

TEST REPORT

Report Number: 14523744-E8V2 & E9V2

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

Model : A3101 (Full Test Model)
A3102, A3104 (Variant Models)

Brand : Apple

FCC ID : BCG-E8436A (Full Test Model)
BCG-E8437A, BCG-E8438A (Variant Models)

IC : 579C-E8436A (Full Test Model)
579C-E8437A, 579C-E8438A (Variant Models)

EUT Description : SMARTPHONE

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

Date Of Issue:

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REPORT REVISION HISTORY

Rev.	Issue Date	Revisions	Revised By
V1	8/4/2023	Initial Issue	Chris Xiong
V2	8/8/2023	Addressed TCB questions	Chris Xiong

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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

After January 01, 2019 for Outside of the Restricted Bands Emissions

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)

NCC LP0002 §2.7 and §2.8

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

TEST PROCEDURE

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

For measurements below 1 GHz the resolution bandwidth is set to 100 kHz for peak detection measurements or 120 kHz for quasi-peak detection measurements 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.

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.

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

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

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 reported in the table), using the 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.

ON TIME AND DUTY CYCLE RESULTS

Mode	Rate	ON Time B (ms)	Period (ms)	Duty Cycle (Linear)	Duty Cycle (%)	Duty Cycle Correction Factor (dB)	Minimum VBW 1/B (kHz)
HT20	MCS0	0.9803	1.0225	0.9587	95.87%	0.18	1.020
	MCS7	0.1363	0.1572	0.8674	86.74%	0.62	7.335
HT40	MCS0	0.4924	0.5149	0.9562	95.62%	0.19	2.031
	MCS7	0.0885	0.1093	0.8093	80.93%	0.92	11.306
VHT80	MCS0	0.2536	0.2764	0.9175	91.75%	0.37	3.943
	MCS9	0.0588	0.0818	0.7188	71.88%	1.43	17.018
VHT160	MCS0	1.1403	1.1611	0.9821	98.21%	0.00	0.010
	MCS9	0.0879	0.1080	0.8139	81.39%	0.89	11.377
HE20 26T	MCS0	3.9493	4.0282	0.9804	98.04%	0.00	0.010
	MCS11	0.2935	0.3279	0.8952	89.52%	0.48	3.407
HE20 106T	MCS0	3.5180	3.5560	0.9893	98.93%	0.00	0.010
	MCS11	0.2641	0.2996	0.8815	88.15%	0.55	3.786
HE20 SU	MCS0	1.4879	1.5127	0.9836	98.36%	0.00	0.010
	MCS11	0.1459	0.1679	0.8690	86.90%	0.61	6.854
HE40 26T	MCS0	3.9775	4.0338	0.9860	98.60%	0.00	0.010
	MCS11	0.2896	0.3256	0.8893	88.93%	0.51	3.453
HE40 106T	MCS0	3.5200	3.5550	0.9902	99.02%	0.00	0.010
	MCS11	0.2632	0.2984	0.8820	88.20%	0.55	3.799
HE40 SU	MCS0	0.7730	0.7955	0.9717	97.17%	0.12	1.294
	MCS11	0.1008	0.1228	0.8208	82.08%	0.86	9.921
HE80 26T	MCS0	3.9718	4.0338	0.9846	98.46%	0.00	0.010
	MCS11	0.2918	0.3301	0.8840	88.40%	0.54	3.427
HE80 106T	MCS0	3.5160	3.5520	0.9899	98.99%	0.00	0.010
	MCS11	0.2633	0.2985	0.8821	88.21%	0.54	3.798
HE80 SU	MCS0	0.4011	0.4214	0.9519	95.19%	0.21	2.493
	MCS11	0.0817	0.1042	0.7838	78.38%	1.06	12.241
HE160 26T	MCS0	3.9900	4.0250	0.9913	99.13%	0.00	0.010
	MCS11	0.2922	0.3272	0.8930	89.30%	0.49	3.422
HE160 106T	MCS0	3.5190	3.5520	0.9907	99.07%	0.00	0.010
	MCS11	0.2639	0.2990	0.8826	88.26%	0.54	3.789
HE160 SU	MCS0	0.2316	0.2526	0.9169	91.69%	0.38	4.318
	MCS11	0.0688	0.0888	0.7748	77.48%	1.11	14.535

NOTE: 1Tx and 2Tx duty cycle are the same

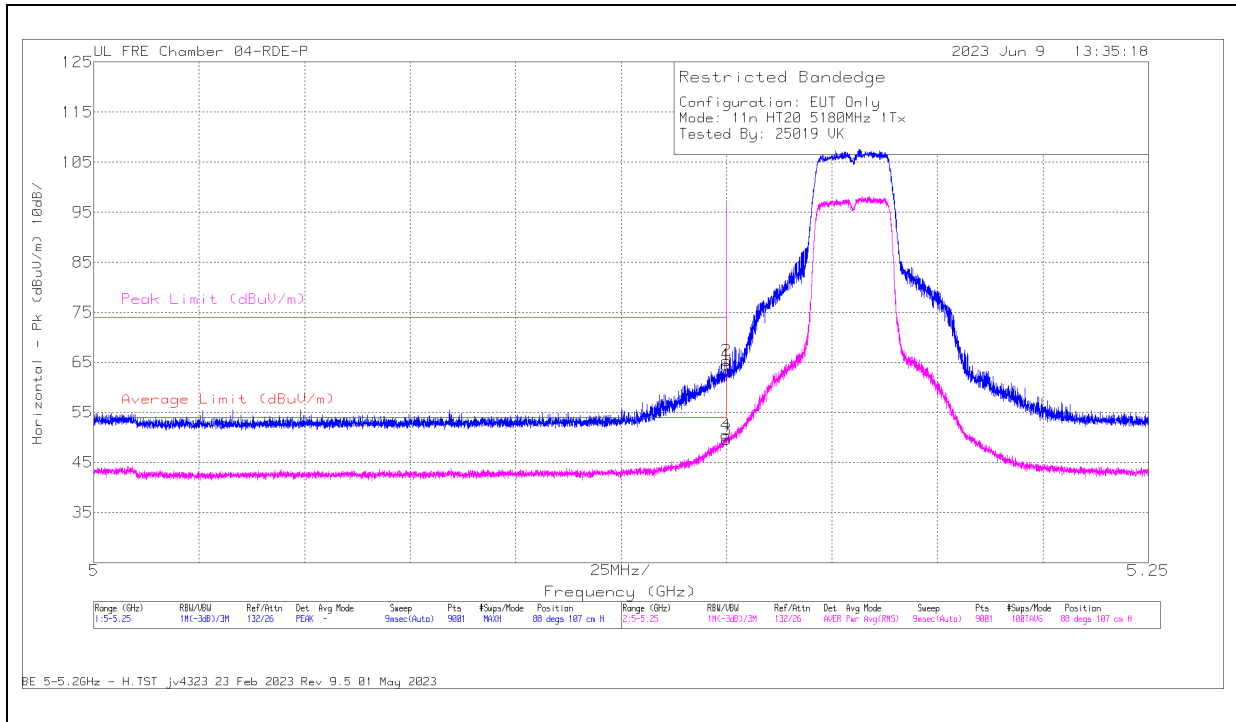
1.1. TRANSMITTER ABOVE 1 GHz

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

1TX Antenna 6 MODE

BANDEDGE (LOW CHANNEL)

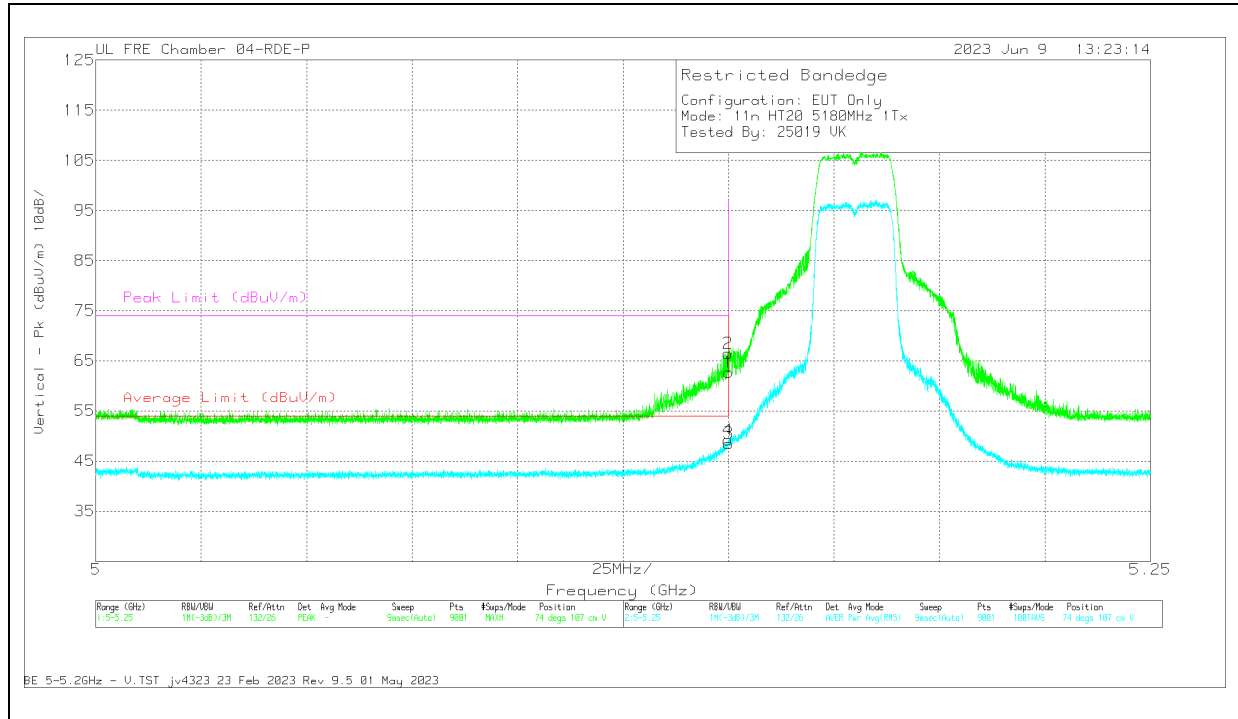
HORIZONTAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	222740 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	5.149918	54.42	RMS	34.1	.62	-38.51	50.63	54	-3.37	-	-	88	107	H
2	5.149973	69.76	Pk	34.1	0	-38.51	65.35	-	-	74	-8.65	88	107	H
1	5.15	68.84	Pk	34.1	0	-38.51	64.43	-	-	74	-9.57	88	107	H
3	5.15	53.57	RMS	34.1	.62	-38.51	49.78	54	-4.22	-	-	88	107	H

Pk - Peak detector
RMS - RMS detection

VERTICAL RESULT



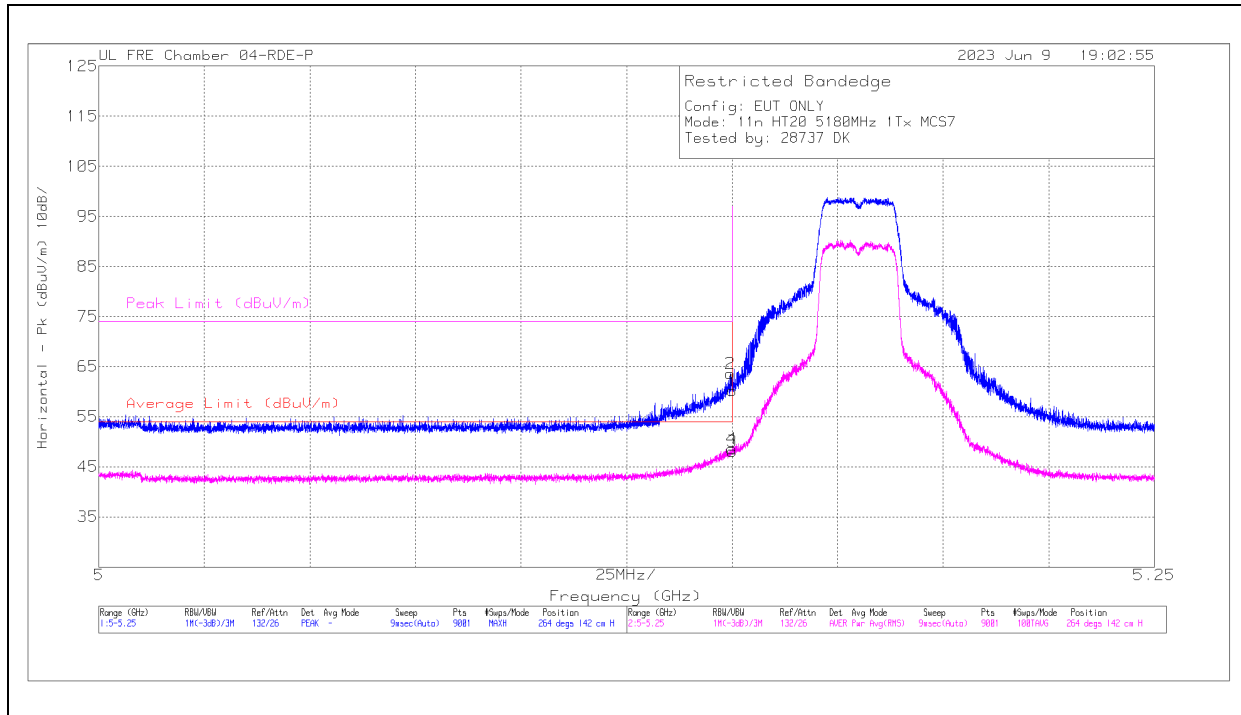
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	222740 ACF(dB) - 3mH	DCCF (dB)	Gain/Loss (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
2	5.14989	70.94	Pk	34.1	0	-38.51	66.53	-	-	74	-7.47	74	107	V
4	5.14989	53.21	RMS	34.1	.62	-38.51	49.42	54	-4.58	-	-	74	107	V
1	5.15	67.09	Pk	34.1	0	-38.51	62.68	-	-	74	-11.32	74	107	V
3	5.15	52.48	RMS	34.1	.62	-38.51	48.69	54	-5.31	-	-	74	107	V

Pk - Peak detector
 RMS - RMS detection

1TX Antenna 5 MODE

BANDEDGE (LOW CHANNEL)

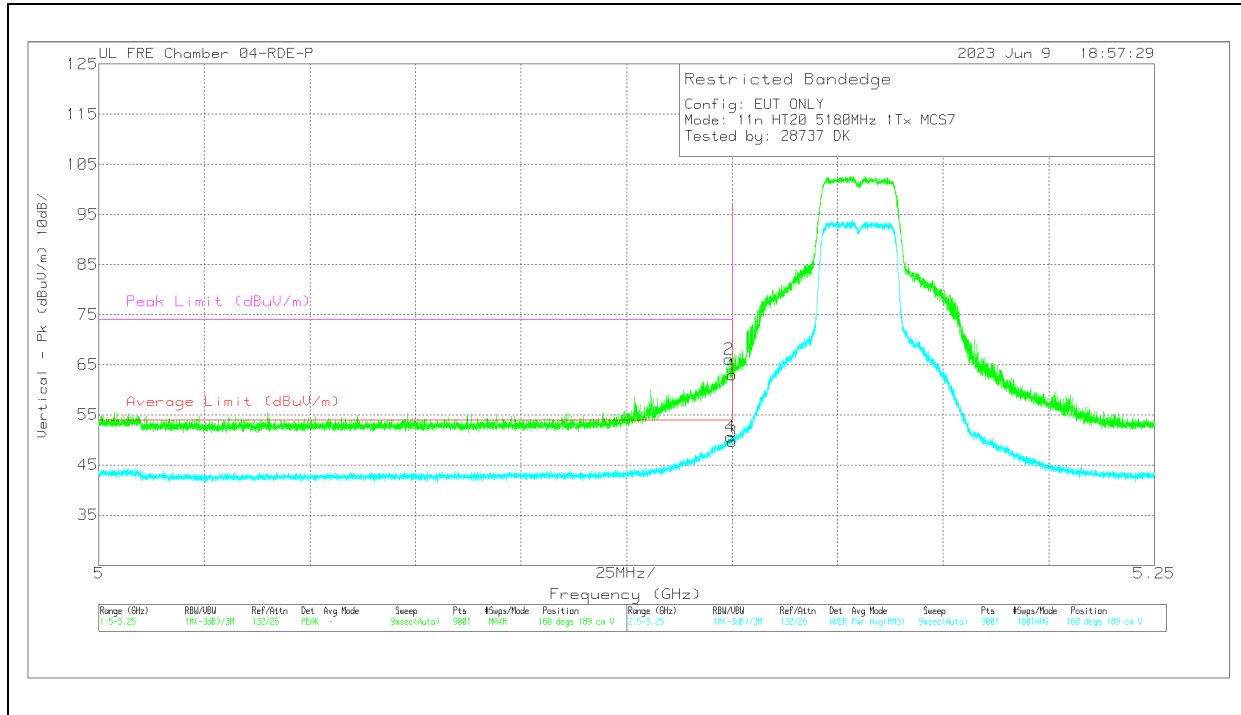
HORIZONTAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	222740 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	5.14964	68.07	Pk	34.1	0	-38.52	63.65	-	-	74	-10.35	264	142	H
4	5.149946	52.41	RMS	34.1	.62	-38.51	48.62	54	-5.38	-	-	264	142	H
1	5.15	64.68	Pk	34.1	0	-38.51	60.27	-	-	74	-13.73	264	142	H
3	5.15	51.88	RMS	34.1	.62	-38.51	48.09	54	-5.91	-	-	264	142	H

Pk - Peak detector
 RMS - RMS detection

VERTICAL RESULT



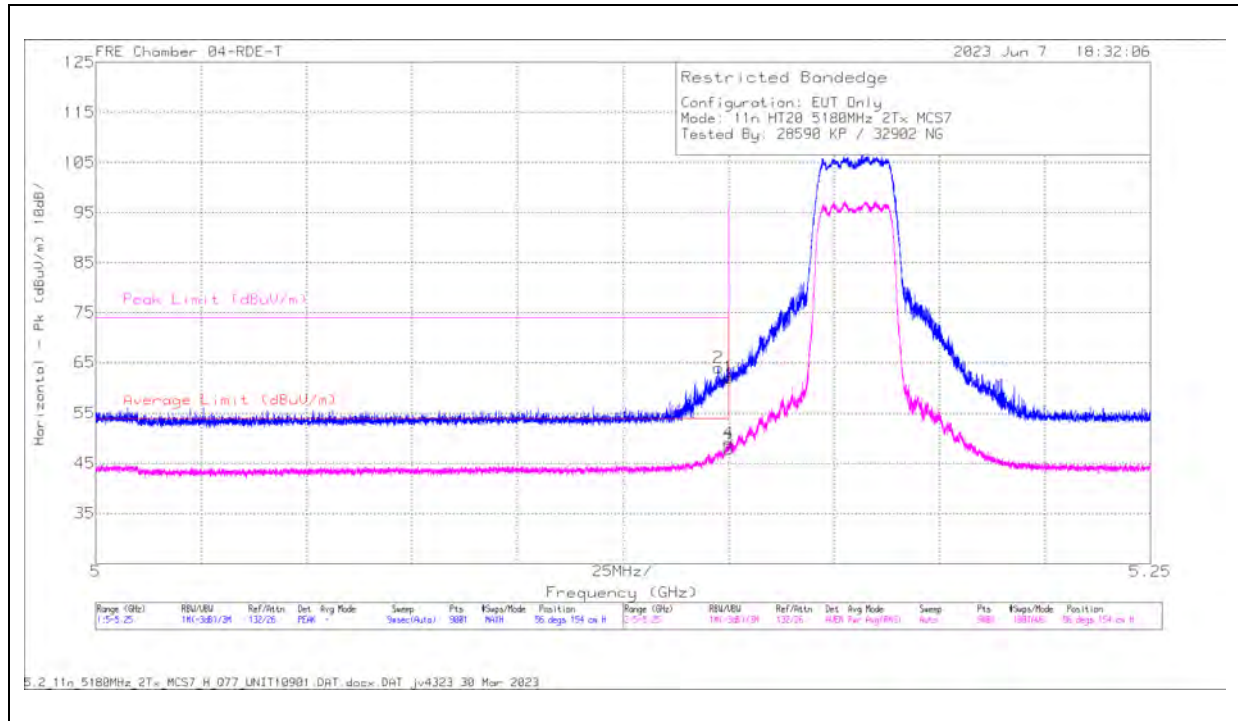
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	222740 ACF(dB) - 3mH	DCCF (dB)	Gain/Loss (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
2	5.149307	70.5	Pk	34.1	0	-38.52	66.08	-	-	74	-7.92	160	189	V
4	5.149585	54.35	RMS	34.1	.62	-38.52	50.55	54	-3.45	-	-	160	189	V
1	5.15	67.39	Pk	34.1	0	-38.51	62.98	-	-	74	-11.02	160	189	V
3	5.15	53.53	RMS	34.1	.62	-38.51	49.74	54	-4.26	-	-	160	189	V

Pk - Peak detector
 RMS - RMS detection

2TX Antenna 6 + Antenna 5 CDD MODE

BANDEDGE (LOW CHANNEL)

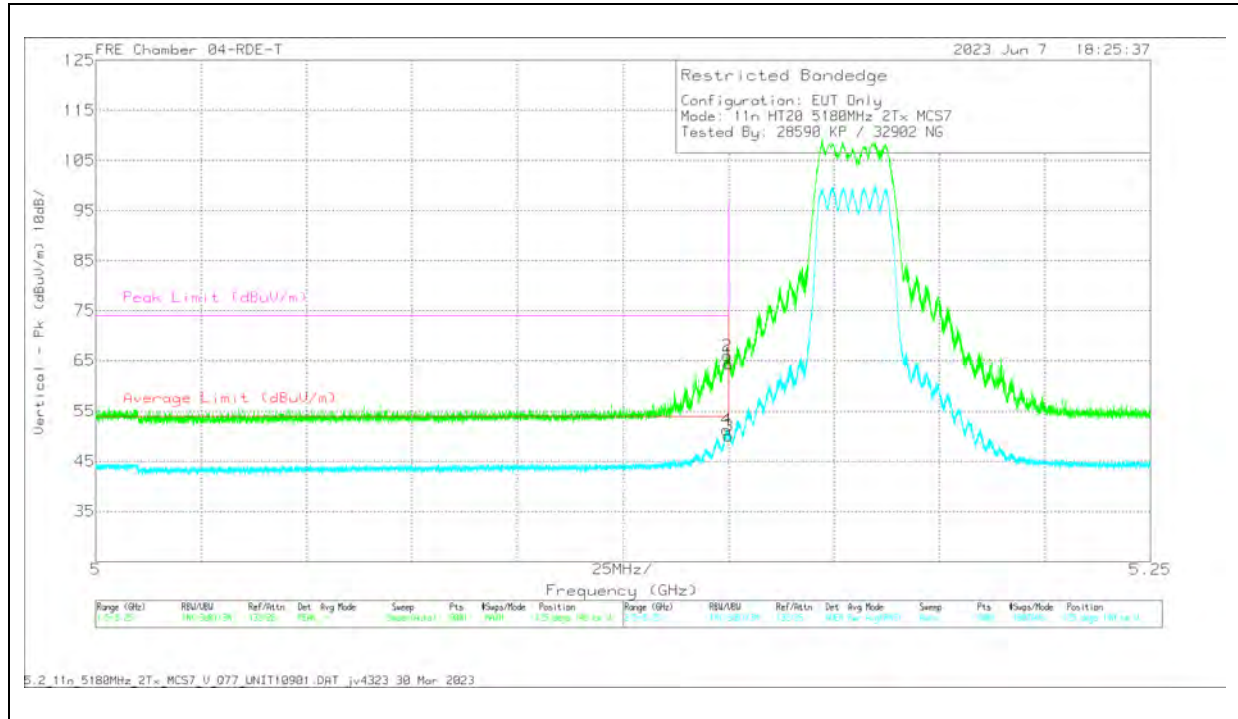
HORIZONTAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	226673 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	63.86	Pk	34.2	0	-35.9	62.16	-	-	74	-11.84	56	154	H
2	*5.147612	65.75	Pk	34.2	0	-35.92	64.03	-	-	74	-9.97	56	154	H
3	*5.15	48.94	RMS	34.2	.62	-35.9	47.86	54	-6.14	-	-	56	154	H
4	*5.149973	50.16	RMS	34.2	.62	-35.9	49.08	54	-4.92	-	-	56	154	H

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

VERTICAL RESULT

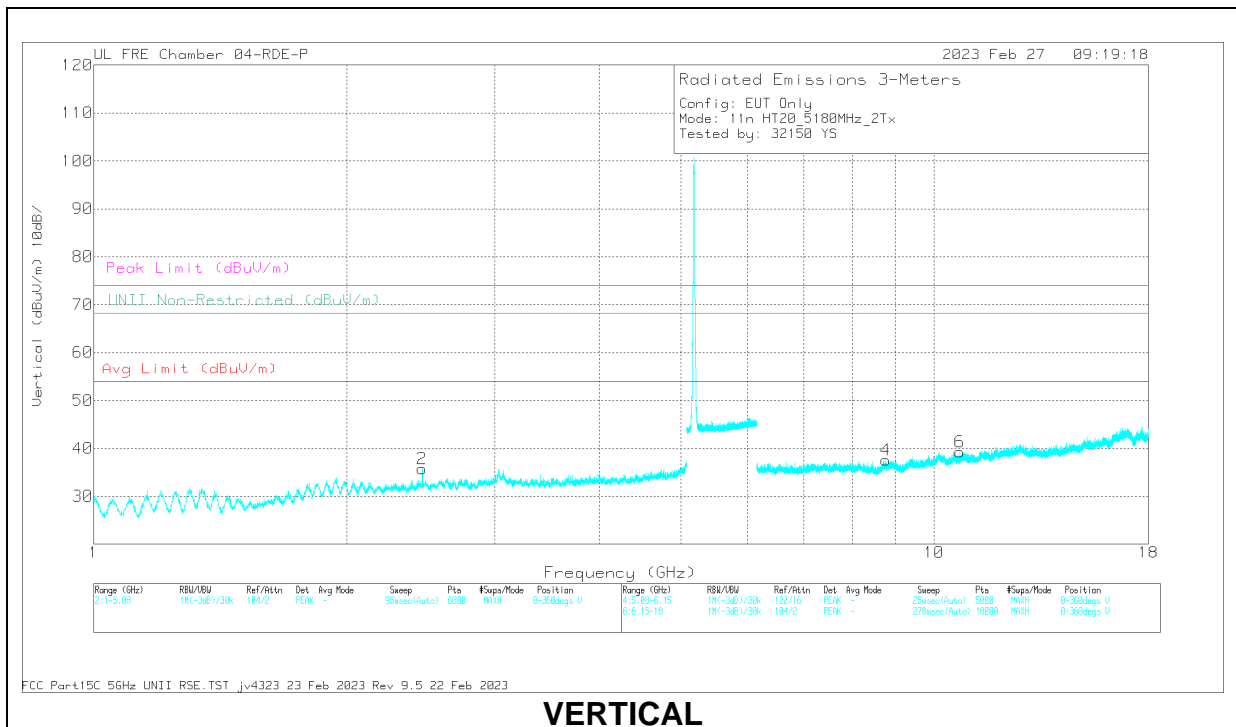
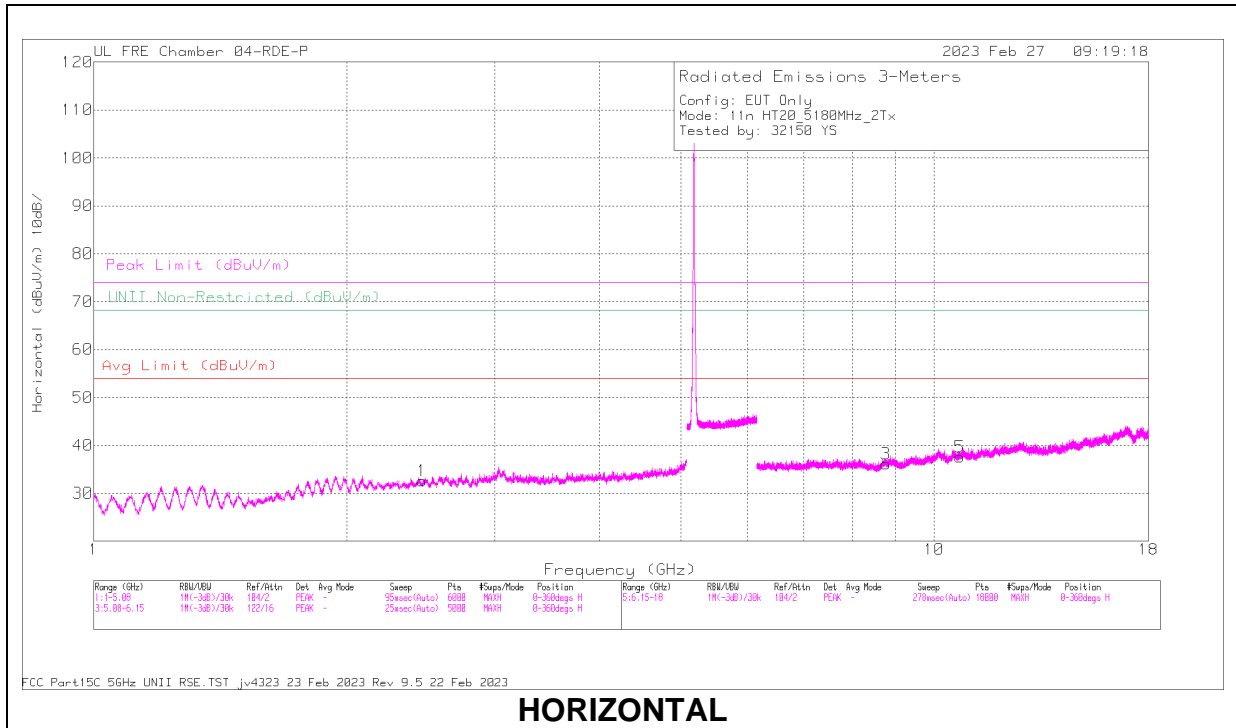


Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	226673 ACF (dB) 3mH	DCCF (dB)	Gain/Loss (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	*5.15	66.09	Pk	34.2	0	-35.9	64.39	-	-	74	-9.61	125	140	V
2	*5.149779	67.66	Pk	34.2	0	-35.9	65.96	-	-	74	-8.04	125	140	V
3	*5.15	51.12	RMS	34.2	.62	-35.9	50.04	54	-3.96	-	-	125	140	V
4	*5.14964	52.42	RMS	34.2	.62	-35.9	51.34	54	-2.66	-	-	125	140	V

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

HARMONICS AND SPURIOUS EMISSIONS

LOW CHANNEL RESULTS



RADIATED EMISSIONS

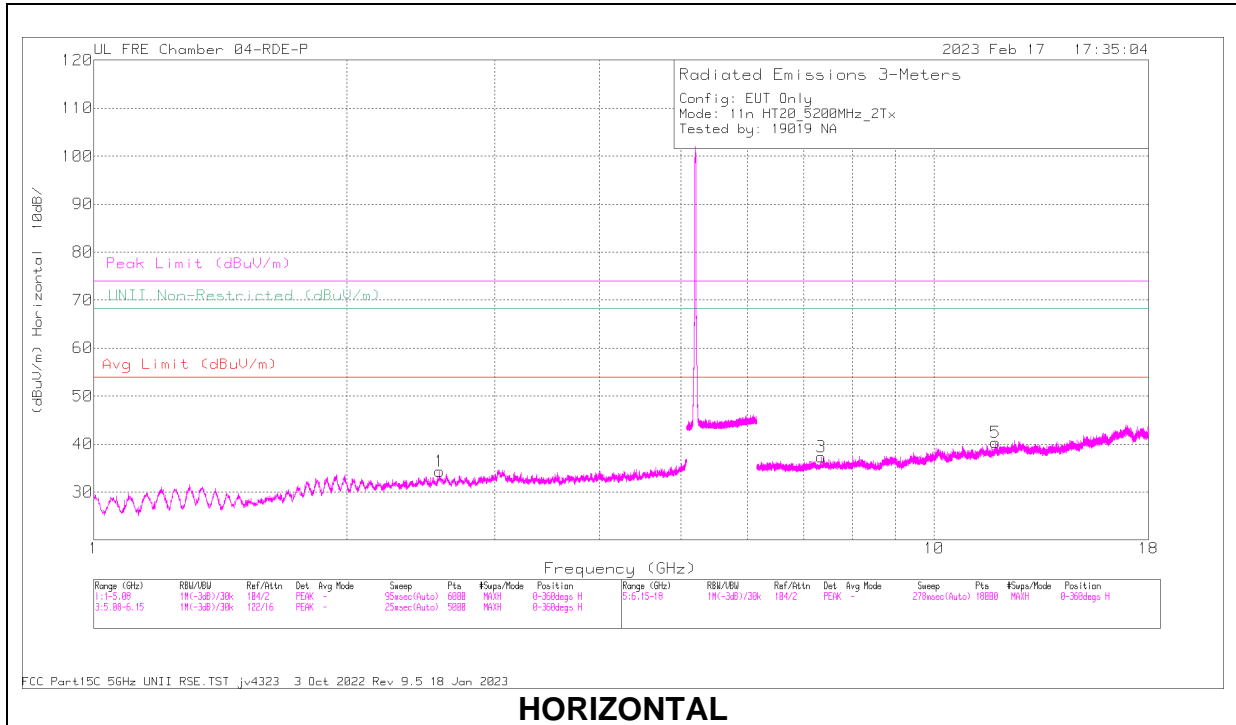
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	222740 ACF(dB) - 3mH	DCCF (dB)	Gain/Loss (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	2.462976	59.54	PK-U	32	0	-49.34	42.2	-	-	-	-	68.2	-26	289	197	H
2	2.464128	60.16	PK-U	32	0	-49.31	42.85	-	-	-	-	68.2	-25.35	71	164	V
3	8.764417	53.33	PK-U	36	0	-42.52	46.81	-	-	-	-	68.2	-21.39	90	147	V
4	8.767378	53.34	PK-U	36	0	-42.59	46.75	-	-	-	-	68.2	-21.45	255	359	H
	*10.7252	43.61	ADR	37.5	.18	-44.25	37.04	54	-16.96	-	-	-	-	23	316	H
5	*10.727648	54.86	PK-U	37.5	0	-44.19	48.17	-	-	74	-25.83	-	-	101	296	V
6	*10.72829	55.73	PK-U	37.5	0	-44.15	49.08	-	-	74	-24.92	-	-	23	316	H
	*10.728772	43.81	ADR	37.5	.18	-44.12	37.37	54	-16.63	-	-	-	-	101	296	V

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

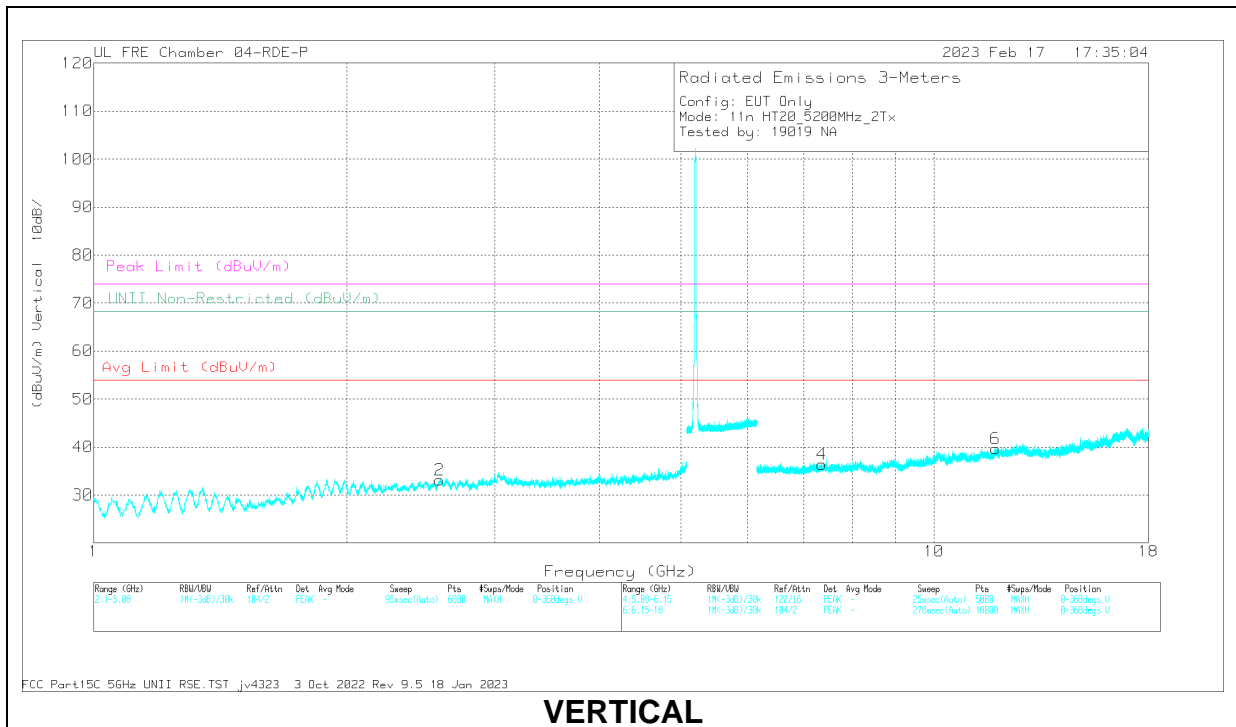
PK-U - U-NII: Maximum Peak

ADR - U-NII AD primary method, RMS average

MID CHANNEL RESULTS



HORIZONTAL



VERTICAL

RADIATED EMISSIONS

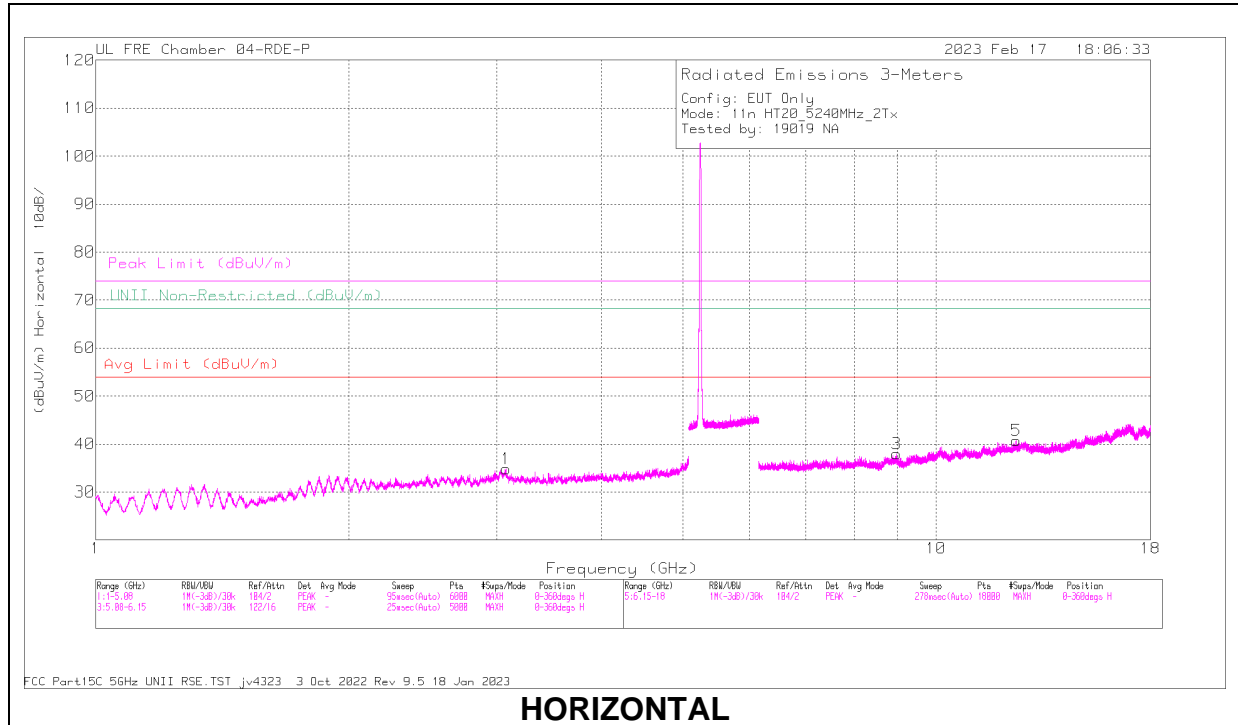
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	222740 ACF(dB) - 3mH	DCCF (dB)	Gain/Loss (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
2	2.578626	60.24	PK-U	32.3	0	-49.32	43.22	-	-	-	-	68.2	-24.98	297	191	V
1	2.583551	60.48	PK-U	32.3	0	-49.32	43.46	-	-	-	-	68.2	-24.74	331	147	H
3	*7.346234	54.81	PK-U	35.7	0	-45.97	44.54	-	-	74	-29.46	-	-	243	237	H
	*7.346234	43.55	ADR	35.7	.18	-45.97	33.46	54	-20.54	-	-	-	-	243	237	H
4	*7.360593	56.35	PK-U	35.7	0	-45.87	46.18	-	-	74	-27.82	-	-	97	245	V
	*7.361949	44.87	ADR	35.7	.18	-45.8	34.95	54	-19.05	-	-	-	-	97	245	V
5	*11.842901	50.29	PK-U	38.5	0	-43.3	45.49	-	-	74	-28.51	-	-	184	121	H
	*11.842901	40.56	ADR	38.5	.18	-43.3	35.94	54	-18.06	-	-	-	-	184	121	H
6	*11.846926	53.95	PK-U	38.5	0	-43.27	49.18	-	-	74	-24.82	-	-	281	270	V
	*11.847602	42.42	ADR	38.5	.18	-43.3	37.8	54	-16.20	-	-	-	-	281	270	V

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

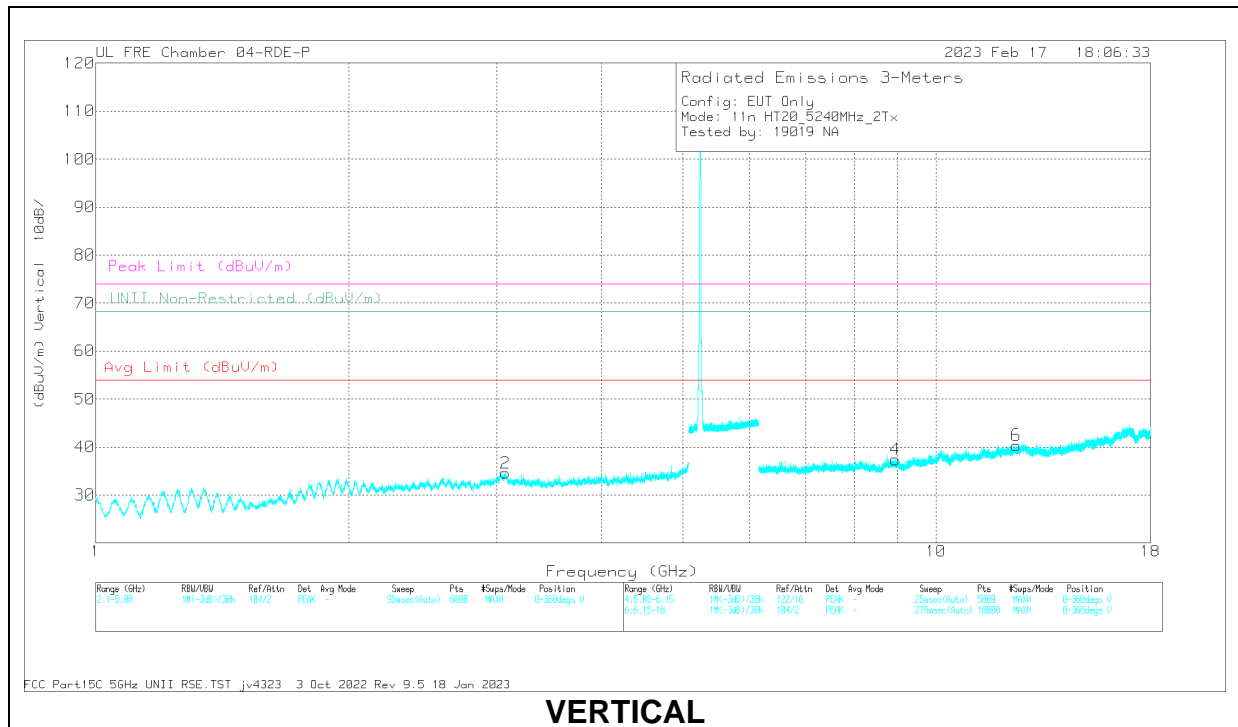
PK-U - U-NII: Maximum Peak

ADR - U-NII AD primary method, RMS average

HIGH CHANNEL RESULTS



HORIZONTAL



VERTICAL

RADIATED EMISSIONS

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	222740 ACF(dB) - 3mH	DCCF (dB)	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	3.074993	57.97	PK-U	33.5	0	-47.02	44.45	-	-	-	-	68.2	-23.75	252	133	V
1	3.076511	58.01	PK-U	33.6	0	-47.02	44.59	-	-	-	-	68.2	-23.61	318	181	H
5	8.953362	53.9	PK-U	36	0	-42.83	47.07	-	-	-	-	68.2	-21.13	200	297	V
3	8.975699	50.07	PK-U	36	0	-42.95	43.12	-	-	-	-	68.2	-25.08	180	175	H
	*12.455011	42.62	ADR	38.8	.18	-42.87	38.73	54	-15.27	-	-	-	-	130	232	V
6	*12.456538	54.24	PK-U	38.8	0	-42.85	50.19	-	-	74	-23.81	-	-	130	232	V
5	*12.461769	50.56	PK-U	38.8	0	-42.9	46.46	-	-	74	-27.54	-	-	266	221	H
	*12.461769	41.43	ADR	38.8	.18	-42.9	37.51	54	-16.49	-	-	-	-	266	221	H

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

PK-U - U-NII: Maximum Peak

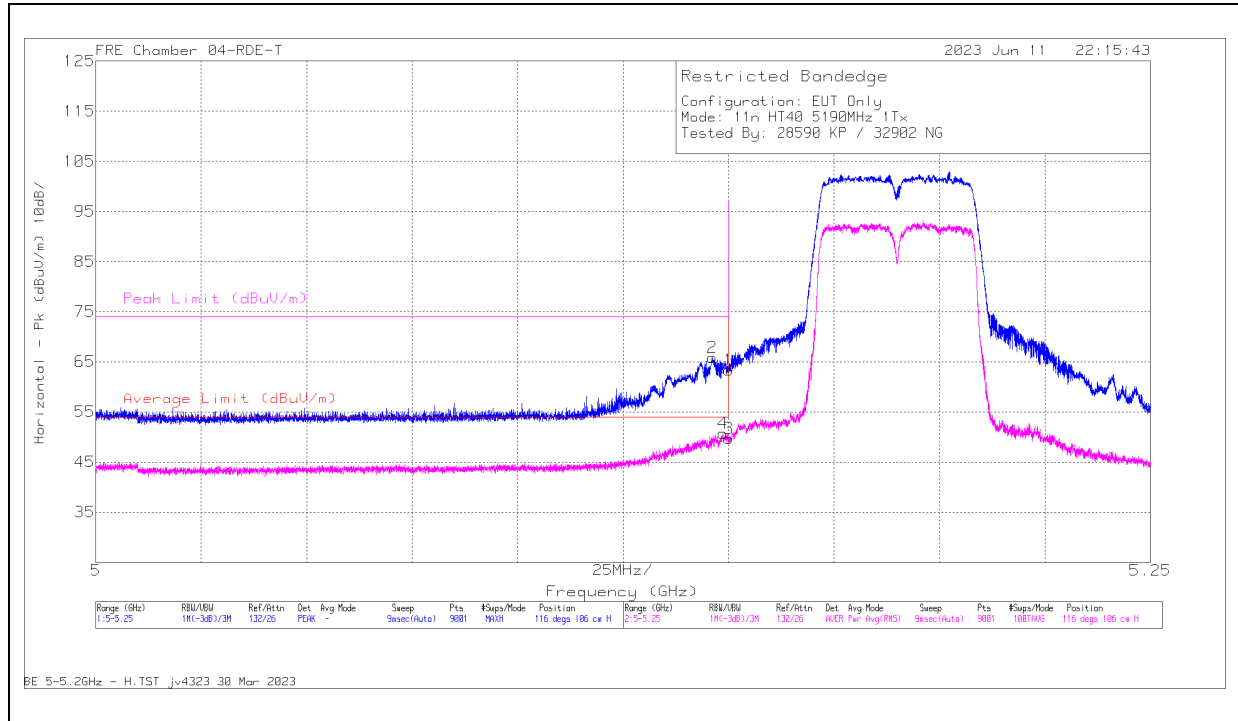
ADR - U-NII AD primary method, RMS average

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

1TX Antenna 6 MODE

BANDEDGE (LOW CHANNEL)

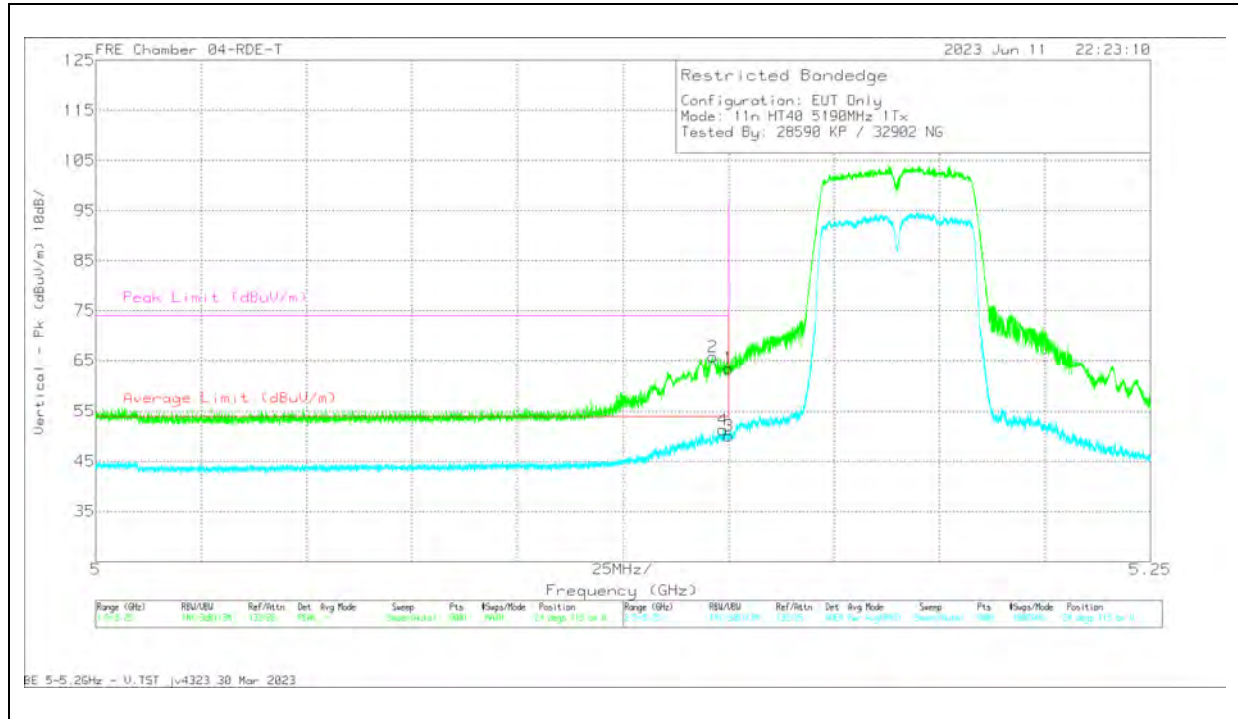
HORIZONTAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	226673 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	65.09	Pk	34.2	0	-35.9	63.39	-	-	74	-10.61	116	106	H
2	*5.146196	67.61	Pk	34.2	0	-35.94	65.87	-	-	74	-8.13	116	106	H
3	*5.15	50.52	RMS	34.2	.92	-35.9	49.74	54	-4.26	-	-	116	106	H
4	*5.148612	51.54	RMS	34.2	.92	-35.9	50.76	54	-3.24	-	-	116	106	H

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

VERTICAL RESULT



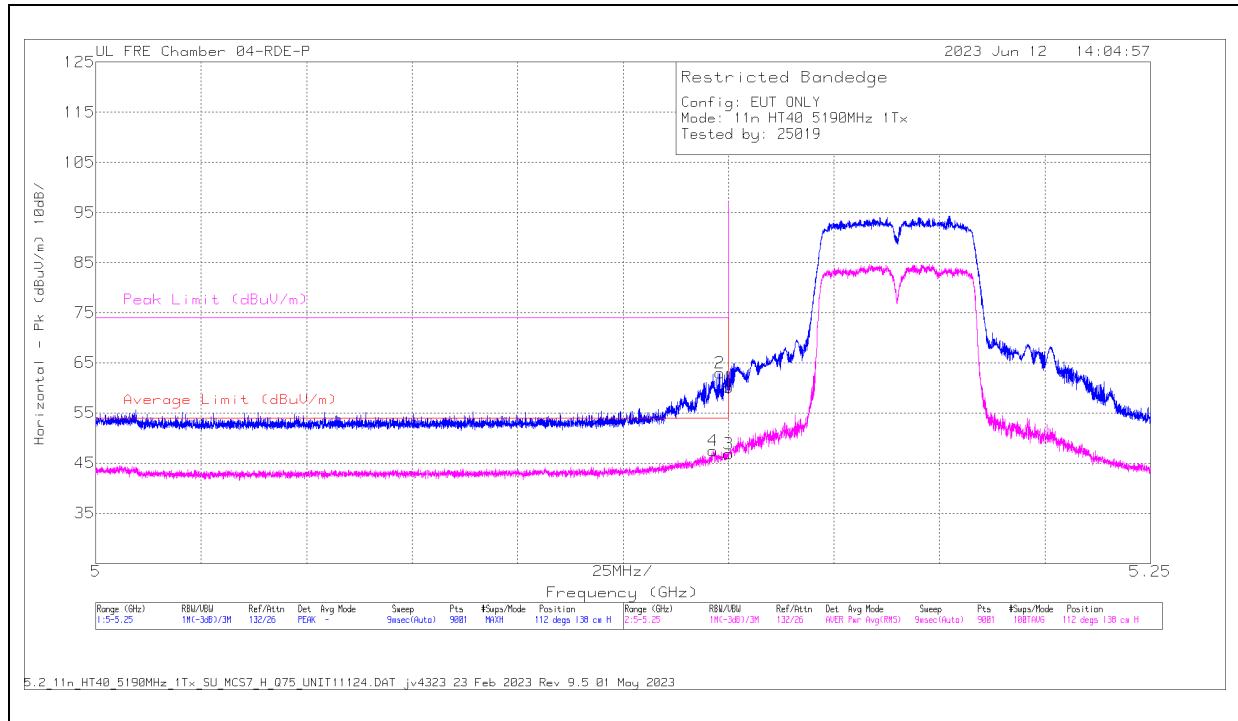
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	226673 ACF (dB) 3mH	DCCF (dB)	Gain/Loss (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	*5.15	65.21	Pk	34.2	0	-35.9	63.51	-	-	74	-10.49	24	115	V
2	*5.146335	67.51	Pk	34.2	0	-35.94	65.77	-	-	74	-8.23	24	115	V
3	*5.15	50.84	RMS	34.2	.92	-35.9	50.06	54	-3.94	-	-	24	115	V
4	*5.148751	52.08	RMS	34.2	.92	-35.9	51.3	54	-2.7	-	-	24	115	V

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

1TX Antenna 5 MODE

BANDEDGE (LOW CHANNEL)

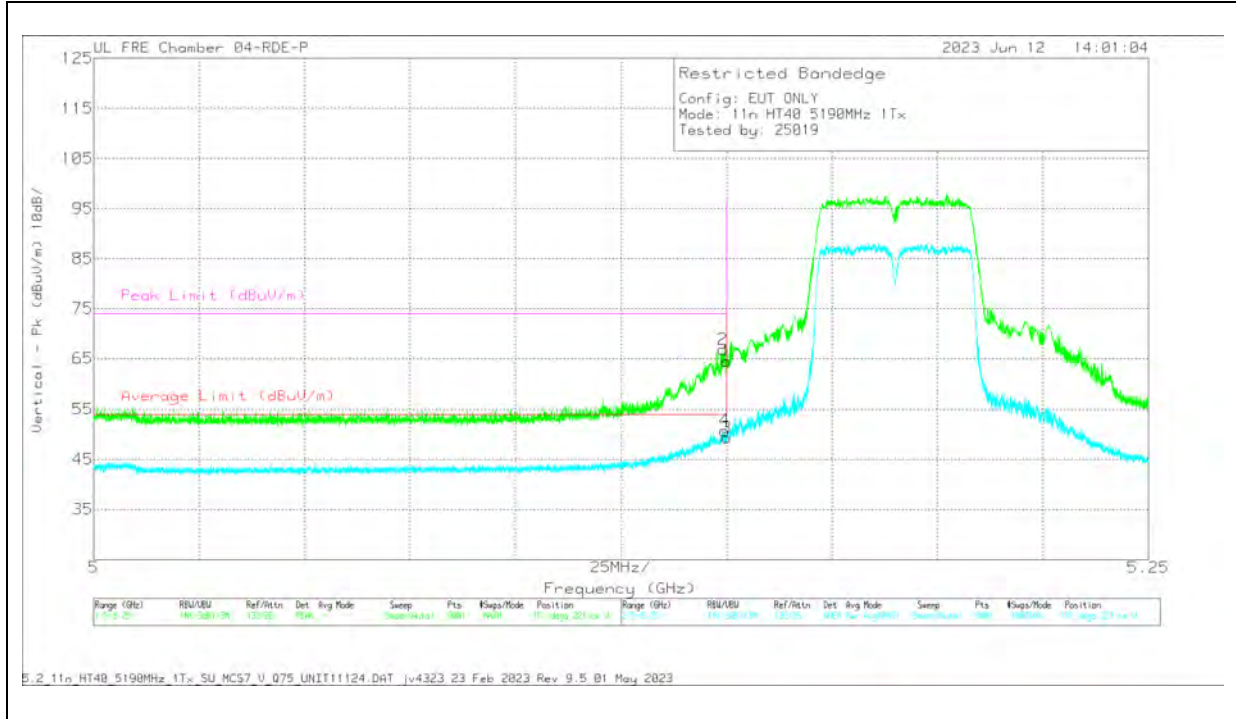
HORIZONTAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	222740 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	5.146335	51.17	RMS	34.1	.92	-38.54	47.65	54	-6.35	-	-	112	138	H
2	5.147918	67.52	Pk	34.1	0	-38.61	63.01	-	-	74	-10.99	112	138	H
1	5.15	64.53	Pk	34.1	0	-38.51	60.12	-	-	74	-13.88	112	138	H
3	5.15	50.56	RMS	34.1	.92	-38.51	47.07	54	-6.93	-	-	112	138	H

Pk - Peak detector
RMS - RMS detection

VERTICAL RESULT



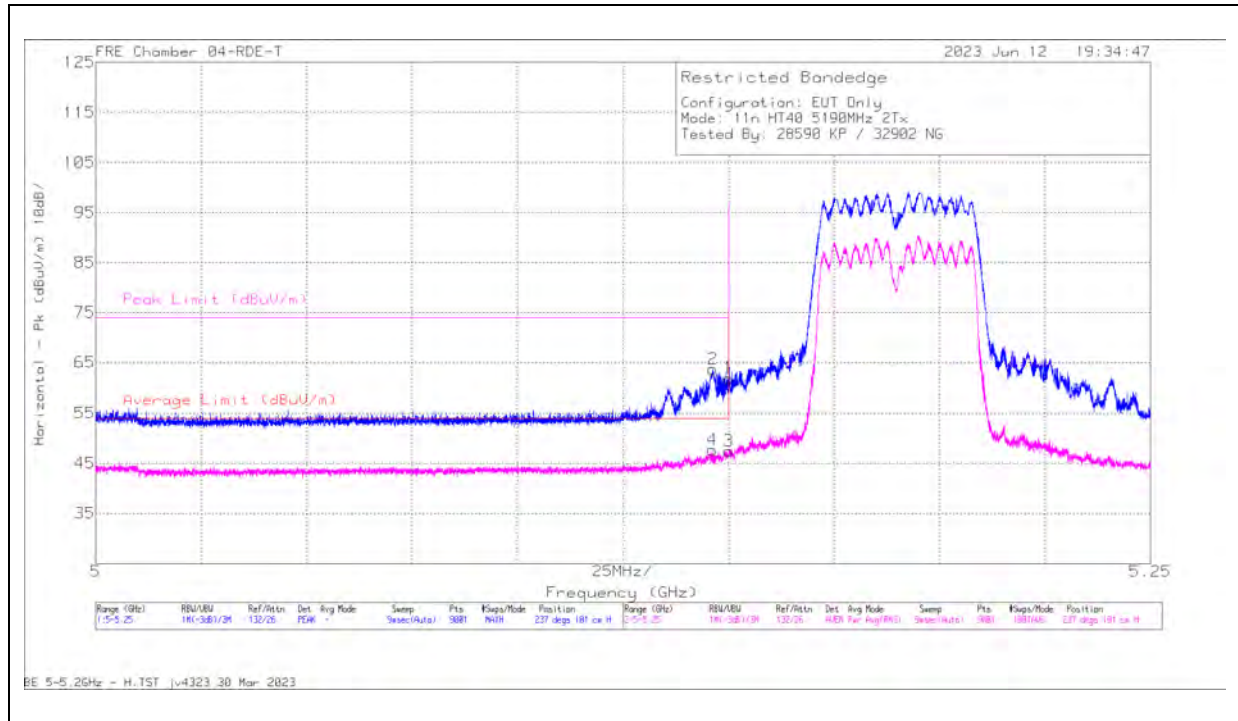
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	222740 ACF(dB) - 3mH	DCCF (dB)	Gain/Loss (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
2	5.149196	71.3	Pk	34.1	0	-38.53	66.87	-	-	74	-7.13	151	221	V
4	5.14964	54.5	RMS	34.1	.92	-38.52	51.00	54	-3.00	-	-	151	221	V
1	5.15	68.92	Pk	34.1	0	-38.51	64.51	-	-	74	-9.49	151	221	V
3	5.15	53.01	RMS	34.1	.92	-38.51	49.52	54	-4.48	-	-	151	221	V

Pk - Peak detector
 RMS - RMS detection

2TX Antenna 6 + Antenna 5 CDD MODE

BANDEDGE (LOW CHANNEL)

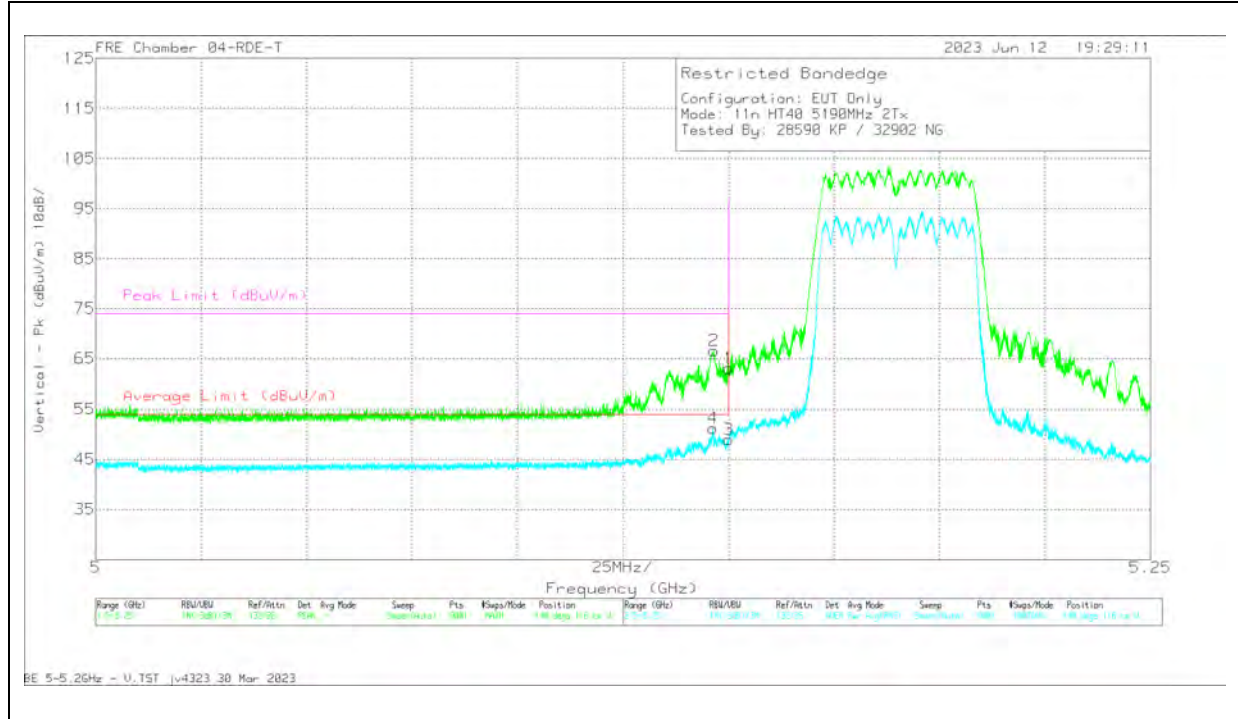
HORIZONTAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	226673 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	63.67	Pk	34.2	0	-35.9	61.97	-	-	74	-12.03	237	101	H
2	*5.146335	65.5	Pk	34.2	0	-35.94	63.76	-	-	74	-10.24	237	101	H
3	*5.15	48.56	RMS	34.2	.92	-35.9	47.78	54	-6.22	-	-	237	101	H
4	*5.14614	48.76	RMS	34.2	.92	-35.94	47.94	54	-6.06	-	-	237	101	H

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

VERTICAL RESULT

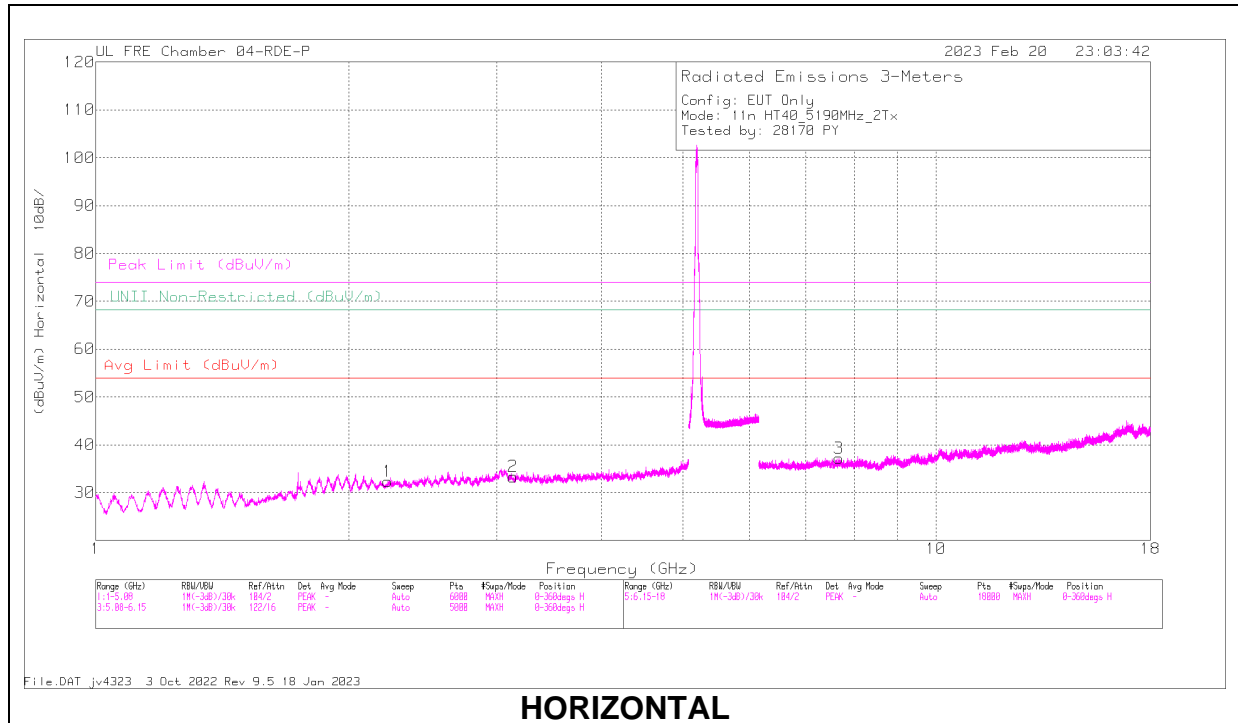


Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	226673 ACF (dB) 3mH	DCCF (dB)	Gain/Loss (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	*5.15	64.76	Pk	34.2	0	-35.9	63.06	-	-	74	-10.94	140	116	V
2	*5.146529	68.29	Pk	34.2	0	-35.93	66.56	-	-	74	-7.44	140	116	V
3	*5.15	49.99	RMS	34.2	.92	-35.9	49.21	54	-4.79	-	-	140	116	V
4	*5.146279	52.26	RMS	34.2	.92	-35.94	51.44	54	-2.56	-	-	140	116	V

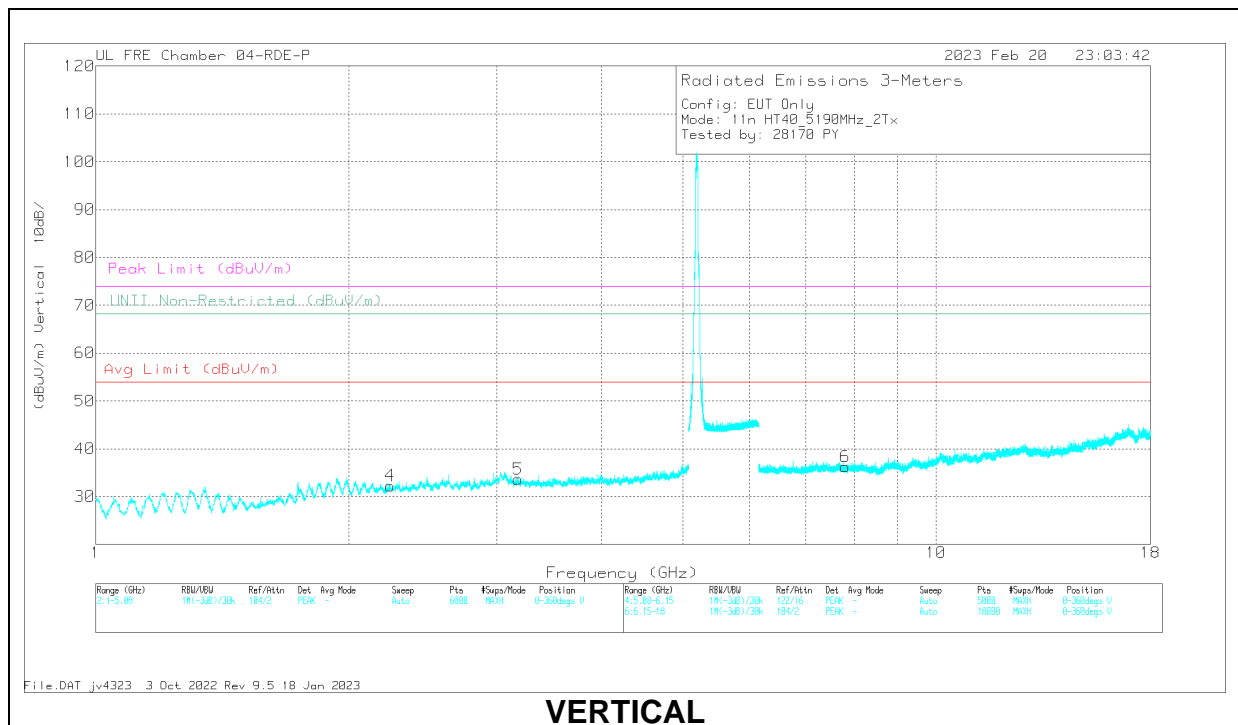
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band
 Pk - Peak detector
 RMS - RMS detection

HARMONICS AND SPURIOUS EMISSIONS

LOW CHANNEL RESULTS



HORIZONTAL



VERTICAL

RADIATED EMISSIONS

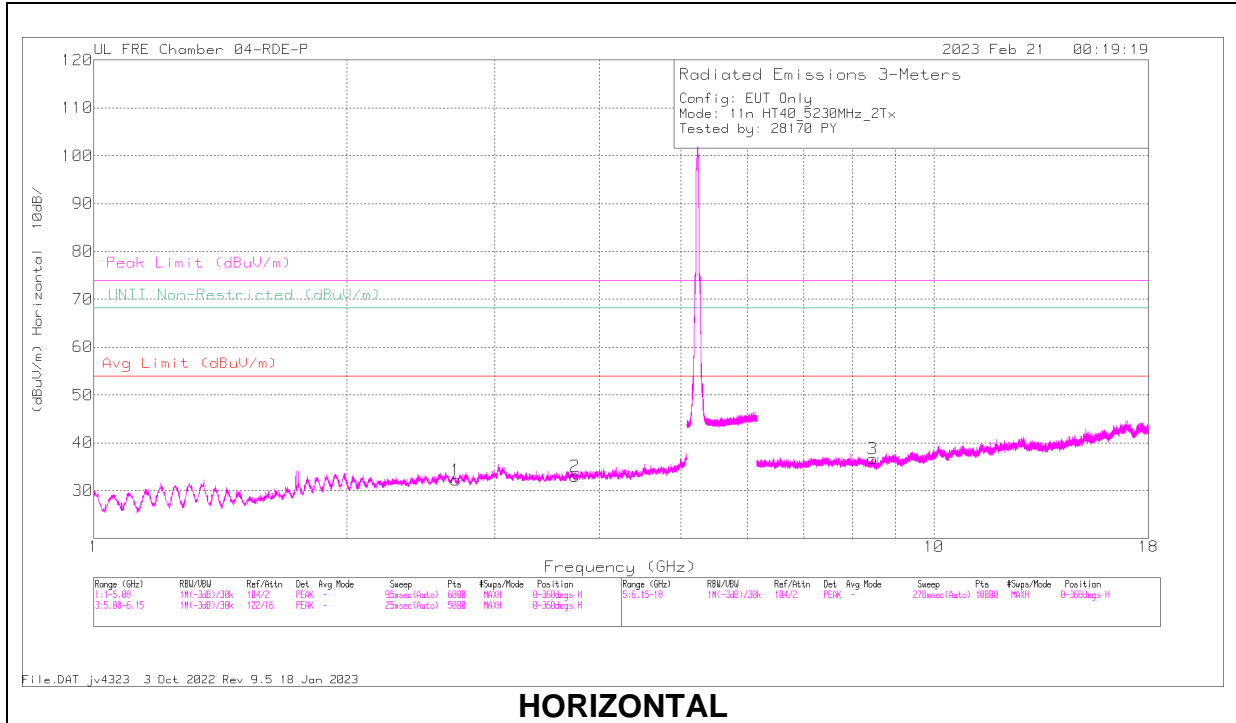
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	222740 ACF(dB) - 3mH	DCCF (dB)	Gain/Loss (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.223716	60.45	PK-U	31.2	0	-49.68	41.97	54	-12.03	74	-32.03	-	-	360	100	H
	* 2.227491	48.83	ADR	31.2	.19	-49.71	30.51	54	-23.49	-	-	-	-	360	100	H
4	* 2.243569	60.35	PK-U	31.2	0	-49.68	41.87	54	-12.13	74	-32.13	-	-	360	201	V
	* 2.241445	49.02	ADR	31.2	.19	-49.59	30.82	54	-23.18	-	-	-	-	360	201	V
2	* 7.665694	56.83	PK-U	35.7	0	-45.64	46.89	54	-7.11	74	-27.11	-	-	360	100	H
	* 7.66869	44.98	ADR	35.7	.19	-45.76	35.11	54	-18.89	-	-	-	-	360	100	H
3	3.135722	57.71	PK-U	33	0	-47.06	43.65	-	-	-	-	68.2	-24.55	360	100	H
5	3.181102	58.05	PK-U	32.9	0	-46.96	43.99	-	-	-	-	68.2	-24.21	360	200	V
6	7.795963	56.46	PK-U	35.7	0	-45.87	46.29	-	-	-	-	68.2	-21.91	360	201	V

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

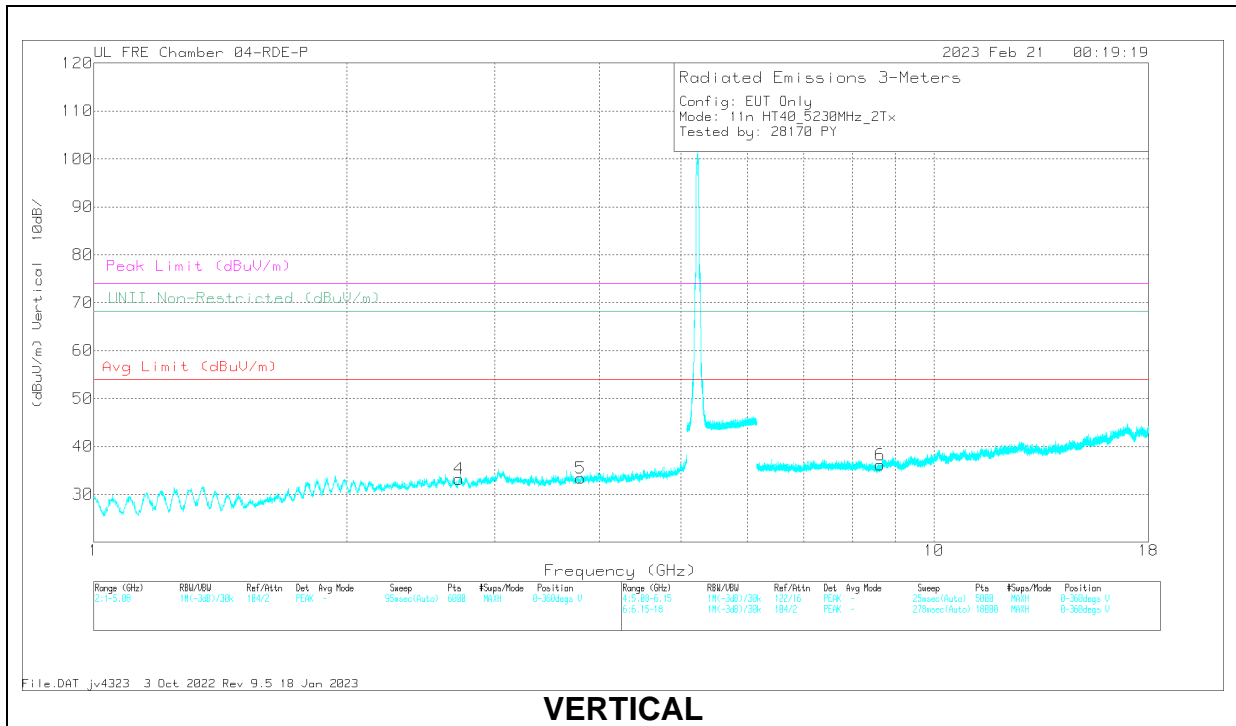
PK-U - U-NII: Maximum Peak

ADR - U-NII AD primary method, RMS average

HIGH CHANNEL RESULTS



HORIZONTAL



VERTICAL

RADIATED EMISSIONS

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	222740 ACF(dB) - 3mH	DCCF (dB)	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	* 2.698458	59.12	PK-U	32.3	0	-49.18	42.24	54	-11.76	74	-31.76	-	-	360	100	H
	* 2.698402	47.46	ADR	32.3	.19	-49.18	30.77	54	-23.23	-	-	-	-	360	100	H
2	* 3.734963	56.1	PK-U	33.1	0	-45.63	43.57	54	-10.43	74	-30.43	-	-	360	100	H
	* 3.734789	44.25	ADR	33.1	.19	-45.64	31.9	54	-22.1	-	-	-	-	360	100	H
4	* 2.720533	59.89	PK-U	32.2	0	-49.15	42.94	54	-11.06	74	-31.06	-	-	360	201	V
	* 2.721607	48.27	ADR	32.2	.19	-49.16	31.5	54	-22.5	-	-	-	-	360	201	V
5	* 3.799034	56.33	PK-U	33.3	0	-46.03	43.6	54	-10.4	74	-30.4	-	-	360	200	V
	* 3.797984	44.69	ADR	33.3	.19	-46.05	32.13	54	-21.87	-	-	-	-	360	200	V
3	* 8.45205	54.04	PK-U	35.6	0	-43.37	46.27	54	-7.73	74	-27.73	-	-	360	100	H
	* 8.452589	42.44	ADR	35.6	.19	-43.35	34.88	54	-19.12	-	-	-	-	360	100	H
6	8.630833	53.56	PK-U	35.8	0	-42.91	46.45	-	-	-	-	68.2	-21.75	360	201	V

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

PK-U - U-NII: Maximum Peak

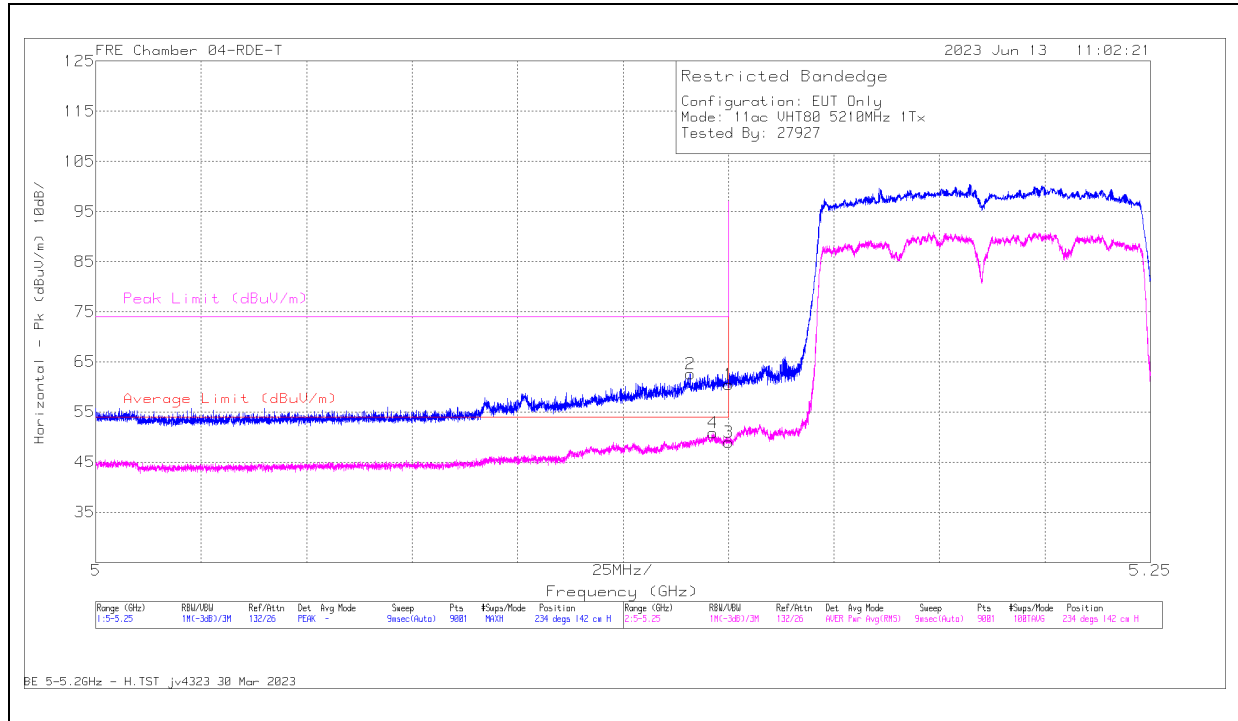
ADR - U-NII AD primary method, RMS average

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

1TX Antenna 6 MODE

BANDEDGE (MID CHANNEL)

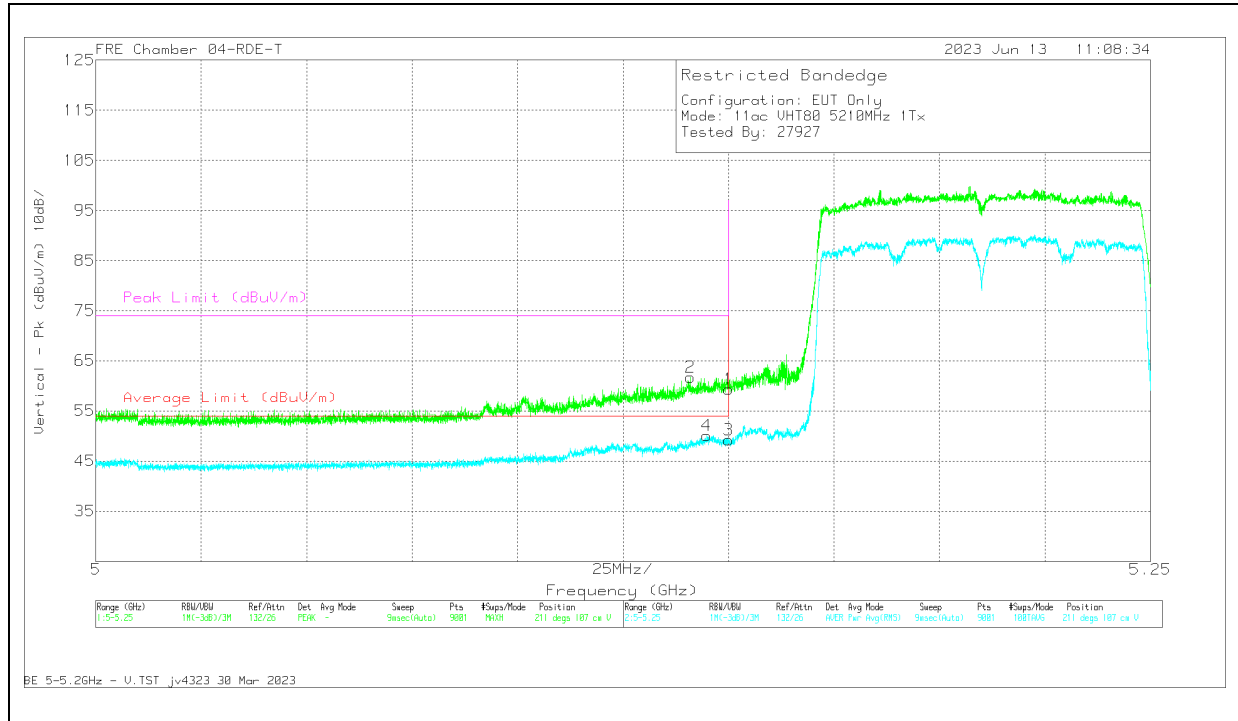
HORIZONTAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	226673 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	62.13	Pk	34.2	0	-35.9	60.43	-	-	74	-13.57	234	142	H
2	* 5.14089	64.3	Pk	34.2	0	-35.92	62.58	-	-	74	-11.42	234	142	H
3	* 5.15	49.19	RMS	34.2	1.43	-35.9	48.92	54	-5.08	-	-	234	142	H
4	*5.146362	51.14	RMS	34.2	1.43	-35.94	50.83	54	-3.17	-	-	234	142	H

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

VERTICAL RESULT



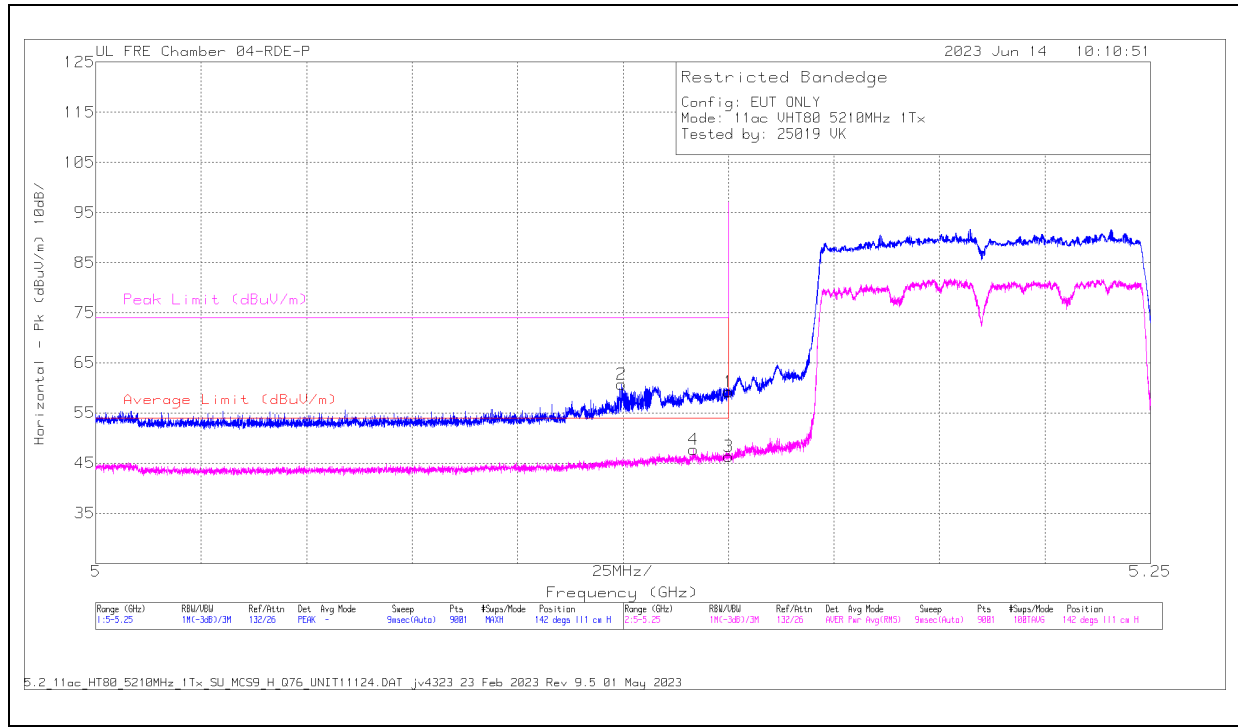
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	226673 ACF (dB) 3mH	DCCF (dB)	Gain/Loss (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	*5.15	61.06	Pk	34.2	0	-35.9	59.36	-	-	74	-14.64	211	107	V
2	*5.140946	63.45	Pk	34.2	0	-35.92	61.73	-	-	74	-12.27	211	107	V
3	*5.15	49.46	RMS	34.2	1.43	-35.9	49.19	54	-4.81	-	-	211	107	V
4	*5.144779	50.38	RMS	34.2	1.43	-35.95	50.06	54	-3.94	-	-	211	107	V

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

1TX Antenna 5 MODE

BANDEDGE (MID CHANNEL)

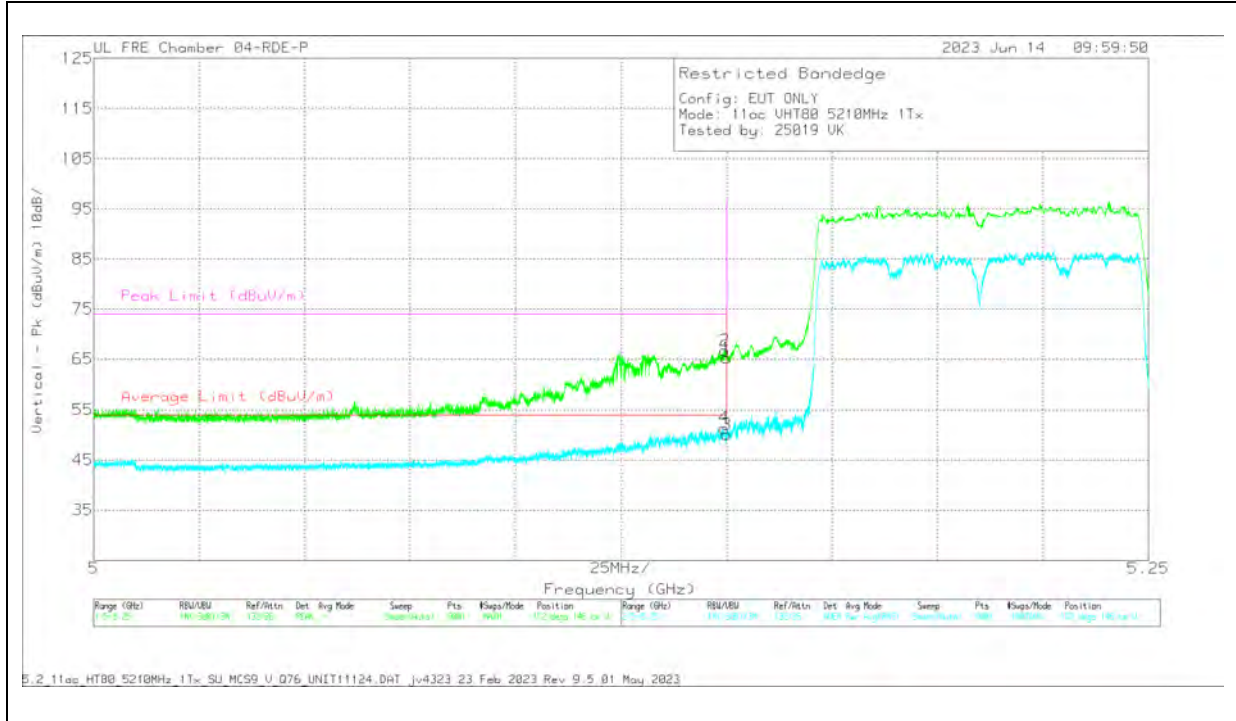
HORIZONTAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	222740 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	5.124612	65.33	Pk	34	0	-38.61	60.72	-	-	74	-13.28	142	111	H
4	5.141696	50.68	RMS	34.1	1.43	-38.51	47.70	54	-6.30	-	-	142	111	H
1	5.15	63.67	Pk	34.1	0	-38.51	59.26	-	-	74	-14.74	142	111	H
3	5.15	49.28	RMS	34.1	1.43	-38.51	46.30	54	-7.70	-	-	142	111	H

Pk - Peak detector
 RMS - RMS detection

VERTICAL RESULT



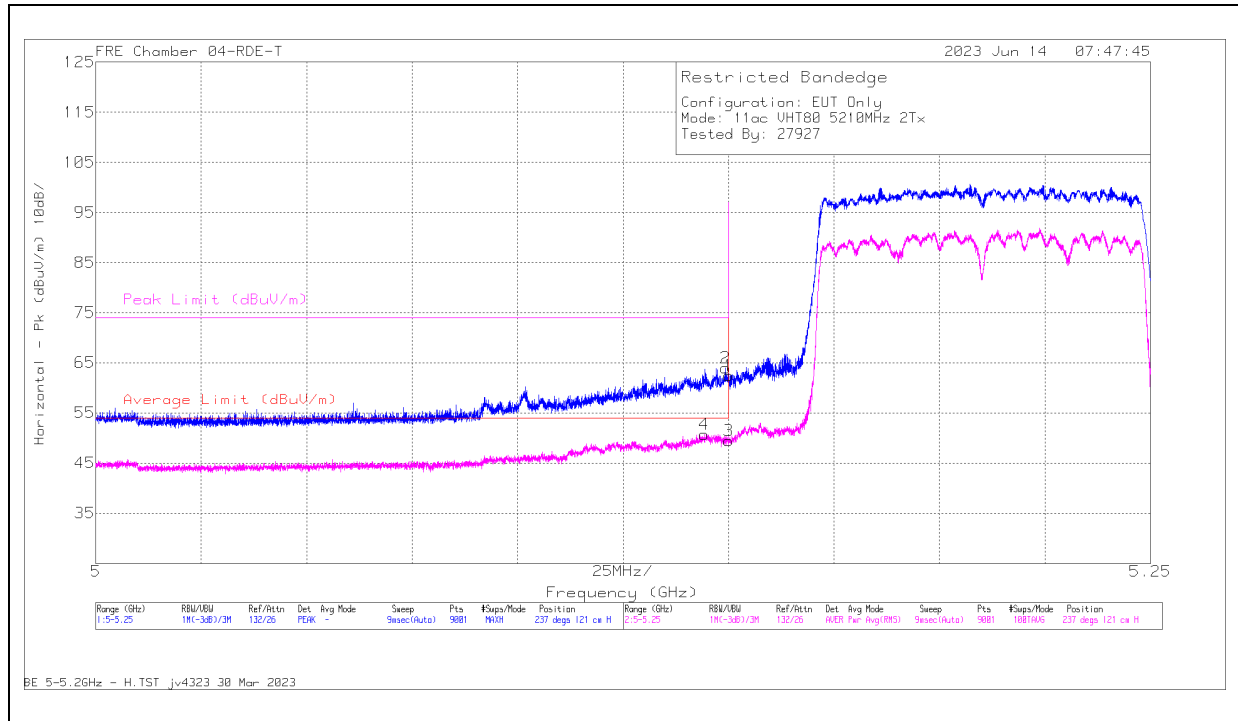
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	222740 ACF(dB) - 3mH	DCCF (dB)	Gain/Loss (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
4	5.149446	54.4	RMS	34.1	1.43	-38.52	51.41	54	-2.59	-	-	152	146	V
2	5.14964	71.15	Pk	34.1	0	-38.52	66.73	-	-	74	-7.27	152	146	V
1	5.15	69.69	Pk	34.1	0	-38.51	65.28	-	-	74	-8.72	152	146	V
3	5.15	53.04	RMS	34.1	1.43	-38.51	50.06	54	-3.94	-	-	152	146	V

Pk - Peak detector
 RMS - RMS detection

2TX Antenna 6 + Antenna 5 CDD MODE

BANDEDGE (MID CHANNEL)

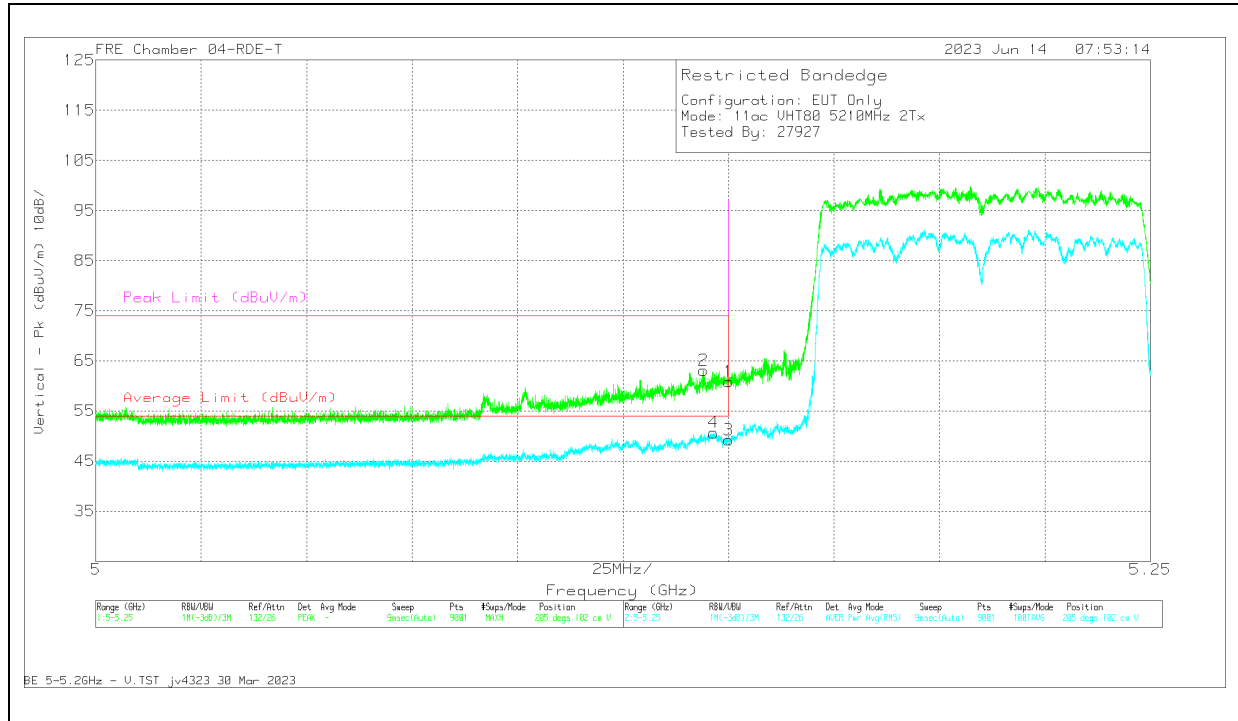
HORIZONTAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	226673 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	64.16	Pk	34.2	0	-35.9	62.46	-	-	74	-11.54	237	121	H
2	*5.149307	65.66	Pk	34.2	0	-35.9	63.96	-	-	74	-10.04	237	121	H
3	* 5.15	49.7	RMS	34.2	1.43	-35.9	49.43	54	-4.57	-	-	237	121	H
4	*5.144223	51.05	RMS	34.2	1.43	-35.93	50.75	54	-3.25	-	-	237	121	H

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

VERTICAL RESULT

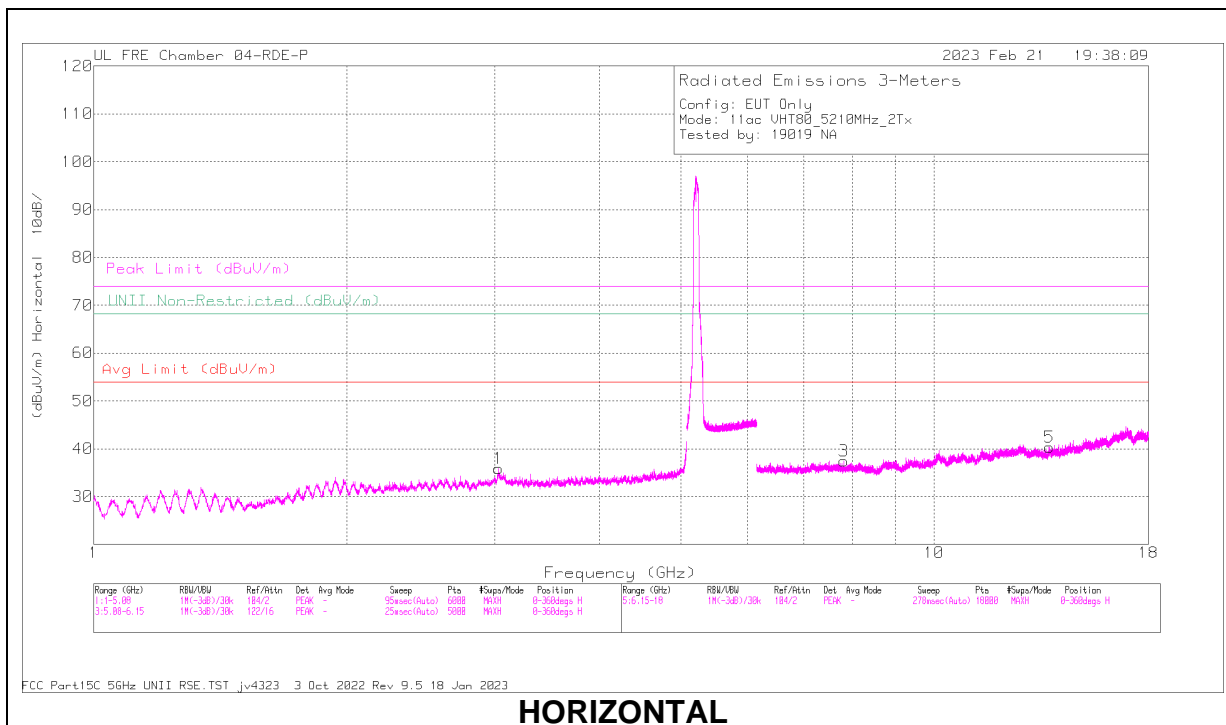


Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	226673 ACF (dB) 3mH	DCCF (dB)	Gain/Loss (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	*5.15	62.6	Pk	34.2	0	-35.9	60.9	-	-	74	-13.1	205	102	V
2	*5.144112	64.89	Pk	34.2	0	-35.93	63.16	-	-	74	-10.84	205	102	V
3	*5.15	49.44	RMS	34.2	1.43	-35.9	49.17	54	-4.83	-	-	205	102	V
4	*5.146473	50.97	RMS	34.2	1.43	-35.94	50.66	54	-3.34	-	-	205	102	V

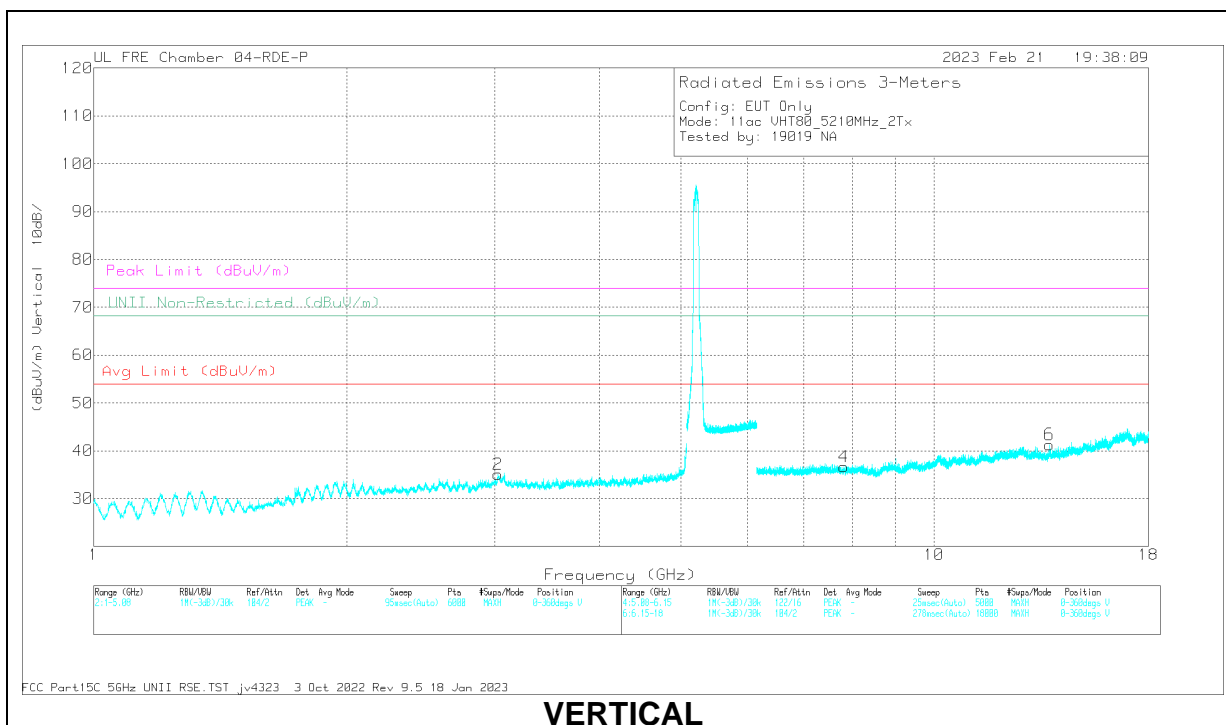
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band
 Pk - Peak detector
 RMS - RMS detection

HARMONICS AND SPURIOUS EMISSIONS

MID CHANNEL RESULTS



HORIZONTAL



VERTICAL

RADIATED EMISSIONS

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	3.03121	59.66	PK-U	33.4	-47.78	45.28	68.2	-22.92	253	244	V
1	3.032605	59.45	PK-U	33.4	-47.76	45.09	68.2	-23.11	299	150	H
4	7.806175	56.74	PK-U	35.7	-45.79	46.65	68.2	-21.55	208	151	V
3	7.813018	55.21	PK-U	35.7	-45.84	45.07	68.2	-23.13	156	182	H
6	13.717328	54.82	PK-U	38.5	-43.9	49.42	68.2	-18.78	155	282	V
5	13.723864	53.02	PK-U	38.5	-43.85	47.67	68.2	-20.53	77	269	H

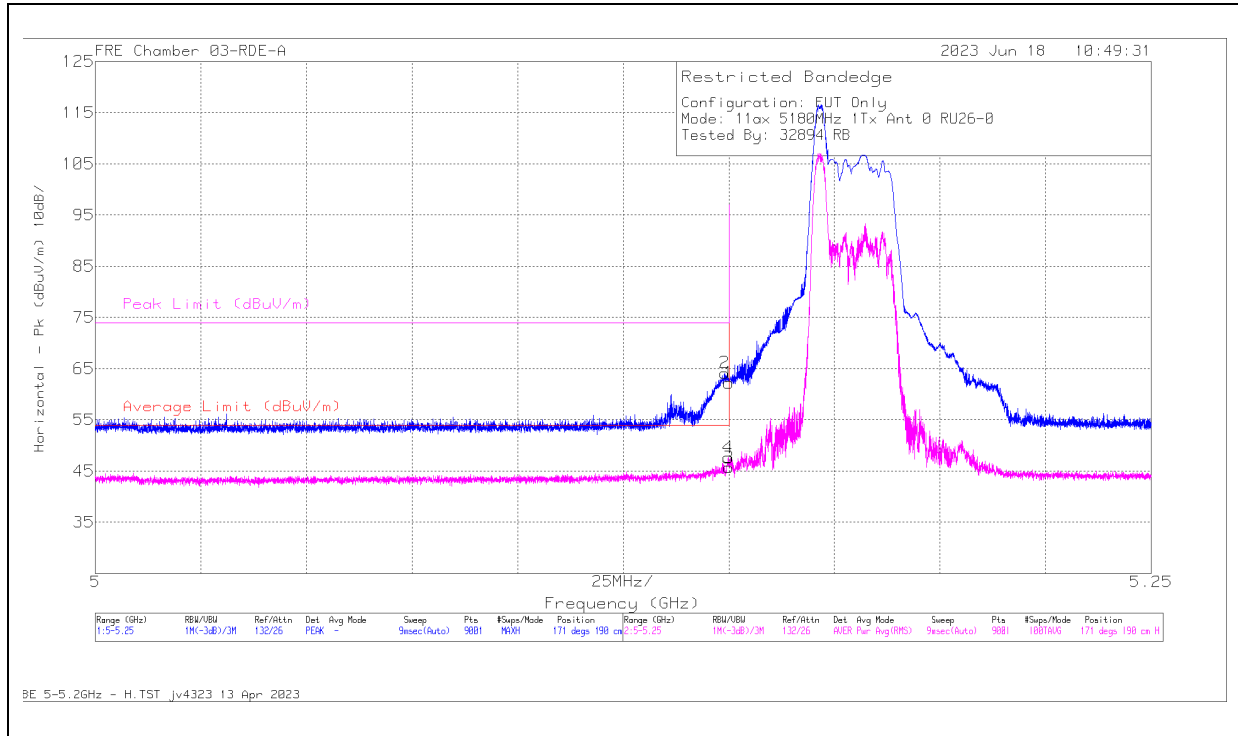
PK-U - U-NII: Maximum Peak

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

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

BANDEDGE (LOW CHANNEL)

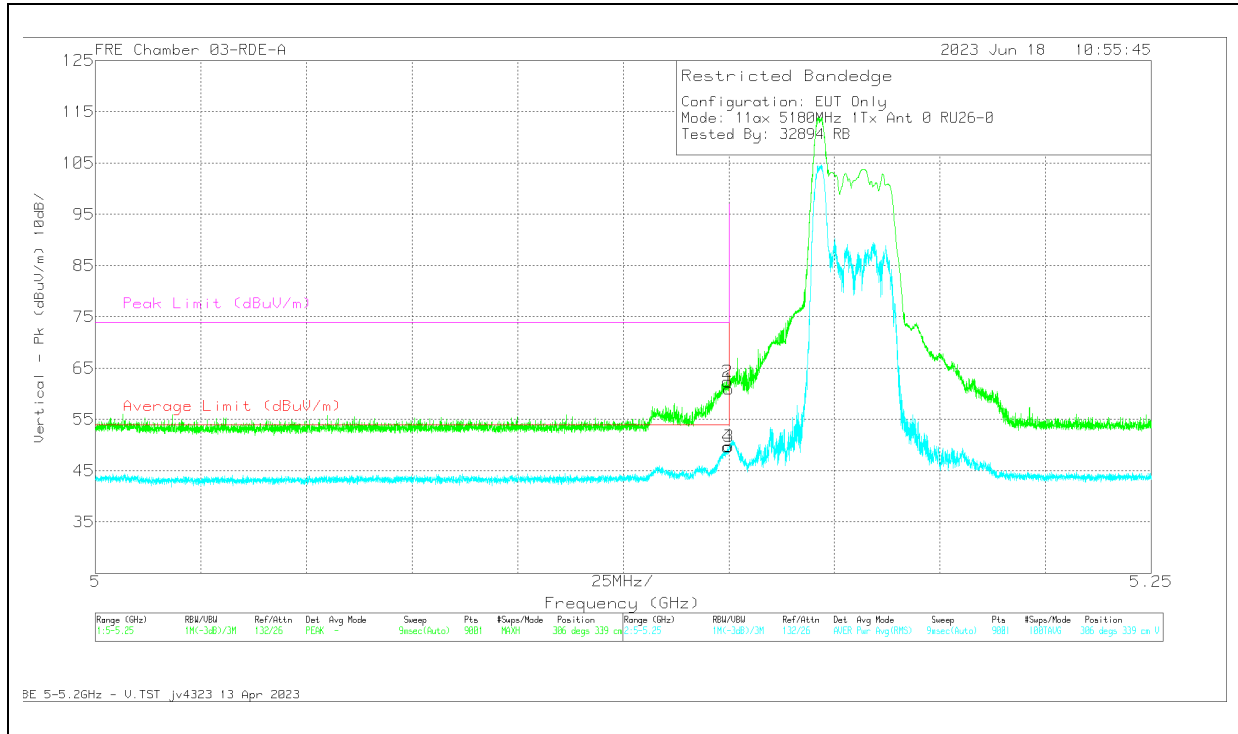
HORIZONTAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	230299 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	66.32	Pk	34.6	0	-38.69	62.23	-	-	74	-11.77	171	190	H
2	*5.149057	68.3	Pk	34.6	0	-38.72	64.18	-	-	74	-9.82	171	190	H
3	* 5.15	49.18	RMS	34.6	.48	-38.69	45.44	54	-8.56	-	-	171	190	H
4	*5.149862	51.1	RMS	34.6	.48	-38.69	47.36	54	-6.64	-	-	171	190	H

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

VERTICAL RESULT



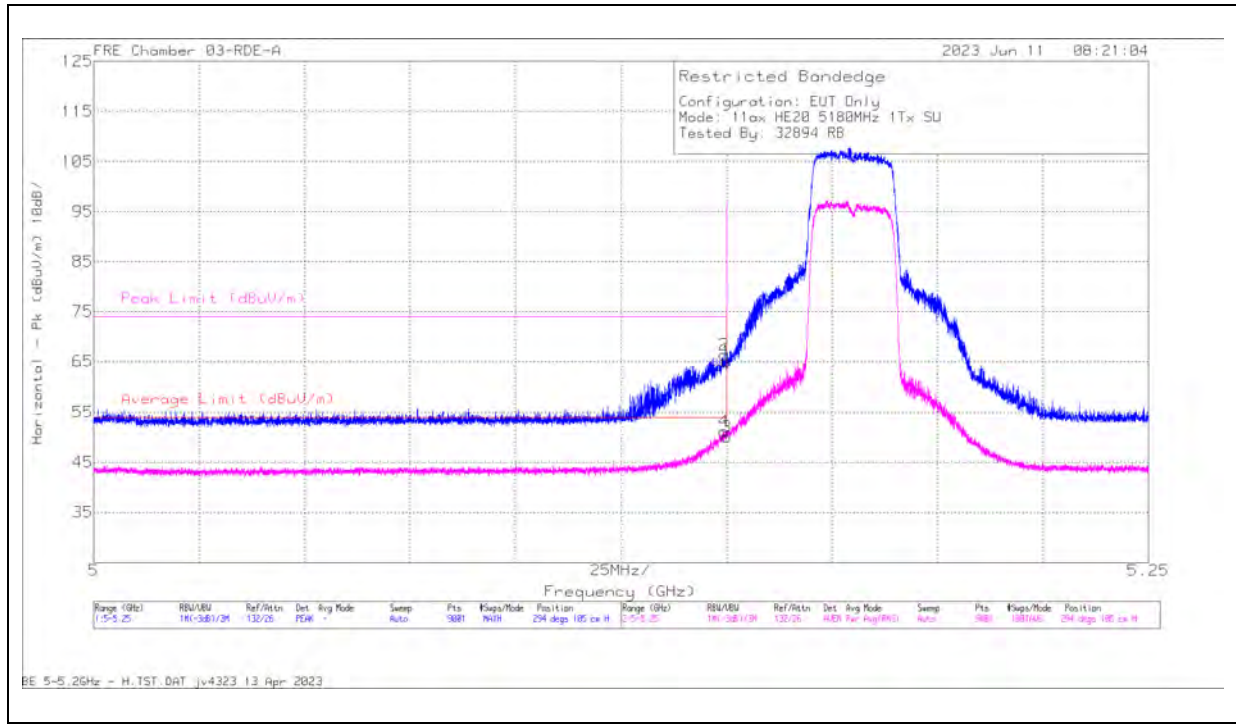
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	230299 ACF (dB/m)	DCCF (dB)	Gain/Loss (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 5.15	65.01	Pk	34.6	0	-38.69	60.92	-	-	74	-13.08	306	339	V
2	*5.149696	66.47	Pk	34.6	0	-38.7	62.37	-	-	74	-11.63	306	339	V
3	* 5.15	53.22	RMS	34.6	.48	-38.69	49.61	54	-4.39	-	-	306	339	V
4	*5.149696	53.15	RMS	34.6	.48	-38.7	49.53	54	-4.47	-	-	306	339	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)

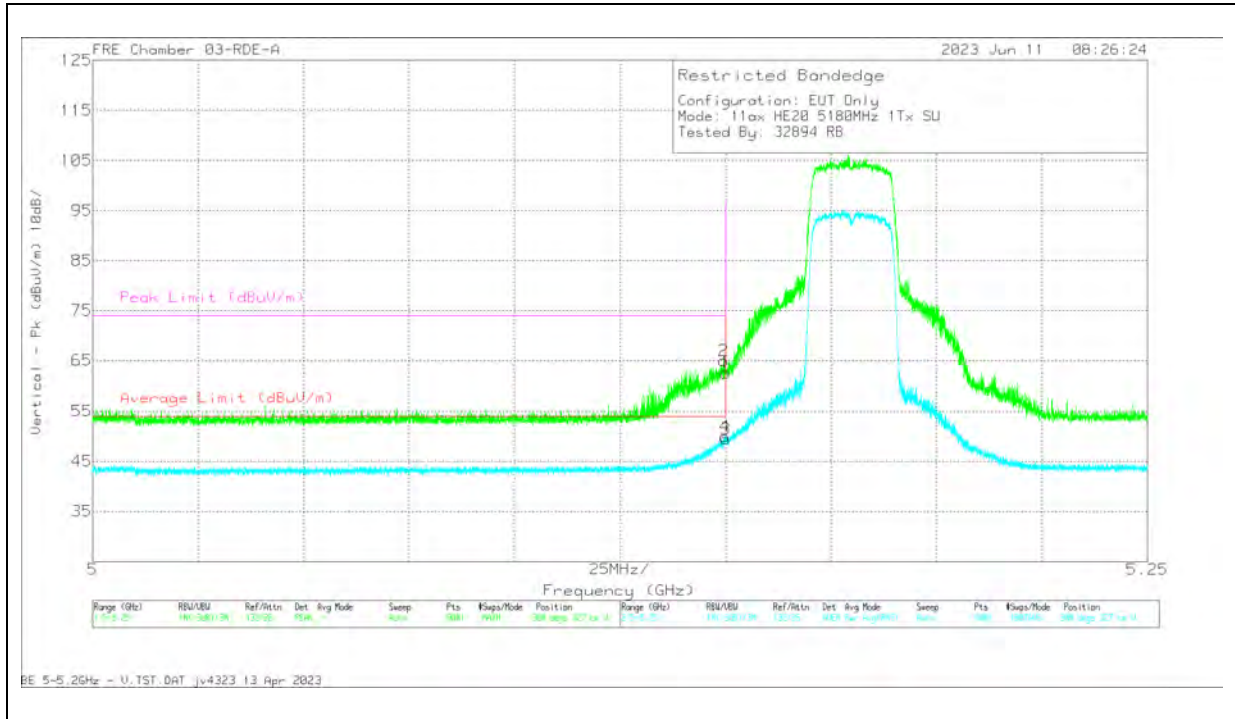
HORIZONTAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	230299 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	69.21	Pk	34.6	0	-38.69	65.12	-	-	74	-8.88	294	105	H
2	*5.149473	70.43	Pk	34.6	0	-38.71	66.32	-	-	74	-7.68	294	105	H
3	* 5.15	53.66	RMS	34.6	.61	-38.69	50.18	54	-3.82	-	-	294	105	H
4	* 5.14939	54.74	RMS	34.6	.61	-38.71	51.24	54	-2.76	-	-	294	105	H

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

VERTICAL RESULT



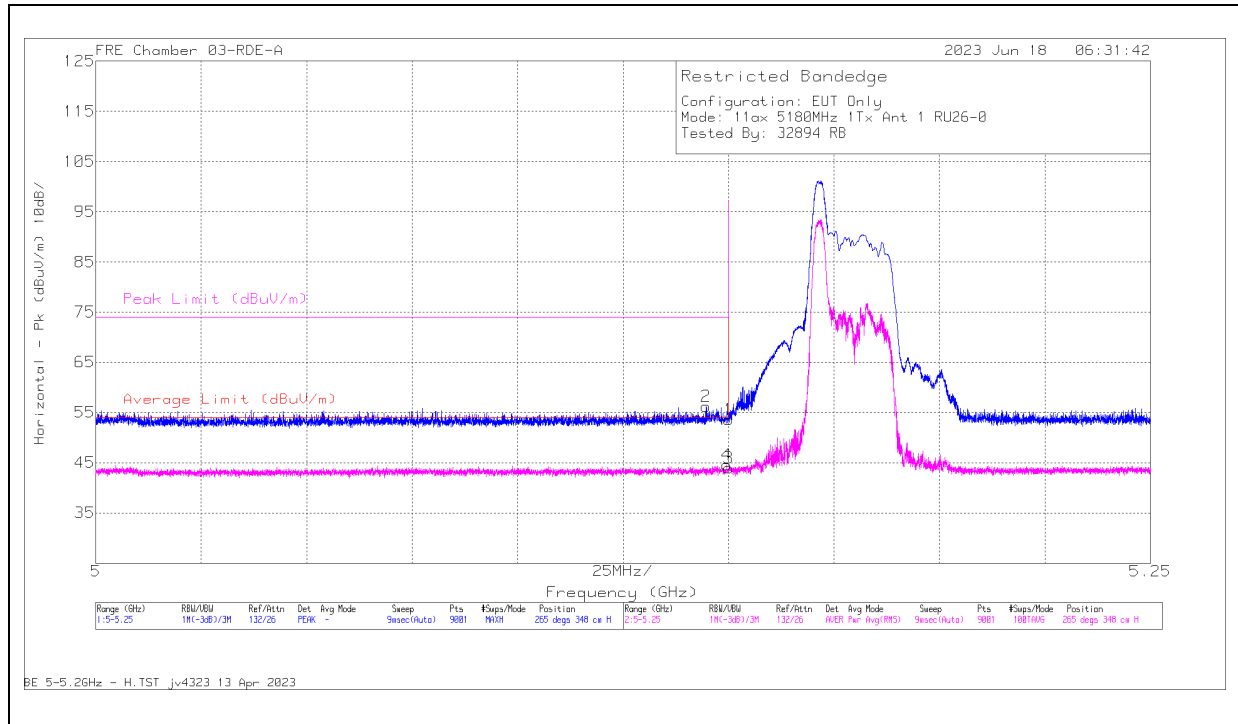
Marker	Frequency (GHz)	Meter Reading (dBUV)	Det	230299 ACF (dB/m)	DCCF (dB)	Gain/Loss (dB)	Corrected Reading (dBUV/m)	Average Limit (dBUV/m)	Margin (dB)	Peak Limit (dBUV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	*5.15	66.67	Pk	34.6	0	-38.69	62.58	-	-	74	-11.42	308	327	V
2	*5.14964	69.05	Pk	34.6	0	-38.7	64.95	-	-	74	-9.05	308	327	V
3	*5.15	53.02	RMS	34.6	.61	-38.69	49.54	54	-4.46	-	-	308	327	V
4	*5.149807	53.54	RMS	34.6	.61	-38.7	50.05	54	-3.95	-	-	308	327	V

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

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

BANDEDGE (LOW CHANNEL)

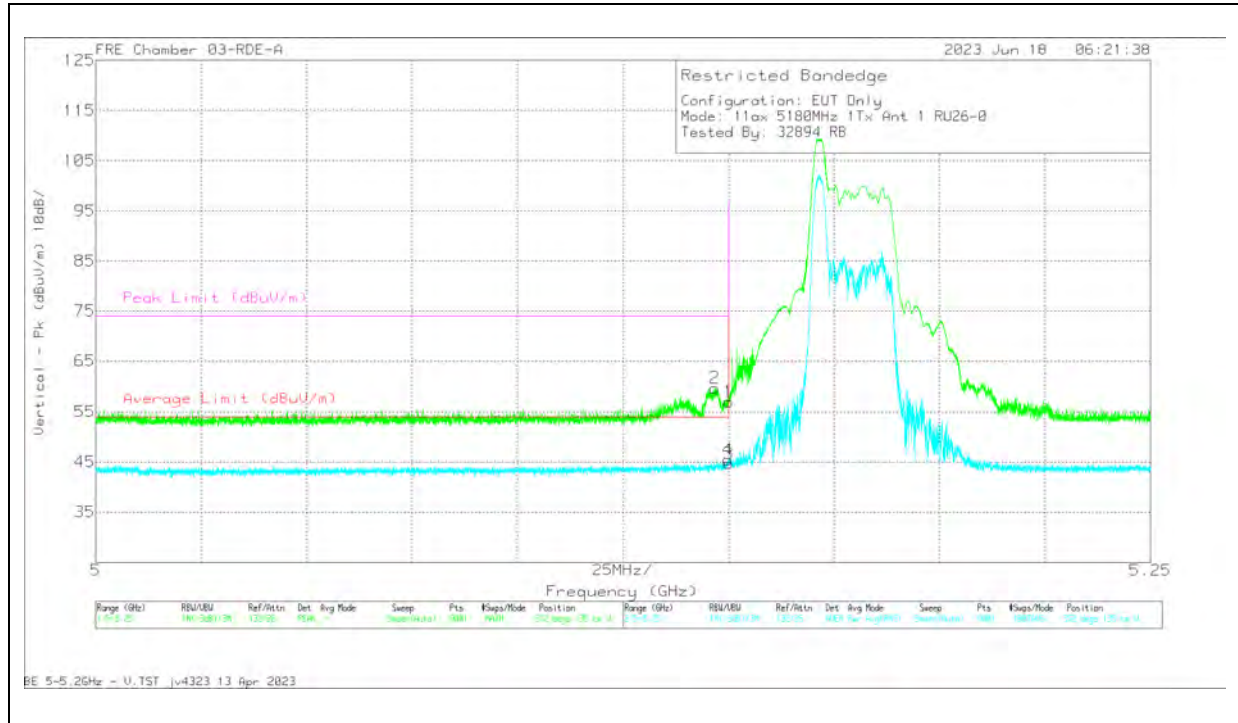
HORIZONTAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	230299 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	57.74	Pk	34.6	0	-38.69	53.65	-	-	74	-20.35	265	348	H
2	*5.144723	60.4	Pk	34.6	0	-38.79	56.21	-	-	74	-17.79	265	348	H
3	* 5.15	47.47	RMS	34.6	.48	-38.69	43.86	54	-10.14	-	-	265	348	H
4	*5.149585	48.03	RMS	34.6	.48	-38.7	44.41	54	-9.59	-	-	265	348	H

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

VERTICAL RESULT



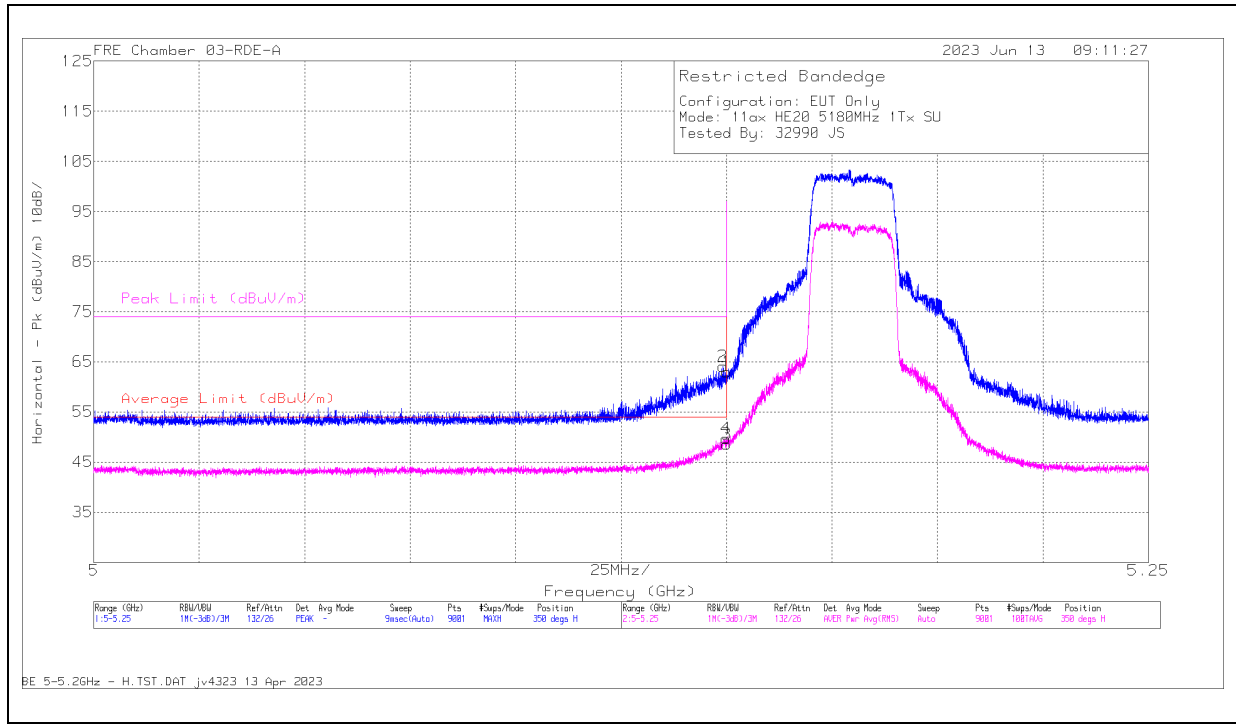
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	230299 ACF (dB/m)	DCCF (dB)	Gain/Loss (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	*5.15	61.13	Pk	34.6	0	-38.69	57.04	-	-	74	-16.96	352	135	V
2	*5.146696	63.96	Pk	34.6	0	-38.78	59.78	-	-	74	-14.22	352	135	V
3	*5.15	48.24	RMS	34.6	.48	-38.69	44.63	54	-9.37	-	-	352	135	V
4	*5.149918	48.89	RMS	34.6	.48	-38.69	45.28	54	-8.72	-	-	352	135	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)

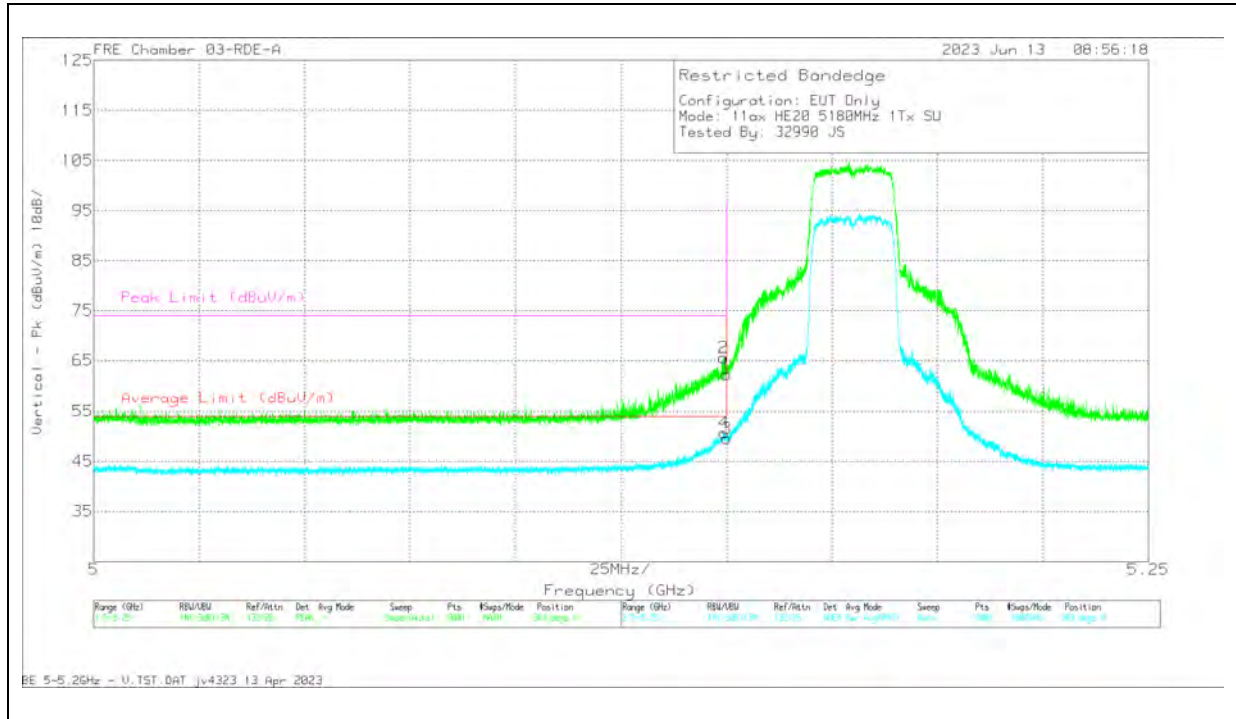
HORIZONTAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	230299 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	67.04	Pk	34.6	0	-38.69	62.95	-	-	74	-11.05	350	366	H
2	*5.149168	68.23	Pk	34.6	0	-38.71	64.12	-	-	74	-9.88	350	366	H
3	*5.15	52.04	RMS	34.6	.61	-38.69	48.56	54	-5.44	-	-	350	366	H
4	*5.149862	53.19	RMS	34.6	.61	-38.69	49.71	54	-4.29	-	-	350	366	H

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

VERTICAL RESULT



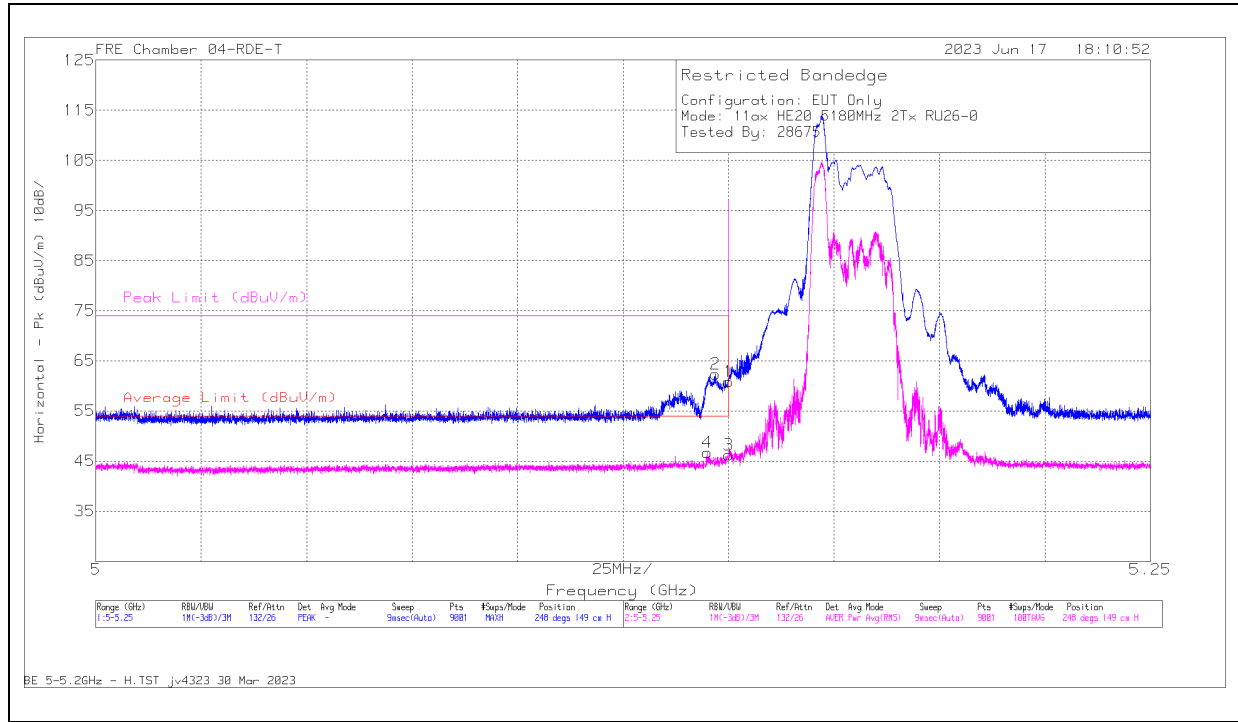
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	230299 ACF (dB/m)	DCCF (dB)	Gain/Loss (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	*5.15	66.4	Pk	34.6	0	-38.69	62.31	-	-	74	-11.69	303	137	V
2	*5.149223	69.67	Pk	34.6	0	-38.71	65.56	-	-	74	-8.44	303	137	V
3	*5.15	53.05	RMS	34.6	.61	-38.69	49.57	54	-4.43	-	-	303	137	V
4	*5.149418	54.25	RMS	34.6	.61	-38.71	50.75	54	-3.25	-	-	303	137	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-Tone, RU Index 0

BANDEDGE (LOW CHANNEL)

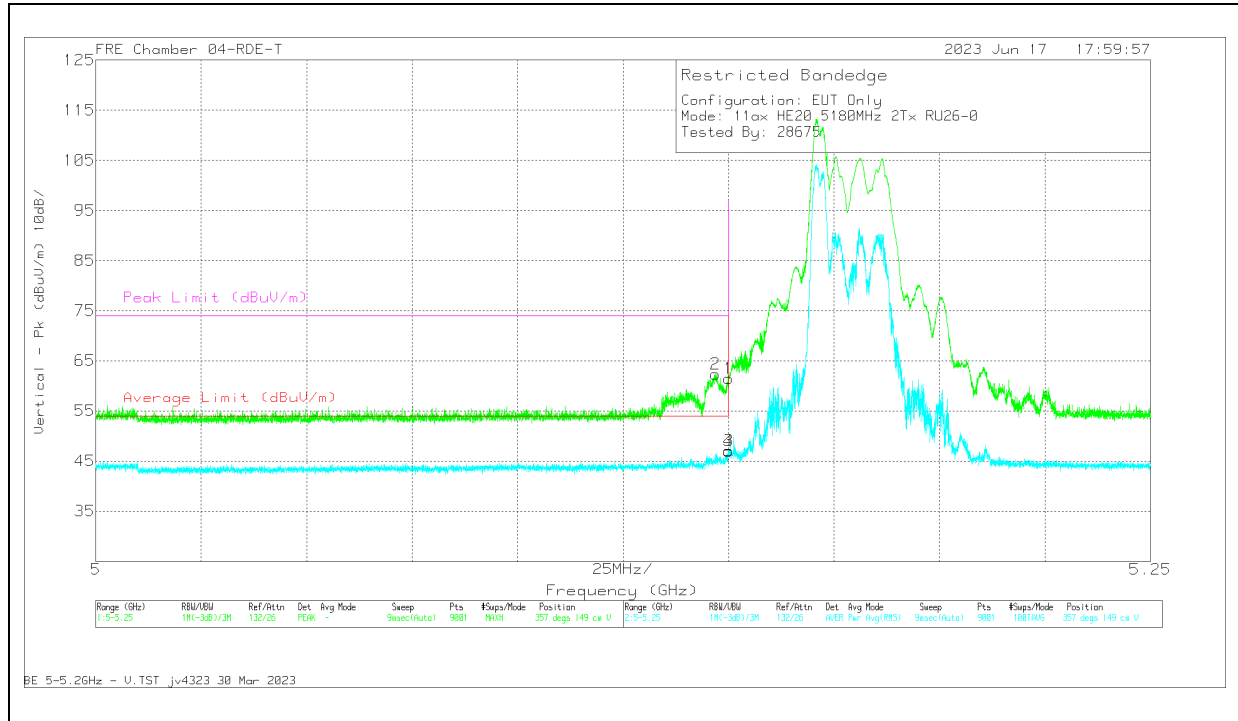
HORIZONTAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	226673 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	62.58	Pk	34.2	0	-35.9	60.88	-	-	74	-13.12	248	149	H
2	*5.146918	64.05	Pk	34.2	0	-35.93	62.32	-	-	74	-11.68	248	149	H
3	* 5.15	47.3	RMS	34.2	.48	-35.9	46.08	54	-7.92	-	-	248	149	H
4	*5.145001	47.8	RMS	34.2	.48	-35.95	46.53	54	-7.47	-	-	248	149	H

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

VERTICAL RESULT

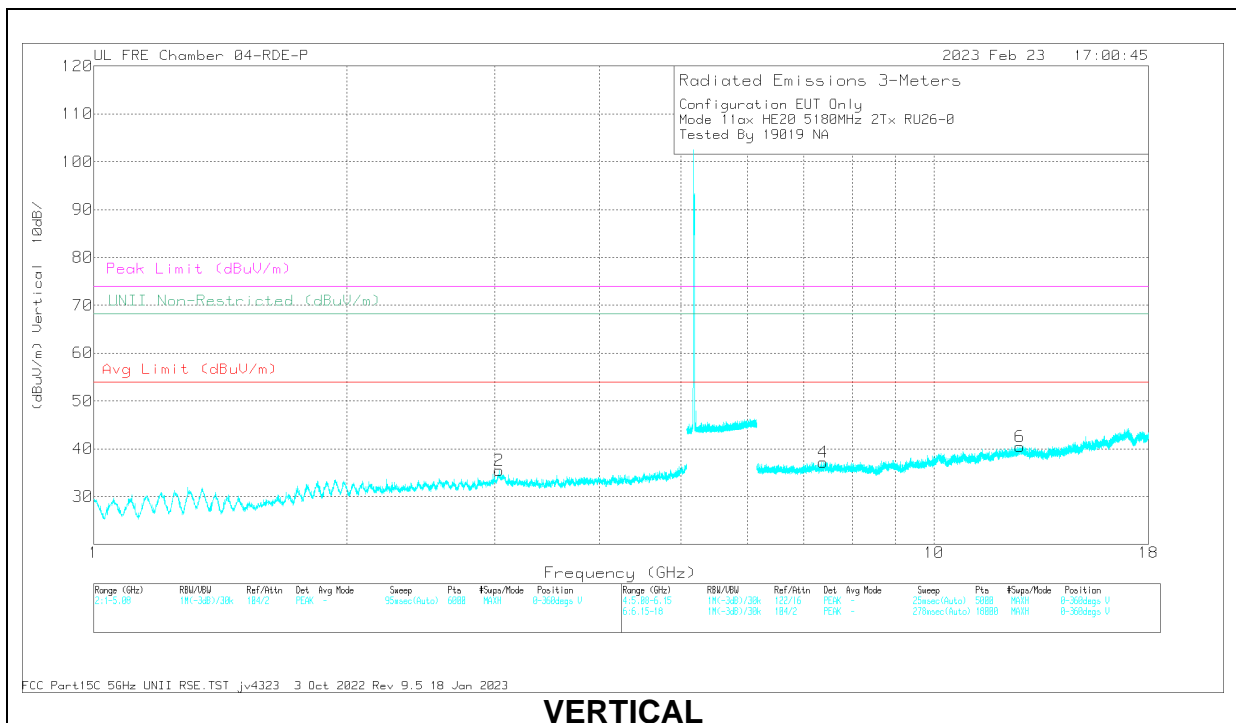
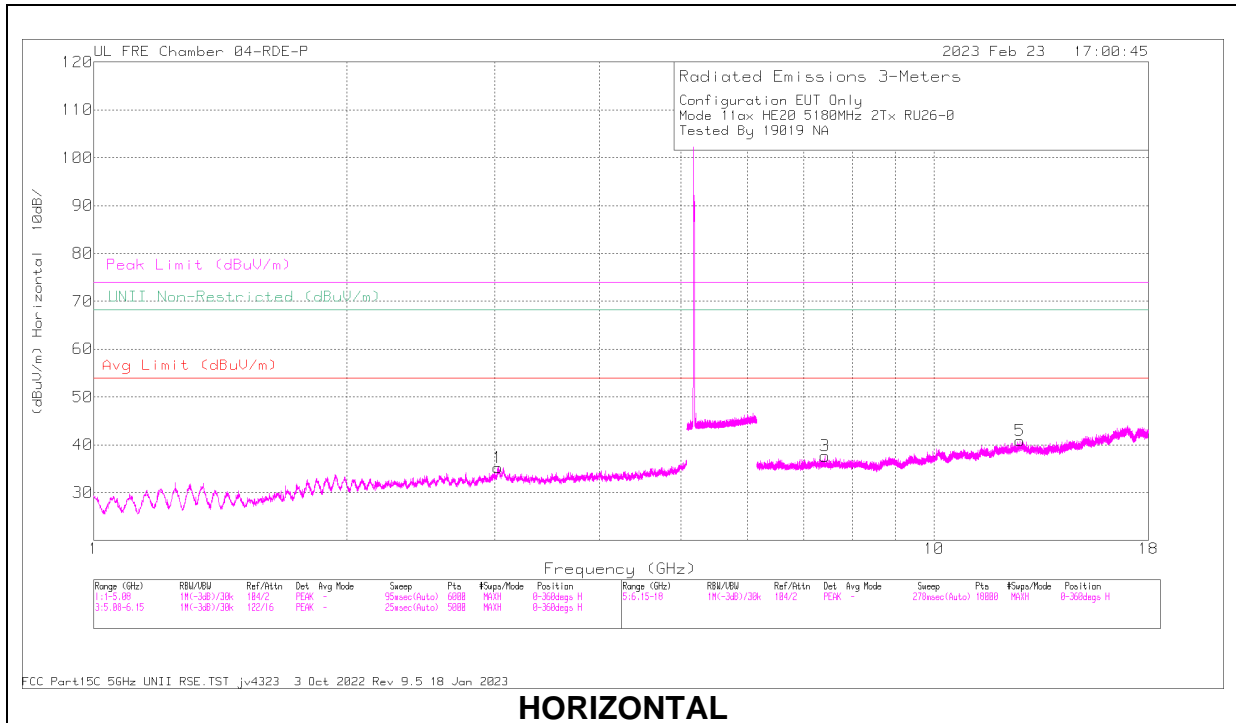


Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	226673 ACF (dB) 3mH	DCCF (dB)	Gain/Loss (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 5.15	63.12	Pk	34.2	0	-35.9	61.42	-	-	74	-12.58	357	149	V
2	* 5.14689	64.08	Pk	34.2	0	-35.93	62.35	-	-	74	-11.65	357	149	V
3	* 5.15	48.17	RMS	34.2	.48	-35.9	46.95	54	-7.05	-	-	357	149	V
4	*5.149973	48.06	RMS	34.2	.48	-35.9	46.87	54	-7.16	-	-	357	149	V

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

HARMONICS AND SPURIOUS EMISSIONS

LOW CHANNEL RESULTS

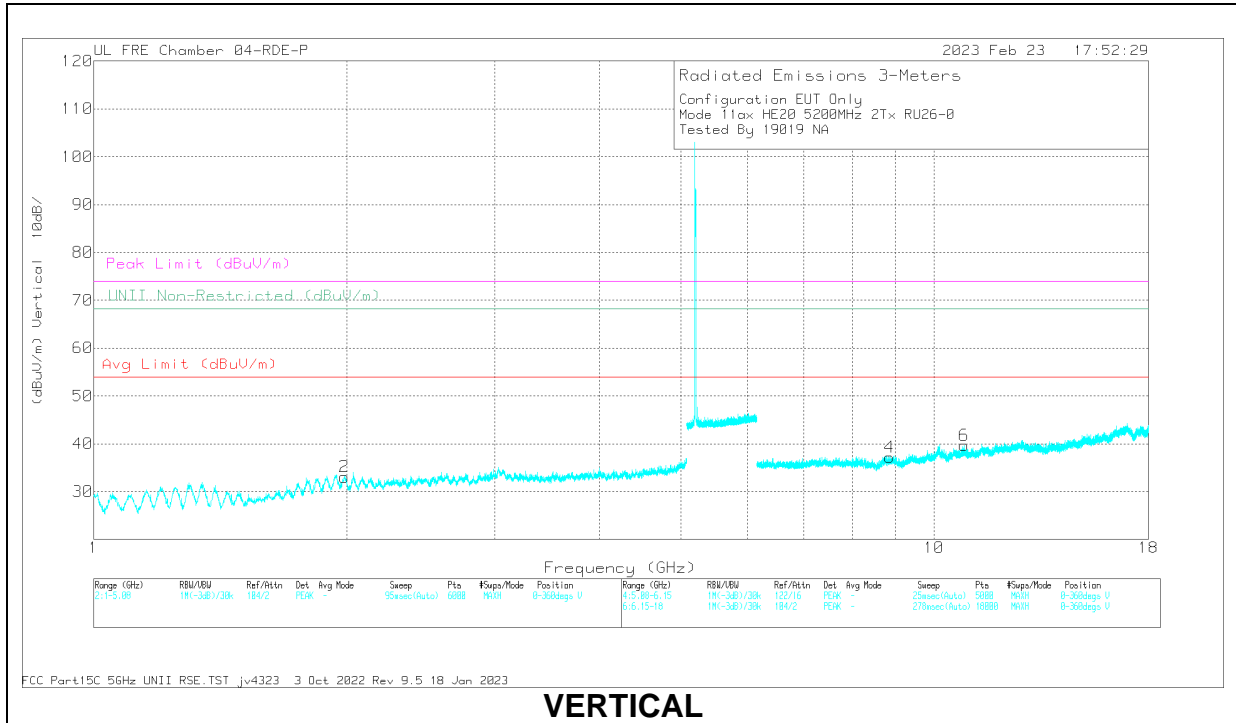
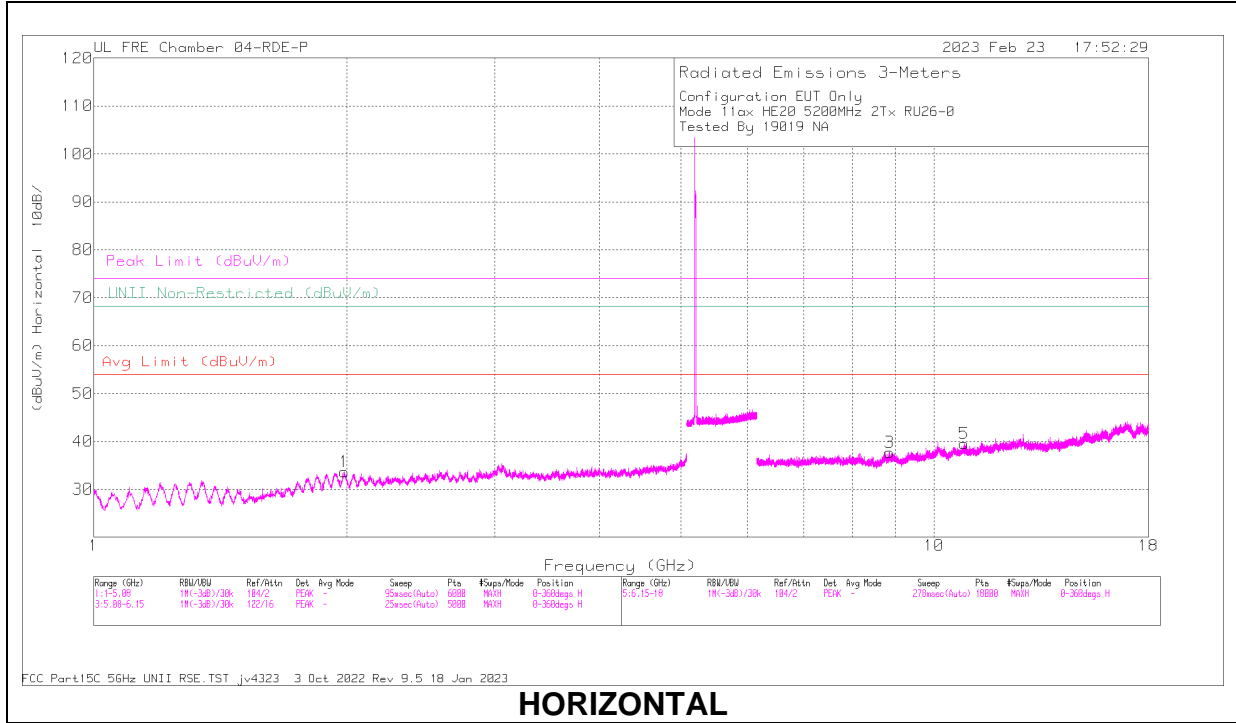


RADIATED EMISSIONS

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	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	3.022751	59.16	PK-U	33.3	-47.8	44.66	-	-	-	-	68.2	-23.54	168	163	H
2	3.035377	59.15	PK-U	33.4	-47.67	44.88	-	-	-	-	68.2	-23.32	248	281	V
4	*7.385893	56.57	PK-U	35.7	-45.5	46.77	-	-	74	-27.23	-	-	295	115	V
	*7.386055	44.81	ADR	35.7	-45.5	35.01	54	-18.99	-	-	-	-	295	115	V
3	*7.414231	56.56	PK-U	35.7	-45.33	46.93	-	-	74	-27.07	-	-	85	391	H
	*7.414345	44.87	ADR	35.7	-45.32	35.25	54	-18.75	-	-	-	-	85	391	H
6	*12.65028	54.43	PK-U	39	-43.02	50.41	-	-	74	-23.59	-	-	182	296	V
	*12.652288	42.96	ADR	39	-43.05	38.91	54	-15.09	-	-	-	-	182	296	V
5	*12.660888	55.12	PK-U	39	-43.02	51.1	-	-	74	-22.9	-	-	241	306	H
	*12.662674	42.93	ADR	39	-43.01	38.92	54	-15.08	-	-	-	-	241	306	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

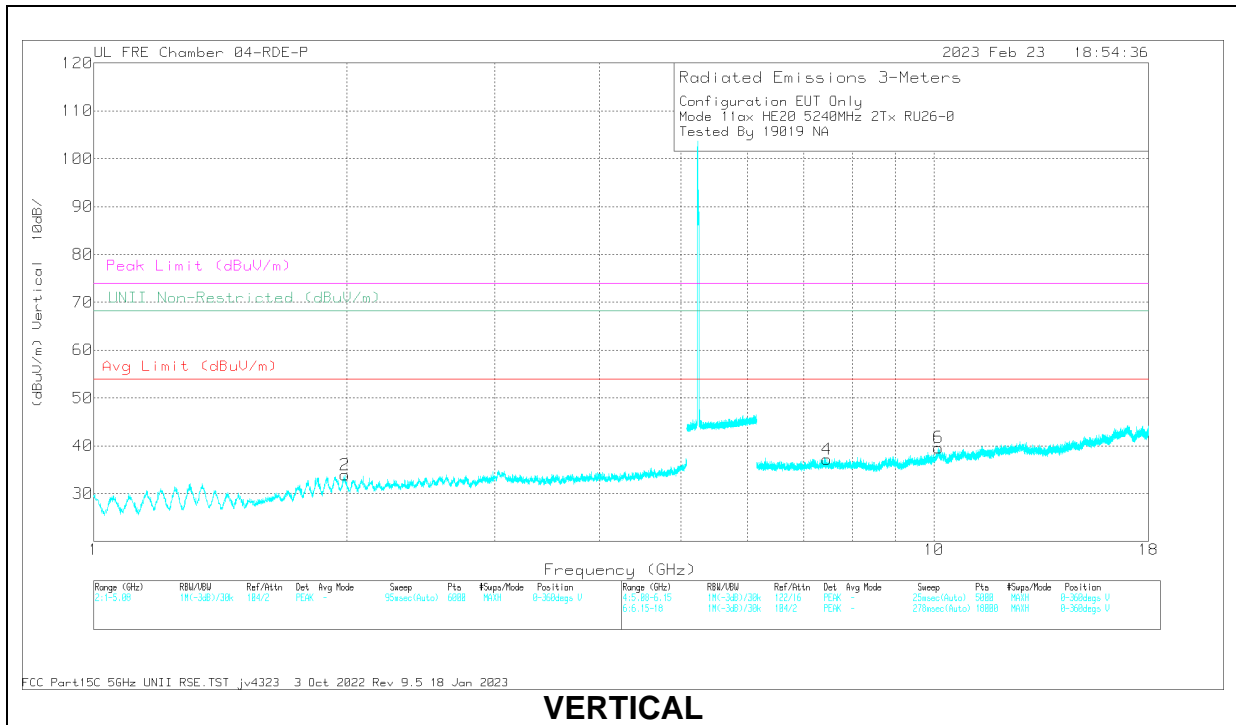
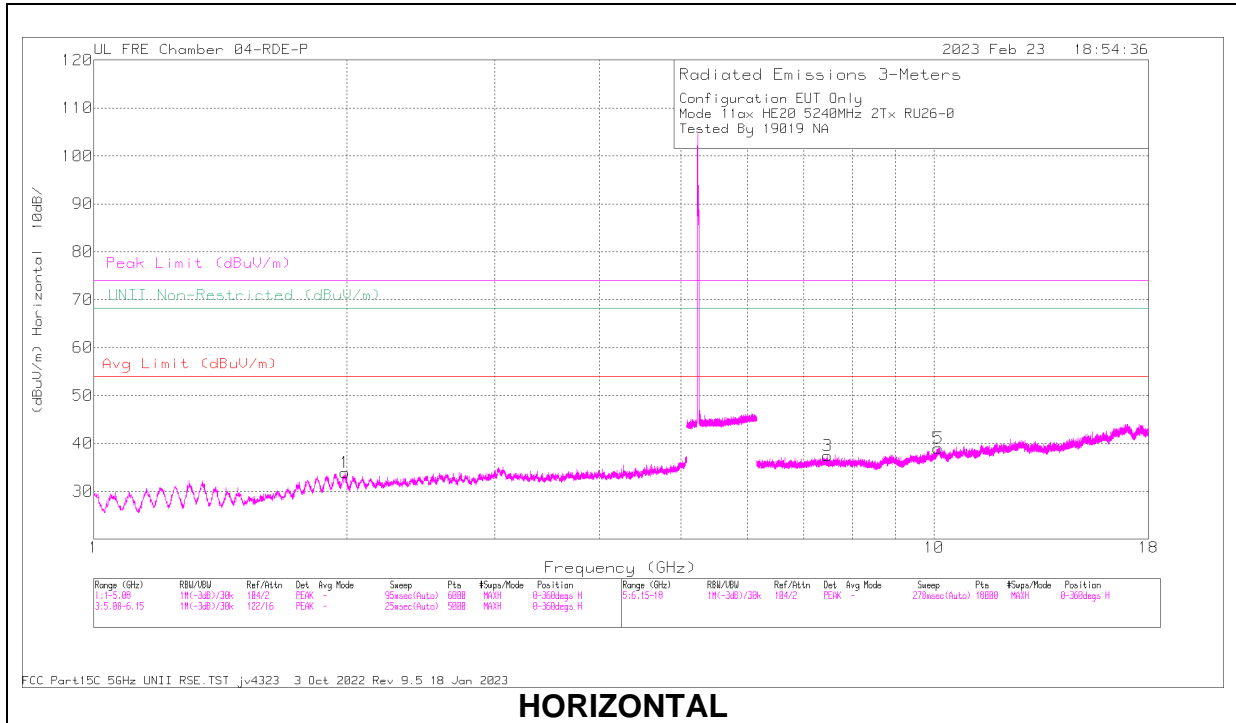


RADIATED EMISSIONS

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	1.984246	61.74	PK-U	31.5	-48.91	44.33	-	-	-	-	68.2	-23.87	194	237	V
1	1.985792	61.11	PK-U	31.5	-48.97	43.64	-	-	-	-	68.2	-24.56	320	163	H
4	8.853066	53.99	PK-U	36	-42.96	47.03	-	-	-	-	68.2	-21.17	172	254	V
3	8.856508	53.8	PK-U	36	-42.97	46.83	-	-	-	-	68.2	-21.37	163	146	H
5	*10.866939	54.21	PK-U	37.6	-43.27	48.54	-	-	74	-25.46	-	-	233	148	H
	*10.868884	42.79	ADR	37.6	-43.29	37.1	54	-16.9	-	-	-	-	233	148	H
6	*10.870341	54.45	PK-U	37.6	-43.33	48.72	-	-	74	-25.28	-	-	198	167	V
	*10.868237	42.66	ADR	37.6	-43.31	36.95	54	-17.05	-	-	-	-	198	167	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

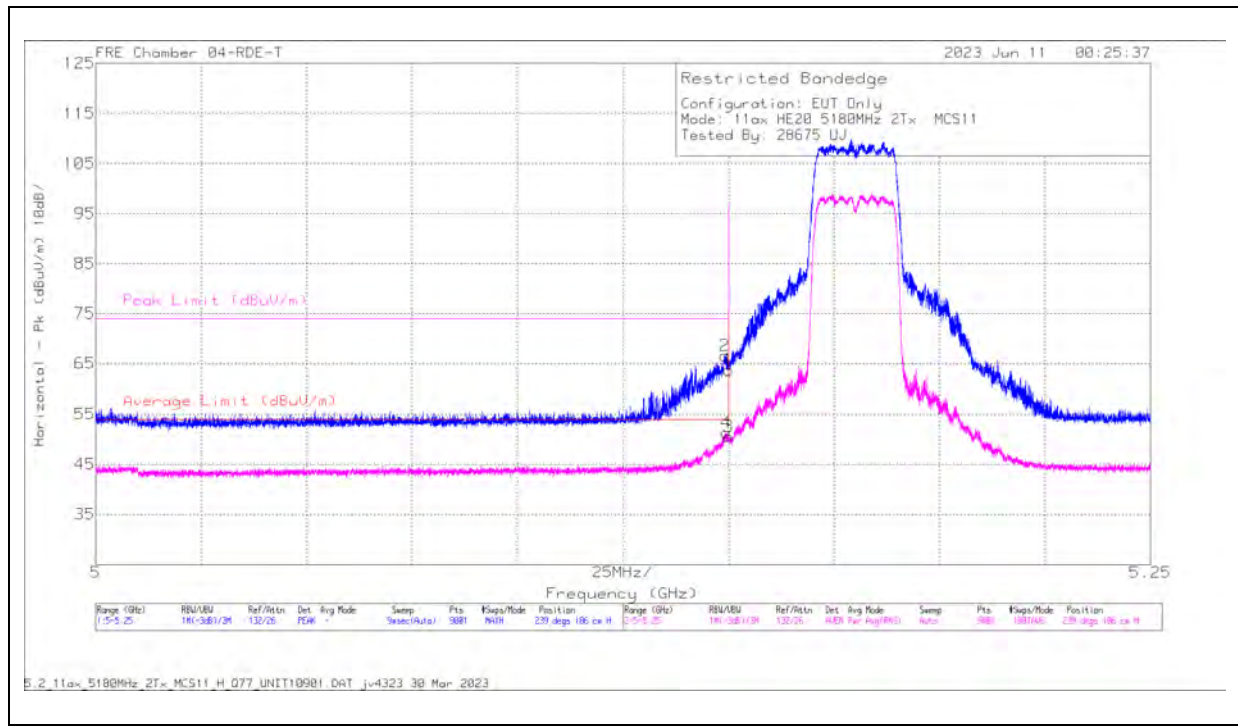
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	222740 ACF(dB) - 3mH	Gain/Loss (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	1.988357	61.22	PK-U	31.5	-49.02	43.7	-	-	-	-	68.2	-24.5	168	340	H
2	1.991562	60.91	PK-U	31.5	-48.85	43.56	-	-	-	-	68.2	-24.64	304	185	V
4	*7.460977	56.64	PK-U	35.7	-45.37	46.97	-	-	74	-27.03	-	-	64	326	V
	*7.461257	44.9	ADR	35.7	-45.36	35.24	54	-18.76	-	-	-	-	64	326	V
3	*7.473017	56.78	PK-U	35.7	-45.48	47	-	-	74	-27	-	-	227	137	H
	*7.474562	44.57	ADR	35.7	-45.54	34.73	54	-19.27	-	-	-	-	227	137	H
5	10.117476	58.5	PK-U	37.2	-46.41	49.29	-	-	-	-	68.2	-18.91	296	195	H
6	10.128745	57.85	PK-U	37.2	-46.21	48.84	-	-	-	-	68.2	-19.36	125	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

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

BANDEDGE (LOW CHANNEL)

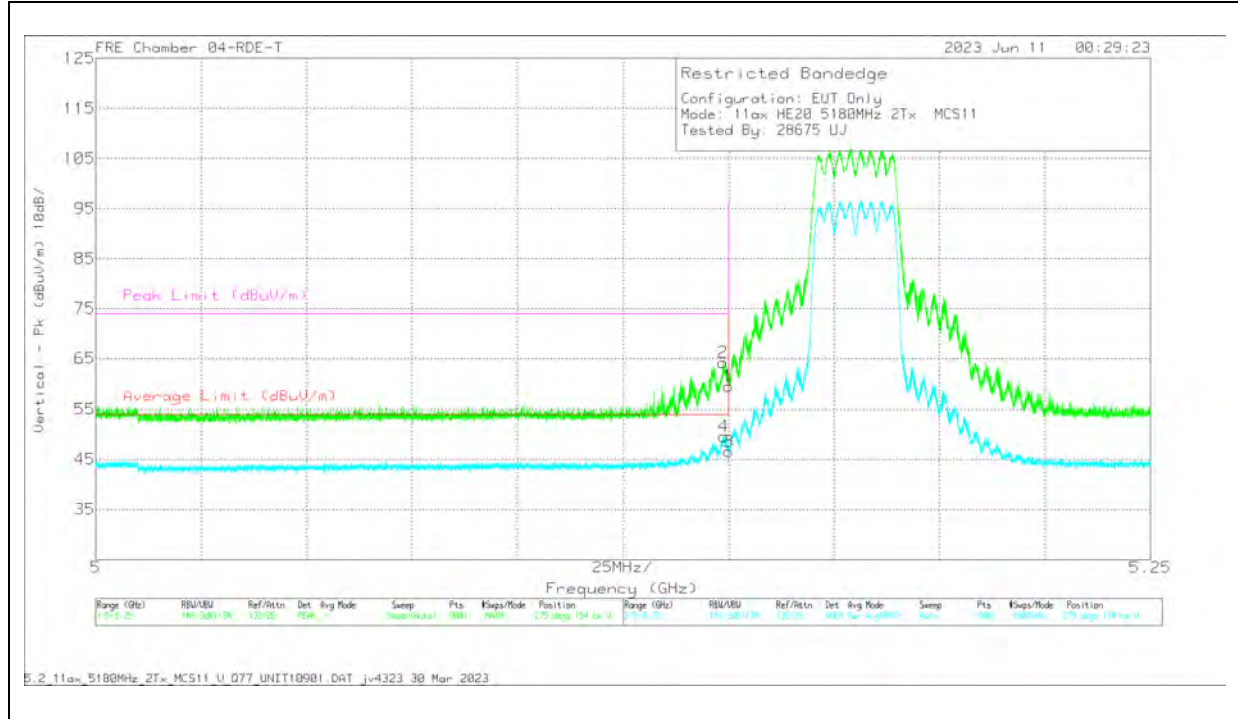
HORIZONTAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	226673 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	65.49	Pk	34.2	0	-35.9	63.79	-	-	74	-10.21	239	106	H
2	*5.149196	68.26	Pk	34.2	0	-35.9	66.56	-	-	74	-7.44	239	106	H
3	* 5.15	51.73	RMS	34.2	.61	-35.9	50.64	54	-3.36	-	-	239	106	H
4	*5.149362	52.43	RMS	34.2	.61	-35.9	51.34	54	-2.66	-	-	239	106	H

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

VERTICAL RESULT

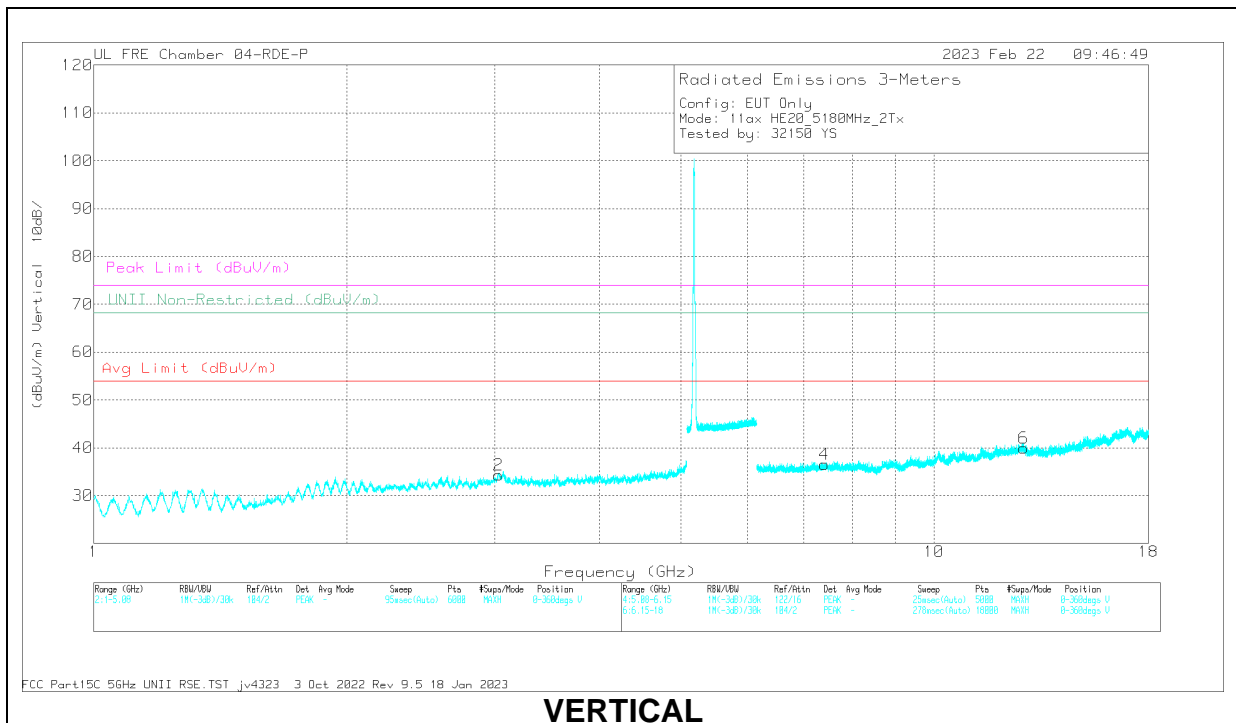
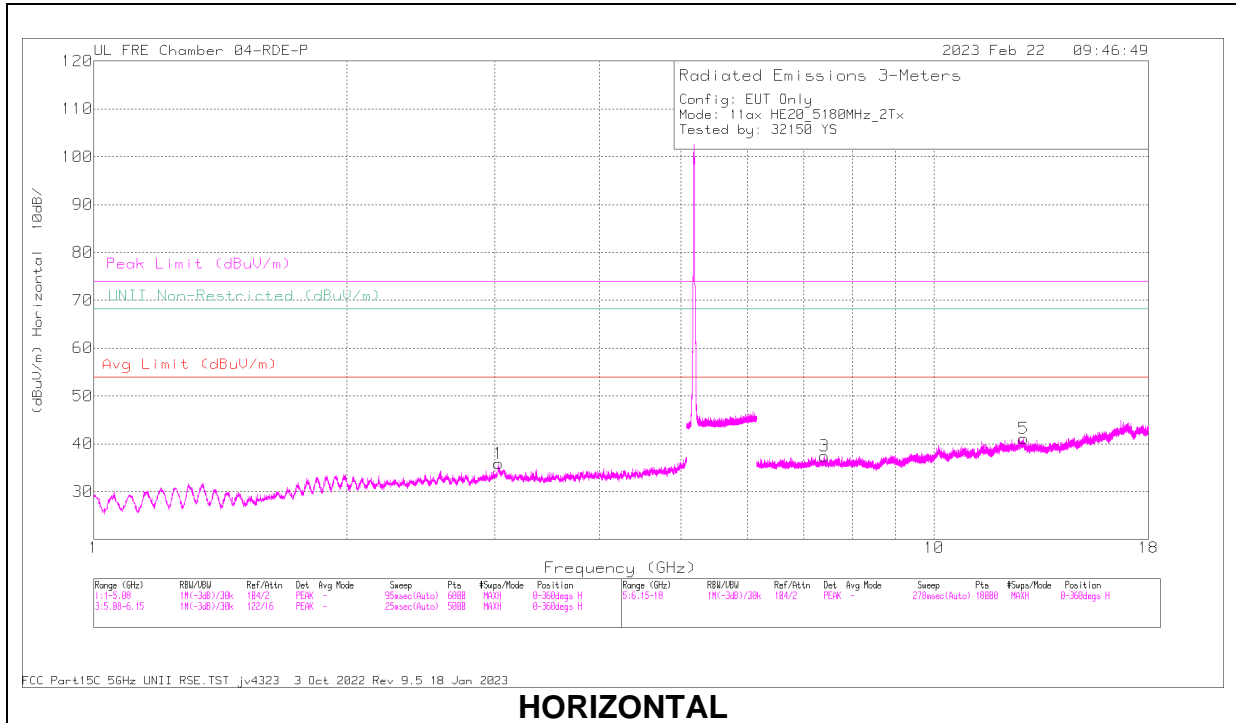


Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	226673 ACF (dB) 3mH	DCCF (dB)	Gain/Loss (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	*5.15	61.25	Pk	34.2	0	-35.9	59.55	-	-	74	-14.45	275	154	V
2	*5.14864	65.97	Pk	34.2	0	-35.9	64.27	-	-	74	-9.73	275	154	V
3	*5.15	47.7	RMS	34.2	.61	-35.9	46.61	54	-7.39	-	-	275	154	V
4	*5.148779	50.72	RMS	34.2	.61	-35.9	49.63	54	-4.37	-	-	275	154	V

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

HARMONICS AND SPURIOUS EMISSIONS

LOW CHANNEL RESULTS

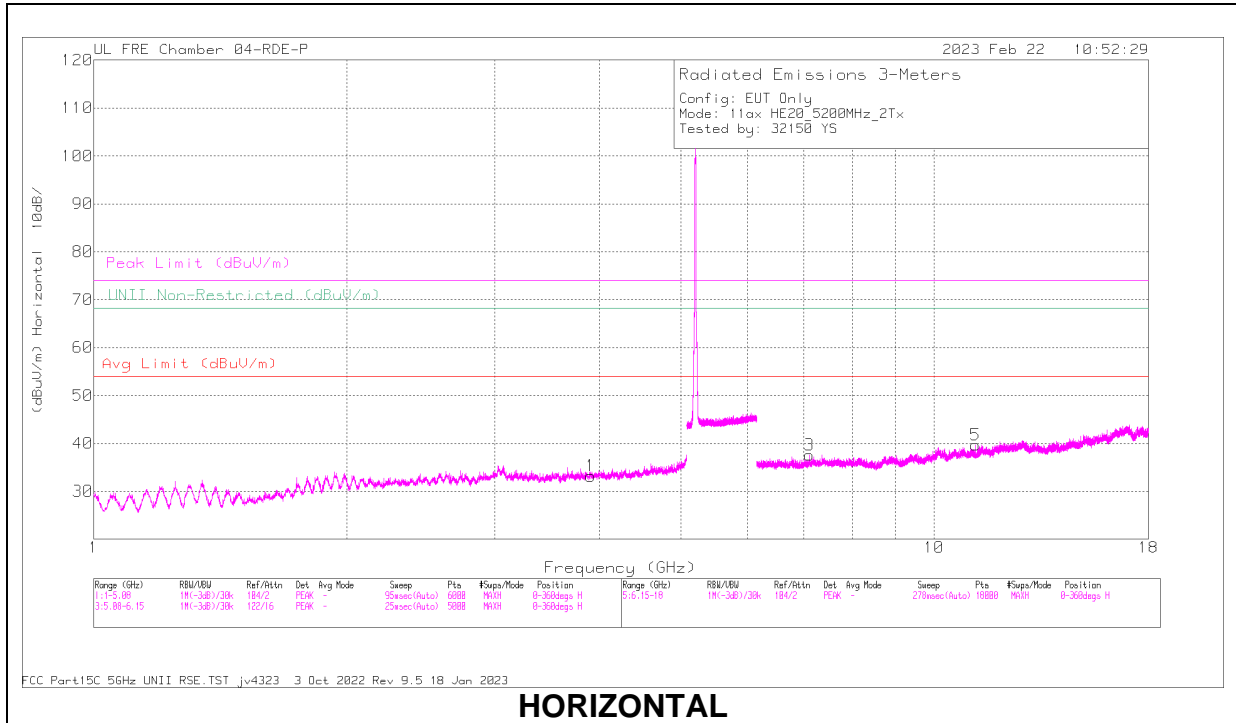


RADIATED EMISSIONS

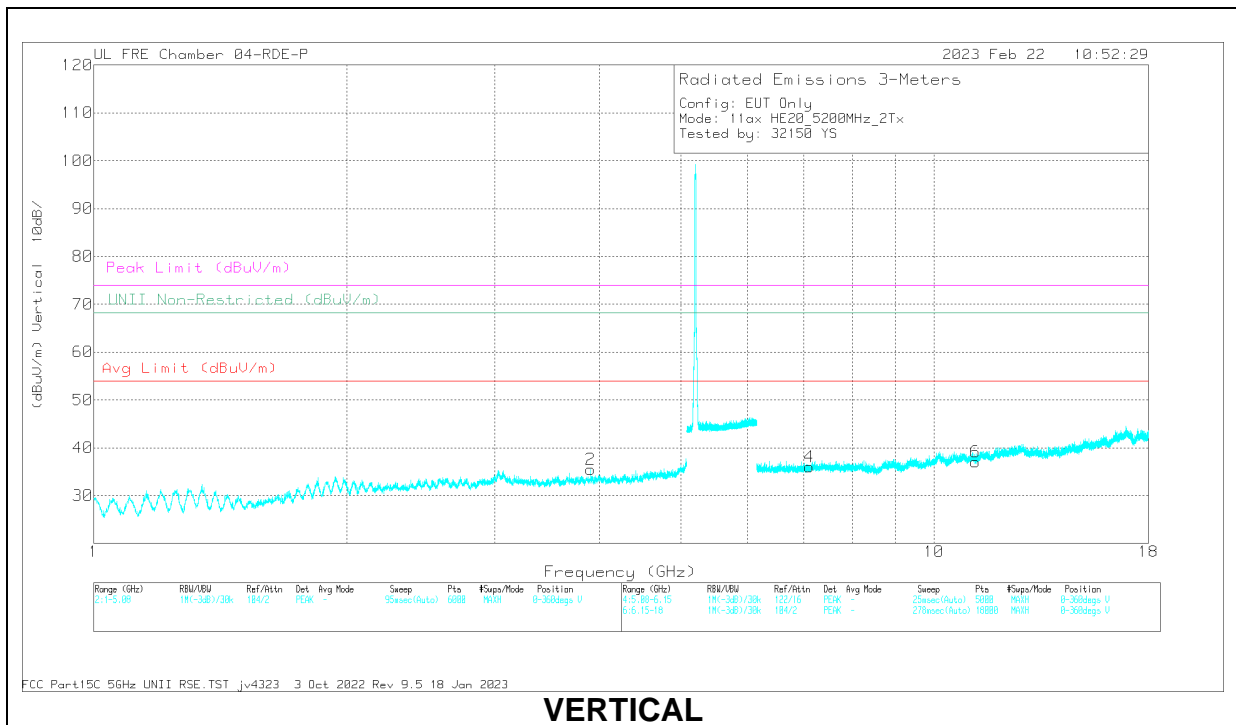
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	222740 ACF(dB) - 3mH	Gain/Loss (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
2	3.026963	59.15	PK-U	33.4	-47.84	44.71	-	-	-	-	68.2	-23.49	46	308	V
1	3.031183	59.91	PK-U	33.4	-47.78	45.53	-	-	-	-	68.2	-22.67	3	102	H
3	*7.410736	56.63	PK-U	35.7	-45.27	47.06	-	-	74	-26.94	-	-	61	208	H
	*7.412108	44.81	ADR	35.7	-45.33	35.18	54	-18.82	-	-	-	-	61	208	H
4	*7.410992	56.49	PK-U	35.7	-45.26	46.93	-	-	74	-27.07	-	-	314	121	V
	*7.41221	44.98	ADR	35.7	-45.33	35.35	54	-18.65	-	-	-	-	314	121	V
5	12.782341	53.81	PK-U	39	-42.87	49.94	-	-	-	-	68.2	-18.26	203	100	H
6	12.786738	54.99	PK-U	39	-42.94	51.05	-	-	-	-	68.2	-17.15	61	252	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

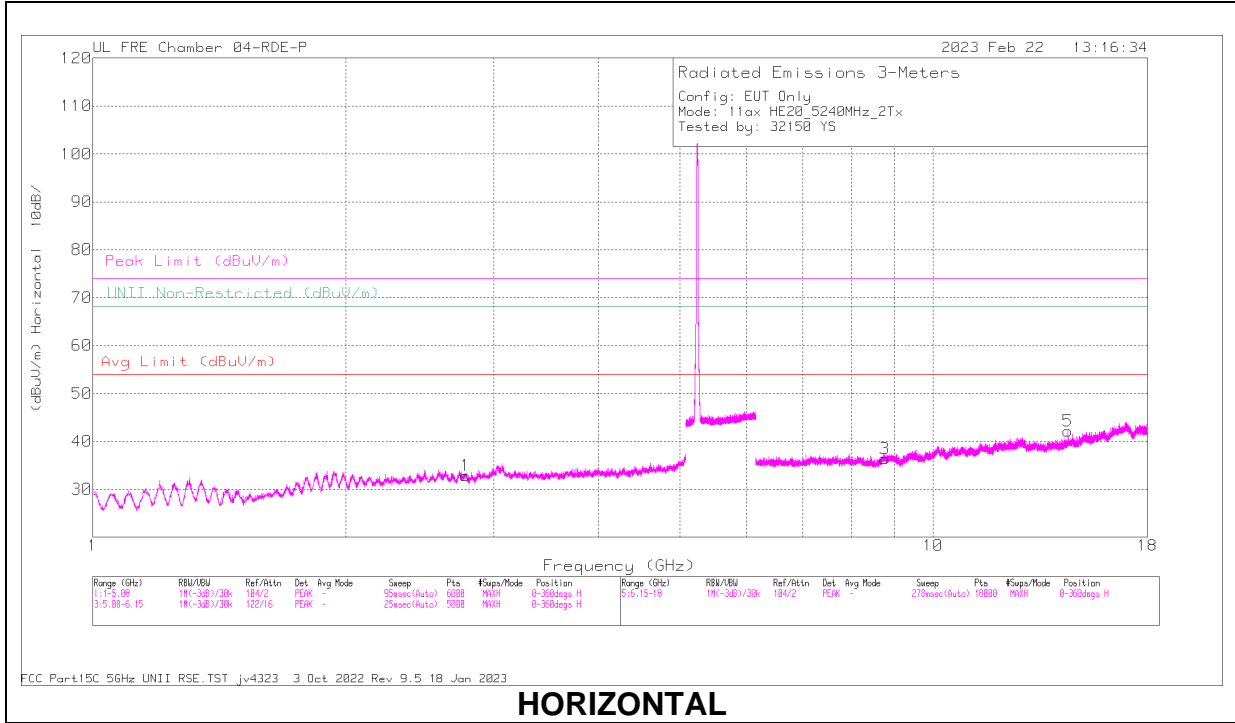
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	222740 ACF(dB) - 3mH	Gain/Loss (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	3.9017	56.53	PK-U	33.4	-45.92	44.01	-	-	74	-29.99	-	-	339	197	H
	3.901592	45.01	ADR	33.4	-45.92	32.49	54	-21.51	-	-	-	-	339	197	H
2	3.902502	56.53	PK-U	33.4	-45.89	44.04	-	-	74	-29.96	-	-	326	375	V
	3.901331	44.97	ADR	33.4	-45.92	32.45	54	-21.55	-	-	-	-	326	375	V
3	7.10946	56.18	PK-U	35.6	-45.52	46.26	-	-	-	-	68.2	-21.94	128	309	H
	7.113559	56.42	PK-U	35.6	-45.4	46.62	-	-	-	-	68.2	-21.58	186	289	V
5	11.213168	54.95	PK-U	37.8	-43.22	49.53	-	-	74	-24.47	-	-	205	165	H
	11.215031	42.26	ADR	37.8	-43.21	36.85	54	-17.15	-	-	-	-	205	165	H
6	11.215179	54.59	PK-U	37.8	-43.21	49.18	-	-	74	-24.82	-	-	115	352	V
	11.214099	42.33	ADR	37.8	-43.19	36.94	54	-17.06	-	-	-	-	115	352	V

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

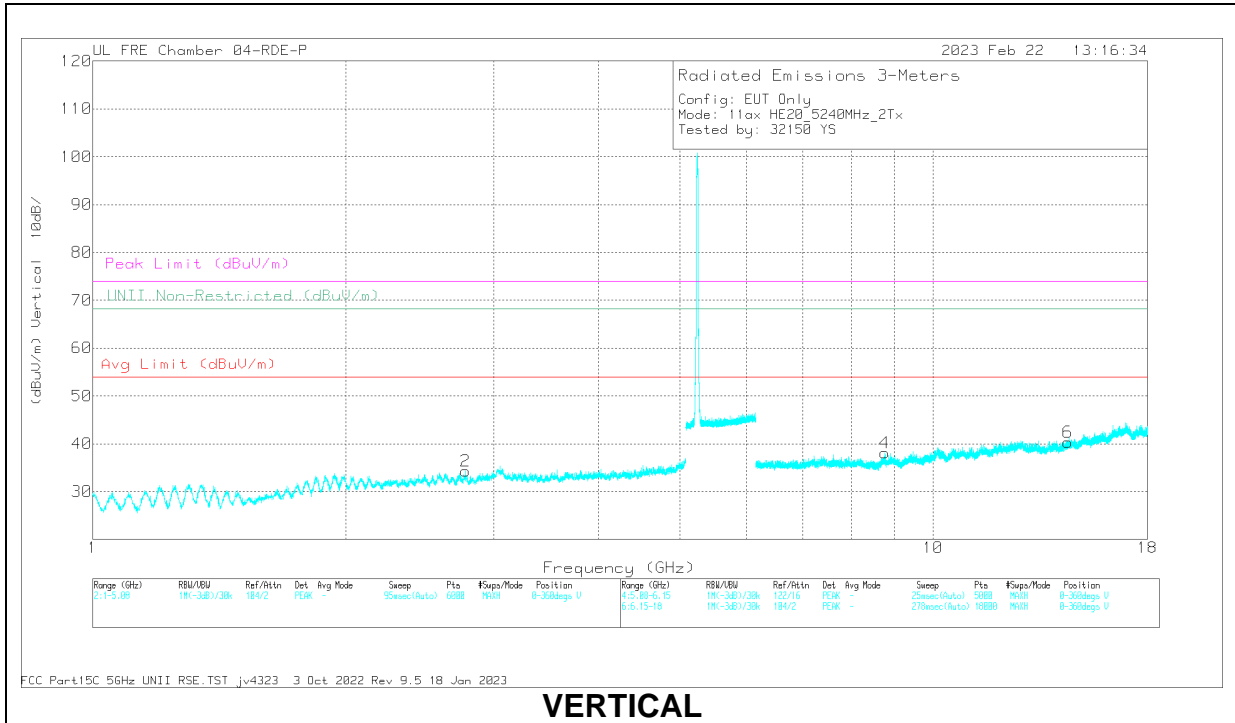
PK-U - U-NII: Maximum Peak

ADR - U-NII AD primary method, RMS average

HIGH CHANNEL RESULTS



HORIZONTAL



VERTICAL

RADIATED EMISSIONS

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	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	2.777933	59.72	PK-U	32.1	-48.4	43.42	-	-	74	-30.58	-	-	183	222	H
	2.780463	48.06	ADR	32.1	-48.48	31.68	54	-22.32	-	-	-	-	183	222	H
2	2.778892	60.2	PK-U	32.1	-48.46	43.84	-	-	74	-30.16	-	-	332	142	V
	2.780083	47.99	ADR	32.1	-48.46	31.63	54	-22.37	-	-	-	-	332	142	V
4	8.763073	53.36	PK-U	36	-42.5	46.86	-	-	-	-	68.2	-21.34	337	367	V
3	8.768532	53.48	PK-U	36	-42.63	46.85	-	-	-	-	68.2	-21.35	2	221	H
5	14.478874	54.87	PK-U	39.2	-43.17	50.9	-	-	74	-23.1	-	-	63	200	H
	14.480974	42.81	ADR	39.2	-43.09	38.92	54	-15.08	-	-	-	-	63	200	H
6	14.480461	54.99	PK-U	39.2	-43.14	51.05	-	-	74	-22.95	-	-	277	289	V
	14.480814	43.14	ADR	39.2	-43.11	39.23	54	-14.77	-	-	-	-	277	289	V

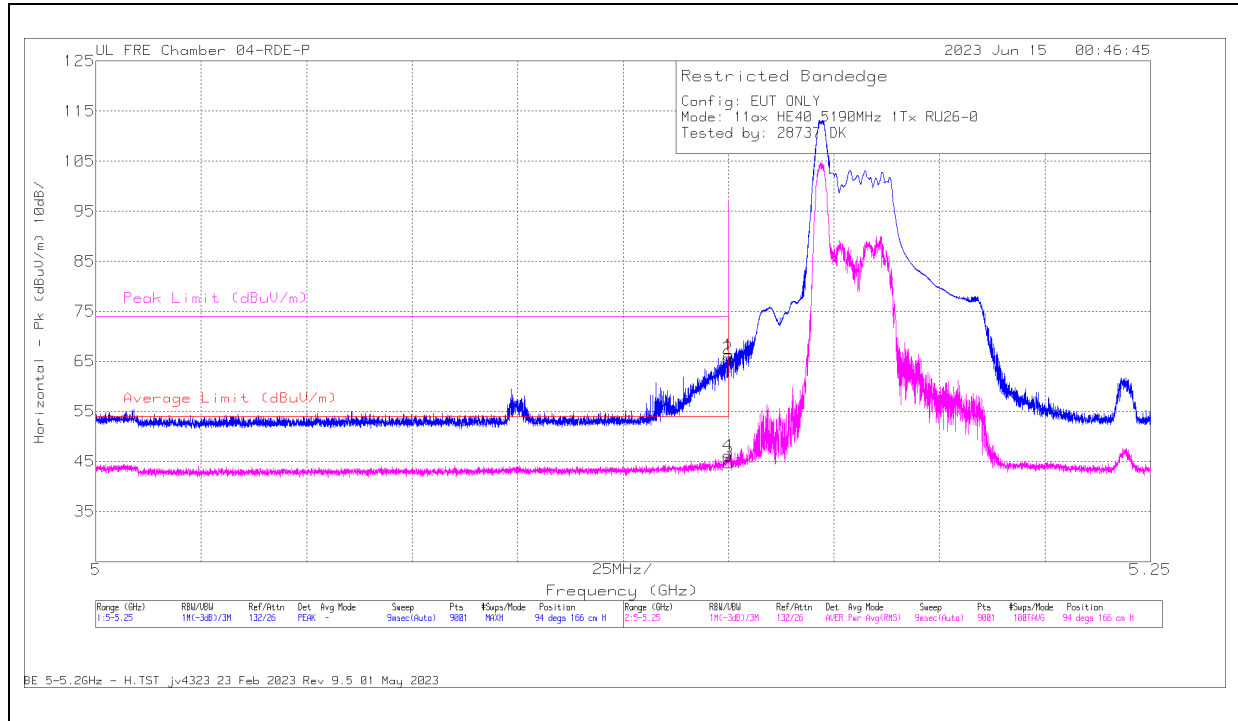
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band
 PK-U - U-NII: Maximum Peak
 ADR - U-NII AD primary method, RMS average

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

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

BANDEDGE (LOW CHANNEL)

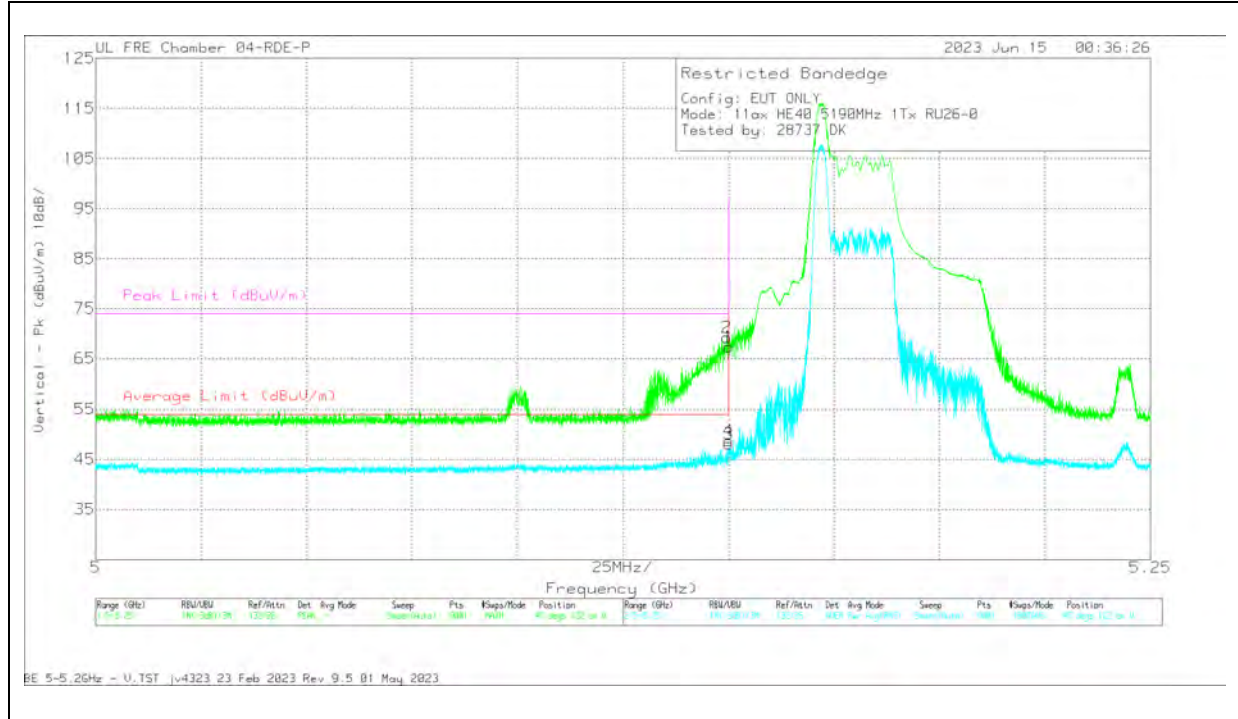
HORIZONTAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	222740 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	5.14989	70.06	Pk	34.1	0	-38.51	65.65	-	-	74	-8.35	94	166	H
4	5.149918	49.73	RMS	34.1	.51	-38.51	45.83	54	-8.17	-	-	94	166	H
1	5.15	70.63	Pk	34.1	0	-38.51	66.22	-	-	74	-7.78	94	166	H
3	5.15	48.29	RMS	34.1	.51	-38.51	44.39	54	-9.61	-	-	94	166	H

Pk - Peak detector
RMS - RMS detection

VERTICAL RESULT



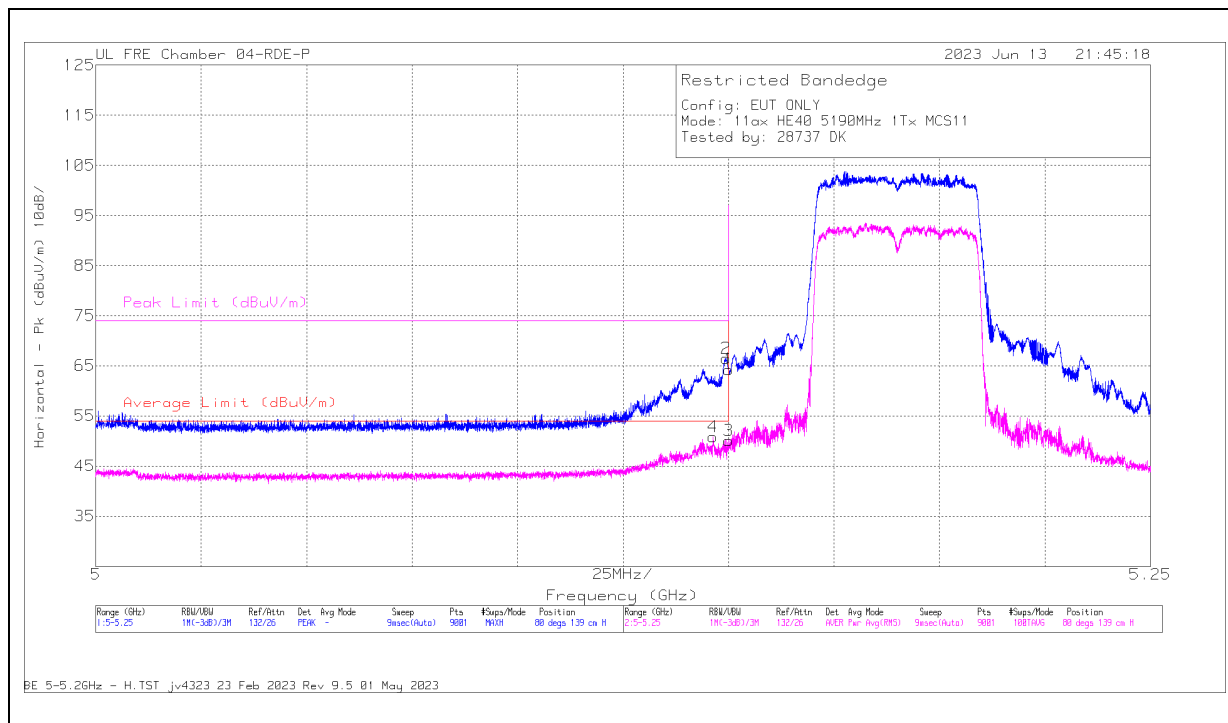
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	222740 ACF(dB) - 3mH	DCCF (dB)	Gain/Loss (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
2	5.14964	73.65	Pk	34.1	0	-38.52	69.23	-	-	74	-4.77	45	122	V
4	5.149973	52.26	RMS	34.1	.51	-38.51	48.36	54	-5.64	-	-	45	122	V
1	5.15	71.8	Pk	34.1	0	-38.51	67.39	-	-	74	-6.61	45	122	V
3	5.15	51.7	RMS	34.1	.51	-38.51	47.80	54	-6.20	-	-	45	122	V

Pk - Peak detector
 RMS - RMS detection

1TX Antenna 6 MODE: SU, Single User

BANDEDGE (LOW CHANNEL)

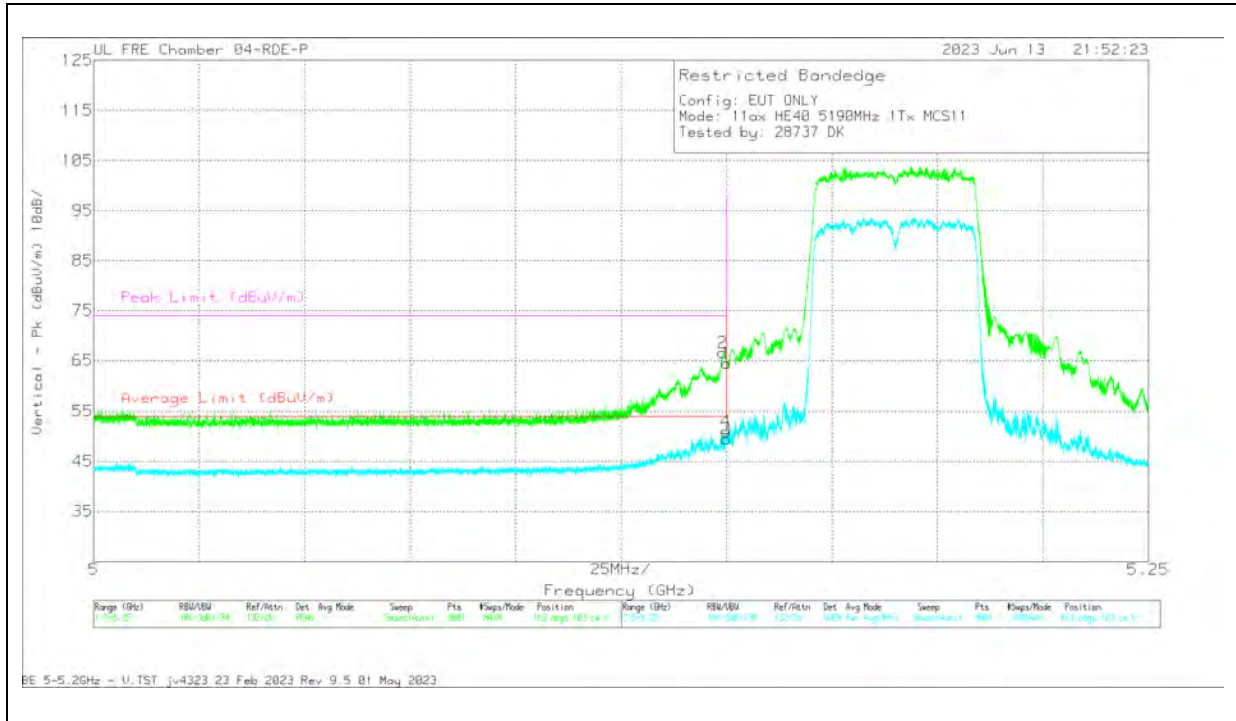
HORIZONTAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	222740 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	5.146307	54.43	RMS	34.1	.86	-38.54	50.85	54	-3.15	-	-	80	139	H
2	5.149362	70.96	Pk	34.1	0	-38.52	66.54	-	-	74	-7.46	80	139	H
1	5.15	68.7	Pk	34.1	0	-38.51	64.29	-	-	74	-9.71	80	139	H
3	5.15	53.66	RMS	34.1	.86	-38.51	50.11	54	-3.89	-	-	80	139	H

Pk - Peak detector
 RMS - RMS detection

VERTICAL RESULT



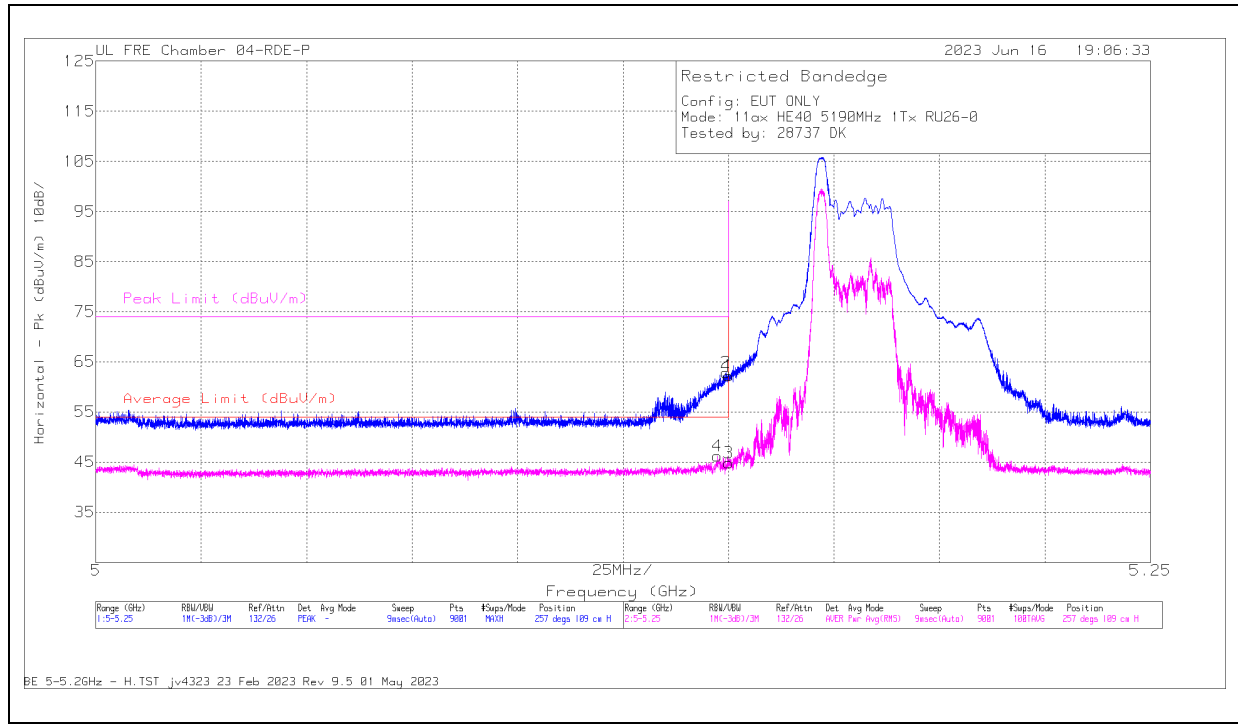
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	222740 ACF(dB) - 3mH	DCCF (dB)	Gain/Loss (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
2	5.149196	71.05	Pk	34.1	0	-38.53	66.62	-	-	74	-7.38	163	103	V
4	5.149807	54.53	RMS	34.1	.86	-38.51	50.98	54	-3.02	-	-	163	103	V
1	5.15	68.93	Pk	34.1	0	-38.51	64.52	-	-	74	-9.48	163	103	V
3	5.15	53.07	RMS	34.1	.86	-38.51	49.52	54	-4.48	-	-	163	103	V

Pk - Peak detector
 RMS - RMS detection

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

BANDEDGE (LOW CHANNEL)

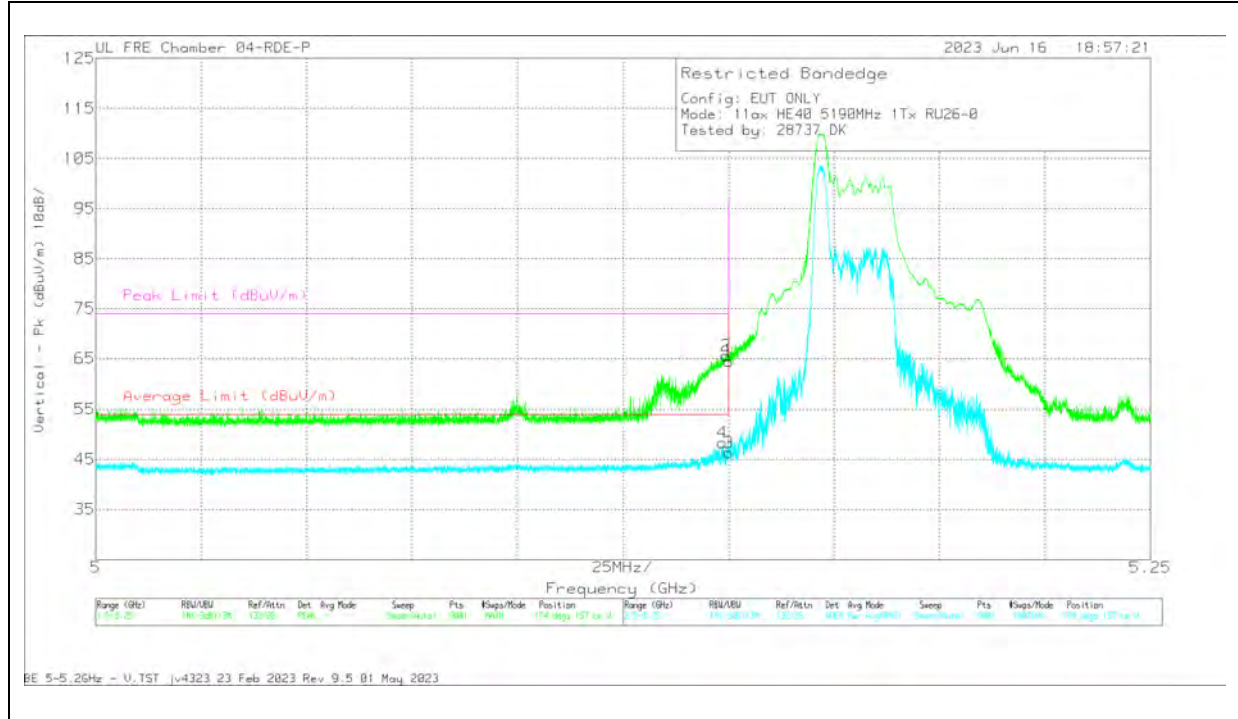
HORIZONTAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	222740 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	49.86	RMS	34.1	.51	-38.57	45.90	54	-8.10	-	-	257	109	H
2	5.149473	67.27	Pk	34.1	0	-38.52	62.85	-	-	74	-11.15	257	109	H
1	5.15	66.67	Pk	34.1	0	-38.51	62.26	-	-	74	-11.74	257	109	H
3	5.15	48.45	RMS	34.1	.51	-38.51	44.55	54	-9.45	-	-	257	109	H

Pk - Peak detector
 RMS - RMS detection

VERTICAL RESULT



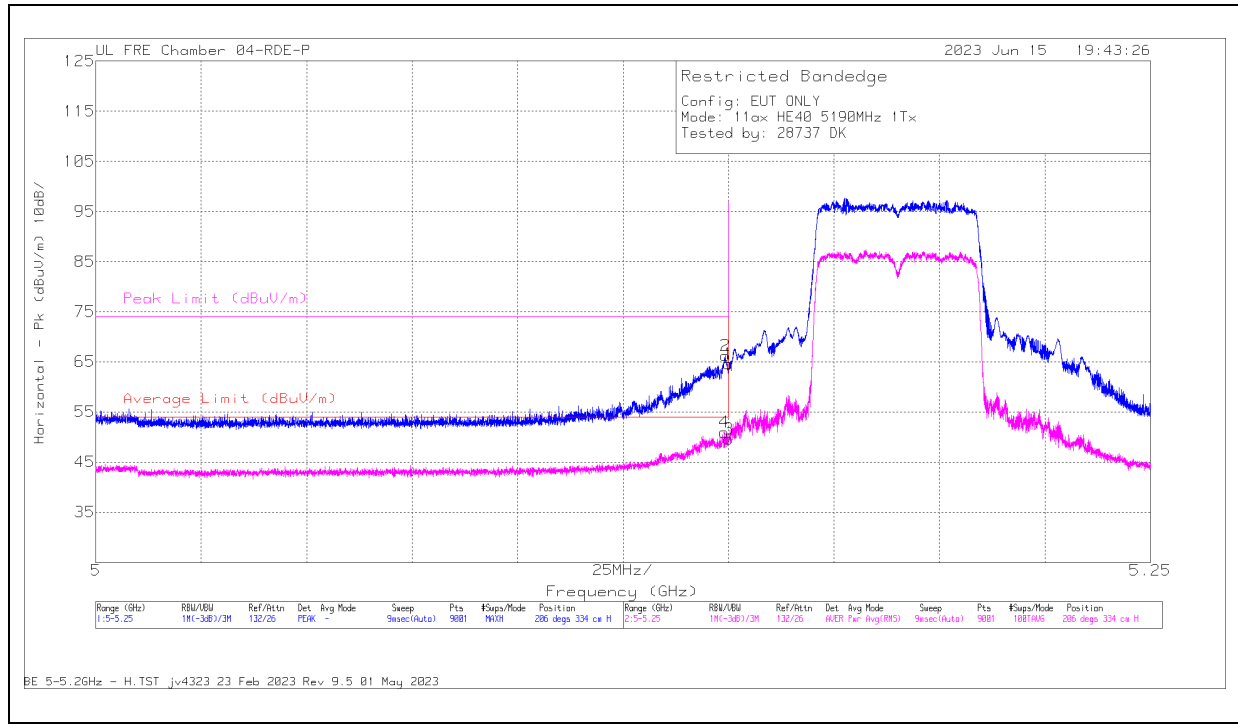
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	222740 ACF(dB) - 3mH	DCCF (dB)	Gain/Loss (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
4	5.148557	51.98	RMS	34.1	.51	-38.57	48.37	54	-5.98	-	-	154	157	V
2	5.14939	70.08	Pk	34.1	0	-38.52	65.66	-	-	74	-8.34	154	157	V
1	5.15	68.95	Pk	34.1	0	-38.51	64.54	-	-	74	-9.46	154	157	V
3	5.15	49.9	RMS	34.1	.51	-38.51	46.35	54	-8.00	-	-	154	157	V

Pk - Peak detector
 RMS - RMS detection

1TX Antenna 5 MODE: SU, Single User

BANDEDGE (LOW CHANNEL)

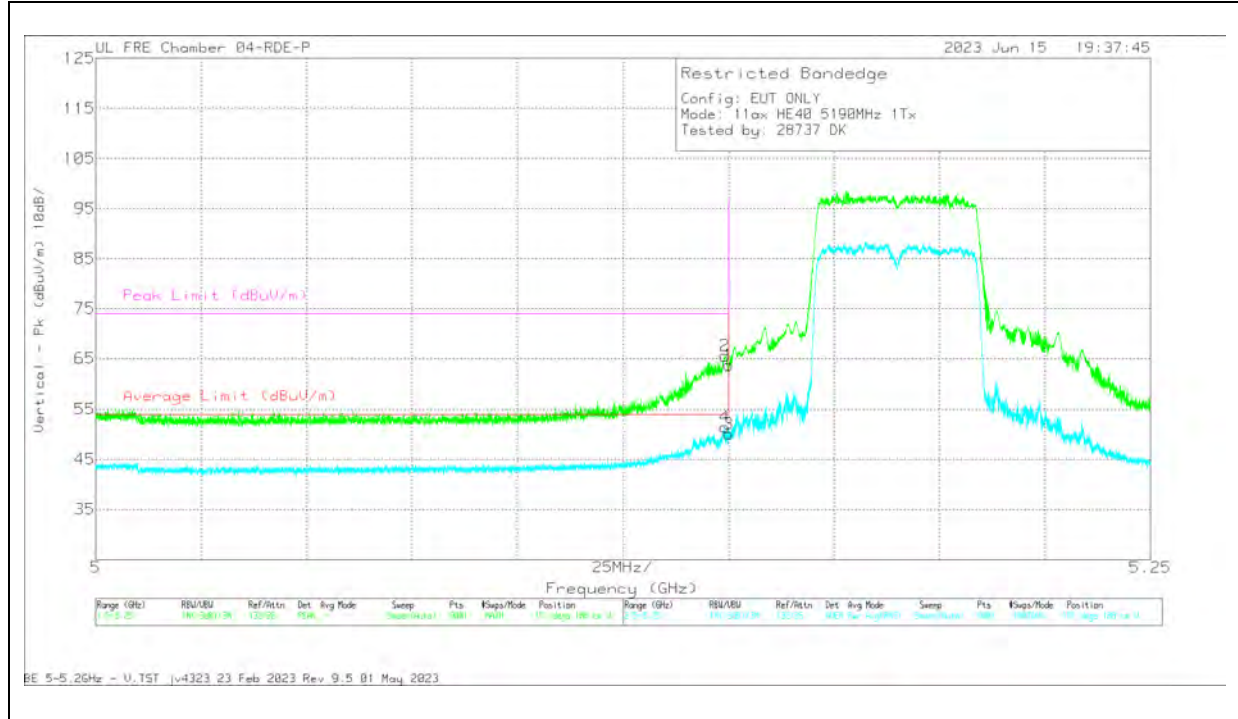
HORIZONTAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	222740 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	5.148946	54.51	RMS	34.1	.86	-38.53	50.94	54	-3.06	-	-	206	334	H
2	5.149251	70.64	Pk	34.1	0	-38.52	66.22	-	-	74	-7.78	206	334	H
1	5.15	68.96	Pk	34.1	0	-38.51	64.55	-	-	74	-9.45	206	334	H
3	5.15	53.1	RMS	34.1	.86	-38.51	49.55	54	-4.45	-	-	206	334	H

Pk - Peak detector
 RMS - RMS detection

VERTICAL RESULT



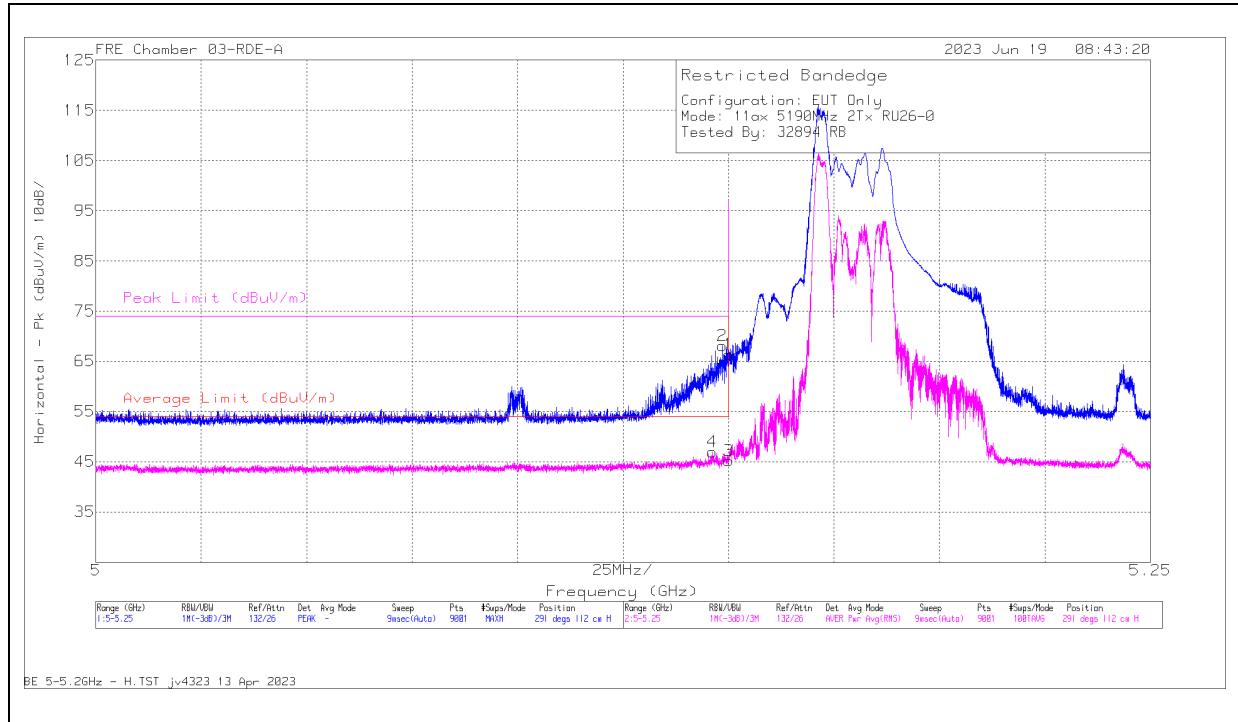
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	222740 ACF(dB) - 3mH	DCCF (dB)	Gain/Loss (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
4	5.149112	55.02	RMS	34.1	.86	-38.53	51.45	54	-2.55	-	-	151	188	V
2	5.149196	69.98	Pk	34.1	0	-38.53	65.55	-	-	74	-8.45	151	188	V
1	5.15	68.18	Pk	34.1	0	-38.51	63.77	-	-	74	-10.23	151	188	V
3	5.15	53.63	RMS	34.1	.86	-38.51	50.08	54	-3.92	-	-	151	188	V

Pk - Peak detector
 RMS - RMS detection

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

BANDEDGE (LOW CHANNEL)

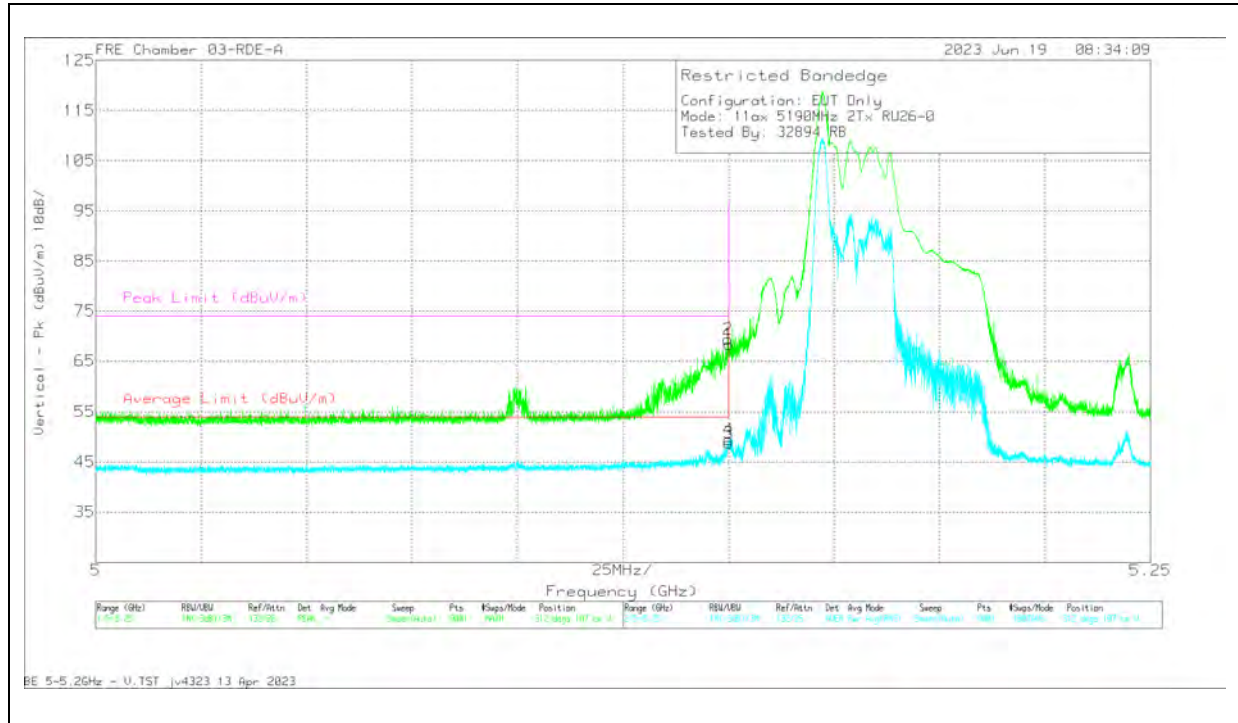
HORIZONTAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	230299 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	70.5	Pk	34.6	0	-38.69	66.41	-	-	74	-7.59	291	112	H
2	*5.148557	72.19	Pk	34.6	0	-38.73	68.06	-	-	74	-5.94	291	112	H
3	*5.15	48.5	RMS	34.6	.51	-38.69	44.92	54	-9.08	-	-	291	112	H
4	*5.146168	50.33	RMS	34.6	.51	-38.79	46.65	54	-7.35	-	-	291	112	H

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

VERTICAL RESULT

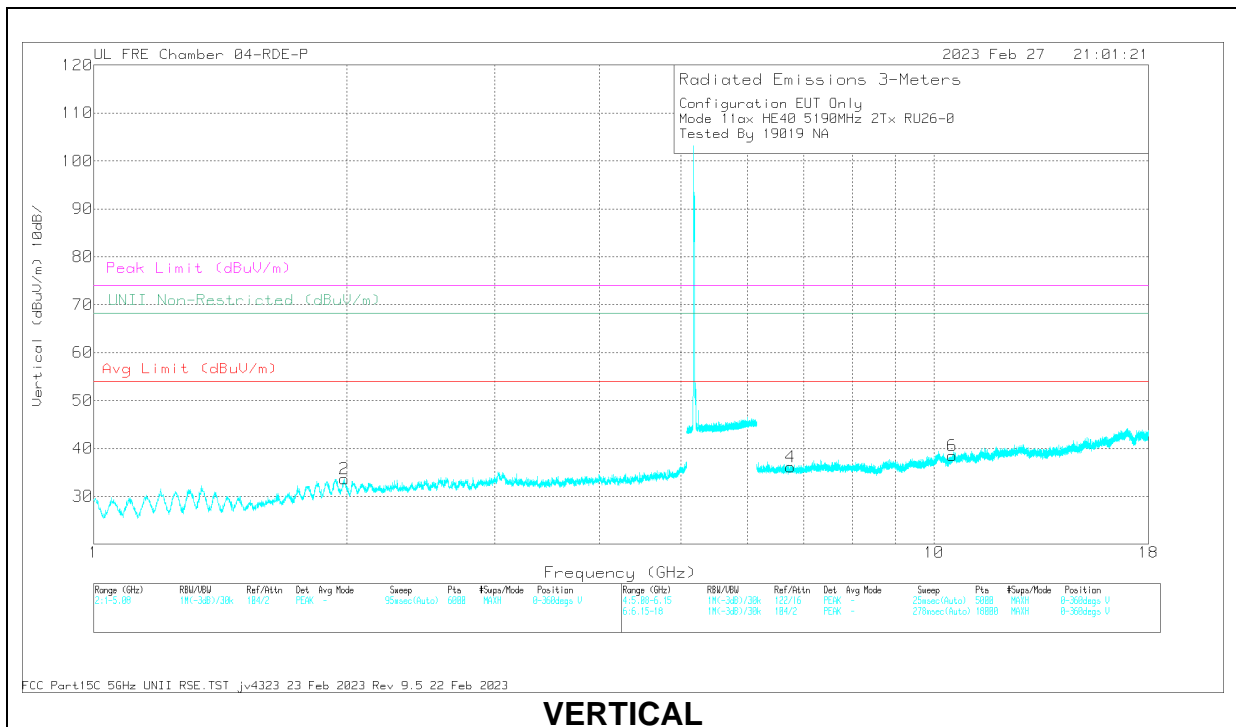
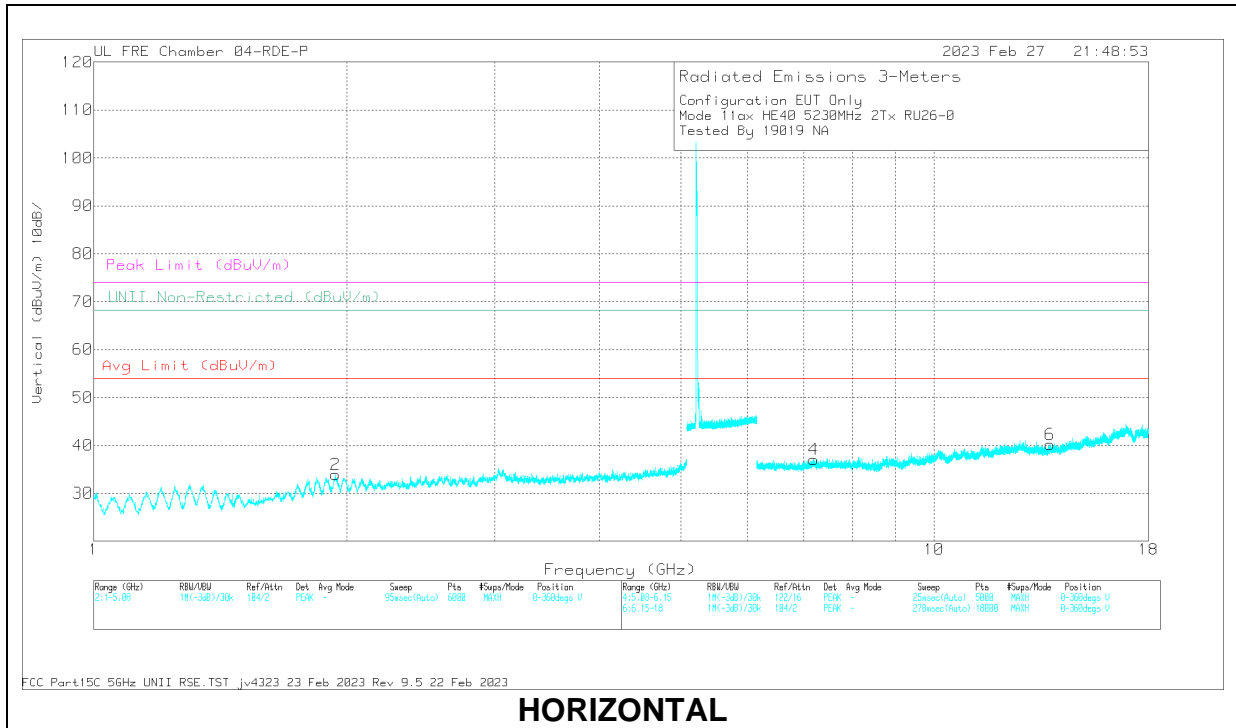


Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	230299 ACF (dB/m)	DCCF (dB)	Gain/Loss (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	*5.15	72.42	Pk	34.6	0	-38.69	68.33	-	-	74	-5.67	312	107	V
2	*5.149807	73.45	Pk	34.6	0	-38.7	69.35	-	-	74	-4.65	312	107	V
3	*5.15	52.07	RMS	34.6	.51	-38.69	48.84	54	-5.51	-	-	312	107	V
4	*5.149973	52.69	RMS	34.6	.51	-38.69	49.46	54	-4.89	-	-	312	107	V

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

HARMONICS AND SPURIOUS EMISSIONS

LOW CHANNEL RESULTS

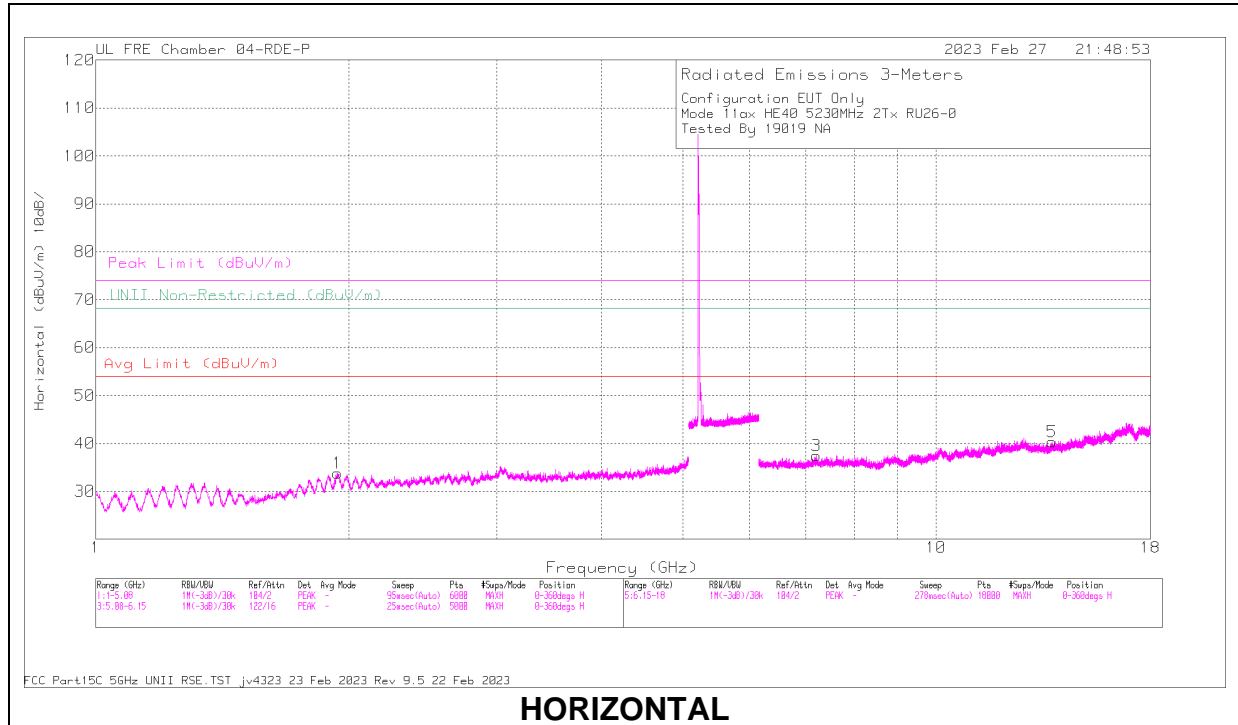


RADIATED EMISSIONS

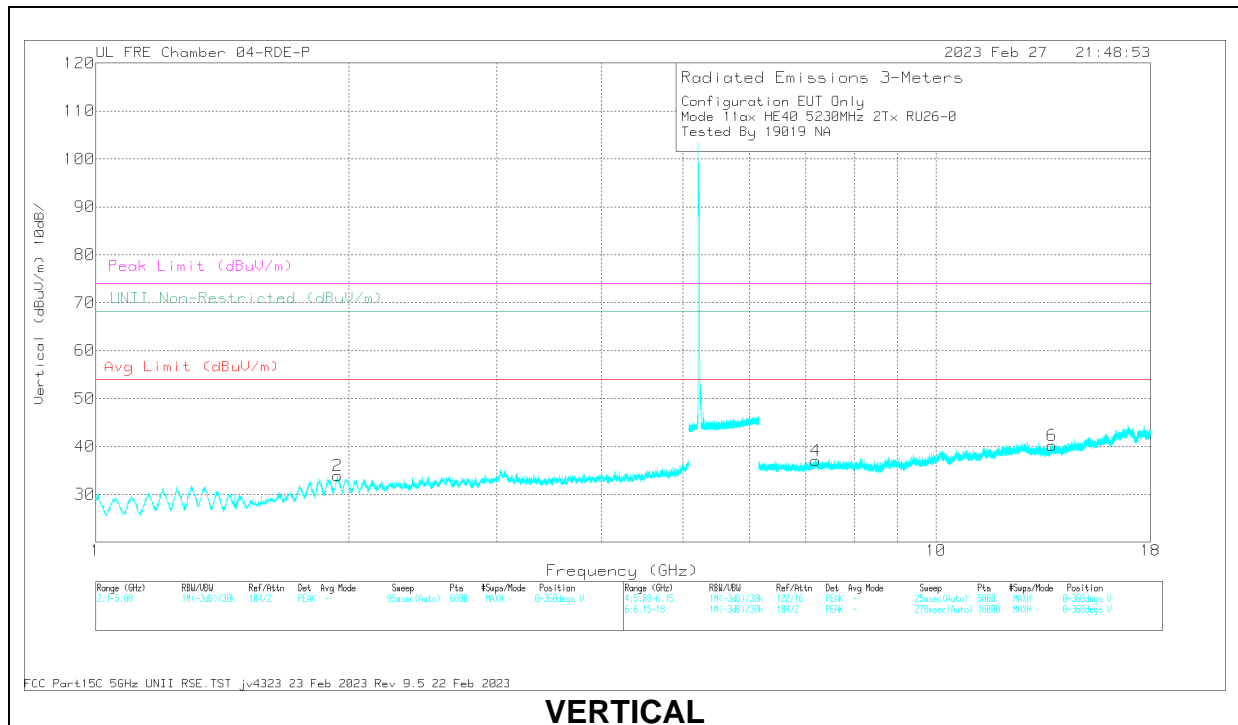
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	222740 ACF(dB) - 3mH	Gain/Loss (dB)	Corrected Reading (dBuV/m)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	1.984906	60.89	PK-U	31.5	-48.87	43.52	68.2	-24.68	163	311	H
2	1.988397	61.27	PK-U	31.5	-49.02	43.75	68.2	-24.45	129	148	V
4	6.745153	55.05	PK-U	35.5	-44.53	46.02	68.2	-22.18	57	280	V
3	6.765162	55.06	PK-U	35.5	-44.31	46.25	68.2	-21.95	241	168	H
6	10.522828	55.14	PK-U	37.4	-44.79	47.75	68.2	-20.45	193	151	V
5	10.541487	54.96	PK-U	37.4	-44.26	48.1	68.2	-20.1	291	218	H

PK-U - U-NII: Maximum Peak

HIGH CHANNEL RESULTS



HORIZONTAL



VERTICAL

RADIATED EMISSIONS

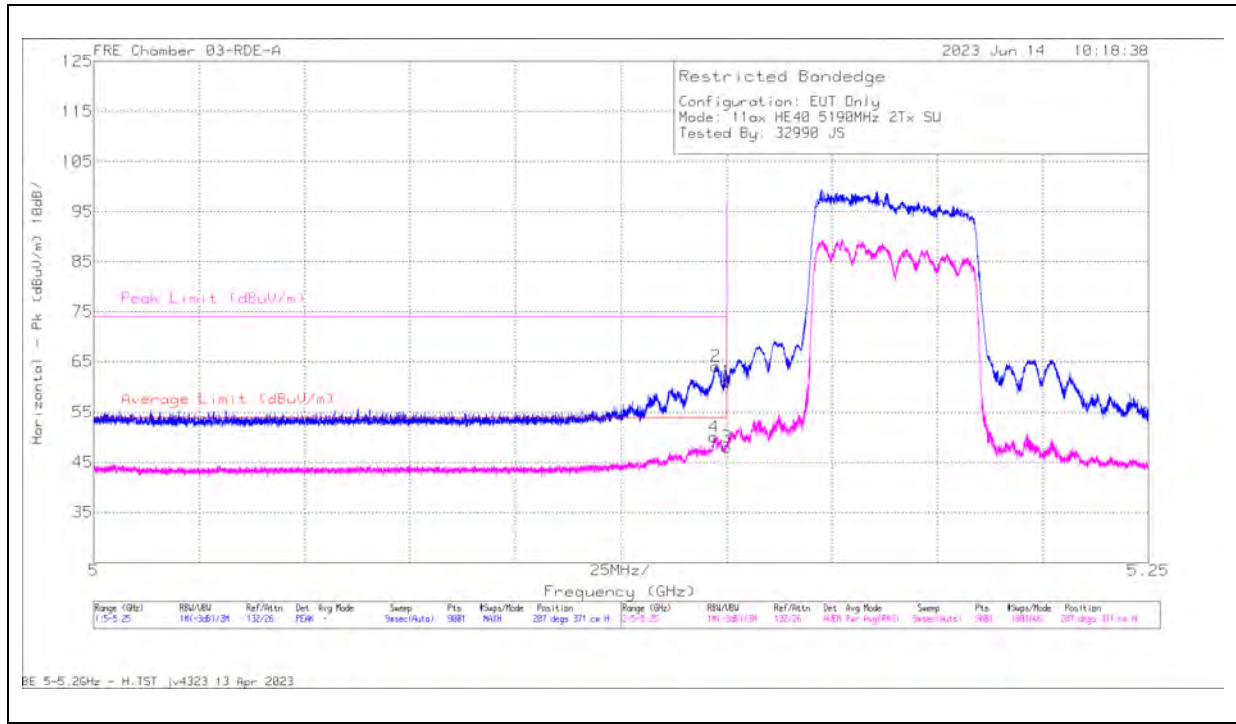
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	222740 ACF(dB) - 3mH	Gain/Loss (dB)	Corrected Reading (dBuV/m)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	1.939051	62.26	PK-U	31.5	-49.1	44.66	68.2	-23.54	190	174	H
2	1.940276	61.13	PK-U	31.5	-49.15	43.48	68.2	-24.72	252	216	V
4	7.1965	55.96	PK-U	35.7	-44.84	46.82	68.2	-21.38	277	268	V
3	7.208869	56.32	PK-U	35.7	-44.96	47.06	68.2	-21.14	156	154	H
6	13.733503	54.68	PK-U	38.5	-43.7	49.48	68.2	-18.72	212	227	V
5	13.739986	55.16	PK-U	38.5	-43.57	50.09	68.2	-18.11	194	205	H

PK-U - U-NII: Maximum Peak

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

BANDEDGE (LOW CHANNEL)

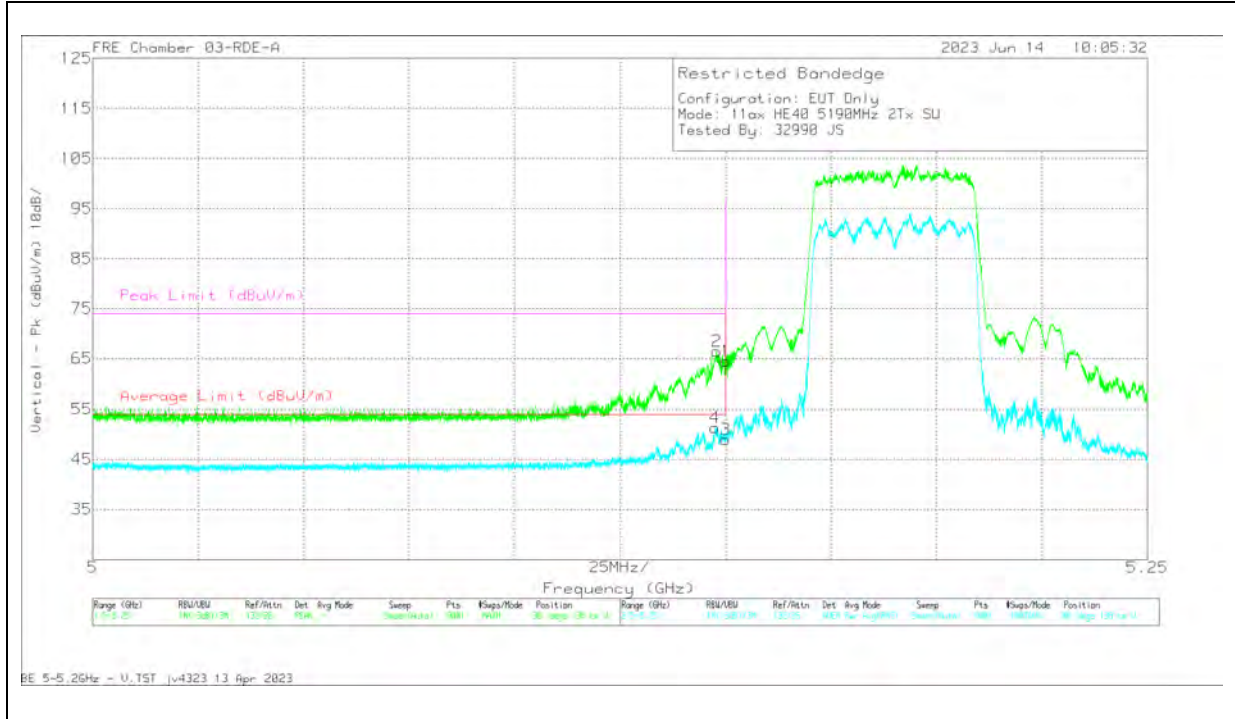
HORIZONTAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	230299 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	65.14	Pk	34.6	0	-38.69	61.05	-	-	74	-12.95	287	371	H
2	*5.147473	68.26	Pk	34.6	0	-38.77	64.09	-	-	74	-9.91	287	371	H
3	* 5.15	51.38	RMS	34.6	.86	-38.69	48.15	54	-5.85	-	-	287	371	H
4	*5.147001	53.44	RMS	34.6	.86	-38.78	50.12	54	-3.88	-	-	287	371	H

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

VERTICAL RESULT

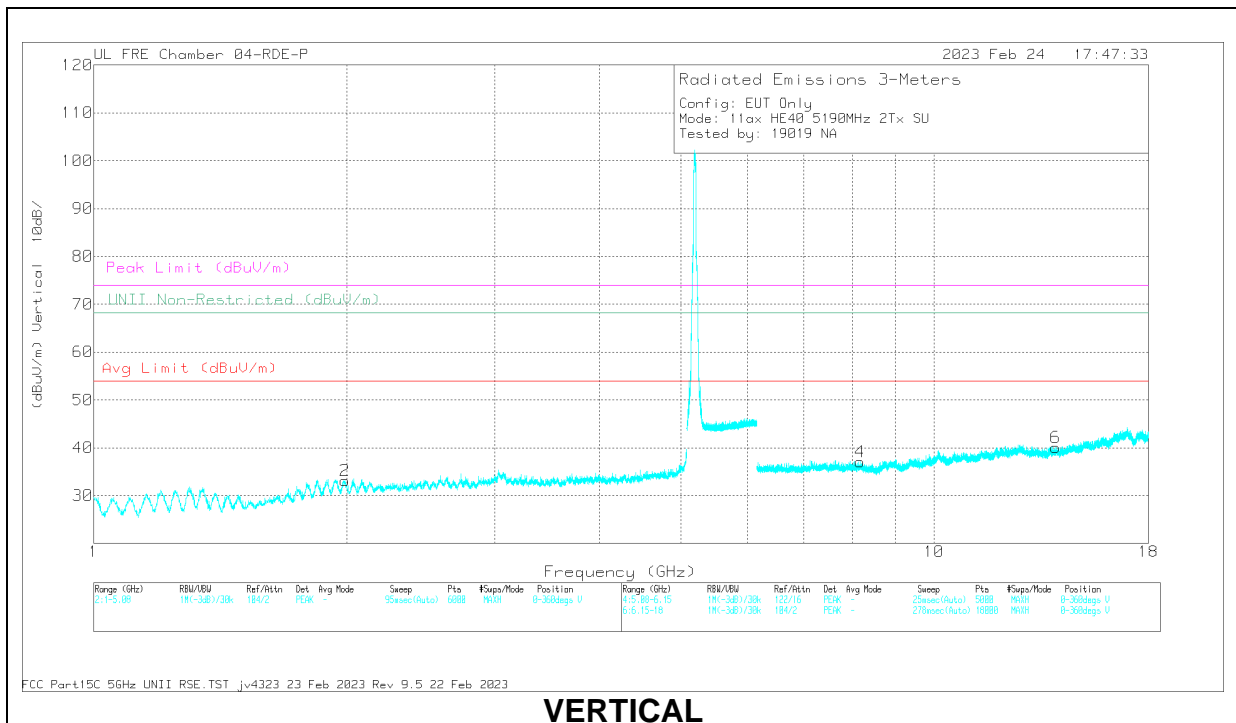
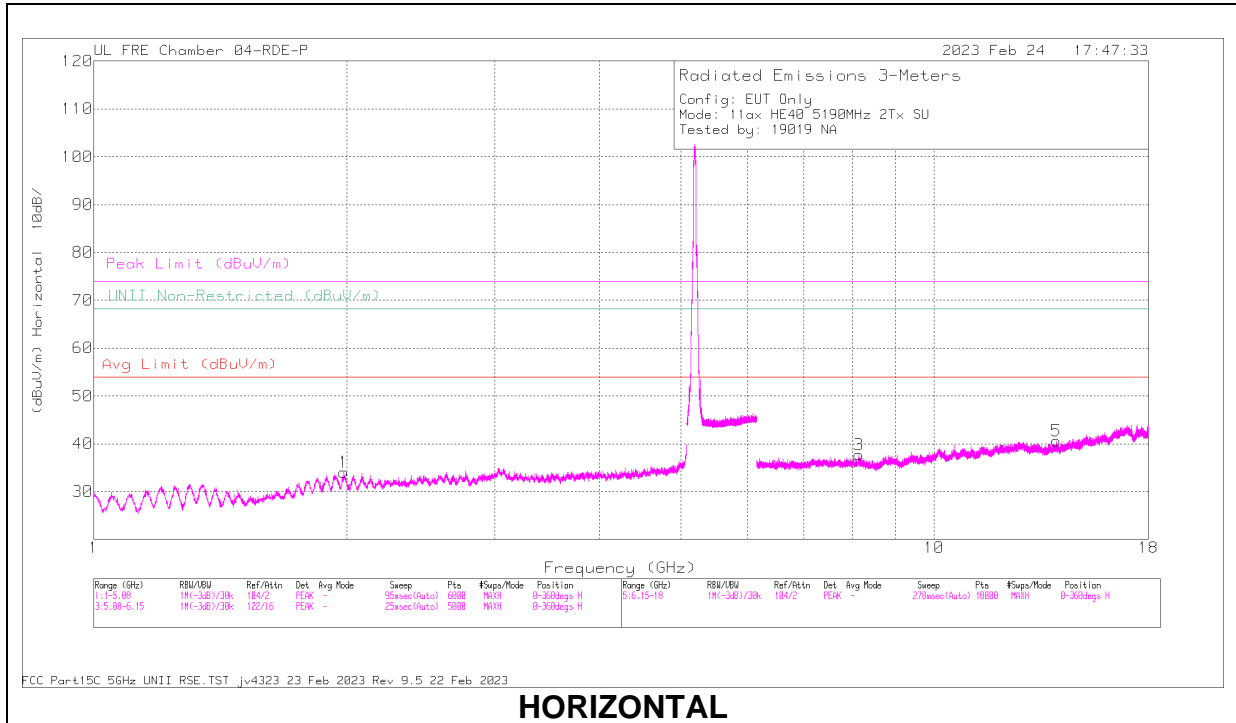


Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	230299 ACF (dB/m)	DCCF (dB)	Gain/Loss (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	*5.15	68.56	Pk	34.6	0	-38.69	64.47	-	-	74	-9.53	301	138	V
2	*5.148001	70.61	Pk	34.6	0	-38.75	66.46	-	-	74	-7.54	301	138	V
3	*5.15	52.22	RMS	34.6	.86	-38.69	48.99	54	-5.01	-	-	301	138	V
4	*5.147557	54.61	RMS	34.6	.86	-38.76	51.31	54	-2.69	-	-	301	138	V

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

HARMONICS AND SPURIOUS EMISSIONS

LOW CHANNEL RESULTS

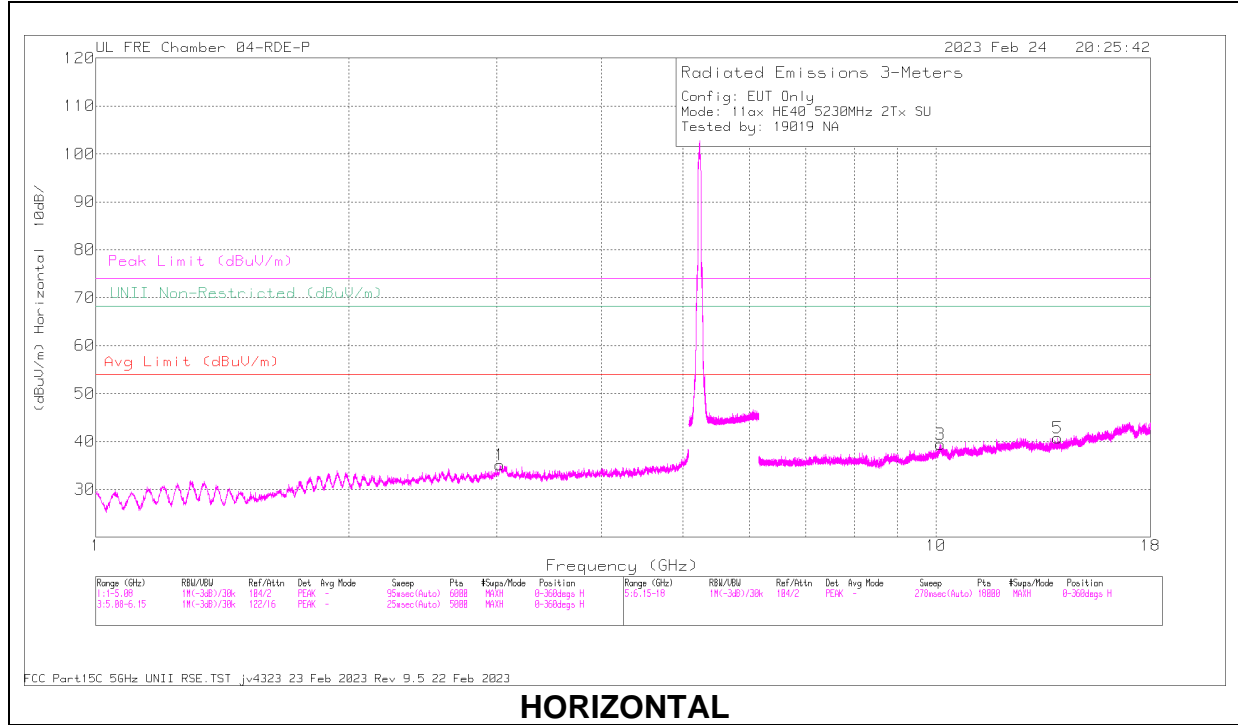


RADIATED EMISSIONS

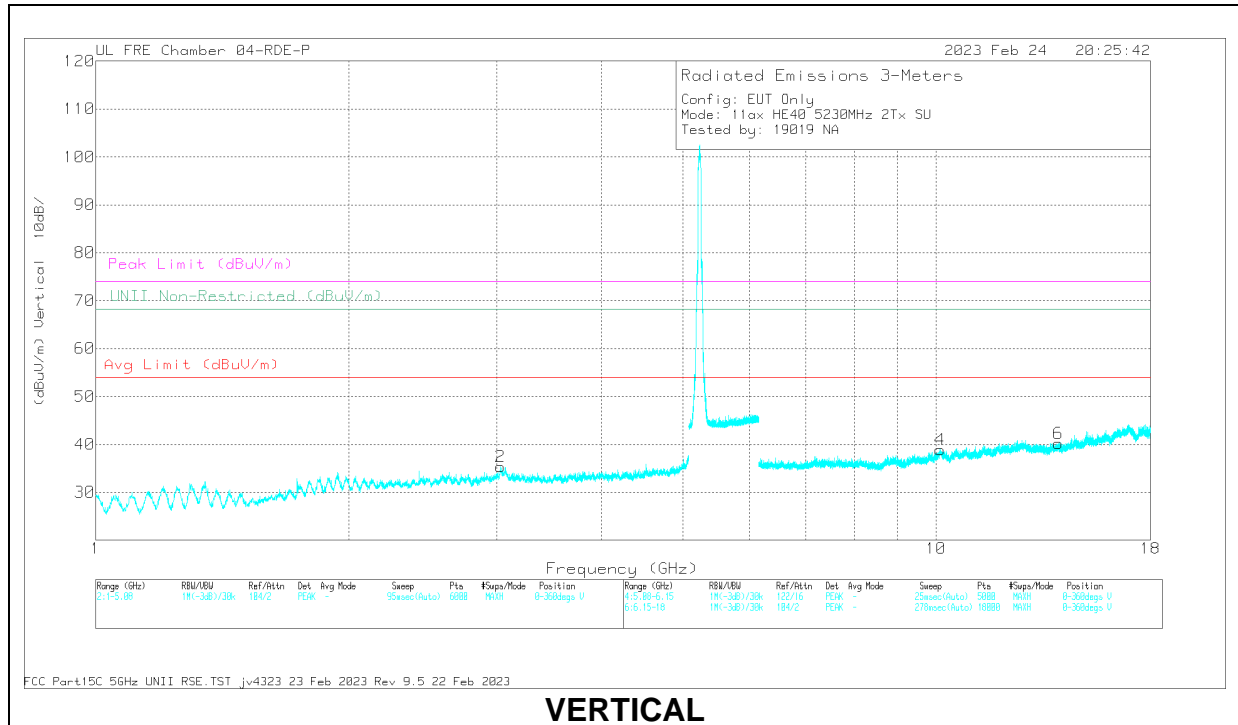
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	222740 ACF(dB) - 3mH	DCCF (dB)	Gain/Loss (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
3	*8.133391	56.24	PK-U	35.7	0	-44.76	47.18	-	-	74	-26.82	-	-	244	260	H
	*8.136336	44.14	ADR	35.7	.12	-44.73	35.23	54	-18.77	-	-	-	-	244	260	H
4	*8.164962	55.53	PK-U	35.7	0	-44.7	46.53	-	-	74	-27.47	-	-	311	299	V
	*8.165051	44.01	ADR	35.7	.12	-44.7	35.13	54	-18.87	-	-	-	-	311	299	V
1	1.985617	61.02	PK-U	31.5	0	-48.94	43.58	-	-	-	-	68.2	-24.62	119	312	H
2	1.989449	61.09	PK-U	31.5	0	-48.98	43.61	-	-	-	-	68.2	-24.59	189	109	V
6	13.949003	54.73	PK-U	38.6	0	-43.97	49.36	-	-	-	-	68.2	-18.84	204	104	V
5	13.989064	55.63	PK-U	38.6	0	-43.9	50.33	-	-	-	-	68.2	-17.87	181	243	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
1	3.029493	59.26	PK-U	33.4	-47.8	44.86	68.2	-23.34	299	265	H
2	3.03409	59.8	PK-U	33.4	-47.74	45.46	68.2	-22.74	262	206	V
4	10.115112	58.47	PK-U	37.2	-46.47	49.2	68.2	-19	71	330	V
3	10.12884	57.74	PK-U	37.2	-46.2	48.74	68.2	-19.46	325	114	H
5	13.960658	55.13	PK-U	38.6	-43.9	49.83	68.2	-18.37	239	288	H
6	13.983076	55.57	PK-U	38.6	-43.9	50.27	68.2	-17.93	213	282	V

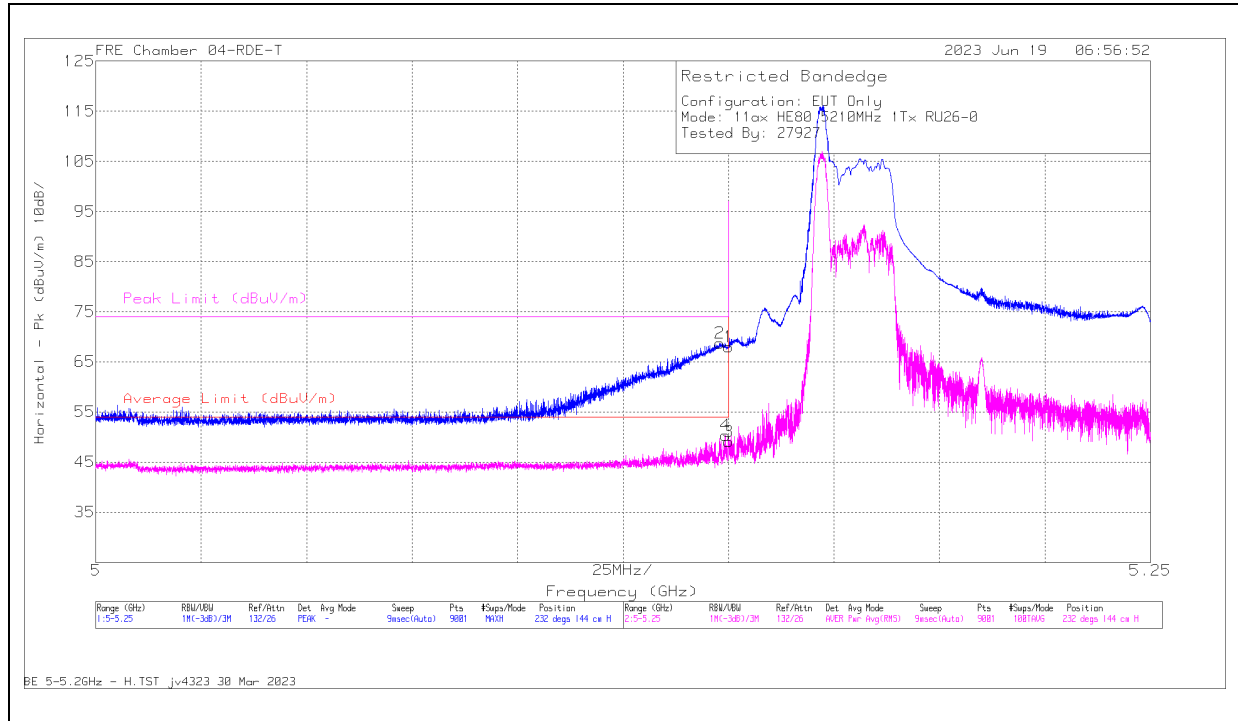
PK-U - U-NII: Maximum Peak

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

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

BANDEDGE (MID CHANNEL)

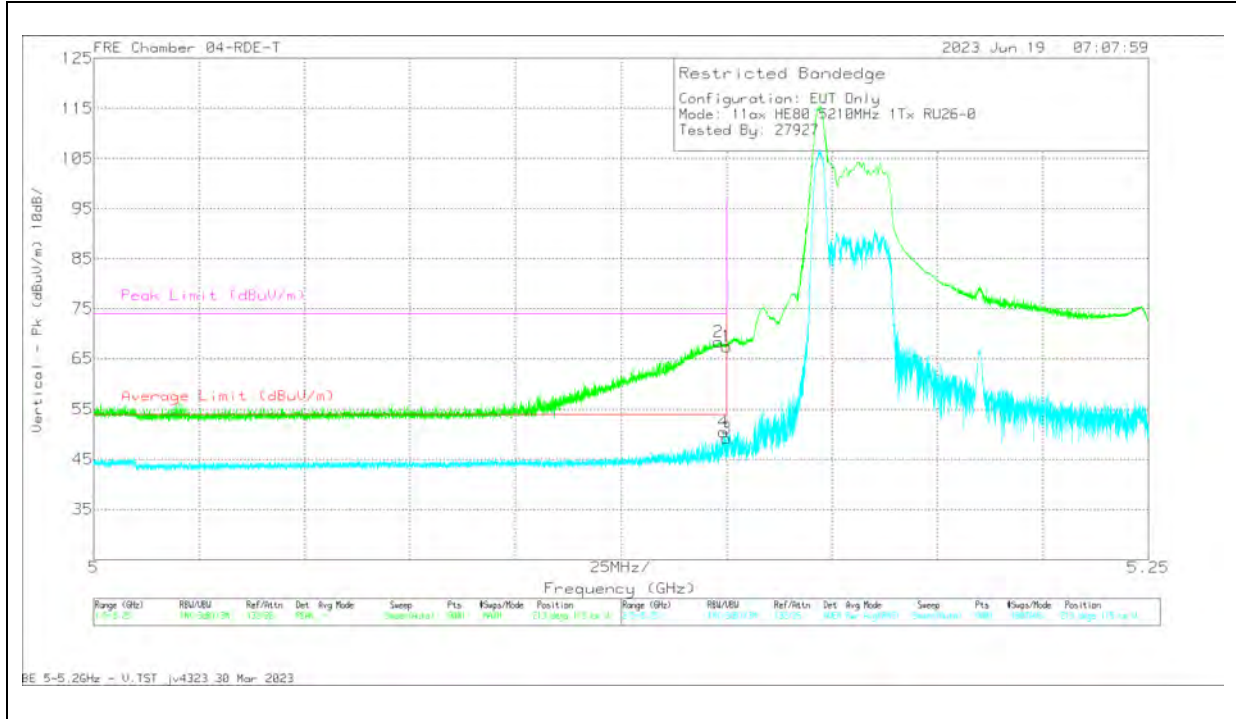
HORIZONTAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	226673 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	69.67	Pk	34.2	0	-35.9	67.97	-	-	74	-6.03	232	144	H
2	*5.147946	70.4	Pk	34.2	0	-35.91	68.69	-	-	74	-5.31	232	144	H
3	* 5.15	49.72	RMS	34.2	.54	-35.9	48.56	54	-5.44	-	-	232	144	H
4	*5.149223	51	RMS	34.2	.54	-35.9	49.84	54	-4.16	-	-	232	144	H

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

VERTICAL RESULT



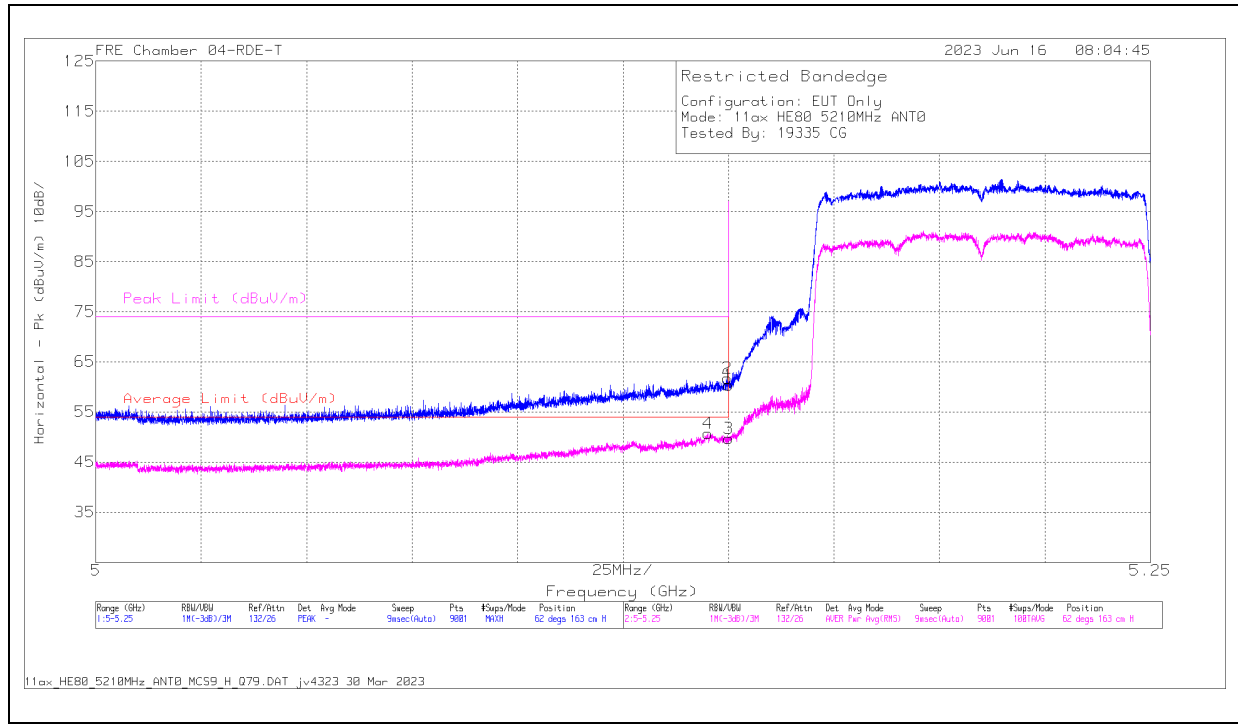
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	226673 ACF (dB) 3mH	DCCF (dB)	Gain/Loss (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	*5.15	69.13	Pk	34.2	0	-35.9	67.43	-	-	74	-6.57	213	115	V
2	*5.14814	70.04	Pk	34.2	0	-35.91	68.33	-	-	74	-5.67	213	115	V
3	*5.15	49.84	RMS	34.2	.54	-35.9	48.68	54	-5.32	-	-	213	115	V
4	*5.149251	51.09	RMS	34.2	.54	-35.9	49.93	54	-4.07	-	-	213	115	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)

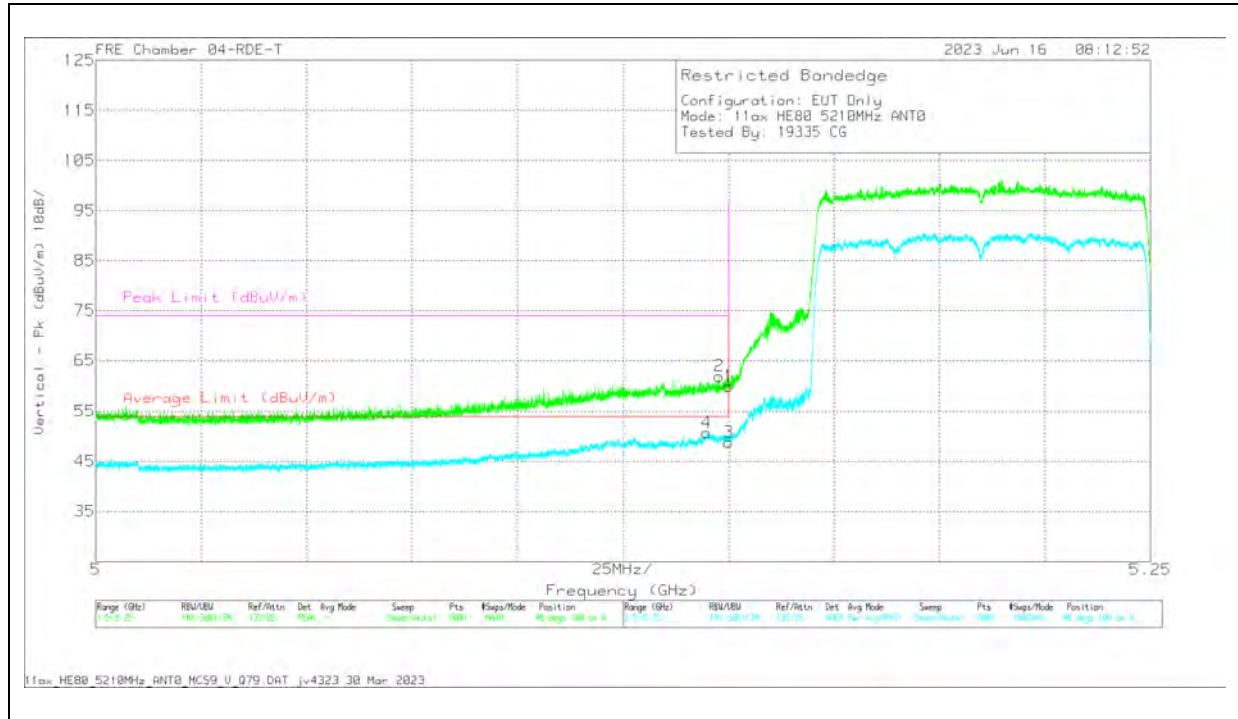
HORIZONTAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	226673 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	62.06	Pk	34.2	0	-35.9	60.36	-	-	74	-13.64	62	163	H
2	*5.149751	63.39	Pk	34.2	0	-35.9	61.69	-	-	74	-12.31	62	163	H
3	* 5.15	50.33	RMS	34.2	1.06	-35.9	49.69	54	-4.31	-	-	62	163	H
4	*5.145057	51.42	RMS	34.2	1.06	-35.95	50.73	54	-3.27	-	-	62	163	H

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

VERTICAL RESULT



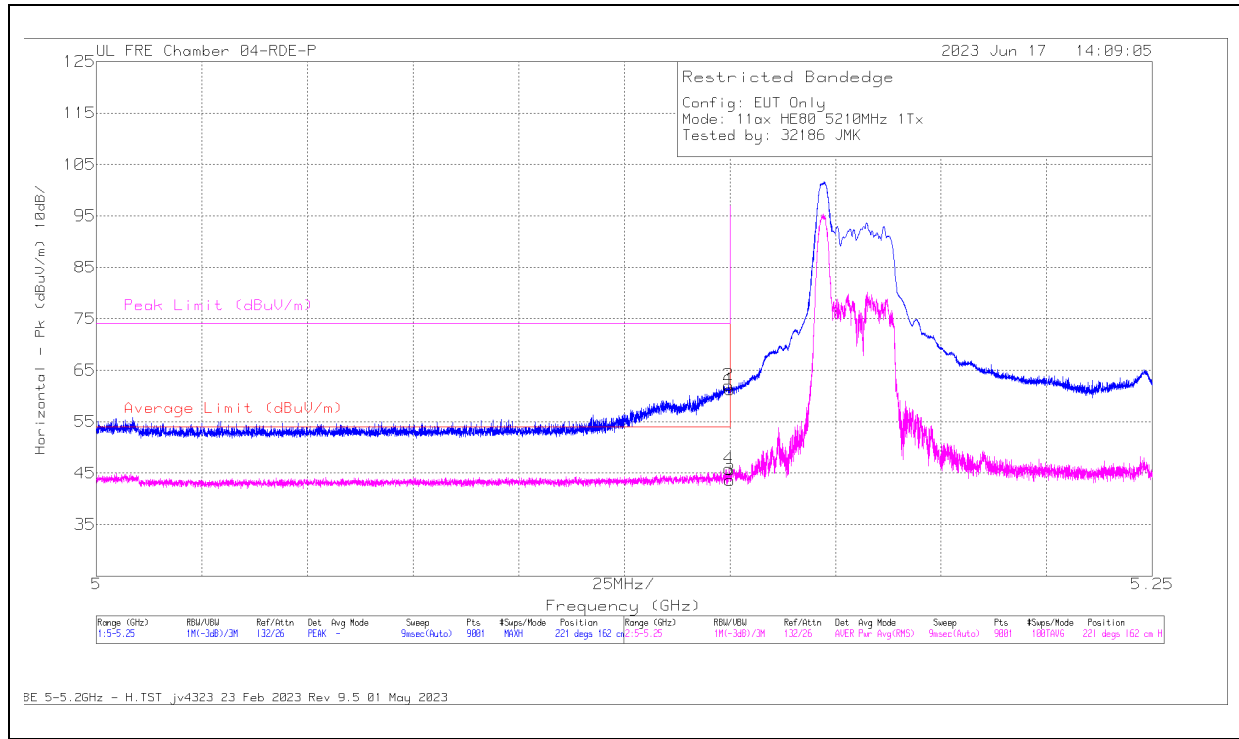
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	226673 ACF (dB) 3mH	DCCF (dB)	Gain/Loss (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	*5.15	61.71	Pk	34.2	0	-35.9	60.01	-	-	74	-13.99	40	100	V
2	*5.147723	63.72	Pk	34.2	0	-35.92	62	-	-	74	-12	40	100	V
3	*5.15	49.49	RMS	34.2	1.06	-35.9	48.85	54	-5.15	-	-	40	100	V
4	*5.144862	51.48	RMS	34.2	1.06	-35.95	50.79	54	-3.21	-	-	40	100	V

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

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

BANDEDGE (MID CHANNEL)

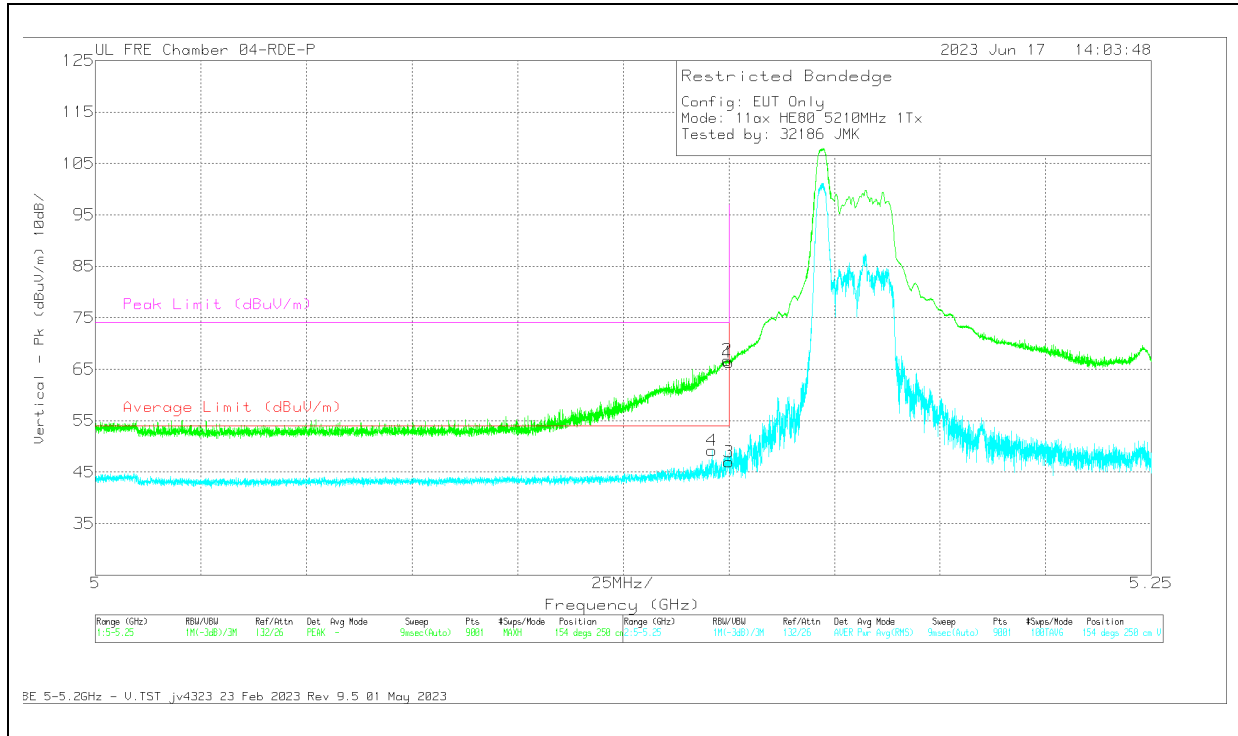
HORIZONTAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	222740 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	5.149668	66.52	Pk	34.1	0	-38.52	62.1	-	-	74	-11.9	221	162	H
4	5.149779	49.19	RMS	34.1	.54	-38.51	45.32	54	-8.68	-	-	221	162	H
1	5.15	65.68	Pk	34.1	0	-38.51	61.27	-	-	74	-12.73	221	162	H
3	5.15	46.97	RMS	34.1	.54	-38.51	43.10	54	-10.90	-	-	221	162	H

Pk - Peak detector
 RMS - RMS detection

VERTICAL RESULT



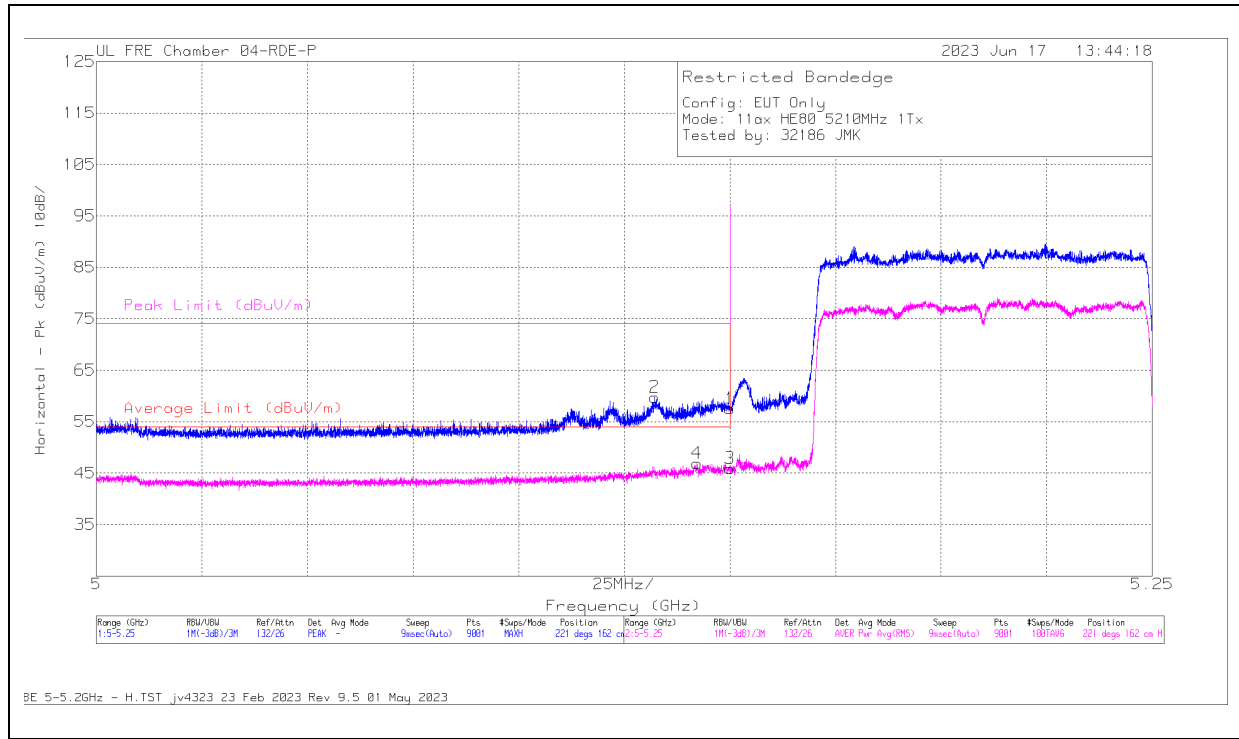
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	222740 ACF(dB) - 3mH	DCCF (dB)	Gain/Loss (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
4	5.145973	52.54	RMS	34.1	.54	-38.54	48.64	54	-5.36	-	-	154	250	V
2	5.14964	71.17	Pk	34.1	0	-38.52	66.75	-	-	74	-7.25	154	250	V
1	5.15	70.72	Pk	34.1	0	-38.51	66.31	-	-	74	-7.69	154	250	V
3	5.15	50.32	RMS	34.1	.54	-38.51	46.45	54	-7.55	-	-	154	250	V

Pk - Peak detector
RMS - RMS detection

1TX Antenna 5 MODE: SU, Single User

BANDEDGE (MID CHANNEL)

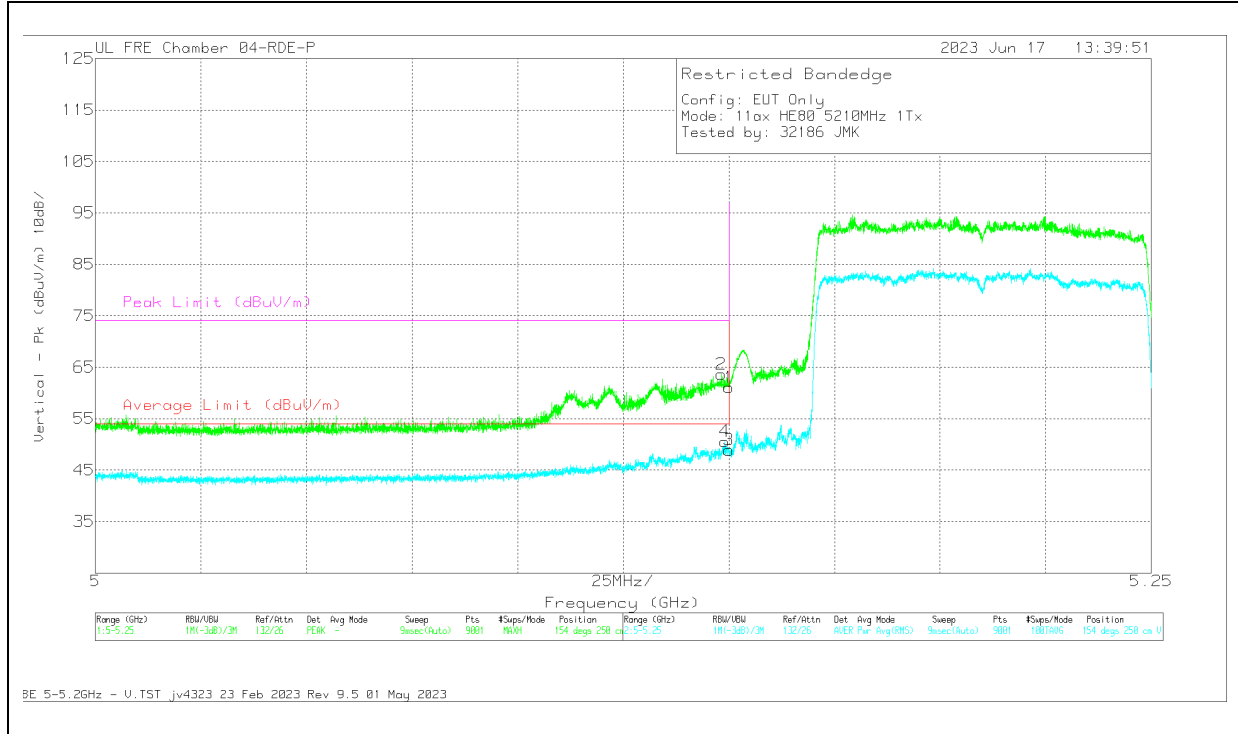
HORIZONTAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	222740 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	5.132196	64.33	Pk	34	0	-38.59	59.74	-	-	74	-14.26	221	162	H
4	5.142223	50.24	RMS	34.1	1.06	-38.5	46.9	54	-7.1	-	-	221	162	H
1	5.15	61.93	Pk	34.1	0	-38.51	57.52	-	-	74	-16.48	221	162	H
3	5.15	49.23	RMS	34.1	1.06	-38.51	45.88	54	-8.12	-	-	221	162	H

Pk - Peak detector
RMS - RMS detection

VERTICAL RESULT



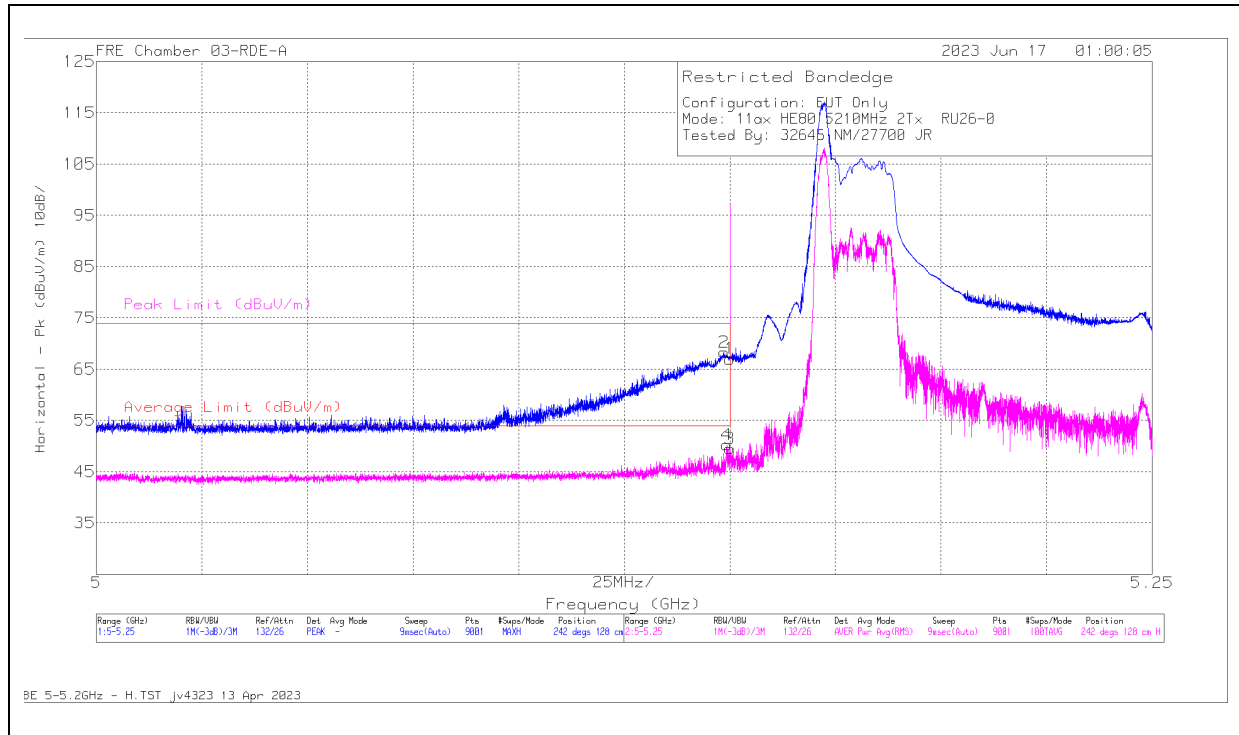
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	222740 ACF(dB) - 3mH	DCCF (dB)	Gain/Loss (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
2	5.148196	68.13	Pk	34.1	0	-38.6	63.63	-	-	74	-10.37	154	250	V
4	5.149057	53.92	RMS	34.1	1.06	-38.53	50.55	54	-3.45	-	-	154	250	V
1	5.15	65.47	Pk	34.1	0	-38.51	61.06	-	-	74	-12.94	154	250	V
3	5.15	52.24	RMS	34.1	1.06	-38.51	48.89	54	-5.11	-	-	154	250	V

Pk - Peak detector
RMS - RMS detection

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

BANDEDGE (MID CHANNEL)

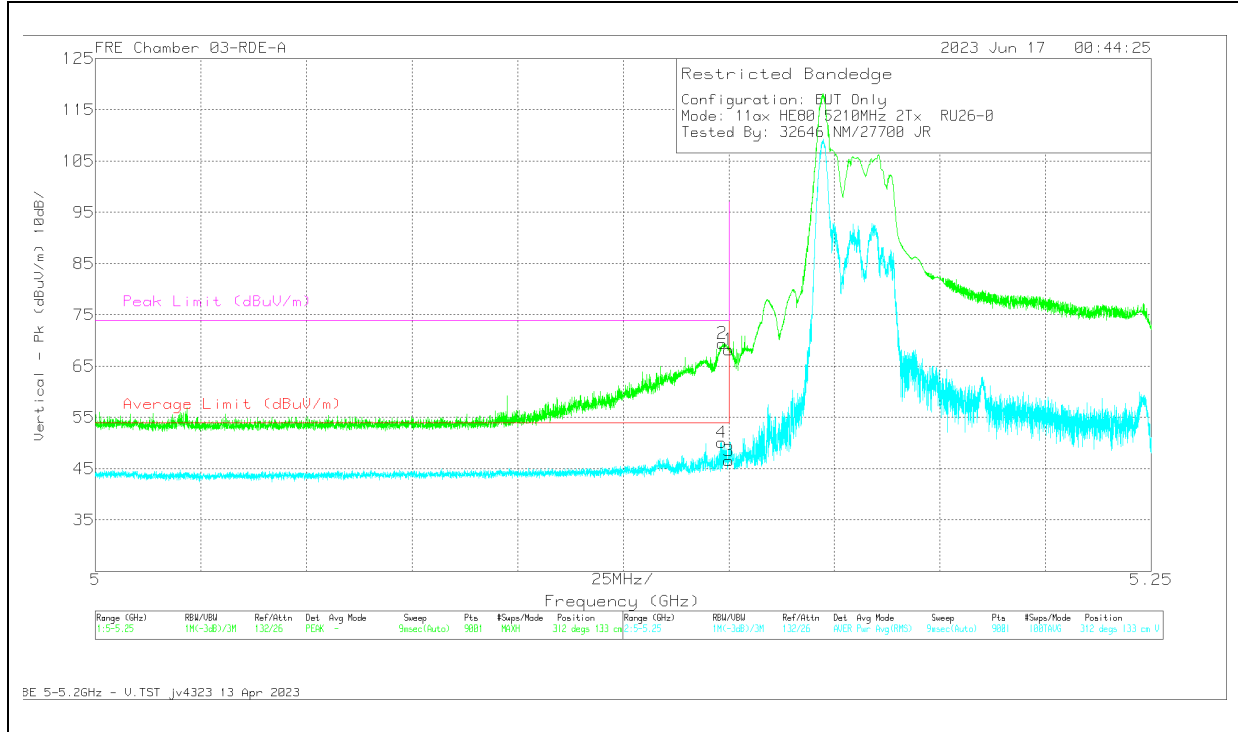
HORIZONTAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	230299 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	71.1	Pk	34.6	0	-38.69	67.01	-	-	74	-6.99	242	128	H
2	* 5.14864	72.41	Pk	34.6	0	-38.73	68.28	-	-	74	-5.72	242	128	H
3	* 5.15	52.53	RMS	34.6	.54	-38.69	48.98	54	-5.02	-	-	242	128	H
4	*5.149251	53.27	RMS	34.6	.54	-38.71	49.70	54	-4.30	-	-	242	128	H

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

VERTICAL RESULT

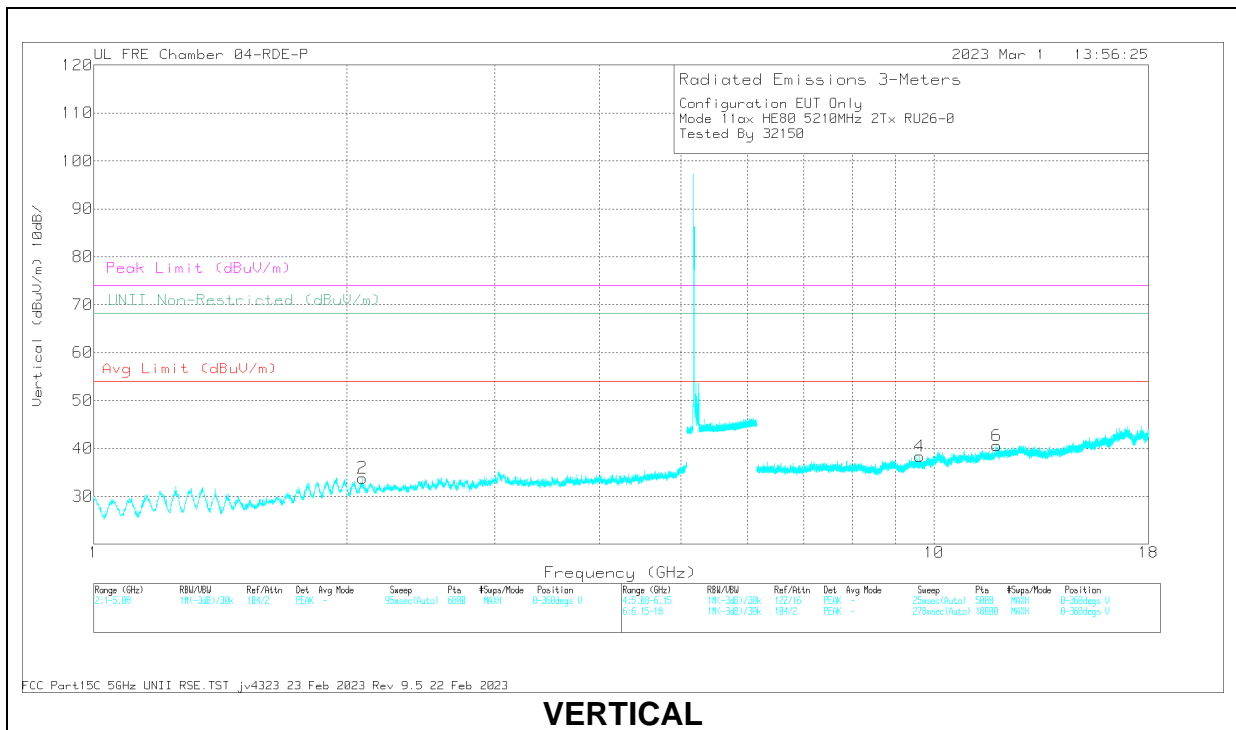
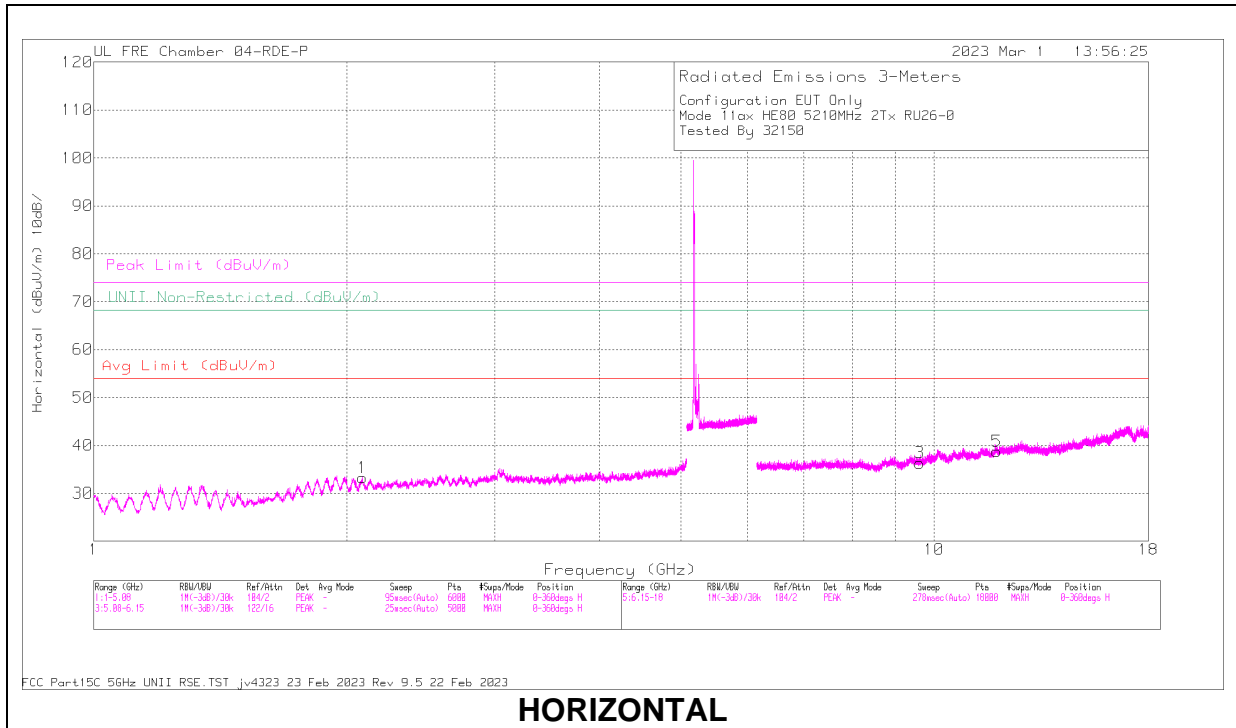


Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	230299 ACF (dB/m)	DCCF (dB)	Gain/Loss (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 5.15	72.28	Pk	34.6	0	-38.69	68.19	-	-	74	-5.81	312	133	V
2	*5.148418	73.58	Pk	34.6	0	-38.74	69.44	-	-	74	-4.56	312	133	V
3	* 5.15	49.59	RMS	34.6	.54	-38.69	46.04	54	-7.96	-	-	312	133	V
4	*5.148251	53.2	RMS	34.6	.54	-38.74	49.60	54	-4.40	-	-	312	133	V

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

HARMONICS AND SPURIOUS EMISSIONS

MID CHANNEL RESULTS



RADIATED EMISSIONS

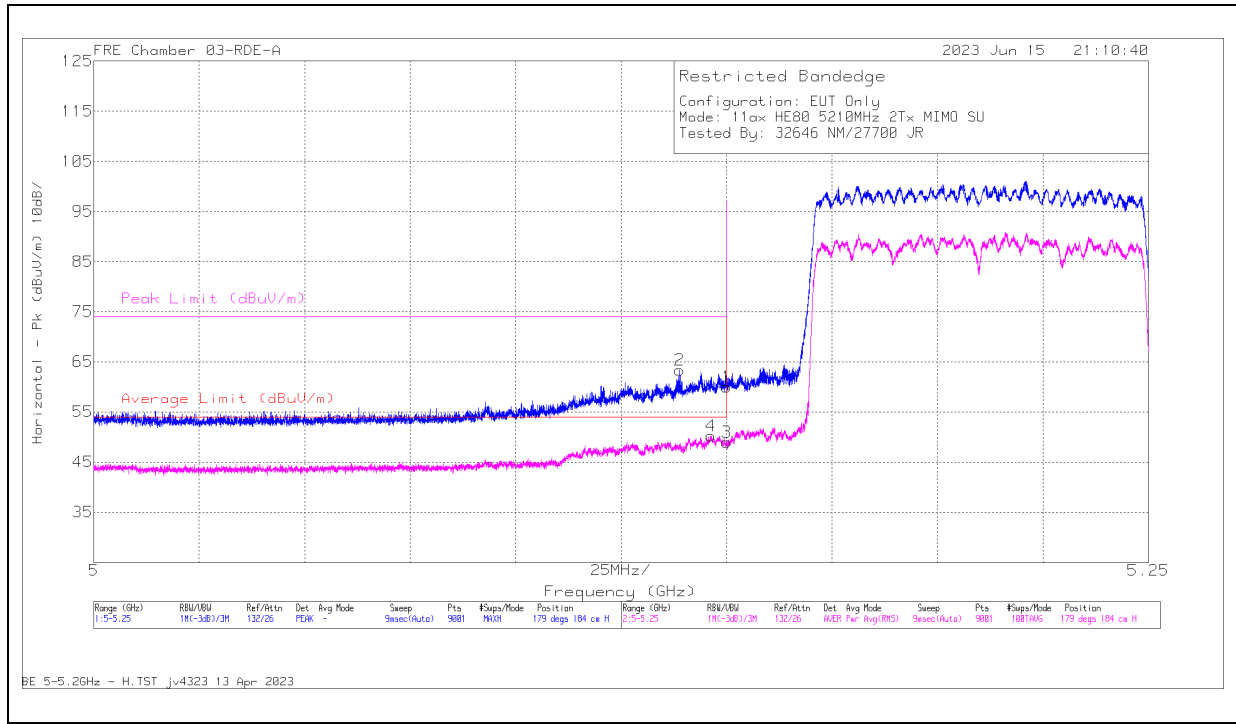
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	222740 ACF(dB) - 3mH	DCCF (dB)	Gain/Loss (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
5	*11.87713	53.77	PK-U	38.5	0	-43.22	49.05	-	-	74	-24.95	-	-	336	197	H
	*11.87595	42.43	ADR	38.5	0	-43.22	37.71	54	-16.29	-	-	-	-	336	197	H
6	*11.87470	53.78	PK-U	38.5	0	-43.24	49.04	-	-	74	-24.96	-	-	262	293	V
	*11.87676	42.34	ADR	38.5	0	-43.23	37.61	54	-16.39	-	-	-	-	262	293	V
1	2.088919	61.57	PK-U	31.4	0	-49.32	43.65	-	-	-	-	68.2	-24.55	67	200	H
2	2.089249	61.58	PK-U	31.4	0	-49.33	43.65	-	-	-	-	68.2	-24.55	147	235	V
3	9.611272	55.74	PK-U	36.5	0	-45.2	47.04	-	-	-	-	68.2	-21.16	228	169	H
4	9.612306	55.85	PK-U	36.5	0	-45.18	47.17	-	-	-	-	68.2	-21.03	291	273	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)

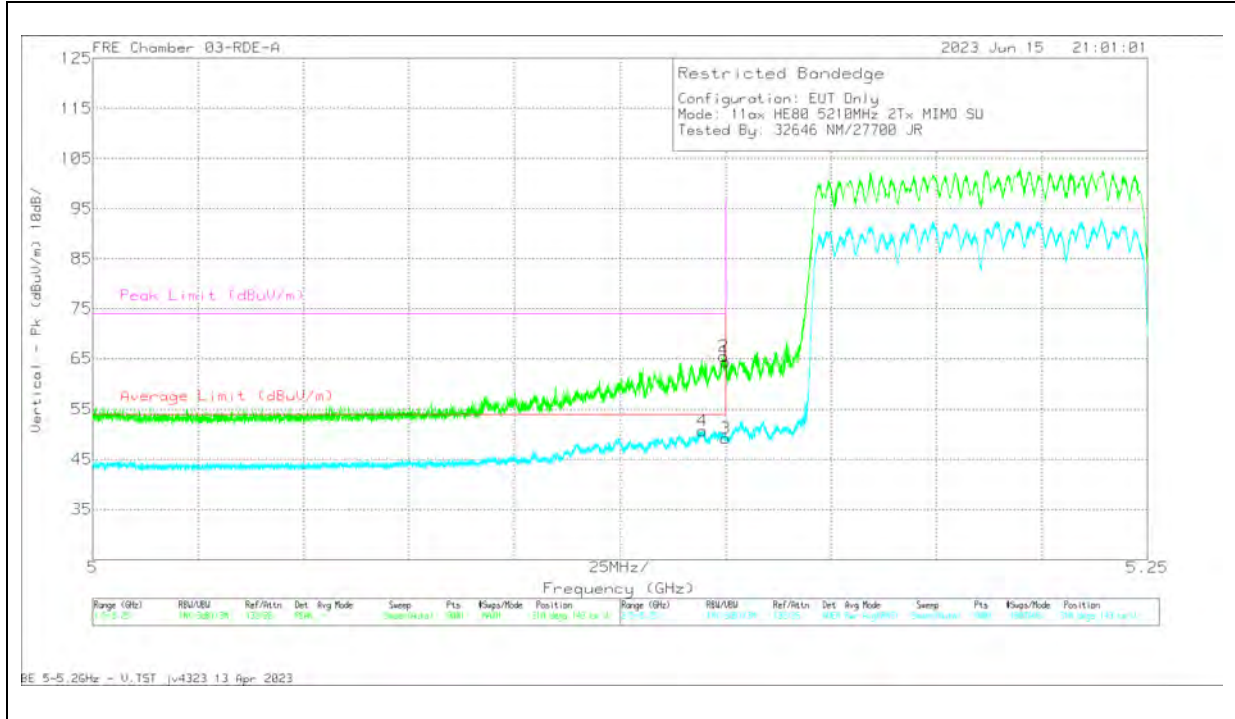
HORIZONTAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	230299 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	64.04	Pk	34.6	0	-38.69	59.95	-	-	74	-14.05	179	184	H
2	*5.138807	67.64	Pk	34.5	0	-38.79	63.35	-	-	74	-10.65	179	184	H
3	* 5.15	51.95	RMS	34.6	1.06	-38.69	48.92	54	-5.08	-	-	179	184	H
4	*5.146362	53.34	RMS	34.6	1.06	-38.79	50.21	54	-3.79	-	-	179	184	H

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

VERTICAL RESULT

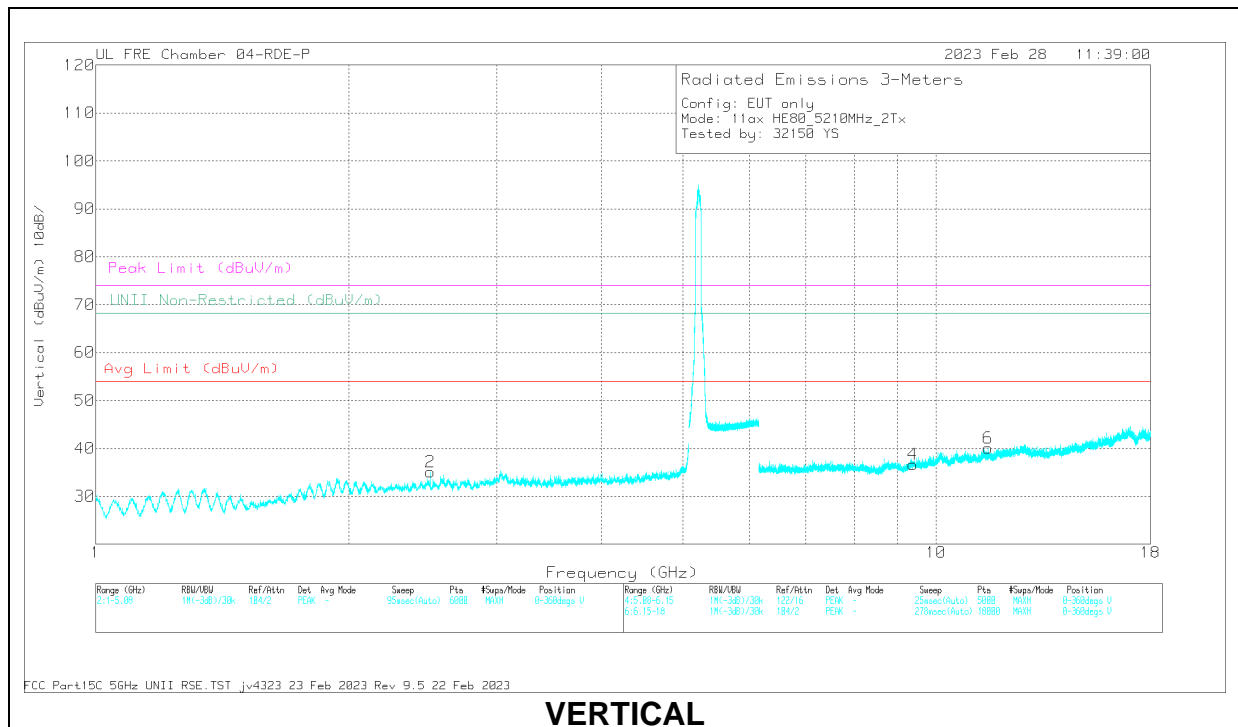
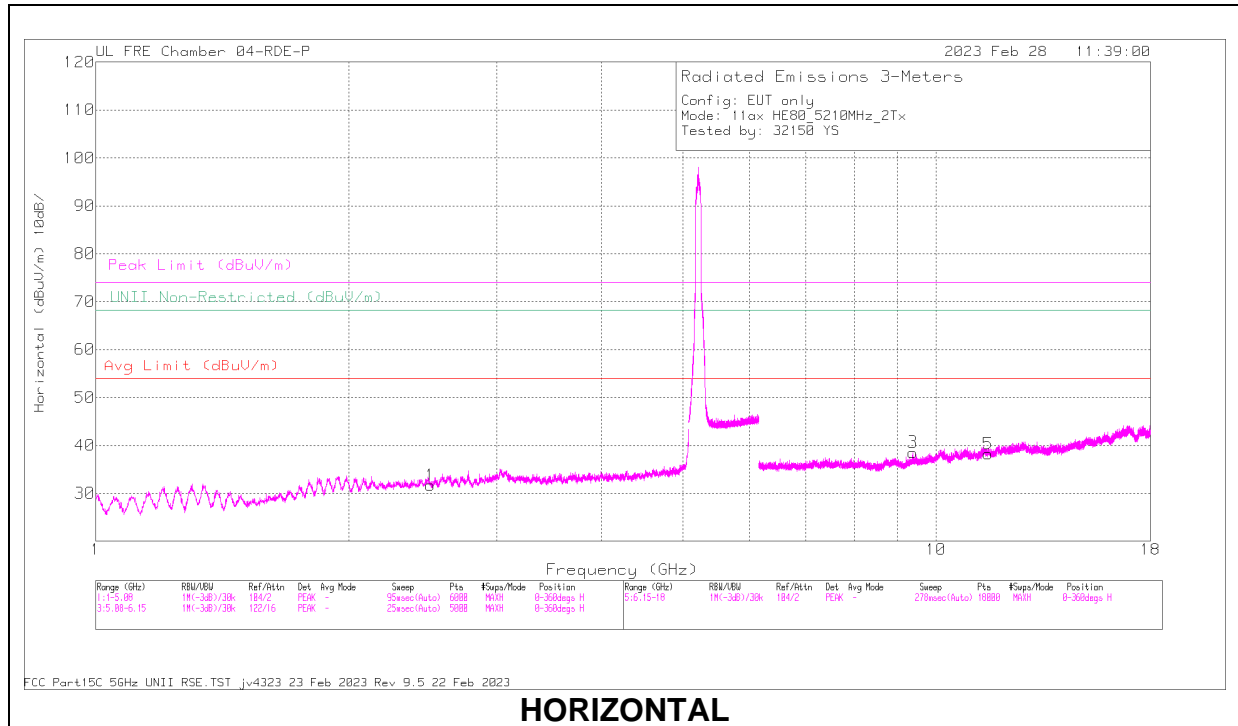


Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	230299 ACF (dB/m)	DCCF (dB)	Gain/Loss (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	*5.15	68.39	Pk	34.6	0	-38.69	64.3	-	-	74	-9.7	310	143	V
2	*5.149612	69.53	Pk	34.6	0	-38.7	65.43	-	-	74	-8.57	310	143	V
3	*5.15	52.21	RMS	34.6	1.06	-38.69	49.18	54	-4.82	-	-	310	143	V
4	*5.144584	53.9	RMS	34.6	1.06	-38.79	50.77	54	-3.23	-	-	310	143	V

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

HARMONICS AND SPURIOUS EMISSIONS

MID CHANNEL RESULTS



RADIATED EMISSIONS

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	222740 ACF(dB) - 3mH	DCCF (dB)	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	*9.385463	56.15	PK-U	36.3	0	-43.92	48.53	-	-	74	-25.47	-	-	0	100	H
	*9.385412	43.86	ADR	36.3	21	-43.91	36.46	54	-17.54	-	-	-	-	0	100	H
5	*11.530385	54.86	PK-U	38.1	0	-43.21	49.75	-	-	74	-24.25	-	-	17	100	H
	*11.531242	42.83	ADR	38.1	21	-43.21	37.93	54	-16.07	-	-	-	-	17	100	H
4	* 9.384463	55.42	PK-U	36.3	0	-43.92	47.8	-	-	74	-26.2	-	-	0	201	V
	* 9.381922	43.81	ADR	36.3	21	-44.04	36.28	54	-17.72	-	-	-	-	0	201	V
6	*11.529263	54.47	PK-U	38.1	0	-43.2	49.37	-	-	74	-24.63	-	-	17	224	V
	*11.529739	42.91	ADR	38.1	21	-43.21	38.01	54	-15.99	-	-	-	-	17	224	V
1	2.500929	59.58	PK-U	32.1	0	-49.33	42.35	-	-	-	-	68.2	-25.85	53	139	H
2	2.501357	60.65	PK-U	32.1	0	-49.33	43.42	-	-	-	-	68.2	-24.78	88	231	V

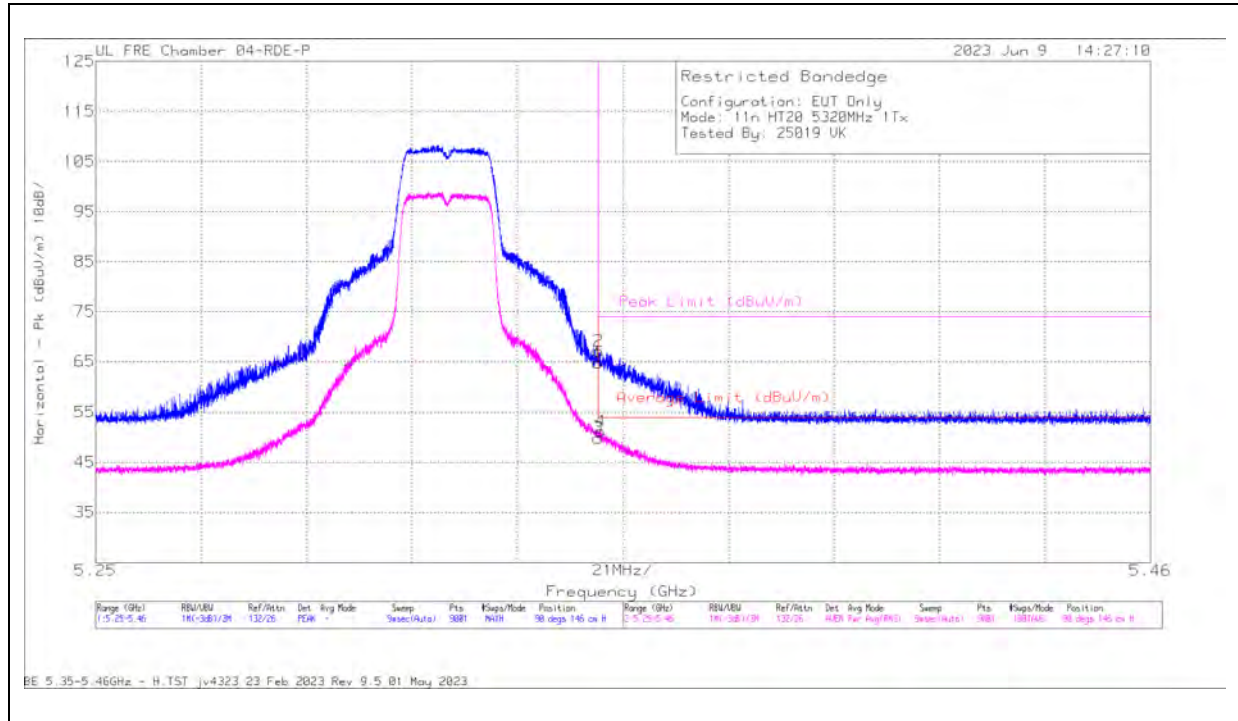
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band
 PK-U - U-NII: Maximum Peak
 ADR - U-NII AD primary method, RMS average

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

1TX Antenna 6 MODE

BANDEDGE (HIGH CHANNEL)

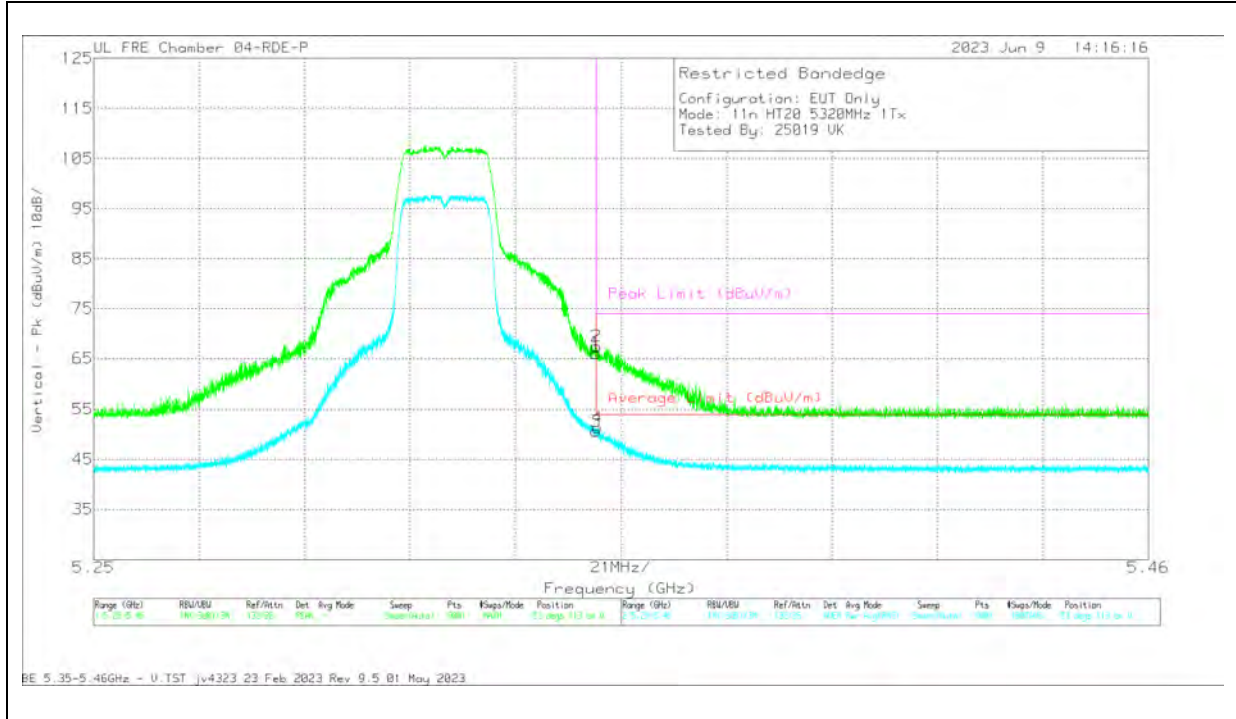
HORIZONTAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	222740 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	68.47	Pk	34.4	0	-38.18	64.69	-	-	74	-9.31	90	146	H
3	5.35	53.23	RMS	34.4	.62	-38.18	50.07	54	-3.93	-	-	90	146	H
2	5.350122	70.9	Pk	34.4	0	-38.19	67.11	-	-	74	-6.89	90	146	H
4	5.350542	54.57	RMS	34.4	.62	-38.22	51.37	54	-2.63	-	-	90	146	H

Pk - Peak detector
RMS - RMS detection

VERTICAL RESULT



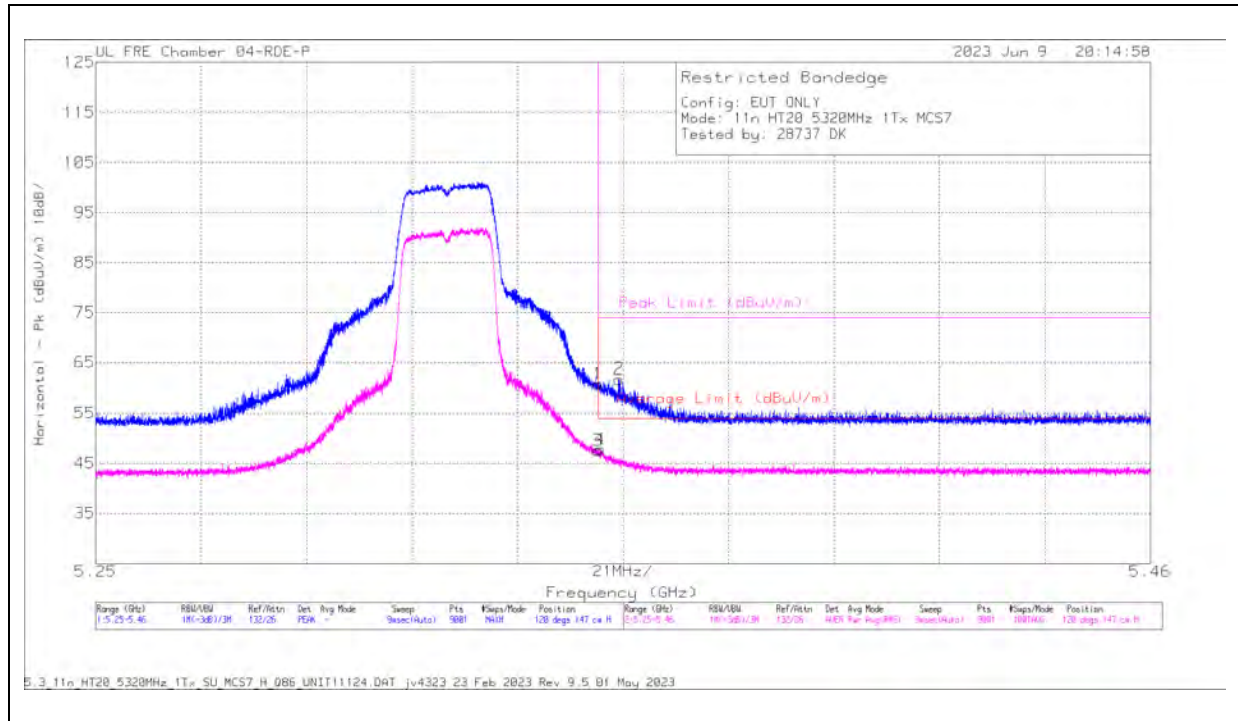
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	222740 ACF(dB) - 3mH	DCCF (dB)	Gain/Loss (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.35	69.83	Pk	34.4	0	-38.18	66.05	-	-	74	-7.95	53	113	V
3	5.35	53.91	RMS	34.4	.62	-38.18	50.75	54	-3.25	-	-	53	113	V
2	5.350122	71.29	Pk	34.4	0	-38.19	67.5	-	-	74	-6.5	53	113	V
4	5.350332	54.68	RMS	34.4	.62	-38.21	51.49	54	-2.51	-	-	53	113	V

Pk - Peak detector
 RMS - RMS detection

1TX Antenna 5 MODE

BANDEDGE (HIGH CHANNEL)

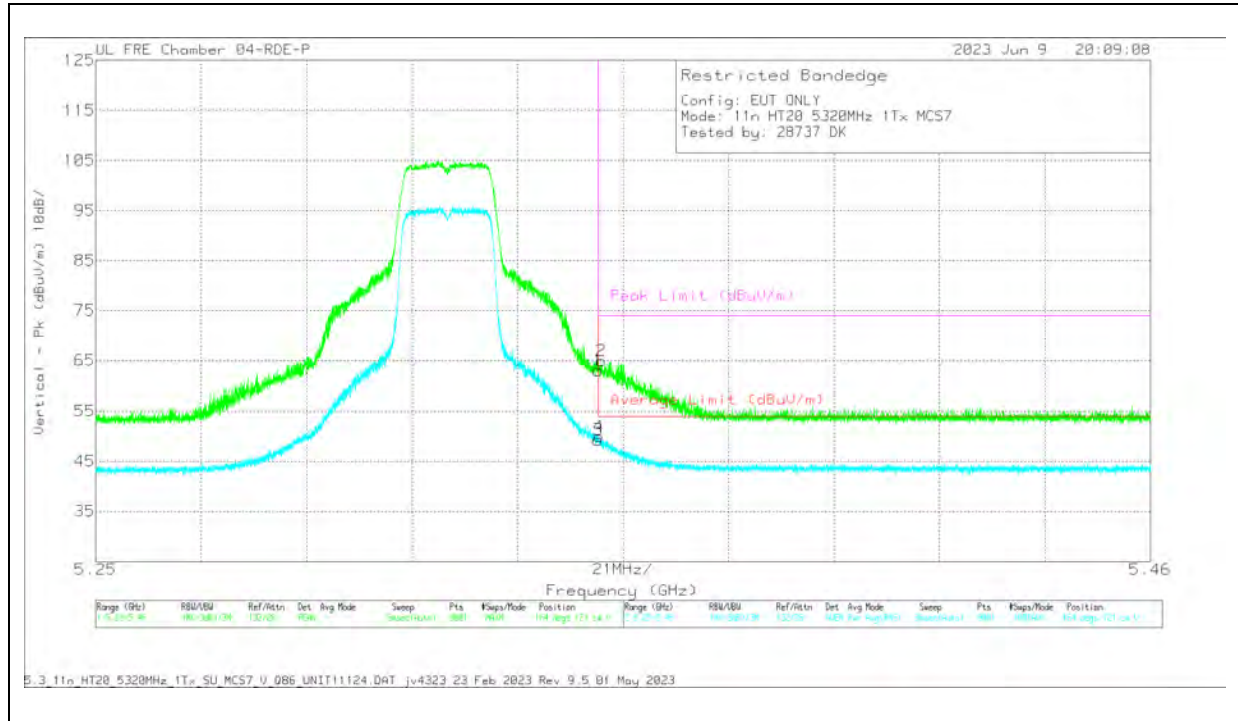
HORIZONTAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	222740 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	64.69	Pk	34.4	0	-38.18	60.91	-	-	74	-13.09	120	147	H
3	5.35	50.73	RMS	34.4	.62	-38.18	47.57	54	-6.43	-	-	120	147	H
4	5.350449	51.03	RMS	34.4	.62	-38.22	47.83	54	-6.17	-	-	120	147	H
2	5.354205	65.62	Pk	34.4	0	-38.23	61.79	-	-	74	-12.21	120	147	H

Pk - Peak detector
 RMS - RMS detection

VERTICAL RESULT



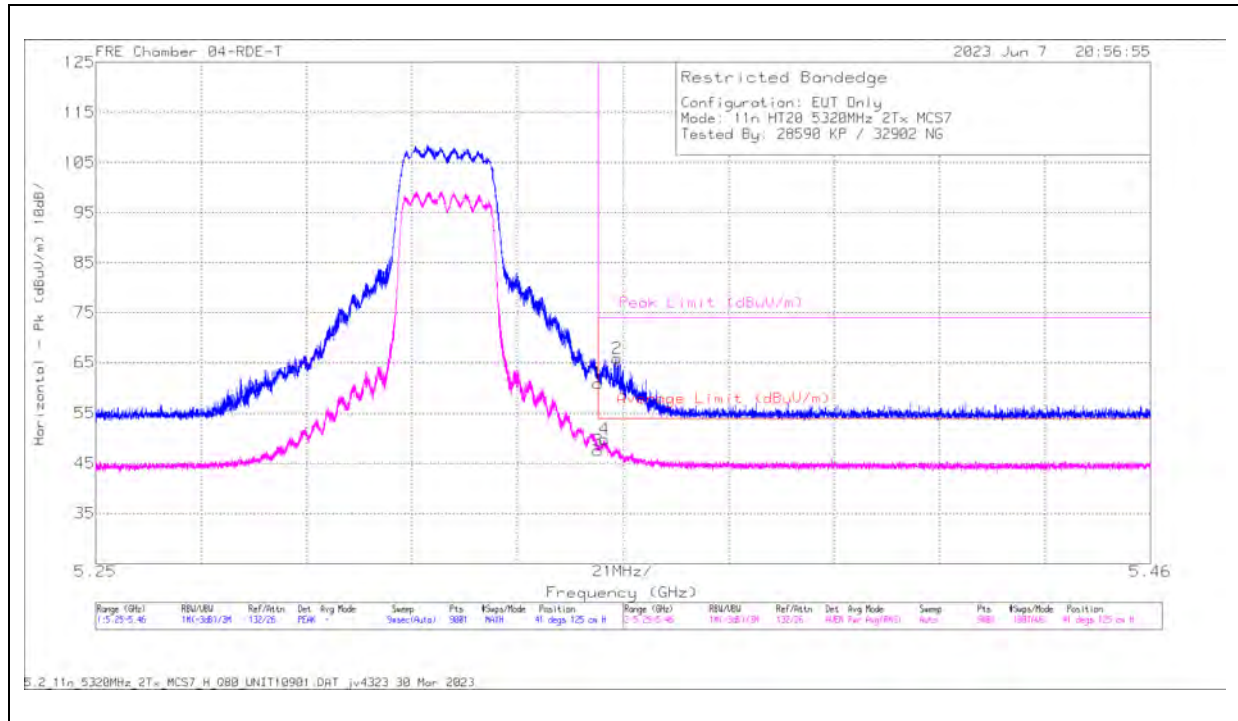
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	222740 ACF(dB) - 3mH	DCCF (dB)	Gain/Loss (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.35	66.89	Pk	34.4	0	-38.18	63.11	-	-	74	-10.89	164	121	V
3	5.35	52.45	RMS	34.4	.62	-38.18	49.29	54	-4.71	-	-	164	121	V
4	5.350215	53.16	RMS	34.4	.62	-38.2	49.98	54	-4.02	-	-	164	121	V
2	5.350635	68.78	Pk	34.4	0	-38.23	64.95	-	-	74	-9.05	164	121	V

Pk - Peak detector

2TX Antenna 6 + Antenna 5 CDD MODE

BANDEDGE (HIGH CHANNEL)

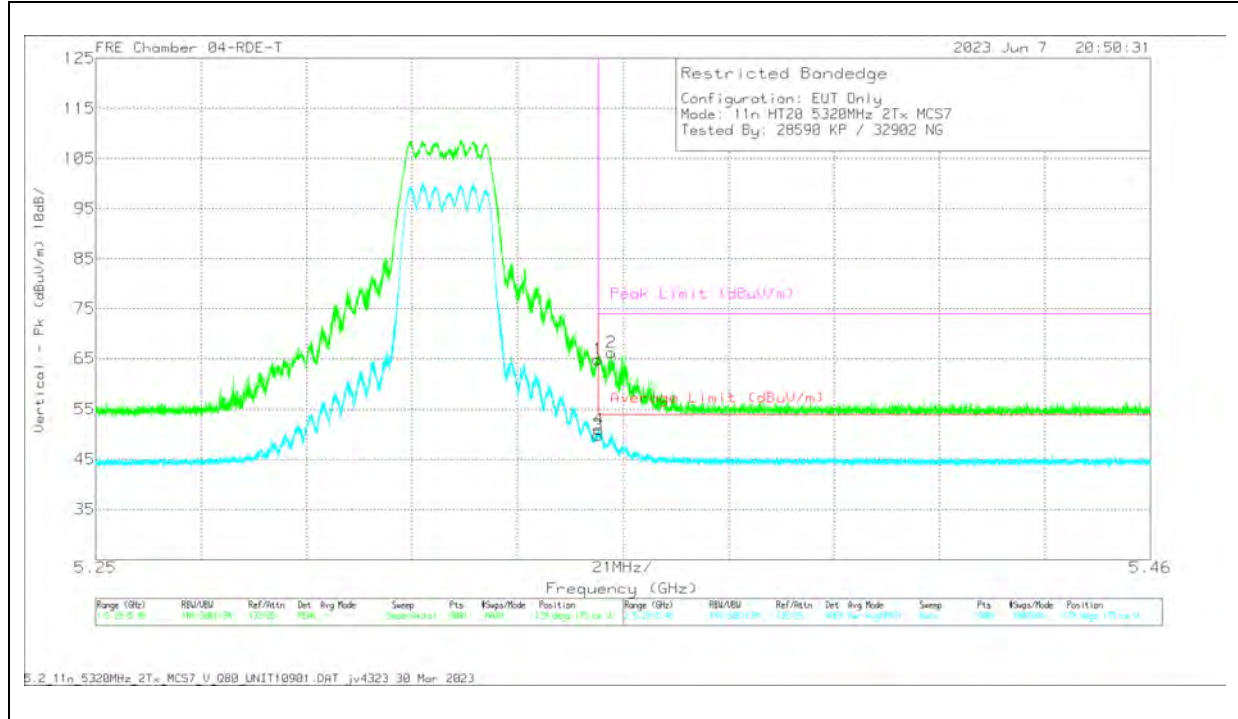
HORIZONTAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	226673 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	61.91	Pk	34.5	0	-35.37	61.04	-	-	74	-12.96	41	125	H
2	*5.353855	66.72	Pk	34.5	0	-35.33	65.89	-	-	74	-8.11	41	125	H
3	* 5.35	47.79	RMS	34.5	.62	-35.37	47.54	54	-6.46	-	-	41	125	H
4	*5.351312	50.11	RMS	34.5	.62	-35.37	49.86	54	-4.14	-	-	41	125	H

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

VERTICAL RESULT

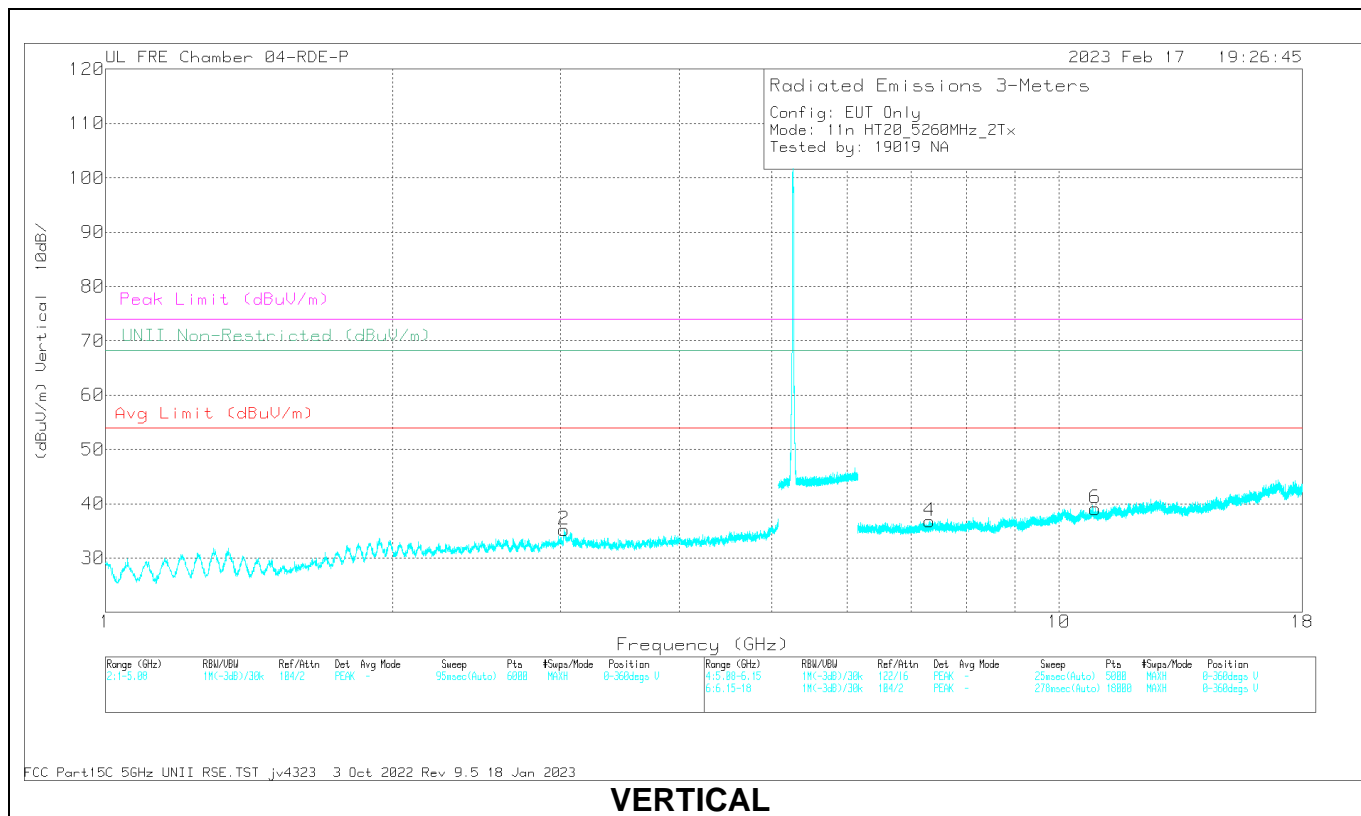
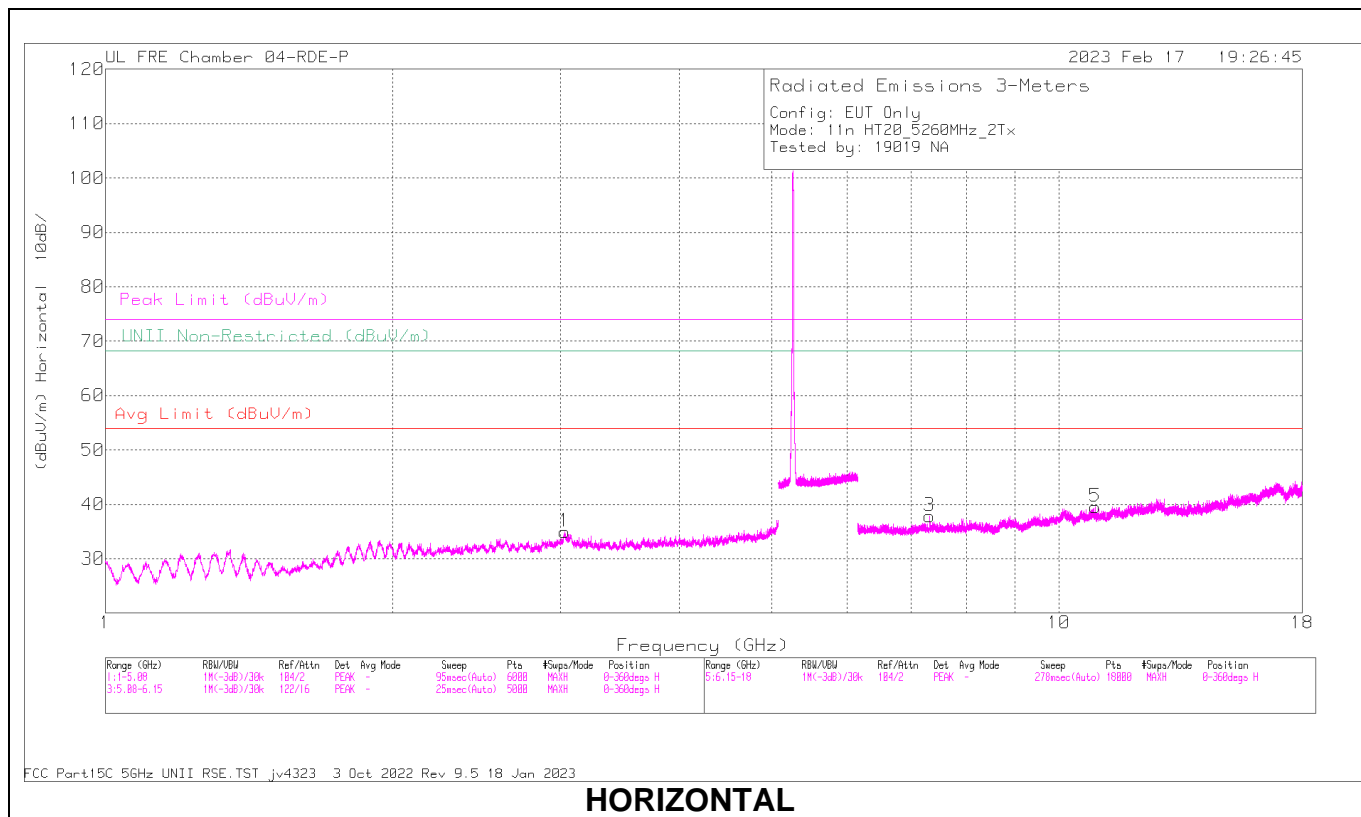


Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	226673 ACF (dB) 3mH	DCCF (dB)	Gain/Loss (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	*5.35	65.73	Pk	34.5	0	-35.37	64.86	-	-	74	-9.14	129	175	V
2	*5.352665	67.08	Pk	34.5	0	-35.35	66.23	-	-	74	-7.77	129	175	V
3	*5.35	50.07	RMS	34.5	.62	-35.37	49.82	54	-4.18	-	-	129	175	V
4	*5.350215	51.22	RMS	34.5	.62	-35.37	50.97	54	-3.03	-	-	129	175	V

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

HARMONICS AND SPURIOUS EMISSIONS

LOW CHANNEL RESULTS



RADIATED EMISSIONS

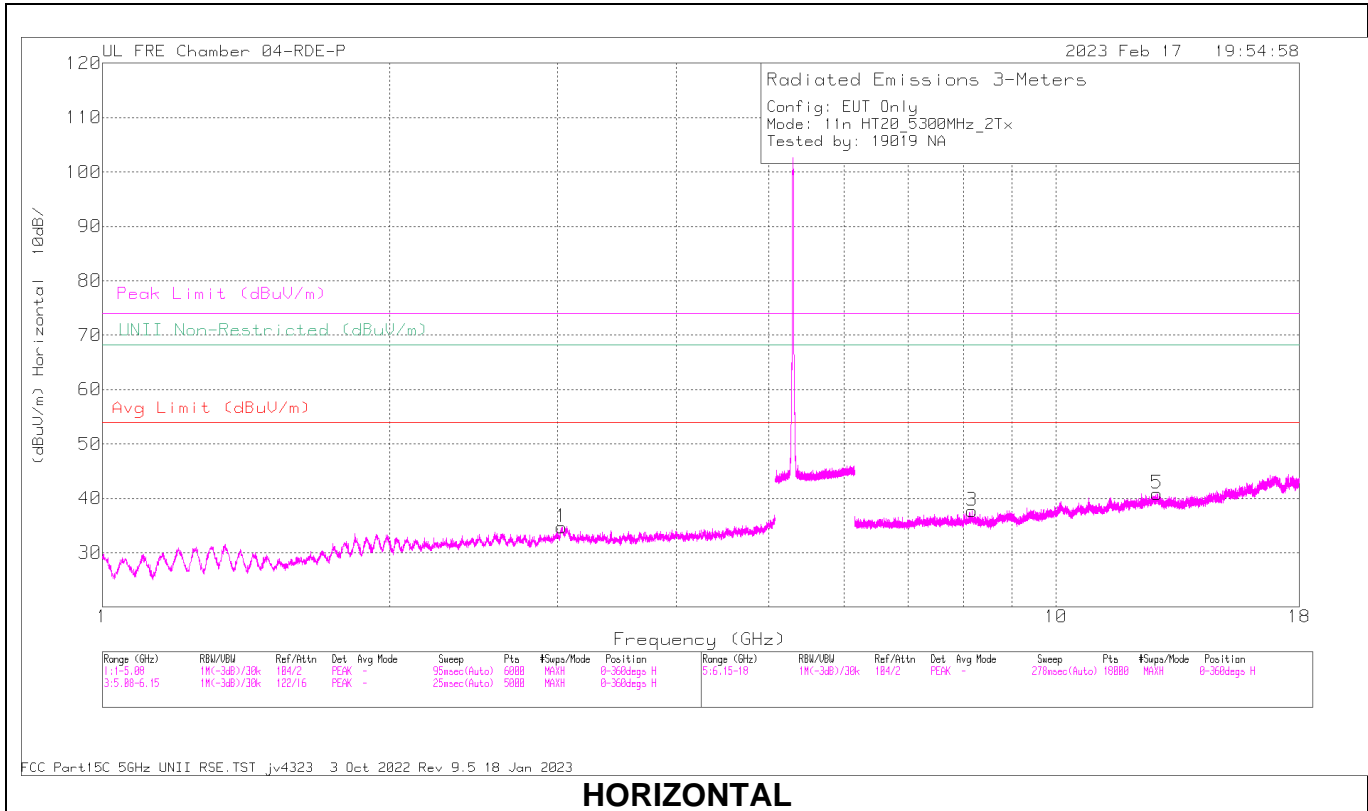
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	222740 ACF(dB) - 3mH	DCCF (dB)	Gain/Loss (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
2	3.030214	58.86	PK-U	33.4	0	-47.8	44.46	-	-	-	-	68.2	-23.74	175	139	V
1	3.034363	58.94	PK-U	33.4	0	-47.72	44.62	-	-	-	-	68.2	-23.58	59	242	H
4	*7.316497	56.11	PK-U	35.7	0	-45.86	45.95	-	-	74	-28.05	-	-	275	122	V
	*7.31668	44.87	ADR	35.7	.18	-45.85	34.9	54	-19.10	-	-	-	-	275	122	V
3	*7.322213	56.33	PK-U	35.7	0	-45.92	46.11	-	-	74	-27.89	-	-	284	113	H
	*7.323688	44.86	ADR	35.7	.18	-45.89	34.85	54	-19.15	-	-	-	-	284	113	H
6	*10.90955	54.62	PK-U	37.6	0	-43.43	48.79	-	-	74	-25.21	-	-	33	147	V
	*10.912591	42.73	ADR	37.6	.18	-43.45	37.06	54	-16.94	-	-	-	-	33	147	V
5	*10.929274	54.11	PK-U	37.6	0	-43.57	48.14	-	-	74	-25.86	-	-	358	262	H
	*10.929539	42.73	ADR	37.6	.18	-43.56	36.95	54	-17.05	-	-	-	-	358	262	H

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

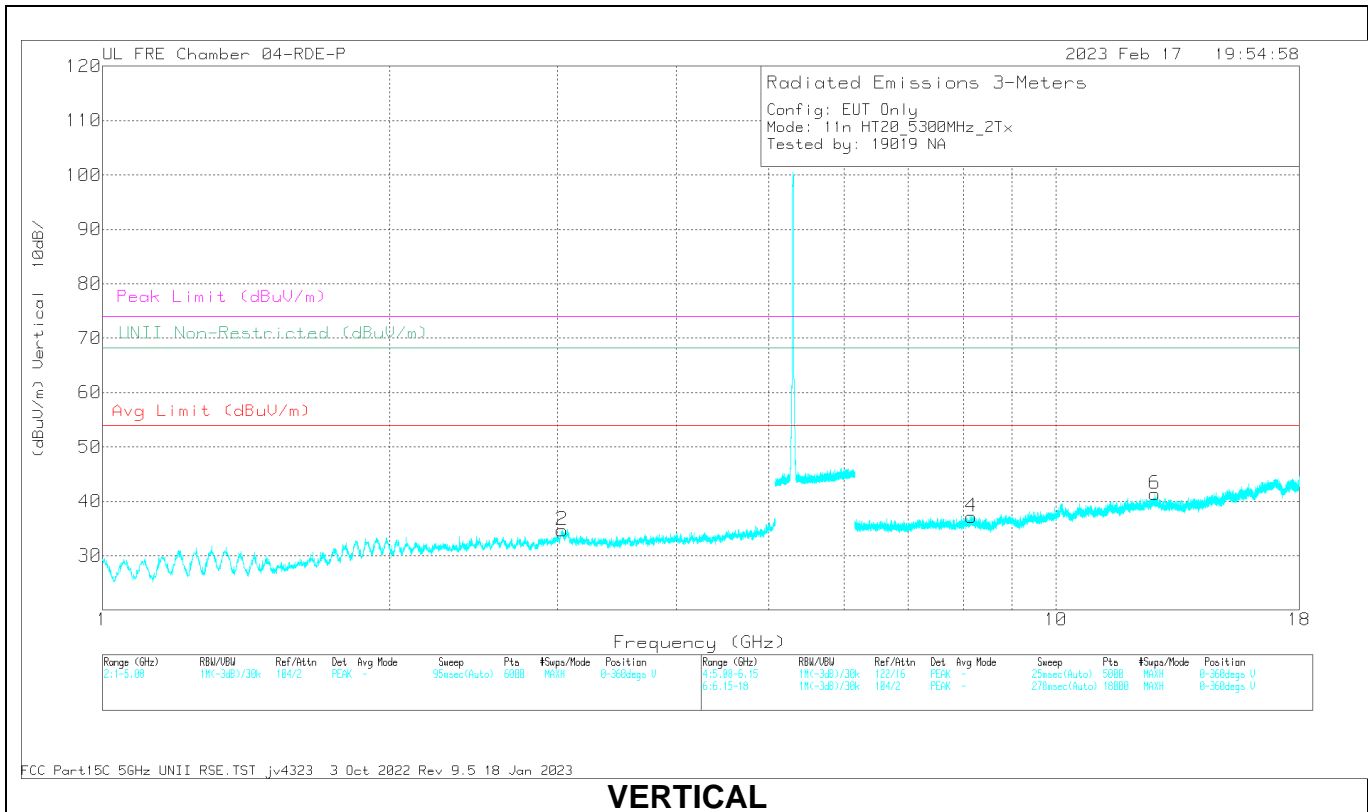
PK-U - U-NII: Maximum Peak

ADR - U-NII AD primary method, RMS average

MID CHANNEL RESULTS



HORIZONTAL



VERTICAL

RADIATED EMISSIONS

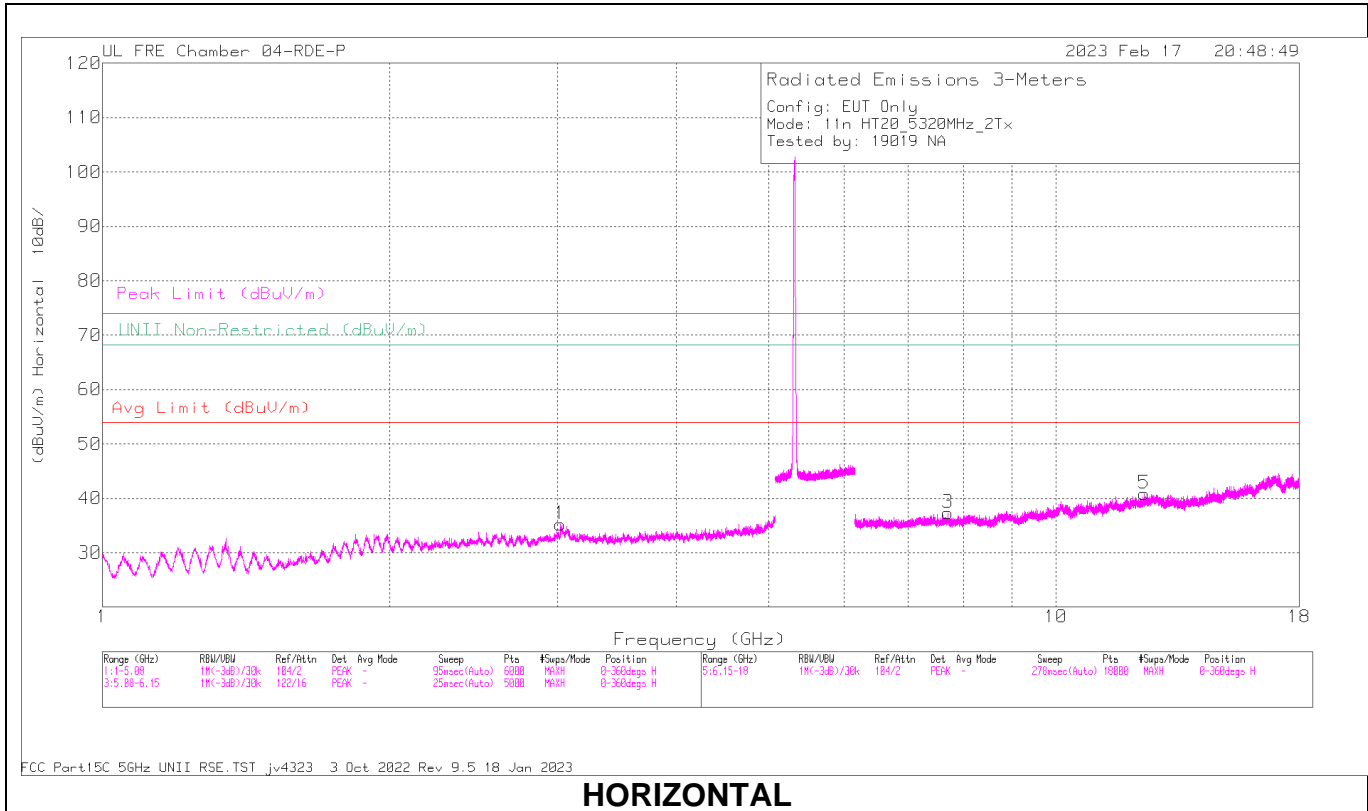
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	222740 ACF(dB) - 3mH	DCCF (dB)	Gain/Loss (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	3.033706	59.36	PK-U	33.4	0	-47.74	45.02	-	-	-	-	68.2	-23.18	186	206	H
2	3.03492	58.7	PK-U	33.4	0	-47.69	44.41	-	-	-	-	68.2	-23.79	264	273	V
4	*8.150324	55.39	PK-U	35.7	0	-44.73	46.36	-	-	74	-27.64	-	-	266	114	V
	*8.152004	44.11	ADR	35.7	.18	-44.74	35.25	54	-18.75	-	-	-	-	266	114	V
3	*8.167889	55.57	PK-U	35.7	0	-44.62	46.65	-	-	74	-27.35	-	-	203	248	H
	*8.170515	43.87	ADR	35.7	.18	-44.67	35.08	54	-18.92	-	-	-	-	203	248	H
6	12.703339	53.93	PK-U	39	0	-43.03	49.9	-	-	-	-	68.2	-18.3	346	168	V
5	12.757275	53.98	PK-U	39	0	-43.08	49.9	-	-	-	-	68.2	-18.3	133	206	H

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

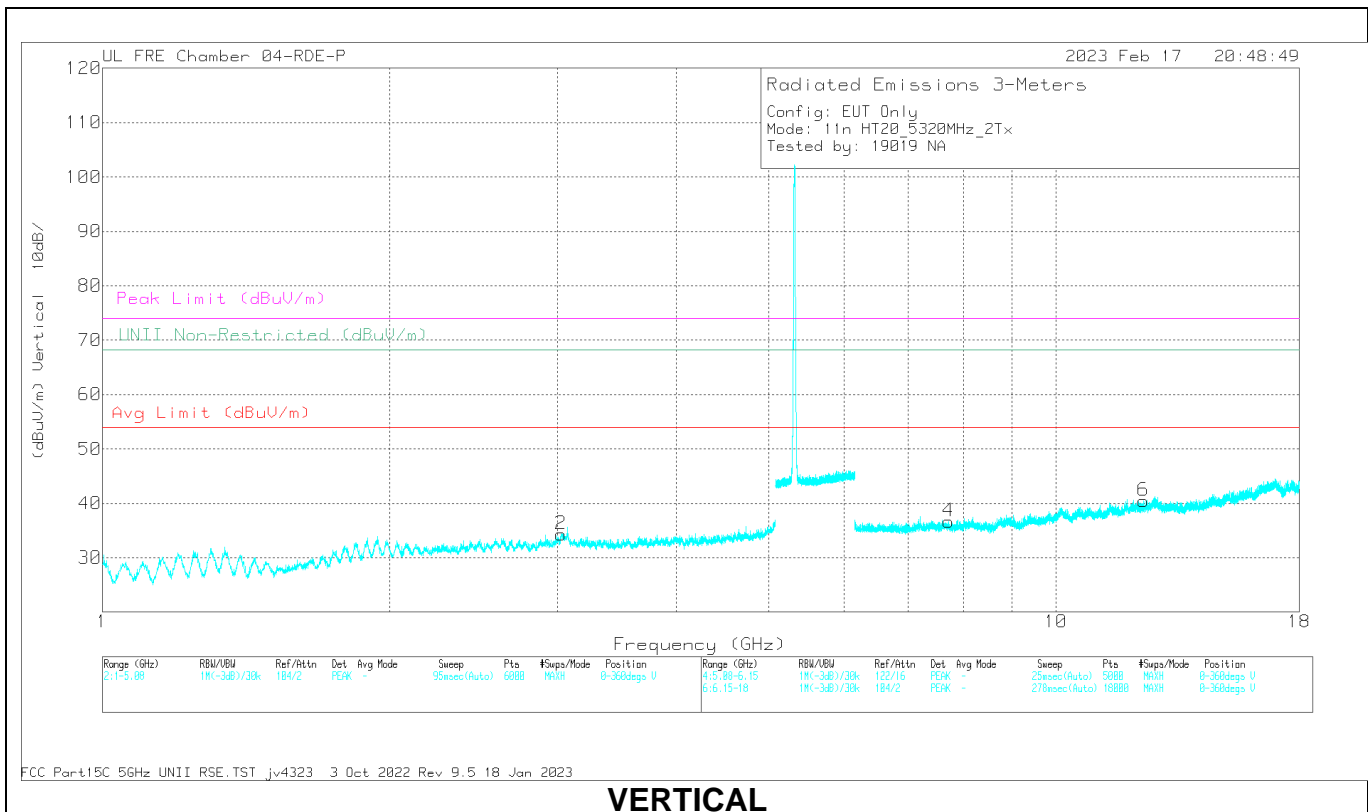
PK-U - U-NII: Maximum Peak

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	DCCF (dB)	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	3.022957	58.9	PK-U	33.3	0	-47.79	44.41	-	-	-	-	68.2	-23.79	267	344	H
2	3.029022	59.58	PK-U	33.4	0	-47.79	45.19	-	-	-	-	68.2	-23.01	184	309	V
3	*7.708413	56.1	PK-U	35.7	0	-45.47	46.33	-	-	74	-27.67	-	-	151	197	H
	*7.709064	44.6	ADR	35.7	.18	-45.42	35.06	54	-18.94	-	-	-	-	151	197	H
4	*7.720285	56.12	PK-U	35.7	0	-45.51	46.31	-	-	74	-27.69	-	-	189	198	V
	*7.721783	44.58	ADR	35.7	.18	-45.59	34.87	54	-19.13	-	-	-	-	189	198	V
6	*12.360679	53.86	PK-U	38.8	0	-43.32	49.34	-	-	74	-24.66	-	-	69	155	V
	*12.36116	42.25	ADR	38.8	.18	-43.33	37.9	54	-16.10	-	-	-	-	69	155	V
5	*12.378004	42.22	ADR	38.8	.18	-43.45	37.75	54	-16.25	-	-	-	-	312	104	H
	*12.378413	53.49	PK-U	38.8	0	-43.43	48.86	-	-	74	-25.14	-	-	312	104	H

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

PK-U - U-NII: Maximum Peak

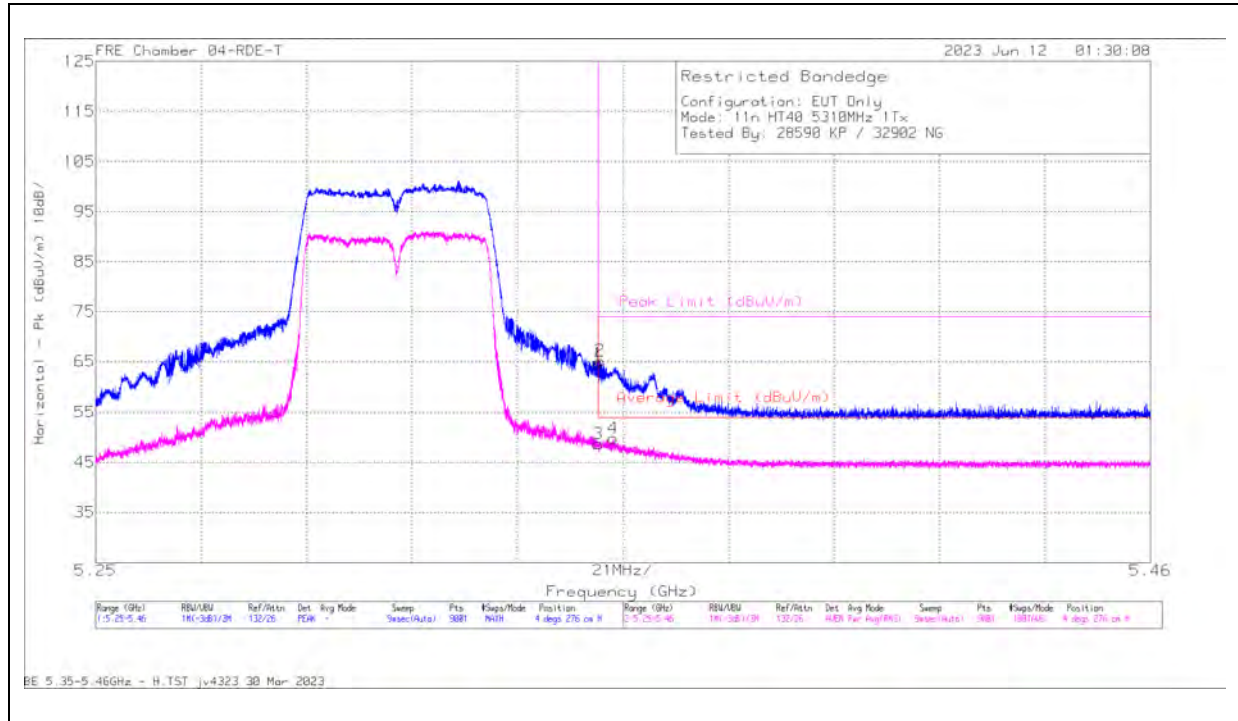
ADR - U-NII AD primary method, RMS average

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

1TX Antenna 6 MODE

BANDEDGE (HIGH CHANNEL)

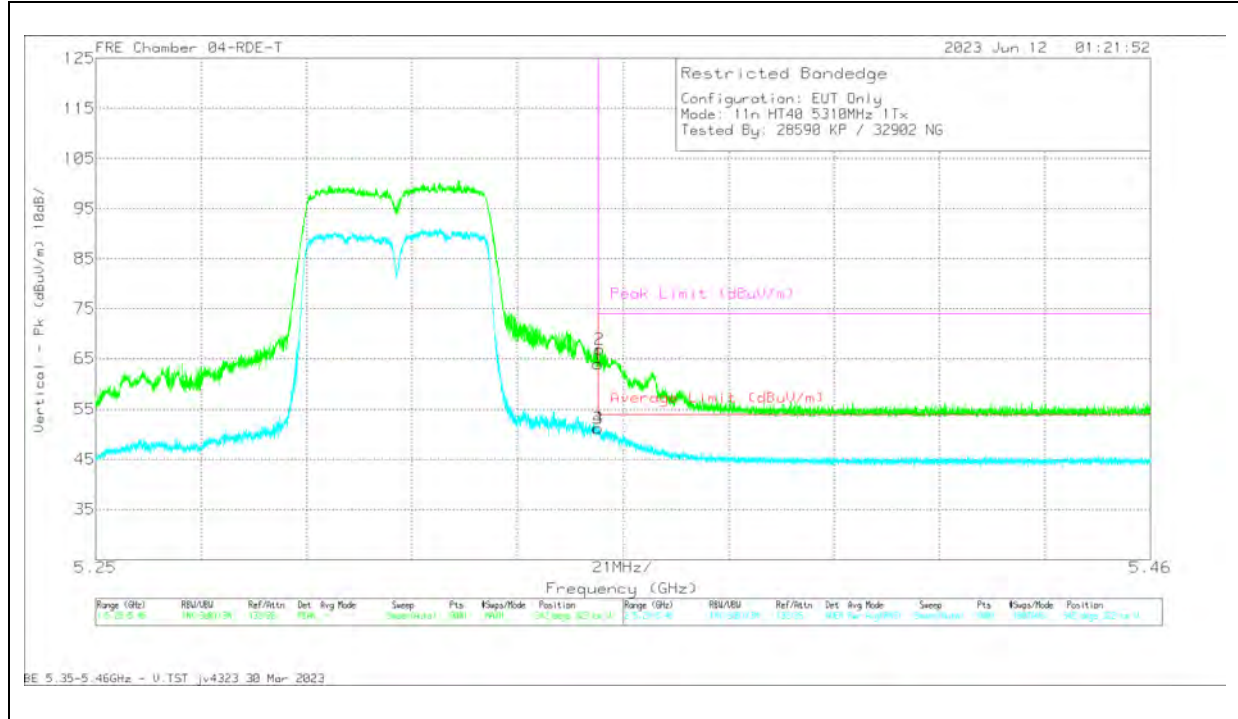
HORIZONTAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	226673 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	65.51	Pk	34.5	0	-35.37	64.64	-	-	74	-9.36	4	276	H
2	*5.350449	66.04	Pk	34.5	0	-35.37	65.17	-	-	74	-8.83	4	276	H
3	* 5.35	48.69	RMS	34.5	.92	-35.37	48.74	54	-5.26	-	-	4	276	H
4	*5.353109	49.74	RMS	34.5	.92	-35.35	49.81	54	-4.19	-	-	4	276	H

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

VERTICAL RESULT



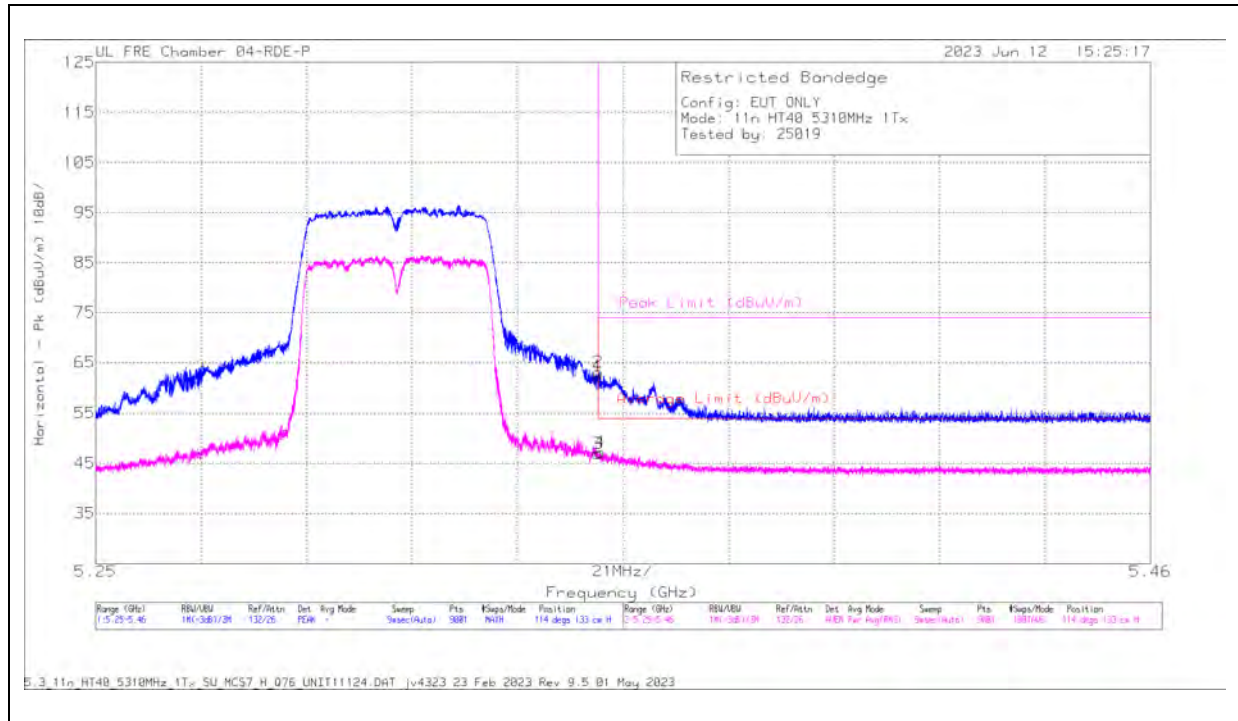
Marker	Frequency (GHz)	Meter Reading (dBUV)	Det	226673 ACF (dB) 3mH	DCCF (dB)	Gain/Loss (dB)	Corrected Reading (dBUV/m)	Average Limit (dBUV/m)	Margin (dB)	Peak Limit (dBUV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 5.35	64.86	Pk	34.5	0	-35.37	63.99	-	-	74	-10.01	342	322	V
2	*5.350355	67.74	Pk	34.5	0	-35.37	66.87	-	-	74	-7.13	342	322	V
3	* 5.35	51.22	RMS	34.5	.92	-35.37	51.27	54	-2.73	-	-	342	322	V
4	*5.350005	51.18	RMS	34.5	.92	-35.37	51.23	54	-2.77	-	-	342	322	V

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

1TX Antenna 5 MODE

BANDEDGE (HIGH CHANNEL)

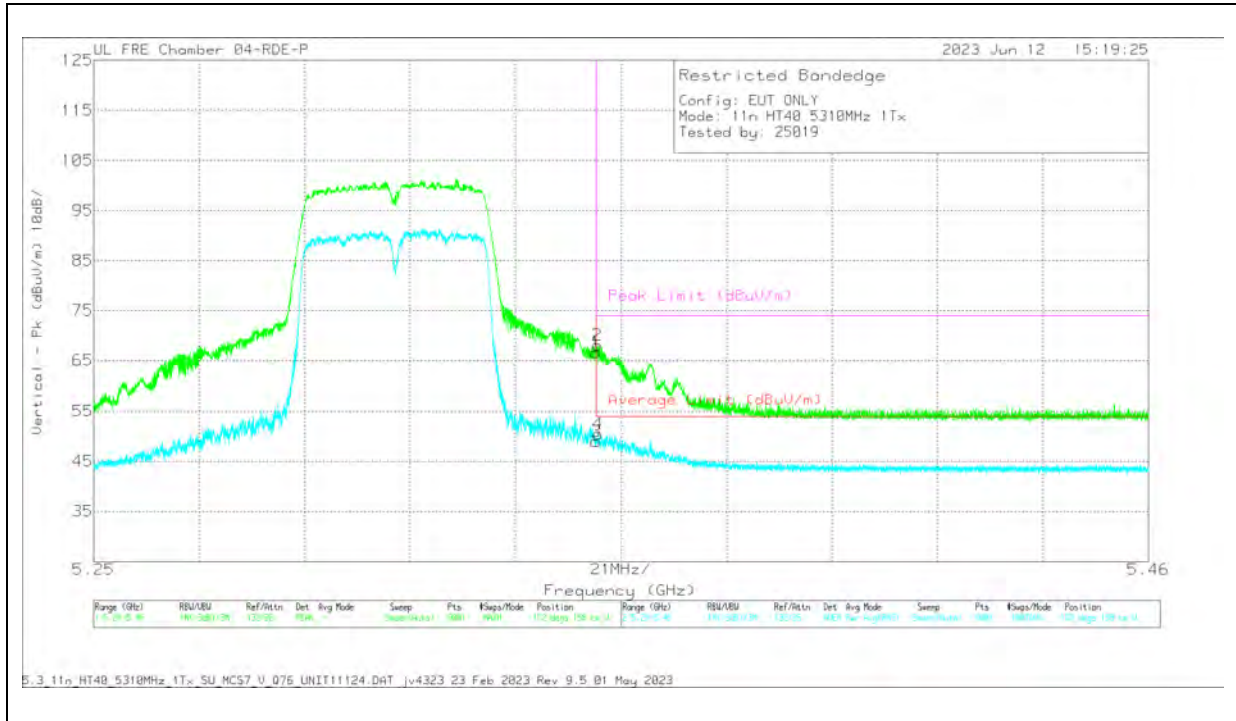
HORIZONTAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	222740 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	66.05	Pk	34.4	0	-38.18	62.27	-	-	74	-11.73	114	133	H
3	5.35	50.03	RMS	34.4	.92	-38.18	47.17	54	-6.83	-	-	114	133	H
2	5.350052	66.88	Pk	34.4	0	-38.18	63.1	-	-	74	-10.9	114	133	H
4	5.350449	50.31	RMS	34.4	.92	-38.22	47.41	54	-6.59	-	-	114	133	H

Pk - Peak detector
 RMS - RMS detection

VERTICAL RESULT



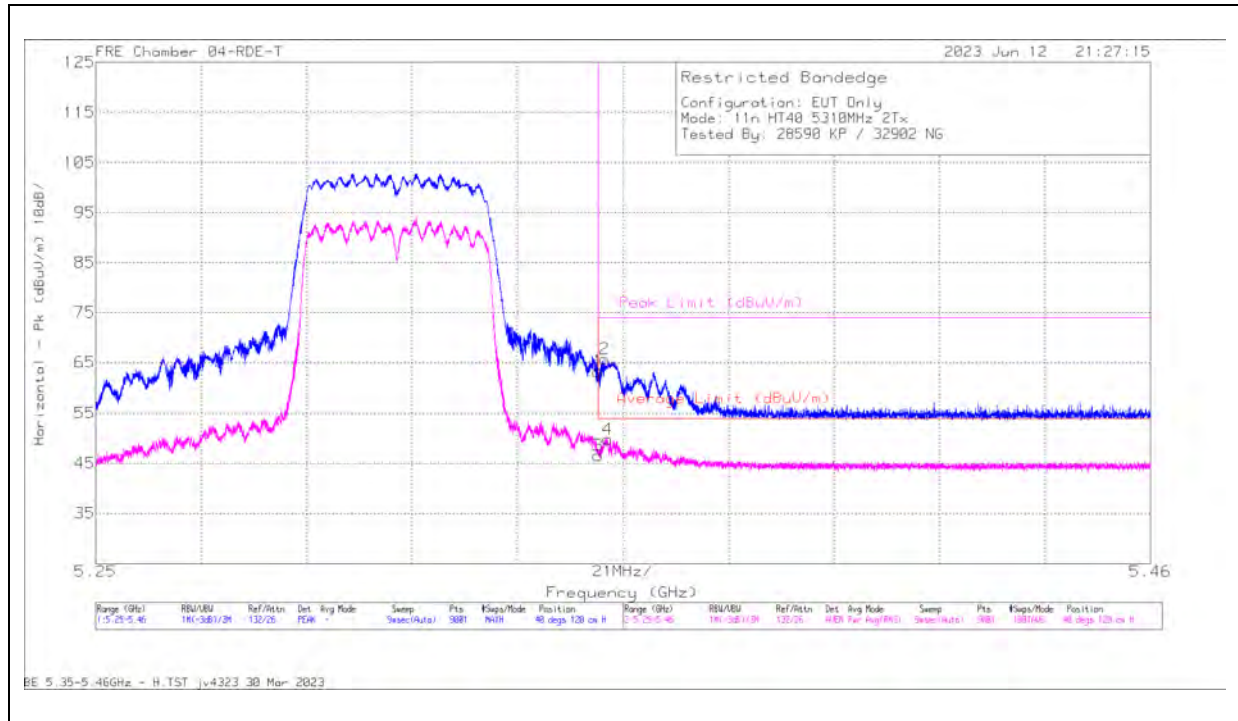
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	222740 ACF(dB) - 3mH	DCCF (dB)	Gain/Loss (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.35	70.44	Pk	34.4	0	-38.18	66.66	-	-	74	-7.34	152	158	V
3	5.35	52.05	RMS	34.4	.92	-38.18	49.19	54	-4.81	-	-	152	158	V
2	5.350309	71.9	Pk	34.4	0	-38.2	68.1	-	-	74	-5.9	152	158	V
4	5.350402	53.61	RMS	34.4	.92	-38.21	50.72	54	-3.28	-	-	152	158	V

Pk - Peak detector
 RMS - RMS detection

2TX Antenna 6 + Antenna 5 CDD MODE

BANDEDGE (HIGH CHANNEL)

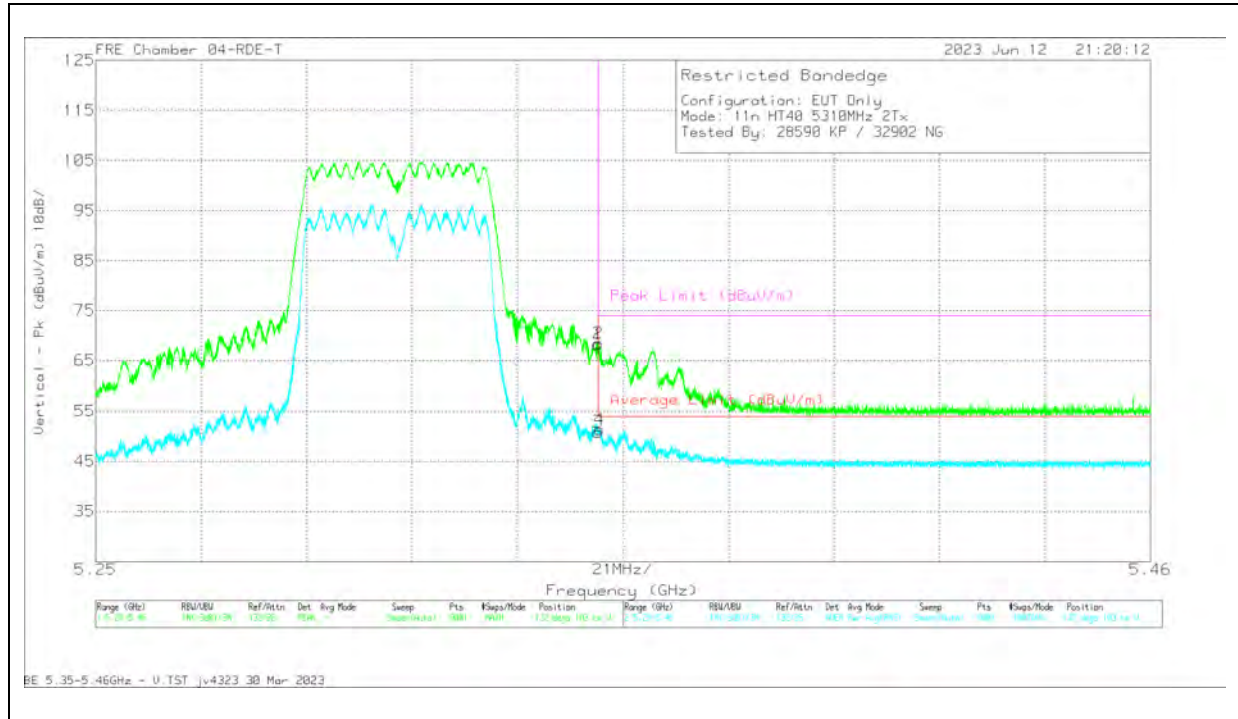
HORIZONTAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	226673 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	64.22	Pk	34.5	0	-35.37	63.35	-	-	74	-10.65	40	120	H
2	*5.351265	66.62	Pk	34.5	0	-35.37	65.75	-	-	74	-8.25	40	120	H
3	* 5.35	46.84	RMS	34.5	.92	-35.37	46.89	54	-7.11	-	-	40	120	H
4	*5.351989	50.07	RMS	34.5	.92	-35.36	50.13	54	-3.87	-	-	40	120	H

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

VERTICAL RESULT

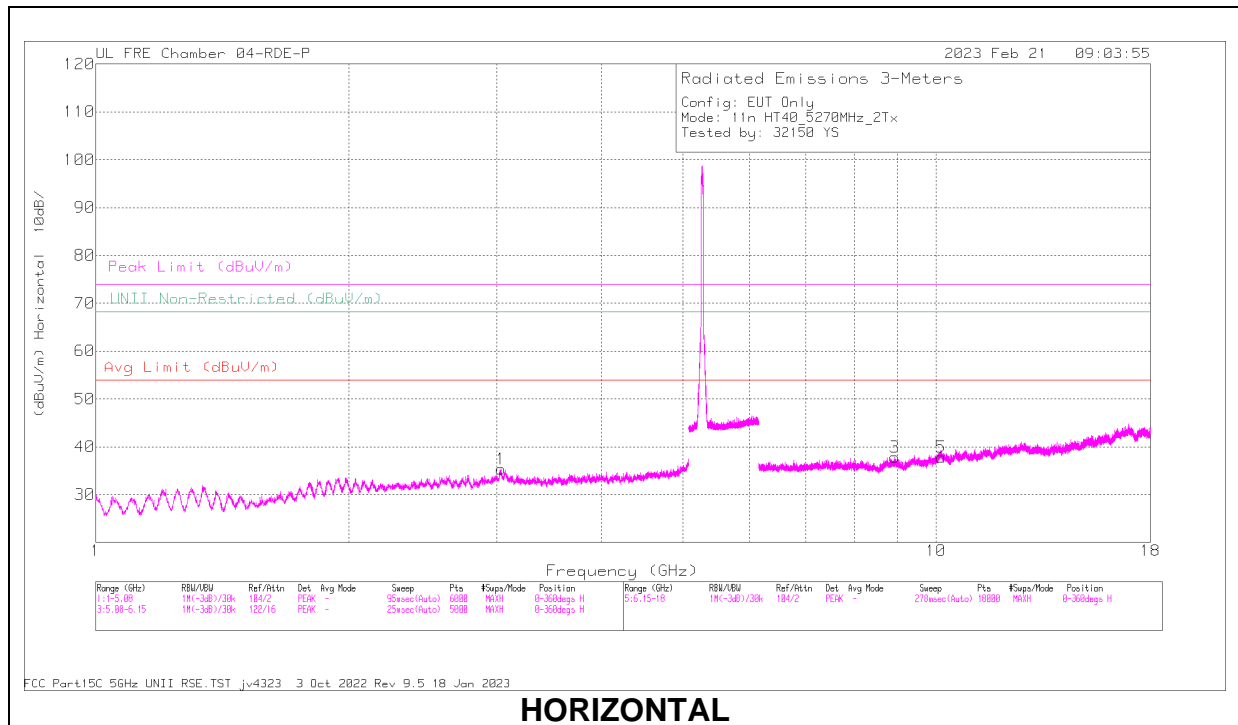


Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	226673 ACF (dB) 3mH	DCCF (dB)	Gain/Loss (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 5.35	69.05	Pk	34.5	0	-35.37	68.18	-	-	74	-5.82	132	103	V
2	*5.350099	69.41	Pk	34.5	0	-35.37	68.54	-	-	74	-5.46	132	103	V
3	* 5.35	51.1	RMS	34.5	.92	-35.37	51.15	54	-2.85	-	-	132	103	V
4	*5.350332	51.53	RMS	34.5	.92	-35.37	51.58	54	-2.42	-	-	132	103	V

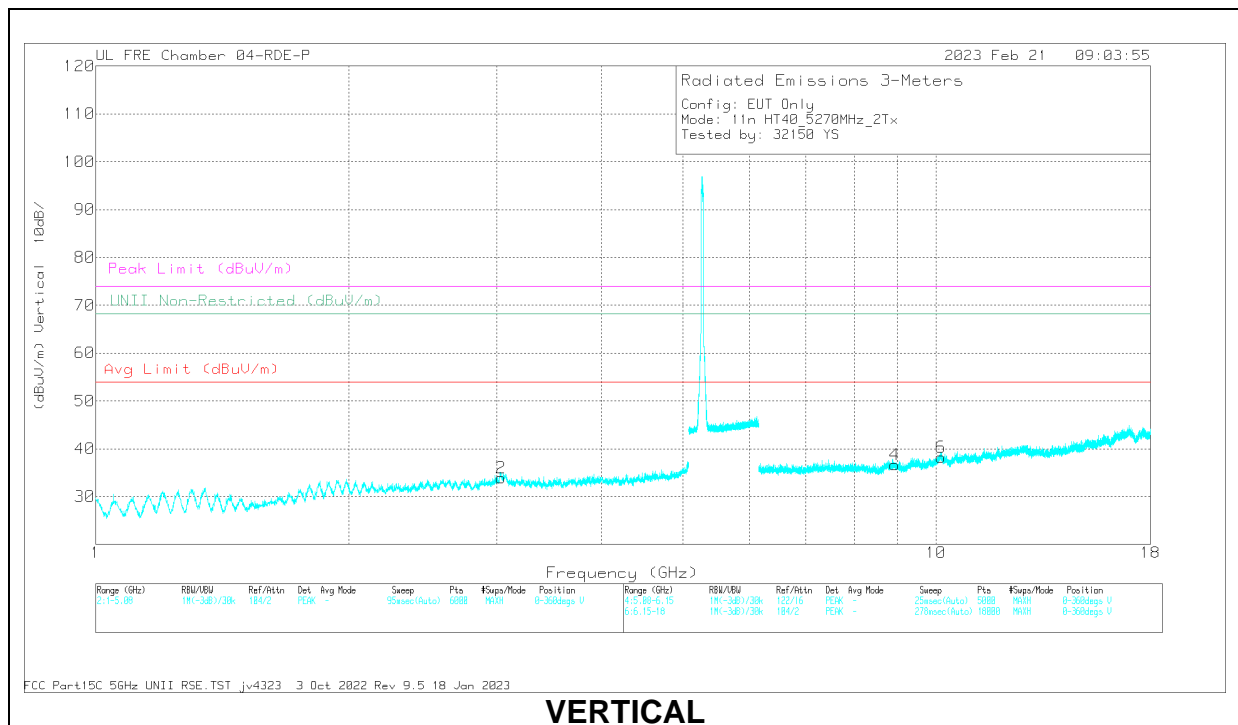
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band
 Pk - Peak detector
 RMS - RMS detection

HARMONICS AND SPURIOUS EMISSIONS

LOW CHANNEL RESULTS



HORIZONTAL



VERTICAL

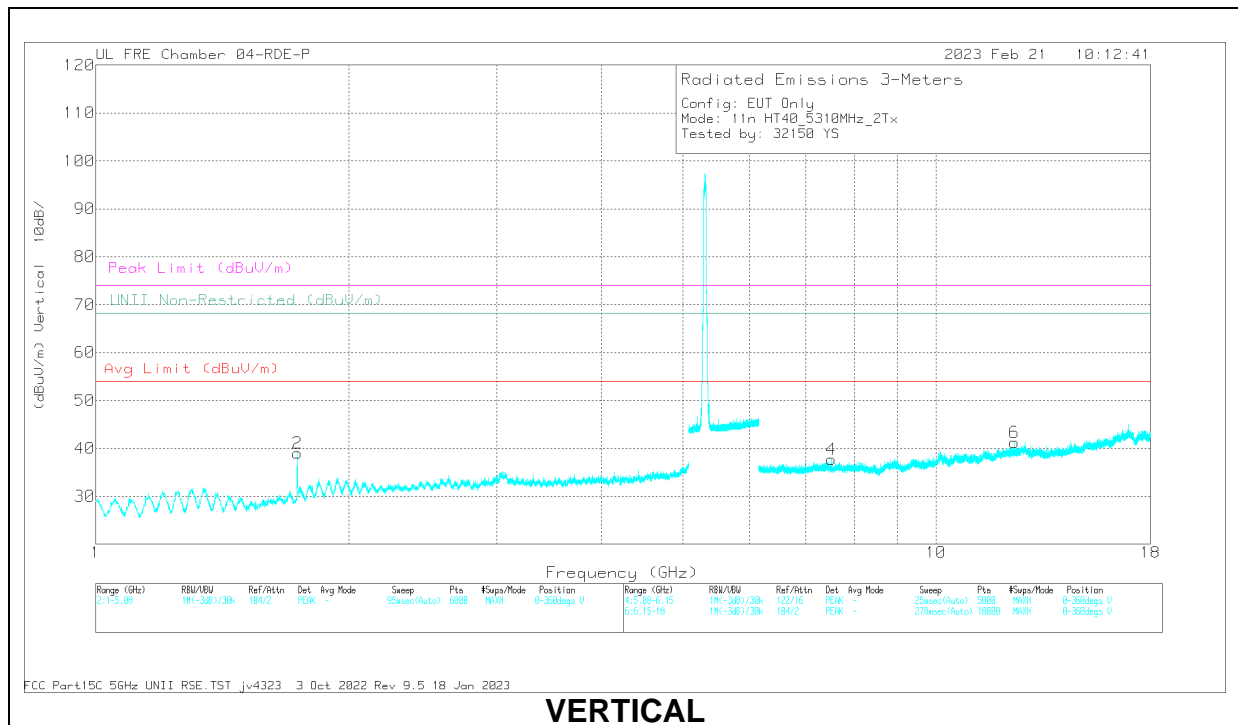
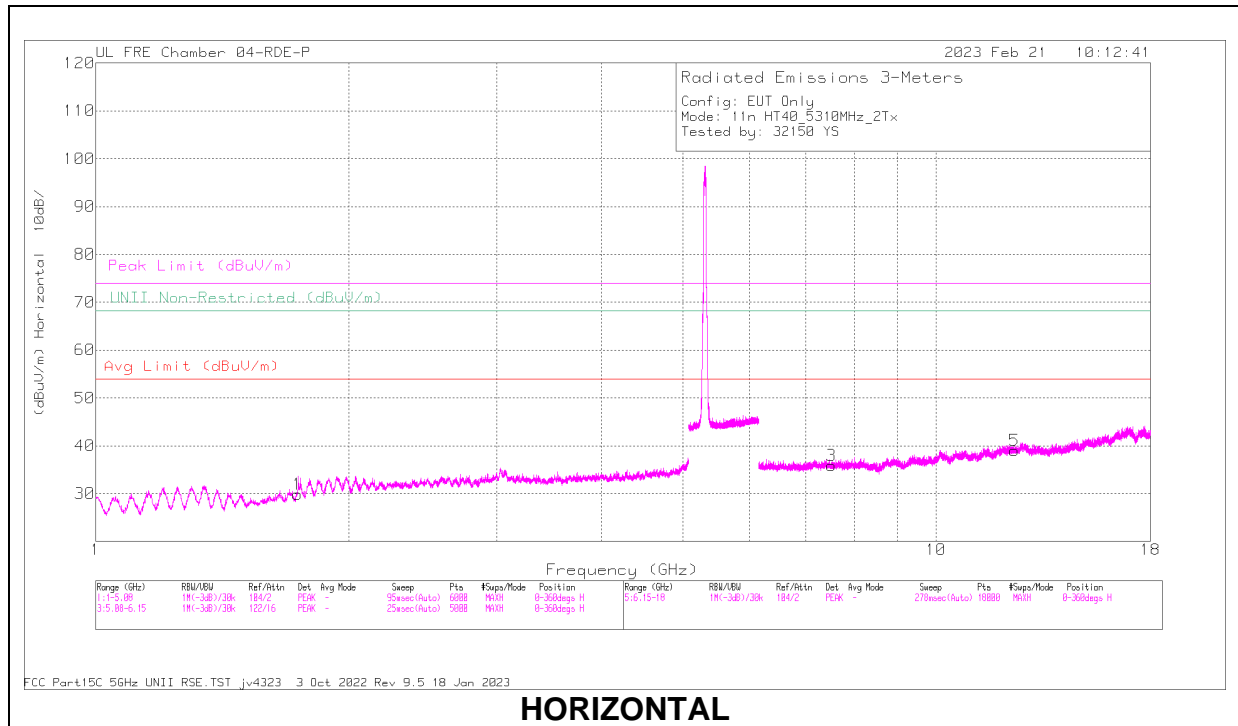
RADIATED EMISSIONS

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	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	3.033427	59.69	PK-U	33.4	-47.74	45.35	68.2	-22.85	190	271	V
1	3.034021	59.77	PK-U	33.4	-47.74	45.43	68.2	-22.77	21	227	H
4	8.925083	54.28	PK-U	36	-42.85	47.43	68.2	-20.77	78	372	V
3	8.928064	54.1	PK-U	36	-42.79	47.31	68.2	-20.89	44	394	H
5	10.132516	58.07	PK-U	37.2	-46.19	49.08	68.2	-19.12	302	110	H
6	10.135254	58.16	PK-U	37.2	-46.2	49.16	68.2	-19.04	3	138	V

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	DCCF (dB)	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	1.737902	67.42	PK-U	29.8	0	-49.24	47.98	-	-	-	-	68.2	-20.22	347	355	H
2	1.739975	59.99	PK-U	29.8	0	-49.27	40.52	-	-	-	-	68.2	-27.68	328	188	V
	7.501561	44.98	ADR	35.6	.19	-45.82	34.95	54	-19.05	-	-	-	-	19	215	H
4	7.503123	56.83	PK-U	35.6	0	-45.79	46.64	-	-	74	-27.36	-	-	106	332	V
3	7.503301	56.7	PK-U	35.6	0	-45.79	46.51	-	-	74	-27.49	-	-	19	215	H
	7.503918	45.05	ADR	35.6	.19	-45.79	35.05	54	-18.95	-	-	-	-	106	332	V
5	12.403963	53.89	PK-U	38.8	0	-43.1	49.59	-	-	74	-24.41	-	-	38	119	H
	12.405781	42.3	ADR	38.8	.19	-43.07	38.22	54	-15.78	-	-	-	-	38	119	H
6	12.407235	54.14	PK-U	38.8	0	-43.08	49.86	-	-	74	-24.14	-	-	80	277	V
	12.409829	42.5	ADR	38.8	.19	-43.06	38.43	54	-15.57	-	-	-	-	80	277	V

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

PK-U - U-NII: Maximum Peak

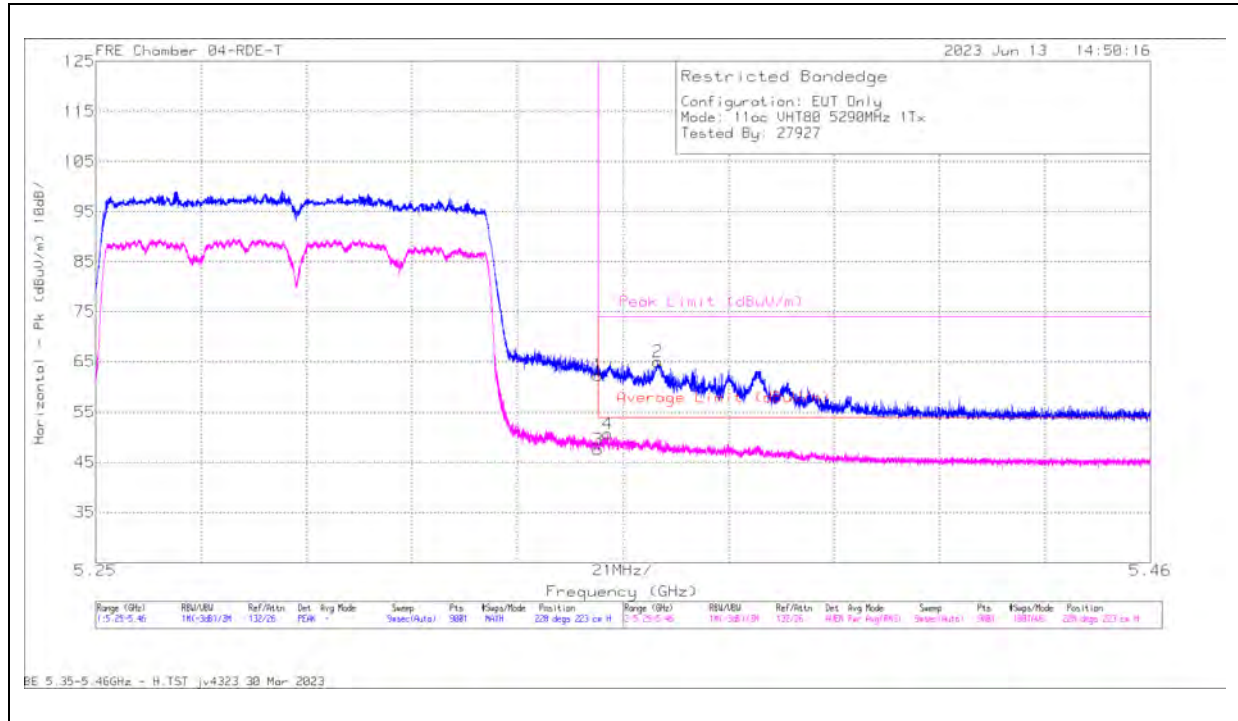
ADR - U-NII AD primary method, RMS average

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

1TX Antenna 6 MODE

BANDEDGE (MID CHANNEL)

HORIZONTAL RESULT

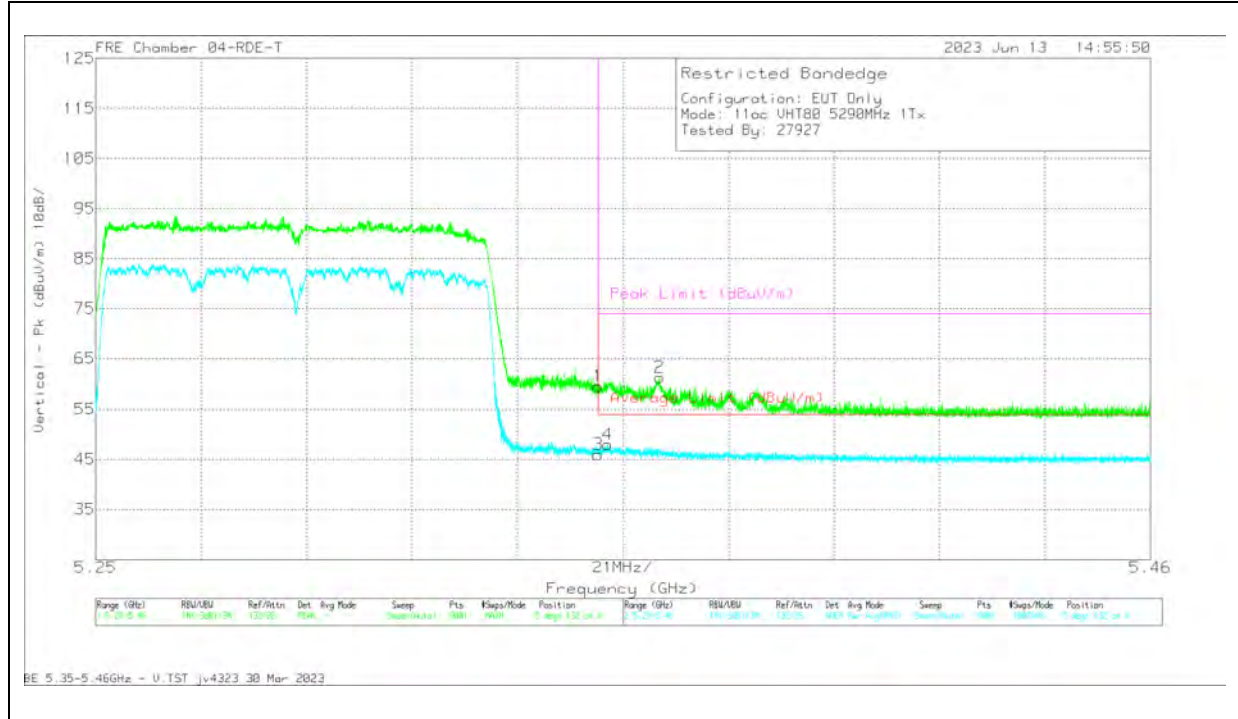


Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	226673 ACF (dB) 3mH	DCCF (dB)	Gain/Loss (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	*5.35	63.22	Pk	34.5	0	-35.37	62.35	-	-	74	-11.65	228	223	H
2	*5.361905	65.87	Pk	34.5	0	-35.33	65.04	-	-	74	-8.96	228	223	H
3	*5.35	47.05	RMS	34.5	1.43	-35.37	47.61	54	-6.39	-	-	228	223	H
4	*5.351942	50.1	RMS	34.5	1.43	-35.36	50.67	54	-3.33	-	-	228	223	H

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

Pk - Peak detector

VERTICAL RESULT



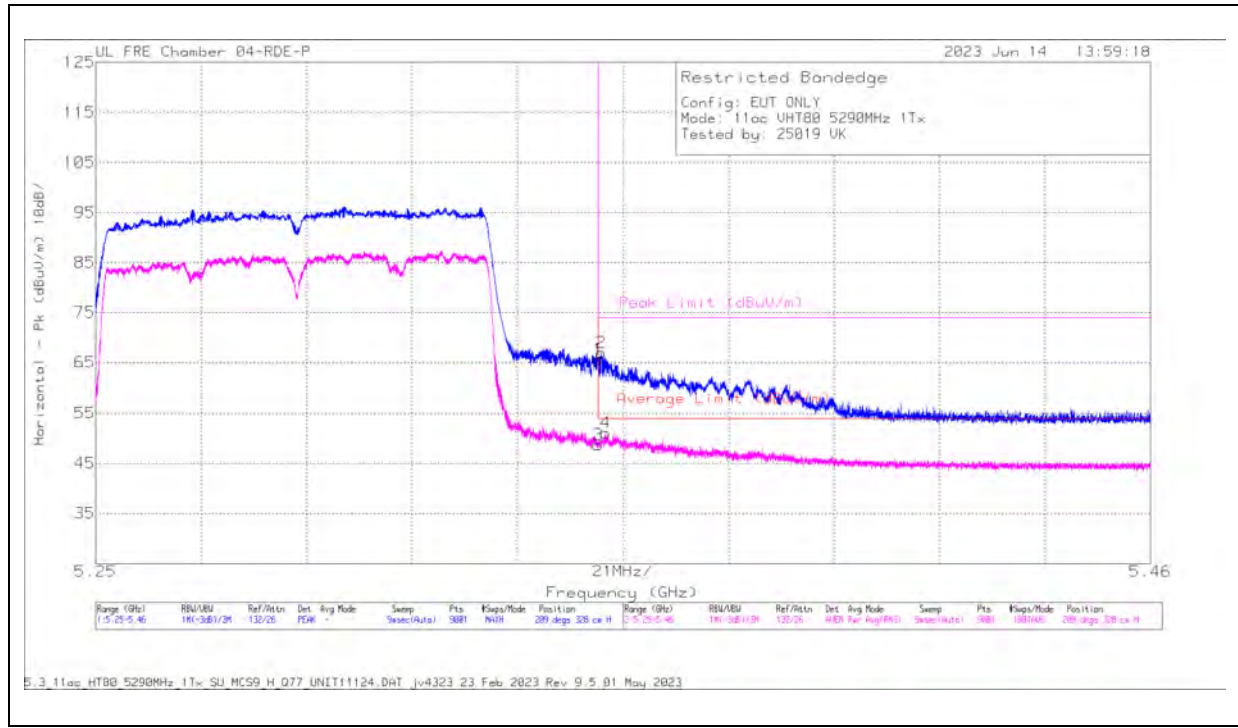
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	226673 ACF (dB) 3mH	DCCF (dB)	Gain/Loss (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 5.35	60.46	Pk	34.5	0	-35.37	59.59	-	-	74	-14.41	5	132	V
2	*5.362278	62.22	Pk	34.5	0	-35.33	61.39	-	-	74	-12.61	5	132	V
3	* 5.35	45.46	RMS	34.5	1.43	-35.37	46.02	54	-7.98	-	-	5	132	V
4	*5.351942	47.4	RMS	34.5	1.43	-35.36	47.97	54	-6.03	-	-	5	132	V

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

1TX Antenna 5 MODE

BANDEDGE (MID CHANNEL)

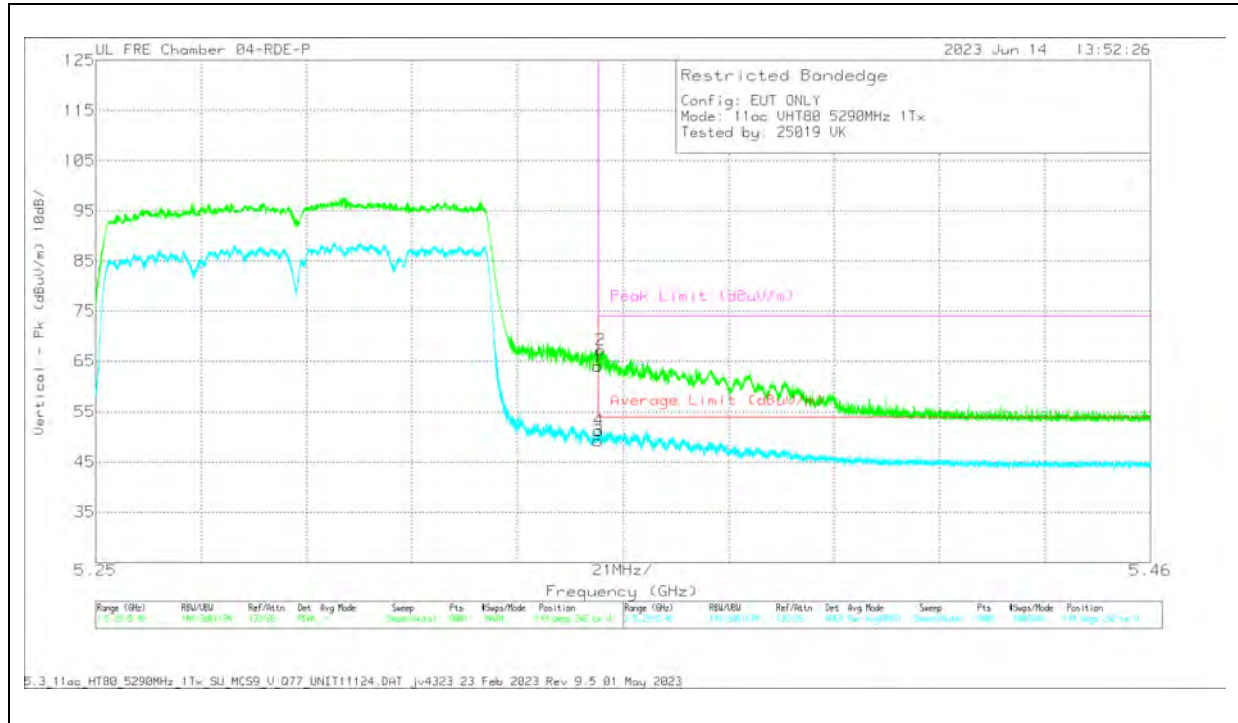
HORIZONTAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	222740 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	69.4	Pk	34.4	0	-38.18	65.62	-	-	74	-8.38	209	328	H
3	5.35	51.1	RMS	34.4	1.43	-38.18	48.75	54	-5.25	-	-	209	328	H
2	5.350659	70.85	Pk	34.4	0	-38.23	67.02	-	-	74	-6.98	209	328	H
4	5.351569	53.53	RMS	34.4	1.43	-38.25	51.11	54	-2.89	-	-	209	328	H

Pk - Peak detector
 RMS - RMS detection

VERTICAL RESULT



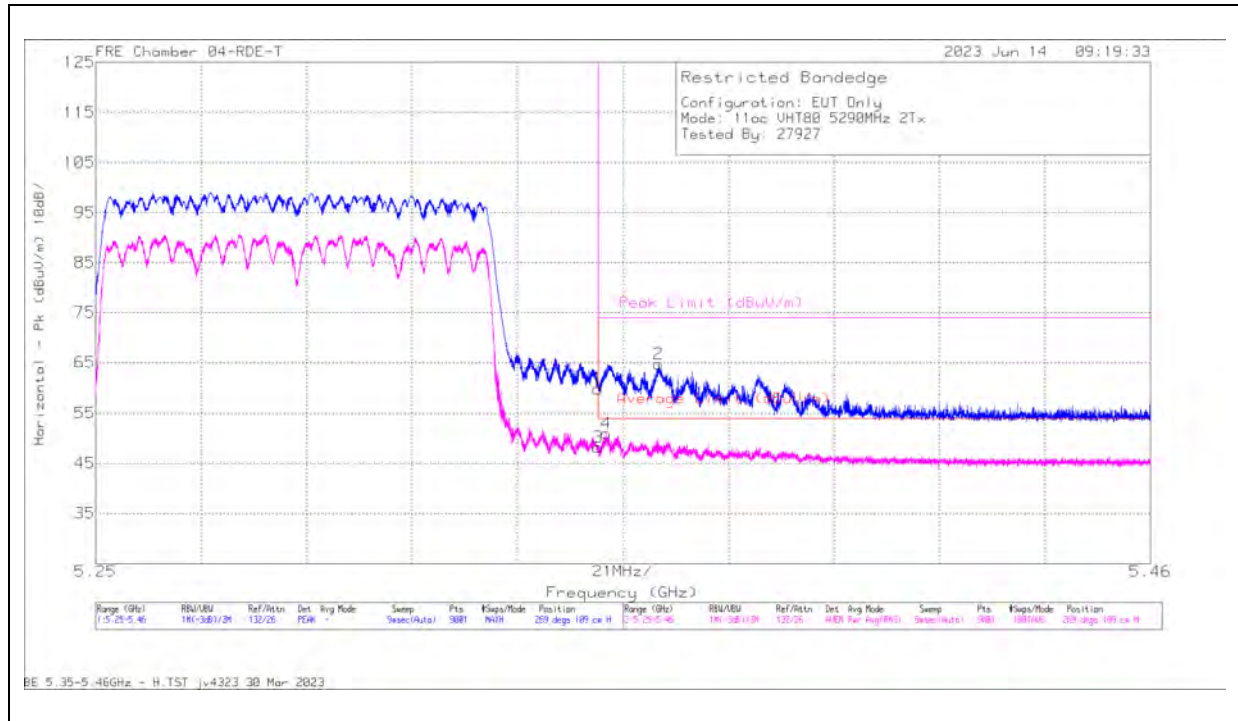
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	222740 ACF(dB) - 3mH	DCCF (dB)	Gain/Loss (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.35	67.71	Pk	34.4	0	-38.18	63.93	-	-	74	-10.07	149	242	V
3	5.35	51.62	RMS	34.4	1.43	-38.18	49.27	54	-4.73	-	-	149	242	V
4	5.350169	53.69	RMS	34.4	1.43	-38.19	51.33	54	-2.67	-	-	149	242	V
2	5.350565	71.11	Pk	34.4	0	-38.23	67.28	-	-	74	-6.72	149	242	V

Pk - Peak detector
 RMS - RMS detection

2TX Antenna 6 + Antenna 5 CDD MODE

BANDEDGE (MID CHANNEL)

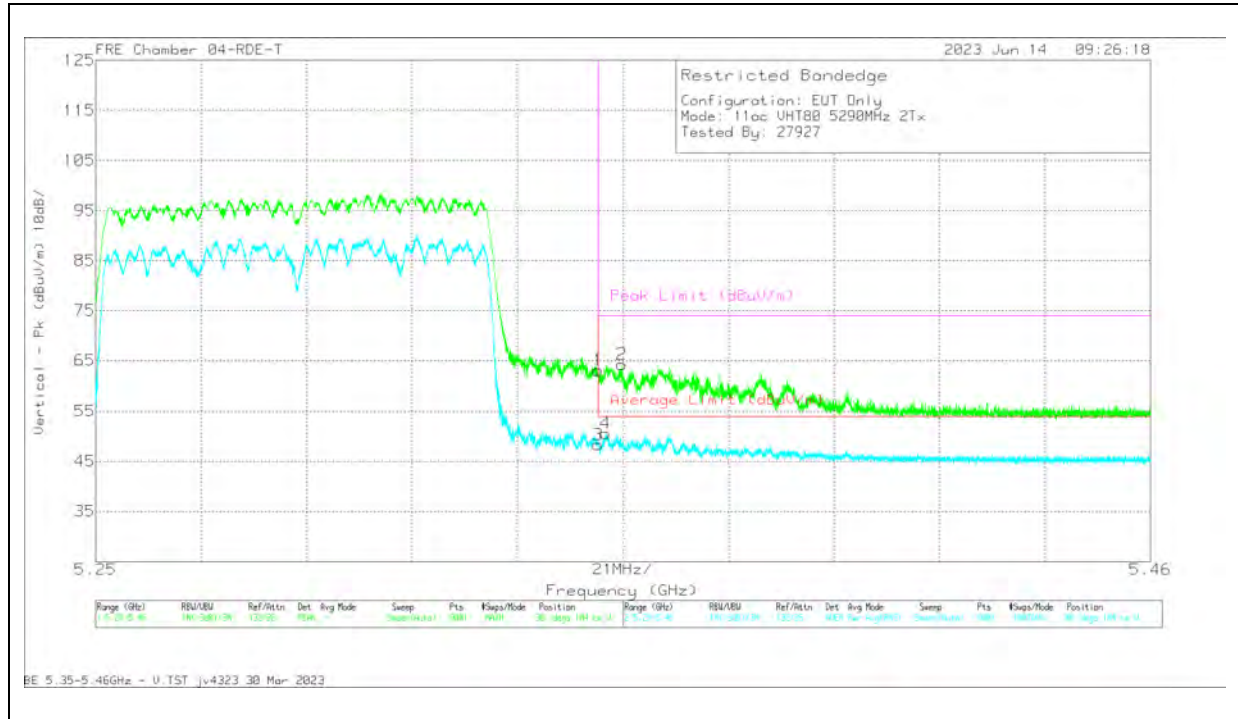
HORIZONTAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	226673 ACF (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	* 5.35	60.71	Pk	34.5	0	-35.37	59.84	-	-	74	-14.16	269	109	H
2	*5.362092	65.54	Pk	34.5	0	-35.33	64.71	-	-	74	-9.29	269	109	H
3	* 5.35	47.69	RMS	34.5	1.43	-35.37	48.25	54	-5.75	-	-	269	109	H
4	*5.351732	50.43	RMS	34.5	1.43	-35.36	51	54	-3	-	-	269	109	H

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

VERTICAL RESULT

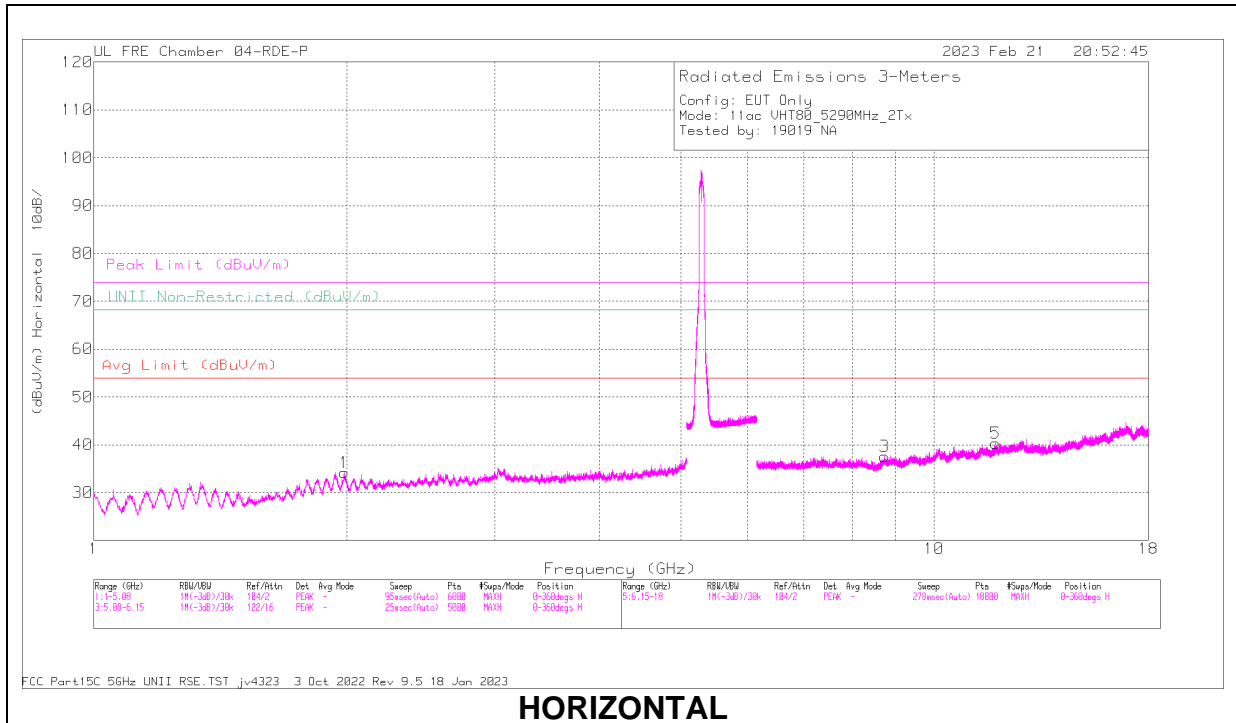


Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	226673 ACF (dB) 3mH	DCCF (dB)	Gain/Loss (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 5.35	63.95	Pk	34.5	0	-35.37	63.08	-	-	74	-10.92	301	184	V
2	*5.354742	65.11	Pk	34.5	0	-35.32	64.29	-	-	74	-9.71	301	184	V
3	* 5.35	47.75	RMS	34.5	1.43	-35.37	48.31	54	-5.69	-	-	301	184	V
4	*5.351499	50.06	RMS	34.5	1.43	-35.37	50.62	54	-3.38	-	-	301	184	V

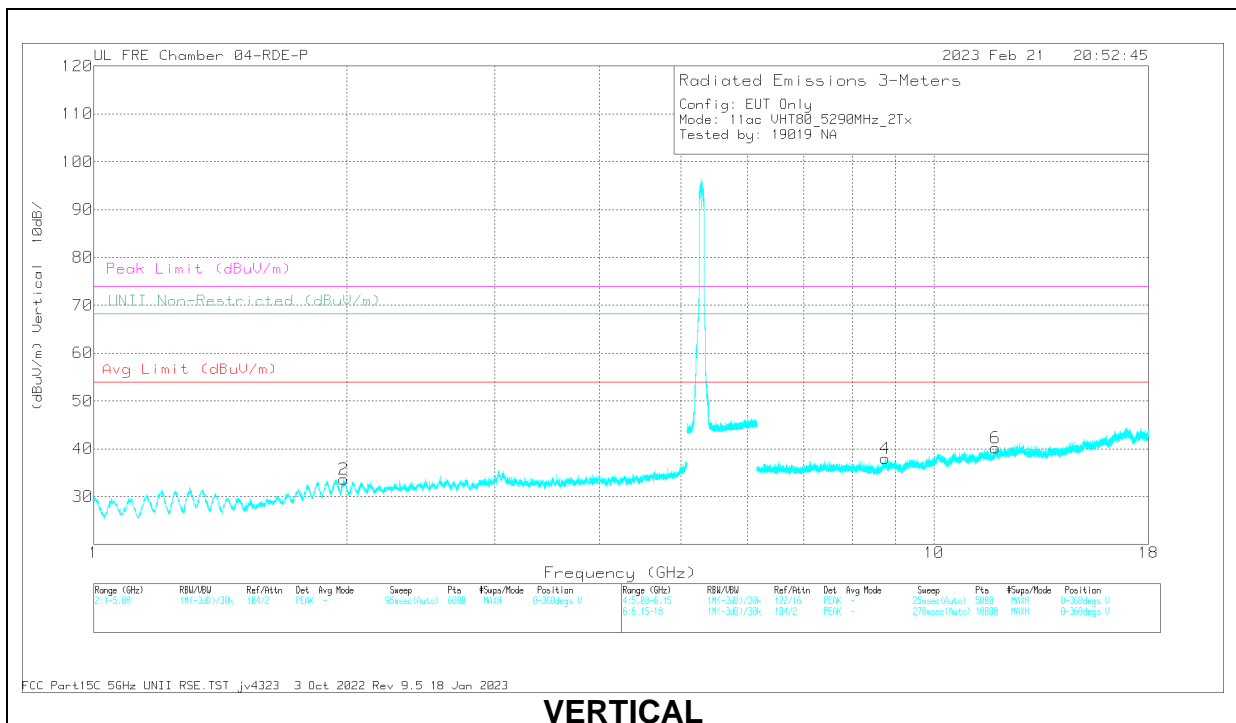
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band
 Pk - Peak detector
 RMS - RMS detection

HARMONICS AND SPURIOUS EMISSIONS

MID CHANNEL RESULTS



HORIZONTAL



VERTICAL

RADIATED EMISSIONS

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	222740 ACF(dB) - 3mH	DCCF (dB)	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	1.988836	61.06	PK-U	31.5	0	-49	43.56	-	-	-	-	68.2	-24.64	155	240	H
2	1.985484	60.85	PK-U	31.5	0	-48.93	43.42	-	-	-	-	68.2	-24.78	230	200	V
3	8.740358	54.65	PK-U	36	0	-42.77	47.88	-	-	-	-	68.2	-20.32	166	306	H
4	8.746734	53.42	PK-U	36	0	-42.59	46.83	-	-	-	-	68.2	-21.37	353	161	V
5	*11.832233	54.06	PK-U	38.4	0	-43.2	49.26	-	-	74	-24.74	-	-	298	332	H
	*11.833893	42.63	ADR	38.4	.37	-43.15	38.25	54	-15.75	-	-	-	-	298	332	H
6	*11.841876	53.96	PK-U	38.5	0	-43.26	49.2	-	-	74	-24.8	-	-	237	254	V
	*11.844747	42.8	ADR	38.5	.37	-43.29	38.38	54	-15.62	-	-	-	-	237	254	V

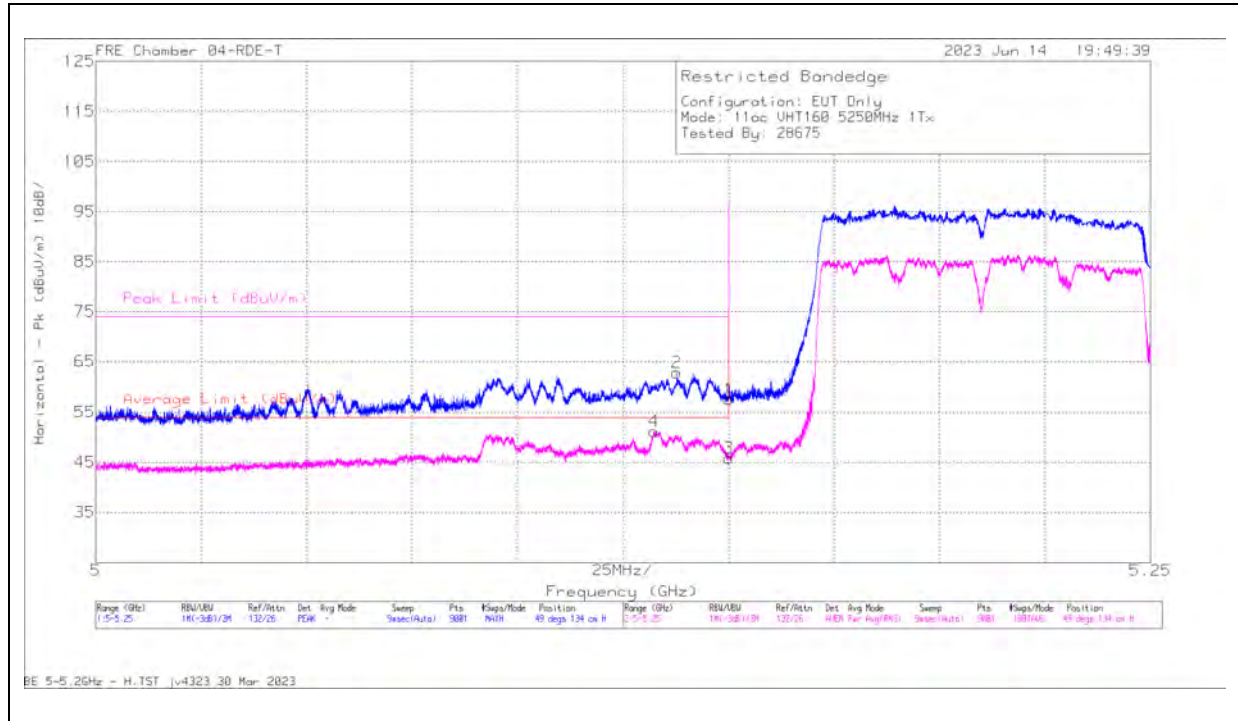
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band
 PK-U - U-NII: Maximum Peak
 ADR - U-NII AD primary method, RMS average

1.1.1. TX ABOVE 1 GHz 802.11ac VHT160 MODE IN THE 5.3 GHz BAND

1TX Antenna 6 MODE

BANDEDGE (MID CHANNEL LOW EDGE)

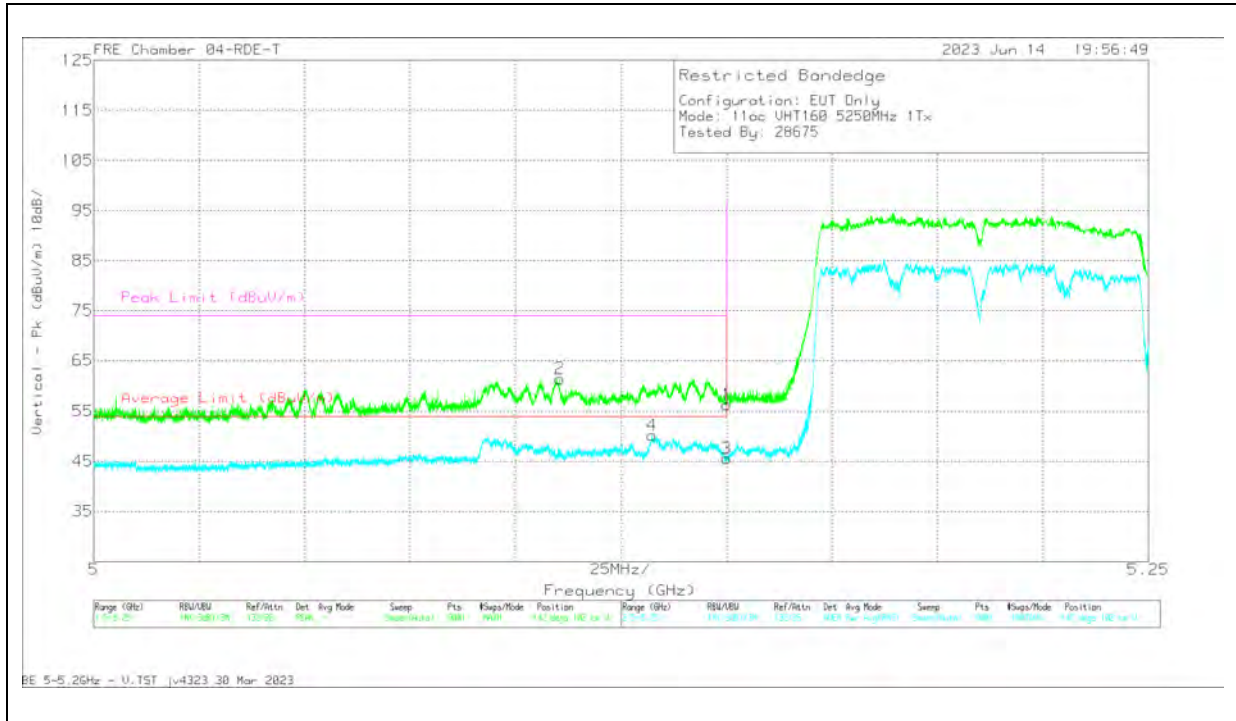
HORIZONTAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	226673 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	59.27	Pk	34.2	0	-35.9	57.57	-	-	74	-16.43	49	134	H
2	*5.137751	64.57	Pk	34.2	0	-35.97	62.8	-	-	74	-11.2	49	134	H
3	*5.15	46.65	RMS	34.2	.89	-35.9	45.84	54	-8.16	-	-	49	134	H
4	*5.132362	52.13	RMS	34.2	.89	-35.97	51.25	54	-2.75	-	-	49	134	H

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

VERTICAL RESULT

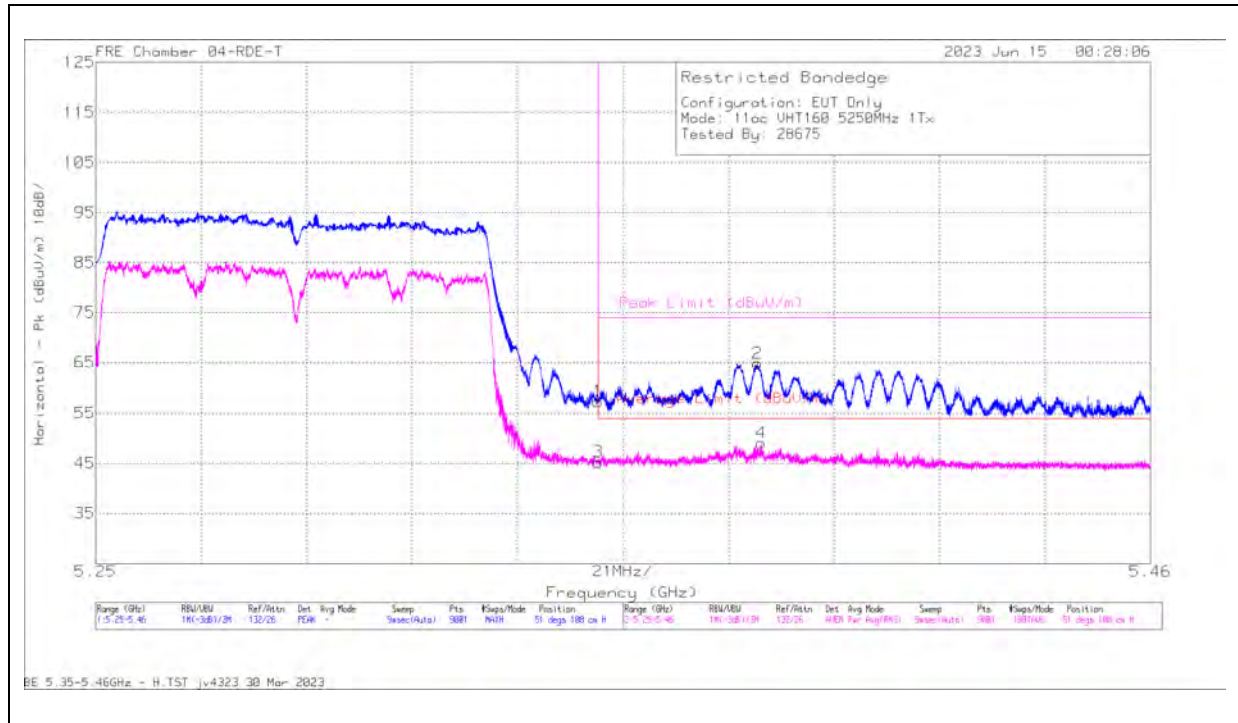


Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	226673 ACF (dB) 3mH	DCCF (dB)	Gain/Loss (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	*5.15	58.1	Pk	34.2	0	-35.9	56.4	-	-	74	-17.6	142	102	V
2	*5.110473	63.45	Pk	34.1	0	-36.07	61.48	-	-	74	-12.52	142	102	V
3	*5.15	46.38	RMS	34.2	.89	-35.9	45.57	54	-8.43	-	-	142	102	V
4	*5.132307	51.07	RMS	34.2	.89	-35.97	50.19	54	-3.81	-	-	142	102	V

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

BANDEDGE (MID CHANNEL HIGH EDGE)

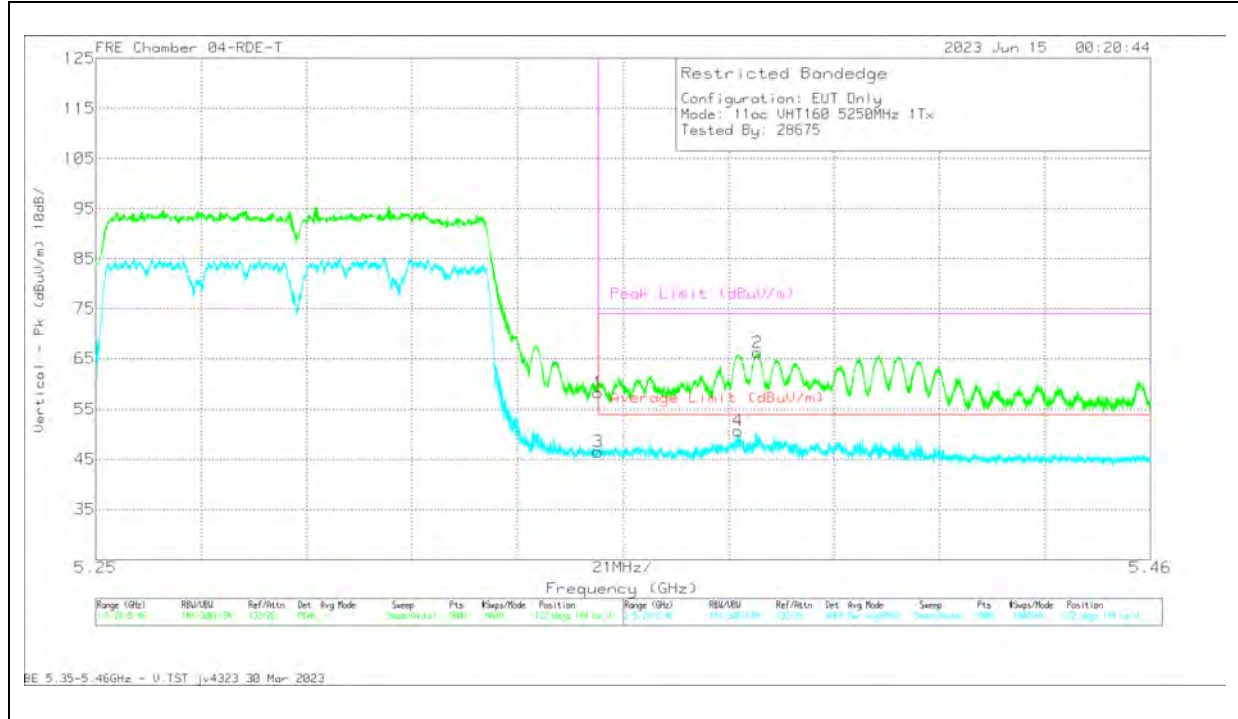
HORIZONTAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	226673 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	58.28	Pk	34.5	0	-35.37	57.41	-	-	74	-16.59	51	108	H
2	*5.381738	65.63	Pk	34.5	0	-35.27	64.86	-	-	74	-9.14	51	108	H
3	* 5.35	45.76	RMS	34.5	.89	-35.37	46.28	54	-7.72	-	-	51	108	H
4	*5.382461	49.46	RMS	34.5	.89	-35.27	50.08	54	-3.92	-	-	51	108	H

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

VERTICAL RESULT



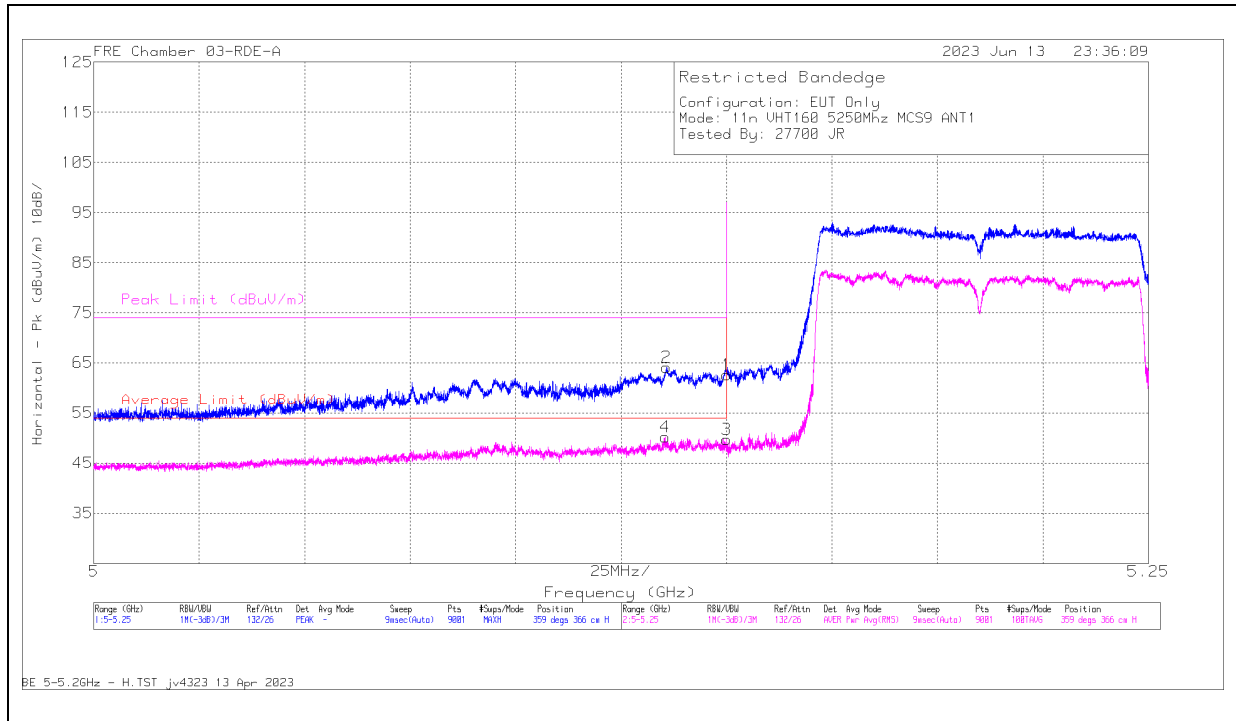
Marker	Frequency (GHz)	Meter Reading (dBUV)	Det	226673 ACF (dB) 3mH	DCCF (dB)	Gain/Loss (dB)	Corrected Reading (dBUV/m)	Average Limit (dBUV/m)	Margin (dB)	Peak Limit (dBUV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 5.35	59.22	Pk	34.5	0	-35.37	58.35	-	-	74	-15.65	122	144	V
2	*5.381738	67	Pk	34.5	0	-35.27	66.23	-	-	74	-7.77	122	144	V
3	* 5.35	46.51	RMS	34.5	.89	-35.37	46.53	54	-7.47	-	-	122	144	V
4	*5.377842	50.59	RMS	34.5	.89	-35.27	50.71	54	-3.29	-	-	122	144	V

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

1TX Antenna 5 MODE

BANDEDGE (MID CHANNEL LOW EDGE)

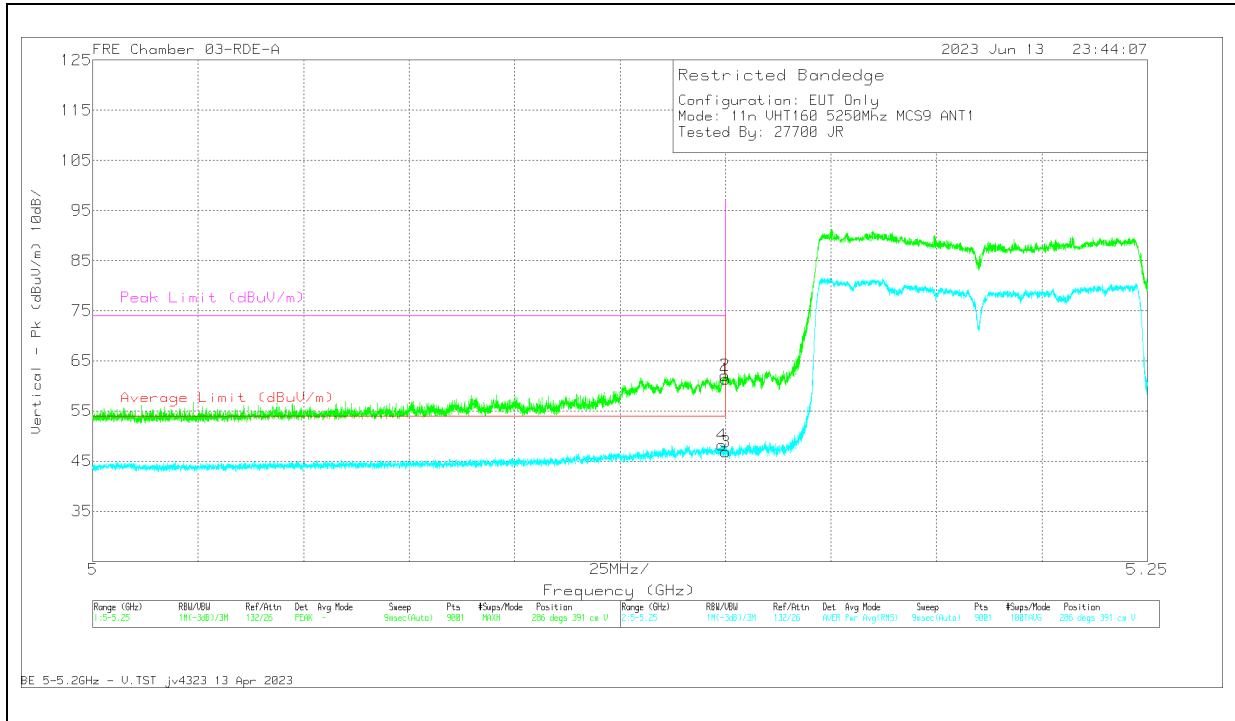
HORIZONTAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	230299 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	66.72	Pk	34.6	0	-38.69	62.63	-	-	74	-11.37	359	366	H
2	*5.135807	68.27	Pk	34.5	0	-38.72	64.05	-	-	74	-9.95	359	366	H
3	* 5.15	52.9	RMS	34.6	.89	-38.69	49.7	54	-4.3	-	-	359	366	H
4	* 5.13539	53.5	RMS	34.5	.89	-38.71	50.18	54	-3.82	-	-	359	366	H

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

VERTICAL RESULT

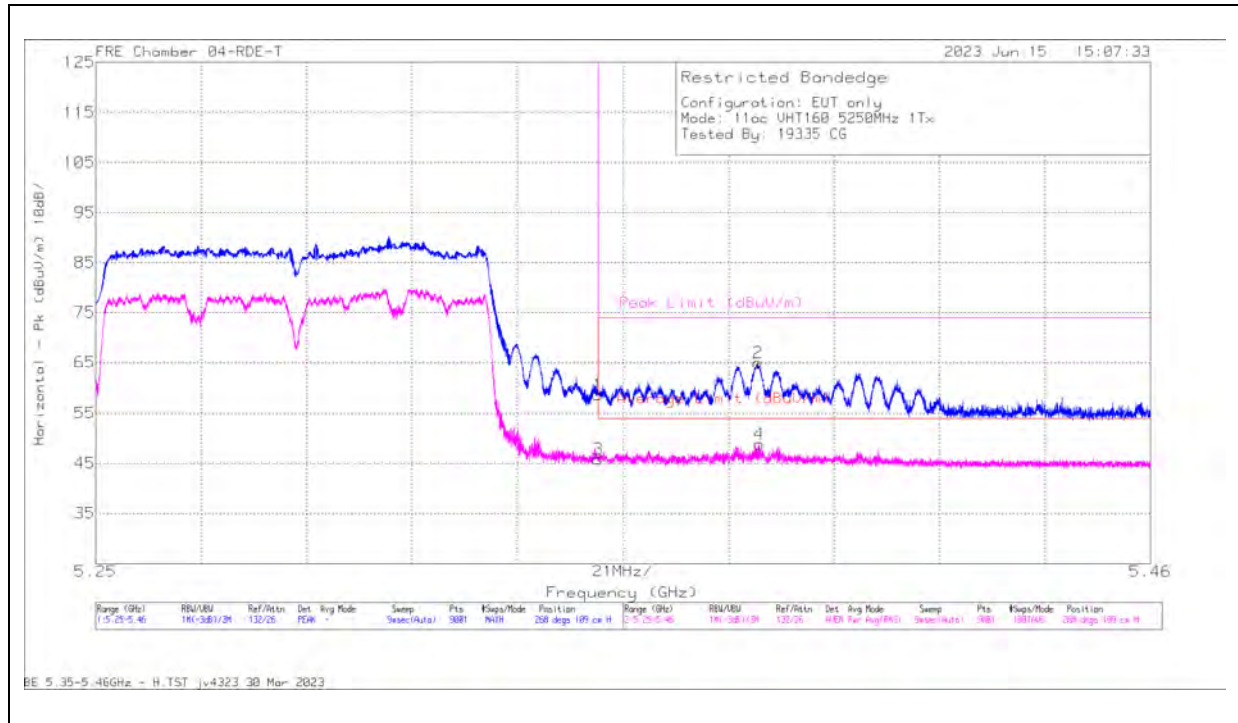


Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	230299 ACF (dB/m)	DCCF (dB)	Gain/Loss (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	*5.15	65.42	Pk	34.6	0	-38.69	61.33	-	-	74	-12.67	286	391	V
2	*5.149862	66.17	Pk	34.6	0	-38.69	62.08	-	-	74	-11.92	286	391	V
3	*5.15	50.01	RMS	34.6	.89	-38.69	46.81	54	-7.19	-	-	286	391	V
4	*5.149085	51.45	RMS	34.6	.89	-38.72	48.22	54	-5.78	-	-	286	391	V

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

BANDEDGE (MID CHANNEL HIGH EDGE)

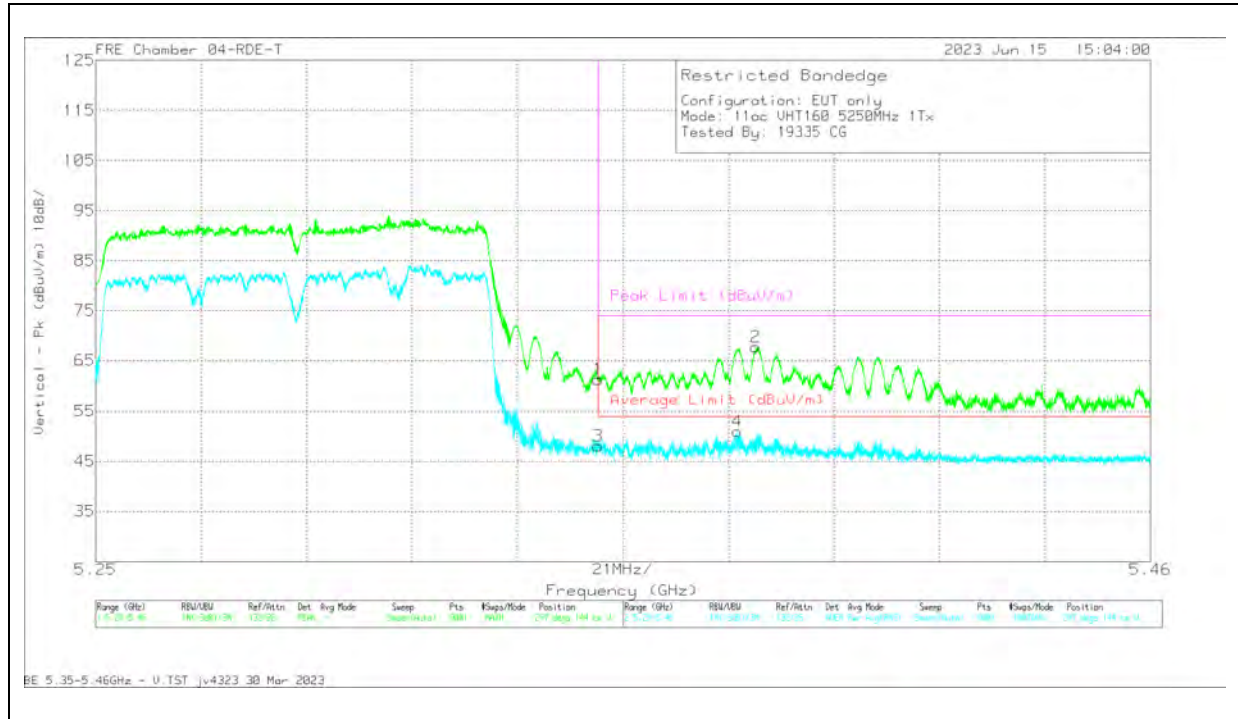
HORIZONTAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	226673 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	59.56	Pk	34.5	0	-35.37	58.69	-	-	74	-15.31	268	109	H
2	*5.381831	65.79	Pk	34.5	0	-35.27	65.02	-	-	74	-8.98	268	109	H
3	* 5.35	45.87	RMS	34.5	.89	-35.37	45.89	54	-8.11	-	-	268	109	H
4	*5.382135	48.77	RMS	34.5	.89	-35.27	48.89	54	-5.11	-	-	268	109	H

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

VERTICAL RESULT



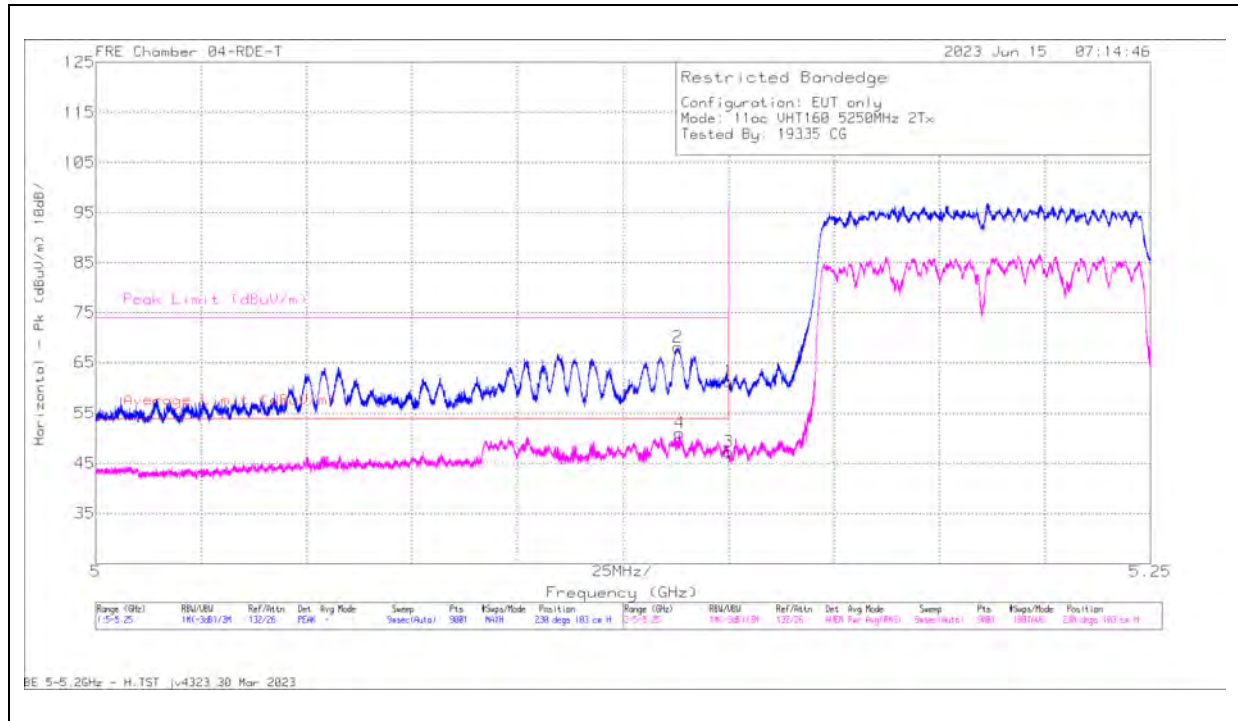
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	226673 ACF (dB) 3mH	DCCF (dB)	Gain/Loss (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 5.35	62.22	Pk	34.5	0	-35.37	61.35	-	-	74	-12.65	297	144	V
2	*5.381365	68.47	Pk	34.5	0	-35.26	67.71	-	-	74	-6.29	297	144	V
3	* 5.35	48.12	RMS	34.5	.89	-35.37	48.14	54	-5.86	-	-	297	144	V
4	*5.377795	50.86	RMS	34.5	.89	-35.27	50.98	54	-3.02	-	-	297	144	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 LOW EDGE)

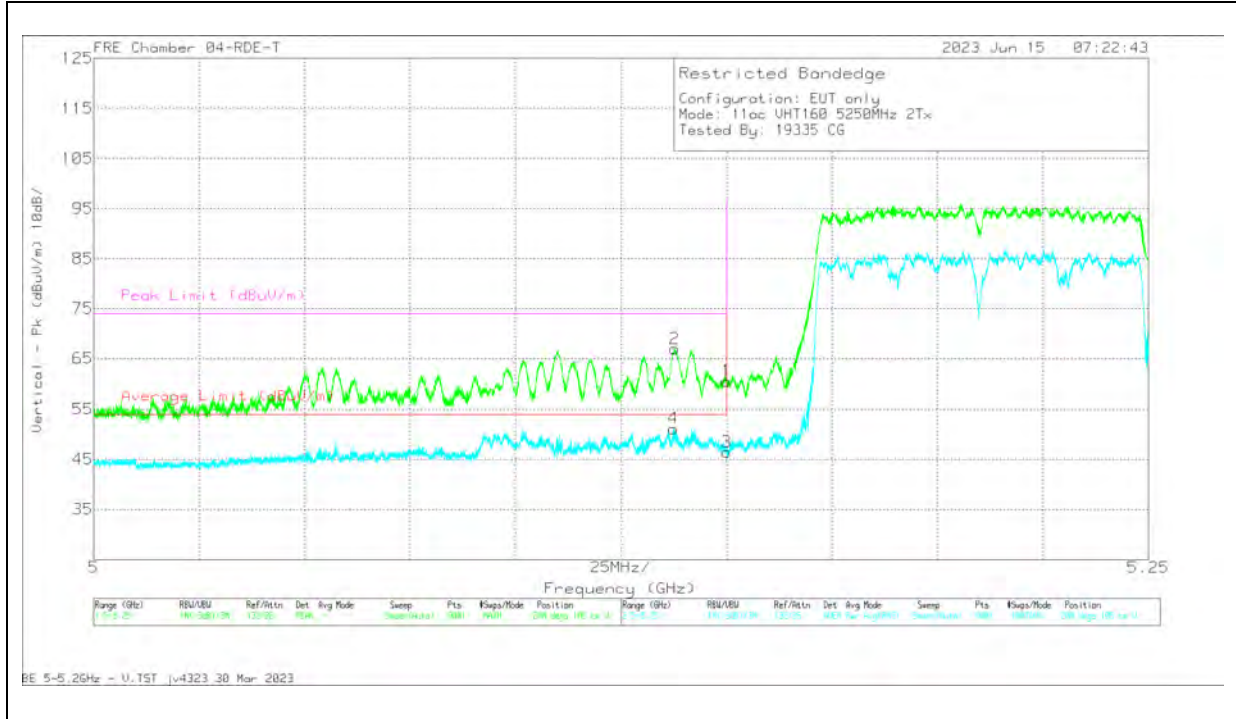
HORIZONTAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	226673 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	63.1	Pk	34.2	0	-35.9	61.4	-	-	74	-12.6	230	103	H
2	*5.137946	69.93	Pk	34.2	0	-35.97	68.16	-	-	74	-5.84	230	103	H
3	* 5.15	49	RMS	34.2	.89	-35.9	48.19	54	-5.81	-	-	230	103	H
4	*5.138446	52.89	RMS	34.2	.89	-35.96	52.02	54	-1.98	-	-	230	103	H

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

VERTICAL RESULT

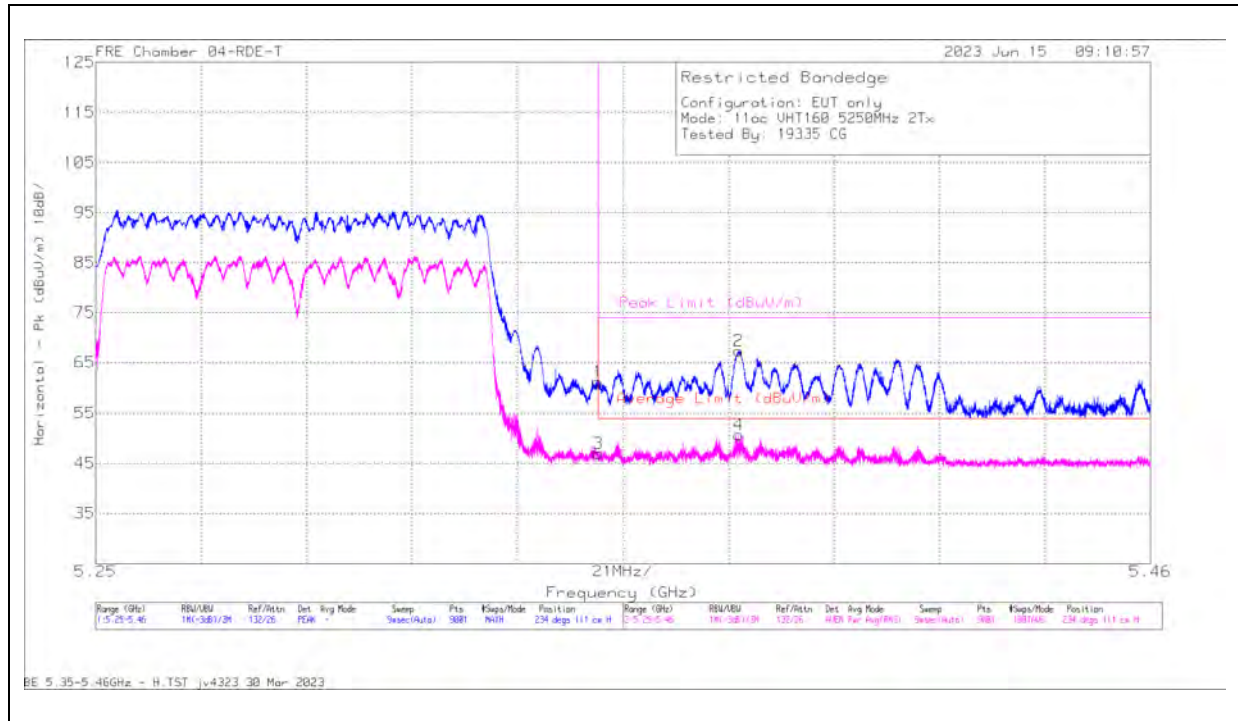


Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	226673 ACF (dB) 3mH	DCCF (dB)	Gain/Loss (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 5.15	62.31	Pk	34.2	0	-35.9	60.61	-	-	74	-13.39	208	105	V
2	*5.137723	68.76	Pk	34.2	0	-35.97	66.99	-	-	74	-7.01	208	105	V
3	* 5.15	47.3	RMS	34.2	.89	-35.9	46.49	54	-7.51	-	-	208	105	V
4	* 5.13739	52.04	RMS	34.2	.89	-35.97	51.16	54	-2.84	-	-	208	105	V

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

BANDEDGE (MID CHANNEL HIGH EDGE)

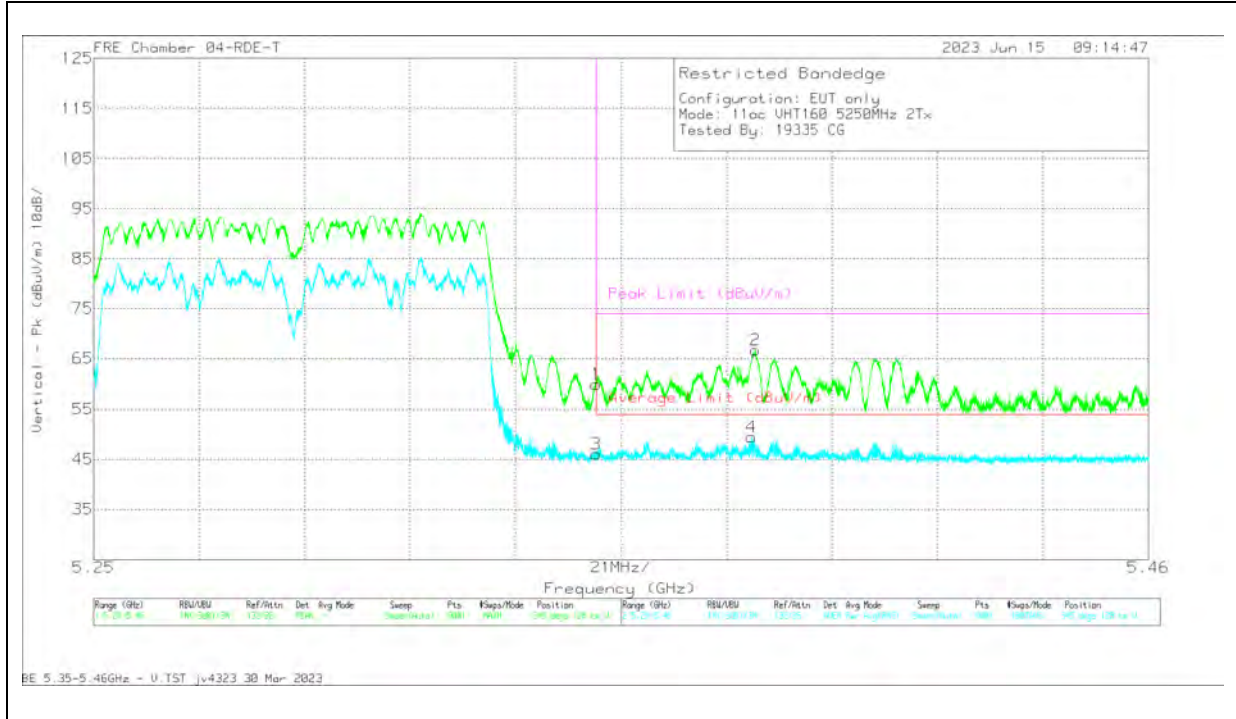
HORIZONTAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	226673 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	62.08	Pk	34.5	0	-35.37	61.21	-	-	74	-12.79	234	111	H
2	*5.378028	68.16	Pk	34.5	0	-35.27	67.39	-	-	74	-6.61	234	111	H
3	* 5.35	46.95	RMS	34.5	.89	-35.37	46.97	54	-7.03	-	-	234	111	H
4	*5.378005	50.61	RMS	34.5	.89	-35.27	50.73	54	-3.27	-	-	234	111	H

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

VERTICAL RESULT

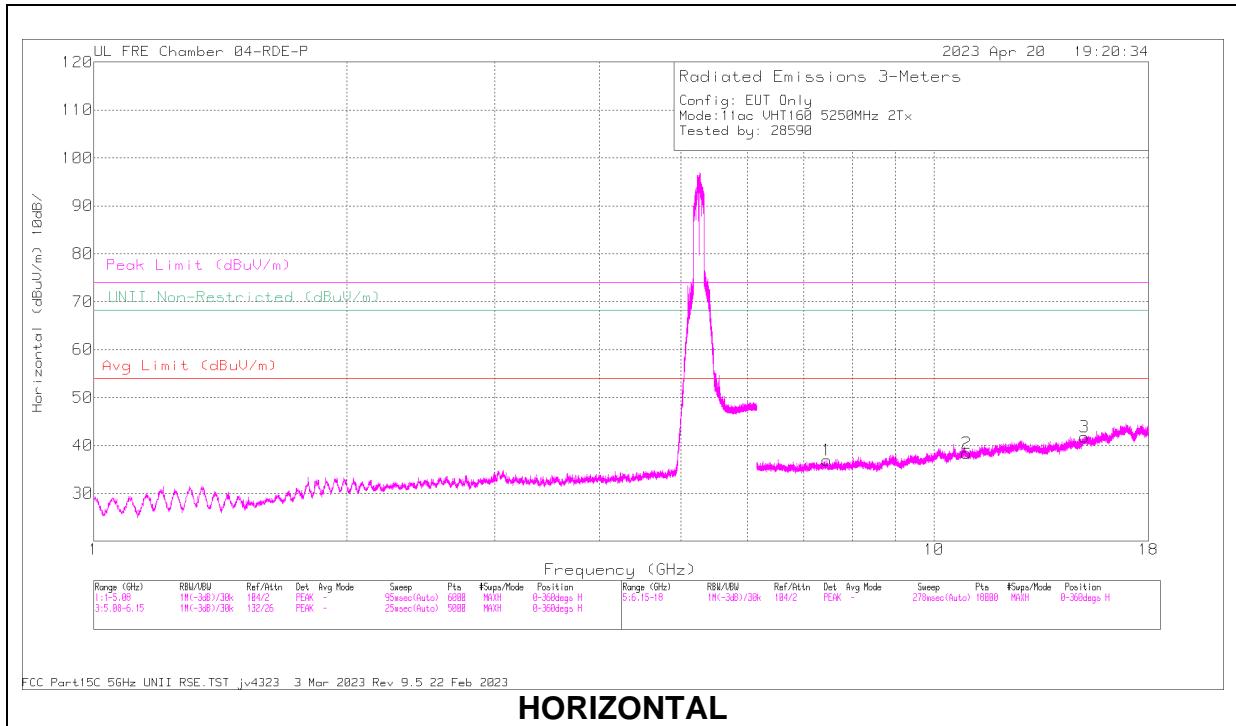


Marker	Frequency (GHz)	Meter Reading (dBUV)	Det	226673 ACF (dB) 3mH	DCCF (dB)	Gain/Loss (dB)	Corrected Reading (dBUV/m)	Average Limit (dBUV/m)	Margin (dB)	Peak Limit (dBUV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 5.35	60.89	Pk	34.5	0	-35.37	60.02	-	-	74	-13.98	345	128	V
2	*5.381738	67.5	Pk	34.5	0	-35.27	66.73	-	-	74	-7.27	345	128	V
3	* 5.35	46.04	RMS	34.5	.89	-35.37	46.06	54	-7.94	-	-	345	128	V
4	*5.380945	49.35	RMS	34.5	.89	-35.26	49.48	54	-4.52	-	-	345	128	V

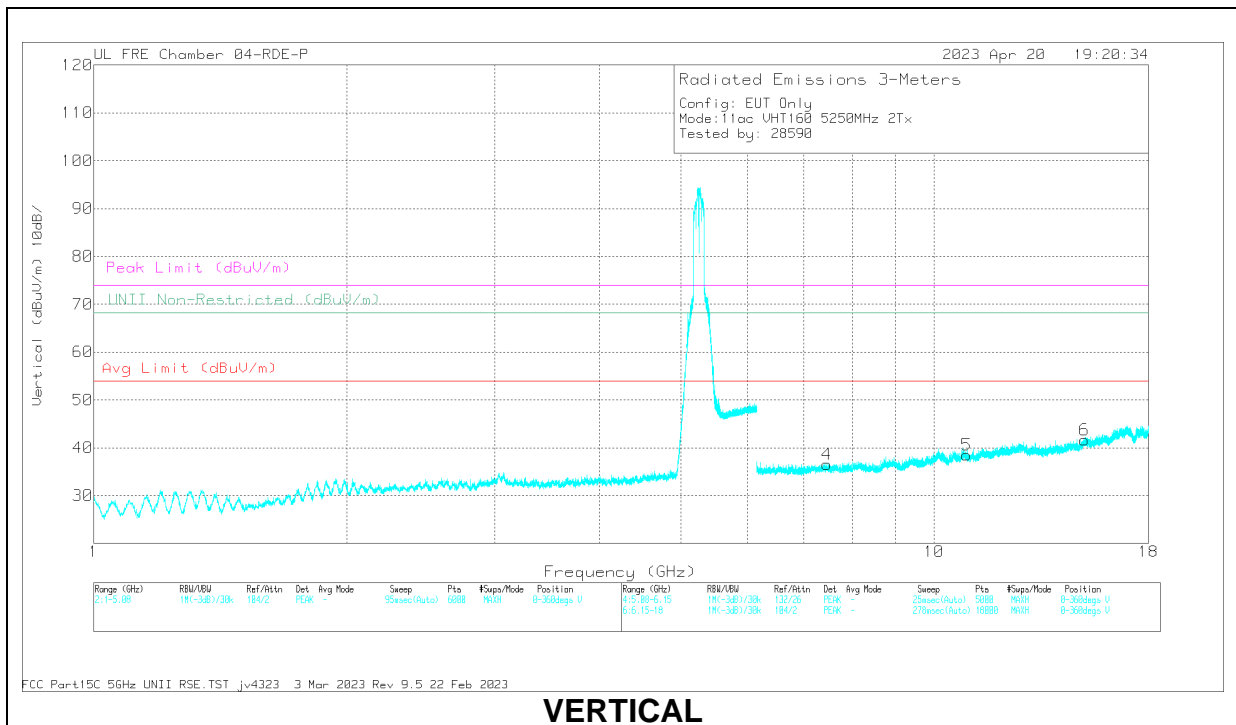
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band
 Pk - Peak detector
 RMS - RMS detection

HARMONICS AND SPURIOUS EMISSIONS

MID CHANNEL RESULTS



HORIZONTAL



VERTICAL

RADIATED EMISSIONS

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	*7.457264	57.12	PK-U	35.7	-45.35	47.47	-	-	74	-26.53	-	-	0	100	H
	*7.459247	44.3	ADR	35.7	-45.32	34.68	54	-19.32	-	-	-	-	0	100	H
2	*10.942647	54.31	PK-U	37.6	-43.58	48.33	-	-	74	-25.67	-	-	0	100	H
	*10.943892	42.69	ADR	37.6	-43.58	36.71	54	-17.29	-	-	-	-	0	100	H
4	*7.459229	56.24	PK-U	35.7	-45.32	46.62	-	-	74	-27.38	-	-	0	201	V
	*7.457235	44.4	ADR	35.7	-45.36	34.74	54	-19.26	-	-	-	-	0	201	V
5	*10.939707	54.69	PK-U	37.6	-43.62	48.67	-	-	74	-25.33	-	-	0	200	V
	*10.942152	42.78	ADR	37.6	-43.59	36.79	54	-17.21	-	-	-	-	0	200	V
3	15.104153	54.71	PK-U	39.7	-43.04	51.37	-	-	-	-	68.2	-16.83	0	100	H
6	15.109093	54.51	PK-U	39.8	-43.05	51.26	-	-	-	-	68.2	-16.94	0	200	V

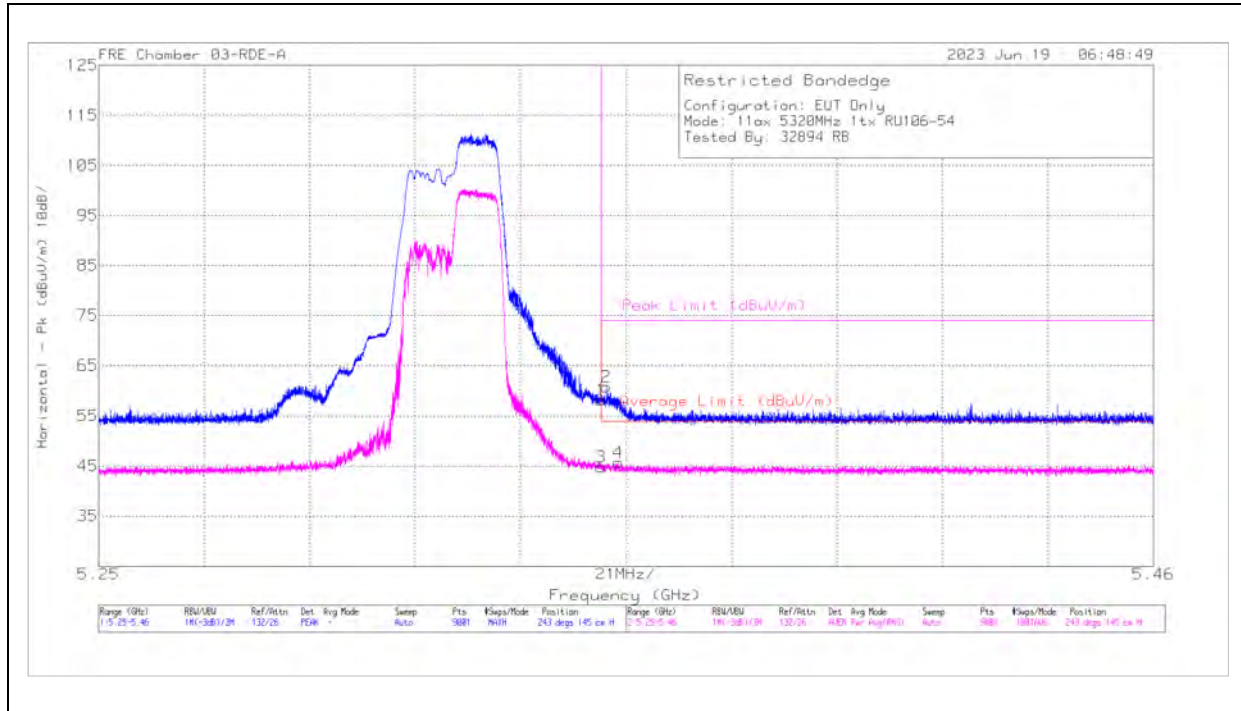
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band
 PK-U - U-NII: Maximum Peak
 ADR - U-NII AD primary method, RMS average

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

1TX Antenna 6 MODE: 106-Tone, RU Index 54

BANDEDGE (HIGH CHANNEL)

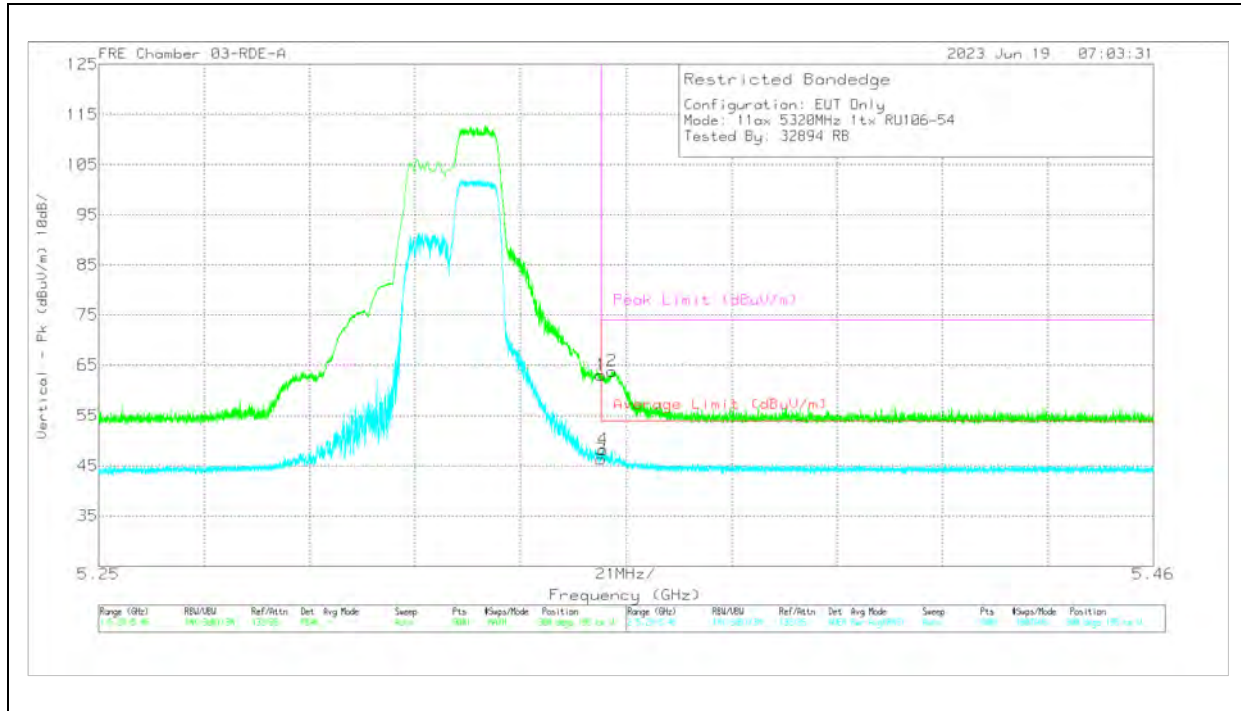
HORIZONTAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	230299 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	61.8	Pk	34.9	0	-38.46	58.24	-	-	74	-15.76	243	145	H
2	*5.351055	64.36	Pk	34.9	0	-38.46	60.8	-	-	74	-13.2	243	145	H
3	* 5.35	47.74	RMS	34.9	.55	-38.46	44.73	54	-9.27	-	-	243	145	H
4	*5.353412	48.68	RMS	34.9	.55	-38.51	45.62	54	-8.38	-	-	243	145	H

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

VERTICAL RESULT



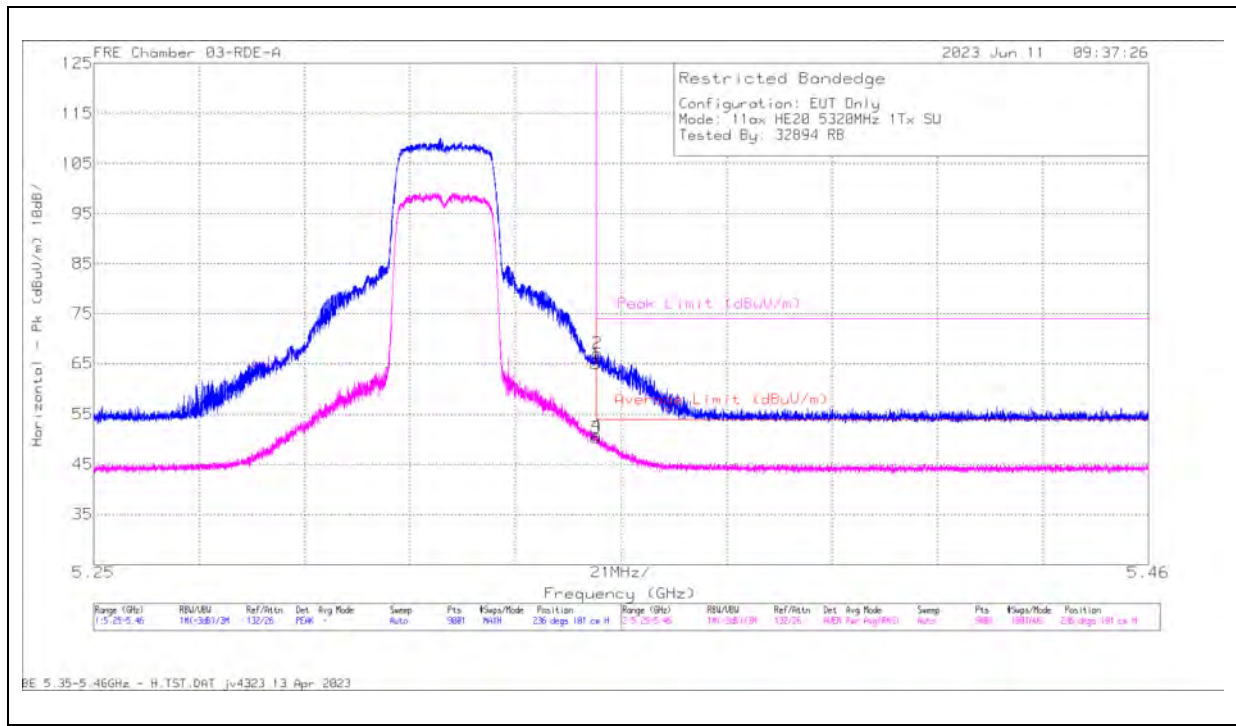
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	230299 ACF (dB/m)	DCCF (dB)	Gain/Loss (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 5.35	66.64	Pk	34.9	0	-38.46	63.08	-	-	74	-10.92	300	195	V
2	*5.352175	67.39	Pk	34.9	0	-38.48	63.81	-	-	74	-10.19	300	195	V
3	* 5.35	49.26	RMS	34.9	.55	-38.46	46.25	54	-7.75	-	-	300	195	V
4	*5.350379	51.23	RMS	34.9	.55	-38.46	48.22	54	-5.78	-	-	300	195	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)

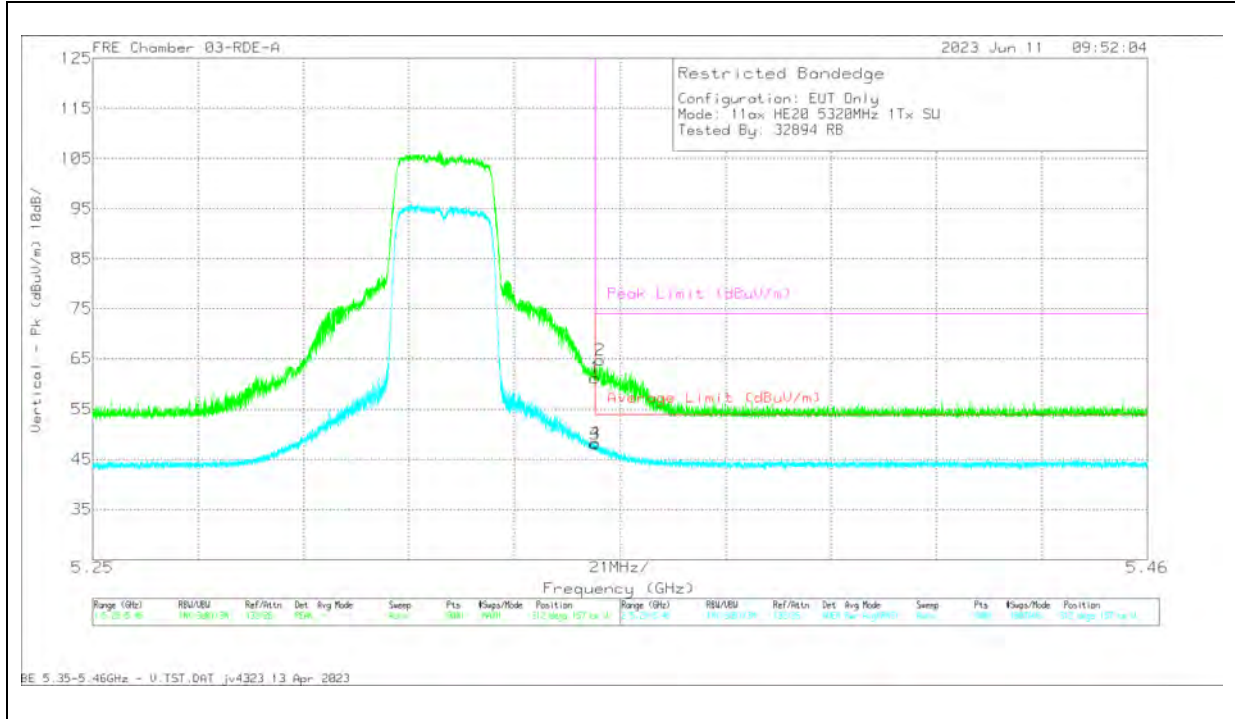
HORIZONTAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	230299 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	68.56	Pk	34.9	0	-38.46	65	-	-	74	-9	236	101	H
2	* 5.35028	70.72	Pk	34.9	0	-38.46	67.16	-	-	74	-6.84	236	101	H
3	* 5.35	53.36	RMS	34.9	.61	-38.46	50.41	54	-3.59	-	-	236	101	H
4	* 5.35014	53.83	RMS	34.9	.61	-38.46	50.88	54	-3.12	-	-	236	101	H

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

VERTICAL RESULT



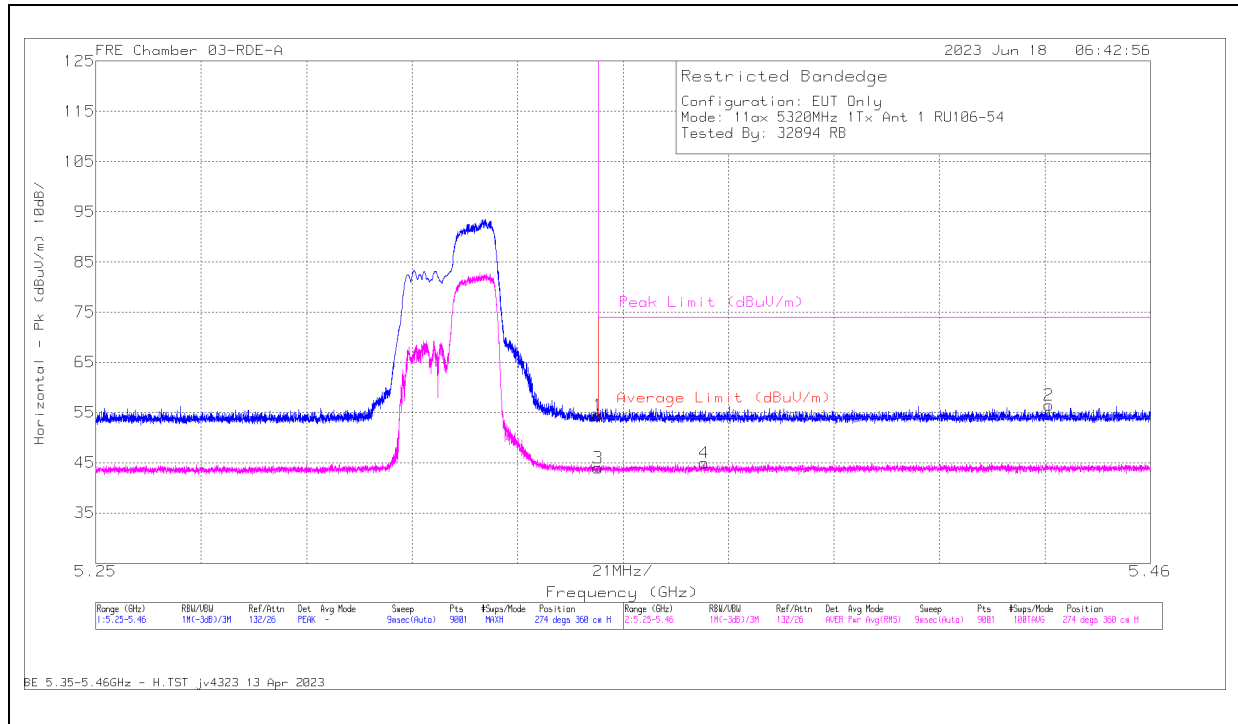
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	230299 ACF (dB/m)	DCCF (dB)	Gain/Loss (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 5.35	64.76	Pk	34.9	0	-38.46	61.2	-	-	74	-12.8	312	157	V
2	* 5.35107	68.33	Pk	34.9	0	-38.46	64.77	-	-	74	-9.23	312	157	V
3	* 5.35	51.13	RMS	34.9	.61	-38.46	48.18	54	-5.82	-	-	312	157	V
4	* 5.35000	51.35	RMS	34.9	.61	-38.46	48.40	54	-5.60	-	-	312	157	V

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

1TX Antenna 5 MODE: 106-Tone, RU Index 54

BANDEDGE (HIGH CHANNEL)

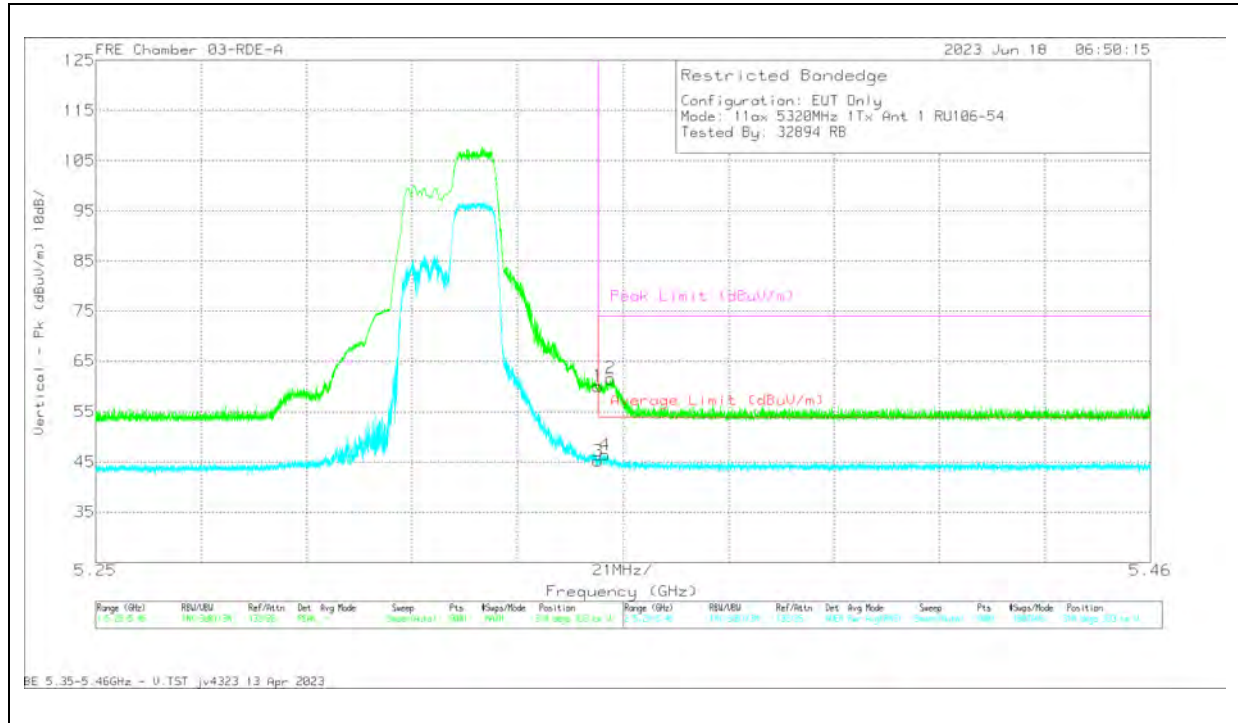
HORIZONTAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	230299 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	58.01	Pk	34.9	0	-38.46	54.45	-	-	74	-19.55	274	360	H
2	*5.439837	59.77	Pk	35	0	-38.35	56.42	-	-	74	-17.58	274	360	H
3	* 5.35	46.97	RMS	34.9	.55	-38.46	43.96	54	-10.04	-	-	274	360	H
4	*5.371098	47.89	RMS	34.9	.55	-38.47	44.87	54	-9.13	-	-	274	360	H

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

VERTICAL RESULT



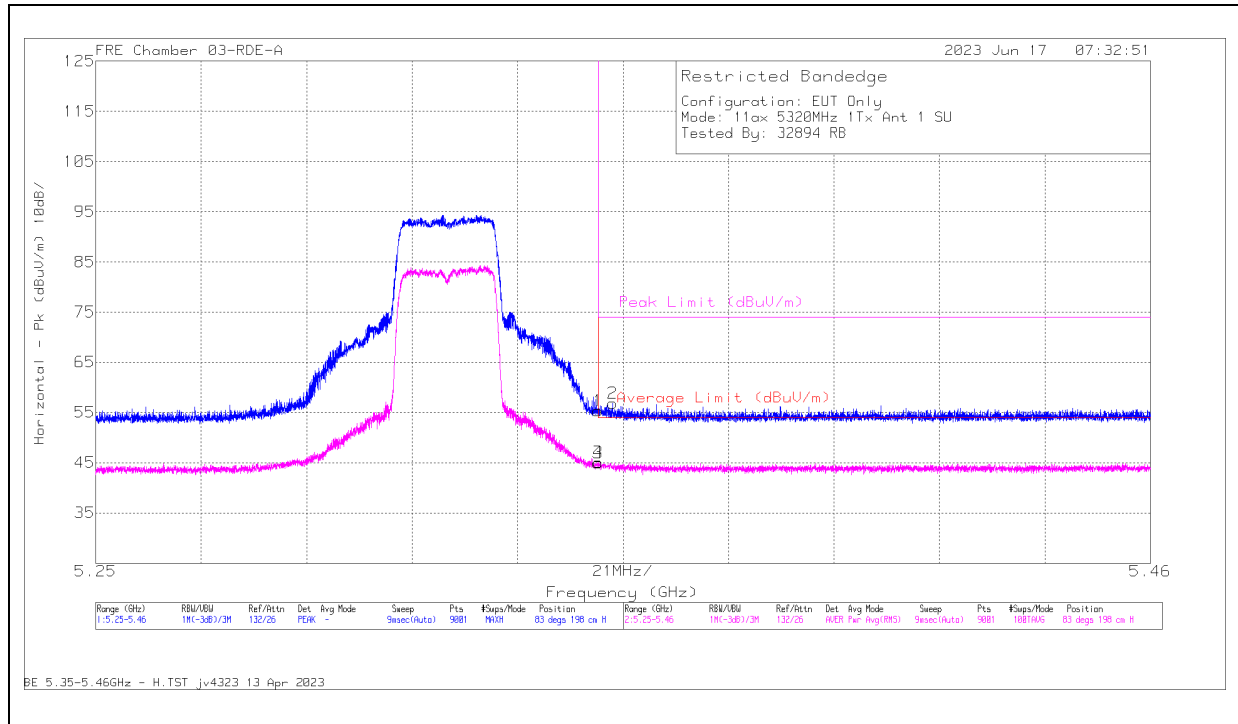
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	230299 ACF (dB/m)	DCCF (dB)	Gain/Loss (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 5.35	63.61	Pk	34.9	0	-38.46	60.05	-	-	74	-13.95	310	333	V
2	*5.352502	65.26	Pk	34.9	0	-38.49	61.67	-	-	74	-12.33	310	333	V
3	* 5.35	48.18	RMS	34.9	.55	-38.46	45.17	54	-8.830	-	-	310	333	V
4	*5.351429	49.42	RMS	34.9	.55	-38.46	46.41	54	-7.59	-	-	310	333	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)

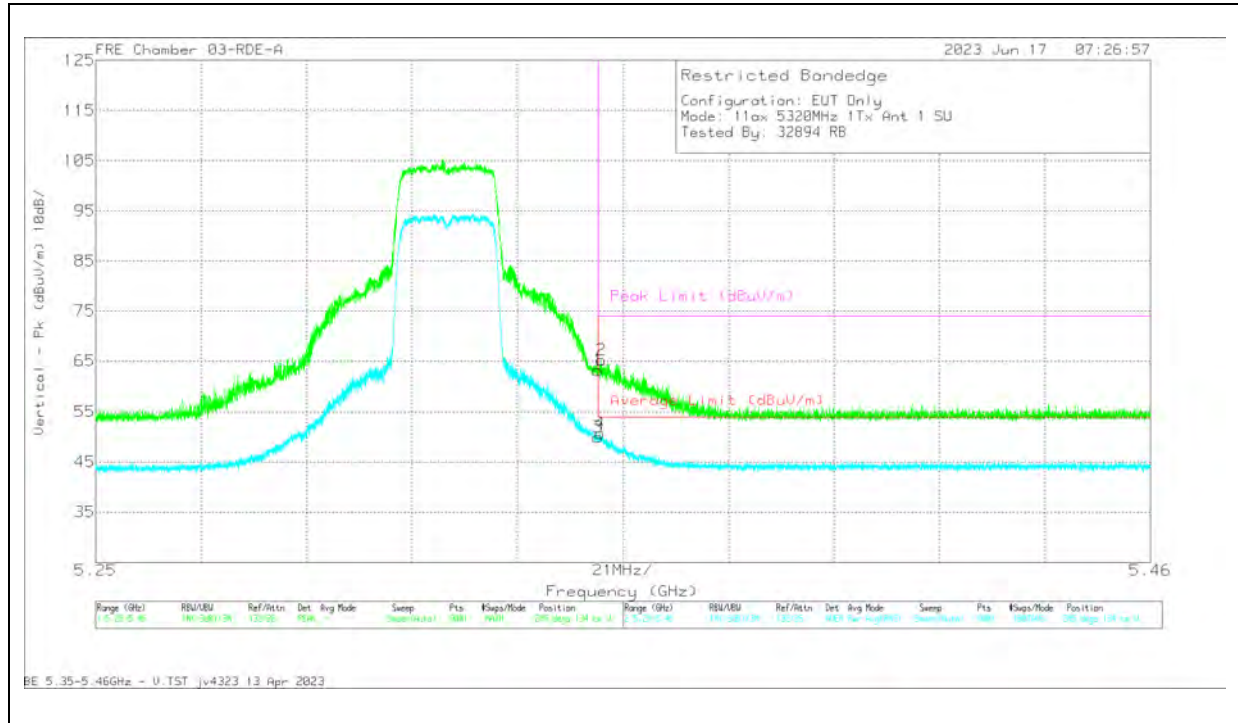
HORIZONTAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	230299 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	58.86	Pk	34.9	0	-38.46	55.3	-	-	74	-18.7	83	198	H
2	*5.352922	60.47	Pk	34.9	0	-38.51	56.86	-	-	74	-17.14	83	198	H
3	* 5.35	47.97	RMS	34.9	.61	-38.46	45.02	54	-8.98	-	-	83	198	H
4	*5.350005	48.07	RMS	34.9	.61	-38.46	45.12	54	-8.88	-	-	83	198	H

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

VERTICAL RESULT



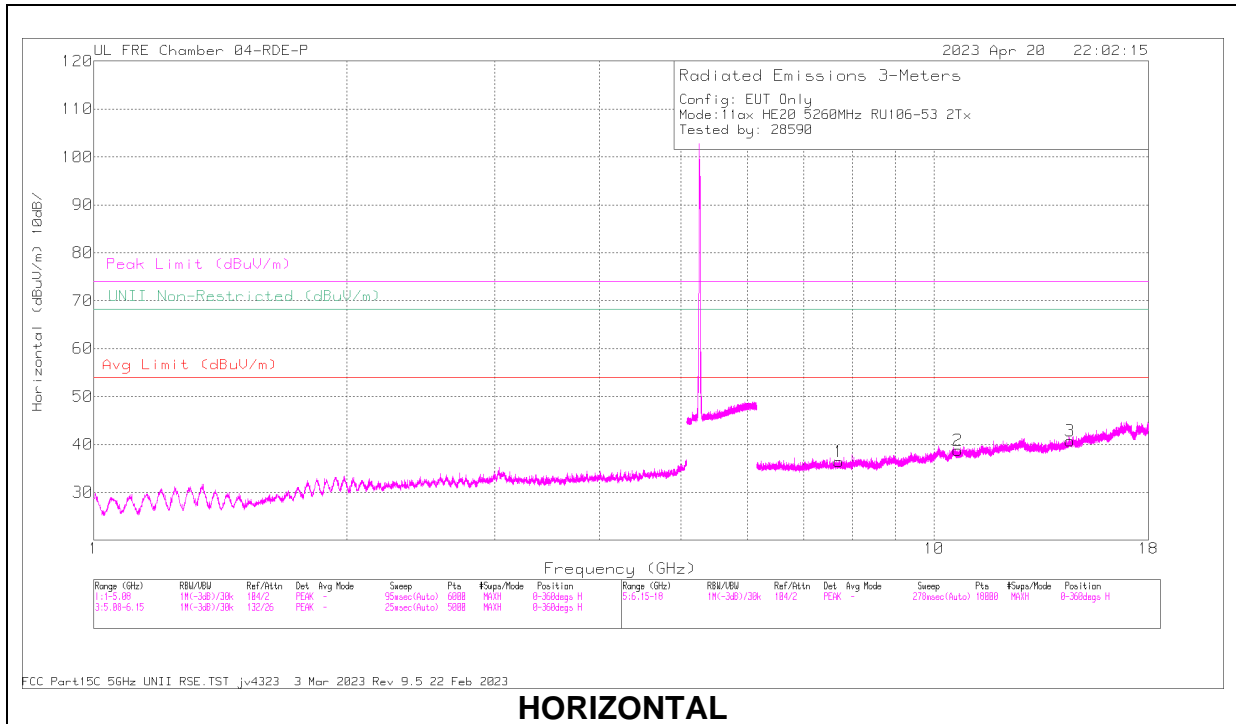
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	230299 ACF (dB/m)	DCCF (dB)	Gain/Loss (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 5.35	66.77	Pk	34.9	0	-38.46	63.21	-	-	74	-10.79	285	134	V
2	*5.350682	68.79	Pk	34.9	0	-38.46	65.23	-	-	74	-8.77	285	134	V
3	* 5.35	52.91	RMS	34.9	.61	-38.46	49.96	54	-4.04	-	-	285	134	V
4	*5.350495	53.65	RMS	34.9	.61	-38.46	50.70	54	-3.30	-	-	285	134	V

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

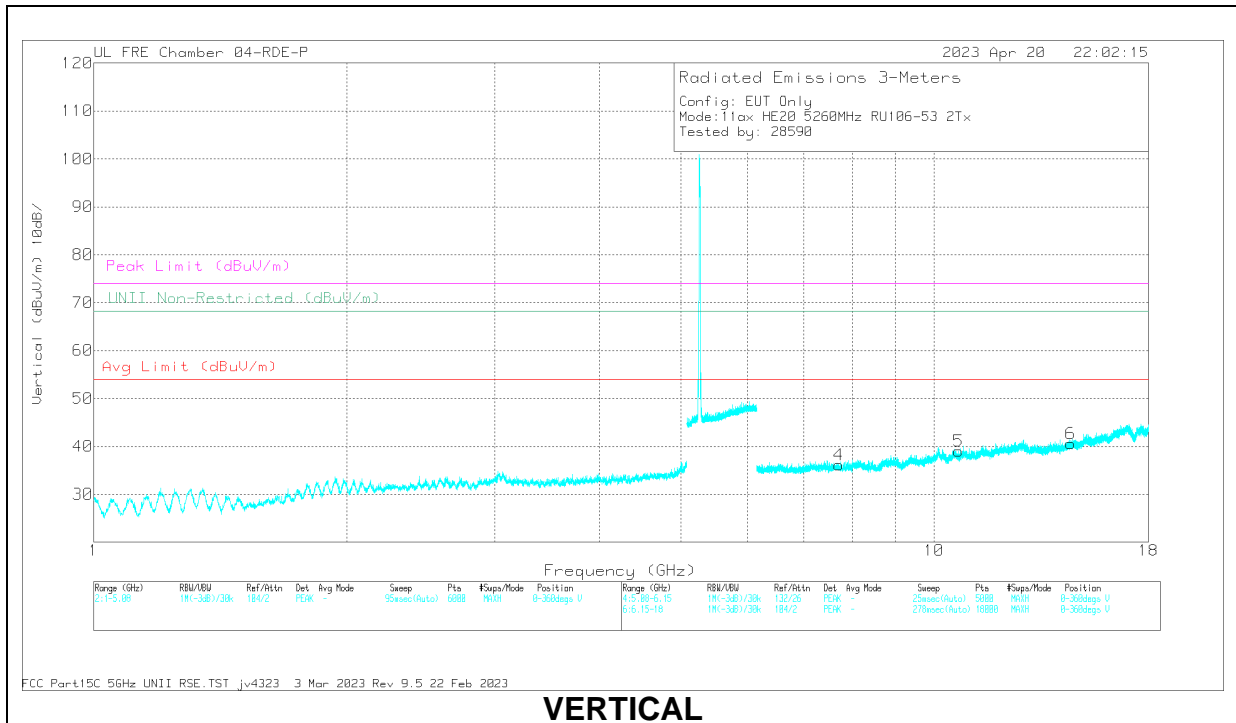
2TX Antenna 6 + Antenna 5 OFDMA MODE: 106-Tone, RU Index 53

HARMONICS AND SPURIOUS EMISSIONS

LOW CHANNEL RESULTS



HORIZONTAL



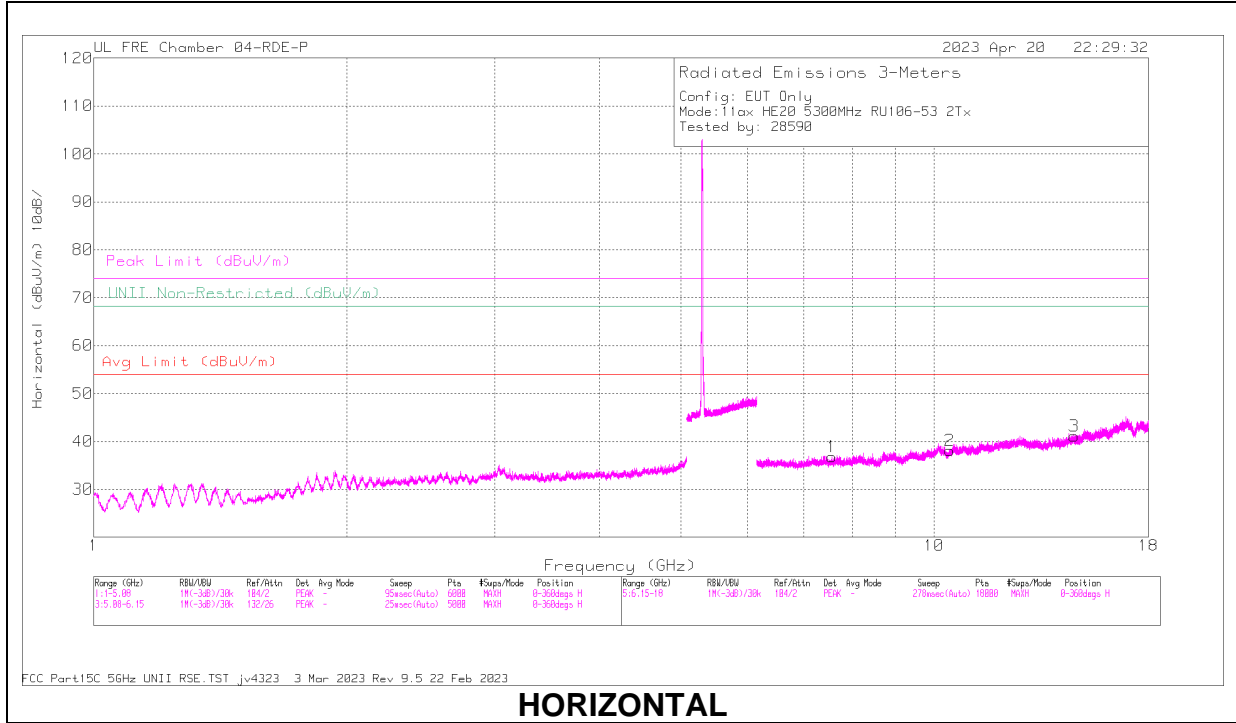
VERTICAL

RADIATED EMISSIONS

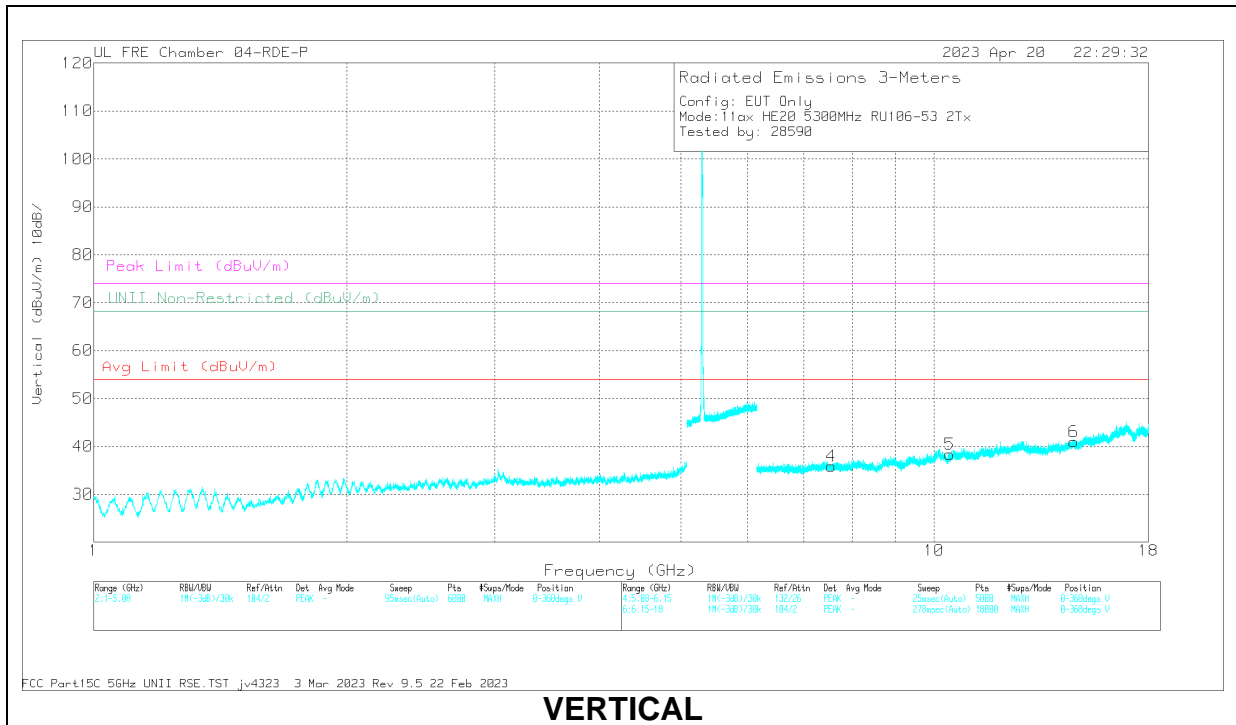
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	222740 ACF(dB) - 3mH	Gain/Loss (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	*7.699216	55.84	PK-U	35.7	-45.44	46.1	-	-	74	-27.9	-	-	0	100	H
	*7.700141	44.35	ADR	35.7	-45.36	34.69	54	-19.31	-	-	-	-	0	100	H
2	*10.679112	55.43	PK-U	37.4	-44.33	48.5	-	-	74	-25.5	-	-	0	100	H
	*10.67616	43.84	ADR	37.4	-44.38	36.86	54	-17.14	-	-	-	-	0	100	H
4	*7.706522	56.25	PK-U	35.7	-45.41	46.54	-	-	74	-27.46	-	-	0	201	V
	*7.706128	44.61	ADR	35.7	-45.44	34.87	54	-19.13	-	-	-	-	0	201	V
5	*10.696275	55.16	PK-U	37.4	-44.27	48.29	-	-	74	-25.71	-	-	0	200	V
	*10.69308	43.86	ADR	37.4	-44.22	37.04	54	-16.96	-	-	-	-	0	200	V
3	14.520237	54.62	PK-U	39.2	-43.53	50.29	-	-	-	-	68.2	-17.91	0	100	H
6	14.553032	54.94	PK-U	39.2	-43.69	50.45	-	-	-	-	68.2	-17.75	0	200	V

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

MID CHANNEL RESULTS



HORIZONTAL



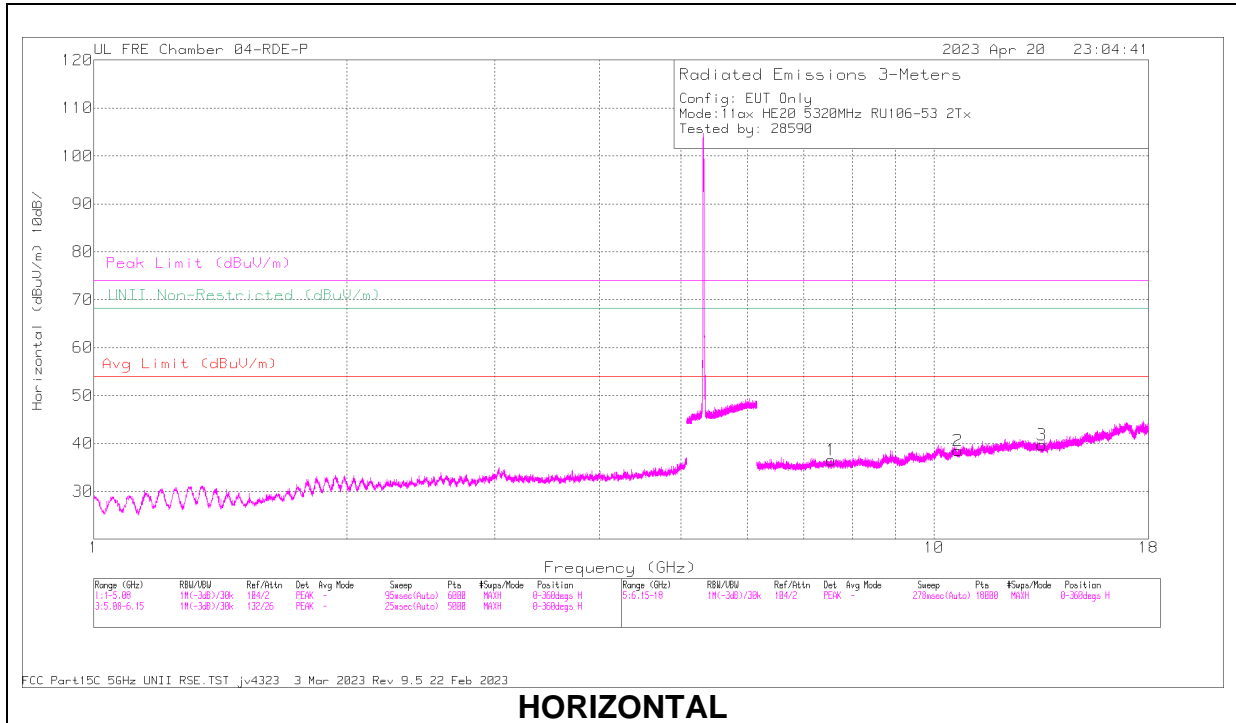
VERTICAL

RADIATED EMISSIONS

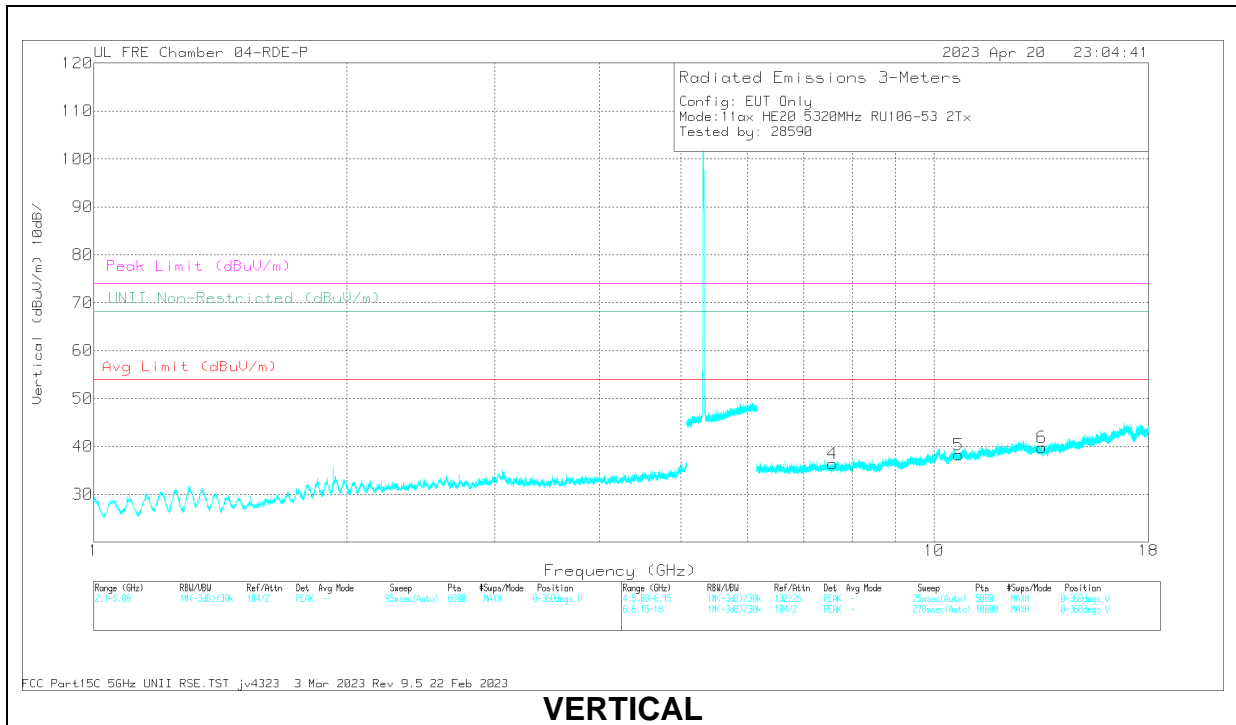
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	222740 ACF(dB) - 3mH	Gain/Loss (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	*7.564334	56.84	PK-U	35.6	-46.13	46.31	-	-	74	-27.69	-	-	0	100	H
	*7.564946	45.2	ADR	35.6	-46.14	34.66	54	-19.34	-	-	-	-	0	100	H
4	*7.551466	56.48	PK-U	35.6	-46.07	46.01	-	-	74	-27.99	-	-	0	201	V
	*7.551655	45.06	ADR	35.6	-46.08	34.58	54	-19.42	-	-	-	-	0	201	V
5	10.434148	56.6	PK-U	37.3	-45.26	48.64	-	-	-	-	68.2	-19.56	0	200	V
2	10.439277	56.06	PK-U	37.3	-45.19	48.17	-	-	-	-	68.2	-20.03	0	100	H
6	14.679396	54.8	PK-U	39.3	-43.48	50.62	-	-	-	-	68.2	-17.58	0	200	V
3	14.683819	54.66	PK-U	39.3	-43.4	50.56	-	-	-	-	68.2	-17.64	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

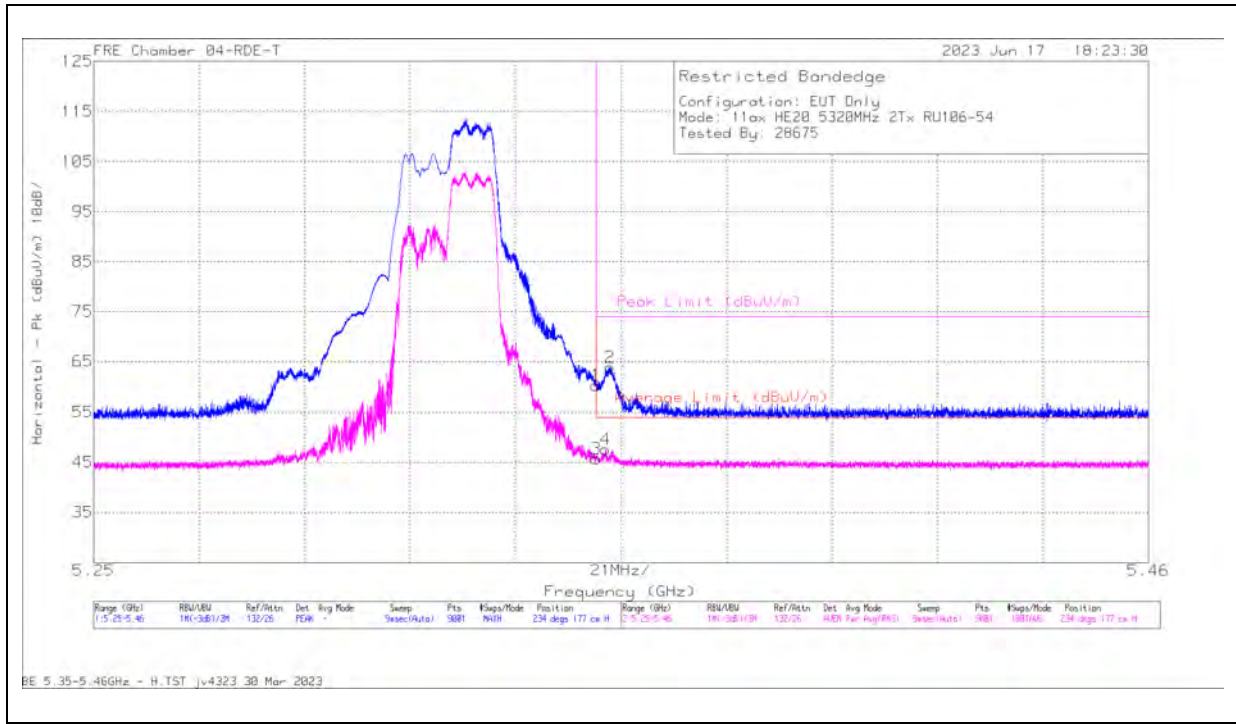
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	222740 ACF(dB) - 3mH	Gain/Loss (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	*7.552752	56.83	PK-U	35.6	-46.1	46.33	-	-	74	-27.67	-	-	0	100	H
	*7.552484	45.05	ADR	35.6	-46.11	34.54	54	-19.46	-	-	-	-	0	100	H
2	*10.686295	55.41	PK-U	37.4	-44.3	48.51	-	-	74	-25.49	-	-	0	100	H
	*10.683083	43.94	ADR	37.4	-44.36	36.98	54	-17.02	-	-	-	-	0	100	H
4	*7.56914	57.34	PK-U	35.6	-46.12	46.82	-	-	74	-27.18	-	-	0	201	V
	*7.567329	45.34	ADR	35.6	-46.17	34.77	54	-19.23	-	-	-	-	0	201	V
5	*10.699105	55.8	PK-U	37.4	-44.21	48.99	-	-	74	-25.01	-	-	0	200	V
	*10.700462	43.8	ADR	37.4	-44.23	36.97	54	-17.03	-	-	-	-	0	200	V
3	13.435471	54.41	PK-U	38.6	-43.33	49.68	-	-	-	-	68.2	-18.52	0	100	H
6	13.437521	54.35	PK-U	38.6	-43.31	49.64	-	-	-	-	68.2	-18.56	0	200	V

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

2TX Antenna 6 + Antenna 5 OFDMA MODE: 106-Tone, RU Index 54

BANDEDGE (HIGH CHANNEL)

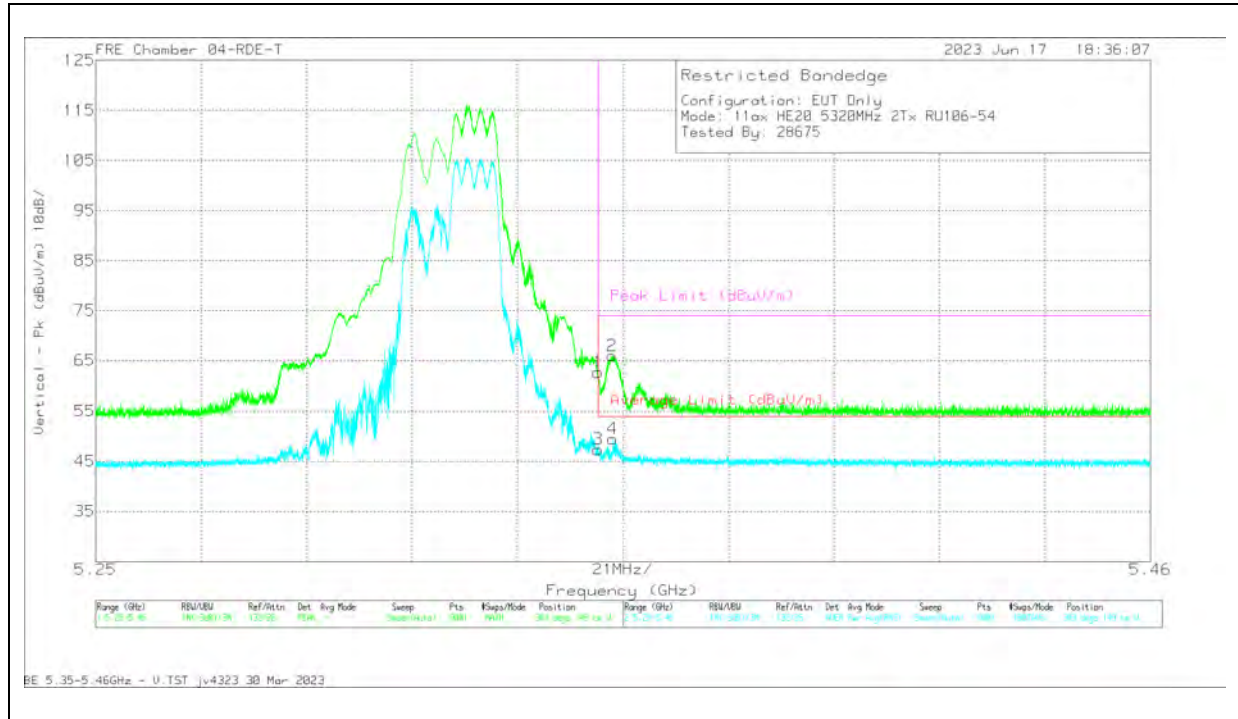
HORIZONTAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	226673 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	61.19	Pk	34.5	0	-35.37	60.32	-	-	74	-13.68	234	177	H
2	*5.352852	64.75	Pk	34.5	0	-35.35	63.9	-	-	74	-10.1	234	177	H
3	* 5.35	45.96	RMS	34.5	.55	-35.37	45.64	54	-8.36	-	-	234	177	H
4	*5.351942	47.85	RMS	34.5	.55	-35.36	47.54	54	-6.46	-	-	234	177	H

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

VERTICAL RESULT



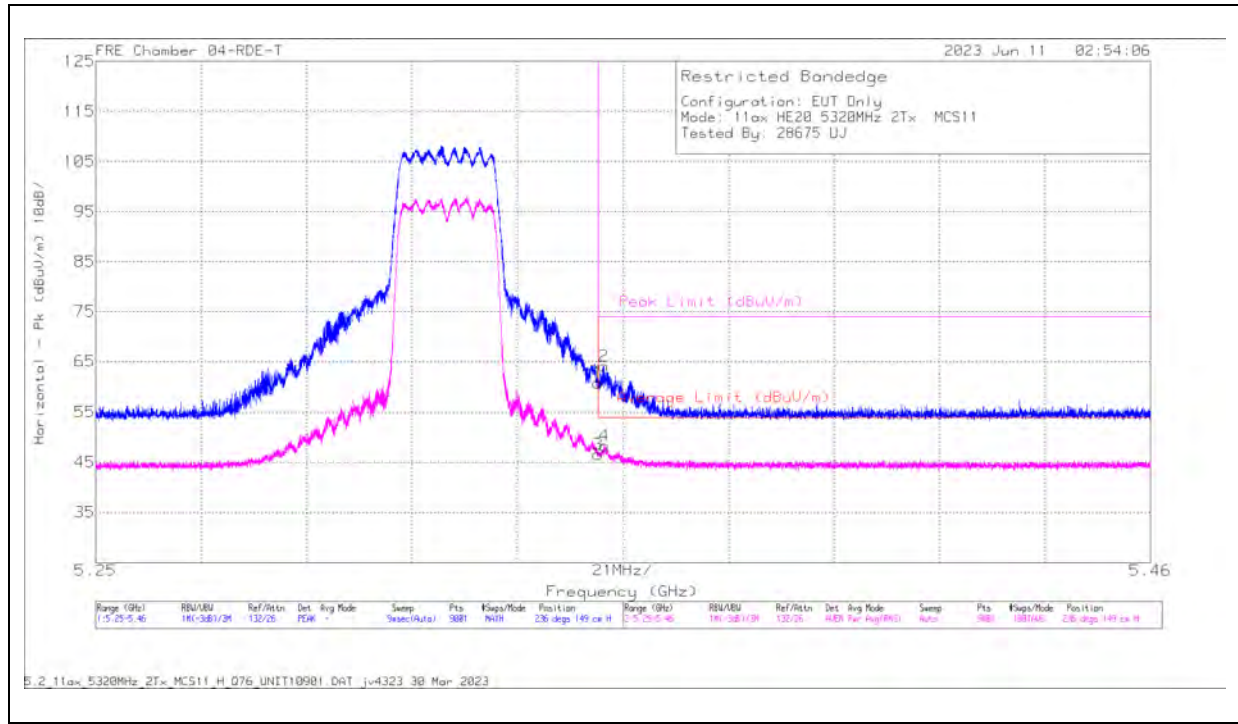
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	226673 ACF (dB) 3mH	DCCF (dB)	Gain/Loss (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	*5.35	63.61	Pk	34.5	0	-35.37	62.74	-	-	74	-11.26	303	149	V
2	*5.352782	66.82	Pk	34.5	0	-35.35	65.97	-	-	74	-8.03	303	149	V
3	*5.35	47.67	RMS	34.5	.55	-35.37	47.35	54	-6.65	-	-	303	149	V
4	*5.352969	49.77	RMS	34.5	.55	-35.35	49.47	54	-4.53	-	-	303	149	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)

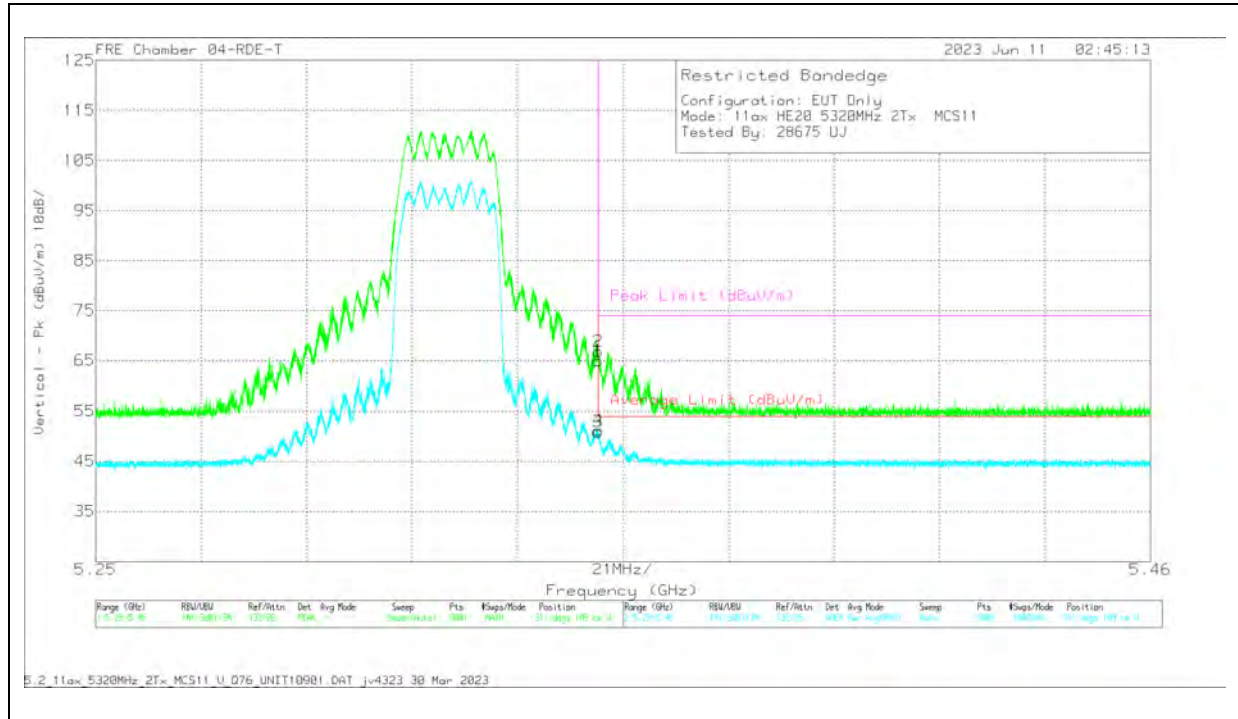
HORIZONTAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	226673 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	61.71	Pk	34.5	0	-35.37	60.84	-	-	74	-13.16	236	149	H
2	*5.351125	64.95	Pk	34.5	0	-35.37	64.08	-	-	74	-9.92	236	149	H
3	* 5.35	46.85	RMS	34.5	.61	-35.37	46.59	54	-7.41	-	-	236	149	H
4	*5.351289	48.57	RMS	34.5	.61	-35.37	48.31	54	-5.69	-	-	236	149	H

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

VERTICAL RESULT

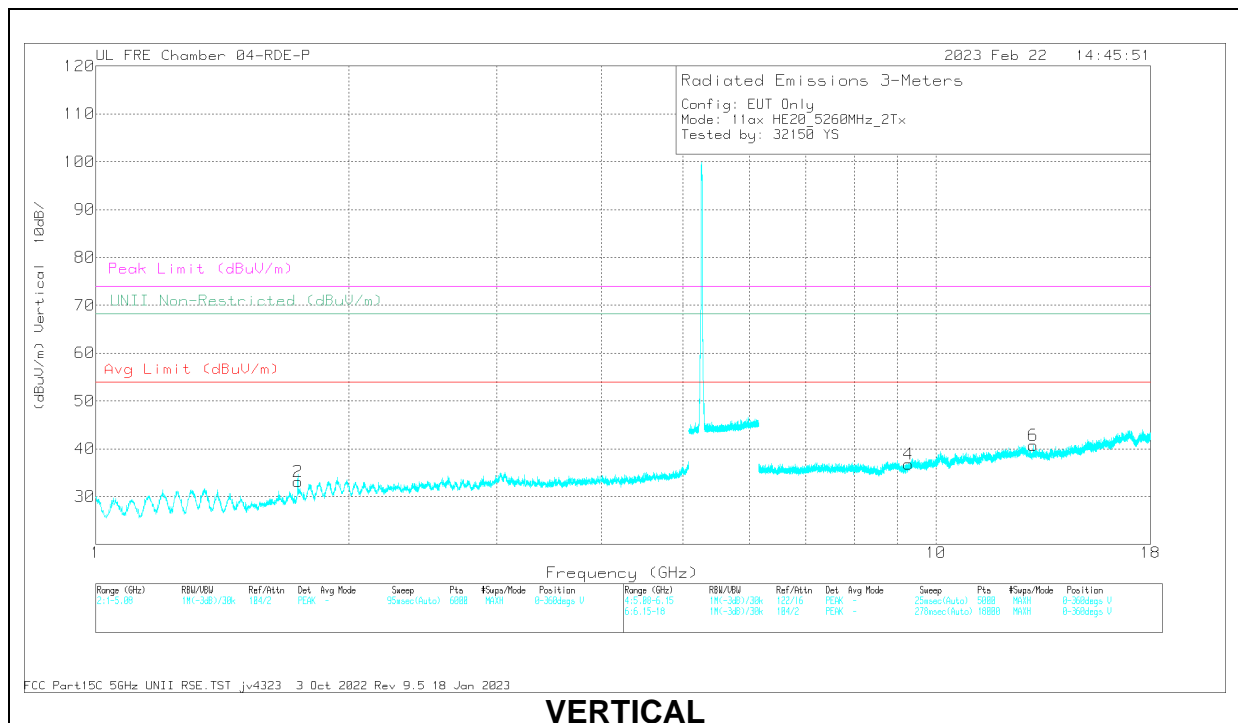
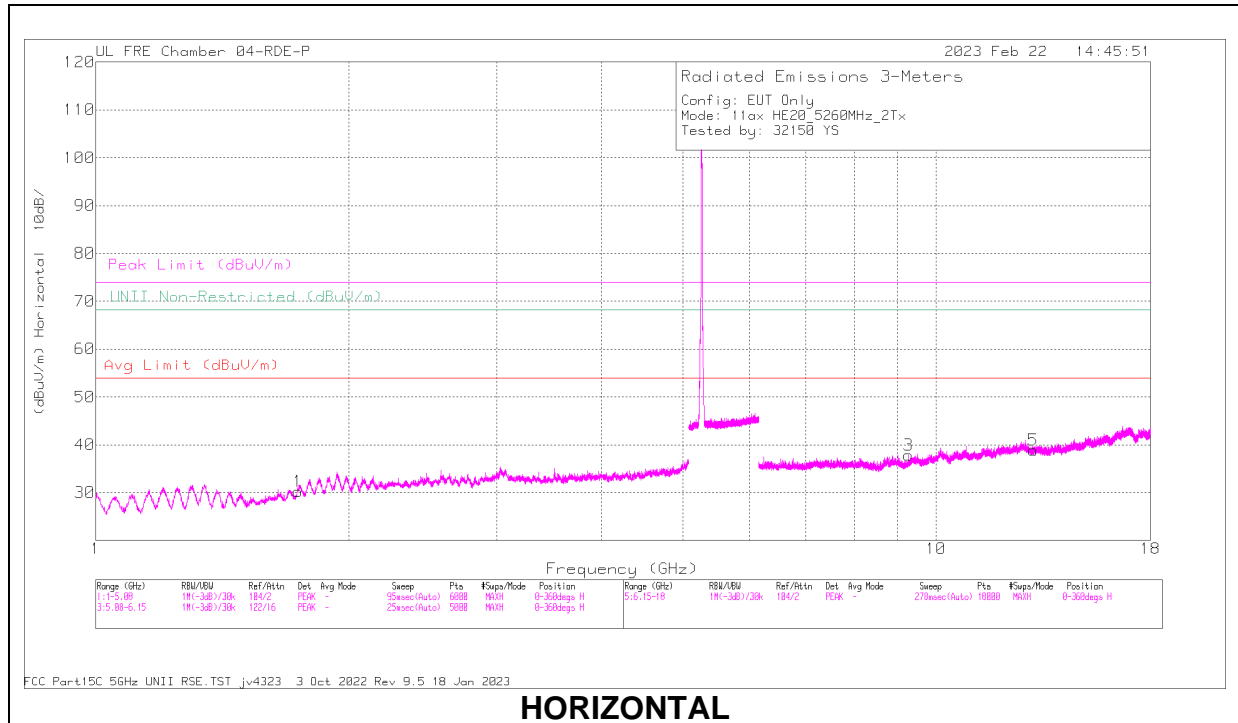


Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	226673 ACF (dB) 3mH	DCCF (dB)	Gain/Loss (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 5.35	65.87	Pk	34.5	0	-35.37	65	-	-	74	-9	311	109	V
2	*5.350099	67.73	Pk	34.5	0	-35.37	66.86	-	-	74	-7.14	311	109	V
3	* 5.35	51.17	RMS	34.5	.61	-35.37	50.91	54	-3.09	-	-	311	109	V
4	*5.350005	51.52	RMS	34.5	.61	-35.37	51.26	54	-2.74	-	-	311	109	V

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

HARMONICS AND SPURIOUS EMISSIONS

LOW CHANNEL RESULTS

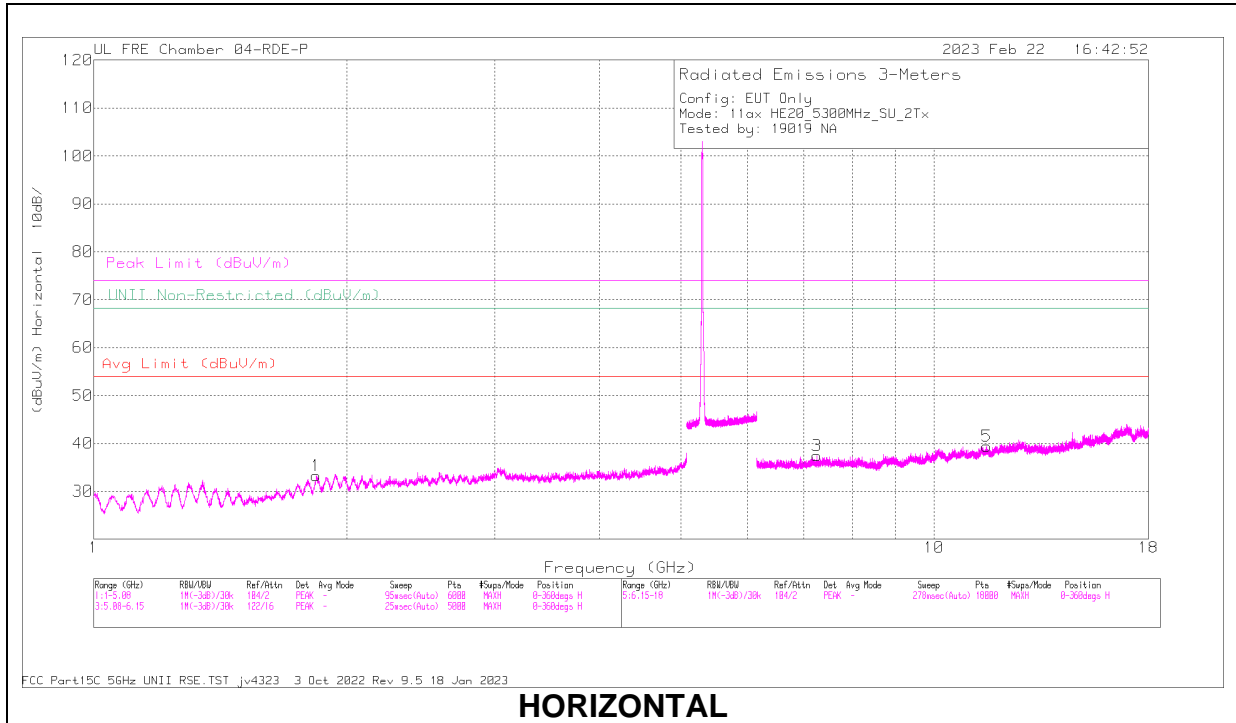


RADIATED EMISSIONS

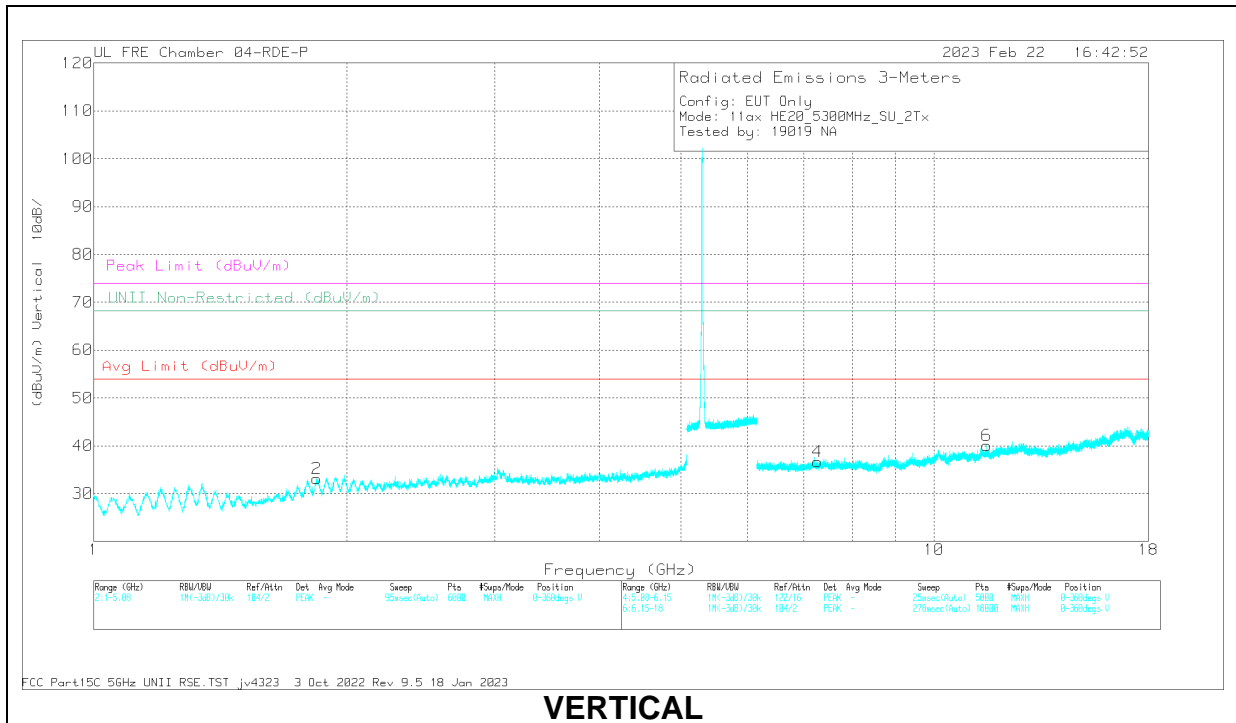
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	222740 ACF(dB) - 3mH	Gain/Loss (dB)	Corrected Reading (dBuV/m)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
2	1.739579	63.02	PK-U	29.8	-49.25	43.57	68.2	-24.63	263	247	V
1	1.740152	60.81	PK-U	29.8	-49.26	41.35	68.2	-26.85	245	162	H
4	9.273378	54.65	PK-U	36.2	-43.67	47.18	68.2	-21.02	360	193	V
3	9.274126	54.02	PK-U	36.2	-43.7	46.52	68.2	-21.68	0	277	H
5	13.065377	54.63	PK-U	38.7	-43.19	50.14	68.2	-18.06	136	328	H
6	13.066284	54.3	PK-U	38.7	-43.17	49.83	68.2	-18.37	287	222	V

PK-U - U-NII: Maximum Peak

MID CHANNEL RESULTS



HORIZONTAL



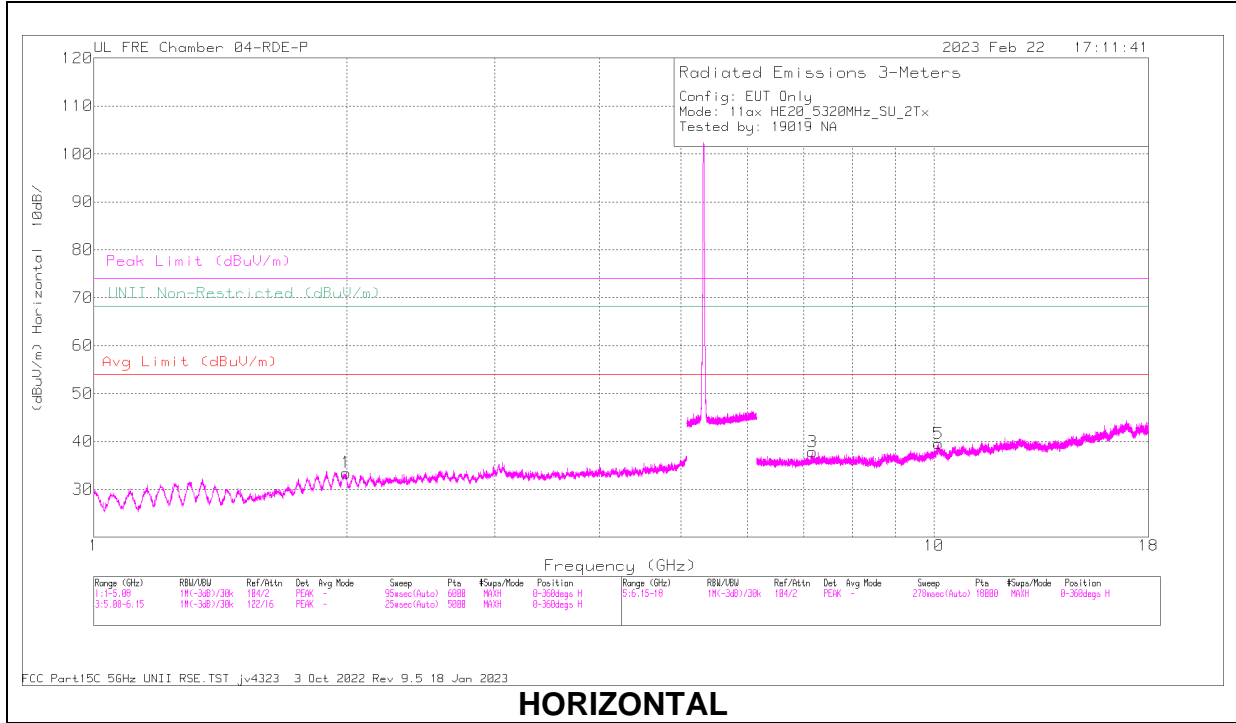
VERTICAL

RADIATED EMISSIONS

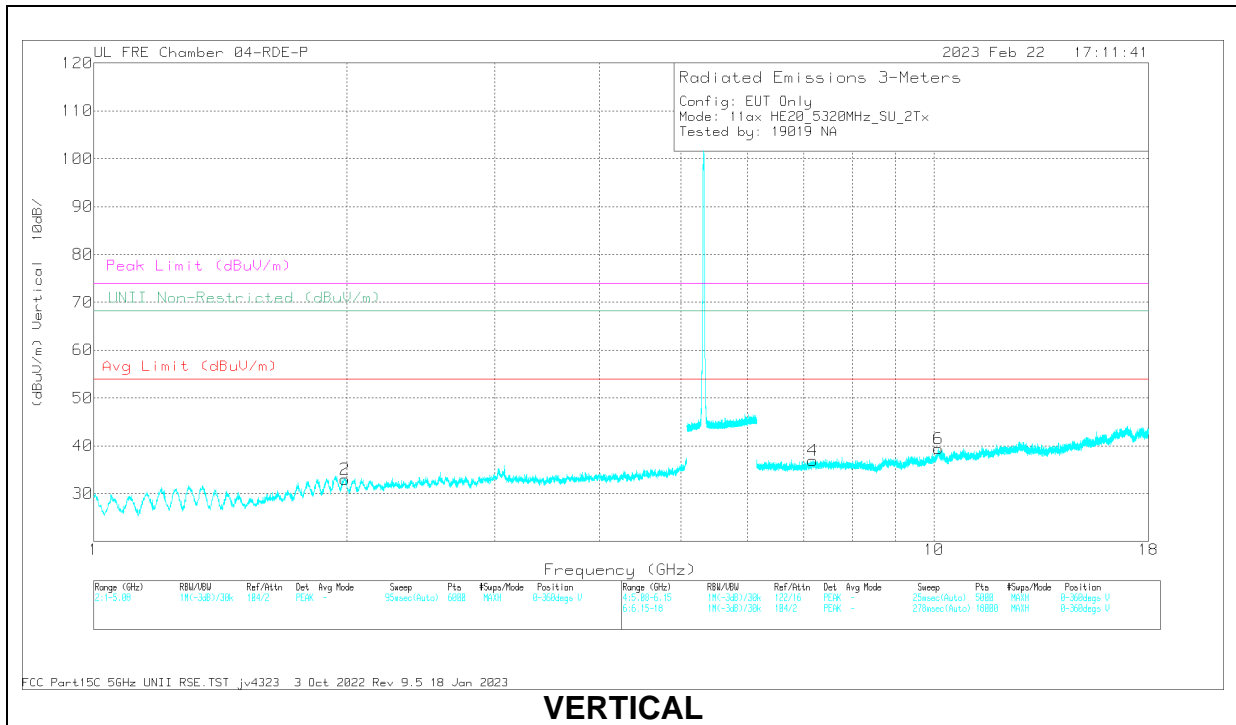
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	222740 ACF(dB) - 3mH	Gain/Loss (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	1.841166	61.26	PK-U	31	-49.12	43.14	-	-	-	-	68.2	-25.06	217	209	H
2	1.841827	61.01	PK-U	31	-49.1	42.91	-	-	-	-	68.2	-25.29	109	111	V
3	*7.254883	56.27	PK-U	35.7	-45.45	46.52	-	-	74	-27.48	-	-	216	288	H
	*7.255715	44.66	ADR	35.7	-45.46	34.9	54	-19.10	-	-	-	-	216	288	H
4	*7.264004	56.67	PK-U	35.7	-45.49	46.88	-	-	74	-27.12	-	-	210	253	V
	*7.264677	44.61	ADR	35.7	-45.48	34.83	54	-19.17	-	-	-	-	210	253	V
5	*11.555301	54.28	PK-U	38.1	-43.23	49.15	-	-	74	-24.85	-	-	291	185	H
	*11.555477	42.56	ADR	38.1	-43.23	37.43	54	-16.57	-	-	-	-	291	185	H
6	*11.563354	54.27	PK-U	38.1	-43.15	49.22	-	-	74	-24.78	-	-	270	153	V
	*11.565795	42.41	ADR	38.1	-43.15	37.36	54	-16.64	-	-	-	-	270	153	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