



TEST REPORT

Report Number: 14523758-E6V2 & E7V2

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

Model : A2846 (Parent Model)
A3089, A3090, A3092 (Variant Models)

FCC ID : BCG-E8427A (Parent Model)
BCG-E8428A, BCG-E8429A, BCG-E8430A (variant Models)

IC : 579C-E8427A (Parent Model)
579C-E8428A, 579C-E8429A, 579C-E8430A (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

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REPORT REVISION HISTORY

Rev.	Issue Date	Revisions	Revised By
V1	06/28/2023	Initial Issue	Chin Pang
V2	07/09/2023	Address TCB's question on duty cycle factor	Chin Pang

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1. RADIATED TEST RESULTS

LIMITS

FCC §15.205 and §15.209 -Restricted bands

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

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 and 1.5 meters 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 in the 30-1000MHz range, 9kHz for peak and/or quasi-peak detection measurements in the 0.15-30MHz range and 200Hz for peak and/or quasi-peak detection measurements in the 9 to 150kHz range. Peak detection is used unless otherwise noted as quasi-peak or average (9-90kHz and 110-490kHz).

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.

Note: The limits in CFR 47, Part 15, Subpart C, paragraph 15.209(a), are identical to those in RSS-Gen section 8.9, Table 6, since the measurements are performed in terms of magnetic field strength and converted to electric field strength levels (as report in the table) using free space impedance of 377 Ohms. For example, the measurement at frequency X kHz resulted in a level of Y dBuV/m, which is equivalent to $Y-51.5 = Z$ dBuA/m, which has the same margin, W dB to the corresponding RSS-Gen Table 6 limit as it has to 15.209(a) limit.

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. ON TIME AND DUTY CYCLE

LIMITS

None; for reporting purposes only.

PROCEDURE

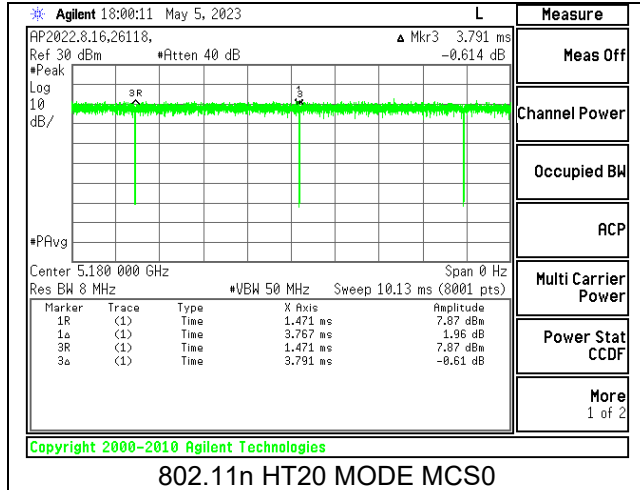
KDB 558074 Zero-Span Spectrum Analyzer Method.

ON TIME AND DUTY CYCLE RESULTS

Mode	ON Time B (msec)	Period (msec)	Duty Cycle x (linear)	Duty Cycle (%)	Duty Cycle Correction Factor (dB)	1/B Minimum VBW (kHz)
5GHz Band						
802.11n HT20 MCS0	3.767	3.791	0.994	99.37%	0.00	0.010
802.11n HT20 MCS7	0.228	0.250	0.914	91.38%	0.39	4.386
802.11n HT40 MCS0	4.793	4.818	0.995	99.48%	0.00	0.010
802.11n HT40 MCS7	0.128	0.149	0.861	86.10%	0.65	7.800
802.11ac VHT80 MCS0	2.239	2.267	0.988	98.76%	0.00	0.010
802.11ac VHT80 MCS9	0.093	0.116	0.804	80.42%	0.95	10.738
802.11ax HE20 RU26, MCS0	3.992	4.025	0.992	99.18%	0.00	0.010
802.11ax HE20 RU26, MCS11	0.292	0.327	0.894	89.41%	0.49	3.425
802.11ax HE20 RU106, MCS0	3.518	3.540	0.994	99.38%	0.00	0.010
802.11ax HE20 RU106 MCS11	0.940	0.964	0.975	97.51%	0.11	1.064
802.11ax HE40 RU26, MCS0	3.992	4.025	0.992	99.18%	0.00	0.010
802.11ax HE40 RU26, MCS11	0.293	0.325	0.901	90.15%	0.45	3.415
802.11ax HE40 RU106, MCS0	3.519	3.550	0.991	99.13%	0.00	0.010
802.11ax HE40 RU106, MCS11	0.941	0.973	0.967	96.71%	0.15	1.063
802.11ax HE80 RU26, MCS0	3.992	4.035	0.989	98.93%	0.00	0.010
802.11ax HE80 RU26, MCS11	0.121	0.153	0.788	78.77%	1.04	8.292
802.11ax HE80 RU106, MCS0	3.516	3.550	0.990	99.04%	0.00	0.010
802.11ax HE80 RU106 MCS11	0.264	0.297	0.889	88.89%	0.51	3.786

Mode	ON Time B (msec)	Period (msec)	Duty Cycle x (linear)	Duty Cycle (%)	Duty Cycle Correction Factor (dB)	1/B Minimum VBW (kHz)
5GHz Band						
802.11ax HE20 SU, MCS0	1.487	1.511	0.984	98.41%	0.00	0.010
802.11ax HE20 SU, MCS11	0.147	0.168	0.875	87.50%	0.58	6.803
802.11ax HE40 SU, MCS0	0.771	0.795	0.970	97.03%	0.13	1.296
802.11ax HE40 SU, MCS11	0.102	0.123	0.829	82.93%	0.81	9.804
802.11ax HE80 SU, MCS0	0.400	0.423	0.947	94.68%	0.24	2.498
802.11ax HE80 SU, MCS11	0.082	0.105	0.784	78.39%	1.06	12.161
802.11n HT20 SDM MCS0	0.992	1.015	0.977	97.72%	0.10	1.008
802.11n HT40 SDM MCS0	0.500	0.523	0.955	95.55%	0.20	2.000
802.11ac VHT80 SDM MCS0	0.256	0.278	0.919	91.91%	0.37	3.914
802.11ax HE20 RU26 SDM MCS0	3.992	4.025	0.992	99.18%	0.00	0.010
802.11ax HE40 RU26 SDM MCS0	3.990	4.025	0.991	99.13%	0.00	0.010
802.11ax HE80 RU26 SDM MCS0	3.977	4.035	0.986	98.56%	0.00	0.010
802.11ax HE20 SU SDM MCS0	0.779	0.803	0.970	97.01%	0.13	1.284
802.11ax HE40 SU SDM MCS0	0.422	0.445	0.948	94.76%	0.23	2.372
802.11ax HE80 SU SDM MCS0	0.239	0.263	0.909	90.87%	0.42	4.184

DUTY CYCLE PLOTS



Note: There are same duty cycle factor on 1TX and 2TX

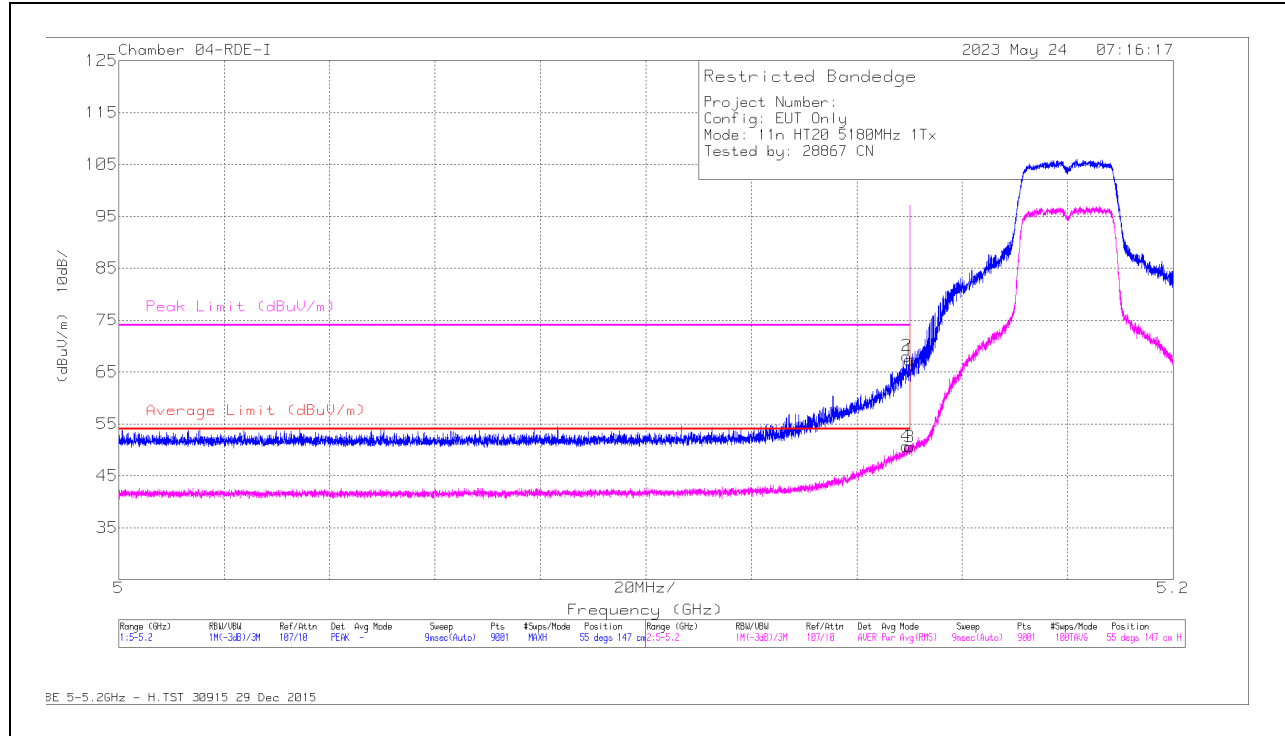
1.2. TRANSMITTER ABOVE 1 GHz

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

1TX Antenna 6 MODE

BANDEDGE (LOW CHANNEL)

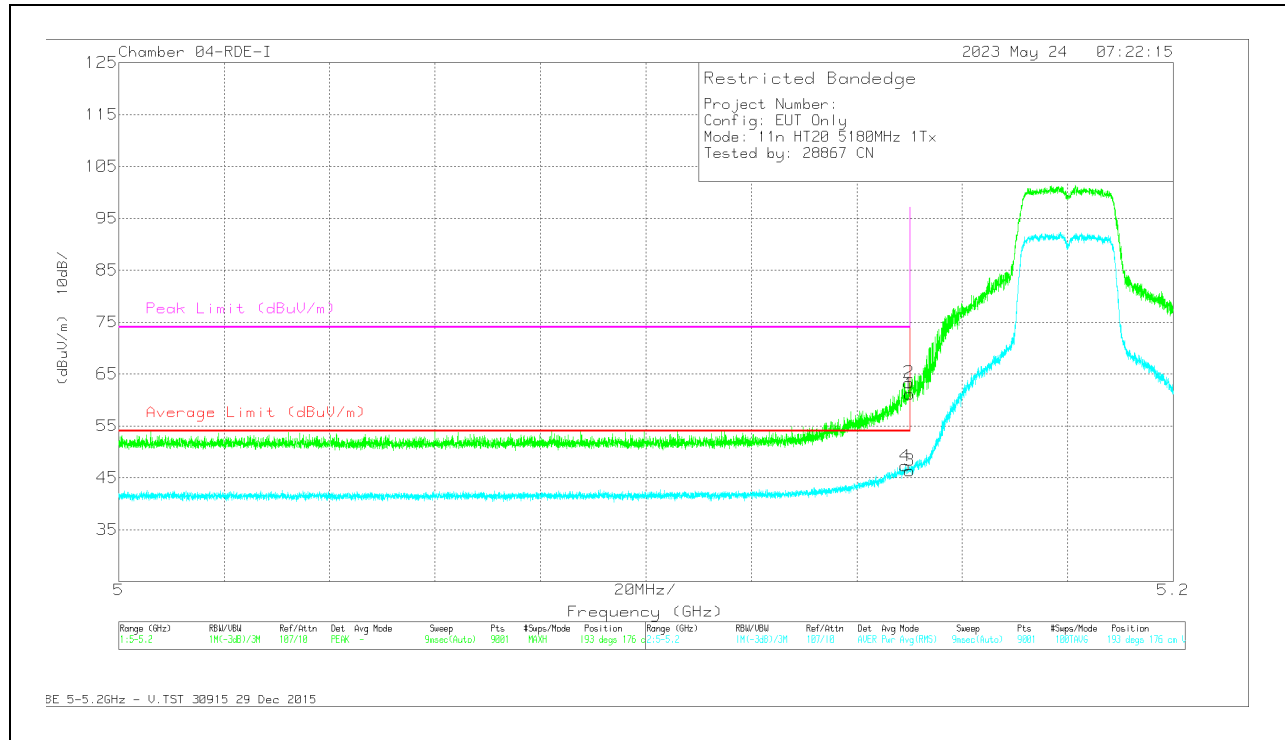
HORIZONTAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	84797 ACF (dB) - 3mH	Amp/Cbl/Pad (dB)	DCCF (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	51.66	PK	34.2	-18.5	0	67.36	-	-	74	-6.64	55	147	H
2	* 5.149487	52.4	PK	34.2	-18.5	0	68.1	-	-	74	-5.9	55	147	H
3	* 5.15	34.44	RMS	34.2	-18.5	.39	50.53	54	-3.47	-	-	55	147	H
4	* 5.149332	34.57	RMS	34.2	-18.5	.39	50.66	54	-3.34	-	-	55	147	H

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

VERTICAL RESULT



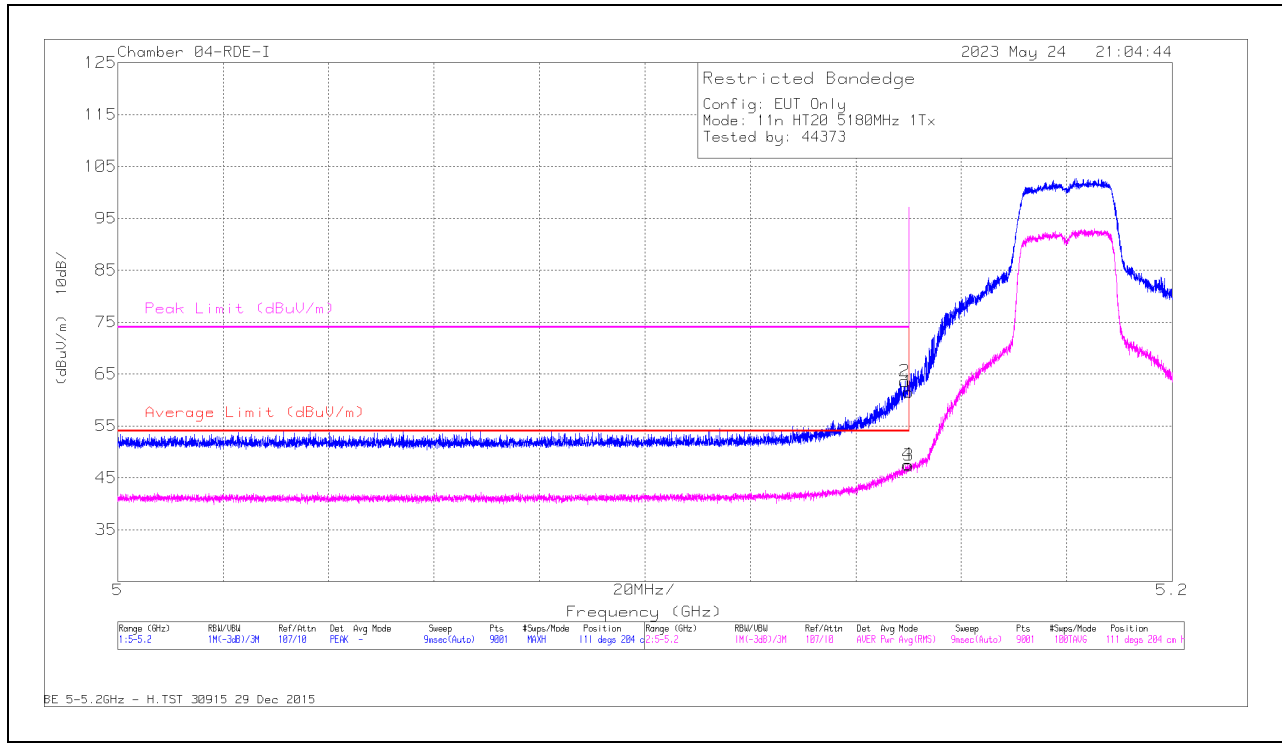
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	84797 ACF (dB) - 3mH	Amp/Cbl/Pad (dB)	DCCF (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 5.15	45.46	Pk	34.2	-18.5	0	61.16	-	-	74	-12.84	193	176	V
2	* 5.149887	47.63	Pk	34.2	-18.5	0	63.33	-	-	74	-10.67	193	176	V
3	* 5.15	30.28	RMS	34.2	-18.5	.39	46.37	54	-7.63	-	-	193	176	V
4	* 5.149176	31.17	RMS	34.2	-18.5	.39	47.26	54	-6.74	-	-	193	176	V

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

1TX Antenna 5 MODE

BANDEDGE (LOW CHANNEL)

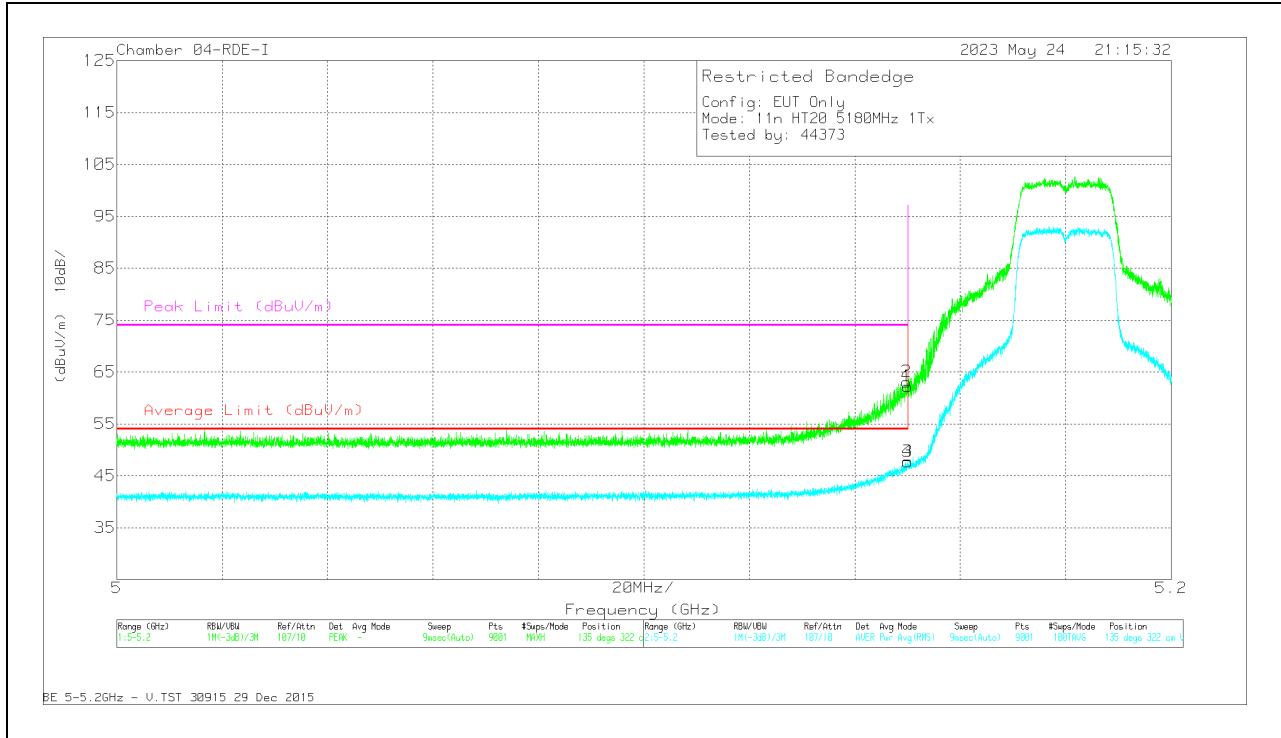
HORIZONTAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	84797 ACF (dB) - 3mH	Amp/Cbl/Pad (dB)	DCCF (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 5.15	45.84	Pk	34.2	-18.5	0	61.54	-	-	74	-12.46	111	204	H
2	* 5.149287	47.94	Pk	34.2	-18.5	0	63.64	-	-	74	-10.36	111	204	H
3	* 5.15	31.41	RMS	34.2	-18.5	.39	47.50	54	-6.50	-	-	111	204	H
4	* 5.149821	31.58	RMS	34.2	-18.5	.39	47.49	54	-6.51	-	-	111	204	H

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

VERTICAL RESULT



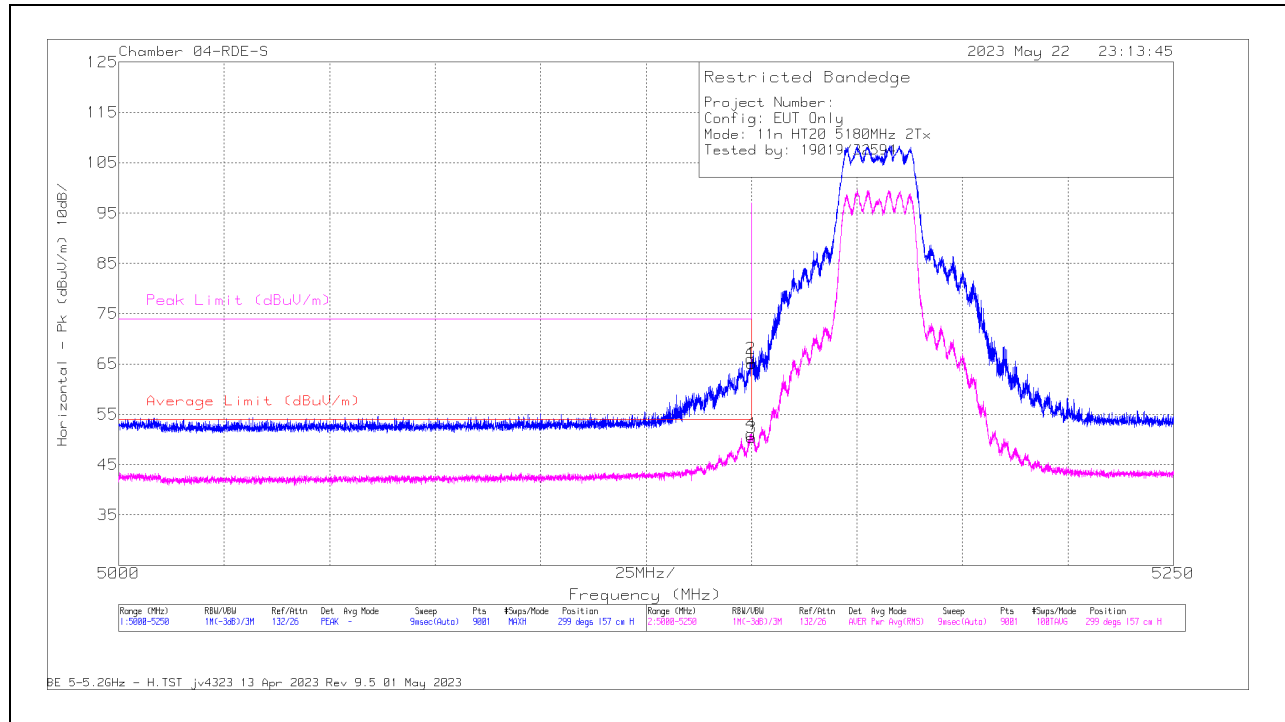
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	84797 ACF (dB) - 3mH	Amp/Cbl/Pad (dB)	DCCF (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 5.15	46.54	Pk	34.2	-18.5	0	62.24	-	-	74	-11.76	135	322	V
2	* 5.149799	47.42	Pk	34.2	-18.5	0	63.12	-	-	74	-10.88	135	322	V
3	* 5.15	31.74	RMS	34.2	-18.5	.39	47.83	54	-6.17	-	-	135	322	V
4	* 5.149999	31.77	RMS	34.2	-18.5	.39	47.86	54	-6.14	-	-	135	322	V

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

2TX Antenna 6 + Antenna 5 CDD MODE

BANDEDGE (LOW CHANNEL)

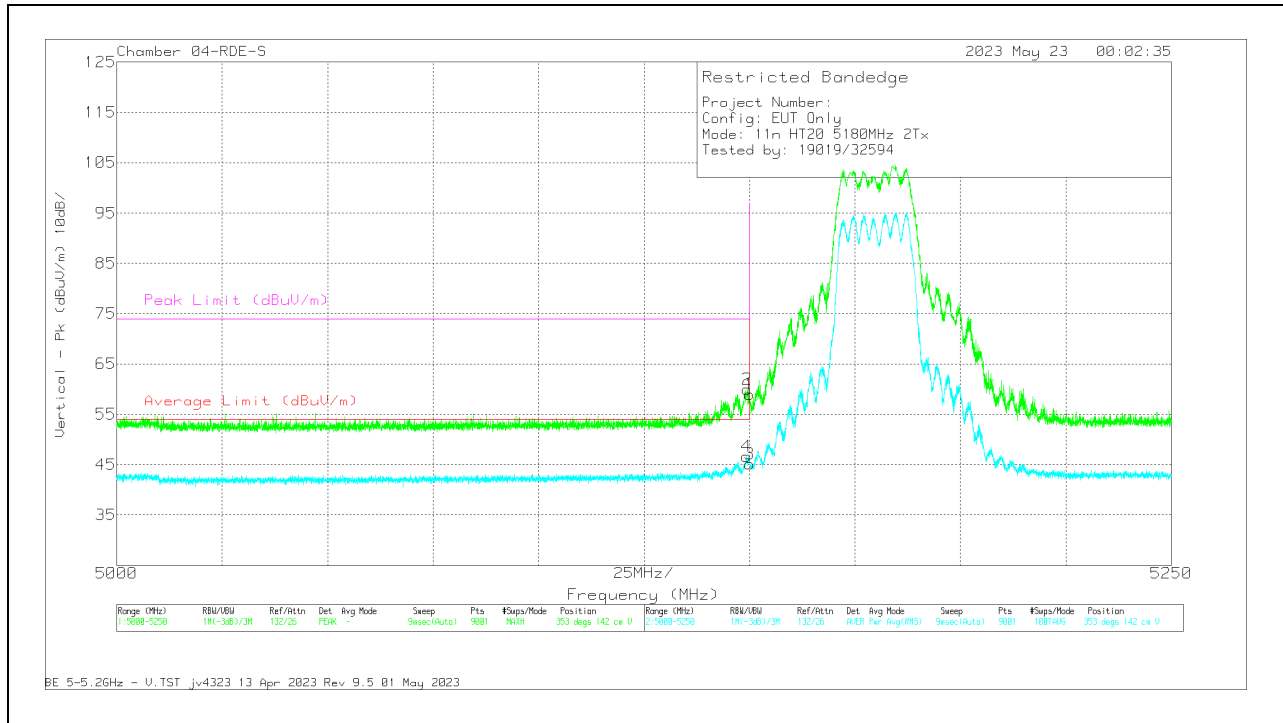
HORIZONTAL RESULT



Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	20078 4 ACF (dB) 3mH	DCCF (dB)	Gain/Loss (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
4	5149.807	54.92	RMS	34.3	.39	-38.38	51.23	54	-2.73	-	-	299	157	H
2	5149.89	70.19	Pk	34.3	0	-38.38	66.11	-	-	74	-7.89	299	157	H
1	5150	69.22	Pk	34.3	0	-38.38	65.14	-	-	74	-8.86	299	157	H
3	5150	54.24	RMS	34.3	.39	-38.38	50.55	54	-3.45	-	-	299	157	H

Pk - Peak detector
 RMS - RMS detection

VERTICAL RESULT

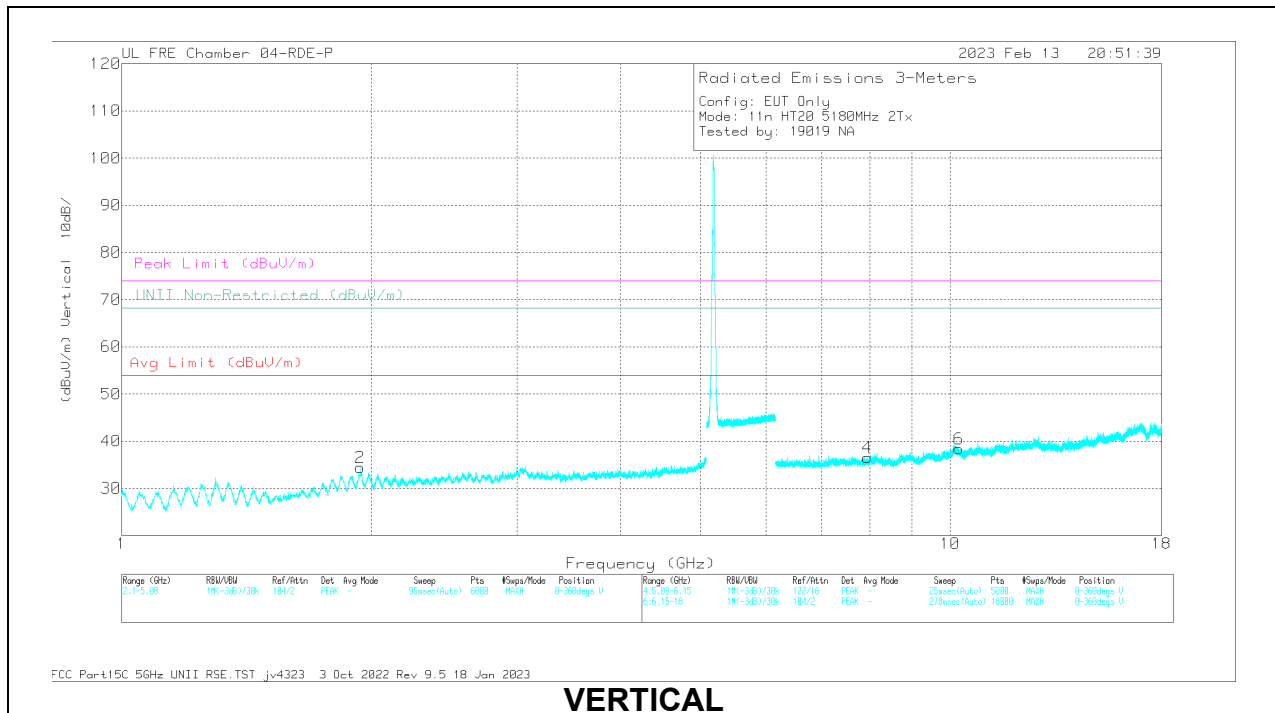
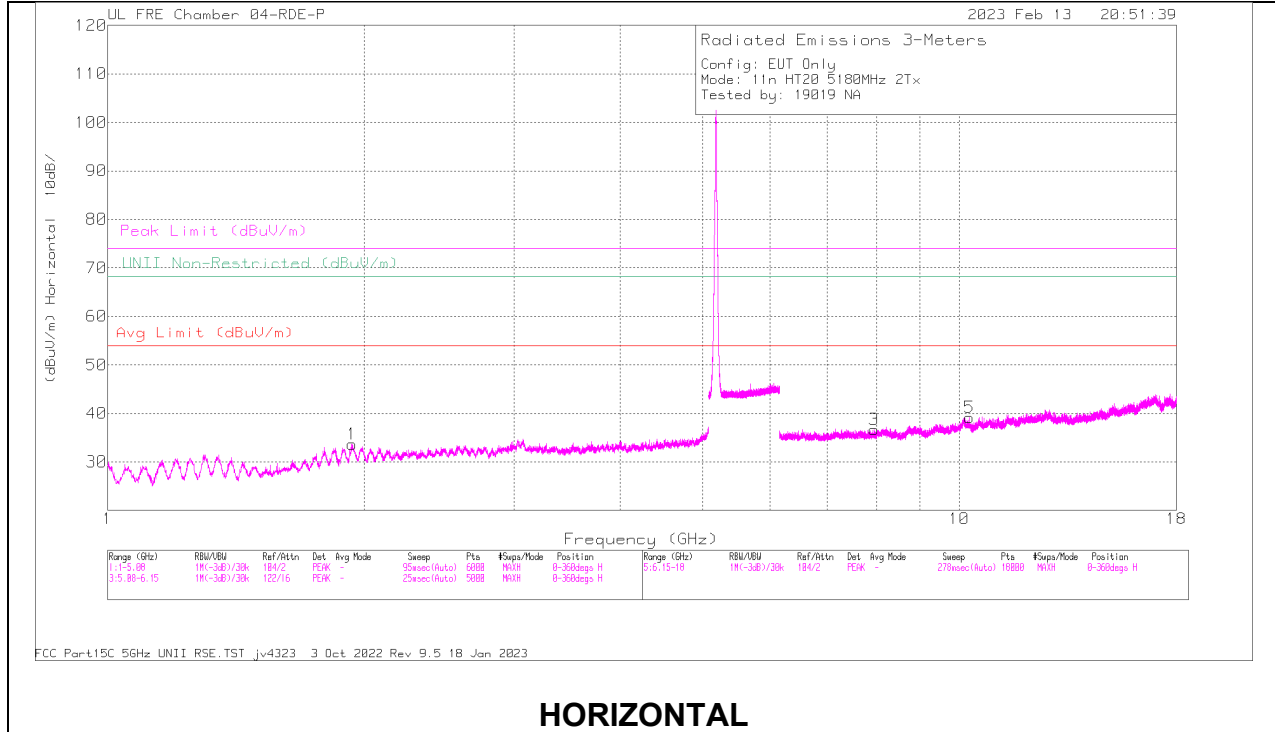


Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	20078 4 ACF (dB) 3mH	DCCF (dB)	Gain/Loss (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
4	5149.307	50.44	RMS	34.3	.39	-38.38	46.75	54	-7.25	-	-	353	142	V
2	5149.446	64.03	Pk	34.3	0	-38.38	59.95	-	-	74	-14.05	353	142	V
1	5150	63.04	Pk	34.3	0	-38.38	58.96	-	-	74	-15.04	353	142	V
3	5150	48.95	RMS	34.3	.39	-38.38	45.26	54	-8.74	-	-	353	142	V

Pk - Peak detector
 RMS - RMS detection

1.2.2. 5.2GHz, HT20 2TX HARMONICS AND SPURIOUS EMISSIONS

LOW CHANNEL RESULTS



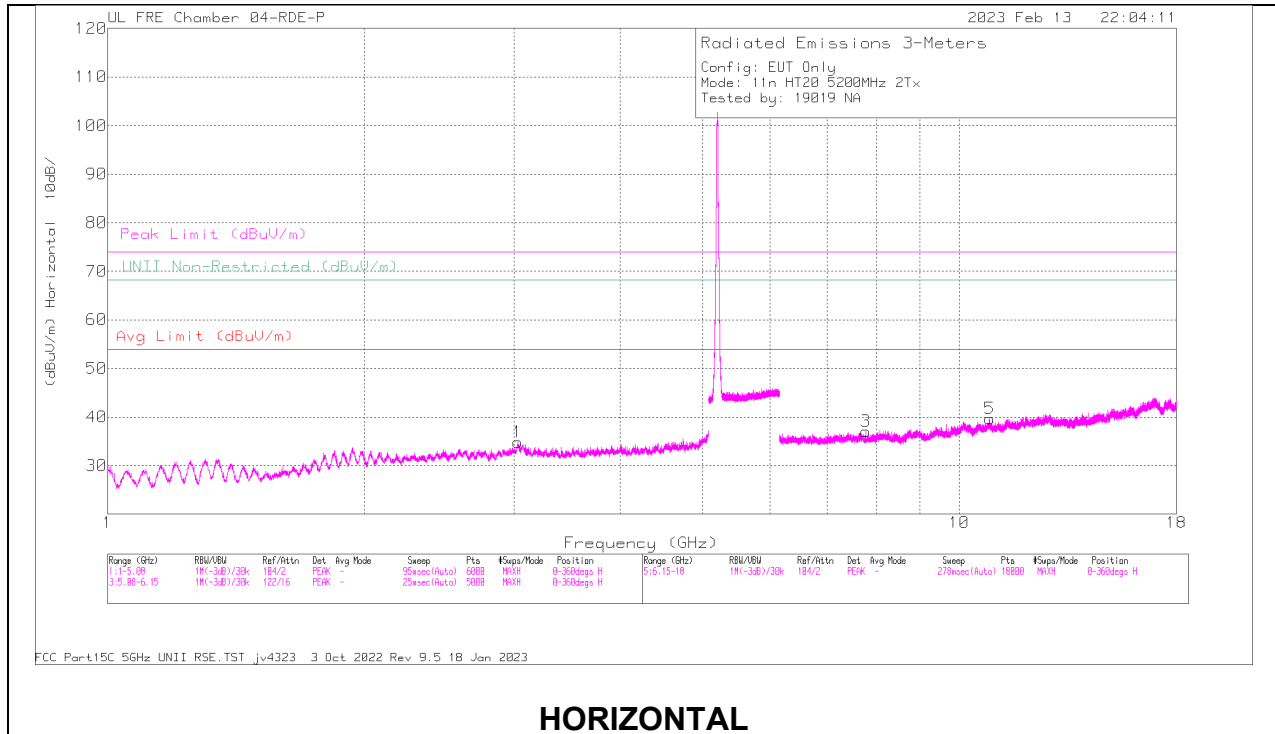
RADIATED EMISSIONS

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	222740 ACF(dB) - 3mH	Gain/Loss (dB)	Corrected Reading (dBuV/m)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	1.938731	61.48	PK-U	31.5	-49.11	43.87	68.2	-24.33	337	279	H
2	1.940818	61.81	PK-U	31.5	-49.15	44.16	68.2	-24.04	111	305	V
3	7.939393	55.29	PK-U	35.8	-44.96	46.13	68.2	-22.07	177	387	H
4	7.950986	55.64	PK-U	35.8	-44.88	46.56	68.2	-21.64	324	372	V
6	10.256477	57.39	PK-U	37.3	-45.92	48.77	68.2	-19.43	270	388	V
5	10.281269	56.6	PK-U	37.3	-45.53	48.37	68.2	-19.83	350	128	H

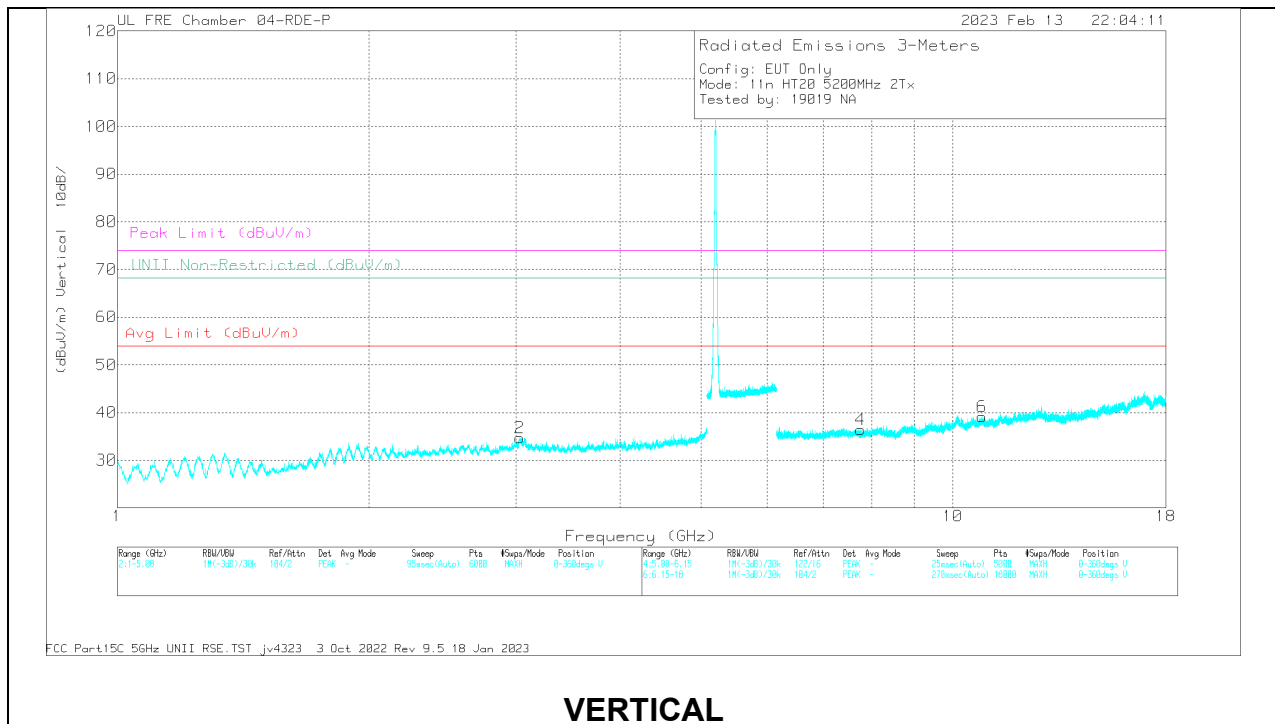
PK-U - U-NII: Maximum Peak

ADR - U-NII AD primary method, RMS average

MID CHANNEL RESULTS



HORIZONTAL



VERTICAL

RADIATED EMISSIONS

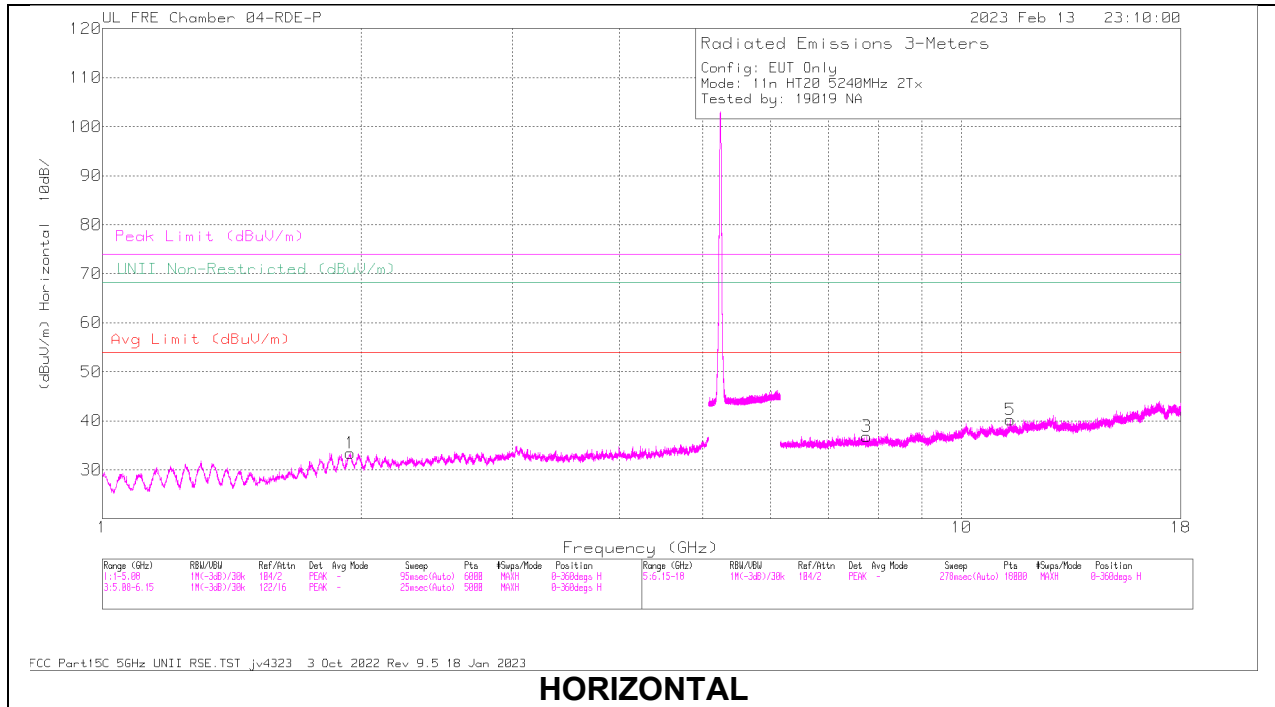
	Frequency (GHz)	Meter Reading (dBuV)	Det	222740 ACF(dB) - 3mH	Gain/Loss (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
2	3.03114	59.09	PK-U	33.4	-47.78	44.71	-	-	-	-	68.2	-23.49	22	294	V
1	3.032258	59.06	PK-U	33.4	-47.77	44.69	-	-	-	-	68.2	-23.51	357	277	H
4	7.761177	55.78	PK-U	35.7	-45.72	45.76	-	-	-	-	68.2	-22.44	357	116	V
3	7.764624	56.11	PK-U	35.7	-45.67	46.14	-	-	-	-	68.2	-22.06	342	277	H
6	10.845137	54.28	PK-U	37.6	-43.28	48.6	-	-	74	-25.4	-	-	194	255	V
	10.845636	42.81	ADR	37.6	-43.29	3712	54	-16.88	-	-	-	-	194	255	V
5	10.860648	54.34	PK-U	37.6	-43.24	48.7	-	-	74	-25.3	-	-	289	172	H
	10.863788	42.68	ADR	37.6	-43.21	37.07	54	-16.93	-	-	-	-	289	172	H

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

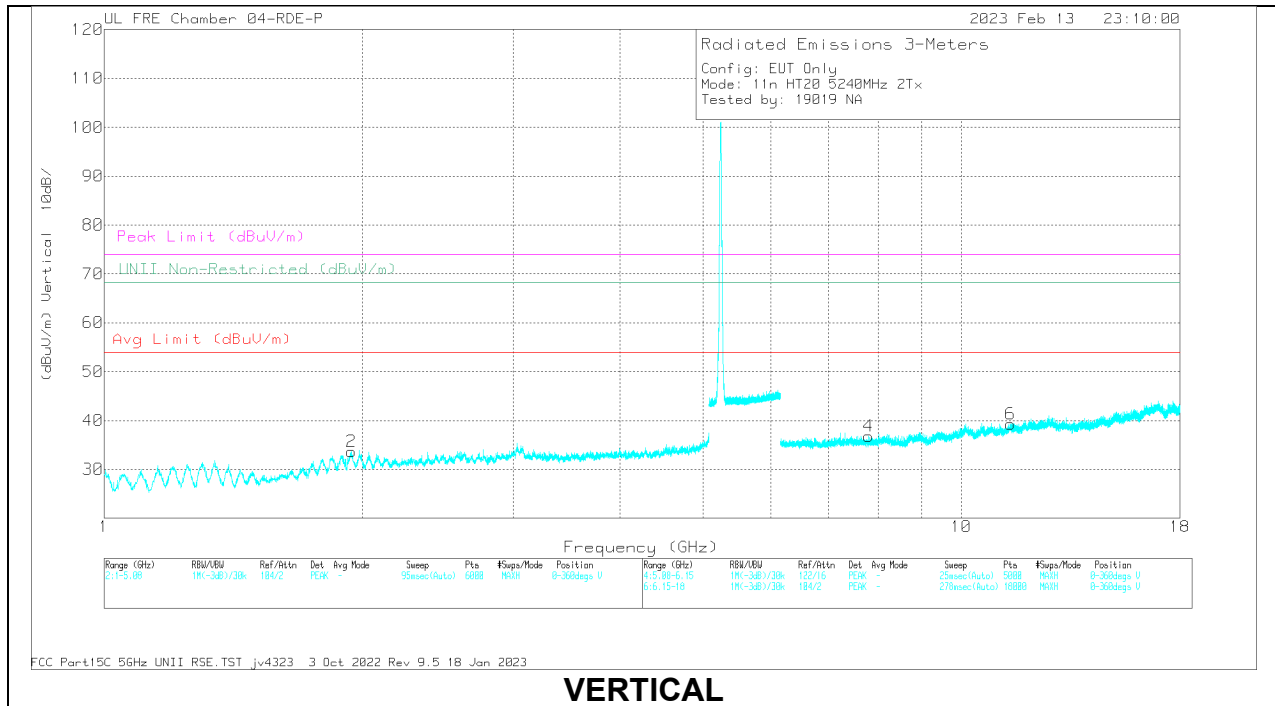
PK-U - U-NII: Maximum Peak

ADR - U-NII AD primary method, RMS average

HIGH CHANNEL RESULTS



HORIZONTAL



VERTICAL

RADIATED EMISSIONS

4.5	Frequency (GHz)	Meter Reading (dBuV)	Det	222740 ACF(dB) - 3mH	Gain/Loss (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	1.941413	61.08	PK-U	31.5	-49.17	43.41	-	-	-	-	68.2	-24.79	253	106	H
2	1.943019	61.22	PK-U	31.5	-49.3	43.42	-	-	-	-	68.2	-24.78	357	200	V
3	7.754861	56.56	PK-U	35.7	-45.72	46.54	-	-	-	-	68.2	-21.66	346	226	H
4	7.797014	56.17	PK-U	35.7	-45.83	46.04	-	-	-	-	68.2	-22.16	185	303	V
5	11.398164	54.07	PK-U	38	-42.96	49.11	-	-	74	-24.89	-	-	270	131	H
	11.398565	42.63	ADR	38	-42.94	37.69	54	-16.31	-	-	-	-	270	131	H
6	11.414697	54.36	PK-U	38	-42.87	49.49	-	-	74	-24.51	-	-	59	194	V
	11.415001	42.65	ADR	38	-42.85	37.80	54	-16.20	-	-	-	-	59	194	V

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

PK-U - U-NII: Maximum Peak

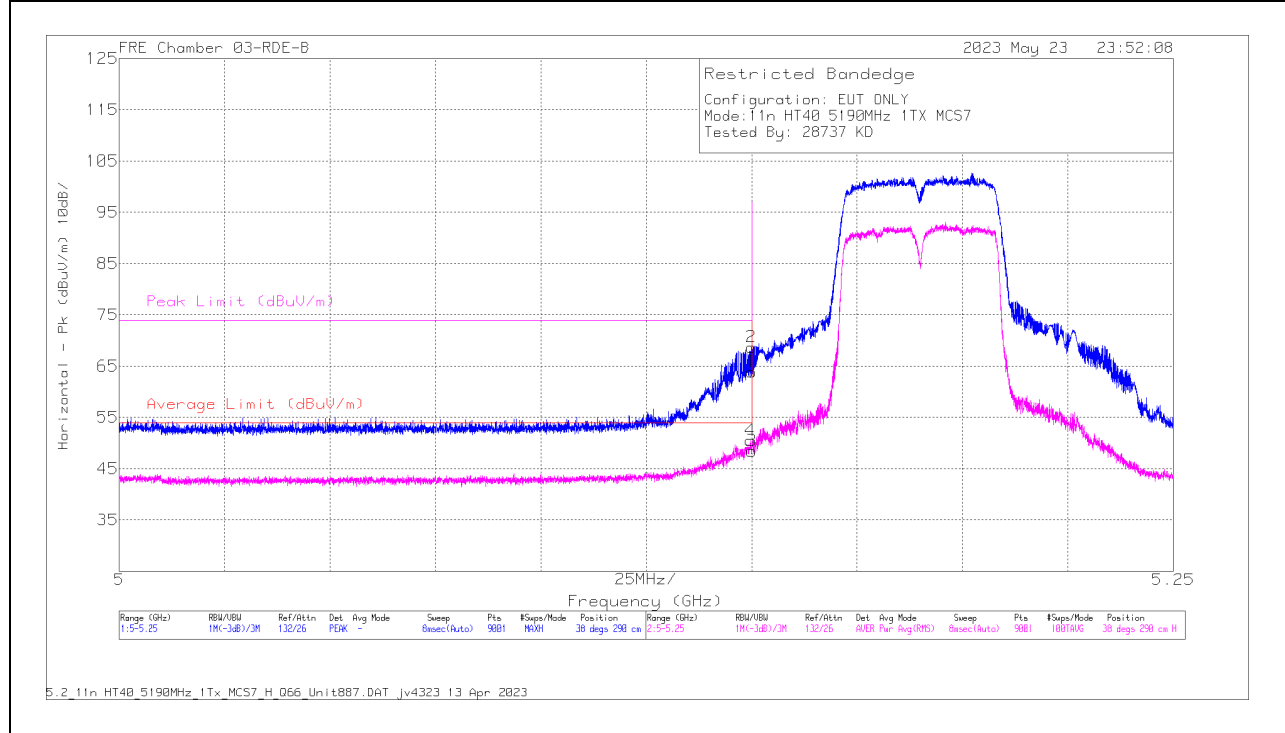
ADR - U-NII AD primary method, RMS average

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

1TX Antenna 6 MODE

BANDEDGE (LOW CHANNEL)

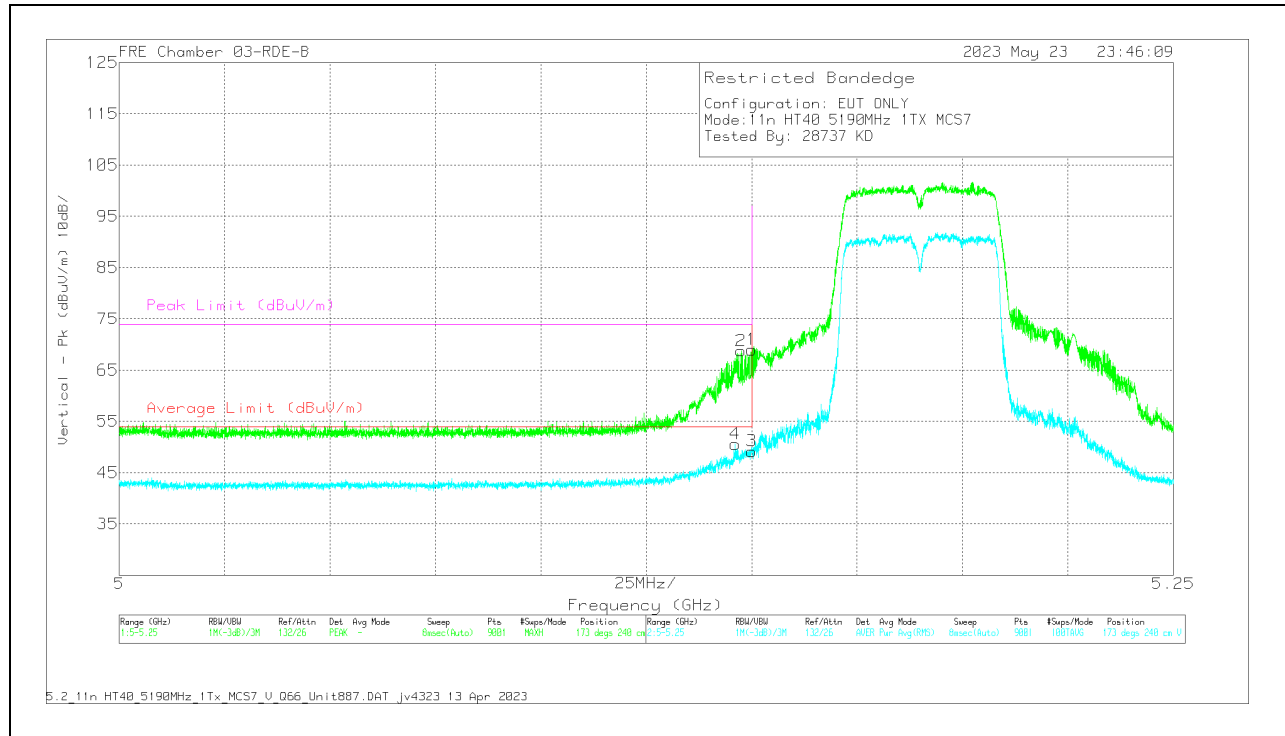
HORIZONTAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	23030 ACF (dB/m)	DCCF (dB)	Gain/Loss (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	69.49	Pk	34.3	0	-39.9	63.89	-	-	74	-10.11	38	290	H
2	* 5.149946	74.31	Pk	34.3	0	-39.9	68.71	-	-	74	-5.29	38	290	H
3	* 5.15	53.41	RMS	34.3	.65	-39.9	48.46	54	-5.54	-	-	38	290	H
4	* 5.149696	55.45	RMS	34.3	.65	-39.9	50.50	54	-3.50	-	-	38	290	H

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

VERTICAL RESULT



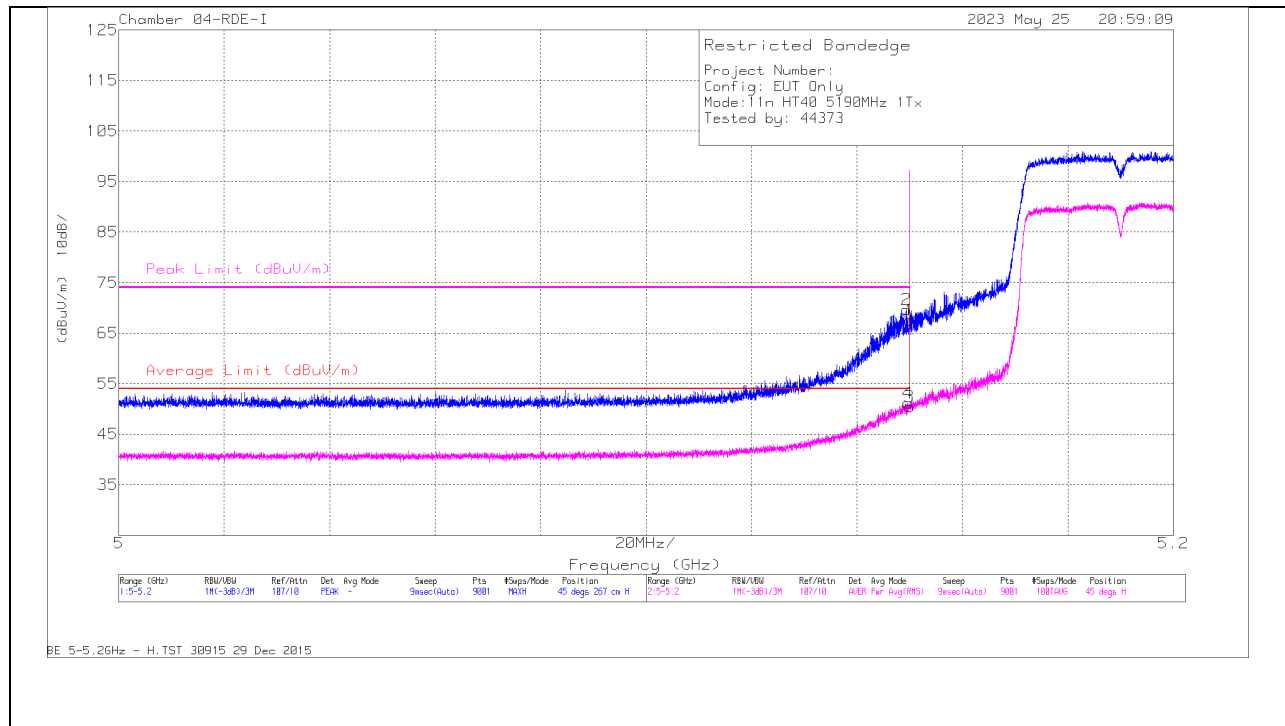
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	23030 ACF (dB/m)	DCCF (dB)	Gain/Loss (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
4	* 5.146112	55.59	RMS	34.3	.65	-39.99	50.55	54	-3.45	-	-	173	240	V
2	* 5.147473	74.37	Pk	34.3	0	-39.9	68.77	-	-	74	-5.23	173	240	V
1	* 5.15	74.59	Pk	34.3	0	-39.9	68.99	-	-	74	-5.01	173	240	V
3	* 5.15	54.13	RMS	34.3	.65	-39.9	49.18	54	-4.82	-	-	173	240	V

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

1TX Antenna 5 MODE

BANDEDGE (LOW CHANNEL)

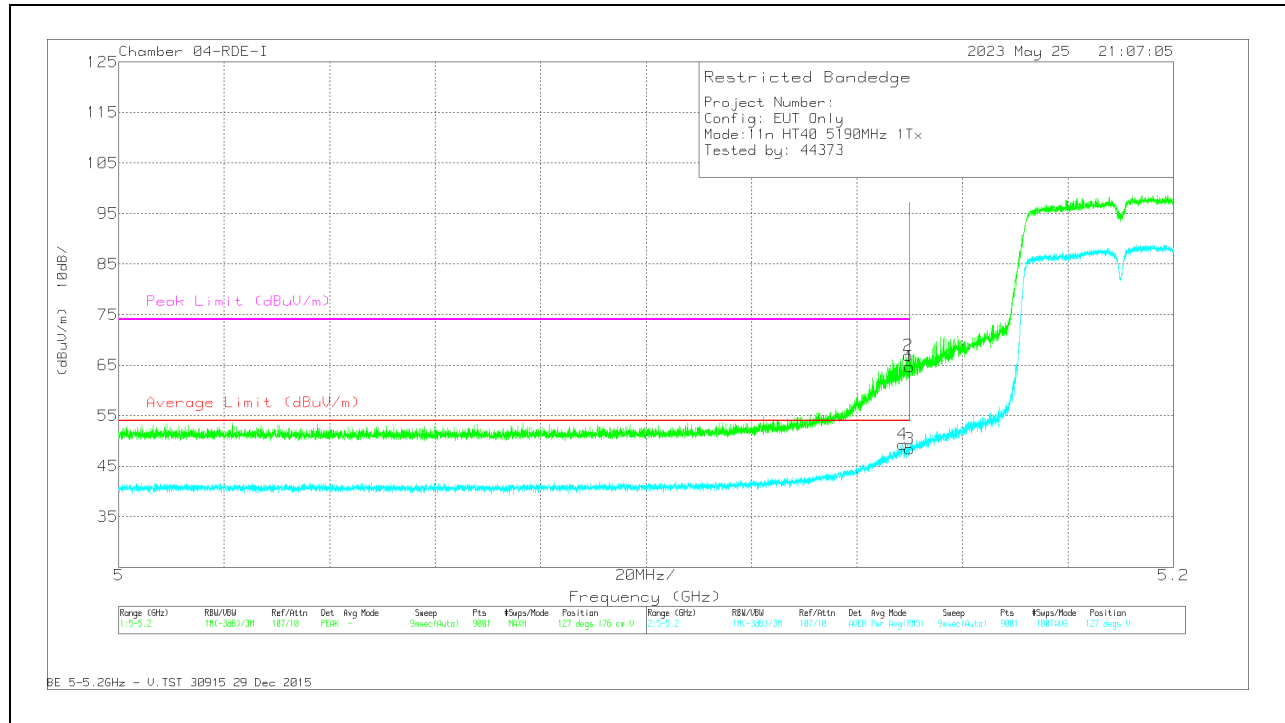
HORIZONTAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	84797 ACF (dB) - 3mH	Amp/Cbl/Pad (dB)	DCCF (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	51.81	Pk	34.2	-18.5	0	67.51	-	-	74	-6.49	45	267	H
2	* 5.149332	53.96	Pk	34.2	-18.5	0	69.66	-	-	74	-4.34	45	267	H
3	* 5.15	34.53	RMS	34.2	-18.5	.65	50.88	54	-3.12	-	-	45	267	H
4	* 5.149665	35.23	RMS	34.2	-18.5	.65	52.50	54	-1.50	-	-	45	267	H

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

VERTICAL RESULT



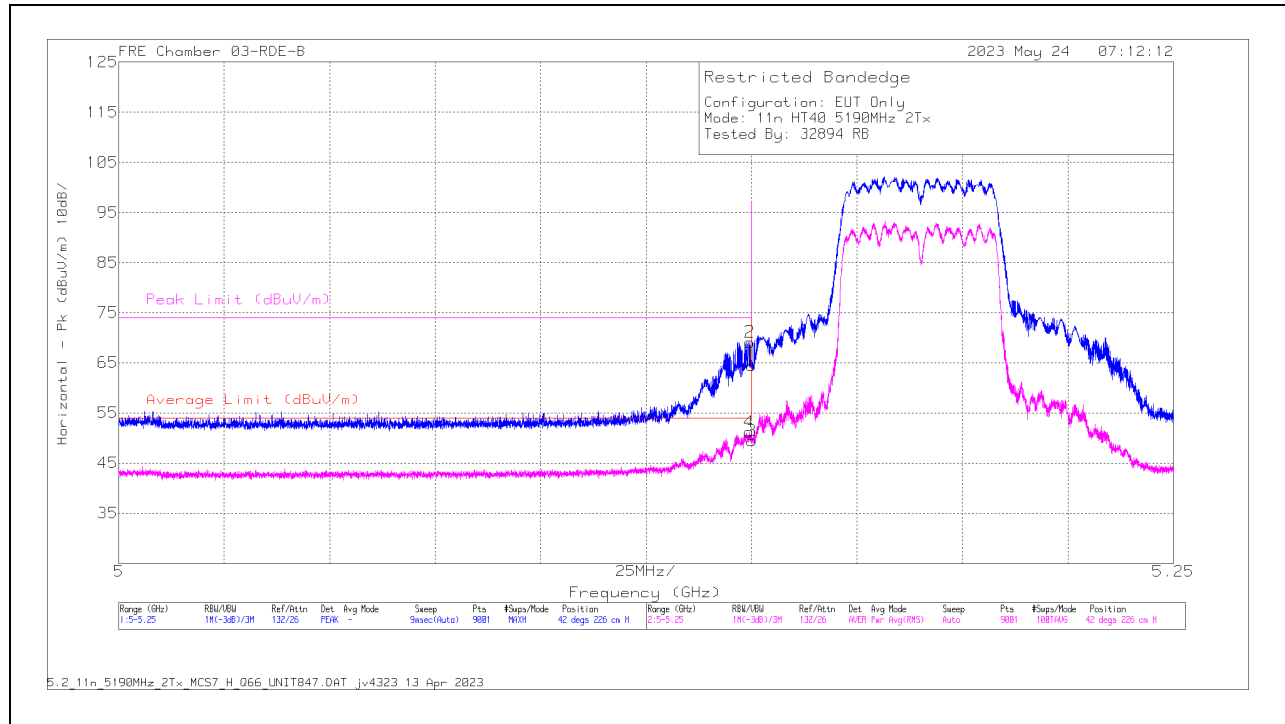
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	84797 ACF (dB) - 3mH	Amp/Cbl/Pad (dB)	DCCF (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 5.15	49.02	Pk	34.2	-18.5	0	64.72	-	-	74	-9.28	127	176	V
2	* 5.149732	51.25	Pk	34.2	-18.5	0	66.95	-	-	74	-7.05	127	176	V
3	* 5.15	32.53	RMS	34.2	-18.5	.65	48.88	54	-5.12	-	-	127	176	V
4	* 5.14871	33.47	RMS	34.2	-18.5	.65	49.72	54	-4.28	-	-	127	176	V

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

2TX Antenna 6 + Antenna 5 CDD MODE

BANDEDGE (LOW CHANNEL)

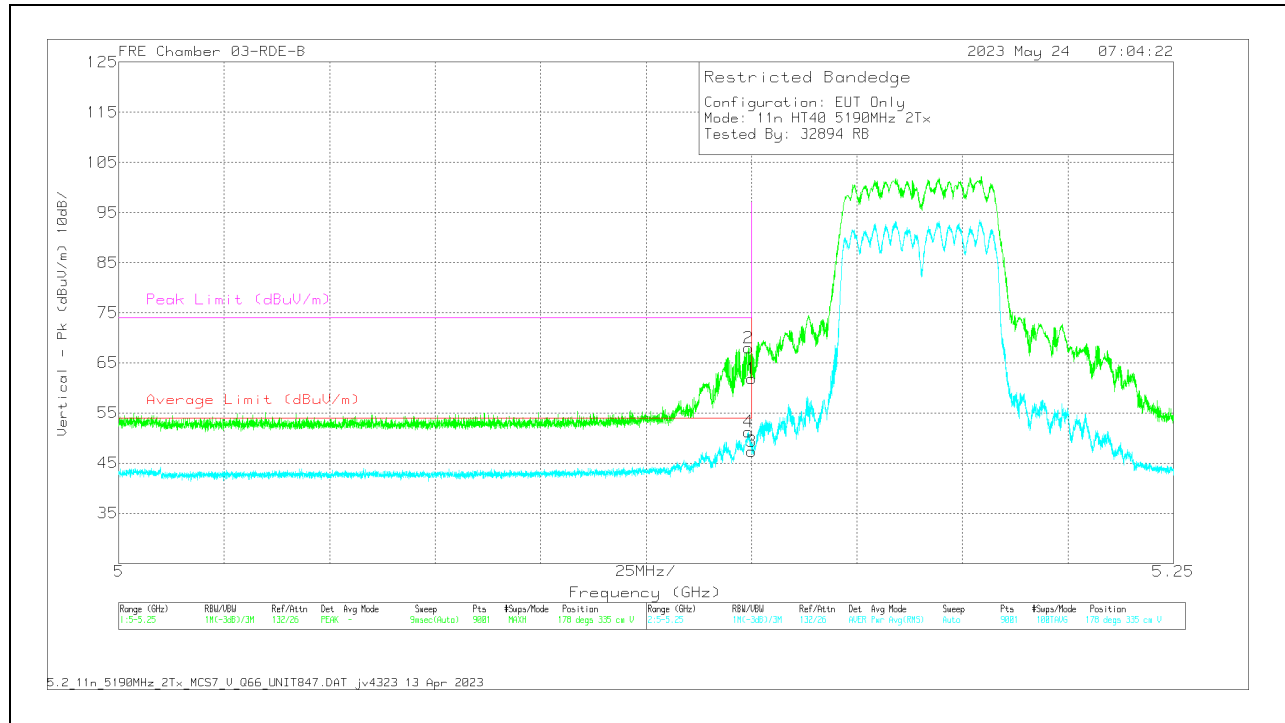
HORIZONTAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	23030 ACF (dB/m)	DCCF (dB)	Gain/Loss (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	70.11	Pk	34.3	0	-39.9	64.51	-	-	74	-9.49	42	226	H
2	* 5.149529	74.77	Pk	34.3	0	-39.9	69.17	-	-	74	-4.83	42	226	H
3	* 5.15	54.45	RMS	34.3	.65	-39.9	49.50	54	-4.50	-	-	42	226	H
4	* 5.149446	56.13	RMS	34.3	.65	-39.9	51.21	54	-2.79	-	-	42	226	H

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

VERTICAL RESULT

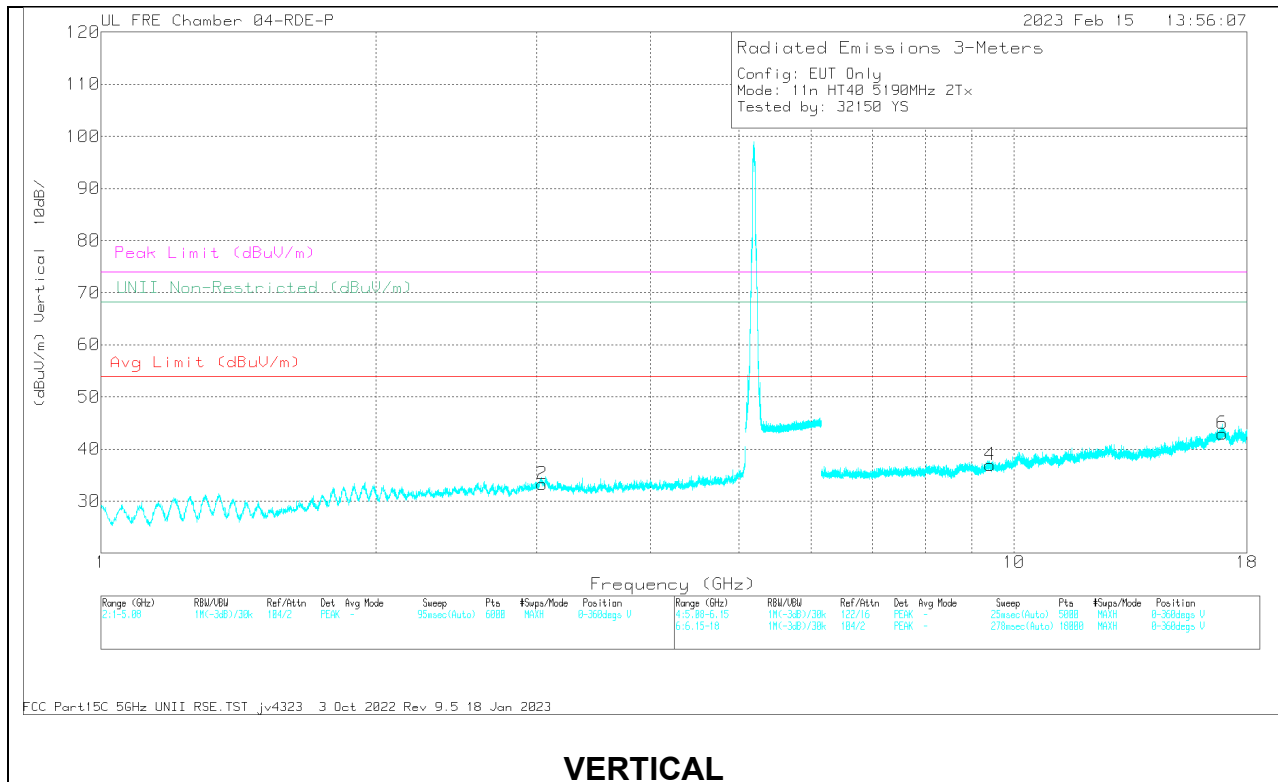
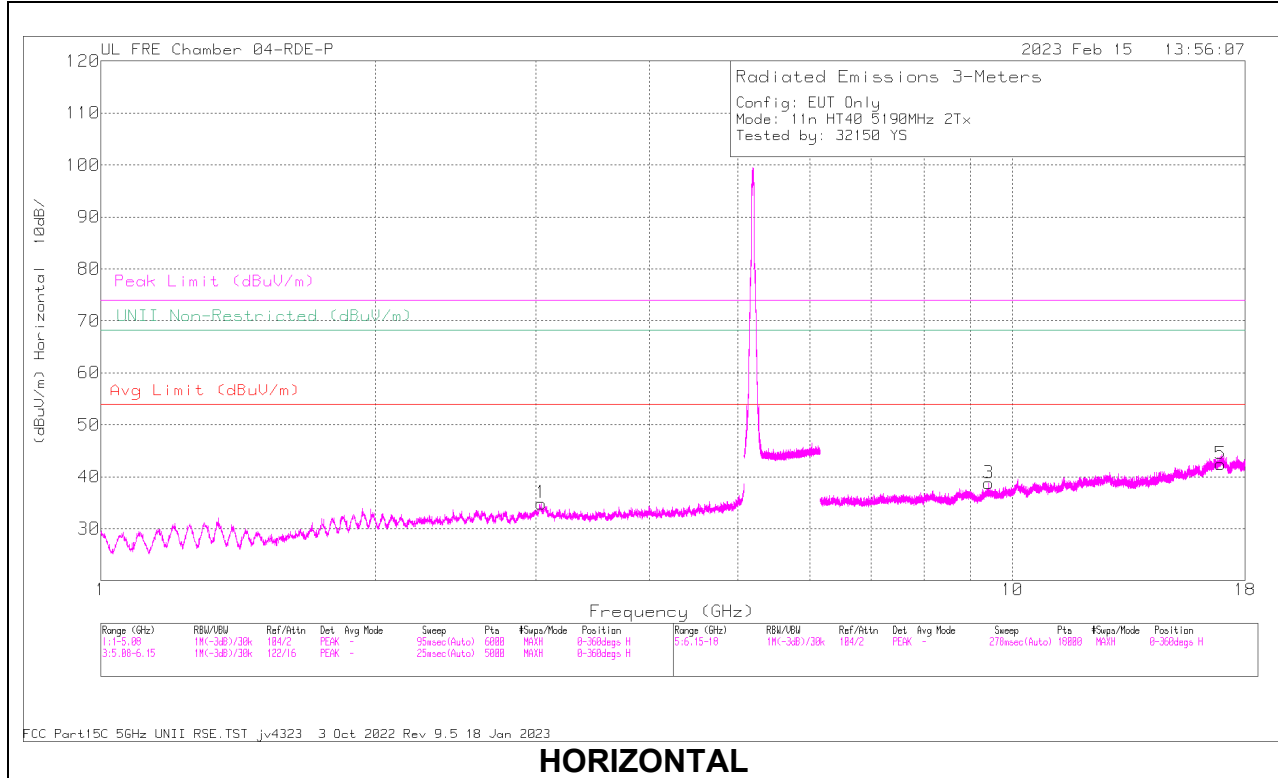


Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	230300 ACF (dB/m)	DCCF (dB)	Gain/Loss (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 5.15	67.49	Pk	34.3	0	-39.9	61.89	-	-	74	-12.11	178	335	V
2	* 5.149307	73.61	Pk	34.3	0	-39.9	68.01	-	-	74	-5.99	178	335	V
3	* 5.15	52.26	RMS	34.3	.65	-39.9	47.31	54	-6.69	-	-	178	335	V
4	* 5.149251	56.21	RMS	34.3	.65	-39.9	51.29	54	-2.71	-	-	178	335	V

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

1.2.4. 5.2GHz, HT40 2TX HARMONICS AND SPURIOUS EMISSIONS

LOW CHANNEL RESULTS

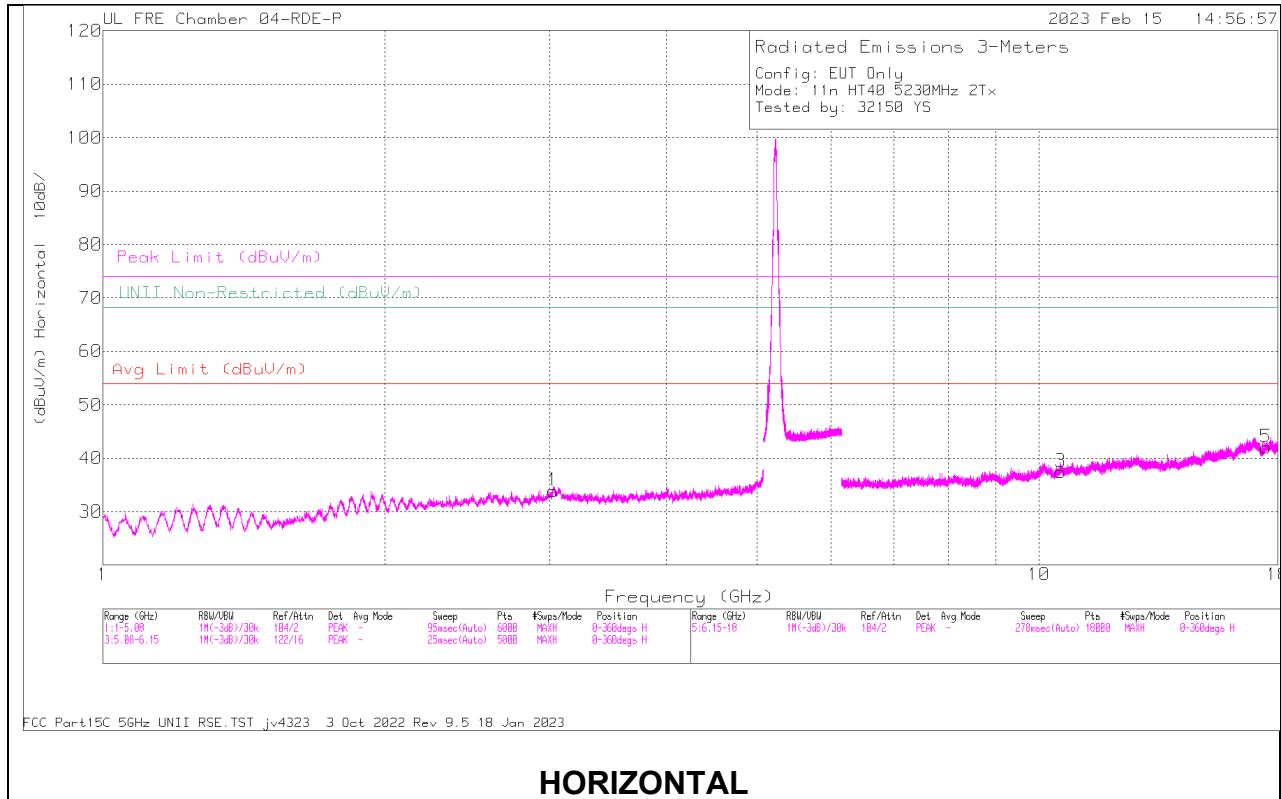


RADIATED EMISSIONS

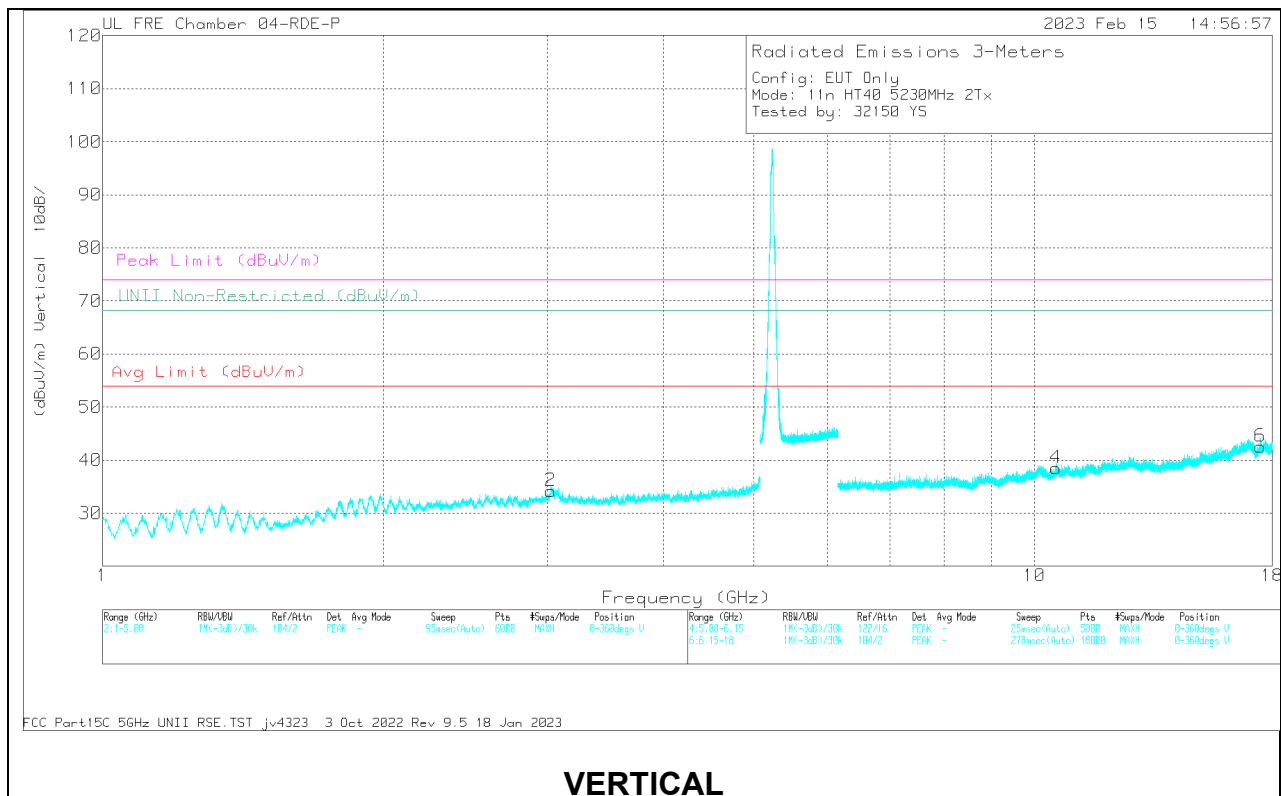
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	222740 ACF(dB) - 3mH	Gain/Loss (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
2	3.041715	58.31	Pk	33.4	-47.5	44.21	-	-	-	-	68.2	-23.99	338	128	V
1	3.043281	58.14	Pk	33.4	-47.51	44.03	-	-	-	-	68.2	-24.17	3	172	H
4	9.428222	55.22	Pk-U	36.4	-44.42	47.2	-	-	74	-26.8	-	-	228	296	V
	9.42815	45.99	ADR	36.4	-44.42	37.97	54	-16.03							
3	9.428464	56.03	Pk-U	36.4	-44.42	48.01	-	-	74	-25.99	-	-	111	398	H
	9.428470	46.53	ADR	36.4	-44.42	38.51	54	-15.49							
6	16.903834	52.99	Pk	42.3	-42.2	53.09	-	-	-	-	68.2	-15.11	192	270	V
5	16.909153	52.83	Pk	42.3	-42.28	52.85	-	-	-	-	68.2	-15.35	3	192	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	222740 ACF(dB) - 3mH	Gain/Loss (dB)	Corrected Reading (dBuV/m)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
2	3.026364	58.9	Pk	33.4	-47.83	44.47	68.2	-23.73	27	161	V
1	3.026402	59.27	Pk	33.4	-47.83	44.84	68.2	-23.36	251	123	H
3	10.558924	55.07	Pk	37.4	-44.27	48.2	68.2	-20	297	119	H
4	10.560765	55.32	Pk	37.4	-44.28	48.44	68.2	-19.76	196	177	V
6	17.494784	52.54	Pk	41.5	-41.94	52.1	68.2	-16.1	346	153	V
5	17.495877	53.57	Pk	41.5	-41.97	53.1	68.2	-15.1	50	267	H

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

PK-U - U-NII: Maximum Peak

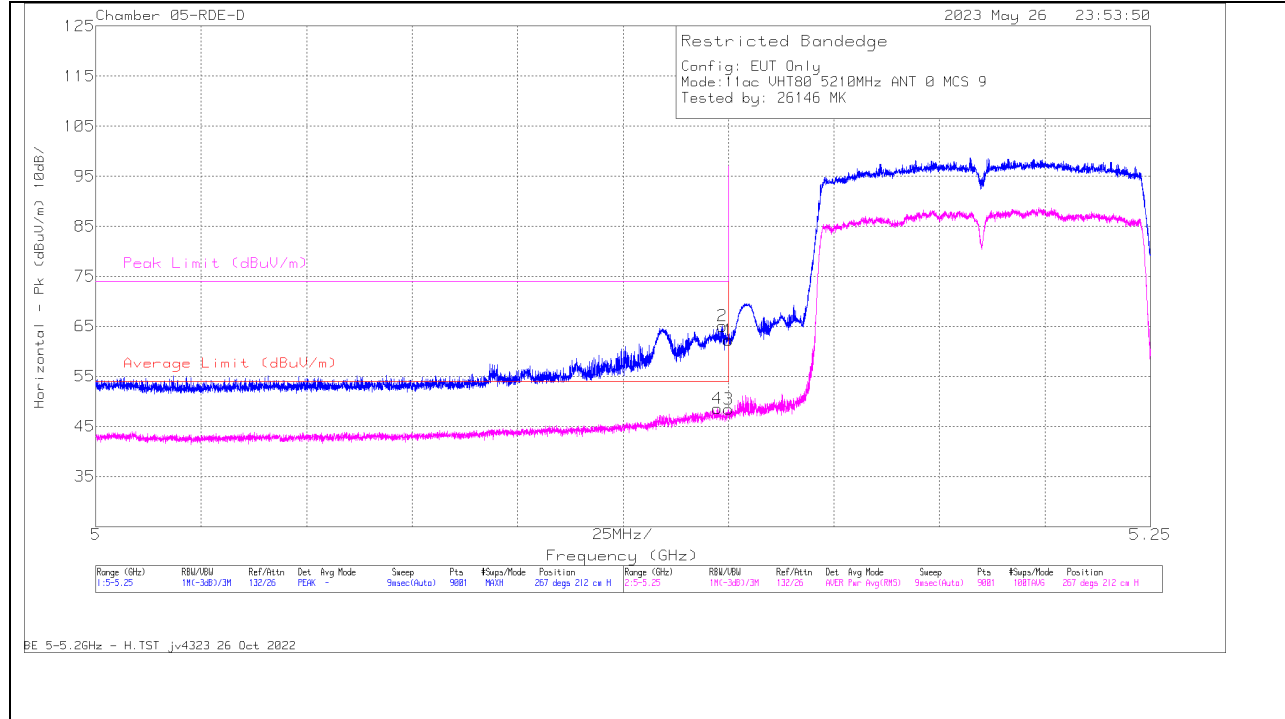
ADR - U-NII AD primary method, RMS average

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

1TX Antenna 6 MODE

BANDEDGE (MID CHANNEL)

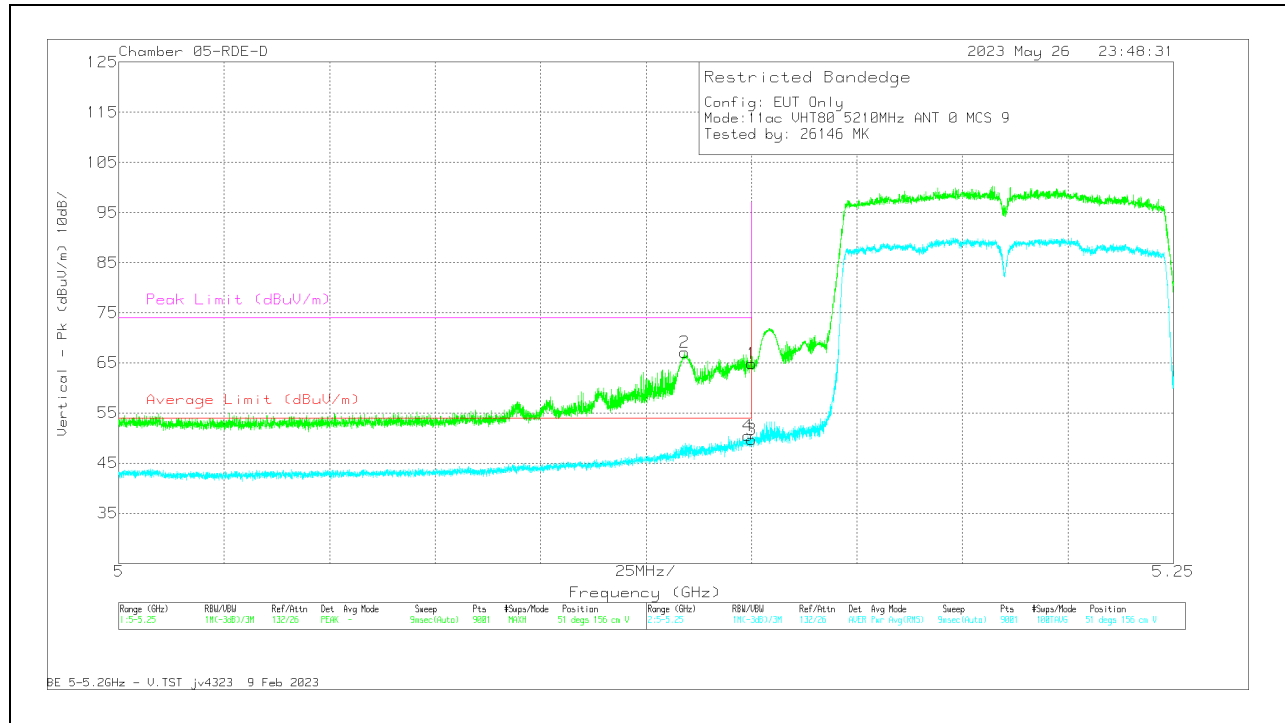
HORIZONTAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	80402 ACF(dB) - 3mH	DCCF (dB)	Gain/Loss (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
4	5.147307	52.24	RMS	34.5	.95	-38.63	49.06	54	-4.94	-	-	267	212	H
2	5.148557	69.15	PK	34.5	0	-38.6	65.05	-	-	74	-8.95	267	212	H
1	5.15	66.22	PK	34.5	0	-38.49	62.23	-	-	74	-11.77	267	212	H
3	5.15	52.01	RMS	34.5	.95	-38.49	48.97	54	-5.03	-	-	267	212	H

Pk - Peak detector
RMS - RMS detection

VERTICAL RESULT



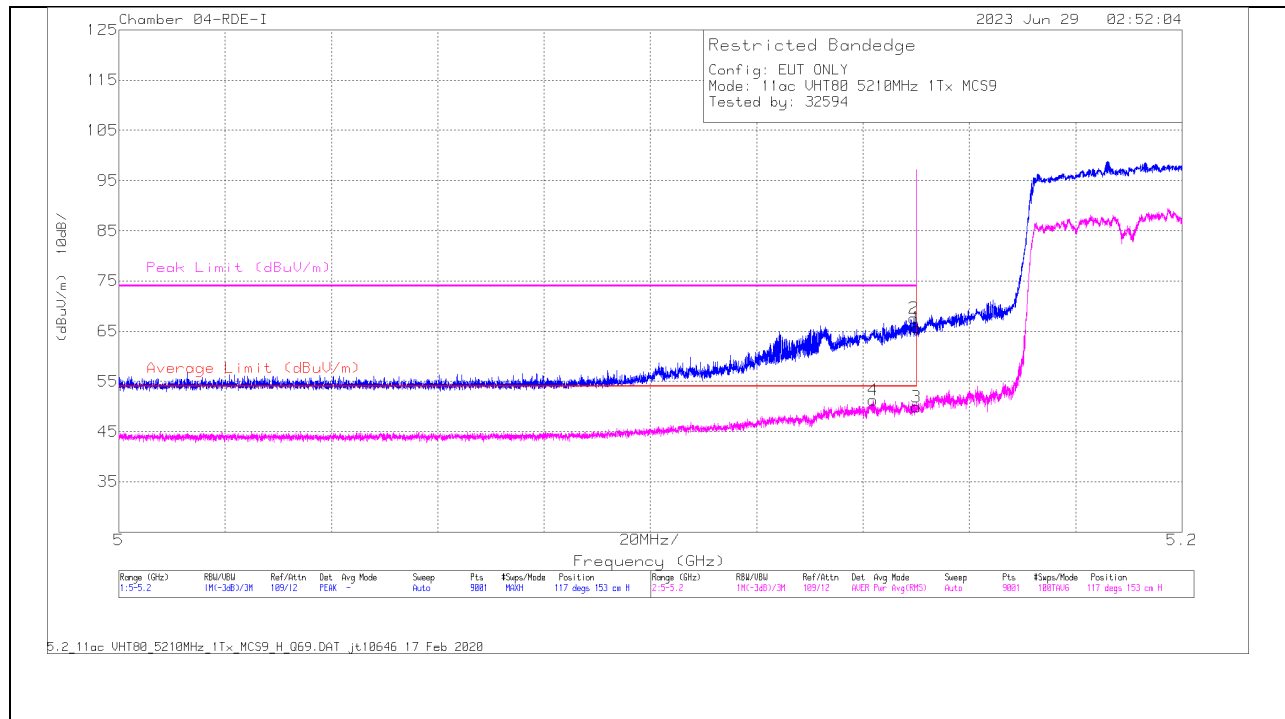
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	80402 ACF(dB) - 3mH	DCCF (dB)	Gain/Loss (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
2	5.134168	71.17	Pk	34.5	0	-38.58	67.09	-	-	74	-6.91	51	156	V
4	5.149168	54.07	RMS	34.5	.95	-38.51	50.96	54	-3.04	-	-	51	156	V
1	5.15	68.89	Pk	34.5	0	-38.49	64.9	-	-	74	-9.1	51	156	V
3	5.15	53.25	RMS	34.5	.95	-38.49	50.11	54	-3.89	-	-	51	156	V

Pk - Peak detector
RMS - RMS detection

1TX Antenna 5 MODE

BANDEDGE (MID CHANNEL)

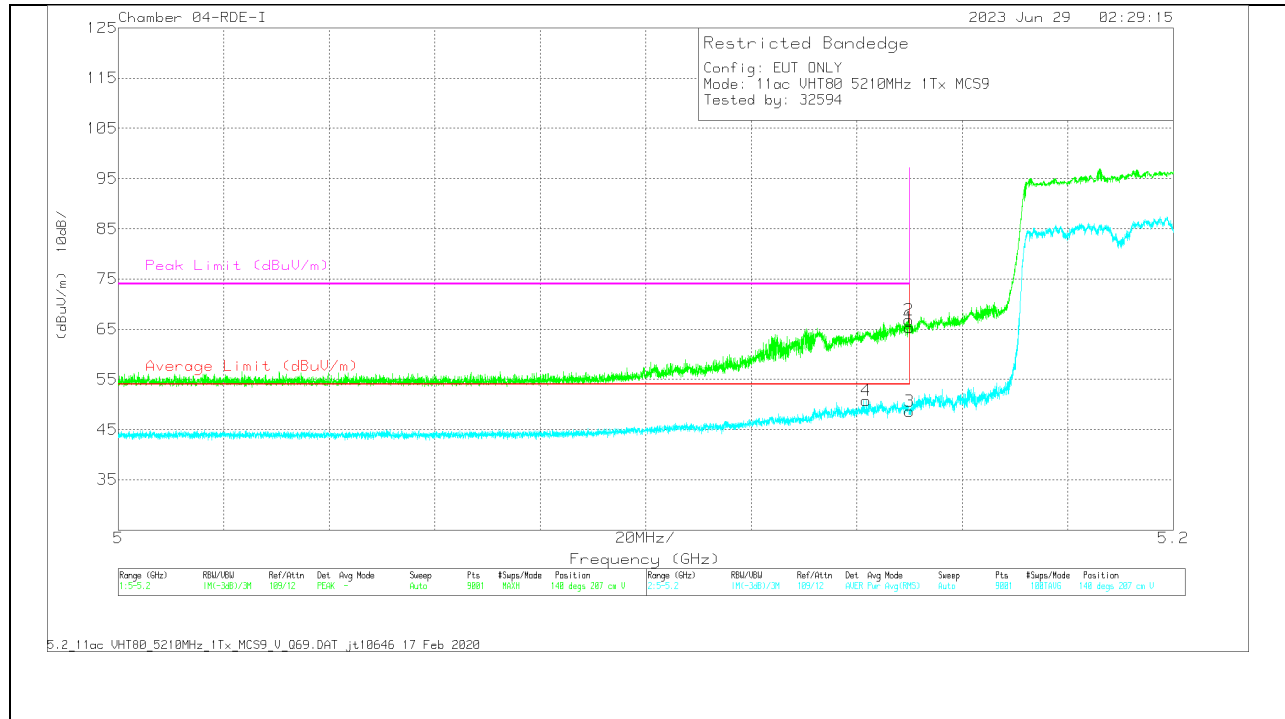
HORIZONTAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	84797 ACI (dB) - 3mH	Cb/Amp (dB)	DCCF (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 5.15	45.69	Pk	34.2	-14.2	0	65.69	-	-	74	-8.31	117	153	H
2	* 5.149576	47.59	Pk	34.2	-14.2	0	67.59	-	-	74	-6.41	117	153	H
3	* 5.15	29.49	RMS	34.2	-14.2	.44	49.93	54	-4.07	-	-	117	153	H
4	* 5.141932	30.81	RMS	34.2	-14.2	.44	51.25	54	-2.75	-	-	117	153	H

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

VERTICAL RESULT



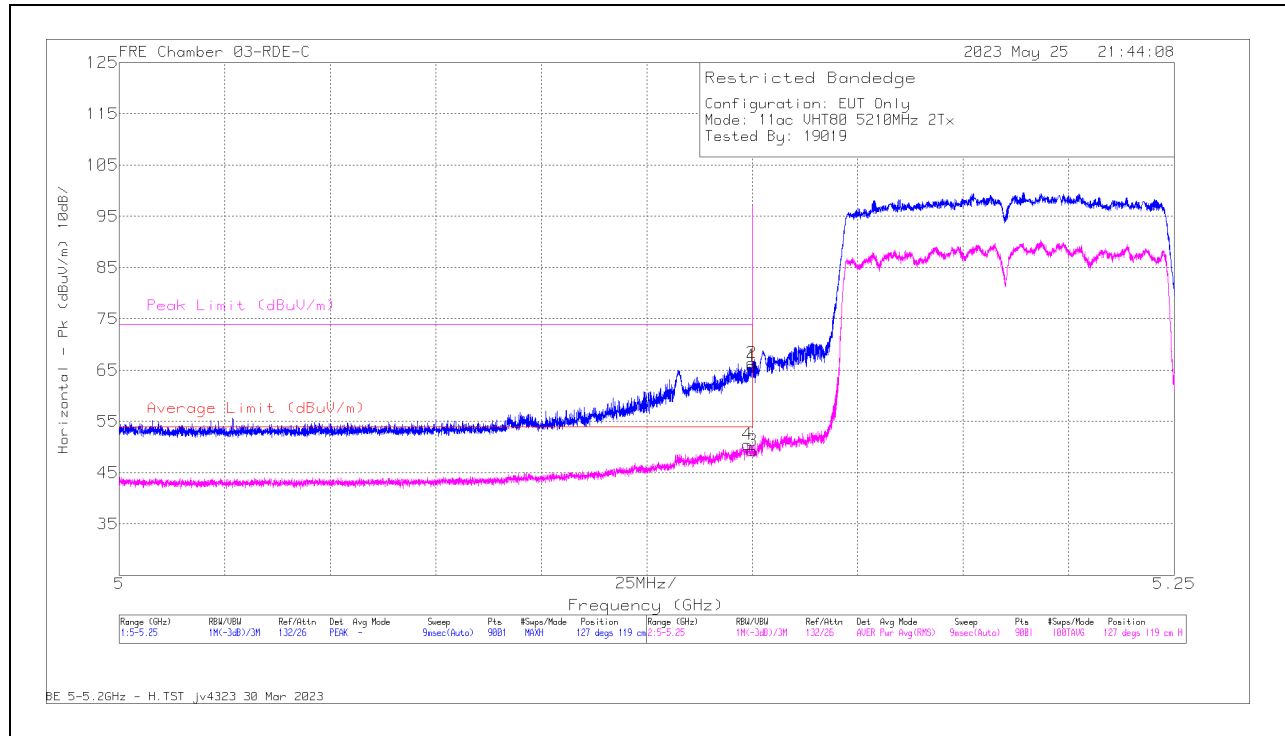
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	84757 ACF (dB) - 3mH	Chl/Amp (dB)	DCCF (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 5.15	45.35	Pk	34.2	-14.2	0	65.35	-	-	74	-8.65	140	207	V
2	* 5.149887	46.8	Pk	34.2	-14.2	0	66.8	-	-	74	-7.2	140	207	V
3	* 5.15	28.23	RMS	34.2	-14.2	.44	48.67	54	-5.33	-	-	140	207	V
4	* 5.141732	30.35	RMS	34.2	-14.2	.44	50.79	54	-3.21	-	-	140	207	V

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

2TX Antenna 6 + Antenna 5 CDD MODE

BANDEDGE (MID CHANNEL)

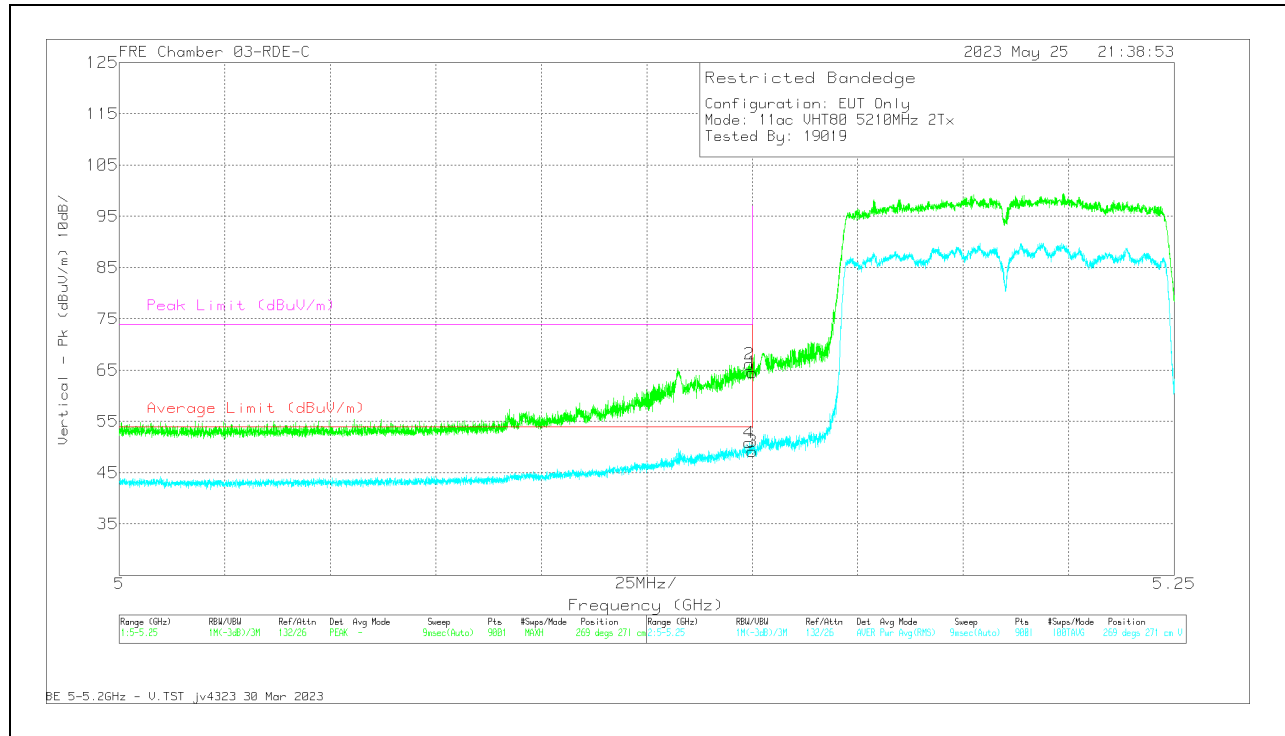
HORIZONTAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	22667 2 ACF (dB) 3mH	DCCF (dB)	Gain/Loss (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	69.84	Pk	34.4	0	-38.4	65.84	-	-	74	-8.16	127	119	H
2	* 5.149946	70.46	Pk	34.4	0	-38.41	66.45	-	-	74	-7.55	127	119	H
3	* 5.15	52.6	RMS	34.4	.95	-38.4	49.55	54	-4.45	-	-	127	119	H
4	* 5.148918	53.93	RMS	34.4	.95	-38.5	50.78	54	-3.22	-	-	127	119	H

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

VERTICAL RESULT

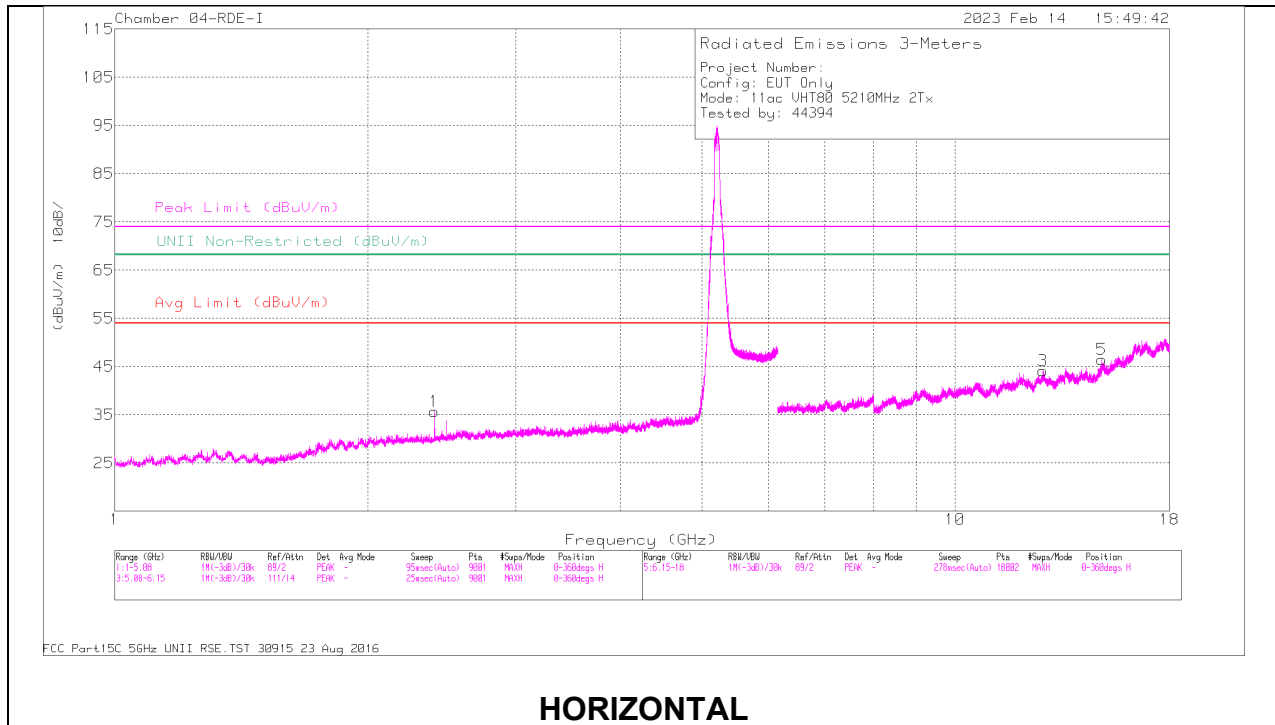


Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	22667 2 ACF 3mH (dB)	DCCF (dB)	Gain/Loss (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 5.15	68.5	Pk	34.4	0	-38.4	64.5	-	-	74	-9.5	269	271	V
2	* 5.149335	70.23	Pk	34.4	0	-38.47	66.16	-	-	74	-7.84	269	271	V
3	* 5.15	52.46	RMS	34.4	.95	-38.4	49.36	54	-4.64	-	-	269	271	V
4	* 5.149251	54.23	RMS	34.4	.95	-38.47	51.06	54	-3.94	-	-	269	271	V

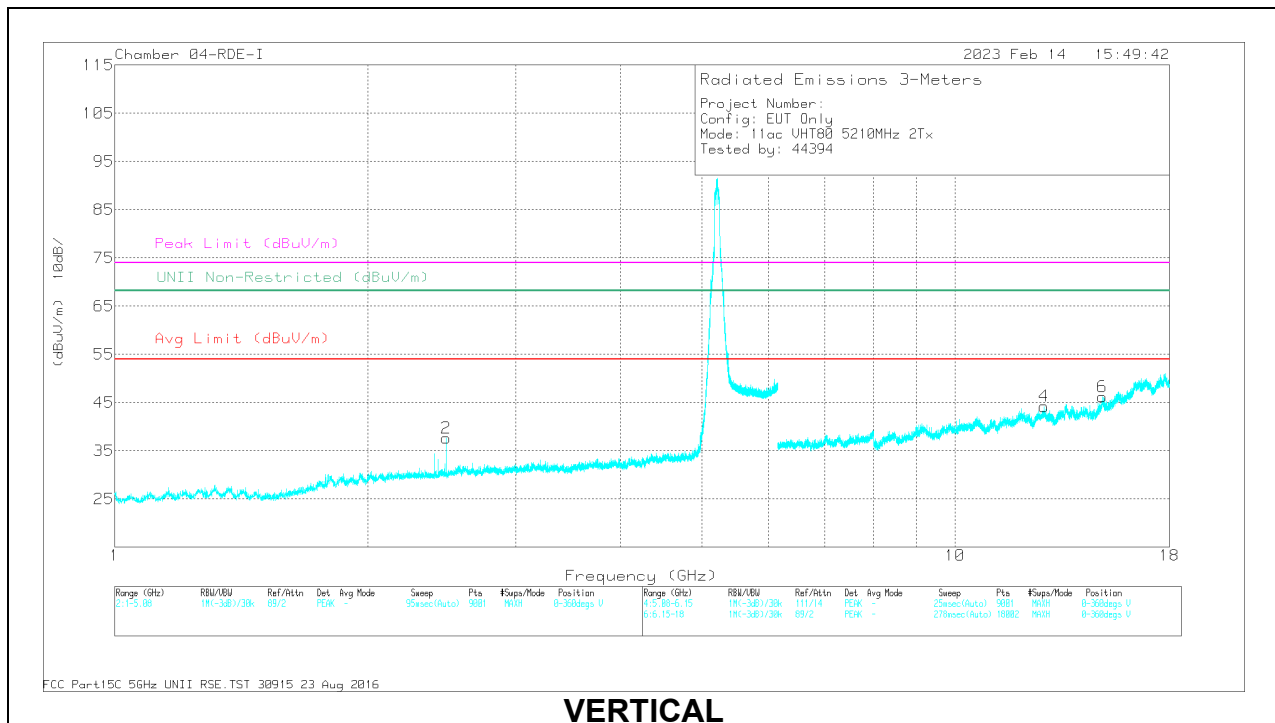
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band
 Pk - Peak detector
 RMS - RMS detection

1.2.6. 5.2GHz, VHT80 2TX HARMONICS AND SPURIOUS EMISSIONS

MID CHANNEL RESULTS



HORIZONTAL



VERTICAL

RADIATED EMISSIONS

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	84797 ACF (dB) - 3mH	Amp/Cbl/ Fitr (dB)	Corrected Reading (dBuV/m)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	2.402374	39.84	PK-U	31.8	-31.4	40.24	68.2	-27.96	31	214	H
2	2.478243	39.4	PK-U	32	-31.1	40.3	68.2	-27.9	145	327	V
3	12.715833	32	PK-U	39.1	-18.6	52.5	68.2	-15.7	342	323	H
5	14.95891	32.16	PK-U	40.4	-17.3	55.26	68.2	-12.94	20	388	H
4	12.758676	32.05	PK-U	39.1	-18.3	52.85	68.2	-15.35	73	337	V
6	14.977658	31.89	PK-U	40.4	-16.9	55.39	68.2	-12.81	274	333	V

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

PK-U - U-NII: Maximum Peak

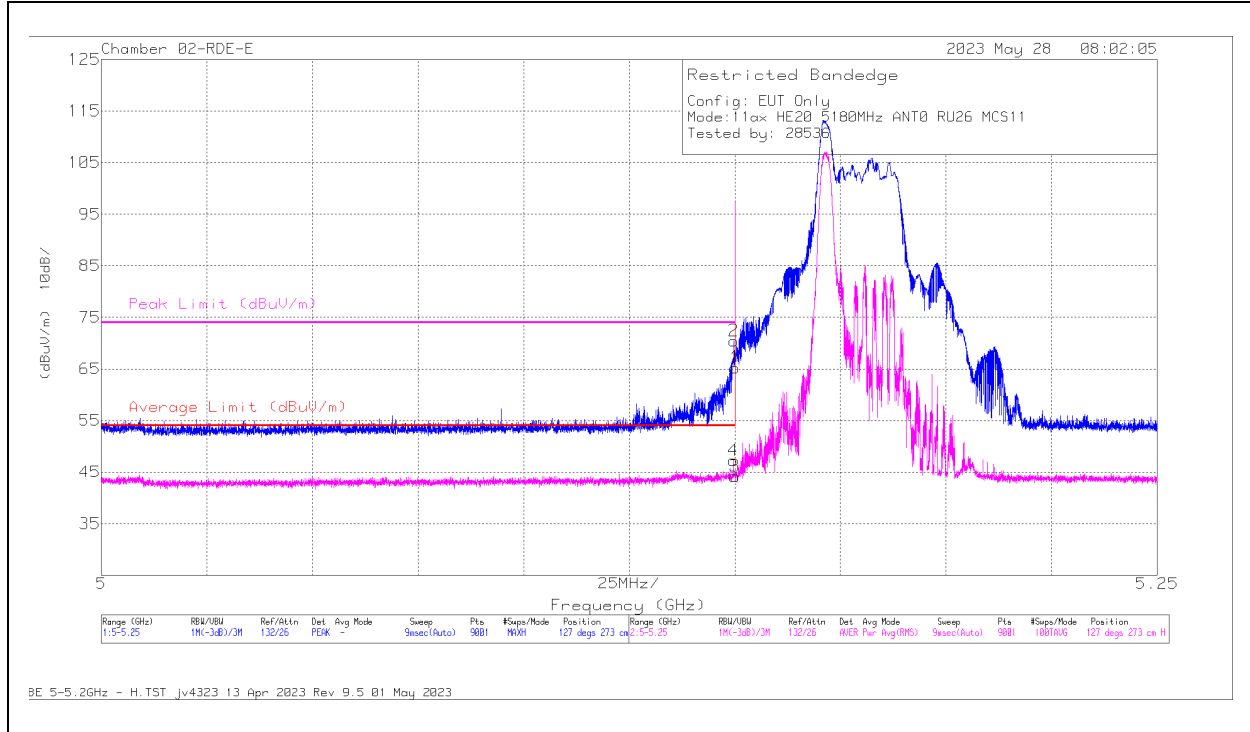
ADR - U-NII AD primary method, RMS average

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

1TX Antenna 6 MODE: 26-Tones, RU Index 0

BANDEDGE (LOW CHANNEL)

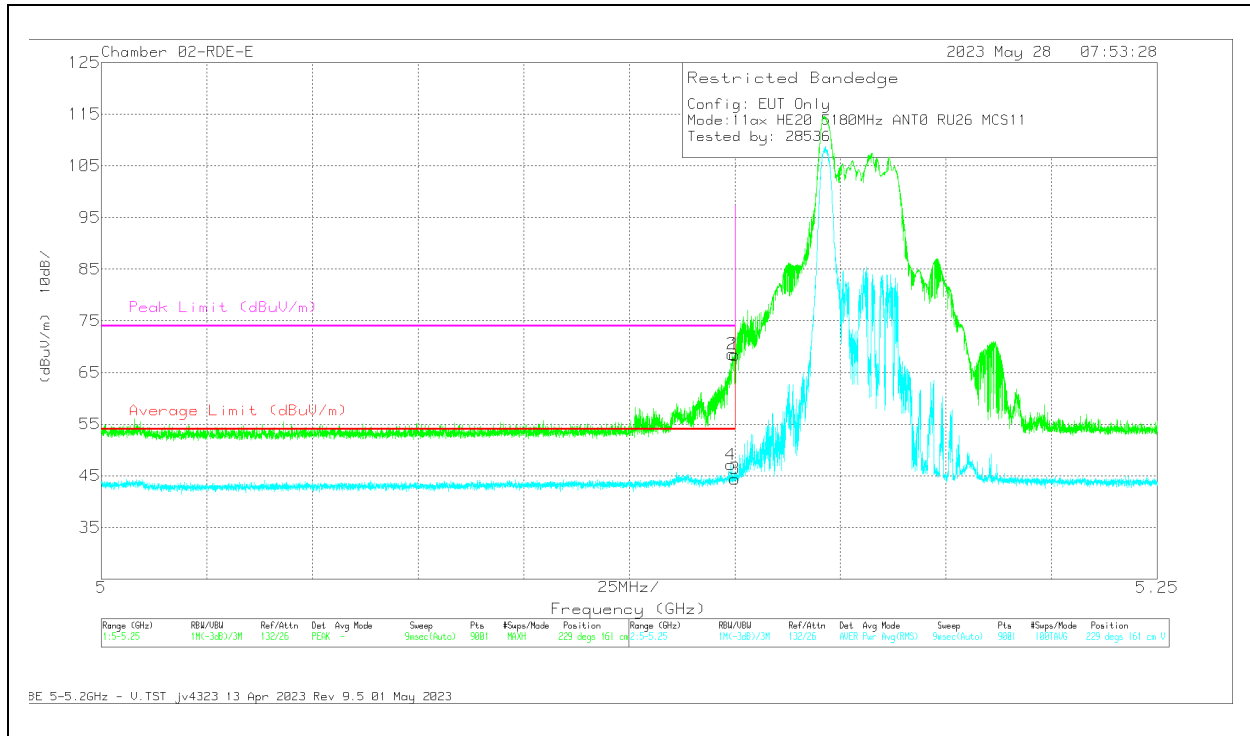
HORIZONTAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	20680 7 ACF (dB/m)	DCCF (dB)	Gain/Loss (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	68.72	Pk	34.3	0	-37.8	65.22	-	-	74	-8.78	127	273	H
2	* 5.149807	73.95	Pk	34.3	0	-37.8	70.45	-	-	74	-3.55	127	273	H
3	* 5.15	47.2	RMS	34.3	.49	-37.8	44.19	54	-9.81	-	-	127	273	H
4	* 5.149612	50.29	RMS	34.3	.49	-37.8	47.28	54	-6.72	-	-	127	273	H

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

VERTICAL RESULT



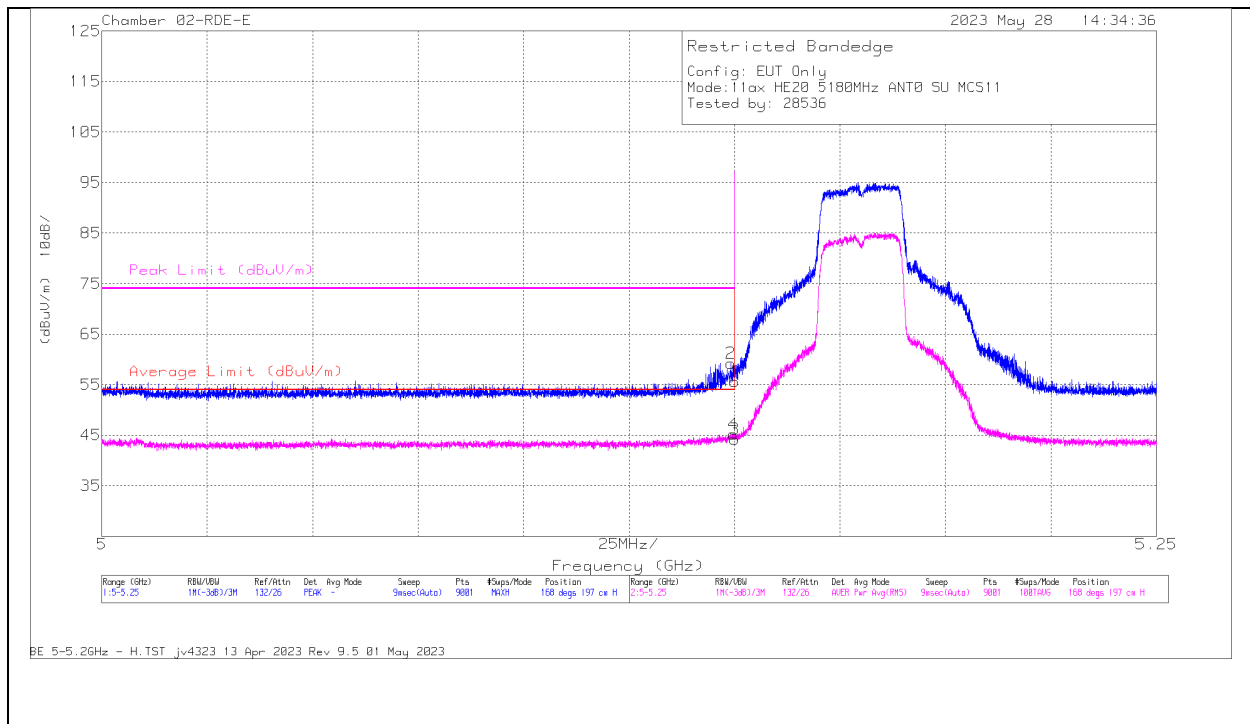
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	20680 7 ACF (dB/m)	DCCF (dB)	Gain/Loss (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 5.15	71.92	Pk	34.3	0	-37.8	68.42	-	-	74	-5.58	229	161	V
2	* 5.14939	72.05	Pk	34.3	0	-37.8	68.55	-	-	74	-5.45	229	161	V
3	* 5.15	47.43	RMS	34.3	.49	-37.8	44.42	54	-9.58	-	-	229	161	V
4	* 5.149001	50.16	RMS	34.3	.49	-37.8	47.15	54	-6.85	-	-	229	161	V

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

1TX Antenna 6 MODE: SU, Single User

BANDEDGE (LOW CHANNEL)

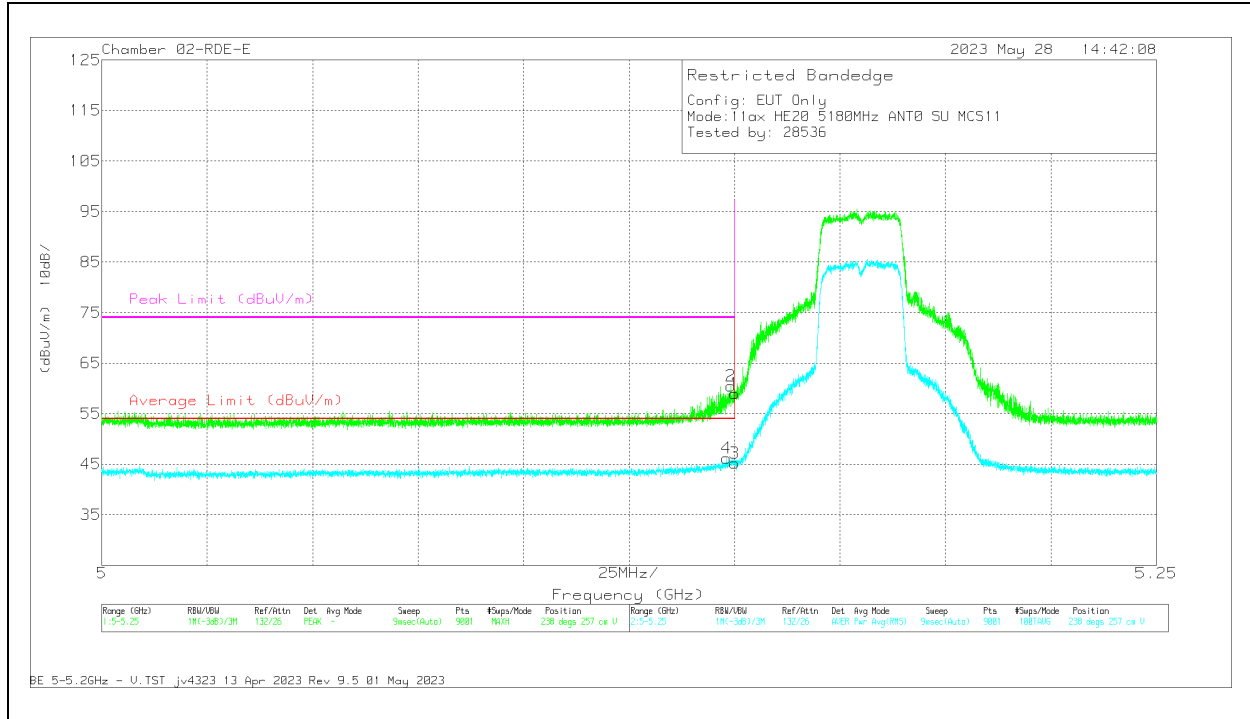
HORIZONTAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	20680 7 ACF (dB/m)	DCCF (dB)	Gain/Loss (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	59.14	Pk	34.3	0	-37.8	55.64	-	-	74	-18.36	168	197	H
2	* 5.149057	62.78	Pk	34.3	0	-37.8	59.28	-	-	74	-14.72	168	197	H
3	* 5.15	47.13	RMS	34.3	.58	-37.8	44.21	54	-9.79	-	-	168	197	H
4	* 5.149668	48.16	RMS	34.3	.58	-37.8	45.24	54	-8.76	-	-	168	197	H

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

VERTICAL RESULT



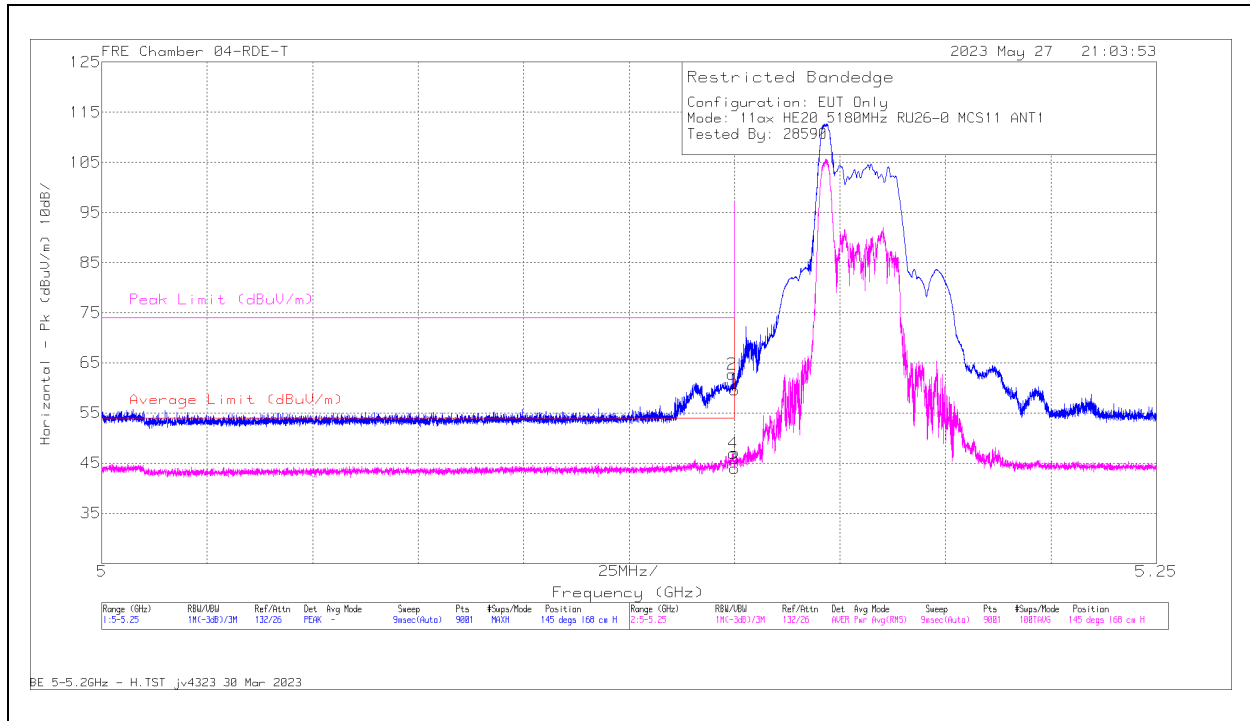
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	20680 7 ACF (dB/m)	DCCF (dB)	Gain/Loss (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 5.15	62.44	Pk	34.3	0	-37.8	58.94	-	-	74	-15.06	238	257	V
2	* 5.149085	63.99	Pk	34.3	0	-37.8	60.49	-	-	74	-13.51	238	257	V
3	* 5.15	48.08	RMS	34.3	.58	-37.8	45.16	54	-8.84	-	-	238	257	V
4	* 5.14814	49.06	RMS	34.3	.58	-37.81	46.13	54	-7.87	-	-	238	257	V

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

1TX Antenna 5 MODE: 26-Tones, RU Index 0

BANDEDGE (LOW CHANNEL)

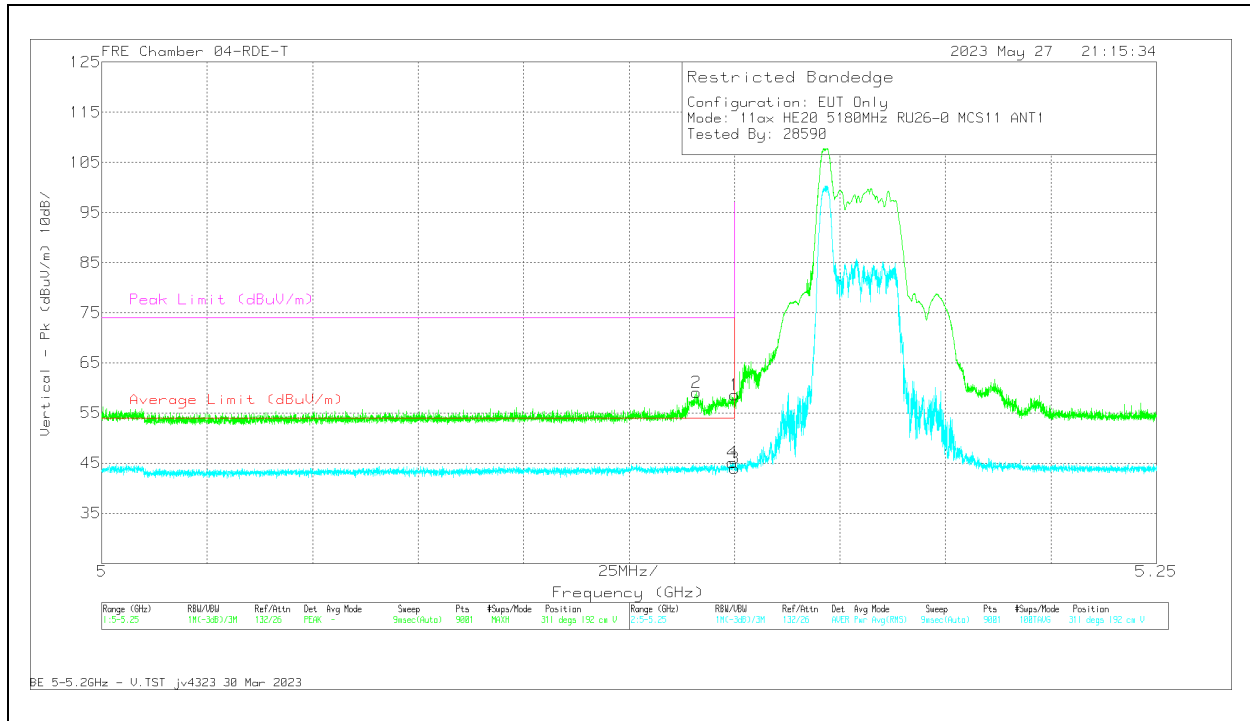
HORIZONTAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	22667 3 ACF (dB) 3mH	DCCF (dB)	Gain/Loss (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	61.27	Pk	34.2	0	-35.9	59.57	-	-	74	-14.43	145	168	H
2	* 5.149446	64.45	Pk	34.2	0	-35.9	62.75	-	-	74	-11.25	145	168	H
3	* 5.15	45.24	RMS	34.2	.49	-35.9	44.03	54	-9.97	-	-	145	168	H
4	* 5.149668	48.23	RMS	34.2	.49	-35.9	47.02	54	-6.98	-	-	145	168	H

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

VERTICAL RESULT



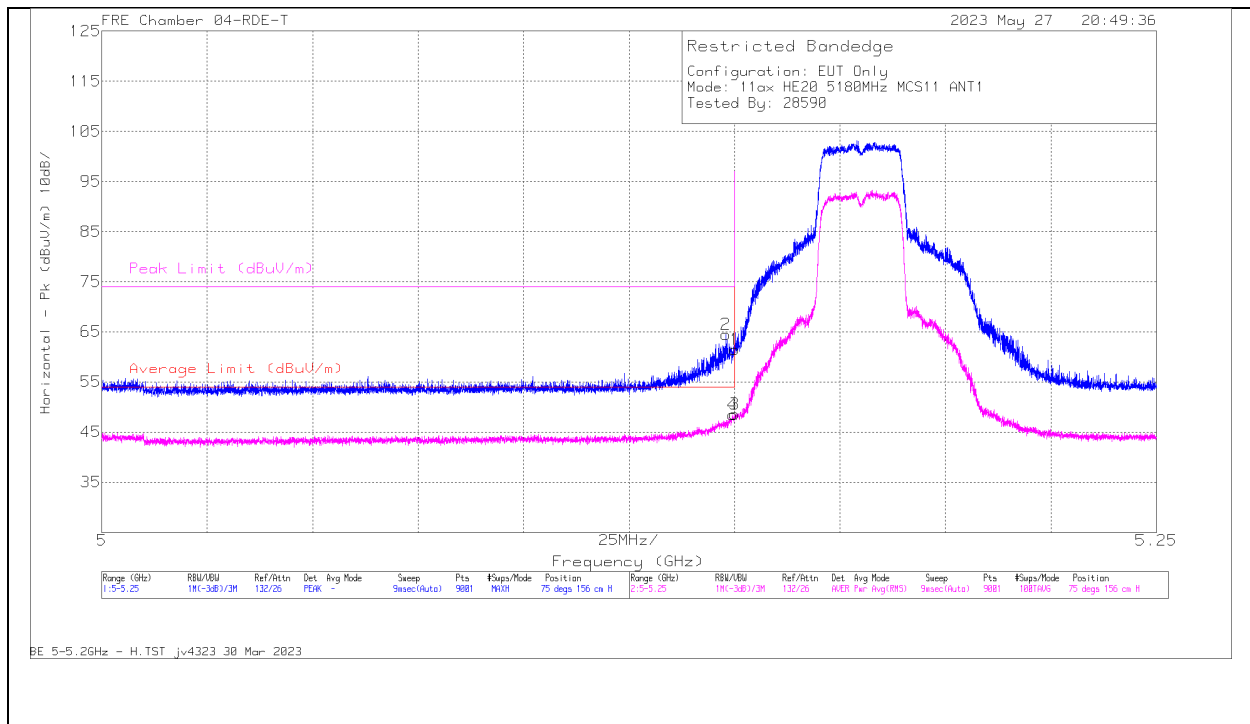
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	22667 3 ACF (dB) 3mH	DCCF (dB)	Gain/Loss (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 5.15	60.31	Pk	34.2	0	-35.9	58.61	-	-	74	-15.39	311	192	V
2	* 5.140918	60.8	Pk	34.2	0	-35.92	59.08	-	-	74	-14.92	311	192	V
3	* 5.15	45.16	RMS	34.2	.49	-35.9	43.95	54	-10.05	-	-	311	192	V
4	* 5.149501	46.32	RMS	34.2	.49	-35.9	45.11	54	-8.89	-	-	311	192	V

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

1TX Antenna 5 MODE: SU, Single User

BANDEDGE (LOW CHANNEL)

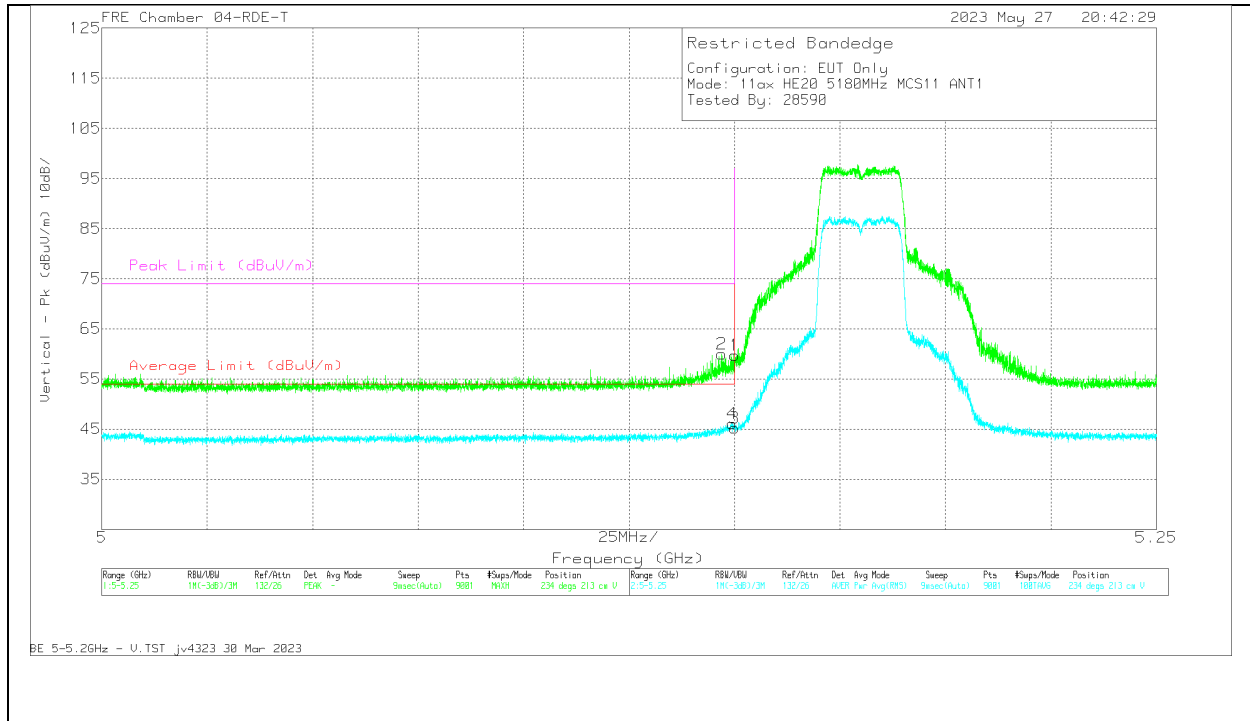
HORIZONTAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	22667 3 ACF (dB) 3mH	DCCF (dB)	Gain/Loss (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	63.14	Pk	34.2	0	-35.9	61.44	-	-	74	-12.56	75	156	H
2	* 5.147918	66.21	Pk	34.2	0	-35.91	64.5	-	-	74	-9.5	75	156	H
3	* 5.15	49.65	RMS	34.2	.58	-35.9	48.53	54	-5.47	-	-	75	156	H
4	* 5.149612	49.55	RMS	34.2	.58	-35.9	48.43	54	-5.57	-	-	75	156	H

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

VERTICAL RESULT

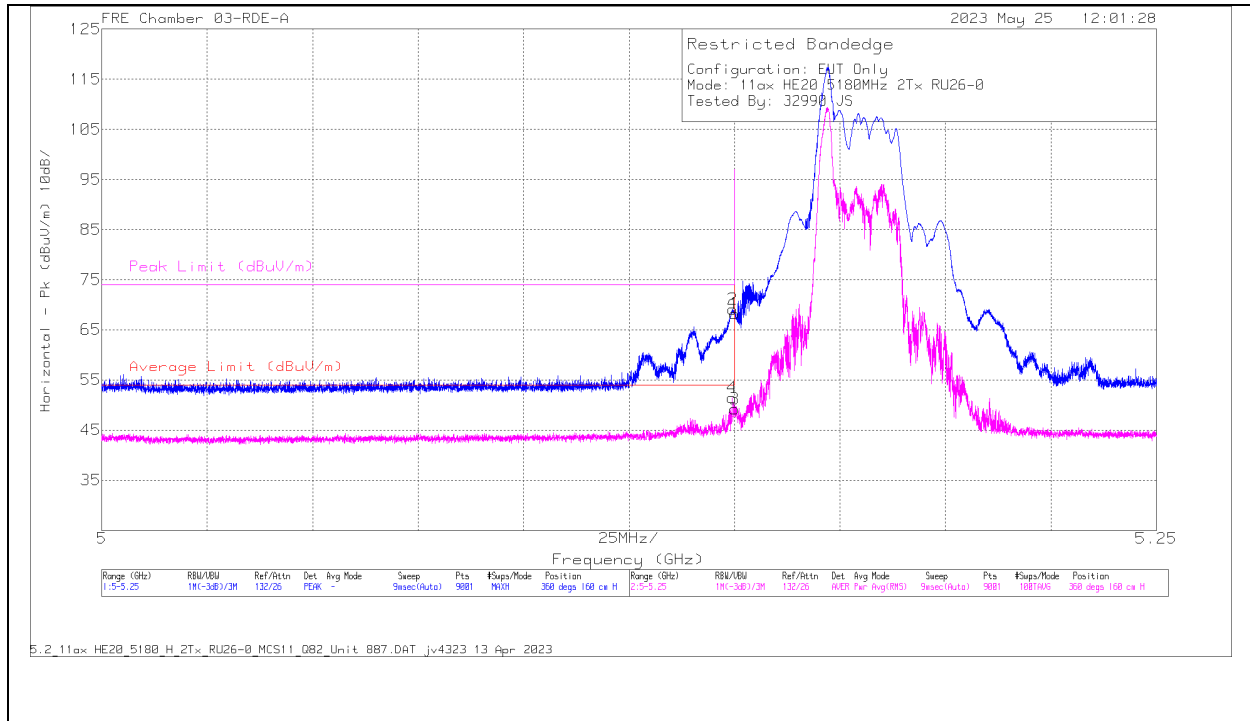


Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	22667 3 ACF (dB) 3mH	DCCF (dB)	Gain/Loss (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 5.15	61.39	Pk	34.2	0	-35.9	59.69	-	-	74	-14.31	234	213	V
2	* 5.146973	61.66	Pk	34.2	0	-35.93	59.93	-	-	74	-14.07	234	213	V
3	* 5.15	46.37	RMS	34.2	.58	-35.9	45.25	54	-8.75	-	-	234	213	V
4	* 5.149362	47.22	RMS	34.2	.58	-35.9	46.10	54	-7.90	-	-	234	213	V

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

2TX Antenna 6 + Antenna 5 OFDMA MODE: 26-Tones, RU Index 0
BANDEDGE (LOW CHANNEL)

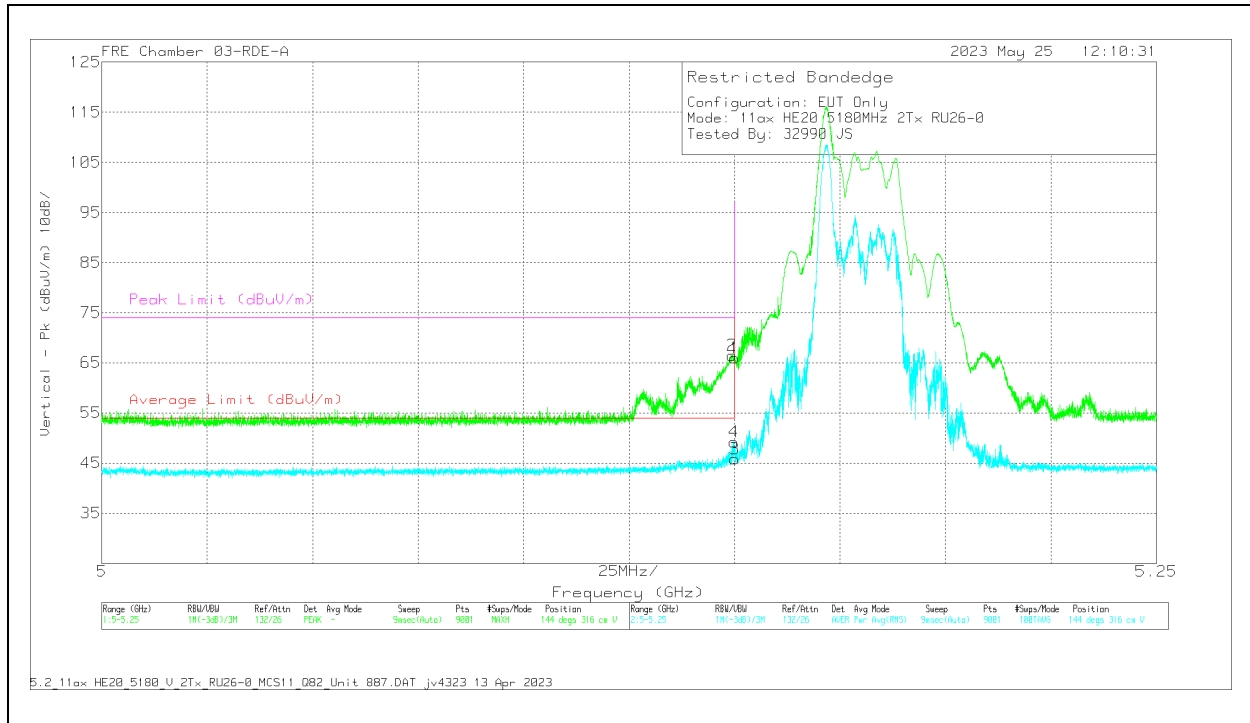
HORIZONTAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	23029 9 ACF (dB/m)	DCCF (dB)	Gain/Loss (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarization
1	* 5.15	72.36	Pk	34.6	0	-38.69	68.27	-	-	74	-5.73	360	160	H
2	* 5.149529	73.16	Pk	34.6	0	-38.7	69.06	-	-	74	-4.94	360	160	H
3	* 5.15	52.73	RMS	34.6	.49	-38.69	49.13	54	-4.87	-	-	360	160	H
4	* 5.149418	54.99	RMS	34.6	.49	-38.71	51.37	54	-2.63	-	-	360	160	H

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

VERTICAL RESULT

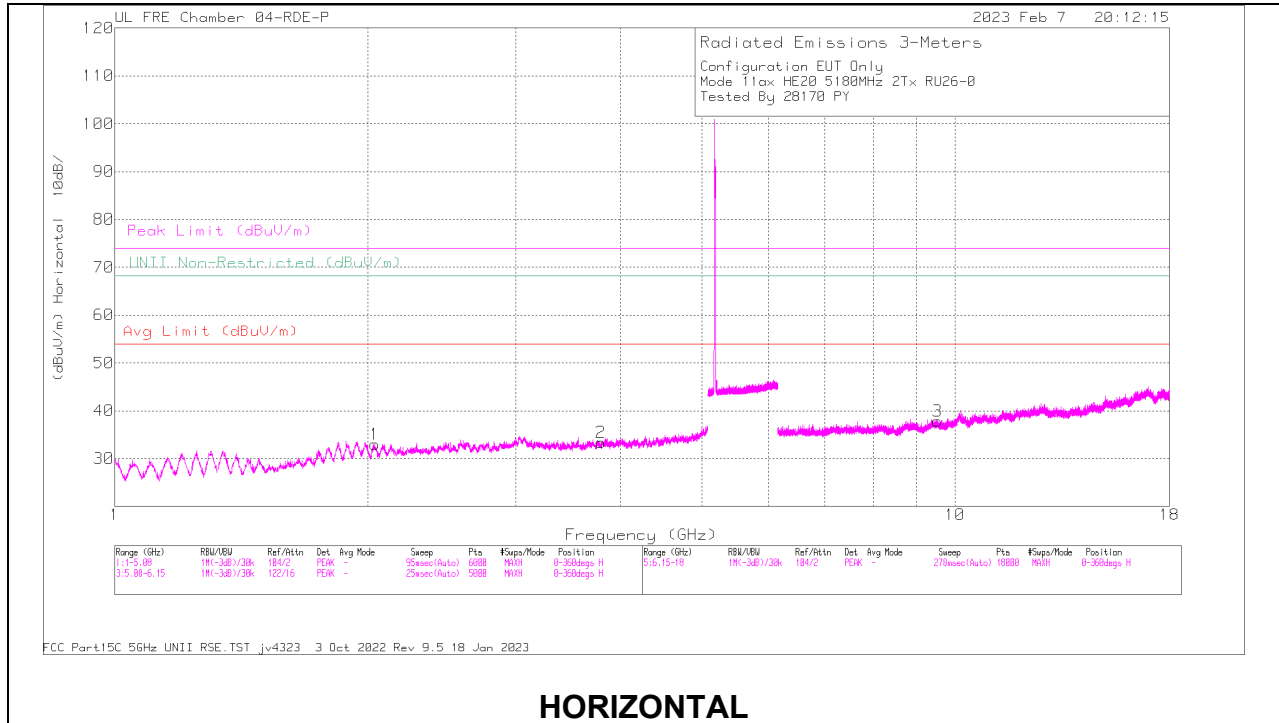


Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	23029 9 ACF (dB/m)	DCCF (dB)	Gain/Loss (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 5.15	70.02	Pk	34.6	0	-38.69	65.93	-	-	74	-8.07	144	316	V
2	* 5.149446	70.61	Pk	34.6	0	-38.71	66.5	-	-	74	-7.5	144	316	V
3	* 5.15	49.33	RMS	34.6	.49	-38.69	45.73	54	-8.27	-	-	144	316	V
4	* 5.14989	52.71	RMS	34.6	.49	-38.69	49.11	54	-4.89	-	-	144	316	V

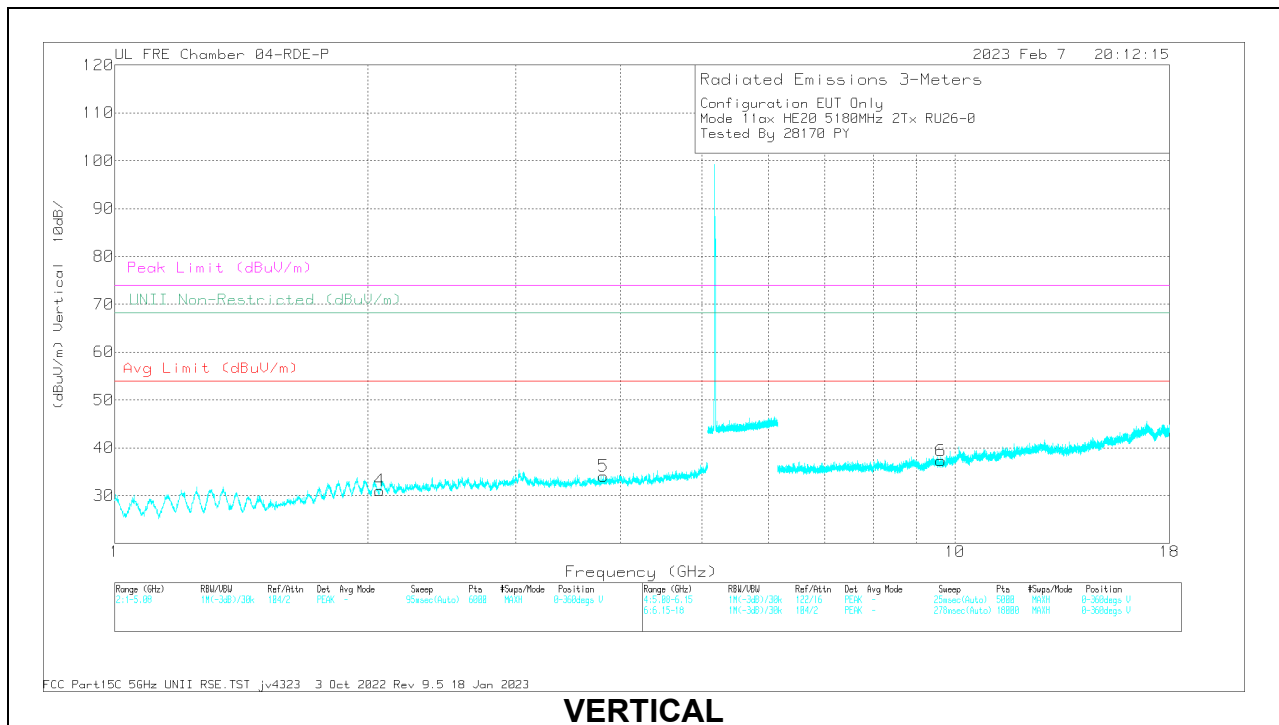
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band
 Pk - Peak detector
 RMS - RMS detection

1.2.8. 5.2GHz, 11ax HE20 RU26 2TX HARMONICS AND SPURIOUS EMISSIONS

LOW CHANNEL RESULTS



HORIZONTAL



VERTICAL

RADIATED EMISSIONS

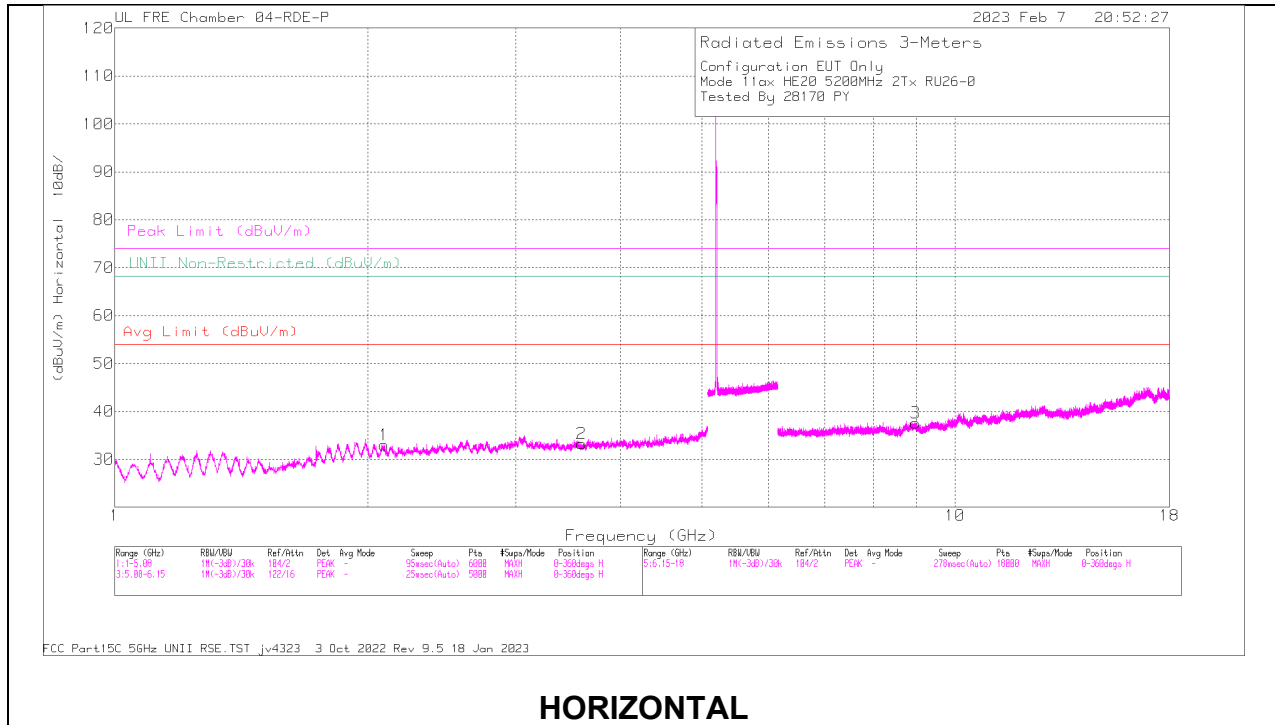
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	222740 ACF(dB) - 3mH	Gain/Loss (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 3.788658	56.05	PK-U	33.2	-45.77	43.48	-	-	74	-30.52	-	-	0	100	H
	* 3.788008	44.5	ADR	33.2	-45.81	31.89	54	-22.11	-	-	-	-	0	100	H
2	* 3.812877	57.05	PK-U	33.3	-46.09	44.26	-	-	74	-29.74	-	-	0	200	V
	* 3.813133	44.98	ADR	33.3	-46.09	32.19	54	-21.81	-	-	-	-	0	200	V
3	2.037435	60.65	PK-U	31.5	-49.07	43.08	-	-	-	-	68.2	-25.12	0	100	H
	2.040988	49	ADR	31.5	-49.2	31.3	-	-	-	-	-	-	0	100	H
4	2.068081	59.38	PK-U	31.4	-49.21	41.57	-	-	-	-	68.2	-26.63	0	201	V
	2.068114	47.92	ADR	31.4	-49.21	30.11	-	-	-	-	-	-	0	201	V
5	9.538449	56.5	PK-U	36.4	-45.05	47.85	-	-	-	-	68.2	-20.35	0	100	H
	9.5402	44.99	ADR	36.4	-45.06	36.33	-	-	-	-	-	-	0	100	H
6	9.624712	56.95	PK-U	36.5	-45.24	48.21	-	-	-	-	68.2	-19.99	0	201	V
	9.625552	45.02	ADR	36.5	-45.22	36.3	-	-	-	-	-	-	0	201	V

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

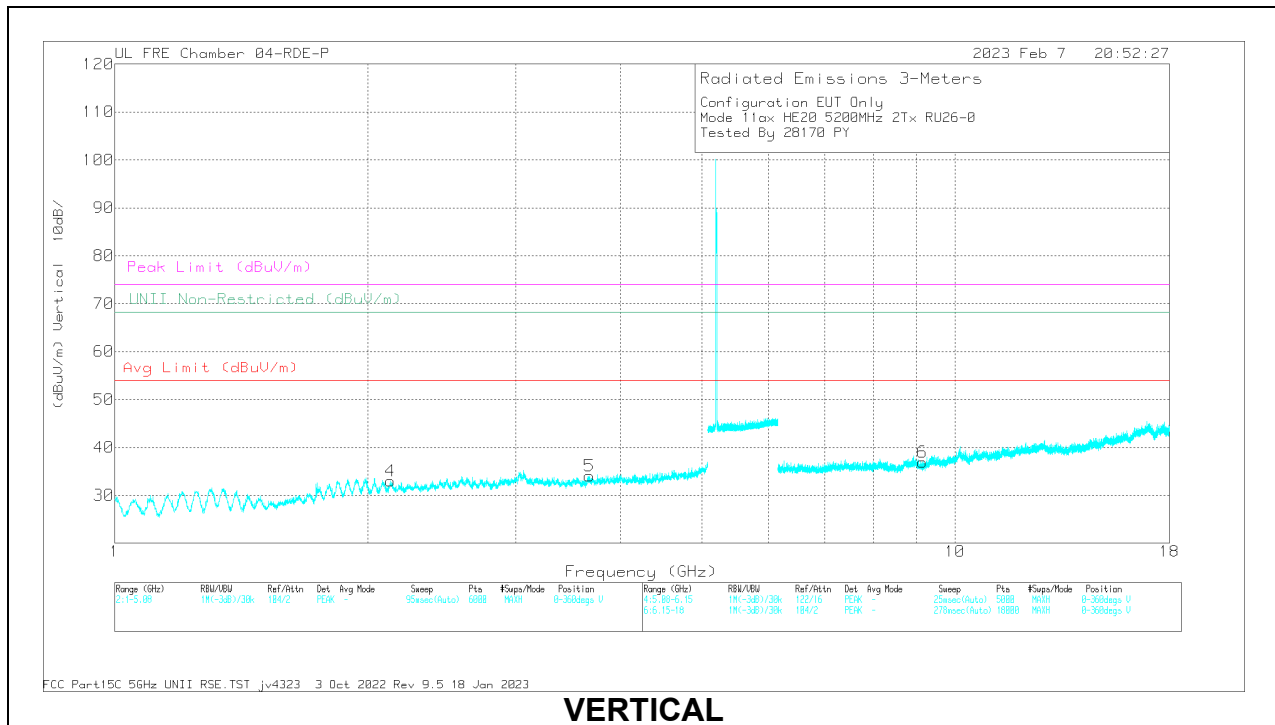
PK-U - U-NII: Maximum Peak

ADR - U-NII AD primary method, RMS average

MID CHANNEL RESULTS



HORIZONTAL



VERTICAL

RADIATED EMISSIONS

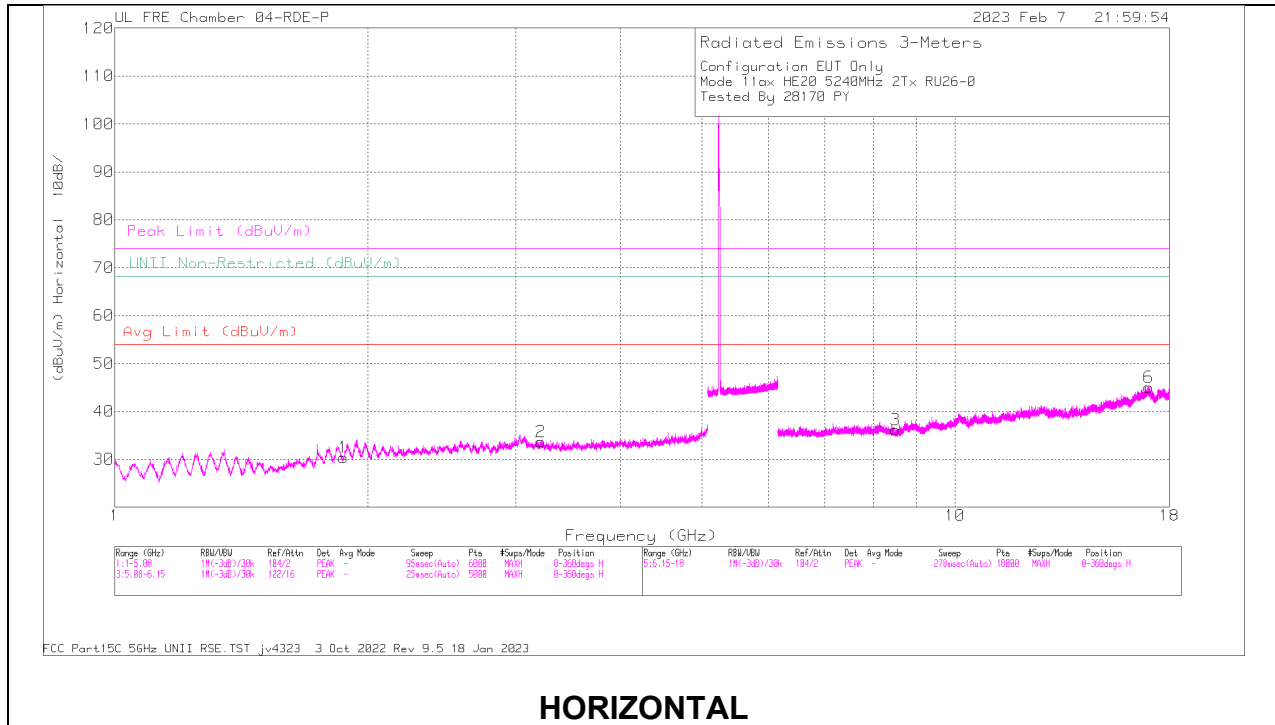
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	222740 ACF(dB) - 3mH	Gain/Loss (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
2	* 3.594894	56.68	PK-U	32.9	-46.22	43.36	-	-	74	-30.64	-	-	0	100	H
	* 3.595917	44.67	ADR	32.9	-46.2	31.37	54	-22.63	-	-	-	-	0	100	H
5	* 3.672854	56.83	PK-U	33	-46.22	43.61	-	-	74	-30.39	-	-	0	200	V
	* 3.670895	45.1	ADR	33	-46.17	31.93	54	-22.07	-	-	-	-	0	200	V
6	* 9.152787	54.38	PK-U	36.1	-43.33	47.15	-	-	74	-26.85	-	-	0	201	V
	* 9.15378	42.08	ADR	36.1	-43.31	34.87	54	-19.13	-	-	-	-	0	201	V
1	2.089209	60.78	PK-U	31.4	-49.33	42.85	-	-	-	-	68.2	-25.35	0	100	H
4	2.129056	62	PK-U	31.3	-49.37	43.93	-	-	-	-	68.2	-24.27	0	201	V
3	8.976712	54.1	PK-U	36	-42.95	47.15	-	-	-	-	68.2	-21.05	0	100	H

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

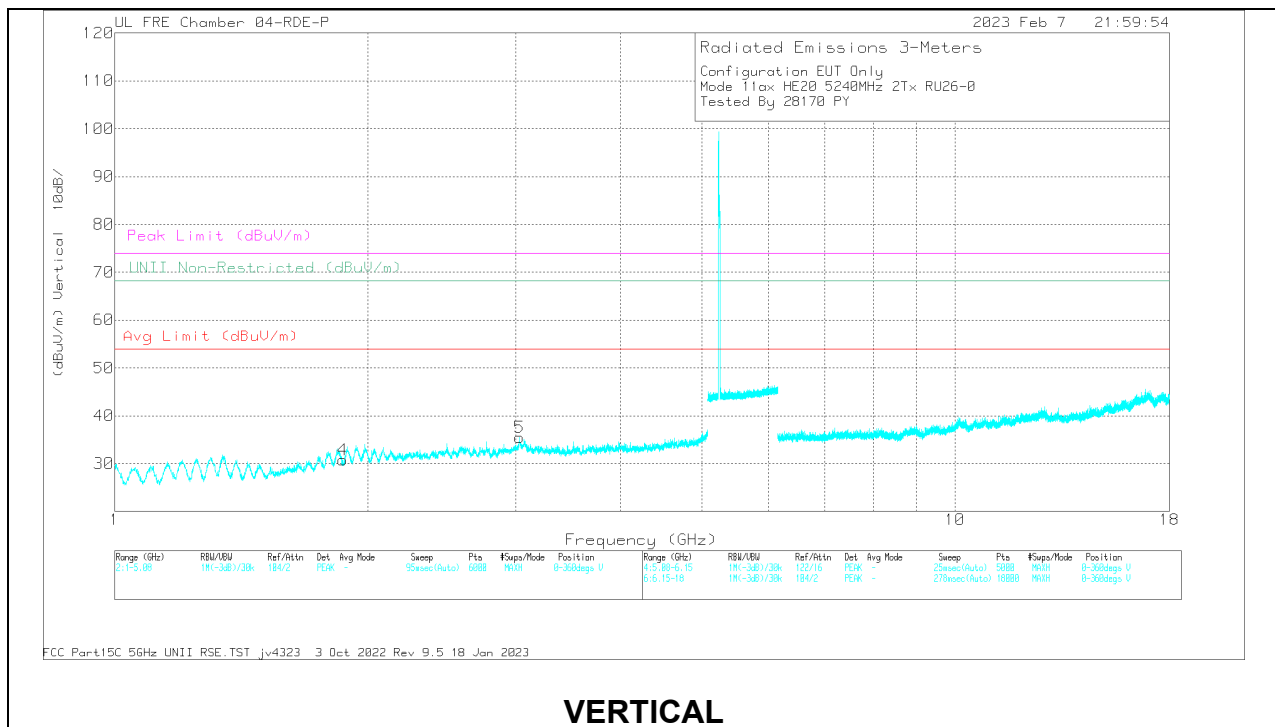
PK-U - U-NII: Maximum Peak

ADR - U-NII AD primary method, RMS average

HIGH CHANNEL RESULTS



HORIZONTAL



VERTICAL

RADIATED EMISSIONS

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	222740 ACF(dB) - 3mH	Gain/Loss (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	* 8.495395	53.86	PK-U	35.6	-43.29	46.17	-	-	74	-27.83	-	-	0	100	H
	* 8.492885	42.2	ADR	35.6	-43.34	34.46	54	-19.54	-	-	-	-	0	100	H
4	1.869562	59.08	PK-U	31.2	-49.2	41.08	-	-	-	-	68.2	-27.12	0	201	V
1	1.873349	59	PK-U	31.2	-49.11	41.09	-	-	-	-	68.2	-27.11	0	100	H
5	3.03101	60.01	PK-U	33.4	-47.78	45.63	-	-	-	-	68.2	-22.57	0	200	V
2	3.215811	57.98	PK-U	32.9	-46.75	44.13	-	-	-	-	68.2	-24.07	0	100	H
6	17.020839	54.15	PK-U	42.3	-42.31	54.14	-	-	-	-	68.2	-14.06	0	100	H

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

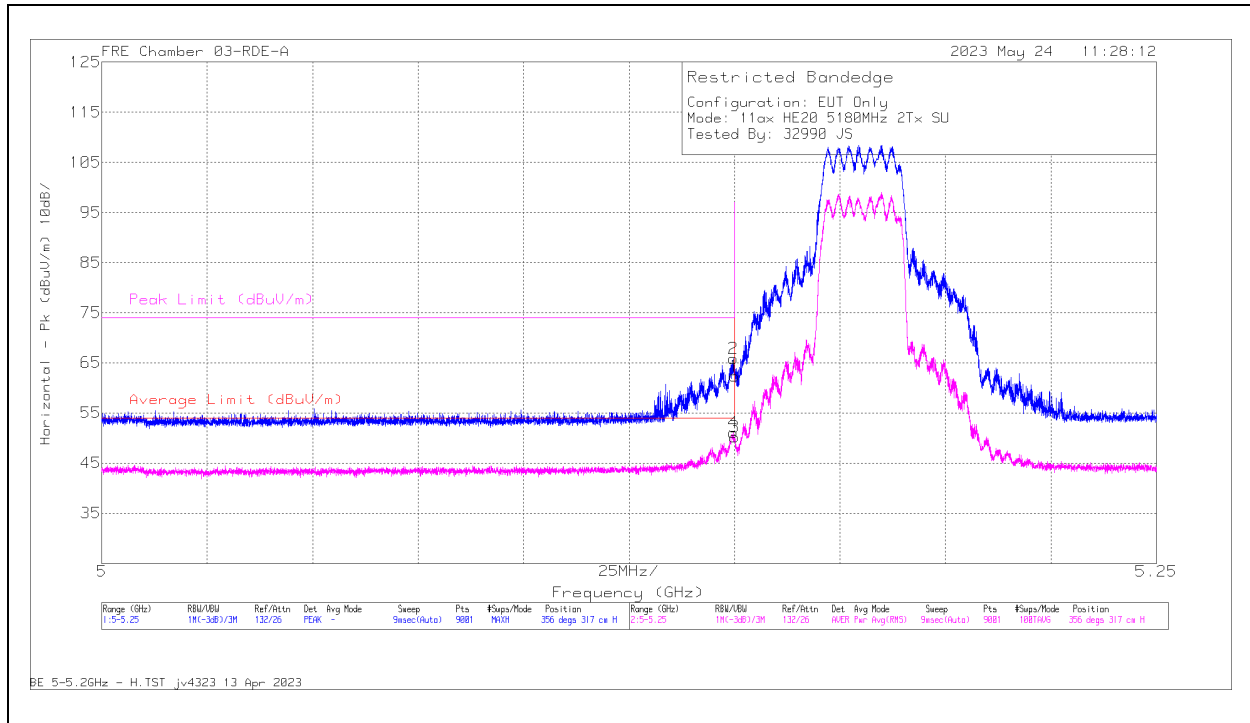
PK-U - U-NII: Maximum Peak

ADR - U-NII AD primary method, RMS average

2TX Antenna 6 + Antenna 5 OFDMA MODE: SU, Single User

BANDEDGE (LOW CHANNEL)

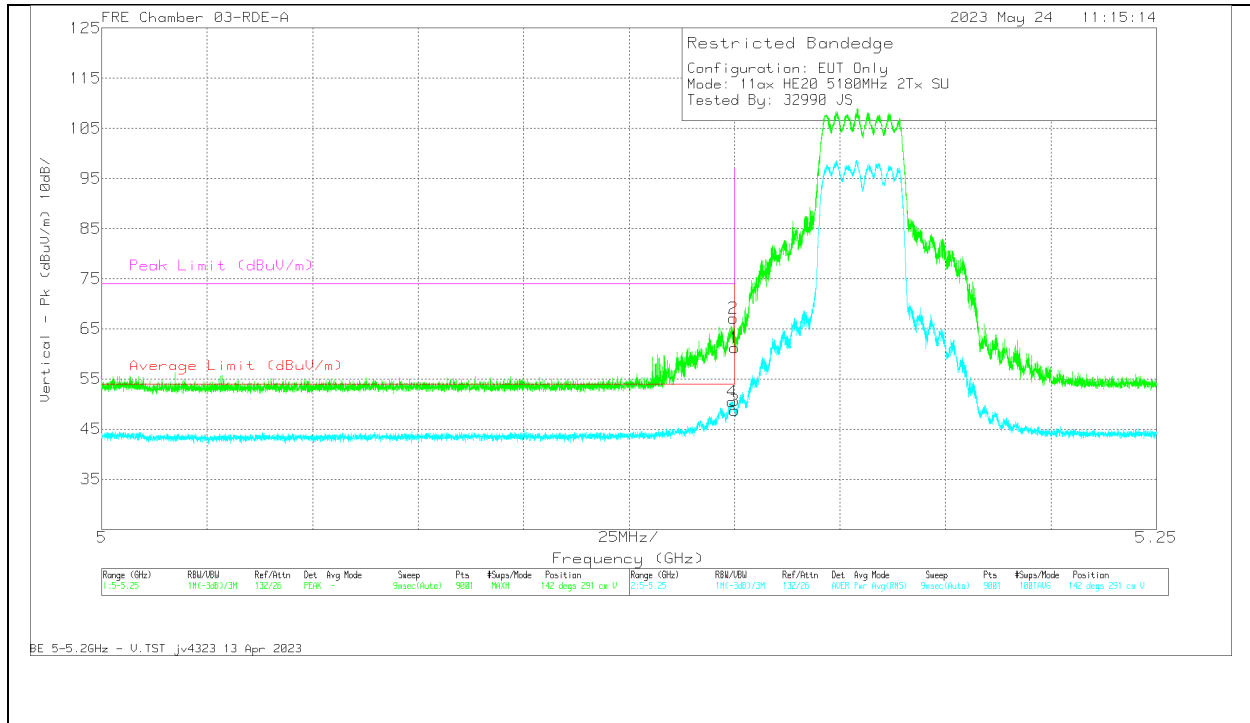
HORIZONTAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	23029 9 ACF (dB/m)	DCCF (dB)	Gain/Loss (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	66.44	Pk	34.6	0	-38.69	62.35	-	-	74	-11.65	356	317	H
2	* 5.149723	69.96	Pk	34.6	0	-38.7	65.86	-	-	74	-8.14	356	317	H
3	* 5.15	53.57	RMS	34.6	.58	-38.69	50.06	54	-3.94	-	-	356	317	H
4	* 5.149779	54.51	RMS	34.6	.58	-38.7	50.99	54	-3.01	-	-	356	317	H

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

VERTICAL RESULT

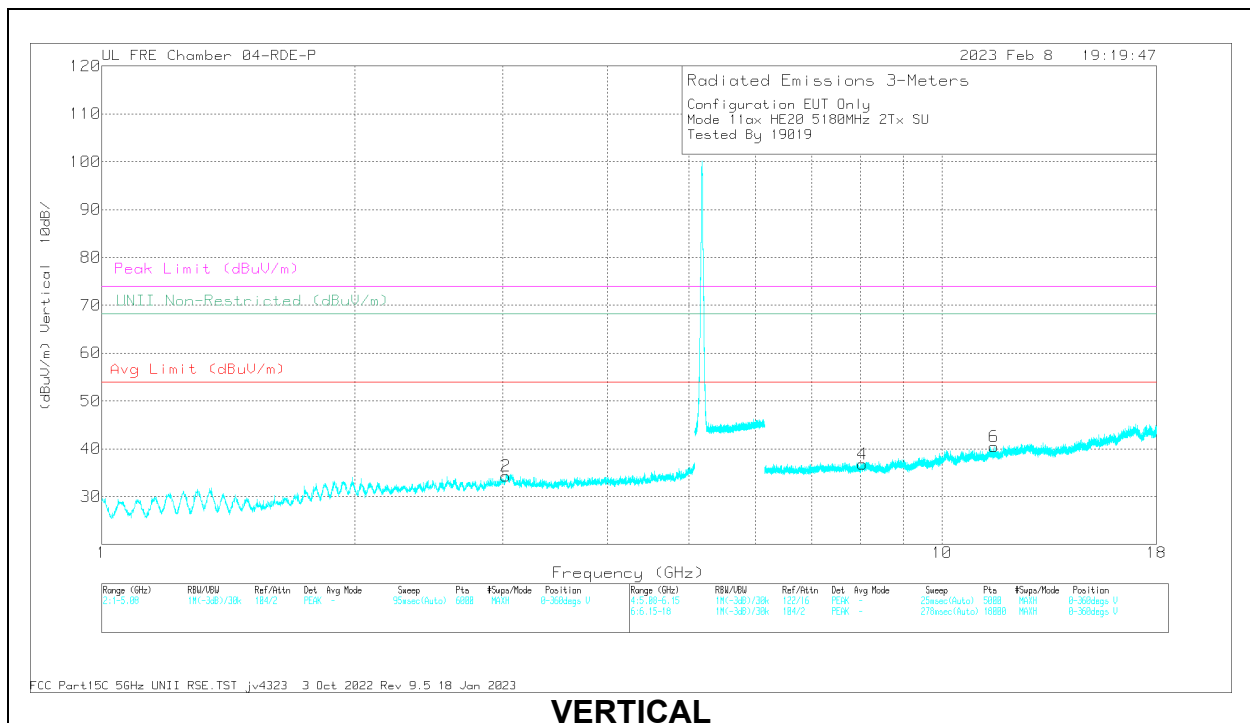
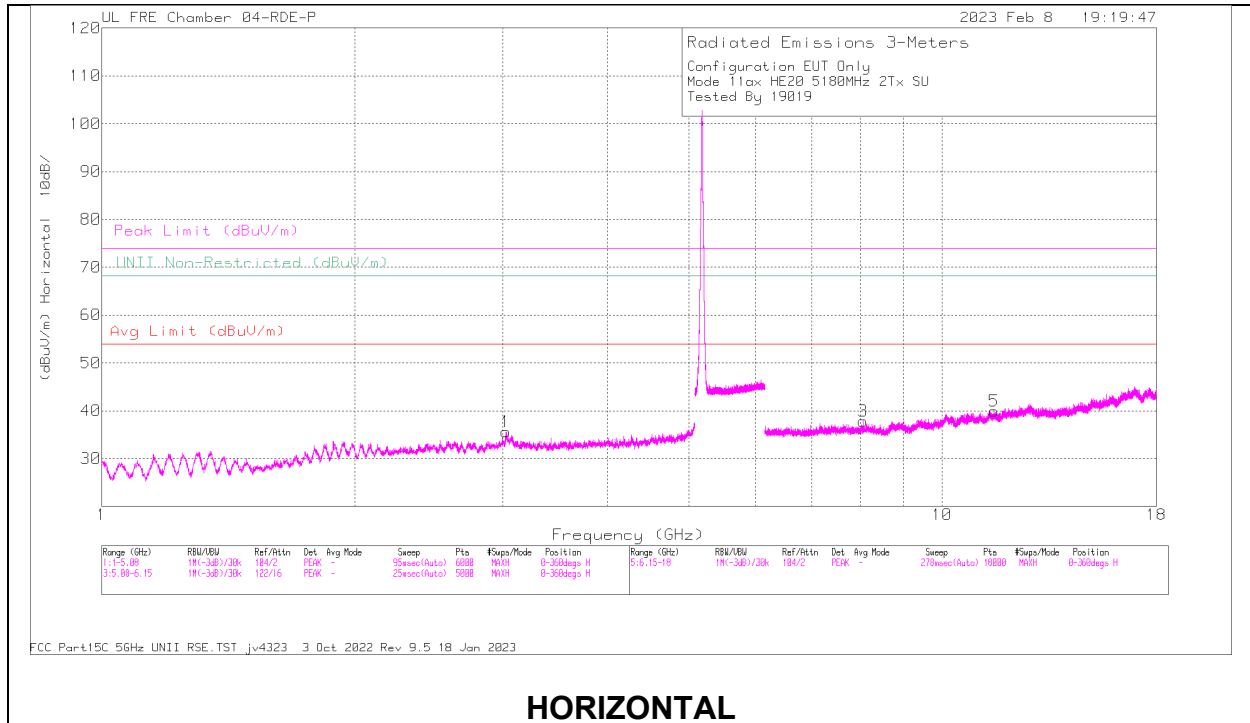


Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	23029 9 ACF (dB/m)	DCCF (dB)	Gain/Loss (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarit y
1	* 5.15	65.31	Pk	34.6	0	-38.69	61.22	-	-	74	-12.78	142	291	V
2	* 5.149723	71.21	Pk	34.6	0	-38.7	67.11	-	-	74	-6.89	142	291	V
3	* 5.15	52.03	RMS	34.6	.58	-38.69	48.52	54	-5.48	-	-	142	291	V
4	* 5.149362	53.91	RMS	34.6	.58	-38.71	50.38	54	-3.62	-	-	142	291	V

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

1.2.9. 5.2GHz, 11ax HE20 SU 2TX HARMONICS AND SPURIOUS EMISSIONS

LOW CHANNEL RESULTS

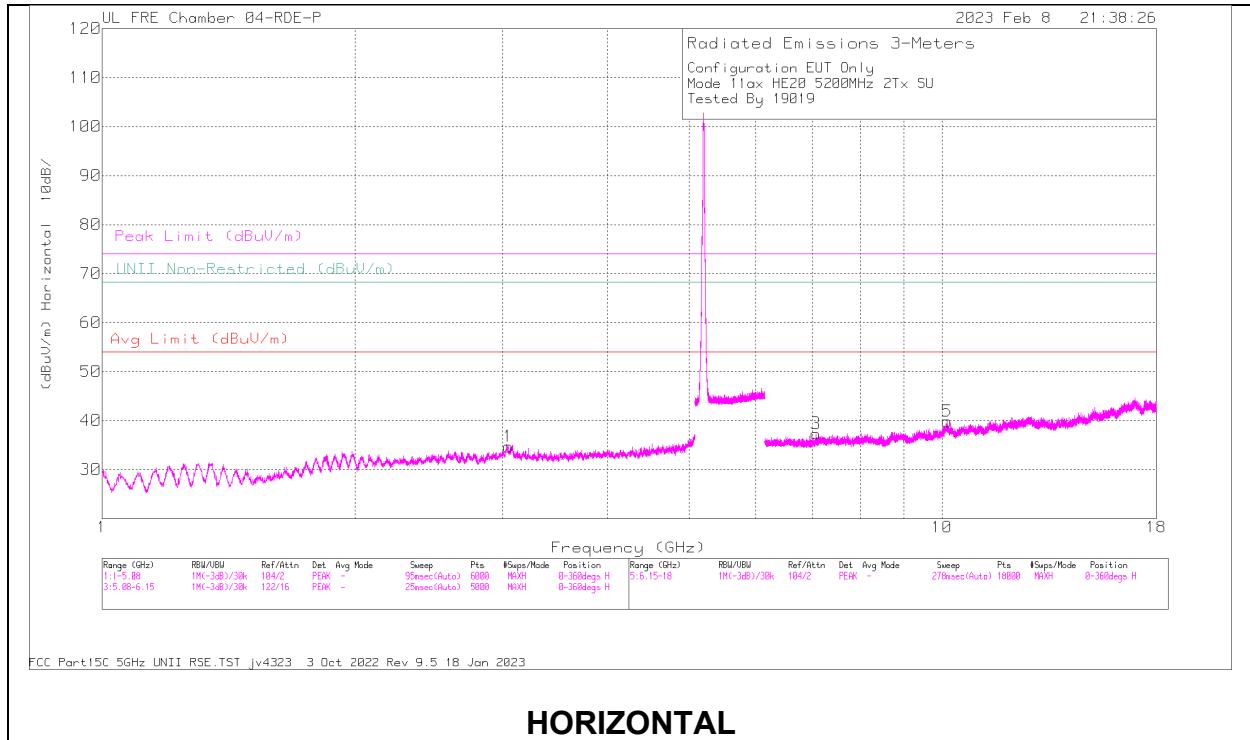


RADIATED EMISSIONS

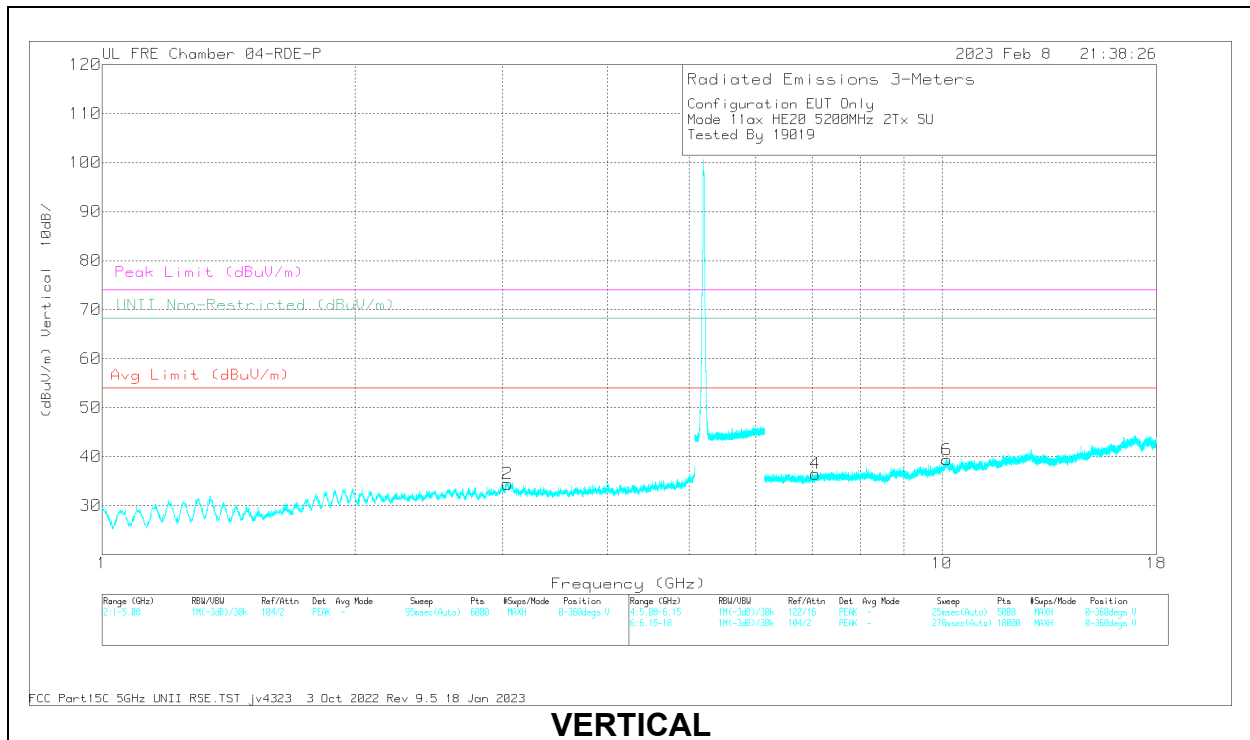
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	222740 ACF(dB) - 3mH	Gain/Loss (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
2	3.026465	59.08	PK-U	33.4	-47.83	44.65	-	-	-	-	68.2	-23.55	162	246	V
1	3.030766	59.8	PK-U	33.4	-47.79	45.41	-	-	-	-	68.2	-22.79	274	342	H
4	8.043916	55.72	PK-U	35.7	-45.08	46.34	-	-	74	-27.66	-	-	286	250	V
	8.046115	44.34	ADR	35.7	-45.15	34.89	54	-19.11	-	-	-	-	286	250	V
3	8.057273	52.83	PK-U	35.7	-45.04	43.49	-	-	74	-30.51	-	-	86	137	H
	8.057273	43.81	ADR	35.7	-45.04	34.47	54	-19.53	-	-	-	-	86	137	H
6	11.529956	43.01	ADR	38.1	-43.21	37.9	54	-16.1	-	-	-	-	309	168	V
	11.530034	54.44	PK-U	38.1	-43.21	49.33	-	-	74	-24.67	-	-	309	168	V
5	11.536759	51.92	PK-U	38.1	-43.26	46.76	-	-	74	-27.24	-	-	196	100	H
	11.536759	41.46	ADR	38.1	-43.26	36.3	54	-17.7	-	-	-	-	196	100	H

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

MID CHANNEL RESULTS



HORIZONTAL



VERTICAL

RADIATED EMISSIONS

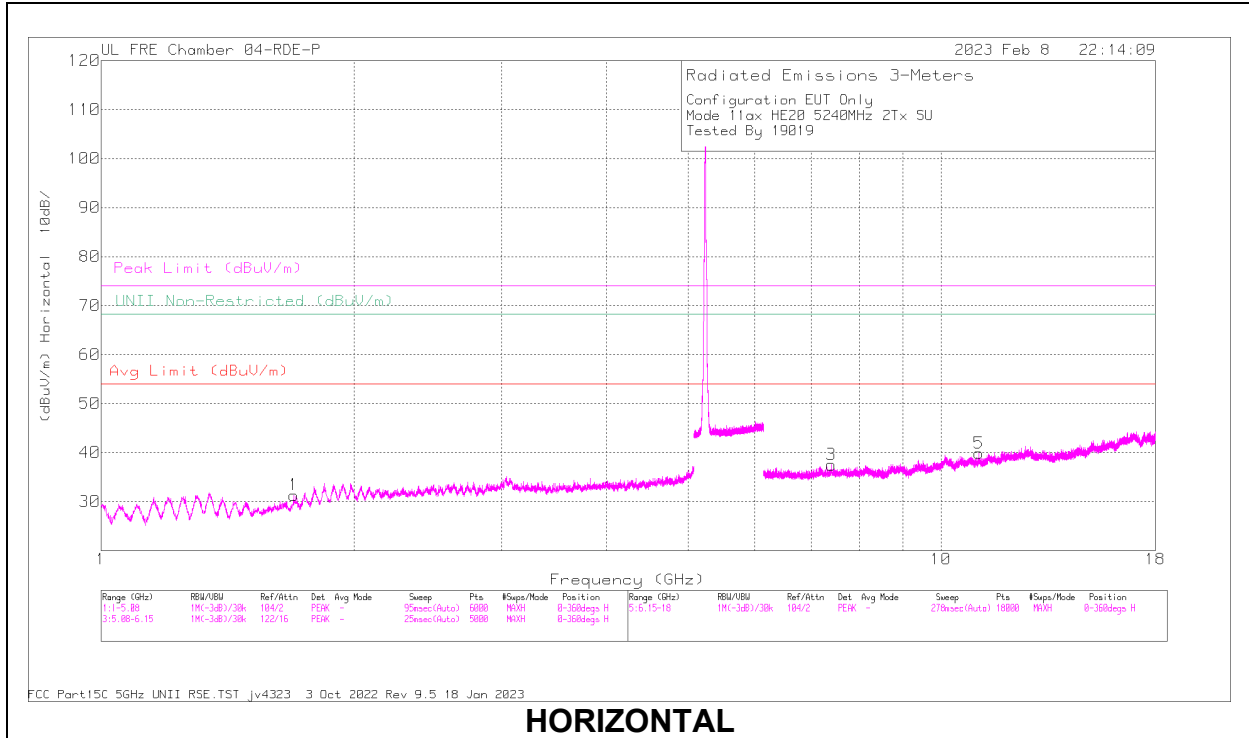
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	222740 ACF(dB) - 3mH	Gain/Loss (dB)	Corrected Reading (dBuV/m)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
2	3.035275	59.96	PK-U	33.4	-47.67	45.69	68.2	-22.51	162	269	V
1	3.038811	58.81	PK-U	33.4	-47.58	44.63	68.2	-23.57	102	309	H
4	7.070165	56.22	PK-U	35.6	-45.49	46.33	68.2	-21.87	207	358	V
3	7.078935	53.61	PK-U	35.6	-45.56	43.65	68.2	-24.55	212	107	H
6	10.141154	58.28	PK-U	37.2	-46.24	49.24	68.2	-18.96	346	335	V
5	10.14694	54.84	PK-U	37.2	-46.22	45.82	68.2	-22.38	93	189	H

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

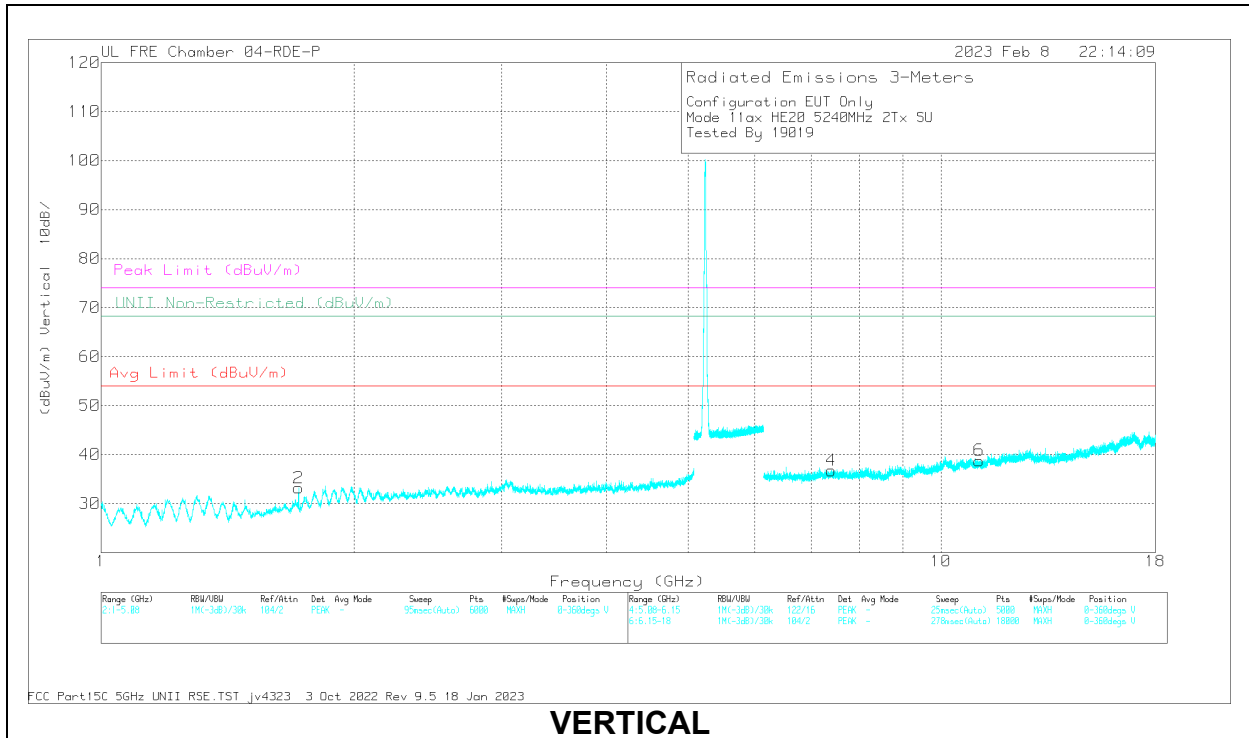
PK-U - U-NII: Maximum Peak

ADR - U-NII AD primary method, RMS average

HIGH CHANNEL RESULTS



HORIZONTAL



VERTICAL

RADIATED EMISSIONS

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	222740 ACF(dB) - 3mH	Gain/Loss (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	1.696449	60.49	PK-U	29.2	-48.96	40.73	-	-	74	-33.27	240	181	H
	1.698577	48.59	ADR	29.2	-48.97	28.82	54	-25.18	-	-	240	181	H
2	1.718227	47.66	ADR	29.5	-49.08	28.08	-	-	-	-	311	200	V
	1.721304	60.6	PK-U	29.6	-49.14	41.06	-	-	74	-32.94	311	200	V
4	7.395938	44.61	ADR	35.7	-45.37	34.94	54	-19.06	-	-	357	302	V
	7.396385	56.06	PK-U	35.7	-45.35	46.41	-	-	74	-27.59	357	302	V
3	7.402853	53.38	PK-U	35.7	-45.21	43.87	-	-	74	-30.13	259	153	H
	7.402853	43.55	ADR	35.7	-45.21	34.04	54	-19.96	-	-	259	153	H
5	11.093017	50.88	PK-U	37.7	-43.16	45.42	-	-	74	-28.58	328	297	H
	11.093017	41.5	ADR	37.7	-43.16	36.04	54	-17.96	-	-	328	297	H
6	11.102607	42.58	ADR	37.7	-43.06	37.22	54	-16.78	-	-	290	350	V
	11.105443	54.7	PK-U	37.7	-43.03	49.37	-	-	74	-24.63	290	350	V

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

PK-U - U-NII: Maximum Peak

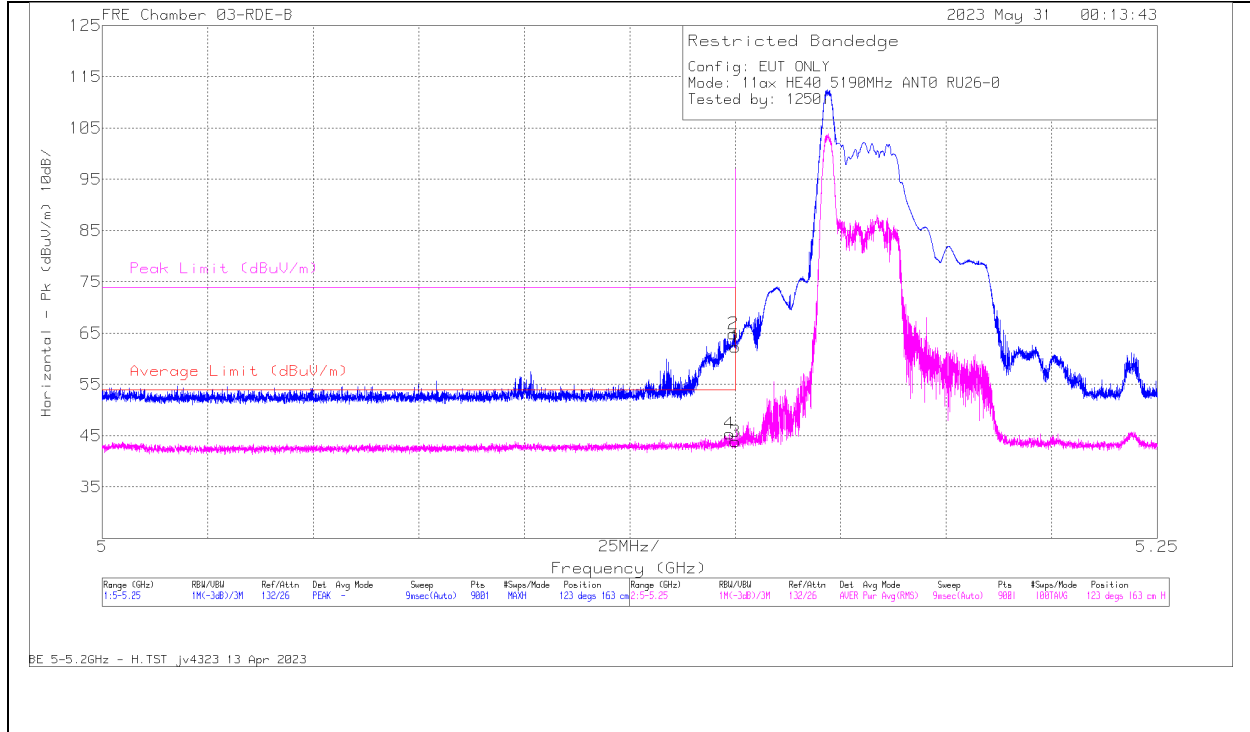
ADR - U-NII AD primary method, RMS average

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

1TX Antenna 6 MODE: 26-Tones, RU Index 0

BANDEDGE (LOW CHANNEL)

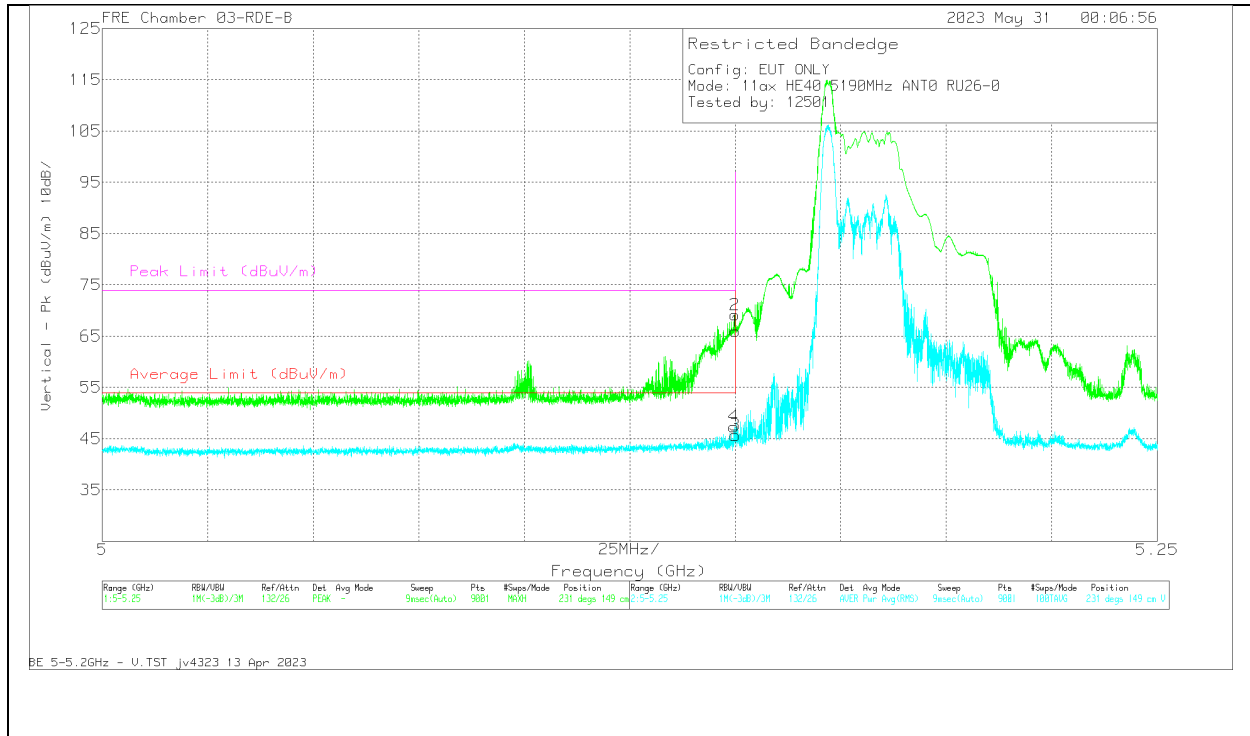
HORIZONTAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	23030 ACF (dB/m)	DCCF (dB)	Gain/Loss (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	67.89	Pk	34.3	0	-39.9	62.29	-	-	74	-11.71	123	163	H
2	* 5.149557	70.5	PK	34.3	0	-39.9	64.9	-	-	74	-9.1	123	163	H
3	* 5.15	48.93	RMS	34.3	.45	-39.9	43.78	54	-10.22	-	-	123	163	H
4	* 5.14864	50.46	RMS	34.3	.45	-39.9	45.31	54	-8.69	-	-	123	163	H

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

VERTICAL RESULT



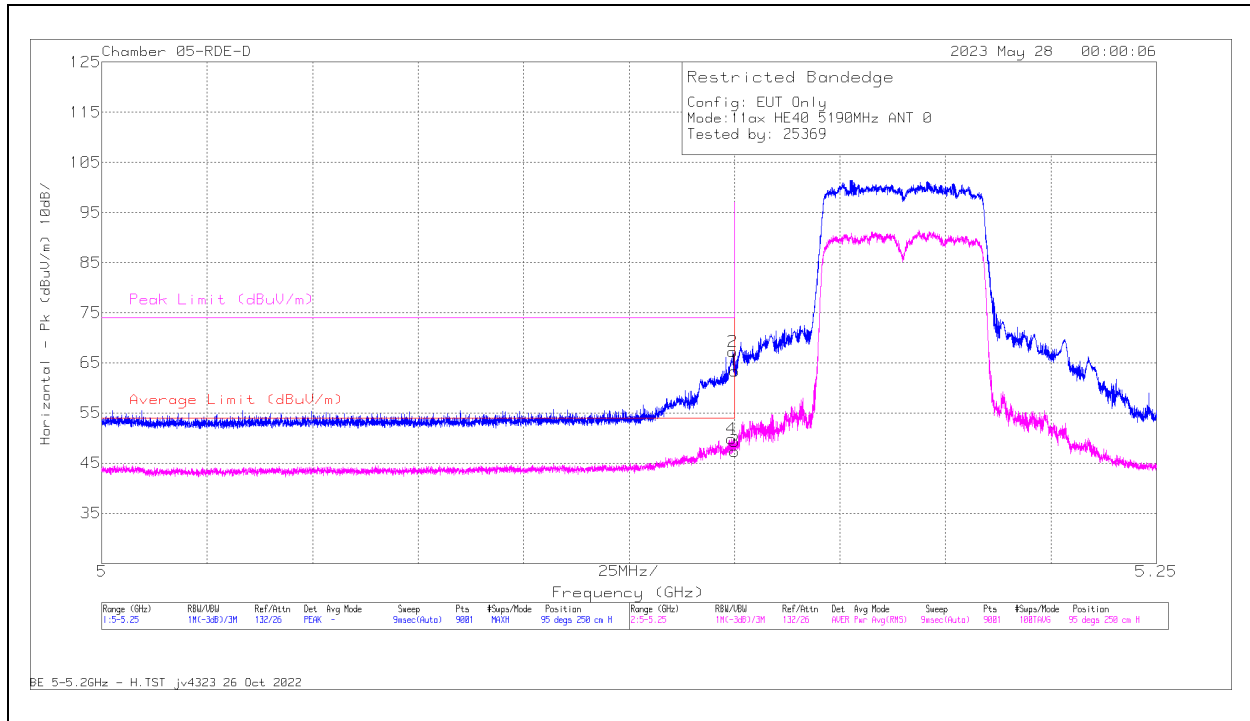
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	23030 ACF (dB/m)	DCCF (dB)	Gain/Loss (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 5.15	71.53	Pk	34.3	0	-39.9	65.93	-	-	74	-8.07	231	149	V
2	* 5.14989	74.72	Pk	34.3	0	-39.9	69.12	-	-	74	-4.88	231	149	V
3	* 5.15	50.74	RMS	34.3	.45	-39.9	45.59	54	-8.41	-	-	231	149	V
4	* 5.149696	52.43	RMS	34.3	.45	-39.9	47.28	54	-6.72	-	-	231	149	V

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

1TX Antenna 6 MODE: SU, Single User

BANDEDGE (LOW CHANNEL)

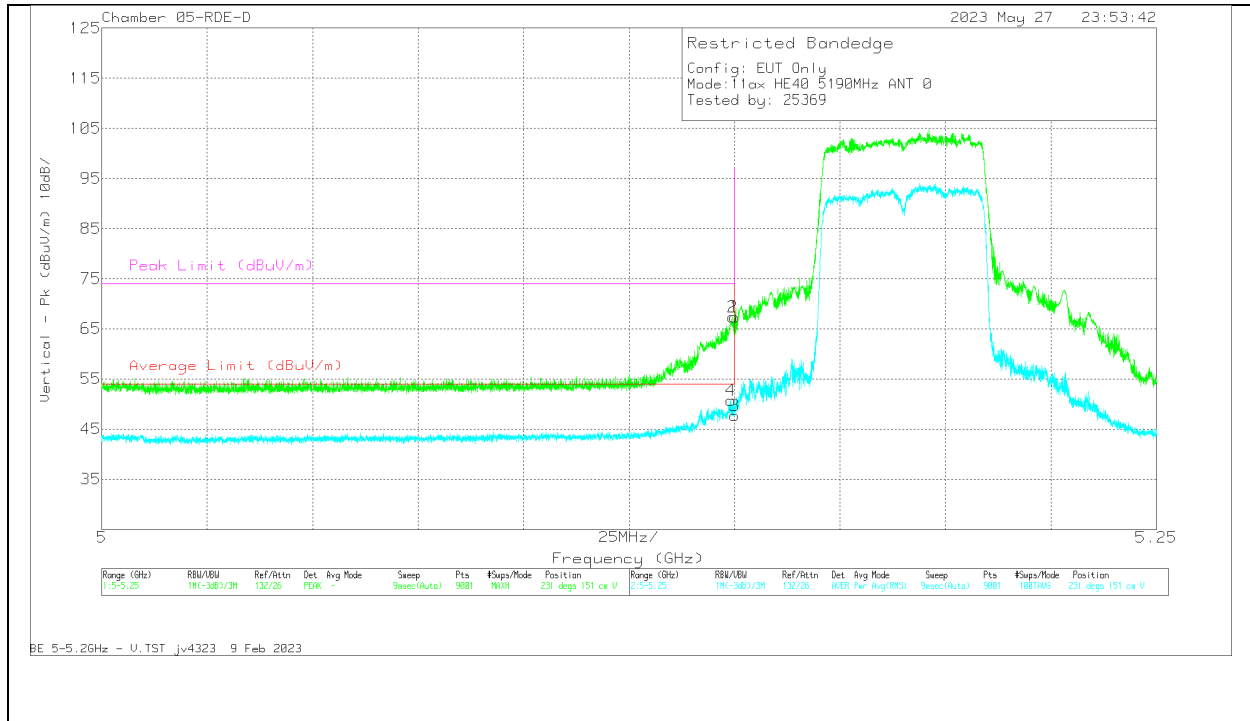
HORIZONTAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	80402 ACF(dB) - 3mH	DCCF (dB)	Gain/Loss (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
4	5.149223	52.88	RMS	34.5	.81	-38.51	50.02	54	-3.98	-	-	95	250	H
2	5.14964	71.18	PK	34.5	0	-38.5	67.18	-	-	74	-6.82	95	250	H
1	5.15	67.41	PK	34.5	0	-38.49	63.42	-	-	74	-10.58	95	250	H
3	5.15	50.41	RMS	34.5	.81	-38.49	47.57	54	-6.43	-	-	95	250	H

PK - Peak detector
 RMS - RMS detection

VERTICAL RESULT



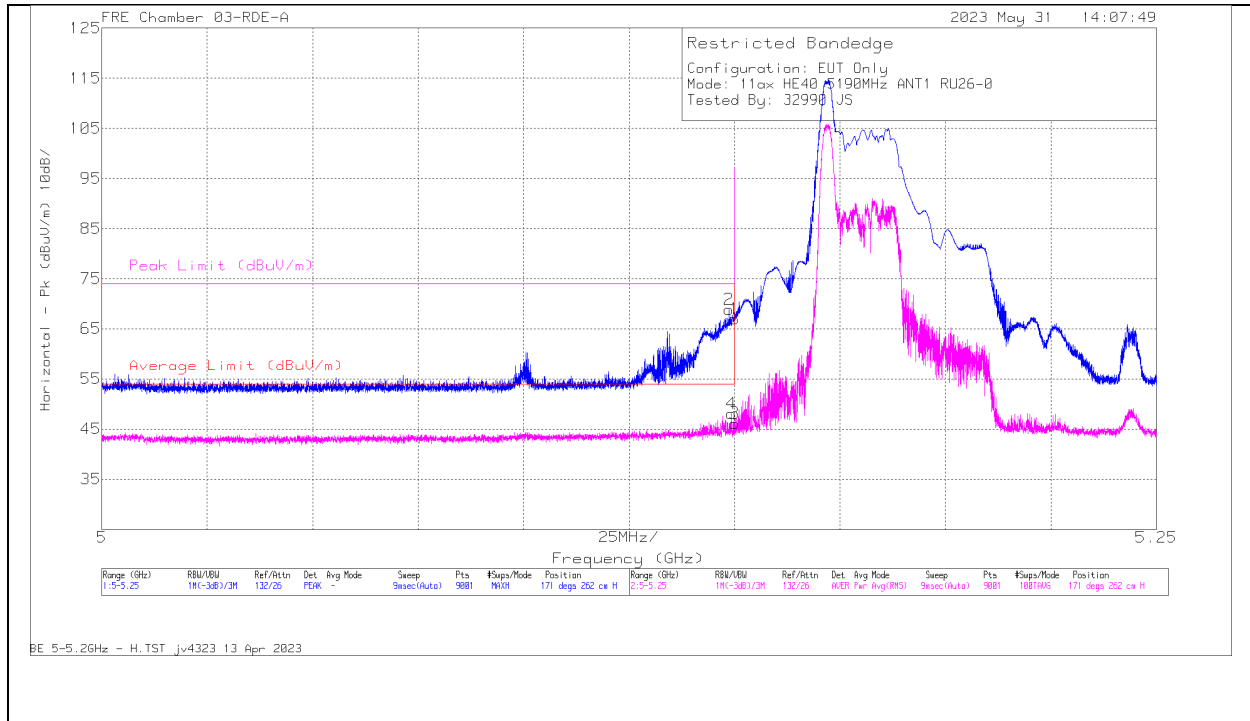
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	80402 ACF(dB) - 3mH	DCCF (dB)	Gain/Loss (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
4	5.14914	53.73	RMS	34.5	.81	-38.52	50.52	54	-3.48	-	-	231	151	V
2	5.14964	71.4	Pk	34.5	0	-38.5	67.4	-	-	74	-6.6	231	151	V
1	5.15	71.35	Pk	34.5	0	-38.49	67.36	-	-	74	-6.64	231	151	V
3	5.15	50.71	RMS	34.5	.81	-38.49	47.87	54	-6.13	-	-	231	151	V

Pk - Peak detector
RMS - RMS detection

1TX Antenna 5 MODE: 26-Tones, RU Index 0

BANDEDGE (LOW CHANNEL)

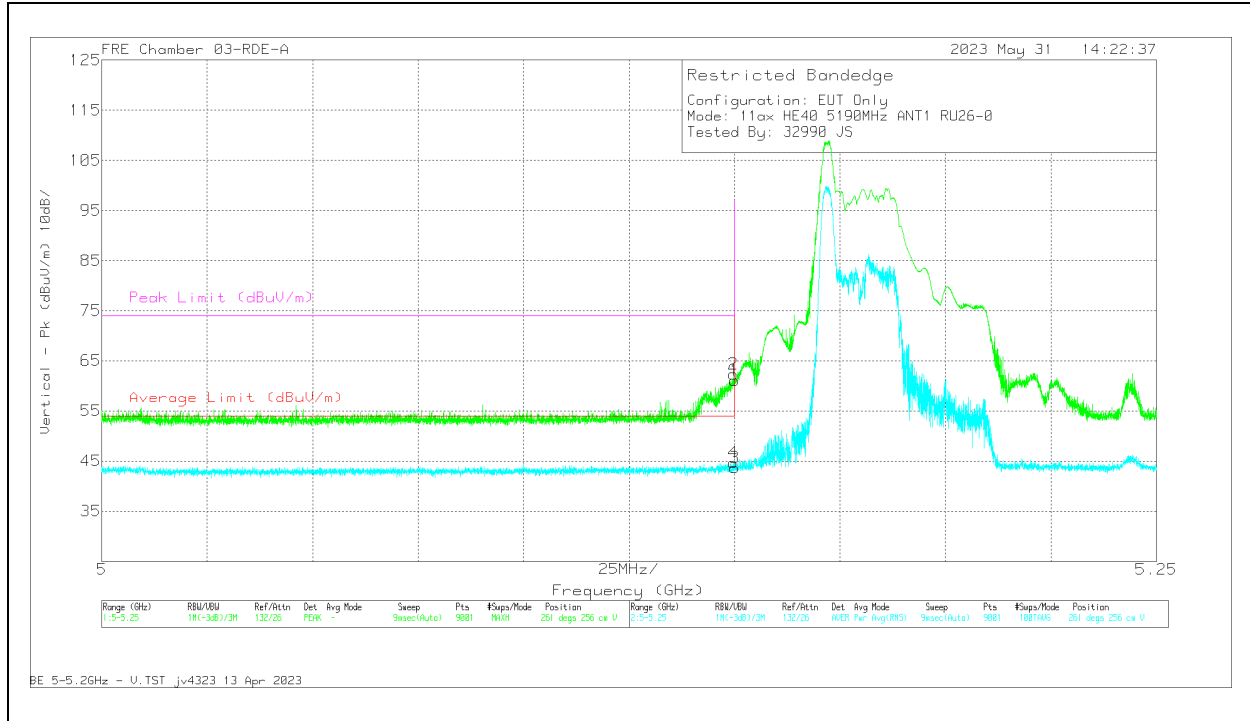
HORIZONTAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	23029 9 ACF (dB/m)	DCCF (dB)	Gain/Loss (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	71.13	Pk	34.6	0	-38.69	67.04	-	-	74	-6.96	171	262	H
2	* 5.14864	72.98	Pk	34.6	0	-38.73	68.85	-	-	74	-5.15	171	262	H
3	* 5.15	49.79	RMS	34.6	.45	-38.69	46.15	54	-7.85	-	-	171	262	H
4	* 5.149307	51.8	RMS	34.6	.45	-38.71	48.14	54	-5.86	-	-	171	262	H

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

VERTICAL RESULT



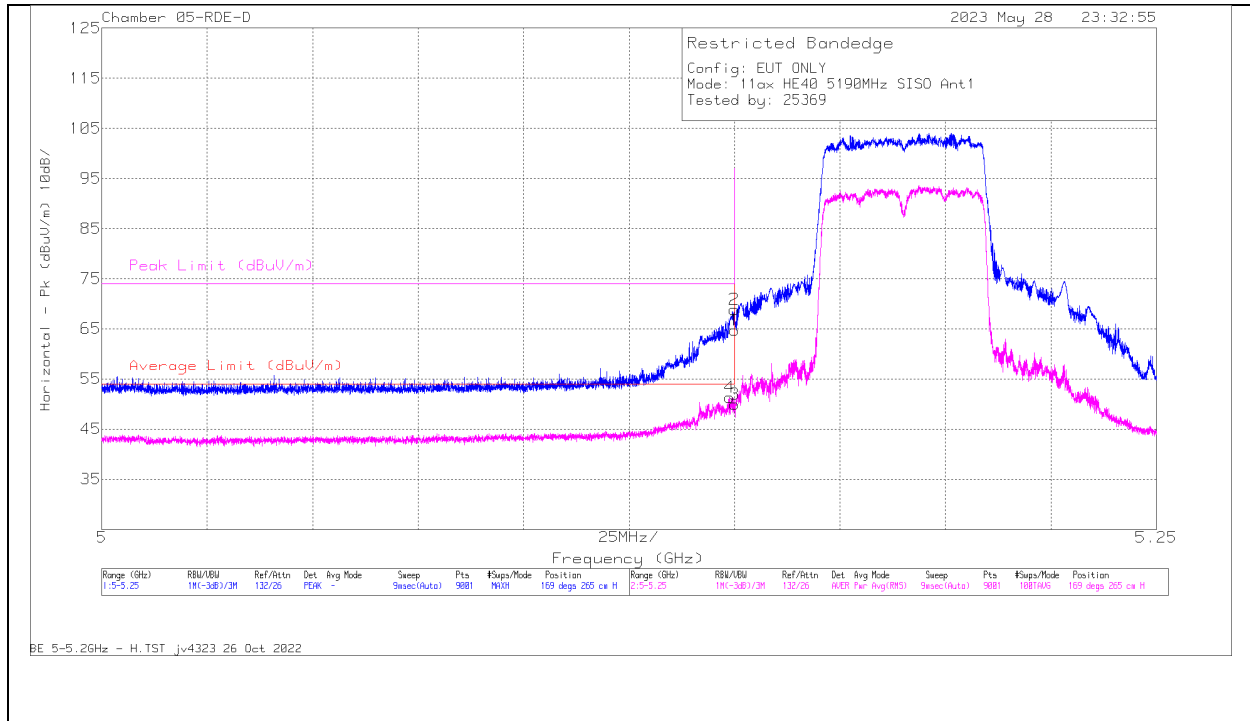
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	23029 9 ACF (dB/m)	DCCF (dB)	Gain/Loss (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 5.15	65.23	Pk	34.6	0	-38.69	61.14	-	-	74	-12.86	261	256	V
2	* 5.149668	66.51	Pk	34.6	0	-38.7	62.41	-	-	74	-11.59	261	256	V
3	* 5.15	47.33	RMS	34.6	.45	-38.69	43.69	54	-10.31	-	-	261	256	V
4	* 5.149779	48.4	RMS	34.6	.45	-38.7	44.75	54	-9.25	-	-	261	256	V

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

1TX Antenna 5 MODE: SU, Single User

BANDEDGE (LOW CHANNEL)

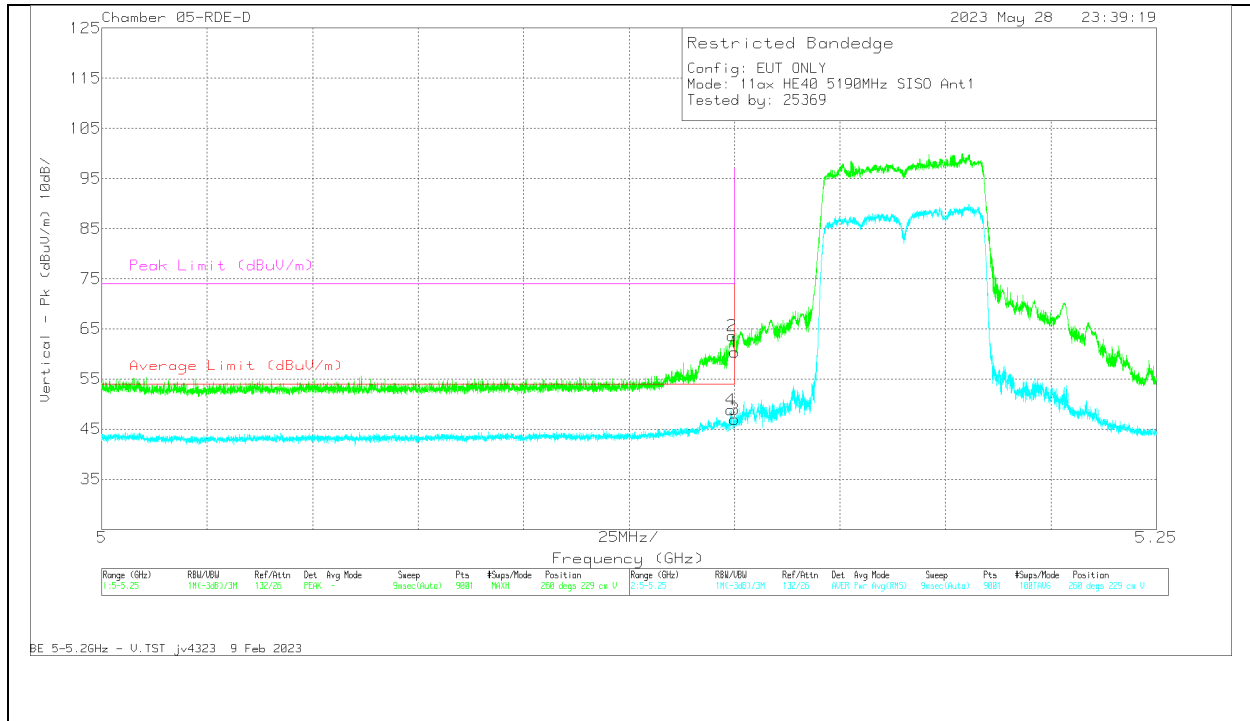
HORIZONTAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	80402 ACF(dB) - 3mH	DCCF (dB)	Gain/Loss (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
4	5.148862	54.56	RMS	34.5	.81	-38.54	51.33	54	-2.67	-	-	169	265	H
2	5.149946	72.81	Pk	34.5	0	-38.49	68.82	-	-	74	-5.18	169	265	H
1	5.15	68.72	Pk	34.5	0	-38.49	64.73	-	-	74	-9.27	169	265	H
3	5.15	53.13	RMS	34.5	.81	-38.49	49.95	54	-4.05	-	-	169	265	H

Pk - Peak detector
RMS - RMS detection

VERTICAL RESULT



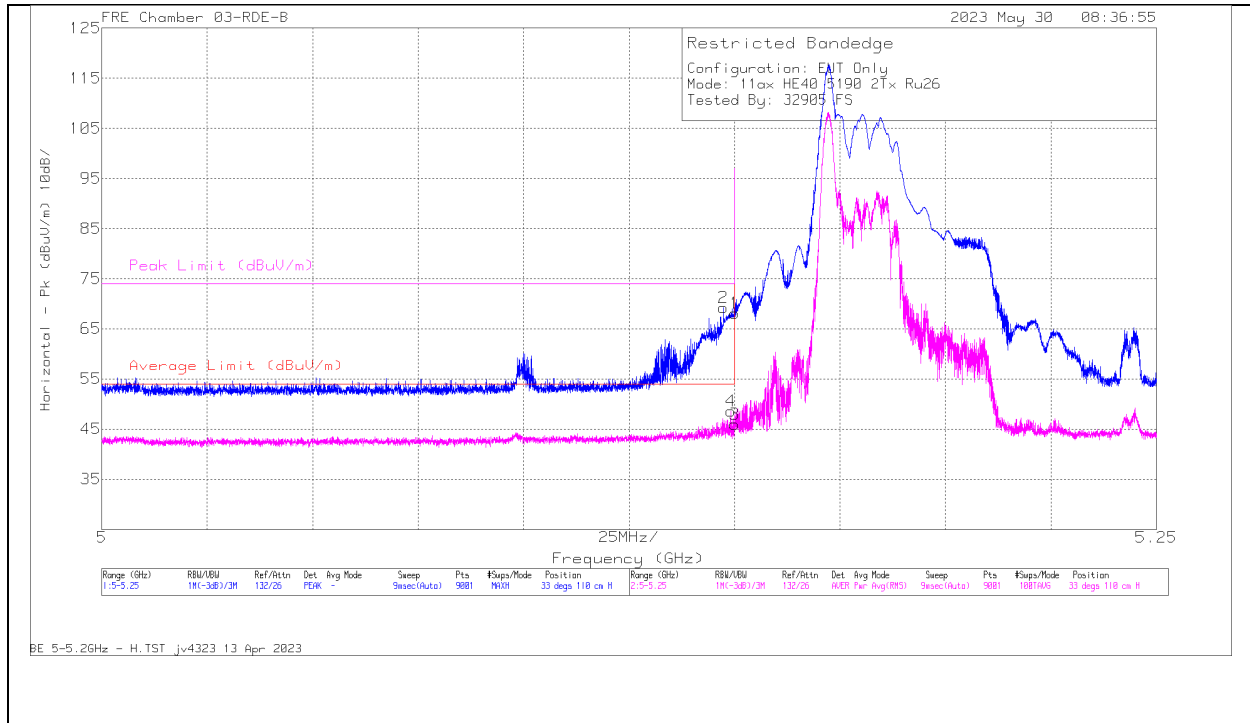
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	80402 ACF(dB) - 3mH	DCCF (dB)	Gain/Loss (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
4	5.149057	52	RMS	34.5	.81	-38.52	48.79	54	-5.21	-	-	260	229	V
2	5.149362	67.6	PK	34.5	0	-38.51	63.59	-	-	74	-10.41	260	229	V
1	5.15	64.4	PK	34.5	0	-38.49	60.41	-	-	74	-13.59	260	229	V
3	5.15	50.14	RMS	34.5	.81	-38.49	46.96	54	-7.04	-	-	260	229	V

Pk - Peak detector
RMS - RMS detection

2TX Antenna 6 + Antenna 5 OFDMA MODE: 26-Tones, RU Index 0

BANDEDGE (LOW CHANNEL)

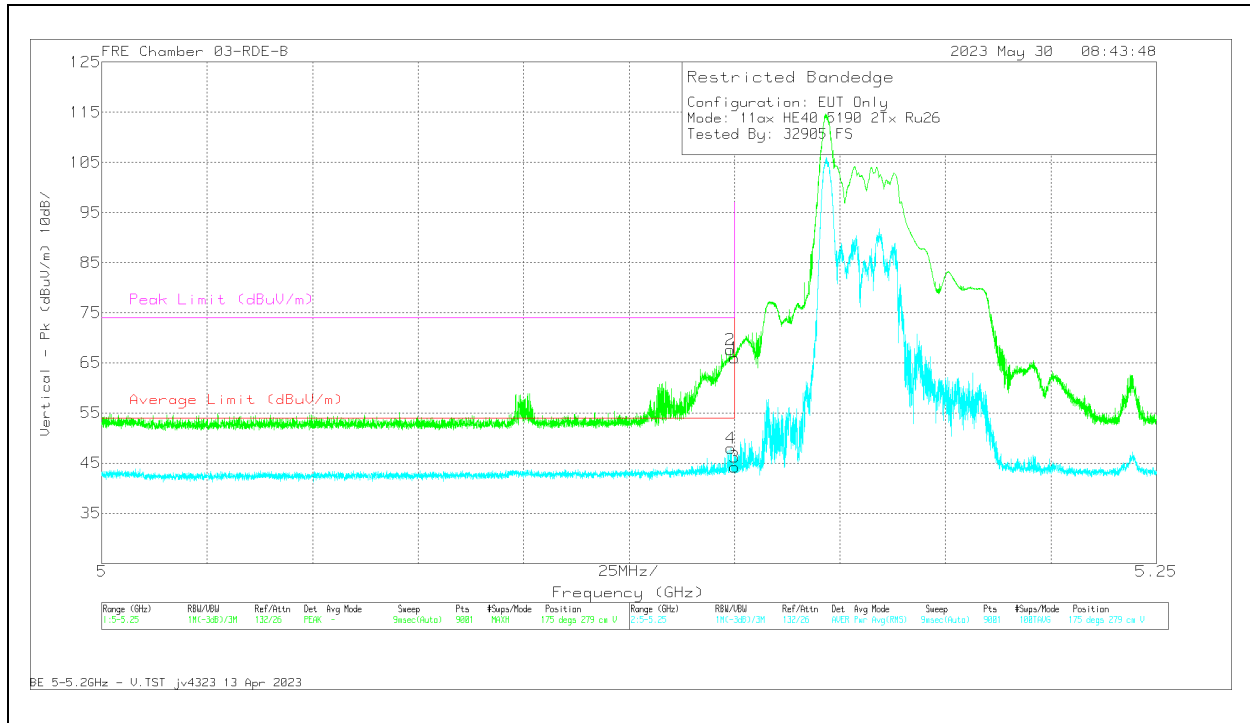
HORIZONTAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	23030 ACF (dB/m)	DCCF (dB)	Gain/Loss (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarization
1	* 5.15	73.7	PK	34.3	0	-39.9	68.1	-	-	74	-5.9	33	110	H
2	* 5.147362	74.81	PK	34.3	0	-39.9	69.21	-	-	74	-4.79	33	110	H
3	* 5.15	51.11	RMS	34.3	.45	-39.9	45.95	54	-8.05	-	-	33	110	H
4	* 5.149196	53.75	RMS	34.3	.45	-39.9	48.60	54	-5.40	-	-	33	110	H

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

VERTICAL RESULT

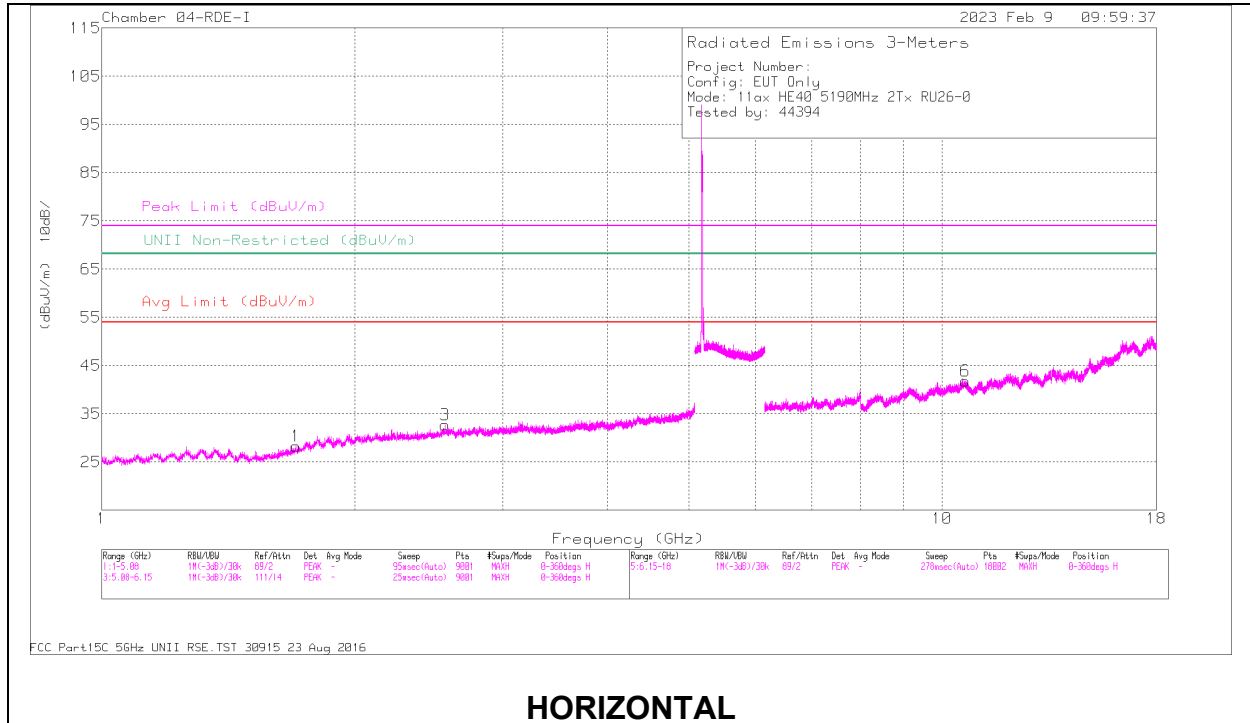


Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	230300 ACF (dB/m)	DCCF (dB)	Gain/Loss (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 5.15	71.58	Pk	34.3	0	-39.9	65.98	-	-	74	-8.02	175	279	V
2	* 5.148946	73.19	Pk	34.3	0	-39.9	67.59	-	-	74	-6.41	175	279	V
3	* 5.15	49.31	RMS	34.3	.45	-39.9	44.16	54	-9.84	-	-	175	279	V
4	* 5.149196	53.14	RMS	34.3	.45	-39.9	47.99	54	-6.01	-	-	175	279	V

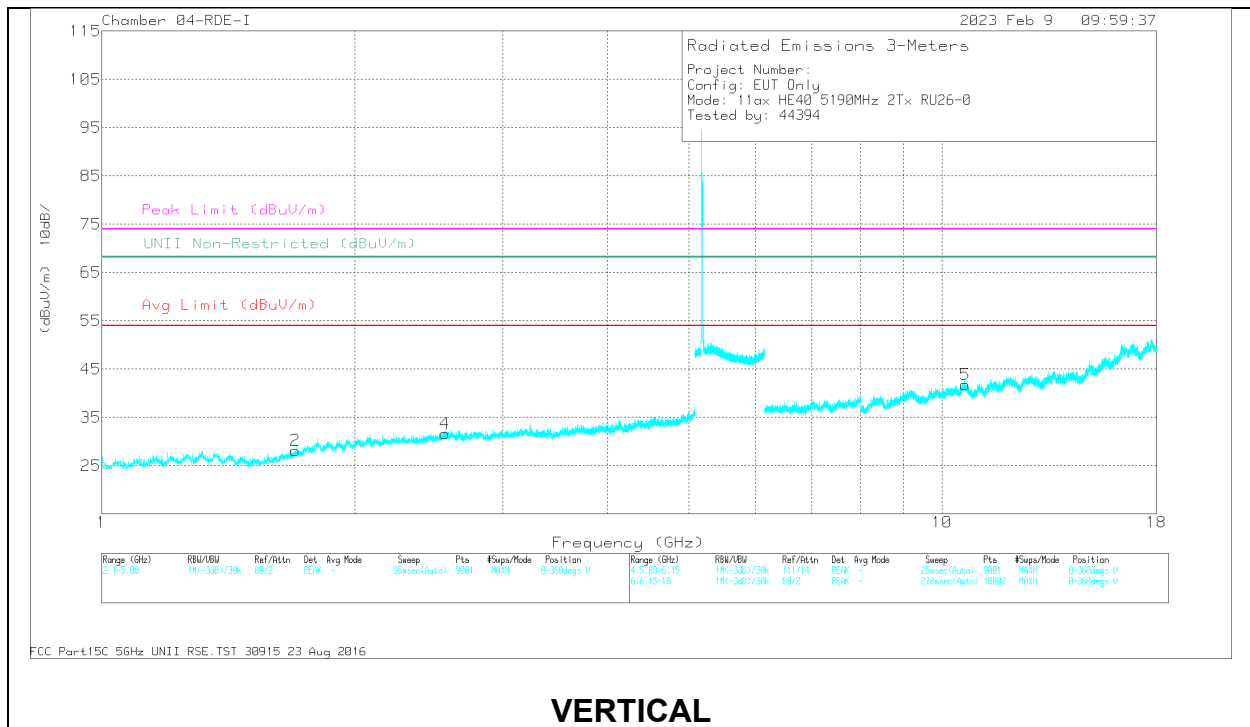
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band
 PK - Peak detector
 RMS - RMS detection

1.2.11. 5.2GHz, 11ax HE40 RU26 2TX HARMONICS AND SPURIOUS EMISSIONS

LOW CHANNEL RESULTS



HORIZONTAL



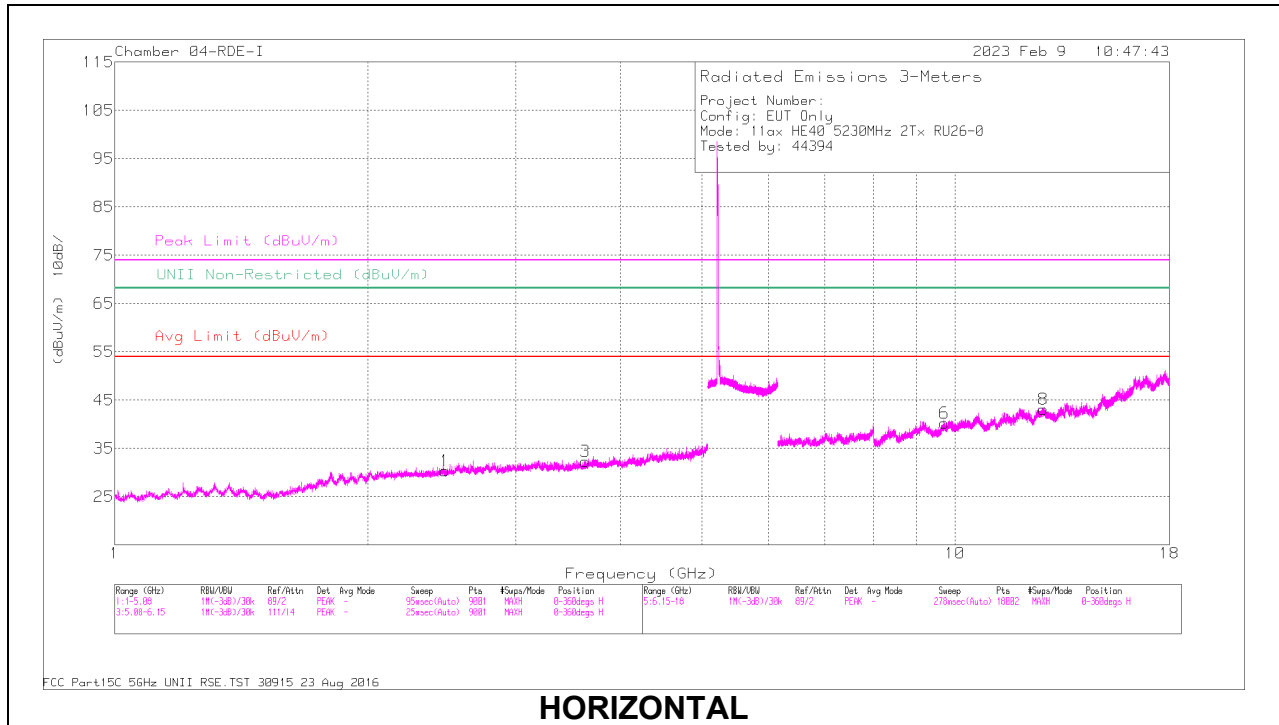
VERTICAL

RADIATED EMISSIONS

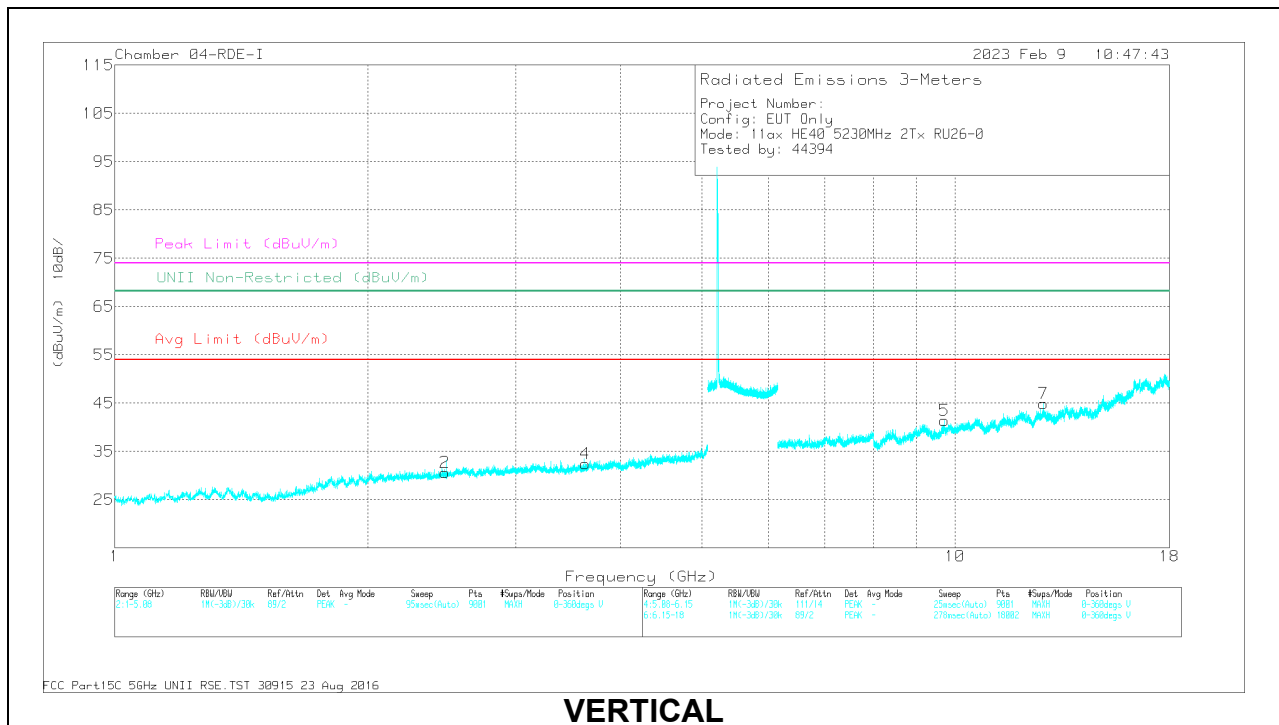
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	84797 ACF (dB) - 3mH	Amp/Cbl /Filtr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 1.703975	41.75	PK-U	29.3	-32.6	38.45	-	-	74	-35.55	-	-	51	111	H
	* 1.704125	29.37	ADR	29.3	-32.6	26.07	54	-27.93	-	-	-	-	51	111	H
3	2.565318	40.21	PK-U	32.3	-30.8	41.71	-	-	-	-	68.2	-26.49	198	151	H
2	* 1.702569	41.08	PK-U	29.3	-32.6	37.78	-	-	74	-36.22	-	-	145	304	V
	* 1.703844	29.29	ADR	29.3	-32.6	25.99	54	-28.01	-	-	-	-	145	304	V
4	2.5615	40.19	PK-U	32.3	-30.9	41.59	-	-	-	-	68.2	-26.61	269	211	V
6	* 10.655046	31.79	PK-U	37.6	-18.4	50.99	-	-	74	-23.01	-	-	18	310	H
	* 10.65568	20.31	ADR	37.6	-18.4	39.51	54	-14.49	-	-	-	-	18	310	H
5	* 10.658914	32.04	PK-U	37.6	-18.5	51.14	-	-	74	-22.86	-	-	321	342	V
	* 10.659715	20.23	ADR	37.6	-18.5	39.33	54	-14.67	-	-	-	-	321	342	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	84797 ACF (dB) - 3mH	Amp/Cb I/Ftr (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	2.468747	40.38	PK-U	32	-31.1	41.28	-	-	-	-	68.2	-26.92	64	150	H
3	* 3.63087	38.28	PK-U	33.1	-29.9	41.48	-	-	74	-32.52	-	-	340	220	H
	* 3.62747	26.97	ADR	33.1	-30	30.07	54	-23.93	-	-	-	-	340	220	H
2	2.46887	39.32	PK-U	32	-31.1	40.22	-	-	-	-	68.2	-27.98	9	176	V
4	* 3.627914	38.61	PK-U	33.1	-30	41.71	-	-	74	-32.29	-	-	348	163	V
	* 3.629765	26.99	ADR	33.1	-30	30.09	54	-23.91	-	-	-	-	348	163	V
6	9.707369	31.11	PK-U	36.7	-18.4	49.41	-	-	-	-	68.2	-18.79	163	185	H
8	12.742583	32.11	PK-U	39.1	-18.1	53.11	-	-	-	-	68.2	-15.09	289	396	H
5	9.713362	23.1	PK-U	36.7	-18.4	41.4	-	-	-	-	68.2	-26.8	0-360	200	V
7	12.744819	24.04	PK-U	39.1	-18.2	44.94	-	-	-	-	68.2	-23.26	0-360	101	V

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

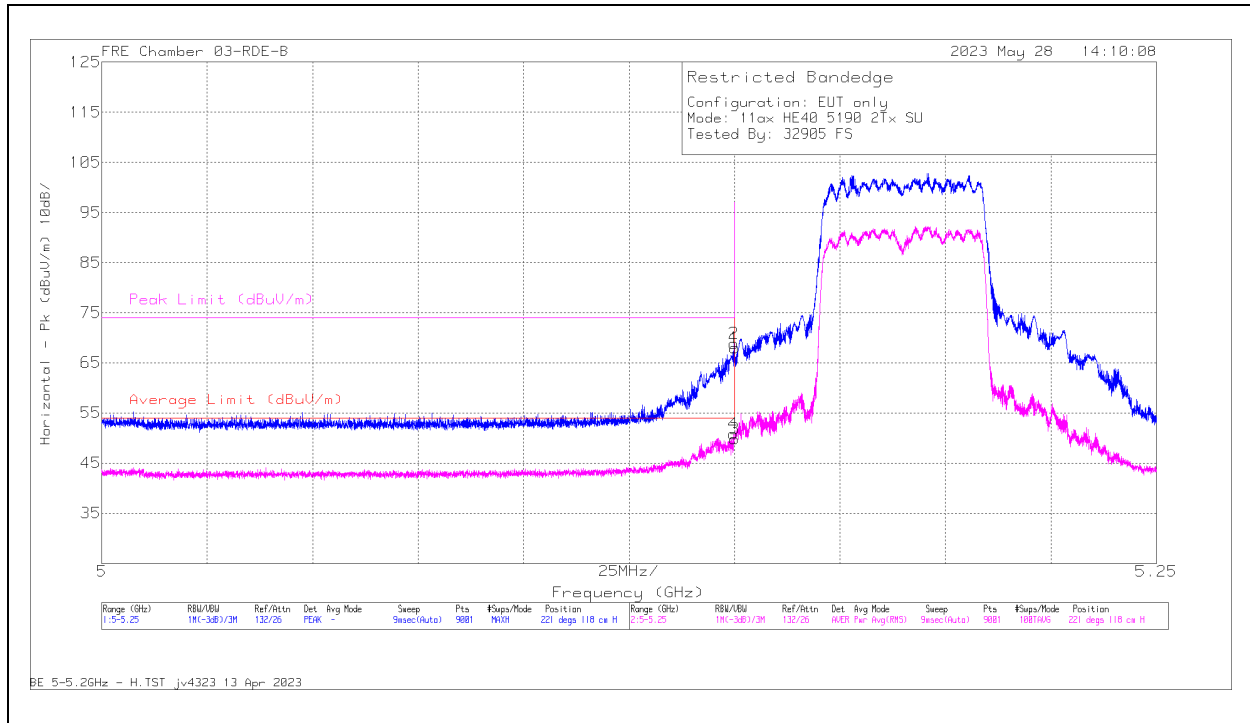
PK-U - U-NII: Maximum Peak

ADR - U-NII AD primary method, RMS average

2TX Antenna 6 + Antenna 5 OFDMA MODE: SU, Single User

BANDEDGE (LOW CHANNEL)

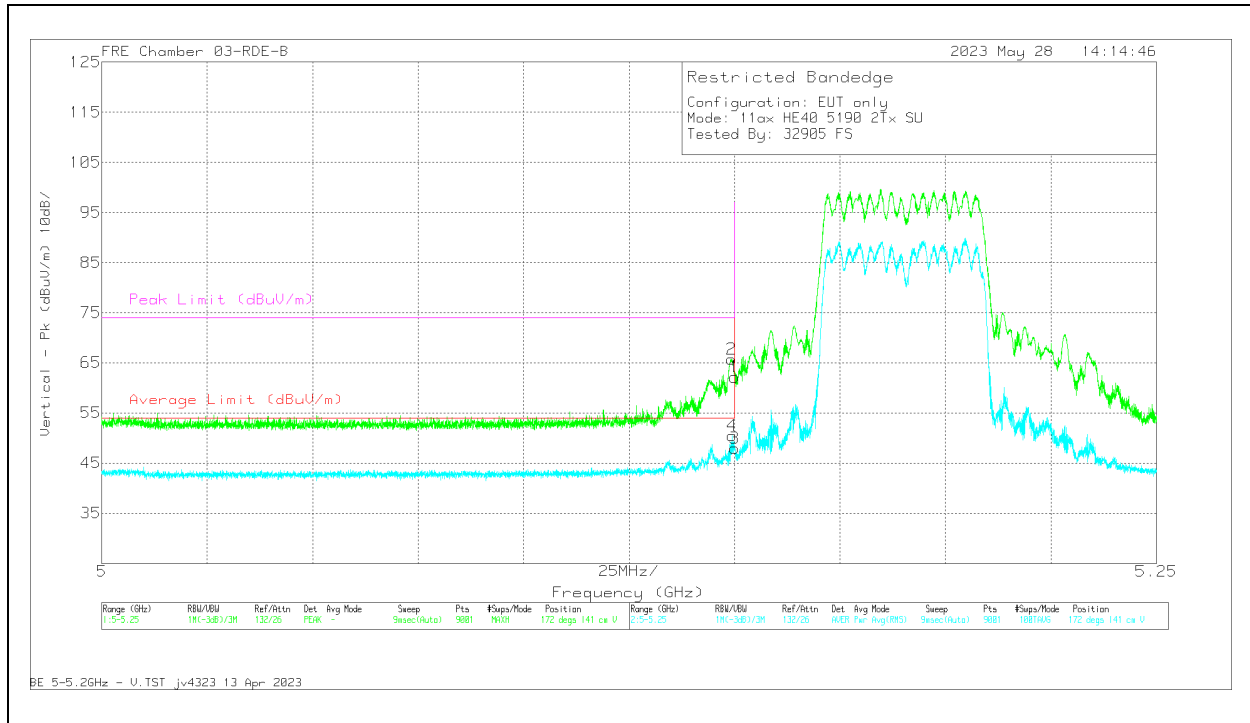
HORIZONTAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	23030 0 ACF (dB/m)	DCCF (dB)	Gain/Loss (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarit y
1	* 5.15	73.56	Pk	34.3	0	-39.9	67.96	-	-	74	-6.04	221	118	H
2	* 5.149862	74.49	Pk	34.3	0	-39.9	68.89	-	-	74	-5.11	221	118	H
3	* 5.15	54.63	RMS	34.3	.81	-39.9	49.84	54	-4.16	-	-	221	118	H
4	* 5.149779	55.66	RMS	34.3	.81	-39.9	50.87	54	-3.13	-	-	221	118	H

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

VERTICAL RESULT

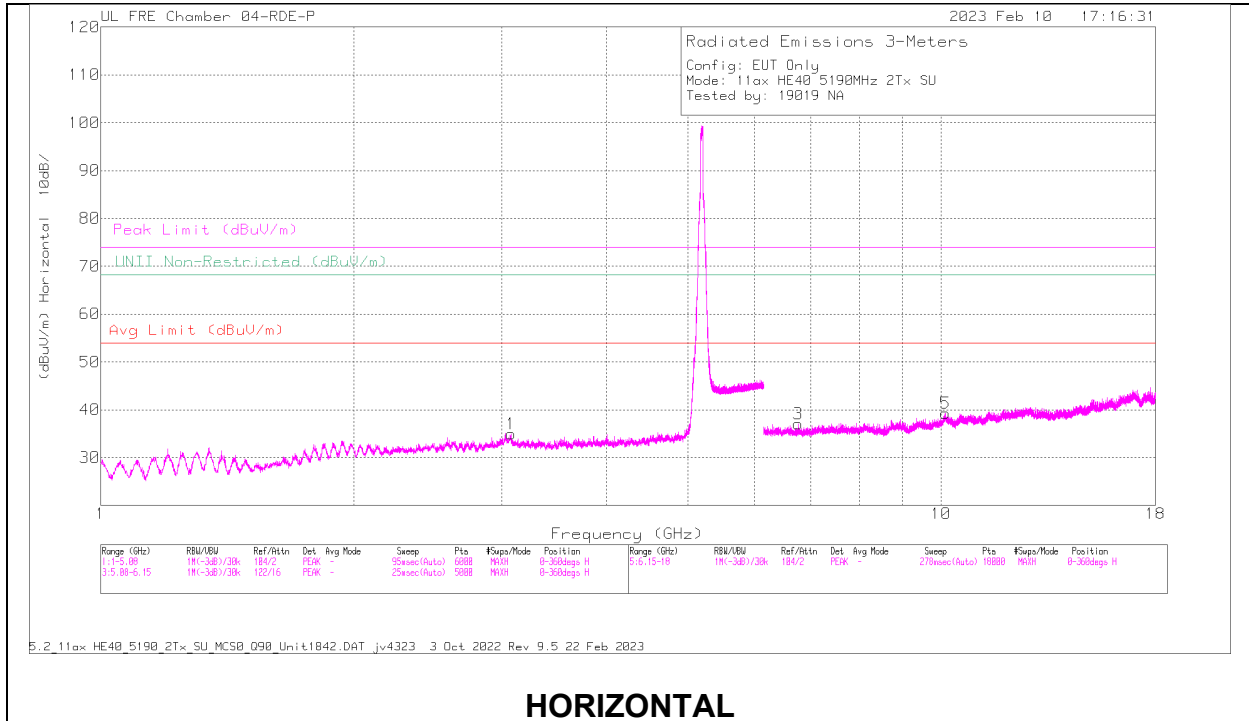


Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	230300 ACF (dB/m)	DCCF (dB)	Gain/Loss (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 5.15	67.77	Pk	34.3	0	-39.9	62.17	-	-	74	-11.83	172	141	V
2	* 5.149279	71.3	PK	34.3	0	-39.9	65.7	-	-	74	-8.3	172	141	V
3	* 5.15	52.79	RMS	34.3	.81	-39.9	48.00	54	-6.00	-	-	172	141	V
4	* 5.149362	55.34	RMS	34.3	.81	-39.9	50.55	54	-3.45	-	-	172	141	V

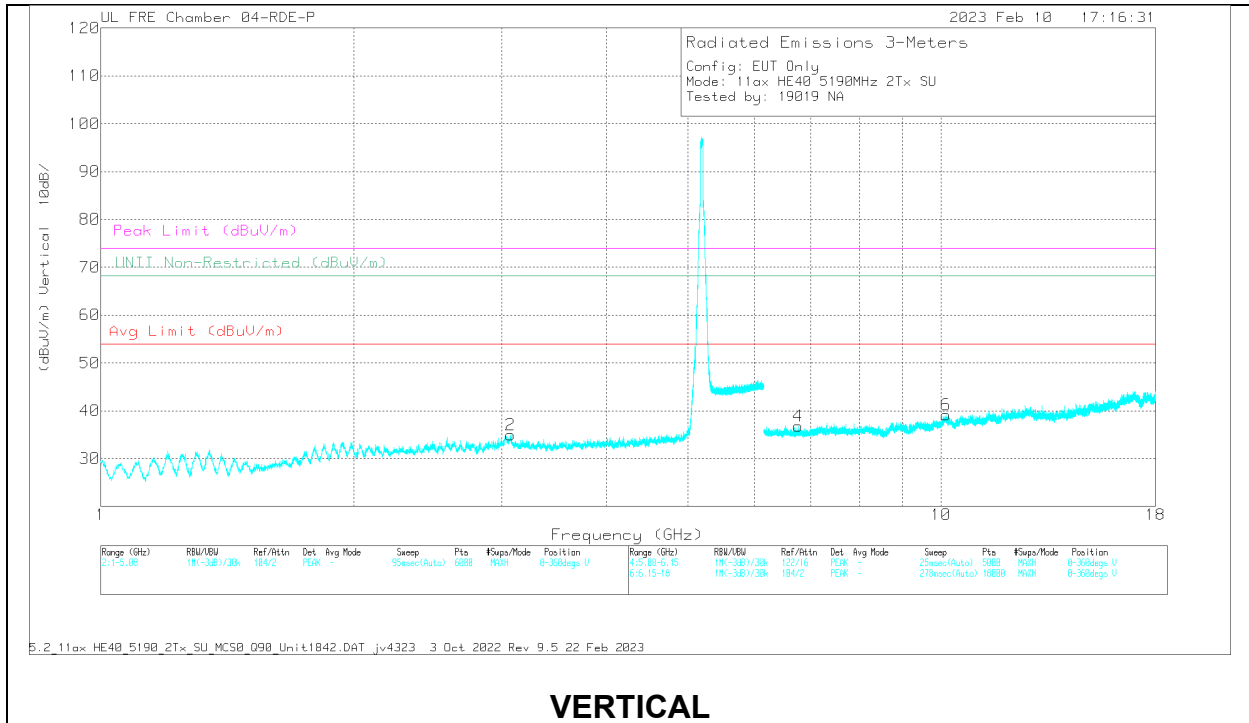
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band
 Pk - Peak detector
 RMS - RMS detection

1.2.12. 5.2GHz, 11ax HE20 SU 2TX HARMONICS AND SPURIOUS EMISSIONS

LOW CHANNEL RESULTS



HORIZONTAL



VERTICAL

RADIATED EMISSIONS

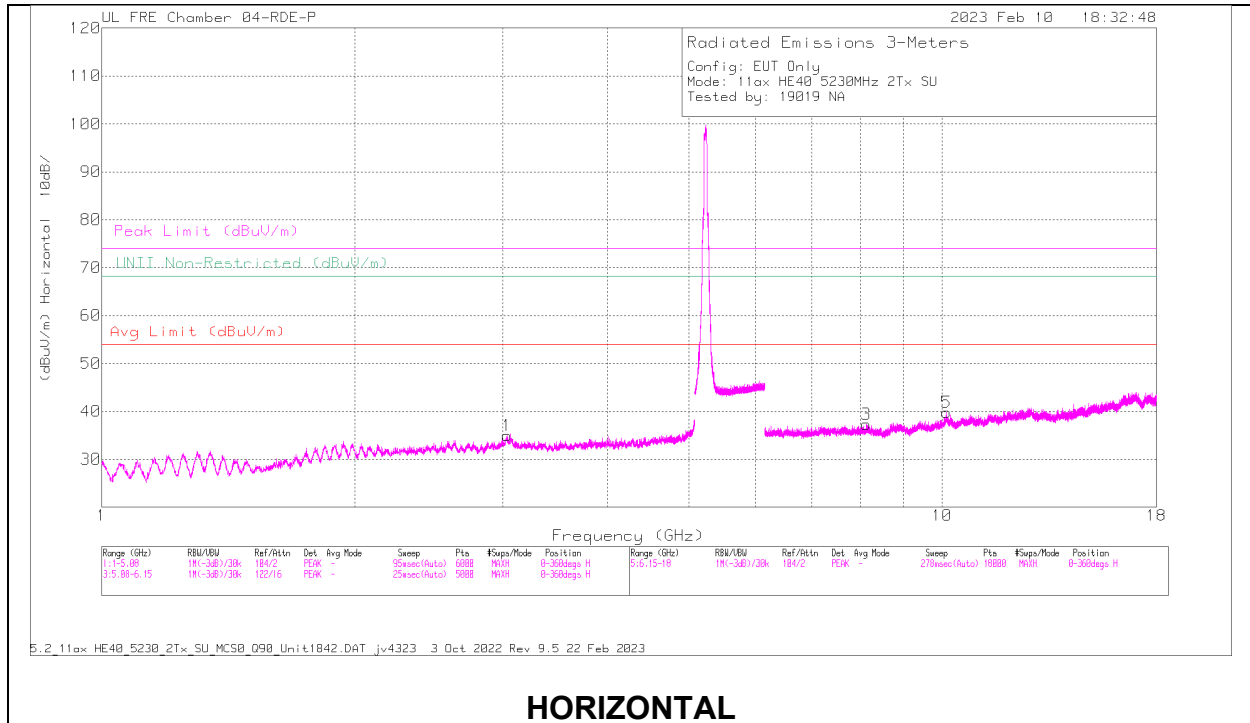
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	222740 ACF(dB) - 3mH	Gain/Loss (dB)	Corrected Reading (dBuV/m)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	3.075207	58.37	PK-U	33.5	-47.02	44.85	68.2	-23.35	12	119	H
2	3.077307	58.33	PK-U	33.6	-47.03	44.9	68.2	-23.3	67	194	V
4	6.756573	54.64	PK-U	35.5	-44.5	45.64	68.2	-22.56	333	141	V
3	6.758968	53.18	PK-U	35.5	-44.47	44.21	68.2	-23.99	111	100	H
5	10.126743	58.12	PK-U	37.2	-46.26	49.06	68.2	-19.14	293	288	H
6	10.134241	57.84	PK-U	37.2	-46.26	48.78	68.2	-19.42	73	375	V

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

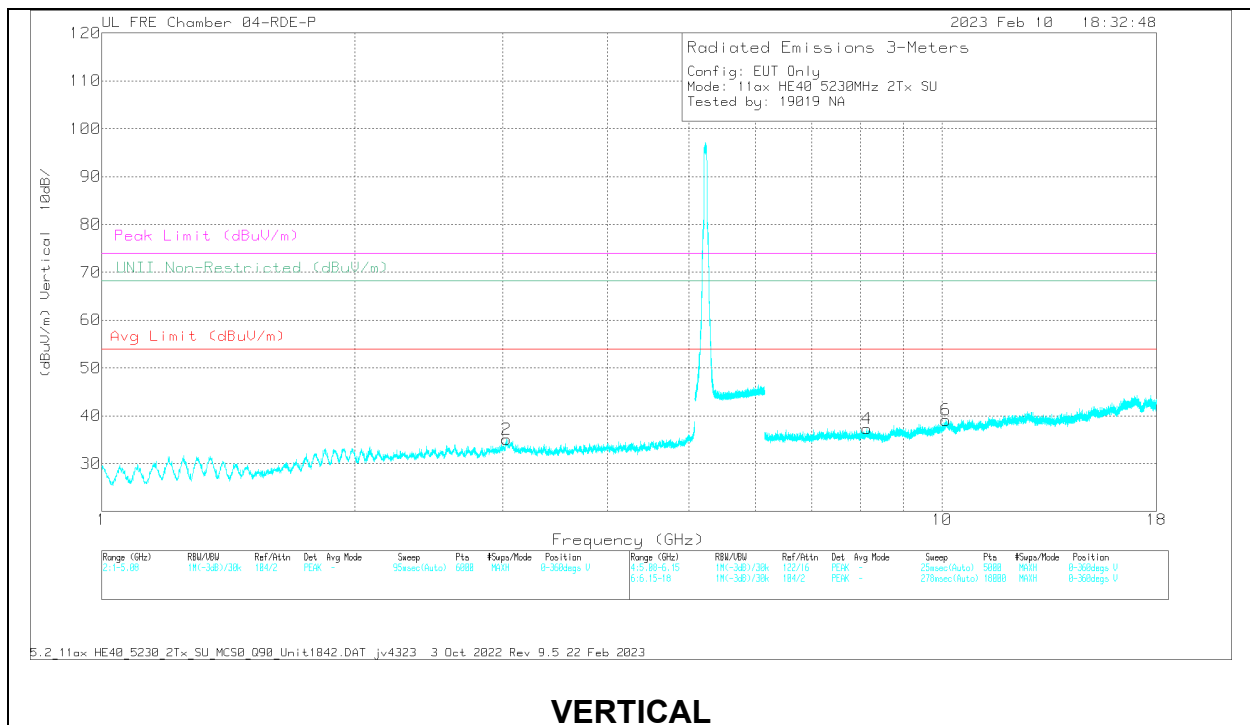
PK-U - U-NII: Maximum Peak

ADR - U-NII AD primary method, RMS average

HIGH CHANNEL RESULTS



HORIZONTAL



VERTICAL

RADIATED EMISSIONS

	Frequency (GHz)	Meter Reading (dBuV)	Det	222740 ACF(dB) - 3mH	Gain/Loss (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	3.03523	59.53	PK-U	33.4	-47.68	45.25	-	-	-	-	68.2	-22.95	48	171	V
1	3.037456	58.89	PK-U	33.4	-47.63	44.46	-	-	-	-	68.2	-23.74	90	156	H
3	8.12706	52.26	PK-U	35.7	-44.84	43.12	-	-	74	-30.88	-	-	92	133	H
	8.12706	42.88	ADR	35.7	-44.84	33.74	54	-20.26	-	-	-	-	92	133	H
4	8.14342	44.21	ADR	35.7	-44.73	35.18	54	-18.82	-	-	-	-	245	349	V
	8.143892	55.54	PK-U	35.7	-44.73	46.51	-	-	74	-27.49	-	-	245	349	V
6	10.103684	58.35	PK-U	37.1	-46.63	48.82	-	-	-	-	68.2	-19.38	245	107	V
5	10.119288	55.37	PK-U	37.2	-46.37	46.2	-	-	-	-	68.2	-22	134	225	H

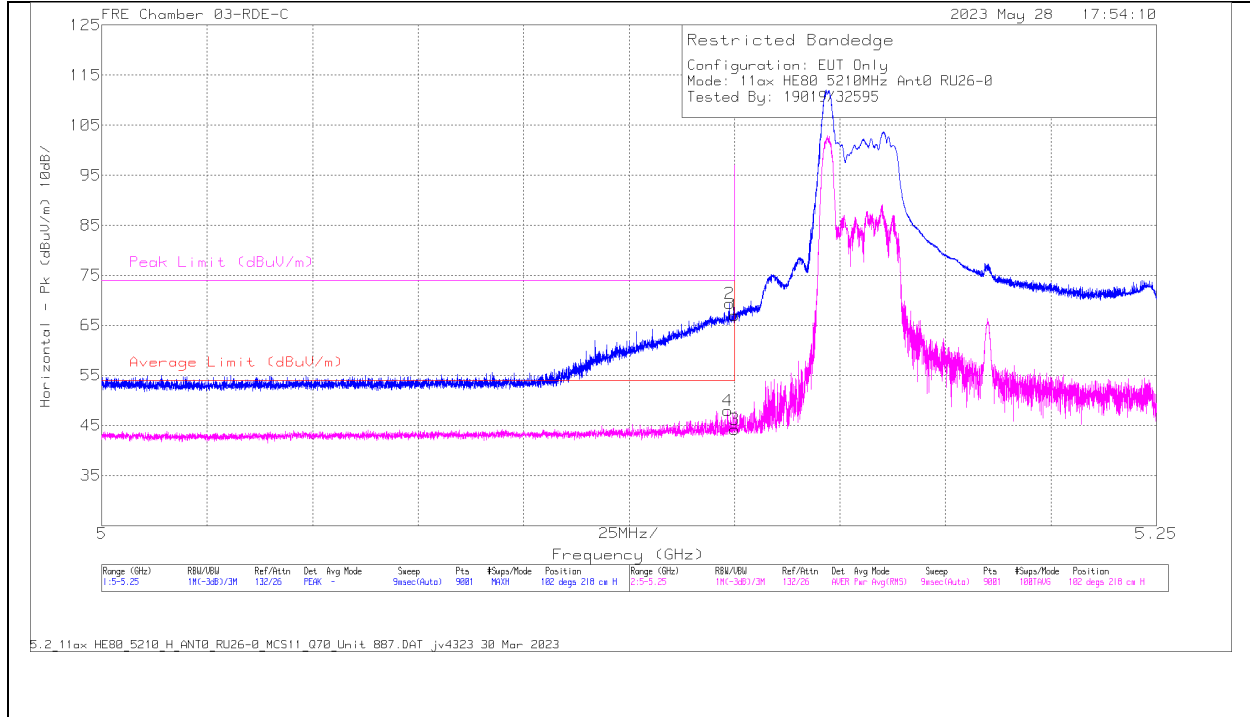
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band
 PK-U - U-NII: Maximum Peak
 ADR - U-NII AD primary method, RMS average

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

1TX Antenna 6 MODE: 26-Tones, RU Index 0

BANDEDGE (MID CHANNEL)

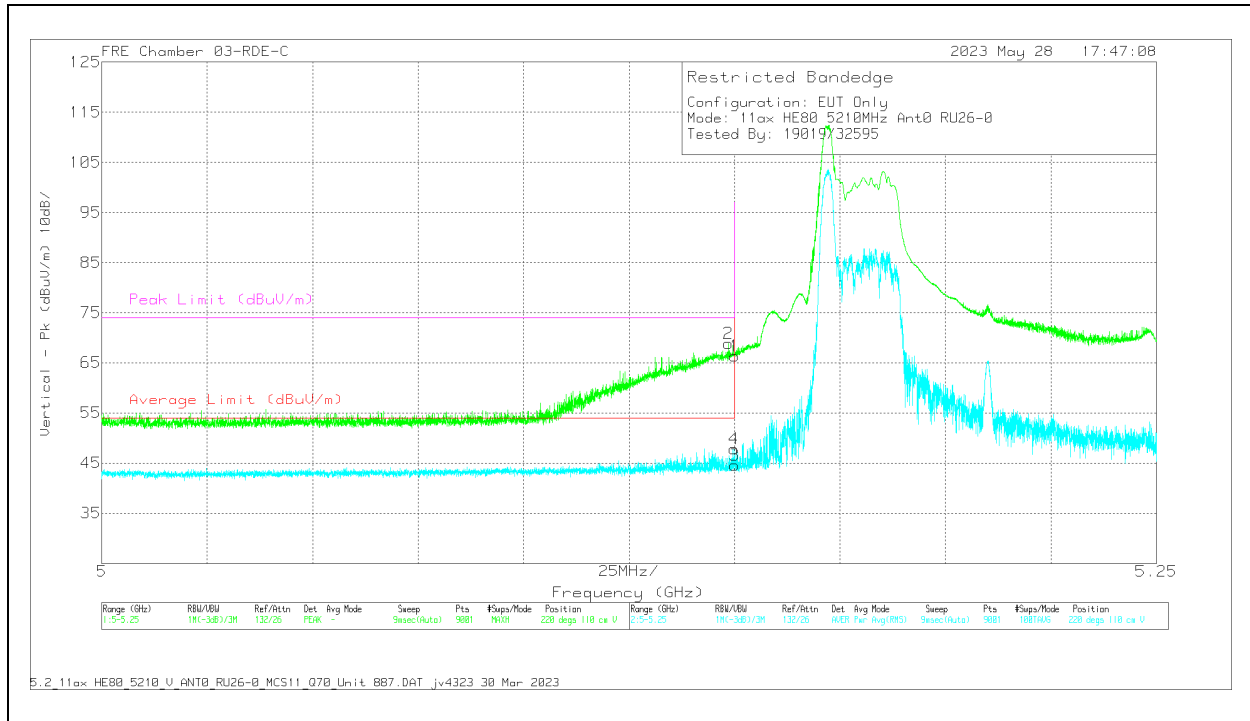
HORIZONTAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	226672 ACF (dB) 3mH	DCCF (dB)	Gain/Loss (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	71.01	Pk	34.4	0	-38.4	67.01	-	-	74	-6.99	102	218	H
2	* 5.148779	73.45	Pk	34.4	0	-38.5	69.35	-	-	74	-4.65	102	218	H
3	* 5.15	47.71	RMS	34.4	1.04	-38.4	44.75	54	-9.25	-	-	102	218	H
4	* 5.148362	51.63	RMS	34.4	1.04	-38.5	48.57	54	-5.43	-	-	102	218	H

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

VERTICAL RESULT



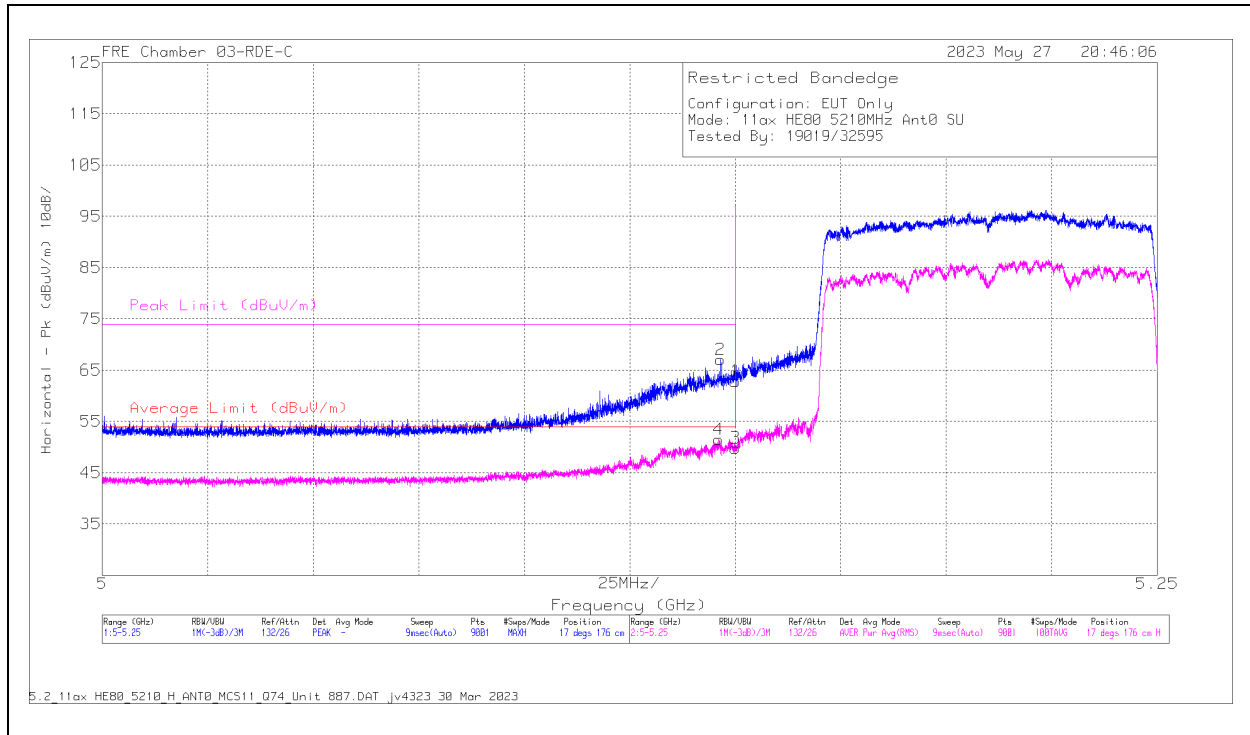
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	226672 ACF (dB) 3mH	DCCF (dB)	Gain/Loss (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 5.15	70.38	Pk	34.4	0	-38.4	66.38	-	-	74	-7.62	220	110	V
2	* 5.148501	72.97	Pk	34.4	0	-38.5	68.87	-	-	74	-5.13	220	110	V
3	* 5.15	48.09	RMS	34.4	1.04	-38.4	44.55	54	-9.45	-	-	220	110	V
4	* 5.149918	51.45	RMS	34.4	1.04	-38.41	48.48	54	-5.52	-	-	220	110	V

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

1TX Antenna 6 MODE: SU, Single User

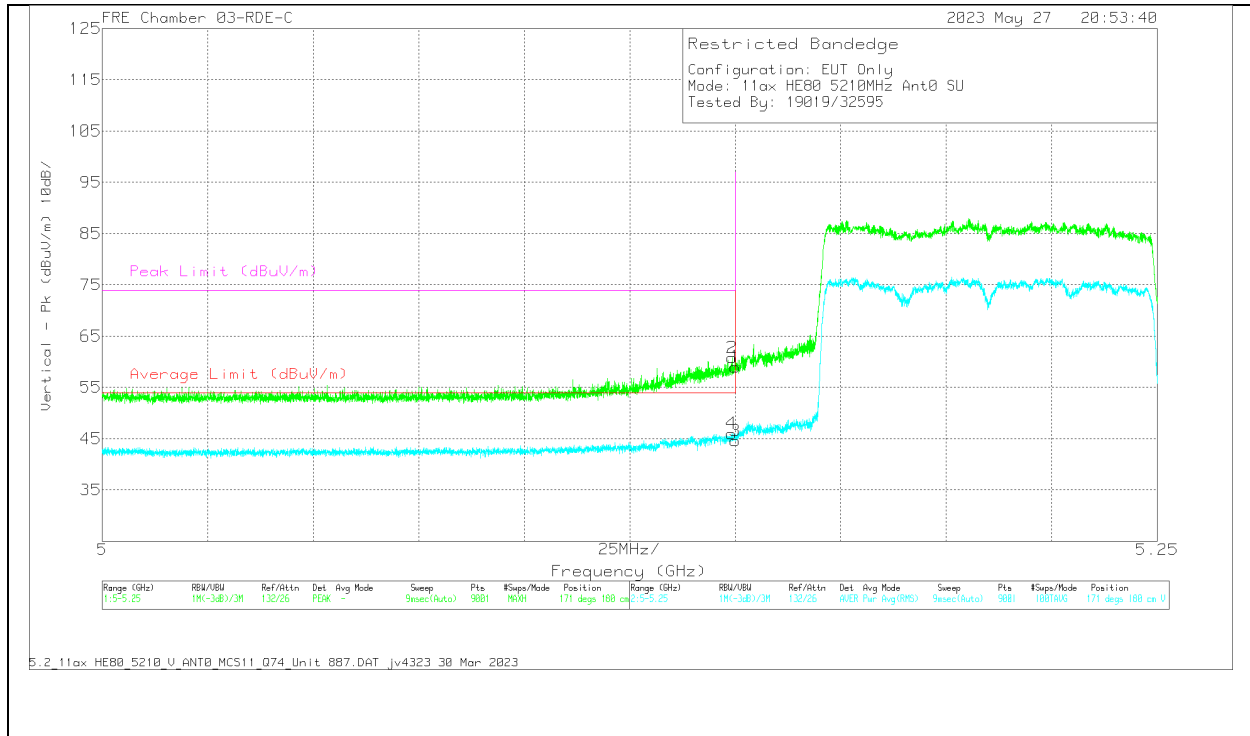
BANDEDGE (MID CHANNEL)

HORIZONTAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	22667 2 ACF (dB) 3mH	DCCF (dB)	Gain/Loss (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	66.85	Pk	34.4	0	-38.4	62.85	-	-	74	-11.15	17	176	H
2	* 5.146446	71.12	Pk	34.4	0	-38.49	67.03	-	-	74	-6.97	17	176	H
3	* 5.15	52.76	RMS	34.4	1.06	-38.4	49.82	54	-4.18	-	-	17	176	H
4	* 5.146085	54.45	RMS	34.4	1.06	-38.42	51.49	54	-2.51	-	-	17	176	H

VERTICAL RESULT



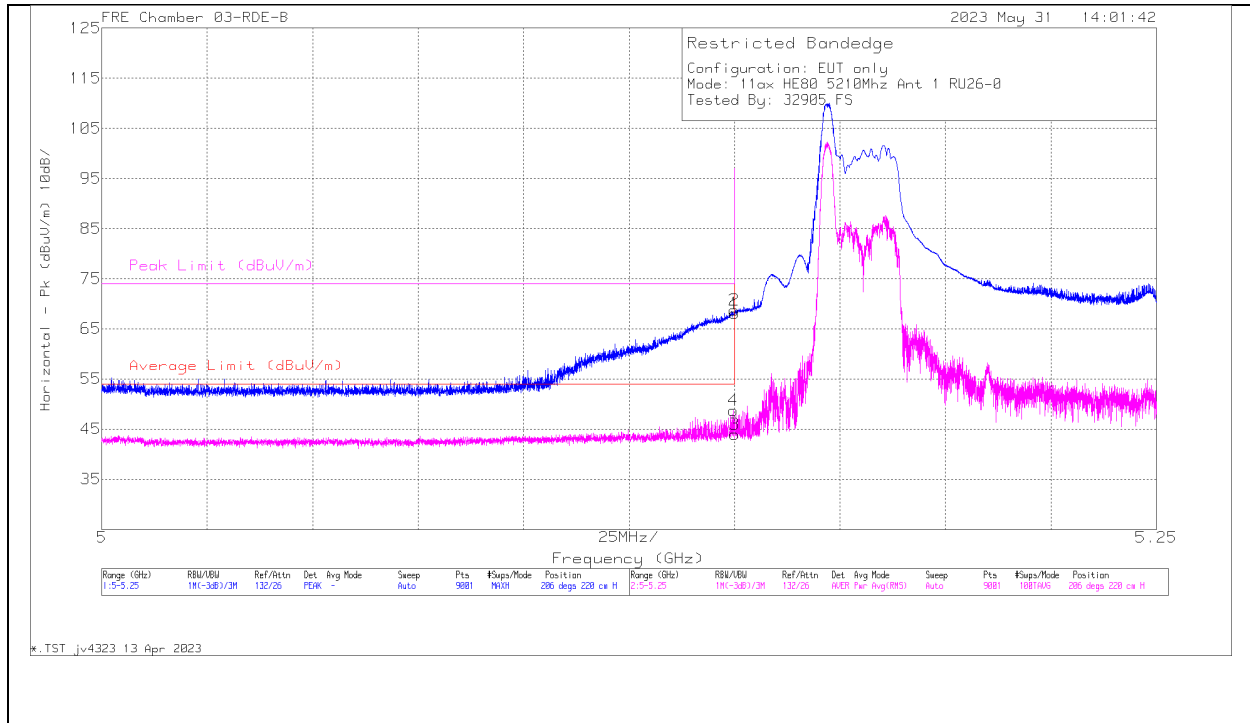
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	226672 ACF (dB) 3mH	DCCF (dB)	Gain/Loss (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 5.15	63	Pk	34.4	0	-38.4	59	-	-	74	-15	171	180	V
2	* 5.149251	64.86	Pk	34.4	0	-38.47	60.79	-	-	74	-13.21	171	180	V
3	* 5.15	48.57	RMS	34.4	1.06	-38.4	45.63	54	-8.37	-	-	171	180	V
4	* 5.149112	50.08	RMS	34.4	1.06	-38.49	47.05	54	-6.95	-	-	171	180	V

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

1TX Antenna 5 MODE: 26-Tones, RU Index 0

BANDEDGE (MID CHANNEL)

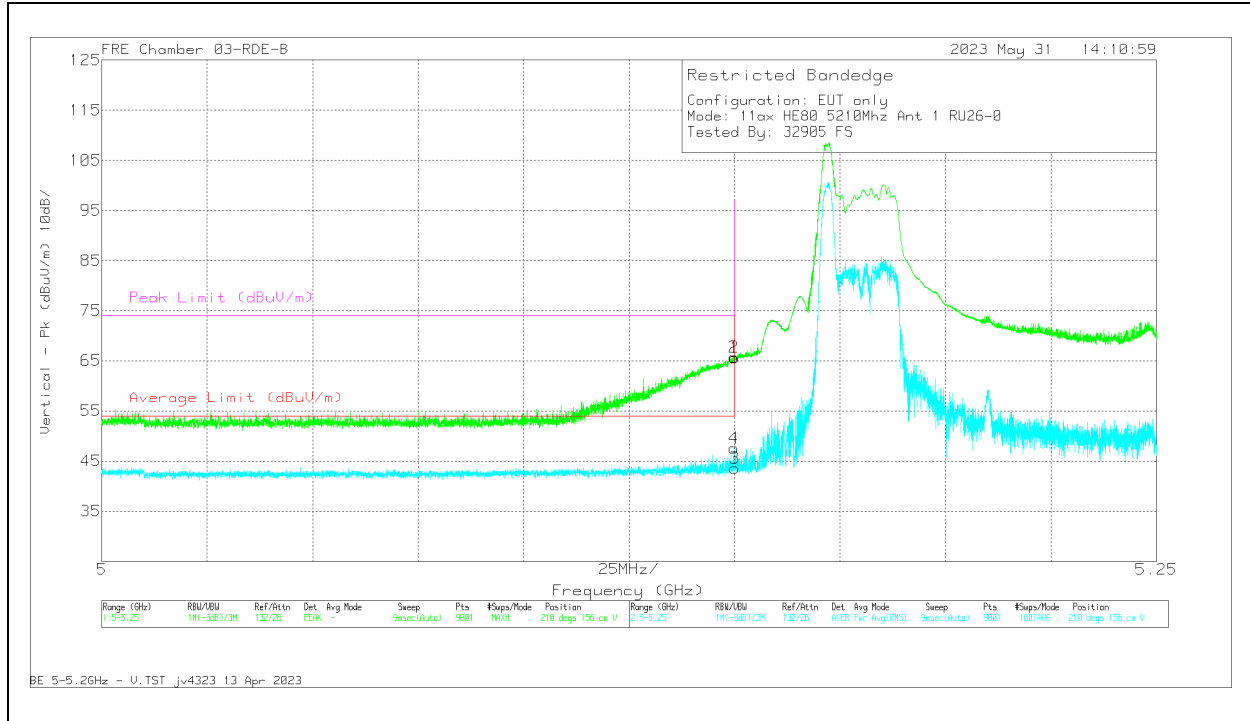
HORIZONTAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	230300 ACF (dB/m)	DCCF (dB)	Gain/Loss (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarit y
1	* 5.15	73.76	Pk	34.3	0	-39.9	68.16	-	-	74	-5.84	206	220	H
2	* 5.149946	74.37	Pk	34.3	0	-39.9	68.77	-	-	74	-5.23	206	220	H
3	* 5.15	49.12	RMS	34.3	1.04	-39.9	44.56	54	-9.46	-	-	206	220	H
4	* 5.149696	53.86	RMS	34.3	1.04	-39.9	49.30	54	-4.7	-	-	206	220	H

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

VERTICAL RESULT



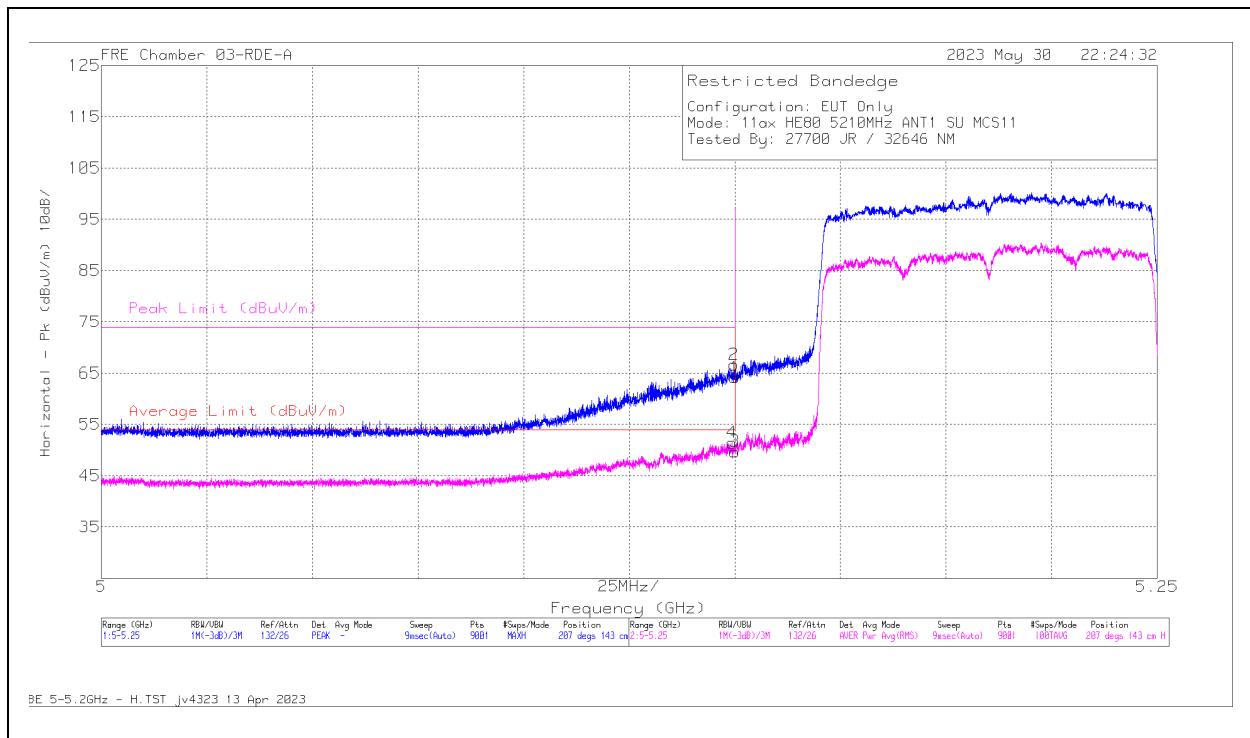
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	230300 ACF (dB/m)	DCCF (dB)	Gain/Loss (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 5.15	71.2	Pk	34.3	0	-39.9	65.6	-	-	74	-8.4	210	156	V
2	* 5.149862	71.36	Pk	34.3	0	-39.9	65.76	-	-	74	-8.24	210	156	V
3	* 5.15	48.69	RMS	34.3	1.04	-39.9	44.13	54	-9.87	-	-	210	156	V
4	* 5.149807	52.7	RMS	34.3	1.04	-39.9	48.14	54	-5.86	-	-	210	156	V

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

1TX Antenna 5 MODE: SU, Single User

BANDEDGE (MID CHANNEL)

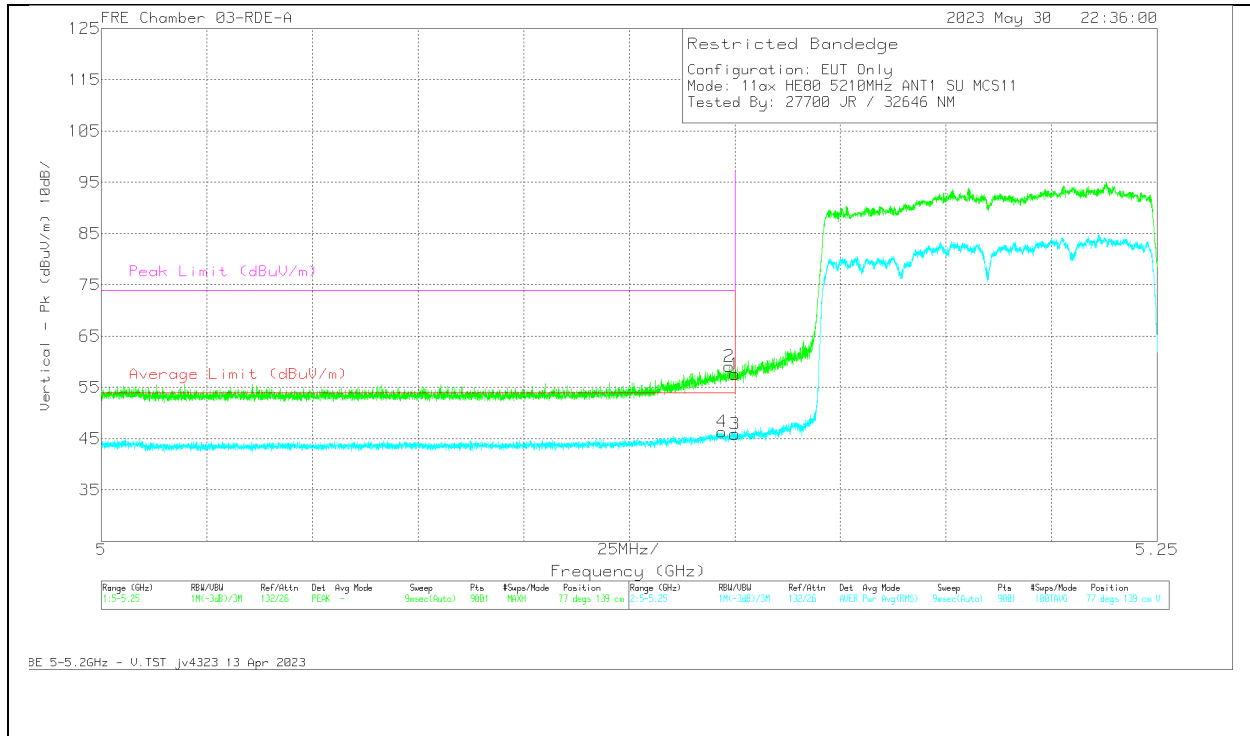
HORIZONTAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	23029 9 ACF (dB/m)	DCCF (dB)	Gain/Loss (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	68.19	PK	34.6	0	-38.69	64.1	-	-	74	-9.9	207	143	H
2	* 5.149751	70.76	PK	34.6	0	-38.7	66.66	-	-	74	-7.34	207	143	H
3	* 5.15	52.69	RMS	34.6	1.06	-38.69	49.66	54	-4.34	-	-	207	143	H
4	* 5.149362	54.44	RMS	34.6	1.06	-38.71	51.39	54	-2.61	-	-	207	143	H

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

VERTICAL RESULT



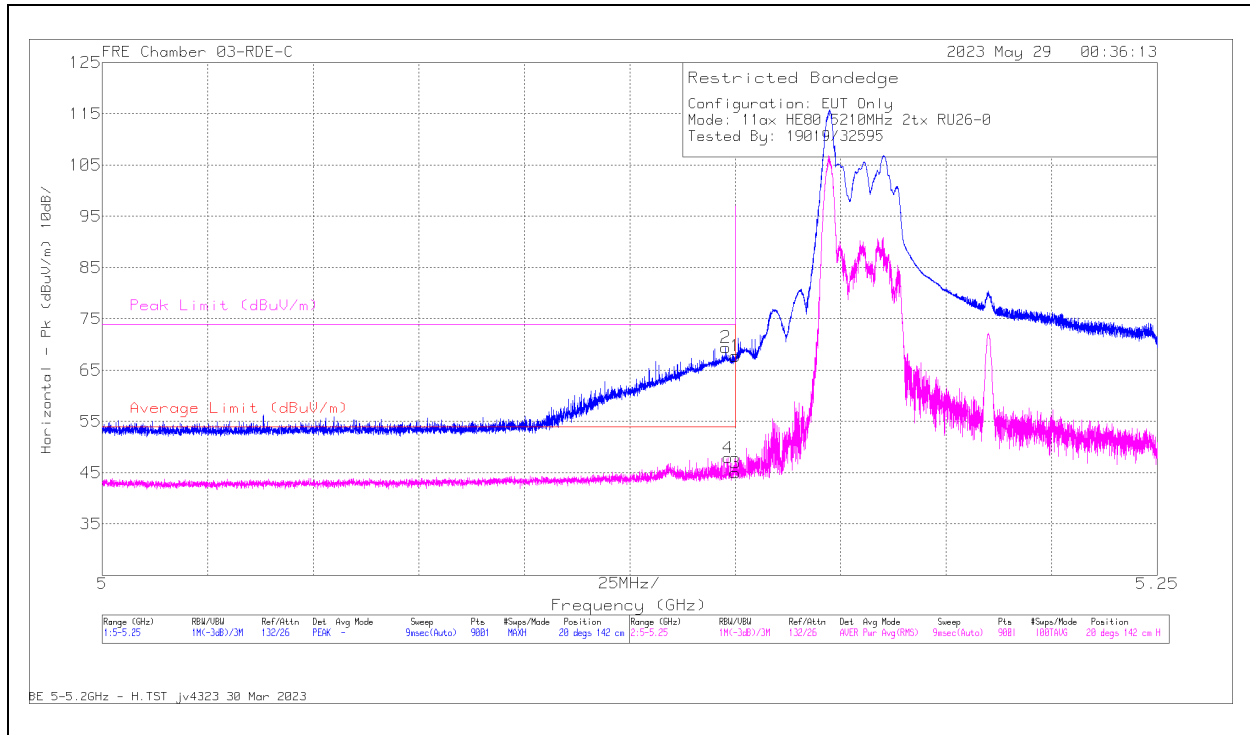
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	23029 9 ACF (dB/m)	DCCF (dB)	Gain/Loss (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 5.15	61.67	Pk	34.6	0	-38.69	57.58	-	-	74	-16.42	77	139	V
2	* 5.148668	63.25	Pk	34.6	0	-38.73	59.12	-	-	74	-14.88	77	139	V
3	* 5.15	48.89	RMS	34.6	1.06	-38.69	45.86	54	-8.14	-	-	77	139	V
4	* 5.146946	49.41	RMS	34.6	1.06	-38.78	46.29	54	-7.71	-	-	77	139	V

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

2TX Antenna 6 + Antenna 5 OFDMA MODE: 26-Tones, RU Index 0

BANDEDGE (MID CHANNEL)

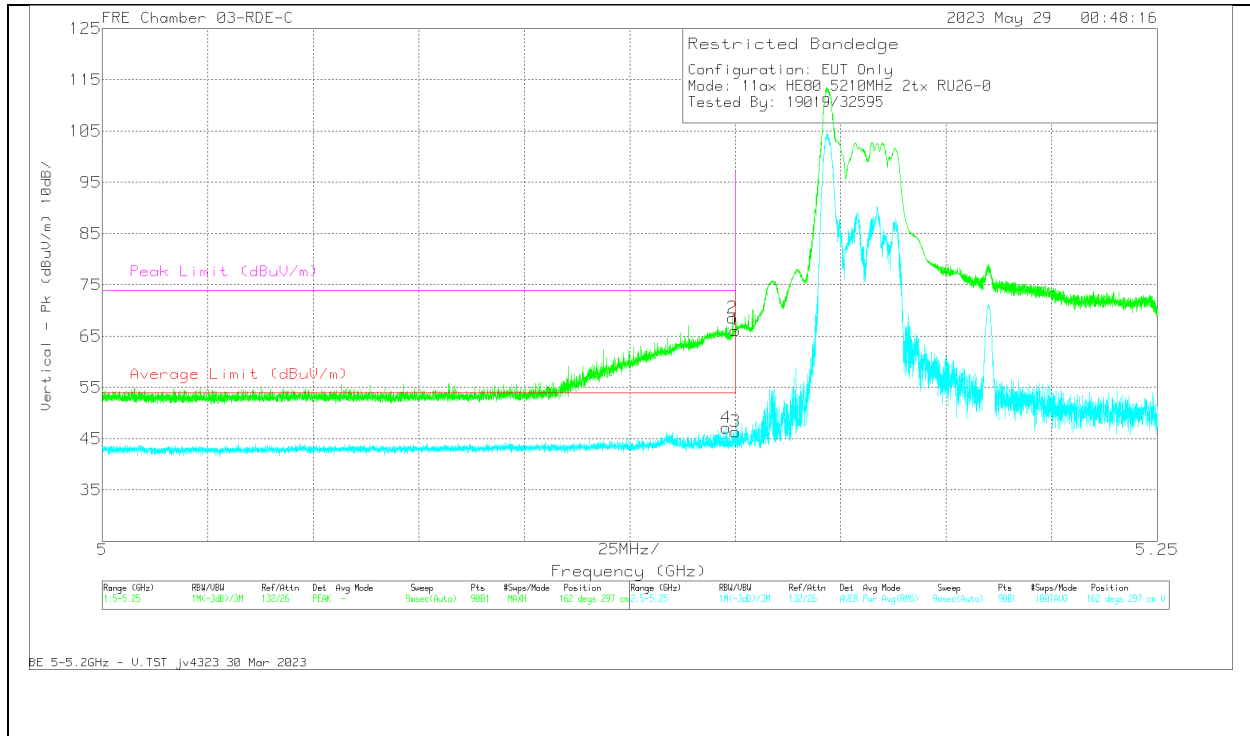
HORIZONTAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	22667 2 ACF (dB) 3mH	DCCF (dB)	Gain/Loss (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	71.75	Pk	34.4	0	-38.4	67.75	-	-	74	-6.25	20	142	H
2	* 5.147751	73.52	Pk	34.4	0	-38.52	69.4	-	-	74	-4.6	20	142	H
3	* 5.15	48.49	RMS	34.4	1.04	-38.4	45.49	54	-8.51	-	-	20	142	H
4	* 5.148251	51.54	RMS	34.4	1.04	-38.5	48.48	54	-5.52	-	-	20	142	H

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

VERTICAL RESULT

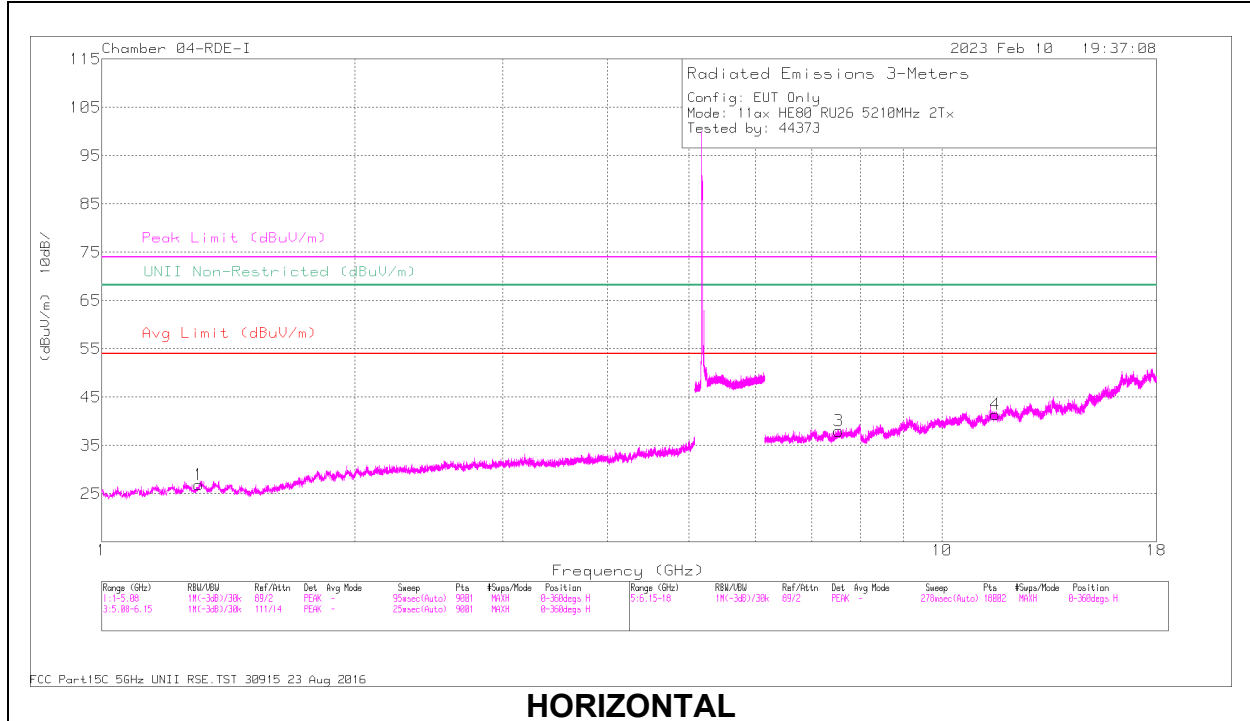


Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	22667 2 ACF (dB) 3mH	DCCF (dB)	Gain/Loss (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 5.15	70.13	Pk	34.4	0	-38.4	66.13	-	-	74	-7.87	162	297	V
2	* 5.149335	72.61	Pk	34.4	0	-38.47	68.54	-	-	74	-5.46	162	297	V
3	* 5.15	49.91	RMS	34.4	1.04	-38.4	46.95	54	-7.05	-	-	162	297	V
4	* 5.14789	50.77	RMS	34.4	1.04	-38.51	47.66	54	-6.34	-	-	162	297	V

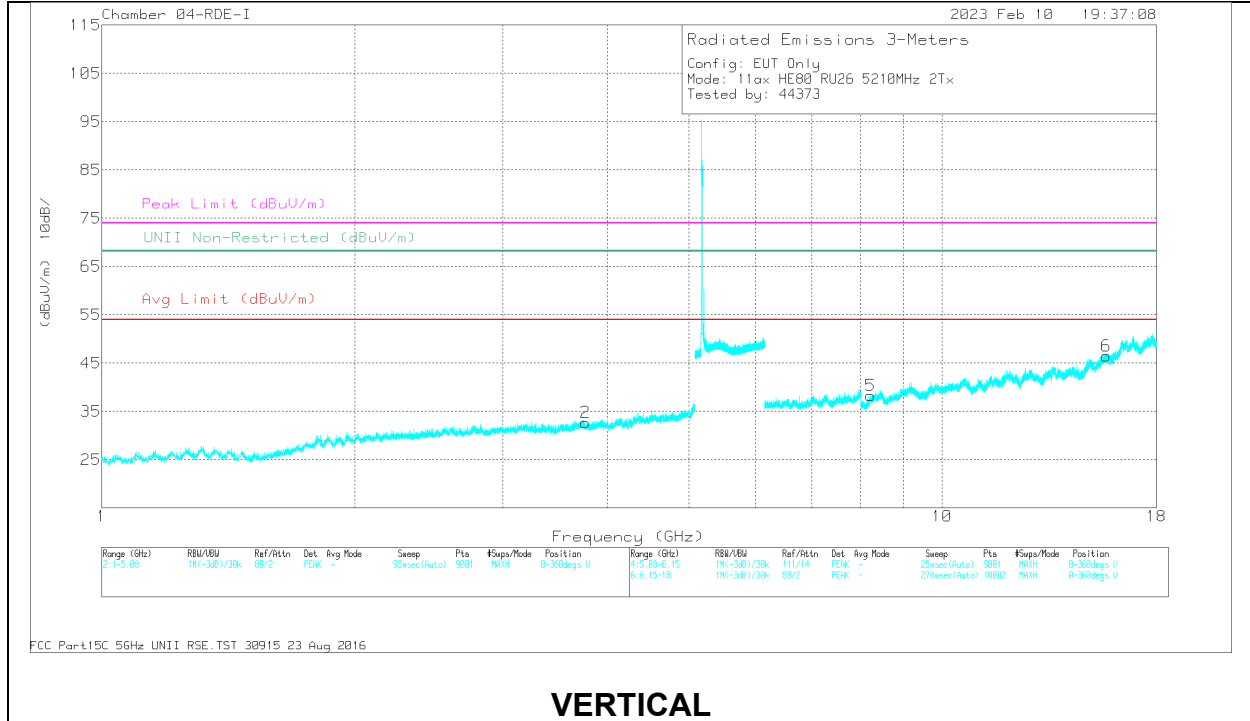
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band
PK - Peak detector
RMS - RMS detection

1.2.14. 5.2GHz, 11ax HE80 RU26 2TX HARMONICS AND SPURIOUS EMISSIONS

MID CHANNEL RESULTS



HORIZONTAL



VERTICAL

RADIATED EMISSIONS

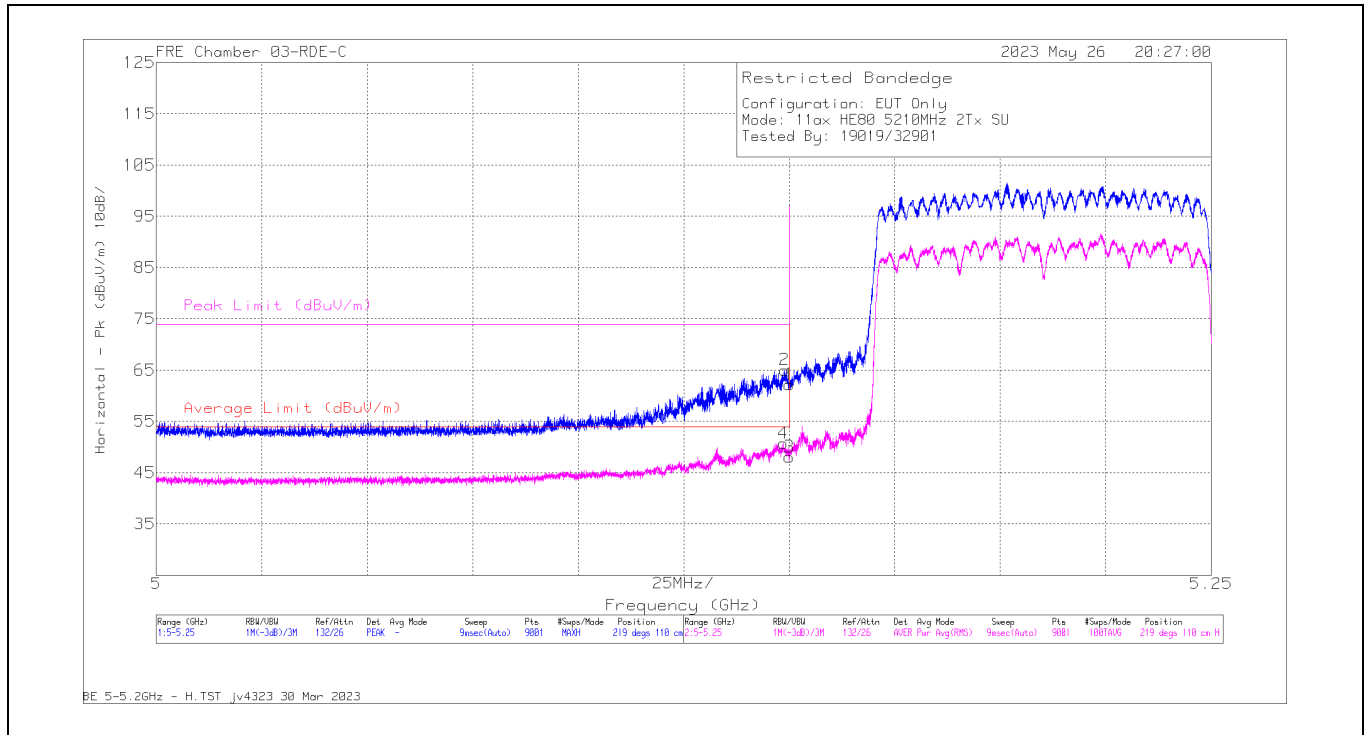
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	84797 ACF (dB) - 3mH	Amp/C bl/Fitr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 1.305881	42.1	PK-U	28.6	-32.9	37.8	-	-	74	-36.2	101	195	H
	* 1.305588	29.78	ADR	28.6	-32.9	25.48	54	-28.52	-	-	101	195	H
2	* 3.767015	39.02	PK-U	33.2	-29.3	42.92	-	-	74	-31.08	1	163	V
	* 3.765337	26.88	ADR	33.2	-29.2	30.88	54	-23.12	-	-	1	163	V
3	* 7.536918	32.38	PK-U	35.6	-20.6	47.38	-	-	74	-26.62	207	200	H
	* 7.537063	20.82	ADR	35.7	-20.5	36.02	54	-17.98	-	-	207	200	H
4	* 11.566143	31.93	PK-U	38.1	-18.5	51.53	-	-	74	-22.47	333	117	H
	* 11.565447	20.17	ADR	38.1	-18.4	39.87	54	-14.13	-	-	333	117	H
5	* 8.221933	31.94	PK-U	35.9	-20.1	47.74	-	-	74	-26.26	9	152	V
	* 8.221787	20.11	ADR	35.9	-20.1	35.91	54	-18.09	-	-	9	152	V
6	* 15.695138	32.24	PK-U	41.2	-16.4	57.04	-	-	74	-16.96	150	101	V
	* 15.694765	19.51	ADR	41.2	-16.4	44.31	54	-9.69	-	-	150	101	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 Antenna 6 + Antenna 5 OFDMA MODE: SU, Single User

BANDEDGE (MID CHANNEL)

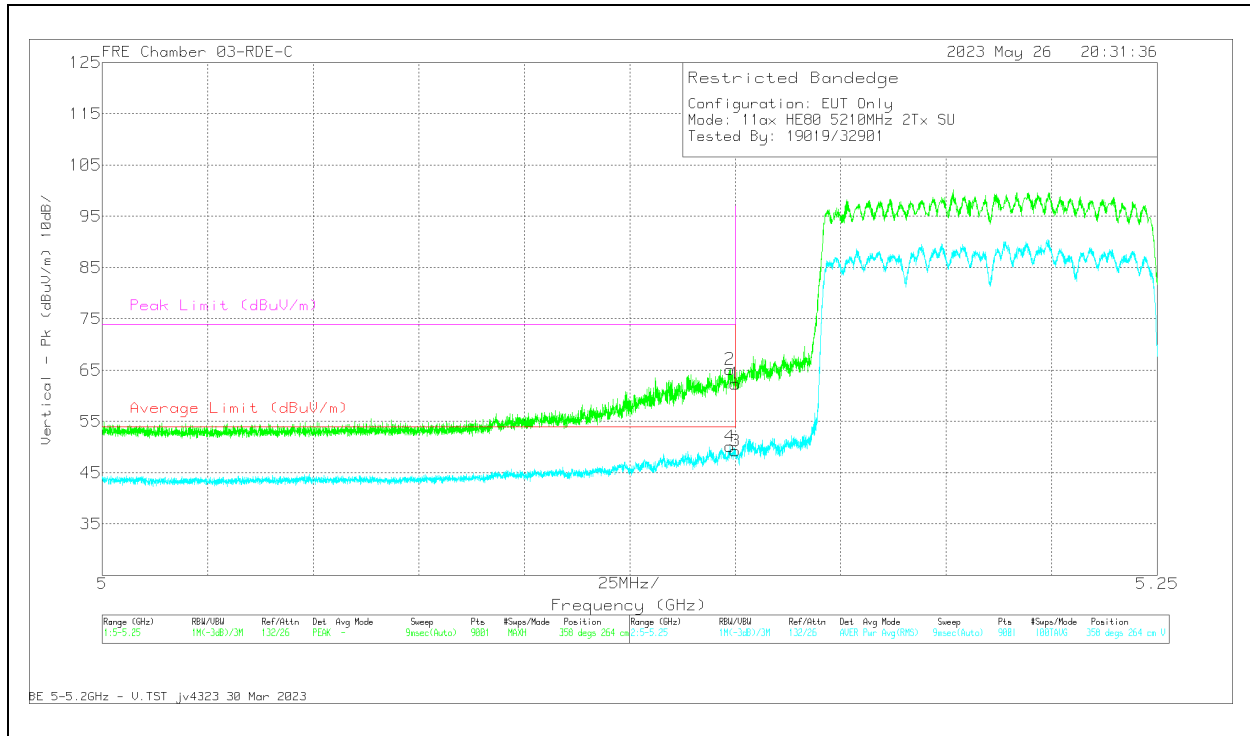
HORIZONTAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	22667 2 ACF (dB) 3mH	DCCF (dB)	Gain/Loss (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	66.17	Pk	34.4	0	-38.4	62.17	-	-	74	-11.83	219	110	H
2	* 5.148918	69.13	Pk	34.4	0	-38.5	65.03	-	-	74	-8.97	219	110	H
3	* 5.15	50.92	RMS	34.4	1.06	-38.4	47.98	54	-6.02	-	-	219	110	H
4	* 5.148529	53.69	RMS	34.4	1.06	-38.5	50.65	54	-3.35	-	-	219	110	H

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

VERTICAL RESULT

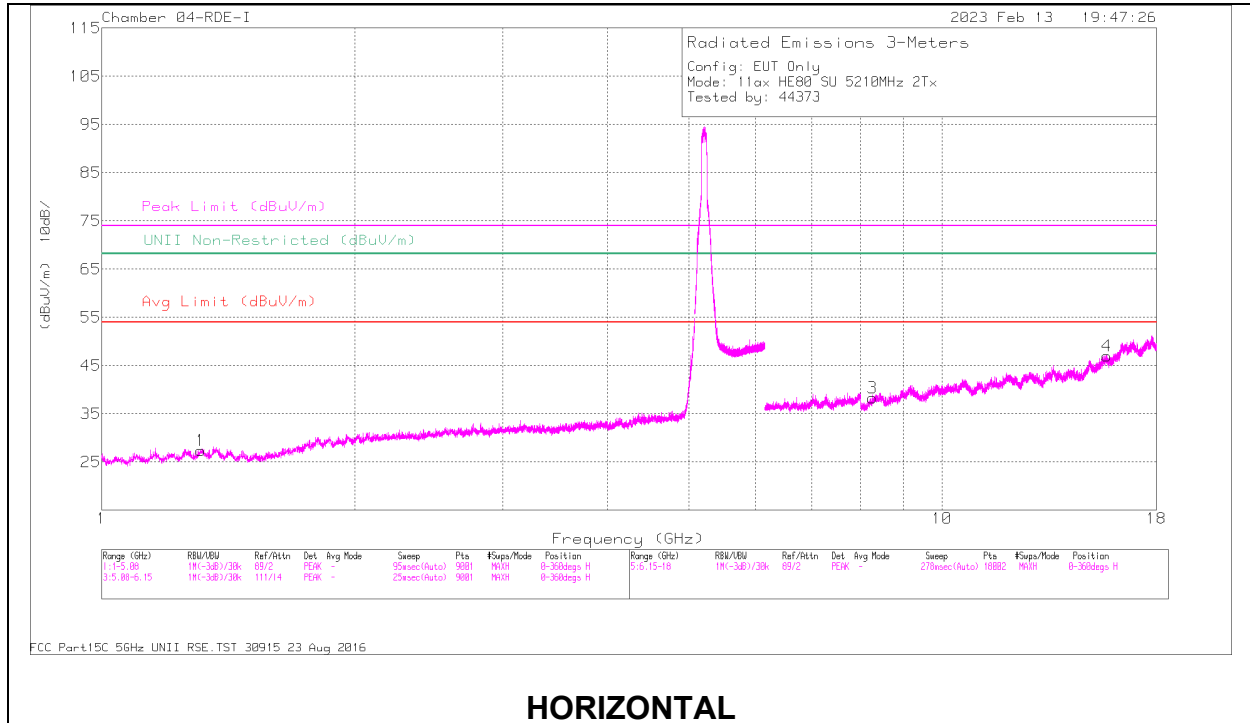


Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	22667 2 ACF (dB) 3mH	DCCF (dB)	Gain/Loss (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 5.15	66.35	PK	34.4	0	-38.4	62.35	-	-	74	-11.65	358	264	V
2	* 5.148751	69.22	PK	34.4	0	-38.5	65.12	-	-	74	-8.88	358	264	V
3	* 5.15	52.15	RMS	34.4	1.06	-38.4	49.21	54	-4.79	-	-	358	264	V
4	* 5.148723	53.09	RMS	34.4	1.06	-38.5	50.05	54	-3.95	-	-	358	264	V

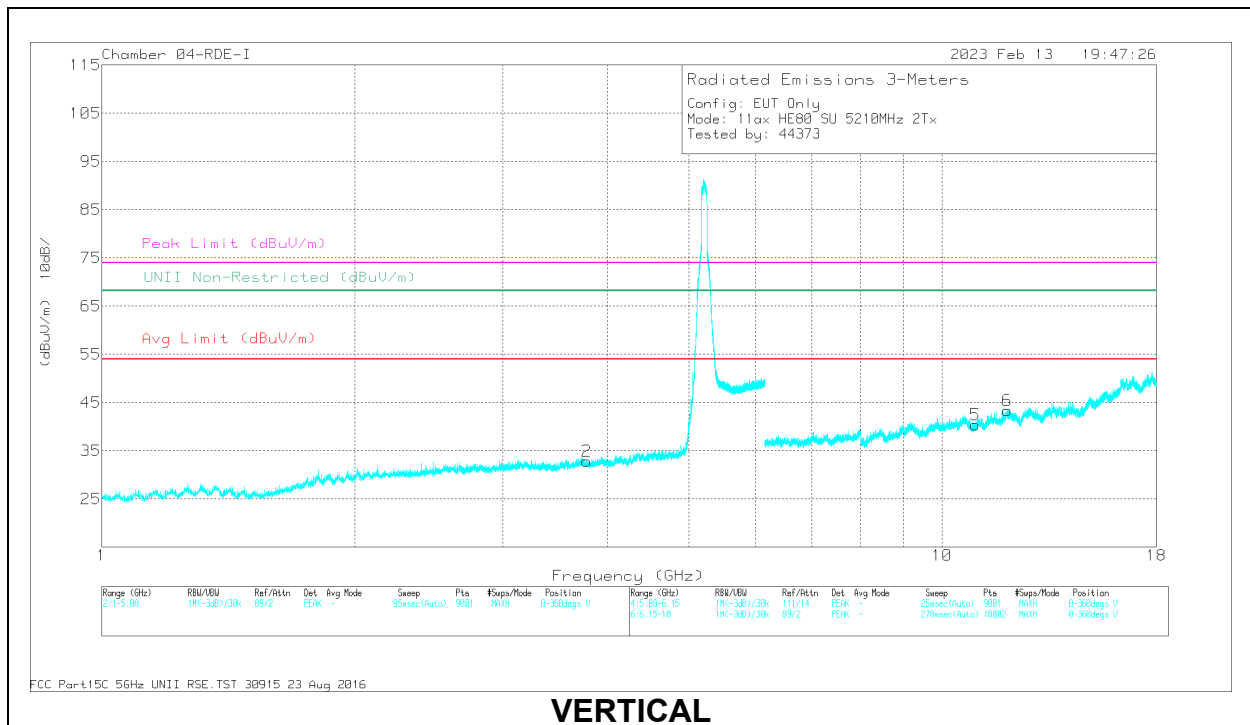
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band
 PK - Peak detector
 RMS - RMS detection

1.2.15. 5.2GHz, 11ax HE80 SU 2TX HARMONICS AND SPURIOUS EMISSIONS

MID CHANNEL RESULTS



HORIZONTAL



VERTICAL

RADIATED EMISSIONS

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	84797 ACF (dB) - 3mH	Amp/C bl/Fitr (dB)	DCCF (dB)	Correct ed Reading (dBuV/ m)	Avg Limit (dBuV/ m)	Margin (dB)	Peak Limit (dBuV/ m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 1.310657	42.38	PK-U	28.6	-32.9	0	38.08	-	-	74	-35.92	155	118	H
	* 1.311947	30.72	ADR	28.6	-32.9	.24	26.66	54	-27.34	-	-	155	118	H
2	* 3.781252	39.33	PK-U	33.3	-29.5	0	43.13	-	-	74	-30.87	206	196	V
	* 3.779718	27.72	ADR	33.3	-29.5	.24	31.76	54	-22.24	-	-	206	196	V
3	* 8.261689	32.3	PK-U	35.9	-20.2	0	48	-	-	74	-26	119	115	H
	* 8.261395	20.57	ADR	35.9	-20.2	.24	36.51	54	-17.49	-	-	119	115	H
4	* 15.715602	31.98	PK-U	41.2	-16.1	0	57.08	-	-	74	-16.92	200	201	H
	* 15.718888	20.25	ADR	41.2	-16.2	.24	45.49	54	-8.51	-	-	200	201	H
5	* 10.962206	31.01	PK-U	37.6	-18.9	0	49.71	-	-	74	-24.29	6	107	V
	* 10.96264	19.75	ADR	37.6	-18.8	.24	38.79	54	-15.21	-	-	6	107	V
6	* 11.954479	32.35	PK-U	38.5	-17.9	0	52.95	-	-	74	-21.05	101	142	V
	* 11.956427	20.59	ADR	38.6	-18	.24	41.43	54	-12.57	-	-	101	142	V

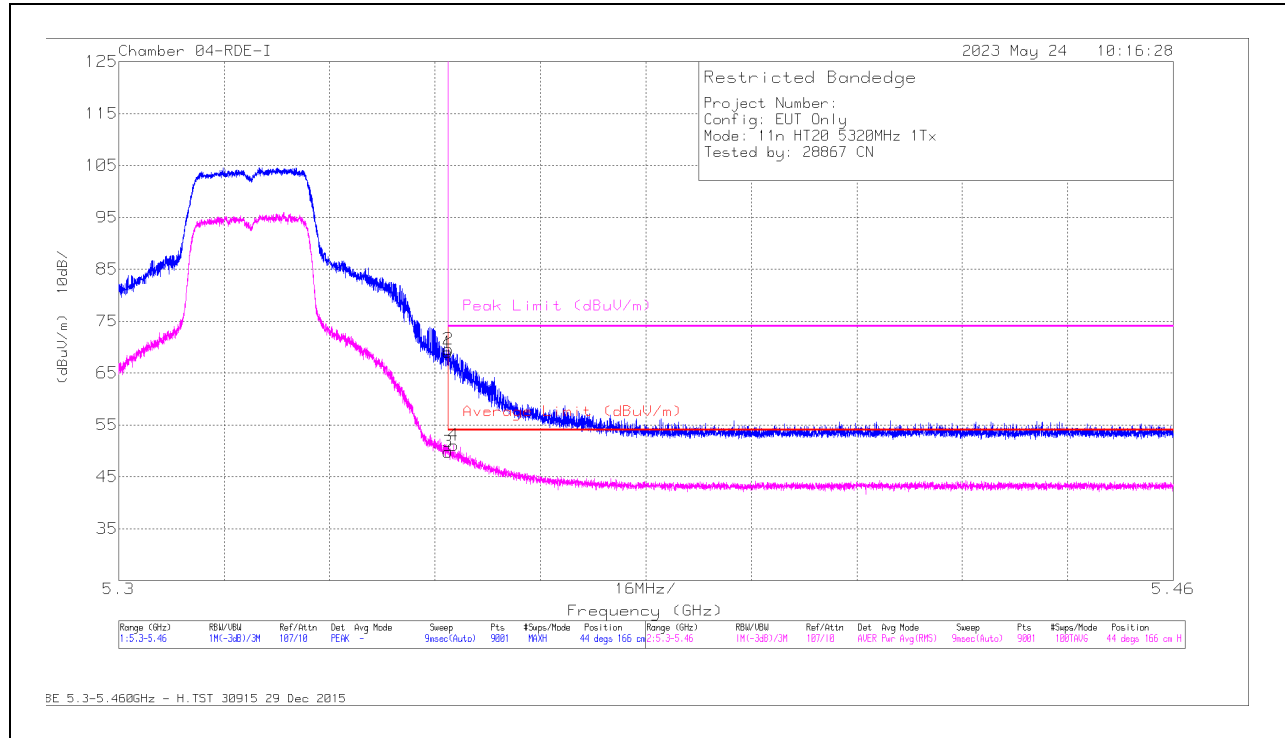
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band
 PK-U - U-NII: Maximum Peak
 ADR - U-NII AD primary method, RMS average

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

1TX Antenna 6

BANDEDGE (HIGH CHANNEL)

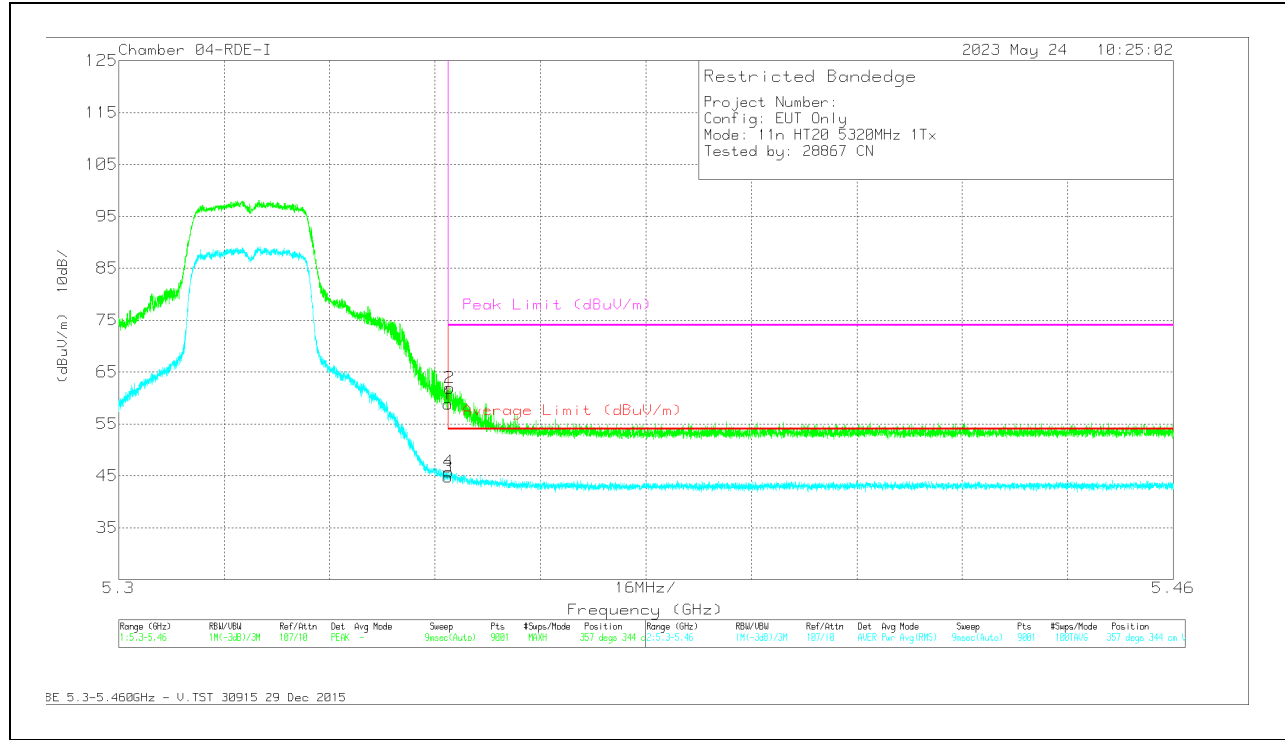
HORIZONTAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	84797 ACF (dB) - 3mH	Amp/Cbl/Pad (dB)	DCCF (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 5.35	51.79	Pk	34.8	-17.6	0	68.99	-	-	74	-5.01	44	166	H
2	* 5.350027	52.36	PK	34.8	-17.6	0	69.56	-	-	74	-4.44	44	166	H
3	* 5.35	32.21	RMS	34.8	-17.6	.39	49.80	54	-4.20	-	-	44	166	H
4	* 5.350845	33.38	RMS	34.8	-17.5	.39	51.07	54	-2.93	-	-	44	166	H

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

VERTICAL RESULT



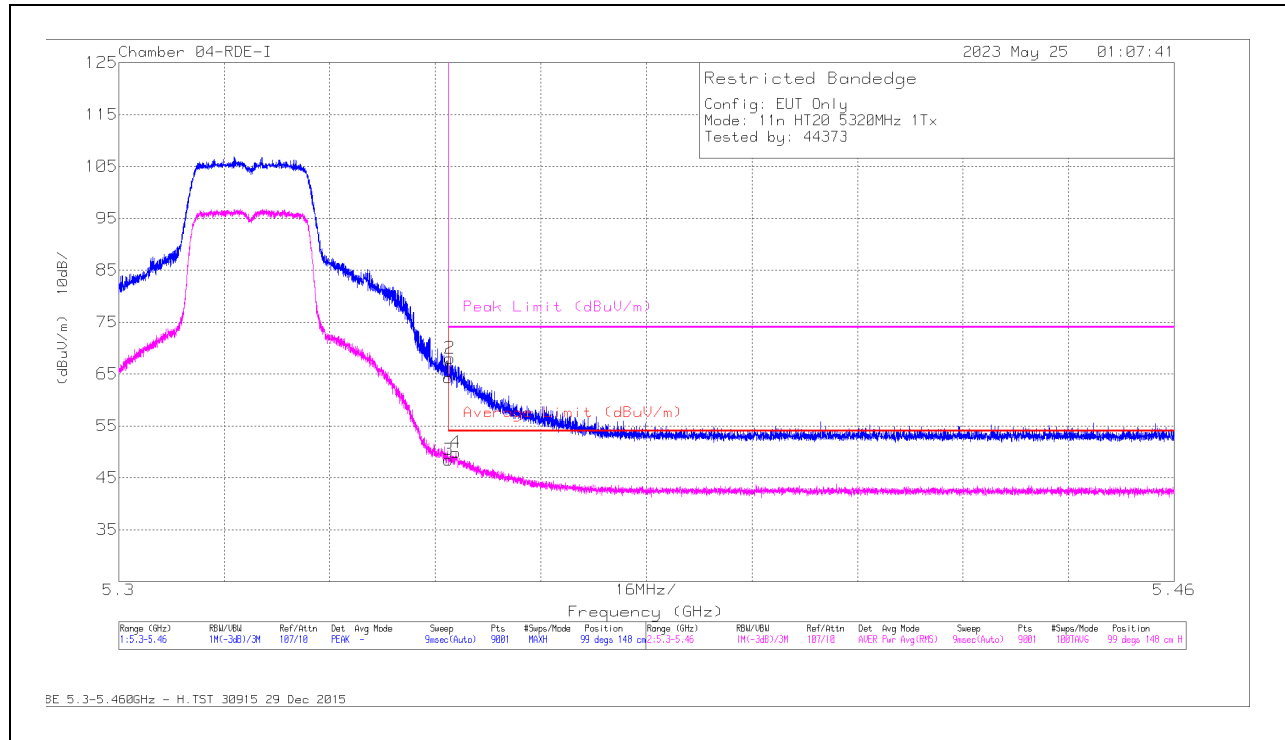
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	84797 ACF (dB) - 3mH	Amp/Cbl/Pad (dB)	DCCF (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 5.35	41.67	Pk	34.8	-17.6	0	58.87	-	-	74	-15.13	357	344	V
2	* 5.350205	44.75	Pk	34.8	-17.6	0	61.95	-	-	74	-12.05	357	344	V
3	* 5.35	27.13	RMS	34.8	-17.6	.39	44.72	54	-9.28	-	-	357	344	V
4	* 5.350081	28.11	RMS	34.8	-17.6	.39	45.70	54	-8.30	-	-	357	344	V

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

1TX Antenna 5

BANDEDGE (HIGH CHANNEL)

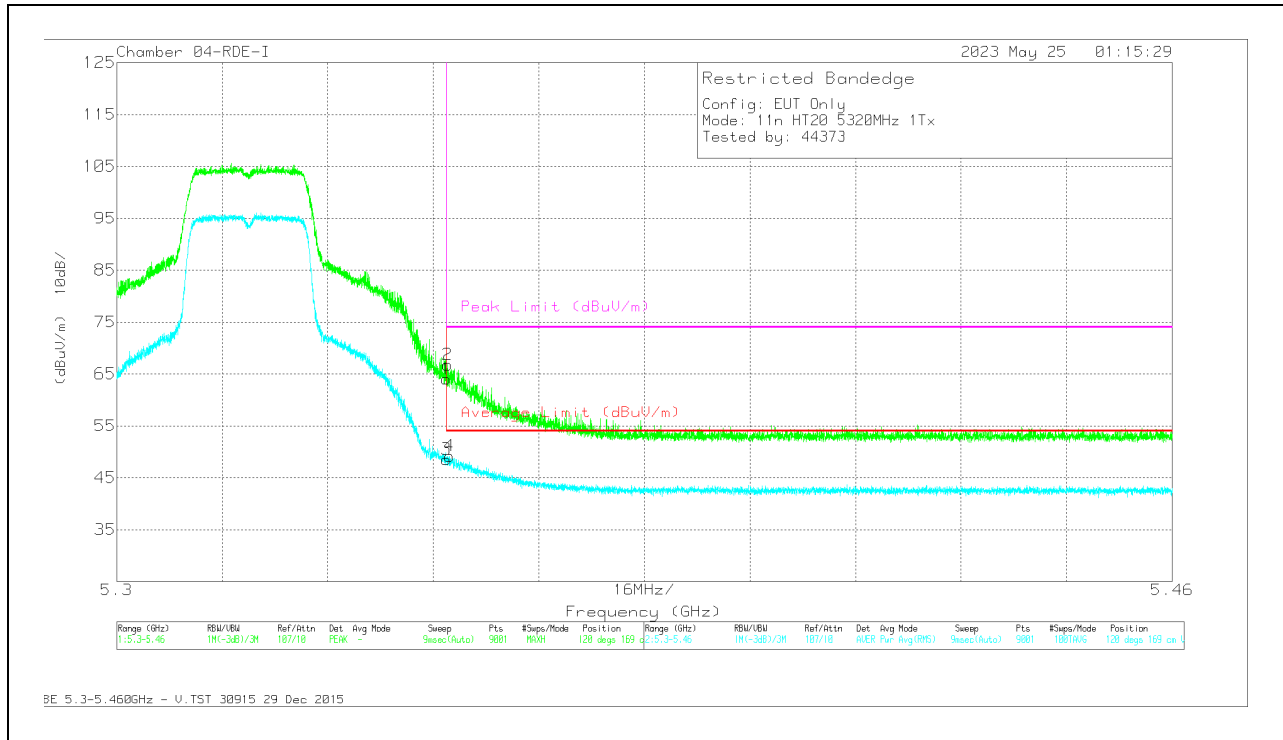
HORIZONTAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	84797 ACF (dB) - 3mH	Amp/Cbl/Pad (dB)	DCCF (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 5.35	47.1	Pk	34.8	-17.6	0	64.3	-	-	74	-9.7	99	148	H
2	* 5.350223	50.88	Pk	34.8	-17.6	0	68.08	-	-	74	-5.92	99	148	H
3	* 5.35	31	RMS	34.8	-17.6	.39	48.59	54	-5.41	-	-	99	148	H
4	* 5.351112	32.29	RMS	34.8	-17.5	.39	49.98	54	-4.02	-	-	99	148	H

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

VERTICAL RESULT



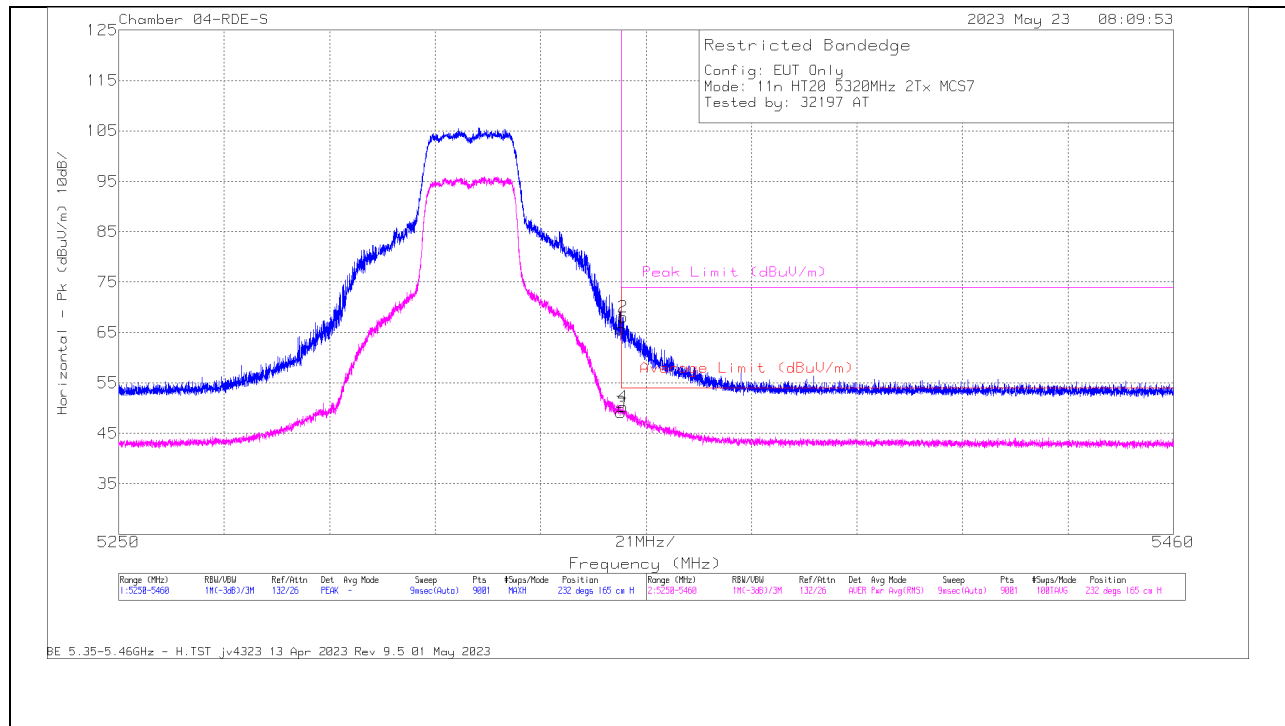
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	84797 ACF (dB) - 3mH	Amp/Cbl/Pad (dB)	DCCF (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 5.35	46.83	Pk	34.8	-17.6	0	64.03	-	-	74	-9.97	120	169	V
2	* 5.35017	49.59	Pk	34.8	-17.6	0	66.79	-	-	74	-7.21	120	169	V
3	* 5.35	31.05	RMS	34.8	-17.6	.39	48.64	54	-5.36	-	-	120	169	V
4	* 5.350472	31.7	RMS	34.8	-17.6	.39	49.29	54	-4.71	-	-	120	169	V

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

2TX Antenna 6 + Antenna 5 CDD MODE

BANDEDGE (HIGH CHANNEL)

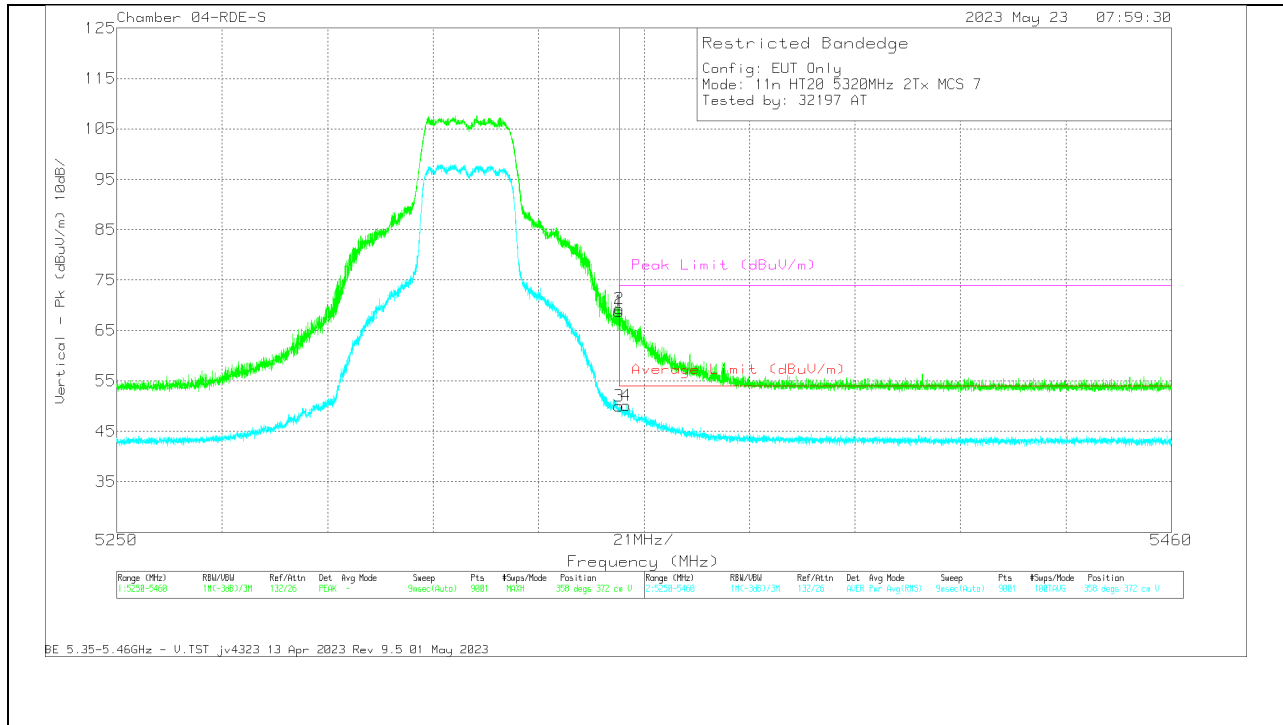
HORIZONTAL RESULT



Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	20078 4 ACF (dB) 3mH	DCCF (dB)	Gain/Loss (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5350	69.02	Pk	34.6	0	-37.97	65.65	-	-	74	-8.35	232	165	H
3	5350	52.3	RMS	34.6	.39	-37.97	49.32	54	-4.68	-	-	232	165	H
4	5350.425	53.37	RMS	34.6	.39	-37.97	50.39	54	-3.61	-	-	232	165	H
2	5350.449	71.46	Pk	34.6	0	-37.97	68.09	-	-	74	-5.91	232	165	H

Pk - Peak detector
 RMS - RMS detection

VERTICAL RESULT

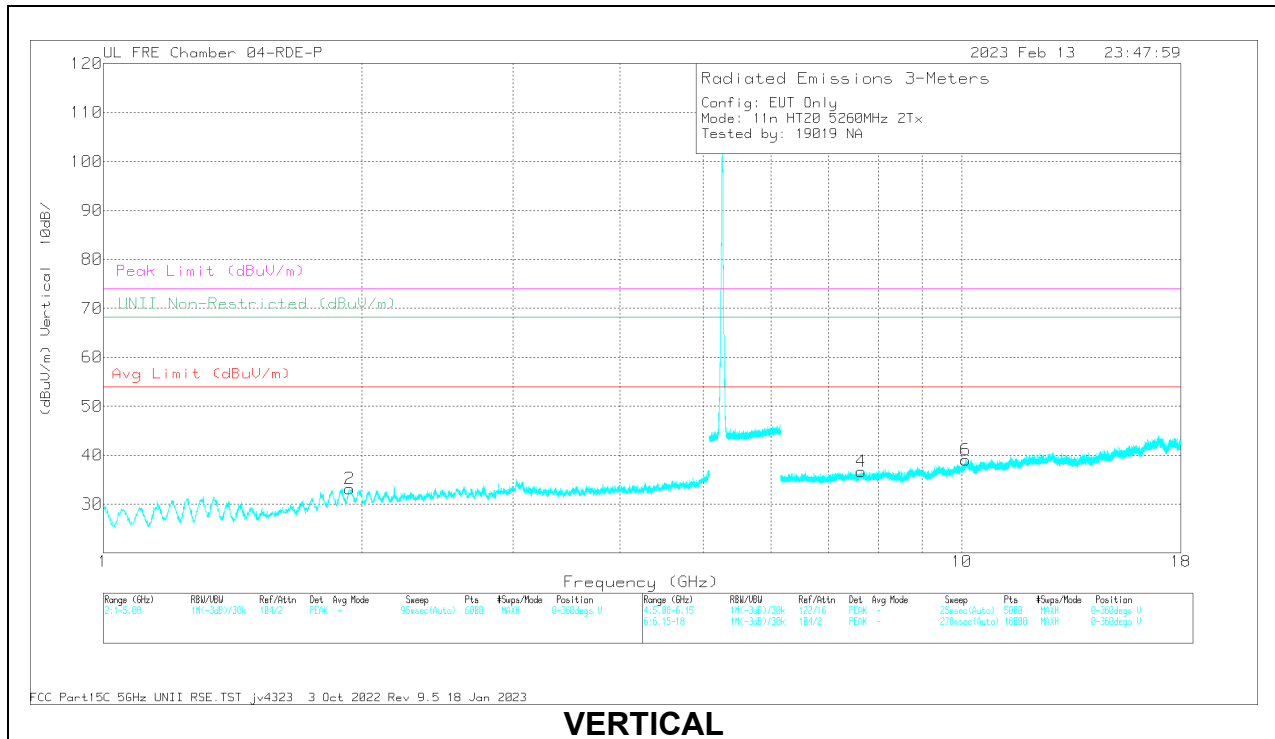
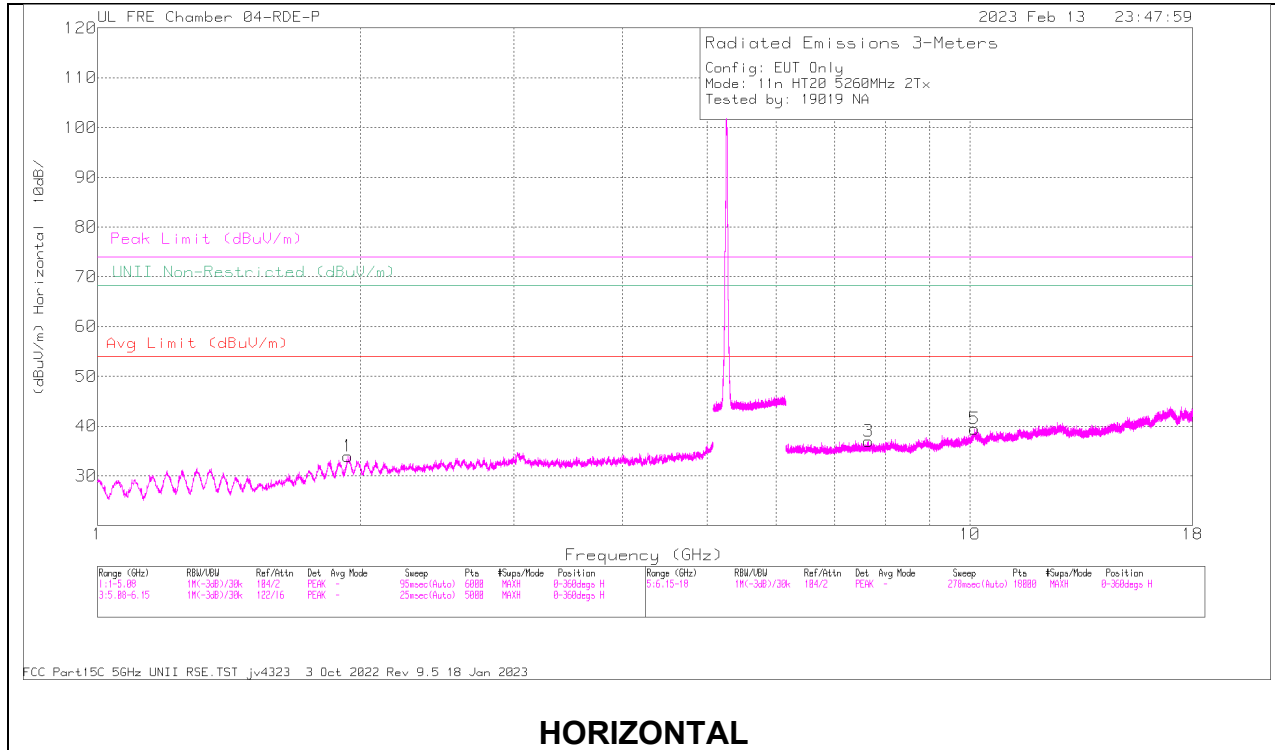


Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	20078 4 ACF (dB) 3mH	DCCF (dB)	Gain/Loss (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5350	72.17	Pk	34.6	0	-37.97	68.8	-	-	74	-5.2	358	372	V
3	5350	53.09	RMS	34.6	.39	-37.97	50.11	54	-3.89	-	-	358	372	V
2	5350.029	72.75	Pk	34.6	0	-37.97	69.38	-	-	74	-4.62	358	372	V
4	5351.452	53.24	RMS	34.6	.39	-37.96	50.27	54	-3.73	-	-	358	372	V

Pk - Peak detector
 RMS - RMS detection

1.2.17. 5.3GHz, HT20 2TX HARMONICS AND SPURIOUS EMISSIONS

LOW CHANNEL RESULTS

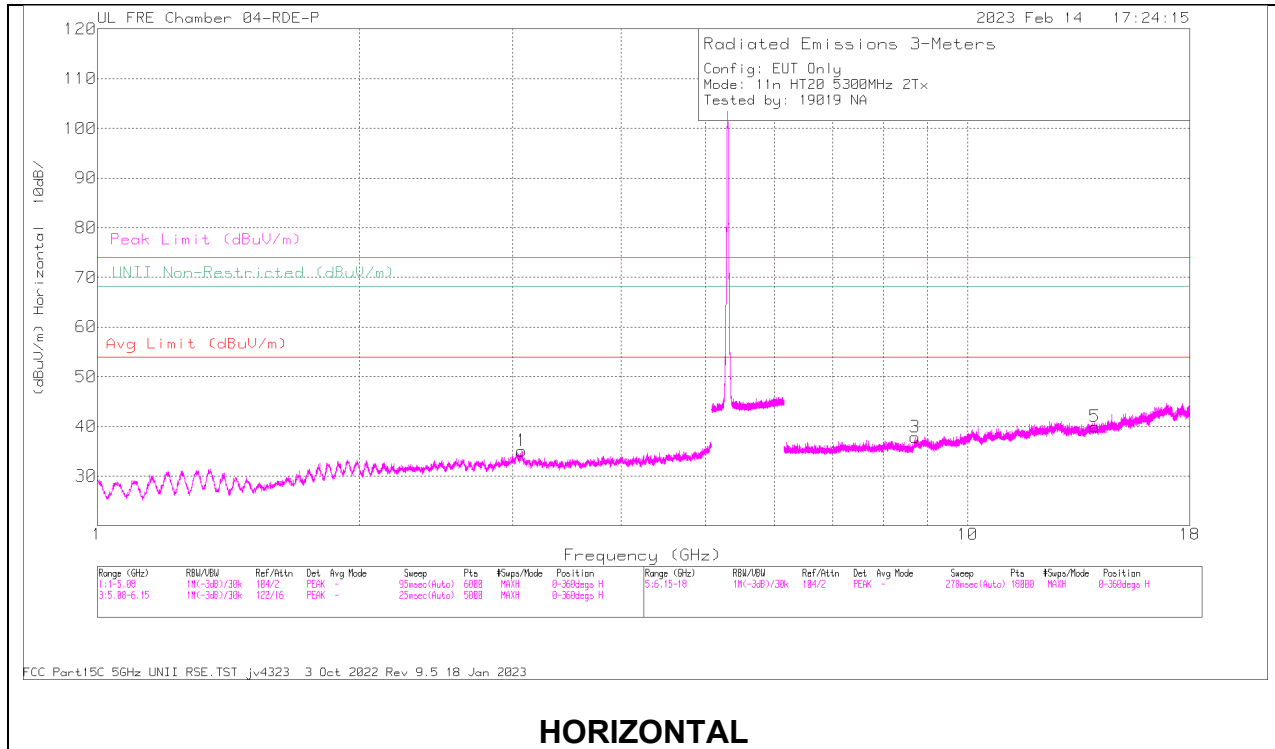


RADIATED EMISSIONS

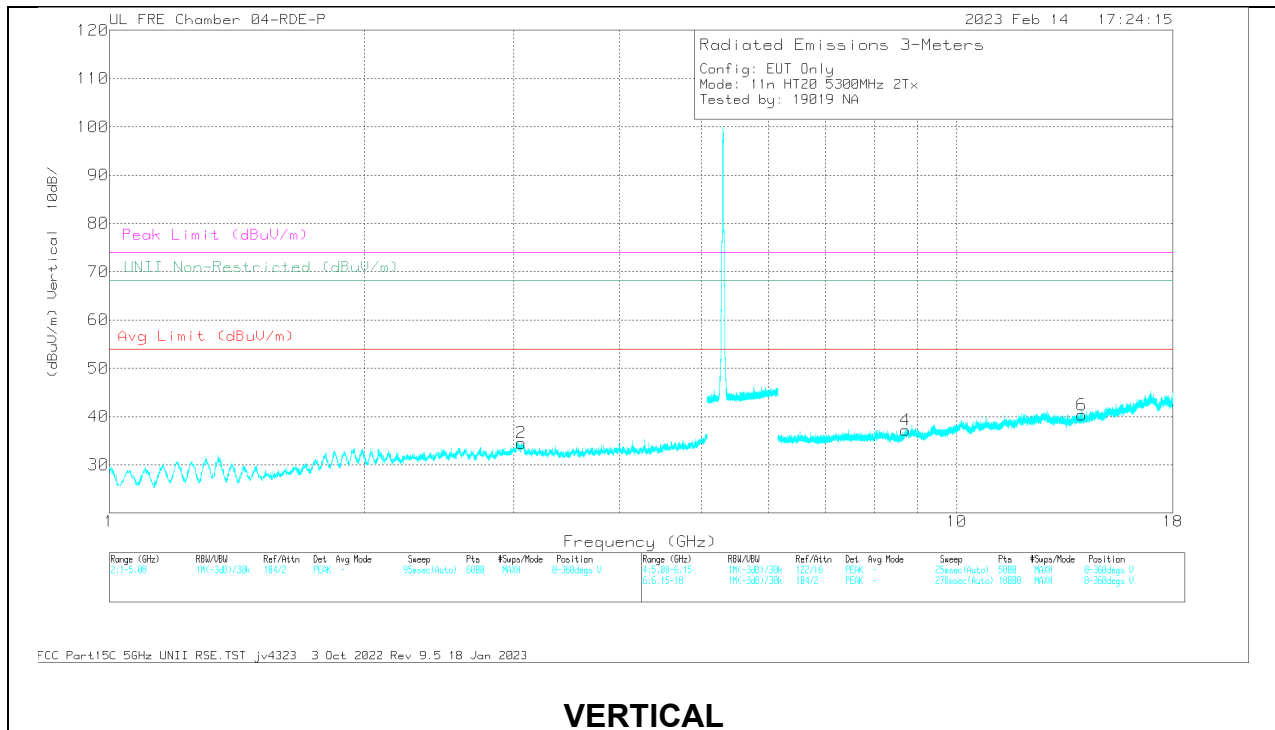
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	222740 ACF(dB) - 3mH	Gain/Loss (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	1.935773	61.72	PK-U	31.5	-49.21	44.01	-	-	-	-	68.2	-24.19	3	264	H
2	1.938869	61.27	PK-U	31.5	-49.11	43.66	-	-	-	-	68.2	-24.54	147	263	V
4	7.639284	56.08	PK-U	35.7	-45.81	45.97	-	-	74	-28.03	-	-	53	238	V
	7.640471	44.71	ADR	35.7	-45.82	34.59	54	-19.41	-	-	-	-	53	238	V
3	7.660595	56.11	PK-U	35.7	-45.53	46.28	-	-	74	-27.72	-	-	316	235	H
	7.661315	44.62	ADR	35.7	-45.54	34.78	54	-19.22	-	-	-	-	316	235	H
6	10.113272	58.06	PK-U	37.1	-46.53	48.63	-	-	-	-	68.2	-19.57	183	214	V
5	10.121078	58.18	PK-U	37.2	-46.35	49.03	-	-	-	-	68.2	-19.17	0	377	H

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

MID CHANNEL RESULTS



HORIZONTAL



VERTICAL

RADIATED EMISSIONS

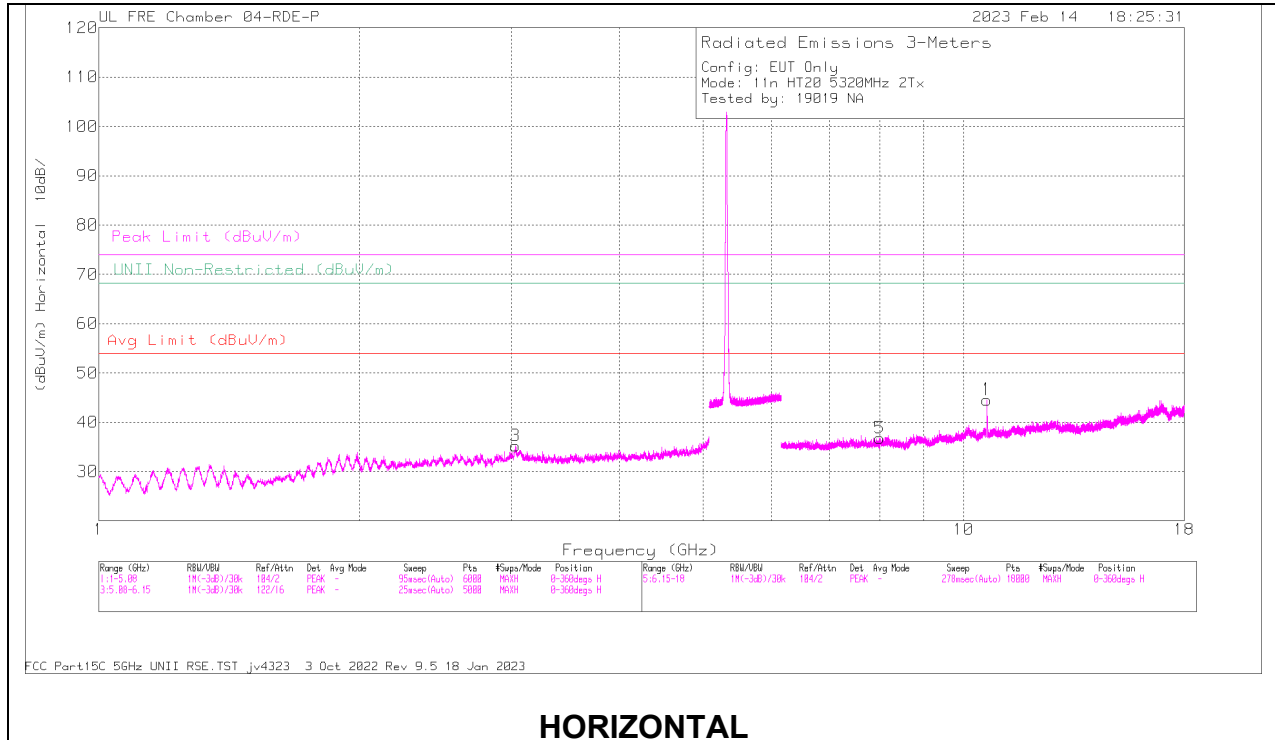
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	222740 ACF(dB) - 3mH	Gain/Loss (dB)	Corrected Reading (dBuV/m)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
2	3.064845	57.68	PK-U	33.5	-47.04	44.14	68.2	-24.06	69	285	V
1	3.069529	57.64	PK-U	33.5	-47.02	44.12	68.2	-24.08	104	171	H
4	8.699532	53.45	PK-U	35.9	-42.87	46.48	68.2	-21.72	171	174	V
3	8.711183	53.9	PK-U	36	-42.84	47.06	68.2	-21.14	356	318	H
5	13.997196	55.89	PK-U	38.6	-43.97	50.52	68.2	-17.68	4	192	H
6	14.059663	54.31	PK-U	38.7	-43.46	49.55	68.2	-18.65	331	155	V

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

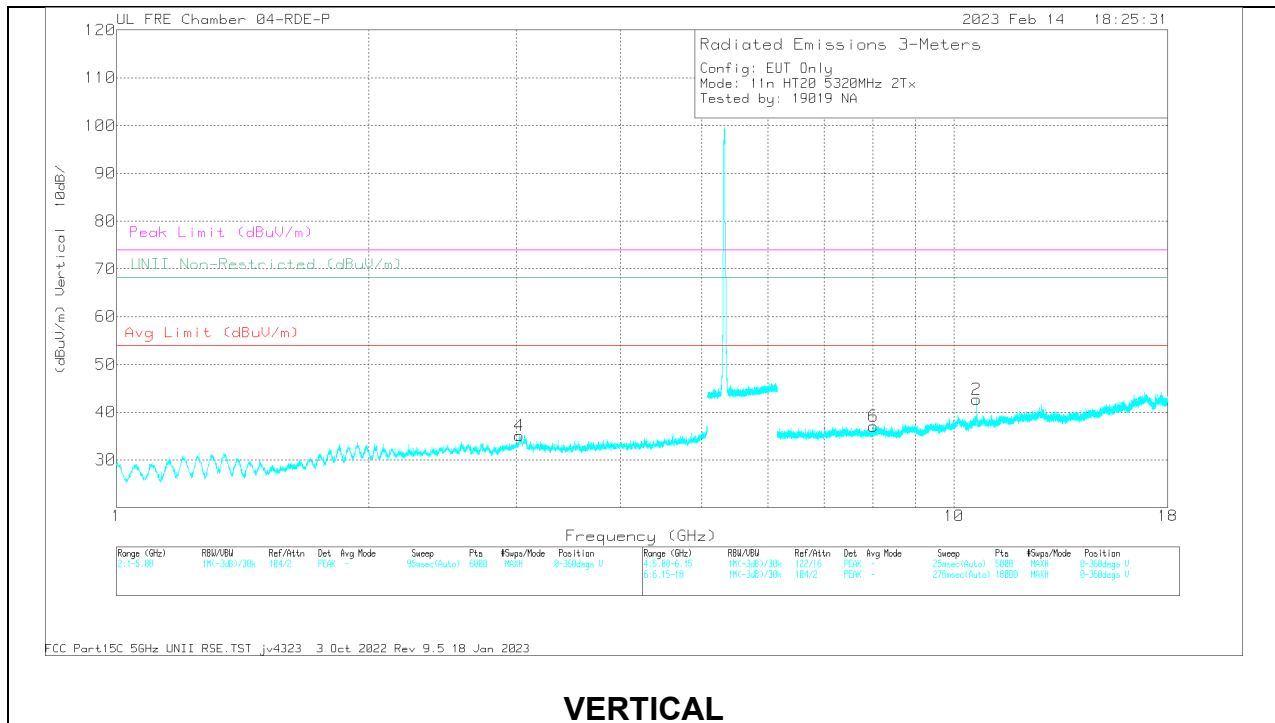
PK-U - U-NII: Maximum Peak

ADR - U-NII AD primary method, RMS average

HIGH CHANNEL RESULTS



HORIZONTAL



VERTICAL

RADIATED EMISSIONS

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

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	22740 ACF(dB) - 3mH	Gain/Loss (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	3.030255	59.07	PK-U	33.4	-47.8	44.67	-	-	-	-	68.2	-23.53	184	400	V
3	3.032272	59.52	PK-U	33.4	-47.77	45.15	-	-	-	-	68.2	-23.05	342	338	H
5	8.00763	55.58	PK-U	35.7	-44.94	46.34	-	-	-	-	68.2	-21.86	177	186	H
6	8.021938	55.9	PK-U	35.7	-45.08	46.52	-	-	-	-	68.2	-21.68	240	355	V
1	10.642672	61.94	PK-U	37.4	-44.44	54.9	-	-	74	-19.1	-	-	108	112	H
	10.641258	49.41	ADR	37.4	-44.34	42.47	54	-11.53	-	-	-	-	108	112	H
2	10.644431	60.47	PK-U	37.4	-44.42	53.45	-	-	74	-20.55	-	-	204	137	V
	10.641841	47.94	ADR	37.4	-44.37	40.97	54	-13.03	-	-	-	-	204	137	V

PK-U - U-NII: Maximum Peak

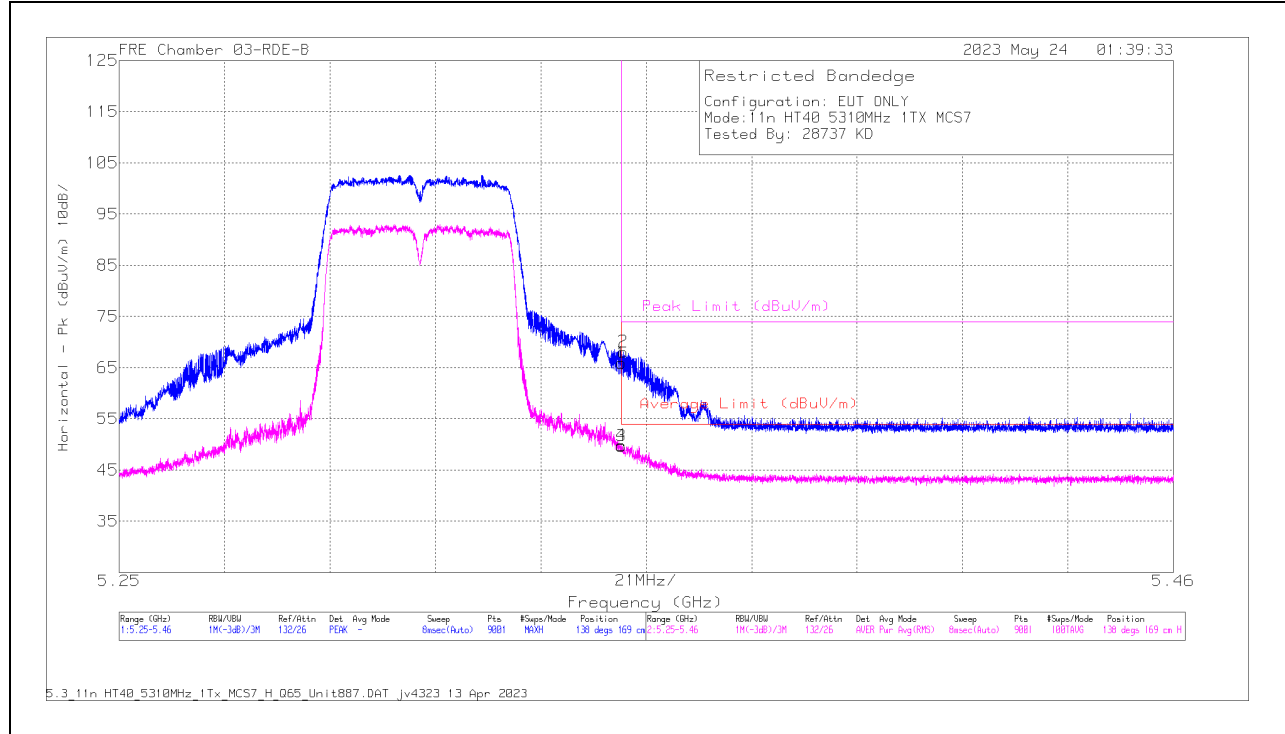
ADR - U-NII AD primary method, RMS average

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

1TX Antenna 6

BANDEDGE (HIGH CHANNEL)

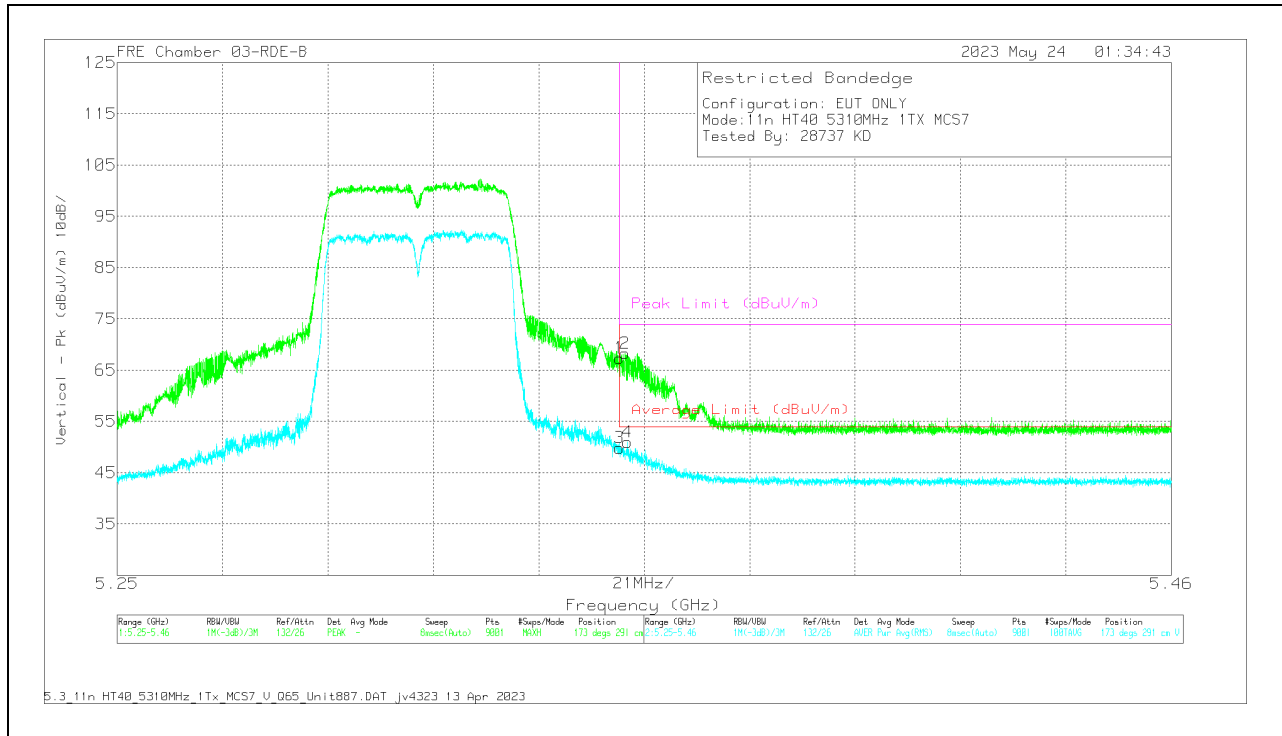
HORIZONTAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	23030 ACF (dB/m)	DCCF (dB)	Gain/Loss (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 5.35	71.12	Pk	34.4	0	-39.6	65.92	-	-	74	-8.08	138	169	H
2	* 5.350449	73.29	Pk	34.4	0	-39.6	68.09	-	-	74	-5.91	138	169	H
3	* 5.35	54.23	RMS	34.4	.65	-39.6	49.68	54	-4.32	-	-	138	169	H
4	* 5.350005	54.36	RMS	34.4	.65	-39.6	49.81	54	-4.19	-	-	138	169	H

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

VERTICAL RESULT



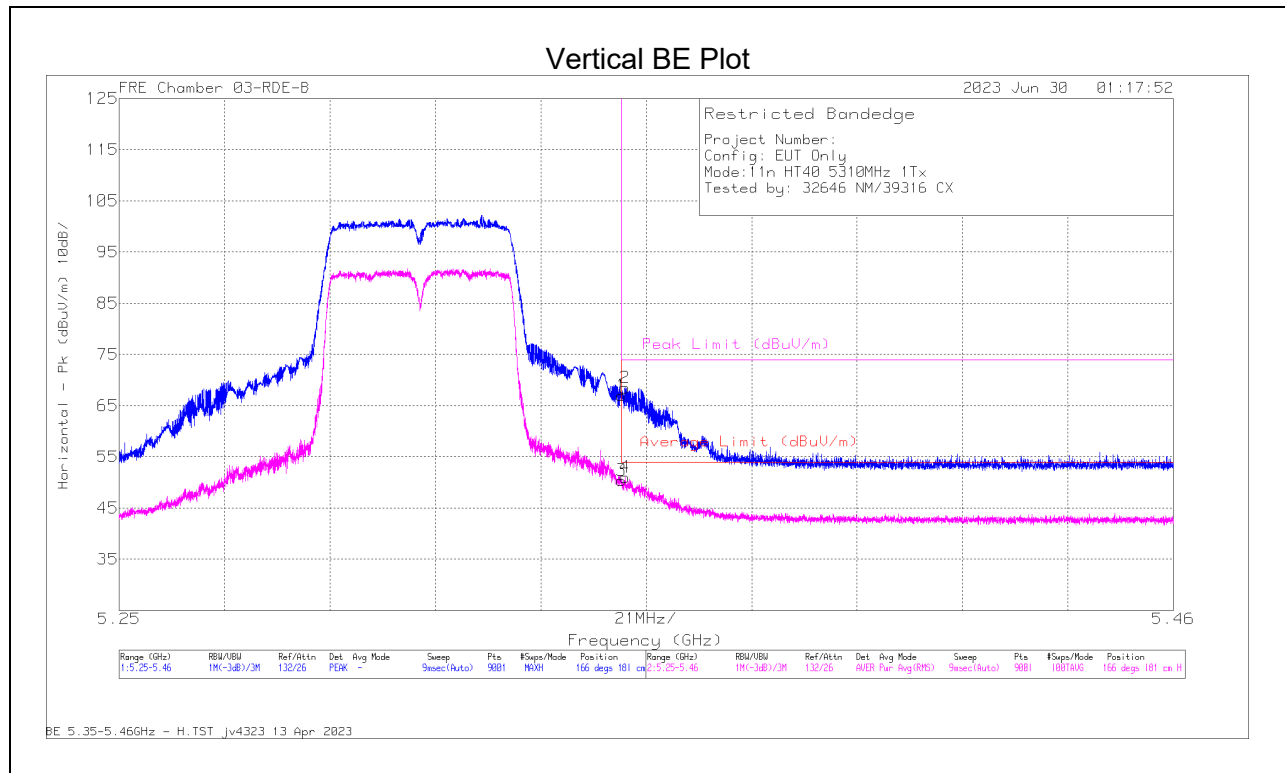
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	230300 ACF (dB/m)	DCCF (dB)	Gain/Loss (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 5.35	72.55	Pk	34.4	0	-39.6	67.35	-	-	74	-6.65	173	291	V
2	* 5.351195	73.48	Pk	34.4	0	-39.6	68.28	-	-	74	-5.72	173	291	V
3	* 5.35	54.37	RMS	34.4	.65	-39.6	49.82	54	-4.18	-	-	173	291	V
4	* 5.351639	55.48	RMS	34.4	.65	-39.6	50.93	54	-3.07	-	-	173	291	V

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

1TX Antenna 5

BANDEDGE (HIGH CHANNEL)

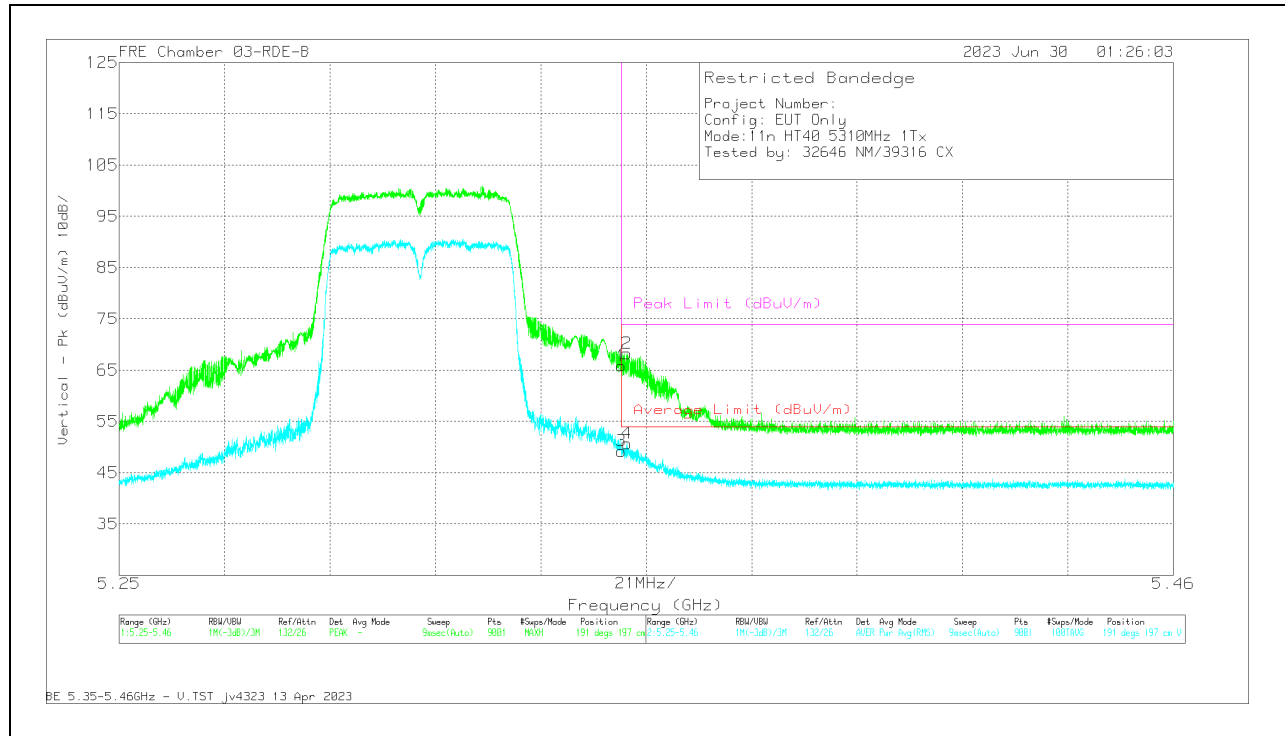
HORIZONTAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	230300 ACF (dBm)	DCCF (dB)	Gain/Loss (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 5.35	72.18	Pk	34.4	0	-39.6	66.98	-	-	74	-7.02	166	181	H
2	* 5.350775	73.7	Pk	34.4	0	-39.6	68.5	-	-	74	-5.5	166	181	H
3	* 5.35	55.41	RMS	34.4	.65	-39.6	50.86	54	-3.14	-	-	166	181	H
4	* 5.350752	56.04	RMS	34.4	.65	-39.6	51.49	54	-2.51	-	-	166	181	H

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

VERTICAL RESULT



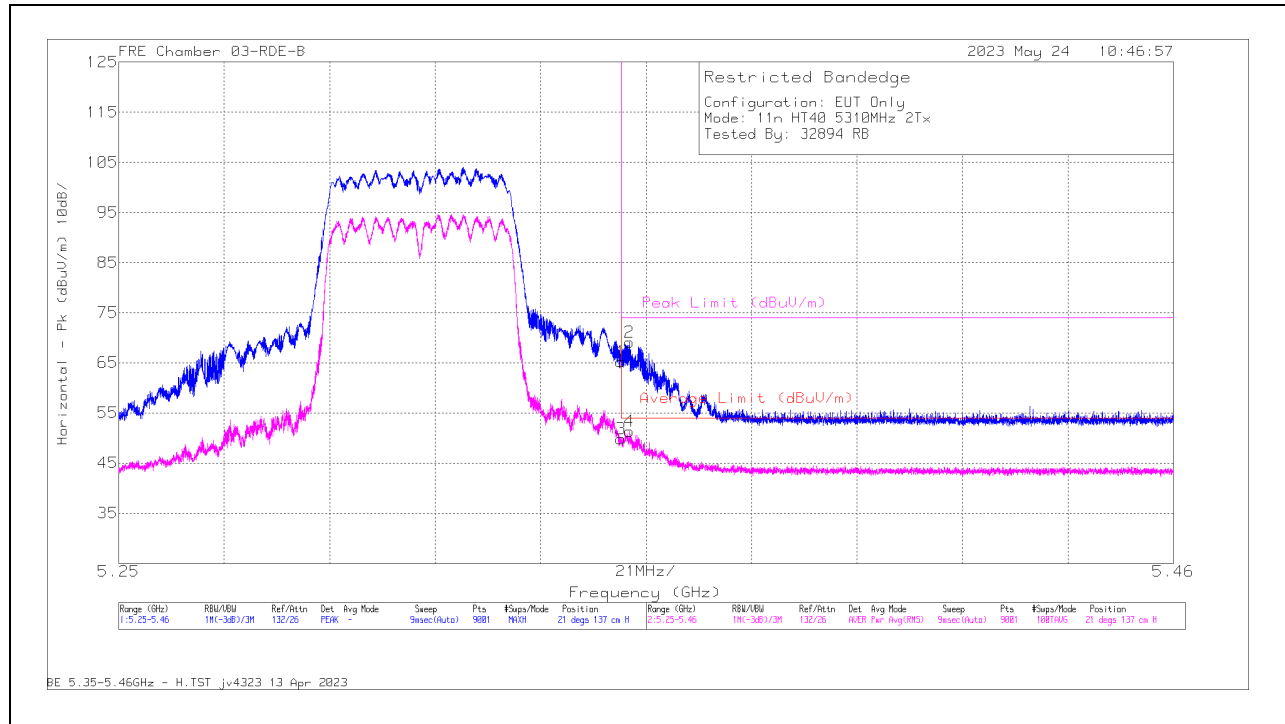
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	230300 ACF (dBm)	DCCF (dB)	Gain/Loss (dB)	Corrected Reading (dBuV)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 5.35	71.05	Pk	34.4	0	-39.6	69.85	-	-	74	-8.15	191	197	V
2	* 5.351102	73.44	Pk	34.4	0	-39.6	68.24	-	-	74	-5.76	191	197	V
3	* 5.35	54.22	RMS	34.4	.65	-39.6	49.67	54	-4.33	-	-	191	197	V
4	* 5.351195	55.71	RMS	34.4	.65	-39.6	51.16	54	-2.84	-	-	191	197	V

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

2TX Antenna 6 + Antenna 5 CDD MODE

BANDEDGE (HIGH CHANNEL)

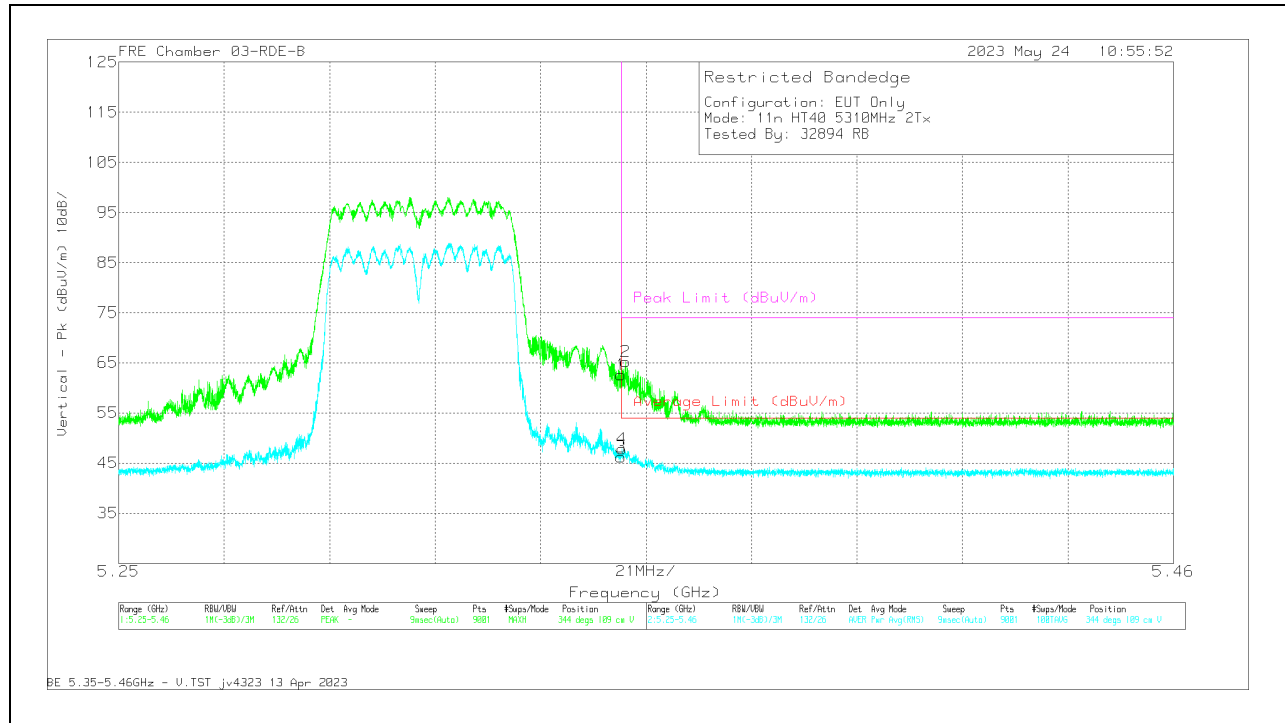
HORIZONTAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	230300 ACF (dB/m)	DCCF (dB)	Gain/Loss (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 5.35	70.49	Pk	34.4	0	-39.6	65.29	-	-	74	-8.71	21	137	H
2	* 5.351709	74.33	Pk	34.4	0	-39.6	69.13	-	-	74	-4.87	21	137	H
3	* 5.35	54.39	RMS	34.4	.65	-39.6	49.84	54	-4.16	-	-	21	137	H
4	* 5.351662	55.92	RMS	34.4	.65	-39.6	51.37	54	-2.63	-	-	21	137	H

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

VERTICAL RESULT

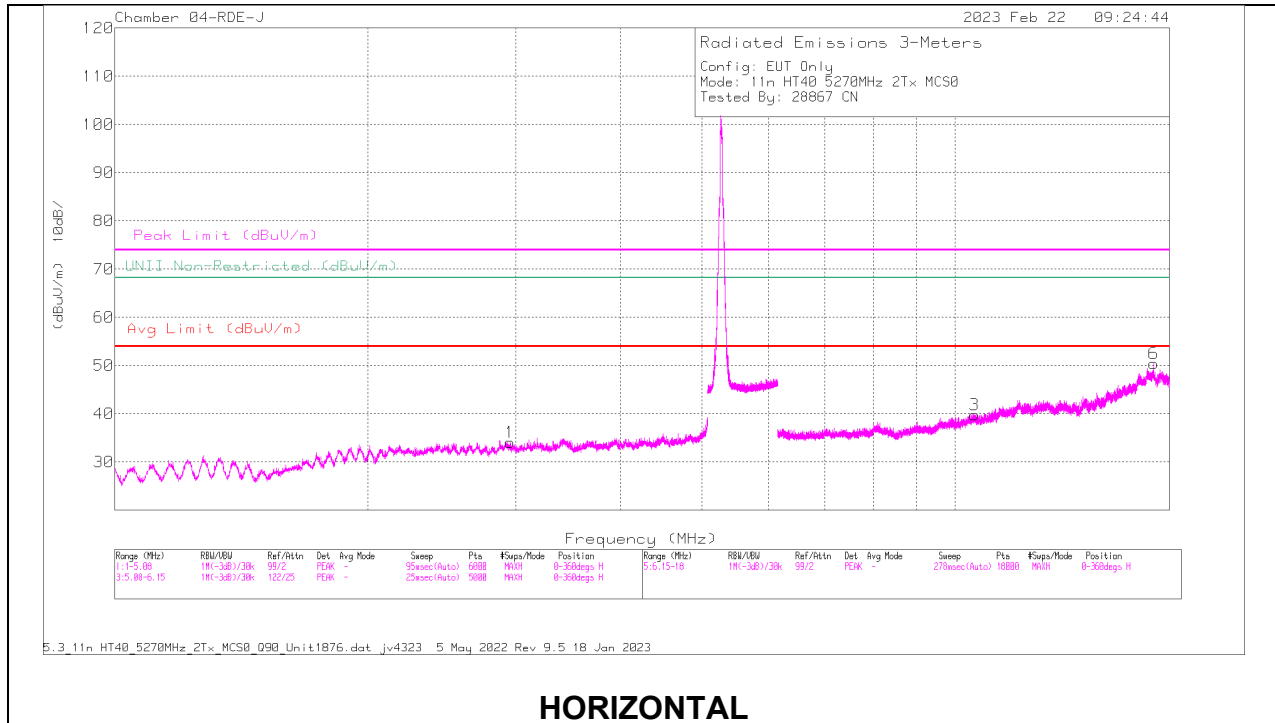


Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	23030 ACF (dB/m)	DCCF (dB)	Gain/Loss (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 5.35	67.81	Pk	34.4	0	-39.6	62.61	-	-	74	-11.39	344	109	V
2	* 5.350915	70.42	Pk	34.4	0	-39.6	65.22	-	-	74	-8.78	344	109	V
3	* 5.35	50.77	RMS	34.4	.65	-39.6	46.22	54	-7.78	-	-	344	109	V
4	* 5.350239	52.37	RMS	34.4	.65	-39.6	47.82	54	-6.18	-	-	344	109	V

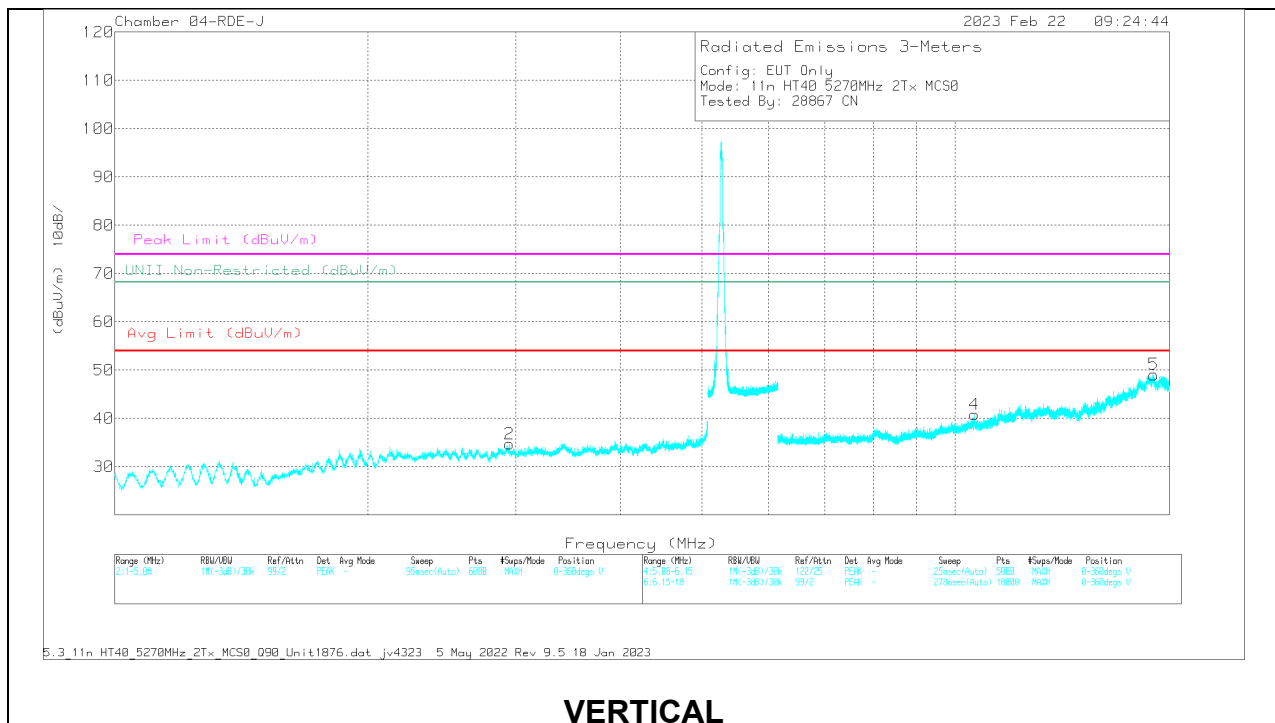
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band
 PK - Peak detector
 RMS - RMS detection

1.2.19. 5.3GHz, HT40 2TX HARMONICS AND SPURIOUS EMISSIONS

LOW CHANNEL RESULTS



HORIZONTAL



VERTICAL

RADIATED EMISSIONS

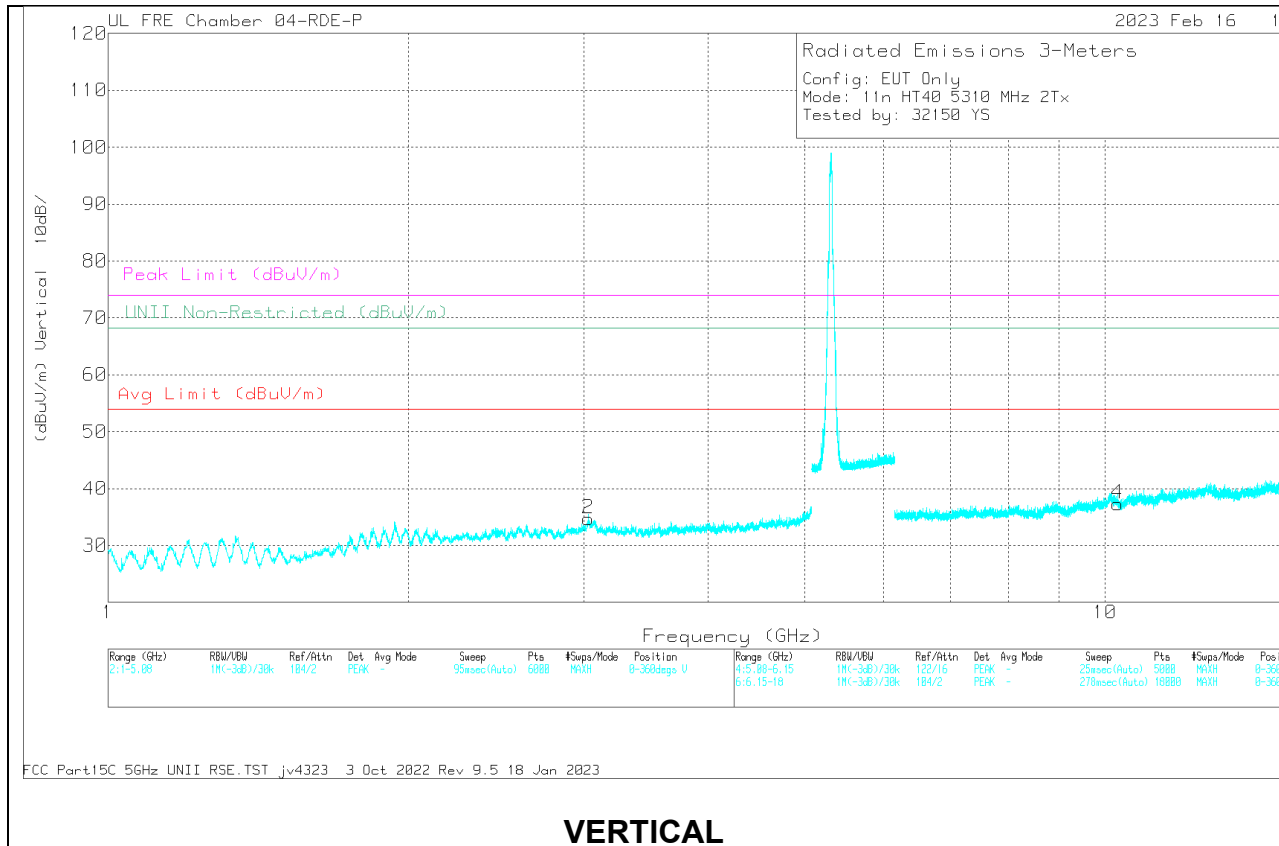
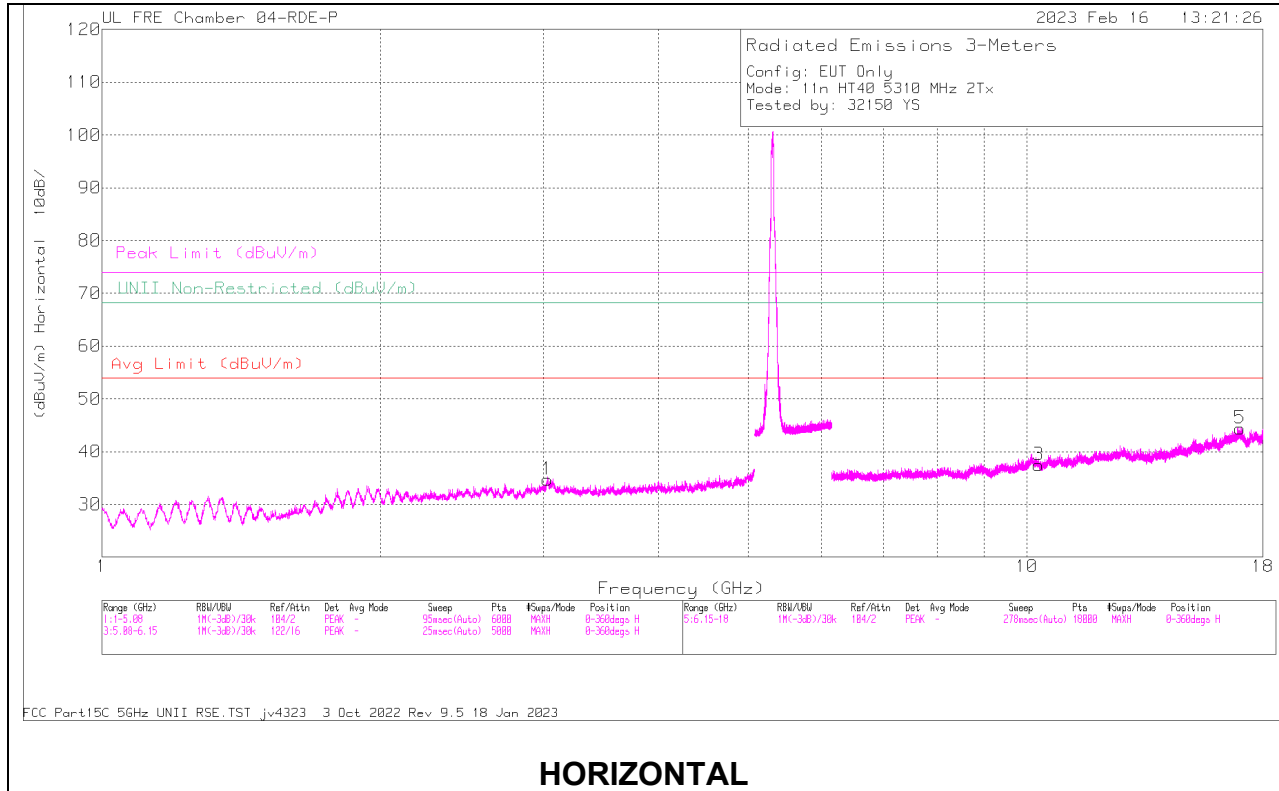
Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	222741 ACF(dB) - 3mH	Ampl/Cbl/Filtr (dB)	Corrected Reading (dBuV/m)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	2955.847	55.32	PK-U	32.7	-44.8	43.22	68.2	-24.98	360	100	H
2	2946.883	54.79	PK-U	32.7	-44.7	42.79	68.2	-25.41	360	199	V
3	10555.562	47.19	PK-U	37.5	-35.5	49.19	68.2	-19.01	360	100	H
6	17233.168	50.04	PK-U	42	-33.4	58.64	68.2	-9.56	44	283	H
4	10546.953	47.64	PK-U	37.5	-35.2	49.94	68.2	-18.26	44	200	V
5	17234.355	50.22	PK-U	42	-33.4	58.82	68.2	-9.38	305	378	V

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

PK-U - U-NII: Maximum Peak

ADR - U-NII AD primary method, RMS average

HIGH CHANNEL RESULTS



RADIATED EMISSIONS

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	222740 ACF(dB) - 3mH	Gain/Loss (dB)	Corrected Reading (dBuV/m)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
2	3.027064	59.91	PK-U	33.4	-47.84	45.47	68.2	-22.73	168	209	V
1	3.031551	59.3	PK-U	33.4	-47.78	44.92	68.2	-23.28	16	212	H
3	10.298713	56.62	PK-U	37.3	-45.36	48.56	68.2	-19.64	304	356	H
4	10.299261	56.4	PK-U	37.3	-45.39	48.31	68.2	-19.89	12	136	V
5	17.005193	53.32	PK-U	42.3	-42.29	53.33	68.2	-14.87	289	270	H
6	17.006461	53.08	PK-U	42.3	-42.25	53.13	68.2	-15.07	2	199	V

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

PK-U - U-NII: Maximum Peak

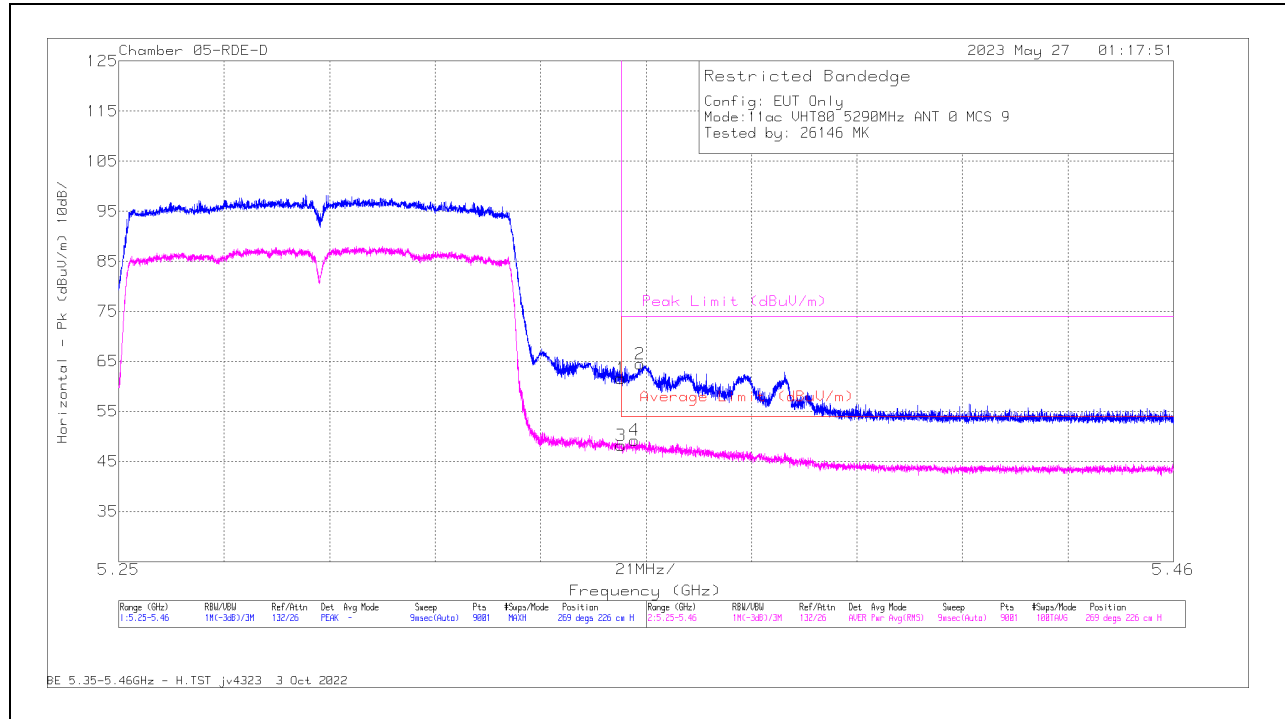
ADR - U-NII AD primary method, RMS average

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

1TX Antenna 6

BANDEDGE (MID CHANNEL)

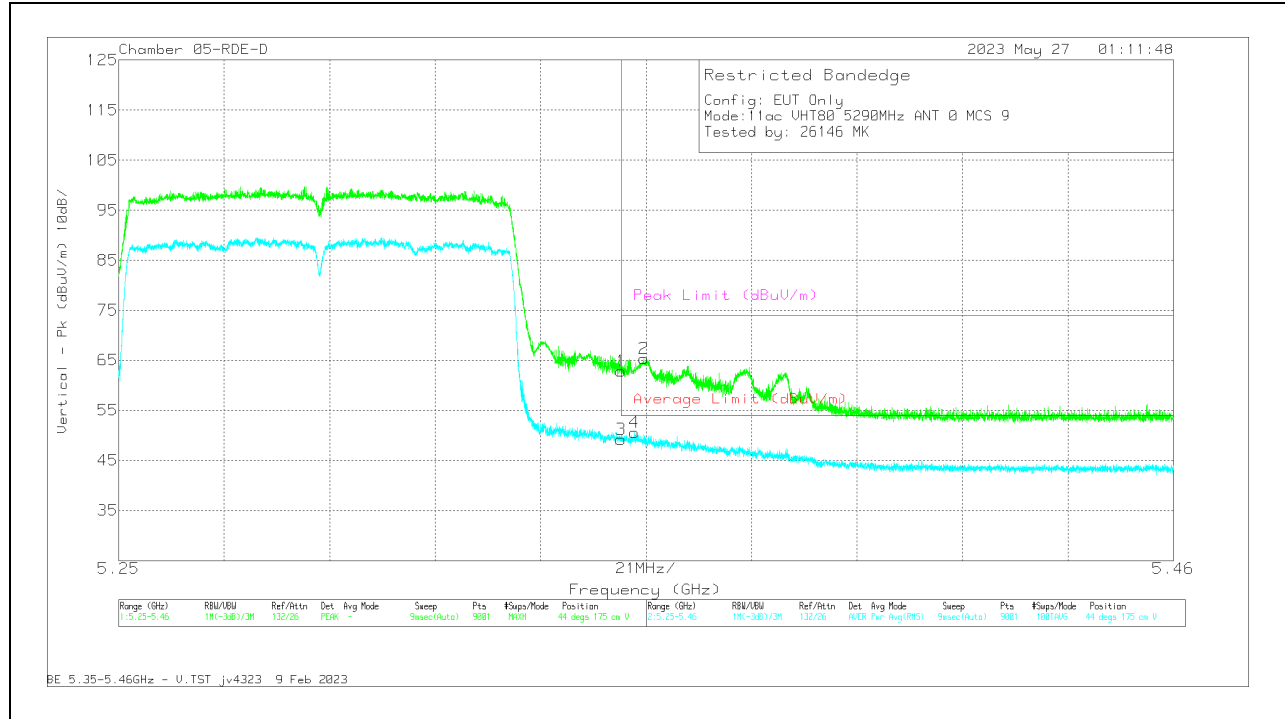
HORIZONTAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	80402 ACF(dB) - 3mH	DCCF (dB)	Gain/Loss (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.35	65.27	Pk	34.7	0	-38.42	61.55	-	-	74	-12.45	269	226	H
3	5.35	51.54	RMS	34.7	.95	-38.42	48.77	54	-5.234	-	-	269	226	H
4	5.352665	52.5	RMS	34.7	.95	-38.36	49.79	54	-4.21	-	-	269	226	H
2	5.353785	68.12	Pk	34.7	0	-38.34	64.48	-	-	74	-9.52	269	226	H

Pk - Peak detector
 RMS - RMS detection

VERTICAL RESULT



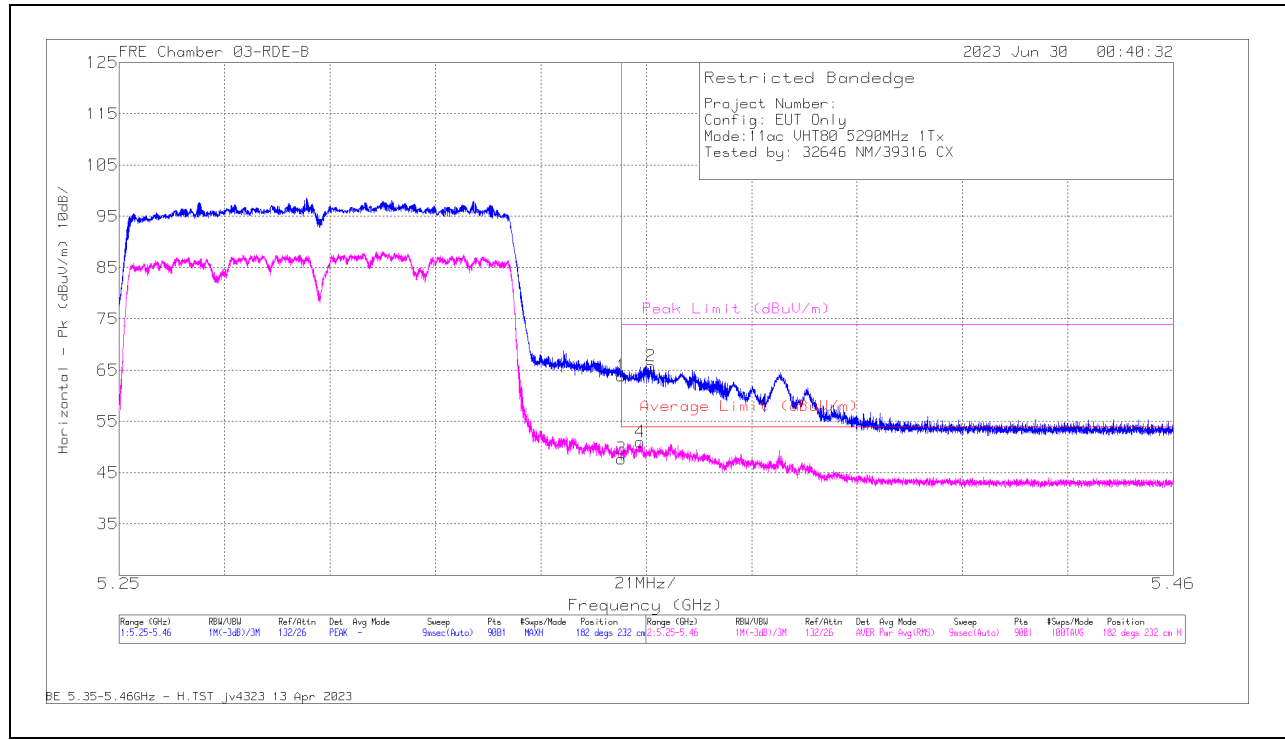
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	80402 ACF(dB) - 3mH	DCCF (dB)	Gain/Loss (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.35	66.61	Pk	34.7	0	-38.42	62.89	-	-	74	-11.11	44	175	V
3	5.35	52.54	RMS	34.7	.95	-38.42	49.77	54	-4.23	-	-	44	175	V
4	5.352735	53.77	RMS	34.7	.95	-38.36	51.06	54	-2.94	-	-	44	175	V
2	5.354579	69.04	Pk	34.7	0	-38.38	65.36	-	-	74	-8.64	44	175	V

Pk - Peak detector
RMS - RMS detection

1TX Antenna 5

BANDEDGE (MID CHANNEL)

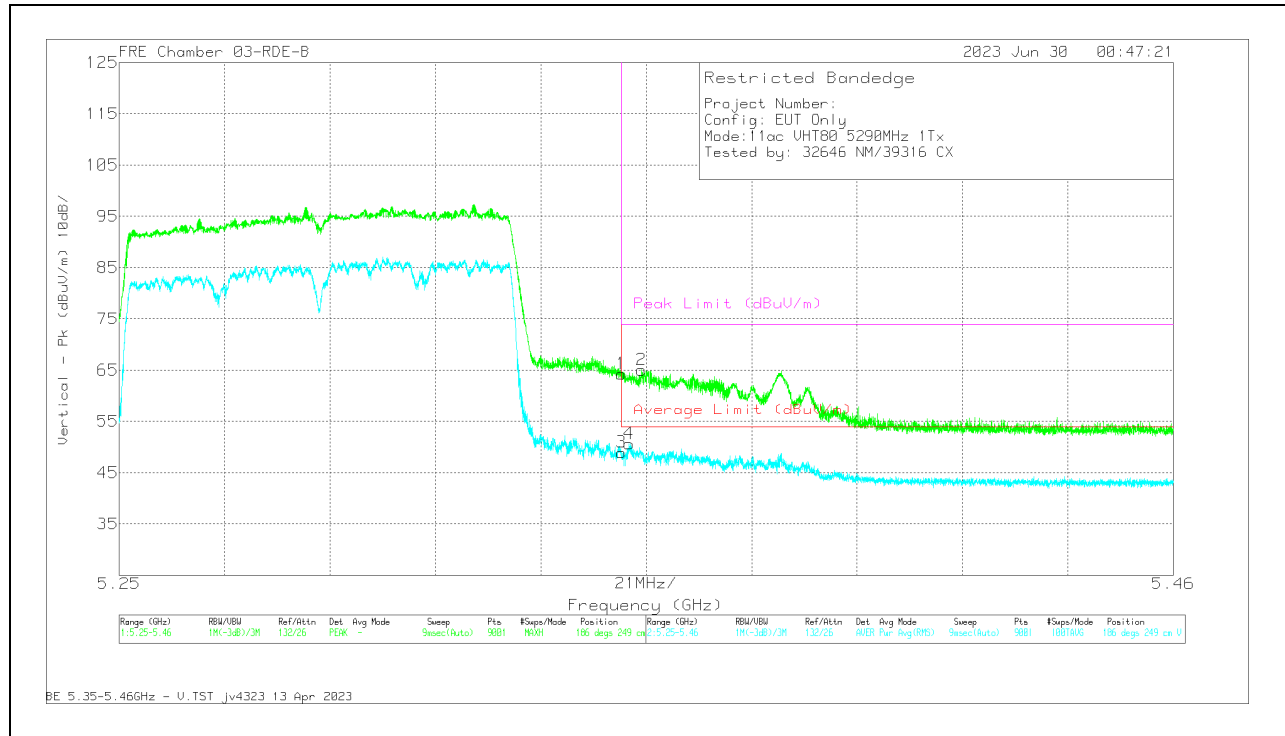
HORIZONTAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	230300 ACF (dB/m)	DCCF (dB)	Gain/Loss (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degrees)	Height (cm)	Polarity
1	* 5.35	69.08	Pk	34.4	0	-39.6	63.88	-	-	74	-10.12	182	232	H
2	5.35885	71.02	Pk	34.4	0	-39.6	65.82	-	-	74	-8.18	182	232	H
3	* 5.35	52.46	RMS	34.4	.95	-39.6	48.21	54	-5.79	-	-	182	232	H
4	5.353832	55.85	RMS	34.4	.95	-39.7	51.50	54	-2.50	-	-	182	232	H

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

VERTICAL RESULT



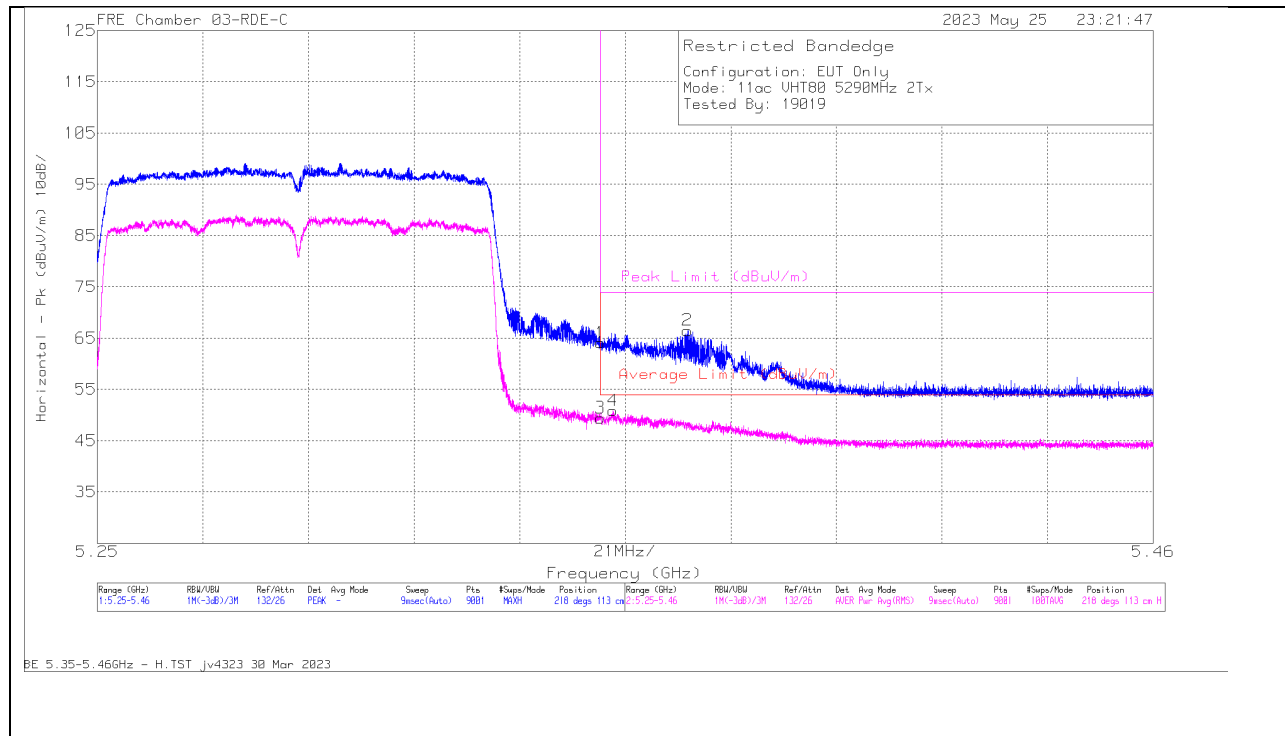
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	230300 ACF (dB/m)	DCCF (dB)	Gain/Loss (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 5.35	69.47	Pk	34.4	0	-39.6	64.27	-	-	74	-9.73	186	249	V
2	* 5.354089	70.34	Pk	34.4	0	-39.69	65.05	-	-	74	-8.95	186	249	V
3	* 5.35	53.72	RMS	34.4	.95	-39.6	49.47	54	-4.53	-	-	186	249	V
4	* 5.351592	55.42	RMS	34.4	.95	-39.6	51.17	54	-2.83	-	-	186	249	V

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

2TX Antenna 6 + Antenna 5 CDD MODE

BANDEDGE (MID CHANNEL)

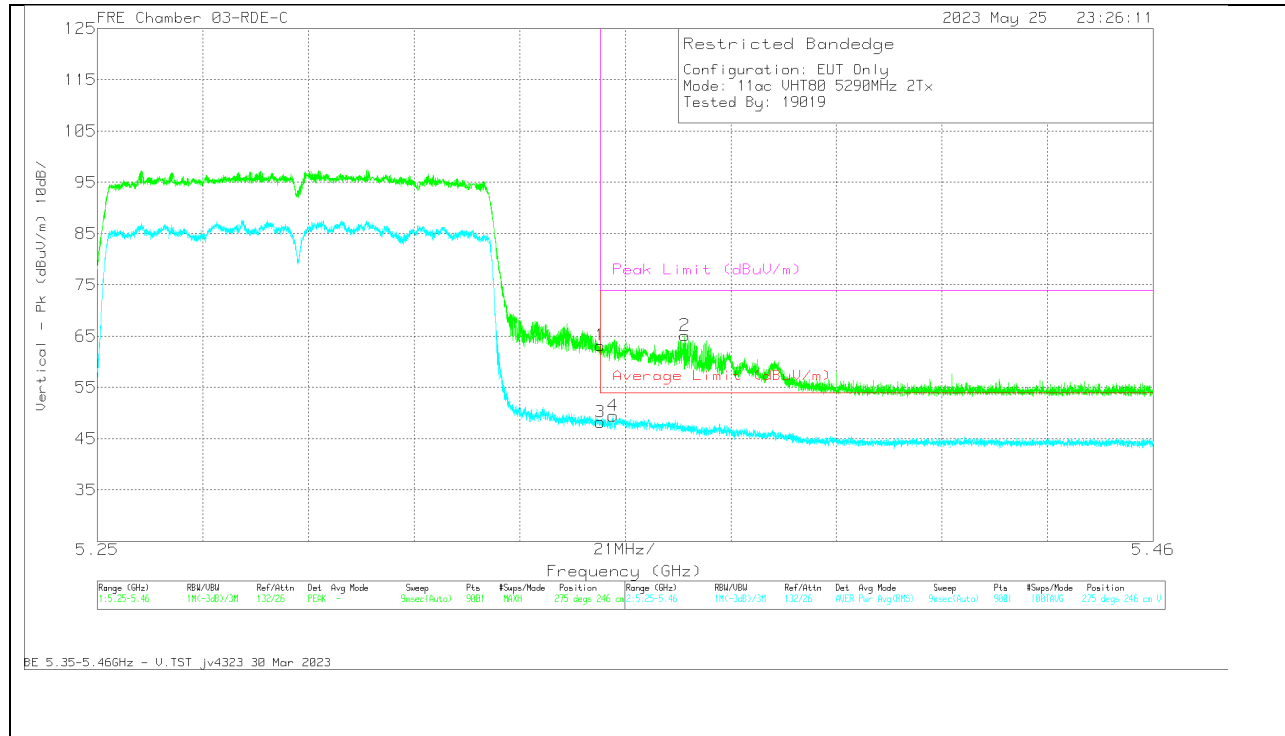
HORIZONTAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	22667 2 ACF (dB) 3mH	DCCF (dB)	Gain/Loss (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 5.35	67.62	Pk	34.5	0	-38	64.12	-	-	74	-9.88	218	113	H
2	* 5.367365	70.04	Pk	34.5	0	-38.04	66.5	-	-	74	-7.5	218	113	H
3	* 5.35	52.24	RMS	34.5	.95	-38	49.64	54	-4.36	-	-	218	113	H
4	* 5.352572	53.69	RMS	34.5	.95	-38.04	51.05	54	-2.95	-	-	218	113	H

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

VERTICAL RESULT

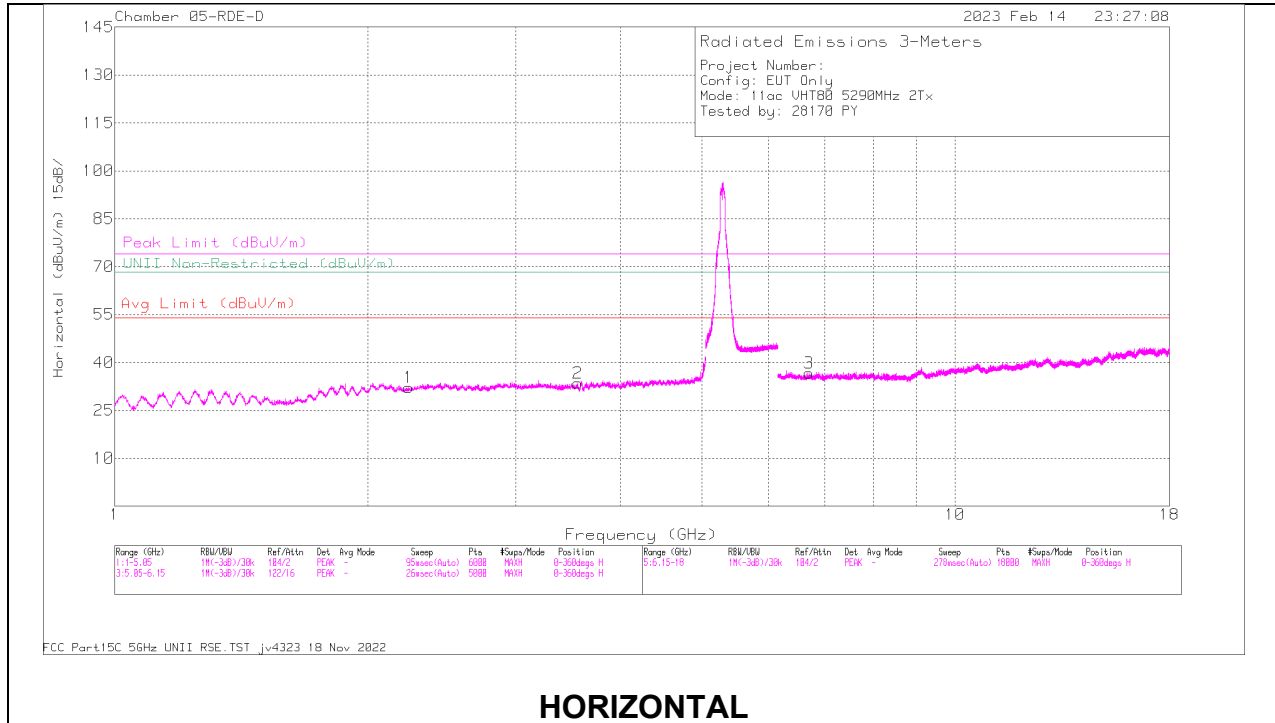


Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	22667 2 ACF (dB) 3mH	DCCF (dB)	Gain/Loss (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 5.35	66.69	Pk	34.5	0	-38	63.19	-	-	74	-10.81	275	246	V
2	* 5.366852	68.63	Pk	34.5	0	-38	65.13	-	-	74	-8.87	275	246	V
3	* 5.35	51.05	RMS	34.5	.95	-38	48.24	54	-5.76	-	-	275	246	V
4	* 5.352595	52.33	RMS	34.5	.95	-38.04	49.74	54	-4.26	-	-	275	246	V

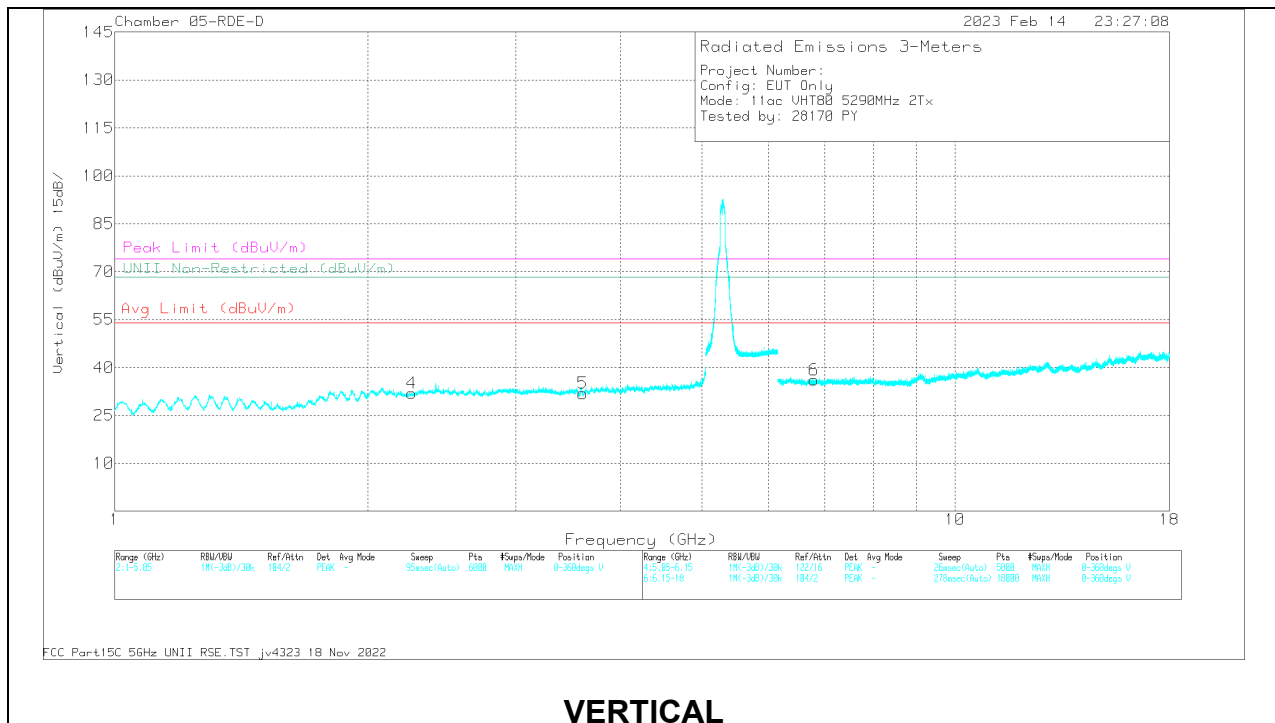
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band
 Pk - Peak detector
 RMS - RMS detection

1.2.21. 5.3GHz, VHT80 2TX HARMONICS AND SPURIOUS EMISSIONS

MID CHANNEL RESULTS



HORIZONTAL



VERTICAL

RADIATED EMISSIONS

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	80402 ACF(dB) - 3mH	Gain/Loss (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	* 2.238317	61.44	PK-U	31.6	-50.8	42.24	-	-	74	-31.76	-	-	0	101	H
	* 2.237445	49.54	ADR	31.6	-50.82	30.32	54	-23.68	-	-	-	-	0	101	H
2	* 3.556589	58.22	PK-U	33	-47.92	43.3	-	-	74	-30.7	-	-	0	101	H
	* 3.555262	46.55	ADR	33	-47.92	31.63	54	-22.37	-	-	-	-	0	101	H
4	* 2.257069	61.73	PK-U	31.7	-50.86	42.57	-	-	74	-31.43	-	-	0	200	V
	* 2.258194	49.9	ADR	31.7	-50.83	30.77	54	-23.23	-	-	-	-	0	200	V
5	* 3.60268	57.42	PK-U	33	-47.91	42.51	-	-	74	-31.49	-	-	0	101	V
	* 3.603456	45.7	ADR	33	-47.89	30.81	54	-23.19	-	-	-	-	0	101	V
3	6.701416	57.14	PK-U	35.7	-46.73	46.11	-	-	-	-	68.2	-22.09	0	101	H
	6.795093	57.21	PK-U	35.7	-47	45.91	-	-	-	-	68.2	-22.29	0	101	V

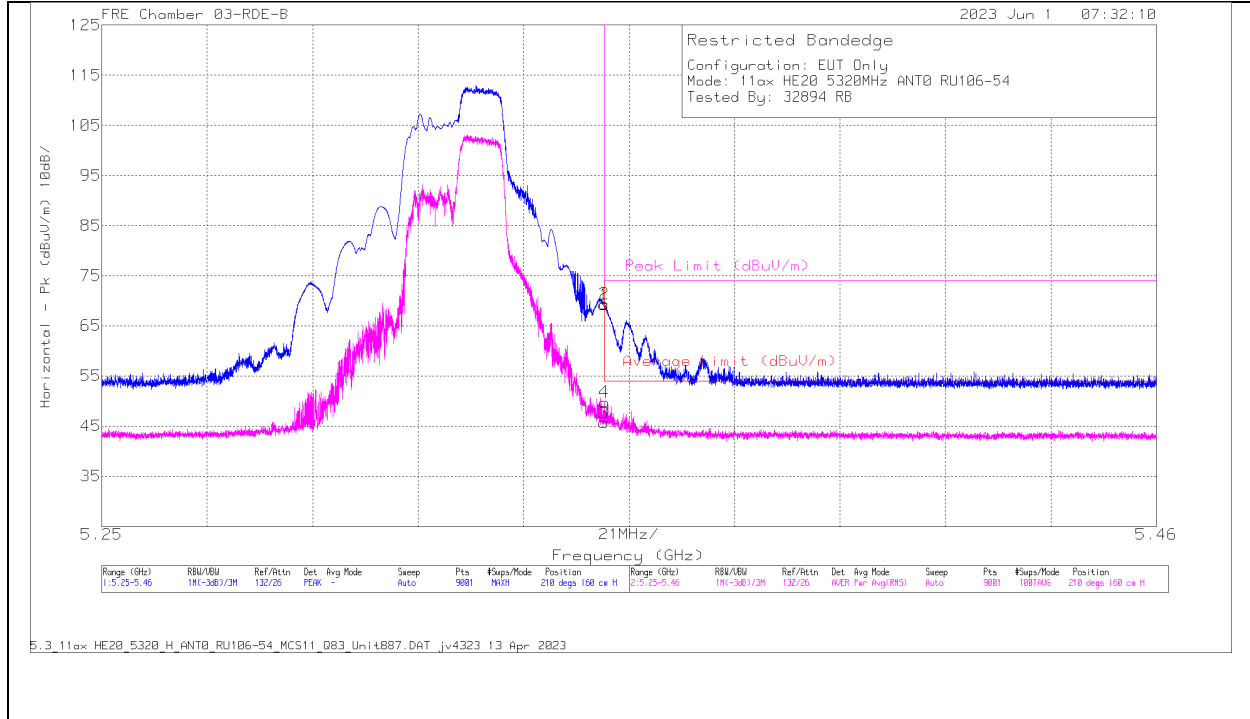
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band
 PK-U - U-NII: Maximum Peak
 ADR - U-NII AD primary method, RMS average

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

1TX Antenna 6 MODE: 106-Tones, RU Index 8

BANDEDGE (HIGH CHANNEL)

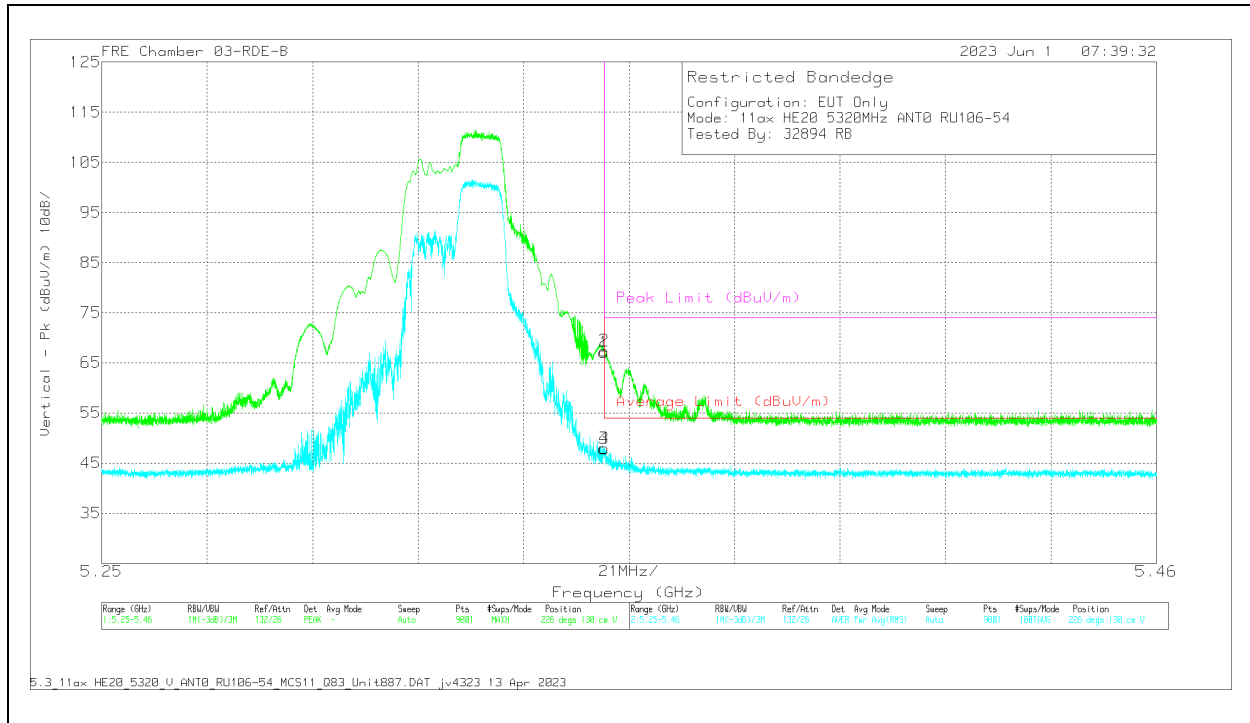
HORIZONTAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	230300 ACF (dB/m)	DCCF (dB)	Gain/Loss (dB)	Correct ed Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 5.35	74.48	Pk	34.4	0	-39.6	69.28	-	-	74	-4.72	210	160	H
2	* 5.350005	74.55	Pk	34.4	0	-39.6	69.35	-	-	74	-4.65	210	160	H
3	* 5.35	50.61	RMS	34.4	.11	-39.6	45.52	54	-8.48	-	-	210	160	H
4	* 5.350122	54.62	RMS	34.4	.11	-39.6	49.53	54	-4.47	-	-	210	160	H

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

VERTICAL RESULT



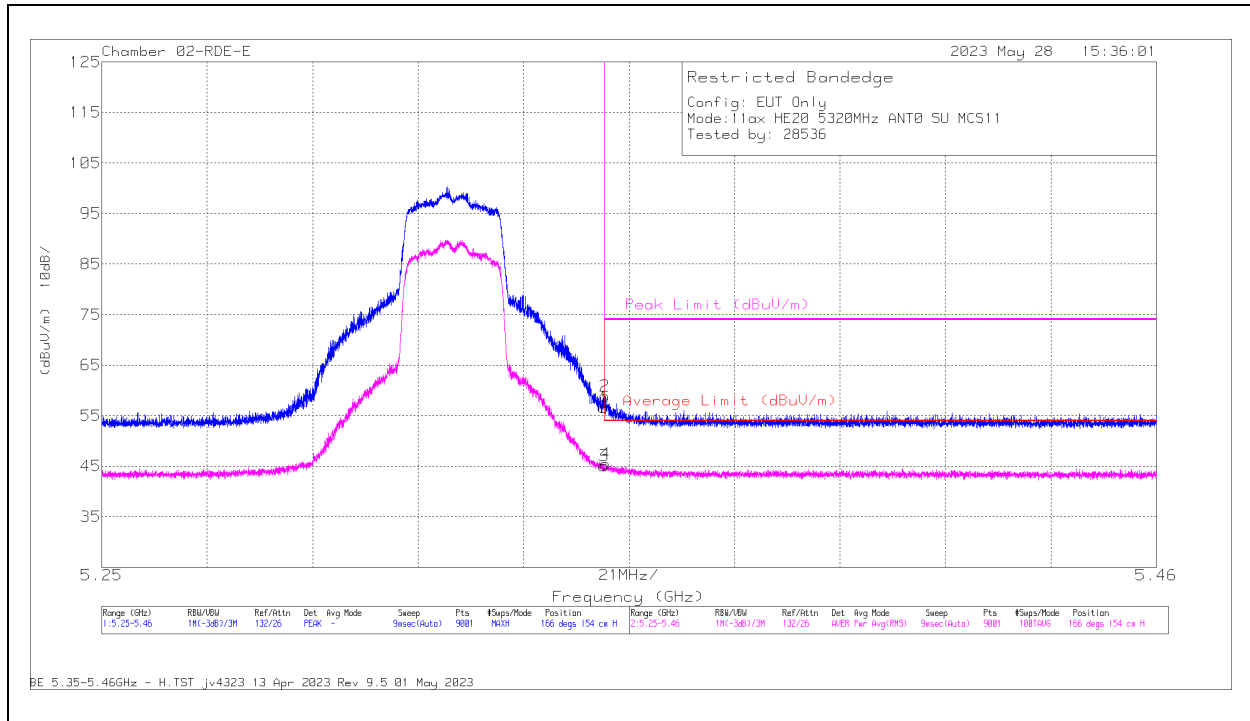
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	230300 ACF (dB/m)	DCCF (dB)	Gain/Loss (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 5.35	72.36	Pk	34.4	0	-39.6	67.16	-	-	74	-6.84	226	130	V
2	* 5.350075	72.62	Pk	34.4	0	-39.6	67.42	-	-	74	-6.58	226	130	V
3	* 5.35	52.75	RMS	34.4	.11	-39.6	47.66	54	-6.34	-	-	226	130	V
4	* 5.350005	52.76	RMS	34.4	.11	-39.6	47.67	54	-6.33	-	-	226	130	V

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

1TX Antenna 6 MODE: SU, Single User

BANDEDGE (HIGH CHANNEL)

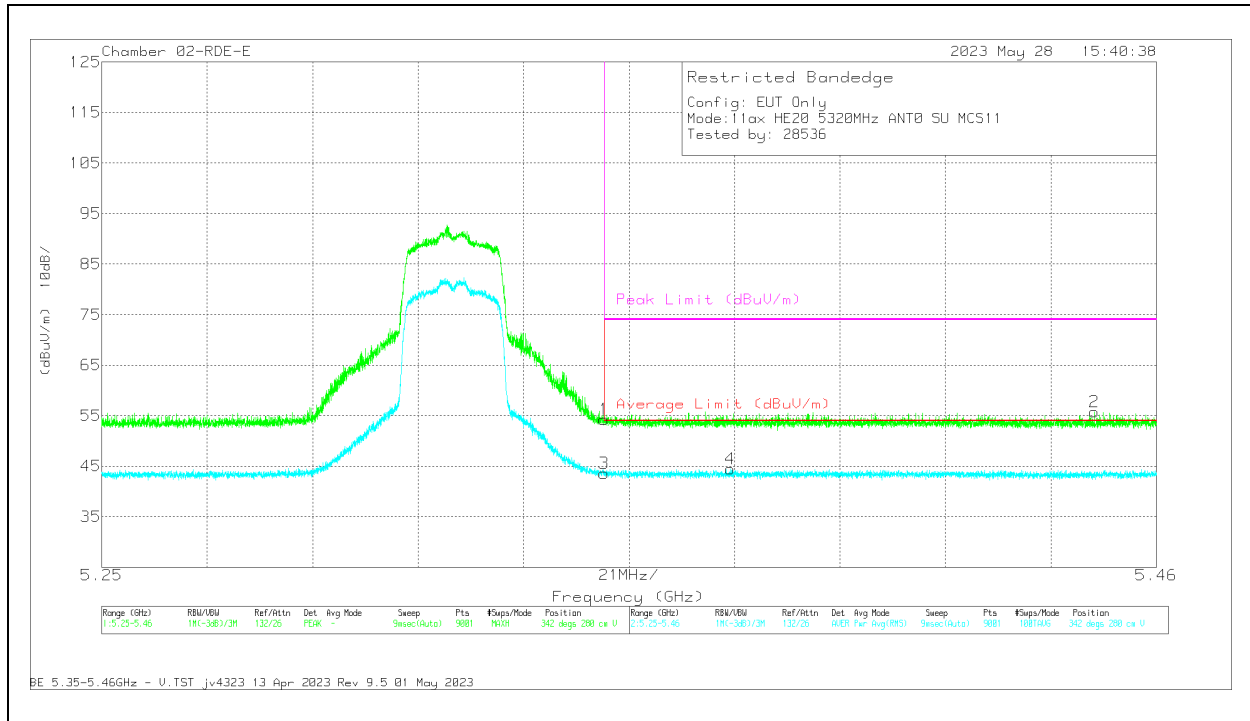
HORIZONTAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	20680 7 ACF (dB/m)	DCCF (dB)	Gain/Loss (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 5.35	59.77	Pk	34.5	0	-37.68	56.59	-	-	74	-17.41	166	154	H
2	* 5.350192	62.08	Pk	34.5	0	-37.68	58.9	-	-	74	-15.1	166	154	H
3	* 5.35	47.68	RMS	34.5	.58	-37.68	45.08	54	-8.92	-	-	166	154	H
4	* 5.350332	48.01	RMS	34.5	.58	-37.68	45.41	54	-8.59	-	-	166	154	H

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

VERTICAL RESULT



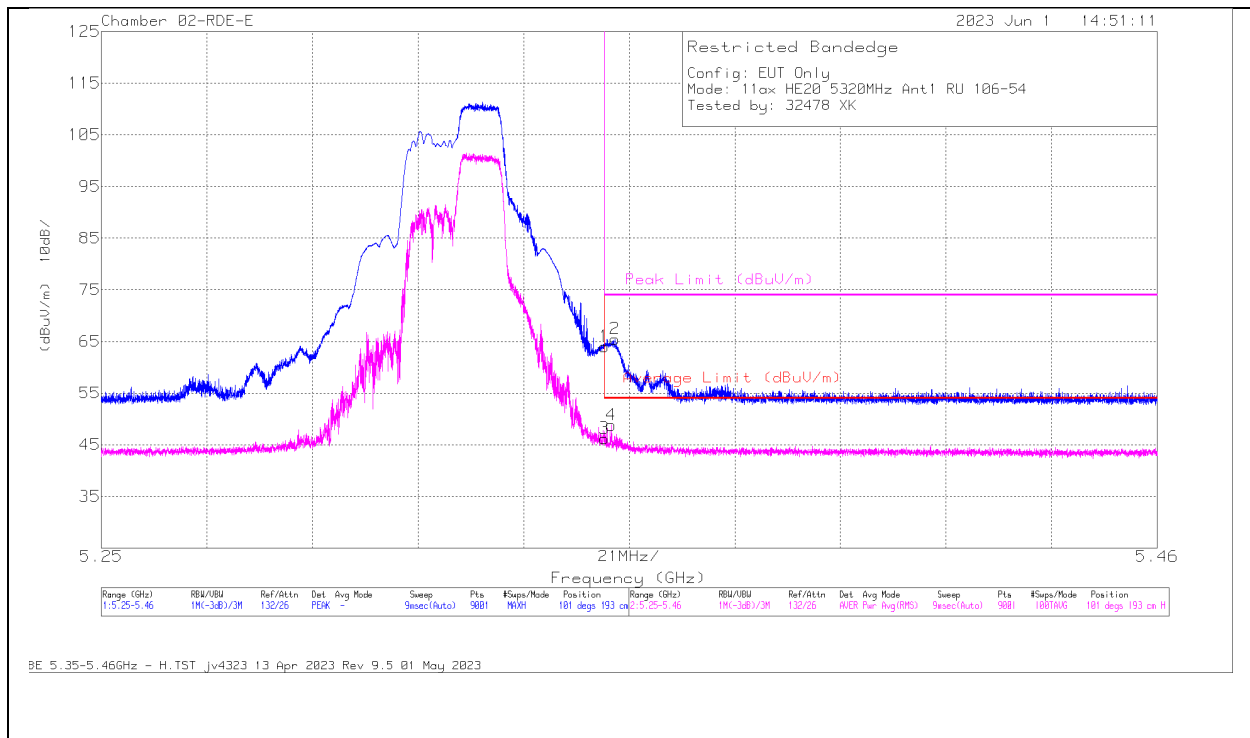
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	20680 7 ACF (dB/m)	DCCF (dB)	Gain/Loss (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 5.35	57.48	Pk	34.5	0	-37.68	54.3	-	-	74	-19.7	342	280	V
2	* 5.447654	58.89	Pk	34.4	0	-37.5	55.79	-	-	74	-18.21	342	280	V
3	* 5.35	46.19	RMS	34.5	.58	-37.68	43.59	54	-10.41	-	-	342	280	V
4	* 5.375135	46.9	RMS	34.5	.58	-37.57	44.41	54	-9.59	-	-	342	280	V

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

1TX Antenna 5 MODE: 106-Tones, RU Index 8

BANDEDGE (HIGH CHANNEL)

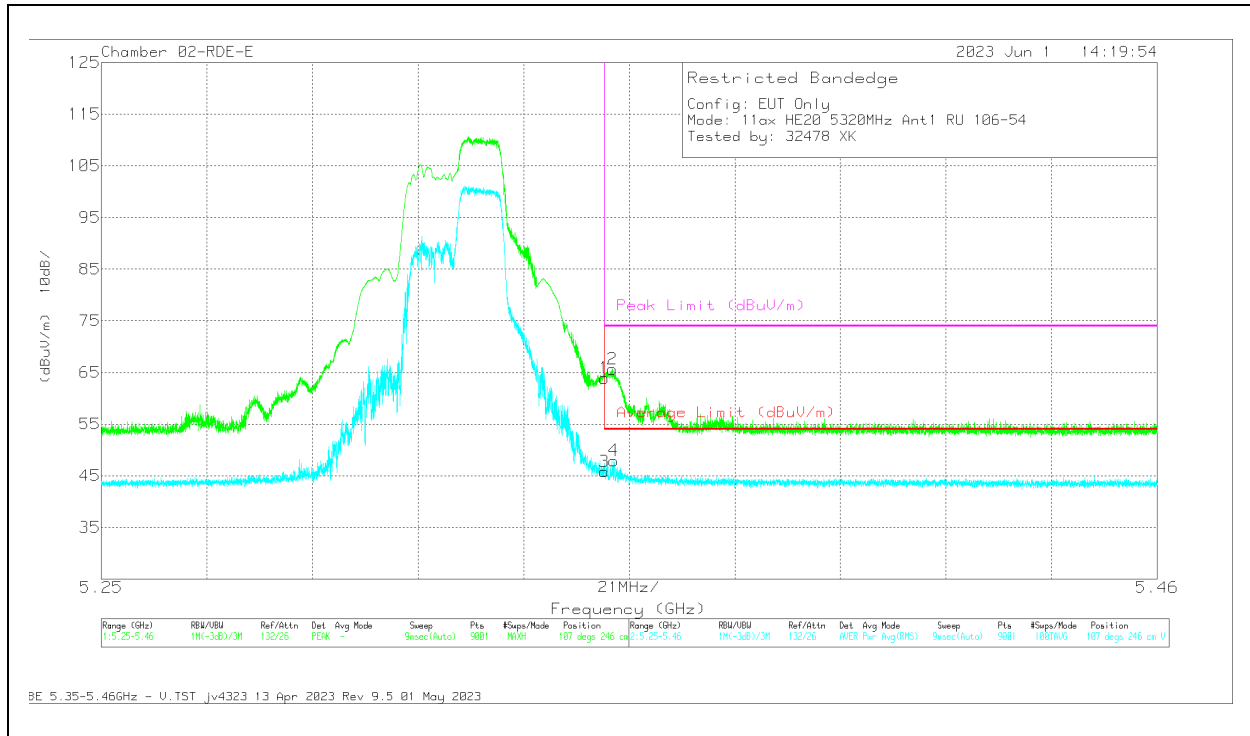
HORIZONTAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	206807 ACF (dB/m)	DCCF (dB)	Gain/Loss (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 5.35	67.2	Pk	34.5	0	-37.68	64.02	-	-	74	-9.98	101	193	H
2	* 5.352199	68.67	Pk	34.5	0	-37.69	65.48	-	-	74	-8.52	101	193	H
3	* 5.35	48.75	RMS	34.5	.11	-37.68	45.68	54	-8.32	-	-	101	193	H
4	* 5.351452	51.36	RMS	34.5	.11	-37.69	48.28	54	-5.72	-	-	101	193	H

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

VERTICAL RESULT



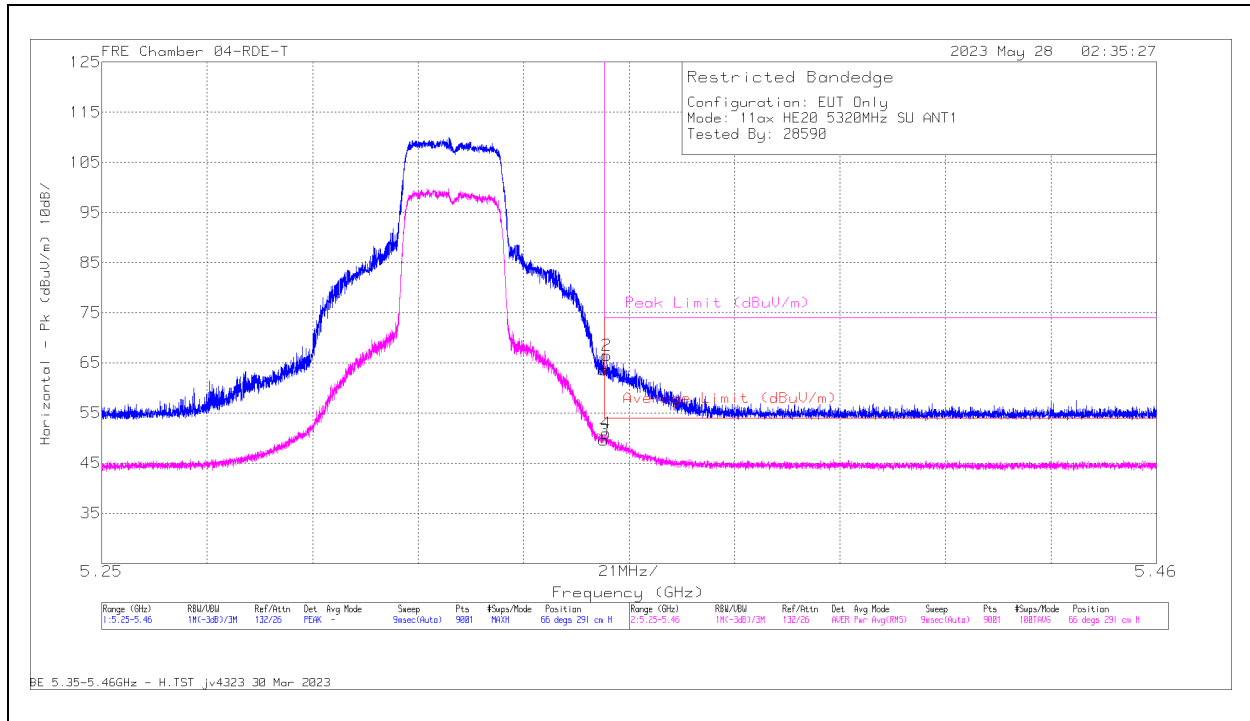
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	206807 ACF (dB/m)	DCCF (dB)	Gain/Loss (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 5.35	67.09	Pk	34.5	0	-37.68	63.91	-	-	74	-10.09	107	246	V
2	* 5.351709	68.81	Pk	34.5	0	-37.69	65.62	-	-	74	-8.38	107	246	V
3	* 5.35	48.34	RMS	34.5	.11	-37.68	45.27	54	-8.73	-	-	107	246	V
4	* 5.351942	50.47	RMS	34.5	.11	-37.69	47.39	54	-6.61	-	-	107	246	V

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

1TX Antenna 5 MODE: SU, Single User

BANDEDGE (HIGH CHANNEL)

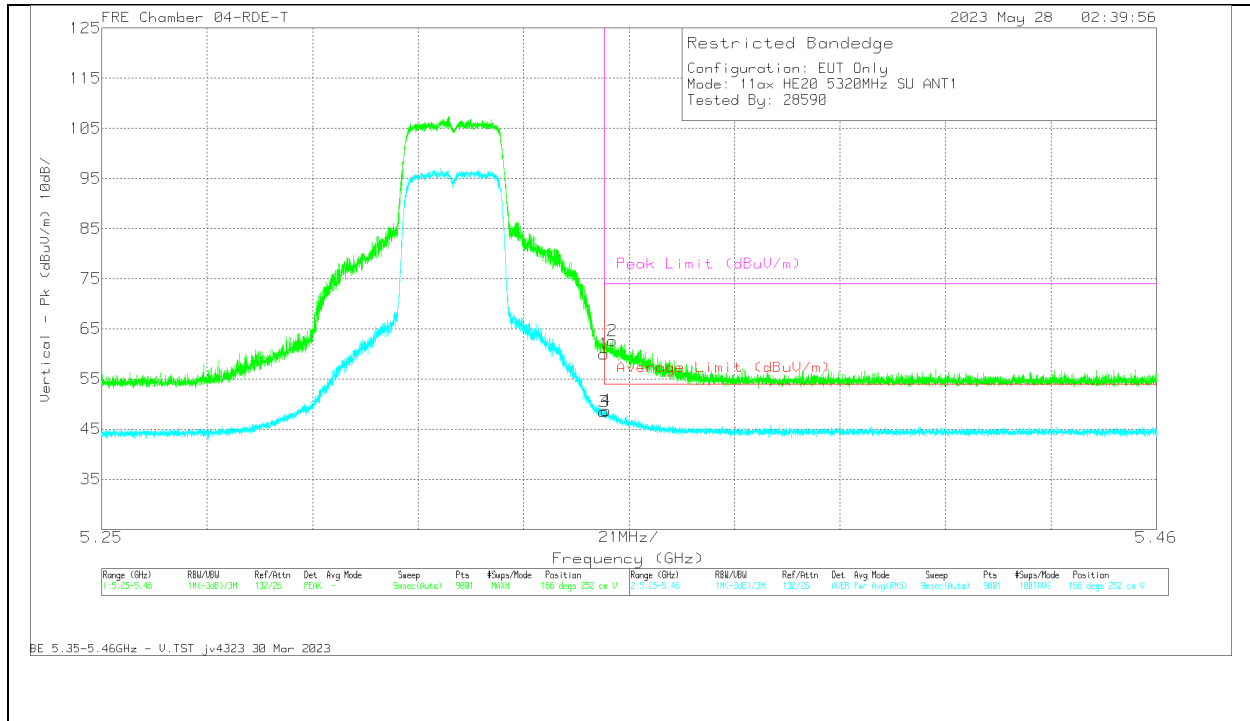
HORIZONTAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	22667 3 ACF (dB) 3mH	DCCF (dB)	Gain/Loss (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 5.35	64.44	Pk	34.5	0	-35.37	63.57	-	-	74	-10.43	66	291	H
2	* 5.350565	67.37	Pk	34.5	0	-35.37	66.5	-	-	74	-7.5	66	291	H
3	* 5.35	49.88	RMS	34.5	.58	-35.37	49.59	54	-4.41	-	-	66	291	H
4	* 5.350402	51.26	RMS	34.5	.58	-35.37	50.97	54	-3.03	-	-	66	291	H

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

VERTICAL RESULT



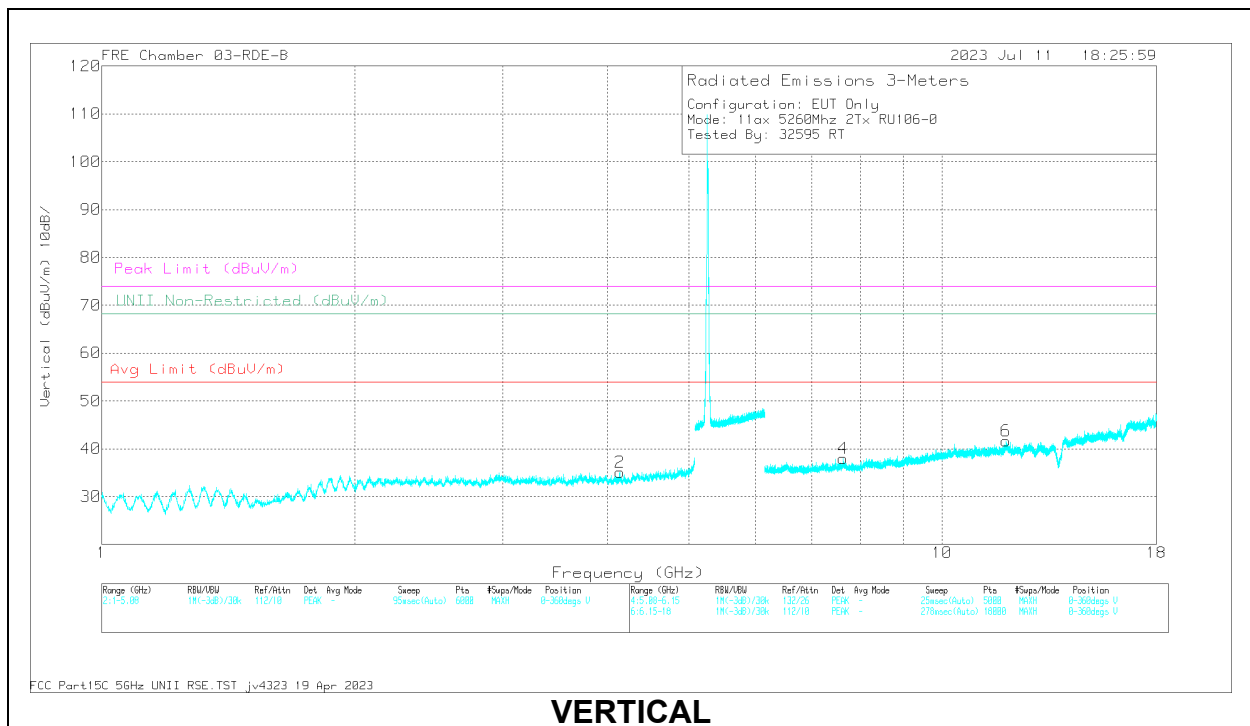
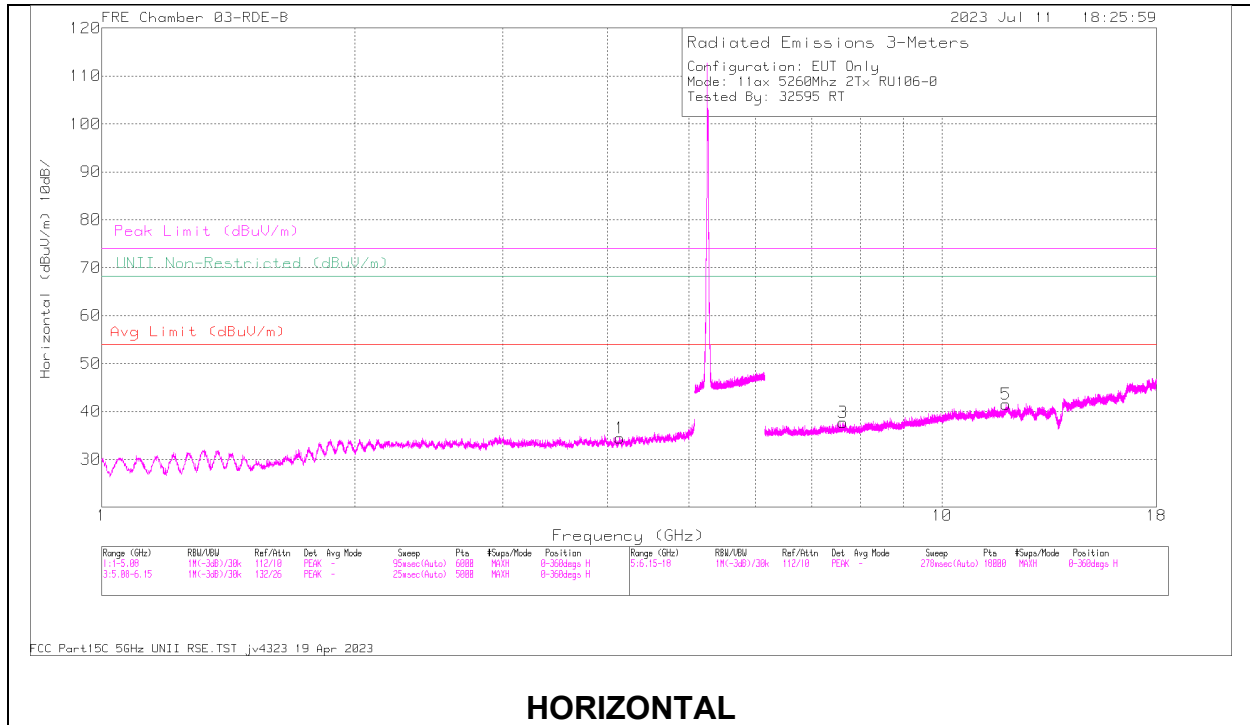
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	22667 3 ACF (dB) 3mH	DCCF (dB)	Gain/Loss (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 5.35	60.82	Pk	34.5	0	-35.37	59.95	-	-	74	-14.05	166	252	V
2	* 5.351709	63.46	Pk	34.5	0	-35.36	62.6	-	-	74	-11.4	166	252	V
3	* 5.35	48.76	RMS	34.5	.58	-35.37	48.47	54	-5.53	-	-	166	252	V
4	* 5.350472	48.95	RMS	34.5	.58	-35.37	48.66	54	-5.34	-	-	166	252	V

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

2TX Antenna 6 + Antenna 5 OFDMA MODE: 106-Tones, RU Index 0

1.2.23. 5.3GHz, 11ax HE20 RU106 2TX HARMONICS AND SPURIOUS EMISSIONS

LOW CHANNEL RESULTS

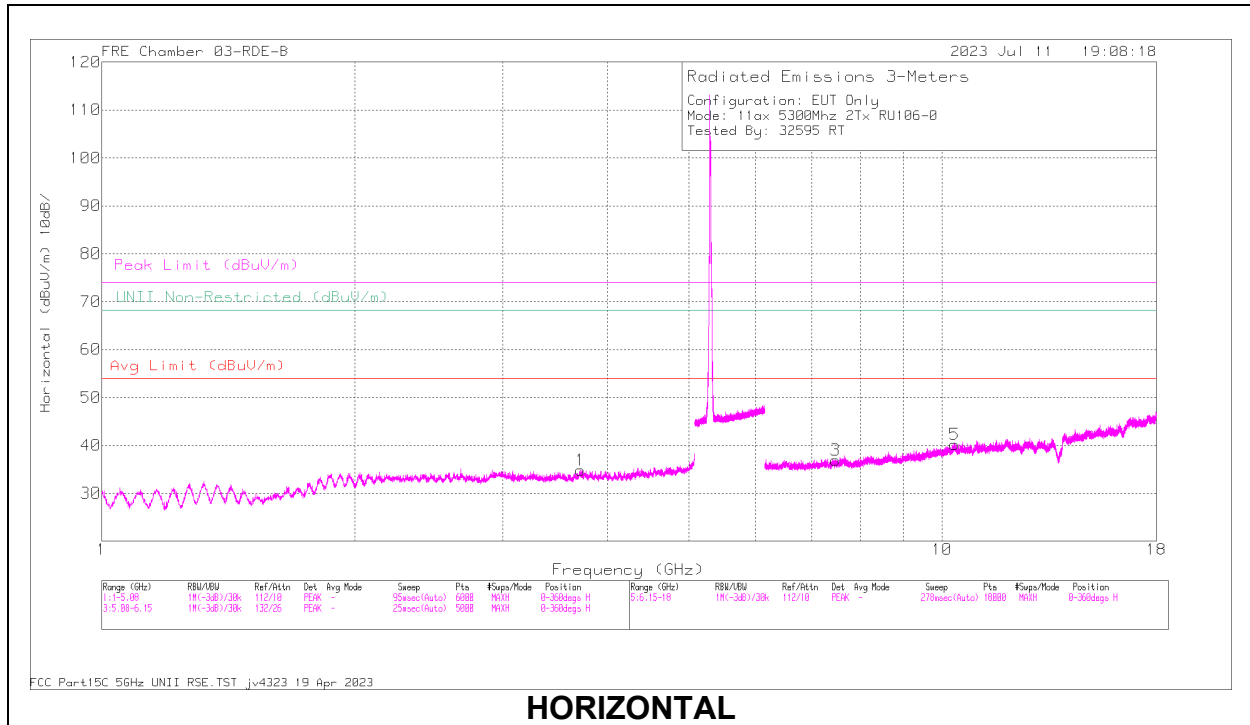


RADIATED EMISSIONS

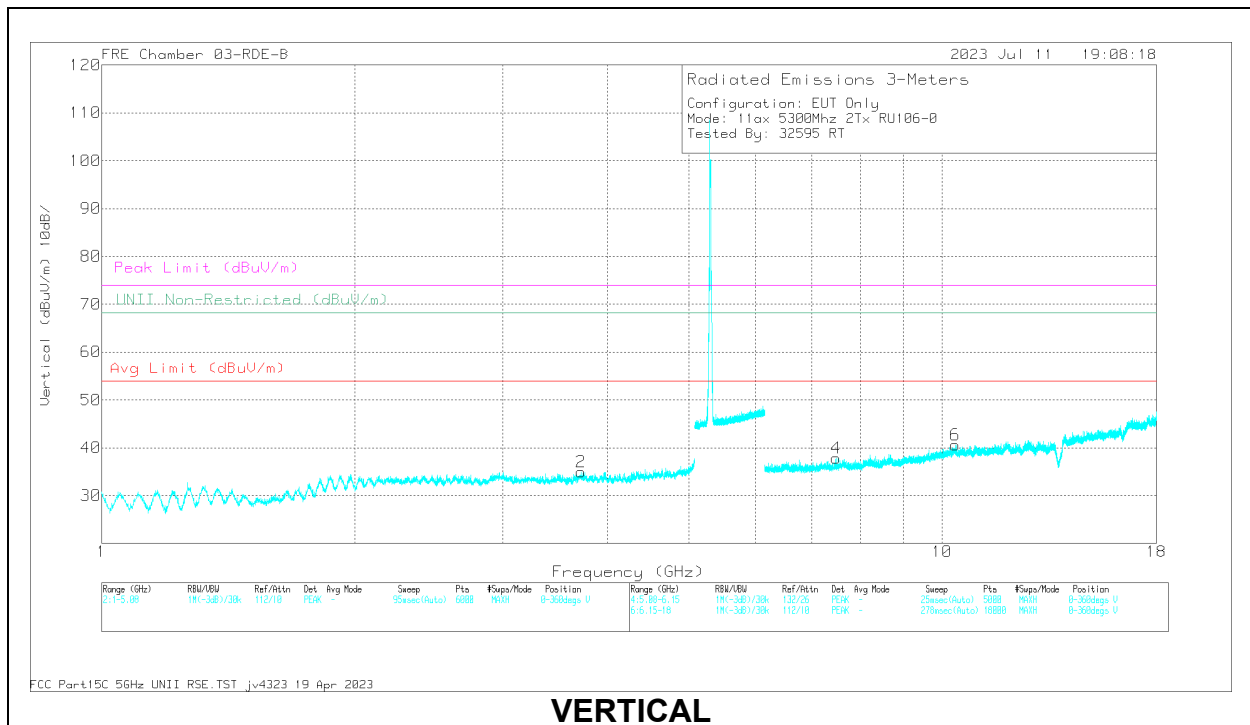
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	230300 ACF (dB/m)	Gain/Loss (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 4.138499	58.64	PK-U	33.5	-47.9	44.24	-	-	74	-29.76	208	371	H
	* 4.136509	47.07	ADR	33.5	-48	32.57	54	-21.43	-	-	208	371	H
2	* 4.137743	58.76	PK-U	33.5	-47.93	44.33	-	-	74	-29.67	155	349	V
	* 4.138389	46.96	ADR	33.5	-47.9	32.56	54	-21.44	-	-	155	349	V
3	* 7.620809	58.28	PK-U	35.9	-46.72	47.46	-	-	74	-26.54	347	228	H
	* 7.621843	46.4	ADR	35.9	-46.7	35.60	54	-18.25	-	-	347	228	H
5	* 11.912404	56.87	PK-U	38.6	-45.84	49.63	-	-	74	-24.37	110	142	H
	* 11.912392	45.22	ADR	38.6	-45.84	37.98	54	-16.02	-	-	110	142	H
4	* 7.62544	57.95	PK-U	35.9	-46.64	47.21	-	-	74	-26.79	274	121	V
	* 7.625115	46.34	ADR	35.9	-46.61	35.63	54	-18.37	-	-	274	121	V
6	* 11.918181	56.7	PK-U	38.6	-45.8	49.5	-	-	74	-24.5	284	111	V
	* 11.919789	45.16	ADR	38.6	-45.8	37.96	54	-16.04	-	-	284	111	V

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

MID CHANNEL RESULTS



HORIZONTAL



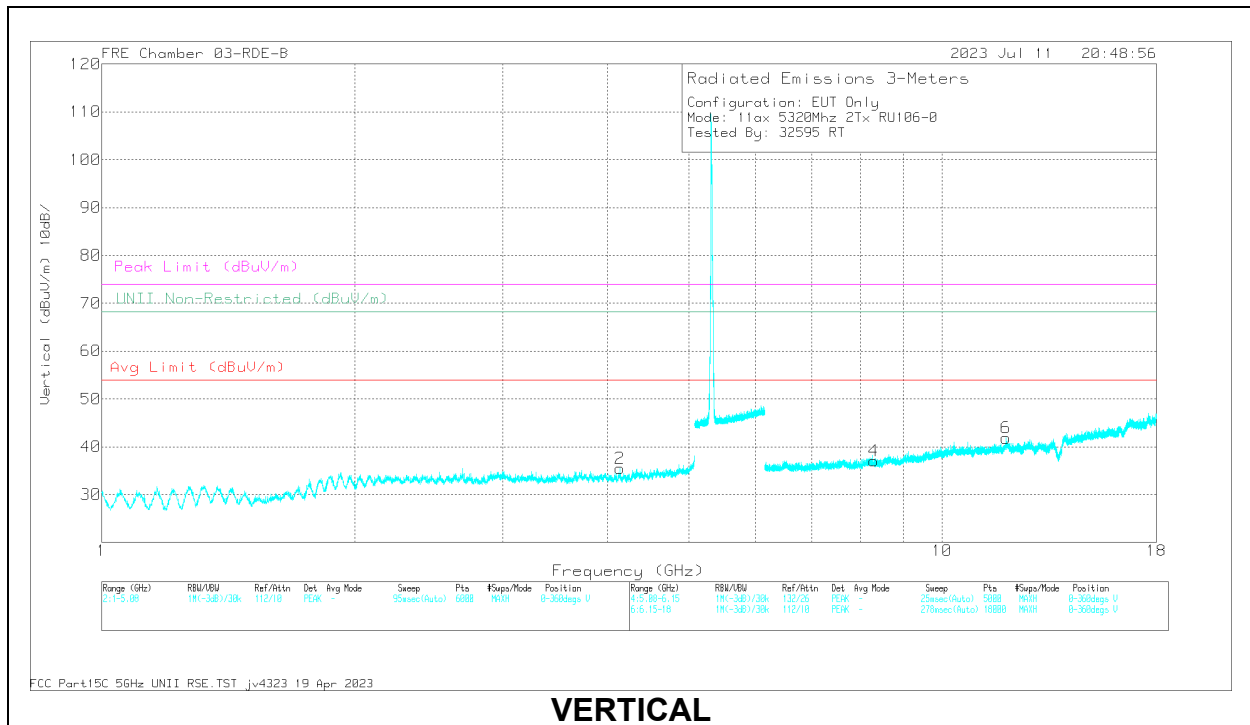
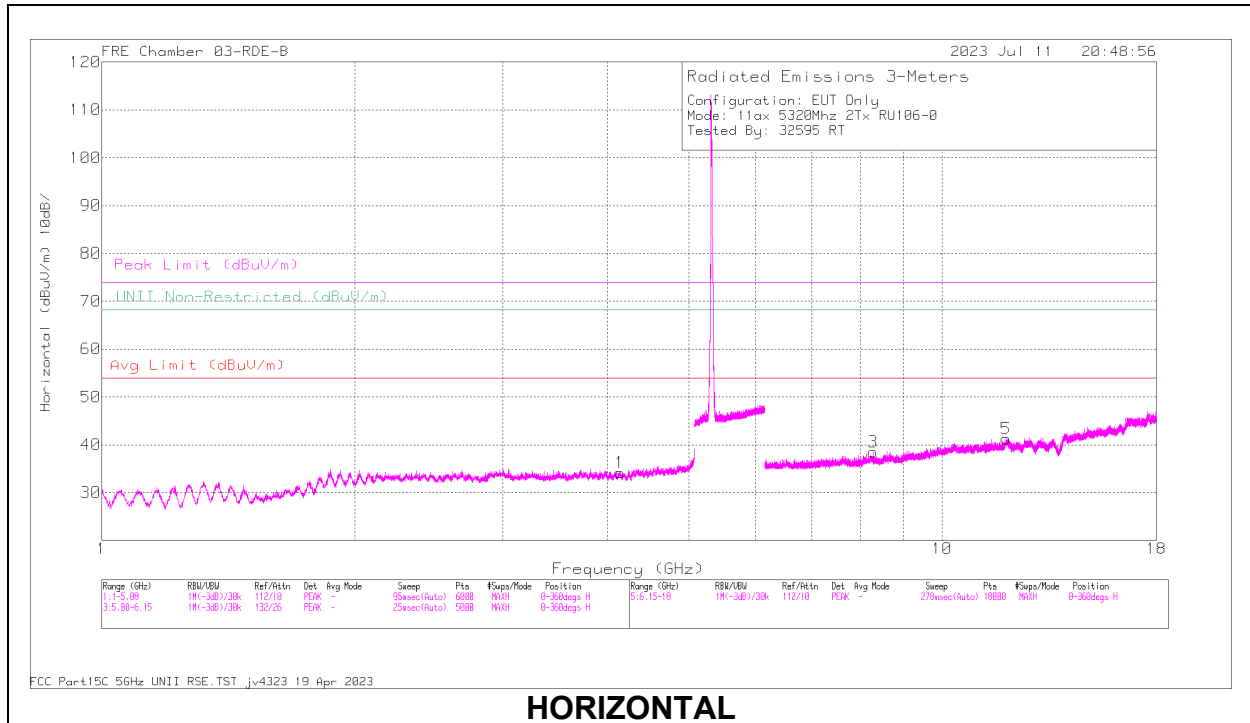
VERTICAL

RADIATED EMISSIONS

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	230300 ACF (dB/m)	Gain/Loss (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	* 3.713827	58.95	PK-U	33.5	-47.9	44.55	-	-	74	-29.45	-	-	39	344	H
	* 3.713727	47.14	ADR	33.5	-47.9	32.74	54	-21.26	-	-	-	-	39	344	H
2	* 3.720231	59.13	PK-U	33.5	-47.72	44.91	-	-	74	-29.09	-	-	164	354	V
	* 3.718733	46.98	ADR	33.5	-47.8	32.68	54	-21.32	-	-	-	-	164	354	V
3	* 7.476803	57.87	PK-U	35.9	-47.6	46.17	-	-	74	-27.83	-	-	209	193	H
	* 7.475335	46.89	ADR	35.9	-47.53	35.26	54	-18.74	-	-	-	-	209	193	H
4	* 7.475613	58.03	PK-U	35.9	-47.56	46.37	-	-	74	-27.63	-	-	5	105	V
	* 7.476879	46.67	ADR	35.9	-47.6	34.97	54	-18.03	-	-	-	-	5	105	V
5	10.356192	58.78	PK-U	37.8	-47.48	49.1	-	-	-	-	68.2	-19.1	219	177	H
6	10.365126	59.12	PK-U	37.8	-47.41	49.51	-	-	-	-	68.2	-18.69	126	331	V

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

HIGH CHANNEL RESULTS



RADIATED EMISSIONS

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	230300 ACF (dB/m)	Gain/Loss (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 4.142572	59.18	PK-U	33.5	-47.94	44.74	-	-	74	-29.26	358	154	H
	* 4.142905	46.8	ADR	33.5	-47.76	32.54	54	-21.46	-	-	358	154	H
2	* 4.134595	58.43	PK-U	33.5	-47.94	43.99	-	-	74	-30.01	126	363	V
	* 4.133003	47.16	ADR	33.5	-48	32.66	54	-21.34	-	-	126	363	V
3	* 8.28217	57.28	PK-U	36.1	-46.52	46.86	-	-	74	-27.14	178	357	H
	* 8.283202	46.12	ADR	36.1	-46.6	35.62	54	-18.38	-	-	178	357	H
5	* 11.926649	56.62	PK-U	38.6	-45.84	49.38	-	-	74	-24.62	235	262	H
	* 11.925728	44.98	ADR	38.6	-45.87	37.71	54	-16.29	-	-	235	262	H
4	* 8.288355	57.56	PK-U	36.1	-46.4	47.26	-	-	74	-26.74	91	400	V
	* 8.286897	46	ADR	36.1	-46.5	35.60	54	-18.40	-	-	91	400	V
6	* 11.917043	56.42	PK-U	38.6	-45.8	49.22	-	-	74	-24.78	207	134	V
	* 11.916091	45.01	ADR	38.6	-45.8	37.81	54	-16.19	-	-	207	134	V

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

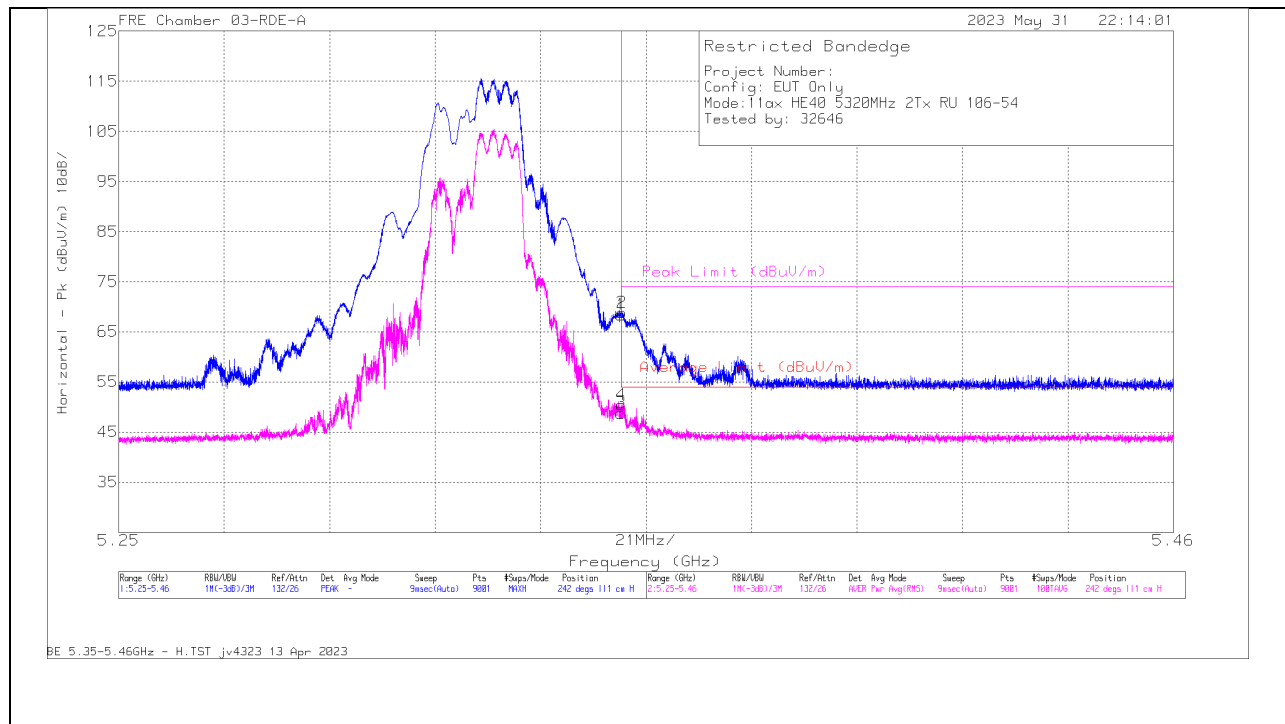
PK-U - U-NII: Maximum Peak

ADR - U-NII AD primary method, RMS average

2TX Antenna 6 + Antenna 5 OFDMA MODE: 106-Tones, RU Index 8

BANDEDGE (HIGH CHANNEL)

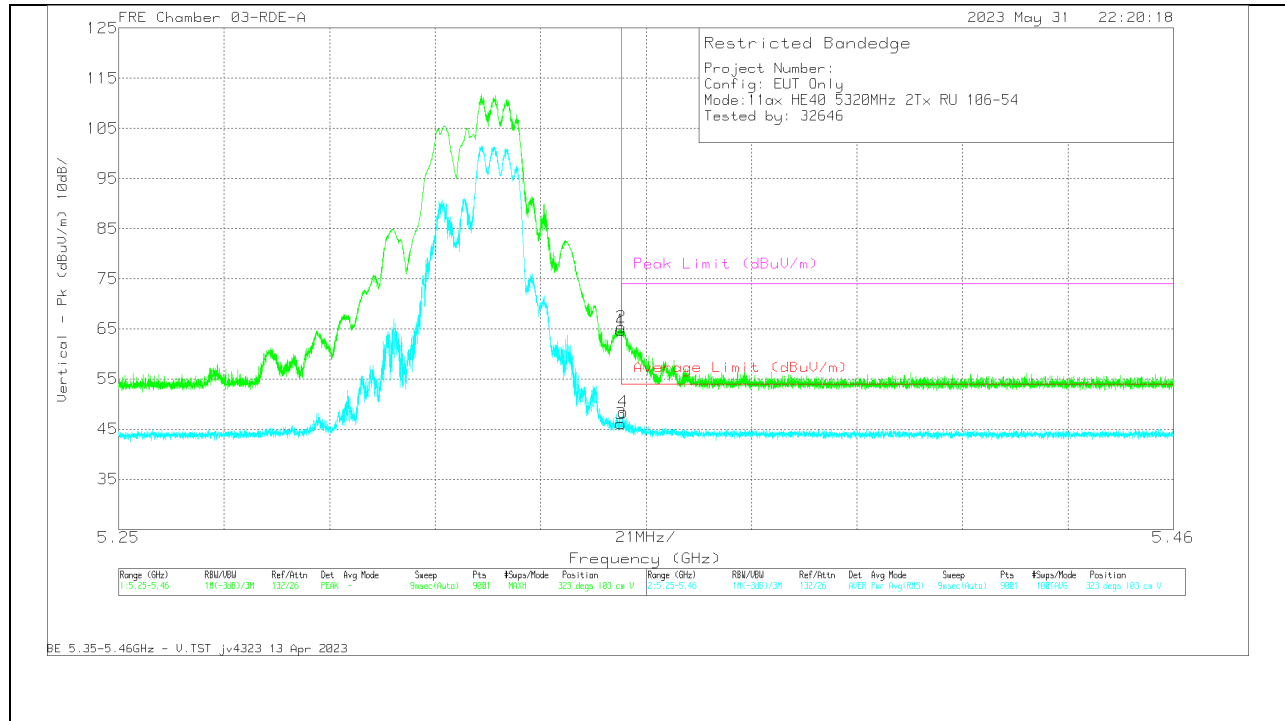
HORIZONTAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	23029 9 ACF (dB/m)	DCCF (dB)	Gain/Loss (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 5.35	71.99	PK	34.9	0	-38.46	68.43	-	-	74	-5.57	242	111	H
2	* 5.350145	72.42	PK	34.9	0	-38.46	68.86	-	-	74	-5.14	242	111	H
3	* 5.35	51.82	RMS	34.9	.15	-38.46	48.41	54	-5.69	-	-	242	111	H
4	* 5.350075	53.56	RMS	34.9	.15	-38.46	50.15	54	-3.85	-	-	242	111	H

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

VERTICAL RESULT



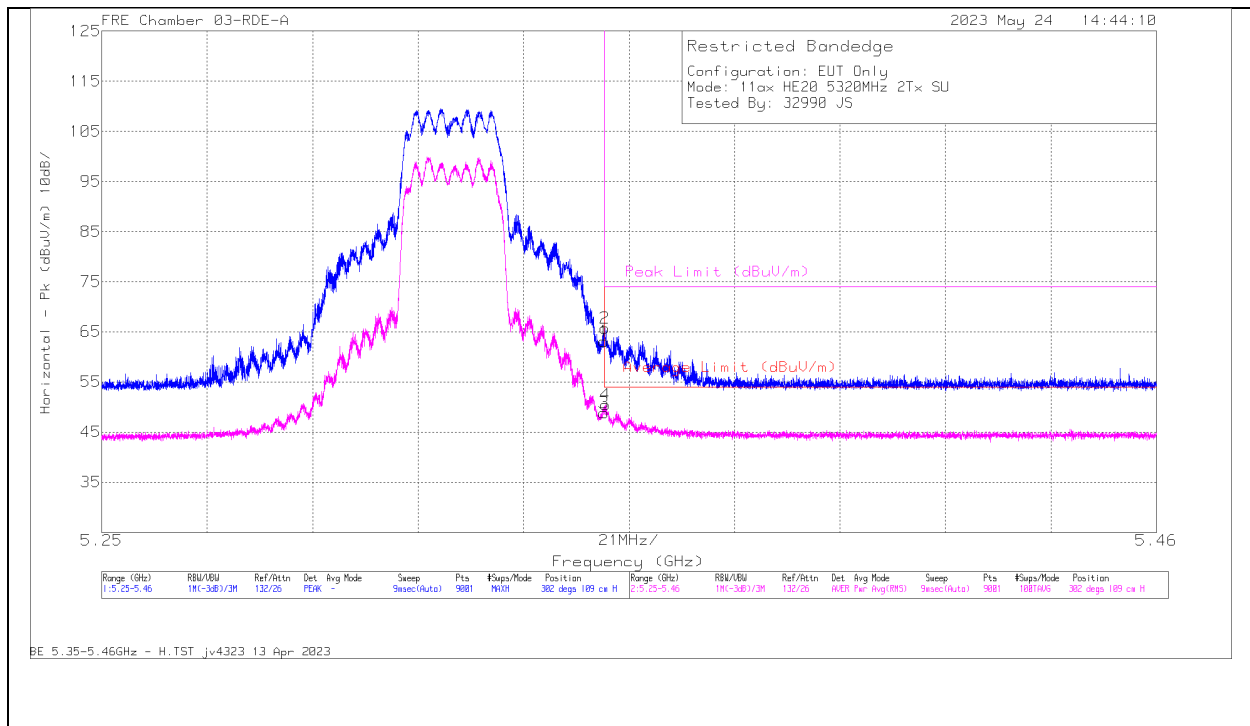
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	23029 9 ACF (dB/m)	DCCF (dB)	Gain/Loss (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 5.35	68.3	Pk	34.9	0	-38.46	64.74	-	-	74	-9.26	323	103	V
2	* 5.350075	68.92	Pk	34.9	0	-38.46	65.36	-	-	74	-8.64	323	103	V
3	* 5.35	49.14	RMS	34.9	.15	-38.46	45.73	54	-8.27	-	-	323	103	V
4	* 5.350379	51.45	RMS	34.9	.15	-38.46	48.04	54	-5.96	-	-	323	103	V

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

2TX Antenna 6 + Antenna 5 OFDMA MODE: SU, Single User

BANDEDGE (HIGH CHANNEL)

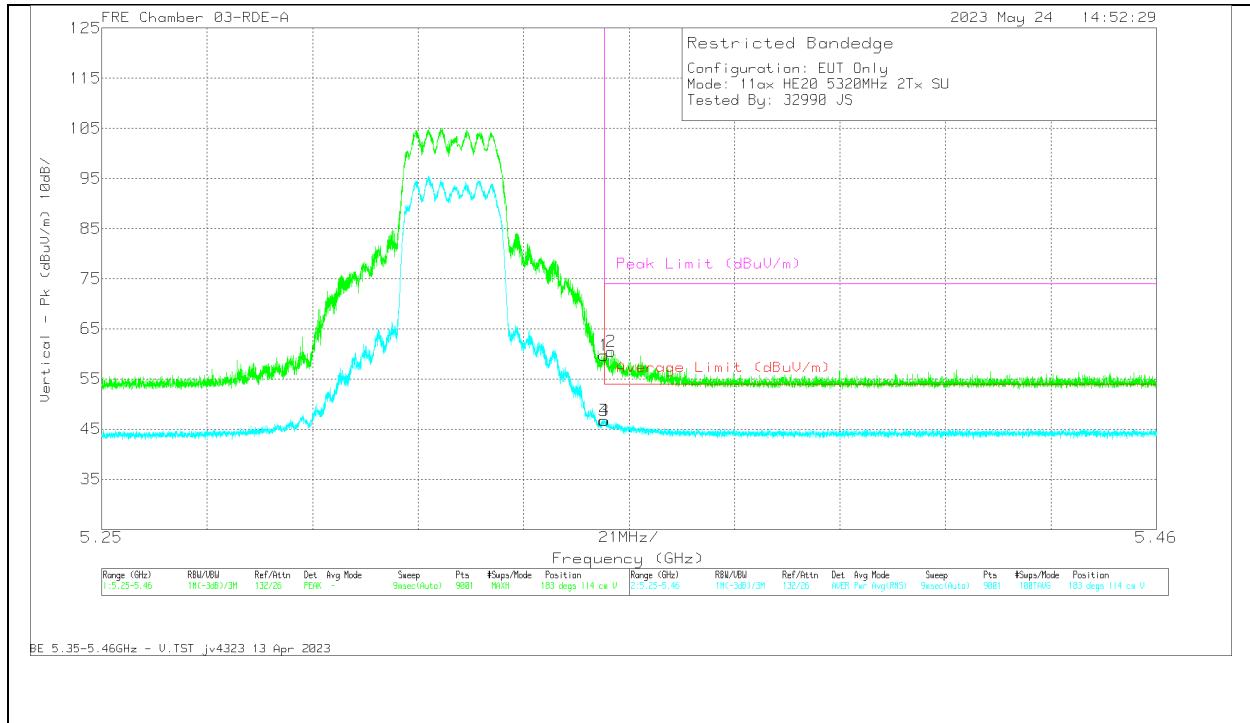
HORIZONTAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	23029 9 ACF (dB/m)	DCCF (dB)	Gain/Loss (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 5.35	66.67	Pk	34.9	0	-38.46	63.11	-	-	74	-10.89	302	109	H
2	* 5.350145	69.32	Pk	34.9	0	-38.46	65.76	-	-	74	-8.24	302	109	H
3	* 5.35	51.73	RMS	34.9	.58	-38.46	49.03	54	-4.97	-	-	302	109	H
4	* 5.350355	53.35	RMS	34.9	.58	-38.46	50.65	54	-3.35	-	-	302	109	H

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

VERTICAL RESULT

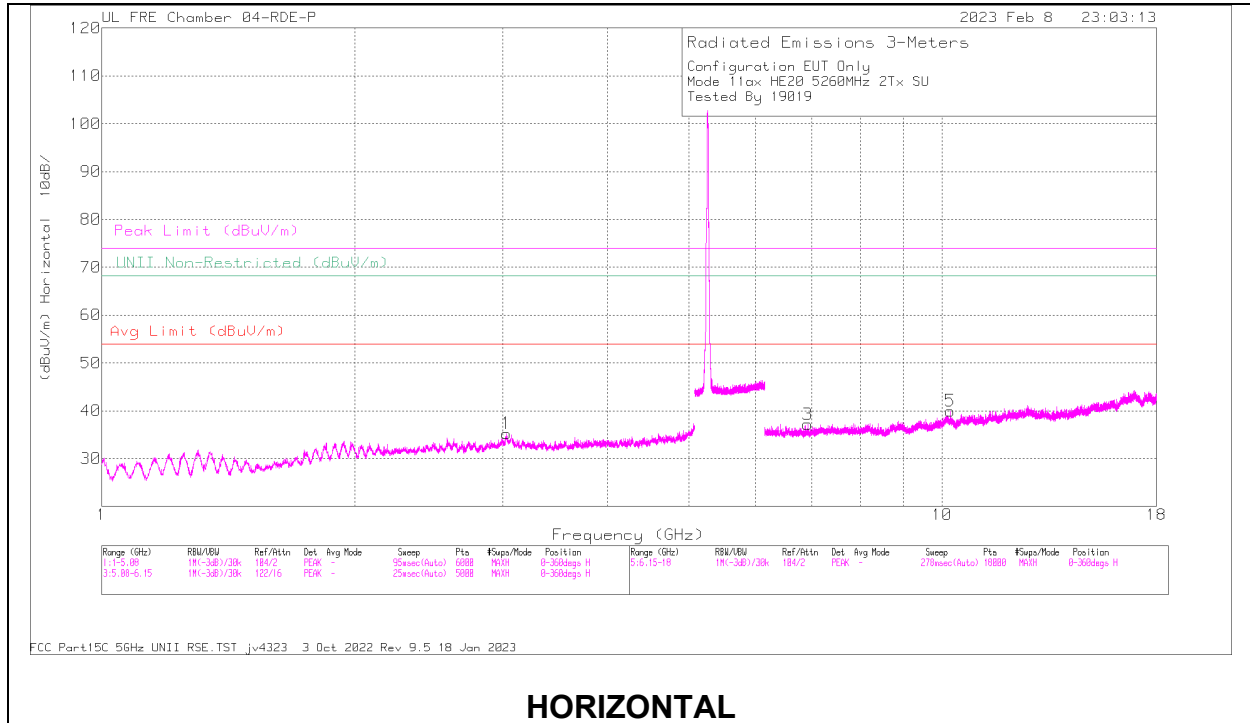


Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	23029 9 ACF (dB/m)	DCCF (dB)	Gain/Loss (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 5.35	63.24	Pk	34.9	0	-38.46	59.68	-	-	74	-14.32	183	114	V
2	* 5.351382	64.01	PK	34.9	0	-38.46	60.45	-	-	74	-13.55	183	114	V
3	* 5.35	49.5	RMS	34.9	.58	-38.46	46.80	54	-7.20	-	-	183	114	V
4	* 5.350122	49.51	RMS	34.9	.58	-38.46	46.81	54	-7.19	-	-	183	114	V

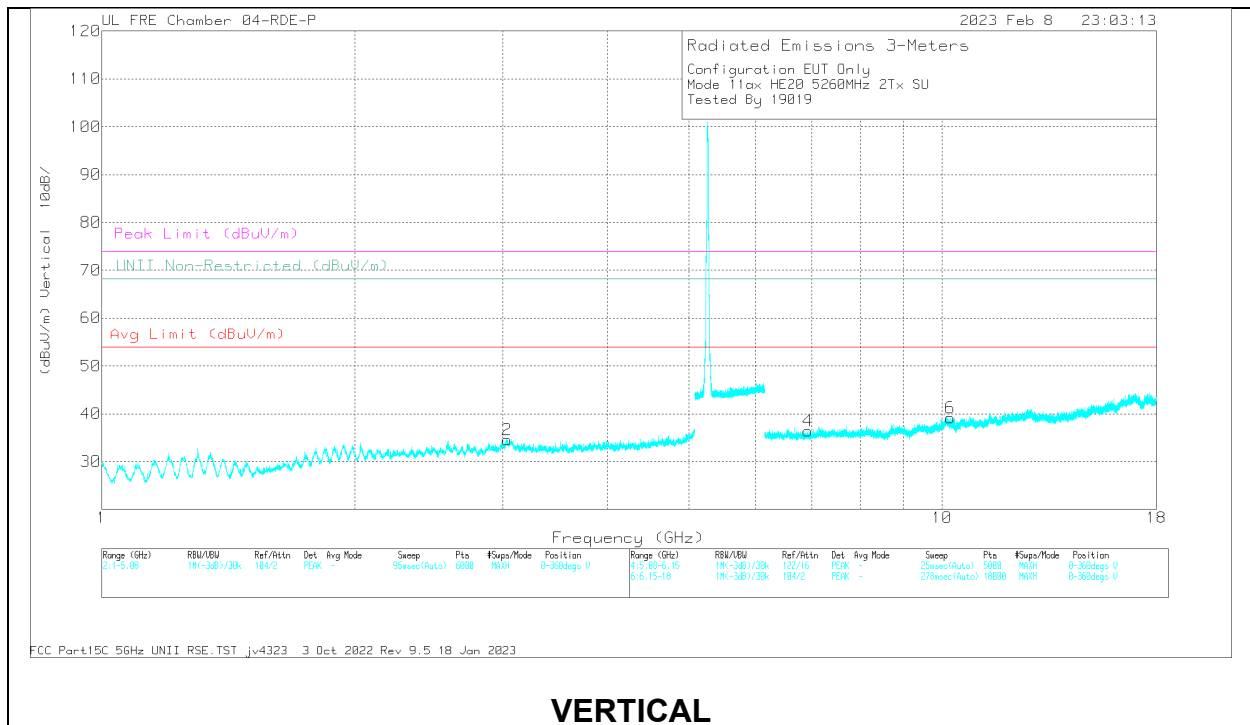
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band
 PK - Peak detector
 RMS - RMS detection

1.2.24. 5.3GHz, 11ax HE20 SU 2TX HARMONICS AND SPURIOUS EMISSIONS

LOW CHANNEL RESULTS



HORIZONTAL



VERTICAL

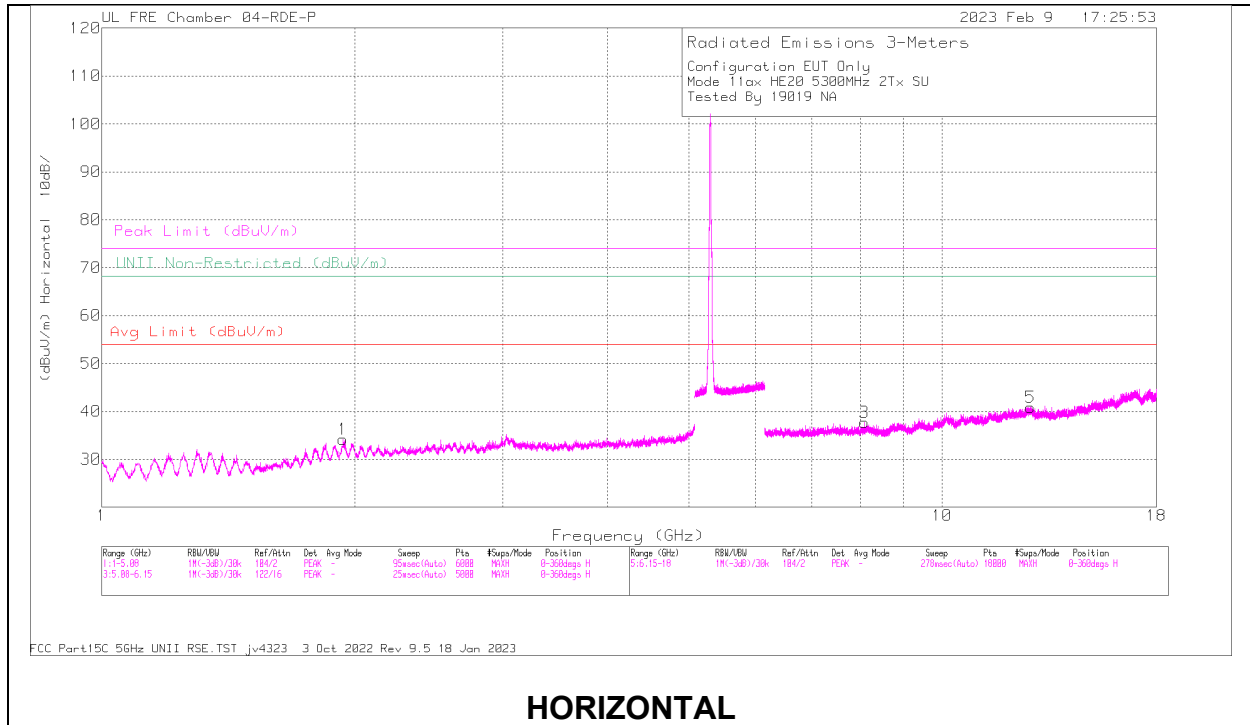
RADIATED EMISSIONS

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	222740 ACF(dB) - 3mH	Gain/Loss (dB)	Corrected Reading (dBuV/m)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	3.033306	59.48	PK-U	33.4	-47.74	45.14	68.2	-23.06	156	356	H
2	3.035256	59.43	PK-U	33.4	-47.67	45.16	68.2	-23.04	63	203	V
3	6.921954	55.86	PK-U	35.5	-44.8	46.56	68.2	-21.64	32	390	H
4	6.930459	55.53	PK-U	35.5	-45.04	45.99	68.2	-22.21	221	270	V
5	10.227844	57.07	PK-U	37.2	-45.92	48.35	68.2	-19.85	56	100	H
6	10.234834	57.23	PK-U	37.2	-45.91	48.52	68.2	-19.68	286	129	V

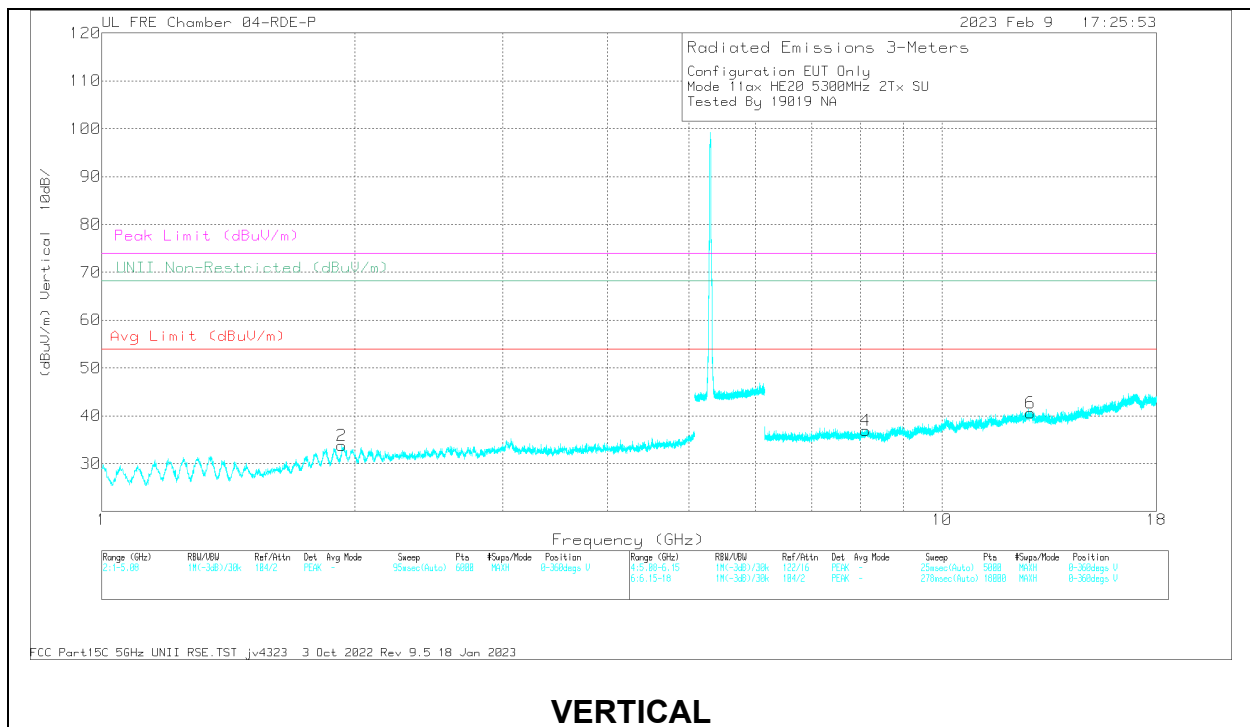
PK-U - U-NII: Maximum Peak

ADR - U-NII AD primary method, RMS average

MID CHANNEL RESULTS



HORIZONTAL



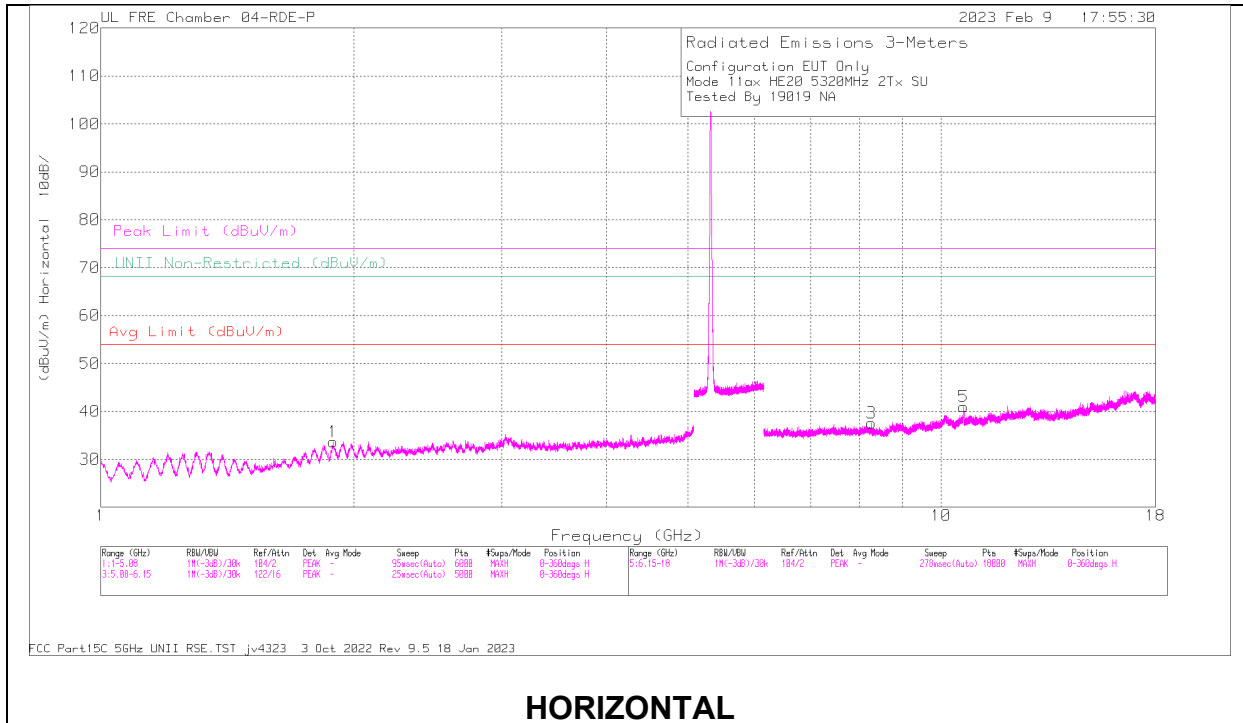
VERTICAL

RADIATED EMISSIONS

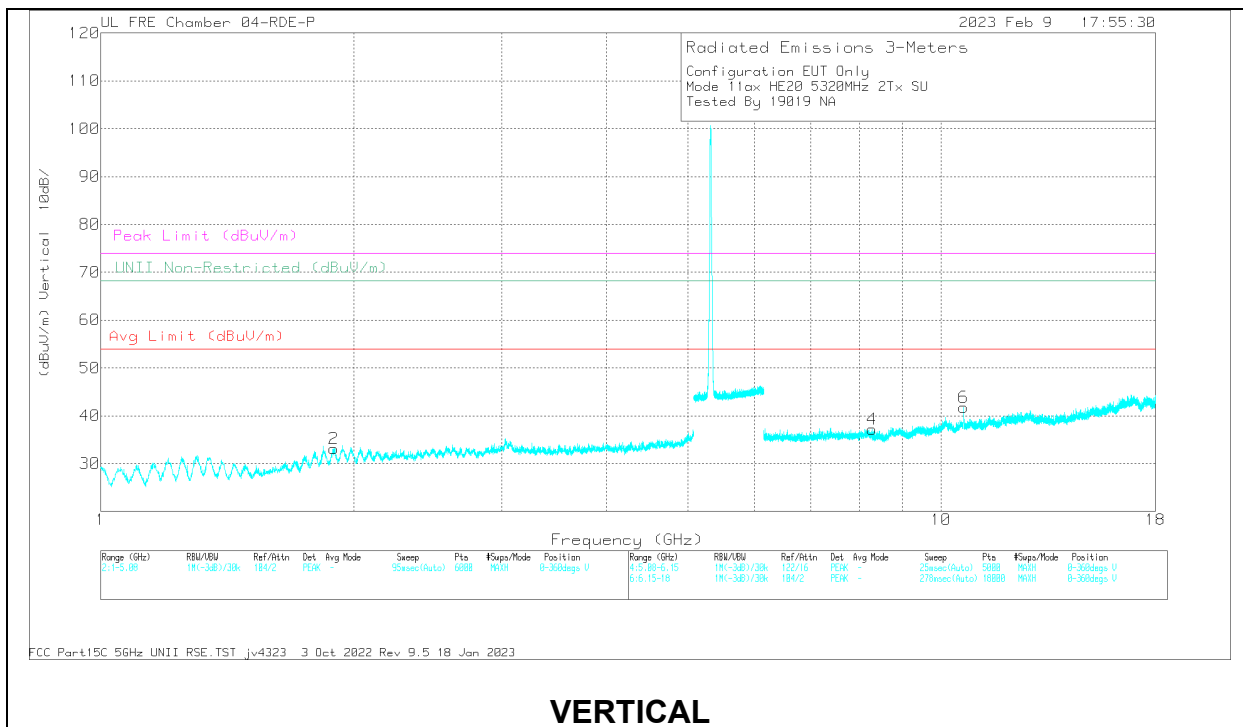
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	222740 ACF(dB) - 3mH	Gain/Loss (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
2	1.932996	60.99	PK-U	31.5	-49.13	43.36	-	-	-	-	68.2	-24.84	208	250	V
1	1.937139	61.96	PK-U	31.5	-49.19	44.27	-	-	-	-	68.2	-23.93	289	377	H
	8.08295	53.12	PK-U	35.7	-45.05	43.77	-	-	74	-30.23	-	-	151	109	H
3	8.08295	42.85	ADR	35.7	-45.05	33.5	54	-20.5	-	-	-	-	151	109	H
4	8.109596	55.74	PK-U	35.7	-44.95	46.49	-	-	74	-27.51	-	-	319	298	V
	8.109689	44.44	ADR	35.7	-44.95	35.19	54	-18.81	-	-	-	-	319	298	V
6	12.739264	54.56	PK-U	39	-43.14	50.42	-	-	-	-	68.2	-17.78	16	104	V
5	12.746843	51.71	PK-U	39	-43.1	47.61	-	-	-	-	68.2	-20.59	230	250	H

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	222740 ACF(dB) - 3mH	Gain/Loss (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	1.892249	61.4	PK-U	31.3	-49.2	43.5	-	-	-	-	68.2	-24.7	254	185	H
2	1.893232	61.13	PK-U	31.3	-49.18	43.25	-	-	-	-	68.2	-24.95	325	176	V
3	8.264001	51.38	PK-U	35.7	-43.95	43.13	-	-	74	-30.87	-	-	356	104	H
	8.264001	41.78	ADR	35.7	-43.95	33.53	54	-20.47	-	-	-	-	356	104	H
4	8.278999	55.31	PK-U	35.7	-44.06	46.95	-	-	74	-27.05	-	-	116	201	V
	8.279171	43.22	ADR	35.7	-44.07	34.85	54	-19.15	-	-	-	-	116	201	V
5	10.644917	61.47	PK-U	37.4	-44.37	54.5	-	-	74	-19.5	-	-	60	123	H
	10.642452	48.23	ADR	37.4	-44.42	41.21	54	-12.79	-	-	-	-	60	123	H
6	10.643718	58.79	PK-U	37.4	-44.46	51.73	-	-	74	-22.27	-	-	267	262	V
	10.642988	46.49	ADR	37.4	-44.46	39.43	54	-14.57	-	-	-	-	267	262	V

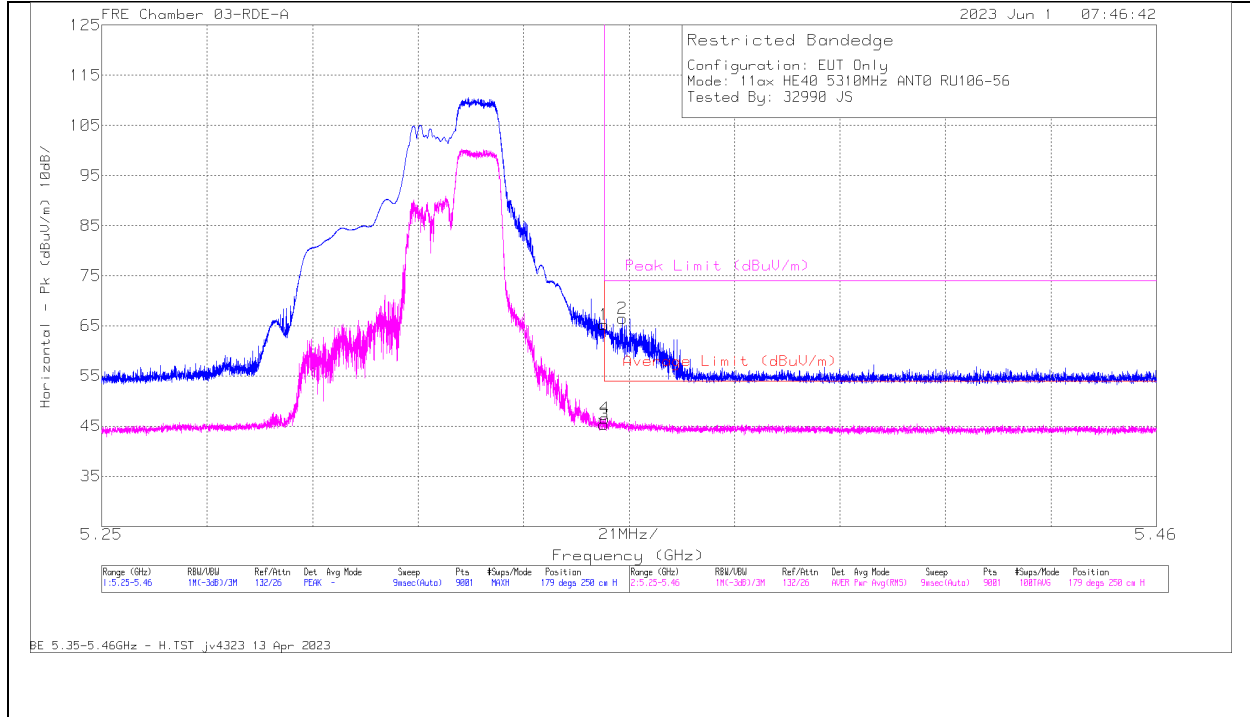
PK-U - U-NII: Maximum Peak
 ADR - U-NII AD primary method, RMS average

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

1TX Antenna 6 MODE: 106-Tones, RU Index 17

BANDEDGE (HIGH CHANNEL)

HORIZONTAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	23029 9 ACF (dB/m)	DCCF (dB)	Gain/Loss (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 5.35	68.76	Pk	34.9	0	-38.46	65.2	-	-	74	-8.8	179	250	H
2	* 5.353739	70.08	Pk	34.9	0	-38.51	66.47	-	-	74	-7.53	179	250	H
3	* 5.35	48.38	RMS	34.9	.15	-38.46	44.97	54	-9.03	-	-	179	250	H
4	* 5.350239	49.57	RMS	34.9	.15	-38.46	46.16	54	-7.84	-	-	179	250	H

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

