

TEST REPORT

Report Number: 14523771-E10V2 & E11V2

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

Model : A2849

Brand : APPLE

FCC ID : BCG-E8439A

IC : 579C-E8439A

EUT Description : SMARTPHONE

Test Standard(s) : FCC 47 CFR PART 15 SUBPART E
ISED RSS-248 ISSUE 2
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REPORT REVISION HISTORY

Rev.	Issue Date	Revisions	Revised By
V1	08/18/2023	Initial Issue	Chris Xiong
V2	08/19/2023	Addressed TCB Question typo on page 8-11	Chris Xiong

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1. RADIATED TEST RESULTS

LIMITS

FCC §15.35(b)
FCC §15.205 Restrict bands
§15.209 and FCC §15.407(b)(6) -Un-Restrict bands

RSS 248 Issue 2 section 4.6.2a

Any emissions outside of the 5.925-7.125 GHz band must not exceed an e.i.r.p. of -27dBm/MHz rms and -7dBm/MHz Peak.

General field strength limits at frequencies above 30 MHz;

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

TEST PROCEDURE

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

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

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

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

The spectrum from 30 MHz to 1GHz and 18GHz to 40 GHz is investigated with the transmitter set to transmit at the channel with highest output power as worst-case scenario. 1GHz to 18GHz was set to the lowest, middle, and highest channels in the 6 GHz bands.

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

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

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.

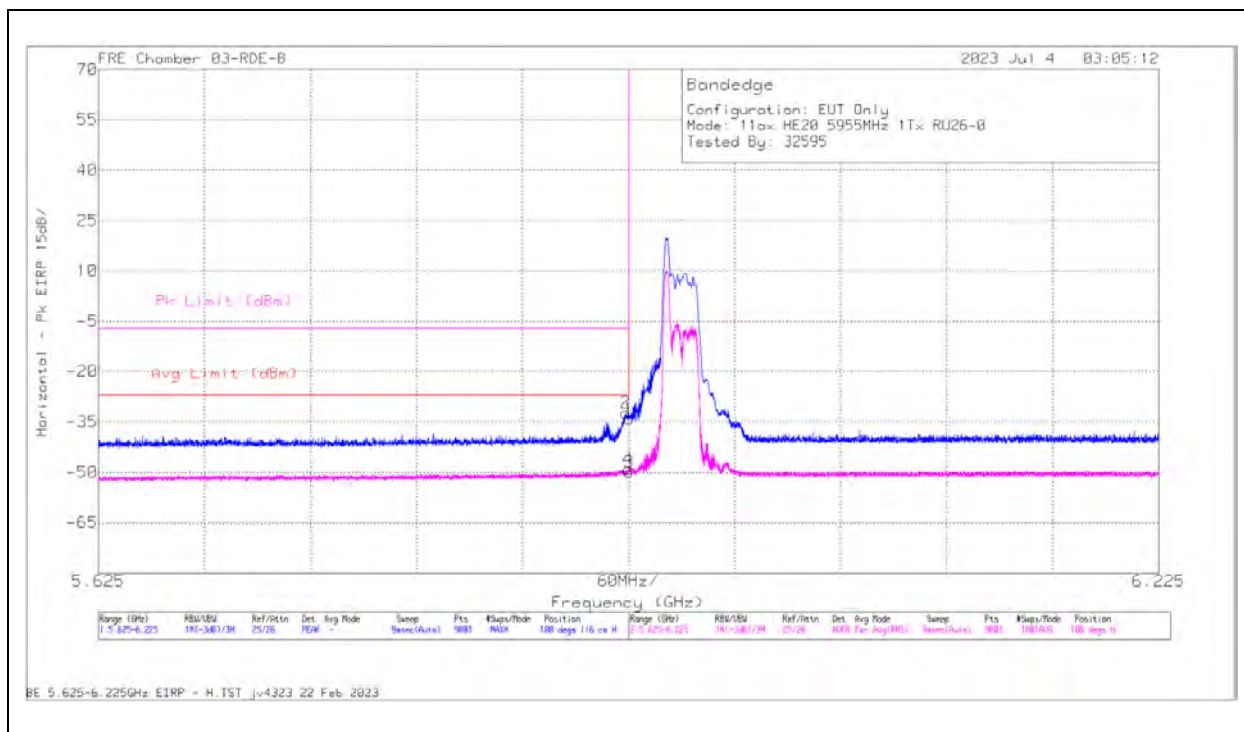
1.1. TRANSMITTER OUTSIDE 5.925-7.125 GHz, 1- 18GHz

1.1.1. 802.11ax HE20 MODE IN THE UNII-5 BAND

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

BANDEDGE (LOW CHANNEL)

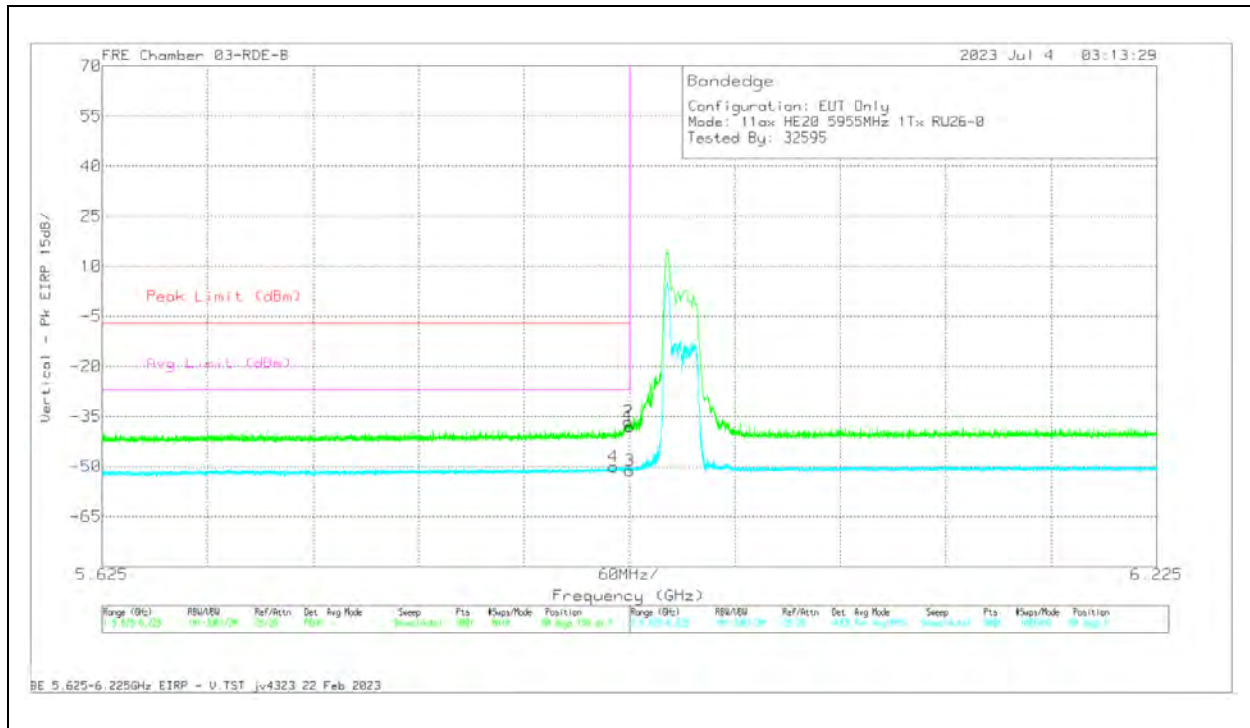
HORIZONTAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBm)	Det	230300 ACF (dB/m)	Conversion Factor (dB)	DCCF (dB)	Gain/Loss (dB)	Corrected Reading EIRP	Avg Limit (dBm)	RMS Margin (dB)	Pk Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
2	5.923201	-40.65	Pk	34.9	11.8	0	-38.28	-32.23	-	-	-7	-25.23	100	116	H
4	5.924735	-58.05	RMS	34.9	11.8	.49	-38.27	-49.13	-27	-22.13	-	-	100	116	H
1	5.925	-42.54	Pk	34.9	11.8	0	-38.3	-34.14	-	-	-7	-27.14	100	116	H
3	5.925	-58.8	RMS	34.9	11.8	.49	-38.3	-49.91	-27	-22.91	-	-	100	116	H

Pk - Peak detector
RMS - RMS detection

VERTICAL RESULT



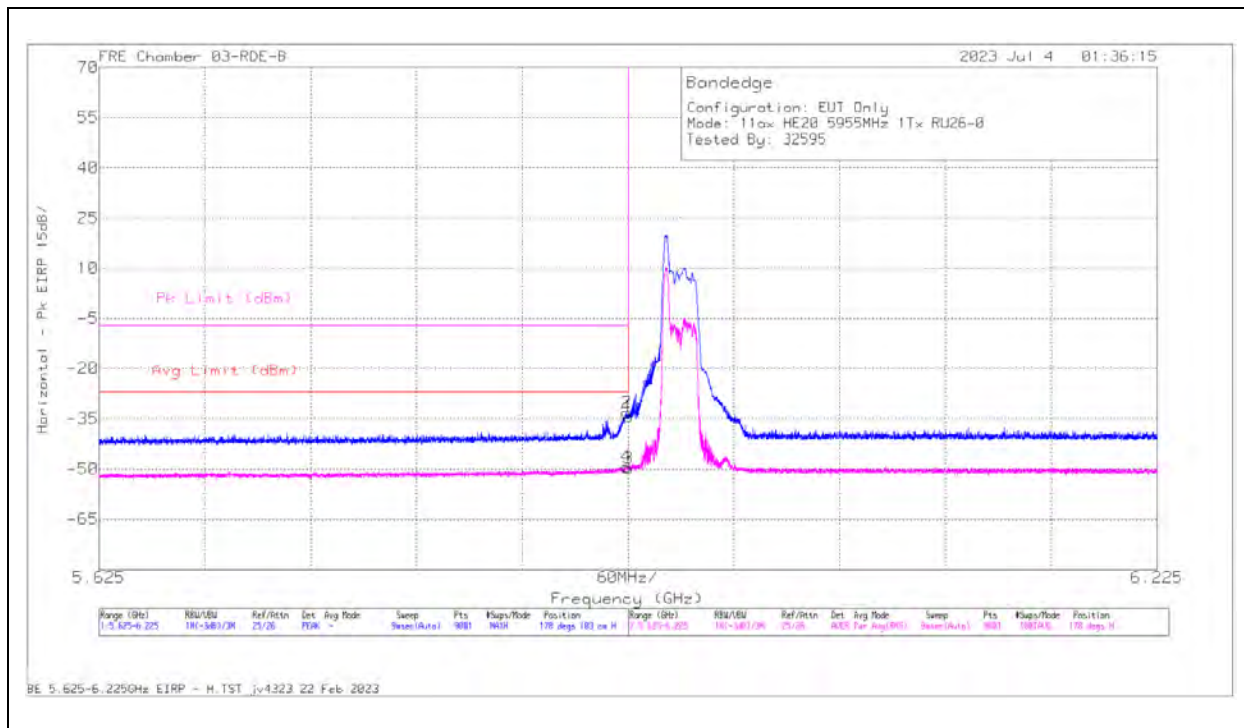
Marker	Frequency (GHz)	Meter Reading (dBm)	Det	230300 ACF (dB/m)	Conversion Factor (dB)	DCCF (dB)	Gain/Loss (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Avg Limit (dBm)	RMS Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
4	5.915935	-58.9	RMS	34.8	11.8	.49	-38.21	-50.02	-	-	-27	-23.02	80	156	V
2	5.924468	-45.02	Pk	34.9	11.8	0	-38.25	-36.57	-7	-29.57	-	-	80	156	V
1	5.925	-46.46	Pk	34.9	11.8	0	-38.3	-38.06	-7	-31.06	-	-	80	156	V
3	5.925	-60.03	RMS	34.9	11.8	.49	-38.3	-51.14	-	-	-27	-24.14	80	156	V

Pk - Peak detector
RMS - RMS detection

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

BANDEDGE (LOW CHANNEL)

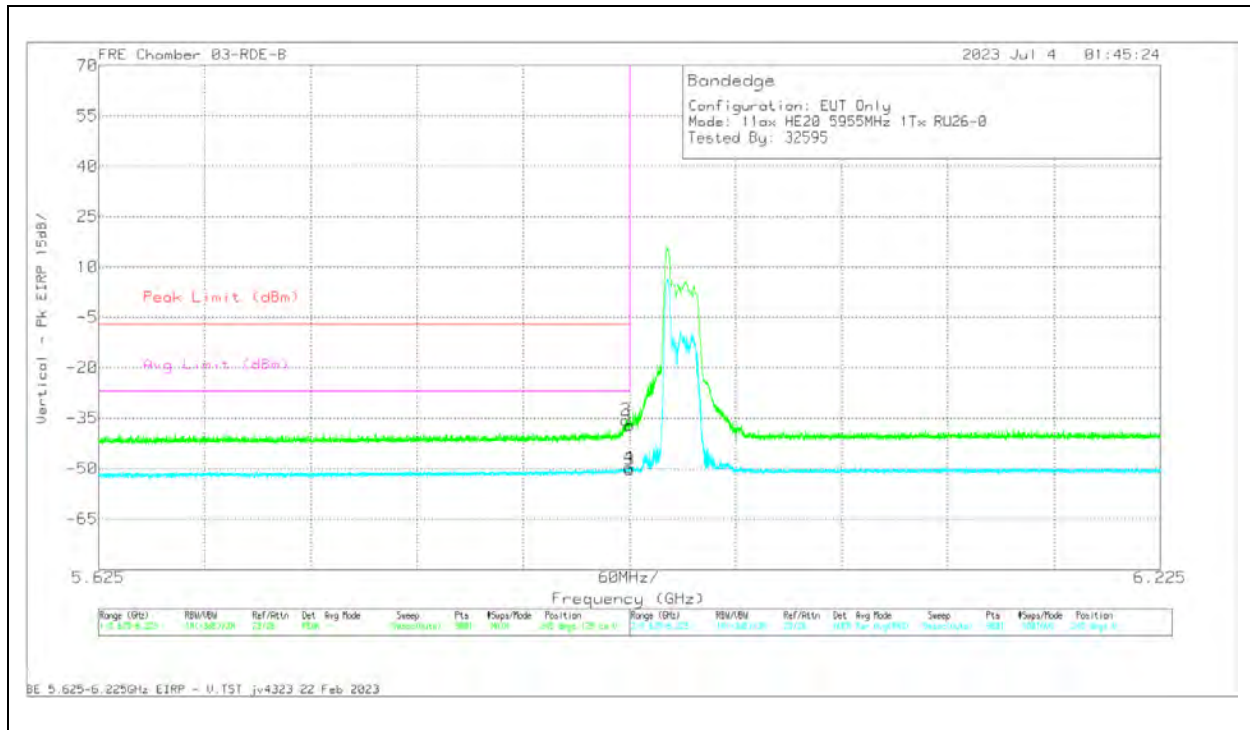
HORIZONTAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBm)	Det	230300 ACF (dB/m)	Conversion Factor (dB)	DCCF (dB)	Gain/Loss (dB)	Corrected Reading EIRP	Avg Limit (dBm)	RMS Margin (dB)	Pk Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
4	5.924068	-58.2	RMS	34.9	11.8	-49	-38.21	-49.22	-27	-22.22	-	-	178	103	H
2	5.924202	-41.59	Pk	34.9	11.8	0	-38.22	-33.11	-	-	-7	-26.11	178	103	H
1	5.925	-42.68	Pk	34.9	11.8	0	-38.3	-34.28	-	-	-7	-27.28	178	103	H
3	5.925	-58.51	RMS	34.9	11.8	-49	-38.3	-49.62	-27	-22.62	-	-	178	103	H

Pk - Peak detector
RMS - RMS detection

VERTICAL RESULT



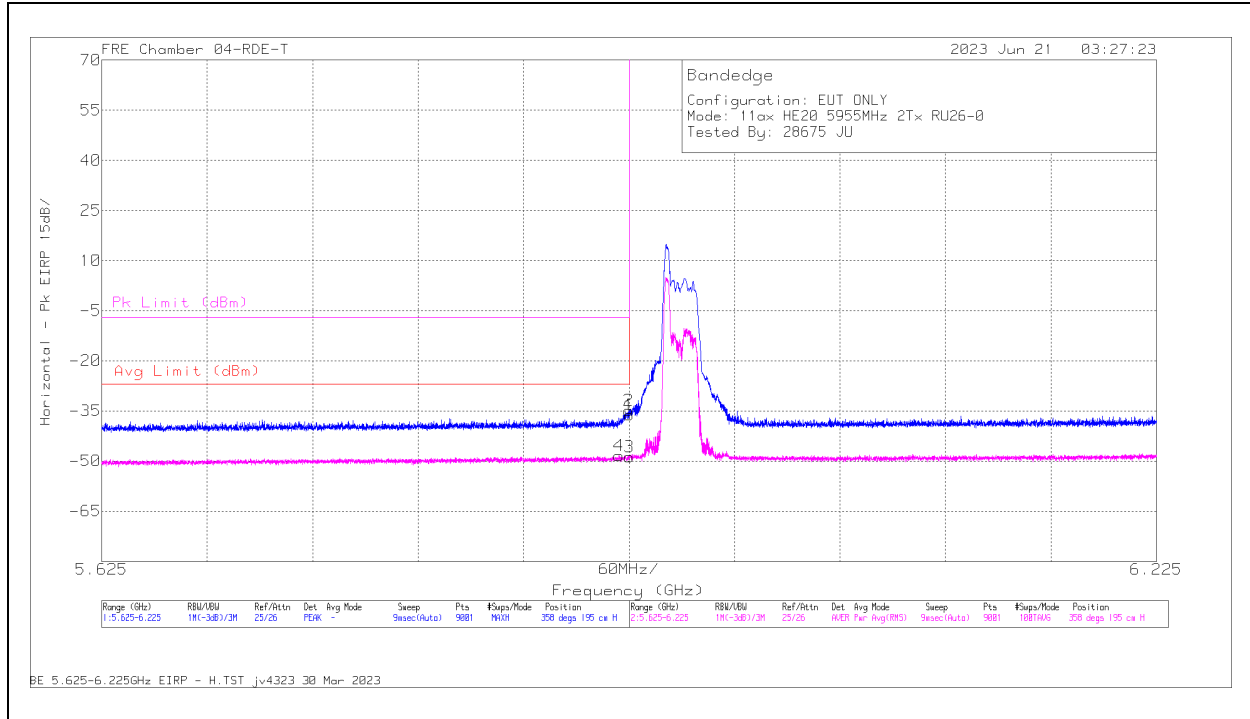
Marker	Frequency (GHz)	Meter Reading (dBm)	Det	230300 ACF (dB/m)	Conversion Factor (dB)	DCCF (dB)	Gain/Loss (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Avg Limit (dBm)	RMS Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
2	5.923135	-43.92	Pk	34.9	11.8	0	-38.29	-35.51	-7	-28.51	-	-	245	129	V
4	5.924802	-58.53	RMS	34.9	11.8	.49	-38.28	-49.62	-	-	-27	-22.62	245	129	V
1	5.925	-45.46	Pk	34.9	11.8	0	-38.3	-37.06	-7	-30.06	-	-	245	129	V
3	5.925	-59.13	RMS	34.9	11.8	.49	-38.3	-50.24	-	-	-27	-23.24	245	129	V

Pk - Peak detector
RMS - RMS detection

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

BANDEDGE (LOW CHANNEL)

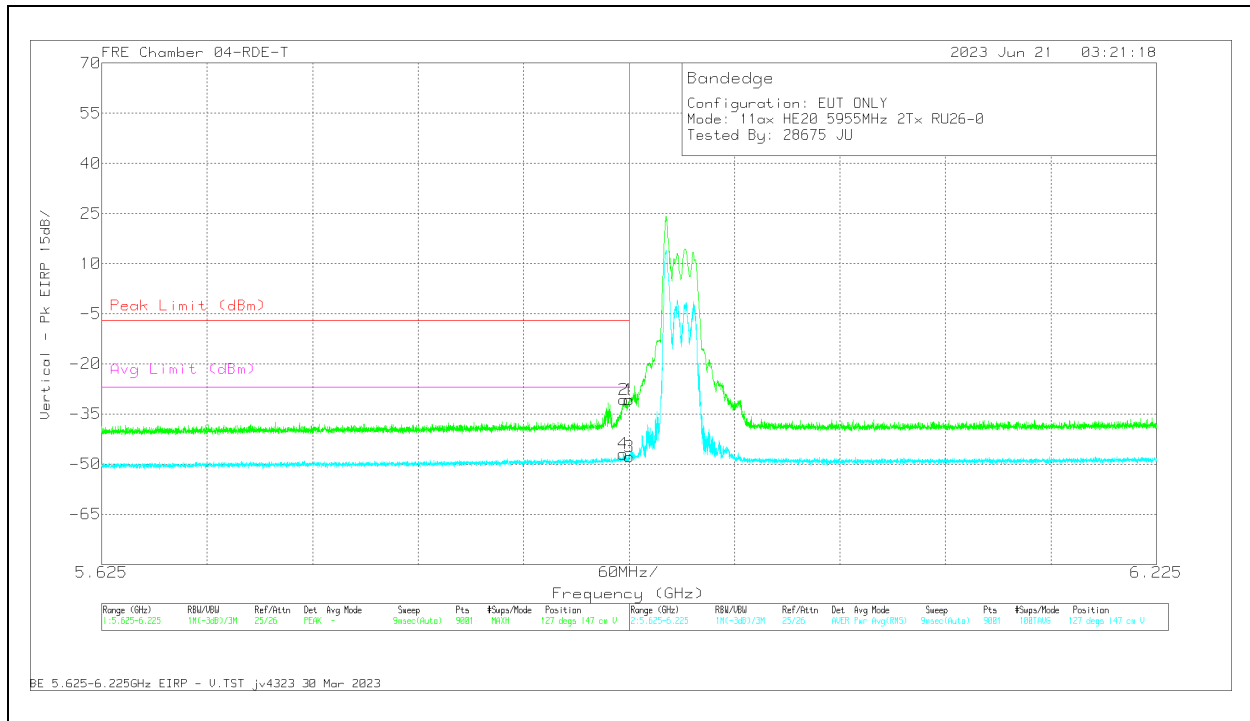
HORIZONTAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBm)	Det	226673 ACF (dB) 3mH	Conversion Factor (dB)	DCCF (dB)	Gain/Loss (dB)	Corrected Reading EIRP	Avg Limit (dBm)	RMS Margin (dB)	Pk Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
4	5.919268	-61.47	RMS	35.1	11.8	.49	-34.26	-48.34	-27	-21.34	-	-	358	195	H
2	5.924802	-47.56	Pk	35.1	11.8	0	-34.25	-34.91	-	-	-7	-27.91	358	195	H
1	5.925	-48.77	Pk	35.1	11.8	0	-34.25	-36.12	-	-	-7	-29.12	358	195	H
3	5.925	-61.89	RMS	35.1	11.8	.49	-34.25	-48.75	-27	-21.75	-	-	358	195	H

Pk - Peak detector
RMS - RMS detection

VERTICAL RESULT

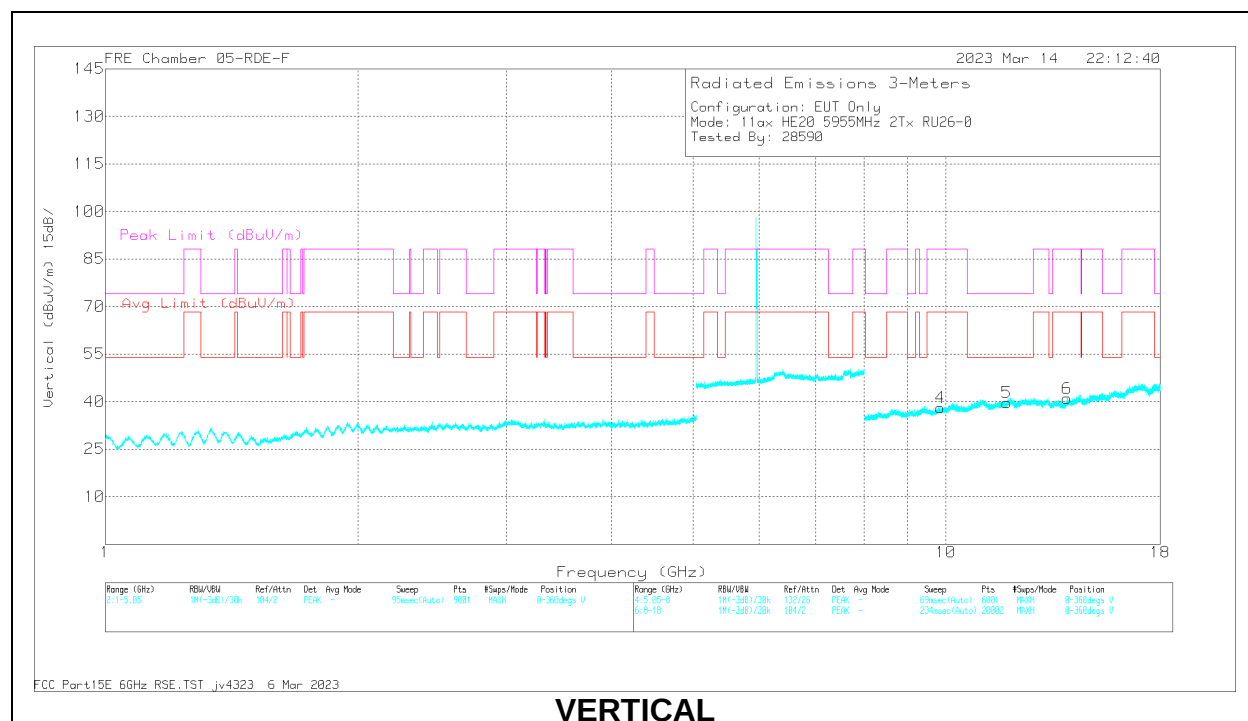
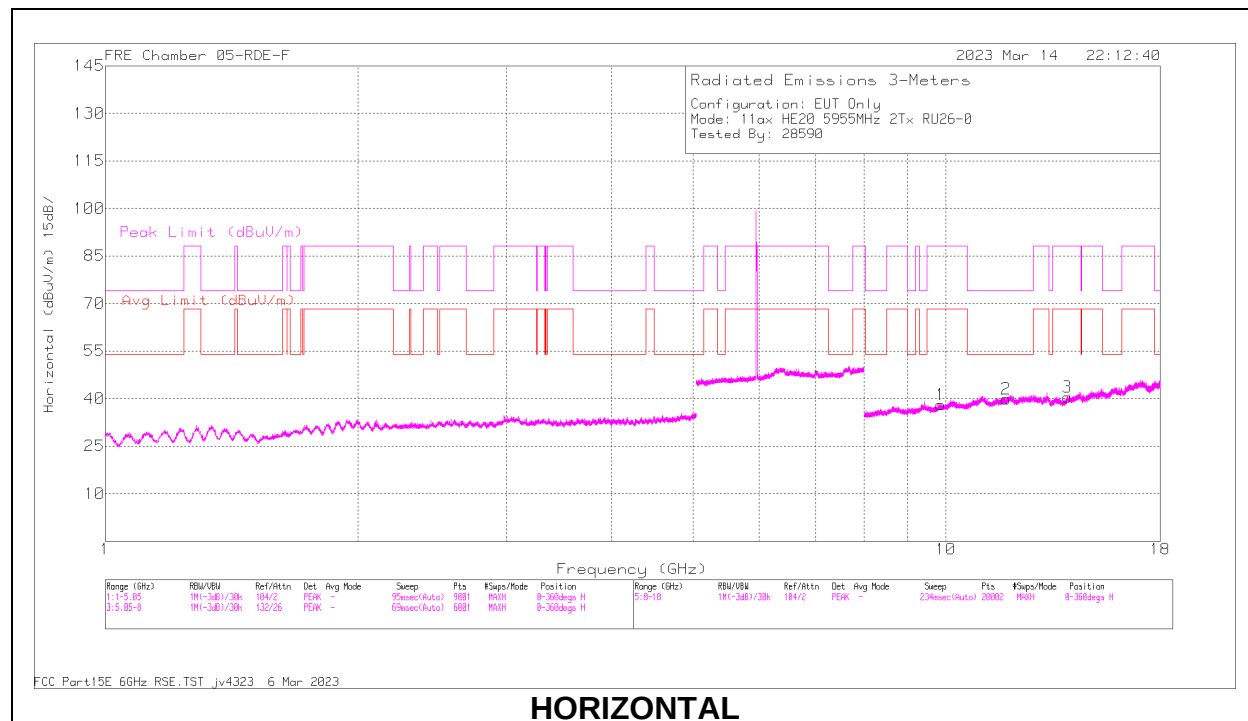


Marker	Frequency (GHz)	Meter Reading (dBm)	Det	226673 ACF (dB) 3mH	Conversion Factor (dB)	DCCF (dB)	Gain/Loss (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Avg Limit (dBm)	RMS Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
4	5.921668	-60.07	RMS	35.1	11.8	.49	-34.27	-46.95	-	-	-27	-19.95	127	147	V
2	5.921868	-43.37	Pk	35.1	11.8	0	-34.27	-30.74	-7	-23.74	-	-	127	147	V
1	5.925	-43.37	Pk	35.1	11.8	0	-34.25	-30.72	-7	-23.72	-	-	127	147	V
3	5.925	-61.02	RMS	35.1	11.8	.49	-34.25	-47.88	-	-	-27	-20.88	127	147	V

Pk - Peak detector
RMS - RMS detection

HARMONICS AND SPURIOUS EMISSIONS

LOW CHANNEL RESULTS



RADIATED EMISSIONS

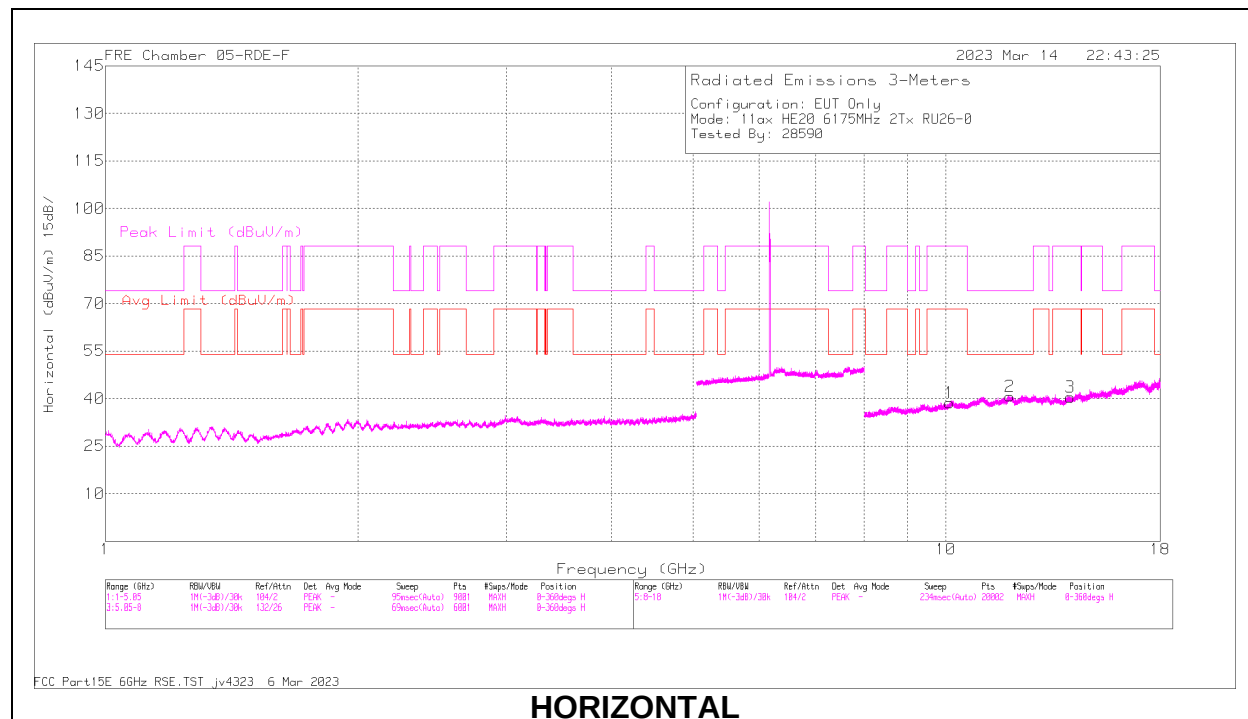
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	22740 ACF(dB) - 3mH	DCCF (dB)	Gain/Loss (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
2	* 11.79428	55.74	PK-U	38.4	0	-44.45	49.69	-	-	74	-24.31	0	199	H
	* 11.79557	43.89	ADR	38.4	0	-44.45	37.84	54	-16.16	-	-	0	199	H
5	* 11.81547	55.48	PK-U	38.4	0	-44.39	49.49	-	-	74	-24.51	0	199	V
	* 11.81596	43.75	ADR	38.4	0	-44.4	37.75	54	-16.25	-	-	0	199	V
4	9.85151	57.44	PK-U	36.8	0	-46.33	47.91	-	-	88.2	-40.29	0	101	V
	9.853572	45.53	ADR	36.8	0	-46.41	35.92	68.2	-32.28	-	-	0	101	V
1	9.860418	57.21	PK-U	36.9	0	-46.3	47.81	-	-	88.2	-40.39	0	101	H
	9.85773	45.45	ADR	36.9	0	-46.38	35.97	68.2	-32.23	-	-	0	101	H
6	13.946069	56.34	PK-U	38.6	0	-44.6	50.34	-	-	88.2	-37.86	0	199	V
	13.94865	44.13	ADR	38.6	0	-44.64	38.09	68.2	-30.11	-	-	0	199	V
3	13.952888	56.23	PK-U	38.6	0	-44.66	50.17	-	-	88.2	-38.03	0	199	H
	13.951104	44.19	ADR	38.6	0	-44.65	38.14	68.2	-30.06	-	-	0	199	H

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

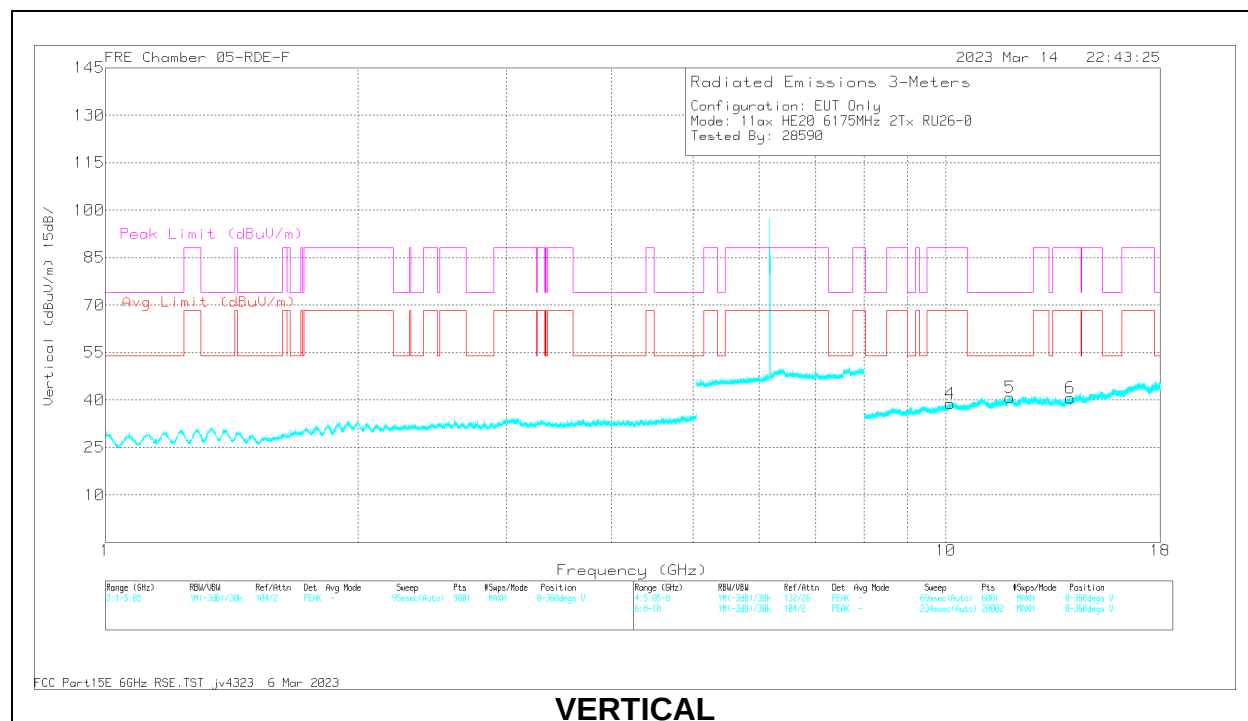
PK-U - U-NII: Maximum Peak

ADR - U-NII AD primary method, RMS average

MID CHANNEL RESULTS



HORIZONTAL



VERTICAL

RADIATED EMISSIONS

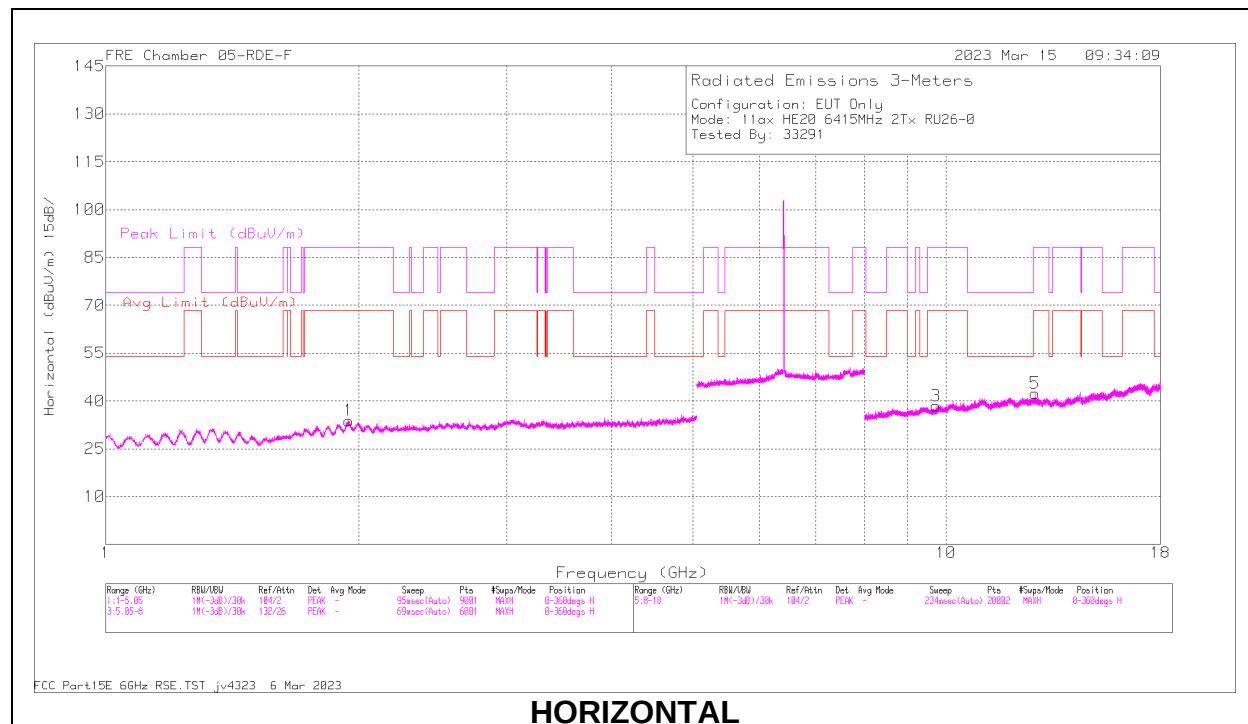
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	222740 ACF(dB) - 3mH	DCCF (dB)	Gain/Loss (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
2	* 11.91615	54.4	PK-U	38.5	0	-43.63	49.27	-	-	74	-24.73	0	101	H
	* 11.91541	42.69	ADR	38.5	0	-43.64	37.55	54	-16.45	-	-	0	101	H
5	* 11.92308	54.39	PK-U	38.5	0	-43.76	49.13	-	-	74	-24.87	0	199	V
	* 11.92416	42.72	ADR	38.5	0	-43.79	37.43	54	-16.57	-	-	0	199	V
1	10.108024	57.26	PK-U	37.1	0	-46.36	48	-	-	88.2	-40.2	0	101	H
	10.108378	45.81	ADR	37.1	0	-46.34	36.57	68.2	-31.63	-	-	0	101	H
4	10.11903	58.04	PK-U	37.2	0	-46.51	48.73	-	-	88.2	-39.47	0	101	V
	10.119216	45.91	ADR	37.2	0	-46.5	36.61	68.2	-31.59	-	-	0	101	V
3	14.052375	55.49	PK-U	38.7	0	-44.24	49.95	-	-	88.2	-38.25	0	199	H
	14.051345	44.16	ADR	38.7	0	-44.21	38.65	68.2	-29.55	-	-	0	199	H
6	14.068581	55.85	PK-U	38.7	0	-44.66	49.89	-	-	88.2	-38.31	0	199	V
	14.065796	44.21	ADR	38.7	0	-44.6	38.31	68.2	-29.89	-	-	0	199	V

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

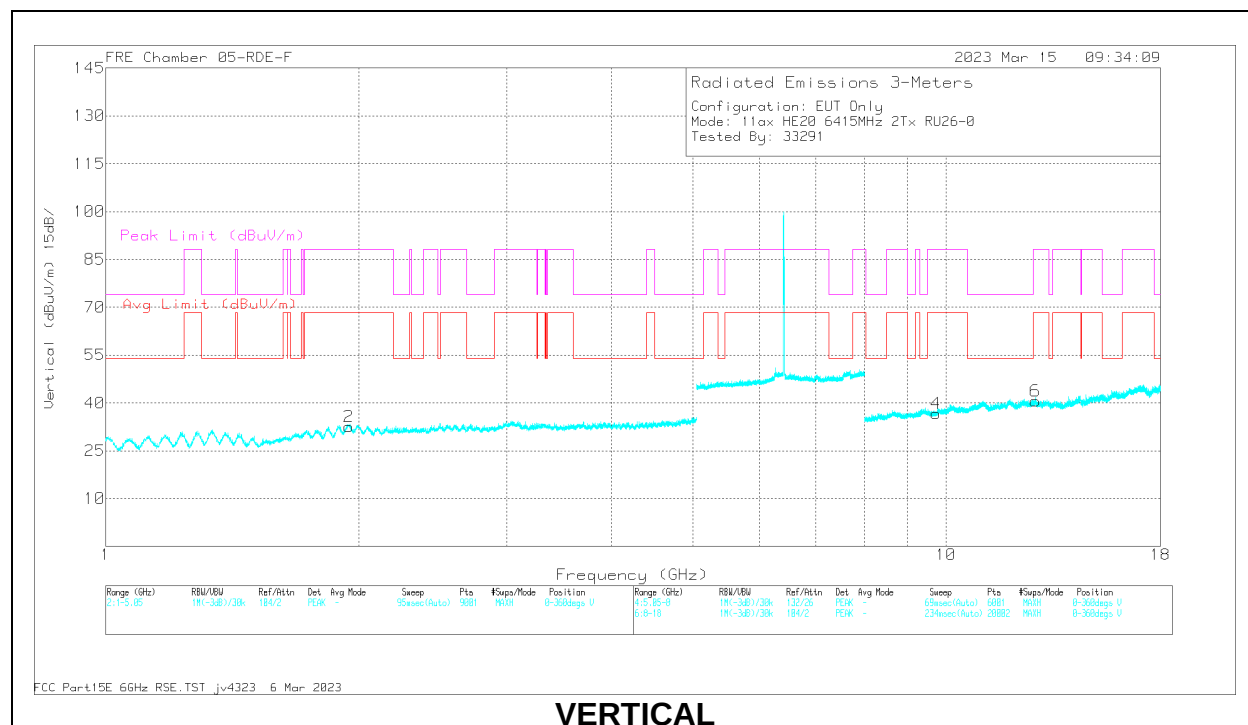
PK-U - U-NII: Maximum Peak

ADR - U-NII AD primary method, RMS average

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)	Azimuth (Degs)	Height (cm)	Polarity
1	1.946093	62.39	PK-U	31.5	0	-50.49	43.4	-	-	88.2	-44.8	5	178	H
	1.94358	50.93	ADR	31.5	0	-50.43	32	68.2	-36.2	-	-	5	178	H
2	1.946737	62.48	PK-U	31.5	0	-50.54	43.44	-	-	88.2	-44.76	283	338	V
	1.949471	50.71	ADR	31.5	0	-50.53	31.68	68.2	-36.52	-	-	283	338	V
4	9.724032	56.38	PK-U	36.7	0	-46.48	46.6	-	-	88.2	-41.6	19	253	V
	9.724296	44.94	ADR	36.7	0	-46.49	35.15	68.2	-33.05	-	-	19	253	V
3	9.724276	56.3	PK-U	36.7	0	-46.49	46.51	-	-	88.2	-41.69	148	364	H
	9.724324	44.93	ADR	36.7	0	-46.49	35.14	68.2	-33.06	-	-	148	364	H
5	12.773533	54.65	PK-U	39	0	-43.39	50.26	-	-	88.2	-37.94	78	363	H
	12.773606	42.96	ADR	39	0	-43.39	38.57	68.2	-29.63	-	-	78	363	H
6	12.776794	54.55	PK-U	39	0	-43.32	50.23	-	-	88.2	-37.97	79	290	V
	12.775768	43.2	ADR	39	0	-43.35	38.85	68.2	-29.35	-	-	79	290	V

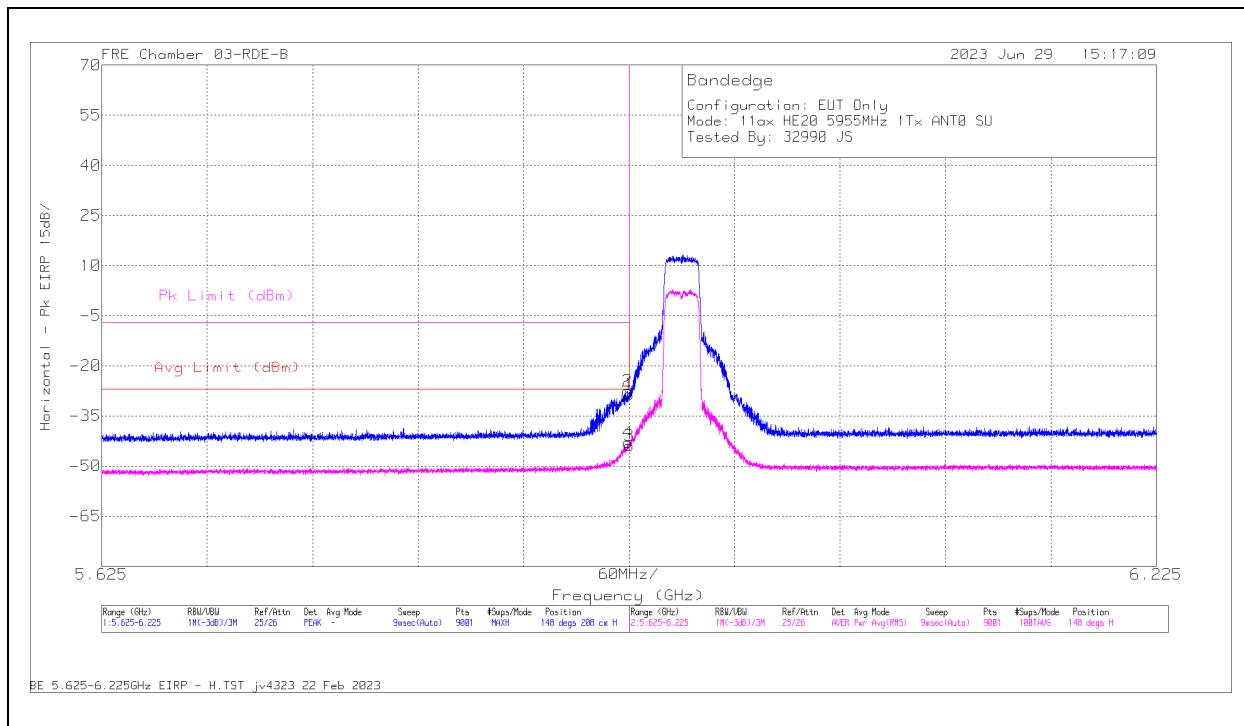
PK-U - U-NII: Maximum Peak

ADR - U-NII AD primary method, RMS average

1TX Antenna 6 MODE: SU, Single User

BANDEDGE (LOW CHANNEL)

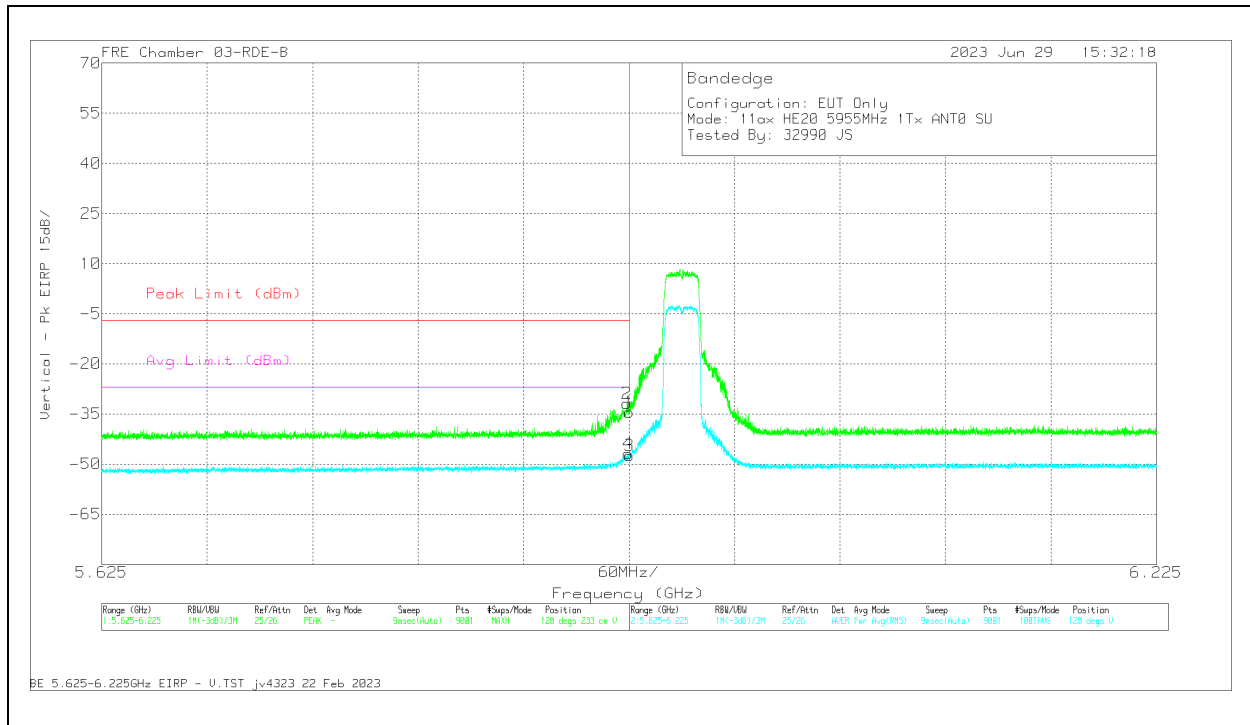
HORIZONTAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBm)	Det	230300 ACF (dB/m)	Conversion Factor (dB)	DCCF (dB)	Gain/Loss (dB)	Corrected Reading EIRP	Avg Limit (dBm)	RMS Margin (dB)	Pk Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
2	5.924068	-35.95	Pk	34.9	11.8	0	-38.21	-27.46	-	-	-7	-20.46	148	208	H
4	5.924268	-51.99	RMS	34.9	11.8	.56	-38.23	-42.96	-27	-15.96	-	-	148	208	H
1	5.925	-36.81	Pk	34.9	11.8	0	-38.3	-28.41	-	-	-7	-21.41	148	208	H
3	5.925	-52.83	RMS	34.9	11.8	.56	-38.3	-43.87	-27	-16.87	-	-	148	208	H

Pk - Peak detector
RMS - RMS detection

VERTICAL RESULT



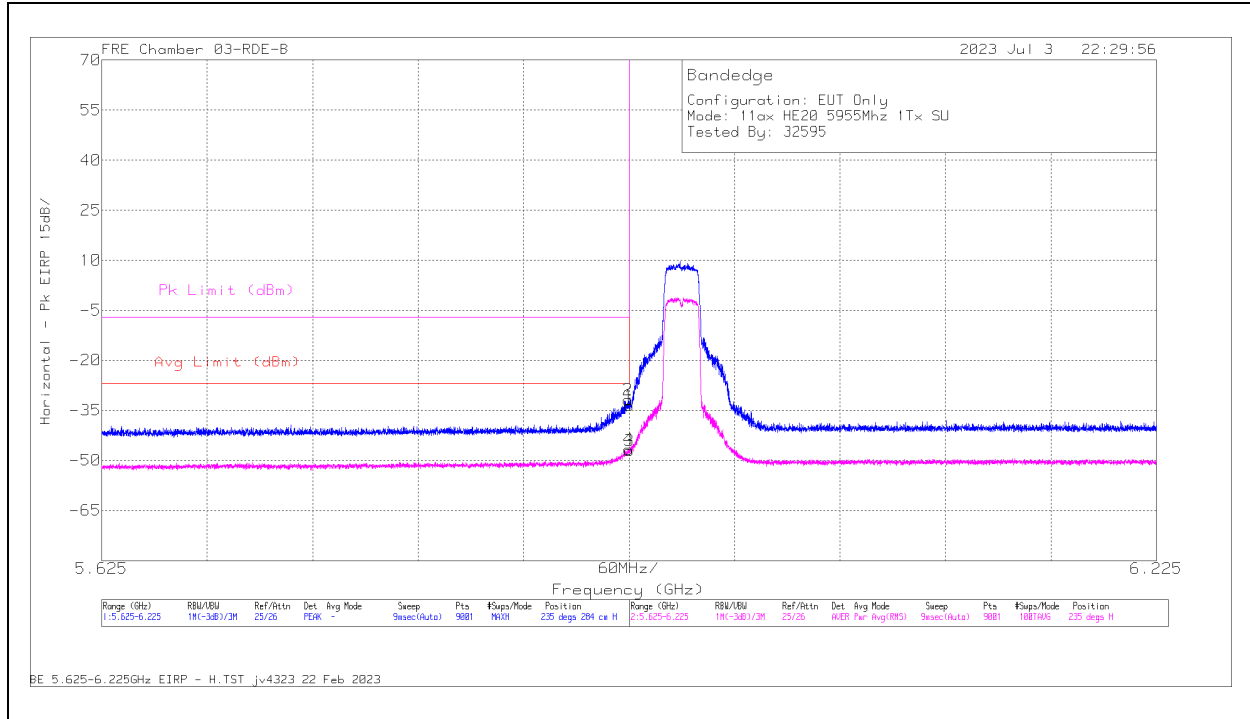
Marker	Frequency (GHz)	Meter Reading (dBm)	Det	230300 ACF (dB/m)	Conversion Factor (dB)	DCCF (dB)	Gain/Loss (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Avg Limit (dBm)	RMS Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
2	5.923735	-40.24	PK	34.9	11.8	0	-38.23	-31.77	-7	-24.77	-	-	128	233	V
4	5.924602	-55.86	RMS	34.9	11.8	.56	-38.26	-46.86	-	-	-27	-19.86	128	233	V
1	5.925	-42.85	PK	34.9	11.8	0	-38.3	-34.45	-7	-27.45	-	-	128	233	V
3	5.925	-56.4	RMS	34.9	11.8	.56	-38.3	-47.44	-	-	-27	-20.44	128	233	V

Pk - Peak detector
RMS - RMS detection

1TX Antenna 5 MODE: SU, Single User

BANDEDGE (LOW CHANNEL)

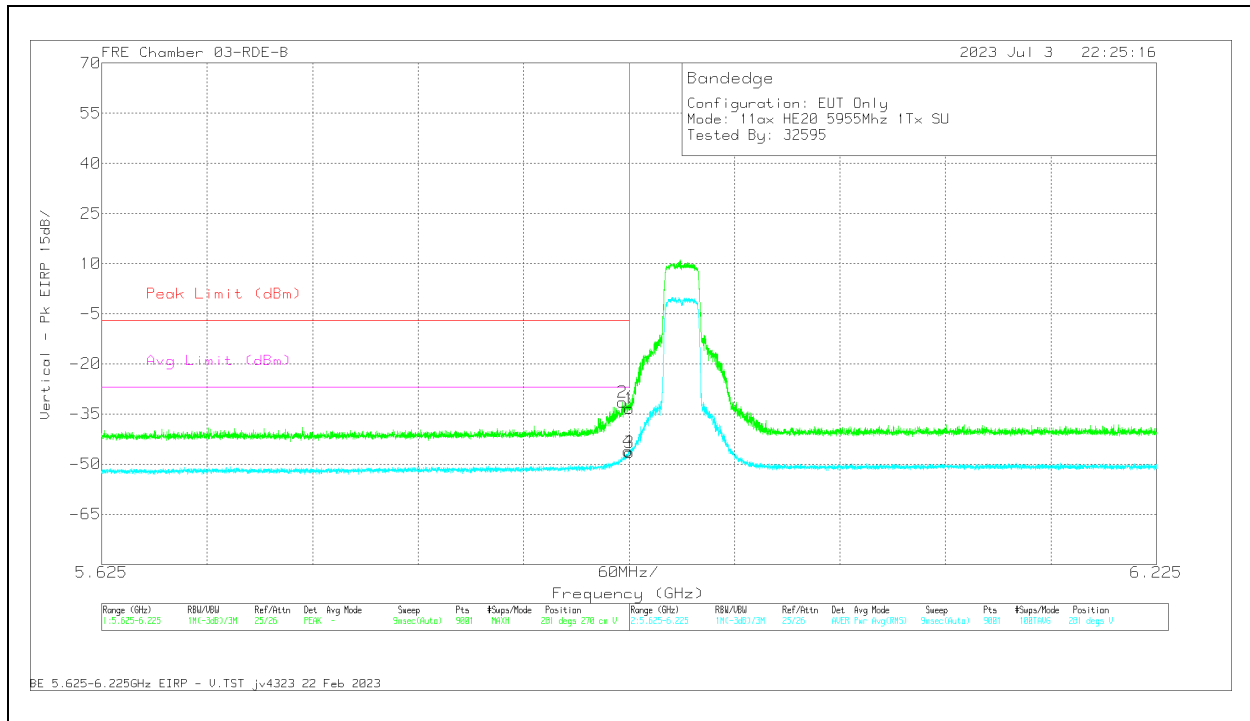
HORIZONTAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBm)	Det	230300 ACF (dB/m)	Conversion Factor (dB)	DCCF (dB)	Gain/Loss (dB)	Corrected Reading EIRP	Avg Limit (dBm)	RMS Margin (dB)	Pk Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
2	5.924602	-40.35	Pk	34.9	11.8	0	-38.26	-31.91	-	-	-7	-24.91	235	284	H
4	5.924868	-55.71	RMS	34.9	11.8	56	-38.29	-46.74	-27	-19.74	-	-	235	284	H
1	5.925	-41.88	Pk	34.9	11.8	0	-38.3	-33.48	-	-	-7	-26.48	235	284	H
3	5.925	-56.06	RMS	34.9	11.8	56	-38.3	-47.10	-27	-20.10	-	-	235	284	H

PK - Peak detector
RMS - RMS detection

VERTICAL RESULT



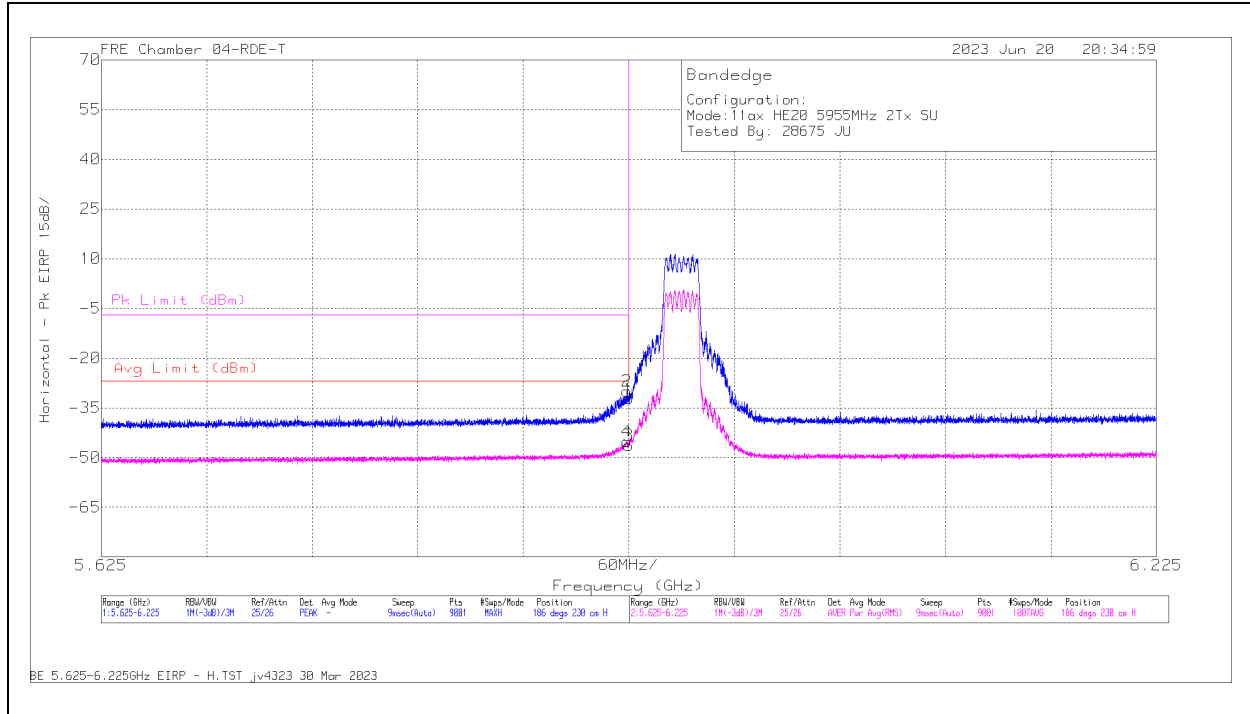
Marker	Frequency (GHz)	Meter Reading (dBm)	Det	230300 ACF (dB/m)	Conversion Factor (dB)	DCCF (dB)	Gain/Loss (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Avg Limit (dBm)	RMS Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
2	5.921068	-39.9	PK	34.9	11.8	0	-38.21	-31.41	-7	-24.41	-	-	281	270	V
4	5.924535	-55.25	RMS	34.9	11.8	.56	-38.25	-46.24	-	-	-27	-19.24	281	270	V
1	5.925	-41.81	PK	34.9	11.8	0	-38.3	-33.41	-7	-26.41	-	-	281	270	V
3	5.925	-55.5	RMS	34.9	11.8	.56	-38.3	-46.54	-	-	-27	-19.54	281	270	V

PK - Peak detector
RMS - RMS detection

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

BANDEDGE (LOW CHANNEL)

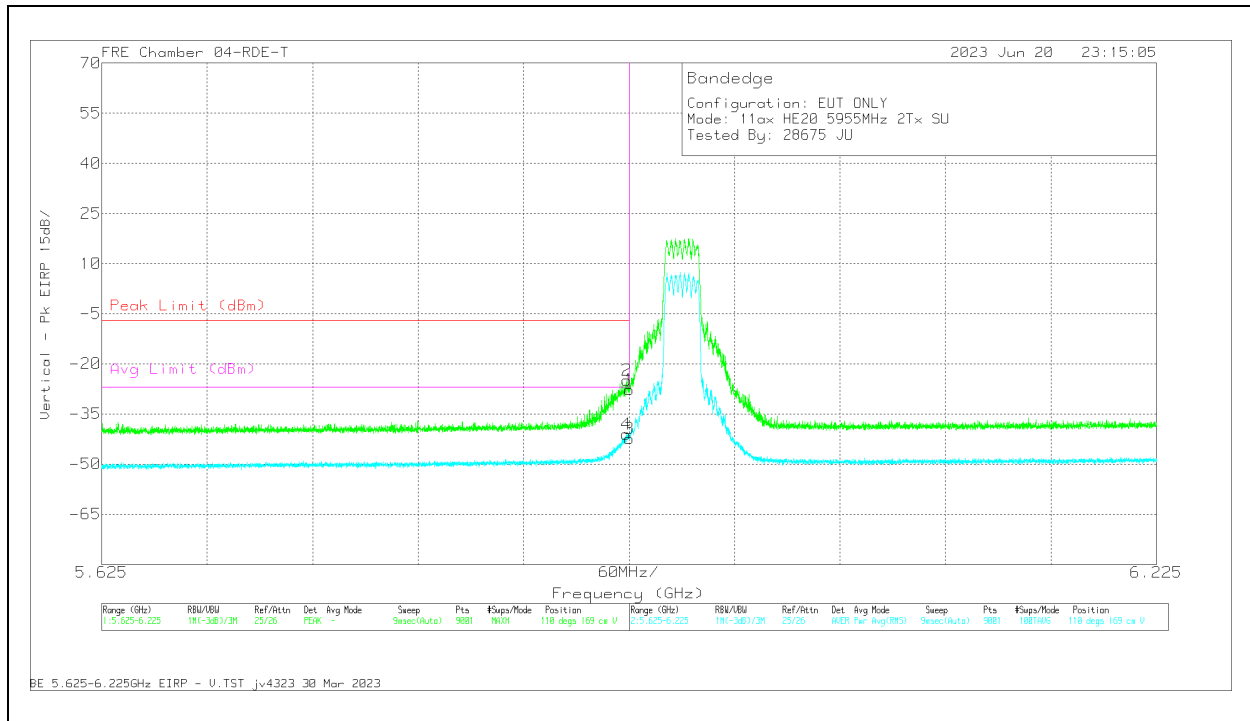
HORIZONTAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBm)	Det	226673 ACF (dB) 3mH	Conversion Factor (dB)	DCCF (dB)	Gain/Loss (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Avg Limit (dBm)	RMS Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
4	5.923968	-57.93	RMS	35.1	11.8	.56	-34.27	-44.74	-27	-17.74	-	-	186	230	H
2	5.923935	-42.62	PK	35.1	11.8	0	-34.27	-29.99	-	-	-7	-22.99	186	230	H
1	5.925	-44.97	PK	35.1	11.8	0	-34.25	-32.32	-	-	-7	-25.32	186	230	H
3	5.925	-59.06	RMS	35.1	11.8	.56	-34.25	-45.85	-27	-18.85	-	-	186	230	H

PK - Peak detector
RMS - RMS detection

VERTICAL RESULT

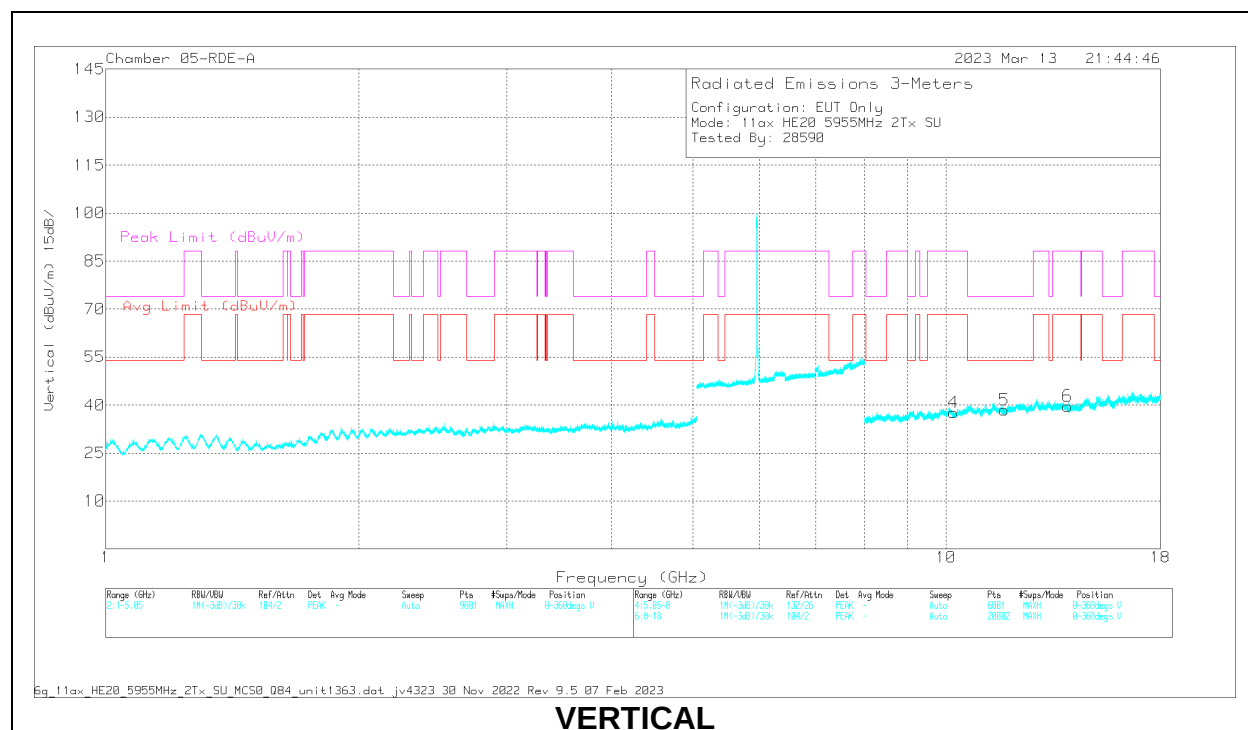
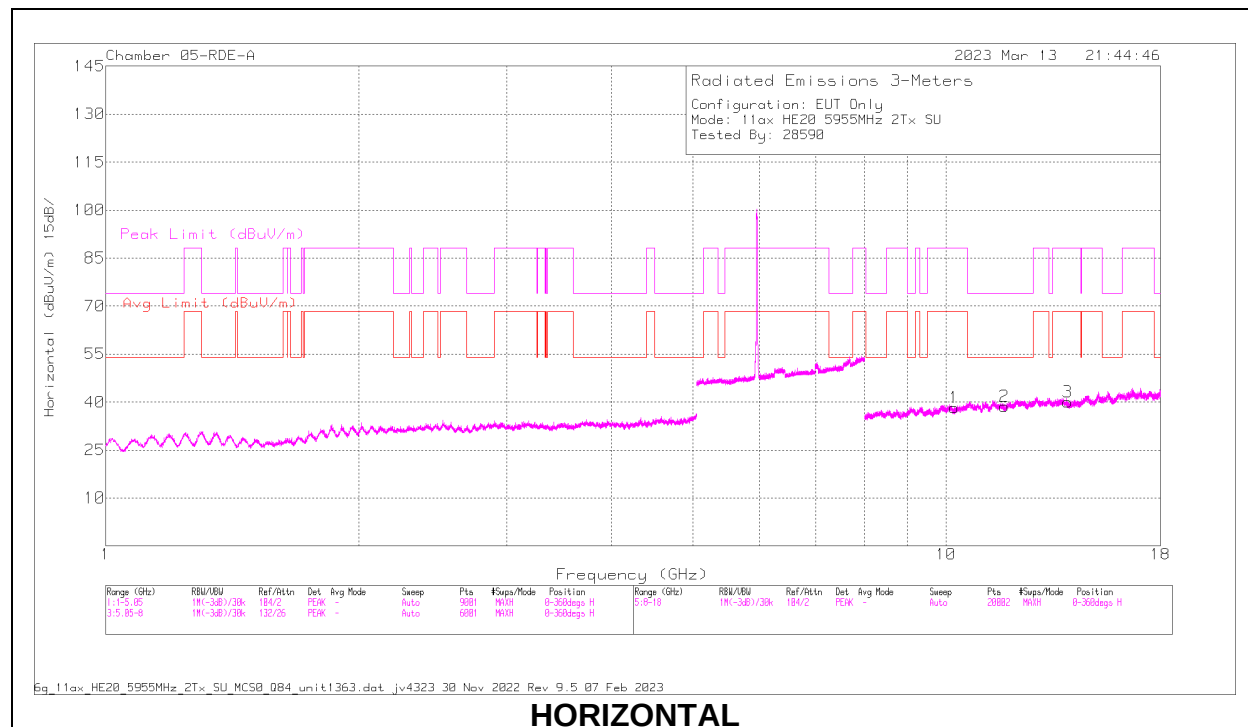


Marker	Frequency (GHz)	Meter Reading (dBm)	Det	226673 ACF (dB) 3mH	Conversion Factor (dB)	DCCF (dB)	Gain/Loss (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Avg Limit (dBm)	RMS Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
4	5.923535	-53.82	RMS	35.1	11.8	.56	-34.27	-40.63	-	-	-27	-13.63	110	169	V
2	5.923968	-37.5	Pk	35.1	11.8	0	-34.27	-24.87	-7	-17.87	-27	-	110	169	V
1	5.925	-40.41	Pk	35.1	11.8	0	-34.25	-27.76	-7	-20.76	-	-	110	169	V
3	5.925	-55.15	RMS	35.1	11.8	.56	-34.25	-41.94	-	-	-27	-14.94	110	169	V

Pk - Peak detector
RMS - RMS detection

HARMONICS AND SPURIOUS EMISSIONS

LOW CHANNEL RESULTS



RADIATED EMISSIONS

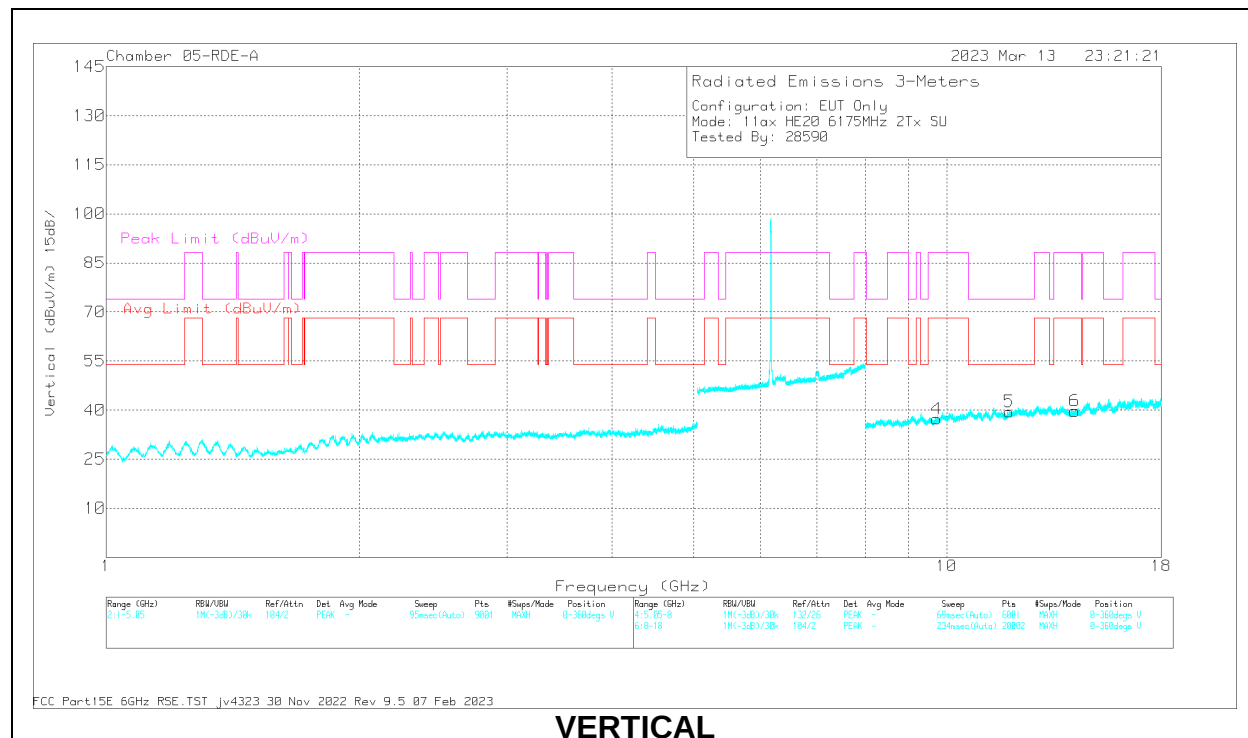
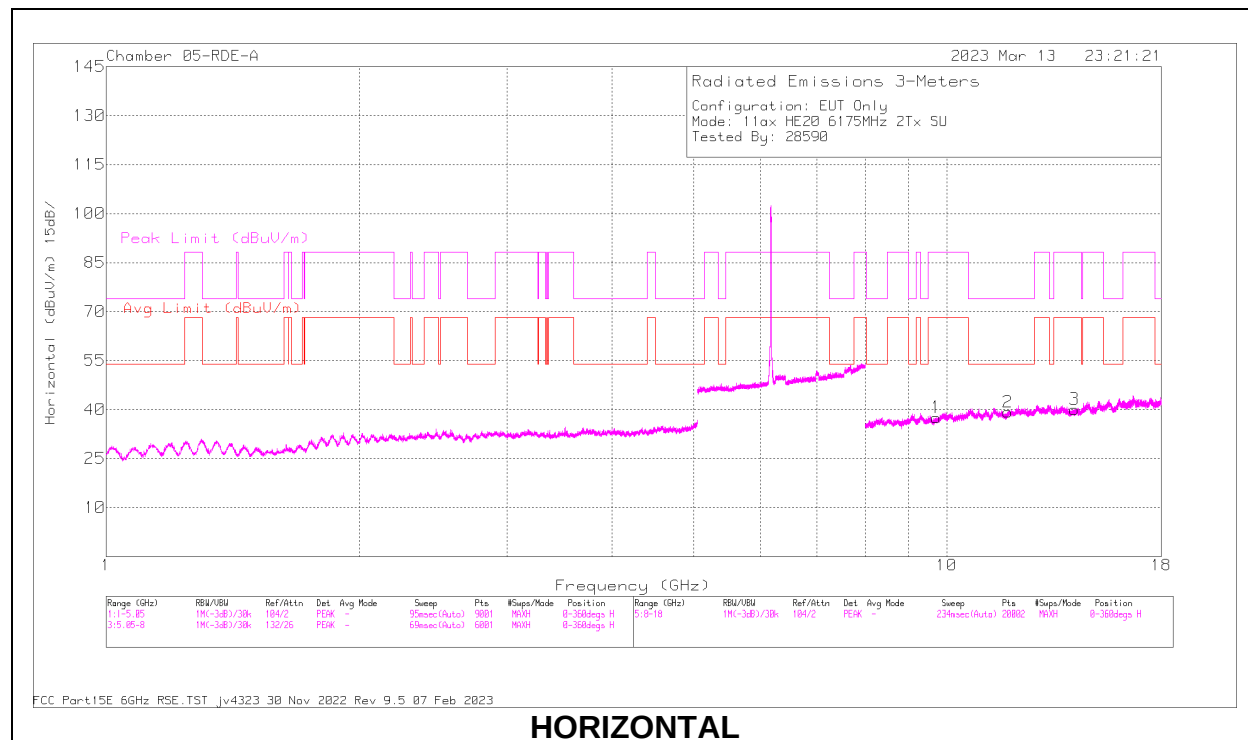
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	206805 ACF (dB) - 3mH	DCCF (dB)	Gain/Loss (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
2	*11.741738	53.76	PK-U	38.5	0	-43.42	48.84	-	-	74	-25.16	360	199	H
	*11.740811	42.23	ADR	38.5	0	-43.41	37.32	54	-16.68	-	-	360	199	H
5	*11.742968	54.04	PK-U	38.5	0	-43.44	49.10	-	-	74	-24.90	360	199	V
	*11.745111	42.17	ADR	38.6	0	-43.46	37.31	54	-16.69	-	-	360	199	V
4	10.214673	52.12	PK-U	37.5	0	-42.09	47.53	-	-	88.2	-40.67	360	199	V
	10.214401	40.78	ADR	37.5	0	-42.09	36.19	68.2	-32.01	-	-	360	199	V
1	10.227343	52.81	PK-U	37.4	0	-42.25	47.96	-	-	88.2	-40.24	360	101	H
	10.227019	40.82	ADR	37.4	0	-42.24	35.98	68.2	-32.22	-	-	360	101	H
6	13.954635	54.26	PK-U	38.8	0	-42.92	50.14	-	-	88.2	-38.06	360	199	V
	13.954331	41.94	ADR	38.8	0	-42.92	37.82	68.2	-30.38	-	-	360	199	V
3	13.963446	53.32	PK-U	38.8	0	-42.78	49.34	-	-	88.2	-38.86	360	101	H
	13.963523	41.88	ADR	38.8	0	-42.79	37.89	68.2	-30.31	-	-	360	101	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

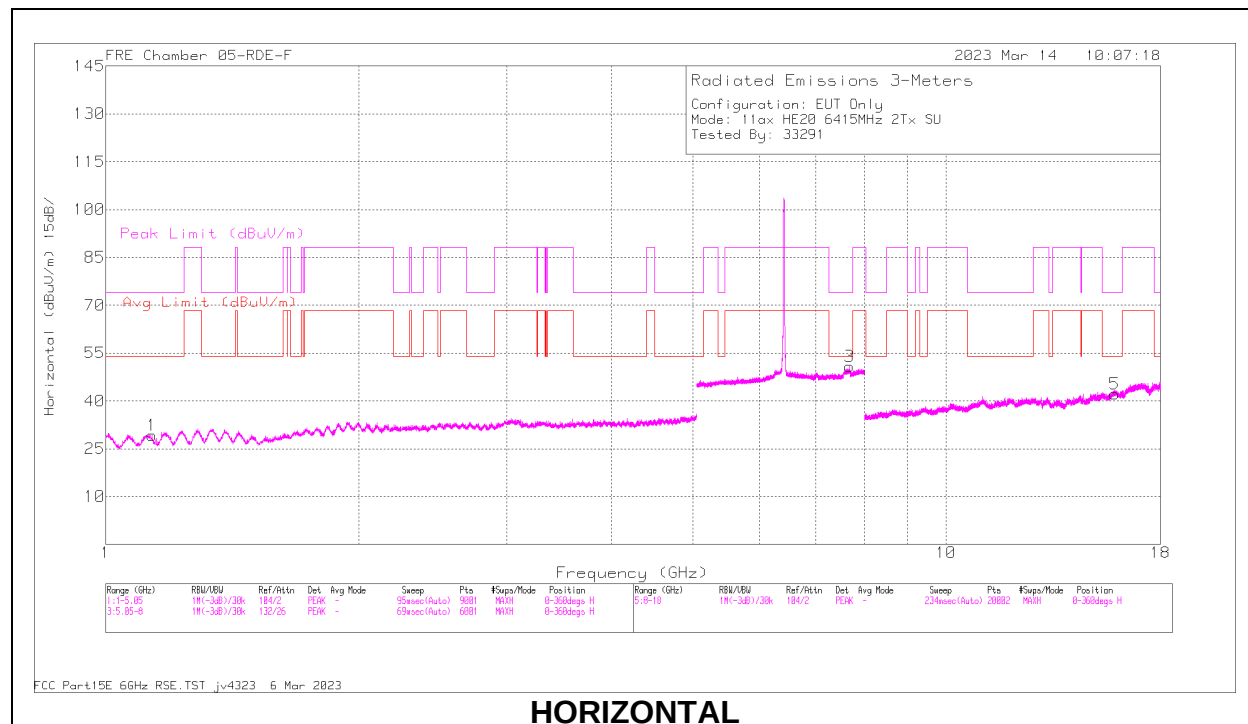
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	206805 ACF (dB) - 3mH	DCCF (dB)	Gain/Loss (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
2	*11.832316	54.17	PK-U	38.6	0	-42.96	49.81	-	-	74	-24.19	2	101	H
	*11.832426	42	ADR	38.6	0	-42.96	37.64	54	-16.36	-	-	2	101	H
5	*11.862519	53.19	PK-U	38.7	0	-42.87	49.02	-	-	74	-24.98	2	200	V
	*11.859998	41.92	ADR	38.7	0	-42.91	37.71	54	-16.29	-	-	2	200	V
1	9.720437	52.83	PK-U	36.9	0	-42.35	47.38	-	-	88.2	-40.82	2	101	H
	9.720282	41.74	ADR	36.9	0	-42.35	36.29	68.2	-31.91	-	-	2	101	H
4	9.726198	52.65	PK-U	36.9	0	-42.41	47.14	-	-	88.2	-41.06	2	200	V
	9.723522	41.25	ADR	36.9	0	-42.36	35.79	68.2	-32.41	-	-	2	200	V
3	14.193249	53.93	PK-U	39	0	-43.02	49.91	-	-	88.2	-38.29	2	101	H
	14.196468	42.65	ADR	39	0	-43.01	38.64	68.2	-29.56	-	-	2	101	H
6	14.204853	54.82	PK-U	39	0	-43.03	50.79	-	-	88.2	-37.41	2	101	V
	14.205885	42.64	ADR	39	0	-43.06	38.58	68.2	-29.62	-	-	2	101	V

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

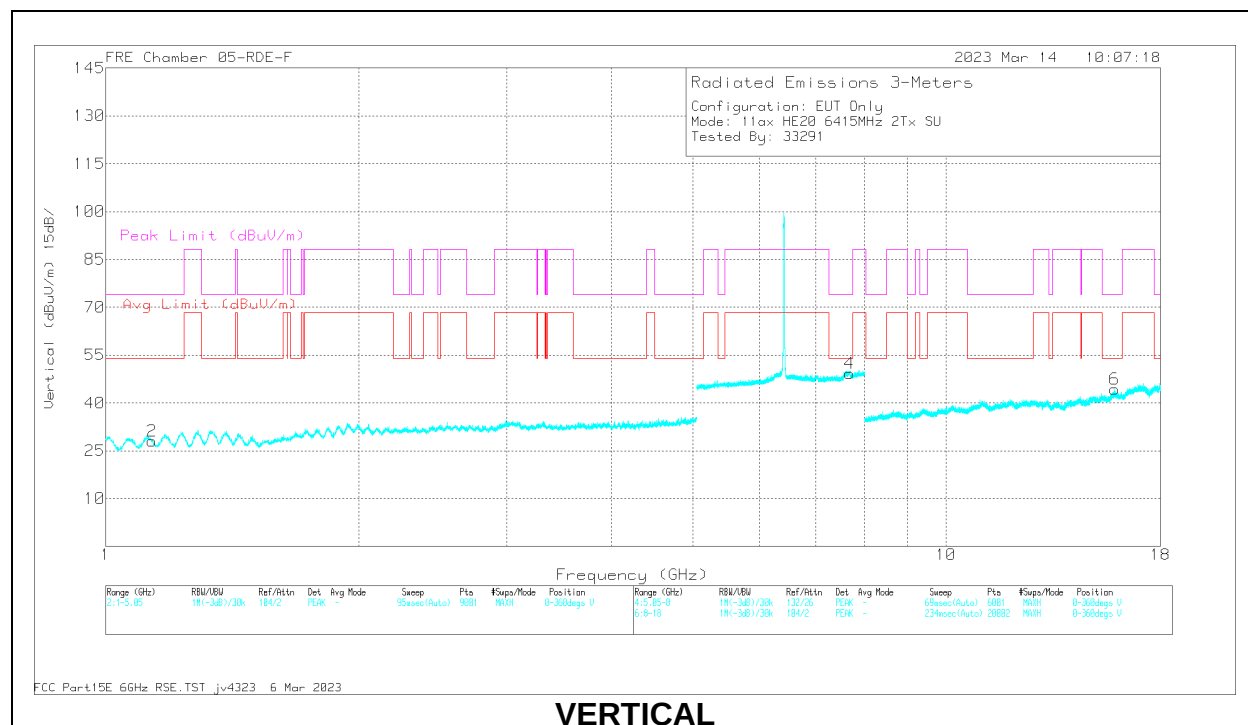
PK-U - U-NII: Maximum Peak

ADR - U-NII AD primary method, RMS average

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)	Azimuth (Degs)	Height (cm)	Polarity
1	*1.13158	61.69	PK-U	27.8	0	-50.54	38.95	-	-	74	-35.05	192	371	H
	*1.13096	50.15	ADR	27.8	0	-50.49	27.46	54	-26.54	-	-	192	371	H
2	*1.13452	61.33	PK-U	27.8	0	-50.55	38.58	-	-	74	-35.42	89	198	V
	*1.13273	49.99	ADR	27.8	0	-50.57	27.22	54	-26.78	-	-	89	198	V
3	*7.682554	59.07	PK-U	35.7	0	-36.87	57.9	-	-	74	-16.1	337	214	H
	*7.683138	47.54	ADR	35.7	0	-36.87	46.37	54	-7.63	-	-	337	214	H
4	*7.682997	58.97	PK-U	35.7	0	-36.87	57.8	-	-	74	-16.2	66	352	V
	*7.681615	47.41	ADR	35.7	0	-36.88	46.23	54	-7.77	-	-	66	352	V
5	*15.868166	55.1	PK-U	40.5	0	-43.03	52.57	-	-	74	-21.43	296	354	V
	*15.865913	43.16	ADR	40.5	0	-43.06	40.6	54	-13.4	-	-	296	354	V
6	*15.86966	54.53	PK-U	40.5	0	-43	52.03	-	-	74	-21.97	55	270	H
	*15.86893	43.05	ADR	40.5	0	-42.99	40.56	54	-13.44	-	-	55	270	H

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

PK-U - U-NII: Maximum Peak

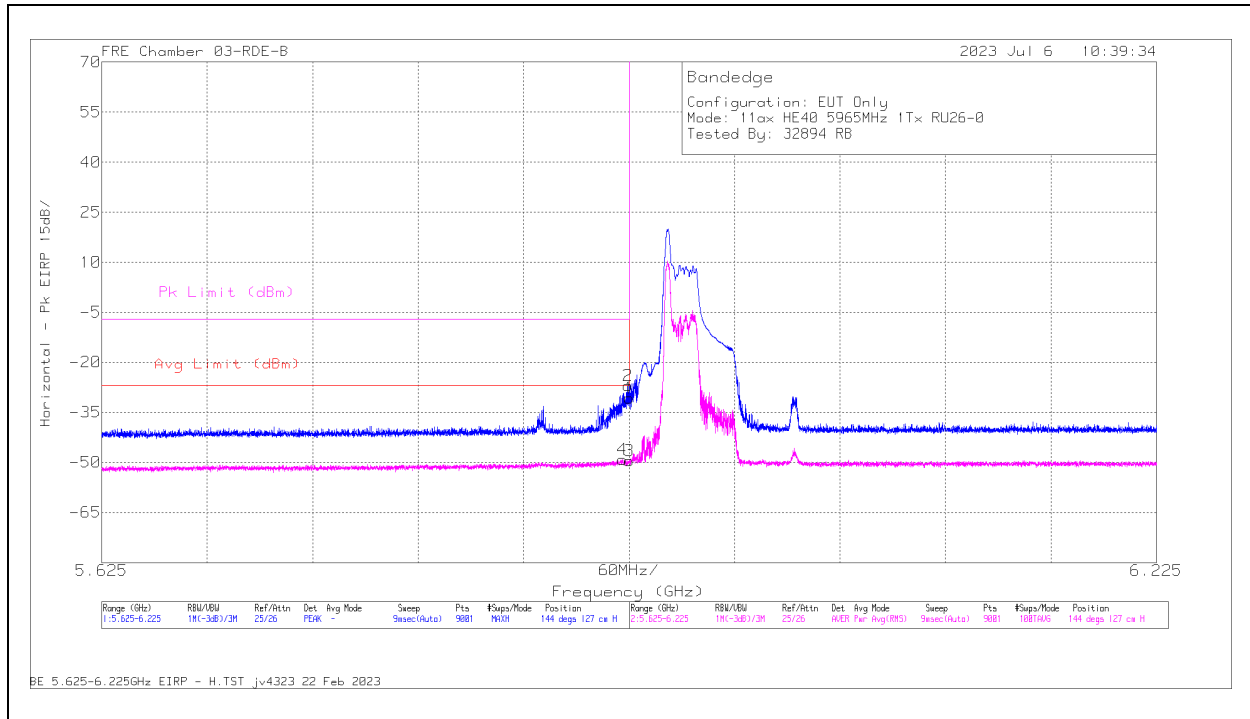
ADR - U-NII AD primary method, RMS average

1.1.2. 802.11ax HE40 MODE IN THE UNII-5 BAND

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

BANDEDGE (LOW CHANNEL)

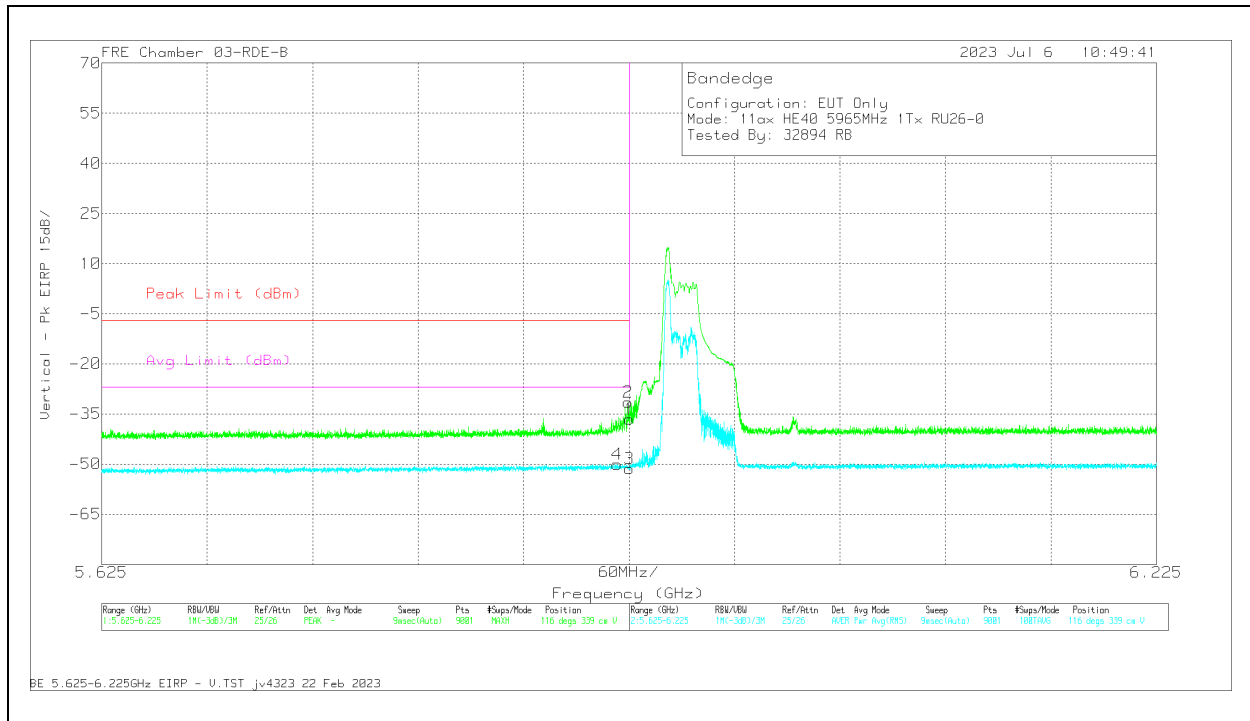
HORIZONTAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBm)	Det	230300 ACF (dB/m)	Conversion Factor (dB)	DCCF (dB)	Gain/Loss (dB)	Corrected Reading EIRP	Avg Limit (dBm)	RMS Margin (dB)	Pk Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
4	5.921135	-58.08	RMS	34.9	11.8	-49	-38.21	-49.10	-27	-22.10	-	-	144	127	H
2	5.924535	-35.35	Pk	34.9	11.8	0	-38.25	-26.9	-	-	-7	-19.9	144	127	H
1	5.925	-39.11	Pk	34.9	11.8	0	-38.3	-30.71	-	-	-7	-23.71	144	127	H
3	5.925	-58.38	RMS	34.9	11.8	-49	-38.3	-49.49	-27	-22.49	-	-	144	127	H

Pk - Peak detector
RMS - RMS detection

VERTICAL RESULT



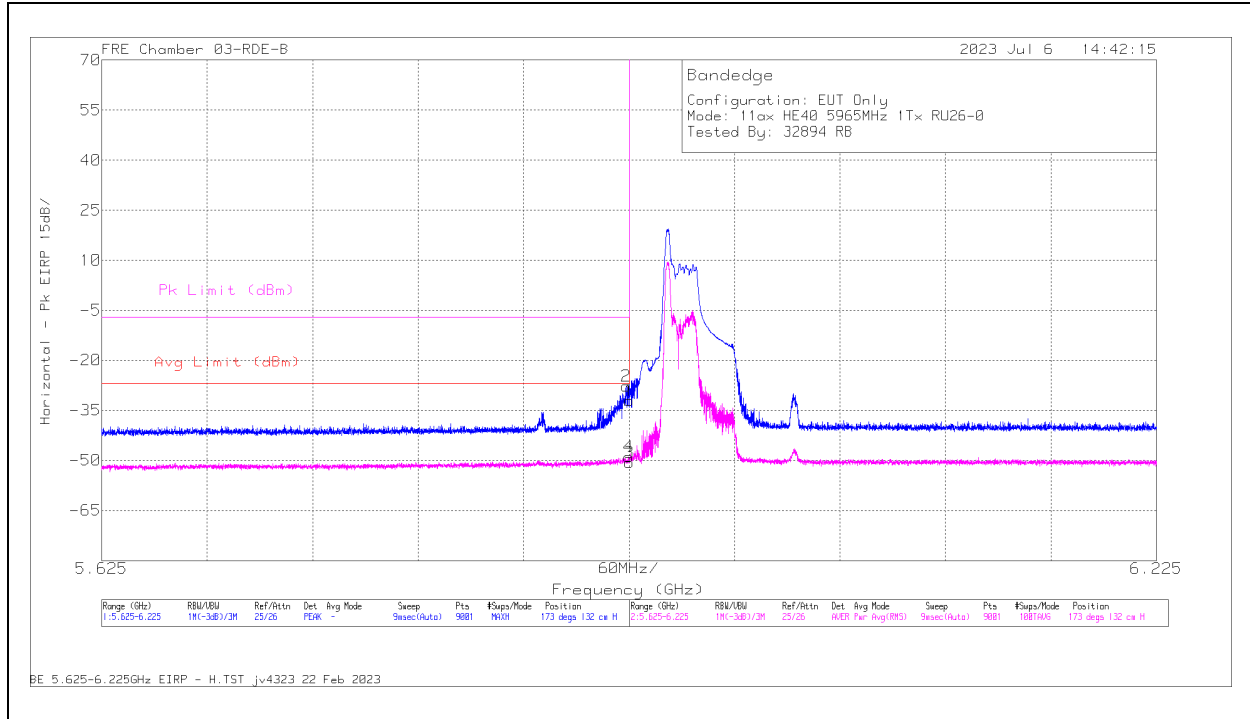
Marker	Frequency (GHz)	Meter Reading (dBm)	Det	230300 ACF (dB/m)	Conversion Factor (dB)	DCCF (dB)	Gain/Loss (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Avg Limit (dBm)	RMS Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
4	5.918201	-58.98	RMS	34.9	11.8	.49	-38.3	-50.09	-	-	-27	-23.09	116	339	V
2	5.924468	-39.99	Pk	34.9	11.8	0	-38.25	-31.54	-7	-24.54	-	-	116	339	V
1	5.925	-44.99	Pk	34.9	11.8	0	-38.3	-36.59	-7	-29.59	-	-	116	339	V
3	5.925	-60.33	RMS	34.9	11.8	.49	-38.3	-51.44	-	-	-27	-24.44	116	339	V

PK - Peak detector
RMS - RMS detection

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

BANDEDGE (LOW CHANNEL)

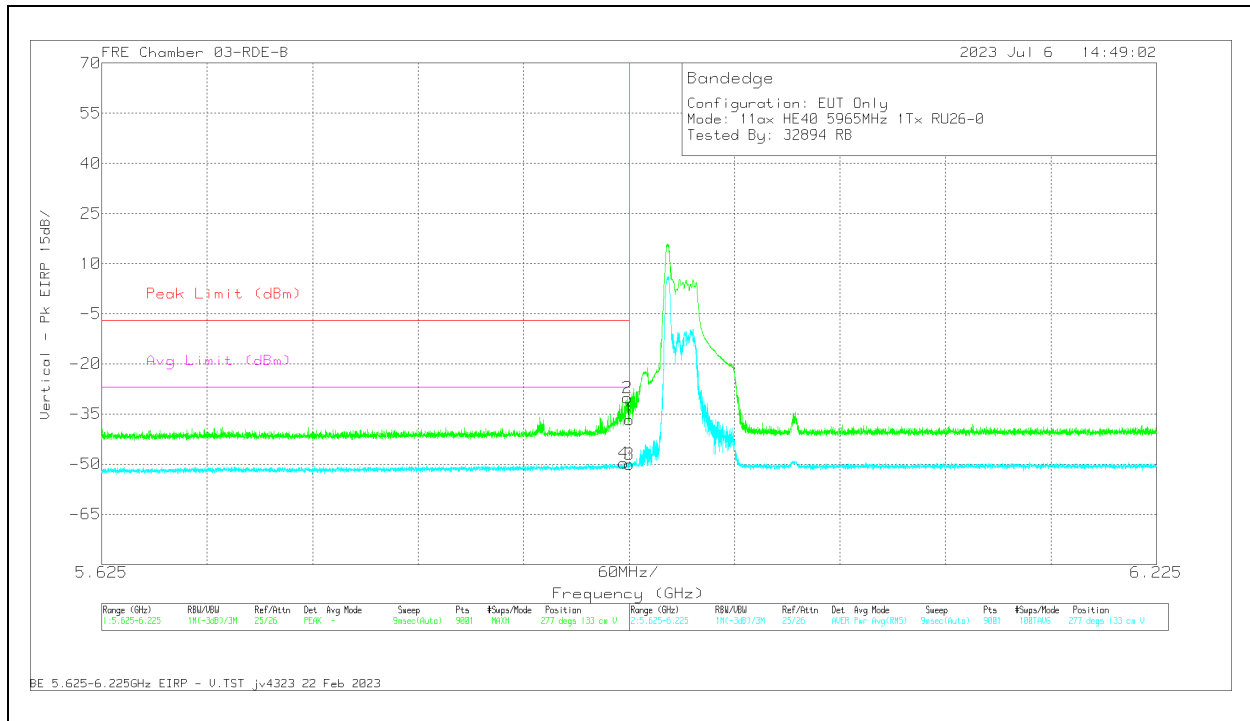
HORIZONTAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBm)	Det	230300 ACF (dB/m)	Conversion Factor (dB)	DCCF (dB)	Gain/Loss (dB)	Corrected Reading EIRP	Avg Limit (dBm)	RMS Margin (dB)	Pk Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
2	5.923201	-36.06	Pk	34.9	11.8	0	-38.28	-27.64	-	-	-7	-20.64	173	132	H
4	5.924668	-57.9	RMS	34.9	11.8	.49	-38.27	-48.98	-27	-21.98	-	-	173	132	H
1	5.925	-40.39	Pk	34.9	11.8	0	-38.3	-31.99	-	-	-7	-24.99	173	132	H
3	5.925	-59.54	RMS	34.9	11.8	.49	-38.3	-50.65	-27	-23.65	-	-	173	132	H

Pk - Peak detector
RMS - RMS detection

VERTICAL RESULT



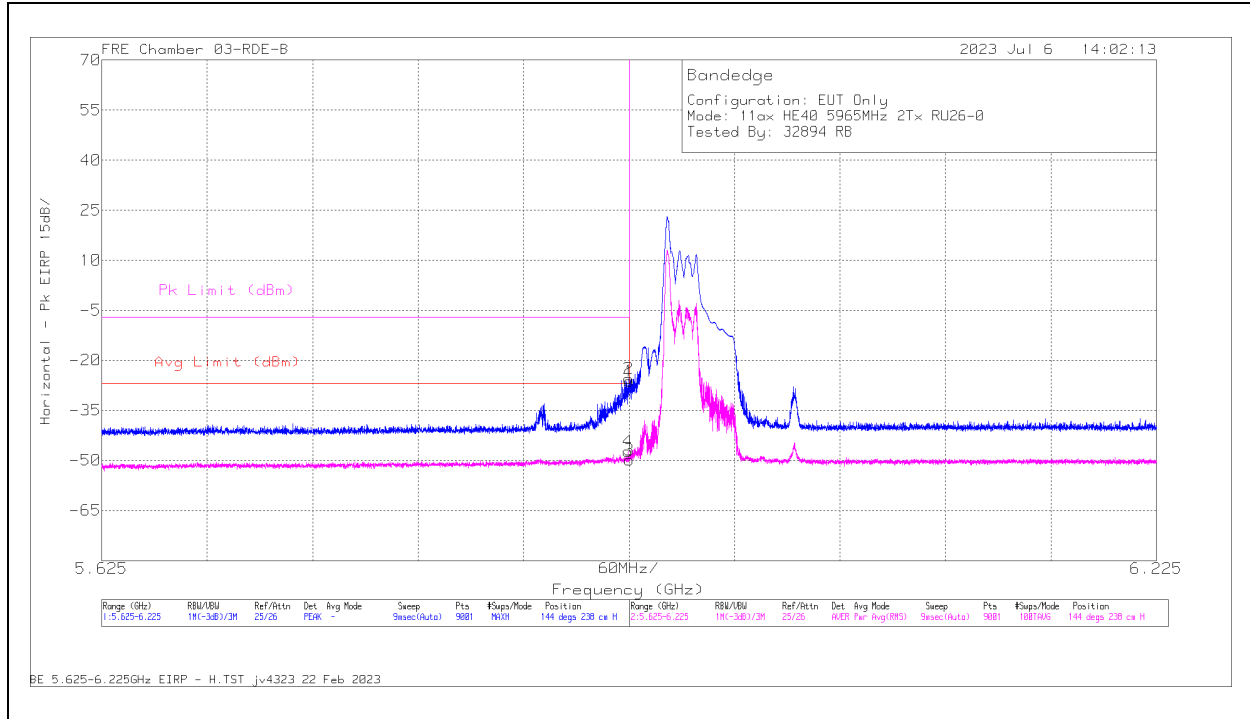
Marker	Frequency (GHz)	Meter Reading (dBm)	Det	230300 ACF (dB/m)	Conversion Factor (dB)	DCCF (dB)	Gain/Loss (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Avg Limit (dBm)	RMS Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
4	5.922001	-58.65	RMS	34.9	11.8	.49	-38.3	-49.76	-	-	-27	-22.76	277	133	V
2	5.924068	-38.65	Pk	34.9	11.8	0	-38.21	-30.16	-7	-23.16	-	-	277	133	V
1	5.925	-45.1	Pk	34.9	11.8	0	-38.3	-36.7	-7	-29.7	-	-	277	133	V
3	5.925	-58.86	RMS	34.9	11.8	.49	-38.3	-49.97	-	-	-27	-22.97	277	133	V

PK - Peak detector
RMS - RMS detection

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

BANDEDGE (LOW CHANNEL)

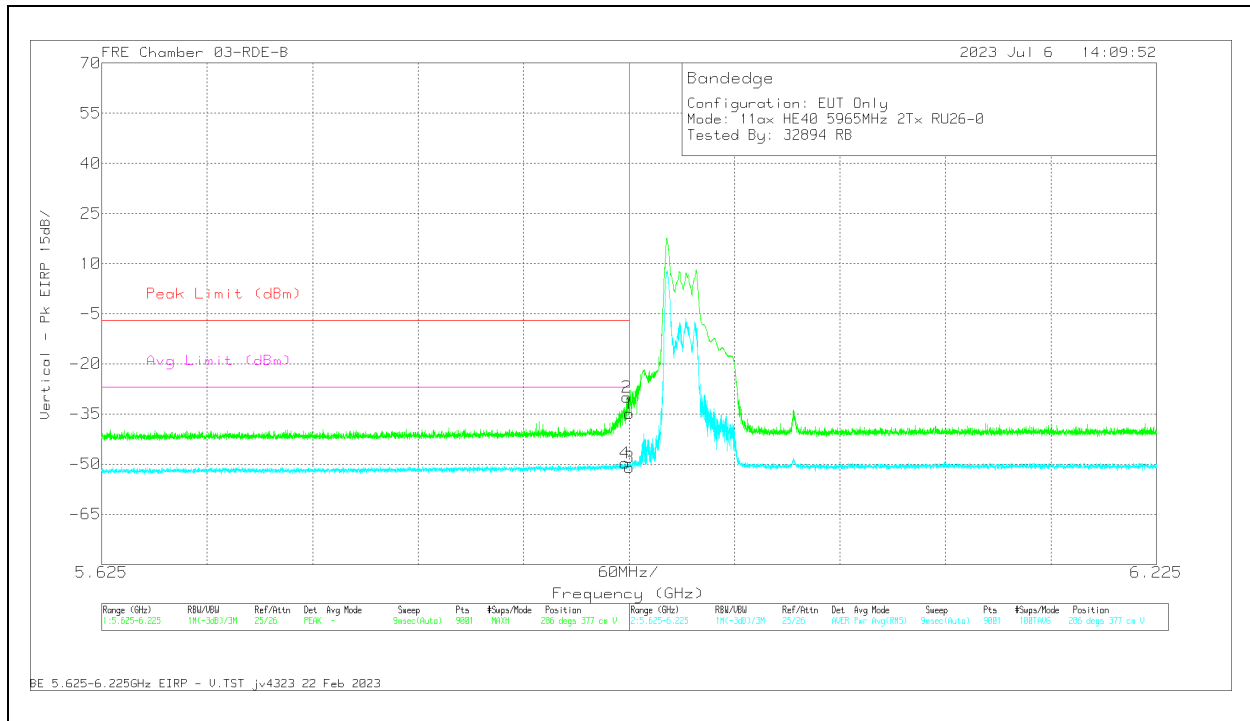
HORIZONTAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBm)	Det	230300 ACF (dB/m)	Conversion Factor (dB)	DCCF (dB)	Gain/Loss (dB)	Corrected Reading EIRP	Avg Limit (dBm)	RMS Margin (dB)	Pk Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
4	5.924402	-56.11	RMS	34.9	11.8	.49	-38.24	-47.16	-27	-20.16	-	-	144	238	H
2	5.924868	-33.84	Pk	34.9	11.8	0	-38.29	-25.43	-	-	-7	-18.43	144	238	H
1	5.925	-34.59	Pk	34.9	11.8	0	-38.3	-26.19	-	-	-7	-19.19	144	238	H
3	5.925	-58.72	RMS	34.9	11.8	.49	-38.3	-49.83	-27	-22.83	-	-	144	238	H

Pk - Peak detector
RMS - RMS detection

VERTICAL RESULT

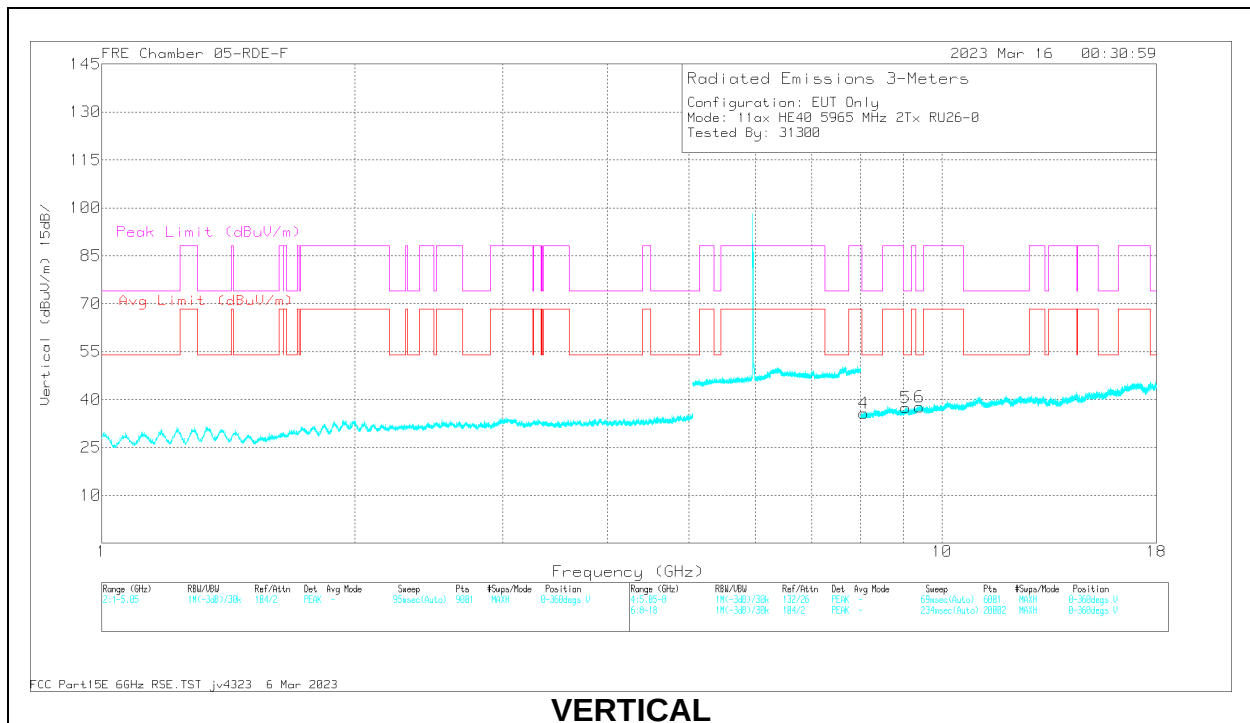
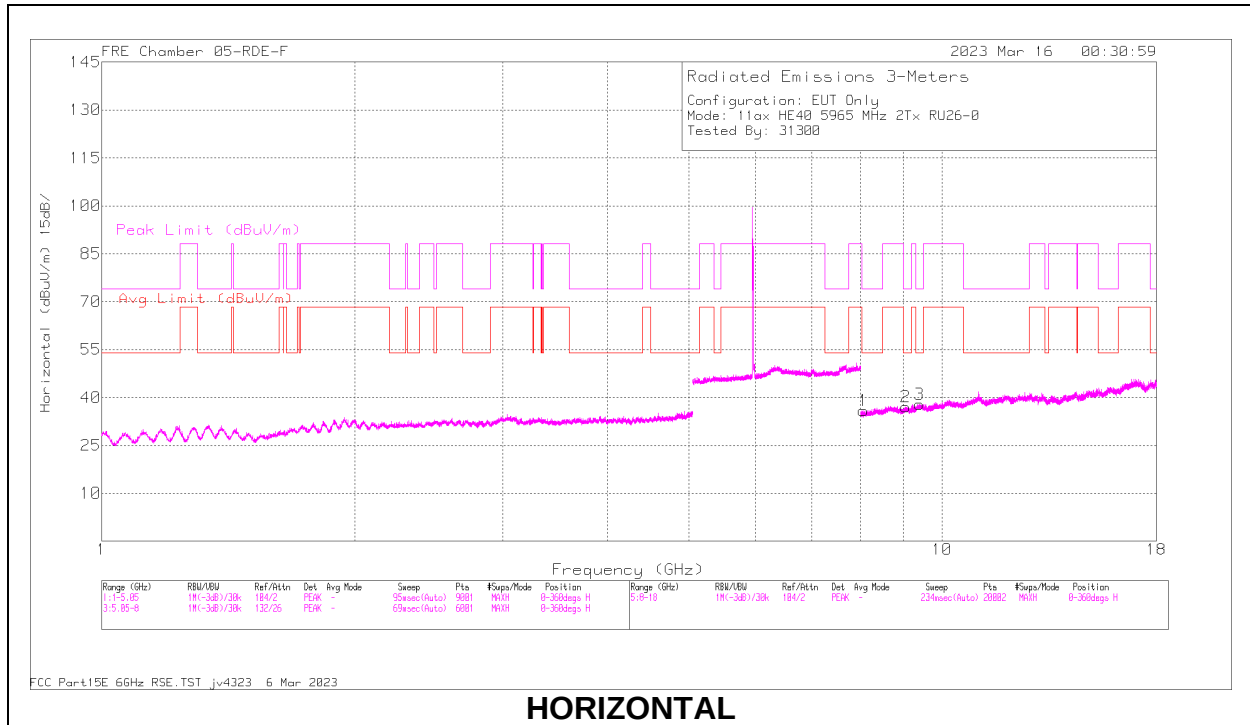


Marker	Frequency (GHz)	Meter Reading (dBm)	Det	230300 ACF (dB/m)	Conversion Factor (dB)	DCCF (dB)	Gain/Loss (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Avg Limit (dBm)	RMS Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
4	5.922668	-58.49	RMS	34.9	11.8	.49	-38.3	-49.6	-	-	-27	-22.6	286	377	V
2	5.923668	-38.52	Pk	34.9	11.8	0	-38.23	-30.05	-7	-23.05	-	-	286	377	V
1	5.925	-43.18	Pk	34.9	11.8	0	-38.3	-34.78	-7	-27.78	-	-	286	377	V
3	5.925	-59.8	RMS	34.9	11.8	.49	-38.3	-50.91	-	-	-27	-23.91	286	377	V

PK - Peak detector
RMS - RMS detection

HARMONICS AND SPURIOUS EMISSIONS

LOW CHANNEL RESULTS



RADIATED EMISSIONS

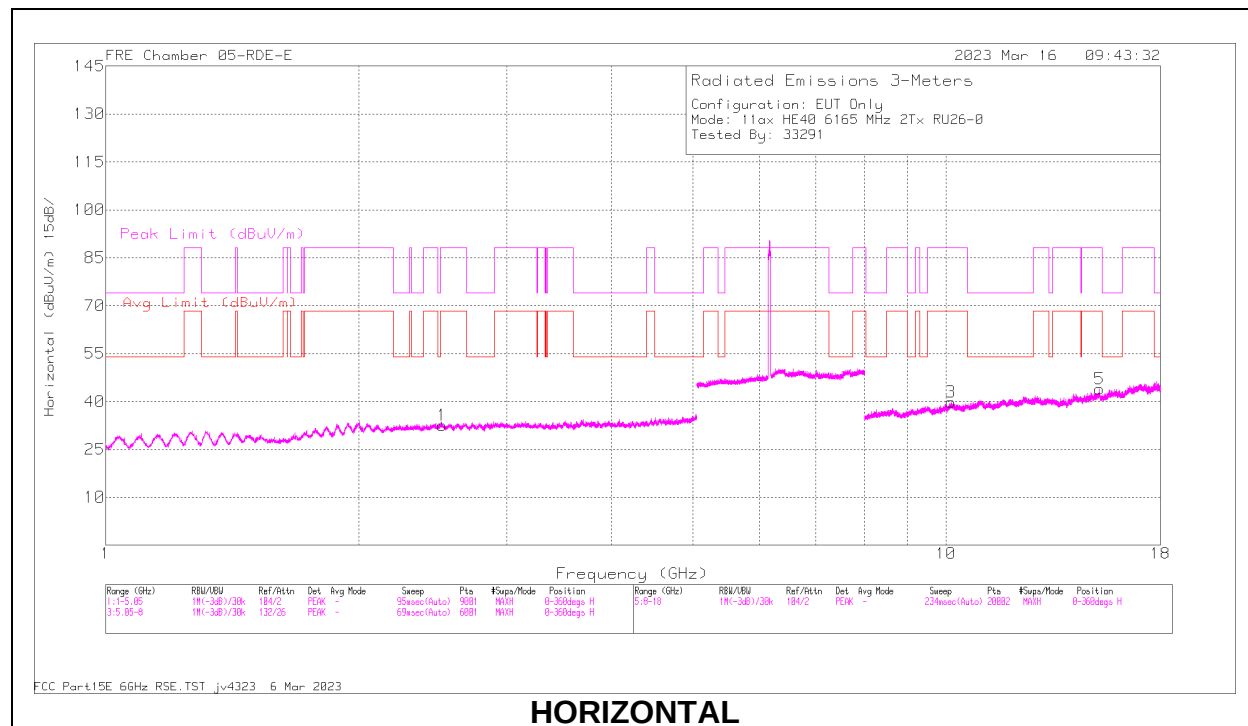
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	222740 ACF(dB) - 3mH	DCCF (dB)	Gain/Loss (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	*8.062297	54.69	PK-U	35.7	0	-45.51	44.88	-	-	74	-29.12	28	132	H
	*8.064784	43.59	ADR	35.7	0	-45.47	33.82	54	-20.18	-	-	28	132	H
4	*8.071916	55.42	PK-U	35.7	0	-45.42	45.7	-	-	74	-28.3	100	138	V
	*8.071315	43.85	ADR	35.7	0	-45.44	34.11	54	-19.89	-	-	100	138	V
2	*9.050902	55.53	PK-U	36	0	-45.34	46.19	-	-	74	-27.81	83	157	H
	*9.052221	44.1	ADR	36	0	-45.37	34.73	54	-19.27	-	-	83	157	H
5	*9.056939	56.03	PK-U	36	0	-45.53	46.5	-	-	74	-27.5	91	175	V
	*9.056462	44.25	ADR	36	0	-45.51	34.74	54	-19.26	-	-	91	175	V
3	*9.402289	57.36	PK-U	36.3	0	-46	47.66	-	-	74	-26.34	185	161	H
	*9.403073	45.53	ADR	36.3	0	-46.01	35.82	54	-18.18	-	-	185	161	H
6	*9.407181	57.21	PK-U	36.3	0	-45.91	47.6	-	-	74	-26.4	66	158	V
	*9.405259	45.66	ADR	36.3	0	-45.99	35.97	54	-18.03	-	-	66	158	V

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

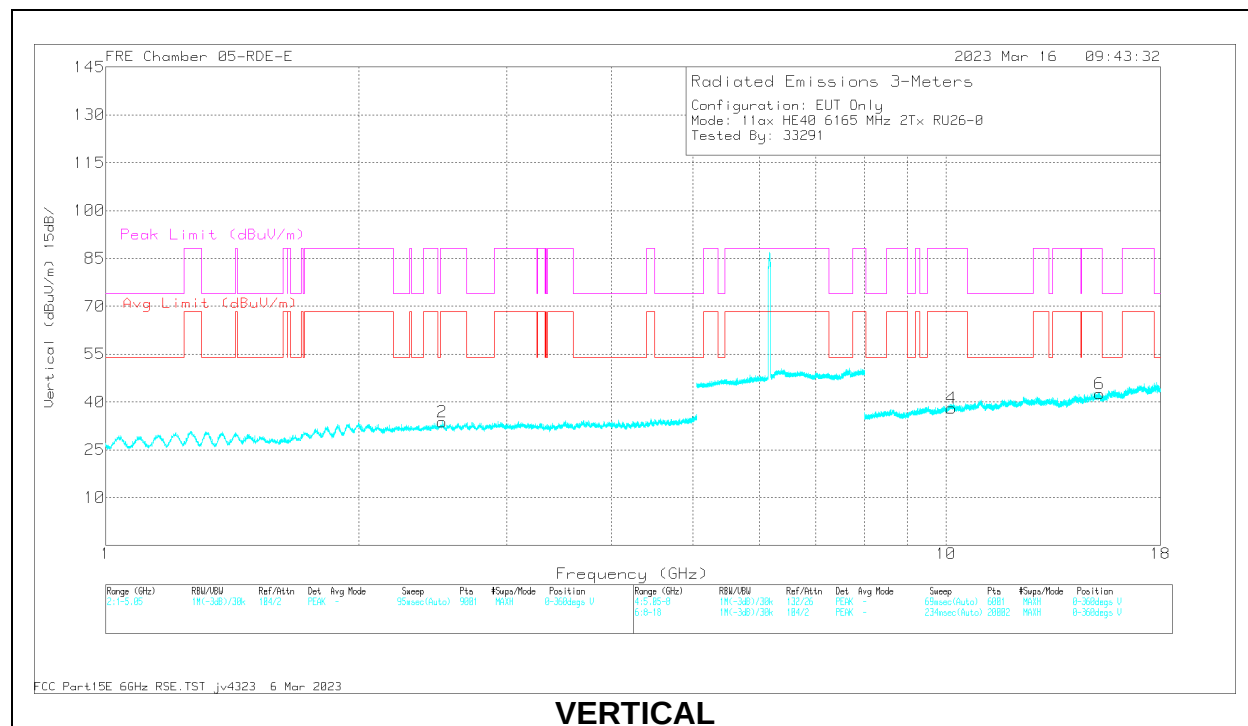
PK-U - U-NII: Maximum Peak

ADR - U-NII AD primary method, RMS average

MID CHANNEL RESULTS



HORIZONTAL



VERTICAL

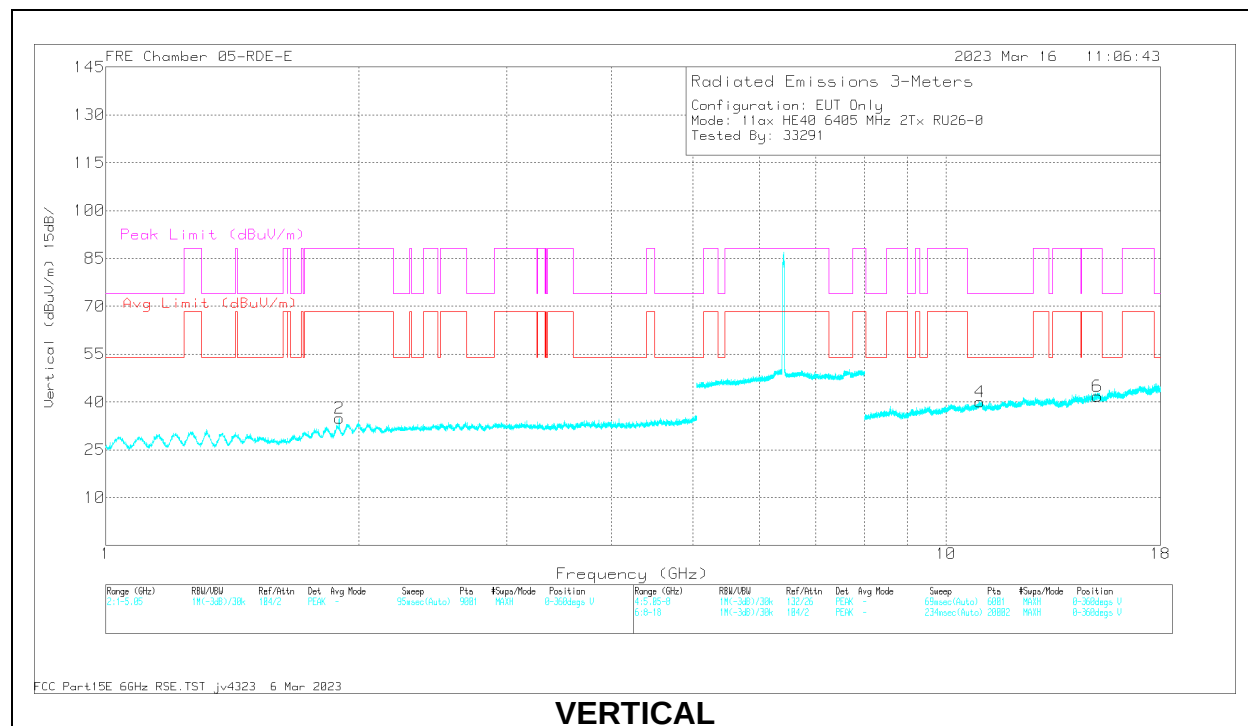
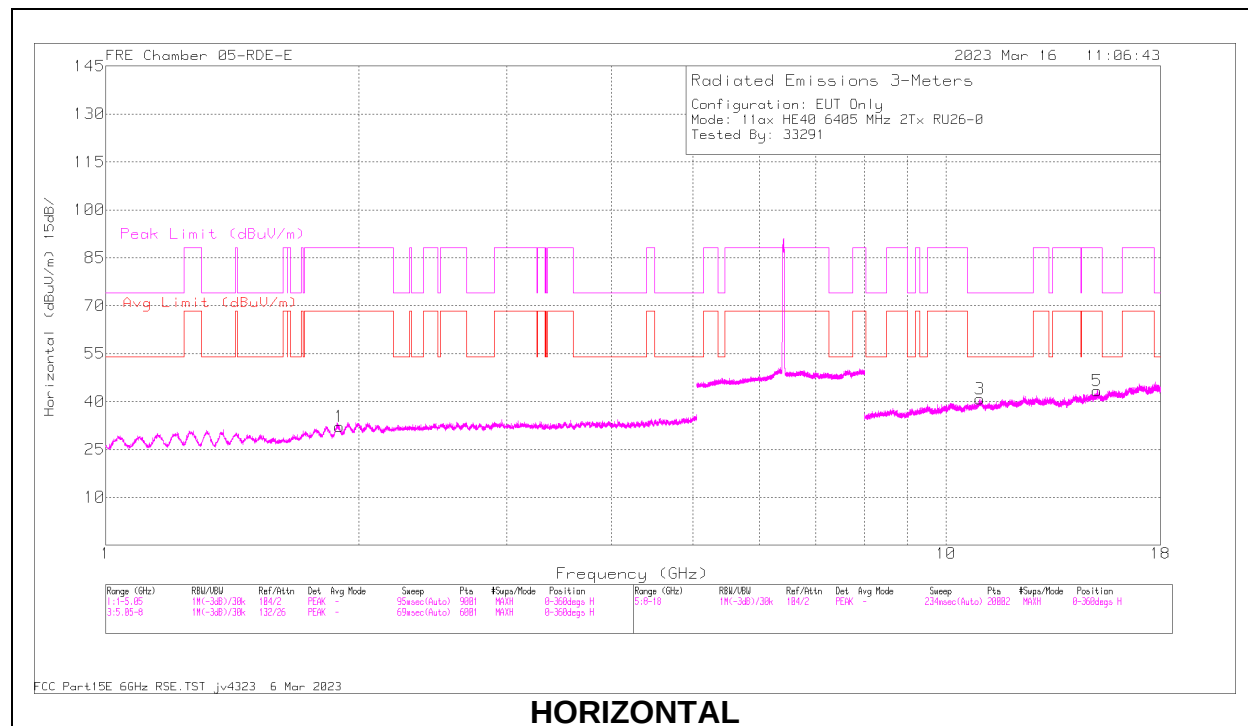
RADIATED EMISSIONS

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	226671 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)	Azimuth (Degs)	Height (cm)	Polarity
1	2.511168	61.13	PK-U	32.2	0	-49.88	43.45	-	-	88.2	-44.75	14	259	V
	2.510877	49.2	ADR	32.2	0	-49.89	31.51	68.2	-36.69	-	-	14	259	V
2	2.513076	60.95	PK-U	32.3	0	-49.79	43.46	-	-	88.2	-44.74	344	121	H
	2.513036	49.07	ADR	32.3	0	-49.79	31.58	68.2	-36.62	-	-	344	121	H
3	10.149105	58.55	PK-U	37.4	0	-46.56	49.39	-	-	88.2	-38.81	53	223	V
	10.148882	46.56	ADR	37.4	0	-46.56	37.4	68.2	-30.8	-	-	53	223	V
4	10.151296	58.05	PK-U	37.4	0	-46.62	48.83	-	-	88.2	-39.37	8	105	H
	10.151089	46.52	ADR	37.4	0	-46.61	37.31	68.2	-30.89	-	-	8	105	H
5	15.234034	55.35	PK-U	39.9	0	-42.79	52.46	-	-	88.2	-35.74	50	112	H
	15.23644	43.51	ADR	39.9	0	-42.85	40.56	68.2	-27.64	-	-	50	112	H
6	15.237886	55.82	PK-U	39.9	0	-42.93	52.79	-	-	88.2	-35.41	164	361	V
	15.237799	43.72	ADR	39.9	0	-42.93	40.69	68.2	-27.51	-	-	164	361	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	226671 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)	Azimuth (Degs)	Height (cm)	Polarity
2	1.894067	61.47	PK-U	31.3	0	-50.4	42.37	-	-	88.2	-45.83	250	111	V
	1.893696	49.96	ADR	31.3	0	-50.4	30.86	68.2	-37.34	-	-	250	111	V
1	1.894437	61.64	PK-U	31.3	0	-50.4	42.54	-	-	88.2	-45.66	230	371	H
	1.894258	49.76	ADR	31.3	0	-50.4	30.66	68.2	-37.54	-	-	230	371	H
3	*10.980101	55.35	PK-U	37.9	0	-44.15	49.1	-	-	74	-24.9	250	199	H
	*10.97782	44.08	ADR	37.9	0	-44.11	37.87	54	-16.13	-	-	250	199	H
4	*10.981098	55.48	PK-U	37.9	0	-44.12	49.26	-	-	74	-24.74	250	200	V
	*10.978339	44.36	ADR	37.9	0	-44.12	38.14	54	-15.86	-	-	250	200	V
5	15.145304	55.56	PK-U	39.8	0	-43.52	51.84	-	-	88.2	-36.36	250	101	V
	15.146087	43.98	ADR	39.8	0	-43.51	40.27	68.2	-27.93	-	-	250	101	H
6	15.146344	55.31	PK-U	39.8	0	-43.5	51.61	-	-	88.2	-36.59	250	101	H
	15.147065	43.98	ADR	39.8	0	-43.47	40.31	68.2	-27.89	-	-	250	101	V

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

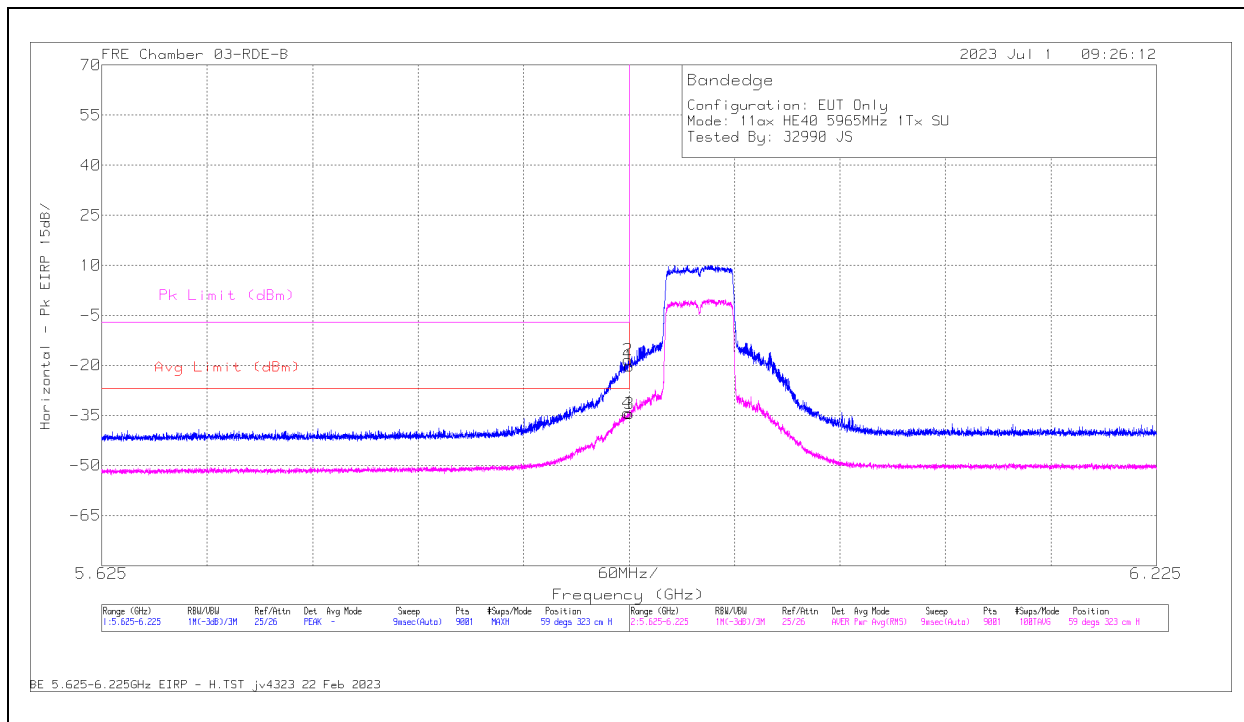
PK-U - U-NII: Maximum Peak

ADR - U-NII AD primary method, RMS average

1TX Antenna 6 MODE: SU, Single User

BANDEDGE (LOW CHANNEL)

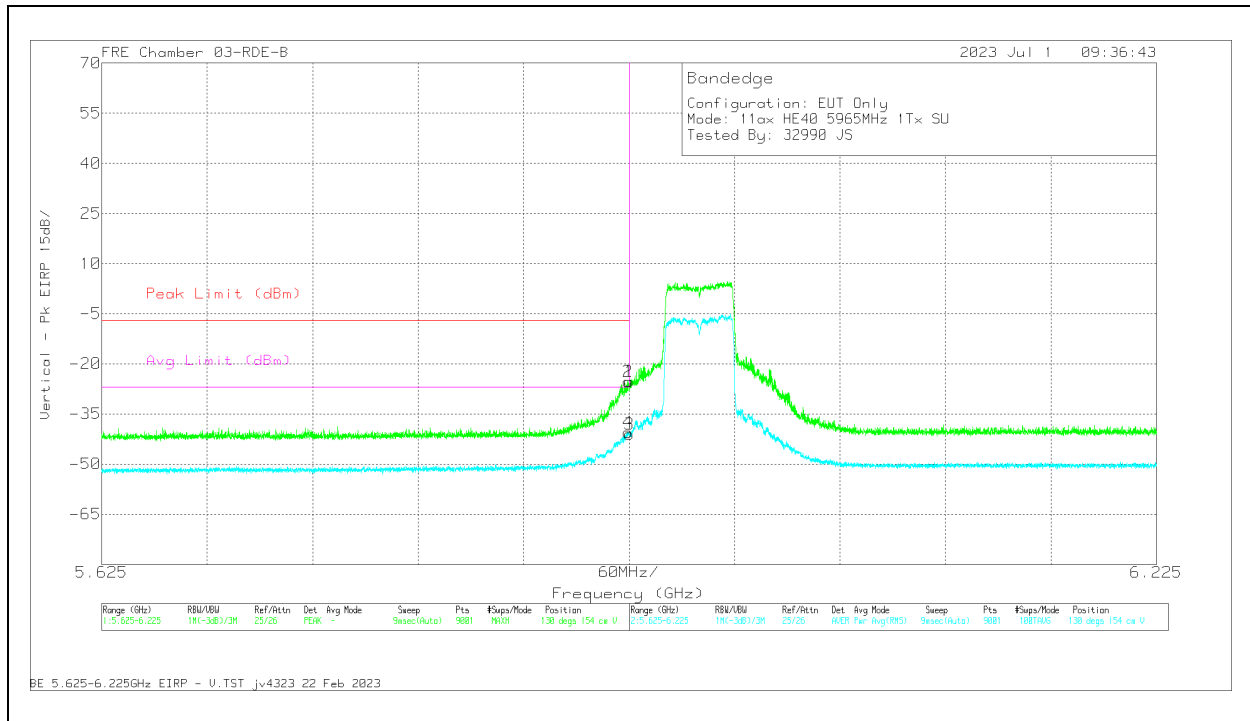
HORIZONTAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBm)	Det	230300 ACF (dB/m)	Conversion Factor (dB)	DCCF (dB)	Gain/Loss (dB)	Corrected Reading EIRP	Avg Limit (dBm)	RMS Margin (dB)	Pk Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
4	5.924135	-43.5	RMS	34.9	11.8	.67	-38.21	-34.34	-27	-7.34	-	-	59	323	H
2	5.924535	-26.84	Pk	34.9	11.8	0	-38.25	-18.39	-	-	-7	-11.39	59	323	H
1	5.925	-28.69	Pk	34.9	11.8	0	-38.3	-20.29	-	-	-7	-13.29	59	323	H
3	5.925	-43.56	RMS	34.9	11.8	.67	-38.3	-34.49	-27	-7.49	-	-	59	323	H

Pk - Peak detector
RMS - RMS detection

VERTICAL RESULT



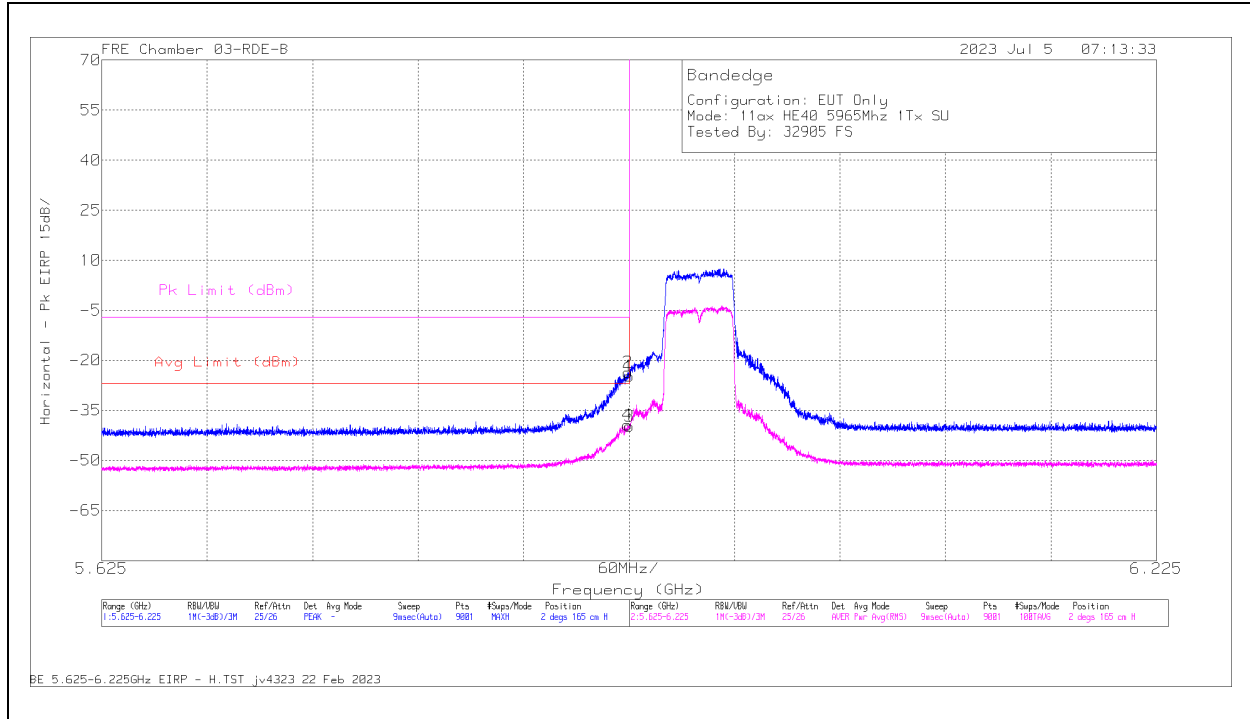
Marker	Frequency (GHz)	Meter Reading (dBm)	Det	230300 ACF (dB/m)	Conversion Factor (dB)	DCCF (dB)	Gain/Loss (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Avg Limit (dBm)	RMS Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
2	5.924535	-33.65	PK	34.9	11.8	0	-38.25	-25.2	-7	-18.2	-	-	130	154	V
4	5.924535	-49.56	RMS	34.9	11.8	.67	-38.25	-40.44	-	-	-27	-13.44	130	154	V
1	5.925	-33.69	PK	34.9	11.8	0	-38.3	-25.29	-7	-18.29	-	-	130	154	V
3	5.925	-50.11	RMS	34.9	11.8	.67	-38.3	-41.04	-	-	-27	-14.04	130	154	V

PK - Peak detector
RMS - RMS detection

1TX Antenna 5 MODE: SU, Single User

BANDEDGE (LOW CHANNEL)

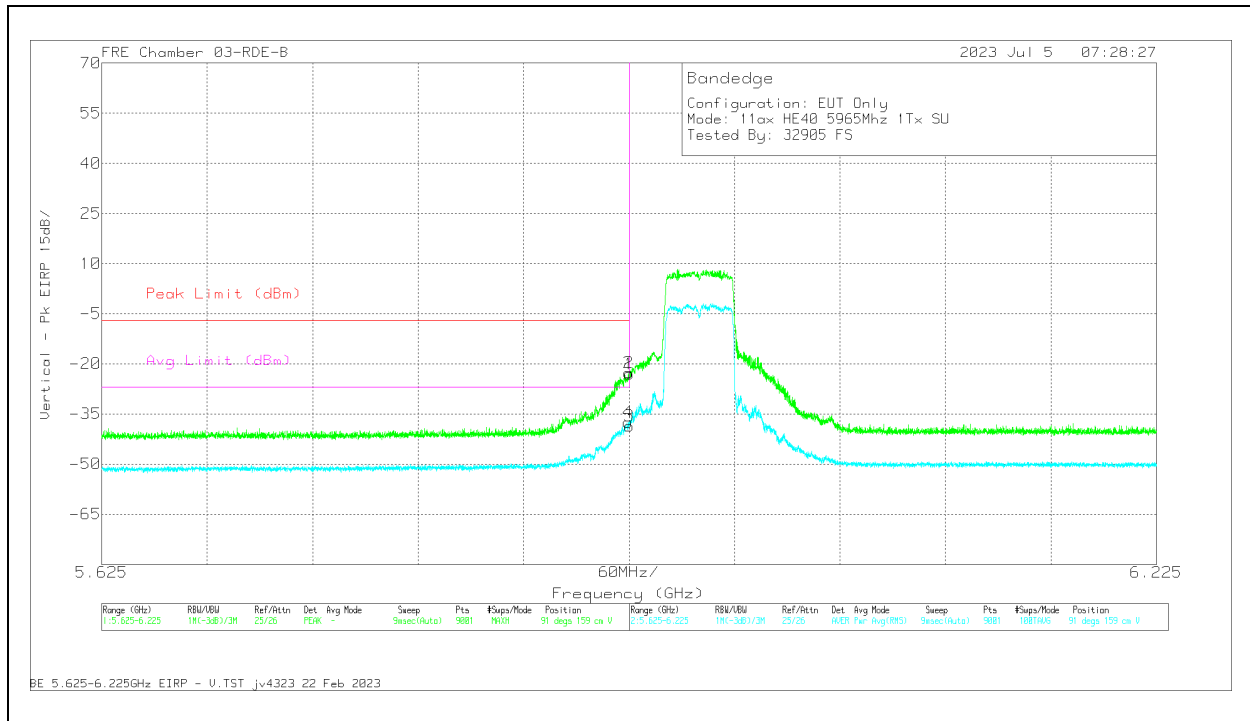
HORIZONTAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBm)	Det	230300 ACF (dB/m)	Conversion Factor (dB)	DCCF (dB)	Gain/Loss (dB)	Corrected Reading EIRP	Avg Limit (dBm)	RMS Margin (dB)	Pk Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
4	5.924135	-48.64	RMS	34.9	11.8	.67	-38.21	-39.48	-27	-12.48	-	-	2	165	H
2	5.924468	-32.1	Pk	34.9	11.8	0	-38.25	-23.65	-	-	-7	-16.65	2	165	H
1	5.925	-33.15	Pk	34.9	11.8	0	-38.3	-24.75	-	-	-7	-17.75	2	165	H
3	5.925	-48.99	RMS	34.9	11.8	.67	-38.3	-39.92	-27	-12.92	-	-	2	165	H

PK - Peak detector
RMS - RMS detection

VERTICAL RESULT



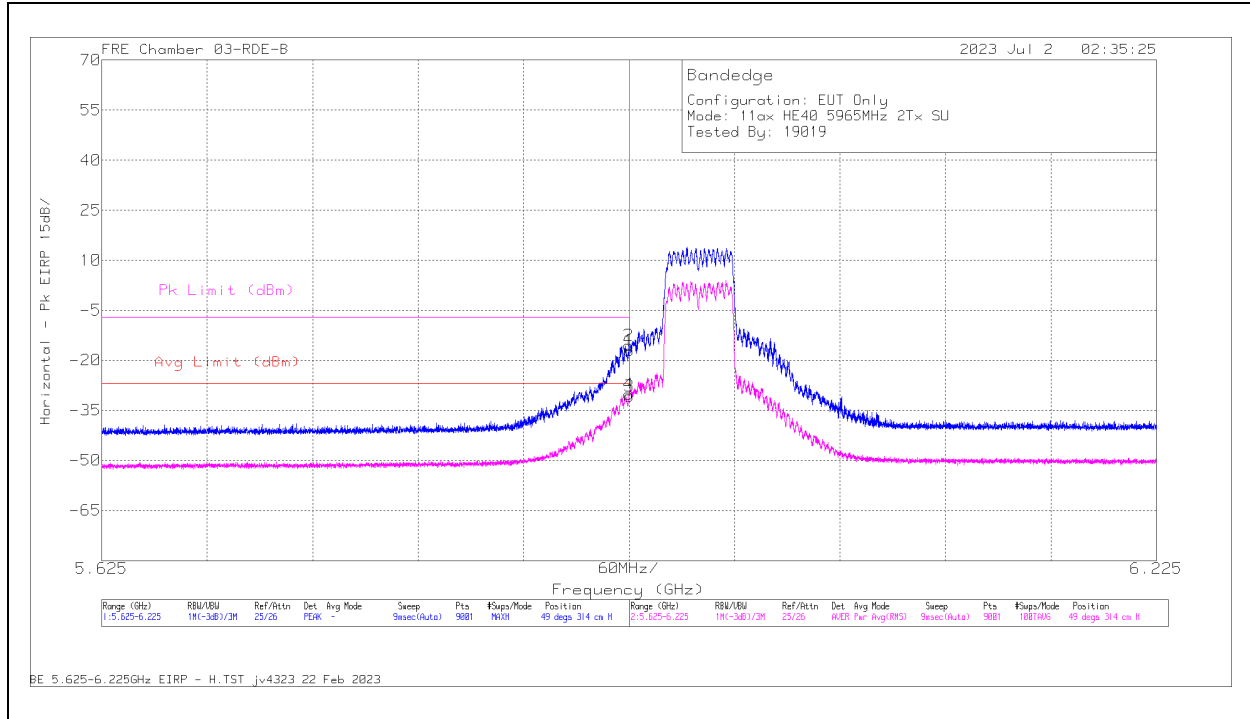
Marker	Frequency (GHz)	Meter Reading (dBm)	Det	230300 ACF (dB/m)	Conversion Factor (dB)	DCCF (dB)	Gain/Loss (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Avg Limit (dBm)	RMS Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
4	5.924535	-46.83	RMS	34.9	11.8	.67	-38.25	-37.71	-	-	-27	-10.71	91	159	V
2	5.924735	-31.11	PK	34.9	11.8	0	-38.27	-22.68	-7	-15.68	-	-	91	159	V
1	5.925	-31.47	PK	34.9	11.8	0	-38.3	-23.07	-7	-16.07	-	-	91	159	V
3	5.925	-47.92	RMS	34.9	11.8	.67	-38.3	-38.85	-	-	-27	-11.85	91	159	V

PK - Peak detector
RMS - RMS detection

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

BANDEDGE (LOW CHANNEL)

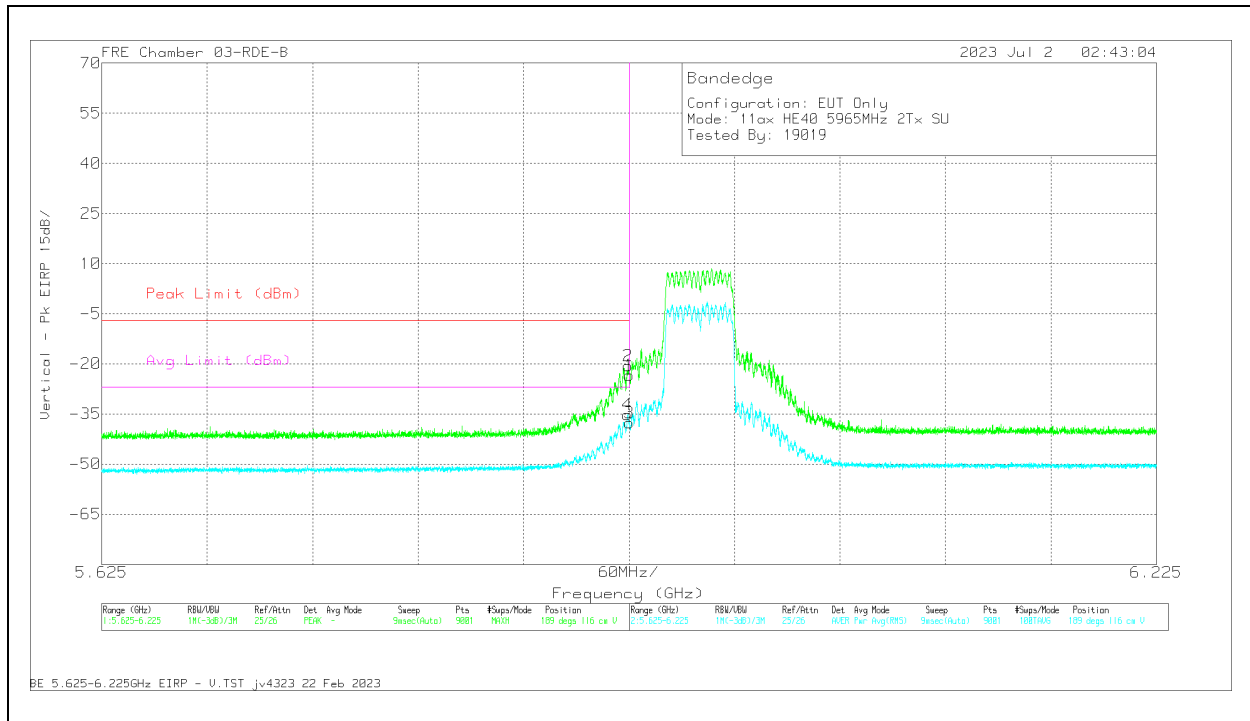
HORIZONTAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBm)	Det	230300 ACF (dB/m)	Conversion Factor (dB)	DCCF (dB)	Gain/Loss (dB)	Corrected Reading EIRP	Avg Limit (dBm)	RMS Margin (dB)	Pk Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
4	5.924802	-39.2	RMS	34.9	11.8	.67	-38.28	-30.11	-27	-3.11	-	-	49	314	H
2	5.924935	-23.91	Pk	34.9	11.8	0	-38.29	-15.5	-	-	-7	-8.5	49	314	H
1	5.925	-25.47	Pk	34.9	11.8	0	-38.3	-17.07	-	-	-7	-10.07	49	314	H
3	5.925	-39.65	RMS	34.9	11.8	.67	-38.3	-30.58	-27	-3.58	-	-	49	314	H

PK - Peak detector
RMS - RMS detection

VERTICAL RESULT

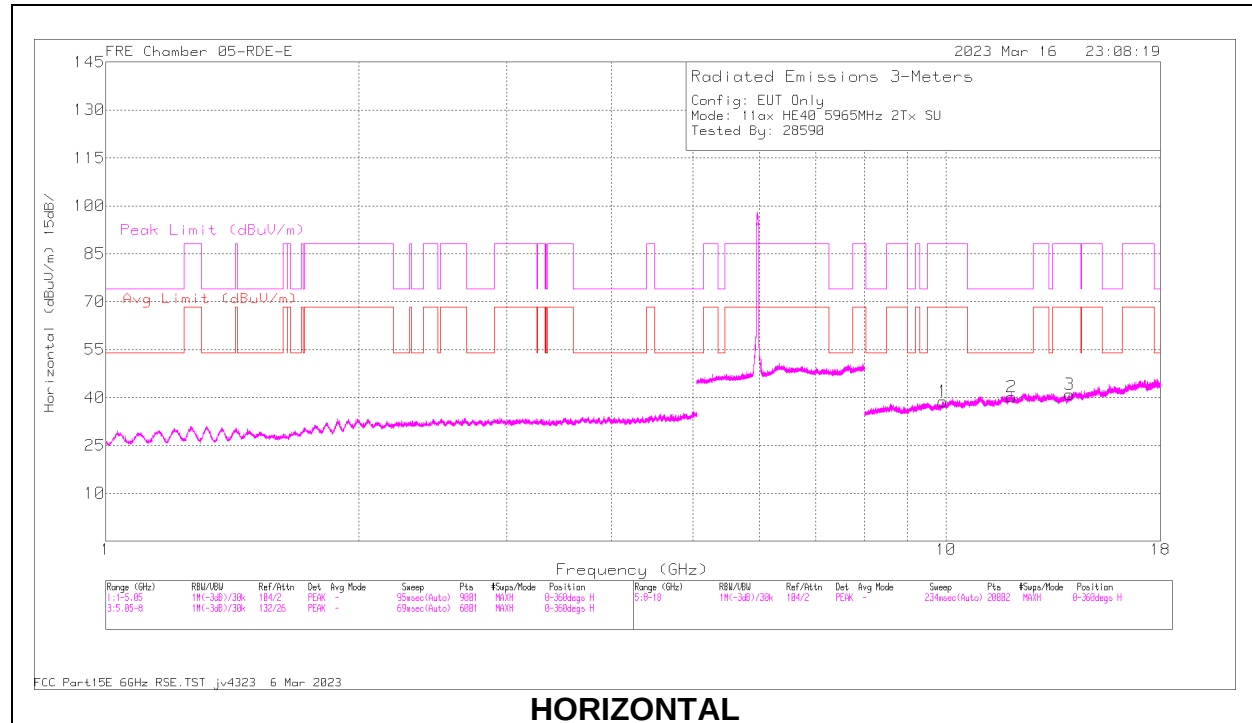


Marker	Frequency (GHz)	Meter Reading (dBm)	Det	230300 ACF (dB/m)	Conversion Factor (dB)	DCCF (dB)	Gain/Loss (dB)	Corrected Reading EIRP	Avg Limit (dBm)	RMS Margin (dB)	Pk Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
4	5.924202	-44.27	RMS	34.9	11.8	.67	-38.22	-35.12	-	-	-27	-8.12	189	116	V
2	5.924268	-28.99	Pk	34.9	11.8	0	-38.23	-20.52	-7	-13.52	-	-	189	116	V
1	5.925	-31.75	Pk	34.9	11.8	0	-38.3	-23.35	-7	-16.35	-	-	189	116	V
3	5.925	-46.61	RMS	34.9	11.8	.67	-38.3	-37.54	-	-	-27	-10.54	189	116	V

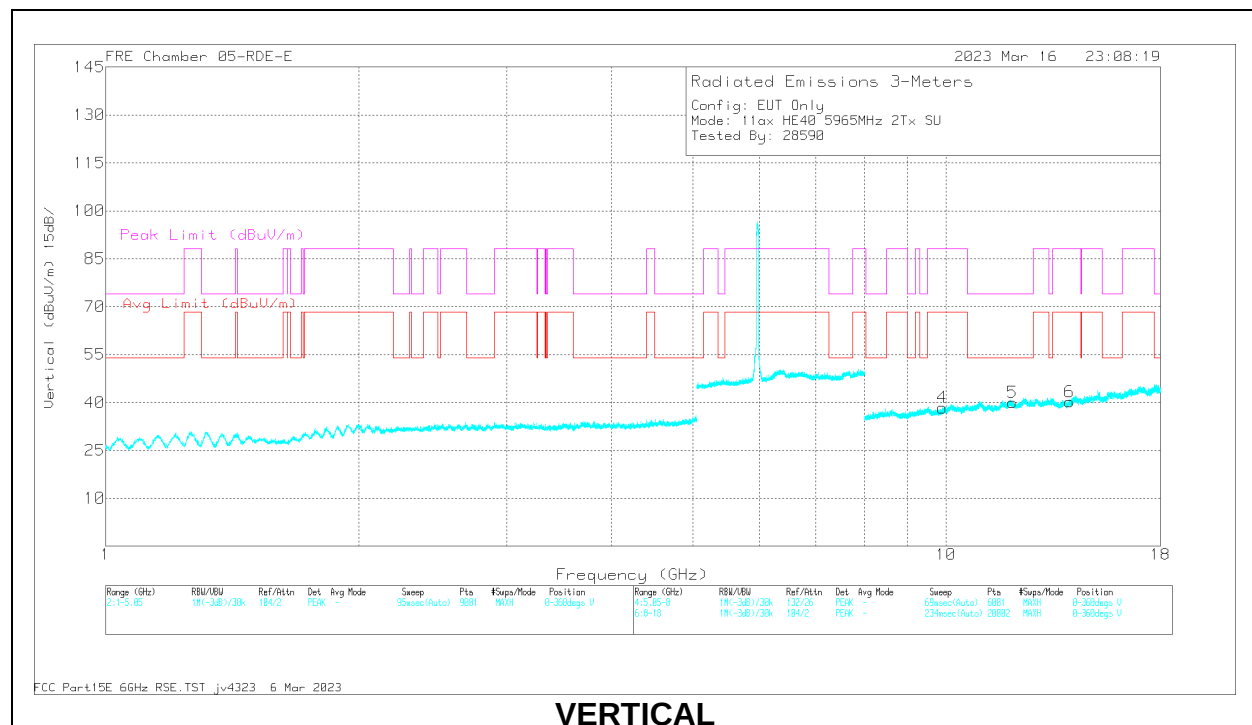
PK - Peak detector
RMS - RMS detection

HARMONICS AND SPURIOUS EMISSIONS

LOW CHANNEL RESULTS



HORIZONTAL



VERTICAL

RADIATED EMISSIONS

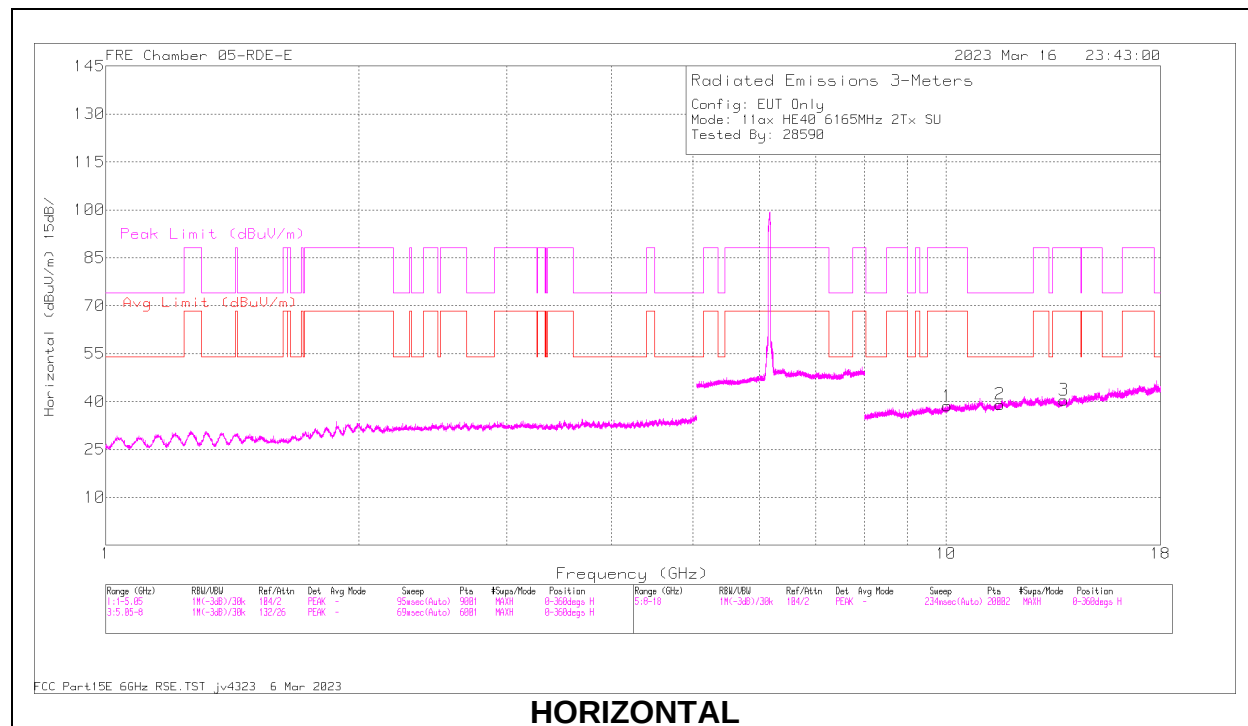
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	226671 ACF (dB) 3mH	DCCF (dB)	Gain/Loss (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
2	*11.97154	54.12	PK-U	38.6	0	-43.5	49.22	-	-	74	-24.78	360	200	H
	*11.96936	42.94	ADR	38.6	0	-43.52	38.02	54	-15.98	-	-	360	200	H
5	*11.99869	54.71	PK-U	38.6	0	-43.75	49.56	-	-	74	-24.44	360	101	V
	*11.99893	43.13	ADR	38.6	0	-43.75	37.98	54	-16.02	-	-	360	101	V
4	9.903425	58.41	PK-U	37.1	0	-47.14	48.37	-	-	88.2	-39.83	360	101	V
	9.904126	46.29	ADR	37.1	0	-47.17	36.22	68.2	-31.98	-	-	360	101	V
1	9.919971	57.62	PK-U	37.1	0	-47.02	47.7	-	-	88.2	-40.5	360	200	H
	9.922726	46.36	ADR	37.1	0	-47.11	36.35	68.2	-31.85	-	-	360	200	H
3	14.023841	56.11	PK-U	38.8	0	-44.63	50.28	-	-	88.2	-37.92	360	200	H
	14.023135	44.56	ADR	38.8	0	-44.61	38.75	68.2	-29.45	-	-	360	200	H
6	14.030708	56.22	PK-U	38.8	0	-44.71	50.31	-	-	88.2	-37.89	360	200	V
	14.030905	44.57	ADR	38.8	0	-44.71	38.66	68.2	-29.54	-	-	360	200	V

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

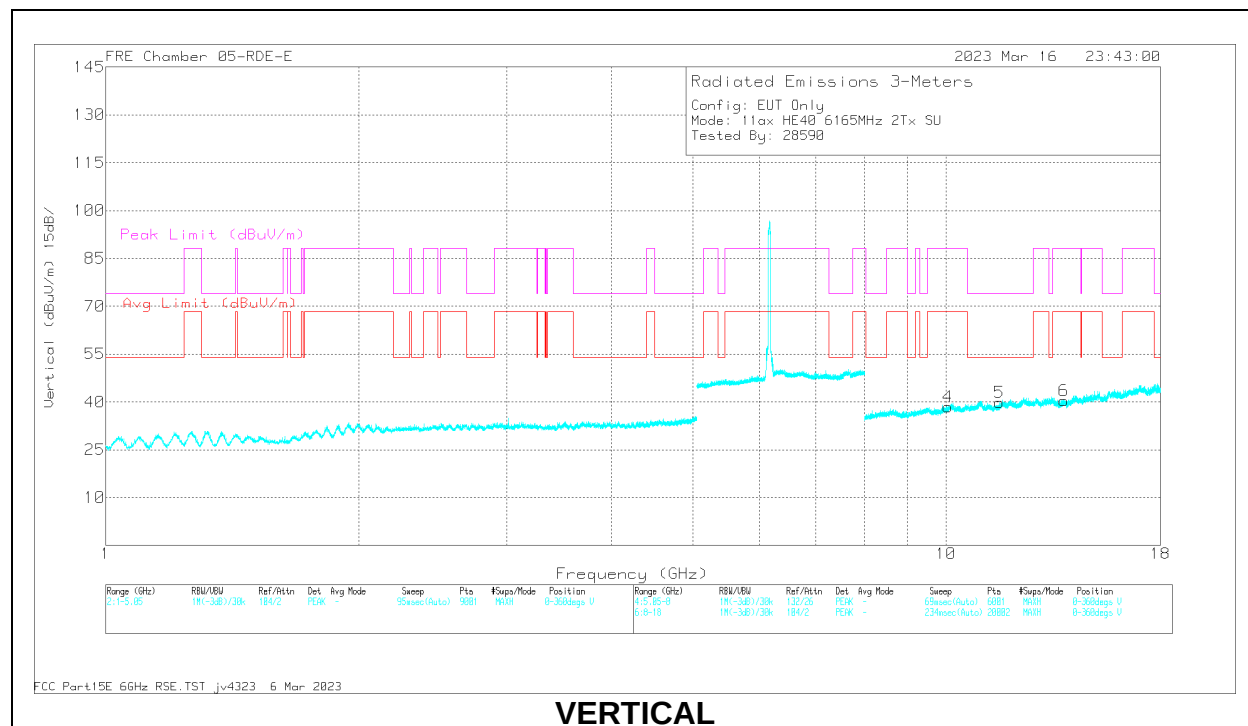
PK-U - U-NII: Maximum Peak

ADR - U-NII AD primary method, RMS average

MID CHANNEL RESULTS



HORIZONTAL



VERTICAL

RADIATED EMISSIONS

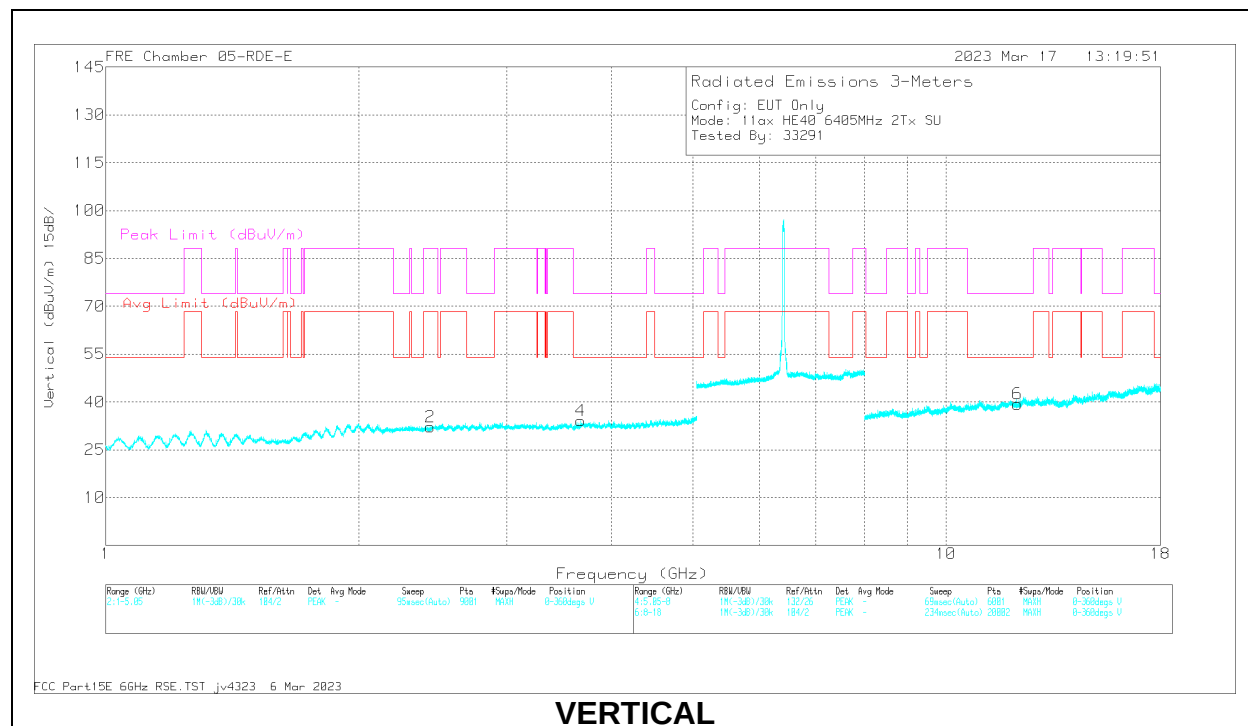
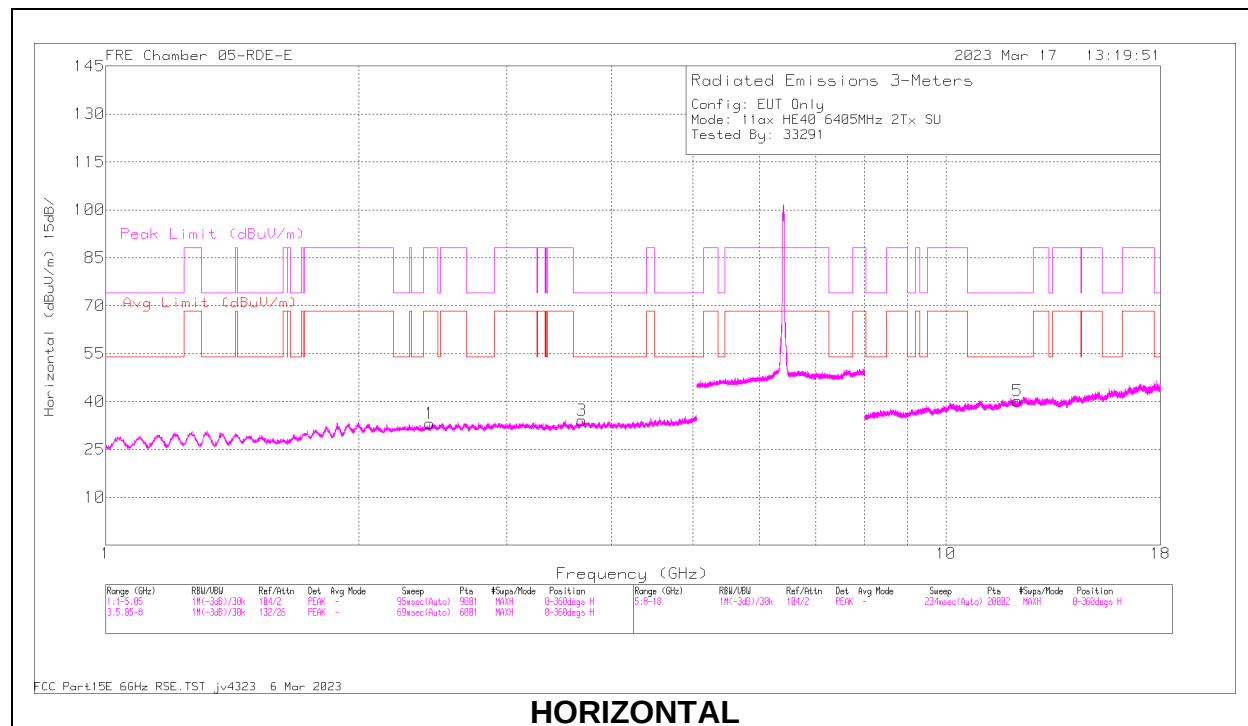
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	226671 ACF (dB) 3mH	DCCF (dB)	Gain/Loss (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
2	*11.585916	55.61	PK-U	38.1	0	-44.06	49.65	-	-	74	-24.35	360	199	H
	*11.585983	43.86	ADR	38.1	0	-44.06	37.9	54	-16.1	-	-	360	199	H
5	*11.579705	55.31	PK-U	38.1	0	-44.06	49.35	-	-	74	-24.65	360	101	V
	*11.579097	43.8	ADR	38.1	0	-44.06	37.84	54	-16.16	-	-	360	101	V
1	10.046481	57.92	PK-U	37.2	0	-47.14	47.98	-	-	88.2	-40.22	360	199	H
	10.04479	46.33	ADR	37.2	0	-47.19	36.34	68.2	-31.86	-	-	360	199	H
4	10.056608	58.31	PK-U	37.3	0	-47.24	48.37	-	-	88.2	-39.83	360	101	V
	10.055018	46.67	ADR	37.3	0	-47.3	36.67	68.2	-31.53	-	-	360	101	V
6	13.814659	55.89	PK-U	38.6	0	-44.45	50.04	-	-	88.2	-38.16	360	101	V
	13.814381	44.44	ADR	38.6	0	-44.45	38.59	68.2	-29.61	-	-	360	101	V
3	13.815816	55.8	PK-U	38.6	0	-44.51	49.89	-	-	88.2	-38.31	360	199	H
	13.815356	44.28	ADR	38.6	0	-44.47	38.41	68.2	-29.79	-	-	360	199	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



RADIATED EMISSIONS

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	226671 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)	Azimuth (Degs)	Height (cm)	Polarity
1	2.43158	59.94	PK-U	32.1	0	-50.24	41.8	-	-	88.2	-46.4	360	101	H
	2.430404	48.64	ADR	32.1	0	-50.19	30.67	68.2	-37.65	-	-	360	101	H
2	2.434777	60.46	PK-U	32.1	0	-50.21	42.35	-	-	88.2	-45.85	360	101	V
	2.431427	48.68	ADR	32.1	0	-50.23	30.67	68.2	-37.65	-	-	360	101	V
4	*3.677625	57.44	PK-U	33.2	0	-47.38	43.26	-	-	74	-30.74	360	199	V
	*3.678005	45.78	ADR	33.2	0	-47.39	31.71	54	-22.41	-	-	360	199	V
3	*3.688789	58.12	PK-U	33.3	0	-47.46	43.96	-	-	74	-30.04	360	199	H
	*3.689961	46.22	ADR	33.3	0	-47.49	32.15	54	-21.97	-	-	360	199	H
5	*12.173079	55.36	PK-U	38.8	0	-44.12	50.04	-	-	74	-23.96	360	101	H
	*12.174634	43.23	ADR	38.8	0	-44.11	38.04	54	-16.08	-	-	360	101	H
6	*12.174614	55.05	PK-U	38.8	0	-44.11	49.74	-	-	74	-24.26	360	199	V
	*12.171582	43.26	ADR	38.8	0	-44.09	38.09	54	-16.03	-	-	360	199	V

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

PK-U - U-NII: Maximum Peak

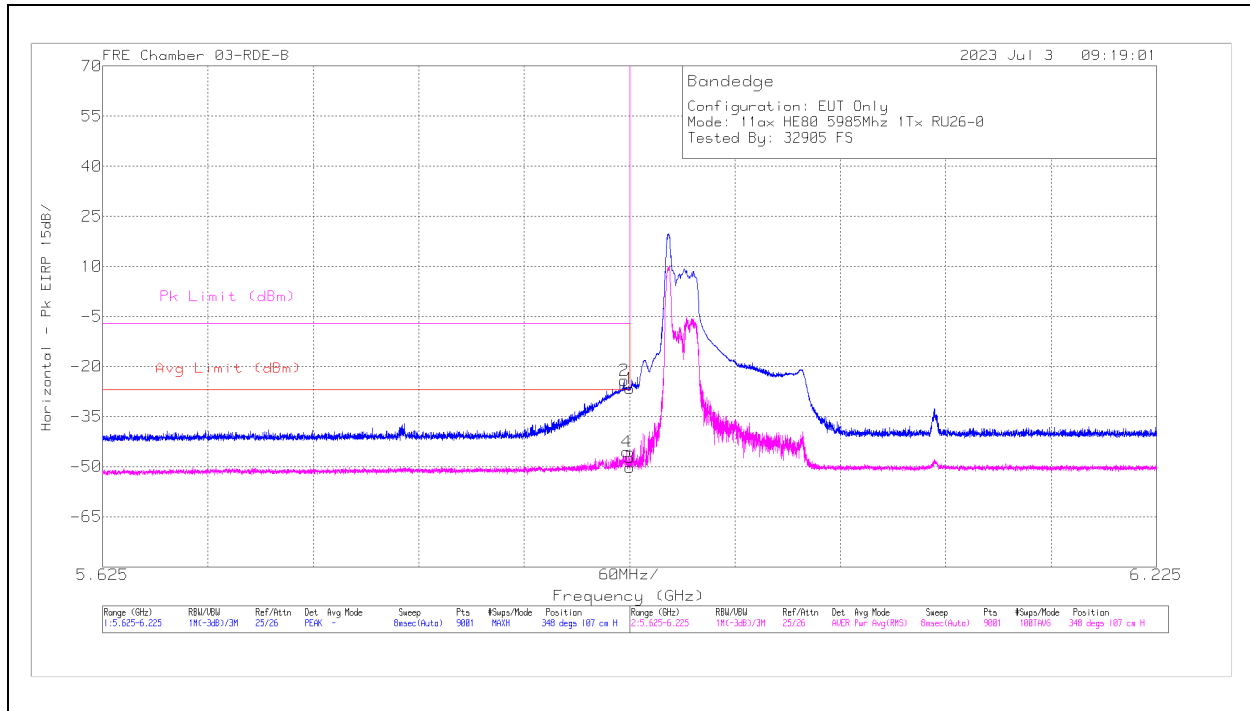
ADR - U-NII AD primary method, RMS average

1.1.3. 802.11ax HE80 MODE IN THE UNII-5 BAND

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

BANDEDGE (LOW CHANNEL)

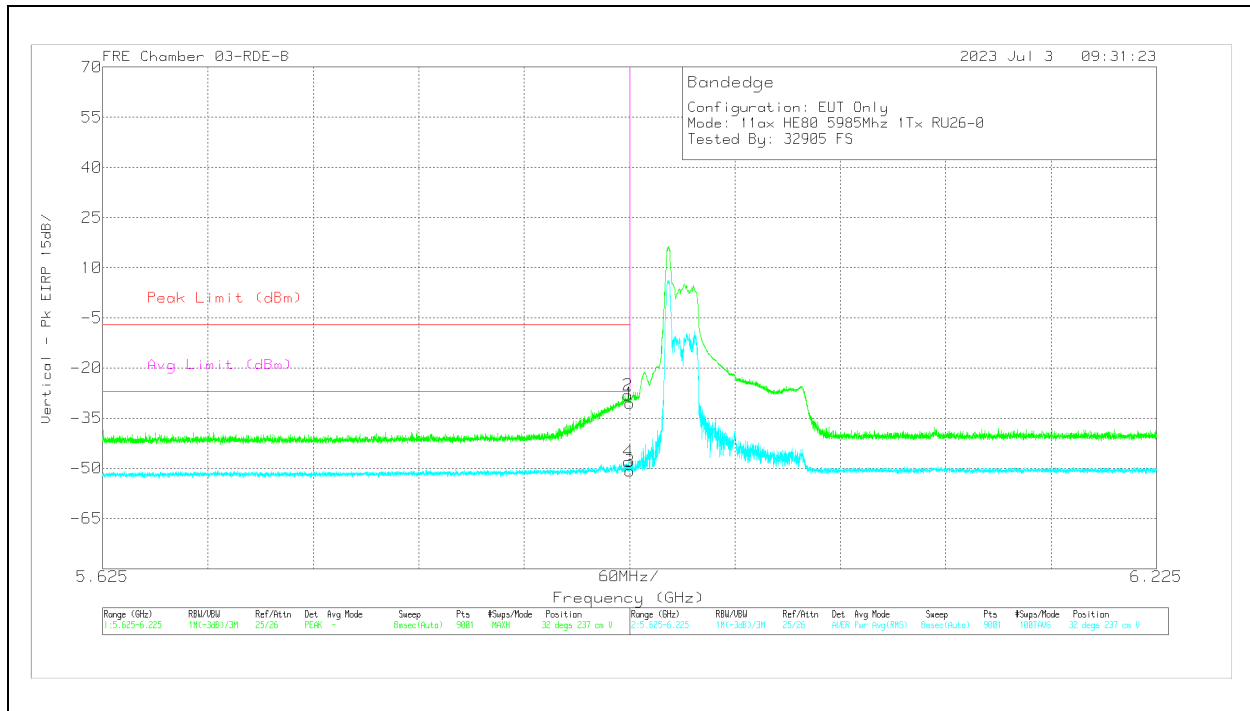
HORIZONTAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBm)	Det	230300 ACF (dB/m)	Conversion Factor (dB)	DCCF (dB)	Gain/Loss (dB)	Corrected Reading EIRP	Avg Limit (dBm)	RMS Margin (dB)	Pk Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
2	5.922001	-32.61	Pk	34.9	11.8	0	-38.3	-24.21	-	-	-7	-17.21	348	107	H
4	5.923201	-54.43	RMS	34.9	11.8	.49	-38.28	-45.52	-27	-18.52	-	-	348	107	H
1	5.925	-35.08	Pk	34.9	11.8	0	-38.3	-26.68	-	-	-7	-19.68	348	107	H
3	5.925	-59.09	RMS	34.9	11.8	.49	-38.3	-50.20	-27	-23.20	-	-	348	107	H

Pk - Peak detector
RMS - RMS detection

VERTICAL RESULT



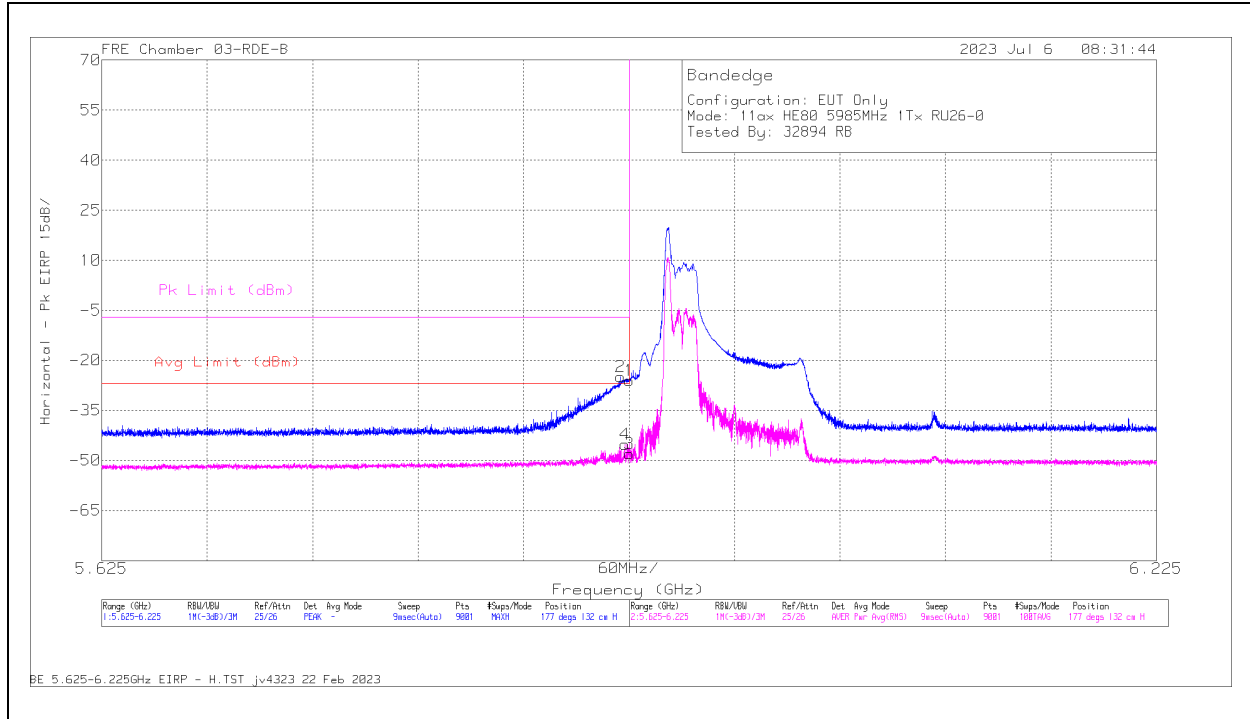
Marker	Frequency (GHz)	Meter Reading (dBm)	Det	230300 ACF (dB/m)	Conversion Factor (dB)	DCCF (dB)	Gain/Loss (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Avg Limit (dBm)	RMS Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
2	5.924202	-36.63	Pk	34.9	11.8	0	-38.22	-28.15	-7	-21.15	-	-	32	237	V
4	5.924468	-56.91	RMS	34.9	11.8	.49	-38.25	-47.97	-	-	-27	-20.97	32	237	V
1	5.925	-38.93	Pk	34.9	11.8	0	-38.3	-30.53	-7	-23.53	-	-	32	237	V
3	5.925	-59.79	RMS	34.9	11.8	.49	-38.3	-50.90	-	-	-27	-23.90	32	237	V

PK - Peak detector
RMS - RMS detection

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

BANDEDGE (LOW CHANNEL)

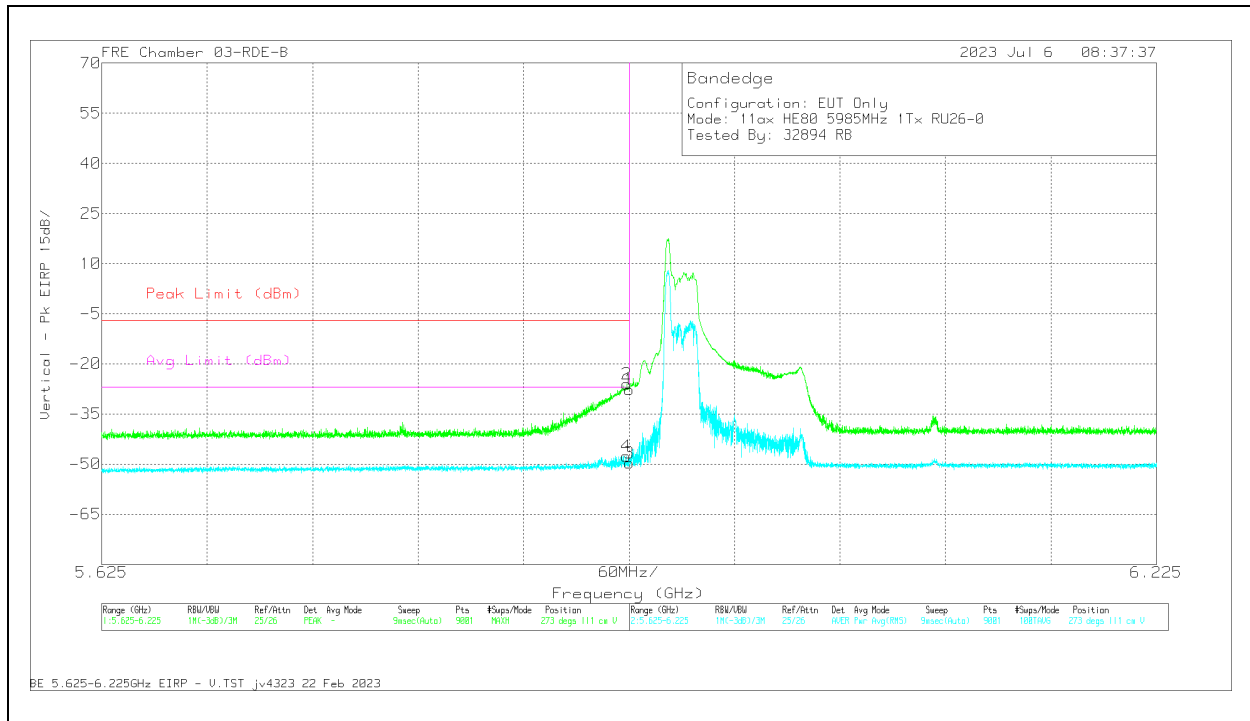
HORIZONTAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBm)	Det	230300 ACF (dB/m)	Conversion Factor (dB)	DCCF (dB)	Gain/Loss (dB)	Corrected Reading EIRP	Avg Limit (dBm)	RMS Margin (dB)	Pk Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
2	5.920135	-33.42	Pk	34.9	11.8	0	-38.2	-24.92	-	-	-7	-17.92	177	132	H
4	5.922535	-53.99	RMS	34.9	11.8	.49	-38.3	-45.1	-27	-18.1	-	-	177	132	H
1	5.925	-34.48	Pk	34.9	11.8	0	-38.3	-26.08	-	-	-7	-19.08	177	132	H
3	5.925	-56.83	RMS	34.9	11.8	.49	-38.3	-47.94	-27	-20.94	-	-	177	132	H

Pk - Peak detector
RMS - RMS detection

VERTICAL RESULT



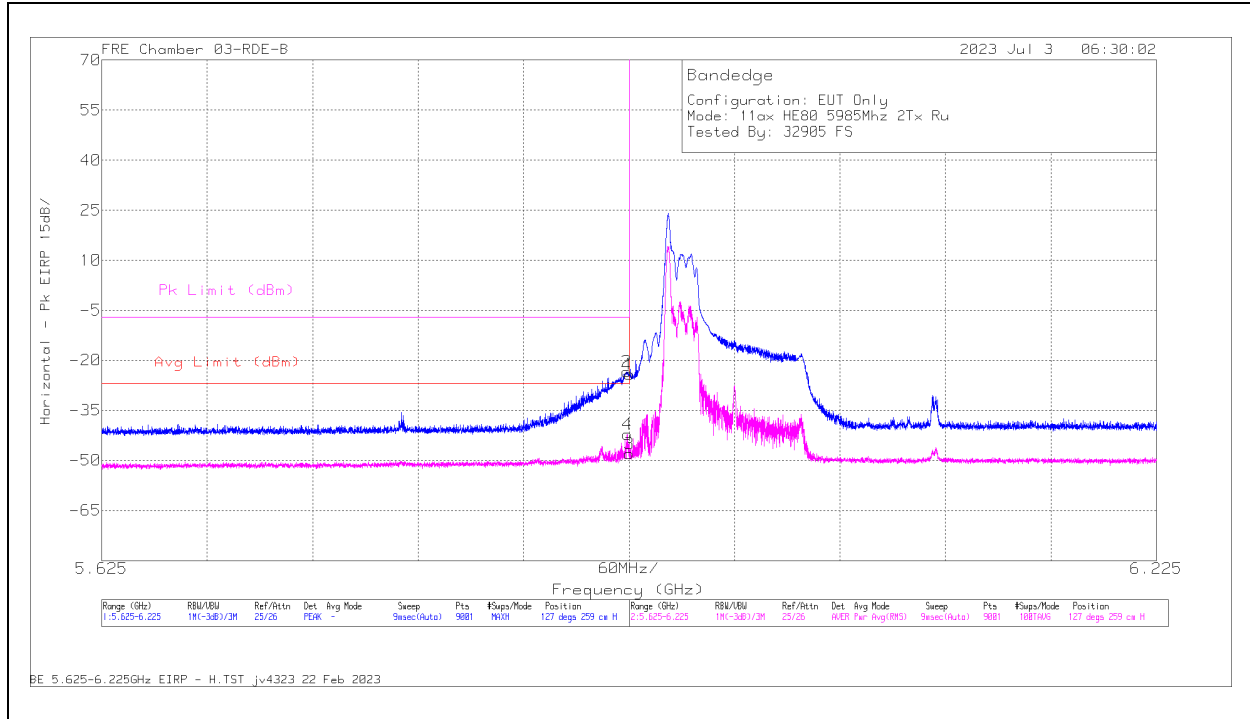
Marker	Frequency (GHz)	Meter Reading (dBm)	Det	230300 ACF (dB/m)	Conversion Factor (dB)	DCCF (dB)	Gain/Loss (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Avg Limit (dBm)	RMS Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
4	5.923335	-56.53	RMS	34.9	11.8	.49	-38.27	-47.61	-	-	-27	-20.61	273	111	V
2	5.923901	-34.45	Pk	34.9	11.8	0	-38.22	-25.97	-7	-18.97	-	-	273	111	V
1	5.925	-36.07	Pk	34.9	11.8	0	-38.3	-27.67	-7	-20.67	-	-	273	111	V
3	5.925	-58.65	RMS	34.9	11.8	.49	-38.3	-49.76	-	-	-27	-22.76	273	111	V

PK - Peak detector
RMS - RMS detection

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

BANDEDGE (LOW CHANNEL)

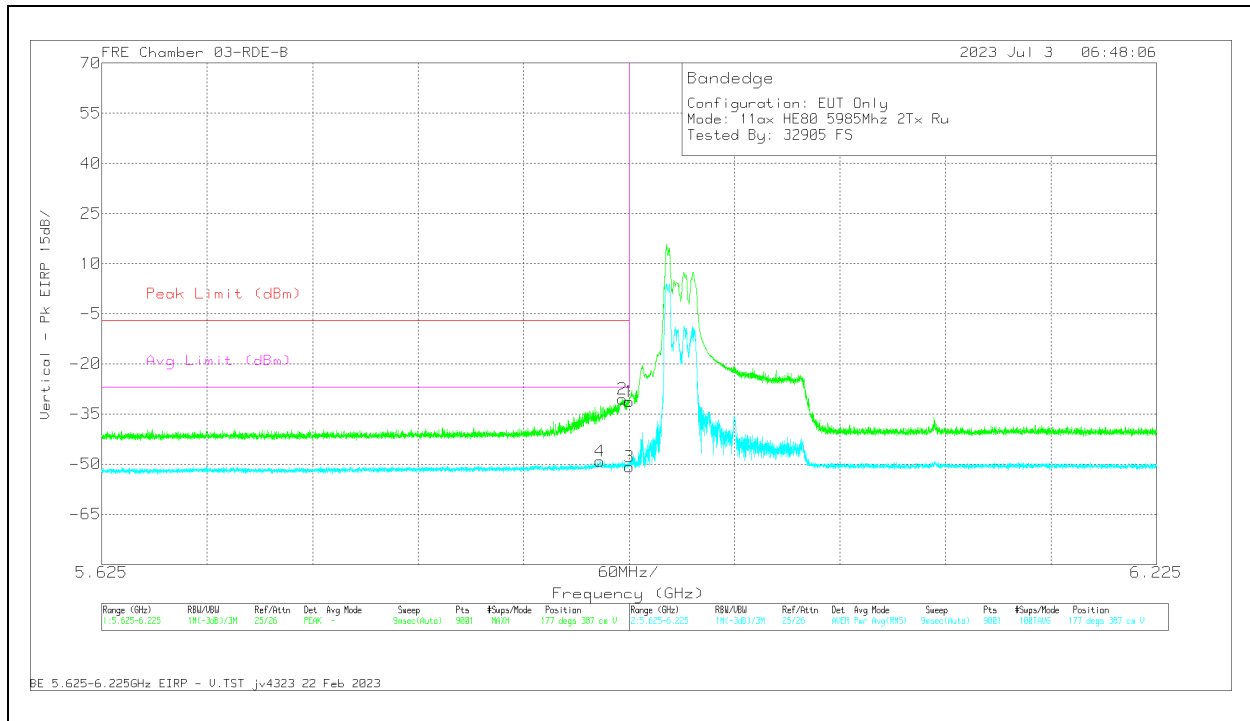
HORIZONTAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBm)	Det	230300 ACF (dB/m)	Conversion Factor (dB)	DCCF (dB)	Gain/Loss (dB)	Corrected Reading EIRP	Avg Limit (dBm)	RMS Margin (dB)	Pk Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
2	5.923601	-31.95	Pk	34.9	11.8	0	-38.24	-23.49	-	-	-7	-16.49	127	259	H
4	5.924002	-51.17	RMS	34.9	11.8	.49	-38.2	-42.18	-27	-15.18	-	-	127	259	H
1	5.925	-32.53	Pk	34.9	11.8	0	-38.3	-24.13	-	-	-7	-17.13	127	259	H
3	5.925	-56.87	RMS	34.9	11.8	.49	-38.3	-47.98	-27	-20.98	-	-	127	259	H

Pk - Peak detector
RMS - RMS detection

VERTICAL RESULT

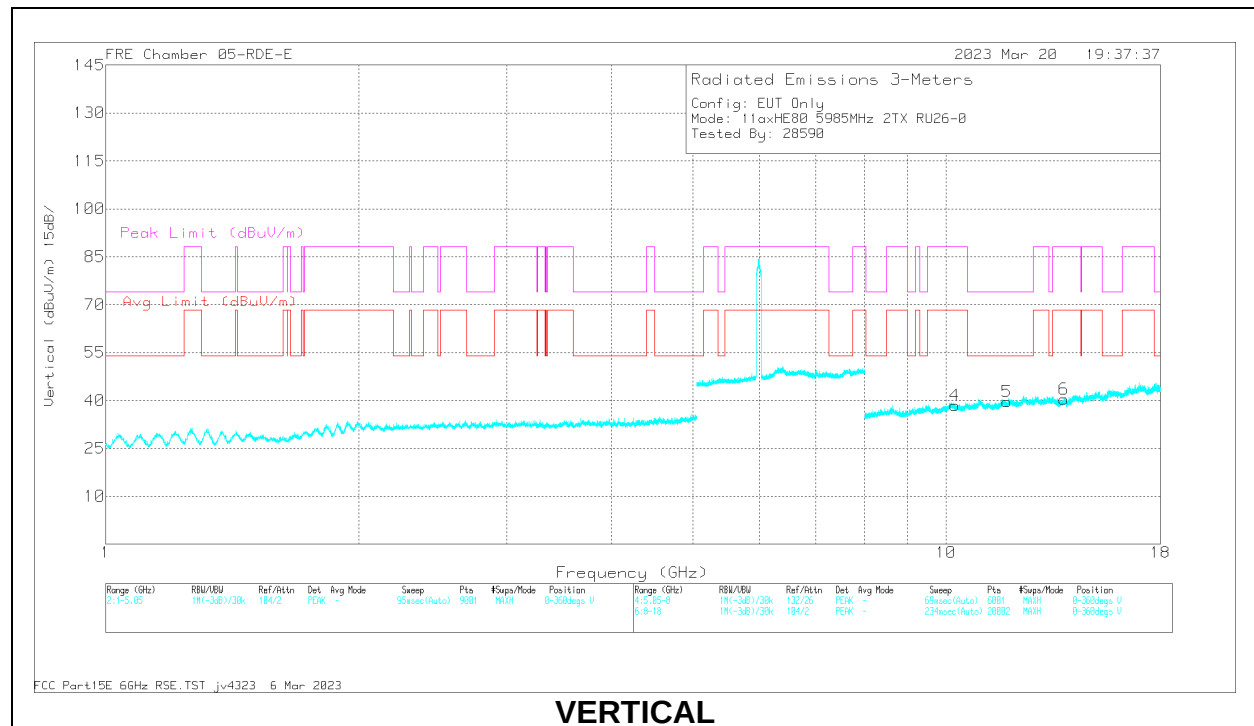
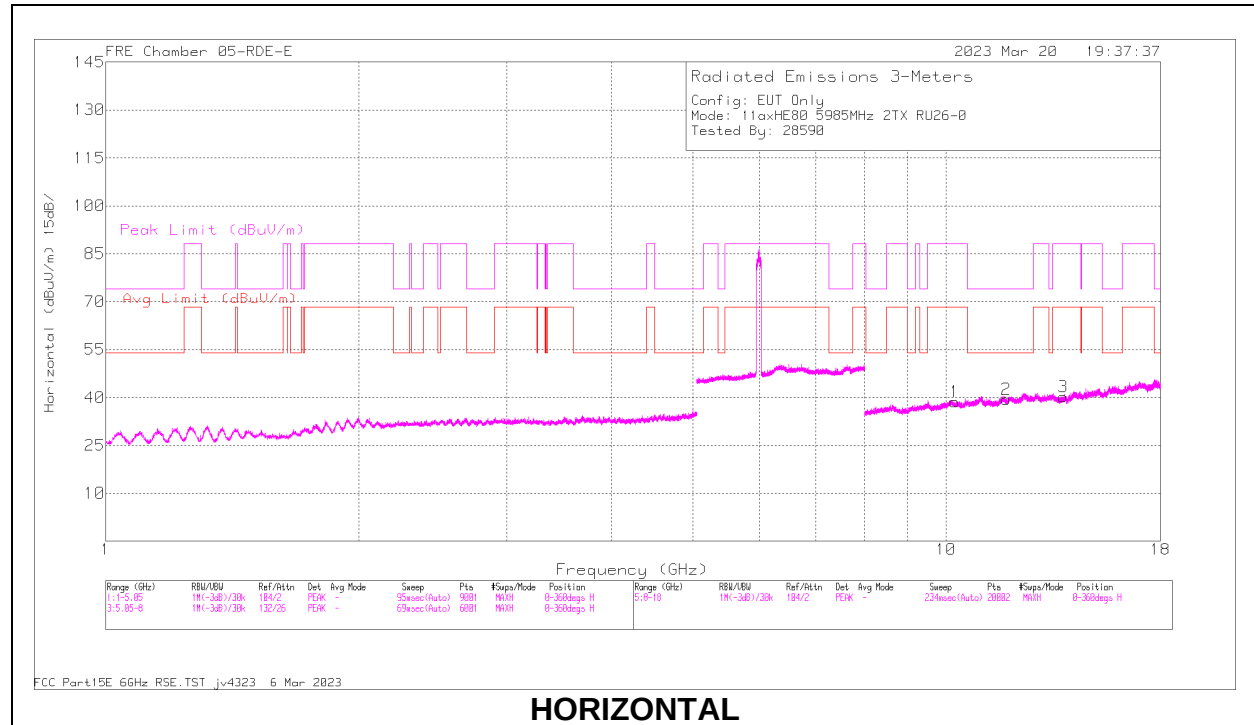


Marker	Frequency (GHz)	Meter Reading (dBm)	Det	230300 ACF (dB/m)	Conversion Factor (dB)	DCCF (dB)	Gain/Loss (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Avg Limit (dBm)	RMS Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
4	5.908535	-57.97	RMS	34.8	11.8	.49	-38.3	-49.18	-	-	-27	-22.18	177	387	V
2	5.921401	-39.01	Pk	34.9	11.8	0	-38.24	-30.55	-7	-23.55	-	-	177	387	V
1	5.925	-39.63	Pk	34.9	11.8	0	-38.3	-31.23	-7	-24.23	-	-	177	387	V
3	5.925	-59.67	RMS	34.9	11.8	.49	-38.3	-50.78	-	-	-27	-23.78	177	387	V

PK - Peak detector
RMS - RMS detection

HARMONICS AND SPURIOUS EMISSIONS

LOW CHANNEL RESULTS



RADIATED EMISSIONS

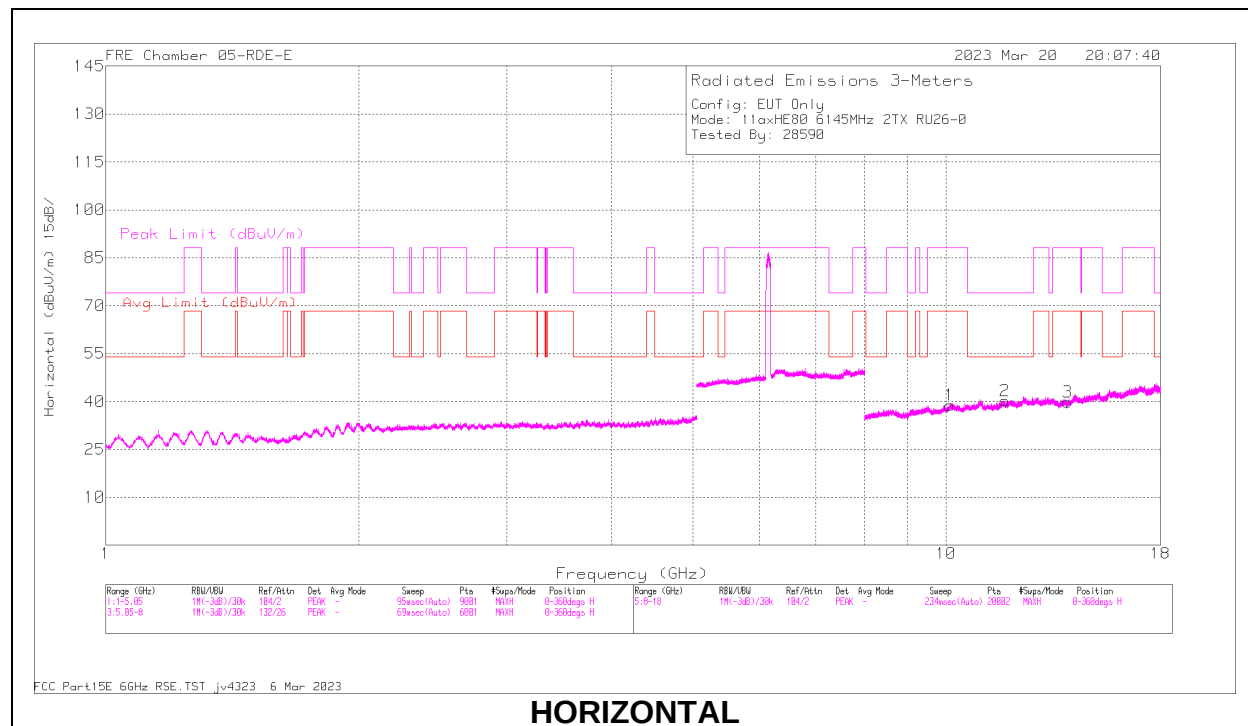
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	226671 ACF (dB) 3mH	DCCF (dB)	Gain/Loss (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
2	*11.793201	55.5	PK-U	38.4	0	-43.91	49.99	-	-	74	-24.01	360	101	H
	*11.793762	43.62	ADR	38.4	0	-43.9	38.12	54	-15.88	-	-	360	101	H
5	*11.810324	55.71	PK-U	38.5	0	-43.9	50.31	-	-	74	-23.69	360	101	V
	*11.809955	43.45	ADR	38.5	0	-43.89	38.06	54	-15.94	-	-	360	101	V
4	10.25003	57.73	PK-U	37.5	0	-46.91	48.32	-	-	88.2	-39.88	360	101	V
	10.251689	46.19	ADR	37.5	0	-46.87	36.82	68.2	-31.38	-	-	360	101	V
1	10.25213	57.99	PK-U	37.5	0	-46.87	48.62	-	-	88.2	-39.58	360	199	H
	10.252842	46.19	ADR	37.5	0	-46.89	36.8	68.2	-31.4	-	-	360	199	H
3	13.799419	55.54	PK-U	38.6	0	-44.5	49.64	-	-	88.2	-38.56	360	199	H
	13.800053	44.04	ADR	38.6	0	-44.5	38.14	68.2	-30.06	-	-	360	199	H
6	13.823761	56.7	PK-U	38.6	0	-44.72	50.58	-	-	88.2	-37.62	360	200	V
	13.824882	44.46	ADR	38.6	0	-44.7	38.36	68.2	-29.84	-	-	360	200	V

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

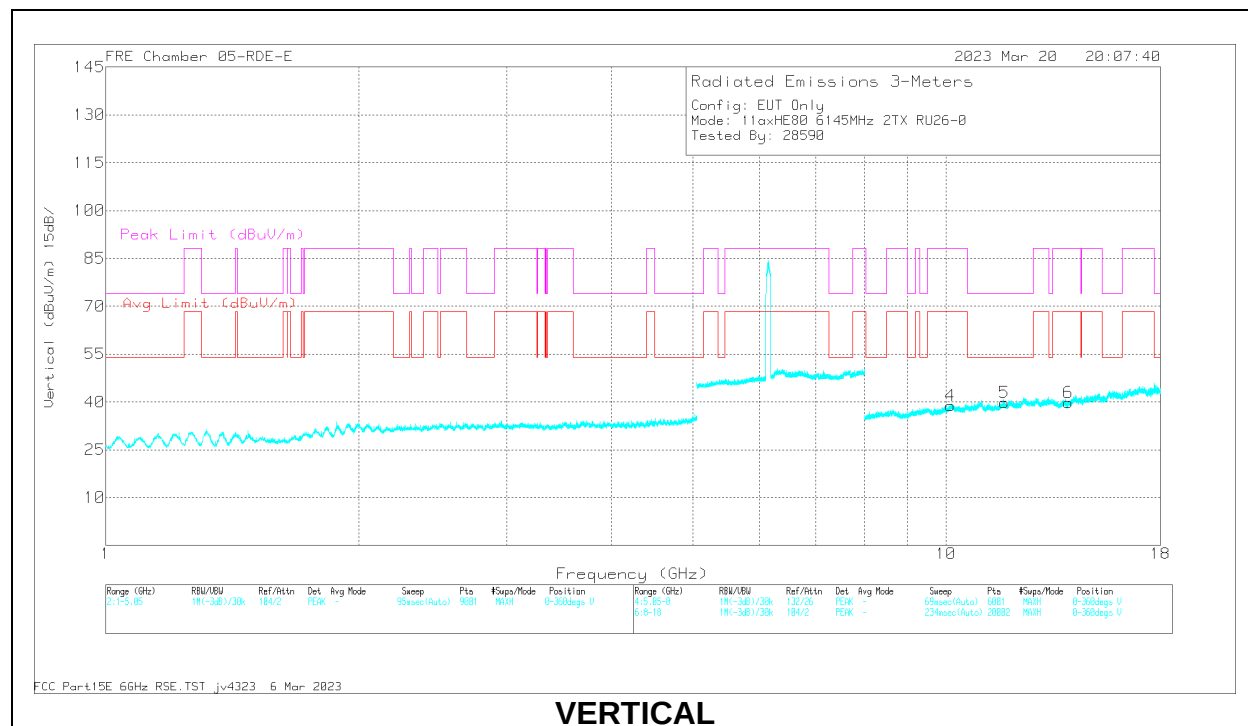
PK-U - U-NII: Maximum Peak

ADR - U-NII AD primary method, RMS average

MID CHANNEL RESULTS



HORIZONTAL



VERTICAL

RADIATED EMISSIONS

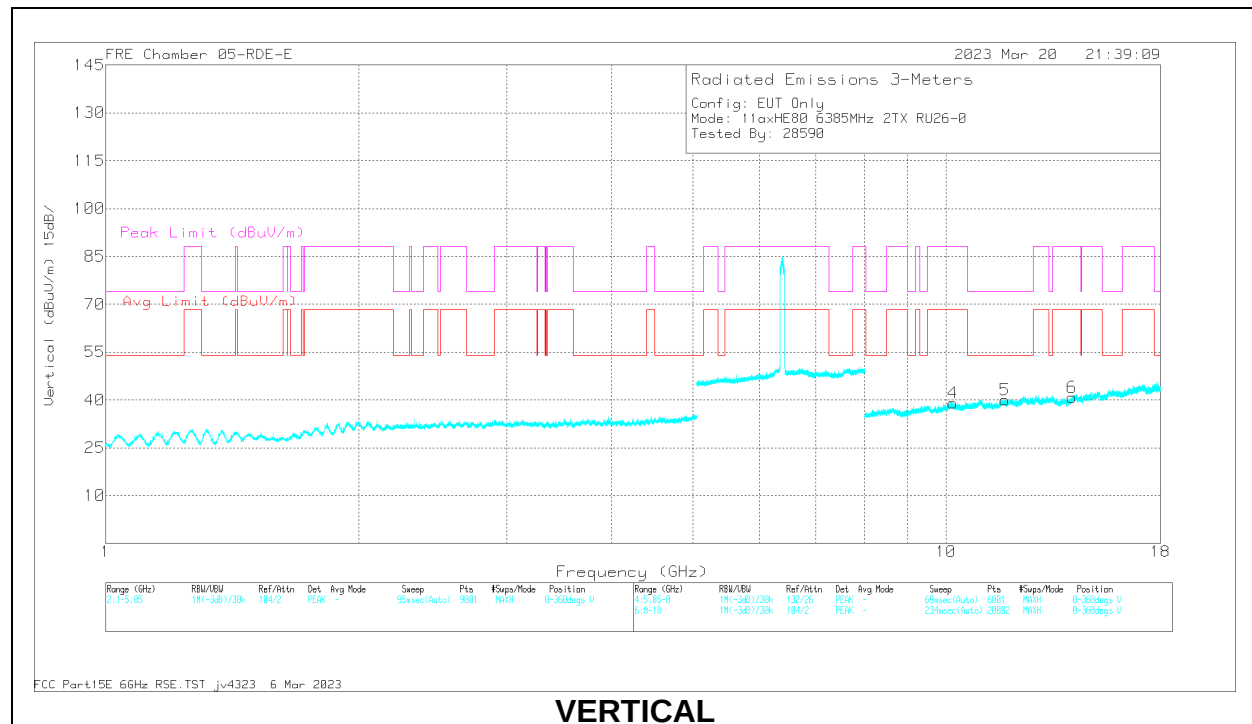
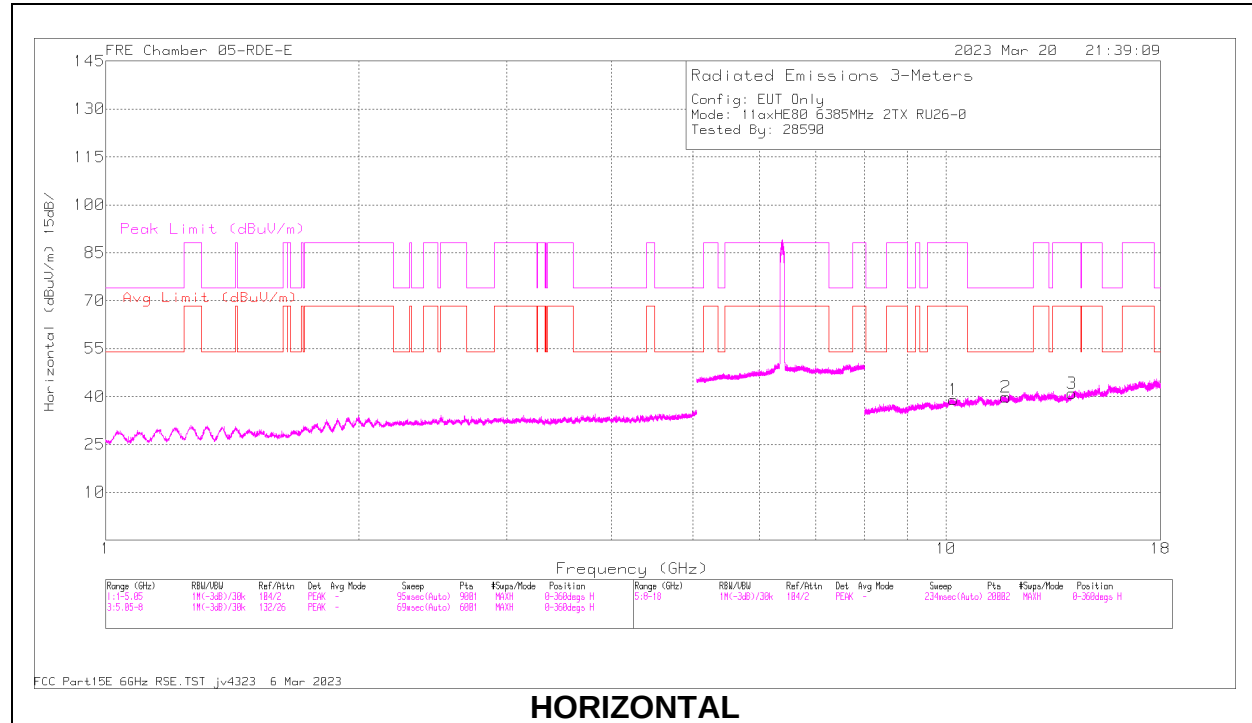
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	226671 ACF (dB) 3mH	DCCF (dB)	Gain/Loss (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
2	*11.761405	55.43	PK-U	38.4	0	-43.7	50.13	-	-	74	-23.87	360	101	H
	*11.76121	43.71	ADR	38.4	0	-43.69	38.42	54	-15.58	-	-	360	101	H
5	*11.745918	55.39	PK-U	38.4	0	-43.46	50.33	-	-	74	-23.67	360	101	V
	*11.744718	43.8	ADR	38.4	0	-43.45	38.75	54	-15.25	-	-	360	101	V
1	10.108451	58.96	PK-U	37.3	0	-47.12	49.14	-	-	88.2	-39.06	360	199	H
	10.107725	46.78	ADR	37.3	0	-47.07	37.01	68.2	-31.19	-	-	360	199	H
4	10.117278	58.36	PK-U	37.4	0	-46.93	48.83	-	-	88.2	-39.37	360	101	V
	10.117533	46.79	ADR	37.4	0	-46.93	37.26	68.2	-30.94	-	-	360	101	V
3	13.962852	55.75	PK-U	38.7	0	-44.74	49.71	-	-	88.2	-38.49	360	101	H
	13.961856	44.31	ADR	38.7	0	-44.71	38.3	68.2	-29.9	-	-	360	101	H
6	13.98163	56.13	PK-U	38.7	0	-44.9	49.93	-	-	88.2	-38.27	360	199	V
	13.981326	44.22	ADR	38.7	0	-44.88	38.04	68.2	-30.16	-	-	360	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

HIGH CHANNEL RESULTS



RADIATED EMISSIONS

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	226671 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)	Azimuth (Degs)	Height (cm)	Polarity
2	*11.784918	55.48	PK-U	38.4	0	-43.91	49.97	-	-	74	-24.03	360	101	H
	*11.785672	43.8	ADR	38.4	0	-43.9	38.3	54	-15.7	-	-	360	101	H
5	*11.757005	55.7	PK-U	38.4	0	-43.64	50.46	-	-	74	-23.54	360	200	V
	*11.757323	43.83	ADR	38.4	0	-43.65	38.58	54	-15.42	-	-	360	200	V
4	10.195725	58.38	PK-U	37.5	0	-46.59	49.29	-	-	88.2	-38.91	360	200	V
	10.195007	46.39	ADR	37.5	0	-46.58	37.31	68.2	-30.89	-	-	360	200	V
1	10.210842	57.75	PK-U	37.5	0	-46.51	48.74	-	-	88.2	-39.46	360	200	H
	10.210693	46.13	ADR	37.5	0	-46.51	37.12	68.2	-31.08	-	-	360	200	H
6	14.120786	56.02	PK-U	38.9	0	-44.28	50.64	-	-	88.2	-37.56	360	200	V
	14.121749	44.53	ADR	38.9	0	-44.29	39.14	68.2	-29.06	-	-	360	200	V
3	14.130704	55.89	PK-U	38.9	0	-44.19	50.6	-	-	88.2	-37.6	360	101	H
	14.128438	44.45	ADR	38.9	0	-44.24	39.11	68.2	-29.09	-	-	360	101	H

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

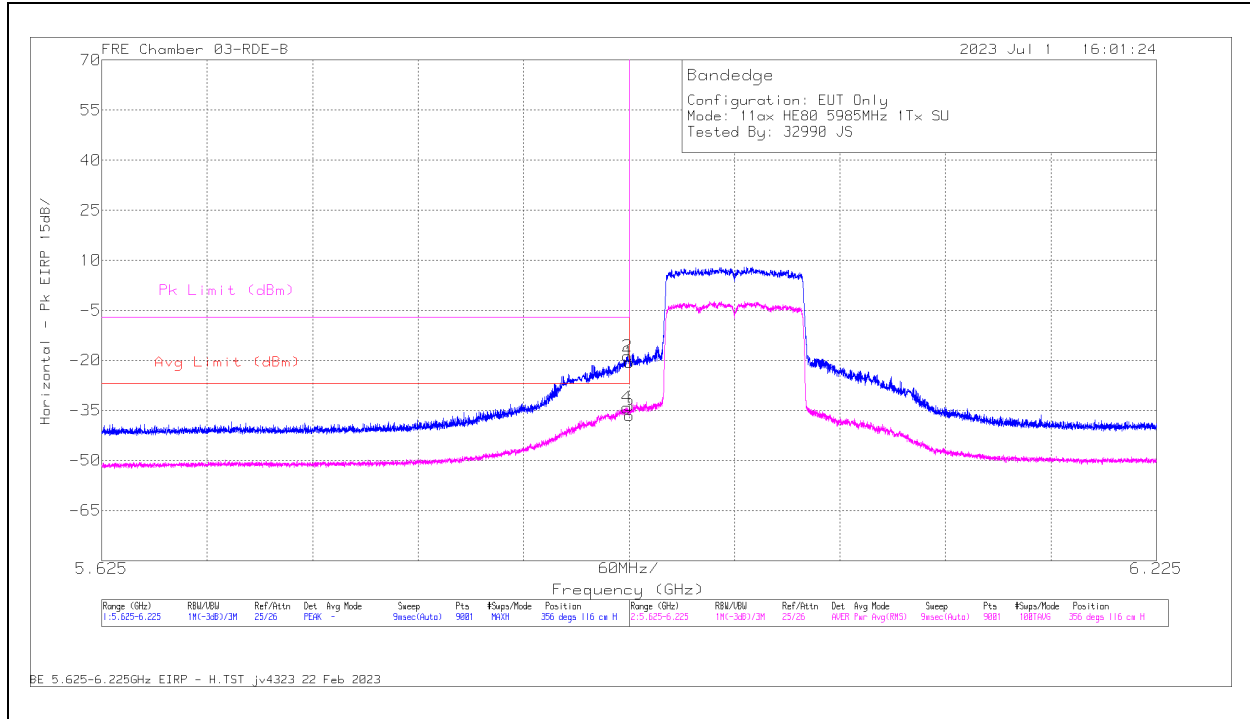
PK-U - U-NII: Maximum Peak

ADR - U-NII AD primary method, RMS average

1TX Antenna 6 MODE: SU, Single User

BANDEDGE (LOW CHANNEL)

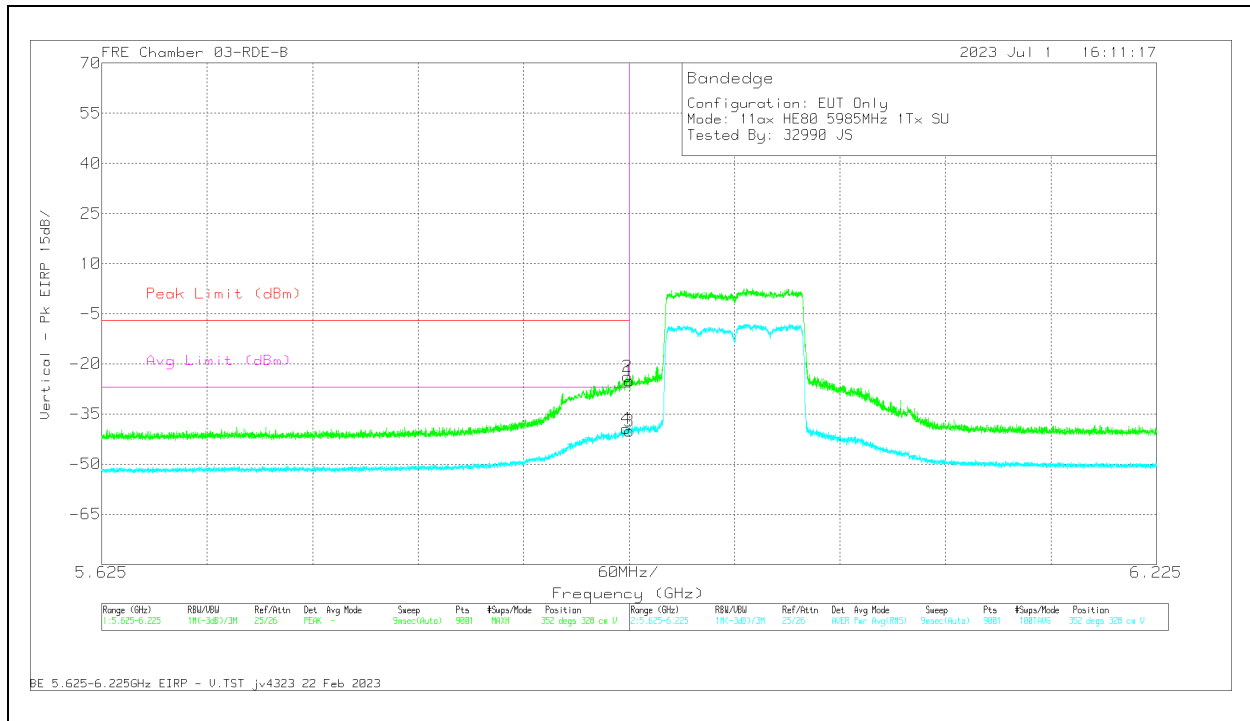
HORIZONTAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBm)	Det	230300 ACF (dB/m)	Conversion Factor (dB)	DCCF (dB)	Gain/Loss (dB)	Corrected Reading EIRP	Avg Limit (dBm)	RMS Margin (dB)	Pk Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
4	5.923735	-43.28	RMS	34.9	11.8	.62	-38.23	-34.19	-27	-7.19	-	-	356	116	H
2	5.924002	-27.13	Pk	34.9	11.8	0	-38.2	-18.63	-	-	-7	-11.63	356	116	H
1	5.925	-28.95	Pk	34.9	11.8	0	-38.3	-20.55	-	-	-7	-13.55	356	116	H
3	5.925	-45.47	RMS	34.9	11.8	.62	-38.3	-36.45	-27	-9.45	-	-	356	116	H

Pk - Peak detector
RMS - RMS detection

VERTICAL RESULT



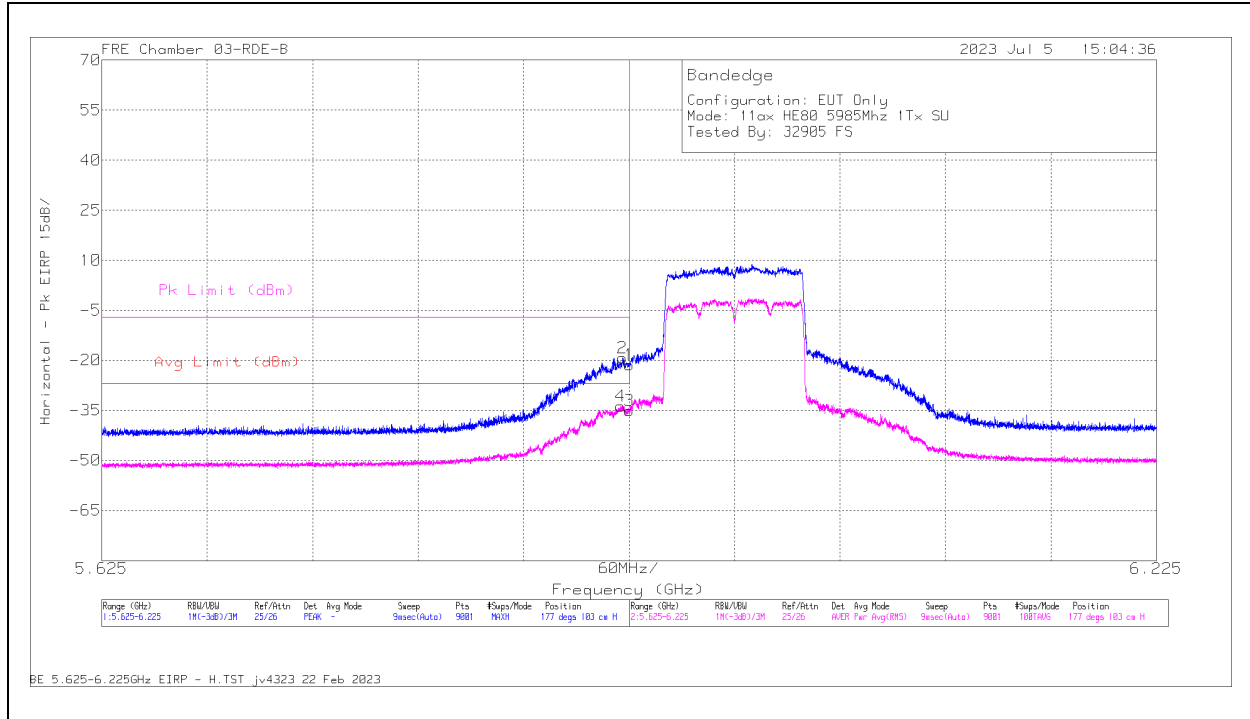
Marker	Frequency (GHz)	Meter Reading (dBm)	Det	230300 ACF (dB/m)	Conversion Factor (dB)	DCCF (dB)	Gain/Loss (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Avg Limit (dBm)	RMS Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
4	5.923268	-48.46	RMS	34.9	11.8	.62	-38.27	-39.41	-	-	-27	-12.41	352	328	V
2	5.924002	-32.34	Pk	34.9	11.8	0	-38.2	-23.84	-7	-16.84	-	-	352	328	V
1	5.925	-33.48	Pk	34.9	11.8	0	-38.3	-25.08	-7	-18.08	-	-	352	328	V
3	5.925	-49.06	RMS	34.9	11.8	.62	-38.3	-40.04	-	-	-27	-13.04	352	328	V

PK - Peak detector
RMS - RMS detection

1TX Antenna 5 MODE: SU, Single User

BANDEDGE (LOW CHANNEL)

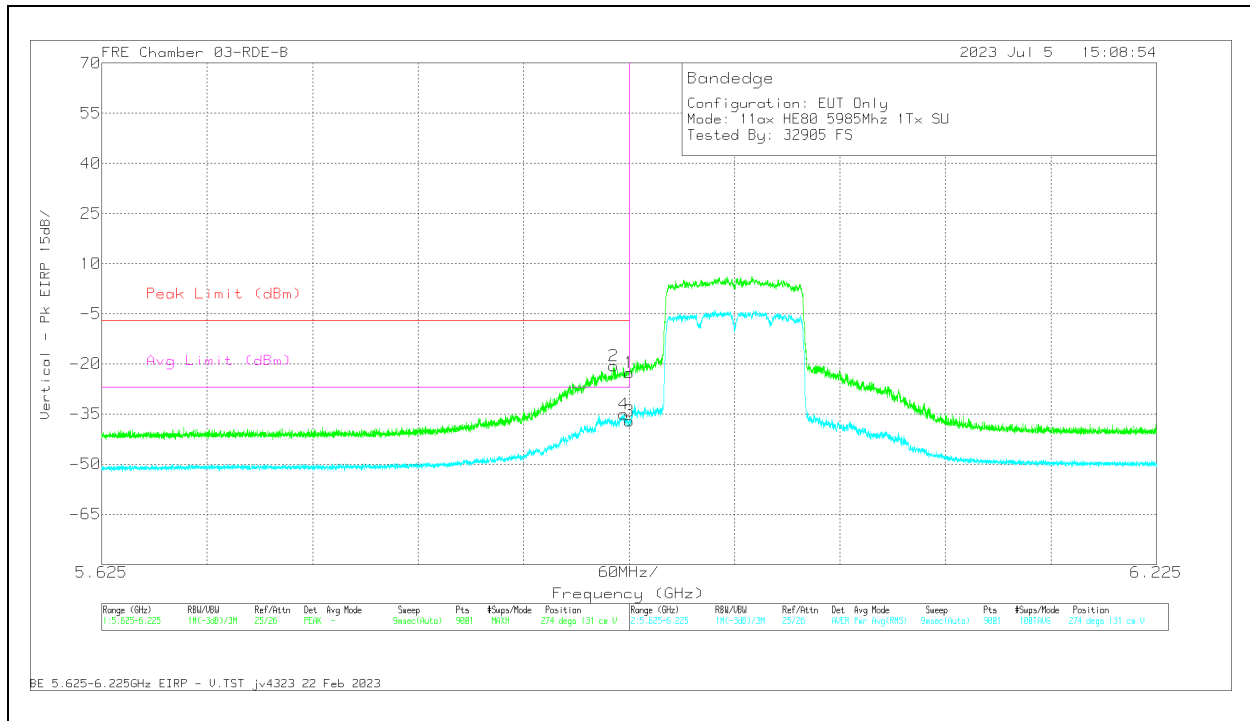
HORIZONTAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBm)	Det	230300 ACF (dB/m)	Conversion Factor (dB)	DCCF (dB)	Gain/Loss (dB)	Corrected Reading EIRP	Avg Limit (dBm)	RMS Margin (dB)	Pk Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
4	5.920068	-43.2	RMS	34.9	11.8	.62	-38.2	-34.08	-27	-7.08	-	-	177	103	H
2	5.921401	-27.66	Pk	34.9	11.8	0	-38.24	-19.2	-	-	-7	-12.2	177	103	H
1	5.925	-29.73	Pk	34.9	11.8	0	-38.3	-21.33	-	-	-7	-14.33	177	103	H
3	5.925	-44.55	RMS	34.9	11.8	.62	-38.3	-35.53	-27	-8.53	-	-	177	103	H

Pk - Peak detector
RMS - RMS detection

VERTICAL RESULT



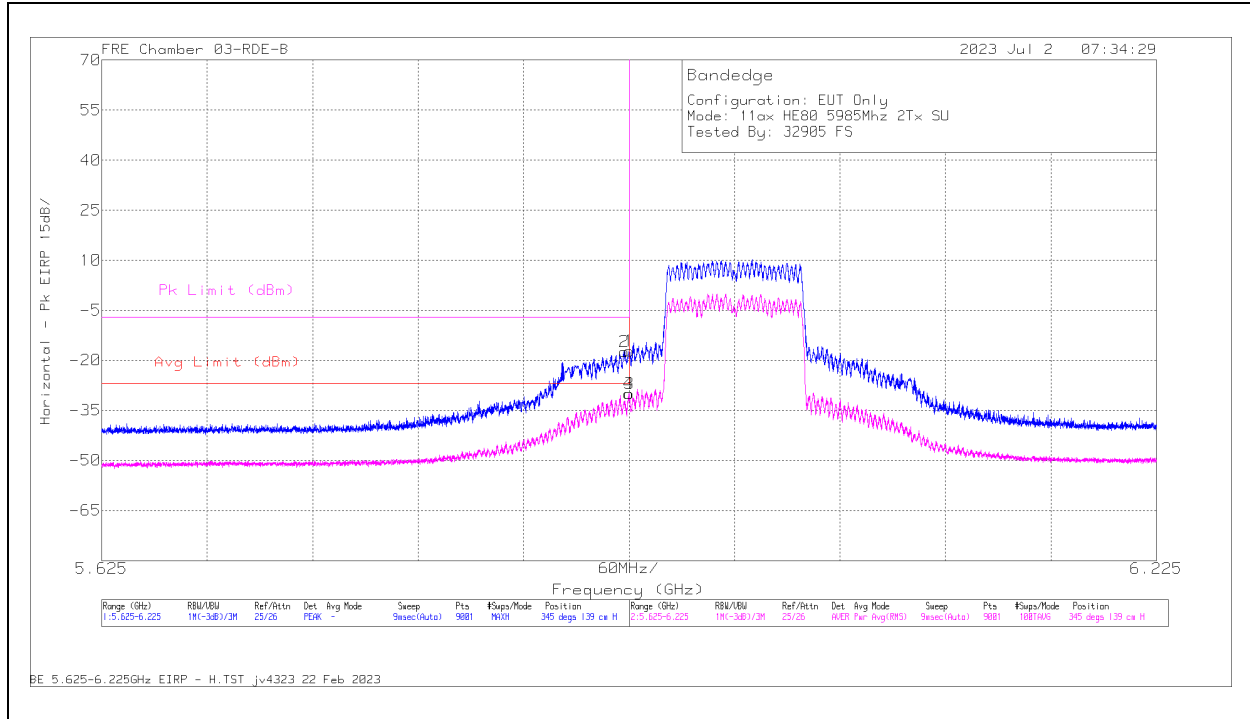
Marker	Frequency (GHz)	Meter Reading (dBm)	Det	230300 ACF (dB/m)	Conversion Factor (dB)	DCCF (dB)	Gain/Loss (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Avg Limit (dBm)	RMS Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
2	5.916135	-28.94	PK	34.8	11.8	0	-38.21	-20.55	-7	-13.55	-	-	274	131	V
4	5.922001	-44.5	RMS	34.9	11.8	.62	-38.3	-35.48	-	-	-27	-8.48	274	131	V
1	5.925	-31	PK	34.9	11.8	0	-38.3	-22.6	-7	-15.6	-	-	274	131	V
3	5.925	-46.62	RMS	34.9	11.8	.62	-38.3	-37.60	-	-	-27	-10.60	274	131	V

PK - Peak detector
RMS - RMS detection

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

BANDEDGE (LOW CHANNEL)

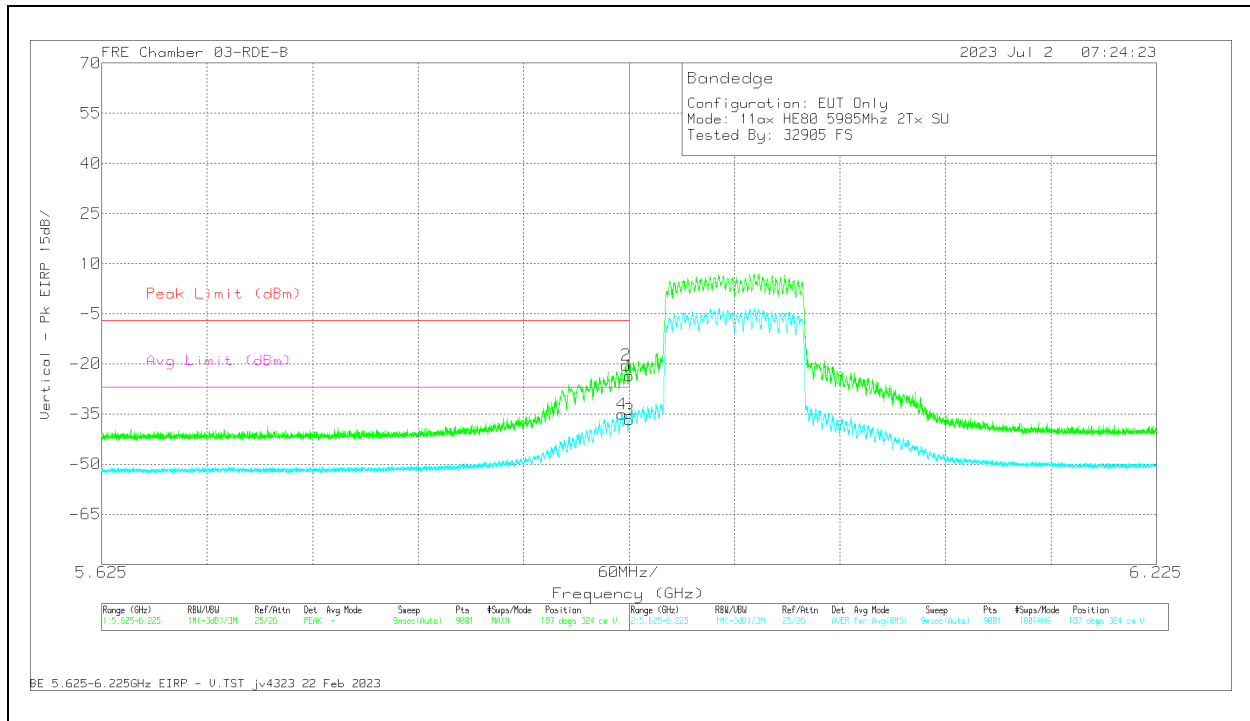
HORIZONTAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBm)	Det	230300 ACF (dB/m)	Conversion Factor (dB)	DCCF (dB)	Gain/Loss (dB)	Corrected Reading EIRP	Avg Limit (dBm)	RMS Margin (dB)	Pk Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
2	5.922135	-25.73	Pk	34.9	11.8	0	-38.3	-17.33	-	-	-7	-10.33	345	139	H
4	5.924935	-38.98	RMS	34.9	11.8	.62	-38.29	-29.95	-27	-2.95	-	-	345	139	H
1	5.925	-25.58	Pk	34.9	11.8	0	-38.3	-17.18	-	-	-7	-10.18	345	139	H
3	5.925	-39.01	RMS	34.9	11.8	.62	-38.3	-29.99	-27	-2.99	-	-	345	139	H

Pk - Peak detector
RMS - RMS detection

VERTICAL RESULT

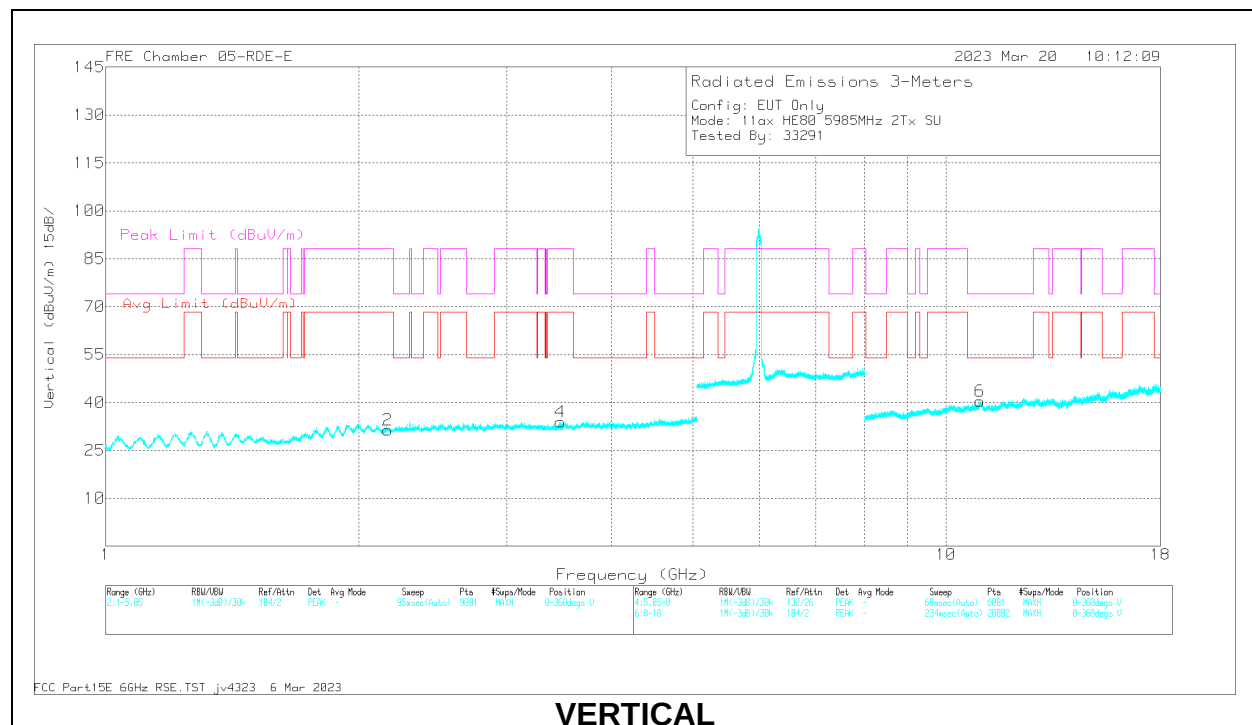
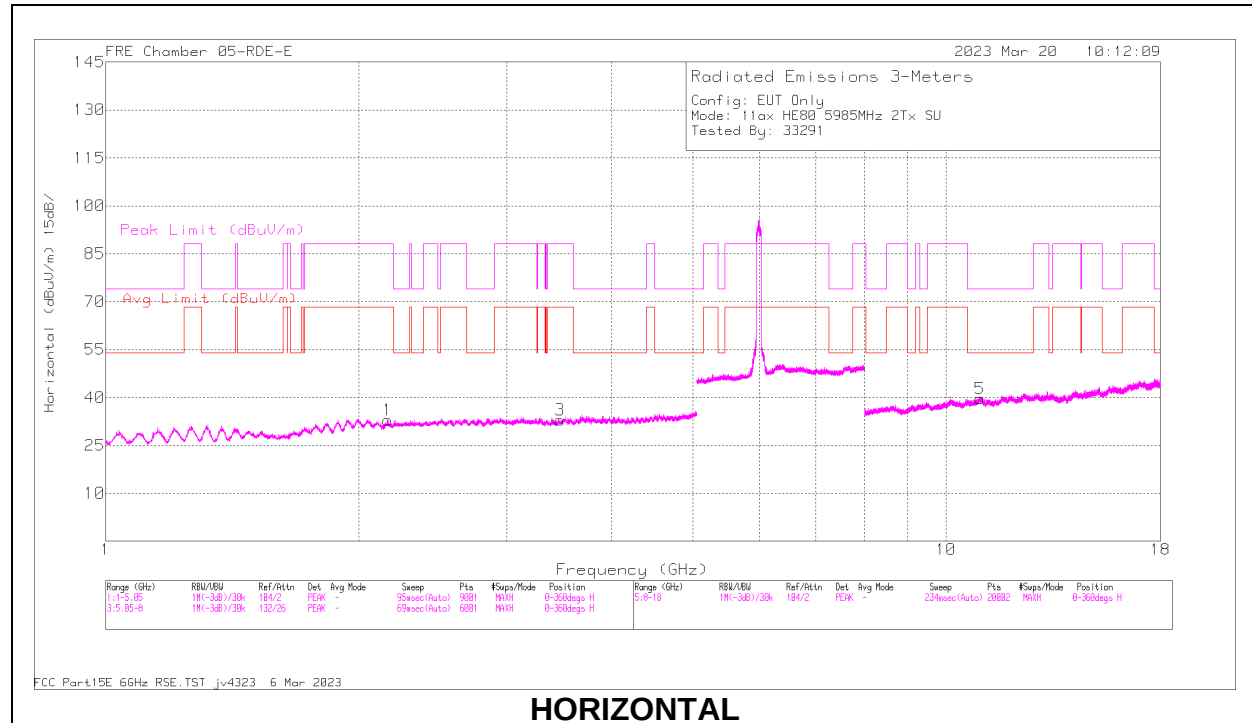


Marker	Frequency (GHz)	Meter Reading (dBm)	Det	230300 ACF (dB/m)	Conversion Factor (dB)	DCCF (dB)	Gain/Loss (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Avg Limit (dBm)	RMS Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
4	5.920801	-44.2	RMS	34.9	11.8	.62	-38.2	-35.08	-	-	-27	-8.08	187	324	V
2	5.923201	-28.87	Pk	34.9	11.8	0	-38.28	-20.45	-7	-13.45	-	-	187	324	V
1	5.925	-31.91	Pk	34.9	11.8	0	-38.3	-23.51	-7	-16.51	-	-	187	324	V
3	5.925	-45.64	RMS	34.9	11.8	.62	-38.3	-36.62	-	-	-27	-9.62	187	324	V

PK - Peak detector
RMS - RMS detection

HARMONICS AND SPURIOUS EMISSIONS

LOW CHANNEL RESULTS



RADIATED EMISSIONS

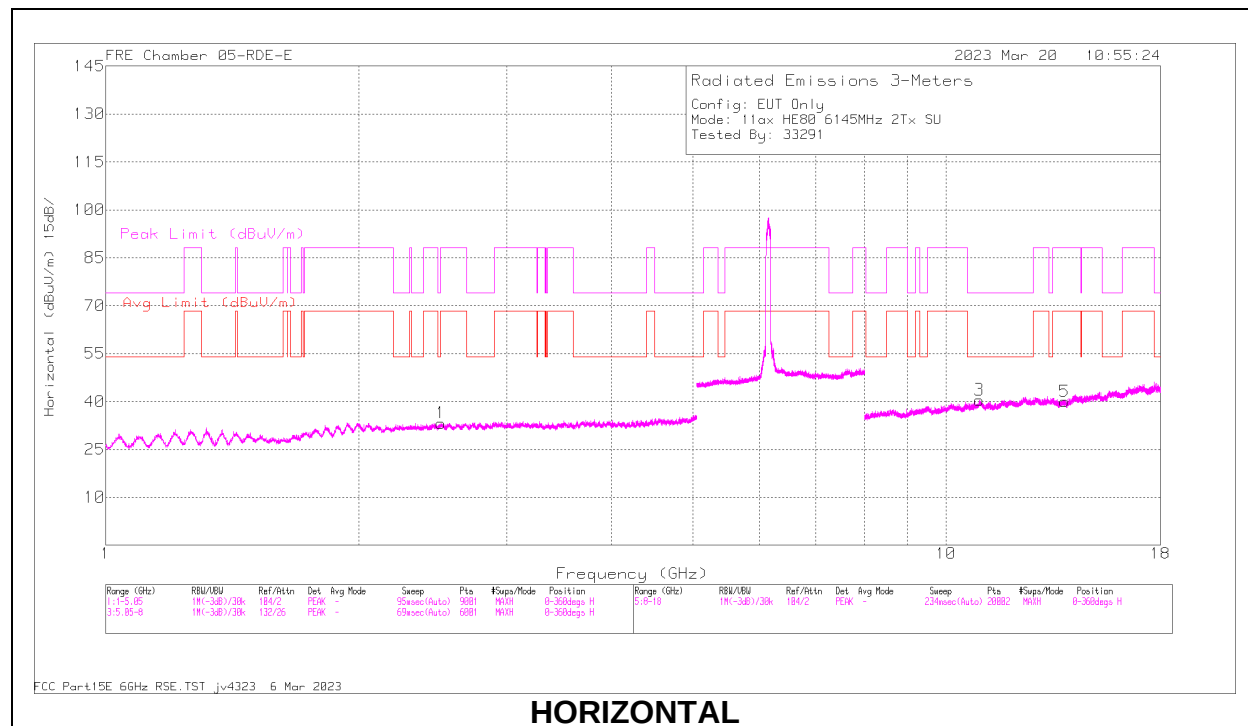
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	226671 ACF (dB) 3mH	DCCF (dB)	Gain/Loss (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
2	2.163686	61.14	PK-U	31.6	0	-50.37	42.37	-	-	88.2	-45.83	345	345	H
	2.166788	49.5	ADR	31.6	0	-50.51	30.59	68.2	-37.61	-	-	345	345	H
1	2.167209	61.29	PK-U	31.6	0	-50.52	42.37	-	-	88.2	-45.83	288	148	V
	2.168215	49.58	ADR	31.6	0	-50.52	30.66	68.2	-37.54	-	-	288	148	V
3	3.470417	57.98	PK-U	32.8	0	-47.3	43.48	-	-	88.2	-44.72	202	128	H
	3.467606	46.03	ADR	32.8	0	-47.35	31.48	68.2	-36.72	-	-	202	128	H
4	3.476694	57.47	PK-U	32.8	0	-47.36	42.91	-	-	88.2	-45.29	250	251	V
	3.475132	45.8	ADR	32.8	0	-47.34	31.26	68.2	-36.94	-	-	250	251	V
5	*10.973397	56	PK-U	37.9	0	-44.15	49.75	-	-	74	-24.25	250	199	H
	*10.972683	44.2	ADR	37.9	0	-44.14	37.96	54	-16.04	-	-	250	199	H
6	*10.976075	55.86	PK-U	37.9	0	-44.12	49.64	-	-	74	-24.36	250	101	V
	*10.974844	44.32	ADR	37.9	0	-44.12	38.1	54	-15.9	-	-	250	101	V

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

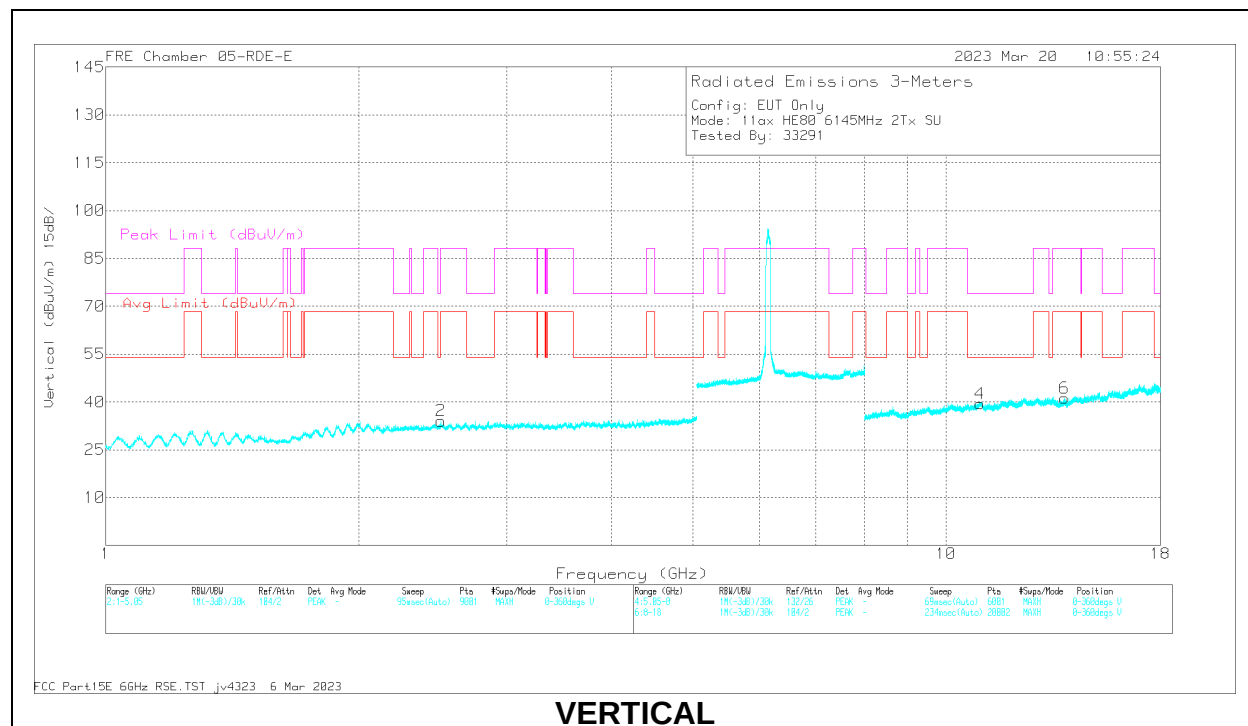
PK-U - U-NII: Maximum Peak

ADR - U-NII AD primary method, RMS average

MID CHANNEL RESULTS



HORIZONTAL



VERTICAL

RADIATED EMISSIONS

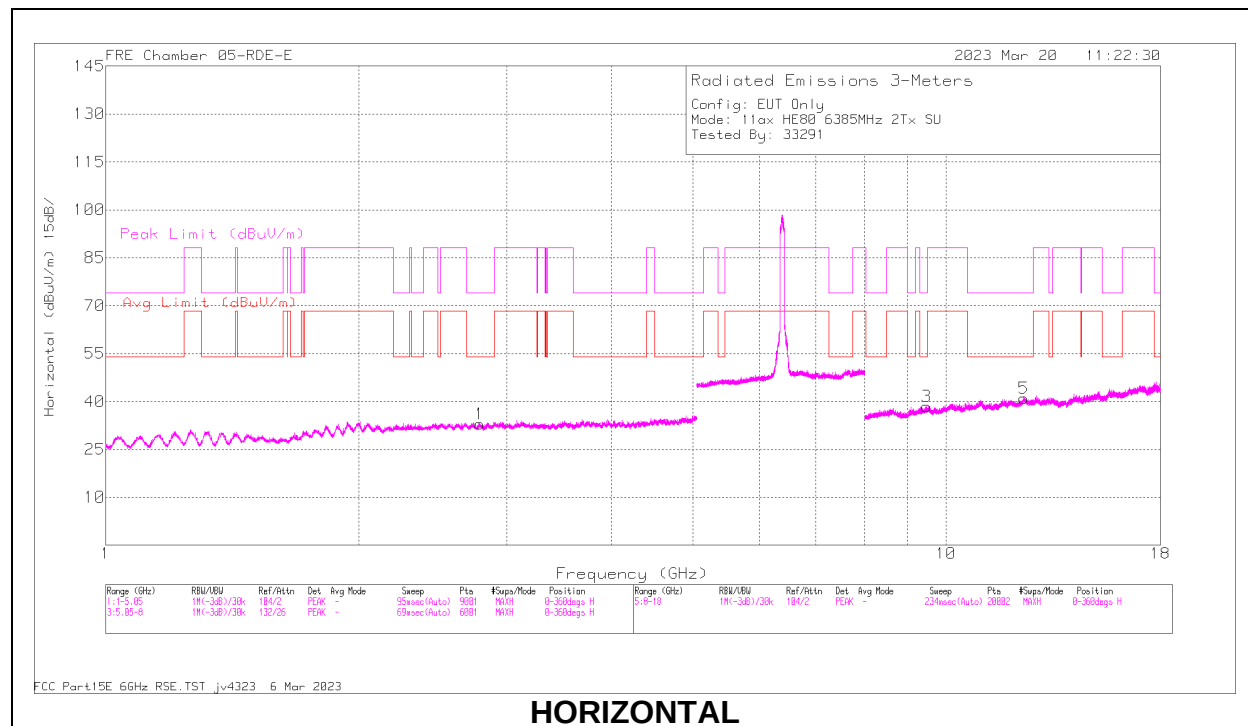
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	226671 ACF (dB) 3mH	DCCF (dB)	Gain/Loss (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	2.505501	61.27	PK-U	32.2	0	-49.84	43.63	-	-	88.2	-44.57	360	101	H
	2.504595	49.15	ADR	32.2	0	-49.86	31.49	68.2	-36.71	-	-	360	101	H
2	2.507458	60.86	PK-U	32.2	0	-49.86	43.2	-	-	88.2	-45	360	200	V
	2.506687	49.26	ADR	32.2	0	-49.84	31.62	68.2	-36.58	-	-	360	200	V
3	*10.96691	55.76	PK-U	37.9	0	-44.14	49.52	-	-	74	-24.48	360	200	H
	*10.966244	44.28	ADR	37.9	0	-44.18	38	54	-16	-	-	360	200	H
4	*10.968937	55.72	PK-U	37.9	0	-44.16	49.46	-	-	74	-24.54	360	200	V
	*10.967084	44.28	ADR	37.9	0	-44.14	38.04	54	-15.96	-	-	360	200	V
5	13.843547	56.38	PK-U	38.6	0	-44.82	50.16	-	-	88.2	-38.04	360	200	H
	13.842136	44.4	ADR	38.6	0	-44.84	38.16	68.2	-30.04	-	-	360	200	H
6	13.846378	56.56	PK-U	38.6	0	-44.86	50.3	-	-	88.2	-37.9	360	101	V
	13.843121	44.56	ADR	38.6	0	-44.81	38.35	68.2	-29.85	-	-	360	101	V

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

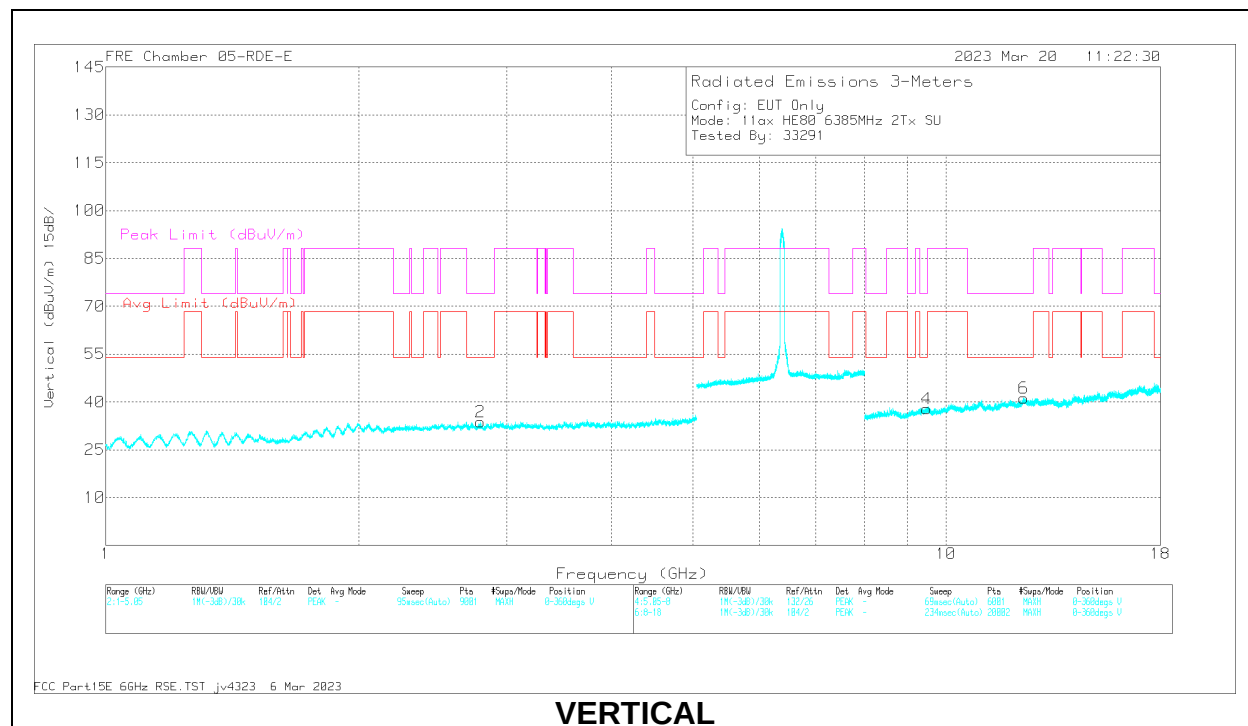
PK-U - U-NII: Maximum Peak

ADR - U-NII AD primary method, RMS average

HIGH CHANNEL RESULTS



HORIZONTAL



VERTICAL

RADIATED EMISSIONS

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	226671 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)	Azimuth (Degs)	Height (cm)	Polarity
1	*2.78838	60.18	PK-U	32.4	0	-49.17	43.41	-	-	74	-30.59	360	101	H
	*2.786041	48.22	ADR	32.4	0	-49.12	31.5	54	-22.5	-	-	360	101	H
2	*2.790392	59.64	PK-U	32.5	0	-49.18	42.96	-	-	74	-31.04	360	200	V
	*2.791672	48.34	ADR	32.5	0	-49.21	31.63	54	-22.37	-	-	360	200	V
3	*9.483343	57.46	PK-U	36.5	0	-46.13	47.83	-	-	74	-26.17	360	200	H
	*9.48423	46.08	ADR	36.5	0	-46.12	36.46	54	-17.54	-	-	360	200	H
4	*9.484934	56.93	PK-U	36.5	0	-46.1	47.33	-	-	74	-26.67	360	200	V
	*9.485101	45.94	ADR	36.5	0	-46.1	36.34	54	-17.66	-	-	360	200	V
6	*12.37571	54.46	PK-U	38.9	0	-43.28	50.08	-	-	74	-23.92	360	101	V
	*12.375504	42.91	ADR	38.9	0	-43.28	38.53	54	-15.47	-	-	360	101	V
5	*12.378901	54.54	PK-U	38.9	0	-43.29	50.15	-	-	74	-23.85	360	200	H
	*12.379446	43.01	ADR	38.9	0	-43.3	38.61	54	-15.39	-	-	360	200	H

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

PK-U - U-NII: Maximum Peak

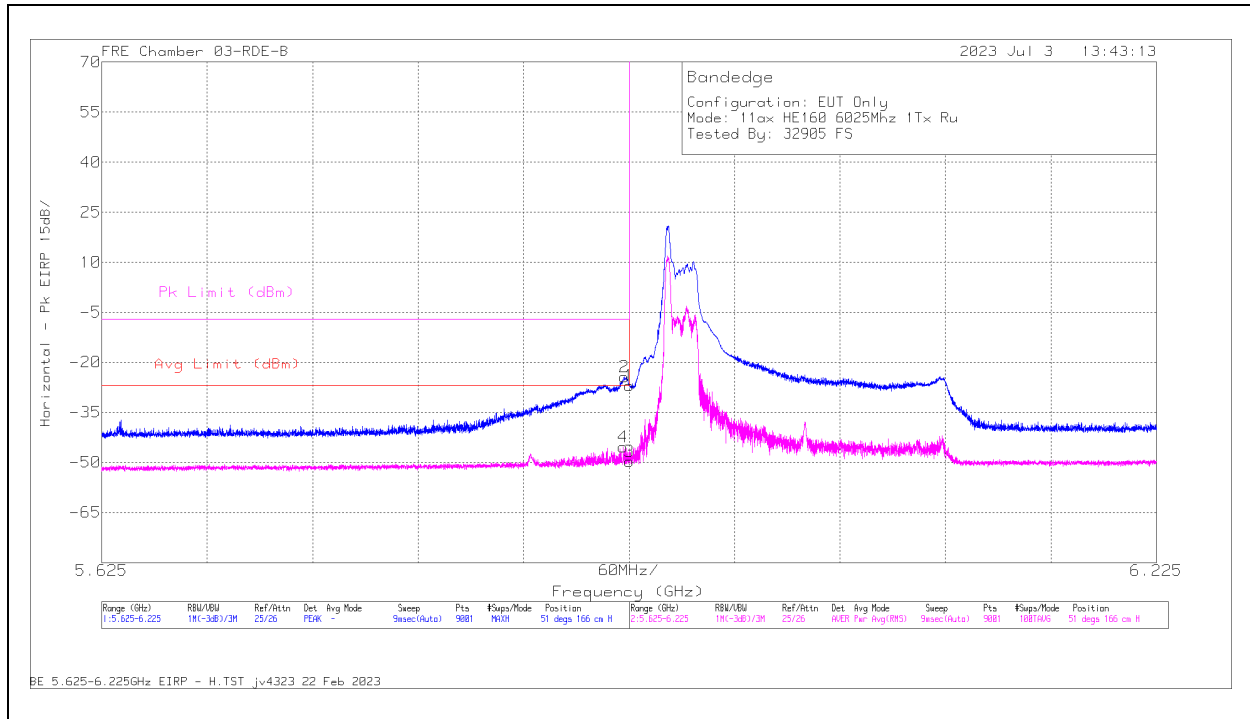
ADR - U-NII AD primary method, RMS average

1.1.4. 802.11ax HE160 MODE IN THE UNII-5 BAND

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

BANDEDGE (LOW CHANNEL)

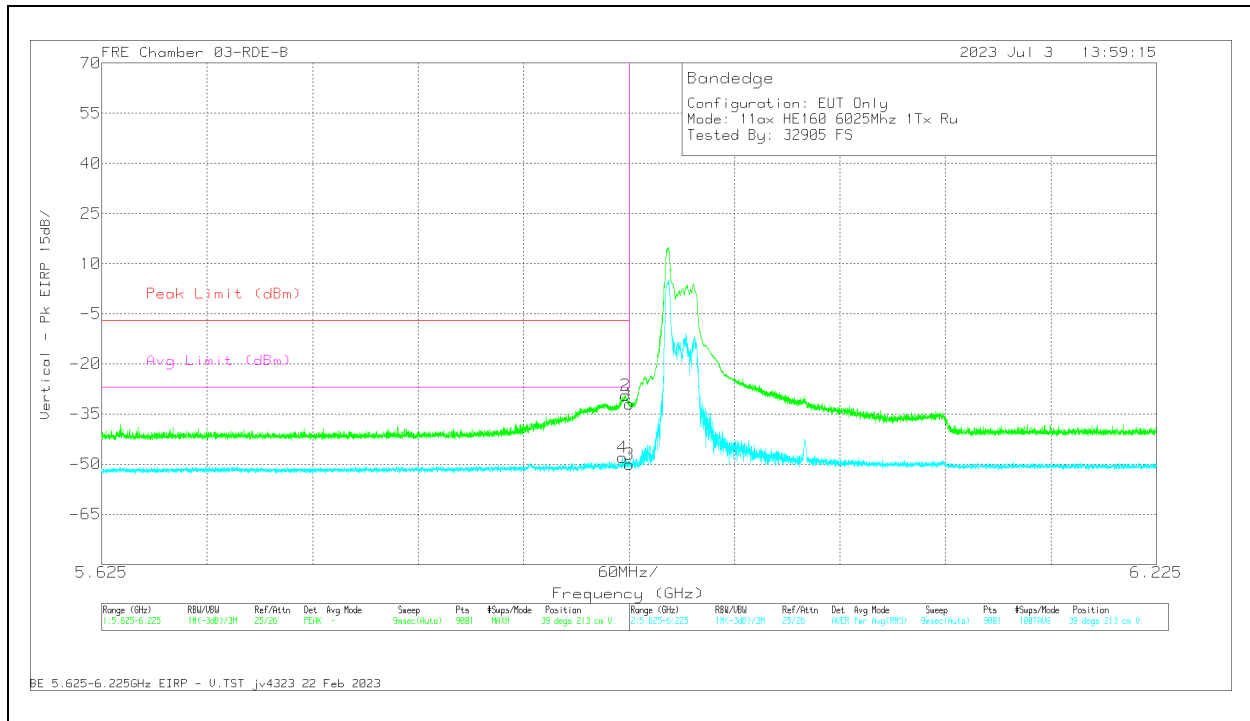
HORIZONTAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBm)	Det	230300 ACF (dB/m)	Conversion Factor (dB)	DCCF (dB)	Gain/Loss (dB)	Corrected Reading EIRP	Avg Limit (dBm)	RMS Margin (dB)	Pk Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
4	5.921535	-54.38	RMS	34.9	11.8	.51	-38.25	-45.42	-27	-18.42	-	-	51	166	H
2	5.922468	-32.79	Pk	34.9	11.8	0	-38.3	-24.39	-	-	-7	-17.39	51	166	H
1	5.925	-35.37	Pk	34.9	11.8	0	-38.3	-26.97	-	-	-7	-19.97	51	166	H
3	5.925	-58.63	RMS	34.9	11.8	.51	-38.3	-49.72	-27	-22.72	-	-	51	166	H

Pk - Peak detector
RMS - RMS detection

VERTICAL RESULT



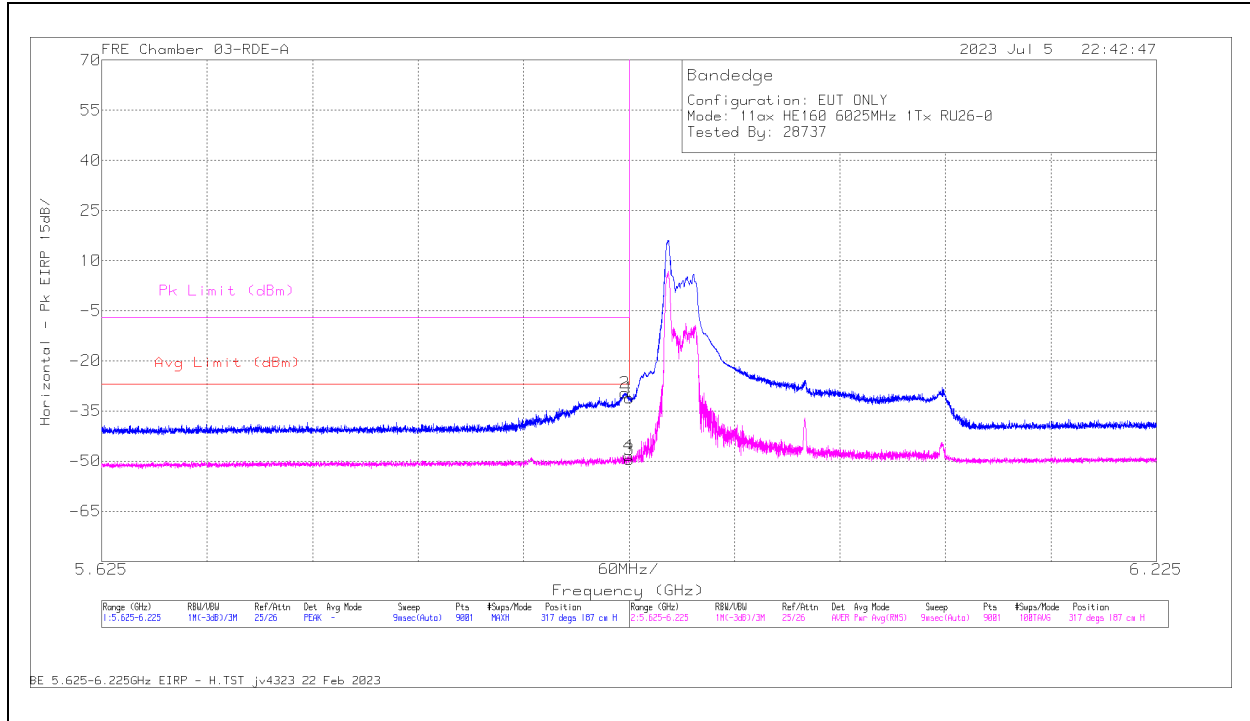
Marker	Frequency (GHz)	Meter Reading (dBm)	Det	230300 ACF (dB/m)	Conversion Factor (dB)	DCCF (dB)	Gain/Loss (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Avg Limit (dBm)	RMS Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
4	5.921335	-57	RMS	34.9	11.8	.51	-38.23	-48.02	-	-	-27	-21.02	39	213	V
2	5.922968	-37.85	Pk	34.9	11.8	0	-38.3	-29.45	-7	-22.45	-	-	39	213	V
1	5.925	-40.41	Pk	34.9	11.8	0	-38.3	-32.01	-7	-25.01	-	-	39	213	V
3	5.925	-58.95	RMS	34.9	11.8	.51	-38.3	-50.04	-	-	-27	-23.04	39	213	V

PK - Peak detector
RMS - RMS detection

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

BANDEDGE (LOW CHANNEL)

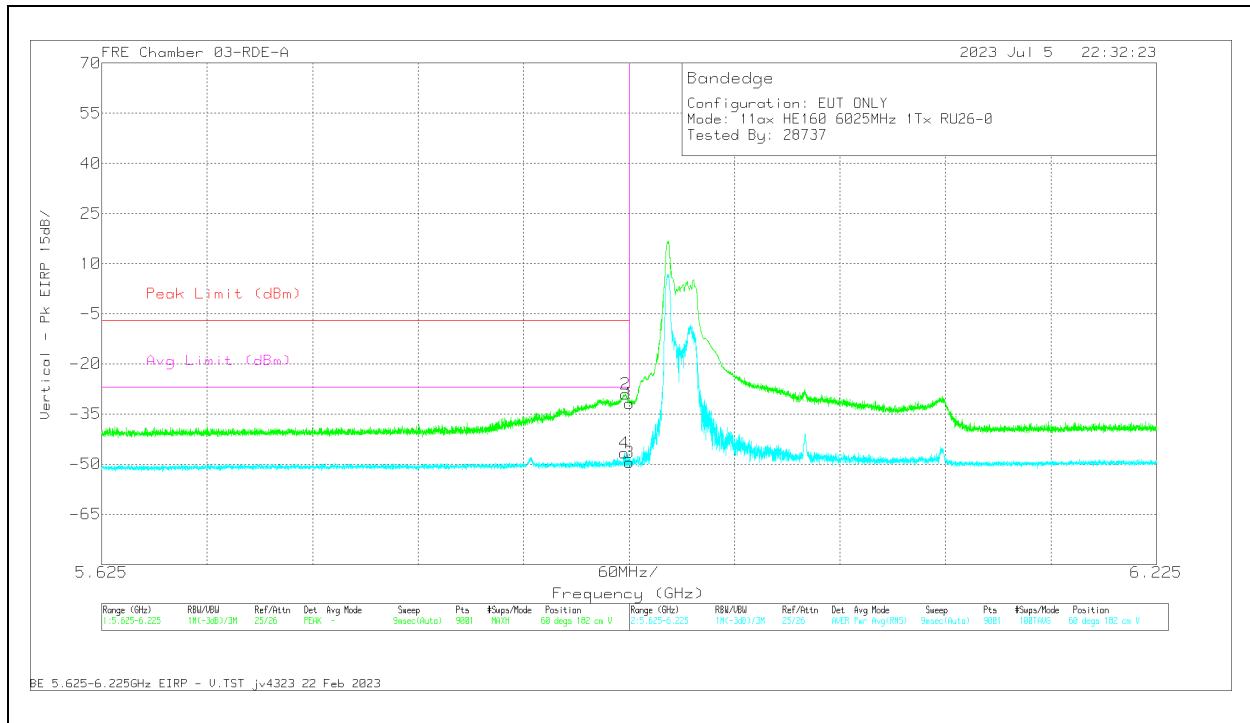
HORIZONTAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBm)	Det	230299 ACF (dB/m)	Conversion Factor (dB)	DCCF (dB)	Gain/Loss (dB)	Corrected Reading EIRP	Avg Limit (dBm)	RMS Margin (dB)	Pk Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
2	5.922801	-39.45	Pk	35.3	11.8	0	-37.32	-29.67	-	-	-7	-22.67	317	187	H
4	5.924668	-58.7	RMS	35.3	11.8	.51	-37.32	-48.41	-27	-21.41	-	-	317	187	H
1	5.925	-40.9	Pk	35.3	11.8	0	-37.32	-31.12	-	-	-7	-24.12	317	187	H
3	5.925	-59.78	RMS	35.3	11.8	.51	-37.32	-49.49	-27	-22.49	-	-	317	187	H

Pk - Peak detector
RMS - RMS detection

VERTICAL RESULT



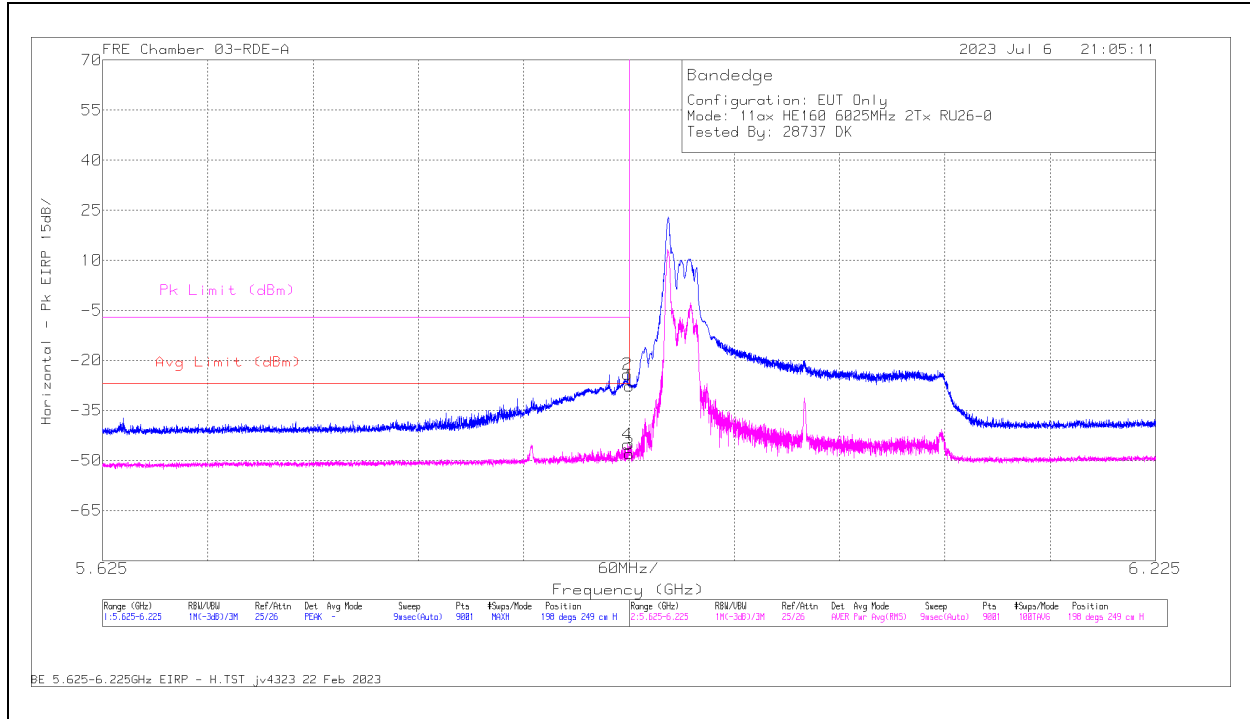
Marker	Frequency (GHz)	Meter Reading (dBm)	Det	230299 ACF (dB/m)	Conversion Factor (dB)	DCCF (dB)	Gain/Loss (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Avg Limit (dBm)	RMS Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
4	5.922335	-56.96	RMS	35.3	11.8	.51	-37.32	-46.67	-	-	-27	-19.67	60	182	V
2	5.922868	-38.82	PK	35.3	11.8	0	-37.32	-29.04	-7	-22.04	-	-	60	182	V
1	5.925	-41.68	PK	35.3	11.8	0	-37.32	-31.9	-7	-24.9	-	-	60	182	V
3	5.925	-59.74	RMS	35.3	11.8	.51	-37.32	-49.45	-	-	-27	-22.45	60	182	V

PK - Peak detector
RMS - RMS detection

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

BANDEDGE (LOW CHANNEL)

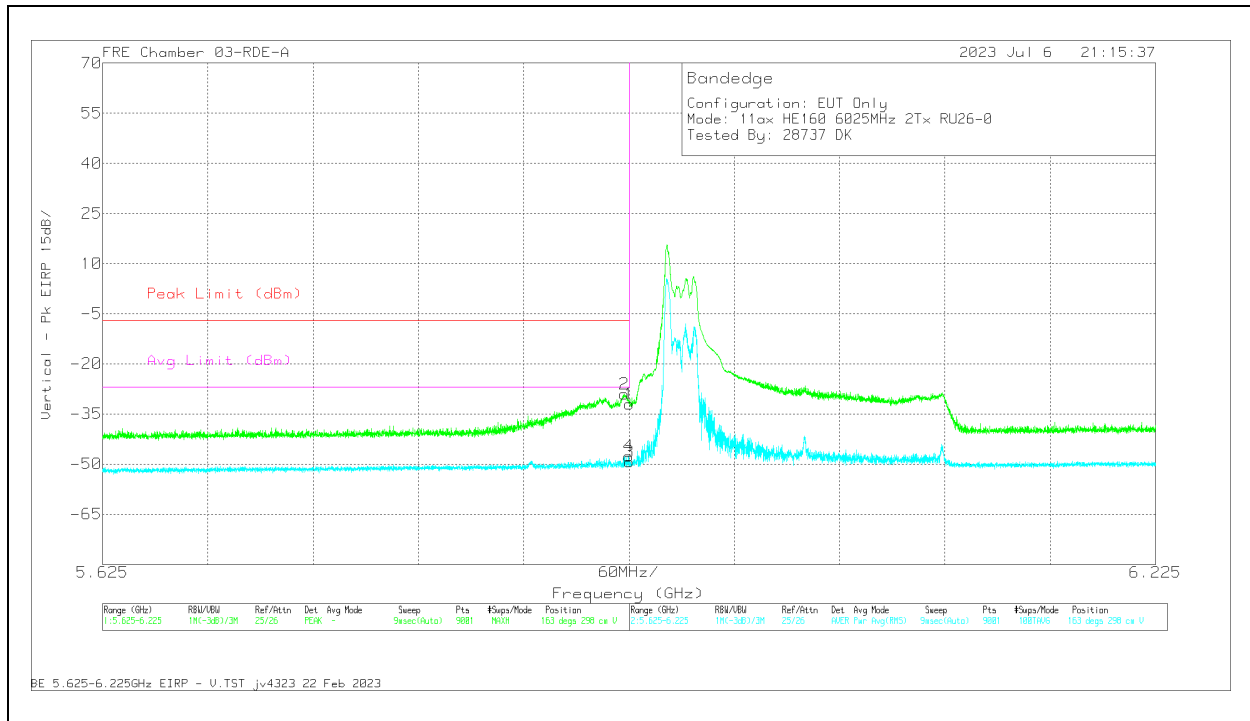
HORIZONTAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBm)	Det	230300 ACF (dB/m)	Conversion Factor (dB)	DCCF (dB)	Gain/Loss (dB)	Corrected Reading EIRP	Avg Limit (dBm)	RMS Margin (dB)	Pk Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
2	5.924068	-33.66	Pk	35.1	11.8	0	-37.32	-24.08	-	-	-7	-17.08	198	249	H
4	5.924202	-55.29	RMS	35.1	11.8	.51	-37.32	-45.20	-27	-18.20	-	-	198	249	H
1	5.925	-37.28	Pk	35.1	11.8	0	-37.32	-27.7	-	-	-7	-20.7	198	249	H
3	5.925	-58.03	RMS	35.1	11.8	.51	-37.32	-47.94	-27	-20.94	-	-	198	249	H

Pk - Peak detector
RMS - RMS detection

VERTICAL RESULT

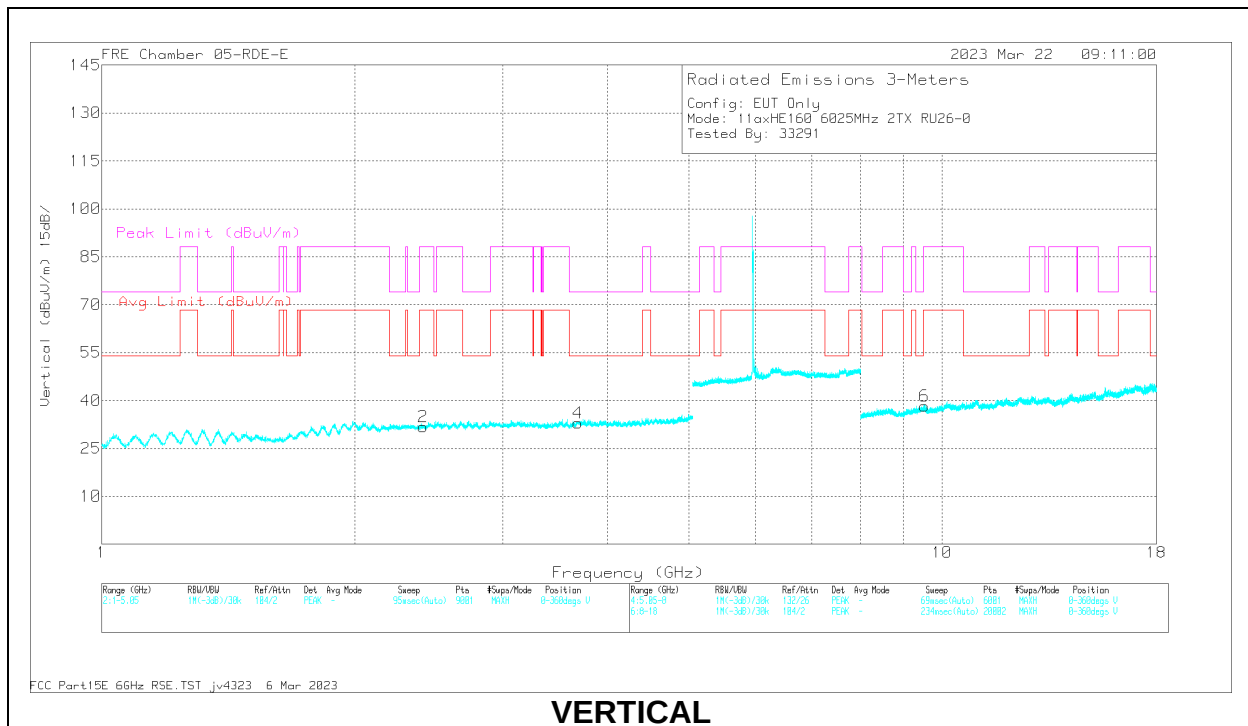
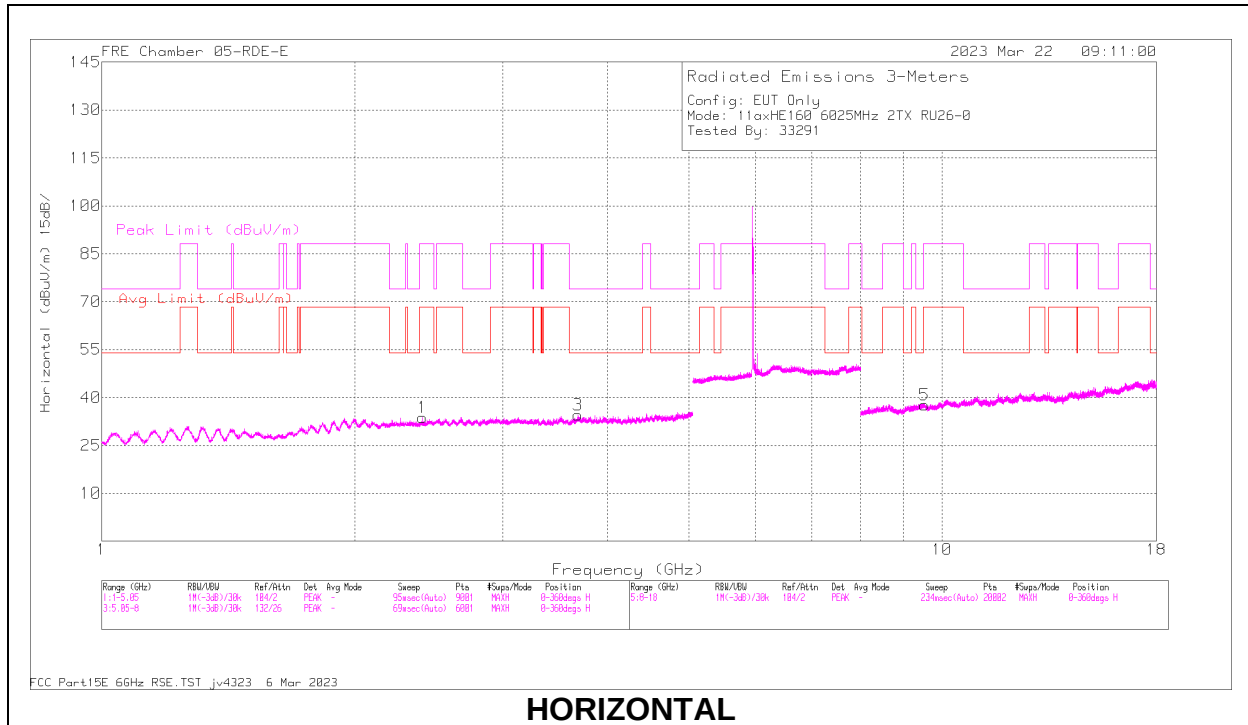


Marker	Frequency (GHz)	Meter Reading (dBm)	Det	230300 ACF (dB/m)	Conversion Factor (dB)	DCCF (dB)	Gain/Loss (dB)	Corrected Reading EIRP	Avg Limit (dBm)	RMS Margin (dB)	Pk Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
2	5.922335	-38.6	Pk	35.1	11.8	0	-37.32	-29.02	-7	-22.02	-	-	163	298	V
4	5.924735	-57.68	RMS	35.1	11.8	.51	-37.32	-47.59	-	-	-27	-20.59	163	298	V
1	5.925	-41.63	Pk	35.1	11.8	0	-37.32	-32.05	-7	-25.05	-	-	163	298	V
3	5.925	-59.44	RMS	35.1	11.8	.51	-37.32	-49.35	-	-	-27	-22.35	163	298	V

PK - Peak detector
RMS - RMS detection

HARMONICS AND SPURIOUS EMISSIONS

LOW CHANNEL RESULTS



RADIATED EMISSIONS

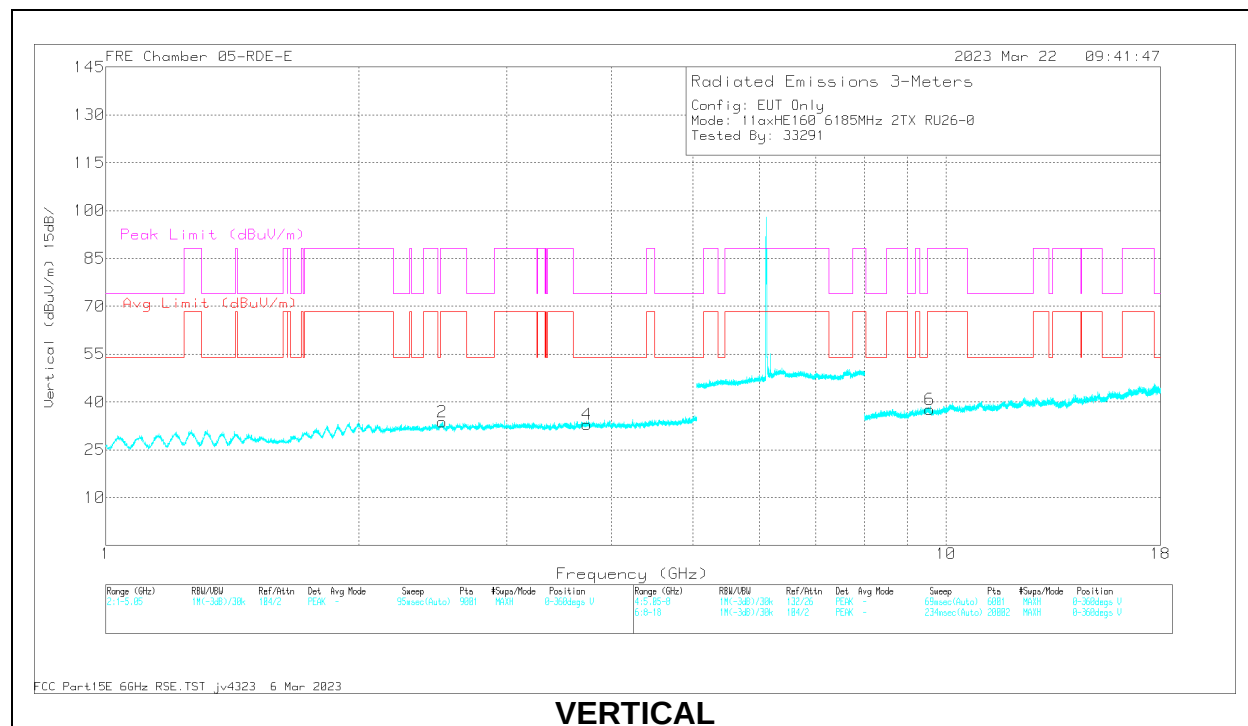
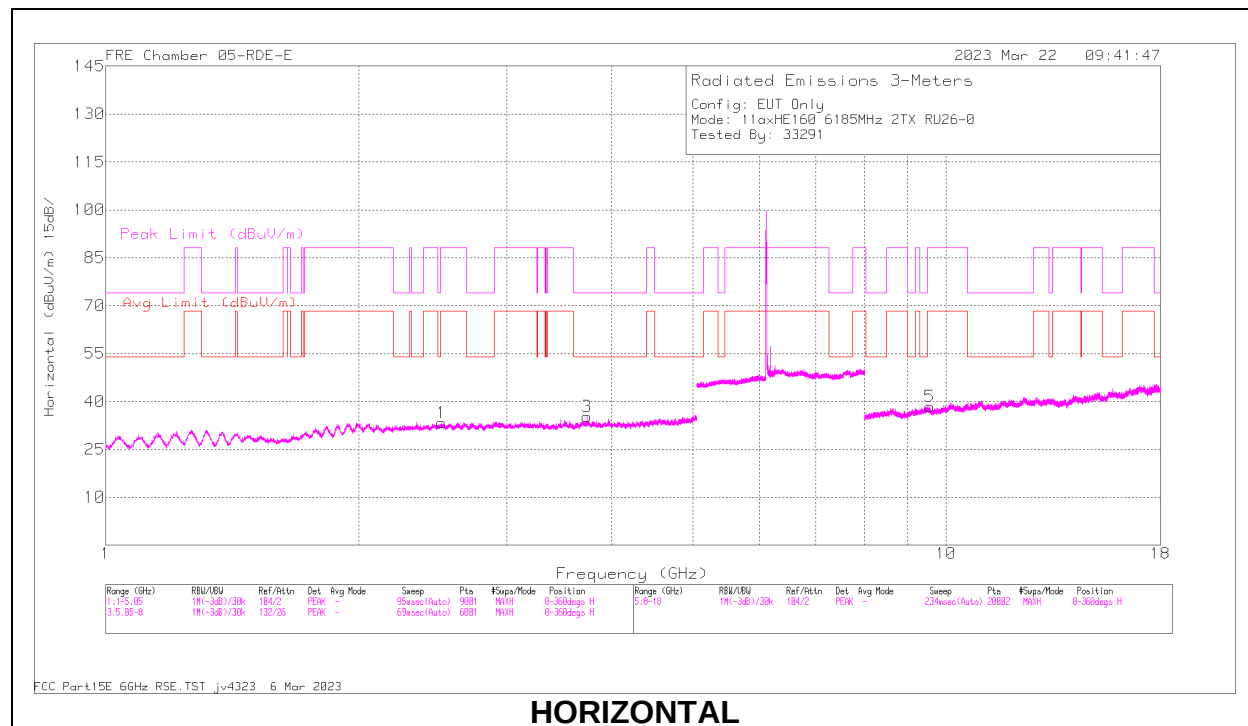
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	226671 ACF (dB) 3mH	DCCF (dB)	Gain/Loss (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	2.410209	60.78	PK-U	32	0	-50.31	42.47	-	-	88.2	-45.73	0	101	V
	2.411305	49.04	ADR	32	0	-50.29	30.75	68.2	-37.45	-	-	0	101	V
2	2.412359	60.25	PK-U	32	0	-50.25	42	-	-	88.2	-46.2	0	101	H
	2.410643	49.13	ADR	32	0	-50.31	30.82	68.2	-37.38	-	-	0	101	H
3	*3.689781	58.22	PK-U	33.3	0	-47.48	44.04	-	-	74	-29.96	0	200	V
	*3.689557	46.49	ADR	33.3	0	-47.48	32.31	54	-21.69	-	-	0	200	V
4	*3.692045	58.06	PK-U	33.3	0	-47.48	43.88	-	-	74	-30.12	0	199	H
	*3.689112	46.27	ADR	33.3	0	-47.46	32.11	54	-21.89	-	-	0	199	H
5	9.529849	57.48	PK-U	36.6	0	-45.95	48.13	-	-	88.2	-40.07	0	101	V
	9.53008	45.7	ADR	36.6	0	-45.94	36.36	68.2	-31.84	-	-	0	200	H
6	9.530762	57.38	PK-U	36.6	0	-45.91	48.07	-	-	88.2	-40.13	0	200	H
	9.531358	45.86	ADR	36.6	0	-45.9	36.56	68.2	-31.64	-	-	0	101	V

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

PK-U - U-NII: Maximum Peak

ADR - U-NII AD primary method, RMS average

MID CHANNEL RESULTS



RADIATED EMISSIONS

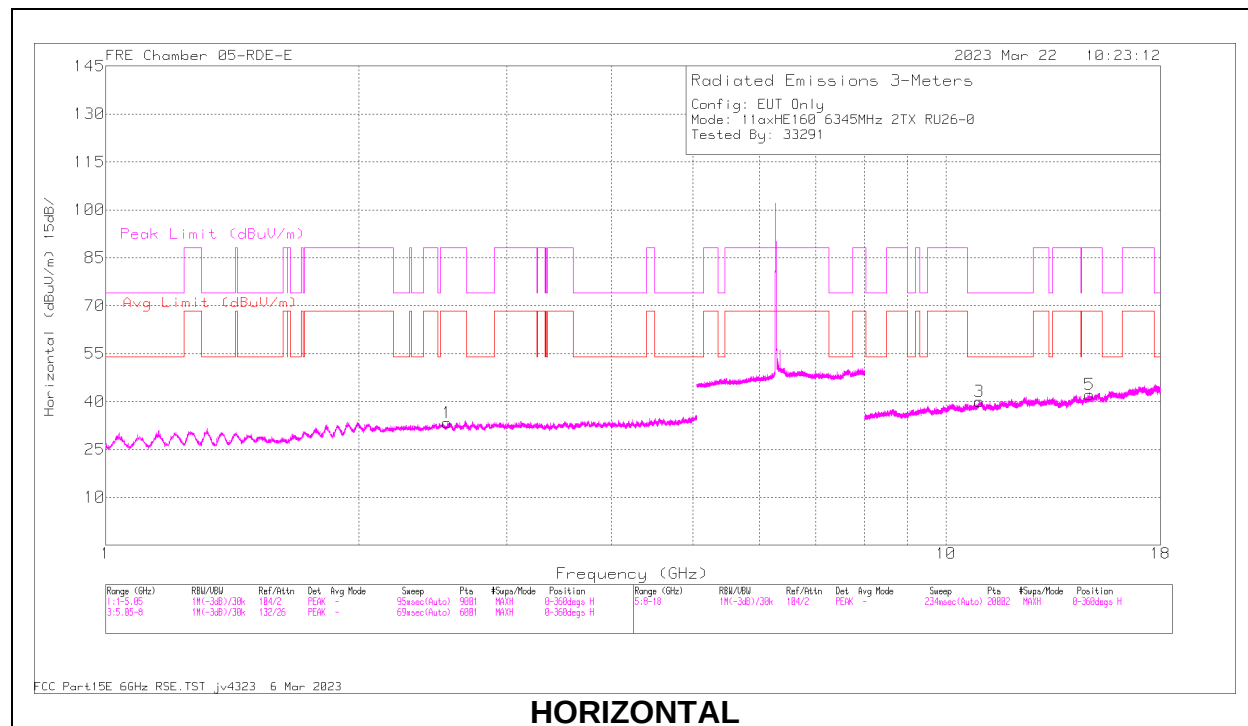
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	226671 ACF (dB) 3mH	DCCF (dB)	Gain/Loss (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	2.510492	60.83	PK-U	32.2	0	-49.91	43.12	-	-	88.2	-45.08	0	101	H
	2.511332	49.19	ADR	32.2	0	-49.86	31.53	68.2	-36.67	-	-	0	101	H
2	2.513491	60.71	PK-U	32.3	0	-49.78	43.23	-	-	88.2	-44.97	0	200	V
	2.514308	49.23	ADR	32.3	0	-49.77	31.76	68.2	-36.44	-	-	0	200	V
3	*3.739151	57.55	PK-U	33.3	0	-47.41	43.44	-	-	74	-30.56	0	200	H
	*3.741352	46.09	ADR	33.3	0	-47.39	32	54	-22	-	-	0	200	H
4	*3.742042	57.54	PK-U	33.3	0	-47.37	43.47	-	-	74	-30.53	0	101	V
	*3.741423	45.88	ADR	33.3	0	-47.39	31.79	54	-22.21	-	-	0	101	V
5	9.559436	57.04	PK-U	36.7	0	-46.2	47.54	-	-	88.2	-40.66	0	101	H
	9.56326	45.55	ADR	36.7	0	-46.11	36.14	68.2	-32.06	-	-	0	101	H
6	9.562552	57.41	PK-U	36.7	0	-46.11	48	-	-	88.2	-40.2	0	101	V
	9.564601	45.27	ADR	36.7	0	-46.09	35.88	68.2	-32.32	-	-	0	101	V

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

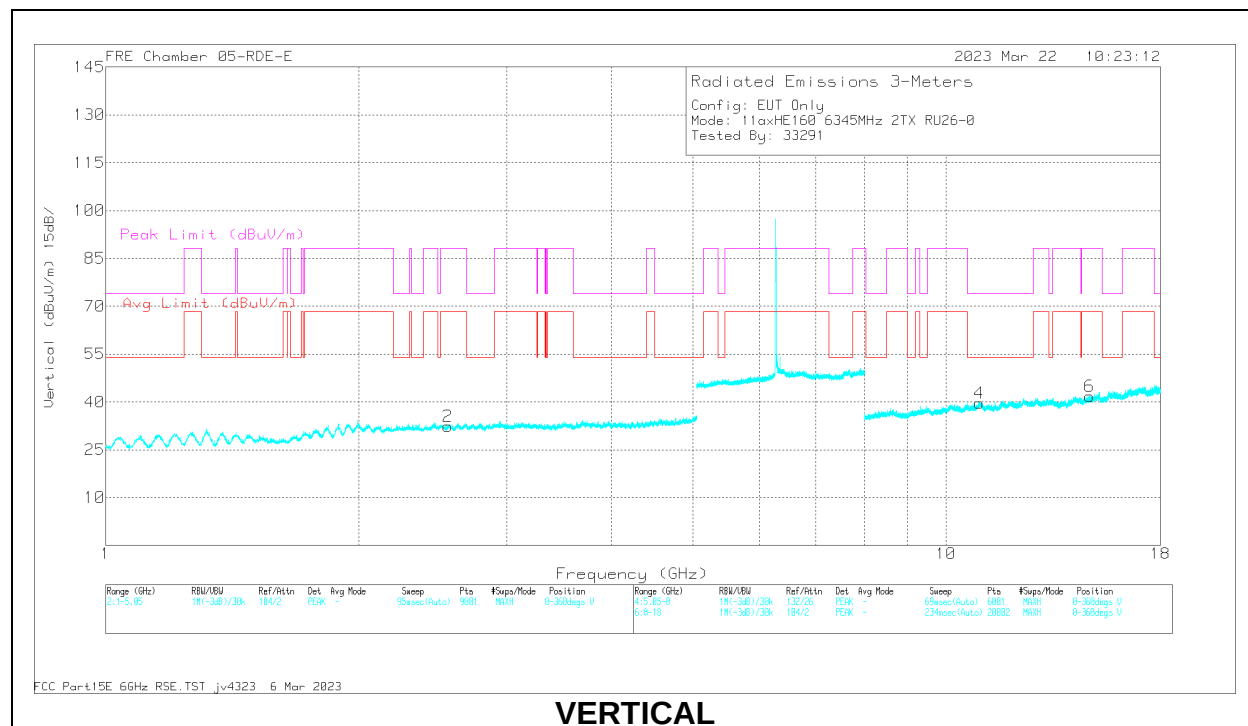
PK-U - U-NII: Maximum Peak

ADR - U-NII AD primary method, RMS average

HIGH CHANNEL RESULTS



HORIZONTAL



VERTICAL

RADIATED EMISSIONS

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	226671 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)	Azimuth (Degs)	Height (cm)	Polarity
1	2.551095	59.36	PK-U	32.4	0	-49.63	42.13	-	-	88.2	-46.07	0	101	V
	2.550348	48.27	ADR	32.4	0	-49.63	31.04	68.2	-37.16	-	-	0	101	V
2	2.552725	59.75	PK-U	32.4	0	-49.65	42.5	-	-	88.2	-45.7	0	101	H
	2.552511	48.35	ADR	32.4	0	-49.65	31.1	68.2	-37.1	-	-	0	101	H
3	*10.96085	56.16	PK-U	37.9	0	-44.35	49.71	-	-	74	-24.29	0	199	V
	*10.959662	44.4	ADR	37.9	0	-44.39	37.91	54	-16.09	-	-	0	199	V
4	*10.96113	55.78	PK-U	37.9	0	-44.34	49.34	-	-	74	-24.66	0	199	H
	*10.958451	44.22	ADR	37.9	0	-44.41	37.71	54	-16.29	-	-	0	199	H
5	14.813741	55.28	PK-U	39.7	0	-43.69	51.29	-	-	88.2	-36.91	0	101	V
	14.813936	43.65	ADR	39.7	0	-43.7	39.65	68.2	-28.55	-	-	0	101	V
6	14.816233	55.01	PK-U	39.7	0	-43.68	51.03	-	-	88.2	-37.17	0	101	H
	14.816378	43.55	ADR	39.7	0	-43.69	39.56	68.2	-28.64	-	-	0	101	H

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

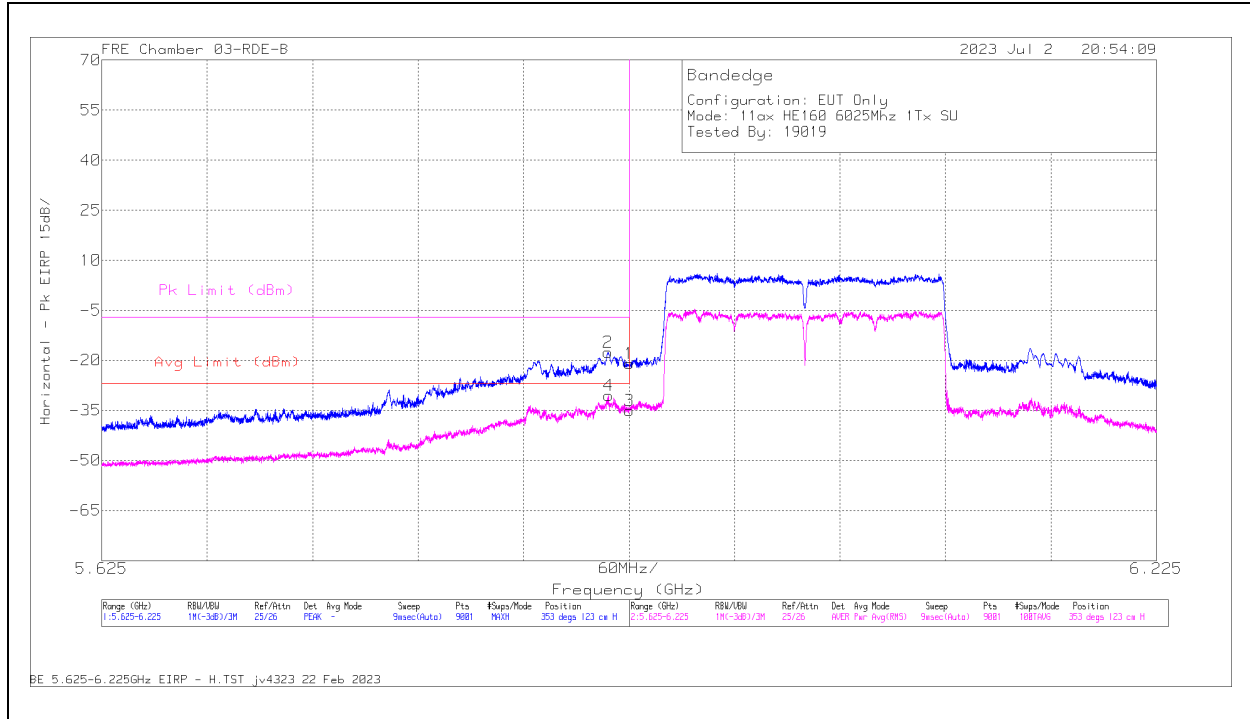
PK-U - U-NII: Maximum Peak

ADR - U-NII AD primary method, RMS average

1TX Antenna 6 MODE: SU, Single User

BANDEDGE (LOW CHANNEL)

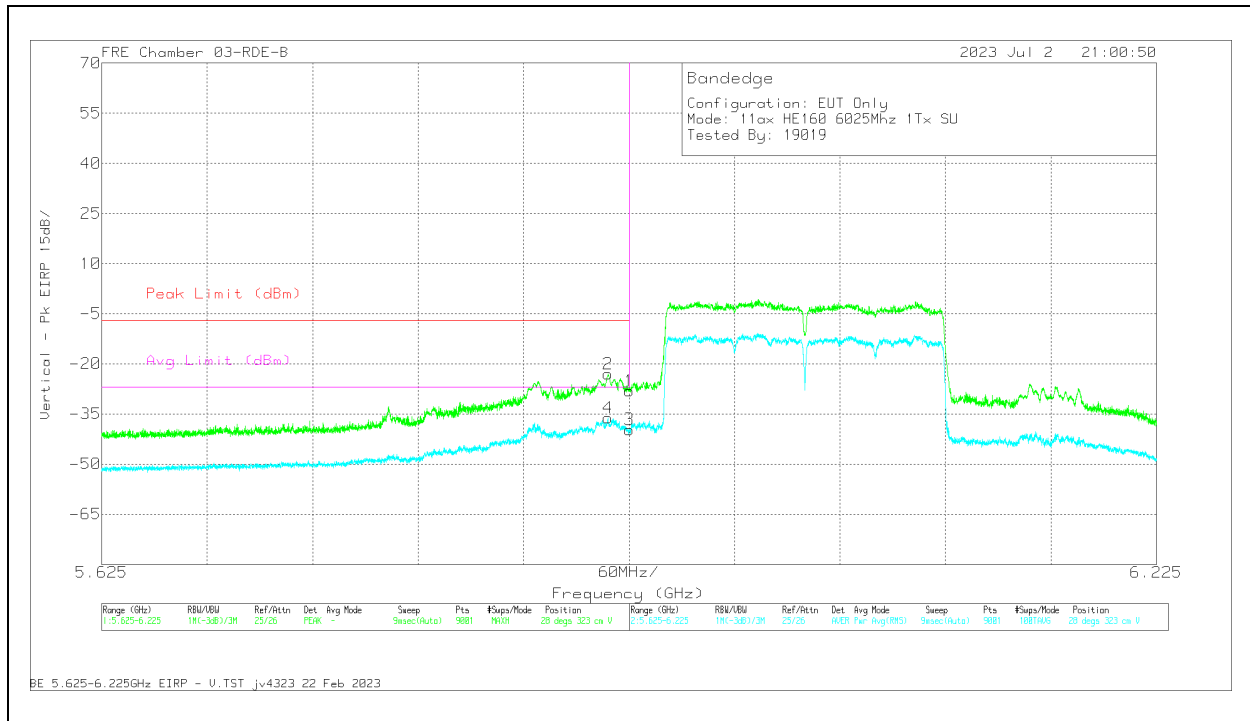
HORIZONTAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBm)	Det	230300 ACF (dB/m)	Conversion Factor (dB)	DCCF (dB)	Gain/Loss (dB)	Corrected Reading EIRP	Avg Limit (dBm)	RMS Margin (dB)	Pk Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
2	5.912935	-25.9	Pk	34.8	11.8	0	-38.3	-17.6	-	-	-7	-10.6	353	123	H
4	5.913335	-39.54	RMS	34.8	11.8	.74	-38.3	-30.5	-27	-3.5	-	-	353	123	H
1	5.925	-29.39	Pk	34.9	11.8	0	-38.3	-20.99	-	-	-7	-13.99	353	123	H
3	5.925	-44.23	RMS	34.9	11.8	.74	-38.3	-35.09	-27	-8.09	-	-	353	123	H

PK - Peak detector
RMS - RMS detection

VERTICAL RESULT



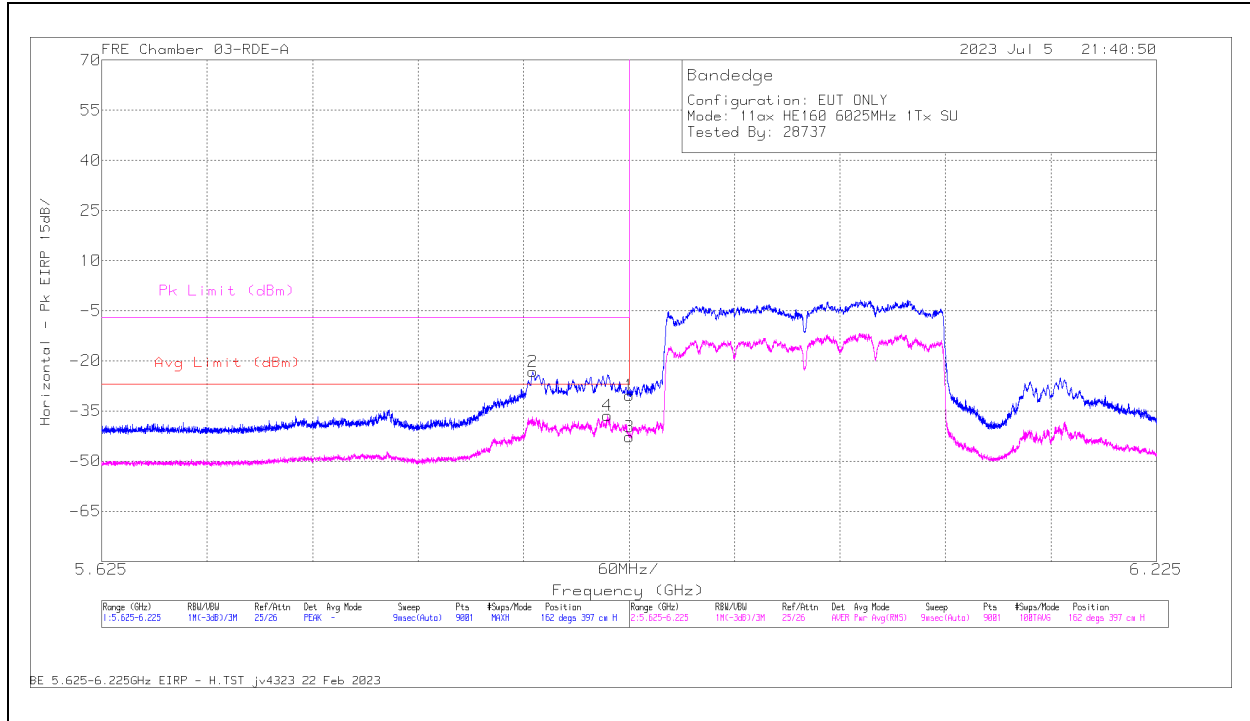
Marker	Frequency (GHz)	Meter Reading (dBm)	Det	230300 ACF (dB/m)	Conversion Factor (dB)	DCCF (dB)	Gain/Loss (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Avg Limit (dBm)	RMS Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
4	5.912868	-45.13	RMS	34.8	11.8	.74	-38.3	-36.09	-	-	-27	-9.09	28	323	V
2	5.913001	-31.39	Pk	34.8	11.8	0	-38.3	-23.09	-7	-16.09	-	-	28	323	V
1	5.925	-36.51	Pk	34.9	11.8	0	-38.3	-28.11	-7	-21.11	-	-	28	323	V
3	5.925	-48.78	RMS	34.9	11.8	.74	-38.3	-39.64	-	-	-27	-12.64	28	323	V

PK - Peak detector
RMS - RMS detection

1TX Antenna 5 MODE: SU, Single User

BANDEDGE (LOW CHANNEL)

HORIZONTAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBm)	Det	230299 ACF (dB/m)	Conversion Factor (dB)	DCCF (dB)	Gain/Loss (dB)	Corrected Reading EIRP	Avg Limit (dBm)	RMS Margin (dB)	Pk Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
2	5.870268	-32.78	Pk	35.2	11.8	0	-37.44	-23.22	-	-	-7	-16.22	162	397	H
4	5.912801	-47.23	RMS	35.2	11.8	.74	-37.33	-36.82	-27	-9.82	-	-	162	397	H
1	5.925	-40.21	Pk	35.3	11.8	0	-37.32	-30.43	-	-	-7	-23.43	162	397	H
3	5.925	-53.66	RMS	35.3	11.8	.74	-37.32	-43.14	-27	-16.14	-	-	162	397	H

Pk - Peak detector
RMS - RMS detection

FRE Chamber 03-RDE-A

2023 Jul 5 21:47:13

Bondedge

Configuration: EUT ONLY

Mode: 11ax HE168 6025MHz 1Tx SU

Tested By: 28737

Vertical - Pk EIRP 15dB/

Peak Limit (dBm)

Avg. Limit (dBm)

Frequency (GHz)

60MHz/

5.625 6.225

Range (GHz)	BW/MB	Ref/Ant	Det	Avg Mode	Sweep	Pts	Ksps/Mode	Position	Range (GHz)	BW/MB	Ref/Ant	Det	Avg Mode	Sweep	Pts	Ksps/Mode	Position
5.625-6.225	160-3681136	2500	PK		Down/Up	1001	1000	78 degs 275 per 8	5.625-6.225	160-3681136	2500	PK		Down/Up	1001	1000	78 degs 275 per 8

BE 5.625-6.225GHz EIRP - V.TST jv4323 22 Feb 2023

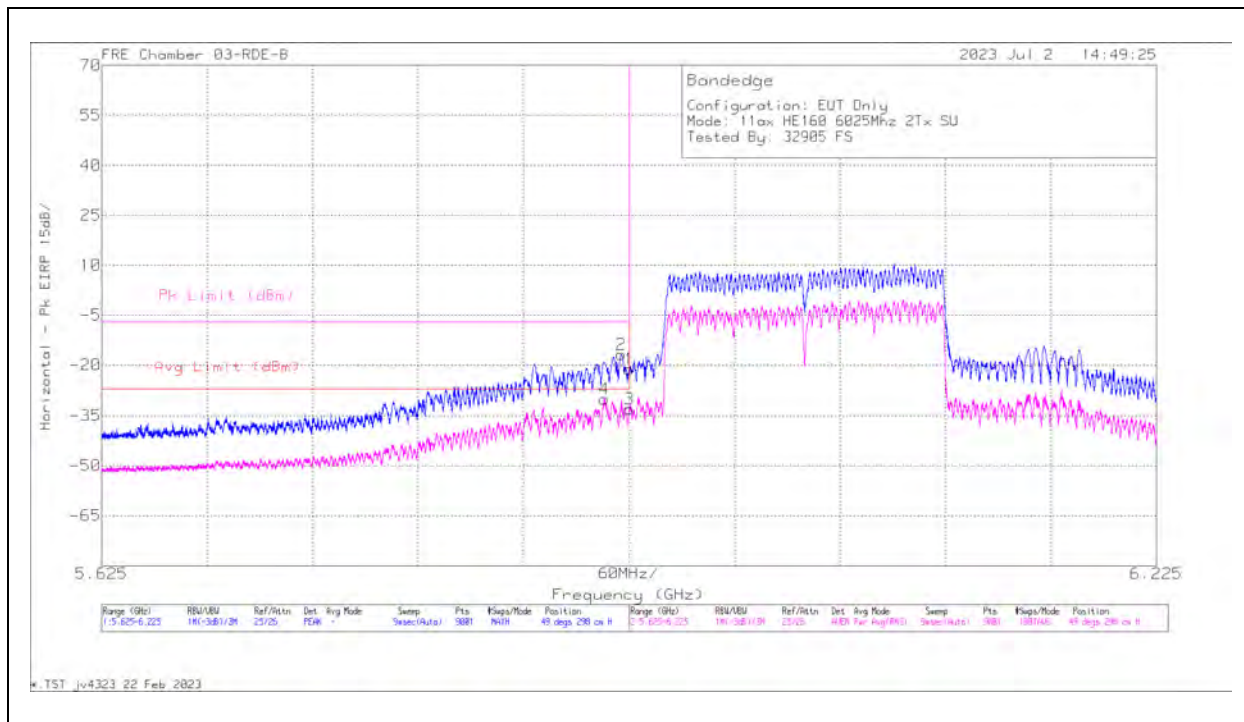
Marker	Frequency (GHz)	Meter Reading (dBm)	Det	230299 ACF (dB/m)	Conversion Factor (dB)	DCCF (dB)	Gain/Loss (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Avg Limit (dBm)	RMS Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
2	5.910001	-30.95	Pk	35.2	11.8	0	-37.37	-21.32	-7	-14.32	-	-	70	276	V
4	5.912335	-44.92	RMS	35.2	11.8	.74	-37.34	-34.52	-	-	-27	-7.52	70	276	V
1	5.925	-35.52	Pk	35.3	11.8	0	-37.32	-25.74	-7	-18.74	-	-	70	276	V
3	5.925	-49.52	RMS	35.3	11.8	.74	-37.32	-39.00	-	-	-27	-12.00	70	276	V

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

BANDEDGE (LOW CHANNEL)

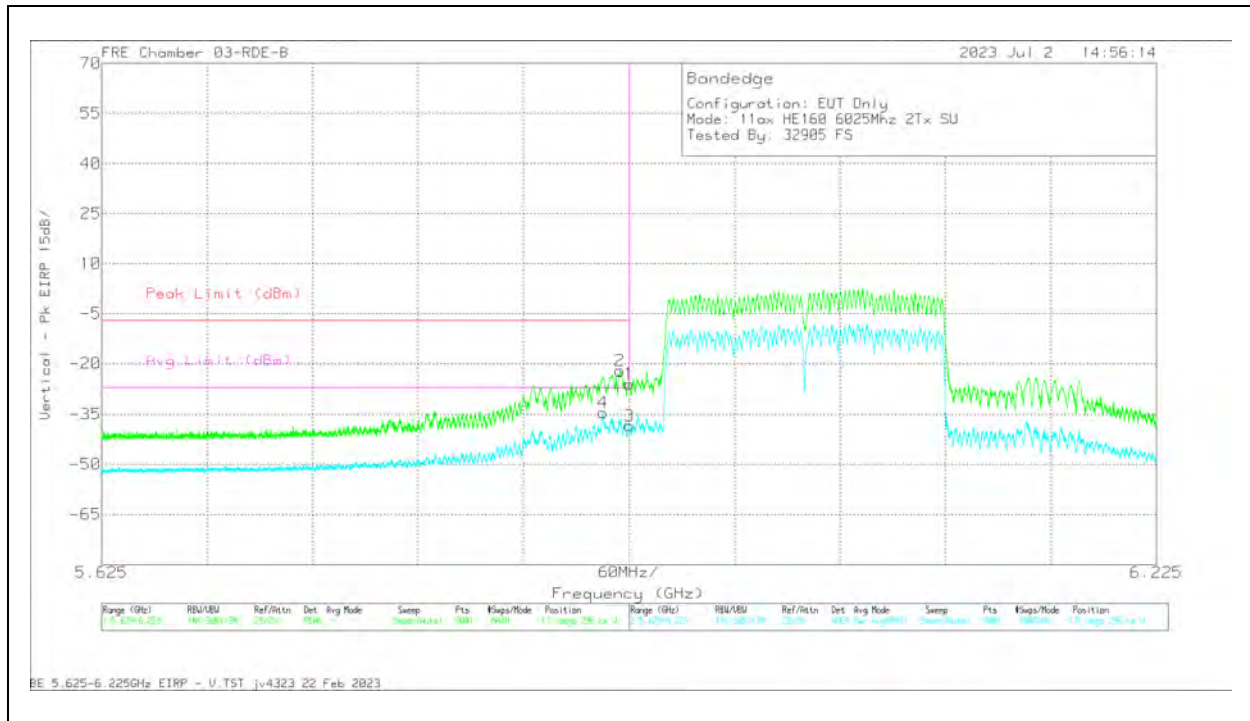
HORIZONTAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBm)	Det	230300 ACF (dB/m)	Conversion Factor (dB)	DCCF (dB)	Gain/Loss (dB)	Corrected Reading EIRP	Avg Limit (dBm)	RMS Margin (dB)	Pk Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
4	5.911001	-38.98	RMS	34.8	11.8	.74	-38.3	-29.94	-27	-2.94	-	-	49	298	H
2	5.920468	-25.41	Pk	34.9	11.8	0	-38.2	-16.91	-	-	-7	-9.91	49	298	H
1	5.925	-29.64	Pk	34.9	11.8	0	-38.3	-21.24	-	-	-7	-14.24	49	298	H
3	5.925	-42.04	RMS	34.9	11.8	.74	-38.3	-32.90	-27	-5.90	-	-	49	298	H

PK - Peak detector
RMS - RMS detection

VERTICAL RESULT

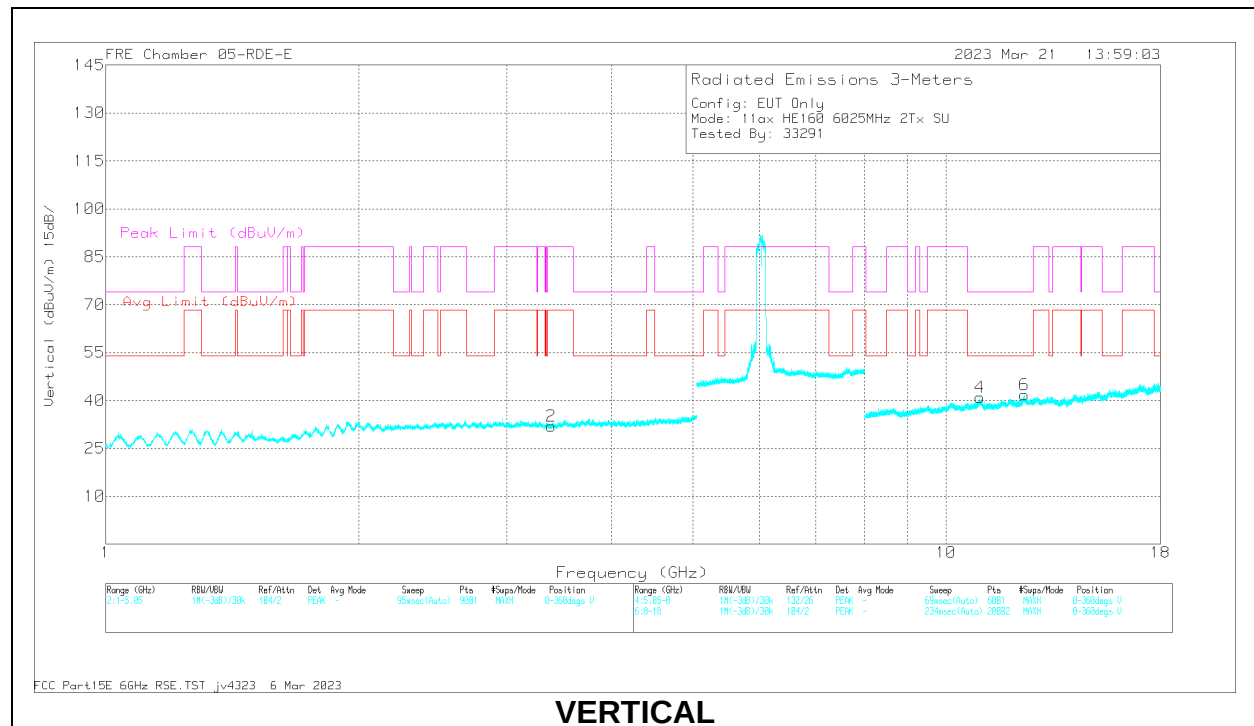
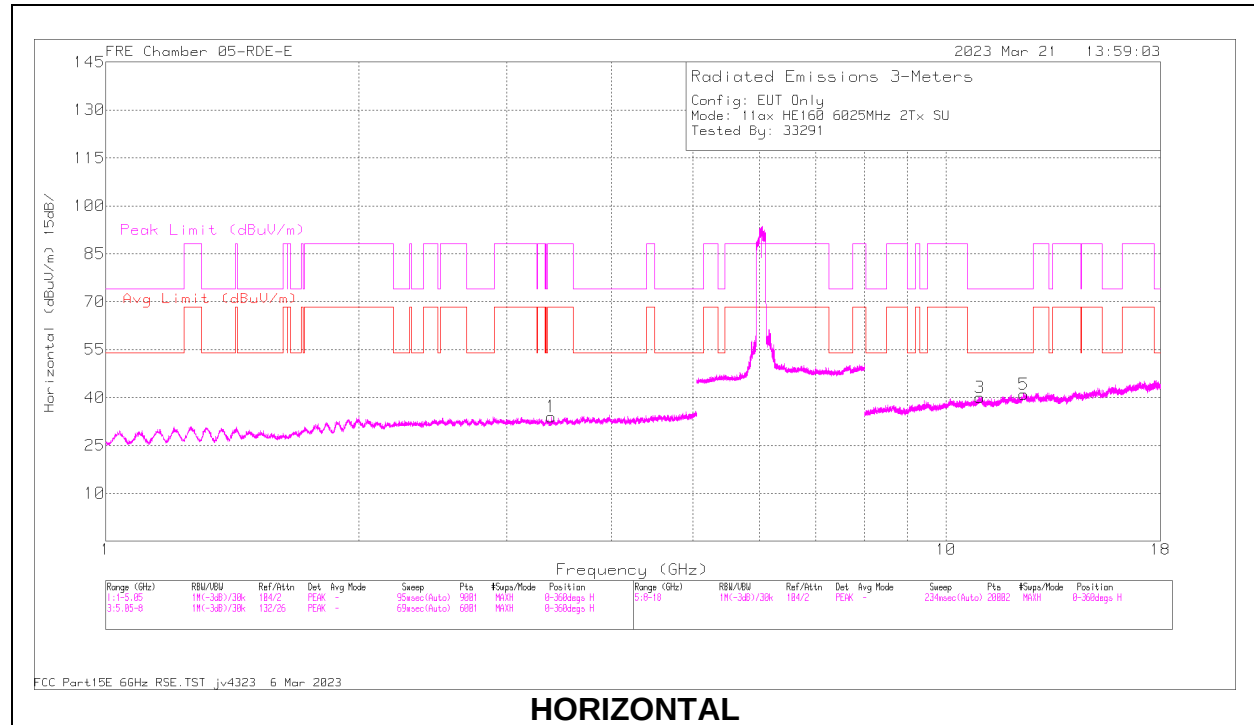


Marker	Frequency (GHz)	Meter Reading (dBm)	Det	230300 ACF (dB/m)	Conversion Factor (dB)	DCCF (dB)	Gain/Loss (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Avg Limit (dBm)	RMS Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
4	5.910135	-43.48	RMS	34.8	11.8	.74	-38.3	-34.44	-	-	-27	-7.44	171	296	V
2	5.919935	-30.65	Pk	34.9	11.8	0	-38.21	-22.16	-7	-15.16	-	-	171	296	V
1	5.925	-34.52	Pk	34.9	11.8	0	-38.3	-26.12	-7	-19.12	-	-	171	296	V
3	5.925	-47.54	RMS	34.9	11.8	.74	-38.3	-38.40	-	-	-27	-11.40	171	296	V

PK - Peak detector
RMS - RMS detection

HARMONICS AND SPURIOUS EMISSIONS

LOW CHANNEL RESULTS



RADIATED EMISSIONS

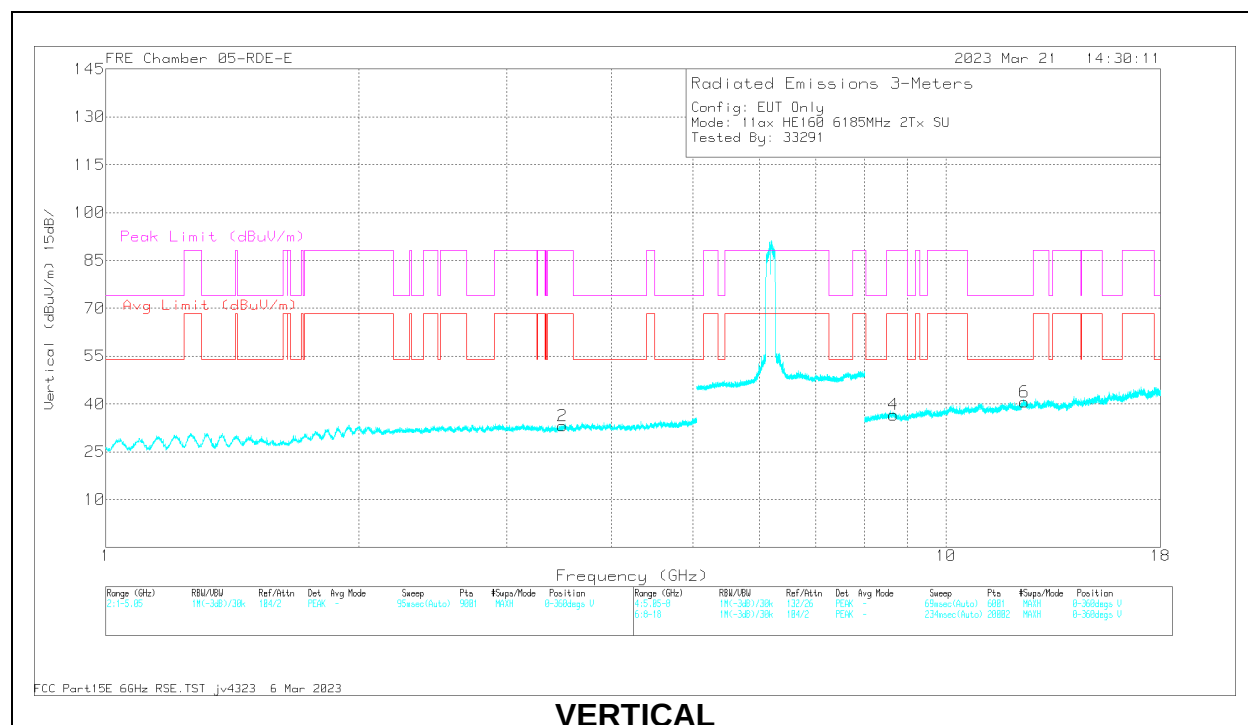
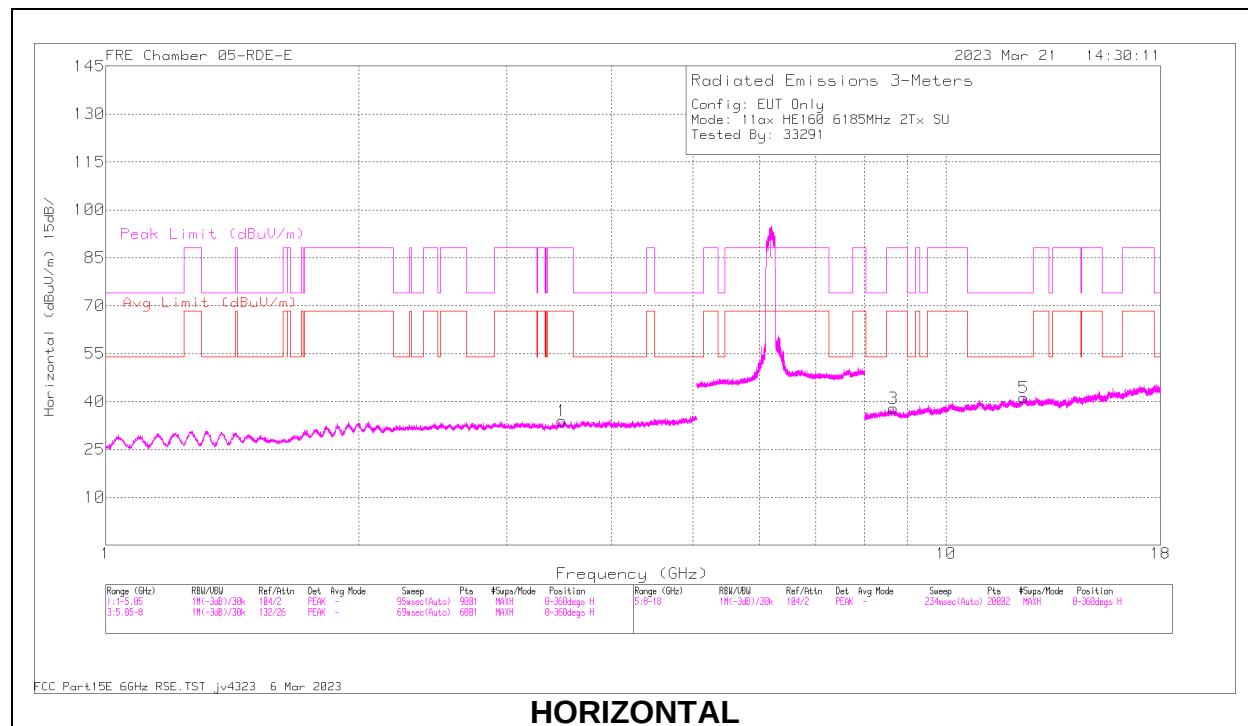
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	226671 ACF (dB) 3mH	DCCF (dB)	Gain/Loss (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	3.392757	57.2	PK-U	32.7	0	-47.38	42.52	-	-	88.2	-45.68	360	101	H
	3.391447	45.63	ADR	32.7	.09	-47.37	31.05	68.2	-37.15	-	-	360	101	H
2	3.392293	57.85	PK-U	32.7	0	-47.37	43.18	-	-	88.2	-45.02	360	101	V
	3.391928	45.65	ADR	32.7	.09	-47.37	31.07	68.2	-37.13	-	-	360	101	V
3	*10.969487	55.52	PK-U	37.9	0	-44.16	49.26	-	-	74	-24.74	360	200	H
	*10.966905	44.11	ADR	37.9	.09	-44.14	37.96	54	-16.04	-	-	360	200	H
4	*10.974787	56.13	PK-U	37.9	0	-44.13	49.9	-	-	74	-24.1	360	200	V
	*10.977373	44.12	ADR	37.9	.09	-44.12	37.99	54	-16.01	-	-	360	200	V
5	*12.387239	54.65	PK-U	38.9	0	-43.33	50.22	-	-	74	-23.78	360	200	H
	*12.387901	42.77	ADR	38.9	.09	-43.35	38.41	54	-15.59	-	-	360	200	H
6	*12.389709	54.23	PK-U	38.9	0	-43.4	49.73	-	-	74	-24.27	360	200	V
	*12.389753	42.87	ADR	38.9	.09	-43.4	38.46	54	-15.54	-	-	360	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



RADIATED EMISSIONS

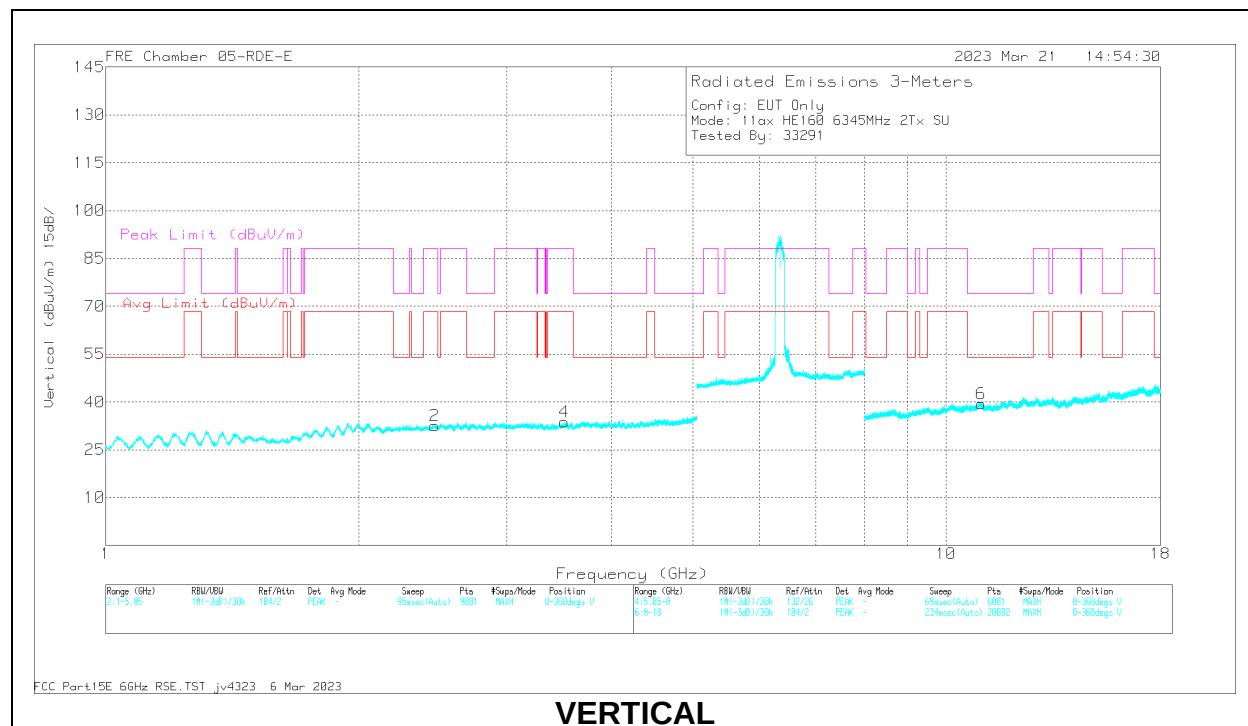
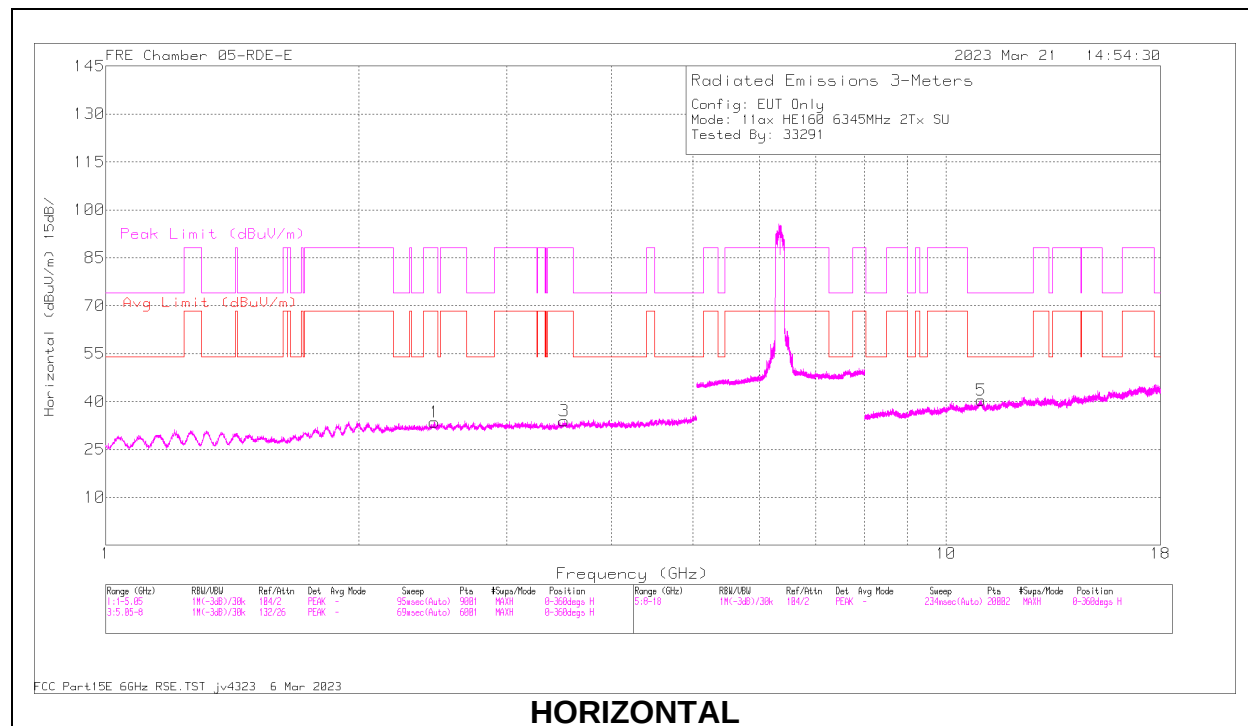
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	226671 ACF (dB) 3mH	DCCF (dB)	Gain/Loss (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	3.490958	57.11	PK-U	32.9	0	-47.35	42.66	-	-	88.2	-45.54	360	101	H
	3.492848	45.75	ADR	32.9	.09	-47.33	31.41	68.2	-36.79	-	-	360	101	H
2	3.492836	57.4	PK-U	32.9	0	-47.33	42.97	-	-	88.2	-45.23	360	101	V
	3.493353	45.74	ADR	32.9	.09	-47.34	31.39	68.2	-36.81	-	-	360	101	V
3	8.665309	55.91	PK-U	35.8	0	-44.69	47.02	-	-	88.2	-41.18	360	101	H
	8.665401	44.46	ADR	35.8	.09	-44.69	35.66	68.2	-32.54	-	-	360	101	H
4	8.667317	55.62	PK-U	35.8	0	-44.74	46.68	-	-	88.2	-41.52	360	200	V
	8.665248	44.28	ADR	35.8	.09	-44.68	35.49	68.2	-32.71	-	-	360	200	V
5	*12.386325	54.45	PK-U	38.9	0	-43.32	50.03	-	-	74	-23.97	360	200	H
	*12.384641	42.75	ADR	38.9	.09	-43.31	38.43	54	-15.57	-	-	360	200	H
6	*12.389011	54.33	PK-U	38.9	0	-43.39	49.84	-	-	74	-24.16	360	200	V
	*12.390548	42.82	ADR	38.9	.09	-43.44	38.37	54	-15.63	-	-	360	200	V

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

PK-U - U-NII: Maximum Peak

ADR - U-NII AD primary method, RMS average

HIGH CHANNEL RESULTS



RADIATED EMISSIONS

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	226671 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)	Azimuth (Degs)	Height (cm)	Polarity
1	2.459209	60.99	PK-U	32.1	0	-50.07	43.02	-	-	88.2	-45.18	360	199	H
	2.459711	49.11	ADR	32.1	.09	-50.07	31.23	68.2	-36.97	-	-	360	199	H
2	2.462204	60.59	PK-U	32.1	0	-50.1	42.59	-	-	88.2	-45.61	360	199	V
	2.462245	49.16	ADR	32.1	.09	-50.1	31.25	68.2	-36.95	-	-	360	199	V
3	*3.512596	58.01	PK-U	32.9	0	-47.13	43.78	-	-	74	-30.22	360	101	H
	*3.510518	46.04	ADR	32.9	.09	-47.15	31.88	54	-22.12	-	-	360	101	H
4	*3.515147	57.63	PK-U	32.9	0	-47.04	43.49	-	-	74	-30.51	360	101	V
	*3.517214	45.98	ADR	32.9	.09	-47.02	31.95	54	-22.05	-	-	360	101	V
5	*11.010629	55.2	PK-U	37.9	0	-43.86	49.24	-	-	74	-24.76	360	101	H
	*11.010866	43.78	ADR	37.9	.09	-43.85	37.92	54	-16.08	-	-	360	101	H
6	*11.014141	55.24	PK-U	37.9	0	-43.79	49.35	-	-	74	-24.65	360	101	V
	*11.012377	43.7	ADR	37.9	.09	-43.83	37.86	54	-16.14	-	-	360	101	V

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

PK-U - U-NII: Maximum Peak

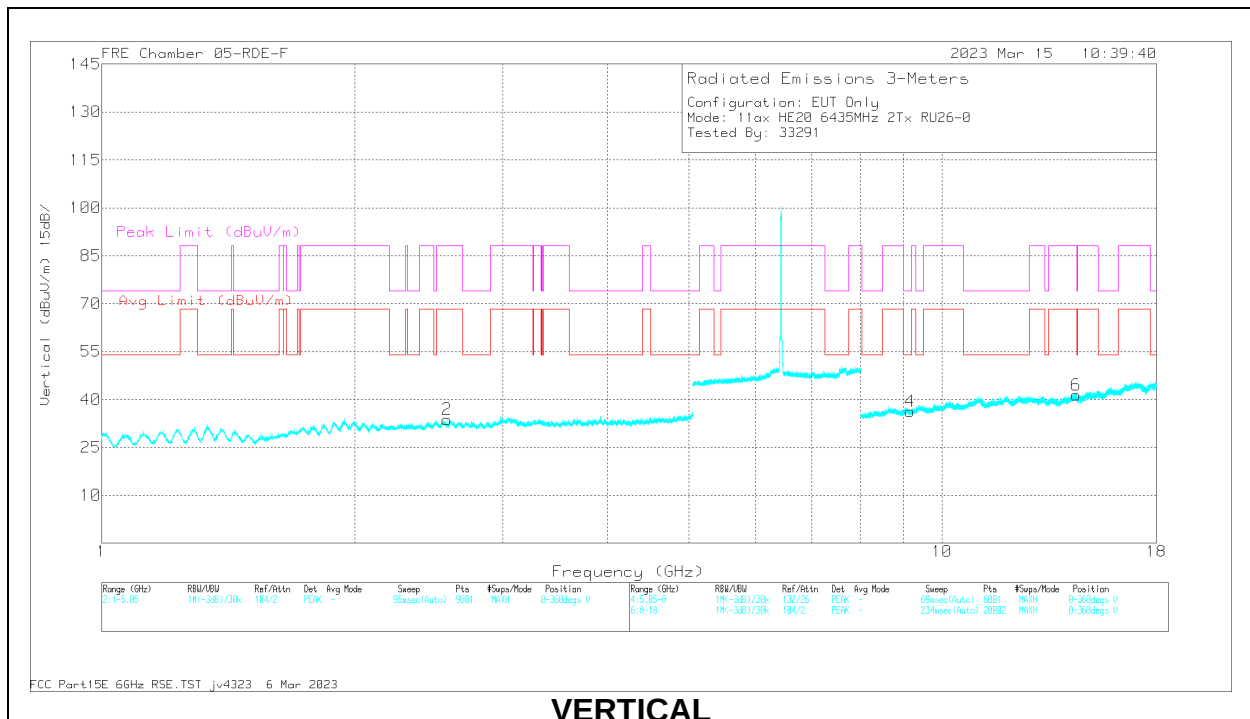
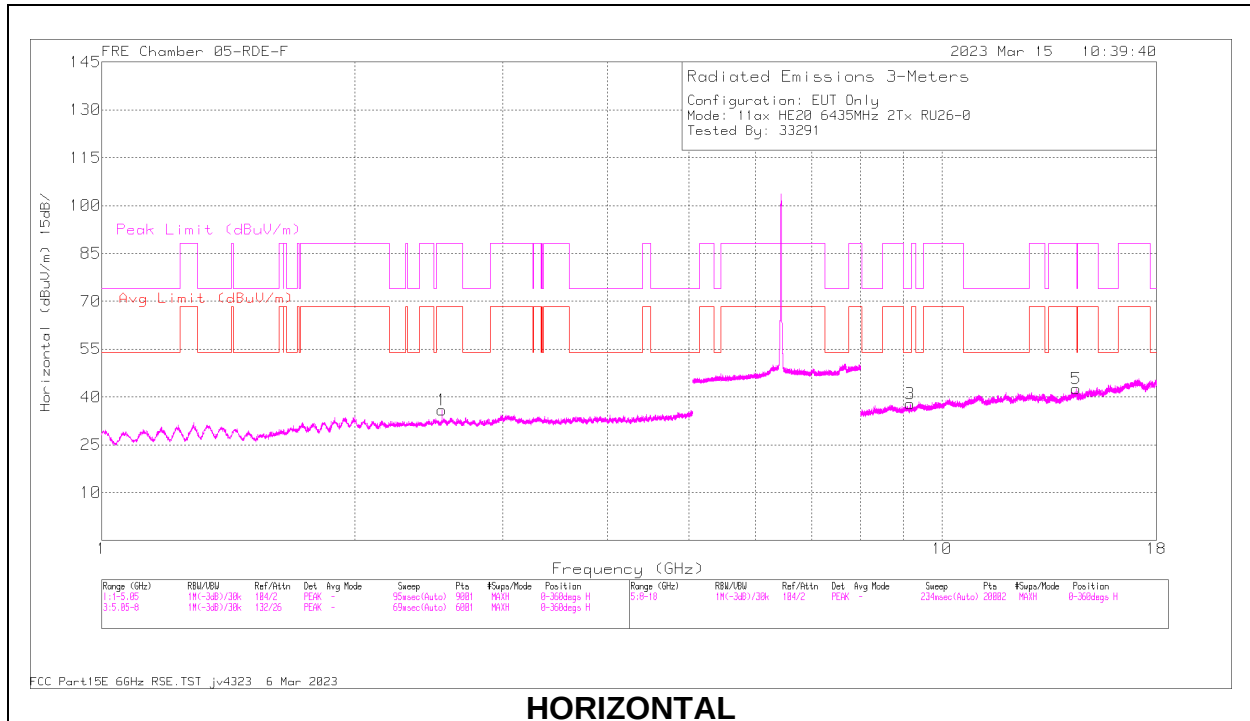
ADR - U-NII AD primary method, RMS average

1.1.5. 802.11ax HE20 MODE IN THE UNII-6 BAND

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

HARMONICS AND SPURIOUS EMISSIONS

LOW CHANNEL RESULTS



RADIATED EMISSIONS

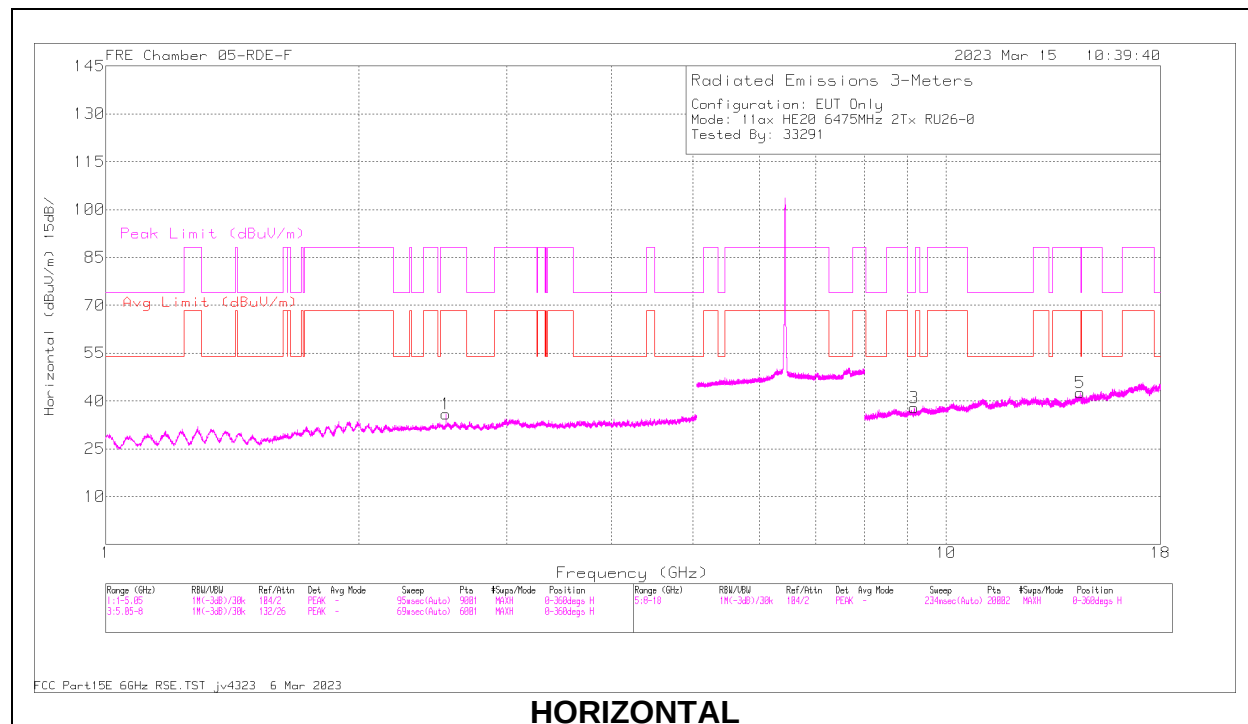
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	222740 ACF(dB) - 3mH	DCCF (dB)	Gain/Loss (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	2.54162	64.28	PK-U	32.2	0	-49.77	46.71	-	-	88.2	-41.49	159	159	H
	2.542553	48.93	ADR	32.2	0	-49.81	31.32	68.2	-36.88	-	-	159	159	H
2	2.575609	59.75	PK-U	32.3	0	-49.64	42.41	-	-	88.2	-45.79	19	360	V
	2.573648	48.22	ADR	32.3	0	-49.68	30.84	68.2	-37.36	-	-	19	360	V
3	*9.161247	56.8	PK-U	36.1	0	-45.58	47.32	-	-	74	-26.68	66	260	V
	*9.159874	43.94	ADR	36.1	0	-45.58	34.46	54	-19.54	-	-	66	260	V
4	*9.163026	55.3	PK-U	36.1	0	-45.55	45.85	-	-	74	-28.15	189	126	H
	*9.160046	43.88	ADR	36.1	0	-45.59	34.39	54	-19.61	-	-	189	126	H
5	14.446675	55.94	PK-U	39.1	0	-43.6	51.44	-	-	88.2	-36.76	250	314	V
	14.444952	44.41	ADR	39.1	0	-43.61	39.9	68.2	-28.3	-	-	250	314	V
6	14.447382	56.05	PK-U	39.1	0	-43.6	51.55	-	-	88.2	-36.65	156	254	H
	14.446758	44.45	ADR	39.1	0	-43.6	39.95	68.2	-28.25	-	-	156	254	H

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

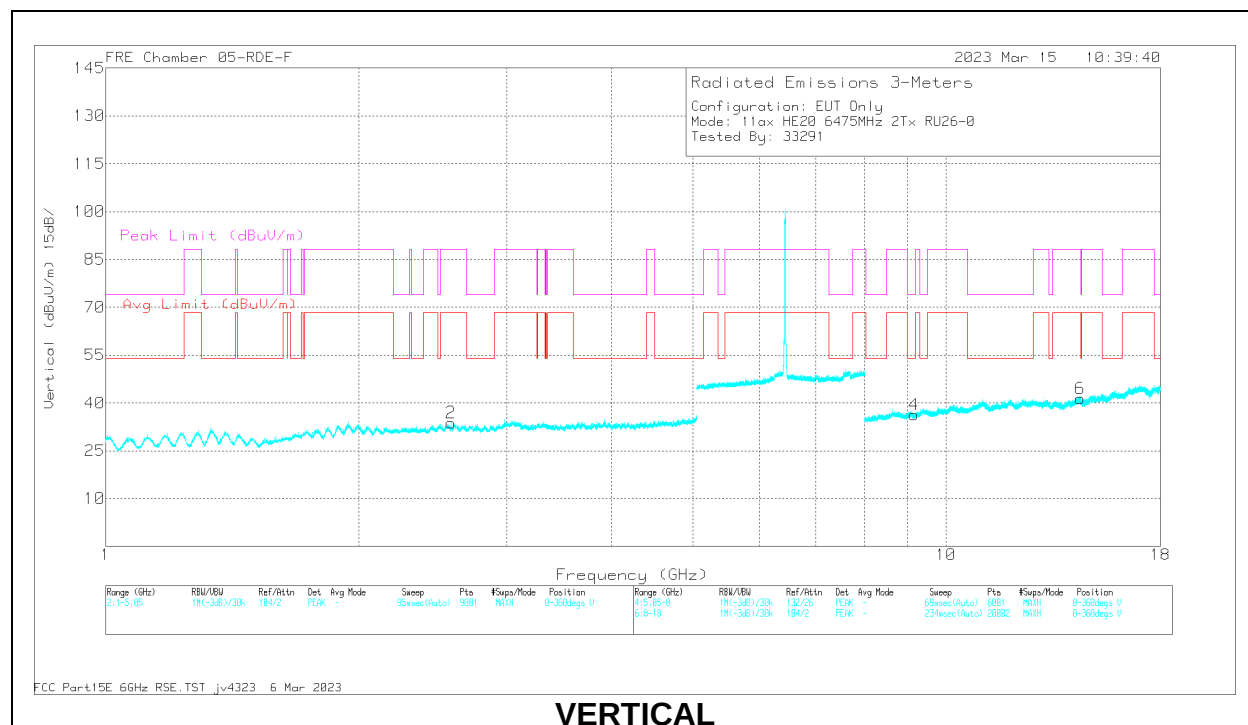
PK-U - U-NII: Maximum Peak

ADR - U-NII AD primary method, RMS average

MID CHANNEL RESULTS



HORIZONTAL



VERTICAL

RADIATED EMISSIONS

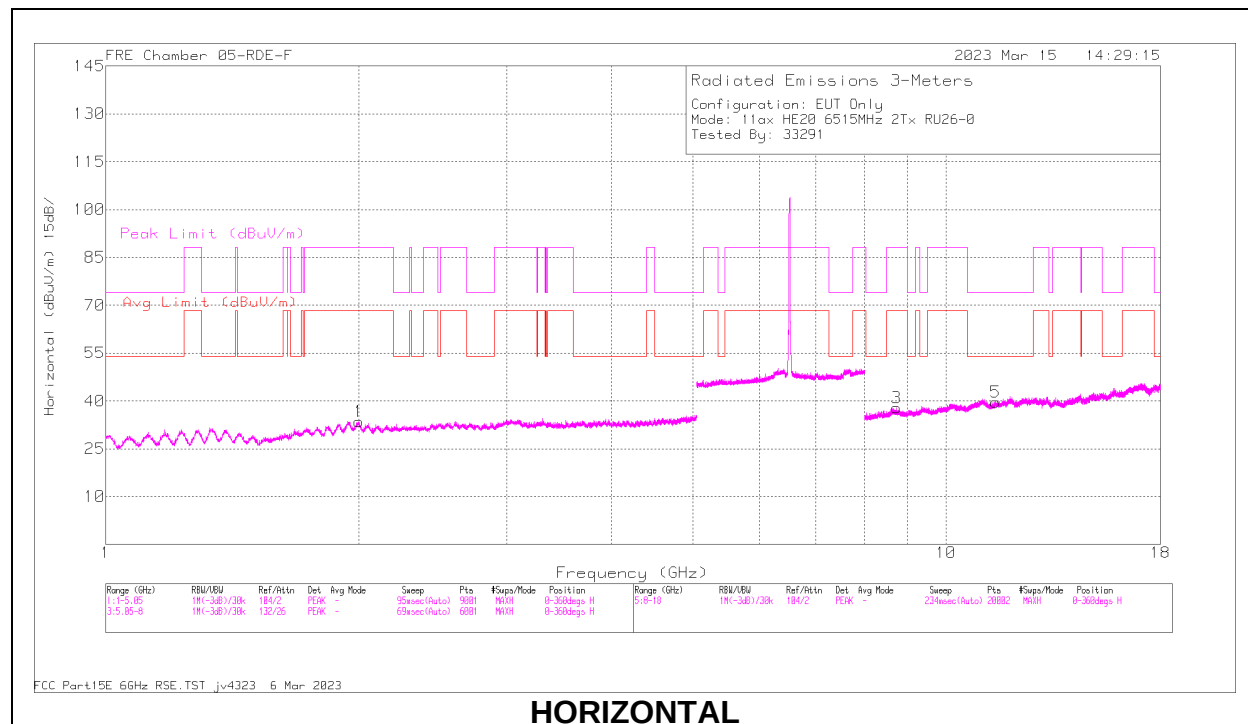
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	222740 ACF(dB) - 3mH	DCCF (dB)	Gain/Loss (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	2.54162	64.28	PK-U	32.2	0	-49.77	46.71	-	-	88.2	-41.49	159	159	H
	2.542553	48.93	ADR	32.2	0	-49.81	31.32	68.2	-36.88	-	-	159	159	H
2	2.575609	59.75	PK-U	32.3	0	-49.64	42.41	-	-	88.2	-45.79	19	360	V
	2.573648	48.22	ADR	32.3	0	-49.68	30.84	68.2	-37.36	-	-	19	360	V
3	*9.161247	56.8	PK-U	36.1	0	-45.58	47.32	-	-	74	-26.68	66	260	V
	*9.159874	43.94	ADR	36.1	0	-45.58	34.46	54	-19.54	-	-	66	260	V
4	*9.163026	55.3	PK-U	36.1	0	-45.55	45.85	-	-	74	-28.15	189	126	H
	*9.160046	43.88	ADR	36.1	0	-45.59	34.39	54	-19.61	-	-	189	126	H
5	14.446675	55.94	PK-U	39.1	0	-43.6	51.44	-	-	88.2	-36.76	250	314	V
	14.444952	44.41	ADR	39.1	0	-43.61	39.9	68.2	-28.3	-	-	250	314	V
6	14.447382	56.05	PK-U	39.1	0	-43.6	51.55	-	-	88.2	-36.65	156	254	H
	14.446758	44.45	ADR	39.1	0	-43.6	39.95	68.2	-28.25	-	-	156	254	H

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

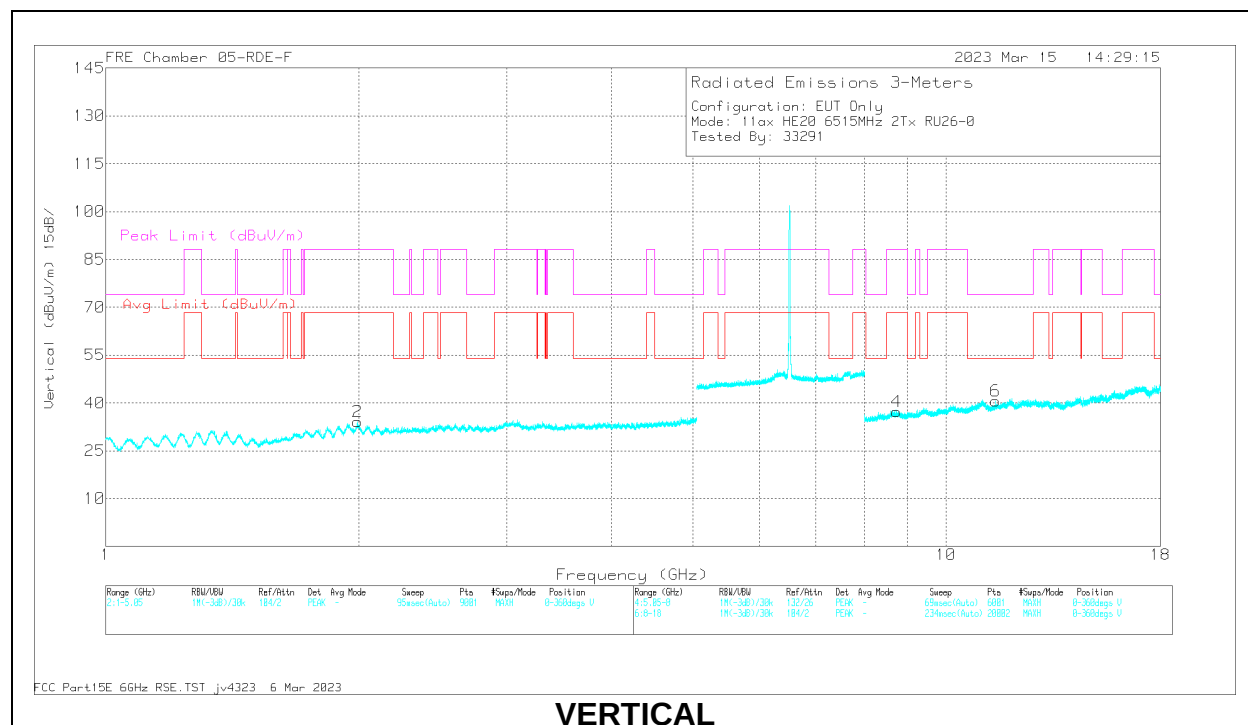
PK-U - U-NII: Maximum Peak

ADR - U-NII AD primary method, RMS average

HIGH CHANNEL RESULTS



HORIZONTAL



VERTICAL

RADIATED EMISSIONS

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	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)	Azimuth (Degs)	Height (cm)	Polarity
2	1.994669	61.67	PK-U	31.5	0	-50.17	43	-	-	88.2	-45.2	162	384	V
	1.99423	50.36	ADR	31.5	0	-50.17	31.69	68.2	-36.51	-	-	162	384	V
1	1.996952	61.62	PK-U	31.5	0	-50.06	43.06	-	-	88.2	-45.14	4	216	H
	1.996854	50.33	ADR	31.5	0	-50.07	31.76	68.2	-36.44	-	-	4	216	H
3	8.731975	56.78	PK-U	36	0	-45.27	47.51	-	-	88.2	-40.69	229	175	H
	8.734882	44.45	ADR	36	0	-45.34	35.11	68.2	-33.09	-	-	229	175	H
4	8.734716	56.02	PK-U	36	0	-45.33	46.69	-	-	88.2	-41.51	255	235	V
	8.736097	44.43	ADR	36	0	-45.34	35.09	68.2	-33.11	-	-	255	235	V
6	*11.457811	54.28	PK-U	38	0	-44.17	48.11	-	-	74	-25.89	6	308	V
	*11.455097	42.98	ADR	38	0	-44.18	36.8	54	-17.2	-	-	6	308	V
5	*11.458604	54.23	PK-U	38	0	-44.17	48.06	-	-	74	-25.94	17	360	H
	*11.459766	42.73	ADR	38	0	-44.13	36.6	54	-17.4	-	-	17	360	H

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

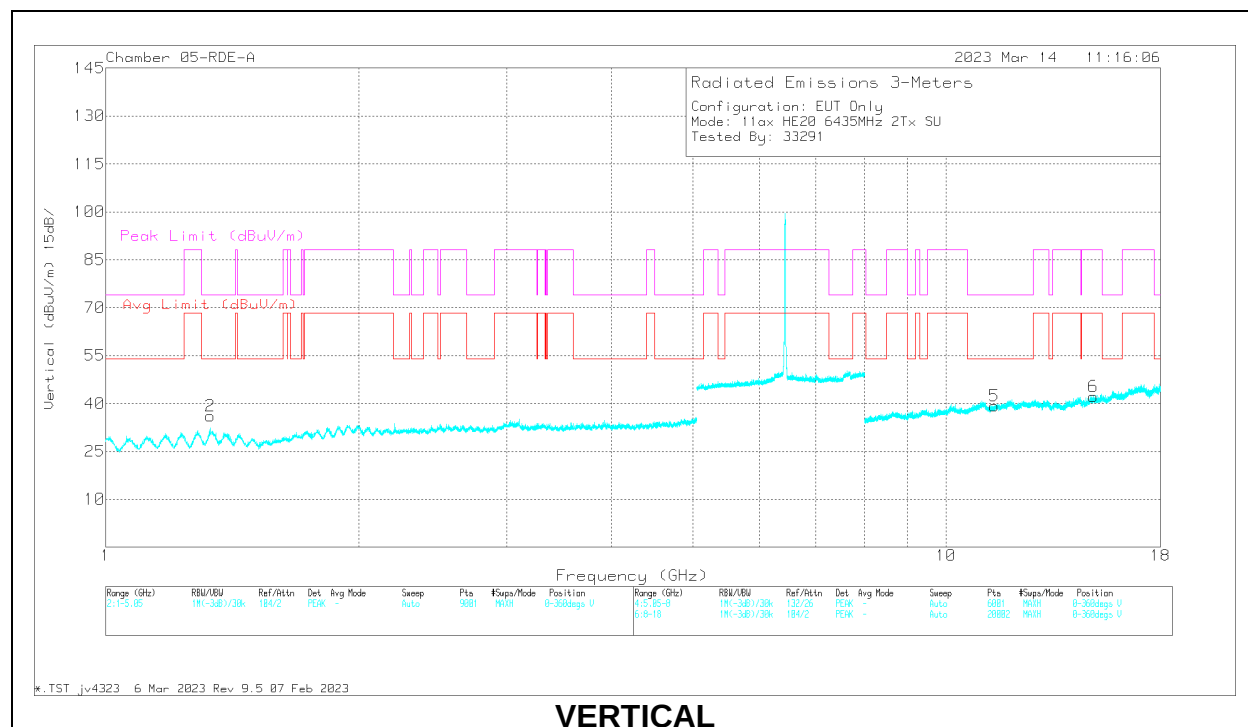
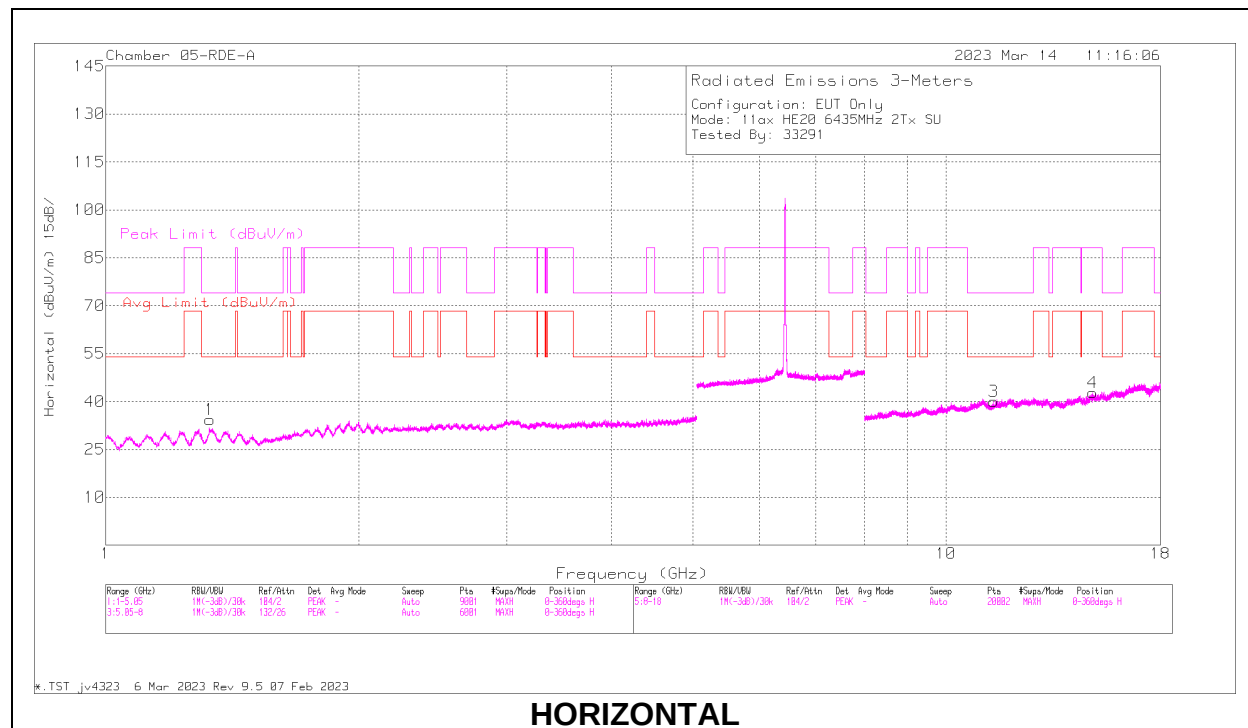
PK-U - U-NII: Maximum Peak

ADR - U-NII AD primary method, RMS average

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

HARMONICS AND SPURIOUS EMISSIONS

LOW CHANNEL RESULTS



RADIATED EMISSIONS

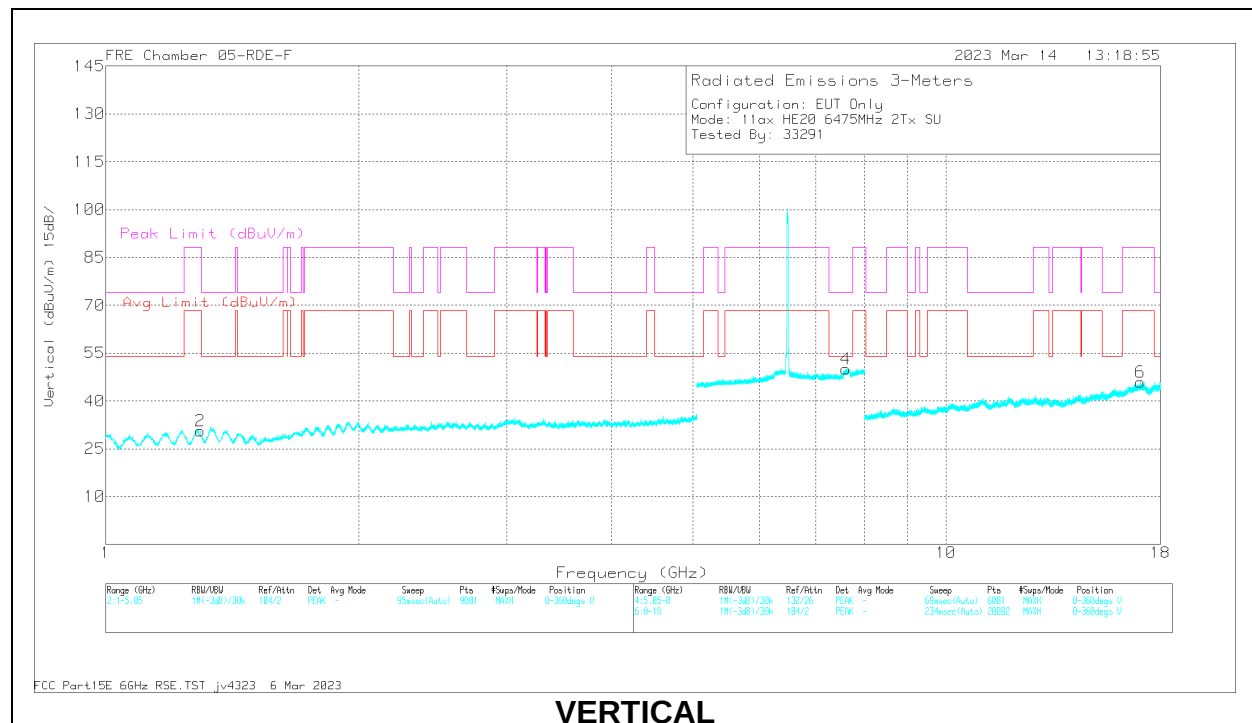
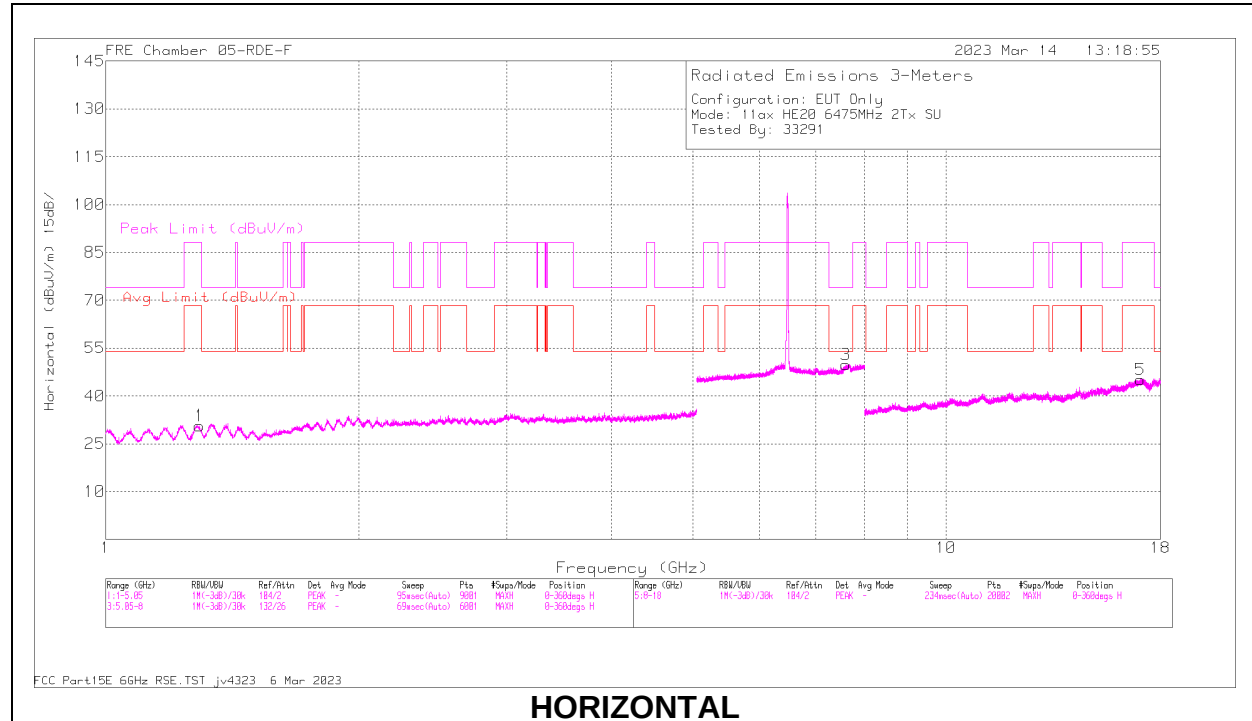
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	222740 ACF(dB) - 3mH	DCCF (dB)	Gain/Loss (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	*1.330221	62.45	PK-U	29.1	0	-46.81	44.74	-	-	74	-29.26	59	132	V
	*1.331447	50.99	ADR	29.1	0	-46.8	33.29	54	-20.71	-	-	59	132	V
2	*1.332121	62.61	PK-U	29.1	0	-46.81	44.9	-	-	74	-29.1	57	269	H
	*1.332506	51.15	ADR	29.1	0	-46.79	33.46	54	-20.54	-	-	57	269	H
3	*7.626428	59.06	PK-U	35.6	0	-33.84	60.82	-	-	74	-13.18	72	221	H
	*7.625322	47.61	ADR	35.6	0	-33.86	49.35	54	-4.65	-	-	72	221	H
5	*7.630837	59.44	PK-U	35.7	0	-33.83	61.31	-	-	74	-12.69	272	105	V
	*7.630772	47.53	ADR	35.7	0	-33.83	49.4	54	-4.6	-	-	272	105	V
4	*15.936567	54.86	PK-U	40.6	0	-43.63	51.83	-	-	74	-22.17	86	188	H
	*15.935284	43.28	ADR	40.6	0	-43.63	40.25	54	-13.75	-	-	86	188	H
6	*15.945936	54.34	PK-U	40.6	0	-43.69	51.25	-	-	74	-22.75	170	145	V
	*15.944163	43.05	ADR	40.6	0	-43.62	40.03	54	-13.97	-	-	170	145	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



RADIATED EMISSIONS

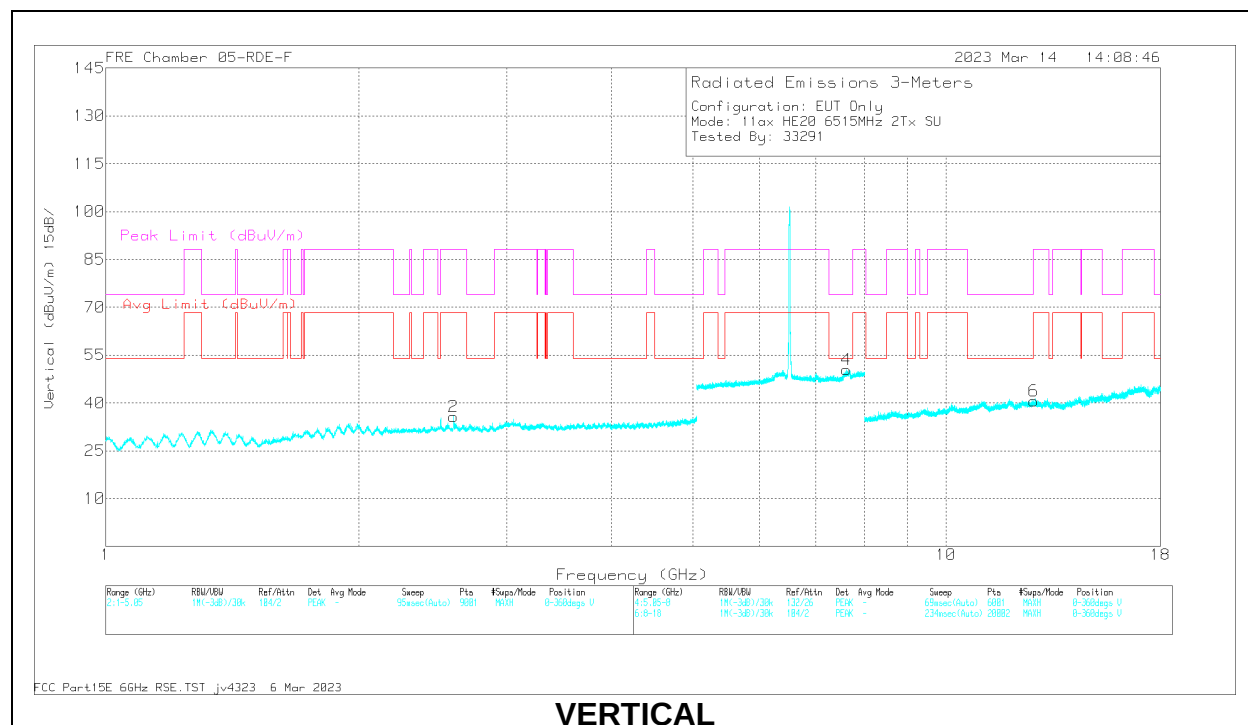
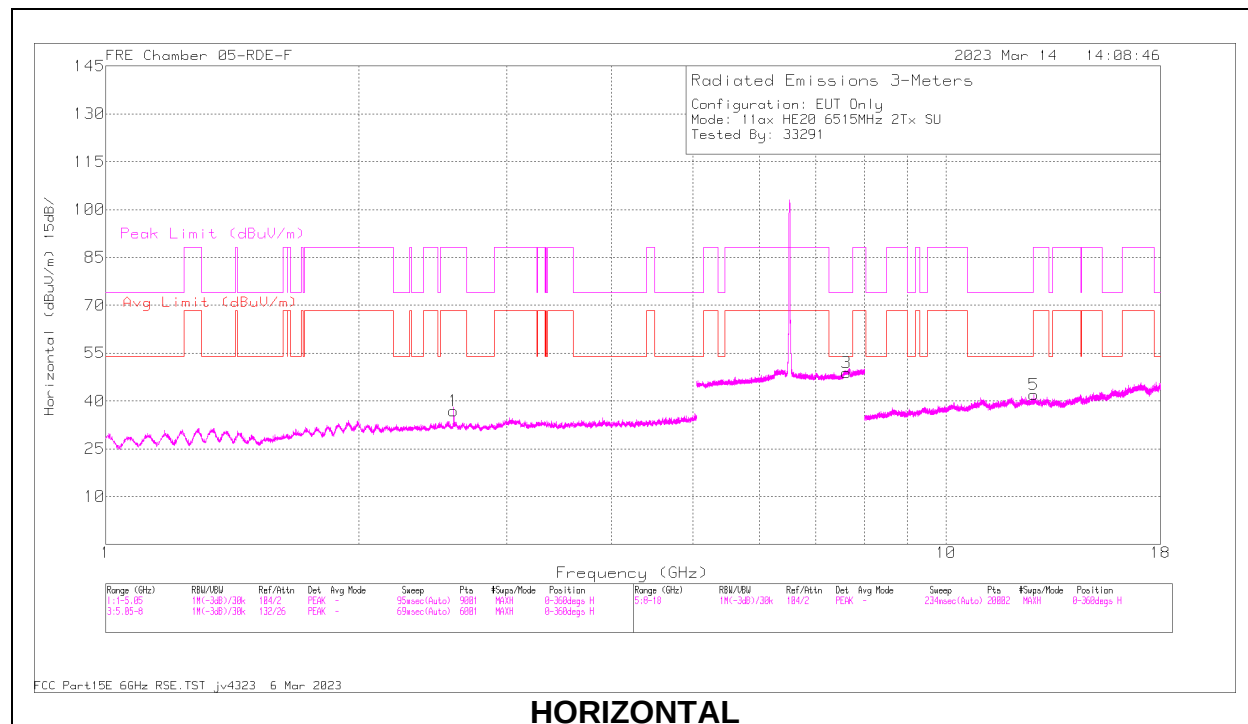
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	222740 ACF(dB) - 3mH	DCCF (dB)	Gain/Loss (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	*1.289432	62.49	PK-U	29	0	-50.44	41.05	-	-	74	-32.95	1	199	H
	*1.291378	50.66	ADR	29	0	-50.45	29.21	54	-24.79	-	-	1	199	H
2	*1.295405	61.6	PK-U	29	0	-50.49	40.11	-	-	74	-33.89	76	349	V
	*1.295902	50.1	ADR	29	0	-50.5	28.6	54	-25.4	-	-	76	349	V
4	*7.592483	58.88	PK-U	35.6	0	-36.88	57.6	-	-	74	-16.4	120	350	V
	*7.59134	47.58	ADR	35.6	0	-36.89	46.29	54	-7.71	-	-	120	350	V
3	*7.597058	59.21	PK-U	35.6	0	-36.9	57.91	-	-	74	-16.09	311	382	H
	*7.595579	47.54	ADR	35.6	0	-36.9	46.24	54	-7.76	-	-	311	382	H
5	17.038087	55.86	PK-U	42.3	0	-43.25	54.91	-	-	88.2	-33.29	145	269	V
	17.039681	44.05	ADR	42.3	0	-43.23	43.12	68.2	-25.08	-	-	145	269	V
6	17.04132	55.27	PK-U	42.3	0	-43.24	54.33	-	-	88.2	-33.87	348	267	H
	17.042578	44.06	ADR	42.3	0	-43.25	43.11	68.2	-25.09	-	-	348	267	H

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

PK-U - U-NII: Maximum Peak

ADR - U-NII AD primary method, RMS average

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)	Azimuth (Degs)	Height (cm)	Polarity
2	2.59328	60.19	PK-U	32.3	0	-49.52	42.97	-	-	88.2	-45.23	165	178	H
	2.593018	48.53	ADR	32.3	0	-49.52	31.31	68.2	-36.89	-	-	165	178	H
1	2.59488	59.89	PK-U	32.3	0	-49.49	42.7	-	-	88.2	-45.5	92	178	V
	2.59462	48.56	ADR	32.3	0	-49.5	31.36	68.2	-36.84	-	-	92	178	V
4	*7.608629	59.5	PK-U	35.6	0	-36.85	58.25	-	-	74	-15.75	190	161	V
	*7.608341	47.59	ADR	35.6	0	-36.85	46.34	54	-7.66	-	-	190	161	V
3	*7.611993	59.56	PK-U	35.6	0	-36.86	58.3	-	-	74	-15.7	234	330	H
	*7.611236	47.69	ADR	35.6	0	-36.87	46.42	54	-7.58	-	-	234	330	H
5	12.710125	54.7	PK-U	39	0	-43.46	50.24	-	-	88.2	-37.96	72	190	H
	12.710451	43.52	ADR	39	0	-43.47	39.05	68.2	-29.15	-	-	72	190	H
6	12.713777	54.95	PK-U	39	0	-43.45	50.5	-	-	88.2	-37.7	346	345	V
	12.714945	43.33	ADR	39	0	-43.42	38.91	68.2	-29.29	-	-	346	345	V

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

PK-U - U-NII: Maximum Peak

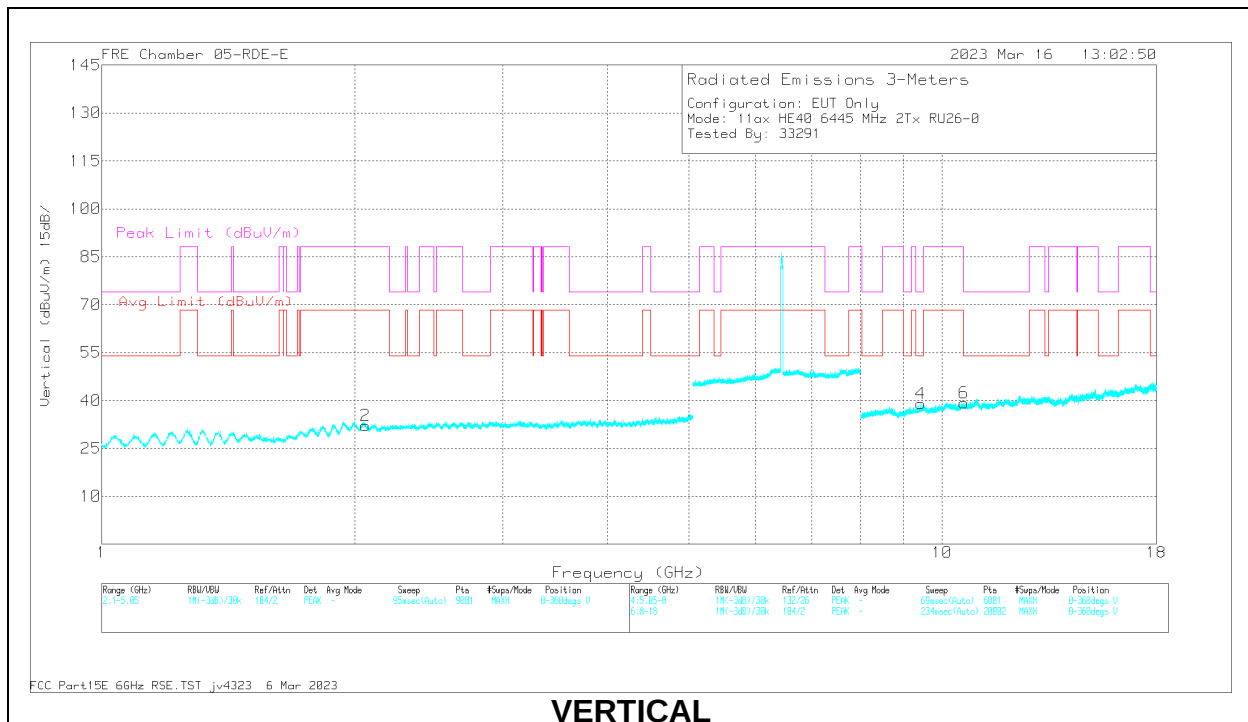
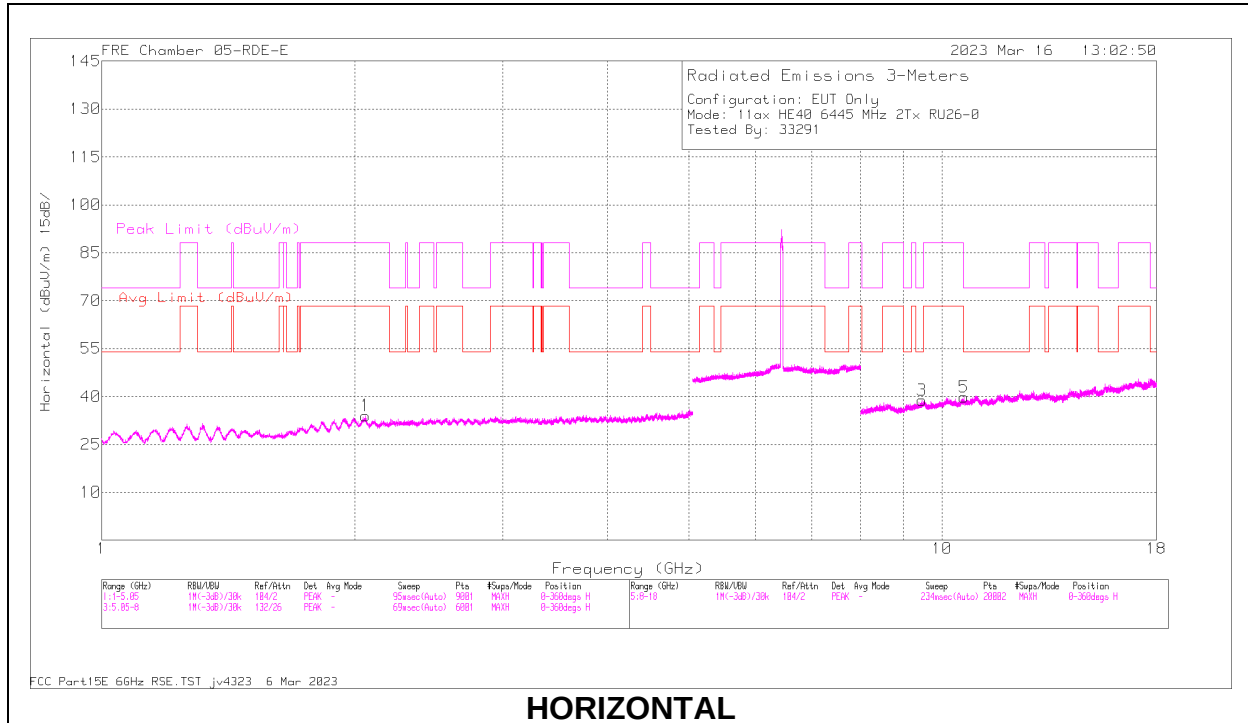
ADR - U-NII AD primary method, RMS average

1.1.6. 802.11ax HE40 MODE IN THE UNII-6 BAND

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

HARMONICS AND SPURIOUS EMISSIONS

LOW CHANNEL RESULTS



RADIATED EMISSIONS

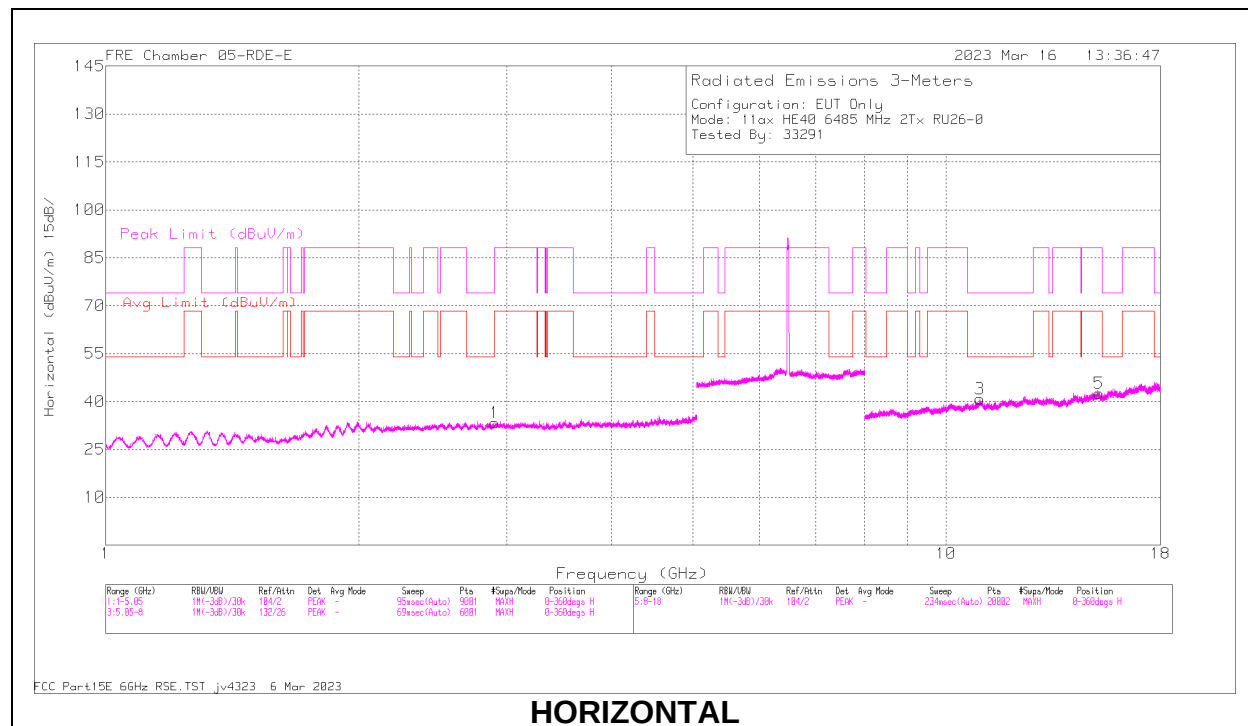
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	226671 ACF (dB) 3mH	DCCF (dB)	Gain/Loss (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	2.058495	61.72	PK-U	31.5	0	-50.21	43.01	-	-	88.2	-45.19	259	281	V
	2.057662	49.99	ADR	31.5	0	-50.24	31.25	68.2	-36.95	-	-	259	281	V
2	2.058879	61.63	PK-U	31.5	0	-50.19	42.94	-	-	88.2	-45.26	320	297	H
	2.057017	50.19	ADR	31.5	0	-50.27	31.42	68.2	-36.78	-	-	320	297	H
4	*9.441711	57.24	PK-U	36.4	0	-46.04	47.6	-	-	74	-26.4	259	200	V
	*9.441474	45.6	ADR	36.4	0	-46.05	35.95	54	-18.05	-	-	259	200	V
3	*9.472666	57.47	PK-U	36.5	0	-46.21	47.76	-	-	74	-26.24	259	199	H
	*9.470382	45.77	ADR	36.5	0	-46.23	36.04	54	-17.96	-	-	259	199	H
5	*10.622767	55.56	PK-U	37.8	0	-44.73	48.63	-	-	74	-25.37	259	101	H
	*10.624692	44.1	ADR	37.8	0	-44.78	37.12	54	-16.88	-	-	259	101	H
6	*10.629109	55.54	PK-U	37.8	0	-44.76	48.58	-	-	74	-25.42	259	200	V
	*10.628265	44.26	ADR	37.8	0	-44.77	37.29	54	-16.71	-	-	259	200	V

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

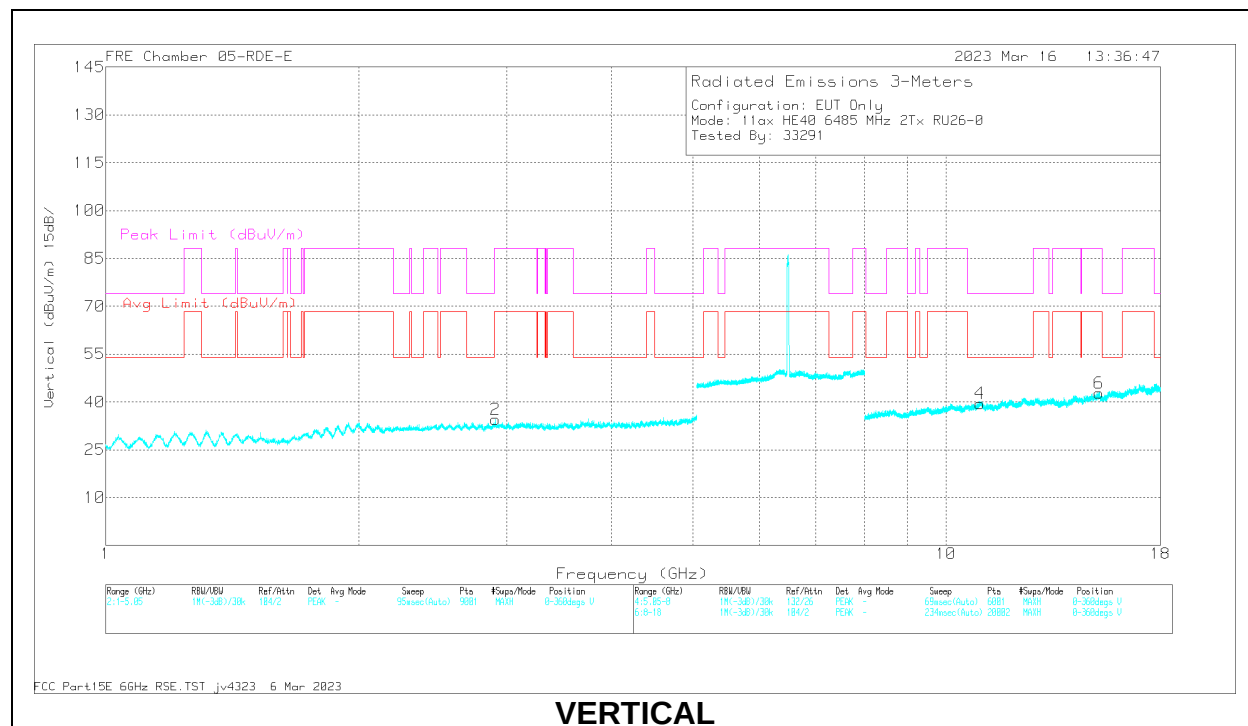
PK-U - U-NII: Maximum Peak

ADR - U-NII AD primary method, RMS average

HIGH CHANNEL RESULTS



HORIZONTAL



VERTICAL

RADIATED EMISSIONS

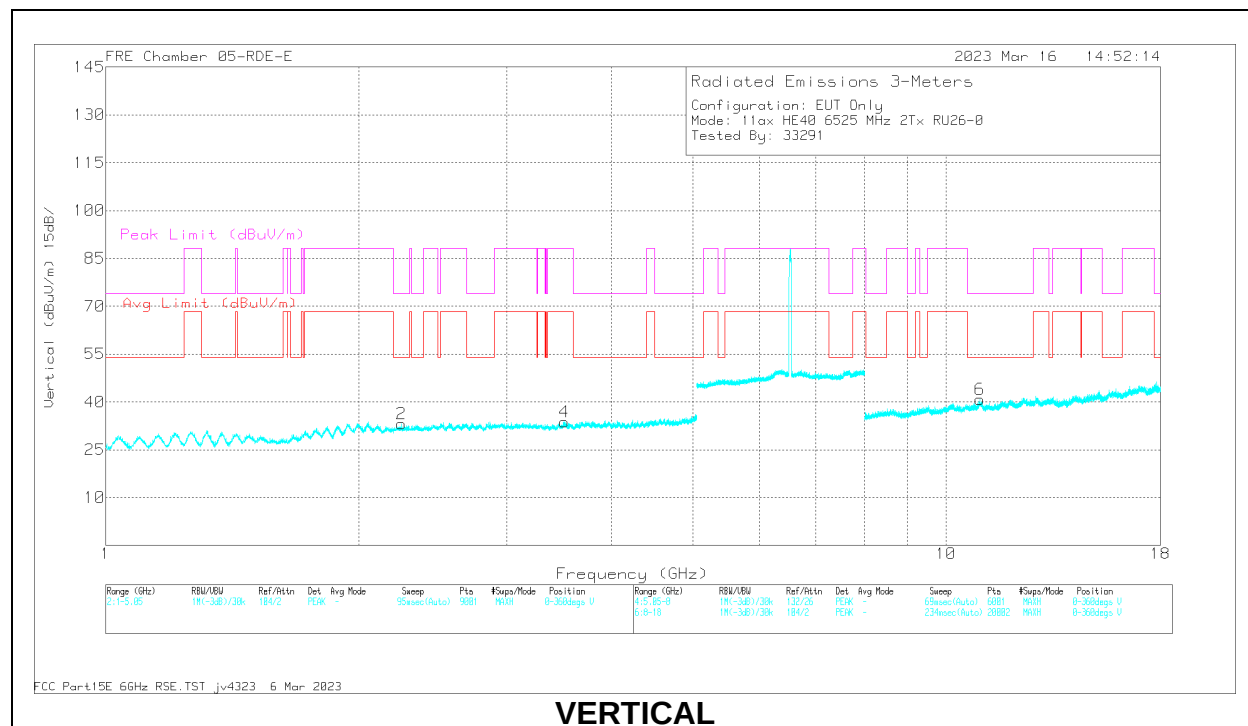
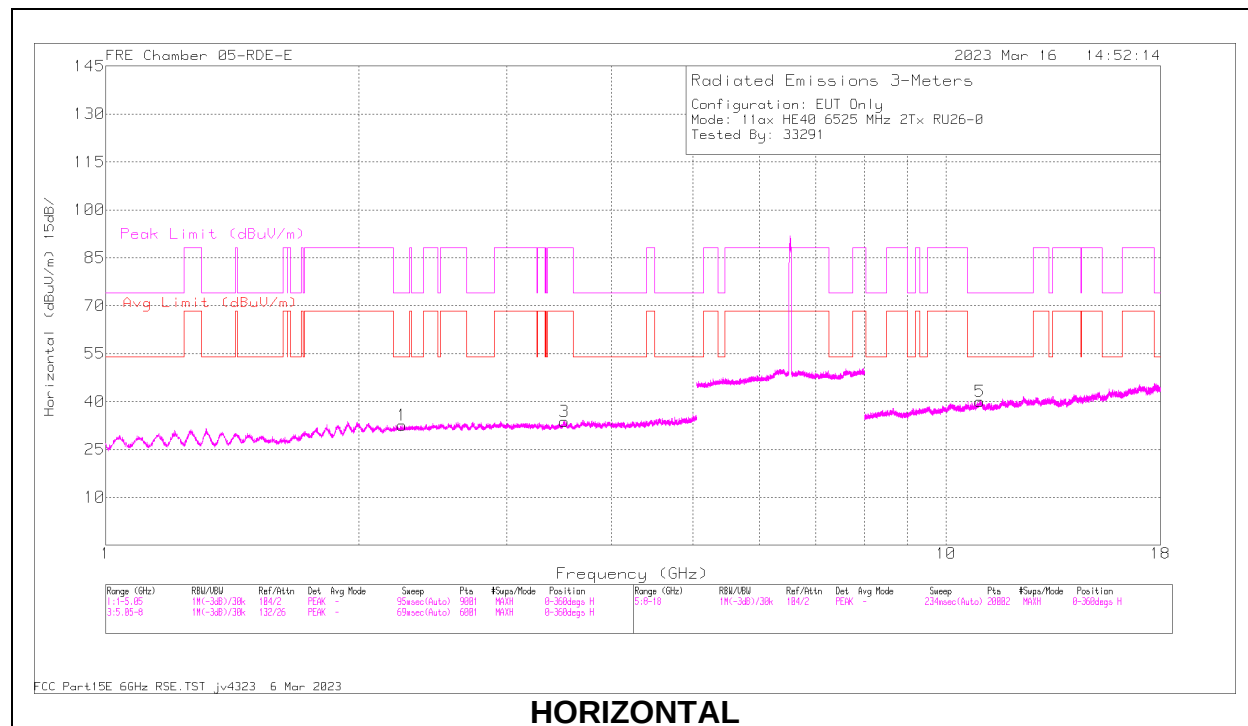
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	226671 ACF (dB) 3mH	DCCF (dB)	Gain/Loss (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	2.905677	59.58	PK-U	32.5	0	-48.96	43.12	-	-	88.2	-45.08	360	101	H
	2.904085	48.25	ADR	32.5	0	-48.95	31.8	68.2	-36.4	-	-	360	101	H
2	2.908055	59.9	PK-U	32.5	0	-48.94	43.46	-	-	88.2	-44.74	360	101	V
	2.907833	48.05	ADR	32.5	0	-48.94	31.61	68.2	-36.59	-	-	360	101	V
3	*10.979239	56.18	PK-U	37.9	0	-44.13	49.95	-	-	74	-24.05	360	101	H
	*10.97899	44.36	ADR	37.9	0	-44.13	38.13	54	-15.87	-	-	360	101	H
4	*10.980625	55.97	PK-U	37.9	0	-44.13	49.74	-	-	74	-24.26	360	200	V
	*10.979124	44.44	ADR	37.9	0	-44.13	38.21	54	-15.79	-	-	360	200	V
5	15.205188	55.33	PK-U	39.9	0	-43.24	51.99	-	-	88.2	-36.21	360	200	V
	15.206896	43.99	ADR	39.9	0	-43.18	40.71	68.2	-27.49	-	-	360	200	V
6	15.20865	55.48	PK-U	39.9	0	-43.1	52.28	-	-	88.2	-35.92	360	101	H
	15.205844	44.1	ADR	39.9	0	-43.22	40.78	68.2	-27.42	-	-	360	101	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

STRADDLE CHANNEL RESULTS



RADIATED EMISSIONS

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	226671 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)	Azimuth (Degs)	Height (cm)	Polarity
2	*2.244528	61.51	PK-U	31.6	0	-50.47	42.64	-	-	74	-31.36	344	339	V
	*2.246347	49.34	ADR	31.6	0	-50.45	30.49	54	-23.51	-	-	344	339	V
1	*2.252291	60.75	PK-U	31.6	0	-50.43	41.92	-	-	74	-32.08	3	335	H
	*2.251932	49.31	ADR	31.6	0	-50.42	30.49	54	-23.51	-	-	3	335	H
4	*3.514582	57.4	PK-U	32.9	0	-47.05	43.25	-	-	74	-30.75	244	306	V
	*3.514325	46.07	ADR	32.9	0	-47.05	31.92	54	-22.08	-	-	244	306	V
3	*3.515399	57.71	PK-U	32.9	0	-47.03	43.58	-	-	74	-30.42	50	157	H
	*3.517479	46.19	ADR	32.9	0	-47.02	32.07	54	-21.93	-	-	50	157	H
5	*10.974056	55.67	PK-U	37.9	0	-44.15	49.42	-	-	74	-24.58	244	200	H
	*10.973656	44.07	ADR	37.9	0	-44.15	37.82	54	-16.18	-	-	244	200	H
6	*10.97658	56.33	PK-U	37.9	0	-44.12	50.11	-	-	74	-23.89	244	200	V
	*10.978374	44.24	ADR	37.9	0	-44.12	38.02	54	-15.98	-	-	244	200	V

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

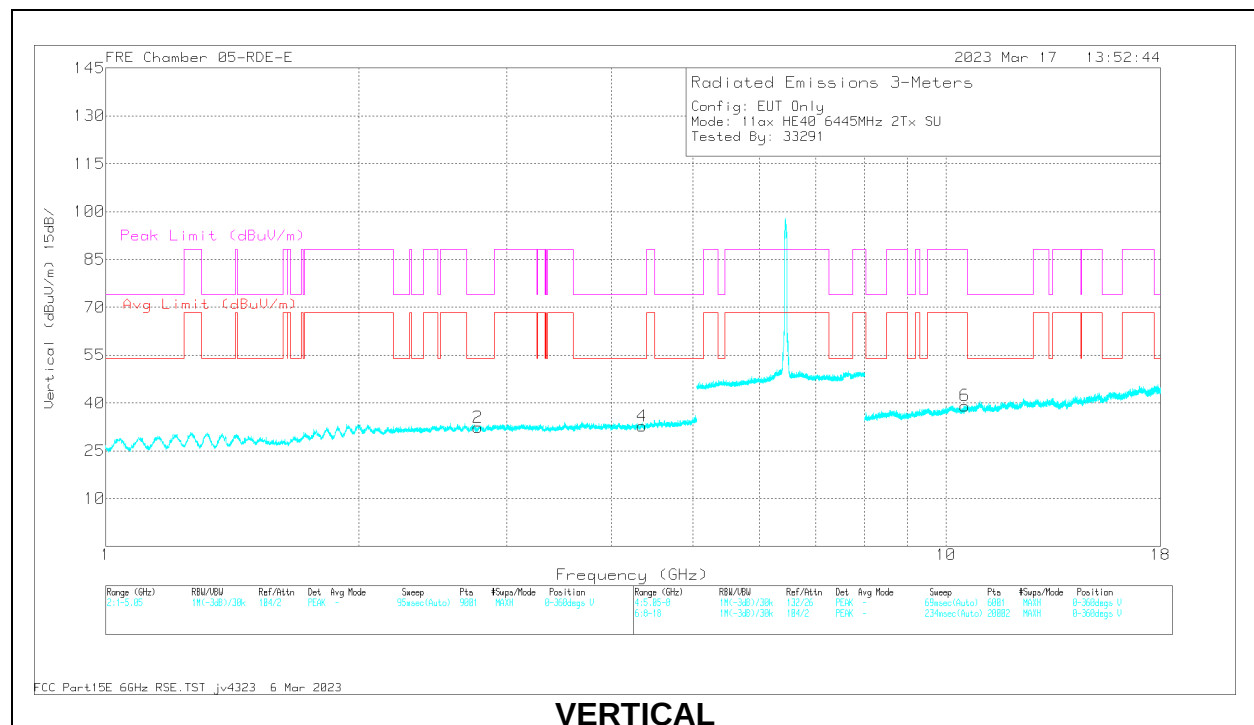
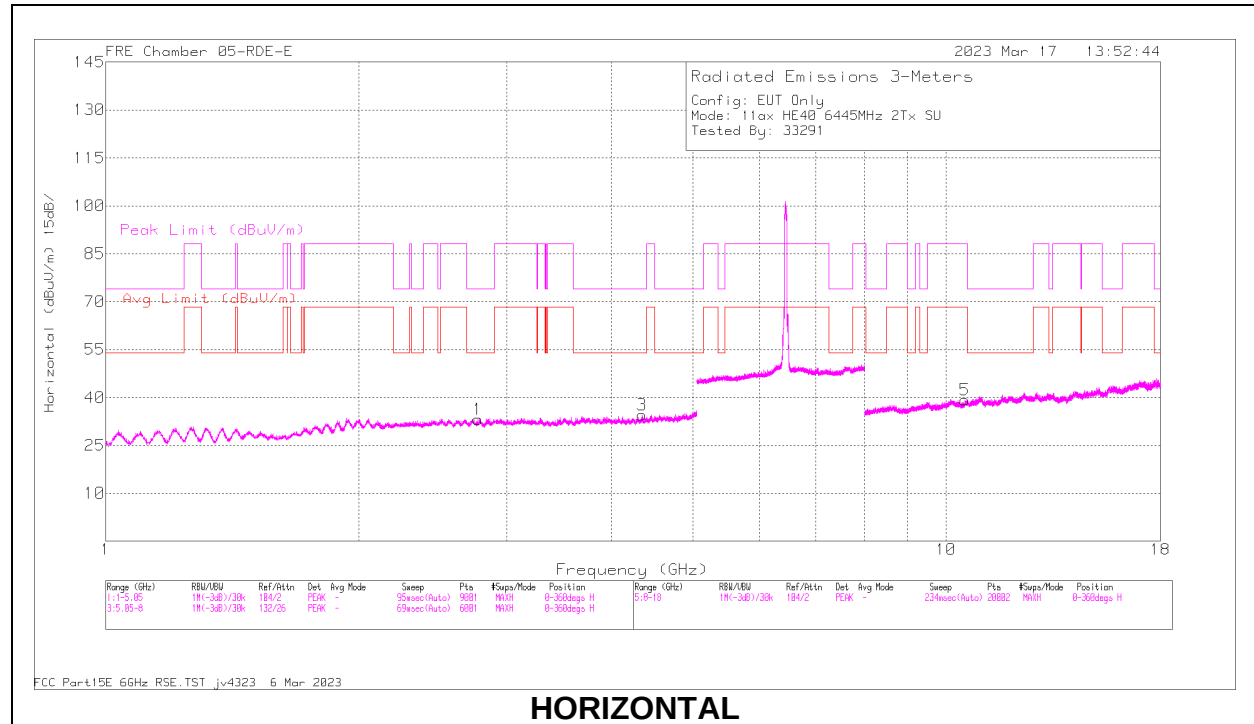
PK-U - U-NII: Maximum Peak

ADR - U-NII AD primary method, RMS average

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

HARMONICS AND SPURIOUS EMISSIONS

LOW CHANNEL RESULTS



RADIATED EMISSIONS

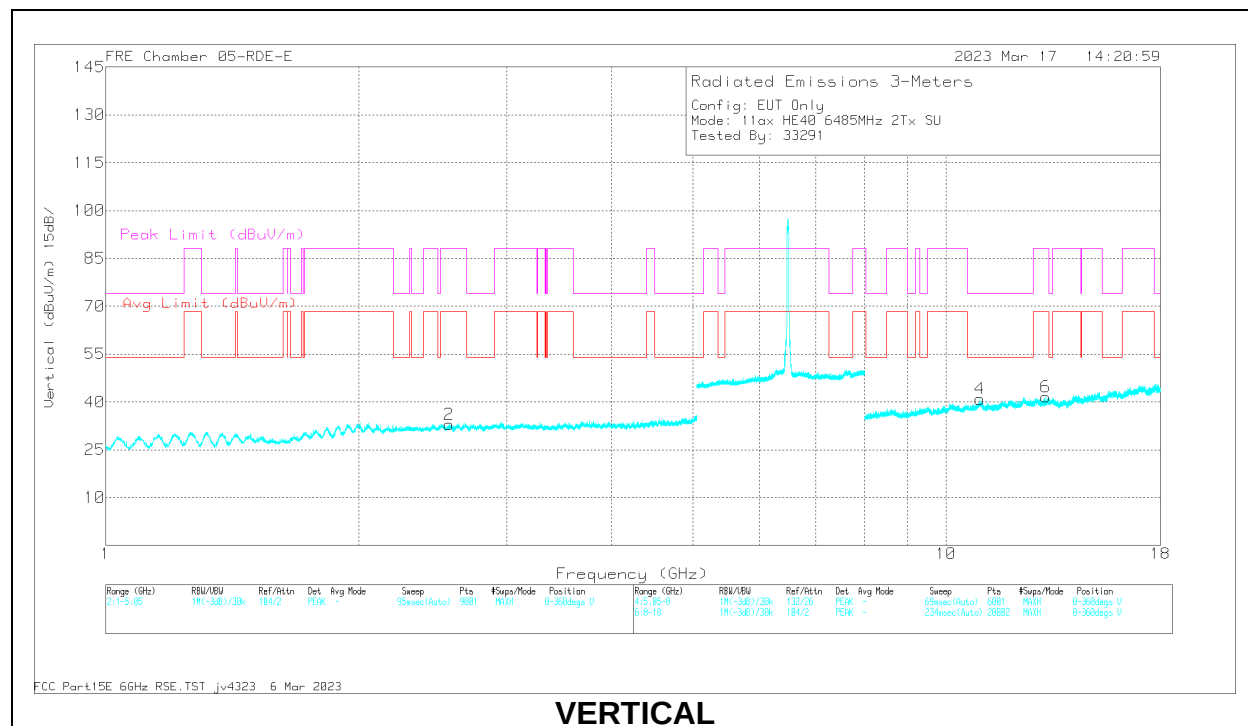
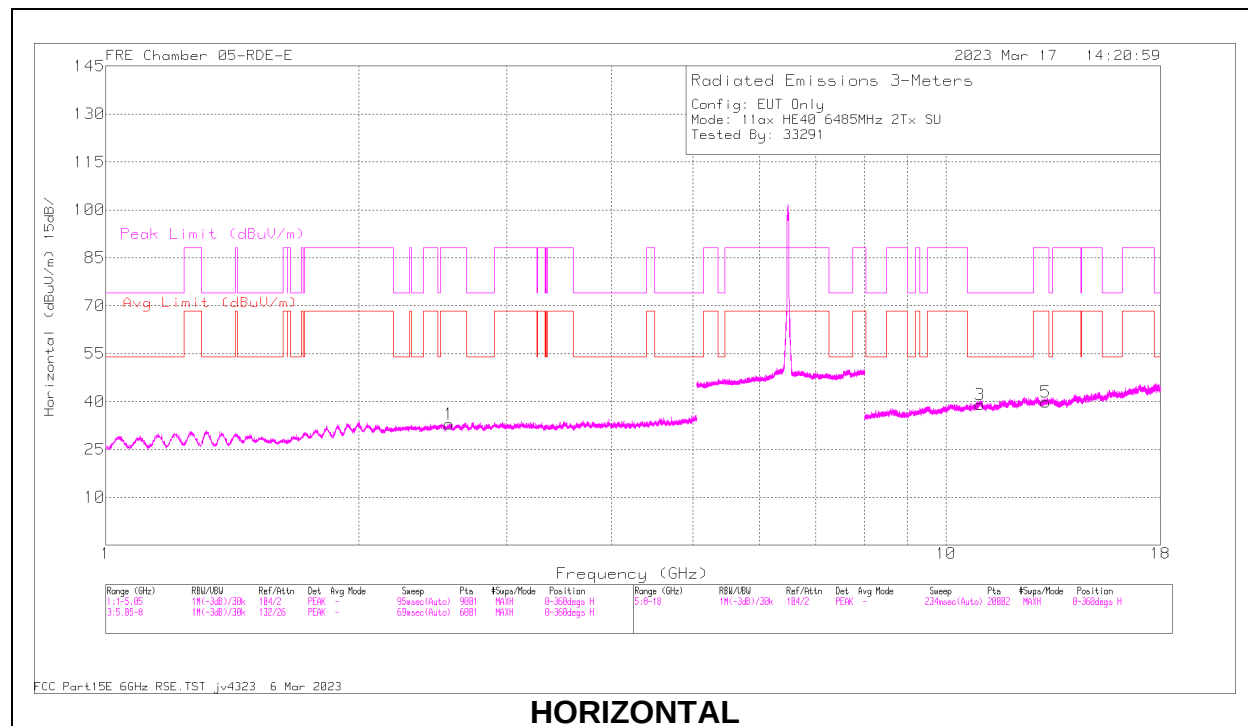
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	226671 ACF (dB) 3mH	DCCF (dB)	Gain/Loss (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
2	*2.772894	59.11	PK-U	32.4	0	-49.12	42.39	-	-	74	-31.61	360	199	V
	*2.773022	47.5	ADR	32.4	0	-49.12	30.78	54	-23.22	-	-	360	199	V
1	*2.774056	59.62	PK-U	32.4	0	-49.12	42.9	-	-	74	-31.1	360	200	H
	*2.774462	47.92	ADR	32.4	0	-49.13	31.19	54	-22.81	-	-	360	200	H
3	*4.346239	57.59	PK-U	33.5	0	-47.57	43.52	-	-	74	-30.48	360	101	H
	*4.347242	46	ADR	33.5	0	-47.53	31.97	54	-22.03	-	-	360	101	H
4	*4.347479	57.36	PK-U	33.5	0	-47.53	43.33	-	-	74	-30.67	360	101	V
	*4.3508	45.91	ADR	33.5	0	-47.53	31.88	54	-22.12	-	-	360	101	V
6	10.534287	56.39	PK-U	37.8	0	-45.77	48.42	-	-	88.2	-39.78	360	200	V
	10.534894	44.69	ADR	37.8	0	-45.74	36.75	68.2	-31.45	-	-	360	200	V
5	10.536409	56.12	PK-U	37.8	0	-45.69	48.23	-	-	88.2	-39.97	360	101	H
	10.537787	44.72	ADR	37.8	0	-45.63	36.89	68.2	-31.31	-	-	360	101	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



RADIATED EMISSIONS

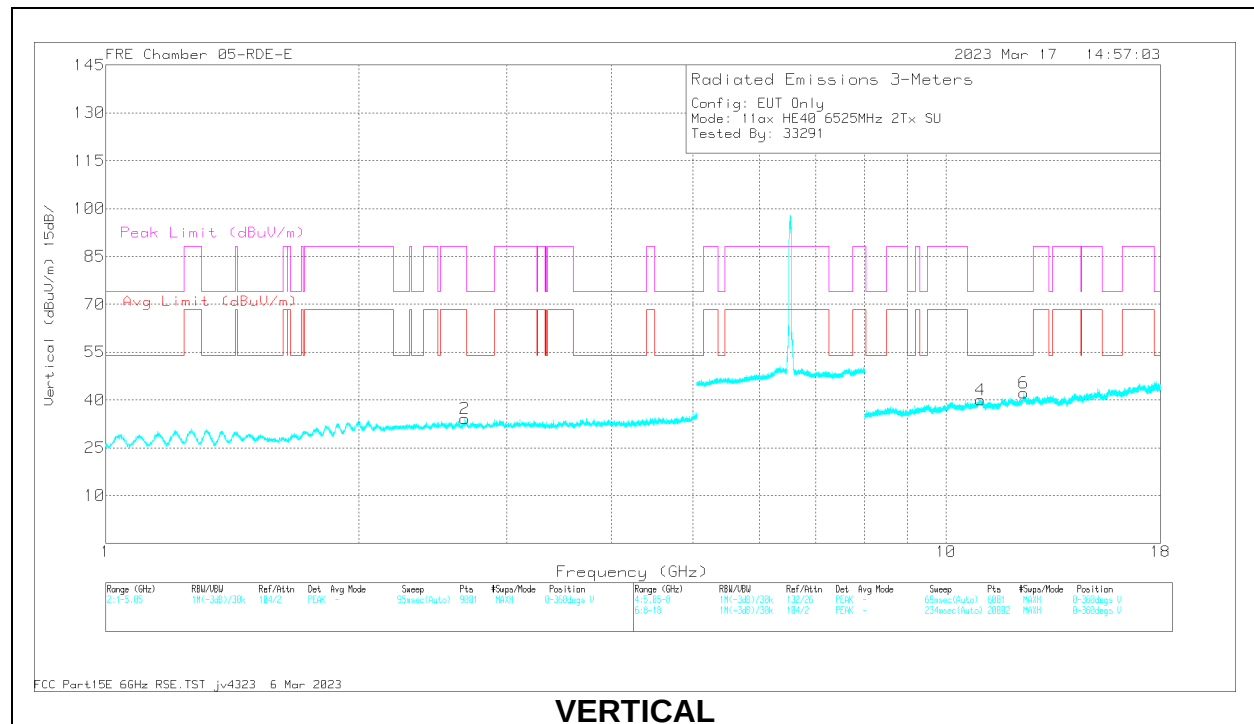
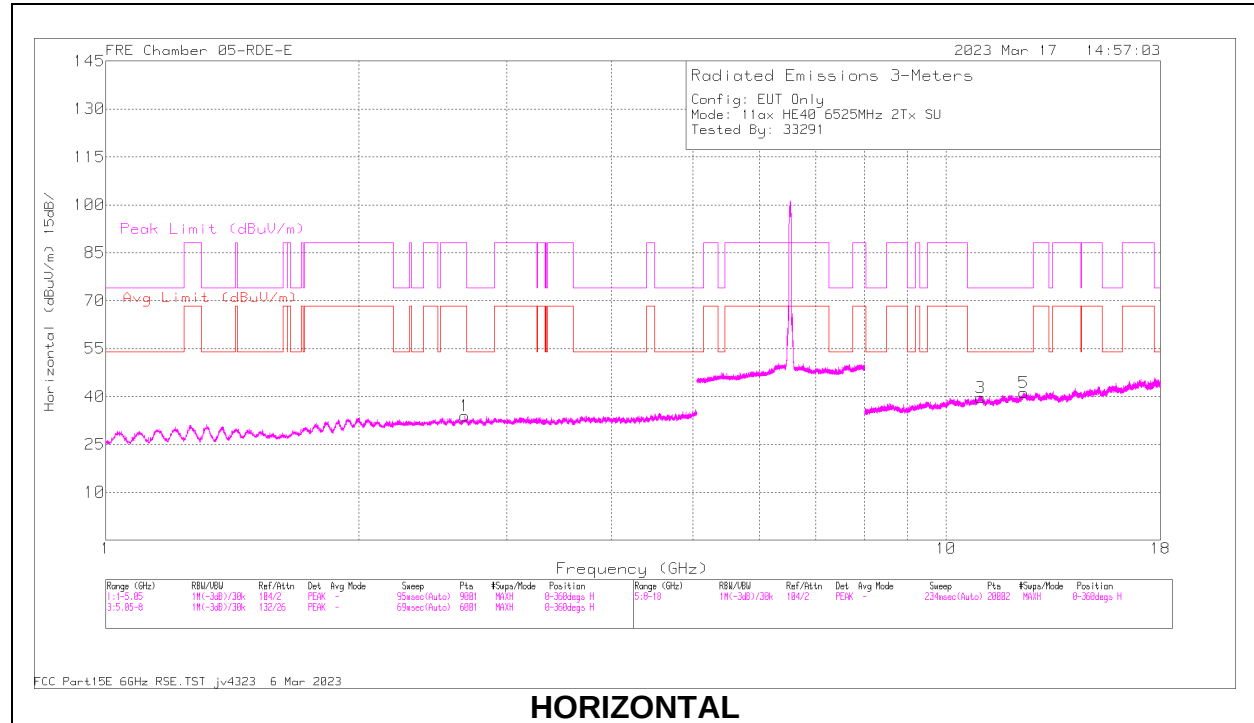
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	226671 ACF (dB) 3mH	DCCF (dB)	Gain/Loss (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
2	2.561662	60.16	PK-U	32.4	0	-49.74	42.82	-	-	88.2	-45.38	360	101	V
	2.560303	48.52	ADR	32.4	0	-49.73	31.19	68.2	-37.01	-	-	360	101	V
1	2.563962	60.51	PK-U	32.4	0	-49.73	43.18	-	-	88.2	-45.02	360	101	H
	2.563845	48.59	ADR	32.4	0	-49.73	31.26	68.2	-36.94	-	-	360	101	H
4	*10.979347	55.38	PK-U	37.9	0	-44.14	49.14	-	-	74	-24.86	168	188	V
	*10.978921	44.38	ADR	37.9	0	-44.13	38.15	54	-15.85	-	-	168	188	V
3	*10.980721	56.03	PK-U	37.9	0	-44.13	49.8	-	-	74	-24.2	48	310	H
	*10.979213	44.41	ADR	37.9	0	-44.13	38.18	54	-15.82	-	-	48	310	H
5	13.149588	55.95	PK-U	38.8	0	-44.53	50.22	-	-	88.2	-37.98	48	199	H
	13.150085	44.45	ADR	38.8	0	-44.54	38.71	68.2	-29.49	-	-	48	199	H
6	13.148905	56.12	PK-U	38.8	0	-44.5	50.42	-	-	88.2	-37.78	168	200	V
	13.151444	44.44	ADR	38.8	0	-44.51	38.73	68.2	-29.47	-	-	168	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

STRADDLE CHANNEL RESULTS



RADIATED EMISSIONS

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	226671 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)	Azimuth (Degs)	Height (cm)	Polarity
2	*2.672212	60.31	PK-U	32.4	0	-49.53	43.18	-	-	74	-30.82	1	101	V
	*2.673718	48.59	ADR	32.4	0	-49.55	31.44	54	-22.56	-	-	1	101	V
1	*2.677925	60.22	PK-U	32.4	0	-49.55	43.07	-	-	74	-30.93	1	101	H
	*2.674624	48.74	ADR	32.4	0	-49.54	31.6	54	-22.4	-	-	1	101	H
4	*10.996645	55.62	PK-U	37.9	0	-44.04	49.48	-	-	74	-24.52	288	186	V
	*10.99545	44.05	ADR	37.9	0	-44.06	37.89	54	-16.11	-	-	288	186	V
3	*10.997099	55.49	PK-U	37.9	0	-44.04	49.35	-	-	74	-24.65	104	271	H
	*10.996009	44.04	ADR	37.9	0	-44.04	37.9	54	-16.1	-	-	104	271	H
5	*12.383416	54.61	PK-U	38.9	0	-43.31	50.2	-	-	74	-23.8	211	125	H
	*12.38062	43.05	ADR	38.9	0	-43.31	38.64	54	-15.36	-	-	211	125	H
6	*12.384719	56.06	PK-U	38.9	0	-43.31	51.65	-	-	74	-22.35	91	156	V
	*12.383292	43.15	ADR	38.9	0	-43.31	38.74	54	-15.26	-	-	91	156	V

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

PK-U - U-NII: Maximum Peak

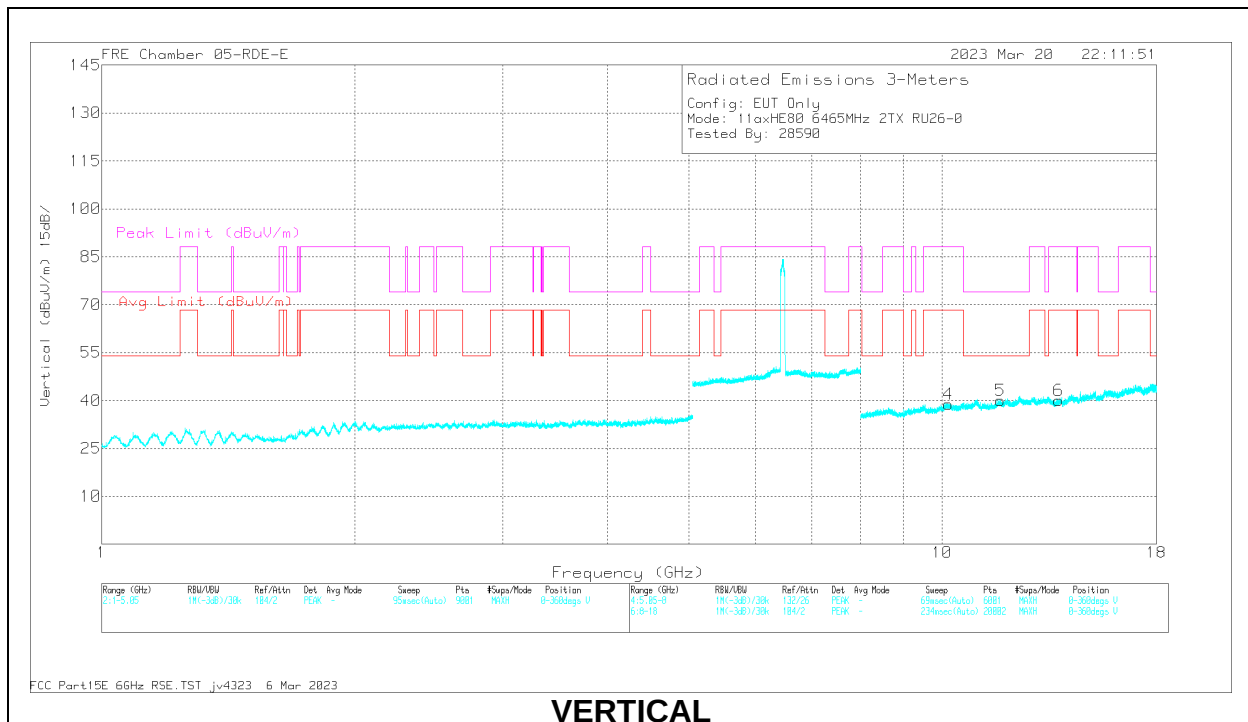
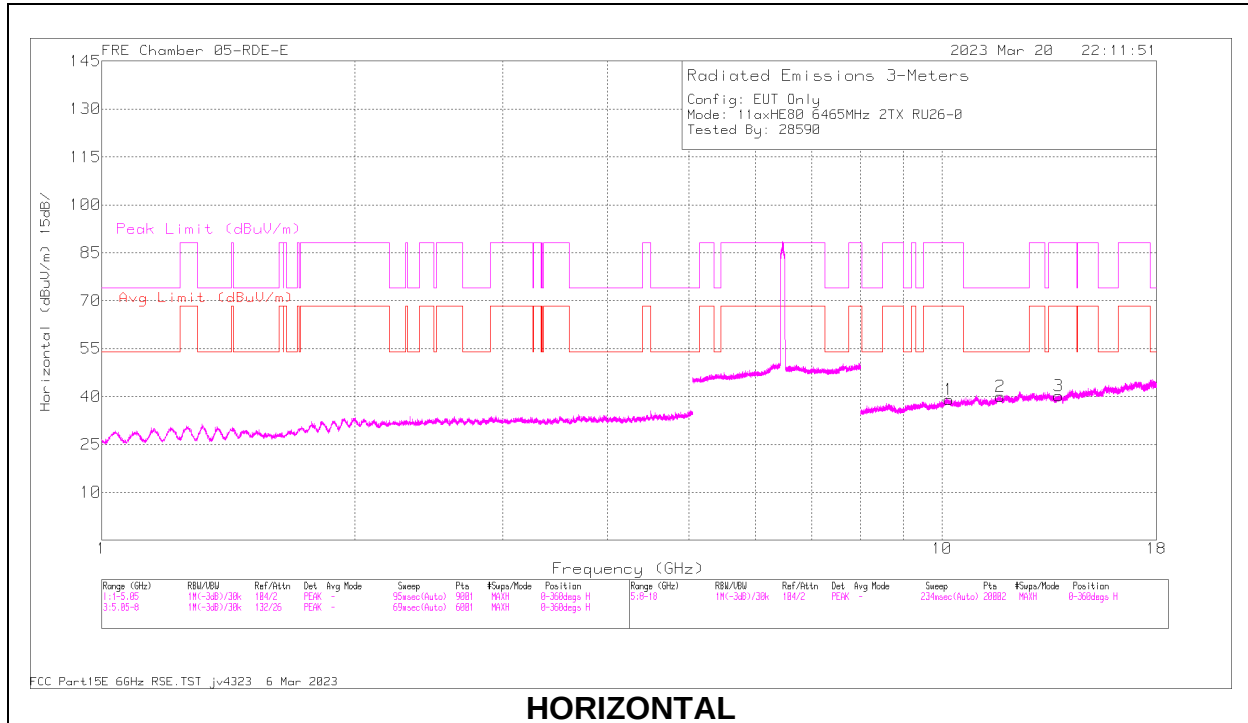
ADR - U-NII AD primary method, RMS average

1.1.7. 802.11ax HE80 MODE IN THE UNII-6 BAND

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

HARMONICS AND SPURIOUS EMISSIONS

MID CHANNEL RESULTS



RADIATED EMISSIONS

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	226671 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)	Azimuth (Degs)	Height (cm)	Polarity
2	*11.73472	55	PK-U	38.3	0	-43.41	49.89	-	-	74	-24.11	360	101	H
	*11.734505	43.58	ADR	38.3	0	-43.42	38.46	54	-15.54	-	-	360	101	H
5	*11.730895	54.87	PK-U	38.3	0	-43.42	49.75	-	-	74	-24.25	360	199	V
	*11.72986	43.44	ADR	38.3	0	-43.44	38.3	54	-15.7	-	-	360	199	V
4	10.181488	57.92	PK-U	37.4	0	-46.82	48.5	-	-	88.2	-39.7	360	101	V
	10.18366	46.36	ADR	37.4	0	-46.82	36.94	68.2	-31.26	-	-	360	101	V
1	10.192168	57.87	PK-U	37.4	0	-46.6	48.67	-	-	88.2	-39.53	360	101	H
	10.192038	46.28	ADR	37.4	0	-46.61	37.07	68.2	-31.13	-	-	360	101	H
6	13.761521	56.13	PK-U	38.6	0	-44.67	50.06	-	-	88.2	-38.14	360	101	V
	13.761434	44.26	ADR	38.6	0	-44.67	38.19	68.2	-30.01	-	-	360	101	V
3	13.767342	55.93	PK-U	38.6	0	-44.51	50.02	-	-	88.2	-38.18	360	199	H
	13.766877	44.04	ADR	38.6	0	-44.5	38.14	68.2	-30.06	-	-	360	199	H

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

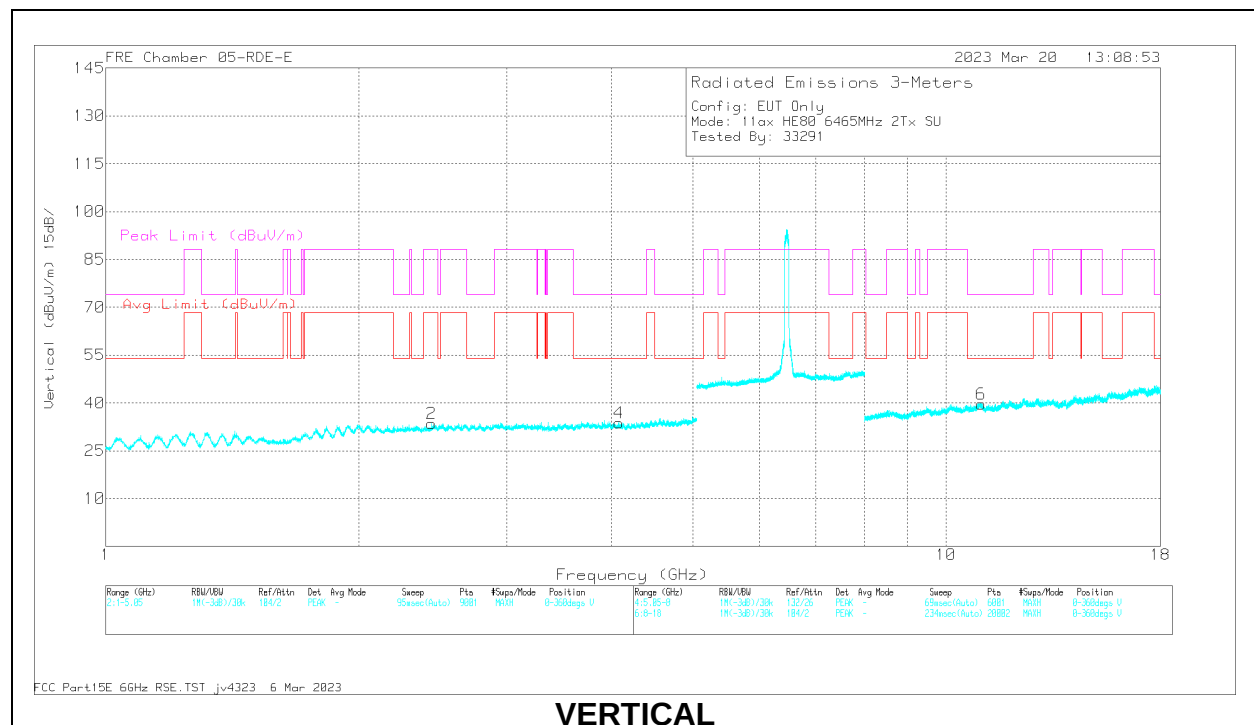
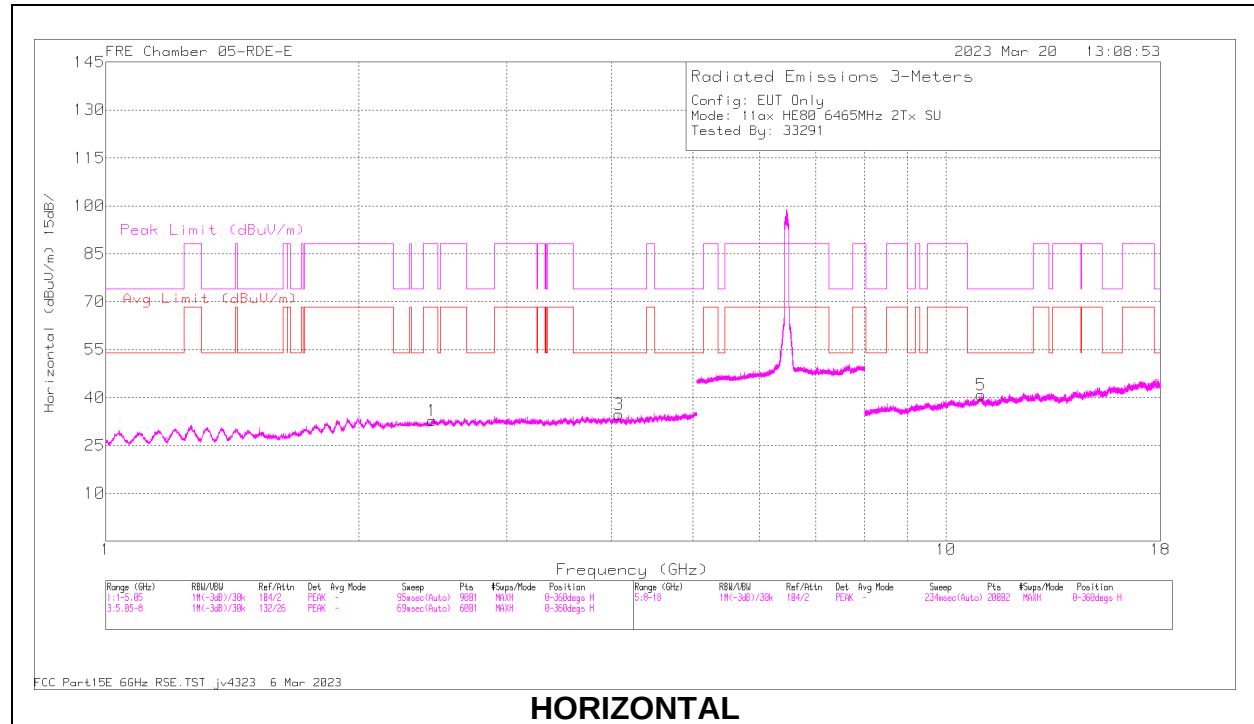
PK-U - U-NII: Maximum Peak

ADR - U-NII AD primary method, RMS average

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

HARMONICS AND SPURIOUS EMISSIONS

MID CHANNEL RESULTS



RADIATED EMISSIONS

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	226671 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)	Azimuth (Degs)	Height (cm)	Polarity
2	2.44352	61.16	PK-U	32.1	0	-50.16	43.1	-	-	88.2	-45.1	360	101	V
	2.442513	49.06	ADR	32.1	0	-50.21	30.95	68.2	-37.25	-	-	360	101	V
1	2.449664	61.23	PK-U	32.1	0	-50.16	43.17	-	-	88.2	-45.03	360	200	H
	2.448823	49.32	ADR	32.1	0	-50.17	31.25	68.2	-36.95	-	-	360	200	H
3	*4.080035	57.36	PK-U	33.4	0	-47.27	43.49	-	-	74	-30.51	360	200	H
	*4.080514	45.87	ADR	33.4	0	-47.27	32	54	-22	-	-	360	200	H
4	*4.080766	58.05	PK-U	33.4	0	-47.27	44.18	-	-	74	-29.82	360	200	V
	*4.079669	45.81	ADR	33.4	0	-47.26	31.95	54	-22.05	-	-	360	200	V
5	*11.006372	55.24	PK-U	37.9	0	-43.94	49.2	-	-	74	-24.8	360	101	H
	*11.004673	43.88	ADR	37.9	0	-43.98	37.8	54	-16.2	-	-	360	101	H
6	*11.005667	55.36	PK-U	37.9	0	-43.95	49.31	-	-	74	-24.69	360	200	V
	*11.006312	43.9	ADR	37.9	0	-43.94	37.86	54	-16.14	-	-	360	200	V

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

PK-U - U-NII: Maximum Peak

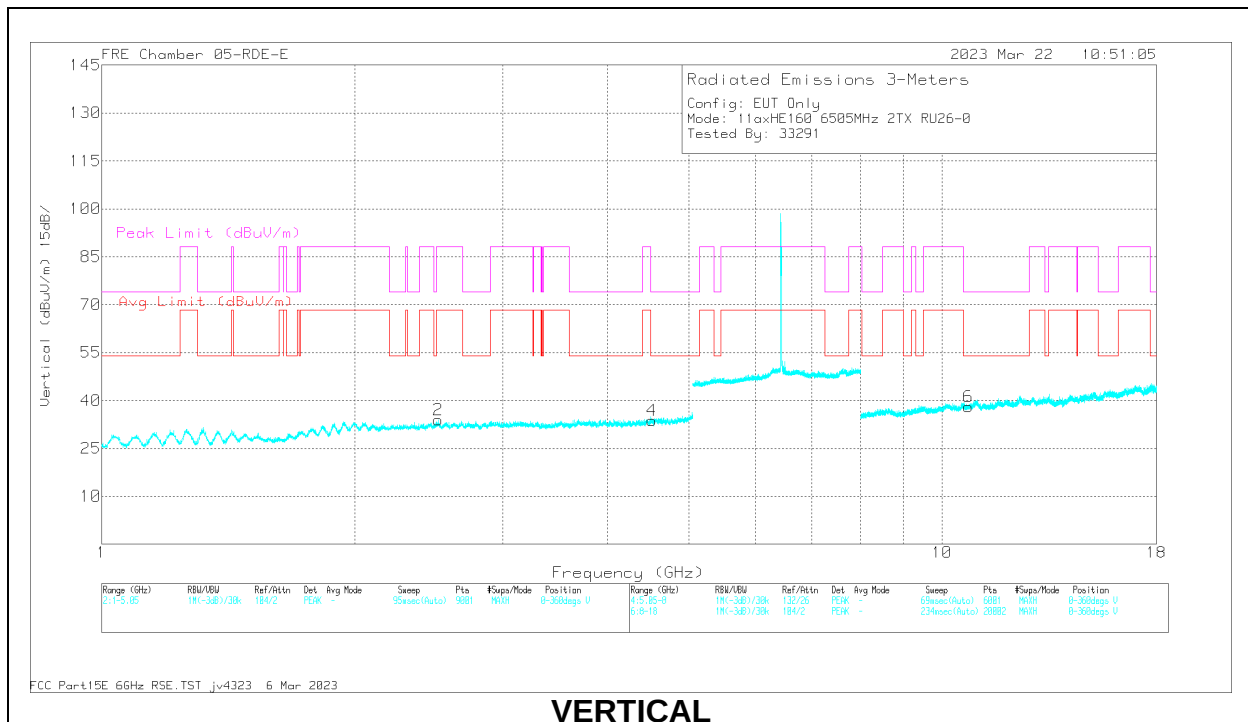
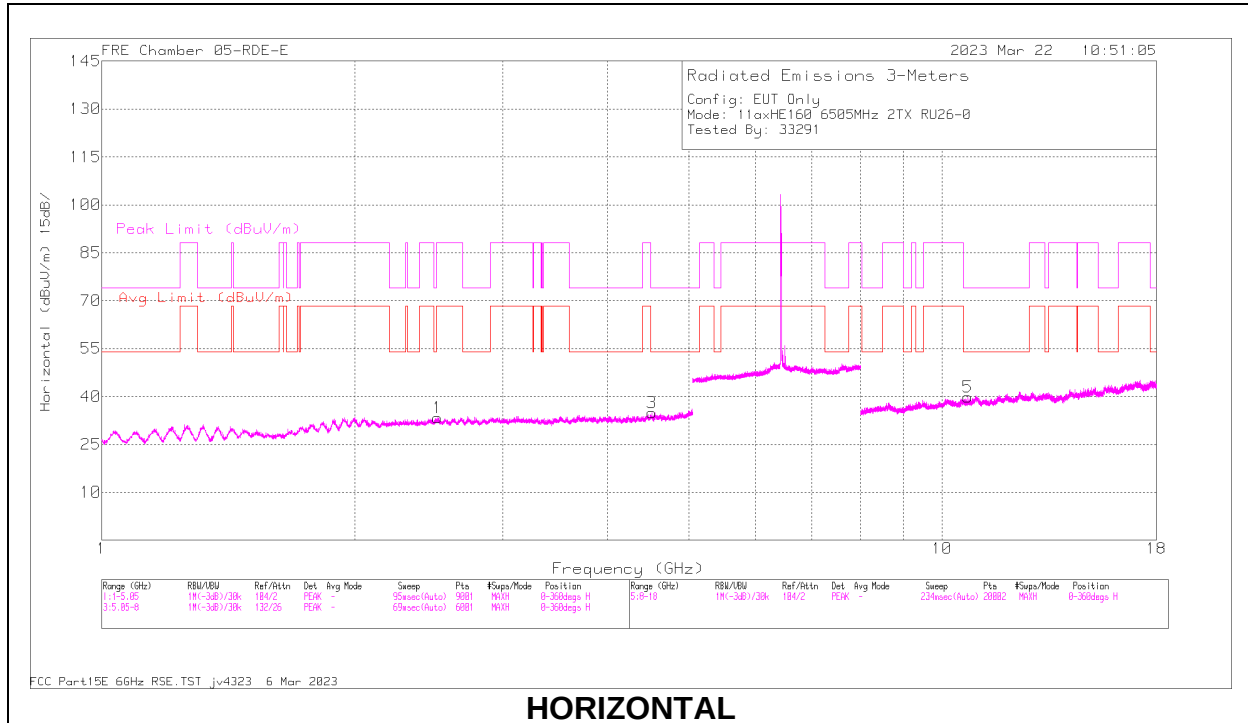
ADR - U-NII AD primary method, RMS average

1.1.8. 802.11ax HE160 MODE IN THE UNII-6 BAND

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

HARMONICS AND SPURIOUS EMISSIONS

STRADDLE CHANNEL RESULTS



RADIATED EMISSIONS

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	226671 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)	Azimuth (Degs)	Height (cm)	Polarity
1	2.510376	60.67	PK-U	32.2	0	-49.91	42.96	-	-	88.2	-45.24	1	199	H
	2.510596	49.08	ADR	32.2	0	-49.9	31.38	68.2	-36.82	-	-	1	199	H
2	2.515518	61	PK-U	32.3	0	-49.82	43.48	-	-	88.2	-44.72	0	101	V
	2.514109	49.28	ADR	32.3	0	-49.76	31.82	68.2	-36.38	-	-	0	101	V
4	*4.514653	58.61	PK-U	33.9	0	-47.96	44.55	-	-	74	-29.45	0	101	V
	*4.513206	46.45	ADR	33.9	0	-47.96	32.39	54	-21.61	-	-	0	101	V
3	*4.513675	58.17	PK-U	33.9	0	-47.96	44.11	-	-	74	-29.89	0	101	H
	*4.514434	46.56	ADR	33.9	0	-47.96	32.5	54	-21.5	-	-	0	101	H
5	*10.743046	55.4	PK-U	37.8	0	-44.81	48.39	-	-	74	-25.61	0	101	H
	*10.74013	44.15	ADR	37.8	0	-44.86	37.09	54	-16.91	-	-	0	101	H
6	*10.742765	55.77	PK-U	37.8	0	-44.81	48.76	-	-	74	-25.24	0	200	V
	*10.744223	44.02	ADR	37.8	0	-44.75	37.07	54	-16.93	-	-	0	200	V

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

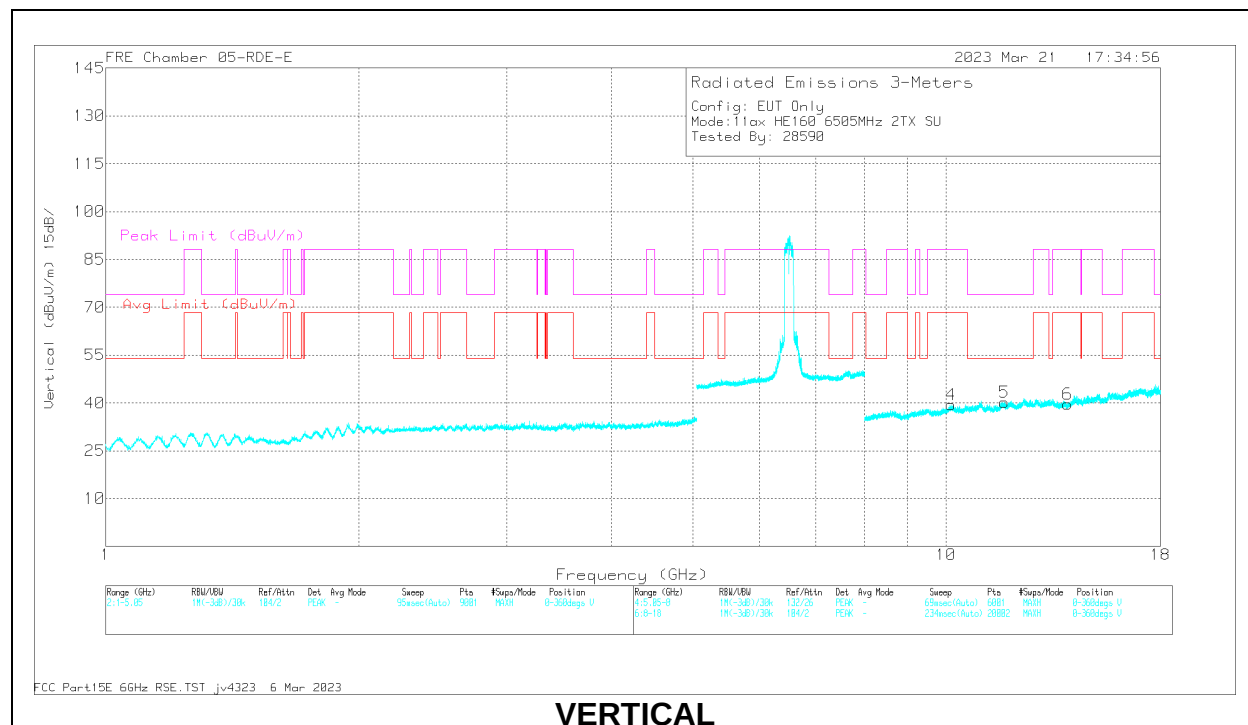
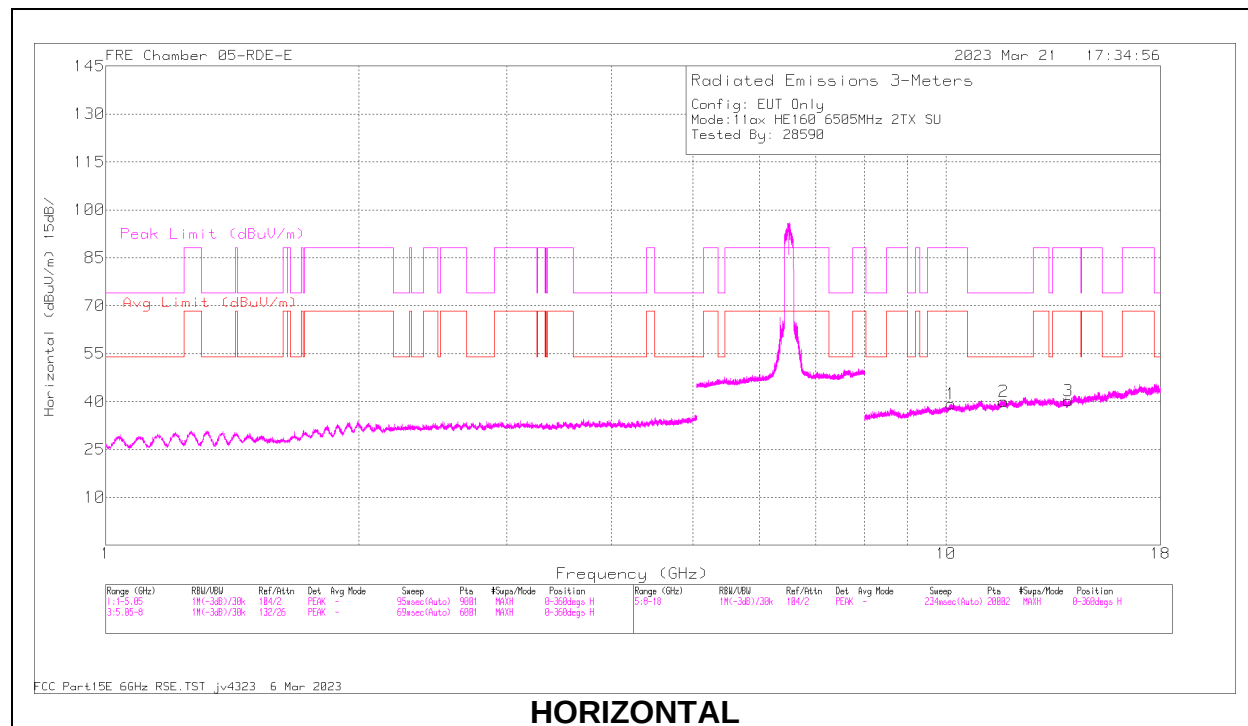
PK-U - U-NII: Maximum Peak

ADR - U-NII AD primary method, RMS average

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

HARMONICS AND SPURIOUS EMISSIONS

STRADDLE CHANNEL RESULTS



RADIATED EMISSIONS

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	226671 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)	Azimuth (Degs)	Height (cm)	Polarity
2	*11.715876	54.89	PK-U	38.3	0	-43.55	49.64	-	-	74	-24.36	0	101	H
	*11.716387	43.45	ADR	38.3	.09	-43.54	38.3	-15.7	-15.4	-	-	0	101	H
5	*11.730175	55.14	PK-U	38.3	0	-43.44	50	-	-	74	-24	0	101	V
	*11.728318	43.68	ADR	38.3	.09	-43.43	38.64	-15.36	-15.06	-	-	0	101	V
1	10.134989	58.32	PK-U	37.4	0	-46.82	48.9	-	-	88.2	-39.3	0	101	H
	10.138243	46.56	ADR	37.4	.09	-46.86	37.19	-31.01	-30.71	-	-	0	101	H
4	10.140036	58.57	PK-U	37.4	0	-46.84	49.13	-	-	88.2	-39.07	0	101	V
	10.141102	46.64	ADR	37.4	.09	-46.85	37.28	-30.92	-30.62	-	-	0	101	V
6	13.968662	56.07	PK-U	38.7	0	-44.83	49.94	-	-	88.2	-38.26	0	199	V
	13.965379	44.22	ADR	38.7	.09	-44.83	38.18	-30.02	-29.72	-	-	0	199	V
3	13.972353	55.64	PK-U	38.7	0	-44.82	49.52	-	-	88.2	-38.68	0	101	H
	13.973676	44.28	ADR	38.7	.09	-44.82	38.25	-29.95	-29.65	-	-	0	101	H

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

PK-U - U-NII: Maximum Peak

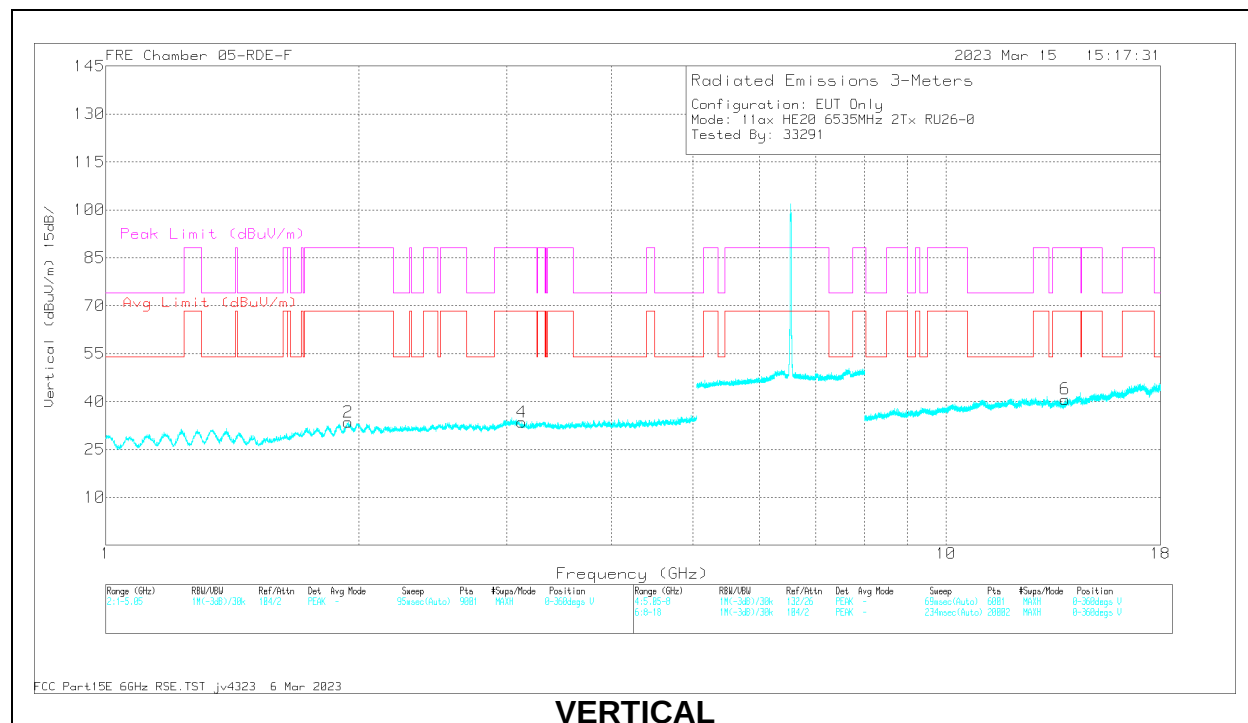
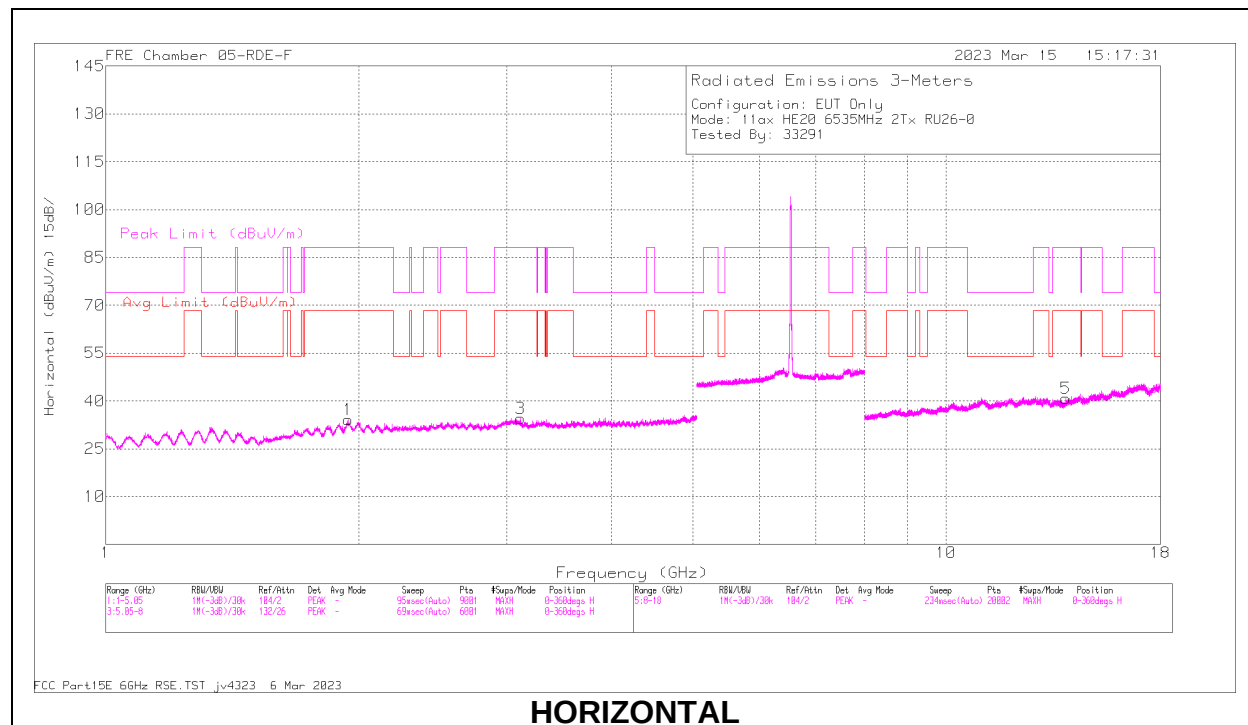
ADR - U-NII AD primary method, RMS average

1.1.9. 802.11ax HE20 MODE IN THE UNII-7 BAND

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

HARMONICS AND SPURIOUS EMISSIONS

LOW CHANNEL RESULTS



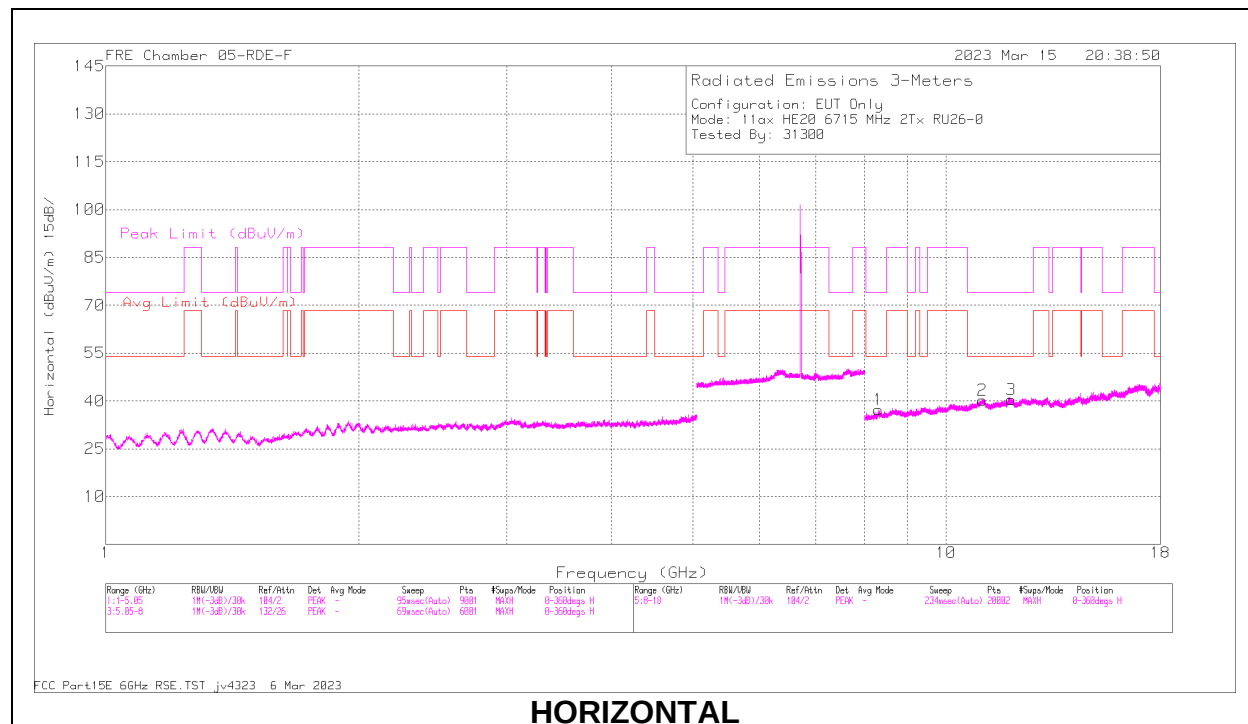
RADIATED EMISSIONS

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)	Azimuth (Degs)	Height (cm)	Polarity
1	1.94219	62.52	PK-U	31.5	0	-50.51	43.51	-	-	88.2	-44.69	333	382	H
	1.941518	51.04	ADR	31.5	0	-50.53	32.01	68.2	-36.19	-	-	333	382	H
2	1.942896	62.33	PK-U	31.5	0	-50.46	43.37	-	-	88.2	-44.83	19	364	V
	1.941017	50.9	ADR	31.5	0	-50.55	31.85	68.2	-36.35	-	-	19	364	V
3	3.115716	58.18	PK-U	33.3	0	-47.94	43.54	-	-	88.2	-44.66	311	294	H
	3.113642	46.34	ADR	33.3	0	-47.91	31.73	68.2	-36.47	-	-	311	294	H
4	3.127462	58.23	PK-U	33	0	-47.87	43.36	-	-	88.2	-44.84	345	393	V
	3.127452	46.26	ADR	33	0	-47.87	31.39	68.2	-36.81	-	-	345	393	V
6	13.853487	55.78	PK-U	38.5	0	-44.84	49.44	-	-	88.2	-38.76	321	314	V
	13.851654	43.57	ADR	38.5	0	-44.84	37.23	68.2	-30.97	-	-	321	314	V
5	13.893635	55.39	PK-U	38.6	0	-44.68	49.31	-	-	88.2	-38.89	136	321	H
	13.892197	43.6	ADR	38.6	0	-44.69	37.51	68.2	-30.69	-	-	136	321	H

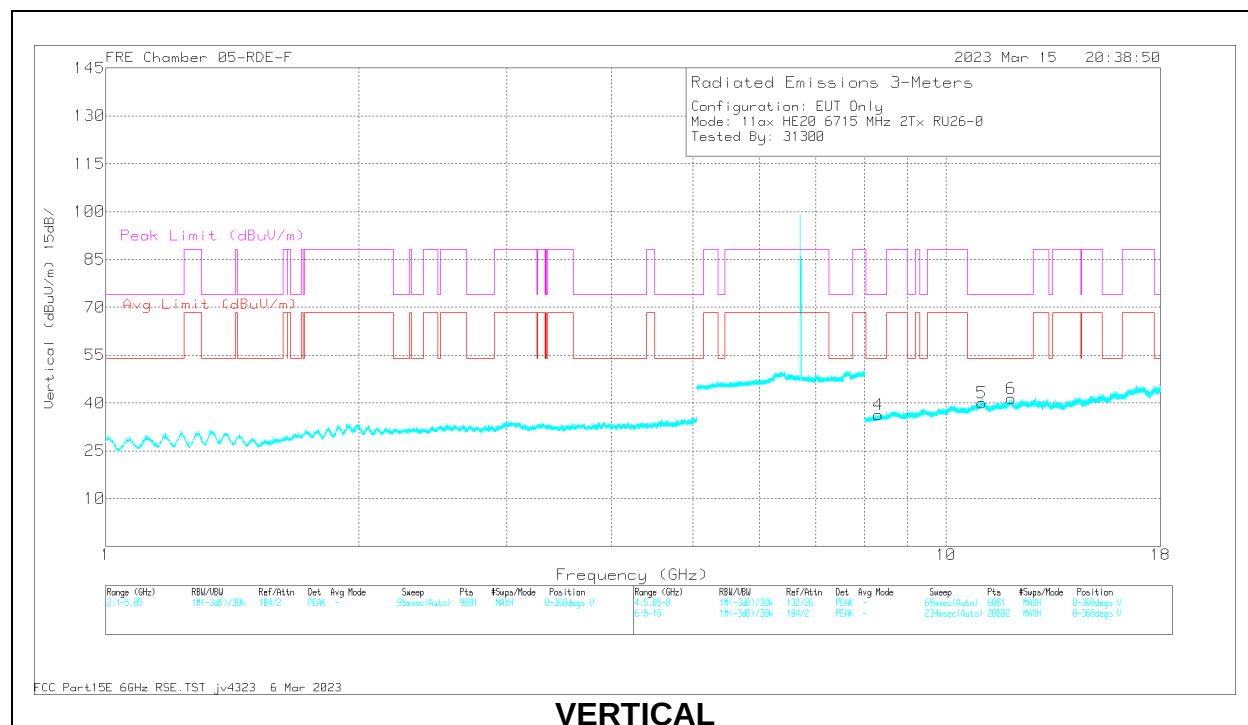
PK-U - U-NII: Maximum Peak

ADR - U-NII AD primary method, RMS average

MID CHANNEL RESULTS



HORIZONTAL



VERTICAL

RADIATED EMISSIONS

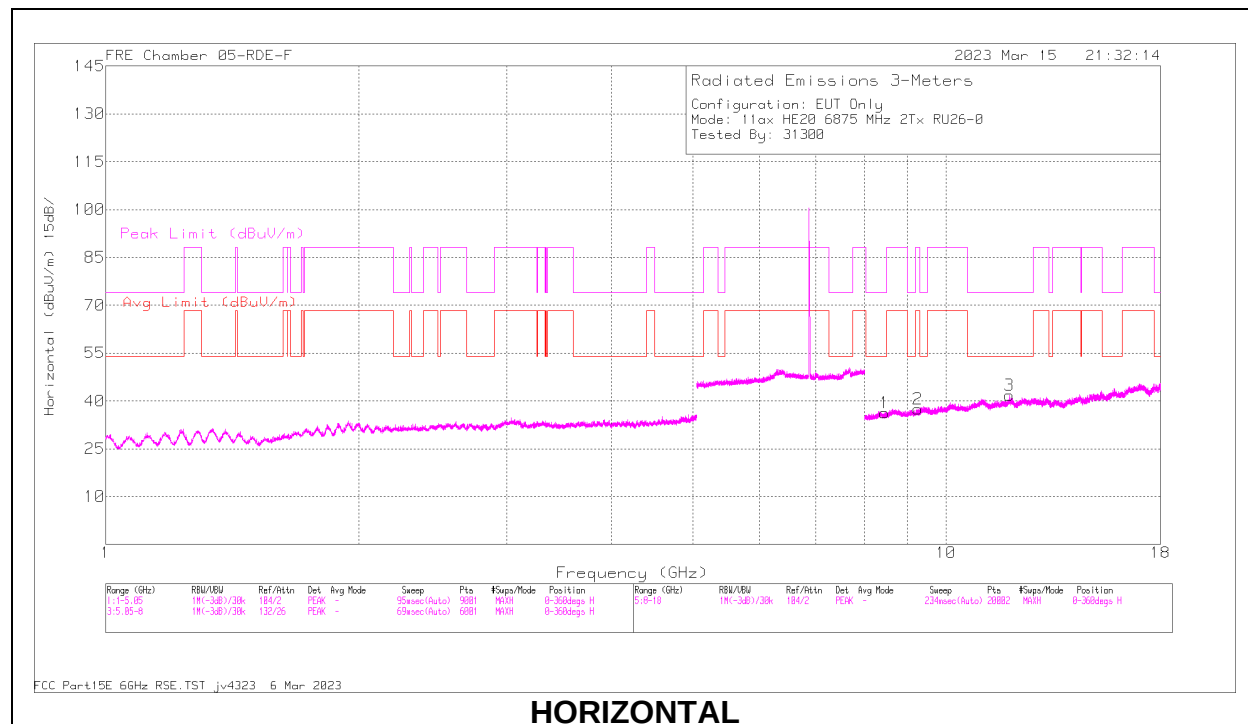
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	222740 ACF(dB) - 3mH	DCCF (dB)	Gain/Loss (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	*8.302261	55.82	PK-U	35.7	0	-45.16	46.36	-	-	74	-27.64	198	127	H
	*8.305653	44.15	ADR	35.7	0	-45.15	34.7	54	-19.3	-	-	198	127	H
4	*8.316087	56.19	PK-U	35.7	0	-45.3	46.59	-	-	74	-27.41	36	182	V
	*8.314756	44.21	ADR	35.7	0	-45.26	34.65	54	-19.35	-	-	36	182	V
5	*11.0321	56.68	PK-U	37.7	0	-44.82	49.56	-	-	74	-24.44	109	116	V
	*11.030139	44.78	ADR	37.7	0	-44.82	37.66	54	-16.34	-	-	109	116	V
2	*11.046632	56.04	PK-U	37.7	0	-44.45	49.29	-	-	74	-24.71	266	162	H
	*11.0458	44.59	ADR	37.7	0	-44.5	37.79	54	-16.21	-	-	266	162	H
6	*11.957437	54.7	PK-U	38.6	0	-43.98	49.32	-	-	74	-24.68	285	193	V
	*11.959182	42.81	ADR	38.6	0	-43.96	37.45	54	-16.55	-	-	285	193	V
3	*11.971075	54.21	PK-U	38.6	0	-43.75	49.06	-	-	74	-24.94	147	223	H
	*11.969505	42.85	ADR	38.6	0	-43.77	37.68	54	-16.32	-	-	147	223	H

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

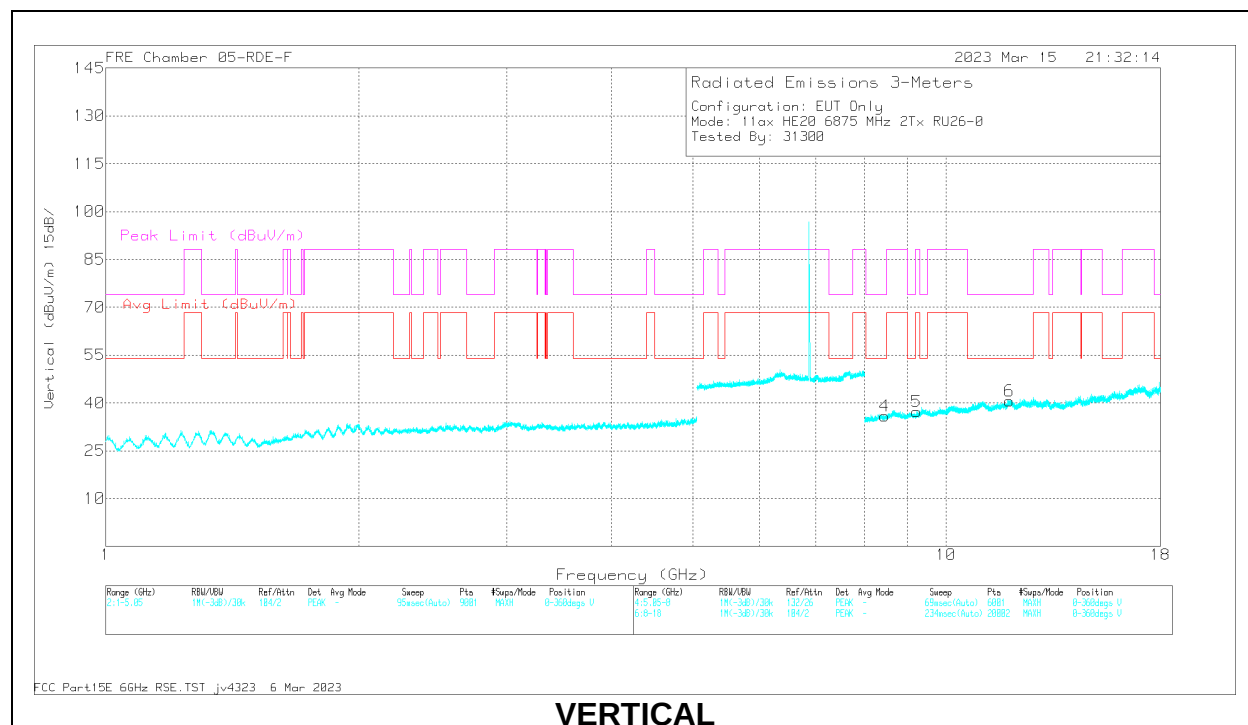
PK-U - U-NII: Maximum Peak

ADR - U-NII AD primary method, RMS average

STRADDLE 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)	Azimuth (Degs)	Height (cm)	Polarity
1	*8.450086	55.27	PK-U	35.6	0	-45.34	45.53	-	-	74	-28.47	321	107	H
	*8.452779	44.07	ADR	35.6	0	-45.32	34.35	54	-19.65	-	-	321	107	H
3	*8.458798	56.07	PK-U	35.6	0	-45.31	46.36	-	-	74	-27.64	307	167	V
	*8.46101	44.18	ADR	35.6	0	-45.32	34.46	54	-19.54	-	-	307	167	V
5	9.223322	55.87	PK-U	36.2	0	-45.63	46.44	-	-	88.2	-41.76	263	187	V
	9.223221	44.21	ADR	36.2	0	-45.64	34.77	68.2	-33.43	-	-	263	187	V
2	9.250184	55.85	PK-U	36.2	0	-45.61	46.44	-	-	88.2	-41.76	301	136	H
	9.250066	44.02	ADR	36.2	0	-45.62	34.6	68.2	-33.6	-	-	301	136	H
3	*11.893119	54.1	PK-U	38.5	0	-44.17	48.43	-	-	74	-25.57	283	156	H
	*11.891001	42.99	ADR	38.5	0	-44.18	37.31	54	-16.69	-	-	283	156	H
6	*11.897666	54.18	PK-U	38.5	0	-44.03	48.65	-	-	74	-25.35	298	161	V
	*11.898524	42.74	ADR	38.5	0	-44	37.24	54	-16.76	-	-	298	161	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