

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.

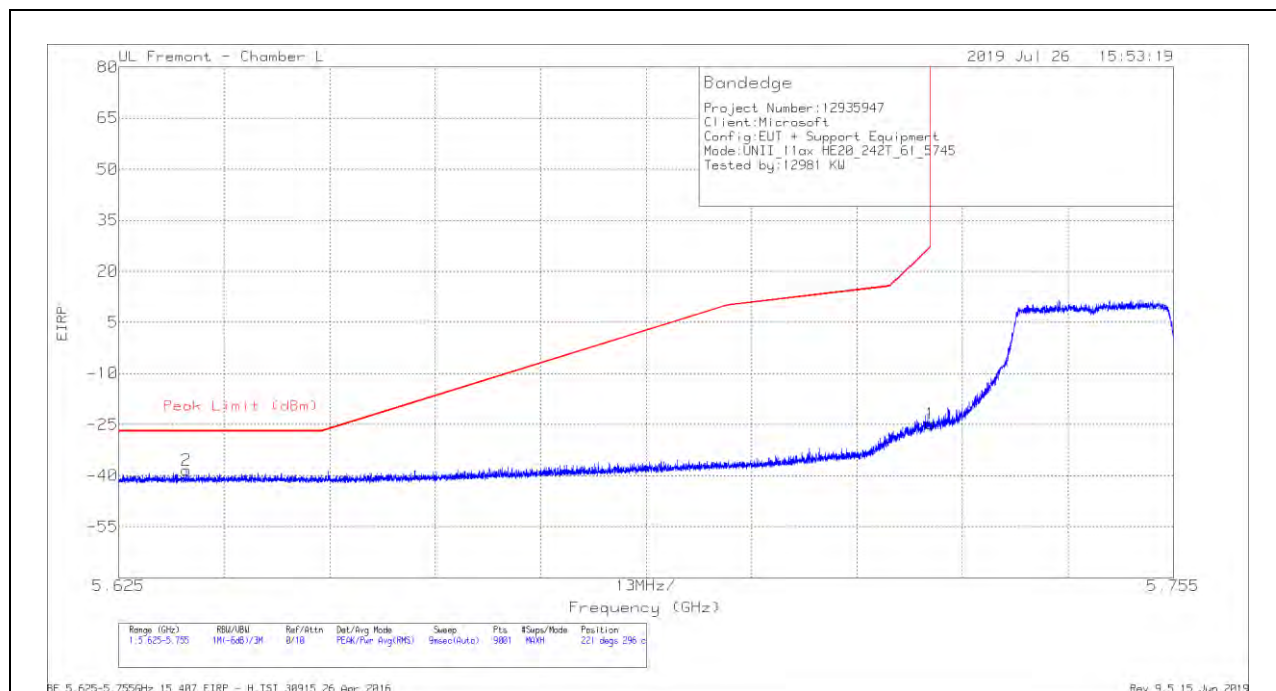
9.1. TRANSMITTER ABOVE 1 GHz

9.1.1. TX ABOVE 1 GHz 802.11ax HE20 MODE IN THE 5.8 GHz BAND

2TX Chain 0 + Chain 1 OFDMA MODE – 242-Tones, RU Index 61

BANDEDGE (LOW CHANNEL)

HORIZONTAL RESULT

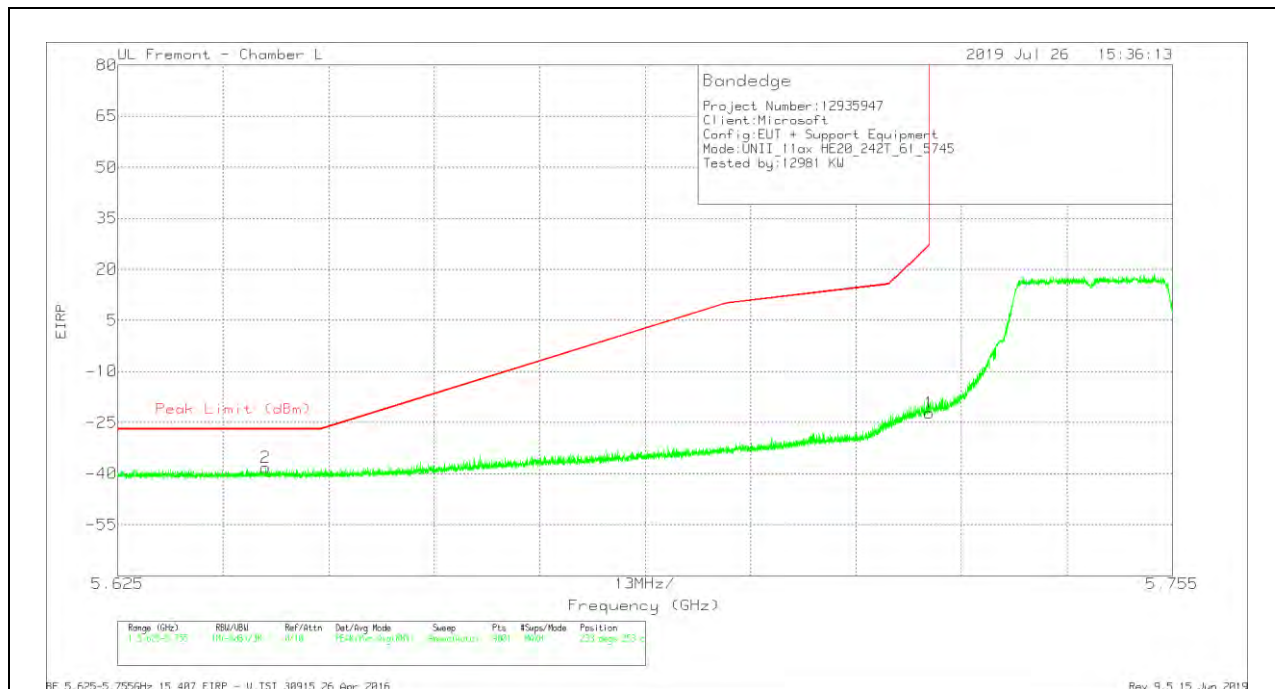


Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBm)	Det	AF T120 (dB/m)	Amp/Cbl/Filtr/Pad (dB)	Conversion Factor (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.725	-54.54	Pk	34.7	-16.8	11.8	-24.84	26.99	-51.83	221	296	H
2	5.63331	-68.03	Pk	34.6	-16.7	11.8	-38.33	-27	-11.33	221	296	H

Pk - Peak detector

VERTICAL RESULT



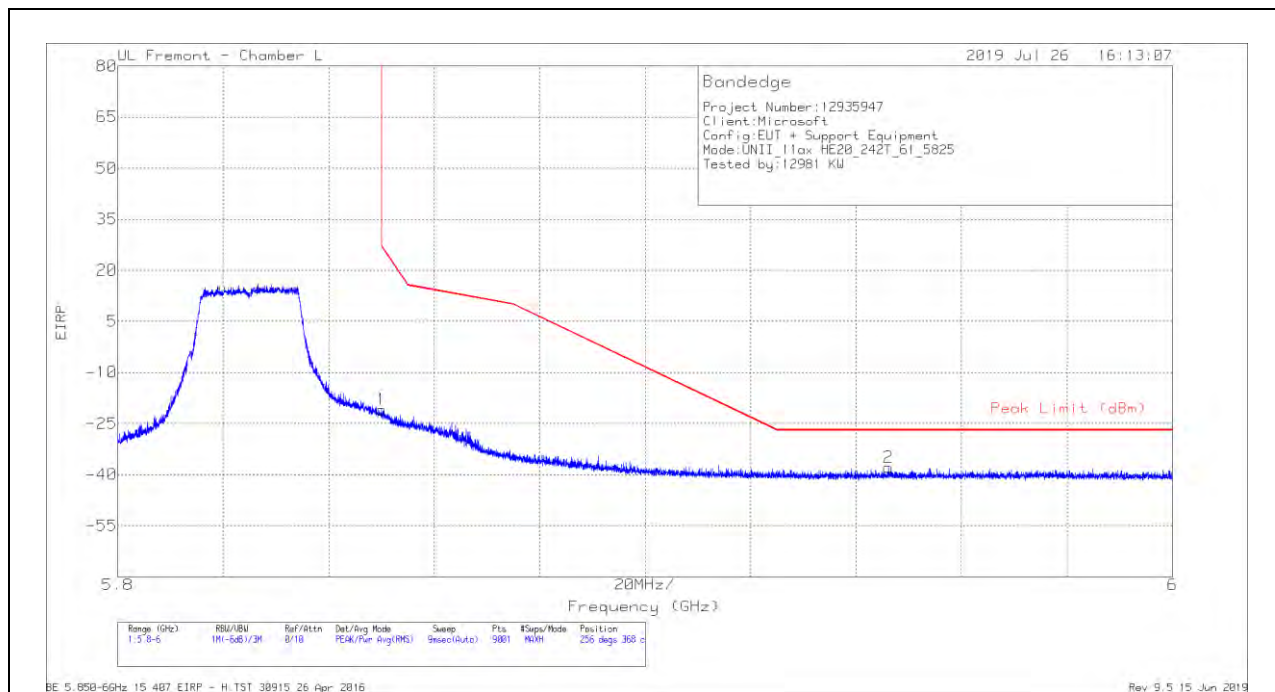
Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBm)	Det	AF T120 (dB/m)	Amp/Cbl/Filtr/Pad (dB)	Conversion Factor (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.725	-51.93	Pk	34.7	-16.8	11.8	-22.23	26.99	-49.22	233	253	V
2	5.64326	-67.98	Pk	34.7	-16.7	11.8	-38.18	-27	-11.18	233	253	V

Pk - Peak detector

BANDEDGE (HIGH CHANNEL)

HORIZONTAL RESULT

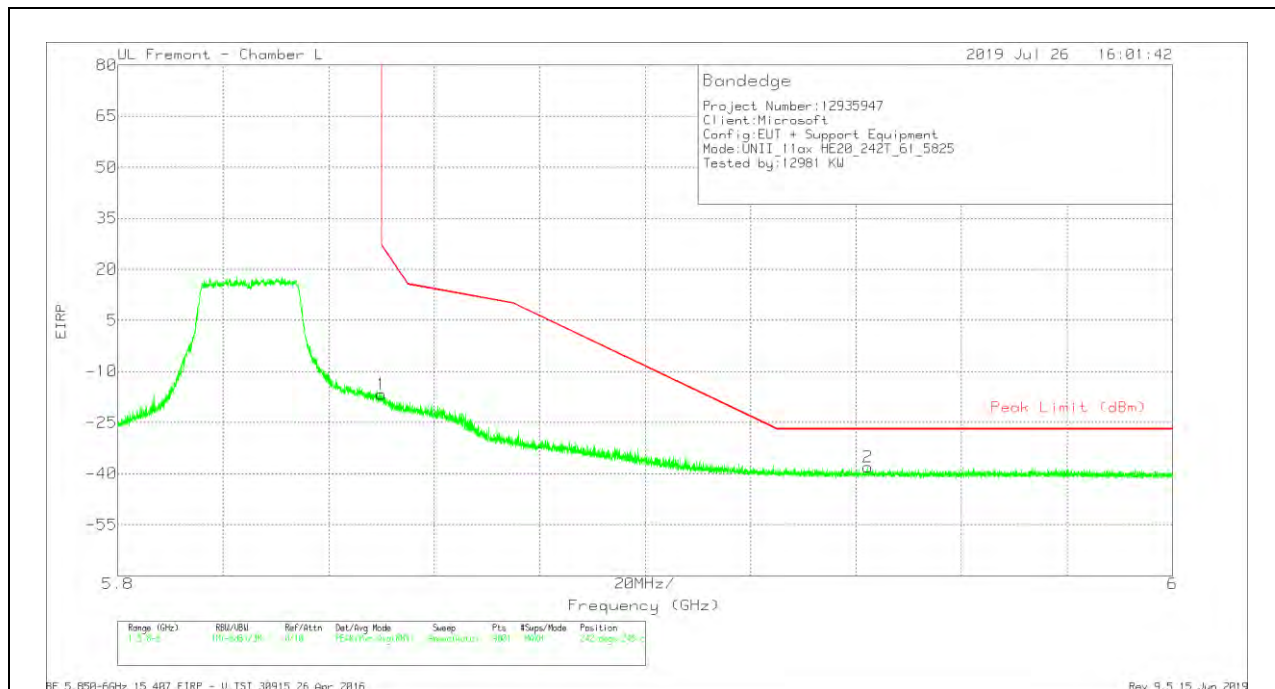


Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBm)	Det	AF T120 (dB/m)	Amp/Cbl/Filtr/Pad (dB)	Conversion Factor (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.85002	-50.67	Pk	35	-17	11.8	-20.87	26.95	-47.82	256	368	H
2	5.94611	-68.38	Pk	35.2	-16.5	11.8	-37.88	-27	-10.88	256	368	H

Pk - Peak detector

VERTICAL RESULT



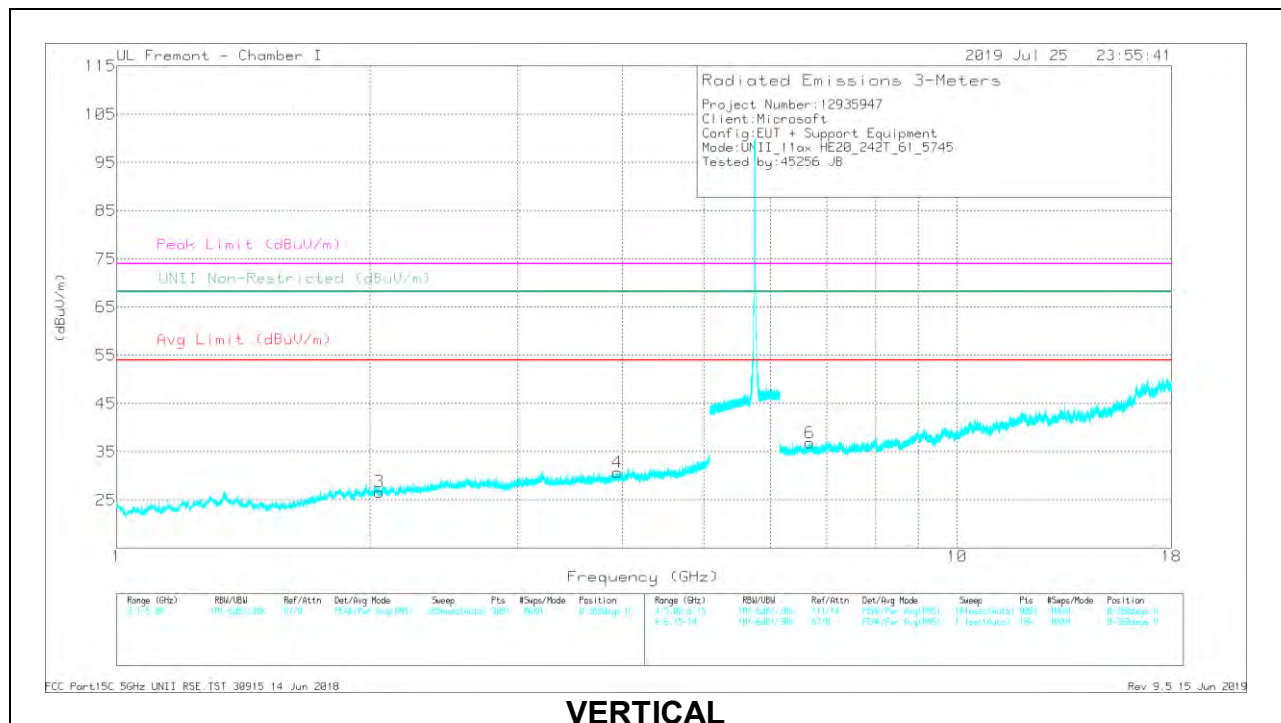
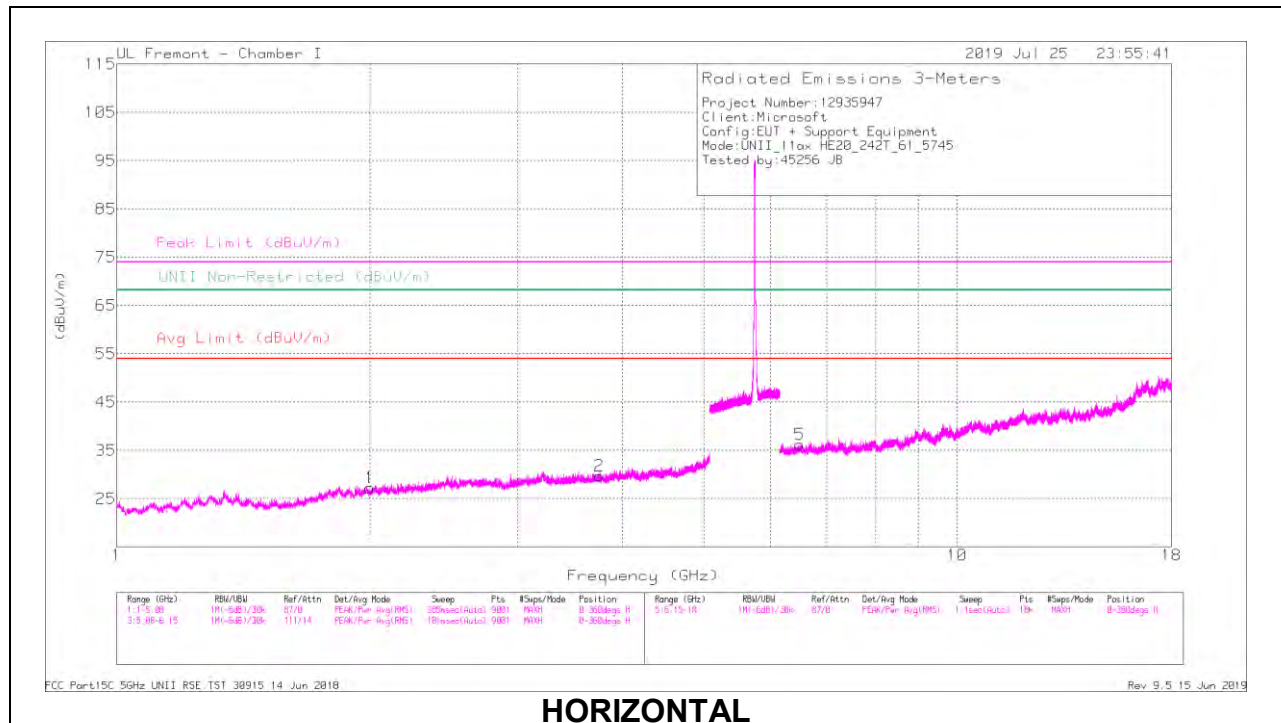
Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBm)	Det	AF T120 (dB/m)	Amp/Cbl/Filtr/Pad (dB)	Conversion Factor (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.85002	-46.39	Pk	35	-17	11.8	-16.59	26.95	-43.54	242	245	V
2	5.94224	-68.26	Pk	35.1	-16.6	11.8	-37.96	-27	-10.96	242	245	V

Pk - Peak detector

HARMONICS AND SPURIOUS EMISSIONS

LOW CHANNEL RESULTS



RADIATED EMISSIONS

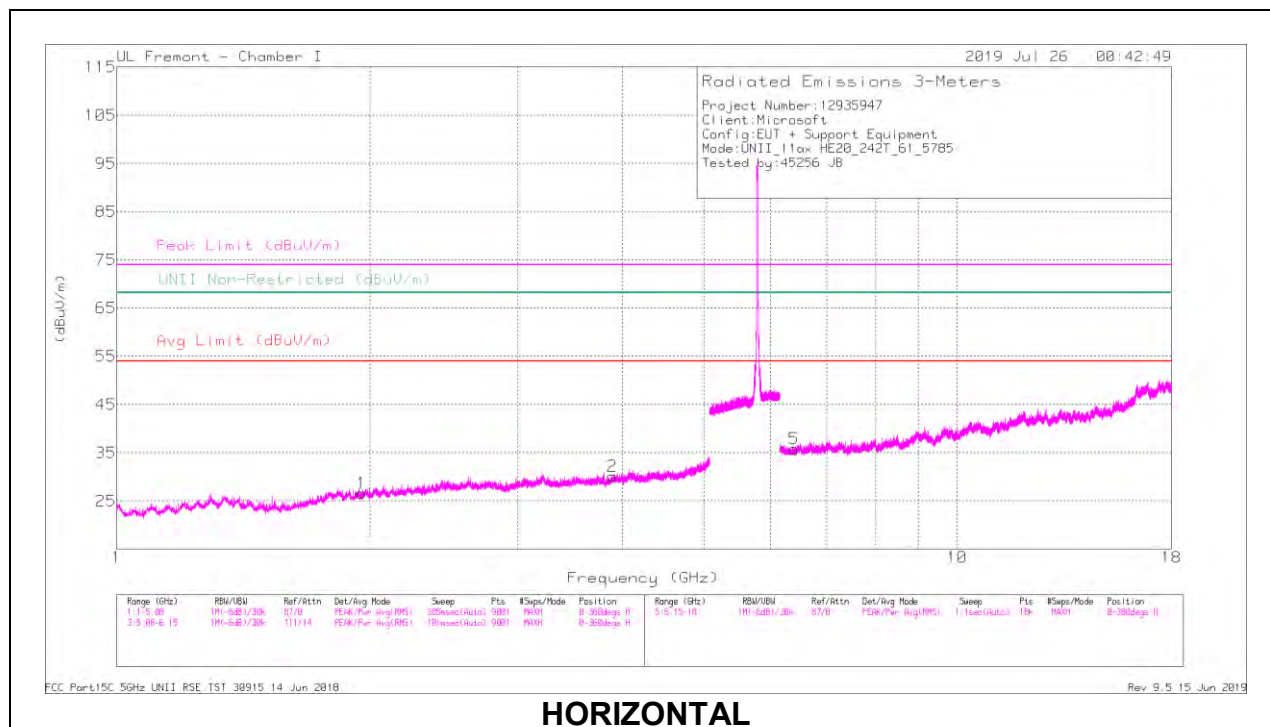
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T862 (dB/m)	Amp/Cbl/Fitr/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
2	* 3.75262	34.15	PK-U	32.9	-29.3	0	37.75	-	-	74	-36.25	-	-	348	107	H
	* 3.75407	24.32	ADR	32.9	-29.3	0	27.92	54	-26.08	-	-	-	-	348	107	H
1	2.00298	35.39	PK-U	30.9	-32.3	0	33.99	-	-	-	-	68.2	-34.21	216	185	H
4	* 3.94286	33.49	PK-U	33.3	-29	0	37.79	-	-	74	-36.21	-	-	221	138	V
	* 3.94331	24.16	ADR	33.3	-29	0	28.46	54	-25.54	-	-	-	-	221	138	V
3	2.05131	35.9	PK-U	31.1	-32.3	0	34.7	-	-	-	-	68.2	-33.5	115	166	V
5	6.49948	27.86	PK-U	35.6	-20.6	0	42.86	-	-	-	-	68.2	-25.34	312	172	H
6	6.6784	28.57	PK-U	35.5	-21	0	43.07	-	-	-	-	68.2	-25.13	2	159	V

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

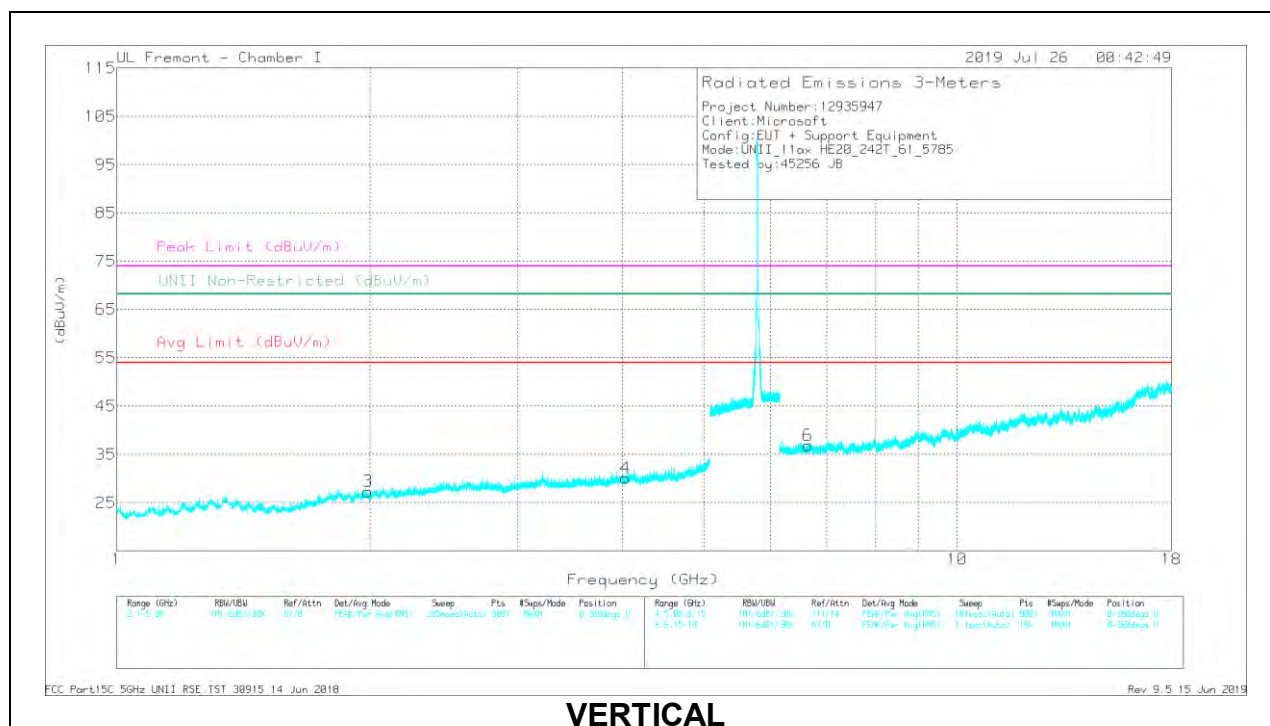
PK-U - U-NII: Maximum Peak

ADR - U-NII AD primary method, RMS average

MID CHANNEL RESULTS



HORIZONTAL



VERTICAL

RADIATED EMISSIONS

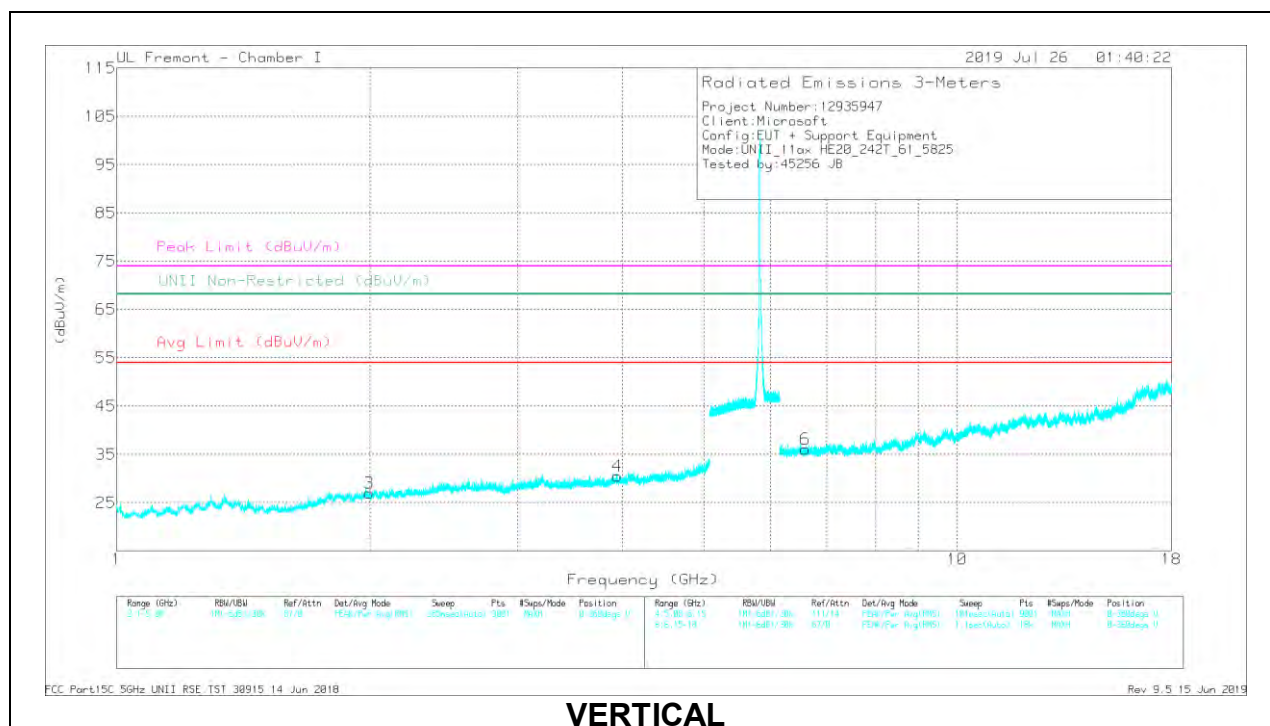
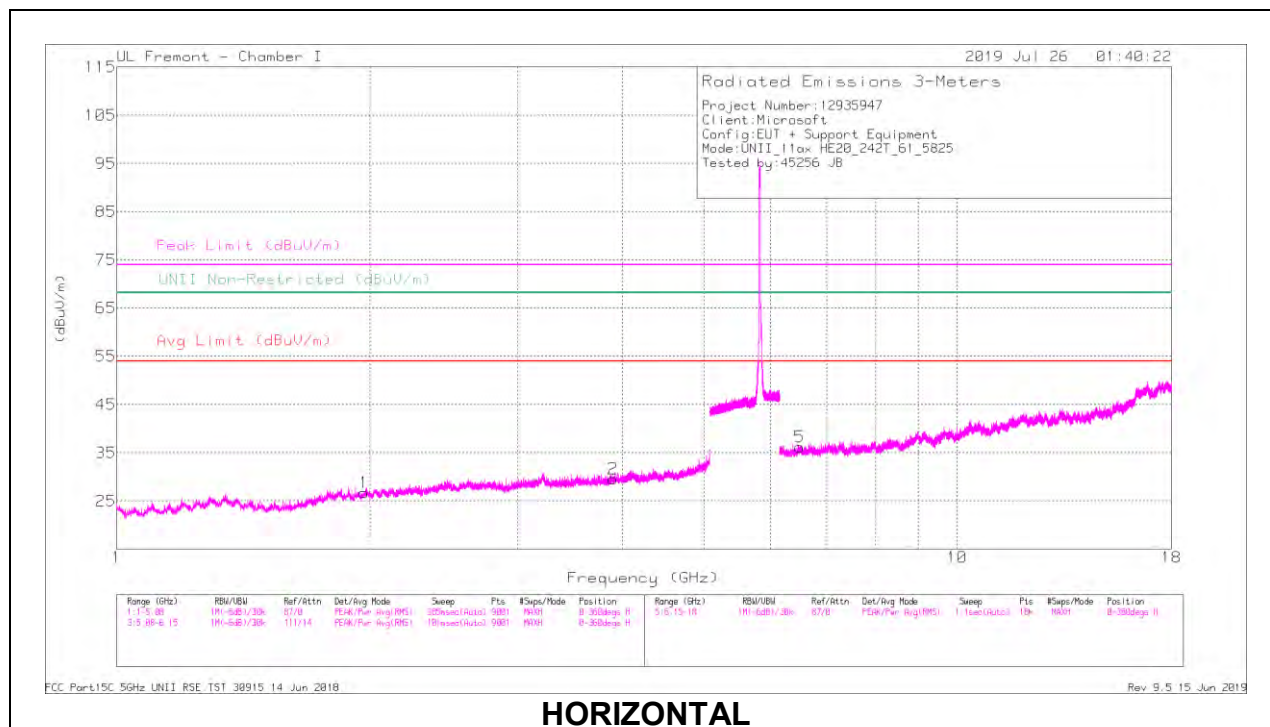
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T862 (dB/m)	Amp/Cbl/Fitr/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
2	* 3.89349	33.47	PK-U	33.1	-28.8	0	37.77	-	-	74	-36.23	-	-	228	172	H
	* 3.89134	23.69	ADR	33.1	-28.7	0	28.09	54	-25.91	-	-	-	-	228	172	H
1	1.95742	35.73	PK-U	31	-32.6	0	34.13	-	-	-	-	68.2	-34.07	116	158	H
4	* 4.03174	36.66	PK-U	33.3	-29.9	0	40.06	-	-	74	-33.94	-	-	358	146	V
	* 4.03094	25.13	ADR	33.3	-29.9	0	28.53	54	-25.47	-	-	-	-	358	146	V
3	1.99095	35.46	PK-U	30.9	-32.4	0	33.96	-	-	-	-	68.2	-34.24	326	160	V
5	6.4025	28.42	PK-U	35.6	-22	0	42.02	-	-	-	-	68.2	-26.18	286	122	H
6	6.64824	28.98	PK-U	35.5	-21.4	0	43.08	-	-	-	-	68.2	-25.12	282	121	V

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

PK-U - U-NII: Maximum Peak

ADR - U-NII AD primary method, RMS average

HIGH CHANNEL RESULTS



RADIATED EMISSIONS

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T862 (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)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
2	* 3.89343	33.68	PK-U	33.1	-28.8	0	37.98	-	-	74	-36.02	-	-	55	162	H
	* 3.89522	23.66	ADR	33.2	-28.8	0	28.06	54	-25.94	-	-	-	-	55	162	H
1	1.97101	35.95	PK-U	31	-32.4	0	34.55	-	-	-	-	68.2	-33.65	220	183	H
4	* 3.94015	32.26	PK-U	33.3	-29	0	36.56	-	-	74	-37.44	-	-	85	167	V
	* 3.9426	23.46	ADR	33.3	-29	0	27.76	54	-26.24	-	-	-	-	85	167	V
3	1.99473	36.15	PK-U	30.9	-32.5	0	34.55	-	-	-	-	68.2	-33.65	126	144	V
5	6.49822	27.74	PK-U	35.6	-20.6	0	42.74	-	-	-	-	68.2	-25.46	116	185	H
6	6.60157	29.89	PK-U	35.7	-22.1	0	43.49	-	-	-	-	68.2	-24.71	15	176	V

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

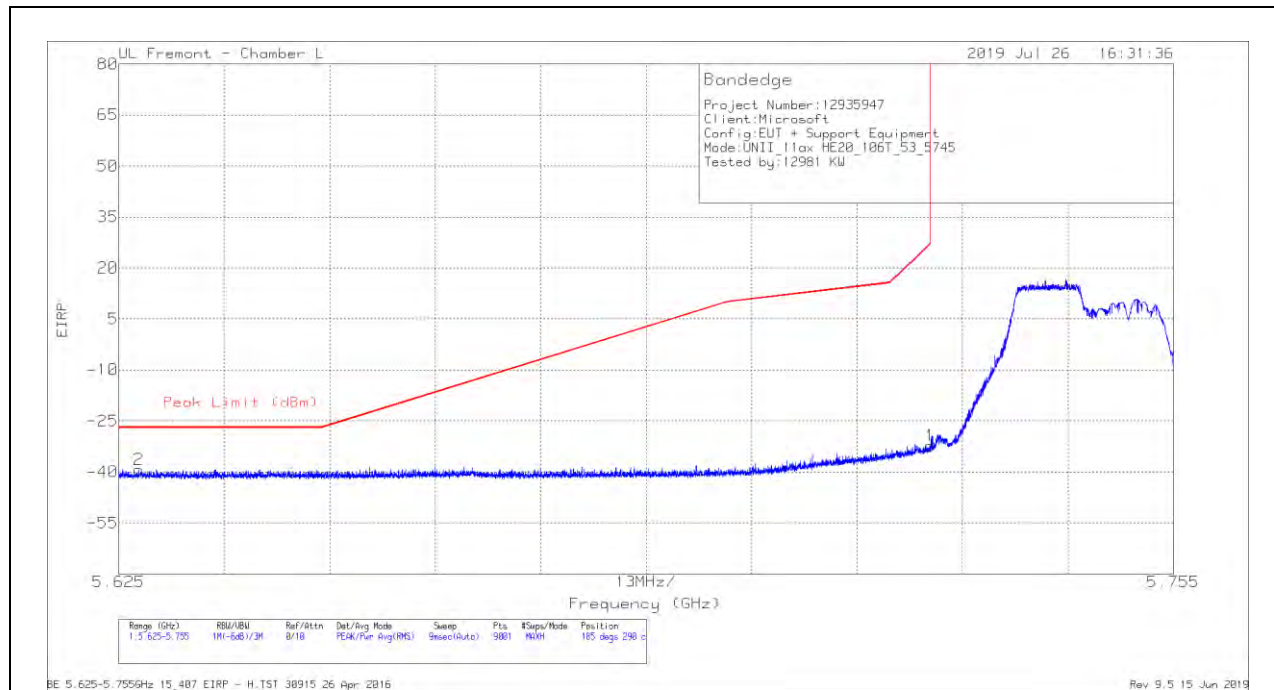
PK-U - U-NII: Maximum Peak

ADR - U-NII AD primary method, RMS average

2TX Chain 0 + Chain 1 OFDMA MODE – 106-Tones, RU Index 53

BANDEDGE (LOW CHANNEL)

HORIZONTAL RESULT

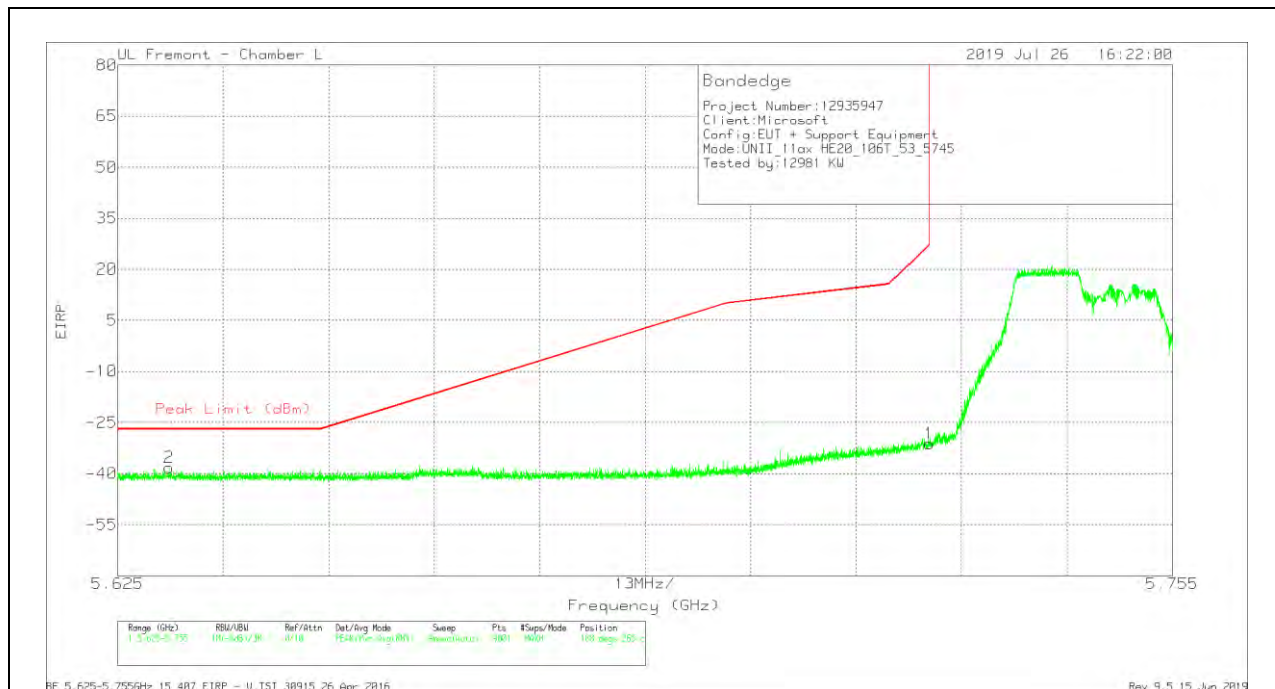


Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBm)	Det	AF T120 (dB/m)	Amp/Cbl/Filtr/Pad (dB)	Conversion Factor (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.725	-62.04	Pk	34.7	-16.8	11.8	-32.34	26.99	-59.33	185	290	H
2	5.62748	-68.96	Pk	34.7	-16.8	11.8	-39.26	-27	-12.26	185	290	H

Pk - Peak detector

VERTICAL RESULT



Trace Markers

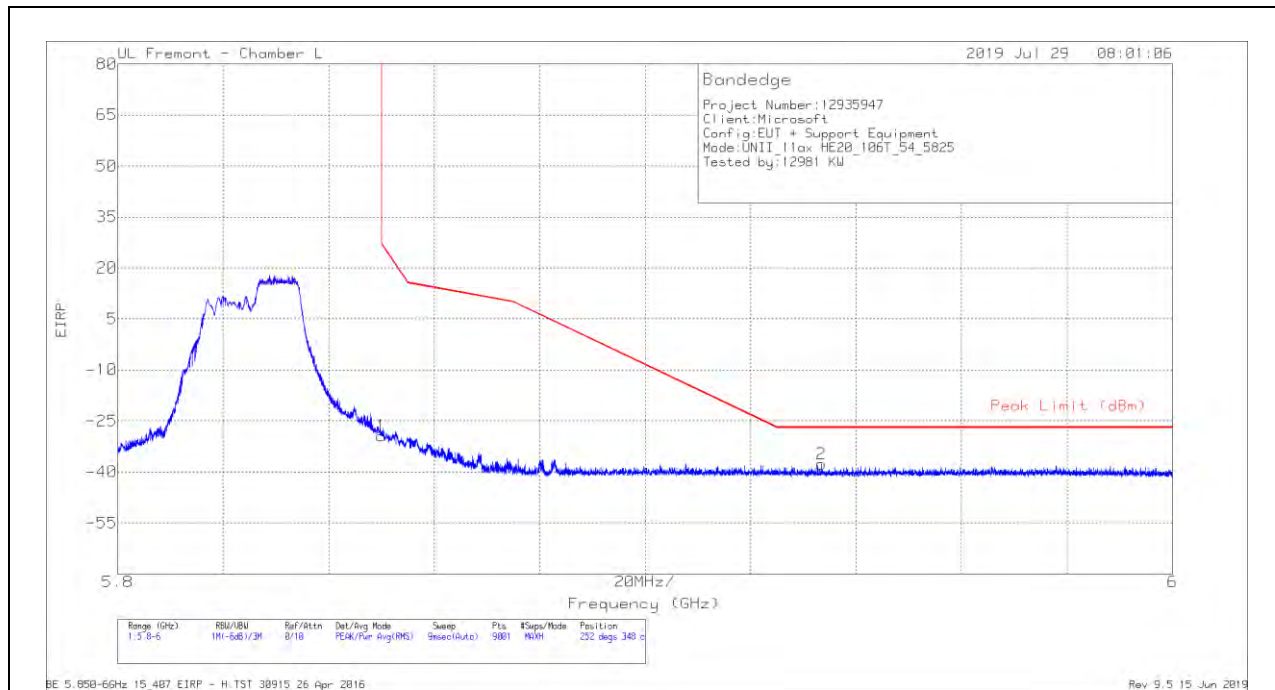
Marker	Frequency (GHz)	Meter Reading (dBm)	Det	AF T120 (dB/m)	Amp/Cbl/Filtr/Pad (dB)	Conversion Factor (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.725	-60.84	Pk	34.7	-16.8	11.8	-31.14	26.99	-58.13	188	265	V
2	5.63134	-68.09	Pk	34.7	-16.7	11.8	-38.29	-27	-11.29	188	265	V

Pk - Peak detector

2TX Chain 0 + Chain 1 OFDMA MODE – 106-Tones, RU Index 54

BANDEDGE (HIGH CHANNEL)

HORIZONTAL RESULT

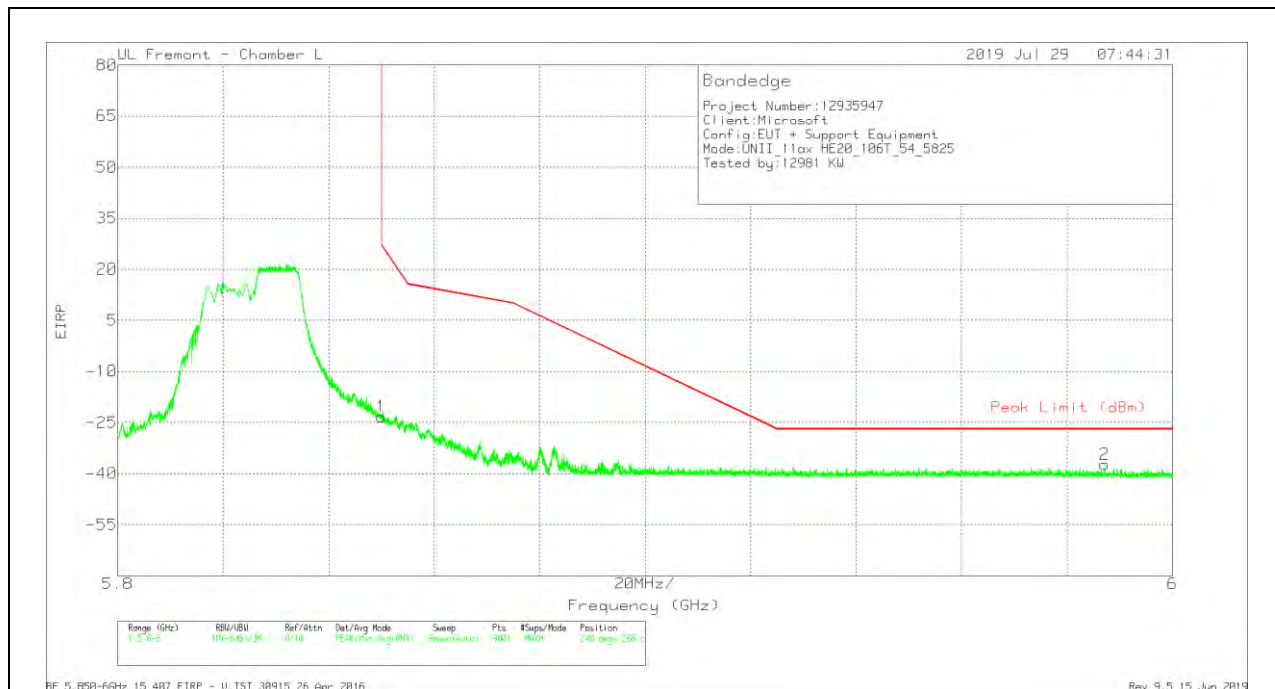


Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBm)	Det	AF T120 (dB/m)	Amp/Cbl/Filtr/Pad (dB)	Conversion Factor (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.85002	-59.13	Pk	35	-17	11.8	-29.33	26.95	-56.28	252	348	H
2	5.93342	-68.02	Pk	35.1	-16.6	11.8	-37.72	-27	-10.72	252	348	H

Pk - Peak detector

VERTICAL RESULT



Trace Markers

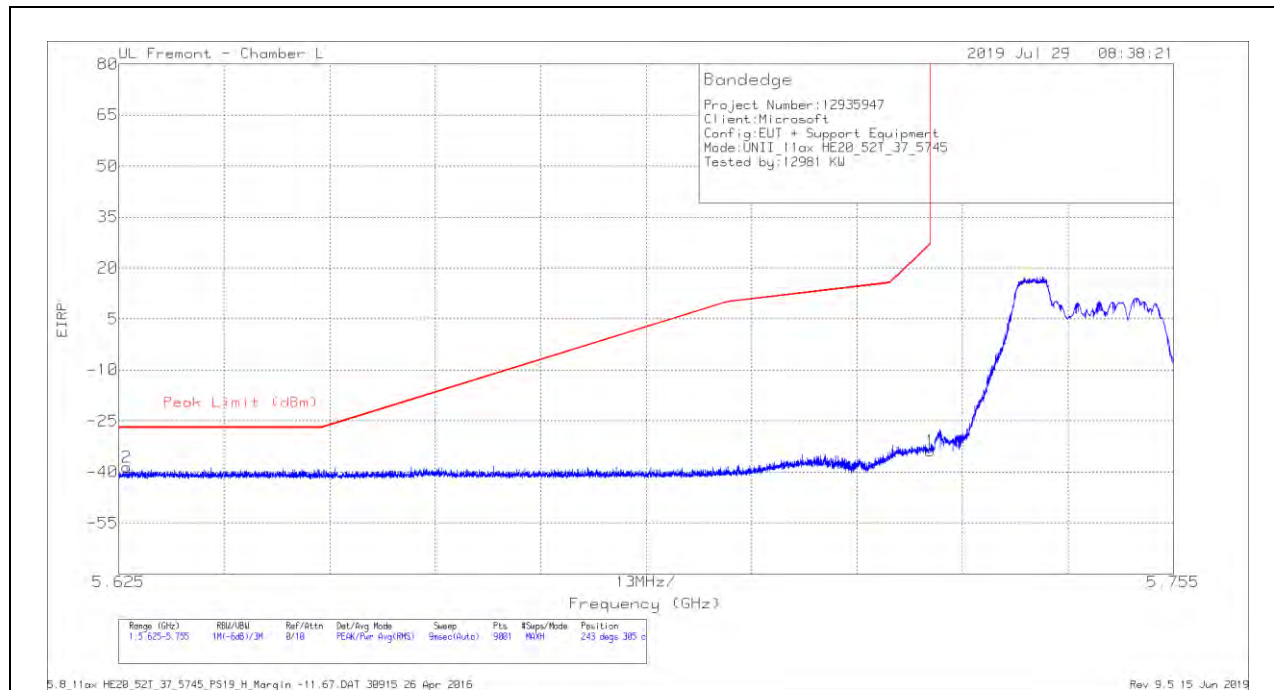
Marker	Frequency (GHz)	Meter Reading (dBm)	Det	AF T120 (dB/m)	Amp/Cbl/Fitr/Pad (dB)	Conversion Factor (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.85002	-53.05	Pk	35	-17	11.8	-23.25	26.95	-50.2	240	268	V
2	5.98713	-68.08	Pk	35.2	-16.3	11.8	-37.38	-27	-10.38	240	268	V

Pk - Peak detector

2TX Chain 0 + Chain 1 OFDMA MODE – 52-Tones, RU Index 37

BANDEDGE (LOW CHANNEL)

HORIZONTAL RESULT

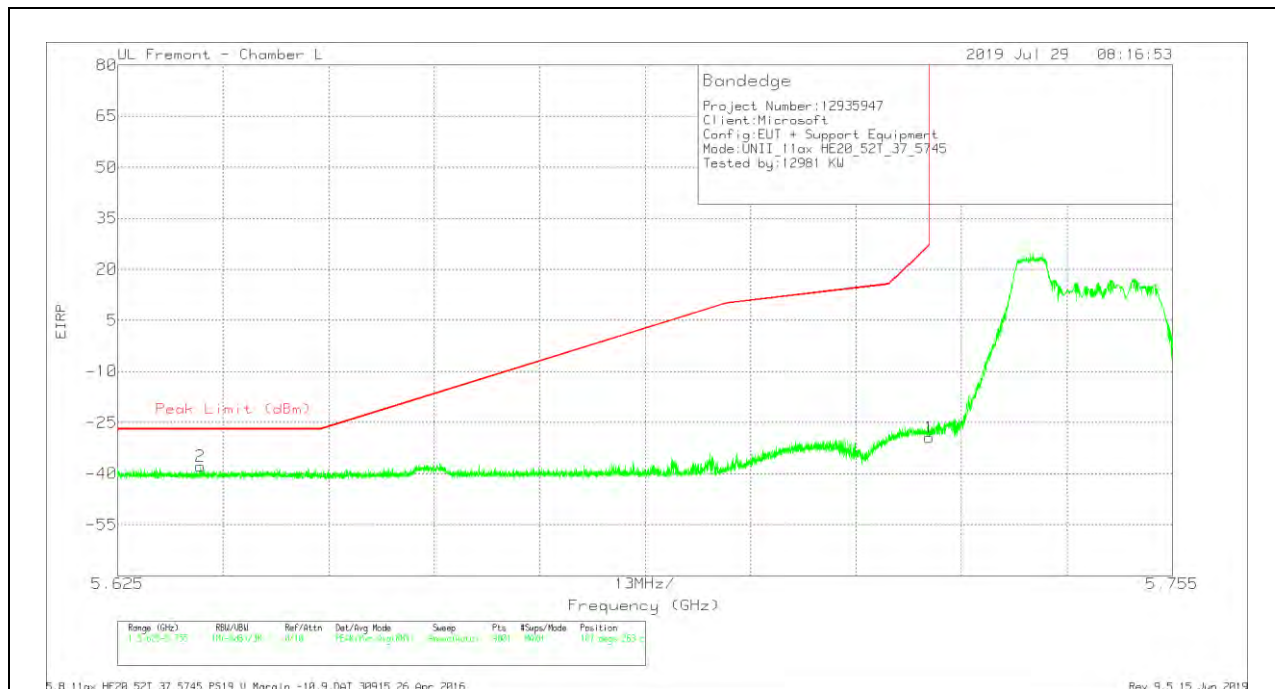


Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBm)	Det	AF T120 (dB/m)	Amp/Cbl/Filtr/Pad (dB)	Conversion Factor (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.725	-63.46	Pk	34.7	-16.8	11.8	-33.76	26.99	-60.75	243	305	H
2	5.62598	-68.37	Pk	34.7	-16.8	11.8	-38.67	-27	-11.67	243	305	H

Pk - Peak detector

VERTICAL RESULT



Trace Markers

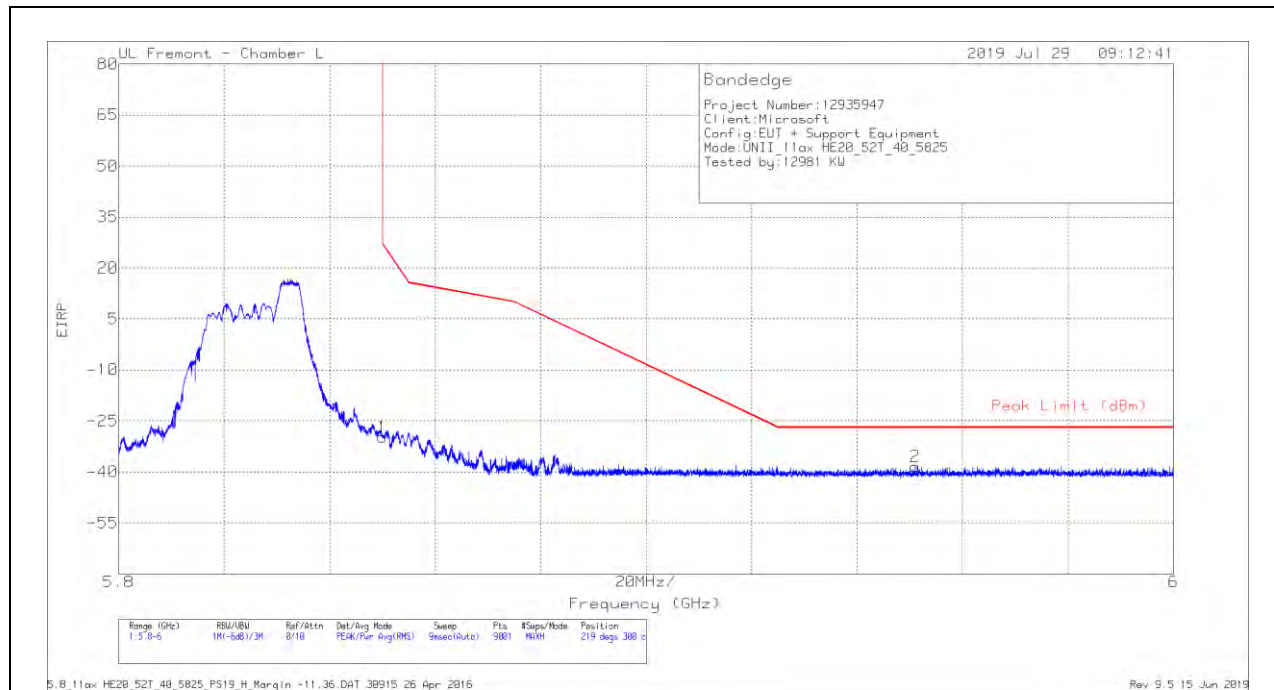
Marker	Frequency (GHz)	Meter Reading (dBm)	Det	AF T120 (dB/m)	Amp/Cbl/Filtr/Pad (dB)	Conversion Factor (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.725	-59.09	Pk	34.7	-16.8	11.8	-29.39	26.99	-56.38	187	263	V
2	5.63521	-67.6	Pk	34.6	-16.7	11.8	-37.9	-27	-10.9	187	263	V

Pk - Peak detector

2TX Chain 0 + Chain 1 OFDMA MODE – 52-Tones, RU Index 40

BANDEDGE (HIGH CHANNEL)

HORIZONTAL RESULT

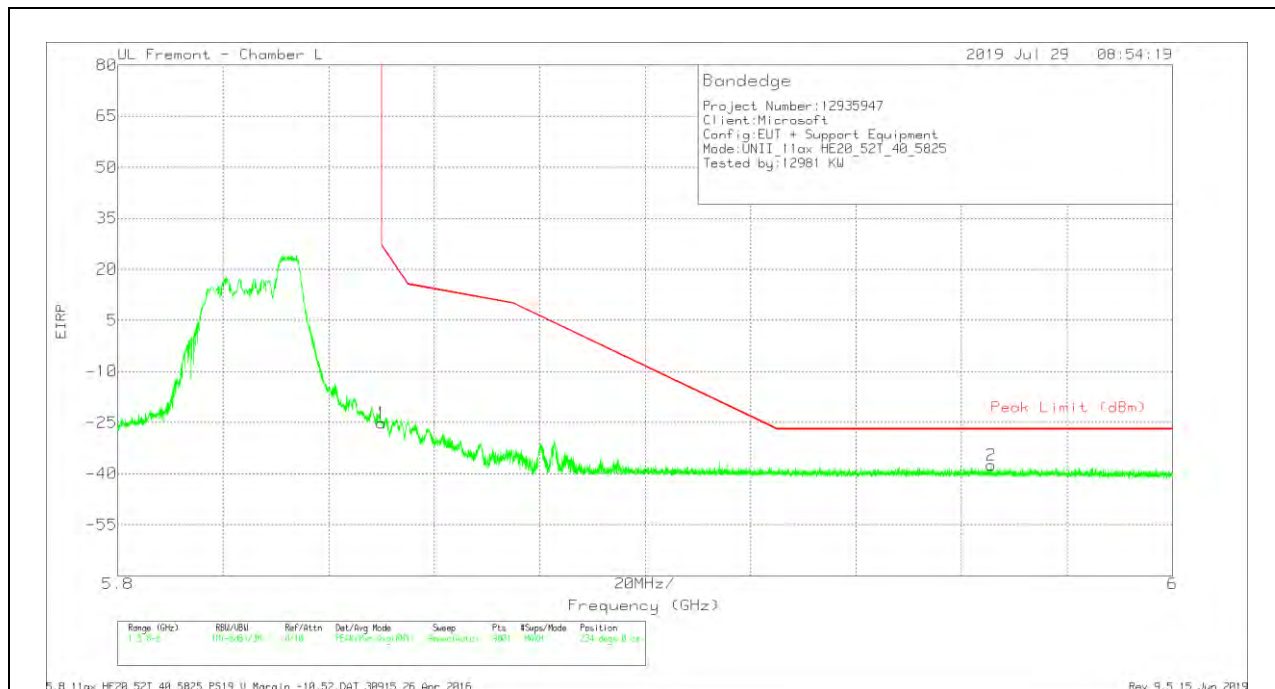


Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBm)	Det	AF T120 (dB/m)	Amp/Cbl/Filtr/Pad (dB)	Conversion Factor (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.85002	-59.61	Pk	35	-17	11.8	-29.81	26.95	-56.76	219	300	H
2	5.95107	-68.76	Pk	35.1	-16.5	11.8	-38.36	-27	-11.36	219	300	H

Pk - Peak detector

VERTICAL RESULT



Trace Markers

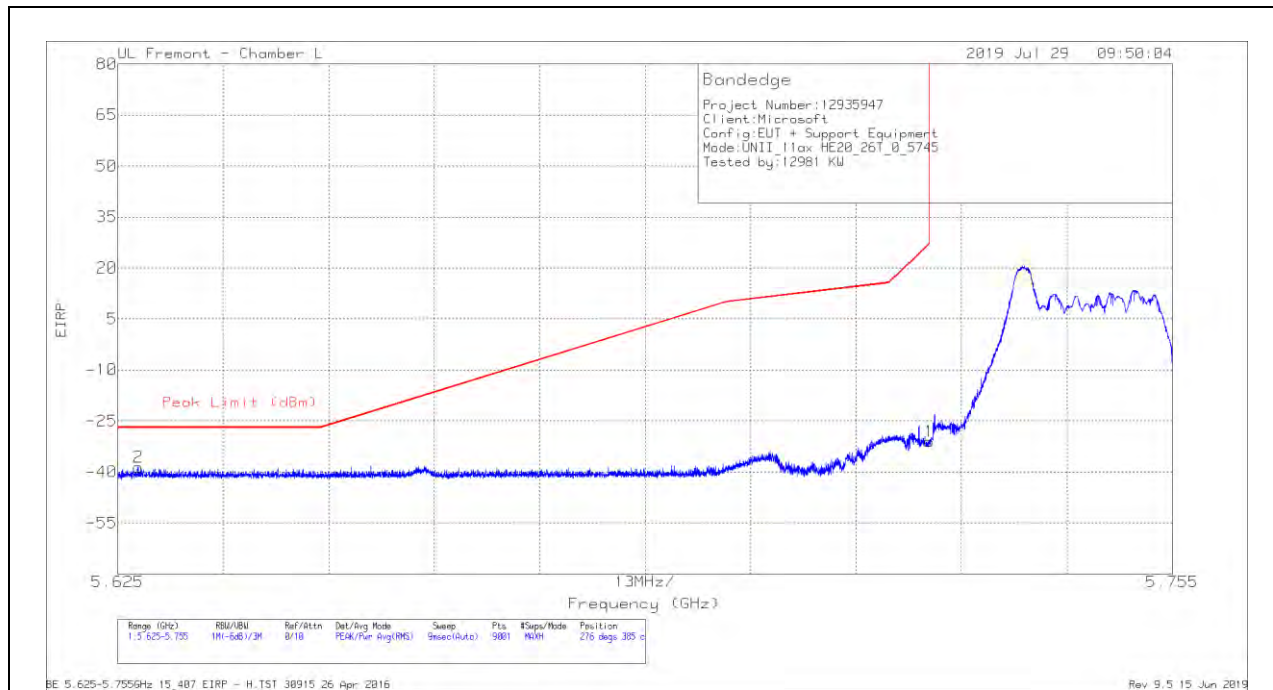
Marker	Frequency (GHz)	Meter Reading (dBm)	Det	AF T120 (dB/m)	Amp/Cbl/Filtr/Pad (dB)	Conversion Factor (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.85002	-54.88	Pk	35	-17	11.8	-25.08	26.95	-52.03	234	275	V
2	5.96562	-68.12	Pk	35.2	-16.4	11.8	-37.52	-27	-10.52	234	275	V

Pk - Peak detector

2TX Chain 0 + Chain 1 OFDMA MODE – 26-Tones, RU Index 0

BANDEDGE (LOW CHANNEL)

HORIZONTAL RESULT

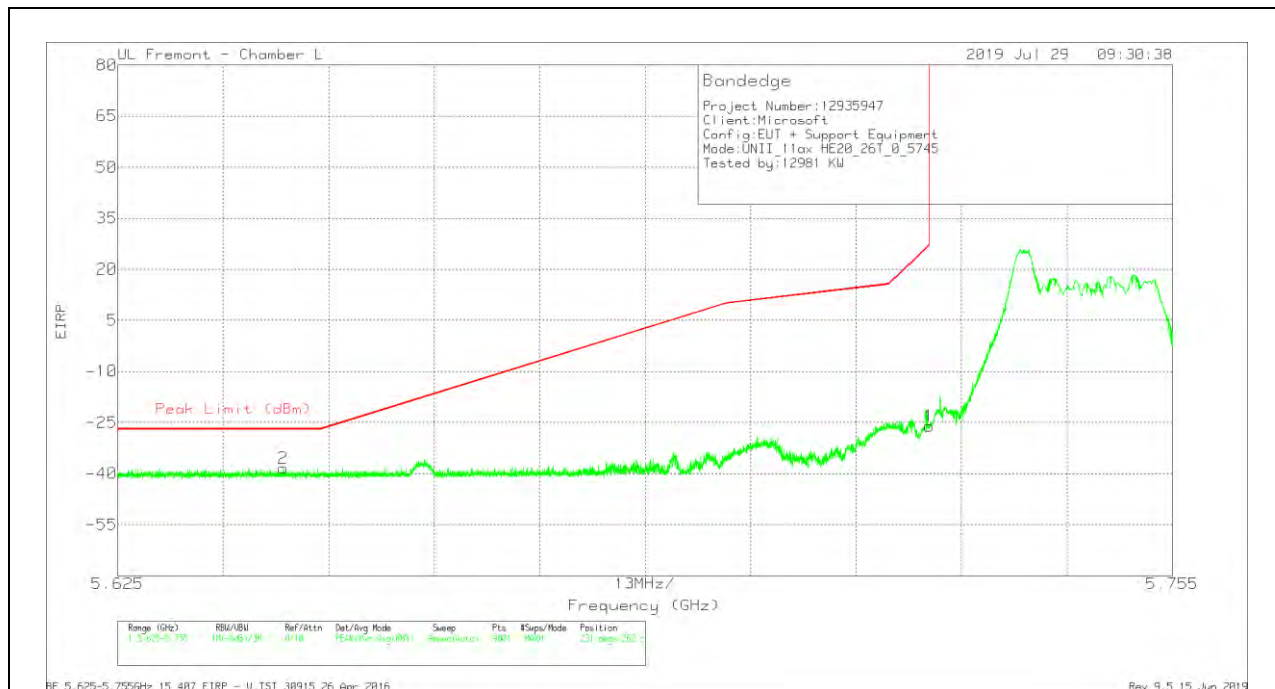


Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBm)	Det	AF T120 (dB/m)	Amp/Cbl/Filtr/Pad (dB)	Conversion Factor (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.725	-60.65	Pk	34.7	-16.8	11.8	-30.95	26.99	-57.94	276	385	H
2	5.62751	-68.3	Pk	34.7	-16.8	11.8	-38.6	-27	-11.6	276	385	H

Pk - Peak detector

VERTICAL RESULT



Trace Markers

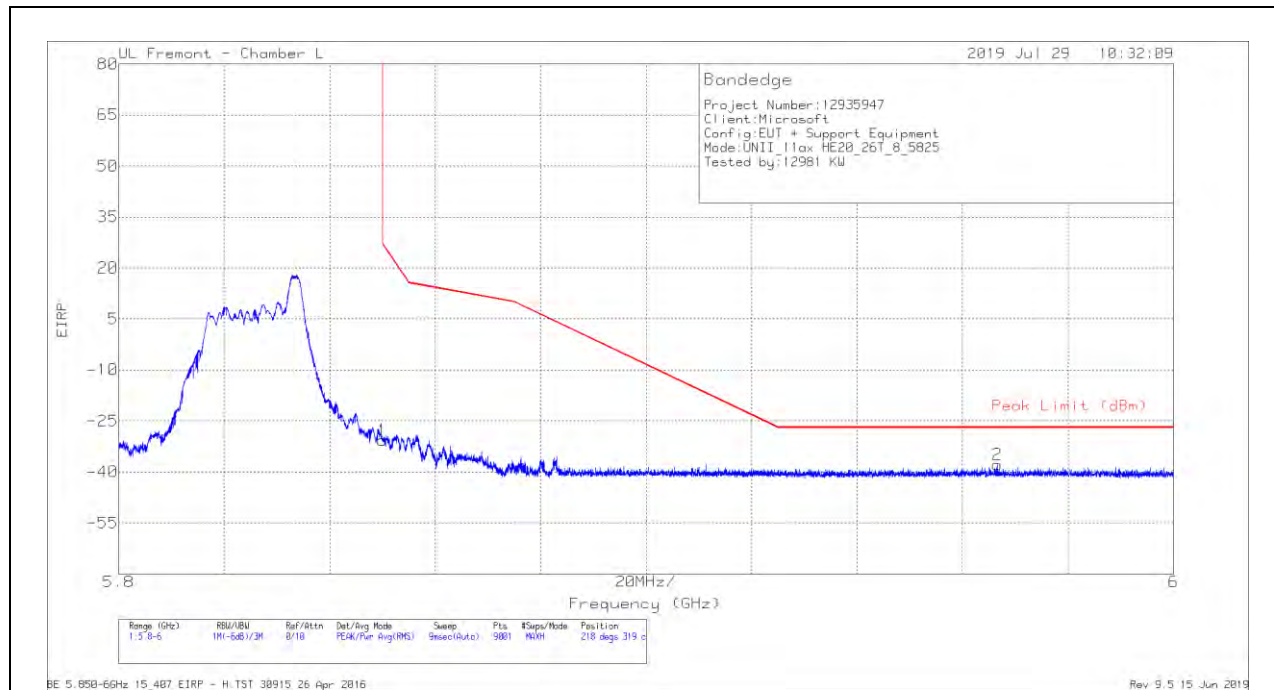
Marker	Frequency (GHz)	Meter Reading (dBm)	Det	AF T120 (dB/m)	Amp/Cbl/Filtr/Pad (dB)	Conversion Factor (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.725	-55.76	Pk	34.7	-16.8	11.8	-26.06	26.99	-53.05	231	262	V
2	5.64541	-68.13	Pk	34.7	-16.7	11.8	-38.33	-27	-11.33	231	262	V

Pk - Peak detector

2TX Chain 0 + Chain 1 OFDMA MODE – 26-Tones, RU Index 8

BANDEDGE (HIGH CHANNEL)

HORIZONTAL RESULT

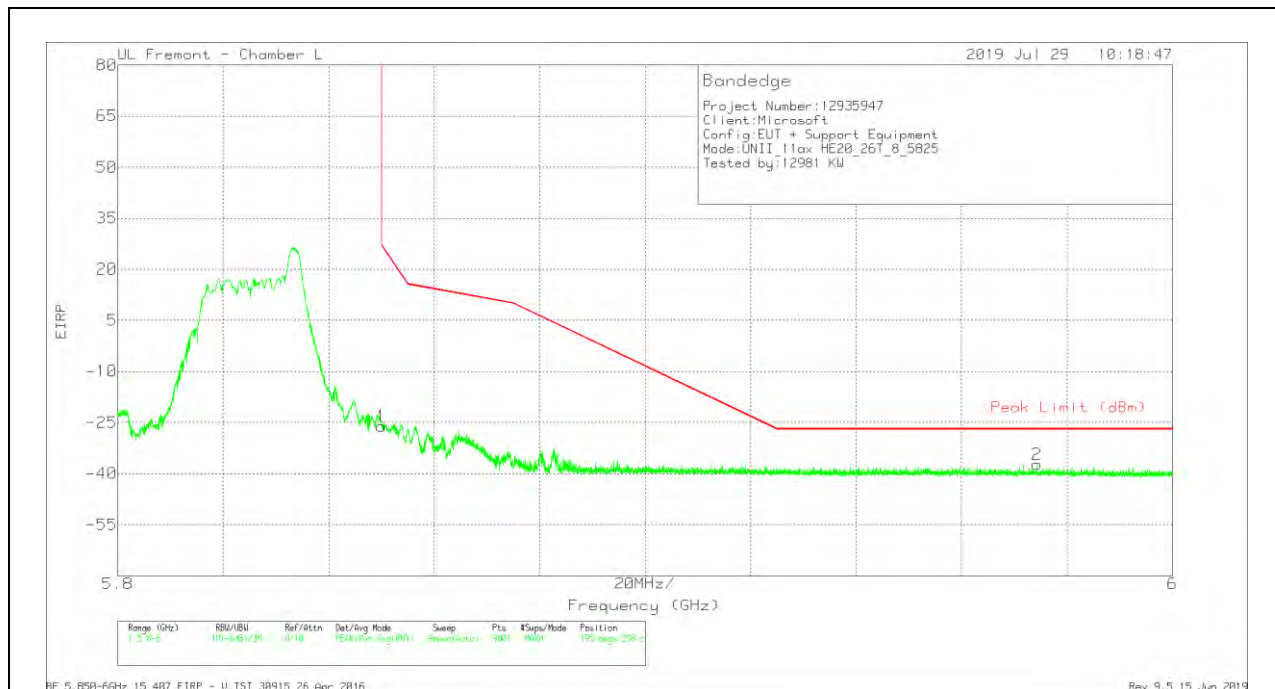


Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBm)	Det	AF T120 (dB/m)	Amp/Cbl/Filtr/Pad (dB)	Conversion Factor (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.85002	-60.39	Pk	35	-17	11.8	-30.59	26.95	-57.54	218	319	H
2	5.96655	-68.33	Pk	35.1	-16.4	11.8	-37.83	-27	-10.83	218	319	H

Pk - Peak detector

VERTICAL RESULT



Trace Markers

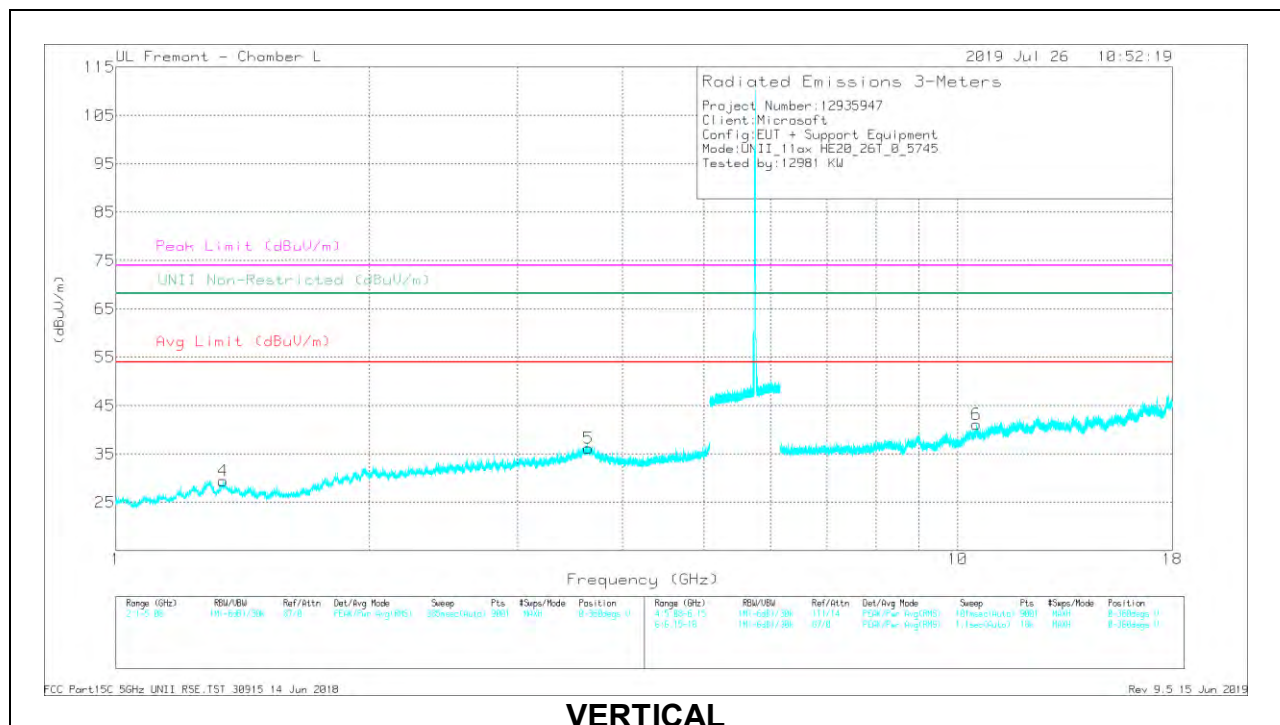
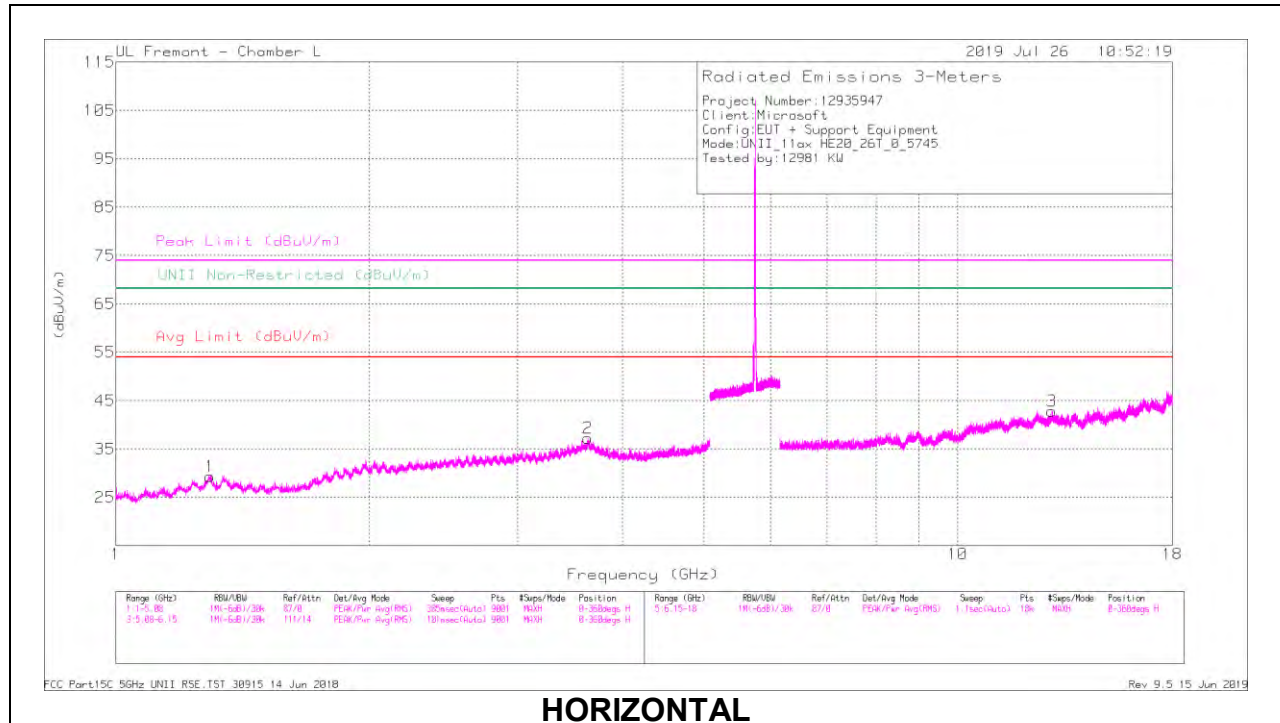
Marker	Frequency (GHz)	Meter Reading (dBm)	Det	AF T120 (dB/m)	Amp/Cbl/Fitr/Pad (dB)	Conversion Factor (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.85002	-55.81	Pk	35	-17	11.8	-26.01	26.95	-52.96	195	258	V
2	5.97431	-67.9	Pk	35.1	-16.3	11.8	-37.3	-27	-10.3	195	258	V

Pk - Peak detector

2TX Chain 0 + Chain 1 OFDMA MODE – 26-Tones

HARMONICS AND SPURIOUS EMISSIONS

LOW CHANNEL RESULTS



RADIATED EMISSIONS

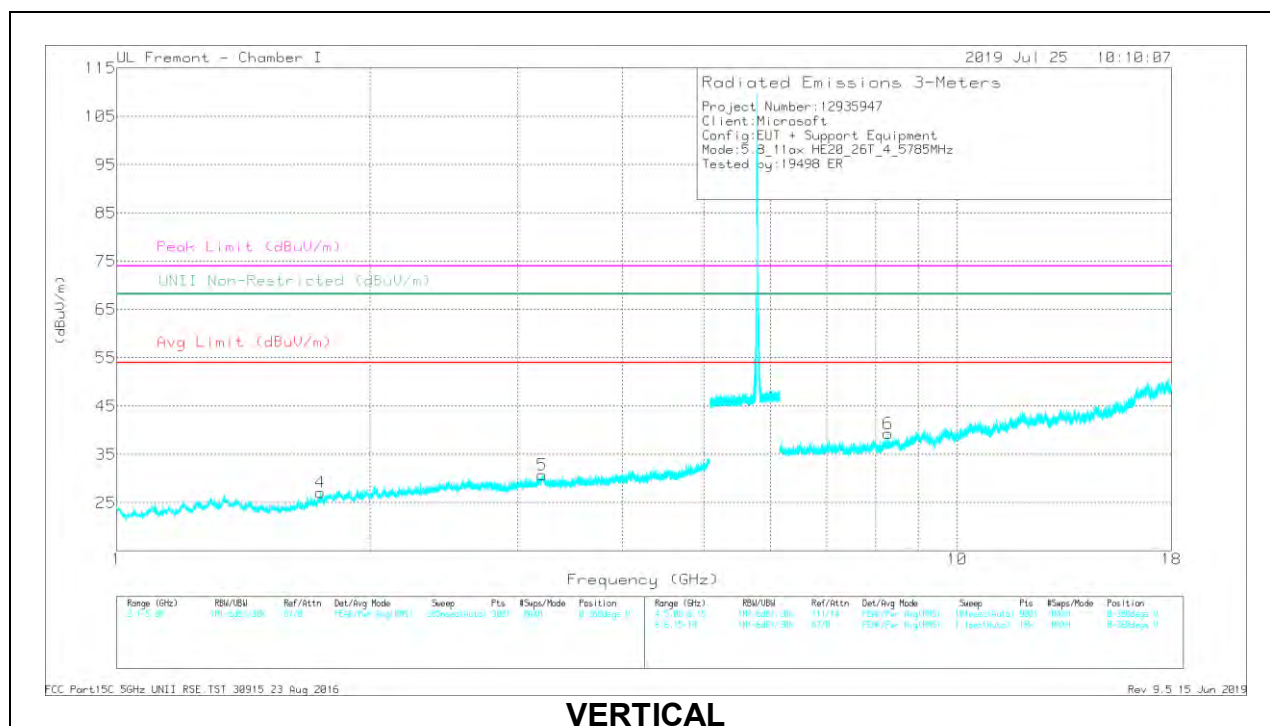
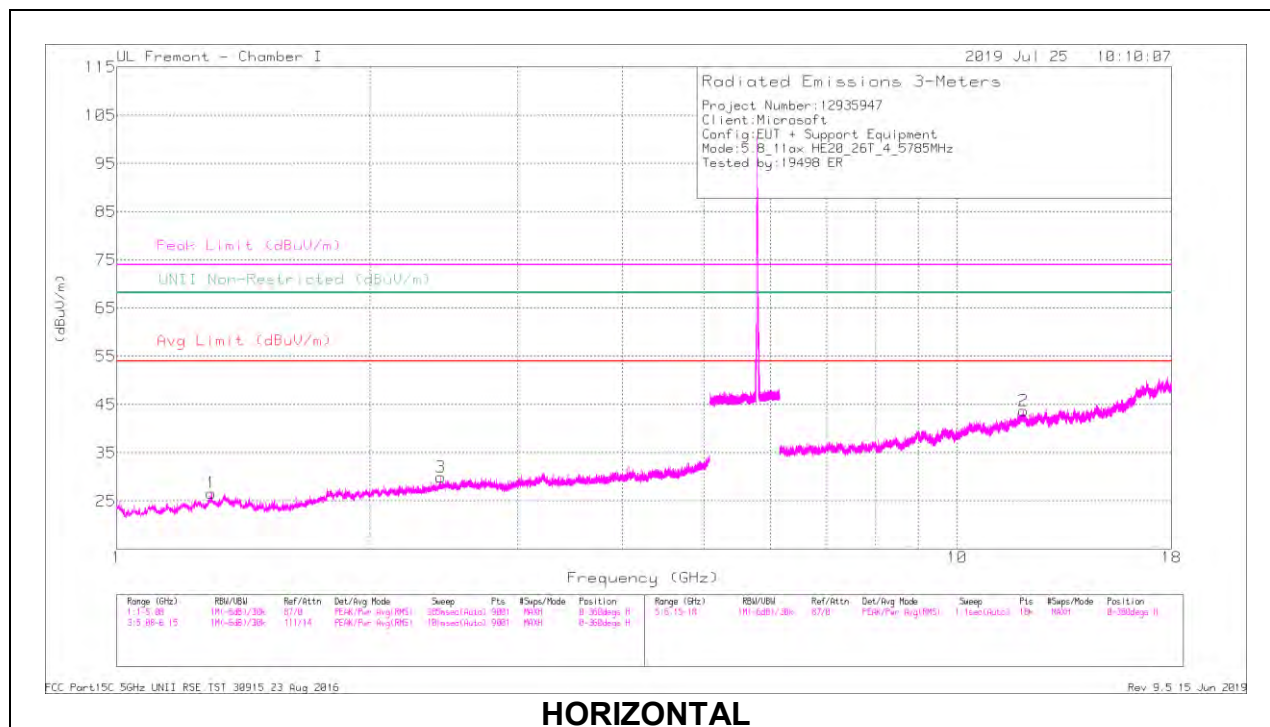
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T120 (dB/m)	Amp/Cbl/Fitr/Pad (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 1.29131	37.81	PK-U	30.1	-33.1	34.81	-	-	74	-39.19	-	-	106	166	H
	* 1.2915	29.78	ADR	30.1	-33.1	26.78	54	-27.22	-	-	-	-	106	166	H
2	* 3.64048	35.54	PK-U	36	-28	43.54	-	-	74	-30.46	-	-	183	202	H
	* 3.63903	26.23	ADR	36	-28	34.23	54	-19.77	-	-	-	-	183	202	H
4	* 1.33911	37.55	PK-U	30.2	-33.2	34.55	-	-	74	-39.45	-	-	249	157	V
	* 1.34163	29.91	ADR	30.2	-33.2	26.91	54	-27.09	-	-	-	-	249	157	V
5	* 3.64555	34.86	PK-U	35.9	-28	42.76	-	-	74	-31.24	-	-	169	127	V
	* 3.64218	26.35	ADR	35.9	-28	34.25	54	-19.75	-	-	-	-	169	127	V
3	12.94858	29.19	PK-U	39.3	-19.2	49.29	-	-	-	-	68.2	-18.91	71	199	H
6	10.53512	27.98	PK-U	37.8	-19.4	46.38	-	-	-	-	68.2	-21.82	192	298	V

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

PK-U - U-NII: Maximum Peak

ADR - U-NII AD primary method, RMS average

MID CHANNEL RESULTS



RADIATED EMISSIONS

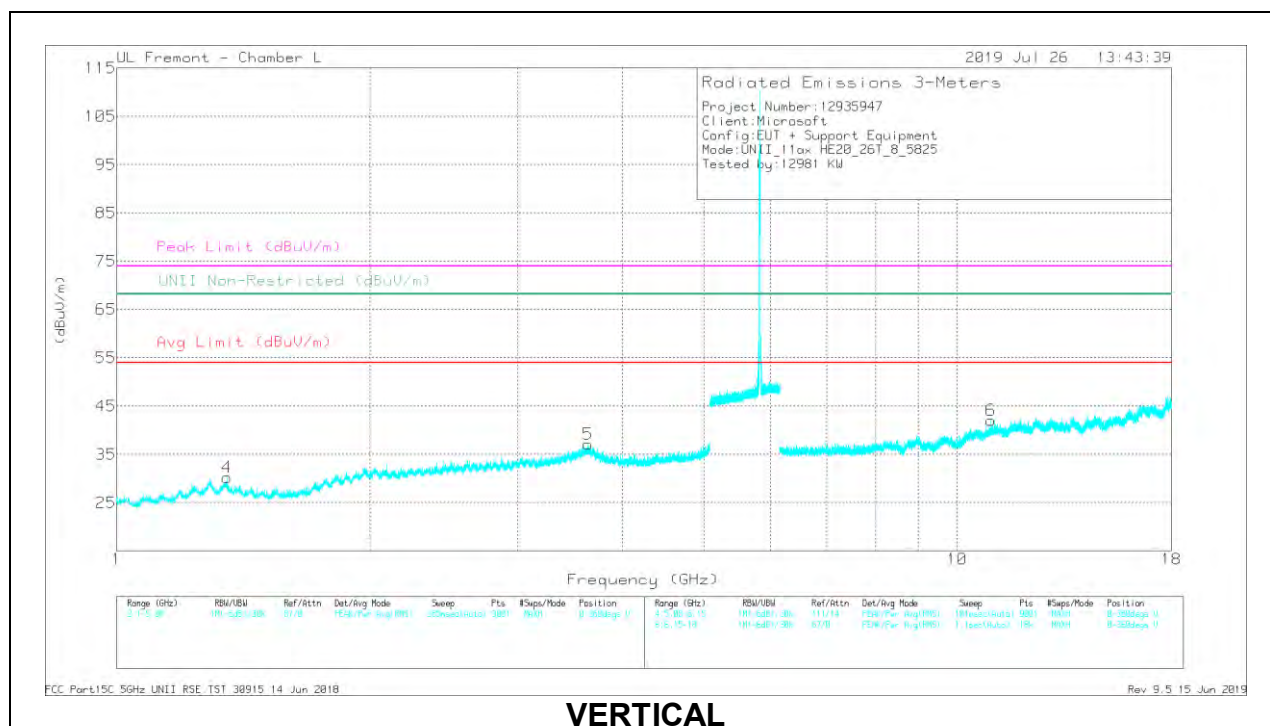
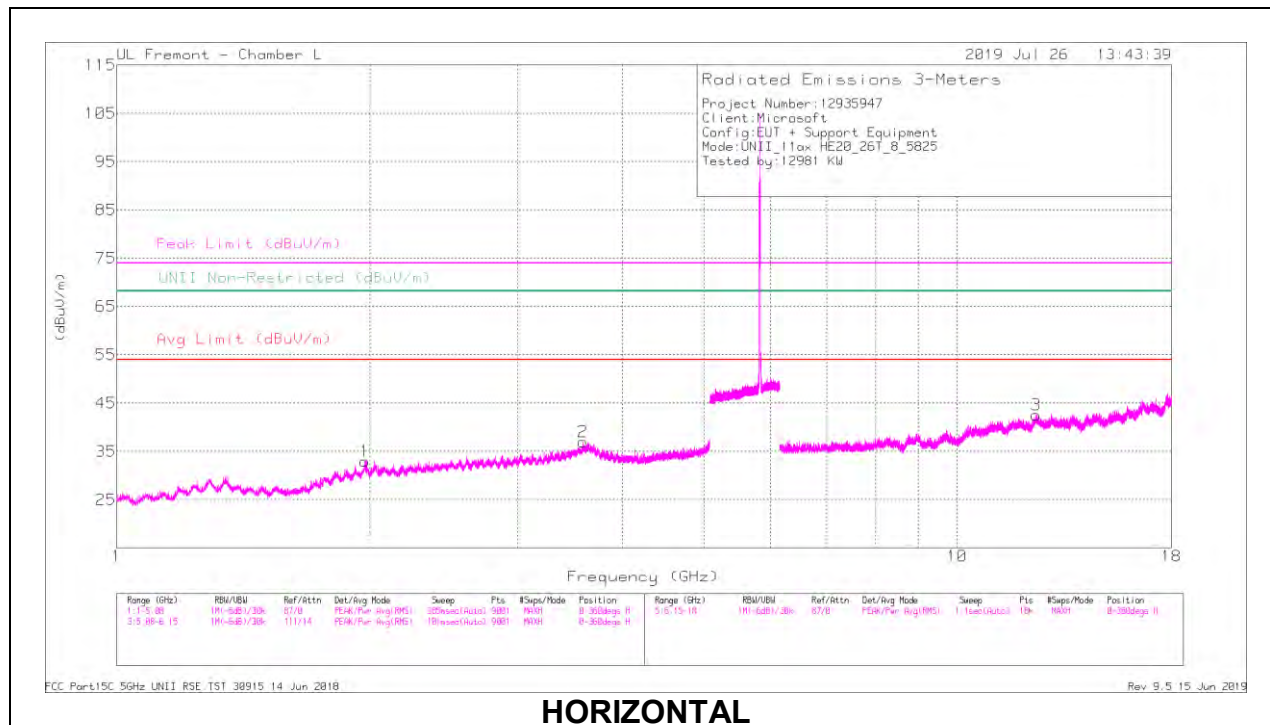
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T862 (dBm)	Amp/Cbl/Fitr/Pad (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 1.29614	38.46	PK-U	29.3	-33.7	34.06	-	-	74	-39.94	-	-	24	129	H
	* 1.29627	28.59	ADR	29.4	-33.7	24.29	54	-29.71	-	-	-	-	24	129	H
3	2.42653	34.31	PK-U	32.2	-31.7	34.61	-	-	-	-	66.2	-33.39	184	136	H
4	1.74772	36.85	PK-U	29.8	-33.1	33.55	-	-	-	-	66.2	-34.65	212	141	V
5	3.20799	33.94	PK-U	33.5	-29.8	37.64	-	-	-	-	66.2	-30.56	147	214	V
2	* 11.99277	26.99	PK-U	38.8	-16.2	49.99	-	-	74	-24.41	-	-	135	169	H
	* 11.99452	17.83	ADR	38.8	-16.2	40.43	54	-13.57	-	-	-	-	135	169	H
6	* 8.27781	26.55	PK-U	35.8	-19.7	42.65	-	-	74	-31.35	-	-	248	247	V
	* 8.27904	18.54	ADR	35.8	-19.7	34.64	54	-19.36	-	-	-	-	248	247	V

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

PK-U - U-NII: Maximum Peak

ADR - U-NII AD primary method, RMS average

HIGH CHANNEL RESULTS



RADIATED EMISSIONS

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T120 (dB/m)	Amp/Cbl/Fitr/Pad (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	1.97334	36.85	PK-U	31.8	-30.9	37.75	-	-	-	-	68.2	-30.45	296	236	H
2	* 3.58495	34.72	PK-U	35.8	-28.9	41.62	-	-	74	-32.38	-	-	178	201	H
	* 3.5855	26.61	ADR	35.8	-28.9	33.51	54	-20.49	-	-	-	-	178	201	H
4	* 1.34992	38.89	PK-U	30.2	-33.2	35.89	-	-	74	-38.11	-	-	219	155	V
	* 1.34979	29.43	ADR	30.2	-33.2	26.43	54	-27.57	-	-	-	-	219	155	V
5	* 3.64089	34.21	PK-U	35.9	-28	42.11	-	-	74	-31.89	-	-	277	223	V
	* 3.6387	26.01	ADR	36	-28	34.01	54	-19.99	-	-	-	-	277	223	V
3	* 12.41667	27.73	PK-U	39.3	-19.8	47.23	-	-	74	-26.77	-	-	154	129	H
	* 12.41435	20.59	ADR	39.3	-19.8	40.09	54	-13.91	-	-	-	-	154	129	H
6	* 10.98018	29.41	PK-U	37.9	-19.6	47.71	-	-	74	-26.29	-	-	110	162	V
	* 10.9803	19.28	ADR	37.9	-19.6	37.58	54	-16.42	-	-	-	-	110	162	V

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

PK-U - U-NII: Maximum Peak

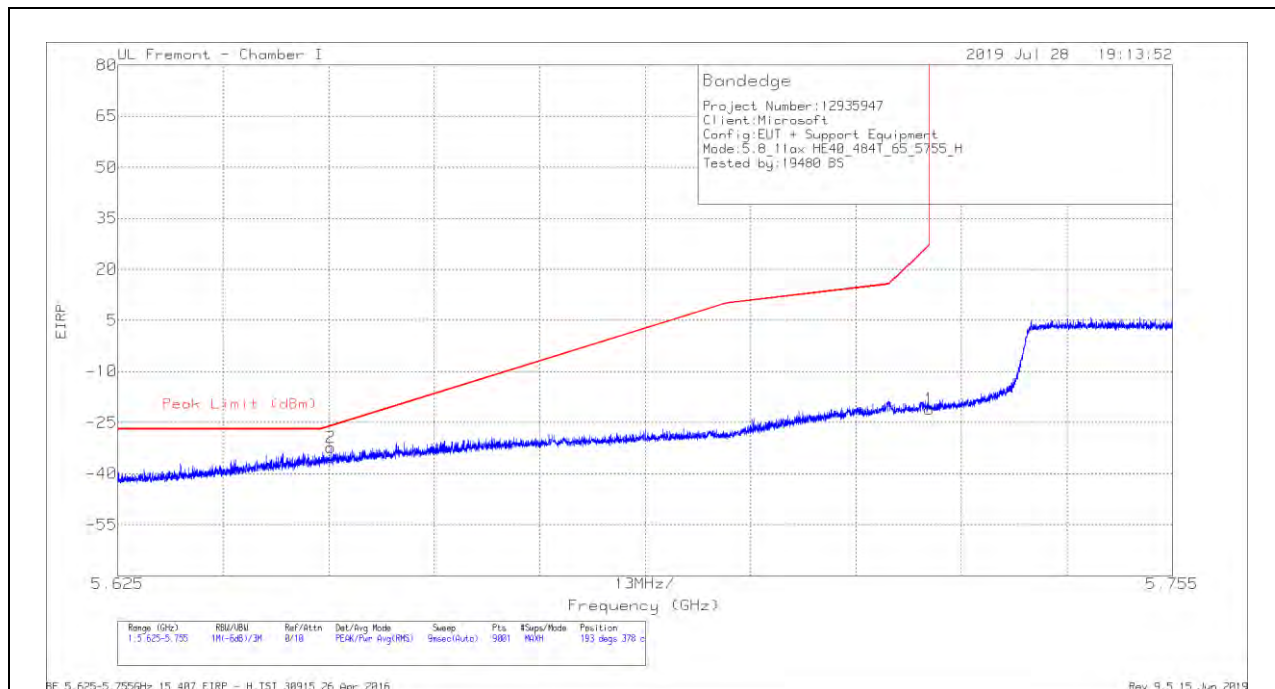
ADR - U-NII AD primary method, RMS average

9.1.2. TX ABOVE 1 GHz 802.11ax HE40 MODE IN THE 5.8 GHz BAND

2TX Chain 0 + Chain 1 OFDMA MODE – 484-Tones, RU Index 65

BANDEDGE (LOW CHANNEL)

HORIZONTAL RESULT

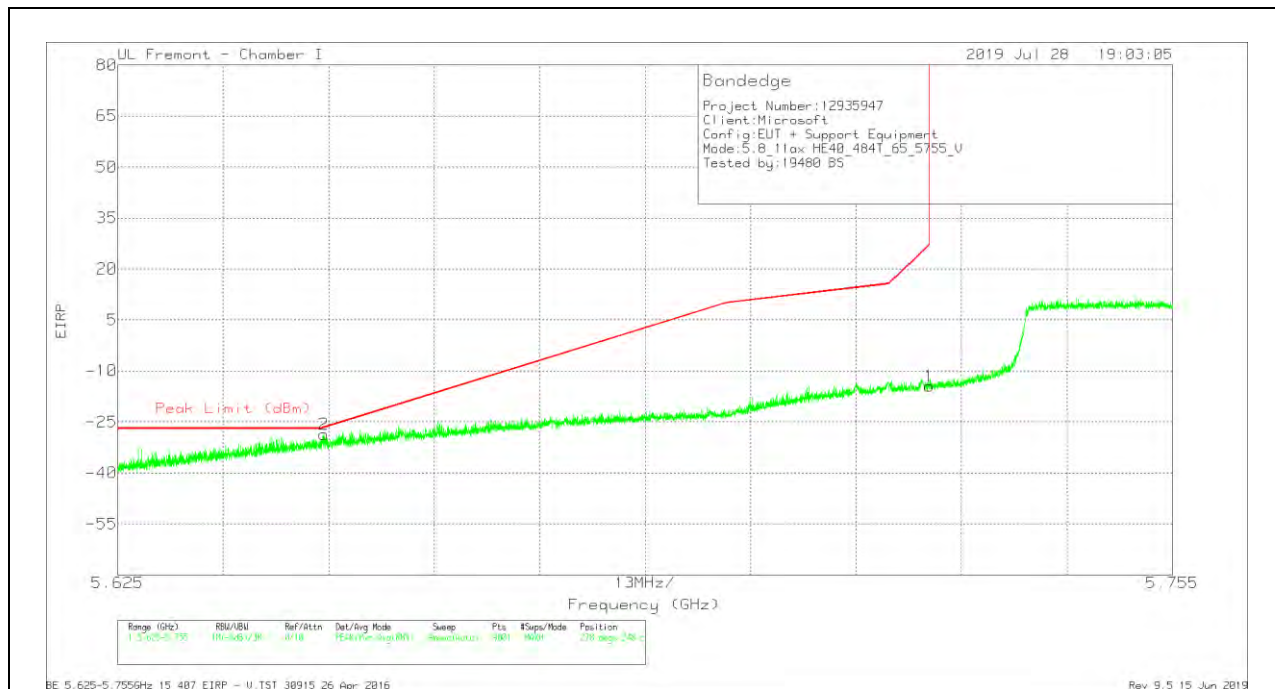


Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBm)	Det	AF T862 (dB/m)	Amp/Cbl/Fitr/Pad (dB)	Conversion Factor (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.725	-49.21	Pk	34.9	-18.5	11.8	-21.01	26.99	-48	193	378	H
2	5.65126	-60.56	Pk	35	-18.6	11.8	-32.36	-26.07	-6.29	193	378	H

Pk - Peak detector

VERTICAL RESULT



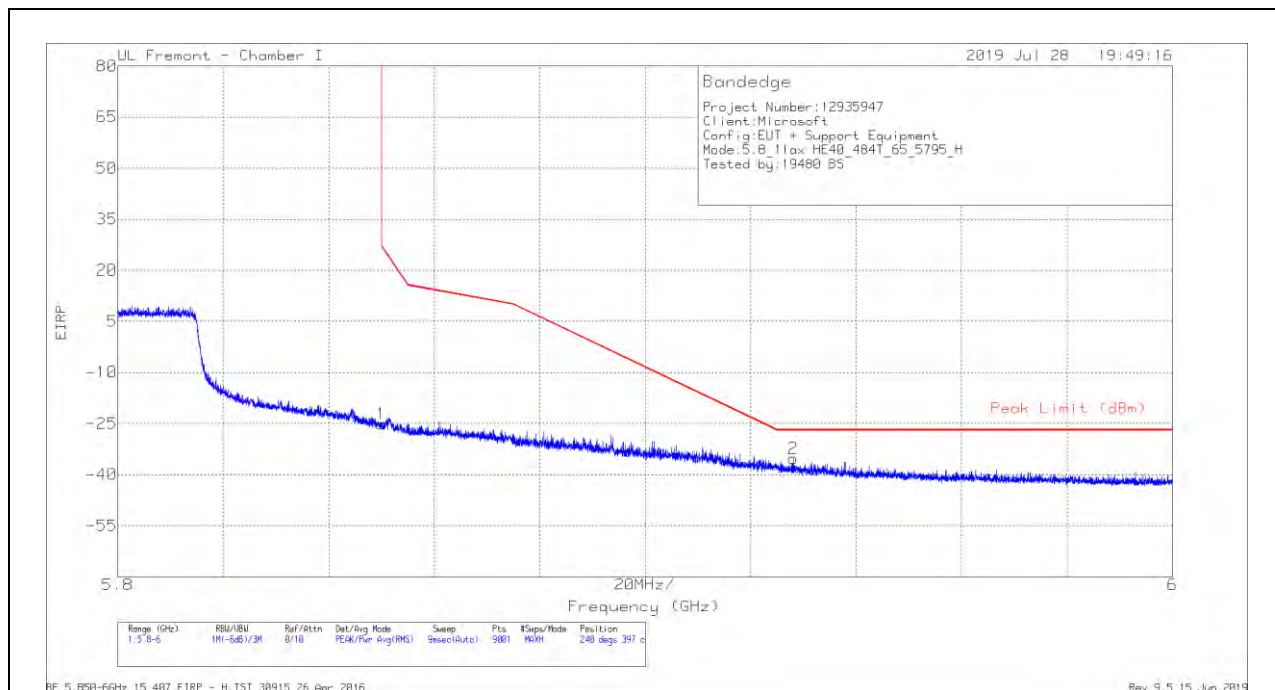
Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBm)	Det	AF T862 (dB/m)	Amp/Cbl/Filtr/Pad (dB)	Conversion Factor (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.725	-42.68	Pk	34.9	-18.5	11.8	-14.48	26.99	-41.47	278	248	V
2	5.65044	-56.87	Pk	35	-18.6	11.8	-28.67	-26.68	-1.99	278	248	V

Pk - Peak detector

BANDEDGE (HIGH CHANNEL)

HORIZONTAL RESULT

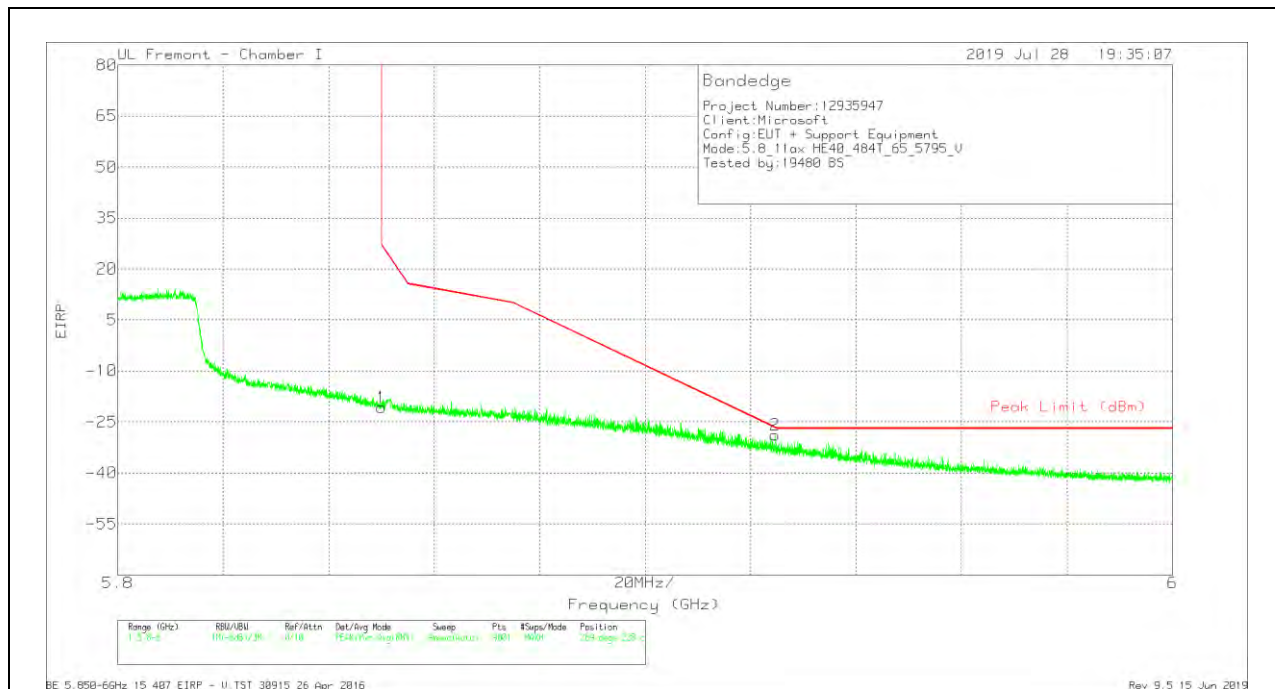


Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBm)	Det	AF T862 (dB/m)	Amp/Cbl/Fitr/Pad (dB)	Conversion Factor (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.85002	-54.62	Pk	35.1	-17.4	11.8	-25.12	26.95	-52.07	240	397	H
2	5.92815	-64.72	Pk	35.1	-17.4	11.8	-35.22	-27	-8.22	240	397	H

Pk - Peak detector

VERTICAL RESULT



Trace Markers

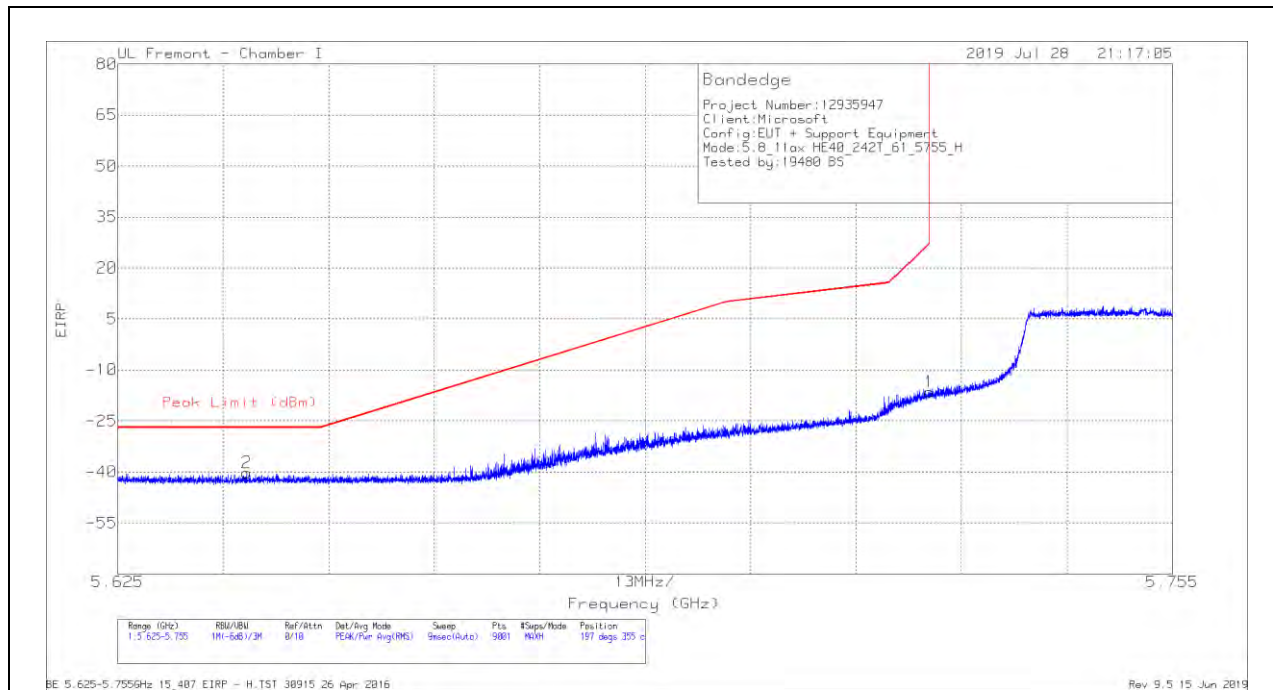
Marker	Frequency (GHz)	Meter Reading (dBm)	Det	AF T862 (dB/m)	Amp/Cbl/Filtr/Pad (dB)	Conversion Factor (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.85002	-50.18	Pk	35.1	-17.4	11.8	-20.68	26.95	-47.63	269	228	V
2	5.92467	-58.29	Pk	35.1	-17.4	11.8	-28.79	-26.75	-2.04	269	228	V

Pk - Peak detector

2TX Chain 0 + Chain 1 OFDMA MODE – 242-Tones, RU Index 61

BANDEDGE (LOW CHANNEL)

HORIZONTAL RESULT

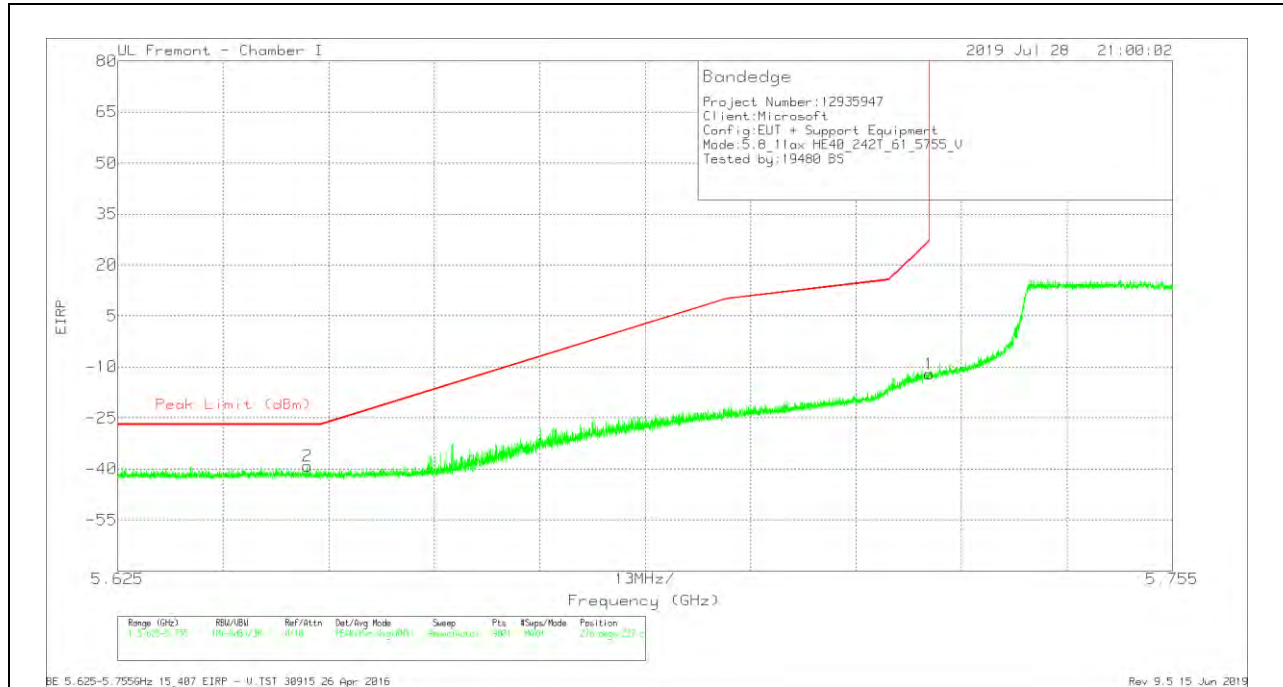


Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBm)	Det	AF T862 (dB/m)	Amp/Cbl/Fitr/Pad (dB)	Conversion Factor (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.725	-44.75	Pk	34.9	-18.5	11.8	-16.55	26.99	-43.54	197	355	H
2	5.64089	-68.46	Pk	35.1	-18.6	11.8	-40.16	-27	-13.16	197	355	H

Pk - Peak detector

VERTICAL RESULT



Trace Markers

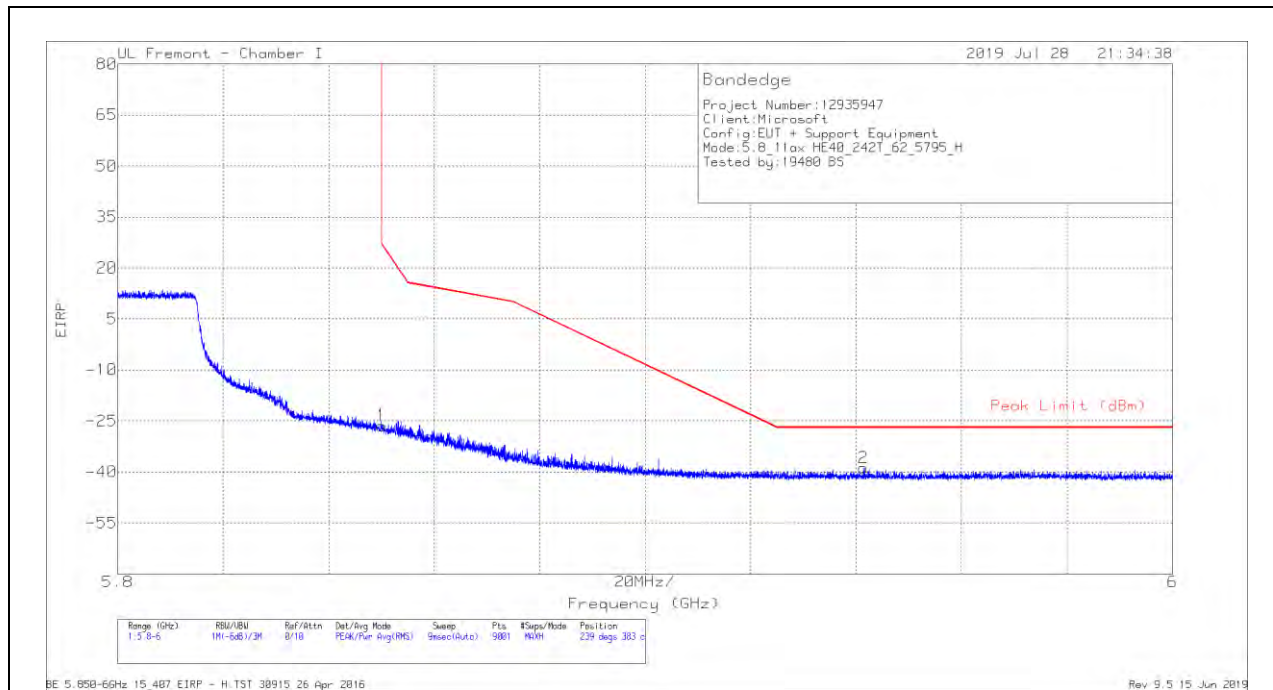
Marker	Frequency (GHz)	Meter Reading (dBm)	Det	AF T862 (dB/m)	Amp/Cbl/Filtr/Pad (dB)	Conversion Factor (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.725	-40.33	Pk	34.9	-18.5	11.8	-12.13	26.99	-39.12	276	227	V
2	5.64837	-67.44	Pk	35.1	-18.6	11.8	-39.14	-27	-12.14	276	227	V

Pk - Peak detector

2TX Chain 0 + Chain 1 OFDMA MODE – 242-Tones, RU Index 62

BANDEDGE (HIGH CHANNEL)

HORIZONTAL RESULT

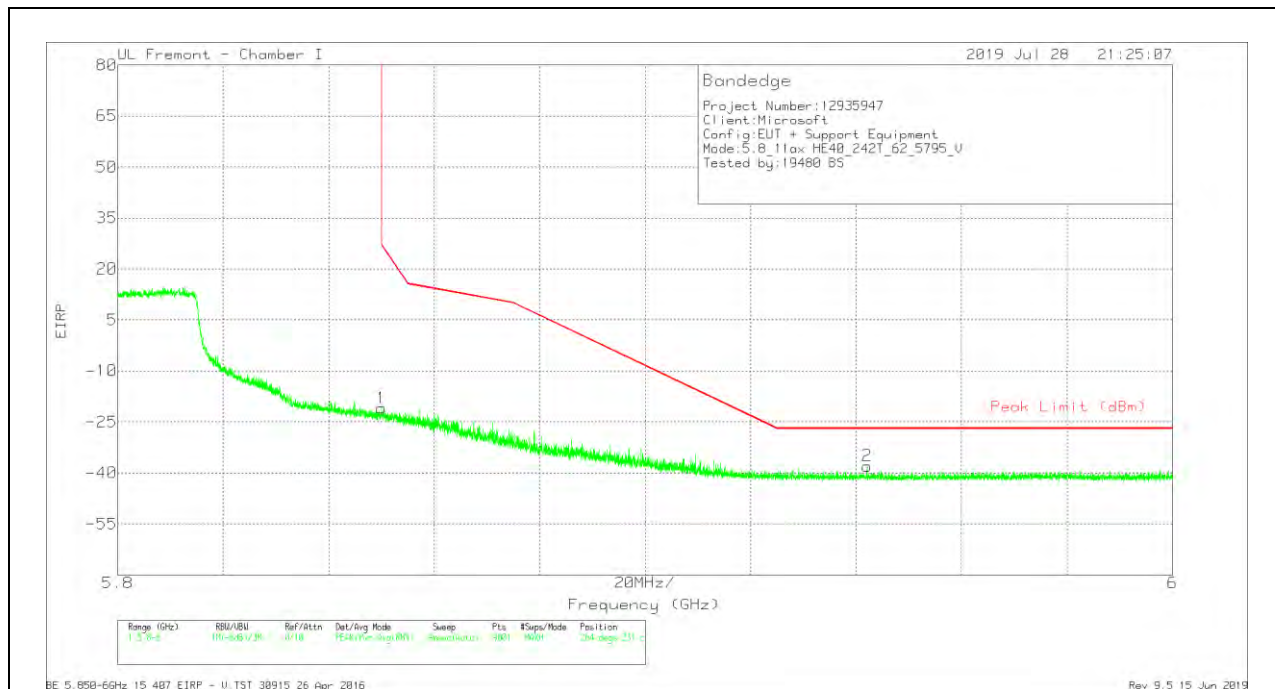


Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBm)	Det	AF T862 (dB/m)	Amp/Cbl/Fitr/Pad (dB)	Conversion Factor (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.85002	-55.84	Pk	35.1	-17.4	11.8	-26.34	26.95	-53.29	239	383	H
2	5.94142	-68.29	Pk	35.1	-17.4	11.8	-38.79	-27	-11.79	239	383	H

Pk - Peak detector

VERTICAL RESULT



Trace Markers

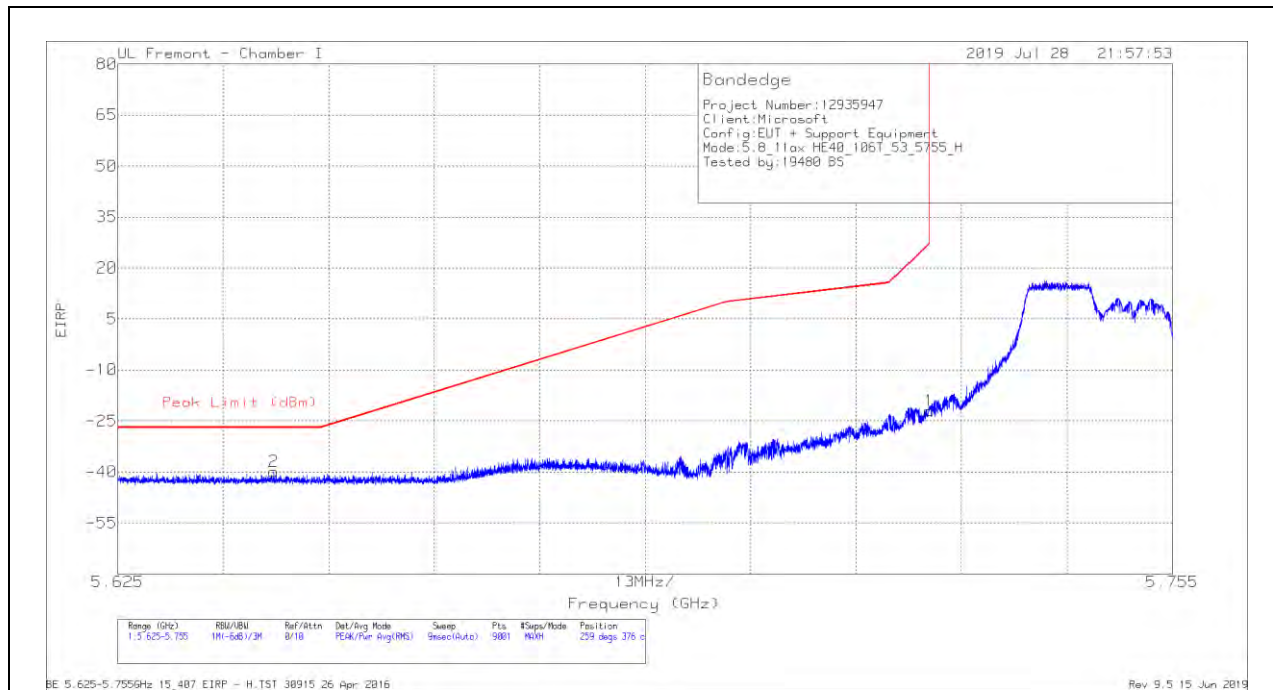
Marker	Frequency (GHz)	Meter Reading (dBm)	Det	AF T862 (dB/m)	Amp/Cbl/Filtr/Pad (dB)	Conversion Factor (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.85002	-50.39	Pk	35.1	-17.4	11.8	-20.89	26.95	-47.84	264	231	V
2	5.94207	-67.54	Pk	35.1	-17.3	11.8	-37.94	-27	-10.94	264	231	V

Pk - Peak detector

2TX Chain 0 + Chain 1 OFDMA MODE – 106-Tones, RU Index 53

BANDEGE (LOW CHANNEL)

HORIZONTAL RESULT

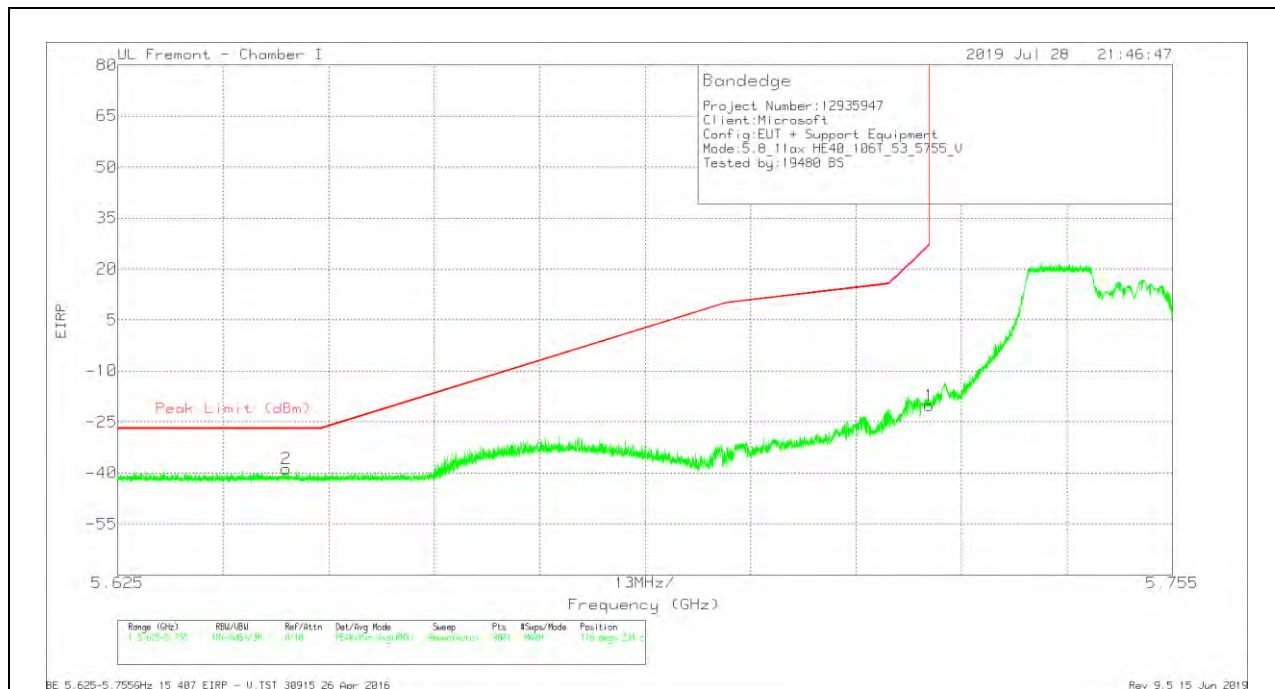


Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBm)	Det	AF T862 (dB/m)	Amp/Cbl/Fitr/Pad (dB)	Conversion Factor (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.725	-50.25	Pk	34.9	-18.5	11.8	-22.05	26.99	-49.04	259	376	H
2	5.64423	-68.17	Pk	35.1	-18.6	11.8	-39.87	-27	-12.87	259	376	H

Pk - Peak detector

VERTICAL RESULT



Trace Markers

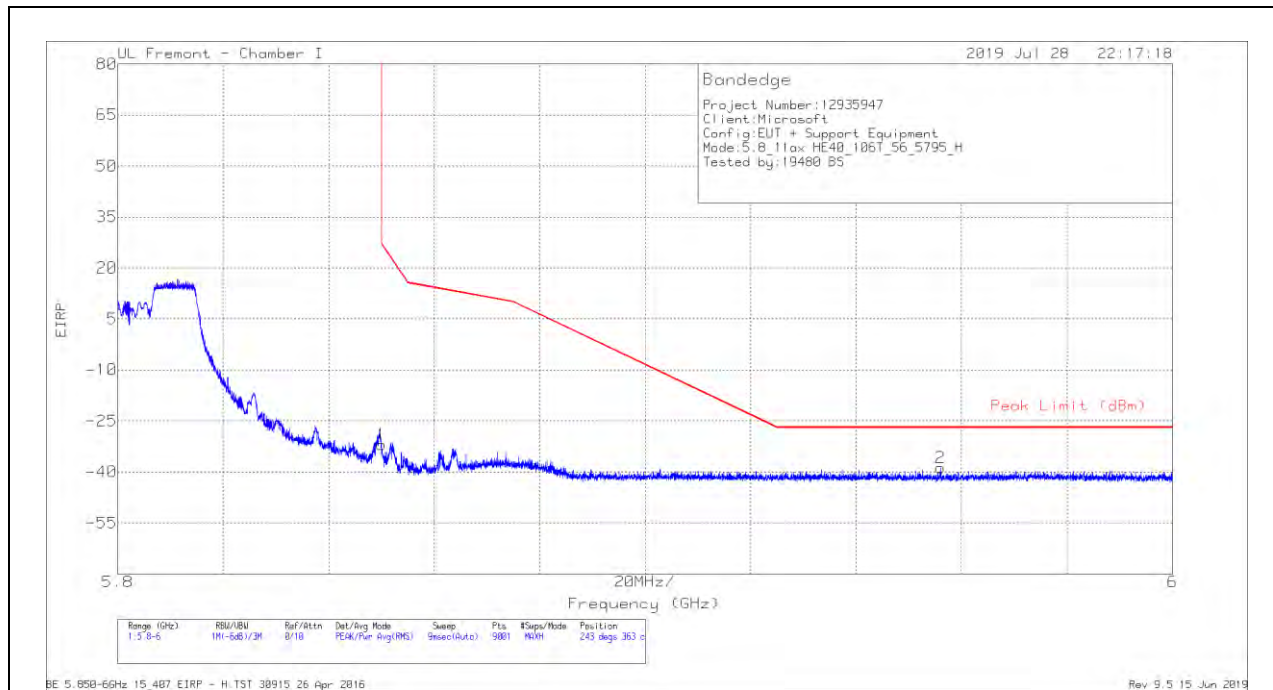
Marker	Frequency (GHz)	Meter Reading (dBm)	Det	AF T862 (dB/m)	Amp/Cbl/Filtr/Pad (dB)	Conversion Factor (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.725	-48.29	Pk	34.9	-18.5	11.8	-20.09	26.99	-47.08	176	234	V
2	5.64576	-67.05	Pk	35.1	-18.6	11.8	-38.75	-27	-11.75	176	234	V

Pk - Peak detector

2TX Chain 0 + Chain 1 OFDMA MODE – 106-Tones, RU Index 56

BANDEDGE (HIGH CHANNEL)

HORIZONTAL RESULT

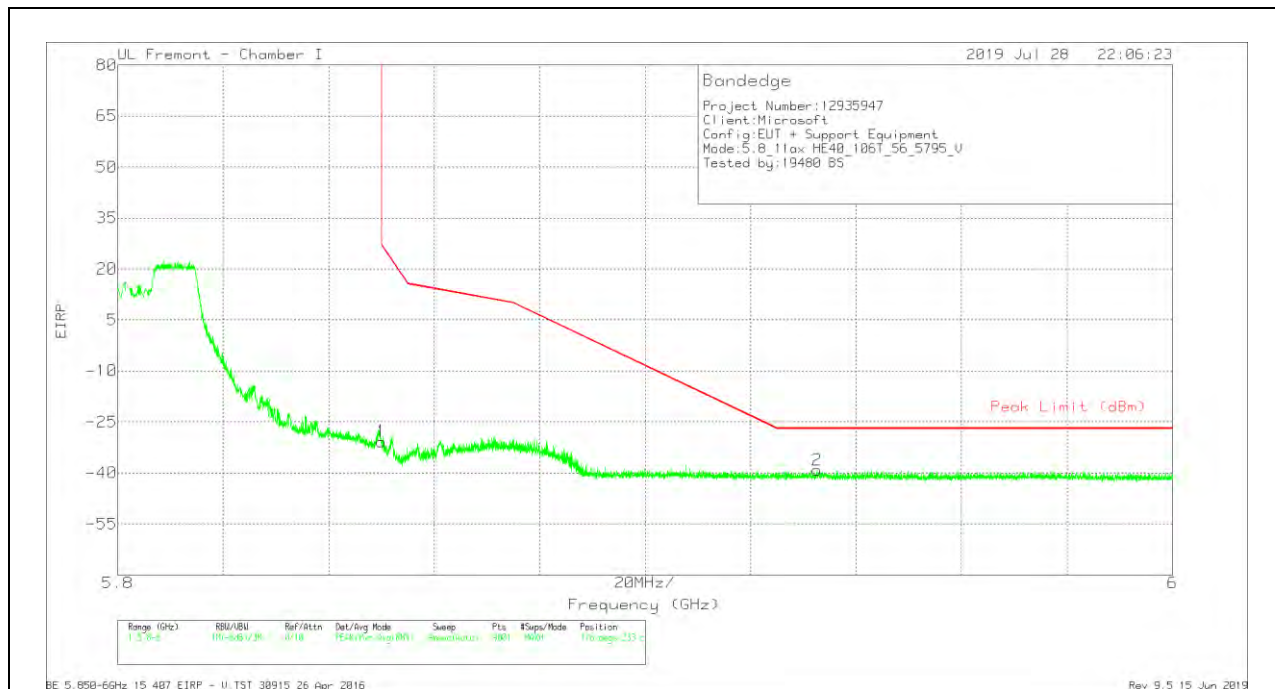


Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBm)	Det	AF T862 (dB/m)	Amp/Cbl/Fitr/Pad (dB)	Conversion Factor (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.85002	-61.53	Pk	35.1	-17.4	11.8	-32.03	26.95	-58.98	243	363	H
2	5.95604	-68.22	Pk	35.1	-17.5	11.8	-38.82	-27	-11.82	243	363	H

Pk - Peak detector

VERTICAL RESULT



Trace Markers

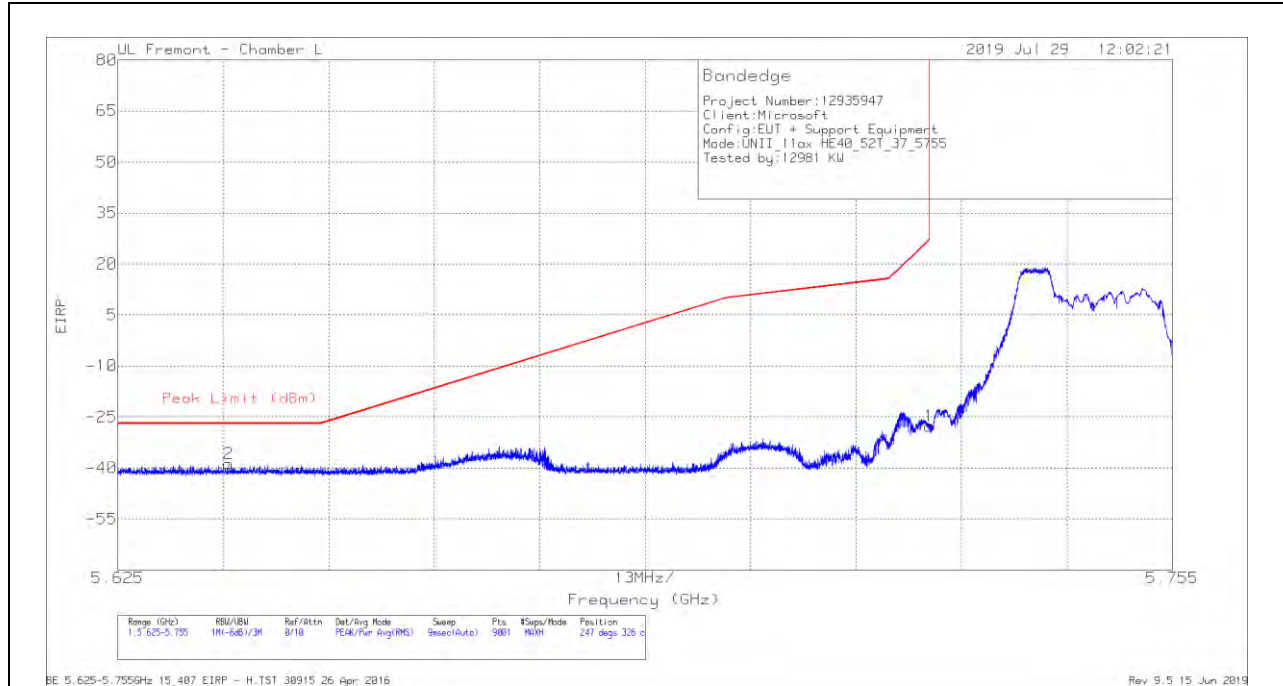
Marker	Frequency (GHz)	Meter Reading (dBm)	Det	AF T862 (dB/m)	Amp/Cbl/Filtr/Pad (dB)	Conversion Factor (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.85002	-60.26	Pk	35.1	-17.4	11.8	-30.76	26.95	-57.71	176	233	V
2	5.93262	-68.78	Pk	35.1	-17.3	11.8	-39.18	-27	-12.18	176	233	V

Pk - Peak detector

2TX Chain 0 + Chain 1 OFDMA MODE – 52-Tones, RU Index 37

BANDEDGE (LOW CHANNEL)

HORIZONTAL RESULT

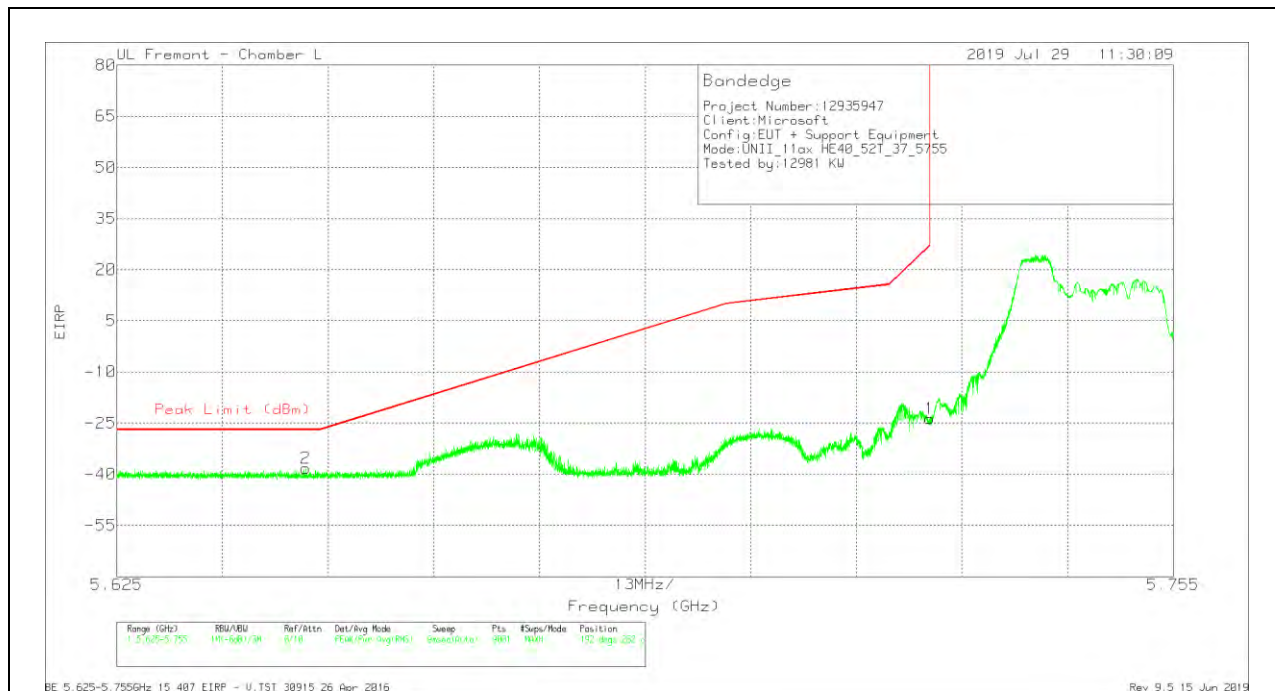


Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBm)	Det	AF T120 (dB/m)	Amp/Cbl/Filtr/Pad (dB)	Conversion Factor (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.725	-57.34	Pk	34.7	-16.8	11.8	-27.64	26.99	-54.63	247	326	H
2	5.63866	-68.58	Pk	34.7	-16.7	11.8	-38.78	-27	-11.78	247	326	H

Pk - Peak detector

VERTICAL RESULT



Trace Markers

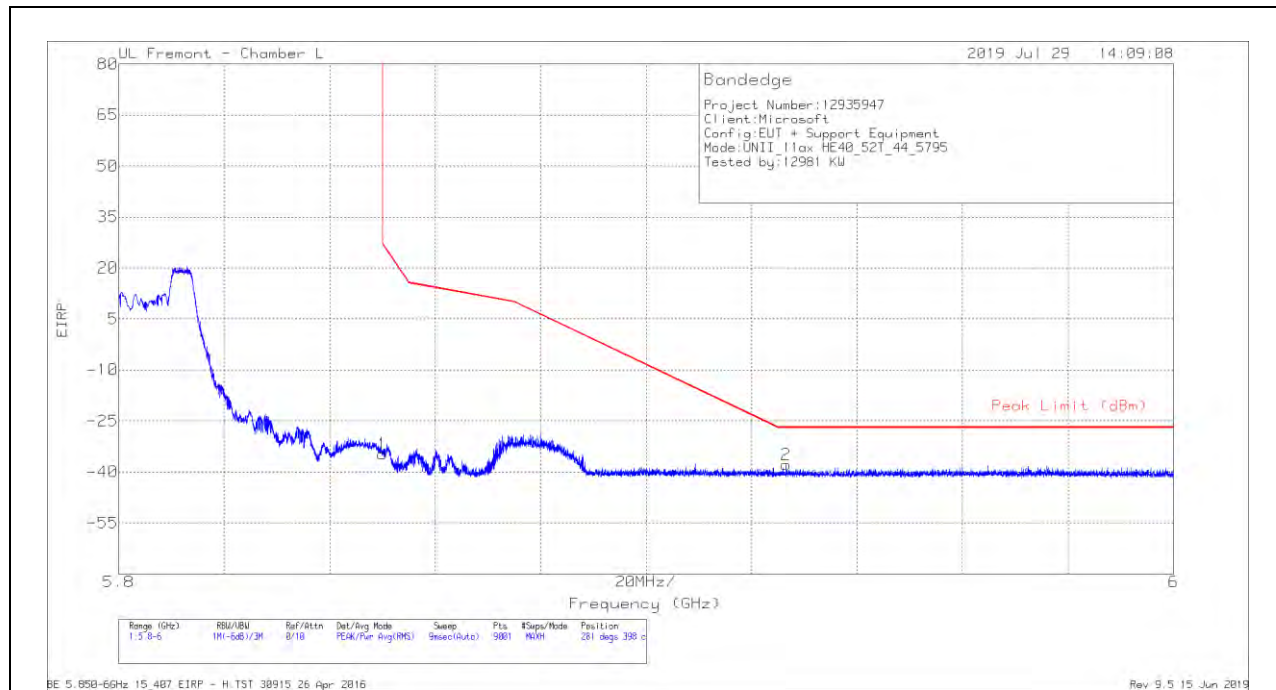
Marker	Frequency (GHz)	Meter Reading (dBm)	Det	AF T120 (dB/m)	Amp/Cbl/Filtr/Pad (dB)	Conversion Factor (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.725	-53.4	Pk	34.7	-16.8	11.8	-23.7	26.99	-50.69	192	262	V
2	5.64824	-68.1	Pk	34.7	-16.7	11.8	-38.3	-27	-11.3	192	262	V

Pk - Peak detector

2TX Chain 0 + Chain 1 OFDMA MODE – 52-Tones, RU Index 44

BANDEDGE (HIGH CHANNEL)

HORIZONTAL RESULT

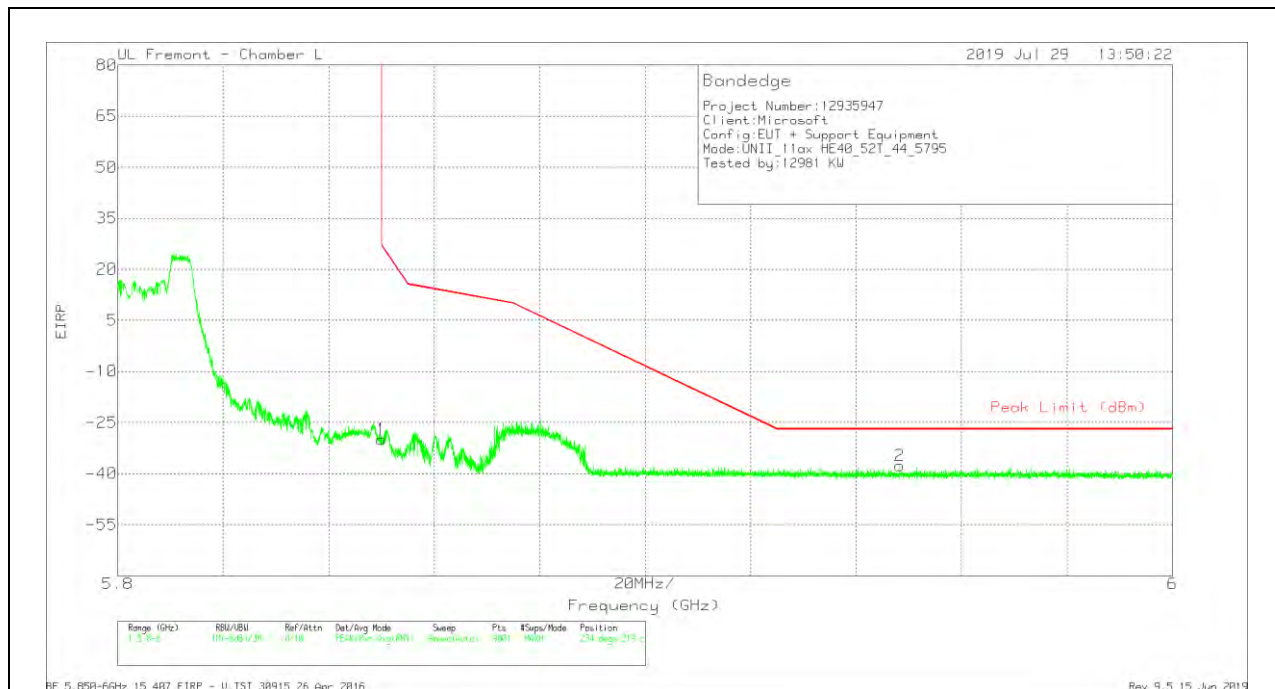


Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBm)	Det	AF T120 (dB/m)	Amp/Cbl/Filtr/Pad (dB)	Conversion Factor (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.85002	-64.6	Pk	35	-17	11.8	-34.8	26.95	-61.75	281	398	H
2	5.92658	-68.13	Pk	35.1	-16.7	11.8	-37.93	-27	-10.93	281	398	H

Pk - Peak detector

VERTICAL RESULT



Trace Markers

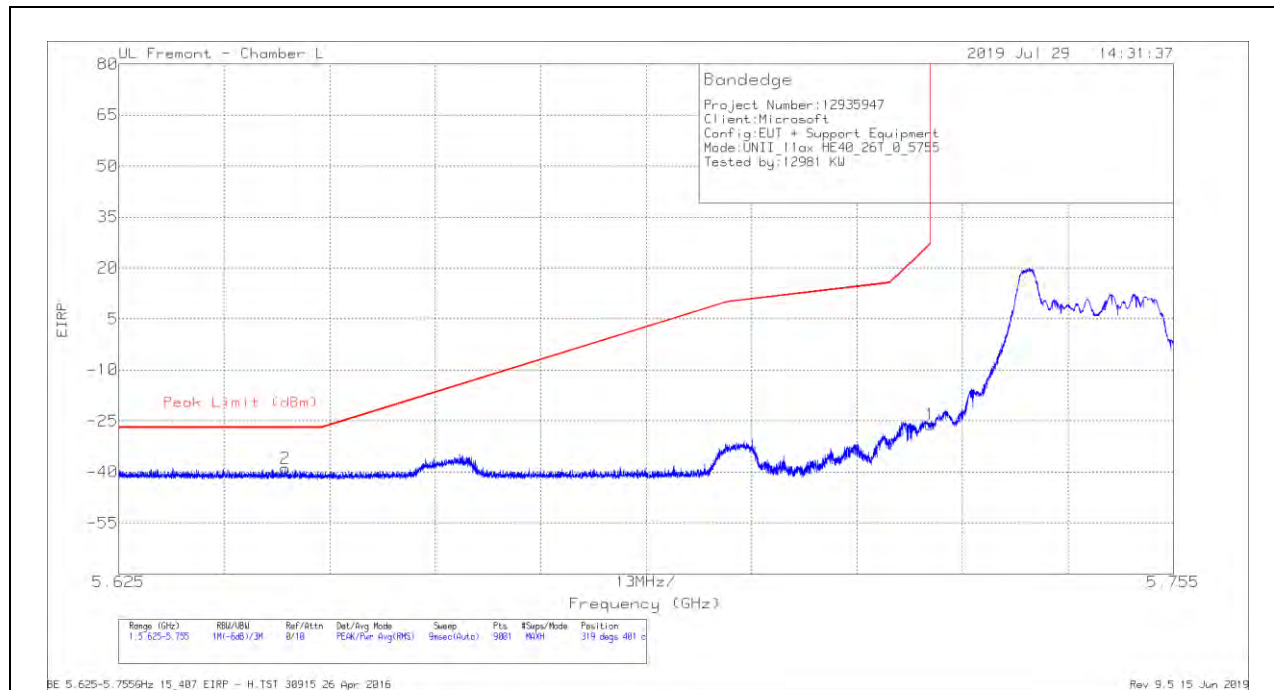
Marker	Frequency (GHz)	Meter Reading (dBm)	Det	AF T120 (dB/m)	Amp/Cbl/Filtr/Pad (dB)	Conversion Factor (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.85002	-59.68	Pk	35	-17	11.8	-29.88	26.95	-56.83	234	219	V
2	5.94824	-68.1	Pk	35.2	-16.5	11.8	-37.6	-27	-10.6	234	219	V

Pk - Peak detector

2TX Chain 0 + Chain 1 OFDMA MODE – 26-Tones, RU Index 0

BANDEDGE (LOW CHANNEL)

HORIZONTAL RESULT

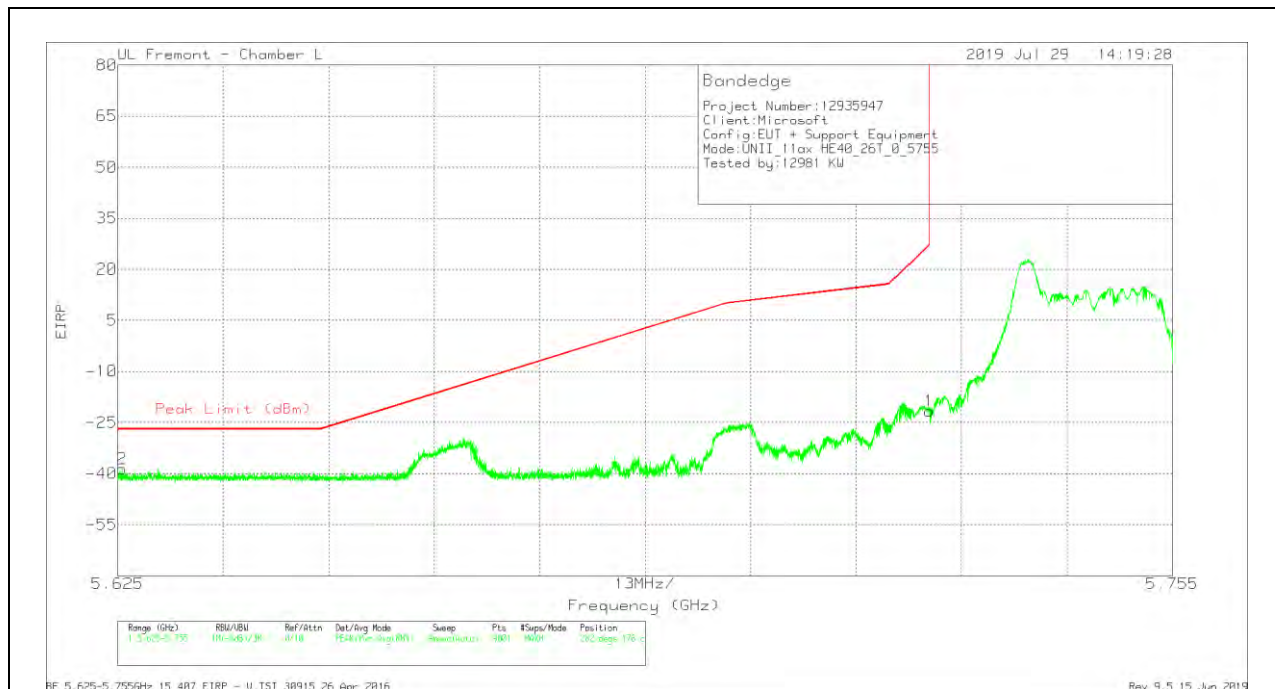


Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBm)	Det	AF T120 (dB/m)	Amp/Cbl/Filtr/Pad (dB)	Conversion Factor (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.725	-55.68	Pk	34.7	-16.8	11.8	-25.98	26.99	-52.97	319	401	H
2	5.64553	-68.72	Pk	34.7	-16.7	11.8	-38.92	-27	-11.92	319	401	H

Pk - Peak detector

VERTICAL RESULT



Trace Markers

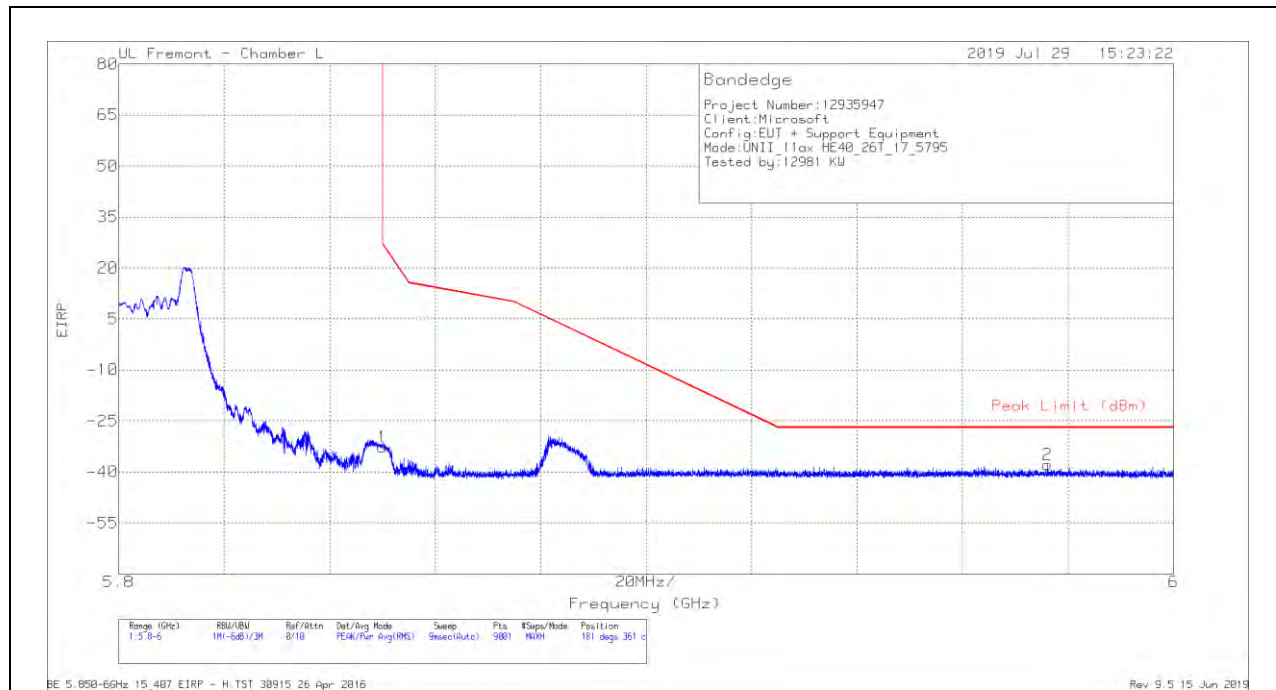
Marker	Frequency (GHz)	Meter Reading (dBm)	Det	AF T120 (dB/m)	Amp/Cbl/Filtr/Pad (dB)	Conversion Factor (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.725	-51.3	Pk	34.7	-16.8	11.8	-21.6	26.99	-48.59	282	176	V
2	5.62553	-68.22	Pk	34.7	-16.8	11.8	-38.52	-27	-11.52	282	176	V

Pk - Peak detector

2TX Chain 0 + Chain 1 OFDMA MODE – 26-Tones, RU Index 17

BANDEDGE (HIGH CHANNEL)

HORIZONTAL RESULT

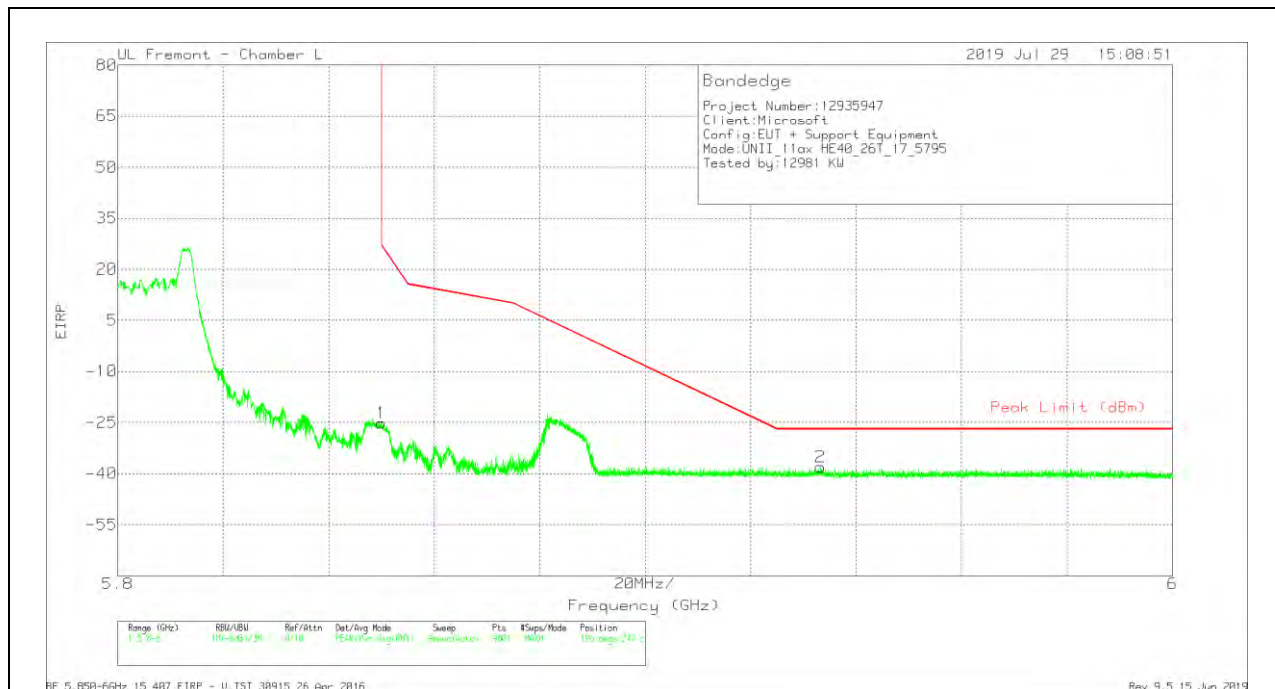


Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBm)	Det	AF T120 (dB/m)	Amp/Cbl/Filtr/Pad (dB)	Conversion Factor (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.85002	-62.57	Pk	35	-17	11.8	-32.77	26.95	-59.72	181	361	H
2	5.97615	-68.57	Pk	35.2	-16.3	11.8	-37.87	-27	-10.87	181	361	H

Pk - Peak detector

VERTICAL RESULT



Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBm)	Det	AF T120 (dB/m)	Amp/Cbl/Filtr/Pad (dB)	Conversion Factor (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.85002	-54.91	Pk	35	-17	11.8	-25.11	26.95	-52.06	196	247	V
2	5.93327	-68.36	Pk	35.1	-16.6	11.8	-38.06	-27	-11.06	196	247	V

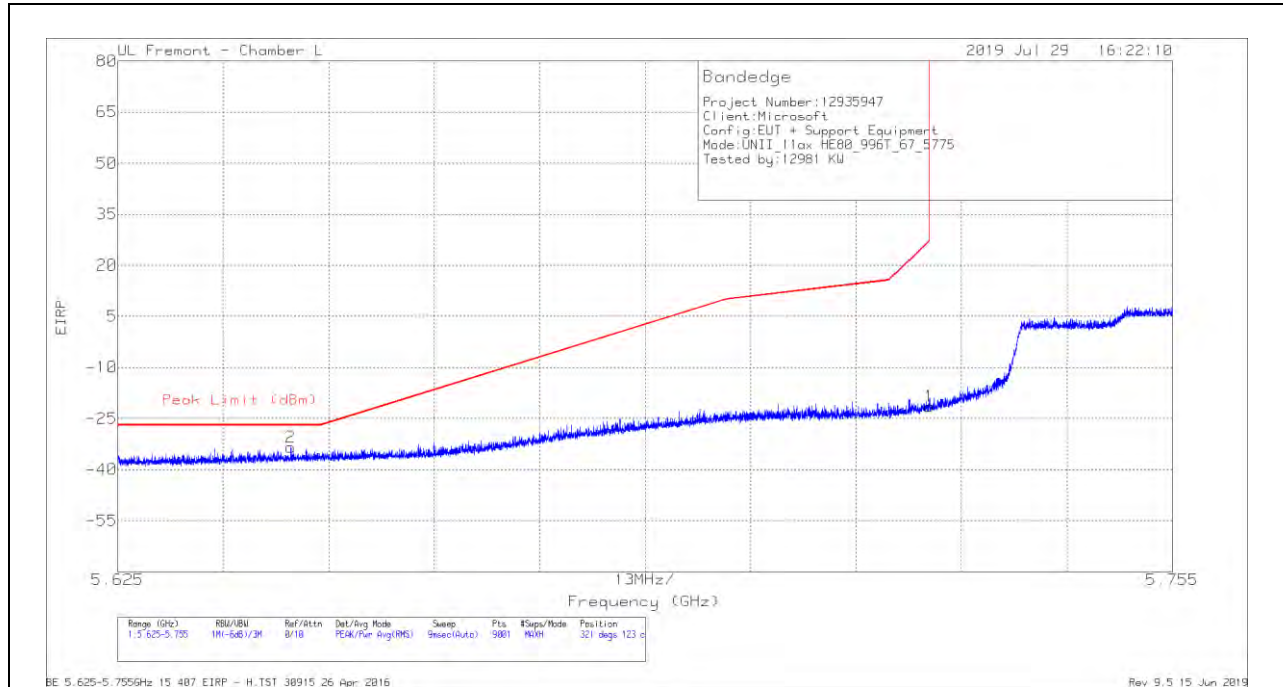
Pk - Peak detector

9.1.3. TX ABOVE 1 GHz 802.11ax HE80 MODE IN THE 5.8 GHz BAND

2TX Chain 0 + Chain 1 OFDMA MODE – 996-Tones, RU Index 67

BANDEDGE (CHANNEL 155 LOW EDGE)

HORIZONTAL RESULT



Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBm)	Det	AF T120 (dB/m)	Amp/Cbl/Filtr/Pad (dB)	Conversion Factor (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.725	-51.18	Pk	34.7	-16.8	11.8	-21.48	26.99	-48.47	321	123	H
2	5.64632	-63.31	Pk	34.7	-16.7	11.8	-33.51	-27	-6.51	321	123	H

Pk - Peak detector