



TEST REPORT

Report Number: 13573771-E5V2 & E6V2

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

Model : A2484 (Parent Model, Full Test)
A2641, A2643, A2644, A2645 (Variant Models)

FCC ID : BCG-E4003A (Parent Model, Full Test)
BCG-E4005A, BCG-E4035A, BCG-E4036A (Variant Models)

IC : 579C-E4003A (Parent Model)
579C-E4005A, 579C-E4035A, 579C-E4036A (Variant Models)

EUT Description : SMARTPHONE

Test Standard(s) : FCC 47 CFR PART 15 SUBPART E
ISED RSS-247 ISSUE 2
ISED RSS-GEN ISSUE 5 + A1 + A2

Date of Issue:
August 6, 2021

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REPORT REVISION HISTORY

Rev.	Issue Date	Revisions	Revised By
V1	7/26/2021	Initial Issue	Chin Pang
V2	8/6/2021	Address TCB's questions on page 62, 63, 132 and 183	Chin Pang

TABLE OF CONTENTS

REPORT REVISION HISTORY	2
TABLE OF CONTENTS	3
1. RADIATED TEST RESULTS.....	4
1.1. <i>TRANSMITTER ABOVE 1 GHz.....</i>	<i>6</i>
1.1.1. TX ABOVE 1 GHz 802.11n HT20 MODE IN THE 5.2 GHz BAND.....	6
1.1.2. TX ABOVE 1 GHz 802.11n HT40 MODE IN THE 5.2 GHz BAND.....	12
1.1.3. TX ABOVE 1 GHz 802.11ac VHT80 MODE IN THE 5.2 GHz BAND.....	18
1.1.4. TX ABOVE 1 GHz 802.11ax HE20 MODE IN THE 5.2 GHz BAND.....	24
1.1.5. TX ABOVE 1 GHz 802.11ax HE40 MODE IN THE 5.2 GHz BAND.....	48
1.1.6. TX ABOVE 1 GHz 802.11ax HE80 MODE IN THE 5.2 GHz BAND.....	68
1.1.7. TX ABOVE 1 GHz 802.11n HT20 MODE IN THE 5.3 GHz BAND.....	84
1.1.8. TX ABOVE 1 GHz 802.11n HT40 MODE IN THE 5.3 GHz BAND.....	90
1.1.9. TX ABOVE 1 GHz 802.11ac VHT80 MODE IN THE 5.3 GHz BAND.....	96
1.1.10. TX ABOVE 1 GHz 802.11ax HE20 MODE IN THE 5.3 GHz BAND.....	102
1.1.11. TX ABOVE 1 GHz 802.11ax HE40 MODE IN THE 5.3 GHz BAND.....	126
1.1.12. TX ABOVE 1 GHz 802.11ax HE80 MODE IN THE 5.3 GHz BAND.....	146
1.1.13. TX ABOVE 1 GHz 802.11n HT20 MODE IN THE 5.6 GHz BAND.....	162
1.1.14. TX ABOVE 1 GHz 802.11n HT40 MODE IN THE 5.6 GHz BAND.....	174
1.1.15. TX ABOVE 1 GHz 802.11ac VHT80 MODE IN THE 5.6 GHz BAND.....	186
1.1.16. TX ABOVE 1 GHz 802.11ax HE20 MODE IN THE 5.6 GHz BAND.....	192
1.1.17. TX ABOVE 1 GHz 802.11ax HE40 MODE IN THE 5.6 GHz BAND.....	232
1.1.18. TX ABOVE 1 GHz 802.11ax HE80 MODE IN THE 5.6 GHz BAND.....	272
1.1.19. TX ABOVE 1 GHz 802.11n HT20 MODE IN THE 5.8 GHz BAND.....	296
1.1.20. TX ABOVE 1 GHz 802.11n HT40 MODE IN THE 5.8 GHz BAND.....	308
1.1.21. TX ABOVE 1 GHz 802.11ac VHT80 MODE IN THE 5.8 GHz Band.....	320
1.1.22. TX ABOVE 1 GHz 802.11ax HE20 MODE IN THE 5.8 GHz BAND.....	332
1.1.23. TX ABOVE 1 GHz 802.11ax HE40 MODE IN THE 5.8 GHz BAND.....	368
1.1.24. TX ABOVE 1 GHz 802.11ax HE80 MODE IN THE 5.8 GHz BAND.....	400
1.2. <i>WORST CASE BELOW 1 GHz.....</i>	<i>428</i>
1.3. <i>WORST CASE 18-26 GHz.....</i>	<i>430</i>
1.4. <i>WORST CASE 26-40 GHz.....</i>	<i>432</i>
2. AC POWER LINE CONDUCTED EMISSIONS.....	434
2.1. <i>AC POWER LINE WITH AC/DC ADAPTER.....</i>	<i>435</i>
2.2. <i>AC POWER LINE WITH LAPTOP.....</i>	<i>437</i>
3. SETUP PHOTOS.....	439

1. RADIATED TEST RESULTS

LIMITS

FCC §15.205 and §15.209 -Restricted bands
FCC §15.407(b) (1-3) -Un-Restricted bands

RSS 247 Issue 2 Sections
6.2.1.2 (for 5150-5250 MHz band)
6.2.2.2 (for 5250-5350 MHz band)
6.2.3.2 (for 5470-5600 MHz and 5650-5725 MHz bands)
6.2.4.2 (for 5725-5850 MHz band)

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.

RESULTS

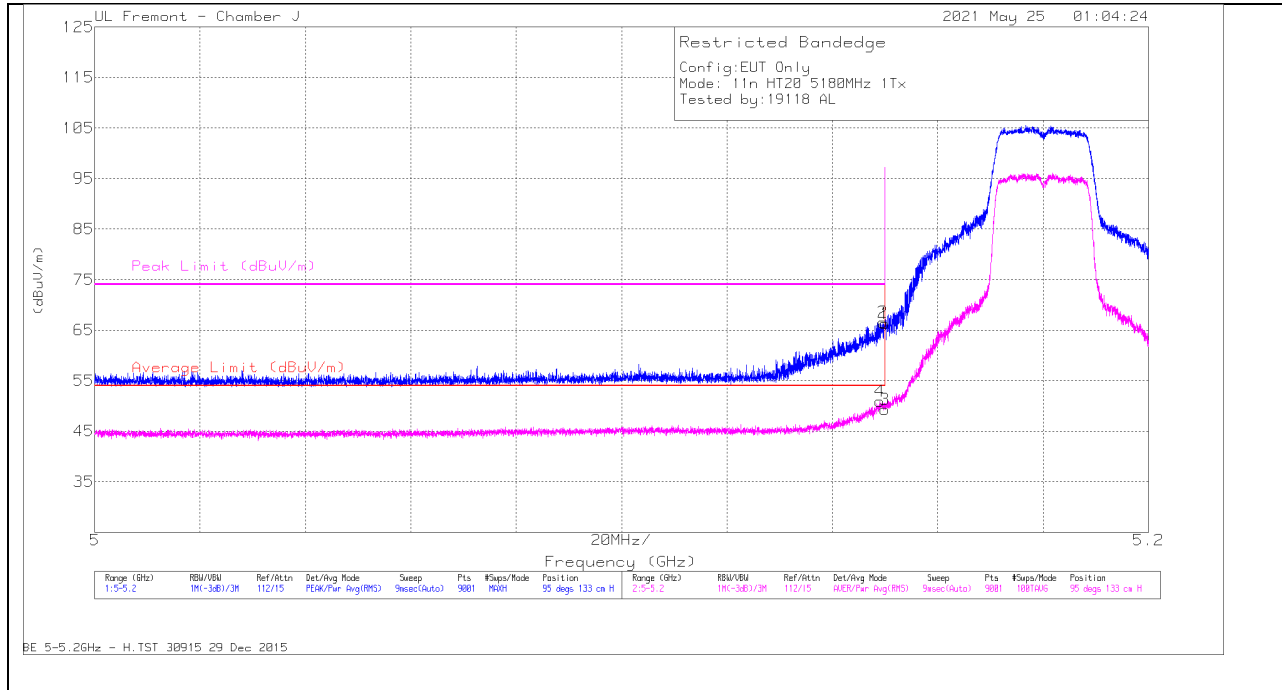
1.1. TRANSMITTER ABOVE 1 GHz

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

1TX ANT 6

BANDEDGE (LOW CHANNEL)

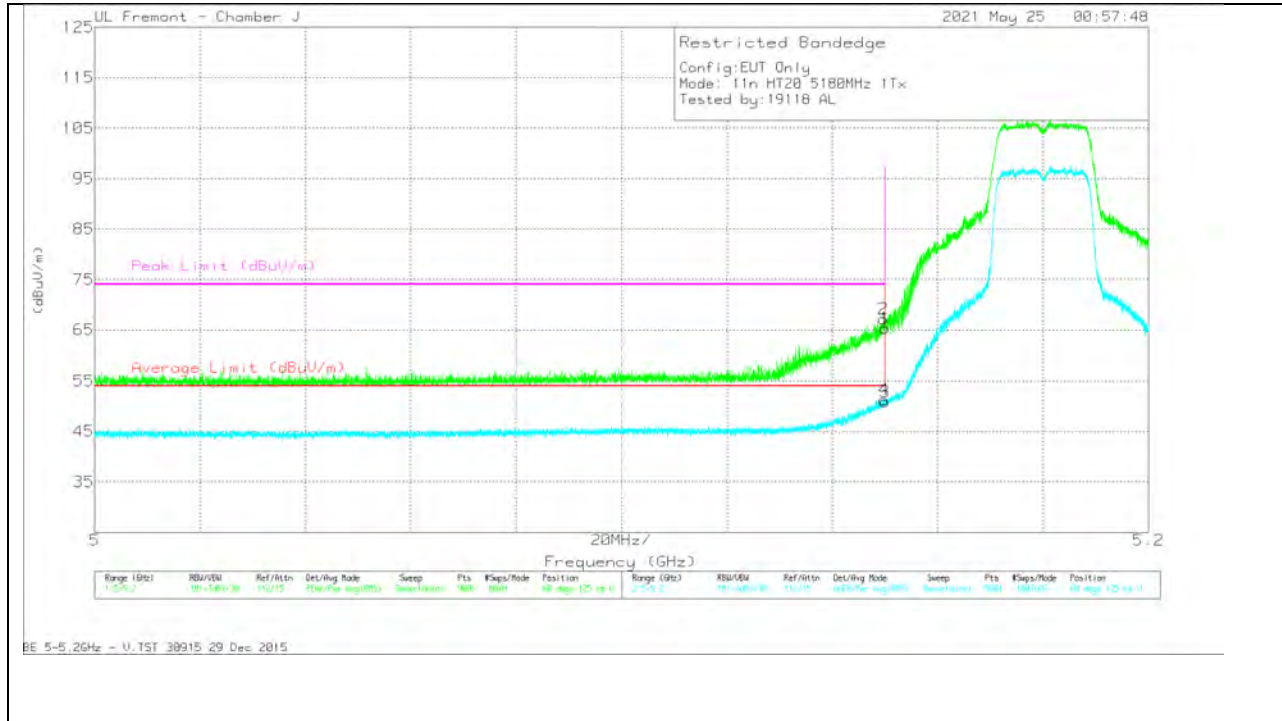
HORIZONTAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF PRE010 0034 (dB/m)	Amp/Cb I/Filter/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	52.74	Pk	34.4	-20.8	0	66.34	-	-	74	-7.66	95	133	H
2	* 5.1496	52.99	Pk	34.4	-20.8	0	66.59	-	-	74	-7.41	95	133	H
3	* 5.15	35.33	RMS	34.4	-20.8	.40	49.33	54	-4.67	-	-	95	133	H
4	* 5.14902	36.97	RMS	34.4	-20.8	.40	50.97	54	-3.03	-	-	95	133	H

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

VERTICAL RESULT



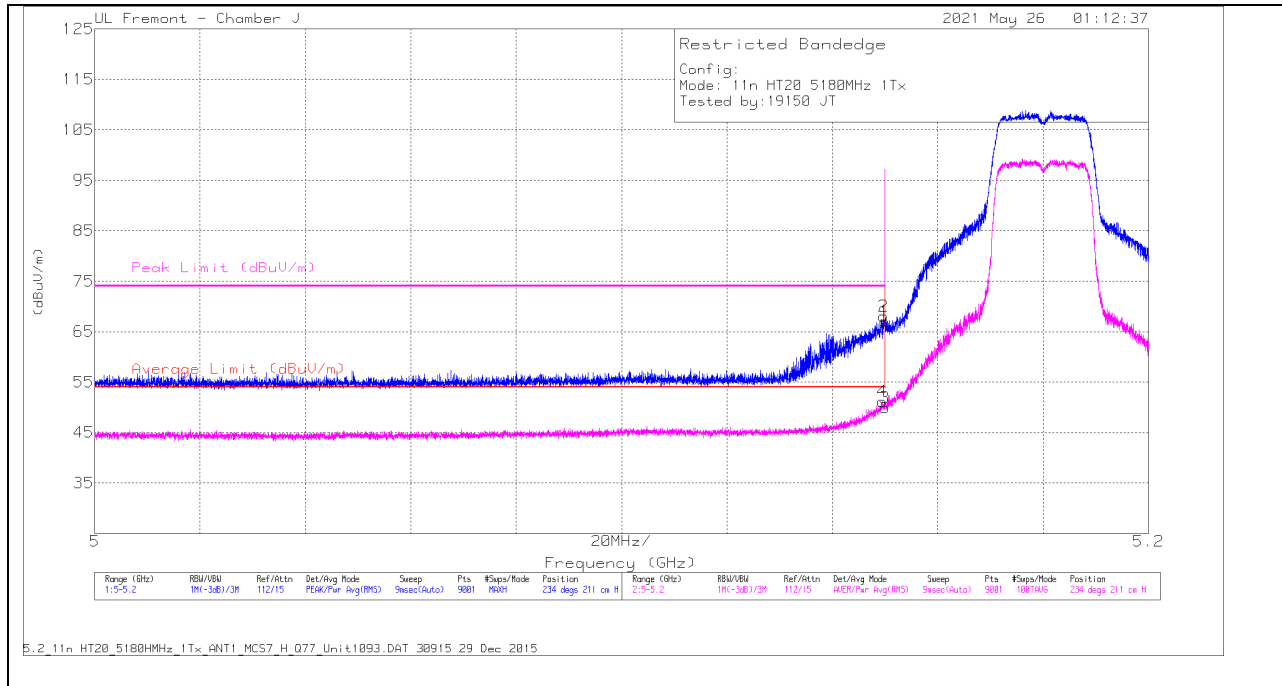
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF PRE010 0034 (dB/m)	Amp/Cb I/Filtr/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 5.15	51.76	Pk	34.4	-20.8	0	65.36	-	-	74	-8.64	60	125	V
2	* 5.14973	53.61	Pk	34.4	-20.8	0	67.21	-	-	74	-6.79	60	125	V
3	* 5.15	36.92	RMS	34.4	-20.8	.40	50.92	54	-3.08	-	-	60	125	V
4	* 5.14982	37.35	RMS	34.4	-20.8	.40	51.35	54	-2.65	-	-	60	125	V

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

1TX ANT 5

BANDEGE (LOW CHANNEL)

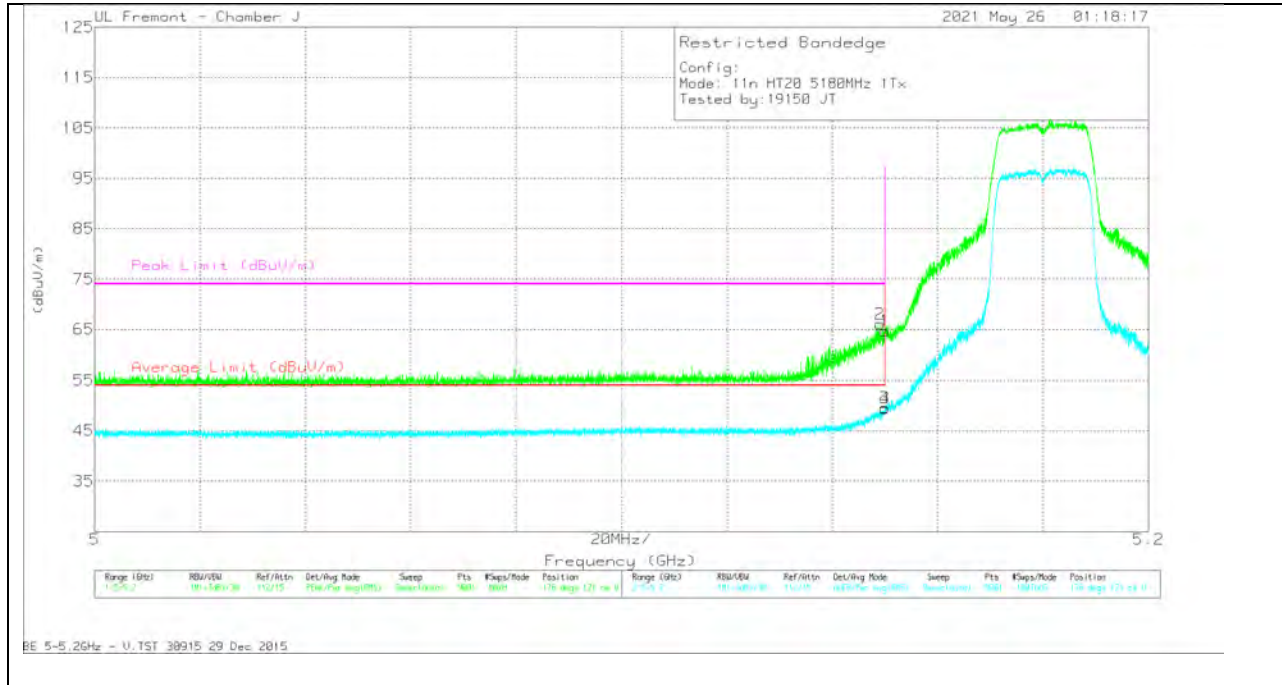
HORIZONTAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF PRE010 0034 (dB/m)	Amp/Cb I/Ftr/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	53.5	Pk	34.4	-20.8	0	67.1	-	-	74	-6.9	234	211	H
2	* 5.14975	54.42	Pk	34.4	-20.8	0	68.02	-	-	74	-5.98	234	211	H
3	* 5.15	35.92	RMS	34.4	-20.8	.40	49.92	54	-4.08	-	-	234	211	H
4	* 5.14949	37.17	RMS	34.4	-20.8	.40	51.17	54	-2.83	-	-	234	211	H

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

VERTICAL RESULT



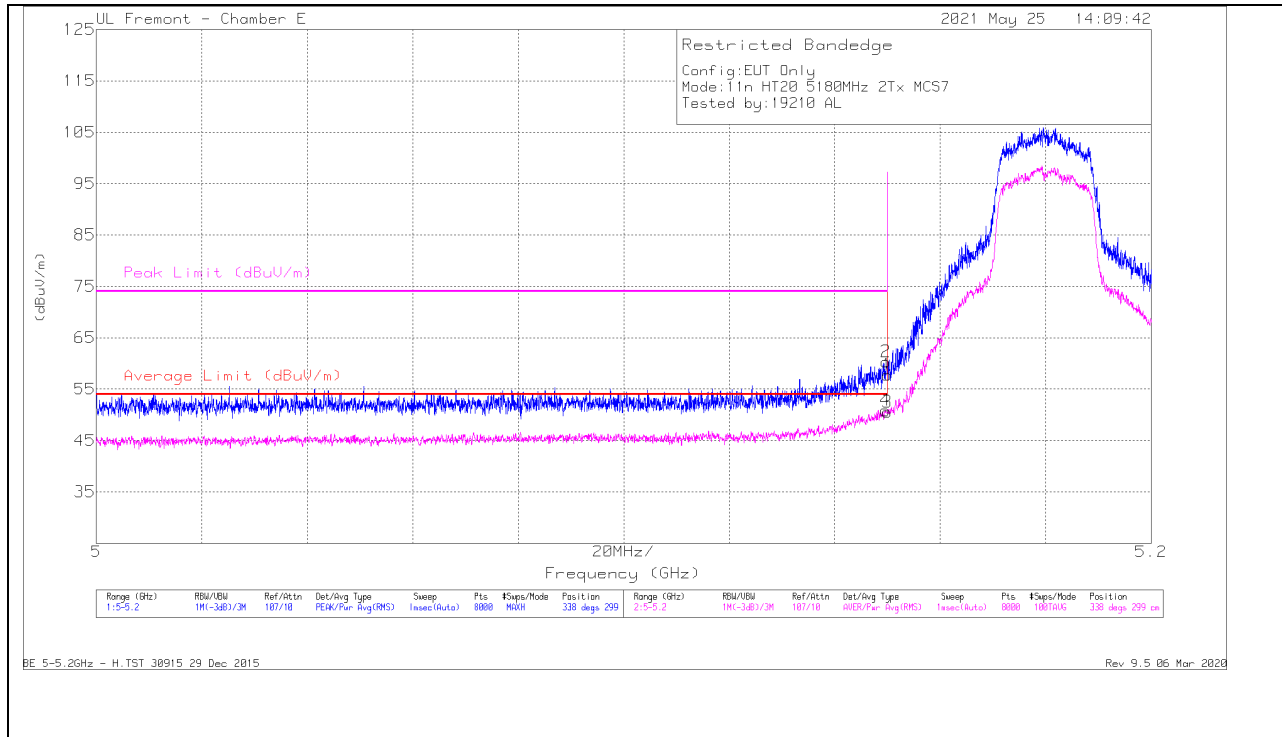
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF PRE010 0034 (dB/m)	Amp/Cb I/Fitr/Pa d (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 5.15	51.15	Pk	34.4	-20.8	0	64.75	-	-	74	-9.25	176	121	V
2	* 5.14902	52.41	Pk	34.4	-20.8	0	66.01	-	-	74	-7.99	176	121	V
3	* 5.15	35.53	RMS	34.4	-20.8	.40	49.53	54	-4.47	-	-	176	121	V
4	* 5.14998	35.45	RMS	34.4	-20.8	.40	49.45	54	-4.55	-	-	176	121	V

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

2TX ANT 6 + ANT 5 CDD MODE

BANDEGE (LOW CHANNEL)

HORIZONTAL RESULT

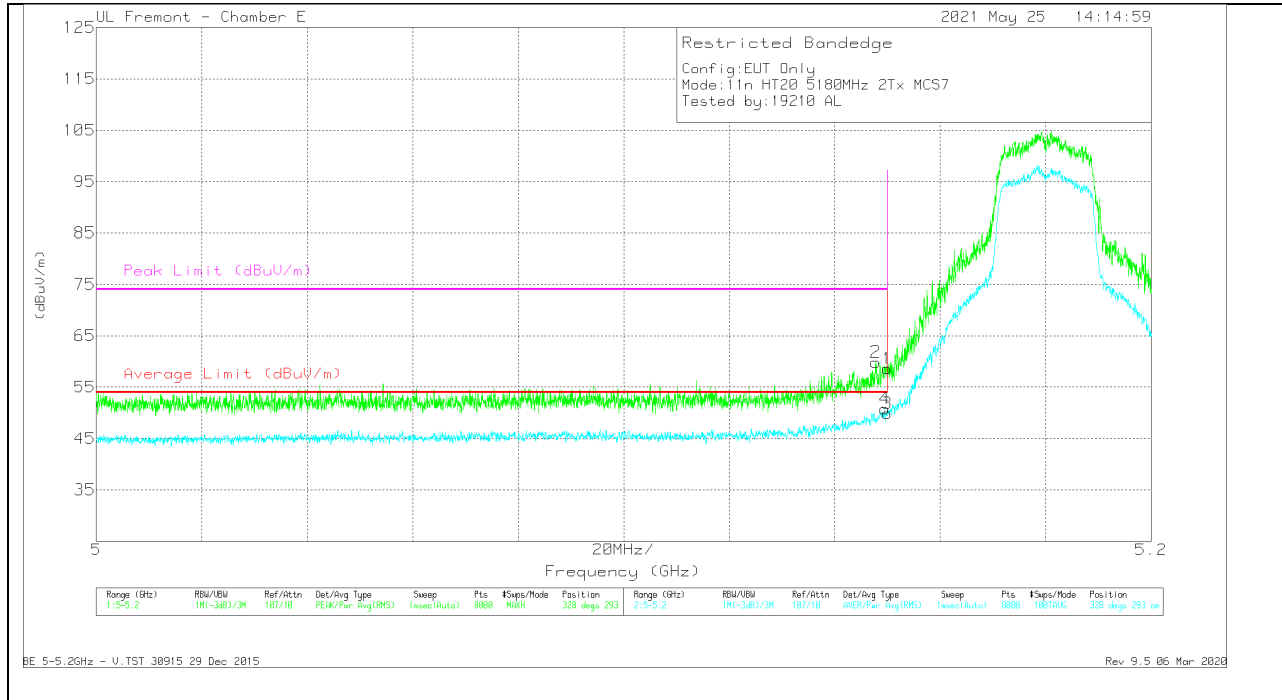


Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF PRE007 8107 (dB/m)	Amp/Cb I/Filtr/PA d (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 5.14999	44.66	Pk	34.3	-21.2	0	57.76	-	-	74	-16.24	338	299	H
2	* 5.14972	47.25	Pk	34.3	-21.2	0	60.35	-	-	74	-13.65	338	299	H
3	* 5.14999	36.83	RMS	34.3	-21.2	.39	50.32	54	-3.68	-	-	338	299	H
4	* 5.14957	37.14	RMS	34.3	-21.2	.39	50.63	54	-3.37	-	-	338	299	H

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

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VERTICAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF PRE007 8107 (dB/m)	Amp/Cb I/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	* 5.14999	45.49	Pk	34.3	-21.2	0	58.59	-	-	74	-15.41	328	293	V
2	* 5.14777	46.75	Pk	34.3	-21.2	0	59.85	-	-	74	-14.15	328	293	V
3	* 5.14999	36.17	RMS	34.3	-21.2	.39	49.66	54	-4.34	-	-	328	293	V
4	* 5.14947	37.06	RMS	34.3	-21.2	.39	50.55	54	-3.45	-	-	328	293	V

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

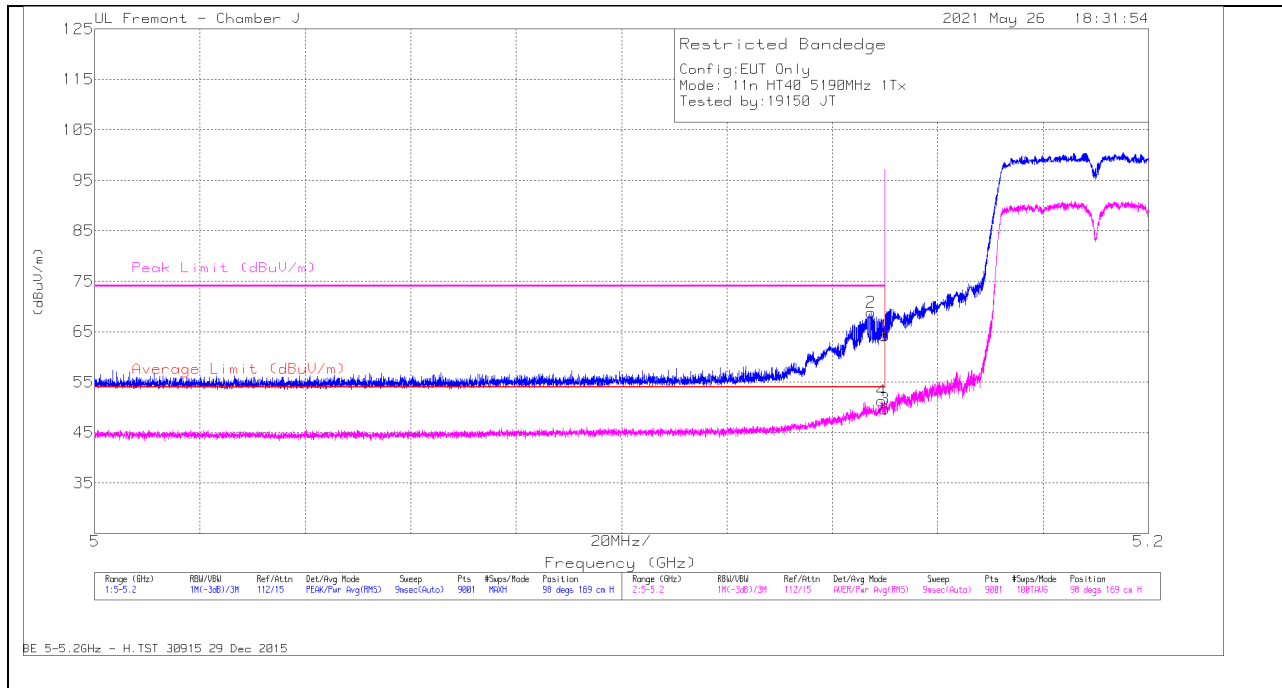
BE 5-5.2GHz - V.TST 30915 29 Dec 2015
Rev 9.5 06 Mar 2020

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

1TX ANT 6

BANDEDGE (LOW CHANNEL)

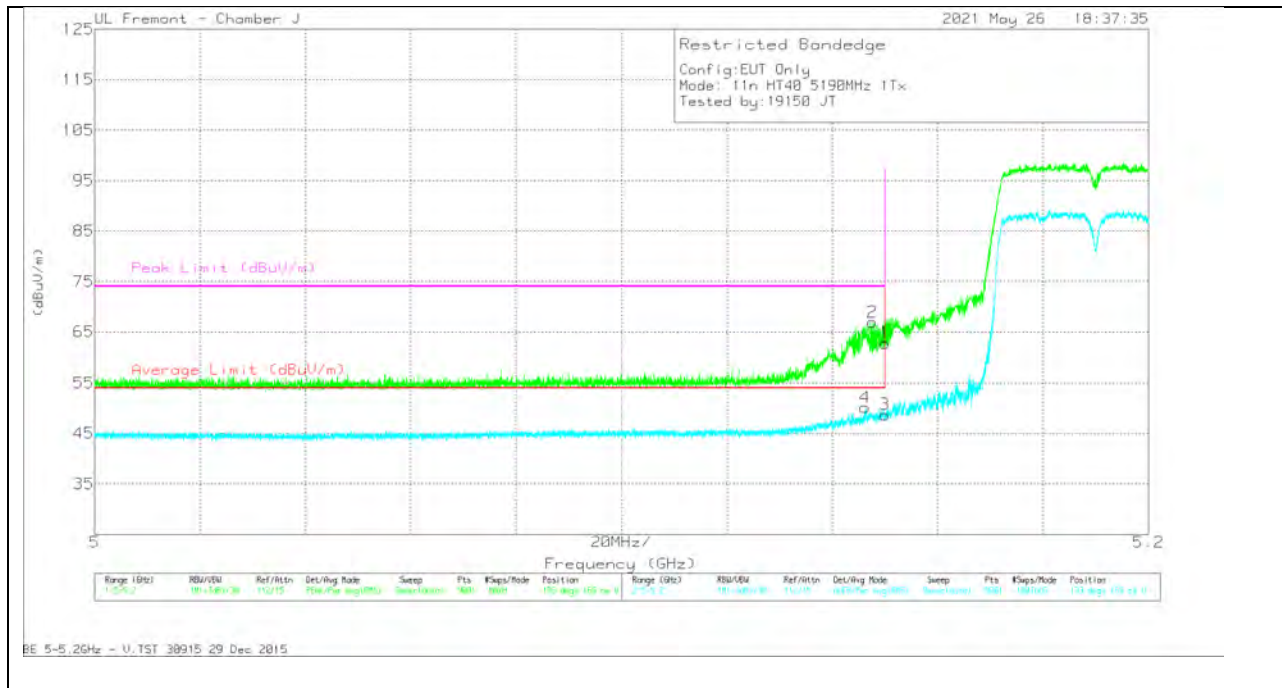
HORIZONTAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBUV)	Det	AF PRE010 0034 (dB/m)	Amp/Cb I/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	50.65	Pk	34.4	-20.8	0	64.25	-	-	74	-9.75	98	169	H
2	* 5.14735	55.18	Pk	34.4	-20.8	0	68.78	-	-	74	-5.22	98	169	H
3	* 5.15	35.39	RMS	34.4	-20.8	.62	49.61	54	-4.39	-	-	98	169	H
4	* 5.1494	36.97	RMS	34.4	-20.8	.62	51.19	54	-2.81	-	-	98	169	H

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

VERTICAL RESULT



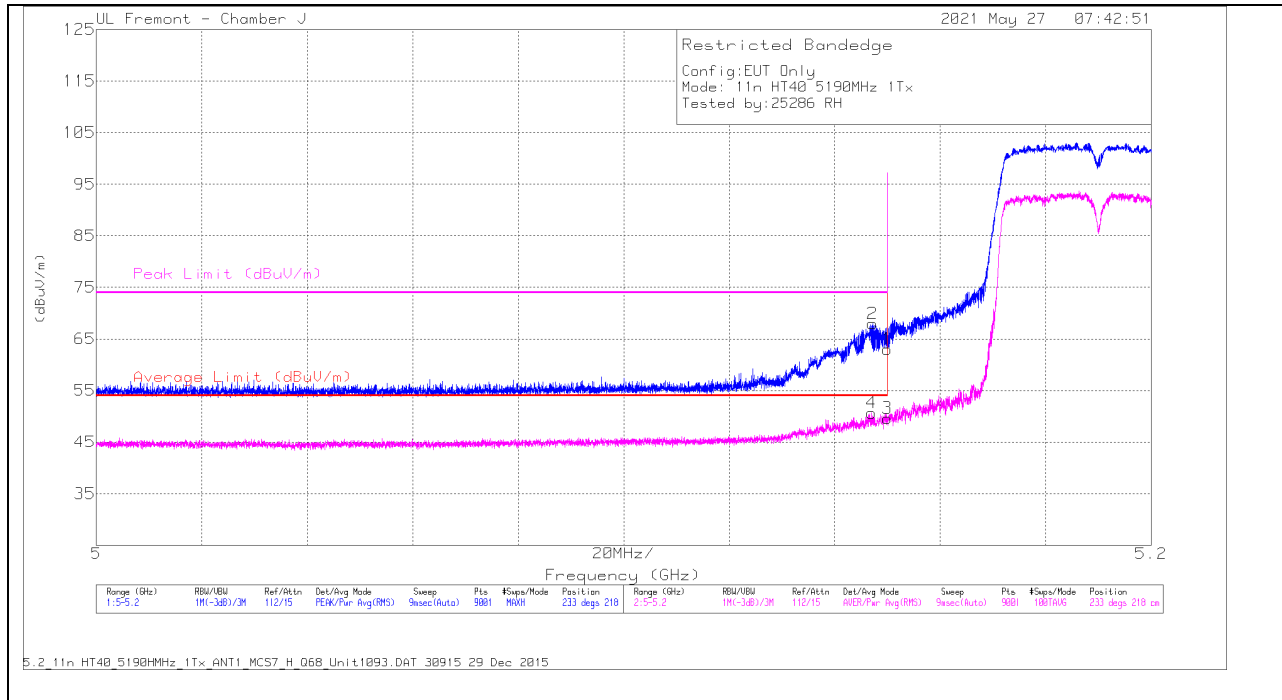
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF PRE010 0034 (dB/m)	Amp/Cb I/Filtr/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 5.15	49.19	Pk	34.4	-20.8	0	62.79	-	-	74	-11.21	193	169	V
2	* 5.1476	53.33	Pk	34.4	-20.8	0	66.93	-	-	74	-7.07	193	169	V
3	* 5.15	34.48	RMS	34.4	-20.8	.62	48.70	54	-5.30	-	-	193	169	V
4	* 5.14622	35.91	RMS	34.4	-20.8	.62	50.13	54	-3.87	-	-	193	169	V

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

1TX ANT 5

BANDEGE (LOW CHANNEL)

HORIZONTAL RESULT

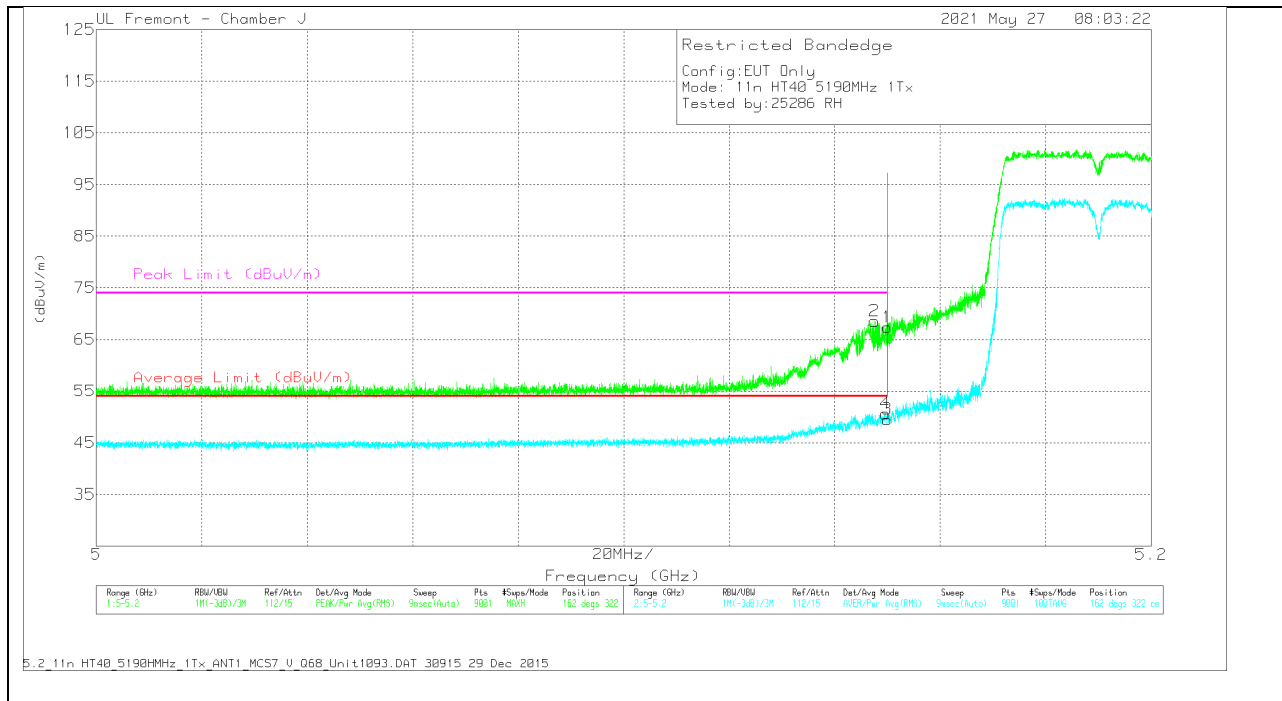


Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF PRE010 0034 (dB/m)	Amp/Cb I/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	49.45	Pk	34.4	-20.8	0	63.05	-	-	74	-10.95	233	218	H
2	* 5.14715	54.36	PK	34.4	-20.8	0	67.96	-	-	74	-6.04	233	218	H
3	* 5.15	35.4	RMS	34.4	-20.8	.62	49.62	54	-4.38	-	-	233	218	H
4	* 5.14695	36.43	RMS	34.4	-20.8	.62	50.65	54	-3.35	-	-	233	218	H

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

VERTICAL RESULT



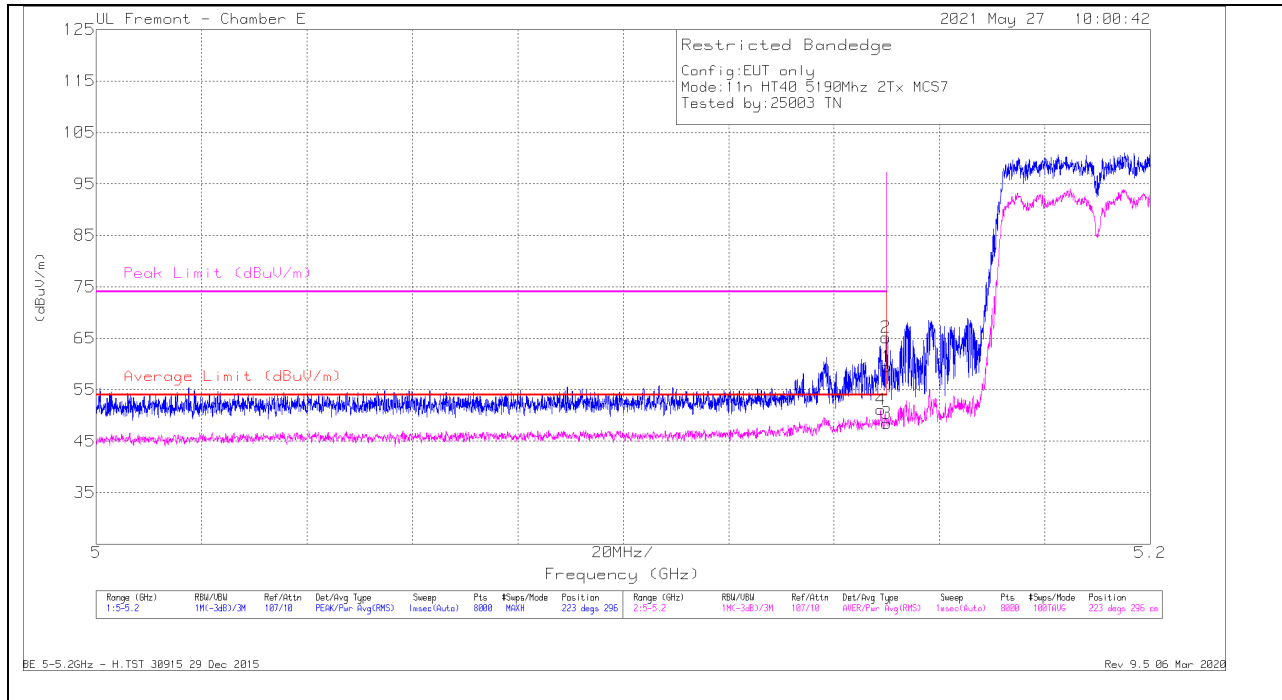
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1	* 5.15	53.76	Pk	34.4	-20.8	0	67.36	-	-	74	-6.64	162	322	V
2	* 5.14751	54.94	Pk	34.4	-20.8	0	68.54	-	-	74	-5.46	162	322	V
3	* 5.15	35.3	RMS	34.4	-20.8	.62	49.52	54	-4.48	-	-	162	322	V
4	* 5.14964	36.43	RMS	34.4	-20.8	.62	50.65	54	-3.35	-	-	162	322	V

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

2TX ANT 6 + ANT 5 CDD MODE

BANDEDGE (LOW CHANNEL)

HORIZONTAL RESULT

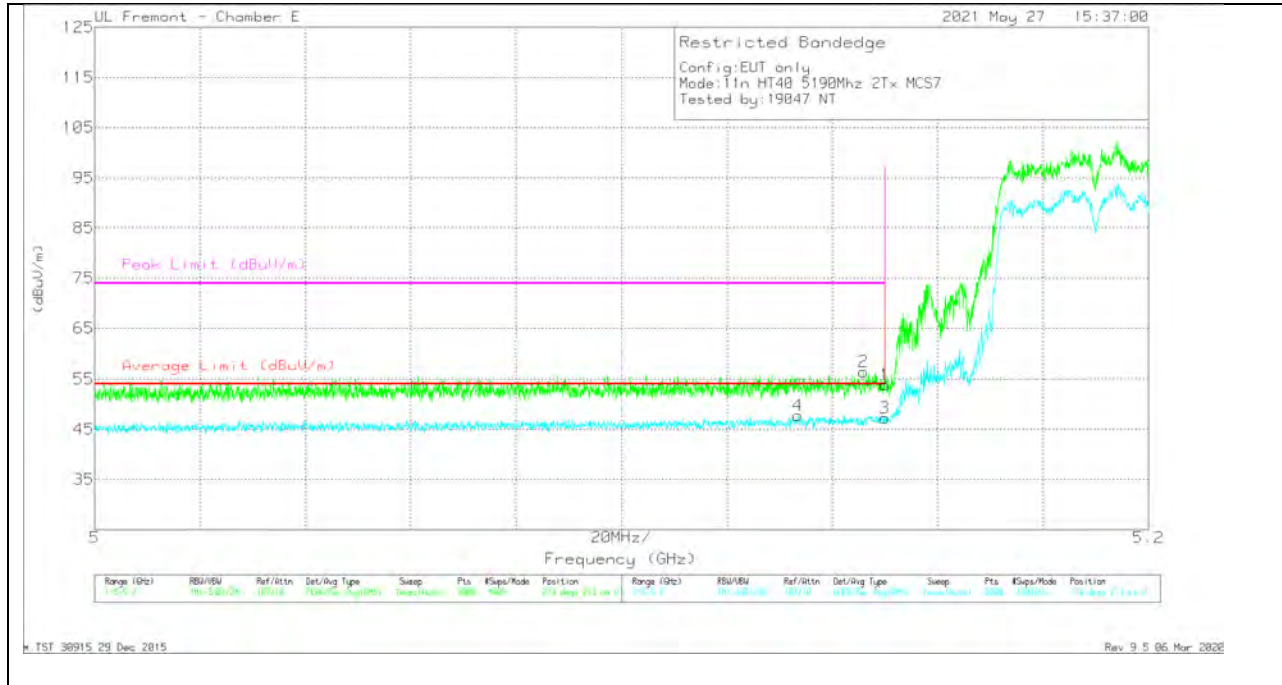


Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF PRE007 8107 (dB/m)	Amp/Cbl /Ftr/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
4	* 5.14884	37.13	RMS	34.3	-21.2	.62	50.85	54	-3.15	-	-	223	296	H
2	* 5.14987	52.06	Pk	34.3	-21.2	0	65.16	-	-	74	-8.84	223	296	H
1	* 5.14999	46.33	Pk	34.3	-21.2	0	59.43	-	-	74	-14.57	223	296	H
3	* 5.14999	34.48	RMS	34.3	-21.2	.62	48.20	54	-5.80	-	-	223	296	H

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

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VERTICAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF PRE007 8107 (dB/m)	Amp/Cb I/Fitr/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
4	* 5.13347	33.66	RMS	34.4	-21.2	.62	47.48	54	-6.52	-	-	274	213	V
2	* 5.14592	43.41	Pk	34.3	-21.2	0	56.51	-	-	74	-17.49	274	213	V
1	* 5.14999	40.72	Pk	34.3	-21.2	0	53.82	-	-	74	-20.18	274	213	V
3	* 5.14999	33.3	RMS	34.3	-21.2	.62	47.02	54	-6.98	-	-	274	213	V

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

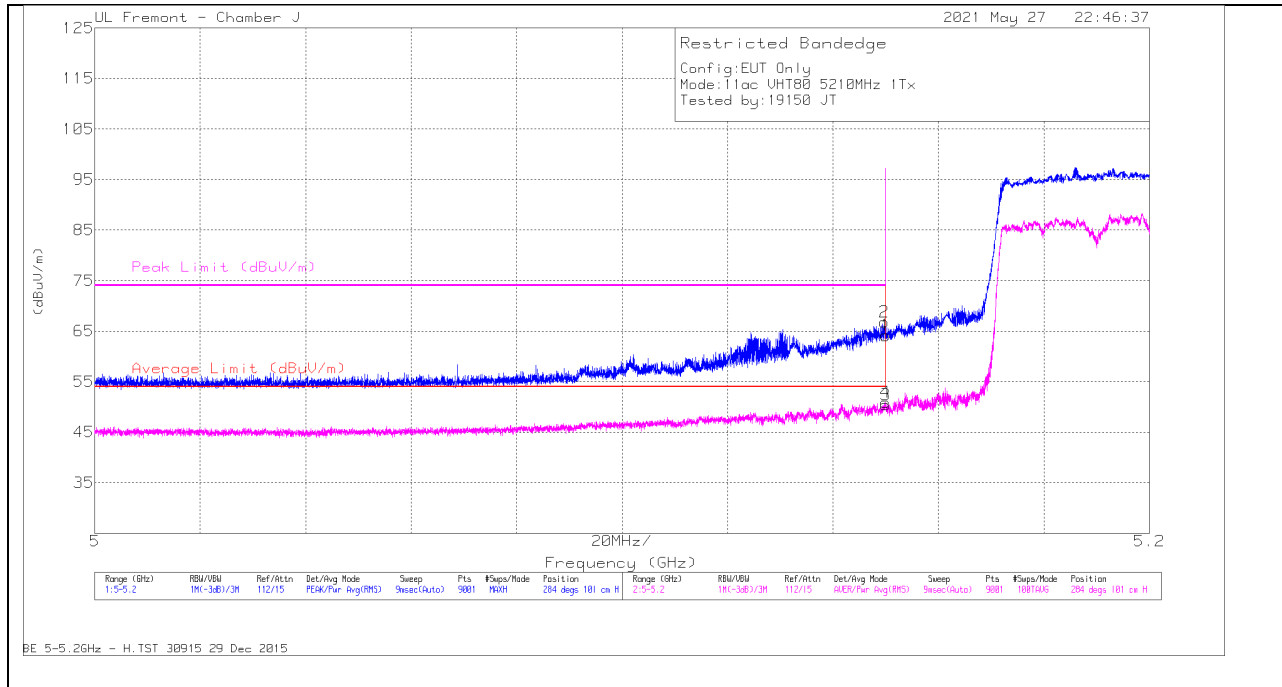
*.TST 30915 29 Dec 2015
Rev 9.5 06 Mar 2020

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

1TX ANT 6

BANDEDGE (MID CHANNEL)

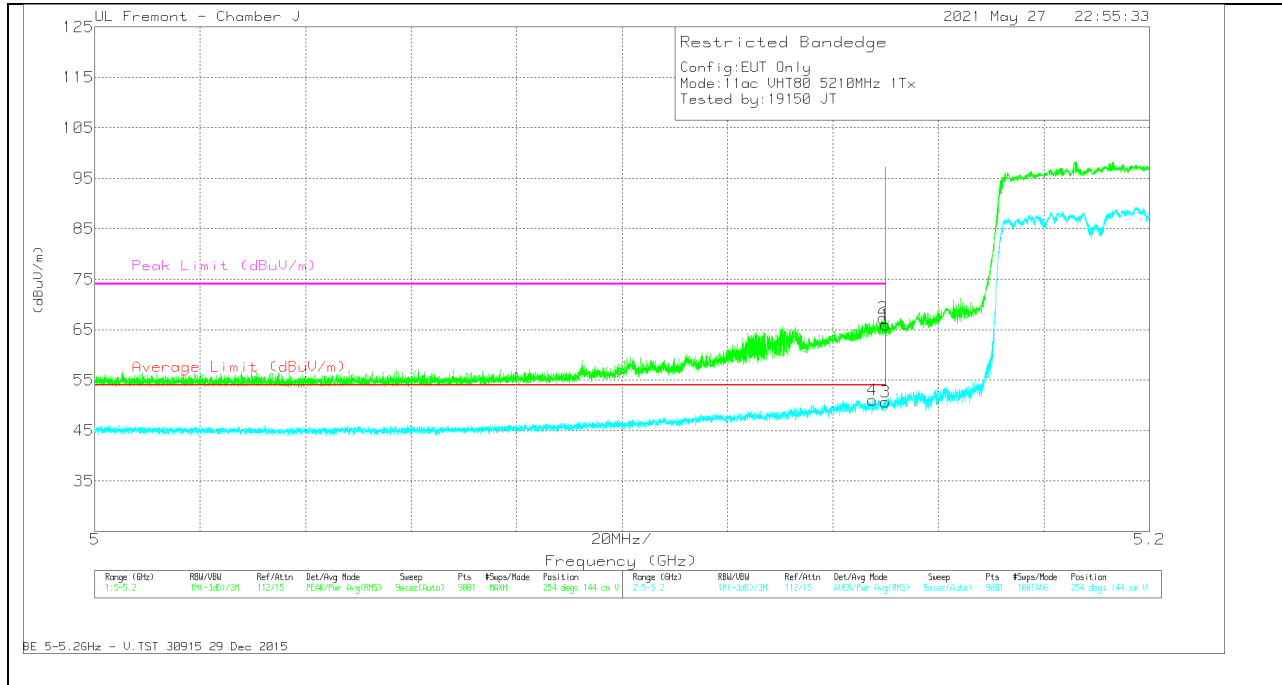
HORIZONTAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF PRE010 0034 (dB/m)	Amp/Cb I/Filt/Pa d (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	50.54	Pk	34.4	-20.8	0	64.14	-	-	74	-9.86	284	101	H
2	* 5.14971	53.26	Pk	34.4	-20.8	0	66.86	-	-	74	-7.14	284	101	H
3	* 5.15	35.67	RMS	34.4	-20.8	1.06	50.33	54	-3.67	-	-	284	101	H
4	* 5.14995	36.19	RMS	34.4	-20.8	1.06	50.85	54	-3.15	-	-	284	101	H

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

VERTICAL RESULT



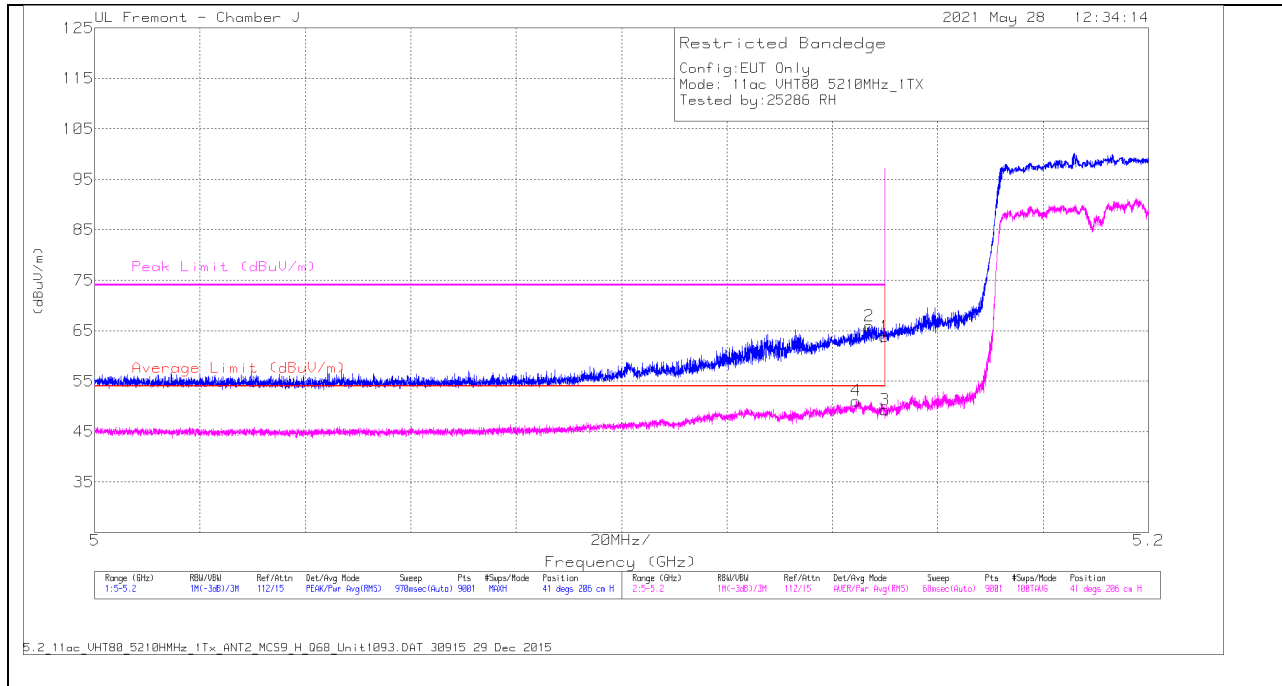
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF PRE010 0034 (dB/m)	Amp/Cb I/Filt/Pa d (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 5.15	52.38	Pk	34.4	-20.8	0	65.98	-	-	74	-8.02	254	144	V
2	* 5.14944	53.65	Pk	34.4	-20.8	0	67.25	-	-	74	-6.75	254	144	V
3	* 5.15	36.01	RMS	34.4	-20.8	1.06	50.63	54	-3.37	-	-	254	144	V
4	* 5.14744	36.36	RMS	34.4	-20.8	1.06	50.98	54	-3.02	-	-	254	144	V

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

1TX ANT 5

BANDEDGE (MID CHANNEL)

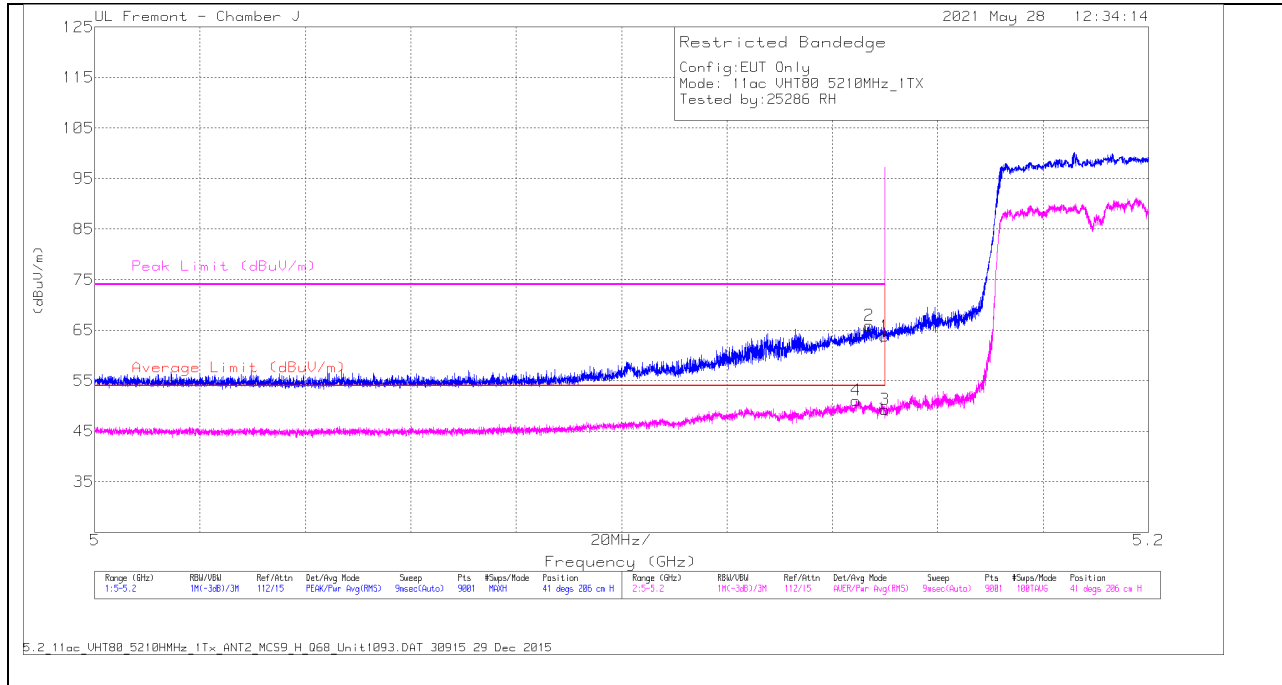
HORIZONTAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF PRE010 0034 (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	50.28	Pk	34.4	-20.8	0	63.88	-	-	74	-10.12	41	206	H
2	* 5.147	52.3	Pk	34.4	-20.8	0	65.9	-	-	74	-8.1	41	206	H
3	* 5.15	34.59	RMS	34.4	-20.8	1.06	49.25	54	-4.75	-	-	41	206	H
4	* 5.14444	36.44	RMS	34.4	-20.8	1.06	51.1	54	-2.9	-	-	41	206	H

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

VERTICAL RESULT



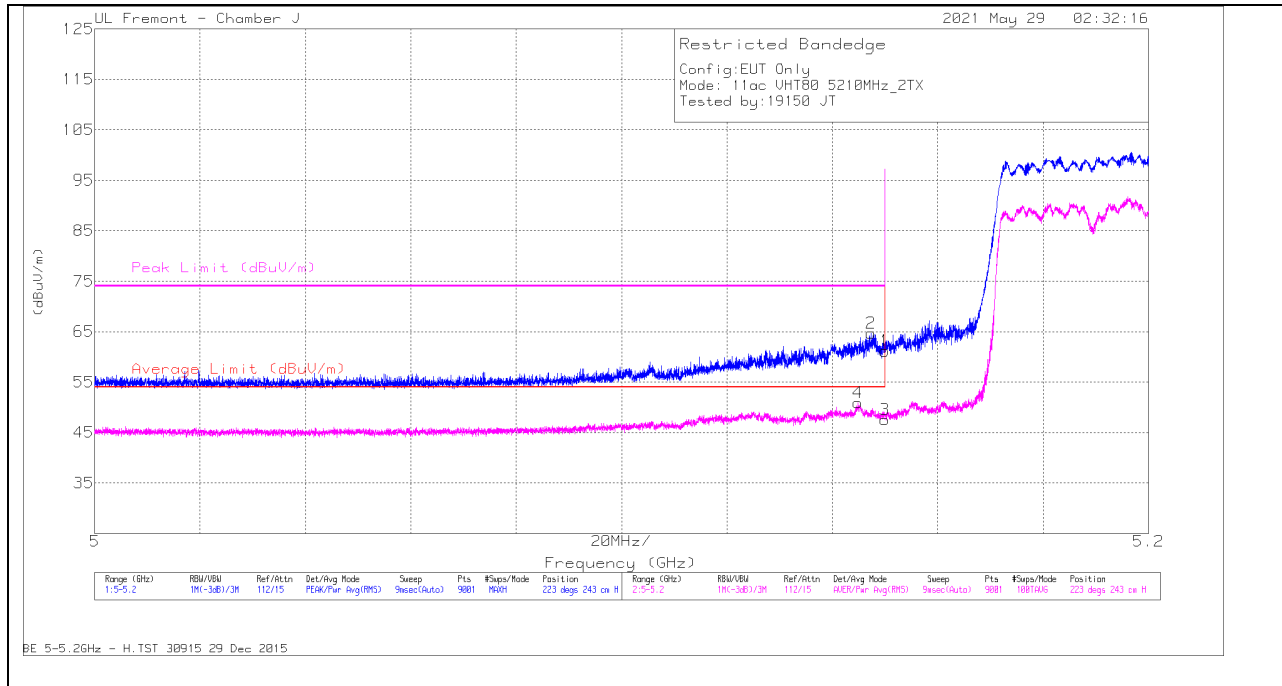
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF PRE0100034 (dB/m)	Amp/Cb I/Filtr/PA d (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 5.15	50.28	Pk	34.4	-20.8	0	63.88	-	-	74	-10.12	41	206	H
2	* 5.147	52.3	Pk	34.4	-20.8	0	65.9	-	-	74	-8.1	41	206	H
3	* 5.15	34.59	RMS	34.4	-20.8	1.06	49.25	54	-4.75	-	-	41	206	H
4	* 5.14444	36.44	RMS	34.4	-20.8	1.06	51.1	54	-2.9	-	-	41	206	H

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

2TX ANT 5 + ANT 6 CDD MODE

BANDEDGE (MID CHANNEL)

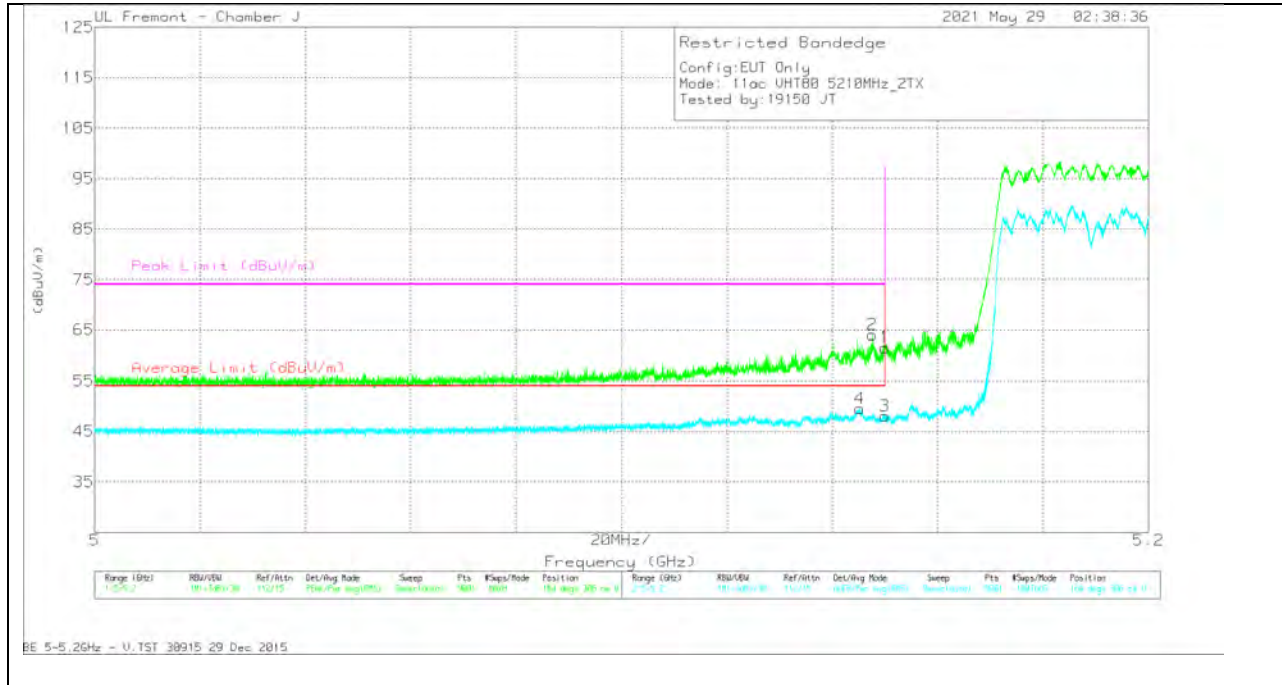
HORIZONTAL RESULT



Marker	Frequenc y (GHz)	Meter Reading (dBuV)	Det	AF PRE010 0034 (dB/m)	Amp/Cbl /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	47.56	Pk	34.4	-20.8	0	61.16	-	-	74	-12.84	223	243	H
2	* 5.14735	51.09	Pk	34.4	-20.8	0	64.69	-	-	74	-9.31	223	243	H
3	* 5.15	32.85	RMS	34.4	-20.8	1.06	47.51	54	-6.49	-	-	223	243	H
4	* 5.14487	36.16	RMS	34.4	-20.8	1.06	50.82	54	-3.18	-	-	223	243	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 PRE010 0034 (dB/m)	Amp/Cbl /Ftr/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	47.96	Pk	34.4	-20.8	0	61.56	-	-	74	-12.44	164	306	V
2	* 5.14755	50.43	Pk	34.4	-20.8	0	64.03	-	-	74	-9.97	164	306	V
3	* 5.15	33.26	RMS	34.4	-20.8	1.06	47.92	54	-6.08	-	-	164	306	V
4	* 5.1452	34.84	RMS	34.4	-20.8	1.06	49.50	54	-4.50	-	-	164	306	V

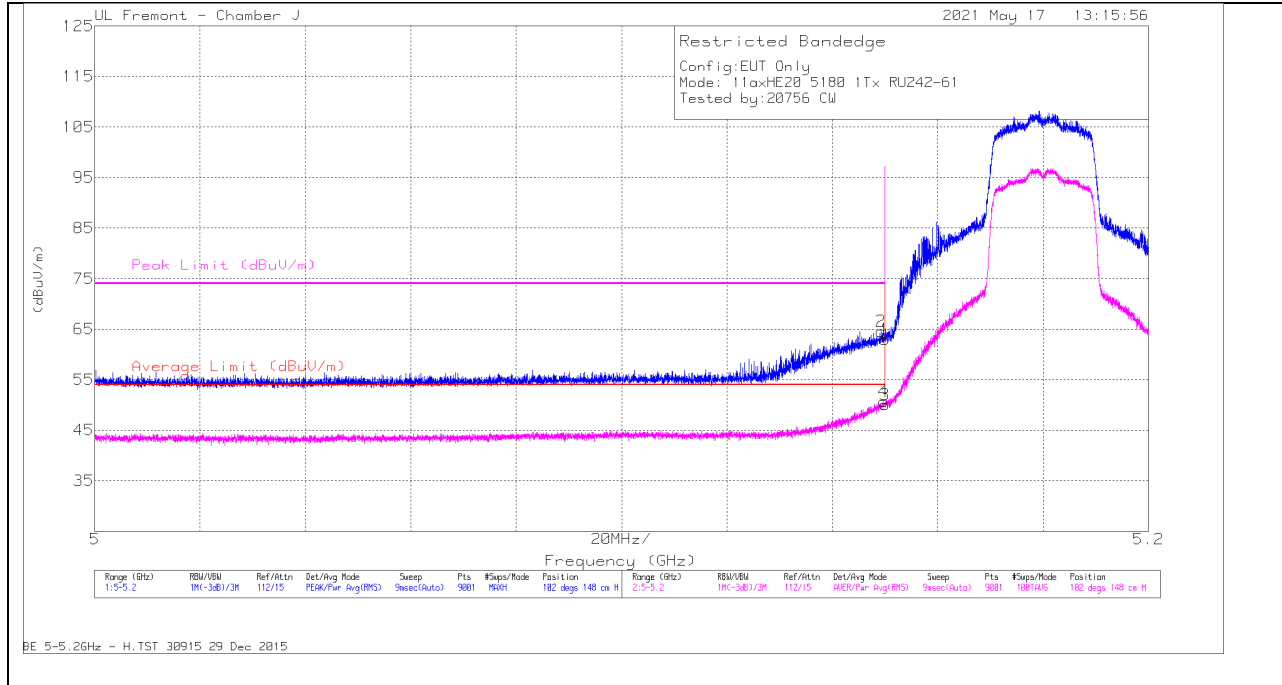
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band
 PK - Peak detector
 RMS - RMS detection

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

1TX ANT 6 – 242 Tones, RU Index 61

BANDEDGE (LOW CHANNEL)

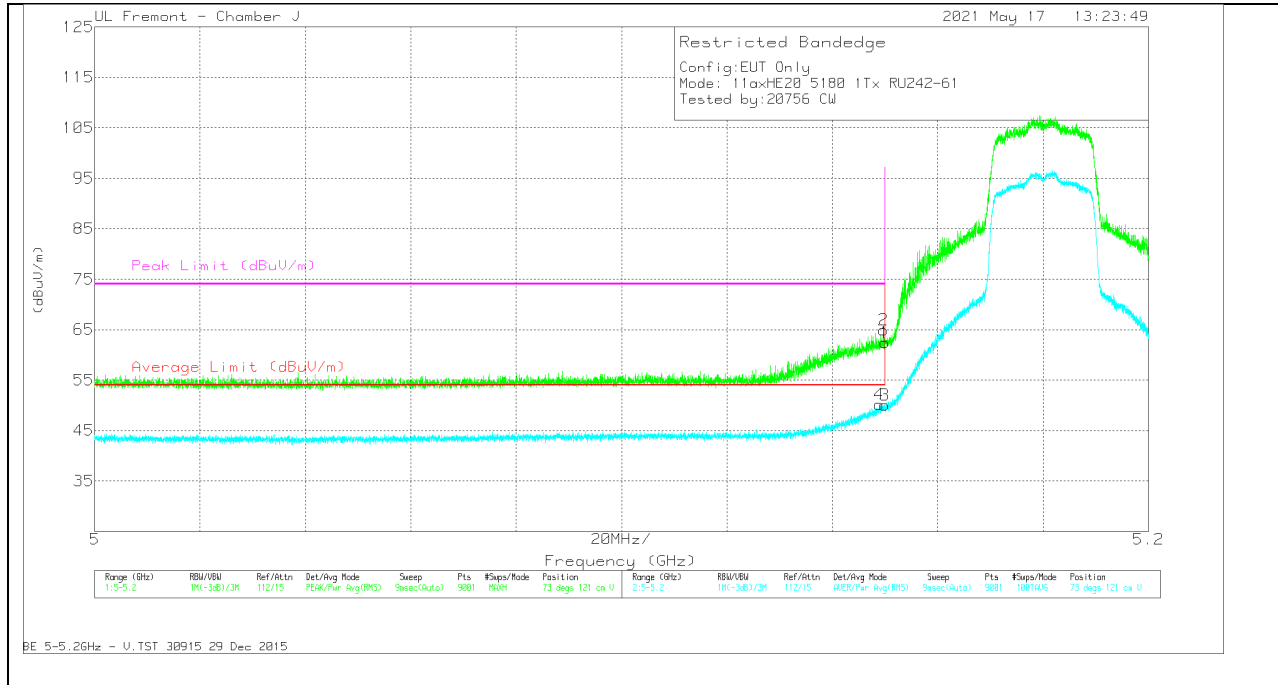
HORIZONTAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF PRE010034 (dB/m)	Amp/Cb/ Filt/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	49.3	Pk	34.4	-20.8	62.9	-	-	74	-11.1	102	148	H
2	* 5.14927	51.02	Pk	34.4	-20.8	64.62	-	-	74	-9.38	102	148	H
3	* 5.15	36.44	RMS	34.4	-20.8	50.04	54	-3.96	-	-	102	148	H
4	* 5.14973	37.11	RMS	34.4	-20.8	50.71	54	-3.29	-	-	102	148	H

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

VERTICAL RESULT



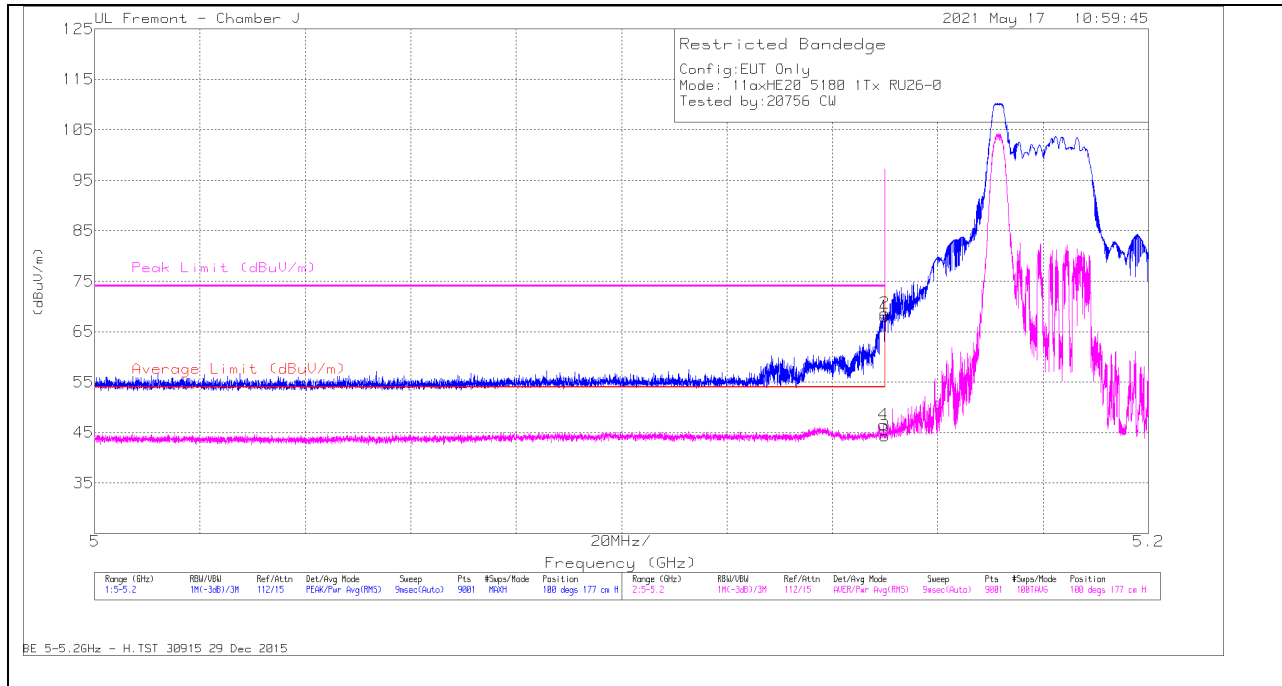
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF PRE0100 034 (dB/m)	Amp/Cbl /Ftr/Pad (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 5.15	48.86	Pk	34.4	-20.8	62.46	-	-	74	-11.54	73	121	V
2	* 5.14978	51.35	Pk	34.4	-20.8	64.95	-	-	74	-9.05	73	121	V
3	* 5.15	36.4	RMS	34.4	-20.8	50	54	-4.00	-	-	73	121	V
4	* 5.14884	36.53	RMS	34.4	-20.8	50.13	54	-3.87	-	-	73	121	V

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

1TX ANT 6 – 26 Tones, RU Index 0

BANDEDGE (LOW CHANNEL)

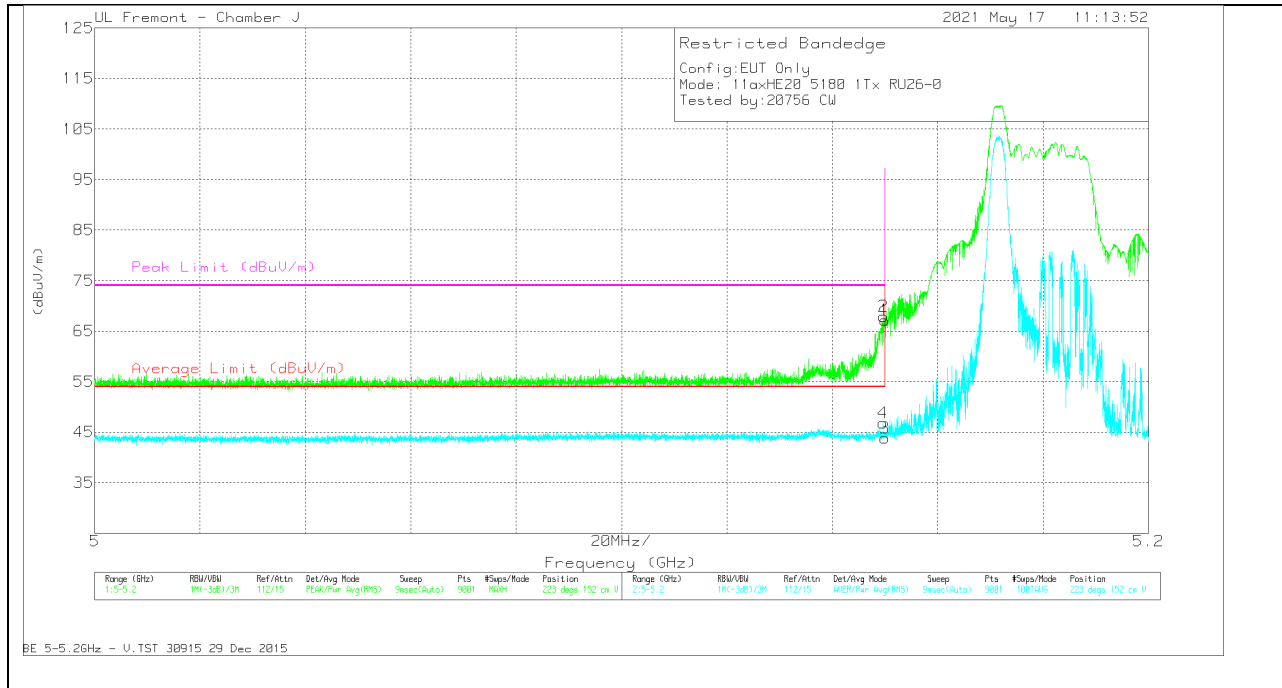
HORIZONTAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF PRE0100 034 (dB/m)	Amp/Cbl /Ftr/Pad (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 5.15	54.49	Pk	34.4	-20.8	68.09	-	-	74	-5.91	100	177	H
2	* 5.14993	55.05	Pk	34.4	-20.8	68.65	-	-	74	-5.35	100	177	H
3	* 5.15	30.68	RMS	34.4	-20.8	44.28	54	-9.72	-	-	100	177	H
4	* 5.14973	32.93	RMS	34.4	-20.8	46.53	54	-7.47	-	-	100	177	H

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

VERTICAL RESULT



Marker	Frequen cy (GHz)	Meter Reading (dBuV)	Det	AF PRE0100 034 (dB/m)	Amp/Cbl /Fitr/Pad (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	53.57	Pk	34.4	-20.8	67.17	-	-	74	-6.83	223	152	V
2	* 5.14978	54.31	Pk	34.4	-20.8	67.91	-	-	74	-6.09	223	152	V
3	* 5.15	30.2	RMS	34.4	-20.8	43.8	54	-10.2	-	-	223	152	V
4	* 5.1496	33.17	RMS	34.4	-20.8	46.77	54	-7.23	-	-	223	152	V

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

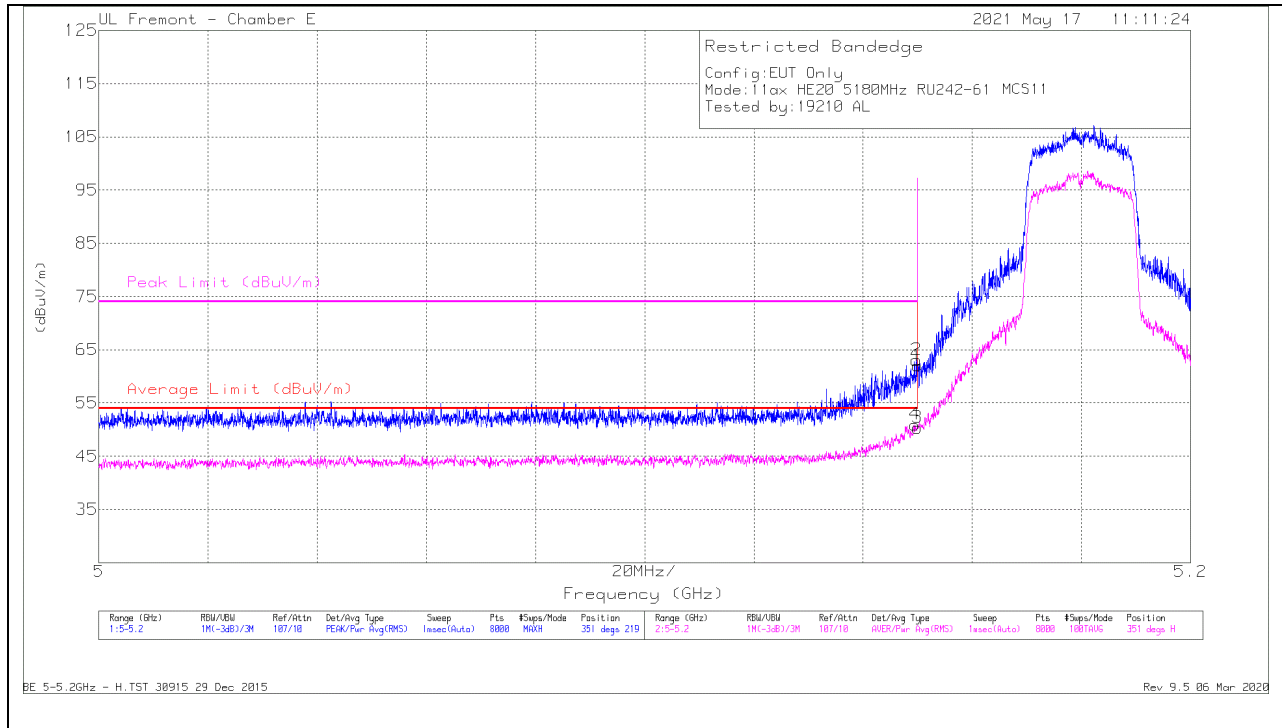
Pk - Peak detector

RMS - RMS detection

1TX ANT 5 – 242 Tones, RU Index 61

BANDEDGE (LOW CHANNEL)

HORIZONTAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF PRE0078 107 (dB/m)	Amp/CbI Filt/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	* 5.14999	48.9	Pk	34.3	-21.2	62	-	-	74	-12	351	219	H
2	* 5.14979	49.98	Pk	34.3	-21.2	63.08	-	-	74	-10.92	351	219	H
3	* 5.14999	37.27	RMS	34.3	-21.2	50.37	54	-3.63	-	-	351	219	H
4	* 5.14949	37.86	RMS	34.3	-21.2	50.96	54	-3.04	-	-	351	219	H

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

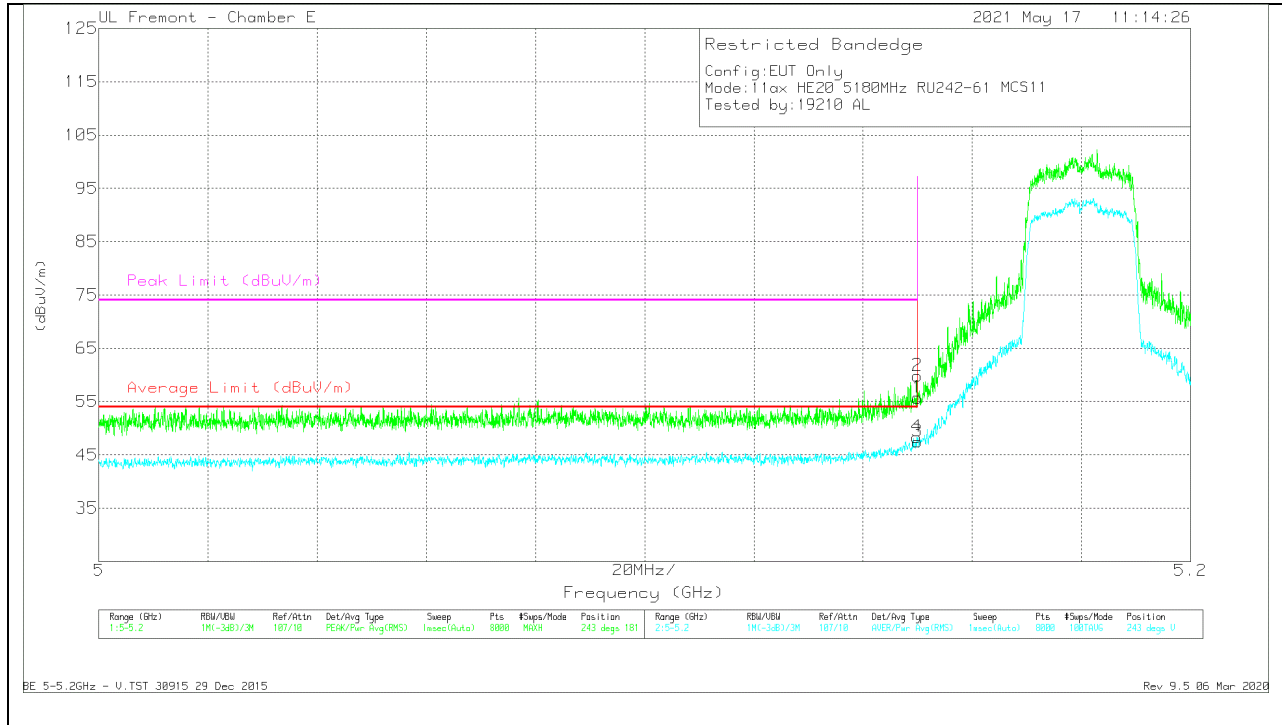
Pk - Peak detector

RMS - RMS detection

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

Rev 9.5 06 Mar 2020

VERTICAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF PRE0078 107 (dB/m)	Amp/Cb/ Filt/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	* 5.14999	42.63	Pk	34.3	-21.2	55.73	-	-	74	-18.27	243	181	V
2	* 5.14992	46.75	Pk	34.3	-21.2	59.85	-	-	74	-14.15	243	181	V
3	* 5.14999	34.43	RMS	34.3	-21.2	47.53	54	-6.47	-	-	243	181	V
4	* 5.14987	35.28	RMS	34.3	-21.2	48.38	54	-5.62	-	-	243	181	V

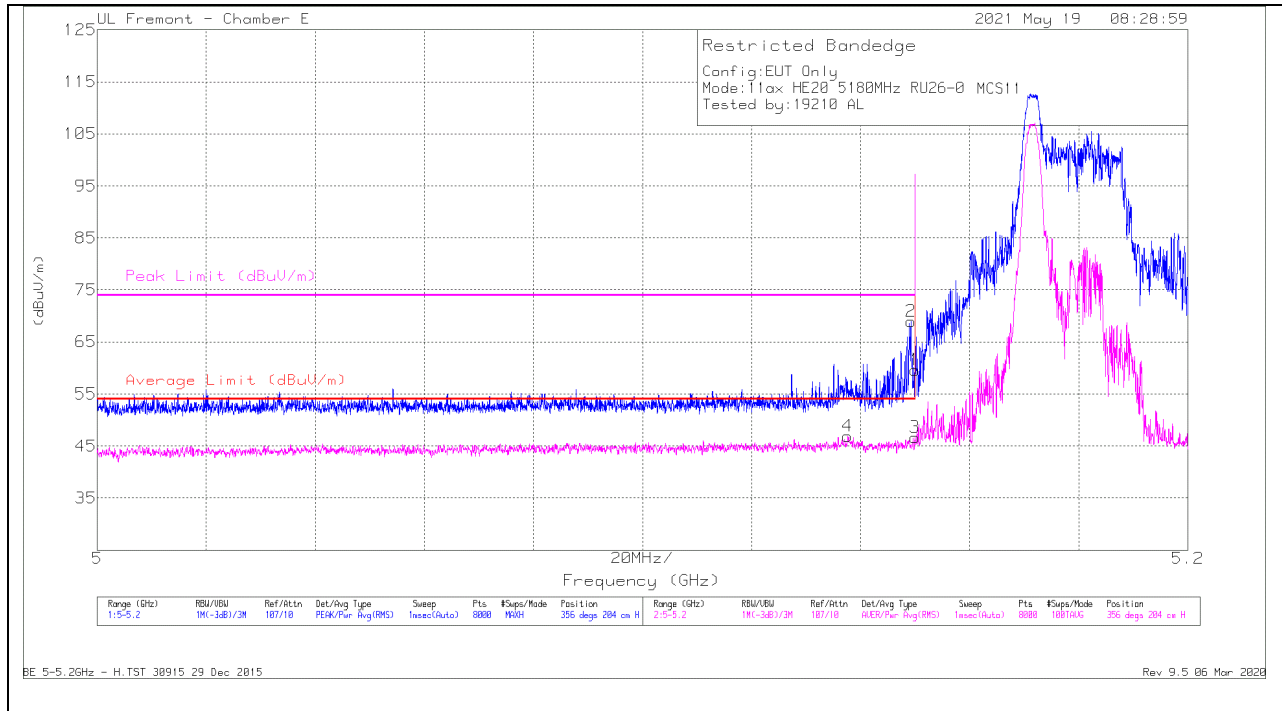
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band
Pk - Peak detector
RMS - RMS detection

BE 5-5.2GHz - V.TST 30915 29 Dec 2015
Rev 9.5 06 Mar 2020

1TX ANT 5 – 26 Tones, RU Index 0

BANEDGE (LOW CHANNEL)

HORIZONTAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF PRE0078 107 (dB/m)	Amp/Cb/ Filt/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	* 5.14999	46.45	Pk	34.3	-21.2	59.55	-	-	74	-14.45	356	204	H
2	* 5.14922	55.89	Pk	34.3	-21.2	68.99	-	-	74	-5.01	356	204	H
3	* 5.14999	33.53	RMS	34.3	-21.2	46.63	54	-7.37	-	-	356	204	H
4	* 5.13764	33.54	RMS	34.4	-21.1	46.84	54	-7.16	-	-	356	204	H

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

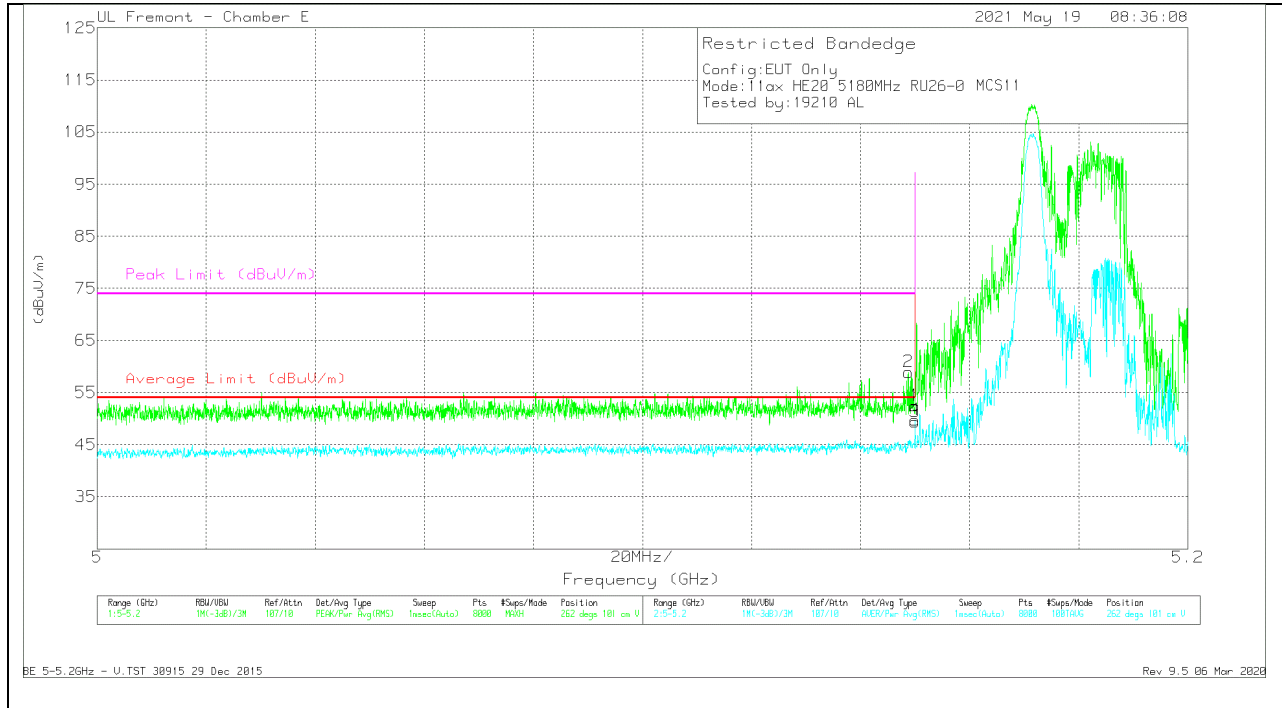
Pk - Peak detector

RMS - RMS detection

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

Rev 9.5 06 Mar 2020

VERTICAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF PRE0078 107 (dB/m)	Amp/Cb/ Filt/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	* 5.14999	39.37	Pk	34.3	-21.2	52.47	-	-	74	-21.53	262	101	V
2	* 5.14872	45.82	Pk	34.3	-21.2	58.92	-	-	74	-15.08	262	101	V
3	* 5.14999	36.27	RMS	34.3	-21.2	49.37	54	-4.63	-	-	262	101	V
4	* 5.14997	36.62	RMS	34.3	-21.2	49.72	54	-4.28	-	-	262	101	V

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

Pk - Peak detector

RMS - RMS detection

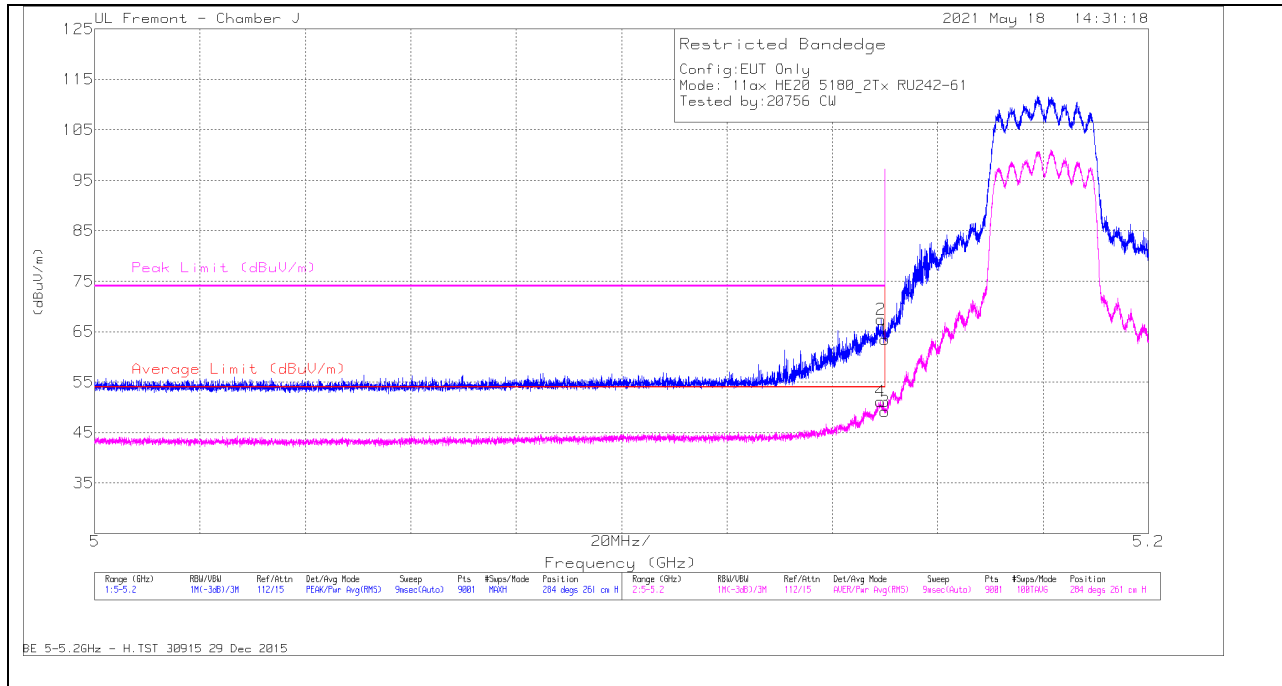
BE 5-5.2GHz - V.TST 30915 29 Dec 2015

Rev 9.5 06 Mar 2020

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

BANDEDGE (LOW CHANNEL)

HORIZONTAL RESULT



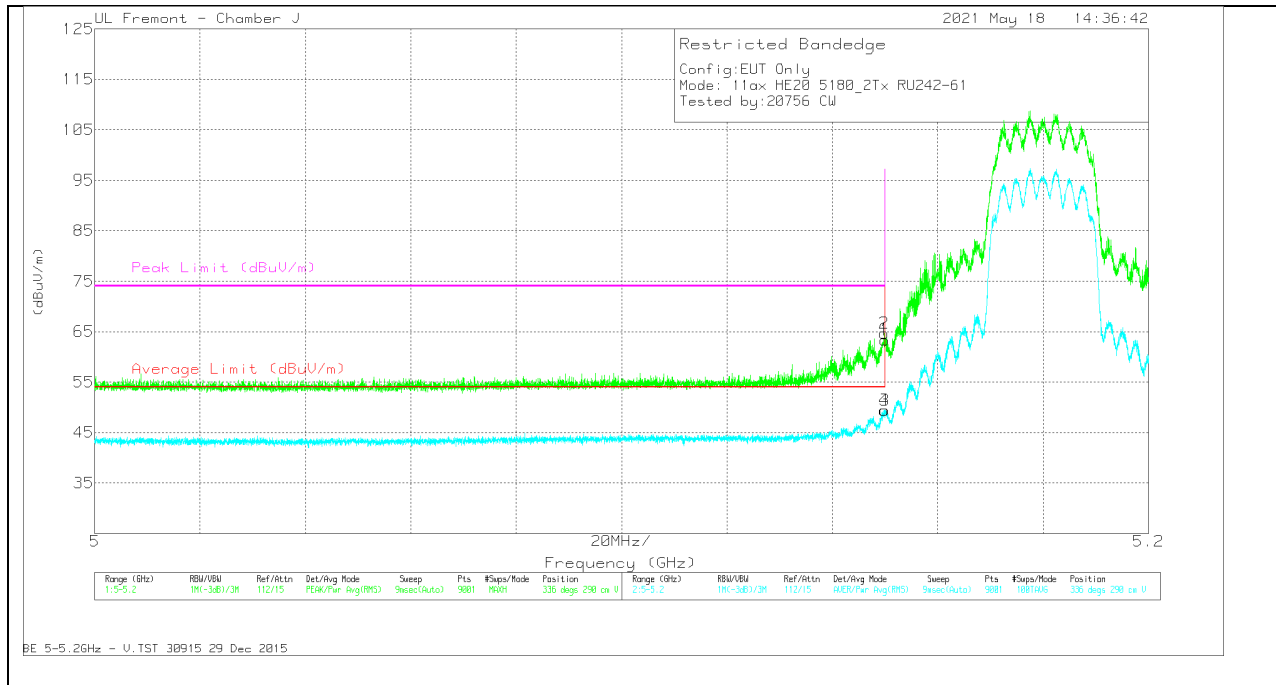
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1	* 5.15	49.91	Pk	34.4	-20.8	63.51	-	-	74	-10.49	284	261	H
2	* 5.14922	53.87	Pk	34.4	-20.8	67.47	-	-	74	-6.53	284	261	H
3	* 5.15	35.52	RMS	34.4	-20.8	49.12	54	-4.88	-	-	284	261	H
4	* 5.14909	37.55	RMS	34.4	-20.8	51.15	54	-2.85	-	-	284	261	H

* - 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 PRE0100 034 (dB/m)	Amp/Cbl /Ftr/Pad (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 5.15	49.79	Pk	34.4	-20.8	63.39	-	-	74	-10.61	336	290	V
2	* 5.14982	51.15	Pk	34.4	-20.8	64.75	-	-	74	-9.25	336	290	V
3	* 5.15	35.86	RMS	34.4	-20.8	49.46	54	-4.54	-	-	336	290	V
4	* 5.14984	35.84	RMS	34.4	-20.8	49.44	54	-4.56	-	-	336	290	V

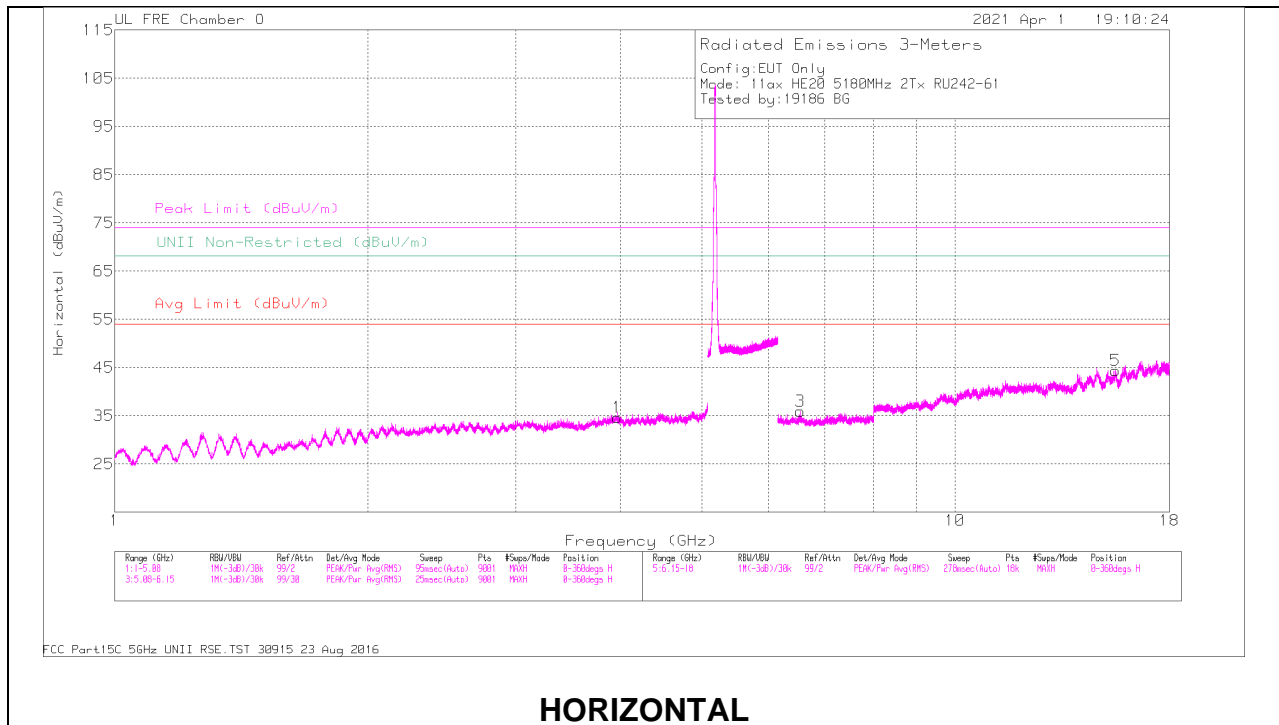
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

Pk - Peak detector

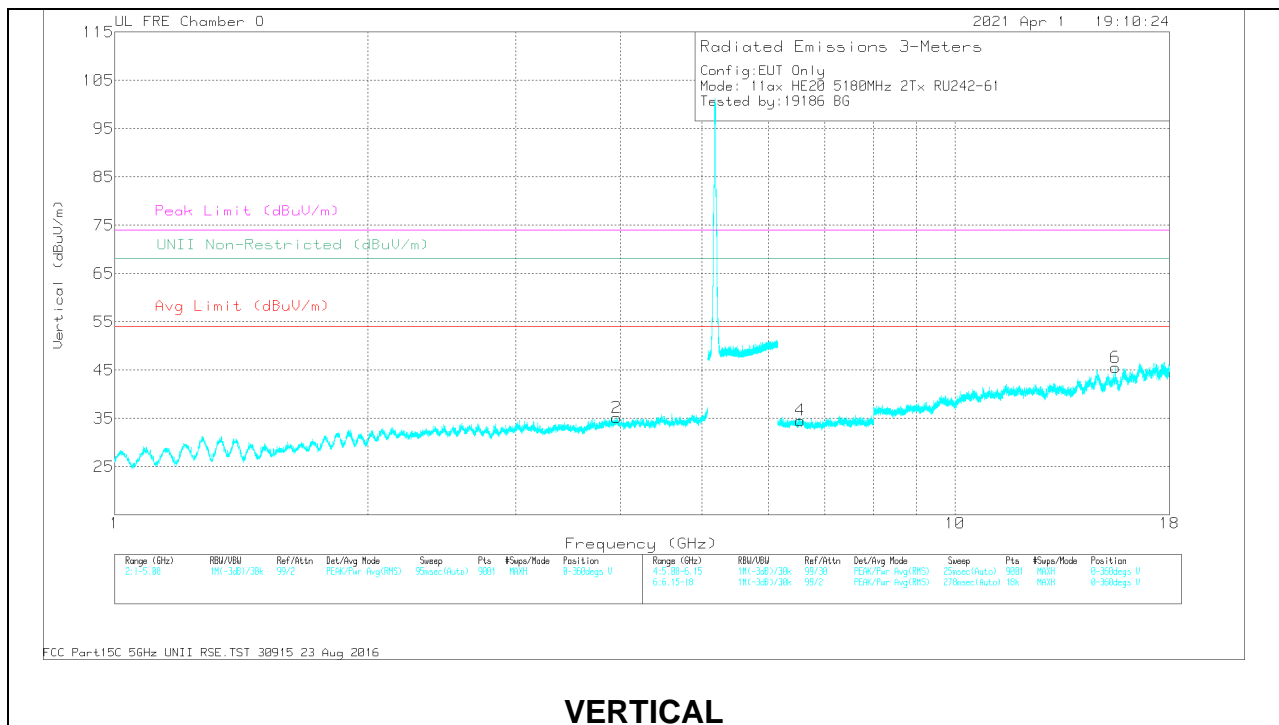
RMS - RMS detection

HARMONICS AND SPURIOUS EMISSIONS

LOW CHANNEL RESULTS



HORIZONTAL



VERTICAL

RADIATED EMISSIONS

Range 1: Horizontal 1000 - 5080MHz

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF PRE0213832	Amp/Cbl/Filtr/Pad (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 3.96066	53.35	PK-U	33.9	-42.5	44.75	-	-	74	-29.25	-	-	92	100	H
	* 3.96335	41.65	ADR	33.9	-42.5	33.05	54	-20.95	-	-	-	-	92	100	H

Range 2: Vertical 1000 - 5080MHz

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF PRE0213832	Amp/Cbl/Filtr/Pad (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
2	* 3.9608	53.55	PK-U	33.9	-42.5	44.95	-	-	74	-29.05	-	-	52	201	V
	* 3.9586	41.99	ADR	33.9	-42.5	33.39	54	-20.61	-	-	-	-	52	201	V

Range 5: Horizontal 6150 - 18000MHz

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF PRE0213832	Amp/Cbl/Filtr/Pad (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
3	6.5455	50.22	PK-U	35.8	-39.5	46.52	-	-	-	-	68.2	-21.68	110	100	H
	6.5455	38.71	ADR	35.8	-39.5	35.01	-	-	-	-	-	-	110	100	H
5	* 15.5172	47.77	PK-U	40.2	-33.5	54.47	-	-	74	-19.53	-	-	220	100	H
	* 15.5180	36.17	ADR	40.2	-33.5	42.87	54	-11.13	-	-	-	-	220	100	H

Range 6: Vertical 6150 - 18000MHz

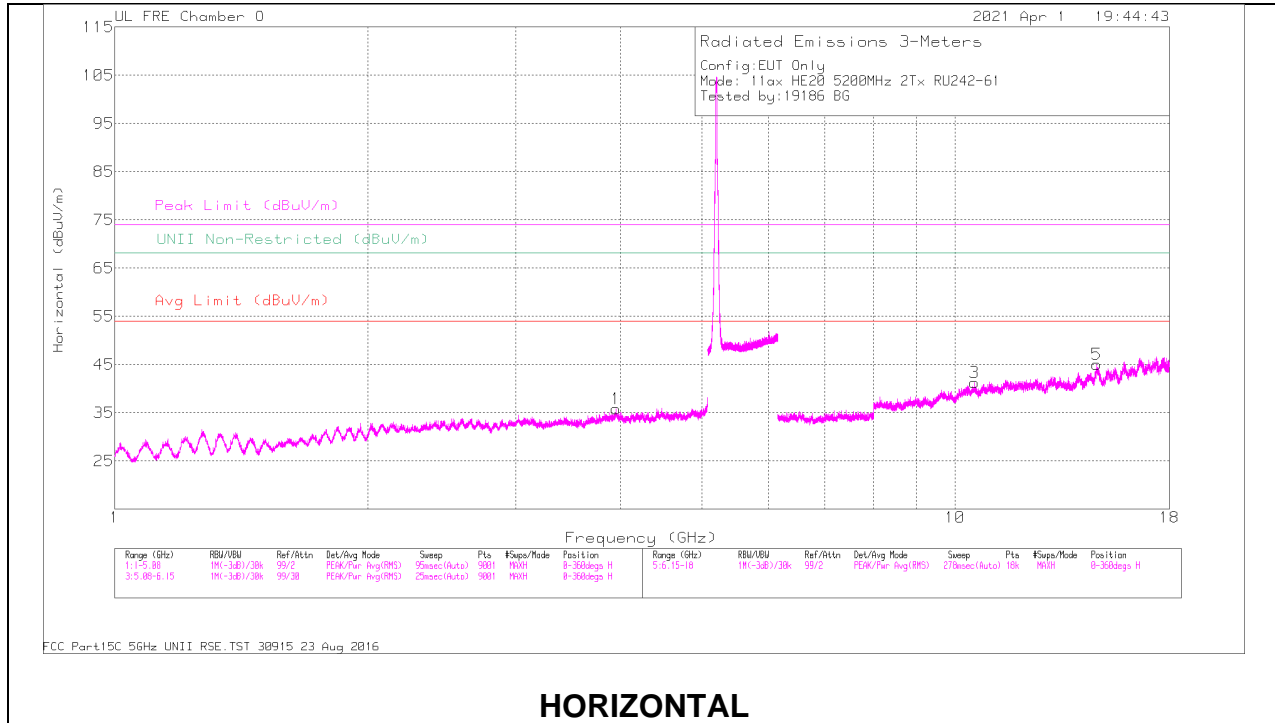
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF PRE0213832	Amp/Cbl/Filtr/Pad (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
4	6.54749	50.61	PK-U	35.7	-39.5	46.81	-	-	-	-	68.2	-21.39	175	200	V
	6.54557	38.88	ADR	35.8	-39.5	35.18	-	-	-	-	-	-	175	200	V
6	* 15.5227	47.15	PK-U	40.3	-33.4	54.05	-	-	74	-19.95	-	-	232	200	V
	* 15.5223	35.88	ADR	40.3	-33.4	42.78	54	-11.22	-	-	-	-	232	200	V

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

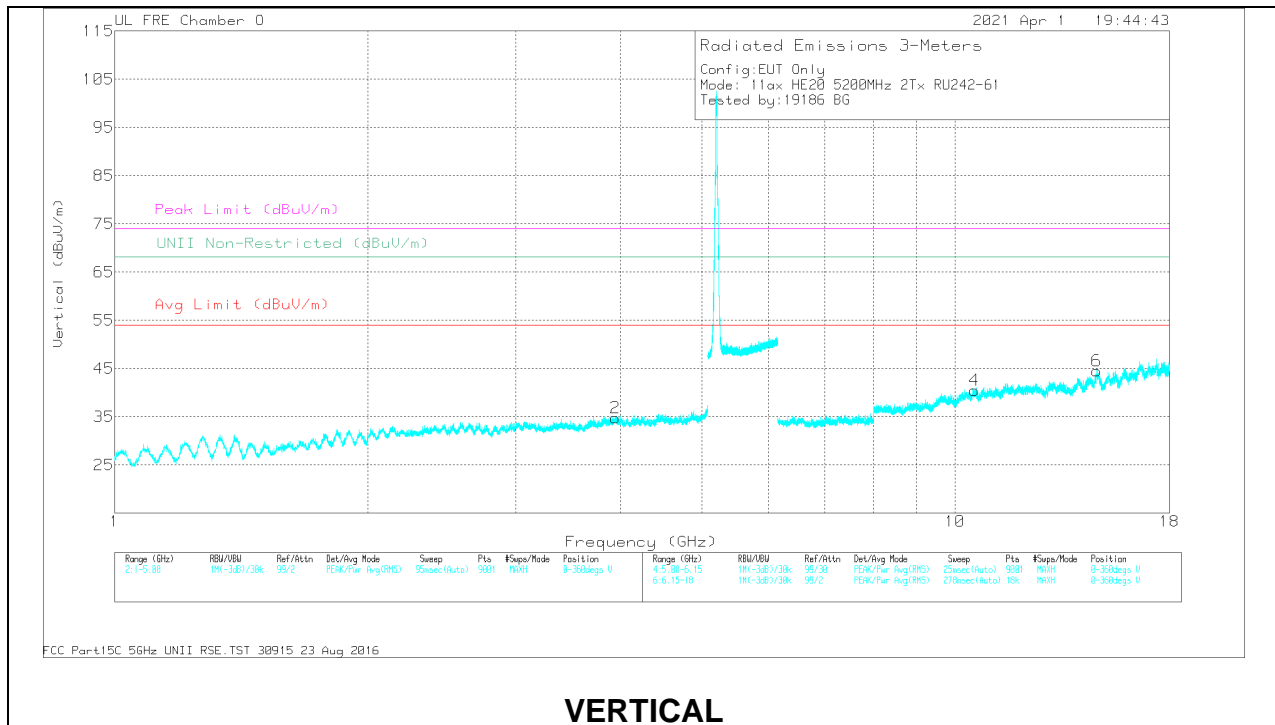
PK-U - U-NII: Maximum Peak

ADR - U-NII AD primary method, RMS average

MID CHANNEL RESULTS



HORIZONTAL



VERTICAL

RADIATED EMISSIONS

Range 1: Horizontal 1000 - 5080MHz

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF PRE021 3832	Amp/Cbl /Filtr/Pad (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 3.9495	53.85	PK-U	33.9	-42.5	45.25	-	-	74	-28.75	-	-	25	100	H
	* 3.94954	41.82	ADR	33.9	-42.5	33.22	54	-20.78	-	-	-	-	25	100	H

Range 2: Vertical 1000 - 5080MHz

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF PRE021 3832	Amp/Cbl /Filtr/Pad (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
2	* 3.9459	53.21	PK-U	33.9	-42.5	44.61	-	-	74	-29.39	-	-	125	201	V
	* 3.9485	41.88	ADR	33.9	-42.5	33.28	54	-20.72	-	-	-	-	125	201	V

Range 5: Horizontal 6150 - 18000MHz

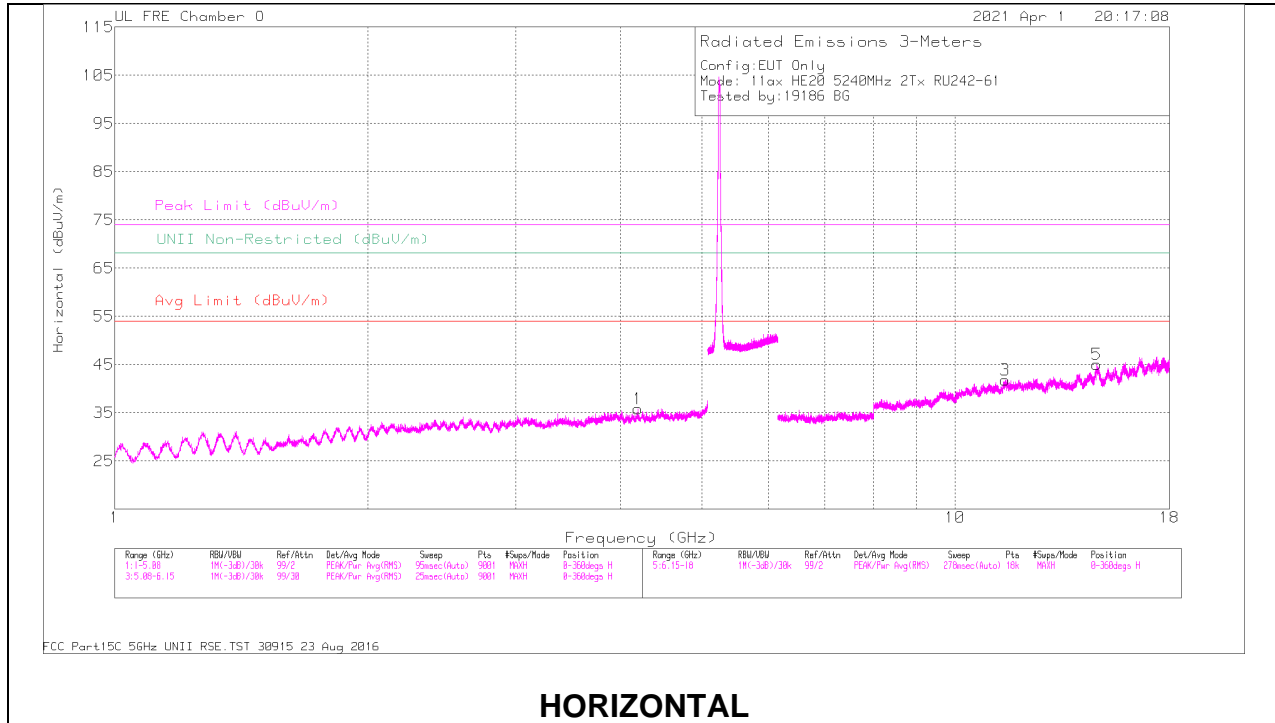
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF PRE021 3832	Amp/Cbl /Filtr/Pad (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
3	10.5589	48.32	PK-U	37.8	-35.9	50.22	-	-	-	-	68.2	-17.98	35	100	H
	10.5591	36.35	ADR	37.8	-35.9	38.25	-	-	-	-	-	-	35	100	H
5	14.757	46.95	PK-U	39.8	-33	53.75	-	-	-	-	68.2	-14.45	105	100	H
	14.756	35.39	ADR	39.8	-33	42.19	-	-	-	-	-	-	105	100	H

Range 6: Vertical 6150 - 18000MHz

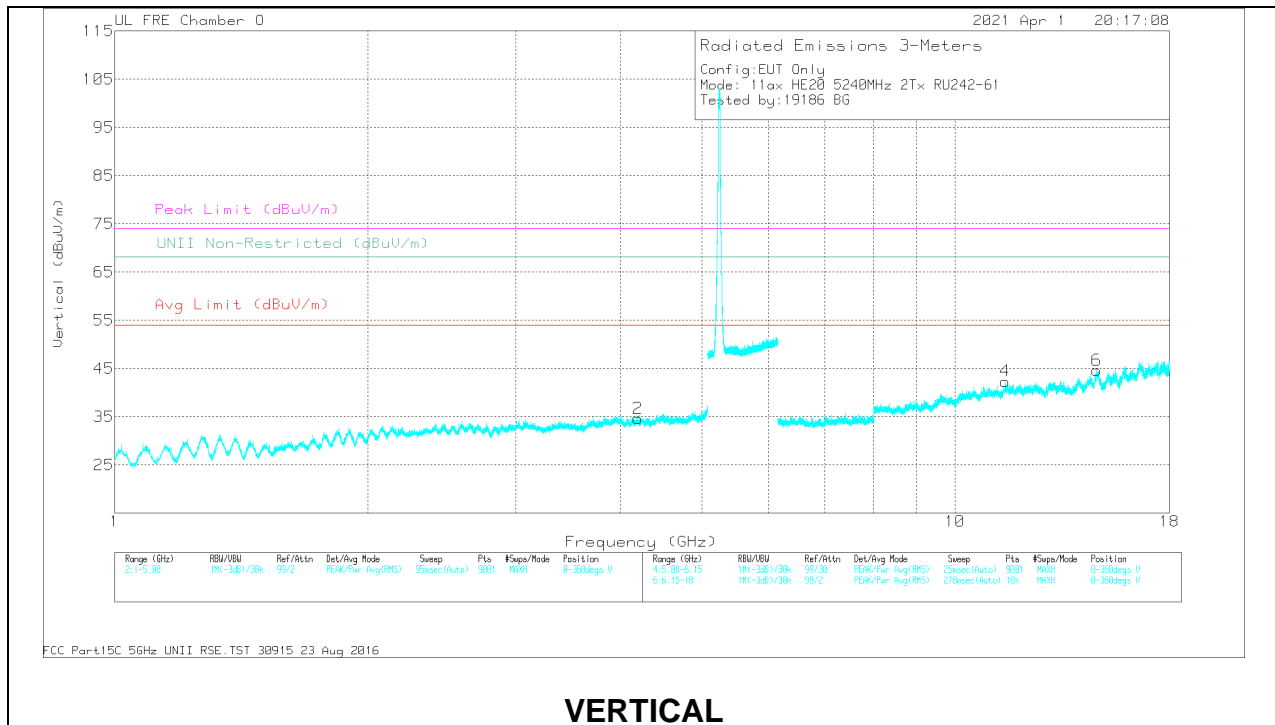
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF PRE021 3832	Amp/Cbl /Filtr/Pad (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
4	10.5542	47.98	PK-U	37.8	-35.9	49.88	-	-	-	-	68.2	-18.32	125	201	V
	10.5545	36.35	ADR	37.8	-35.9	38.25	-	-	-	-	-	-	125	201	V
6	14.7373	46.91	PK-U	39.8	-33.6	53.11	-	-	-	-	68.2	-15.09	175	200	V
	14.7381	35.27	ADR	39.8	-33.6	41.47	-	-	-	-	-	-	175	200	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**Range 1: Horizontal 1000 - 5080MHz**

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF PRE021 3832	Amp/Cbl /Filtr/Pad (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 4.1930	53.9	PK-U	34.1	-42.9	45.1	-	-	74	-28.9	-	-	155	100	H
	* 4.1940	42.05	ADR	34.1	-42.9	33.25	54	-20.75	-	-	-	-	155	100	H

Range 2: Vertical 1000 - 5080MHz

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF PRE021 3832	Amp/Cbl /Filtr/Pad (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
2	* 4.1943	53.32	PK-U	34.1	-42.9	44.52	-	-	74	-29.48	-	-	175	201	V
	* 4.1941	41.88	ADR	34.1	-42.9	33.08	54	-20.92	-	-	-	-	175	201	V

Range 5: Horizontal 6150 - 18000MHz

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF PRE021 3832	Amp/Cbl /Filtr/Pad (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
3	*	47.93	PK-U	38.5	-35	51.43	-	-	74	-22.57	-	-	75	100	H
	11.4775														
	*	35.6	ADR	38.5	-35.1	39	54	-15	-	-	-	-	75	100	H
	11.4763														
5	14.7524	46.86	PK-U	39.8	-33.1	53.56	-	-	-	-	68.2	-14.64	220	100	H
	14.7521	35.42	ADR	39.8	-33.1	42.12	-	-	-	-	-	-	220	100	H

Range 6: Vertical 6150 - 18000MHz

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF PRE021 3832	Amp/Cbl /Filtr/Pad (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
4	*	47.2	PK-U	38.5	-35	50.7	-	-	74	-23.3	-	-	230	201	V
	11.4818														
	*	35.55	ADR	38.5	-35	39.05	54	-14.95	-	-	-	-	230	201	V
	11.4817														
6	14.7481	47.13	PK-U	39.8	-33.3	53.63	-	-	-	-	68.2	-14.57	305	200	V
	14.7475	35.32	ADR	39.8	-33.3	41.82	-	-	-	-	-	-	305	200	V

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

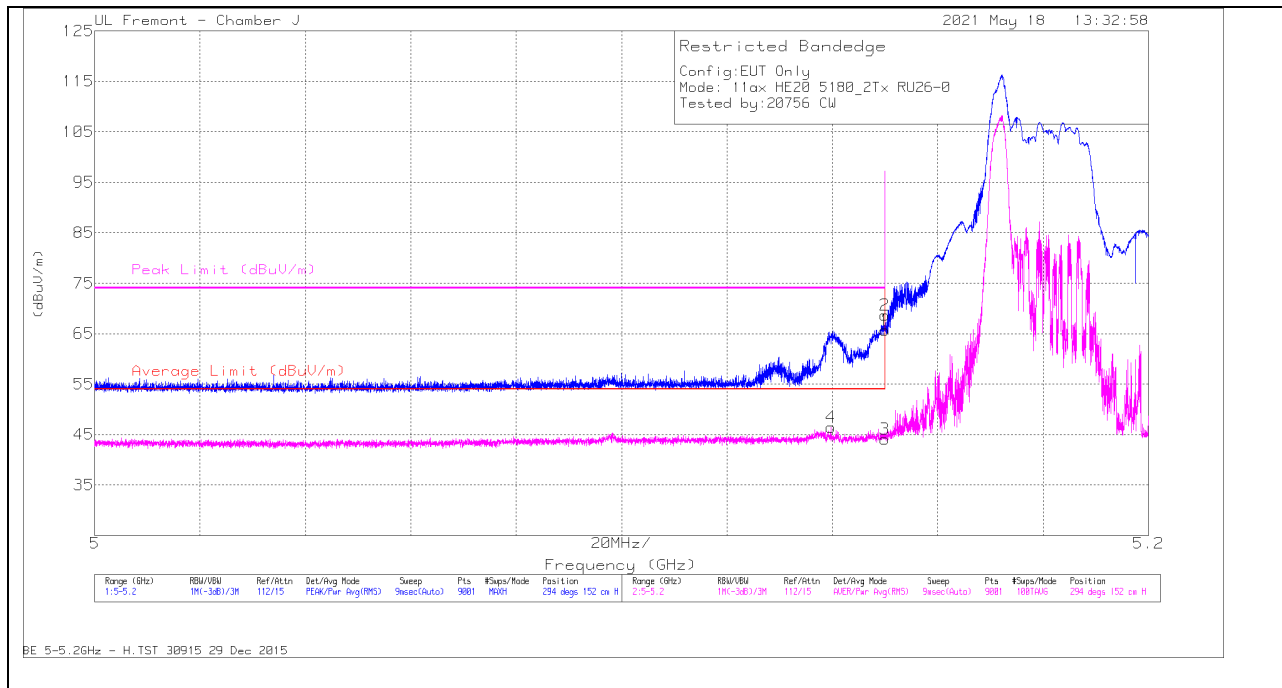
PK-U - U-NII: Maximum Peak

ADR - U-NII AD primary method, RMS average

2TX ANT 6 + ANT 5 OFDMA MODE – 26 Tones, RU Index 0

BANDEDGE (LOW CHANNEL)

HORIZONTAL RESULT



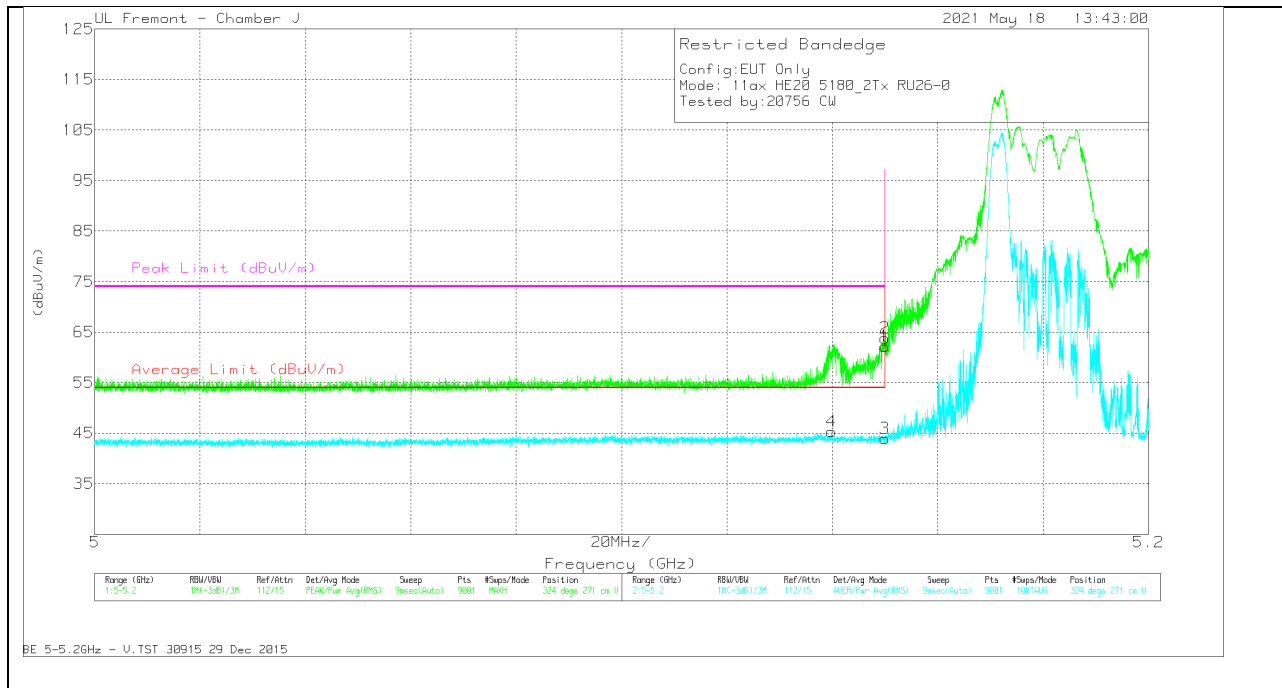
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF PRE0100 034 (dB/m)	Amp/Cbl /Ftr/Pad (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 5.15	52.13	Pk	34.4	-20.8	65.73	-	-	74	-8.27	294	152	H
2	* 5.14993	55.05	Pk	34.4	-20.8	68.65	-	-	74	-5.35	294	152	H
3	* 5.15	30.43	RMS	34.4	-20.8	44.03	54	-9.97	-	-	294	152	H
4	* 5.13969	32.89	RMS	34.4	-20.8	46.49	54	-7.51	-	-	294	152	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 PRE0100 034 (dB/m)	Amp/Cbl /Ftr/Pad (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 5.15	48.61	Pk	34.4	-20.8	62.21	-	-	74	-11.79	324	271	V
2	* 5.14991	50.18	Pk	34.4	-20.8	63.78	-	-	74	-10.22	324	271	V
3	* 5.15	30.36	RMS	34.4	-20.8	43.96	54	-10.04	-	-	324	271	V
4	* 5.13984	31.67	RMS	34.4	-20.8	45.27	54	-8.73	-	-	324	271	V

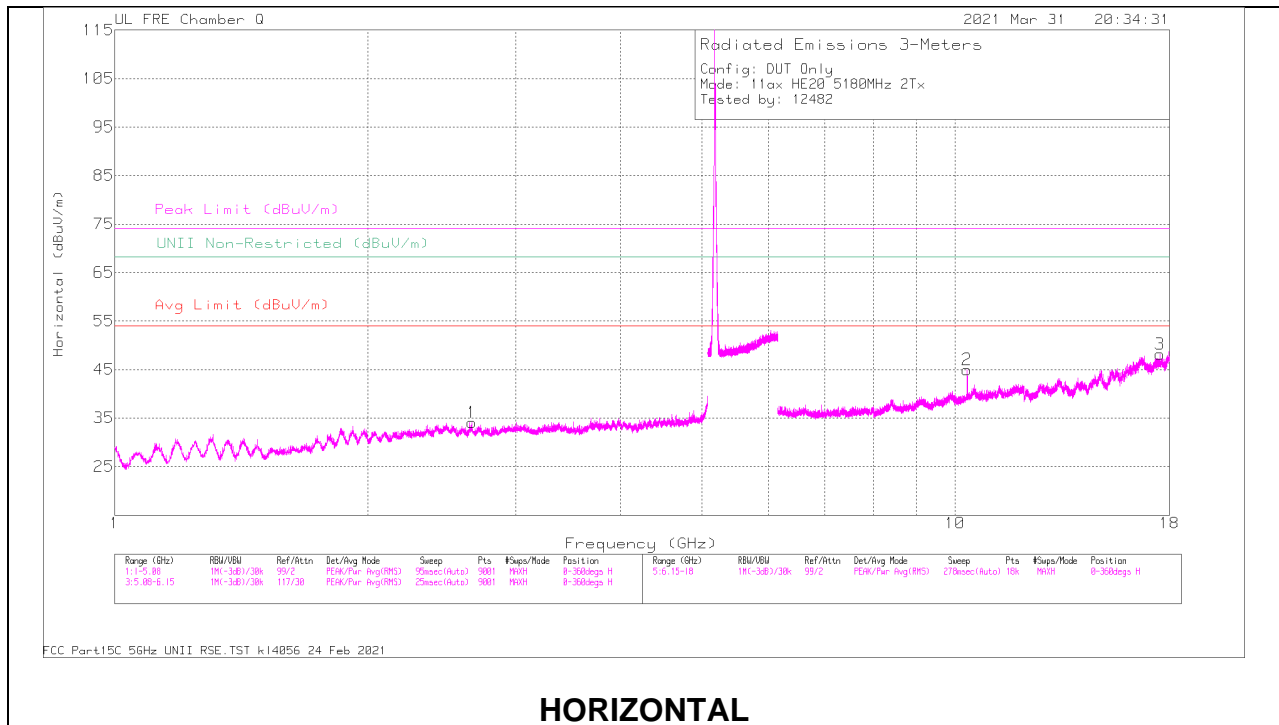
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

Pk - Peak detector

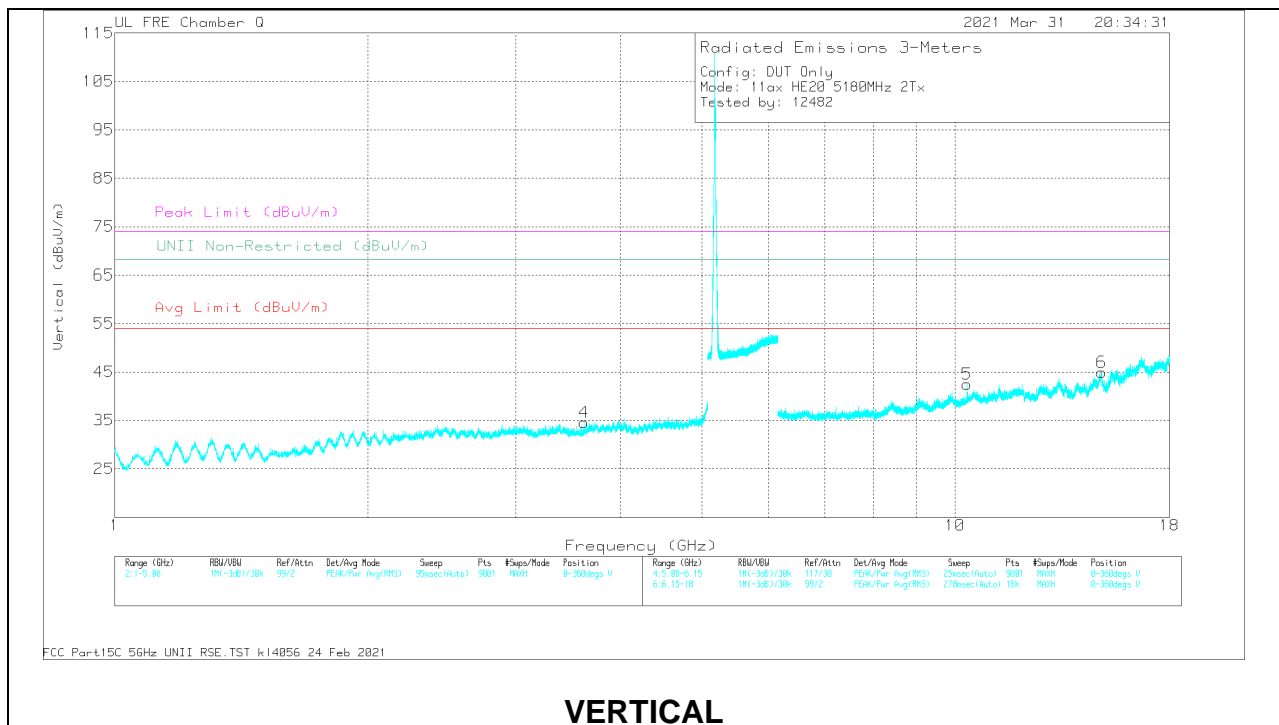
RMS - RMS detection

HARMONICS AND SPURIOUS EMISSIONS (11ax HE20 2TX)

LOW CHANNEL RESULTS



HORIZONTAL



VERTICAL

RADIATED EMISSIONS

Range 1: Horizontal 1000 - 5080MHz

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF PRE0213831 (dB/m)	Amp/Cbl/Filtr/Pad (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.65876	55	PK-U	32.2	-43.8	43.4	-	-	74	-30.6	-	-	280	160	H
	* 2.66019	43.05	ADR	32.2	-43.8	31.45	54	-22.55	-	-	-	-	280	160	H

Range 2: Vertical 1000 - 5080MHz

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF PRE0213831 (dB/m)	Amp/Cbl/Filtr/Pad (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
4	* 3.61826	51.61	PK-U	32.8	-41.3	43.11	-	-	74	-30.89	-	-	319	186	V
	* 3.61559	40.14	ADR	32.8	-41.3	31.64	54	-22.36	-	-	-	-	319	186	V

Range 5: Horizontal 6150 - 18000MHz

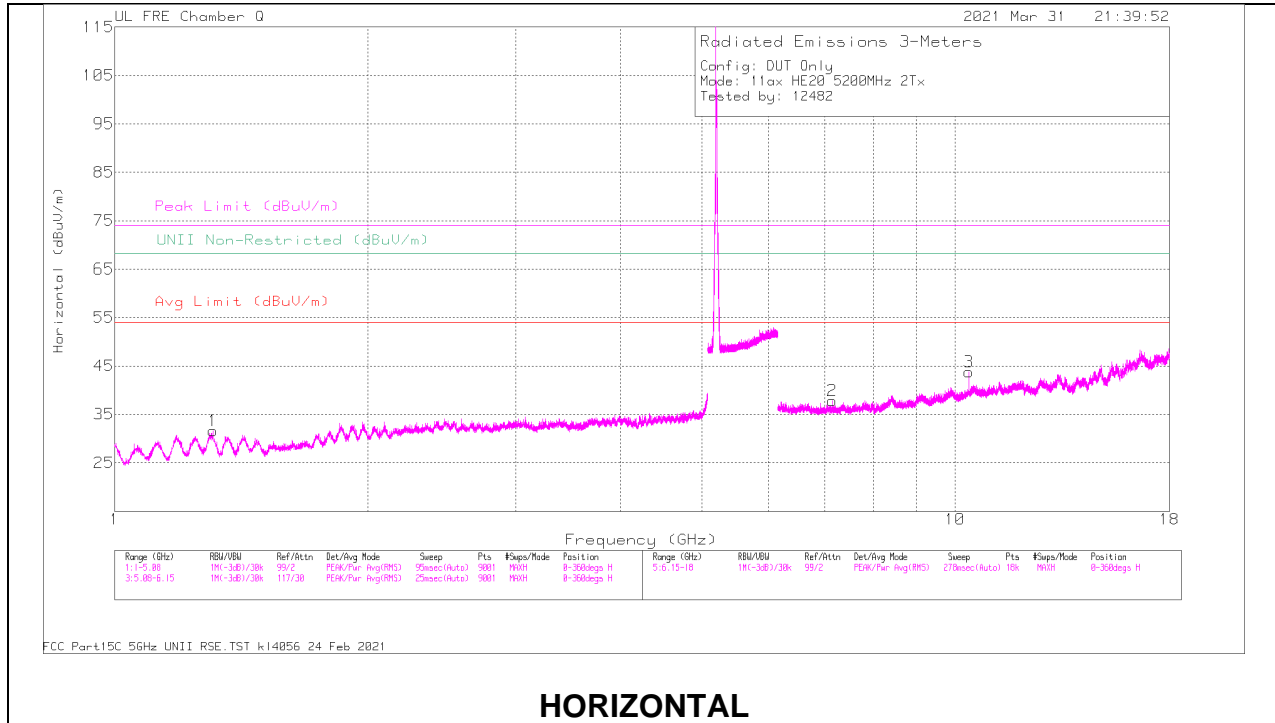
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF PRE0213831 (dB/m)	Amp/Cbl/Filtr/Pad (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
2	10.3427	52.32	PK-U	37.4	-35.9	53.82	-	-	-	-	68.2	-14.38	315	146	H
3	17.53006	47.85	PK-U	41.9	-32.5	57.25	-	-	-	-	68.2	-10.95	231	166	H

Range 6: Vertical 6150 - 18000MHz

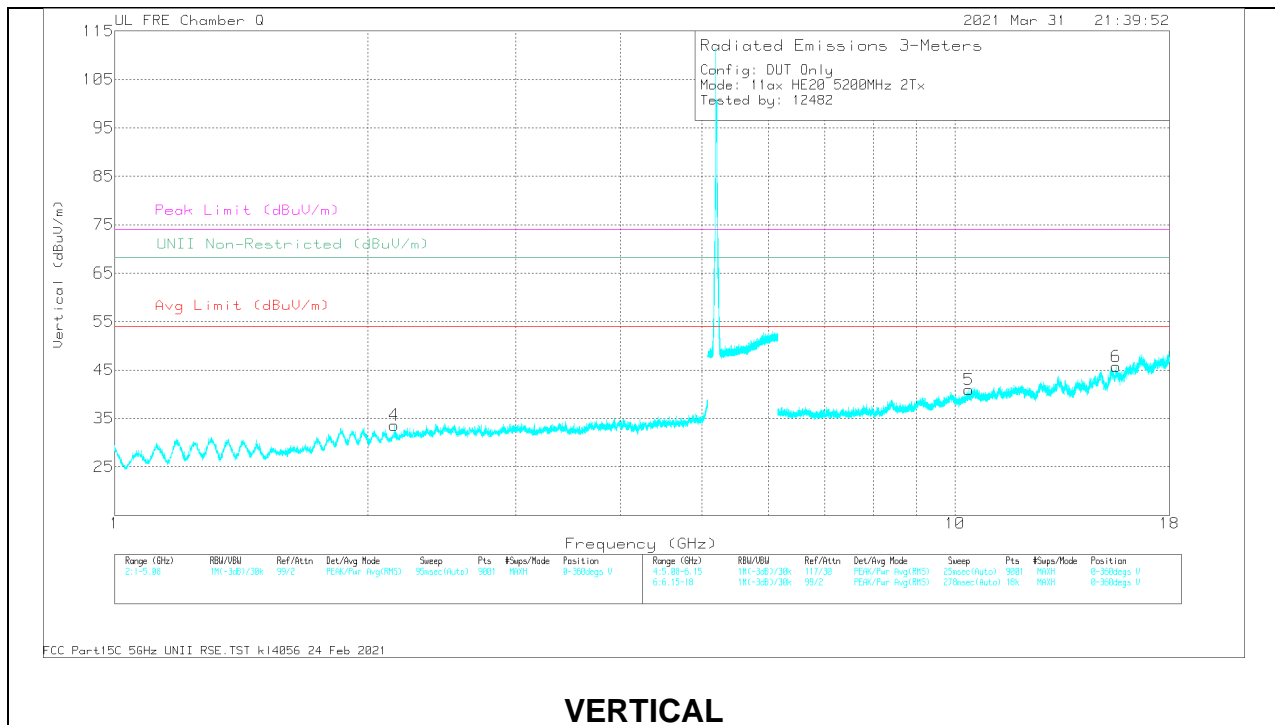
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF PRE0213831 (dB/m)	Amp/Cbl/Filtr/Pad (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
5	10.34366	49.86	PK-U	37.4	-35.8	51.46	-	-	-	-	68.2	-16.74	139	127	V
6	14.94129	47.54	PK-U	39.3	-32.8	54.04	-	-	-	-	68.2	-14.16	39	139	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

Range 1: Horizontal 1000 - 5080MHz

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF PRE02 13831 (dB/m)	Amp/Cb l/Filtr/Pad (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 1.3093	57.44	PK-U	29.1	-45.3	41.24	-	-	74	-32.76	-	-	245	192	H
	* 1.30877	45.67	ADR	29.1	-45.3	29.47	54	-24.53	-	-	-	-	245	192	H

Range 2: Vertical 1000 - 5080MHz

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF PRE02 13831 (dB/m)	Amp/Cb l/Filtr/Pad (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
4	2.14832	55.35	PK-U	31.2	-44.2	42.35	-	-	-	-	68.2	-25.85	342	277	V

Range 5: Horizontal 6150 - 18000MHz

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF PRE02 13831 (dB/m)	Amp/Cb l/Filtr/Pad (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
2	7.13961	48.7	PK-U	35.7	-37.9	46.5	-	-	-	-	68.2	-21.7	301	124	H
3	10.3832	51.31	PK-U	37.4	-36.1	52.61	-	-	-	-	68.2	-15.59	141	148	H

Range 6: Vertical 6150 - 18000MHz

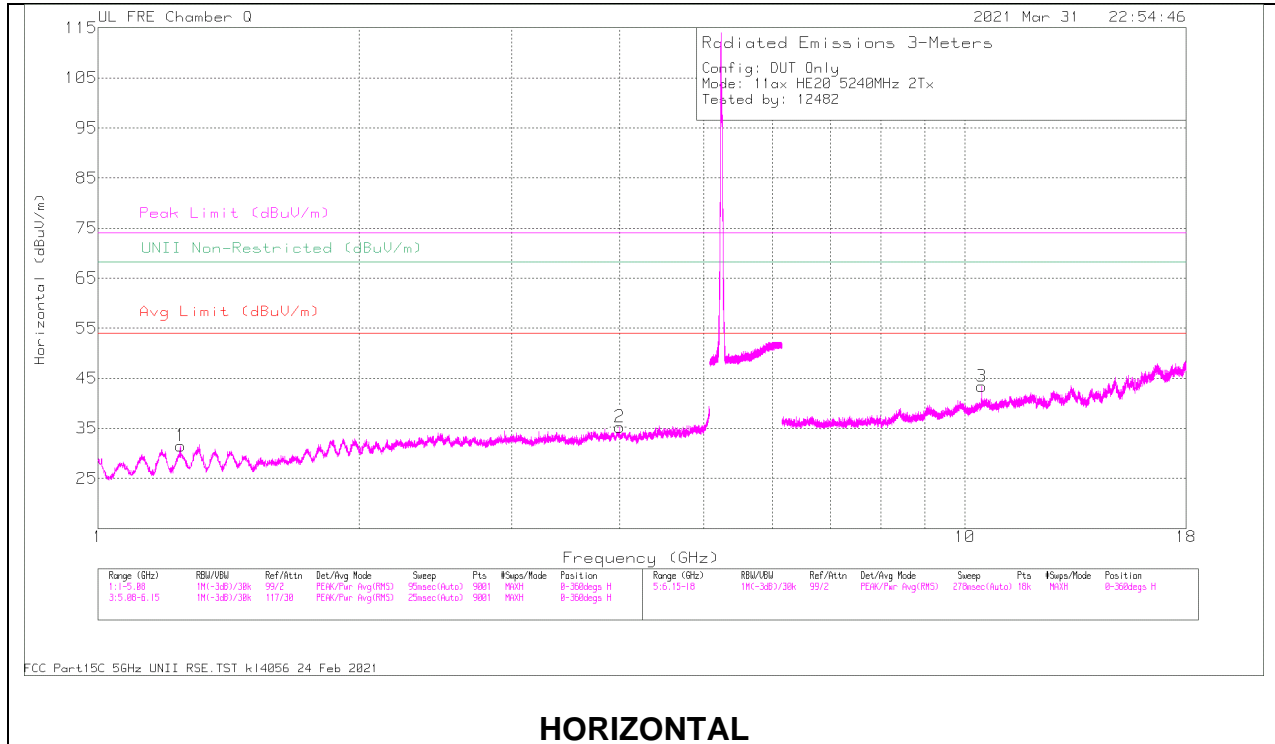
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF PRE02 13831 (dB/m)	Amp/Cb l/Filtr/Pad (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
5	10.38425	49.04	PK-U	37.4	-36.1	50.34	-	-	-	-	68.2	-17.86	307	296	V
6	* 15.5585	46.71	PK-U	40.3	-33	54.01	-	-	74	-19.99	-	-	223	335	V
	* 15.5588	35.62	ADR	40.3	-33	42.92	54	-11.08	-	-	-	-	223	335	V

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

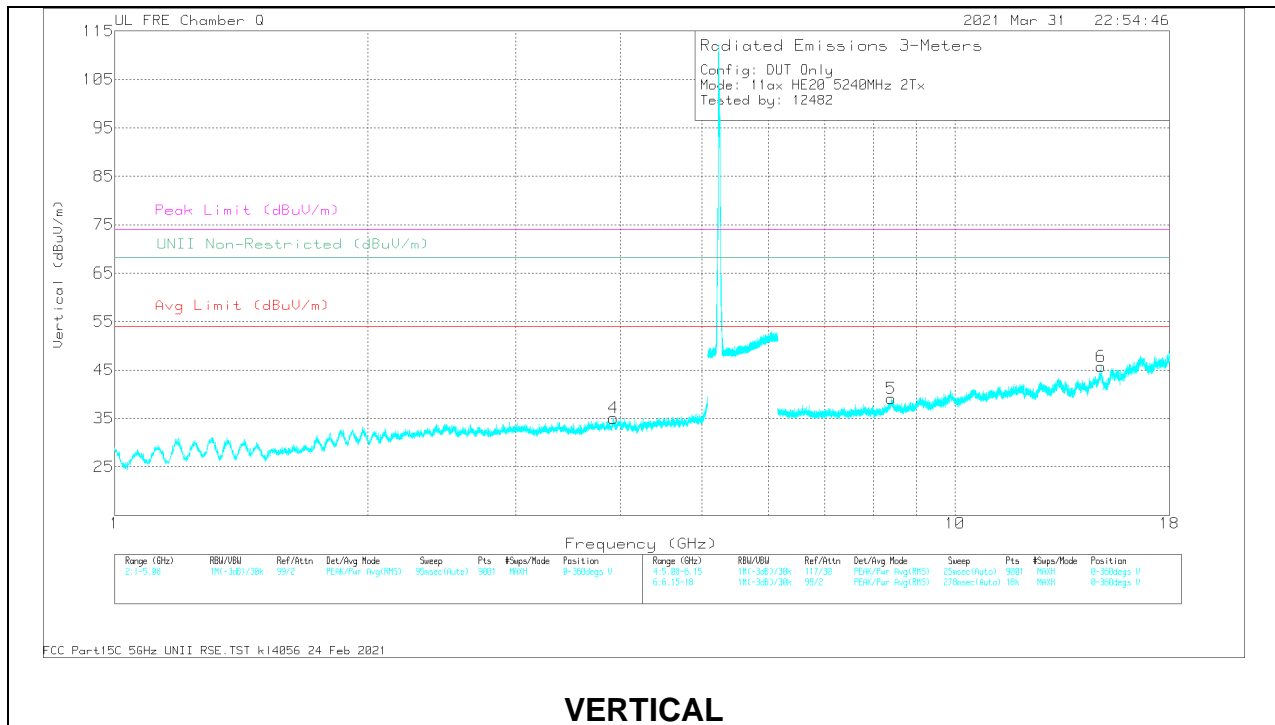
PK-U - U-NII: Maximum Peak

ADR - U-NII AD primary method, RMS average

HIGH CHANNEL RESULTS



HORIZONTAL



VERTICAL

RADIATED EMISSIONS

Range 1: Horizontal 1000 - 5080MHz

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF PRE02 13831 (dB/m)	Amp/Cb l/Filtr/Pad (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 1.246	57.68	PK-U	28.2	-45.5	40.38	-	-	74	-33.62	-	-	285	222	H
	* 1.2458	45.95	ADR	28.2	-45.4	28.75	54	-25.25	-	-	-	-	285	222	H
2	* 3.9963	52.88	PK-U	33.4	-41	45.28	-	-	74	-28.72	-	-	312	364	H
	* 3.9927	40.08	ADR	33.4	-41	32.48	54	-21.52	-	-	-	-	312	364	H

Range 2: Vertical 1000 - 5080MHz

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF PRE02 13831 (dB/m)	Amp/Cb l/Filtr/Pad (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
4	* 3.96734	52.28	PK-U	33.4	-41	44.68	-	-	74	-29.32	-	-	230	270	V
	* 3.96734	39.86	ADR	33.4	-41	32.26	54	-21.74	-	-	-	-	230	270	V

Range 5: Horizontal 6150 - 18000MHz

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF PRE02 13831 (dB/m)	Amp/Cb l/Filtr/Pad (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
3	10.46238	50.72	PK-U	37.5	-35.9	52.32	-	-	-	-	68.2	-15.88	305	293	H

Range 6: Vertical 6150 - 18000MHz

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF PRE02 13831 (dB/m)	Amp/Cb l/Filtr/Pad (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
5	* 8.3938	48.12	PK-U	35.8	-36.1	47.82	-	-	74	-26.18	-	-	157	236	V
	* 8.39672	36.2	ADR	35.8	-36.1	35.9	54	-18.1	-	-	-	-	157	236	V
6	14.93085	47.75	PK-U	39.3	-32.6	54.45	-	-	-	-	68.2	-13.75	264	374	V

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

PK-U - U-NII: Maximum Peak

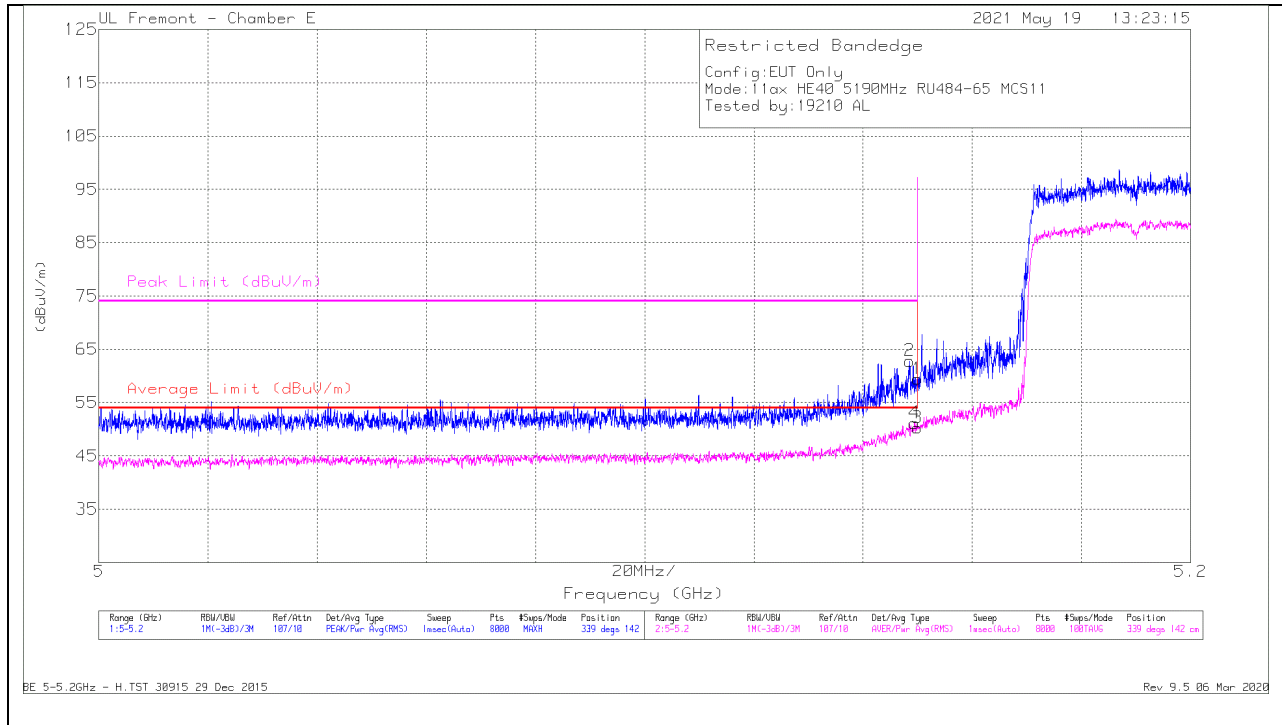
ADR - U-NII AD primary method, RMS average

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

1TX ANT 6 – 484 Tones, RU Index 65

BANDEDGE (LOW CHANNEL)

HORIZONTAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF PRE007810 7 (dB/m)	Amp/Cbl/FI tr/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	* 5.14999	46.33	Pk	34.3	-21.2	59.43	-	-	74	-14.57	339	142	H
2	* 5.14849	49.72	Pk	34.3	-21.2	62.82	-	-	74	-11.18	339	142	H
3	* 5.14999	37.16	RMS	34.3	-21.2	50.26	54	-3.74	-	-	339	142	H
4	* 5.14942	38.06	RMS	34.3	-21.2	51.16	54	-2.84	-	-	339	142	H

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

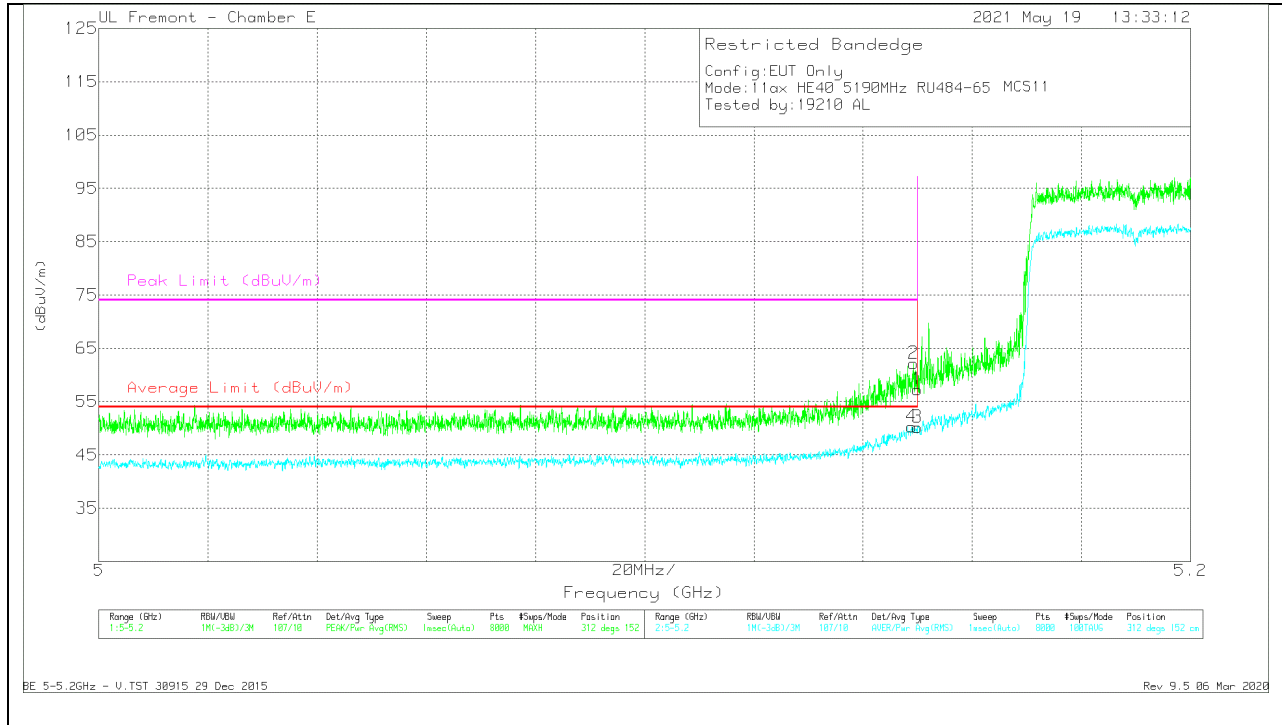
Pk - Peak detector

RMS - RMS detection

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

Rev 9.5 06 Mar 2020

VERTICAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF PRE0078 107 (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
4	* 5.14887	37.19	RMS	34.3	-21.2	50.29	54	-3.71	-	-	312	152	V
2	* 5.14927	49.07	Pk	34.3	-21.2	62.17	-	-	74	-11.83	312	152	V
1	* 5.14999	44.21	Pk	34.3	-21.2	57.31	-	-	74	-16.69	312	152	V
3	* 5.14999	37.09	RMS	34.3	-21.2	50.19	54	-3.81	-	-	312	152	V

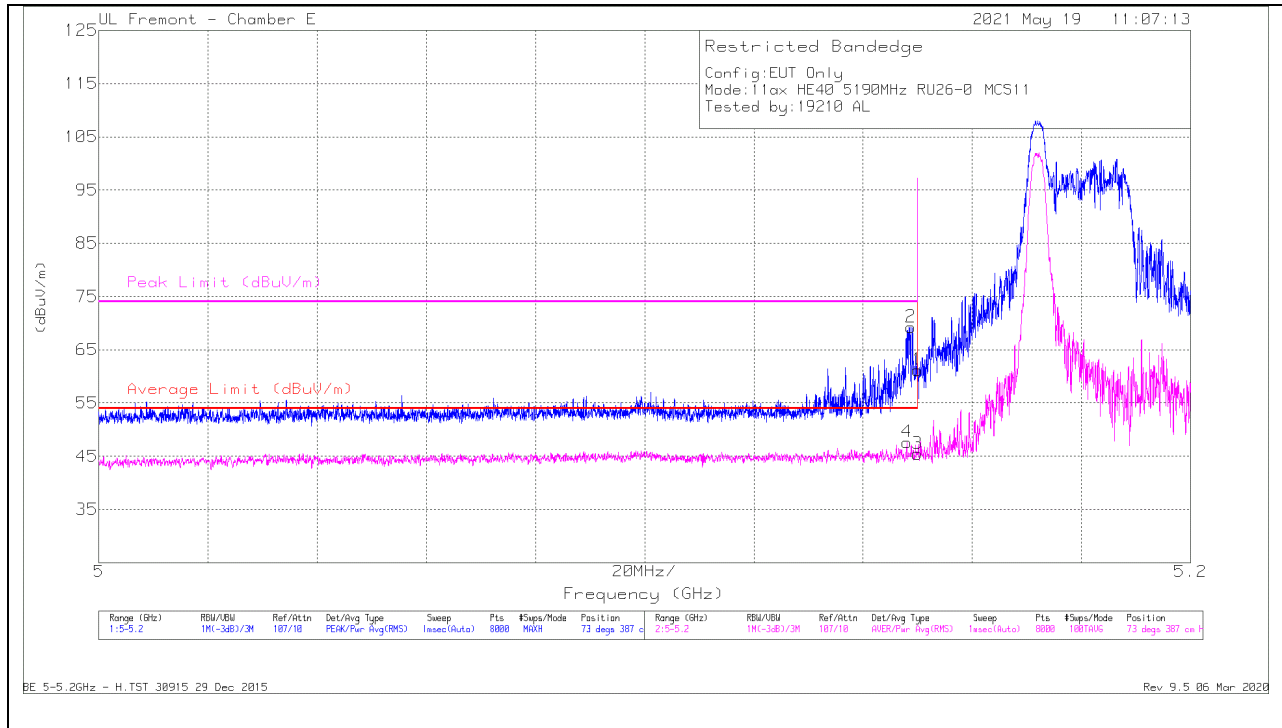
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band
Pk - Peak detector
RMS - RMS detection

BE 5-5.2GHz - V.TST 30915 29 Dec 2015
Rev 9.5 06 Mar 2020

1TX ANT 6 – 26 Tones, RU Index 0

BANDEDGE (LOW CHANNEL)

HORIZONTAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF PRE0078 107 (dB/m)	Amp/Cb/ Filt/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	* 5.14999	48.13	Pk	34.3	-21.2	61.23	-	-	74	-12.77	73	387	H
2	* 5.14874	56.17	Pk	34.3	-21.2	69.27	-	-	74	-4.73	73	387	H
3	* 5.14999	32.38	RMS	34.3	-21.2	45.48	54	-8.52	-	-	73	387	H
4	* 5.14802	34.55	RMS	34.3	-21.2	47.65	54	-6.35	-	-	73	387	H

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

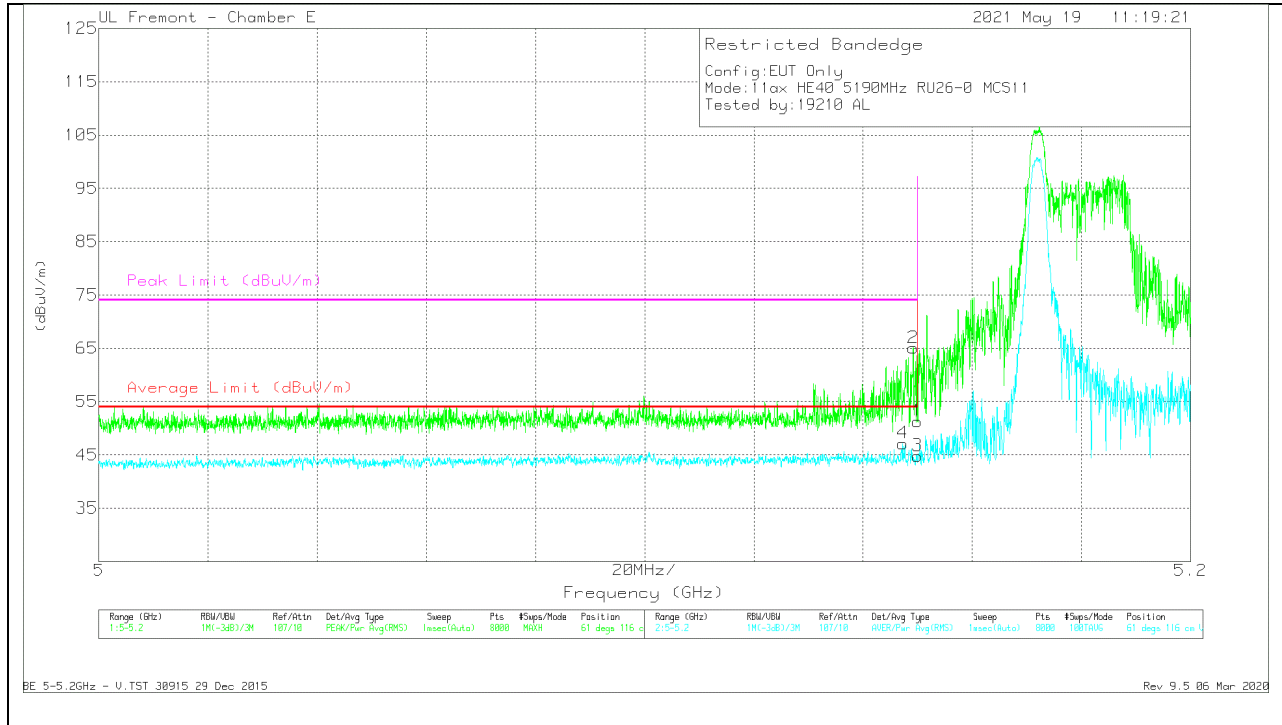
Pk - Peak detector

RMS - RMS detection

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

Rev 9.5 06 Mar 2020

VERTICAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF PRE0078 107 (dB/m)	Amp/Cb/ Filt/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	* 5.14999	38.2	Pk	34.3	-21.2	51.3	-	-	74	-22.7	61	116	V
2	* 5.14919	51.97	Pk	34.3	-21.2	65.07	-	-	74	-8.93	61	116	V
3	* 5.14999	31.73	RMS	34.3	-21.2	44.83	54	-9.17	-	-	61	116	V
4	* 5.14727	34.06	RMS	34.3	-21.2	47.16	54	-6.84	-	-	61	116	V

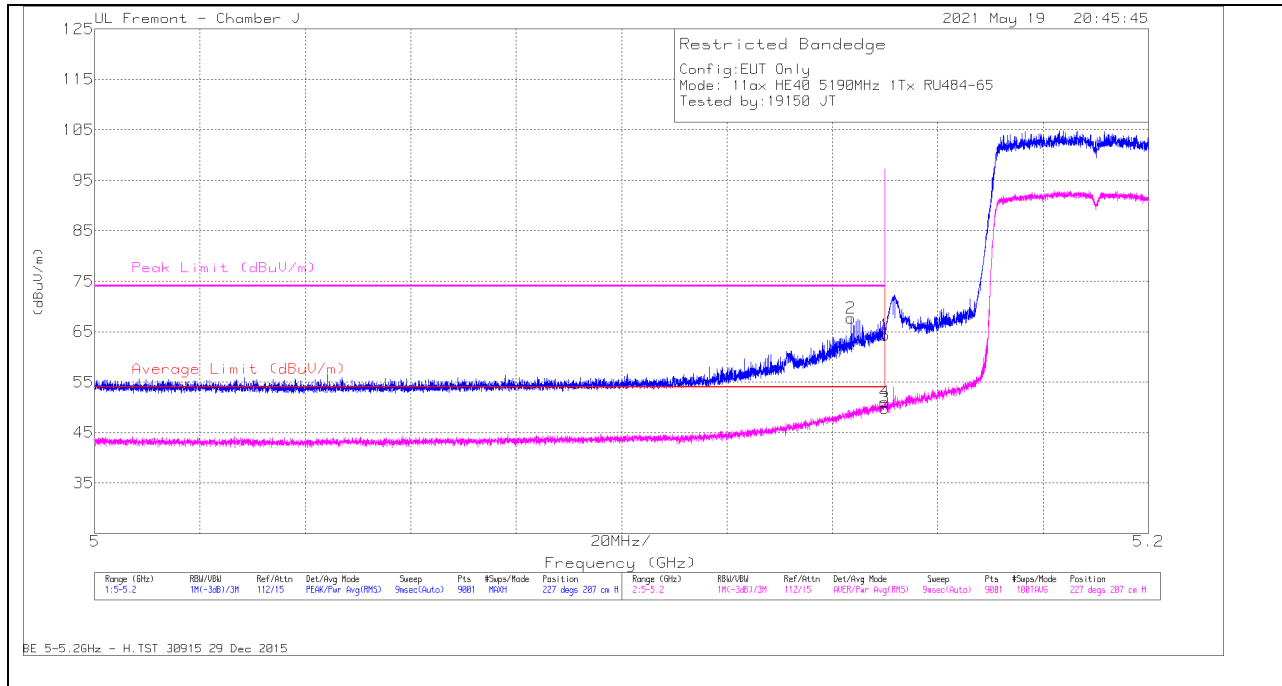
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band
Pk - Peak detector
RMS - RMS detection

BE 5-5.2GHz - V.TST 30915 29 Dec 2015
Rev 9.5 06 Mar 2020

1TX ANT 5 – 484 Tones, RU Index 65

BANDEDGE (LOW CHANNEL)

HORIZONTAL RESULT



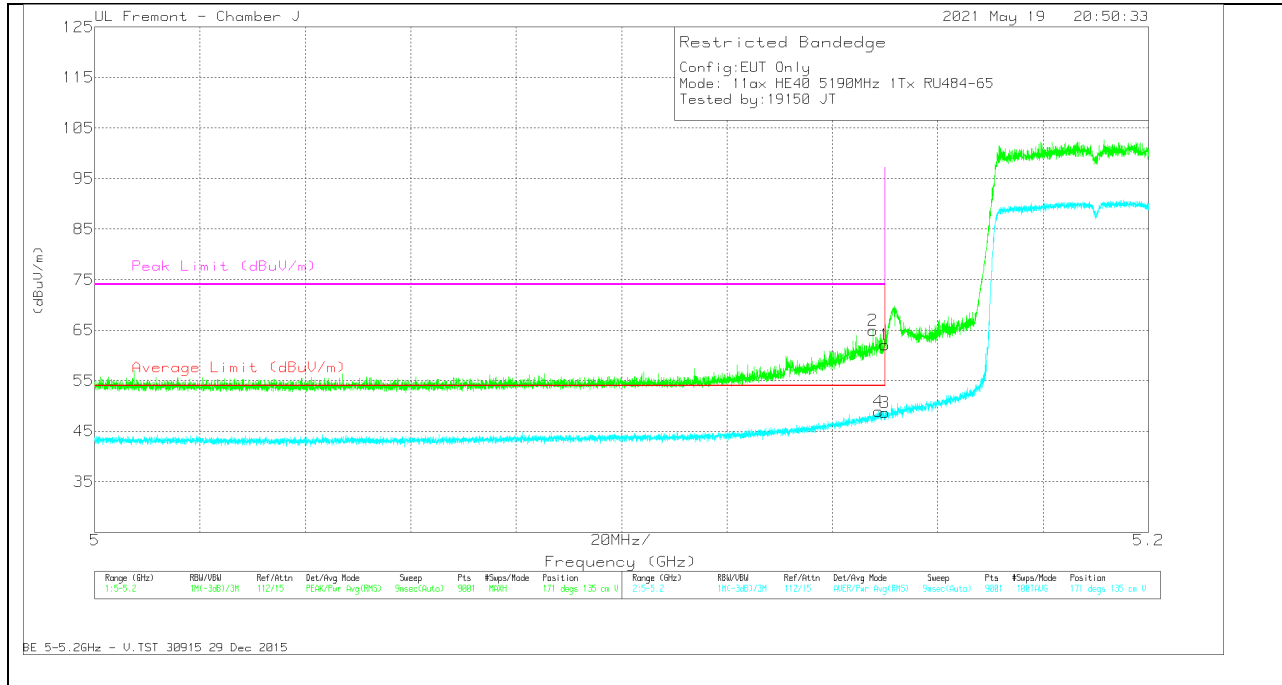
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF PRE0100 034 (dB/m)	Amp/Cbl /Ftr/Pad (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 5.15	50.72	Pk	34.4	-20.8	64.32	-	-	74	-9.68	227	207	H
2	* 5.14358	54.12	Pk	34.4	-20.8	67.72	-	-	74	-6.28	227	207	H
3	* 5.15	36.26	RMS	34.4	-20.8	49.86	54	-4.14	-	-	227	207	H
4	* 5.14991	37.47	RMS	34.4	-20.8	51.07	54	-2.93	-	-	227	207	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 PRE0100 034 (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	48.47	Pk	34.4	-20.8	62.07	-	-	74	-11.93	171	135	V
2	* 5.14769	51.36	Pk	34.4	-20.8	64.96	-	-	74	-9.04	171	135	V
3	* 5.15	35.11	RMS	34.4	-20.8	48.71	54	-5.29	-	-	171	135	V
4	* 5.14873	35.29	RMS	34.4	-20.8	48.89	54	-5.11	-	-	171	135	V

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

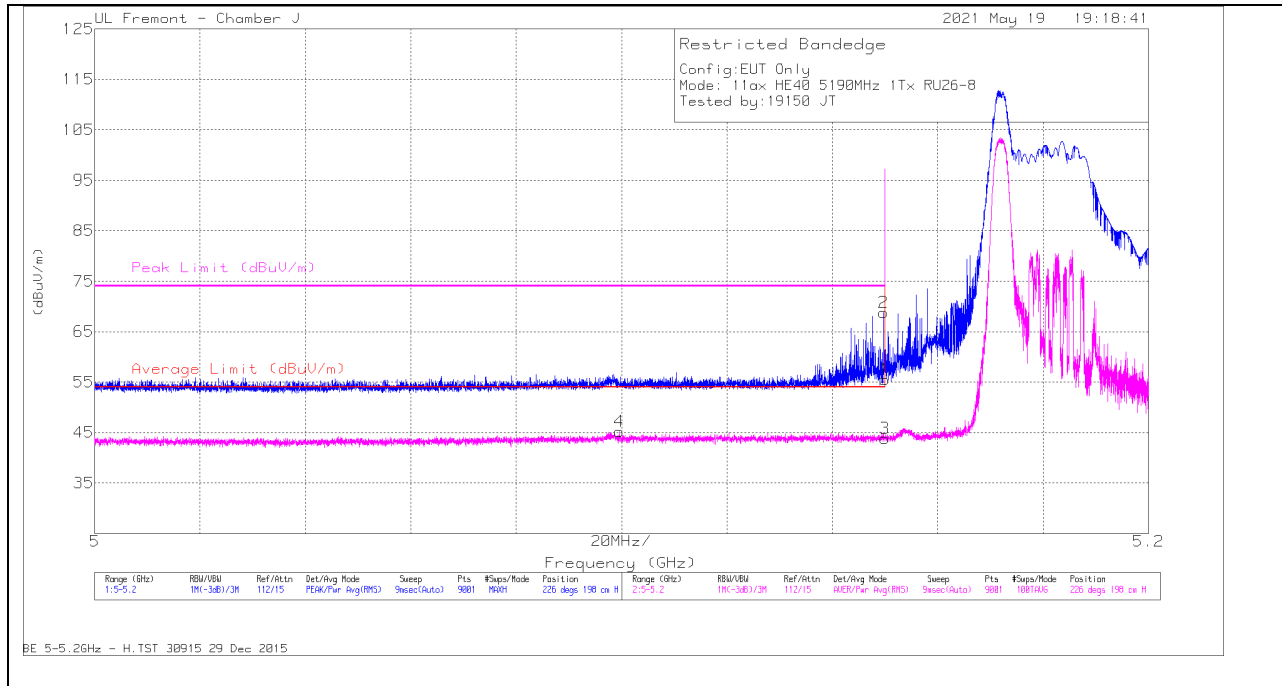
Pk - Peak detector

RMS - RMS detection

1TX ANT 5 – 26 Tones, RU Index 0

BANDEDGE (LOW CHANNEL)

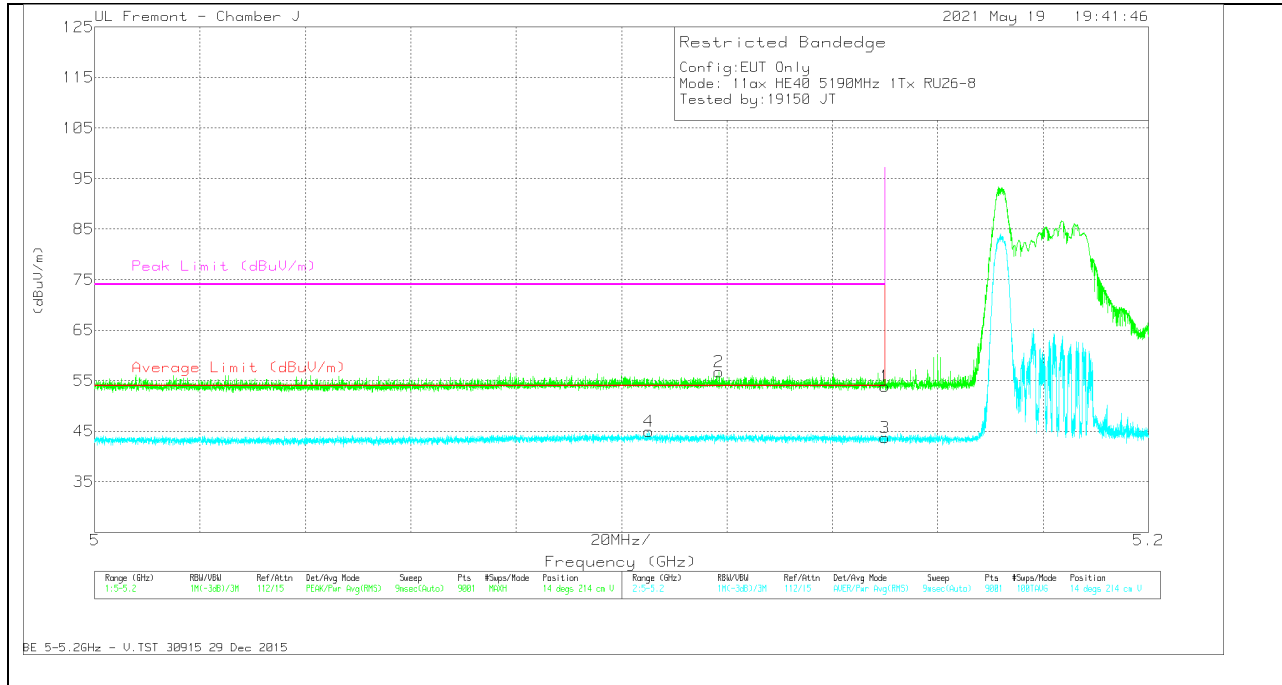
HORIZONTAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF PRE0100 034 (dB/m)	Amp/Cb/ Filt/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	41.94	Pk	34.4	-20.8	55.54	-	-	74	-18.46	226	198	H
2	* 5.14973	55.22	Pk	34.4	-20.8	68.82	-	-	74	-5.18	226	198	H
3	* 5.15	30.16	RMS	34.4	-20.8	43.76	54	-10.24	-	-	226	198	H
4	* 5.09962	31.51	RMS	34.4	-20.8	45.11	54	-8.89	-	-	226	198	H

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

VERTICAL RESULT



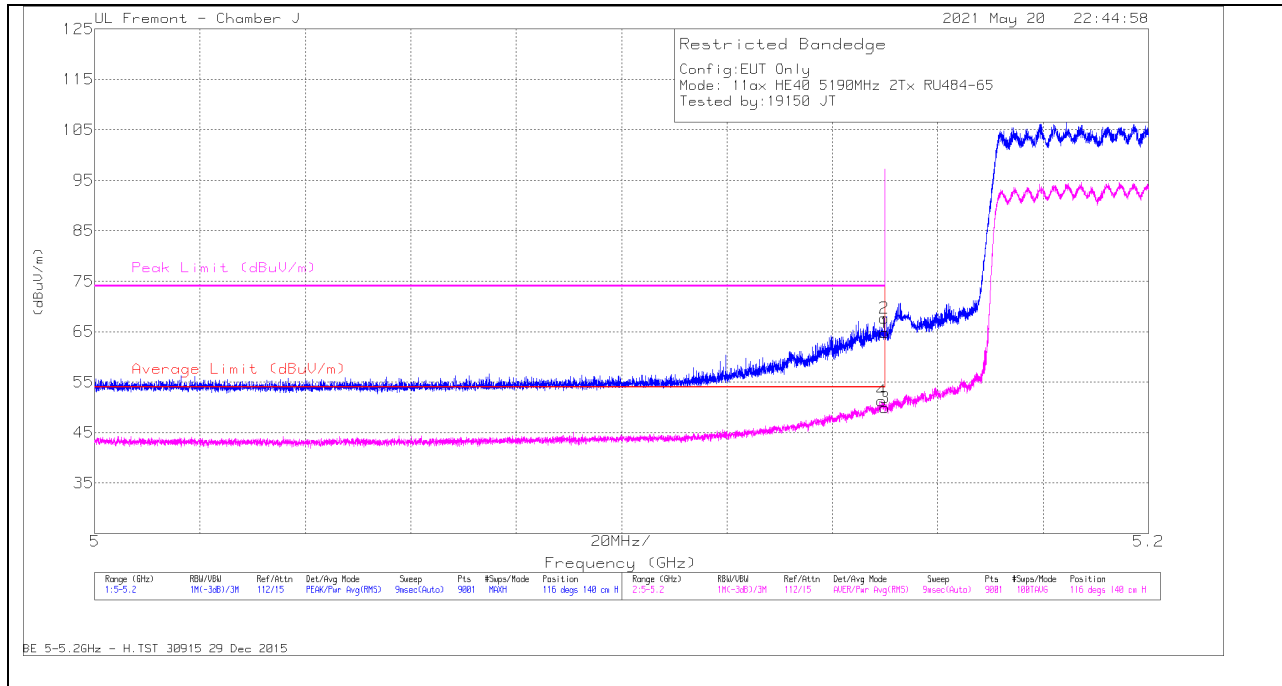
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF PRE0100 034 (dB/m)	Amp/Cbl/Filtr/Pad (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 5.15	40.28	Pk	34.4	-20.8	53.88	-	-	74	-20.12	14	214	V
2	* 5.11851	43.15	Pk	34.4	-20.8	56.75	-	-	74	-17.25	14	214	V
3	* 5.15	29.96	RMS	34.4	-20.8	43.56	54	-10.44	-	-	14	214	V
4	* 5.1052	31.1	RMS	34.5	-20.8	44.80	54	-9.20	-	-	14	214	V

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

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

BANDEDGE (LOW CHANNEL)

HORIZONTAL RESULT



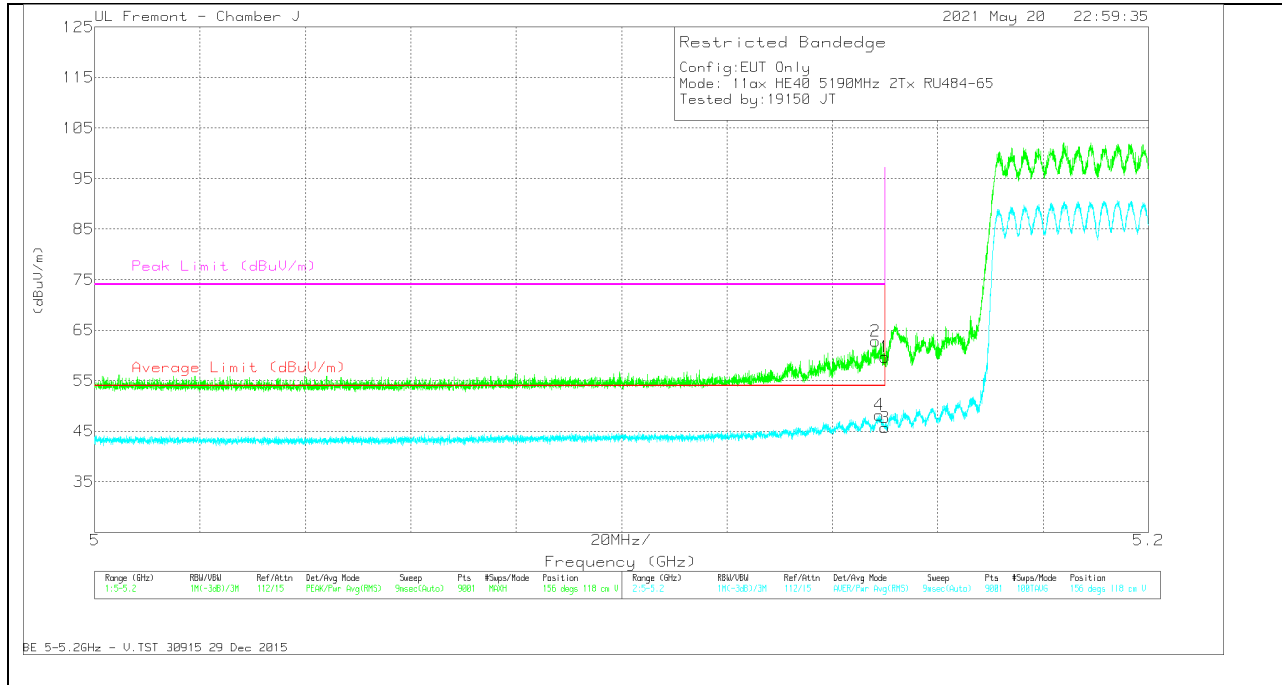
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF PRE0100 034 (dB/m)	Amp/Cbl /Ftr/Pad (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 5.15	51.26	Pk	34.4	-20.8	64.86	-	-	74	-9.14	116	140	H
2	* 5.14989	54.02	Pk	34.4	-20.8	67.62	-	-	74	-6.38	116	140	H
3	* 5.15	36.31	RMS	34.4	-20.8	49.91	54	-4.09	-	-	116	140	H
4	* 5.14933	37.65	RMS	34.4	-20.8	51.25	54	-2.75	-	-	116	140	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 PRE0100 034 (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	46.07	Pk	34.4	-20.8	59.67	-	-	74	-14.33	156	118	V
2	* 5.14815	49.21	Pk	34.4	-20.8	62.81	-	-	74	-11.19	156	118	V
3	* 5.15	32.11	RMS	34.4	-20.8	45.71	54	-8.29	-	-	156	118	V
4	* 5.14893	34.64	RMS	34.4	-20.8	48.24	54	-5.76	-	-	156	118	V

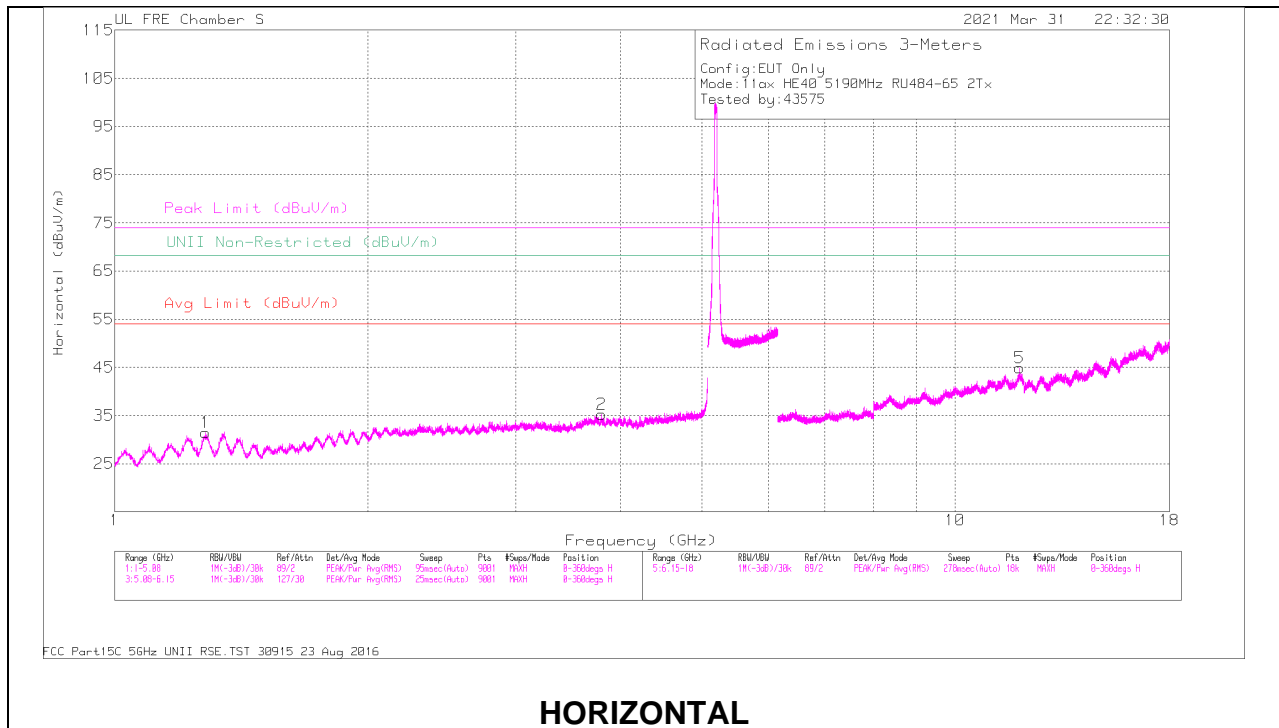
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

Pk - Peak detector

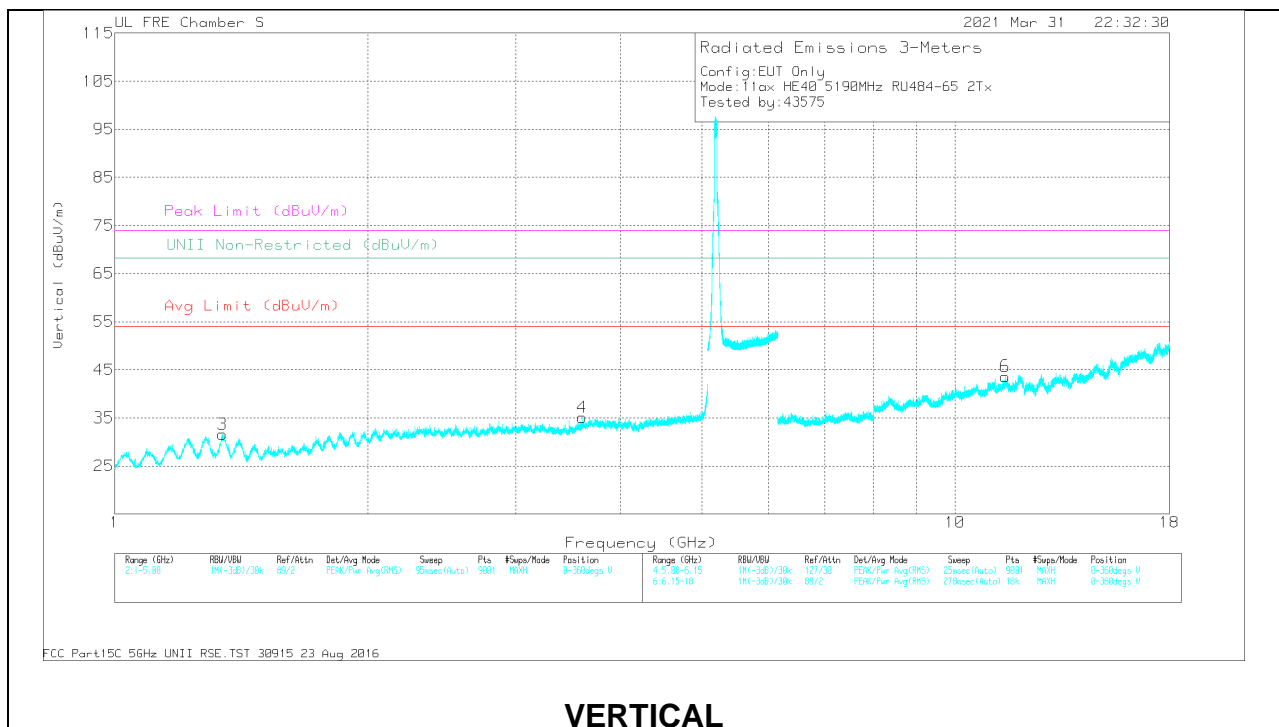
RMS - RMS detection

HARMONICS AND SPURIOUS EMISSIONS (11ax HE40 2TX)

LOW CHANNEL RESULTS



HORIZONTAL



VERTICAL

RADIATED EMISSIONS

Range 1: Horizontal 1000 - 5080MHz

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF PRE021 3833 (dB/m)	Amp/Cbl /Filtr/Pad (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 1.28082	57.98	PK-U	29.1	-45.2	41.88	-	-	74	-32.12	-	-	27	100	H
	* 1.28054	45.82	ADR	29.2	-45.2	29.82	54	-24.18	-	-	-	-	27	100	H
2	* 3.79599	51.95	PK-U	33.5	-40.6	44.85	-	-	74	-29.15	-	-	125	100	H
	* 3.79674	40.03	ADR	33.5	-40.6	32.93	54	-21.07	-	-	-	-	125	100	H

Range 2: Vertical 1000 - 5080MHz

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF PRE021 3833 (dB/m)	Amp/Cbl /Filtr/Pad (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
3	* 1.34402	57.14	PK-U	29.3	-44.9	41.54	-	-	74	-32.46	-	-	32	201	V
	* 1.34247	45.37	ADR	29.3	-44.9	29.77	54	-24.23	-	-	-	-	32	201	V
4	* 3.59829	51.53	PK-U	33.3	-40.7	44.13	-	-	74	-29.87	-	-	132	200	V
	* 3.59853	39.63	ADR	33.3	-40.7	32.23	54	-21.77	-	-	-	-	132	200	V

Range 5: Horizontal 6150 - 18000MHz

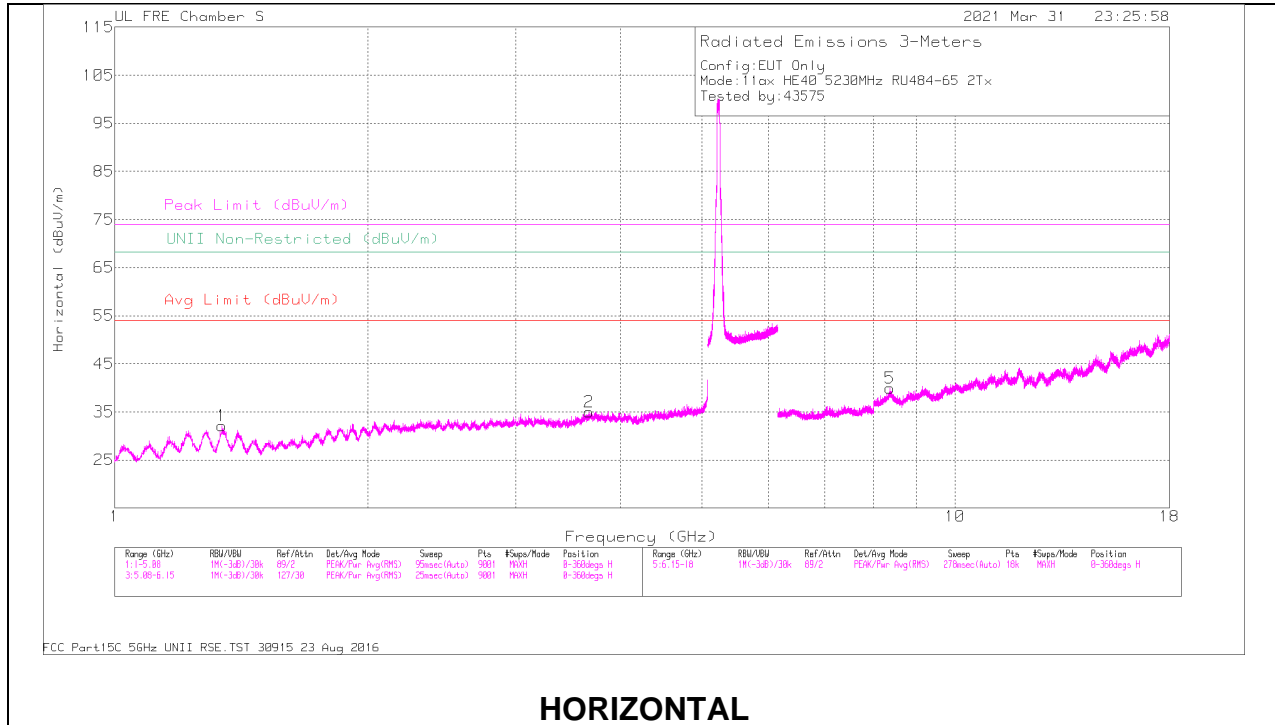
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF PRE021 3833 (dB/m)	Amp/Cbl /Filtr/Pad (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
5	* 11.94298	46.58	PK-U	38.8	-33.9	51.48	-	-	74	-22.52	-	-	235	100	H
	* 11.94224	34.92	ADR	38.8	-33.9	39.82	54	-14.18	-	-	-	-	235	100	H

Range 6: Vertical 6150 - 18000MHz

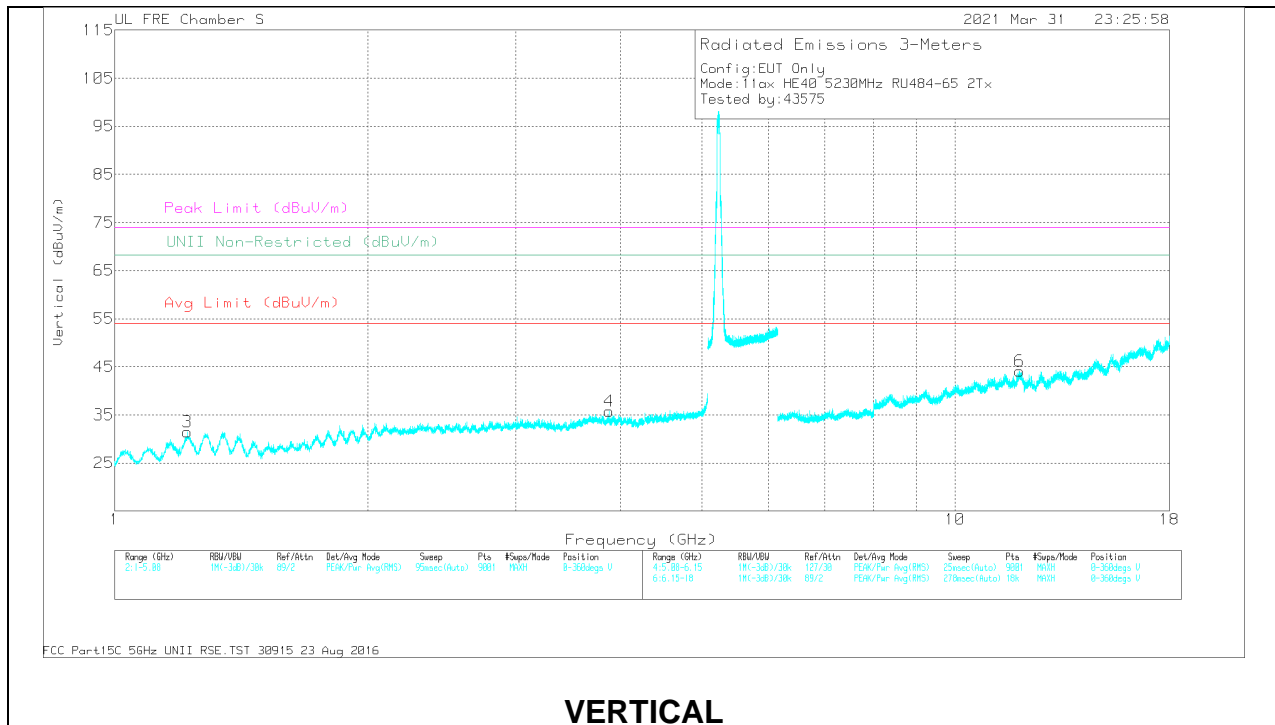
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF PRE021 3833 (dB/m)	Amp/Cbl /Filtr/Pad (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
6	* 11.47323	45.89	PK-U	38.3	-33.3	50.89	-	-	74	-23.11	-	-	305	201	V
	* 11.47588	34.65	ADR	38.3	-33.3	39.65	54	-14.35	-	-	-	-	305	201	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

Range 1: Horizontal 1000 - 5080MHz

Marker	Frequen cy (GHz)	Meter Reading (dBuV)	Det	AF PRE021 3833 (dB/m)	Amp/Cbl /Filtr/Pad (dB)	Correcte d Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non- Restrict ed (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 1.3423	57.1	PK-U	29.3	-44.9	41.5	-	-	74	-32.5	-	-	45	100	H
	* 1.3424	45.31	ADR	29.3	-44.9	29.71	54	-24.29	-	-	-	-	45	100	H
2	* 3.6697	52.05	PK-U	33.4	-40.8	44.65	-	-	74	-29.35	-	-	105	100	H
	* 3.6708	40.53	ADR	33.5	-40.8	33.23	54	-20.77	-	-	-	-	105	100	H

Range 2: Vertical 1000 - 5080MHz

Marker	Frequen cy (GHz)	Meter Reading (dBuV)	Det	AF PRE021 3833 (dB/m)	Amp/Cbl /Filtr/Pad (dB)	Correcte d Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non- Restrict ed (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
3	* 1.2199	57.93	PK-U	28.8	-45.5	41.23	-	-	74	-32.77	-	-	55	201	V
	* 1.2211	46.13	ADR	28.8	-45.5	29.43	54	-24.57	-	-	-	-	55	201	V
4	* 3.8757	51.3	PK-U	33.8	-40.6	44.5	-	-	74	-29.5	-	-	210	200	V
	* 3.8742	39.51	ADR	33.8	-40.6	32.71	54	-21.29	-	-	-	-	210	200	V

Range 5: Horizontal 6150 - 18000MHz

Marker	Frequen cy (GHz)	Meter Reading (dBuV)	Det	AF PRE021 3833 (dB/m)	Amp/Cbl /Filtr/Pad (dB)	Correcte d Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non- Restrict ed (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
5	* 8.3665	49.53	PK-U	36.1	-36.3	49.33	-	-	74	-24.67	-	-	155	100	H
	* 8.3641	37.73	ADR	36.1	-36.4	37.43	54	-16.57	-	-	-	-	155	100	H

Range 6: Vertical 6150 - 18000MHz

Marker	Frequen cy (GHz)	Meter Reading (dBuV)	Det	AF PRE021 3833 (dB/m)	Amp/Cbl /Filtr/Pad (dB)	Correcte d Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non- Restrict ed (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
6	* 11.933	46.31	PK-U	38.8	-33.8	51.31	-	-	74	-22.69	-	-	222	201	V
	* 11.936	35.08	ADR	38.8	-33.8	40.08	54	-13.92	-	-	-	-	222	201	V

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

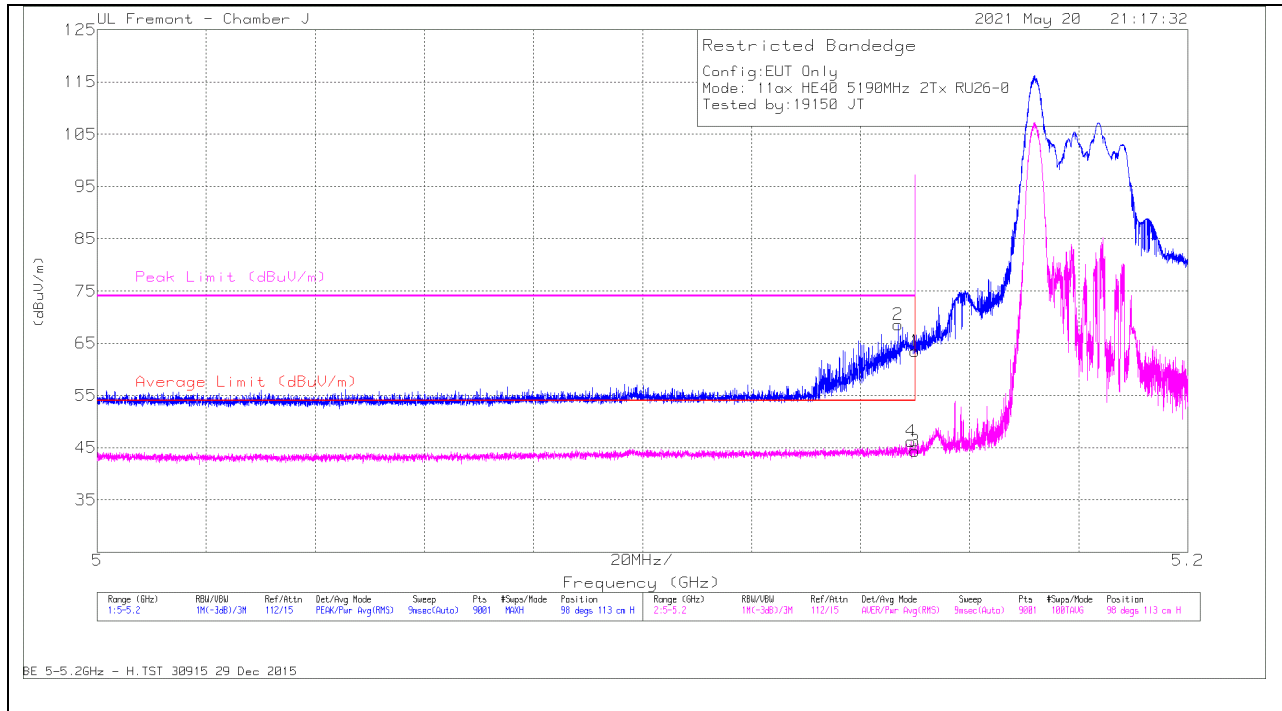
PK-U - U-NII: Maximum Peak

ADR - U-NII AD primary method, RMS average

2TX ANT 6 + ANT 5 OFDMA MODE – 26 Tones, RU Index 0

BANDEDGE (LOW CHANNEL)

HORIZONTAL RESULT



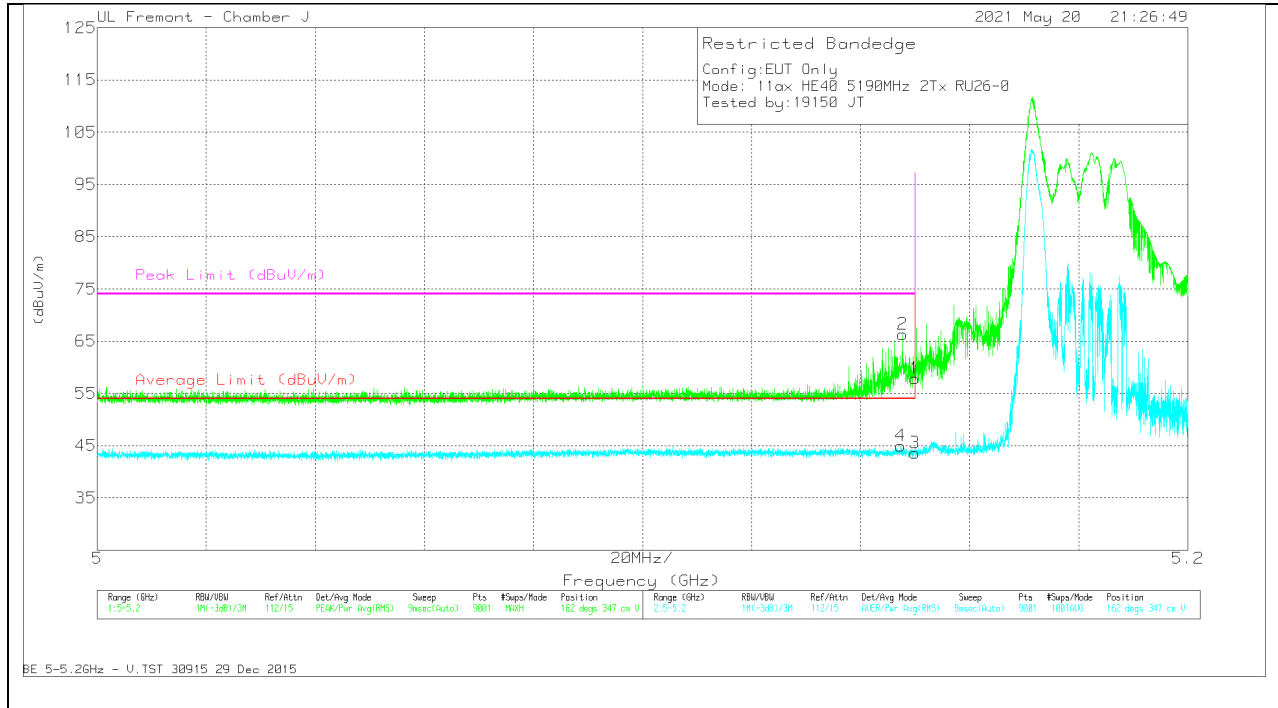
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF PRE0100 034 (dB/m)	Amp/Cbl /Ftr/Pad (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 5.15	49.85	Pk	34.4	-20.8	63.45	-	-	74	-10.55	98	113	H
2	* 5.14687	54.95	Pk	34.4	-20.8	68.55	-	-	74	-5.45	98	113	H
3	* 5.15	30.76	RMS	34.4	-20.8	44.36	54	-9.64	-	-	98	113	H
4	* 5.14927	32.57	RMS	34.4	-20.8	46.17	54	-7.83	-	-	98	113	H

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

Pk - Peak detector

RMS - RMS detection

VERTICAL RESULT

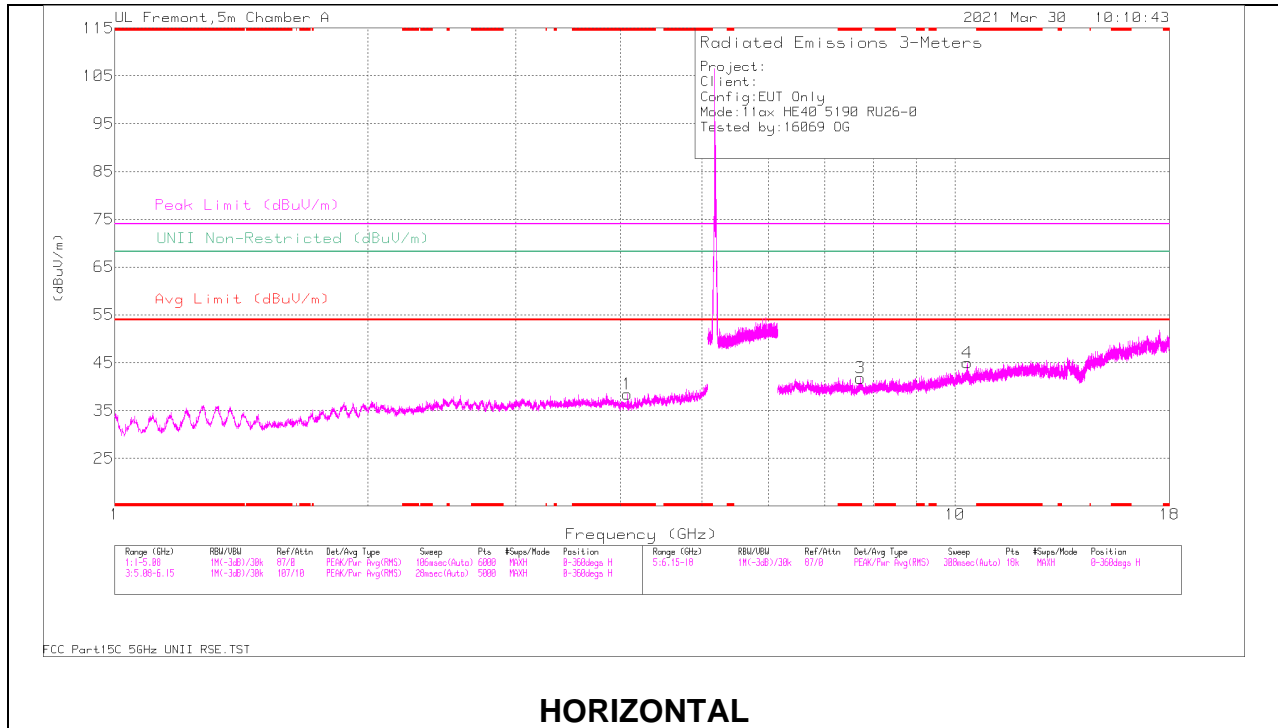


Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF PRE0100 034 (dB/m)	Amp/Cbl /Ftr/Pad (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 5.15	44.25	Pk	34.4	-20.8	57.85	-	-	74	-16.15	162	347	V
2	* 5.14769	52.74	Pk	34.4	-20.8	66.34	-	-	74	-7.66	162	347	V
3	* 5.15	30	RMS	34.4	-20.8	43.6	54	-10.4	-	-	162	347	V
4	* 5.14735	31.35	RMS	34.4	-20.8	44.95	54	-9.05	-	-	162	347	V

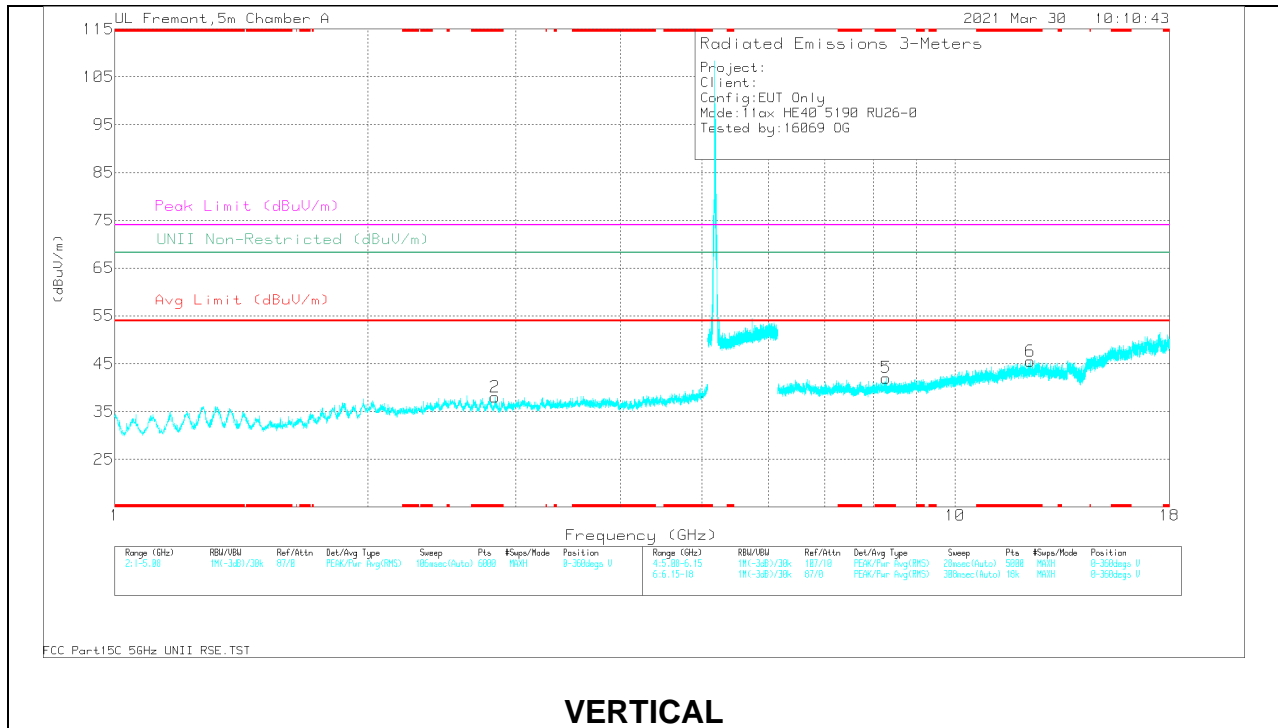
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band
Pk - Peak detector
RMS - RMS detection

HARMONICS AND SPURIOUS EMISSIONS (11ax HE40 5190 2TX)

LOW CHANNEL RESULTS



HORIZONTAL



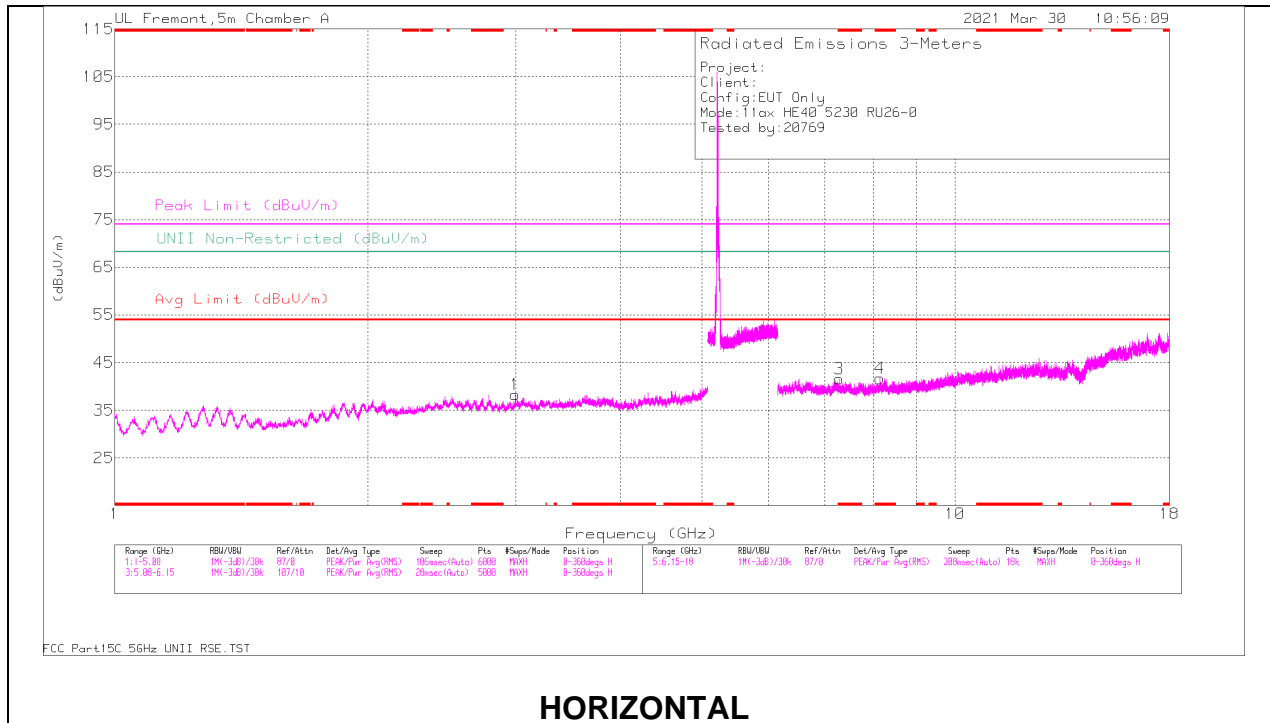
VERTICAL

RADIATED EMISSIONS

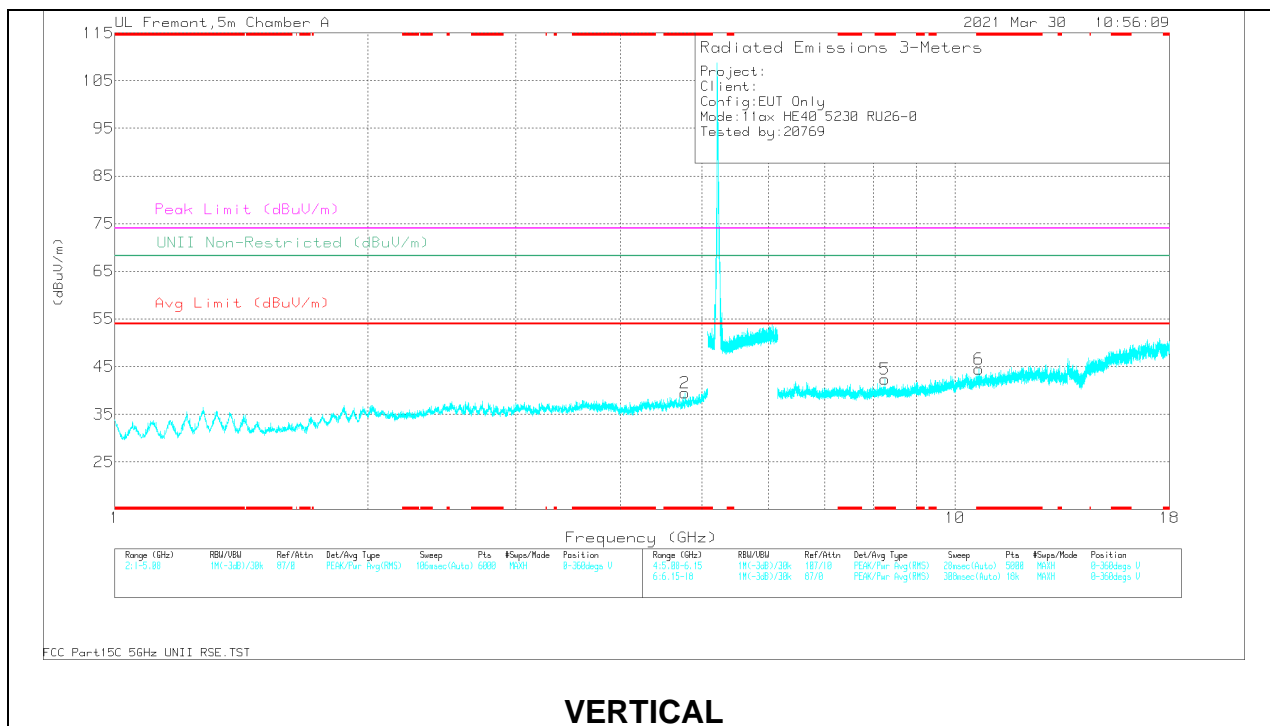
Marker	Frequenc y (GHz)	Meter Readin g (dBuV)	Det	AF T136 (dB/m)	Amp/Cb l/Fitr/Pa d (dB)	Correct ed Readin g (dBuV/ m)	Avg Limit (dBuV/ m)	Margin (dB)	Peak Limit (dBuV/ m)	PK Margin (dB)	UNII Non- Restrict ed (dBuV/ m)	PK Margin (dB)	Azimet h (Degs)	Height (cm)	Polarity
1	* 4.07701	38.19	PK-U	33.4	-26.9	44.69	-	-	74	-29.31	-	-	5	101	H
	* 4.07736	25.25	ADR	33.4	-26.9	31.75	54	-22.25	-	-	-	-	5	101	H
2	* 2.8373	40.23	PK-U	32.5	-28.7	44.03	-	-	74	-29.97	-	-	217	166	V
	* 2.83849	28.02	ADR	32.5	-28.7	31.82	54	-22.18	-	-	-	-	217	166	V
3	* 7.71291	33.92	PK-U	35.9	-20.8	49.02	-	-	74	-24.98	-	-	61	167	H
	* 7.71452	19.71	ADR	35.9	-20.8	34.81	54	-19.19	-	-	-	-	61	167	H
5	* 8.276	33.63	PK-U	36.1	-21.5	48.23	-	-	74	-25.77	-	-	205	220	V
	* 8.27772	19.51	ADR	36.1	-21.5	34.11	54	-19.89	-	-	-	-	205	220	V
6	* 12.29637	31.93	PK-U	39.1	-18.1	52.93	-	-	74	-21.07	-	-	209	197	V
	* 12.29338	16.39	ADR	39.1	-18.2	37.29	54	-16.71	-	-	-	-	209	197	V
4	10.34365	20.78	ADR	37.7	-19.1	39.38	-	-	-	-	-	-	59	148	H
	10.34399	33.48	PK-U	37.7	-19.1	52.08	-	-	-	-	68.2	-16.12	59	148	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	Frequen cy (GHz)	Meter Reading (dBuV)	Det	AF T136 (dB/m)	Amp/Cb l/Fitr/Pa d (dB)	Correct ed Reading (dBuV/ m)	Avg Limit (dBuV/ m)	Margin (dB)	Peak Limit (dBuV/ m)	PK Margin (dB)	UNII Non- Restrict ed (dBuV/ m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
2	* 4.7688	37.75	PK-U	34.2	-25.5	46.45	-	-	74	-27.55	-	-	295	210	V
	* 4.7704	24.21	ADR	34.2	-25.4	33.01	54	-20.99	-	-	-	-	295	210	V
3	* 7.2846	34.23	PK-U	36.1	-21.5	48.83	-	-	74	-25.17	-	-	0	102	H
	* 7.2858	20.01	ADR	36.1	-21.6	34.51	54	-19.49	-	-	-	-	0	102	H
4	* 8.1370	33.3	PK-U	36.1	-21.6	47.8	-	-	74	-26.2	-	-	137	151	H
	* 8.1373	19.8	ADR	36.1	-21.6	34.3	54	-19.7	-	-	-	-	137	151	H
5	* 8.2478	33.74	PK-U	36.2	-21.2	48.74	-	-	74	-25.26	-	-	300	249	V
	* 8.2456	19.11	ADR	36.1	-21.3	33.91	54	-20.09	-	-	-	-	300	249	V
6	* 10.674	32.54	PK-U	37.8	-19.6	50.74	-	-	74	-23.26	-	-	273	128	V
	* 10.674	17.04	ADR	37.8	-19.6	35.24	54	-18.76	-	-	-	-	273	128	V
1	2.99777	26.88	ADR	32.9	-27.7	32.08	-	-	-	-	-	-	299	167	H
	2.99796	39.43	PK-U	32.9	-27.6	44.73	-	-	-	-	68.2	-23.47	299	167	H

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

PK-U - U-NII: Maximum Peak

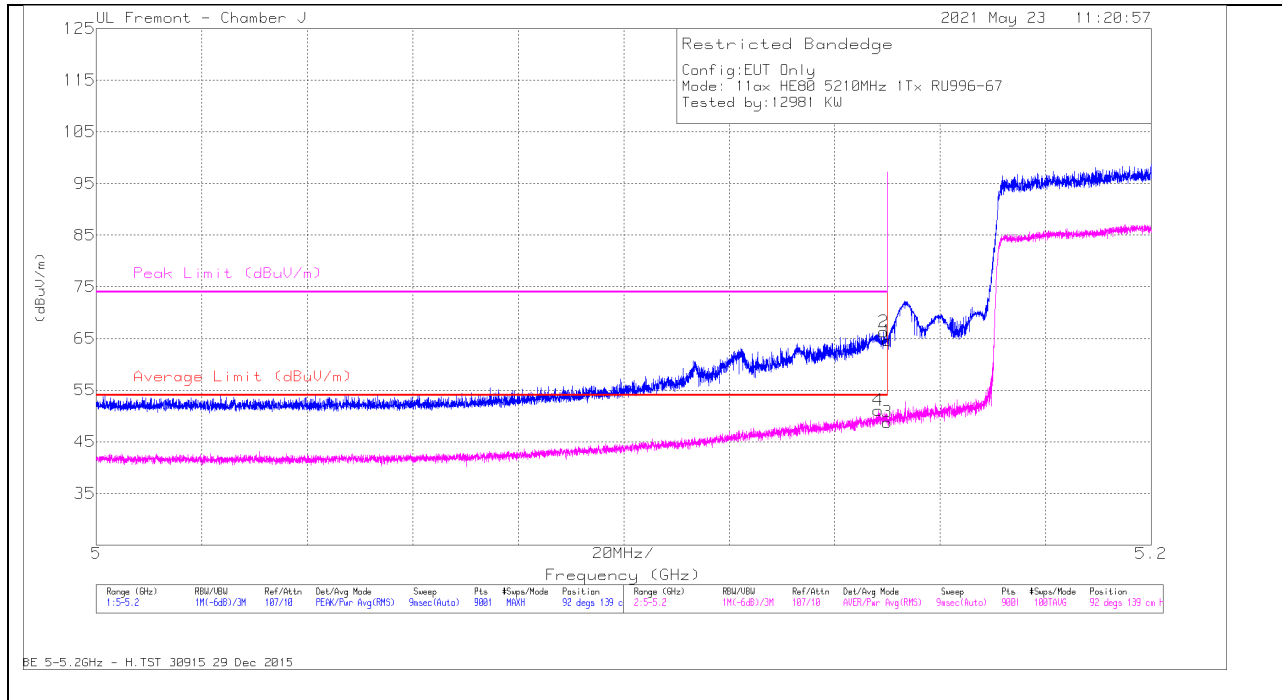
ADR - U-NII AD primary method, RMS average

1.1.6. TX ABOVE 1 GHz 802.11ax HE80 MODE IN THE 5.2 GHz BAND

1TX ANT 6 – 996 Tones, RU Index 67

BANDEDGE (MID CHANNEL)

HORIZONTAL RESULT



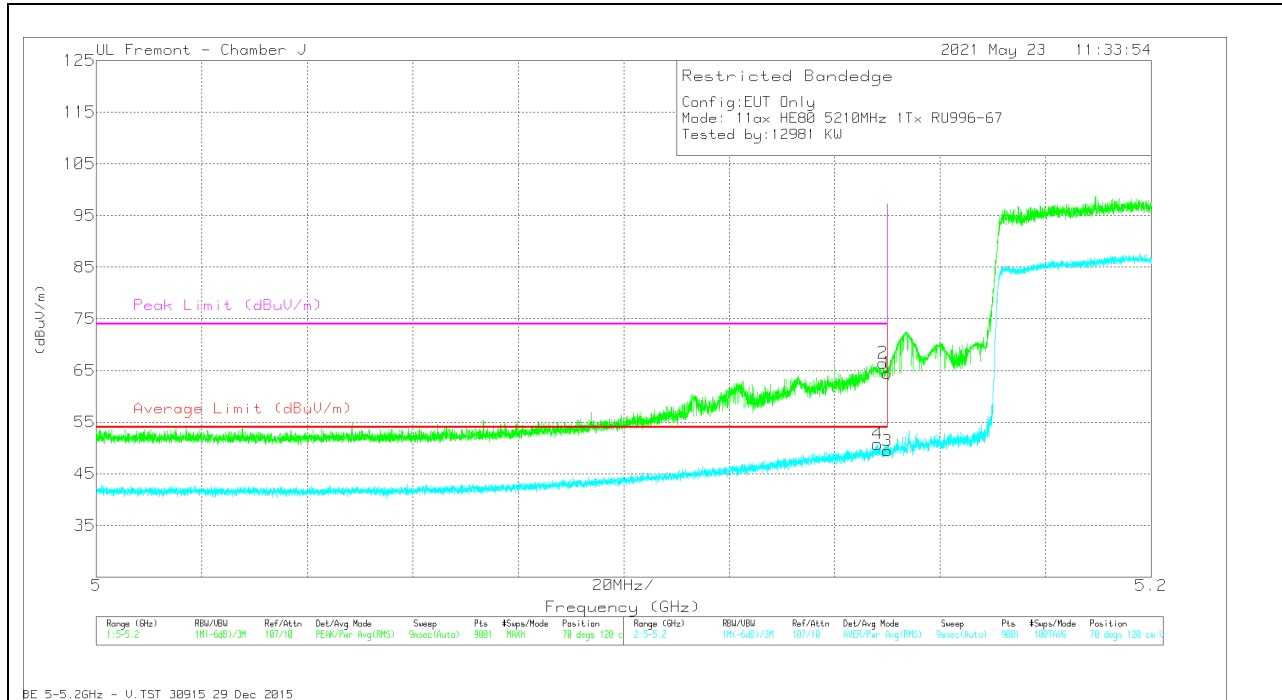
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF PRE0100 034 (dB/m)	Amp/Cbl /Ftr/Pad (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 5.15	50.96	Pk	34.4	-20.8	64.56	-	-	74	-9.44	92	139	H
2	* 5.14929	52.68	Pk	34.4	-20.8	66.28	-	-	74	-7.72	92	139	H
3	* 5.15	35.19	RMS	34.4	-20.8	48.79	54	-5.21	-	-	92	139	H
4	* 5.14824	37.48	RMS	34.4	-20.8	51.08	54	-2.92	-	-	92	139	H

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

Pk - Peak detector

RMS - RMS detection

VERTICAL RESULT



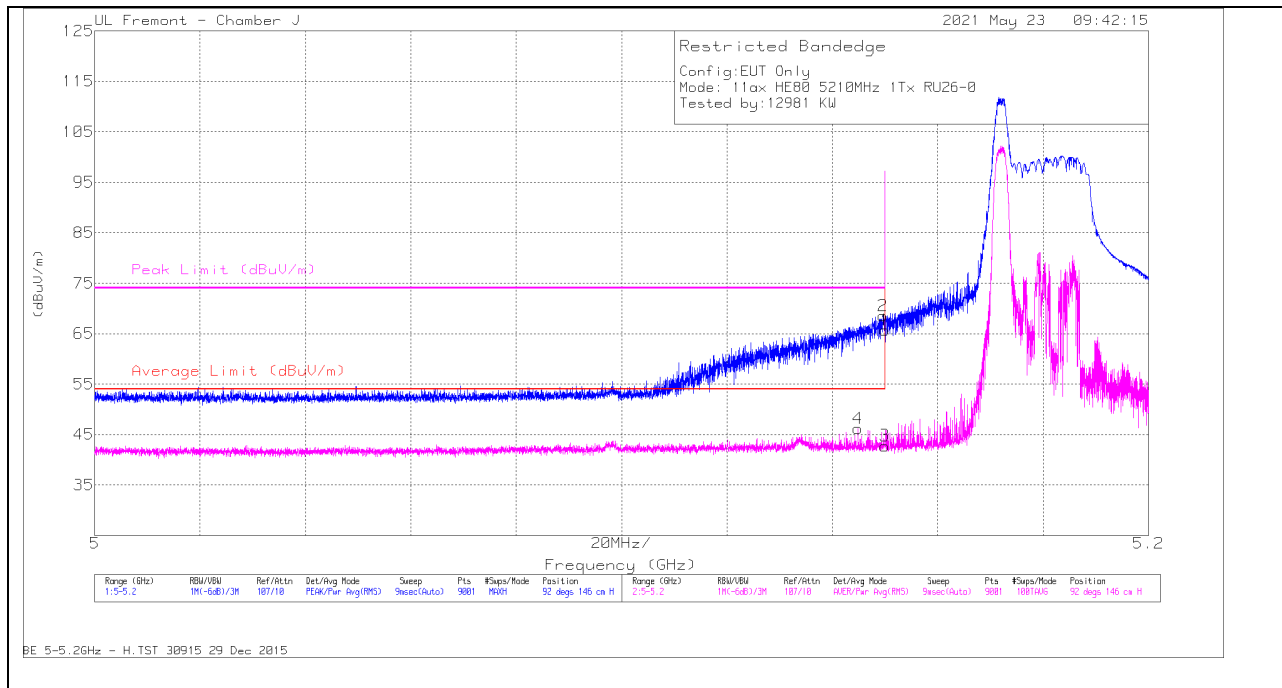
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF PRE0100 034 (dB/m)	Amp/Cbl /Ftr/Pad (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 5.15	50.88	Pk	34.4	-20.8	64.48	-	-	74	-9.52	70	120	V
2	* 5.14915	52.84	Pk	34.4	-20.8	66.44	-	-	74	-7.56	70	120	V
3	* 5.15	35.85	RMS	34.4	-20.8	49.45	54	-4.55	-	-	70	120	V
4	* 5.14811	37.15	RMS	34.4	-20.8	50.75	54	-3.25	-	-	70	120	V

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

1TX ANT 6 – 26 Tones, RU Index 0

BANDEDGE (MID CHANNEL)

HORIZONTAL RESULT



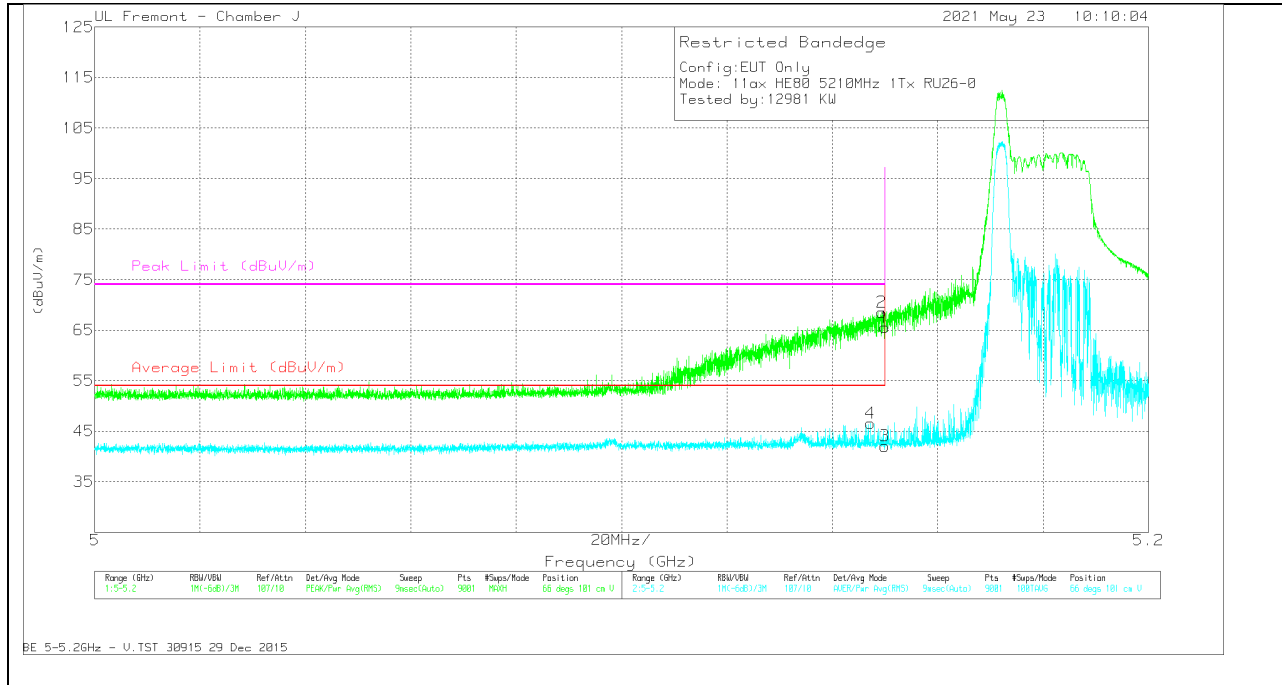
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF PRE0100 034 (dB/m)	Amp/Cbl /Ftr/Pad (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 5.15	52.1	Pk	34.4	-20.8	65.7	-	-	74	-8.3	92	146	H
2	* 5.1496	54.99	Pk	34.4	-20.8	68.59	-	-	74	-5.41	92	146	H
3	* 5.15	29.18	RMS	34.4	-20.8	42.78	54	-11.22	-	-	92	146	H
4	* 5.14489	32.62	RMS	34.4	-20.8	46.22	54	-7.78	-	-	92	146	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 PRE0100 034 (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	51.98	Pk	34.4	-20.8	65.58	-	-	74	-8.42	66	101	V
2	* 5.14942	54.95	Pk	34.4	-20.8	68.55	-	-	74	-5.45	66	101	V
3	* 5.15	28.44	RMS	34.4	-20.8	42.04	54	-11.96	-	-	66	101	V
4	* 5.14724	32.95	RMS	34.4	-20.8	46.55	54	-7.45	-	-	66	101	V

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

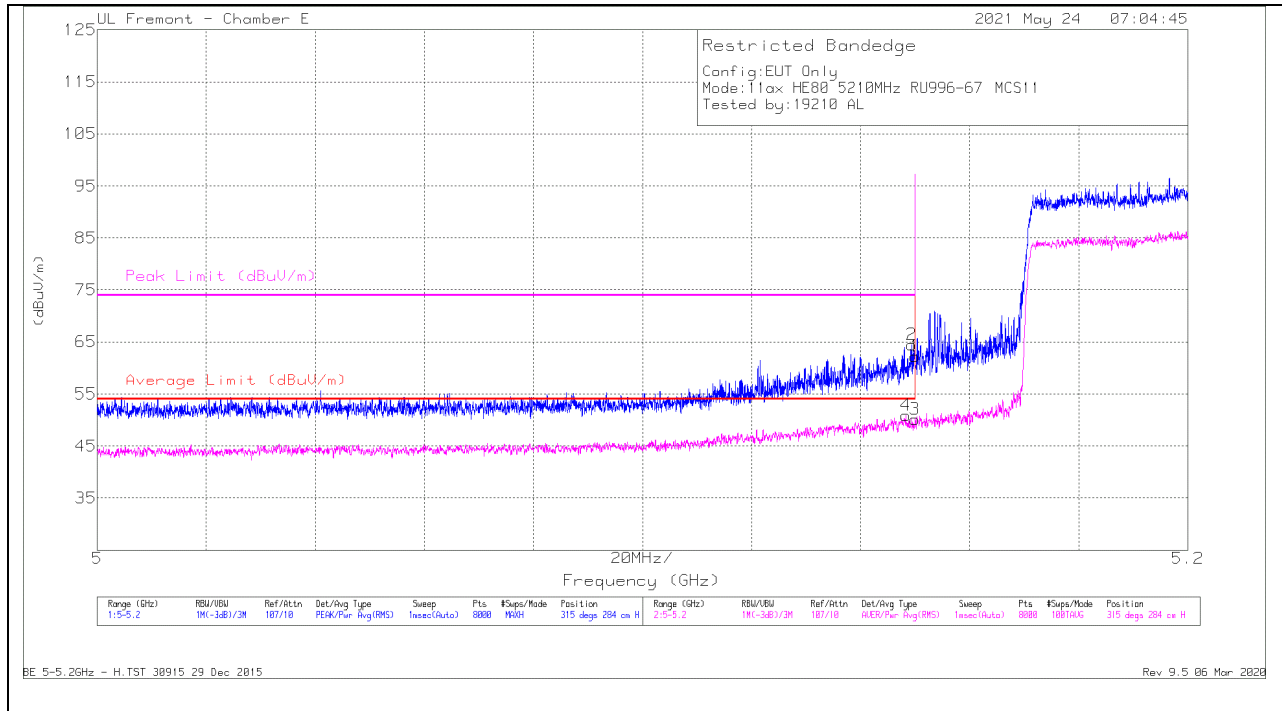
Pk - Peak detector

RMS - RMS detection

1TX ANT 5 – 996 Tones, RU Index 67

BANEDGE (MID CHANNEL)

HORIZONTAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF PRE0078107 (dB/m)	Amp/Cb/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	* 5.14999	49.15	Pk	34.3	-21.2	62.25	-	-	74	-11.75	315	284	H
2	* 5.14934	51.36	Pk	34.3	-21.2	64.46	-	-	74	-9.54	315	284	H
3	* 5.14999	37.06	RMS	34.3	-21.2	50.16	54	-3.84	-	-	315	284	H
4	* 5.14827	37.74	RMS	34.3	-21.2	50.84	54	-3.16	-	-	315	284	H

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

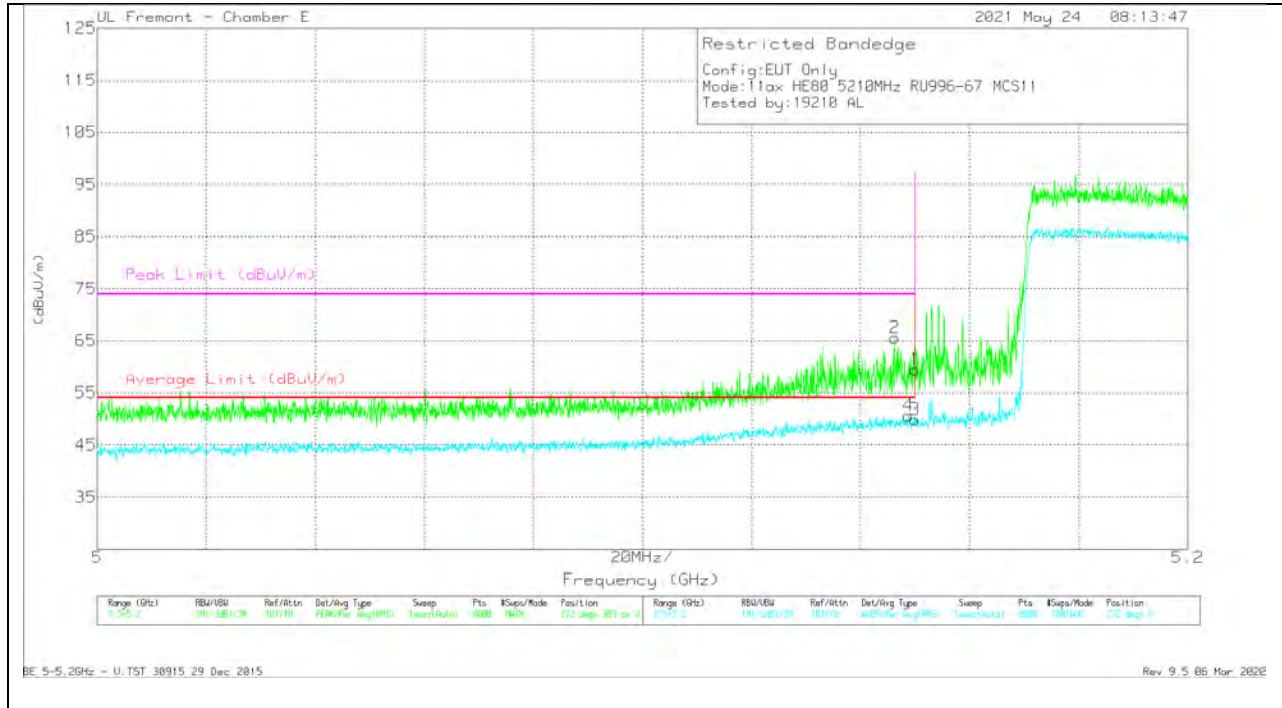
Pk - Peak detector

RMS - RMS detection

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

Rev 9.5 06 Mar 2020

VERTICAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF PRE0078 107 (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	* 5.14999	46.35	Pk	34.3	-21.2	59.45	-	-	74	-14.55	272	389	V
2	* 5.14627	52.47	Pk	34.3	-21.2	65.57	-	-	74	-8.43	272	389	V
3	* 5.14999	36.83	RMS	34.3	-21.2	49.93	54	-4.07	-	-	272	389	V
4	* 5.14882	37.52	RMS	34.3	-21.2	50.62	54	-3.38	-	-	272	389	V

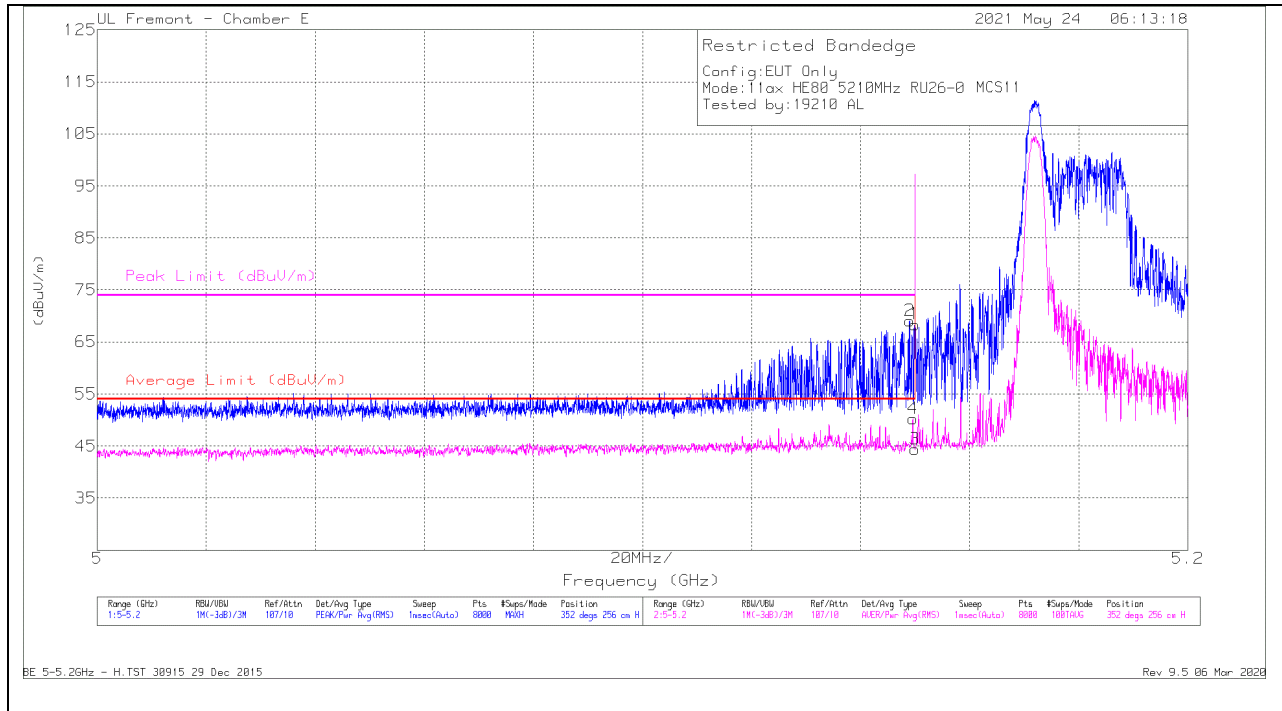
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band
Pk - Peak detector
RMS - RMS detection

BE 5-5.2GHz - V.TST 30915 29 Dec 2015
Rev 9.5 06 Mar 2020

1TX ANT 5 – 26 Tones, RU Index 0

BANEDGE (MID CHANNEL)

HORIZONTAL RESULT

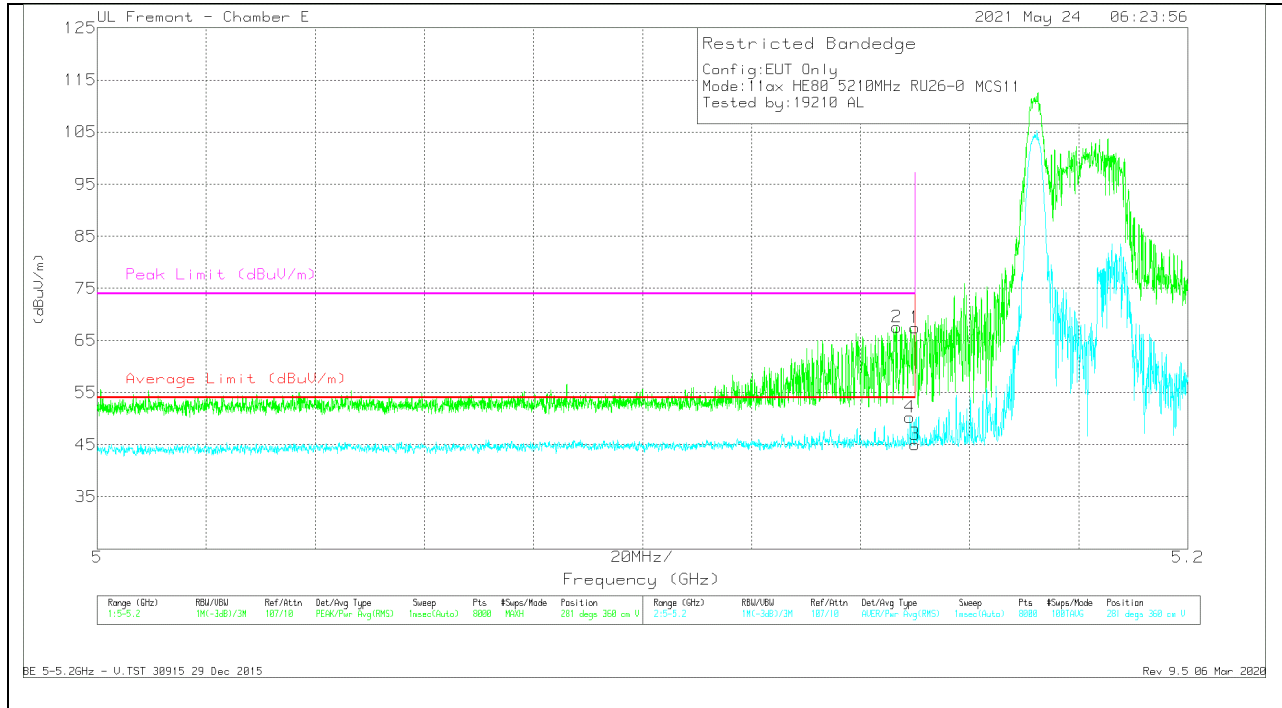


Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF PRE0078 107 (dB/m)	Amp/CbW Filt/Pad (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 5.14999	55.29	Pk	34.3	-21.2	68.39	-	-	74	-5.61	352	256	H
2	* 5.14897	56.01	Pk	34.3	-21.2	69.11	-	-	74	-4.89	352	256	H
3	* 5.14999	31.29	RMS	34.3	-21.2	44.39	54	-9.61	-	-	352	256	H
4	* 5.14957	37.2	RMS	34.3	-21.2	50.3	54	-3.7	-	-	352	256	H

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

BE 5-5.2GHz - H.TST 30915 29 Dec 2015
Rev 9.5 06 Mar 2020

VERTICAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF PRE0078 107 (dB/m)	Amp/Cbl/Filtr/Pad (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
2	* 5.14659	54.51	Pk	34.3	-21.2	67.61	-	-	74	-6.39	281	360	V
4	* 5.14904	37.13	RMS	34.3	-21.2	50.23	54	-3.77	-	-	281	360	V
1	* 5.14999	54.34	Pk	34.3	-21.2	67.44	-	-	74	-6.56	281	360	V
3	* 5.14999	31.98	RMS	34.3	-21.2	45.08	54	-8.92	-	-	281	360	V

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

Pk - Peak detector
RMS - RMS detection

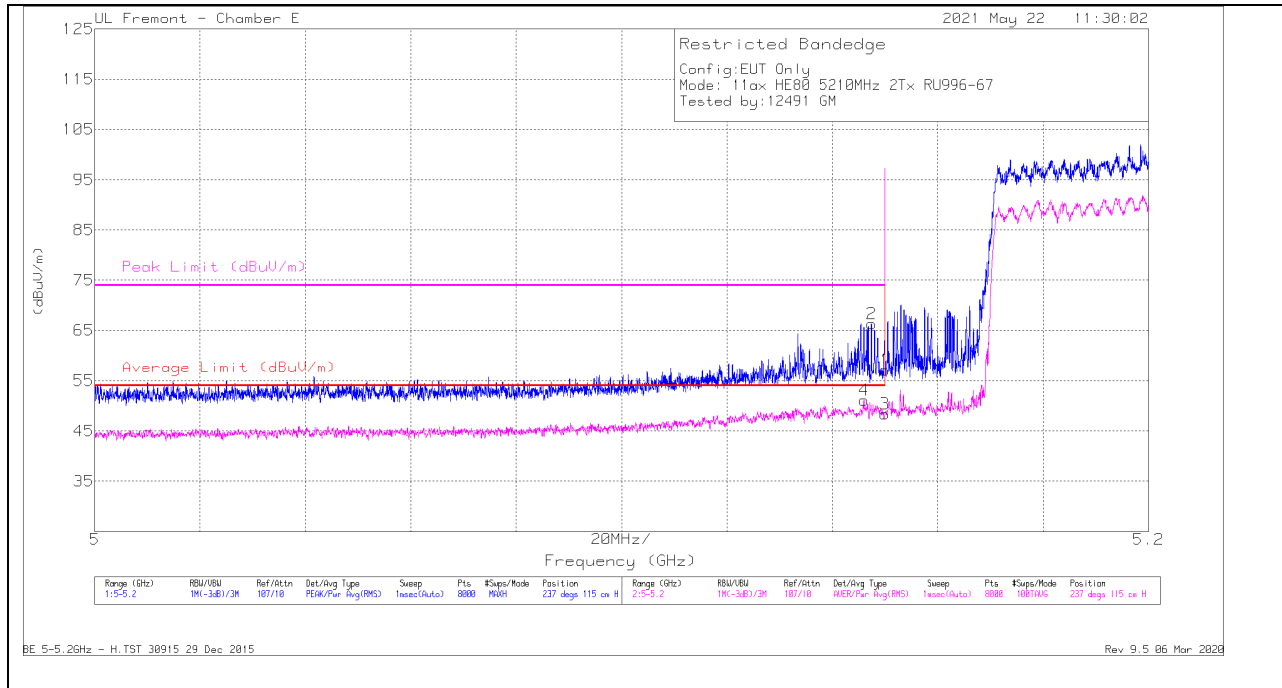
BE 5-5.2GHz - V.TST 30915 29 Dec 2015

Rev 9.5 06 Mar 2020

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

BANDEDGE (MID CHANNEL)

HORIZONTAL RESULT

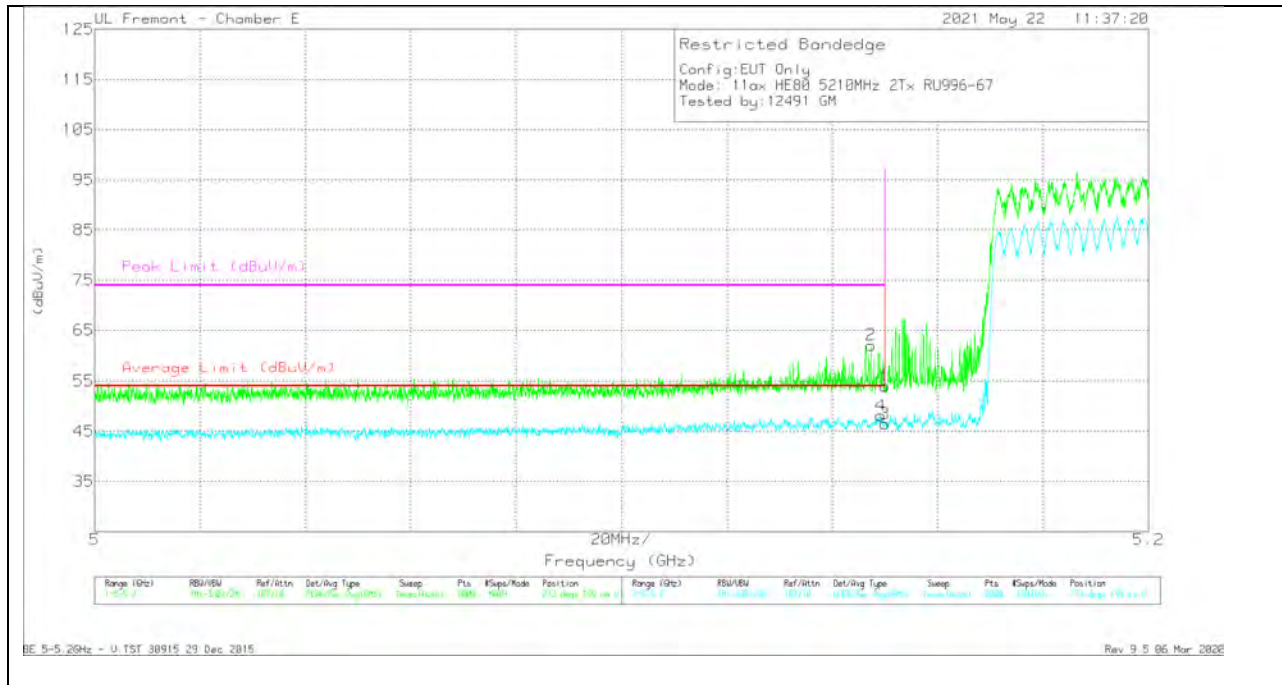


Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF PRE0078 107 (dB/m)	Amp/Cb/ Fitr/Pad (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 5.14999	44.01	Pk	34.3	-21.2	57.11	-	-	74	-16.89	237	115	H
2	* 5.14742	53.23	Pk	34.3	-21.2	66.33	-	-	74	-7.67	237	115	H
3	* 5.14999	35.17	RMS	34.3	-21.2	48.27	54	-5.73	-	-	237	115	H
4	* 5.14599	37.87	RMS	34.3	-21.2	50.97	54	-3.03	-	-	237	115	H

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

BE 5-5.2GHz - H.TST 30915 29 Dec 2015
 Rev 9.5 06 Mar 2020

VERTICAL RESULT



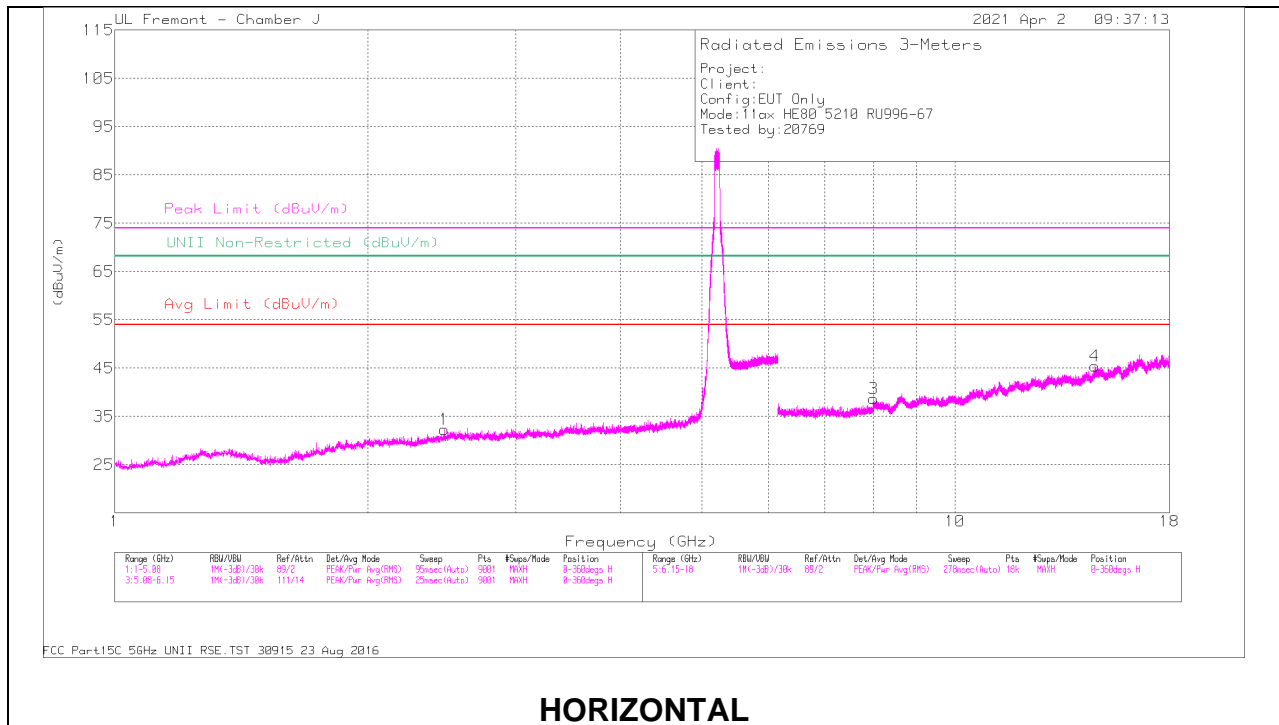
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF PRE0078 107 (dB/m)	Amp/Cbl/ Filt/Pad (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 5.14999	40.89	Pk	34.3	-21.2	53.99	-	-	74	-20.01	273	199	V
2	* 5.14734	49.05	Pk	34.3	-21.2	62.15	-	-	74	-11.85	273	199	V
3	* 5.14999	33.25	RMS	34.3	-21.2	46.35	54	-7.65	-	-	273	199	V
4	* 5.14919	34.91	RMS	34.3	-21.2	48.01	54	-5.99	-	-	273	199	V

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

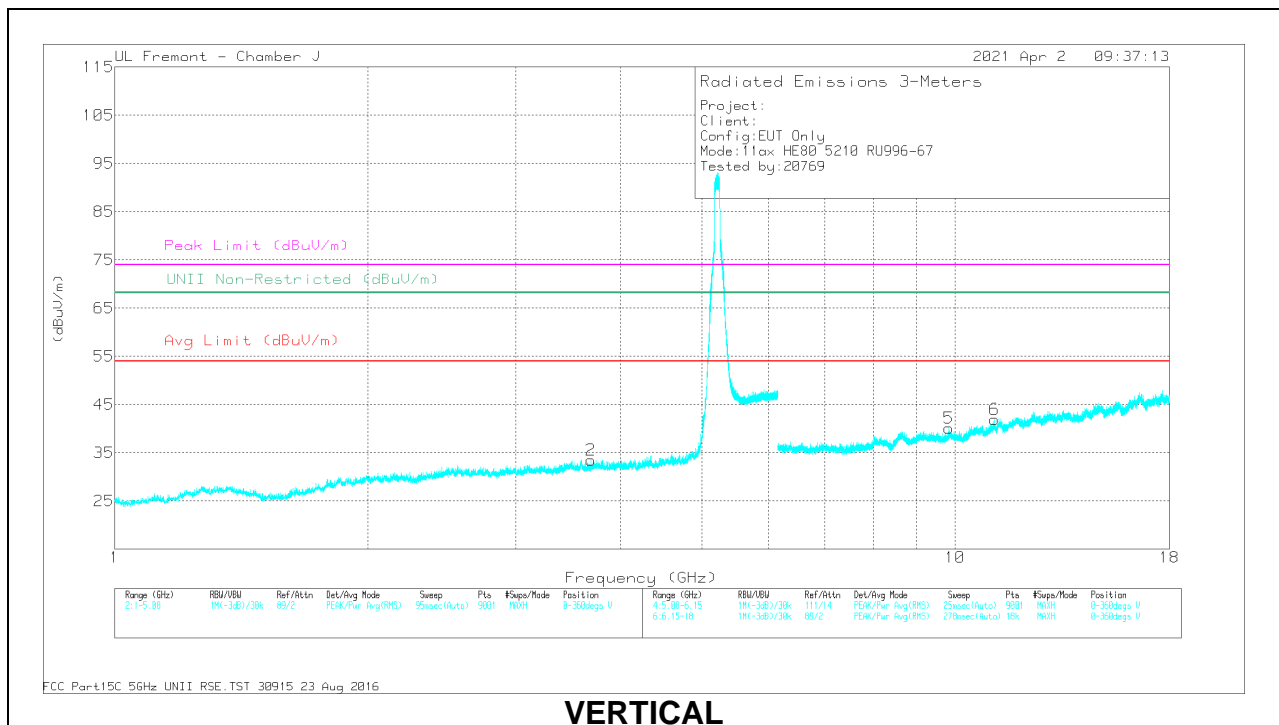
BE 5-5.2GHz - V.TST 30915 29 Dec 2015
 Rev 9.5 06 Mar 2020

HARMONICS AND SPURIOUS EMISSIONS (11ax HE80 996 2TX)

MID CHANNEL RESULTS



HORIZONTAL



VERTICAL

RADIATED EMISSIONS

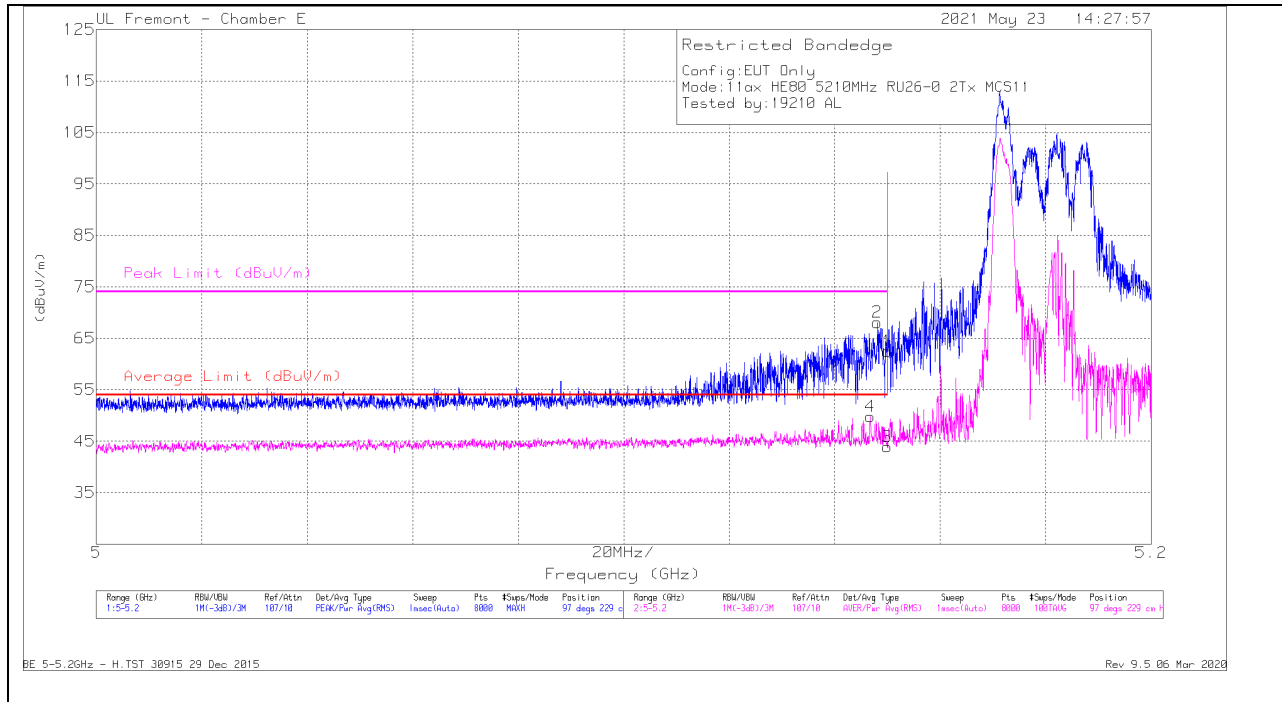
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF PRE010 0034 (dB/m)	Amp/Cb I/Ftr/Pad (dB)	Correct ed Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non-Restrict ed (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	2.46464	44.65	PK-U	32.3	-35	41.95	-	-	-	-	68.2	-26.25	12	376	H
	2.46642	32.98	ADR	32.3	-35	30.28	-	-	-	-	-	-	12	376	H
2	* 3.6874	42.36	PK-U	33.5	-32.9	42.96	-	-	74	-31.04	-	-	360	201	V
	* 3.68787	30.63	ADR	33.5	-32.9	31.23	54	-22.77	-	-	-	-	360	201	V
3	8.00729	37.5	PK-U	36	-25.9	47.6	-	-	-	-	68.2	-20.6	117	368	H
	8.00727	26.12	ADR	36	-25.9	36.22	-	-	-	-	-	-	117	368	H
4	14.68351	33.28	PK-U	39.9	-19.2	53.98	-	-	-	-	68.2	-14.22	237	399	H
	14.68444	21.37	ADR	39.9	-19.2	42.07	-	-	-	-	-	-	237	399	H
5	9.83177	35.97	PK-U	37.2	-24.2	48.97	-	-	-	-	68.2	-19.23	46	129	V
	9.83254	24.67	ADR	37.2	-24.1	37.77	-	-	-	-	-	-	46	129	V
6	* 11.13942	35.97	PK-U	38.2	-23.3	50.87	-	-	74	-23.13	-	-	291	353	V
	* 11.13811	24.13	ADR	38.2	-23.3	39.03	54	-14.97	-	-	-	-	291	353	V

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

2TX ANT 6 + ANT 5 OFDMA MODE – 26 Tones, RU Index 0

BANDEDGE (MID CHANNEL)

HORIZONTAL RESULT

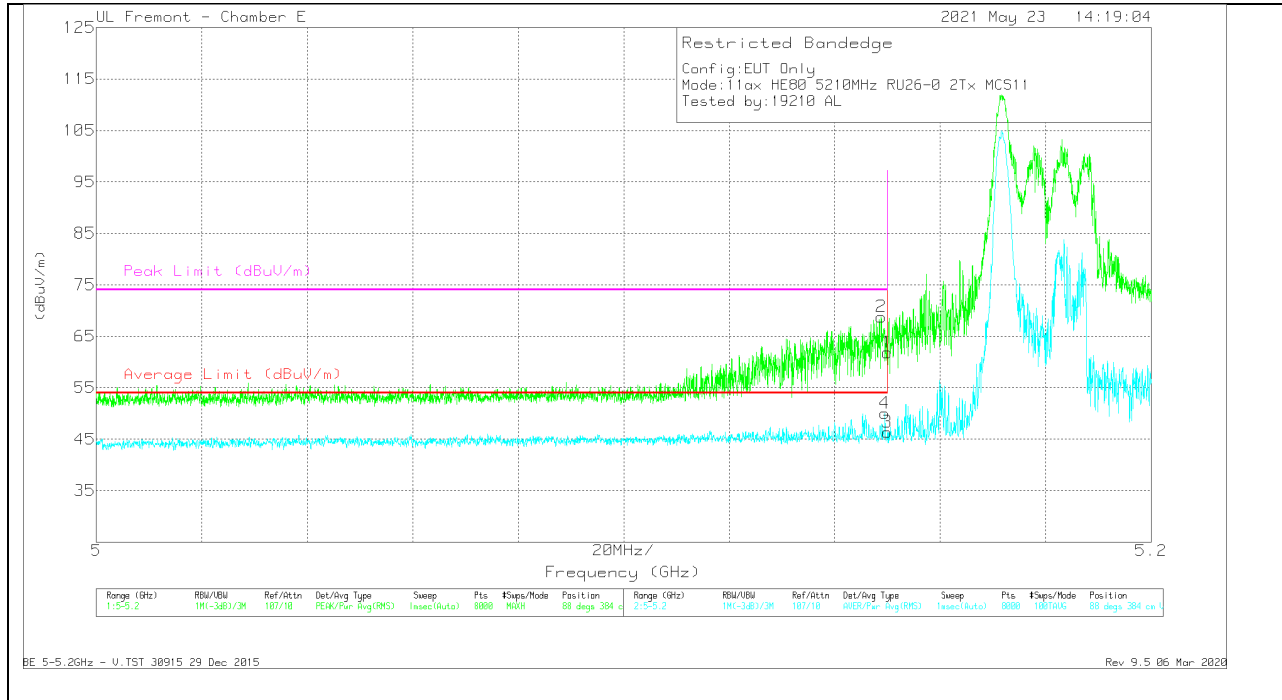


Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF PRE0078 107 (dB/m)	Amp/Cbl/ Fitr/Pad (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
4	* 5.14672	36.67	RMS	34.3	-21.2	49.77	54	-4.23	-	-	97	229	H
2	* 5.14804	54.98	Pk	34.3	-21.2	68.08	-	-	74	-5.92	97	229	H
1	* 5.14999	49.36	Pk	34.3	-21.2	62.46	-	-	74	-11.54	97	229	H
3	* 5.14999	30.8	RMS	34.3	-21.2	43.9	54	-10.1	-	-	97	229	H

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

BE 5-5.2GHz - H.TST 30915 29 Dec 2015
Rev 9.5 06 Mar 2020

VERTICAL RESULT



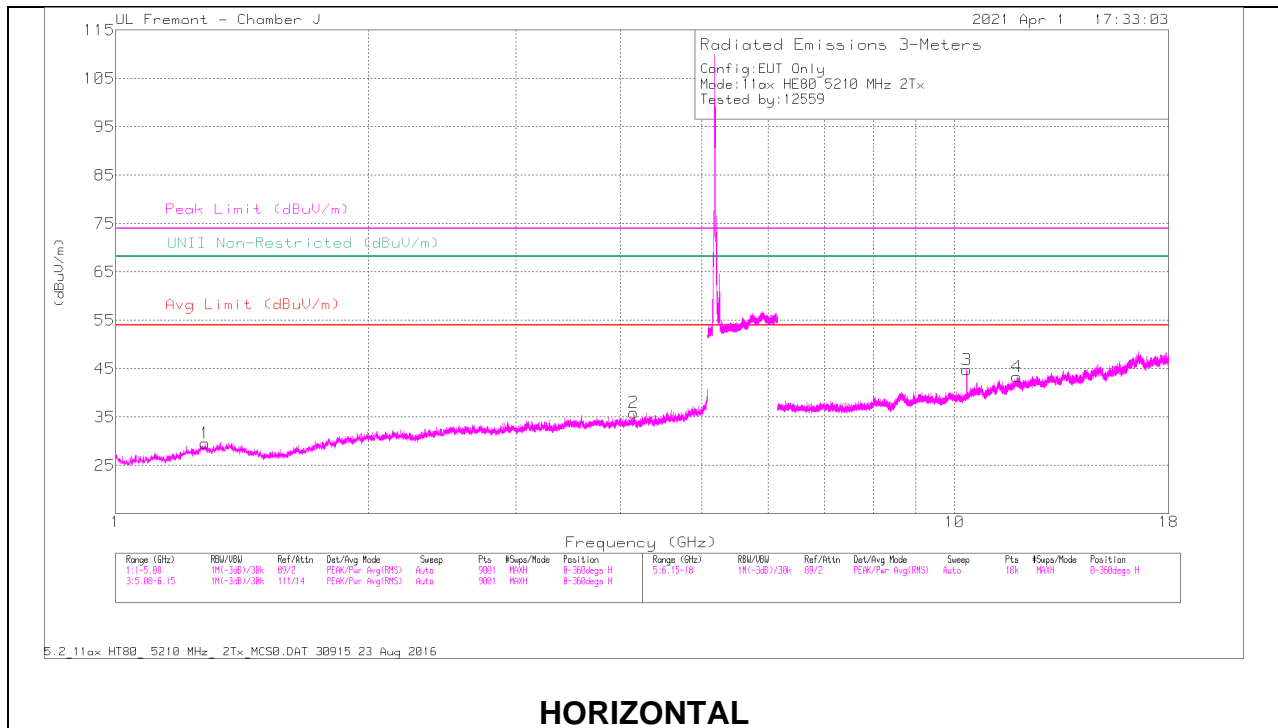
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF PRE0078 107 (dB/m)	Amp/Cb/ Filt/Pad (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
2	* 5.14882	55.7	Pk	34.3	-21.2	68.8	-	-	74	-5.2	88	384	V
4	* 5.14947	36.97	RMS	34.3	-21.2	50.07	54	-3.93	-	-	88	384	V
1	* 5.14999	48.76	Pk	34.3	-21.2	61.86	-	-	74	-12.14	88	384	V
3	* 5.14999	33.28	RMS	34.3	-21.2	46.38	54	-7.62	-	-	88	384	V

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

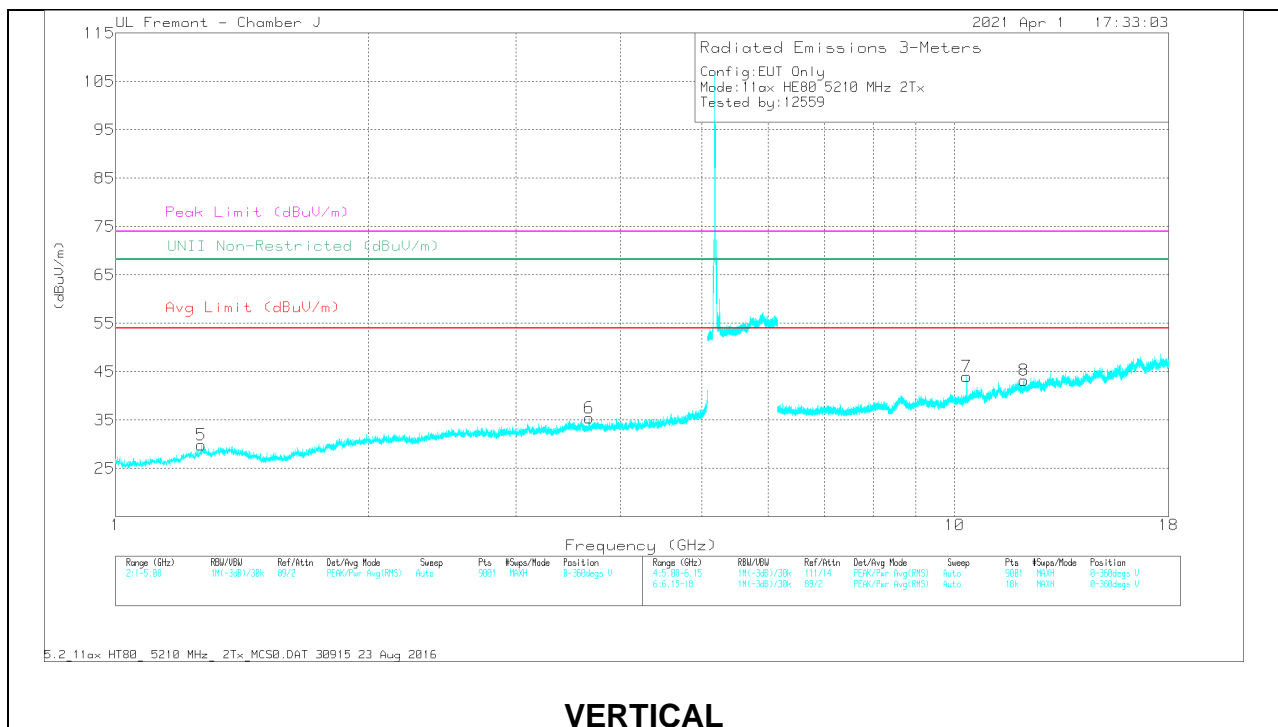
BE 5-5.2GHz - V.TST 30915 29 Dec 2015
Rev 9.5 06 Mar 2020

HARMONICS AND SPURIOUS EMISSIONS (11ax HE80 5210 2TX RU26)

MID CHANNEL RESULTS



HORIZONTAL



VERTICAL

RADIATED EMISSIONS

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF PRE010 0034 (dB/m)	Amp/Cb I/Fitr/Paid (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	* 1.27744	45.49	PK-U	29.7	-35.5	39.69	-	-	74	-34.31	-	-	110	101	H
	* 1.27882	33.46	ADR	29.7	-35.5	27.66	54	-26.34	-	-	-	-	110	101	H
2	* 4.14641	42.13	PK-U	33.6	-30.9	44.83	-	-	74	-29.17	-	-	155	101	H
	* 4.14607	30.5	ADR	33.5	-30.9	33.1	54	-20.9	-	-	-	-	155	101	H
5	* 1.26553	44.94	PK-U	29.5	-35.5	38.94	-	-	74	-35.06	-	-	252	200	V
	* 1.26462	33.4	ADR	29.5	-35.5	27.4	54	-26.6	-	-	-	-	252	200	V
6	* 3.6719	43.71	PK-U	33.5	-33	44.21	-	-	74	-29.79	-	-	175	101	V
	* 3.6713	32.01	ADR	33.5	-33	32.51	54	-21.49	-	-	-	-	175	101	V
3	10.34466	41.74	PK-U	37.8	-24.5	55.04	-	-	-	-	68.2	-13.16	252	238	H
	10.34443	32.25	ADR	37.8	-24.5	45.55	-	-	-	-	-	-	252	238	H
4	* 11.8673	36.15	PK-U	38.9	-22.2	52.85	-	-	74	-21.15	-	-	200	101	H
	* 11.8665	24.15	ADR	38.9	-22.2	40.85	54	-13.15	-	-	-	-	200	101	H
7	10.34365	39.77	PK-U	37.8	-24.5	53.07	-	-	-	-	68.2	-15.13	239	115	V
	10.34385	29.6	ADR	37.8	-24.5	42.9	-	-	-	-	-	-	239	115	V
8	*12.09836	35.37	PK-U	39.1	-21.8	52.67	-	-	74	-21.33	-	-	300	200	V
	* 12.0969	23.43	ADR	39.1	-21.8	40.73	54	-13.27	-	-	-	-	300	200	V

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

PK-U - U-NII: Maximum Peak

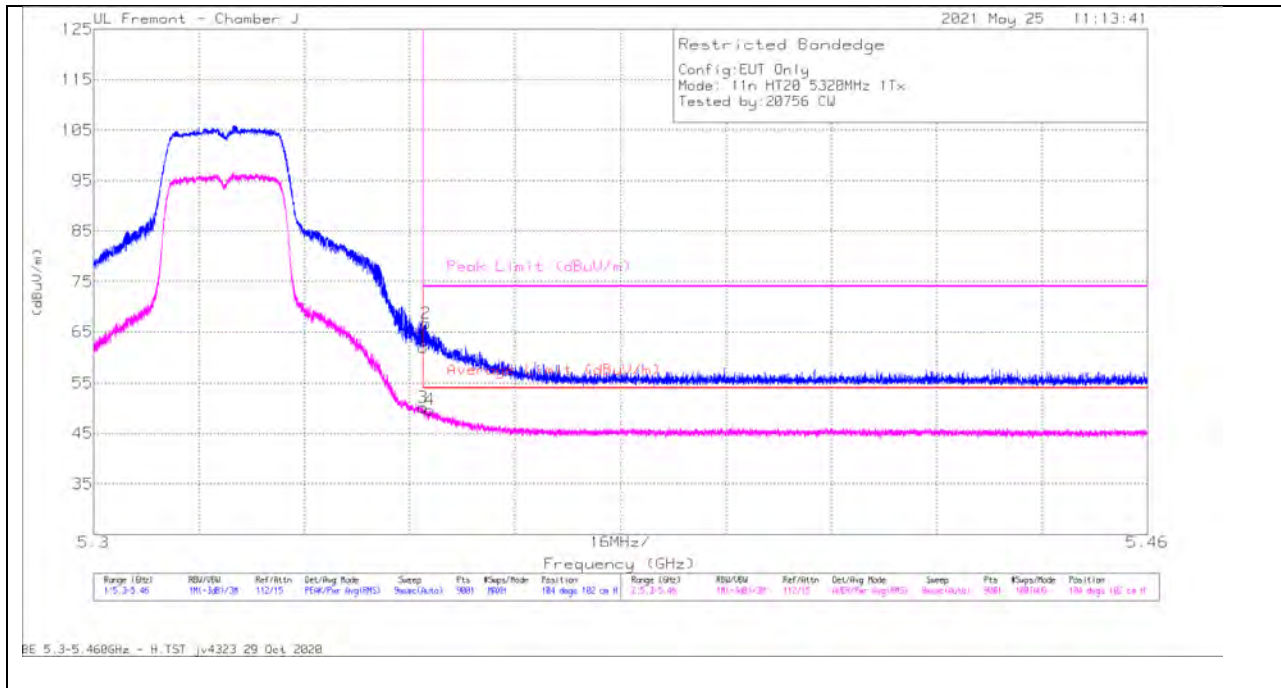
ADR - U-NII AD primary method, RMS average

1.1.7. TX ABOVE 1 GHz 802.11n HT20 MODE IN THE 5.3 GHz BAND

1TX ANT 6

BANDEDGE (HIGH CHANNEL)

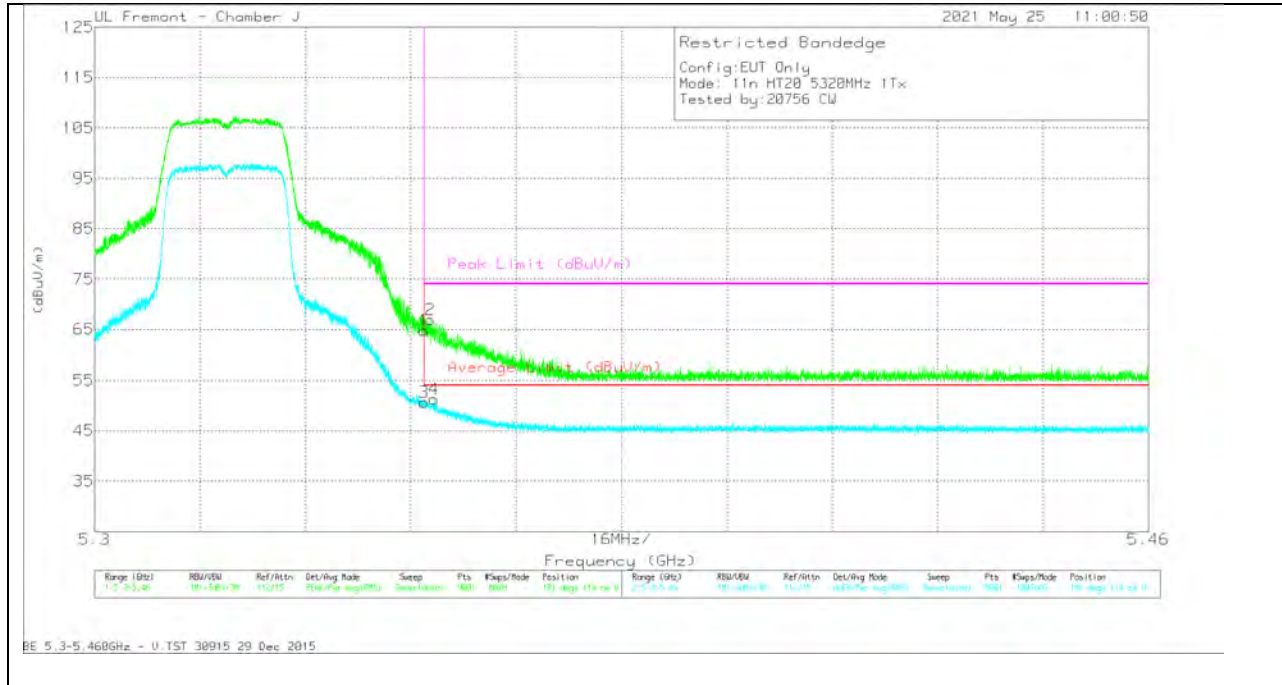
HORIZONTAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF PRE010 0034 (dB/m)	Amp/Cb I/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	* 5.35001	47.95	Pk	34.5	-20.4	0	62.05	-	-	74	-11.95	104	102	H
2	* 5.35047	52.62	Pk	34.5	-20.4	0	66.72	-	-	74	-7.28	104	102	H
3	* 5.35001	35.67	RMS	34.5	-20.4	.40	50.17	54	-3.83	-	-	104	102	H
4	* 5.35102	35.24	RMS	34.5	-20.4	.40	49.74	54	-4.26	-	-	104	102	H

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

VERTICAL RESULT



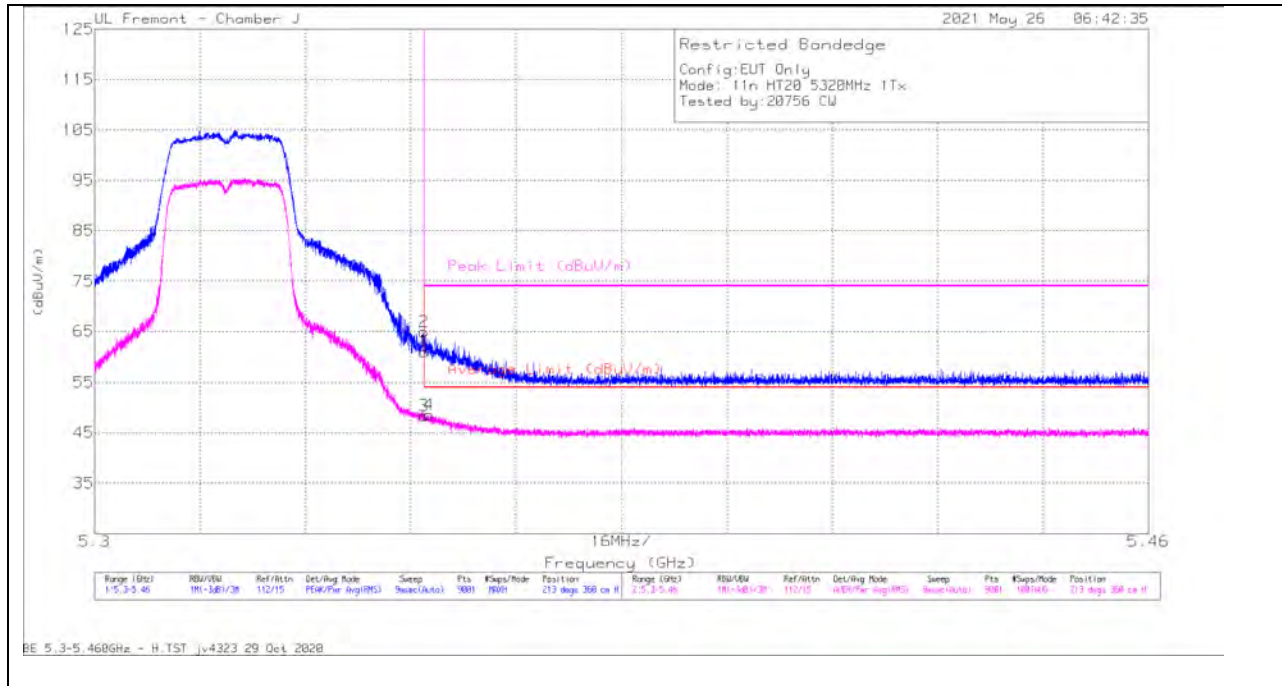
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF PRE010 0034 (dB/m)	Amp/Cb I/Filtr/PA d (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 5.35001	50.75	Pk	34.5	-20.4	0	64.85	-	-	74	-9.15	181	114	V
2	* 5.35092	52.81	Pk	34.5	-20.4	0	66.91	-	-	74	-7.09	181	114	V
3	* 5.35001	36.23	RMS	34.5	-20.4	.40	50.73	54	-3.27	-	-	181	114	V
4	* 5.3515	36.81	RMS	34.5	-20.4	.40	51.31	54	-2.69	-	-	181	114	V

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

1TX ANT 5

BANEDGE (HIGH CHANNEL)

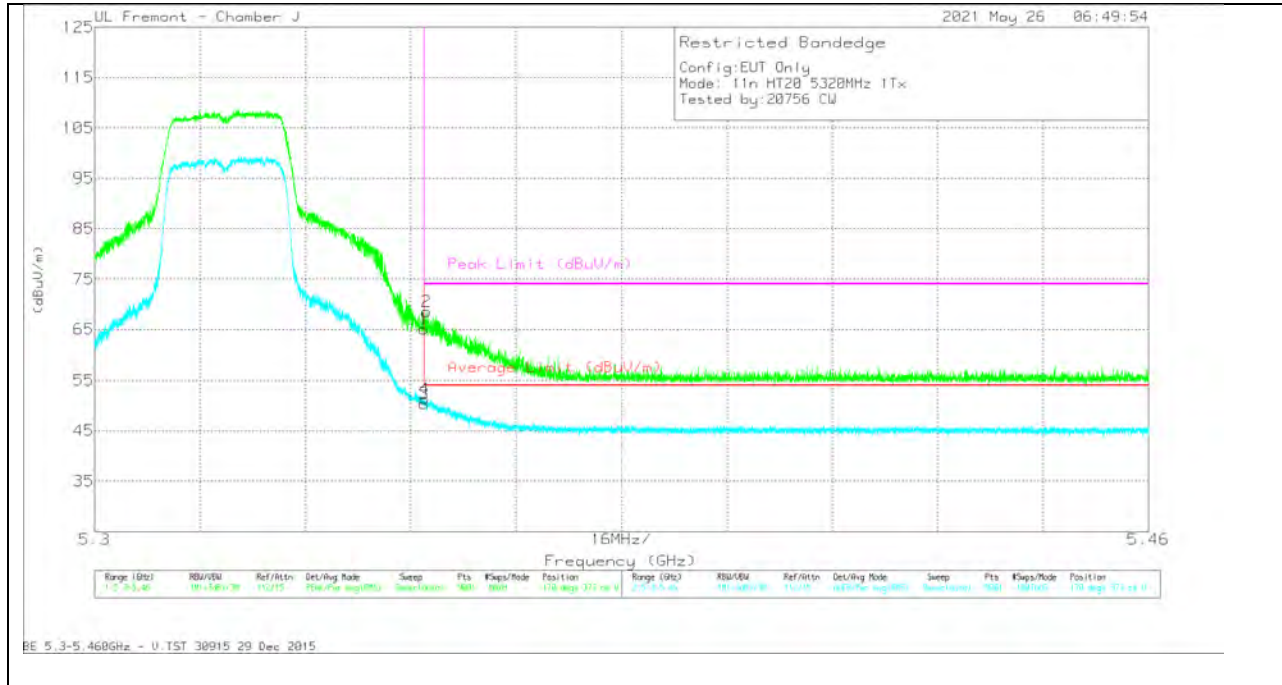
HORIZONTAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF PRE010 0034 (dB/m)	Amp/Cb I/Ftr/Paid (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	* 5.35001	47.01	Pk	34.5	-20.4	0	61.11	-	-	74	-12.89	213	360	H
2	* 5.35003	50.83	Pk	34.5	-20.4	0	64.93	-	-	74	-9.07	213	360	H
3	* 5.35001	33.96	RMS	34.5	-20.4	.40	48.46	54	-5.54	-	-	213	360	H
4	* 5.35072	34.07	RMS	34.5	-20.4	.40	48.57	54	-5.43	-	-	213	360	H

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

VERTICAL RESULT



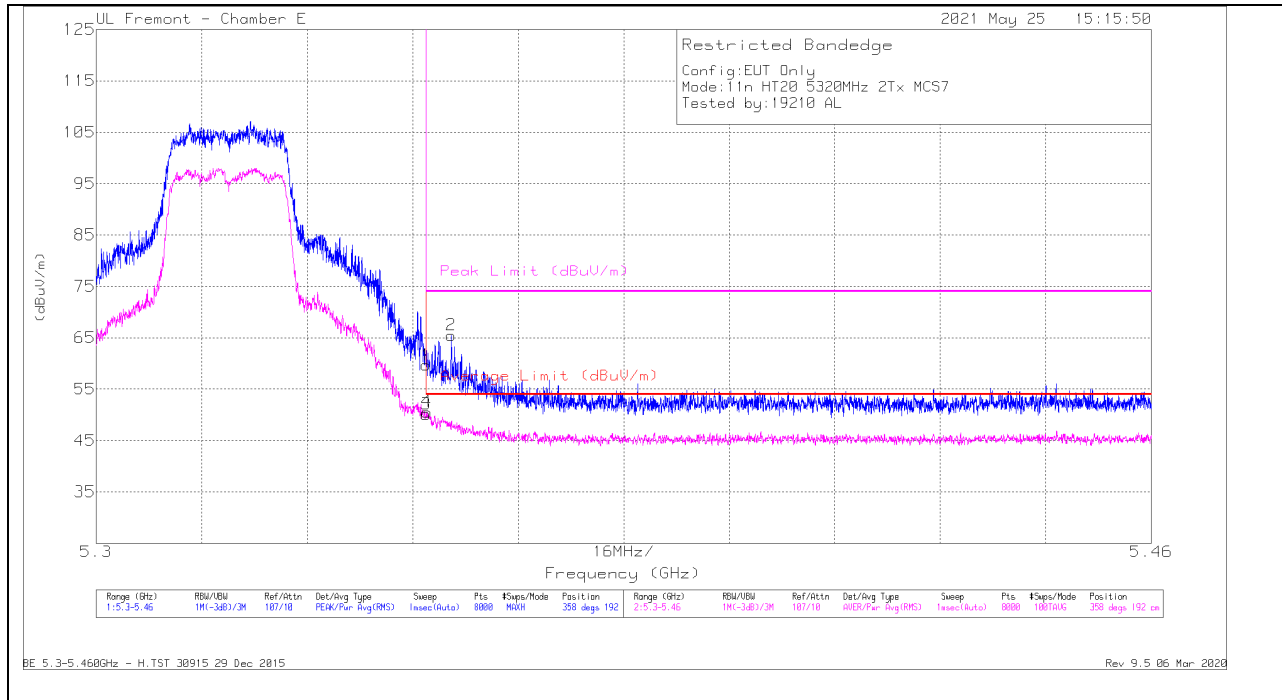
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF PRE010 0034 (dB/m)	Amp/Cb I/Filtr/PA d (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 5.35001	51.02	Pk	34.5	-20.4	0	65.12	-	-	74	-8.88	170	373	V
2	* 5.35037	54.46	Pk	34.5	-20.4	0	68.56	-	-	74	-5.44	170	373	V
3	* 5.35001	35.85	RMS	34.5	-20.4	.40	50.35	54	-3.65	-	-	170	373	V
4	* 5.35013	36.8	RMS	34.5	-20.4	.40	51.30	54	-2.70	-	-	170	373	V

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

2TX ANT 6 + ANT 5 CDD MODE

BANDEDGE (HIGH CHANNEL)

HORIZONTAL RESULT

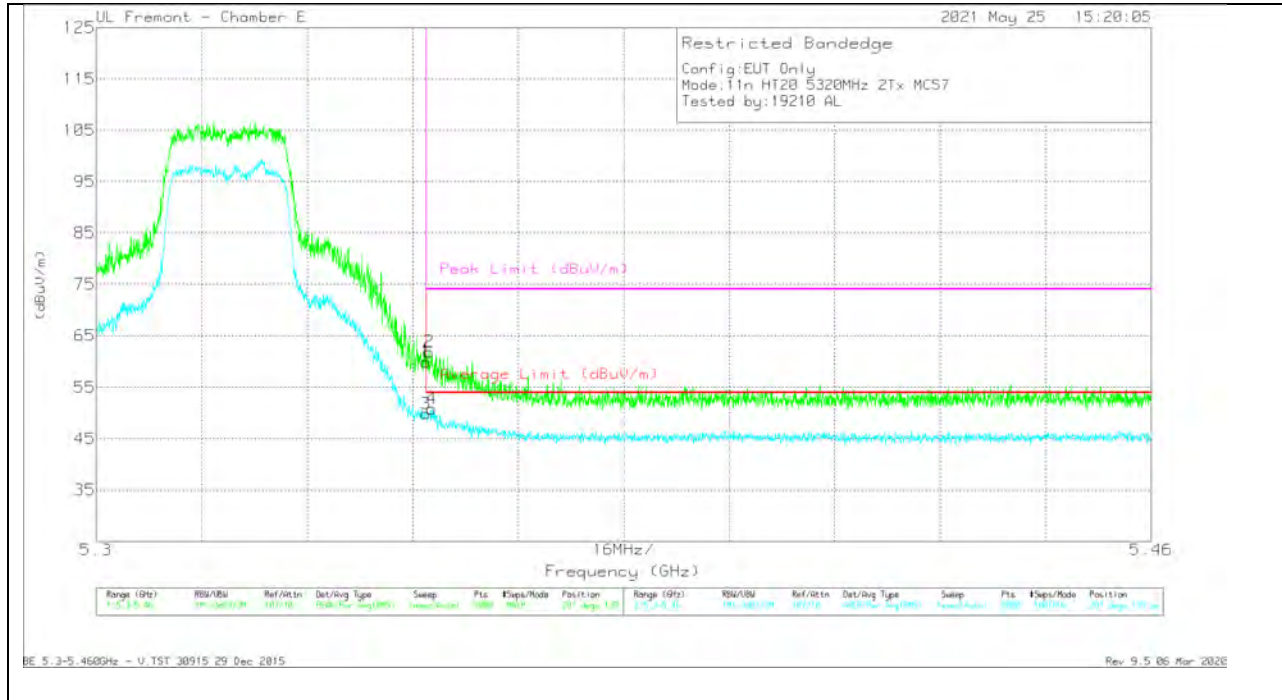


Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF PRE007 8107 (dB/m)	Amp/Cb I/Filtr/PA d (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 5.35001	45.68	Pk	34.7	-20.7	0	59.68	-	-	74	-14.32	358	192	H
2	* 5.35383	51.5	Pk	34.7	-20.7	0	65.5	-	-	74	-8.5	358	192	H
3	* 5.35001	35.5	RMS	34.7	-20.7	.39	49.89	54	-4.11	-	-	358	192	H
4	* 5.35015	35.96	RMS	34.7	-20.7	.39	50.35	54	-3.65	-	-	358	192	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 06 Mar 2020

VERTICAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF PRE007 8107 (dB/m)	Amp/Cb I/Filtr/PA d (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	* 5.35001	45.96	Pk	34.7	-20.7	0	59.96	-	-	74	-14.04	281	139	V
2	* 5.35045	47.9	Pk	34.7	-20.7	0	61.9	-	-	74	-12.1	281	139	V
3	* 5.35001	35.28	RMS	34.7	-20.7	.39	49.67	54	-4.33	-	-	281	139	V
4	* 5.35085	36.24	RMS	34.7	-20.7	.39	50.63	54	-3.37	-	-	281	139	V

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

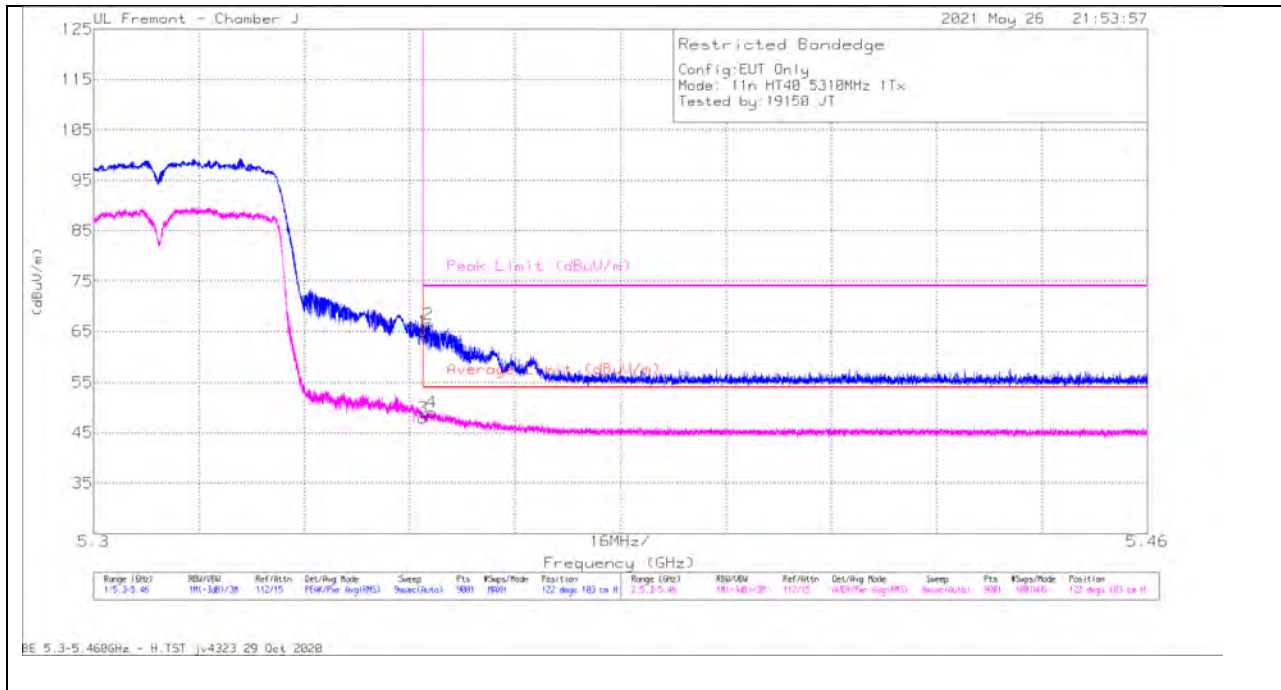
BE 5.3-5.460GHz - V.TST 30915 29 Dec 2015
Rev 9.5 06 Mar 2020

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

1TX ANT 6

BANDEDGE (HIGH CHANNEL)

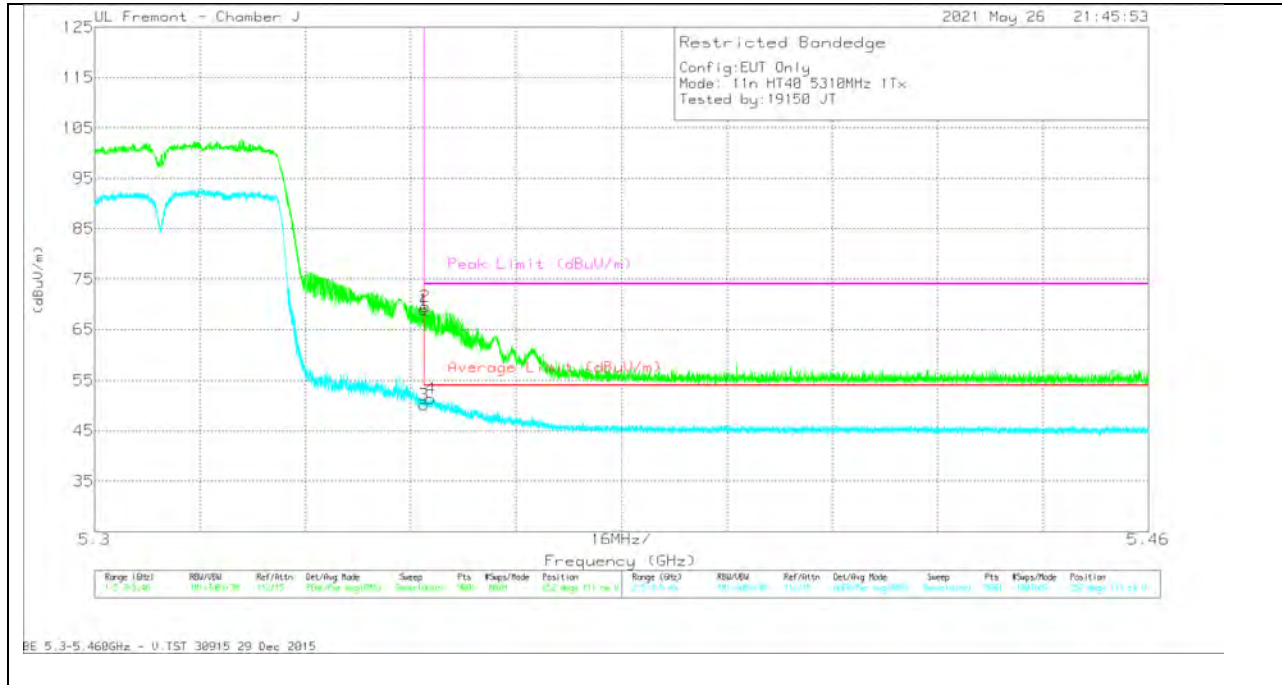
HORIZONTAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF PRE010 0034 (dB/m)	Amp/Cbl /Ftr/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	* 5.35001	50.82	Pk	34.5	-20.4	0	64.92	-	-	74	-9.08	122	103	H
2	* 5.35083	52.35	Pk	34.5	-20.4	0	66.45	-	-	74	-7.55	122	103	H
3	* 5.35001	33.19	RMS	34.5	-20.4	.62	47.91	54	-6.09	-	-	122	103	H
4	* 5.35133	34.33	RMS	34.5	-20.4	.62	49.05	54	-4.95	-	-	122	103	H

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

VERTICAL RESULT



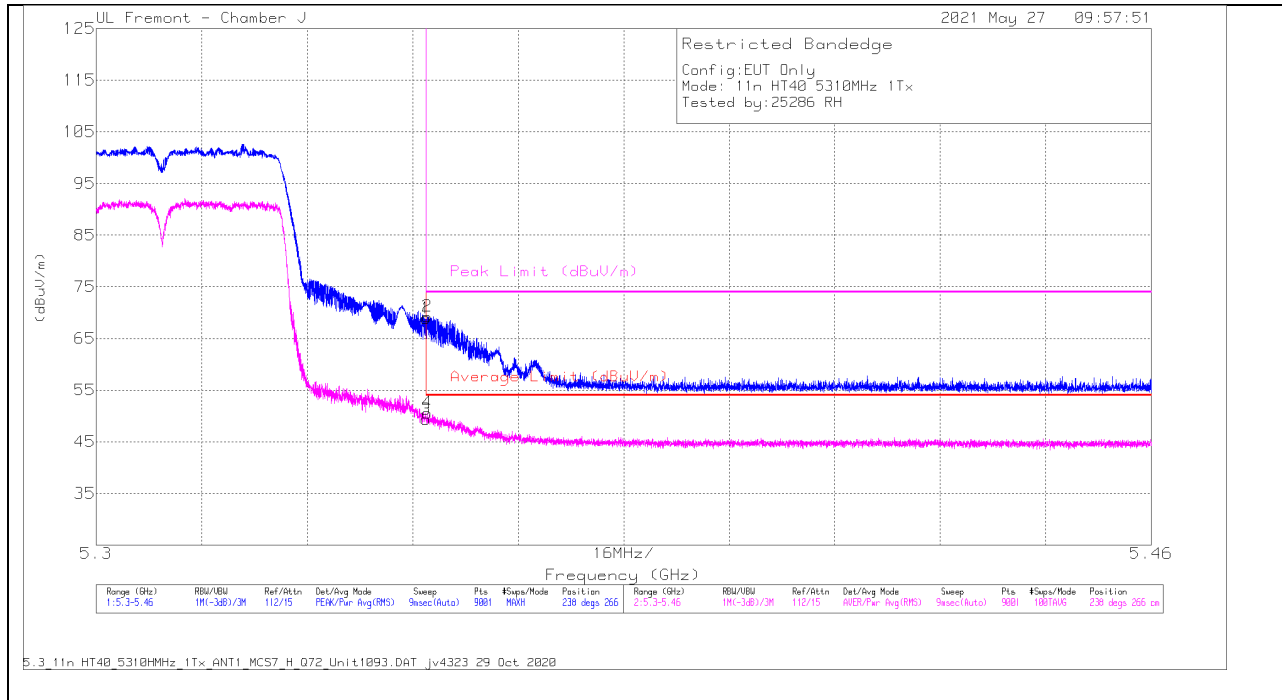
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF PRE010 0034 (dB/m)	Amp/Cb I/Filtr/Paid (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 5.35001	54.8	Pk	34.5	-20.4	0	68.9	-	-	74	-5.1	252	111	V
2	* 5.35017	55.39	Pk	34.5	-20.4	0	69.49	-	-	74	-4.51	252	111	V
3	* 5.35001	35.41	RMS	34.5	-20.4	.62	50.13	54	-3.87	-	-	252	111	V
4	* 5.35101	36.61	RMS	34.5	-20.4	.62	51.33	54	-2.67	-	-	252	111	V

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

1TX ANT 5

BANDEDGE (HIGH CHANNEL)

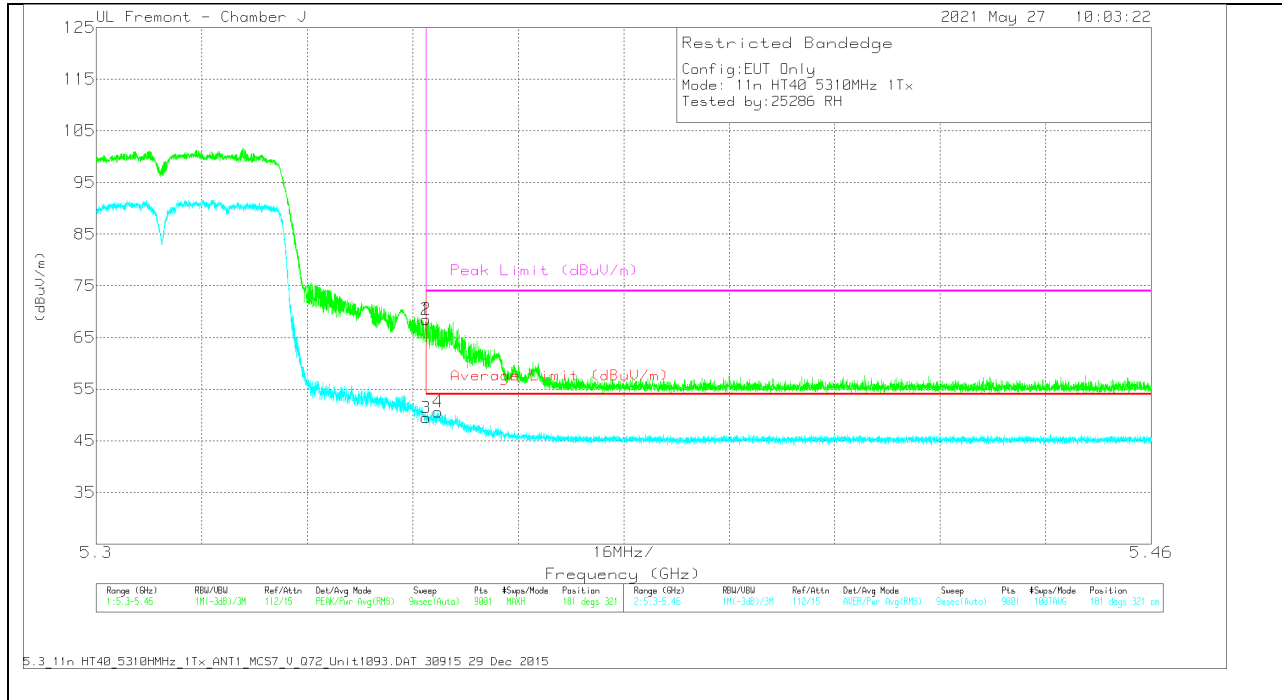
HORIZONTAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF PRE010 0034 (dB/m)	Amp/Cb I/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	* 5.35001	54.82	Pk	34.5	-20.4	0	68.92	-	-	74	-5.08	238	266	H
2	* 5.35021	55.15	Pk	34.5	-20.4	0	69.25	-	-	74	-4.75	238	266	H
3	* 5.35001	34.6	RMS	34.5	-20.4	.62	49.32	54	-4.68	-	-	238	266	H
4	* 5.35022	35.87	RMS	34.5	-20.4	.62	50.59	54	-3.41	-	-	238	266	H

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

VERTICAL RESULT



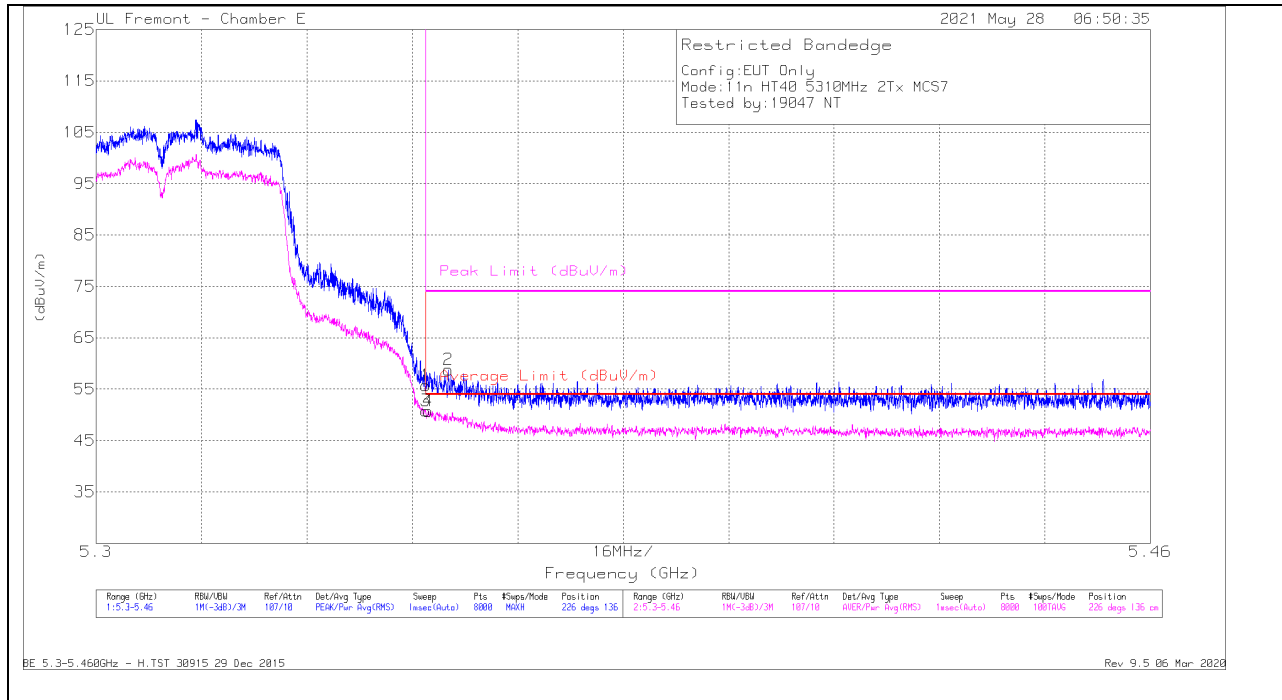
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF PRE010 0034 (dB/m)	Amp/Cb I/Filtr/Paid (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 5.35001	54.34	Pk	34.5	-20.4	0	68.44	-	-	74	-5.56	181	321	V
2	* 5.35003	54.39	Pk	34.5	-20.4	0	68.49	-	-	74	-5.51	181	321	V
3	* 5.35001	34.75	RMS	34.5	-20.4	.62	49.47	54	-4.53	-	-	181	321	V
4	* 5.35181	35.86	RMS	34.5	-20.4	.62	50.58	54	-3.42	-	-	181	321	V

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

2TX ANT 6 + ANT 5 CDD MODE

BANDEDGE (HIGH CHANNEL)

HORIZONTAL RESULT

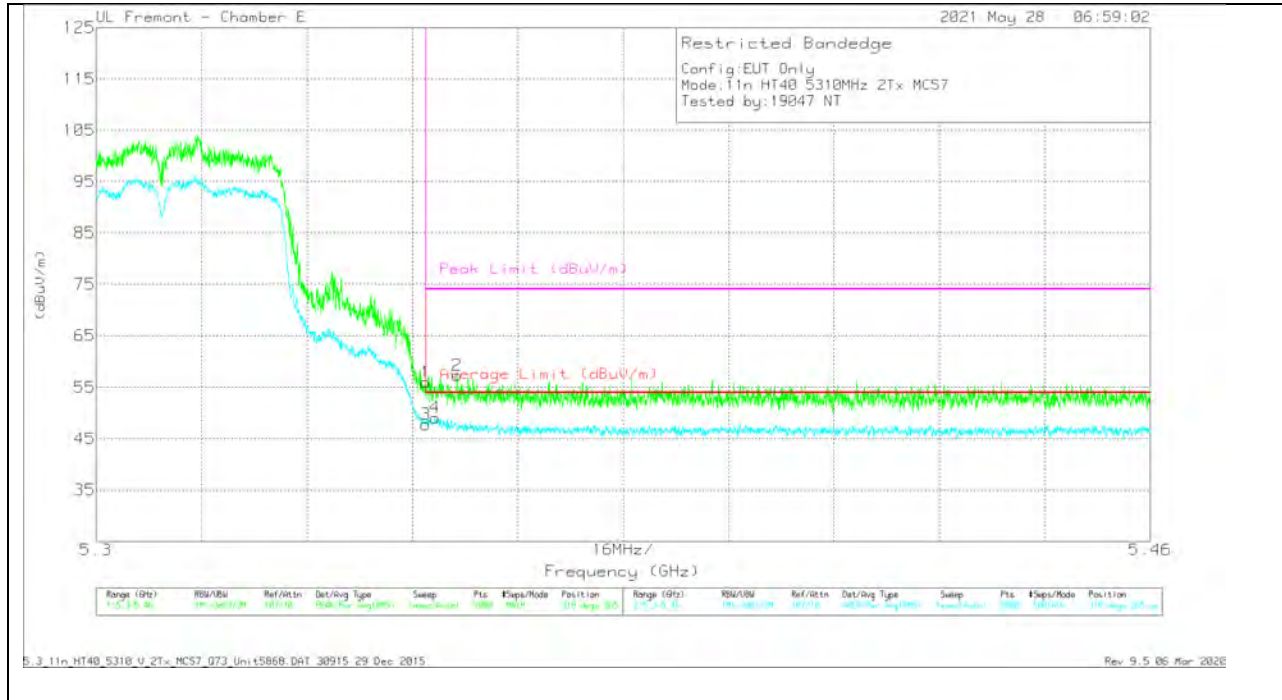


Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF PRE007 8107 (dB/m)	Amp/Cb I/Filtr/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 5.35001	41.73	Pk	34.7	-20.7	0	55.73	-	-	74	-18.27	226	136	H
3	* 5.35001	35.94	RMS	34.7	-20.7	.62	50.56	54	-3.44	-	-	226	136	H
4	* 5.35043	35.86	RMS	34.7	-20.7	.62	50.48	54	-3.52	-	-	226	136	H
2	* 5.35345	44.79	Pk	34.7	-20.7	0	58.79	-	-	74	-15.21	226	136	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 06 Mar 2020

VERTICAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF PRE007 8107 (dB/m)	Amp/Cb I/Filtr/Paid (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	* 5.35001	42	Pk	34.7	-20.7	0	56	-	-	74	-18	318	265	V
3	* 5.35001	32.91	RMS	34.7	-20.7	.62	47.53	54	-6.47	-	-	318	265	V
4	* 5.35147	34.23	RMS	34.7	-20.7	.62	48.85	54	-5.15	-	-	318	265	V
2	* 5.35477	43.37	Pk	34.7	-20.7	0	57.37	-	-	74	-16.63	318	265	V

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

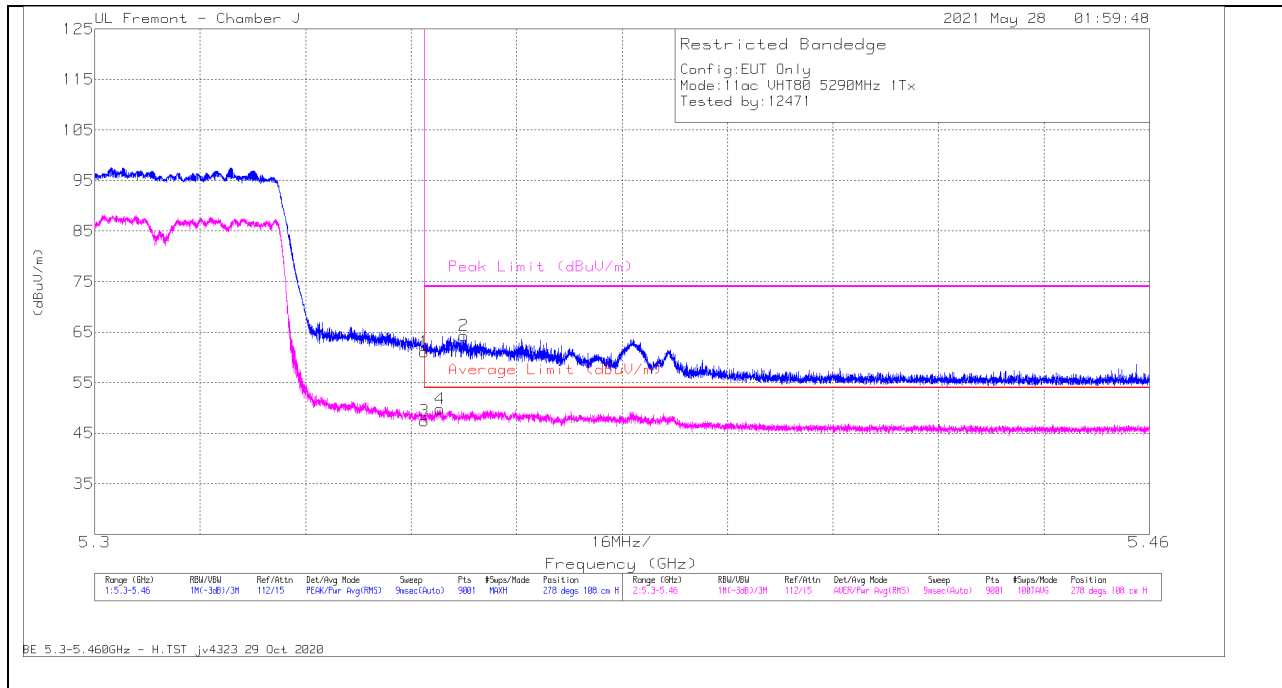
5.3_11n_HT40_5310_V_2Tx_MCS7_Q73_Unit5868.DAT 30915 29 Dec 2015
Rev 9.5 06 Mar 2020

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

1TX ANT 6

BANDEDGE (MID CHANNEL)

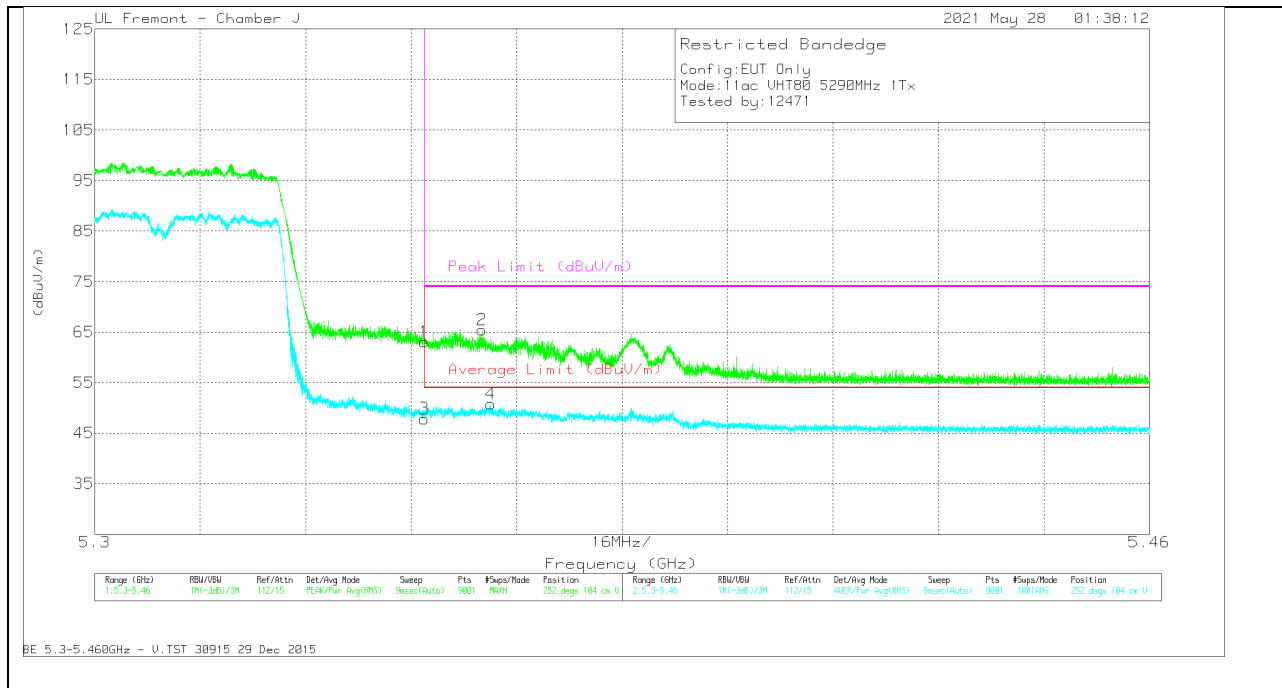
HORIZONTAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF PRE010 0034 (dB/m)	Amp/Cb I/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	* 5.35001	47.02	Pk	34.5	-20.4	0	61.12	-	-	74	-12.88	278	108	H
2	* 5.35597	50.11	Pk	34.6	-20.4	0	64.31	-	-	74	-9.69	278	108	H
3	* 5.35001	32.23	RMS	34.5	-20.4	1.06	47.39	54	-6.61	-	-	278	108	H
4	* 5.35236	34.54	RMS	34.5	-20.4	1.06	49.70	54	-4.30	-	-	278	108	H

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

VERTICAL RESULT



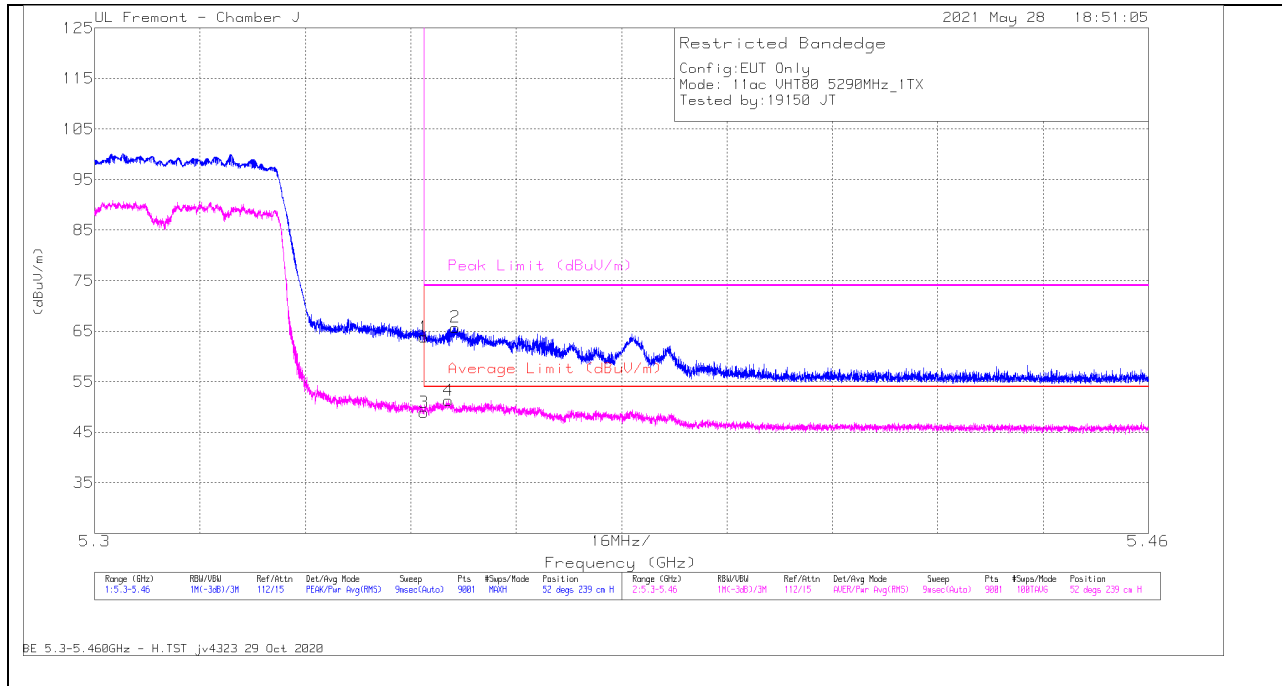
Marker	Frequenc y (GHz)	Meter Reading (dBuV)	Det	AF PRE010 0034 (dB/m)	Amp/Cbl /Ftr/Pad (dB)	DC Corr (dB)	Correcte d Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 5.35001	48.95	Pk	34.5	-20.4	0	63.05	-	-	74	-10.95	252	104	V
2	* 5.35874	51.21	Pk	34.6	-20.4	0	65.41	-	-	74	-8.59	252	104	V
3	* 5.35001	32.67	RMS	34.5	-20.4	1.06	47.83	54	-6.17	-	-	252	104	V
4	* 5.36007	35.48	RMS	34.6	-20.4	1.06	50.74	54	-3.26	-	-	252	104	V

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

1TX ANT 5

BANDEDGE (MID CHANNEL)

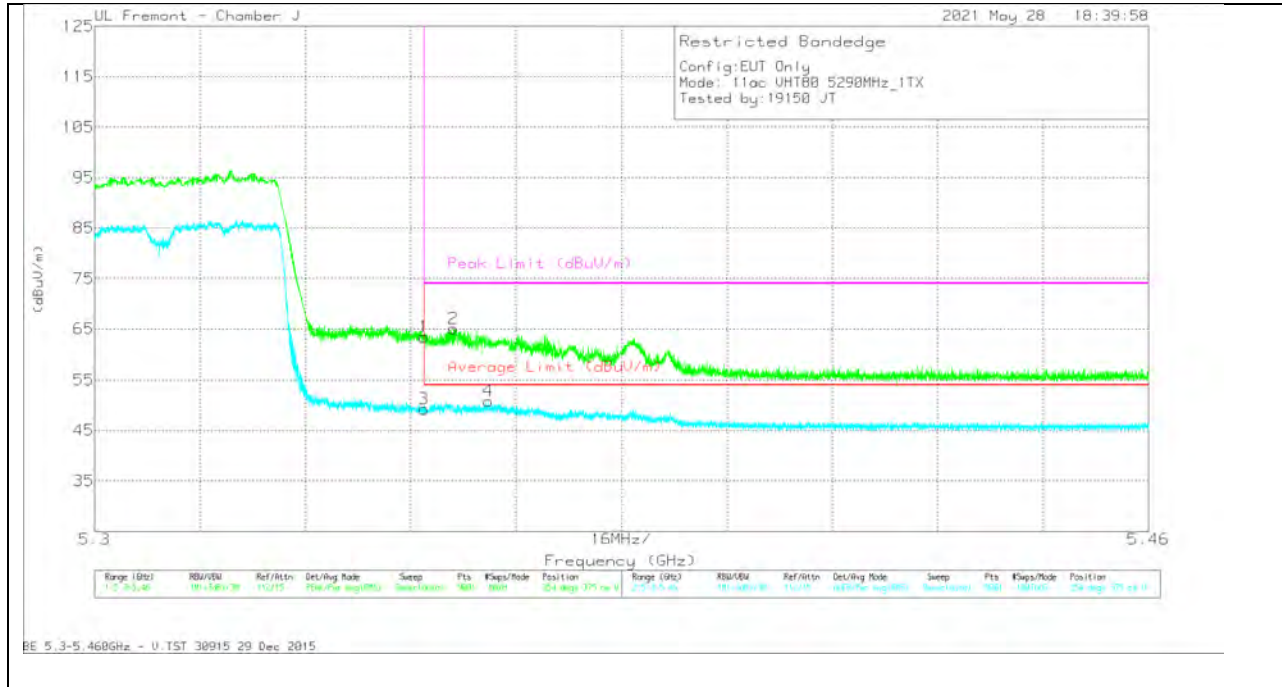
HORIZONTAL RESULT



Marker	Frequenc y (GHz)	Meter Reading (dBuV)	Det	AF PRE010 0034 (dB/m)	Amp/Cbl /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	* 5.35001	49.76	Pk	34.5	-20.4	0	63.86	-	-	74	-10.14	52	239	H
2	* 5.35472	51.65	Pk	34.5	-20.4	0	65.75	-	-	74	-8.25	52	239	H
3	* 5.35001	33.73	RMS	34.5	-20.4	1.06	48.89	54	-5.11	-	-	52	239	H
4	* 5.35369	36.15	RMS	34.5	-20.4	1.06	51.31	54	-2.69	-	-	52	239	H

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

VERTICAL RESULT



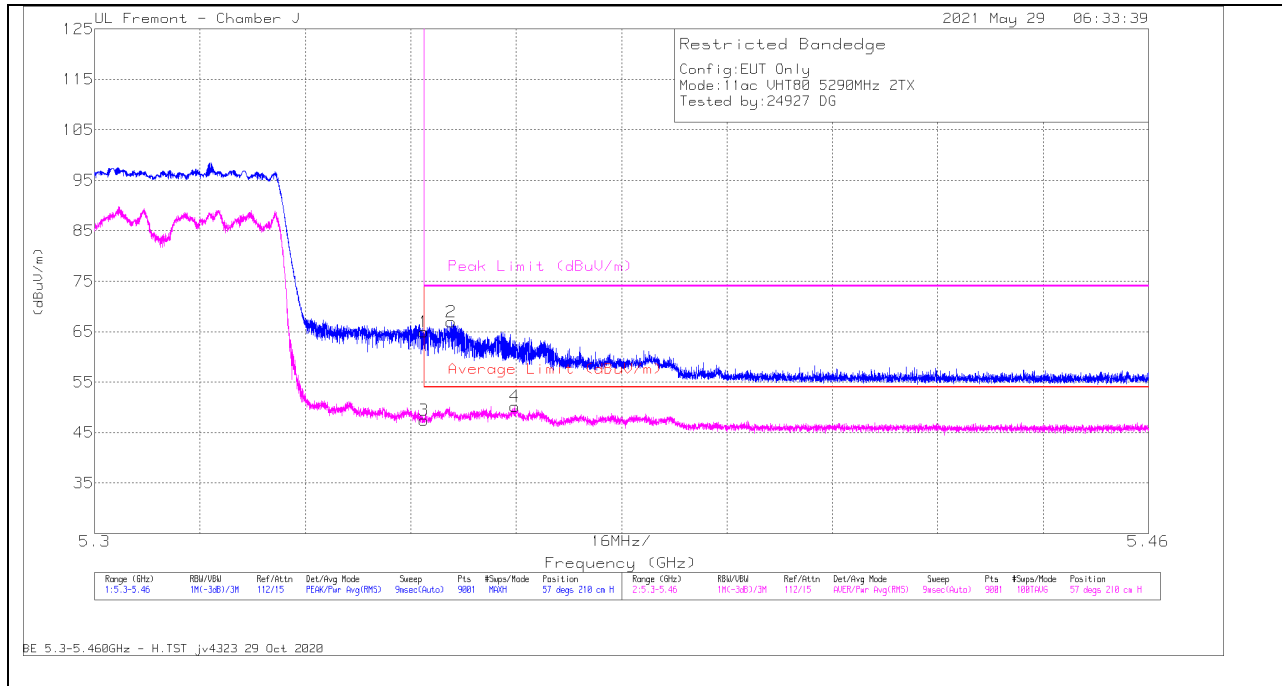
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF PRE010 0034 (dB/m)	Amp/Cbl /Ftr/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 5.35001	49.3	Pk	34.5	-20.4	0	63.4	-	-	74	-10.6	354	375	V
2	* 5.35445	51.01	Pk	34.5	-20.4	0	65.11	-	-	74	-8.89	354	375	V
3	* 5.35001	34.08	RMS	34.5	-20.4	1.06	49.24	54	-4.76	-	-	354	375	V
4	* 5.35982	35.59	RMS	34.6	-20.4	1.06	50.85	54	-3.15	-	-	354	375	V

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

2TX ANT 6 + ANT 5 CDD MODE

BANDEDGE (MID CHANNEL)

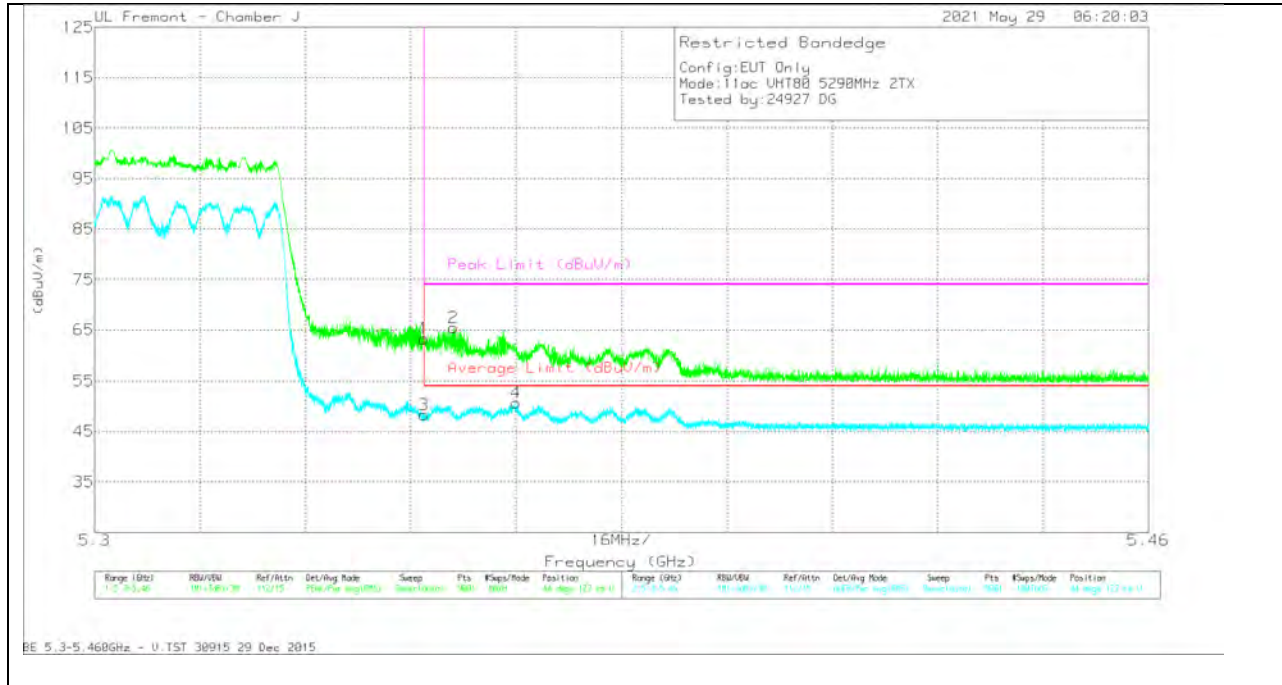
HORIZONTAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF PRE010 0034 (dB/m)	Amp/Cb I/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	* 5.35001	50.8	Pk	34.5	-20.4	0	64.9	-	-	74	-9.1	57	210	H
2	* 5.35413	52.88	Pk	34.5	-20.4	0	66.98	-	-	74	-7.02	57	210	H
3	* 5.35001	32.23	RMS	34.5	-20.4	1.06	47.39	54	-6.61	-	-	57	210	H
4	* 5.36382	34.84	RMS	34.6	-20.4	1.06	50.10	54	-3.90	-	-	57	210	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 PRE0100034 (dB/m)	Amp/Cb I/Filt/Pa d (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	* 5.35001	49.21	Pk	34.5	-20.4	0	63.31	-	-	74	-10.69	44	127	V
2	* 5.35447	51.29	Pk	34.5	-20.4	0	65.39	-	-	74	-8.61	44	127	V
3	* 5.35001	33.08	RMS	34.5	-20.4	1.06	48.24	54	-5.76	-	-	44	127	V
4	* 5.364	35.18	RMS	34.6	-20.3	1.06	50.54	54	-3.46	-	-	44	127	V

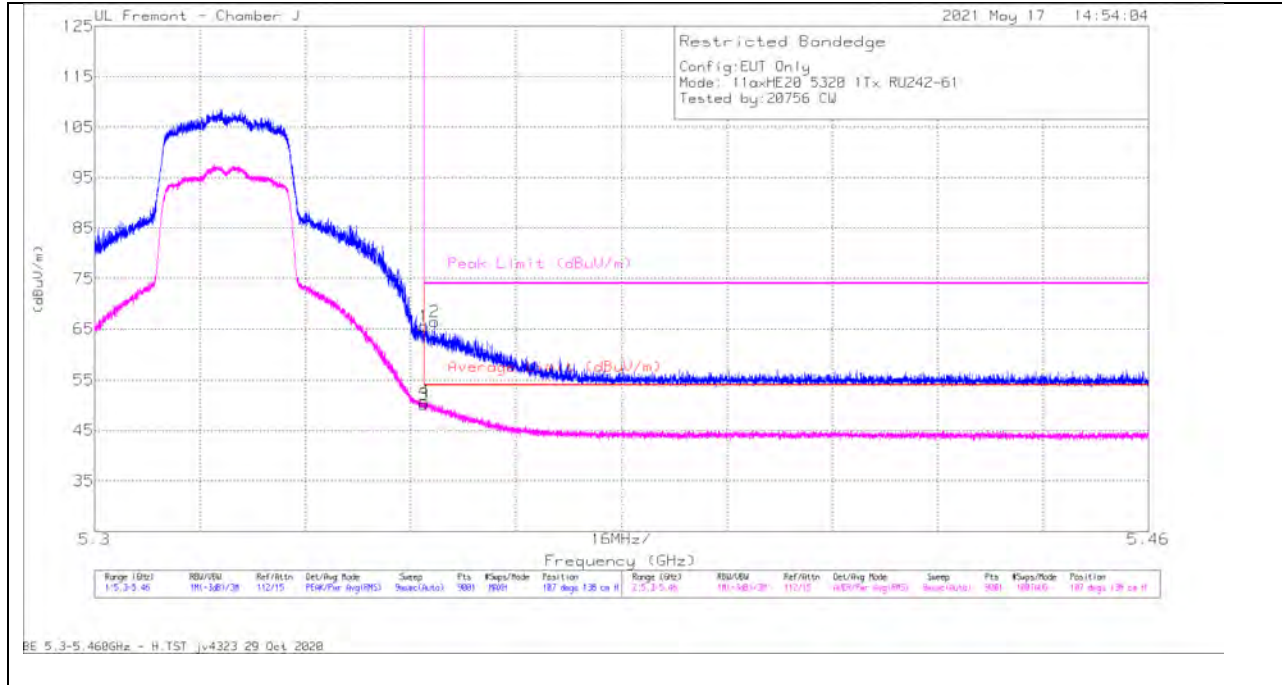
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band
 Pk - Peak detector
 RMS - RMS detection

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

1TX ANT 6 – 242 Tones, RU Index 61

BANDEDGE (HIGH CHANNEL)

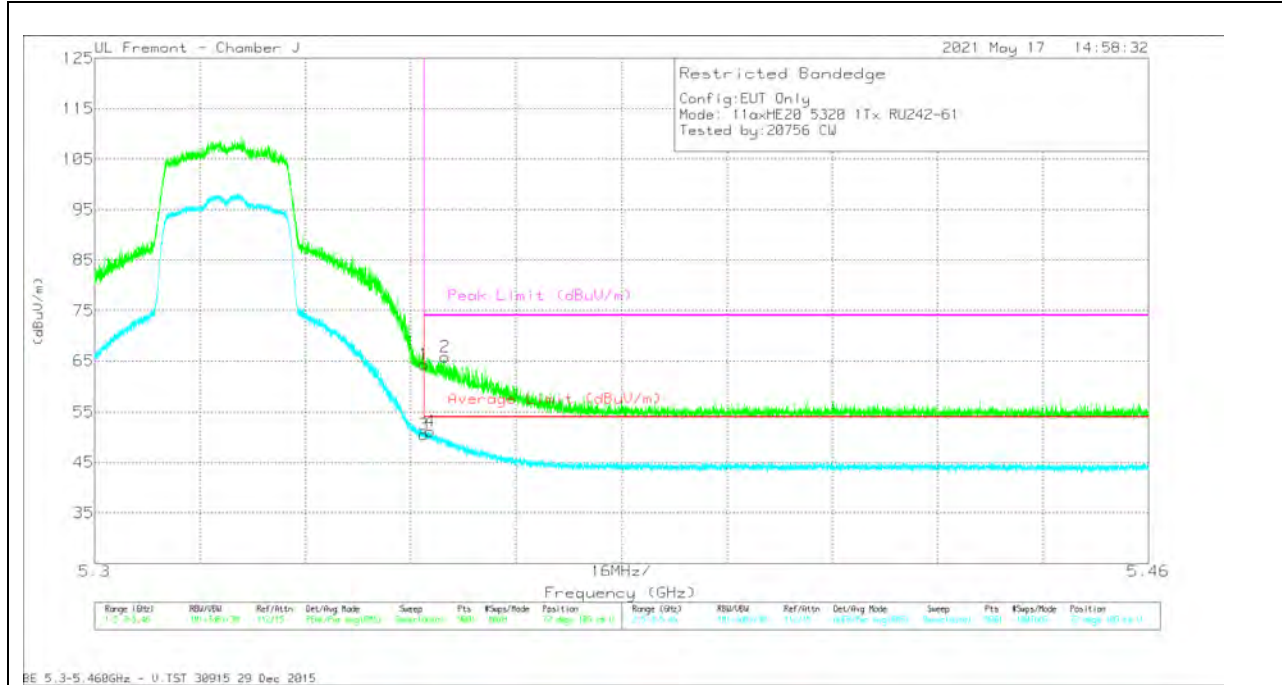
HORIZONTAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF PRE0100 034 (dB/m)	Amp/Cb/ Filt/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	* 5.35001	51.49	PK	34.5	-20.4	65.59	-	-	74	-8.41	107	138	H
2	* 5.35157	52.35	PK	34.5	-20.4	66.45	-	-	74	-7.55	107	138	H
3	* 5.35001	36.12	RMS	34.5	-20.4	50.22	54	-3.78	-	-	107	138	H
4	* 5.35005	36.63	RMS	34.5	-20.4	50.73	54	-3.27	-	-	107	138	H

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

VERTICAL RESULT



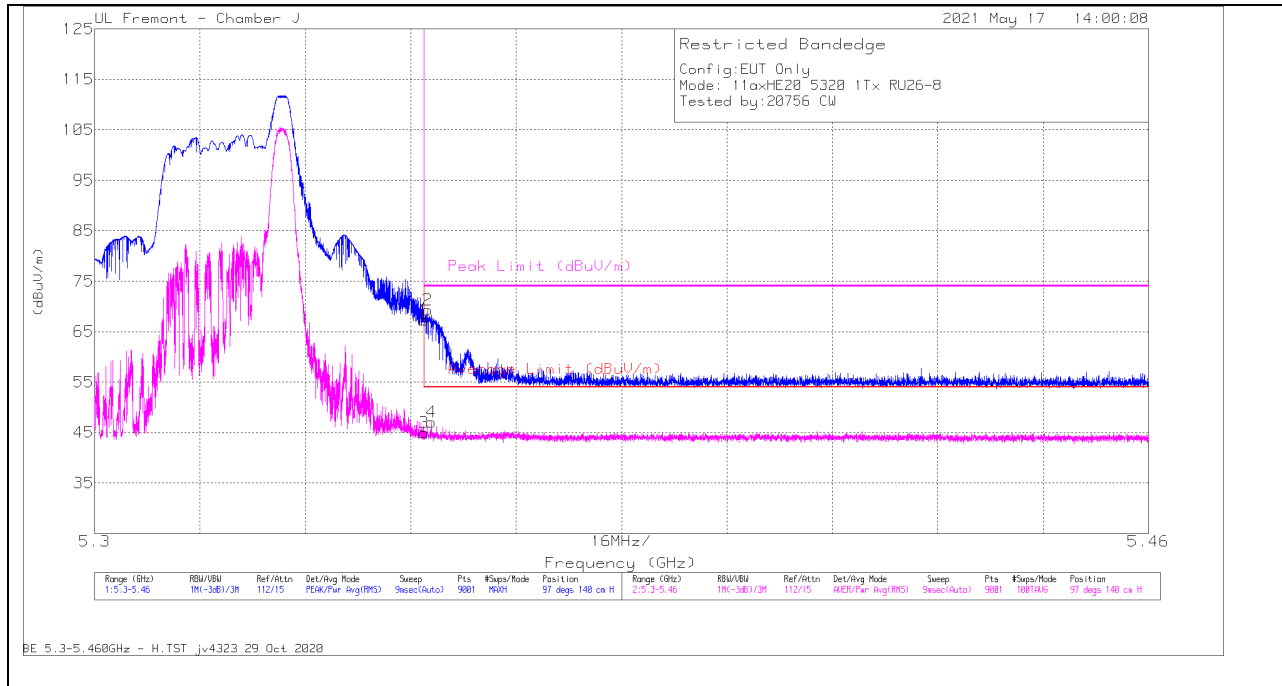
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF PRE0100 034 (dB/m)	Amp/Cb/ Filtr/Pad (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 5.35001	50.17	Pk	34.5	-20.4	64.27	-	-	74	-9.73	72	109	V
2	* 5.35326	51.75	Pk	34.5	-20.4	65.85	-	-	74	-8.15	72	109	V
3	* 5.35001	36.43	RMS	34.5	-20.4	50.53	54	-3.47	-	-	72	109	V
4	* 5.35093	37.05	RMS	34.5	-20.4	51.15	54	-2.85	-	-	72	109	V

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

1TX ANT 6 – 26 Tones, RU Index 8

BANDEGE (HIGH CHANNEL)

HORIZONTAL RESULT



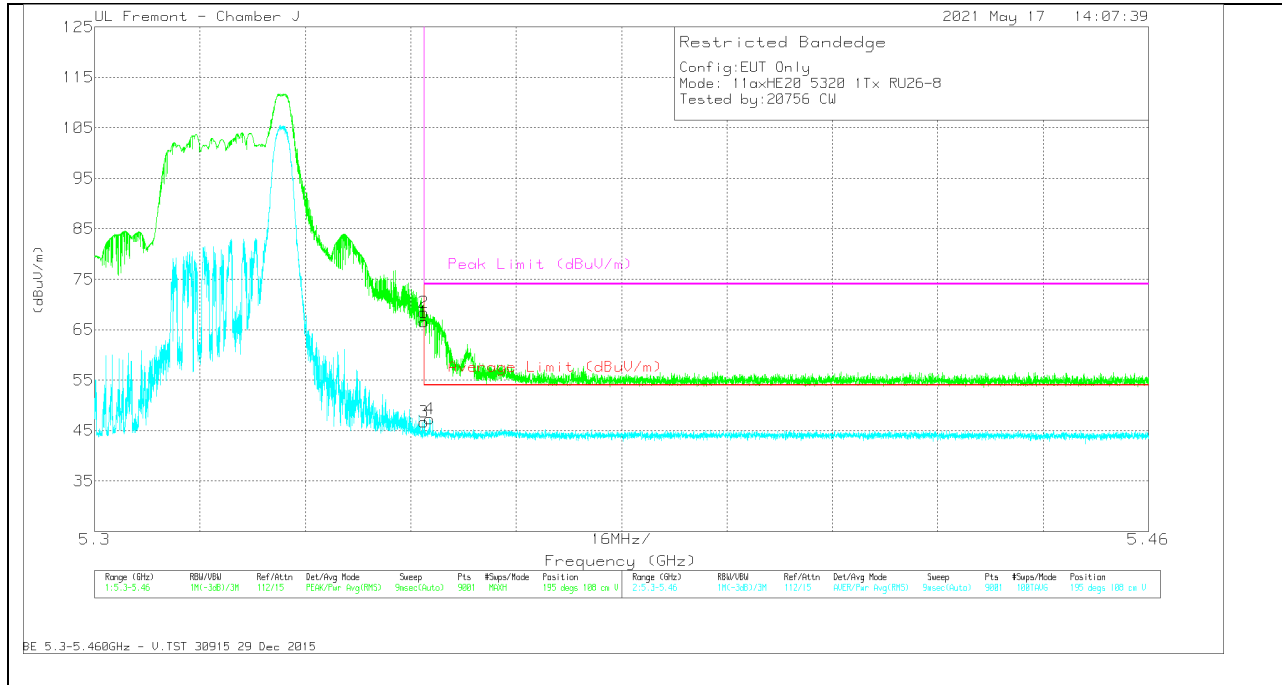
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF PRE0100 034 (dB/m)	Amp/Cb/ Fitr/Pad (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 5.35001	53.16	Pk	34.5	-20.4	67.26	-	-	74	-6.74	97	140	H
2	* 5.3506	55.21	Pk	34.5	-20.4	69.31	-	-	74	-4.69	97	140	H
3	* 5.35001	30.85	RMS	34.5	-20.4	44.95	54	-9.05	-	-	97	140	H
4	* 5.35109	32.93	RMS	34.5	-20.4	47.03	54	-6.97	-	-	97	140	H

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

Pk - Peak detector

RMS - RMS detection

VERTICAL RESULT



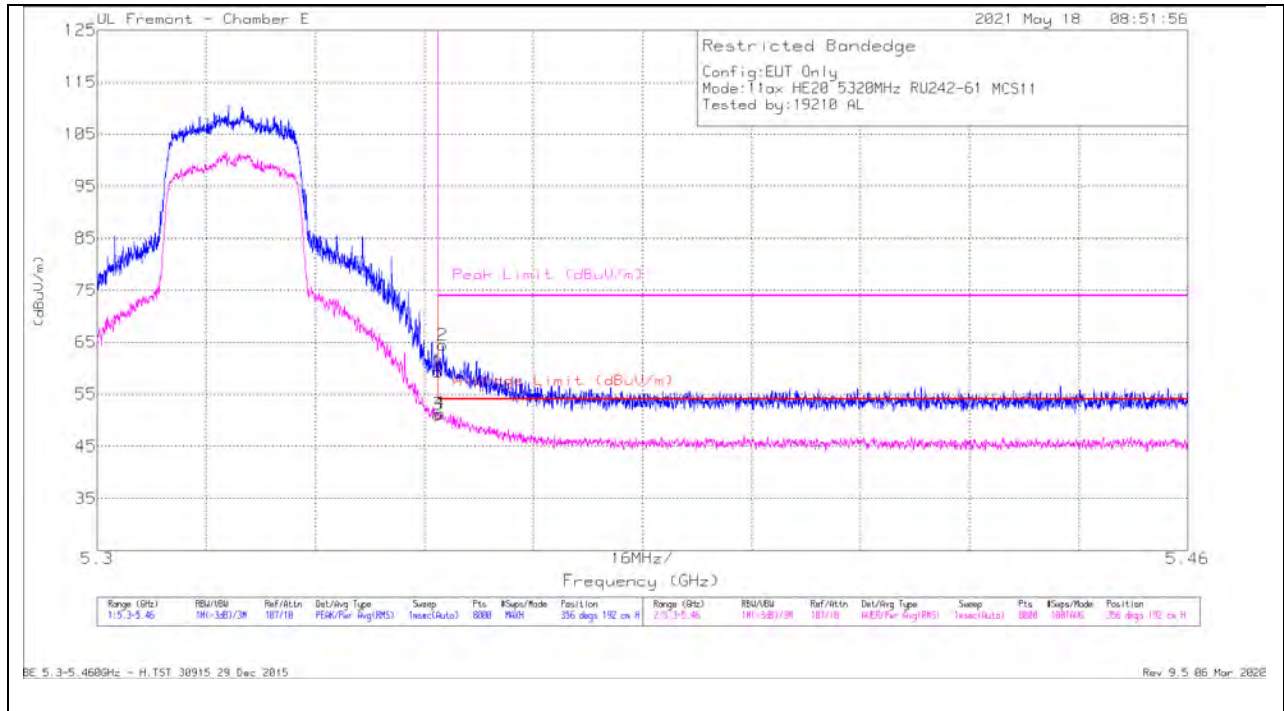
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF PRE0100 034 (dB/m)	Amp/Cb/ Ftr/Pad (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 5.35001	52.51	Pk	34.5	-20.4	66.61	-	-	74	-7.39	195	108	V
2	* 5.35003	54.33	Pk	34.5	-20.4	68.43	-	-	74	-5.57	195	108	V
3	* 5.35001	32.64	RMS	34.5	-20.4	46.74	54	-7.26	-	-	195	108	V
4	* 5.35085	33.21	RMS	34.5	-20.4	47.31	54	-6.69	-	-	195	108	V

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

1TX ANT 5 – 242 Tones, RU Index 61

BANDEDGE (HIGH CHANNEL)

HORIZONTAL RESULT

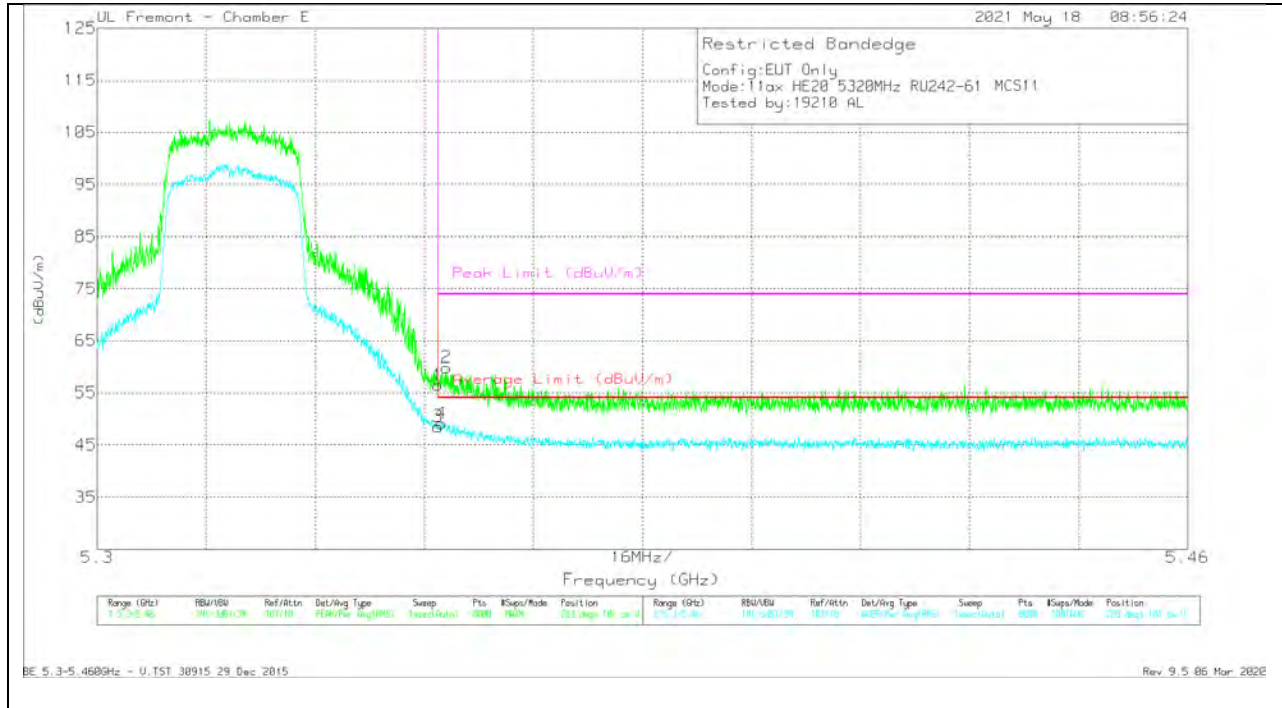


Marker	Frequenc y (GHz)	Meter Reading (dBuV)	Det	AF PRE0078 107 (dB/m)	Amp/Cb/ Filtr/Pad (dB)	Correcte d Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 5.35001	45.38	Pk	34.7	-20.7	59.38	-	-	74	-14.62	356	192	H
3	* 5.35001	37.09	RMS	34.7	-20.7	51.09	54	-2.91	-	-	356	192	H
4	* 5.35031	37.38	RMS	34.7	-20.7	51.38	54	-2.62	-	-	356	192	H
2	* 5.35071	50.41	Pk	34.7	-20.7	64.41	-	-	74	-9.59	356	192	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 06 Mar 2020

VERTICAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF PRE0078 107 (dB/m)	Amp/Cb/ 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	* 5.35001	42.5	Pk	34.7	-20.7	56.5	-	-	74	-17.5	283	101	V
2	* 5.35123	45.89	Pk	34.7	-20.7	59.89	-	-	74	-14.11	283	101	V
3	* 5.35001	34.57	RMS	34.7	-20.7	48.57	54	-5.43	-	-	283	101	V
4	* 5.35051	35.14	RMS	34.7	-20.7	49.14	54	-4.86	-	-	283	101	V

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

Pk - Peak detector

RMS - RMS detection

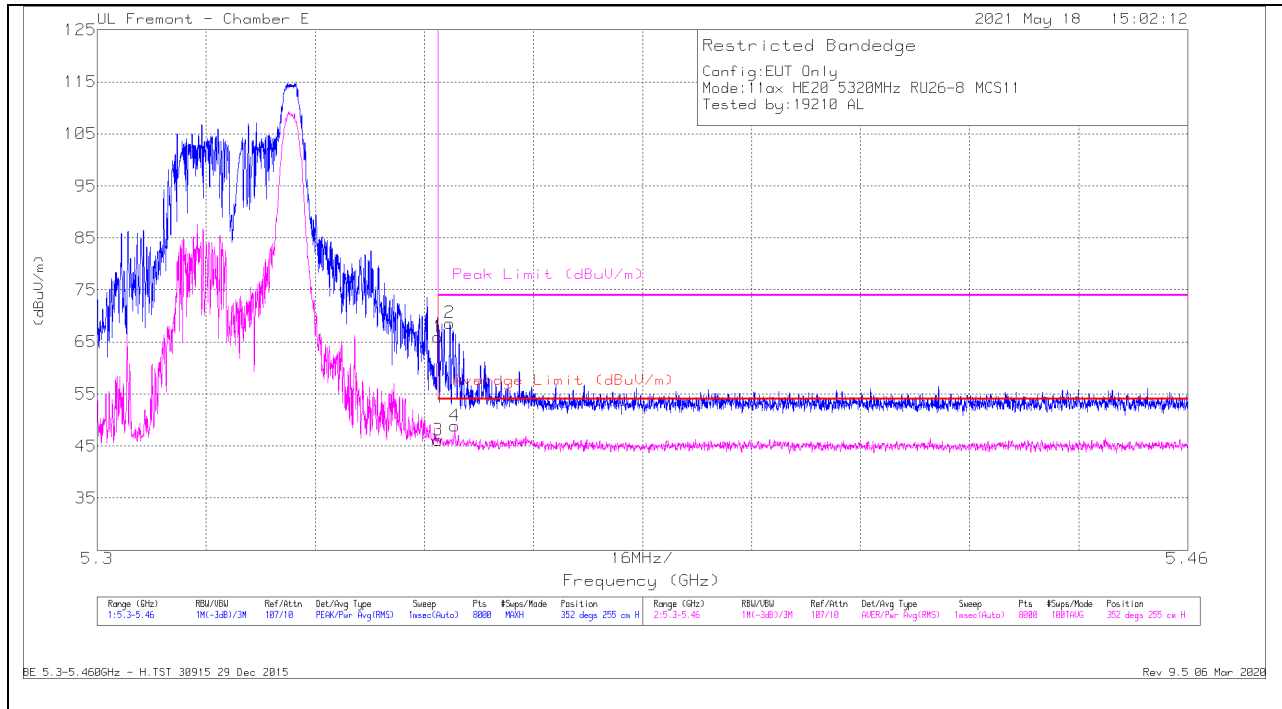
BE 5.3-5.460GHz - V.TST 30915 29 Dec 2015

Rev 9.5 06 Mar 2020

1TX ANT 5 – 26 Tones, RU Index 8

BANDEDGE (HIGH CHANNEL)

HORIZONTAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF PRE0078 107 (dB/m)	Amp/Cb/ Filt/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	* 5.35001	52	Pk	34.7	-20.7	66	-	-	74	-8	352	255	H
3	* 5.35001	32.16	RMS	34.7	-20.7	46.16	54	-7.84	-	-	352	255	H
2	* 5.35175	54.64	Pk	34.7	-20.7	68.64	-	-	74	-5.36	352	255	H
4	* 5.35247	34.91	RMS	34.7	-20.7	48.91	54	-5.09	-	-	352	255	H

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

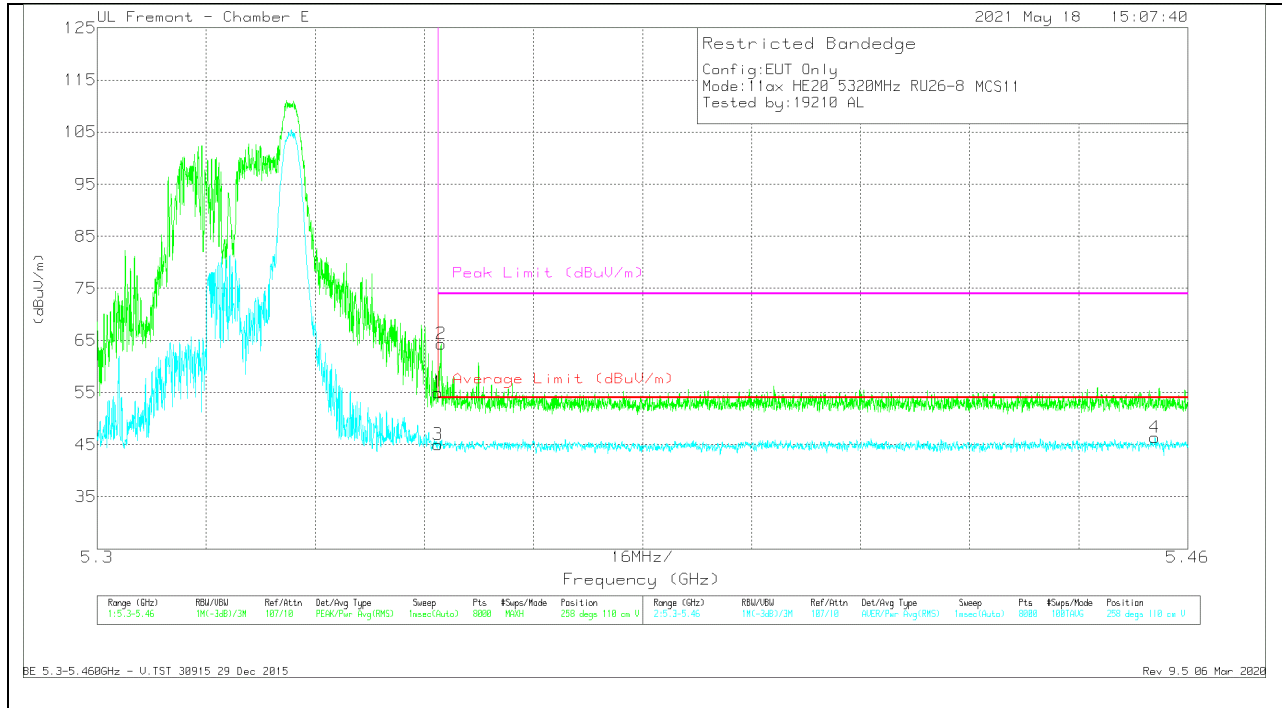
Pk - Peak detector

RMS - RMS detection

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

Rev 9.5 06 Mar 2020

VERTICAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF PRE0078 107 (dB/m)	Amp/Cb/ Ftr/Pad (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 5.35001	40.96	Pk	34.7	-20.7	54.96	-	-	74	-19.04	258	110	V
3	* 5.35001	31.06	RMS	34.7	-20.7	45.06	54	-8.94	-	-	258	110	V
2	* 5.35043	50.37	Pk	34.7	-20.7	64.37	-	-	74	-9.63	258	110	V
4	* 5.45518	32.2	RMS	34.7	-20.5	46.4	54	-7.6	-	-	258	110	V

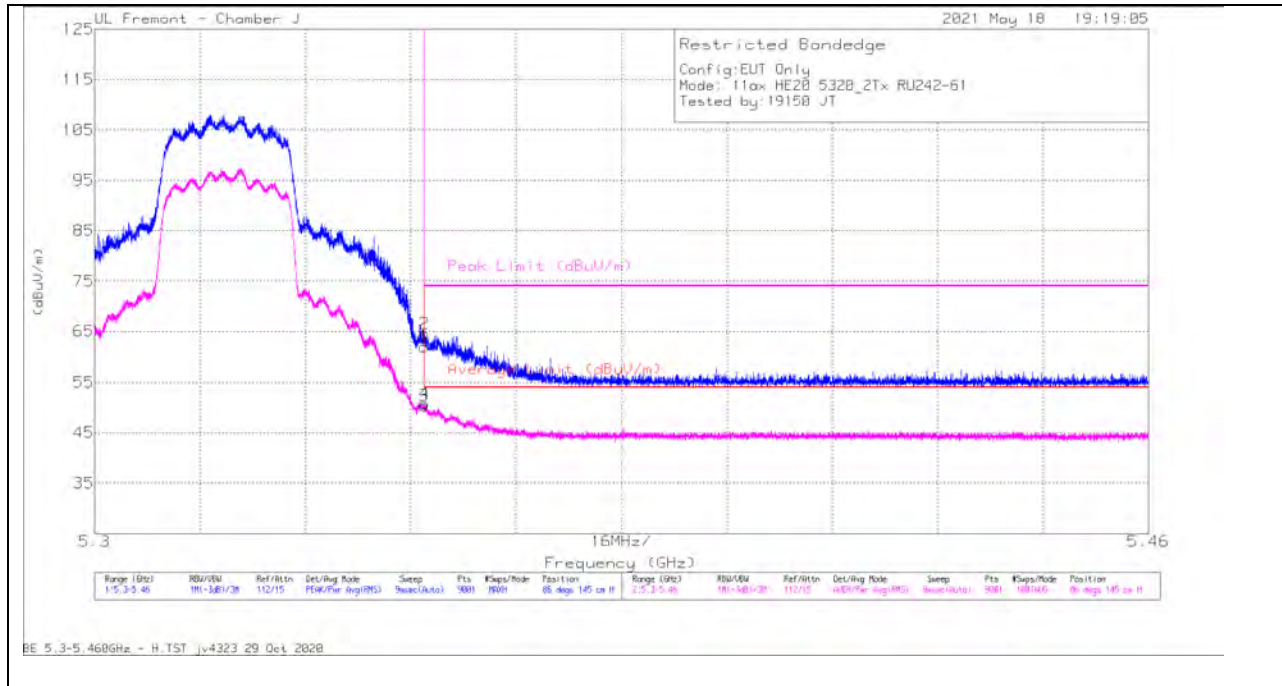
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band
Pk - Peak detector
RMS - RMS detection

BE 5.3-5.460GHz - V.TST 30915 29 Dec 2015
Rev 9.5 06 Mar 2020

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

BANDEDGE (HIGH CHANNEL)

HORIZONTAL RESULT



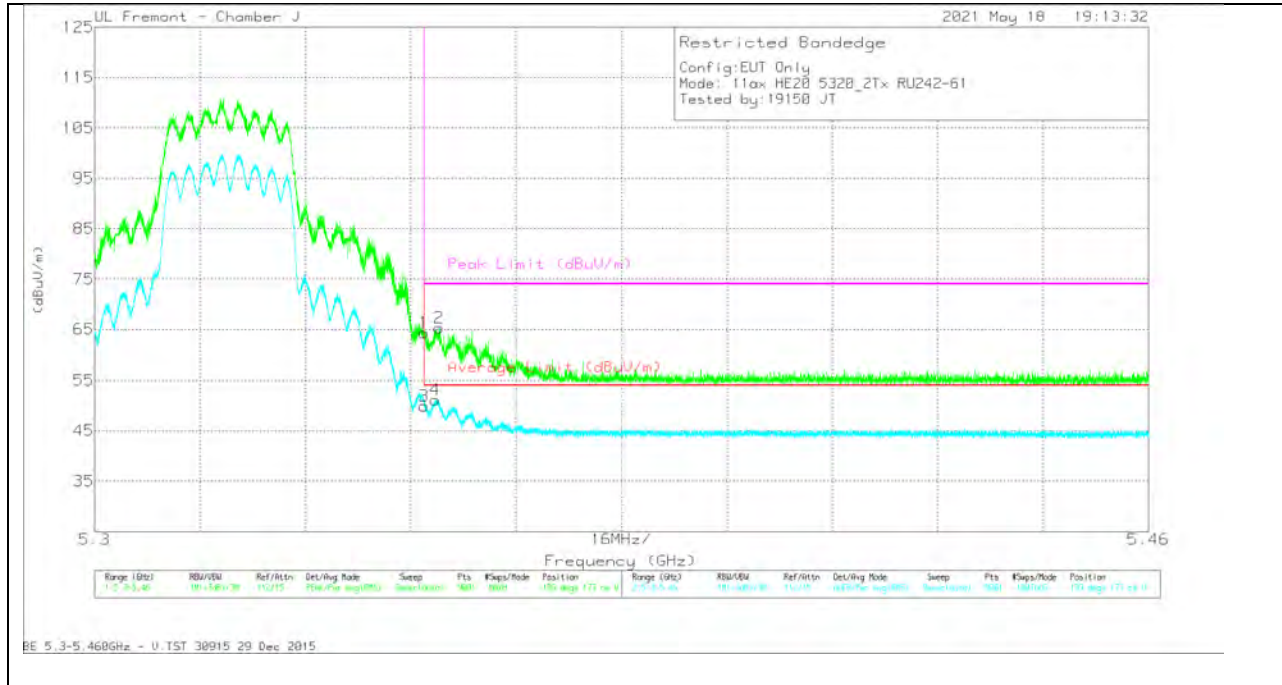
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF PRE0100034 (dB/m)	Amp/Cbll/Ftr/Pa d (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 5.35001	48.01	Pk	34.5	-20.4	62.11	-	-	74	-11.89	86	145	H
2	* 5.35012	50.52	Pk	34.5	-20.4	64.62	-	-	74	-9.38	86	145	H
3	* 5.35001	36.3	RMS	34.5	-20.4	50.4	54	-3.6	-	-	86	145	H
4	* 5.35006	36.67	RMS	34.5	-20.4	50.77	54	-3.23	-	-	86	145	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 PRE0100 034 (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	* 5.35001	50.26	Pk	34.5	-20.4	64.36	-	-	74	-9.64	199	177	V
2	* 5.35232	51.18	Pk	34.5	-20.4	65.28	-	-	74	-8.72	199	177	V
3	* 5.35001	35.86	RMS	34.5	-20.4	49.96	54	-4.04	-	-	199	177	V
4	* 5.35173	37.02	RMS	34.5	-20.4	51.12	54	-2.88	-	-	199	177	V

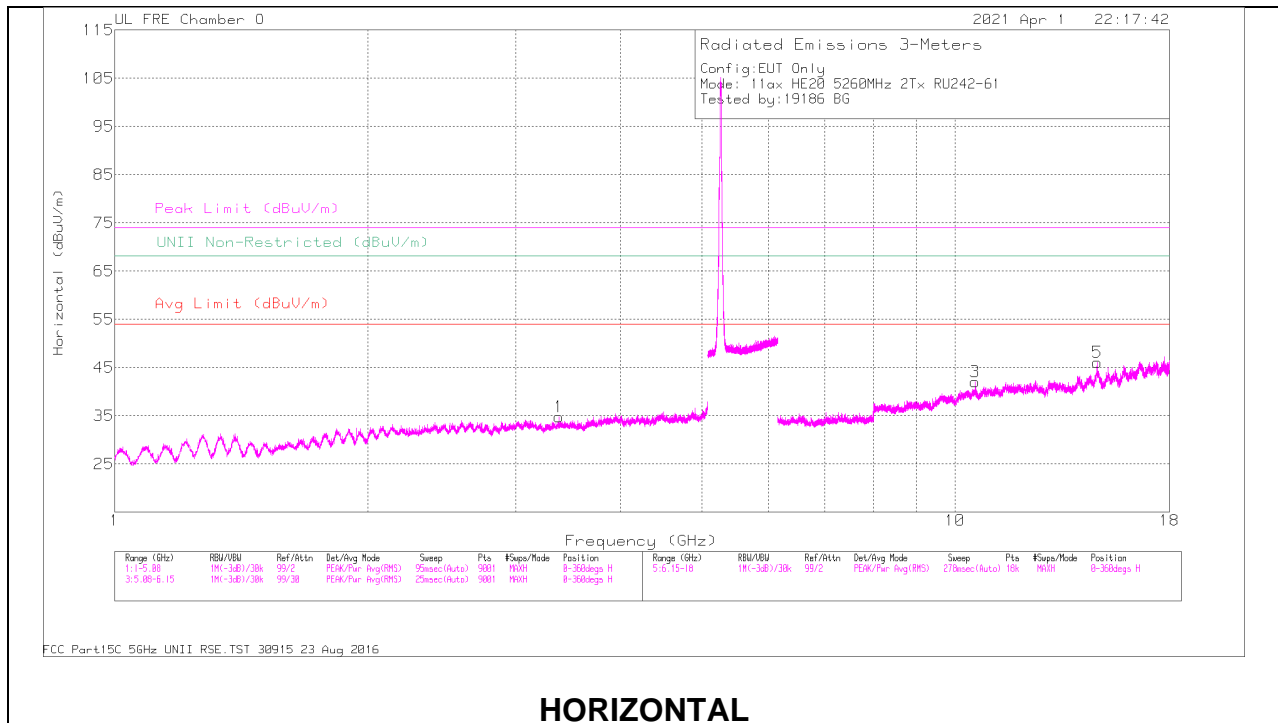
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

Pk - Peak detector

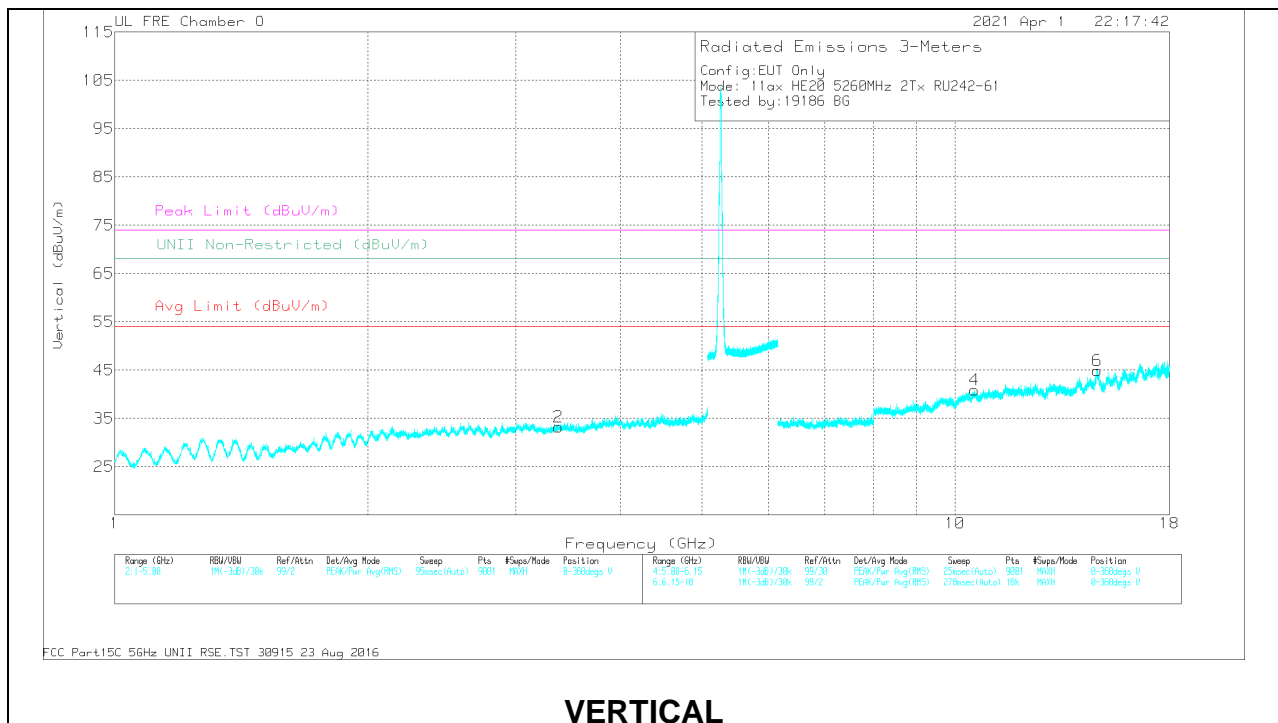
RMS - RMS detection

HARMONICS AND SPURIOUS EMISSIONS

LOW CHANNEL RESULTS



HORIZONTAL



VERTICAL

RADIATED EMISSIONS

Range 1: Horizontal 1000 - 5080MHz

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF PRE02138 32	Amp/Cbl/Filtr/Pad (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degrees)	Height (cm)	Polarity
1	3.38092	54.12	PK-U	32.8	-43.4	43.52	-	-	-	-	68.2	-24.68	25	100	H
	3.3794	42.54	ADR	32.8	-43.4	31.94	-	-	-	-	-	-	25	100	H

Range 2: Vertical 1000 - 5080MHz

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF PRE02138 32	Amp/Cbl/Filtr/Pad (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degrees)	Height (cm)	Polarity
2	3.37368	53.84	PK-U	32.8	-43.4	43.24	-	-	-	-	68.2	-24.96	35	200	V
	3.37309	42.34	ADR	32.8	-43.4	31.74	-	-	-	-	-	-	35	200	V

Range 5: Horizontal 6150 - 18000MHz

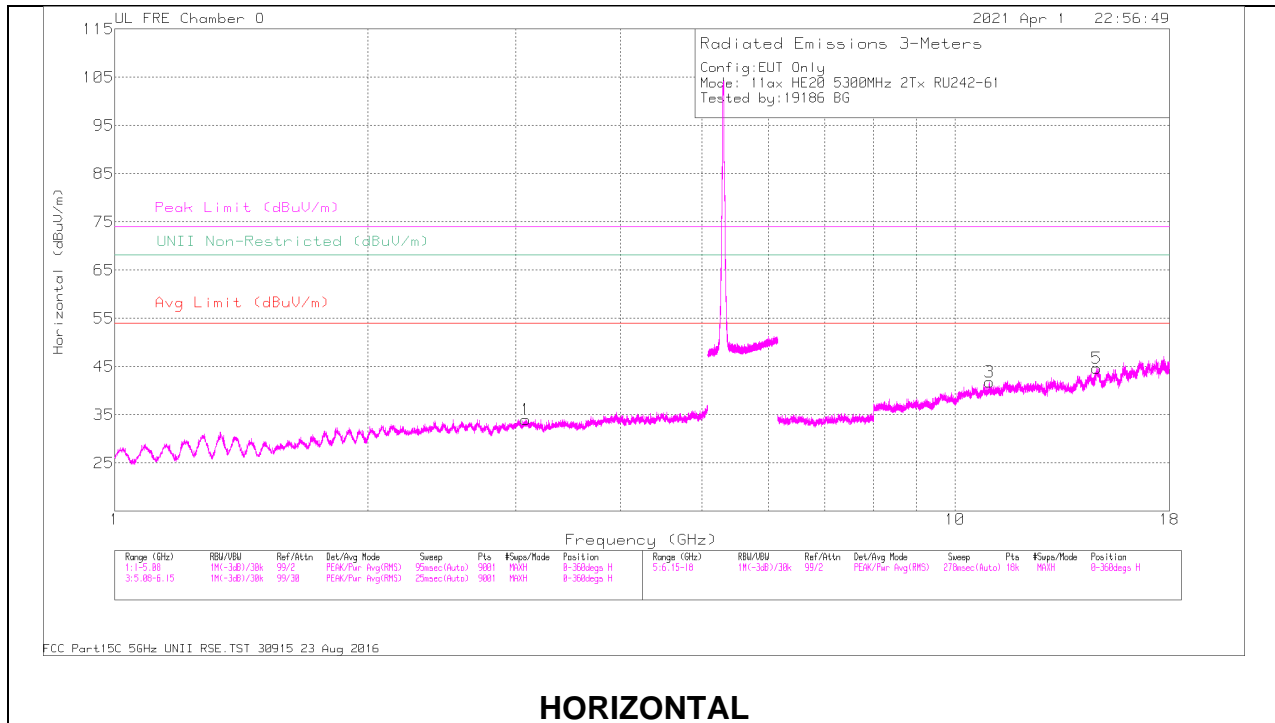
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF PRE02138 32	Amp/Cbl/Filtr/Pad (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degrees)	Height (cm)	Polarity
3	10.56725	47.66	PK-U	37.9	-35.8	49.76	-	-	-	-	68.2	-18.44	330	100	H
	10.56815	36.28	ADR	37.9	-35.8	38.38	-	-	-	-	-	-	330	100	H
5	14.76238	47.3	PK-U	39.8	-33	54.1	-	-	-	-	68.2	-14.1	355	100	H
	14.76244	35.23	ADR	39.8	-33	42.03	-	-	-	-	-	-	355	100	H

Range 6: Vertical 6150 - 18000MHz

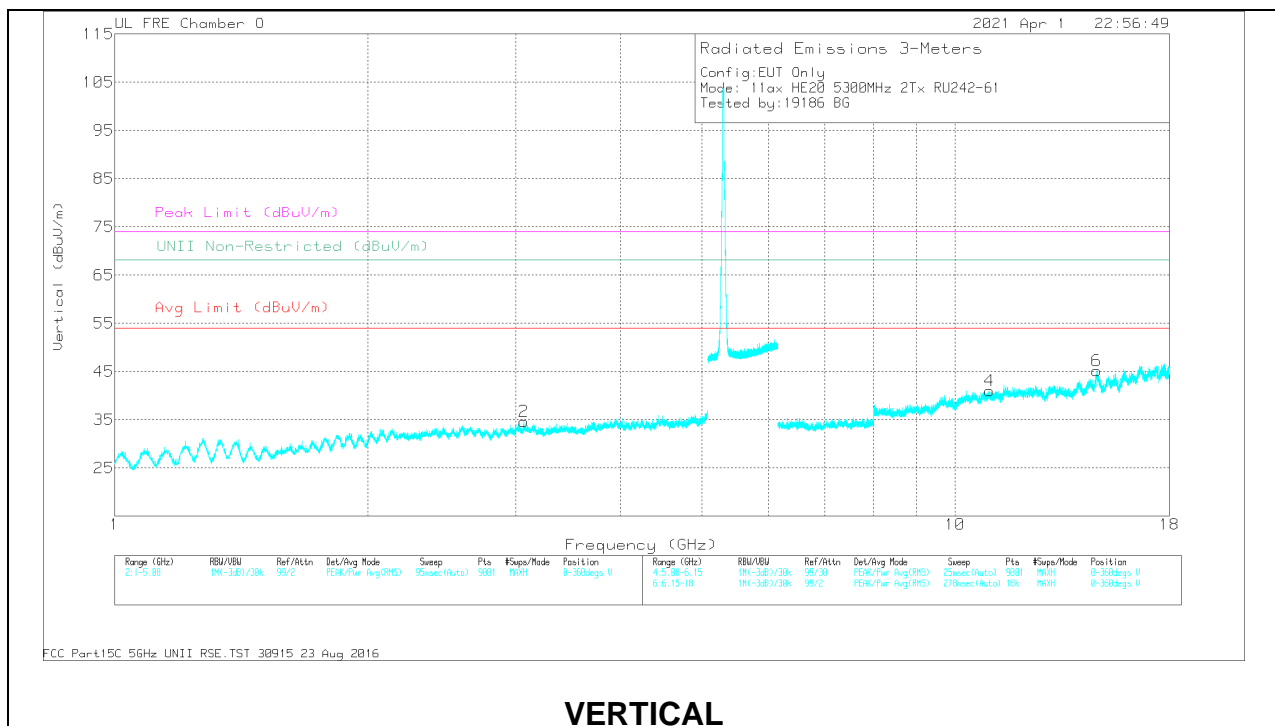
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF PRE02138 32	Amp/Cbl/Filtr/Pad (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degrees)	Height (cm)	Polarity
4	10.54944	47.7	PK-U	37.9	-36.1	49.5	-	-	-	-	68.2	-18.7	250	201	V
	10.54819	36.37	ADR	37.8	-36.1	38.07	-	-	-	-	-	-	250	201	V
6	14.76326	46.94	PK-U	39.8	-33	53.74	-	-	-	-	68.2	-14.46	275	200	V
	14.76477	34.88	ADR	39.8	-33	41.68	-	-	-	-	-	-	275	200	V

PK-U - U-NII: Maximum Peak
 ADR - U-NII AD primary method, RMS average

MID CHANNEL RESULTS



HORIZONTAL



VERTICAL

RADIATED EMISSIONS

Range 1: Horizontal 1000 - 5080MHz

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF PRE021 3832	Amp/Cbl /Filtr/Pad (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	3.08527 3.08821	54.74 43.06	PK-U ADR	33 33	-44.1 -44.1	43.64 31.96	- -	- -	- -	- -	68.2 -	-24.56 -	38 38	100 100	H H

Range 2: Vertical 1000 - 5080MHz

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF PRE021 3832	Amp/Cbl /Filtr/Pad (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
2	3.07087 3.07185	54.7 43.28	PK-U ADR	33 33	-44.1 -44.1	43.6 32.18	- -	- -	- -	- -	68.2 -	-24.6 -	122 122	201 201	V V

Range 5: Horizontal 6150 - 18000MHz

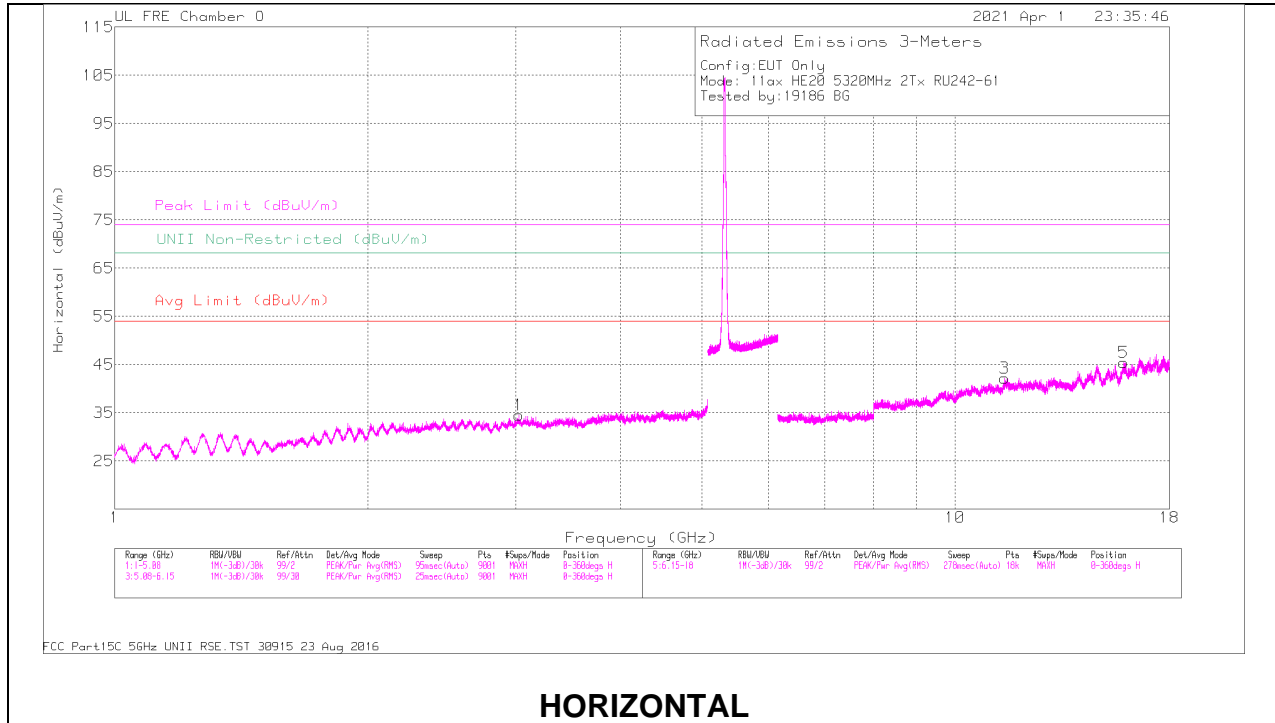
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF PRE021 3832	Amp/Cbl /Filtr/Pad (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
3	* 10.9986 * 10.9995	48.99 36.62	PK-U ADR	38.1 38.1	-36.1 -36.1	50.99 38.62	- 54	- -15.38	74 -	-23.01 -	- -	- -	220 220	100 100	H H
5	14.7429 14.7431	46.85 35.42	PK-U ADR	39.8 39.8	-33.4 -33.4	53.25 41.82	- -	- -	- -	- -	68.2 -	-14.95 -	125 125	100 100	H H

Range 6: Vertical 6150 - 18000MHz

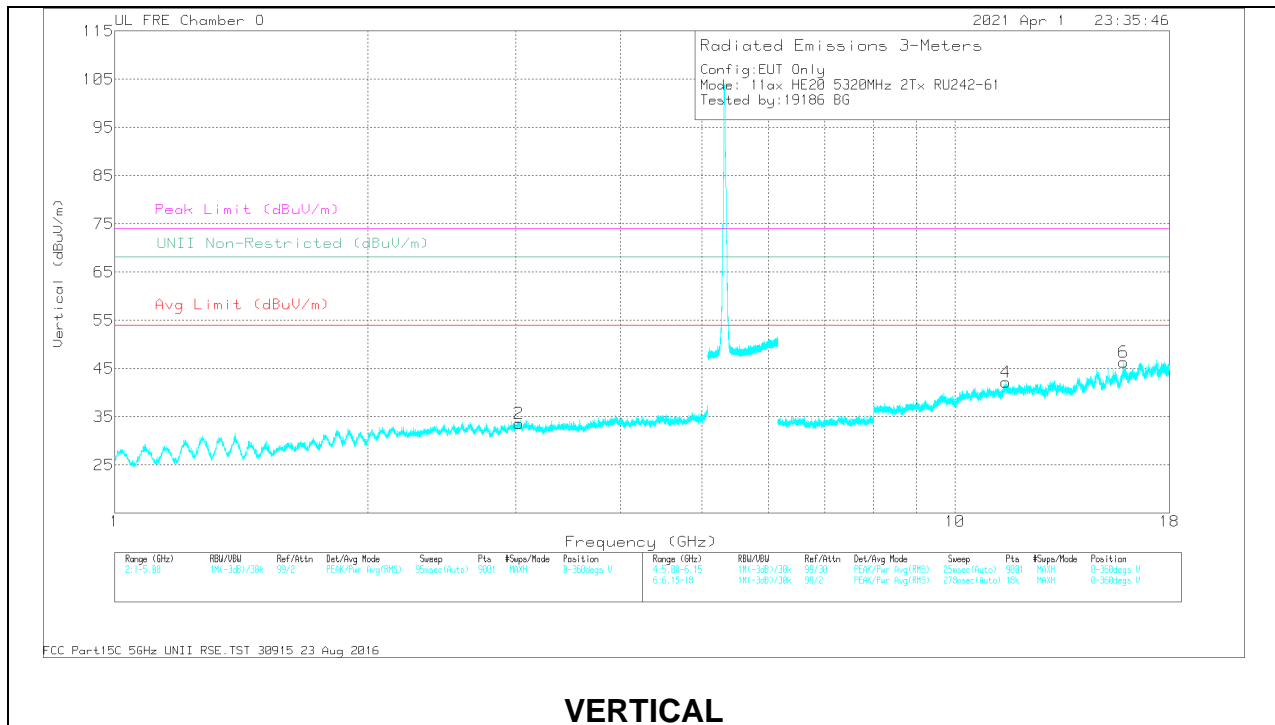
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF PRE021 3832	Amp/Cbl /Filtr/Pad (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
4	* 10.9931 * 10.9947	48.75 36.58	PK-U ADR	38.1 38.1	-36.1 -36.1	50.75 38.58	- 54	- -15.42	74 -	-23.25 -	- -	- -	250 250	201 201	V V
6	14.74796 14.74859	46.82 35.21	PK-U ADR	39.8 39.8	-33.3 -33.2	53.32 41.81	- -	- -	- -	- -	68.2 -	-14.88 -	266 266	200 200	V 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

Range 1: Horizontal 1000 - 5080MHz

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF PRE021 3832	Amp/Cbl /Filtr/Pad (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	3.02441	55.34	PK-U	32.9	-44.3	43.94	-	-	-	-	68.2	-24.26	28	100	H
	3.0268	43.39	ADR	32.9	-44.3	31.99	-	-	-	-	-	-	28	100	H

Range 2: Vertical 1000 - 5080MHz

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF PRE021 3832	Amp/Cbl /Filtr/Pad (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
2	3.02403	55.36	PK-U	32.9	-44.3	43.96	-	-	-	-	68.2	-24.24	75	201	V
	3.02663	43.44	ADR	32.9	-44.3	32.04	-	-	-	-	-	-	75	201	V

Range 5: Horizontal 6150 - 18000MHz

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF PRE021 3832	Amp/Cbl /Filtr/Pad (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
3	* 11.4667	47.15	PK-U	38.4	-35.5	50.05	-	-	74	-23.95	-	-	187	100	H
	* 11.4654	36.02	ADR	38.5	-35.5	39.02	54	-14.98	-	-	-	-	187	100	H
5	* 15.8726	47.48	PK-U	40.2	-34.1	53.58	-	-	74	-20.42	-	-	210	100	H
	* 15.8747	36.33	ADR	40.2	-34	42.53	54	-11.47	-	-	-	-	210	100	H

Range 6: Vertical 6150 - 18000MHz

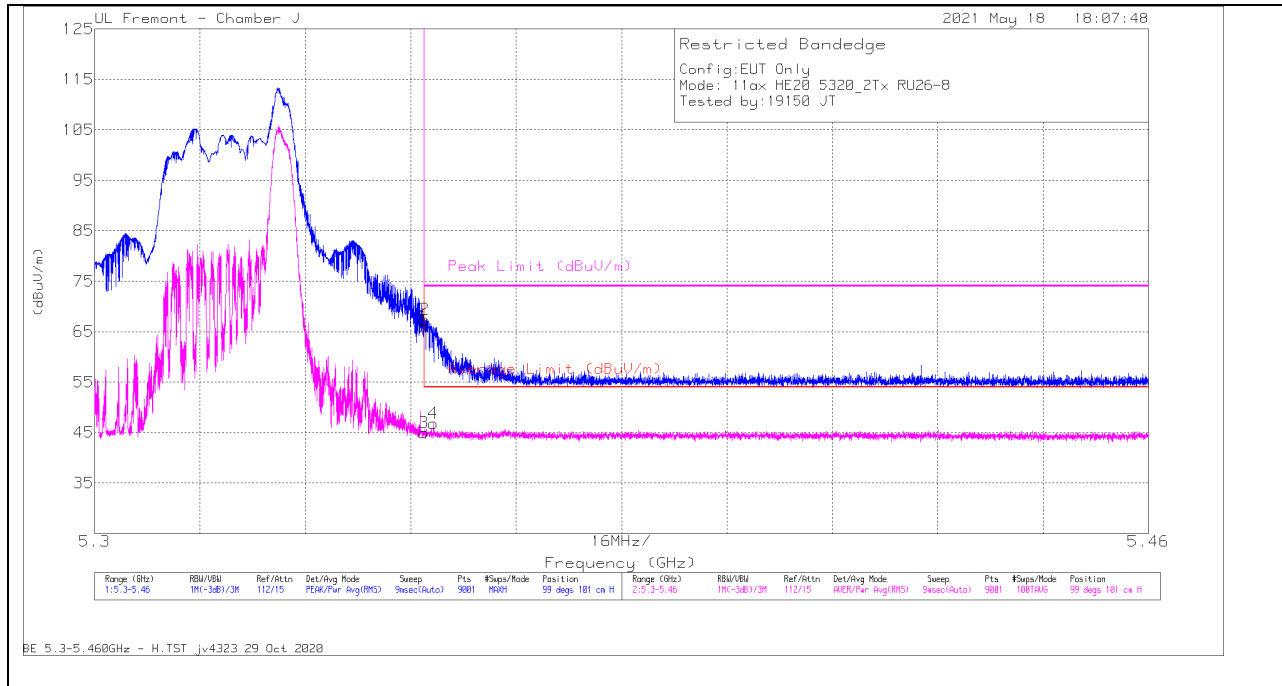
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF PRE021 3832	Amp/Cbl /Filtr/Pad (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
4	* 11.48815	47.29	PK-U	38.5	-34.9	50.89	-	-	74	-23.11	-	-	322	201	V
	* 11.48972	35.81	ADR	38.5	-34.9	39.41	54	-14.59	-	-	-	-	322	201	V
6	* 15.88512	47.89	PK-U	40.2	-33.8	54.29	-	-	74	-19.71	-	-	353	200	V
	* 15.88614	36.21	ADR	40.2	-33.7	42.71	54	-11.29	-	-	-	-	353	200	V

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

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

BANDEDGE (HIGH CHANNEL)

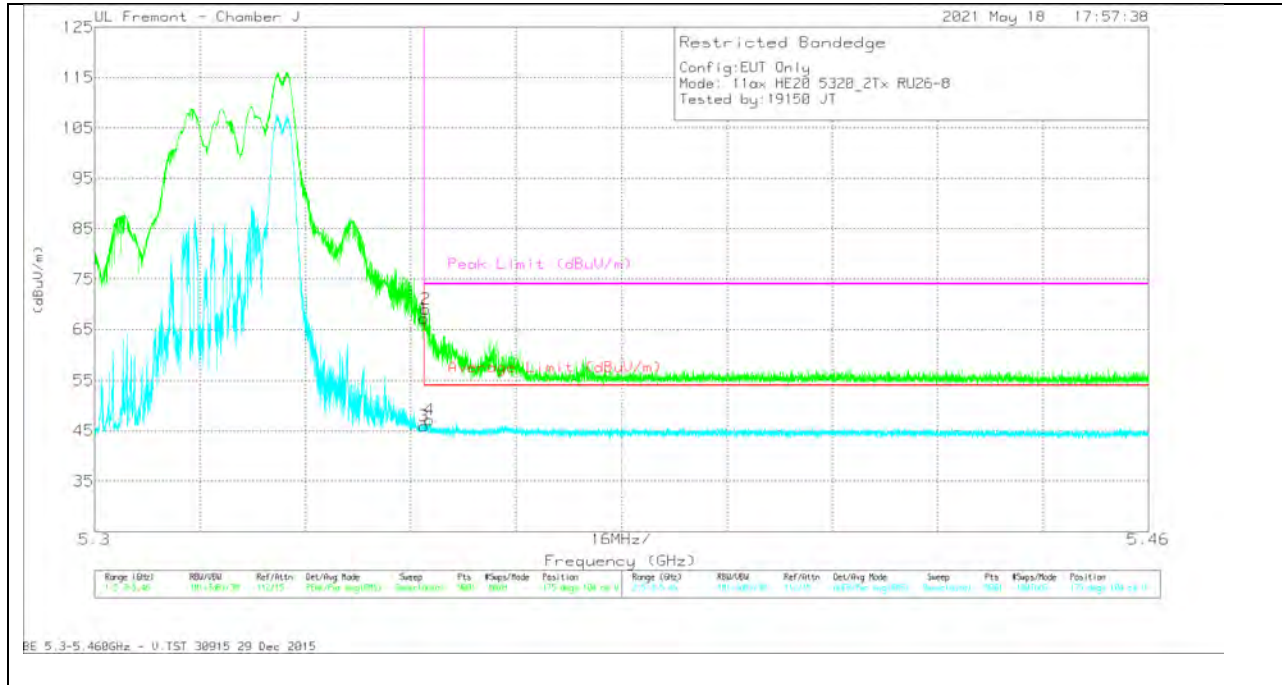
HORIZONTAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF PRE0100 034 (dB/m)	Amp/Cb/ Ftr/Pad (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 5.35001	51.89	Pk	34.5	-20.4	65.99	-	-	74	-8.01	99	101	H
2	* 5.35005	53.33	Pk	34.5	-20.4	67.43	-	-	74	-6.57	99	101	H
3	* 5.35001	30.88	RMS	34.5	-20.4	44.98	54	-9.02	-	-	99	101	H
4	* 5.35147	32.69	RMS	34.5	-20.4	46.79	54	-7.21	-	-	99	101	H

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

VERTICAL RESULT

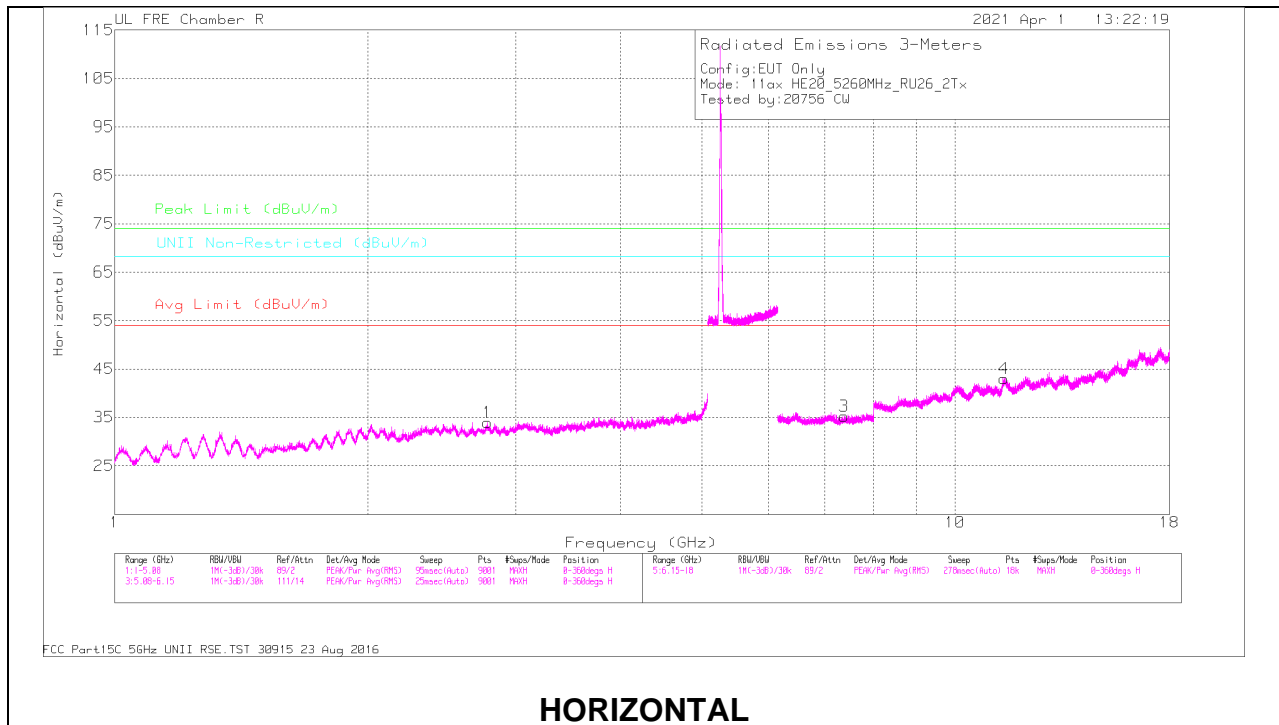


Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF PRE0100 034 (dB/m)	Amp/Cb/ Filt/Pad (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 5.35001	53.11	Pk	34.5	-20.4	67.21	-	-	74	-6.79	175	104	V
2	* 5.35028	54.95	Pk	34.5	-20.4	69.05	-	-	74	-4.95	175	104	V
3	* 5.35001	31.9	RMS	34.5	-20.4	46	54	-8	-	-	175	104	V
4	* 5.35083	33.07	RMS	34.5	-20.4	47.17	54	-6.83	-	-	175	104	V

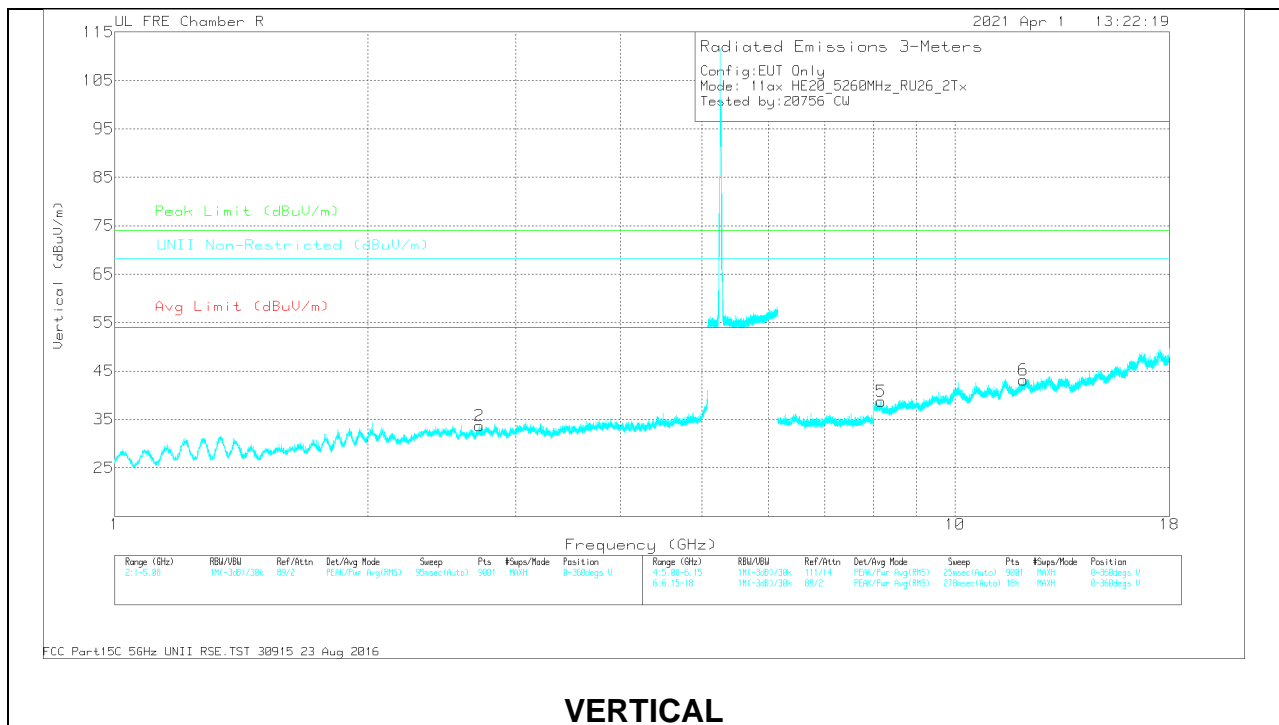
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band
 Pk - Peak detector
 RMS - RMS detection

HARMONICS AND SPURIOUS EMISSIONS

LOW CHANNEL RESULTS



HORIZONTAL



VERTICAL

RADIATED EMISSIONS

Range 1: Horizontal 1000 - 5080MHz

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF PRE021 3973 (dB/m)	Amp/Cbl /Filtr/Pad (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.77818	54.48	PK-U	32.7	-43.8	43.38	-	-	74	-30.62	-	-	260	319	H
	* 2.77807	43.06	ADR	32.7	-43.8	31.96	54	-22.04	-	-	-	-	260	319	H

Range 2: Vertical 1000 - 5080MHz

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF PRE021 3973 (dB/m)	Amp/Cbl /Filtr/Pad (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
2	* 2.71718	54.83	PK-U	32.3	-44.2	42.93	-	-	74	-31.07	-	-	157	399	V
	* 2.71661	43.09	ADR	32.3	-44.2	31.19	54	-22.81	-	-	-	-	157	399	V

Range 5: Horizontal 6150 - 18000MHz

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF PRE021 3973 (dB/m)	Amp/Cbl /Filtr/Pad (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
3	* 7.3834	49.42	PK-U	35.7	-38.5	46.62	-	-	74	-27.38	-	-	53	206	H
	* 7.38316	37.69	ADR	35.7	-38.5	34.89	54	-19.11	-	-	-	-	53	206	H
4	* 11.44127	47.62	PK-U	38.2	-34.2	51.62	-	-	74	-22.38	-	-	31	185	H
	* 11.44121	36.07	ADR	38.2	-34.2	40.07	54	-13.93	-	-	-	-	31	185	H

Range 6: Vertical 6150 - 18000MHz

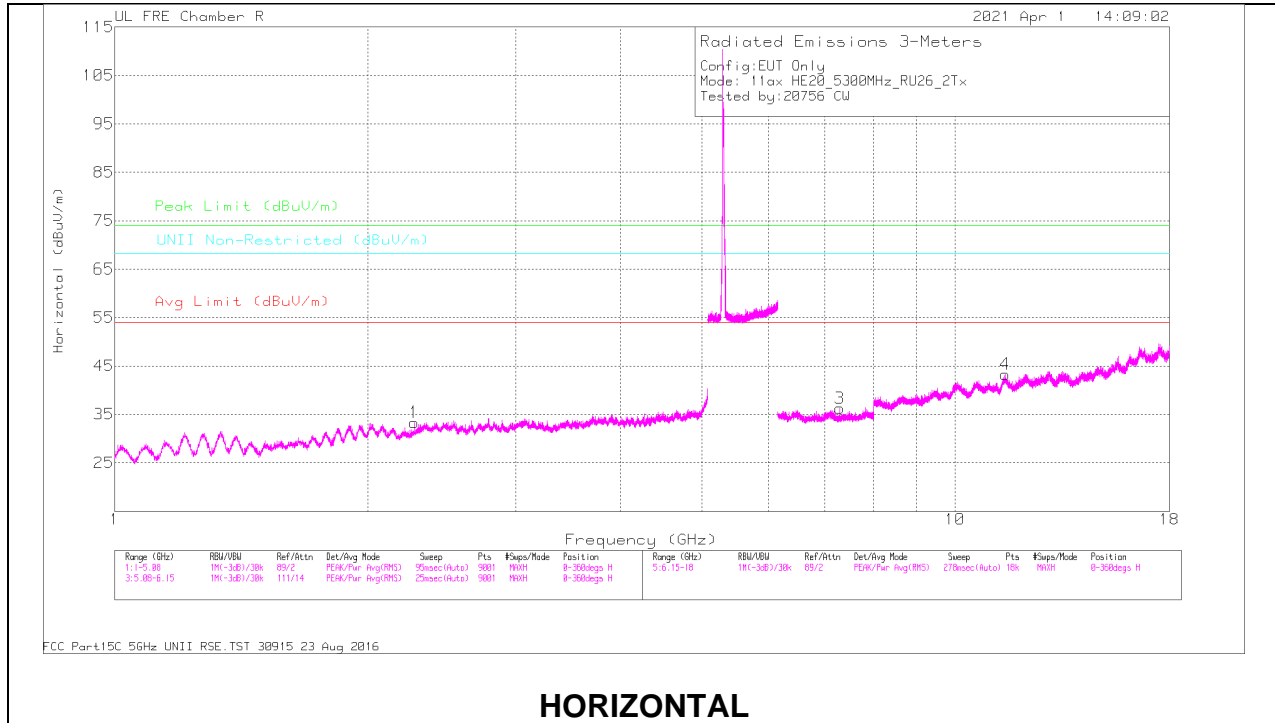
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF PRE021 3973 (dB/m)	Amp/Cbl /Filtr/Pad (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
5	* 8.1631	49.87	PK-U	35.9	-37.5	48.27	-	-	74	-25.73	-	-	213	313	V
	* 8.1641	37.82	ADR	35.9	-37.5	36.22	54	-17.78	-	-	-	-	213	313	V
6	* 12.0674	47.96	PK-U	38.9	-34	52.86	-	-	74	-21.14	-	-	304	178	V
	* 12.0685	35.91	ADR	38.9	-34	40.81	54	-13.19	-	-	-	-	304	178	V

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

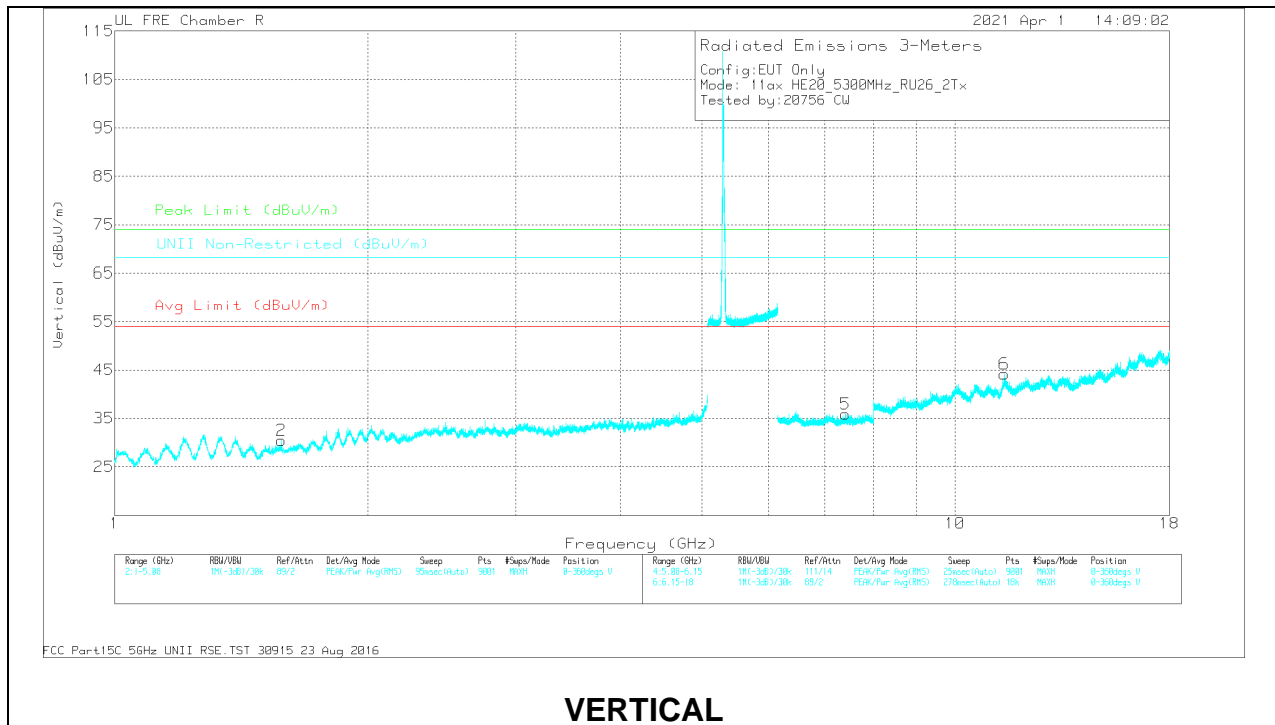
PK-U - U-NII: Maximum Peak

ADR - U-NII AD primary method, RMS average

MID CHANNEL RESULTS



HORIZONTAL



VERTICAL

RADIATED EMISSIONS**Range 1: Horizontal 1000 - 5080MHz**

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF PRE021 3973 (dB/m)	Amp/Cbl /Filtr/Pad (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.27129	56.03	PK-U	31.3	-45.5	41.83	-	-	74	-32.17	-	-	319	148	H
	* 2.27429	44.56	ADR	31.3	-45.5	30.36	54	-23.64	-	-	-	-	319	148	H

Range 2: Vertical 1000 - 5080MHz

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF PRE021 3973 (dB/m)	Amp/Cbl /Filtr/Pad (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
2	* 1.57836	56.7	PK-U	28.2	-45.3	39.6	-	-	74	-34.4	-	-	64	196	V
	* 1.58029	44.87	ADR	28.2	-45.2	27.87	54	-26.13	-	-	-	-	64	196	V

Range 5: Horizontal 6150 - 18000MHz

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF PRE021 3973 (dB/m)	Amp/Cbl /Filtr/Pad (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
3	* 7.29812	49.57	PK-U	35.7	-38.7	46.57	-	-	74	-27.43	-	-	149	195	H
	* 7.29849	37.91	ADR	35.7	-38.7	34.91	54	-19.09	-	-	-	-	149	195	H
4	* 11.4787	47.49	PK-U	38.3	-33.6	52.19	-	-	74	-21.81	-	-	97	242	H
	* 11.4763	35.91	ADR	38.3	-33.6	40.61	54	-13.39	-	-	-	-	97	242	H

Range 6: Vertical 6150 - 18000MHz

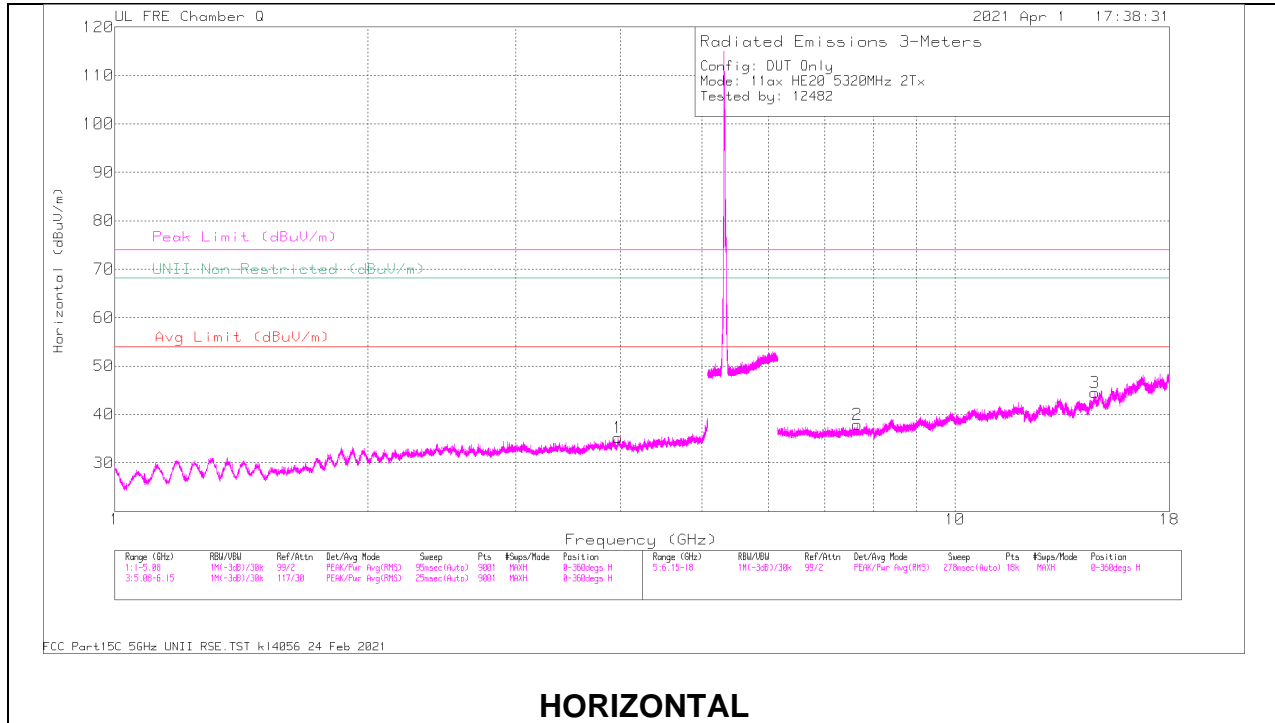
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF PRE021 3973 (dB/m)	Amp/Cbl /Filtr/Pad (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
5	* 7.40847	50.59	PK-U	35.6	-38.6	47.59	-	-	74	-26.41	-	-	63	237	V
	* 7.40712	38.13	ADR	35.7	-38.5	35.33	54	-18.67	-	-	-	-	63	237	V
6	* 11.4492	47.15	PK-U	38.3	-34	51.45	-	-	74	-22.55	-	-	141	264	V
	* 11.4468	36.02	ADR	38.3	-34.1	40.22	54	-13.78	-	-	-	-	141	264	V

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

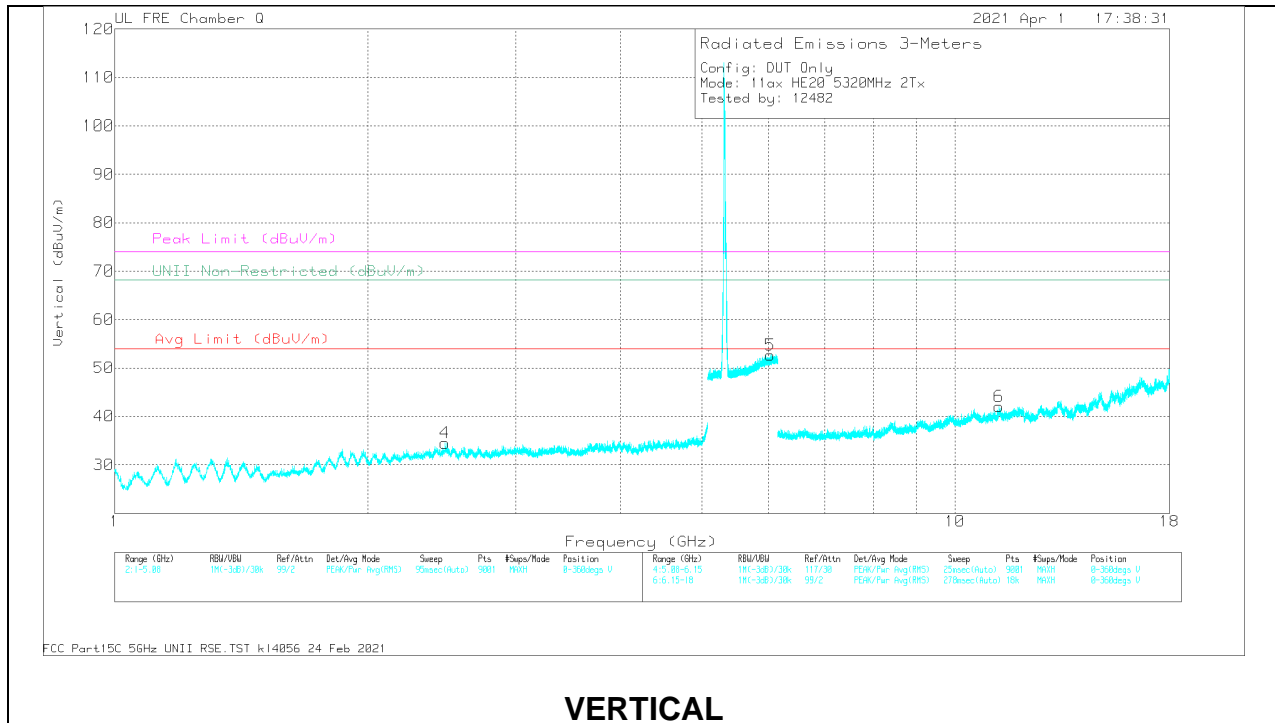
PK-U - U-NII: Maximum Peak

ADR - U-NII AD primary method, RMS average

HIGH CHANNEL RESULTS



HORIZONTAL



VERTICAL

RADIATED EMISSIONS

Range 1: Horizontal 1000 - 5080MHz

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF PRE02 13831 (dB/m)	Amp/Cb I/Filtr/Pad (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 3.9728	52.62	PK-U	33.3	-40.8	45.12	-	-	74	-28.88	-	-	197	357	H
	* 3.9729	40.31	ADR	33.3	-40.8	32.81	54	-21.19	-	-	-	-	197	357	H

Range 2: Vertical 1000 - 5080MHz

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF PRE02 13831 (dB/m)	Amp/Cb I/Filtr/Pad (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
4	2.47149	55.41	PK-U	32.4	-44	43.81	-	-	-	-	68.2	-24.39	156	154	V

Range 4: Vertical 5080 - 6150MHz

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF PRE02 13831 (dB/m)	Amp/Cb I/Filtr/Pad (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
5	6.02307	55.96	PK-U	35.2	-29.3	61.86	-	-	-	-	68.2	-6.34	177	236	V

Range 5: Horizontal 6150 - 18000MHz

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF PRE02 13831 (dB/m)	Amp/Cb I/Filtr/Pad (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
5	* 7.6527	49.06	PK-U	35.7	-37.7	47.06	-	-	74	-26.94	-	-	303	380	H
	* 7.6525	37.18	ADR	35.7	-37.7	35.18	54	-18.82	-	-	-	-	303	380	H
3	14.6743	48.31	PK-U	39.6	-34.7	53.21	-	-	-	-	68.2	-14.99	135	212	H

Range 6: Vertical 6150 - 18000MHz

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF PRE02 13831 (dB/m)	Amp/Cb I/Filtr/Pad (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
6	* 11.288	46.06	PK-U	38	-33.7	50.36	-	-	74	-23.64	-	-	305	232	V
	* 11.287	34.61	ADR	38	-33.7	38.91	54	-15.09	-	-	-	-	305	232	V

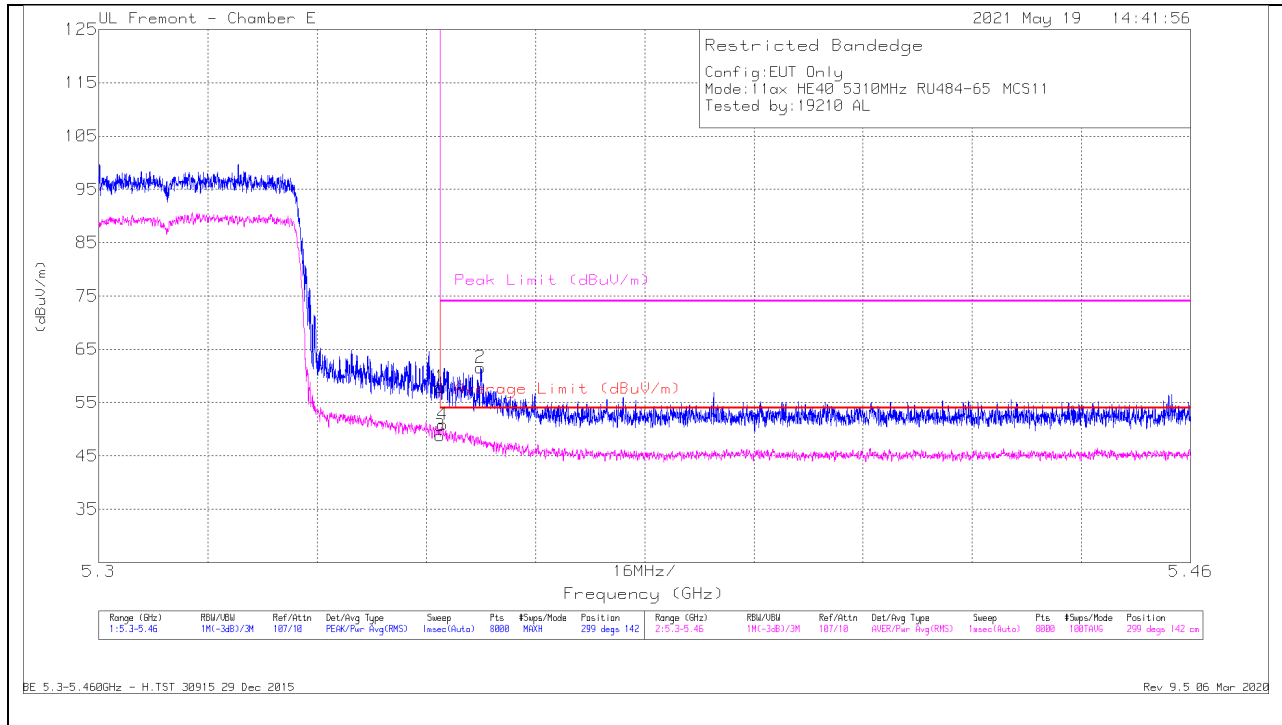
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band
 PK-U - U-NII: Maximum Peak
 ADR - U-NII AD primary method, RMS average

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

1TX ANT 6 – 484 Tones, RU Index 65

BANDEDGE (HIGH CHANNEL)

HORIZONTAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF PRE0078 107 (dB/m)	Amp/Cb/ Ftr/Pad (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 5.35001	43.93	Pk	34.7	-20.7	57.93	-	-	74	-16.07	299	142	H
2	* 5.35593	47.58	Pk	34.7	-20.7	61.58	-	-	74	-12.42	299	142	H
3	* 5.35001	34.82	RMS	34.7	-20.7	48.82	54	-5.18	-	-	299	142	H
4	* 5.35039	36.88	RMS	34.7	-20.7	50.88	54	-3.12	-	-	299	142	H

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

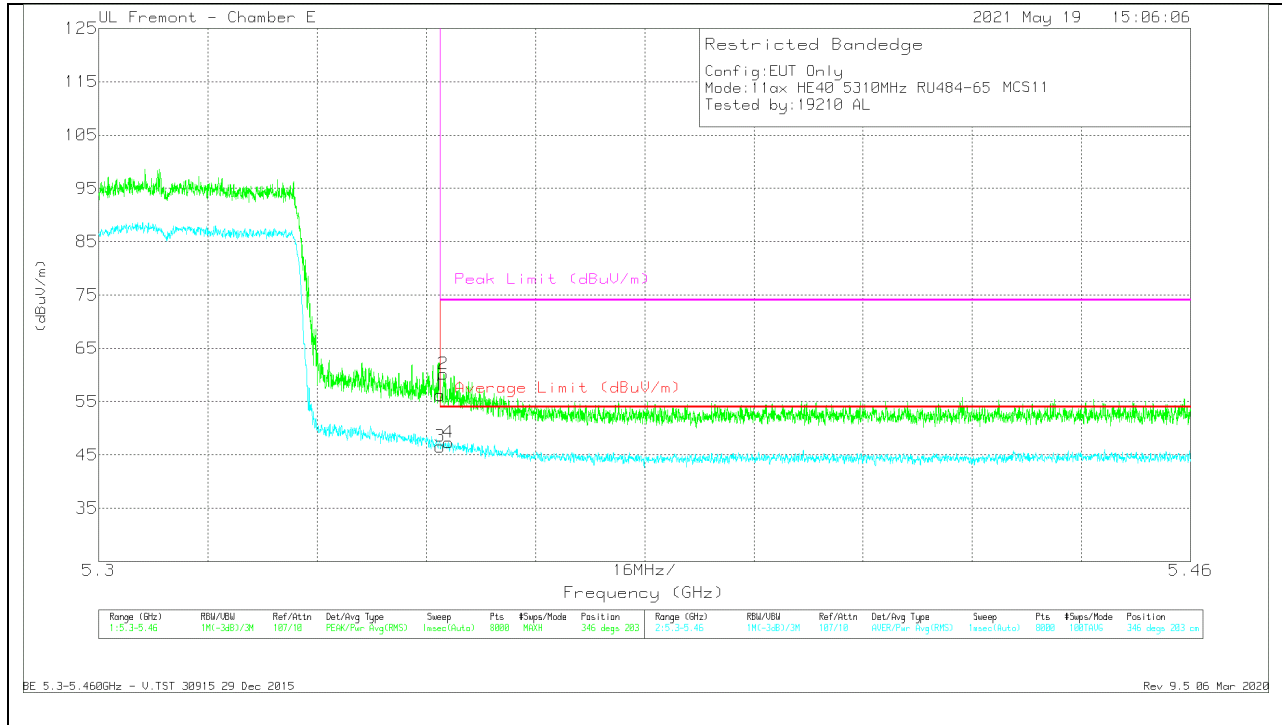
Pk - Peak detector

RMS - RMS detection

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

Rev 9.5 06 Mar 2020

VERTICAL RESULT



Marker	Frequenc y (GHz)	Meter Reading (dBuV)	Det	AF PRE0078 107 (dB/m)	Amp/Cbl/ Filtr/Pad (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	* 5.35001	42.23	Pk	34.7	-20.7	56.23	-	-	74	-17.77	346	203	V
2	* 5.35051	46.17	Pk	34.7	-20.7	60.17	-	-	74	-13.83	346	203	V
3	* 5.35001	32.57	RMS	34.7	-20.7	46.57	54	-7.43	-	-	346	203	V
4	* 5.35129	33.32	RMS	34.7	-20.7	47.32	54	-6.68	-	-	346	203	V

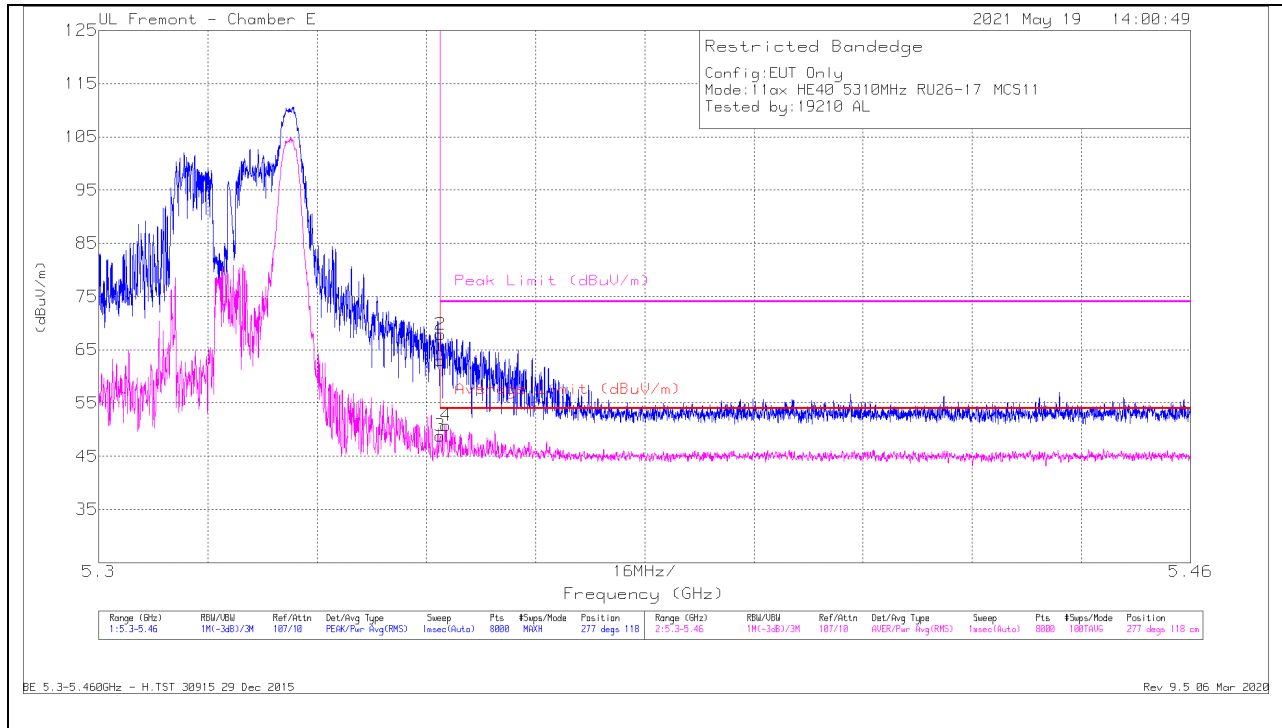
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band
Pk - Peak detector
RMS - RMS detection

BE 5.3-5.460GHz - V.TST 30915 29 Dec 2015
Rev 9.5 06 Mar 2020

1TX ANT 6 – 26 Tones, RU Index 17

BANDEDGE (HIGH CHANNEL)

HORIZONTAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF PRE0078 107 (dB/m)	Amp/Cb/ Filt/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	* 5.35001	49.06	Pk	34.7	-20.7	63.06	-	-	74	-10.94	277	118	H
3	* 5.35001	34.85	RMS	34.7	-20.7	48.85	54	-5.15	-	-	277	118	H
2	* 5.35007	53.89	Pk	34.7	-20.7	67.89	-	-	74	-6.11	277	118	H
4	* 5.35089	36.76	RMS	34.7	-20.7	50.76	54	-3.24	-	-	277	118	H

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

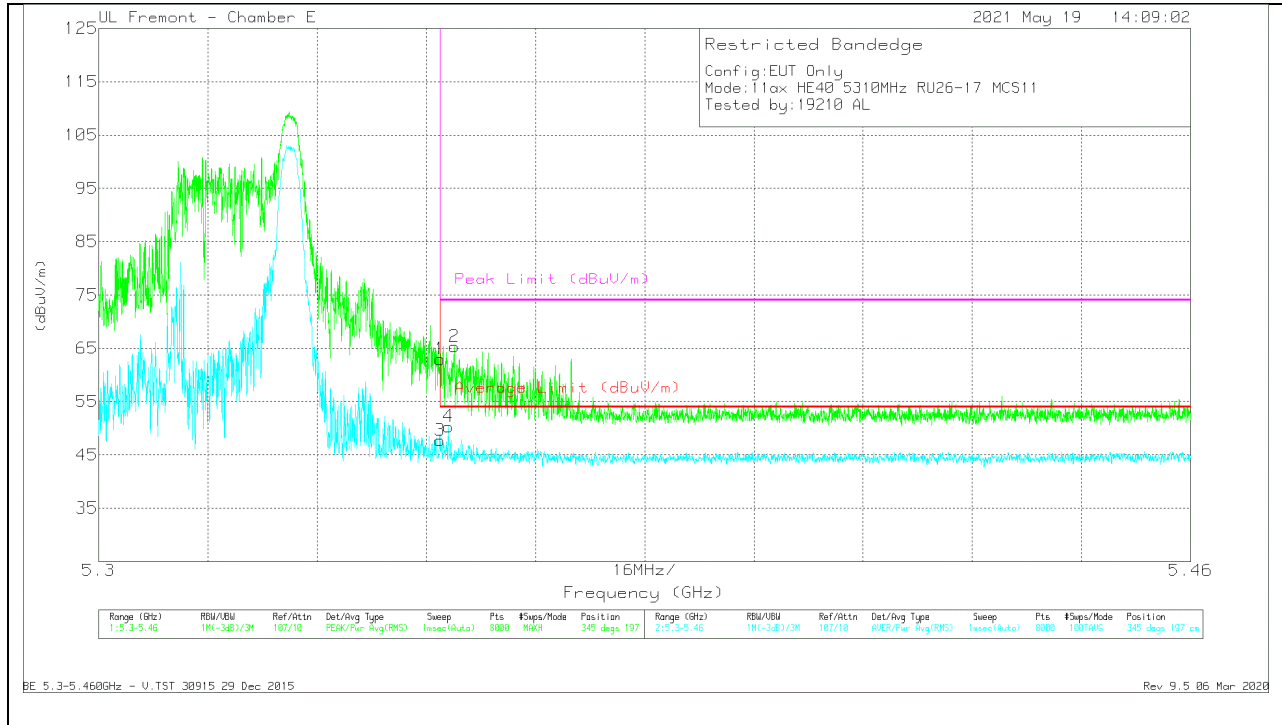
Pk - Peak detector

RMS - RMS detection

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

Rev 9.5 06 Mar 2020

VERTICAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF PRE0078 107 (dB/m)	Amp/Cb/ Ftr/Pad (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 5.35001	48.95	Pk	34.7	-20.7	62.95	-	-	74	-11.05	345	197	V
3	* 5.35001	33.7	RMS	34.7	-20.7	47.7	54	-6.3	-	-	345	197	V
4	* 5.35123	36.3	RMS	34.7	-20.7	50.3	54	-3.7	-	-	345	197	V
2	* 5.35209	51.32	Pk	34.7	-20.7	65.32	-	-	74	-8.68	345	197	V

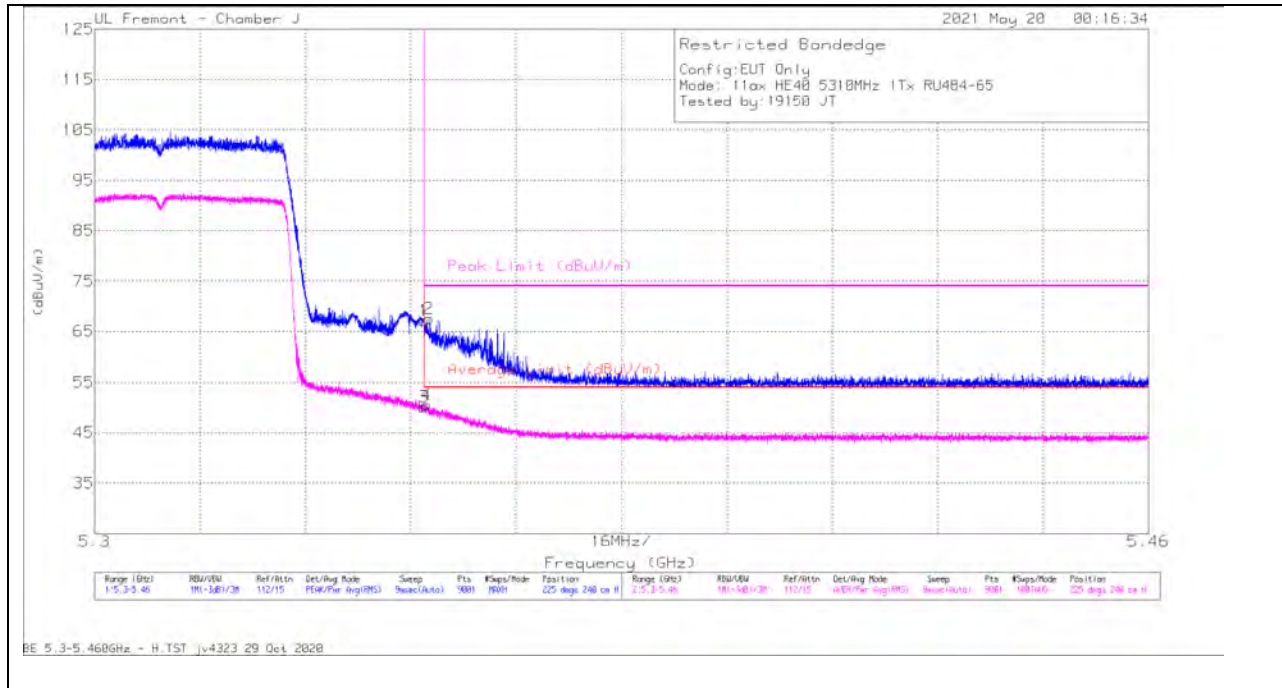
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band
Pk - Peak detector
RMS - RMS detection

BE 5.3-5.460GHz - V.TST 30915 29 Dec 2015
Rev 9.5 06 Mar 2020

1TX ANT 5 – 484 Tones, RU Index 65

BANDEGE (HIGH CHANNEL)

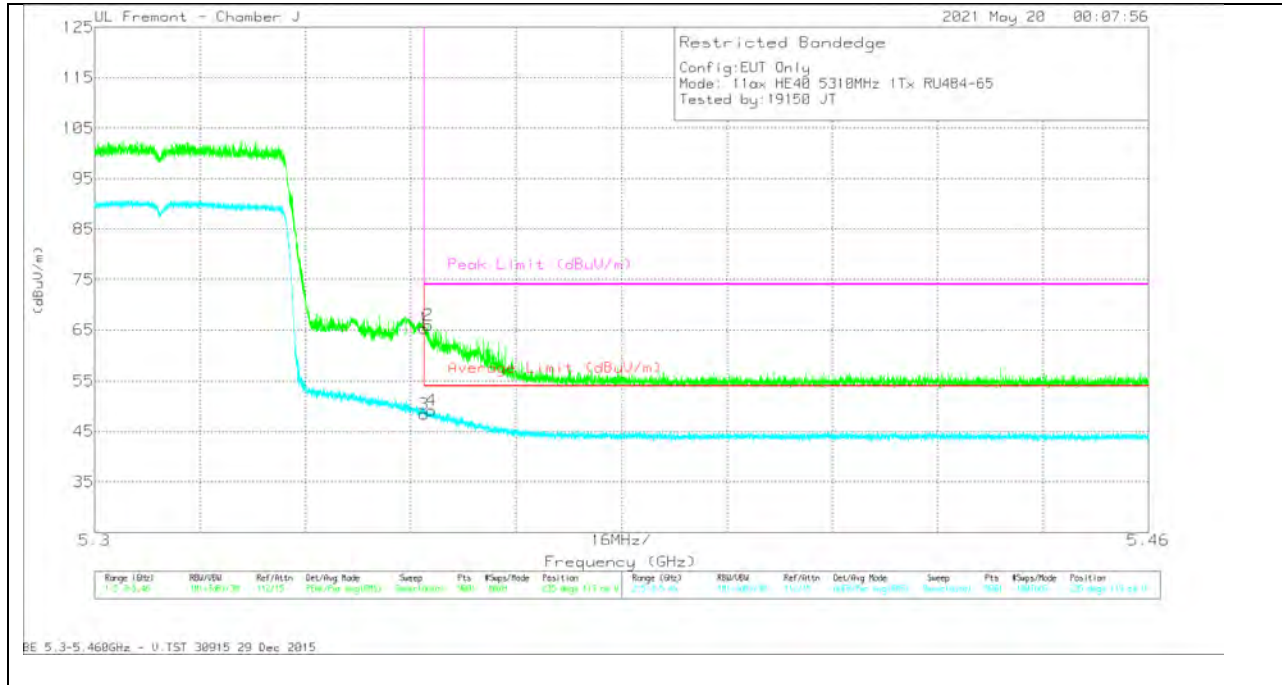
HORIZONTAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF PRE0100 034 (dB/m)	Amp/Cb/ Ftr/Pad (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 5.35001	53.06	Pk	34.5	-20.4	67.16	-	-	74	-6.84	225	240	H
2	* 5.35077	53.4	Pk	34.5	-20.4	67.5	-	-	74	-6.5	225	240	H
3	* 5.35001	36.08	RMS	34.5	-20.4	50.18	54	-3.82	-	-	225	240	H
4	* 5.35038	36.4	RMS	34.5	-20.4	50.5	54	-3.5	-	-	225	240	H

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

VERTICAL RESULT



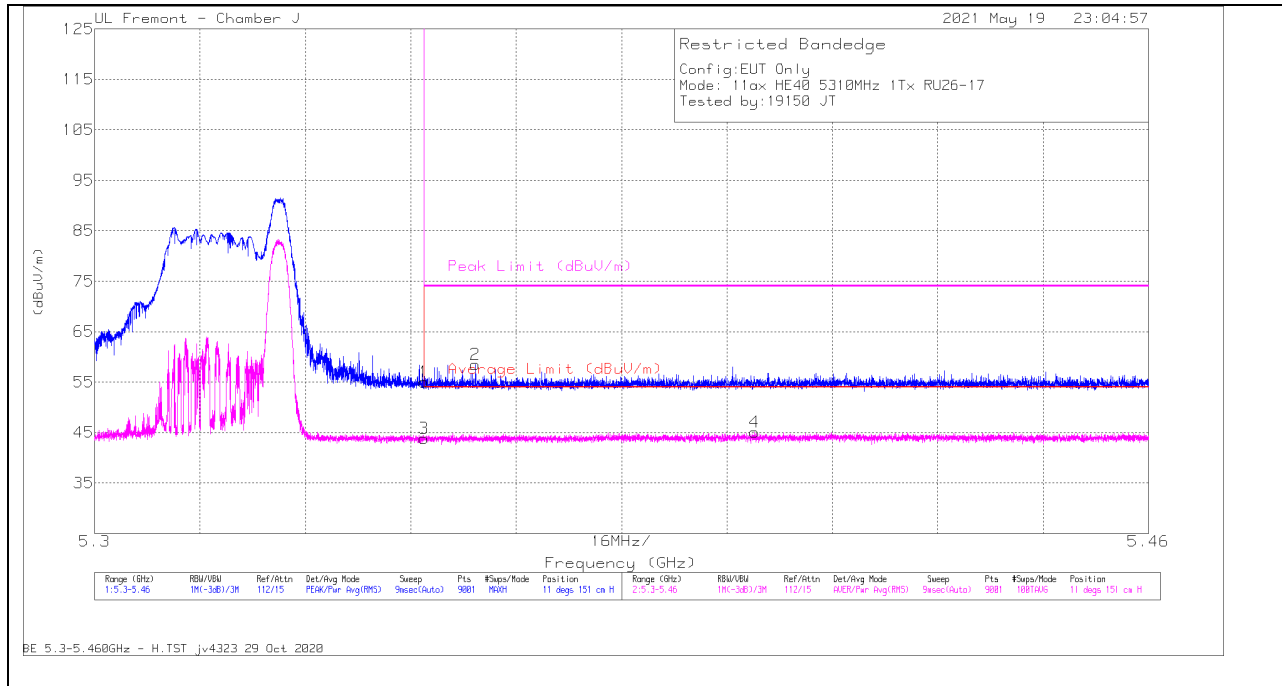
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF PRE0100 034 (dB/m)	Amp/Cb/ Filt/Pad (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 5.35001	51.27	Pk	34.5	-20.4	65.37	-	-	74	-8.63	235	119	V
2	* 5.3507	51.89	Pk	34.5	-20.4	65.99	-	-	74	-8.01	235	119	V
3	* 5.35001	34.31	RMS	34.5	-20.4	48.41	54	-5.59	-	-	235	119	V
4	* 5.35117	35.11	RMS	34.5	-20.4	49.21	54	-4.79	-	-	235	119	V

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

1TX ANT 5 – 26 Tones, RU Index 17

BANDEDGE (HIGH CHANNEL)

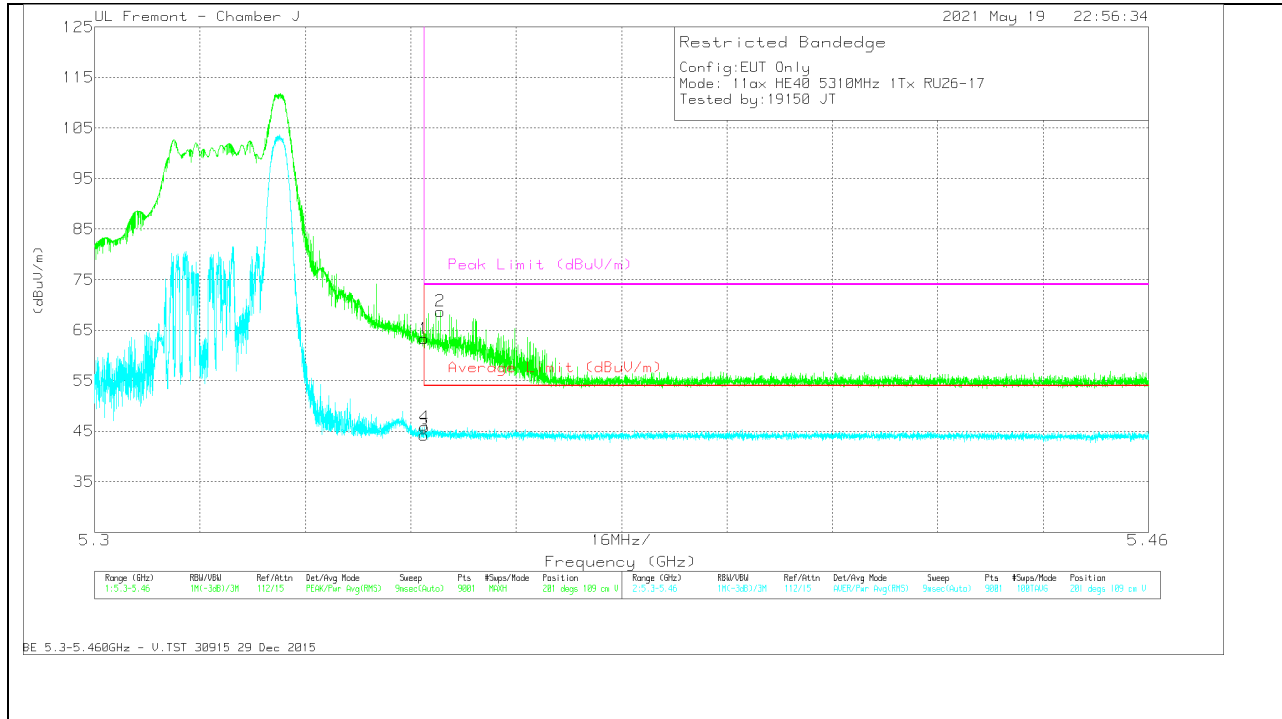
HORIZONTAL RESULT



Marker	Frequenc y (GHz)	Meter Reading (dBuV)	Det	AF PRE010 0034 (dB/m)	Amp/Cbl /Filtr/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	* 5.35001	40.89	Pk	34.5	-20.4	0	54.99	-	-	74	-19.01	11	151	H
2	* 5.35783	44.26	Pk	34.6	-20.4	0	58.46	-	-	74	-15.54	11	151	H
3	* 5.35001	29.67	RMS	34.5	-20.4	0	43.77	54	-10.23	-	-	11	151	H
4	* 5.40016	30.5	RMS	34.7	-20.2	0	45.00	54	-9.00	-	-	11	151	H

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

VERTICAL RESULT



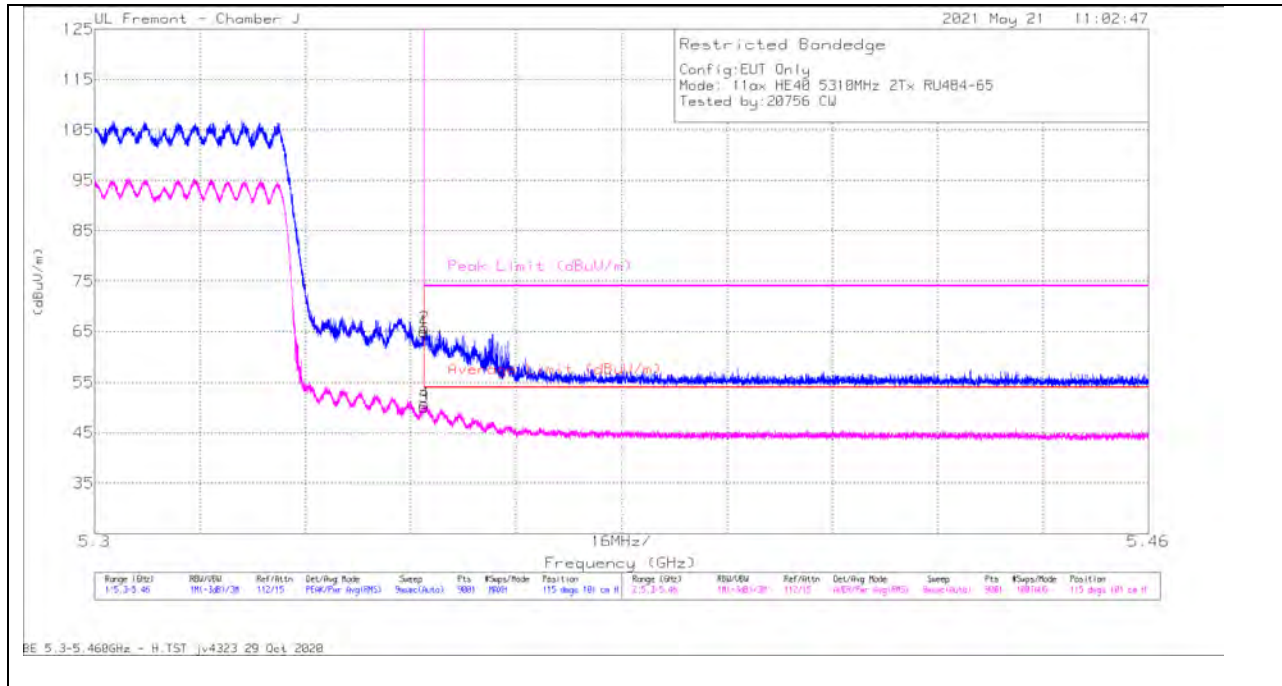
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF PRE0100 034 (dB/m)	Amp/Cb/ Ftr/Pad (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 5.35001	49.24	Pk	34.5	-20.4	63.34	-	-	74	-10.66	201	109	V
2	* 5.35245	54.63	Pk	34.5	-20.4	68.73	-	-	74	-5.27	201	109	V
3	* 5.35001	29.97	RMS	34.5	-20.4	44.07	54	-9.93	-	-	201	109	V
4	* 5.35012	31.63	RMS	34.5	-20.4	45.273	54	-8.16	-	-	201	109	V

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

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

BANDEDGE (HIGH CHANNEL)

HORIZONTAL RESULT



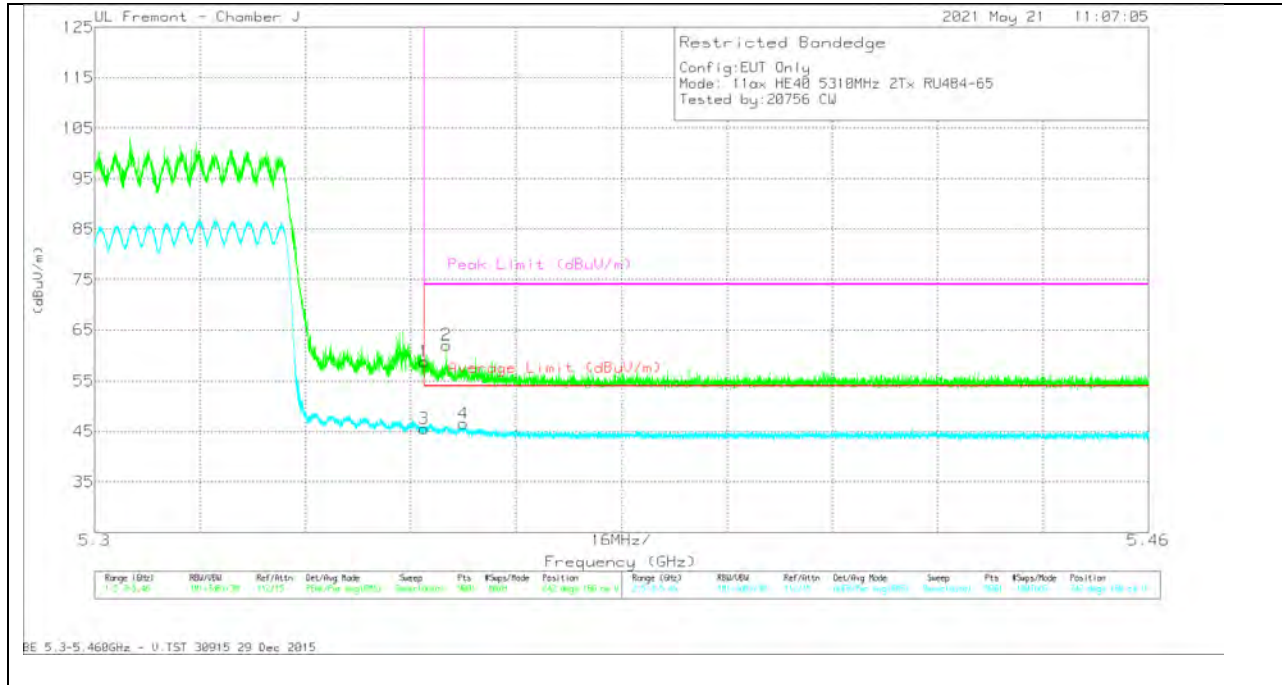
Marker	Frequen cy (GHz)	Meter Reading (dBuV)	Det	AF PRE0100 034 (dB/m)	Amp/Cbl /Filtr/Pad (dB)	Correcte d Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 5.35001	50.85	Pk	34.5	-20.4	64.95	-	-	74	-9.05	115	101	H
2	* 5.3501	51.55	Pk	34.5	-20.4	65.65	-	-	74	-8.35	115	101	H
3	* 5.35001	36.01	RMS	34.5	-20.4	50.11	54	-3.89	-	-	115	101	H
4	* 5.35012	36.64	RMS	34.5	-20.4	50.74	54	-3.26	-	-	115	101	H

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

Pk - Peak detector

RMS - RMS detection

VERTICAL RESULT

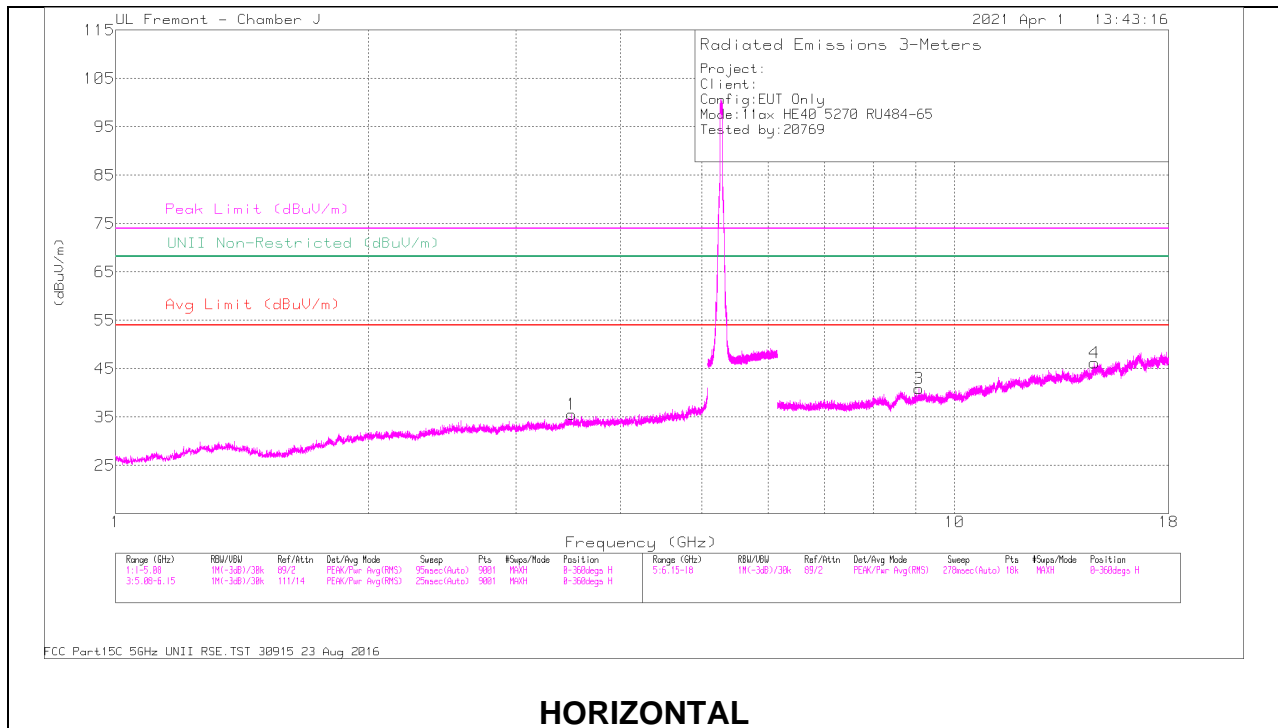


Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF PRE0100 034 (dB/m)	Amp/Cbl /Ftr/Pad (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 5.35001	44.75	Pk	34.5	-20.4	58.85	-	-	74	-15.15	242	160	V
2	* 5.35342	48	Pk	34.5	-20.4	62.1	-	-	74	-11.9	242	160	V
3	* 5.35001	31.44	RMS	34.5	-20.4	45.54	54	-8.46	-	-	242	160	V
4	* 5.35597	32.39	RMS	34.6	-20.4	46.59	54	-7.41	-	-	242	160	V

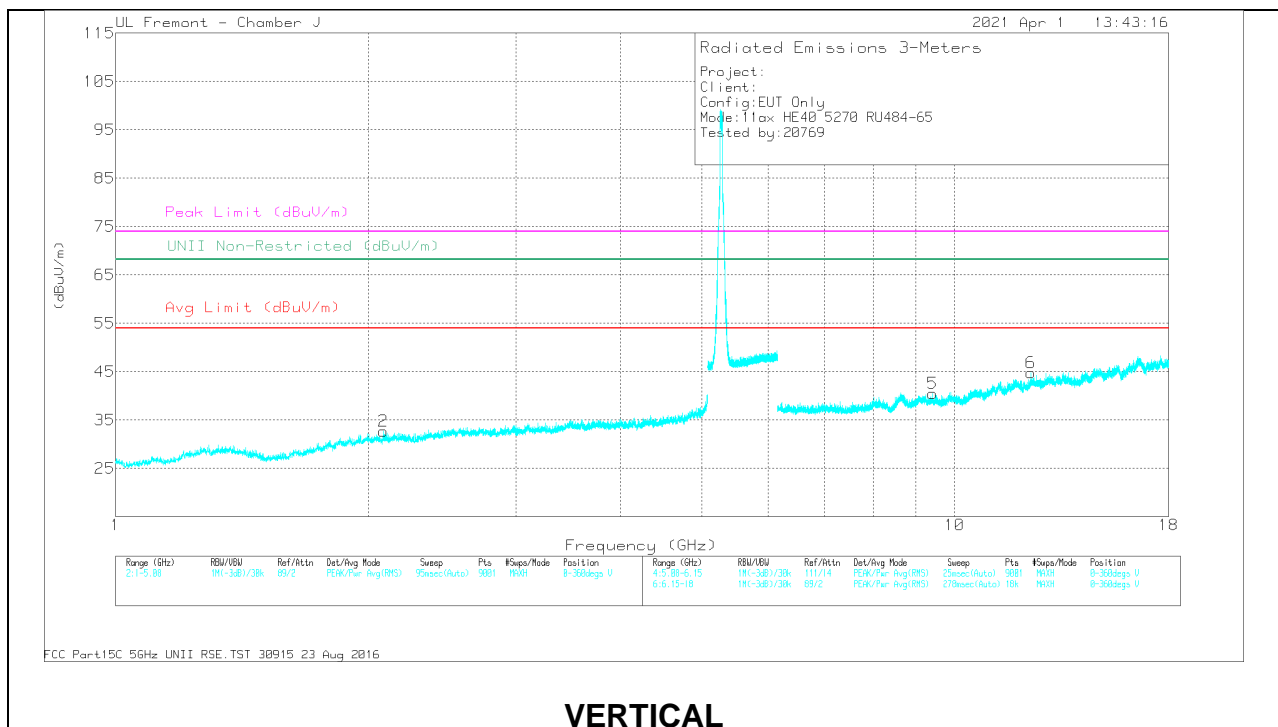
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band
 Pk - Peak detector
 RMS - RMS detection

HARMONICS AND SPURIOUS EMISSIONS

LOW CHANNEL RESULTS



HORIZONTAL



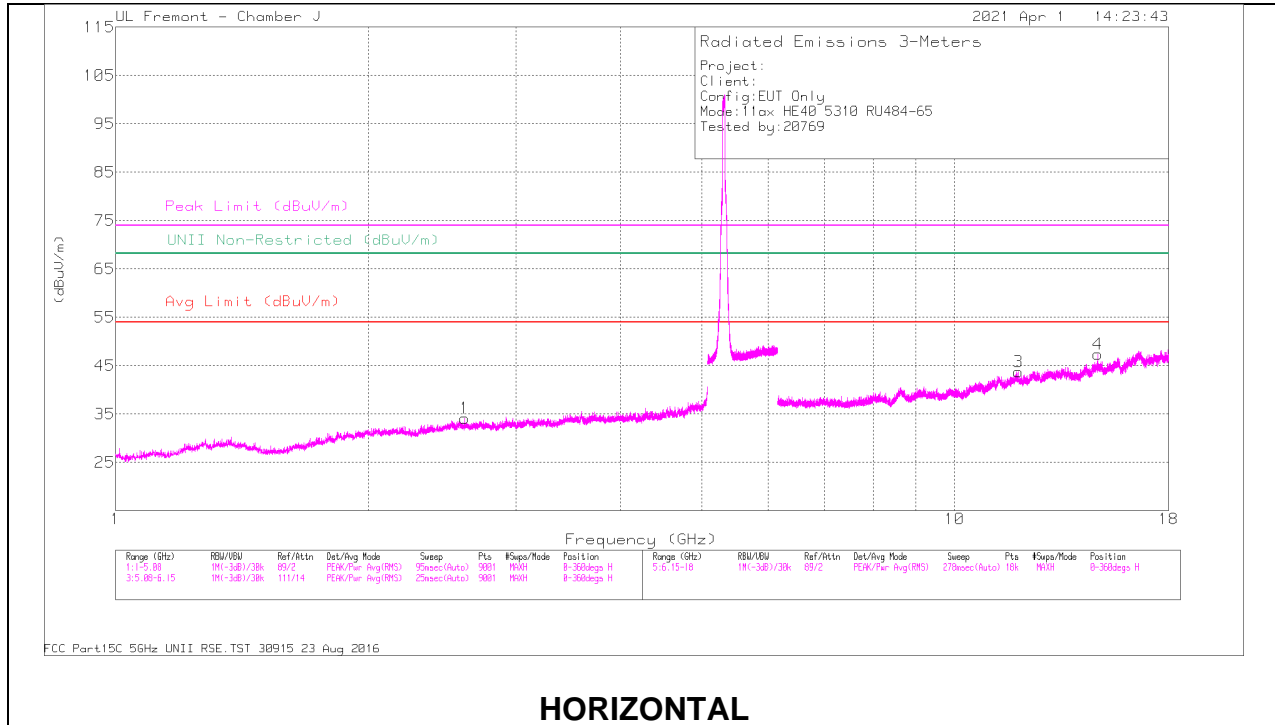
VERTICAL

RADIATED EMISSIONS

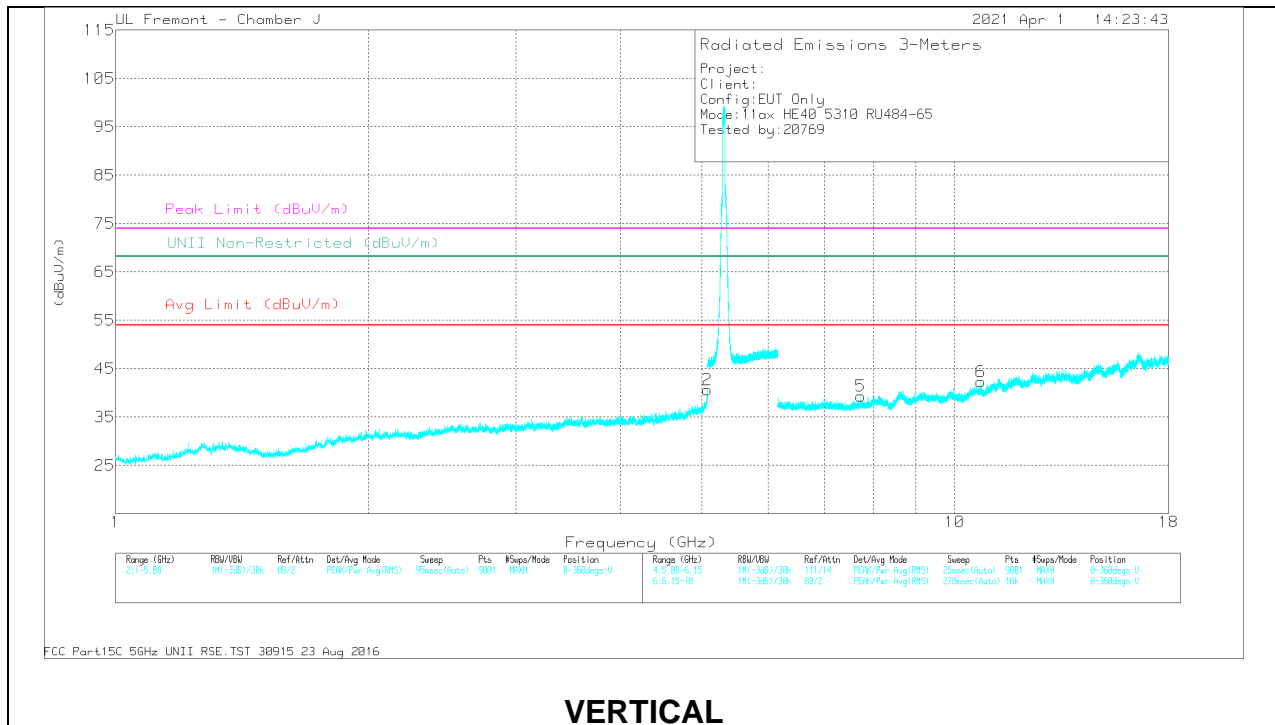
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF PRE010 0034 (dB/m)	Amp/Cb I/Filtr/PA d (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	3.49316	43.88	PK-U	33.1	-32.8	44.18	-	-	-	-	68.2	-24.02	62	120	H
	3.49467	32.5	ADR	33.1	-32.7	32.9	-	-	-	-	-	-	62	120	H
2	2.08693	44.89	PK-U	31.5	-34.9	41.49	-	-	-	-	68.2	-26.71	213	139	V
	2.08512	33.43	ADR	31.5	-34.9	30.03	-	-	-	-	-	-	213	139	V
3	* 9.07505	36.09	PK-U	36.6	-24.4	48.29	-	-	74	-25.71	-	-	334	109	H
	* 9.07712	24.94	ADR	36.6	-24.4	37.14	54	-16.86	-	-	-	-	334	109	H
4	14.68222	34.42	PK-U	40	-19.2	55.22	-	-	-	-	68.2	-12.98	293	117	H
	14.68431	22.39	ADR	39.9	-19.2	43.09	-	-	-	-	-	-	293	117	H
5	* 9.42339	37.03	PK-U	36.9	-24.4	49.53	-	-	74	-24.47	-	-	230	277	V
	* 9.42453	24.87	ADR	36.9	-24.4	37.37	54	-16.63	-	-	-	-	230	277	V
6	* 12.33745	35.29	PK-U	39.1	-21.4	52.99	-	-	74	-21.01	-	-	117	336	V
	* 12.33552	23.75	ADR	39.1	-21.4	41.45	54	-12.55	-	-	-	-	117	336	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

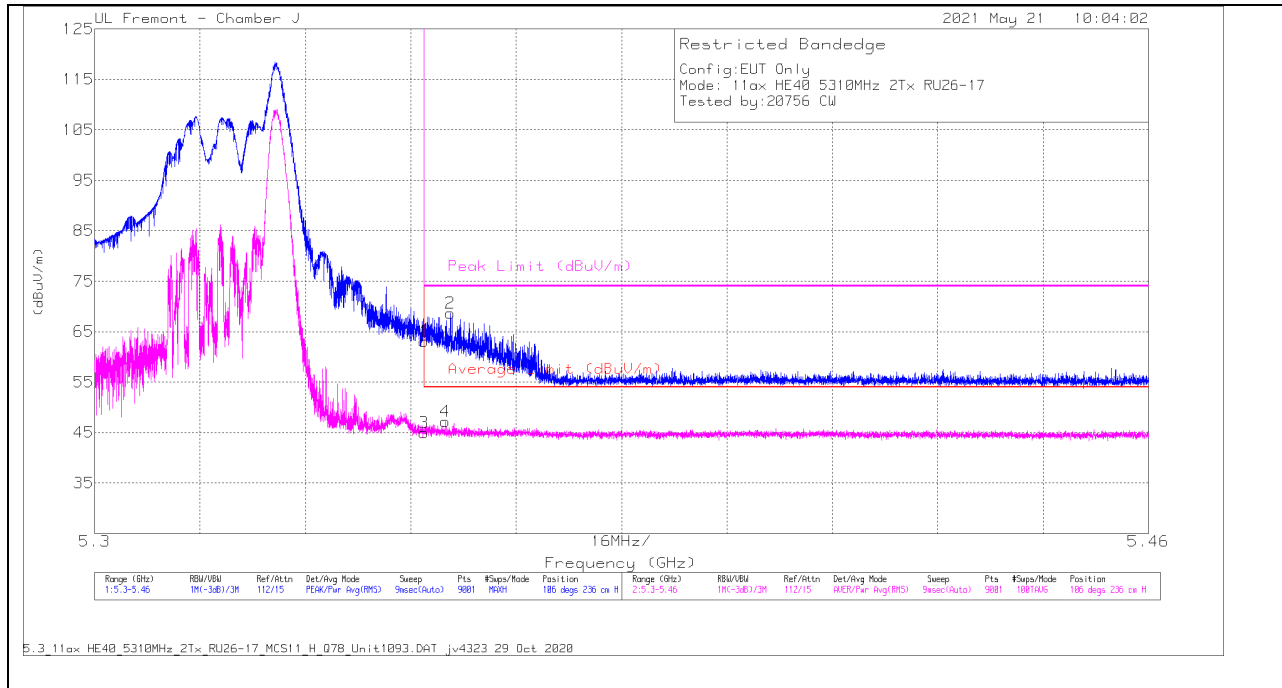
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF PRE010 0034 (dB/m)	Amp/Cb I/Fitr/Paid (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	2.60955	44.8	PK-U	32.7	-34.6	42.9	-	-	-	-	68.2	-25.3	230	125	H
	2.60949	33.31	ADR	32.7	-34.6	31.41	-	-	-	-	-	-	230	125	H
2	* 5.07847	41.16	PK-U	34.4	-24.7	50.86	-	-	74	-23.14	-	-	343	163	V
	* 5.07774	29.42	ADR	34.4	-24.9	38.92	54	-15.08	-	-	-	-	343	163	V
3	* 11.91481	35.28	PK-U	38.9	-22.1	52.08	-	-	74	-21.92	-	-	91	189	H
	* 11.91521	23.57	ADR	38.9	-22.1	40.37	54	-13.63	-	-	-	-	91	189	H
4	14.8274	34.03	PK-U	40	-19.2	54.83	-	-	-	-	68.2	-13.37	261	361	H
	14.82881	22.4	ADR	40	-19.1	43.3	-	-	-	-	-	-	261	361	H
5	* 7.73579	38.67	PK-U	36.1	-26.4	48.37	-	-	74	-25.63	-	-	238	232	V
	* 7.73747	26.73	ADR	36.1	-26.4	36.43	54	-17.57	-	-	-	-	238	232	V
6	* 10.7583	35.78	PK-U	38.1	-22.9	50.98	-	-	74	-23.02	-	-	38	266	V
	* 10.75773	23.89	ADR	38.1	-22.9	39.09	54	-14.91	-	-	-	-	38	266	V

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

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

BANDEDGE (HIGH CHANNEL)

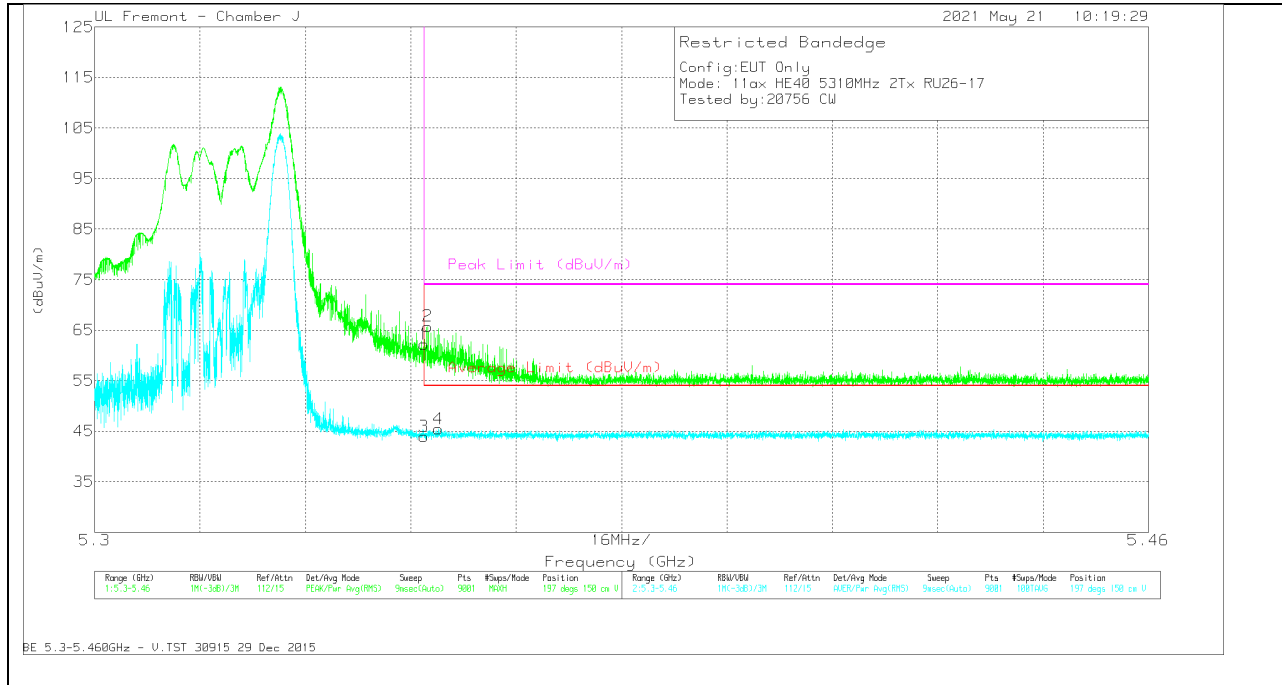
HORIZONTAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF PRE0100 034 (dB/m)	Amp/Cb/ Ftr/Pad (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 5.35001	49.03	Pk	34.5	-20.4	63.13	-	-	74	-10.87	106	236	H
2	* 5.35403	54.56	Pk	34.5	-20.4	68.66	-	-	74	-5.34	106	236	H
3	* 5.35001	30.87	RMS	34.5	-20.4	44.97	54	-9.03	-	-	106	236	H
4	* 5.35325	33.06	RMS	34.5	-20.4	47.16	54	-6.84	-	-	106	236	H

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

VERTICAL RESULT

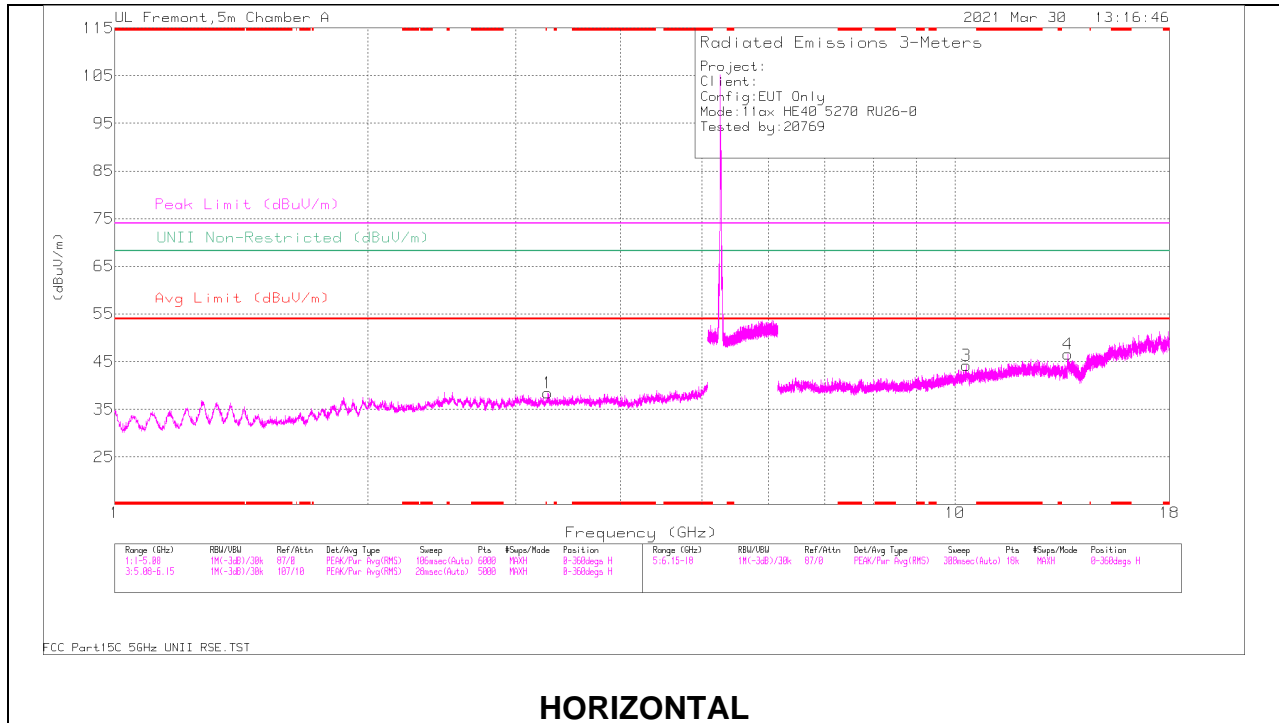


Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF PRE0100 034 (dB/m)	Amp/Cb/ Fitr/Pad (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 5.35001	48.13	Pk	34.5	-20.4	62.23	-	-	74	-11.77	197	150	V
2	* 5.35054	51.65	Pk	34.5	-20.4	65.75	-	-	74	-8.25	197	150	V
3	* 5.35001	29.83	RMS	34.5	-20.4	43.93	54	-10.07	-	-	197	150	V
4	* 5.35214	31.36	RMS	34.5	-20.4	45.46	54	-8.54	-	-	197	150	V

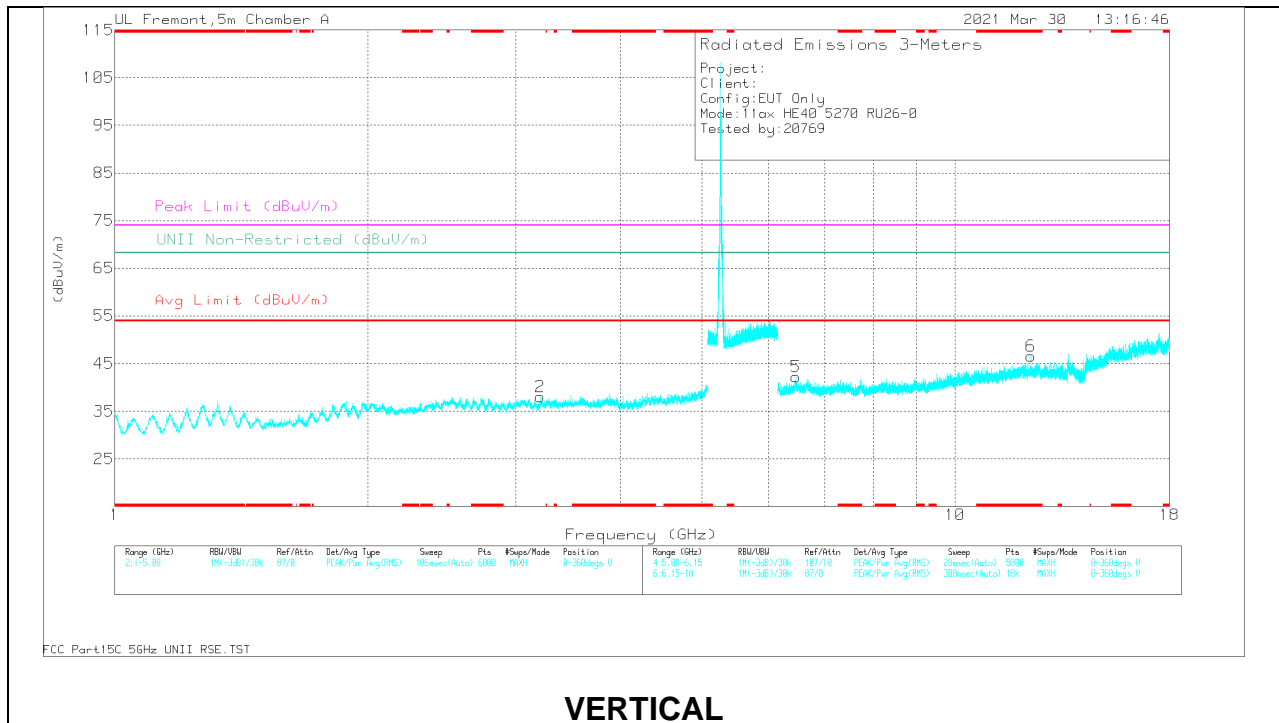
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band
 Pk - Peak detector
 RMS - RMS detection

HARMONICS AND SPURIOUS EMISSIONS

LOW CHANNEL RESULTS



HORIZONTAL



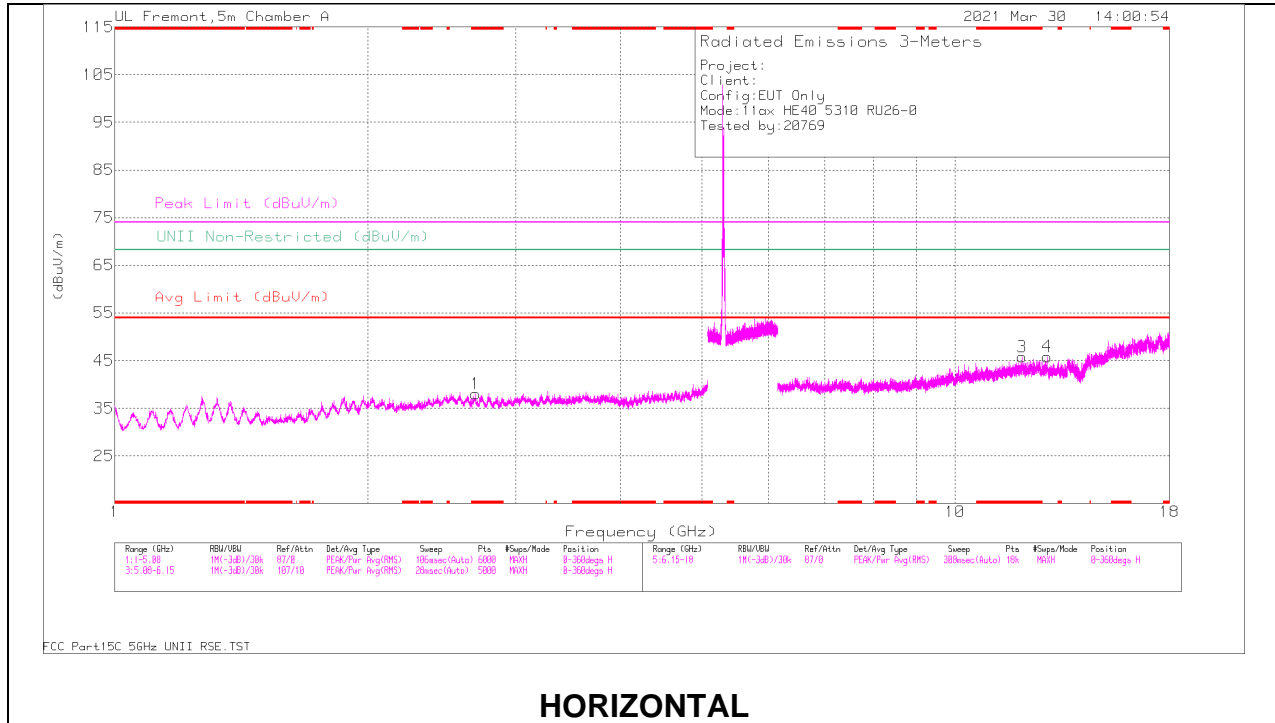
VERTICAL

RADIATED EMISSIONS

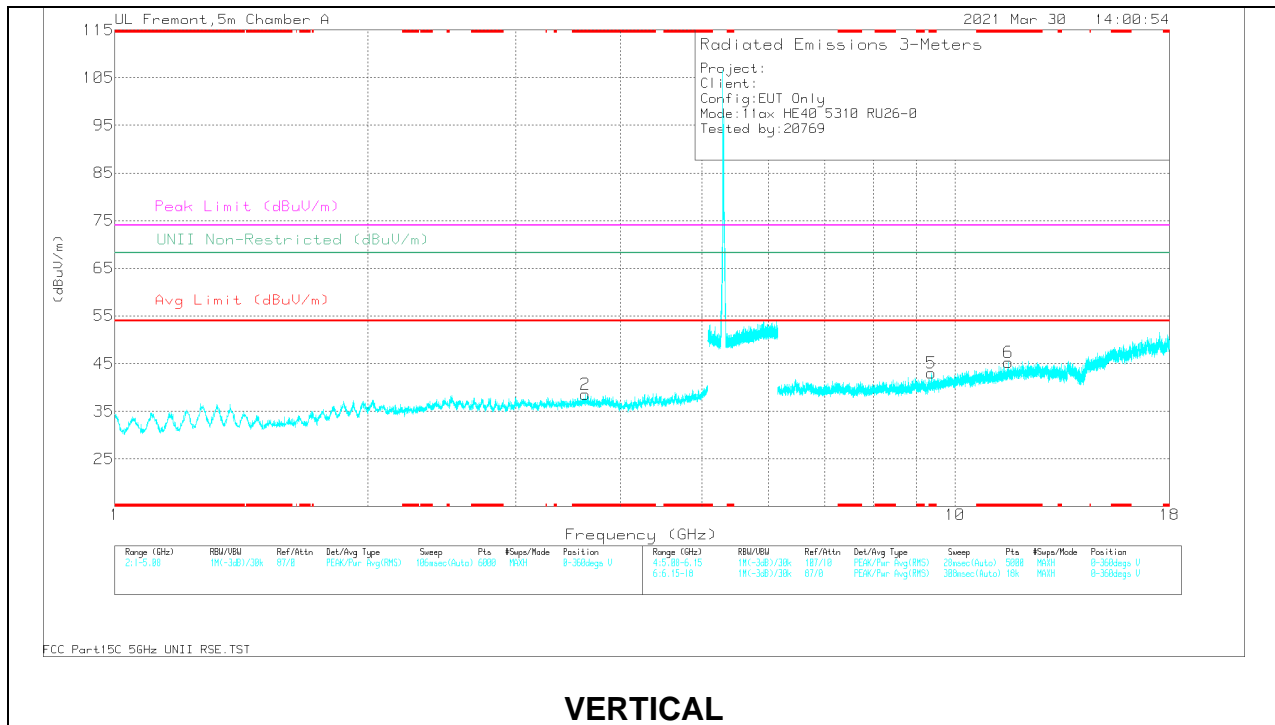
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T136 (dB/m)	Amp/Cb I/Filtr/Pa d (dB)	Correct ed Reading (dBuV/ m)	Avg Limit (dBuV/ m)	Margin (dB)	Peak Limit (dBuV/ m)	PK Margin (dB)	UNII Non-Restrict ed (dBuV/ m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
6	* 12.31549	31.9	PK-U	39	-18.2	52.7	-	-	74	-21.3	-	-	16	283	V
	* 12.31654	16.61	ADR	39	-18.3	37.31	54	-16.69	-	-	-	-	16	283	V
2	3.20926	27.47	ADR	32.9	-27.9	32.47	-	-	-	-	-	-	286	167	V
	3.21122	39.94	PK-U	32.9	-27.9	44.94	-	-	-	-	68.2	-23.26	286	167	V
1	3.2761	27.07	ADR	33	-27.7	32.37	-	-	-	-	-	-	301	167	H
	3.27879	39.91	PK-U	33.1	-27.6	45.41	-	-	-	-	68.2	-22.79	301	167	H
5	6.46898	21.16	ADR	36.4	-21.9	35.66	-	-	-	-	-	-	164	166	V
	6.46994	35.15	PK-U	36.4	-22	49.55	-	-	-	-	68.2	-18.65	164	166	V
3	10.32388	31.76	PK-U	37.7	-18.9	50.56	-	-	-	-	68.2	-17.64	123	310	H
	10.32466	16.99	ADR	37.7	-18.9	35.79	-	-	-	-	-	-	123	310	H
4	13.63712	33.05	PK-U	38.8	-18.1	53.75	-	-	-	-	68.2	-14.45	316	118	H
	13.63896	17.7	ADR	38.8	-18.1	38.4	-	-	-	-	-	-	316	118	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 T136 (dB/m)	Amp/Cb I/Filtr/Pa d (dB)	Correct ed Reading (dBuV/ m)	Avg Limit (dBuV/ m)	Margin (dB)	Peak Limit (dBuV/ m)	PK Margin (dB)	UNII Non-Restrict ed (dBuV/ m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.69006	40.84	PK-U	32.9	-29	44.74	-	-	74	-29.26	-	-	321	167	H
	* 2.69011	28.06	ADR	32.9	-29	31.96	54	-22.04	-	-	-	-	321	167	H
2	* 3.63104	38.94	PK-U	33.4	-27.5	44.84	-	-	74	-29.16	-	-	191	280	V
	* 3.62907	25.94	ADR	33.4	-27.5	31.84	54	-22.16	-	-	-	-	191	280	V
3	* 12.0157	31.88	PK-U	39	-18	52.88	-	-	74	-21.12	-	-	67	323	H
	* 12.01471	16.72	ADR	39	-18	37.72	54	-16.28	-	-	-	-	67	323	H
5	* 9.37649	33.17	PK-U	36.6	-20.9	48.87	-	-	74	-25.13	-	-	52	165	V
	* 9.37543	19.01	ADR	36.6	-20.9	34.71	54	-19.29	-	-	-	-	52	165	V
6	* 11.58077	31.56	PK-U	38.5	-18.6	51.46	-	-	74	-22.54	-	-	0	139	V
	* 11.57748	16.52	ADR	38.5	-18.6	36.42	54	-17.58	-	-	-	-	0	139	V
4	12.67457	16.62	ADR	39.1	-17.9	37.82	-	-	-	-	-	-	306	275	H
	12.87558	31.34	PK-U	39.1	-17.9	52.54	-	-	-	-	68.2	-15.66	306	275	H

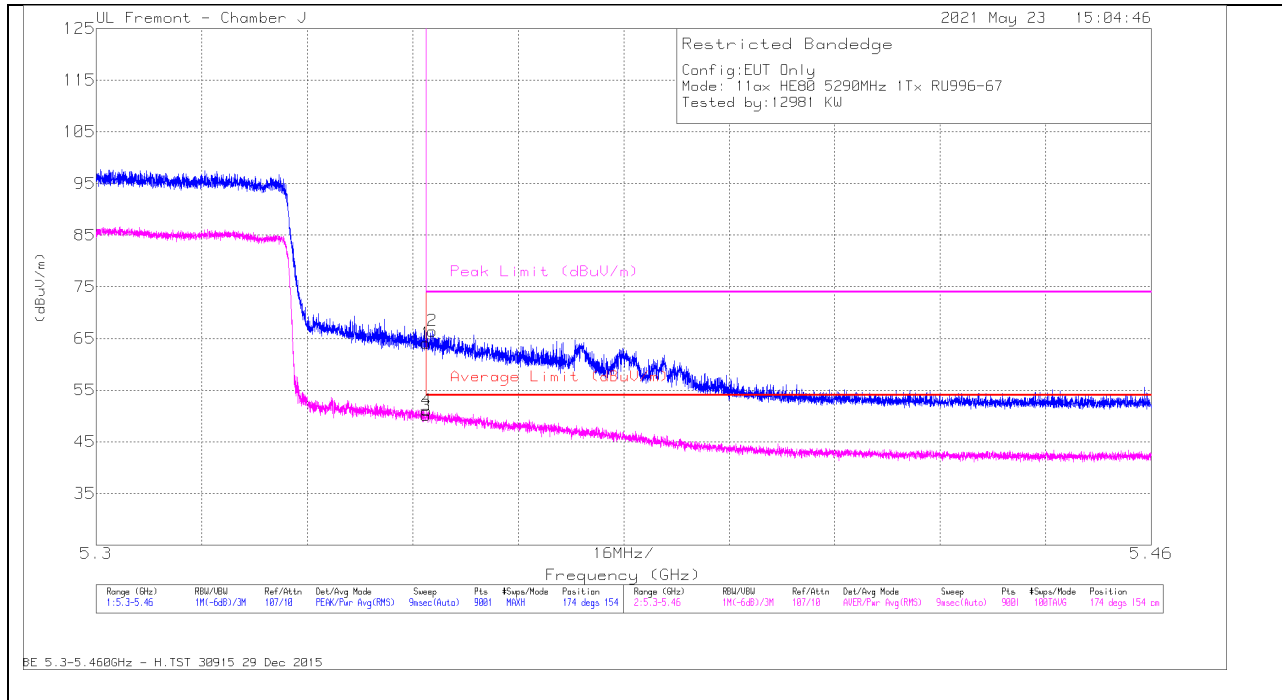
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band
 PK-U - U-NII: Maximum Peak
 ADR - U-NII AD primary method, RMS average

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

1TX ANT 6 – 996 Tones, RU Index 67

BANDEDGE (MID CHANNEL)

HORIZONTAL RESULT



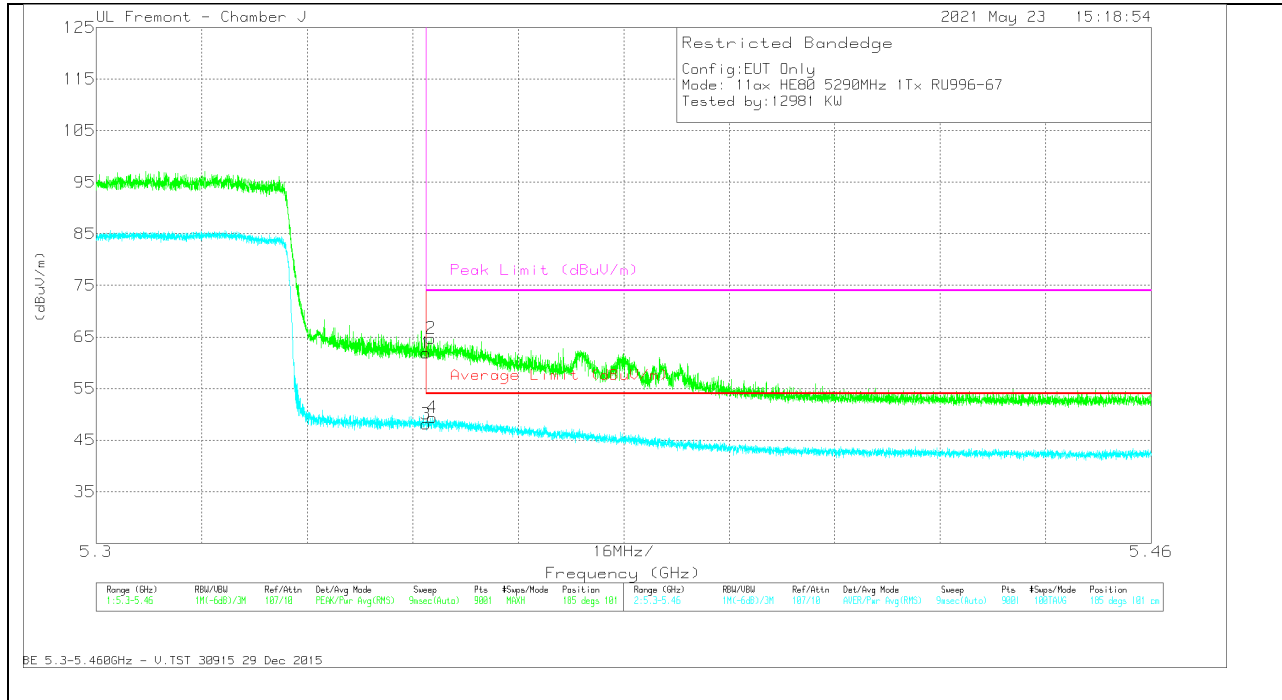
Marker	Frequenc y (GHz)	Meter Reading (dBuV)	Det	AF PRE0100 034 (dB/m)	Amp/Cb/ Fitr/Pad (dB)	Correcte d Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 5.35001	49.97	Pk	34.5	-20.4	64.07	-	-	74	-9.93	174	154	H
2	* 5.35099	52.35	PK	34.5	-20.4	66.45	-	-	74	-7.55	174	154	H
3	* 5.35001	35.97	RMS	34.5	-20.4	50.07	54	-3.93	-	-	174	154	H
4	* 5.35012	36.96	RMS	34.5	-20.4	51.06	54	-2.94	-	-	174	154	H

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

Pk - Peak detector

RMS - RMS detection

VERTICAL RESULT



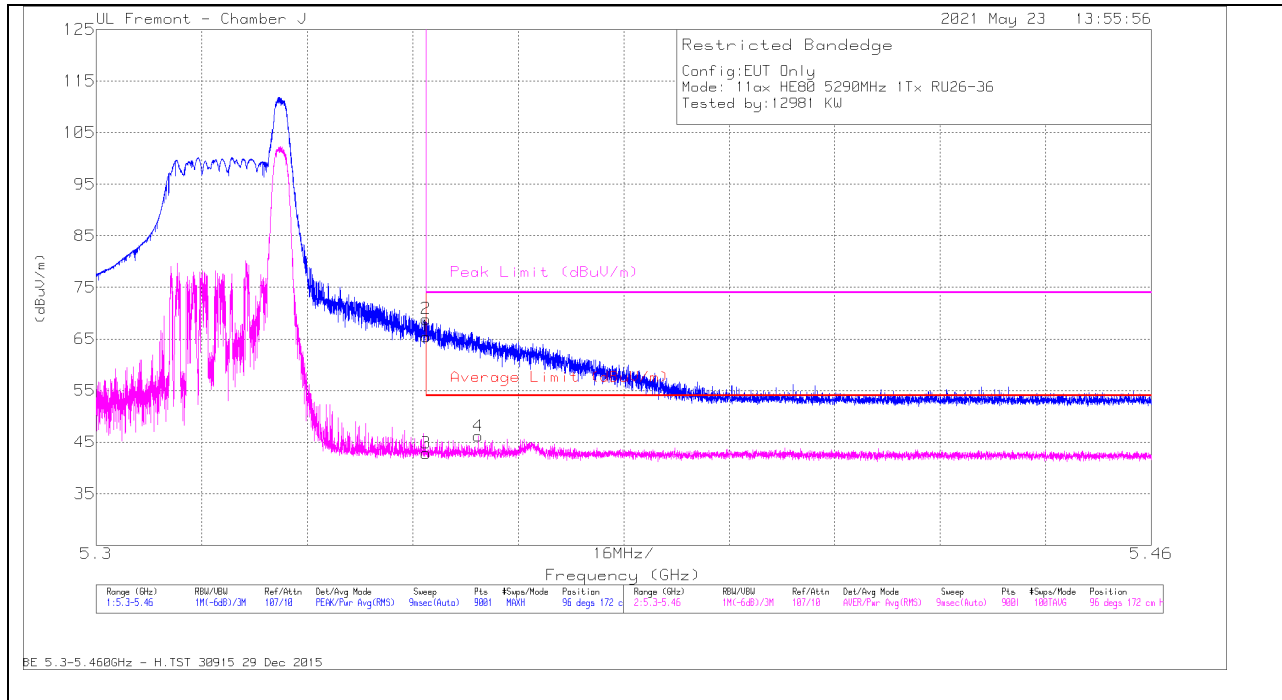
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF PRE0100 034 (dB/m)	Amp/Cb/ Filt/Pad (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 5.35001	47.77	Pk	34.5	-20.4	61.87	-	-	74	-12.13	185	101	V
2	* 5.35076	50.62	Pk	34.5	-20.4	64.72	-	-	74	-9.28	185	101	V
3	* 5.35001	34.03	RMS	34.5	-20.4	48.13	54	-5.87	-	-	185	101	V
4	* 5.35095	35.27	RMS	34.5	-20.4	49.37	54	-4.63	-	-	185	101	V

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

1TX ANT 6 – 26 Tones, RU Index 36

BANDEDGE (MID CHANNEL)

HORIZONTAL RESULT



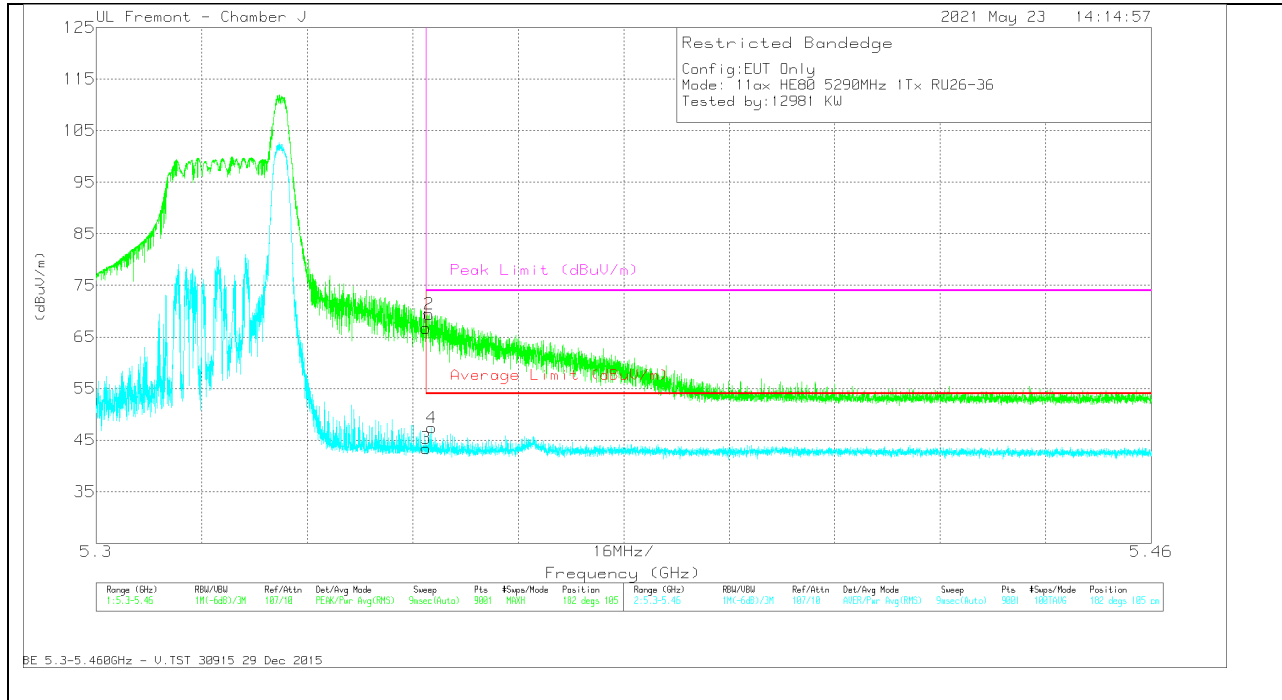
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF PRE0100 034 (dB/m)	Amp/Cbl /Ftr/Pad (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 5.35001	51.38	Pk	34.5	-20.4	65.48	-	-	74	-8.52	96	172	H
2	* 5.35005	54.79	Pk	34.5	-20.4	68.89	-	-	74	-5.11	96	172	H
3	* 5.35001	28.74	RMS	34.5	-20.4	42.84	54	-11.16	-	-	96	172	H
4	* 5.3579	31.96	RMS	34.6	-20.4	46.16	54	-7.84	-	-	96	172	H

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

Pk - Peak detector

RMS - RMS detection

VERTICAL RESULT



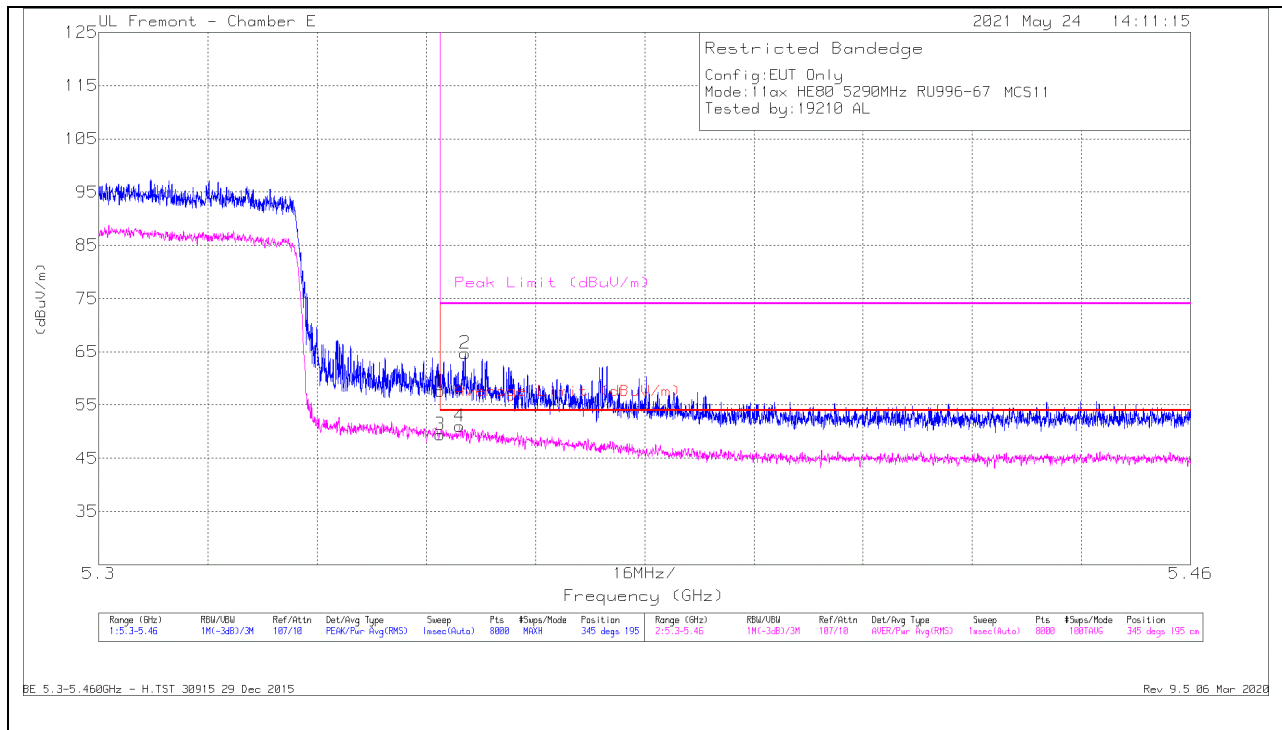
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF PRE0100 034 (dB/m)	Amp/Cbl /Ftr/Pad (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 5.35001	52.63	Pk	34.5	-20.4	66.73	-	-	74	-7.27	182	105	V
2	* 5.35049	55.29	Pk	34.5	-20.4	69.39	-	-	74	-4.61	182	105	V
3	* 5.35001	29.32	RMS	34.5	-20.4	43.42	54	-10.58	-	-	182	105	V
4	* 5.3509	33.27	RMS	34.5	-20.4	47.37	54	-6.63	-	-	182	105	V

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

1TX ANT 5 – 996 Tones, RU Index 67

BANDEDGE (MID CHANNEL)

HORIZONTAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF PRE0078 107 (dB/m)	Amp/CbW Filt/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	* 5.35001	43.64	Pk	34.7	-20.7	57.64	-	-	74	-16.36	345	195	H
2	* 5.35369	50.73	Pk	34.7	-20.7	64.73	-	-	74	-9.27	345	195	H
3	* 5.35001	35.44	RMS	34.7	-20.7	49.44	54	-4.56	-	-	345	195	H
4	* 5.35287	37.03	RMS	34.7	-20.7	51.03	54	-2.97	-	-	345	195	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 06 Mar 2020