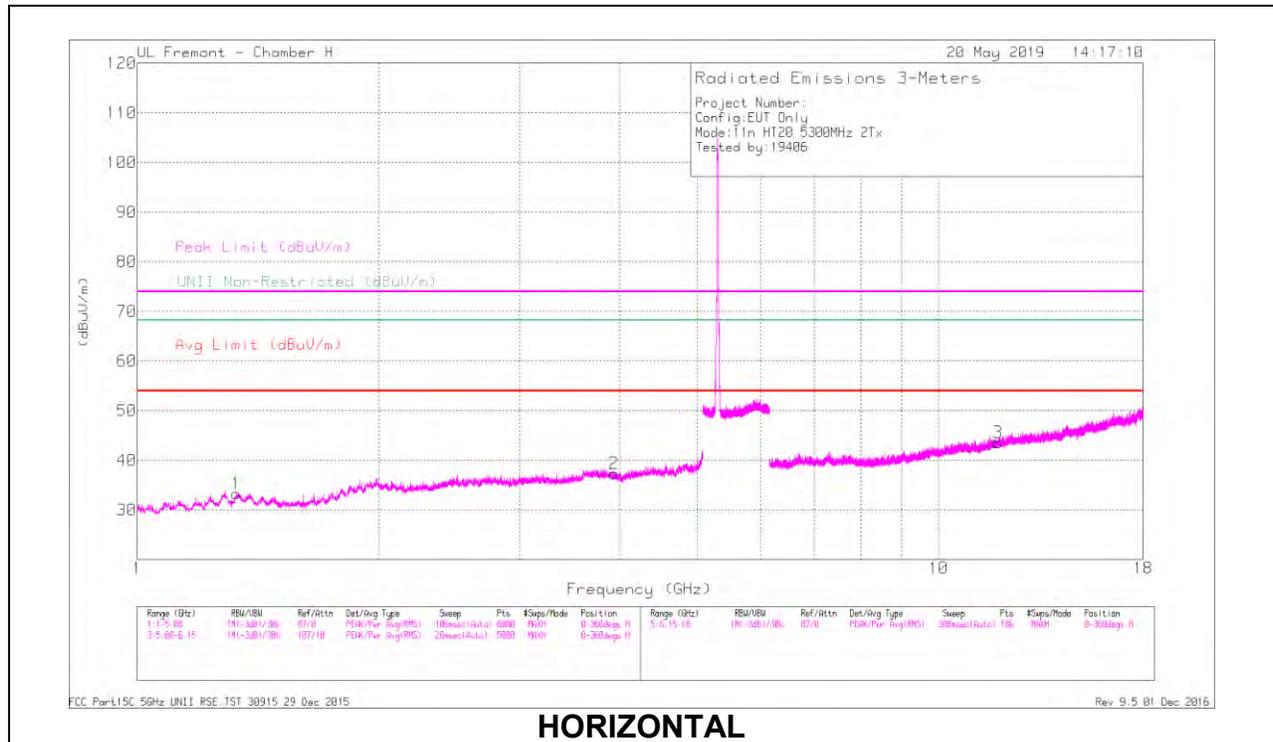
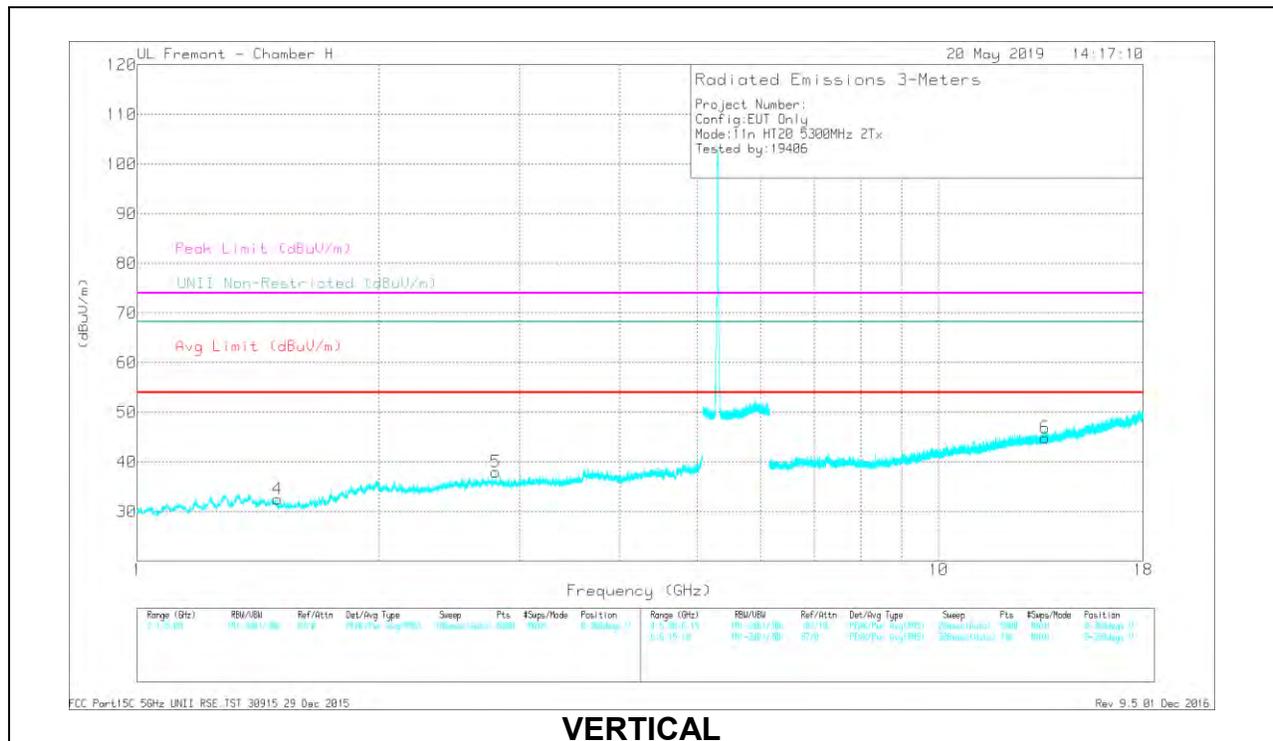


### MID CHANNEL RESULTS



**HORIZONTAL**



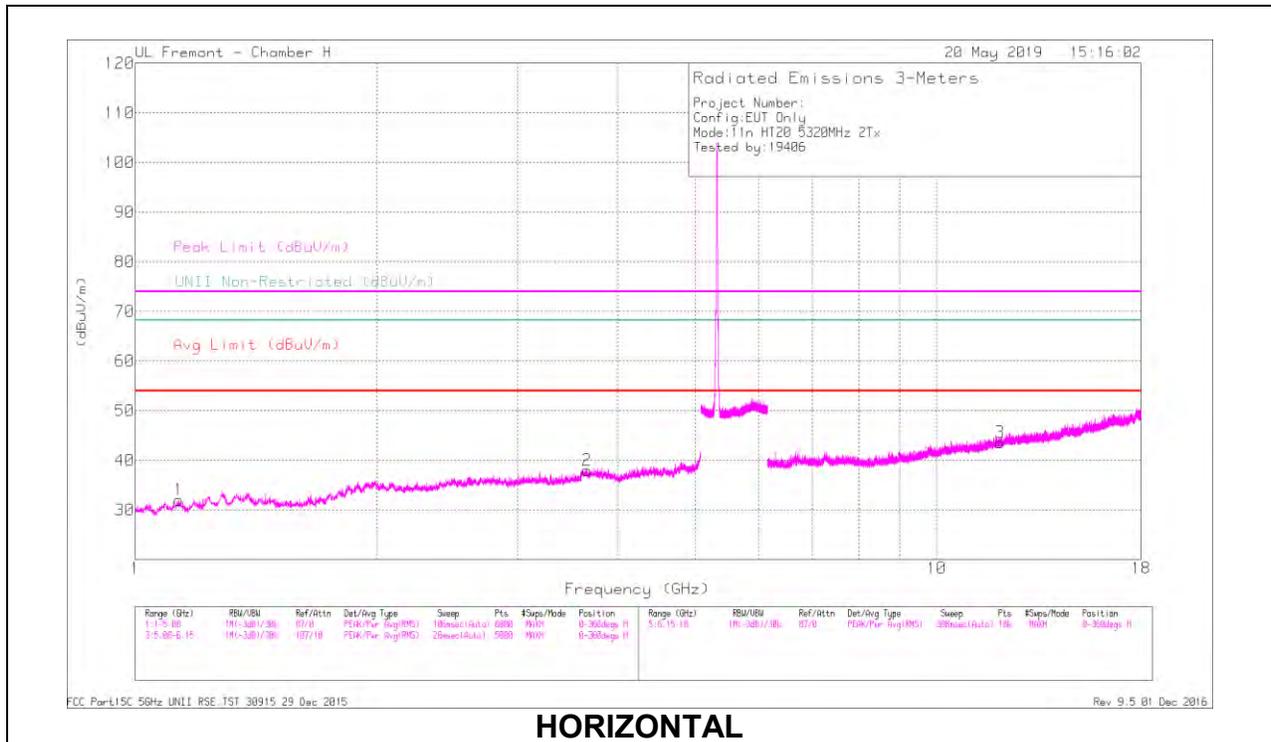
**VERTICAL**

**RADIATED EMISSIONS**

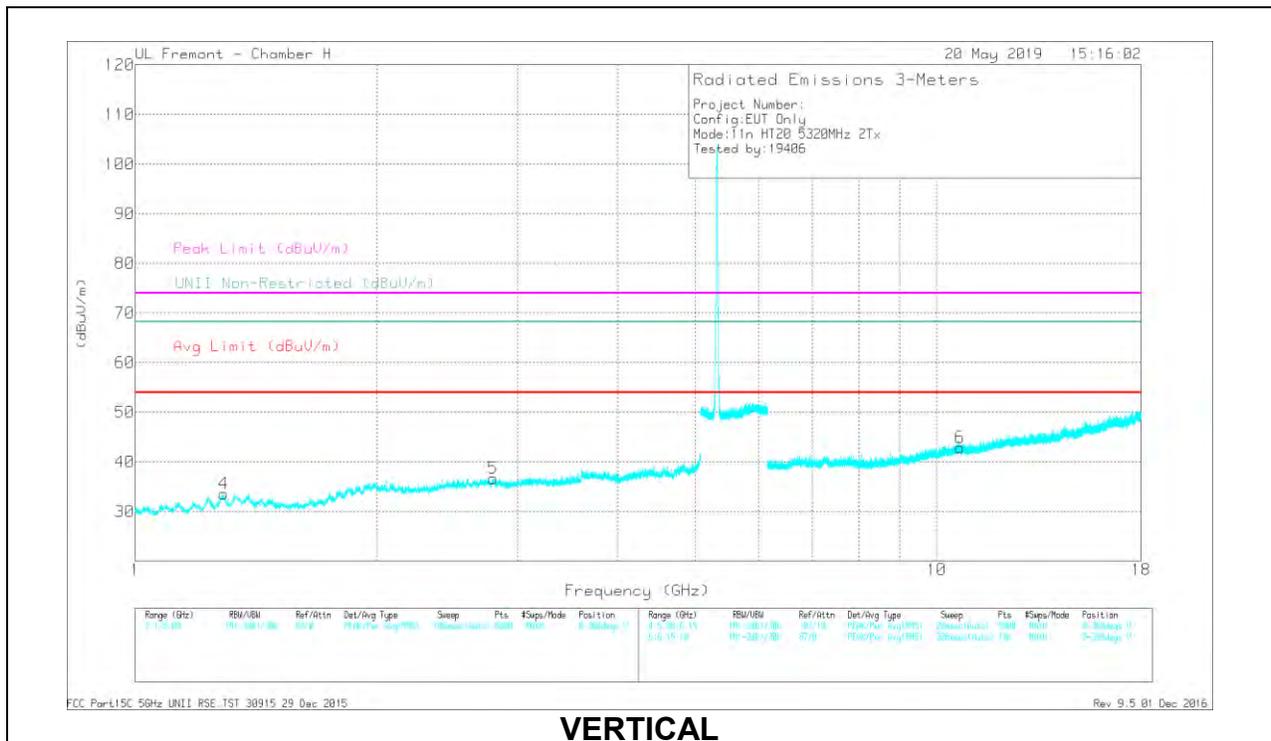
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T136 (dB/m)	Amp/Cbl/Filtr/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 1.328	45.06	PK-U	29.1	-32.8	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



**HORIZONTAL**



**VERTICAL**

**RADIATED EMISSIONS**

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T136 (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)	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

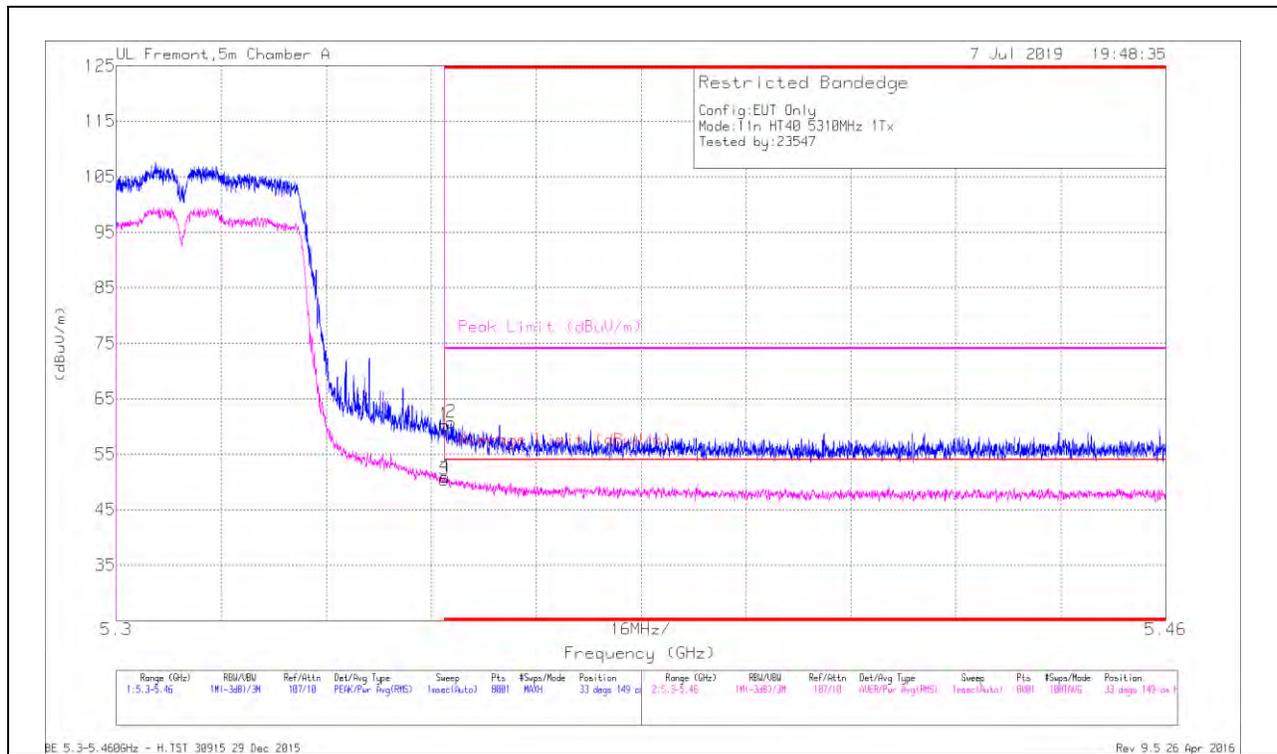
\* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band  
 PK-U - U-NII: Maximum Peak  
 ADR - U-NII AD primary method, RMS average

**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**



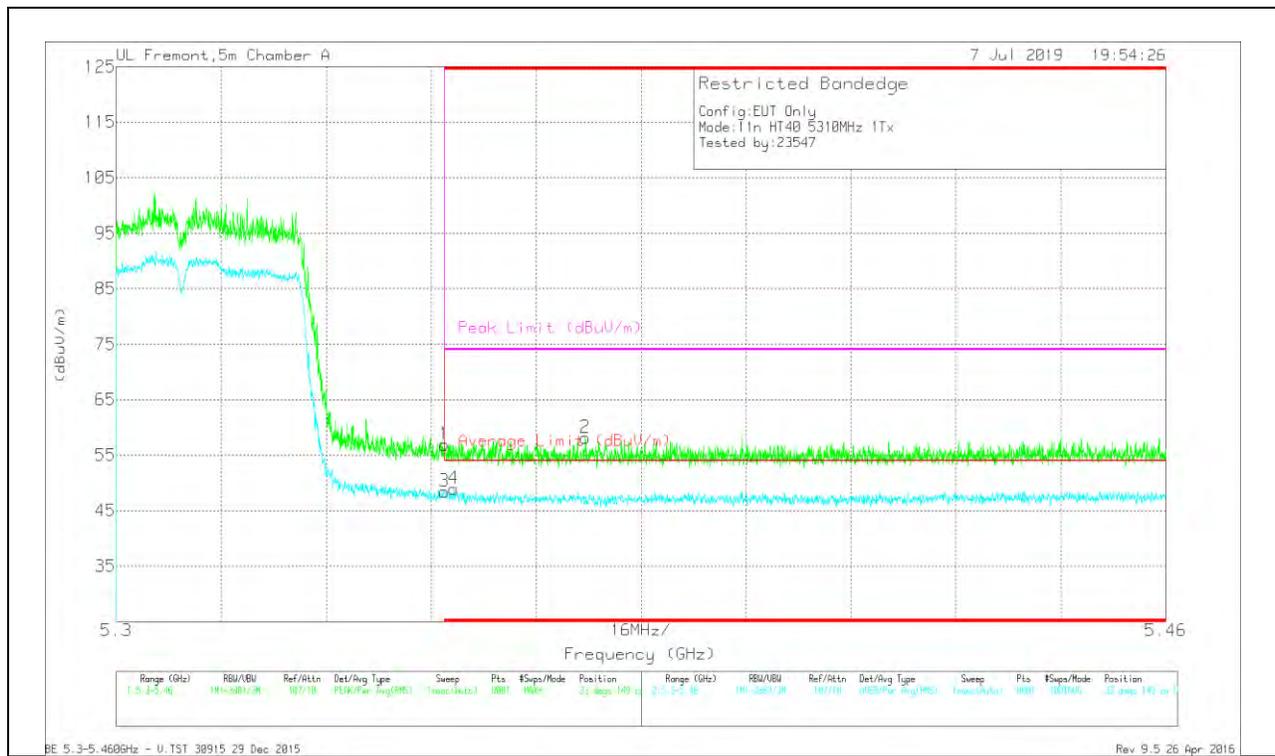
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T346 (dB/m)	Amp/Cbl/Filtr/P ad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 5.35	42.98	Pk	35	-17.7	0	60.28	-	-	74	-13.72	33	149	H
2	* 5.351	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/CbI/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	39.56	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

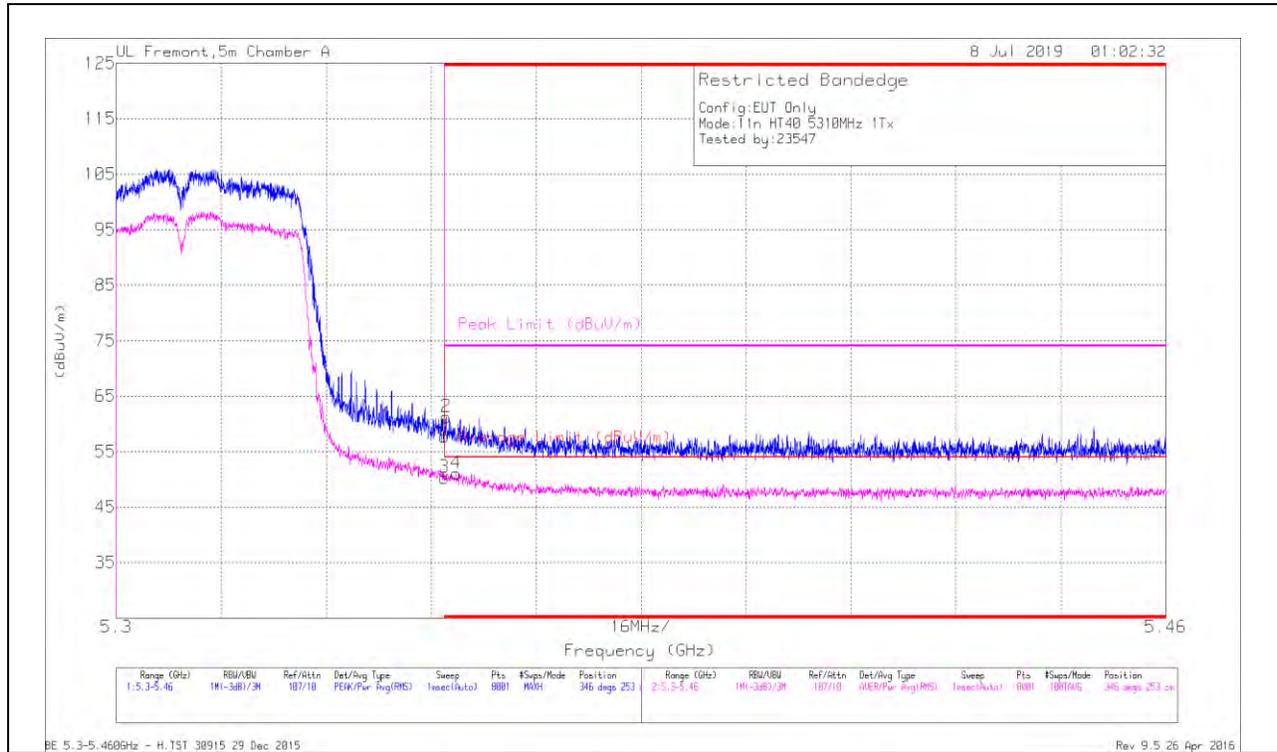
Pk - Peak detector

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/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	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/CbI/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

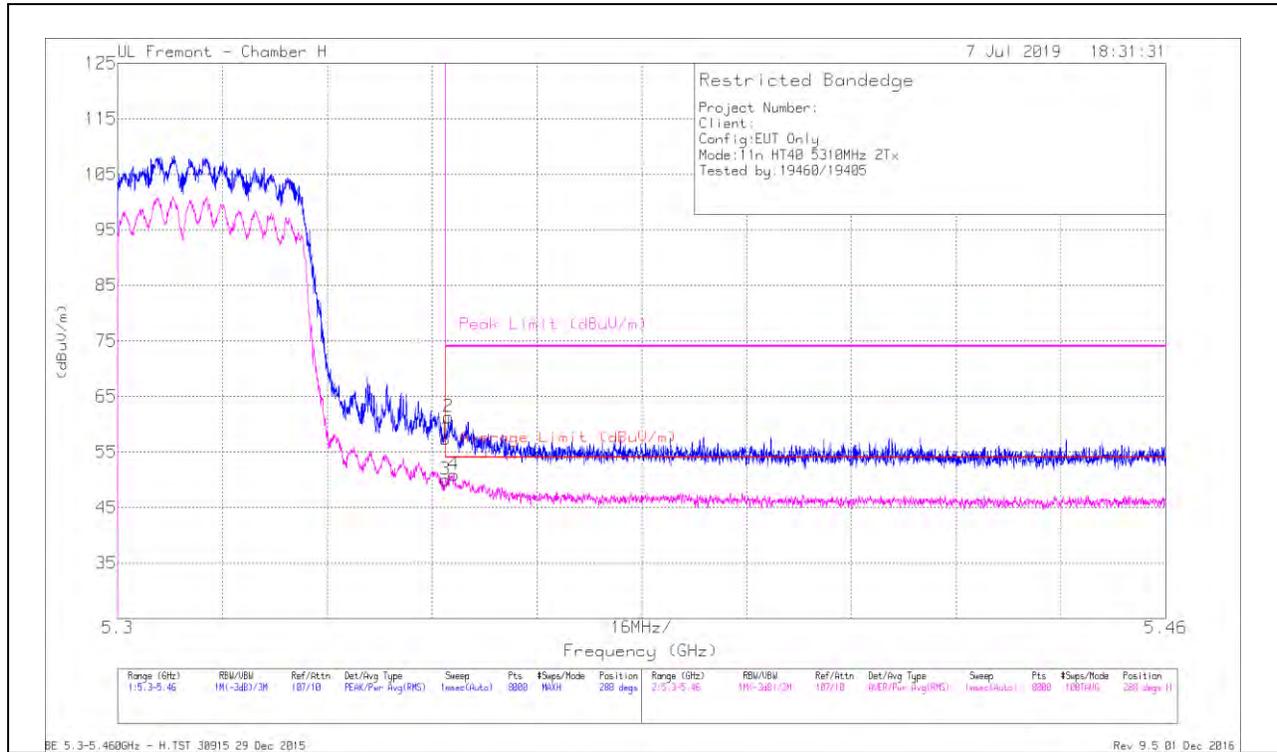
Pk - Peak detector

RMS - RMS detection

**2TX Antenna 6 + Antenna 5 CDD MODE**

**BANDEDGE (HIGH CHANNEL)**

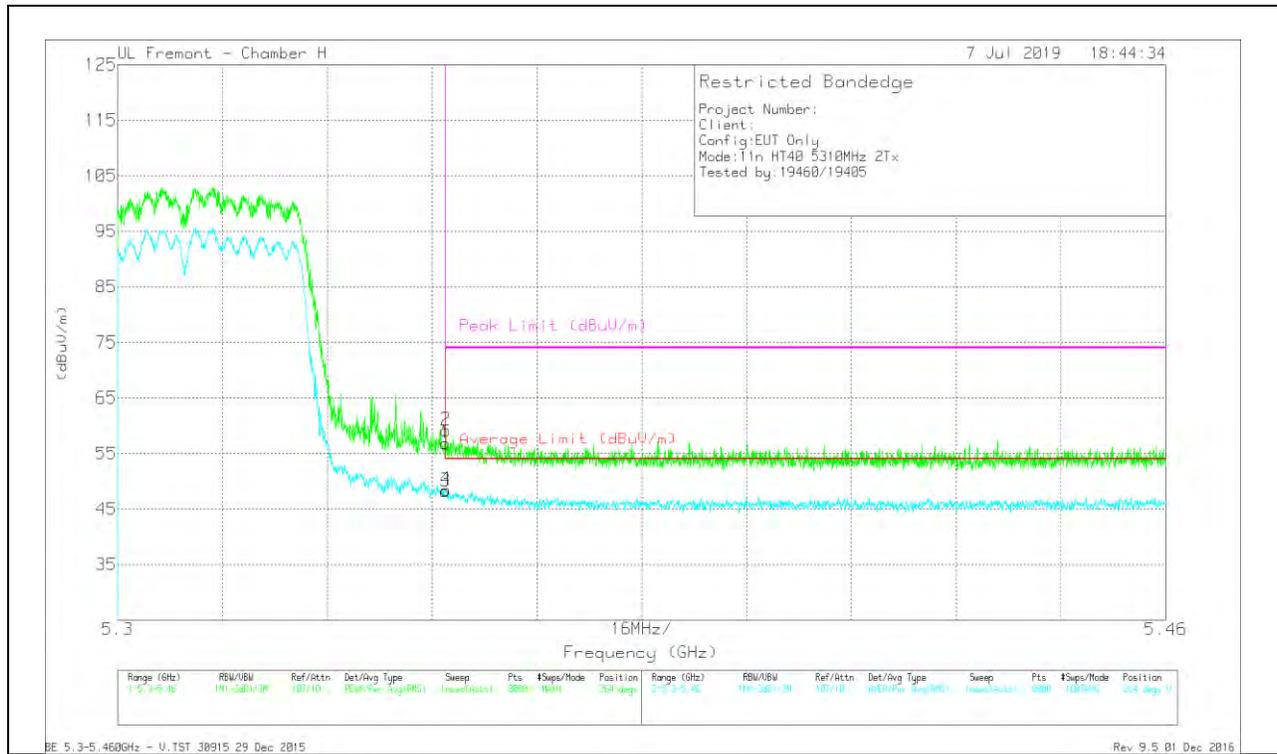
**HORIZONTAL RESULT**



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T863 (dB/m)	Amp/Cbl/Filtr/Prod (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/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	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

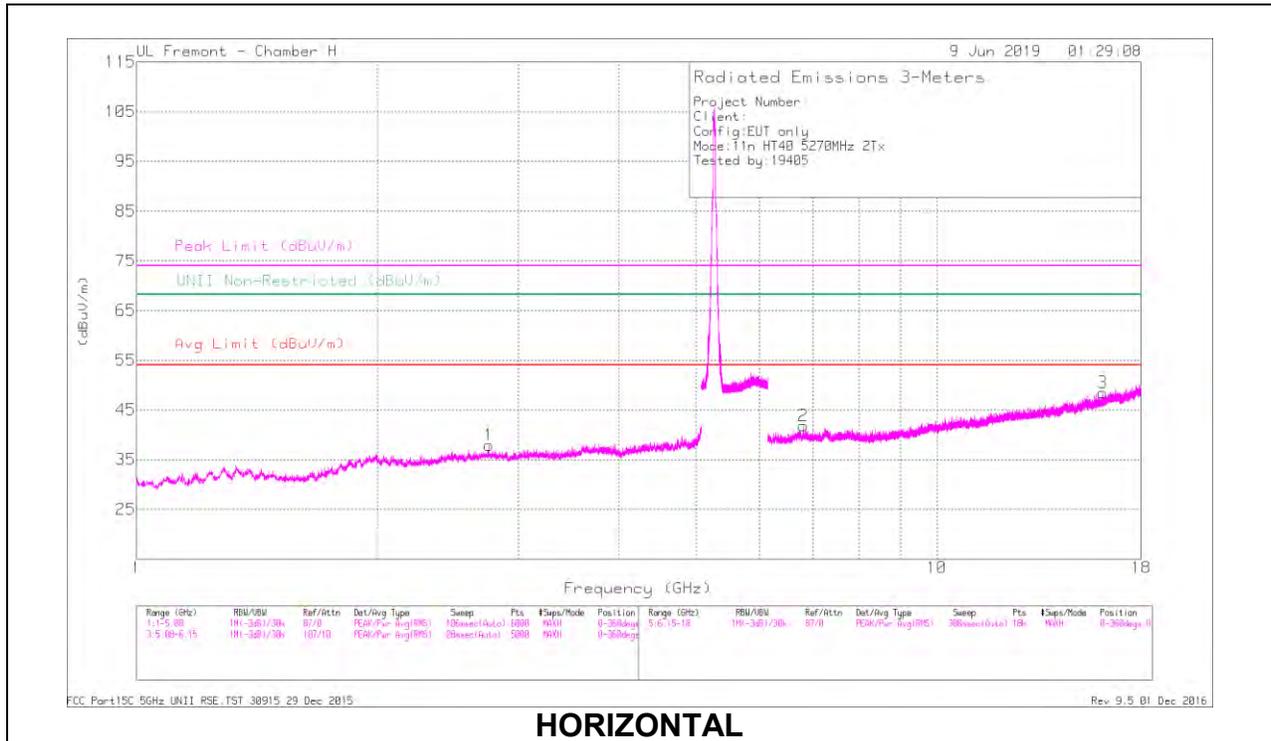
\* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

Pk - Peak detector

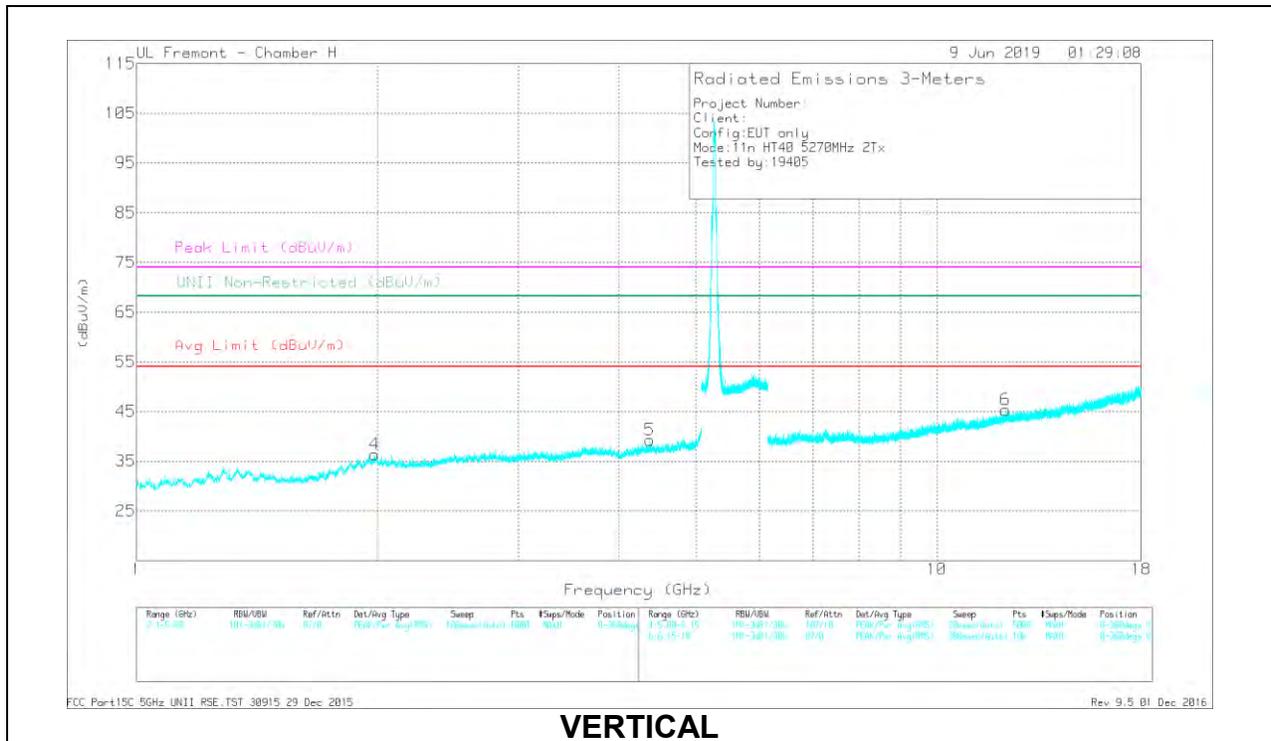
RMS - RMS detection

**HARMONICS AND SPURIOUS EMISSIONS**

**LOW CHANNEL RESULTS**



**HORIZONTAL**



**VERTICAL**

**RADIATED EMISSIONS**

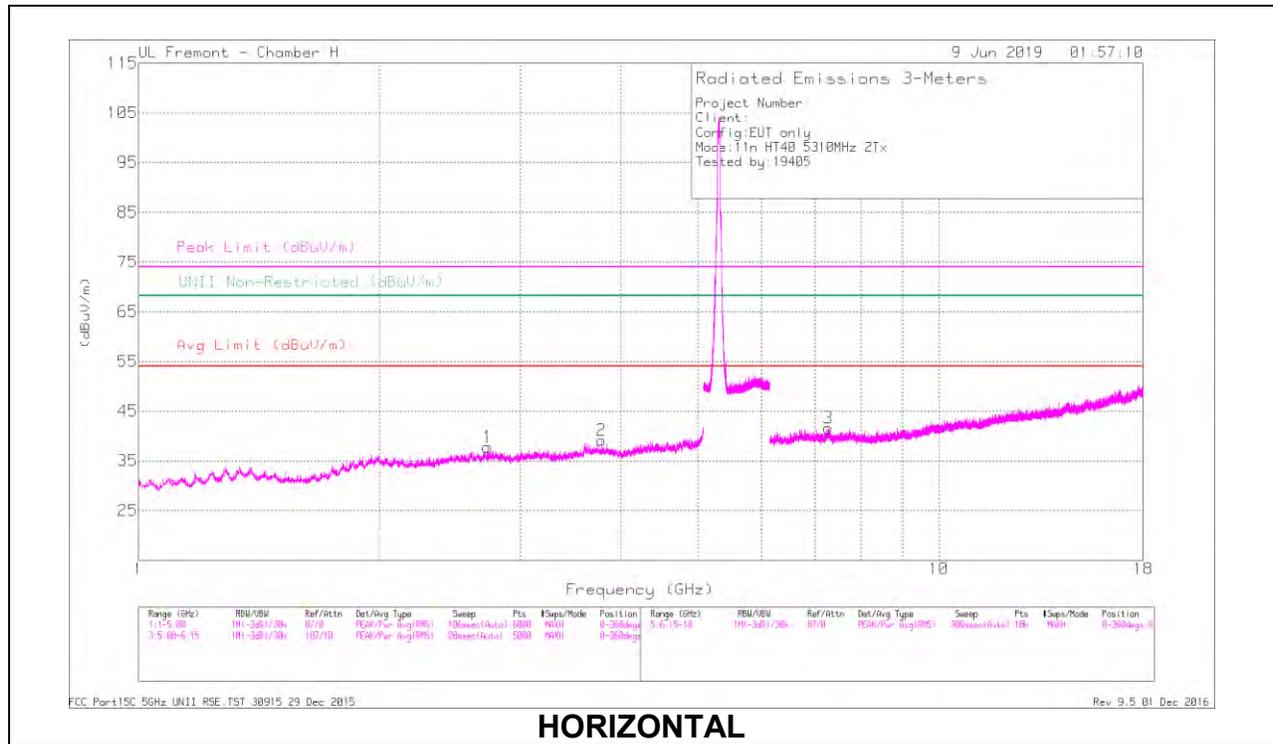
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T136 (dB/m)	Amp/Cbl/Filtr/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.755	43.42	PK-U	32.5	-31.8	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

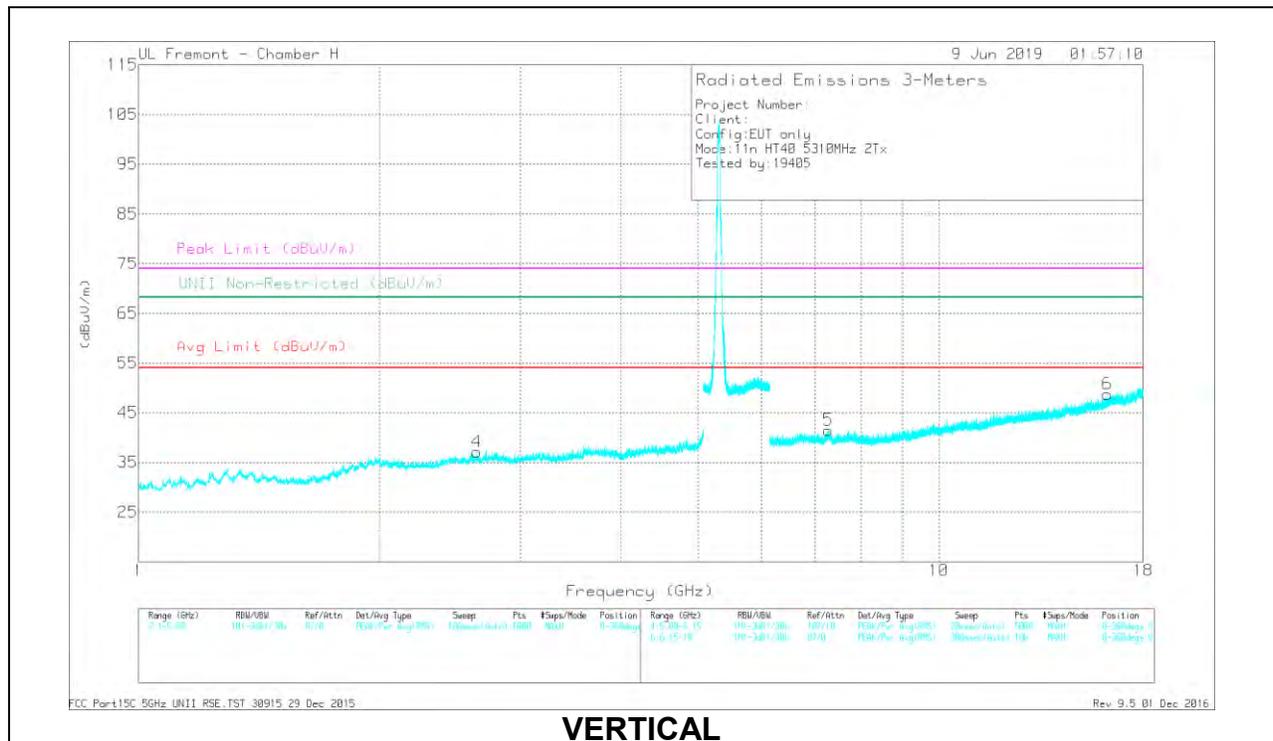
PK-U - U-NII: Maximum Peak

ADR - U-NII AD primary method, RMS average

### HIGH CHANNEL RESULTS



**HORIZONTAL**



**VERTICAL**

**RADIATED EMISSIONS**

Marker	Frequenc y (GHz)	Meter Reading (dBuV)	Det	AF T138 (dBm)	Amp/Cbl/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

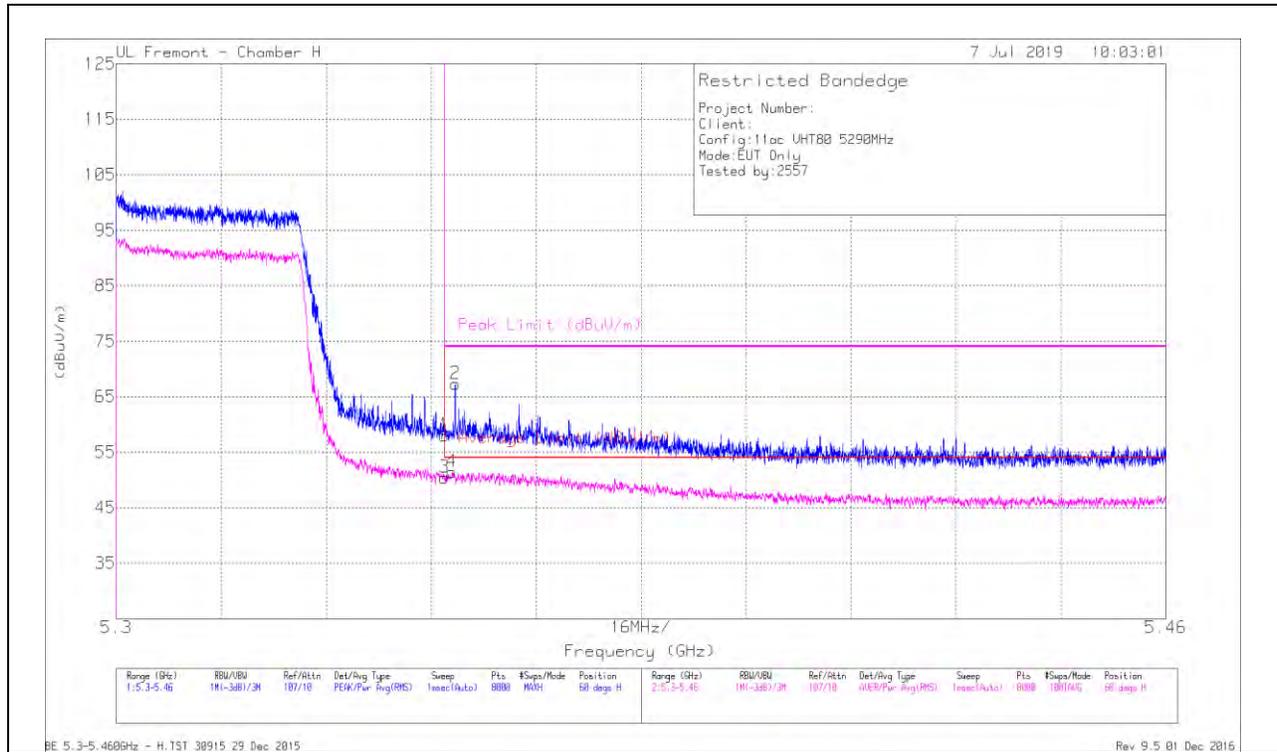
ADR - U-NII AD primary method, RMS average

**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**



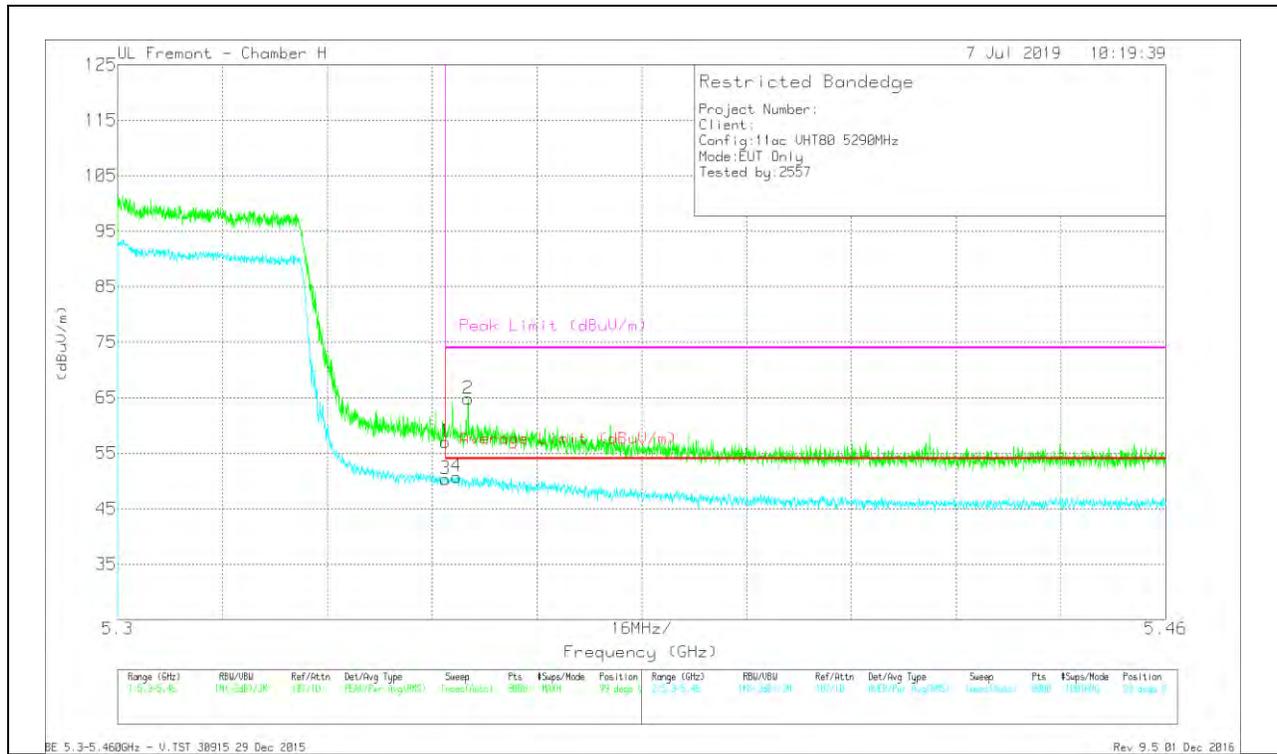
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T863 (dB/m)	Amp/Cbl/Filtr/P ad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 5.35	43.59	Pk	34.9	-20.5	0	57.99	-	-	74	-16.01	60	111	H
2	* 5.352	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

### VERTICAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T863 (dB/m)	Amp/CbI/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	42.67	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

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

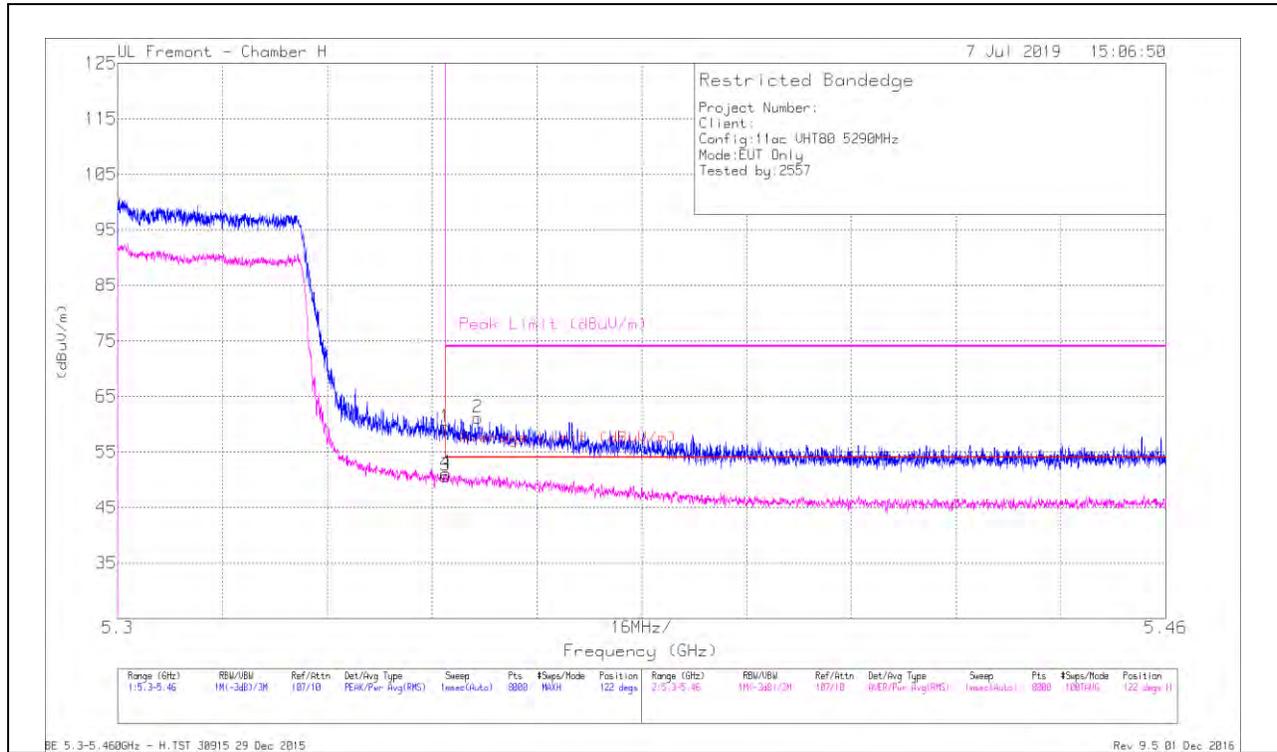
Pk - Peak detector

RMS - RMS detection

**1TX Antenna 5 MODE**

**BANEDGE (MID CHANNEL)**

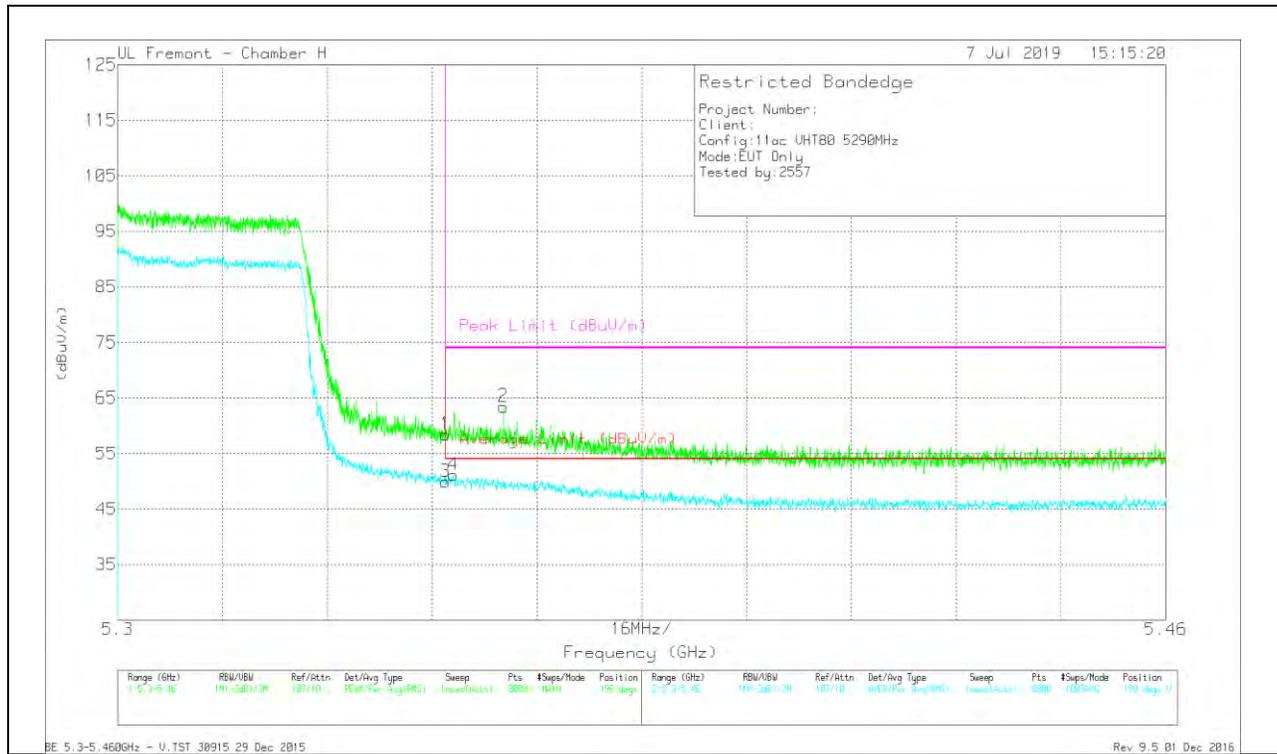
**HORIZONTAL RESULT**



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	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

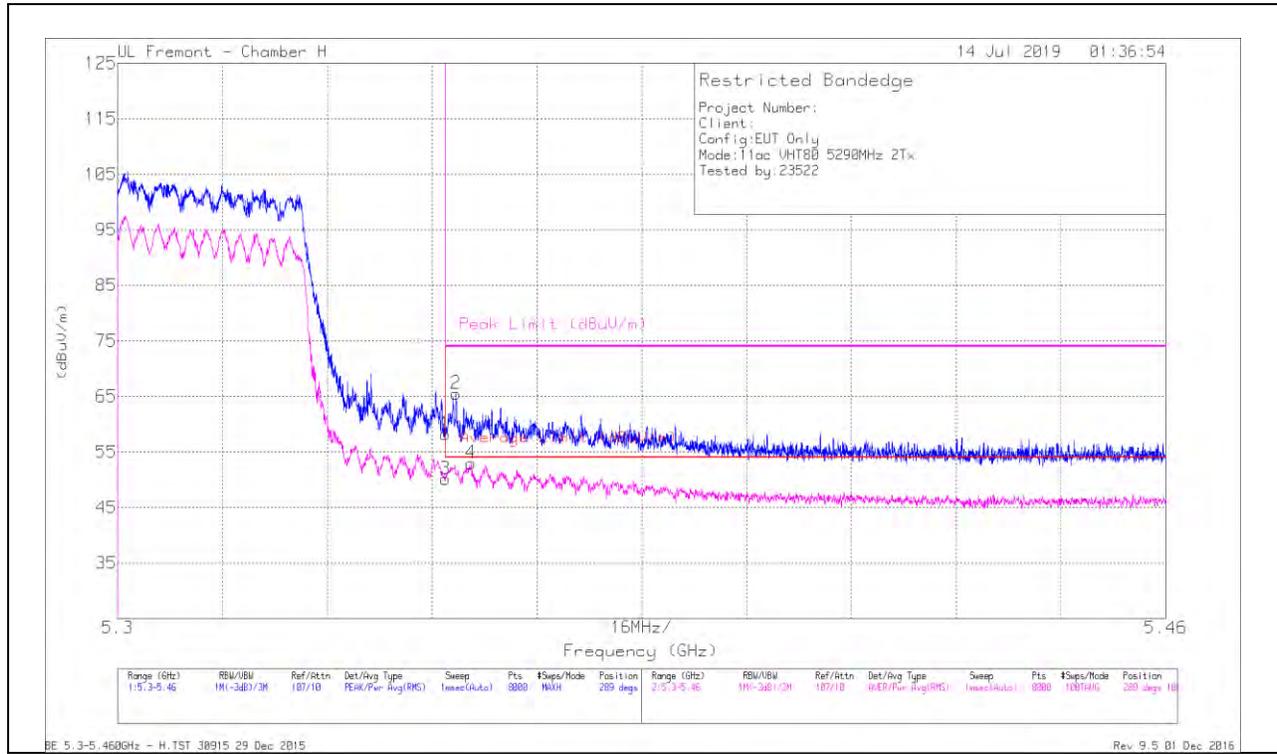
Pk - Peak detector

RMS - RMS detection

**2TX Antenna 6 + Antenna 5 CDD MODE**

**BANEDGE (MID CHANNEL)**

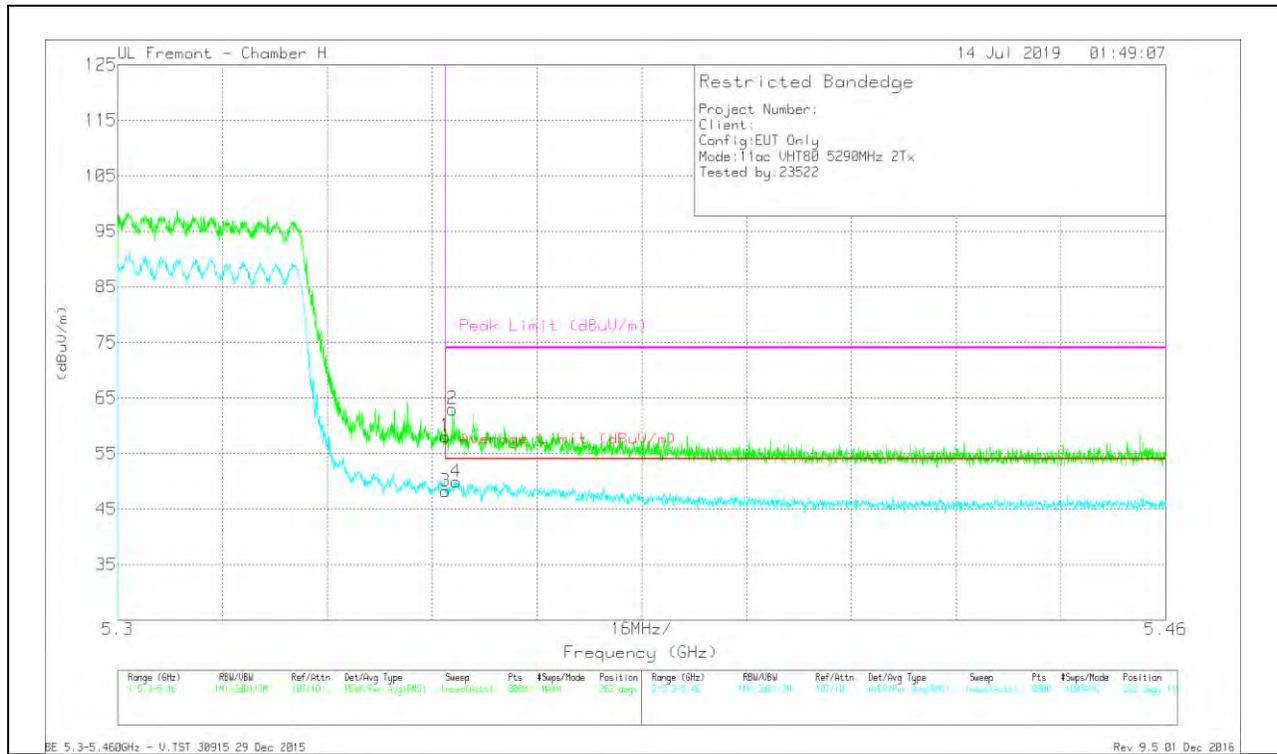
**HORIZONTAL RESULT**



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T863 (dB/m)	Amp/Cbl/Filtr/Prod (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/CbI/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	43.71	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

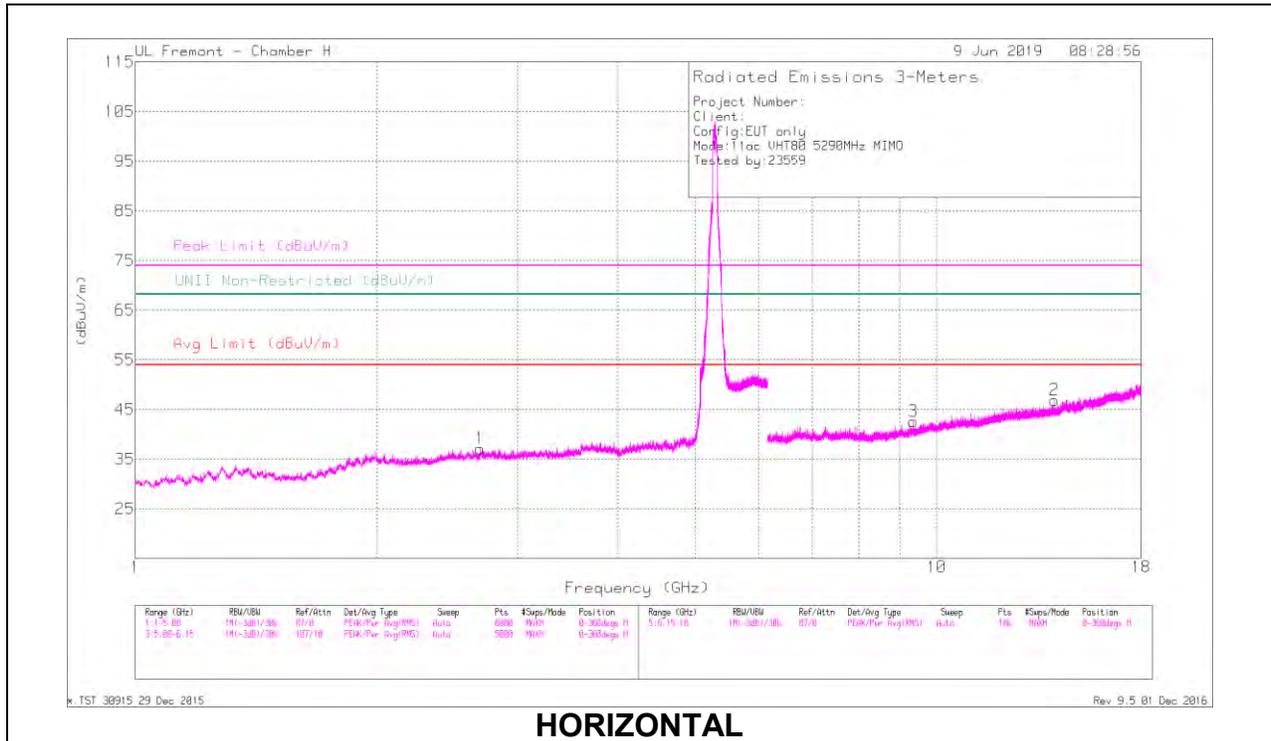
\* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

Pk - Peak detector

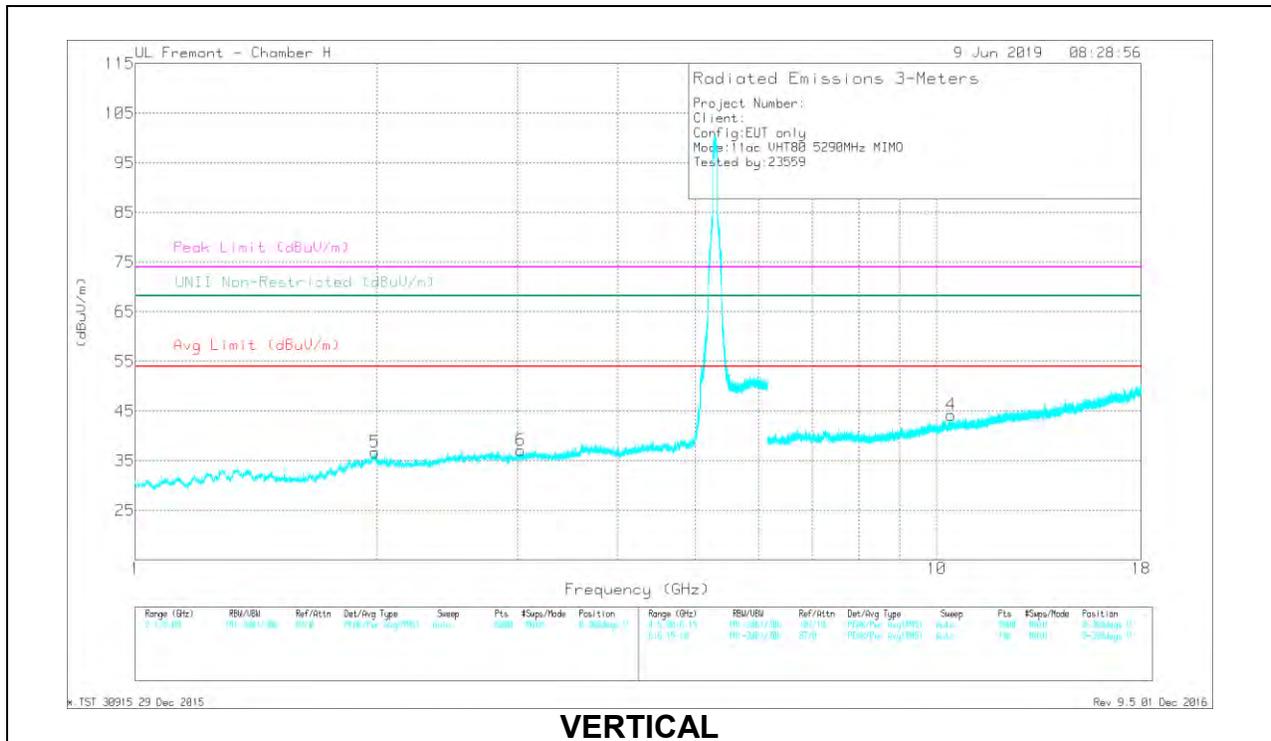
RMS - RMS detection

**HARMONICS AND SPURIOUS EMISSIONS**

**MID CHANNEL RESULTS**



**HORIZONTAL**



**VERTICAL**

**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

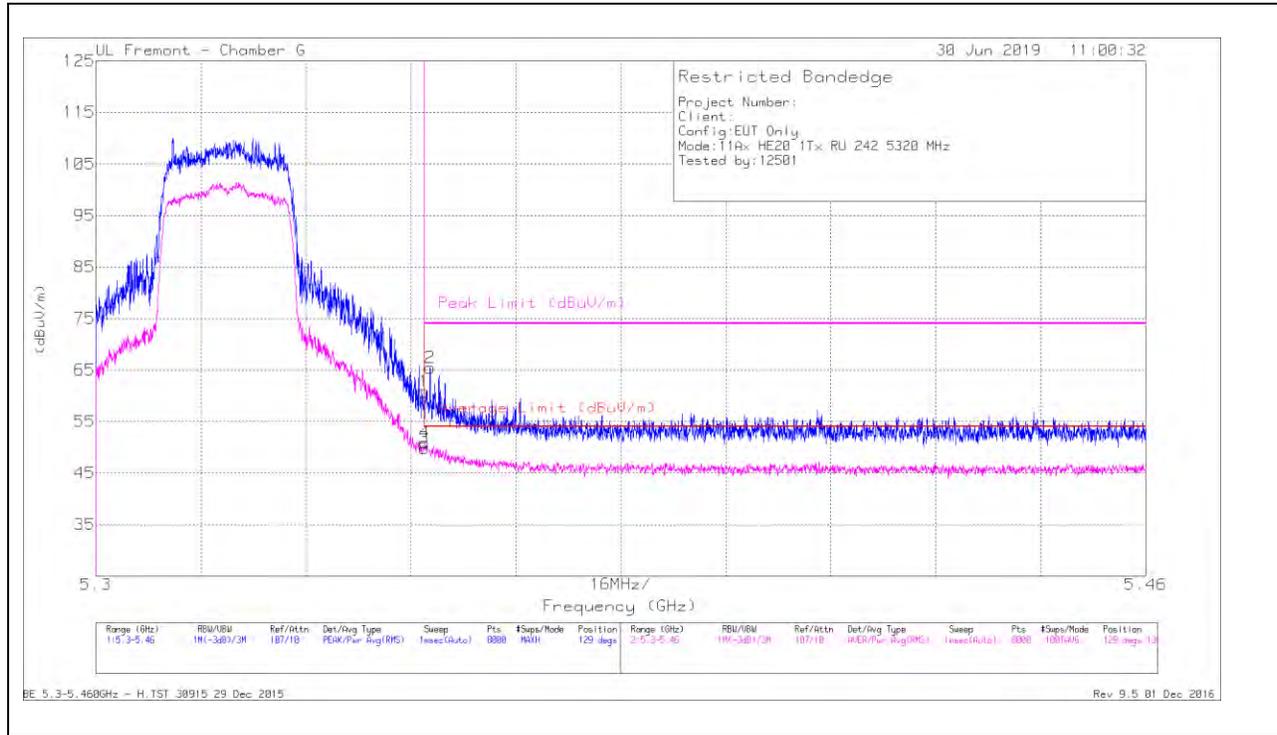
\* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band  
 PK-U - U-NII: Maximum Peak  
 ADR - U-NII AD primary method, RMS average

**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

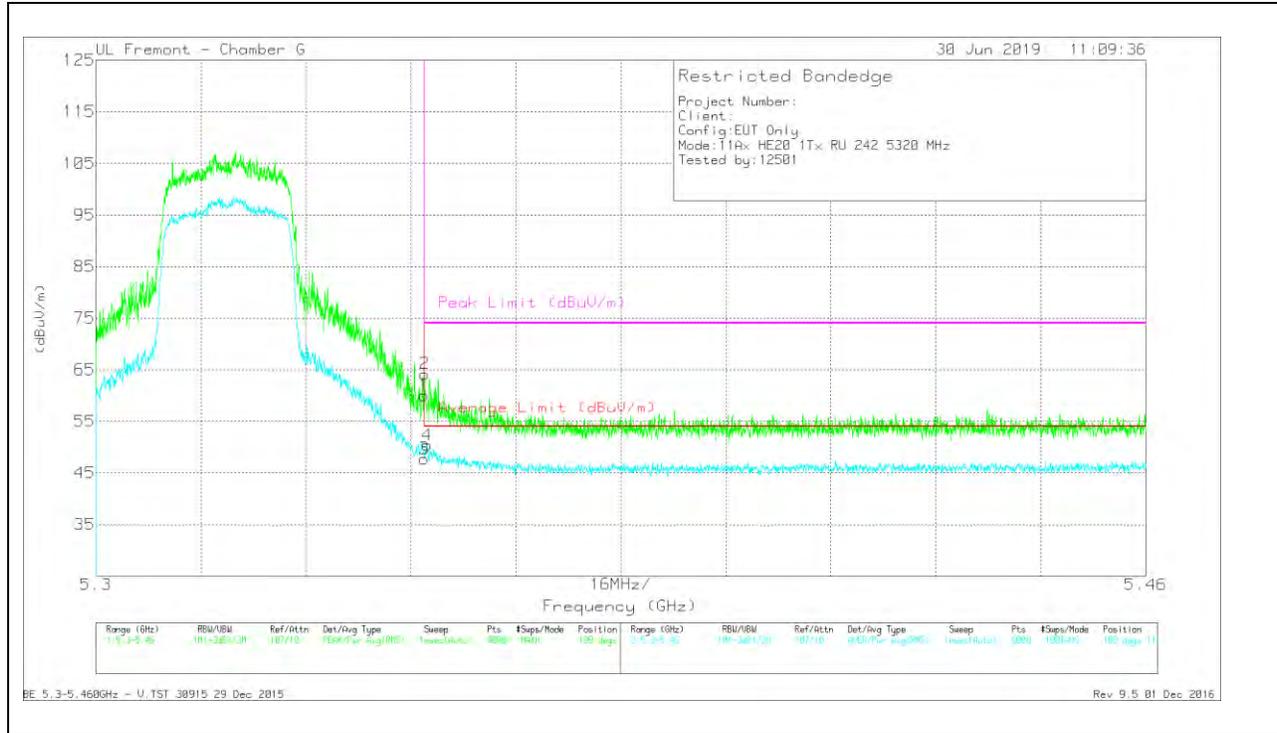
Pk - Peak detector

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/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	45.56	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

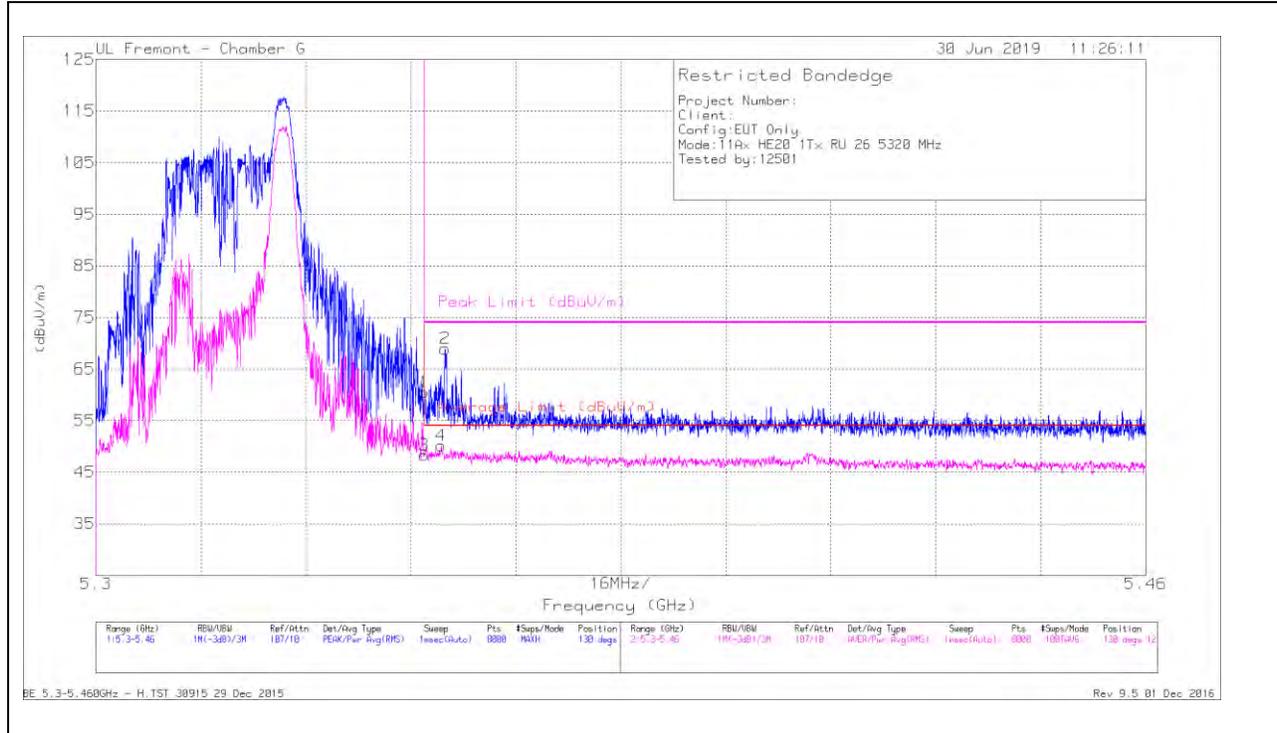
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**1TX Antenna 6 MODE – 26 Tones, RU Index 8**

**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

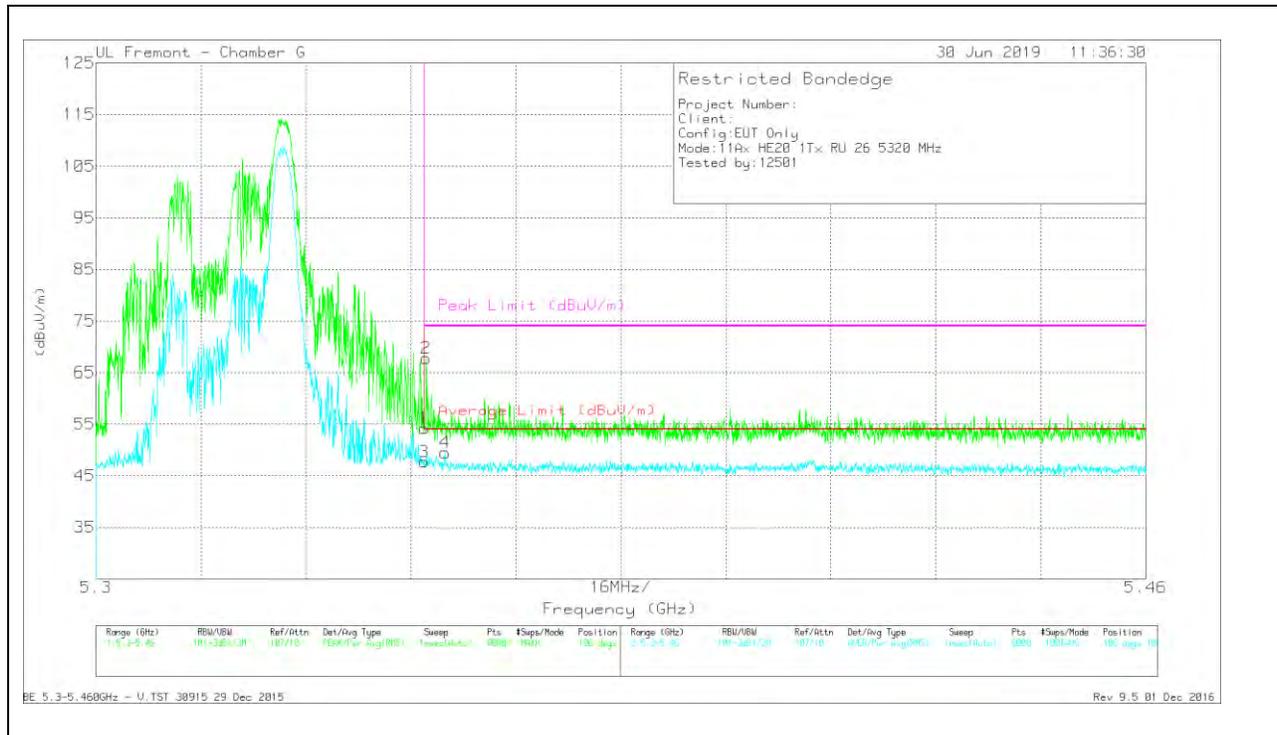
Pk - Peak detector

RMS - RMS detection

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

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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	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

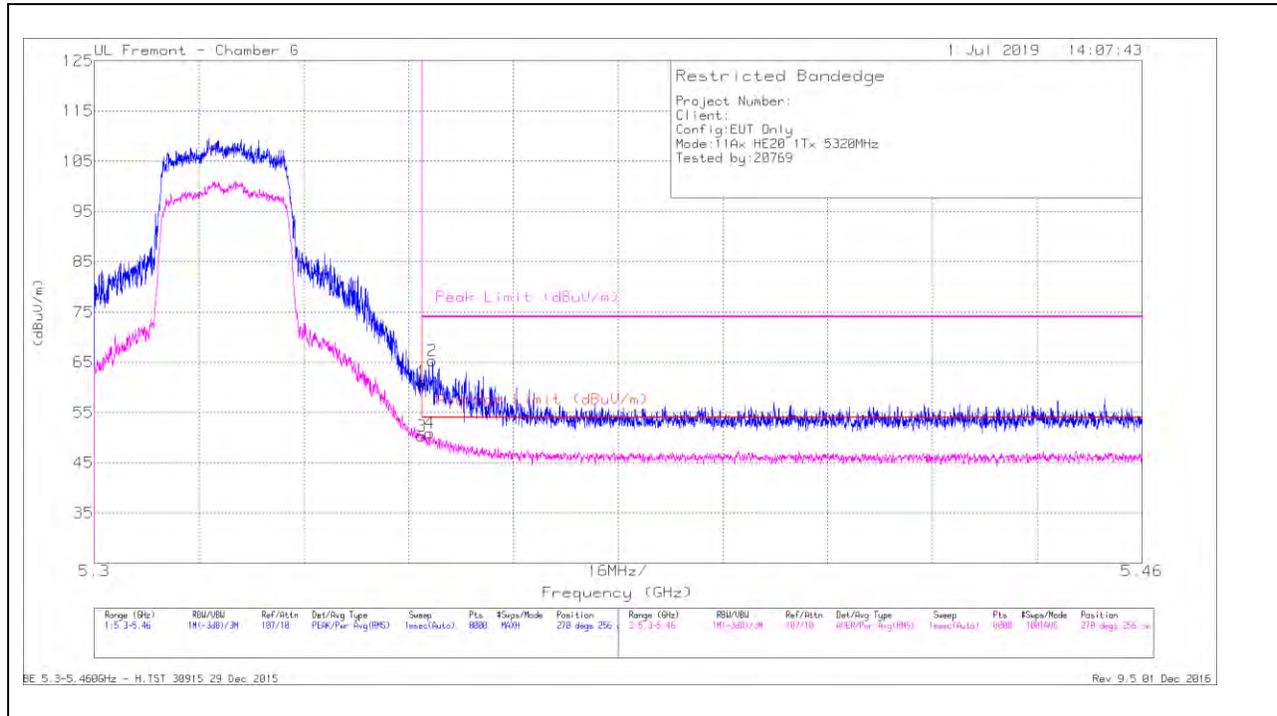
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**1TX Antenna 5 MODE – 242 Tones, RU Index 61**

**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

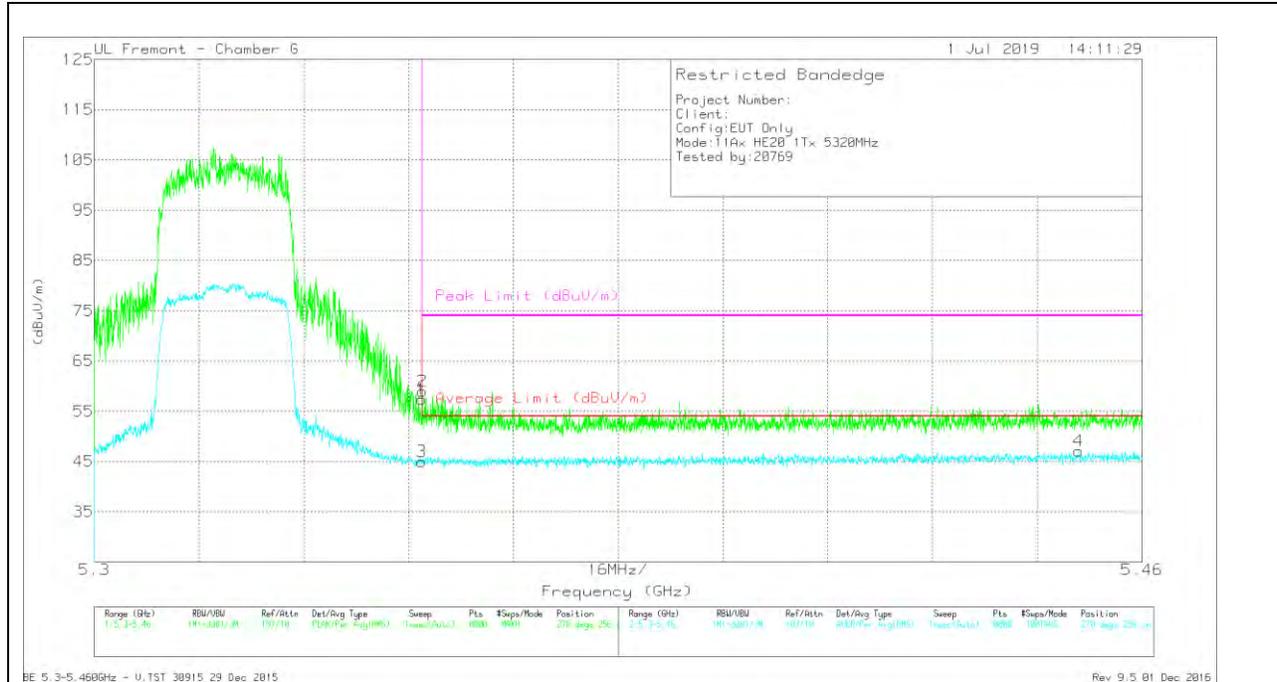
Pk - Peak detector

RMS - RMS detection

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

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**VERTICAL RESULT**



Marker	Frequenc y (GHz)	Meter Reading (dBuV)	Det	AF T120 (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	42.91	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

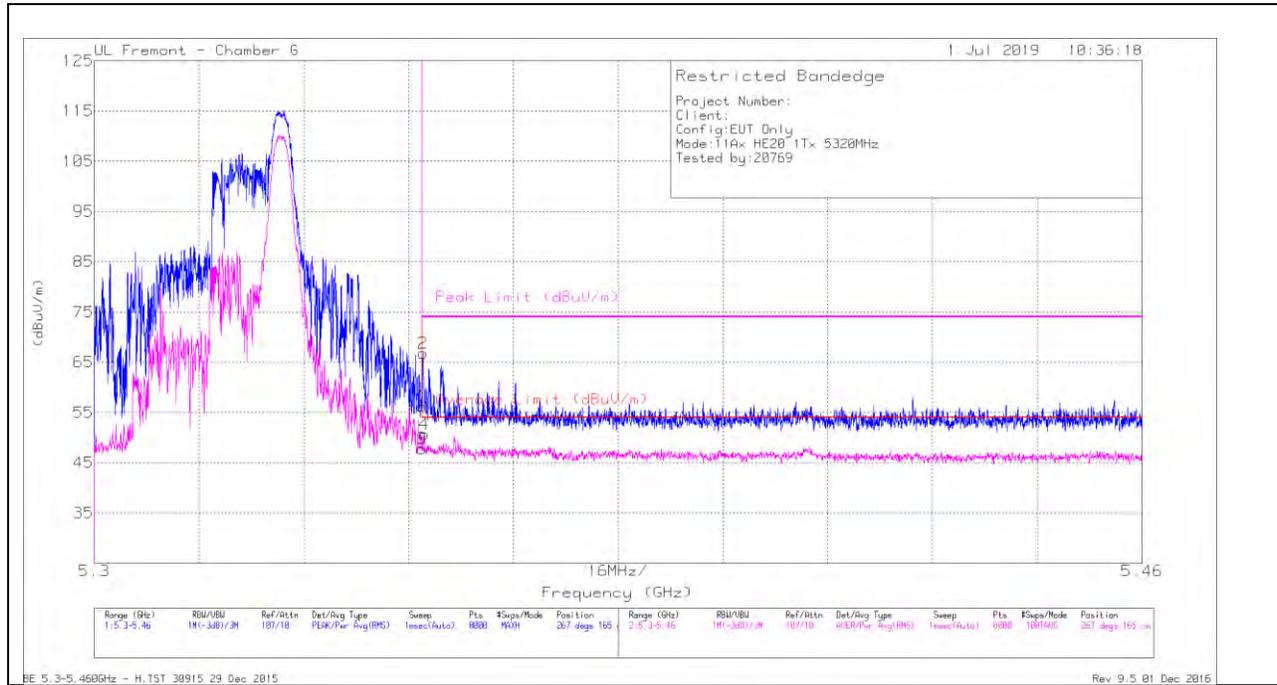
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Rev 9.5 01 Dec 2016

**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/Cbi/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

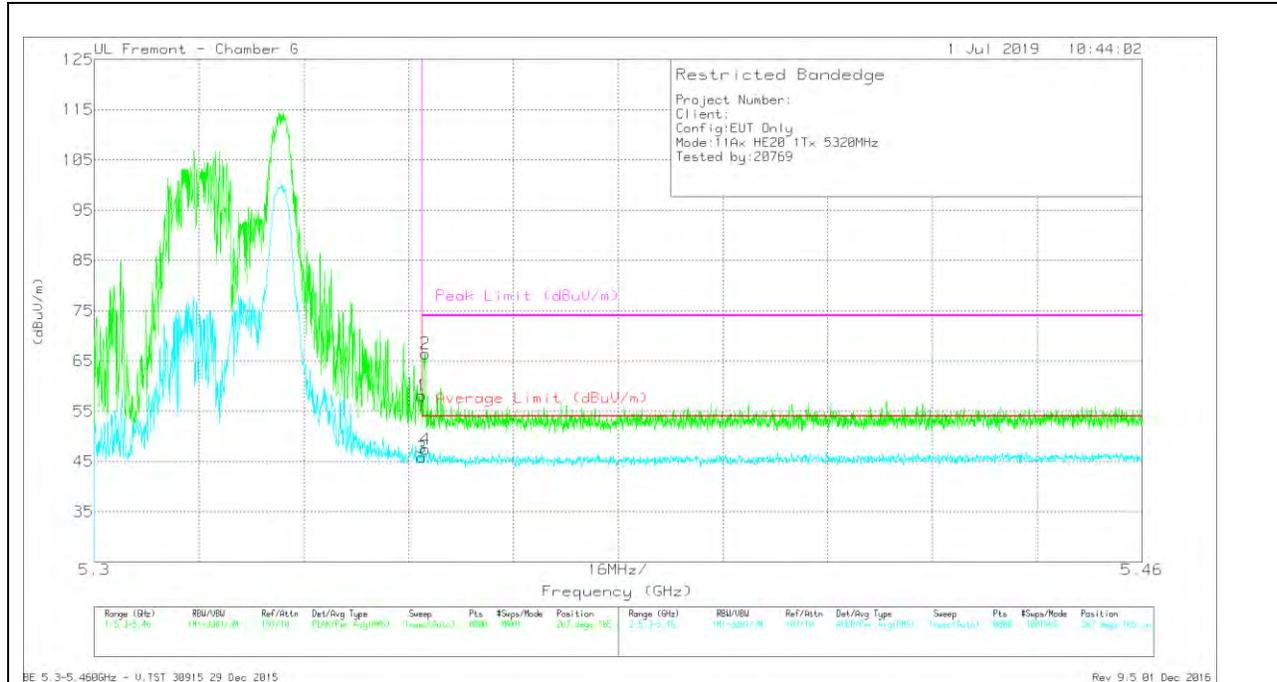
Pk - Peak detector

RMS - RMS detection

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**VERTICAL RESULT**



Marker	Frequenc y (GHz)	Meter Reading (dBuV)	Det	AF T120 (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	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

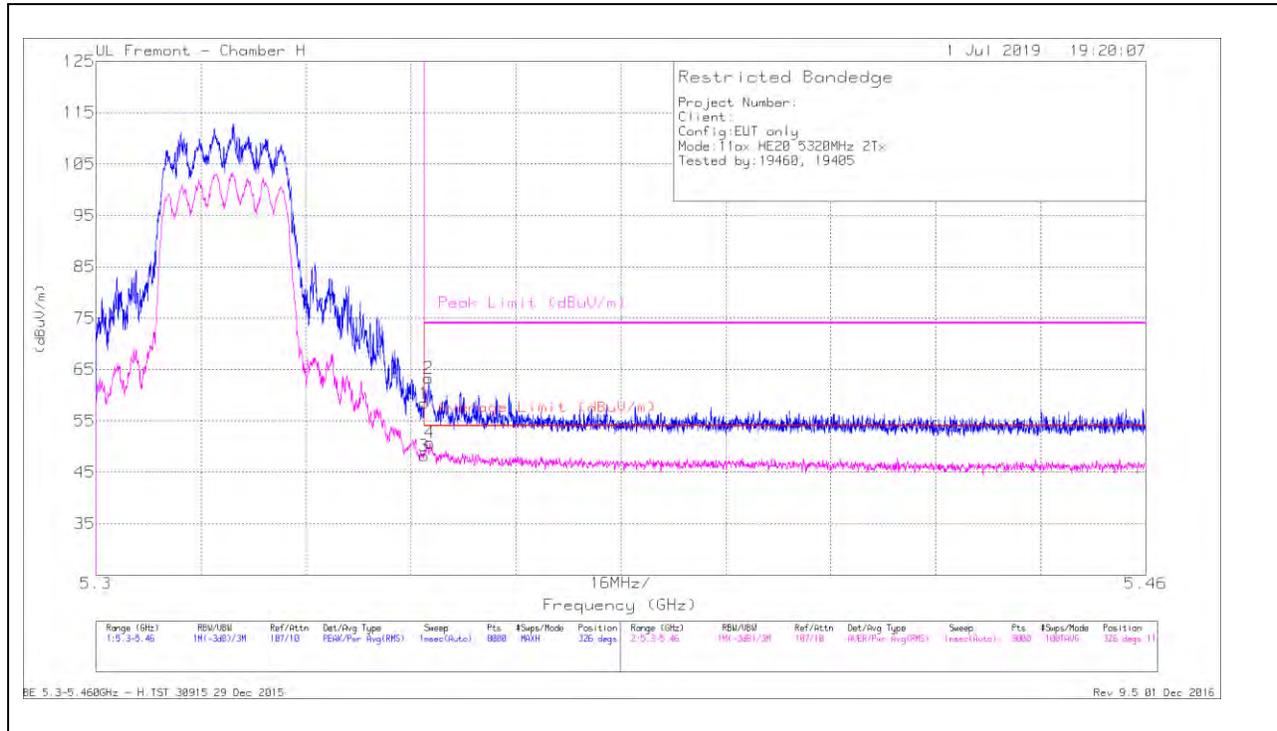
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**2TX Antenna 6 + Antenna 5 OFDMA MODE – 242 Tones, RU Index 61**

**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	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

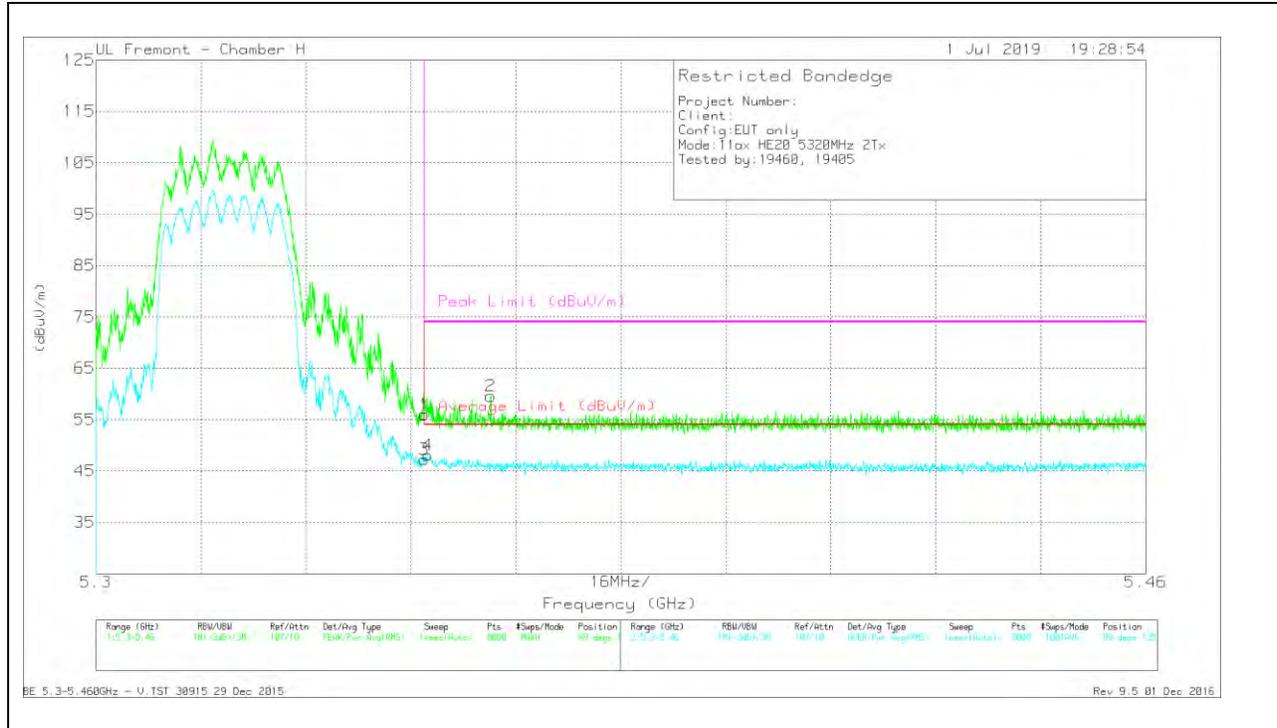
Pk - Peak detector

RMS - RMS detection

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

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**VERTICAL RESULT**



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T863 (dB/m)	Amp/Cbi/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	41.56	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

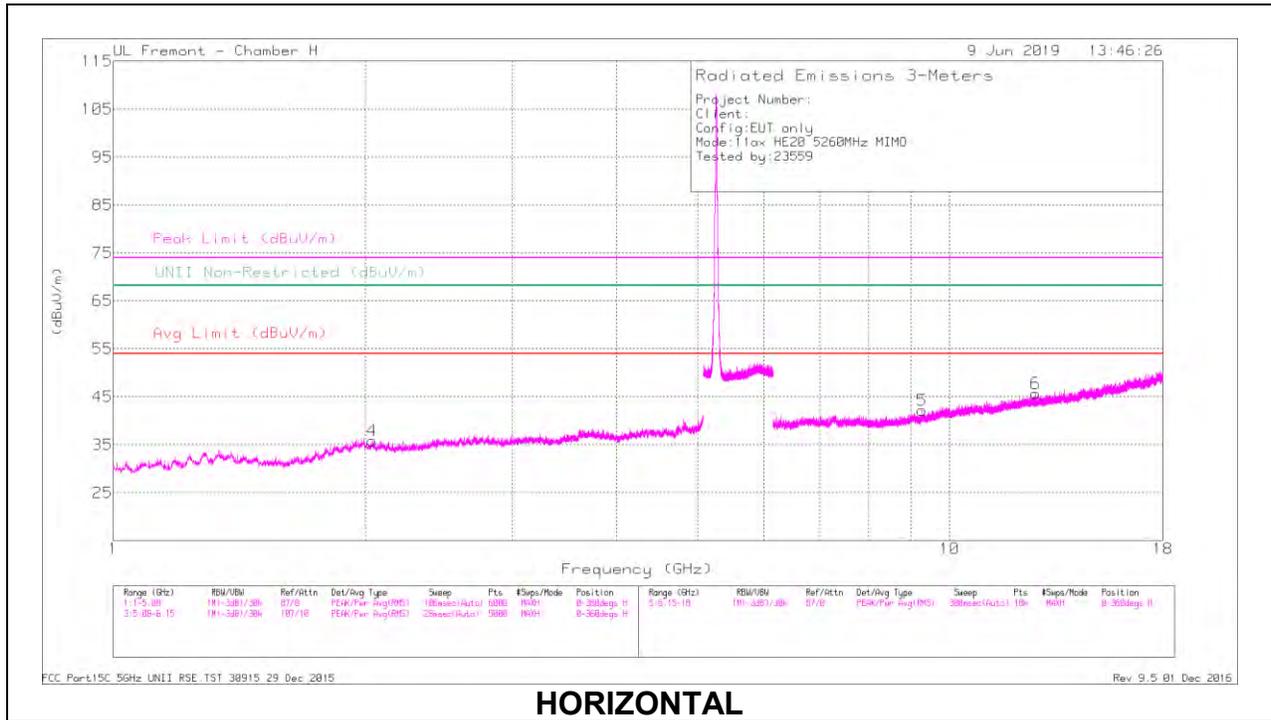
RMS - RMS detection

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

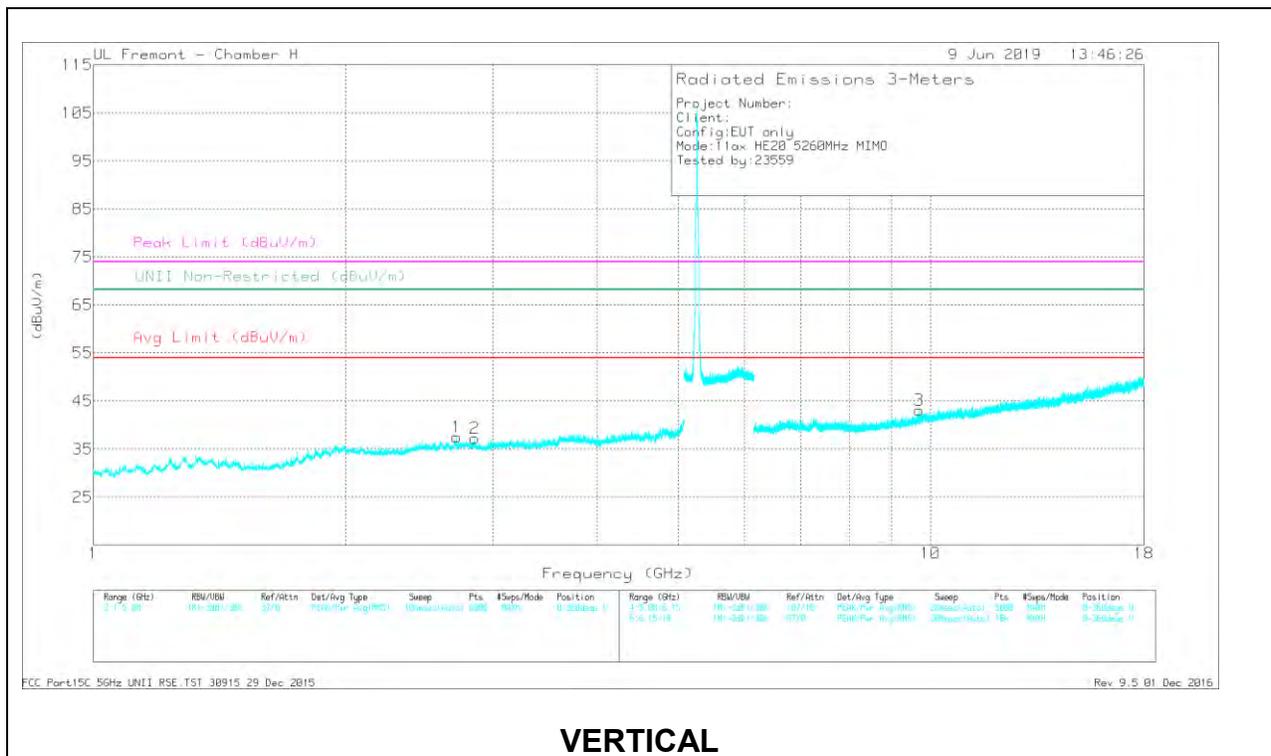
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**HARMONICS AND SPURIOUS EMISSIONS**

**LOW CHANNEL RESULTS**



**HORIZONTAL**



**VERTICAL**

**RADIATED EMISSIONS**

Markers	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T136 (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)	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  
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**RADIATED EMISSIONS**

Markers	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T136 (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)	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

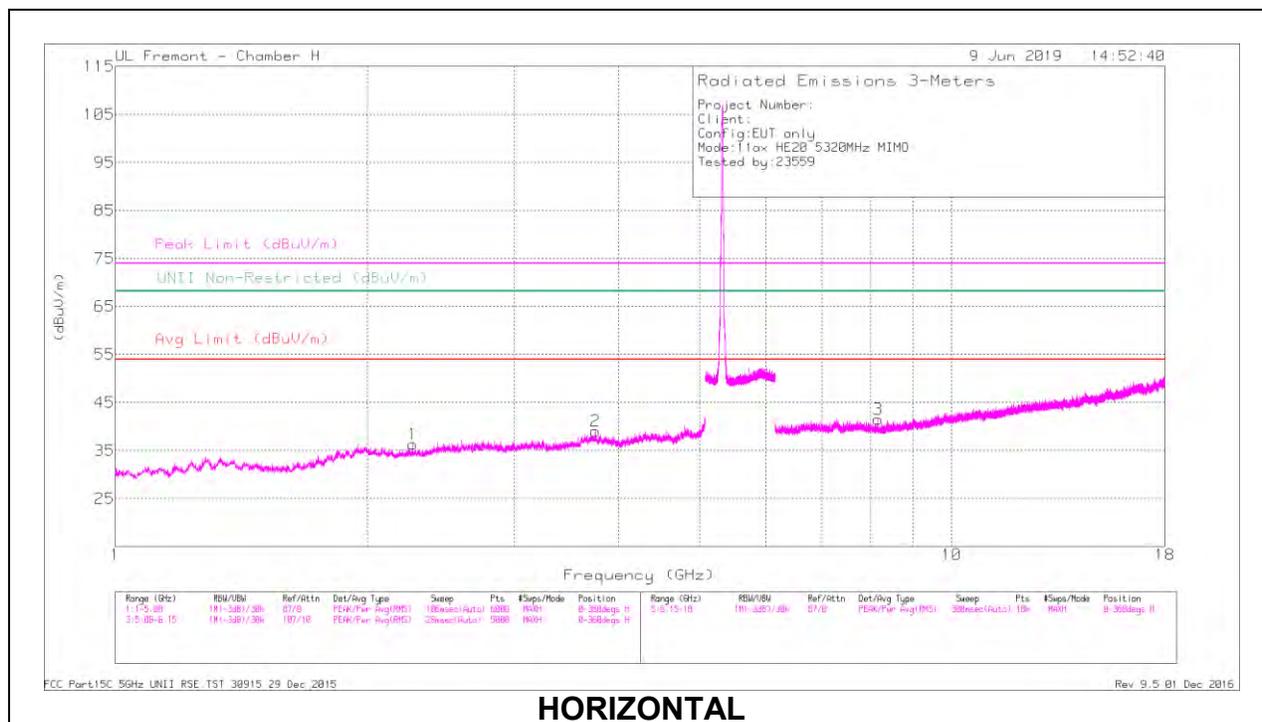
PK-U - U-NII: Maximum Peak

ADR - U-NII AD primary method, RMS average

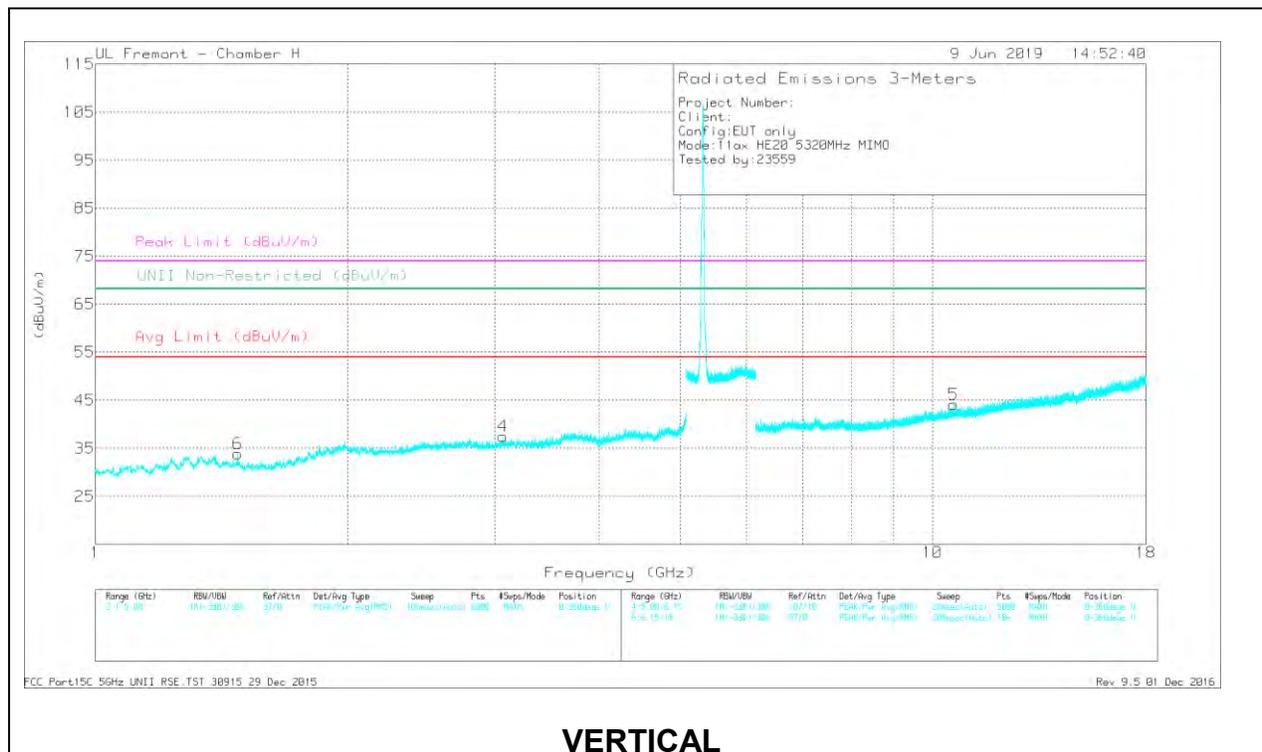
5.3\_11ax\_HE20\_5300\_2Tx\_Q95\_RU61 1729.DAT 30915 29 Dec 2015

Rev 9.5 01 Dec 2016

### HIGH CHANNEL RESULTS



**HORIZONTAL**



**VERTICAL**

**RADIATED EMISSIONS**

Markers	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T136 (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)	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

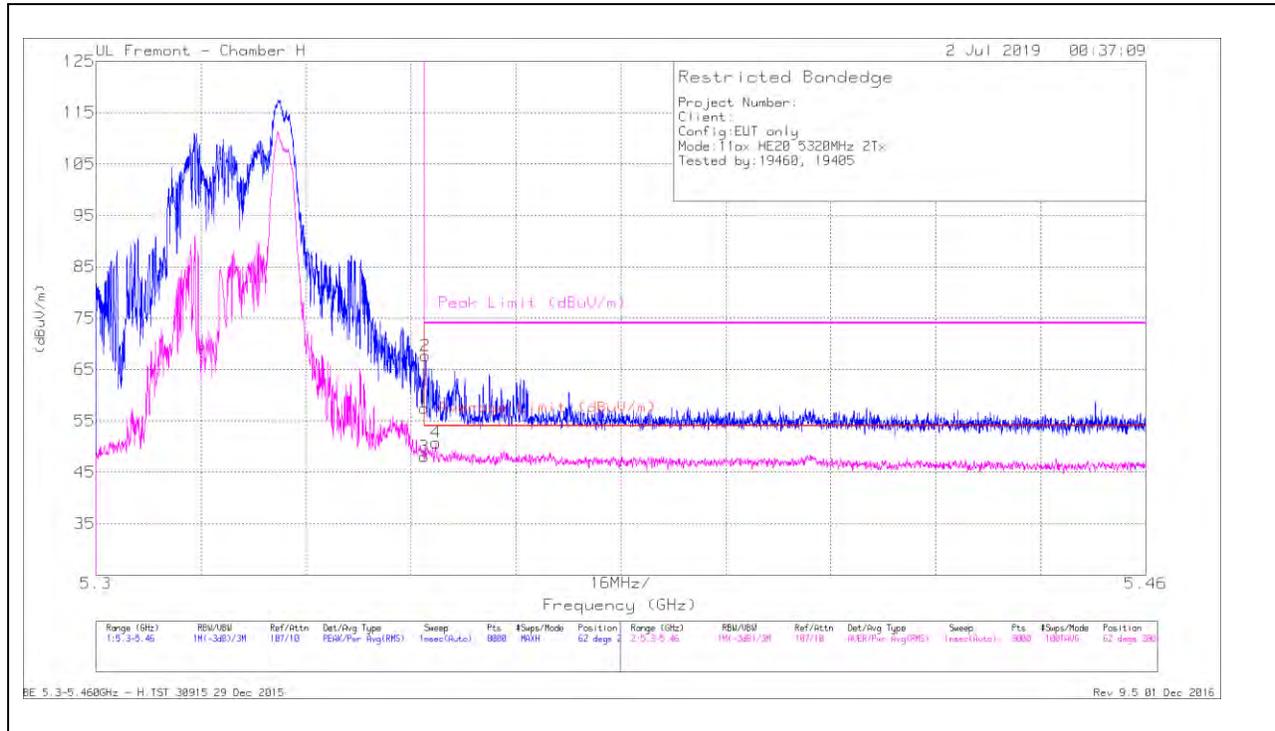
FCC Part15C 5GHz UNII RSE.TST 30915 29 Dec 2015

Rev 9.5 01 Dec 2016

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

**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	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

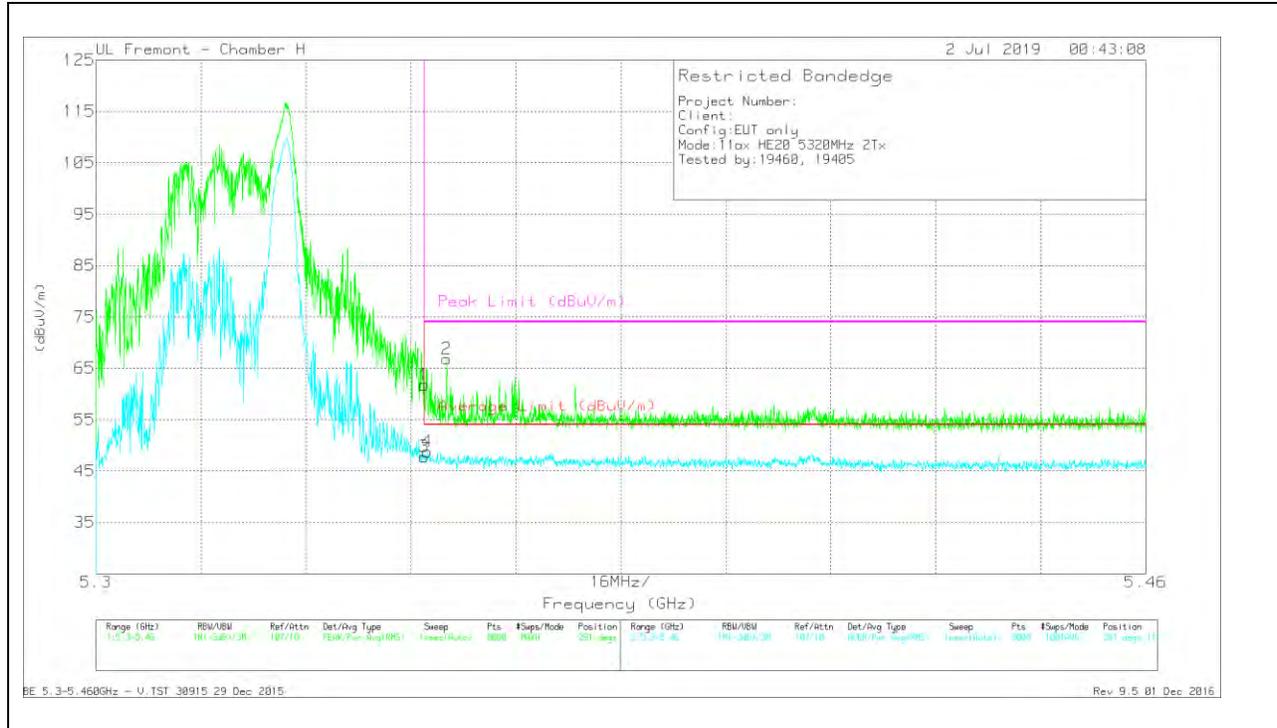
Pk - Peak detector

RMS - RMS detection

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

Rev 9.5 01 Dec 2016

**VERTICAL RESULT**



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T863 (dB/m)	Amp/Cbi/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	47.38	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

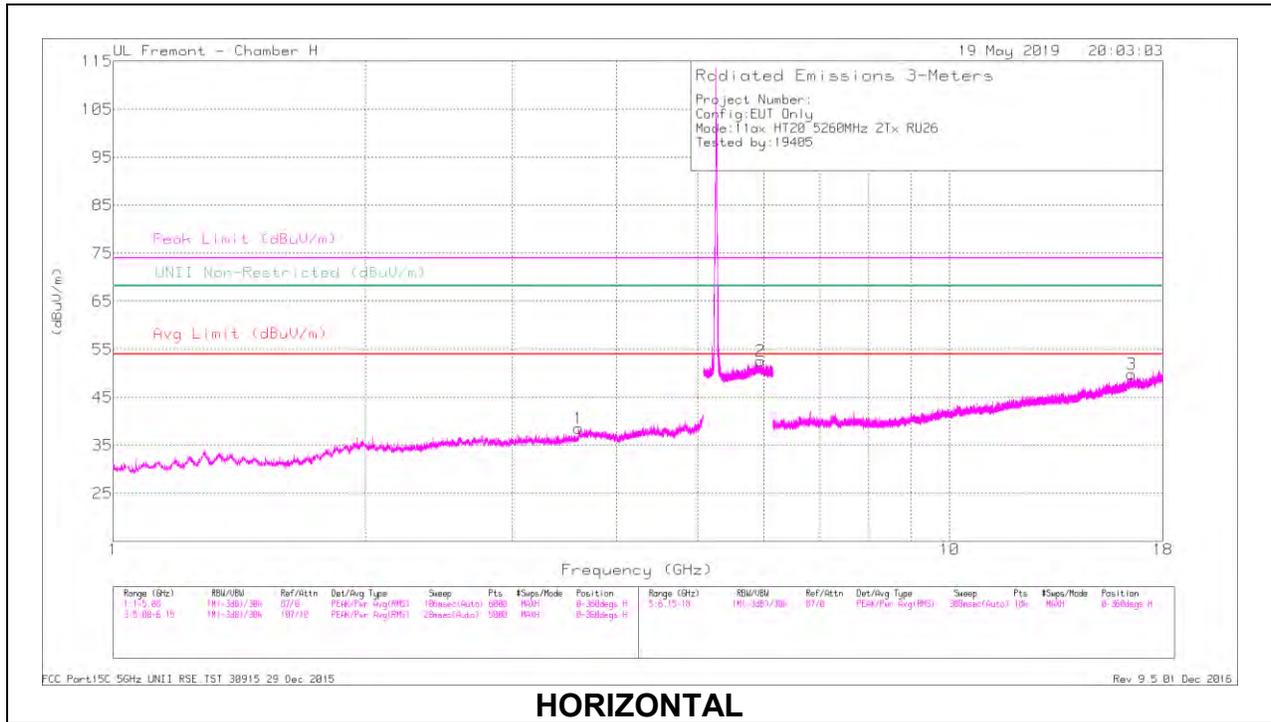
RMS - RMS detection

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

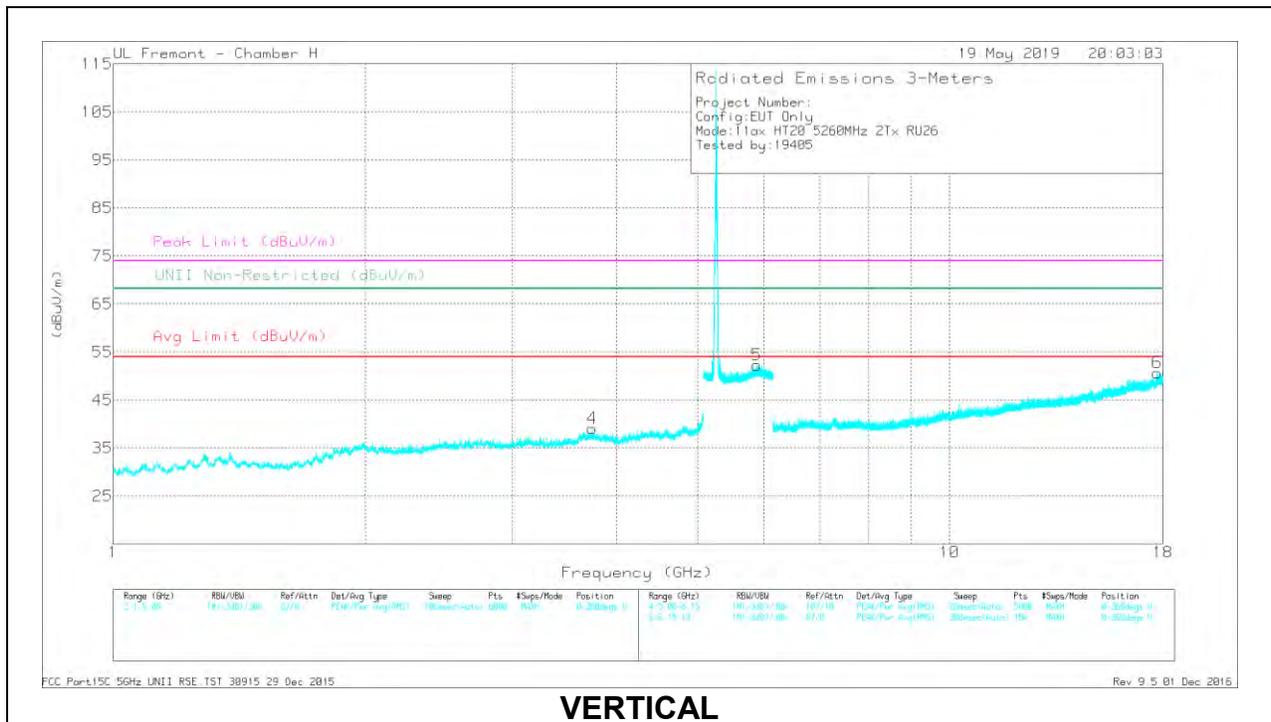
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**HARMONICS AND SPURIOUS EMISSIONS**

**LOW CHANNEL RESULTS**



**HORIZONTAL**



**VERTICAL**

**RADIATED EMISSIONS**

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T136 (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)	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

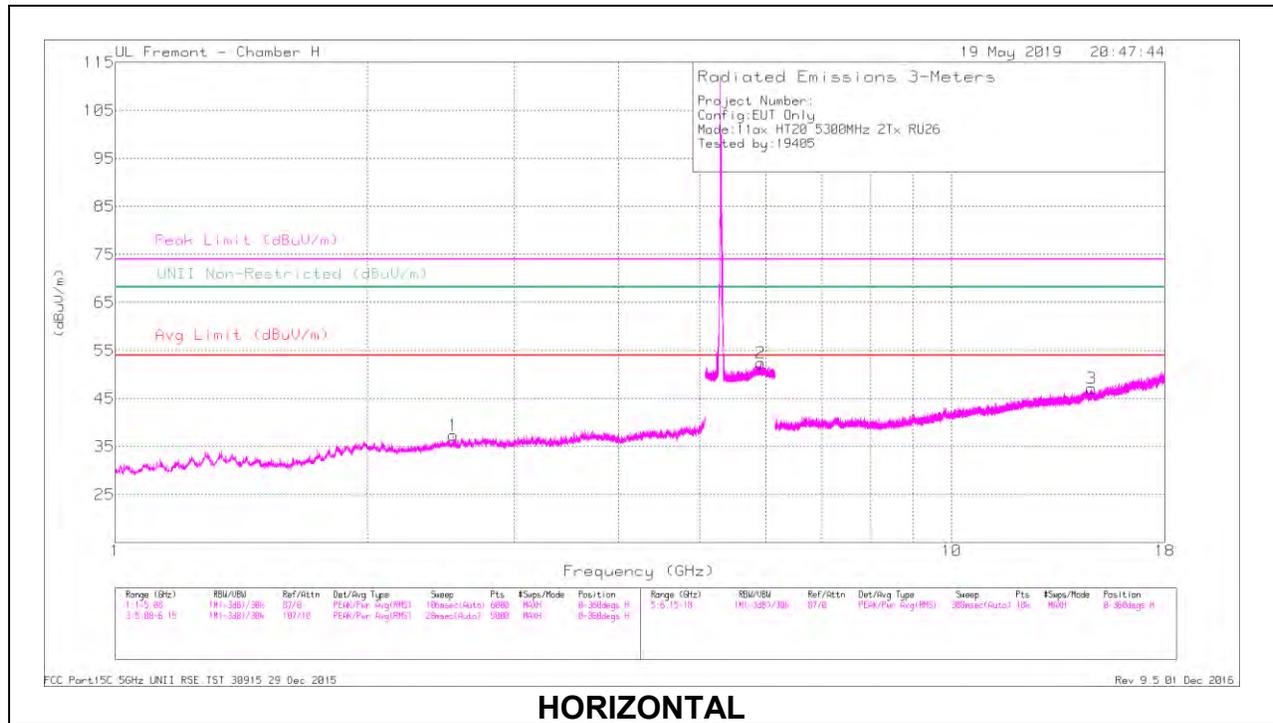
PK-U - U-NII: Maximum Peak

ADR - U-NII AD primary method, RMS average

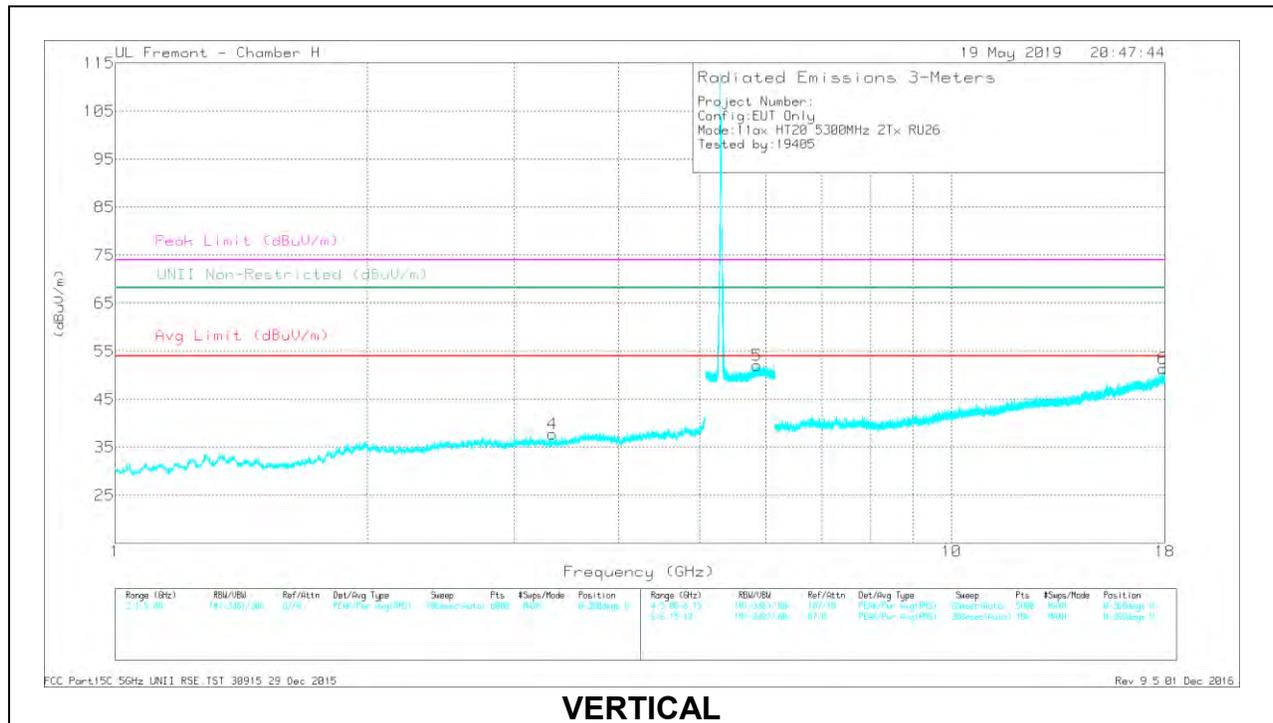
FCC Part15C 5GHz UNII RSE.TST 30915 29 Dec 2015

Rev 9.5 01 Dec 2016

### MID CHANNEL RESULTS



**HORIZONTAL**



**VERTICAL**

**RADIATED EMISSIONS**

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T136 (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)	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

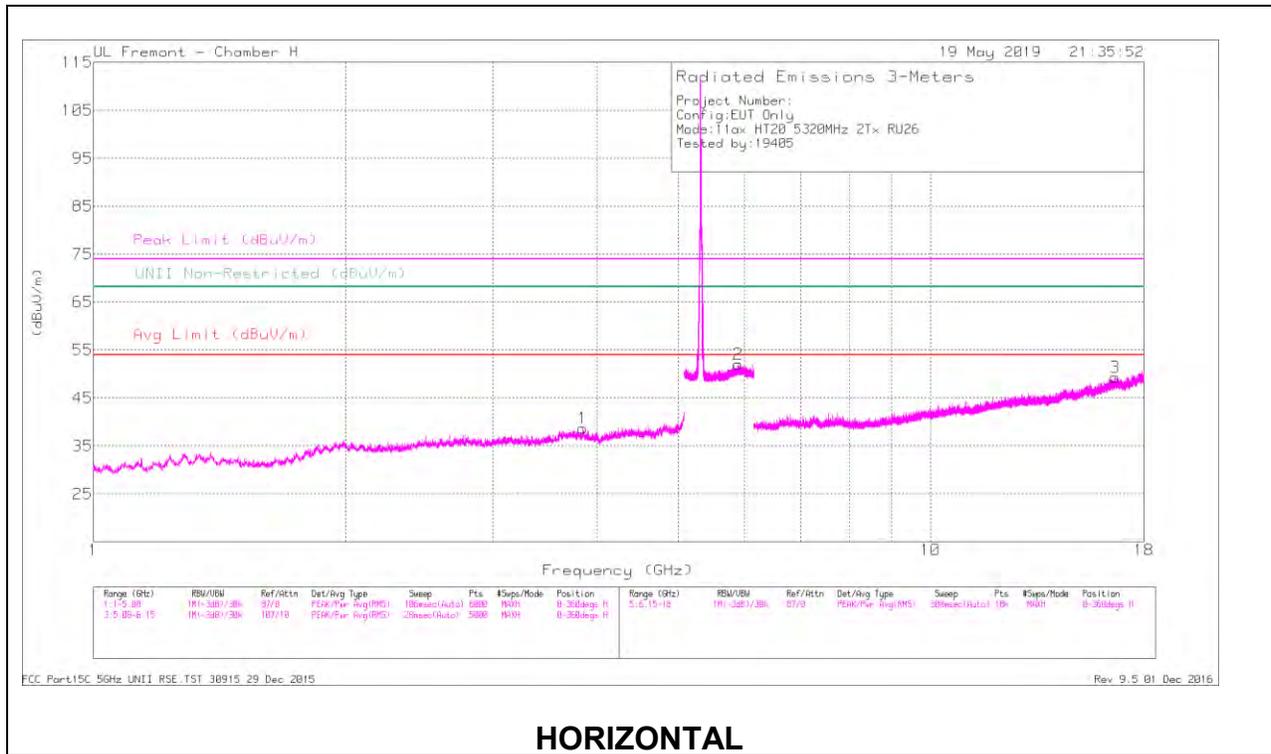
PK-U - U-NII: Maximum Peak

ADR - U-NII AD primary method, RMS average

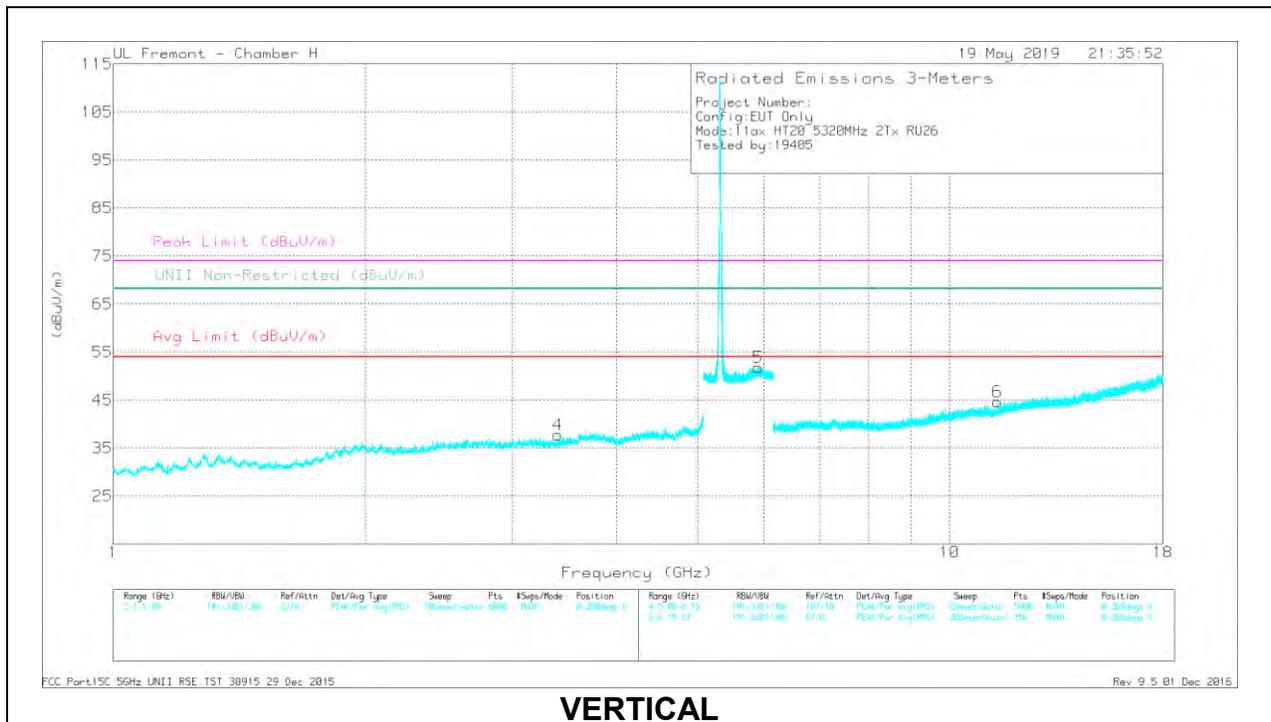
FCC Part15C 5GHz UNII RSE.TST 30915 29 Dec 2015

Rev 9.5 01 Dec 2016

### HIGH CHANNEL RESULTS



**HORIZONTAL**



**VERTICAL**

**RADIATED EMISSIONS**

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T136 (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)	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

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

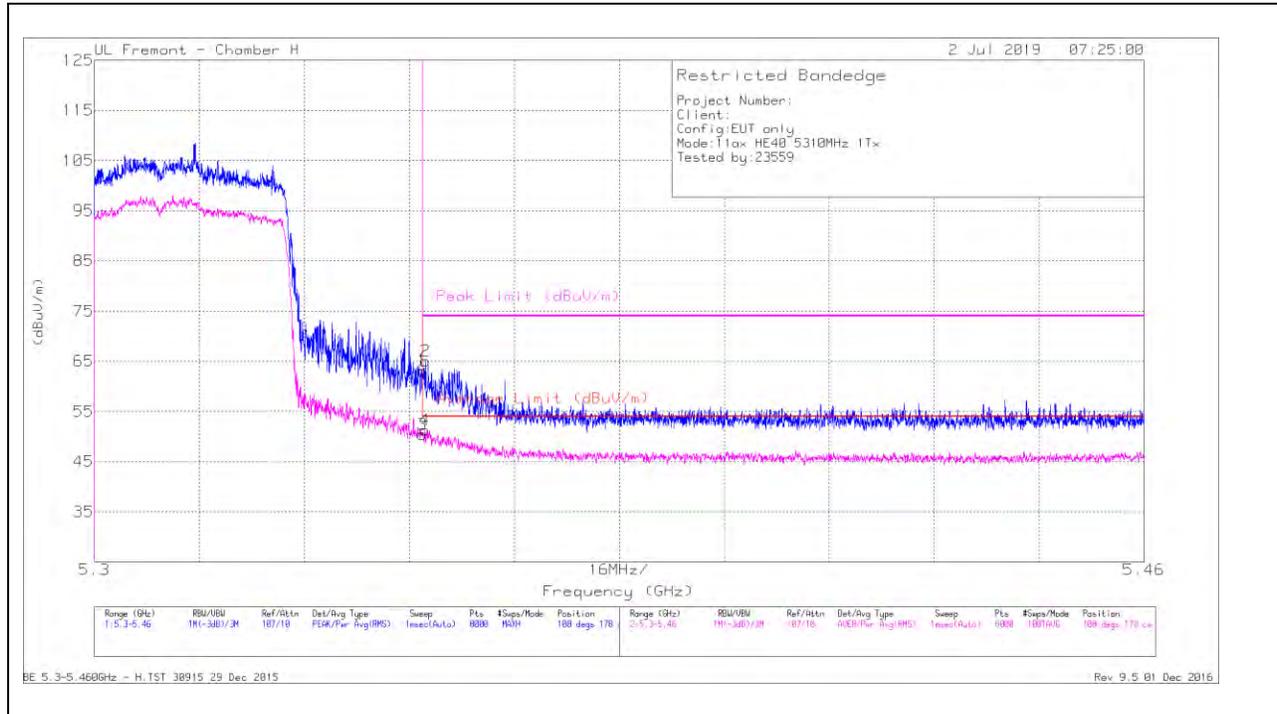
Rev 9.5 01 Dec 2016

**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	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	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

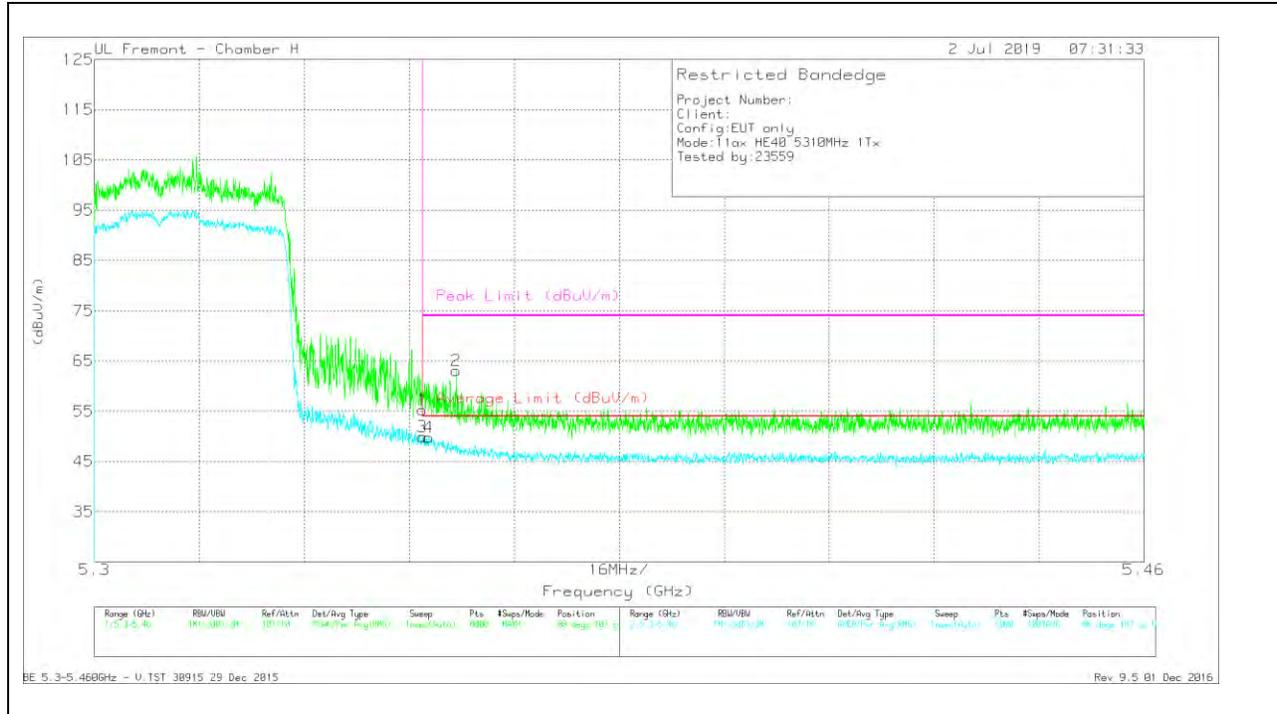
Pk - Peak detector

RMS - RMS detection

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

Rev 9.5 01 Dec 2016

### VERTICAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T863 (dB/m)	Amp/Cb1/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

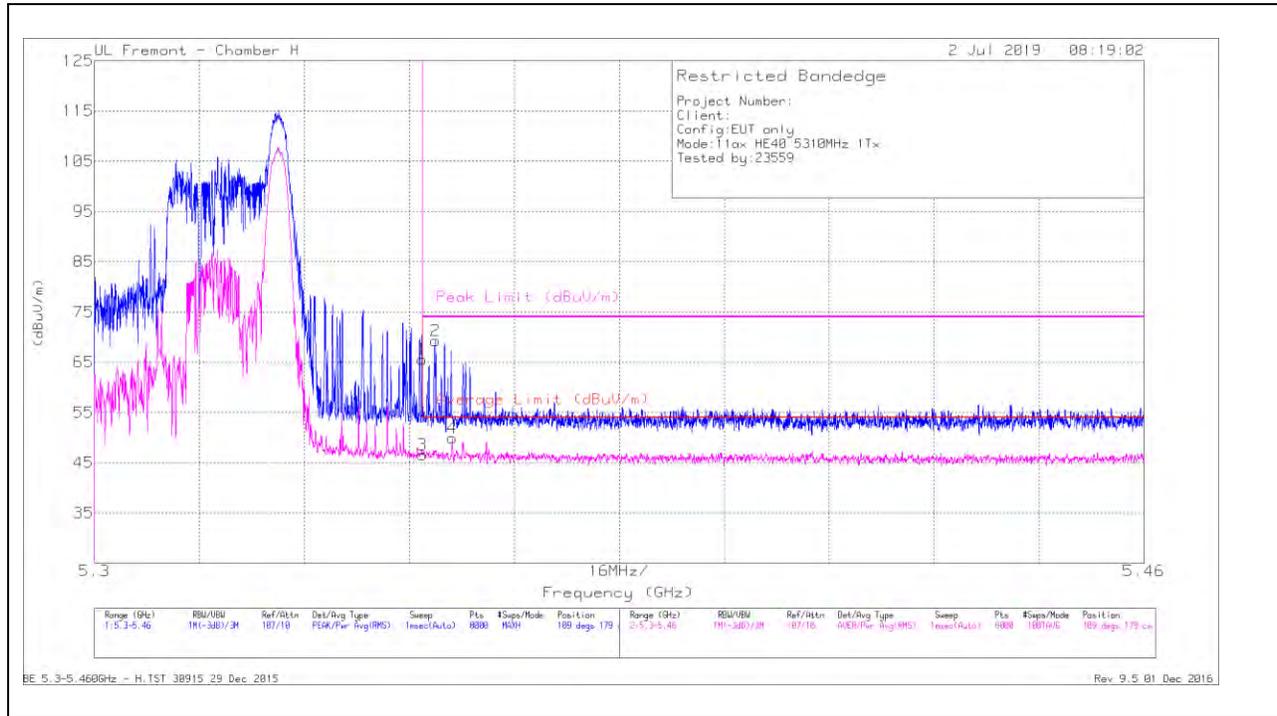
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**1TX Antenna 6 MODE – 26 Tones, RU Index 17**

**BANDEDGE (HIGH CHANNEL)**

**HORIZONTAL RESULT**



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T863 (dB/m)	Amp/Cbl/Filtr/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	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

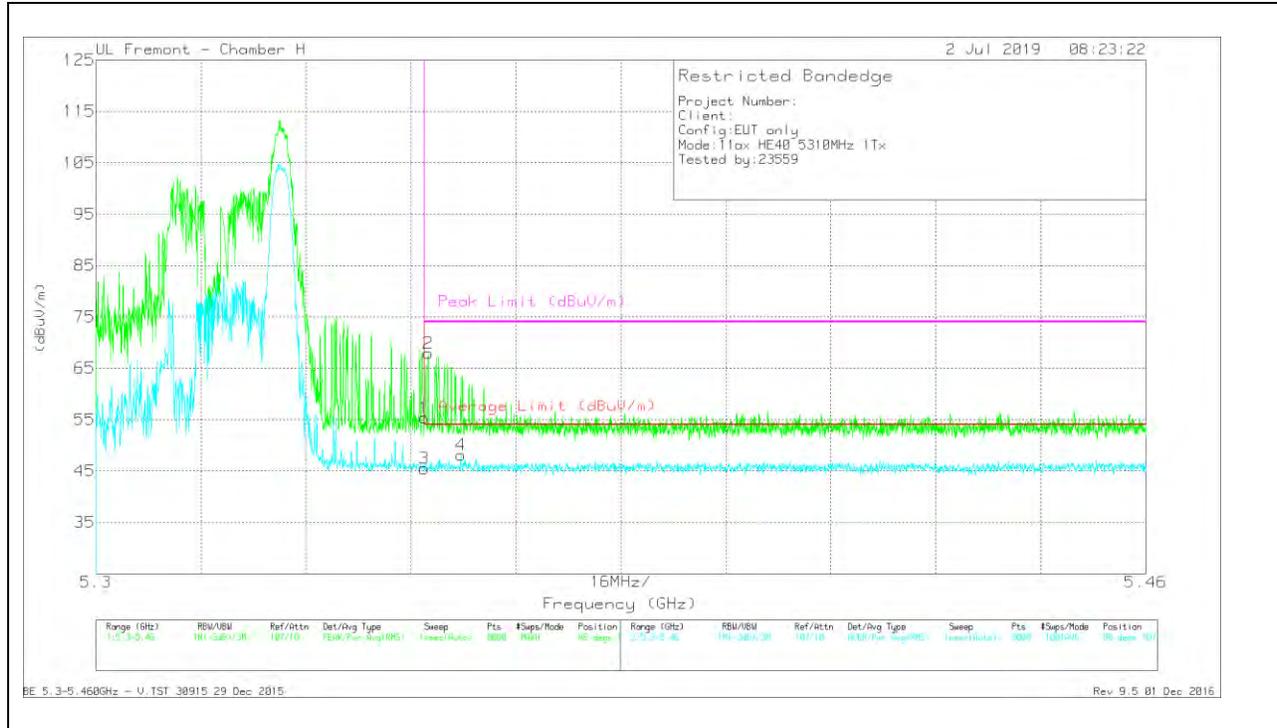
Pk - Peak detector

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/Cbi/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

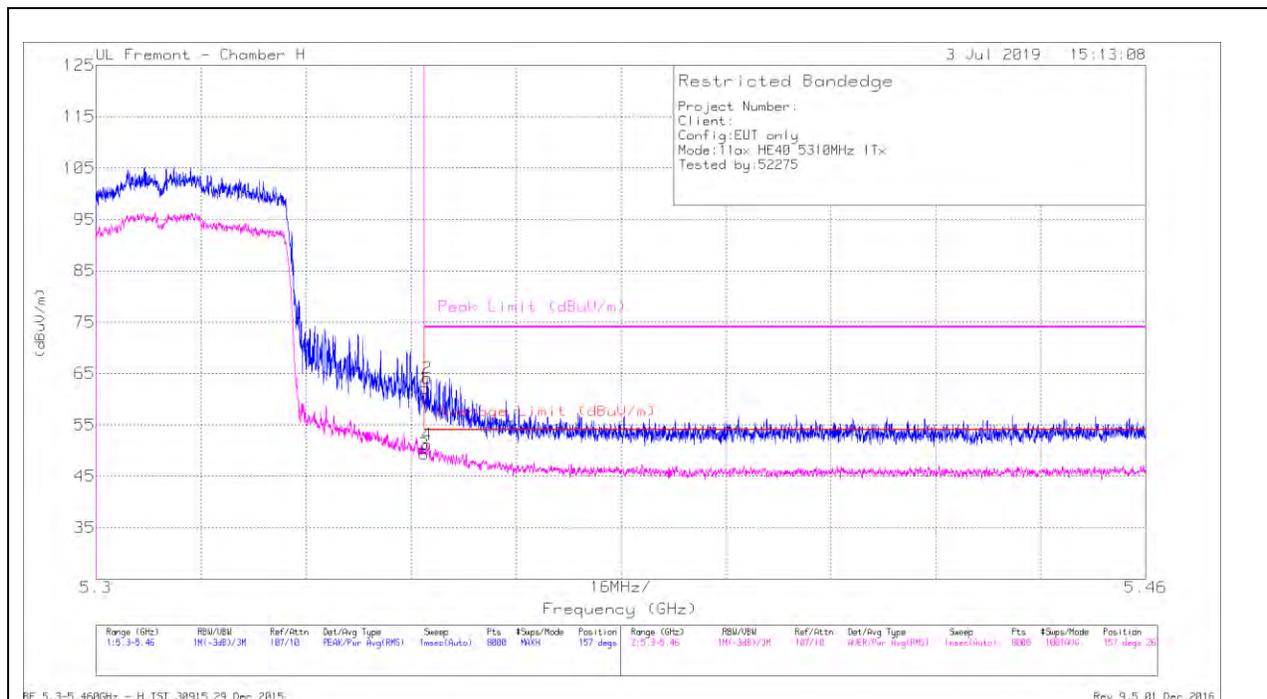
BE 5.3-5.460GHz - V.TST 30915 29 Dec 2015

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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

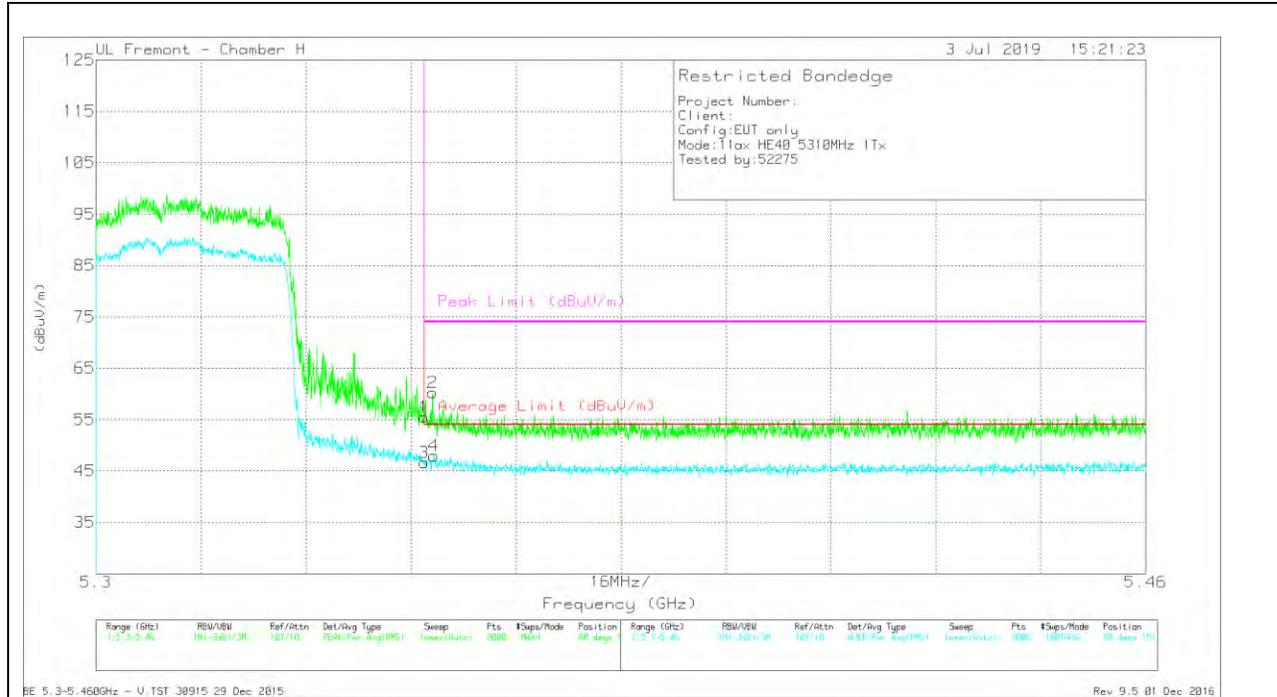
Pk - Peak detector

RMS - RMS detection

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

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	41.09	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

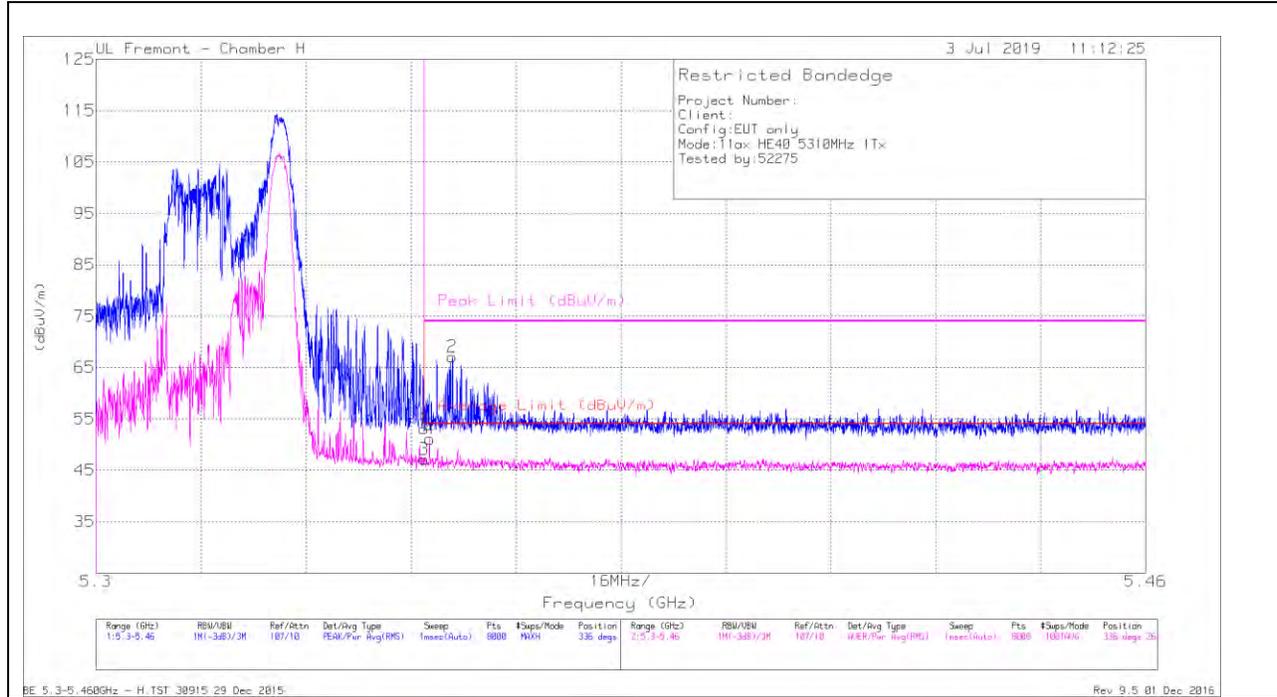
BE 5.3-5.460GHz - V.TST 30915 29 Dec 2015

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

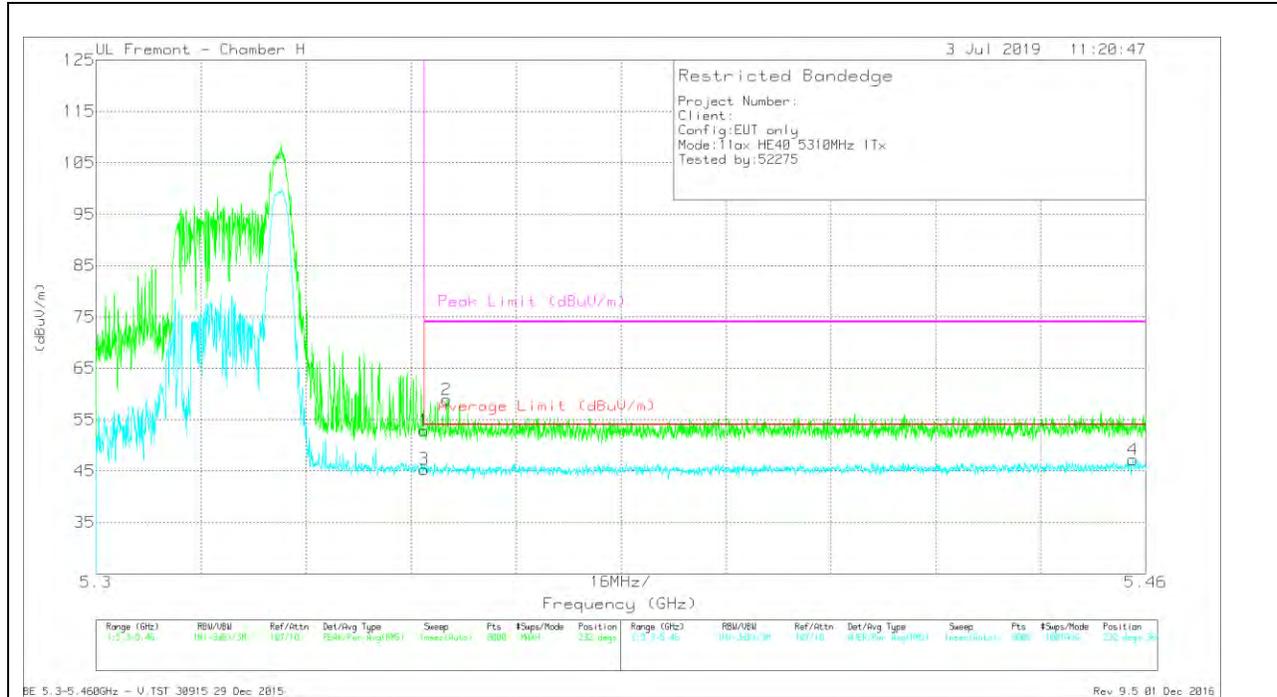
Pk - Peak detector

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

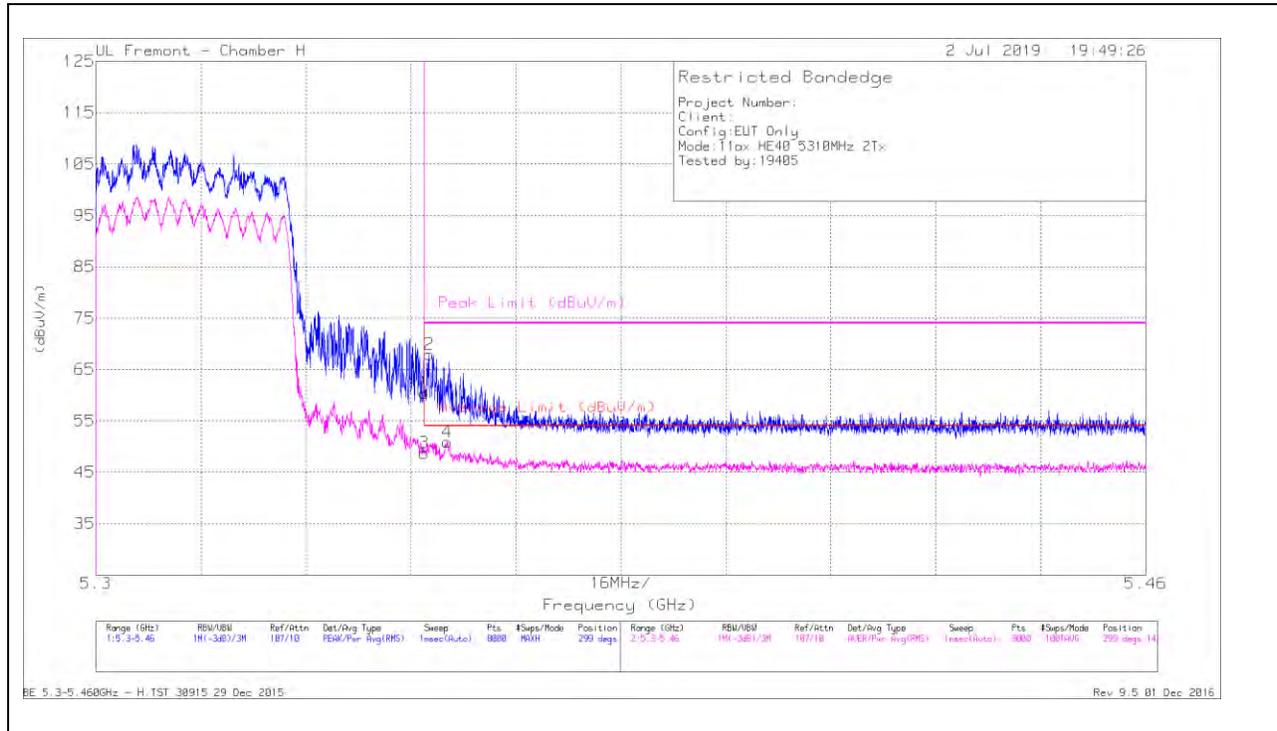
BE 5.3-5.460GHz - V.TST 30915 29 Dec 2015

Rev 9.5 01 Dec 2016

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

**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	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

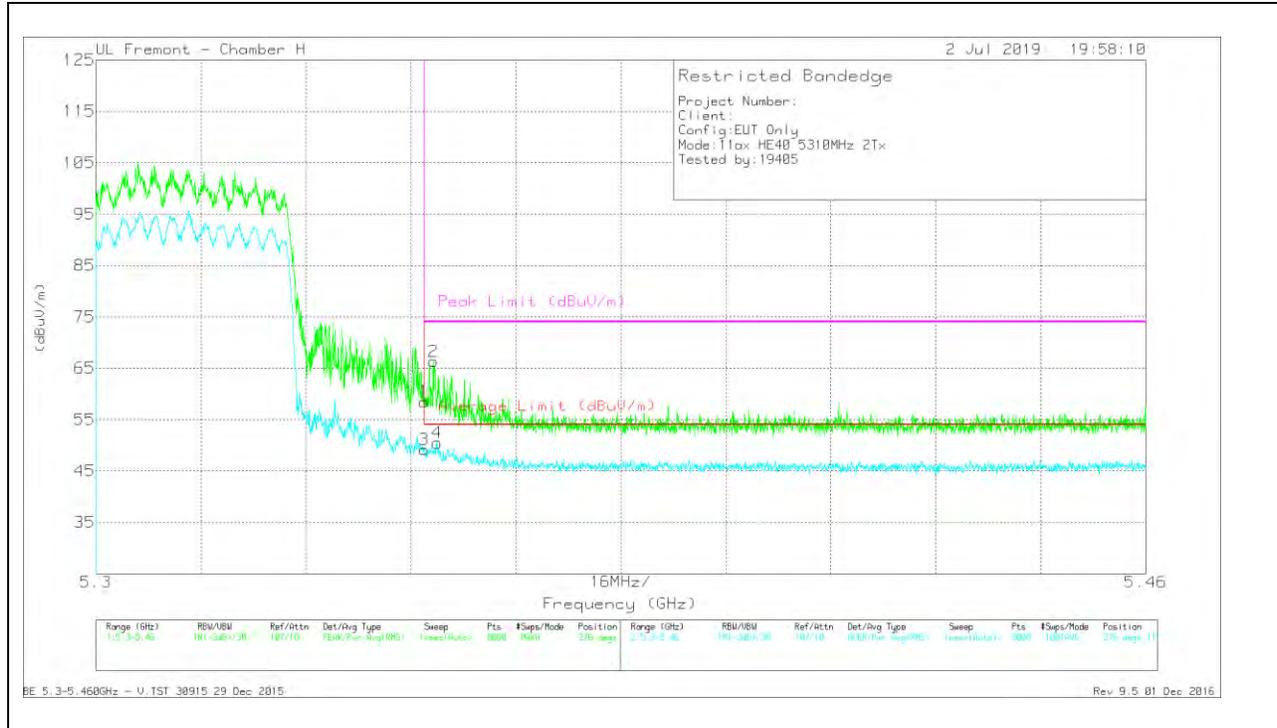
Pk - Peak detector

RMS - RMS detection

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

Rev 9.5 01 Dec 2016

**VERTICAL RESULT**



Marker	Frequenc y (GHz)	Meter Reading (dBuV)	Det	AF T863 (dB/m)	Amp/Cbi/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	44.07	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

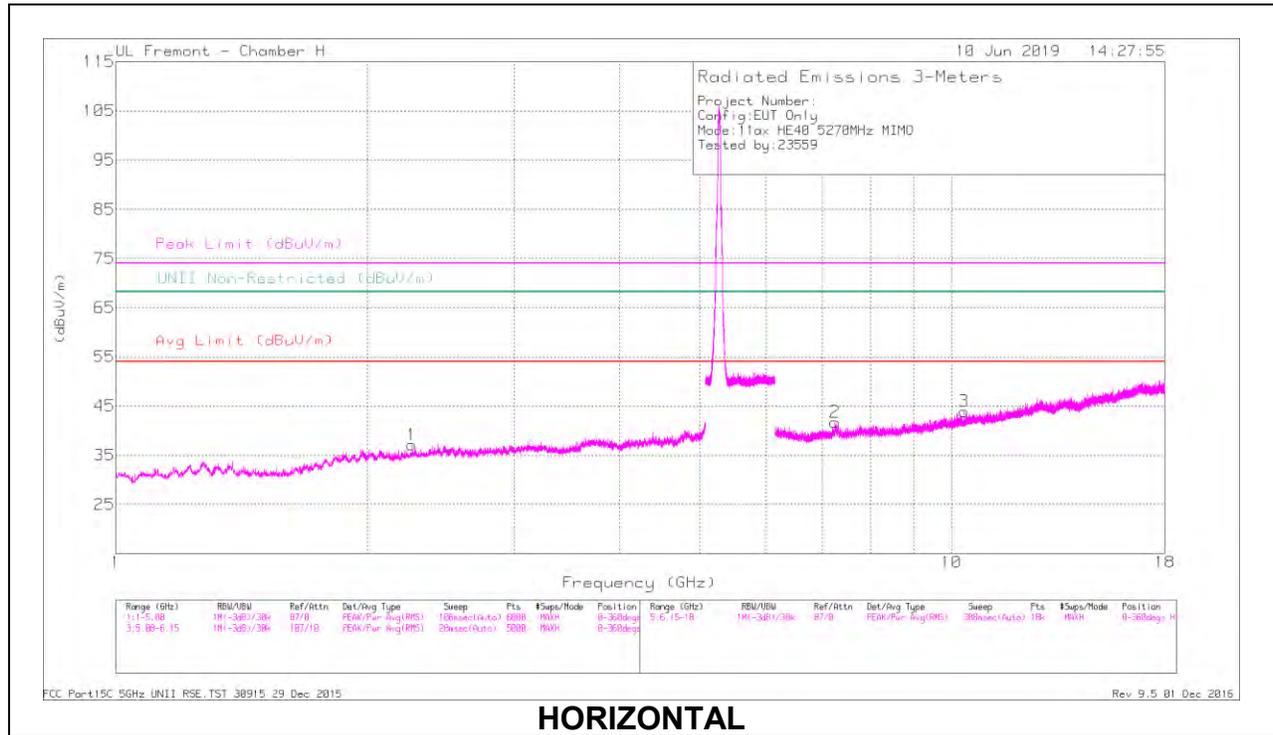
RMS - RMS detection

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

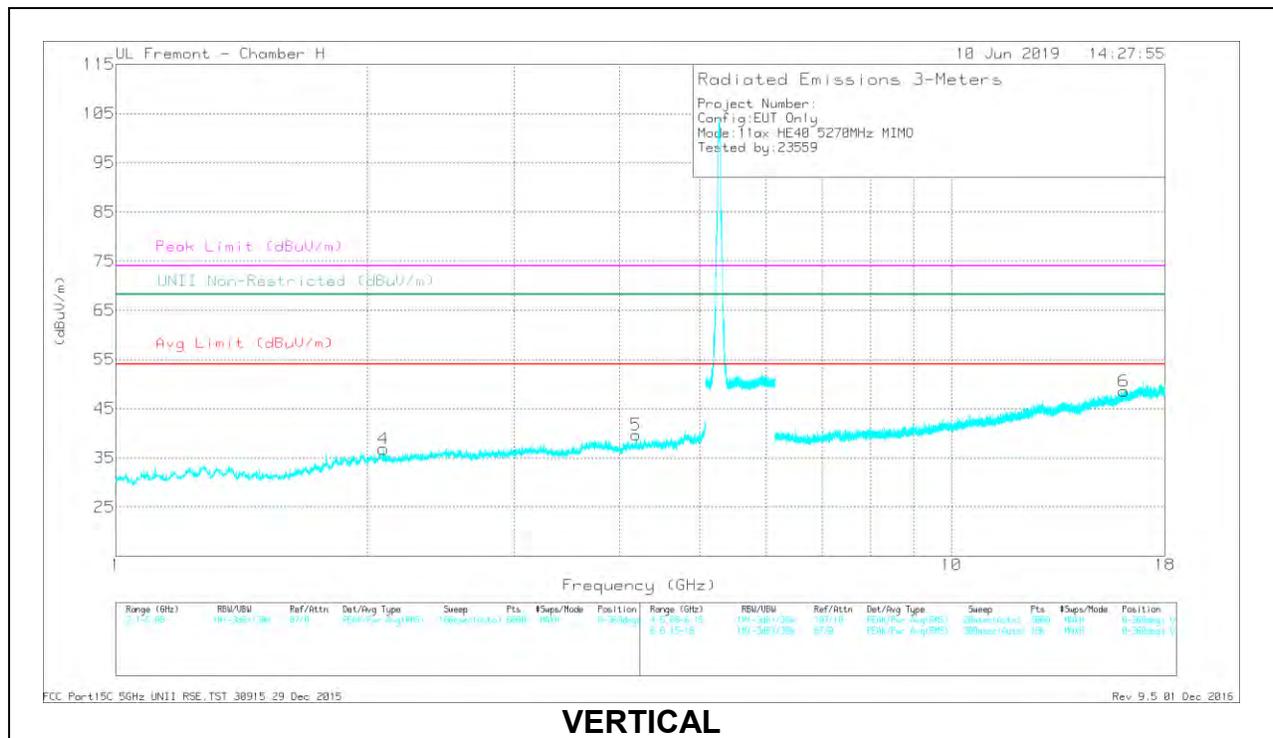
Rev 9.5 01 Dec 2016

**HARMONICS AND SPURIOUS EMISSIONS**

**LOW CHANNEL RESULTS**



**HORIZONTAL**



**VERTICAL**

**RADIATED EMISSIONS**

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T863 (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)	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

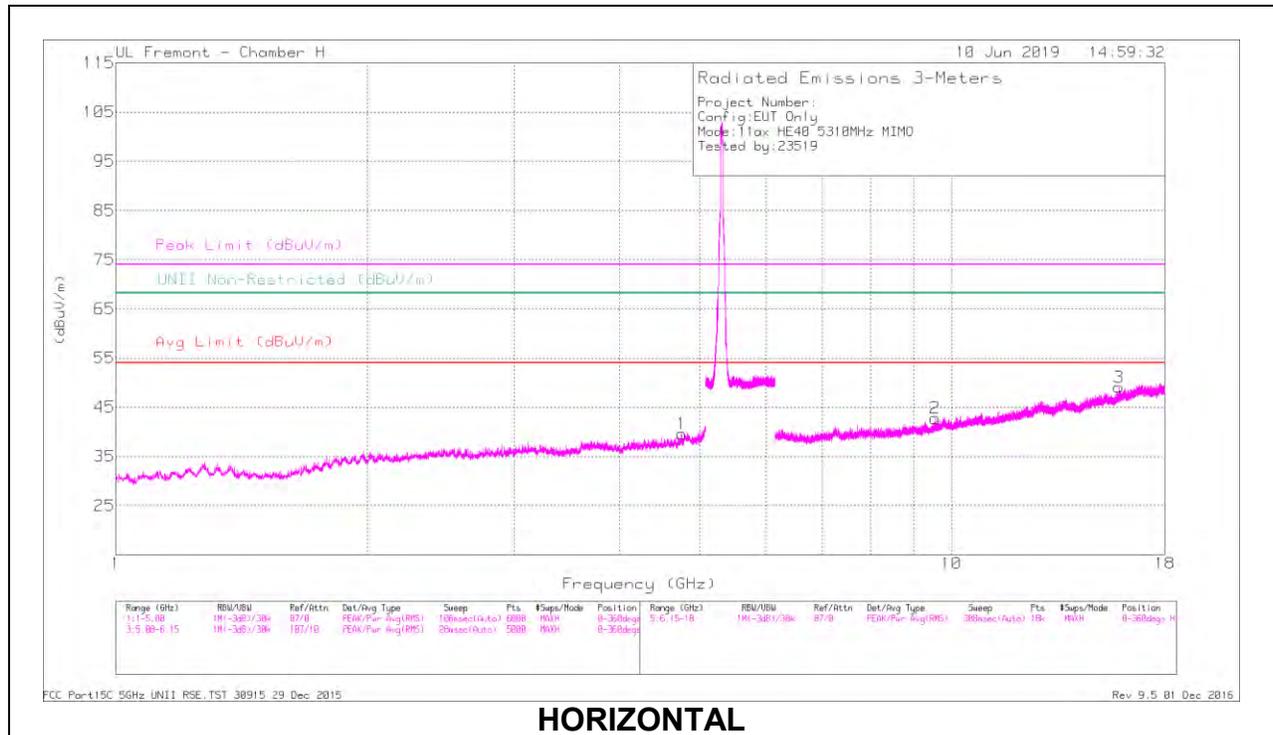
PK-U - U-NII: Maximum Peak

ADR - U-NII AD primary method, RMS average

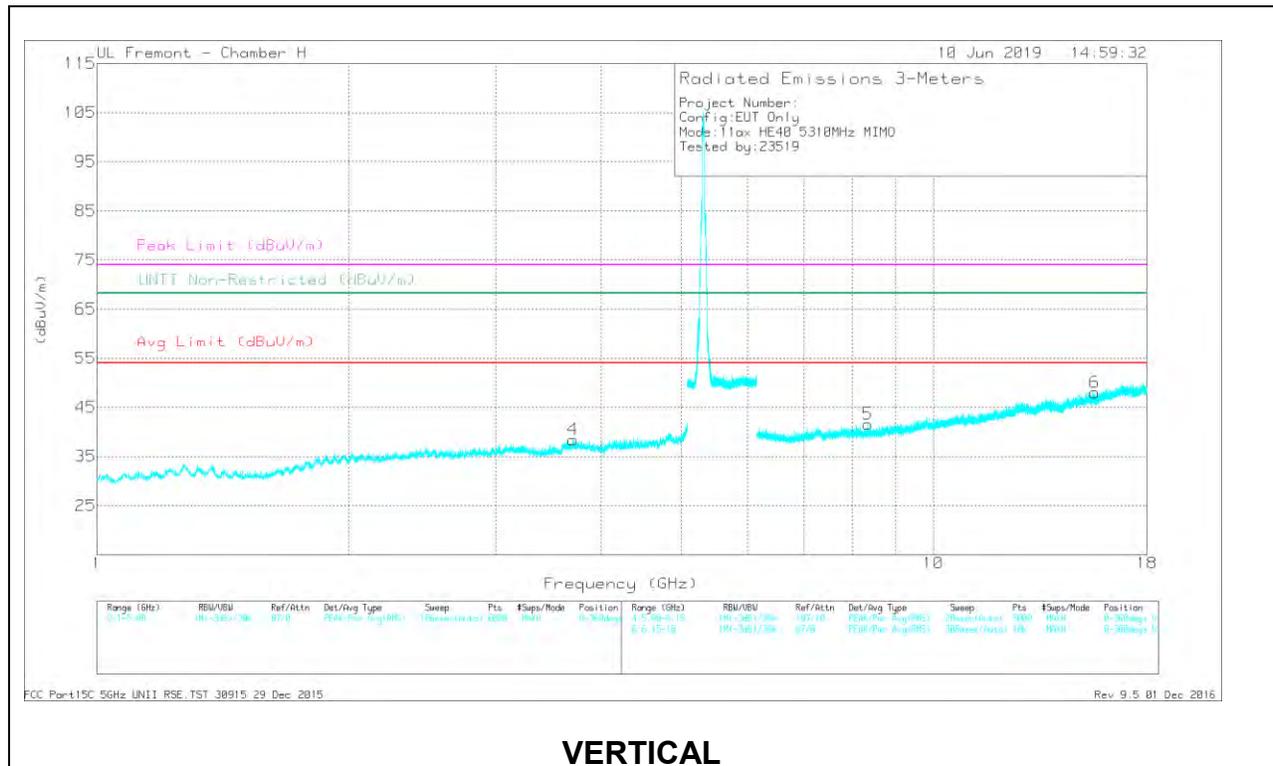
FCC Part15C 5GHz UNII RSE.TST 30915 29 Dec 2015

Rev 9.5 01 Dec 2016

### HIGH CHANNEL RESULTS



**HORIZONTAL**



**VERTICAL**

**RADIATED EMISSIONS**

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T863 (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)	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

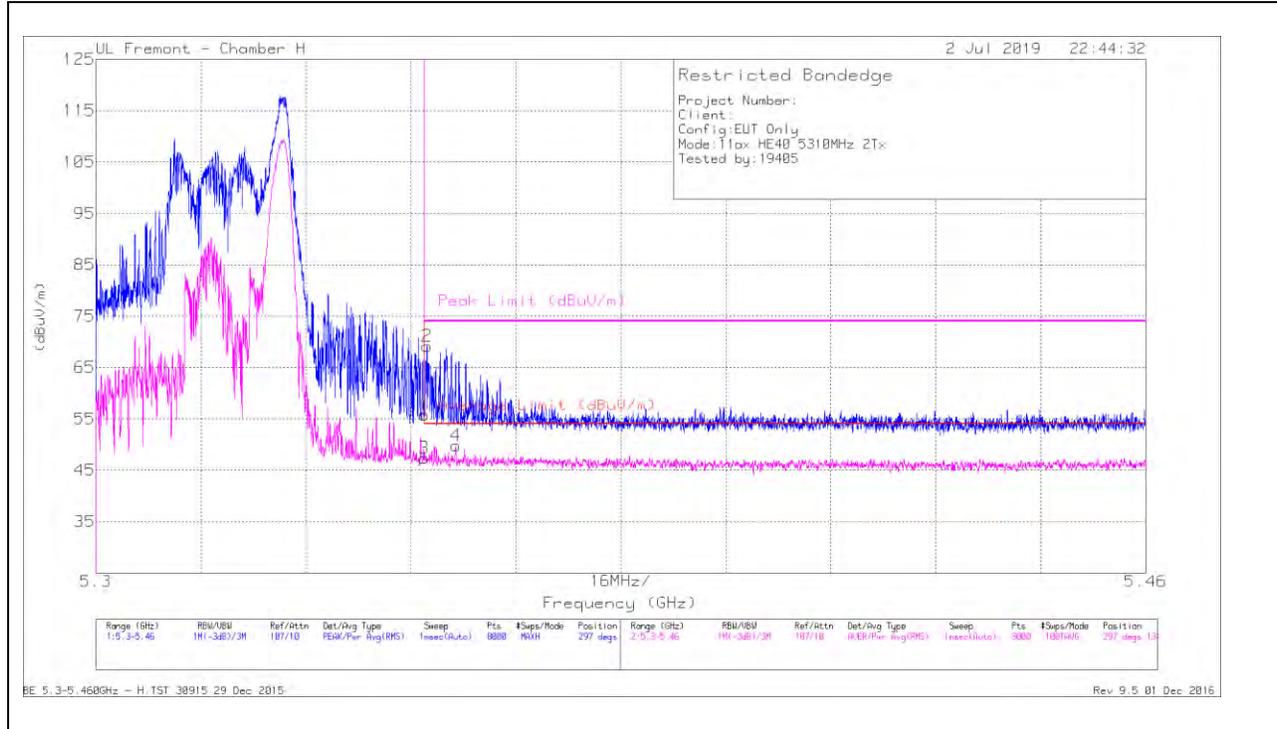
FCC Part15C 5GHz UNII RSE.TST 30915 29 Dec 2015

Rev 9.5 01 Dec 2016

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

**BANDEDGE (HIGH CHANNEL)**

**HORIZONTAL RESULT**



Marker	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	41.43	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

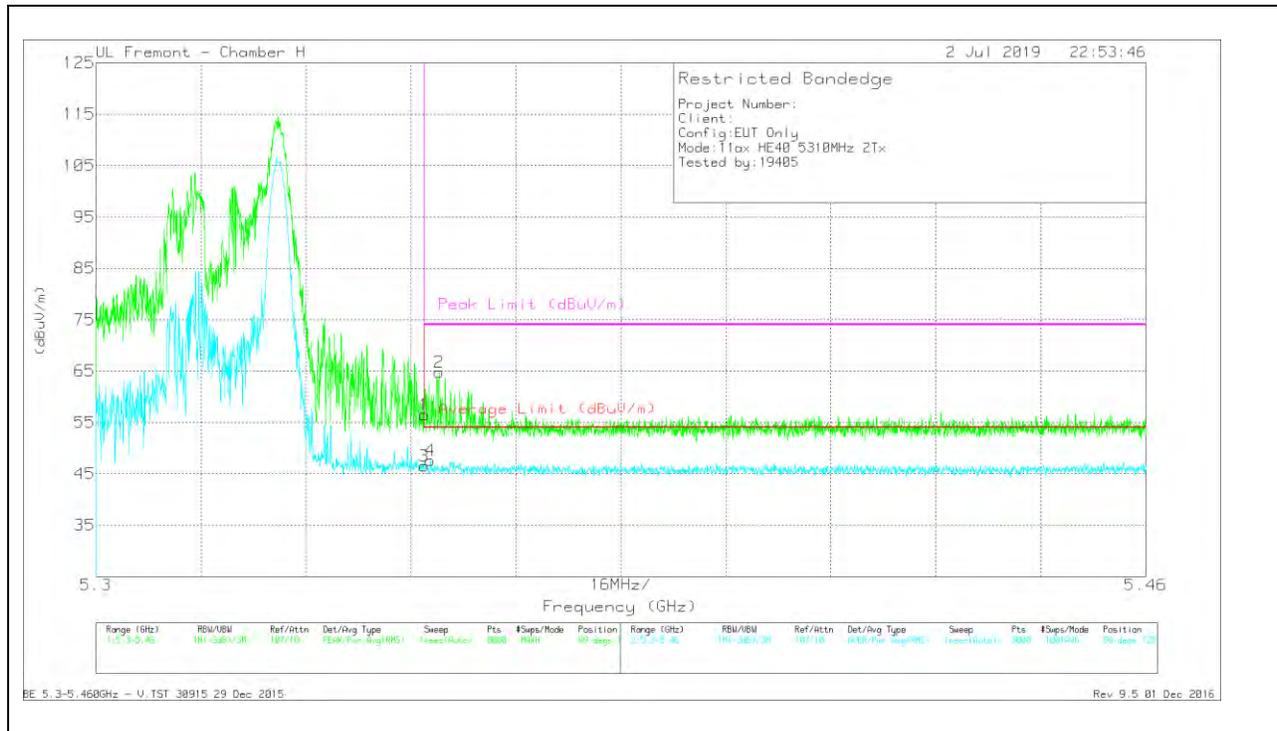
Pk - Peak detector

RMS - RMS detection

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

Rev 9.5 01 Dec 2016

### VERTICAL RESULT



Marker	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	42.08	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

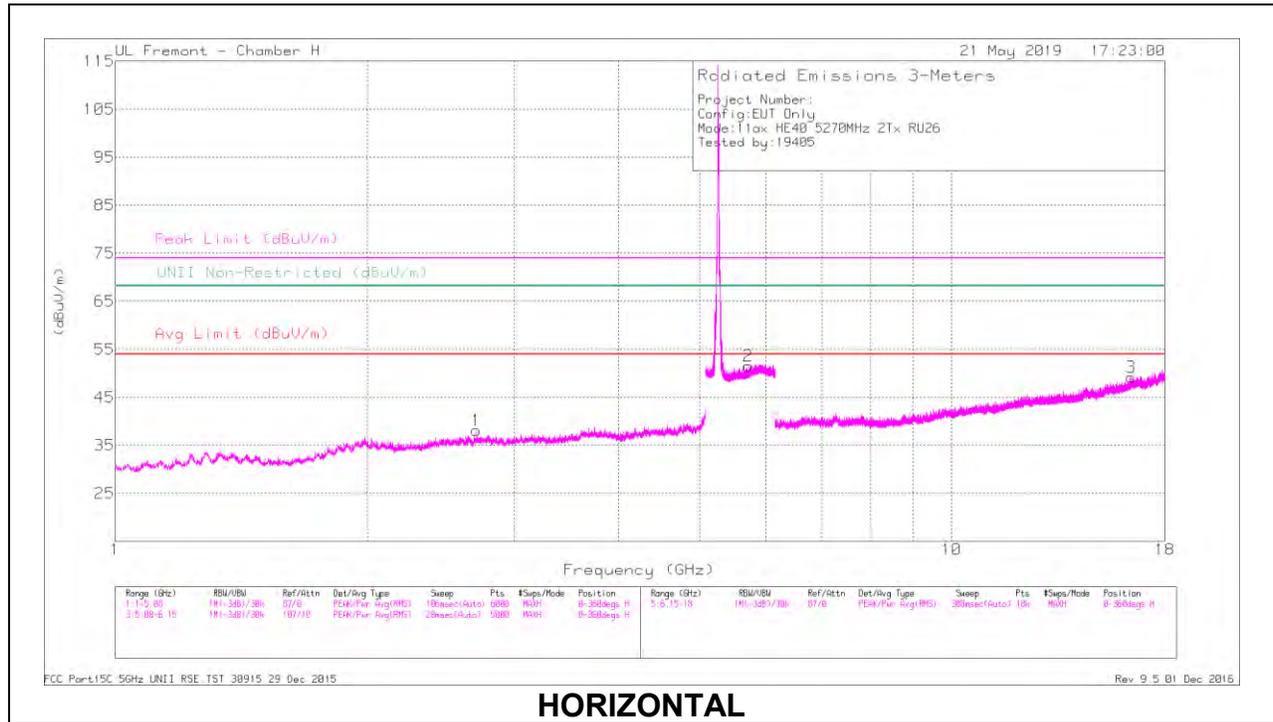
RMS - RMS detection

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

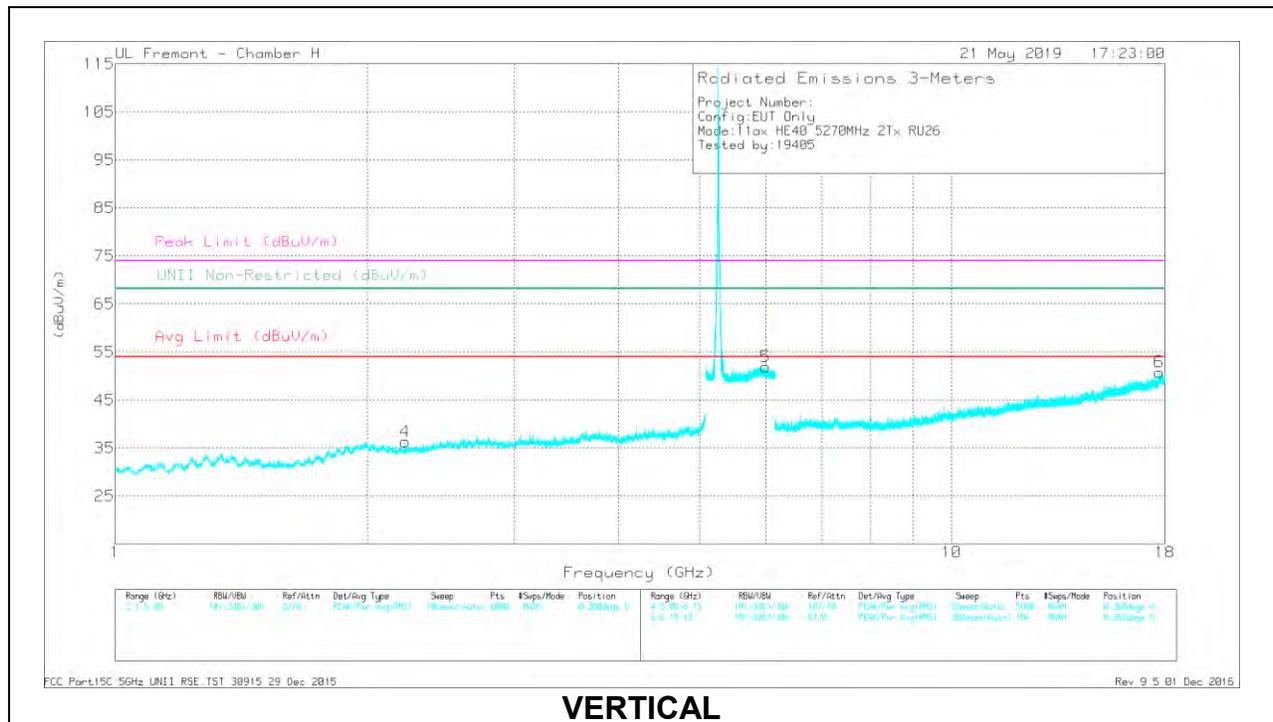
Rev 9.5 01 Dec 2016

**HARMONICS AND SPURIOUS EMISSIONS**

**LOW CHANNEL RESULTS**



**HORIZONTAL**



**VERTICAL**

**RADIATED EMISSIONS**

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T136 (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)	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

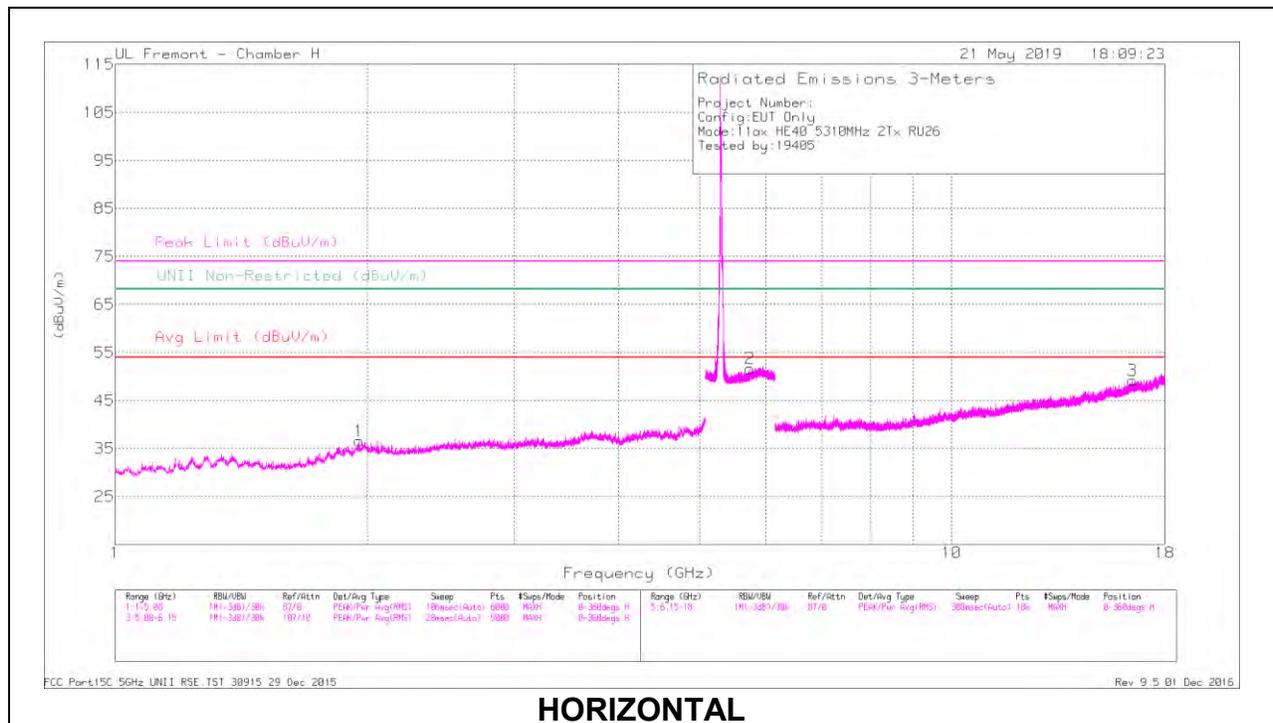
PK-U - U-NII: Maximum Peak

ADR - U-NII AD primary method, RMS average

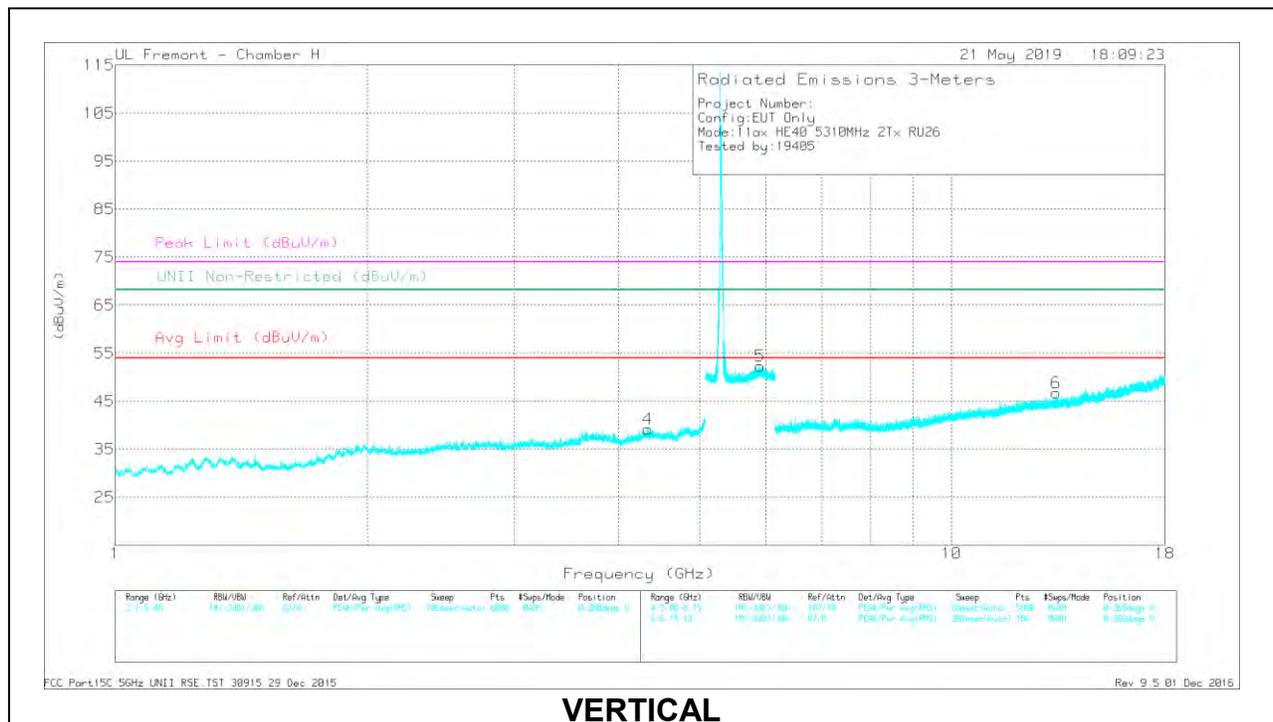
FCC Part15C 5GHz UNII RSE.TST 30915 29 Dec 2015

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### HIGH CHANNEL RESULTS



**HORIZONTAL**



**VERTICAL**

**RADIATED EMISSIONS**

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T136 (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)	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

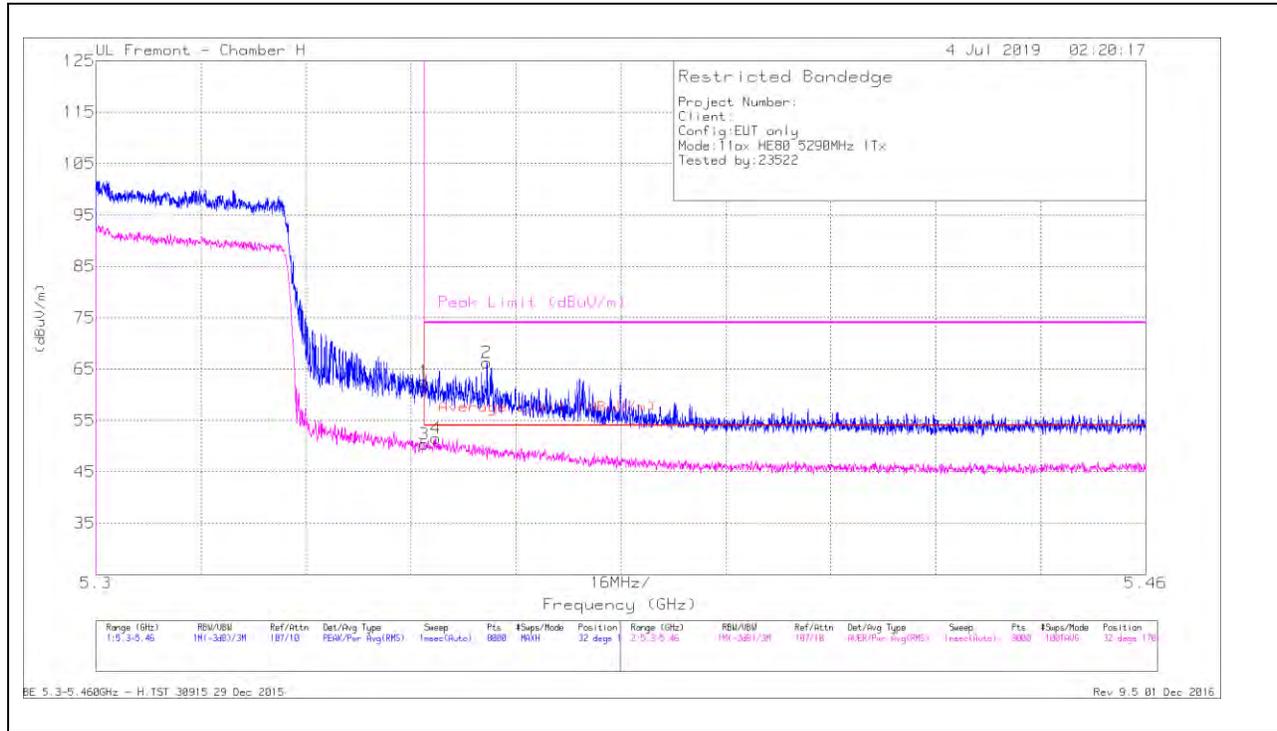
Rev 9.5 01 Dec 2016

**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/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	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

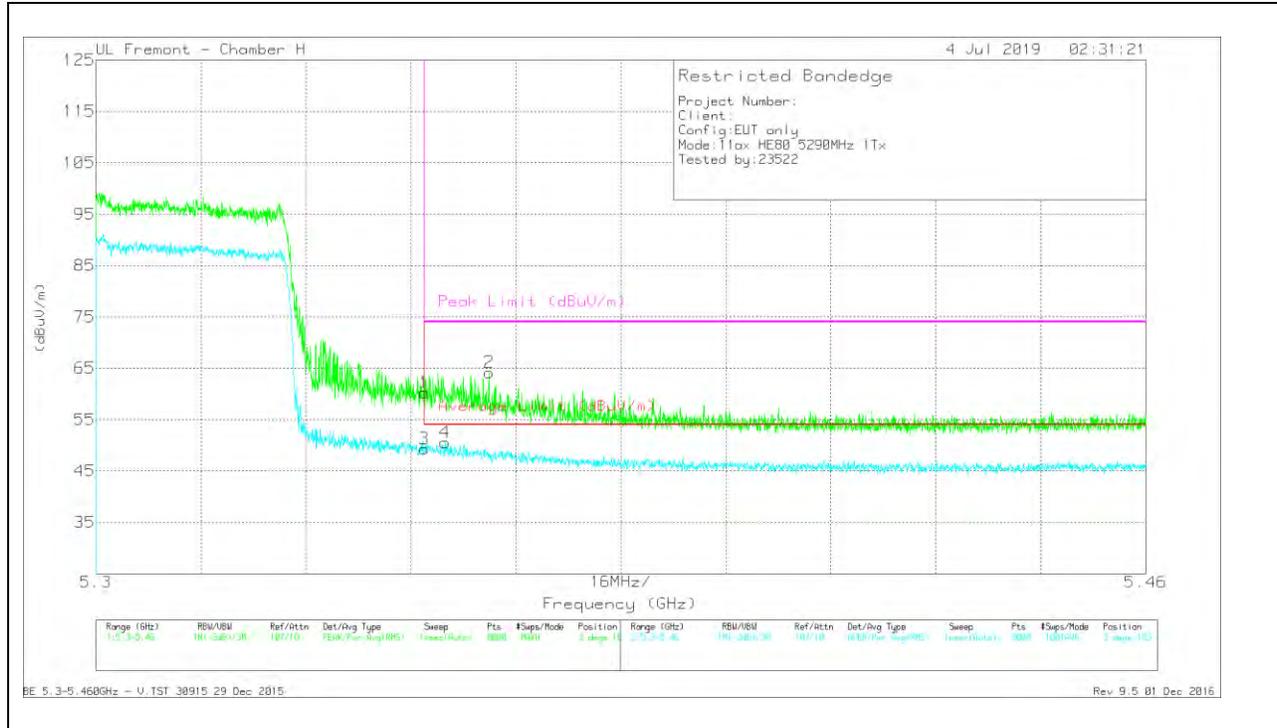
Pk - Peak detector

RMS - RMS detection

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

Rev 9.5 01 Dec 2016

**VERTICAL RESULT**



Marker	Frequenc y (GHz)	Meter Reading (dBuV)	Det	AF T863 (dB/m)	Amp/Cbi/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	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

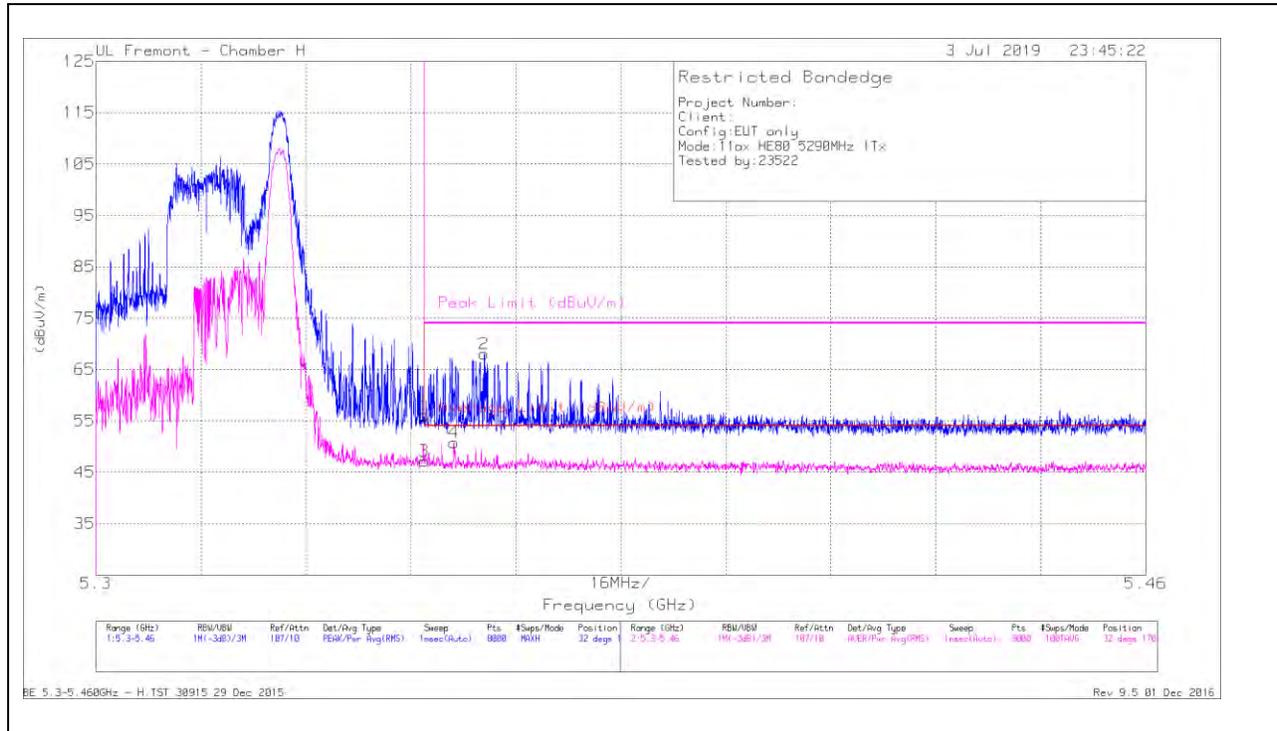
BE 5.3-5.460GHz - V.TST 30915 29 Dec 2015

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/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	41.66	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

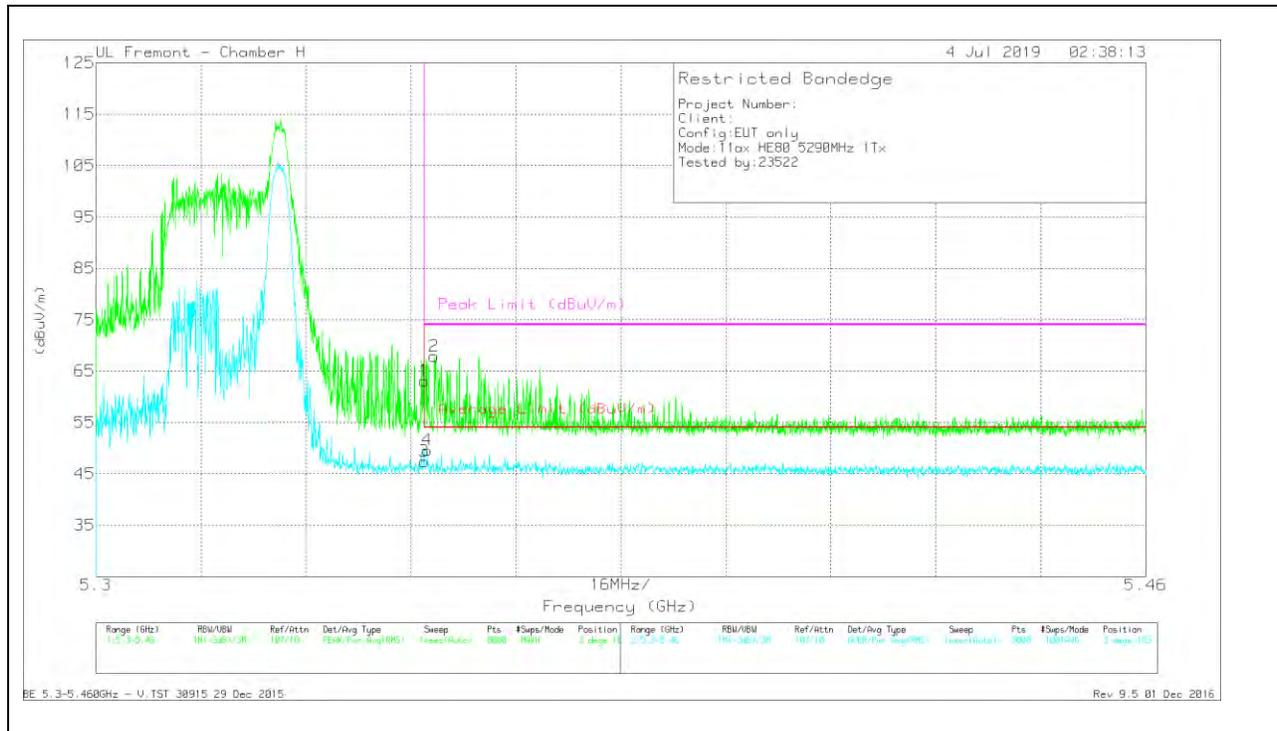
Pk - Peak detector

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

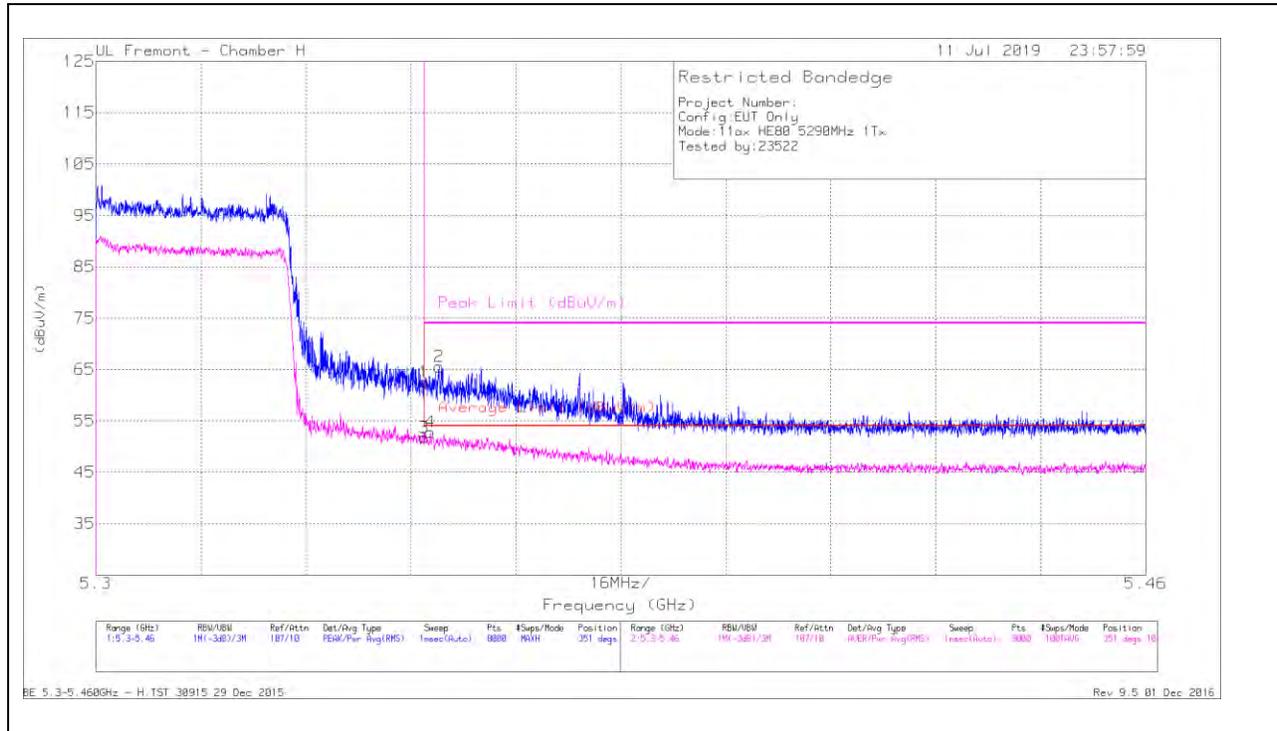
BE 5.3-5.460GHz - V.TST 30915 29 Dec 2015

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/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	48.15	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

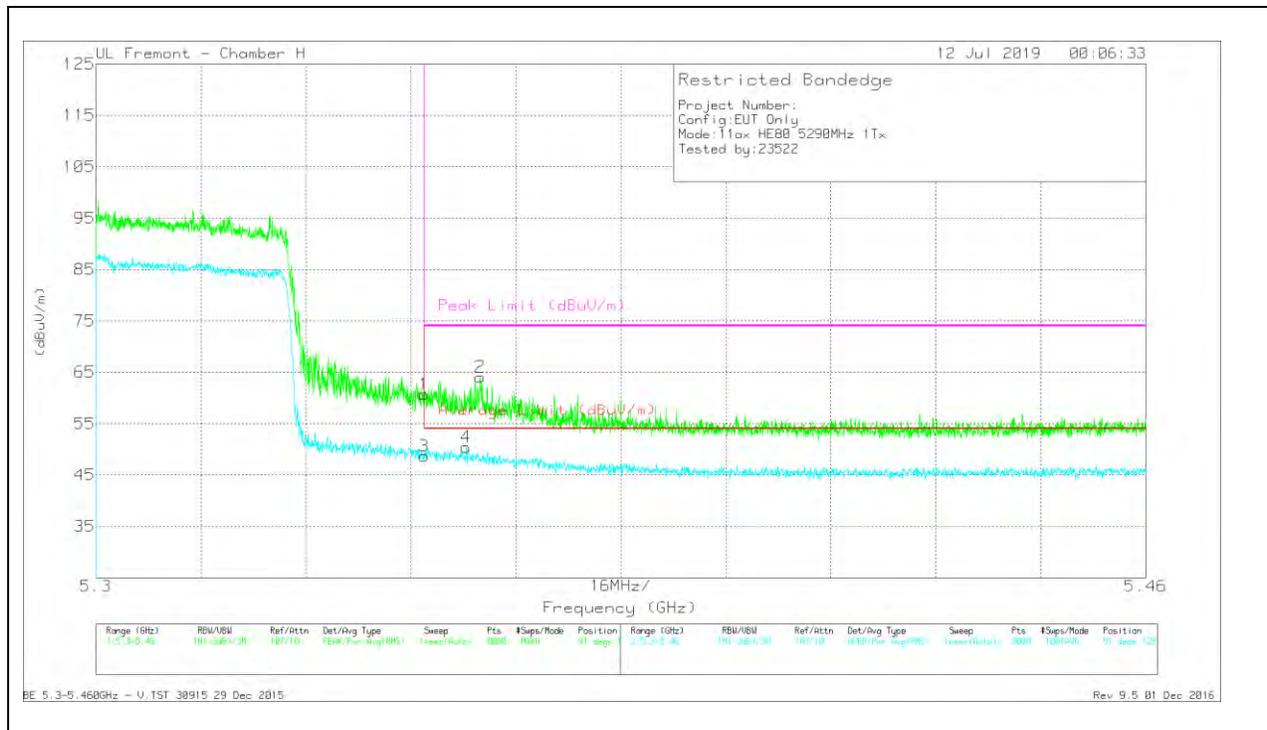
Pk - Peak detector

RMS - RMS detection

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

Rev 9.5 01 Dec 2016

### VERTICAL RESULT



Marker	Frequenc y (GHz)	Meter Reading (dBuV)	Det	AF T863 (dB/m)	Amp/Cbi/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	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

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

Pk - Peak detector

RMS - RMS detection

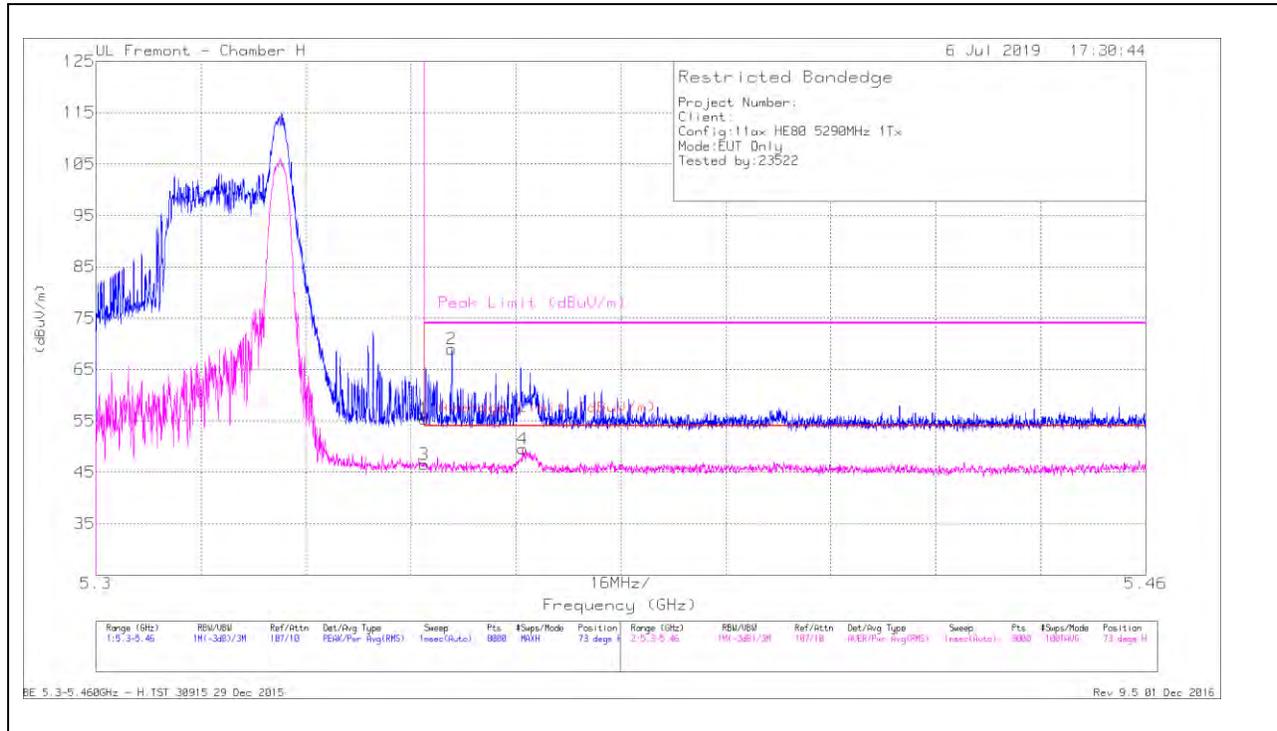
BE 5.3-5.460GHz - V.TST 30915 29 Dec 2015

Rev 9.5 01 Dec 2016

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

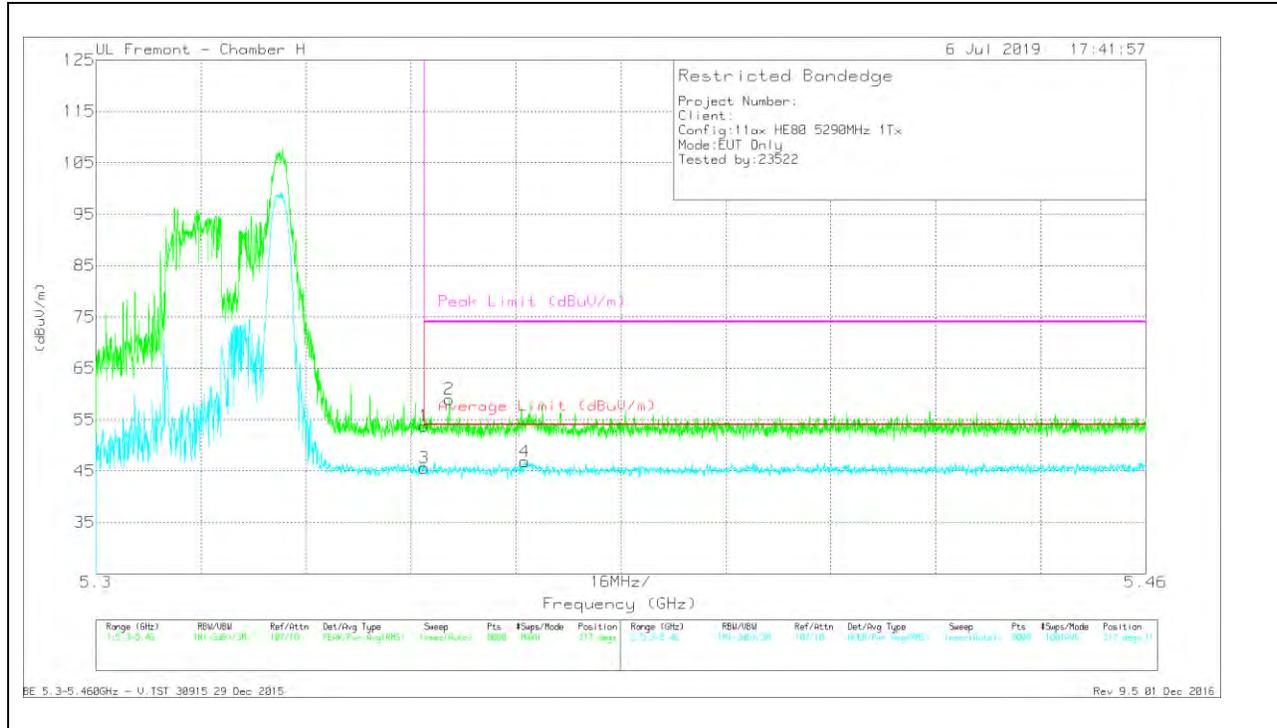
Pk - Peak detector

RMS - RMS detection

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

Rev 9.5 01 Dec 2016

### VERTICAL RESULT



Marker	Frequenc y (GHz)	Meter Reading (dBuV)	Det	AF T863 (dB/m)	Amp/Cbi/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	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

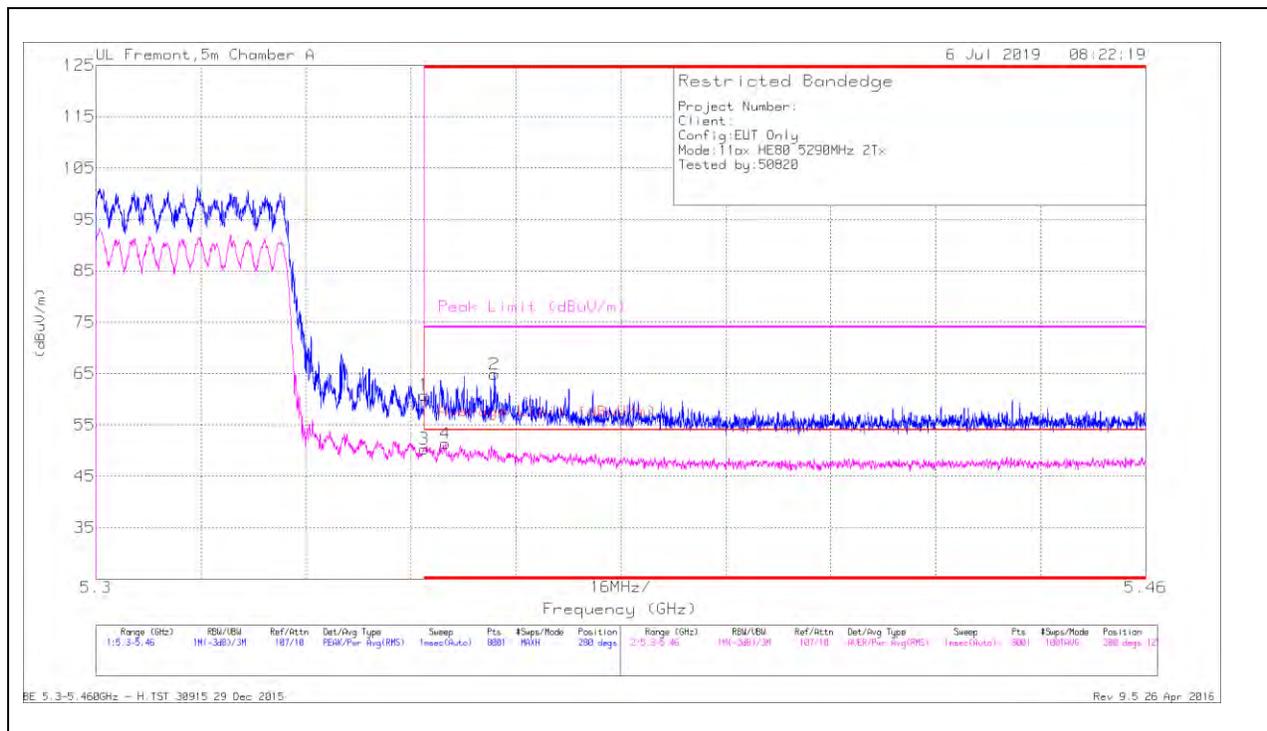
BE 5.3-5.460GHz - V.TST 30915 29 Dec 2015

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/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	43.47	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

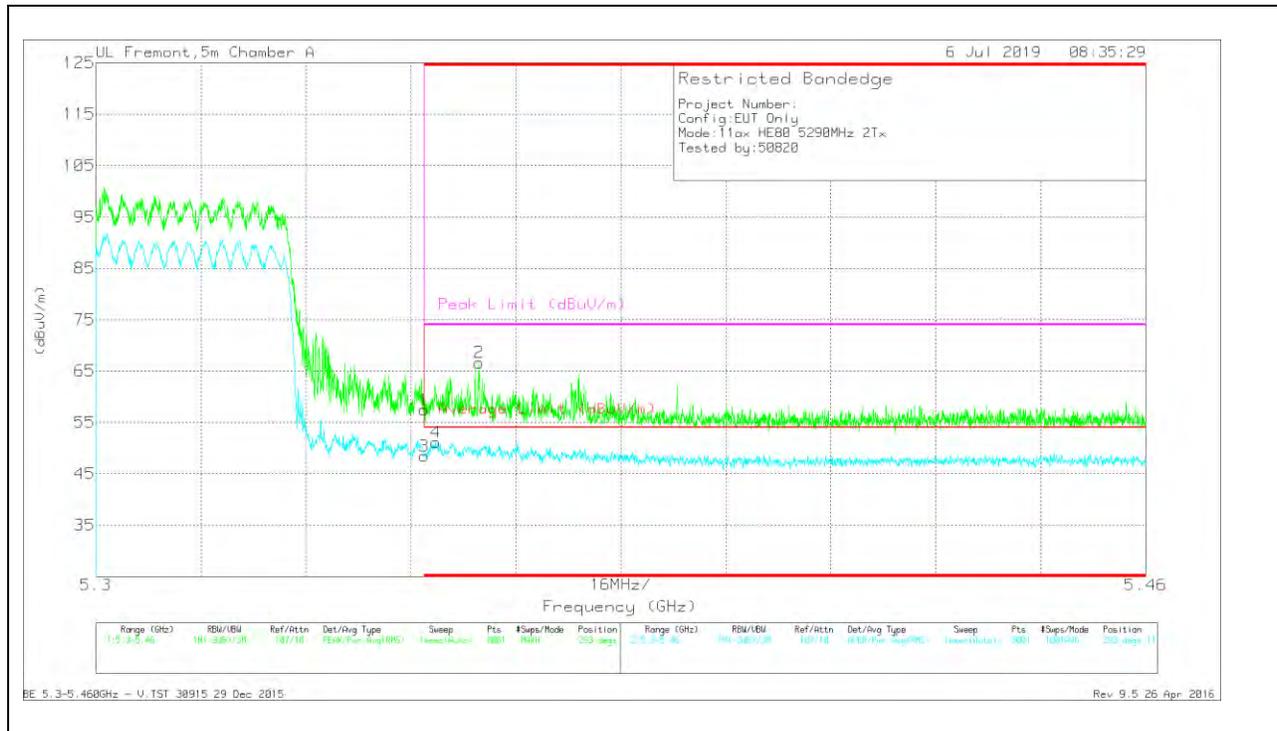
Pk - Peak detector

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/CbI/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

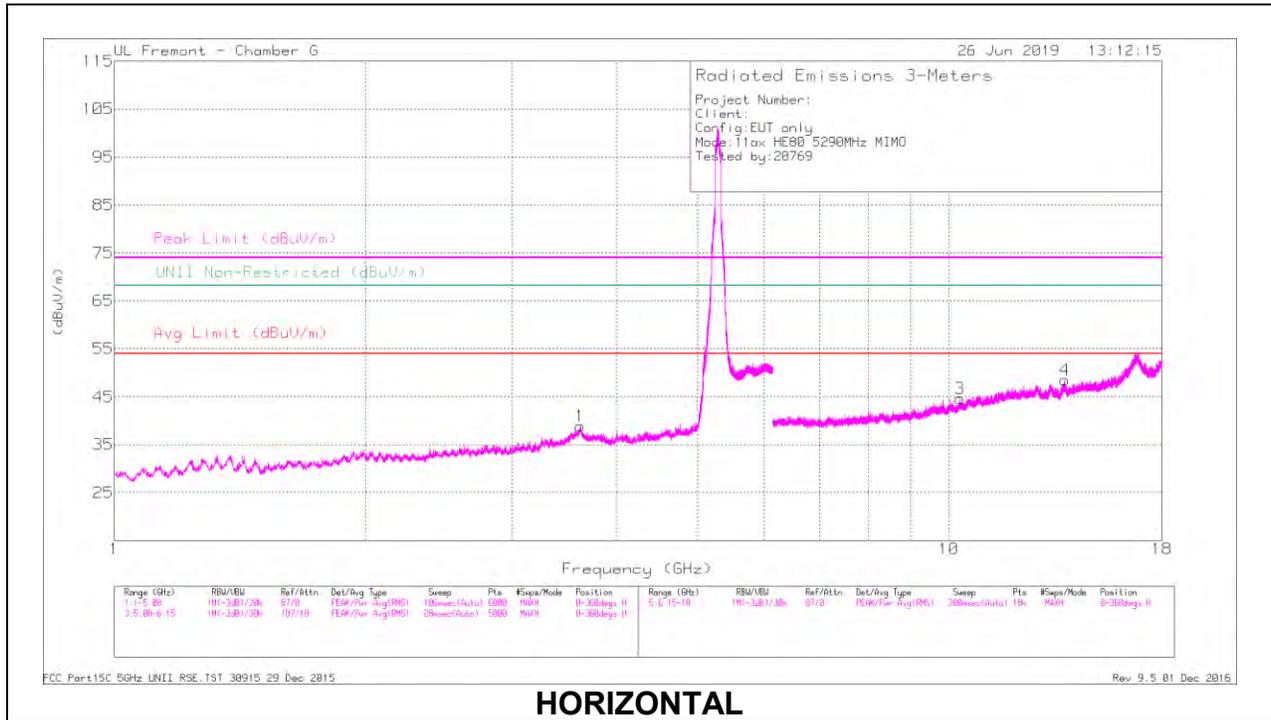
RMS - RMS detection

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

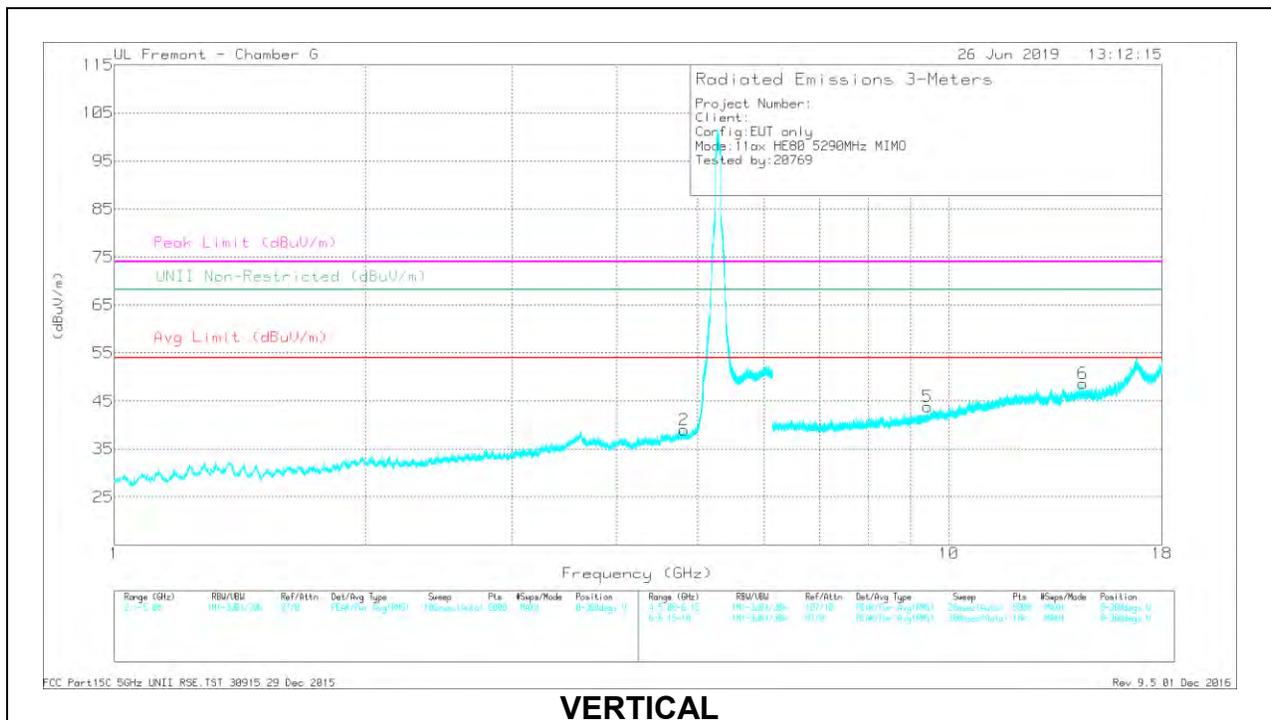
Rev 9.5 26 Apr 2016

**HARMONICS AND SPURIOUS EMISSIONS**

**MID CHANNEL RESULTS**



**HORIZONTAL**



**VERTICAL**

### RADIATED EMISSIONS

Marker	Frequenc y (GHz)	Meter Reading (dBuV)	Det	AF T120 (dB/m)	Amp/Cb/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	* 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

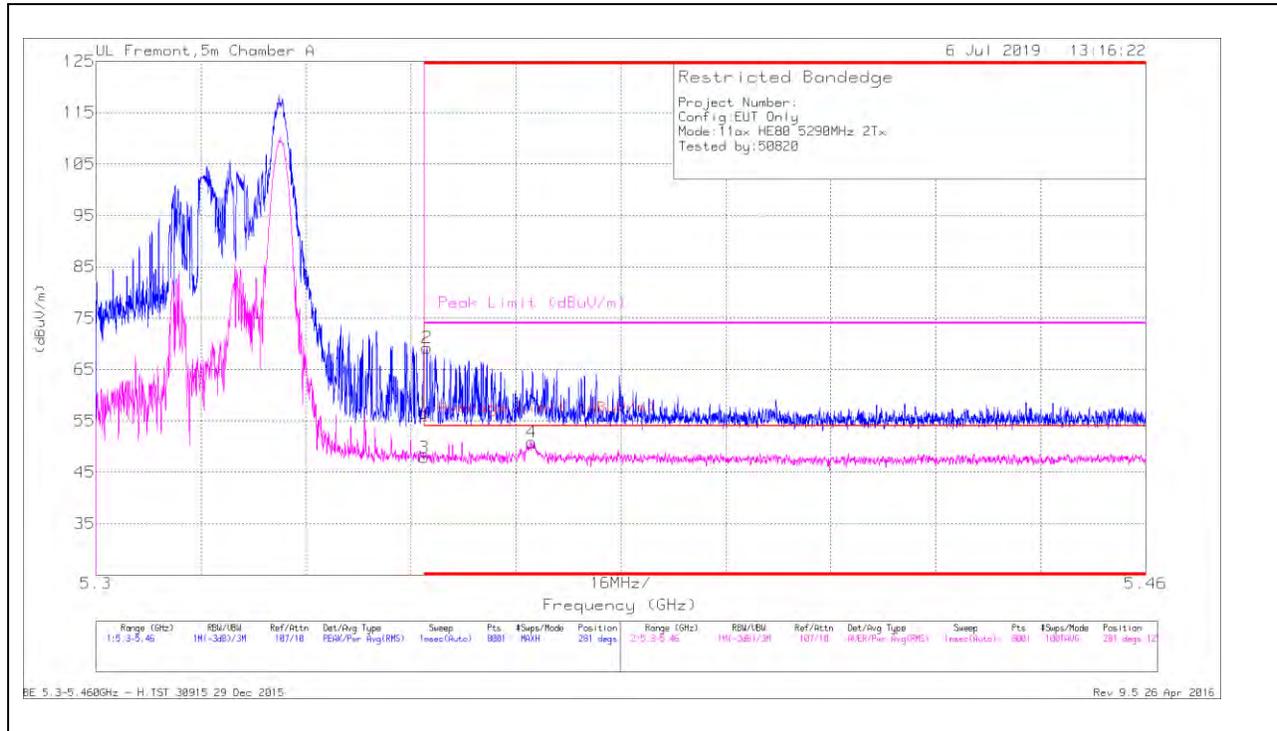
FCC Part15C 5GHz UNII RSE.TST 30915 29 Dec 2015

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/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	39.26	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

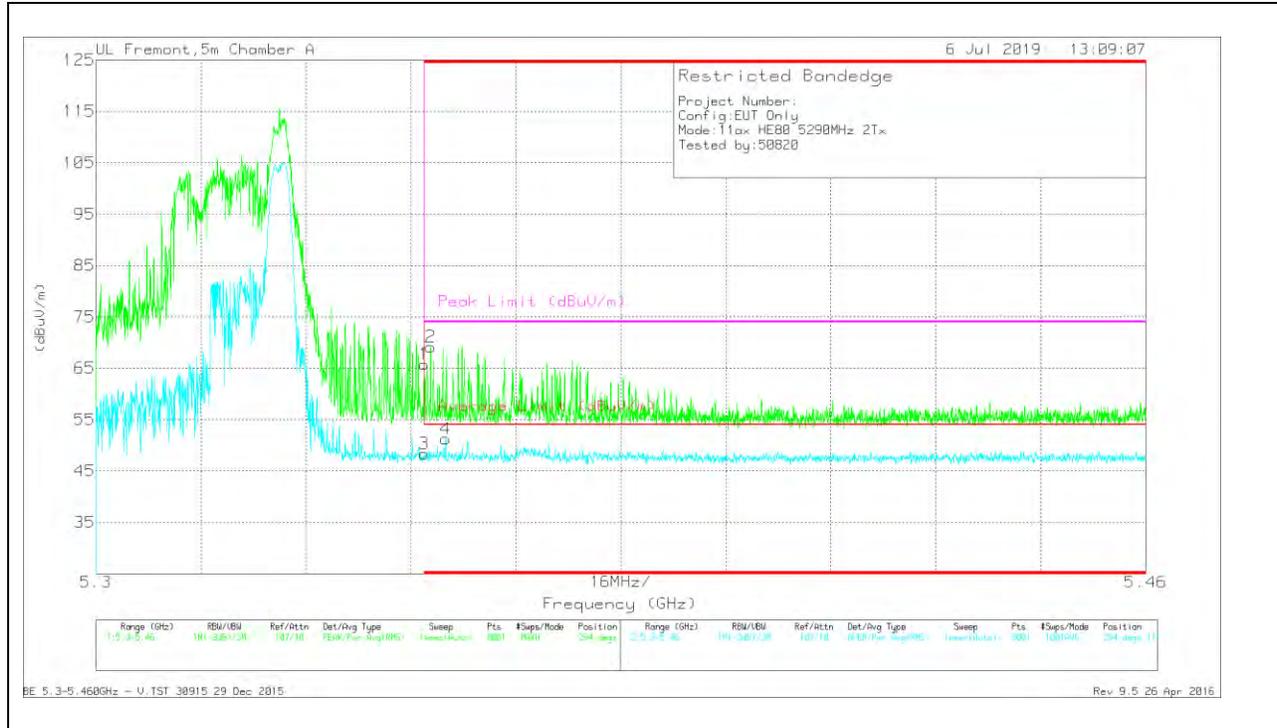
Pk - Peak detector

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/Cbi/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	48.47	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

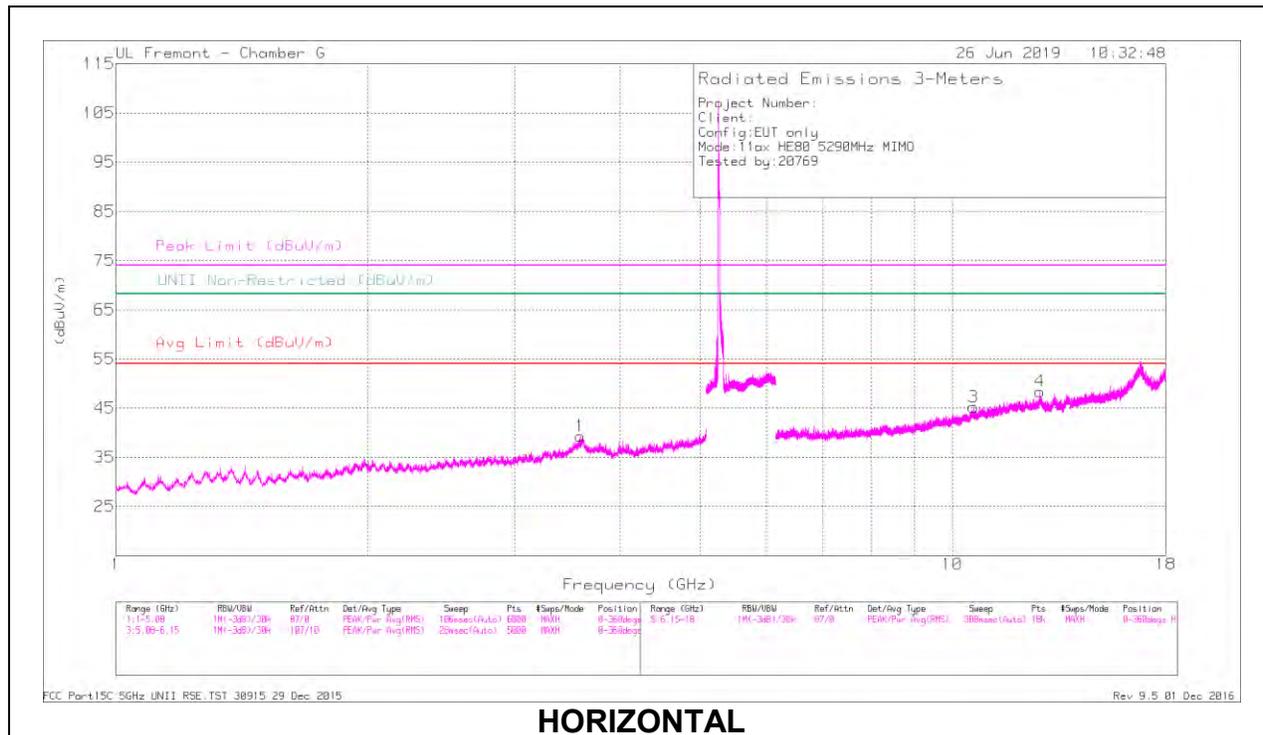
RMS - RMS detection

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

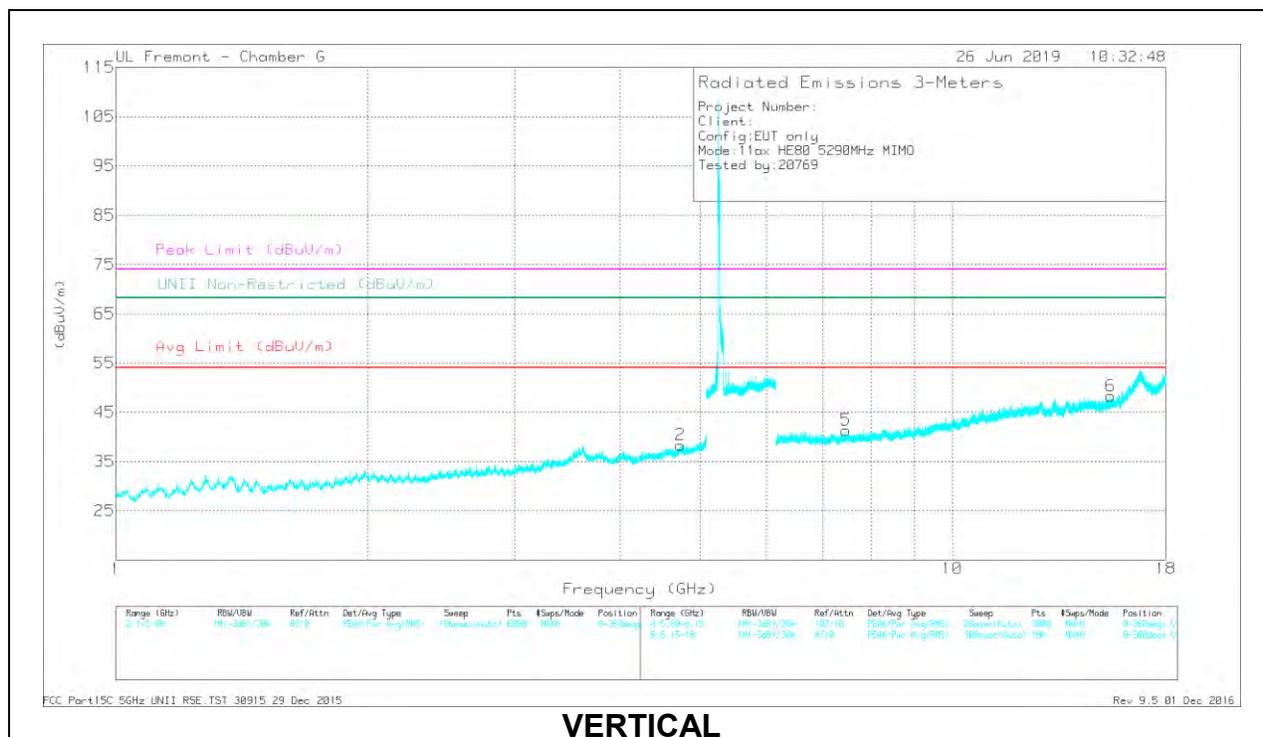
Rev 9.5 26 Apr 2016

**HARMONICS AND SPURIOUS EMISSIONS**

**MID CHANNEL RESULTS**



**HORIZONTAL**



**VERTICAL**

**RADIATED EMISSIONS**

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T120 (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)	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

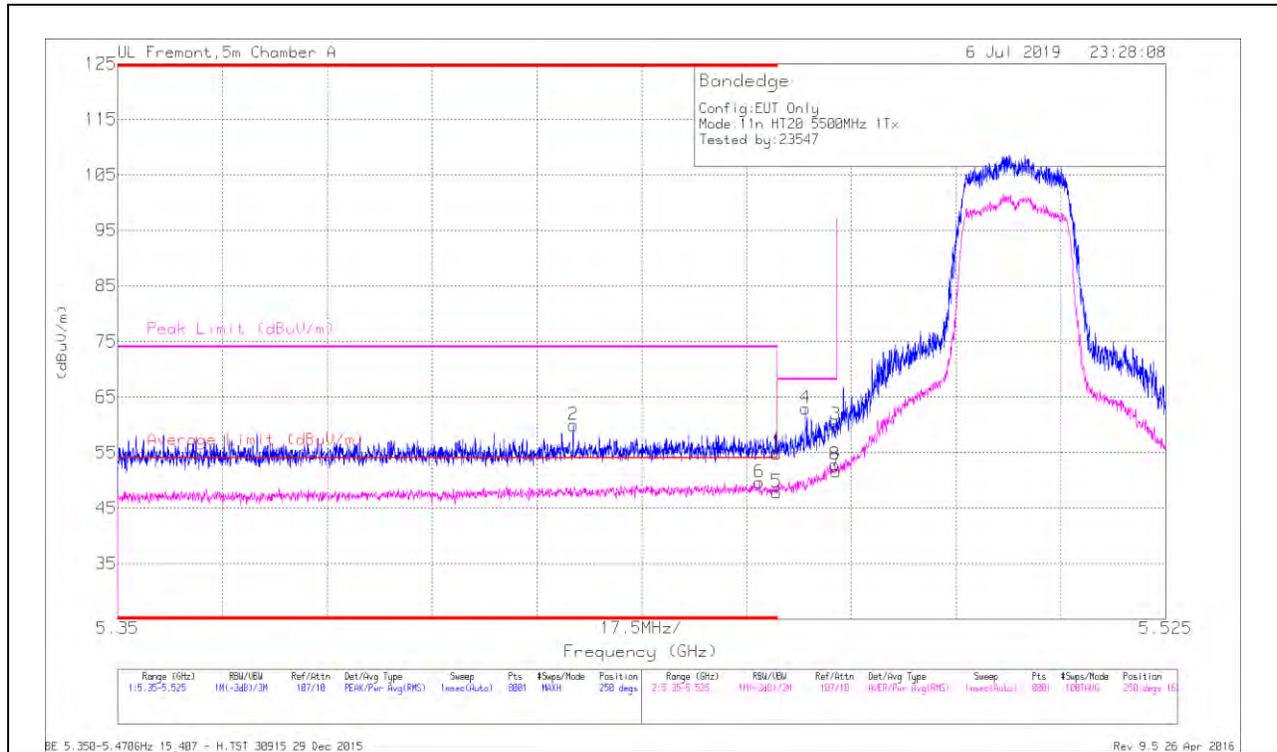
\* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band  
 PK-U - U-NII: Maximum Peak  
 ADR - U-NII AD primary method, RMS average  
 FCC Part15C 5GHz UNII RSE.TST 30915 29 Dec 2015  
 Rev 9.5 01 Dec 2016

**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**



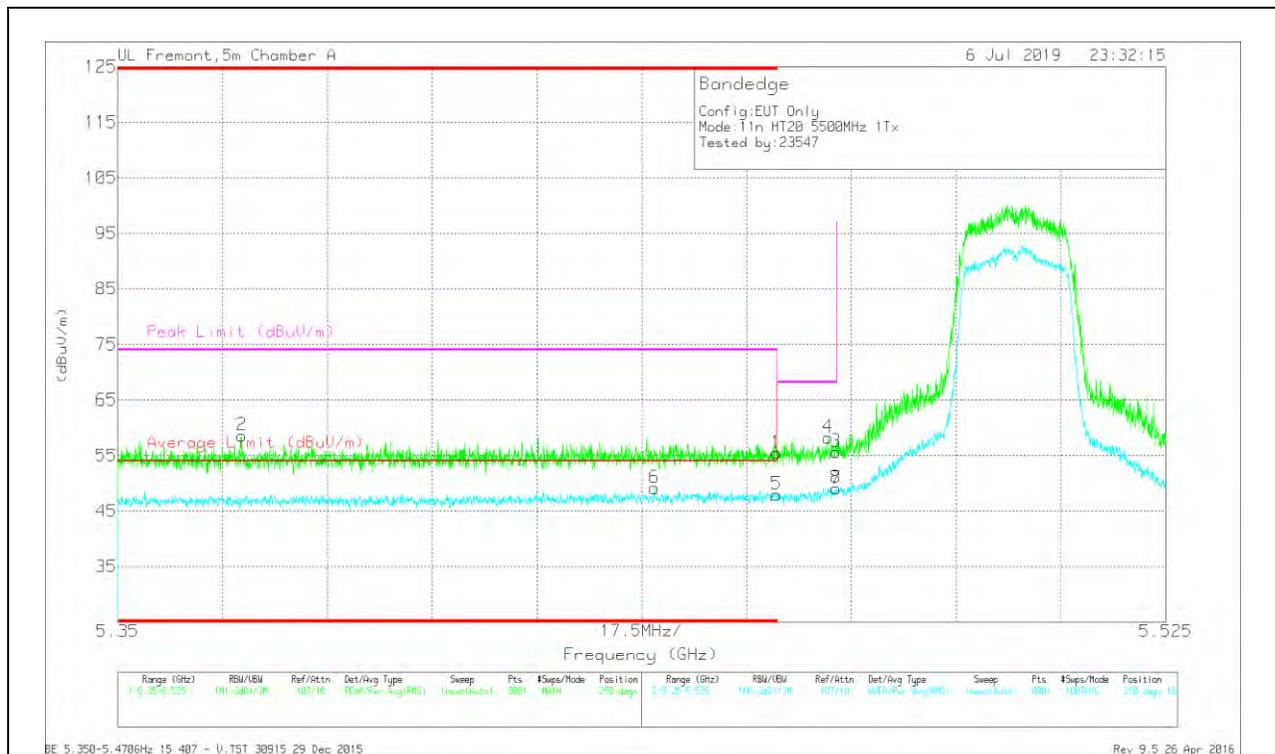
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T346 (dB/m)	Amp/Cbl/Filtr/P ad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 5.46	37.45	Pk	34.9	-17.5	0	54.85	-	-	74	-19.15	250	168	H
2	* 5.426	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

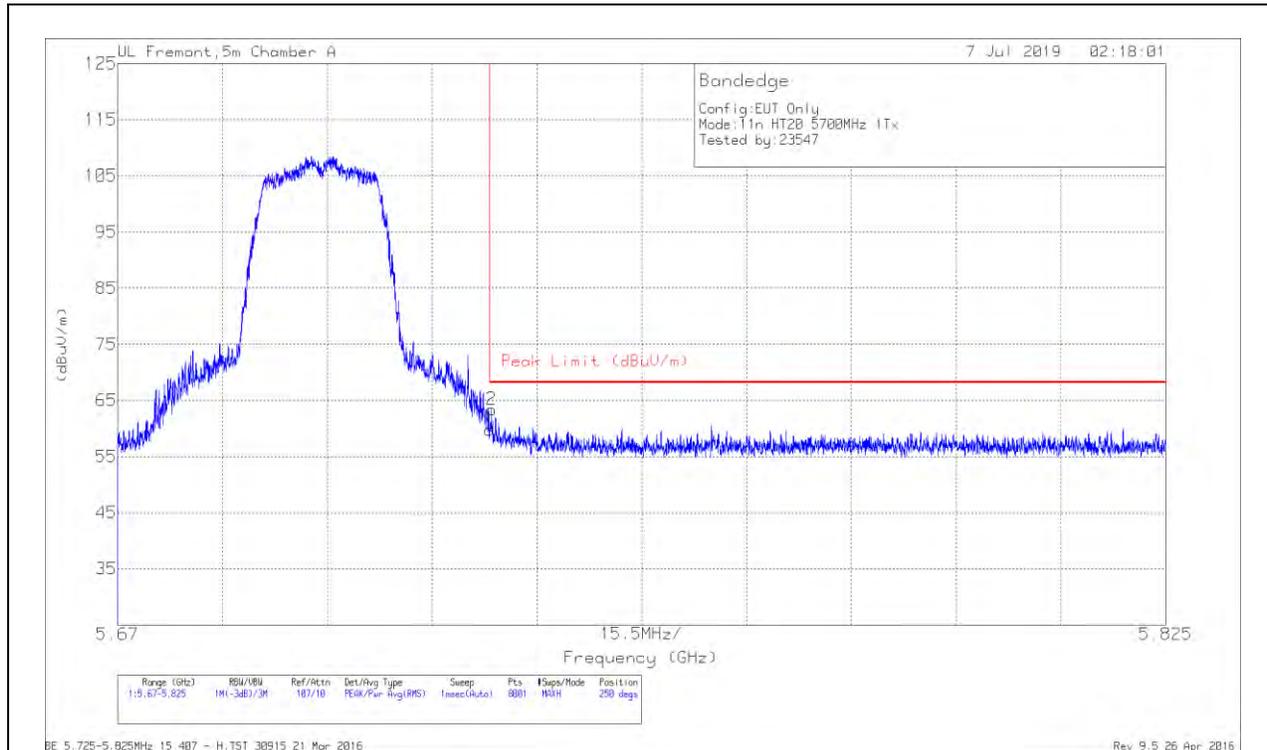


Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T346 (dB/m)	Amp/Cbl/Filtr/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 5.46	38.08	Pk	34.9	-17.5	0	55.48	-	-	74	-18.52	250	168	V
2	* 5.371	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	0	49.03	-	-	-	-	250	168	V
8	5.47	31.71	RMS	34.9	-17.5	0	49.11	-	-	-	-	250	168	V

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

**BANDEDGE (HIGH CHANNEL)**

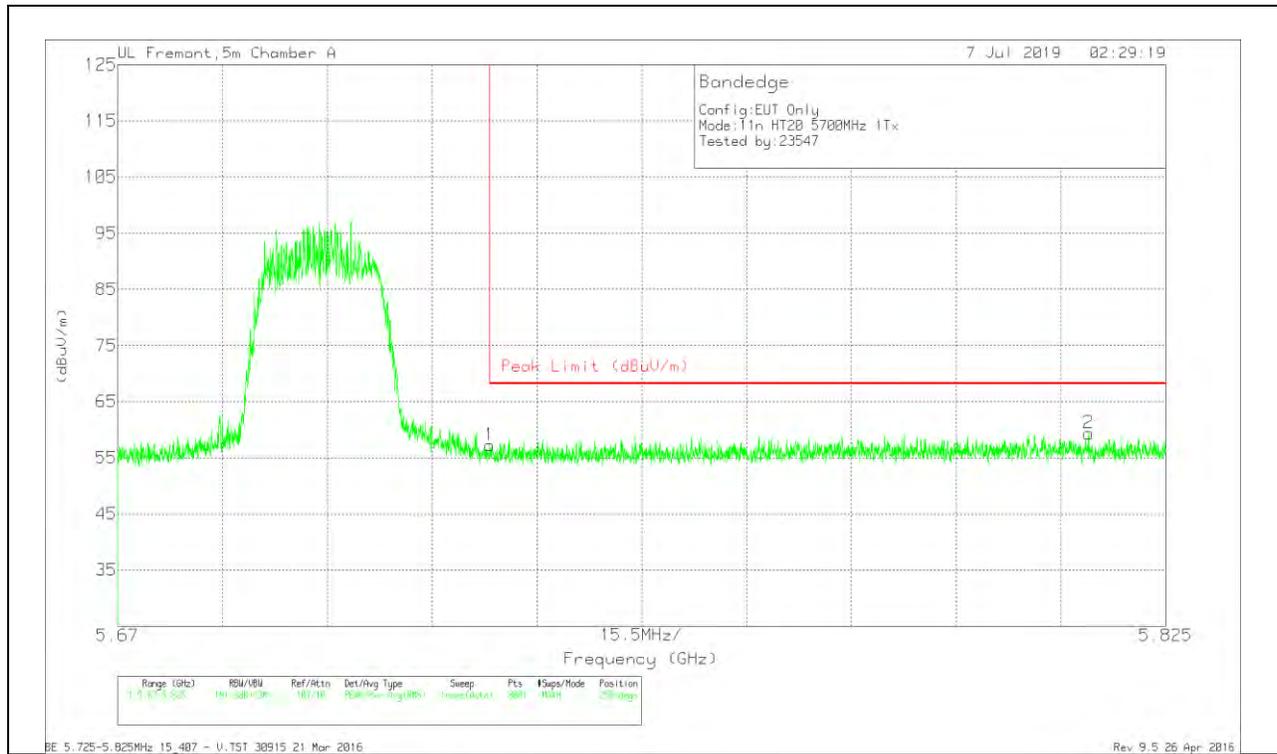
**HORIZONTAL RESULT**



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



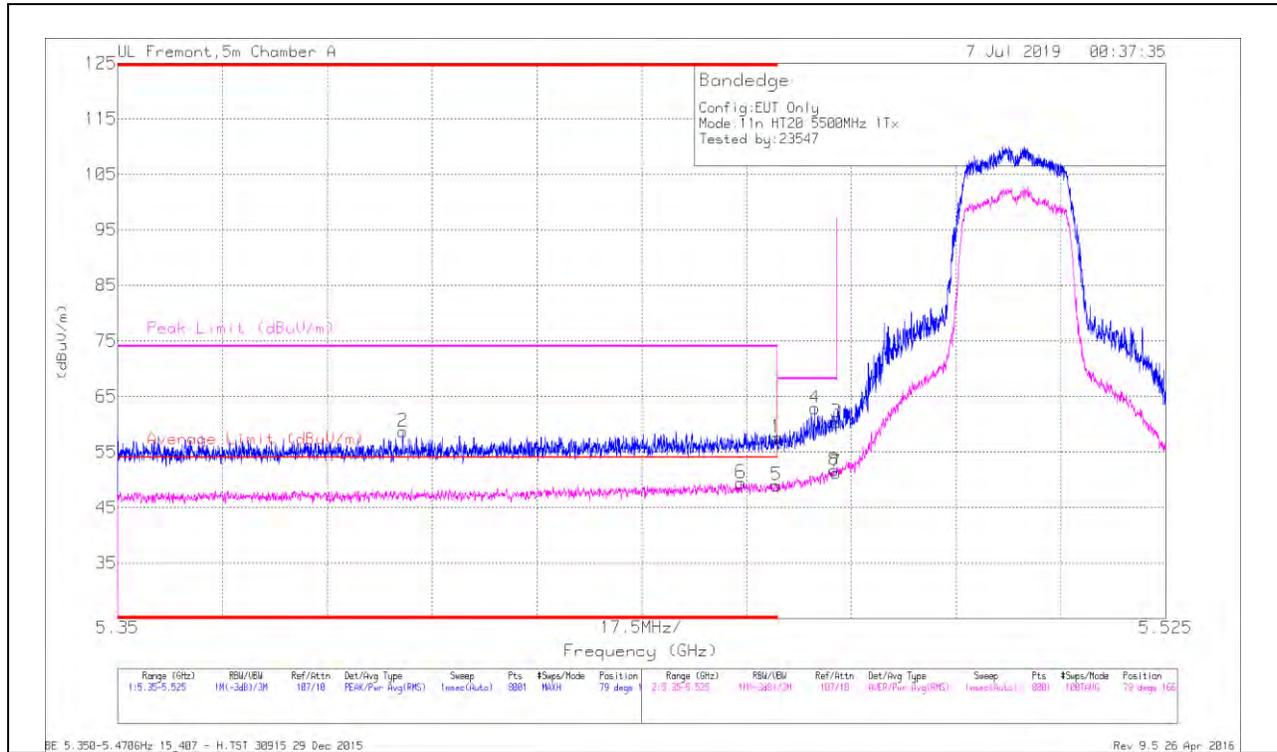
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T346 (dB/m)	Amp/Cbl/Fitr/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.725	39.52	Pk	34.9	-17.2	0	57.22	68.2	-10.98	250	255	V
2	5.814	41.04	Pk	35.1	-16.8	0	59.34	68.2	-8.86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

Pk - Peak detector

**1TX Antenna 5 MODE**

**BANDEDGE (LOW CHANNEL)**

**HORIZONTAL RESULT**



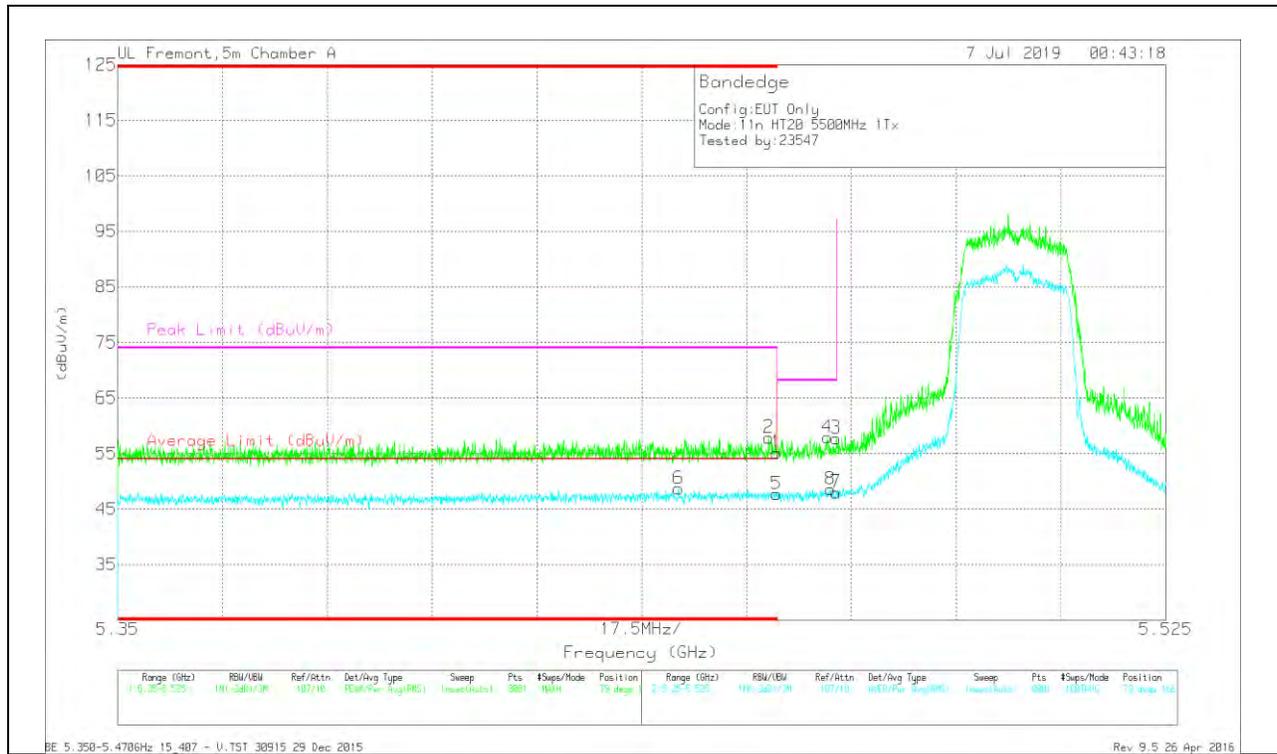
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T346 (dB/m)	Amp/Cbl/Filtr/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 5.46	40.2	Pk	34.9	-17.5	0	57.6	-	-	74	-16.4	79	166	H
2	* 5.398	41.39	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

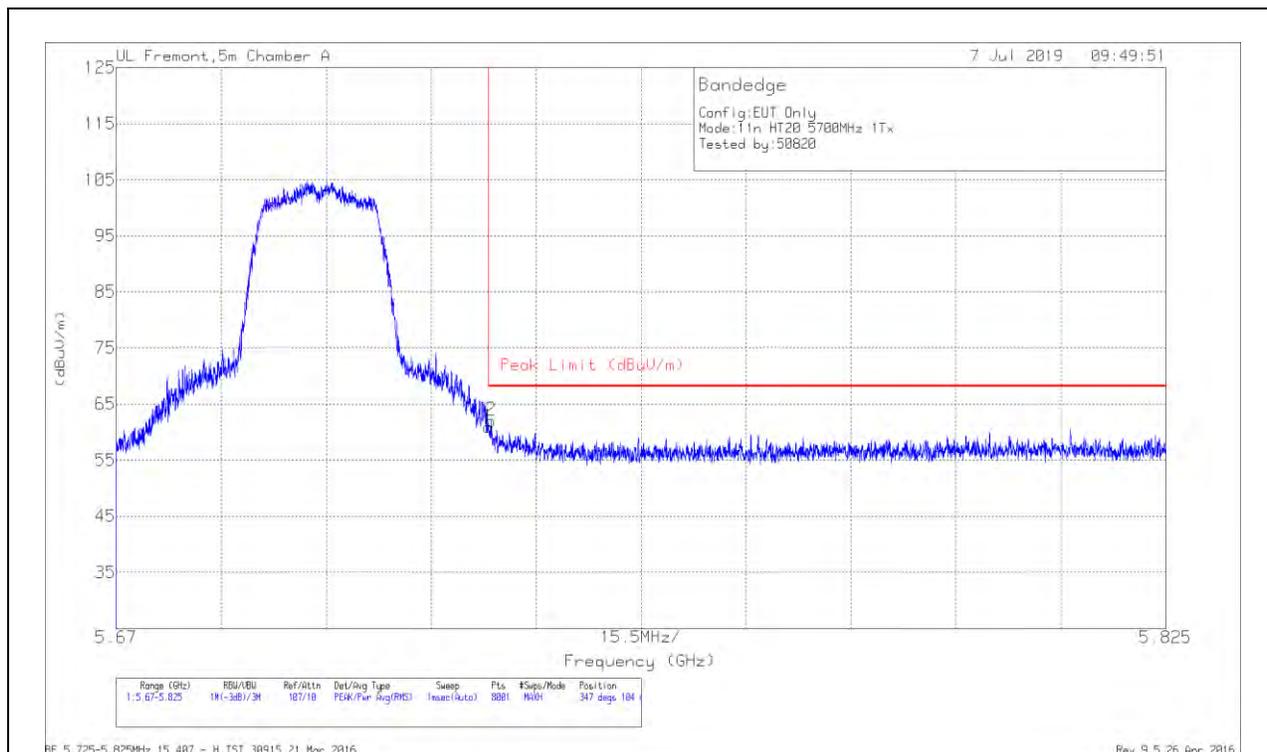


Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T346 (dB/m)	Amp/Cbl/Filtr/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 5.46	37.75	Pk	34.9	-17.5	0	55.15	-	-	74	-18.85	79	166	V
2	* 5.459	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

**BANDEDGE (HIGH CHANNEL)**

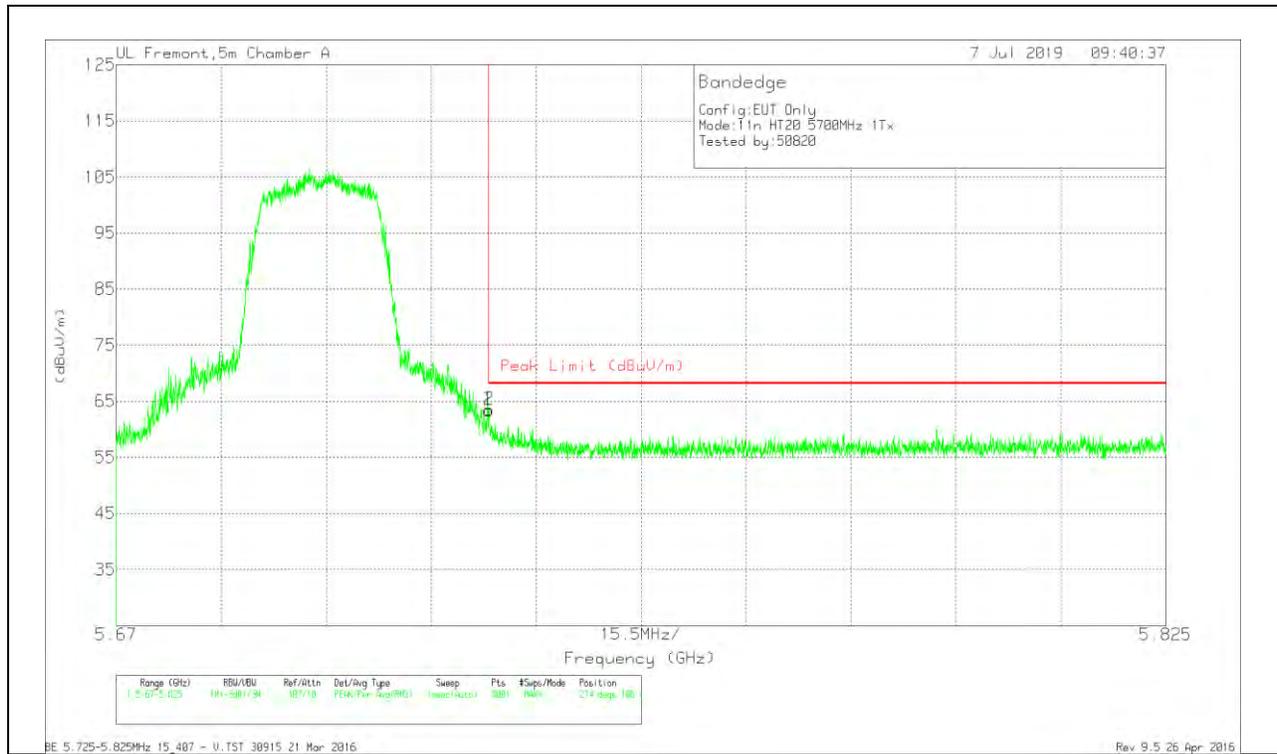
**HORIZONTAL RESULT**



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T346 (dB/m)	Amp/Cb/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	43.21	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



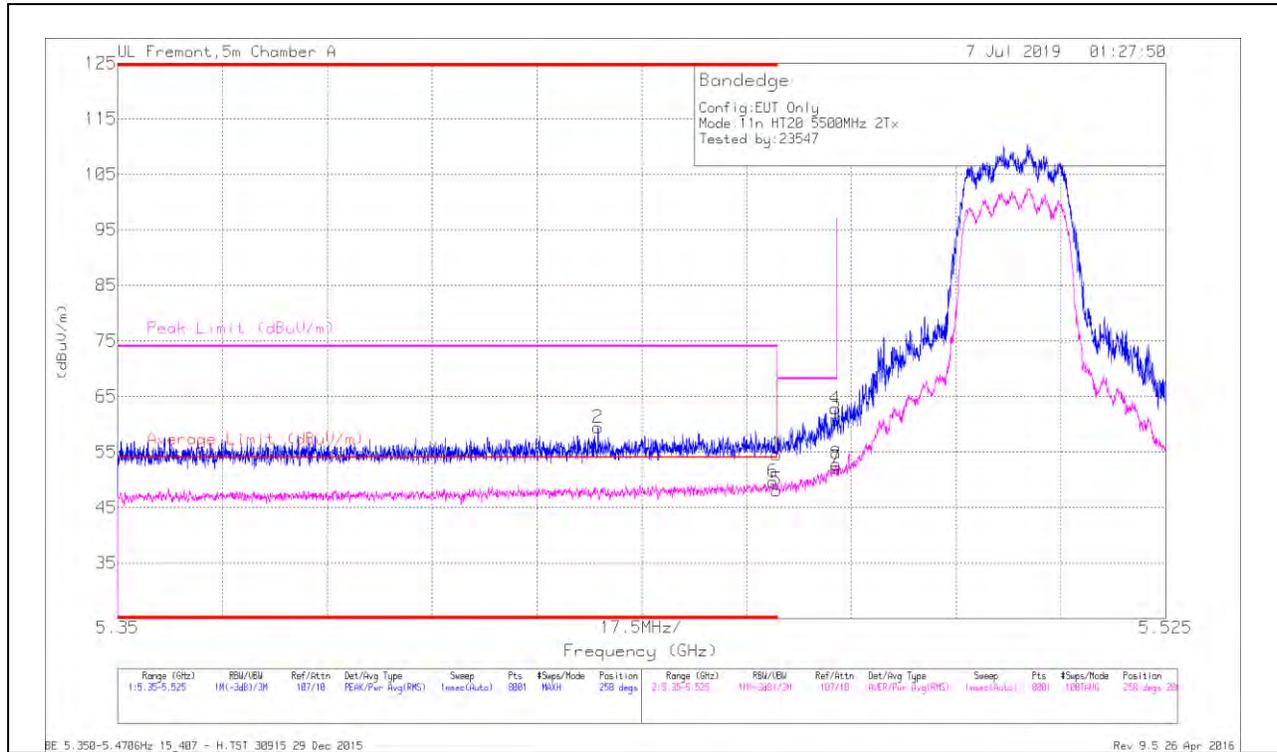
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T346 (dB/m)	Amp/Cbl/Fitr/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.725	45.72	Pk	34.9	-17.2	0	63.42	68.2	-4.78	274	108	V
2	5.725	45.76	Pk	34.9	-17.2	0	63.46	68.2	-4.74	274	108	V

Pk - Peak detector

**2TX Antenna 6 + Antenna 5 CDD MODE**

**BANDEDGE (LOW CHANNEL)**

**HORIZONTAL RESULT**



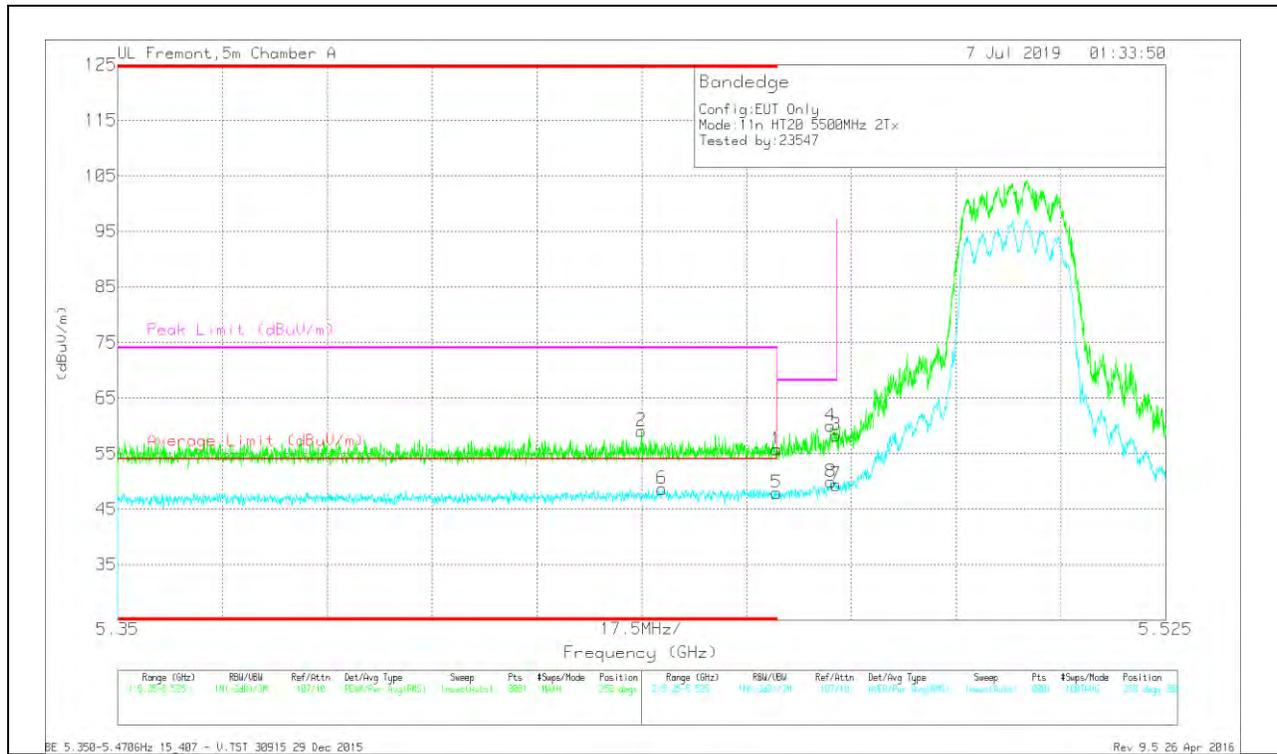
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T346 (dB/m)	Amp/Cbl/Filtr/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 5.46	37.19	Pk	34.9	-17.5	0	54.59	-	-	74	-19.41	258	206	H
2	* 5.43	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

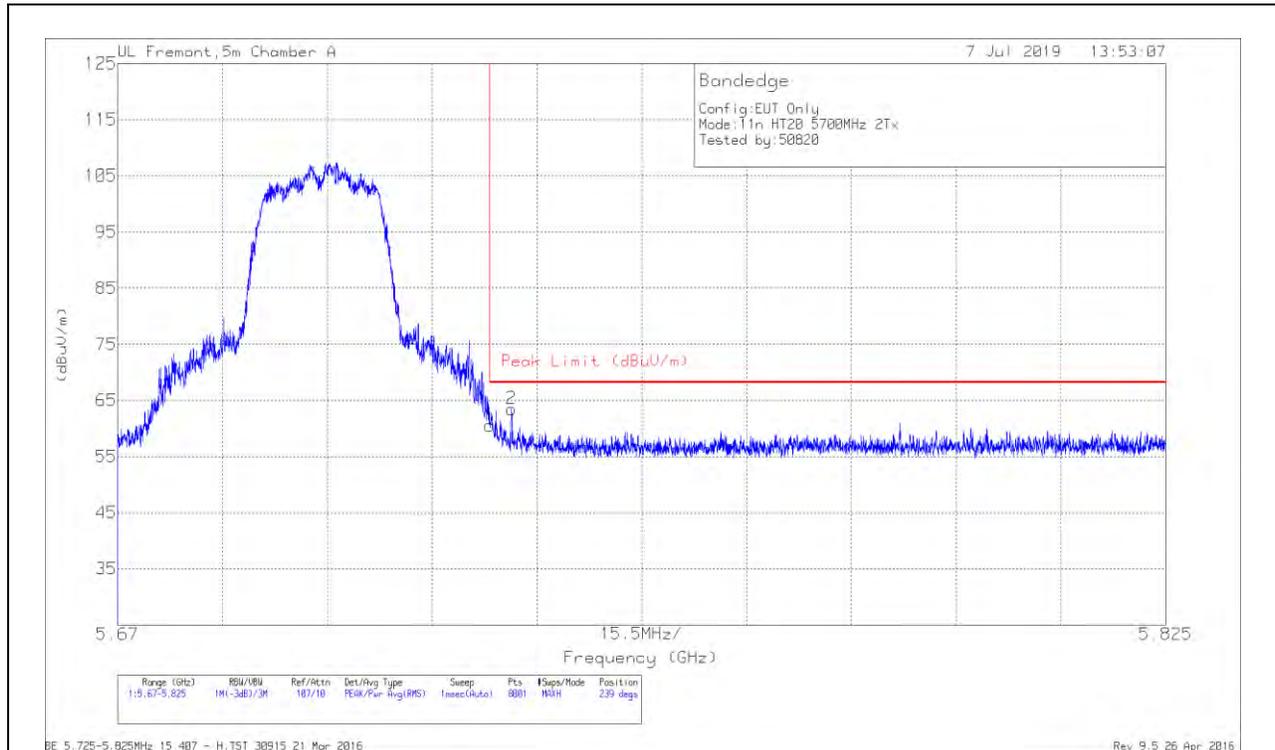


Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T346 (dB/m)	Amp/Cbl/Filtr/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 5.46	38.35	Pk	34.9	-17.5	0	55.75	-	-	74	-18.25	258	206	V
2	* 5.437	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)**

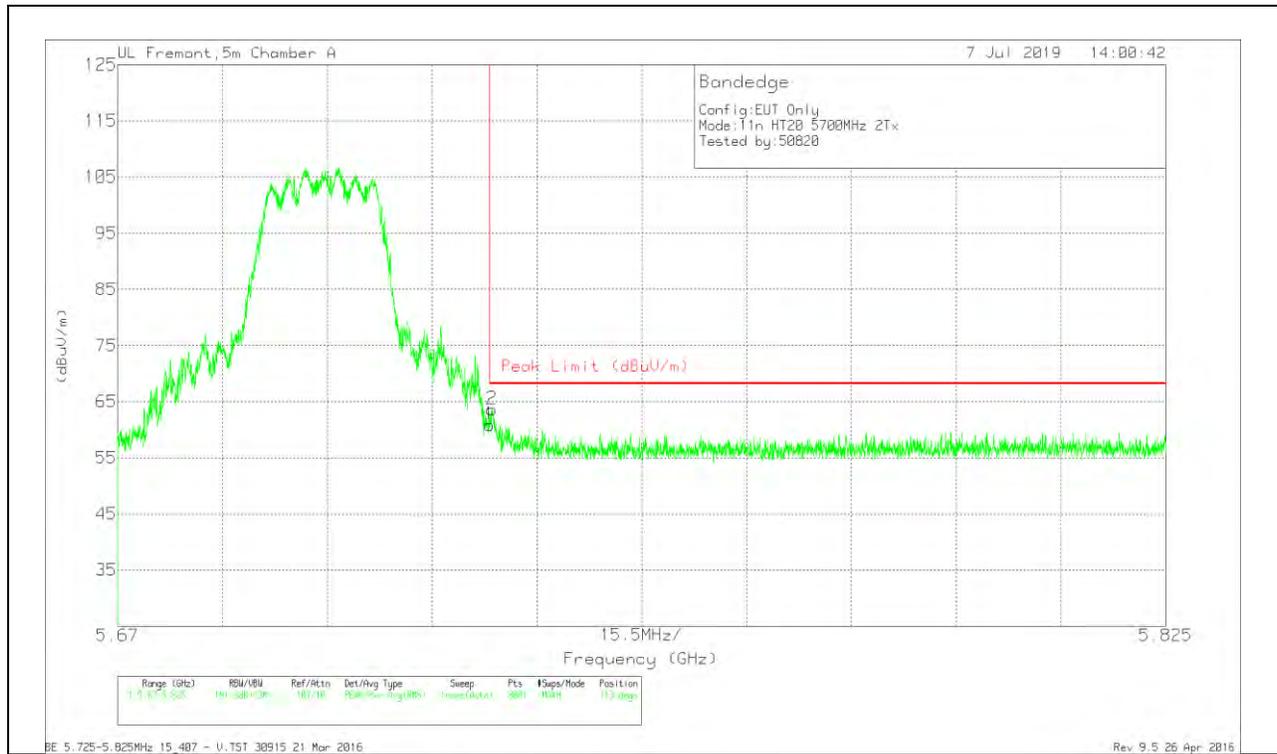
**HORIZONTAL RESULT**



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T346 (dB/m)	DC Corr (dB)	Amp/Cbl/Filtr/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

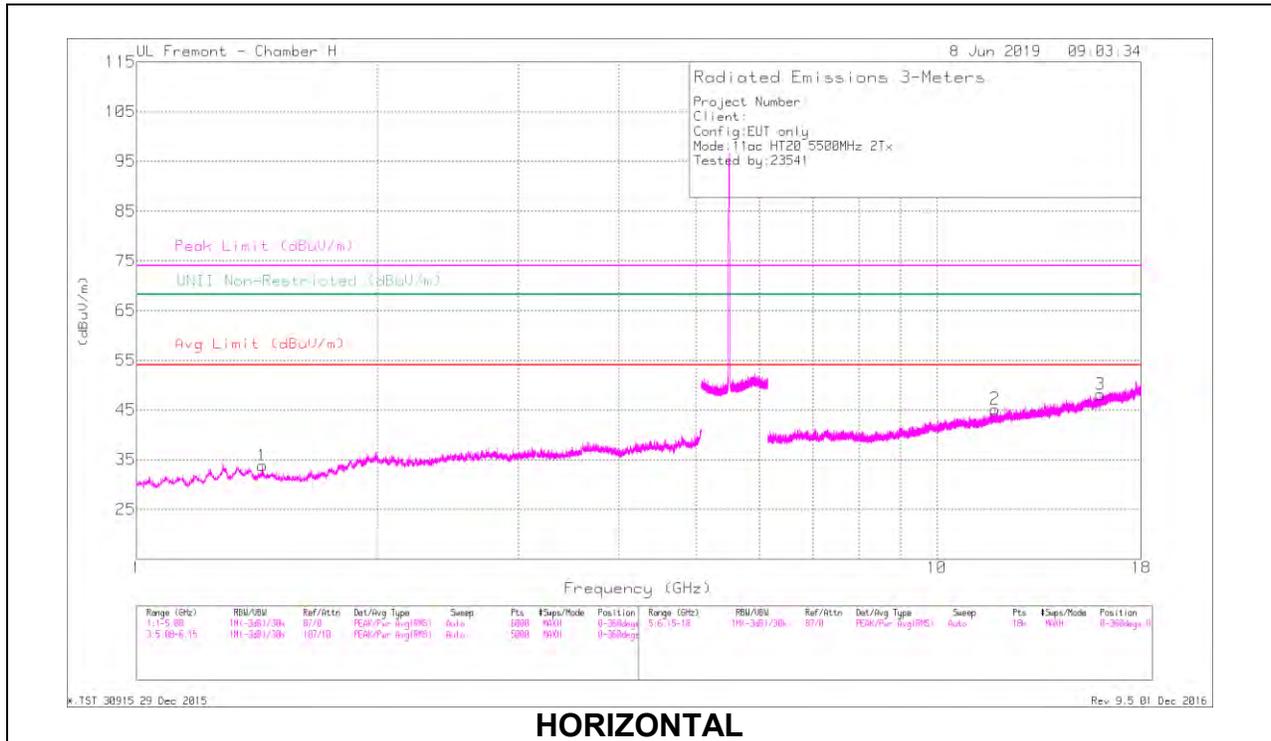


Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T346 (dB/m)	Amp/Cbl/Fitr/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.725	43.19	Pk	34.9	-17.2	0	60.89	68.2	-7.31	113	214	V
2	5.725	45.94	Pk	34.9	-17.2	0	63.64	68.2	-4.56	113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

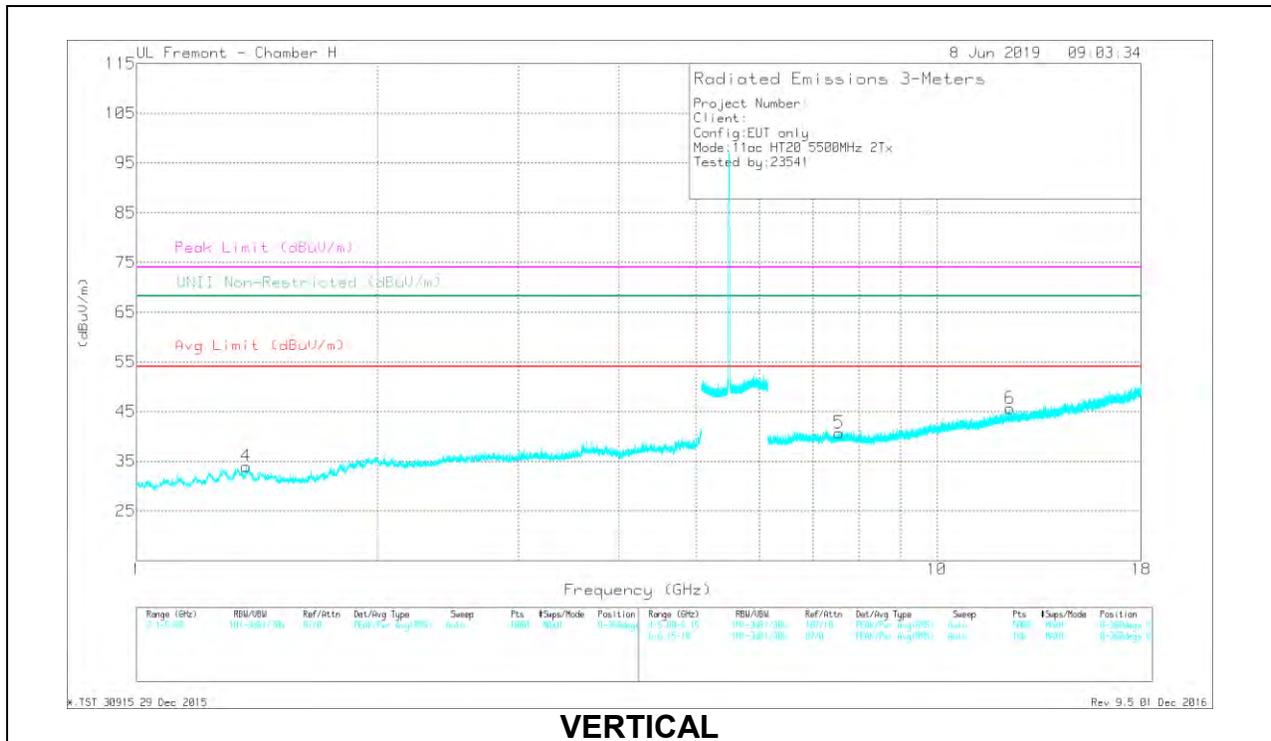
Pk - Peak detector

**HARMONICS AND SPURIOUS EMISSIONS**

**LOW CHANNEL RESULTS**



**HORIZONTAL**



**VERTICAL**

**RADIATED EMISSIONS**

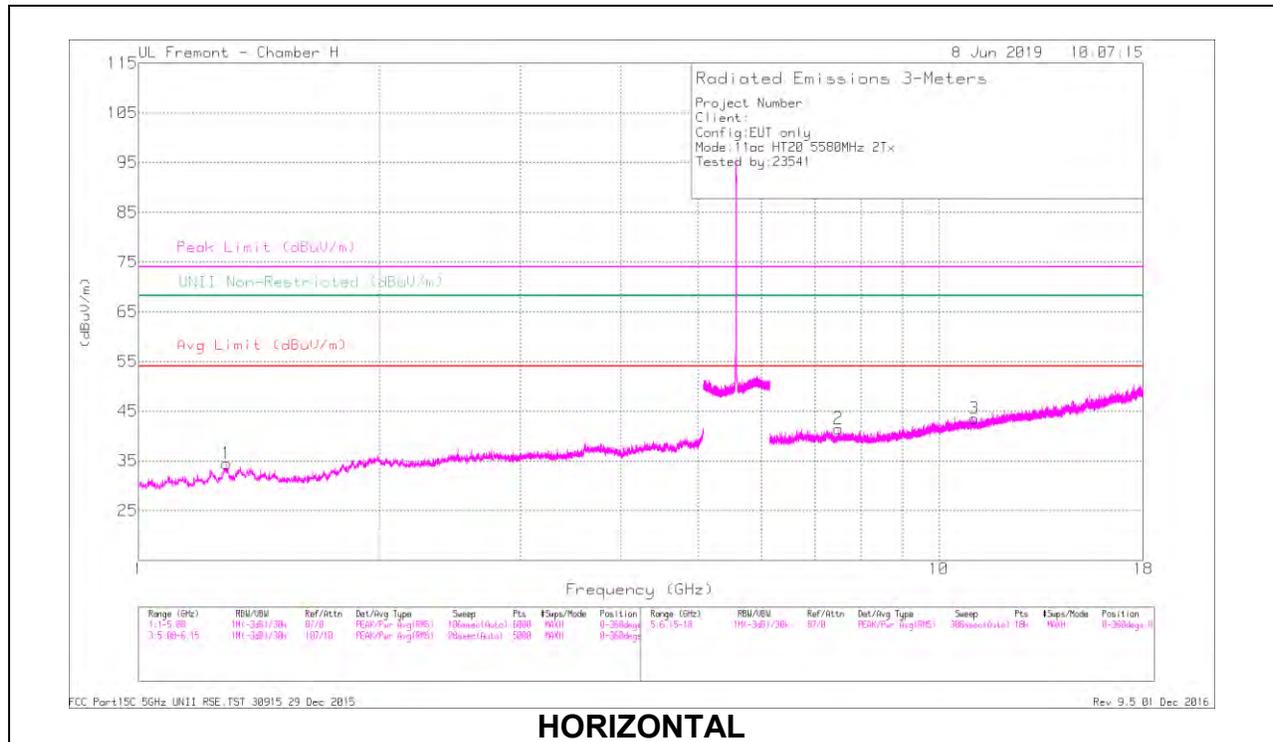
Markers	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T136 (dB/m)	Amp/Cbl/Filtr/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 1.492	44.46	PK-U	28.2	-32.9	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

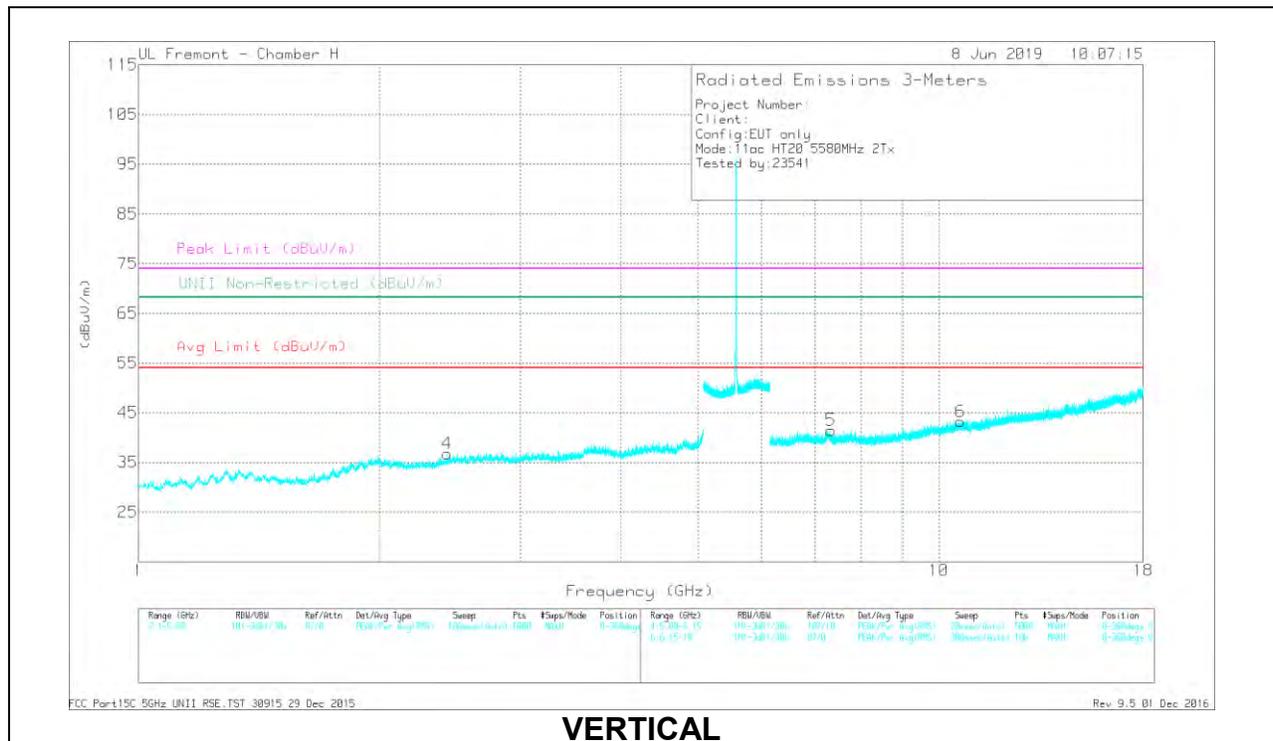
PK-U - U-NII: Maximum Peak

ADR - U-NII AD primary method, RMS average

### MID CHANNEL RESULTS



**HORIZONTAL**



**VERTICAL**

### RADIATED EMISSIONS

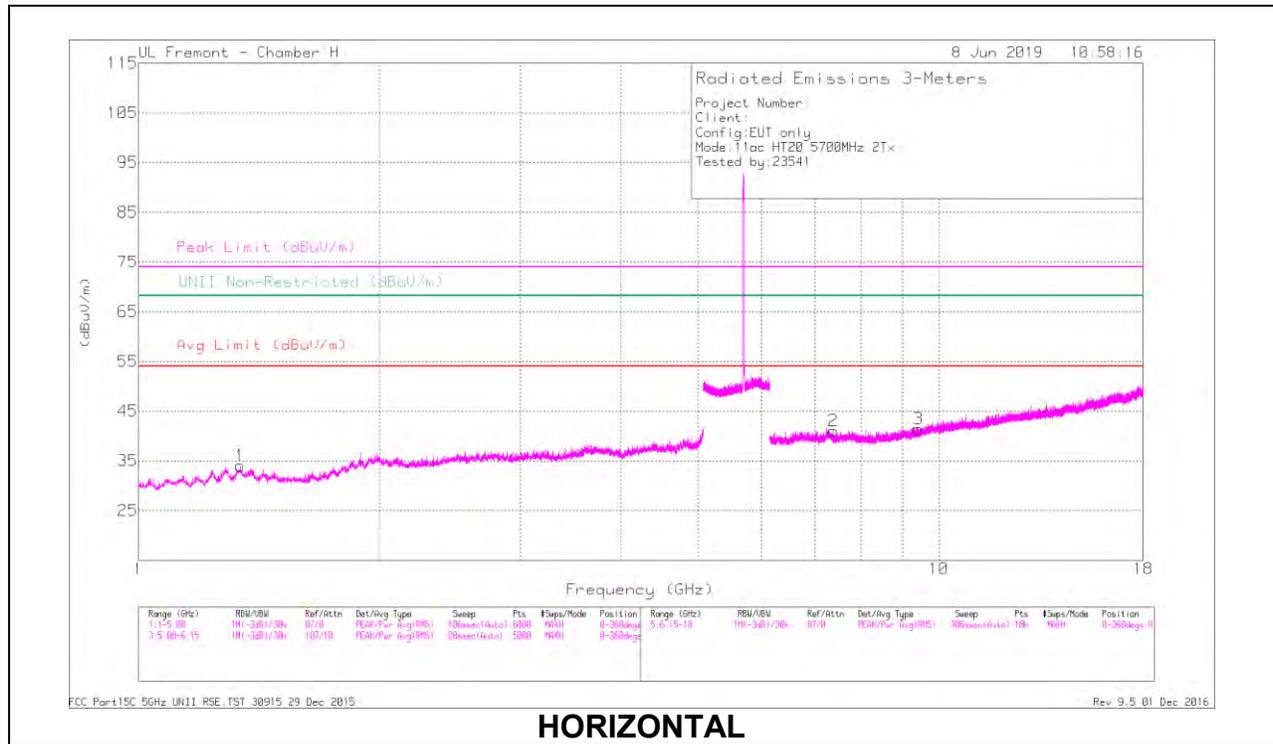
Markers	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T136 (dB/m)	Amp/Cbl/Filtr/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 1.287	44.72	PK-U	29.2	-32.9	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

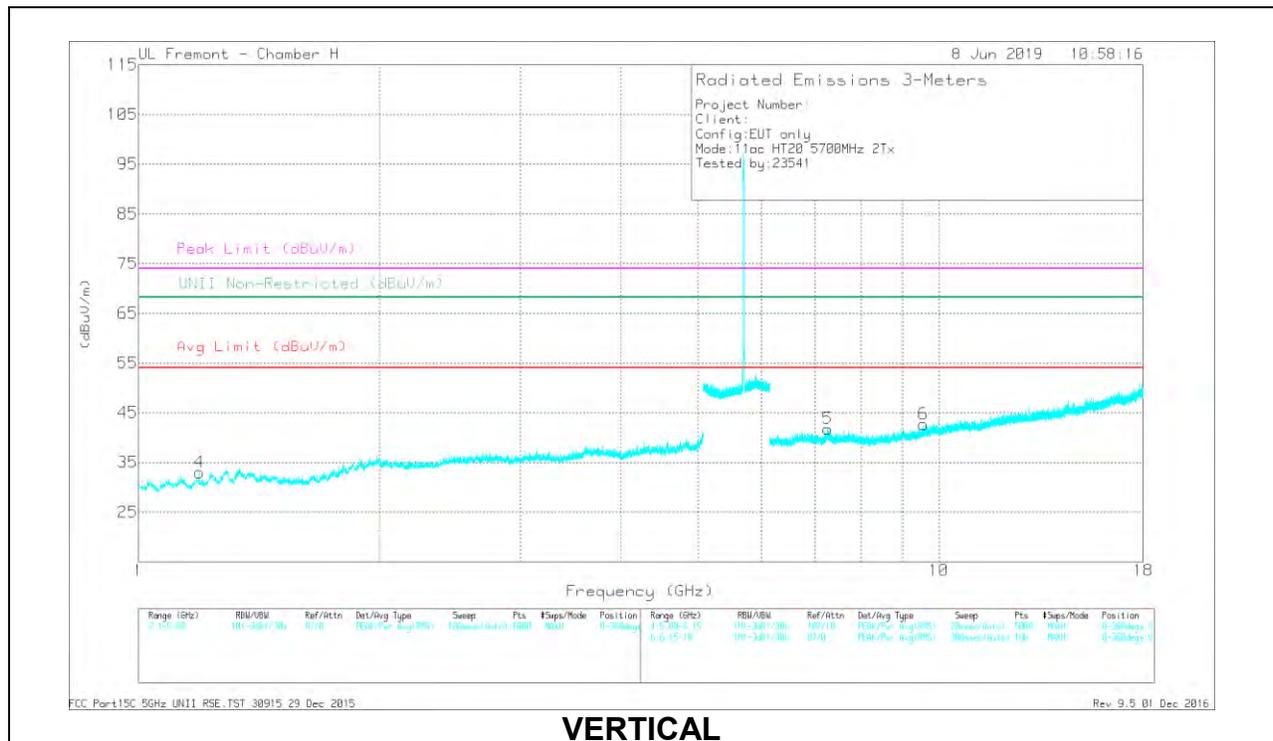
PK-U - U-NII: Maximum Peak

ADR - U-NII AD primary method, RMS average

### HIGH CHANNEL RESULTS



**HORIZONTAL**



**VERTICAL**

**RADIATED EMISSIONS**

Markers	Frequenc y (GHz)	Meter Reading (dBuV)	Det	AF T136 (dBm)	Amp/Cbl/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	* 1.34	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