.3	-23.9	46.14	-	-	74	-27.86	128	171	H
	* 1.33689	31.73	MAv1	29.3	-24	37.03	54	-16.97	-	-	128	171	H
2	* 1.54087	41.59	PK2	28.2	-23.9	45.89	-	-	74	-28.11	239	269	V
	* 1.5425	31.49	MAv1	28.2	-23.9	35.79	54	-18.21	-	-	239	269	V
7	* 10.93308	30.21	PK2	37.9	-21.5	46.61	-	-	74	-27.39	318	134	H
	* 10.93441	20.45	MAv1	37.9	-21.5	36.85	54	-17.15	-	-	318	134	H
4	* 4.924	39.91	PK2	34.1	-30.6	43.41	-	-	74	-30.59	338	362	H
	* 4.92398	35.33	MAv1	34.1	-30.6	38.83	54	-15.17	-	-	338	362	H
6	* 10.9342	30.06	PK2	37.9	-21.5	46.46	-	-	74	-27.54	127	244	V
	* 10.93658	20.57	MAv1	37.9	-21.6	36.87	54	-17.13	-	-	127	244	V
3	* 4.92403	45.82	PK2	34.1	-30.6	49.32	-	-	74	-24.68	328	244	V
	* 4.924	43.65	MAv1	34.1	-30.6	47.15	54	-6.85	-	-	328	244	V
5	9.84792	34.95	PK2	37	-23.2	48.75	-	-	-	-	24	200	V

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

PK2 - KDB558074 Method: Maximum Peak

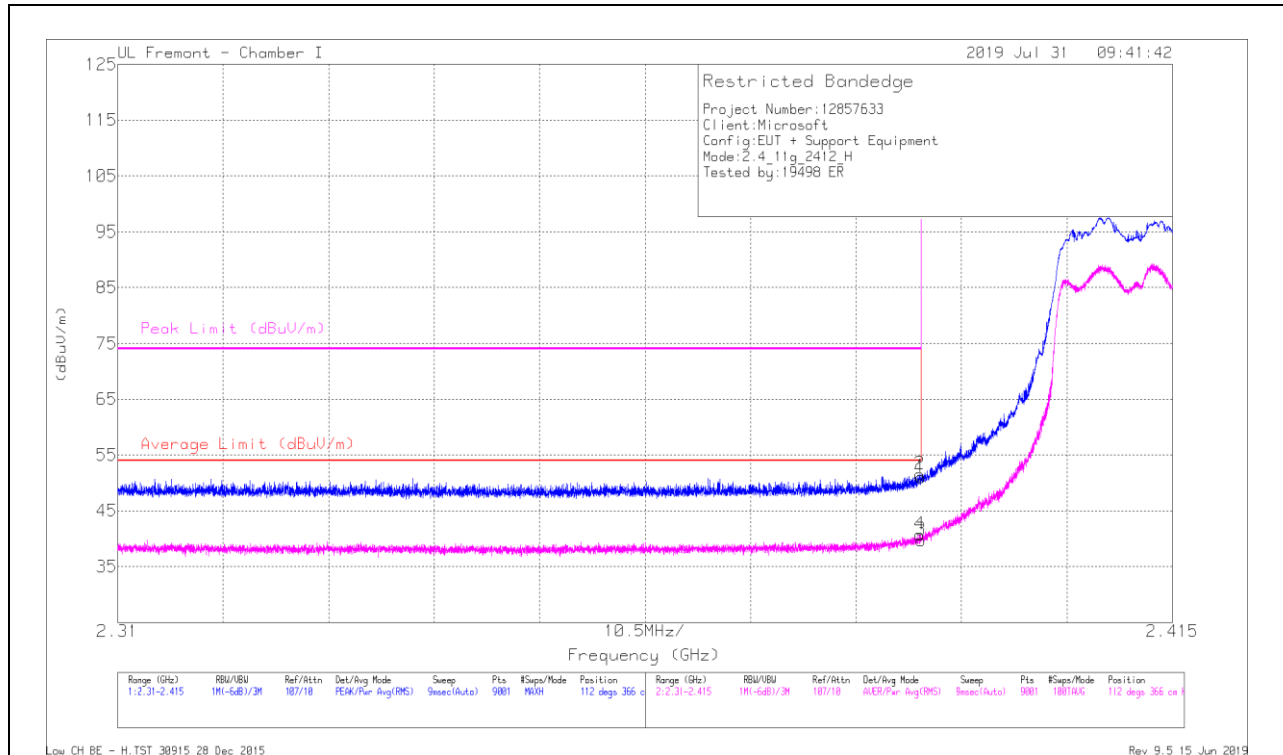
MAv1 - KDB558074 Option 1 Maximum RMS Average

9.1.2. 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)

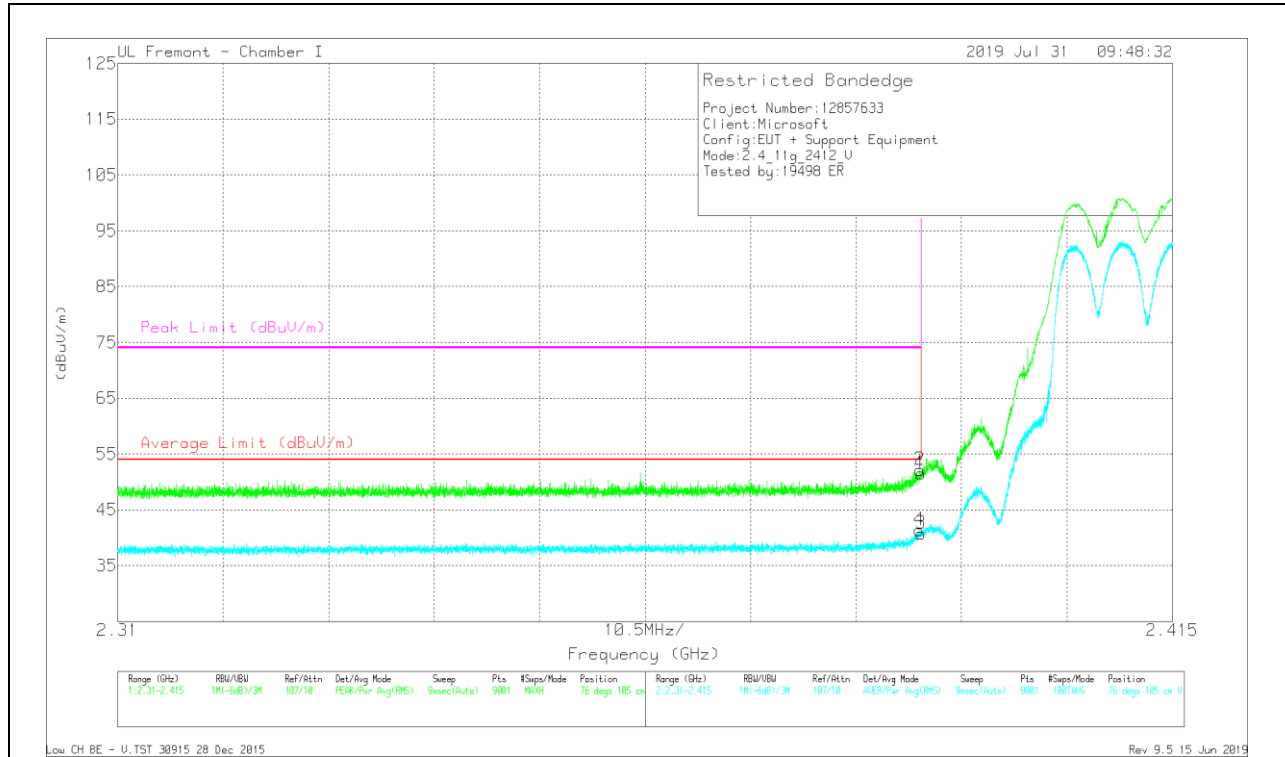
HORIZONTAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T862 (dBm)	Amp/Ch/Filter/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	2.38999	40.69	Pk	31.9	-21.6	0	50.99	-	-	74	-23.01	112	366	H
2	2.38983	41.18	Pk	31.9	-21.6	0	51.48	-	-	74	-22.52	112	366	H
3	2.38999	29.27	RMS	31.9	-21.6	22	39.79	54	-14.21	-	-	112	366	H
4	2.38983	30.19	RMS	31.9	-21.6	22	40.71	54	-13.29	-	-	112	366	H

Pk - Peak detector
RMS - RMS detection

VERTICAL RESULT

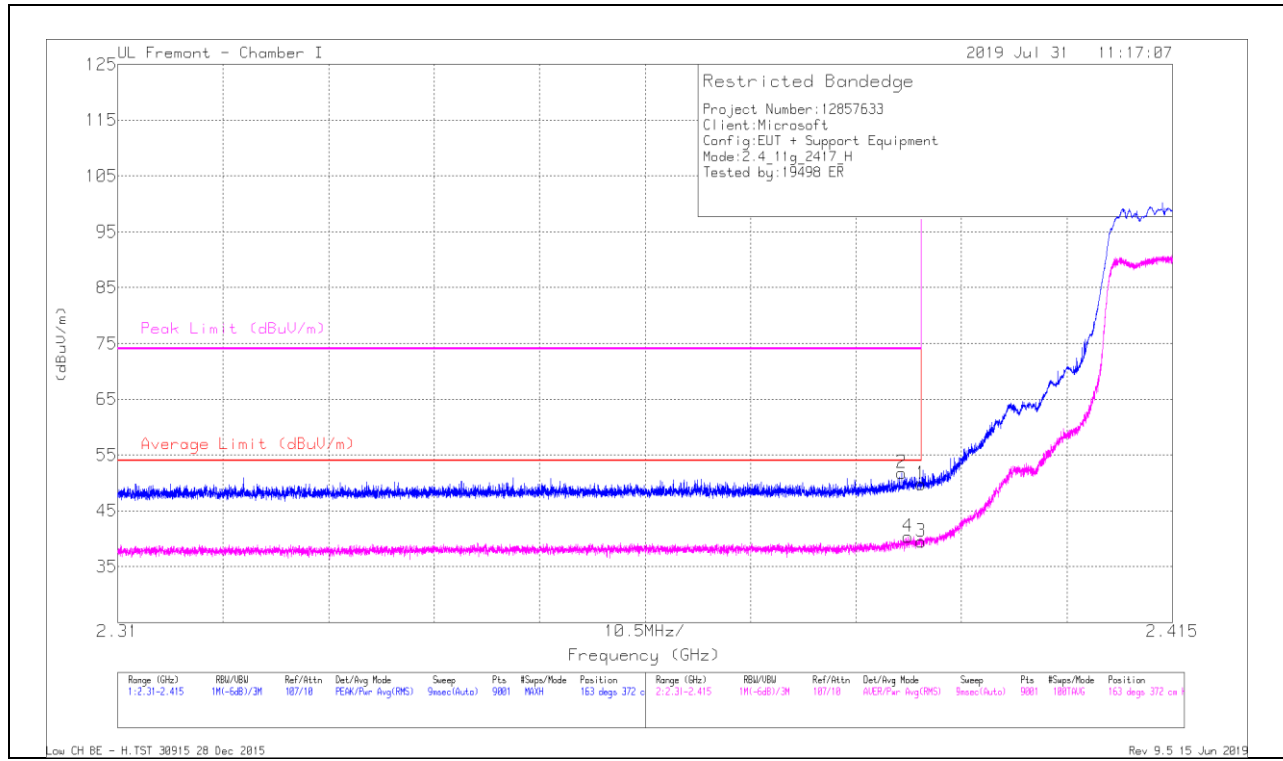


Marker	Frequency (GHz)	Meter Reading (dBUV)	Det	AF T862 (dBm)	Amp/CM/Ftr/Pa d (dB)	DC Corr (dB)	Corrected Reading (dBUV/m)	Average Limit (dBUV/m)	Margin (dB)	Peak Limit (dBUV/m)	PK Margin (dB)	Acimuth (Degs)	Height (cm)	Polarity
1	2.38999	41.2	Pk	31.9	-21.6	0	51.5	-	-	74	-22.5	76	105	V
2	2.38985	41.82	PK	31.9	-21.6	0	52.12	-	-	74	-21.88	76	105	V
3	2.38999	30.16	RMS	31.9	-21.6	.22	40.68	54	-13.32	-	-	76	105	V
4	2.3898	30.81	RMS	31.9	-21.6	.22	41.33	54	-12.67	-	-	76	105	V

Pk - Peak detector
RMS - RMS detection

BANDEDGE (LOW CHANNEL, CH 2)

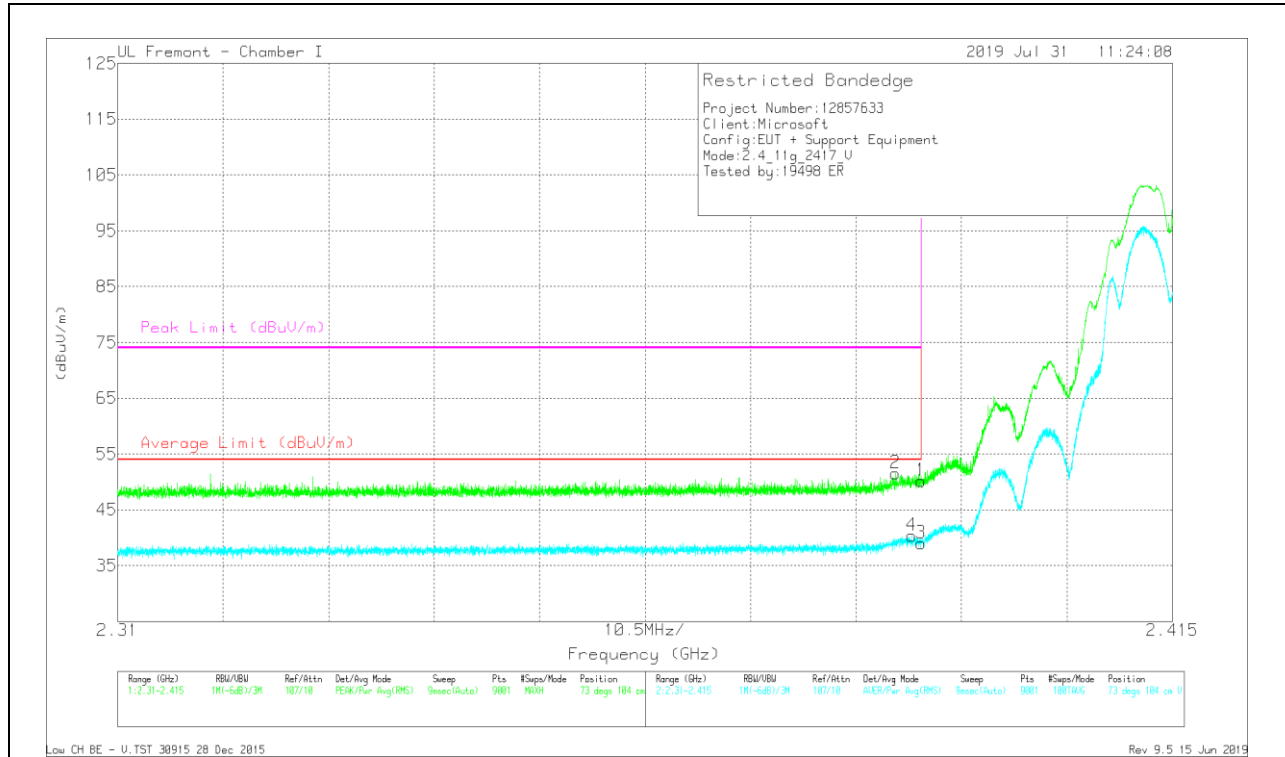
HORIZONTAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T862 (dB/m)	Amp/Cbl/Filtr/Par 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	2.38999	39.46	Pk	31.9	-21.6	0	49.76	-	-	74	-24.24	163	372	H
2	2.38803	41.48	Pk	31.9	-21.6	0	51.78	-	-	74	-22.22	163	372	H
3	2.38999	29.01	RMS	31.9	-21.6	22	39.53	54	-14.47	-	-	163	372	H
4	2.38865	29.82	RMS	31.9	-21.6	22	40.34	54	-13.66	-	-	163	372	H

Pk - Peak detector
RMS - RMS detection

VERTICAL RESULT

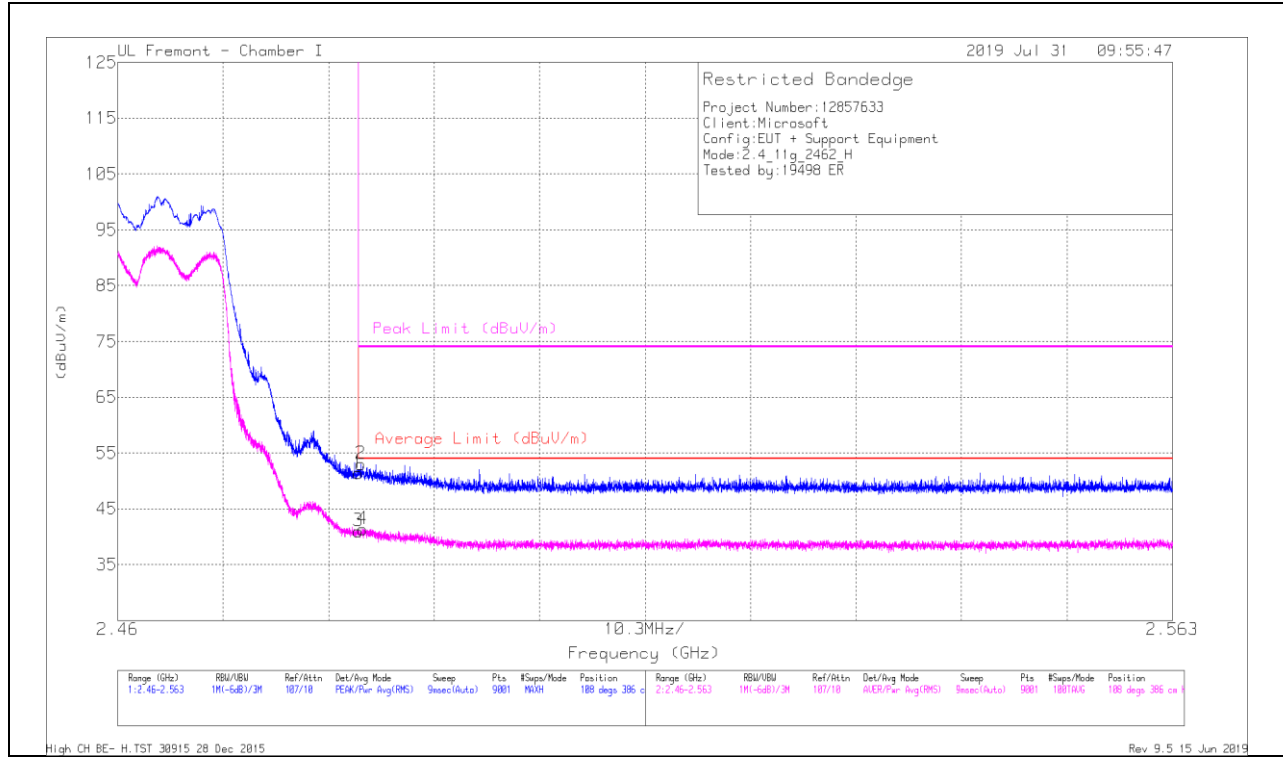


Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T862 (dB/m)	Amp/Cb/Filter/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	2.38999	39.88	Pk	31.9	-21.6	0	50.18	-	-	74	-23.82	73	104	V
2	2.38743	41.18	Pk	31.9	-21.6	0	51.48	-	-	74	-22.52	73	104	V
3	2.38999	28.72	RMS	31.9	-21.6	22	39.24	54	-14.76	-	-	73	104	V
4	2.38903	30.06	RMS	31.9	-21.6	22	40.58	54	-13.42	-	-	73	104	V

Pk - Peak detector
RMS - RMS detection

BANDEDGE (HIGH CHANNEL, CH 11)

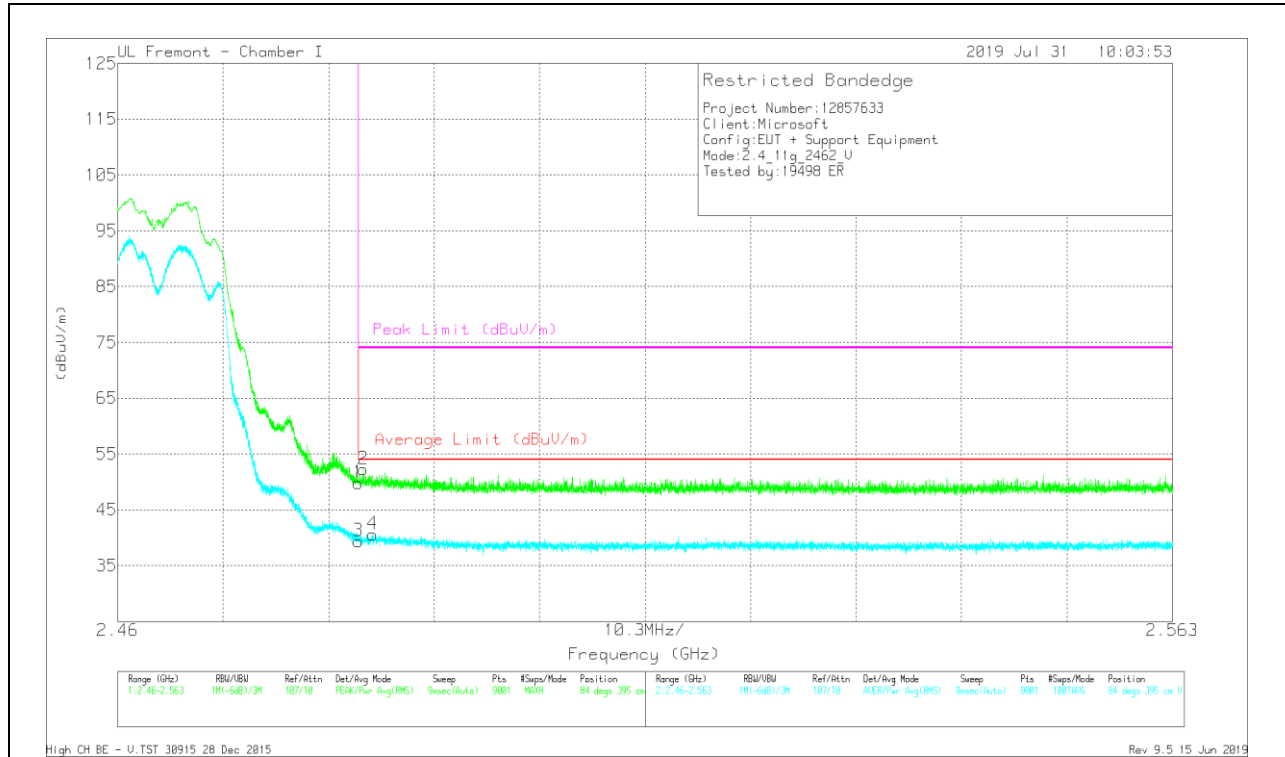
HORIZONTAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T862 (dB/m)	Amp/Cbl/Filt/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	2.48351	40.66	Pk	32.4	-21.7	0	51.36	-	-	74	-22.64	108	386	H
2	2.48377	42.31	Pk	32.4	-21.7	0	53.01	-	-	74	-20.99	108	386	H
3	2.48351	30.05	RMS	32.4	-21.7	22	40.97	54	-13.03	-	-	108	386	H
4	2.48392	30.47	RMS	32.4	-21.7	22	41.39	54	-12.61	-	-	108	386	H

Pk - Peak detector
RMS - RMS detection

VERTICAL RESULT

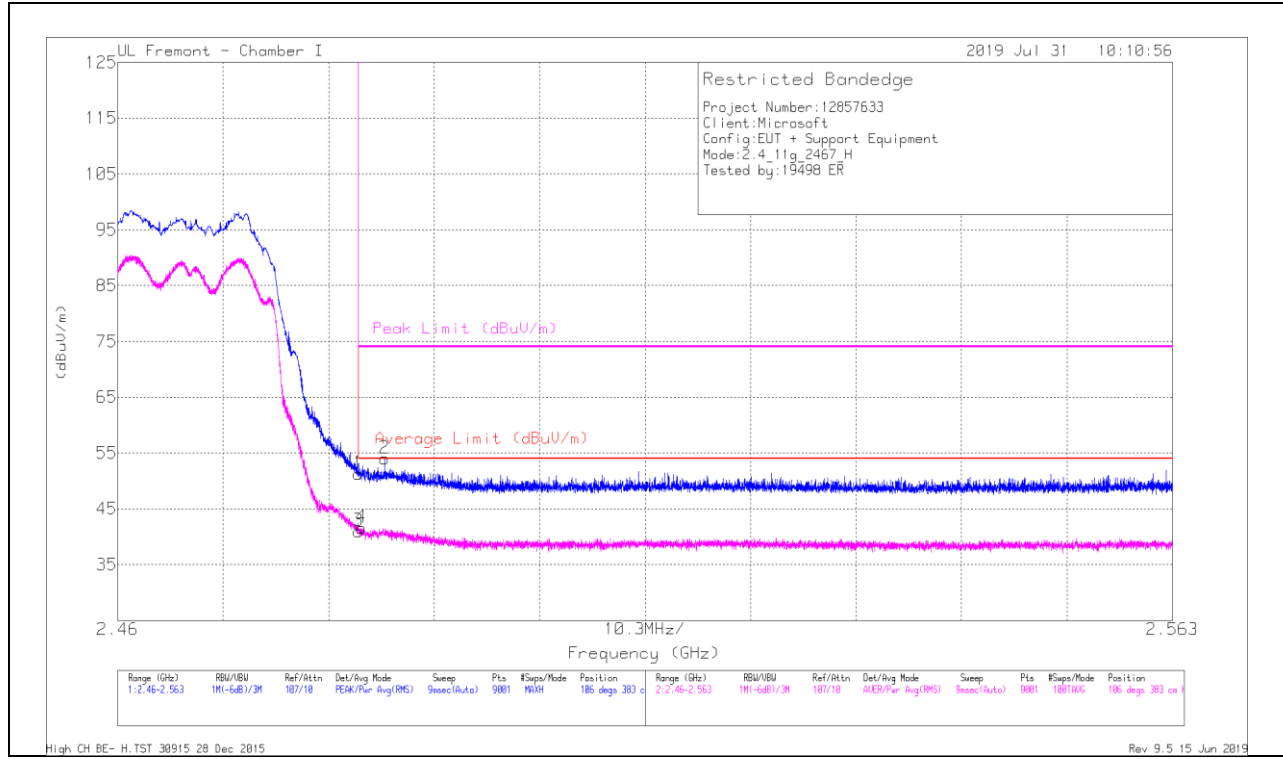


Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T862 (dBm)	Amp/CM/Ftr/Pa d (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	2.48351	39.1	Pk	32.4	-21.7	0	49.8	-	-	74	-24.2	84	395	V
2	2.48396	41.61	PK	32.4	-21.7	0	52.31	-	-	74	-21.69	84	395	V
3	2.48351	28.46	RMS	32.4	-21.7	.22	39.38	54	-14.62	-	-	84	395	V
4	2.48489	29.84	RMS	32.4	-21.8	.22	40.66	54	-13.34	-	-	84	395	V

PK - Peak detector
RMS - RMS detection

BANDEDGE (HIGH CHANNEL, CH 12)

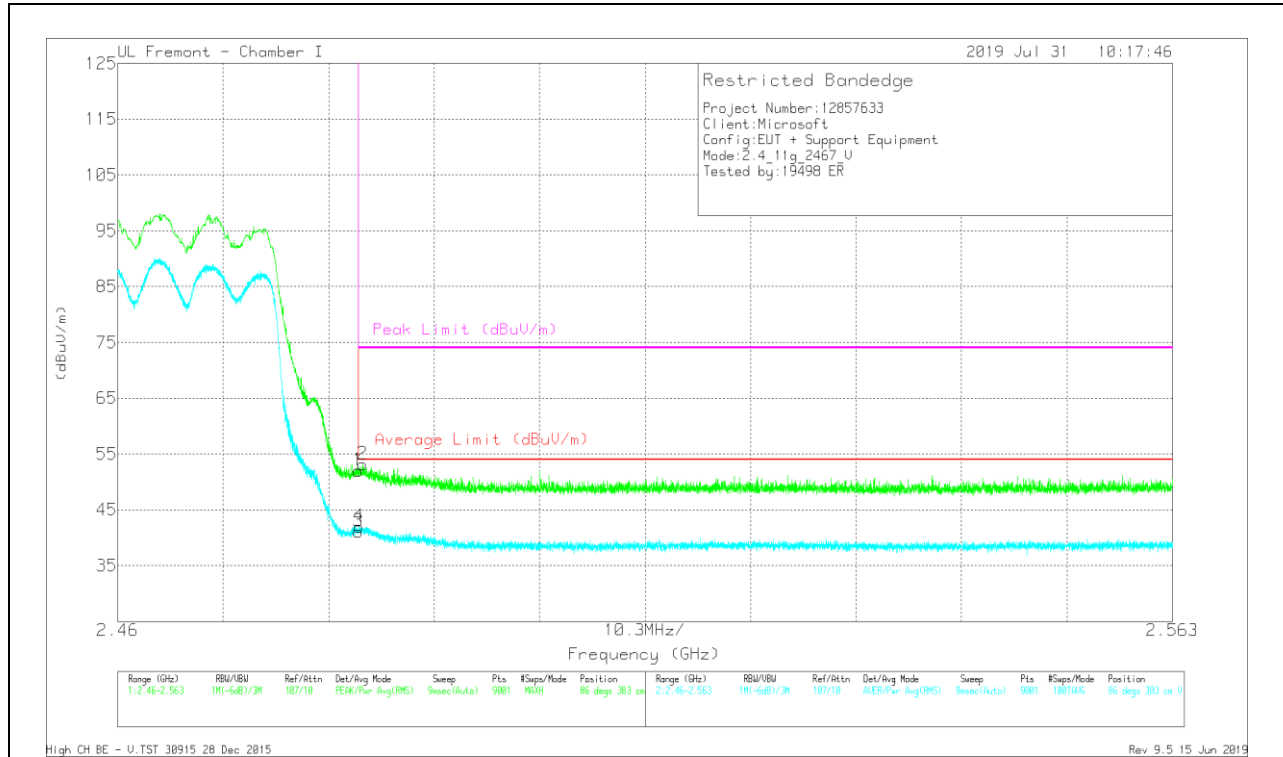
HORIZONTAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T862 (dB/m)	Amp/Cbl/Filr/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	2.48351	40.62	Pk	32.4	-21.7	0	51.32	-	-	74	-22.68	106	383	H
2	2.48606	43.36	Pk	32.4	-21.8	0	53.96	-	-	74	-20.04	106	383	H
3	2.48351	30.07	RMS	32.4	-21.7	22	40.99	54	-13.01	-	-	106	383	H
4	2.48383	30.69	RMS	32.4	-21.7	22	41.61	54	-12.39	-	-	106	383	H

Pk - Peak detector
RMS - RMS detection

VERTICAL RESULT

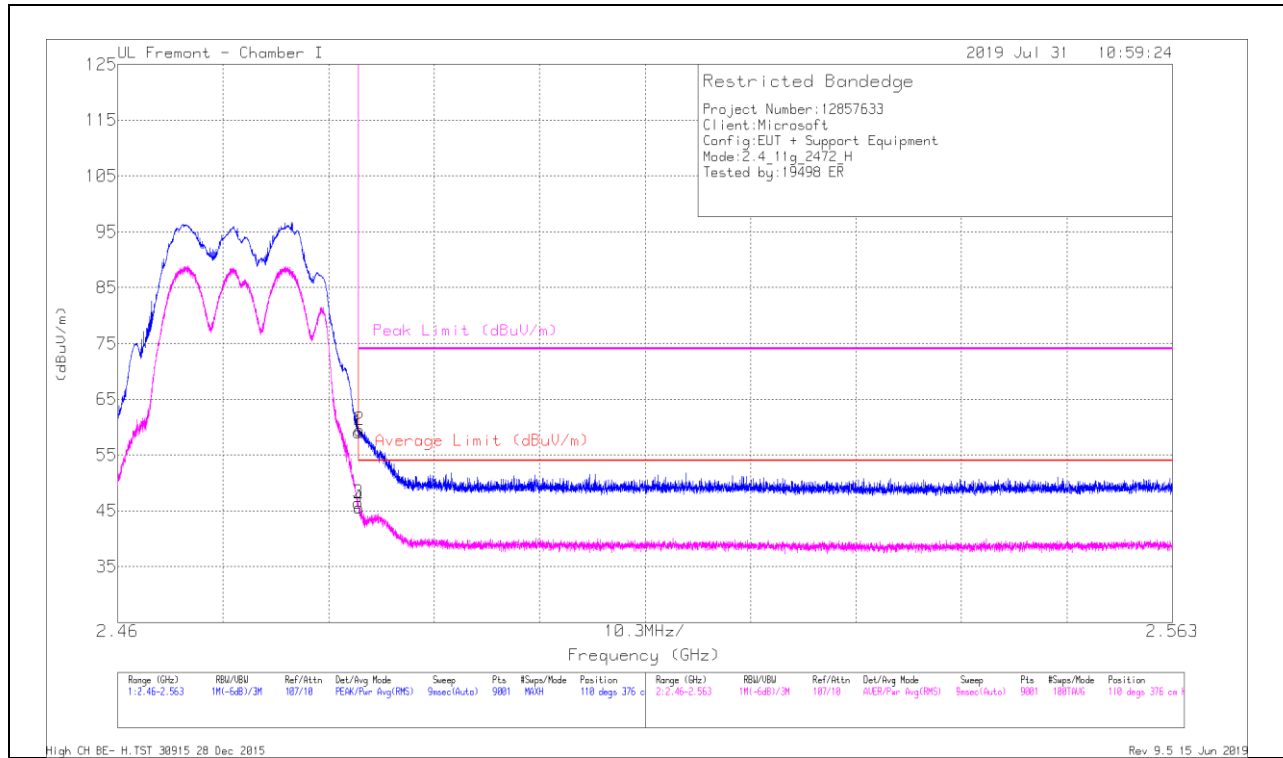


Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T862 (dBm)	Amp/CM/Ftr/Pa d (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	2.48351	41.3	Pk	32.4	-21.7	0	52	-	-	74	-22	86	383	V
2	2.48393	42.43	PK	32.4	-21.7	0	53.13	-	-	74	-20.87	86	383	V
3	2.48351	30.14	RMS	32.4	-21.7	.22	41.06	54	-12.94	-	-	86	383	V
4	2.48354	31.03	RMS	32.4	-21.7	.22	41.95	54	-12.05	-	-	86	383	V

PK - Peak detector
RMS - RMS detection

BANDEDGE (HIGH CHANNEL, CH 13)

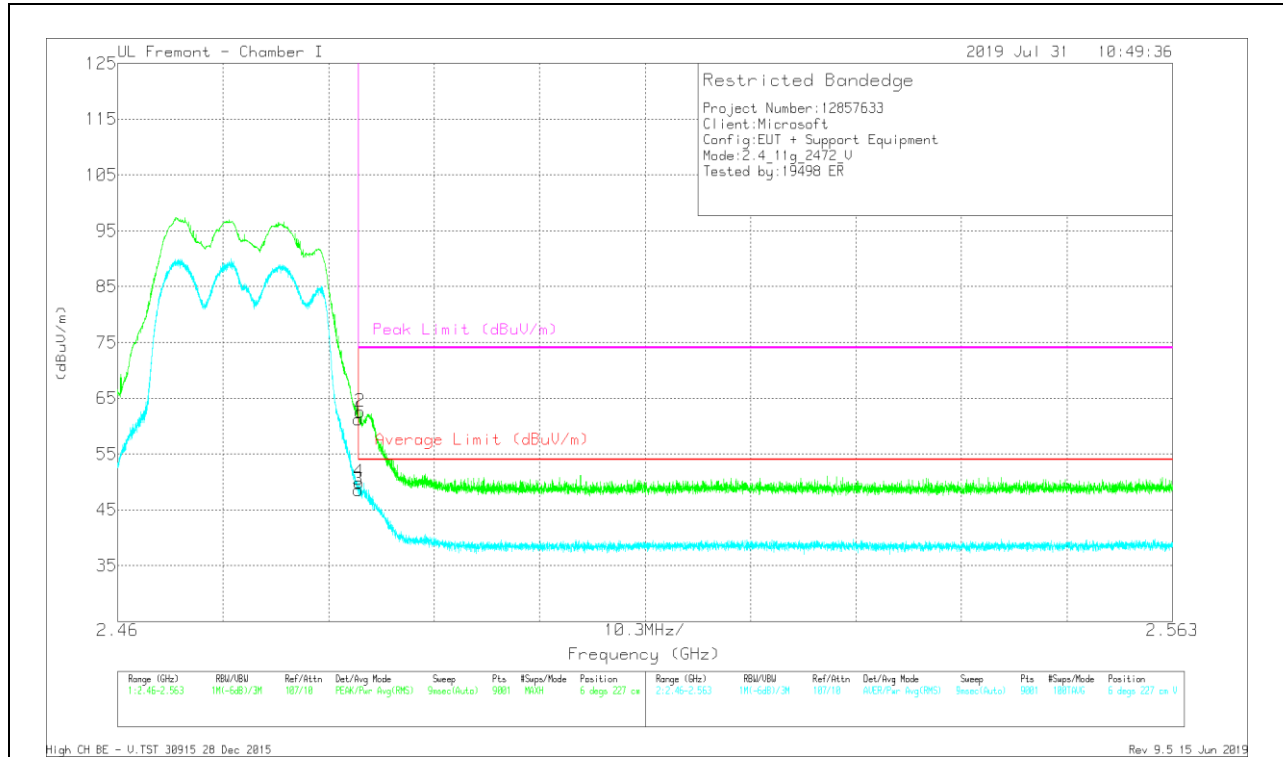
HORIZONTAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T862 (dB/m)	Ampl/Cbl/Fitr/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	2.48351	48.36	Pk	32.4	-21.7	0	59.06	-	-	74	-14.94	110	376	H
2	2.4836	48.79	Pk	32.4	-21.7	0	59.49	-	-	74	-14.51	110	376	H
3	2.48351	35.57	RMS	32.4	-21.7	22	46.49	54	-7.51	-	-	110	376	H
4	2.48355	34.62	RMS	32.4	-21.7	22	45.54	54	-8.46	-	-	110	376	H

Pk - Peak detector
RMS - RMS detection

VERTICAL RESULT

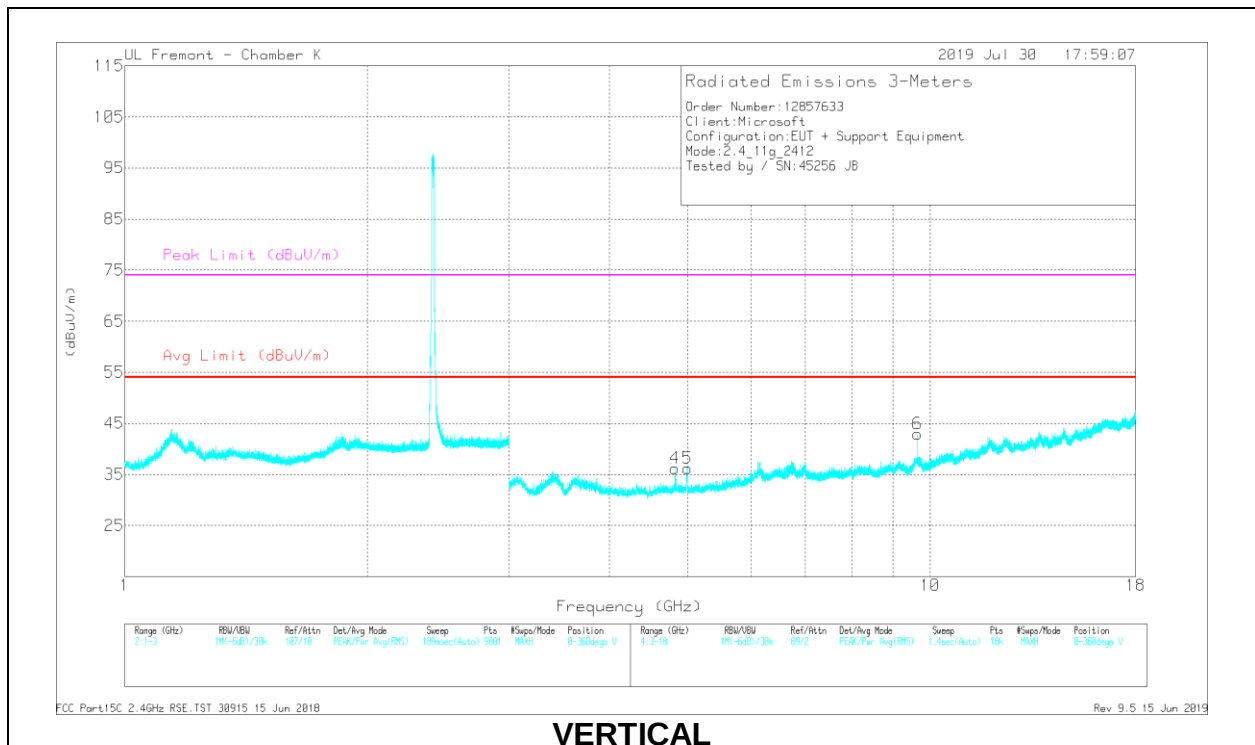
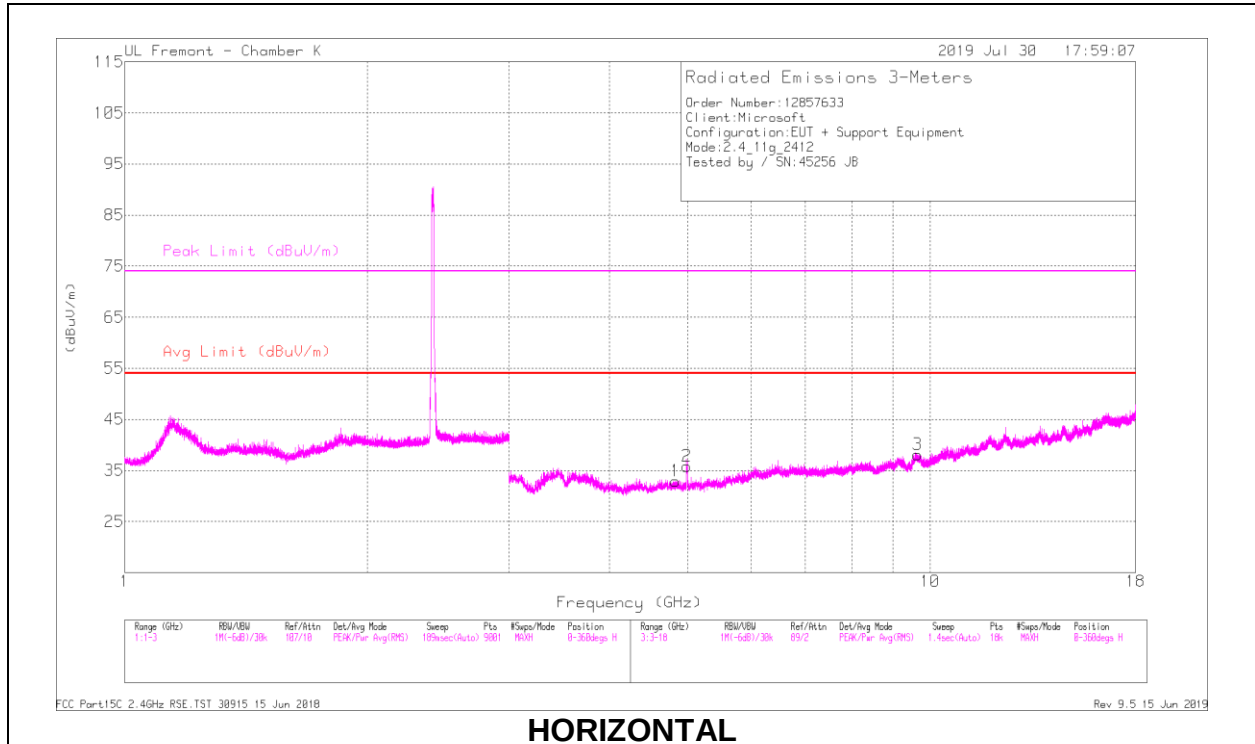


Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T862 (dBm)	Amp(CMU)Ftr(Pa d (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Asimuth (Degs)	Height (cm)	Polarity
1	2.48351	50.47	Pk	32.4	-21.7	0	61.17	-	-	74	-12.83	6	227	V
2	2.4837	51.84	PK	32.4	-21.7	0	62.54	-	-	74	-11.46	6	227	V
3	2.48351	37.63	RMS	32.4	-21.7	22	48.55	54	-5.45	-	-	6	227	V
4	2.48355	38.97	RMS	32.4	-21.7	22	49.89	54	-4.11	-	-	6	227	V

Pk - Peak detector
RMS - RMS detection

HARMONICS AND SPURIOUS EMISSIONS

LOW CHANNEL, CH 1 RESULTS



RADIATED EMISSIONS

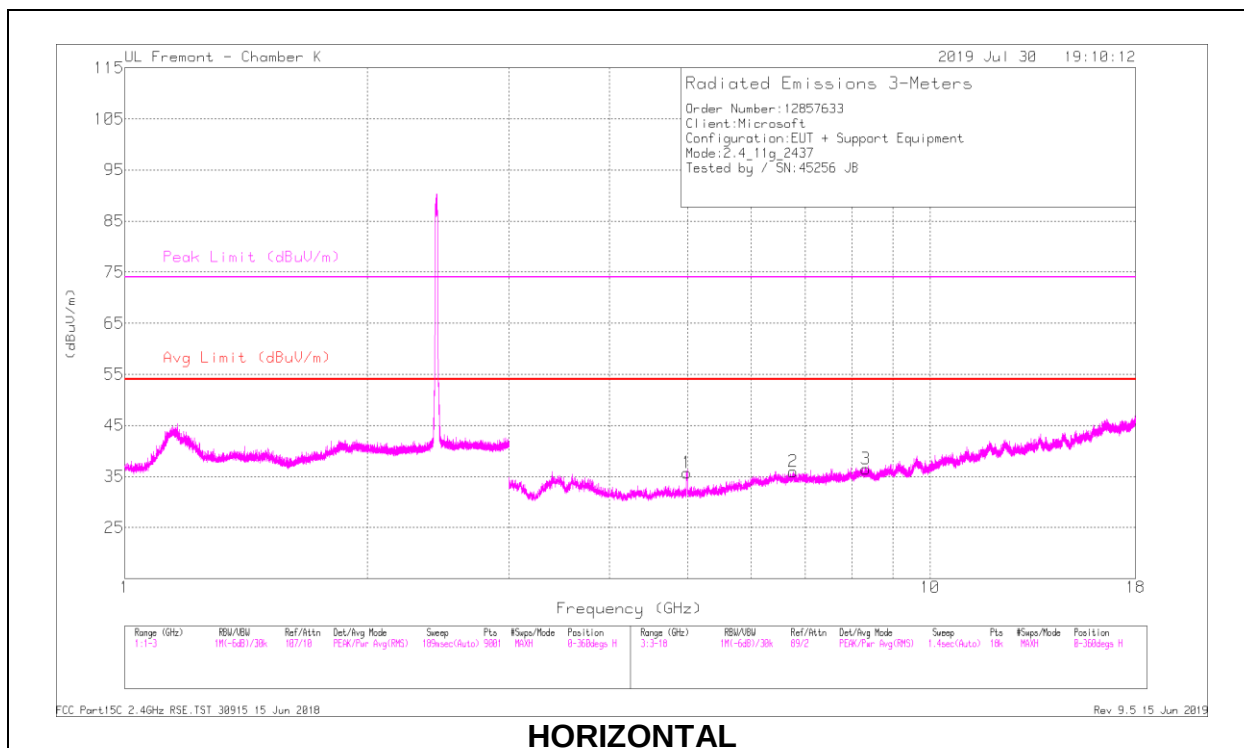
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF EMC4294 (dB/m)	Amp/Cbl/FI tr/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 4.83421	36.03	PK2	34.2	-30.3	0	39.93	-	-	74	-34.07	237	358	H
	* 4.8345	26.82	MAv1	34.2	-30.3	22	30.94	54	-23.06	-	-	237	358	H
3	* 4.98525	45.67	PK2	34.1	-30.4	0	49.37	-	-	74	-24.63	250	192	H
	* 4.98395	30.05	MAv1	34.1	-30.4	22	33.97	54	-20.03	-	-	250	192	H
3	9.64787	24.44	PK	37.1	-23.4	0	38.14	-	-	-	-	0-360	101	H
4	* 4.82428	40.56	PK2	34.2	-30.4	0	44.36	-	-	74	-29.64	322	240	V
	* 4.82408	30.9	MAv1	34.2	-30.4	22	34.92	54	-19.08	-	-	322	240	V
5	* 4.99645	44.04	PK2	34.1	-30.4	0	47.74	-	-	74	-26.26	55	254	V
	* 4.99749	29.78	MAv1	34.1	-30.4	22	33.7	54	-20.3	-	-	55	254	V
6	9.64787	29.25	PK	37.1	-23.4	0	42.95	-	-	-	-	0-360	200	V

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

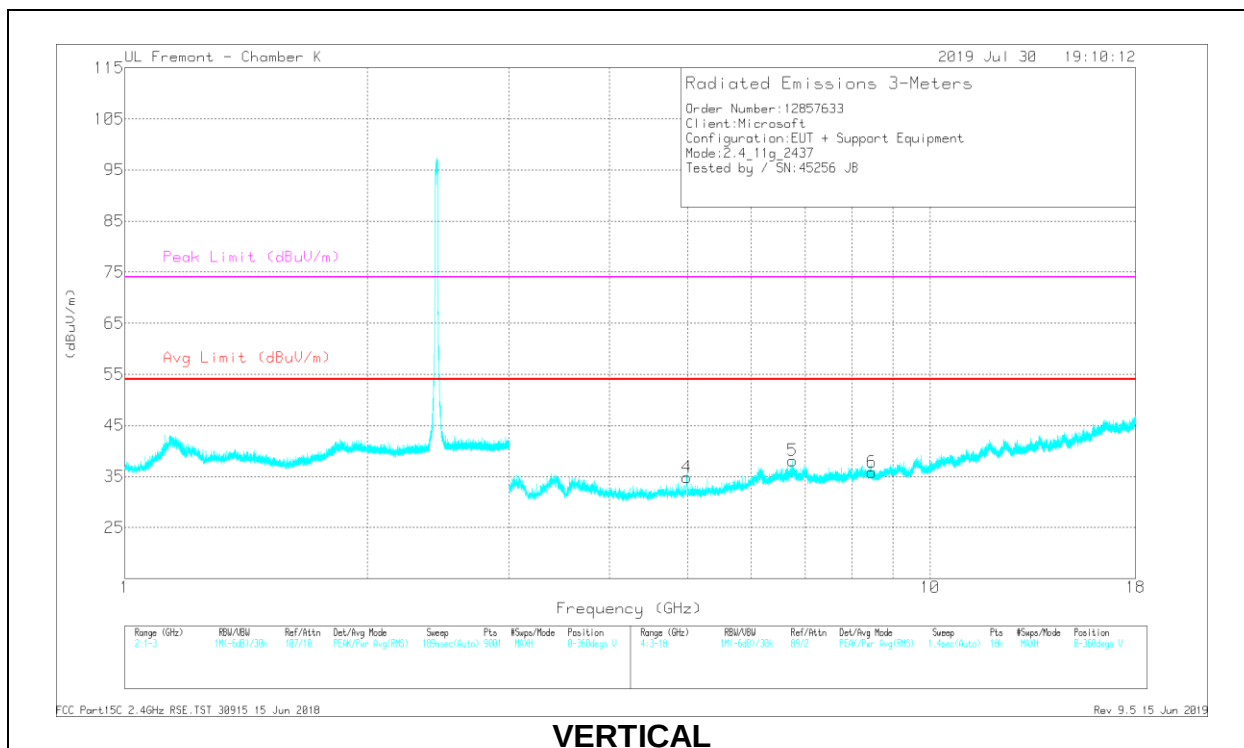
PK2 - KDB558074 Method: Maximum Peak

MAv1 - KDB558074 Option 1 Maximum RMS Average

MID CHANNEL, CH 6 RESULTS



HORIZONTAL



VERTICAL

RADIATED EMISSIONS

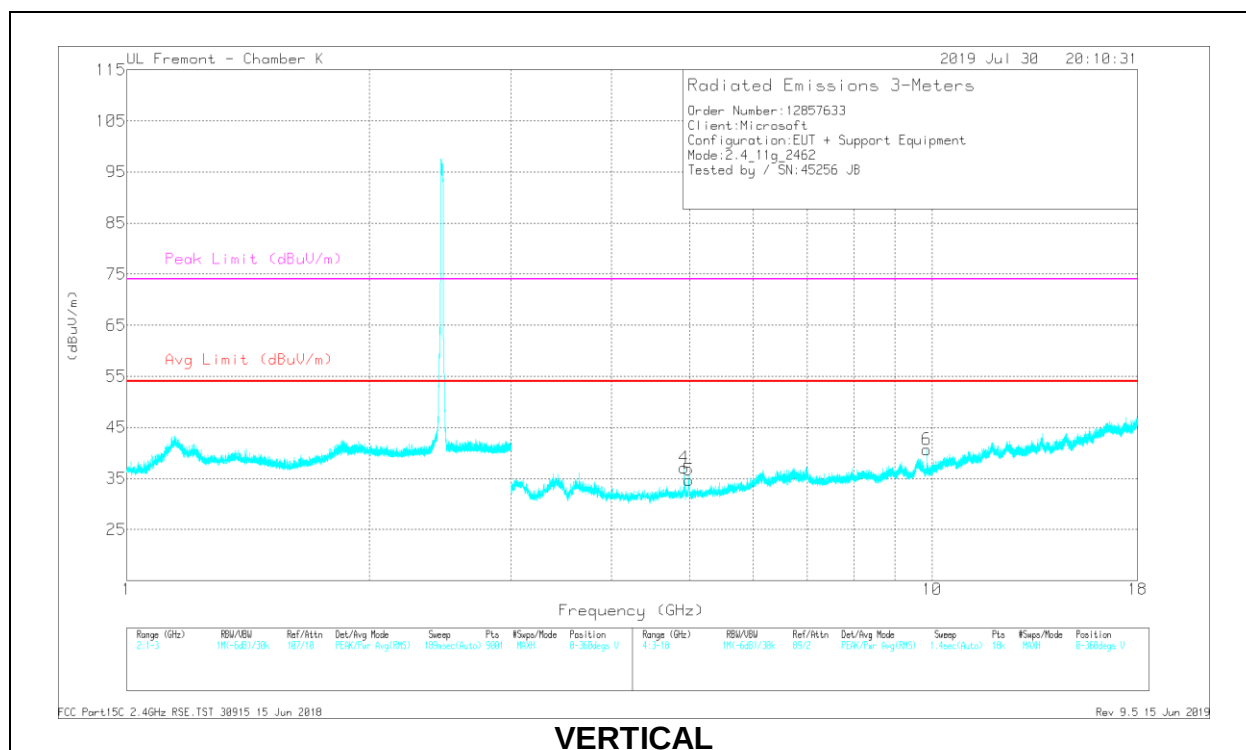
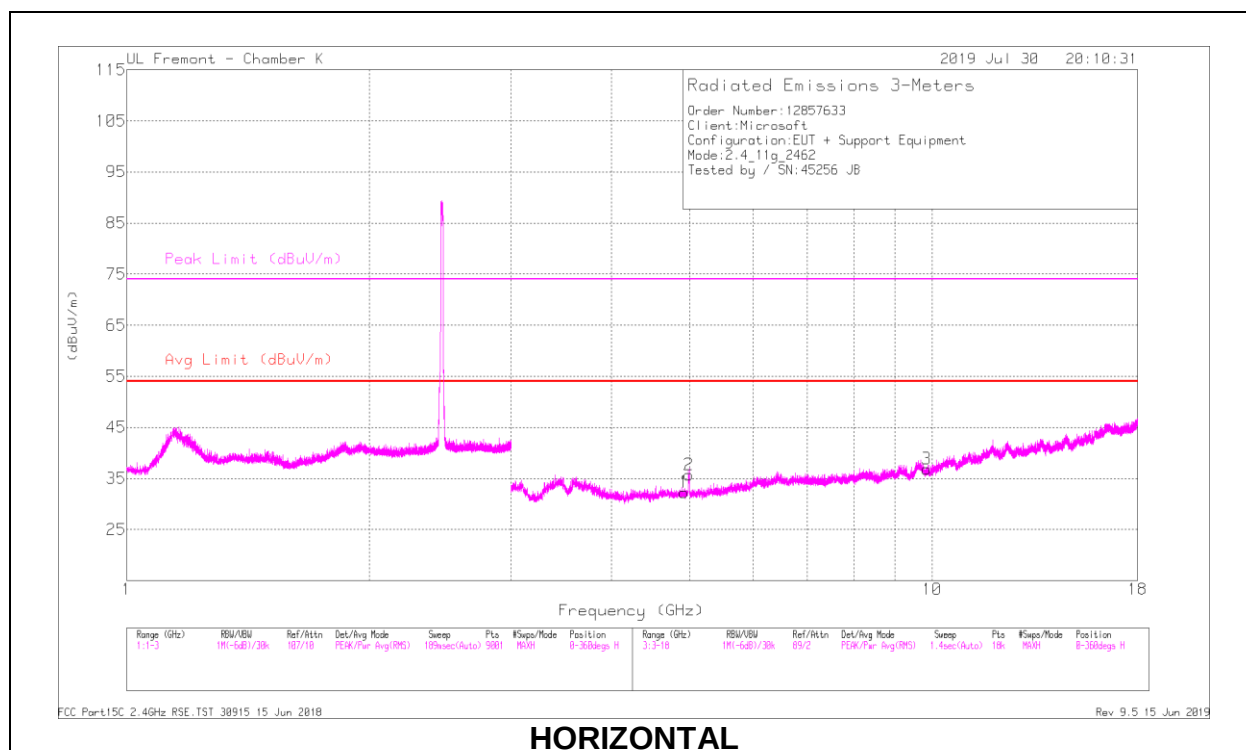
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF EMC4294 (dB/m)	Amp/Cbl/FI tr/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 4.98807	45.59	PK2	34.1	-30.4	0	49.29	-	-	74	-24.71	251	180	H
	* 4.99044	29.24	MAv1	34.1	-30.4	.22	33.16	54	-20.84	-	-	251	180	H
2	6.76188	26.84	PK	35.8	-26.7	0	35.94	-	-	-	-	0-360	200	H
3	* 8.32376	32.28	PK2	35.9	-24.6	0	43.58	-	-	74	-30.42	218	186	H
	* 8.32396	22.69	MAv1	35.9	-24.6	.22	34.21	54	-19.79	-	-	218	186	H
4	* 4.99246	44.8	PK2	34.1	-30.4	0	48.5	-	-	74	-25.5	59	242	V
	* 4.99151	29.83	MAv1	34.1	-30.4	.22	33.75	54	-20.25	-	-	59	242	V
5	6.75438	29.05	PK	35.7	-26.6	0	38.15	-	-	-	-	0-360	101	V
6	* 8.46573	32.26	PK2	35.9	-24.6	0	43.56	-	-	74	-30.44	309	385	V
	* 8.46342	22.41	MAv1	35.9	-24.6	.22	33.93	54	-20.07	-	-	309	385	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 EMC4294 (dB/m)	Amp/CbI/FI tr/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	* 4.9199	35.9	PK2	34.1	-30.6	0	39.4	-	-	74	-34.6	254	300	H
	* 4.92044	26.9	MAv1	34.1	-30.6	.22	30.62	54	-23.38	-	-	254	300	H
2	* 4.98546	46.08	PK2	34.1	-30.4	0	49.78	-	-	74	-24.22	249	199	H
	* 4.98777	29.84	MAv1	34.1	-30.4	.22	33.76	54	-20.24	-	-	249	199	H
4	* 4.98487	45.13	PK2	34.1	-30.4	0	48.83	-	-	74	-25.17	55	229	V
	* 4.98651	31.14	MAv1	34.1	-30.4	.22	35.06	54	-18.94	-	-	55	229	V
5	* 4.9251	43.07	PK2	34.1	-30.6	0	46.57	-	-	74	-27.43	330	234	V
	* 4.92383	31.74	MAv1	34.1	-30.6	.22	35.46	54	-18.54	-	-	330	234	V
3	9.84788	23.03	Pk	37	-23.2	0	36.83	-	-	-	-	0-360	101	H
6	9.84788	26.86	Pk	37	-23.2	0	40.66	-	-	-	-	0-360	200	V

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

PK2 - KDB558074 Method: Maximum Peak

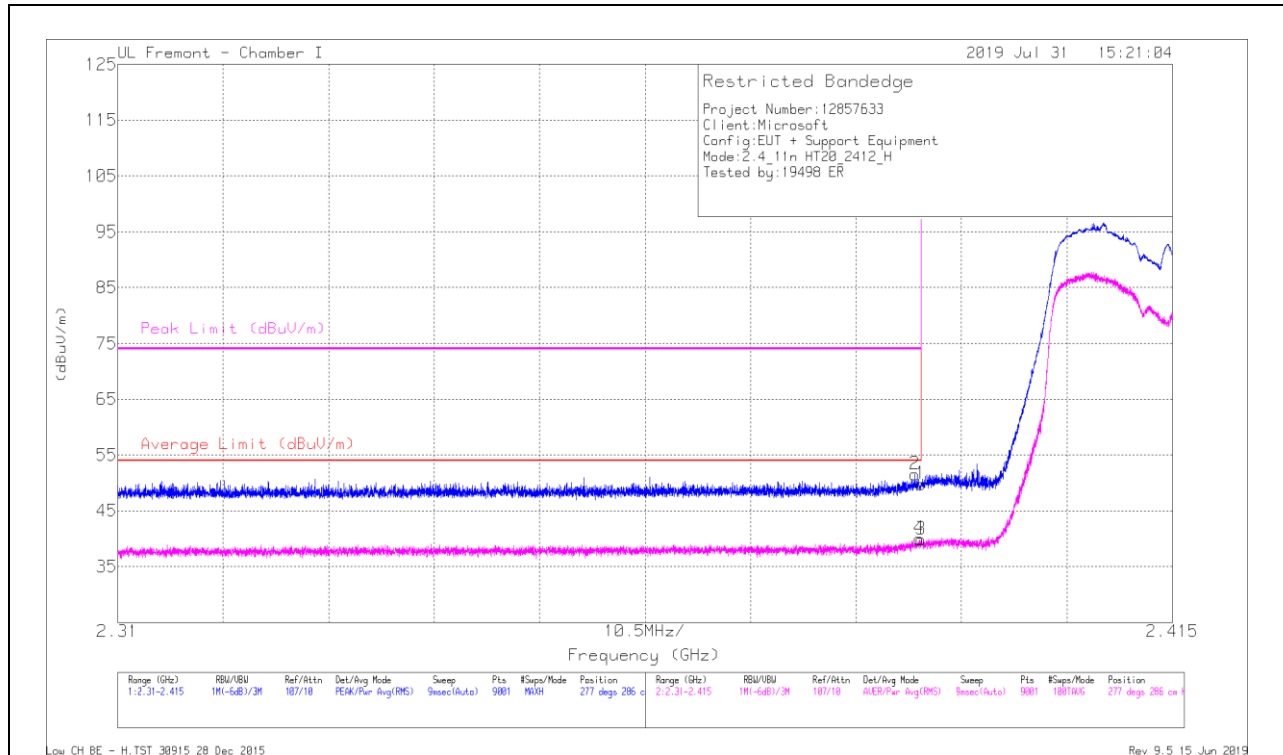
MAv1 - KDB558074 Option 1 Maximum RMS Average

9.1.3. 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)

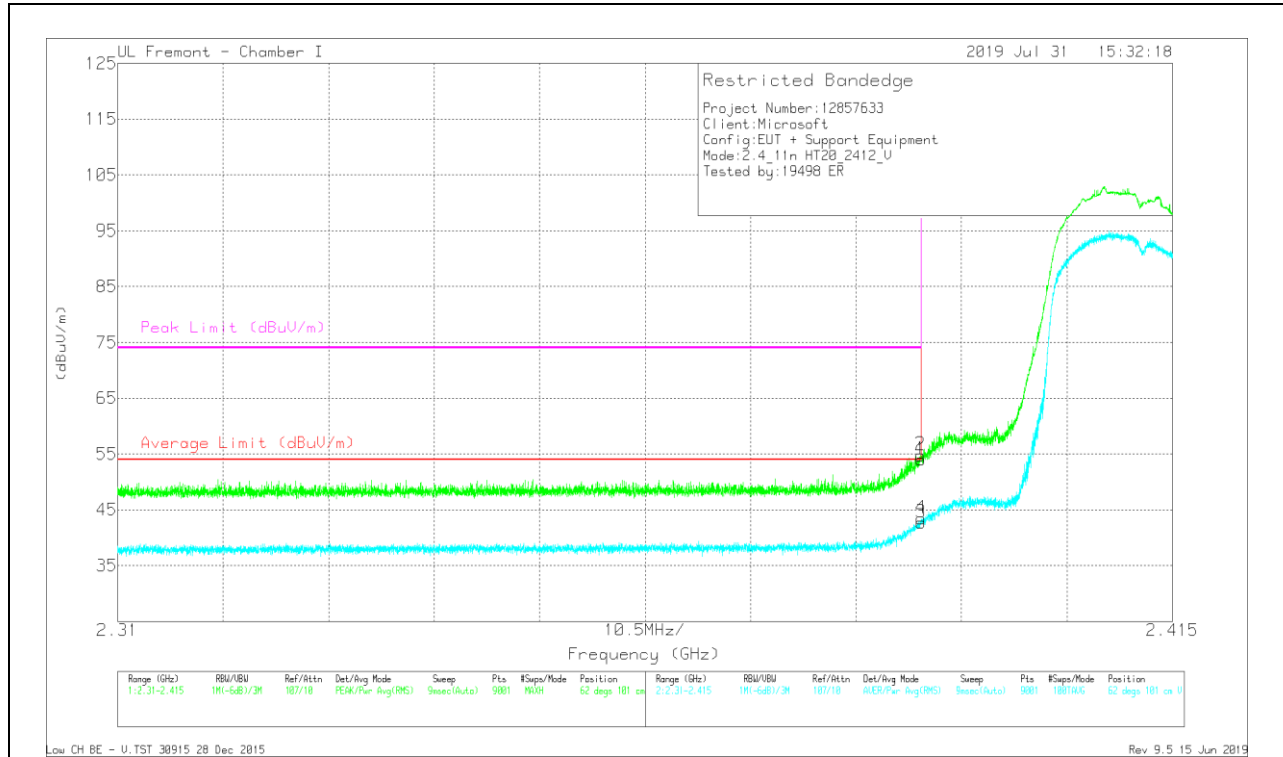
HORIZONTAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T862 (dBm)	Ampl/Chl/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	2.38999	39.45	Pk	31.9	-21.6	0	49.75	-	-	74	-24.25	277	286	H
2	2.38935	41.26	Pk	31.9	-21.6	0	51.56	-	-	74	-22.44	277	286	H
3	2.38999	29.33	RMS	31.9	-21.6	.24	39.87	54	-14.13	-	-	277	286	H
4	2.3898	29.48	RMS	31.9	-21.6	.24	40.02	54	-13.98	-	-	277	286	H

Pk - Peak detector
RMS - RMS detection

VERTICAL RESULT

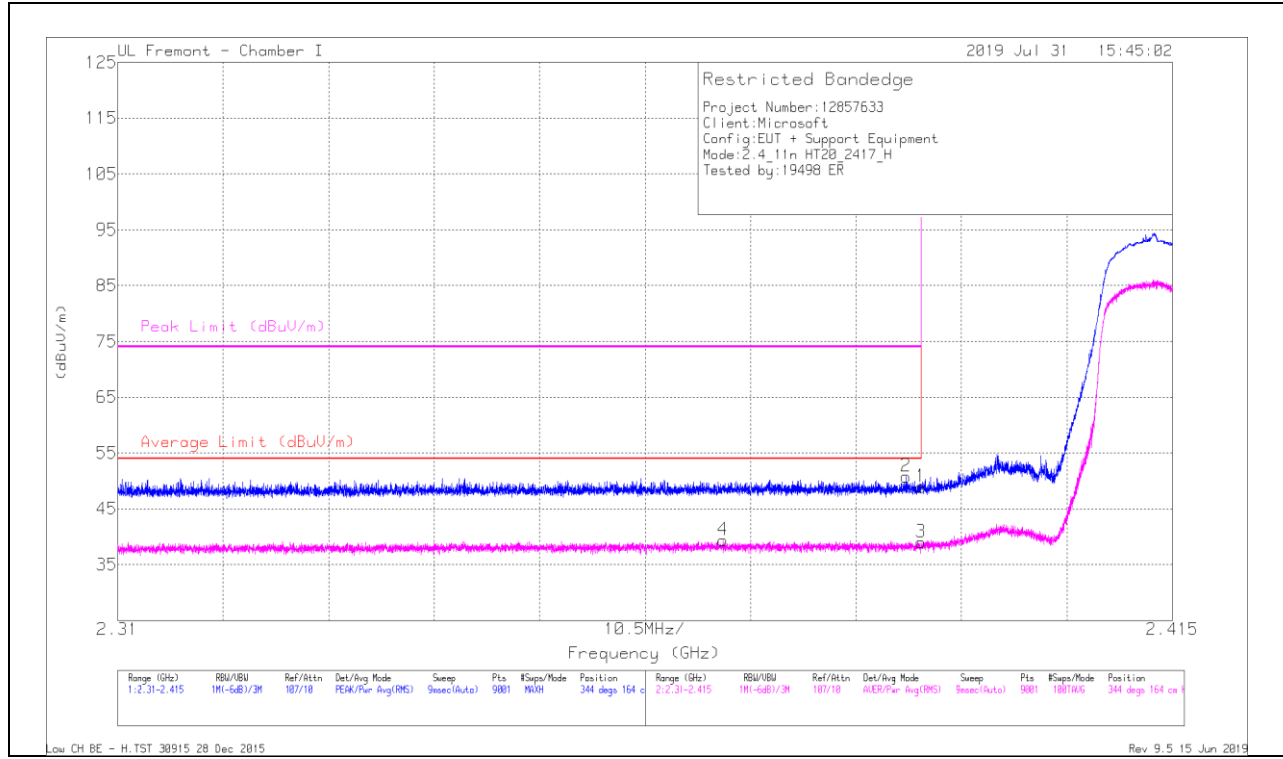


Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T862 (dBm)	Amp/CM/Ftr/Pa d (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Acimuth (Degs)	Height (cm)	Polarity
1	2.38999	43.76	Pk	31.9	-21.6	0	54.06	-	-	74	-19.94	62	101	V
2	2.38999	44.52	PK	31.9	-21.6	0	54.82	-	-	74	-19.18	62	101	V
3	2.38999	32.17	RMS	31.9	-21.6	.24	42.71	54	-11.29	-	-	62	101	V
4	2.38998	32.94	RMS	31.9	-21.6	.24	43.48	54	-10.52	-	-	62	101	V

PK - Peak detector
RMS - RMS detection

BANDEDGE (LOW CHANNEL, CH 2)

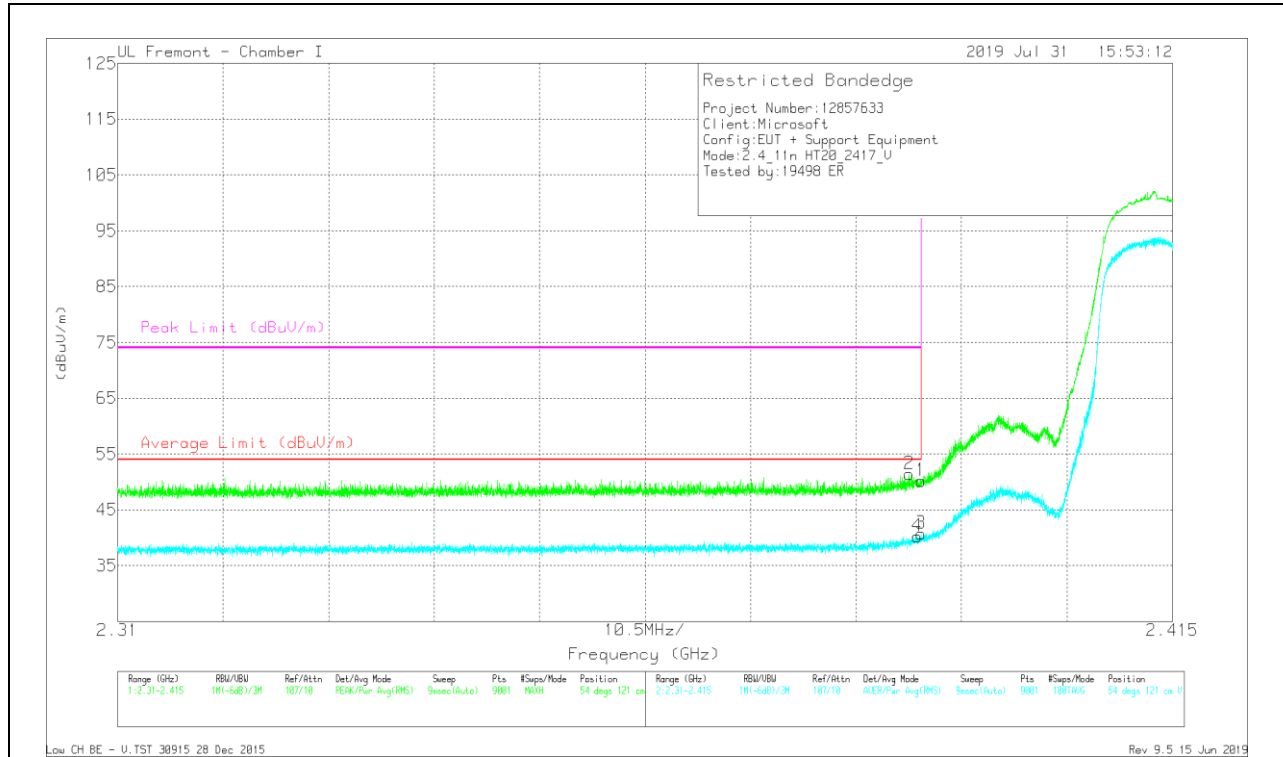
HORIZONTAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T862 (dB/m)	Amp/Cbl/Filtr/Par 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	2.38999	38.57	Pk	31.9	-21.6	0	48.87	-	-	74	-25.13	344	164	H
2	2.38851	40.48	Pk	31.9	-21.6	0	50.78	-	-	74	-23.22	344	164	H
3	2.38999	28.43	RMS	31.9	-21.6	.24	38.97	54	-15.03	-	-	344	164	H
4	2.37026	28.68	RMS	31.9	-21.5	.24	39.32	54	-14.68	-	-	344	164	H

Pk - Peak detector
RMS - RMS detection

VERTICAL RESULT

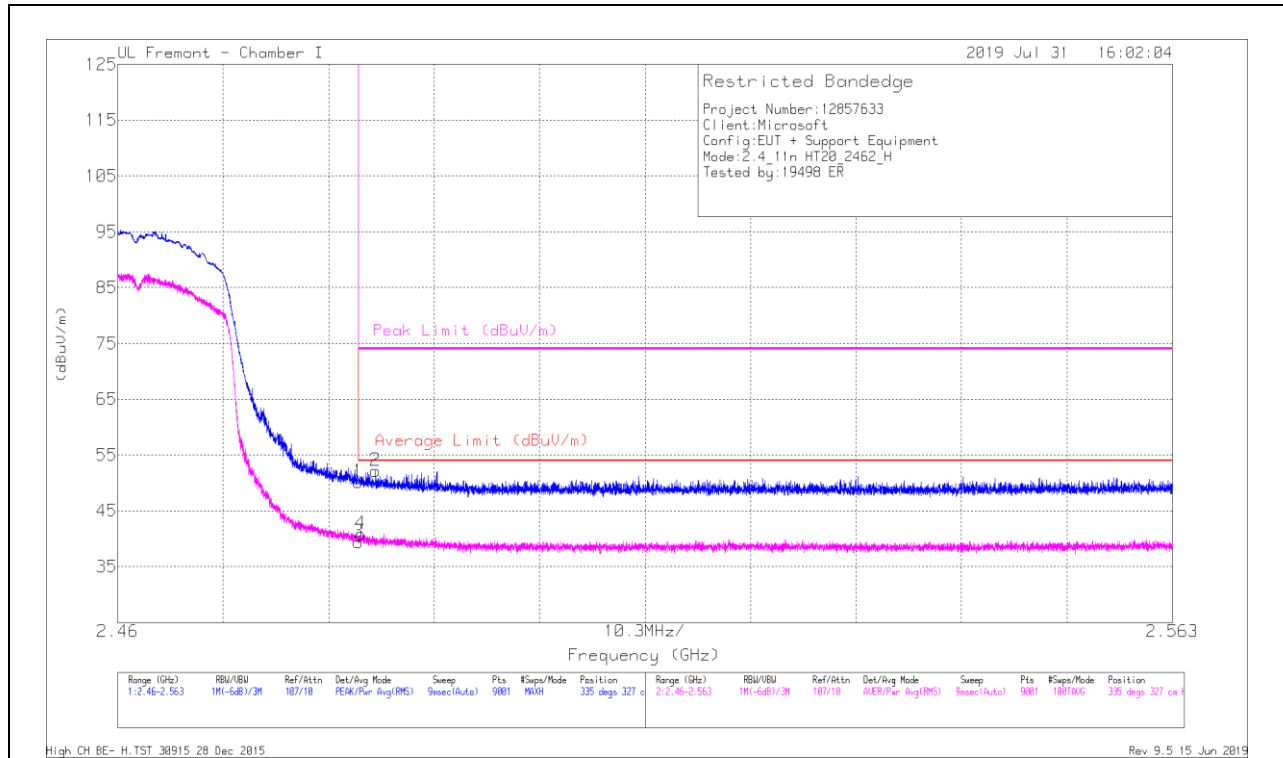


Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T862 (dBm)	Amp/CM/Ftr/Pa d (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Altitude (Degs)	Height (cm)	Polarity
1	2.38999	39.83	Pk	31.9	-21.6	0	50.13	-	-	74	-23.87	54	121	V
2	2.38876	41.07	PK	31.9	-21.6	0	51.37	-	-	74	-22.63	54	121	V
3	2.38999	30.17	RMS	31.9	-21.6	.24	40.71	54	-13.29	-	-	54	121	V
4	2.38959	29.73	RMS	31.9	-21.6	.24	40.27	54	-13.73	-	-	54	121	V

Pk - Peak detector
RMS - RMS detection

BANDEDGE (HIGH CHANNEL, CH 11)

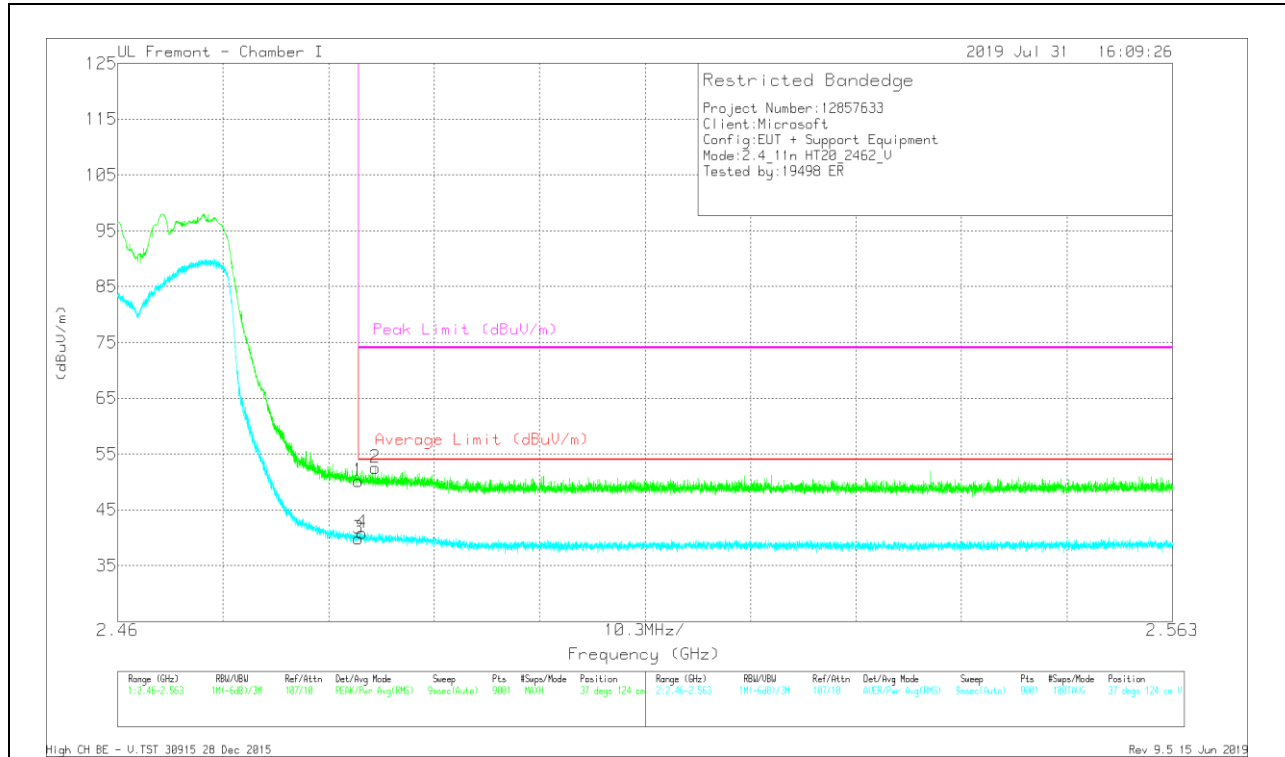
HORIZONTAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T862 (dBm)	Amp/CD/Filt/PA d (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	2.48351	39.46	Pk	32.4	-21.7	0	50.16	-	-	74	-23.84	335	327	H
2	2.48518	41.55	Pk	32.4	-21.8	0	52.15	-	-	74	-21.85	335	327	H
3	2.48351	28.48	RMS	32.4	-21.7	-24	39.42	54	-14.58	-	-	335	327	H
4	2.48374	29.95	RMS	32.4	-21.7	-24	40.89	54	-13.11	-	-	335	327	H

Pk - Peak detector
RMS - RMS detection

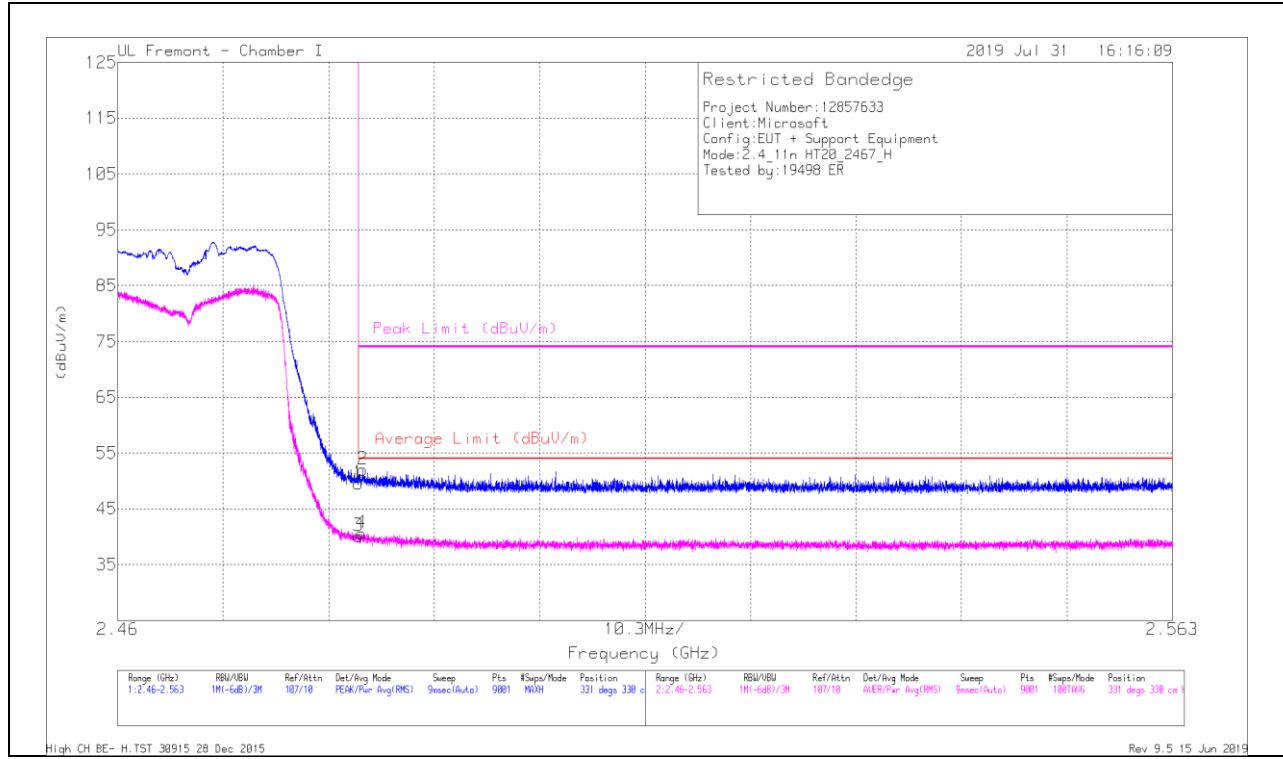
VERTICAL RESULT



Pk - Peak detector
RMS - RMS detection

BANDEDGE (HIGH CHANNEL, CH 12)

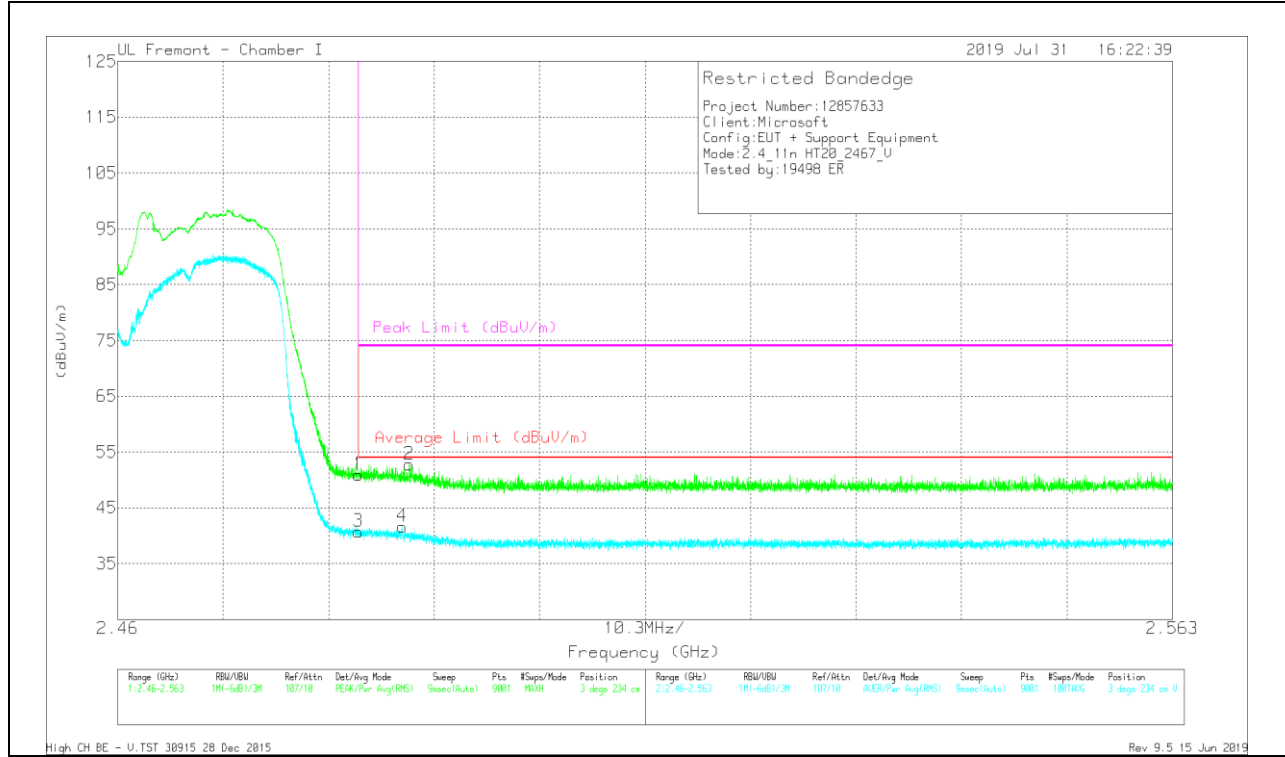
HORIZONTAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T862 (dBm)	Amp/Cbl/Filtr/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	2.48351	38.82	Pk	32.4	-21.7	0	49.52	-	-	74	-24.48	331	330	H
2	2.48395	41.37	Pk	32.4	-21.7	0	52.07	-	-	74	-21.93	331	330	H
3	2.48351	29.2	RMS	32.4	-21.7	.24	40.14	54	-13.86	-	-	331	330	H
4	2.4838	29.62	RMS	32.4	-21.7	.24	40.56	54	-13.44	-	-	331	330	H

Pk - Peak detector
RMS - RMS detection

VERTICAL RESULT

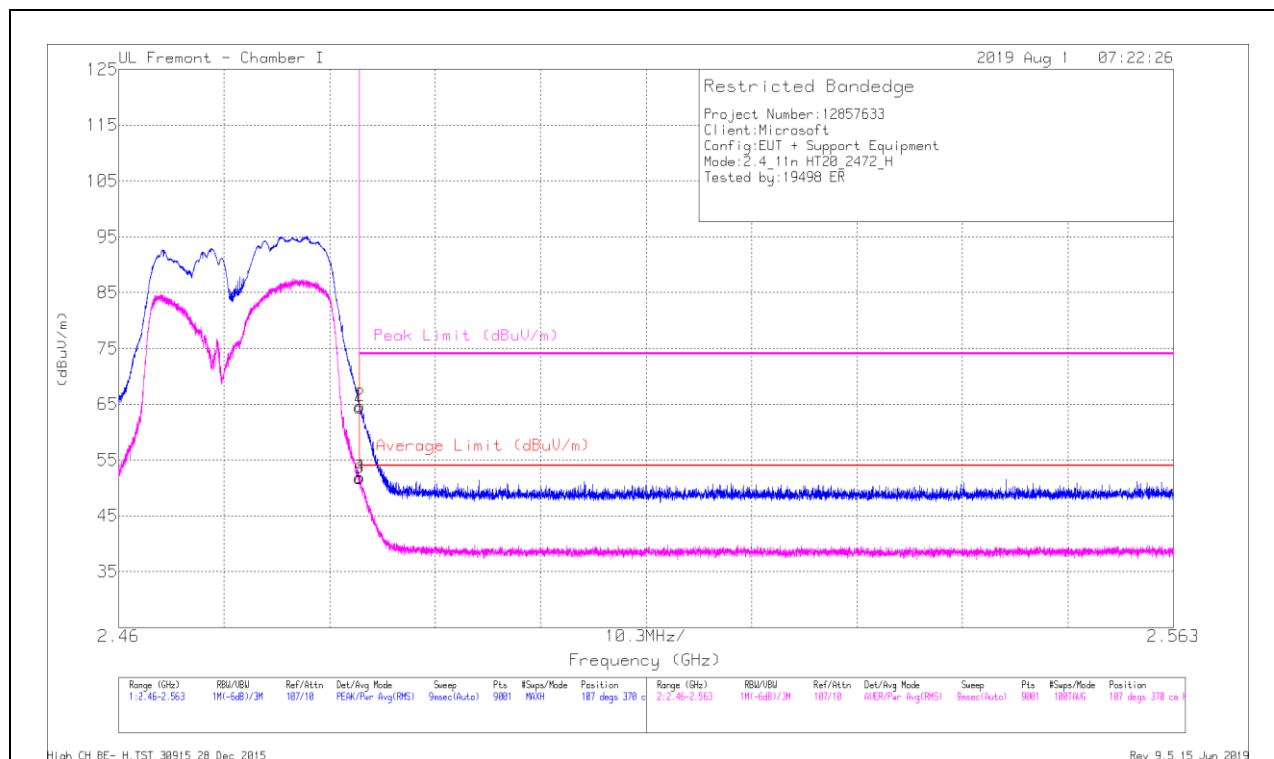


Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T862 (dBm)	Amp/CM/Ftr/Pa d (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Acimuth (Degs)	Height (cm)	Polarity
1	2.48351	40.21	Pk	32.4	-21.7	0	50.91	-	-	74	-23.09	3	234	V
2	2.48847	42.21	PK	32.3	-21.7	0	52.81	-	-	74	-21.19	3	234	V
3	2.48351	29.78	RMS	32.4	-21.7	.24	40.72	54	-13.28	-	-	3	234	V
4	2.48775	30.72	RMS	32.3	-21.7	.24	41.56	54	-12.44	-	-	3	234	V

Pk - Peak detector
RMS - RMS detection

BANDEDGE (HIGH CHANNEL, CH 13)

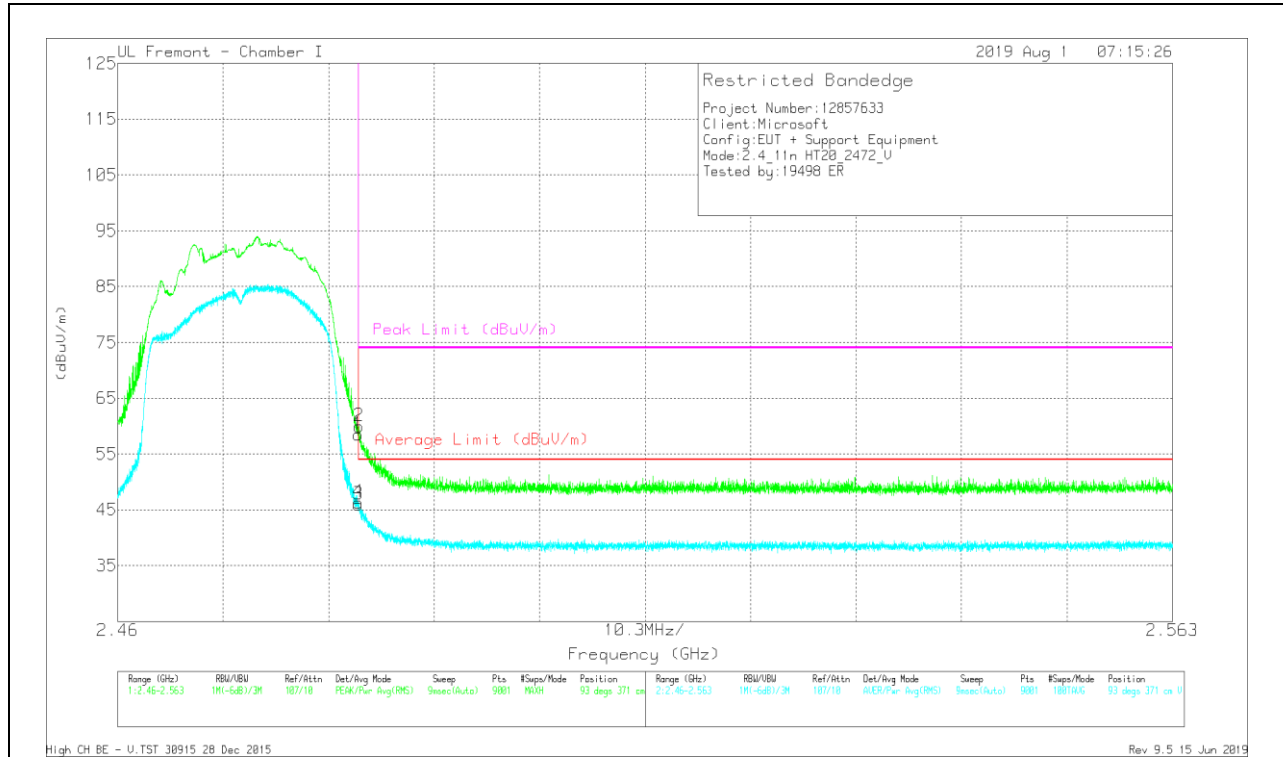
HORIZONTAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBUV)	Det	AF T862 (dB/m)	Ampl/Cbl/Fittr/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	2.48351	53.8	Pk	32.4	-21.7	0	64.5	-	-	74	-9.5	107	370	H
2	2.48354	54.03	Pk	32.4	-21.7	0	64.73	-	-	74	-9.27	107	370	H
3	2.48351	40.86	RMS	32.4	-21.7	24	51.8	54	-2.2	-	-	107	370	H
4	2.48353	41	RMS	32.4	-21.7	24	51.94	54	-2.06	-	-	107	370	H

Pk - Peak detector
RMS - RMS detection

VERTICAL RESULT

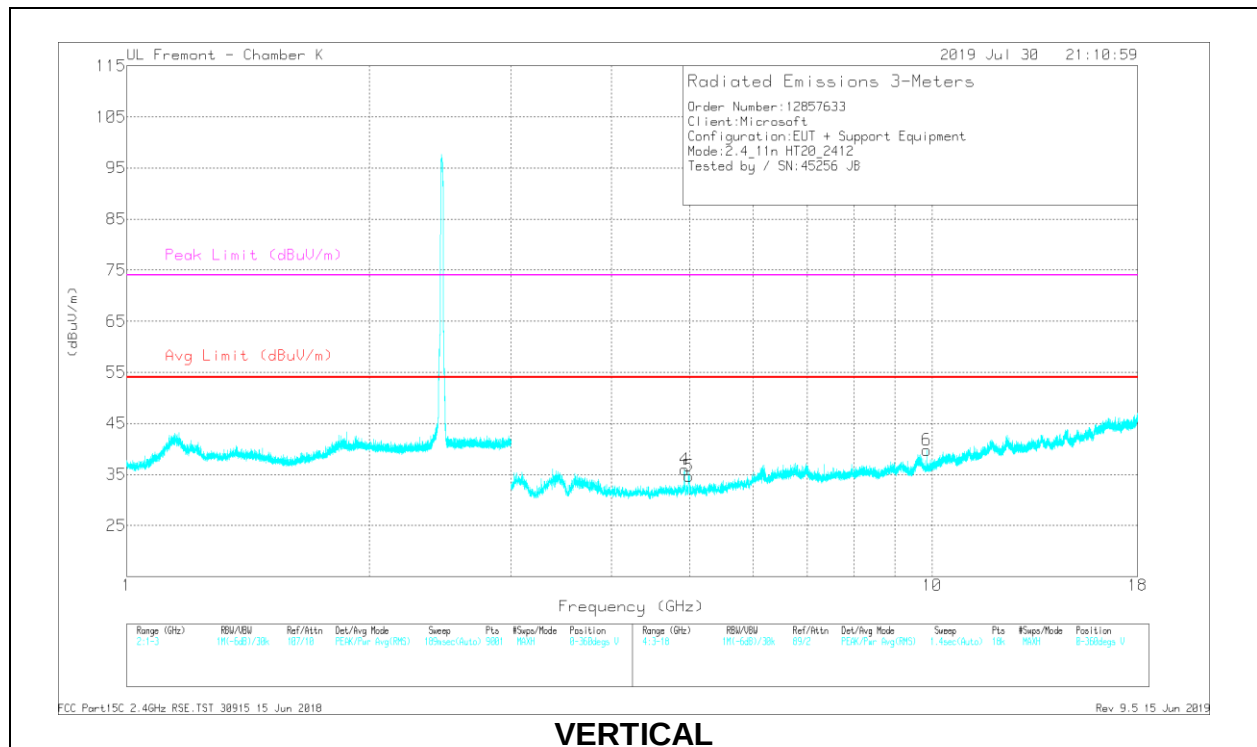
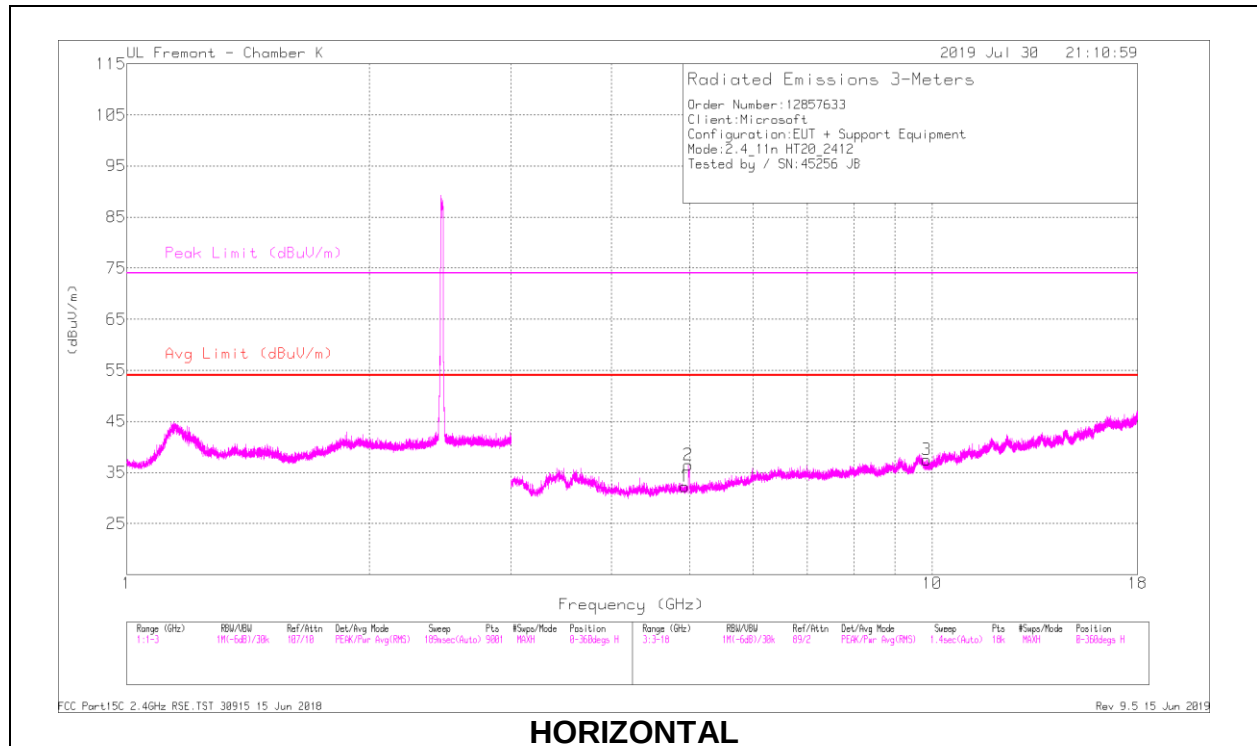


Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T862 (dB/m)	Amp(CMU)Ftr/Pa d (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Asimuth (Degs)	Height (cm)	Polarity
1	2.48351	47.77	Pk	32.4	-21.7	0	58.47	-	-	74	-15.53	93	371	V
2	2.48354	49.29	PK	32.4	-21.7	0	59.99	-	-	74	-14.01	93	371	V
3	2.48351	34.99	RMS	32.4	-21.7	.24	45.93	54	-8.07	-	-	93	371	V
4	2.48352	35.38	RMS	32.4	-21.7	.24	46.32	54	-7.68	-	-	93	371	V

Pk - Peak detector
RMS - RMS detection

HARMONICS AND SPURIOUS EMISSIONS

LOW CHANNEL, CH 1 RESULTS



RADIATED EMISSIONS

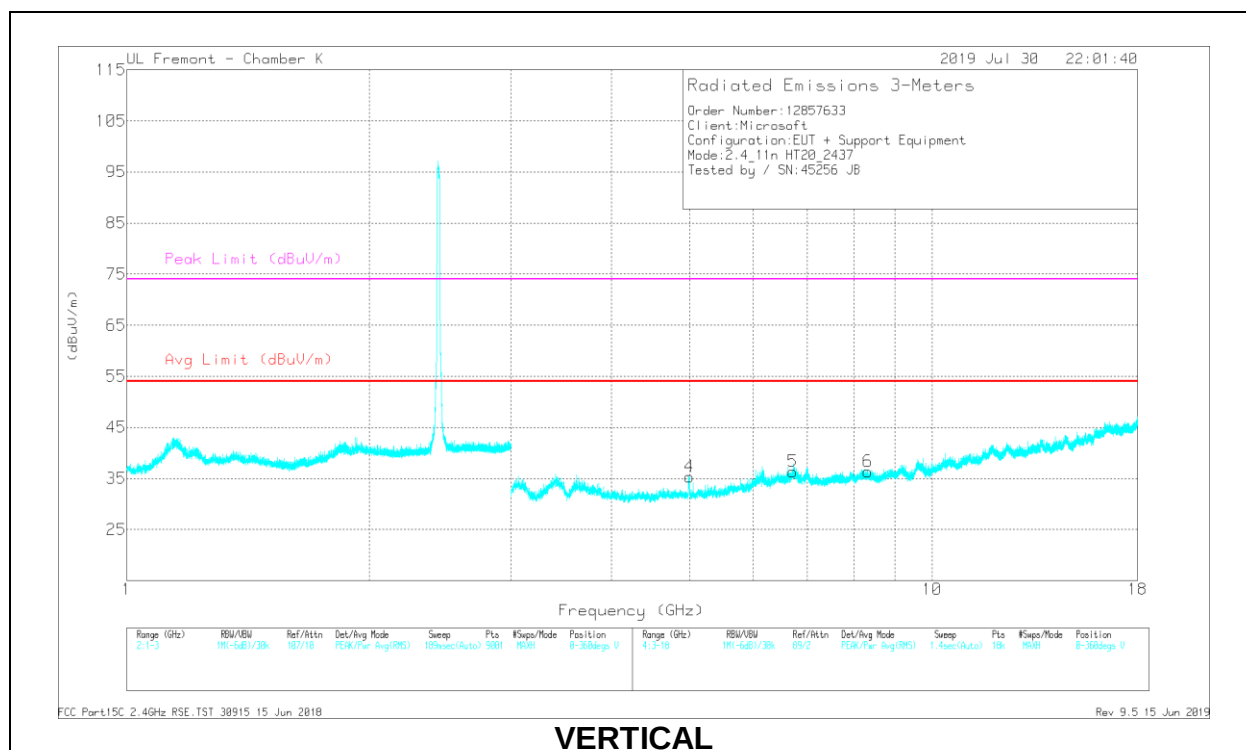
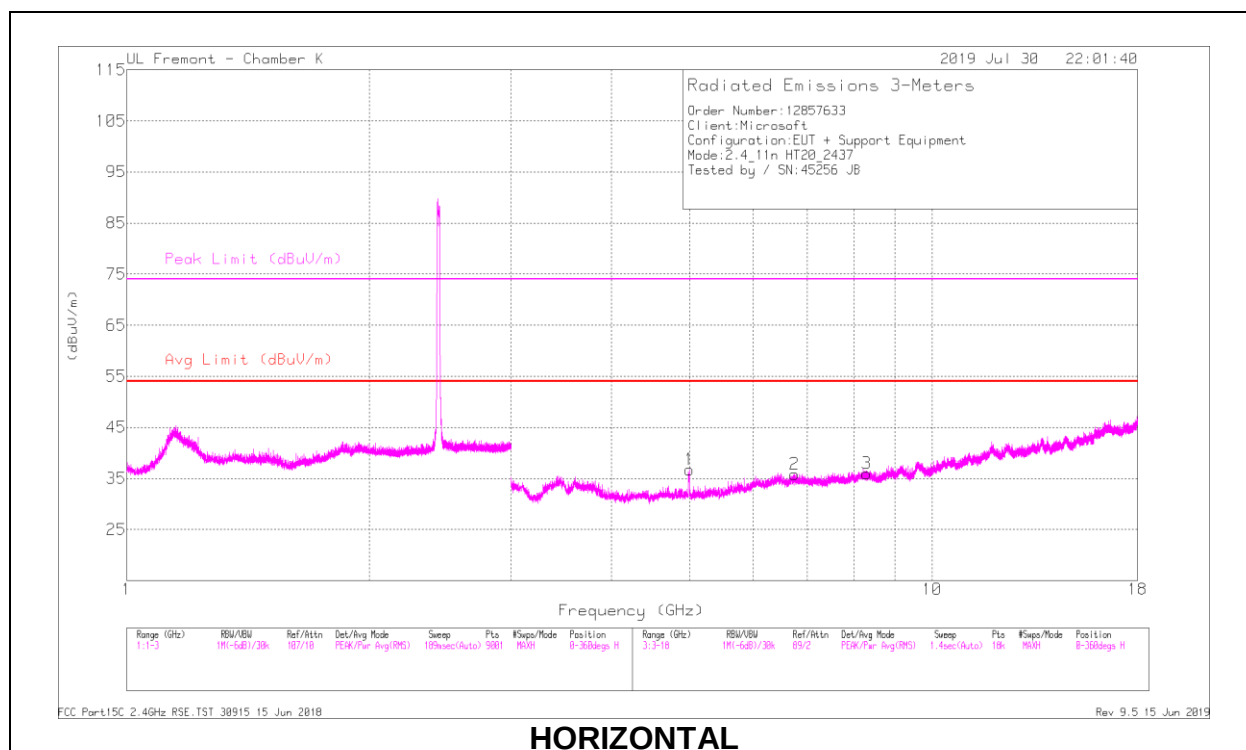
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF EMC4294 (dB/m)	Amp/Cbl/FI tr/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 4.92736	37.2	PK2	34.1	-30.6	0	40.7	-	-	74	-33.3	334	361	H
	* 4.92921	28.32	MAv1	34.1	-30.6	0.24	32.06	54	-21.94	-	-	334	361	H
2	* 4.98449	44.63	PK2	34.1	-30.4	0	48.33	-	-	74	-25.67	242	183	H
	* 4.98122	29.38	MAv1	34.1	-30.5	0.24	33.22	54	-20.78	-	-	242	183	H
4	* 4.92664	42.86	PK2	34.1	-30.6	0	46.36	-	-	74	-27.64	327	241	V
	* 4.92756	32.62	MAv1	34.1	-30.6	0.24	36.36	54	-17.64	-	-	327	241	V
5	* 4.99399	44.71	PK2	34.1	-30.4	0	48.41	-	-	74	-25.59	52	204	V
	* 4.99145	29.18	MAv1	34.1	-30.4	0.24	33.12	54	-20.88	-	-	52	204	V
3	9.84788	23.69	Pk	37	-23.2	0	37.49	-	-	-	-	0-360	200	H
6	9.84788	25.99	Pk	37	-23.2	0	39.79	-	-	-	-	0-360	200	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 EMC4294 (dB/m)	Amp/Cbl/FI tr/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	* 4.99726	44.59	PK2	34.1	-30.4	0	48.29	-	-	74	-25.71	254	209	H
	* 4.99892	28.42	MAv1	34.2	-30.4	0.24	32.46	54	-21.54	-	-	254	209	H
3	* 8.29164	31.87	PK2	35.9	-24.5	0	43.27	-	-	74	-30.73	171	175	H
	* 8.29348	22.64	MAv1	35.9	-24.5	0.24	34.28	54	-19.72	-	-	171	175	H
4	* 4.99623	44.36	PK2	34.1	-30.4	0	48.06	-	-	74	-25.94	54	203	V
	* 4.99364	29.33	MAv1	34.1	-30.4	0.24	33.27	54	-20.73	-	-	54	203	V
6	* 8.32851	31.91	PK2	35.8	-24.6	0	43.11	-	-	74	-30.89	326	260	V
	* 8.32918	22.56	MAv1	35.8	-24.6	0.24	34	54	-20	-	-	326	260	V
2	6.75021	26.67	Pk	35.8	-26.6	0	35.87	-	-	-	-	0-360	200	H
5	6.71688	27.43	Pk	35.7	-26.8	0	36.33	-	-	-	-	0-360	101	V

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

PK2 - KDB558074 Method: Maximum Peak

MAv1 - KDB558074 Option 1 Maximum RMS Average