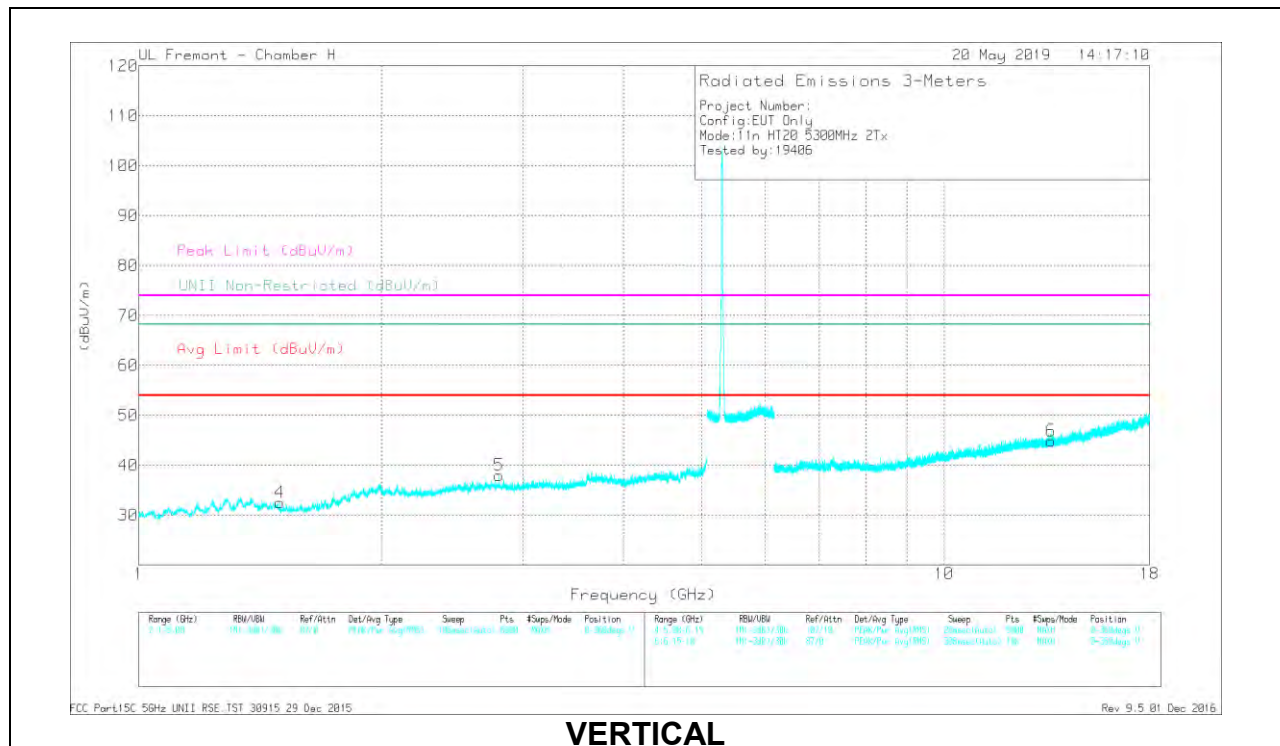
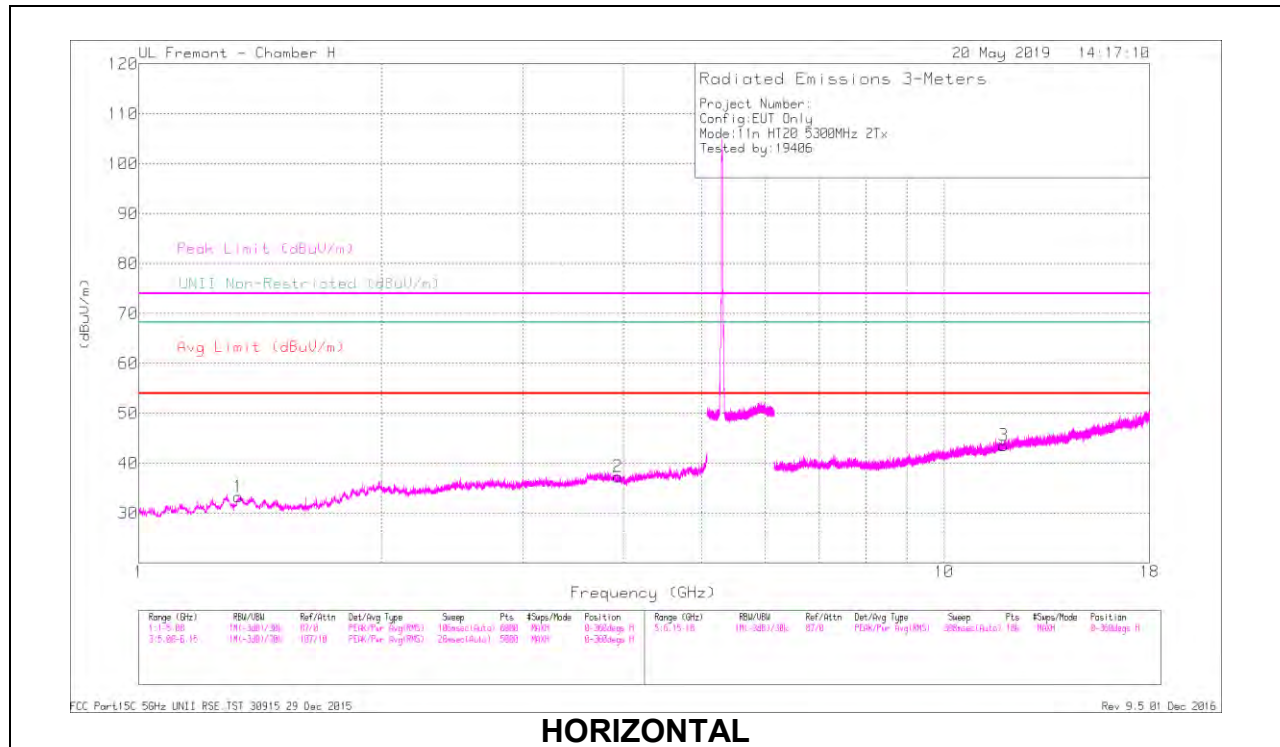


MID CHANNEL RESULTS



RADIATED EMISSIONS

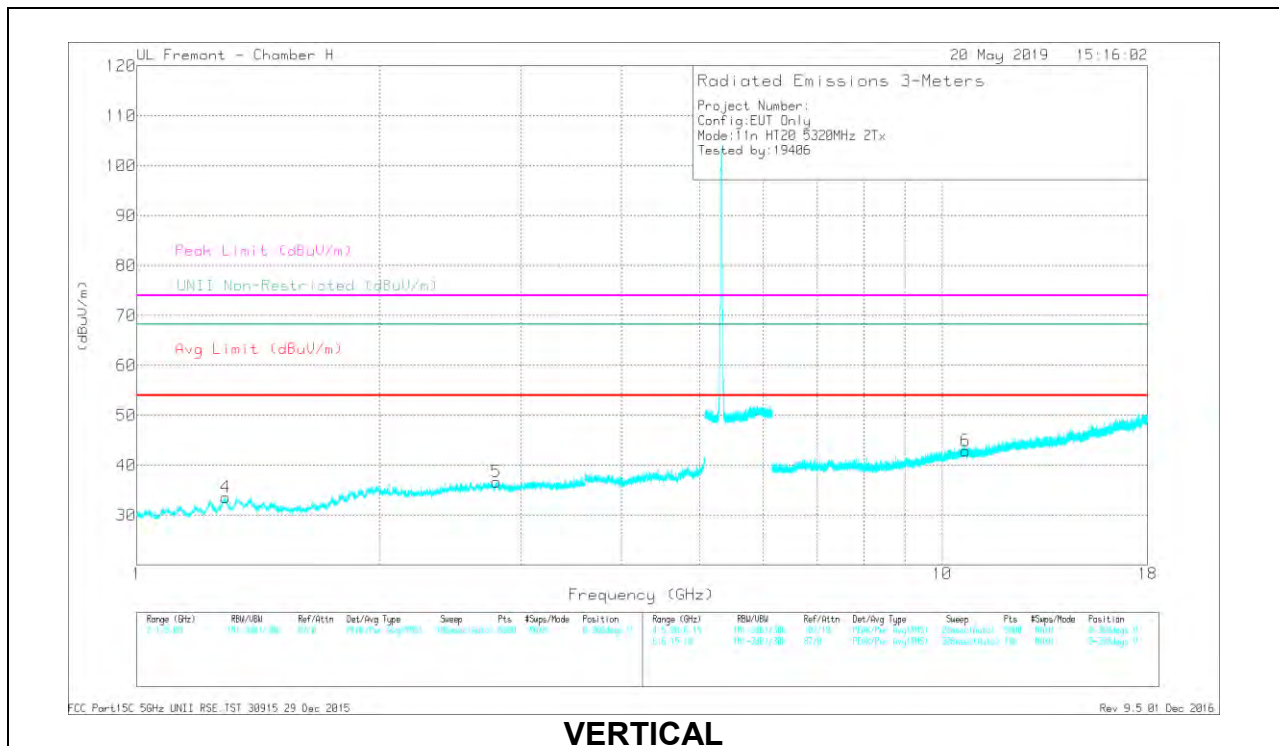
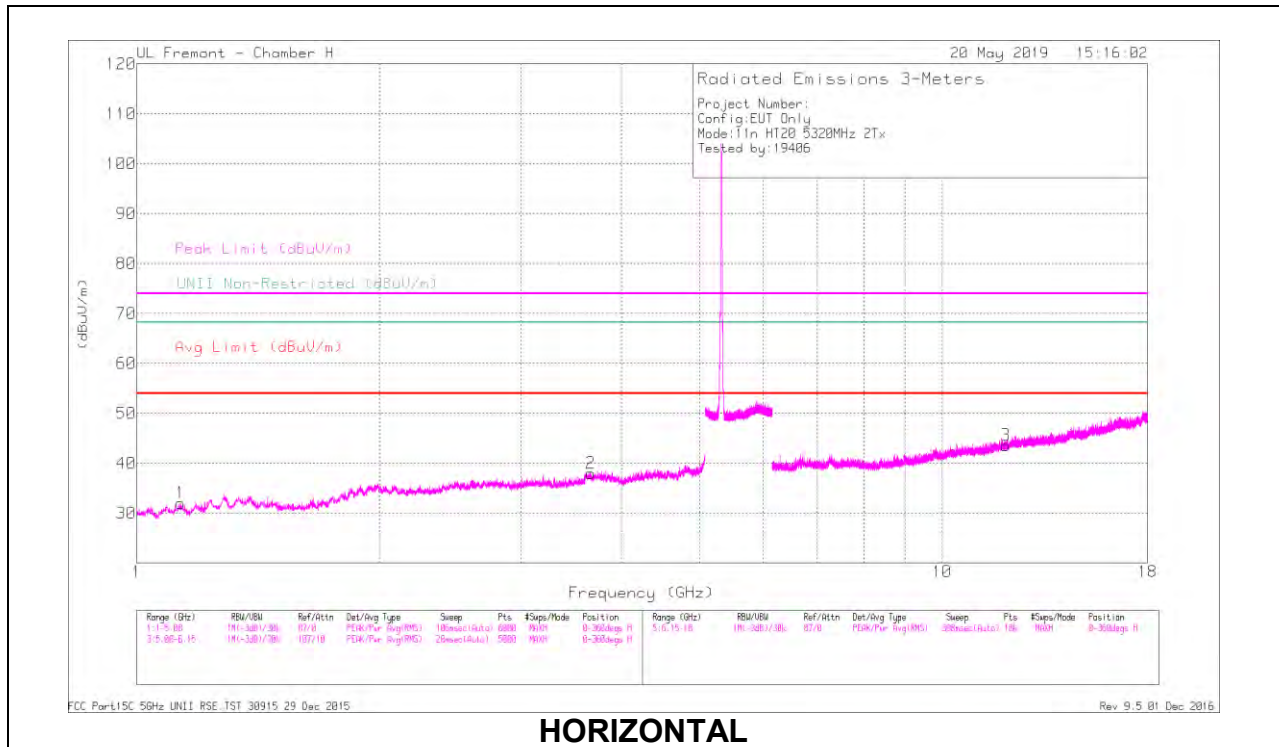
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T136 (dBm)	Amp/Cbl/Filt/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 1.328	45.06	PK-U	29.1	-32.8	0	41.36	-	-	74	-32.64	-	-	173	137	H
	* 1.331	32.98	ADR	29.1	-32.9	0	29.18	54	-24.82	-	-	-	-	173	137	H
2	* 3.937	42.03	PK-U	33.3	-30.7	0	44.63	-	-	74	-29.37	-	-	165	245	H
	* 3.938	30.53	ADR	33.3	-30.7	0	33.13	54	-20.87	-	-	-	-	165	245	H
4	* 1.498	43.96	PK-U	28.1	-32.8	0	39.26	-	-	74	-34.74	-	-	214	295	V
	* 1.497	32.49	ADR	28.1	-32.9	0	27.69	54	-26.31	-	-	-	-	214	295	V
5	* 2.8	43.49	PK-U	32.5	-31.8	0	44.19	-	-	74	-29.81	-	-	90	318	V
	* 2.799	31.91	ADR	32.5	-31.8	0	32.61	54	-21.39	-	-	-	-	90	318	V
3	* 11.859	35.87	PK-U	38.7	-23.6	0	50.97	-	-	74	-23.03	-	-	203	278	H
	* 11.859	24.83	ADR	38.7	-23.6	0	39.93	54	-14.07	-	-	-	-	203	278	H
6	13.582	23.64	ADR	39.2	-22.1	0	40.74	-	-	-	-	-	-	28	244	V
	13.583	34.59	PK-U	39.2	-22.1	0	51.69	-	-	-	-	68.2	-16.51	28	244	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 T136 (dBm)	Amp/Cbl/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)	Azimuth (Degs)	Height (cm)	Polarity
1	* 1.132	45.4	PK-U	27.6	-33.2	0	39.8	-	-	74	-34.2	-	-	213	338	H
	* 1.132	33.3	ADR	27.6	-33.2	0	27.7	54	-26.3	-	-	-	-	213	338	H
2	* 3.662	41.38	PK-U	33.1	-30.8	0	43.68	-	-	74	-30.32	-	-	182	362	H
	* 3.659	30.4	ADR	33.1	-30.9	0	32.6	54	-21.4	-	-	-	-	182	362	H
4	* 1.287	44.6	PK-U	29.2	-32.9	0	40.9	-	-	74	-33.1	-	-	121	392	V
	* 1.288	33.19	ADR	29.2	-32.9	0	29.49	54	-24.51	-	-	-	-	121	392	V
5	* 2.797	43.27	PK-U	32.5	-31.8	0	43.97	-	-	74	-30.03	-	-	78	132	V
	* 2.793	31.86	ADR	32.6	-31.8	0	32.66	54	-21.34	-	-	-	-	78	132	V
3	* 11.999	36.3	PK-U	38.8	-23.6	0	51.5	-	-	74	-22.5	-	-	308	165	H
	* 11.999	24.74	ADR	38.8	-23.6	0	39.94	54	-14.06	-	-	-	-	308	165	H
6	* 10.698	35.57	PK-U	37.8	-23.5	0	49.87	-	-	74	-24.13	-	-	7	218	V
	* 10.696	24.67	ADR	37.8	-23.4	0	39.07	54	-14.93	-	-	-	-	7	218	V

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

PK-U - U-NII: Maximum Peak

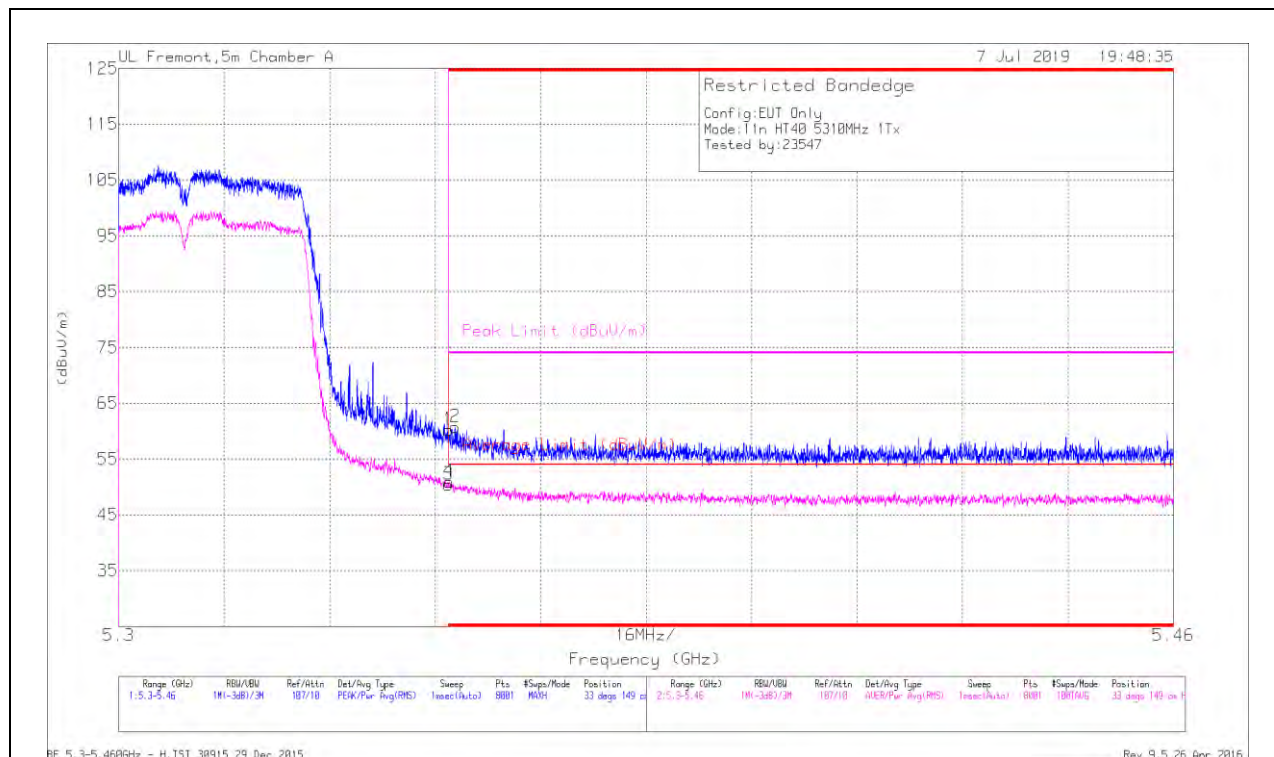
ADR - U-NII AD primary method, RMS average

1.1.8. TX ABOVE 1 GHz 802.11n HT40 MODE IN THE 5.3 GHz BAND

1TX Antenna 6 MODE

BANDEDGE (HIGH CHANNEL)

HORIZONTAL RESULT



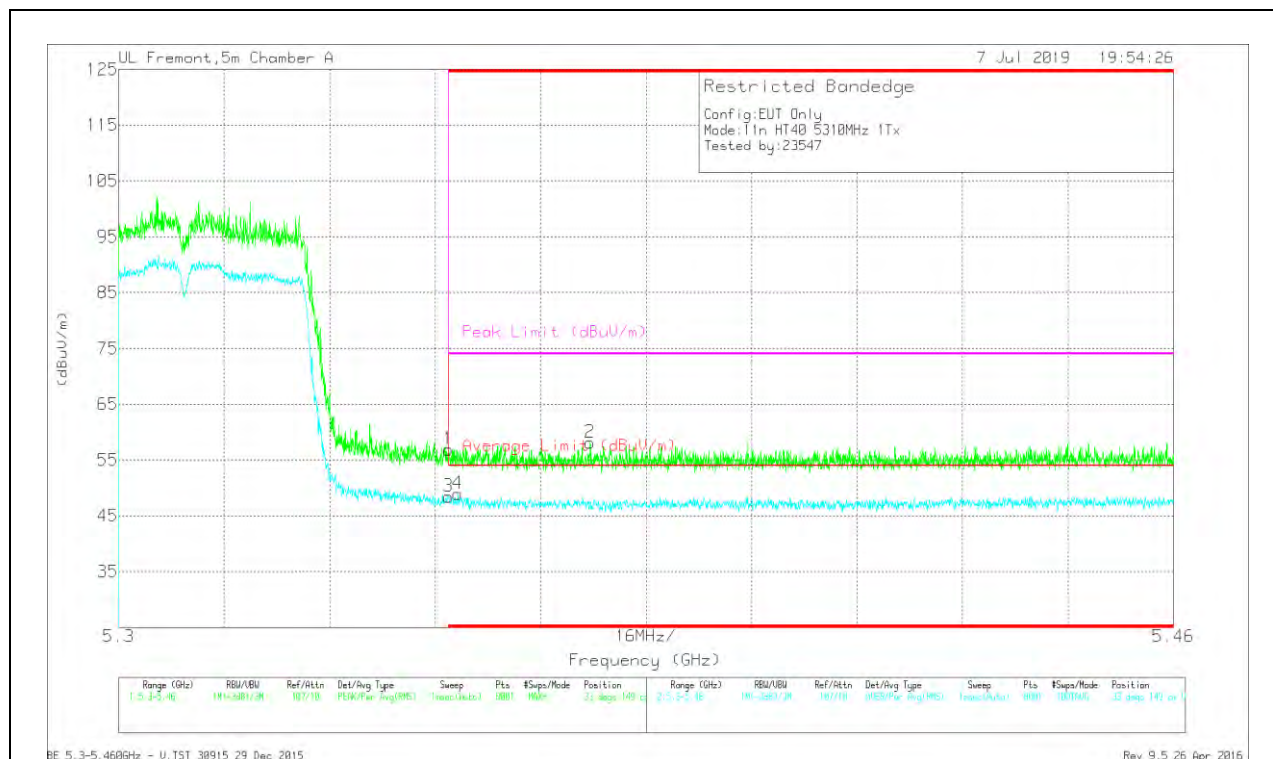
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T346 (dB/m)	Amp/Cbl/Filtr/P ad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 5.35	42.98	Pk	35	-17.7	0	60.28	-	-	74	-13.72	33	149	H
2	* 5.351	43.37	Pk	35	-17.7	0	60.67	-	-	74	-13.33	33	149	H
3	* 5.35	33.16	RMS	35	-17.7	0.12	50.58	54	3.42	-	-	33	149	H
4	* 5.35	33.59	RMS	35	-17.7	0.12	51.01	54	2.99	-	-	33	149	H

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

Pk - Peak detector

RMS - RMS detection

VERTICAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T346 (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	* 5.35	39.56	Pk	35	-17.7	0	56.86	-	-	74	-17.14	33	149	V
2	* 5.372	40.77	Pk	34.9	-17.6	0	58.07	-	-	74	-15.93	33	149	V
3	* 5.35	31.17	RMS	35	-17.7	0.12	48.59	54	-5.41	-	-	33	149	V
4	* 5.351	31.67	RMS	35	-17.7	0.12	49.09	54	-4.91	-	-	33	149	V

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

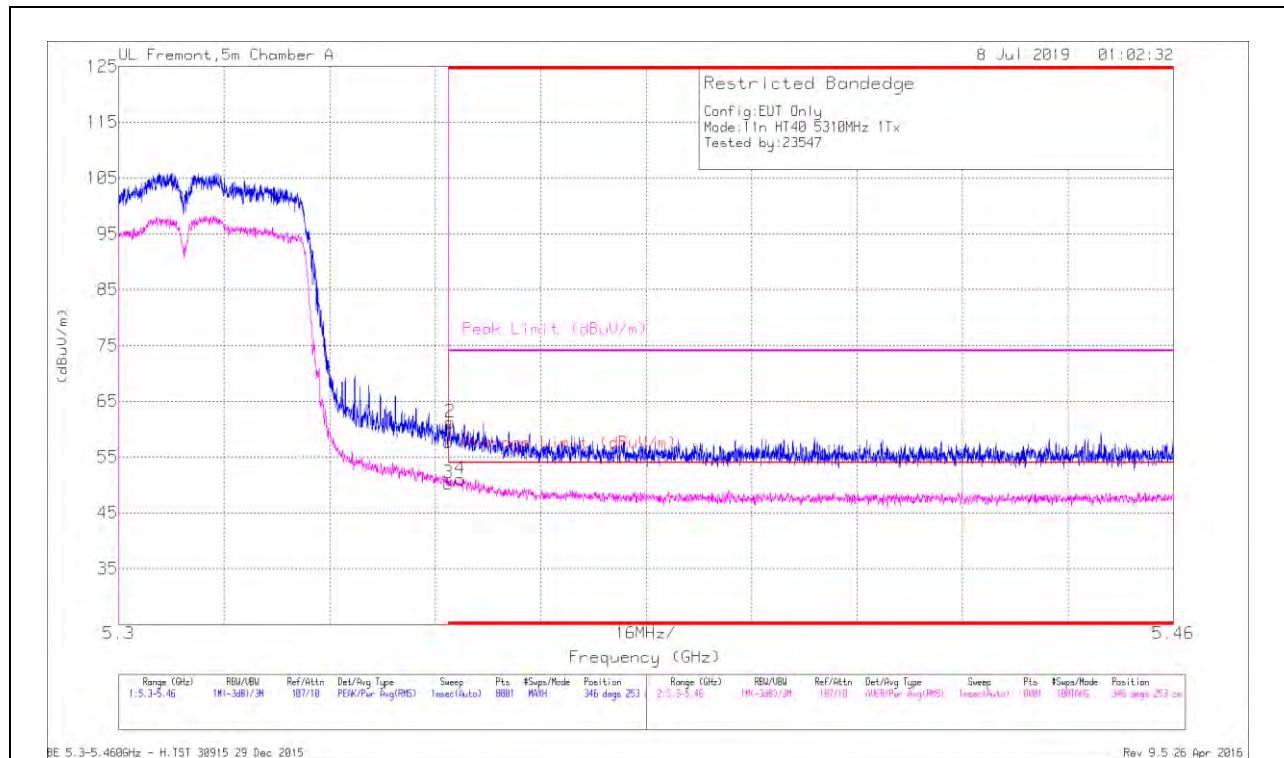
Pk - Peak detector

RMS - RMS detection

1TX Antenna 5 MODE

BANDEDGE (HIGH CHANNEL)

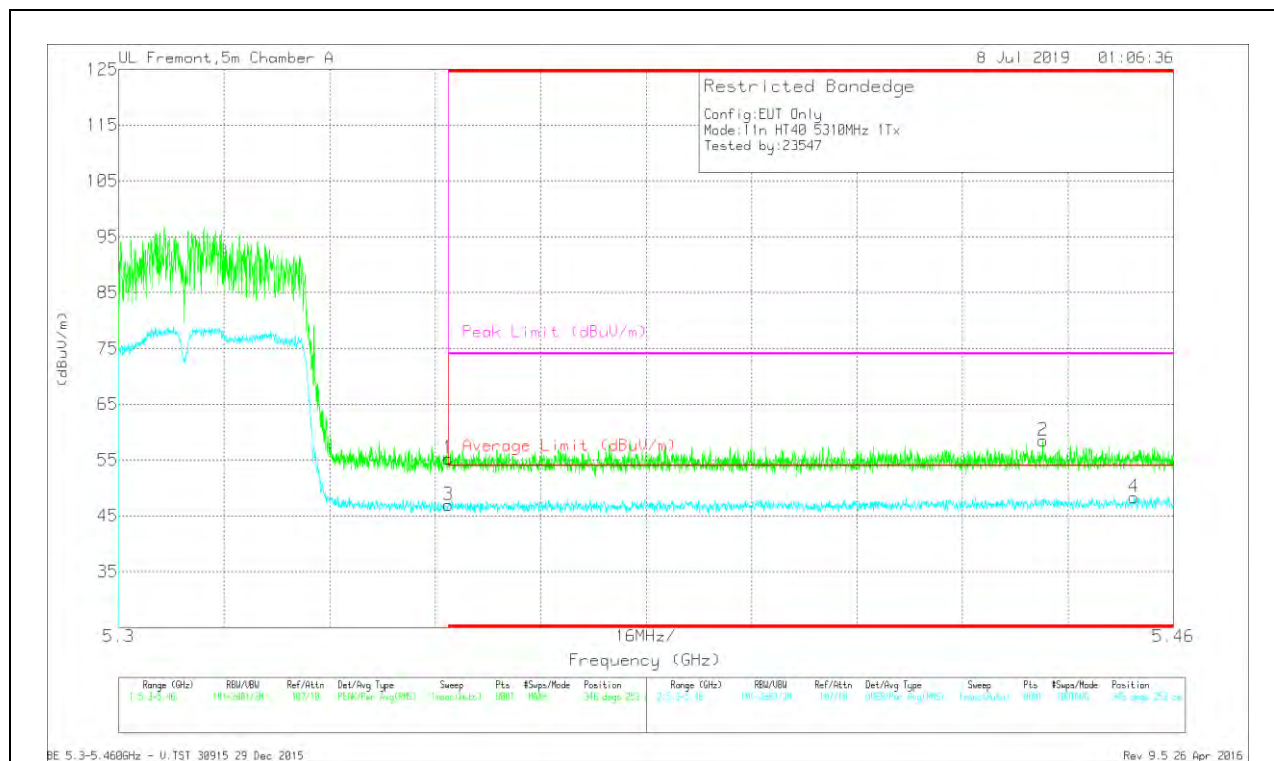
HORIZONTAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T346 (dB/m)	Amp/Cbl/Filtri/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	* 5.35	40.46	Pk	35	-17.7	0	57.76	-	-	74	-16.24	346	253	H
2	* 5.35	43.96	Pk	35	-17.7	0	61.26	-	-	74	-12.74	346	253	H
3	* 5.35	33.04	RMS	35	-17.7	0.12	50.46	54	-3.54	-	-	346	253	H
4	* 5.352	33.76	RMS	35	-17.7	0.12	51.18	54	-2.82	-	-	346	253	H

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

VERTICAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T346 (dB/m)	Amp/Cbl/Filtr/P ad (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	* 5.35	37.92	Pk	35	-17.7	0	55.22	-	-	74	-18.78	346	253	V
2	* 5.44	41.11	Pk	34.9	-17.5	0	58.51	-	-	74	-15.49	346	253	V
3	* 5.35	29.59	RMS	35	-17.7	0.12	47.01	54	-6.99	-	-	346	253	V
4	* 5.454	30.93	RMS	34.9	-17.5	0.12	48.45	54	-5.55	-	-	346	253	V

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

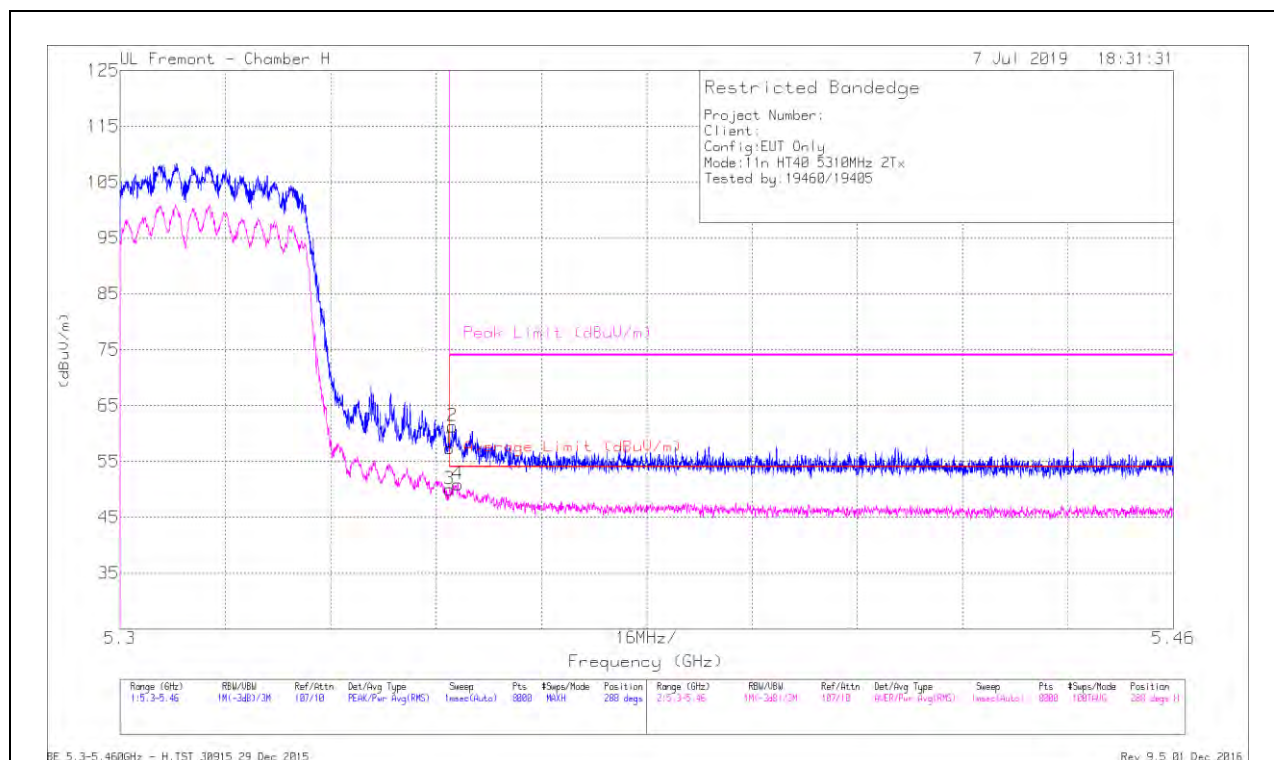
Pk - Peak detector

RMS - RMS detection

2TX Antenna 6 + Antenna 5 CDD MODE

BANDEDGE (HIGH CHANNEL)

HORIZONTAL RESULT



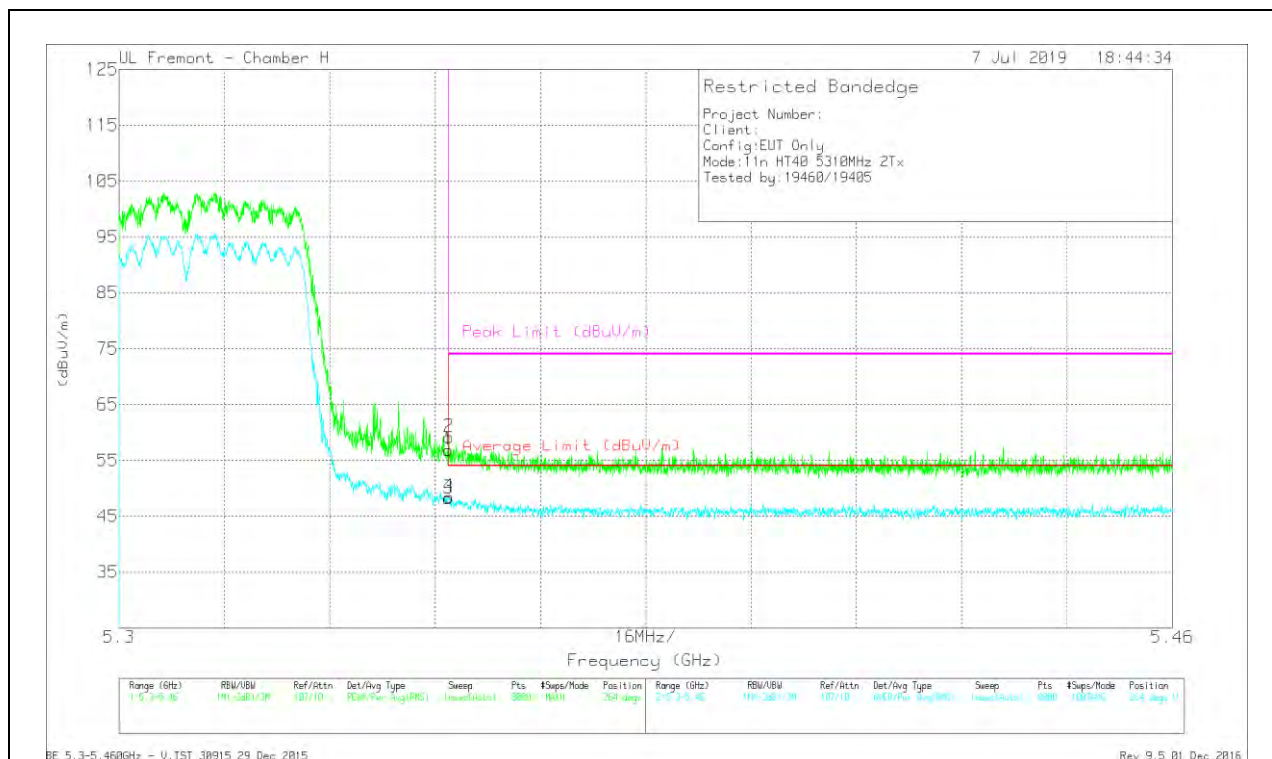
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T863 (dB/m)	Amp/Cbl/Filtr/P ad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 5.35	42.97	Pk	34.9	-20.5	0	57.37	-	-	74	-16.63	288	129	H
2	* 5.35	46.91	Pk	34.9	-20.5	0	61.31	-	-	74	-12.69	288	129	H
3	* 5.35	35.58	RMS	34.9	-20.5	0.09	50.07	54	-3.93	-	-	288	129	H
4	* 5.351	36.51	RMS	34.9	-20.5	0.09	51	54	-3.00	-	-	288	129	H

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

Pk - Peak detector

RMS - RMS detection

VERTICAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T863 (dB/m)	Amp/Cbl/Filtr/P ad (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	* 5.35	42.47	Pk	34.9	-20.5	0	56.87	-	-	74	-17.13	264	118	V
2	* 5.35	44.79	Pk	34.9	-20.5	0	59.19	-	-	74	-14.81	264	118	V
3	* 5.35	33.84	RMS	34.9	-20.5	0.09	48.33	54	-5.67	-	-	264	118	V
4	* 5.35	34.08	RMS	34.9	-20.5	0.09	48.57	54	-5.43	-	-	264	118	V

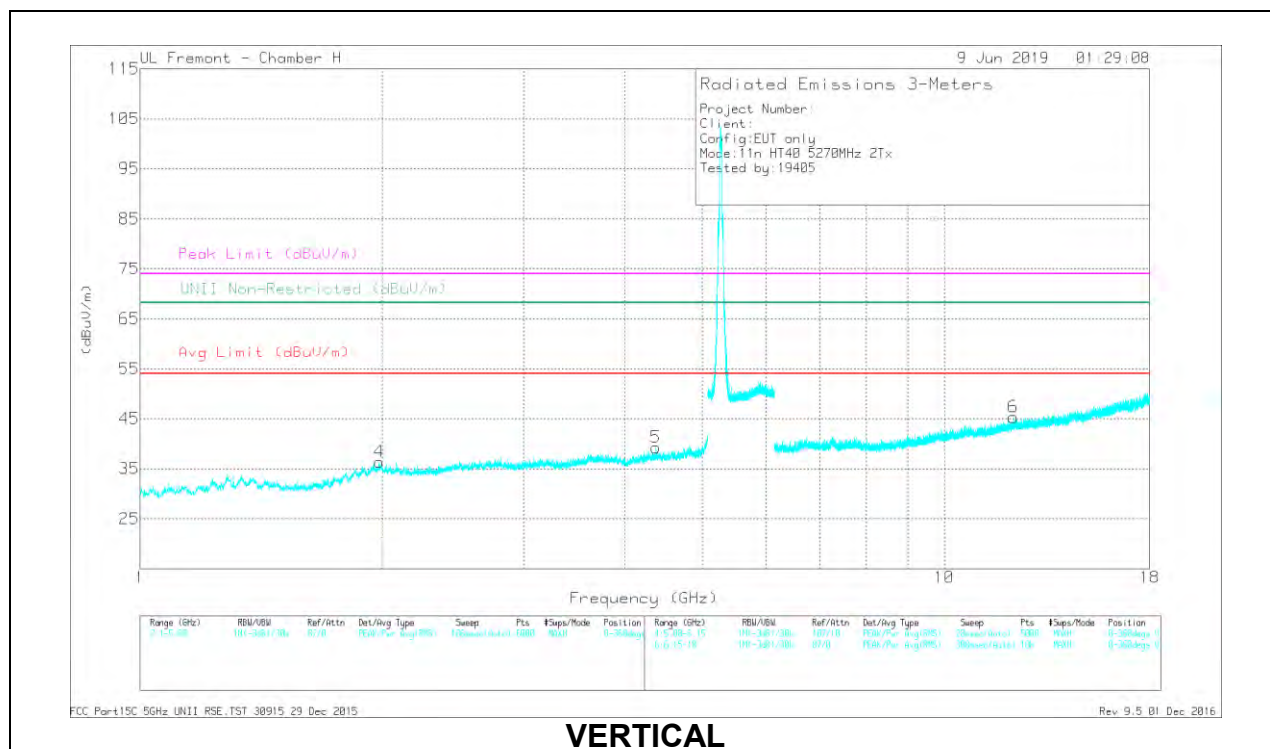
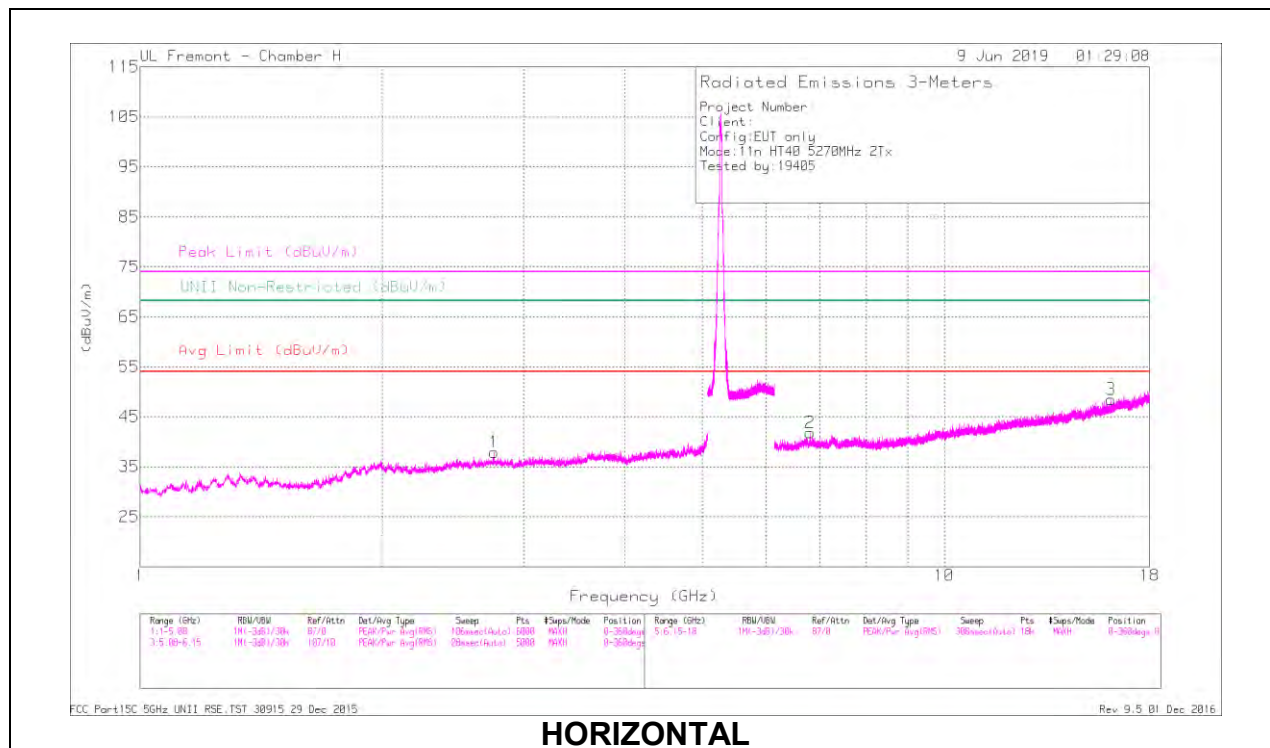
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

Pk - Peak detector

RMS - RMS detection

HARMONICS AND SPURIOUS EMISSIONS

LOW CHANNEL RESULTS



RADIATED EMISSIONS

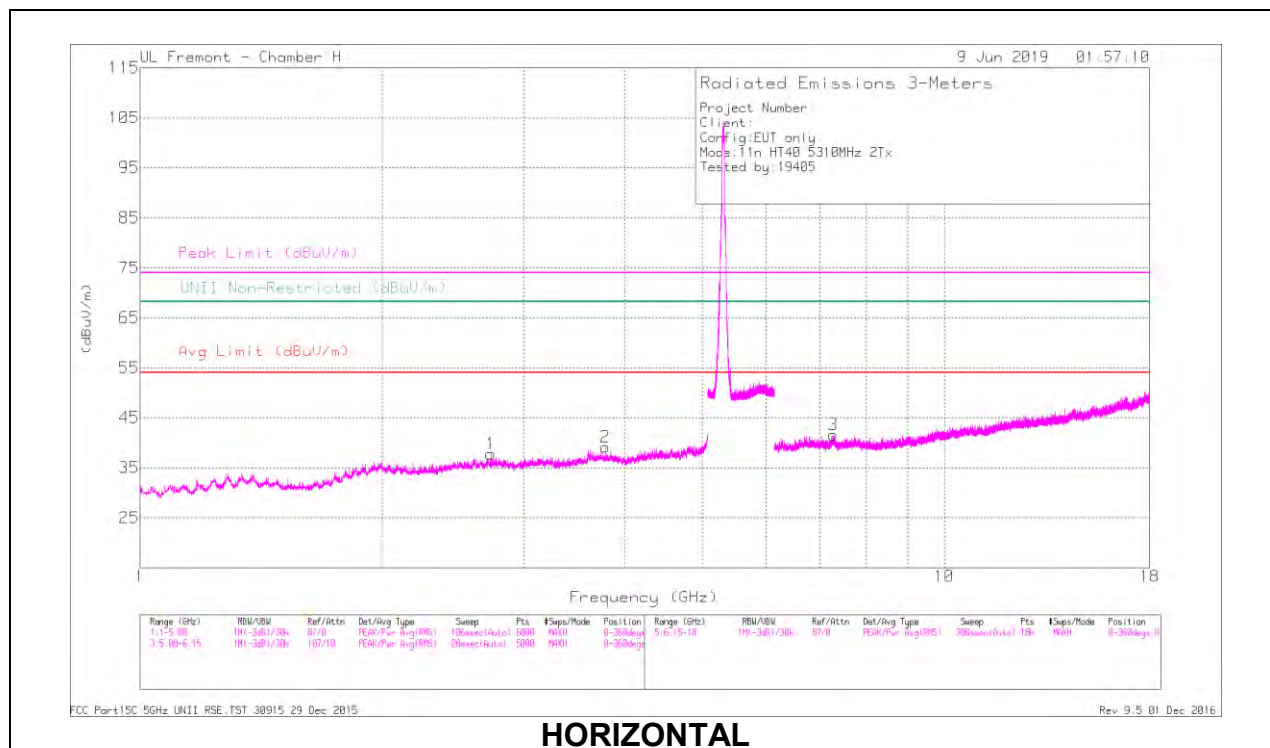
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T136 (dBm)	Amp/Cbl/Filt/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.755	43.42	PK-U	32.5	-31.8	0	44.12	-	-	74	-29.88	-	-	0	100	H
	* 2.754	31.67	ADR	32.5	-31.8	0.09	32.46	54	-21.54	-	-	-	-	0	100	H
5	* 4.382	41.81	PK-U	33.8	-30.1	0	45.51	-	-	74	-28.49	-	-	0	100	V
	* 4.382	30.21	ADR	33.8	-30.1	0.09	34.00	54	-20.00	-	-	-	-	0	100	V
3	* 16.124	35.34	PK-U	41.2	-22.1	0	54.44	-	-	74	-19.56	-	-	0	100	H
	* 16.122	24.19	ADR	41.2	-22.2	0.09	43.28	54	-10.72	-	-	-	-	0	100	H
6	* 12.187	35.24	PK-U	39.1	-23.4	0	50.94	-	-	74	-23.06	-	-	0	100	V
	* 12.187	24.45	ADR	39.1	-23.4	0.09	40.24	54	-13.76	-	-	-	-	0	100	V
4	1.985	44.09	PK-U	31.9	-32.2	0	43.79	-	-	-	-	68.2	-24.41	0	100	V
	1.985	32.15	ADR	31.9	-32.2	0.09	31.94	-	-	-	-	-	-	0	100	V
2	6.808	28.28	ADR	36.8	-28.7	0	36.38	-	-	-	-	-	-	0	100	H
	6.812	39.06	PK-U	36.7	-28.7	0.09	47.15	-	-	-	-	68.2	-21.14	0	100	H

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

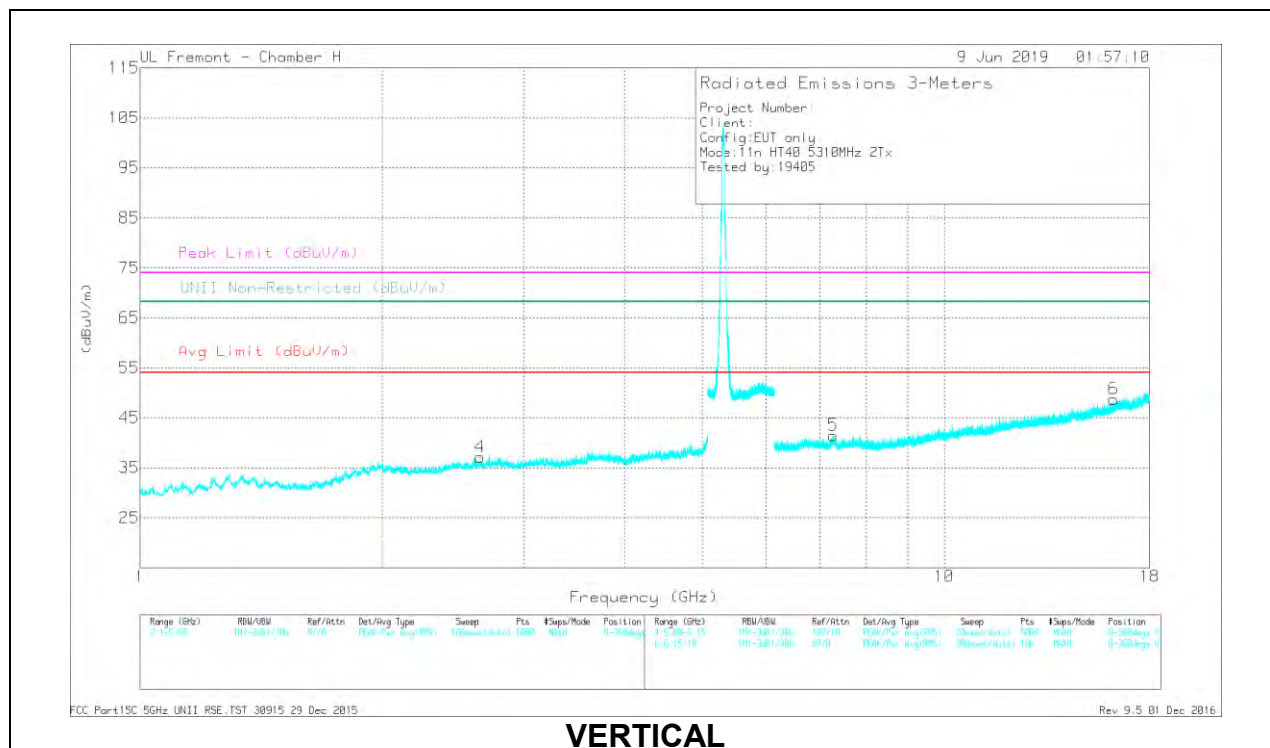
PK-U - U-NII: Maximum Peak

ADR - U-NII AD primary method, RMS average

HIGH CHANNEL RESULTS



HORIZONTAL



VERTICAL

RADIATED EMISSIONS

Marker	Frequenc y (GHz)	Meter Reading (dBuV)	Det	AF T136 (dBm)	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	* 2.728	42.54	PK-U	32.6	-31.6	0	43.54	-	-	74	-30.46	-	-	0	100	H
	* 2.731	31.32	ADR	32.5	-31.6	0.09	32.31	54	-21.69	-	-	-	-	0	100	H
2	* 3.789	41.66	PK-U	33.4	-30.8	0	44.26	-	-	74	-29.74	-	-	0	100	H
	* 3.792	30.49	ADR	33.4	-30.8	0.09	33.18	54	-20.82	-	-	-	-	0	100	H
3	* 7.272	37.99	PK-U	36.4	-26.2	0	48.19	-	-	74	-25.81	-	-	0	100	H
	* 7.272	27.05	ADR	36.4	-26.2	0.09	37.34	54	-16.66	-	-	-	-	0	100	H
5	* 7.279	37.96	PK-U	36.3	-26.3	0	47.96	-	-	74	-26.04	-	-	0	100	V
	* 7.281	27.01	ADR	36.3	-26.4	0.09	37.00	54	-17.00	-	-	-	-	0	100	V
4	2.645	42.67	PK-U	32.6	-31.3	0	43.97	-	-	-	-	68.2	-24.23	0	100	V
	2.648	31.06	ADR	32.6	-31.3	0.09	32.45	-	-	-	-	-	-	0	100	V
6	16.242	24.02	ADR	41.3	-22	0.09	43.41	-	-	-	-	-	-	0	100	V
	16.243	35.38	PK-U	41.3	-22	0	54.68	-	-	-	-	68.2	-13.52	0	100	V

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

PK-U - U-NII: Maximum Peak

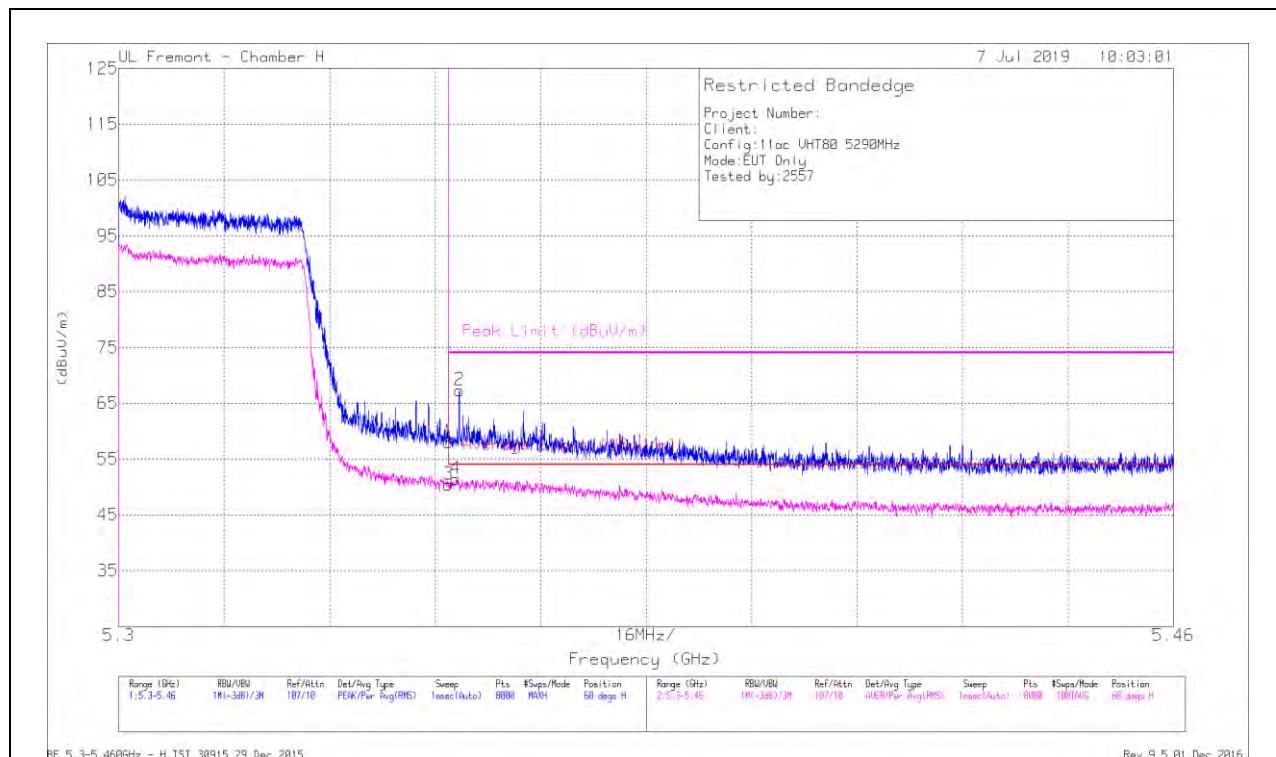
ADR - U-NII AD primary method, RMS average

1.1.9. TX ABOVE 1 GHz 802.11ac VHT80 MODE IN THE 5.3 GHz BAND

1TX Antenna 6 MODE

BANDEDGE (MID CHANNEL)

HORIZONTAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T863 (dB/m)	Amp/Cbl/Filtr/P ad (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	* 5.35	43.59	Pk	34.9	-20.5	0	57.99	-	-	74	-16.01	60	111	H
2	* 5.352	52.93	Pk	34.9	-20.5	0	67.33	-	-	74	-6.67	60	111	H
3	* 5.35	36.07	RMS	34.9	-20.5	0.19	50.66	54	-3.34	-	-	60	111	H
4	* 5.351	36.97	RMS	34.9	-20.5	0.19	51.56	54	-2.44	-	-	60	111	H

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

Pk - Peak detector

RMS - RMS detection

UL Fremont - Chamber H

7 Jul 2019 18:19:39

Restricted Bandedge

Project Number:
Client:
Config: 11ac UHT80 5290MHz
Mode: EUT Only
Tested by: 2557

Peak Limit (dBuV/m)

2
0
6
34
00

dBuV/m

16MHz/
Frequency (GHz)

5.3 5.46

Range (GHz)	RBW/VBW	Ref/Attn	Det/Avg Type	Sweep	Pls	#Sups/Mode	Position	Range (GHz)	RBW/VBW	Ref/Attn	Det/Avg Type	Sweep	Pls	#Sups/Mode	Position
5.3-5.46	100kHz/30	100/10	EMV/Fac Avg(RMS)	Freeze/Video	5000	1000	PS Edge	5.3-5.46	100kHz/30	100/10	EMV/Fac Avg(RMS)	Freeze/Video	5000	1000	PS Edge

BE 5.3-5.460GHz - V.TST 30915 29 Dec 2015

Rev 9.5 01 Dec 2015

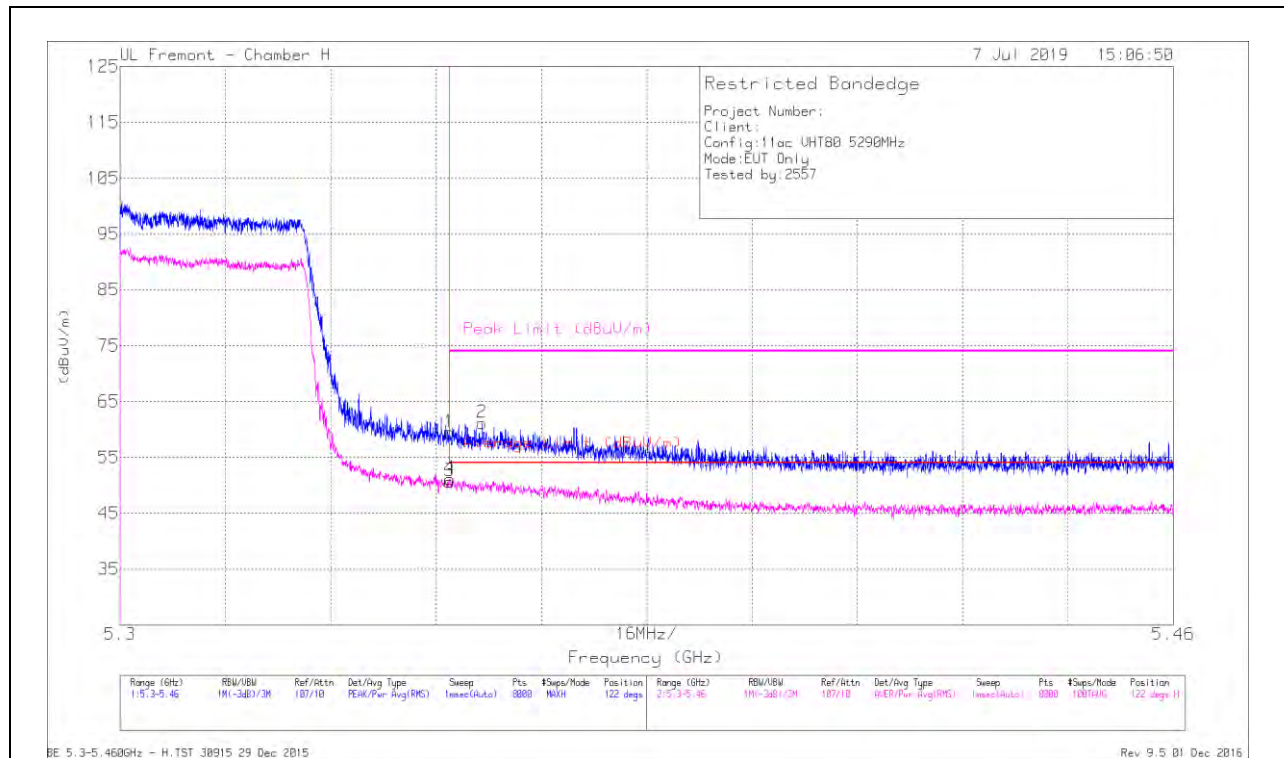
Marker	Frequenc (GHz)	Meter Reading (dBuV)	Det	AF T863 (dB/m)	Amp/Cal/Filt/rP ad (dB)	DC Corr (dB)	Correcte d Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 5.35	42.67	Pk	34.9	-20.5	0	57.07	-	-	74	-16.93	99	106	V
2	* 5.353	50.41	Pk	34.9	-20.5	0	64.81	-	-	74	-9.19	99	106	V
3	* 5.35	35.93	RMS	34.9	-20.5	0.19	50.52	54	-3.48	-	-	99	106	V
4	* 5.352	36.35	RMS	34.9	-20.5	0.19	50.84	54	-3.06	-	-	99	106	V

Pk - Peak detector
RMS - RMS detection

1TX Antenna 5 MODE

BANDEDGE (MID CHANNEL)

HORIZONTAL RESULT



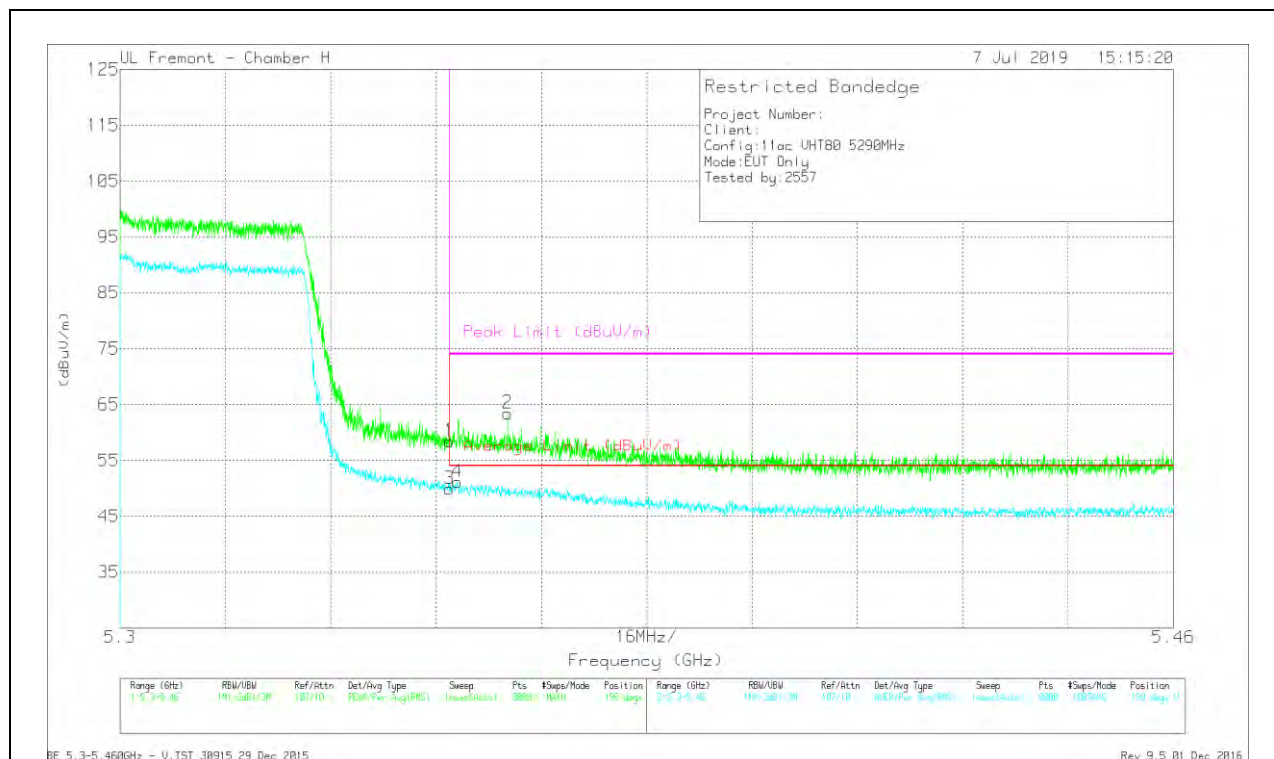
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T863 (dB/m)	Amp/Cbl/Filtr/P ad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 5.35	45.12	Pk	34.9	-20.5	0	59.52	-	-	74	-14.48	122	256	H
2	* 5.355	46.76	Pk	34.9	-20.5	0	61.16	-	-	74	-12.84	122	256	H
3	* 5.35	36.29	RMS	34.9	-20.5	0.19	50.88	54	-3.12	-	-	122	256	H
4	* 5.35	36.73	RMS	34.9	-20.5	0.19	51.32	54	-2.68	-	-	122	256	H

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

Pk - Peak detector

RMS - RMS detection

VERTICAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T863 (dB/m)	Amp/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	* 5.35	44.04	Pk	34.9	-20.5	0	58.44	-	-	74	-15.56	199	98	V
2	* 5.359	49.04	Pk	34.9	-20.5	0	63.44	-	-	74	-10.56	199	98	V
3	* 5.35	35.51	RMS	34.9	-20.5	0.19	50.10	54	-3.9	-	-	199	98	V
4	* 5.351	36.72	RMS	34.9	-20.5	0.19	51.31	54	-2.69	-	-	199	98	V

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

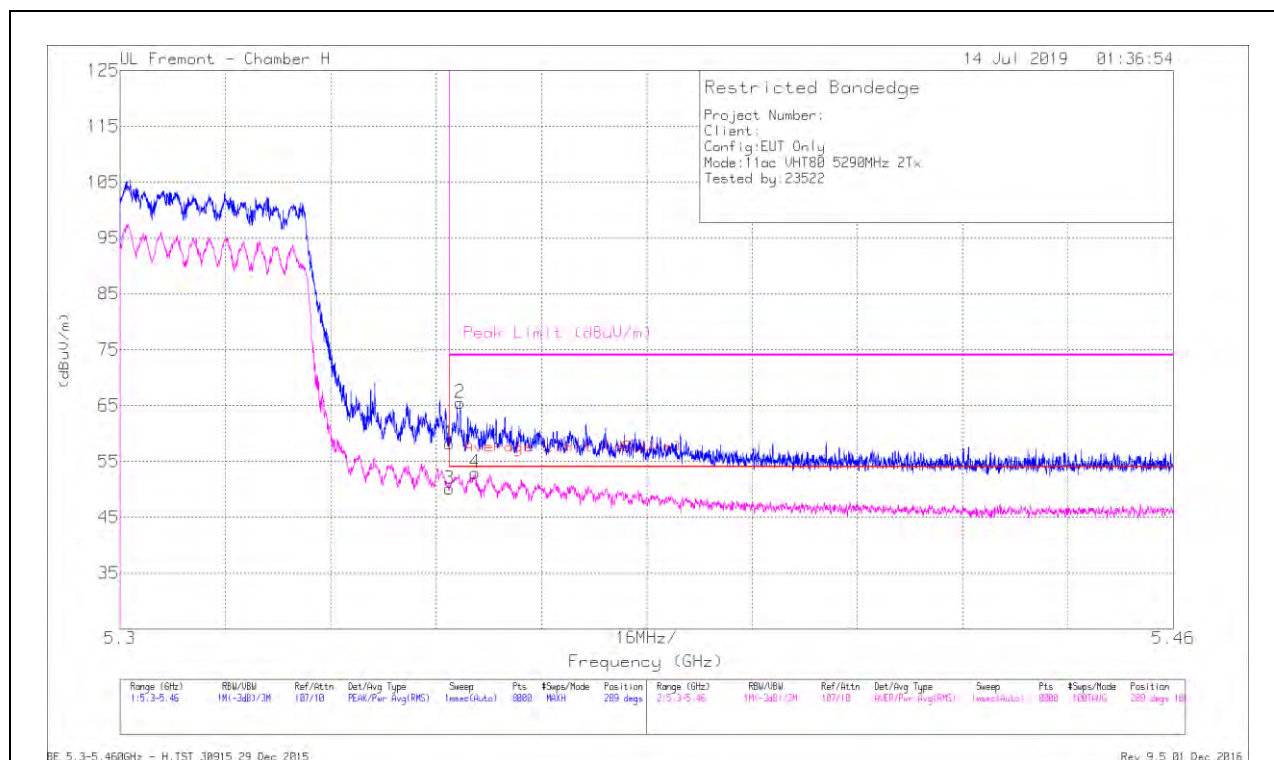
Pk - Peak detector

RMS - RMS detection

2TX Antenna 6 + Antenna 5 CDD MODE

BANDEDGE (MID CHANNEL)

HORIZONTAL RESULT



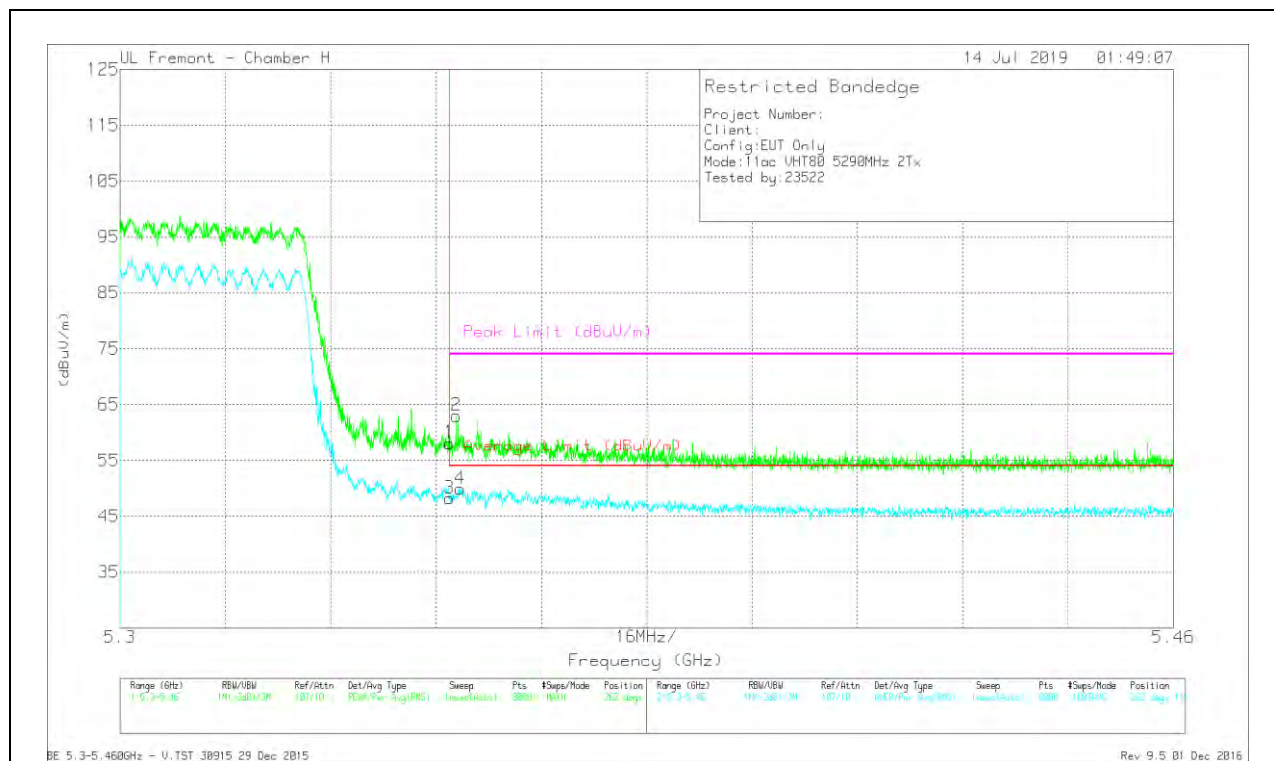
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T863 (dB/m)	Amp/Cbl/Filtr/P ad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 5.35	43.83	Pk	34.9	-20.5	0	58.23	-	-	74	-15.77	289	100	H
2	* 5.352	51.09	Pk	34.9	-20.5	0	65.49	-	-	74	-8.51	289	100	H
3	* 5.35	35.74	RMS	34.9	-20.5	0.19	50.33	54	-3.67	-	-	289	100	H
4	* 5.354	38.58	RMS	34.9	-20.5	0.19	53.17	54	-0.83	-	-	289	100	H

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

Pk - Peak detector

RMS - RMS detection

VERTICAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T863 (dB/m)	Amp/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	* 5.35	43.71	Pk	34.9	-20.5	0	58.11	-	-	74	-15.89	262	116	V
2	* 5.351	48.6	Pk	34.9	-20.5	0	63	-	-	74	-11	262	116	V
3	* 5.35	33.79	RMS	34.9	-20.5	0.19	48.38	54	-5.62	-	-	262	116	V
4	* 5.352	35.5	RMS	34.9	-20.5	0.19	50.09	54	-3.91	-	-	262	116	V

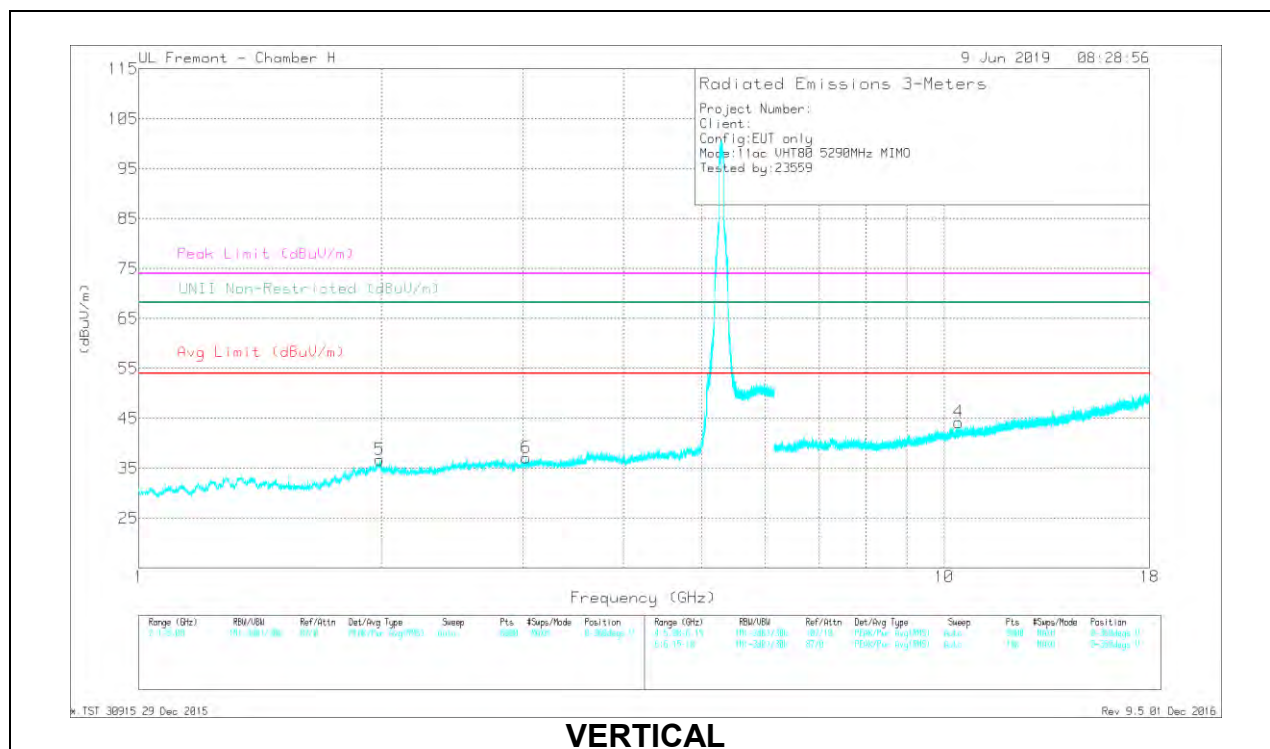
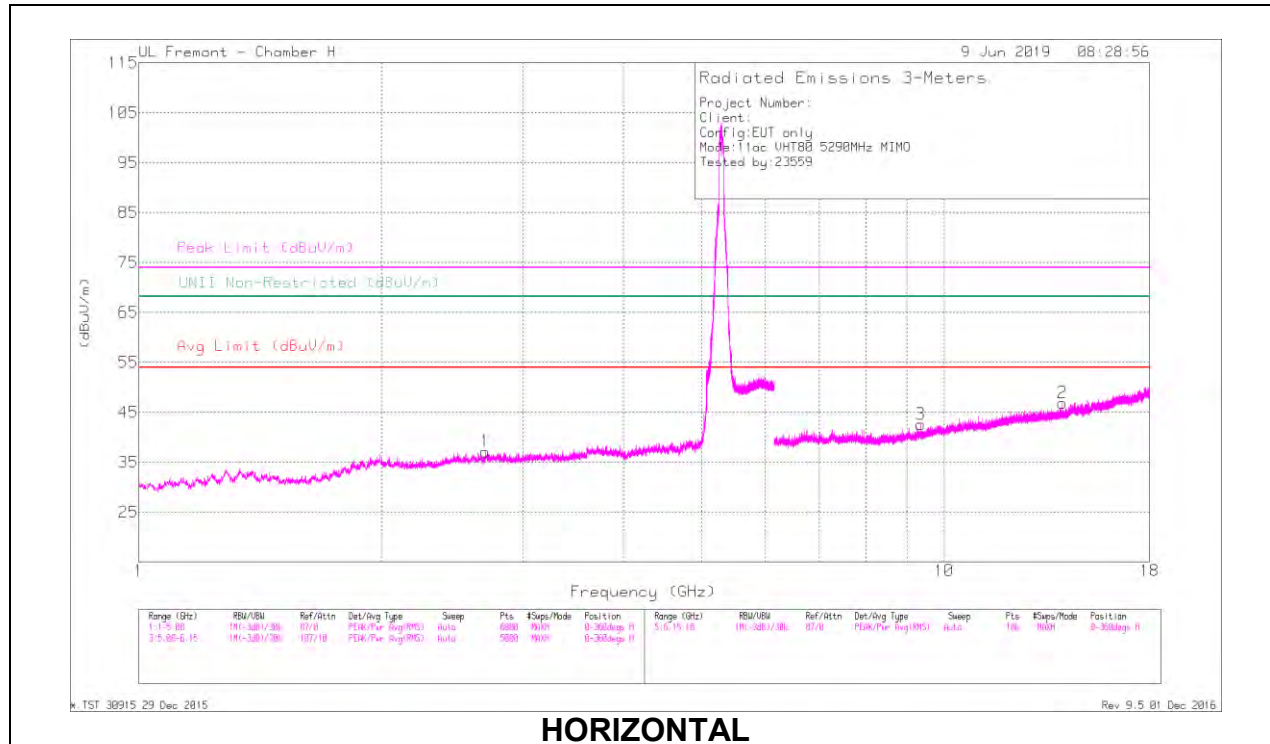
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

Pk - Peak detector

RMS - RMS detection

HARMONICS AND SPURIOUS EMISSIONS

MID CHANNEL RESULTS



RADIATED EMISSIONS

Frequency (GHz)	Meter Reading (dBuV)	Det	AF T136 (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
* 2.696	42.6	PK-U	32.6	-31.5	0	43.7	-	-	74	-30.3	-	-	221	147	H
* 2.697	31.01	ADR	32.6	-31.6	0.19	32.20	54	-21.80	-	-	-	-	221	147	H
* 2.697	43.26	PK-U	32.6	-31.6	0	44.26	-	-	74	-29.74	-	-	120	213	H
* 9.354	36.83	PK-U	36.5	-25.2	0	48.13	-	-	74	-25.87	-	-	244	400	H
* 9.354	25.84	ADR	36.5	-25.2	0.19	37.33	54	-16.67	-	-	-	-	244	400	H
1.99	43.82	PK-U	31.9	-32.3	0	43.42	-	-	-	-	68.2	-24.78	242	277	V
3.027	41.7	PK-U	32.7	-30.9	0	43.5	-	-	-	-	68.2	-24.7	36	260	V
10.422	35.71	PK-U	37.5	-24.1	0	49.11	-	-	-	-	68.2	-19.09	331	340	V
14.024	35.3	PK-U	39.1	-22	0	52.4	-	-	-	-	68.2	-15.8	144	312	H

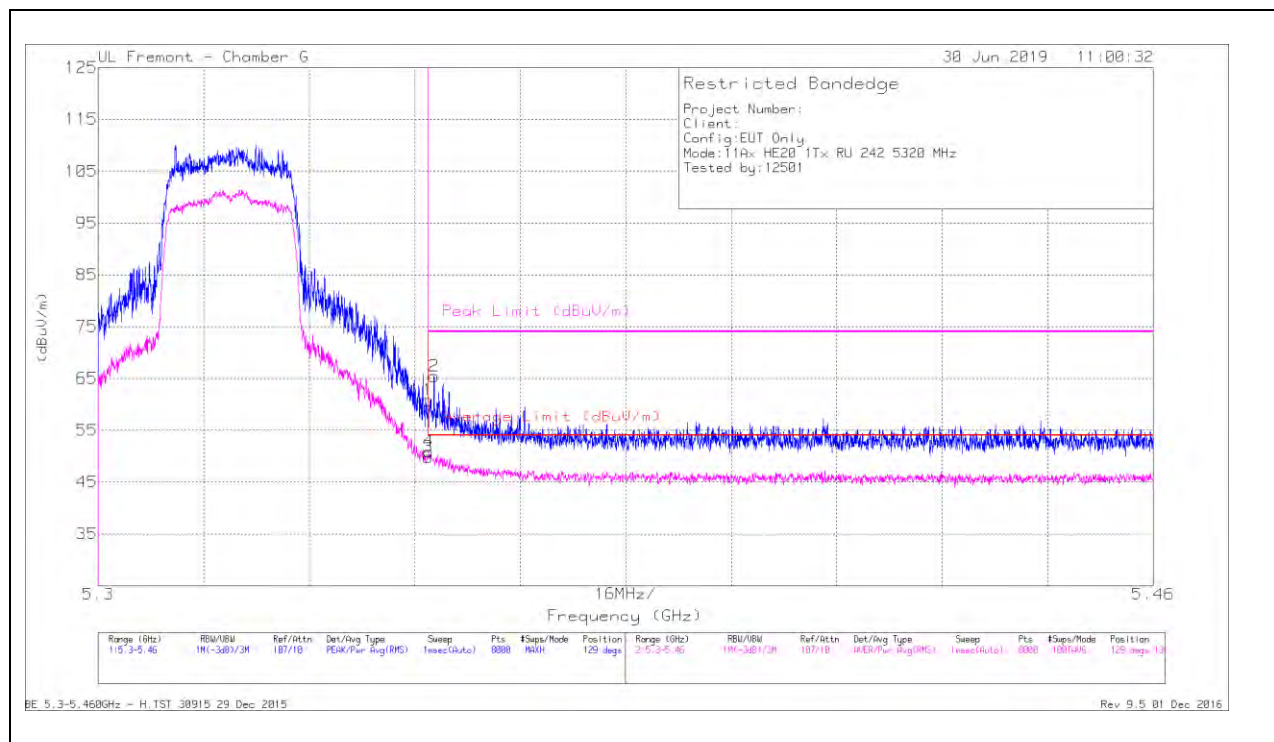
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band
PK-U - U-NII: Maximum Peak
ADR - U-NII AD primary method, RMS average

1.1.10. TX ABOVE 1 GHz 802.11ax HE20 MODE IN THE 5.3 GHz BAND

1TX Antenna 6 MODE – 242 Tones, RU Index 61

BANDEDGE (HIGH CHANNEL)

HORIZONTAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T120 (dB/m)	Amp/Cbl/Filtr/P ad (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	* 5.35	46.33	Pk	34.7	-20.2	0	60.83	-	-	74	-13.17	129	138	H
2	* 5.351	50.95	Pk	34.7	-20.2	0	65.45	-	-	74	-8.55	129	138	H
3	* 5.35	35.36	RMS	34.7	-20.2	0	49.86	54	-4.14	-	-	129	138	H
4	* 5.35	36.37	RMS	34.7	-20.2	0	50.87	54	-3.13	-	-	129	138	H

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

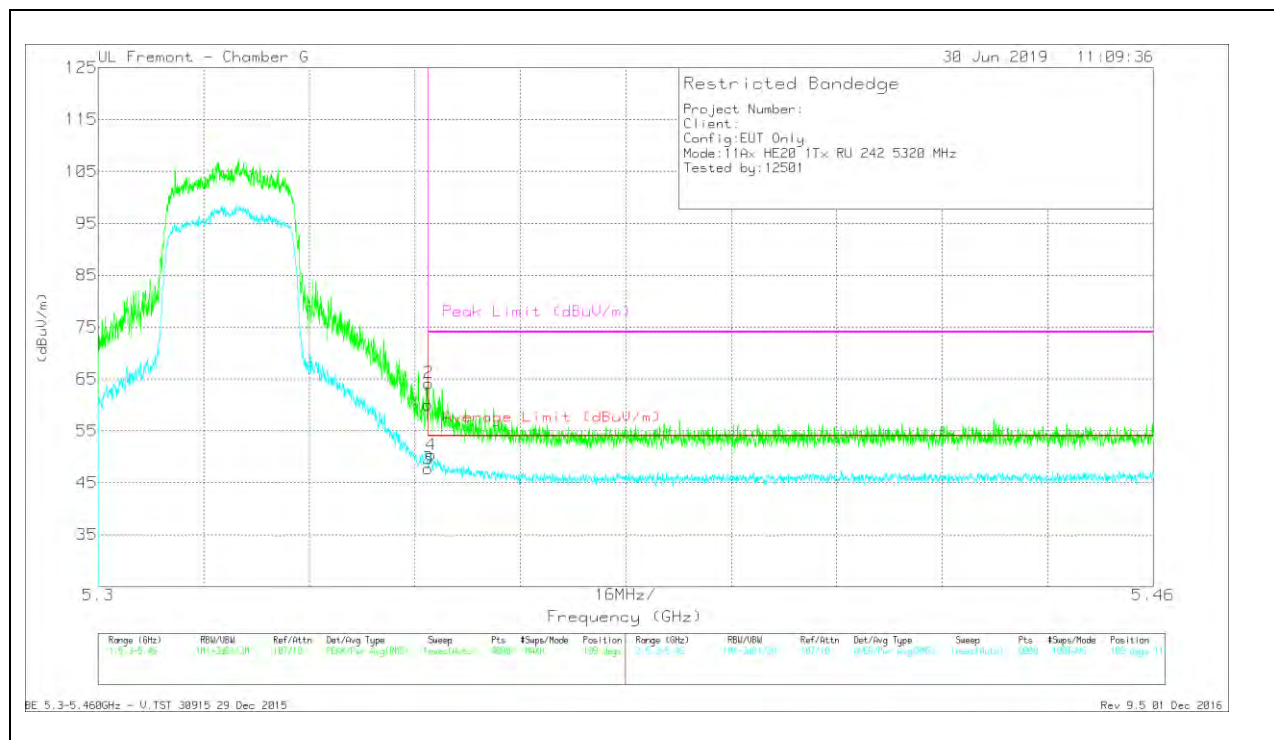
Pk - Peak detector

RMS - RMS detection

BE 5.3-5.460GHz - H.TST 30915 29 Dec 2015

Rev 9.5 01 Dec 2016

VERTICAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T120 (dB/m)	Amp/Cbl/Filtri/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	* 5.35	45.56	Pk	34.7	-20.2	0	60.06	-	-	74	-13.94	109	118	V
2	* 5.35	49.71	Pk	34.7	-20.2	0	64.21	-	-	74	-9.79	109	118	V
3	* 5.35	33.25	RMS	34.7	-20.2	0	47.75	54	-6.25	-	-	109	118	V
4	* 5.35	35.87	RMS	34.7	-20.2	0	50.37	54	-3.63	-	-	109	118	V

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

Pk - Peak detector

RMS - RMS detection

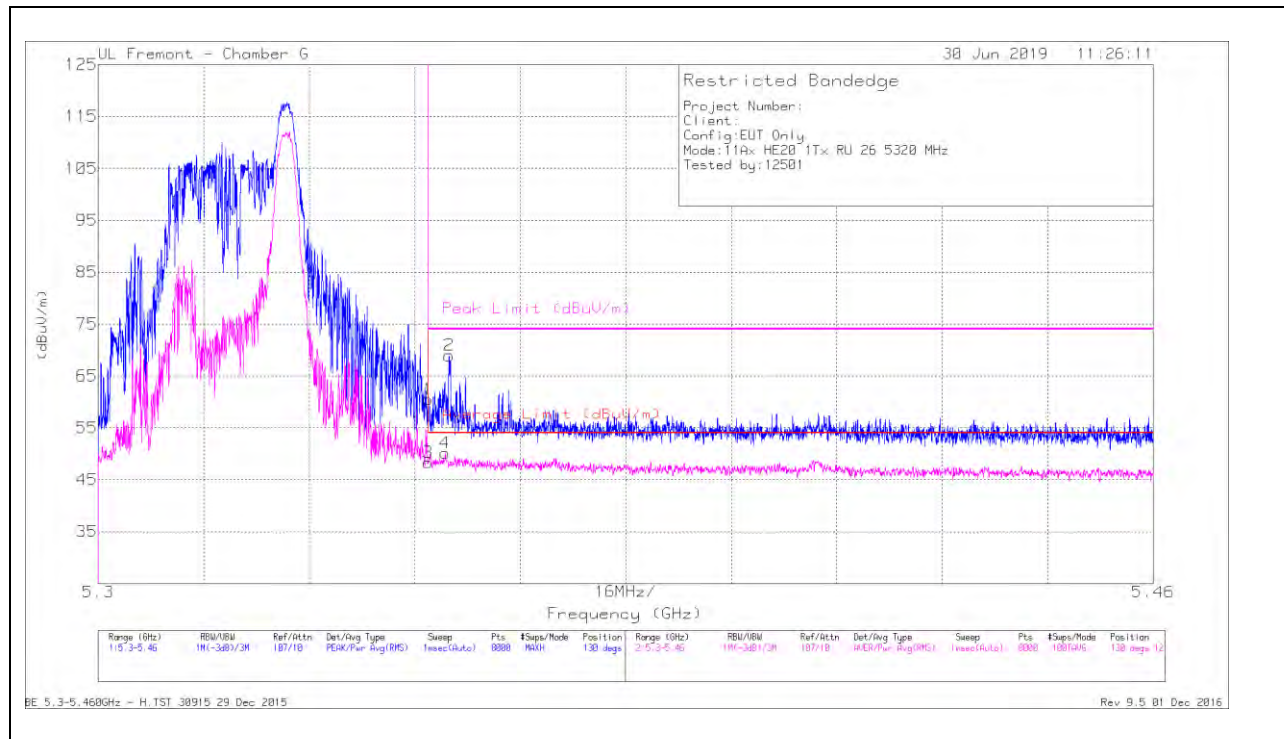
BE 5.3-5.460GHz - V.TST 30915 29 Dec 2015

Rev 9.5 01 Dec 2016

1TX Antenna 6 MODE – 26 Tones, RU Index 8

BANDEDGE (HIGH CHANNEL)

HORIZONTAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T120 (dB/m)	Amp/Cbl/Filtr/P ad (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	* 5.35	45.98	Pk	34.7	-20.2	0	60.48	-	-	74	-13.52	130	127	H
2	* 5.353	54.46	PK	34.7	-20.2	0	68.96	-	-	74	-5.04	130	127	H
3	* 5.35	33.8	RMS	34.7	-20.2	0	48.3	54	-5.7	-	-	130	127	H
4	* 5.353	35.63	RMS	34.7	-20.2	0	50.13	54	-3.87	-	-	130	127	H

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

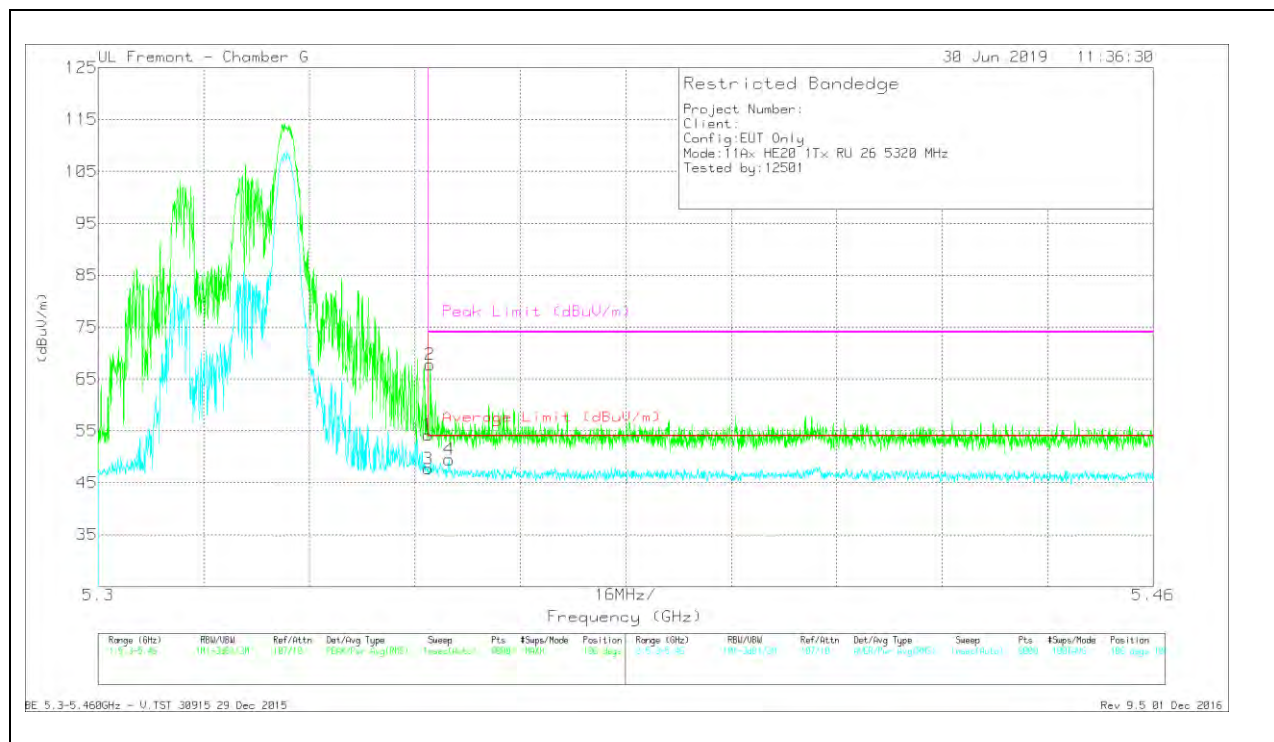
Pk - Peak detector

RMS - RMS detection

BE 5.3-5.460GHz - H.TST 30915 29 Dec 2015

Rev 9.5 01 Dec 2016

VERTICAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T120 (dB/m)	Amp/Cbl/Filtr/P ad (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	* 5.35	39.73	Pk	34.7	-20.2	0	54.23	-	-	74	-19.77	106	106	V
2	* 5.35	53.26	Pk	34.7	-20.2	0	67.76	-	-	74	-6.24	106	106	V
3	* 5.35	33.21	RMS	34.7	-20.2	0	47.71	54	-6.29	-	-	106	106	V
4	* 5.353	34.99	RMS	34.7	-20.2	0	49.49	54	-4.51	-	-	106	106	V

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

Pk - Peak detector

RMS - RMS detection

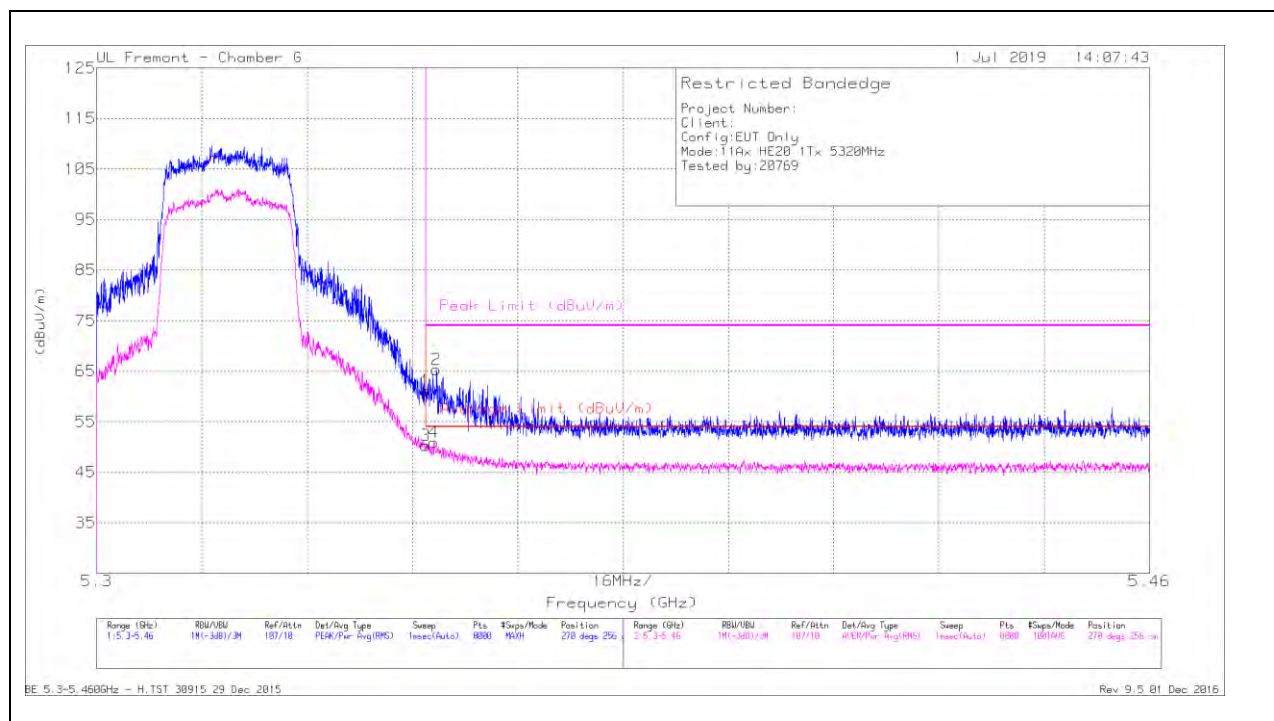
BE 5.3-5.460GHz - V.TST 30915 29 Dec 2015

Rev 9.5 01 Dec 2016

1TX Antenna 5 MODE – 242 Tones, RU Index 61

BANDEDGE (HIGH CHANNEL)

HORIZONTAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T120 (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	* 5.35	46.54	Pk	34.7	-20.2	0	61.04	-	-	74	-12.96	270	256	H
2	* 5.352	50.79	Pk	34.7	-20.2	0	65.29	-	-	74	-8.71	270	256	H
3	* 5.35	35.75	RMS	34.7	-20.2	0	50.25	54	-3.75	-	-	270	256	H
4	* 5.351	36.43	RMS	34.7	-20.2	0	50.93	54	-3.07	-	-	270	256	H

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

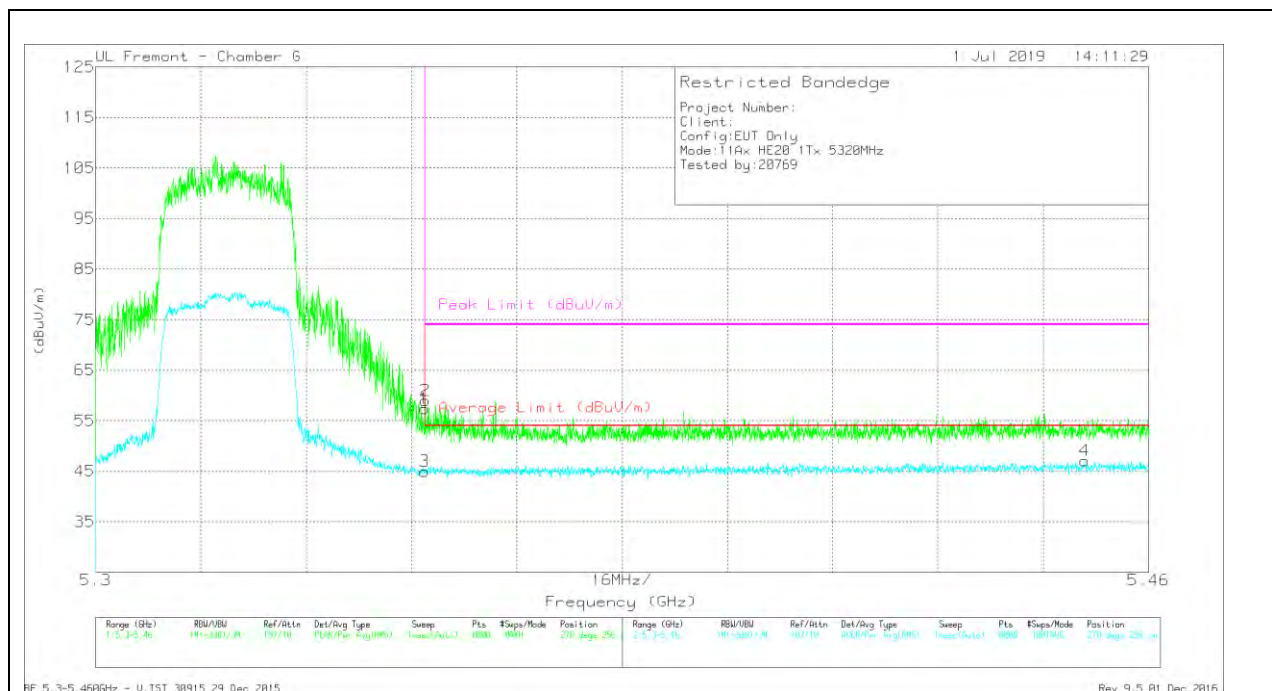
Pk - Peak detector

RMS - RMS detection

BE 5.3-5.460GHz - H.TST 30915 29 Dec 2015

Rev 9.5 01 Dec 2016

VERTICAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T120 (dB/m)	Amp/Cbl/Filtr/P ad (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	* 5.35	42.91	Pk	34.7	-20.2	0	57.41	-	-	74	-16.59	270	256	V
2	* 5.35	44.43	Pk	34.7	-20.2	0	58.93	-	-	74	-15.07	270	256	V
3	* 5.35	30.51	RMS	34.7	-20.2	0	45.01	54	-8.99	-	-	270	256	V
4	* 5.45	32.46	RMS	34.7	-20.1	0	47.06	54	-6.94	-	-	270	256	V

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

Pk - Peak detector

RMS - RMS detection

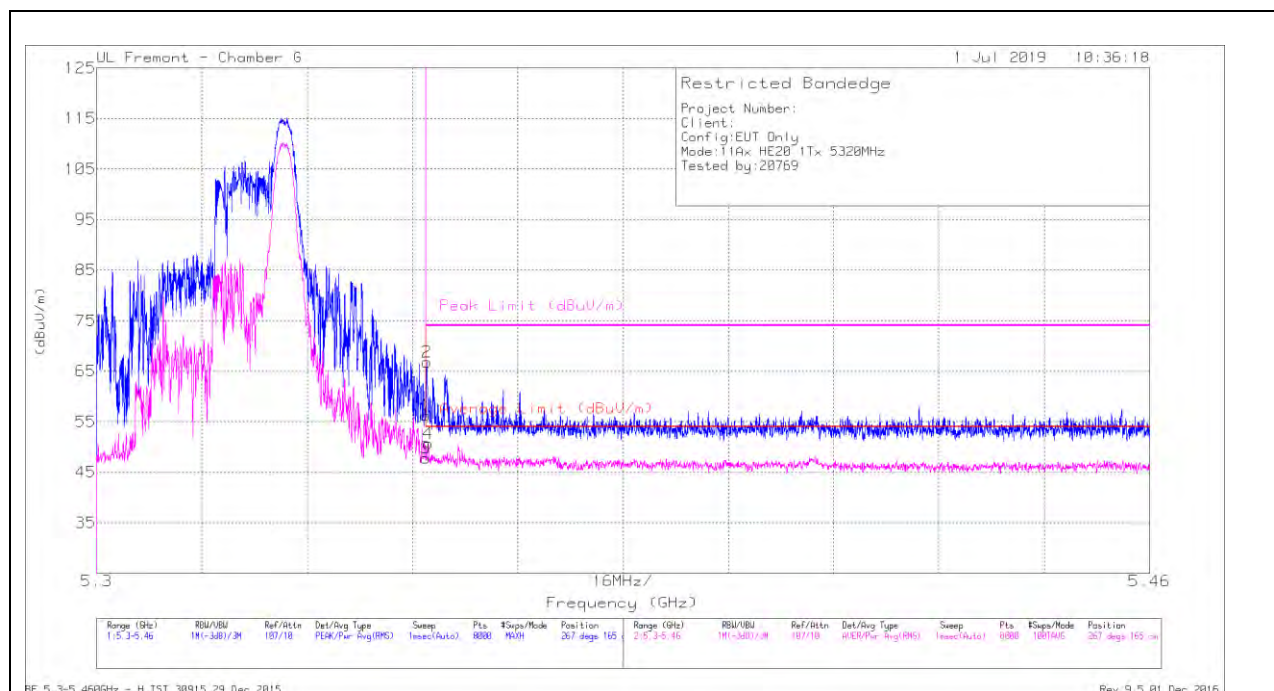
BE 5.3-5.460GHz - V.TST 30915 29 Dec 2015

Rev 9.5 01 Dec 2016

1TX Antenna 5 MODE – 26 Tones, RU Index 8

BANDEDGE (HIGH CHANNEL)

HORIZONTAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T120 (dB/m)	Amp/Ctrl/Filtr/P ad (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	* 5.35	41.7	Pk	34.7	-20.2	0	56.2	-	-	74	-17.8	267	165	H
2	* 5.35	52.32	Pk	34.7	-20.2	0	66.82	-	-	74	-7.18	267	165	H
3	* 5.35	33.28	RMS	34.7	-20.2	0	47.78	54	-6.22	-	-	267	165	H
4	* 5.35	36.12	RMS	34.7	-20.2	0	50.62	54	-3.38	-	-	267	165	H

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

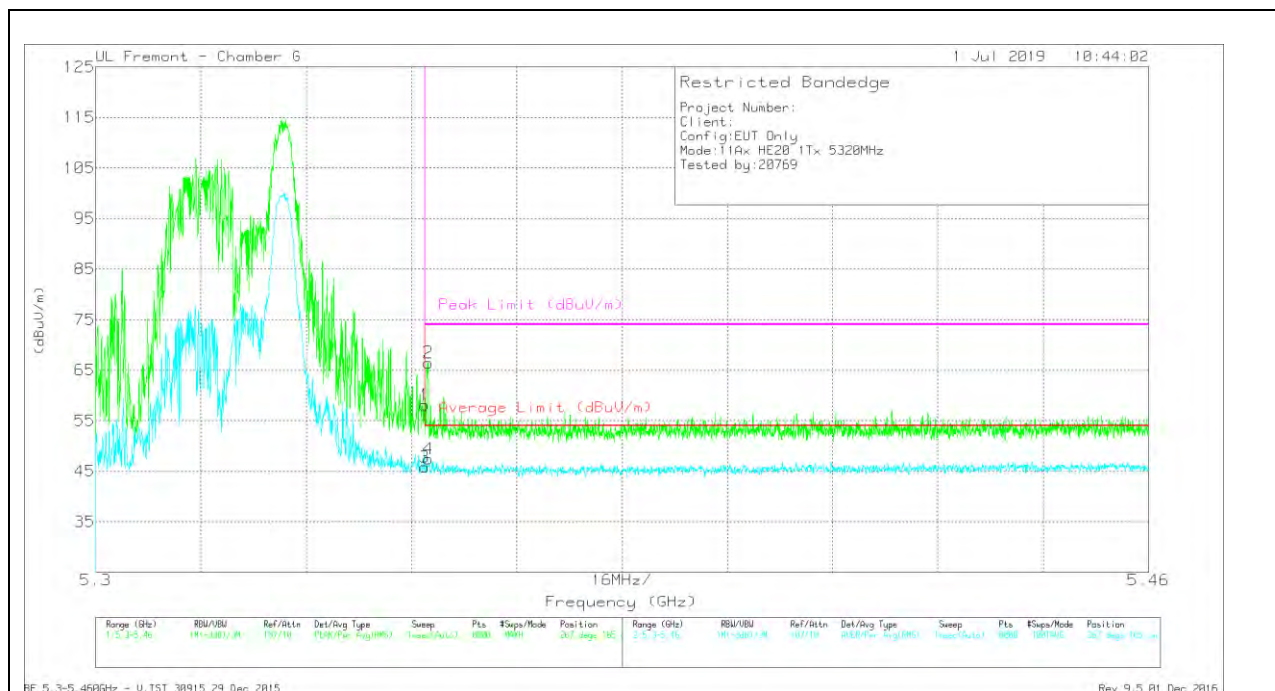
Pk - Peak detector

RMS - RMS detection

BE 5.3-5.460GHz - H.TST 30915 29 Dec 2015

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VERTICAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T120 (dB/m)	Amp/Cbl/Filtr/P ad (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	* 5.35	43.61	Pk	34.7	-20.2	0	58.11	-	-	74	-15.89	267	165	V
2	* 5.351	51.99	Pk	34.7	-20.2	0	66.49	-	-	74	-7.51	267	165	V
3	* 5.35	31.27	RMS	34.7	-20.2	0	45.77	54	-8.23	-	-	267	165	V
4	* 5.351	32.94	RMS	34.7	-20.2	0	47.44	54	-6.56	-	-	267	165	V

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

Pk - Peak detector

RMS - RMS detection

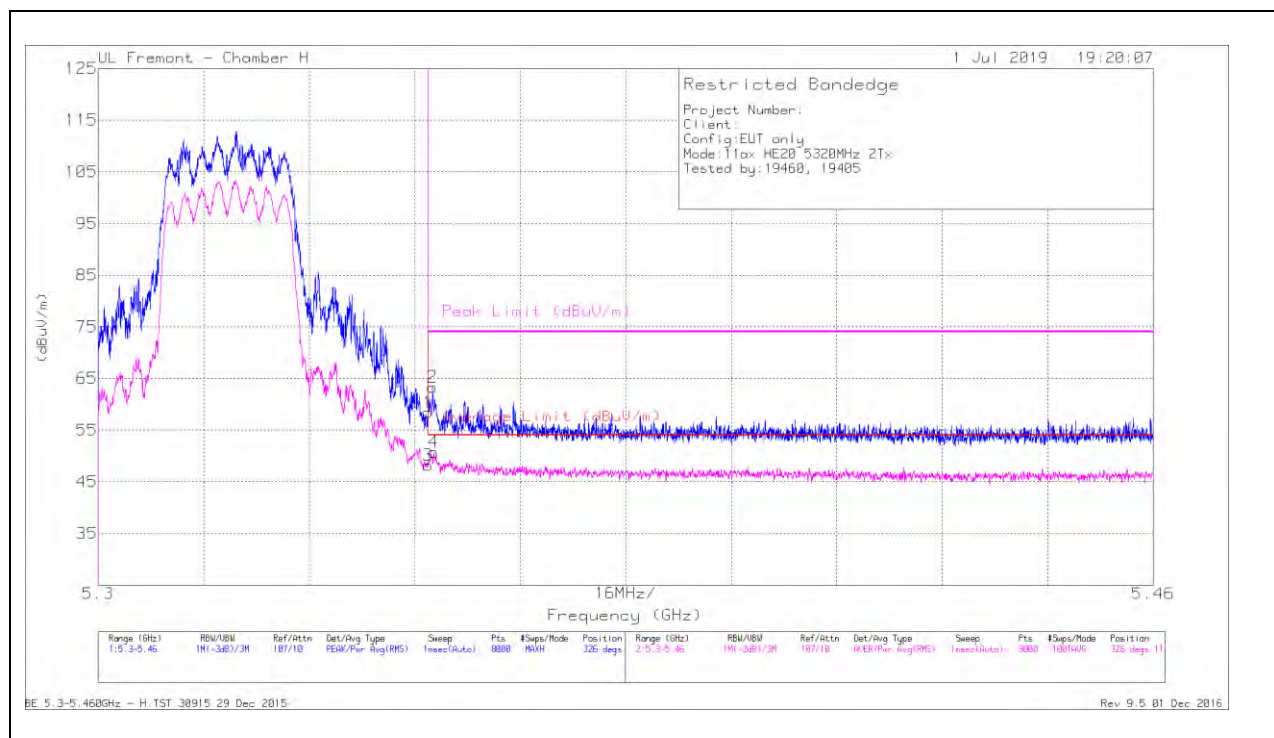
BE 5.3-5.460GHz - V.TST 30915 29 Dec 2015

Rev 9.5 01 Dec 2016

2TX Antenna 6 + Antenna 5 OFDMA MODE – 242 Tones, RU Index 61

BANDEDGE (HIGH CHANNEL)

HORIZONTAL RESULT



Marker	Frequenc y (GHz)	Meter Reading (dBuV)	Det	AF T863 (dB/m)	Amp/Cbl/Filtr/P ad (dB)	DC Corr (dB)	Correcte d Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 5.35	44.02	Pk	34.9	-20.5	0	58.42	-	-	74	-15.58	326	113	H
2	* 5.351	48.9	Pk	34.9	-20.5	0	63.3	-	-	74	-10.7	326	113	H
3	* 5.35	33.78	RMS	34.9	-20.5	0	48.18	54	-5.82	-	-	326	113	H
4	* 5.351	36.31	RMS	34.9	-20.5	0	50.71	54	-3.29	-	-	326	113	H

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

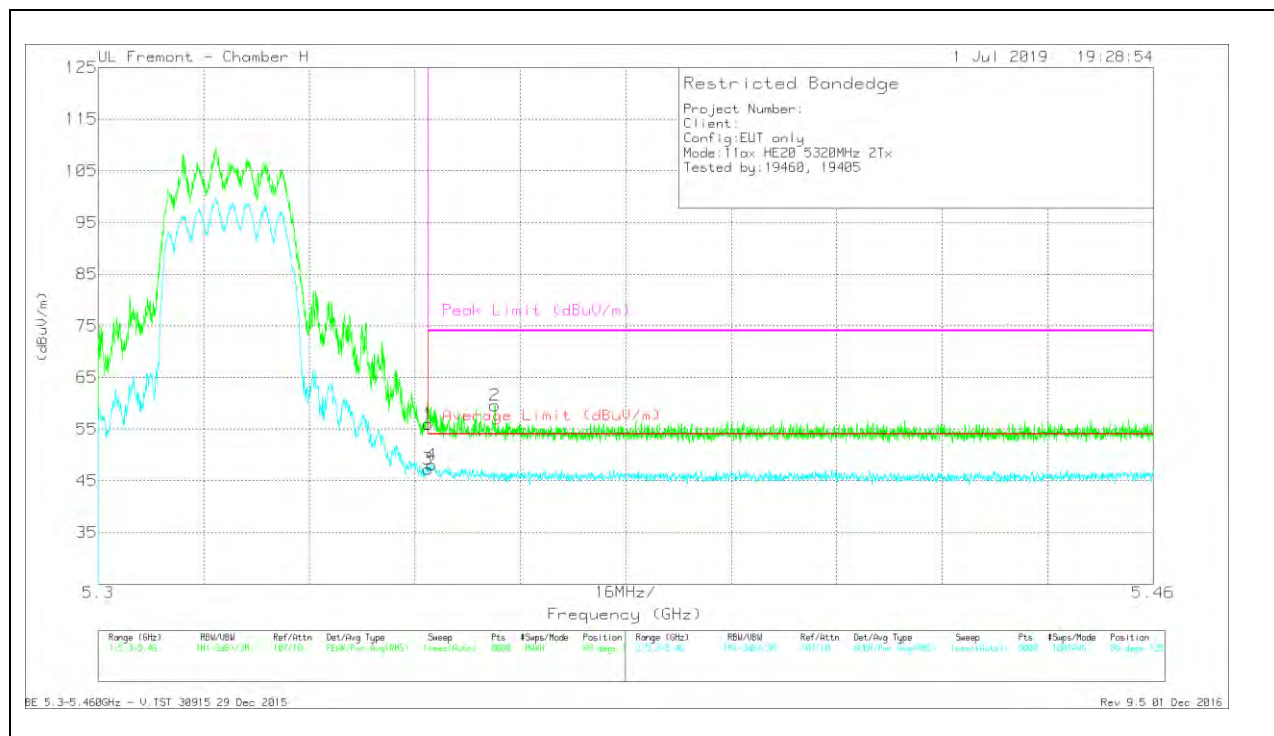
Pk - Peak detector

RMS - RMS detection

BE 5.3-5.460GHz - H.TST 30915 29 Dec 2015

Rev 9.5 01 Dec 2016

VERTICAL RESULT



Marker	Frequenc y (GHz)	Meter Reading (dBuV)	Det	AF T863 (dB/m)	Amp/Cbl/Filtr/P ad (dB)	DC Corr (dB)	Correcte d Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 5.35	41.56	Pk	34.9	-20.5	0	55.96	-	-	74	-18.04	89	135	V
2	* 5.36	45.2	Pk	34.9	-20.5	0	59.6	-	-	74	-14.4	89	135	V
3	* 5.35	32.86	RMS	34.9	-20.5	0	47.26	54	-6.74	-	-	89	135	V
4	* 5.351	33.68	RMS	34.9	-20.5	0	48.08	54	-5.92	-	-	89	135	V

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

Pk - Peak detector

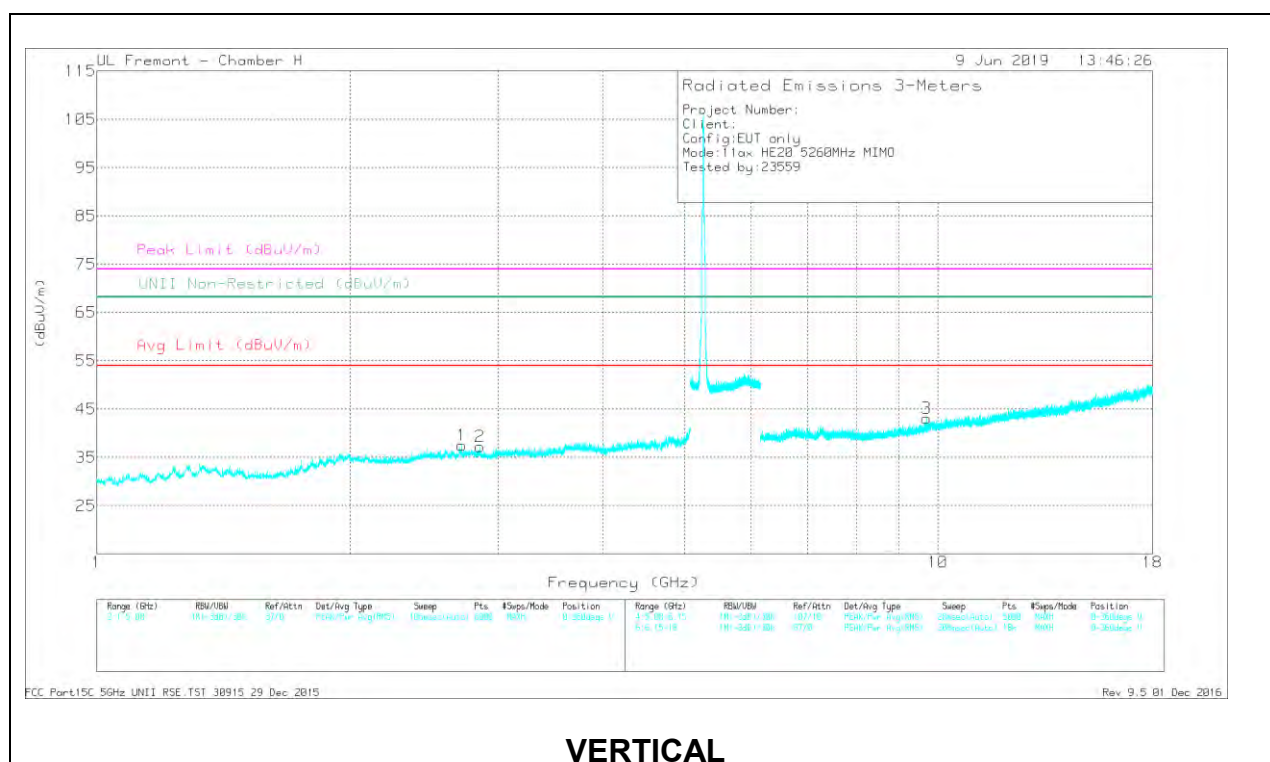
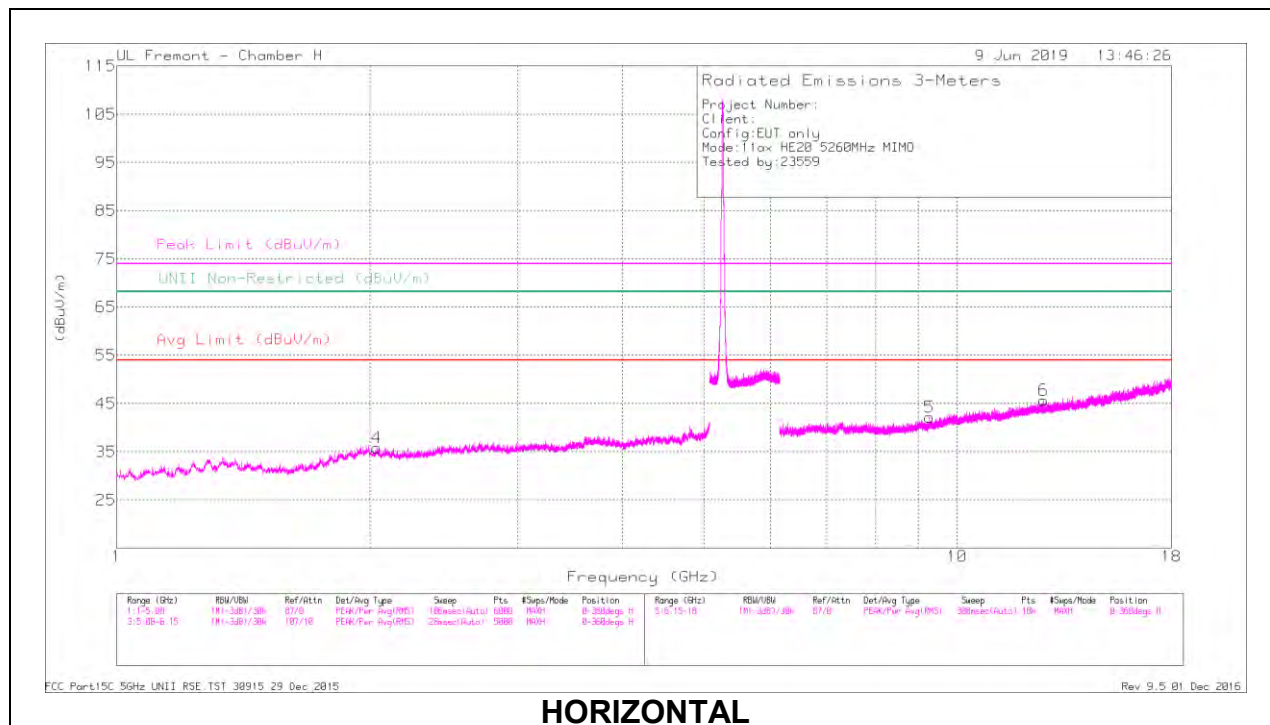
RMS - RMS detection

BE 5.3-5.460GHz - V.TST 30915 29 Dec 2015

Rev 9.5 01 Dec 2016

HARMONICS AND SPURIOUS EMISSIONS

LOW CHANNEL RESULTS



RADIATED EMISSIONS

Markers	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T136 (dBm)	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)	Polarity
1	* 2.717	42.93	PK-U	32.5	-31.6	0	43.83	-	-	74	-30.17	-	-	163	218	V
	* 2.715	31.42	ADR	32.5	-31.6	0	32.32	54	-21.68	-	-	-	-	163	218	V
2	* 2.856	43.31	PK-U	32.4	-31.6	0	44.11	-	-	74	-29.89	-	-	255	271	V
	* 2.856	31.33	ADR	32.4	-31.6	0	32.13	54	-21.87	-	-	-	-	255	271	V
6	* 12.681	35.25	PK-U	39.2	-23	0	51.45	-	-	74	-22.55	-	-	83	174	H
	* 12.683	24.45	ADR	39.2	-23.1	0	40.55	54	-13.45	-	-	-	-	83	174	H
4	2.039	43.9	PK-U	31.6	-32.3	0	43.2	-	-	-	-	68.2	-25	276	161	H
5	9.279	37.27	PK-U	36.3	-24.9	0	48.67	-	-	-	-	68.2	-19.53	360	393	H
3	9.707	37.38	PK-U	37	-24.9	0	49.48	-	-	-	-	68.2	-18.72	249	310	V

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

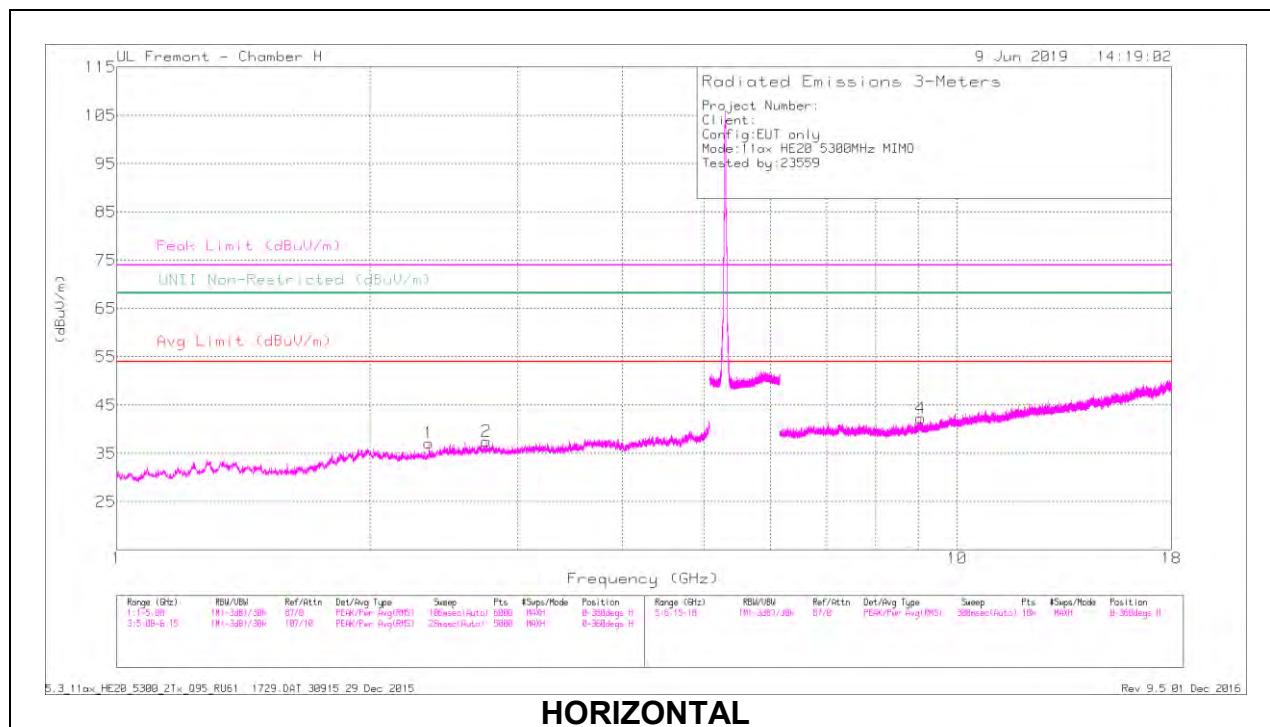
PK-U - U-NII: Maximum Peak

ADR - U-NII AD primary method, RMS average

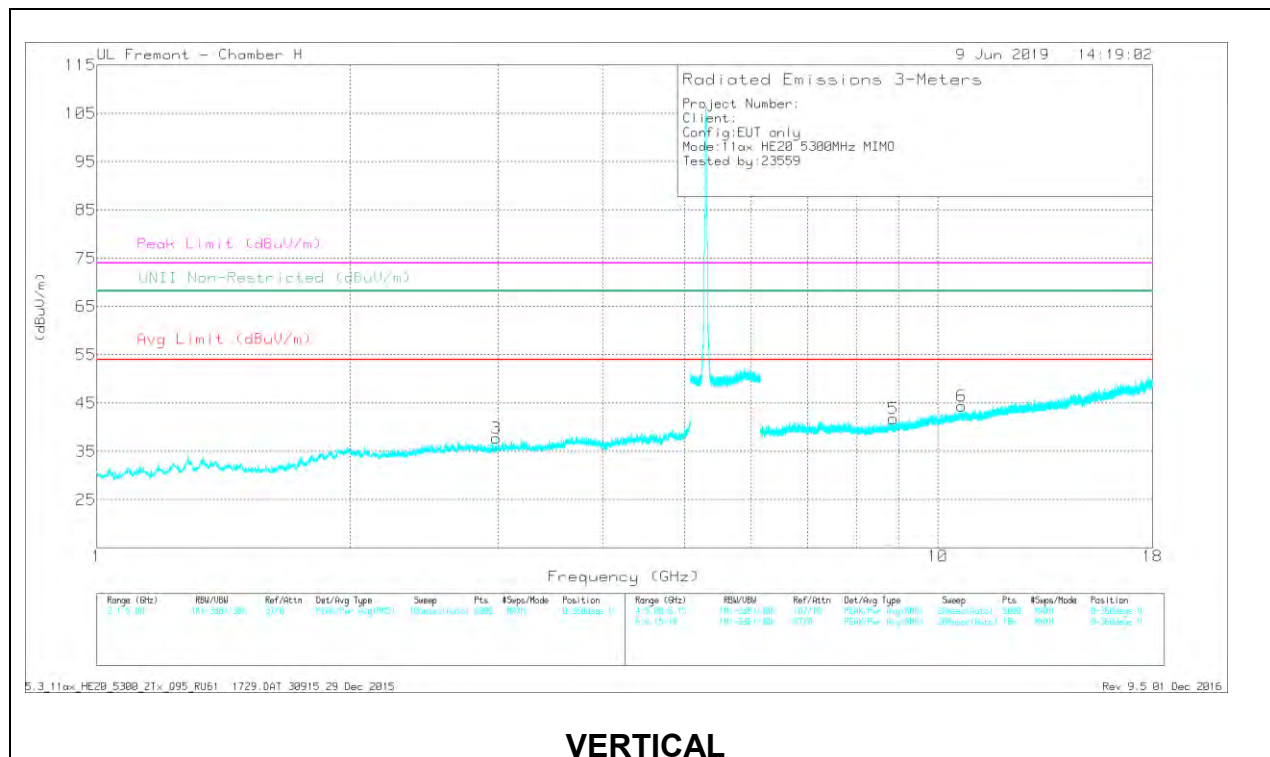
FCC Part15C 5GHz UNII RSE.TST 30915 29 Dec 2015

Rev 9.5 01 Dec 2016

MID CHANNEL RESULTS



HORIZONTAL



VERTICAL

RADIATED EMISSIONS

Markers	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T136 (dBm)	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)	Polarity
1	* 2.354	43.2	PK-U	31.4	-32	0	42.6	-	-	74	-31.4	-	-	184	168	H
	* 2.353	31.76	ADR	31.4	-31.9	0	31.26	54	-22.74	-	-	-	-	184	168	H
2	* 2.754	43.22	PK-U	32.5	-31.8	0	43.92	-	-	74	-30.08	-	-	282	257	H
	* 2.755	31.63	ADR	32.5	-31.8	0	32.33	54	-21.67	-	-	-	-	282	257	H
4	* 9.061	36.63	PK-U	36.3	-24.8	0	48.13	-	-	74	-25.87	-	-	207	264	H
	* 9.06	25.45	ADR	36.3	-24.8	0	36.95	54	-17.05	-	-	-	-	207	264	H
6	* 10.676	35.88	PK-U	37.8	-23.7	0	49.98	-	-	74	-24.02	-	-	149	210	V
	* 10.674	24.66	ADR	37.8	-23.7	0	38.76	54	-15.24	-	-	-	-	149	210	V
3	2.985	41.92	PK-U	32.5	-30.8	0	43.62	-	-	-	-	68.2	-24.58	360	349	V
5	8.86	36.61	PK-U	36	-25.8	0	46.81	-	-	-	-	68.2	-21.39	42	143	V

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

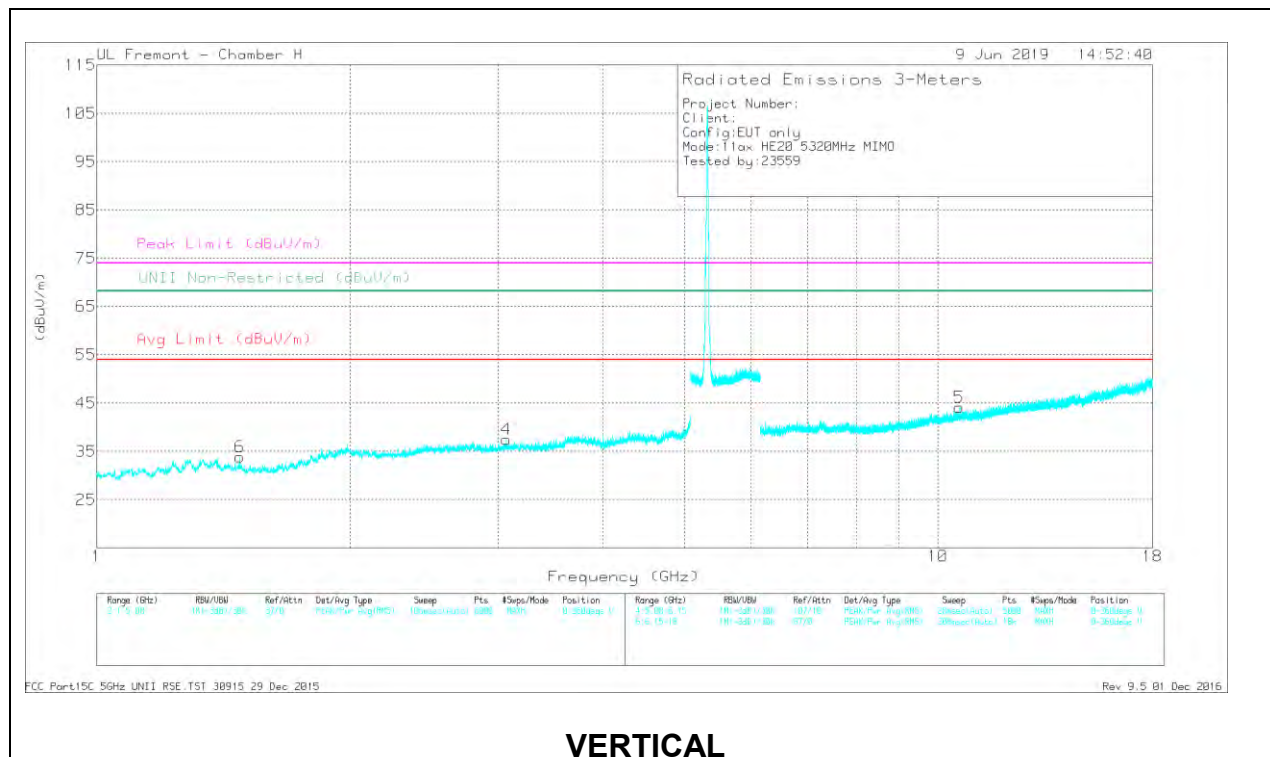
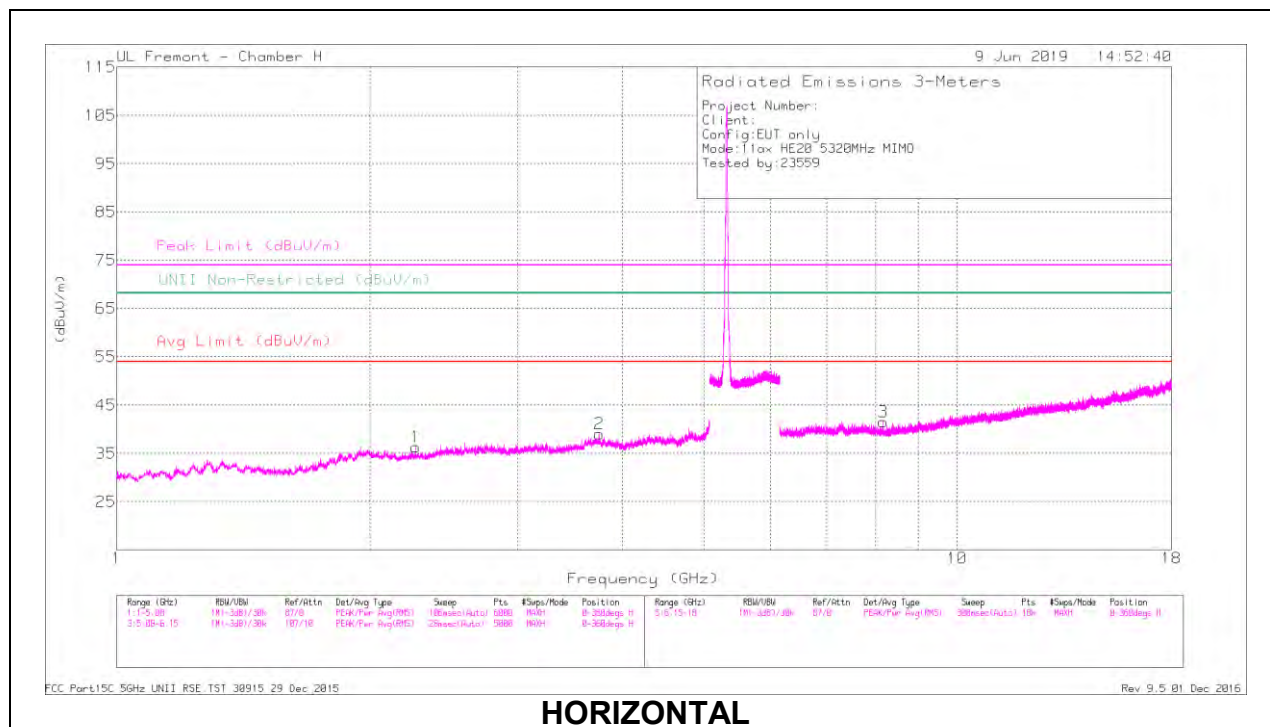
PK-U - U-NII: Maximum Peak

ADR - U-NII AD primary method, RMS average

5.3_11ax_HE20_5300_2Tx_Q95_RU61 1729.DAT 30915 29 Dec 2015

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HIGH CHANNEL RESULTS



RADIATED EMISSIONS

Markers	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T136 (dBm)	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)	Polarity
1	* 2.268	43.94	PK-U	31.3	-31.9	0	43.34	-	-	74	-30.66	-	-	132	167	H
	* 2.266	31.46	ADR	31.3	-32	0	30.76	54	-23.24	-	-	-	-	132	167	H
2	* 3.751	41.97	PK-U	33.3	-30.9	0	44.37	-	-	74	-29.63	-	-	230	247	H
	* 3.753	30.54	ADR	33.3	-30.9	0	32.94	54	-21.06	-	-	-	-	230	247	H
6	* 1.479	44.35	PK-U	28.4	-32.9	0	39.85	-	-	74	-34.15	-	-	244	207	V
	* 1.478	32.94	ADR	28.4	-32.9	0	28.44	54	-25.56	-	-	-	-	244	207	V
3	* 8.168	37.83	PK-U	35.8	-26.3	0	47.33	-	-	74	-26.67	-	-	112	100	H
	* 8.169	26.5	ADR	35.8	-26.3	0	36	54	-18	-	-	-	-	112	100	H
5	* 10.605	35.85	PK-U	37.8	-23.7	0	49.95	-	-	74	-24.05	-	-	271	211	V
	* 10.606	24.68	ADR	37.8	-23.7	0	38.78	54	-15.22	-	-	-	-	271	211	V
4	3.067	42.27	PK-U	32.7	-31.1	0	43.87	-	-	-	-	68.2	-24.33	348	312	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

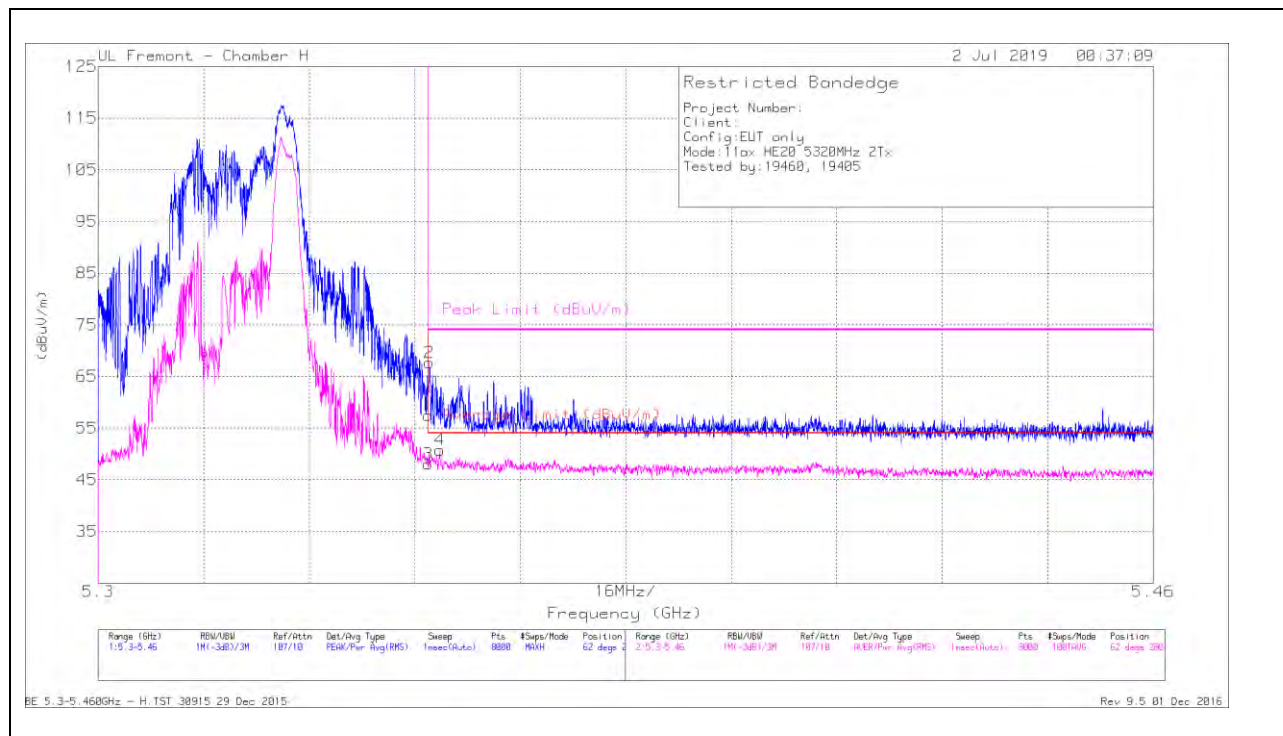
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2TX Antenna 6 + Antenna 5 OFDMA MODE – 26 Tones, RU Index 8

BANDEDGE (HIGH CHANNEL)

HORIZONTAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T863 (dB/m)	Amp/CbI/FiltriP ad (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	* 5.35	43.03	Pk	34.9	-20.5	0	57.43	-	-	74	-16.57	62	280	H
2	* 5.35	53.26	Pk	34.9	-20.5	0	67.66	-	-	74	-6.34	62	280	H
3	* 5.35	33.66	RMS	34.9	-20.5	0	48.06	54	-5.94	-	-	62	280	H
4	* 5.352	36.32	RMS	34.9	-20.5	0	50.72	54	-3.28	-	-	62	280	H

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

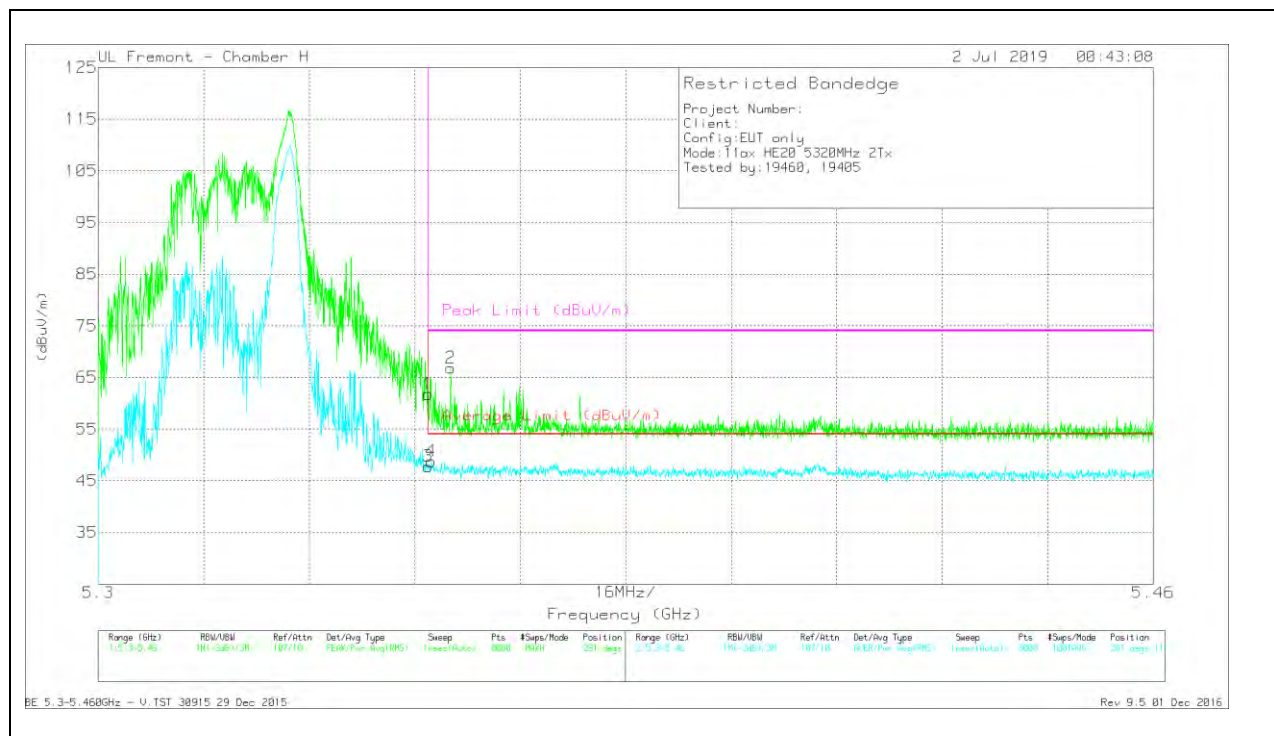
Pk - Peak detector

RMS - RMS detection

BE 5.3-5.460GHz - H.TST 30915 29 Dec 2015

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VERTICAL RESULT



Marker	Frequenc y (GHz)	Meter Reading (dBuV)	Det	AF T863 (dB/m)	Amp/Cbl/Filtr/P ad (dB)	DC Corr (dB)	Correcte d Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 5.35	47.38	Pk	34.9	-20.5	0	61.78	-	-	74	-12.22	281	118	V
3	* 5.35	33.38	RMS	34.9	-20.5	0	47.78	54	-6.22	-	-	281	118	V
4	* 5.35	34.37	RMS	34.9	-20.5	0	48.77	54	-5.23	-	-	281	118	V
2	* 5.353	52.43	Pk	34.9	-20.5	0	66.83	-	-	74	-7.17	281	118	V

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

Pk - Peak detector

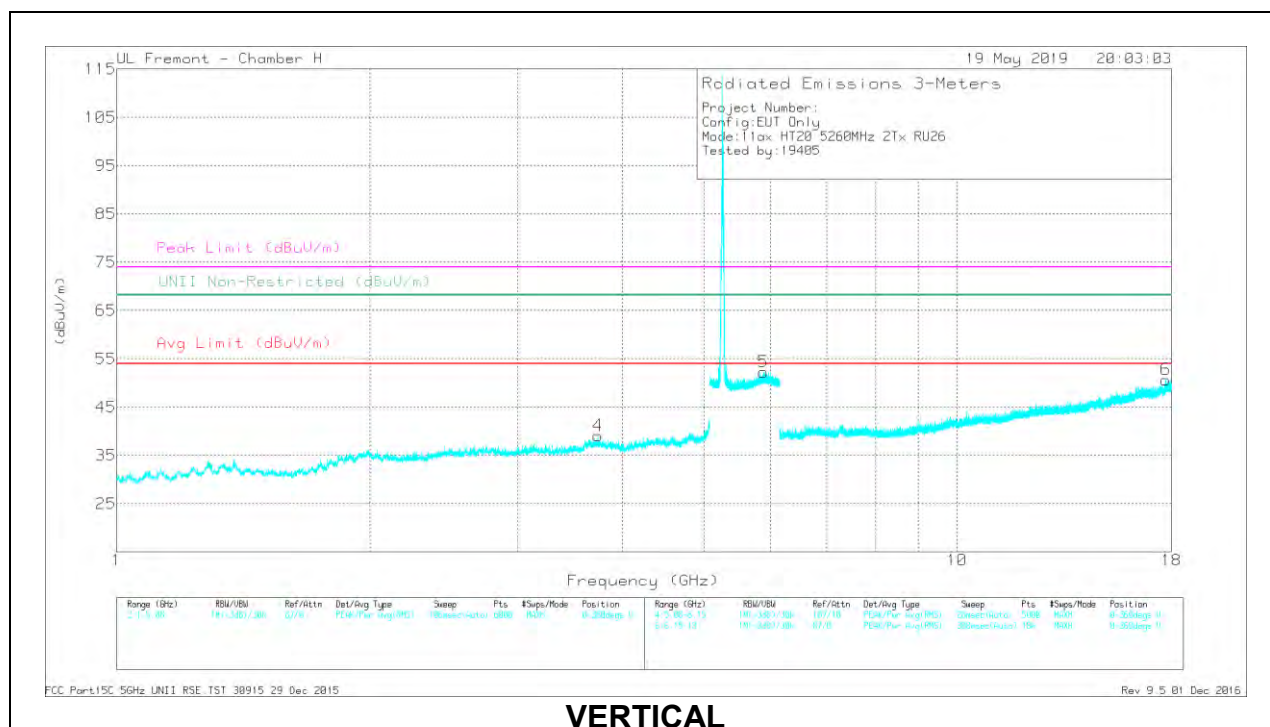
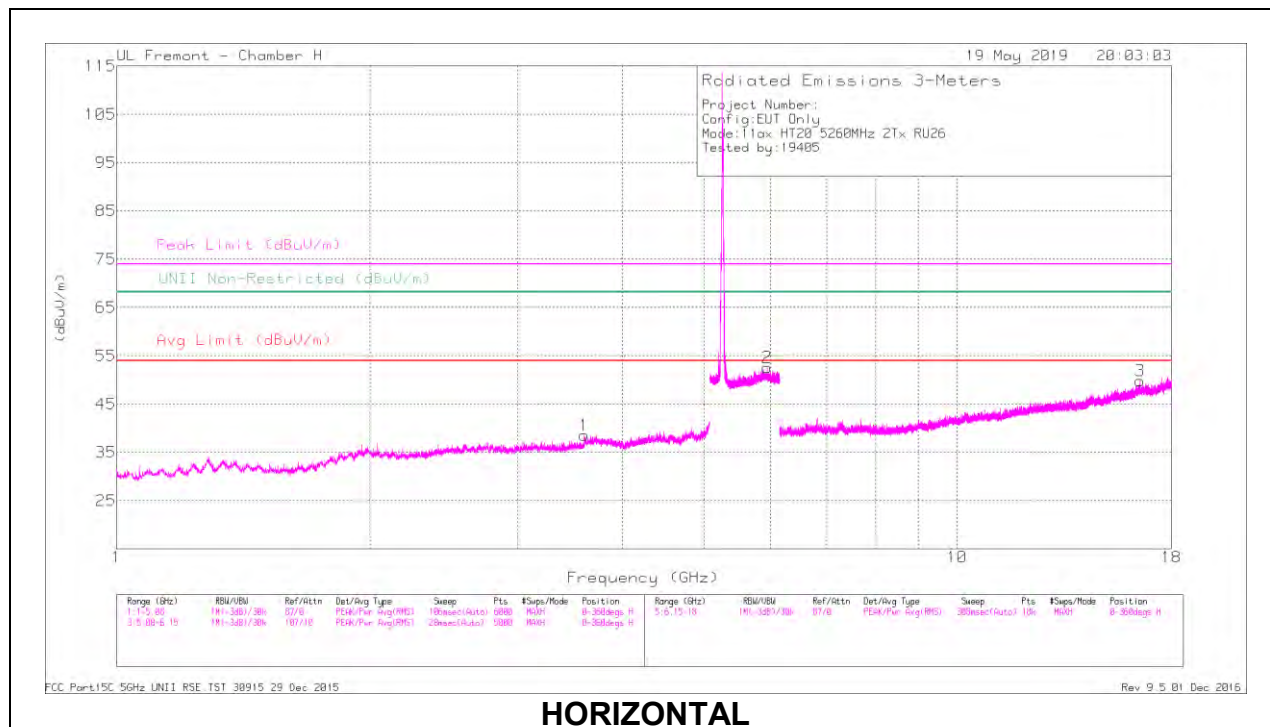
RMS - RMS detection

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Rev 9.5 01 Dec 2016

HARMONICS AND SPURIOUS EMISSIONS

LOW CHANNEL RESULTS



RADIATED EMISSIONS

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T136 (dBm)	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)	Polarity
1	* 3.601	42.66	PK-U	33.1	-31.2	0	44.56	-	-	74	-29.44	-	-	291	383	H
	* 3.601	30.23	ADR	33.1	-31.2	0	32.13	54	-21.87	-	-	-	-	291	383	H
4	* 3.742	42.45	PK-U	33.3	-30.9	0	44.85	-	-	74	-29.15	-	-	312	174	V
	* 3.742	30.39	ADR	33.3	-30.9	0	32.79	54	-21.21	-	-	-	-	312	174	V
6	* 17.732	35.2	PK-U	41.6	-19.9	0	56.9	-	-	74	-17.1	-	-	135	100	V
	* 17.734	23.59	ADR	41.6	-19.8	0	45.39	54	-8.61	-	-	-	-	135	100	V
5	5.884	44.56	PK-U	35.6	-20.2	0	59.96	-	-	-	-	68.2	-8.24	166	259	V
	5.887	32	ADR	35.7	-20.3	0	47.4	-	-	-	-	-	-	166	259	V
2	5.951	43.3	PK-U	35.6	-20.2	0	58.7	-	-	-	-	68.2	-9.5	240	218	H
	5.951	31.72	ADR	35.6	-20.2	0	47.12	-	-	-	-	-	-	240	218	H
3	16.518	25.08	ADR	41.6	-22	0	44.68	-	-	-	-	-	-	262	138	H
	16.519	36.05	PK-U	41.6	-22	0	55.65	-	-	-	-	68.2	-12.55	262	138	H

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

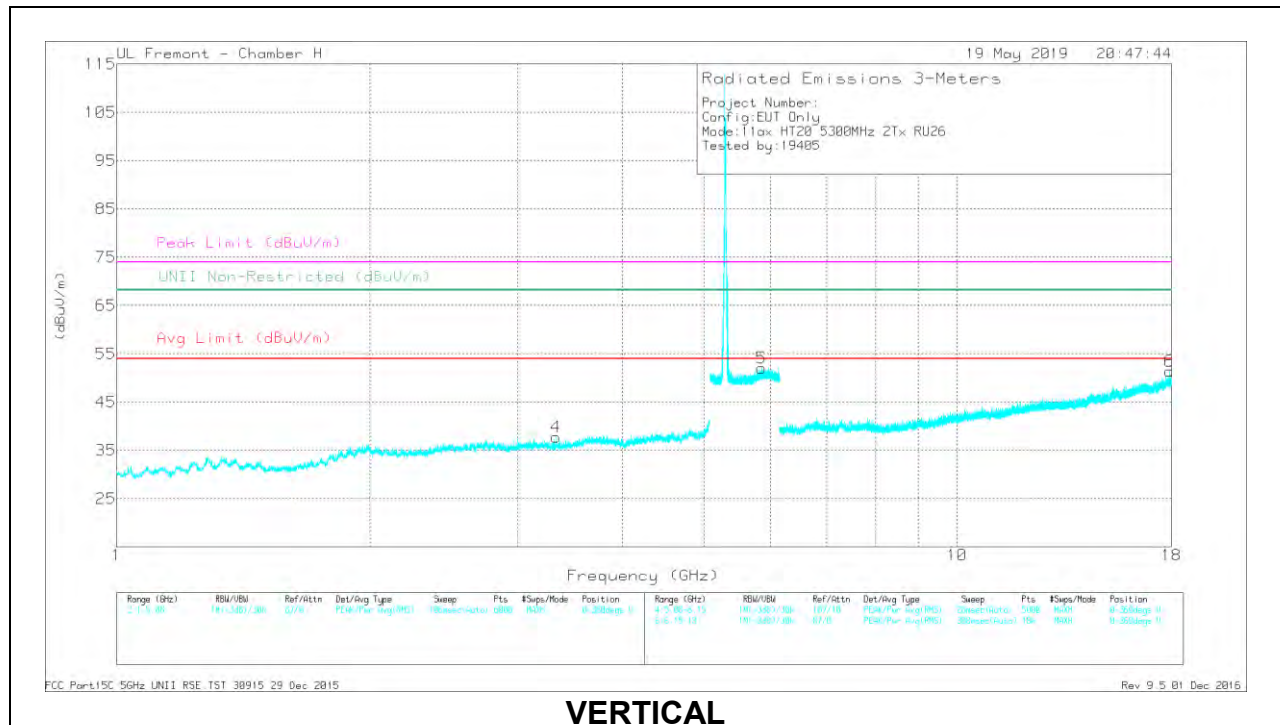
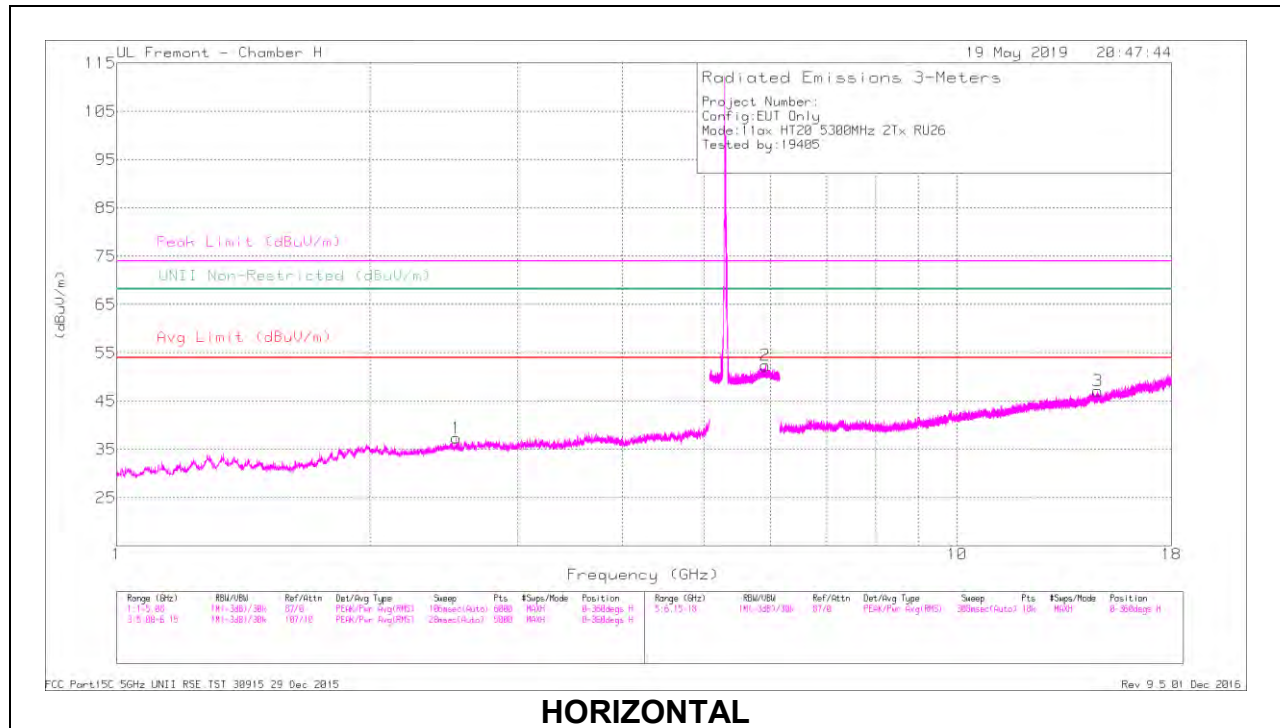
PK-U - U-NII: Maximum Peak

ADR - U-NII AD primary method, RMS average

FCC Part15C 5GHz UNII RSE.TST 30915 29 Dec 2015

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MID CHANNEL RESULTS



RADIATED EMISSIONS

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T136 (dBm)	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)	Polarity
4	* 3.339	42.39	PK-U	32.6	-30.7	0	44.29	-	-	74	-29.71	-	-	284	211	V
	* 3.336	30.36	ADR	32.6	-30.6	0	32.36	54	-21.64	-	-	-	-	284	211	V
6	* 17.896	35.44	PK-U	42.1	-20.3	0	57.24	-	-	74	-16.76	-	-	197	362	V
	* 17.894	24.53	ADR	42	-20.3	0	46.23	54	-7.77	-	-	-	-	197	362	V
1	2.534	31.02	ADR	32.4	-31.3	0	32.12	-	-	-	-	-	-	76	167	H
	2.536	42.26	PK-U	32.3	-31.3	0	43.26	-	-	-	-	68.2	-24.94	76	167	H
5	5.855	43.34	PK-U	35.5	-20.5	0	58.34	-	-	-	-	68.2	-9.86	327	266	V
	5.855	32.06	ADR	35.5	-20.5	0	47.06	-	-	-	-	-	-	327	266	V
2	5.912	43.44	PK-U	35.6	-20.2	0	58.84	-	-	-	-	68.2	-9.36	221	150	H
	5.915	32.04	ADR	35.6	-20.2	0	47.44	-	-	-	-	-	-	221	150	H
3	14.708	24.91	ADR	40	-22.6	0	42.31	-	-	-	-	-	-	218	163	H
	14.709	36.57	PK-U	40	-22.6	0	53.97	-	-	-	-	68.2	-14.23	218	163	H

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

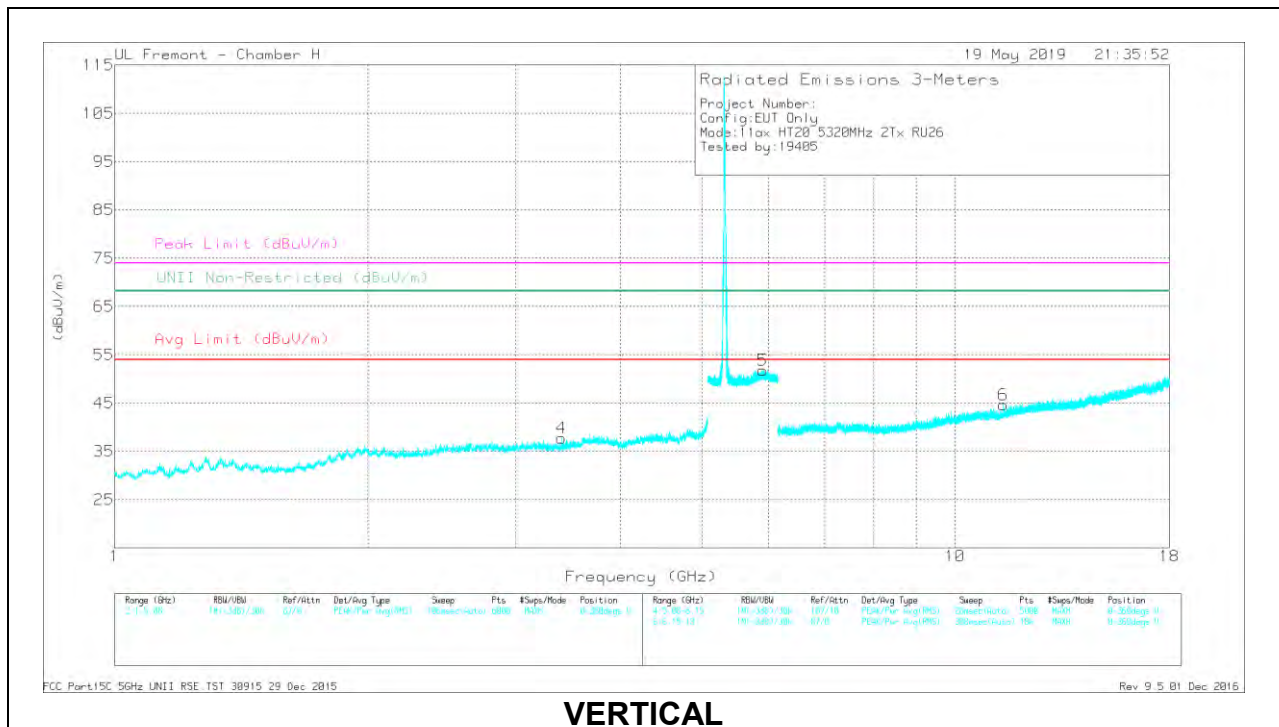
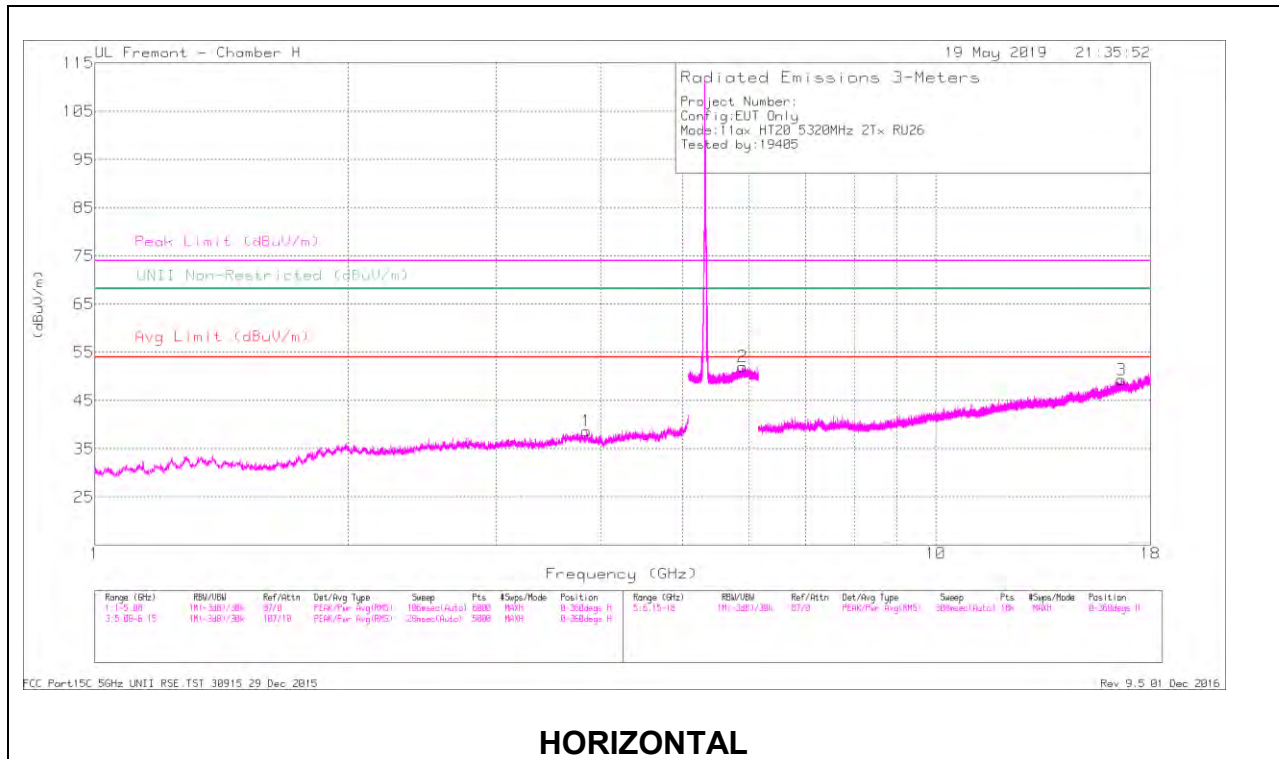
PK-U - U-NII: Maximum Peak

ADR - U-NII AD primary method, RMS average

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HIGH CHANNEL RESULTS



RADIATED EMISSIONS

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T136 (dBm)	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)	Polarity
1	* 3.847	41.41	PK-U	33.4	-30.5	0	44.31	-	-	74	-29.69	-	-	346	295	H
	* 3.848	30.66	ADR	33.4	-30.5	0	33.56	54	-20.44	-	-	-	-	346	295	H
6	* 11.429	36.43	PK-U	38.2	-23.5	0	51.13	-	-	74	-22.87	-	-	181	320	V
	* 11.426	24.74	ADR	38.2	-23.6	0	39.34	54	-14.66	-	-	-	-	181	320	V
4	3.402	42.03	PK-U	32.7	-30.9	0	43.83	-	-	-	-	68.2	-24.37	179	286	V
	3.402	30.71	ADR	32.7	-30.9	0	32.51	-	-	-	-	-	-	179	286	V
2	5.891	43.3	PK-U	35.6	-20.3	0	58.6	-	-	-	-	68.2	-9.6	237	102	H
	5.892	32.18	ADR	35.6	-20.3	0	47.48	-	-	-	-	-	-	237	102	H
5	5.899	43.12	PK-U	35.6	-20.1	0	58.62	-	-	-	-	68.2	-9.58	147	315	V
	5.9	32.17	ADR	35.6	-20.1	0	47.67	-	-	-	-	-	-	147	315	V
3	16.63	36.01	PK-U	41.7	-21.8	0	55.91	-	-	-	-	68.2	-12.29	72	250	H
	16.632	24.99	ADR	41.7	-21.8	0	44.89	-	-	-	-	-	-	72	250	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

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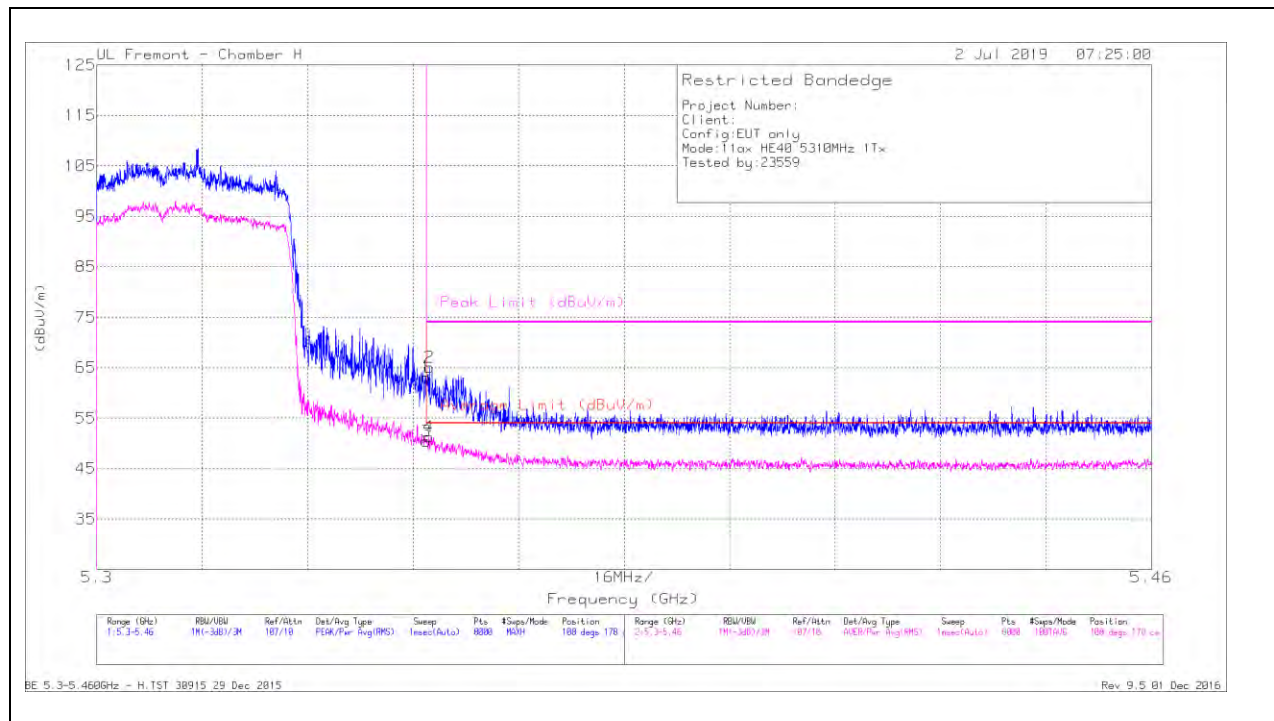
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1.1.11. TX ABOVE 1 GHz 802.11ax HE40 MODE IN THE 5.3 GHz BAND

1TX Antenna 6 MODE – 484 Tones, RU Index 65

BANDEDGE (HIGH CHANNEL)

HORIZONTAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T863 (dB/m)	Amp/Cbl/Filtr/P ad (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	* 5.35	48.74	Pk	34.9	-20.5	0	63.14	-	-	74	-10.86	108	178	H
2	* 5.35	50.71	Pk	34.9	-20.5	0	65.11	-	-	74	-8.89	108	178	H
3	* 5.35	36.03	RMS	34.9	-20.5	0	50.43	54	-3.57	-	-	108	178	H
4	* 5.35	36.88	RMS	34.9	-20.5	0	51.28	54	-2.72	-	-	108	178	H

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

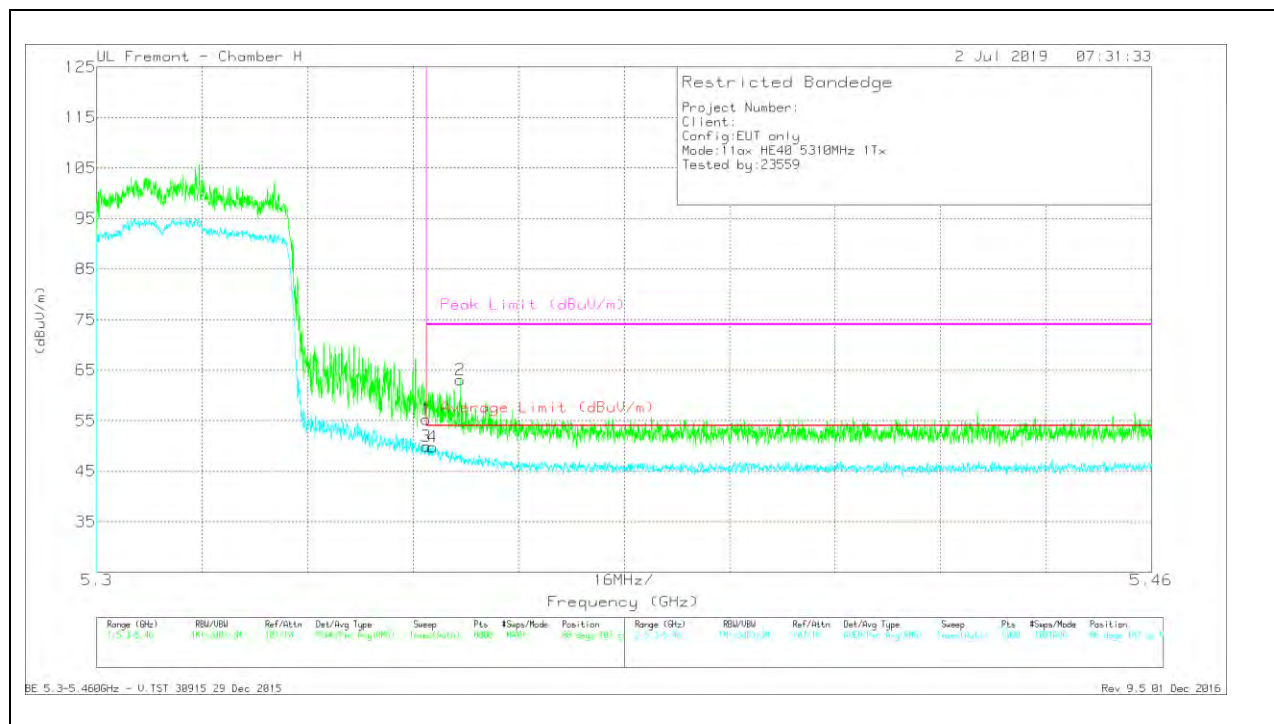
Pk - Peak detector

RMS - RMS detection

BE 5.3-5.460GHz - H.TST 30915 29 Dec 2015

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VERTICAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T863 (dB/m)	Amp/Cbl/Filtr/P ad (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	* 5.35	40.9	Pk	34.9	-20.5	0	55.3	-	-	74	-18.7	88	107	V
2	* 5.355	48.68	Pk	34.9	-20.5	0	63.08	-	-	74	-10.92	88	107	V
3	* 5.35	35.53	RMS	34.9	-20.5	0	49.93	54	-4.07	-	-	88	107	V
4	* 5.351	35.42	RMS	34.9	-20.5	0	49.82	54	-4.18	-	-	88	107	V

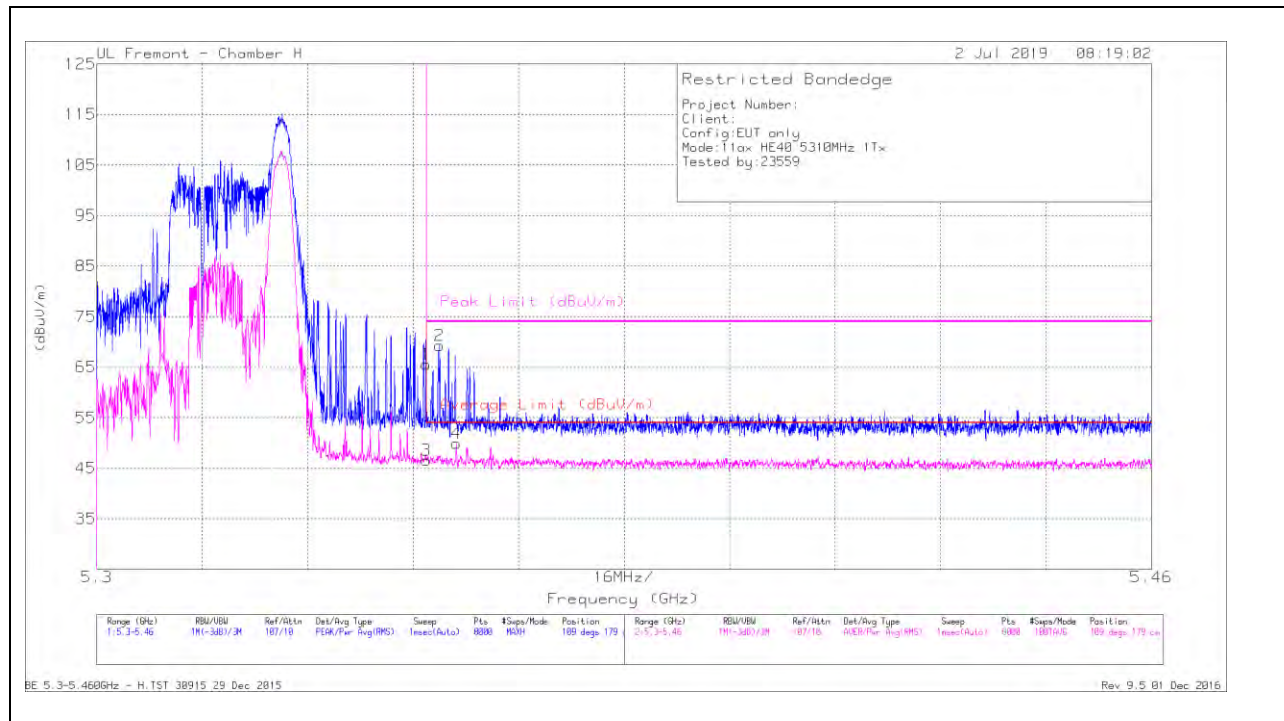
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

Pk - Peak detector

RMS - RMS detection

BE 5.3-5.460GHz - V.TST 30915 29 Dec 2015

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1TX Antenna 6 MODE – 26 Tones, RU Index 17**BANDEDGE (HIGH CHANNEL)****HORIZONTAL RESULT**

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T863 (dB/m)	Amp/Cbl/Filtr/P ad (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	* 5.35	51.12	Pk	34.9	-20.5	0	65.52	-	-	74	-8.48	109	179	H
2	* 5.352	54.85	Pk	34.9	-20.5	0	69.25	-	-	74	-4.75	109	179	H
3	* 5.35	32.11	RMS	34.9	-20.5	0	46.51	54	-7.49	-	-	109	179	H
4	* 5.355	35.52	RMS	34.9	-20.5	0	49.92	54	-4.08	-	-	109	179	H

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

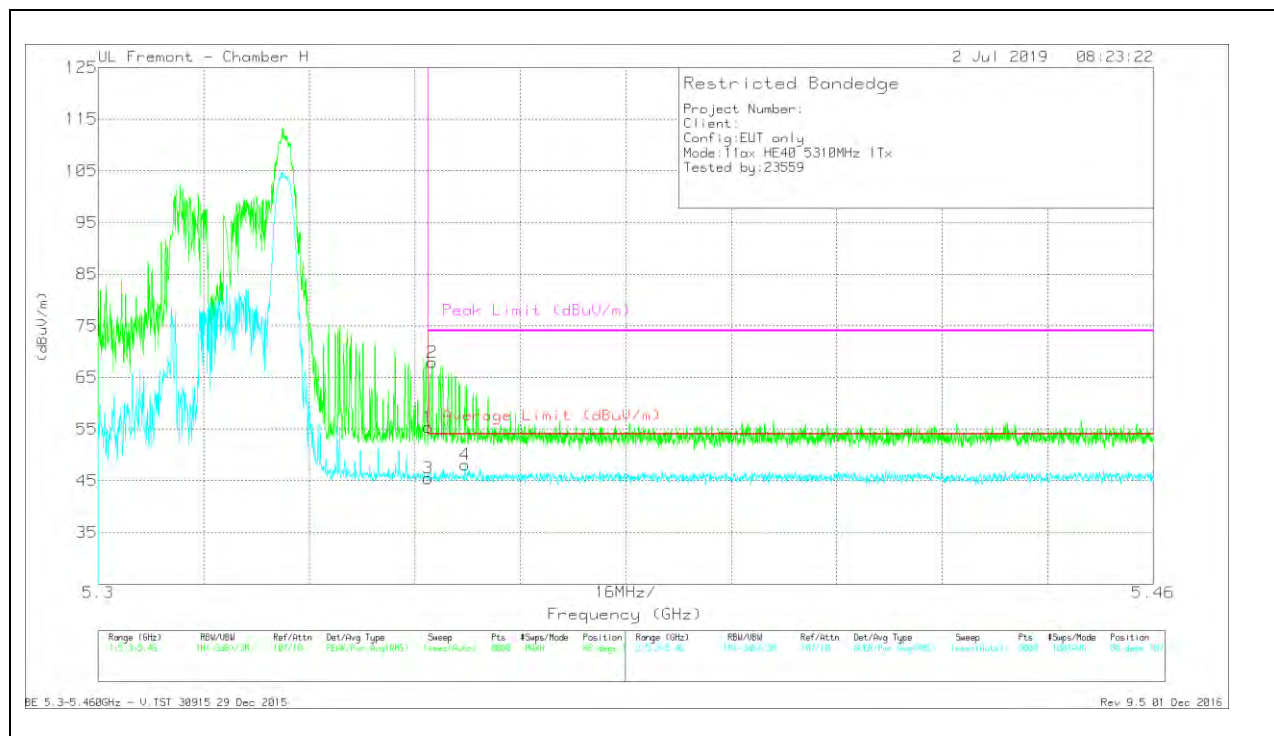
Pk - Peak detector

RMS - RMS detection

BE 5.3-5.460GHz - H.TST 30915 29 Dec 2015

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VERTICAL RESULT



Marker	Frequenc y (GHz)	Meter Reading (dBuV)	Det	AF T863 (dB/m)	Amp/Cbl/Filtr/P ad (dB)	DC Corr (dB)	Correcte d Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 5.35	40.98	Pk	34.9	-20.5	0	55.38	-	-	74	-18.62	88	107	V
2	* 5.351	53.52	Pk	34.9	-20.5	0	67.92	-	-	74	-6.08	88	107	V
3	* 5.35	31.08	RMS	34.9	-20.5	0	45.48	54	-8.52	-	-	88	107	V
4	* 5.356	33.69	RMS	34.9	-20.5	0	48.09	54	-5.91	-	-	88	107	V

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

Pk - Peak detector

RMS - RMS detection

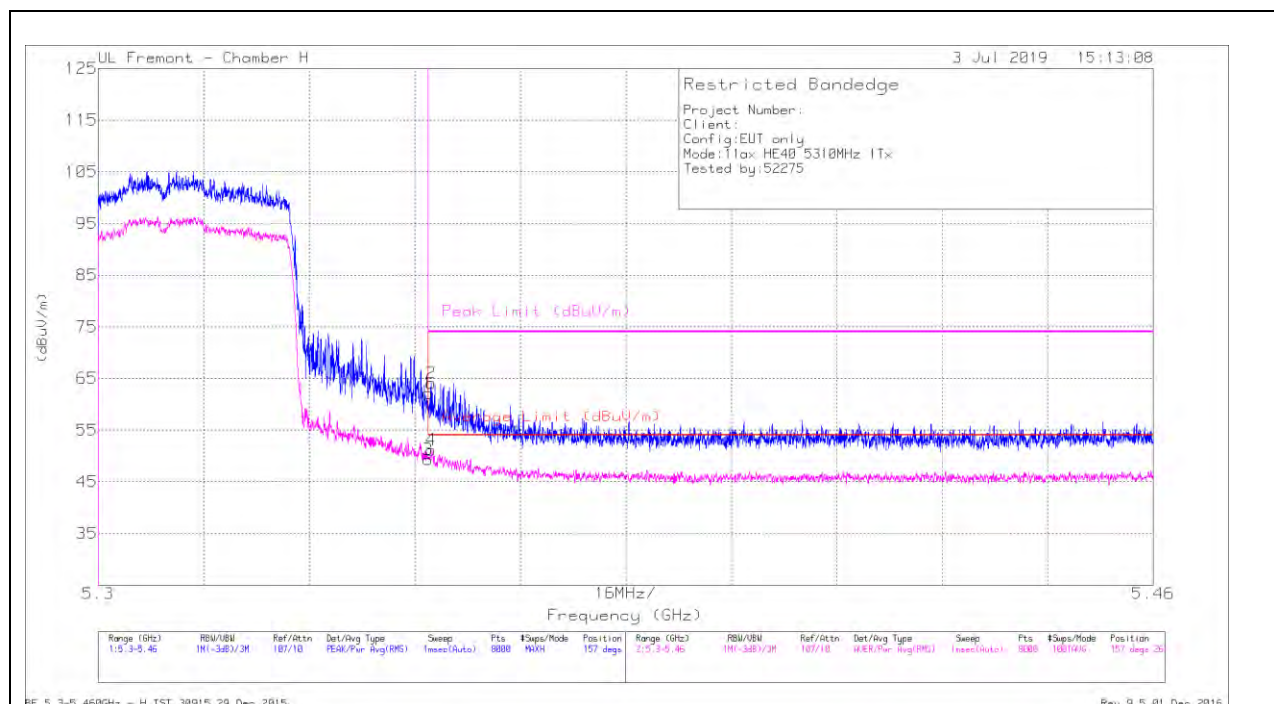
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1TX Antenna 5 MODE – 484 Tones, RU Index 65

BANDEDGE (HIGH CHANNEL)

HORIZONTAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T863 (dB/m)	Amp/Cbl/Filtr/P ad (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	* 5.35	47.76	Pk	34.9	-20.5	0	62.16	-	-	74	-11.84	157	262	H
2	* 5.35	49.7	Pk	34.9	-20.5	0	64.1	-	-	74	-9.9	157	262	H
3	* 5.35	34.88	RMS	34.9	-20.5	0	49.28	54	-4.72	-	-	157	262	H
4	* 5.351	36.73	RMS	34.9	-20.5	0	51.13	54	-2.87	-	-	157	262	H

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

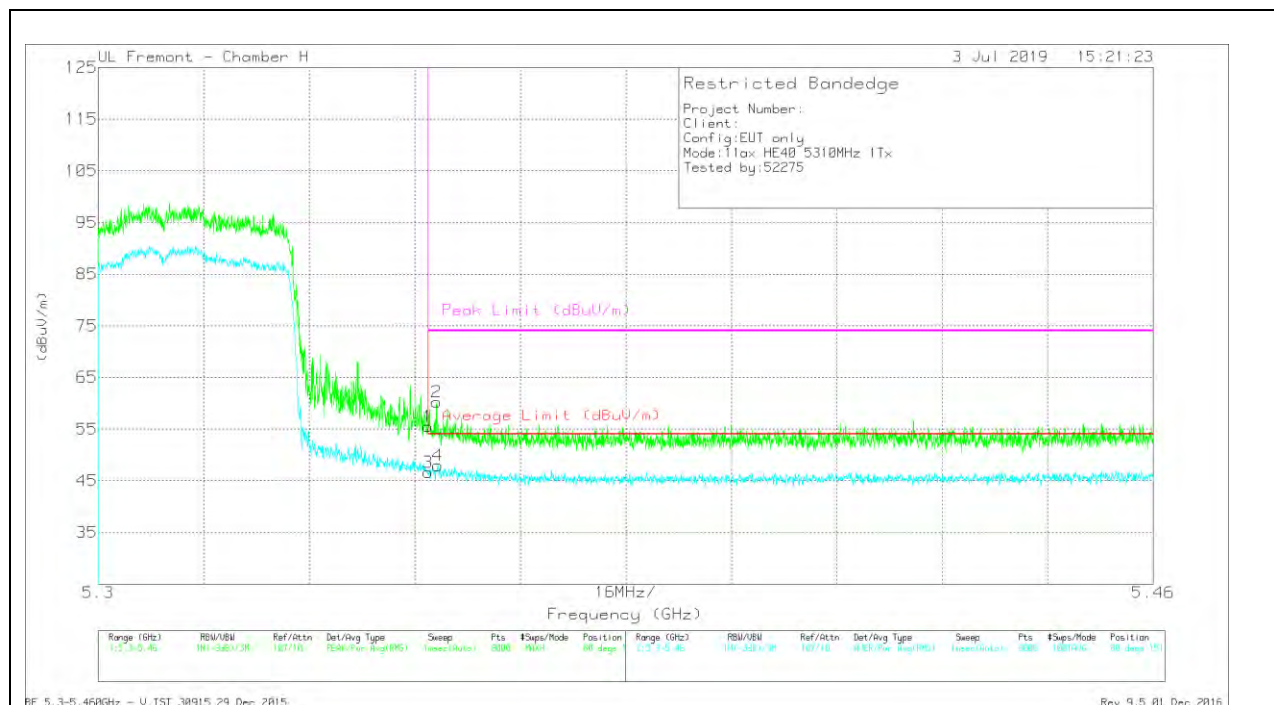
Pk - Peak detector

RMS - RMS detection

BE 5.3-5.460GHz - H.TST 30915 29 Dec 2015

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VERTICAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T863 (dB/m)	Amp/Cbl/Filtr/P ad (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	* 5.35	41.09	Pk	34.9	-20.5	0	55.49	-	-	74	-18.51	80	151	V
2	* 5.351	45.84	Pk	34.9	-20.5	0	60.24	-	-	74	-13.76	80	151	V
3	* 5.35	32.2	RMS	34.9	-20.5	0	46.6	54	-7.4	-	-	80	151	V
4	* 5.351	33.53	RMS	34.9	-20.5	0	47.93	54	-6.07	-	-	80	151	V

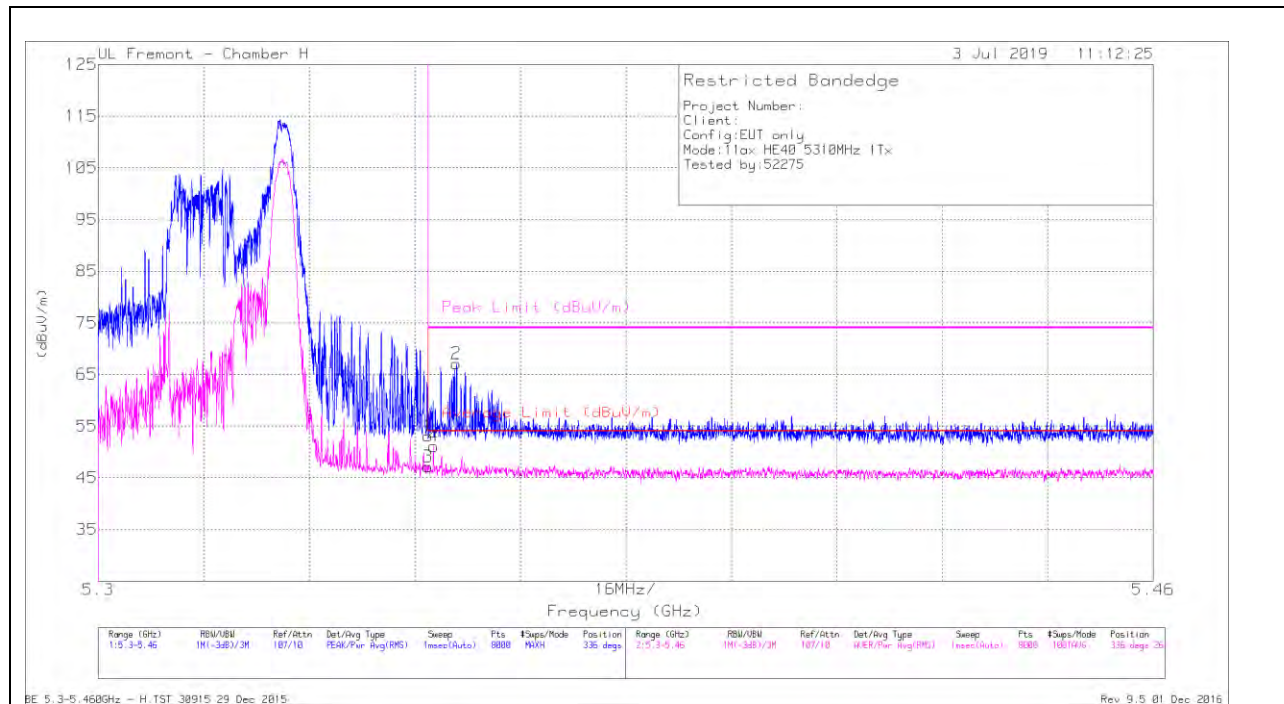
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

Pk - Peak detector

RMS - RMS detection

BE 5.3-5.460GHz - V.TST 30915 29 Dec 2015

Rev 9.5 01 Dec 2016

1TX Antenna 5 MODE – 26 Tones, RU Index 17**BANDEDGE (HIGH CHANNEL)****HORIZONTAL RESULT**

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T863 (dB/m)	Amp/Cbl/Filtr/P ad (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	* 5.35	38.7	Pk	34.9	-20.5	0	53.1	-	-	74	-20.9	336	263	H
2	* 5.354	52.71	Pk	34.9	-20.5	0	67.11	-	-	74	-6.89	336	263	H
3	* 5.35	32.75	RMS	34.9	-20.5	0	47.15	54	-6.85	-	-	336	263	H
4	* 5.351	36.69	RMS	34.9	-20.5	0	51.09	54	-2.91	-	-	336	263	H

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

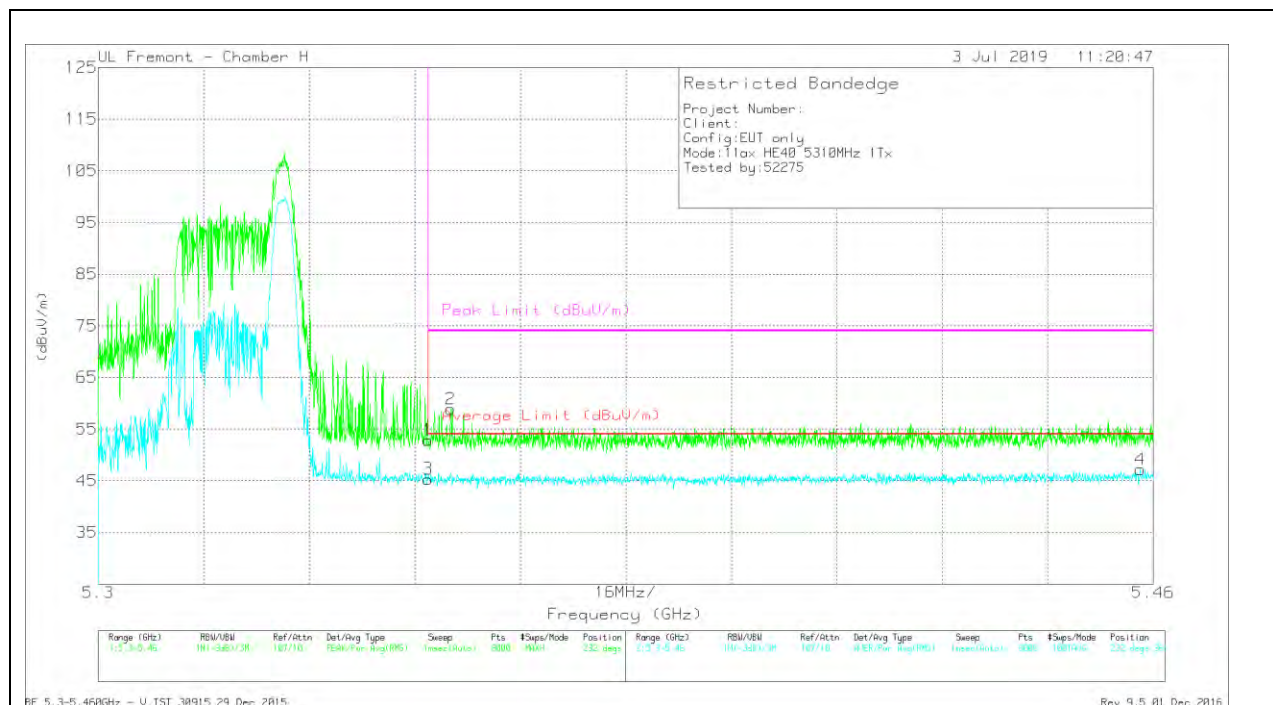
Pk - Peak detector

RMS - RMS detection

BE 5.3-5.460GHz - H.TST 30915 29 Dec 2015

Rev 9.5 01 Dec 2016

VERTICAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T863 (dB/m)	Amp/Cbl/Filtr/P ad (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	* 5.35	38.45	Pk	34.9	-20.5	0	52.85	-	-	74	-21.15	232	368	V
2	* 5.353	44.48	Pk	34.9	-20.5	0	58.88	-	-	74	-15.12	232	368	V
3	* 5.35	30.92	RMS	34.9	-20.5	0	45.32	54	-8.68	-	-	232	368	V
4	* 5.458	32.3	RMS	35.3	-20.4	0	47.2	54	-6.8	-	-	232	368	V

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

Pk - Peak detector

RMS - RMS detection

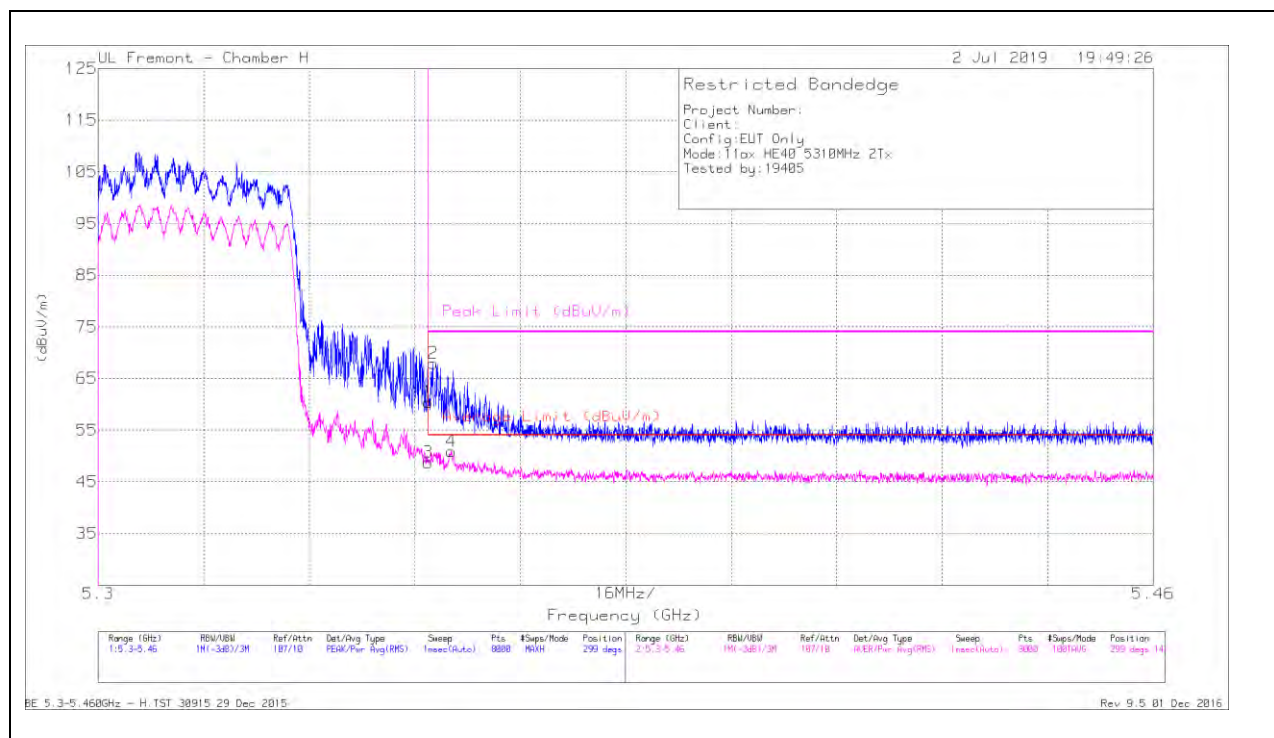
BE 5.3-5.460GHz - V.TST 30915 29 Dec 2015

Rev 9.5 01 Dec 2016

2TX Antenna 6 + Antenna 5 OFDMA MODE – 484 Tones, RU Index 65

BANEDGE (HIGH CHANNEL)

HORIZONTAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T863 (dB/m)	Amp/Cbl/Filtr/P ad (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	* 5.35	46.01	Pk	34.9	-20.5	0	60.41	-	-	74	-13.59	299	142	H
2	* 5.351	53.53	Pk	34.9	-20.5	0	67.93	-	-	74	-6.07	299	142	H
3	* 5.35	34.37	RMS	34.9	-20.5	0	48.77	54	-5.23	-	-	299	142	H
4	* 5.354	36.5	RMS	34.9	-20.5	0	50.9	54	-3.1	-	-	299	142	H

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

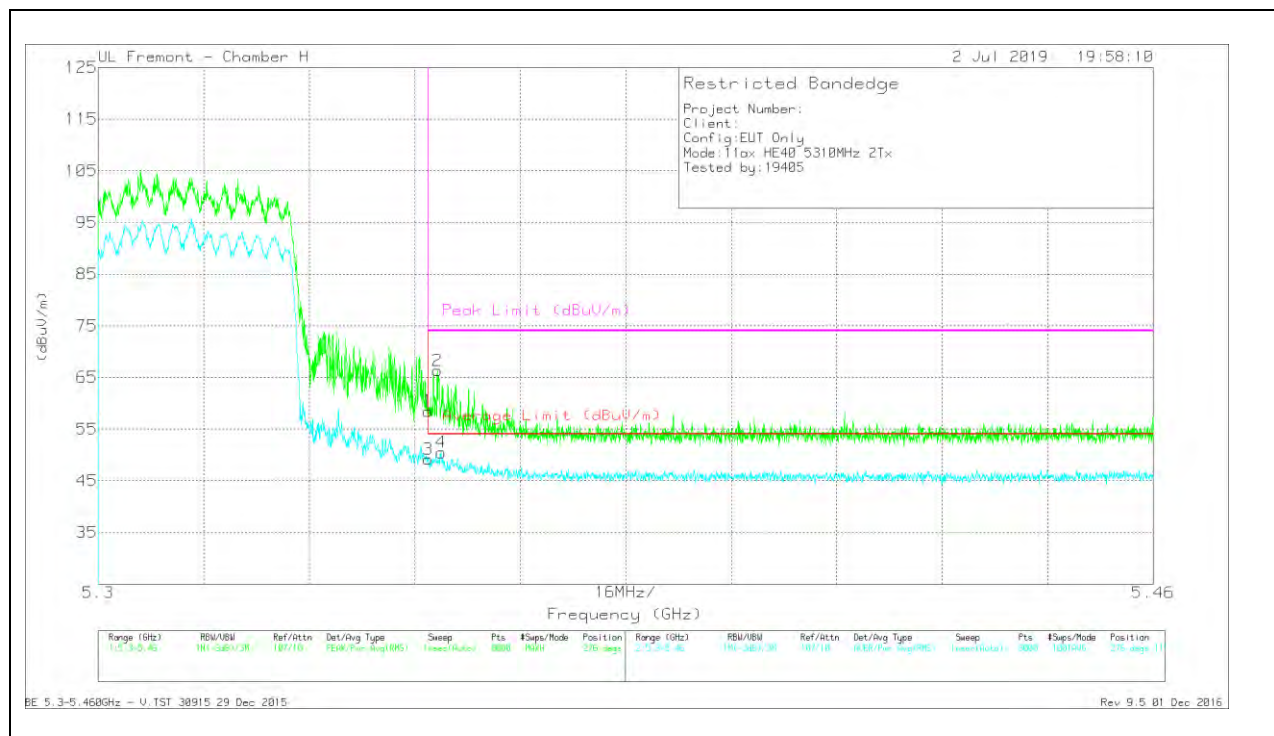
Pk - Peak detector

RMS - RMS detection

BE 5.3-5.460GHz - H.TST 30915 29 Dec 2015

Rev 9.5 01 Dec 2016

VERTICAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T863 (dB/m)	Amp/Cbl/Filtr/P ad (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	* 5.35	44.07	Pk	34.9	-20.5	0	58.47	-	-	74	-15.53	276	119	V
3	* 5.35	34.77	RMS	34.9	-20.5	0	49.17	54	-4.83	-	-	276	119	V
2	* 5.351	51.92	Pk	34.9	-20.5	0	66.32	-	-	74	-7.68	276	119	V
4	* 5.352	36.07	RMS	34.9	-20.5	0	50.47	54	-3.53	-	-	276	119	V

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

Pk - Peak detector

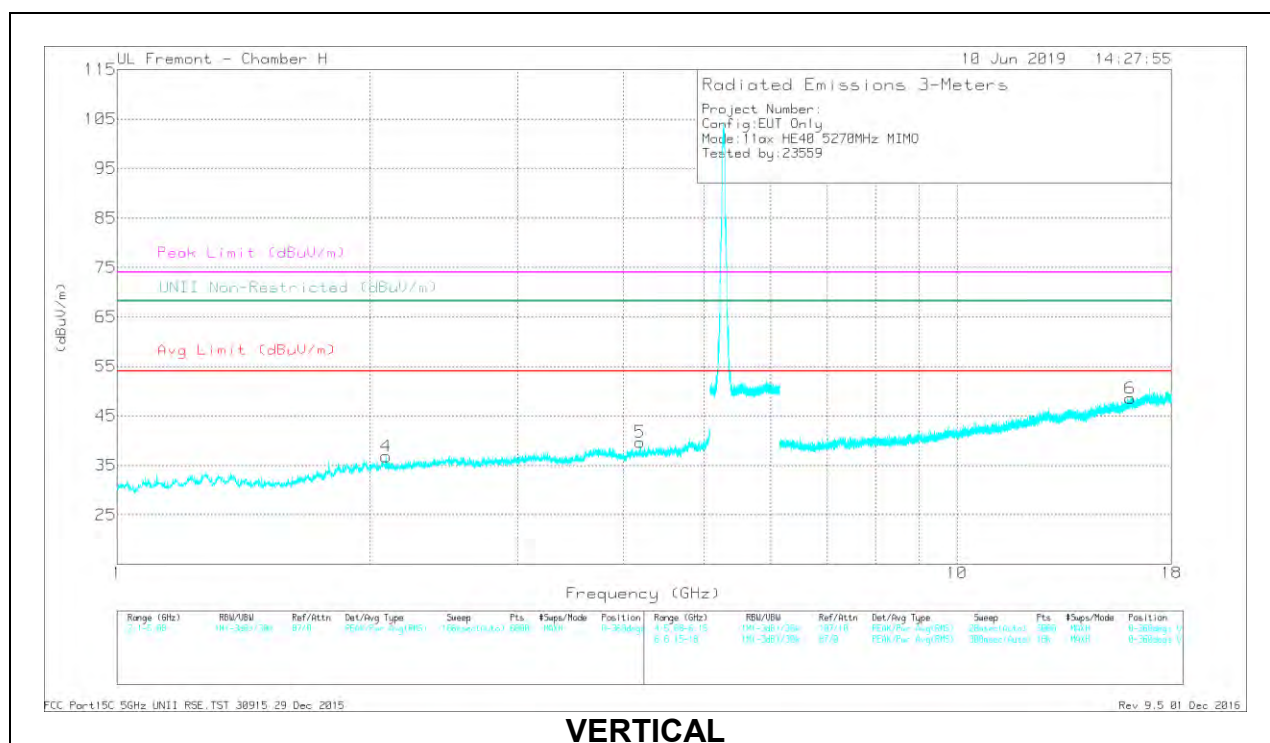
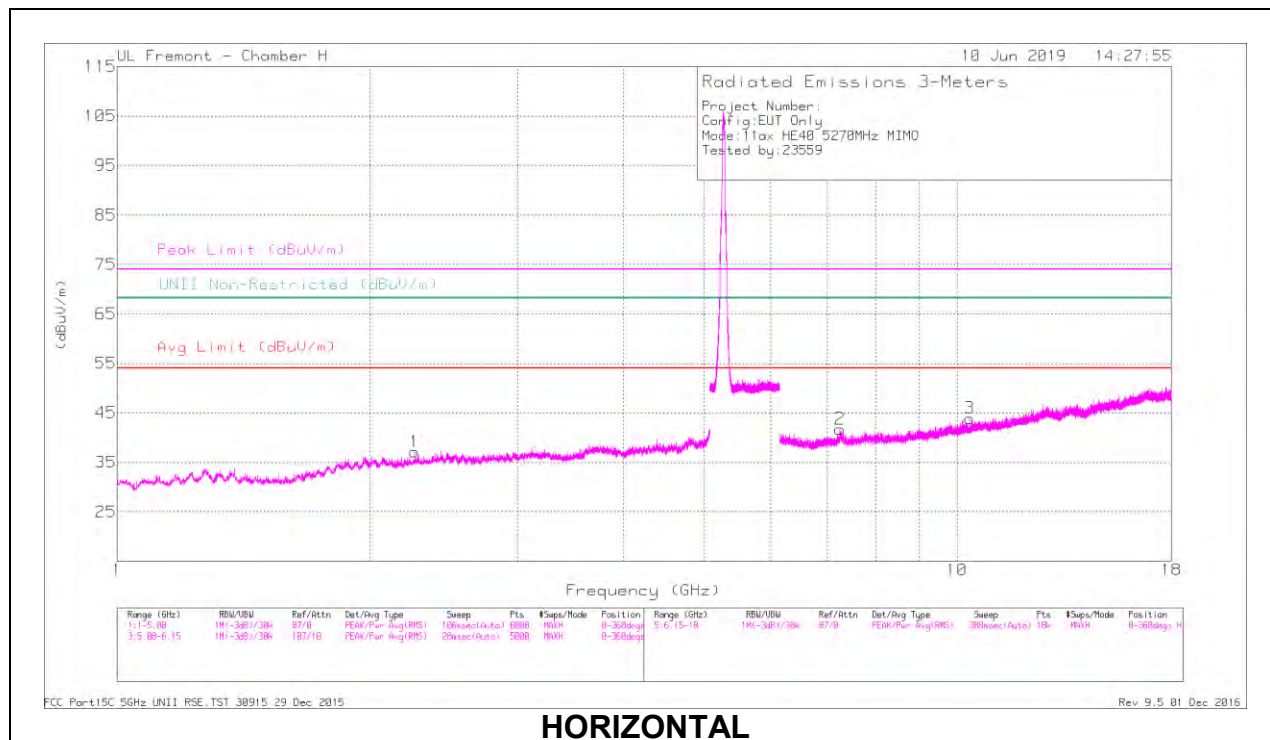
RMS - RMS detection

BE 5.3-5.460GHz - V.TST 30915 29 Dec 2015

Rev 9.5 01 Dec 2016

HARMONICS AND SPURIOUS EMISSIONS

LOW CHANNEL RESULTS



RADIATED EMISSIONS

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T863 (dBm)	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)	Polarity
1	* 2.26	43.35	PK-U	31.9	-31.9	0	43.35	-	-	74	-30.65	-	-	273	190	H
	* 2.26	31.54	ADR	31.9	-31.9	0	31.54	54	-22.46	-	-	-	-	273	190	H
5	* 4.194	42.07	PK-U	33.5	-30.7	0	44.87	-	-	74	-29.13	-	-	232	298	V
	* 4.196	30.42	ADR	33.4	-30.6	0	33.22	54	-20.78	-	-	-	-	232	298	V
2	* 7.256	38.25	PK-U	36	-26.1	0	48.15	-	-	74	-25.85	-	-	313	189	H
	* 7.257	27.25	ADR	36	-26.1	0	37.15	54	-16.85	-	-	-	-	313	189	H
6	* 16.081	35.79	PK-U	41.6	-22.3	0	55.09	-	-	74	-18.91	-	-	250	307	V
	* 16.08	24.5	ADR	41.6	-22.4	0	43.7	54	-10.3	-	-	-	-	250	307	V
4	2.089	43.55	PK-U	31.6	-32.3	0	42.85	-	-	-	-	68.2	-25.35	170	222	V
3	10.361	36.5	PK-U	37.3	-24	0	49.8	-	-	-	-	68.2	-18.4	193	232	H

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

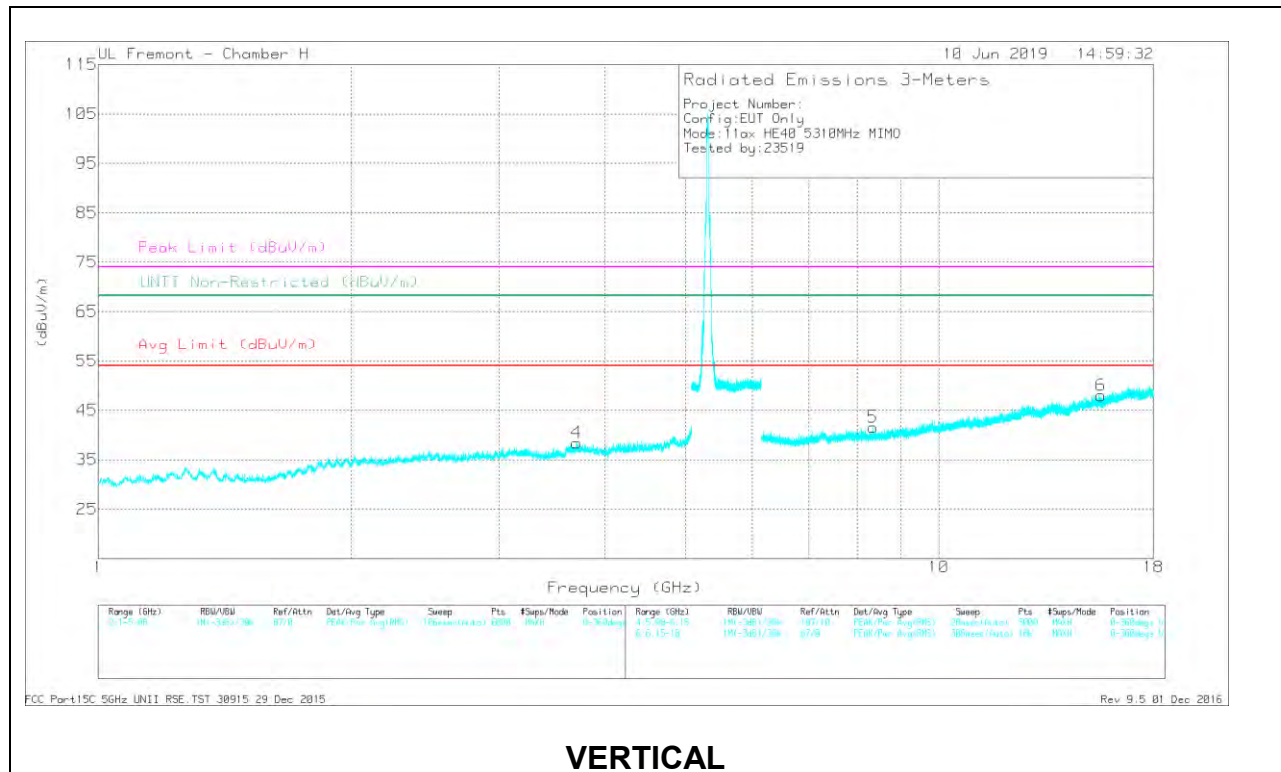
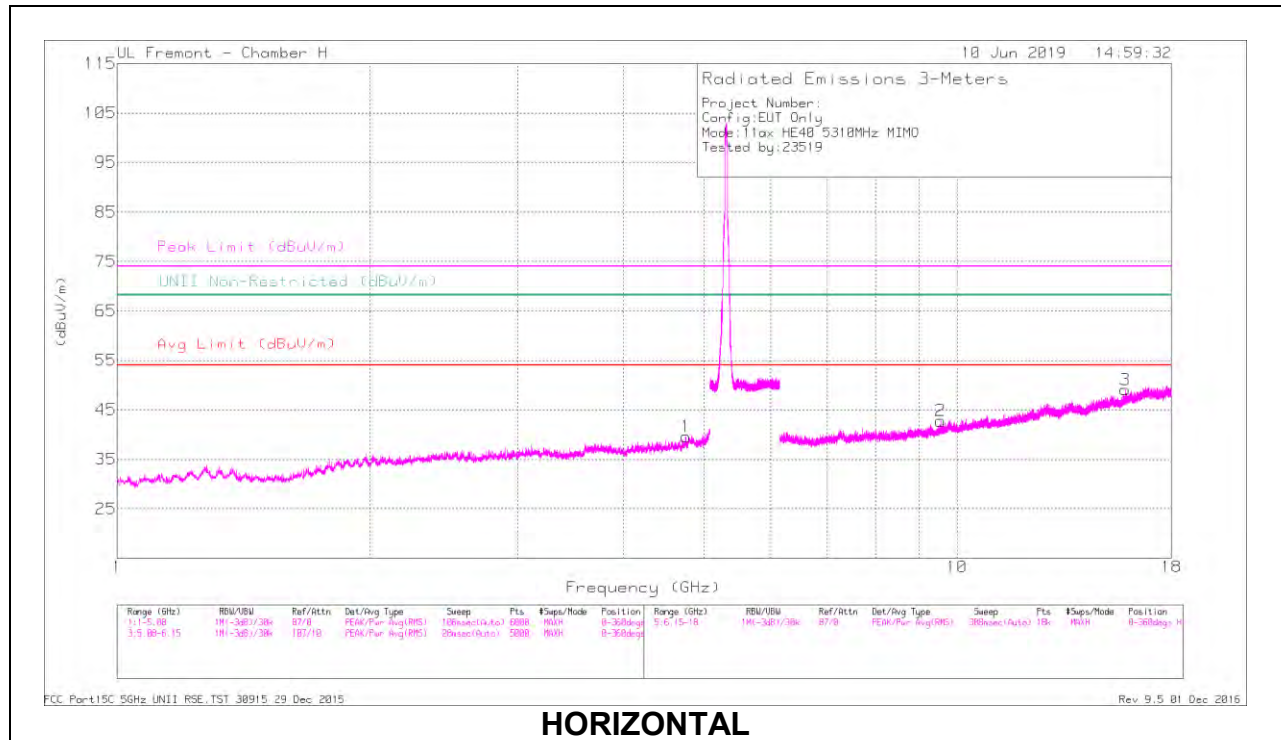
PK-U - U-NII: Maximum Peak

ADR - U-NII AD primary method, RMS average

FCC Part15C 5GHz UNII RSE.TST 30915 29 Dec 2015

Rev 9.5 01 Dec 2016

HIGH CHANNEL RESULTS



RADIATED EMISSIONS

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T863 (dBm)	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)	Polarity
1	* 4.754	42.17	PK-U	34.2	-29.7	0	46.67	-	-	74	-27.33	-	-	178	170	H
	* 4.755	30.75	ADR	34.3	-29.7	0	35.35	54	-18.65	-	-	-	-	178	170	H
4	* 3.708	41.69	PK-U	33.2	-30.8	0	44.09	-	-	74	-29.91	-	-	243	220	V
	* 3.707	30.83	ADR	33.2	-30.8	0	33.23	54	-20.77	-	-	-	-	243	220	V
3	* 15.861	35.54	PK-U	41	-21.7	0	54.84	-	-	74	-19.16	-	-	137	302	H
	* 15.862	24.26	ADR	41	-21.7	0	43.56	54	-10.44	-	-	-	-	137	302	H
5	* 8.352	37.29	PK-U	36	-26.5	0	46.79	-	-	74	-27.21	-	-	249	250	V
	* 8.354	26.72	ADR	36	-26.4	0	36.32	54	-17.68	-	-	-	-	249	250	V
6	* 15.591	35.56	PK-U	40.7	-22.4	0	53.86	-	-	74	-20.14	-	-	150	190	V
	* 15.592	24.73	ADR	40.7	-22.4	0	43.03	54	-10.97	-	-	-	-	150	190	V
2	9.559	36.53	PK-U	36.8	-24.5	0	48.83	-	-	-	-	68.2	-19.37	277	178	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

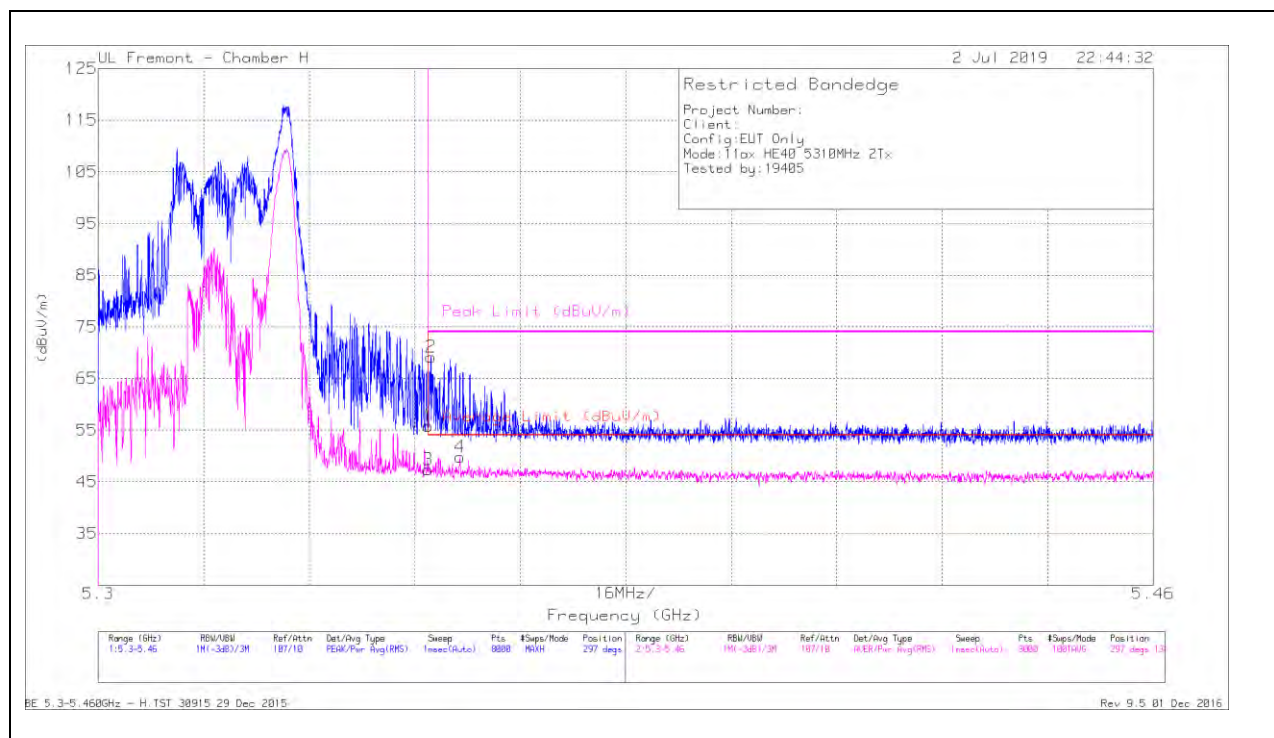
FCC Part15C 5GHz UNII RSE.TST 30915 29 Dec 2015

Rev 9.5 01 Dec 2016

2TX Antenna 6 + Antenna 5 OFDMA MODE – 26 Tones, RU Index 17

BANDEDGE (HIGH CHANNEL)

HORIZONTAL RESULT



Marker	Frequenc y (GHz)	Meter Reading (dBuV)	Det	AF T863 (dB/m)	Amp/Cbl/Filtr/P ad (dB)	DC Corr (dB)	Correcte d Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 5.35	41.43	Pk	34.9	-20.5	0	55.83	-	-	74	-18.17	297	138	H
2	* 5.35	54.77	Pk	34.9	-20.5	0	69.17	-	-	74	-4.83	297	138	H
3	* 5.35	32.96	RMS	34.9	-20.5	0	47.36	54	-6.64	-	-	297	138	H
4	* 5.355	35.42	RMS	34.9	-20.5	0	49.82	54	-4.18	-	-	297	138	H

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

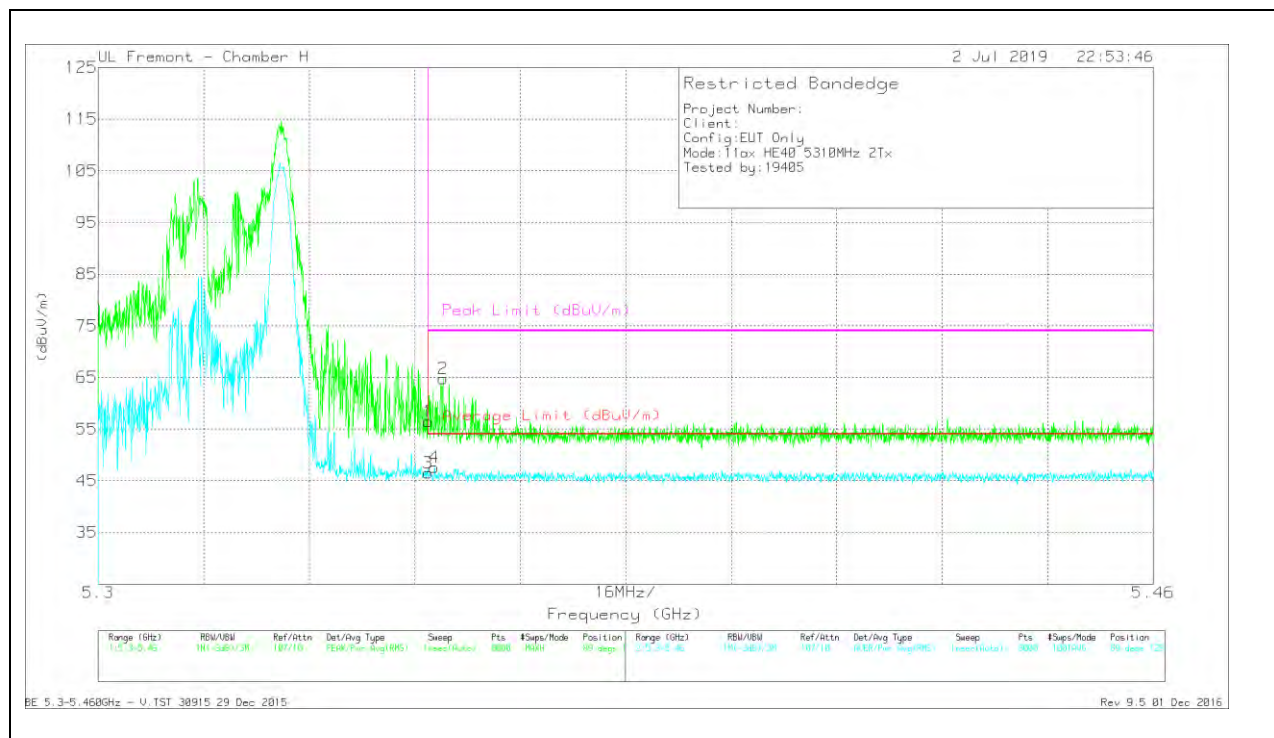
Pk - Peak detector

RMS - RMS detection

BE 5.3-5.460GHz - H.TST 30915 29 Dec 2015

Rev 9.5 01 Dec 2016

VERTICAL RESULT



Marker	Frequenc y (GHz)	Meter Reading (dBuV)	Det	AF T863 (dB/m)	Amp/Cbl/Filtr/P ad (dB)	DC Corr (dB)	Correcte d Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 5.35	42.08	Pk	34.9	-20.5	0	56.48	-	-	74	-17.52	89	129	V
2	* 5.352	50.35	Pk	34.9	-20.5	0	64.75	-	-	74	-9.25	89	129	V
3	* 5.35	32.1	RMS	34.9	-20.5	0	46.5	54	-7.5	-	-	89	129	V
4	* 5.351	33.19	RMS	34.9	-20.5	0	47.59	54	-6.41	-	-	89	129	V

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

Pk - Peak detector

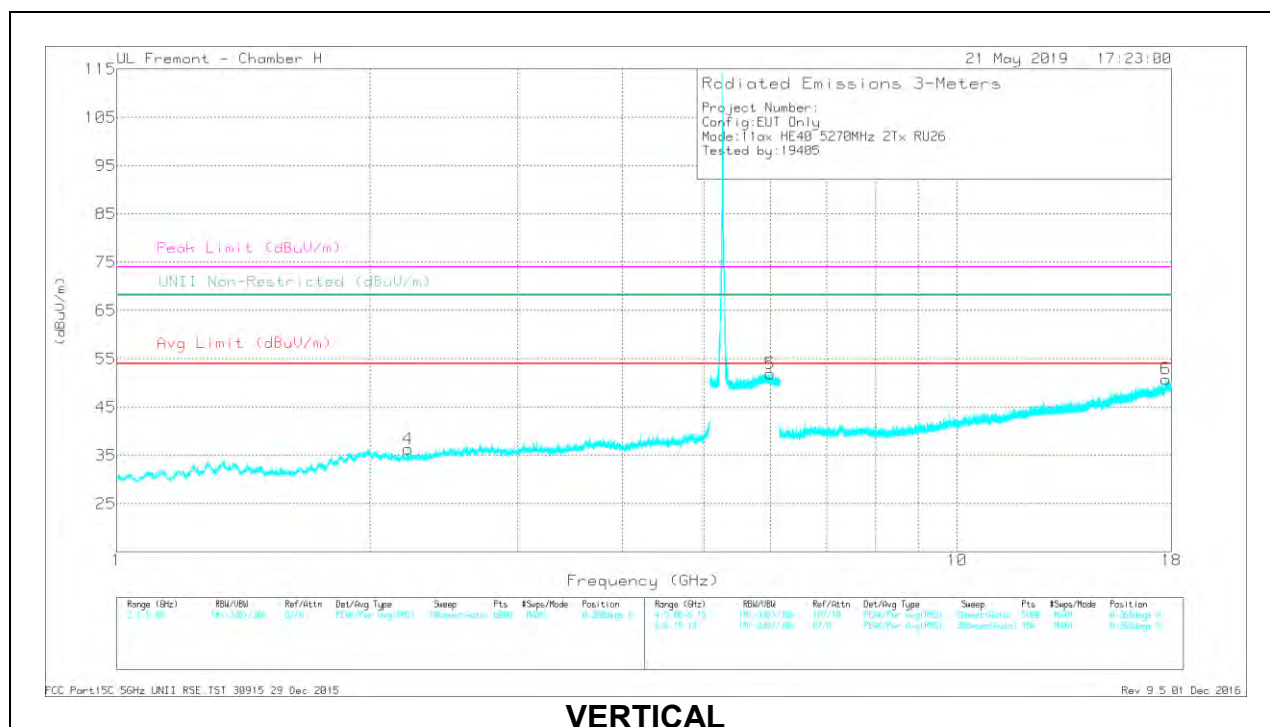
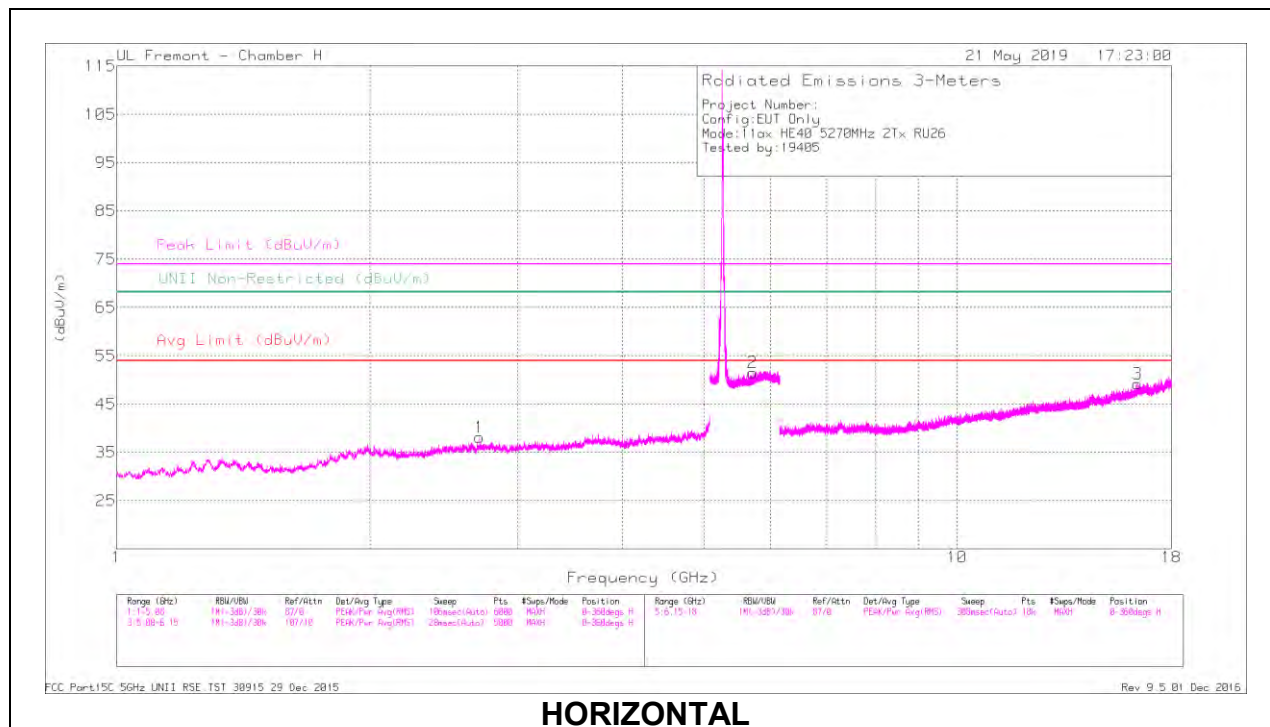
RMS - RMS detection

BE 5.3-5.460GHz - V.TST 30915 29 Dec 2015

Rev 9.5 01 Dec 2016

HARMONICS AND SPURIOUS EMISSIONS

LOW CHANNEL RESULTS



RADIATED EMISSIONS

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T136 (dBm)	Amp/Cbl/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)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.704	43.69	PK-U	32.5	-31.6	0	44.59	-	-	74	-29.41	-	-	293	148	H
	* 2.705	31.67	ADR	32.5	-31.6	0	32.57	54	-21.43	-	-	-	-	293	148	H
4	* 2.224	44.34	PK-U	31.4	-31.9	0	43.84	-	-	74	-30.16	-	-	352	240	V
	* 2.224	31.49	ADR	31.4	-31.9	0	30.99	54	-23.01	-	-	-	-	352	240	V
6	* 17.737	35.07	PK-U	41.6	-19.8	0	56.87	-	-	74	-17.13	-	-	265	188	V
	* 17.738	24.43	ADR	41.6	-19.8	0	46.23	54	-7.77	-	-	-	-	265	188	V
2	5.709	43.7	PK-U	35	-20.8	0	57.9	-	-	-	-	68.2	-10.3	276	103	H
	5.712	31.86	ADR	35	-20.8	0	46.06	-	-	-	-	-	-	276	103	H
5	5.992	42.66	PK-U	35.6	-19.9	0	58.36	-	-	-	-	68.2	-9.84	217	158	V
	5.992	31.52	ADR	35.6	-19.9	0	47.22	-	-	-	-	-	-	217	158	V
3	16.411	35.31	PK-U	41.5	-21.4	0	55.41	-	-	-	-	68.2	-12.79	37	232	H
	16.414	24.46	ADR	41.5	-21.5	0	44.46	-	-	-	-	-	-	37	232	H

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

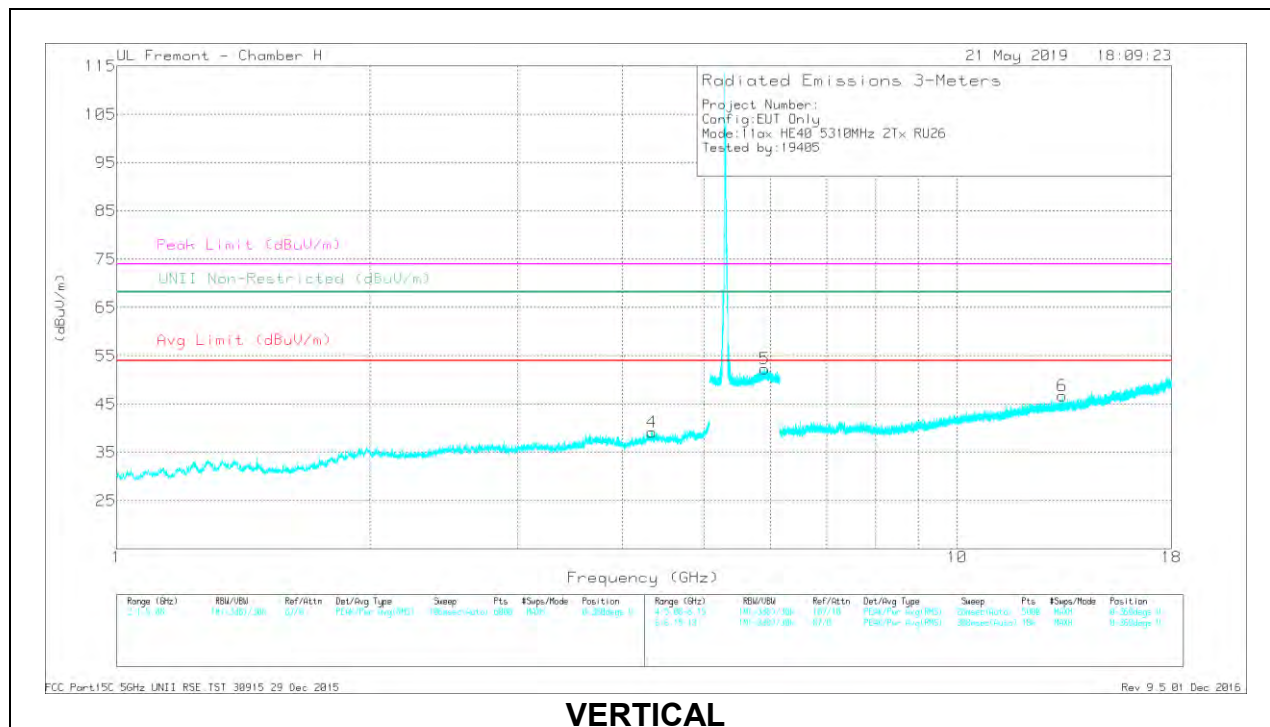
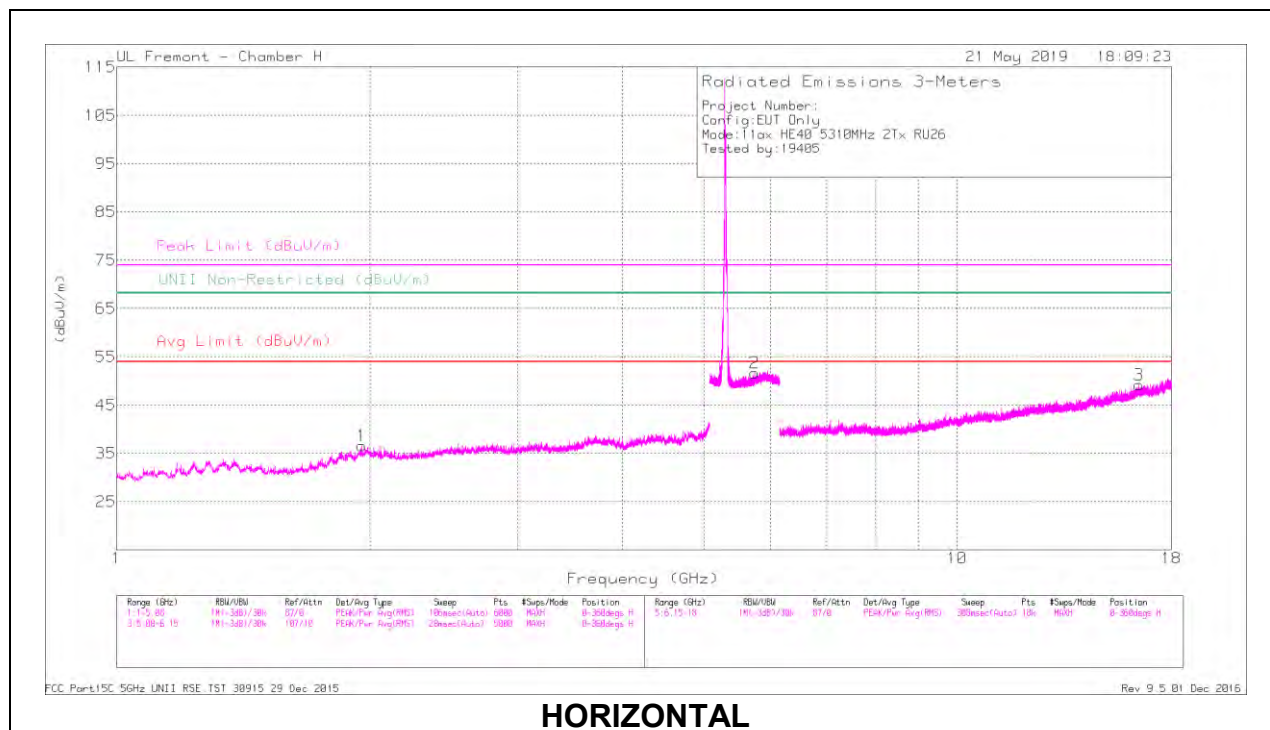
PK-U - U-NII: Maximum Peak

ADR - U-NII AD primary method, RMS average

FCC Part15C 5GHz UNII RSE.TST 30915 29 Dec 2015

Rev 9.5 01 Dec 2016

HIGH CHANNEL RESULTS



RADIATED EMISSIONS

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T136 (dBm)	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)	Polarity
4	* 4.334	41.06	PK-U	33.8	-30	0	44.86	-	-	74	-29.14	-	-	316	249	V
	* 4.336	29.89	ADR	33.8	-30	0	33.69	54	-20.31	-	-	-	-	316	249	V
6	* 13.357	35.81	PK-U	39.5	-23.1	0	52.21	-	-	74	-21.79	-	-	161	277	V
	* 13.355	24.69	ADR	39.5	-23.1	0	41.09	54	-12.91	-	-	-	-	161	277	V
1	1.955	43.37	PK-U	31.8	-32.3	0	42.87	-	-	-	-	68.2	-25.33	253	172	H
	1.956	32.01	ADR	31.8	-32.3	0	31.51	-	-	-	-	-	-	253	172	H
2	5.74	31.83	ADR	35.2	-20.6	0	46.43	-	-	-	-	-	-	292	368	H
	5.742	43.33	PK-U	35.2	-20.6	0	57.93	-	-	-	-	68.2	-10.27	292	368	H
5	5.904	32.01	ADR	35.7	-20.2	0	47.51	-	-	-	-	-	-	76	281	V
	5.906	43.24	PK-U	35.7	-20.3	0	58.64	-	-	-	-	68.2	-9.56	76	281	V
3	16.458	35.82	PK-U	41.5	-21.5	0	55.82	-	-	-	-	68.2	-12.38	208	313	H
	16.458	24.39	ADR	41.5	-21.5	0	44.39	-	-	-	-	-	-	208	313	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

FCC Part15C 5GHz UNII RSE.TST 30915 29 Dec 2015

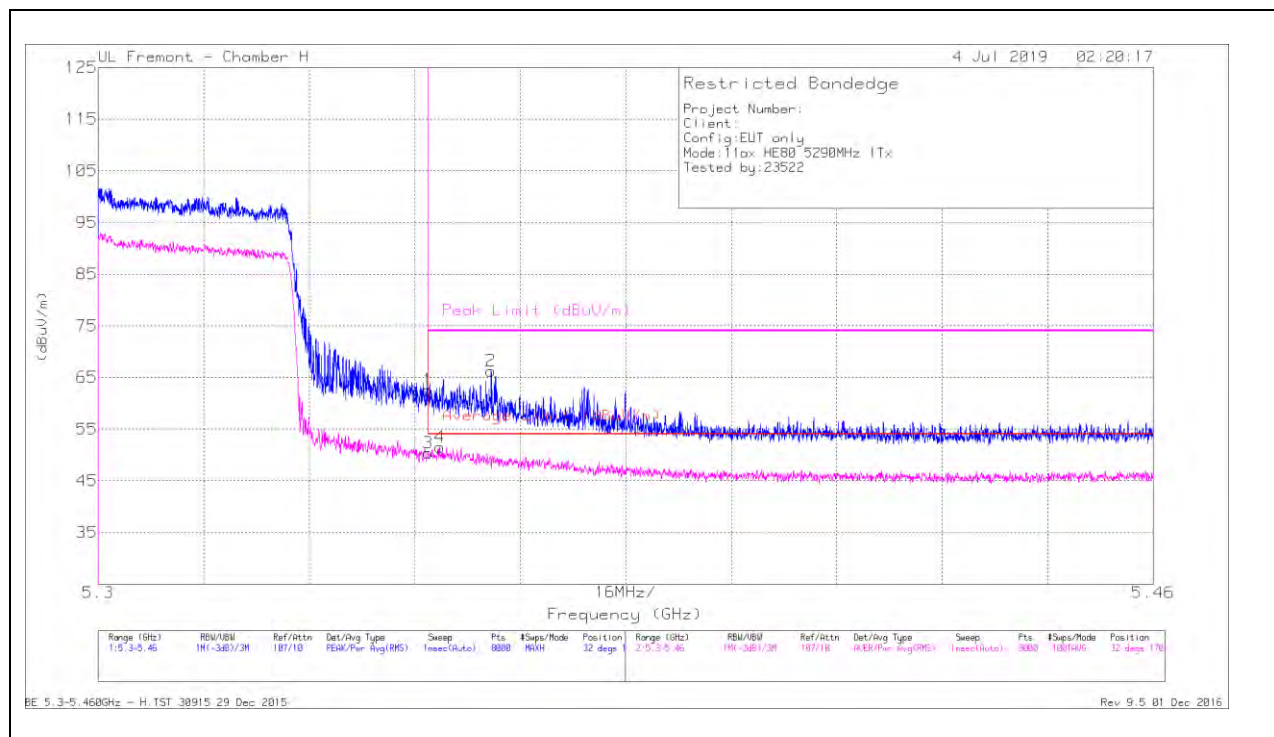
Rev 9.5 01 Dec 2016

1.1.12. TX ABOVE 1 GHz 802.11ax HE80 MODE IN THE 5.3 GHz BAND

1TX Antenna 6 MODE – 996 Tones, RU Index 67

BANDEDGE (MID CHANNEL)

HORIZONTAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T863 (dB/m)	Amp/Cbl/Filtr/P ad (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	* 5.35	48.17	Pk	34.9	-20.5	0	62.57	-	-	74	-11.43	32	170	H
2	* 5.36	51.86	Pk	34.9	-20.5	0	66.26	-	-	74	-7.74	32	170	H
3	* 5.35	35.97	RMS	34.9	-20.5	0.12	50.49	54	-3.51	-	-	32	170	H
4	* 5.352	37.08	RMS	34.9	-20.5	0.12	51.60	54	-2.40	-	-	32	170	H

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

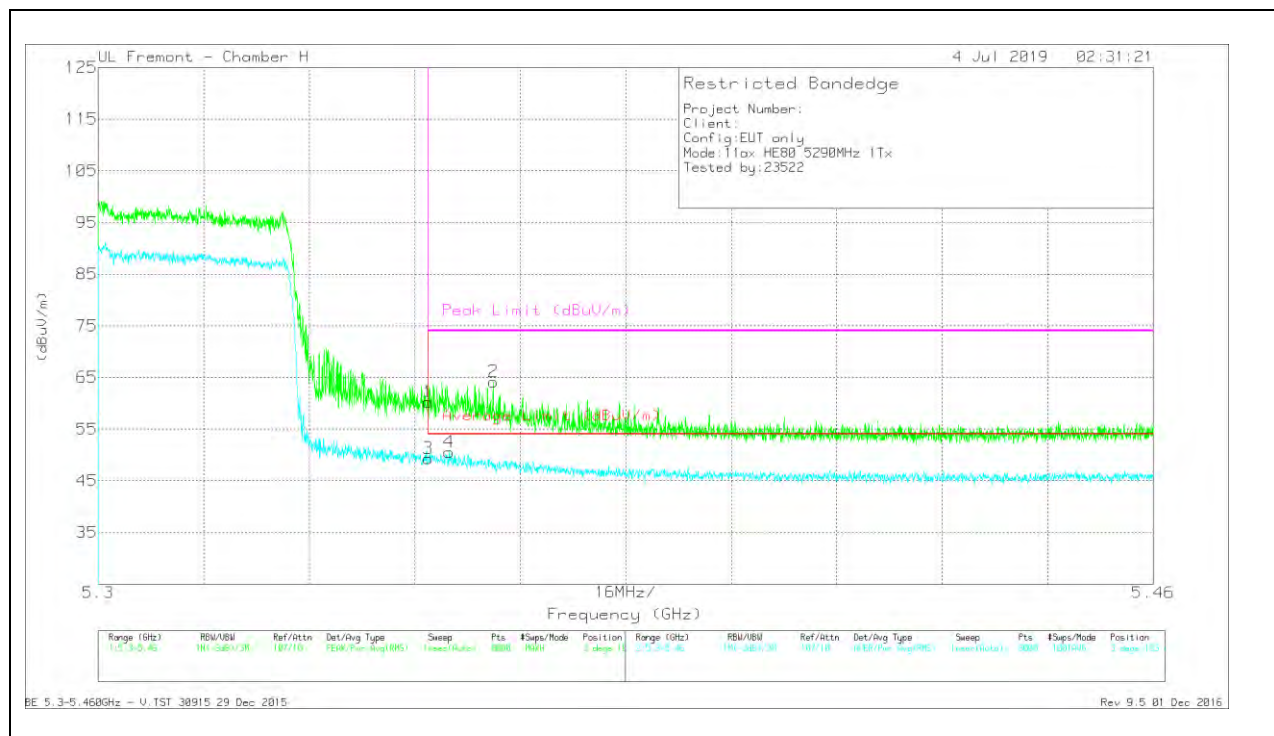
Pk - Peak detector

RMS - RMS detection

BE 5.3-5.460GHz - H.TST 30915 29 Dec 2015

Rev 9.5 01 Dec 2016

VERTICAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T863 (dB/m)	Amp/Cbl/Filtr/P ad (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	* 5.35	45.81	Pk	34.9	-20.5	0	60.21	-	-	74	-13.79	3	103	V
2	* 5.36	49.77	Pk	34.9	-20.5	0	64.17	-	-	74	-9.83	3	103	V
3	* 5.35	34.92	RMS	34.9	-20.5	0.12	49.44	54	-4.56	-	-	3	103	V
4	* 5.353	36.16	RMS	34.9	-20.5	0.12	50.68	54	-3.32	-	-	3	103	V

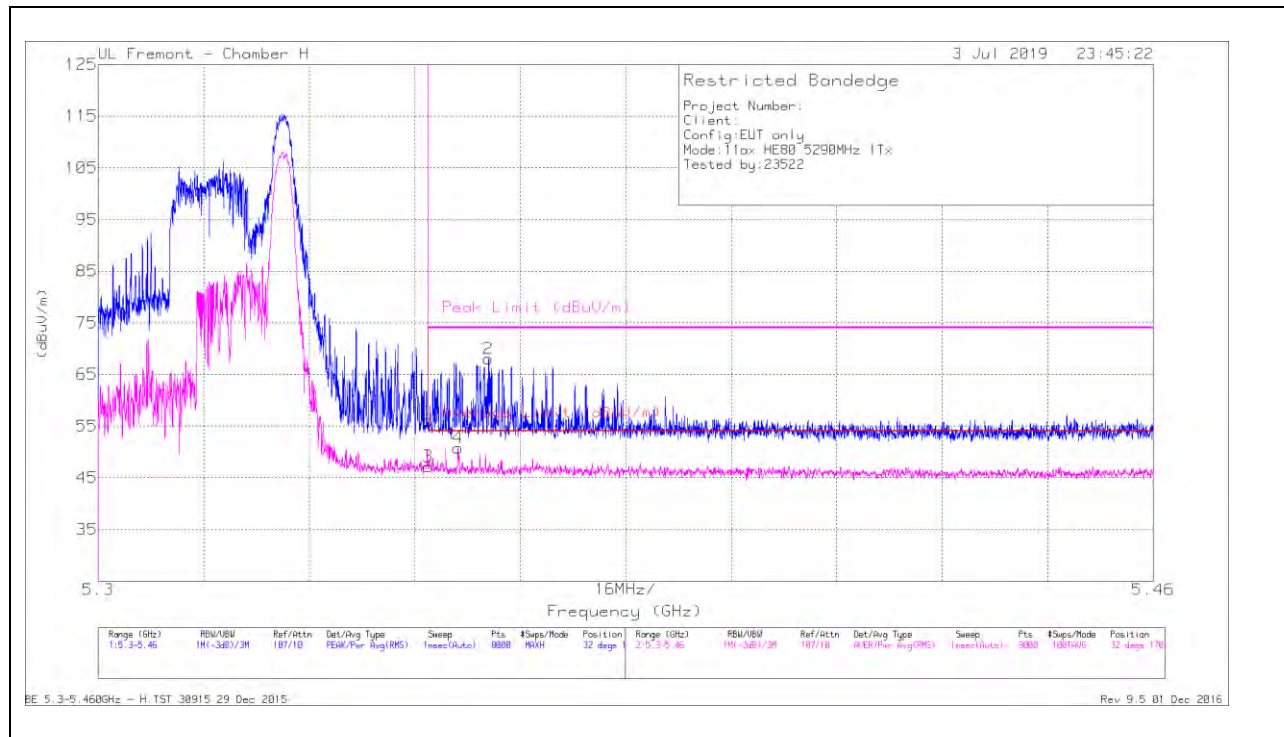
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

Pk - Peak detector

RMS - RMS detection

BE 5.3-5.460GHz - V.TST 30915 29 Dec 2015

Rev 9.5 01 Dec 2016

1TX Antenna 6 MODE – 26 Tones, RU Index 36**BANDEDGE (MID CHANNEL)****HORIZONTAL RESULT**

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T863 (dB/m)	Amp/Cbl/Filtri/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	* 5.35	41.66	Pk	34.9	-20.5	0	56.06	-	-	74	-17.94	32	170	H
2	* 5.359	53.64	Pk	34.9	-20.5	0	68.04	-	-	74	-5.96	32	170	H
3	* 5.35	32.75	RMS	34.9	-20.5	0	47.15	54	-6.85	-	-	32	170	H
4	* 5.355	36.38	RMS	34.9	-20.5	0	50.78	54	-3.22	-	-	32	170	H

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

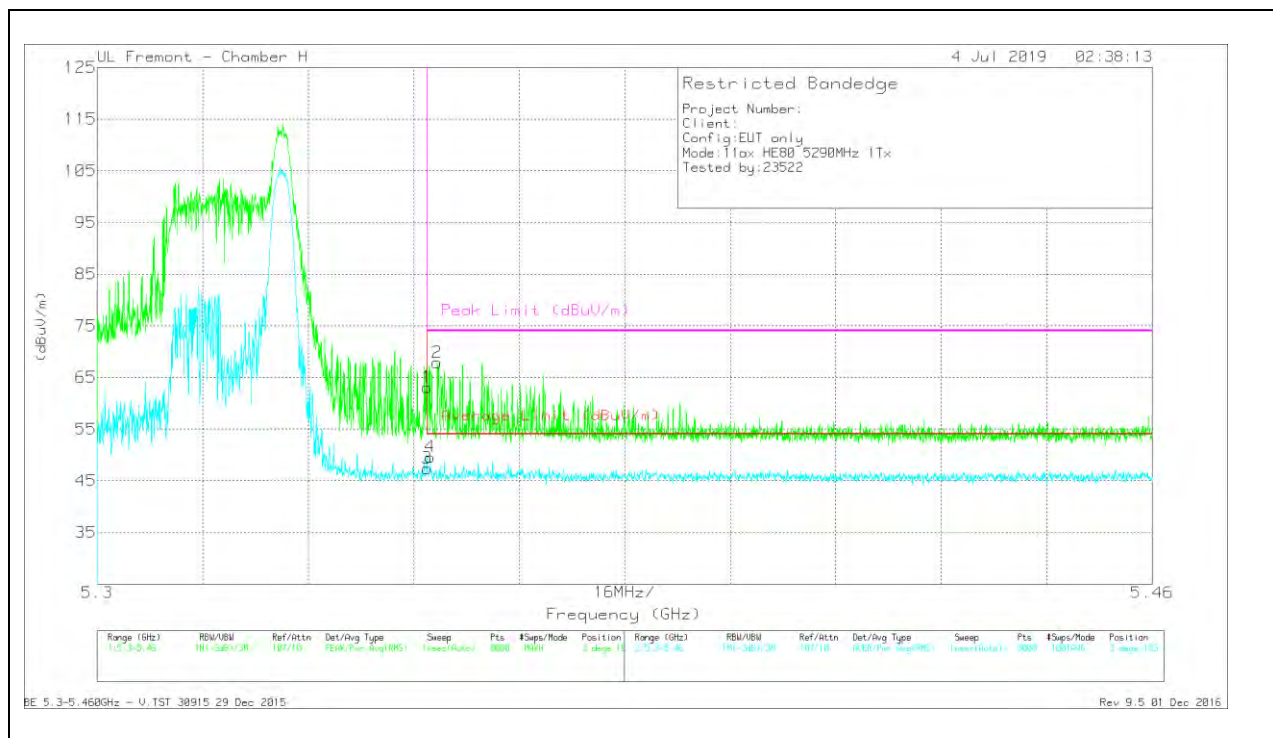
Pk - Peak detector

RMS - RMS detection

BE 5.3-5.460GHz - H.TST 30915 29 Dec 2015

Rev 9.5 01 Dec 2016

VERTICAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T863 (dB/m)	Amp/Cbl/Filtr/P ad (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	* 5.35	48.69	Pk	34.9	-20.5	0	63.09	-	-	74	-10.91	3	103	V
2	* 5.352	53.47	Pk	34.9	-20.5	0	67.87	-	-	74	-6.13	3	103	V
3	* 5.35	33.01	RMS	34.9	-20.5	0	47.41	54	-6.59	-	-	3	103	V
4	* 5.35	35.2	RMS	34.9	-20.5	0	49.6	54	-4.4	-	-	3	103	V

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

Pk - Peak detector

RMS - RMS detection

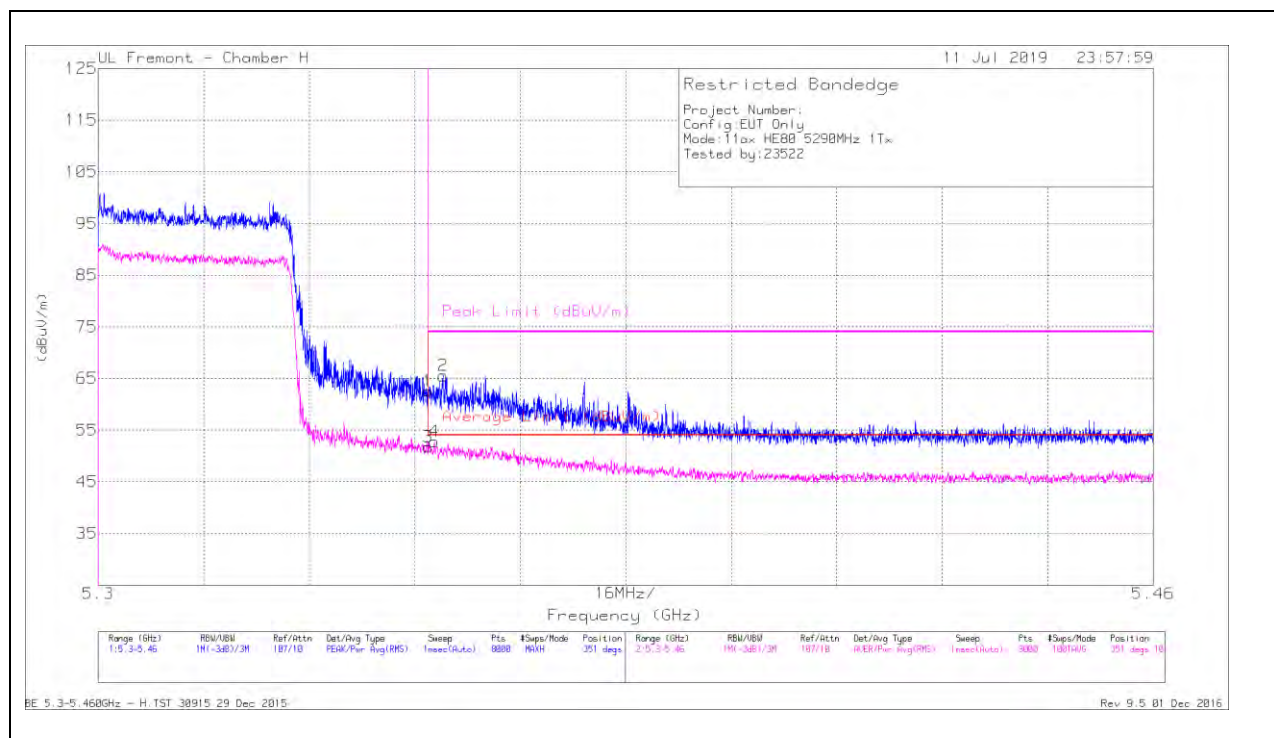
BE 5.3-5.460GHz - V.TST 30915 29 Dec 2015

Rev 9.5 01 Dec 2016

1TX Antenna 5 MODE – 996 Tones, RU Index 67

BANDEDGE (MID CHANNEL)

HORIZONTAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T863 (dB/m)	Amp/CbI/FiltriP ad (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	* 5.35	48.15	Pk	34.9	-20.5	0	62.55	-	-	74	-11.45	351	103	H
2	* 5.352	51.17	Pk	34.9	-20.5	0	65.57	-	-	74	-8.43	351	103	H
3	* 5.35	37.33	RMS	34.9	-20.5	0.12	51.85	54	-2.15	-	-	351	103	H
4	* 5.351	38.4	RMS	34.9	-20.5	0.12	52.92	54	-1.08	-	-	351	103	H

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

Pk - Peak detector

RMS - RMS detection

BE 5.3-5.460GHz - H.TST 30915 29 Dec 2015

Rev 9.5 01 Dec 2016

UL Fremont - Chamber H

12 Jul 2019 08:06:33

Restricted Bandedge

Project Number:
Config: EUT Only
Mode: T1a x HE80 5290MHz 1Tx
Tested by: 23522

(dBuV/m)

Peak Limit (dBuV/m)

Frequency (GHz)

Range (GHz) 5.3-5.46 Ref/Attn 107/10 Det/Avg Type Peak/Power Sweep Fixed (Auto) P1s 8000 #Sps/Mode 1000 Position 1st step

BE 5.3-5.460GHz - U.TST 30915 29 Dec 2015

Rev 9.5 01 Dec 2016

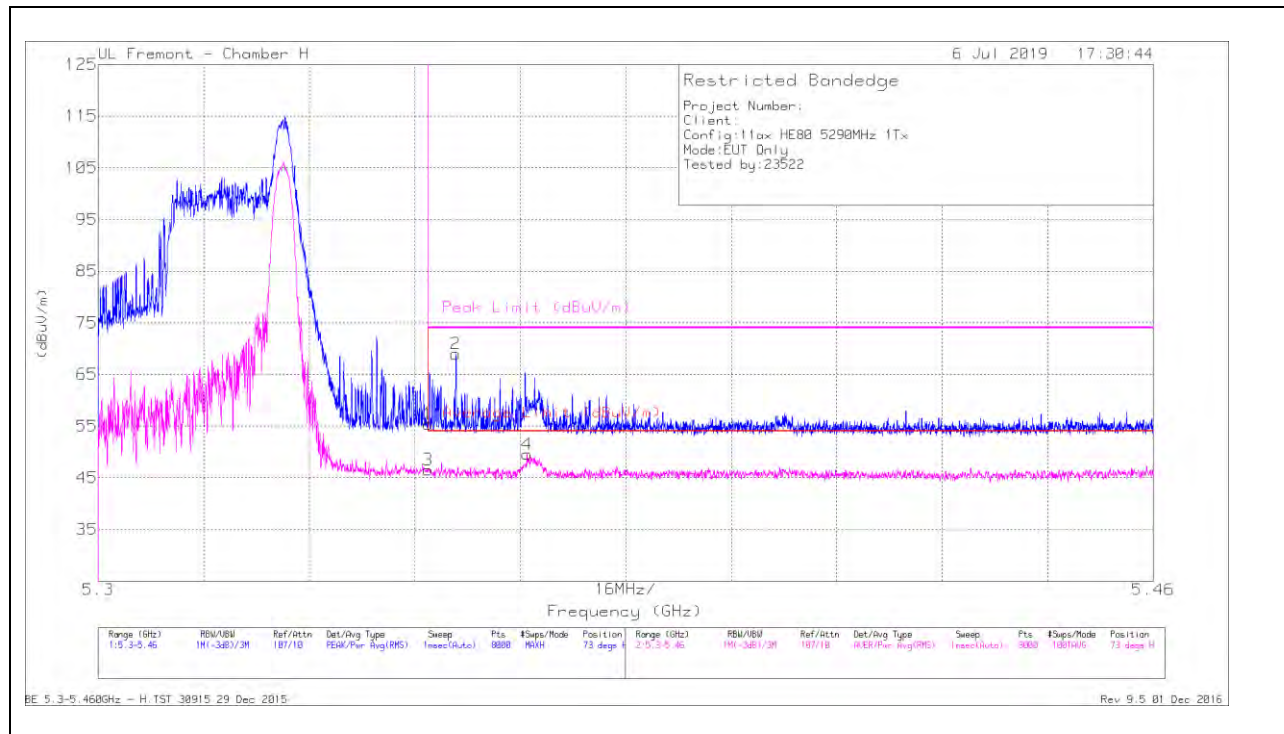
Marker	Frequency (GHz)	Meter Reading (dBUV)	Det	AF T863 (dBm)	Amp/Cbl/Filtr/P ad (dB)	DC Corr (dB)	Corrected Reading (dBUV/m)	Average Limit (dBUV/m)	Margin (dB)	Peak Limit (dBUV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 5.35	46.31	Pk	34.9	-20.5	0	60.71	-	-	74	-13.29	91	128	V
2	* 5.359	49.66	Pk	34.9	-20.5	0	64.06	-	-	74	-9.94	91	128	V
3	* 5.35	34.28	RMS	34.9	-20.5	0.12	48.80	54	-5.20	-	-	91	128	V
4	* 5.356	36.02	RMS	34.9	-20.5	0.12	50.54	54	-3.46	-	-	91	128	V

Rev 9.5 01 Dec 2016

1TX Antenna 5 MODE – 26 Tones, RU Index 36

BANDEDGE (MID CHANNEL)

HORIZONTAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T863 (dB/m)	Amp/Cbl/Filtr/P ad (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	* 5.35	41.01	Pk	34.9	-20.5	0	55.41	-	-	74	-18.59	73	250	H
2	* 5.354	54.58	Pk	34.9	-20.5	0	68.98	-	-	74	-5.02	73	250	H
3	* 5.35	32.12	RMS	34.9	-20.5	0	46.52	54	-7.48	-	-	73	250	H
4	* 5.365	35.02	RMS	35	-20.5	0	49.52	54	-4.48	-	-	73	250	H

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

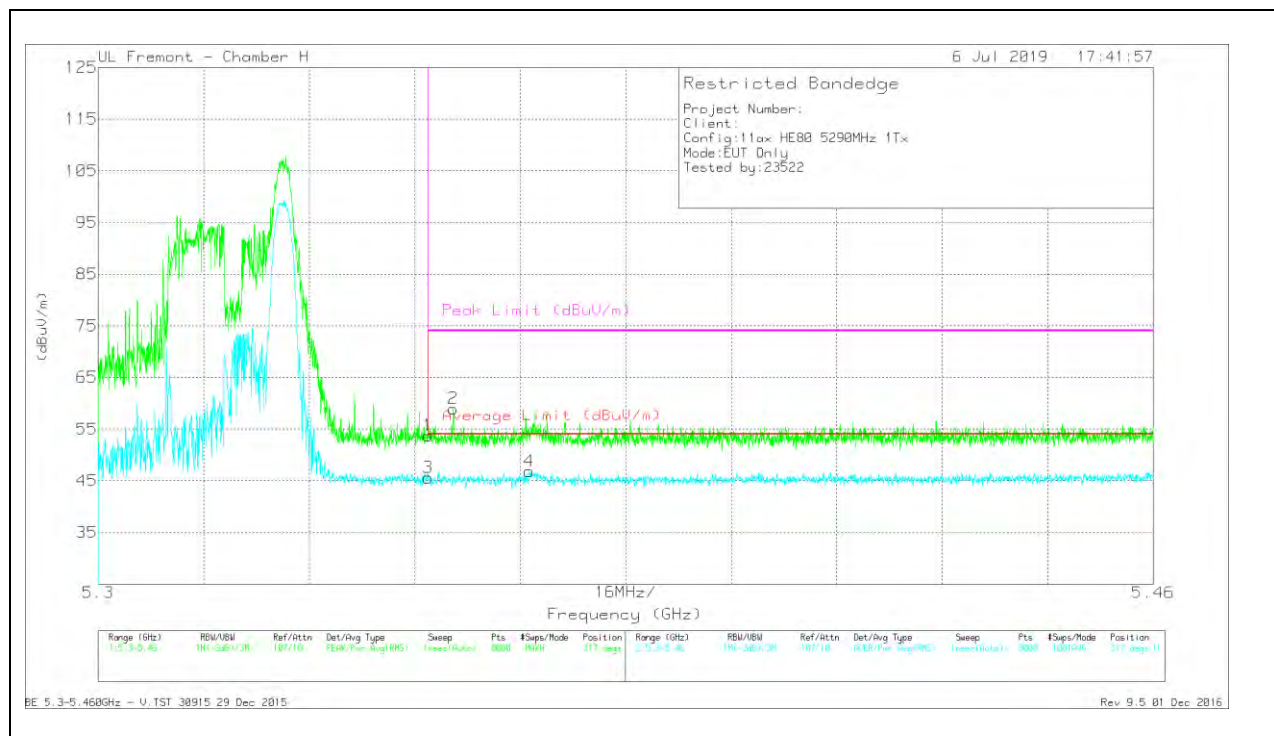
Pk - Peak detector

RMS - RMS detection

BE 5.3-5.460GHz - H.TST 30915 29 Dec 2015

Rev 9.5 01 Dec 2016

VERTICAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T863 (dB/m)	Amp/Cbl/Filtr/P ad (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	* 5.35	39.34	Pk	34.9	-20.5	0	53.74	-	-	74	-20.26	317	122	V
2	* 5.354	44.57	Pk	34.9	-20.5	0	58.97	-	-	74	-15.03	317	122	V
3	* 5.35	31.22	RMS	34.9	-20.5	0	45.62	54	-8.38	-	-	317	122	V
4	* 5.365	32.22	RMS	35	-20.4	0	46.82	54	-7.18	-	-	317	122	V

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

Pk - Peak detector

RMS - RMS detection

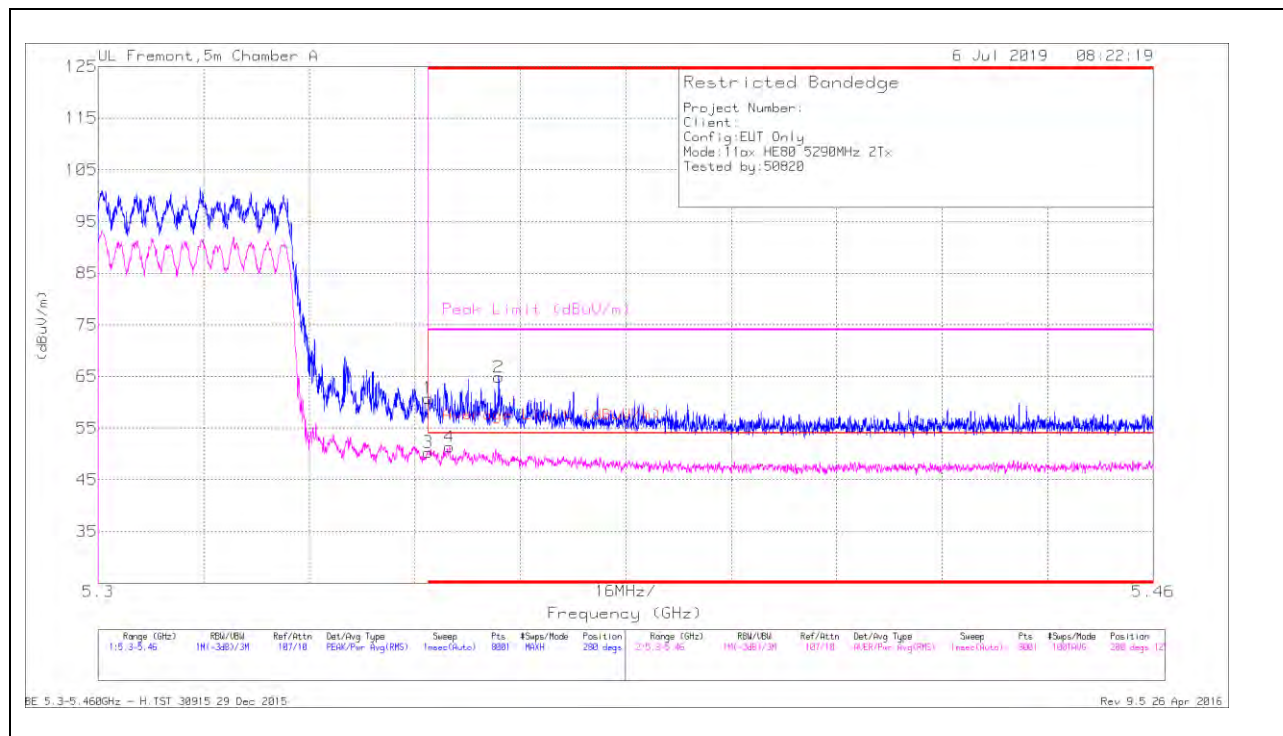
BE 5.3-5.460GHz - V.TST 30915 29 Dec 2015

Rev 9.5 01 Dec 2016

2TX Antenna 6 + Antenna 5 OFDMA MODE – 996 Tones, RU Index 67

BANDEDGE (MID CHANNEL)

HORIZONTAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T346 (dB/m)	Amp/Cb1/Filt/P ad (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	* 5.35	43.47	Pk	35	-17.7	0	60.77	-	-	74	-13.23	280	125	H
2	* 5.361	47.55	Pk	35	-17.7	0	64.85	-	-	74	-9.15	280	125	H
3	* 5.35	32.98	RMS	35	-17.7	0.1	50.38	54	-3.62	-	-	280	125	H
4	* 5.353	34.07	RMS	35	-17.7	0.1	51.47	54	-2.53	-	-	280	125	H

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

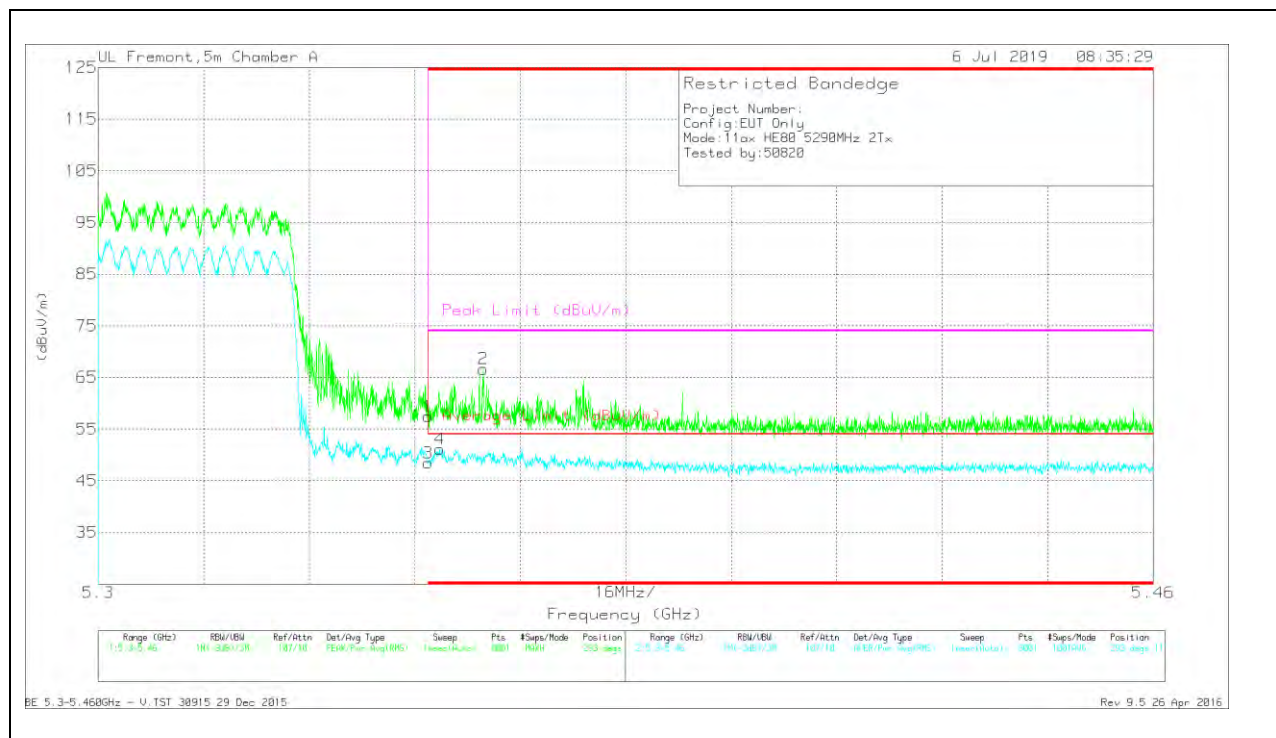
Pk - Peak detector

RMS - RMS detection

BE 5.3-5.460GHz - H.TST 30915 29 Dec 2015

Rev 9.5 26 Apr 2016

VERTICAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T346 (dB/m)	Amp/Cbl/Filtr/P ad (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	* 5.35	40.14	Pk	35	-17.7	0	57.44	-	-	74	-16.56	293	117	V
2	* 5.358	49.36	Pk	35	-17.7	0	66.66	-	-	74	-7.34	293	117	V
3	* 5.35	31.14	RMS	35	-17.7	0.1	48.54	54	-5.46	-	-	293	117	V
4	* 5.352	33.8	RMS	35	-17.7	0.1	51.2	54	-2.8	-	-	293	117	V

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

Pk - Peak detector

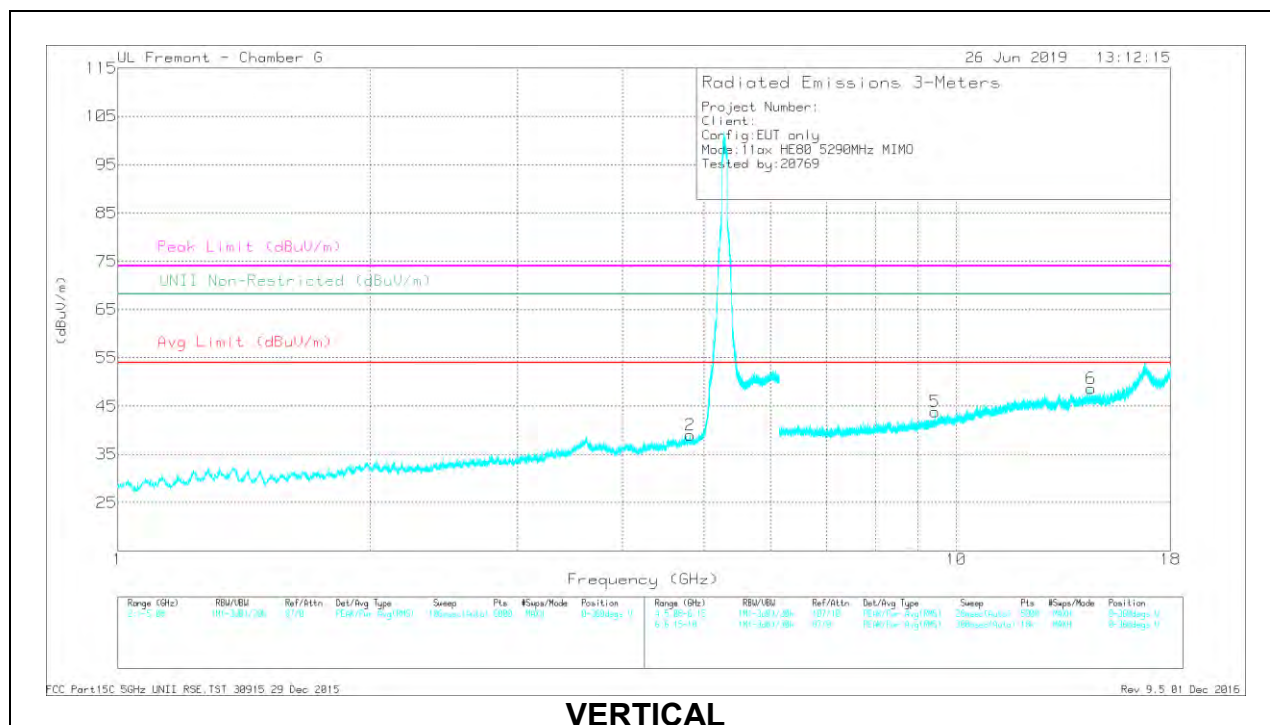
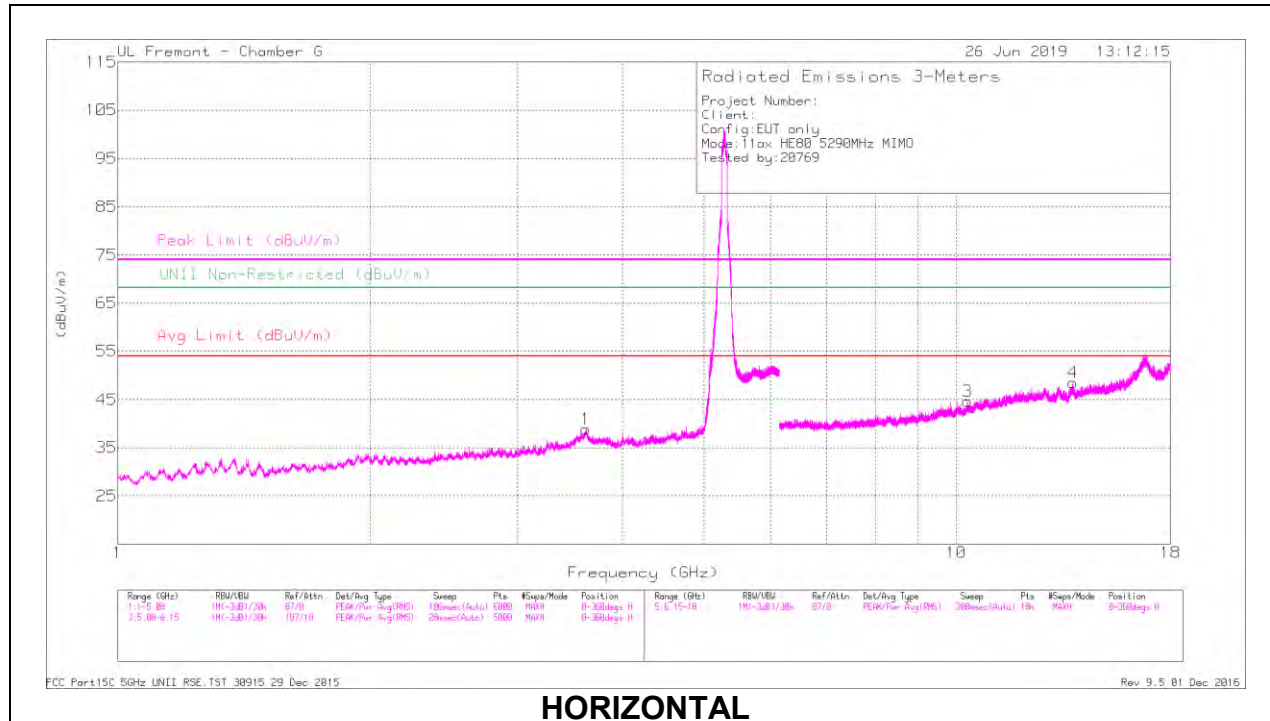
RMS - RMS detection

BE 5.3-5.460GHz - V.TST 30915 29 Dec 2015

Rev 9.5 26 Apr 2016

HARMONICS AND SPURIOUS EMISSIONS

MID CHANNEL RESULTS



RADIATED EMISSIONS

Marker	Frequenc y (GHz)	Meter Reading (dBuV)	Det	AF T120 (dB/m)	Amp/Cb/Filter/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	* 3.62	39.85	PK-U	35.7	-30.3	0	45.25	-	-	74	-28.75	-	-	0	302	H
	* 3.619	28.5	ADR	35.7	-30.3	0.1	34.0	54	-20.0	-	-	-	-	0	302	H
2	* 4.811	39.7	PK-U	34.2	-29.4	0	44.5	-	-	74	-29.5	-	-	350	323	V
	* 4.812	28.15	ADR	34.2	-29.4	0.1	33.05	54	-20.95	-	-	-	-	350	323	V
5	* 9.433	38.97	PK-U	37.1	-25.7	0	50.37	-	-	74	-23.63	-	-	182	198	V
	* 9.433	26.31	ADR	37.1	-25.7	0.1	37.81	54	-16.19	-	-	-	-	182	198	V
3	10.305	37.15	PK-U	37.7	-24.1	0	50.75	-	-	-	-	68.2	-17.45	142	168	H
4	13.772	37.92	PK-U	39.5	-22.5	0	54.92	-	-	-	-	68.2	-13.28	27	114	H
6	14.468	36.94	PK-U	40.2	-23.1	0	54.04	-	-	-	-	68.2	-14.16	189	202	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

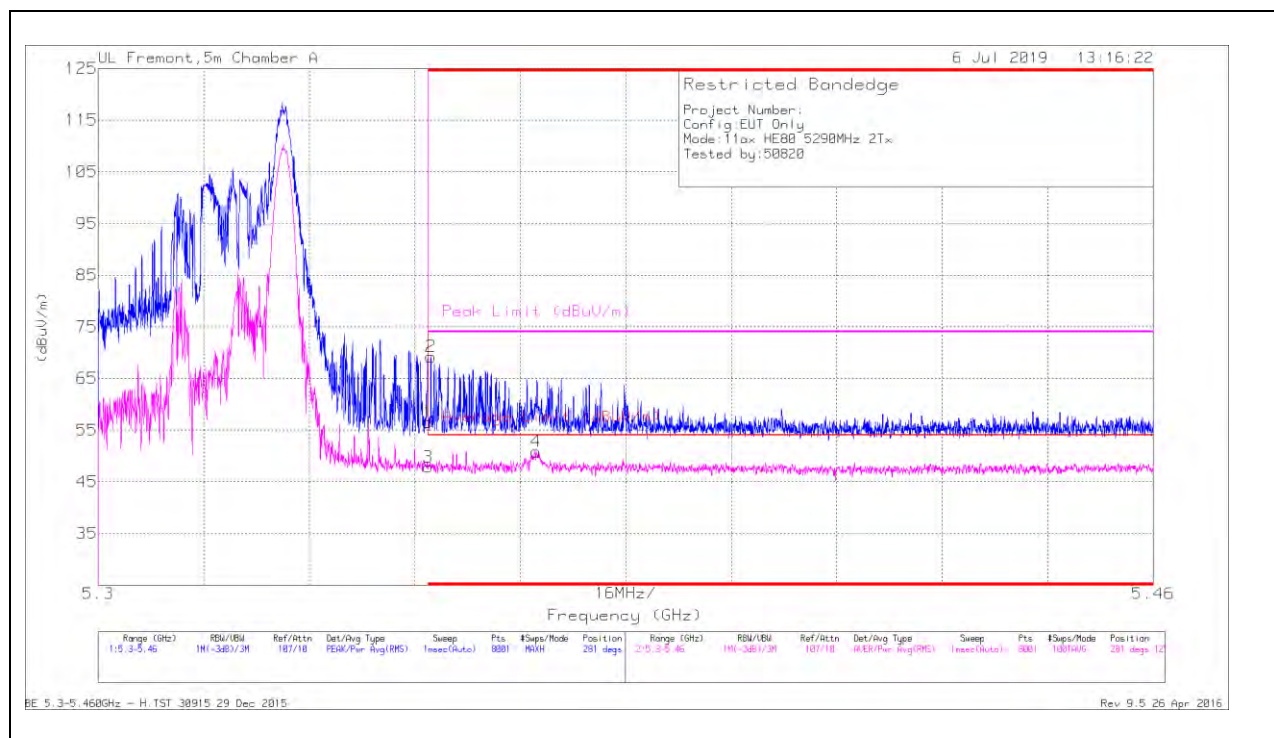
FCC Part15C 5GHz UNII RSE.TST 30915 29 Dec 2015

Rev 9.5 01 Dec 2016

2TX Antenna 6 + Antenna 5 OFDMA MODE – 26 Tones, RU Index 36

BANDEDGE (MID CHANNEL)

HORIZONTAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T346 (dB/m)	Amp/Cb1/Filt/P ad (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	* 5.35	39.26	Pk	35	-17.7	0	56.56	-	-	74	-17.44	281	125	H
2	* 5.35	51.92	Pk	35	-17.7	0	69.22	-	-	74	-4.78	281	125	H
3	* 5.35	30.54	RMS	35	-17.7	0	47.84	54	-6.16	-	-	281	125	H
4	* 5.366	33.55	RMS	35	-17.7	0	50.85	54	-3.15	-	-	281	125	H

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

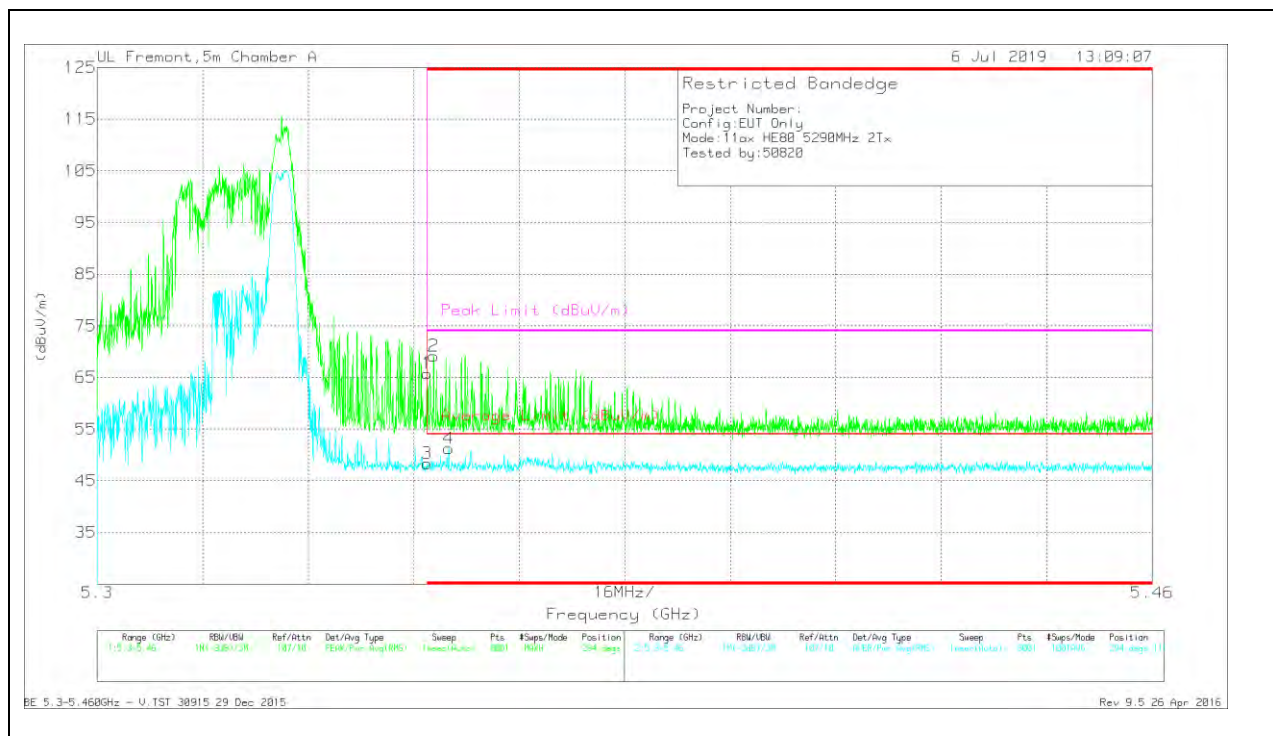
Pk - Peak detector

RMS - RMS detection

BE 5.3-5.460GHz - H.TST 30915 29 Dec 2015

Rev 9.5 26 Apr 2016

VERTICAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T346 (dB/m)	Amp/Cb1/Filt/P ad (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	* 5.35	48.47	Pk	35	-17.7	0	65.77	-	-	74	-8.23	294	118	V
2	* 5.351	51.85	Pk	35	-17.7	0	69.15	-	-	74	-4.85	294	118	V
3	* 5.35	31.06	RMS	35	-17.7	0	48.36	54	-5.64	-	-	294	118	V
4	* 5.353	33.93	RMS	35	-17.7	0	51.23	54	-2.77	-	-	294	118	V

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

Pk - Peak detector

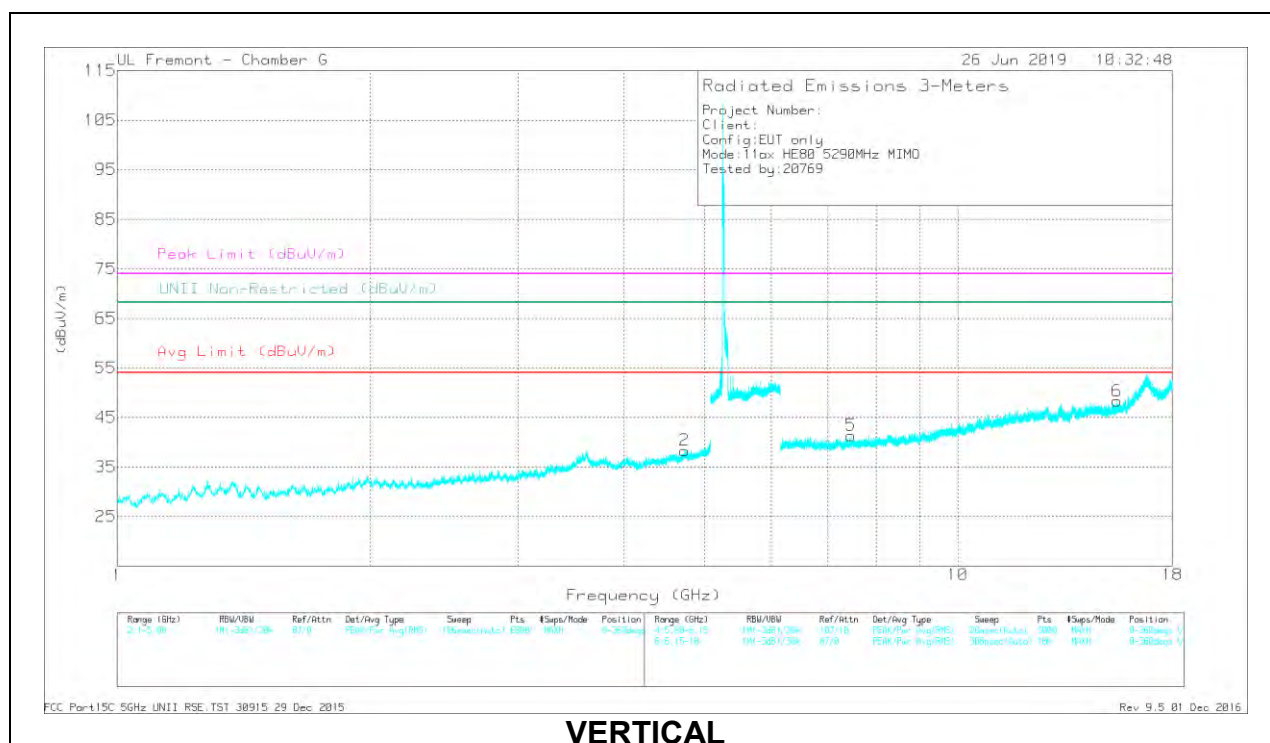
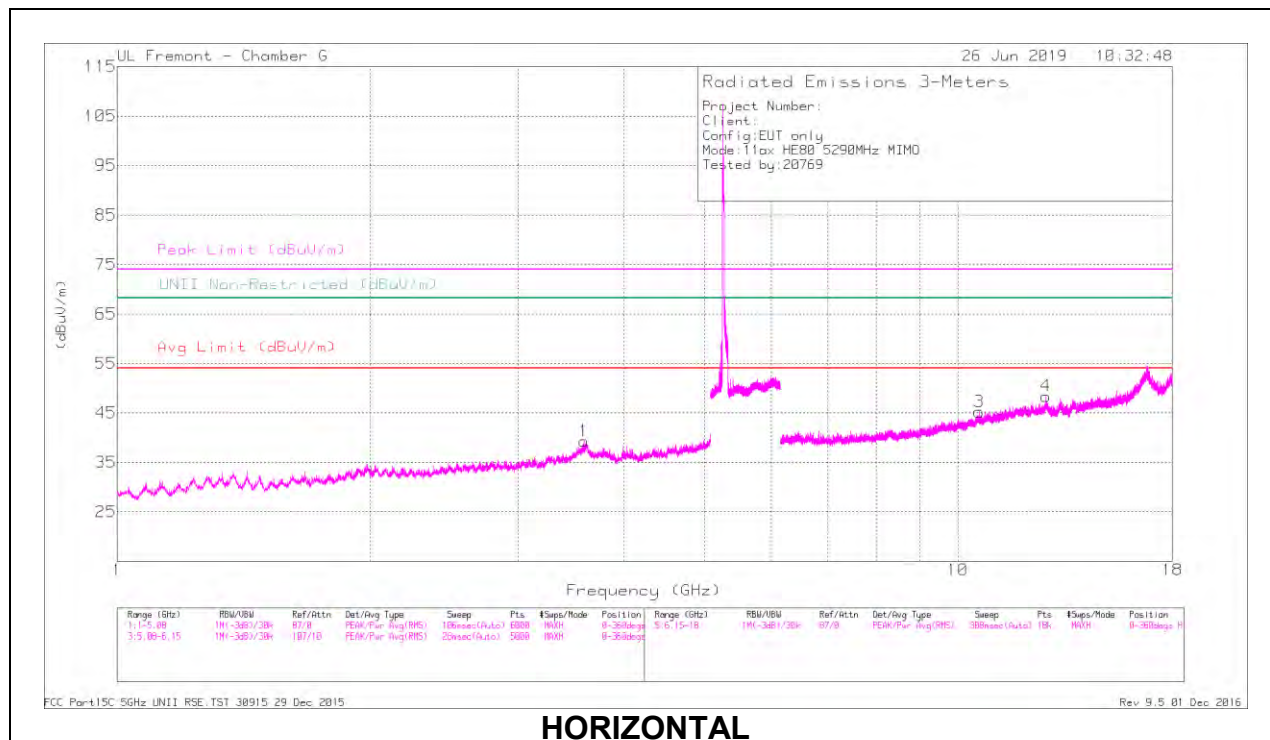
RMS - RMS detection

BE 5.3-5.460GHz - V.TST 30915 29 Dec 2015

Rev 9.5 26 Apr 2016

HARMONICS AND SPURIOUS EMISSIONS

MID CHANNEL RESULTS



RADIATED EMISSIONS

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T120 (dBm)	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)	Polarity
1	* 3.595	40.15	PK-U	35.1	-30	0	45.25	-	-	74	-28.75	-	-	144	145	H
	* 3.594	27.87	ADR	35.1	-30	0	32.97	54	-21.03	-	-	-	-	144	145	H
2	* 4.732	40.78	PK-U	34.2	-29.1	0	45.88	-	-	74	-28.12	-	-	65	174	V
	* 4.732	29.05	ADR	34.2	-29.1	0	34.15	54	-19.85	-	-	-	-	65	174	V
3	* 10.601	37.59	PK-U	38.2	-23.6	0	52.19	-	-	74	-21.81	-	-	294	137	H
	* 10.602	25.23	ADR	38.2	-23.6	0	39.83	54	-14.17	-	-	-	-	294	137	H
5	* 7.461	39.33	PK-U	36	-27.5	0	47.83	-	-	74	-26.17	-	-	234	156	V
	* 7.463	27.38	ADR	35.9	-27.5	0	35.78	54	-18.22	-	-	-	-	234	156	V
6	* 15.469	36.36	PK-U	40.8	-22.9	0	54.26	-	-	74	-19.74	-	-	50	171	V
	* 15.469	25.1	ADR	40.8	-23	0	42.9	54	-11.1	-	-	-	-	50	171	V
4	12.734	35.77	PK-U	39.6	-21.3	0	54.07	-	-	-	-	68.2	-14.13	132	105	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

FCC Part15C 5GHz UNII RSE.TST 30915 29 Dec 2015

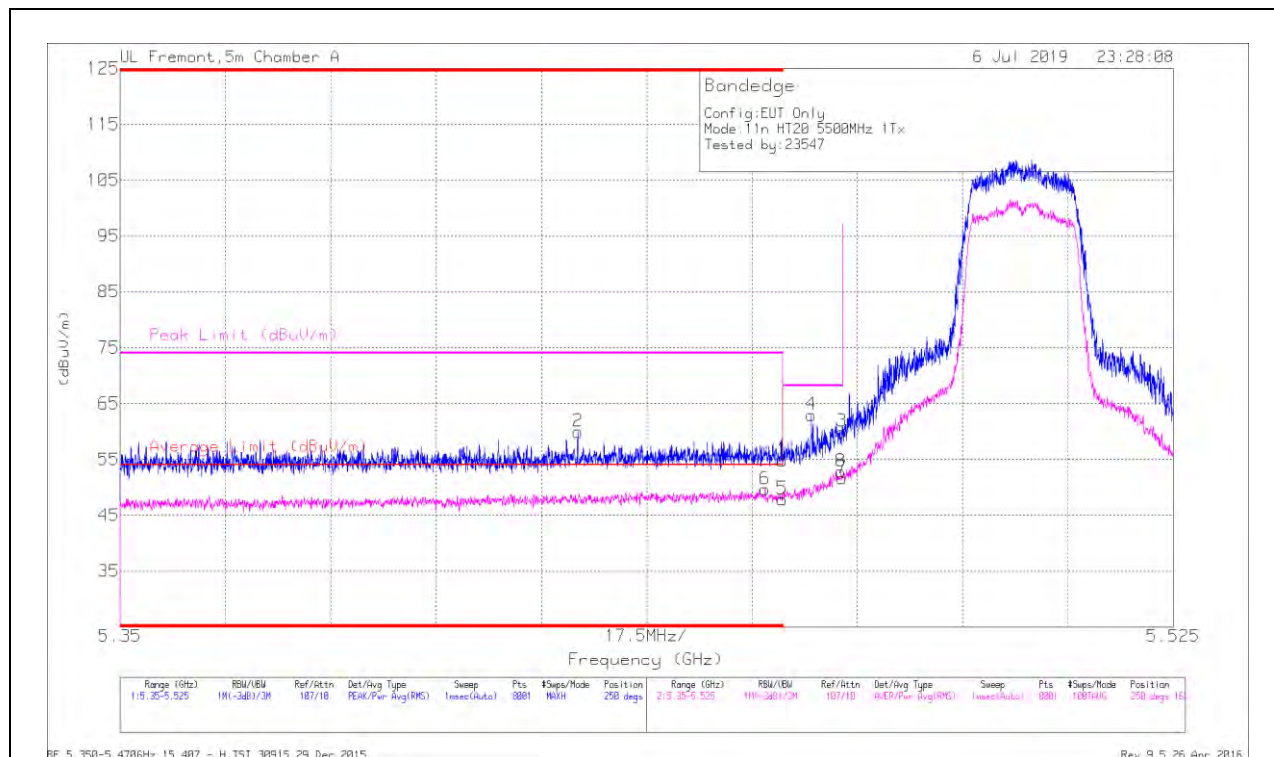
Rev 9.5 01 Dec 2016

1.1.13. TX ABOVE 1 GHz 802.11n HT20 MODE IN THE 5.6 GHz BAND

1TX Antenna 6 MODE

BANDEDGE (LOW CHANNEL)

HORIZONTAL RESULT



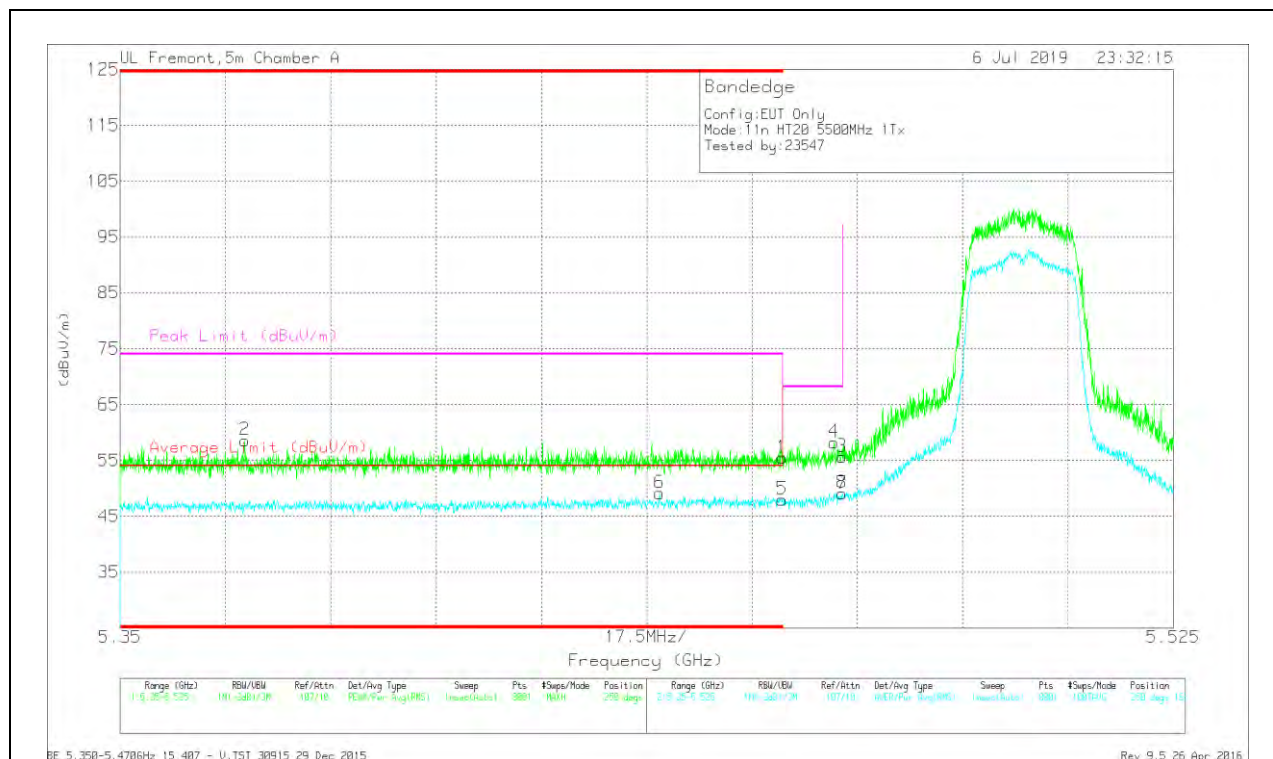
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T346 (dB/m)	Amp/Cbl/Filtr/P ad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 5.46	37.45	Pk	34.9	-17.5	0	54.85	-	-	74	-19.15	250	168	H
2	* 5.426	42.67	Pk	34.9	-17.6	0	59.97	-	-	74	-14.03	250	168	H
5	* 5.46	30.47	RMS	34.9	-17.5	0	47.87	54	-6.13	-	-	250	168	H
6	* 5.457	32.15	RMS	35	-17.5	0	49.65	54	-4.35	-	-	250	168	H
4	5.465	45.67	Pk	34.8	-17.5	0	62.97	-	-	68.2	-5.23	250	168	H
3	5.47	42.54	Pk	34.9	-17.5	0	59.94	-	-	68.2	-8.26	250	168	H
7	5.47	34.21	RMS	34.9	-17.5	0	51.61	-	-	-	-	250	168	H
8	5.47	35.41	RMS	34.9	-17.5	0	52.81	-	-	-	-	250	168	H

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

Pk - Peak detector

RMS - RMS detection

VERTICAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T346 (dB/m)	Amp/Cbl/FiltriP ad (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	* 5.46	38.08	Pk	34.9	-17.5	0	55.48	-	-	74	-18.52	250	168	V
2	* 5.371	41.41	Pk	34.9	-17.7	0	58.61	-	-	74	-15.39	250	168	V
5	* 5.46	30.61	RMS	34.9	-17.5	0	48.01	54	-5.99	-	-	250	168	V
6	* 5.44	31.73	RMS	34.9	-17.5	0	49.13	54	-4.87	-	-	250	168	V
4	5.469	40.83	Pk	34.9	-17.5	0	58.23	-	-	68.2	-9.97	250	168	V
3	5.47	38.25	Pk	34.9	-17.5	0	55.65	-	-	68.2	-12.55	250	168	V
7	5.47	31.63	RMS	34.9	-17.5		49.03	-	-	-	-	250	168	V
8	5.47	31.71	RMS	34.9	-17.5		49.11	-	-	-	-	250	168	V

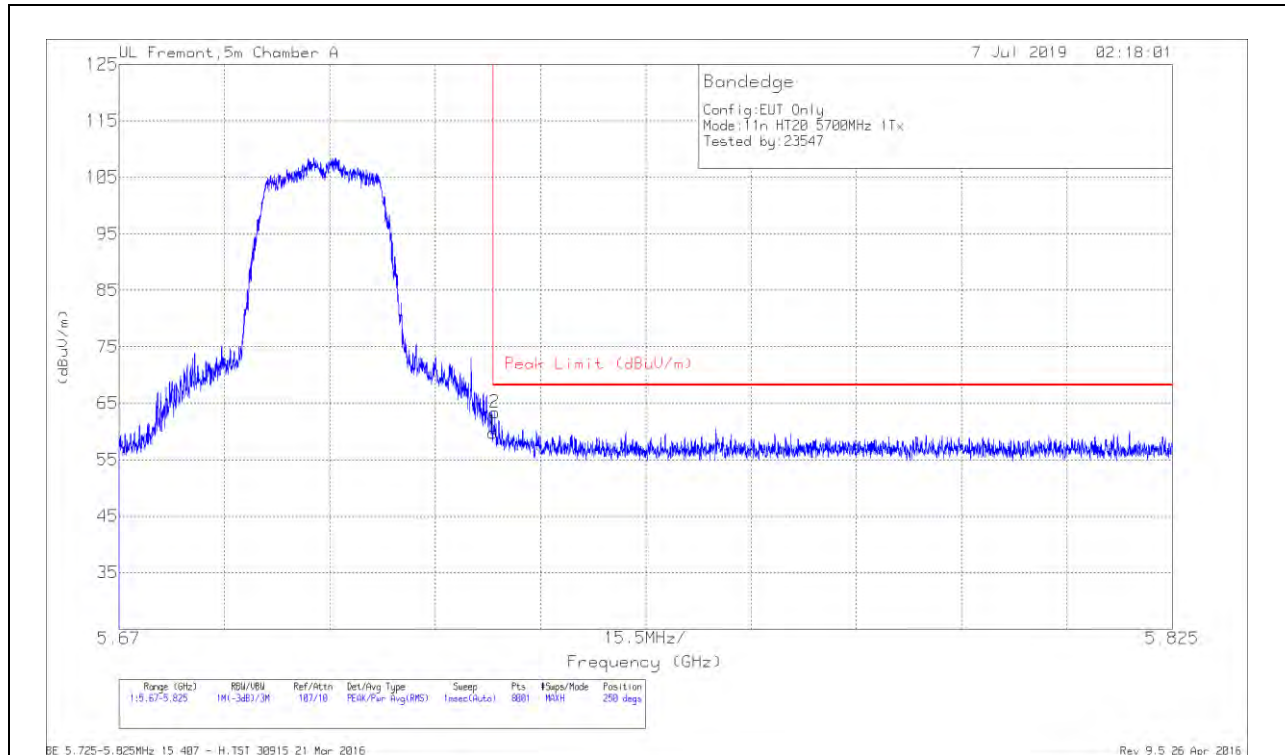
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

Pk - Peak detector

RMS - RMS detection

BANDEDGE (HIGH CHANNEL)

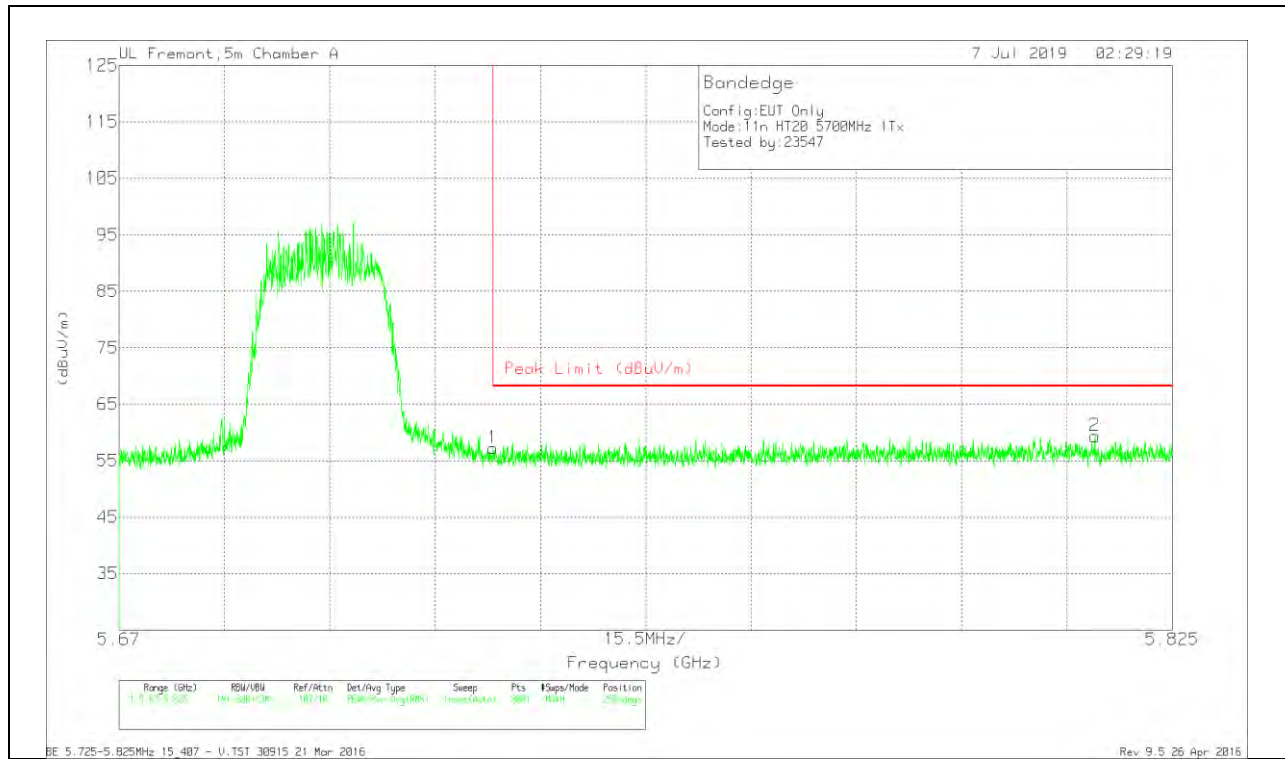
HORIZONTAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T346 (dB/m)	Amp/Cbl/Filtr/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.725	42.07	Pk	34.9	-17.2	0	59.77	68.2	-8.43	250	255	H
2	5.725	45.64	Pk	34.9	-17.2	0	63.34	68.2	-4.86	250	255	H

Pk - Peak detector

VERTICAL RESULT



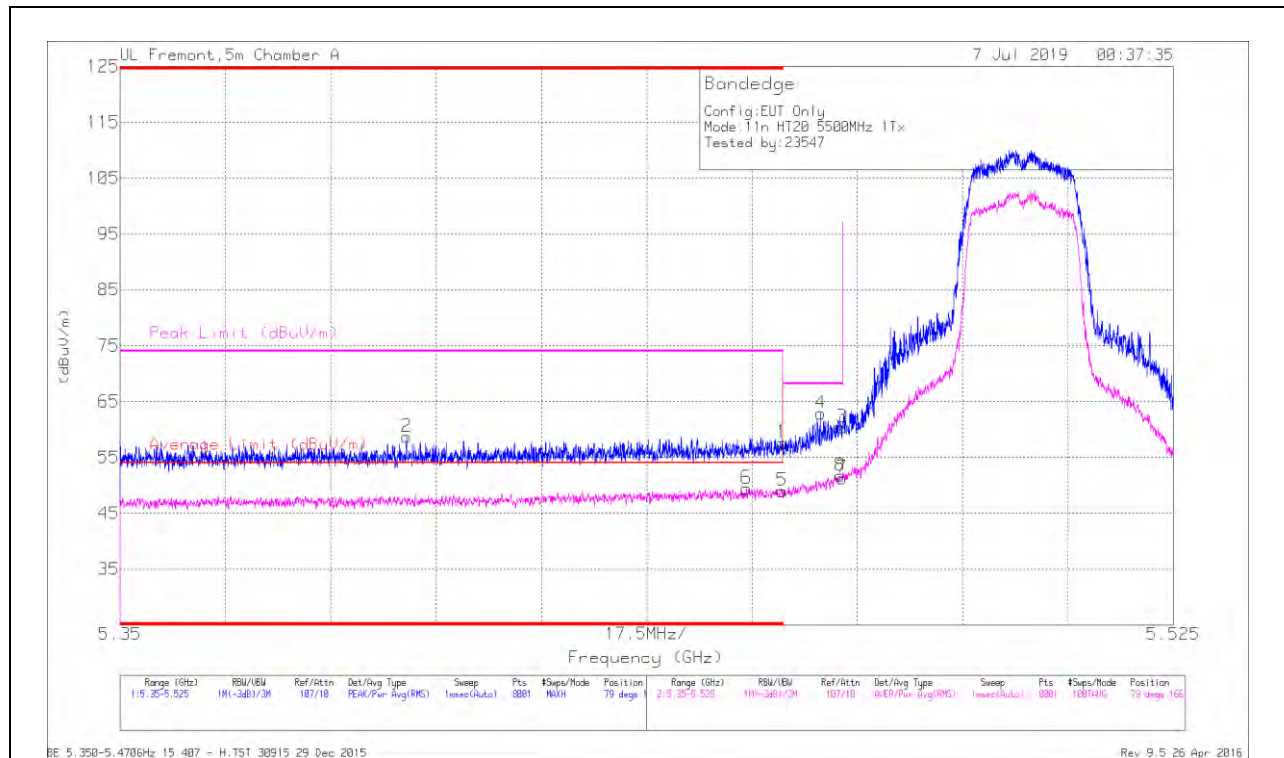
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T346 (dB/m)	Amp/Cbl/Fitr/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.725	39.52	Pk	34.9	-17.2	0	57.22	68.2	-10.98	250	255	V
2	5.814	41.04	Pk	35.1	-16.8	0	59.34	68.2	-8.86	250	255	V

Pk - Peak detector

1TX Antenna 5 MODE

BANDEDGE (LOW CHANNEL)

HORIZONTAL RESULT



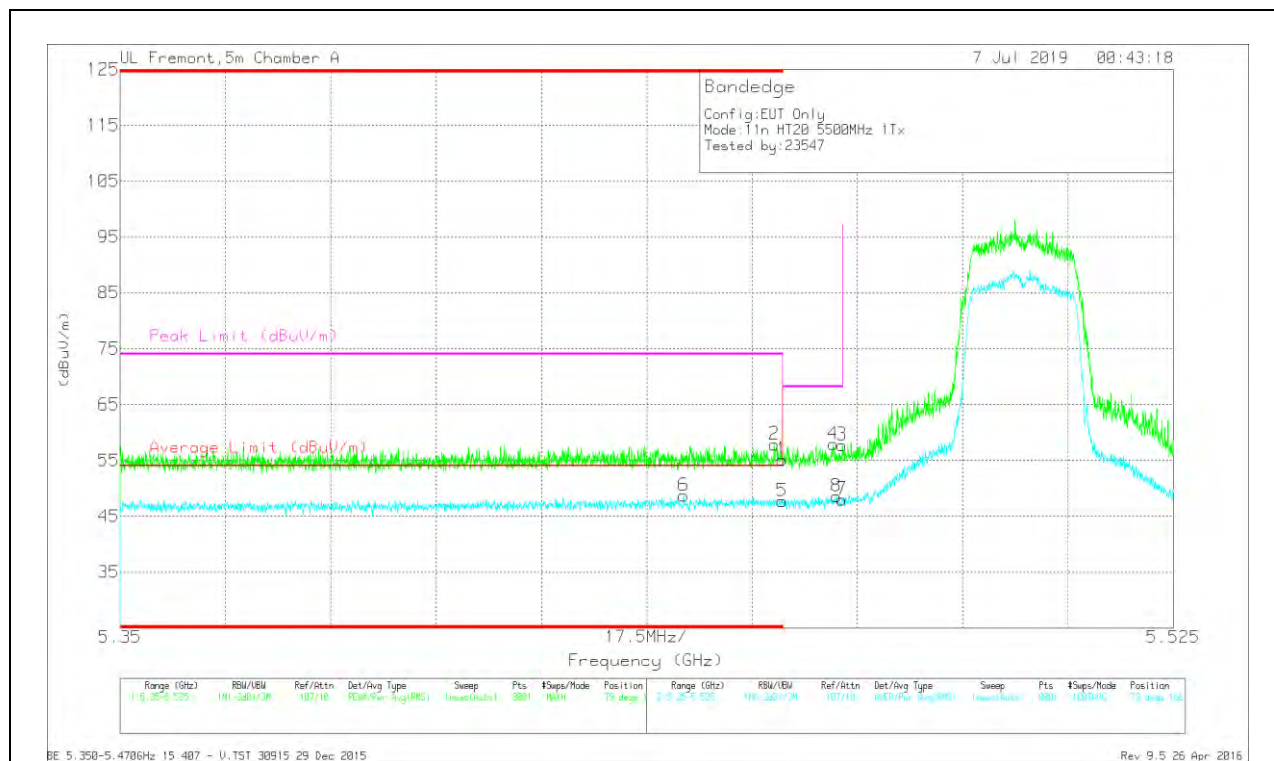
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T346 (dB/m)	Amp/Cbl/Filtr/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 5.46	40.2	Pk	34.9	-17.5	0	57.6	-	-	74	-16.4	79	166	H
2	* 5.398	41.39	Pk	34.9	-17.6	0	58.69	-	-	74	-15.31	79	166	H
5	* 5.46	31.6	RMS	34.9	-17.5	0	49	54	-5	-	-	79	166	H
6	* 5.454	32.04	RMS	34.9	-17.5	0	49.44	54	-4.56	-	-	79	166	H
4	5.466	45.6	Pk	34.8	-17.5	0	62.9	-	-	68.2	-5.3	79	166	H
3	5.47	43.02	Pk	34.9	-17.5	0	60.42	-	-	68.2	-7.78	79	166	H
7	5.47	33.9	RMS	34.9	-17.5	0	51.3	-	-	-	-	79	166	H
8	5.47	34.32	RMS	34.9	-17.5	0	51.72	-	-	-	-	79	166	H

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

Pk - Peak detector

RMS - RMS detection

VERTICAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T346 (dB/m)	Amp/Cbl/Filtr/P ad (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	* 5.46	37.75	Pk	34.9	-17.5	0	55.15	-	-	74	-18.85	79	166	V
2	* 5.459	40.43	Pk	34.9	-17.5	0	57.83	-	-	74	-16.17	79	166	V
5	* 5.46	30.32	RMS	34.9	-17.5	0	47.72	54	-6.28	-	-	79	166	V
6	* 5.444	31.29	RMS	34.9	-17.5	0	48.69	54	-5.31	-	-	79	166	V
4	5.468	40.53	Pk	34.9	-17.5	0	57.93	-	-	68.2	-10.27	79	166	V
8	5.469	31.15	RMS	34.9	-17.5	0	48.55	-	-	-	-	79	166	V
3	5.47	40.33	Pk	34.9	-17.5	0	57.73	-	-	68.2	-10.47	79	166	V
7	5.47	30.61	RMS	34.9	-17.5	0	48.01	-	-	-	-	79	166	V

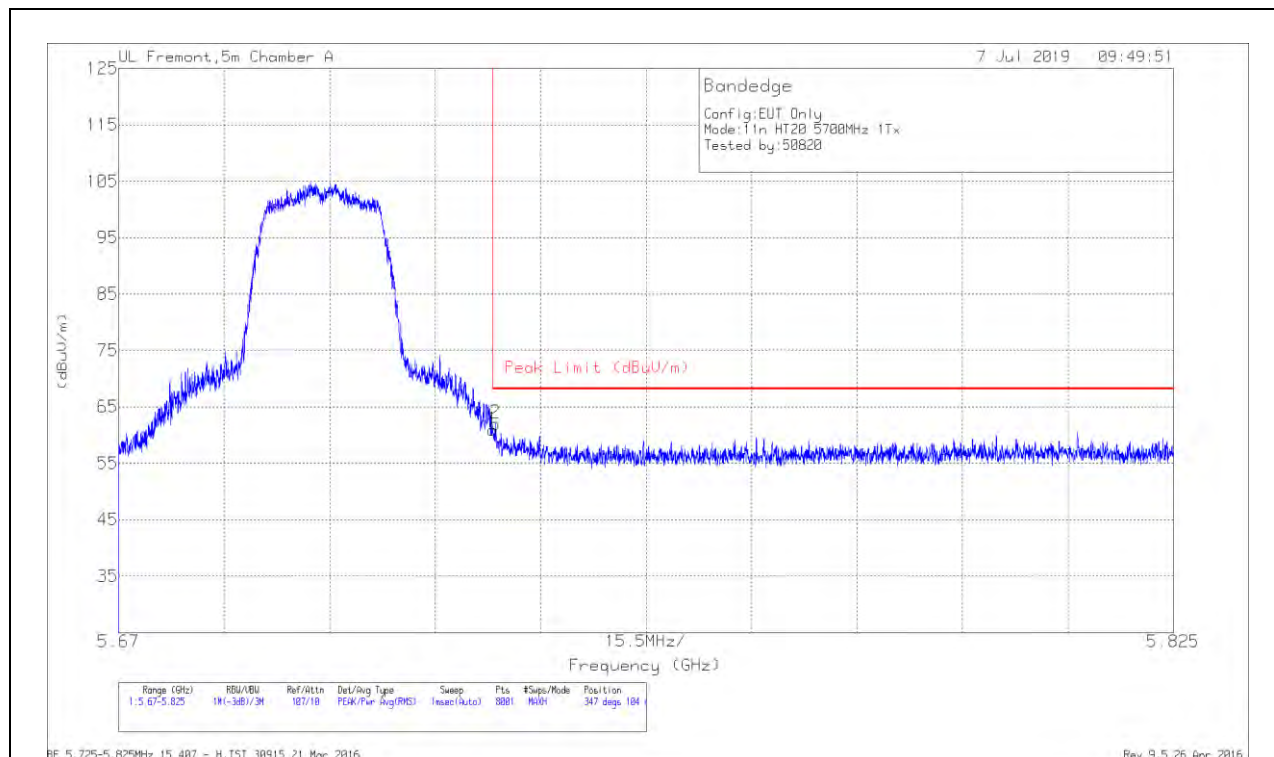
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

Pk - Peak detector

RMS - RMS detection

BANDEGE (HIGH CHANNEL)

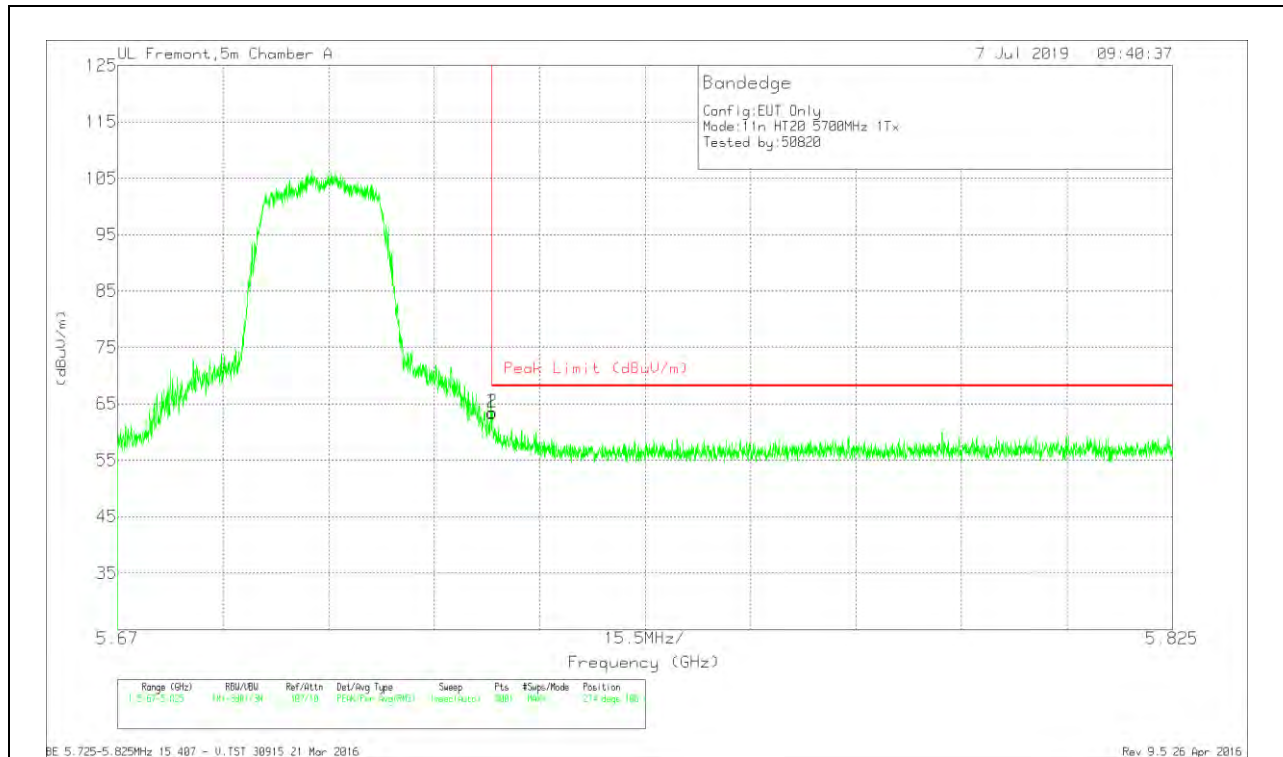
HORIZONTAL RESULT



Marker	Frequenc y (GHz)	Meter Reading (dBuV)	Det	AF T346 (dB/m)	Amp/Cbl/Filtr/Pad (dB)	DC Corr (dB)	Correcte d Reading (dBuV/m)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.725	43.21	Pk	34.9	-17.2	0	60.91	68.2	-7.29	347	104	H
2	5.725	44.39	Pk	34.9	-17.2	0	62.09	68.2	-6.11	347	104	H

Pk - Peak detector

VERTICAL RESULT



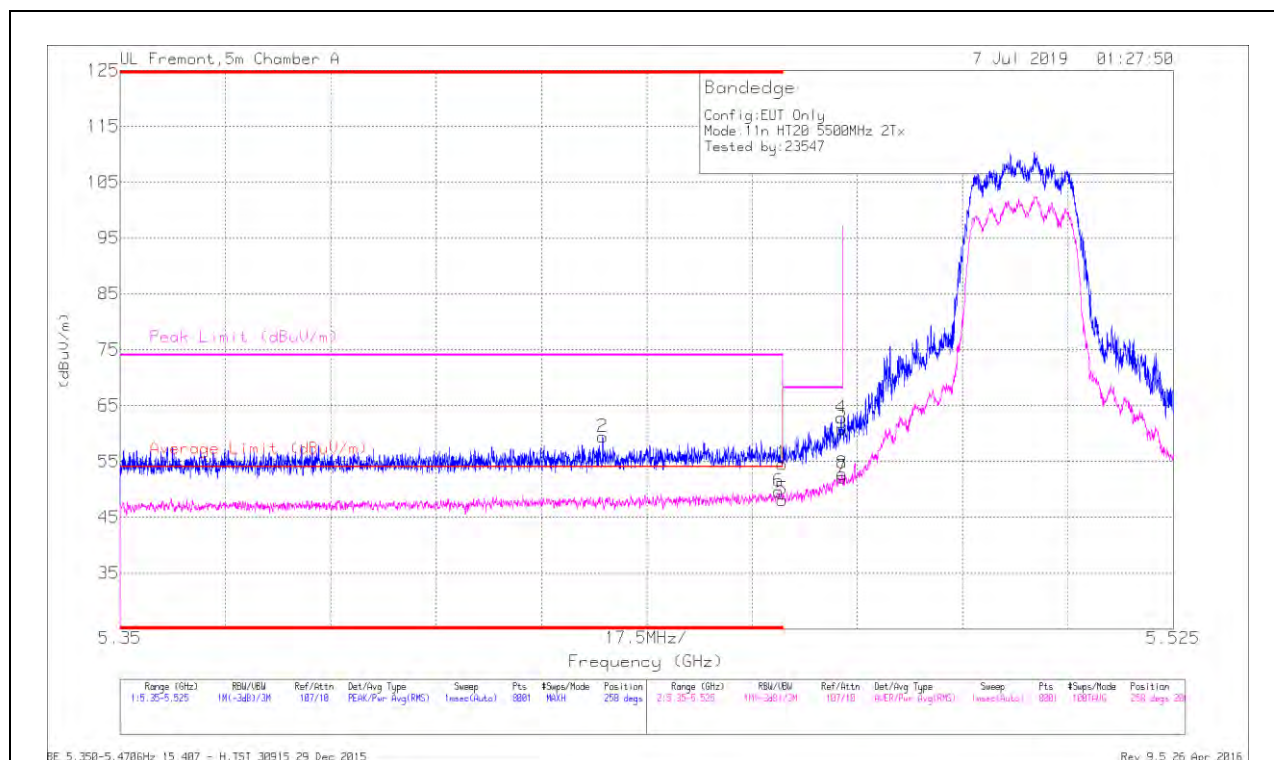
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1	5.725	45.72	Pk	34.9	-17.2	0	63.42	68.2	-4.78	274	108	V
2	5.725	45.76	Pk	34.9	-17.2	0	63.46	68.2	-4.74	274	108	V

Pk - Peak detector

2TX Antenna 6 + Antenna 5 CDD MODE

BANDEDGE (LOW CHANNEL)

HORIZONTAL RESULT



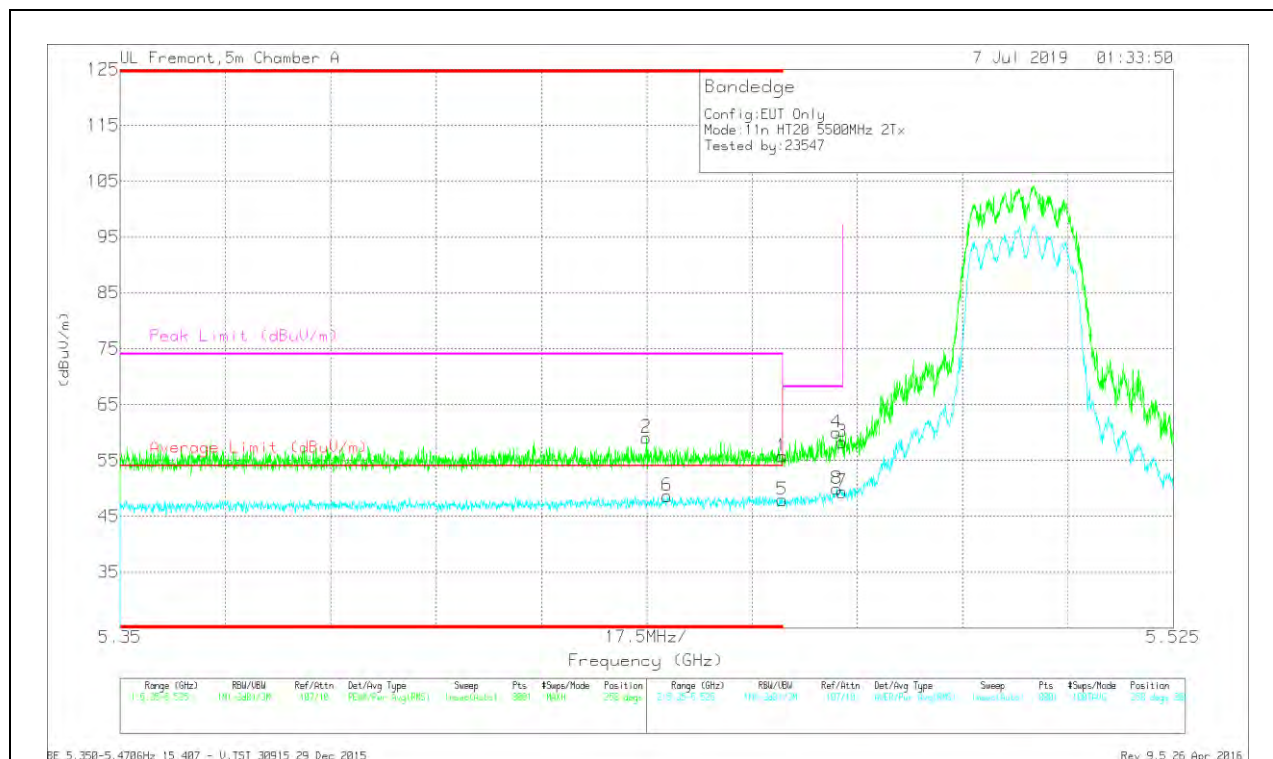
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T346 (dB/m)	Amp/Cbl/Filtr/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 5.46	37.19	Pk	34.9	-17.5	0	54.59	-	-	74	-19.41	258	206	H
2	* 5.43	42.08	Pk	34.9	-17.6	0	59.38	-	-	74	-14.62	258	206	H
5	* 5.46	30.71	RMS	34.9	-17.5	0	48.11	54	-5.89	-	-	258	206	H
6	* 5.459	32.23	RMS	34.9	-17.5	0	49.63	54	-4.37	-	-	258	206	H
3	5.47	43.48	Pk	34.9	-17.5	0	60.88	-	-	68.2	-7.32	258	206	H
4	5.47	45.41	Pk	34.9	-17.5	0	62.81	-	-	68.2	-5.39	258	206	H
7	5.47	34.78	RMS	34.9	-17.5	0	52.18	-	-	-	-	258	206	H
8	5.47	35.38	RMS	34.9	-17.5	0	52.78	-	-	-	-	258	206	H

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

Pk - Peak detector

RMS - RMS detection

VERTICAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T346 (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	* 5.46	38.35	Pk	34.9	-17.5	0	55.75	-	-	74	-18.25	258	206	V
2	* 5.437	41.65	Pk	34.9	-17.5	0	59.05	-	-	74	-14.95	258	206	V
5	* 5.46	30.53	RMS	34.9	-17.5	0	47.93	54	-6.07	-	-	258	206	V
6	* 5.441	31.24	RMS	34.9	-17.5	0	48.64	54	-5.36	-	-	258	206	V
4	5.469	42.59	Pk	34.9	-17.5	0	59.99	-	-	68.2	-8.21	258	206	V
8	5.469	32.49	RMS	34.9	-17.5	0	49.89	-	-	-	-	258	206	V
3	5.47	40.87	Pk	34.9	-17.5	0	58.27	-	-	68.2	-9.93	258	206	V
7	5.47	31.98	RMS	34.9	-17.5	0	49.38	-	-	-	-	258	206	V

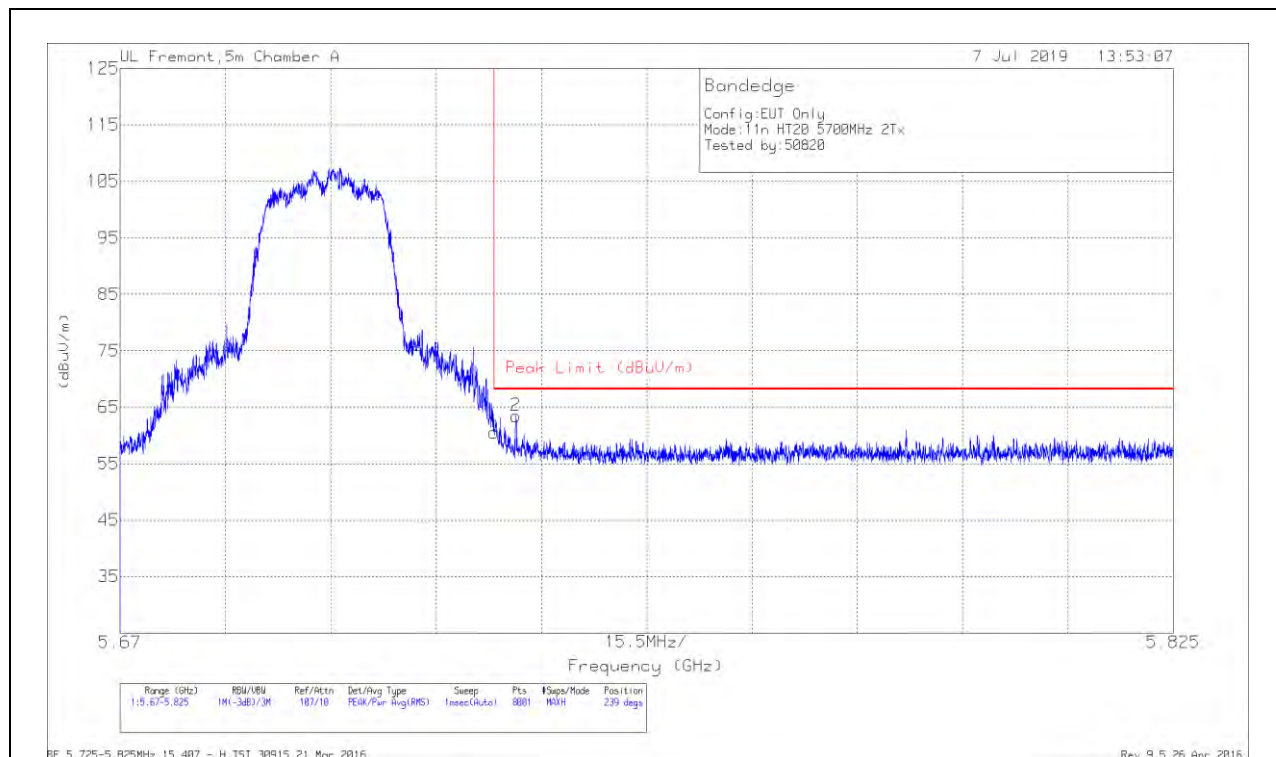
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

Pk - Peak detector

RMS - RMS detection

BANDEDGE (HIGH CHANNEL)

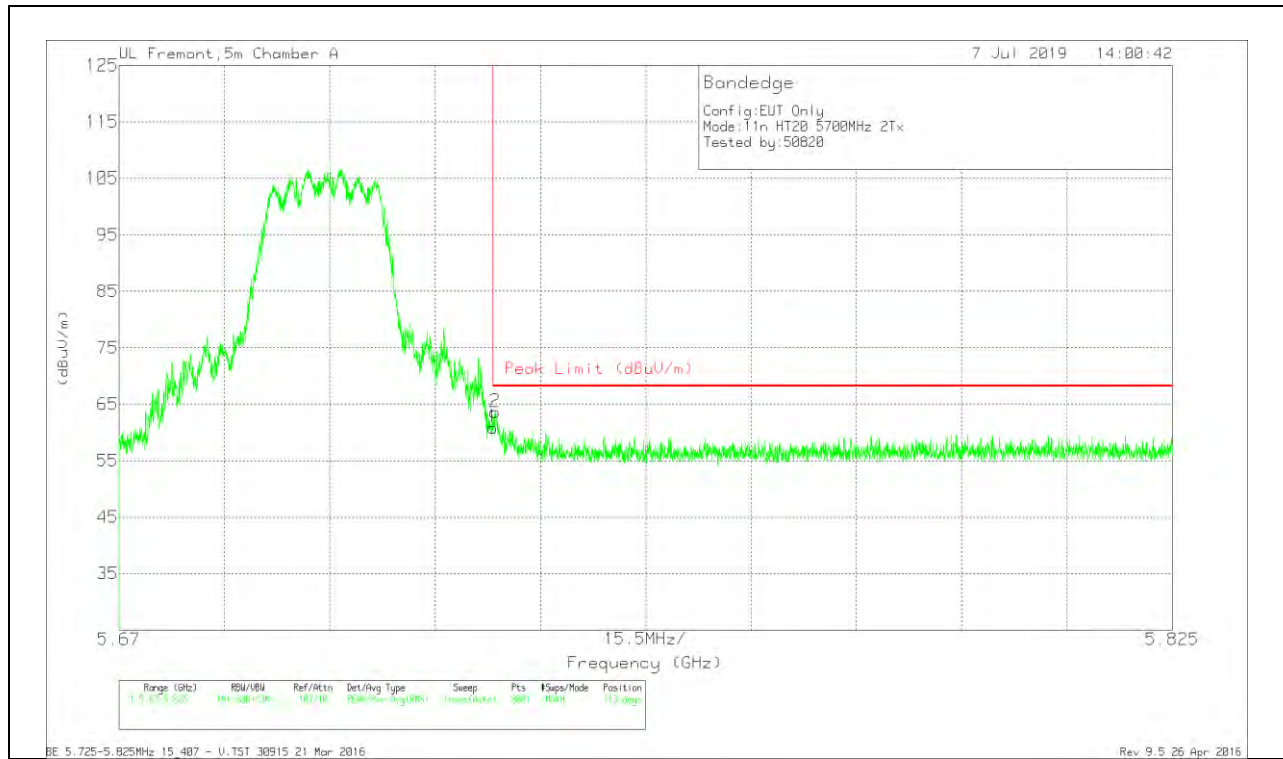
HORIZONTAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T346 (dB/m)	DC Corr (dB)	Amp/Cbl/Fitr/Pad (dB)	Corrected Reading (dBuV/m)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.725	42.85	Pk	34.9	0	-17.2	60.55	68.2	-7.65	239	132	H
2	5.728	45.85	Pk	34.8	0	-17.2	63.45	68.2	-4.75	239	132	H

Pk - Peak detector

VERTICAL RESULT

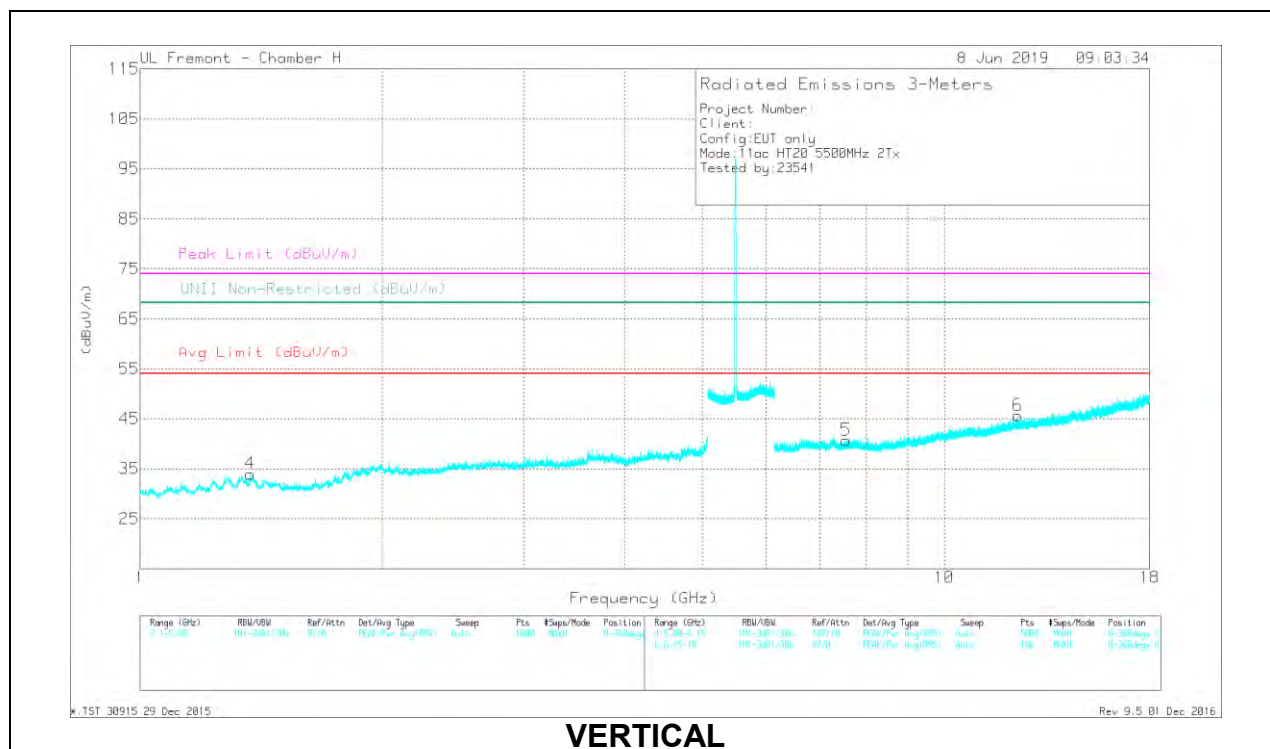
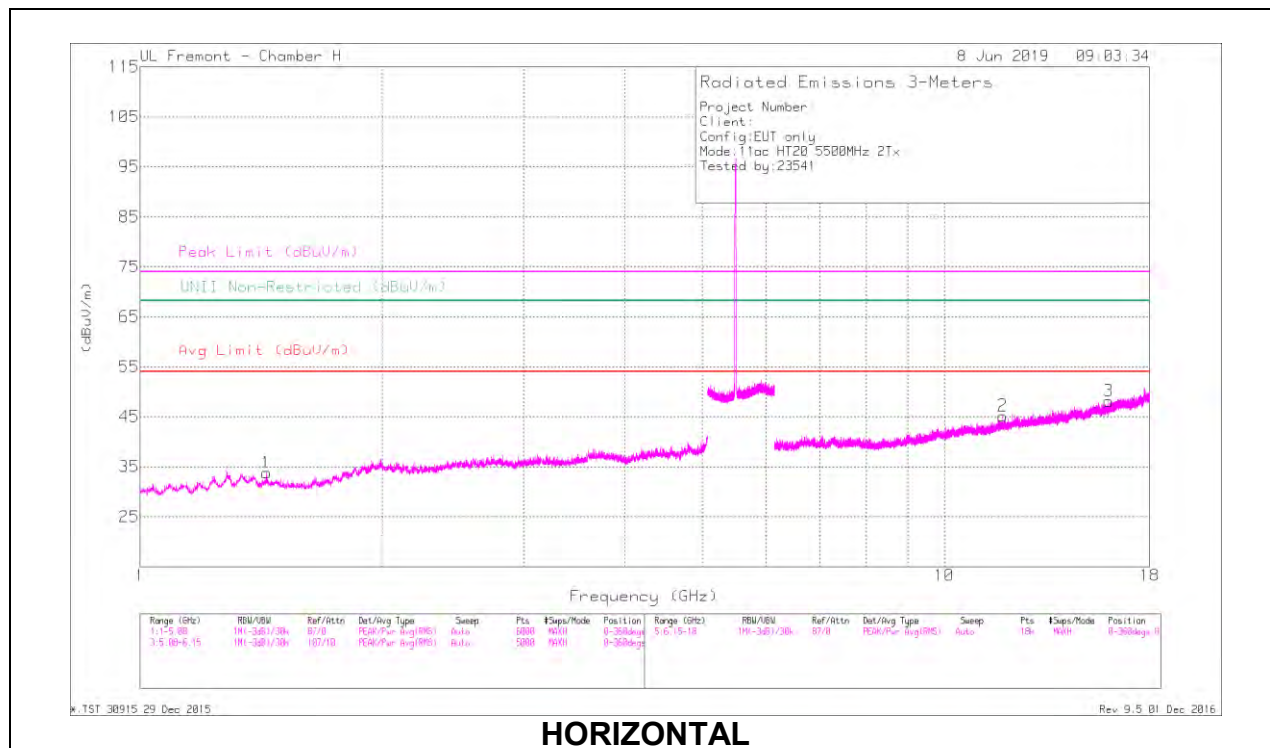


Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T346 (dB/m)	Amp/Cbl/Filtr/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.725	43.19	Pk	34.9	-17.2	0	60.89	68.2	-7.31	113	214	V
2	5.725	45.94	Pk	34.9	-17.2	0	63.64	68.2	-4.56	113	214	V

Pk - Peak detector

HARMONICS AND SPURIOUS EMISSIONS

LOW CHANNEL RESULTS



RADIATED EMISSIONS

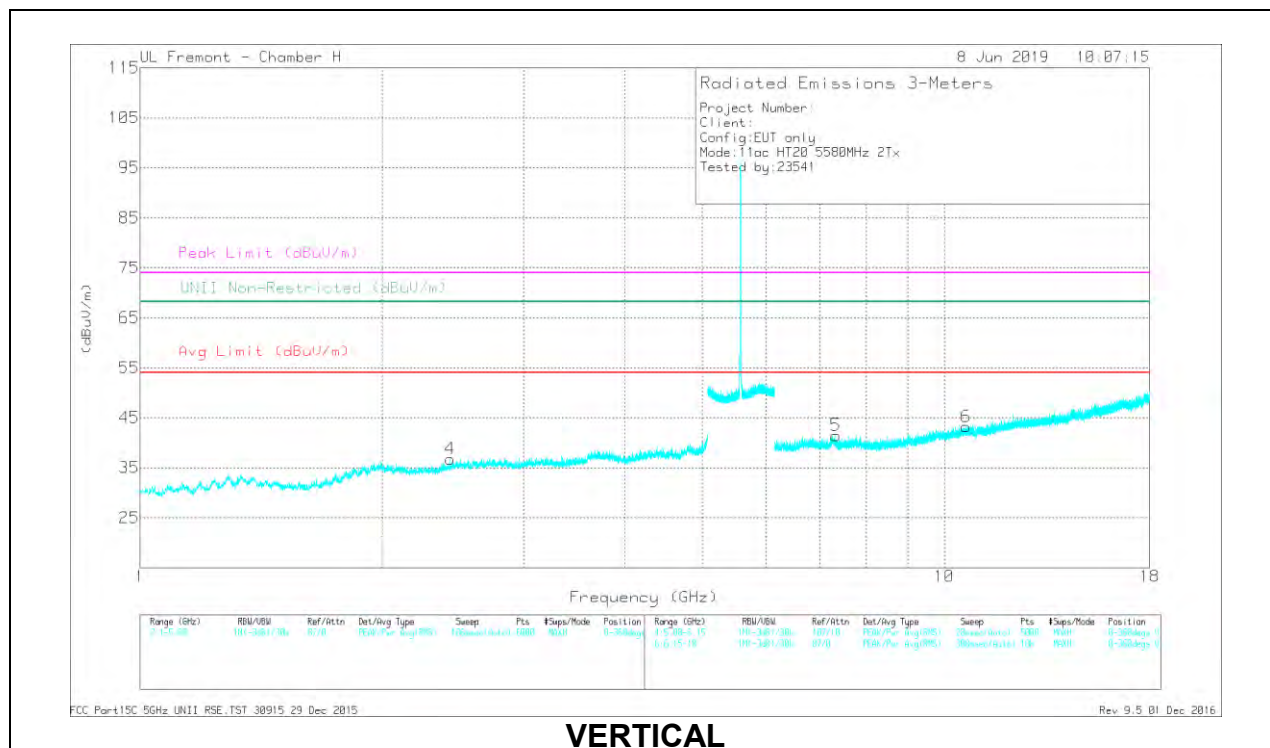
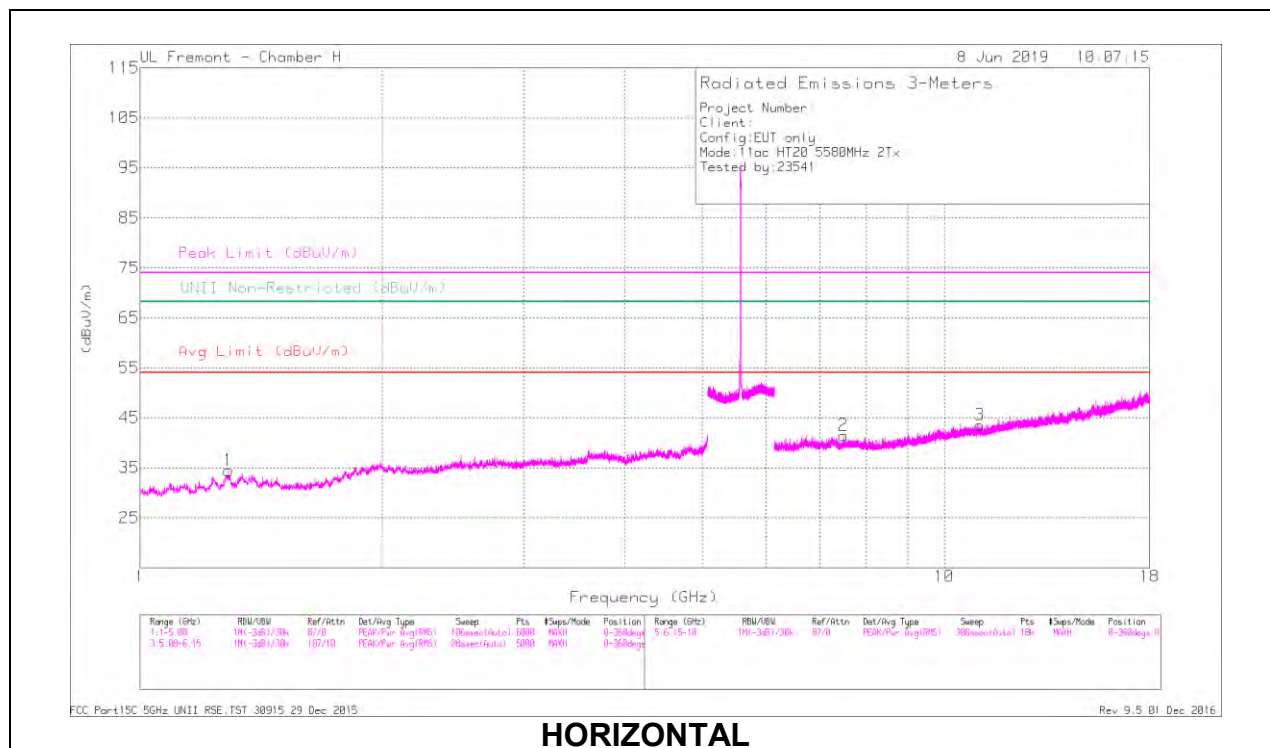
Markers	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T136 (dBm)	Amp/Cbl/Filt/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 1.492	44.46	PK-U	28.2	-32.9	0	39.76	-	-	74	-34.24	-	-	345	244	H
	* 1.384	32.58	ADR	29.2	-33	0	28.78	54	-25.22	-	-	-	-	345	244	H
4	* 1.371	44.08	PK-U	29.6	-32.9	0	40.78	-	-	74	-33.22	-	-	328	391	V
	* 1.372	32.04	ADR	29.5	-33	0	28.54	54	-25.46	-	-	-	-	328	391	V
2	* 11.829	35.95	PK-U	38.7	-23.6	0	51.05	-	-	74	-22.95	-	-	53	154	H
	* 11.827	24.2	ADR	38.7	-23.6	0	39.3	54	-14.7	-	-	-	-	53	154	H
3	* 16.003	35.51	PK-U	41	-22.2	0	54.31	-	-	74	-19.69	-	-	247	105	H
	* 16.002	24.04	ADR	41	-22.2	0	42.84	54	-11.16	-	-	-	-	247	105	H
5	* 7.55	38.42	PK-U	36.6	-27.3	0	47.72	-	-	74	-26.28	-	-	24	227	V
	* 7.549	26.58	ADR	36.6	-27.3	0	35.88	54	-18.12	-	-	-	-	24	227	V
6	* 12.338	35.74	PK-U	39.1	-23.4	0	51.44	-	-	74	-22.56	-	-	187	263	V
	* 12.337	24.23	ADR	39.1	-23.4	0	39.93	54	-14.07	-	-	-	-	187	263	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

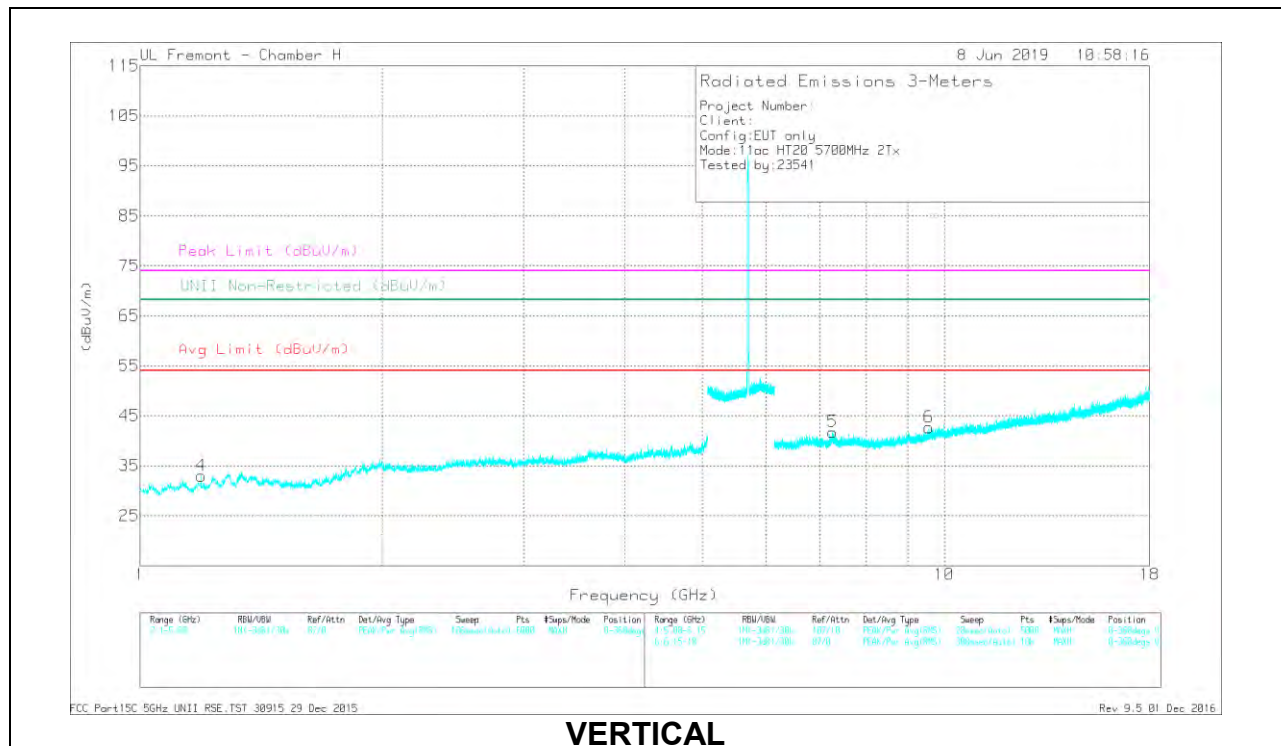
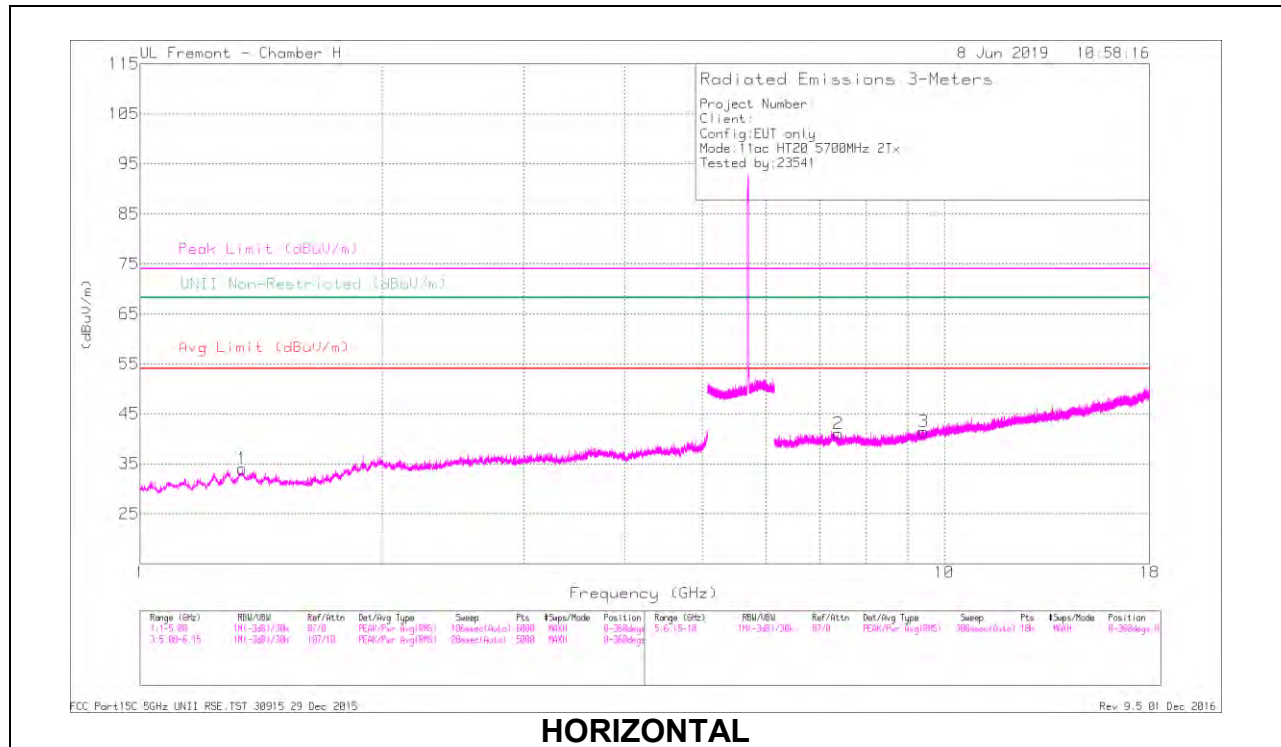
Markers	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T136 (dBim)	Amp/Cbl/Filt/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 1.287	44.72	PK-U	29.2	-32.9	0	41.02	-	-	74	-32.98	-	-	134	220	H
	* 1.287	32.75	ADR	29.2	-32.9	0	29.05	54	-24.95	-	-	-	-	134	220	H
2	* 7.49	38.15	PK-U	36.5	-27.3	0	47.35	-	-	74	-26.65	-	-	250	149	H
	* 7.489	26.65	ADR	36.5	-27.4	0	35.75	54	-18.25	-	-	-	-	250	149	H
3	* 11.07	35.58	PK-U	37.8	-23.6	0	49.78	-	-	74	-24.22	-	-	332	272	H
	* 11.072	24.05	ADR	37.8	-23.6	0	38.25	54	-15.75	-	-	-	-	332	272	H
5	* 7.331	38.42	PK-U	36.4	-27.2	0	47.62	-	-	74	-26.38	-	-	281	182	V
	* 7.33	26.81	ADR	36.4	-27.2	0	36.01	54	-17.99	-	-	-	-	281	182	V
6	* 10.648	36.11	PK-U	37.7	-23.8	0	50.01	-	-	74	-23.99	-	-	324	173	V
	* 10.647	24.21	ADR	37.7	-23.8	0	38.11	54	-15.89	-	-	-	-	324	173	V
4	2.429	43.67	PK-U	32	-31.9	0	43.77	-	-	-	-	68.2	-24.43	235	237	V
	2.429	31.06	ADR	32	-31.9	0	31.16	-	-	-	-	-	-	235	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

HIGH CHANNEL RESULTS



RADIATED EMISSIONS

Markers	Frequenc y (GHz)	Meter Reading (dBuV)	Det	AF T136 (dBm)	Amp/CbI/Fitr/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	* 1.34	44.65	PK-U	29.4	-32.9	0	41.15	-	-	74	-32.85	-	-	16	238	H
	* 1.338	32.67	ADR	29.3	-32.9	0	29.07	54	-24.93	-	-	-	-	16	238	H
4	* 1.192	44.41	PK-U	27.9	-33.1	0	39.21	-	-	74	-34.79	-	-	302	178	V
	* 1.189	32.55	ADR	27.8	-33.1	0	27.25	54	-26.75	-	-	-	-	302	178	V
2	* 7.381	38.99	PK-U	36.4	-28	0	47.39	-	-	74	-26.61	-	-	16	150	H
	* 7.384	27.08	ADR	36.4	-28	0	35.48	54	-18.52	-	-	-	-	16	150	H
3	* 9.428	36.41	PK-U	36.7	-24.8	0	48.31	-	-	74	-25.69	-	-	2	166	H
	* 9.429	24.82	ADR	36.7	-24.8	0	36.72	54	-17.28	-	-	-	-	2	166	H
5	* 7.267	38.09	PK-U	36.4	-26.3	0	48.19	-	-	74	-25.81	-	-	248	400	V
	* 7.268	26.27	ADR	36.4	-26.3	0	36.37	54	-17.63	-	-	-	-	248	400	V
6	9.564	36.13	PK-U	36.8	-24.4	0	48.53	-	-	-	-	68.2	-19.67	190	230	V
	9.564	24.59	ADR	36.8	-24.4	0	36.99	-	-	-	-	-	-	190	230	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