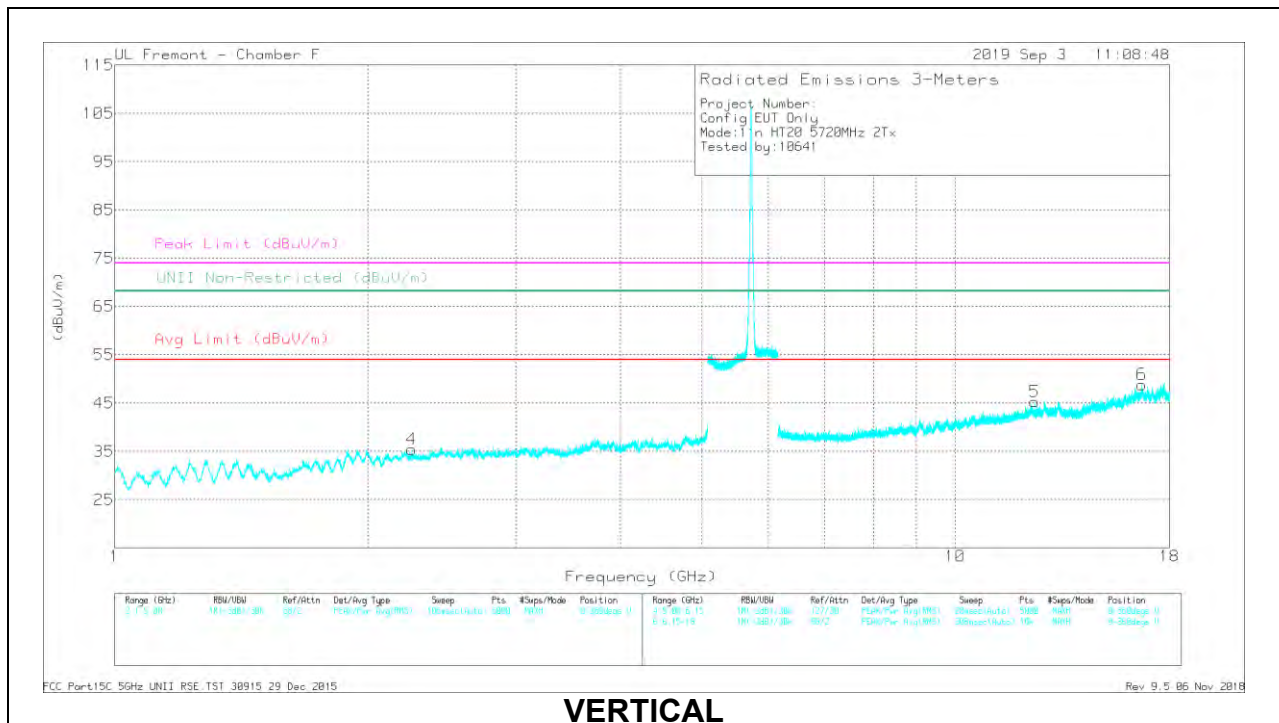
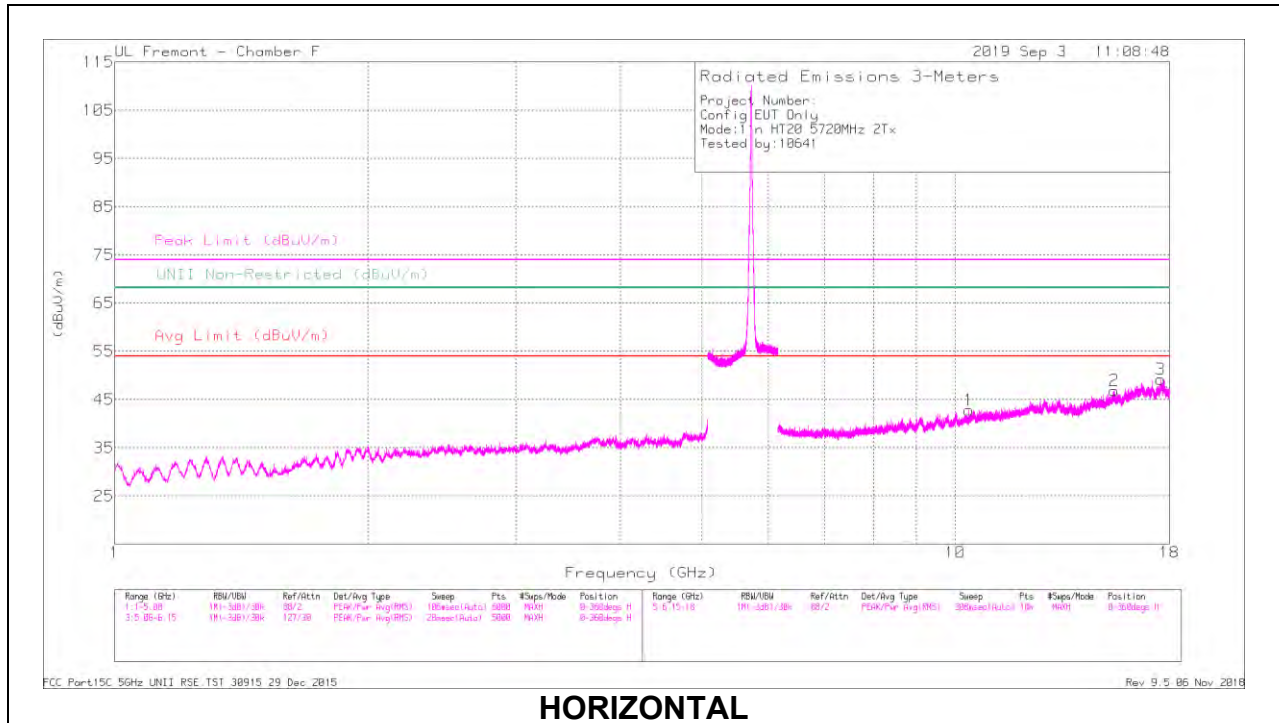


CHANNEL 144 RESULTS



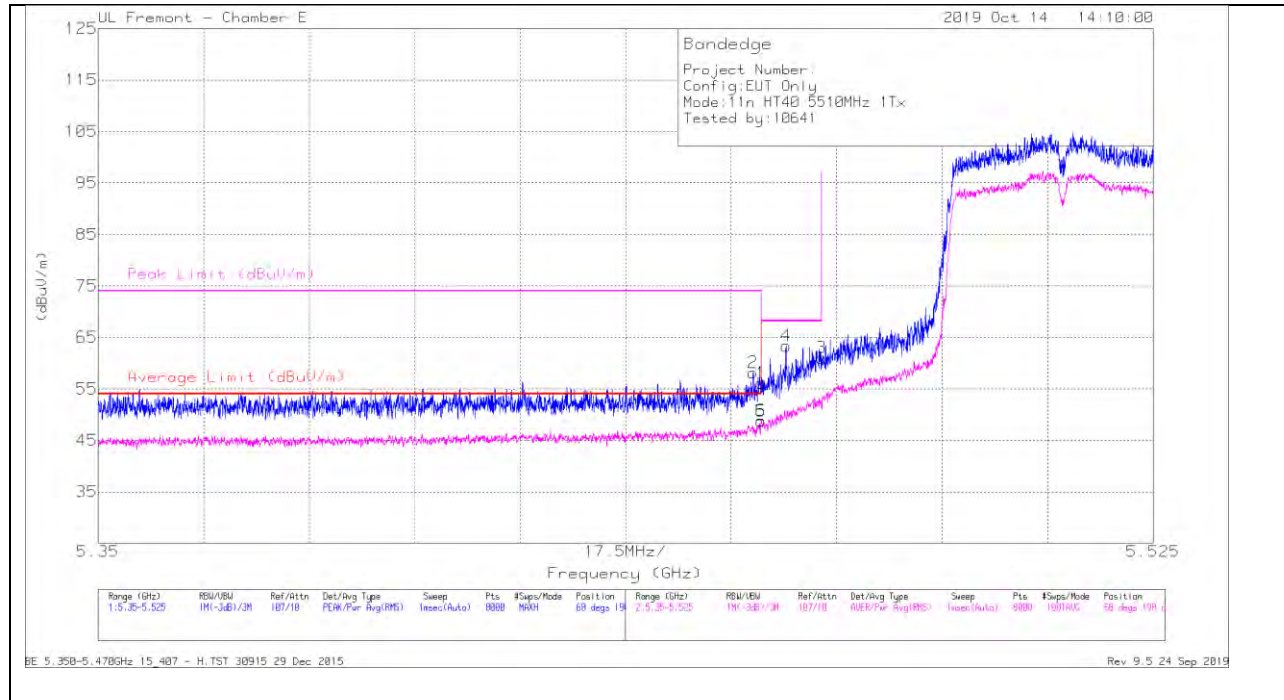
RADIATED EMISSIONS

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T345 (dB/m)	Amp/Cbl/Filtr/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
4	* 2.258	55.87	PK-U	31.7	-45.7	41.87	-	-	74	-32.13	-	-	314	356	V
	* 2.255	44.37	ADR	31.7	-45.7	30.37	54	-23.63	-	-	-	-	314	356	V
2	* 15.486	51.38	PK-U	40.4	-38.5	53.28	-	-	74	-20.72	-	-	297	379	H
	* 15.485	40.29	ADR	40.4	-38.5	42.19	54	-11.81	-	-	-	-	297	379	H
1	10.381	50.71	PK-U	37.5	-39.3	48.91	-	-	-	-	68.2	-19.29	332	321	H
3	17.565	50.48	PK-U	41.5	-36.4	55.58	-	-	-	-	68.2	-12.62	302	297	H
5	* 12.451	50.85	PK-U	39.1	-39.3	50.65	-	-	74	-23.35	-	-	319	357	V
	* 12.448	39.48	ADR	39.2	-39.3	39.38	54	-14.62	-	-	-	-	319	357	V
6	16.69	50.32	PK-U	41.8	-37.1	55.02	-	-	-	-	68.2	-13.18	327	279	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

1.1.14. TX ABOVE 1 GHz 802.11n HT40 MODE IN THE 5.6 GHz BAND**1TX LAT3****BANDEDGE (LOW CHANNEL)****HORIZONTAL RESULT**

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T119 (dB/m)	Amp/Cb I/Ftr/Pa d (dB)	DC Corr (dB)	Correct ed Reading (dBuV/ m)	Average Limit (dBuV/ m)	Margin (dB)	Peak Limit (dBuV/ m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 5.45998	42.85	Pk	34.6	-21.3	0	56.15	-	-	74	-17.85	68	198	H
2	* 5.45865	44.86	Pk	34.6	-21.3	0	58.16	-	-	74	-15.84	68	198	H
5	* 5.45998	35.34	RMS	34.6	-21.3	0.09	48.73	54	-5.27	-	-	68	198	H
6	* 5.45996	35.42	RMS	34.6	-21.3	0.09	48.81	54	-5.19	-	-	68	198	H
4	5.46409	50.26	Pk	34.5	-21.4	0	63.36	-	-	68.2	-4.84	68	198	H
3	5.46998	47.74	Pk	34.6	-21.3	0	61.04	-	-	68.2	-7.16	68	198	H

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

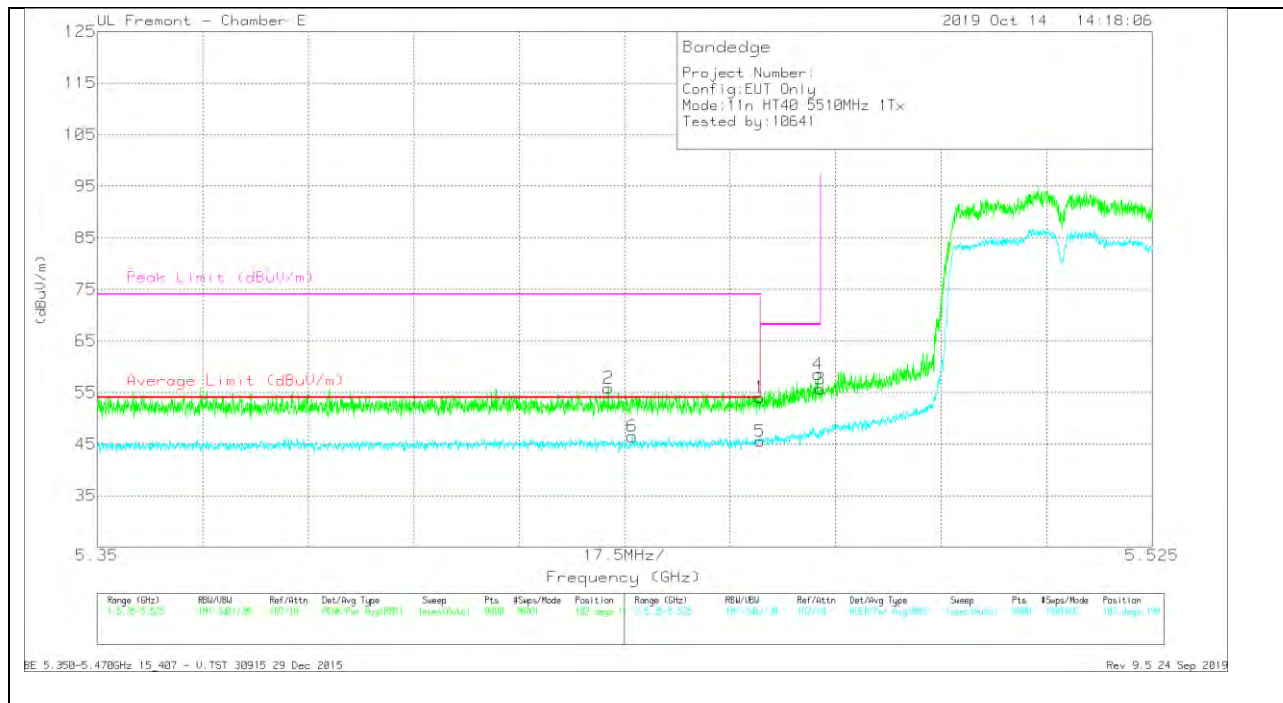
PK - Peak detector

RMS - RMS detection

BE 5.350-5.470GHz 15_407 - H.TST 30915 29 Dec 2015

Rev 9.5 24 Sep 2019

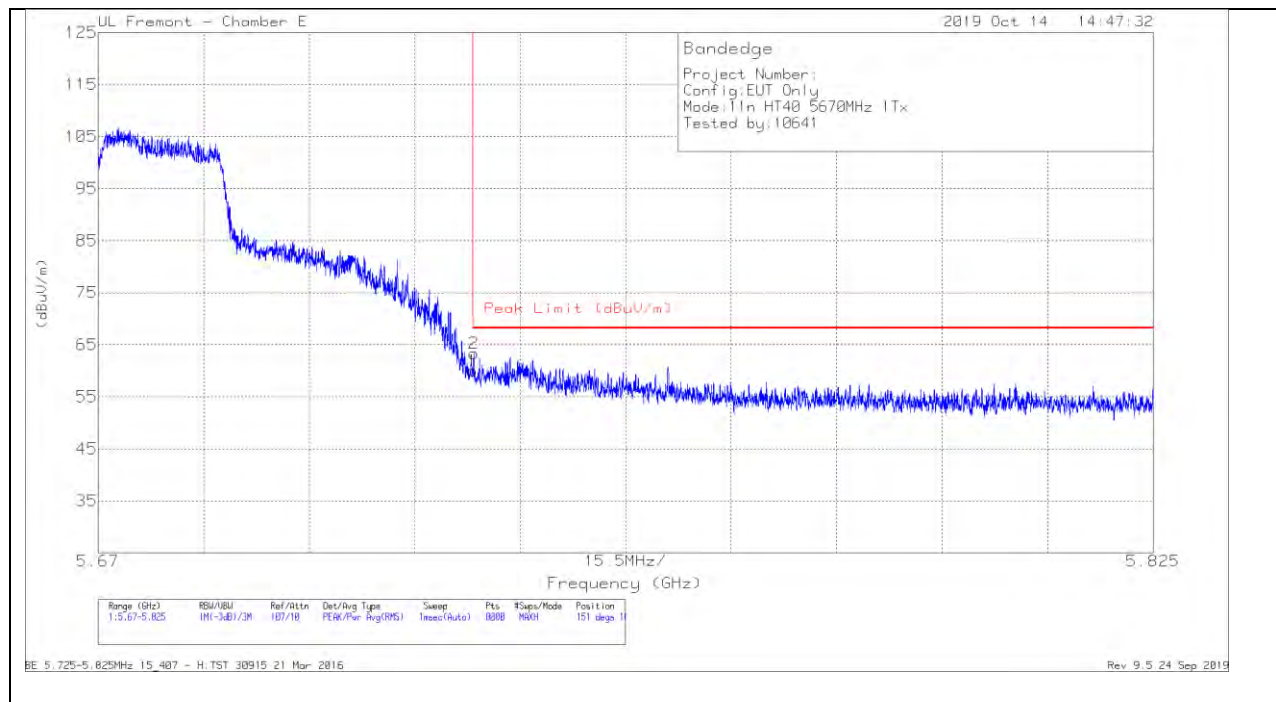
VERTICAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T119 (dB/m)	Amp/Cb I/Fitr/Pa d (dB)	DC Corr (dB)	Correct ed Reading (dBuV/ m)	Average Limit (dBuV/ m)	Margin (dB)	Peak Limit (dBuV/ m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 5.45998	40.74	Pk	34.6	-21.3	0	54.04	-	-	74	-19.96	102	198	V
2	* 5.4348	42.65	Pk	34.5	-21.3	0	55.85	-	-	74	-18.15	102	198	V
5	* 5.45998	32.14	RMS	34.6	-21.3	0.09	45.53	54	-8.47	-	-	102	198	V
6	* 5.43876	33.21	RMS	34.5	-21.3	0.09	46.5	54	-7.5	-	-	102	198	V
4	5.46952	45.23	Pk	34.6	-21.3	0	58.53	-	-	68.2	-9.67	102	198	V
3	5.46998	42.38	Pk	34.6	-21.3	0	55.68	-	-	68.2	-12.52	102	198	V

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

BE 5.350-5.470GHz 15_407 - V.TST 30915 29 Dec 2015
Rev 9.5 24 Sep 2019

BANDEDGE (HIGH CHANNEL)**HORIZONTAL RESULT**

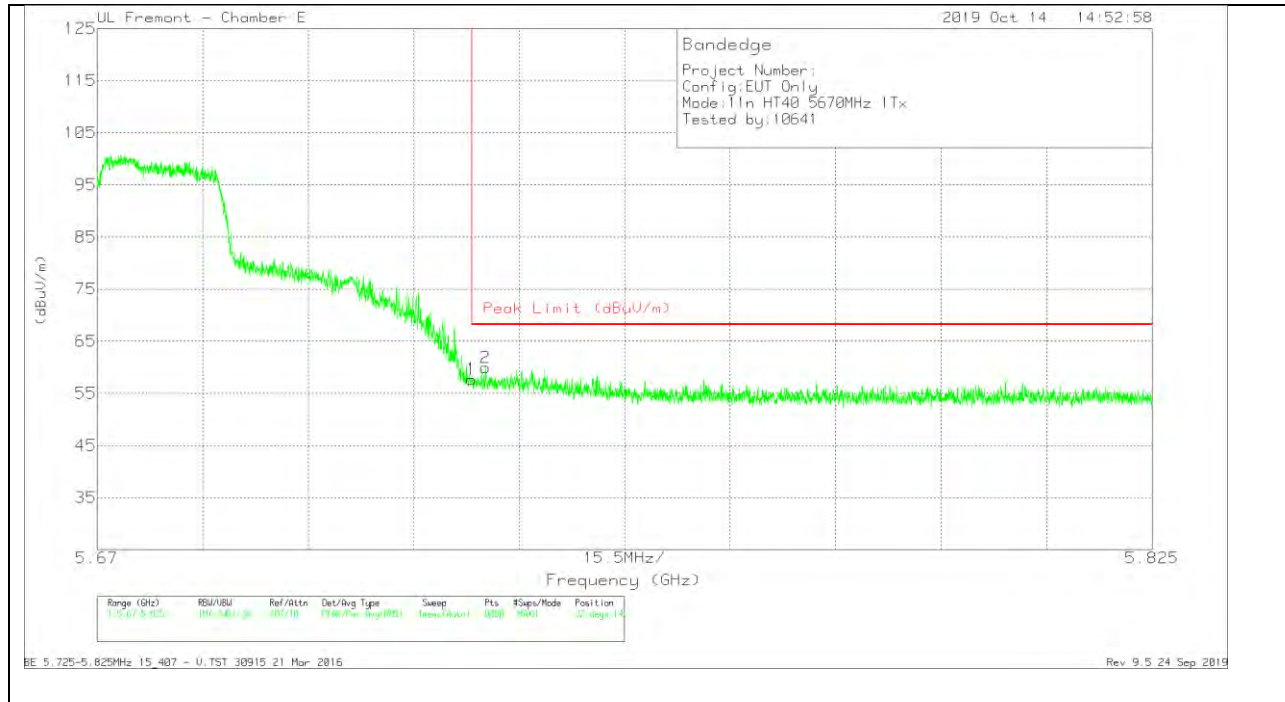
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T119 (dB/m)	Amp/Cbl/Filtr/Pad (dB)	Corrected Reading (dBuV/m)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.72501	46.04	Pk	34.8	-20.9	59.94	68.2	-8.26	151	188	H
2	5.72519	49.45	Pk	34.8	-20.9	63.35	68.2	-4.85	151	188	H

Pk - Peak detector

BE 5.725-5.825MHz 15_407 - H.TST 30915 21 Mar 2016

Rev 9.5 24 Sep 2019

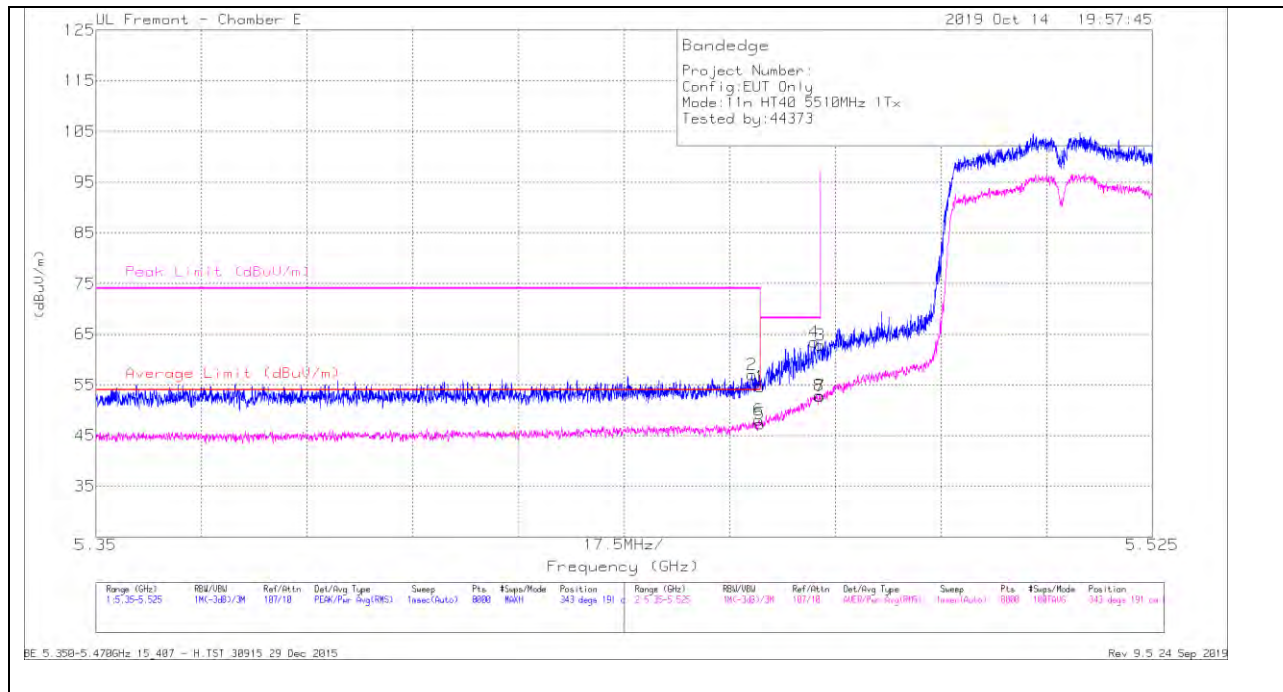
VERTICAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T119 (dB/m)	Amp/Cbl/Fitr/Pad (dB)	Corrected Reading (dBuV/m)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.72501	43.81	Pk	34.8	-20.9	57.71	68.2	-10.49	22	142	V
2	5.72707	46.05	Pk	34.8	-20.9	59.95	68.2	-8.25	22	142	V

Pk - Peak detector

BE 5.725-5.825MHz 15_407 - V.TST 30915 21 Mar 2016
Rev 9.5 24 Sep 2019

1TX UAT2**BANDEDGE (LOW CHANNEL)****HORIZONTAL RESULT**

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T119 (dB/m)	Amp/Cbl/Fitr/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	* 5.45998	41.28	Pk	34.6	-21.3	0	54.58	-	-	74	-19.42	343	191	H
2	* 5.45865	43.72	Pk	34.6	-21.3	0	57.02	-	-	74	-16.98	343	191	H
5	* 5.45998	34.04	RMS	34.6	-21.3	-0.09	47.43	54	-6.57	-	-	343	191	H
6	* 5.45985	34.72	RMS	34.6	-21.3	-0.09	48.11	54	-5.89	-	-	343	191	H
4	5.46895	50.2	Pk	34.6	-21.3	0	63.5	-	-	68.2	-4.7	343	191	H
8	5.4698	39.54	RMS	34.6	-21.3	-0.09	52.84	-	-	-	-	343	191	H
3	5.46998	49.53	Pk	34.6	-21.3	0	62.83	-	-	68.2	-5.37	343	191	H
7	5.46998	39.5	RMS	34.6	-21.3	-0.09	52.8	-	-	-	-	343	191	H

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

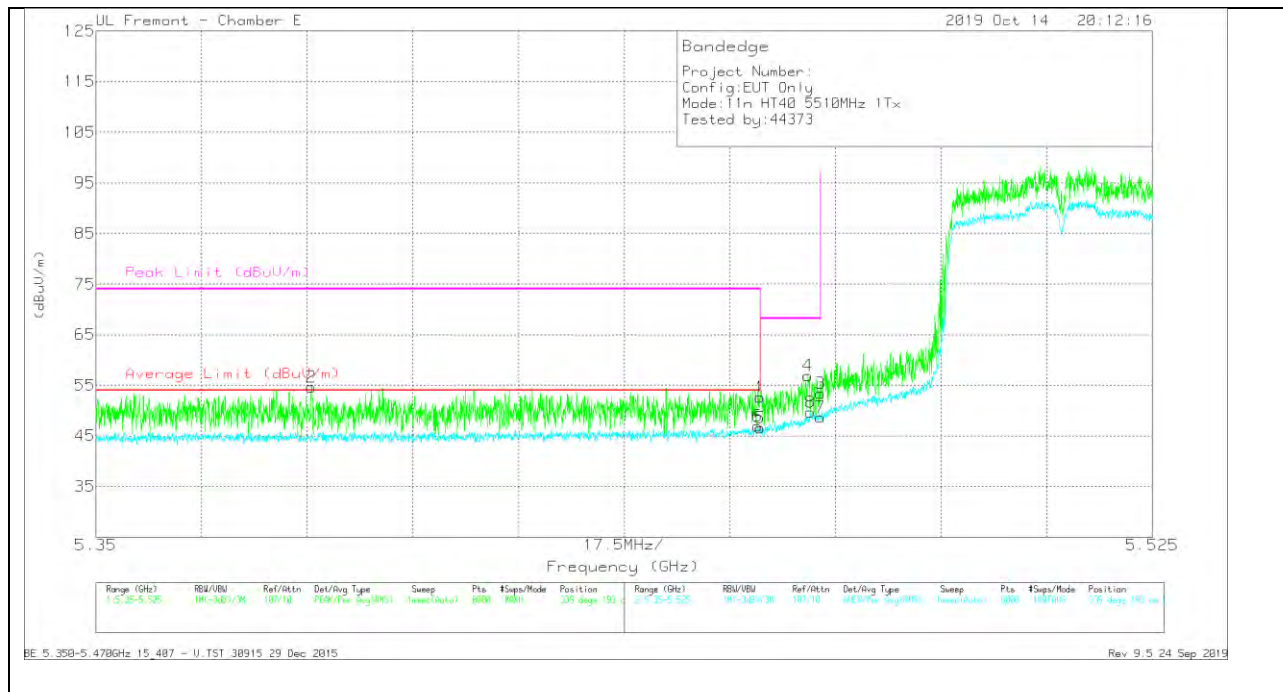
Pk - Peak detector

RMS - RMS detection

BE 5.350-5.470GHz 15_407 - H.TST 30915 29 Dec 2015

Rev 9.5 24 Sep 2019

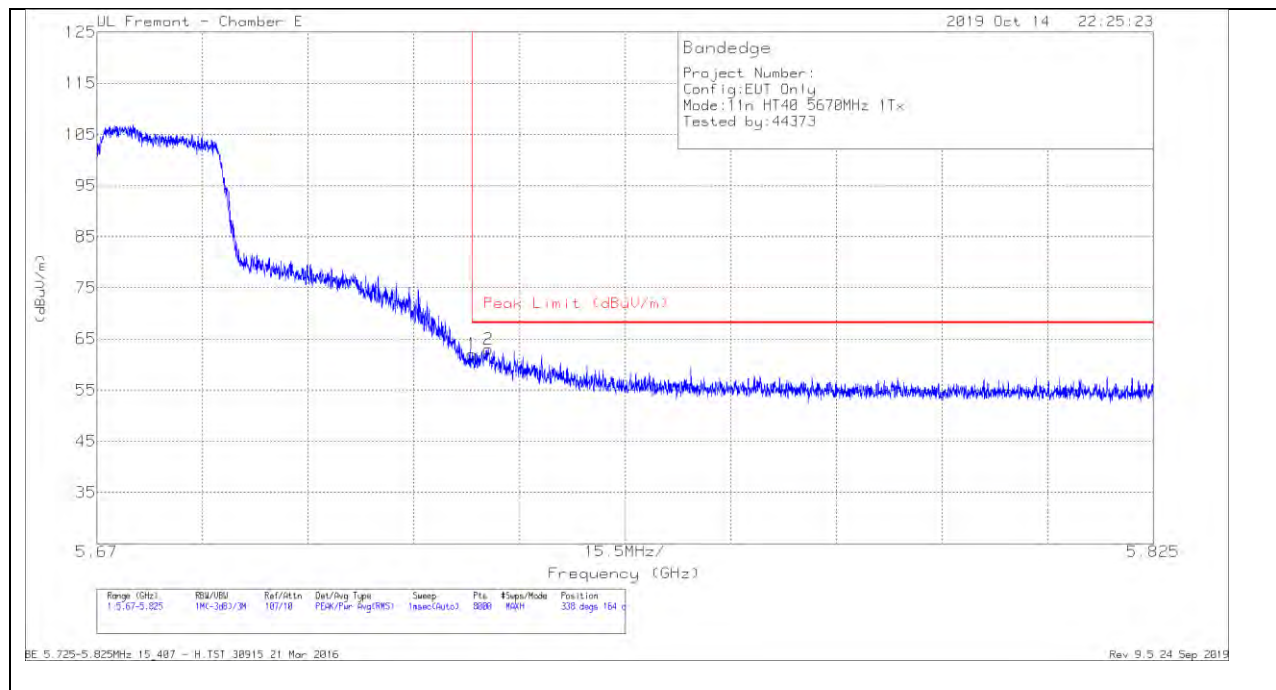
VERTICAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T119 (dB/m)	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	* 5.45998	39.31	Pk	34.6	-21.3	0	52.61	-	-	74	-21.39	339	193	V
2	* 5.38573	41.54	Pk	34.5	-21.4	0	54.64	-	-	74	-19.36	339	193	V
5	* 5.45998	33.26	RMS	34.6	-21.3	0.09	46.65	54	-7.35	-	-	339	193	V
6	* 5.45959	33.68	RMS	34.6	-21.3	0.09	47.07	54	-6.93	-	-	339	193	V
4	5.46794	43.63	Pk	34.6	-21.3	0	56.93	-	-	68.2	-11.27	339	193	V
8	5.46832	36.42	RMS	34.6	-21.3	0.09	49.72	-	-	-	-	339	193	V
3	5.46998	40.05	Pk	34.6	-21.3	0	53.35	-	-	68.2	-14.85	339	193	V
7	5.46998	35.35	RMS	34.6	-21.3	0.09	48.65	-	-	-	-	339	193	V

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

BE 5.350-5.470GHz 15_407 - V.TST 30915 29 Dec 2015
Rev 9.5 24 Sep 2019

BANDEDGE (HIGH CHANNEL)**HORIZONTAL RESULT**

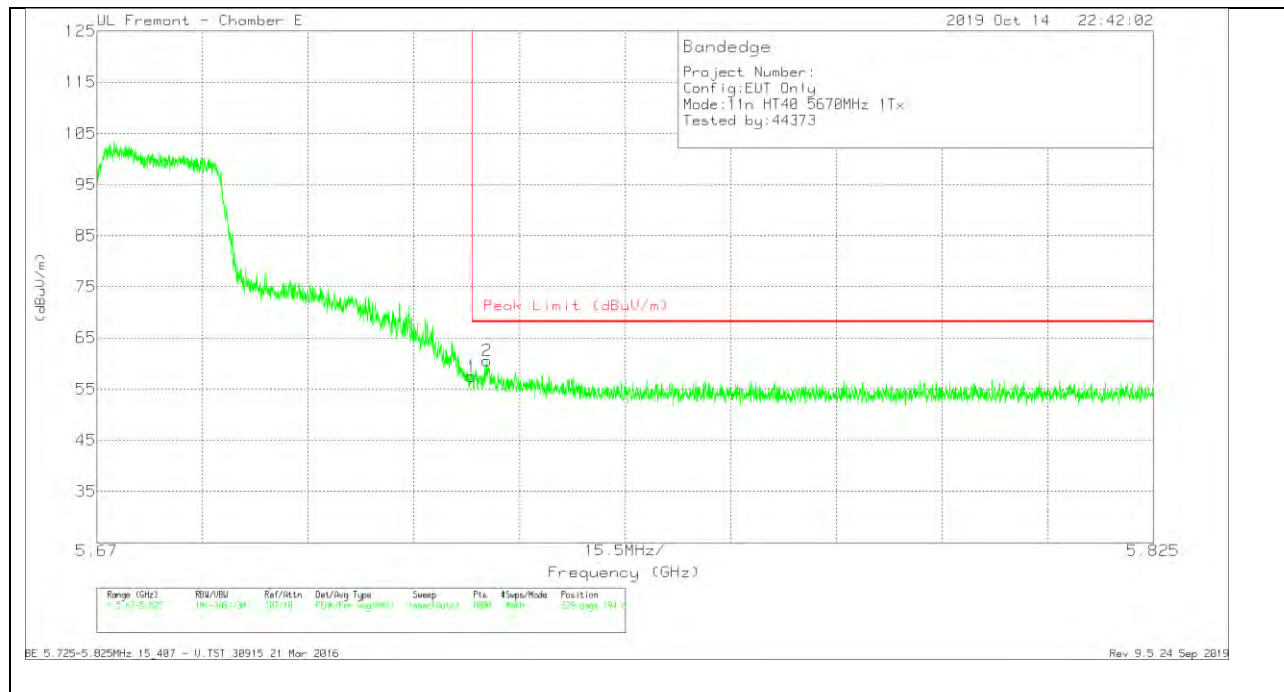
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T119 (dB/m)	Amp/Cbl/Filtr/Pad (dB)	Corrected Reading (dBuV/m)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degr)	Height (cm)	Polarity
1	5.72501	48.15	Pk	34.8	-20.9	62.05	68.2	-6.15	338	164	H
2	5.72743	49.16	Pk	34.8	-20.9	63.06	68.2	-5.14	338	164	H

Pk - Peak detector

BE 5.725-5.825MHz 15_407 - H.TST 30915 21 Mar 2016

Rev 9.5 24 Sep 2019

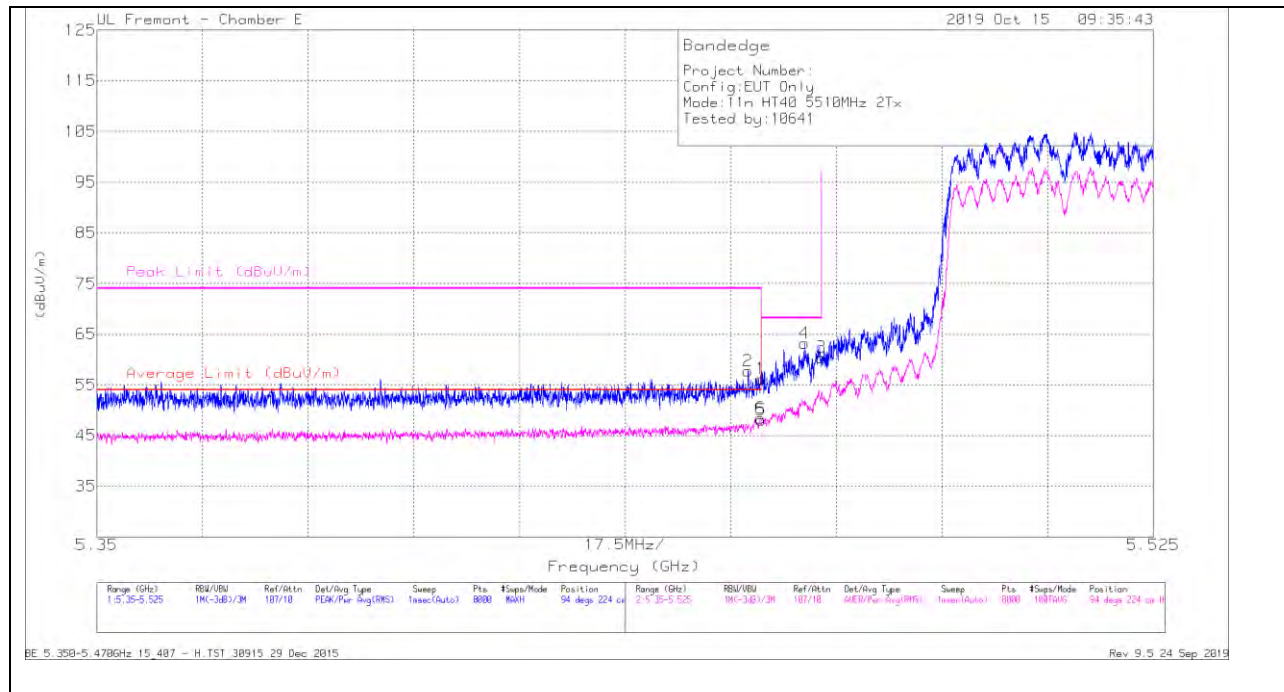
VERTICAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T119 (dB/m)	Amp/Cbl/Fitr/Pad (dB)	Corrected Reading (dBuV/m)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.72501	43.63	Pk	34.8	-20.9	57.53	68.2	-10.67	329	194	V
2	5.72724	46.69	Pk	34.8	-20.9	60.59	68.2	-7.61	329	194	V

Pk - Peak detector

BE 5.725-5.825MHz 15_407 - V.TST 30915 21 Mar 2016
Rev 9.5 24 Sep 2019

2TX LAT3 + UAT2 CDD MODE**BANDEDGE (LOW CHANNEL)****HORIZONTAL RESULT**

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T119 (dB/m)	Amp/Cb I/Ftr/Pa d (dB)	DC Corr (dB)	Correct ed Reading (dBuV/ m)	Average Limit (dBuV/ m)	Margin (dB)	Peak Limit (dBuV/ m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 5.45998	42.89	Pk	34.6	-21.3	0	56.19	-	-	74	-17.81	94	224	H
2	* 5.45788	44.45	Pk	34.6	-21.3	0	57.75	-	-	74	-16.25	94	224	H
5	* 5.45998	34.67	RMS	34.6	-21.3	0.09	48.06	54	-5.94	-	-	94	224	H
6	* 5.45994	35.09	RMS	34.6	-21.3	0.09	48.48	54	-5.52	-	-	94	224	H
4	5.4672	49.97	Pk	34.5	-21.3	0	63.17	-	-	68.2	-5.03	94	224	H
3	5.46998	47.11	Pk	34.6	-21.3	0	60.41	-	-	68.2	-7.79	94	224	H

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

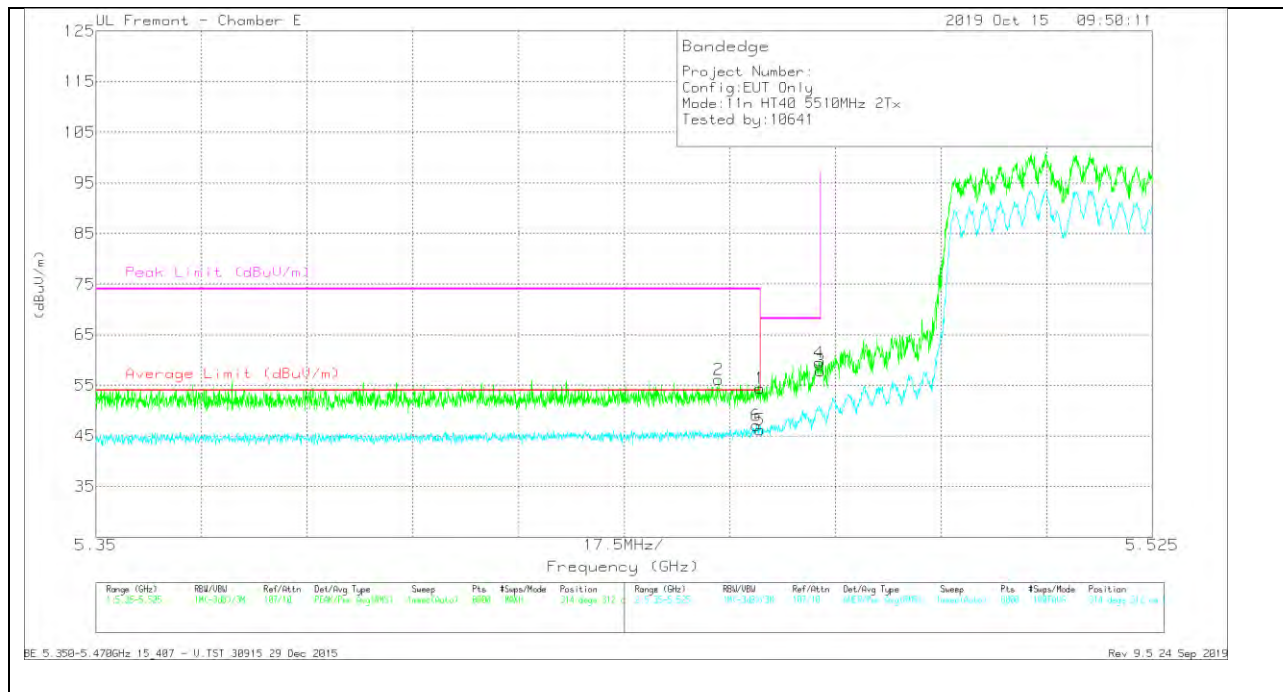
Pk - Peak detector

RMS - RMS detection

BE 5.350-5.470GHz 15_407 - H.TST 30915 29 Dec 2015

Rev 9.5 24 Sep 2019

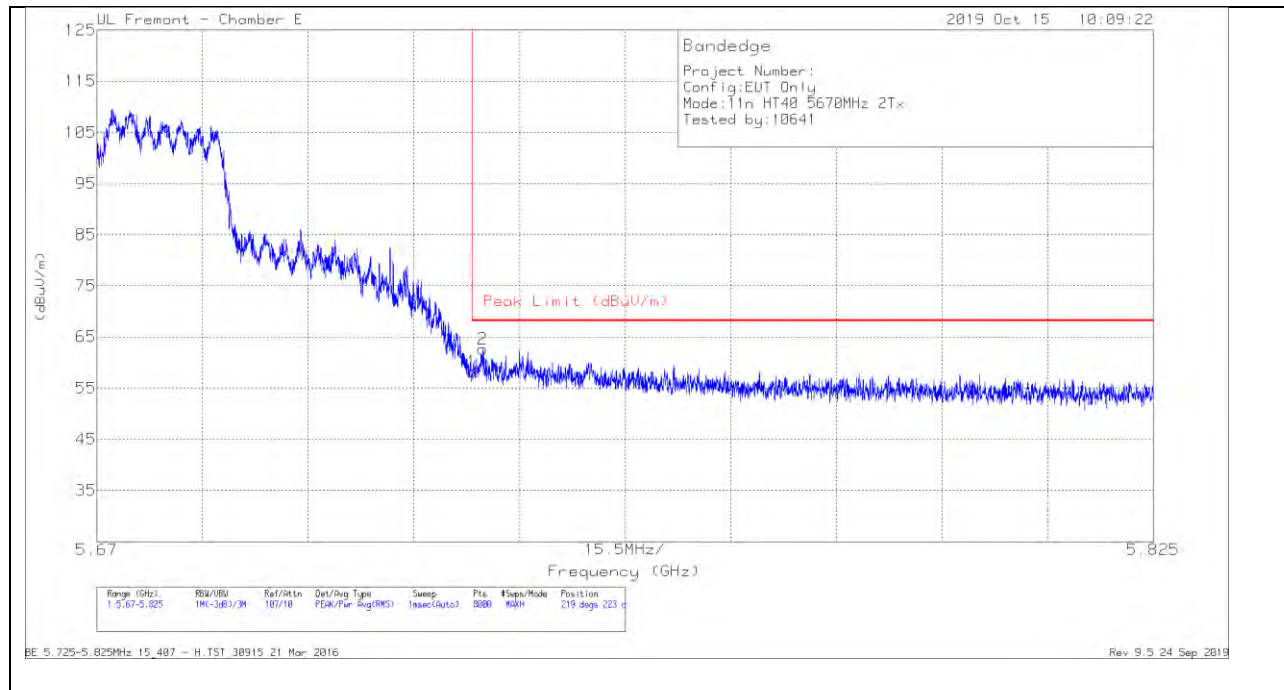
VERTICAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T119 (dB/m)	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	* 5.45998	41.14	Pk	34.6	-21.3	0	54.44	-	-	74	-19.56	314	312	V
2	* 5.45315	42.8	Pk	34.6	-21.3	0	56.1	-	-	74	-17.9	314	312	V
5	* 5.45998	32.88	RMS	34.6	-21.3	0.09	46.27	54	-7.73	-	-	314	312	V
6	* 5.45943	33.74	RMS	34.6	-21.3	0.09	47.13	54	-6.87	-	-	314	312	V
4	5.46976	46.18	Pk	34.6	-21.3	0	59.48	-	-	68.2	-8.72	314	312	V
3	5.46998	44.58	Pk	34.6	-21.3	0	57.88	-	-	68.2	-10.32	314	312	V

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

BE 5.350-5.470GHz 15_407 - V.TST 30915 29 Dec 2015
Rev 9.5 24 Sep 2019

BANDEDGE (HIGH CHANNEL)**HORIZONTAL RESULT**

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T119 (dB/m)	Amp/Cbl/Fitr/Pad (dB)	Corrected Reading (dBuV/m)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degr)	Height (cm)	Polarity
1	5.72501	44.27	Pk	34.8	-20.9	58.17	68.2	-10.03	219	223	H
2	5.72658	48.8	Pk	34.7	-20.9	62.6	68.2	-5.6	219	223	H

Pk - Peak detector

BE 5.725-5.825MHz 15_407 - H.TST 30915 21 Mar 2016

Rev 9.5 24 Sep 2019

UL Fremont - Chamber E

2019 Oct 15 10:15:47

Bandedge

Project Number:

Config: EUT Only

Mode: 11n HT40 5670MHz 2Tx

Tested by: 10641

(dBuV/m)

Peak Limit (dBuV/m)

20

Frequency (GHz)

5.67 15.5MHz/ 5.825

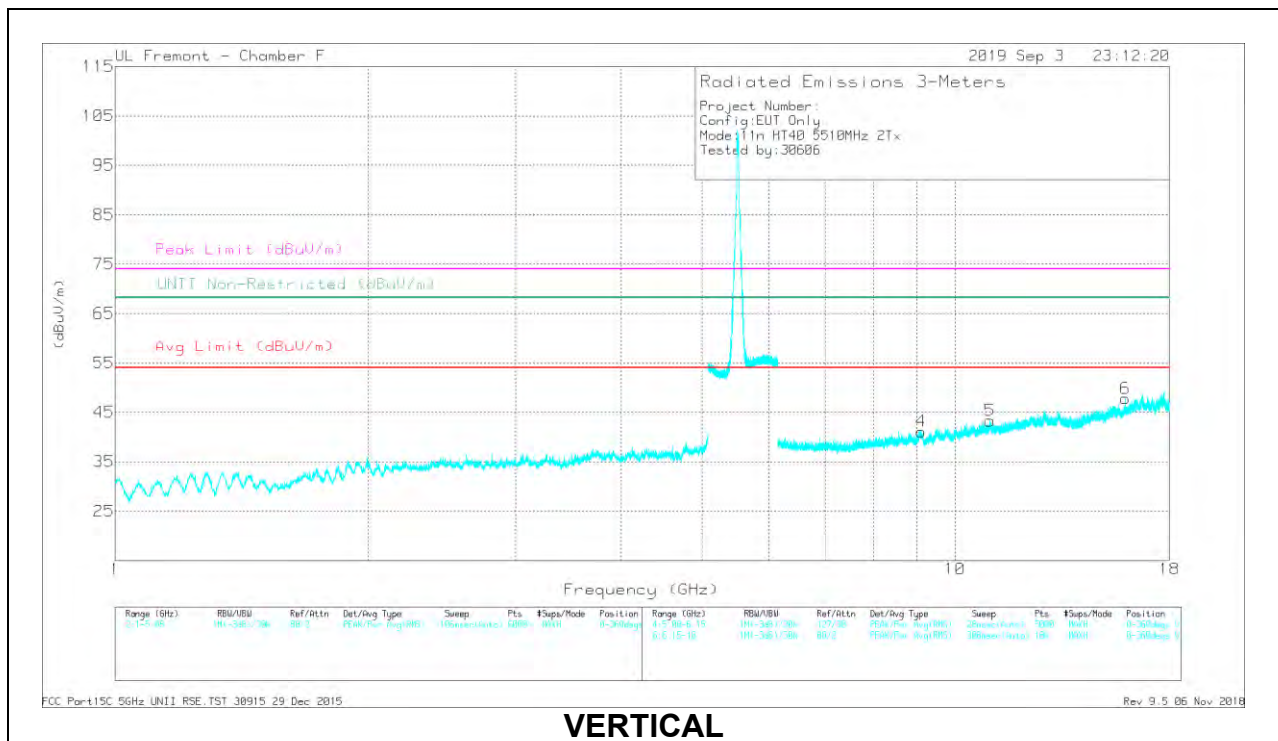
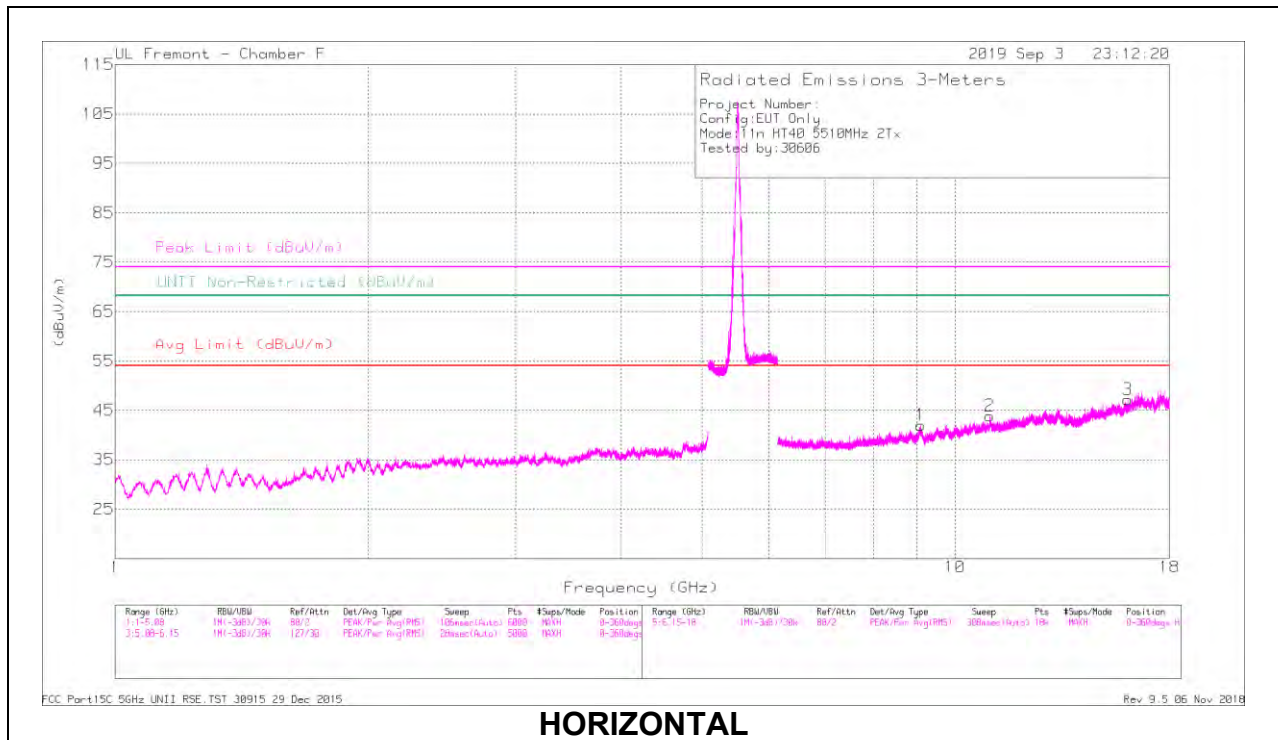
Range (GHz)	RBW/VBW	Ref/AltIn	Det/Avg Type	Sweep	Pts	#Seps/Mode	Position
5.67-5.825	1MHz/300/3M	10/10	PK/PPR Avg(MM)	Inspect(OUT)	2000	Auto	+50; page 147

BE 5.725-5.825MHz 15.487 - U.TS1 38915 21 Mar 2016

Rev 9.5 24 Sep 2019

Marker	Frequency (GHz)	Meter Reading (dBUV)	Det	AFT119 (dB/m)	Amp/Cbl/Filtr/Pad (dB)	Corrected Reading (dBUV/m)	Peak Limit (dBUV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.72501	41.69	Pk	34.8	-20.9	55.59	68.2	-12.61	155	147	V
2	5.72718	45.77	Pk	34.8	-20.9	59.67	68.2	-8.53	155	147	V

BE 5.725-5.825MHz 15_407 - V.TST 30915 21 Mar 2016
Rev 9.5 24 Sep 2019

HARMONICS AND SPURIOUS EMISSIONS**LOW CHANNEL RESULTS**

RADIATED EMISSIONS

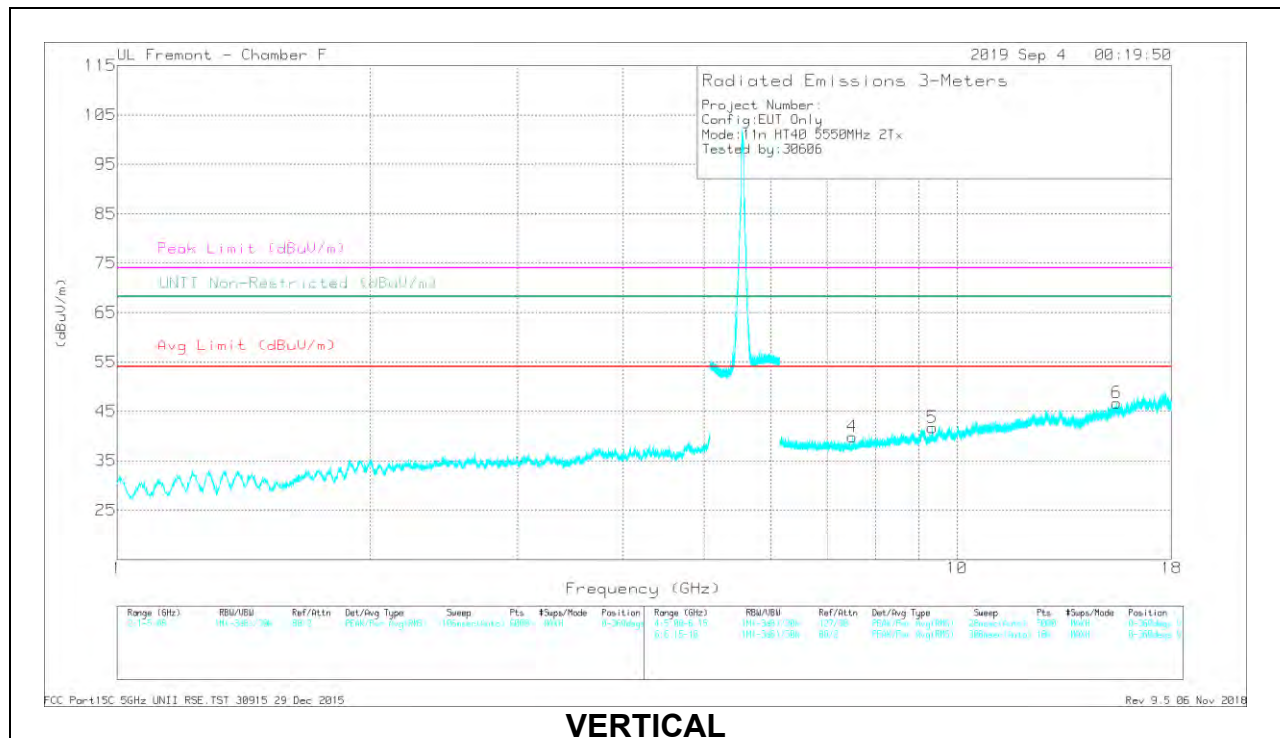
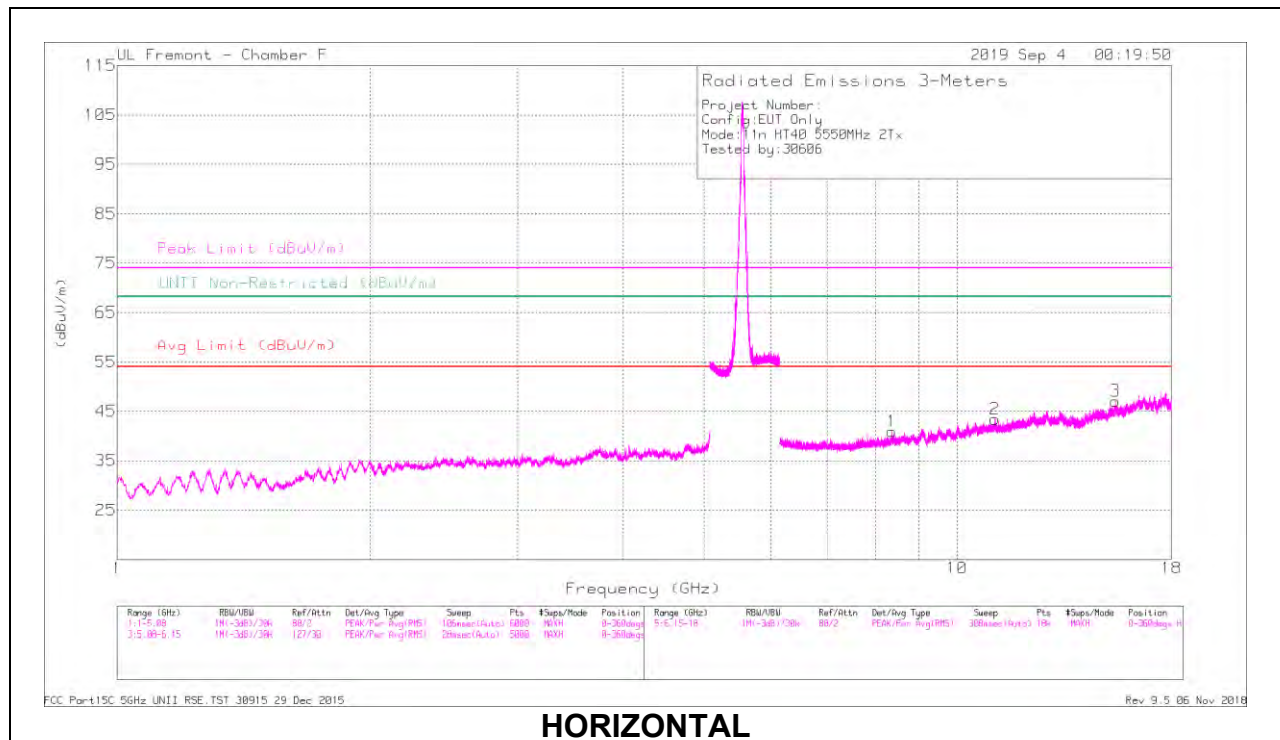
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T345 (dB/m)	Amp/Cbl/Filtr/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarization
1	* 9.096	50.48	PK-U	36.3	-38.6	0	48.18	-	-	74	-25.82	-	-	29	125	H
	* 9.097	39.11	ADR	36.3	-38.7	0.09	36.8	54	-17.2	-	-	-	-	29	125	H
2	* 11.006	51.51	PK-U	37.9	-38.6	0	50.81	-	-	74	-23.19	-	-	0	123	H
	* 11.006	39.55	ADR	37.9	-38.6	0.09	38.94	54	-15.06	-	-	-	-	0	123	H
3	* 16.055	50.71	PK-U	40.8	-38.8	0	52.71	-	-	74	-21.29	-	-	59	168	H
	* 16.057	39.4	ADR	40.8	-38.8	0.09	41.49	54	-12.51	-	-	-	-	59	168	H
4	* 9.112	50.25	PK-U	36.4	-39	0	47.65	-	-	74	-26.35	-	-	188	400	V
	* 9.113	38.98	ADR	36.4	-39	0.09	36.47	54	-17.53	-	-	-	-	188	400	V
5	* 11.006	49.89	PK-U	37.9	-38.6	0	49.19	-	-	74	-24.81	-	-	40	311	V
	* 11.006	38.51	ADR	37.9	-38.6	0.09	37.9	54	-16.1	-	-	-	-	40	311	V
6	* 15.96	49.97	PK-U	40.5	-37.4	0	53.07	-	-	74	-20.93	-	-	243	328	V
	* 15.96	38.95	ADR	40.6	-37.4	0.09	42.24	54	-11.76	-	-	-	-	243	328	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

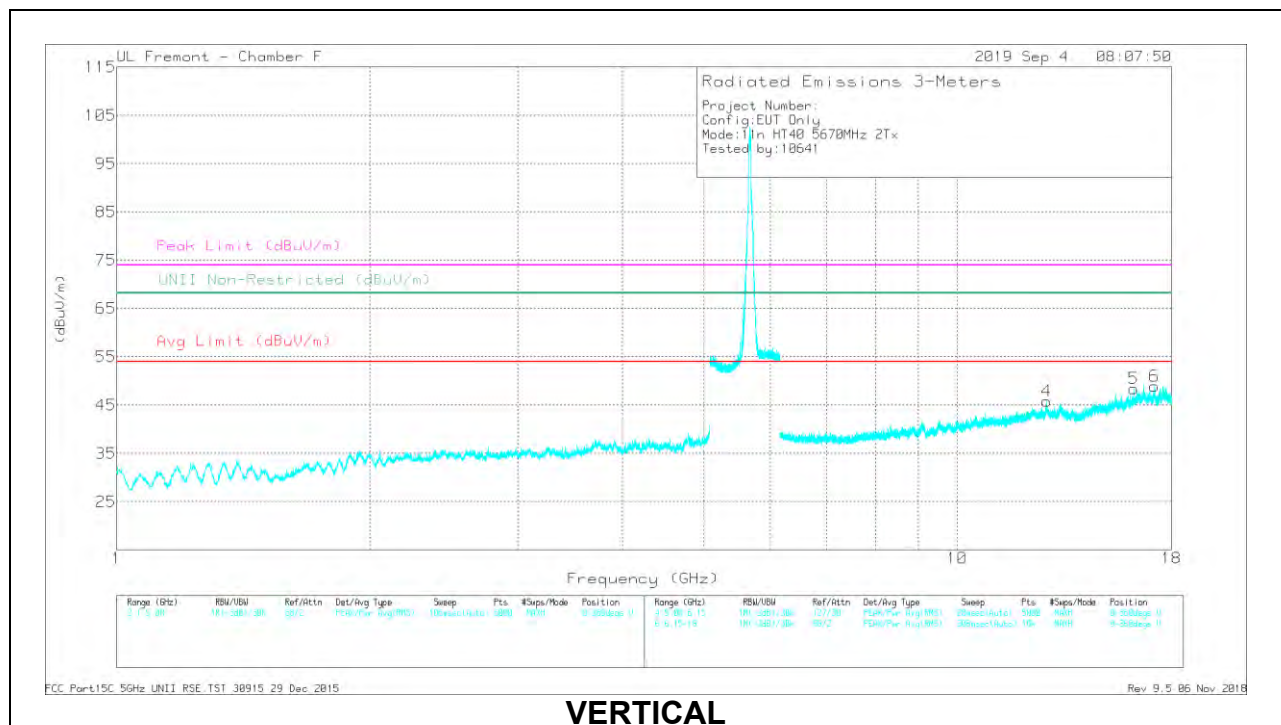
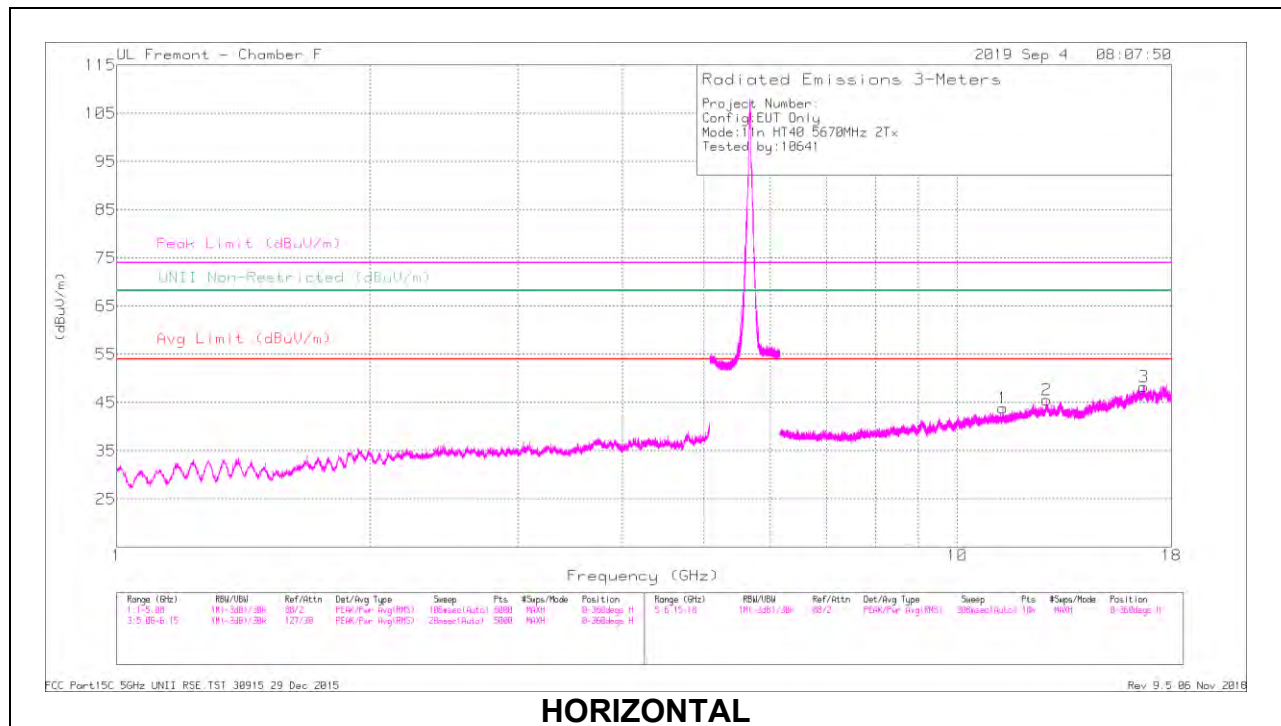
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T345 (dB/m)	Amp/Cbl/Filtr/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarization
1	* 8.37	51.24	PK-U	35.9	-39.3	0	47.84	-	-	74	-26.16	-	-	149	393	H
	* 8.37	38.86	ADR	35.9	-39.4	0.09	35.45	54	-18.55	-	-	-	-	149	393	H
2	* 11.093	50.62	PK-U	38	-38.8	0	49.82	-	-	74	-24.18	-	-	206	158	H
	* 11.096	39.22	ADR	38	-38.8	0.09	38.51	54	-15.49	-	-	-	-	206	158	H
3	* 15.442	51.57	PK-U	40.4	-37.5	0	54.47	-	-	74	-19.53	-	-	220	171	H
	* 15.442	39.97	ADR	40.4	-37.5	0.09	42.96	54	-11.04	-	-	-	-	220	171	H
4	* 7.502	50.65	PK-U	35.6	-40.7	0	45.55	-	-	74	-28.45	-	-	260	140	V
	* 7.502	39.49	ADR	35.6	-40.7	0.09	34.48	54	-19.52	-	-	-	-	260	140	V
5	* 9.346	50.75	PK-U	36.4	-39.9	0	47.25	-	-	74	-26.75	-	-	280	190	V
	* 9.347	39.62	ADR	36.4	-39.9	0.09	36.21	54	-17.79	-	-	-	-	280	190	V
6	* 15.491	50.87	PK-U	40.4	-38.5	0	52.77	-	-	74	-21.23	-	-	249	120	V
	* 15.491	40.15	ADR	40.4	-38.5	0.09	42.14	54	-11.86	-	-	-	-	249	120	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

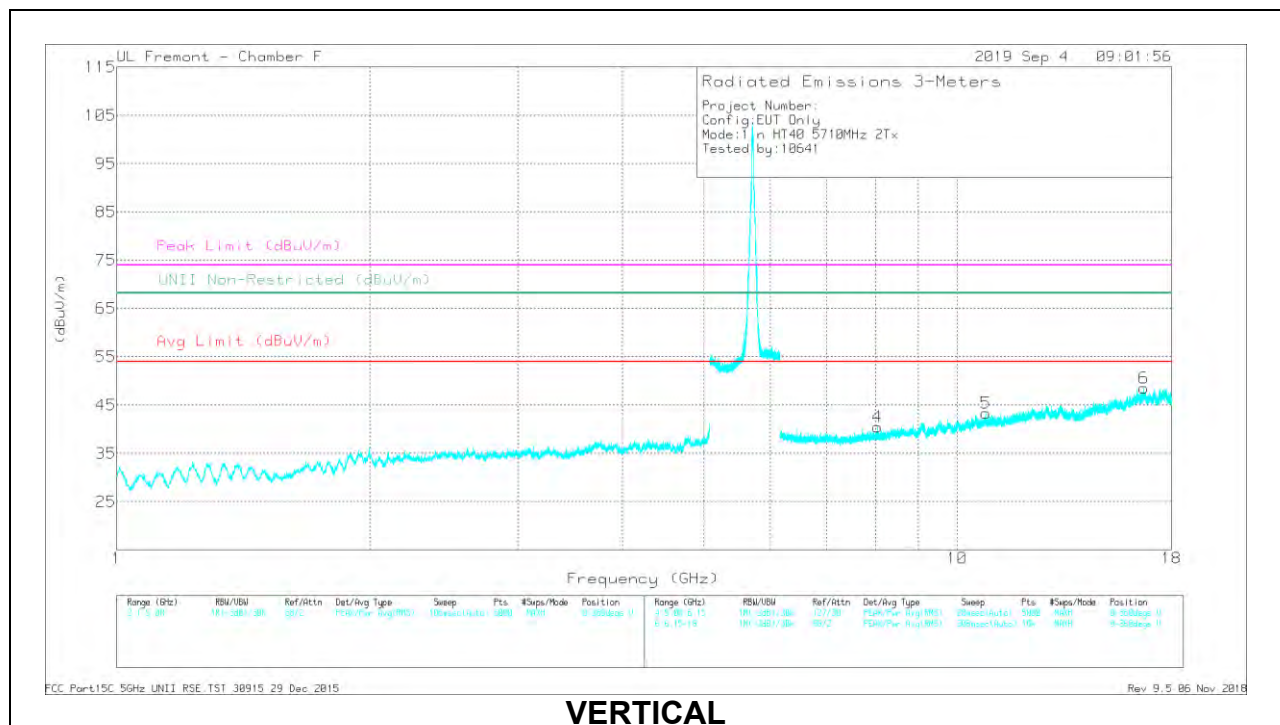
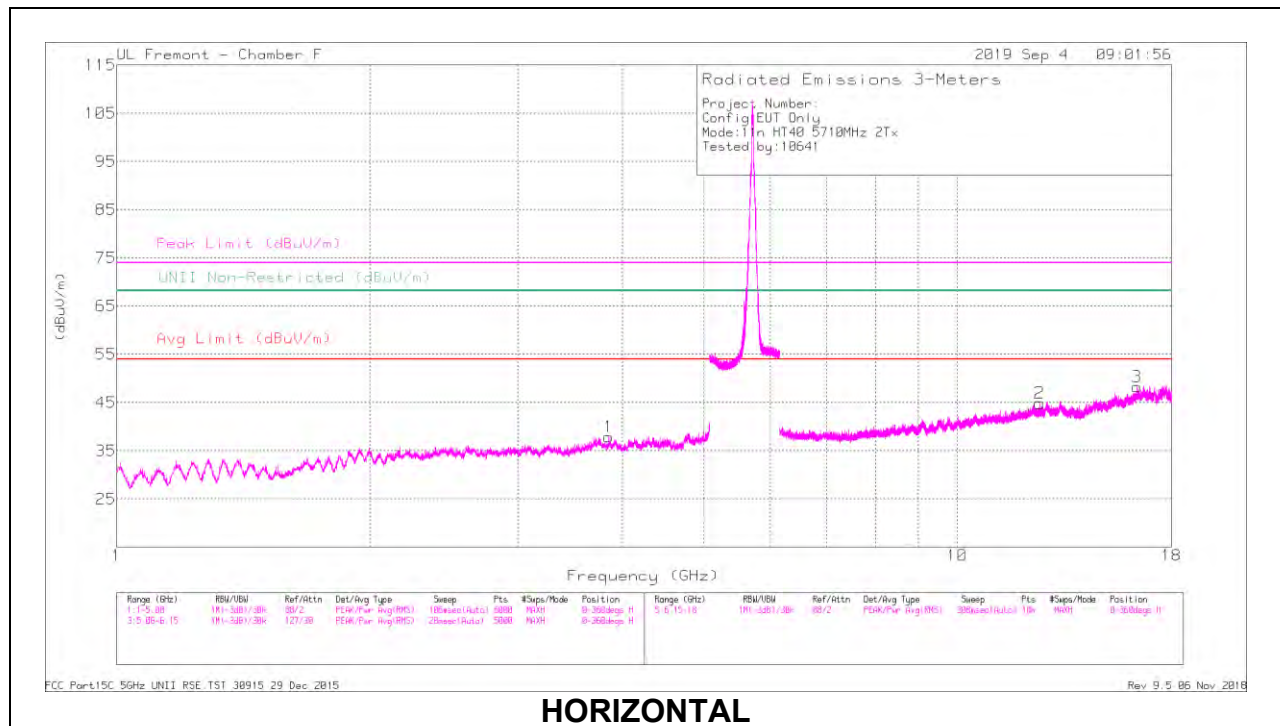
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T345 (dB/m)	Amp/Cbl/Filtr/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarization
1	* 11.339	49.22	PK-U	38.1	-38.9	0	48.42	-	-	74	-25.58	-	-	322	209	H
	* 11.337	38.73	ADR	38.1	-38.8	0.09	38.12	54	-15.88	-	-	-	-	322	209	H
2	12.79	50.25	PK-U	39.2	-38	0	51.45	-	-	-	-	68.2	-16.75	264	239	H
3	16.684	51.08	PK-U	41.8	-36.8	0	56.08	-	-	-	-	68.2	-12.12	225	213	H
4	12.778	50.69	PK-U	39.2	-37.9	0	51.99	-	-	-	-	68.2	-16.21	203	235	V
5	16.227	51.09	PK-U	41	-37.6	0	54.49	-	-	-	-	68.2	-13.71	248	206	V
6	17.198	50.5	PK-U	41.3	-37.4	0	54.4	-	-	-	-	68.2	-13.8	259	237	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

CHANNEL 142 RESULTS



RADIATED EMISSIONS

Marker	Frequen cy (GHz)	Meter Readin g (dBuV)	Det	AF T345 (dB/m)	Amp/C bl/Fitr/P ad (dB)	DC Corr (dB)	Correct ed Readin g (dBuV/ m)	Avg Limit (dBuV/ m)	Margin (dB)	Peak Limit (dBuV/ m)	PK Margin (dB)	UNII Non- Restrict ed (dBuV/ m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 3.851	54.12	PK-U	33.7	-43.8	0	44.02	-	-	74	-29.98	-	-	314	206	H
	* 3.849	42.91	ADR	33.7	-43.9	0.09	32.8	54	-21.2	-	-	-	-	314	206	H
2	* 12.537	50.83	PK-U	39.2	-39.2	0	50.83	-	-	74	-23.17	-	-	279	185	H
	* 12.536	39.52	ADR	39.2	-39.2	0.09	39.61	54	-14.39	-	-	-	-	279	185	H
3	16.383	50.55	PK-U	41.3	-37.6	0	54.25	-	-	-	-	68.2	-13.95	299	191	H
4	* 8.046	49.81	PK-U	35.9	-39.4	0	46.31	-	-	74	-27.69	-	-	264	165	V
	* 8.047	38.91	ADR	35.9	-39.5	0.09	35.4	54	-18.6	-	-	-	-	264	165	V
5	* 10.826	50.03	PK-U	38	-38.6	0	49.43	-	-	74	-24.57	-	-	243	179	V
	* 10.829	39.07	ADR	38	-38.6	0.09	38.56	54	-15.44	-	-	-	-	243	179	V
6	16.687	49.66	PK-U	41.9	-36.9	0	54.66	-	-	-	-	68.2	-13.54	249	176	V

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

PK-U - U-NII: Maximum Peak

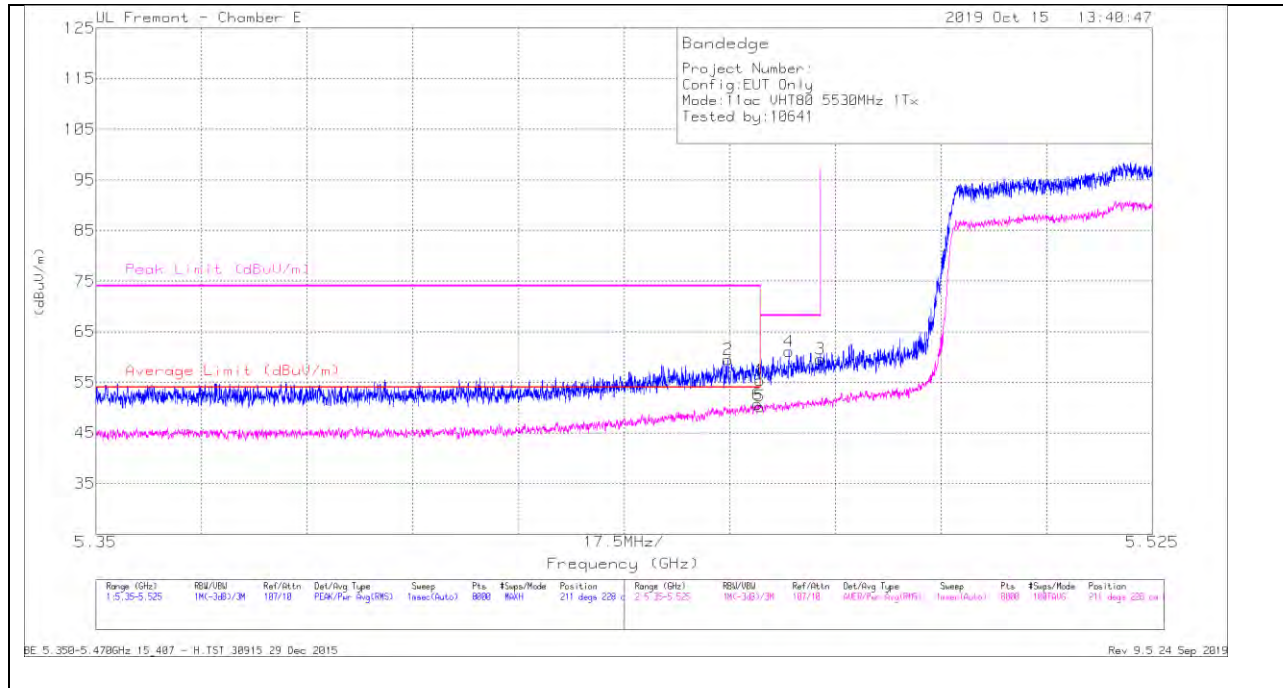
ADR - U-NII AD primary method, RMS average

1.1.15. TX ABOVE 1 GHz 802.11ac VHT80 MODE IN THE 5.6 GHz BAND

1TX LAT3

BANDEDGE (LOW CHANNEL)

HORIZONTAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T119 (dB/m)	Amp/Cb I/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	* 5.45998	42.08	Pk	34.6	-21.3	0	55.38	-	-	74	-18.62	211	228	H
2	* 5.45471	46.14	Pk	34.6	-21.3	0	59.44	-	-	74	-14.56	211	228	H
5	* 5.45998	36.74	RMS	34.6	-21.3	0.19	50.23	54	-3.77	-	-	211	228	H
6	* 5.45963	37.16	RMS	34.6	-21.3	0.19	50.65	54	-3.35	-	-	211	228	H
4	5.46479	47.95	Pk	34.5	-21.3	0	61.15	-	-	68.2	-7.05	211	228	H
3	5.46998	46.36	Pk	34.6	-21.3	0	59.66	-	-	68.2	-8.54	211	228	H

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

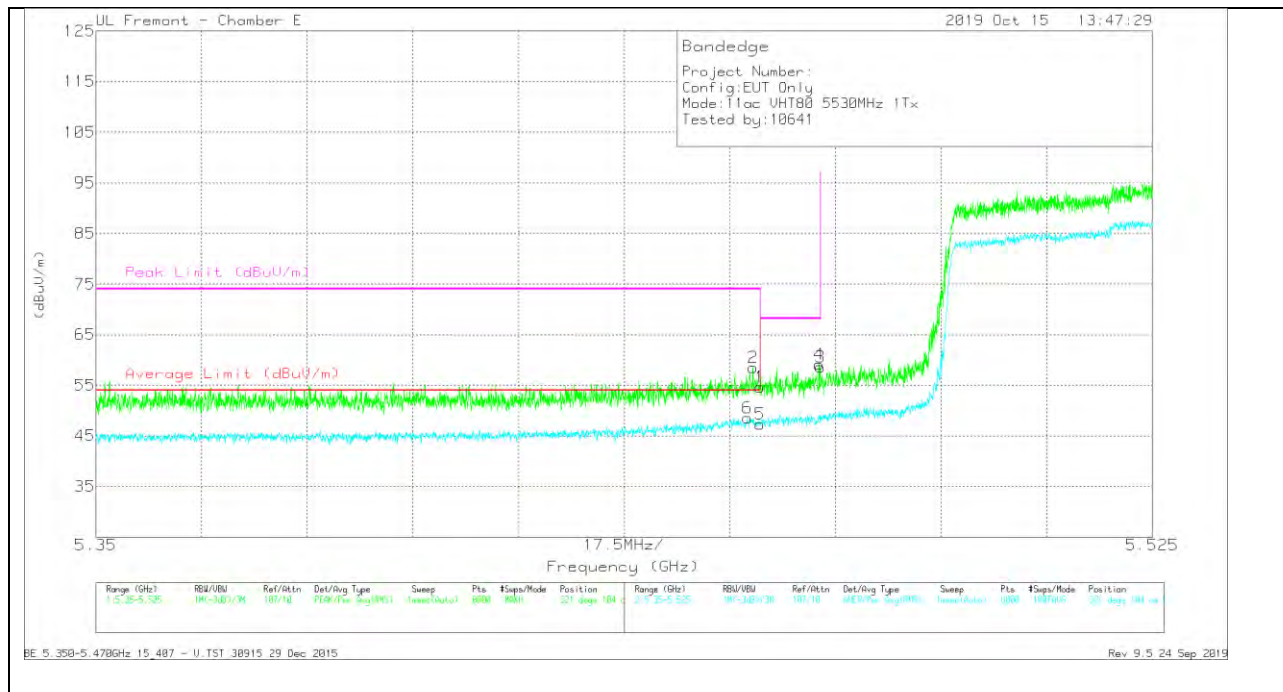
Pk - Peak detector

RMS - RMS detection

BE 5.350-5.470GHz 15_407 - H.TST 30915 29 Dec 2015

Rev 9.5 24 Sep 2019

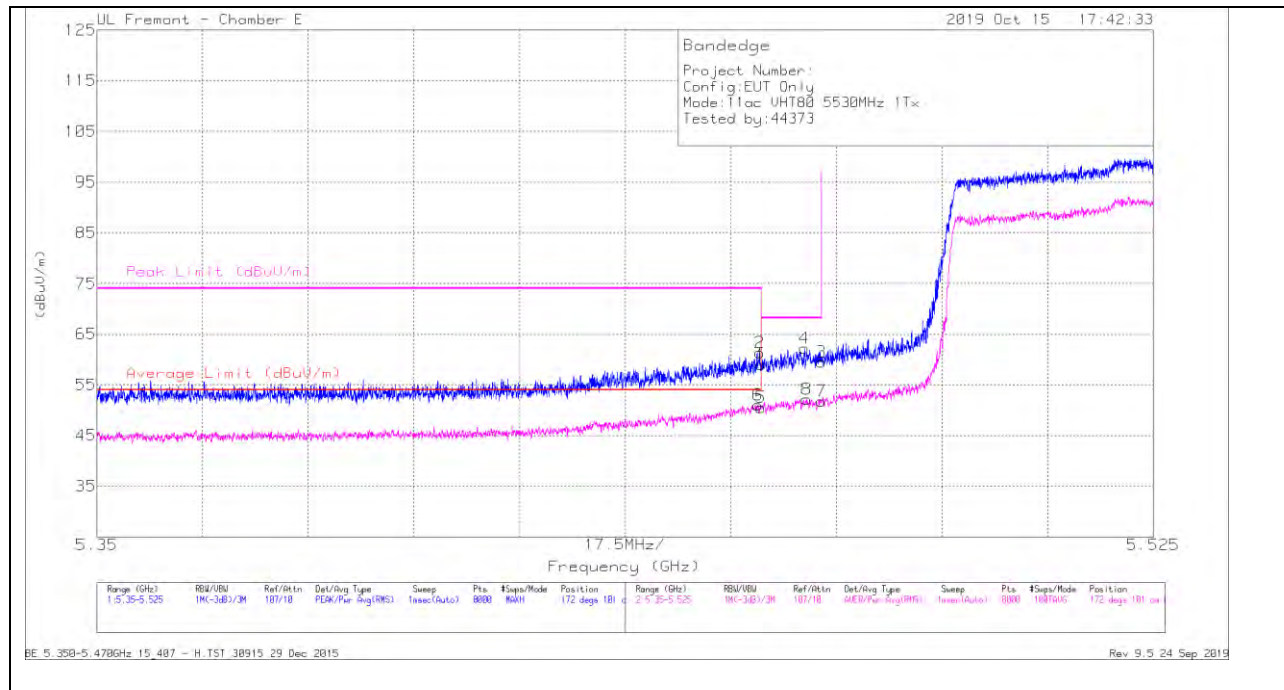
VERTICAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T119 (dB/m)	Amp/Cb I/Filtr/PA d (dB)	DC Corr (dB)	Correct ed Reading (dBuV/ m)	Average Limit (dBuV/ m)	Margin (dB)	Peak Limit (dBuV/ m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 5.45998	41.38	Pk	34.6	-21.3	0	54.68	-	-	74	-19.32	321	104	V
2	* 5.45884	45.24	Pk	34.6	-21.3	0	58.54	-	-	74	-15.46	321	104	V
5	* 5.45998	33.78	RMS	34.6	-21.3	0.19	47.27	54	-6.73	-	-	321	104	V
6	* 5.45795	35.02	RMS	34.6	-21.3	0.19	48.51	54	-5.49	-	-	321	104	V
4	5.46976	45.77	Pk	34.6	-21.3	0	59.07	-	-	68.2	-9.13	321	104	V
3	5.46998	45.31	Pk	34.6	-21.3	0	58.61	-	-	68.2	-9.59	321	104	V

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

BE 5.350-5.470GHz 15_407 - V.TST 30915 29 Dec 2015
Rev 9.5 24 Sep 2019

1TX UAT2**BANDEDGE (LOW CHANNEL)****HORIZONTAL RESULT**

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T119 (dB/m)	Amp/Cbl/Fitr/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	* 5.45998	45.65	Pk	34.6	-21.3	0	58.95	-	-	74	-15.05	172	101	H
2	* 5.45978	48.02	Pk	34.6	-21.3	0	61.32	-	-	74	-12.68	172	101	H
5	* 5.45998	37.22	RMS	34.6	-21.3	0.19	50.71	54	-3.29	-	-	172	101	H
6	* 5.45948	37.73	RMS	34.6	-21.3	0.19	51.22	54	-2.78	-	-	172	101	H
4	5.46724	49.05	Pk	34.5	-21.3	0	62.25	-	-	68.2	-5.95	172	101	H
8	5.46757	38.94	RMS	34.5	-21.3	0.19	52.33	-	-	-	-	172	101	H
3	5.46998	46.22	Pk	34.6	-21.3	0	59.52	-	-	68.2	-8.68	172	101	H
7	5.46998	38.49	RMS	34.6	-21.3	0.19	51.98	-	-	-	-	172	101	H

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

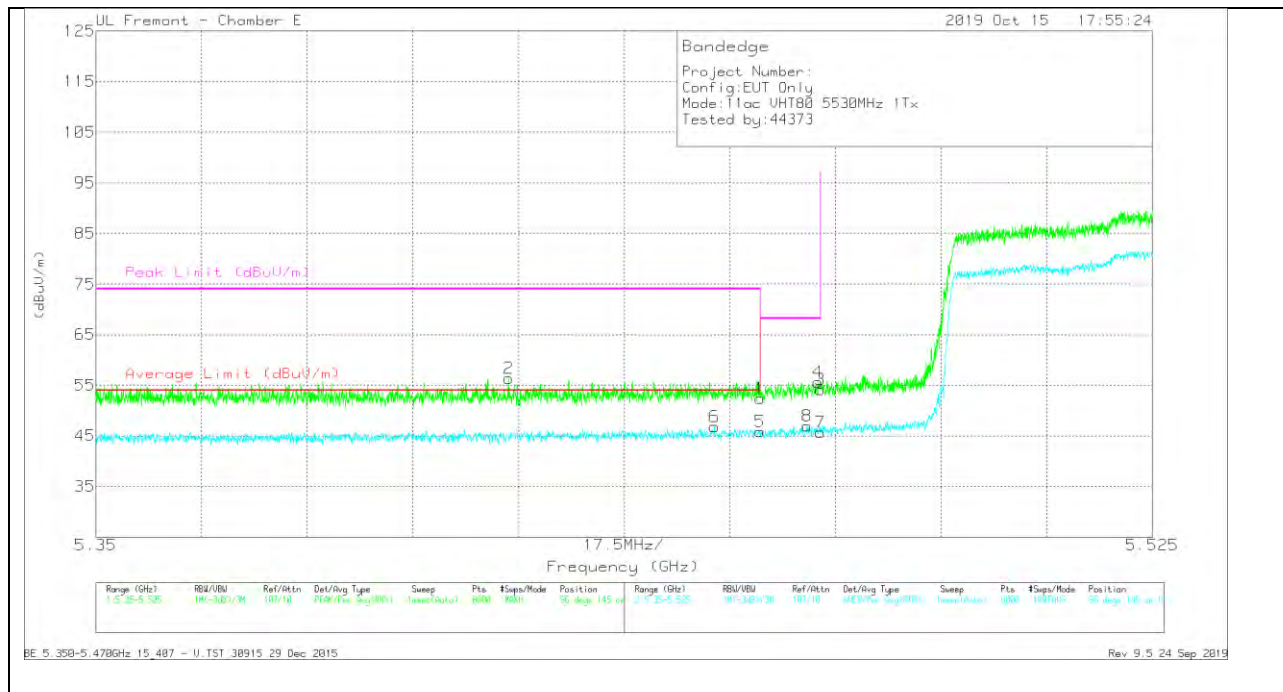
Pk - Peak detector

RMS - RMS detection

BE 5.350-5.470GHz 15_407 - H.TST 30915 29 Dec 2015

Rev 9.5 24 Sep 2019

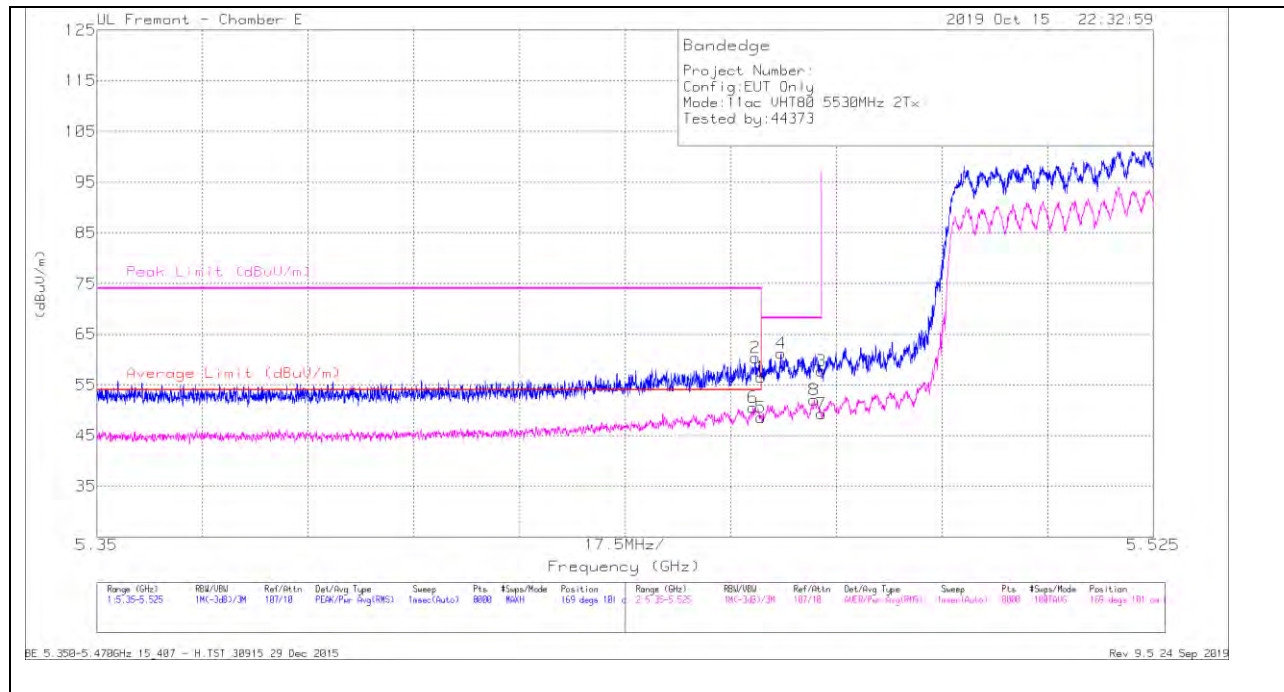
VERTICAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T119 (dB/m)	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	* 5.45998	39.08	Pk	34.6	-21.3	0	52.38	-	-	74	-21.62	96	145	V
2	* 5.41841	43.23	Pk	34.5	-21.3	0	56.43	-	-	74	-17.57	96	145	V
5	* 5.45998	32.55	RMS	34.6	-21.3	0.19	46.04	54	-7.96	-	-	96	145	V
6	* 5.45248	33.64	RMS	34.5	-21.3	0.19	47.03	54	-6.97	-	-	96	145	V
8	5.46781	33.69	RMS	34.5	-21.3	0.19	47.08	-	-	-	-	96	145	V
4	5.46963	42.33	Pk	34.6	-21.3	0	55.63	-	-	68.2	-12.57	96	145	V
3	5.46998	40.82	Pk	34.6	-21.3	0	54.12	-	-	68.2	-14.08	96	145	V
7	5.46998	32.4	RMS	34.6	-21.3	0.19	45.89	-	-	-	-	96	145	V

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

BE 5.350-5.470GHz 15_407 - V.TST 30915 29 Dec 2015
Rev 9.5 24 Sep 2019

2TX LAT3 + UAT2 CDD MODE**BANDEDGE (LOW CHANNEL)****HORIZONTAL RESULT**

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T119 (dB/m)	Amp/Cbl/Fitr/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	* 5.45998	43.2	Pk	34.6	-21.3	0	56.5	-	-	74	-17.5	169	101	H
2	* 5.45906	47	Pk	34.6	-21.3	0	60.3	-	-	74	-13.7	169	101	H
5	* 5.45998	35.24	RMS	34.6	-21.3	0.19	48.73	54	-5.27	-	-	169	101	H
6	* 5.45869	37.25	RMS	34.6	-21.3	0.19	50.74	54	-3.26	-	-	169	101	H
4	5.46335	48.04	Pk	34.5	-21.3	0	61.24	-	-	68.2	-6.96	169	101	H
8	5.46882	38.71	RMS	34.6	-21.3	0.19	52.20	-	-	-	-	169	101	H
3	5.46998	44.4	Pk	34.6	-21.3	0	57.7	-	-	68.2	-10.5	169	101	H
7	5.46998	35.98	RMS	34.6	-21.3	0.19	49.47	-	-	-	-	169	101	H

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

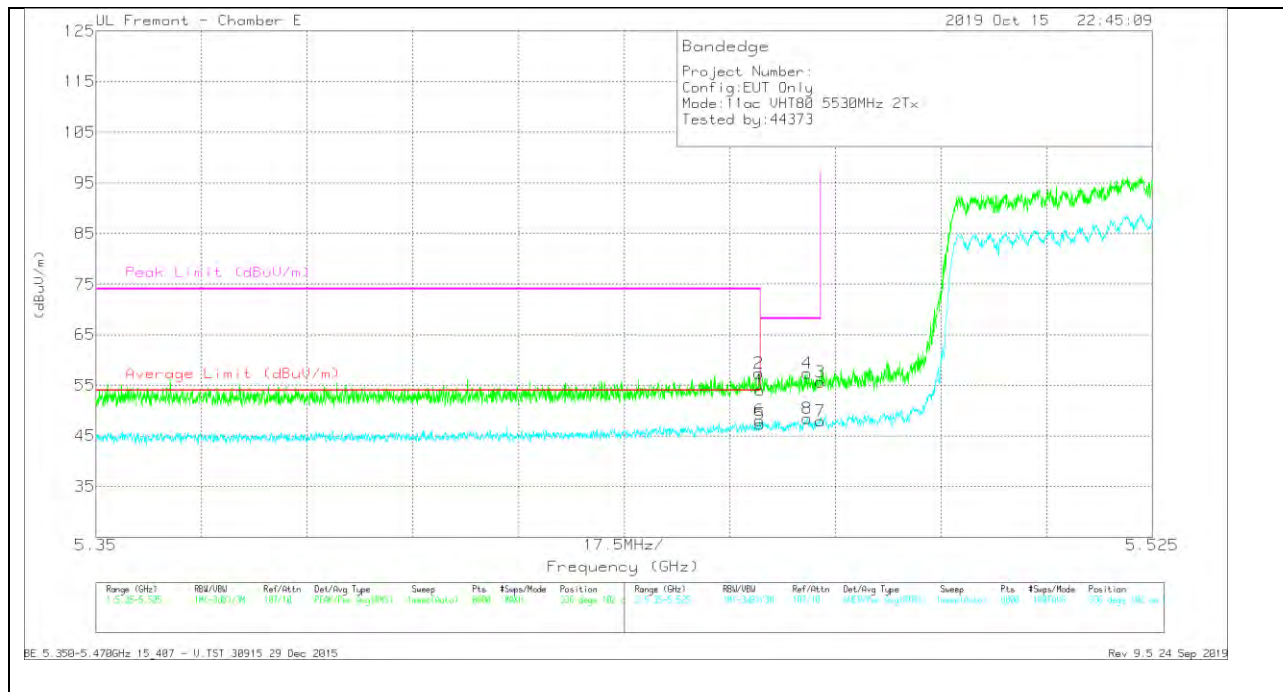
Pk - Peak detector

RMS - RMS detection

BE 5.350-5.470GHz 15_407 - H.TST 30915 29 Dec 2015

Rev 9.5 24 Sep 2019

VERTICAL RESULT

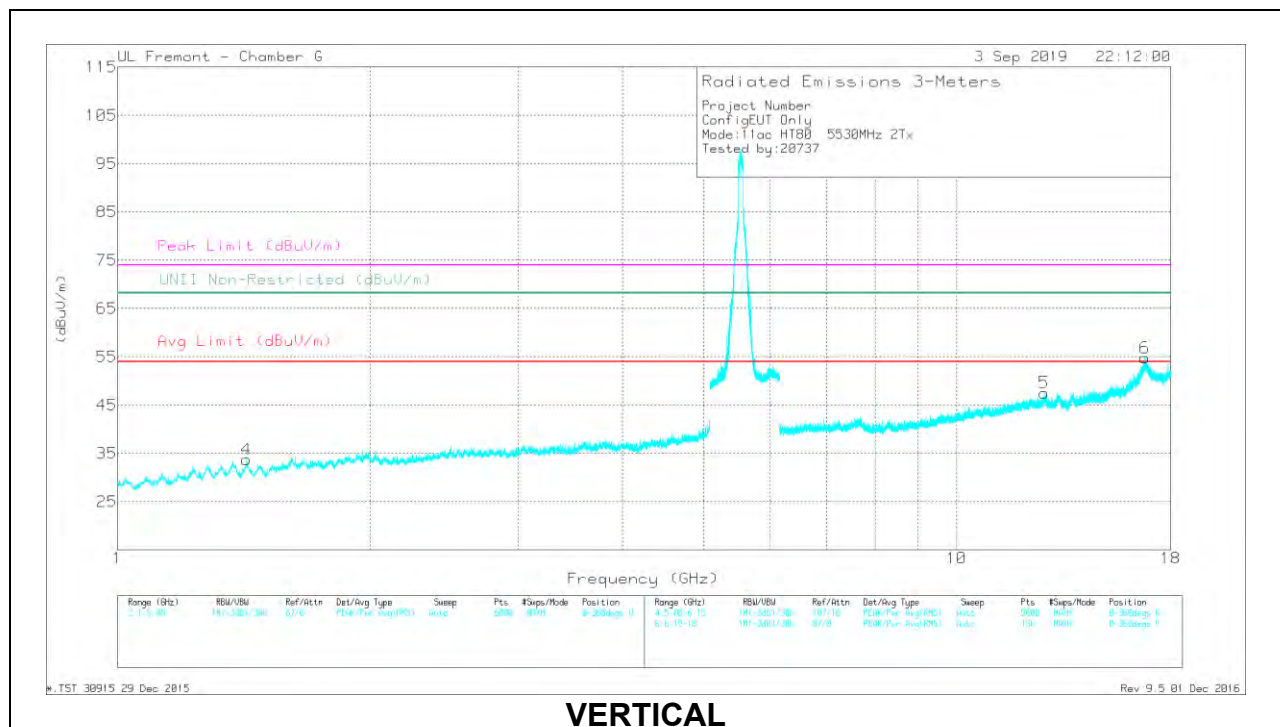
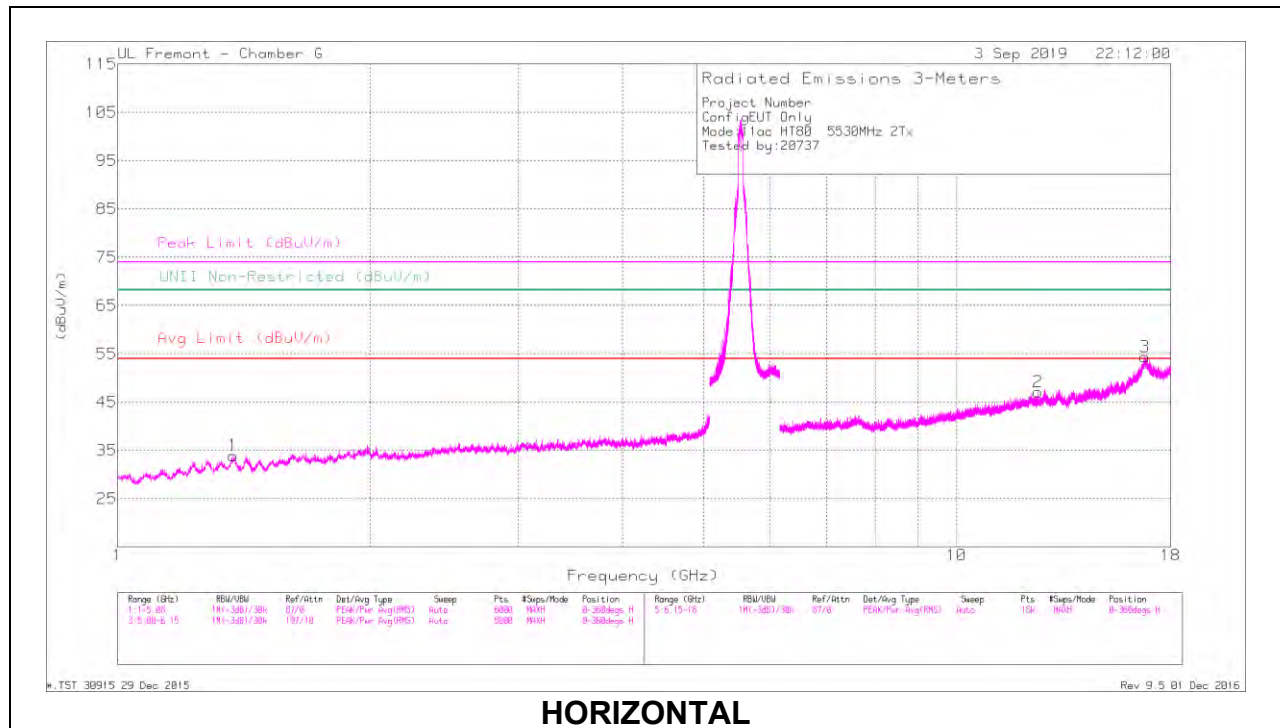


* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band
Pk - Peak detector
RMS - RMS detection

BE 5.350-5.470GHz 15_407 - V.TST 30915 29 Dec 2015
Rev 9.5 24 Sep 2019

HARMONICS AND SPURIOUS EMISSIONS

LOW CHANNEL RESULTS



RADIATED EMISSIONS

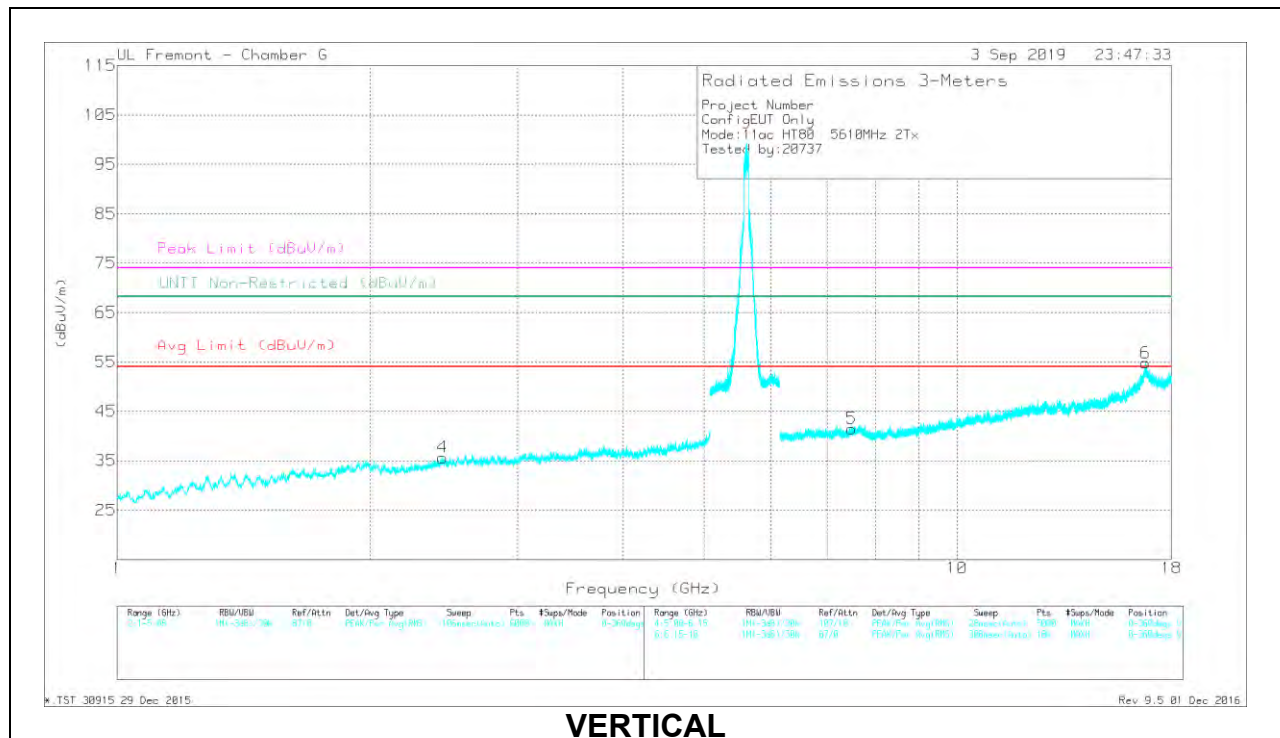
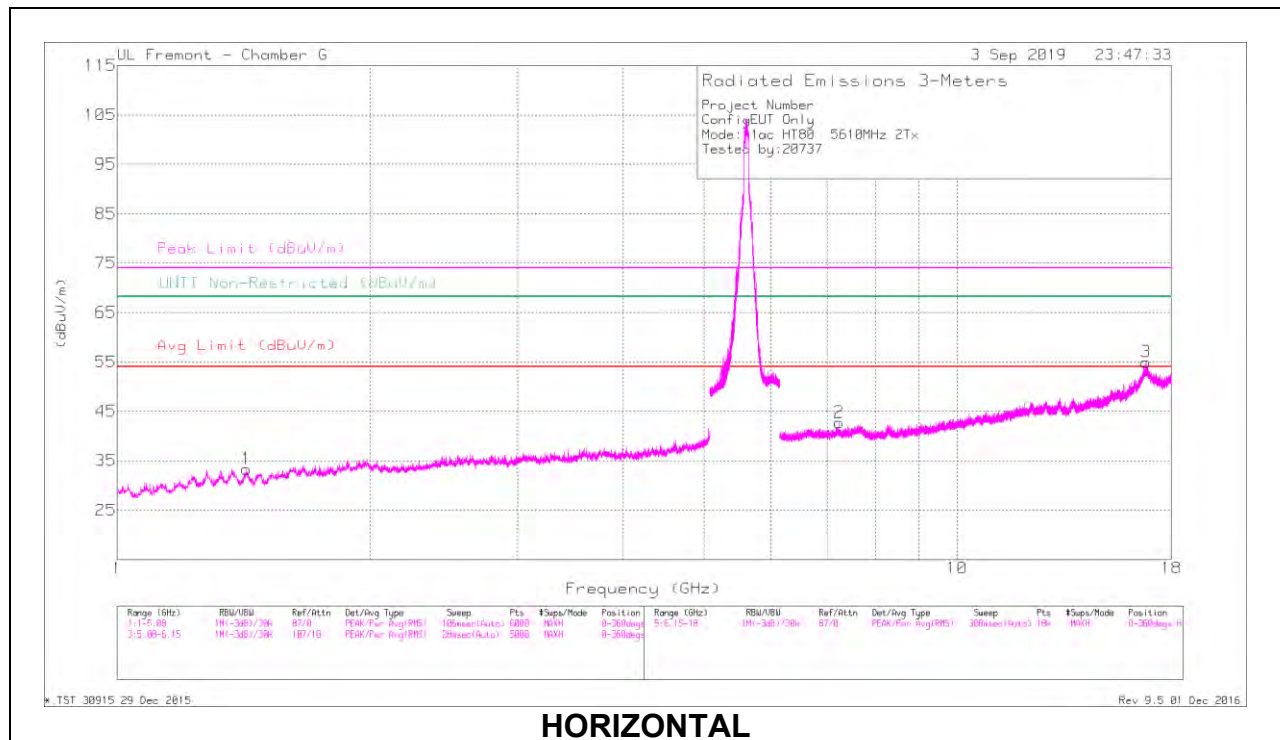
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T136 (dB/m)	Ampl/Cbl/Ftr/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 1.375	45.78	PK-U	29.5	-32.1	0	43.18	-	-	74	-30.82	-	-	163	255	H
	* 1.376	32.3	ADR	29.4	-32.1	0.19	29.79	54	-24.21	-	-	-	-	163	255	H
4	* 1.426	43.94	PK-U	28.9	-31.6	0	41.24	-	-	74	-32.76	-	-	90	285	V
	* 1.425	31.94	ADR	28.9	-31.6	0.19	29.43	54	-24.57	-	-	-	-	90	285	V
2	* 12.499	36.55	PK-U	39	-22.8	0	52.75	-	-	74	-21.25	-	-	224	169	H
	* 12.5	25.49	ADR	39	-22.8	0.19	41.88	54	-12.12	-	-	-	-	224	169	H
5	12.713	36.78	PK-U	39	-21.8	0	53.98	-	-	-	-	68.2	-14.22	265	279	V
6	16.767	36.73	PK-U	41.8	-17.4	0	61.13	-	-	-	-	68.2	-7.07	163	301	V
3	16.781	36.85	PK-U	41.8	-16.9	0	61.75	-	-	-	-	68.2	-6.45	192	182	H

* - 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

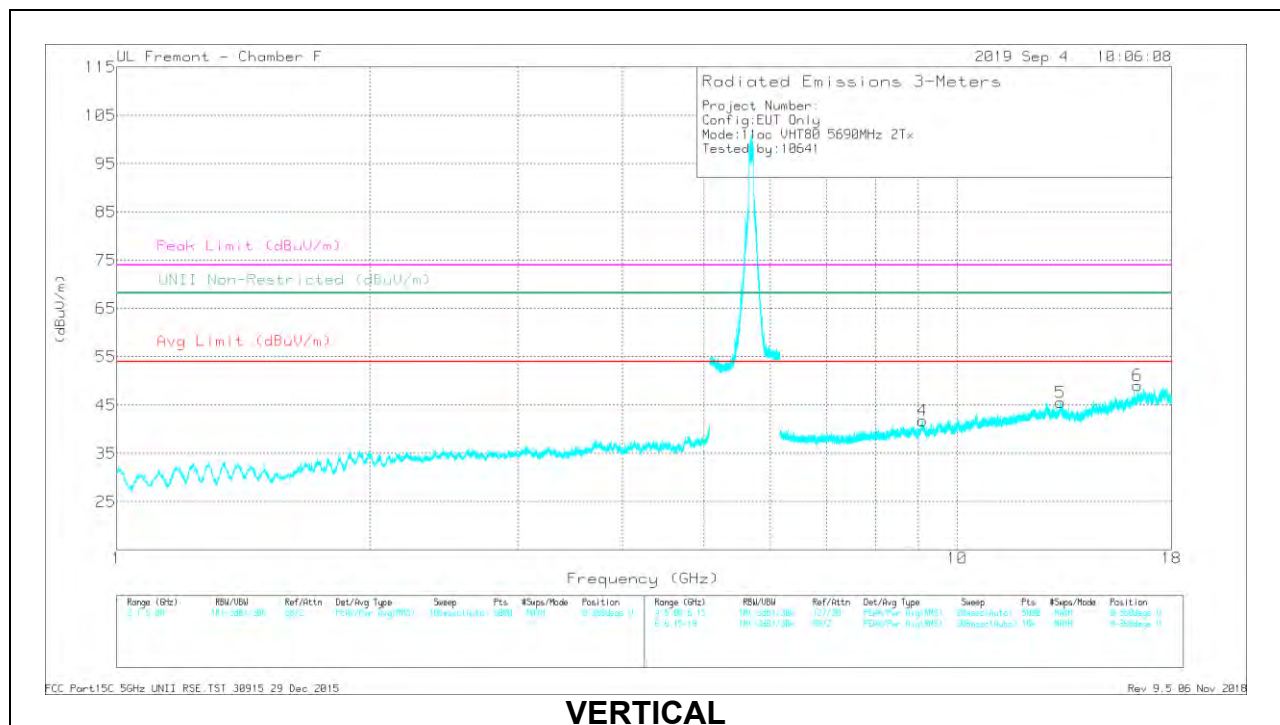
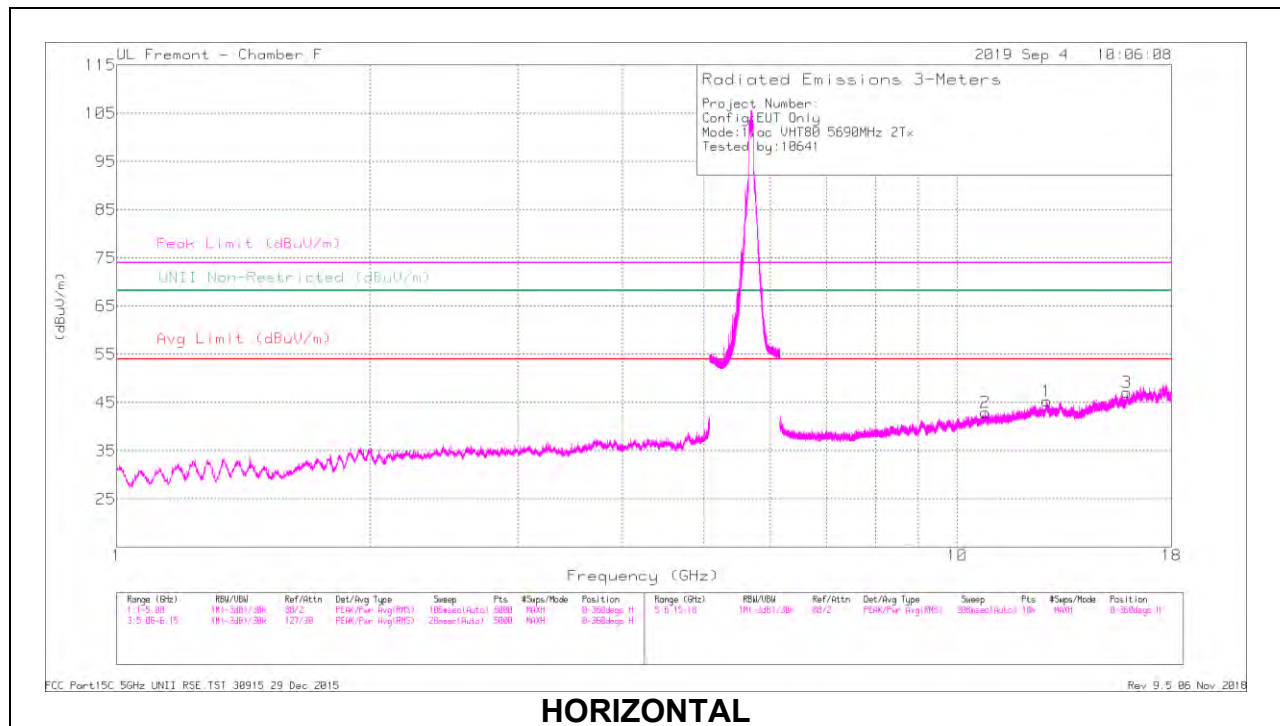
Marker	Frequenc y (GHz)	Meter Reading (dBuV)	Det	AF T136 (dB/m)	Amp/CB/Filtr/Pad (dB)	DC Corr (dB)	Correcte d Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non- Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 1.426	44.17	PK-U	28.9	-31.6	0	41.47	-	-	74	-32.53	-	-	270	212	H
	* 1.426	31.69	ADR	28.9	-31.6	0.19	29.18	54	-24.82	-	-	-	-	270	212	H
5	* 7.49	39.83	PK-U	36.6	-27.6	0	48.83	-	-	74	-25.17	-	-	36	113	V
	* 7.49	27.82	ADR	36.6	-27.6	0.19	37.01	54	-16.99	-	-	-	-	36	113	V
4	2.441	42.34	PK-U	32.3	-31.5	0	43.14	-	-	-	-	68.2	-25.06	345	378	V
2	7.244	39.52	PK-U	36.3	-27.3	0	48.52	-	-	-	-	68.2	-19.68	148	134	H
6	16.78	36.33	PK-U	41.8	-16.9	0	61.23	-	-	-	-	68.2	-6.97	337	278	V
3	16.787	36.55	PK-U	41.8	-16.9	0	61.45	-	-	-	-	68.2	-6.75	27	154	H

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

PK-U - U-NII: Maximum Peak

ADR - U-NII AD primary method, RMS average

CHANNEL 138 RESULTS



RADIATED EMISSIONS

Marker	Frequency (GHz)	Meter Reading (dBu)	Det	AF T345 (dBm)	Amp/CM/Filt/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)	Altitude (Degs)	Height (cm)	Polarity
1	12.784	50.31	PK-U	39.3	-38	0	51.61	-	-	-	-	68.2	-16.59	318	232	H
2	* 10.81	50.01	PK-U	38	-38.6	0	49.41	-	-	74	-24.59	-	-	256	210	H
	* 10.809	38.98	ADR	38	-38.6	0.19	38.57	54	-15.43	-	-	-	-	256	210	H
3	* 15.928	50.98	PK-U	40.5	-37.6	0	53.88	-	-	74	-20.12	-	-	214	188	H
	* 15.928	39.26	ADR	40.5	-37.6	0.19	42.35	54	-11.65	-	-	-	-	214	188	H
6	* 16.4	51.37	PK-U	41.3	-37.5	0	55.17	-	-	-	-	68.2	-13.03	274	244	V
4	* 9.107	50.52	PK-U	36.3	-38.7	0	48.12	-	-	74	-25.88	-	-	228	181	V
	* 9.109	39.41	ADR	36.4	-38.7	0.19	37.3	54	-16.7	-	-	-	-	229	181	V
5	* 13.282	50.33	PK-U	39.3	-38	0	51.63	-	-	74	-22.37	-	-	199	198	V
	* 13.28	39.48	ADR	39.3	-38.1	0.19	40.87	54	-13.13	-	-	-	-	199	198	V

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

PK-U - U-NII: Maximum Peak

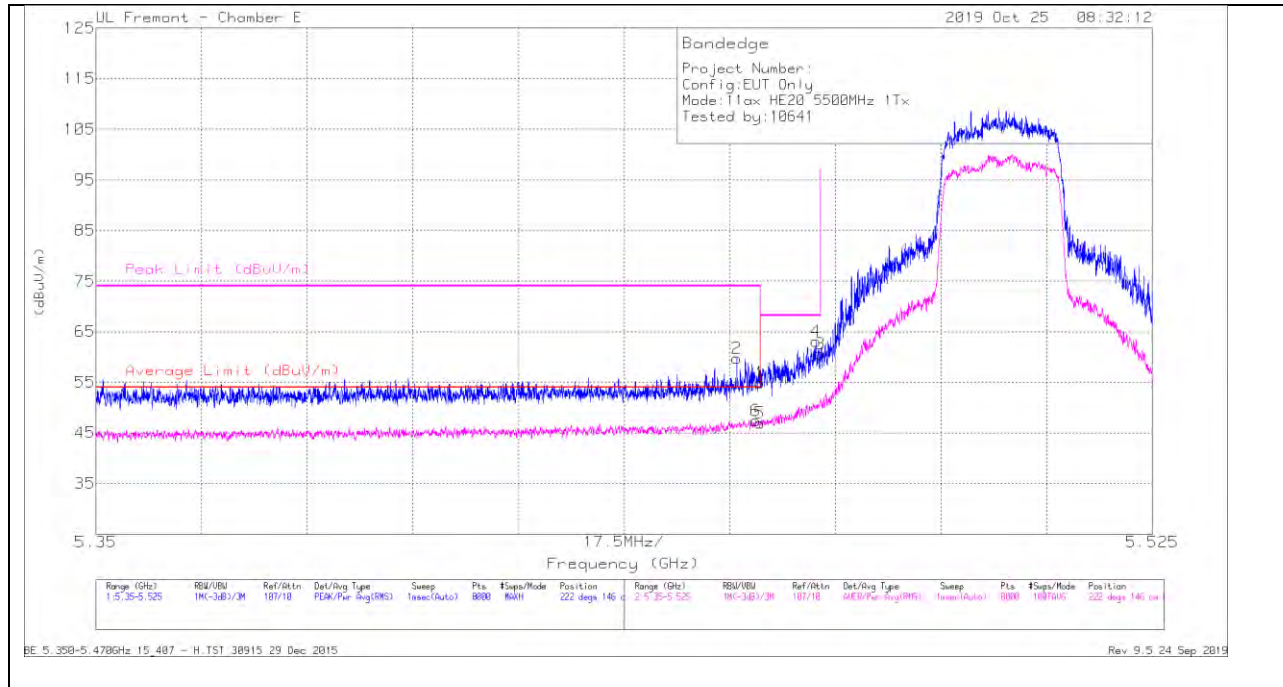
ADR - U-NII AD primary method, RMS average

1.1.16. TX ABOVE 1 GHz 802.11ax HE20 MODE IN THE 5.6 GHz BAND

1TX LAT3 – 242 Tones, RU Index 61

BANDEDGE (LOW CHANNEL)

HORIZONTAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T119 (dBm)	Amp/Cbl/Filtr/Pad (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 5.45998	41.53	Pk	34.6	-21.3	54.83	-	-	74	-19.17	222	146	H
2	* 5.45617	46.39	Pk	34.6	-21.3	59.69	-	-	74	-14.31	222	146	H
5	* 5.45998	33.6	RMS	34.6	-21.3	46.9	54	-7.1	-	-	222	146	H
6	* 5.45932	34.13	RMS	34.6	-21.3	47.43	54	-6.57	-	-	222	146	H
4	5.46926	49.83	Pk	34.6	-21.3	63.13	-	-	68.2	-5.07	222	146	H
3	5.46996	47.27	Pk	34.6	-21.3	60.57	-	-	68.2	-7.63	222	146	H

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

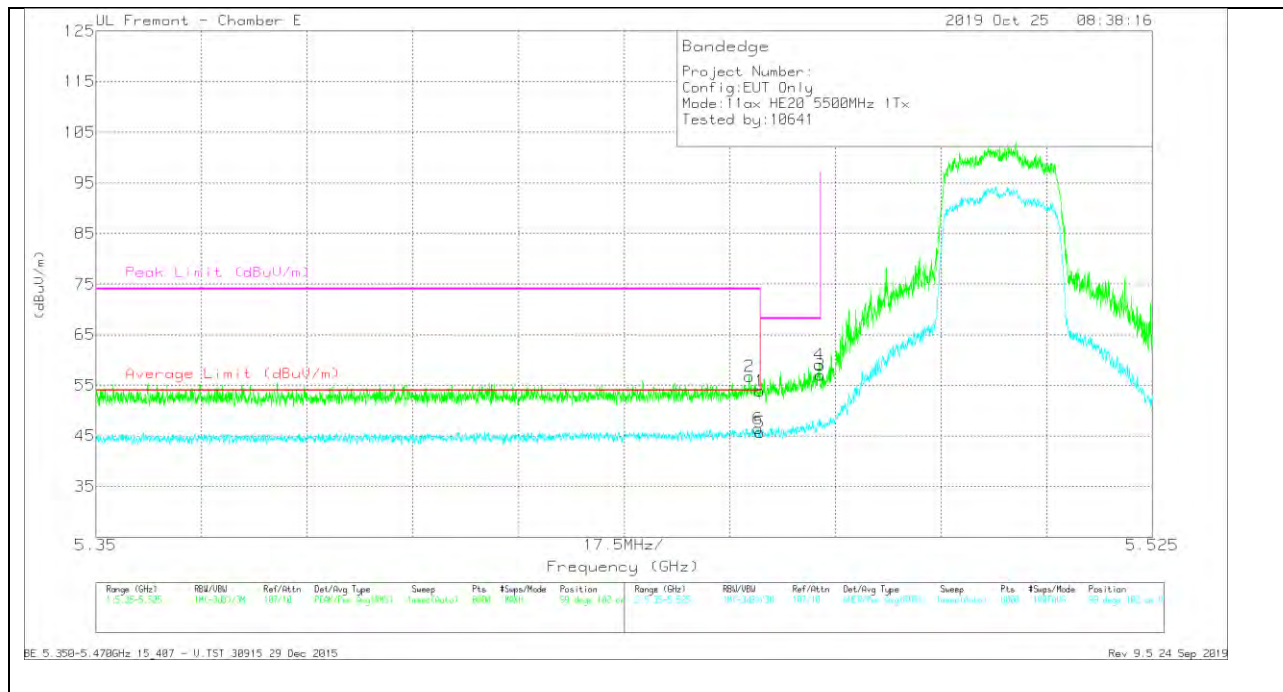
Pk - Peak detector

RMS - RMS detection

BE 5.350-5.470GHz 15_407 - H.TST 30915 29 Dec 2015

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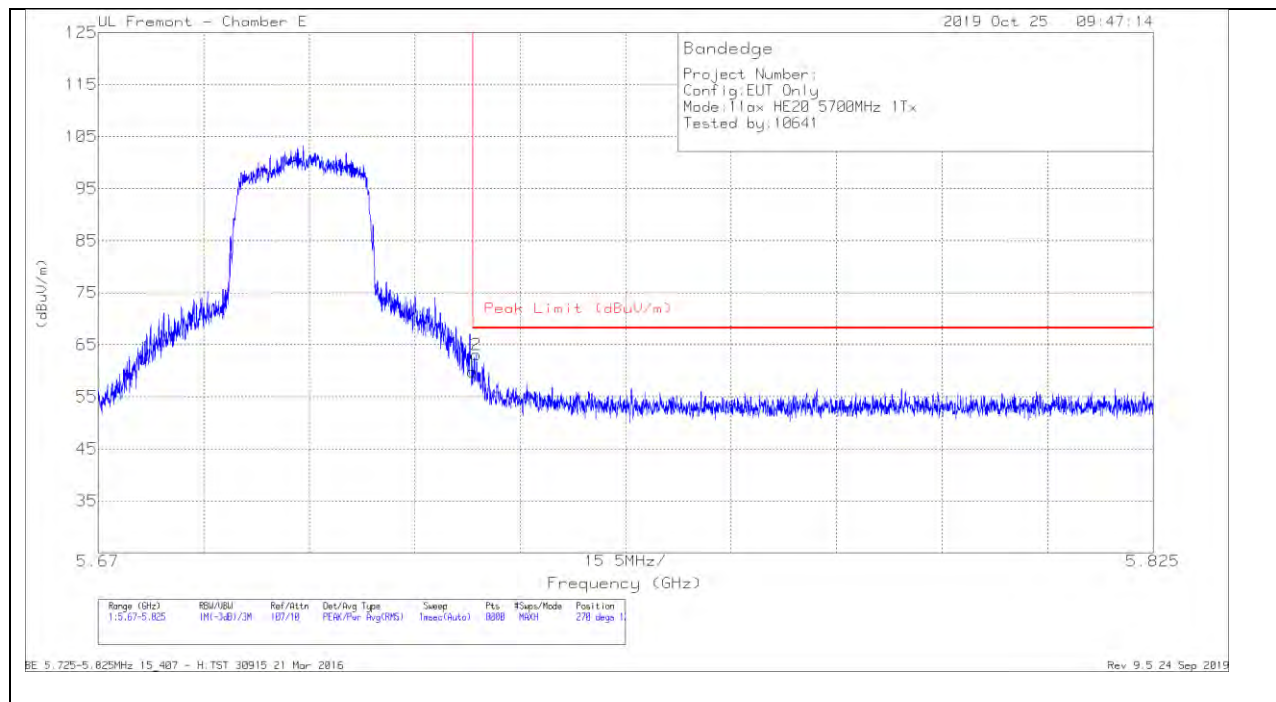
VERTICAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T119 (dB/m)	Amp/Cbl/Filtr/Pad (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 5.45998	40.64	Pk	34.6	-21.3	53.94	-	-	74	-20.06	99	102	V
2	* 5.45821	43.4	Pk	34.6	-21.3	56.7	-	-	74	-17.3	99	102	V
5	* 5.45998	32.43	RMS	34.6	-21.3	45.73	54	-8.27	-	-	99	102	V
6	* 5.45967	33.19	RMS	34.6	-21.3	46.49	54	-7.51	-	-	99	102	V
4	5.46985	45.79	Pk	34.6	-21.3	59.09	-	-	68.2	-9.11	99	102	V
3	5.46998	43.74	Pk	34.6	-21.3	57.04	-	-	68.2	-11.16	99	102	V

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

BE 5.350-5.470GHz 15_407 - V.TST 30915 29 Dec 2015
Rev 9.5 24 Sep 2019

BANDEDGE (HIGH CHANNEL)**HORIZONTAL RESULT**

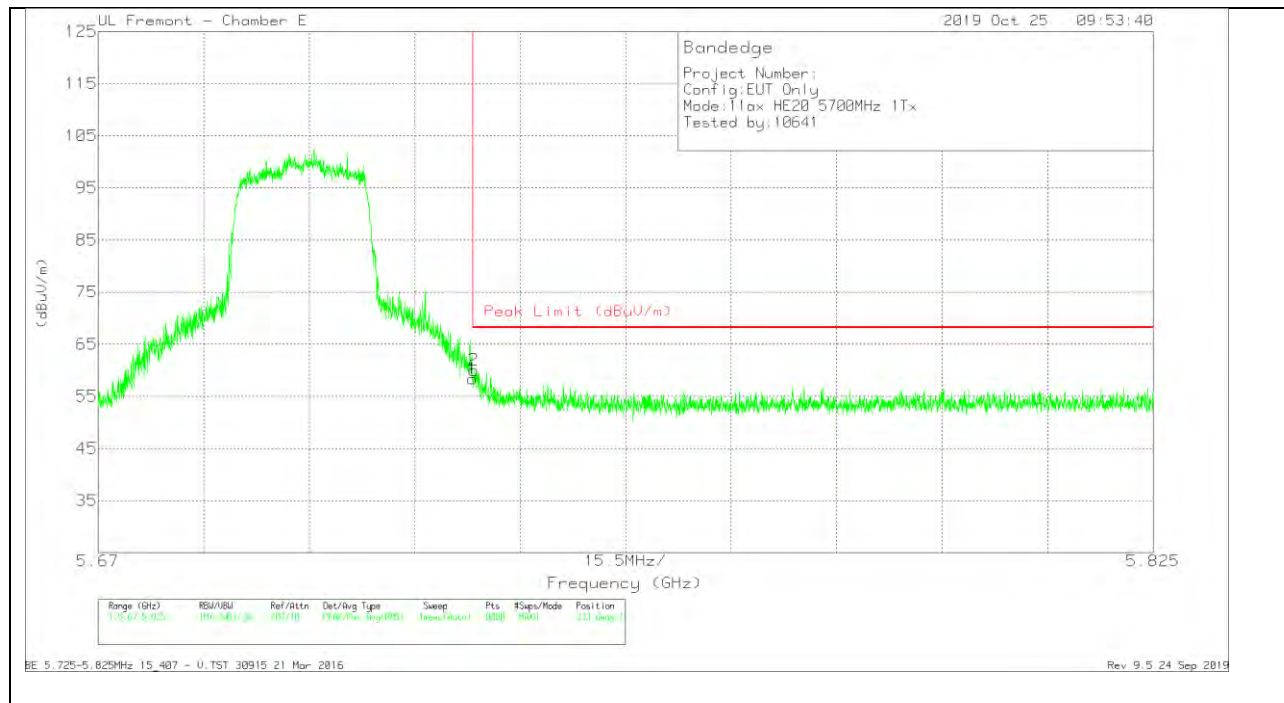
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T119 (dB/m)	Amp/Cbl/Filtr/Pad (dB)	Corrected Reading (dBuV/m)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.72501	45.94	Pk	34.8	-20.9	59.84	68.2	-8.36	270	124	H
2	5.72555	49.27	Pk	34.7	-20.9	63.07	68.2	-5.13	270	124	H

Pk - Peak detector

BE 5.725-5.825MHz 15_407 - H.TST 30915 21 Mar 2016

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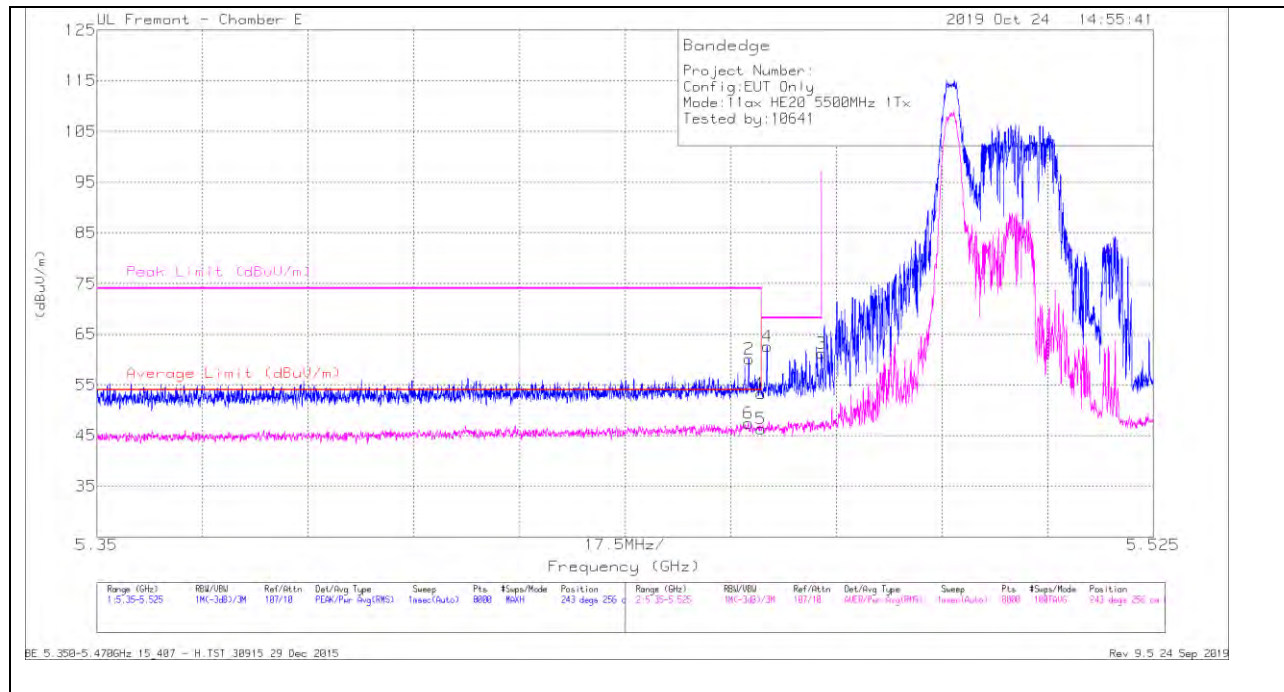
VERTICAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T119 (dB/m)	Amp/Cbl/Fitr/Pad (dB)	Corrected Reading (dBuV/m)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.72501	44.48	Pk	34.8	-20.9	58.38	68.2	-9.82	233	155	V
2	5.72522	46.13	Pk	34.8	-20.9	60.03	68.2	-8.17	233	155	V

Pk - Peak detector

BE 5.725-5.825MHz 15_407 - V.TST 30915 21 Mar 2016
Rev 9.5 24 Sep 2019

1TX LAT3 – 26 Tones, RU Index 0**BANDEDGE (LOW CHANNEL)****HORIZONTAL RESULT**

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T119 (dB/m)	Amp/Cbl/Fitr/Pad (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 5.45998	39.93	Pk	34.6	-21.3	53.23	-	-	74	-20.77	243	256	H
2	* 5.45801	46.82	Pk	34.6	-21.3	60.12	-	-	74	-13.88	243	256	H
5	* 5.45998	33	RMS	34.6	-21.3	46.3	54	-7.7	-	-	243	256	H
6	* 5.45792	34.17	RMS	34.6	-21.3	47.47	54	-6.53	-	-	243	256	H
4	5.46103	49.35	Pk	34.5	-21.3	62.55	-	-	68.2	-5.65	243	256	H
3	5.46998	47.96	Pk	34.6	-21.3	61.26	-	-	68.2	-6.94	243	256	H

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

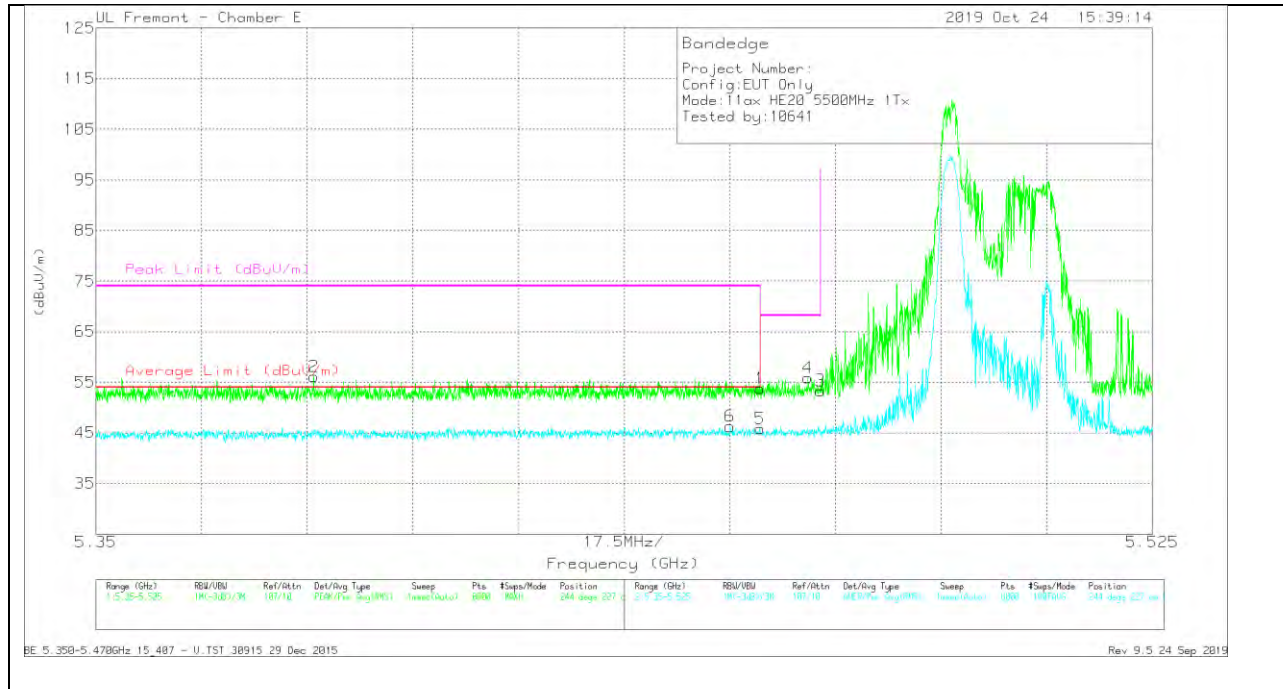
Pk - Peak detector

RMS - RMS detection

BE 5.350-5.470GHz 15_407 - H.TST 30915 29 Dec 2015

Rev 9.5 24 Sep 2019

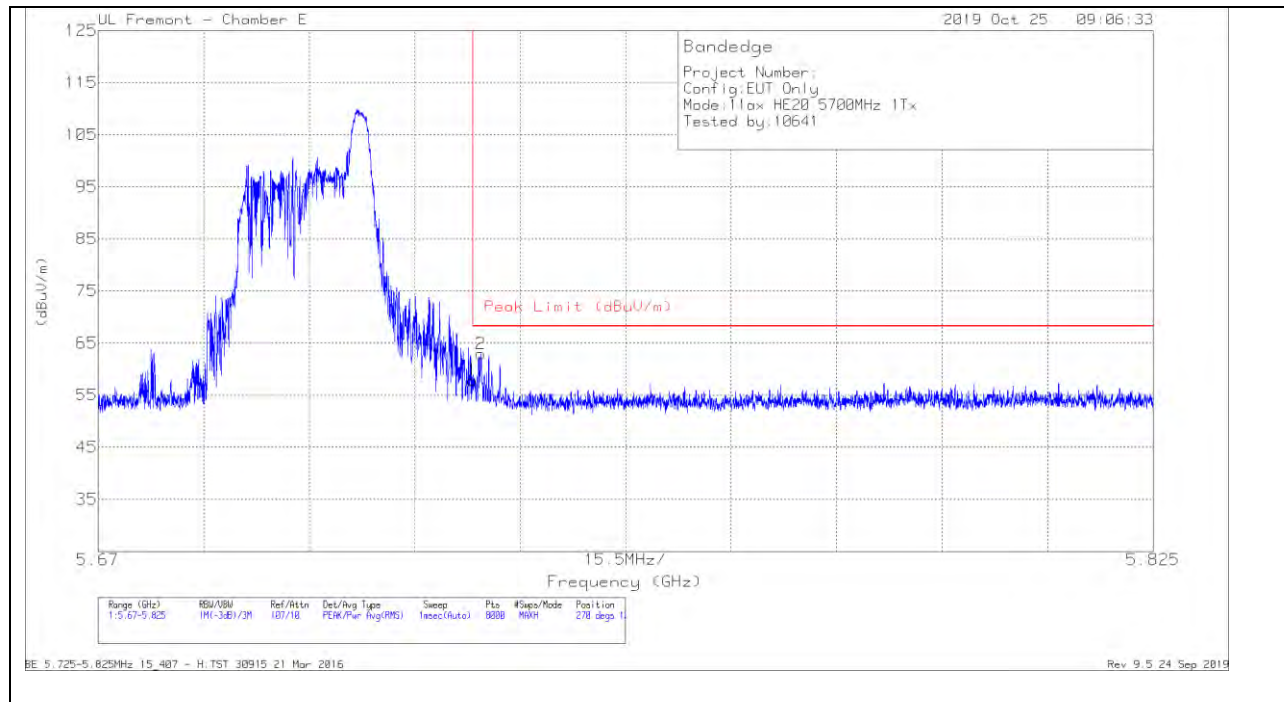
VERTICAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T119 (dB/m)	Amp/Cbl/Filtr/Pad (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 5.45998	40.46	Pk	34.6	-21.3	53.76	-	-	74	-20.24	244	227	V
2	* 5.38608	43.01	Pk	34.5	-21.4	56.11	-	-	74	-17.89	244	227	V
5	* 5.45998	32.64	RMS	34.6	-21.3	45.84	54	-8.16	-	-	244	227	V
6	* 5.45506	32.96	RMS	34.6	-21.3	46.26	54	-7.74	-	-	244	227	V
4	5.46794	42.57	Pk	34.6	-21.3	55.67	-	-	68.2	-12.33	244	227	V
3	5.46998	40.03	Pk	34.6	-21.3	53.33	-	-	68.2	-14.87	244	227	V

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

BE 5.350-5.470GHz 15_407 - V.TST 30915 29 Dec 2015
Rev 9.5 24 Sep 2019

1TX LAT3 – 26 Tones, RU Index 8**BANDEDGE (HIGH CHANNEL)****HORIZONTAL RESULT**

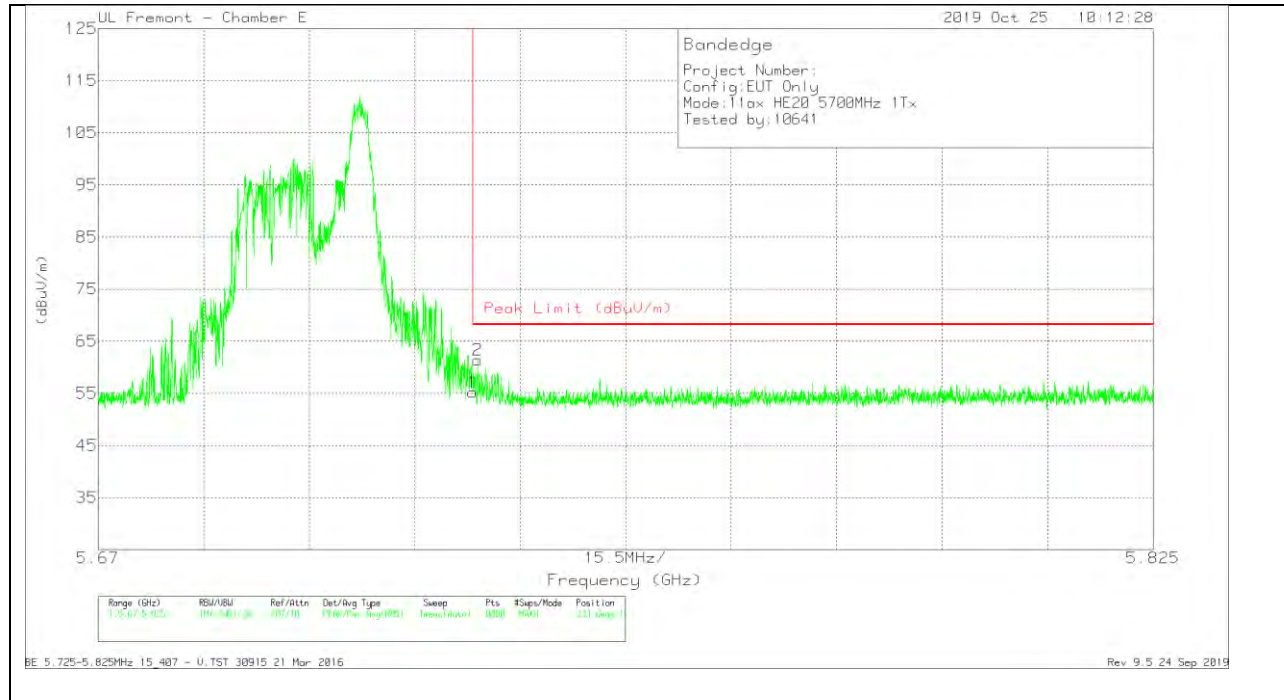
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T119 (dB/m)	Amp/Cbl/Filtr/Pad (dB)	Corrected Reading (dBuV/m)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.72501	43.97	Pk	34.8	-20.9	57.87	68.2	-10.33	270	124	H
2	5.72625	49.1	Pk	34.7	-20.9	62.9	68.2	-5.3	270	124	H

Pk - Peak detector

BE 5.725-5.825MHz 15_407 - H.TST 30915 21 Mar 2016

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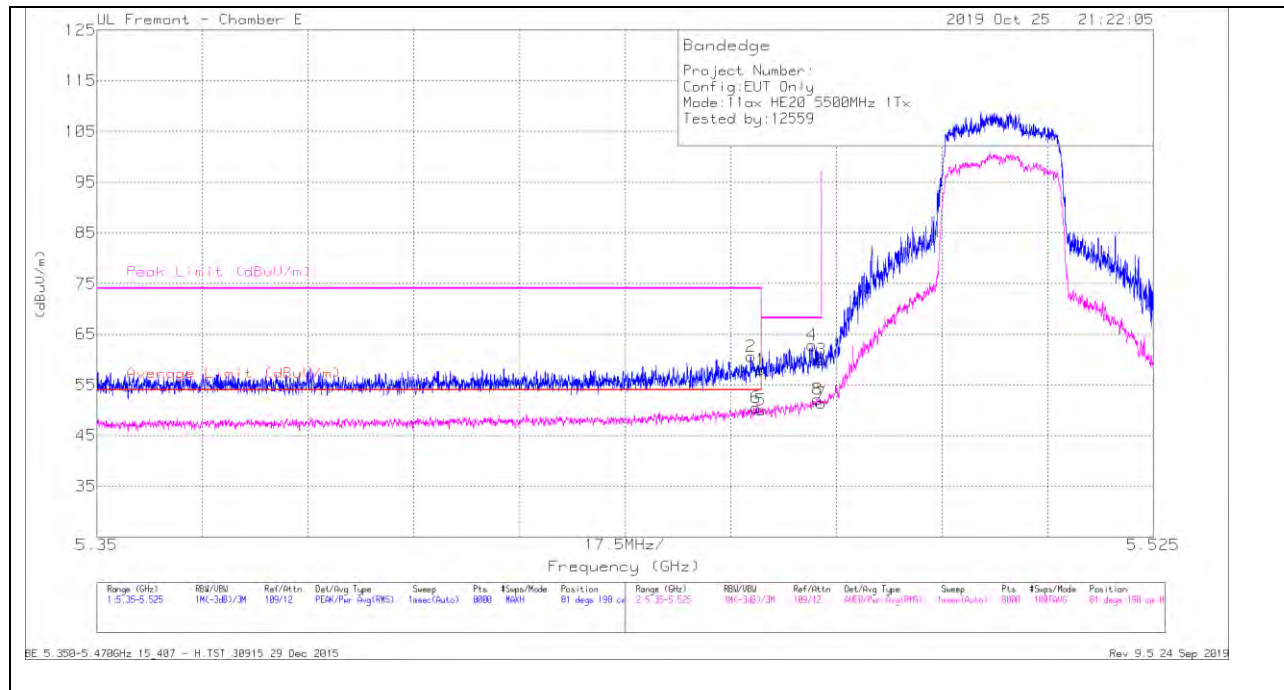
VERTICAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T119 (dB/m)	Amp/Cbl/Fitr/Pad (dB)	Corrected Reading (dBuV/m)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.72501	41.31	Pk	34.8	-20.9	55.21	68.2	-12.99	233	155	V
2	5.72575	47.61	Pk	34.7	-20.9	61.41	68.2	-6.79	233	155	V

Pk - Peak detector

BE 5.725-5.825MHz 15_407 - V.TST 30915 21 Mar 2016
Rev 9.5 24 Sep 2019

BANDEDGE (LOW CHANNEL)**HORIZONTAL RESULT**

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T119 (dB/m)	Amp/Cbl/Filtr/Pad (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 5.45998	40.49	Pk	34.6	-17.1	57.99	-	-	74	-16.01	81	198	H
2	* 5.45832	43.11	Pk	34.6	-17.1	60.61	-	-	74	-13.39	81	198	H
5	* 5.45998	32.49	RMS	34.6	-17.1	49.99	54	-4.01	-	-	81	198	H
6	* 5.45924	32.98	RMS	34.6	-17.1	50.48	54	-3.52	-	-	81	198	H
4	5.46843	45.37	Pk	34.6	-17.1	62.87	-	-	68.2	-5.33	81	198	H
8	5.46941	34.67	RMS	34.6	-17.1	52.17	-	-	-	-	81	198	H
3	5.46998	42.48	Pk	34.6	-17.1	59.98	-	-	68.2	-8.22	81	198	H
7	5.46998	33.95	RMS	34.6	-17.1	51.45	-	-	-	-	81	198	H

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

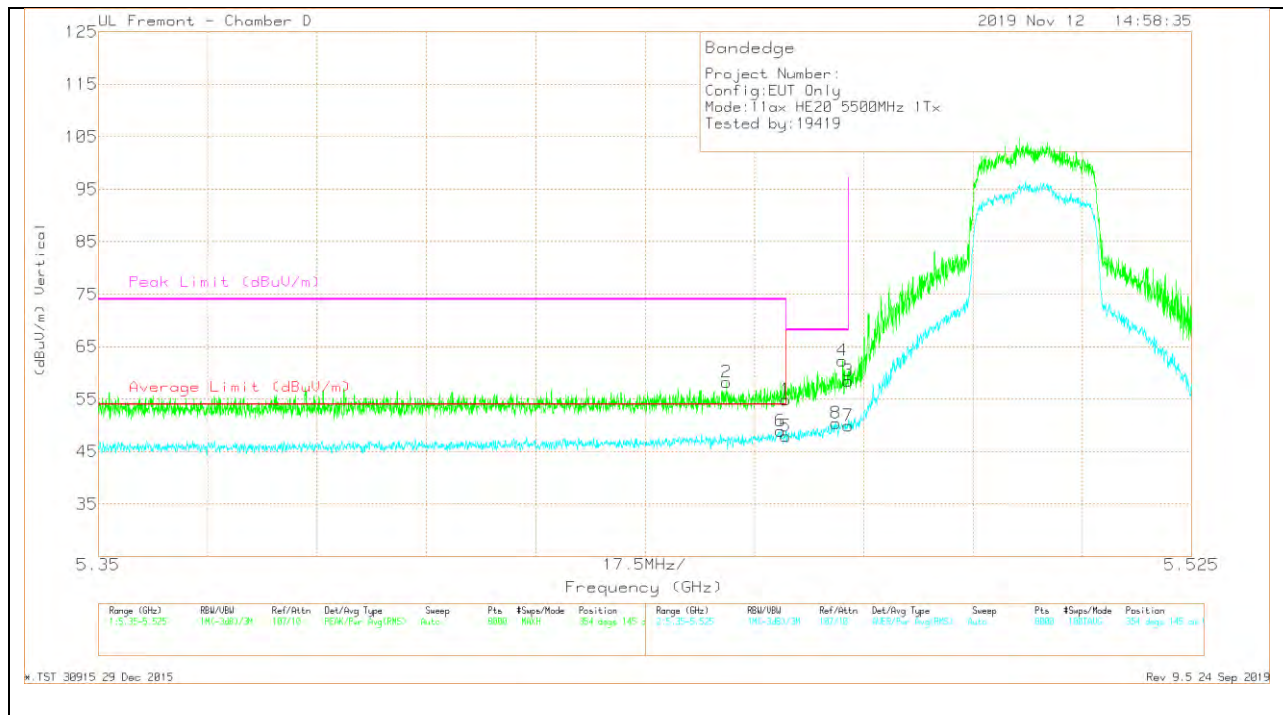
Pk - Peak detector

RMS - RMS detection

BE 5.350-5.470GHz 15_407 - H.TST 30915 29 Dec 2015

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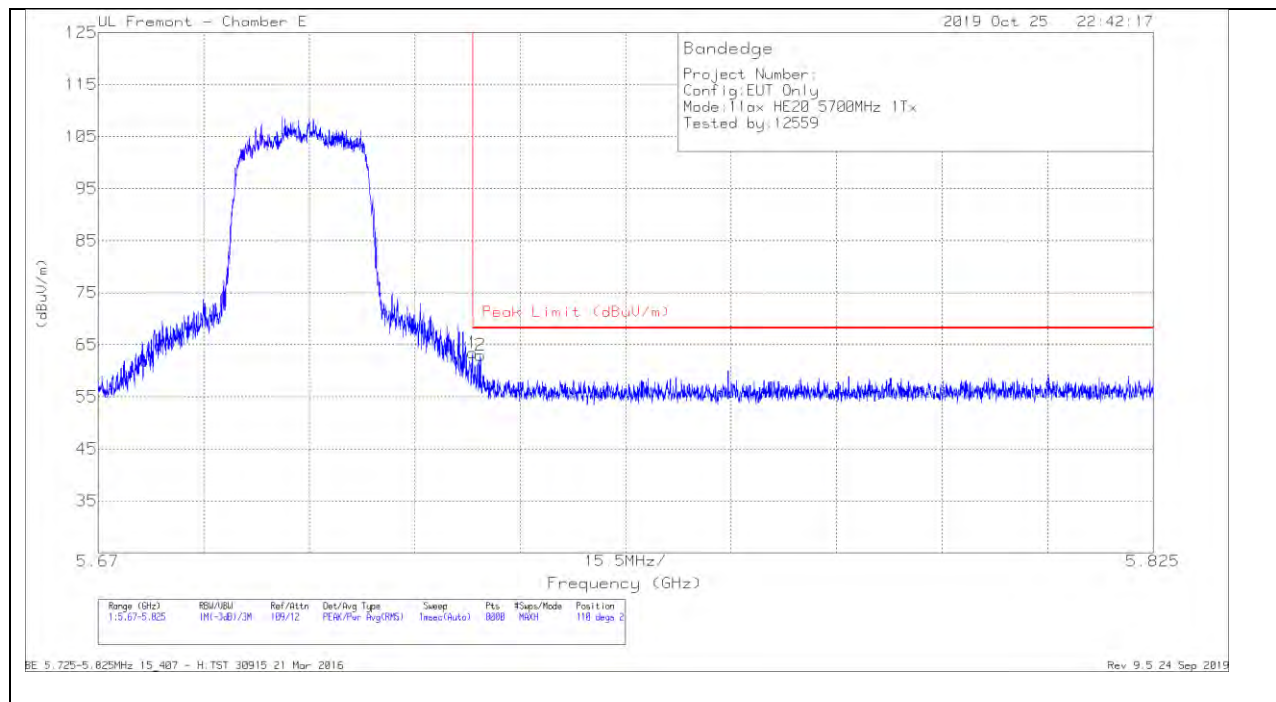
VERTICAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T712 (dB/m)	Amp/Cbl/Filtr/Pad (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 5.45998	38.53	Pk	34.4	-18	54.93	-	-	74	-19.07	354	145	V
2	* 5.45053	42.06	Pk	34.3	-18.1	58.26	-	-	74	-15.74	354	145	V
5	* 5.45998	31.49	RMS	34.4	-18	47.89	54	-6.11	-	-	354	145	V
6	* 5.45922	32.54	RMS	34.4	-18	48.94	54	-5.06	-	-	354	145	V
8	5.46803	34.28	RMS	34.3	-18.2	50.38	-	-	-	-	354	145	V
4	5.46913	46.12	Pk	34.4	-18.2	62.32	-	-	68.2	-5.88	354	145	V
3	5.46998	42.26	Pk	34.4	-18.2	58.46	-	-	68.2	-9.74	354	145	V
7	5.46998	33.77	RMS	34.4	-18.2	49.97	-	-	-	-	354	145	V

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

*.TST 30915 29 Dec 2015
Rev 9.5 24 Sep 2019

BANDEDGE (HIGH CHANNEL)**HORIZONTAL RESULT**

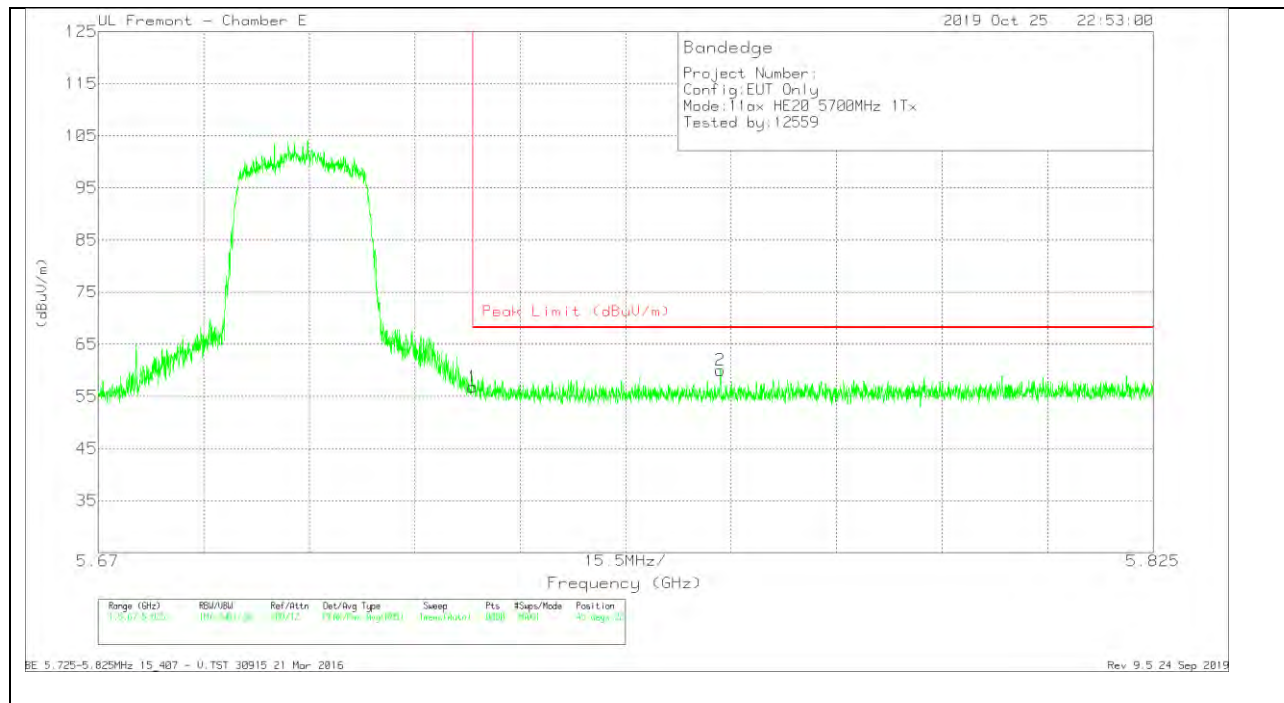
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T119 (dB/m)	Amp/Cbl/Filtr/Pad (dB)	Corrected Reading (dBuV/m)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.72501	45.78	Pk	34.8	-17.1	63.48	68.2	-4.72	110	218	H
2	5.72617	45.41	Pk	34.7	-17.1	63.01	68.2	-5.19	110	218	H

Pk - Peak detector

BE 5.725-5.825MHz 15_407 - H.TST 30915 21 Mar 2016

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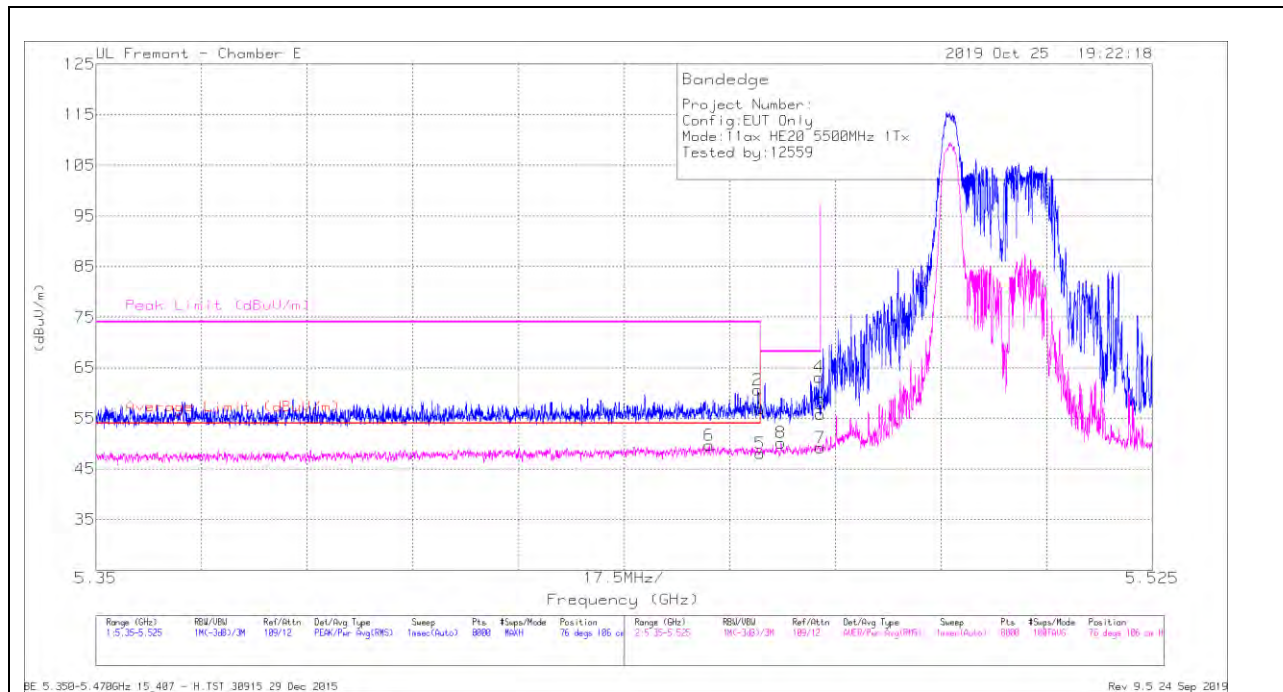
VERTICAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T119 (dB/m)	Amp/Cbl/Fitr/Pad (dB)	Corrected Reading (dBuV/m)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.72501	39.12	Pk	34.8	-17.1	56.82	68.2	-11.38	45	221	V
2	5.76142	42.24	Pk	34.8	-17	60.04	68.2	-8.16	45	221	V

Pk - Peak detector

BE 5.725-5.825MHz 15_407 - V.TST 30915 21 Mar 2016
Rev 9.5 24 Sep 2019

1TX UAT2 – 26 Tones, RU Index 0**BANDEDGE (LOW CHANNEL)****HORIZONTAL RESULT**

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T119 (dB/m)	Amp/Cbl/Filtr/Pad (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 5.45998	39.38	Pk	34.6	-17.1	56.88	-	-	74	-17.12	76	106	H
2	* 5.45961	43.06	Pk	34.6	-17.1	60.56	-	-	74	-13.44	76	106	H
5	* 5.45998	30.5	RMS	34.6	-17.1	48	54	-6	-	-	76	106	H
6	* 5.45162	32.14	RMS	34.5	-17	49.64	54	-4.36	-	-	76	106	H
8	5.4635	32.71	RMS	34.5	-17.1	50.11	-	-	-	-	76	106	H
4	5.4698	45.64	Pk	34.6	-17.1	63.14	-	-	68.2	-5.06	76	106	H
3	5.46998	38.32	Pk	34.6	-17.1	55.82	-	-	68.2	-12.38	76	106	H
7	5.46998	31.65	RMS	34.6	-17.1	49.15	-	-	-	-	76	106	H

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

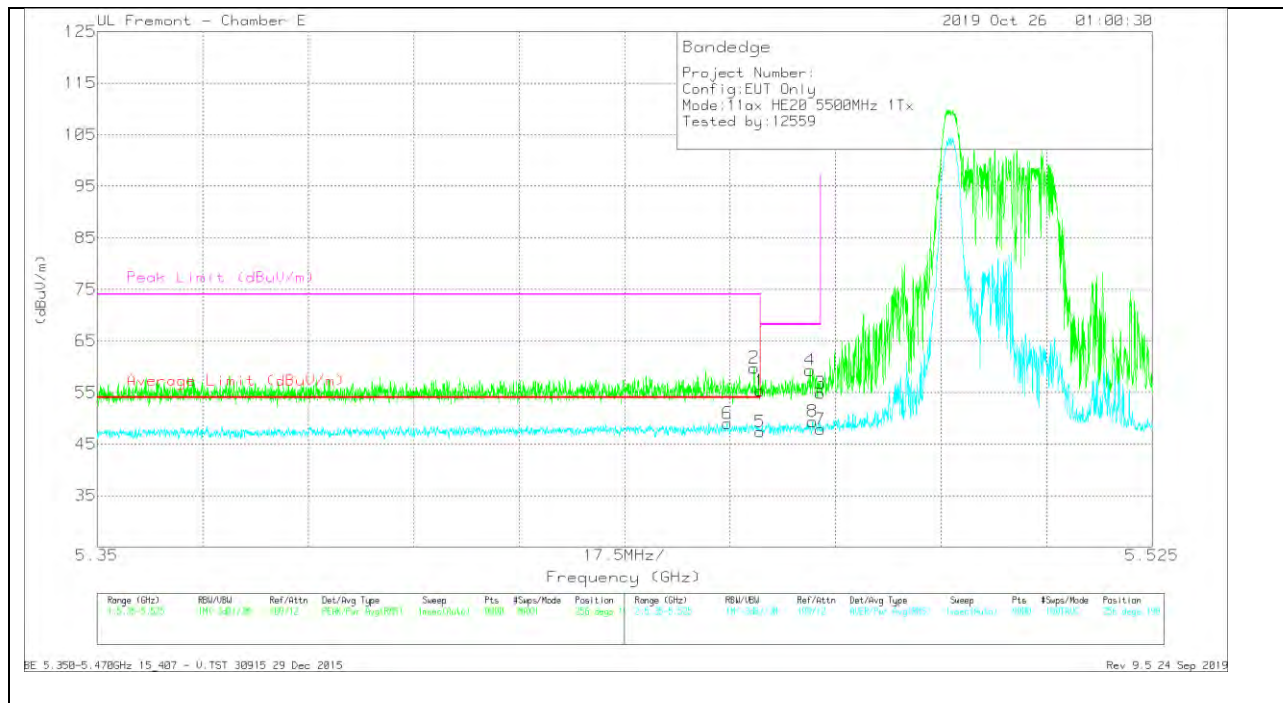
Pk - Peak detector

RMS - RMS detection

BE 5.350-5.470GHz 15_407 - H.TST 30915 29 Dec 2015

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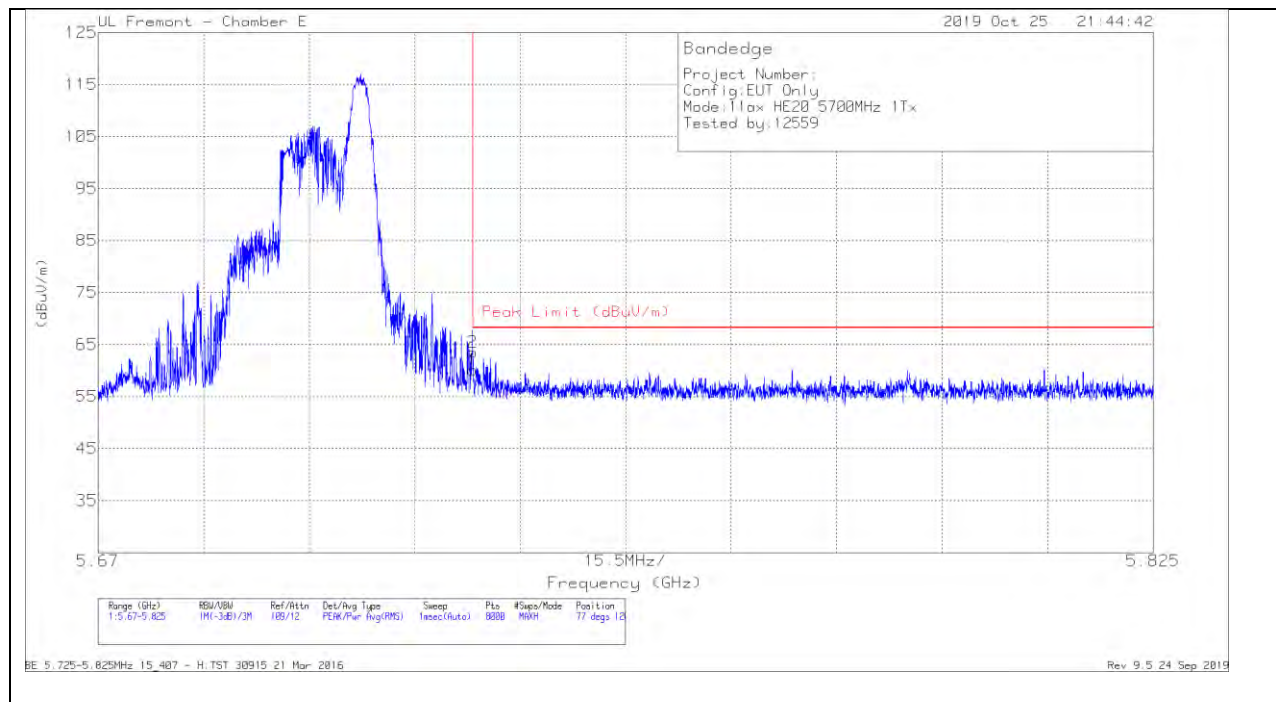
VERTICAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T119 (dB/m)	Amp/Cbl/Filtr/Pad (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 5.45998	37.85	Pk	34.6	-17.1	55.35	-	-	74	-18.65	256	198	V
2	* 5.45897	42.27	Pk	34.6	-17.1	59.77	-	-	74	-14.23	256	198	V
5	* 5.45998	29.88	RMS	34.6	-17.1	47.38	54	-6.62	-	-	256	198	V
6	* 5.45453	31.51	RMS	34.6	-17.1	49.01	54	-4.99	-	-	256	198	V
4	5.46825	41.82	Pk	34.6	-17.1	59.32	-	-	68.2	-8.88	256	198	V
8	5.46867	31.9	RMS	34.6	-17.1	49.4	-	-	-	-	256	198	V
3	5.46998	37.39	Pk	34.6	-17.1	54.89	-	-	68.2	-13.31	256	198	V
7	5.46998	30.36	RMS	34.6	-17.1	47.86	-	-	-	-	256	198	V

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

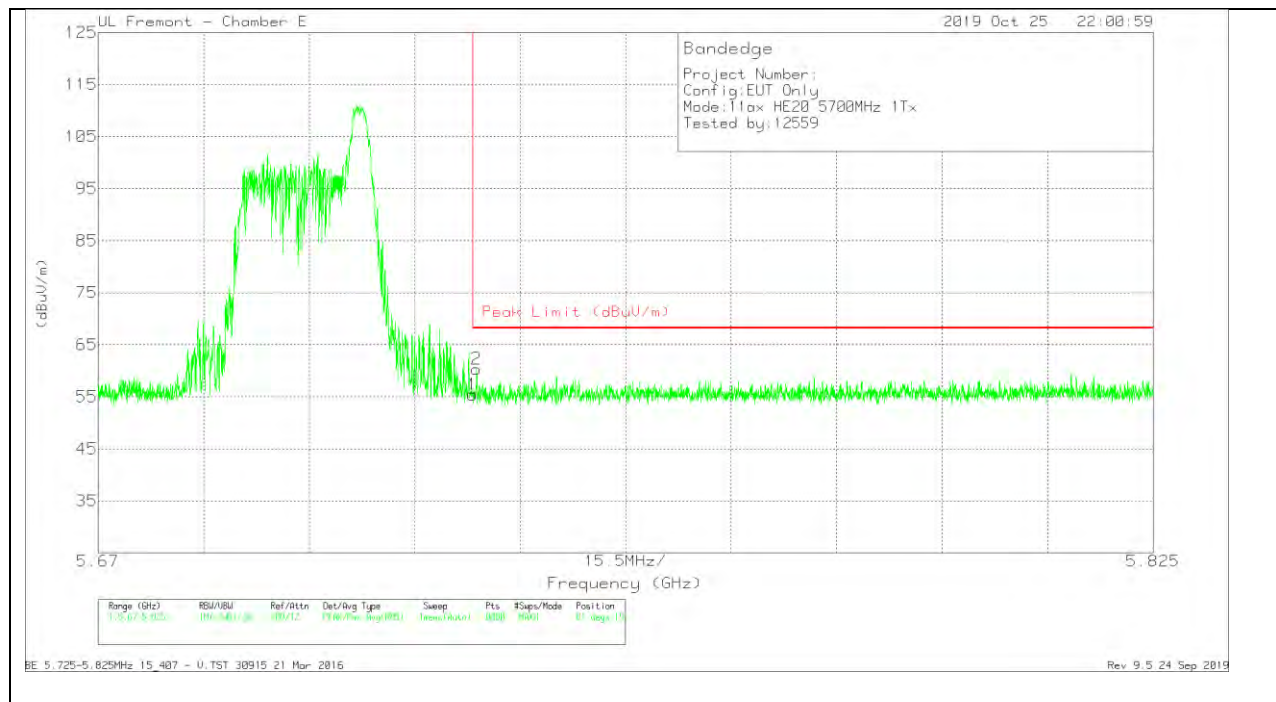
BE 5.350-5.470GHz 15_407 - V.TST 30915 29 Dec 2015
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BANEDGE (HIGH CHANNEL)**HORIZONTAL RESULT**

Pk - Peak detector

BE 5.725-5.825MHz 15_407 - H.TST 30915 21 Mar 2016

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BANDEDGE (HIGH CHANNEL)**VERTICAL RESULT**

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T119 (dB/m)	Amp/Cbl/Filtr/Pad (dB)	Corrected Reading (dBuV/m)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.72501	37.74	Pk	34.8	-17.1	55.44	68.2	-12.76	81	193	V
2	5.72559	42.74	Pk	34.7	-17.1	60.34	68.2	-7.86	81	193	V

Pk - Peak detector

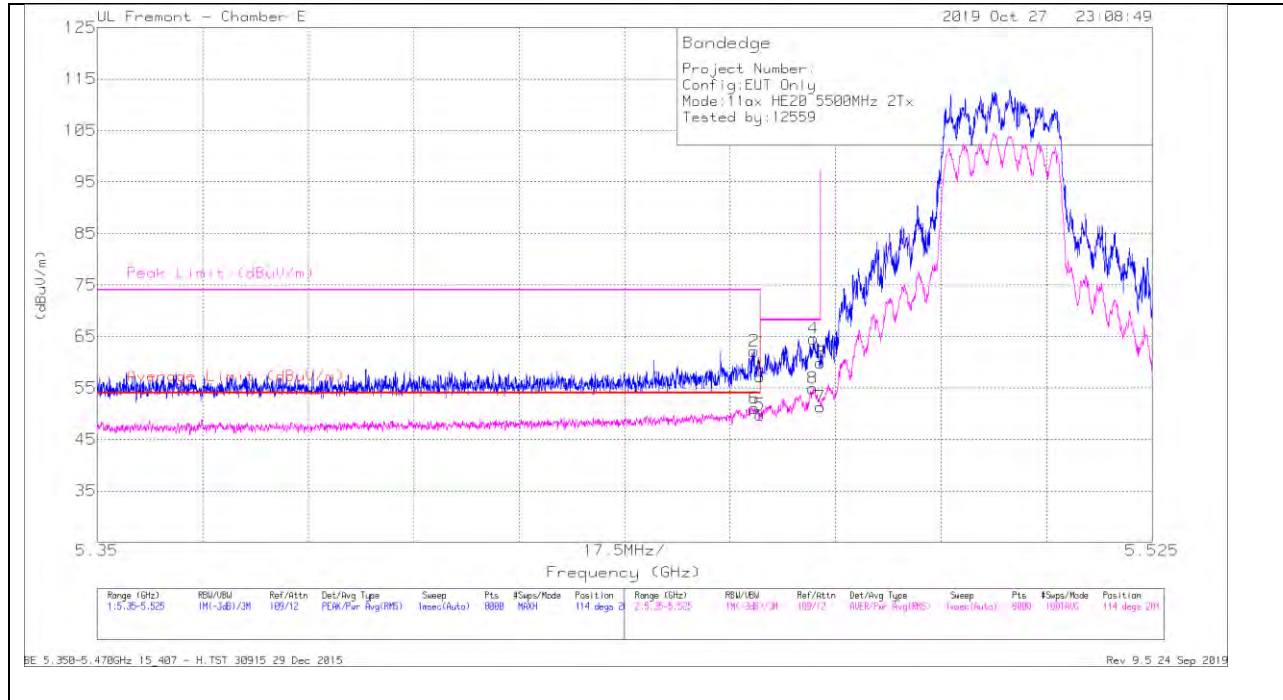
BE 5.725-5.825MHz 15_407 - V.TST 30915 21 Mar 2016

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2TX LAT3 + UAT2 OFDMA MODE – 242 Tones, RU Index 61

BANDEDGE (LOW CHANNEL)

HORIZONTAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T119 (dBm)	Amp/Cbl/Filtr/Pad (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 5.45998	39.71	Pk	34.6	-17.1	57.21	-	-	74	-16.79	114	201	H
2	* 5.45897	44.63	Pk	34.6	-17.1	62.13	-	-	74	-11.87	114	201	H
5	* 5.45998	32.26	RMS	34.6	-17.1	49.76	54	-4.24	-	-	114	201	H
6	* 5.459	33.57	RMS	34.6	-17.1	51.07	54	-2.93	-	-	114	201	H
8	5.46873	37.42	RMS	34.6	-17.1	54.92	-	-	-	-	114	201	H
4	5.46884	47.07	Pk	34.6	-17.1	64.57	-	-	68.2	-3.63	114	201	H
3	5.46998	42.41	Pk	34.6	-17.1	59.91	-	-	68.2	-8.29	114	201	H
7	5.46998	33.79	RMS	34.6	-17.1	51.29	-	-	-	-	114	201	H

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

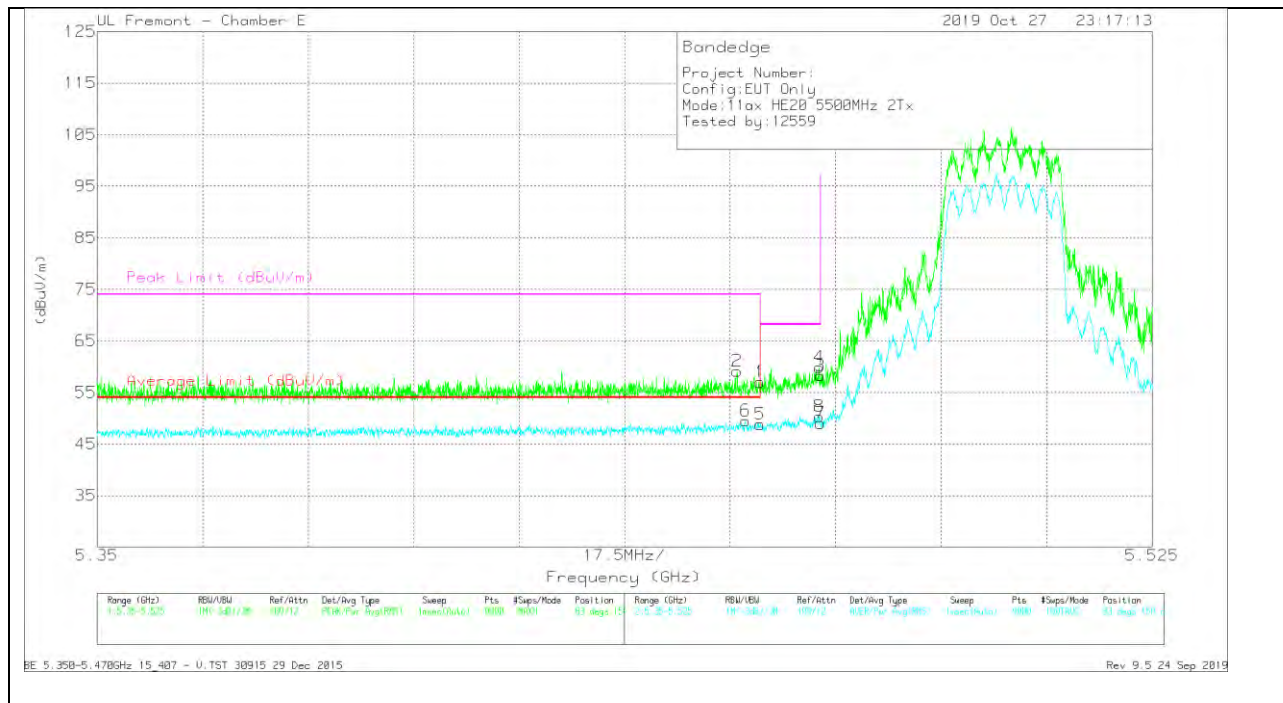
Pk - Peak detector

RMS - RMS detection

BE 5.350-5.470GHz 15_407 - H.TST 30915 29 Dec 2015

Rev 9.5 24 Sep 2019

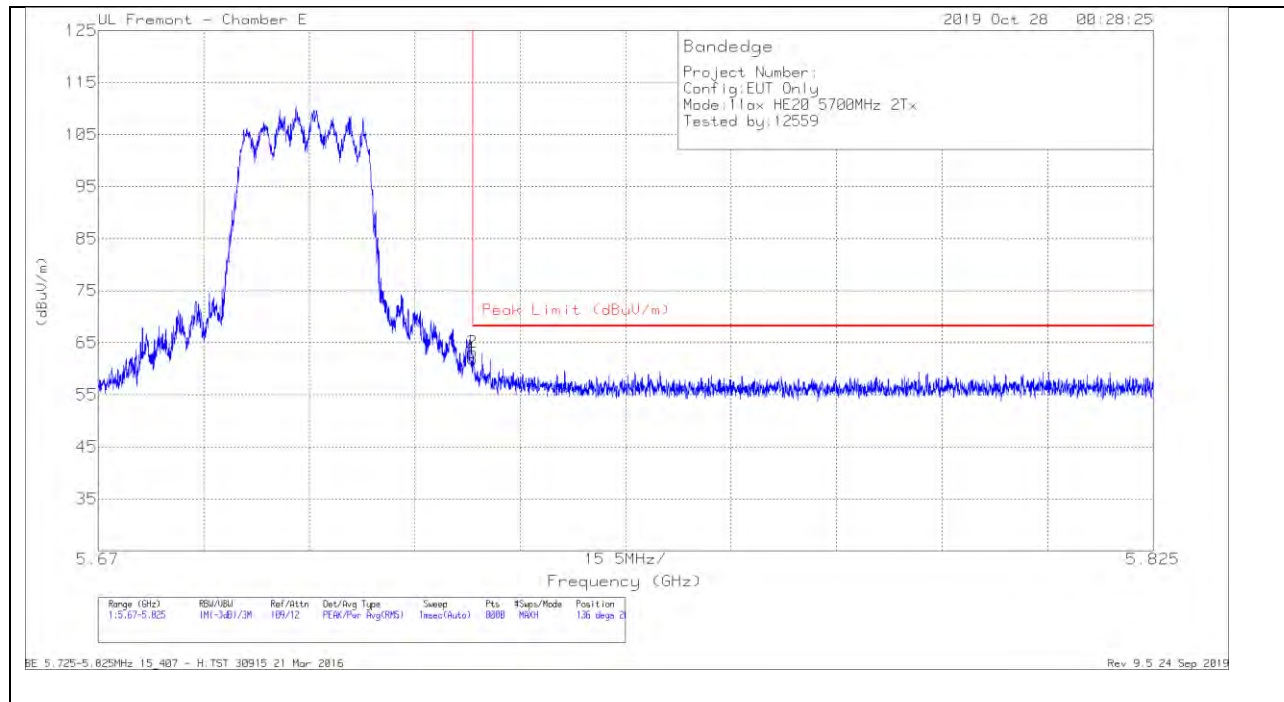
VERTICAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T119 (dB/m)	Amp/Cbl/Filtr/Pad (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Dogs)	Height (cm)	Polarity
1	* 5.45998	39.5	Pk	34.6	-17.1	57	-	-	74	-17	83	158	V
2	* 5.45615	41.67	Pk	34.6	-17.1	59.17	-	-	74	-14.83	83	158	V
5	* 5.45998	31.31	RMS	34.6	-17.1	48.81	54	-5.19	-	-	83	158	V
6	* 5.45755	32.02	RMS	34.6	-17.1	49.52	54	-4.48	-	-	83	158	V
4	5.46974	42.37	Pk	34.6	-17.1	59.87	-	-	68.2	-8.33	83	158	V
8	5.46978	32.87	RMS	34.6	-17.1	50.37	-	-	-	-	83	158	V
3	5.46998	40.74	Pk	34.6	-17.1	58.24	-	-	68.2	-9.96	83	158	V
7	5.46998	31.56	RMS	34.6	-17.1	49.06	-	-	-	-	83	158	V

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

BE 5.350-5.470GHz 15_407 - V.TST 30915 29 Dec 2015
Rev 9.5 24 Sep 2019

BANEDGE (HIGH CHANNEL)**HORIZONTAL RESULT**

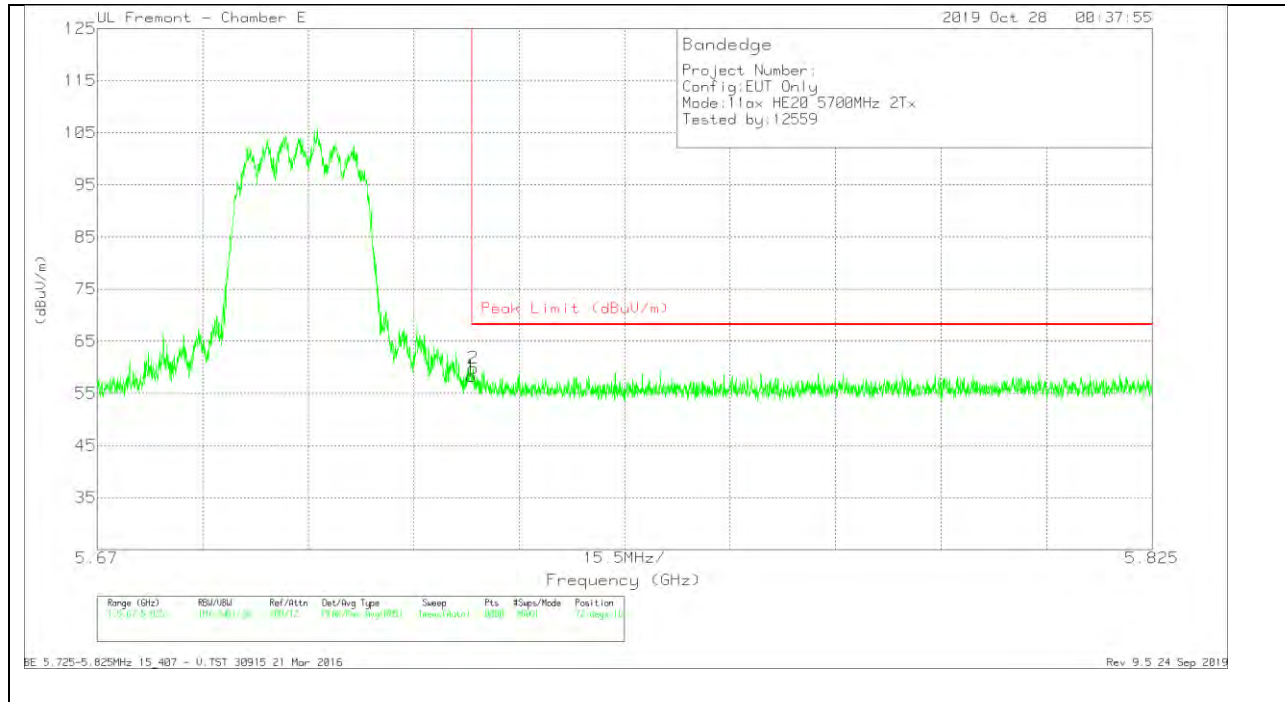
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T119 (dB/m)	Amp/Cbl/Filtr/Pad (dB)	Corrected Reading (dBuV/m)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.72501	44.22	Pk	34.8	-17.1	61.92	68.2	-6.28	136	205	H
2	5.72505	45.47	Pk	34.8	-17.1	63.17	68.2	-5.03	136	205	H

Pk - Peak detector

BE 5.725-5.825MHz 15_407 - H.TST 30915 21 Mar 2016

Rev 9.5 24 Sep 2019

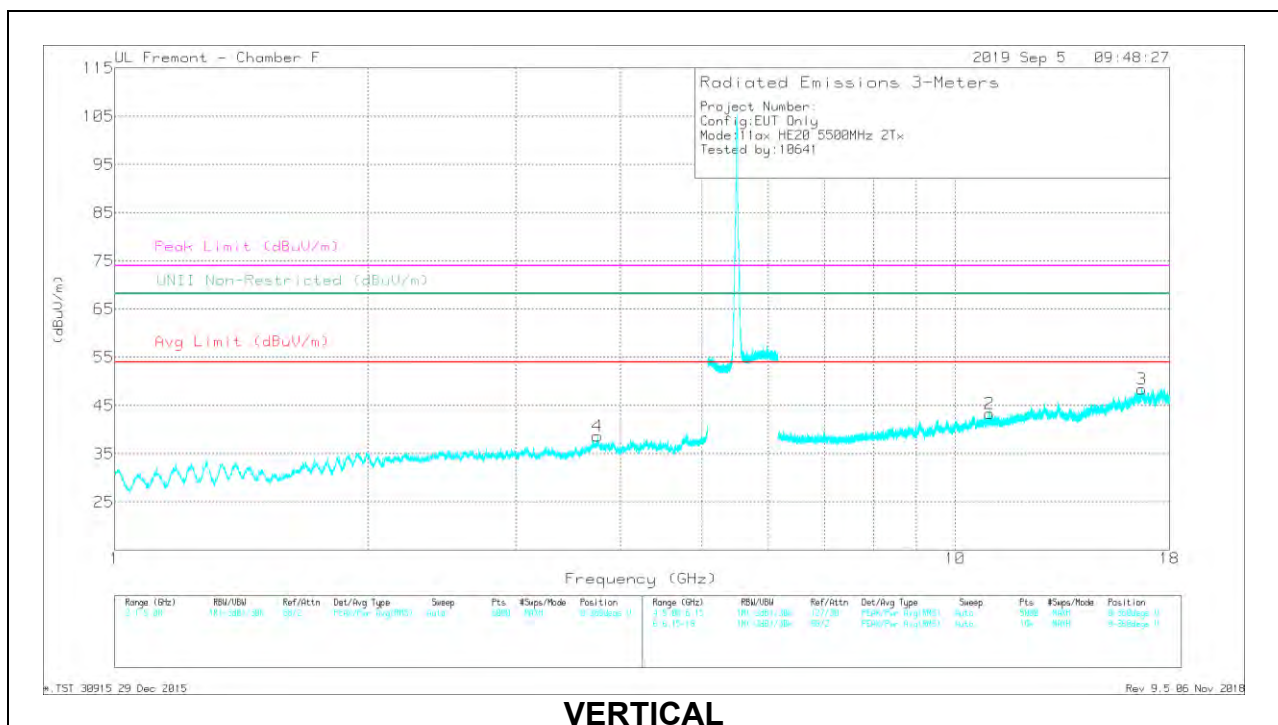
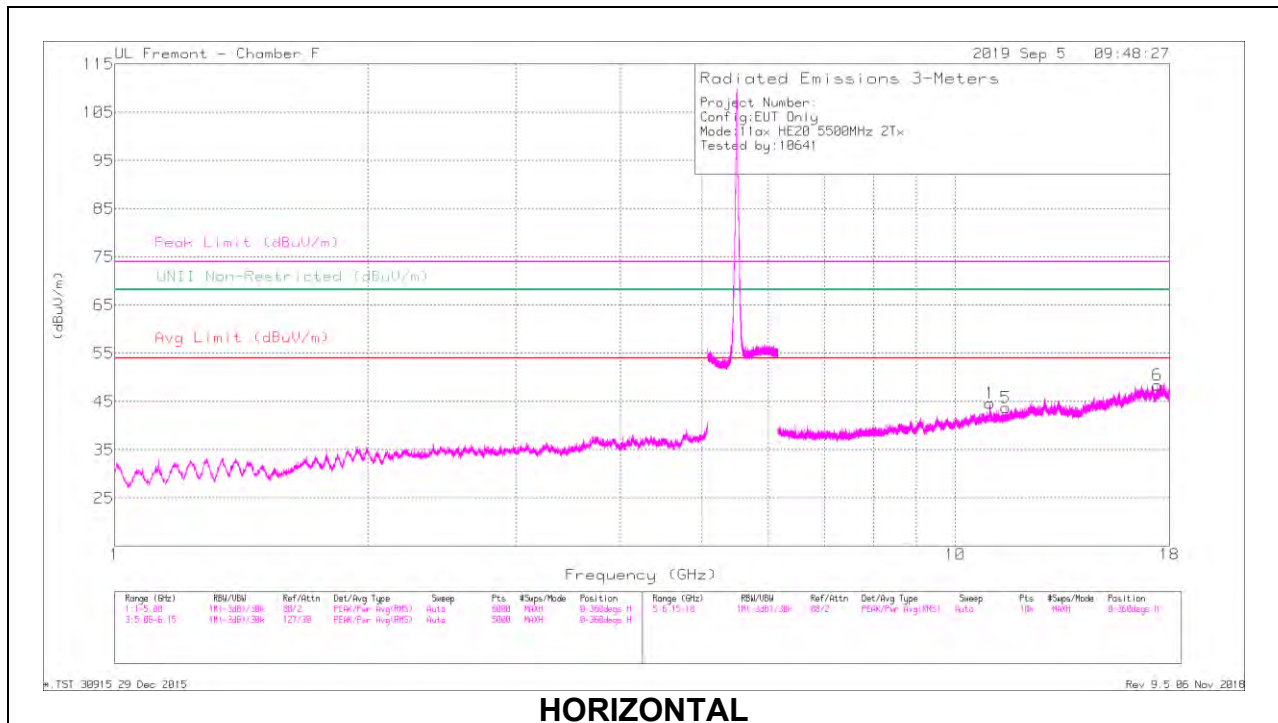
VERTICAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T119 (dB/m)	Amp/Cbl/Fitr/Pad (dB)	Corrected Reading (dBuV/m)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.72501	40.55	Pk	34.8	-17.1	58.25	68.2	-9.95	72	161	V
2	5.72526	42.16	Pk	34.8	-17.1	59.86	68.2	-8.34	72	161	V

Pk - Peak detector

BE 5.725-5.825MHz 15_407 - V.TST 30915 21 Mar 2016
Rev 9.5 24 Sep 2019

HARMONICS AND SPURIOUS EMISSIONS**LOW CHANNEL RESULTS**

RADIATED EMISSIONS

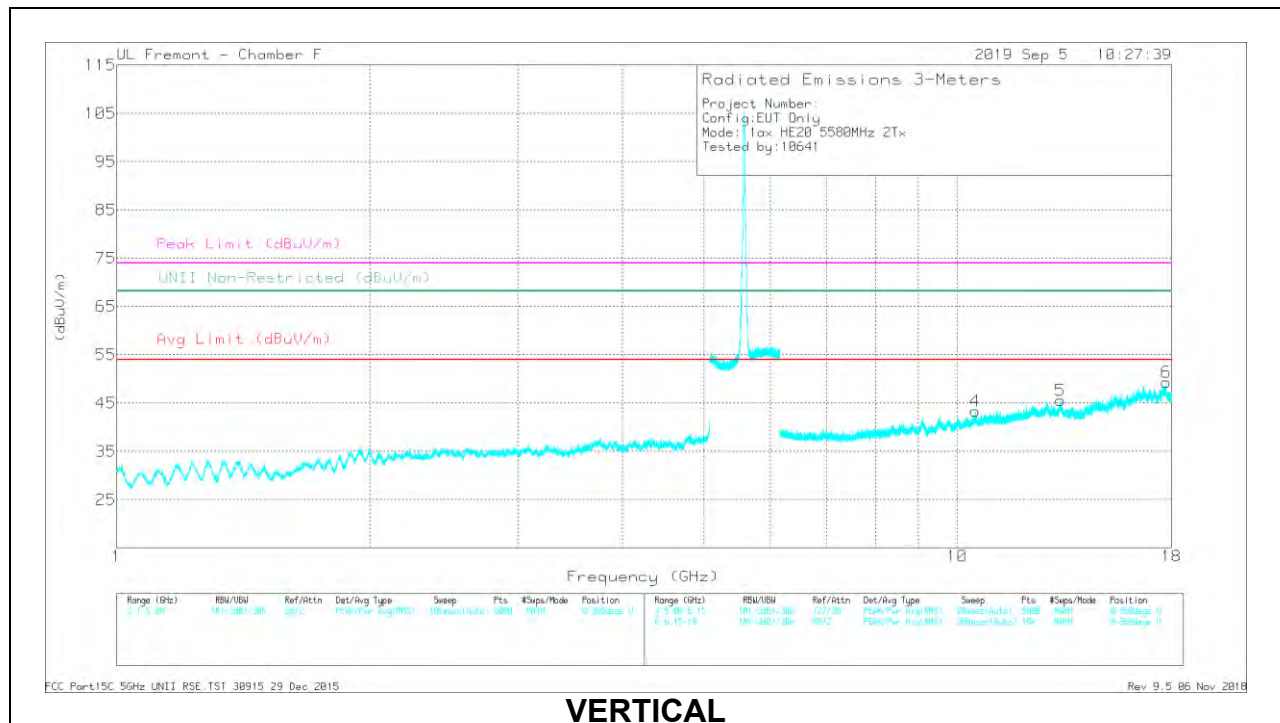
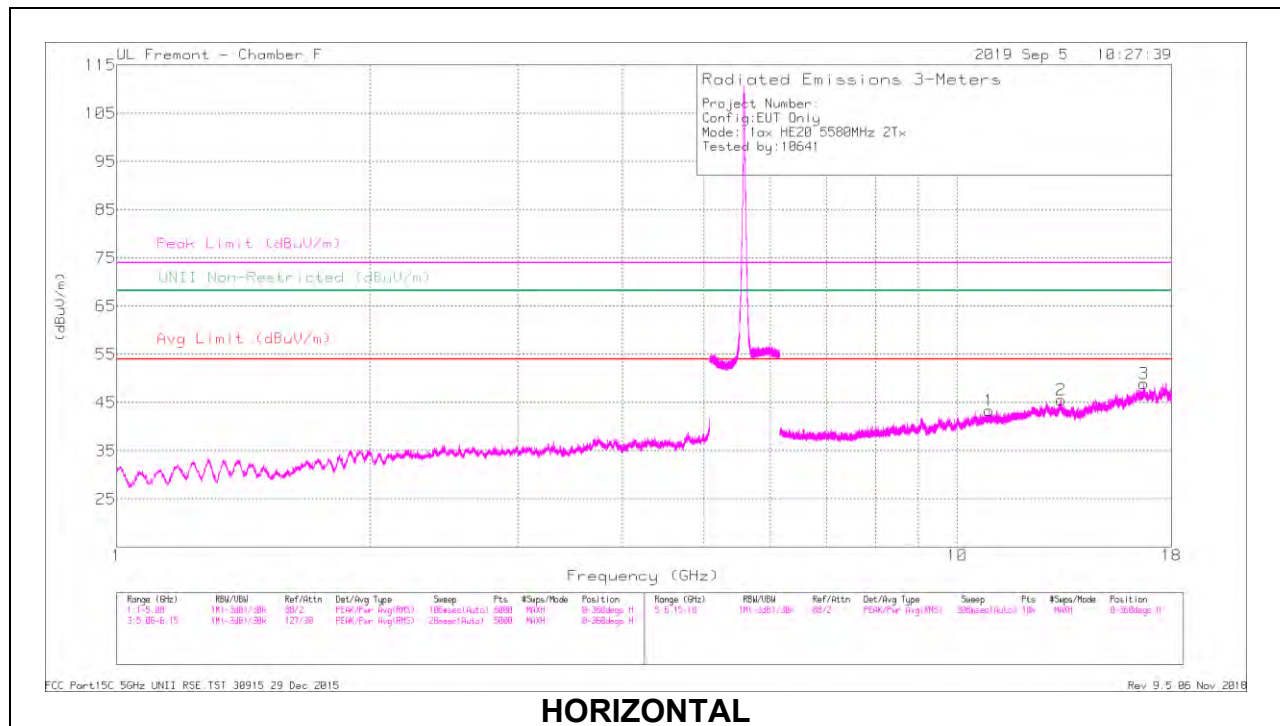
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T345 (dB/m)	Amp/Cbl/Ftr/Fad (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
4	* 3.754	53.93	PK-U	33.4	-43.4	43.93	-	-	74	-30.07	-	-	52	114	V
	* 3.757	42.94	ADR	33.4	-43.4	32.94	54	-21.06	-	-	-	-	52	114	V
1	* 10.991	52.85	PK-U	37.9	-38.2	52.55	-	-	74	-21.45	-	-	0	120	H
	* 11.001	41.26	ADR	38	-38.5	40.76	54	-13.24	-	-	-	-	0	120	H
5	* 11.499	50.39	PK-U	38.2	-38.8	49.79	-	-	74	-24.21	-	-	115	134	H
	* 11.498	39.06	ADR	38.2	-38.8	38.46	54	-15.54	-	-	-	-	115	134	H
6	17.408	50.17	PK-U	41.5	-37.7	53.97	-	-	-	-	68.2	-14.23	133	400	H
2	* 10.999	51.81	PK-U	38	-38.4	51.41	-	-	74	-22.59	-	-	29	100	V
	* 11.001	40.55	ADR	38	-38.5	40.05	54	-13.95	-	-	-	-	29	100	V
3	16.684	49.87	PK-U	41.9	-36.8	54.97	-	-	-	-	68.2	-13.23	185	358	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 T345 (dB/m)	Amp/Cbl/Ftr/Pa d (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	* 10.922	50.11	PK-U	38	-38.5	49.61	-	-	74	-24.39	-	-	315	121	H
	* 10.923	39.12	ADR	38	-38.5	38.62	54	-15.38	-	-	-	-	315	121	H
2	* 13.3	50.68	PK-U	39.3	-38	51.98	-	-	74	-22.02	-	-	278	143	H
	* 13.299	39.22	ADR	39.3	-38	40.52	54	-13.48	-	-	-	-	278	143	H
5	* 13.282	50.33	PK-U	39.3	-38	51.63	-	-	74	-22.37	-	-	225	158	V
	* 13.281	39.35	ADR	39.3	-38	40.65	54	-13.35	-	-	-	-	225	158	V
6	* 17.741	50.85	PK-U	41.6	-36.7	55.75	-	-	74	-18.25	-	-	203	177	V
	* 17.742	39.74	ADR	41.5	-36.7	44.54	54	-9.46	-	-	-	-	203	177	V
4	* 10.521	49.35	PK-U	37.7	-38.6	48.45	-	-	-	-	68.2	-19.75	192	186	V
3	16.689	48.36	PK-U	41.9	-36.9	53.36	-	-	74	-20.64	-	-	125	241	

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

PK-U - U-NII: Maximum Peak

ADR - U-NII AD primary method, RMS average

RADIATED EMISSIONS

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T345 (dBm)	Amp/Cbl/Ftr/Pa d (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
3	* 3.267	55.07	PK-U	32.8	-43.8	44.07	-	-	74	-29.93	-	-	317	116	H
	* 3.266	43.17	ADR	32.8	-43.8	32.17	54	-21.83	-	-	-	-	317	116	H
1	* 11.396	52.24	PK-U	38.1	-38.8	51.54	-	-	74	-22.46	-	-	265	135	H
	* 11.396	40.67	ADR	38.1	-38.8	39.97	54	-14.03	-	-	-	-	265	135	H
2	12.803	50.67	PK-U	39.3	-38.1	51.87	-	-	-	-	68.2	-16.33	176	175	H
4	* 9.083	51.13	PK-U	36.3	-38.8	48.63	-	-	74	-25.37	-	-	207	125	V
	* 9.085	40.03	ADR	36.3	-38.8	37.53	54	-16.47	-	-	-	-	207	125	V
5	* 15.937	49.88	PK-U	40.5	-37.2	53.18	-	-	74	-20.82	-	-	232	148	V
	* 15.935	39.09	ADR	40.5	-37.3	42.29	54	-11.71	-	-	-	-	232	148	V
6	* 17.739	50.23	PK-U	41.5	-36.7	55.03	-	-	74	-18.97	-	-	197	155	V
	* 17.738	39.72	ADR	41.5	-36.7	44.52	54	-9.48	-	-	-	-	197	155	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

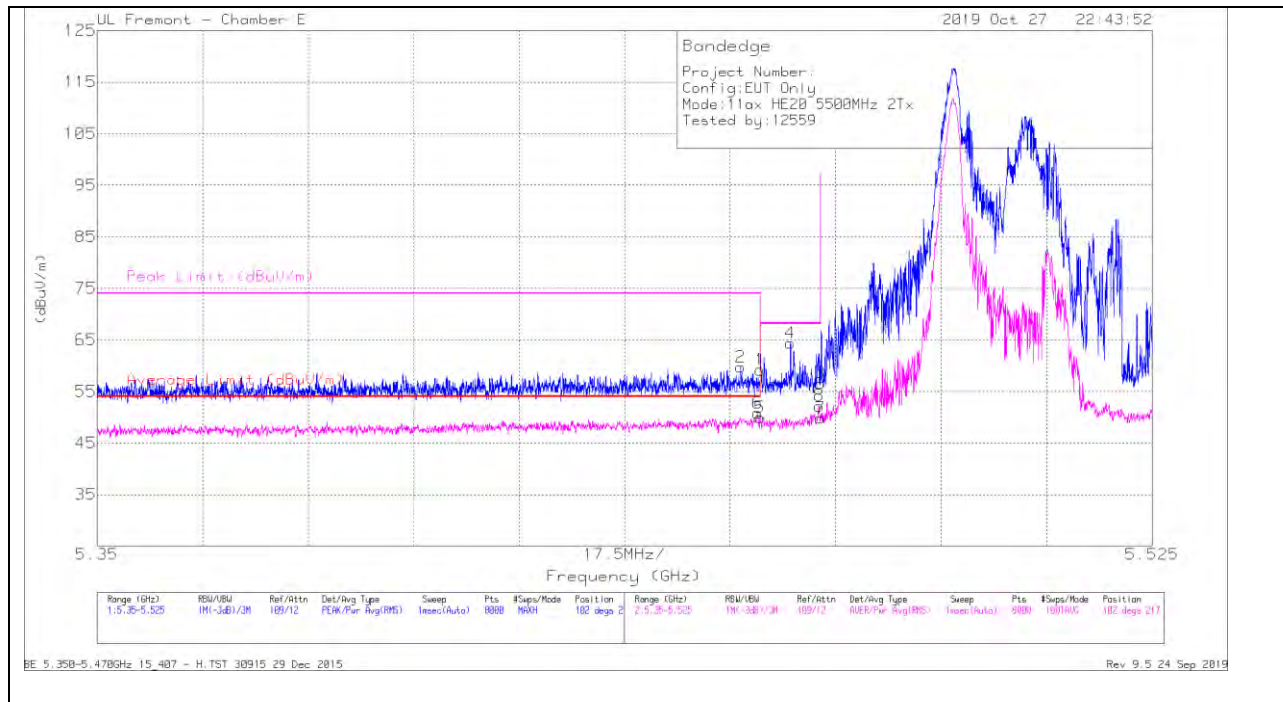
RADIATED EMISSIONS

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T345 (dB/m)	Amp/Cbl/Ftr/Fa d (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
3	* 3.742	53.82	PK-U	33.3	-43.5	43.62	-	-	74	-30.38	-	-	119	146	H
	* 3.741	42.88	ADR	33.3	-43.6	32.58	54	-21.42	-	-	-	-	119	146	H
5	* 4.793	54.48	PK-U	34.1	-44	44.58	-	-	74	-29.42	-	-	98	138	V
	* 4.793	42.71	ADR	34.1	-44	32.81	54	-21.19	-	-	-	-	98	138	V
2	* 11.442	52.63	PK-U	38.2	-38.8	52.03	-	-	74	-21.97	-	-	142	113	H
	* 11.44	40.26	ADR	38.1	-38.7	39.66	54	-14.34	-	-	-	-	142	113	H
4	17.568	50.15	PK-U	41.5	-36.5	55.15	-	-	-	-	68.2	-13.05	103	167	H
1	* 11.443	52.74	PK-U	38.2	-38.8	52.14	-	-	74	-21.86	-	-	173	298	V
	* 11.444	40.69	ADR	38.2	-38.8	40.09	54	-13.91	-	-	-	-	173	298	V
6	* 9.093	51.63	PK-U	36.3	-38.5	49.43	-	-	74	-24.57	-	-	118	124	V
	* 9.091	39.65	ADR	36.3	-38.5	37.45	54	-16.55	-	-	-	-	118	124	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

BANDEDGE (LOW CHANNEL)**HORIZONTAL RESULT**

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T119 (dB/m)	Amp/Cbl/Filtr/Pad (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 5.45998	41.69	Pk	34.6	-17.1	59.19	-	-	74	-14.81	102	217	H
2	* 5.45672	42.23	Pk	34.6	-17.1	59.73	-	-	74	-14.27	102	217	H
5	* 5.45998	32.47	RMS	34.6	-17.1	49.97	54	-4.03	-	-	102	217	H
6	* 5.45952	33.29	RMS	34.6	-17.1	50.79	54	-3.21	-	-	102	217	H
4	5.46499	46.96	Pk	34.5	-17.1	64.36	-	-	68.2	-3.84	102	217	H
8	5.46976	34.71	RMS	34.6	-17.1	52.21	-	-	-	-	102	217	H
3	5.46998	39.12	Pk	34.6	-17.1	56.62	-	-	68.2	-11.58	102	217	H
7	5.46998	32.35	RMS	34.6	-17.1	49.65	-	-	-	-	102	217	H

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

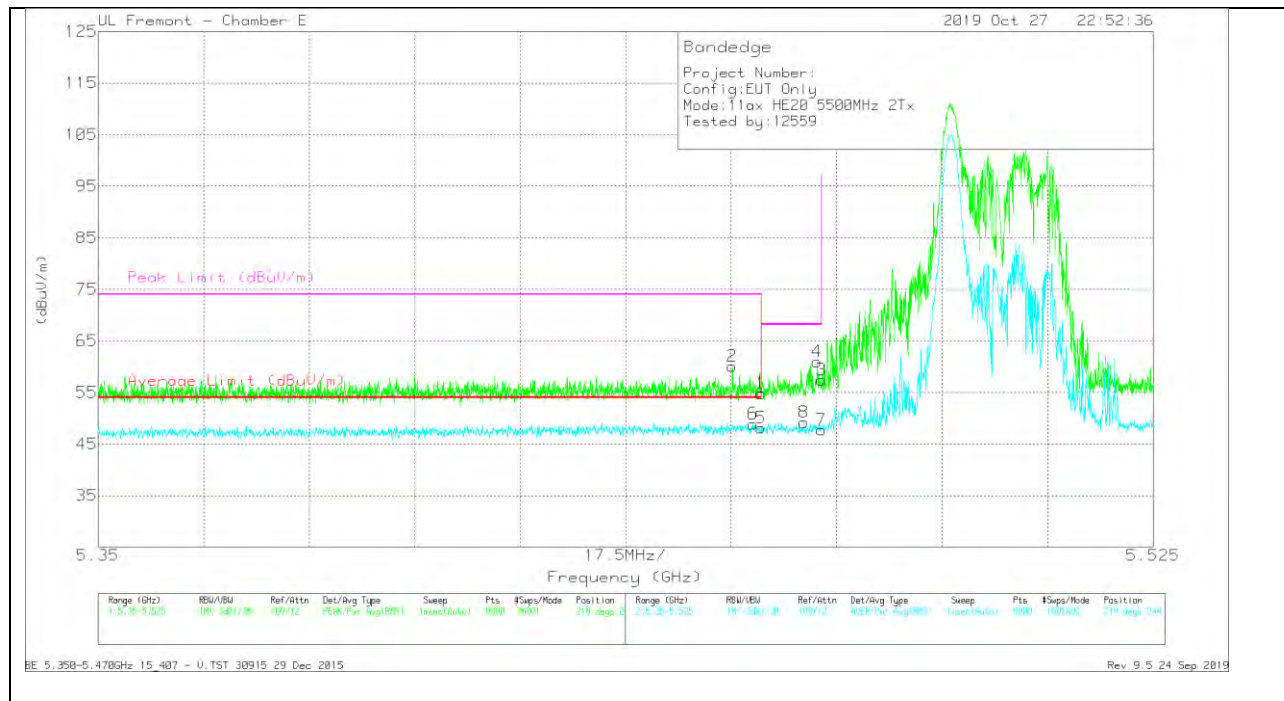
Pk - Peak detector

RMS - RMS detection

BE 5.350-5.470GHz 15_407 - H.TST 30915 29 Dec 2015

Rev 9.5 24 Sep 2019

VERTICAL RESULT



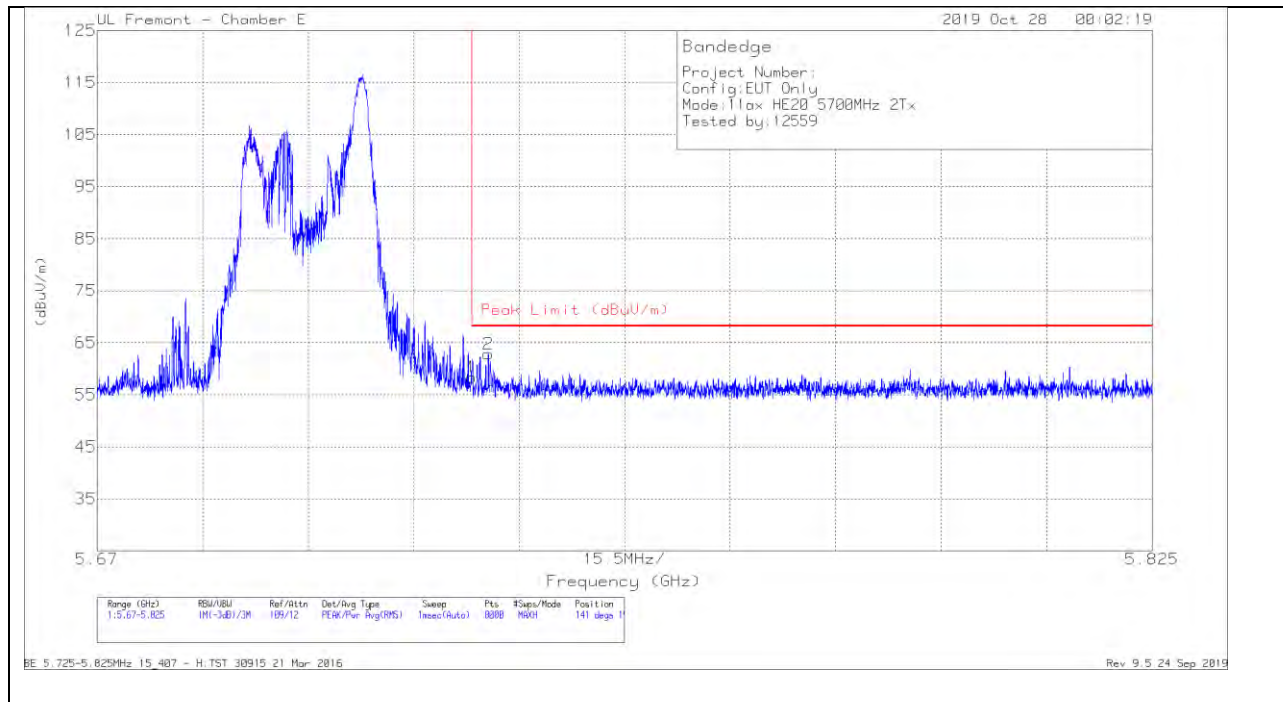
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T119 (dB/m)	Ampl/Cbl/Filtr/Pad (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 5.45998	37.3	Pk	34.6	-17.1	54.8	-	-	74	-19.2	218	244	V
2	* 5.45519	42.57	Pk	34.6	-17.1	60.07	-	-	74	-13.93	218	244	V
5	* 5.45998	30.64	RMS	34.6	-17.1	48.14	54	-5.86	-	-	218	244	V
6	* 5.45862	31.41	RMS	34.6	-17.1	48.91	54	-5.09	-	-	218	244	V
8	5.46705	31.79	RMS	34.5	-17.1	49.19	-	-	-	-	218	244	V
4	5.46926	43.47	Pk	34.6	-17.1	60.97	-	-	68.2	-7.23	218	244	V
3	5.46998	39.93	Pk	34.6	-17.1	57.43	-	-	68.2	-10.77	218	244	V
7	5.46998	30.26	RMS	34.6	-17.1	47.76	-	-	-	-	218	244	V

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

BE 5.350-5.470GHz 15_407 - V.TST 30915 29 Dec 2015
Rev 9.5 24 Sep 2019

BANDEDGE (HIGH CHANNEL)

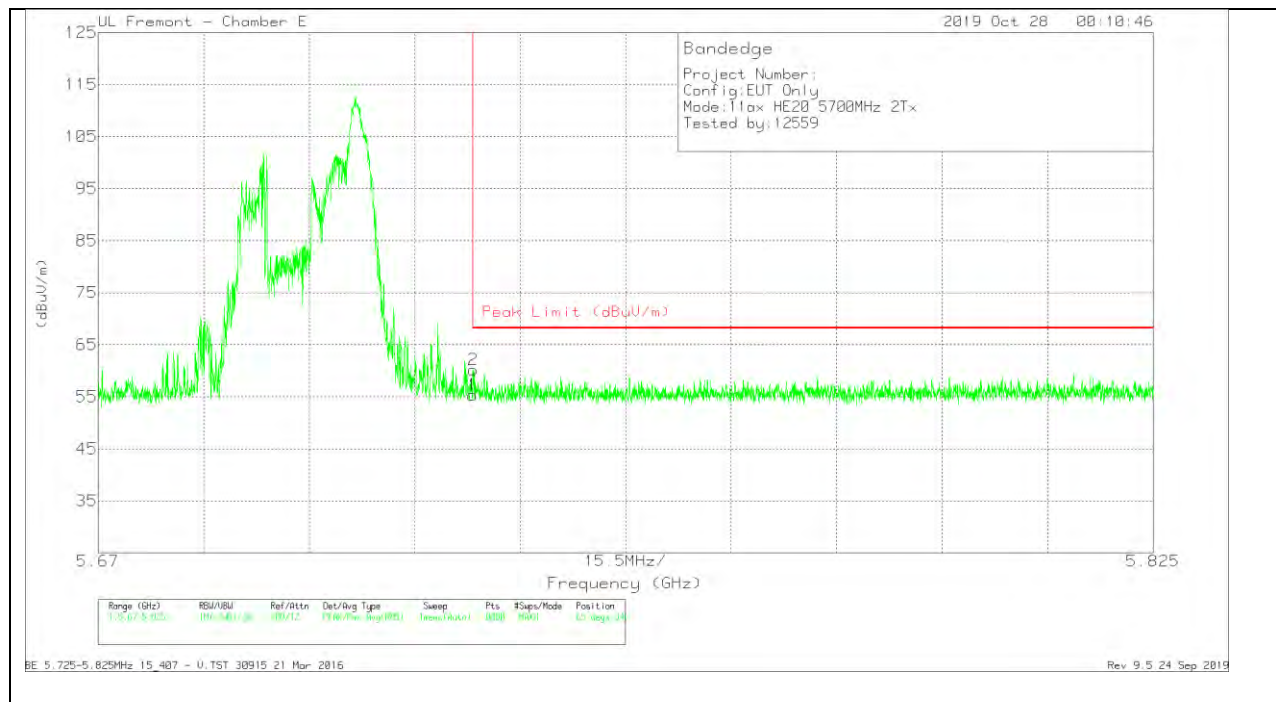
HORIZONTAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T119 (dB/m)	Amp/Cbl/Fitr/Pad (dB)	Corrected Reading (dBuV/m)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.72501	40.69	Pk	34.8	-17.1	58.39	68.2	-9.81	141	196	H
2	5.72747	45.14	Pk	34.8	-17.1	62.84	68.2	-5.36	141	196	H

Pk - Peak detector

BE 5.725-5.825MHz 15_407 - H.TST 30915 21 Mar 2016
Rev 9.5 24 Sep 2019

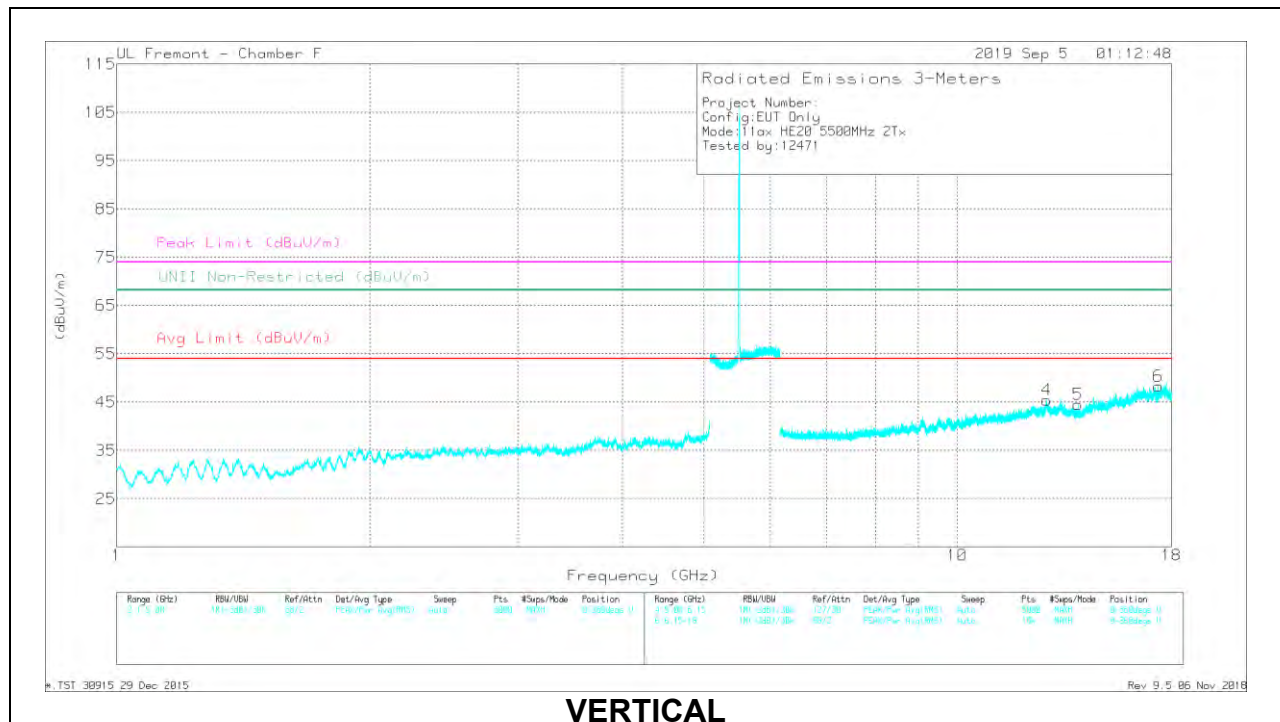
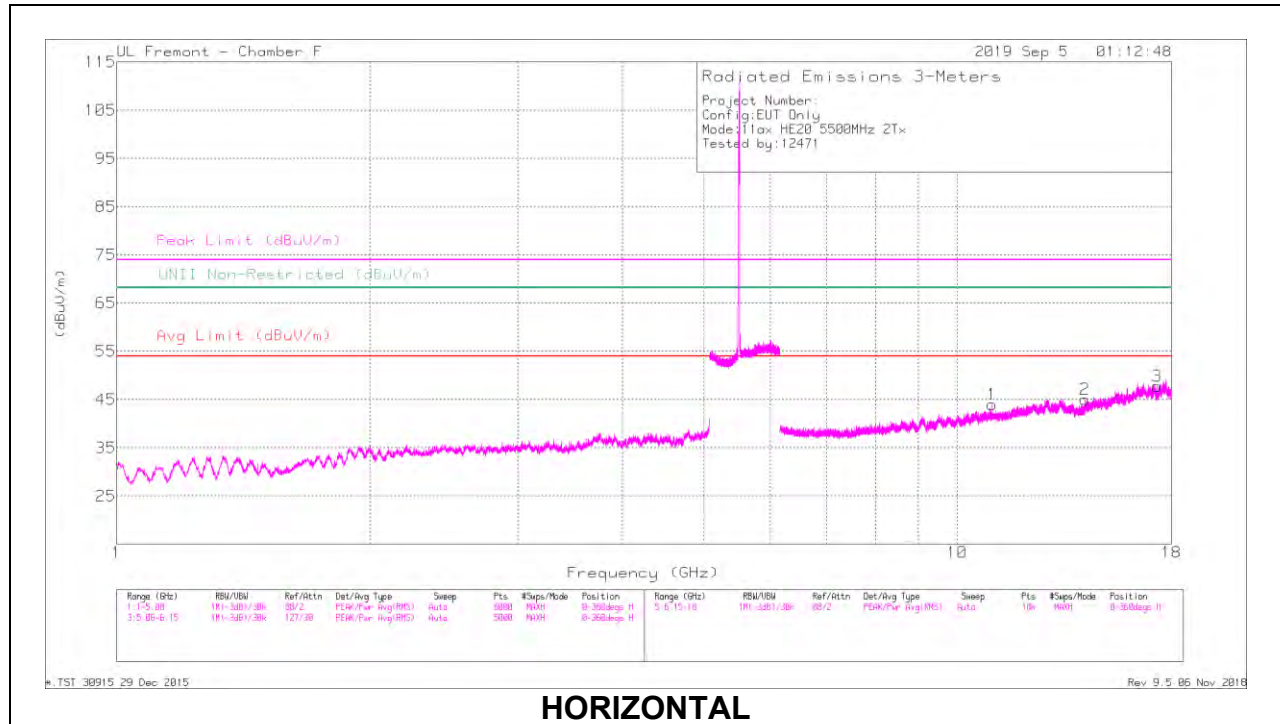
BANDEDGE (HIGH CHANNEL)**VERTICAL RESULT**

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T119 (dB/m)	Amp/Cbl/Filtr/Pad (dB)	Corrected Reading (dBuV/m)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.72501	37.66	Pk	34.8	-17.1	55.36	68.2	-12.84	65	340	V
2	5.72509	42.51	Pk	34.8	-17.1	60.21	68.2	-7.99	65	340	V

Pk - Peak detector

BE 5.725-5.825MHz 15_407 - V.TST 30915 21 Mar 2016

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HARMONICS AND SPURIOUS EMISSIONS**LOW CHANNEL RESULTS**

RADIATED EMISSIONS

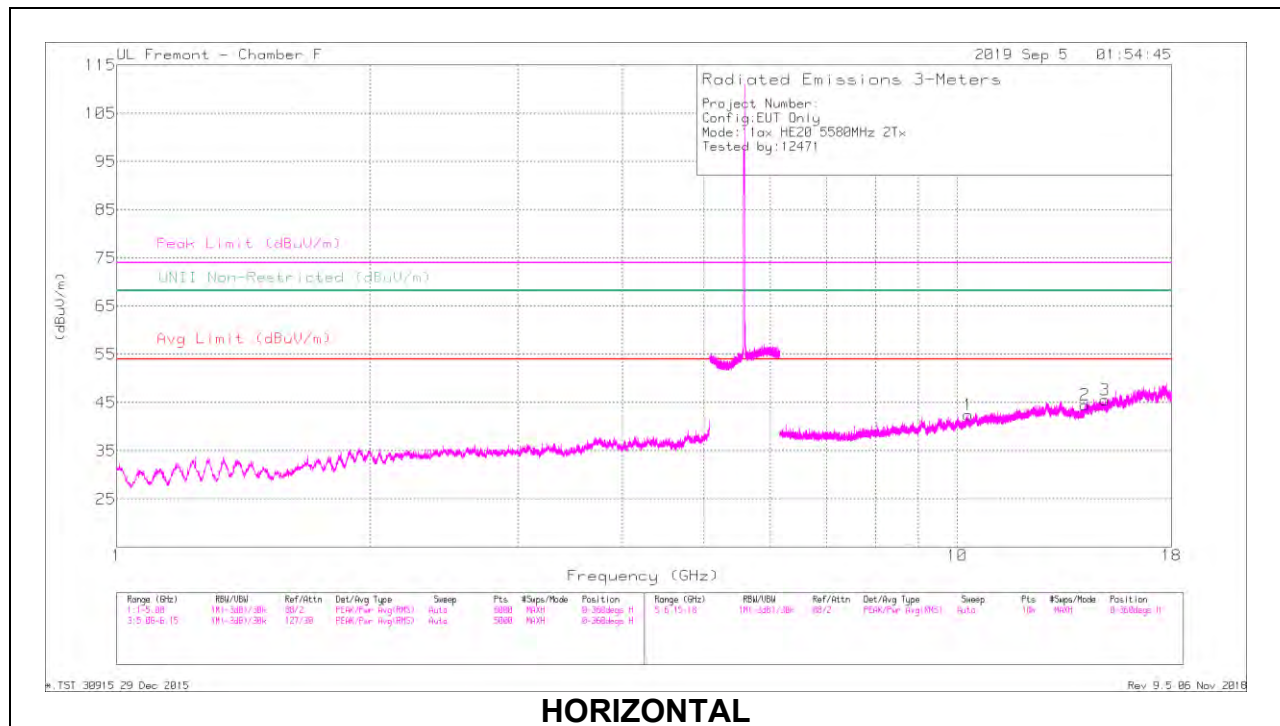
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T345 (dBm)	Amp/Cbl/Fitr/Pad (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 11.016	52.84	PK-U	38	-38.7	52.14	-	-	74	-21.86	-	-	176	184	H
	* 11.017	41.94	ADR	38	-38.7	41.24	54	-12.76	-	-	-	-	176	184	H
2	14.199	50.15	PK-U	38.8	-38.3	50.65	-	-	-	-	68.2	-17.55	147	202	H
3	17.305	51.4	PK-U	41.3	-38.6	54.1	-	-	-	-	68.2	-14.1	245	175	H
4	12.778	50.63	PK-U	39.2	-38	51.83	-	-	-	-	68.2	-16.37	96	283	V
5	13.926	50.33	PK-U	38.5	-38.7	50.13	-	-	-	-	68.2	-18.07	281	245	V
6	17.375	50.82	PK-U	41.4	-38.2	54.02	-	-	-	-	68.2	-14.18	303	179	V

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

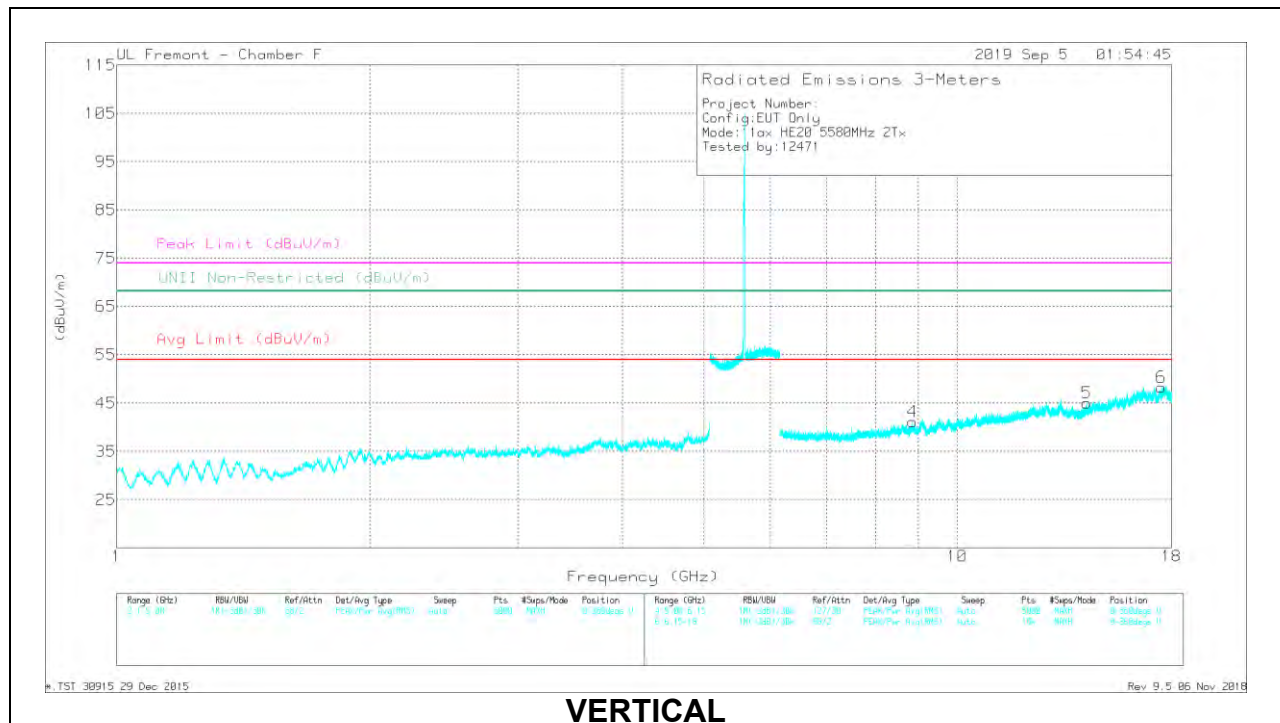
PK-U - U-NII: Maximum Peak

ADR - U-NII AD primary method, RMS average

MID CHANNEL RESULTS



HORIZONTAL



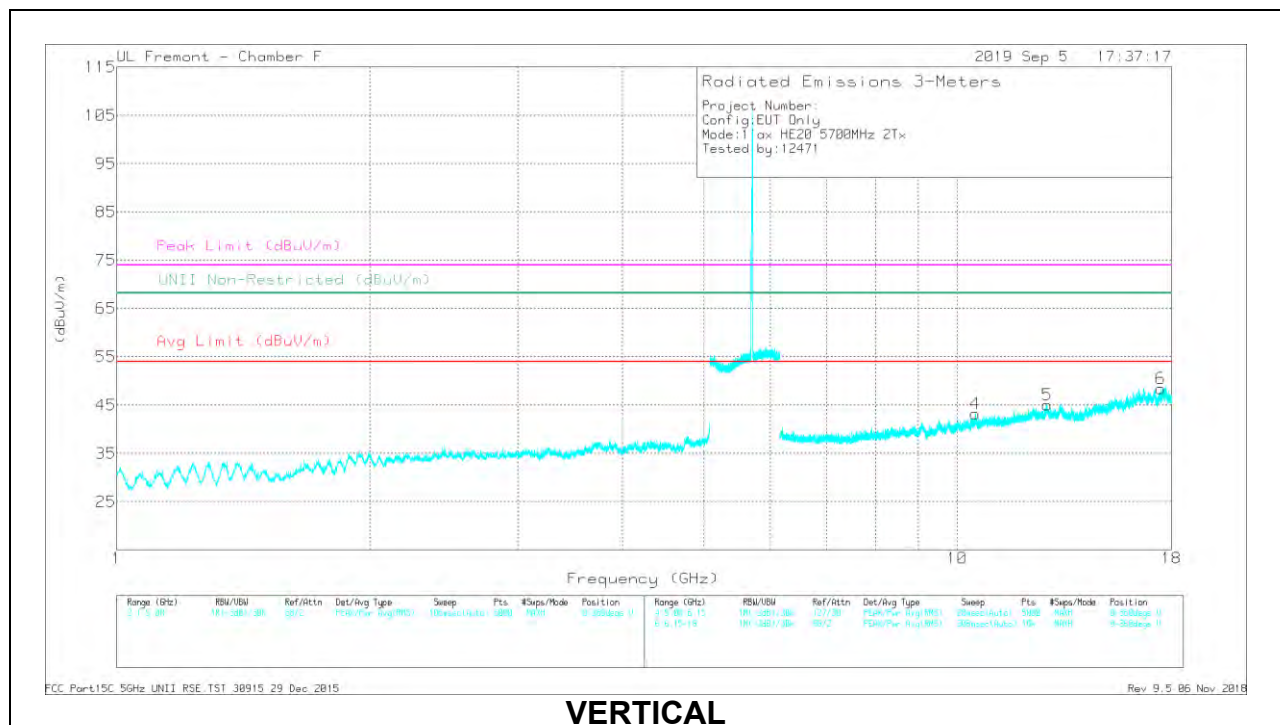
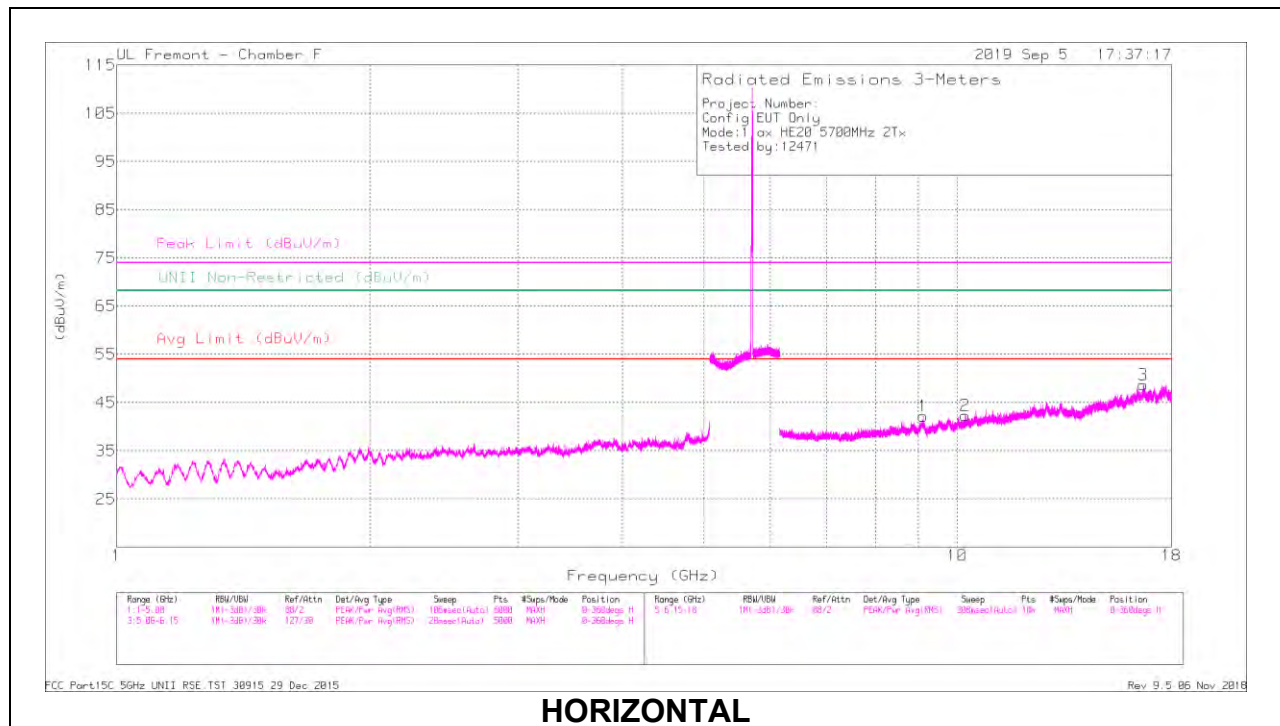
VERTICAL

RADIATED EMISSIONS

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T345 (dBm)	Amp/Cbl/Ftr/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	10.321	49.79	PK-U	37.4	-38.7	48.49	-	-	-	-	68.2	-19.71	71	115	H
2	14.203	50.86	PK-U	38.8	-38.3	51.36	-	-	-	-	68.2	-16.84	145	207	H
3	15.002	50.5	PK-U	39.6	-38.3	51.8	-	-	-	-	68.2	-16.4	113	142	H
4	8.856	50.03	PK-U	36.1	-39	47.13	-	-	-	-	68.2	-21.07	254	303	V
5	14.279	50.35	PK-U	39	-38.1	51.25	-	-	-	-	68.2	-16.95	323	144	V
6	17.518	50.84	PK-U	41.5	-38	54.34	-	-	-	-	68.2	-13.86	167	201	V

PK-U - U-NII: Maximum Peak

HIGH CHANNEL RESULTS



RADIATED EMISSIONS

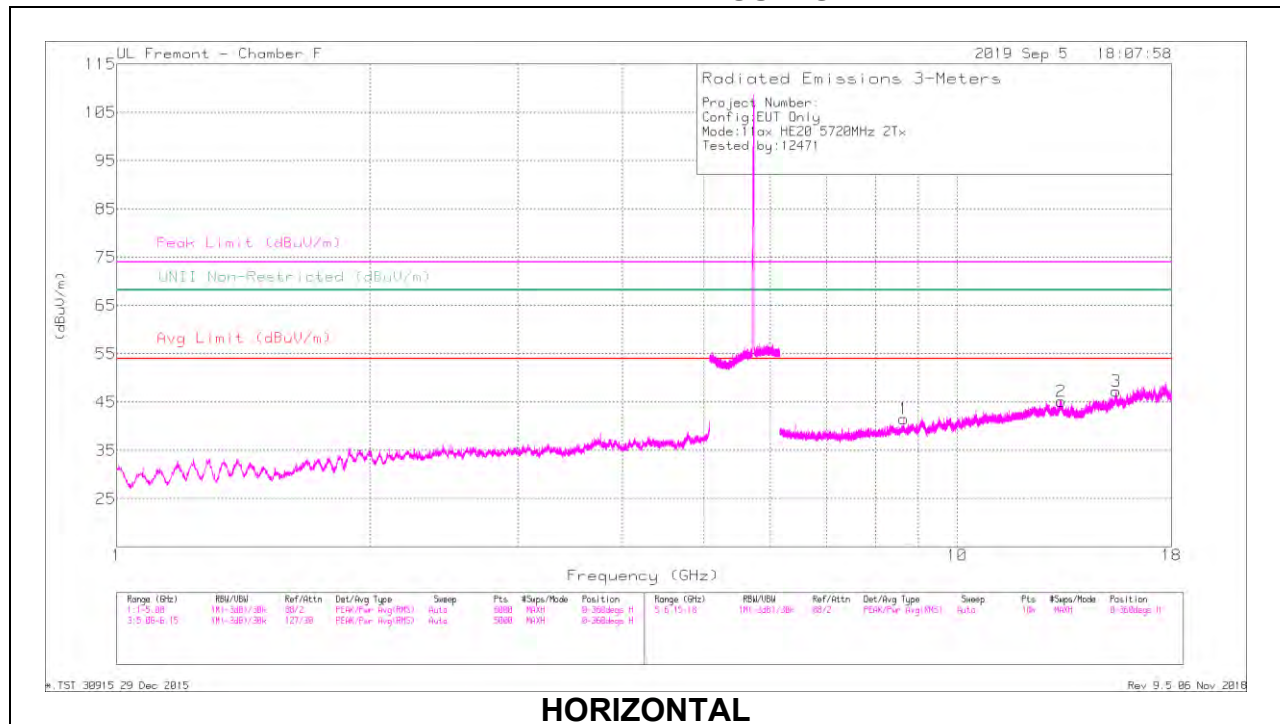
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T345 (dBm)	Amp/Cbl/Fitr/Pad (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 9.115	51.15	PK-U	36.3	-39.1	48.35	-	-	74	-25.65	-	-	89	204	H
	* 9.114	39.25	ADR	36.3	-39.1	36.45	54	-17.55	-	-	-	-	89	204	H
2	10.223	50.72	PK-U	37.2	-39.7	48.22	-	-	-	-	68.2	-19.98	166	147	H
3	16.671	50.43	PK-U	41.8	-36.9	55.33	-	-	-	-	68.2	-12.87	40	198	H
4	10.511	50.46	PK-U	37.8	-38.8	49.46	-	-	-	-	68.2	-18.74	298	201	V
5	12.816	50.23	PK-U	39.2	-38.4	51.03	-	-	-	-	68.2	-17.17	176	265	V
6	17.469	50.72	PK-U	41.5	-37.5	54.72	-	-	-	-	68.2	-13.48	55	127	V

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

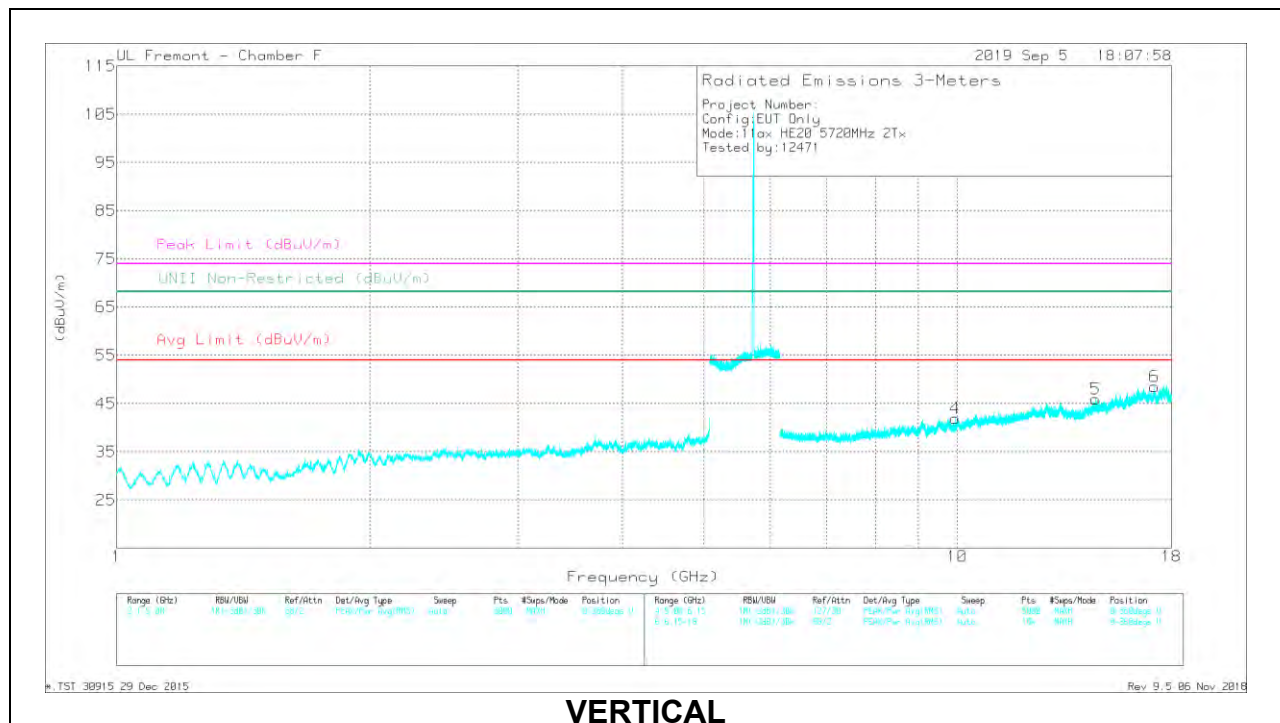
PK-U - U-NII: Maximum Peak

ADR - U-NII AD primary method, RMS average

CHANNEL 144 RESULTS



HORIZONTAL



VERTICAL

RADIATED EMISSIONS

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T345 (dBm)	Amp/Cbl/Filtr/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
2	* 13.313	50.88	PK-U	39.3	-38.1	52.08	-	-	74	-21.92	-	-	56	157	H
	* 13.313	38.68	ADR	39.3	-38.1	39.88	54	-14.12	-	-	-	-	287	205	H
3	* 15.466	50.79	PK-U	40.3	-38.1	52.99	-	-	74	-21.01	-	-	98	298	H
	* 15.464	39.58	ADR	40.4	-38.1	41.88	54	-12.12	-	-	-	-	305	176	H
1	8.648	49.74	PK-U	36	-38.9	46.84	-	-	-	-	68.2	-21.36	213	303	H
	9.96	51.15	PK-U	36.9	-40	48.05	-	-	-	-	68.2	-20.15	147	127	V
4	14.617	50.43	PK-U	39.6	-38.6	51.43	-	-	-	-	68.2	-16.77	37	166	V
6	17.184	50.27	PK-U	41.3	-36.7	54.87	-	-	-	-	68.2	-13.33	65	249	V

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

PK-U - U-NII: Maximum Peak

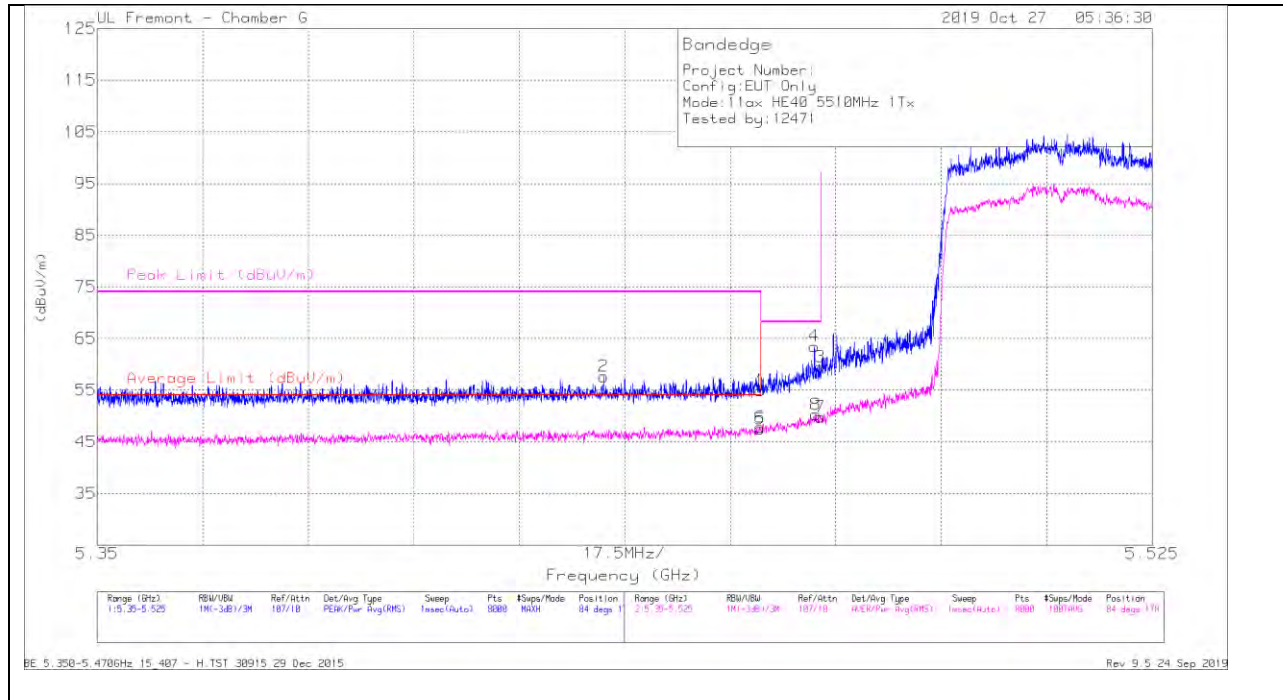
ADR - U-NII AD primary method, RMS average

1.1.17. TX ABOVE 1 GHz 802.11ax HE40 MODE IN THE 5.6 GHz BAND

1TX LAT3 – 484 Tones, RU Index 65

BANDEDGE (LOW CHANNEL)

HORIZONTAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T136 (dB/m)	Ampl/Cbl/Fitr/Pad (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 5.45998	40.41	Pk	34.7	-20.2	54.91	-	-	74	-19.09	84	178	H
2	* 5.43399	43.05	Pk	34.7	-20.1	57.65	-	-	74	-16.35	84	178	H
5	* 5.45998	32.96	RMS	34.7	-20.2	47.46	54	-6.54	-	-	84	178	H
6	* 5.45994	33.33	RMS	34.7	-20.2	47.83	54	-6.17	-	-	84	178	H
4	5.46895	48.97	Pk	34.7	-20.2	63.47	-	-	68.2	-4.73	84	178	H
8	5.46917	35.76	RMS	34.7	-20.2	50.26	-	-	-	-	84	178	H
3	5.46998	45.02	Pk	34.7	-20.2	59.52	-	-	68.2	-8.68	84	178	H
7	5.46998	35.26	RMS	34.7	-20.2	49.76	-	-	-	-	84	178	H

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

Pk - Peak detector

RMS - RMS detection

BE 5.350-5.470GHz 15_407 - H.TST 30915 29 Dec 2015

Rev 9.5 24 Sep 2019

UL Fremont - Chamber G

2019 Oct 27 05:43:07

Bandedge
Project Number:
Config: EUT Only
Mode: 11ax HE40 5510MHz 1Tx
Tested by: 12471

Peak Limit (dBuV/m)

Average Limit (dBuV/m)

Frequency (GHz)

17.5MHz/

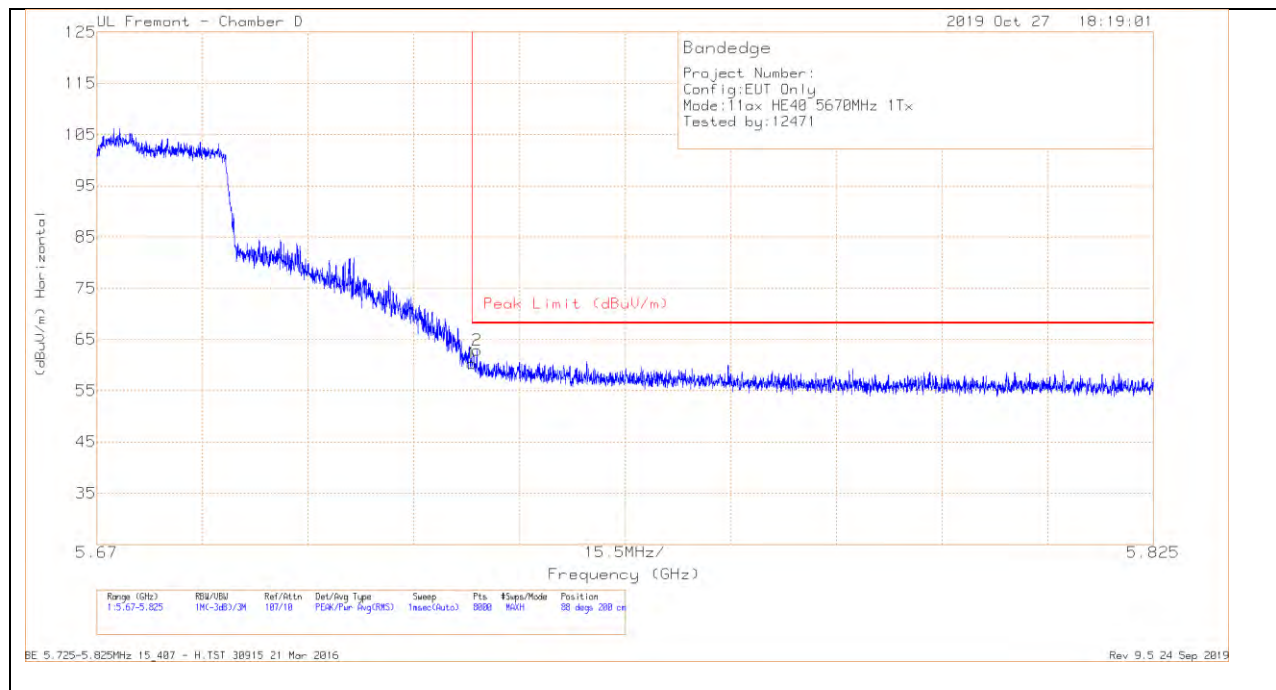
Range (GHz)	RBW/VBW	Ref/Attn	Det/Avg Type	Sweep	Pts	#Seps/Mode	Position	Range (GHz)	RBW/VBW	Ref/Attn	Det/Avg Type	Sweep	Pts	#Seps/Mode	Position
1.520-5.525	1Hz-3.0Hz/3K	107/10	PK/Pk/Avg	Fast/Normal	3000	1000	1000	2.0-5.525	1Hz-3.0Hz/3K	107/10	PK/Pk/Avg	Fast/Normal	3000	1000	1000

BE 5.350-5.470GHz 15.407 - U.TST 30915 29 Dec 2015

Rev 9.5 24 Sep 2019

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T136 (dBm)	Amp/CbI/Ftr/Pad (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 5.45998	39.93	PK	34.7	-20.2	54.33	-	-	74	-19.67	315	131	V
2	* 5.40316	42.74	PK	34.6	-20.2	57.24	-	-	74	-16.76	315	131	V
5	* 5.45998	31.96	RMS	34.7	-20.2	46.46	54	-7.54	-	-	315	131	V
6	* 5.44572	32.77	RMS	34.6	-20.1	47.27	54	-6.73	-	-	315	131	V
8	5.46919	33.58	RMS	34.7	-20.2	48.08	-	-	-	-	315	131	V
4	5.46987	42.89	PK	34.7	-20.2	57.39	-	-	68.2	-10.81	315	131	V
3	5.46998	41.19	PK	34.7	-20.2	55.69	-	-	68.2	-12.51	315	131	V
7	5.46998	32.71	RMS	34.7	-20.2	47.21	-	-	-	-	315	131	V

BE 5.350-5.470GHz 15_407 - V.TST 30915 29 Dec 2015
Rev 9.5 24 Sep 2019

BANDEDGE (HIGH CHANNEL)**HORIZONTAL RESULT**

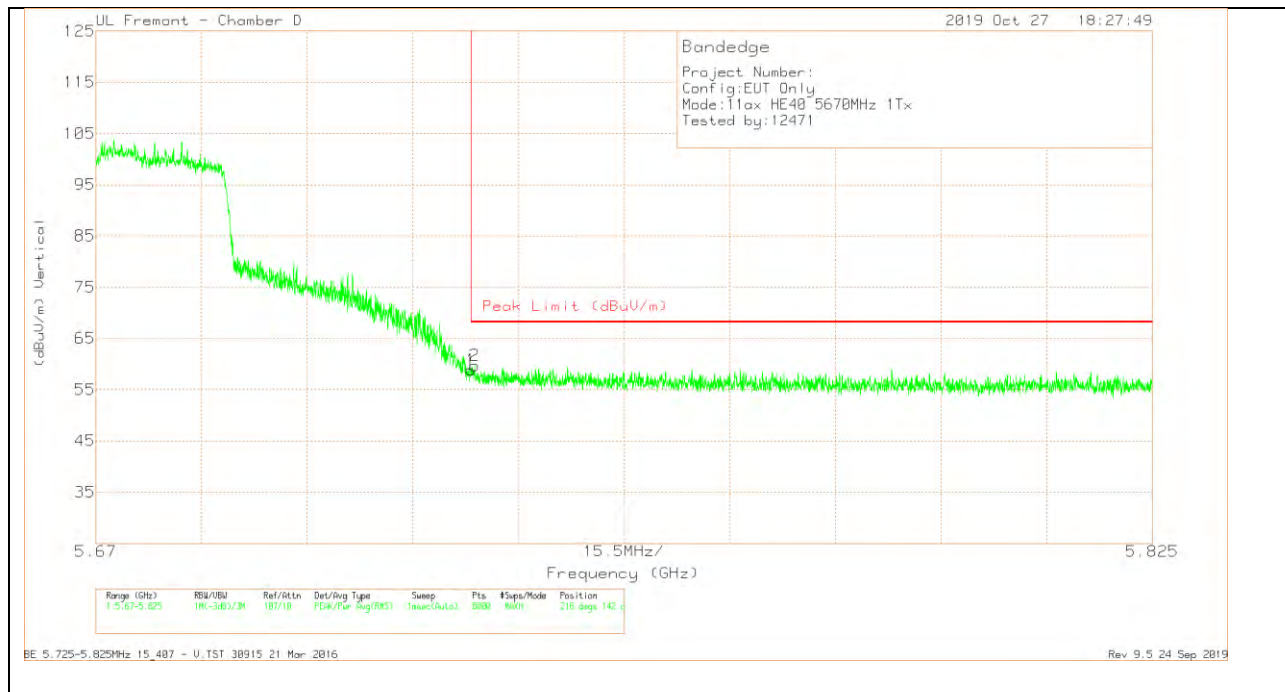
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T712 (dB/m)	Amp/Cbl/Fitr/Pad (dB)	Corrected Reading (dBuV/m)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.72501	43.46	Pk	34.6	-17.7	60.36	68.2	-7.84	88	200	H
2	5.72575	45.98	Pk	34.6	-17.7	62.88	68.2	-5.32	88	200	H

Pk - Peak detector

BE 5.725-5.825MHz 15_407 - H.TST 30915 21 Mar 2016

Rev 9.5 24 Sep 2019

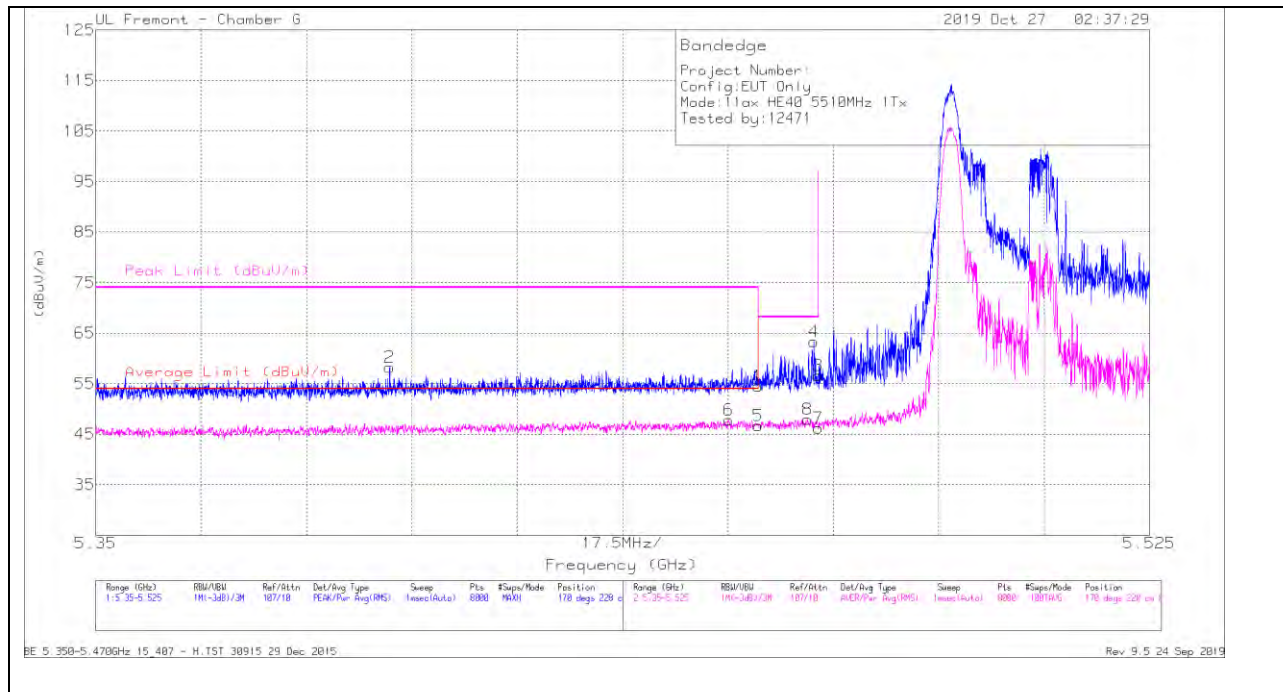
VERTICAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T712 (dB/m)	Amp/Cbl/Fitr/Pad (dB)	Corrected Reading (dBuV/m)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.72501	41.9	Pk	34.6	-17.7	58.8	68.2	-9.4	216	142	V
2	5.72559	42.78	Pk	34.6	-17.7	59.68	68.2	-8.52	216	142	V

Pk - Peak detector

BE 5.725-5.825MHz 15_407 - V.TST 30915 21 Mar 2016
Rev 9.5 24 Sep 2019

BANDEDGE (LOW CHANNEL)**HORIZONTAL RESULT**

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T136 (dB/m)	Amp/Cbl/Fitr/Pad (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 5.45998	40	Pk	34.7	-20.2	54.5	-	-	74	-19.5	170	228	H
2	* 5.39881	43.6	Pk	34.7	-20.1	58.2	-	-	74	-15.8	170	228	H
5	* 5.45998	32.17	RMS	34.7	-20.2	46.67	54	-7.33	-	-	170	228	H
6	* 5.45512	33.24	RMS	34.7	-20.1	47.84	54	-6.16	-	-	170	228	H
8	5.46819	33.47	RMS	34.7	-20.2	47.97	-	-	-	-	170	228	H
4	5.46928	48.8	Pk	34.7	-20.2	63.3	-	-	68.2	-4.9	170	228	H
3	5.46998	42.09	Pk	34.7	-20.2	56.59	-	-	68.2	-11.61	170	228	H
7	5.46998	31.71	RMS	34.7	-20.2	46.21	-	-	-	-	170	228	H

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

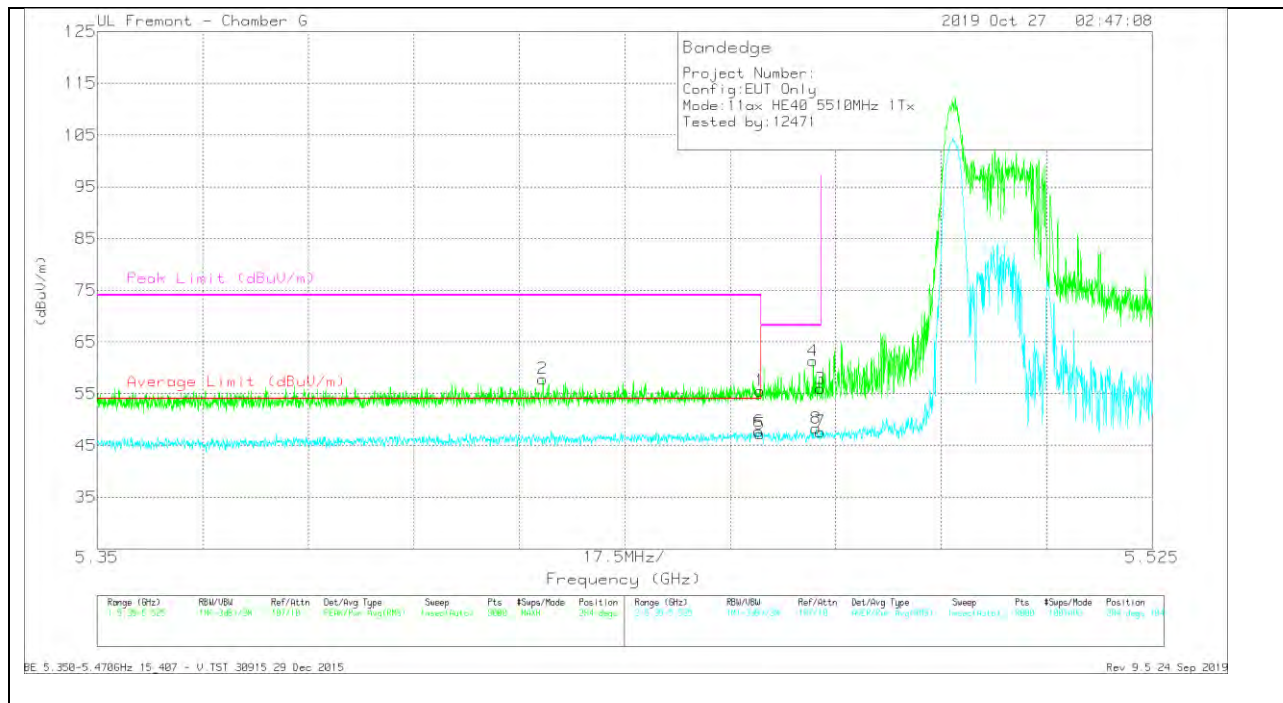
Pk - Peak detector

RMS - RMS detection

BE 5.350-5.470GHz 15_407 - H.TST 30915 29 Dec 2015

Rev 9.5 24 Sep 2019

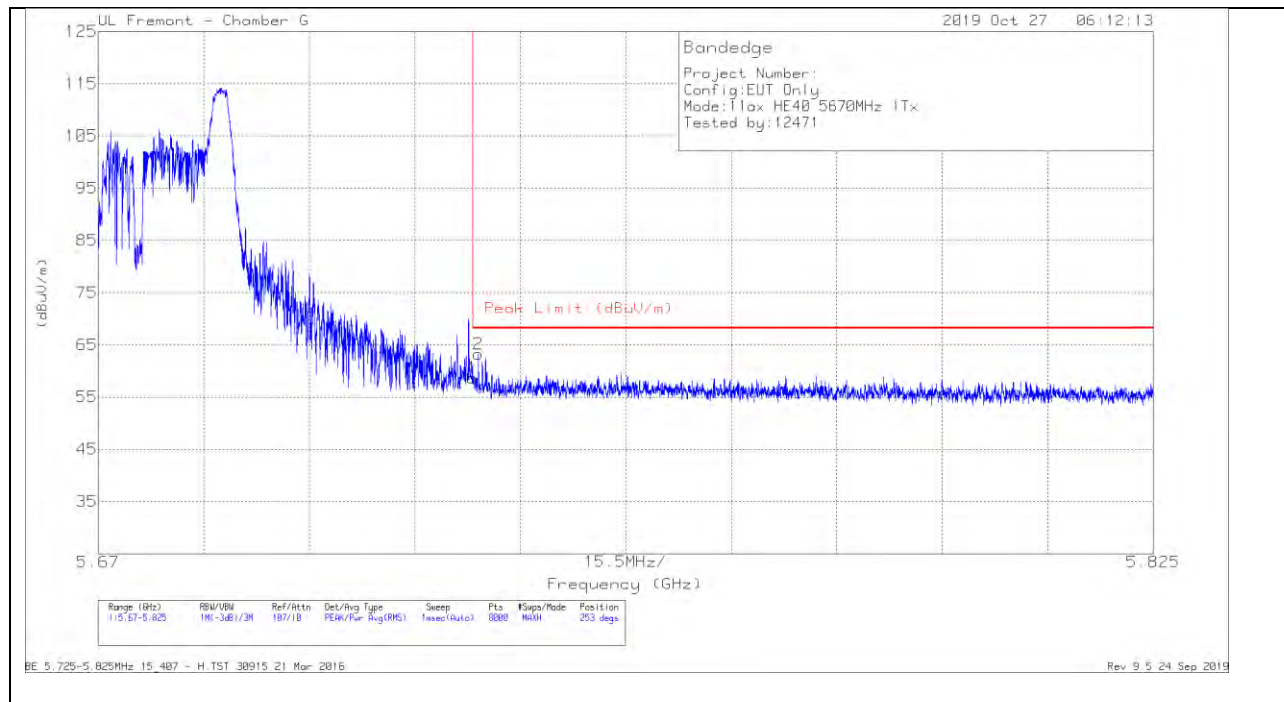
VERTICAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T136 (dB/m)	Amp/Cbl/Filtr/Pad (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 5.45998	41.06	Pk	34.7	-20.2	55.56	-	-	74	-18.44	284	104	V
2	* 5.42388	43.28	Pk	34.7	-20.1	57.88	-	-	74	-16.12	284	104	V
5	* 5.45998	32.72	RMS	34.7	-20.2	47.22	54	-6.78	-	-	284	104	V
6	* 5.45972	33.2	RMS	34.7	-20.2	47.7	54	-6.3	-	-	284	104	V
4	5.46871	46.84	Pk	34.7	-20.2	61.34	-	-	68.2	-6.86	284	104	V
8	5.46921	33.81	RMS	34.7	-20.2	48.31	-	-	-	-	284	104	V
3	5.46998	41.47	Pk	34.7	-20.2	55.97	-	-	68.2	-12.23	284	104	V
7	5.46998	33.13	RMS	34.7	-20.2	47.63	-	-	-	-	284	104	V

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

BE 5.350-5.470GHz 15_407 - V.TST 30915 29 Dec 2015
Rev 9.5 24 Sep 2019

1TX LAT3 – 26 Tones, RU Index 17**BANDEDGE (HIGH CHANNEL)****HORIZONTAL RESULT**

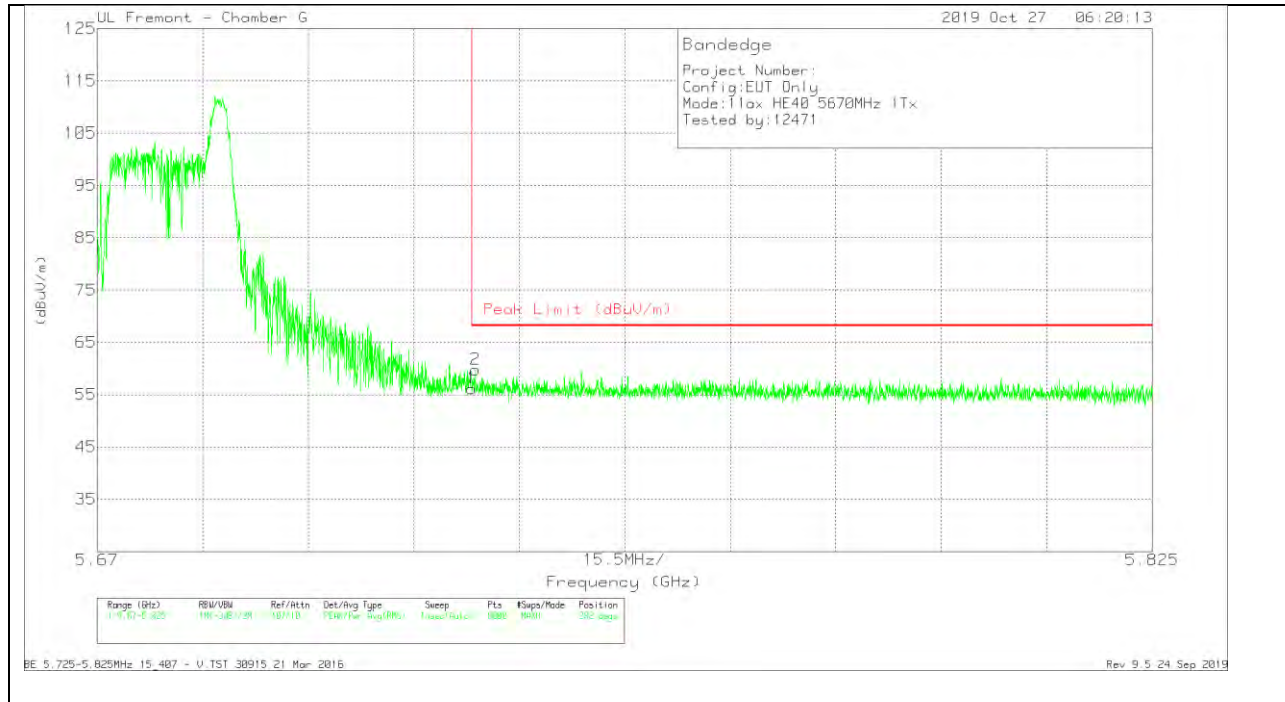
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T136 (dB/m)	Amp/Cbl/Filtr/Pad (dB)	Corrected Reading (dBuV/m)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.72501	43.57	Pk	35.1	-20	58.67	68.2	-9.53	253	152	H
2	5.72583	48.13	Pk	35.1	-20	63.23	68.2	-4.97	253	152	H

Pk - Peak detector

BE 5.725-5.825MHz 15_407 - H.TST 30915 21 Mar 2016

Rev 9.5 24 Sep 2019

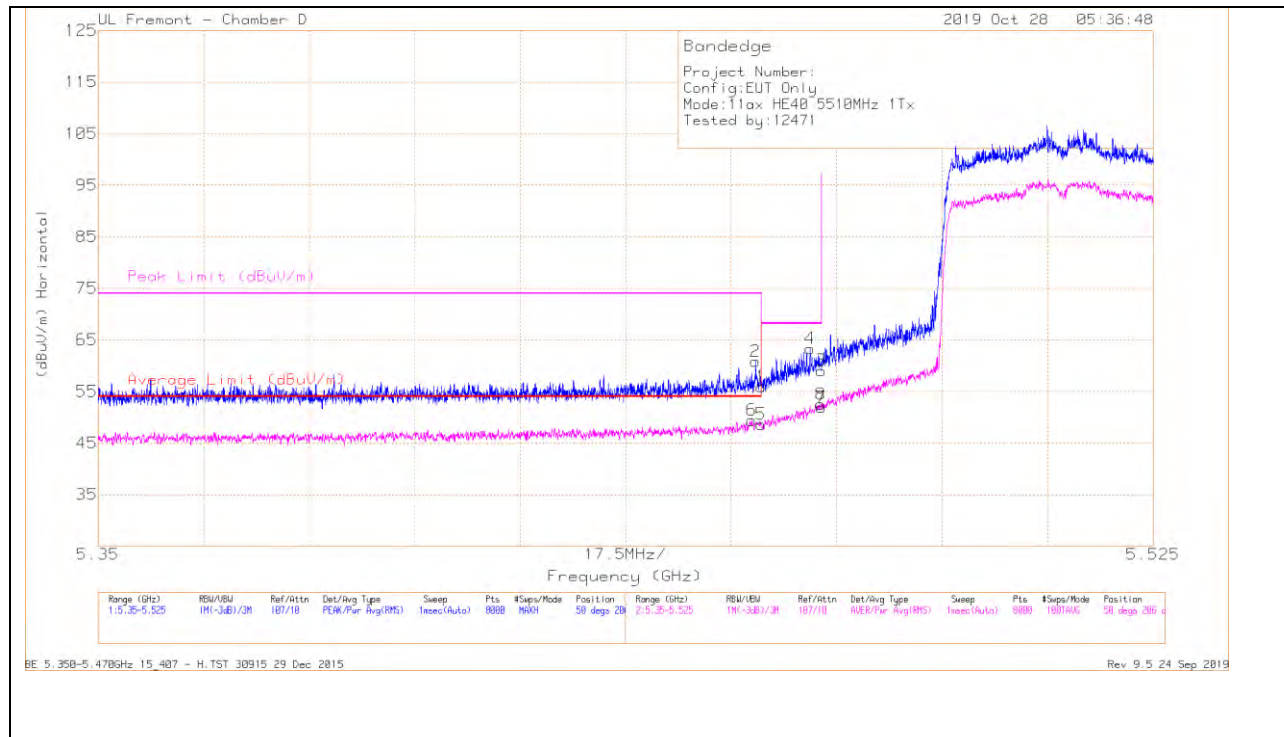
VERTICAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T136 (dB/m)	Amp/Cbl/Fitr/Pad (dB)	Corrected Reading (dBuV/m)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.72501	41.1	Pk	35.1	-20	56.2	68.2	-12	282	125	V
2	5.72555	44.71	Pk	35.1	-20	59.81	68.2	-8.39	282	125	V

Pk - Peak detector

BE 5.725-5.825MHz 15_407 - V.TST 30915 21 Mar 2016
Rev 9.5 24 Sep 2019

BANDEDGE (LOW CHANNEL)**HORIZONTAL RESULT**

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T712 (dBm)	Amp/Cbl/Filtr/Pad (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
6	* 5.45843	33.03	RMS	34.4	-18	49.43	54	-4.57	-	-	50	206	H
2	* 5.45904	44.41	Pk	34.4	-18	60.81	-	-	74	-13.19	50	206	H
1	* 5.45998	39.55	Pk	34.4	-18	55.95	-	-	74	-18.05	50	206	H
5	* 5.45998	32.24	RMS	34.4	-18	48.64	54	-5.36	-	-	50	206	H
4	5.4681	47.19	Pk	34.3	-18.2	63.29	-	-	68.2	-4.91	50	206	H
8	5.46987	36.33	RMS	34.4	-18.2	52.53	-	-	-	-	50	206	H
3	5.46998	42.85	Pk	34.4	-18.2	59.05	-	-	68.2	-9.15	50	206	H
7	5.46998	35.7	RMS	34.4	-18.2	51.9	-	-	-	-	50	206	H

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

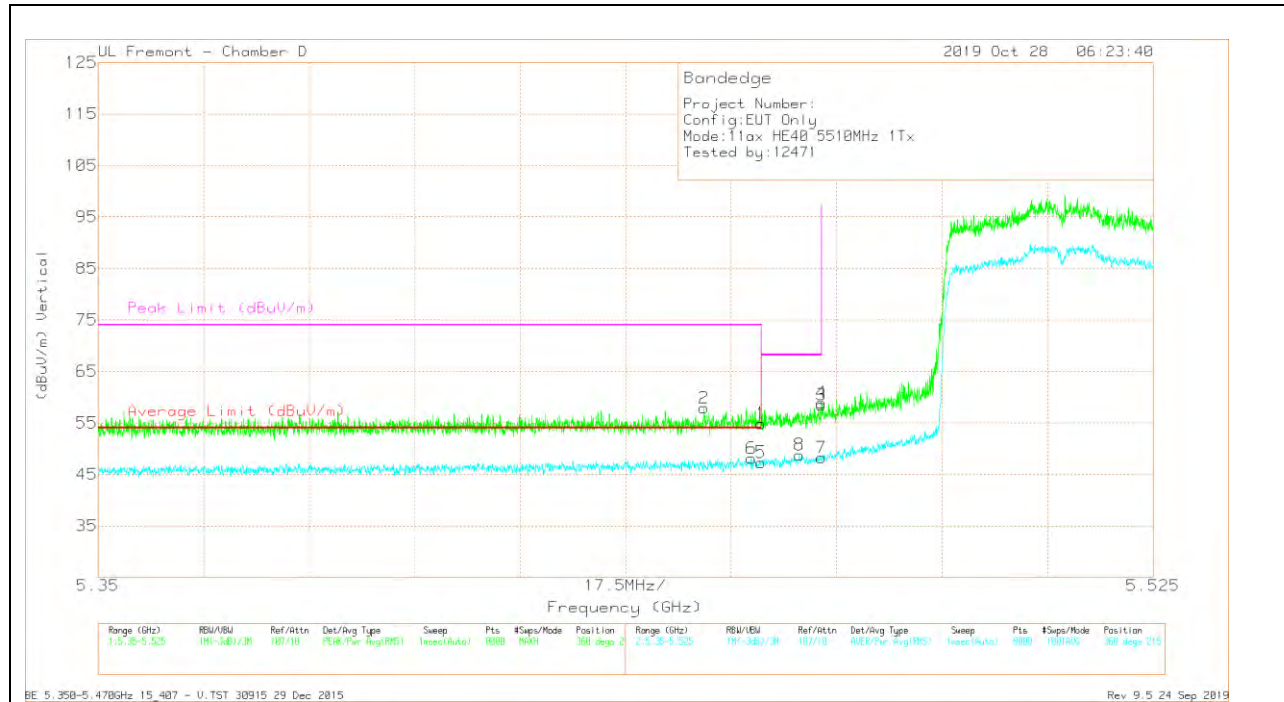
Pk - Peak detector

RMS - RMS detection

BE 5.350-5.470GHz 15_407 - H.TST 30915 29 Dec 2015

Rev 9.5 24 Sep 2019

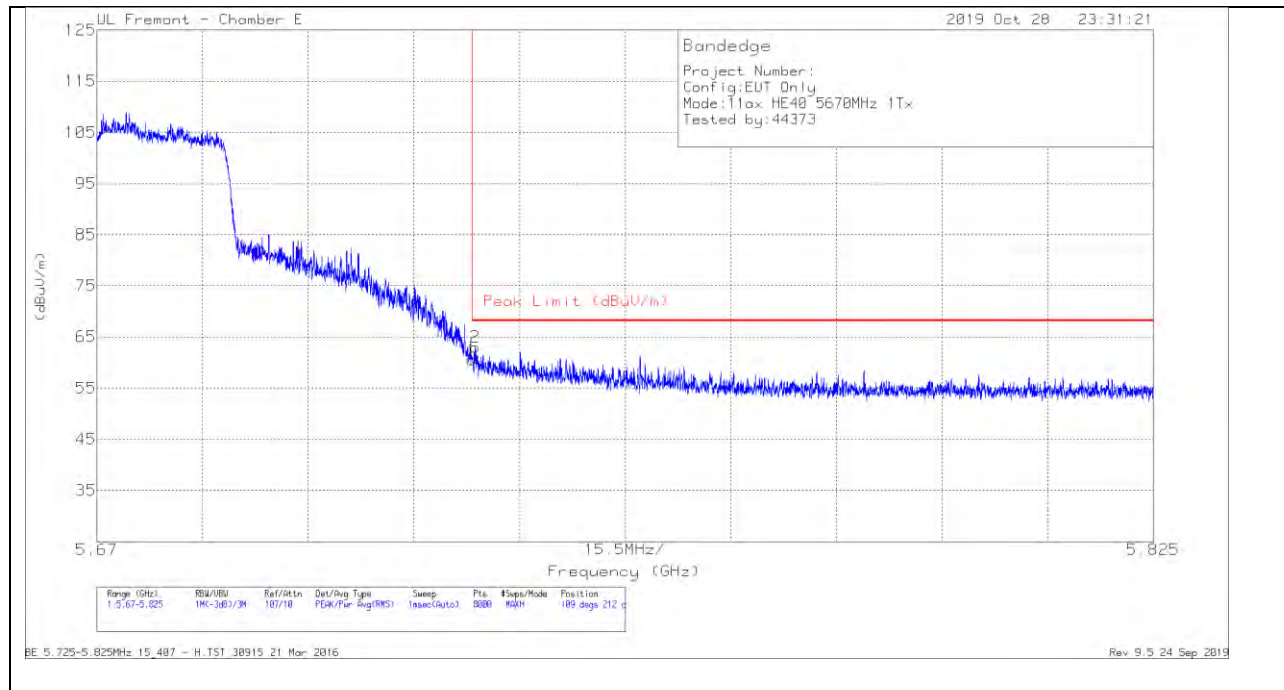
VERTICAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBV)	Det	AF T712 (dB/m)	Amp/Cbl/Filtr/Pad (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
2	* 5.45049	41.71	Pk	34.3	-18.1	57.91	-	-	74	-16.09	360	215	V
6	* 5.45834	31.73	RMS	34.4	-18	48.13	54	-5.87	-	-	360	215	V
1	* 5.45998	38.49	Pk	34.4	-18	54.89	-	-	74	-19.11	360	215	V
5	* 5.45998	30.9	RMS	34.4	-18	47.3	54	-6.7	-	-	360	215	V
8	5.4663	32.58	RMS	34.3	-18.1	48.78	-	-	-	-	360	215	V
4	5.46996	42.71	Pk	34.4	-18.2	58.91	-	-	68.2	-9.29	360	215	V
3	5.46998	42.29	Pk	34.4	-18.2	58.49	-	-	68.2	-9.71	360	215	V
7	5.46998	32.04	RMS	34.4	-18.2	48.24	-	-	-	-	360	215	V

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

BE 5.350-5.470GHz 15_407 - V.TST 30915 29 Dec 2015
Rev 9.5 24 Sep 2019

BANDEDGE (HIGH CHANNEL)**HORIZONTAL RESULT**

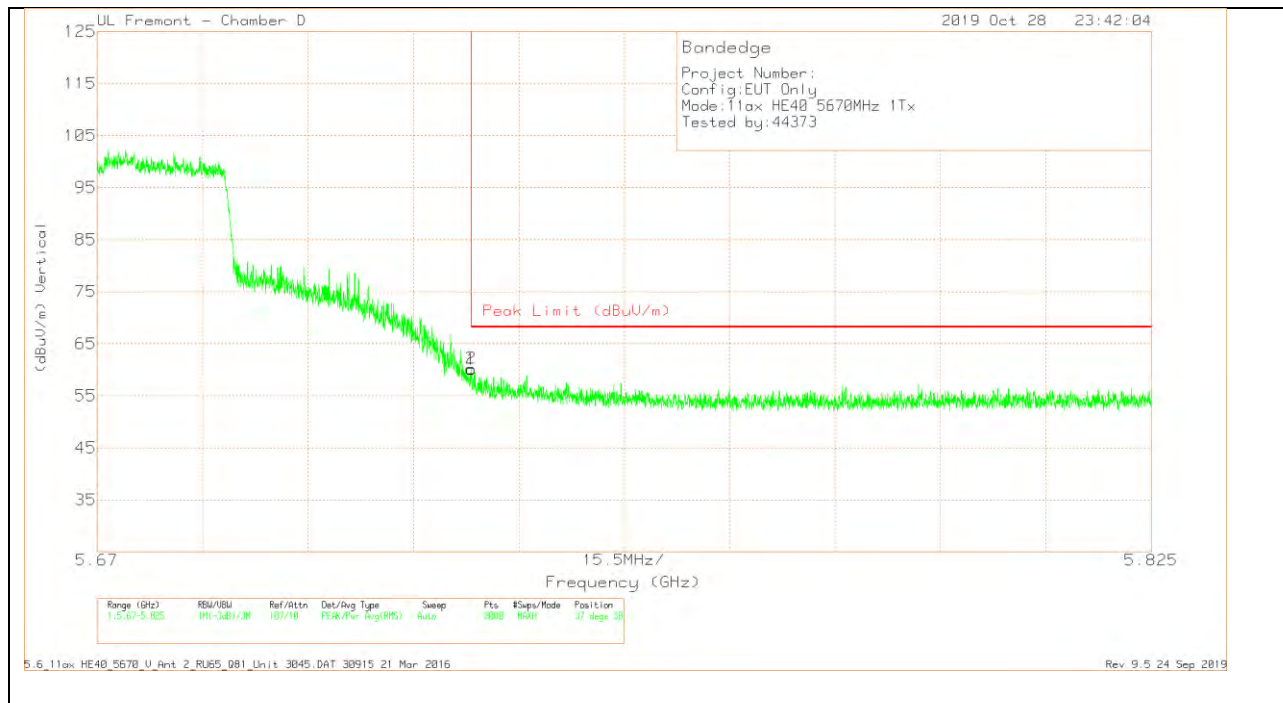
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T119 (dB/m)	Amp/Cbl/Fitr/Pad (dB)	Corrected Reading (dBuV/m)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.72501	46.64	Pk	34.8	-20.9	60.54	68.2	-7.66	109	212	H
2	5.72553	49.26	Pk	34.7	-20.9	63.06	68.2	-5.14	109	212	H

Pk - Peak detector

BE 5.725-5.825MHz 15_407 - H.TST 30915 21 Mar 2016

Rev 9.5.24 Sep 2019

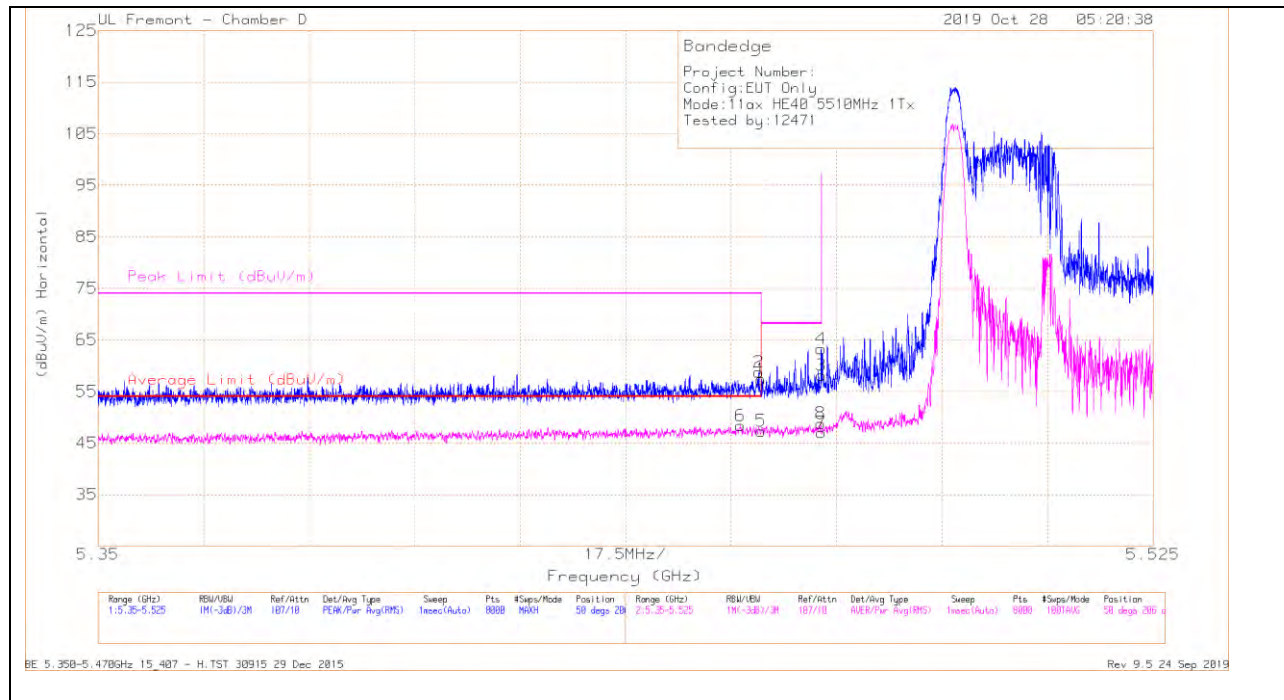
VERTICAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T119 (dB/m)	Amp/Cbl/Fitr/Pad (dB)	Corrected Reading (dBuV/m)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.72501	46.17	Pk	34.8	-20.9	60.07	68.2	-8.13	37	381	V
2	5.72503	46.36	Pk	34.8	-20.9	60.26	68.2	-7.94	37	381	V

Pk - Peak detector

5.6_11ax HE40_5670_V_Ant_2_RU65_Q81_Unit 3045.DAT 30915 21 Mar 2016
Rev 9.5 24 Sep 2019

1TX UAT2 – 26 Tones, RU Index 0**BANDEDGE (LOW CHANNEL)****HORIZONTAL RESULT**

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T712 (dB/m)	Ampl/Cbl/Filtr/Pad (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
6	* 5.45652	32.07	RMS	34.4	-18.1	48.37	54	-5.63	-	-	50	206	H
2	* 5.45959	42.35	Pk	34.4	-18	58.75	-	-	74	-15.25	50	206	H
1	* 5.45998	40.96	Pk	34.4	-18	57.36	-	-	74	-16.64	50	206	H
5	* 5.45998	30.91	RMS	34.4	-18	47.31	54	-6.69	-	-	50	206	H
8	5.46985	32.57	RMS	34.4	-18.2	48.77	-	-	-	-	50	206	H
4	5.46991	47.06	Pk	34.4	-18.2	63.26	-	-	68.2	-4.94	50	206	H
3	5.46998	41.94	Pk	34.4	-18.2	58.14	-	-	68.2	-10.06	50	206	H
7	5.46998	30.84	RMS	34.4	-18.2	47.04	-	-	-	-	50	206	H

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

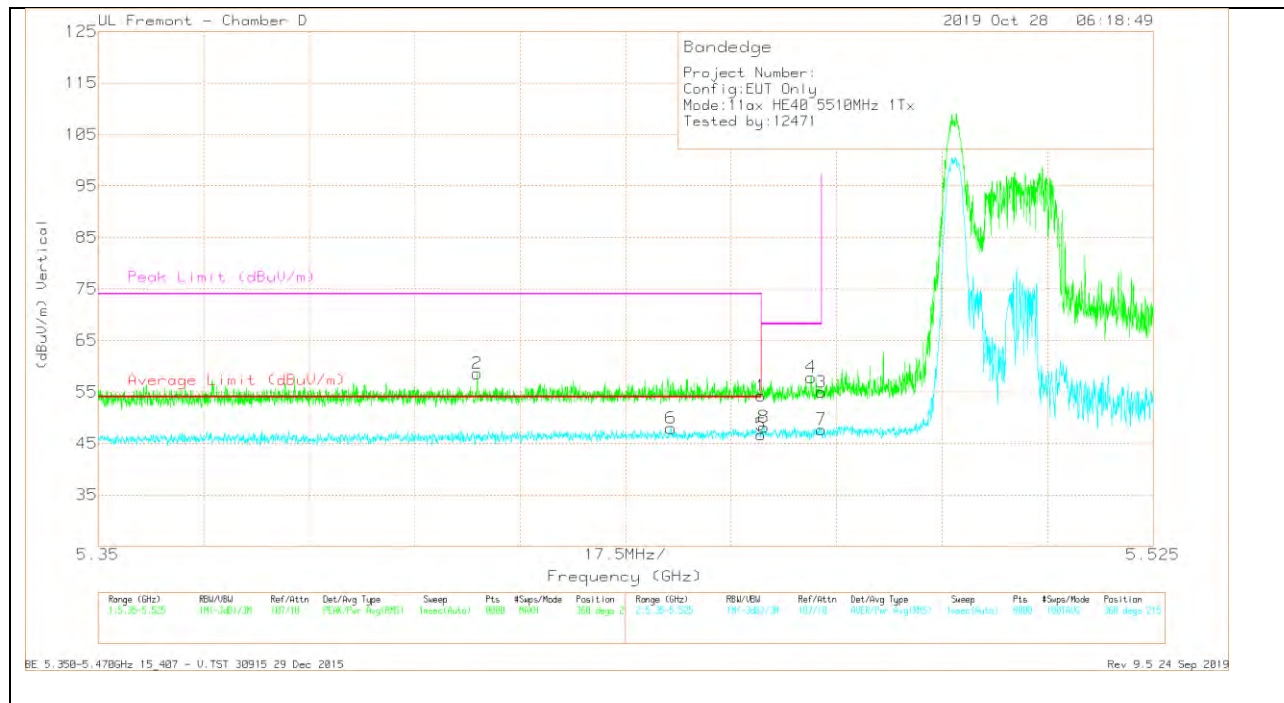
Pk - Peak detector

RMS - RMS detection

BE 5.350-5.470GHz 15_407 - H.TST 30915 29 Dec 2015

Rev 9.5 24 Sep 2019

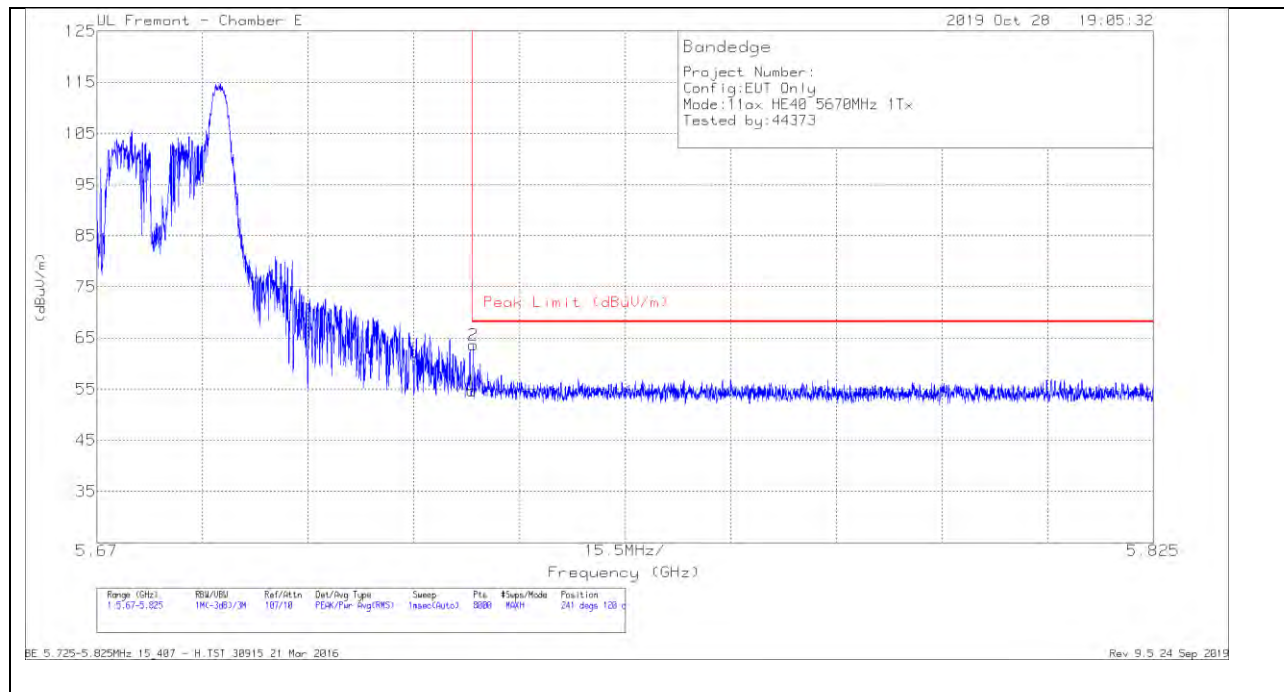
VERTICAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T712 (dB/m)	Amp/Cbl/Filtr/Pad (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
2	* 5.41286	42.39	Pk	34.3	-18.1	58.59	-	-	74	-15.41	360	215	V
6	* 5.44502	31.76	RMS	34.3	-18.1	47.96	54	-6.04	-	-	360	215	V
1	* 5.45998	37.84	Pk	34.4	-18	54.24	-	-	74	-19.76	360	215	V
5	* 5.45998	30.31	RMS	34.4	-18	46.71	54	-7.29	-	-	360	215	V
8	5.46042	31.77	RMS	34.4	-18	48.17	-	-	-	-	360	215	V
4	5.46825	41.73	Pk	34.3	-18.2	57.83	-	-	68.2	-10.37	360	215	V
3	5.46998	38.76	Pk	34.4	-18.2	54.96	-	-	68.2	-13.24	360	215	V
7	5.46998	31.48	RMS	34.4	-18.2	47.68	-	-	-	-	360	215	V

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

BE 5.350-5.470GHz 15_407 - V.TST 30915 29 Dec 2015
Rev 9.5 24 Sep 2019

1TX UAT2 – 26 Tones, RU Index 17**BANDEDGE (HIGH CHANNEL)****HORIZONTAL RESULT**

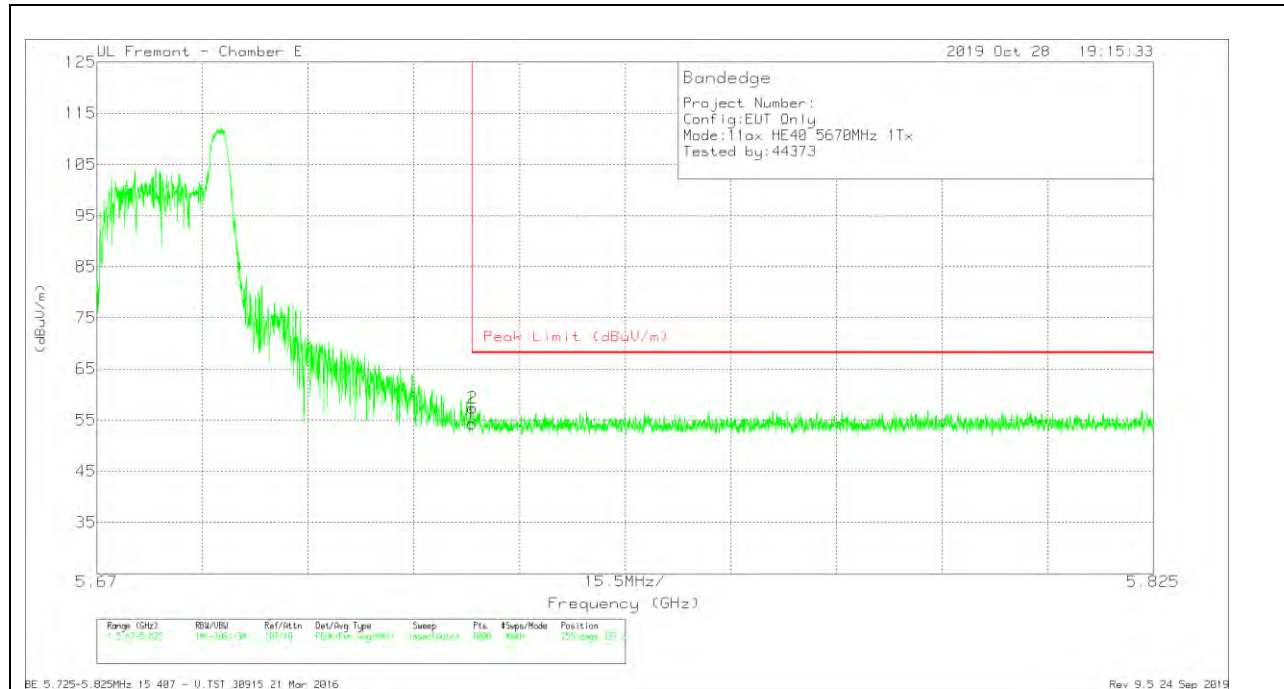
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T119 (dB/m)	Amp/Cbl/Fitr/Pad (dB)	Corrected Reading (dBuV/m)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.72501	40.8	Pk	34.8	-20.9	54.7	68.2	-13.5	241	120	H
2	5.72522	49.7	Pk	34.8	-20.9	63.6	68.2	-4.6	241	120	H

Pk - Peak detector

BE 5.725-5.825MHz 15_407 - H.TST 30915 21 Mar 2016

Rev 9.5 24 Sep 2019

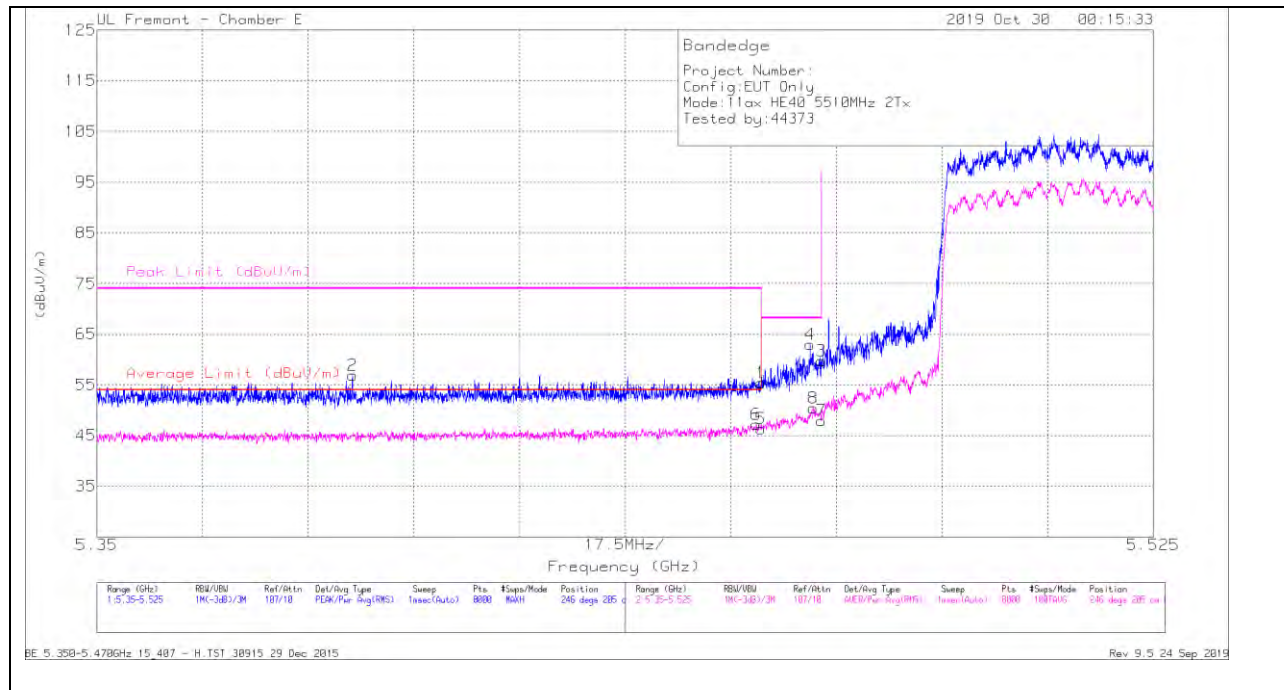
VERTICAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T119 (dB/m)	Amp/Cbl/Fitr/Pad (dB)	Corrected Reading (dBuV/m)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.72501	40.36	Pk	34.8	-20.9	54.26	68.2	-13.94	255	337	V
2	5.72515	43.51	Pk	34.8	-20.9	57.41	68.2	-10.79	255	337	V

Pk - Peak detector

BE 5.725-5.825MHz 15_407 - V.TST 30915 21 Mar 2016
Rev 9.5 24 Sep 2019

BANDEDGE (LOW CHANNEL)**HORIZONTAL RESULT**

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T119 (dB/m)	Amp/Cbl/Fitr/Pad (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 5.45998	42.14	Pk	34.6	-21.3	55.44	-	-	74	-18.56	246	205	H
2	* 5.39233	43.66	Pk	34.5	-21.3	56.86	-	-	74	-17.14	246	205	H
5	* 5.45998	33.07	RMS	34.6	-21.3	46.37	54	-7.63	-	-	246	205	H
6	* 5.45924	33.87	RMS	34.6	-21.3	47.17	54	-6.83	-	-	246	205	H
4	5.46814	49.68	Pk	34.6	-21.3	62.98	-	-	68.2	-5.22	246	205	H
8	5.46869	37.14	RMS	34.6	-21.3	50.44	-	-	-	-	246	205	H
3	5.46998	46.44	Pk	34.6	-21.3	59.74	-	-	68.2	-8.46	246	205	H
7	5.46998	34.61	RMS	34.6	-21.3	47.91	-	-	-	-	246	205	H

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

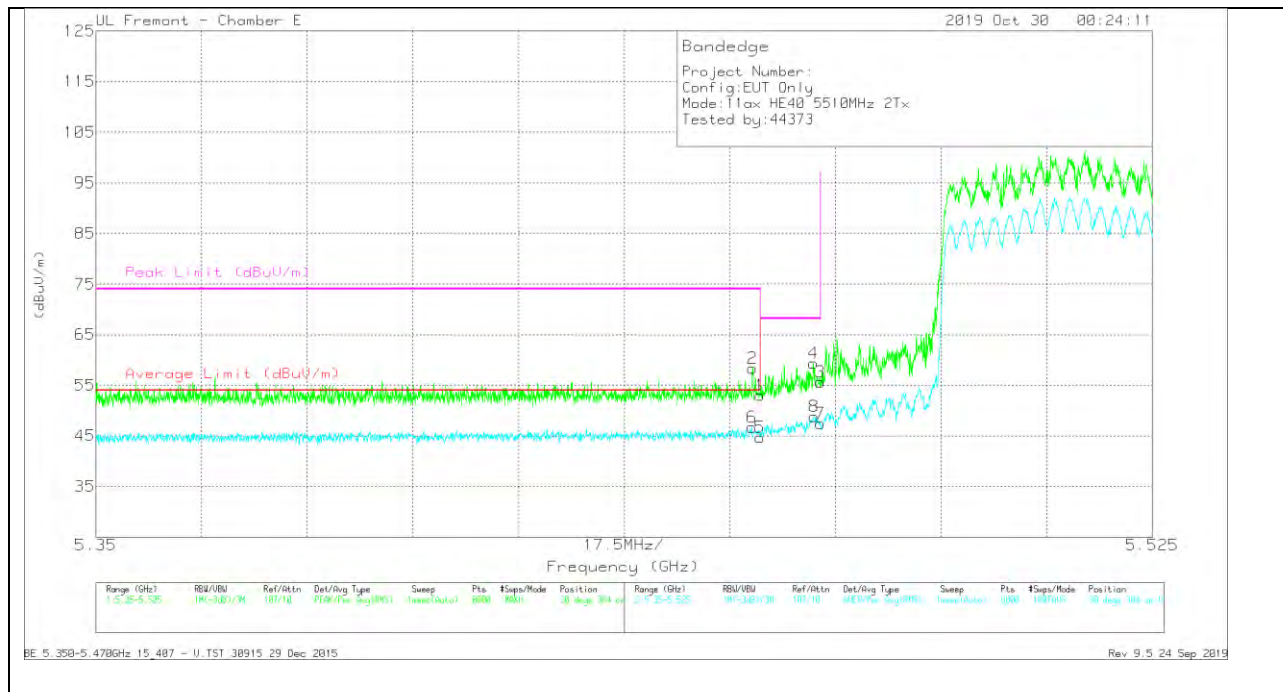
Pk - Peak detector

RMS - RMS detection

BE 5.350-5.470GHz 15_407 - H.TST 30915 29 Dec 2015

Rev 9.5 24 Sep 2019

VERTICAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T119 (dB/m)	Amp/Cbl/Filtr/Pad (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 5.45998	39.71	Pk	34.6	-21.3	53.01	-	-	74	-20.99	30	384	V
2	* 5.45882	45.02	Pk	34.6	-21.3	58.32	-	-	74	-15.68	30	384	V
5	* 5.45998	31.38	RMS	34.6	-21.3	44.68	54	-9.32	-	-	30	384	V
6	* 5.45862	33.41	RMS	34.6	-21.3	46.71	54	-7.29	-	-	30	384	V
4	5.46884	46.07	Pk	34.6	-21.3	59.37	-	-	68.2	-8.83	30	384	V
8	5.46897	35.55	RMS	34.6	-21.3	48.85	-	-	-	-	30	384	V
3	5.46998	42.32	Pk	34.6	-21.3	55.62	-	-	68.2	-12.58	30	384	V
7	5.46998	34.08	RMS	34.6	-21.3	47.38	-	-	-	-	30	384	V

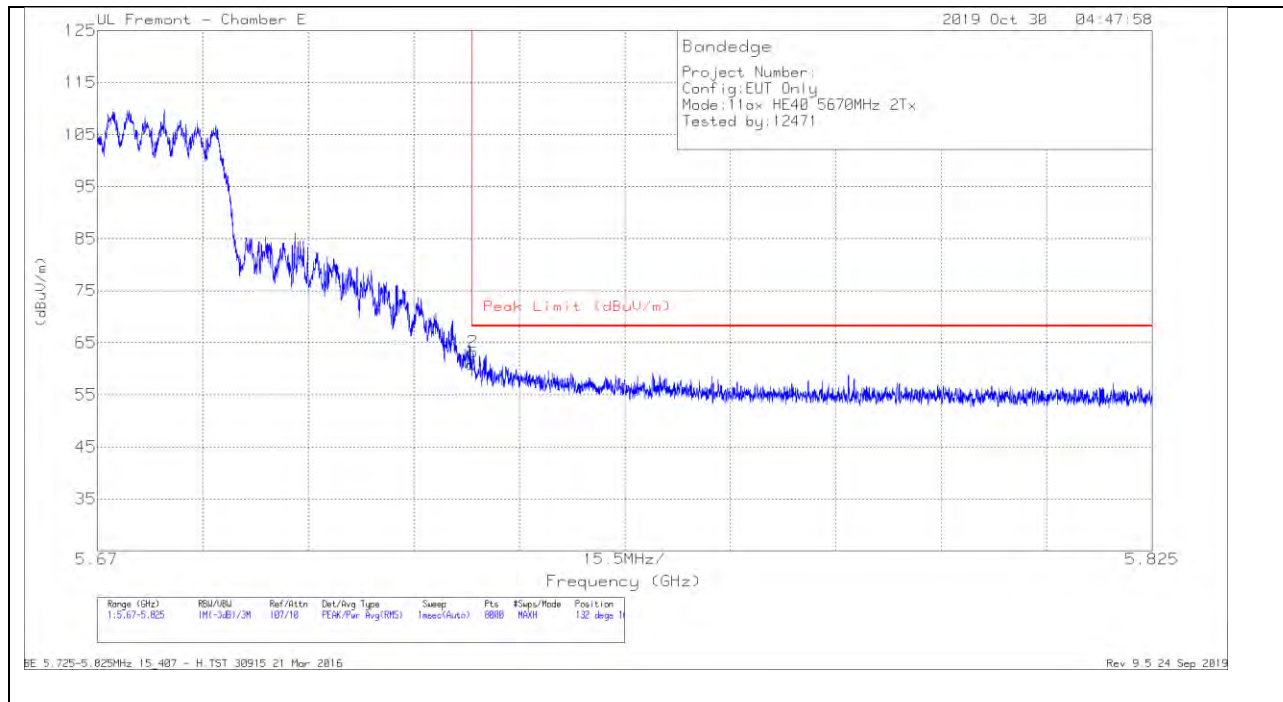
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

Pk - Peak detector

RMS - RMS detection

BE 5.350-5.470GHz 15_407 - V.TST 30915 29 Dec 2015

Rev 9.5 24 Sep 2019

BANDEDGE (HIGH CHANNEL)**HORIZONTAL RESULT**

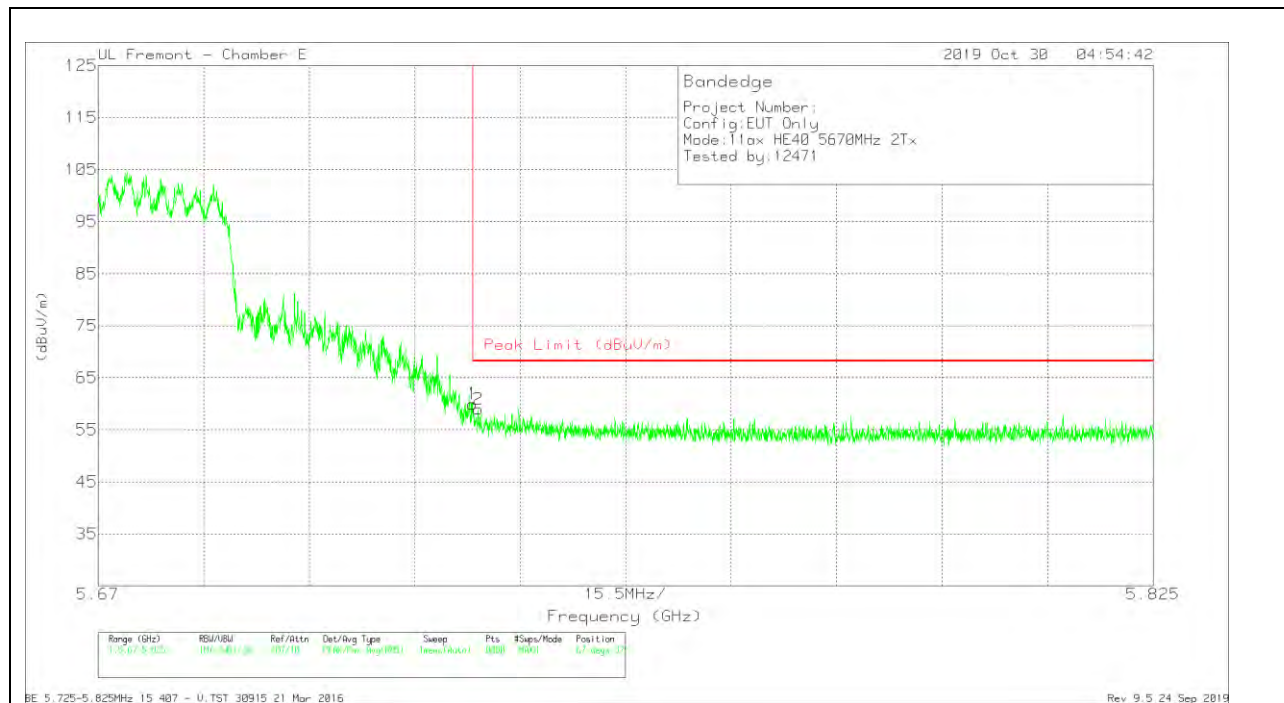
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T119 (dB/m)	Amp/Cbl/Filtr/Pad (dB)	Corrected Reading (dBuV/m)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.72501	46.87	Pk	34.8	-20.9	60.77	68.2	-7.43	132	166	H
2	5.72521	49.29	Pk	34.8	-20.9	63.19	68.2	-5.01	132	166	H

Pk - Peak detector

BE 5.725-5.825MHz 15_407 - H.TST 30915 21 Mar 2016

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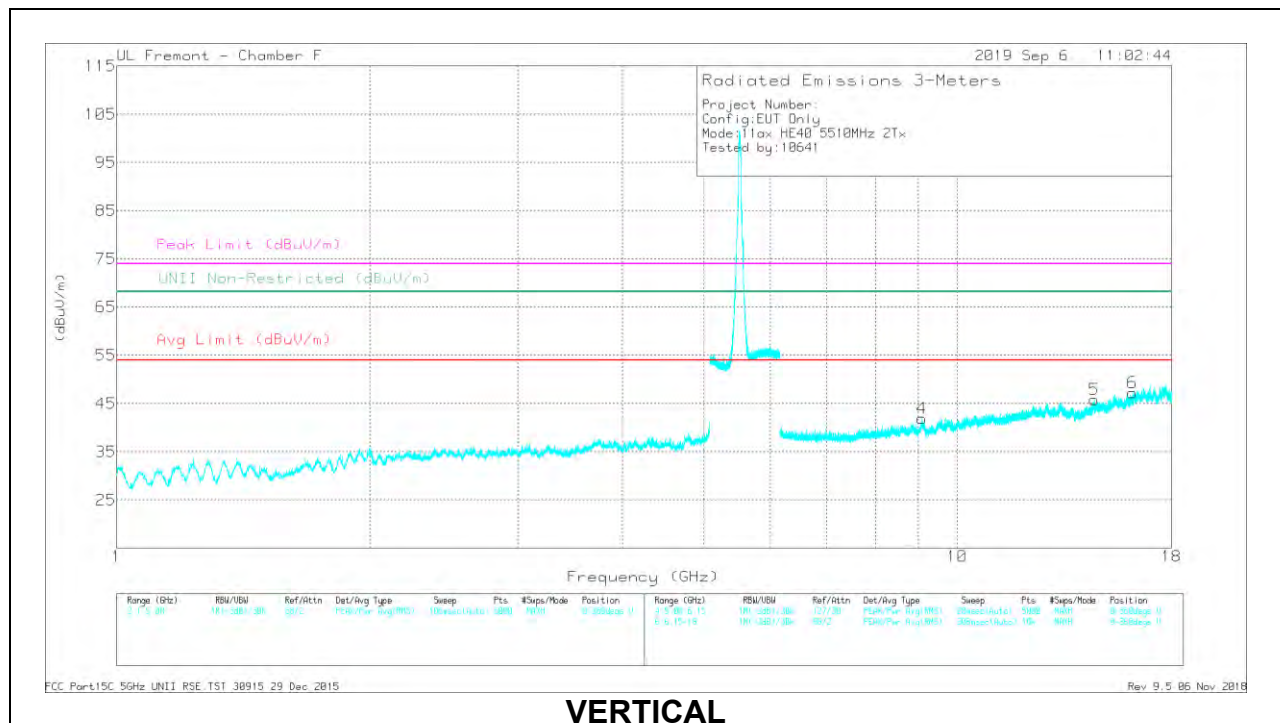
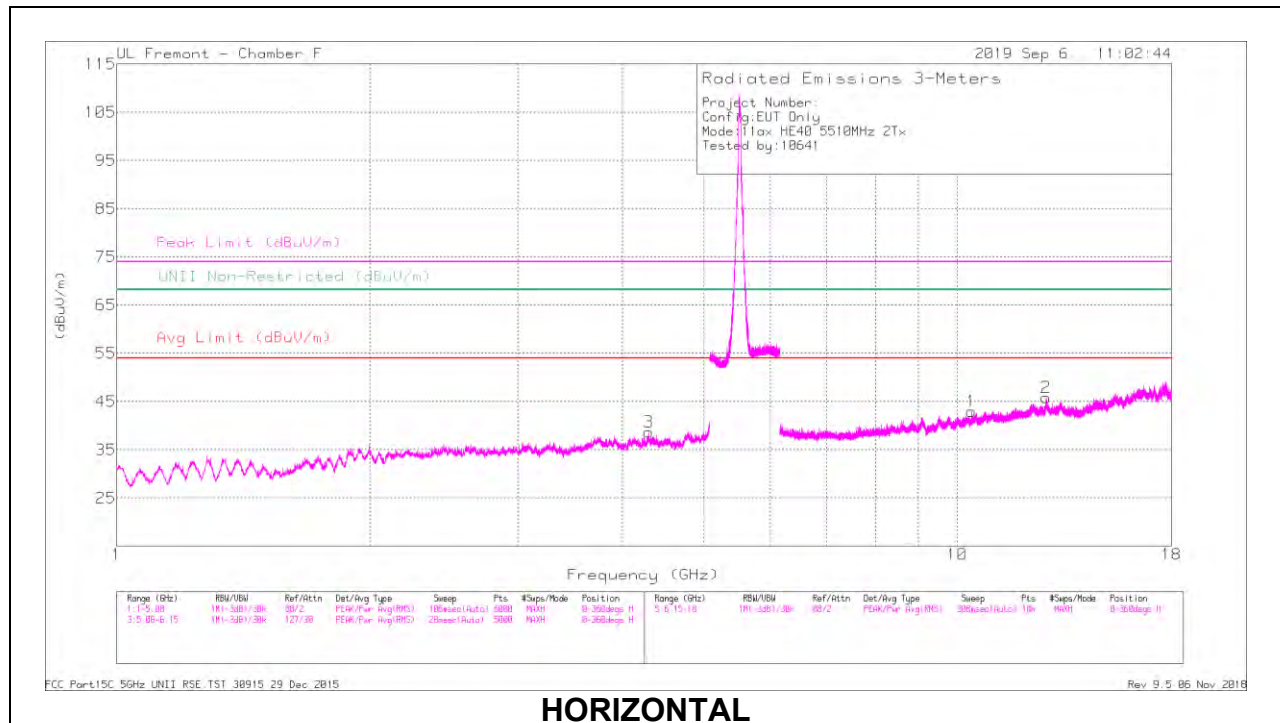
VERTICAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T119 (dB/m)	Amp/Cbl/Fitr/Pad (dB)	Corrected Reading (dBuV/m)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.72501	46.09	Pk	34.8	-20.9	59.99	68.2	-8.21	67	379	V
2	5.72584	45.17	Pk	34.7	-20.9	58.97	68.2	-9.23	67	379	V

Pk - Peak detector

BE 5.725-5.825MHz 15_407 - V.TST 30915 21 Mar 2016
Rev 9.5 24 Sep 2019

HARMONICS AND SPURIOUS EMISSIONS**LOW CHANNEL RESULTS**

RADIATED EMISSIONS

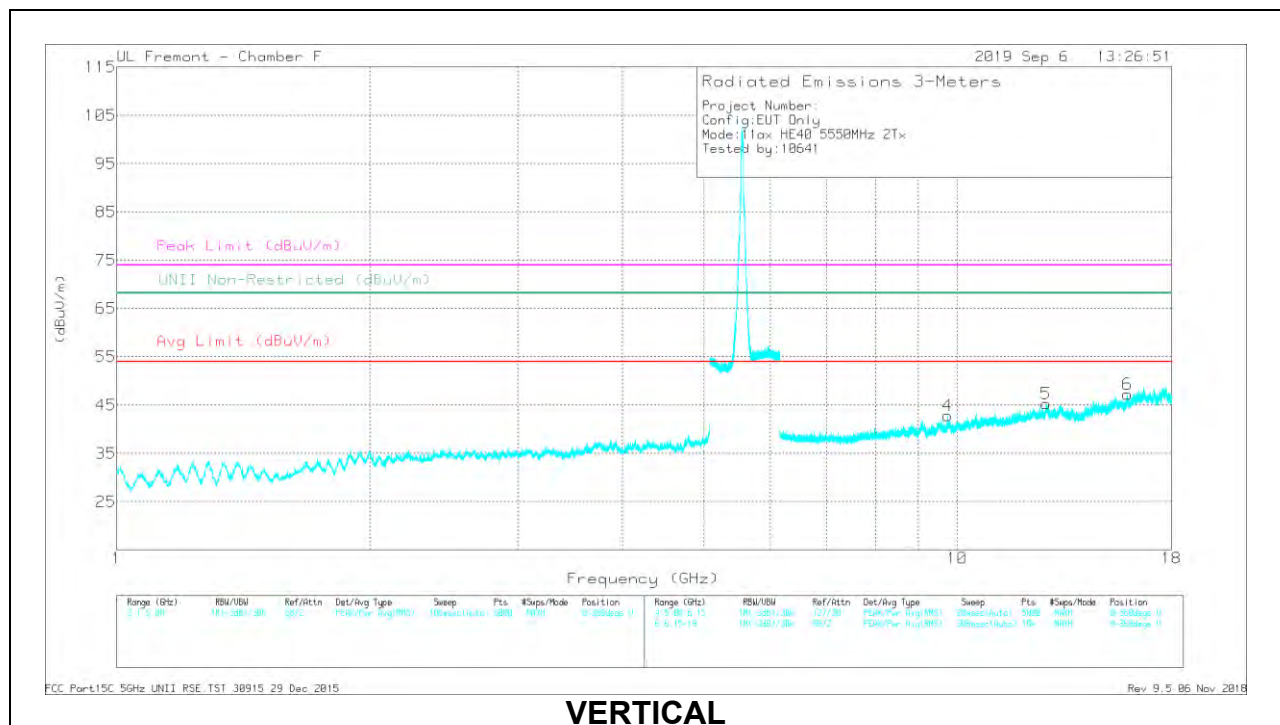
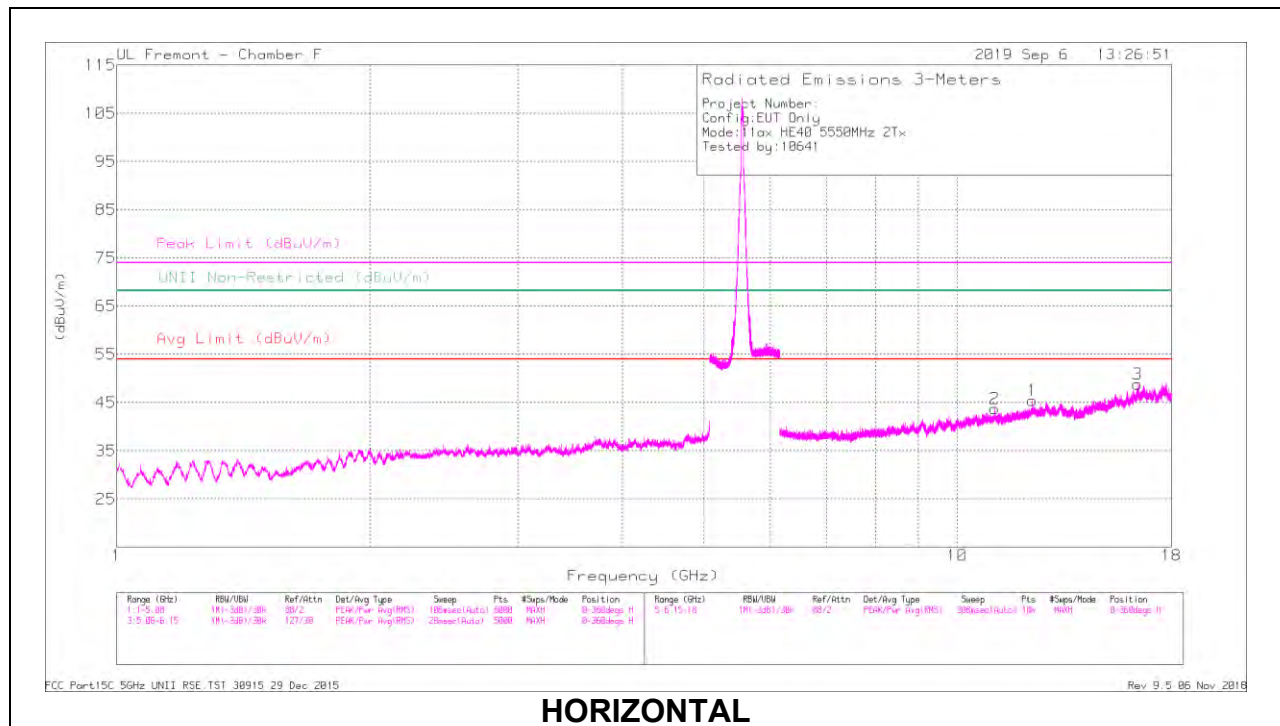
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T345 (dB/m)	Amp/Cbl/Filtr/Pa d (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
3	* 4.296	55.15	PK-U	33.9	-44.2	44.85	-	-	74	-29.15	-	-	326	125	H
	* 4.295	43.48	ADR	33.9	-44.2	33.18	54	-20.82	-	-	-	-	326	125	H
1	10.417	50.3	PK-U	37.6	-39.3	48.6	-	-	-	-	68.2	-19.6	220	179	H
2	12.774	50.22	PK-U	39.2	-37.9	51.52	-	-	-	-	68.2	-16.68	204	193	H
4	* 9.08	51.15	PK-U	36.3	-38.8	48.65	-	-	74	-25.35	-	-	279	147	V
	* 9.079	39.68	ADR	36.3	-38.7	37.28	54	-16.72	-	-	-	-	279	147	V
6	* 16.178	51.49	PK-U	40.9	-38.2	54.19	-	-	74	-19.81	-	-	249	158	V
	* 16.182	39.6	ADR	40.9	-38.3	42.2	54	-11.8	-	-	-	-	249	158	V
5	14.575	50.24	PK-U	39.6	-38.2	51.64	-	-	-	-	68.2	-16.56	187	203	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

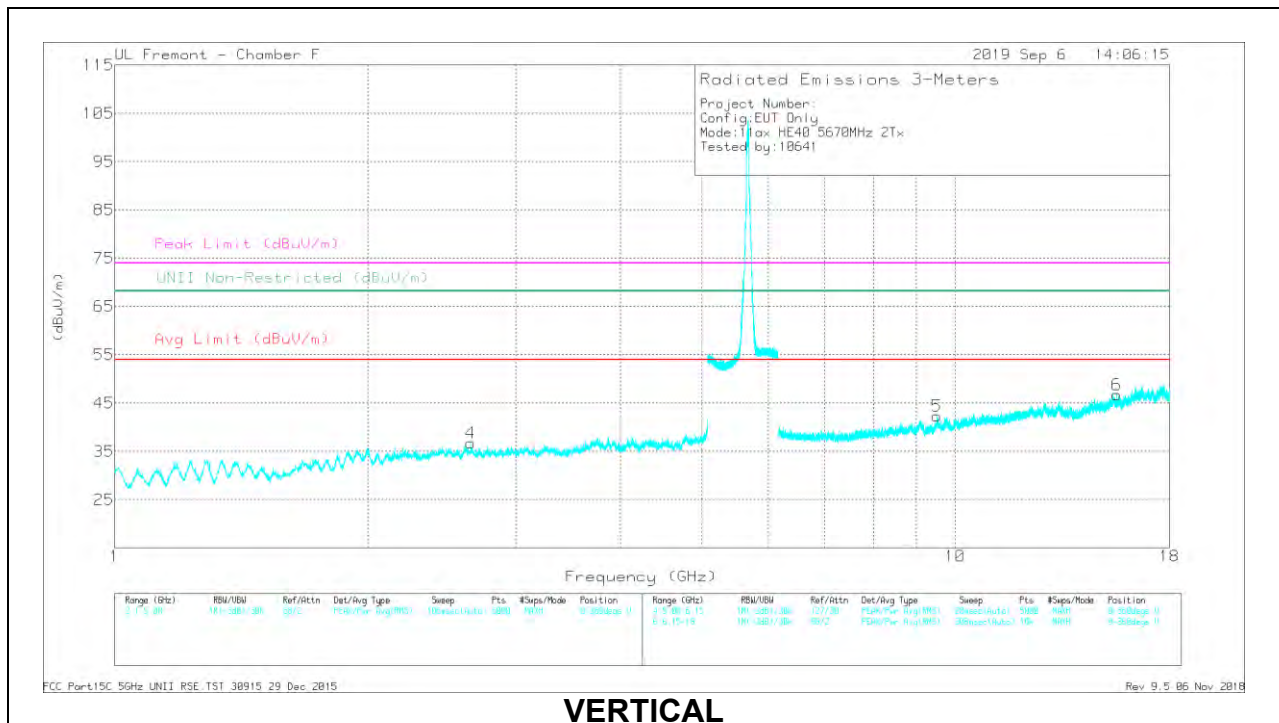
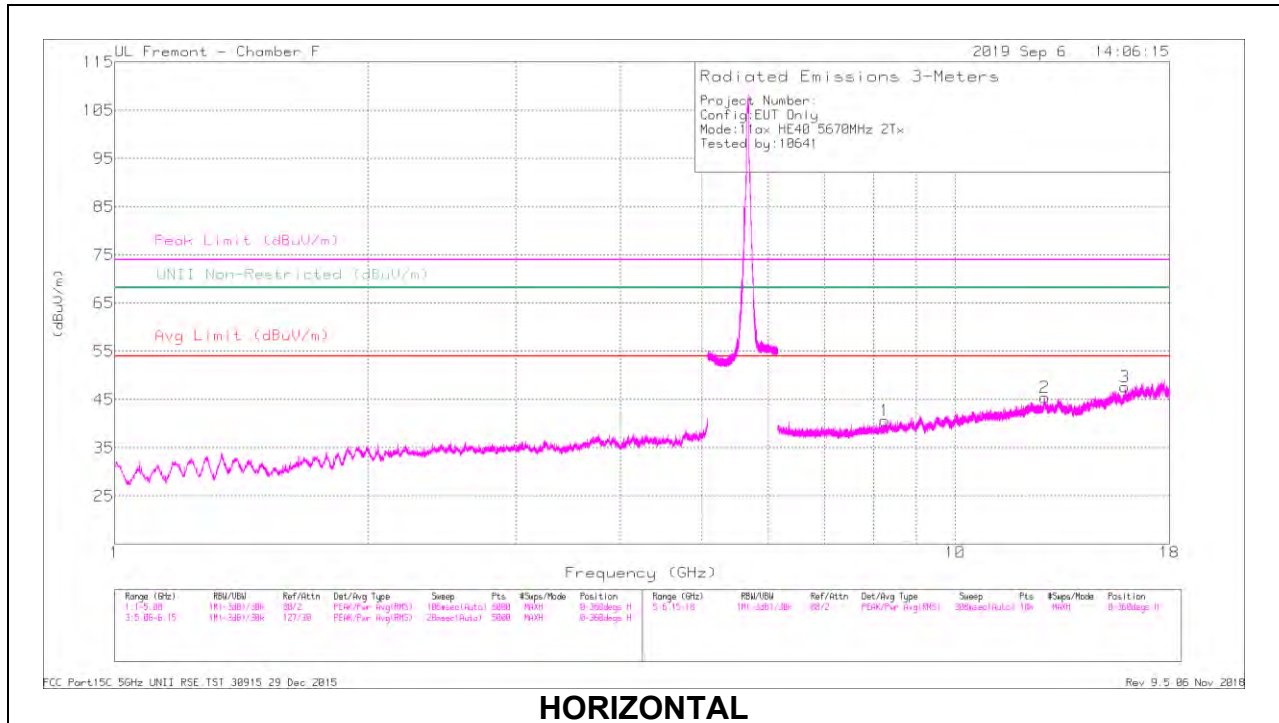
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T345 (dB/m)	Amp/Cbl/Filtr/Pa d (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 12.294	51.15	PK-U	39.2	-38.8	51.55	-	-	74	-22.45	-	-	298	131	H
	* 12.293	39.38	ADR	39.2	-38.8	39.78	54	-14.22	-	-	-	-	298	131	H
2	* 11.099	50.19	PK-U	37.9	-38.7	49.39	-	-	74	-24.61	-	-	286	150	H
	* 11.098	39.3	ADR	37.9	-38.8	38.4	54	-15.6	-	-	-	-	286	150	H
3	16.408	50.89	PK-U	41.3	-37.6	54.59	-	-	-	-	68.2	-13.61	155	220	H
5	12.773	50.88	PK-U	39.2	-37.9	52.18	-	-	-	-	68.2	-16.02	174	238	V
4	9.75	51.21	PK-U	36.9	-39.6	48.51	-	-	-	-	68.2	-19.69	140	229	V
6	* 15.952	50.09	PK-U	40.6	-37.1	53.59	-	-	74	-20.41	-	-	107	219	V
	* 15.951	39.4	ADR	40.6	-37.2	42.8	54	-11.2	-	-	-	-	107	219	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

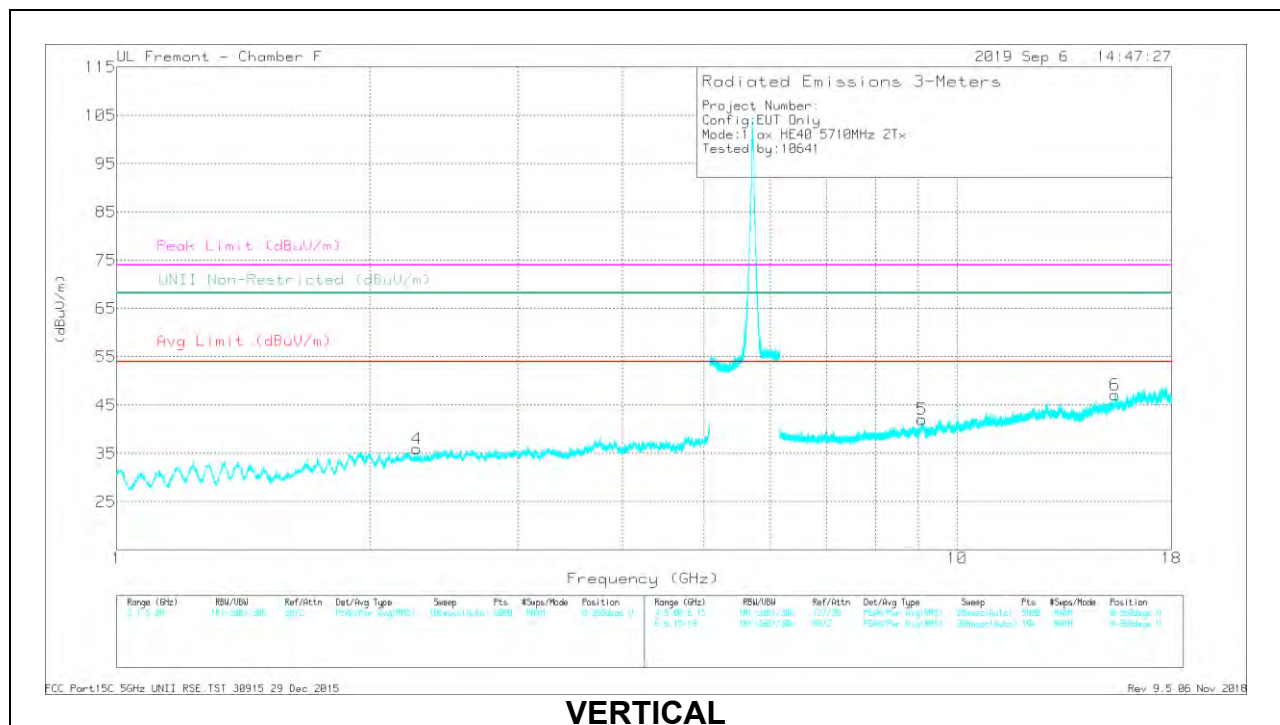
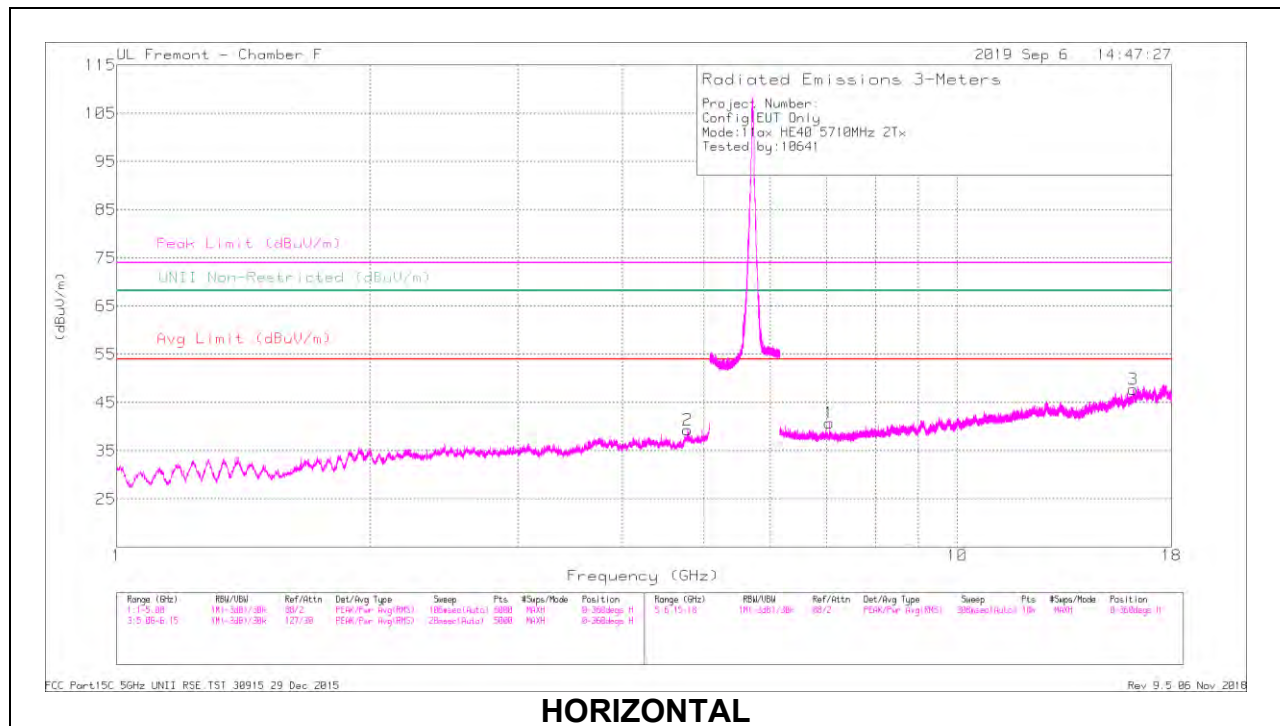
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T345 (dB/m)	Amp/Cbl/Filtr/Pa d (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
4	2.654	55.13	PK-U	32.5	-45.4	43.23	-	-	-	-	68.2	-24.97	172	184	V
1	* 8.258	49.58	PK-U	35.9	-39.1	46.38	-	-	74	-27.62	-	-	89	136	H
	* 8.255	39.05	ADR	35.9	-39.1	35.85	54	-18.15	-	-	-	-	89	136	H
3	* 15.941	51	PK-U	40.6	-37.1	54.5	-	-	74	-19.5	-	-	171	153	H
	* 15.941	39.14	ADR	40.6	-37.1	42.64	54	-11.36	-	-	-	-	171	153	H
2	12.792	50.33	PK-U	39.2	-38.1	51.43	-	-	-	-	68.2	-16.77	181	262	H
6	* 15.593	50.89	PK-U	40.3	-38.8	52.39	-	-	74	-21.61	-	-	186	169	V
	* 15.594	40.33	ADR	40.3	-38.7	41.93	54	-12.07	-	-	-	-	186	169	V
5	9.516	50.97	PK-U	36.7	-39.4	48.27	-	-	-	-	68.2	-19.93	202	243	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

CHANNEL 142 RESULTS



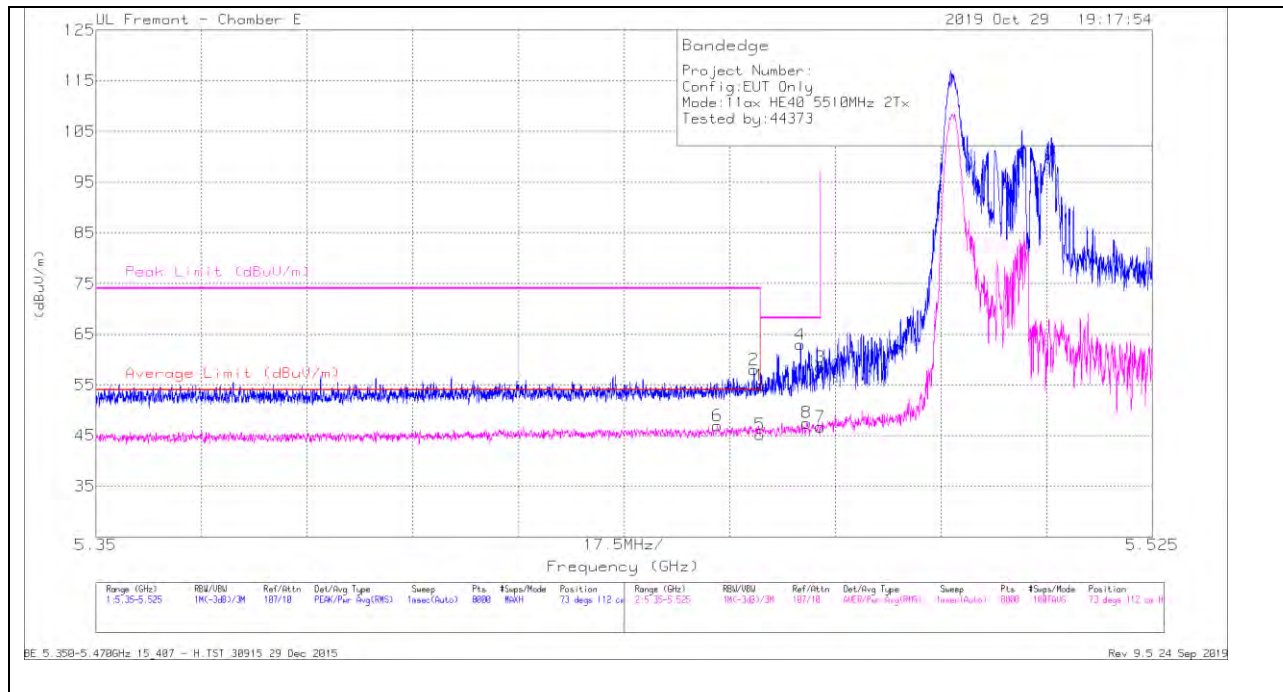
RADIATED EMISSIONS

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T345 (dB/m)	Amp/Cbl/Ftr/Pa d (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	* 4.782	55.08	PK-U	34.1	-44.1	45.06	-	-	74	-28.92	-	-	196	216	H
	* 4.783	43.25	ADR	34.1	-44.1	33.25	54	-20.75	-	-	-	-	196	216	H
4	* 2.276	57.18	PK-U	31.7	-46	42.88	-	-	74	-31.12	-	-	220	234	V
	* 2.278	44.67	ADR	31.7	-46	30.37	54	-23.63	-	-	-	-	220	234	V
1	7.05	51.39	PK-U	35.6	-41.1	45.89	-	-	-	-	68.2	-22.31	178	224	H
3	16.217	50.8	PK-U	41	-37.8	54	-	-	-	-	68.2	-14.2	167	231	H
5	* 9.093	50.82	PK-U	36.3	-38.5	48.62	-	-	74	-25.38	-	-	273	209	V
	* 9.091	39.83	ADR	36.3	-38.5	37.63	54	-16.37	-	-	-	-	273	209	V
6	* 15.433	50.85	PK-U	40.3	-37.7	53.45	-	-	74	-20.55	-	-	233	227	V
	* 15.434	40.42	ADR	40.3	-37.7	43.02	54	-10.98	-	-	-	-	233	227	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

BANDEDGE (LOW CHANNEL)**HORIZONTAL RESULT**

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T119 (dB/m)	Amp/Cbl/Fitr/Pad (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 5.45998	41.59	Pk	34.6	-21.3	54.89	-	-	74	-19.11	73	112	H
2	* 5.459	44.71	Pk	34.6	-21.3	58.01	-	-	74	-15.99	73	112	H
5	* 5.45998	31.95	RMS	34.6	-21.3	45.25	54	-8.75	-	-	73	112	H
6	* 5.45294	33.75	RMS	34.5	-21.3	46.95	54	-7.05	-	-	73	112	H
4	5.46672	49.78	Pk	34.5	-21.3	62.98	-	-	68.2	-5.22	73	112	H
8	5.4677	34.3	RMS	34.5	-21.3	47.5	-	-	-	-	73	112	H
3	5.46998	45.15	Pk	34.6	-21.3	58.45	-	-	68.2	-9.75	73	112	H
7	5.46998	33.4	RMS	34.6	-21.3	46.7	-	-	-	-	73	112	H

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

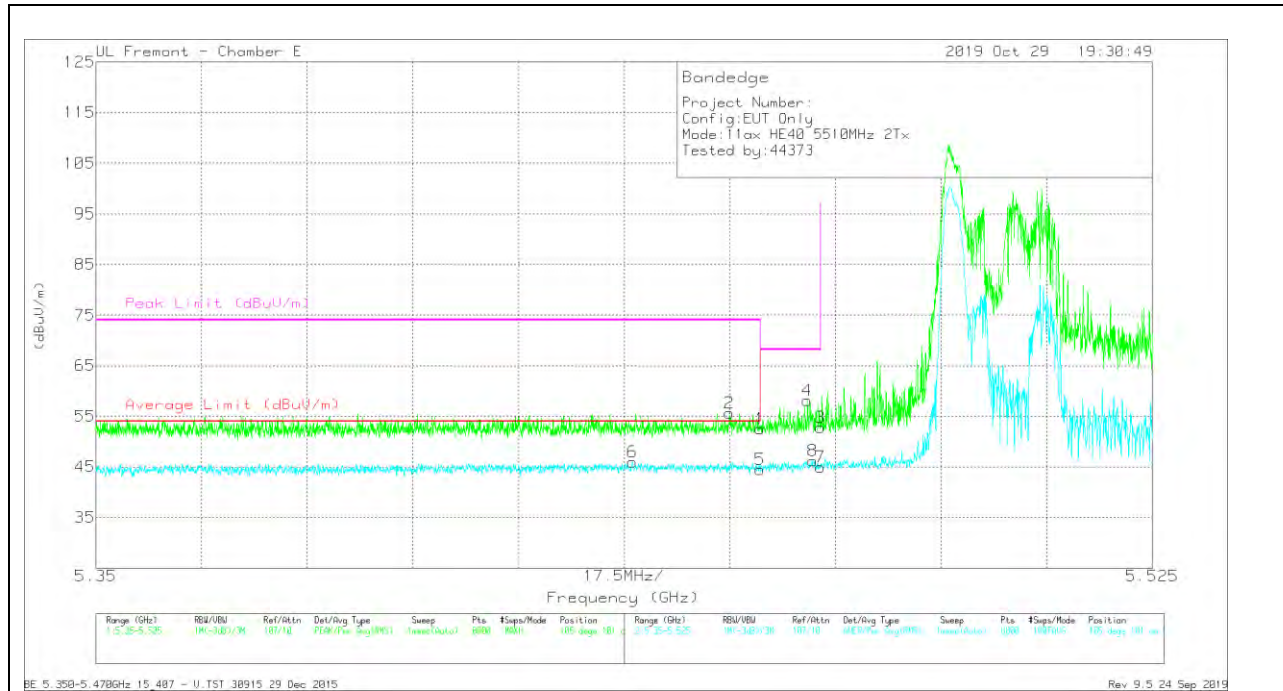
Pk - Peak detector

RMS - RMS detection

BE 5.350-5.470GHz 15_407 - H.TST 30915 29 Dec 2015

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VERTICAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T119 (dB/m)	Amp/Cbl/Filtr/Pad (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 5.45998	39.25	Pk	34.6	-21.3	52.55	-	-	74	-21.45	105	101	V
2	* 5.45495	42.38	Pk	34.6	-21.3	55.68	-	-	74	-18.32	105	101	V
5	* 5.45998	31.1	RMS	34.6	-21.3	44.4	54	-9.6	-	-	105	101	V
6	* 5.43885	32.74	RMS	34.5	-21.3	45.94	54	-8.06	-	-	105	101	V
4	5.46786	44.88	Pk	34.5	-21.3	58.08	-	-	68.2	-10.12	105	101	V
8	5.46873	32.93	RMS	34.6	-21.3	46.23	-	-	-	-	105	101	V
3	5.46998	39.45	Pk	34.6	-21.3	52.75	-	-	68.2	-15.45	105	101	V
7	5.46998	31.62	RMS	34.6	-21.3	44.92	-	-	-	-	105	101	V

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

BE 5.350-5.470GHz 15_407 - V.TST 30915 29 Dec 2015
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