



# **CERTIFICATION TEST REPORT**

**Report Number. :** 12696946-E4V2

**Applicant :** APPLE, INC.  
1 APPLE PARK WAY  
CUPERTINO, CA 95014, U.S.A.

**Model :** A2111, A2222 AND A2223

**FCC ID :** BCG-E3309A

**EUT Description :** SMARTPHONE

**Test Standard(s) :** FCC 47 CFR PART 15 SUBPART E

**Date Of Issue:**

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## REPORT REVISION HISTORY

Rev.	Issue Date	Revisions	Revised By
V1	7/18/2019	Initial Issue	Tony Li
V2	7/26/2019	Addressed TCB Question on Section 1	Tony Li

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# 1. RADIATED TEST RESULTS

## LIMITS

FCC §15.205 and §15.209 -Restricted bands

FCC §15.407(b)(1-3) -Un-Restricted bands

Frequency Range (MHz)	Field Strength Limit (uV/m) at 3 m	Field Strength Limit (dBuV/m) at 3 m
30 - 88	100	40
88 - 216	150	43.5
216 - 960	200	46
Above 960	500	54

## TEST PROCEDURE

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

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

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

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

The spectrum from 30 MHz to 1GHz and 18GHz to 40 GHz is investigated with the transmitter set to transmit at the channel with highest output power as worst-case scenario. 1GHz to 18GHz was set to the lowest, middle, and highest channels in the 5 GHz bands.

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

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

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

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

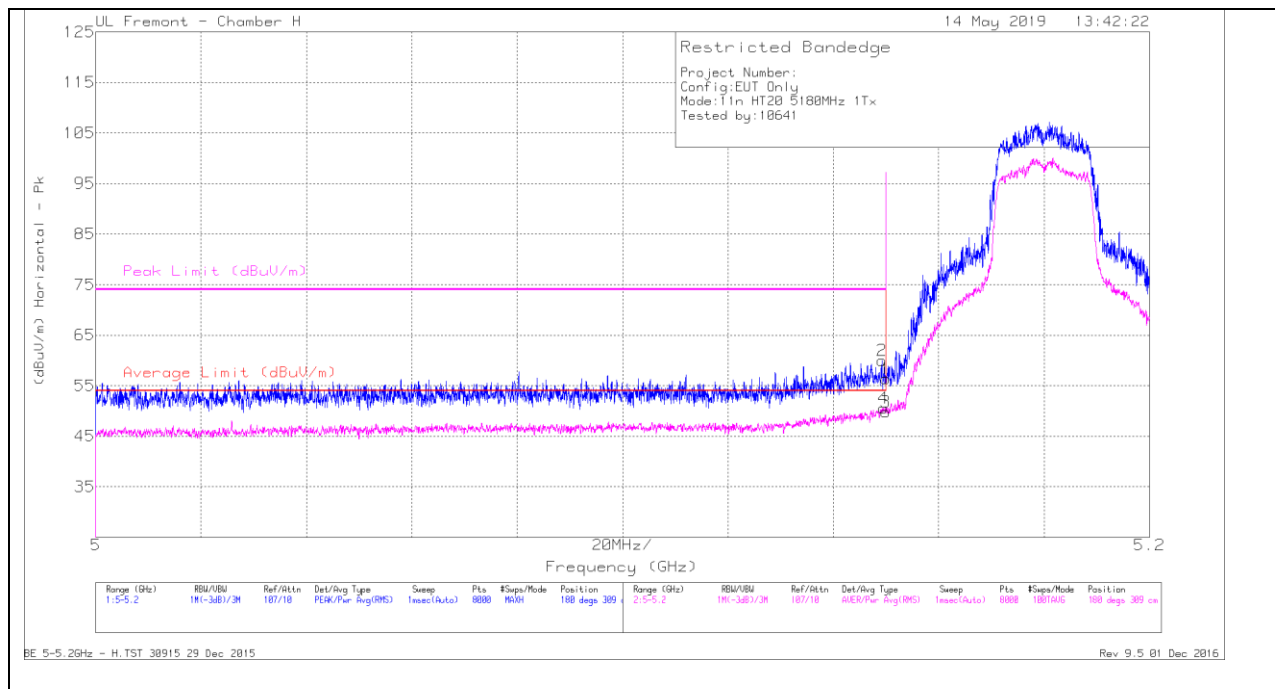
## 1.1. TRANSMITTER ABOVE 1 GHz

### 1.1.1. TX ABOVE 1 GHz 802.11n HT20 MODE IN THE 5.2 GHz BAND

#### 1TX Antenna 4 MODE

#### BANDEDGE (LOW CHANNEL)

#### HORIZONTAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T136 (dB/m)	Amp/Cbl/Filtr/P ad (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 5.15	42.84	Pk	34.4	-20.9	56.34	-	-	74	-17.66	180	309	H
2	* 5.149	46.54	PK	34.4	-21	59.94	-	-	74	-14.06	180	309	H
3	* 5.15	36.25	RMS	34.4	-20.9	49.75	54	-4.25	-	-	180	309	H
4	* 5.15	37.11	RMS	34.4	-21	50.51	54	-3.49	-	-	180	309	H

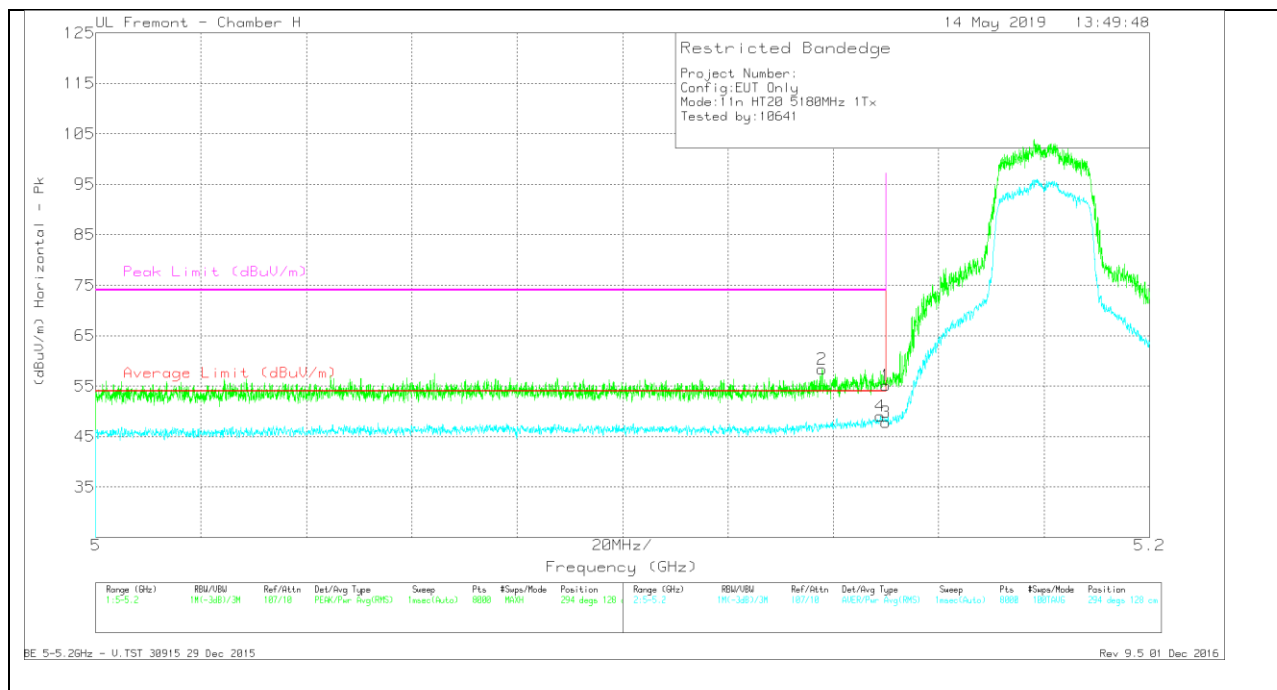
\* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

Pk - Peak detector

RMS - RMS detection

Rev 9.5 01 Dec 2016

### VERTICAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T136 (dB/m)	Amp/Cbl/Filtr/Pad (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 5.15	41.64	Pk	34.4	-20.9	55.14	-	-	74	-18.86	294	128	V
2	* 5.138	44.75	Pk	34.5	-20.9	58.35	-	-	74	-15.65	294	128	V
3	* 5.15	34.3	RMS	34.4	-20.9	47.8	54	-6.2	-	-	294	128	V
4	* 5.149	35.68	RMS	34.4	-21	49.08	54	-4.92	-	-	294	128	V

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

Pk - Peak detector

RMS - RMS detection

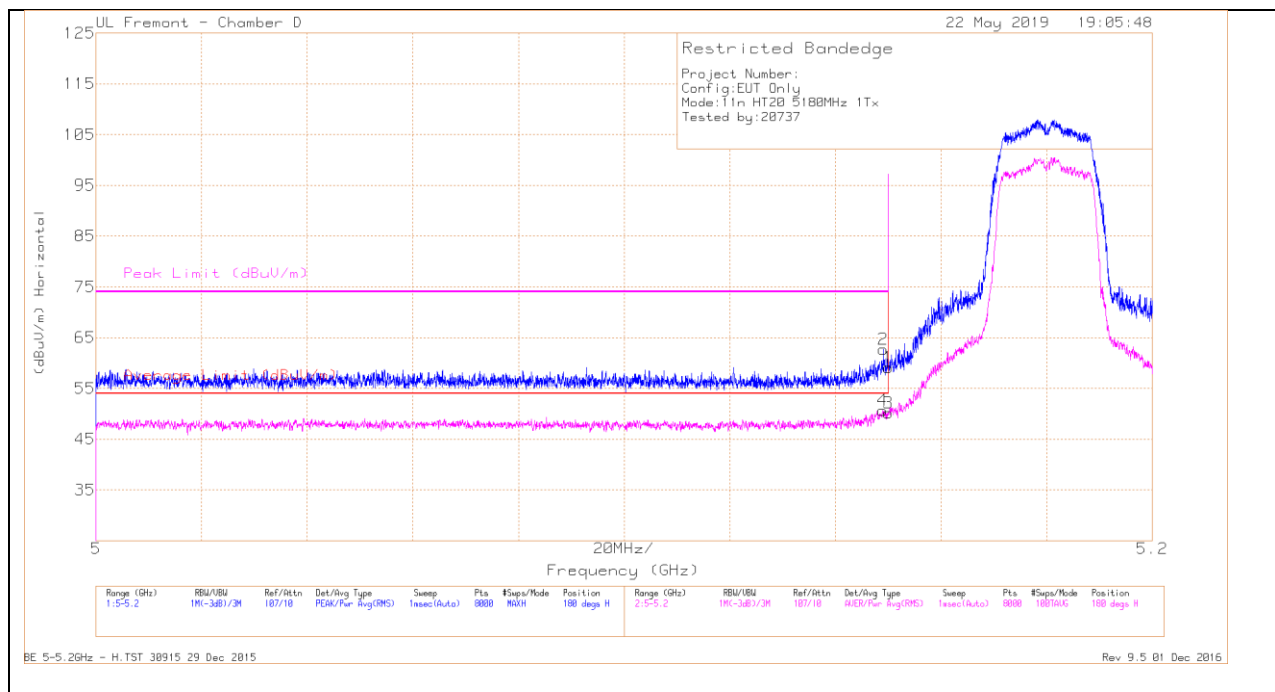
BE 5-5.2GHz - V.TST 30915 29 Dec 2015

Rev 9.5 01 Dec 2016

**1TX Antenna 5 MODE**

**BANDEDGE (LOW CHANNEL)**

**HORIZONTAL RESULT**



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T712 (dB/m)	Amp/Cb/Fltr/P ad (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 5.15	43.46	Pk	34.1	-18.4	59.16	-	-	74	-14.84	180	149	H
2	* 5.149	46.96	Pk	34.1	-18.4	62.66	-	-	74	-11.34	180	149	H
3	* 5.15	34.46	RMS	34.1	-18.4	50.16	54	-3.84	-	-	180	149	H
4	* 5.149	34.96	RMS	34.1	-18.4	50.66	54	-3.34	-	-	180	149	H

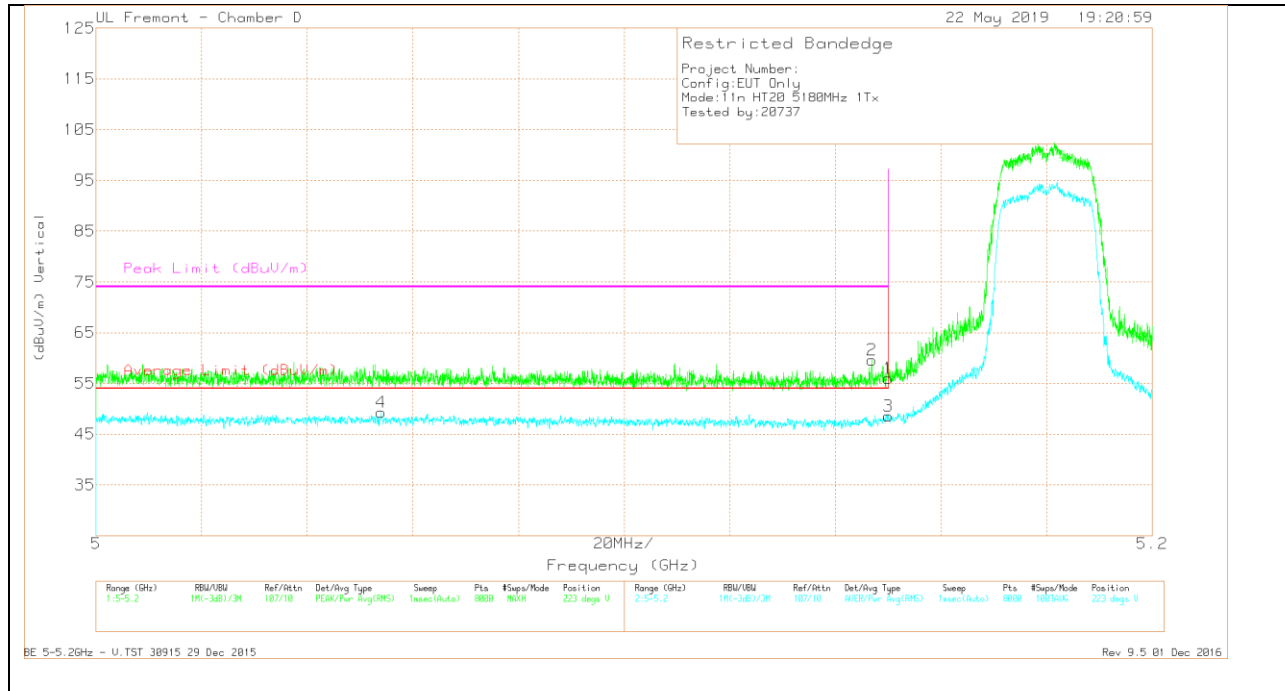
\* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

Pk - Peak detector

RMS - RMS detection



### VERTICAL RESULT



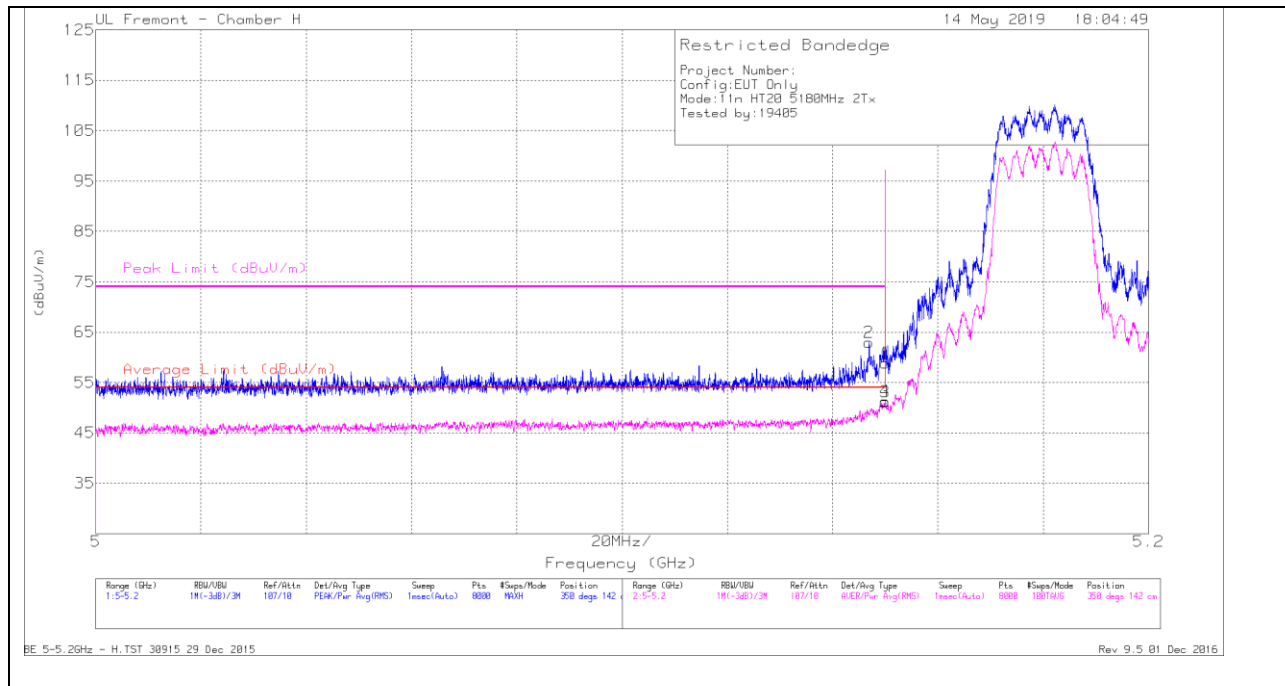
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T712 (dB/m)	Amp/Cbl/Fitr/Pad (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 5.15	40.35	Pk	34.1	-18.4	56.05	-	-	74	-17.95	223	102	V
2	* 5.147	43.92	Pk	34.1	-18.4	59.62	-	-	74	-14.38	223	102	V
3	* 5.15	32.81	RMS	34.1	-18.4	48.51	54	-5.49	-	-	223	102	V
4	* 5.054	33.28	RMS	34	-18	49.28	54	-4.72	-	-	223	102	V

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

**2TX Antenna 4 + Antenna 5 CDD MODE**

**BANDEGE (LOW CHANNEL)**

**HORIZONTAL RESULT**



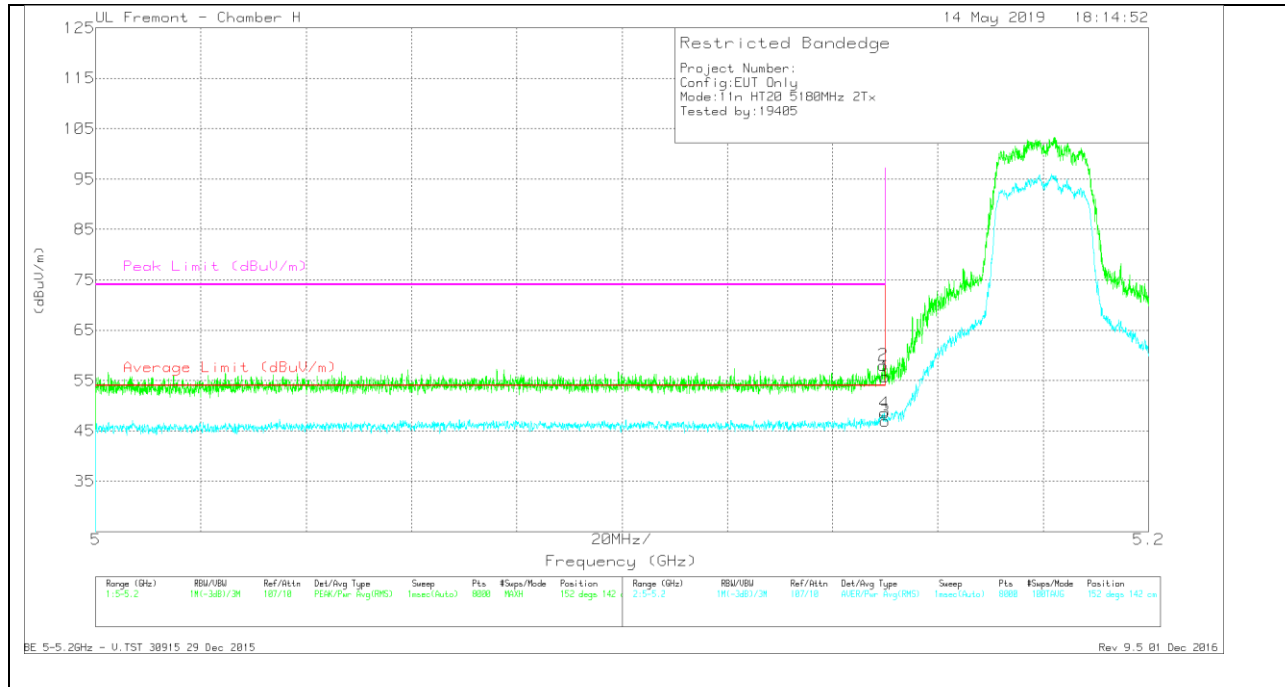
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T136 (dB/m)	Amp/Cbl/Filtr/Pad (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 5.15	45.31	Pk	34.4	-20.9	58.81	-	-	74	-15.19	350	142	H
2	* 5.147	49.53	Pk	34.4	-21	62.93	-	-	74	-11.07	350	142	H
3	* 5.15	37.66	RMS	34.4	-20.9	51.16	54	-2.84	-	-	350	142	H
4	* 5.15	37.73	RMS	34.4	-20.9	51.23	54	-2.77	-	-	350	142	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 T136 (dB/m)	Amp/CbI/Filtr/P ad (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 5.15	42.29	Pk	34.4	-20.9	55.79	-	-	74	-18.21	152	142	V
2	* 5.15	44.55	Pk	34.4	-20.9	58.05	-	-	74	-15.95	152	142	V
3	* 5.15	33.47	RMS	34.4	-20.9	46.97	54	-7.03	-	-	152	142	V
4	* 5.15	35	RMS	34.4	-20.9	48.5	54	-5.5	-	-	152	142	V

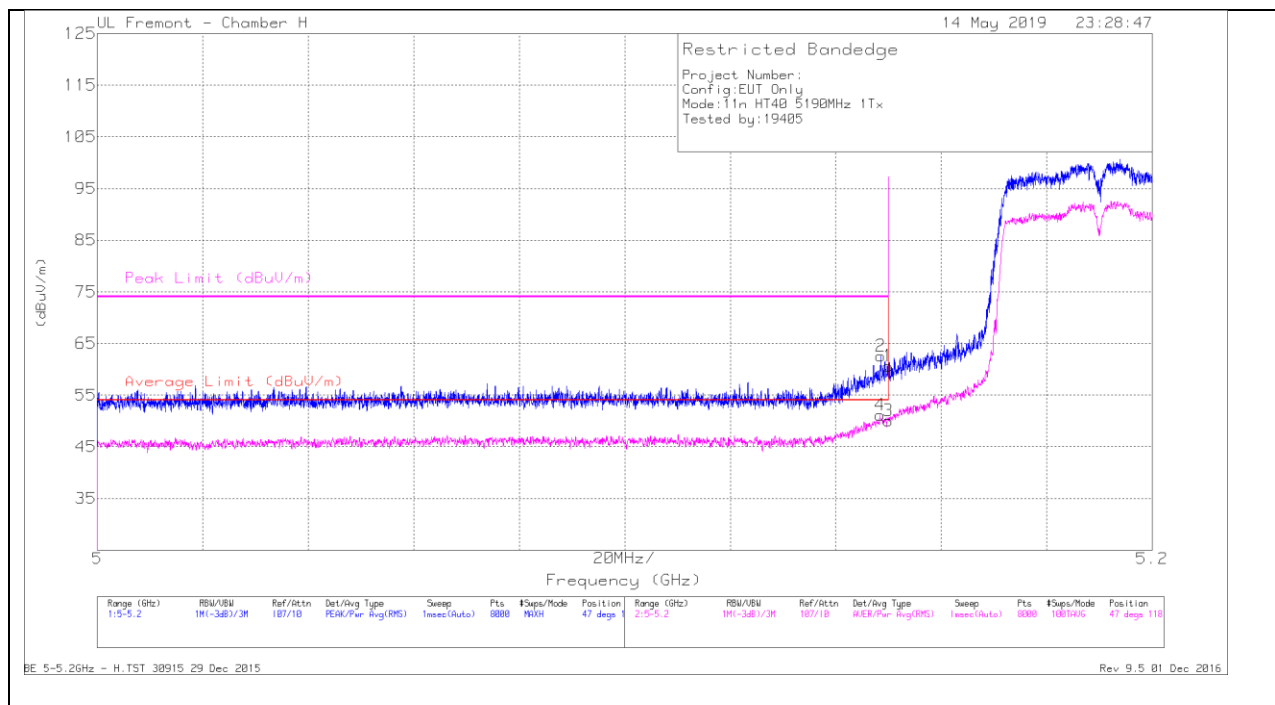
\* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band  
 Pk - Peak detector  
 RMS - RMS detection

**1.1.2. TX ABOVE 1 GHz 802.11n HT40 MODE IN THE 5.2 GHz BAND**

**1TX Antenna 4 MODE**

**BANDEDGE (LOW CHANNEL)**

**HORIZONTAL RESULT**



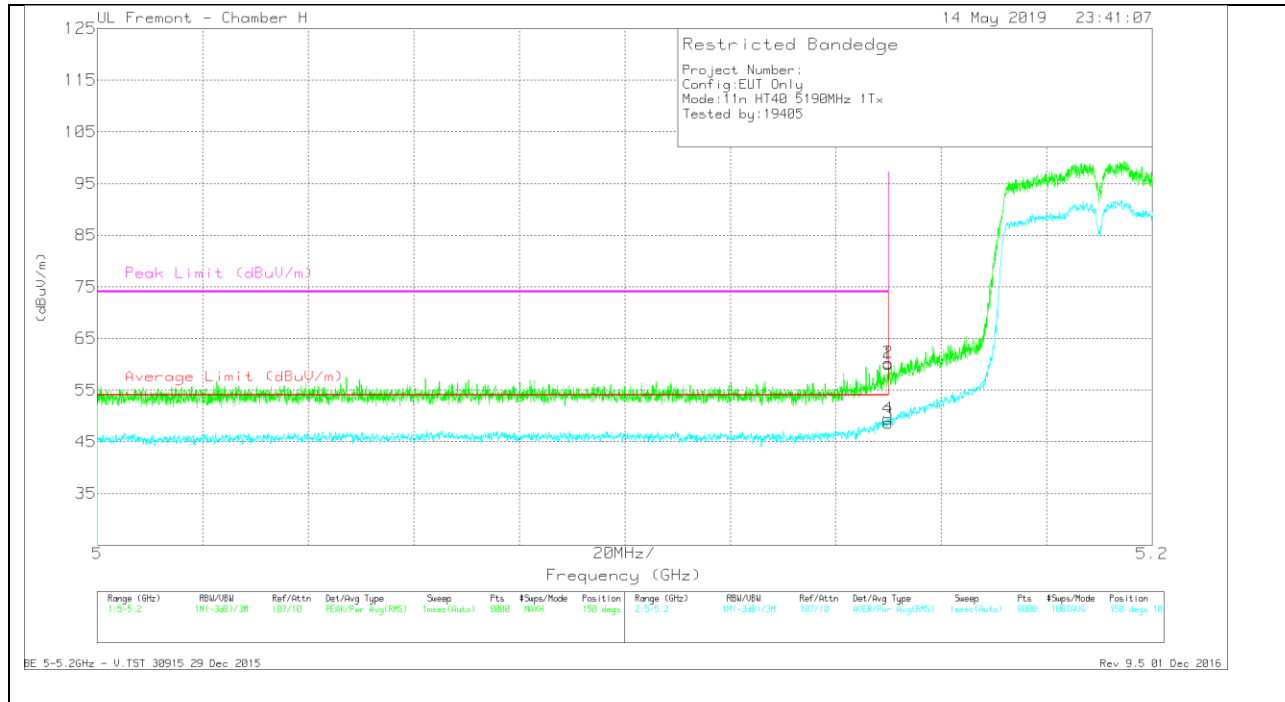
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T136 (dB/m)	Amp/Cbl/Filtr/Pad (dB)	DC Factor (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 5.15	47.15	Pk	34.4	-20.9		60.65	-	-	74	-13.35	47	118	H
2	* 5.148	49.17	Pk	34.4	-21		62.57	-	-	74	-11.43	47	118	H
3	* 5.15	36.55	RMS	34.4	-20.9	0.09	50.14	54	-3.86	-	-	47	118	H
4	* 5.148	37.73	RMS	34.4	-21	0.09	51.22	54	-2.78	-	-	47	118	H

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

Pk - Peak detector

RMS - RMS detection

### VERTICAL RESULT



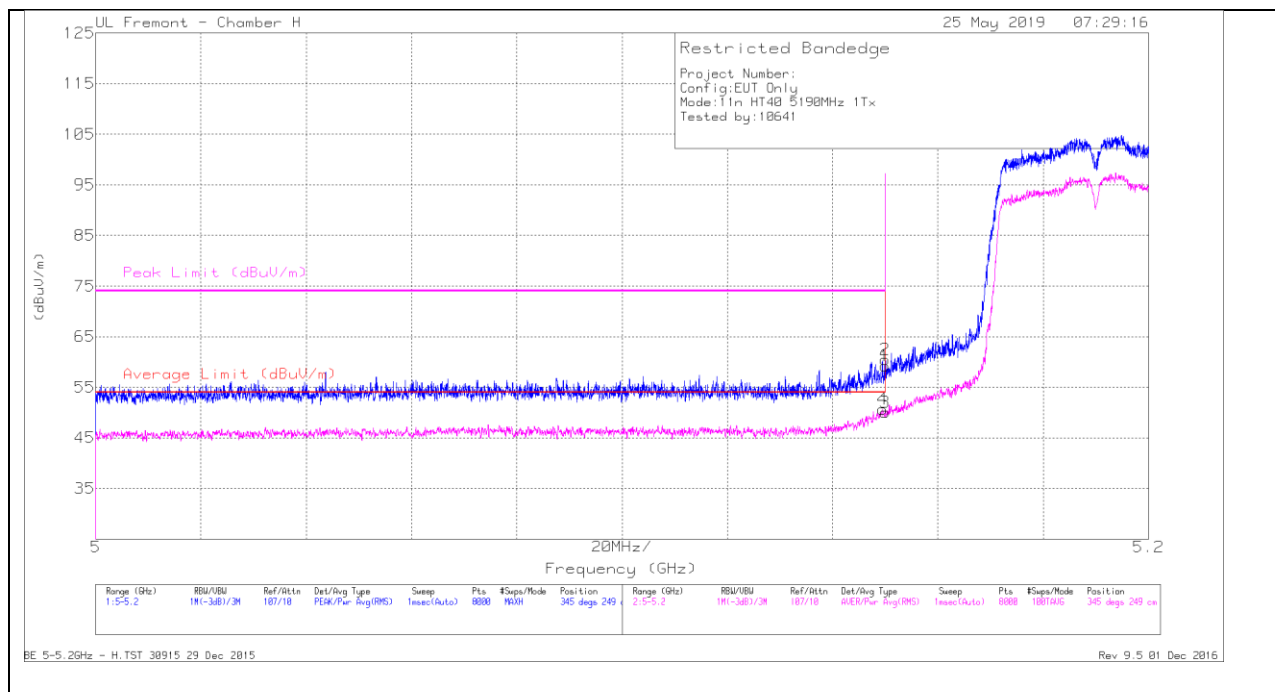
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T136 (dB/m)	Amp/Cbl/Filtr/P ad (dB)	DC Factor (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 5.15	46.54	Pk	34.4	-20.9		60.04	-	-	74	-13.96	150	107	V
2	* 5.15	46.81	Pk	34.4	-20.9		60.31	-	-	74	-13.69	150	107	V
3	* 5.15	35.15	RMS	34.4	-20.9	0.09	48.74	54	-5.26	-	-	150	107	V
4	* 5.15	35.98	RMS	34.4	-20.9	0.09	49.57	54	-4.43	-	-	150	107	V

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

**1TX Antenna 5 MODE**

**BANDEDGE (LOW CHANNEL)**

**HORIZONTAL RESULT**



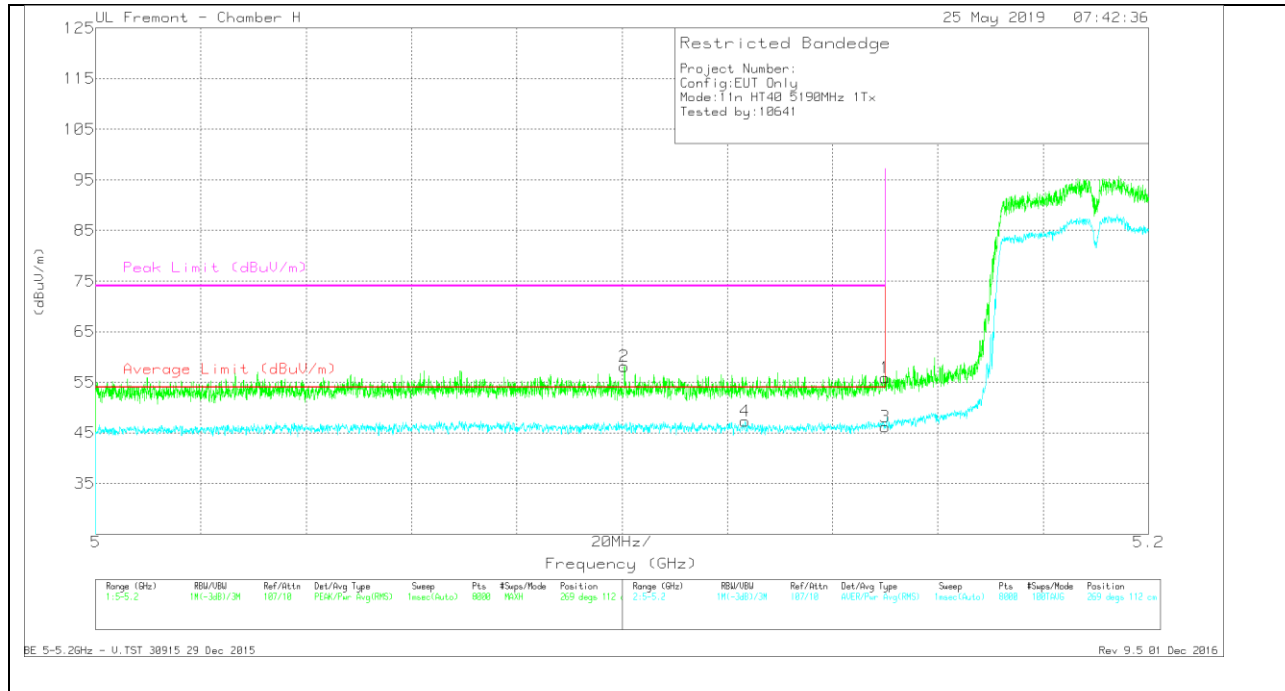
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T136 (dB/m)	Amp/Cb/Filtr/Pad (dB)	DC Factor (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 5.15	45.75	Pk	34.4	-20.9		59.25	-	-	74	-14.75	345	249	H
2	* 5.15	47.02	Pk	34.4	-20.9		60.52	-	-	74	-13.48	345	249	H
3	* 5.15	36.52	RMS	34.4	-20.9	0.09	50.11	54	-3.89	-	-	345	249	H
4	* 5.15	37.21	RMS	34.4	-21	0.09	50.70	54	-3.30	-	-	345	249	H

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

Pk - Peak detector

RMS - RMS detection

### VERTICAL RESULT



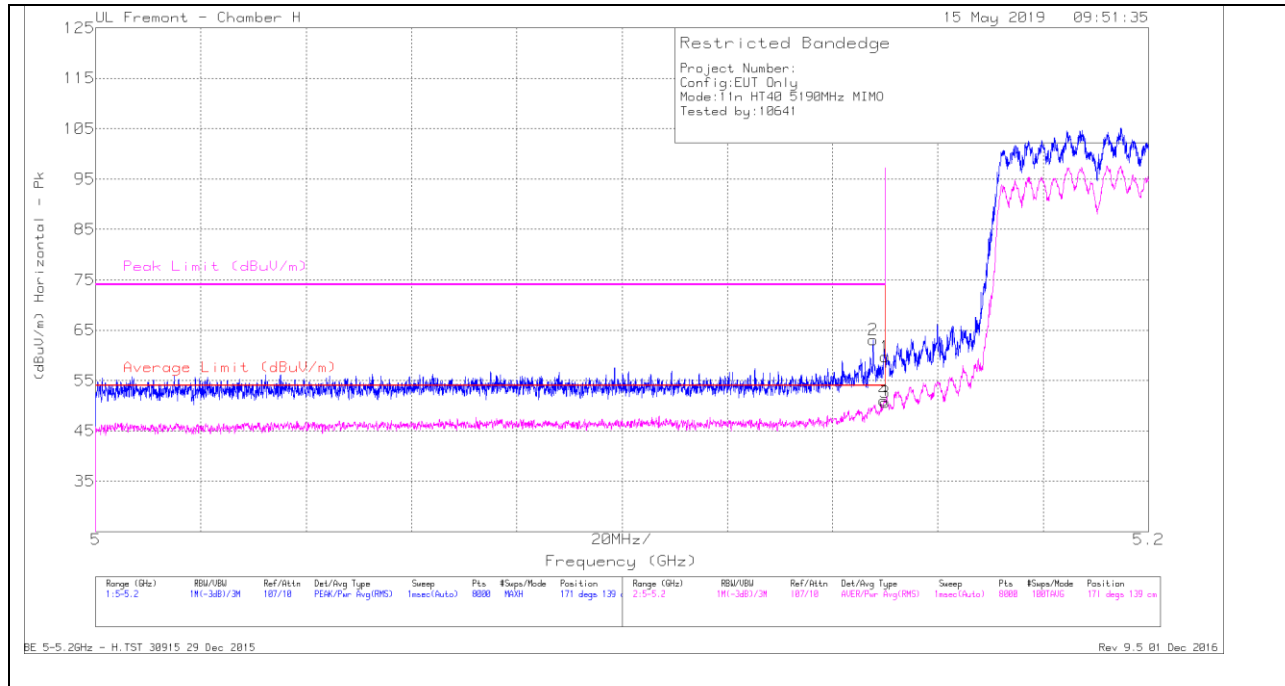
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T136 (dB/m)	Amp/Cbl/Filtr/Pad (dB)	DC Factor (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 5.15	42.39	Pk	34.4	-20.9		55.89	-	-	74	-18.11	269	112	V
2	* 5.1	44.64	Pk	34.4	-20.9		58.14	-	-	74	-15.86	269	112	V
3	* 5.15	32.65	RMS	34.4	-20.9	0.09	46.24	54	-7.76	-	-	269	112	V
4	* 5.123	33.76	RMS	34.4	-20.8	0.09	47.45	54	-6.55	-	-	269	112	V

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

**2TX Antenna 4 + Antenna 5 CDD MODE**

**BANDEDGE (LOW CHANNEL)**

**HORIZONTAL RESULT**



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T136 (dB/m)	Amp/Cbl/Filtr/Pad (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 5.15	46.2	Pk	34.4	-20.9	59.7	-	-	74	-14.3	171	139	H
2	* 5.148	49.68	Pk	34.4	-21	63.08	-	-	74	-10.92	171	139	H
3	* 5.15	37.13	RMS	34.4	-20.9	50.63	54	-3.37	-	-	171	139	H
4	* 5.15	37.57	RMS	34.4	-20.9	51.07	54	-2.93	-	-	171	139	H

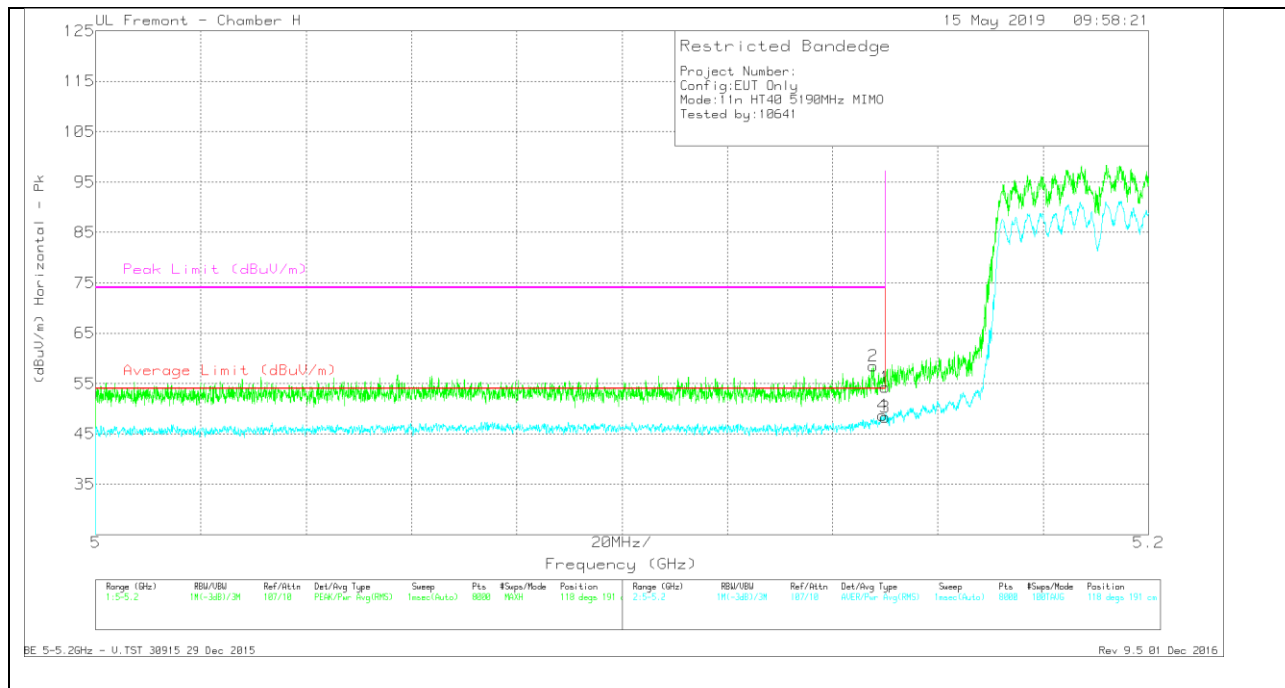
\* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

Pk - Peak detector

RMS - RMS detection



### VERTICAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T136 (dB/m)	Amp/Cbl/Filtr/Pad (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 5.15	40.75	Pk	34.4	-20.9	54.25	-	-	74	-19.75	118	191	V
2	* 5.148	45.04	Pk	34.4	-21	58.44	-	-	74	-15.56	118	191	V
3	* 5.15	34.83	RMS	34.4	-20.9	48.33	54	-5.67	-	-	118	191	V
4	* 5.15	35.28	RMS	34.4	-21	48.68	54	-5.32	-	-	118	191	V

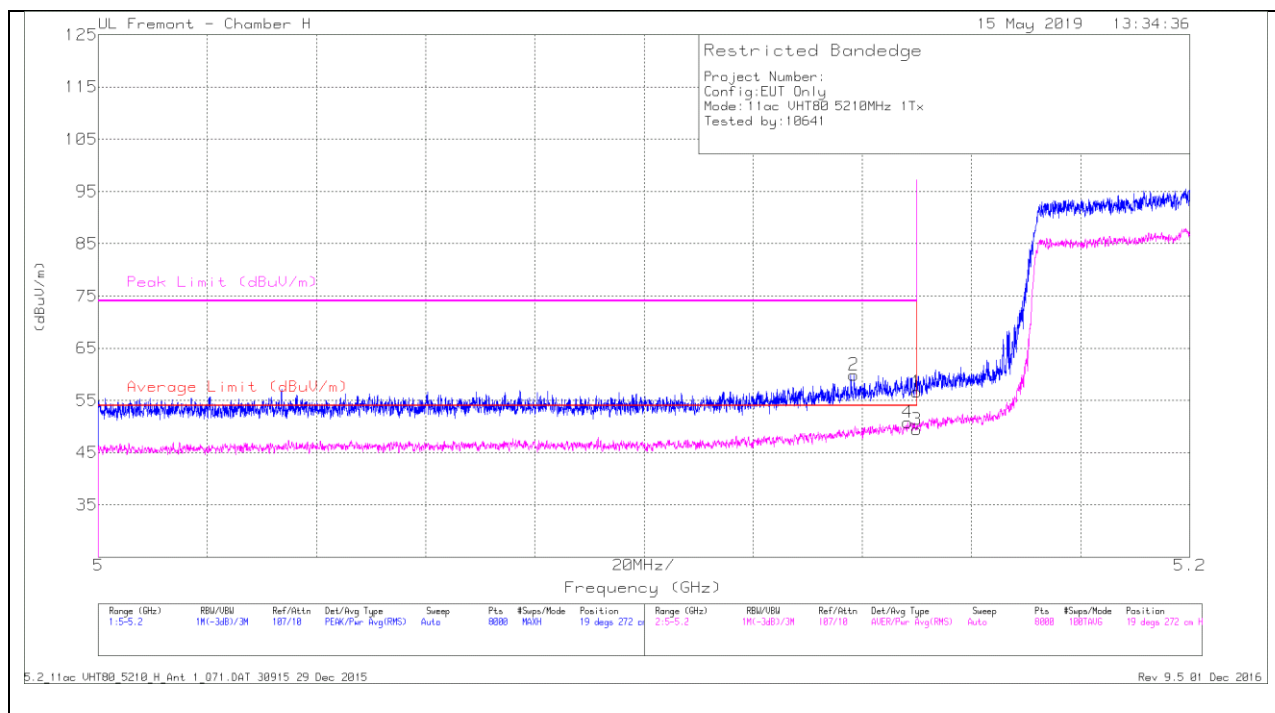
\* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band  
 Pk - Peak detector  
 RMS - RMS detection

**1.1.3. TX ABOVE 1 GHz 802.11ac VHT80 MODE IN THE 5.2 GHz BAND**

**1TX Antenna 4 MODE**

**BANDEDGE (MID CHANNEL)**

**HORIZONTAL RESULT**



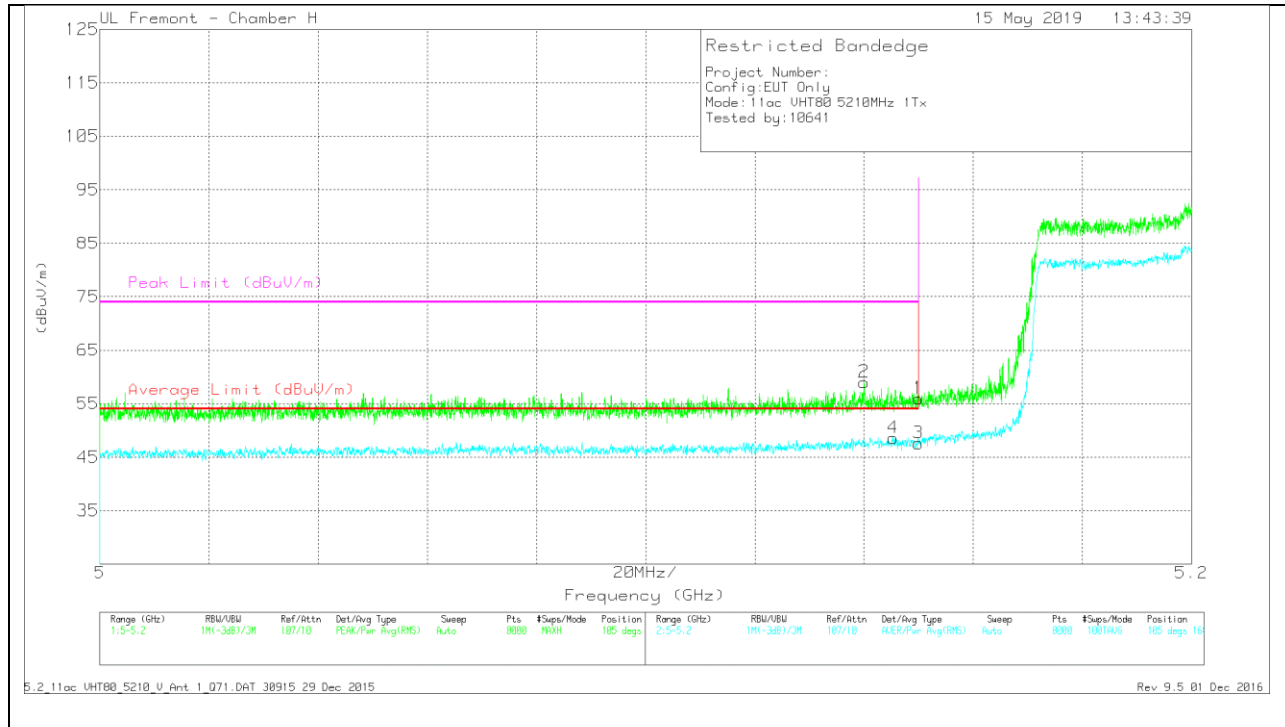
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T136 (dB/m)	Amp/Cb/Filtz/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 5.15	43.13	Pk	34.4	-20.9	0	56.63	-	-	74	-17.37	19	272	H
2	* 5.138	46.31	Pk	34.5	-20.9	0	59.91	-	-	74	-14.09	19	272	H
3	* 5.15	35.7	RMS	34.4	-20.9	.19	49.39	54	-4.61	-	-	19	272	H
4	* 5.148	37.25	RMS	34.4	-21	.19	50.84	54	-3.16	-	-	19	272	H

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

Pk - Peak detector

RMS - RMS detection

### VERTICAL RESULT



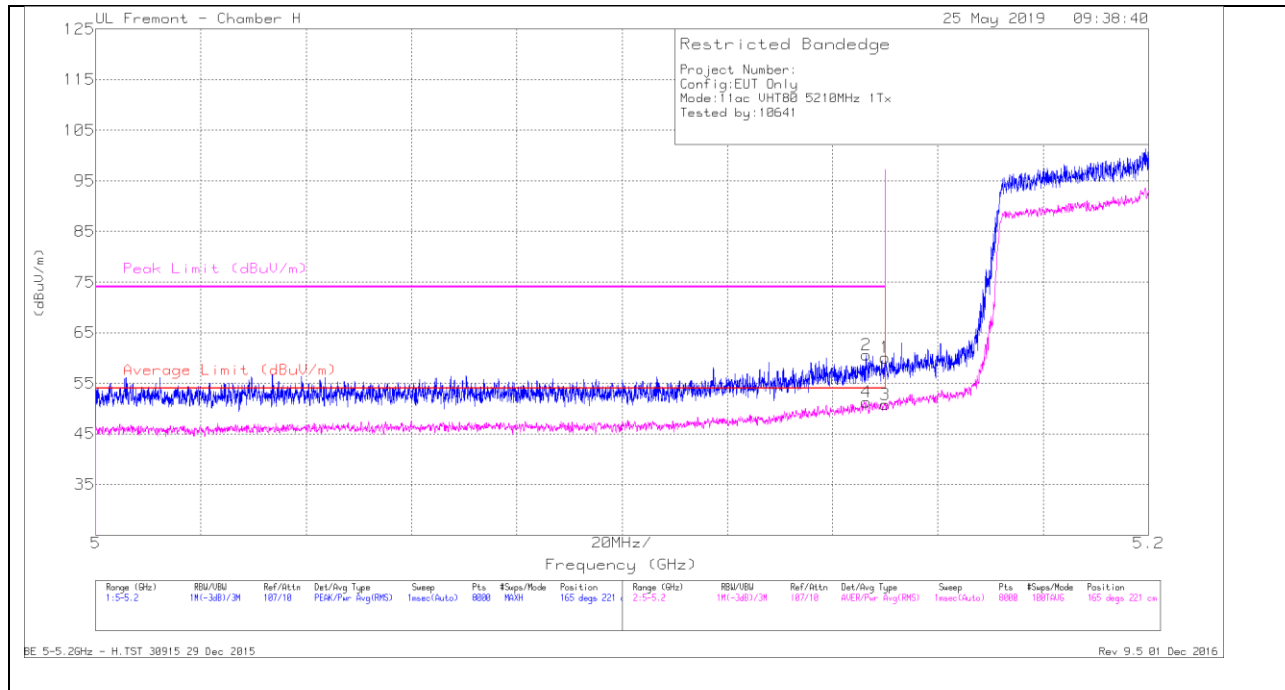
Marker	Frequenc y (GHz)	Meter Reading (dBuV)	Det	AF T136 (dB/m)	Amp/CbW/Ftr/Pad (dB)	DC Corr (dB)	Correcte d Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 5.15	42.44	Pk	34.4	-20.9	0	55.94	-	-	74	-18.06	105	168	V
2	* 5.14	45.41	Pk	34.5	-20.9	0	59.01	-	-	74	-14.99	105	168	V
3	* 5.15	34.09	RMS	34.4	-20.9	.19	47.78	54	-6.22	-	-	105	168	V
4	* 5.145	35.18	RMS	34.4	-21	.19	48.77	54	-5.23	-	-	105	168	V

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

**1TX Antenna 5 MODE**

**BANDEDGE (MID CHANNEL)**

**HORIZONTAL RESULT**



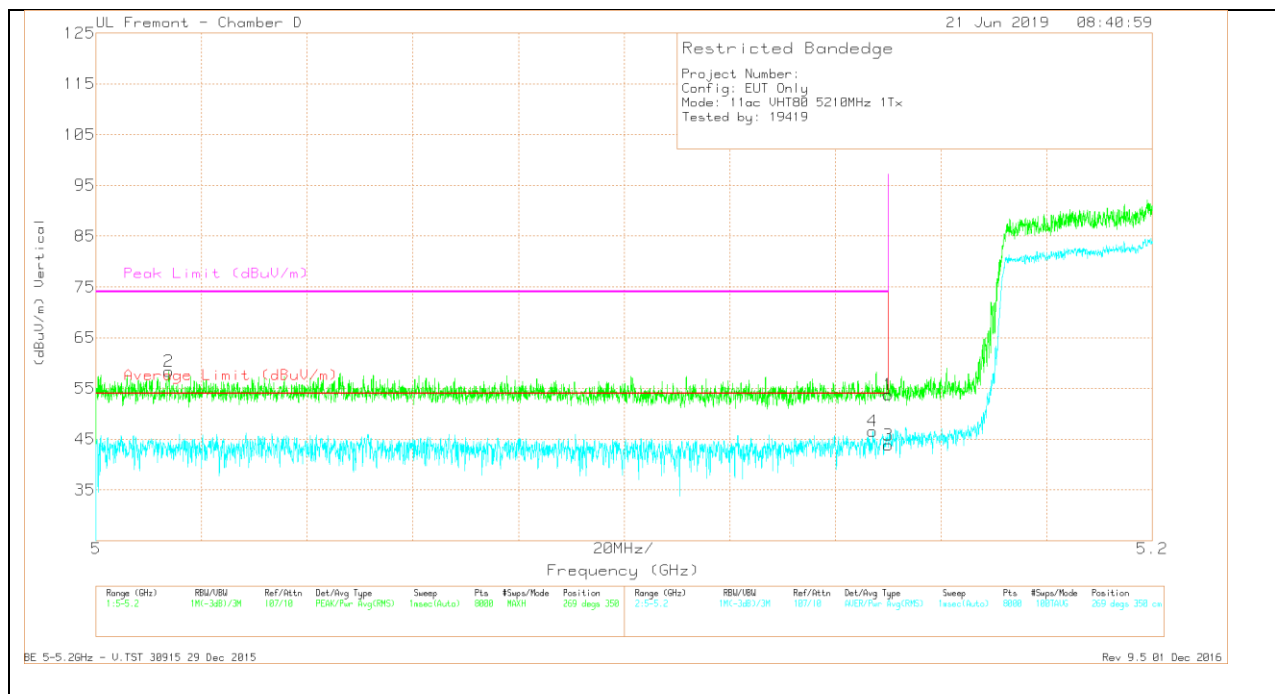
Marker	Frequenc y (GHz)	Meter Reading (dBuV)	Det	AF T136 (dB/m)	Amp/CbWftr/Pad (dB)	DC Corr (dB)	Correcte d Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 5.15	46.54	Pk	34.4	-20.9	0	60.04	-	-	74	-13.96	165	221	H
2	* 5.146	47.14	Pk	34.4	-21	0	60.54	-	-	74	-13.46	165	221	H
3	* 5.15	37.14	RMS	34.4	-20.9	.19	50.83	54	-3.17	-	-	165	221	H
4	* 5.146	37.72	RMS	34.4	-21	.19	51.31	54	-2.69	-	-	165	221	H

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

Pk - Peak detector

RMS - RMS detection

### VERTICAL RESULT



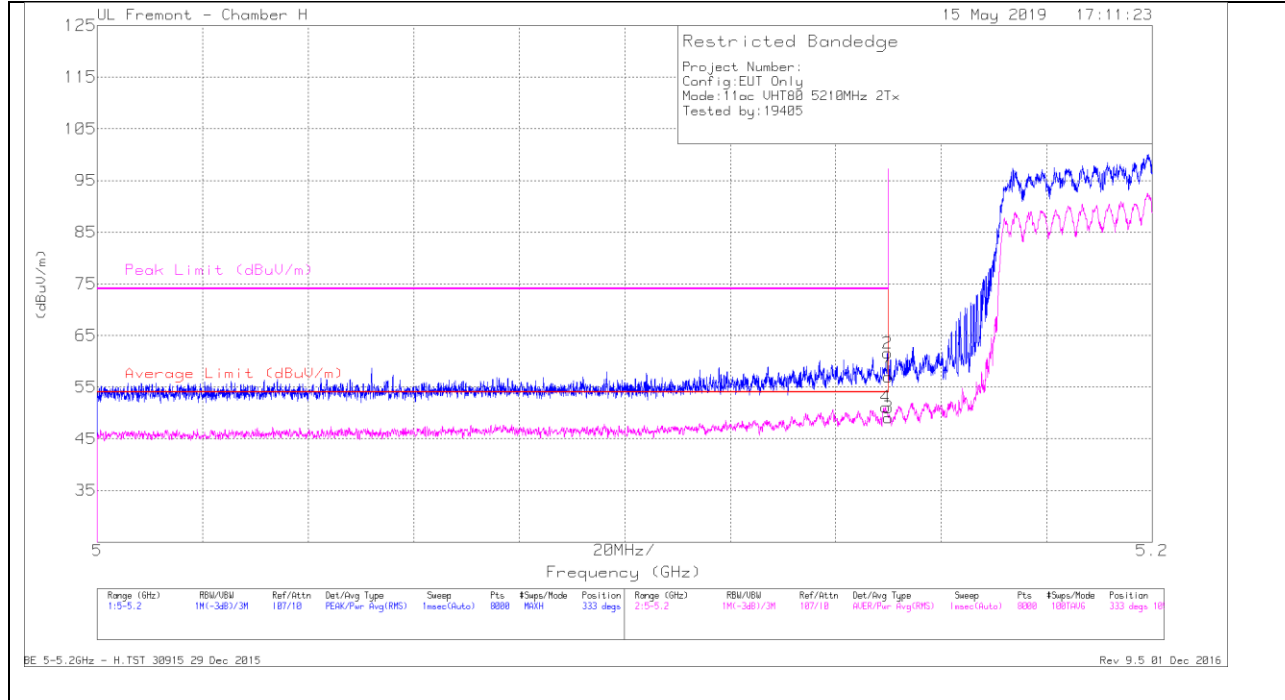
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T712 (dB/m)	Amp/Cb/Filtz/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 5.15	38.02	Pk	34.1	-18.4	0	53.72	-	-	74	-20.28	269	350	V
2	* 5.014	42.34	Pk	34	-18	0	58.34	-	-	74	-15.66	269	350	V
3	* 5.15	27.98	RMS	34.1	-18.4	.19	43.87	54	-10.13	-	-	269	350	V
4	* 5.147	30.72	RMS	34.1	-18.4	.19	46.61	54	-7.39	-	-	269	350	V

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

**2TX Antenna 4 + Antenna 5 CDD MODE**

**BANDEDGE (MID CHANNEL)**

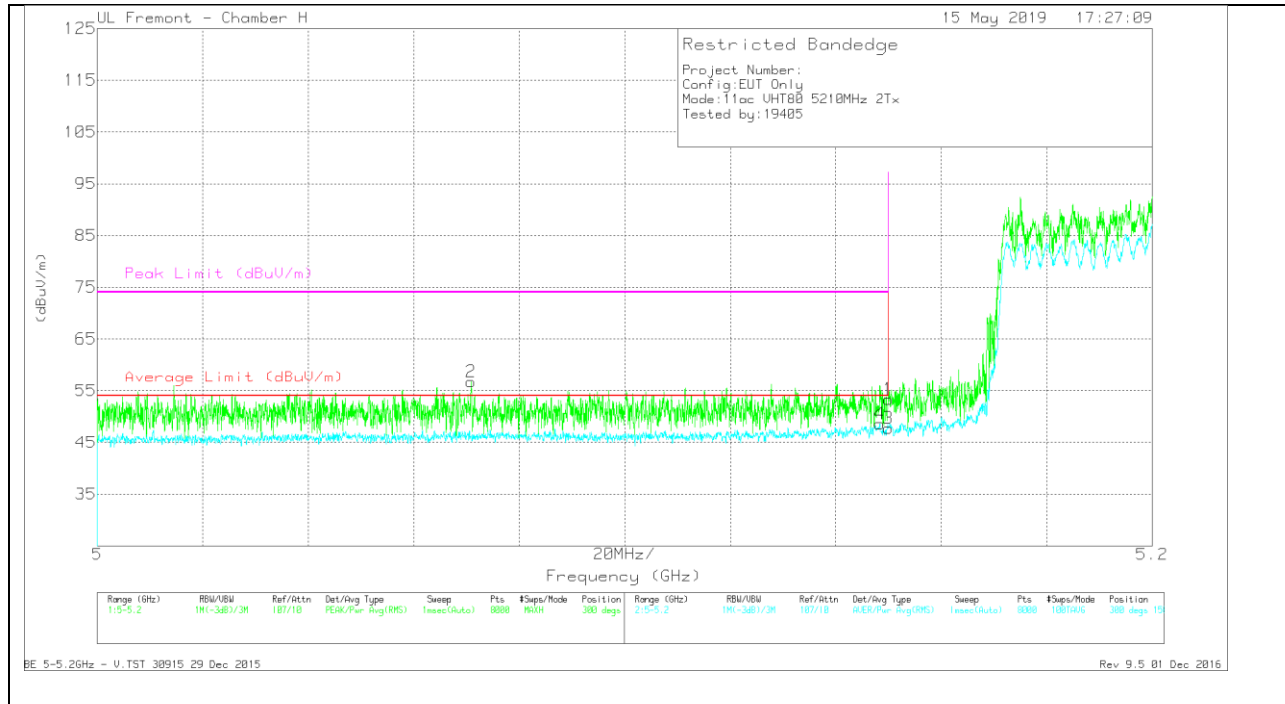
**HORIZONTAL RESULT**



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T136 (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	* 5.15	43.51	Pk	34.4	-20.9	0	57.01	-	-	74	-16.99	333	105	H
2	* 5.15	48.08	PK	34.4	-20.9	0	61.58	-	-	74	-12.42	333	105	H
3	* 5.15	35.6	RMS	34.4	-20.9	.19	49.29	54	-4.79	-	-	333	105	H
4	* 5.149	37.74	RMS	34.4	-21	.19	51.23	54	-2.77	-	-	333	105	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 T136 (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	* 5.15	39.85	Pk	34.4	-20.9	0	53.35	-	-	74	-20.65	300	156	V
2	* 5.071	43.43	Pk	34.3	-21	0	56.73	-	-	74	-17.27	300	156	V
3	* 5.15	34.23	RMS	34.4	-20.9	.19	47.92	54	-6.08	-	-	300	156	V
4	* 5.148	35.2	RMS	34.4	-21	.19	48.79	54	-5.21	-	-	300	156	V

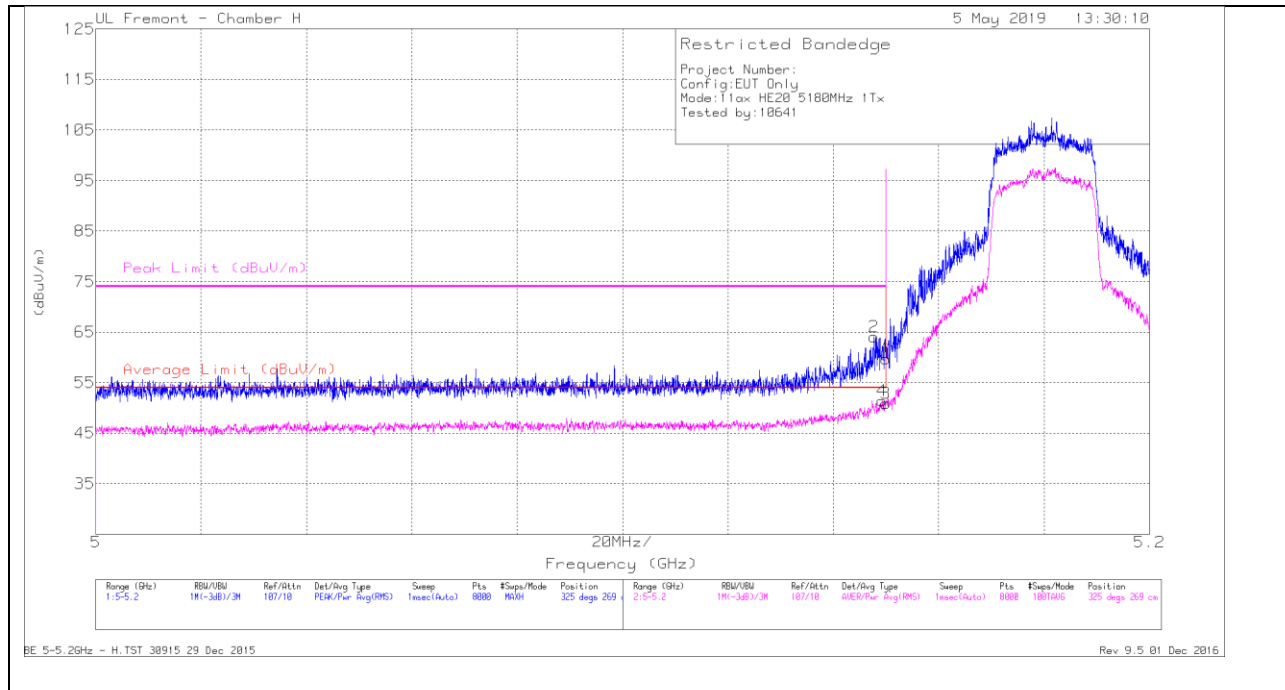
\* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band  
 Pk - Peak detector  
 RMS - RMS detection

**1.1.4. TX ABOVE 1 GHz 802.11ax HE20 MODE IN THE 5.2 GHz BAND**

**1TX Antenna 4 MODE – 242 Tones, RU Index 61**

**BANDEDGE (LOW CHANNEL)**

**HORIZONTAL RESULT**



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AFT136 (dB/m)	Amp/Cbl/Fitr/Pad (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 5.15	46.23	Pk	34.4	-20.9	59.73	-	-	74	-14.27	325	269	H
2	* 5.148	50.69	Pk	34.4	-21	64.09	-	-	74	-9.91	325	269	H
3	* 5.15	37.36	RMS	34.4	-20.9	50.86	54	-3.14	-	-	325	269	H
4	* 5.149	37.96	RMS	34.4	-21	51.36	54	-2.64	-	-	325	269	H

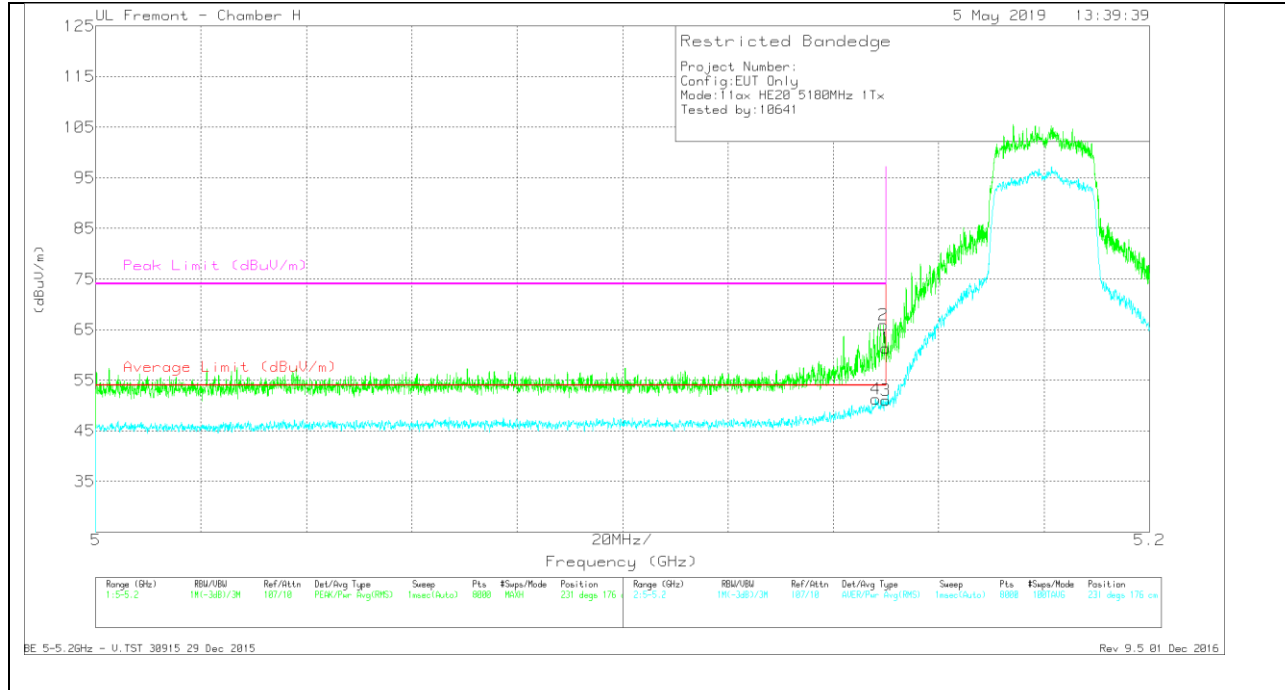
\* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

Pk - Peak detector

RMS - RMS detection



**VERTICAL RESULT**

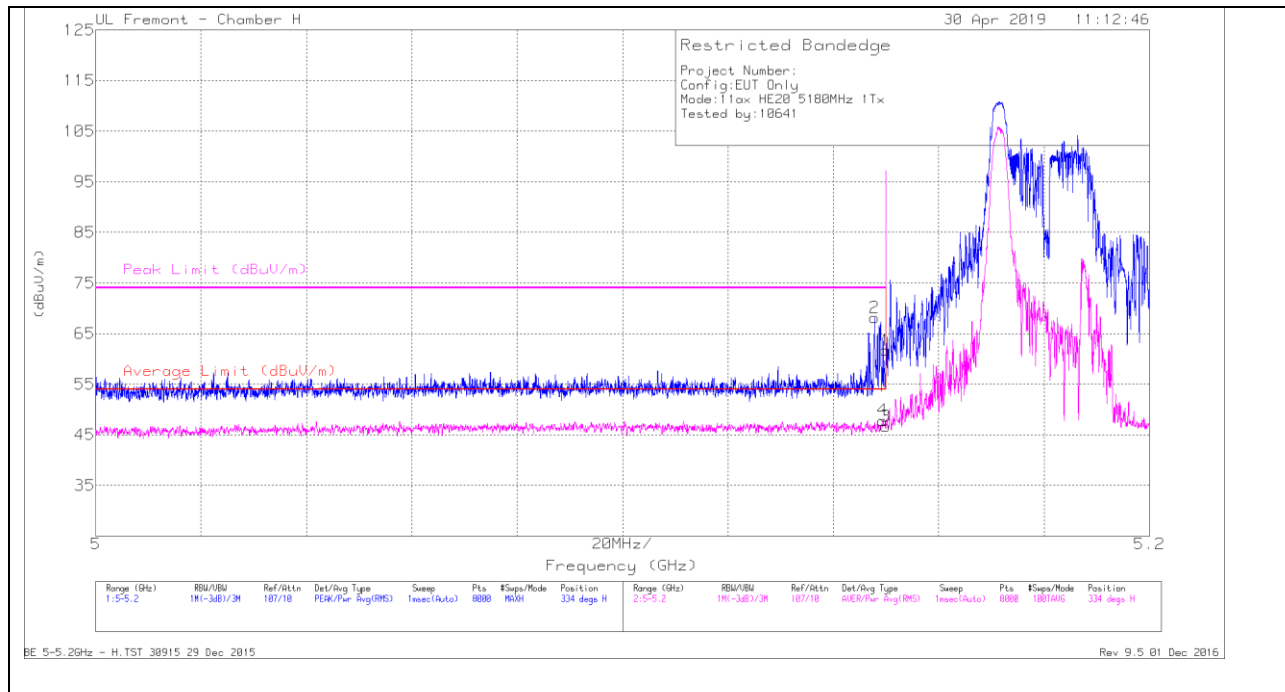


Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T136 (dB/m)	Amp/Cb/Fltr/P ad (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 5.15	47.85	Pk	34.4	-20.9	61.35	-	-	74	-12.65	231	176	V
2	* 5.149	52.54	Pk	34.4	-21	65.94	-	-	74	-8.06	231	176	V
3	* 5.15	37.56	RMS	34.4	-20.9	51.06	54	-2.94	-	-	231	176	V
4	* 5.148	37.85	RMS	34.4	-21	51.25	54	-2.75	-	-	231	176	V

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

**BANDEDGE (LOW CHANNEL)**

**HORIZONTAL RESULT**



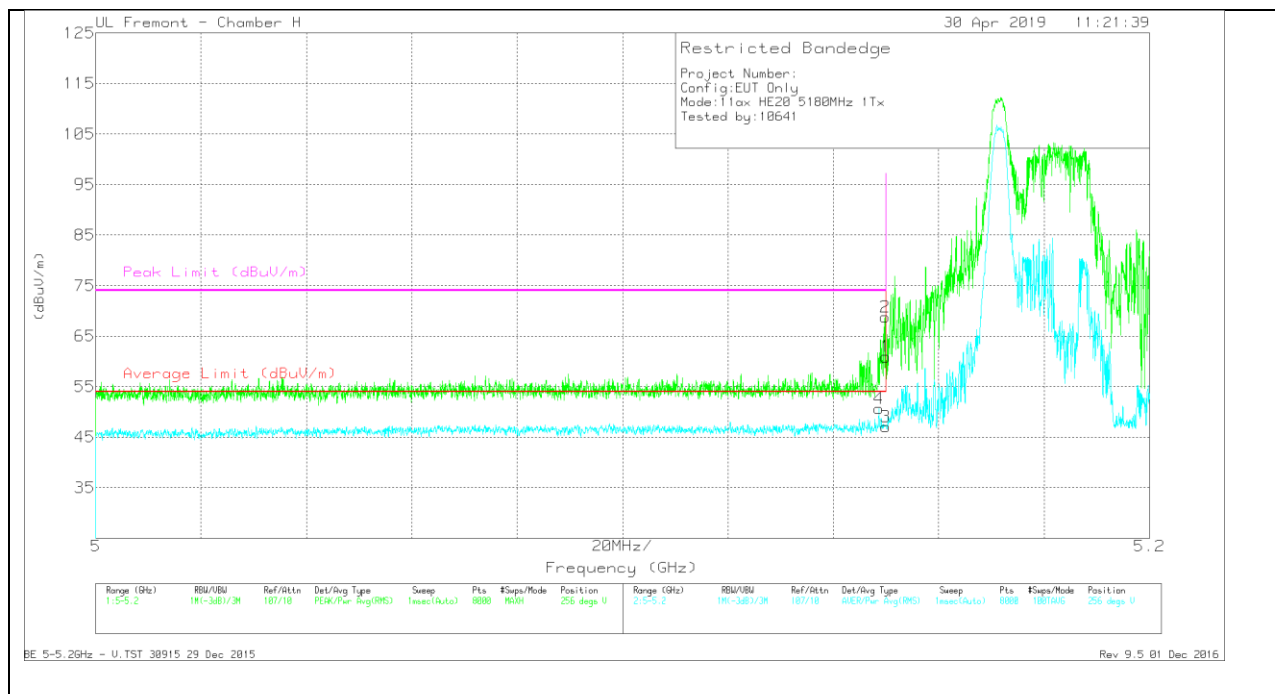
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T136 (dB/m)	Amp/CbI/Fitr/P ad (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 5.15	48.26	Pk	34.4	-20.9	61.76	-	-	74	-12.24	334	347	H
2	* 5.148	54.74	Pk	34.4	-21	68.14	-	-	74	-5.86	334	347	H
3	* 5.15	33.23	RMS	34.4	-20.9	46.73	54	-7.27	-	-	334	347	H
4	* 5.149	34.47	RMS	34.4	-21	47.87	54	-6.13	-	-	334	347	H

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

Pk - Peak detector

RMS - RMS detection

### VERTICAL RESULT

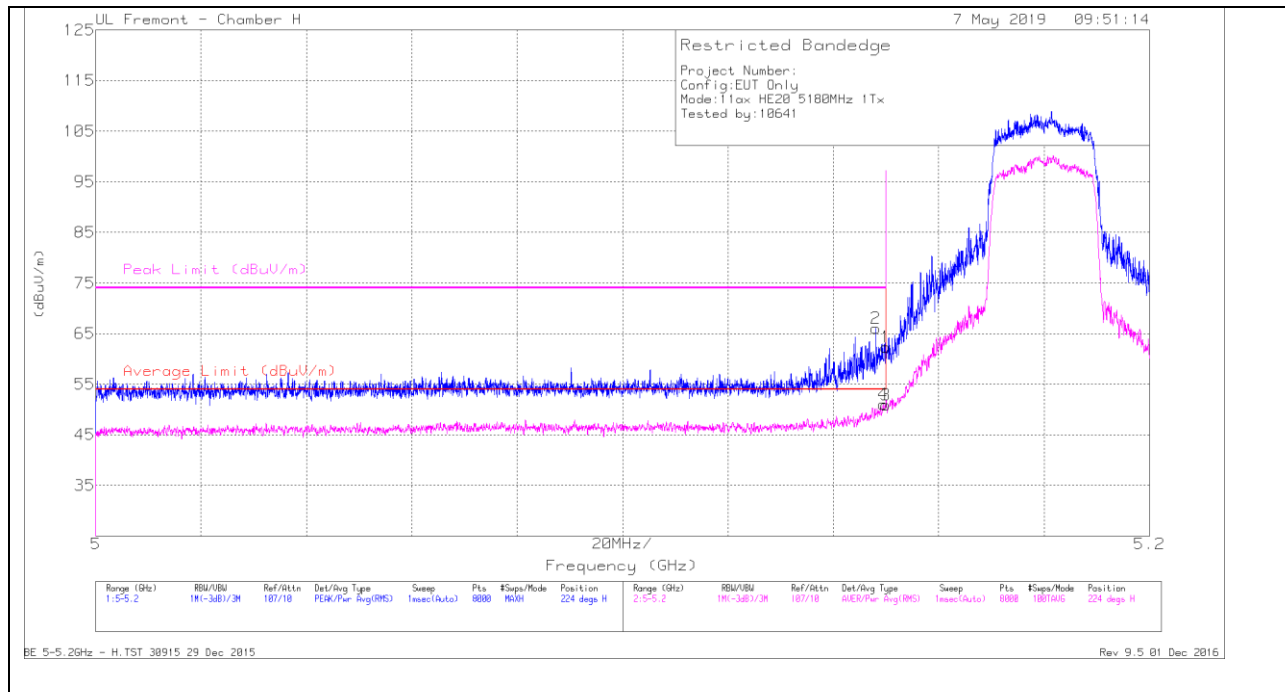


Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T136 (dB/m)	Amp/Cbl/Filtr/P ad (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 5.15	47.41	Pk	34.4	-20.9	60.91	-	-	74	-13.09	256	173	V
2	* 5.15	55.25	Pk	34.4	-20.9	68.75	-	-	74	-5.25	256	173	V
3	* 5.15	33.58	RMS	34.4	-20.9	47.08	54	-6.92	-	-	256	173	V
4	* 5.149	37.27	RMS	34.4	-21	50.67	54	-3.33	-	-	256	173	V

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

**BANDEDGE (LOW CHANNEL)**

**HORIZONTAL RESULT**



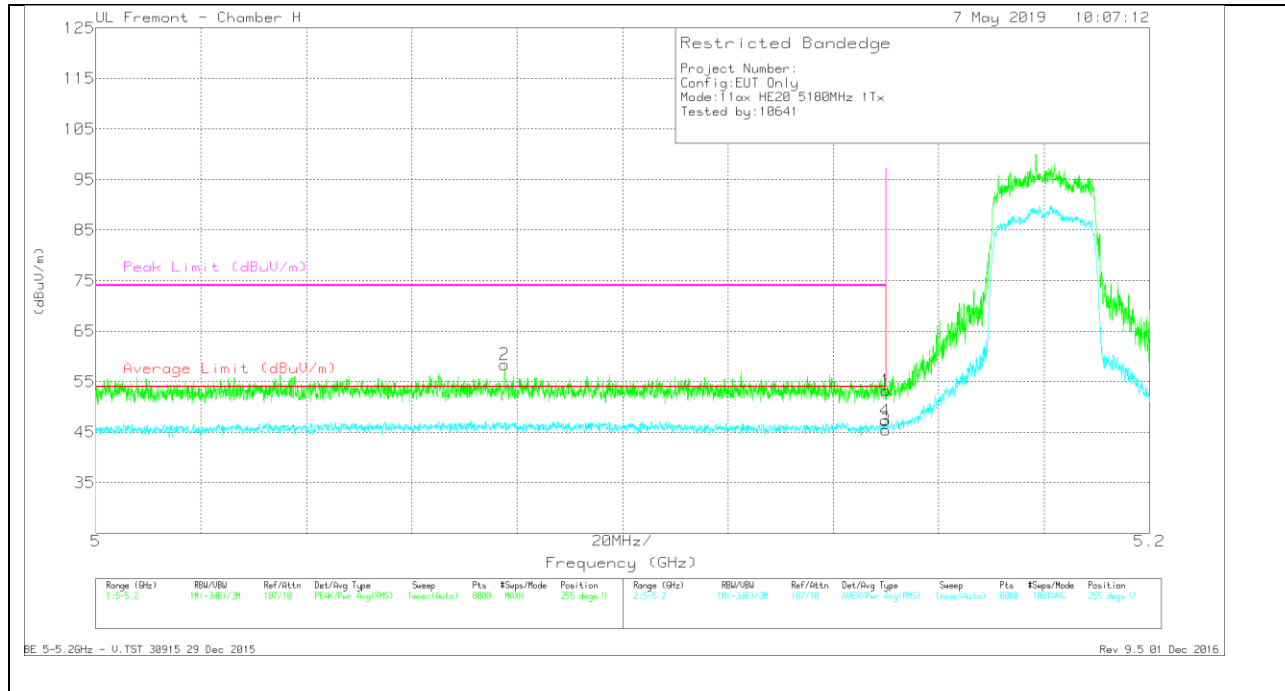
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T136 (dB/m)	Amp/Cbl/Fitr/P ad (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 5.15	48.78	Pk	34.4	-20.9	62.28	-	-	74	-11.72	224	100	H
2	* 5.148	52.63	Pk	34.4	-21	66.03	-	-	74	-7.97	224	100	H
3	* 5.15	37.45	RMS	34.4	-20.9	50.95	54	-3.05	-	-	224	100	H
4	* 5.149	37.67	RMS	34.4	-21	51.07	54	-2.93	-	-	224	100	H

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

Pk - Peak detector

RMS - RMS detection

### VERTICAL RESULT

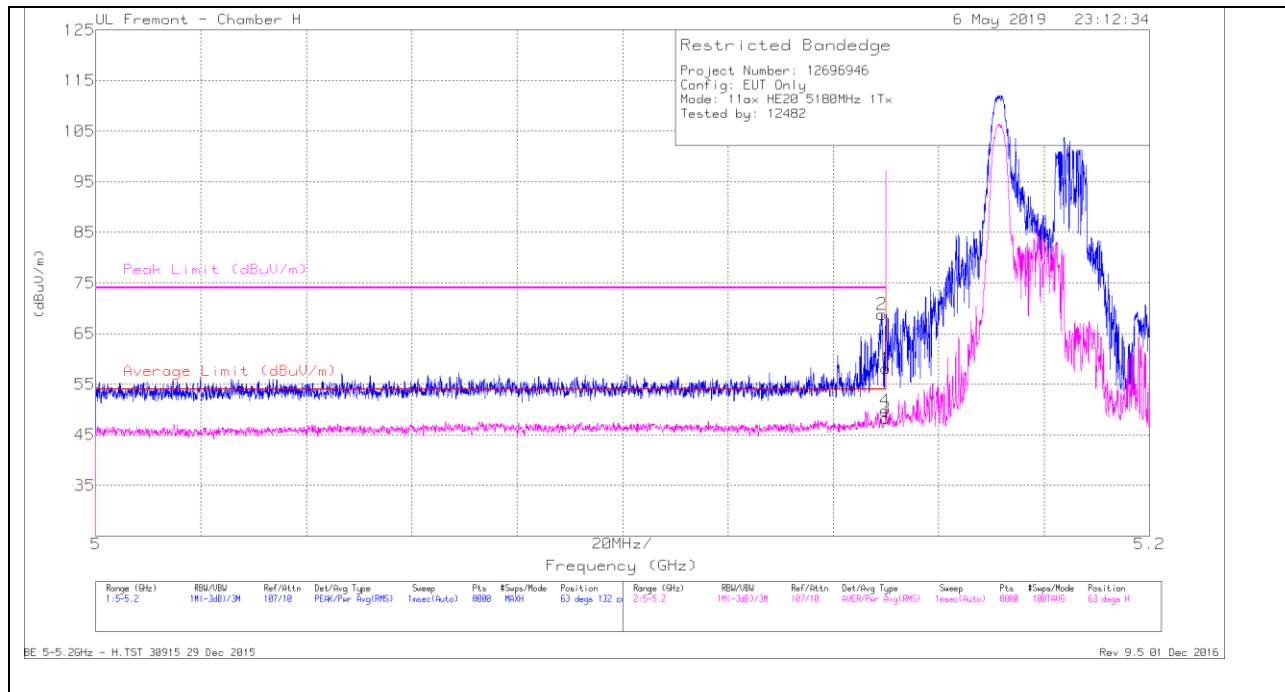


Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T136 (dB/m)	Amp/Cbl/Filtr/P ad (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 5.15	39.75	Pk	34.4	-20.9	53.25	-	-	74	-20.75	255	377	V
2	* 5.078	44.92	Pk	34.4	-20.9	58.42	-	-	74	-15.58	255	377	V
3	* 5.15	31.97	RMS	34.4	-20.9	45.47	54	-8.53	-	-	255	377	V
4	* 5.15	33.8	RMS	34.4	-20.9	47.3	54	-6.7	-	-	255	377	V

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

**BANDEDGE (LOW CHANNEL)**

**HORIZONTAL RESULT**



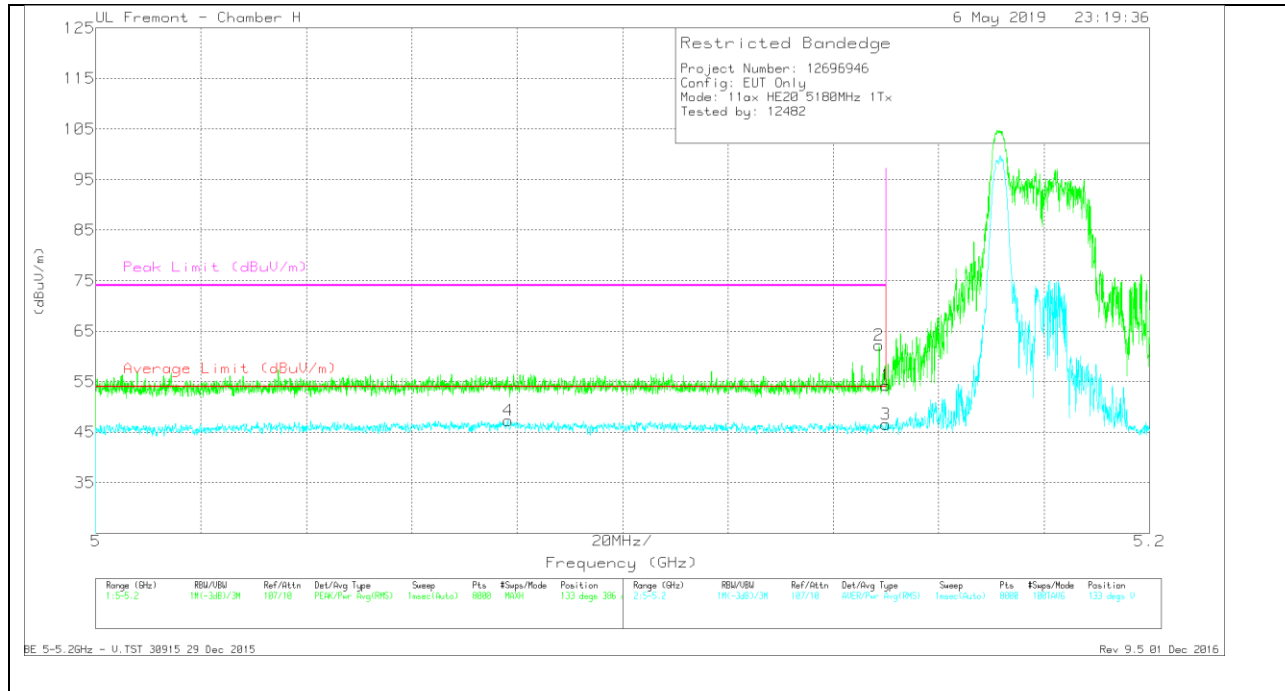
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T136 (dB/m)	Amp/Cbl/Filtr/P ad (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 5.15	44.66	Pk	34.4	-20.9	58.16	-	-	74	-15.84	63	132	H
2	* 5.149	55.45	Pk	34.4	-21	68.85	-	-	74	-5.15	63	132	H
3	* 5.15	34.83	RMS	34.4	-20.9	48.33	54	-5.67	-	-	63	132	H
4	* 5.15	36.33	RMS	34.4	-20.9	49.83	54	-4.17	-	-	63	132	H

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

Pk - Peak detector

RMS - RMS detection

### VERTICAL RESULT

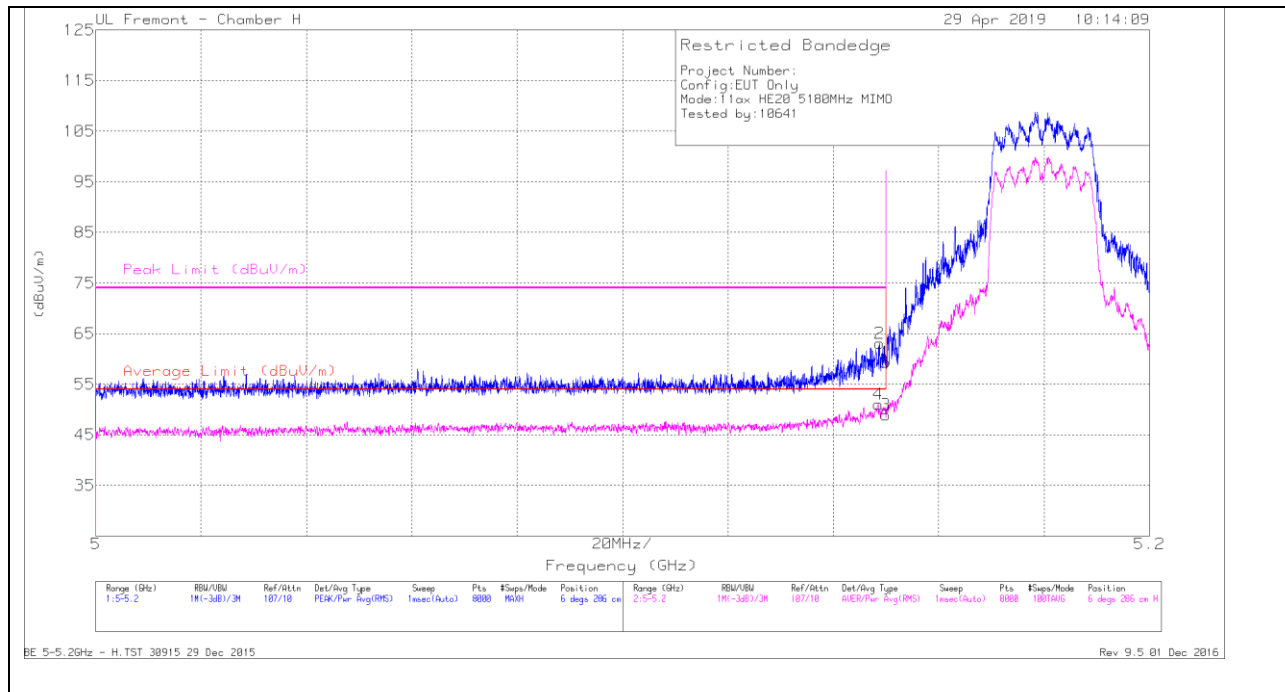


Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T136 (dB/m)	Amp/Cbl/Fitr/P ad (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 5.15	40.79	Pk	34.4	-20.9	54.29	-	-	74	-19.71	133	386	V
2	* 5.149	48.77	Pk	34.4	-21	62.17	-	-	74	-11.83	133	386	V
3	* 5.15	33.08	RMS	34.4	-20.9	46.58	54	-7.42	-	-	133	386	V
4	* 5.078	33.78	RMS	34.4	-20.9	47.28	54	-6.72	-	-	133	386	V

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

**BANDEDGE (LOW CHANNEL)**

**HORIZONTAL RESULT**



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T136 (dB/m)	Amp/Cb/Fitr/P ad (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 5.15	45.85	Pk	34.4	-20.9	59.35	-	-	74	-14.65	6	286	H
2	* 5.149	49.73	Pk	34.4	-21	63.13	-	-	74	-10.87	6	286	H
3	* 5.15	35.41	RMS	34.4	-20.9	48.91	54	-5.09	-	-	6	286	H
4	* 5.148	37.6	RMS	34.4	-21	51	54	-3	-	-	6	286	H

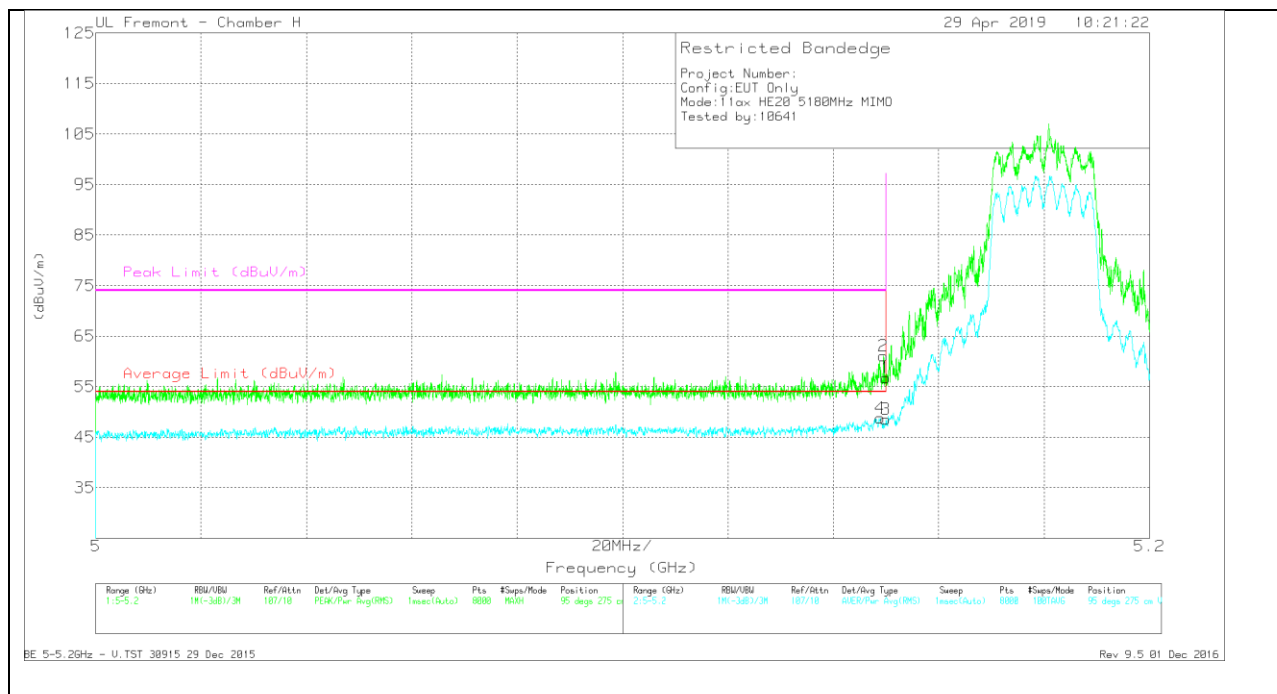
\* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

Pk - Peak detector

RMS - RMS detection



### VERTICAL RESULT

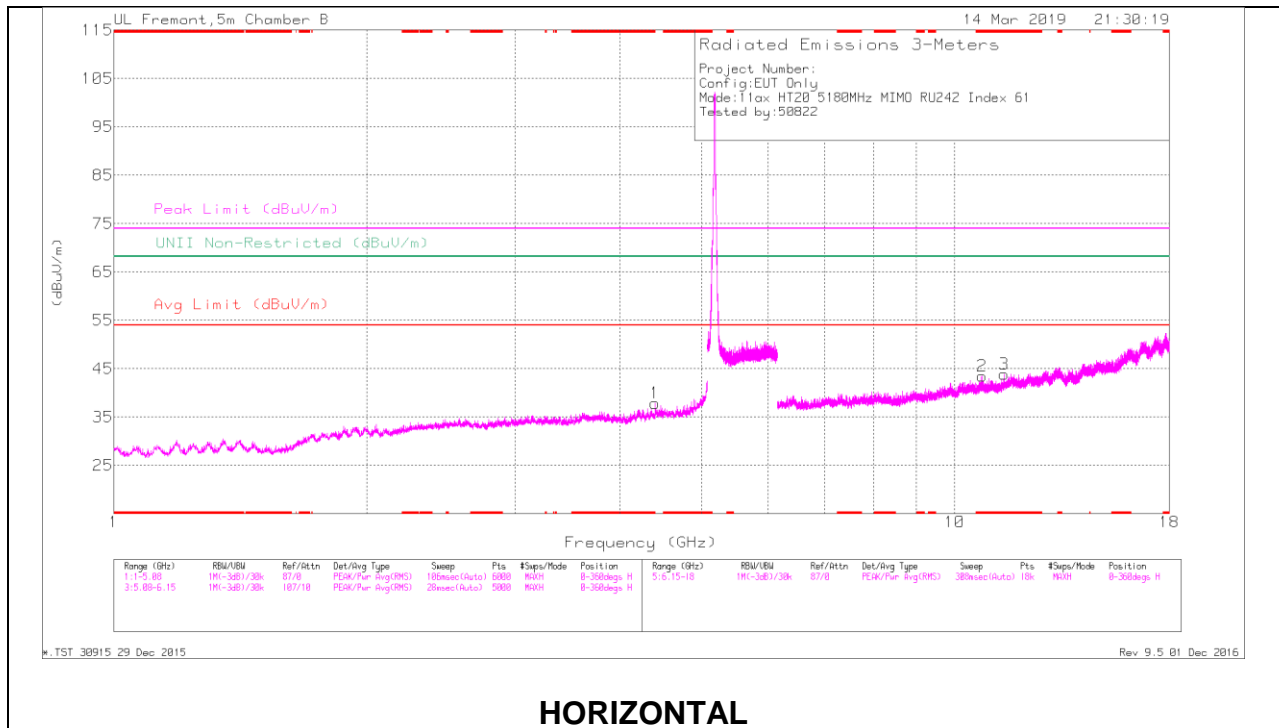


Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T136 (dB/m)	Amp/Cbl/Filtr/P ad (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 5.15	43.26	Pk	34.4	-20.9	56.76	-	-	74	-17.24	95	275	V
2	* 5.15	47.72	Pk	34.4	-21	61.12	-	-	74	-12.88	95	275	V
3	* 5.15	35.1	RMS	34.4	-20.9	48.6	54	-5.4	-	-	95	275	V
4	* 5.149	35.35	RMS	34.4	-21	48.75	54	-5.25	-	-	95	275	V

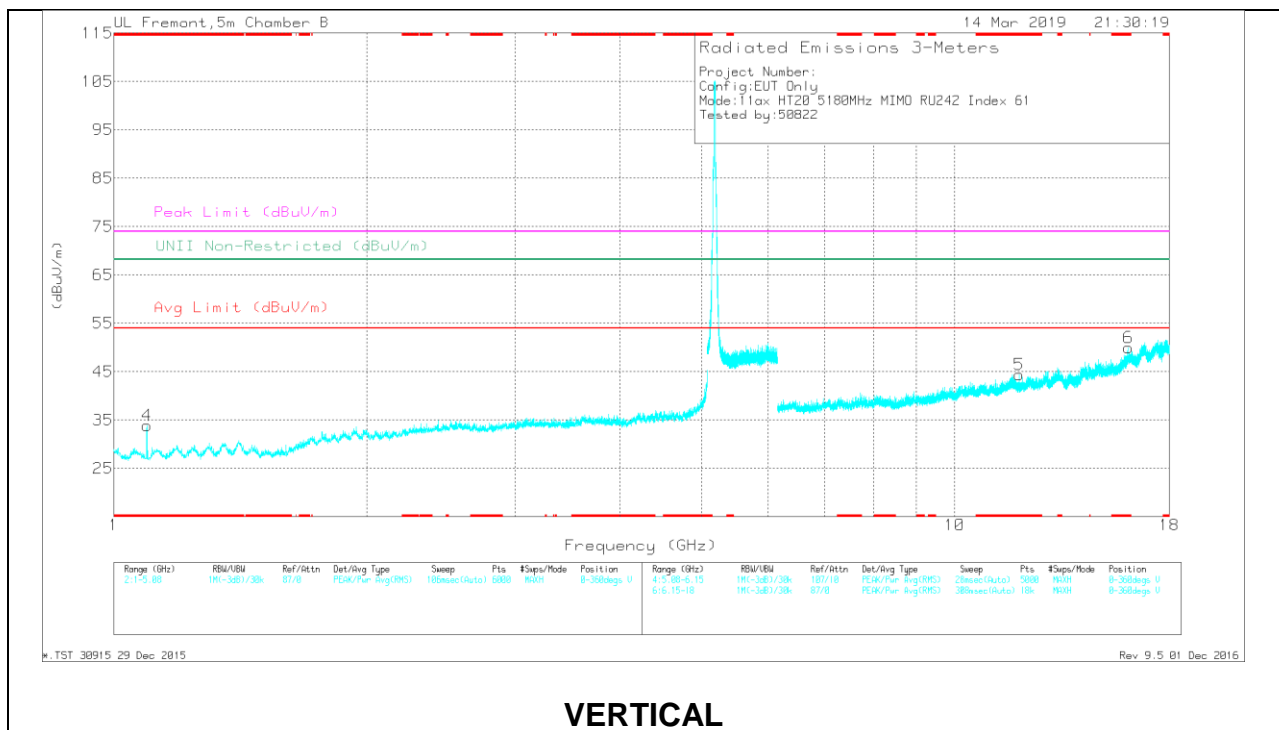
\* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band  
 Pk - Peak detector  
 RMS - RMS detection

HARMONICS AND SPURIOUS EMISSIONS

LOW CHANNEL RESULTS



HORIZONTAL



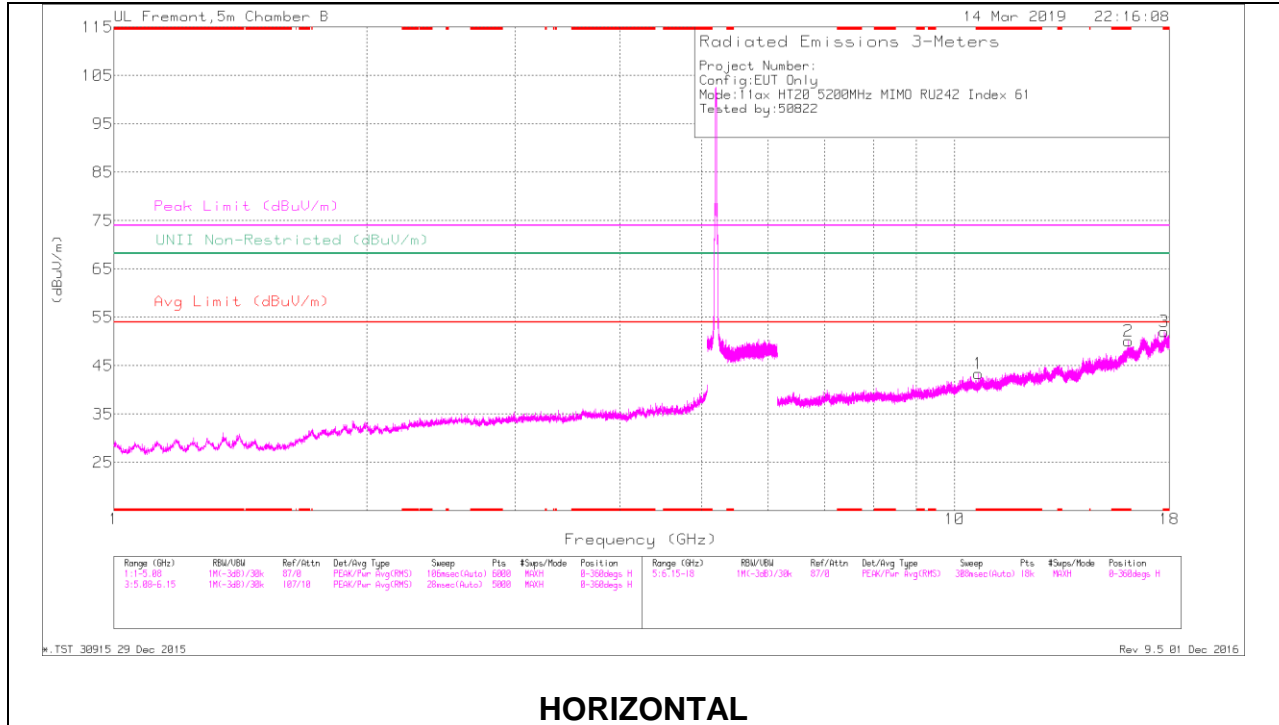
VERTICAL

**Radiated Emissions**

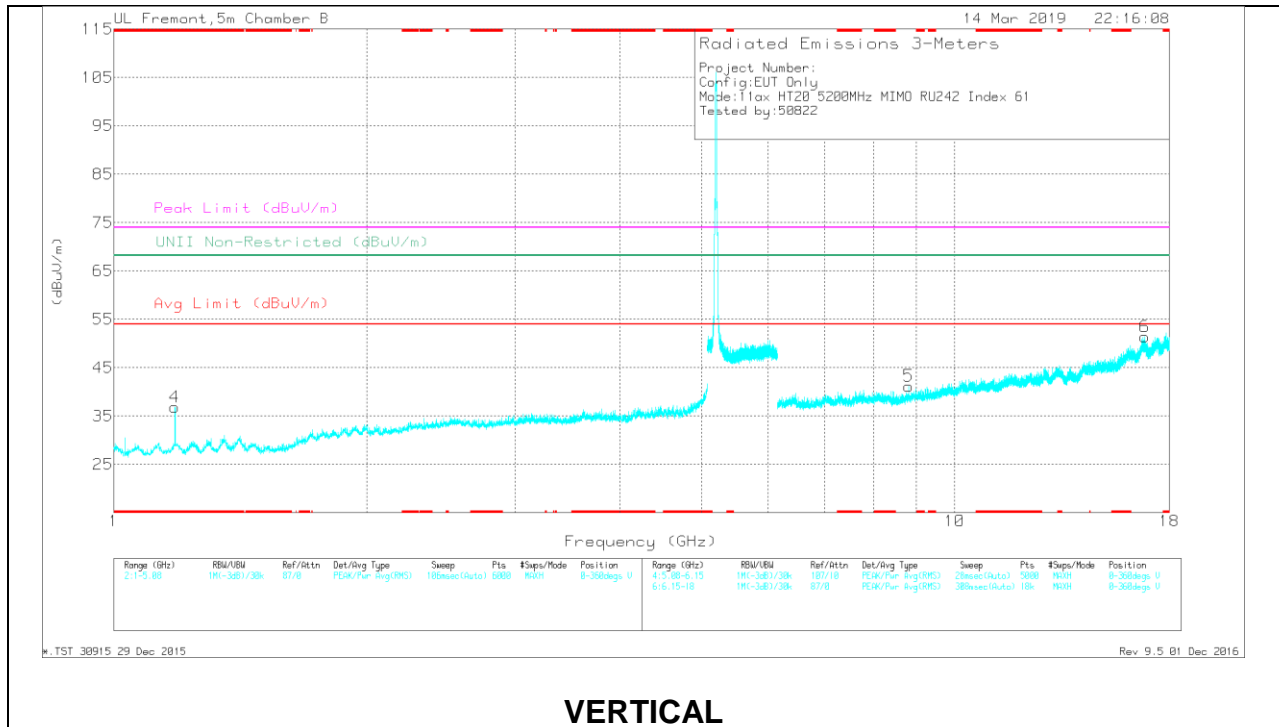
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T863 (dB/m)	Amp/Cb/Filtr/ Pad (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margi n (dB)	Peak Limit (dBuV/m)	Margi n (dB)	UNII Non-Restricted (dBuV/m)	Margi n (dB)	Azim uth (Degs )	Heig ht (cm)	Polar ity
4	* 1.093	41.47	PK-U	27.3	-33.3	35.47	-	-	74	-38.53	-	-	292	258	V
	* 1.094	29.25	ADR	27.3	-33.3	23.25	54	-30.75	-	-	-	-	292	258	V
2	* 10.784	32.62	PK-U	37.9	-20.9	49.62	-	-	74	-24.38	-	-	360	121	H
	* 10.783	19.08	ADR	37.9	-20.9	36.08	54	-17.92	-	-	-	-	360	121	H
3	* 11.455	33.28	PK-U	38.4	-20.9	50.78	-	-	74	-23.22	-	-	107	281	H
	* 11.456	19.17	ADR	38.4	-20.9	36.67	54	-17.33	-	-	-	-	107	281	H
5	* 11.928	32.54	PK-U	38.8	-21	50.34	-	-	74	-23.66	-	-	260	281	V
	* 11.928	18.99	ADR	38.8	-21	36.79	54	-17.21	-	-	-	-	260	281	V
6	* 16.1	32.25	PK-U	43	-17.7	57.55	-	-	74	-16.45	-	-	298	281	V
	* 16.097	17.11	ADR	43	-17.8	42.31	54	-11.69	-	-	-	-	298	281	V
1	4.404	38.71	PK-U	33.8	-28.1	44.41	-	-	-	-	68.2	-23.79	19	329	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

### MID CHANNEL RESULTS



### HORIZONTAL



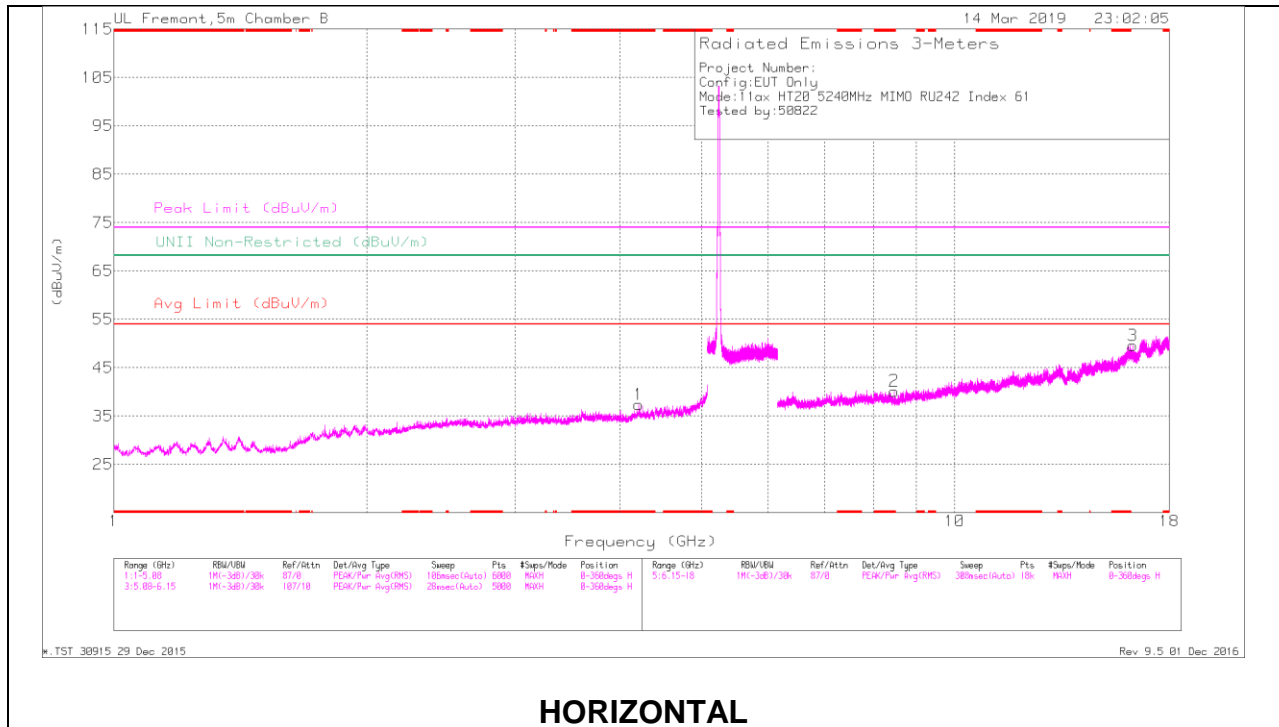
### VERTICAL

**Radiated Emissions**

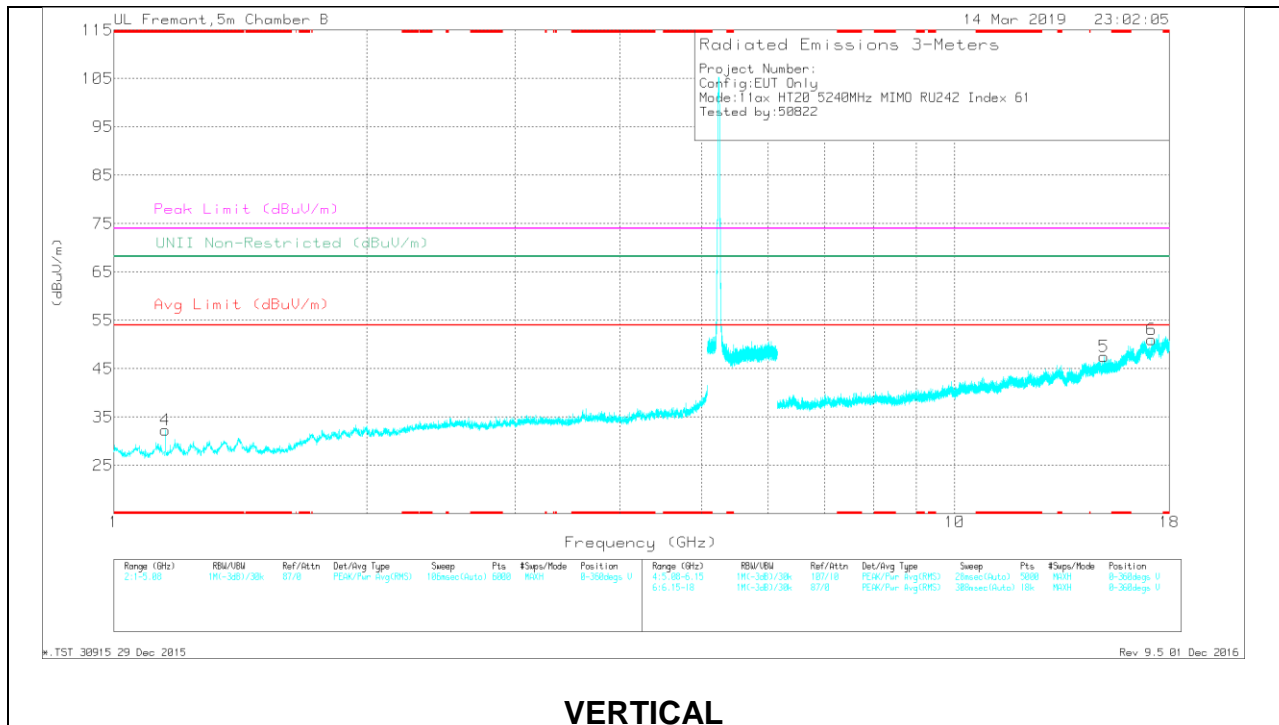
Marker	Frequenc y (GHz)	Meter Readin g (dBuV)	Det	AF T863 (dBm)	Amp/Cb/Filtr/Pad (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	UNII Non- Restricted (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
4	* 1.182	42.14	PK-U	28	-33.2	36.94	-	-	74	-37.06	-	-	87	171	V
	* 1.183	30.2	ADR	28	-33.2	25	54	-29	-	-	-	-	87	171	V
1	* 10.667	33.34	PK-U	37.8	-21.6	49.54	-	-	74	-24.46	-	-	324	229	H
	* 10.67	19.58	ADR	37.8	-21.5	35.88	54	-18.12	-	-	-	-	324	229	H
2	* 16.092	32.41	PK-U	42.9	-17.7	57.61	-	-	74	-16.39	-	-	190	272	H
	* 16.09	17.25	ADR	42.9	-17.7	42.45	54	-11.55	-	-	-	-	190	272	H
3	* 17.755	32.35	PK-U	44.2	-17.3	59.25	-	-	74	-14.75	-	-	160	240	H
	* 17.757	16.84	ADR	44.3	-17.3	43.84	54	-10.16	-	-	-	-	160	240	H
5	8.82	34.49	PK-U	36.7	-23.9	47.29	-	-	-	-	68.2	-20.91	7	287	V
6	16.841	31.57	PK-U	44.4	-17.2	58.77	-	-	-	-	68.2	-9.43	46	133	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

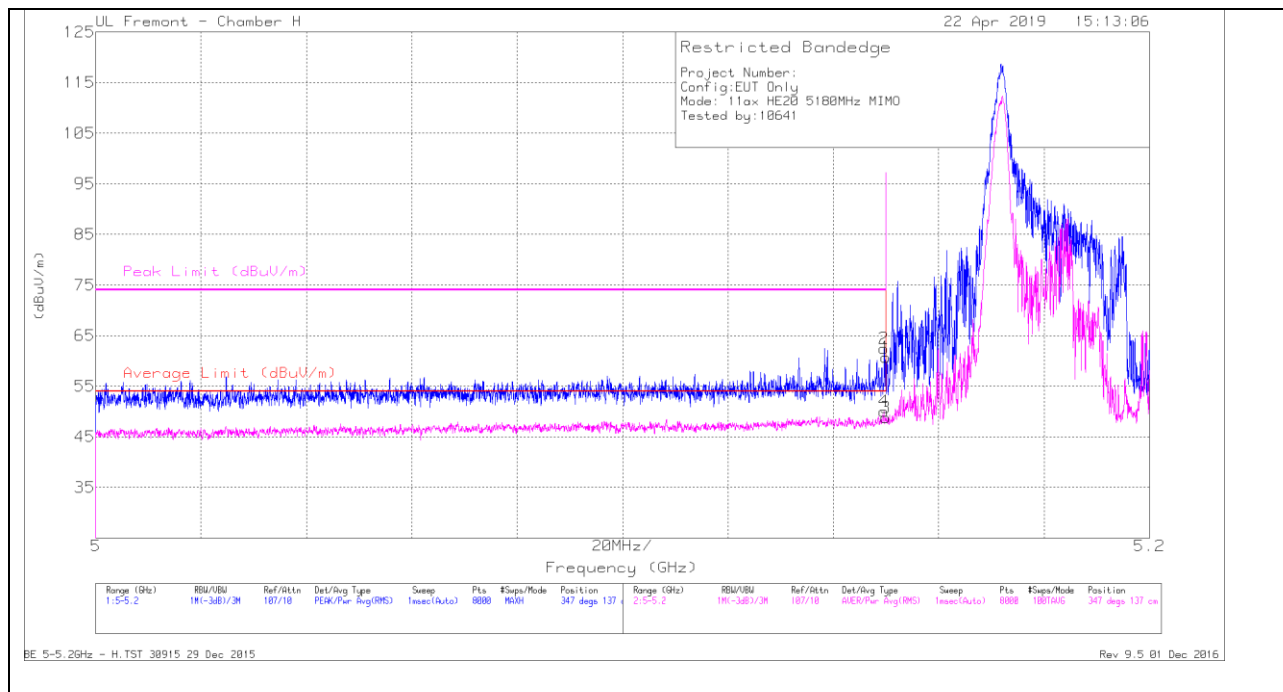
**Radiated Emissions**

Marker	Frequenc y (GHz)	Meter Reading (dBuV)	Det	AF T863 (dB/m)	Amp/Cbl/Filtr/Pad (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	UNII Non-Restricted (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 4.211	38.75	PK-U	33.6	-27.8	44.55	-	-	74	-29.45	-	-	87	163	H
	* 4.212	25.89	ADR	33.6	-27.8	31.69	54	22.31	-	-	-	-	87	163	H
4	* 1.149	41.02	PK-U	27.7	-33.2	35.52	-	-	74	-38.48	-	-	4	284	V
	* 1.149	28.87	ADR	27.7	-33.2	23.37	54	30.63	-	-	-	-	4	284	V
2	* 8.469	35.25	PK-U	36.1	-24.7	46.65	-	-	74	-27.35	-	-	179	297	H
	* 8.47	21.94	ADR	36.1	-24.7	33.34	54	20.66	-	-	-	-	179	297	H
5	15.059	33.04	PK-U	40.5	-18.7	54.84	-	-	-	-	68.2	-13.36	177	278	V
3	16.282	32.35	PK-U	43	-18.5	56.85	-	-	-	-	68.2	-11.35	137	326	H
6	17.161	31.9	PK-U	43.5	-18.1	57.3	-	-	-	-	68.2	-10.9	329	222	V

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

**BANDEDGE (LOW CHANNEL)**

**HORIZONTAL RESULT**



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T136 (dB/m)	Amp/CbI/Filtr/P ad (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 5.15	47.18	Pk	34.4	-20.9	60.68	-	-	74	-13.32	347	137	H
2	* 5.15	48.96	Pk	34.4	-20.9	62.46	-	-	74	-11.54	347	137	H
3	* 5.15	35.25	RMS	34.4	-20.9	48.75	54	-5.25	-	-	347	137	H
4	* 5.15	36.54	RMS	34.4	-20.9	50.04	54	-3.96	-	-	347	137	H

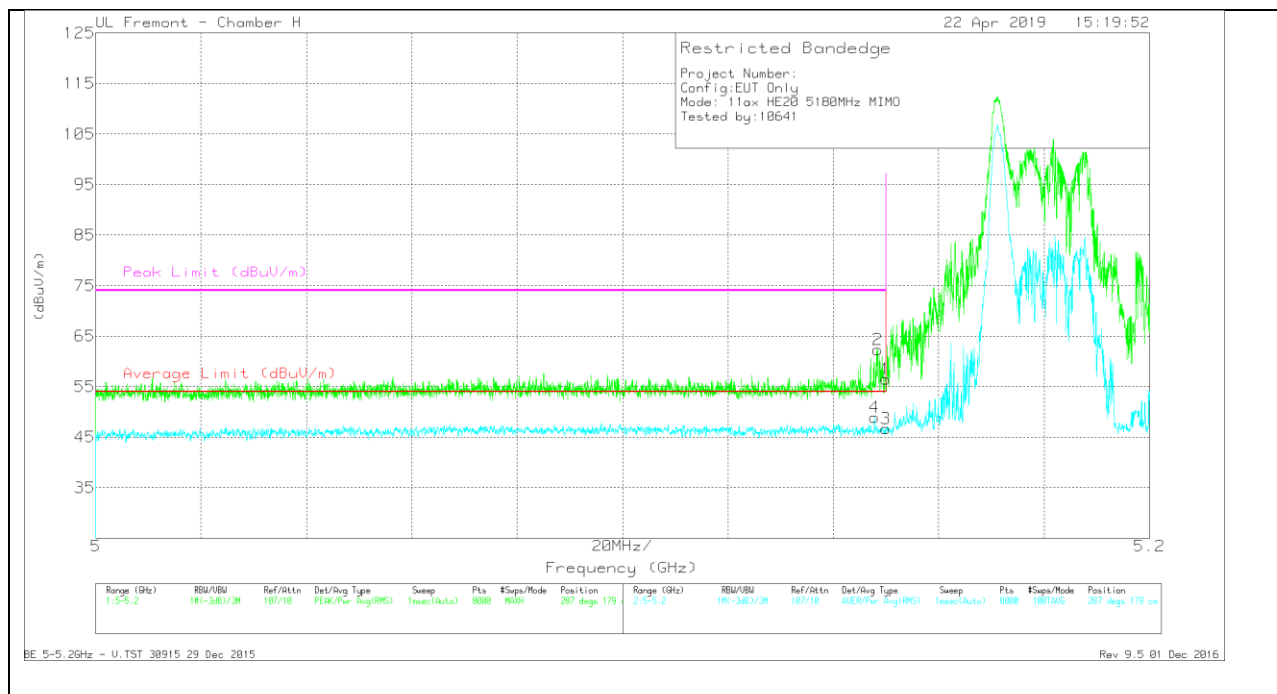
\* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

Pk - Peak detector

RMS - RMS detection



### VERTICAL RESULT

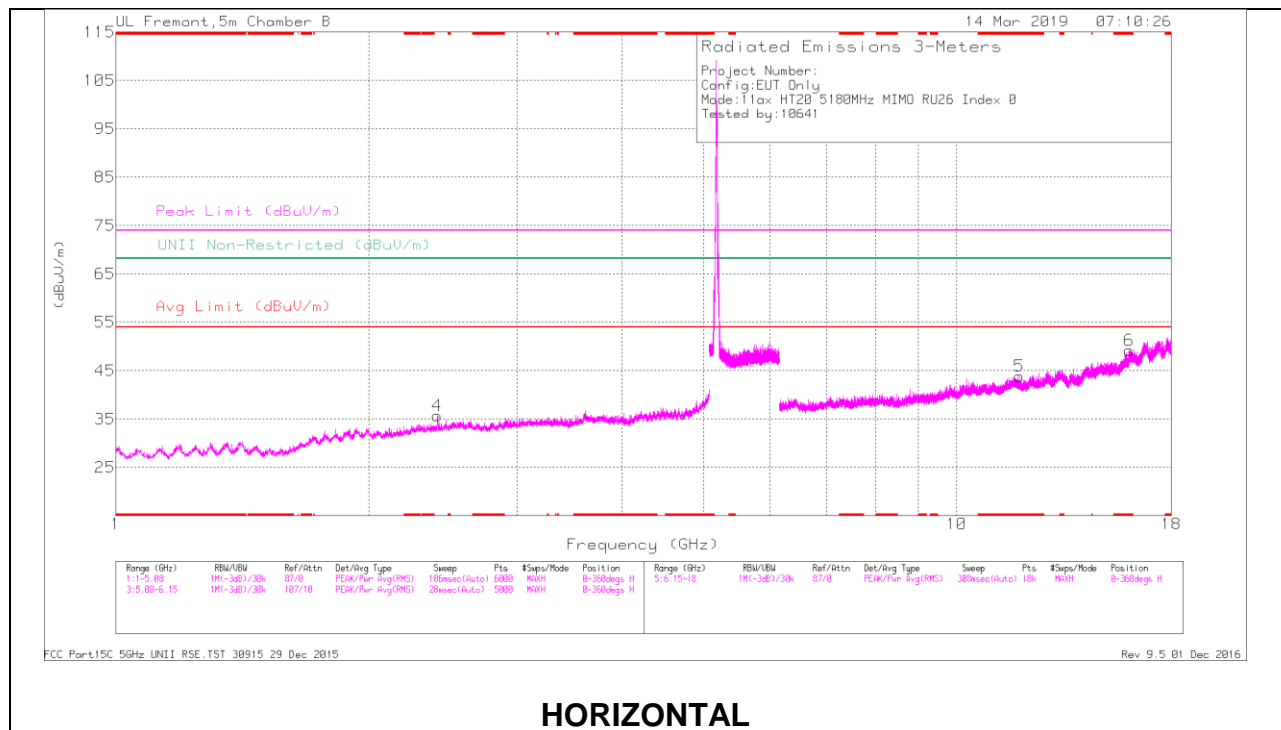


Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T136 (dB/m)	Amp/Cbl/Filtr/P ad (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 5.15	43.04	Pk	34.4	-20.9	56.54	-	-	74	-17.46	287	179	V
2	* 5.148	48.97	Pk	34.4	-21	62.37	-	-	74	-11.63	287	179	V
3	* 5.15	33.16	RMS	34.4	-20.9	46.66	54	-7.34	-	-	287	179	V
4	* 5.148	35.58	RMS	34.4	-21	48.98	54	-5.02	-	-	287	179	V

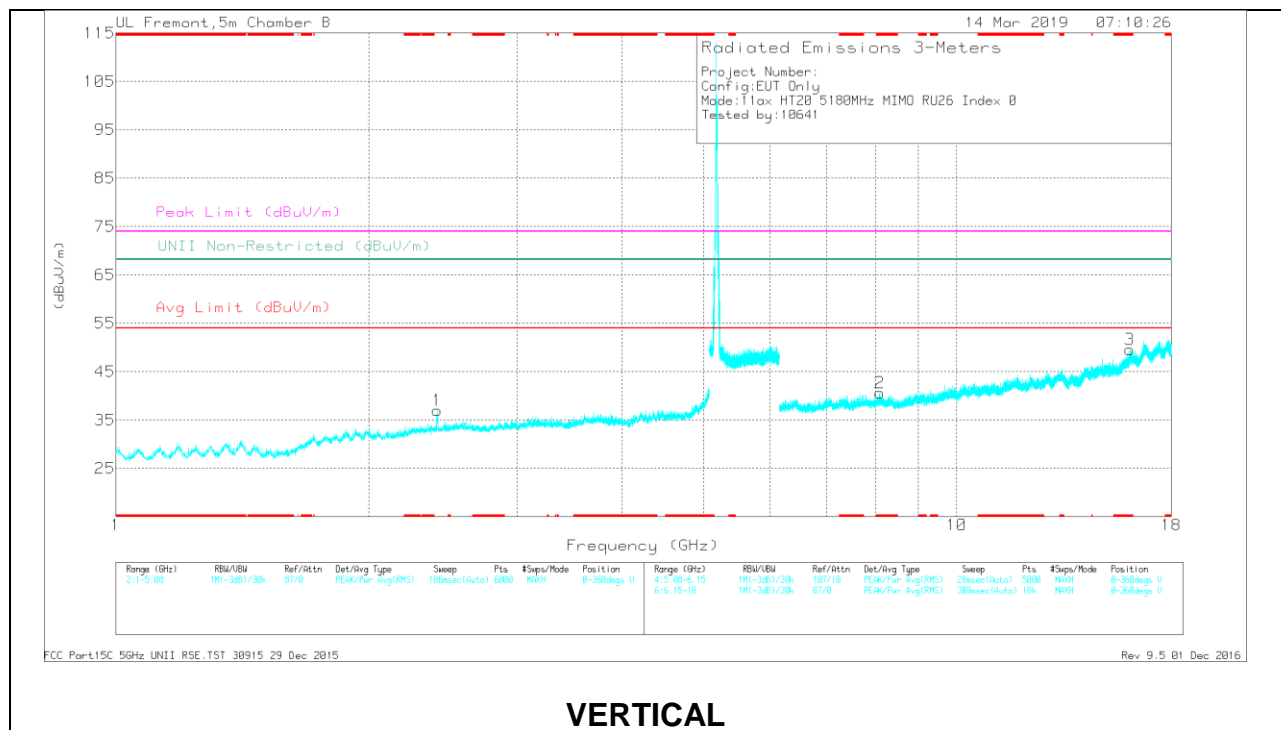
\* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band  
 Pk - Peak detector  
 RMS - RMS detection

HARMONICS AND SPURIOUS EMISSIONS

LOW CHANNEL RESULTS



HORIZONTAL



VERTICAL

**RADIATED EMISSIONS**

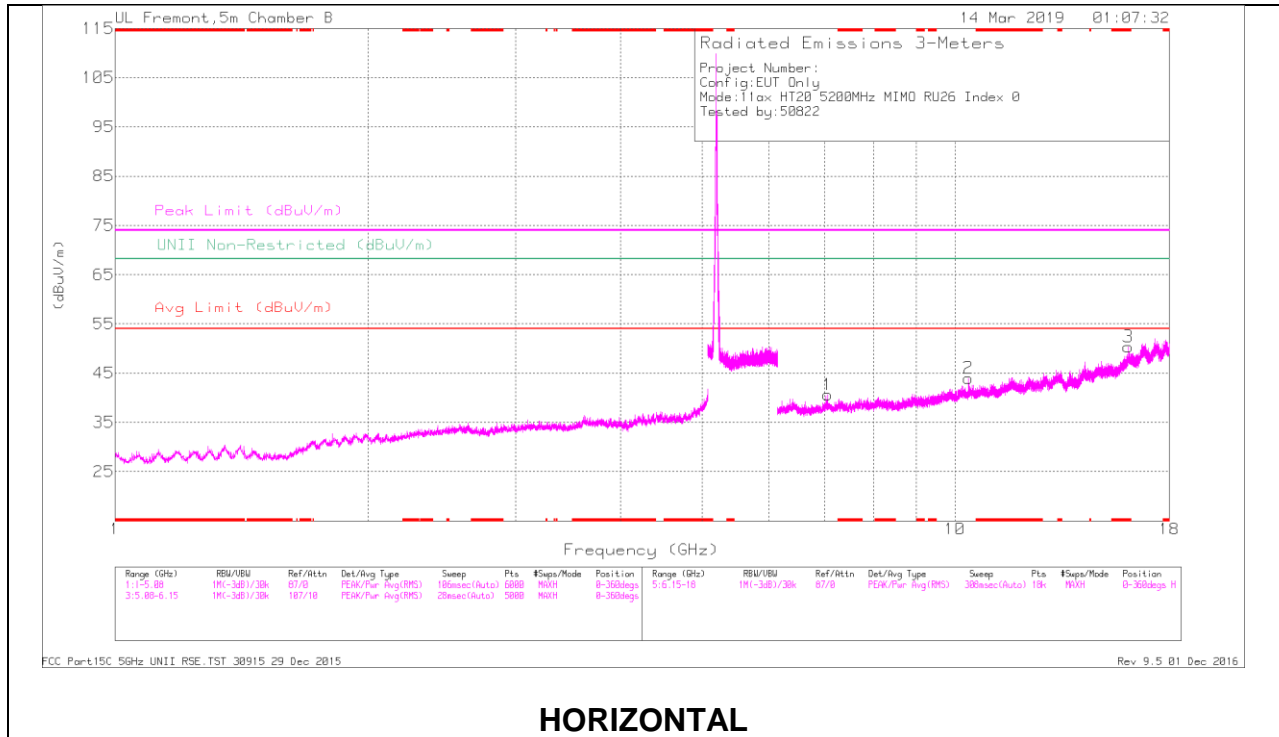
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T863 (dB/m)	Amp/Cb/Wf/tr/Pad (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	UNII Non-Restricted (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
5	* 11.874	32.54	PK-U	39	-20.9	50.64	-	-	74	-23.36	-	-	183	156	H
	* 11.875	19.91	ADR	39	-20.9	38.01	54	-15.99	-	-	-	-	183	156	H
6	* 16.029	32.2	PK-U	42.6	-17.8	57	-	-	74	-17	-	-	162	121	H
	* 16.028	18.15	ADR	42.6	-17.8	42.95	54	-11.05	-	-	-	-	162	121	H
2	* 8.106	35.26	PK-U	36.5	-24.6	47.16	-	-	74	-26.84	-	-	187	126	V
	* 8.107	23.07	ADR	36.5	-24.7	34.87	54	-19.13	-	-	-	-	187	126	V
3	* 16.068	32.38	PK-U	42.8	-17.9	57.28	-	-	74	-16.72	-	-	174	143	V
	* 16.07	17.81	ADR	42.8	-17.9	42.71	54	-11.29	-	-	-	-	174	143	V
4	2.41	42.7	PK-U	32.4	-31.7	43.4	-	-	-	-	68.2	-24.8	247	337	H
1	2.41	40.81	PK-U	32.4	-31.7	41.51	-	-	-	-	68.2	-26.69	33	314	V

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

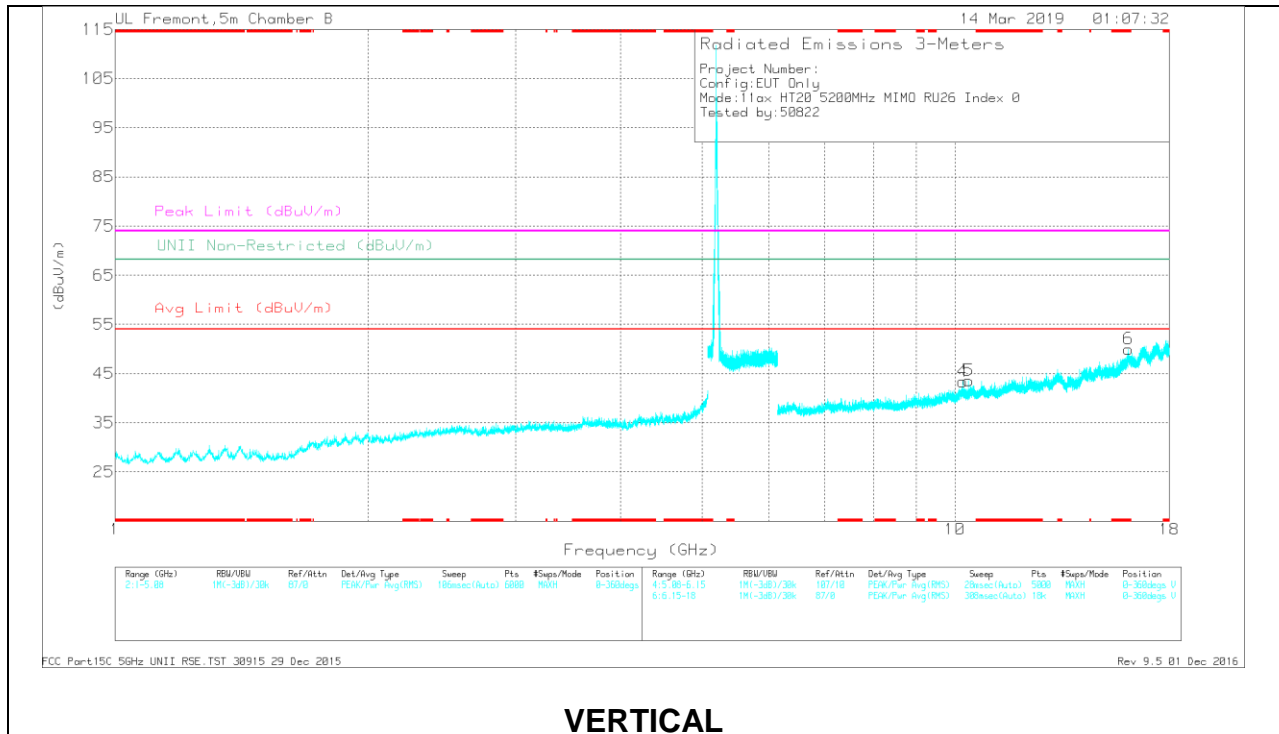
PK-U - U-NII: Maximum Peak

ADR - U-NII AD primary method, RMS average

### MID CHANNEL RESULTS



### HORIZONTAL



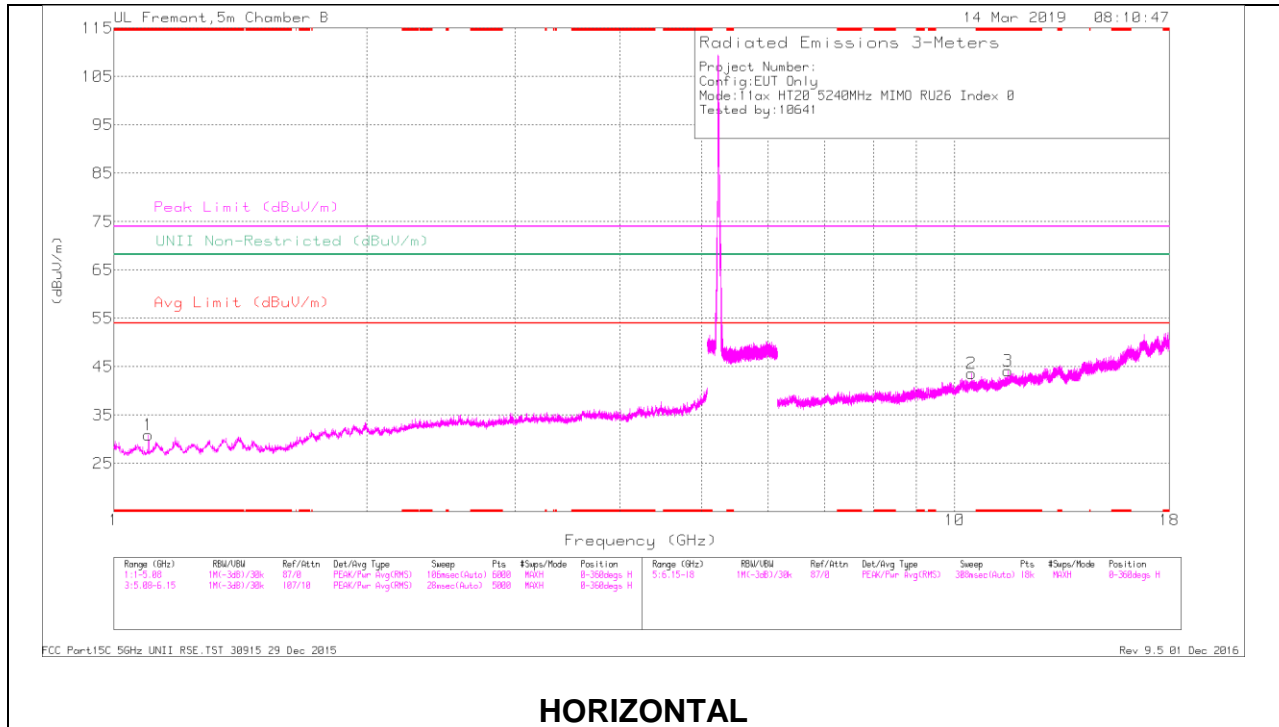
### VERTICAL

**RADIATED EMISSIONS**

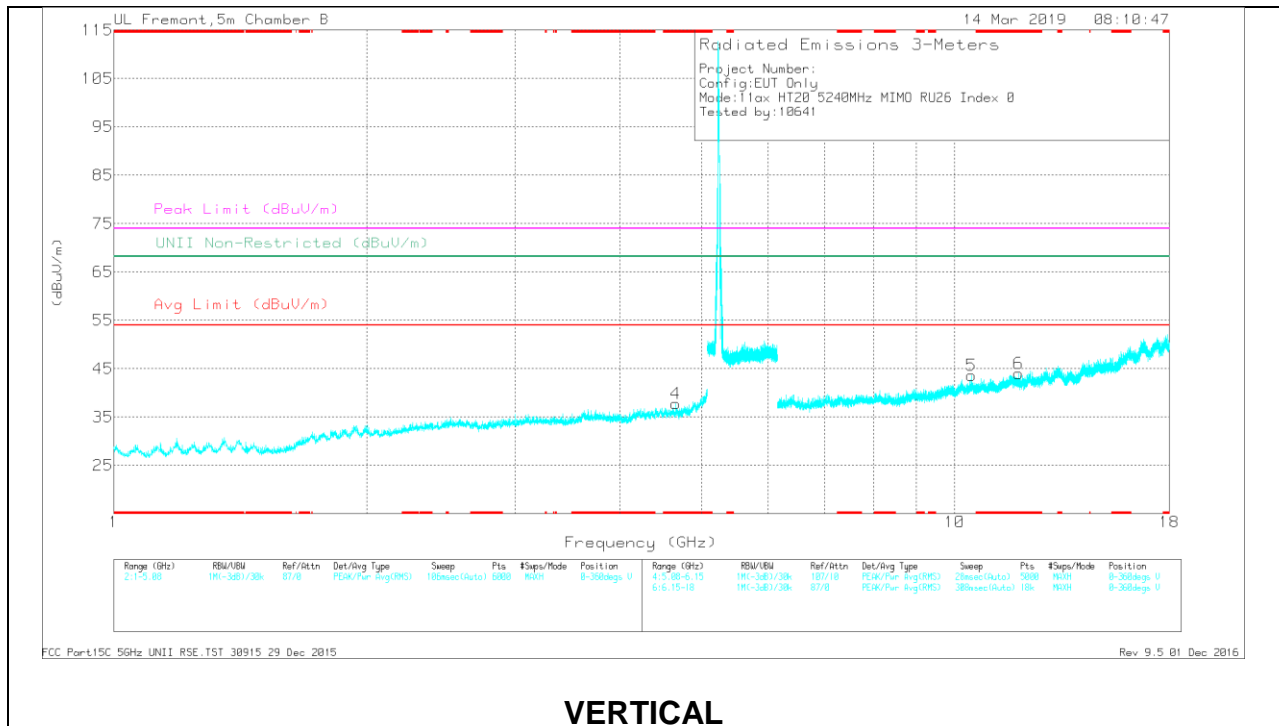
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T863 (dB/m)	Amp/Cb/Fitr/Pad (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
3	* 16.081	32.36	PK-U	42.9	-17.8	57.46	-	-	74	-16.54	-	-	112	131	H
	* 16.082	17.03	ADR	42.9	-17.8	42.13	54	-11.87	-	-	-	-	112	131	H
6	* 16.102	32.34	PK-U	43	-17.8	57.54	-	-	74	-16.46	-	-	213	130	V
	* 16.101	17.34	ADR	43	-17.8	42.54	54	-11.46	-	-	-	-	213	130	V
1	7.056	36.45	PK-U	35.9	-25	47.35	-	-	-	-	68.2	-20.85	56	116	H
4	10.218	33.8	PK-U	37.8	-21.7	49.9	-	-	-	-	68.2	-18.3	96	120	V
2	10.382	35.02	PK-U	37.8	-22.2	50.62	-	-	-	-	68.2	-17.58	190	258	V
3	10.383	36.17	PK-U	37.8	-22.2	51.77	-	-	-	-	68.2	-16.43	217	254	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	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T863 (dB/m)	Amp/Cbl/Fitr/Pad (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	UNII Non-Restricted (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 1.1	41.47	PK-U	27.2	-33.2	35.47	-	-	74	-38.53	-	-	150	239	H
	* 1.101	29.15	ADR	27.2	-33.2	23.15	54	-30.85	-	-	-	-	150	239	H
4	* 4.658	39.03	PK-U	34.1	-28.1	45.03	-	-	74	-28.97	-	-	144	216	V
	* 4.658	26.55	ADR	34.1	-28.1	32.55	54	-21.45	-	-	-	-	144	216	V
3	* 11.574	32.65	PK-U	38.6	-21	50.25	-	-	74	-23.75	-	-	110	109	H
	* 11.573	20.23	ADR	38.6	-21	37.83	54	-16.17	-	-	-	-	110	109	H
6	* 11.91	33.02	PK-U	38.9	-20.9	51.02	-	-	74	-22.98	-	-	92	122	V
	* 11.909	19.86	ADR	38.9	-20.9	37.86	54	-16.14	-	-	-	-	92	122	V
2	10.463	33.65	PK-U	37.8	-21.5	49.95	-	-	-	-	68.2	-18.25	125	354	H
5	10.463	33.72	PK-U	37.8	-21.5	50.02	-	-	-	-	68.2	-18.18	123	179	V

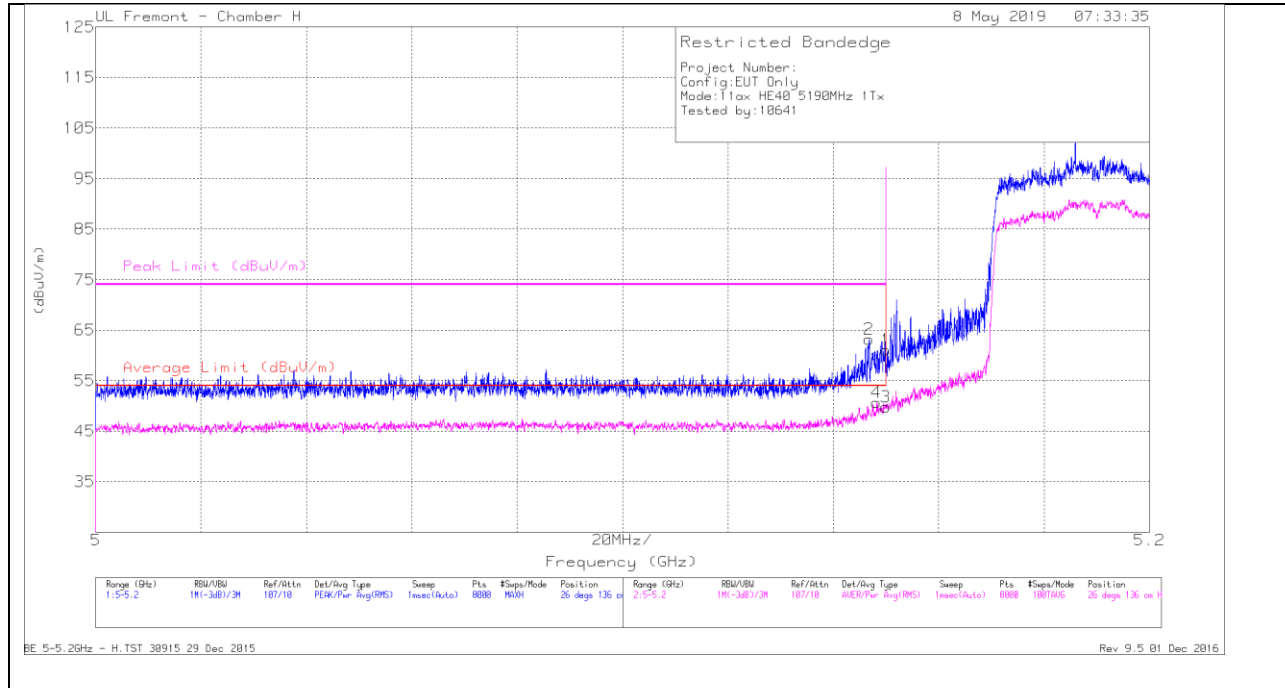
\* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band  
 PK-U - U-NII: Maximum Peak  
 ADR - U-NII AD primary method, RMS average

**1.1.5. TX ABOVE 1 GHz 802.11ax HE40 MODE IN THE 5.2 GHz BAND**

**1TX Antenna 4 MODE – 484 Tones, RU Index 65**

**BANDEDGE (LOW CHANNEL)**

**HORIZONTAL RESULT**

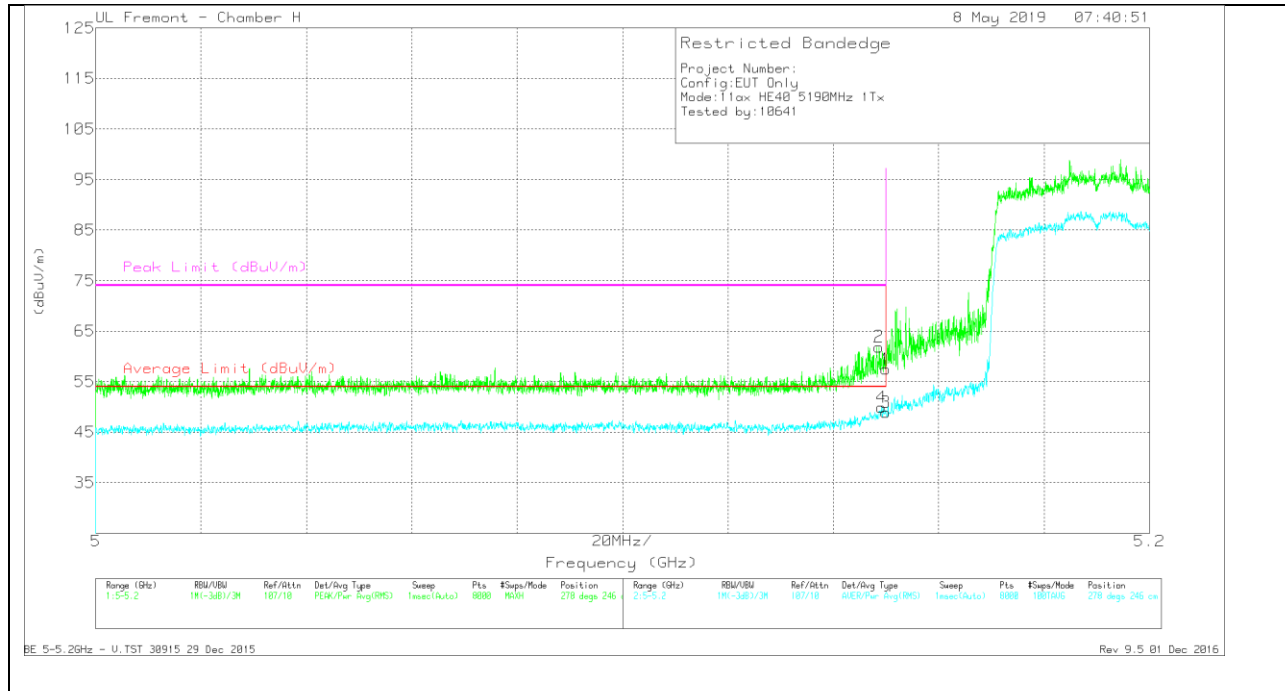


Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T136 (dB/m)	Amp/Cbl/Fitr/P ad (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 5.15	47.56	Pk	34.4	-20.9	61.06	-	-	74	-12.94	26	136	H
2	* 5.147	49.79	Pk	34.4	-21	63.19	-	-	74	-10.81	26	136	H
3	* 5.15	36.34	RMS	34.4	-20.9	49.84	54	-4.16	-	-	26	136	H
4	* 5.148	37.32	RMS	34.4	-21	50.72	54	-3.28	-	-	26	136	H

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



### VERTICAL RESULT



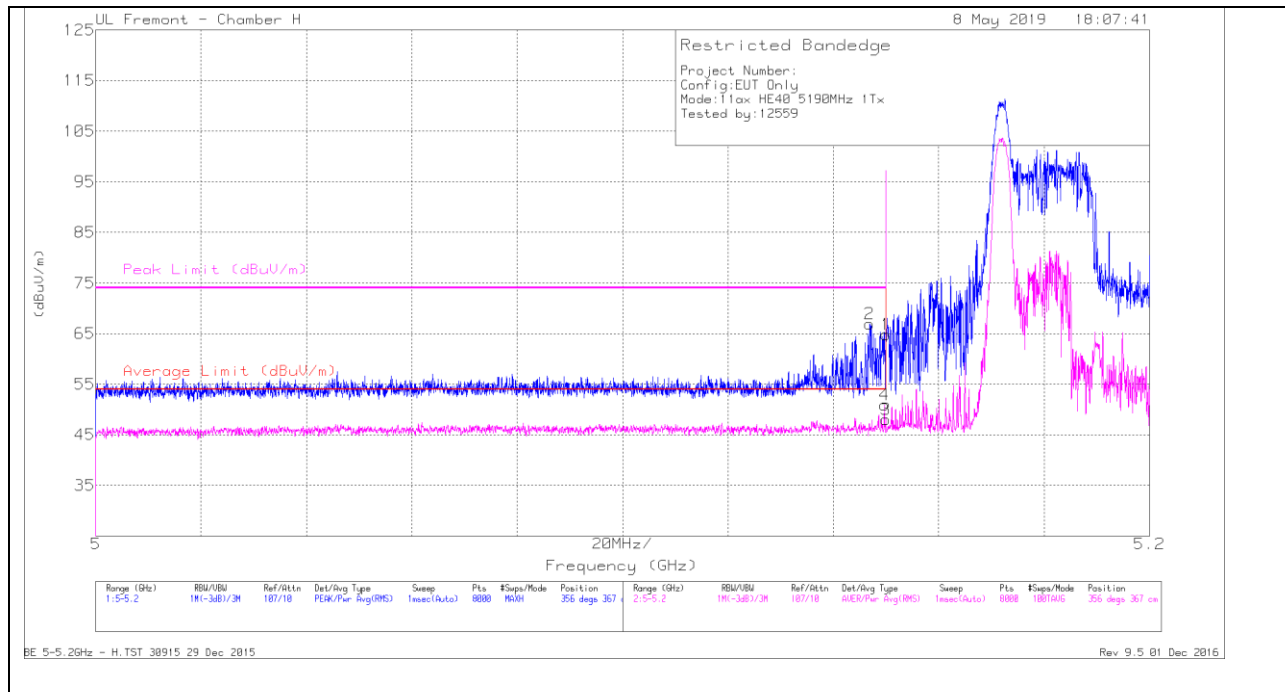
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T136 (dB/m)	Amp/Cbl/Filtr/P ad (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 5.15	43.99	Pk	34.4	-20.9	57.49	-	-	74	-16.51	278	246	V
2	* 5.149	48.5	Pk	34.4	-21	61.9	-	-	74	-12.1	278	246	V
3	* 5.15	35.41	RMS	34.4	-20.9	48.91	54	-5.09	-	-	278	246	V
4	* 5.149	36.53	RMS	34.4	-21	49.93	54	-4.07	-	-	278	246	V

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

**1TX Antenna 4 MODE – 26 Tones, RU Index 0**

**BANDEDGE (LOW CHANNEL)**

**HORIZONTAL RESULT**



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T136 (dB/m)	Amp/Cbl/Filtr/P ad (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 5.15	51.28	Pk	34.4	-20.9	64.78	-	-	74	-9.22	356	367	H
2	* 5.147	53.57	Pk	34.4	-21	66.97	-	-	74	-7.03	356	367	H
3	* 5.15	34.55	RMS	34.4	-20.9	48.05	54	-5.95	-	-	356	367	H
4	* 5.15	37.38	RMS	34.4	-20.9	50.88	54	-3.12	-	-	356	367	H

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

Pk - Peak detector

RMS - RMS detection