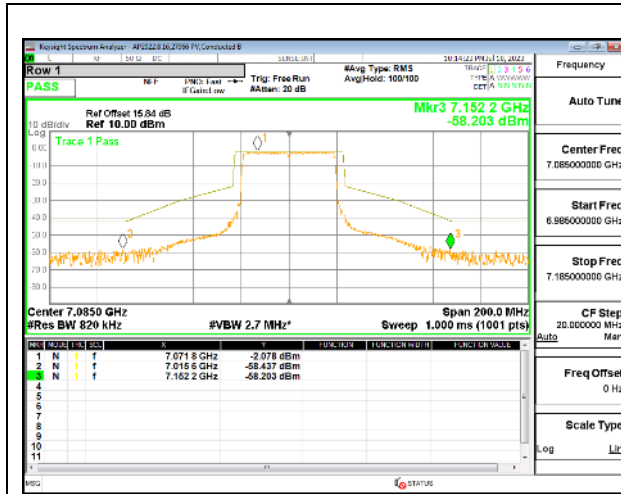
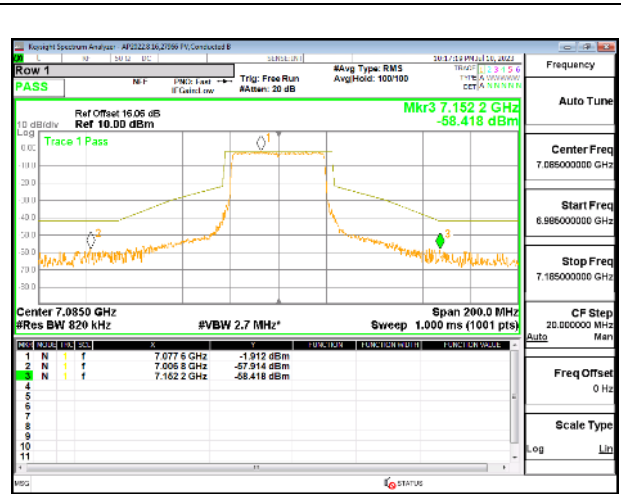


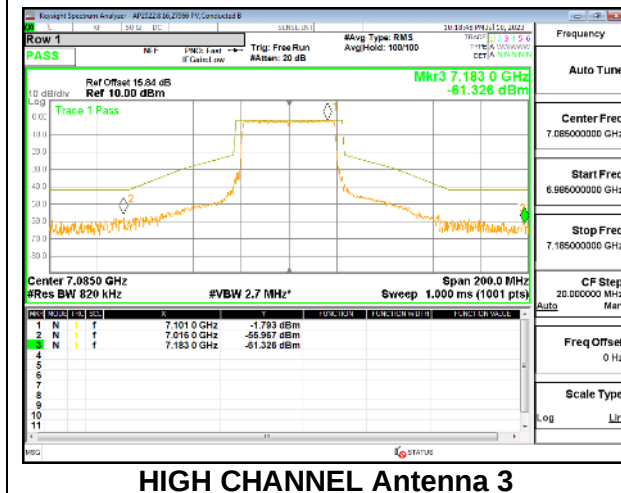
HIGH CHANNEL



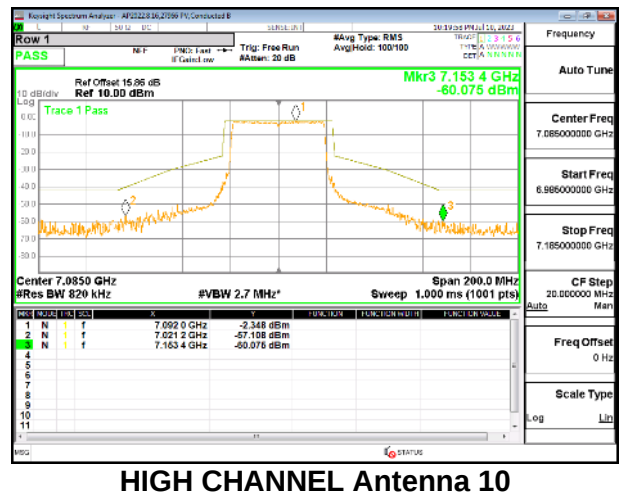
HIGH CHANNEL Antenna 5



HIGH CHANNEL Antenna 8



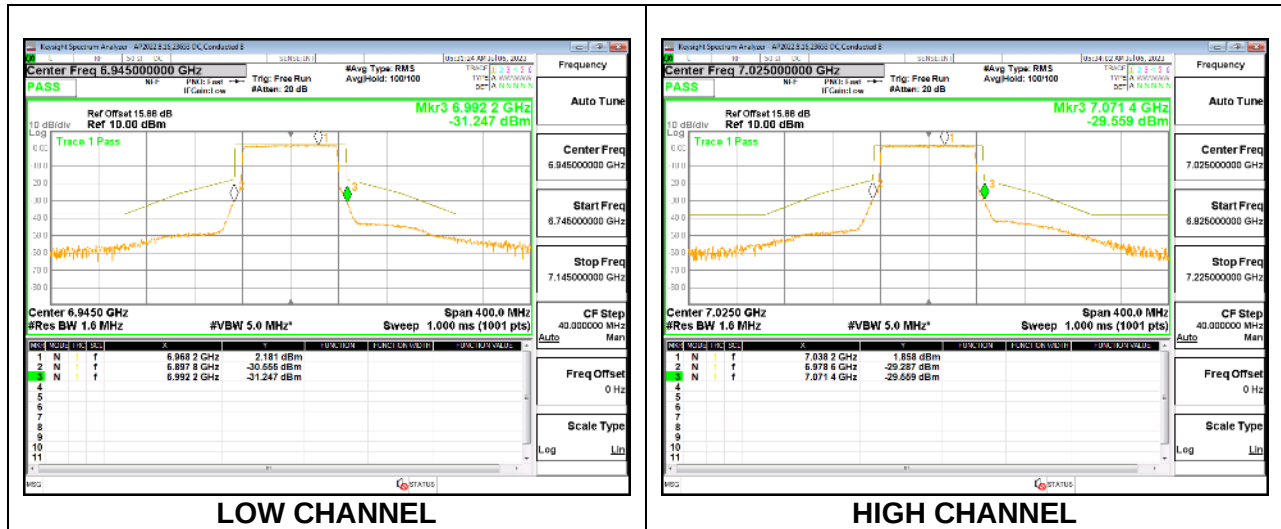
HIGH CHANNEL Antenna 3



HIGH CHANNEL Antenna 10

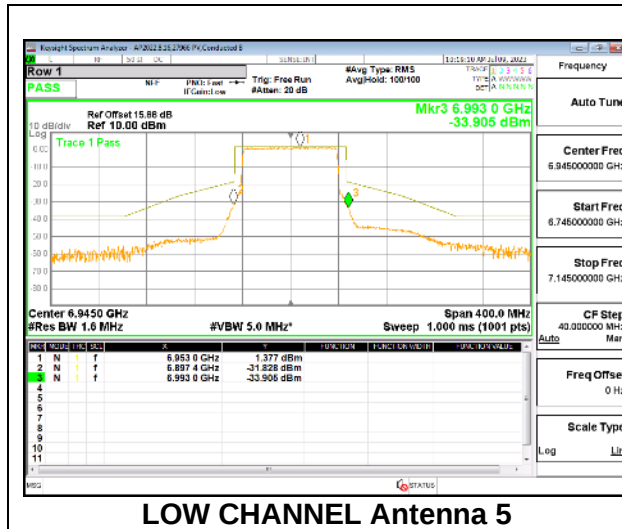
9.5.32. 802.11ax HE80 MODE IN THE UNII-8 BAND

1TX Antenna 5 OFDMA MODE: 996-Tones, RU Index 67



2TX Antenna 5 + Antenna 8 CDD OFDMA MODE: 996-Tones, RU Index 67

LOW CHANNEL

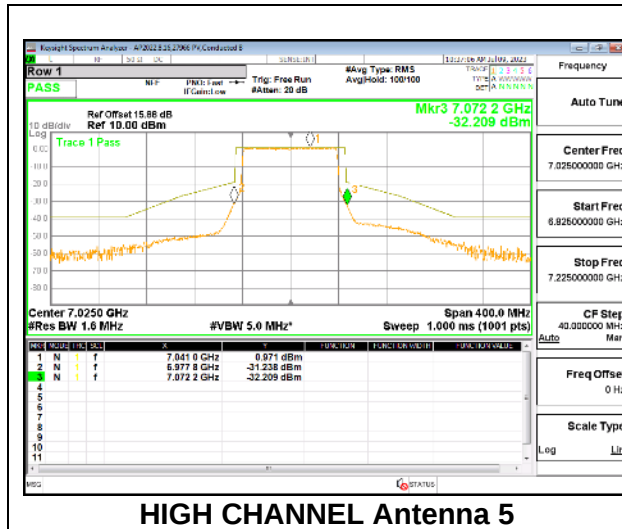


LOW CHANNEL Antenna 5



LOW CHANNEL Antenna 8

HIGH CHANNEL



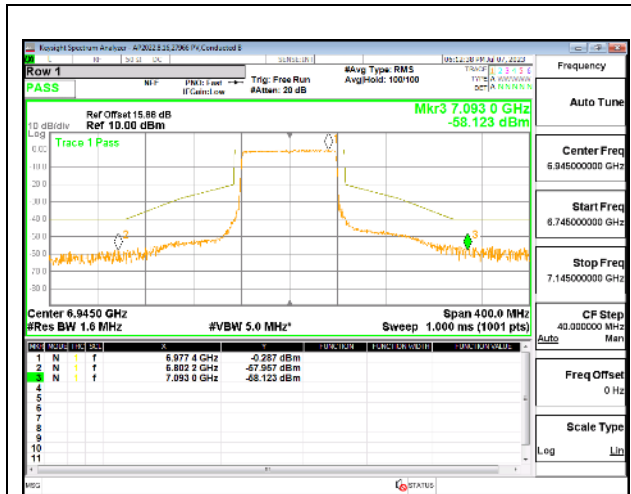
HIGH CHANNEL Antenna 5



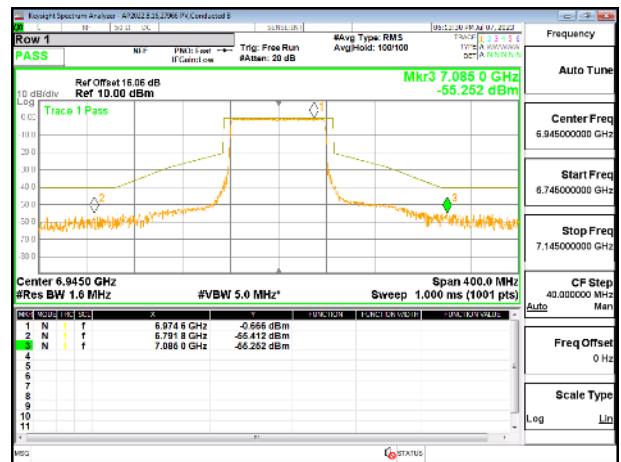
HIGH CHANNEL Antenna 8

4TX Antenna 5 + Antenna 8 + Antenna 3+ Antenna 10 CDD OFDMA MODE: 996-Tones, RU Index 67

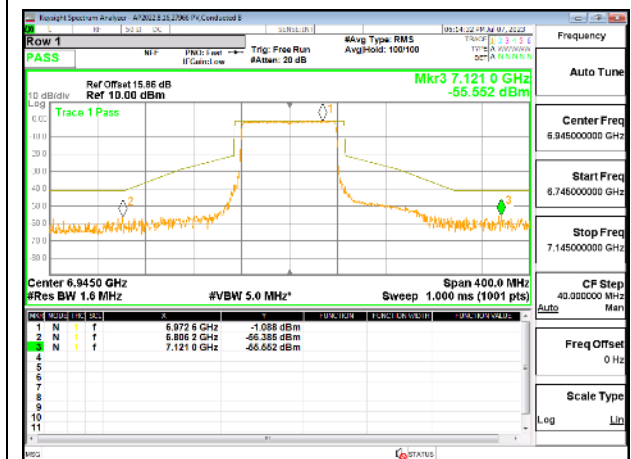
LOW CHANNEL



LOW CHANNEL Antenna 5



LOW CHANNEL Antenna 8

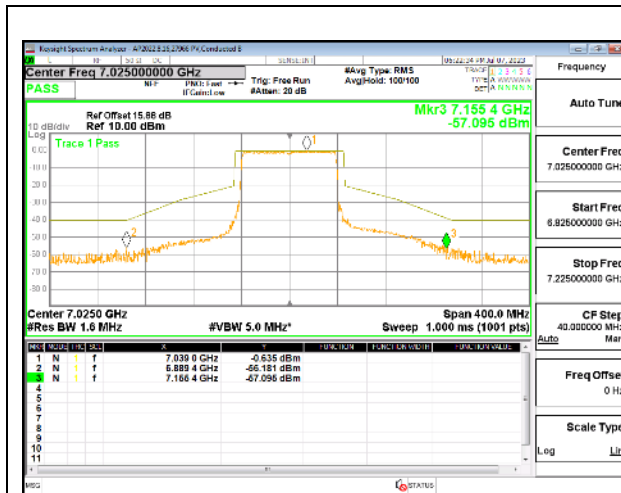


LOW CHANNEL Antenna 3

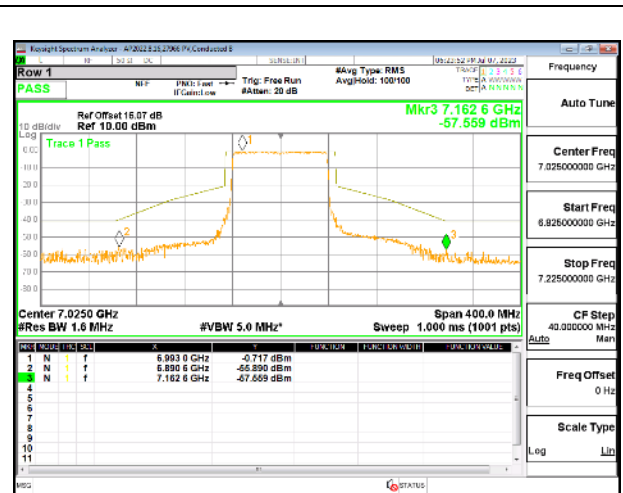


LOW CHANNEL Antenna 10

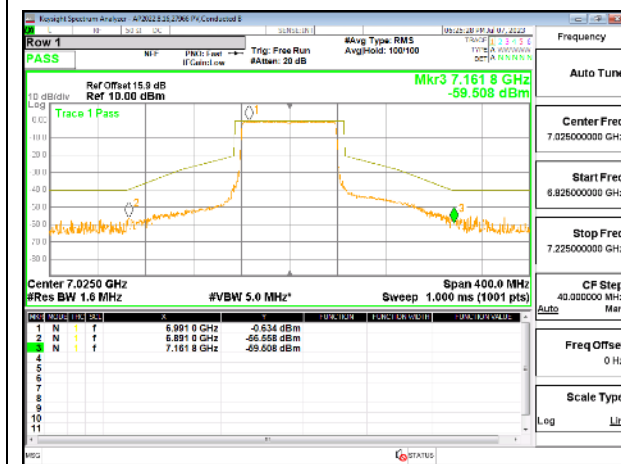
HIGH CHANNEL



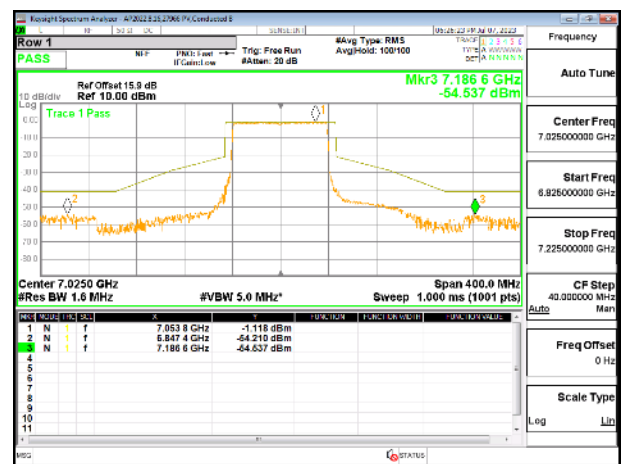
HIGH CHANNEL Antenna 5



HIGH CHANNEL Antenna 8



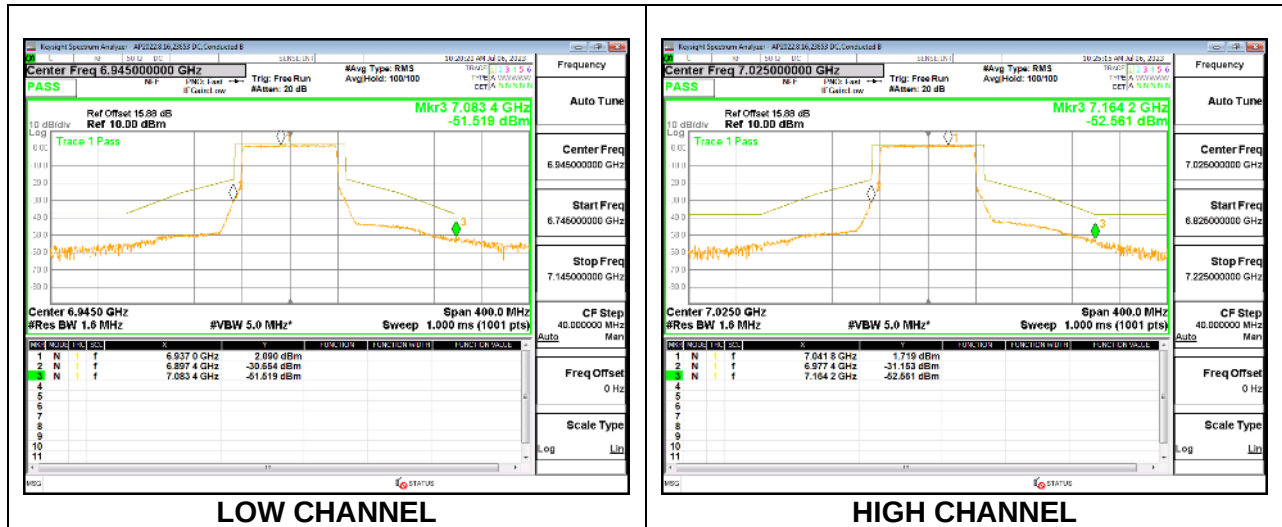
HIGH CHANNEL Antenna 3



HIGH CHANNEL Antenna 10

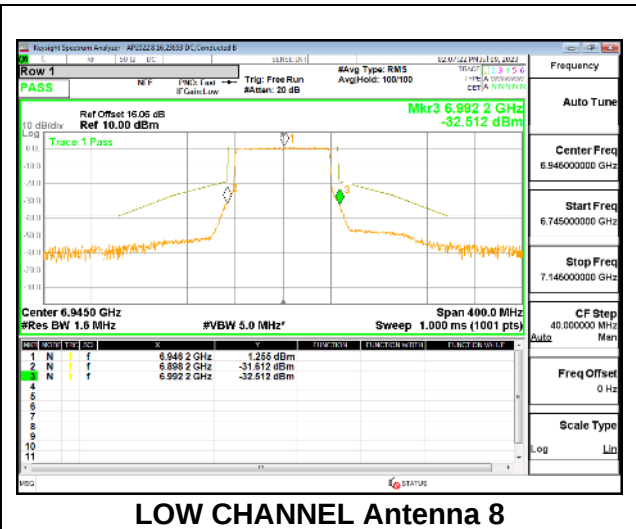
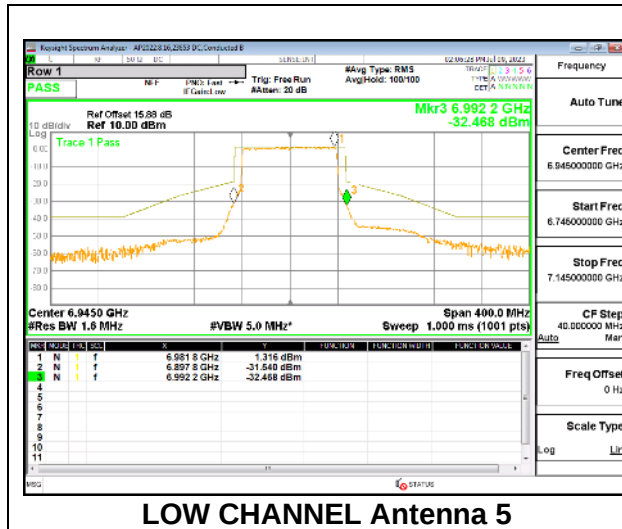
9.5.33. 802.11be EHT80 MODE IN THE UNII-8 BAND

1TX Antenna 5 OFDMA MODE: 996-Tones, RU Index 67

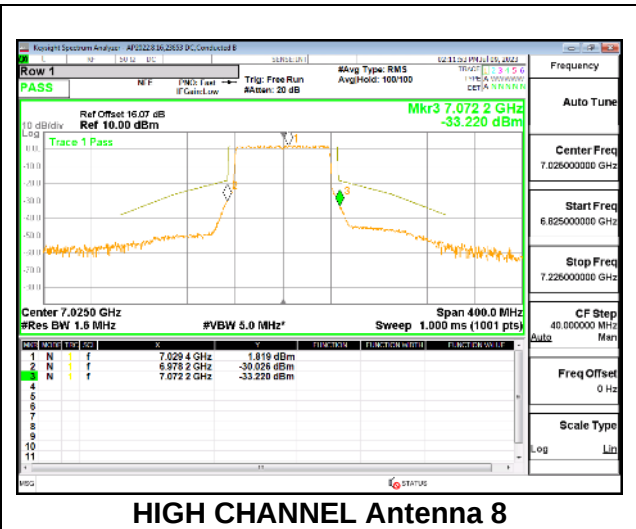
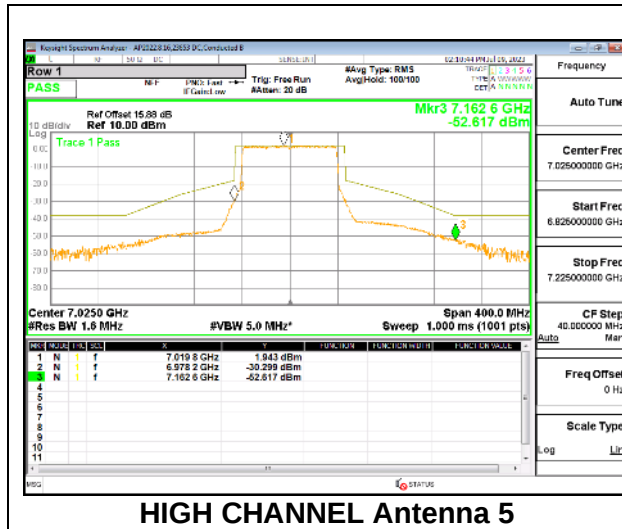


2TX Antenna 5 + Antenna 8 CDD OFDMA MODE: 996-Tones, RU Index 67

LOW CHANNEL

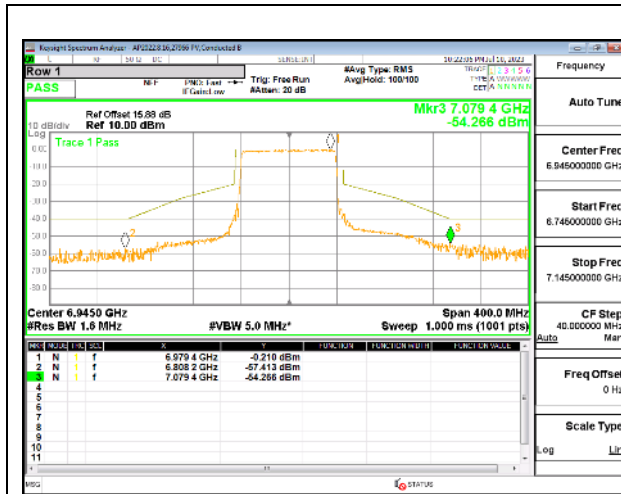


HIGH CHANNEL

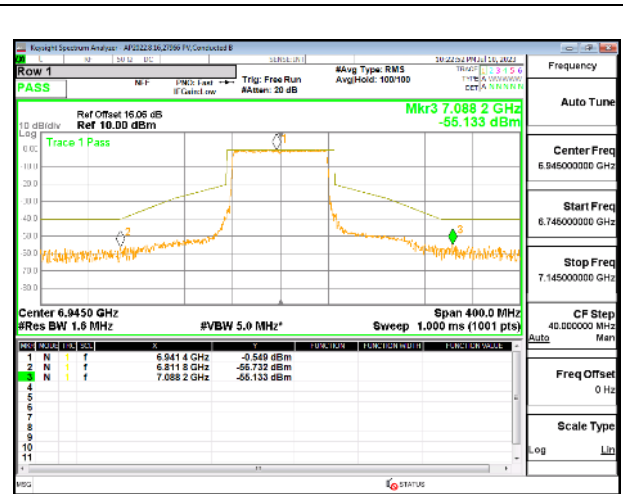


4TX Antenna 5 + Antenna 8 + Antenna 3+ Antenna 10 CDD OFDMA MODE: 996-Tones, RU Index 67

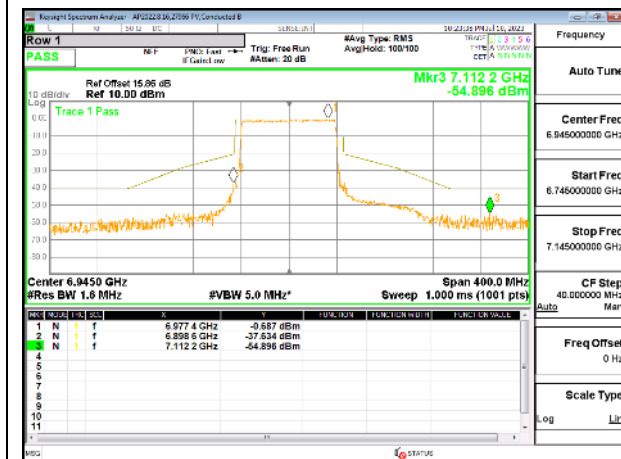
LOW CHANNEL



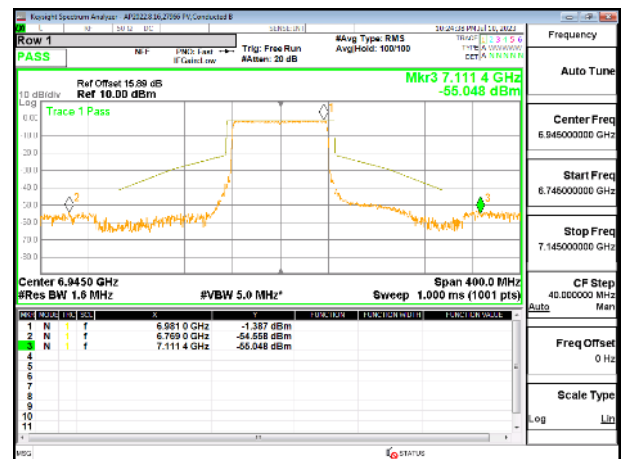
LOW CHANNEL Antenna 5



LOW CHANNEL Antenna 8

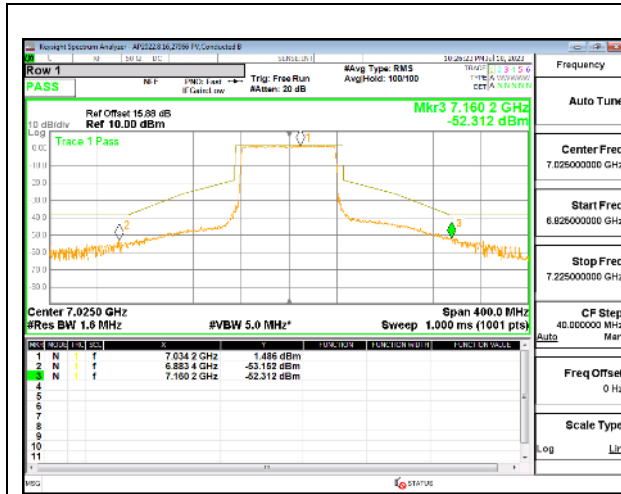


LOW CHANNEL Antenna 3



LOW CHANNEL Antenna 10

HIGH CHANNEL



HIGH CHANNEL Antenna 5



HIGH CHANNEL Antenna 8



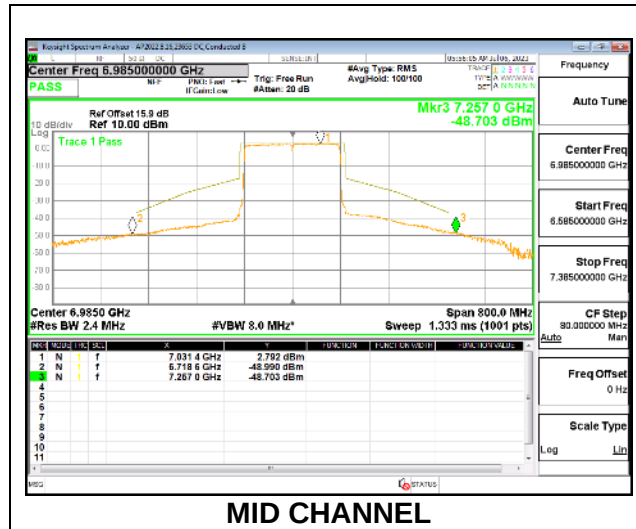
HIGH CHANNEL Antenna 3



HIGH CHANNEL Antenna 10

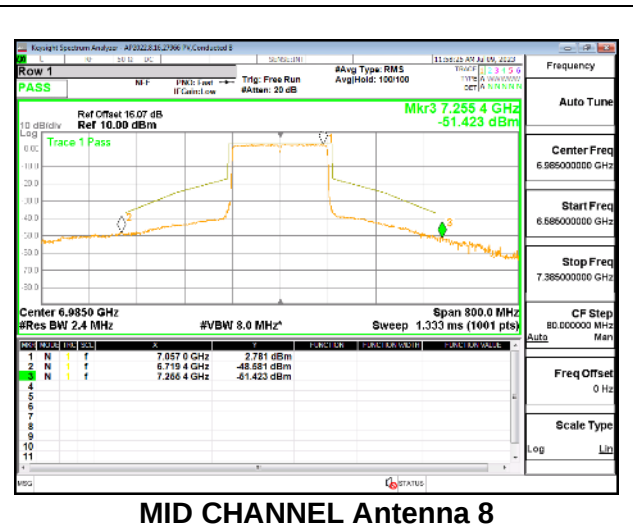
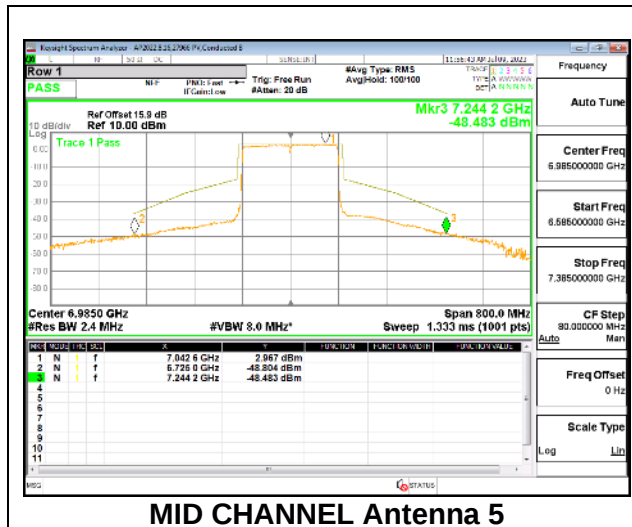
9.5.34. 802.11ax HE160 MODE IN THE UNII-8 BAND

1TX Antenna 5 OFDMA MODE: 2x 996-Tones, Index S68



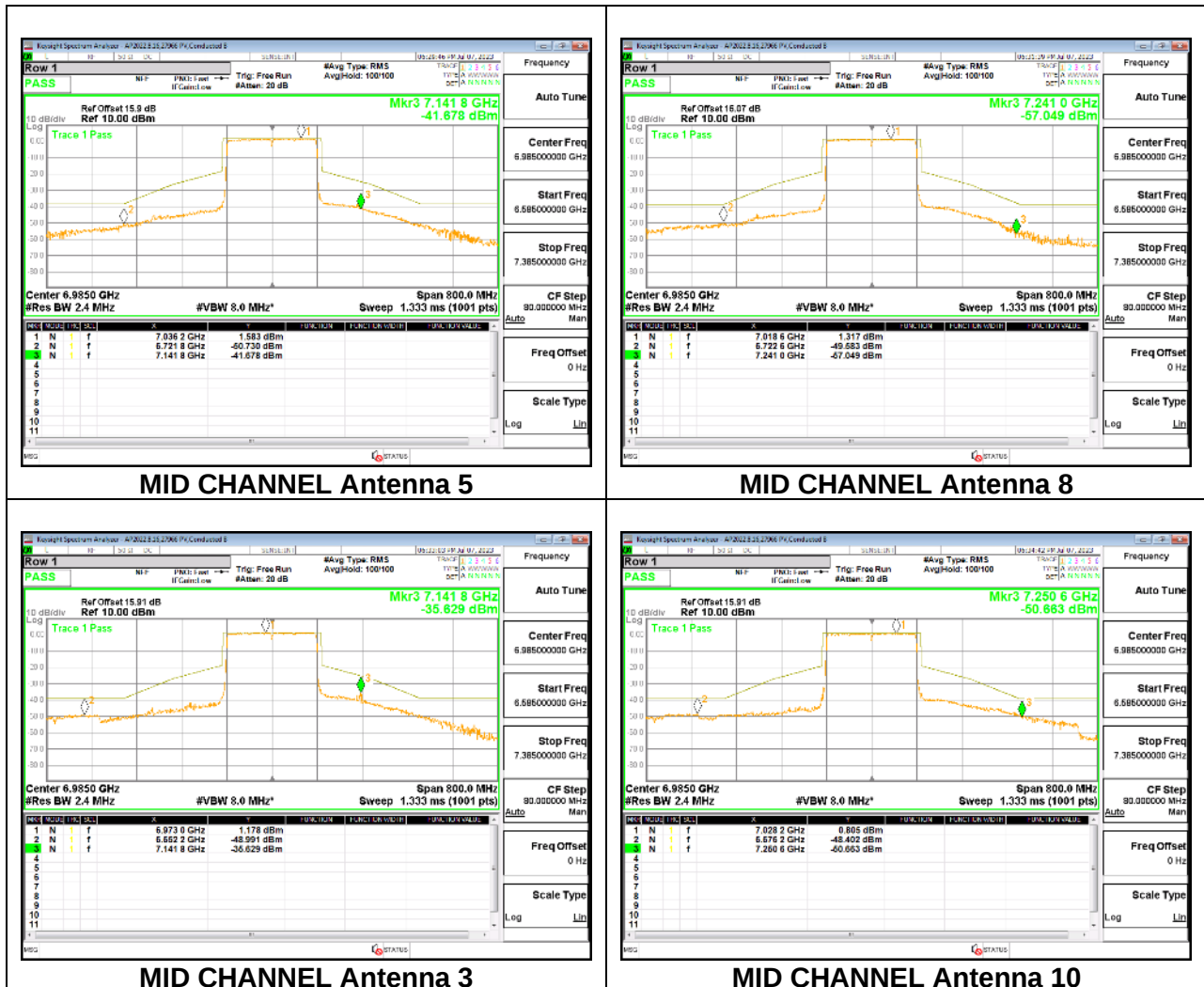
2TX Antenna 5 + Antenna 8 CDD OFDMA MODE: 2x 996-Tones, Index S68

MID CHANNEL



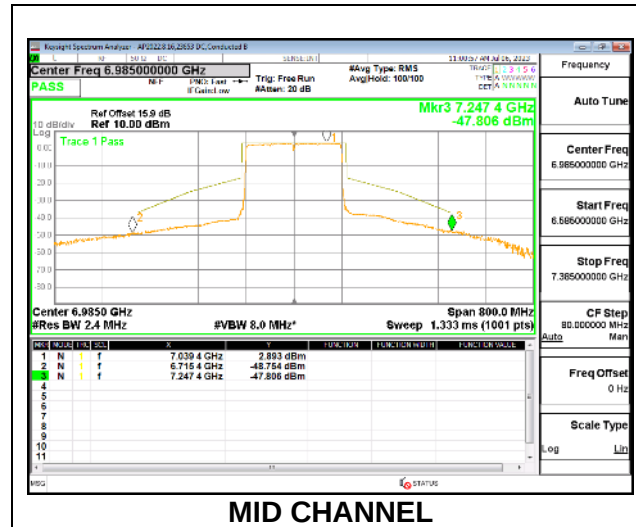
4TX Antenna 5 + Antenna 8 + Antenna 3+ Antenna 10 CDD OFDMA MODE: 2x 996-Tones, Index S68

MID CHANNEL



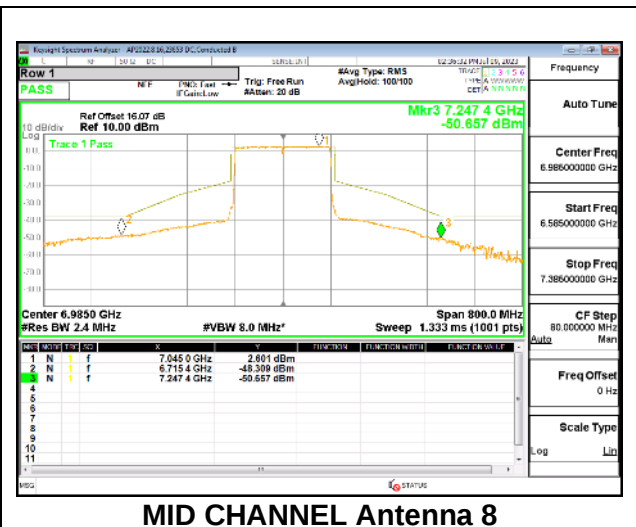
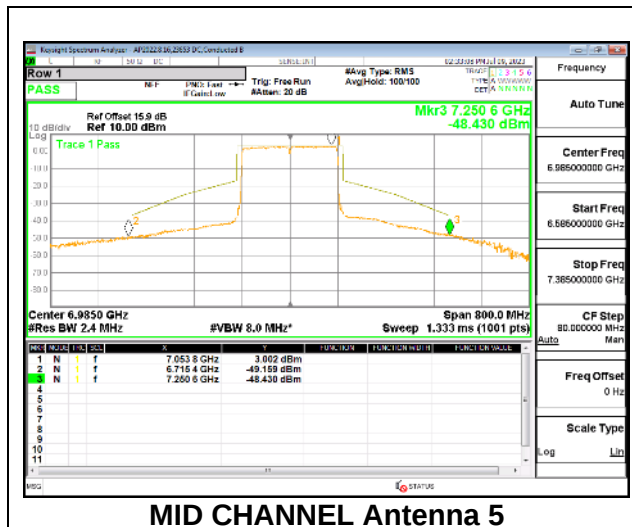
9.5.35. 802.11be EHT160 MODE IN THE UNII-8 BAND

1TX Antenna 5 OFDMA MODE: 2x 996-Tones, Index S68



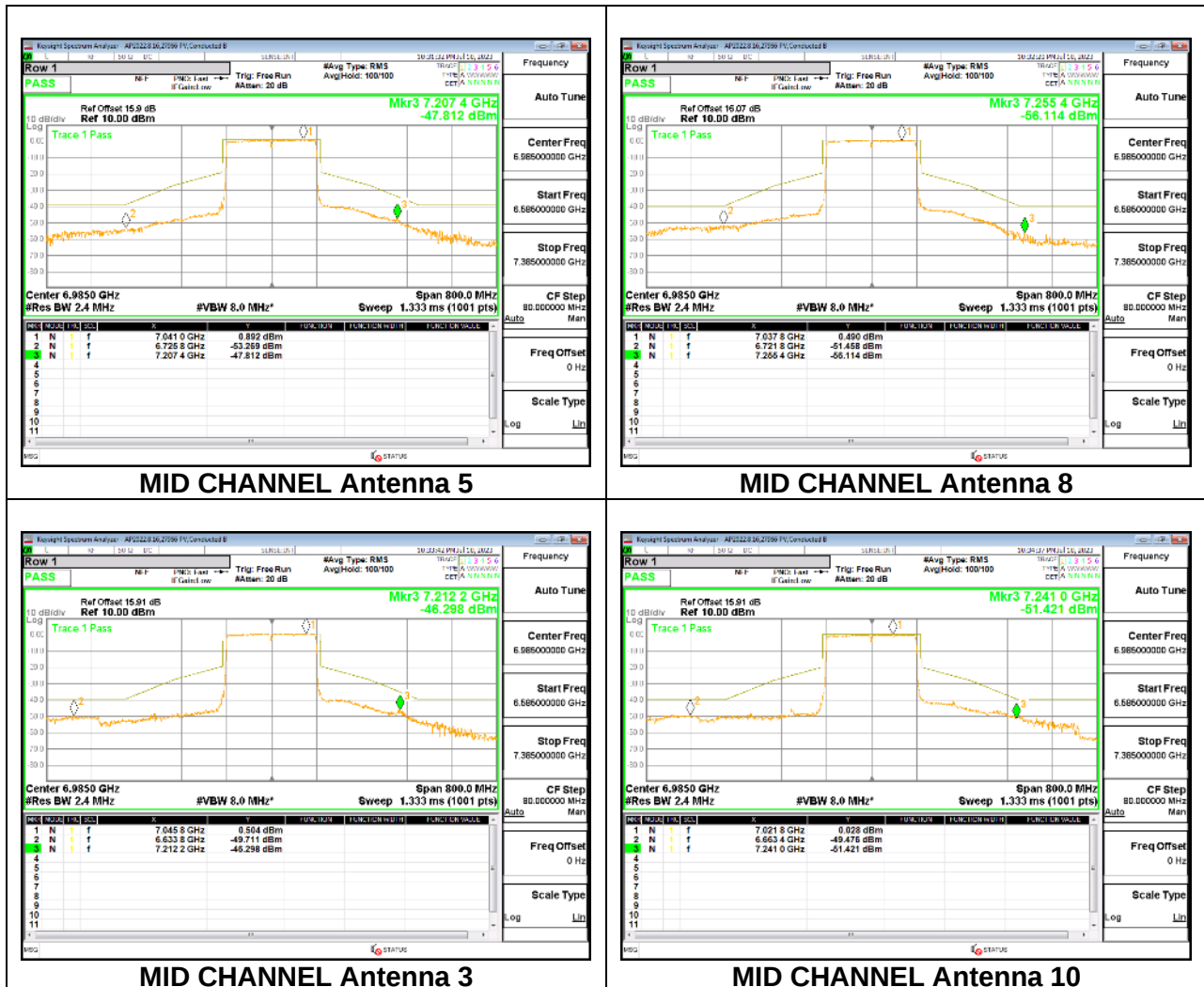
2TX Antenna 5 + Antenna 8 CDD OFDMA MODE: 2x 996-Tones, Index S68

MID CHANNEL



4TX Antenna 5 + Antenna 8 + Antenna 3+ Antenna 10 CDD OFDMA MODE: 2x 996-Tones, Index S68

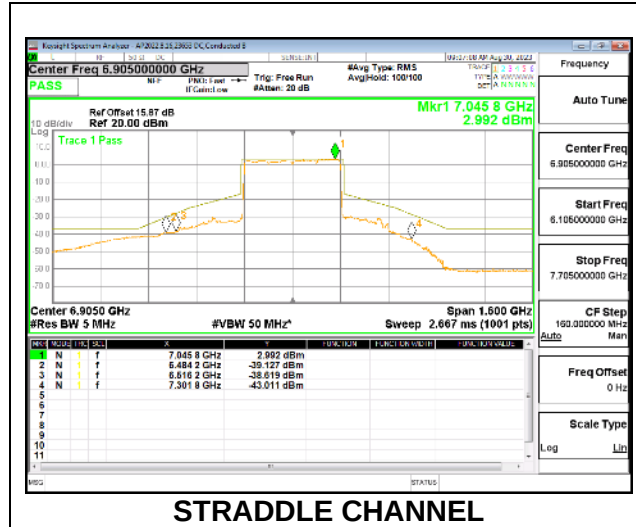
MID CHANNEL



9.5.36. 802.11be EHT320 MODE IN THE UNII-8 BAND

1TX Antenna 5 OFDMA MODE: 4x 996-Tones, Index S69

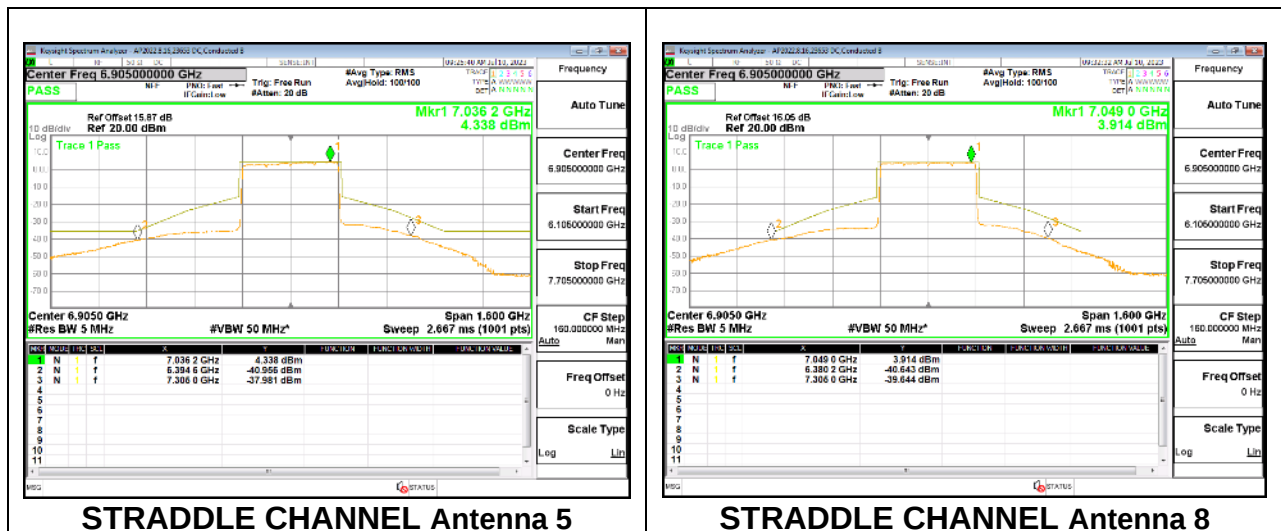
STRADDLE CHANNEL



STRADDLE CHANNEL

2TX Antenna 5 + Antenna 8 CDD OFDMA MODE: 4x 996-Tones, Index S69

STRADDLE CHANNEL

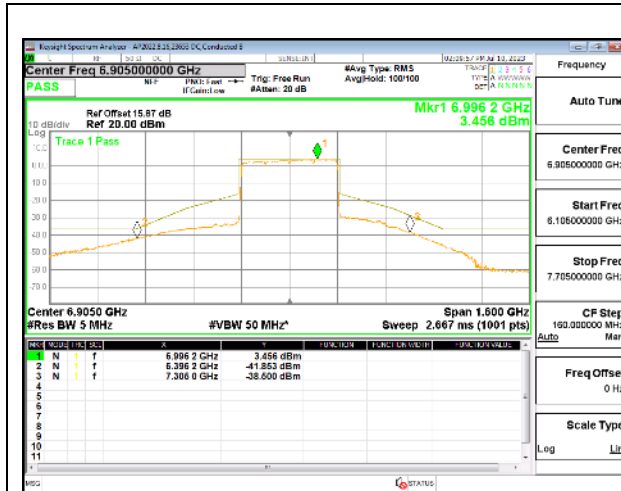


STRADDLE CHANNEL Antenna 5

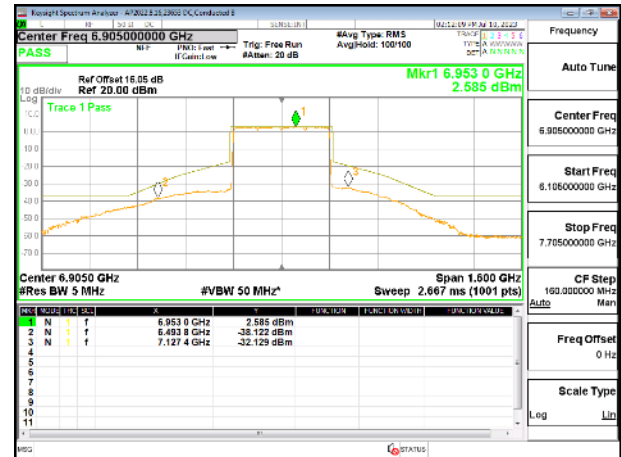
STRADDLE CHANNEL Antenna 8

4TX Antenna 5 + Antenna 8 + Antenna 3+ Antenna 10 CDD OFDMA MODE: 4x 996-Tones, Index S69

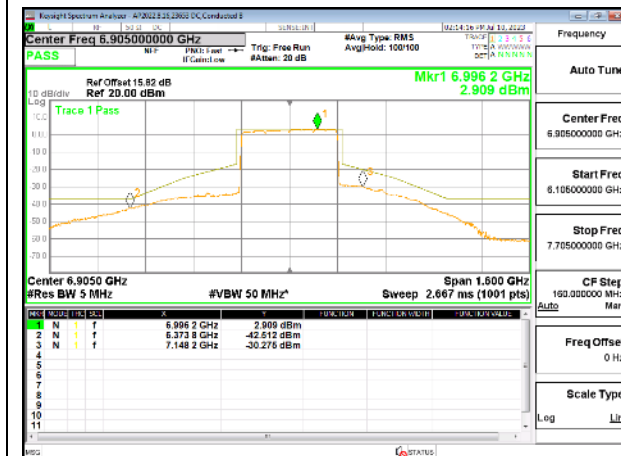
STRADDLE CHANNEL



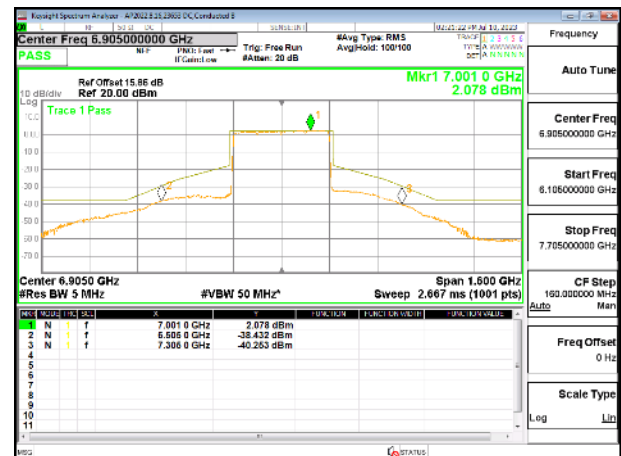
STRADDLE CHANNEL Antenna 5



STRADDLE CHANNEL Antenna 8



STRADDLE CHANNEL Antenna 3



STRADDLE CHANNEL Antenna 10

10. RADIATED TEST RESULTS

LIMITS

FCC §15.205 Restrictd bands

§15.209 and FCC §15.407(b)(6) -Un-Restricted bands

RSS 248 Issue 2 section 4.6.2 (a)

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 5 GHz bands.

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

NOTE: The limits in CFR 47, Part 15, Subpart C, paragraph 15.209(a), are identical to those in RSS-Gen section 8.9, Table 6, since the measurements are performed in terms of magnetic field strength and converted to electric field strength levels (as 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.

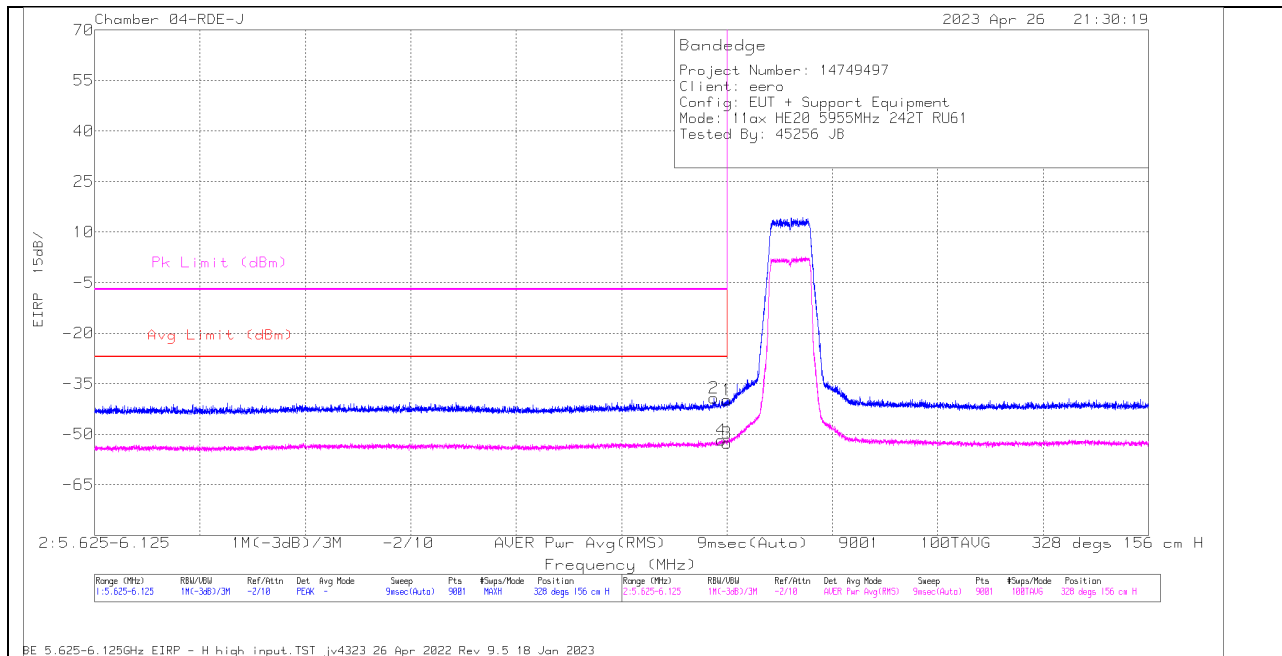
10.1. TRANSMITTER OUTSIDE 5.925-7.125 GHz , 1-18GHz

10.1.1. TX ABOVE 1 GHz 802.11ax HE20 MODE IN THE UNII-5 BAND

1TX Antenna 5 OFDMA MODE: 242-Tones, RU 61

BANDEDGE (LOW CHANNEL)

HORIZONTAL RESULT

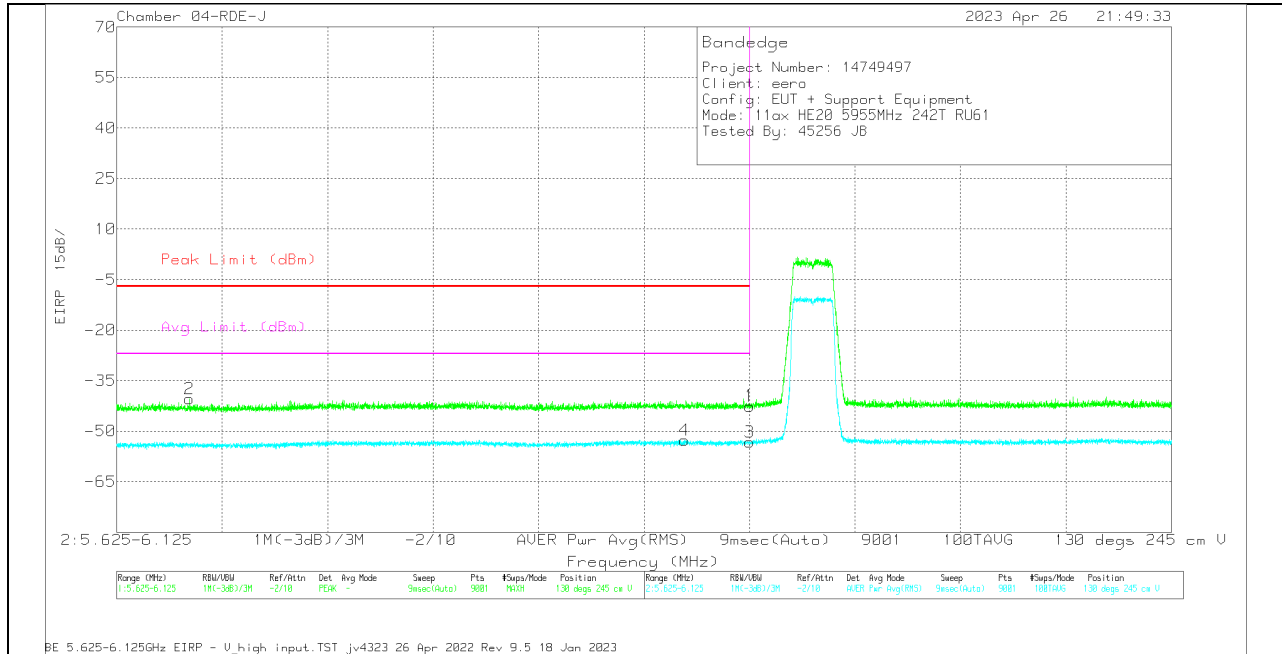


Trace Markers

Marker	Frequency (MHz)	Meter Reading (dBm)	Det	222741 ACF(dB) - 3mH	Amp/Cbl/Pad (dB)	Conversion Factor (dB)	Corrected Reading EIRP	Avg Limit (dBm)	RMS Margin (dB)	Pk Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5925	-73.19	Pk	35	-13.5	11.8	-39.89	-	-	-7	-32.89	328	156	H
2	5918.78	-72.44	Pk	35	-13.6	11.8	-39.24	-	-	-7	-32.24	328	156	H
3	5925	-85.91	RMS	35	-13.5	11.8	-52.61	-27	-25.61	-	-	328	156	H
4	5922.225	-84.97	RMS	35	-13.5	11.8	-51.67	-27	-24.67	-	-	328	156	H

Pk - Peak detector
RMS - RMS detection

VERTICAL RESULT



Trace Markers

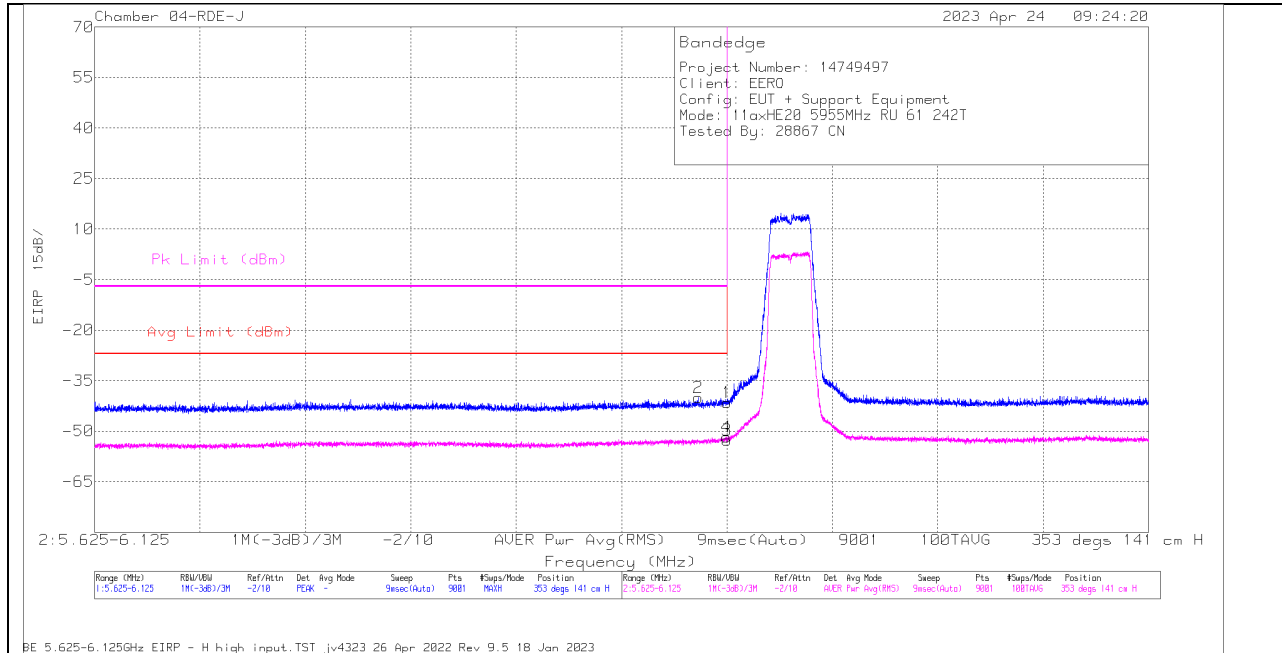
Marker	Frequency (MHz)	Meter Reading (dBm)	Det	222741 ACF(dB) -3mH	Amp/Cbl/Pad (dB)	Conversion Factor (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Avg Limit (dBm)	RMS Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5925	-75.83	Pk	35	-13.5	11.8	-42.53	-7	-35.53	-	-	130	245	V
2	5659.389	-73.15	Pk	34.6	-13.6	11.8	-40.35	-7	-33.35	-	-	130	245	V
3	5925	-86.56	RMS	35	-13.5	11.8	-53.26	-	-	-27	-26.26	130	245	V
4	5894.224	-85.63	RMS	34.9	-13.7	11.8	-52.63	-	-	-27	-25.63	130	245	V

Pk - Peak detector
RMS - RMS detection

2TX Antenna 5 + Antenna 8 OFDMA MODE: 242-Tones, RU 61

BANDEDGE (LOW CHANNEL)

HORIZONTAL RESULT

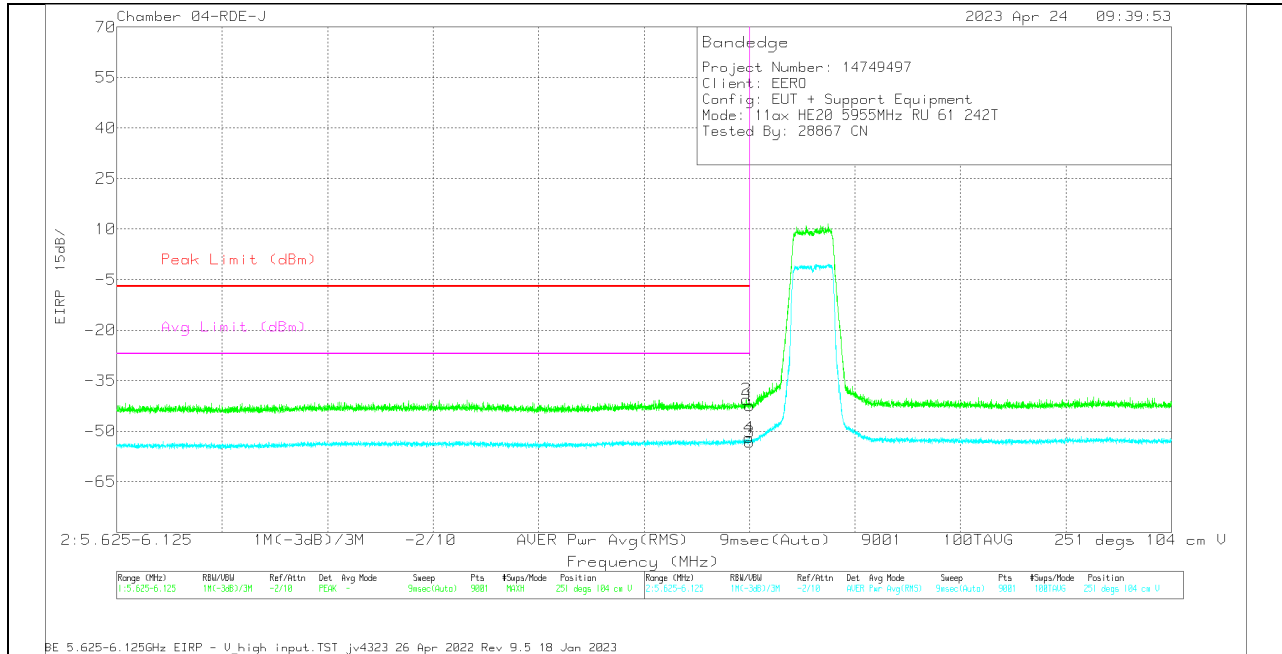


Trace Markers

Marker	Frequency (MHz)	Meter Reading (dBm)	Det	222741 ACF(dB) - 3mH	Amp/Cbl/Pad (dB)	Conversion Factor (dB)	Corrected Reading EIRP	Avg Limit (dBm)	RMS Margin (dB)	Pk Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5925	-74.8	Pk	35	-13.5	11.8	-41.5	-	-	-7	-34.5	353	141	H
2	5911.391	-72.95	Pk	34.9	-13.7	11.8	-39.95	-	-	-7	-32.95	353	141	H
3	5925	-86	RMS	35	-13.5	11.8	-52.7	-27	-25.7	-	-	353	141	H
4	5924.614	-85.08	RMS	35	-13.5	11.8	-51.78	-27	-24.78	-	-	353	141	H

Pk - Peak detector
RMS - RMS detection

VERTICAL RESULT



Trace Markers

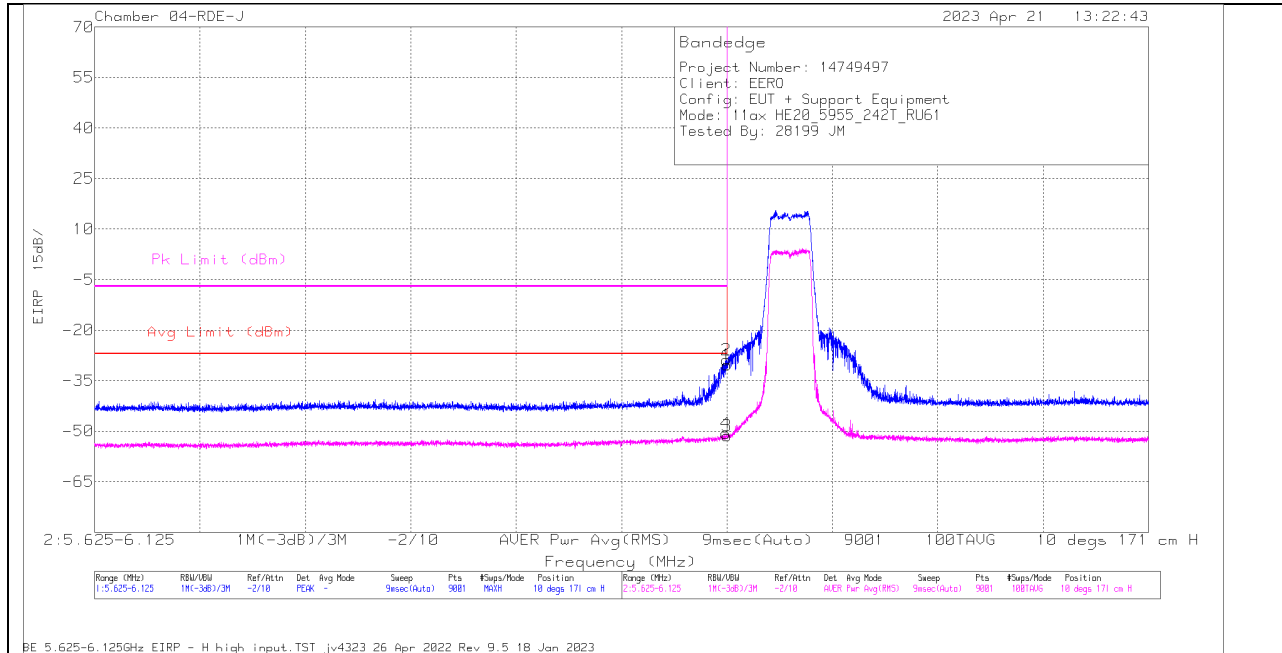
Marker	Frequency (MHz)	Meter Reading (dBm)	Det	22741 ACF(dB) -3mH	Amp/Cbl/Pad (dB)	Conversion Factor (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Avg Limit (dBm)	RMS Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5925	-75.8	Pk	35	-13.5	11.8	-42.5	-7	-35.5	-	-	251	104	V
2	5923.447	-73.85	Pk	35	-13.5	11.8	-40.55	-7	-33.55	-	-	251	104	V
3	5925	-86.47	RMS	35	-13.5	11.8	-53.17	-	-	-27	-26.17	251	104	V
4	5924.725	-85.3	RMS	35	-13.5	11.8	-52	-	-	-27	-25	251	104	V

Pk - Peak detector
RMS - RMS detection

4TX Antenna 5 + Antenna 8 + Antenna 3 + Antenna 10 OFDMA MODE: 242-Tones, RU 61

BANDEDGE (LOW CHANNEL)

HORIZONTAL RESULT

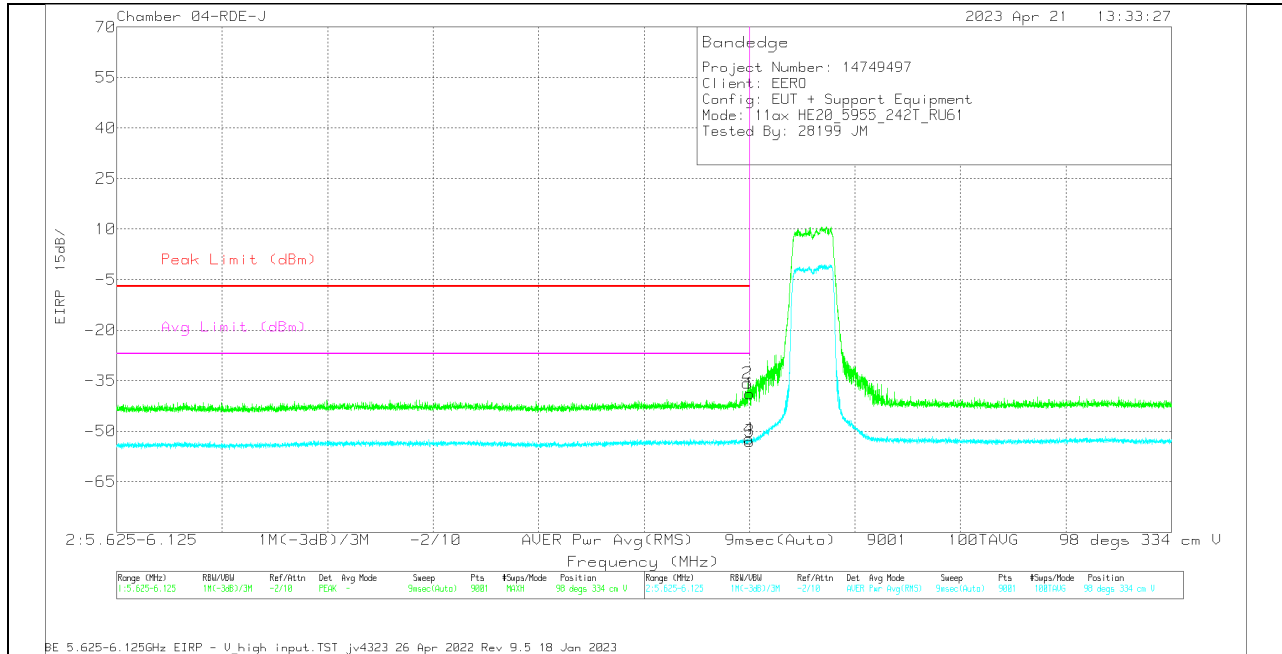


Trace Markers

Marker	Frequency (MHz)	Meter Reading (dBm)	Det	222741 ACF(dB) - 3mH	Amp/Cbl/Pad (dB)	Conversion Factor (dB)	Corrected Reading EIRP	Avg Limit (dBm)	RMS Margin (dB)	Pk Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5925	-63.71	Pk	35	-13.5	11.8	-30.41	-	-	-7	-23.41	10	171	H
2	5924.725	-62.16	Pk	35	-13.5	11.8	-28.86	-	-	-7	-21.86	10	171	H
3	5925	-84.65	RMS	35	-13.5	11.8	-51.35	-27	-24.35	-	-	10	171	H
4	5924.502	-83.93	RMS	35	-13.5	11.8	-50.63	-27	-23.63	-	-	10	171	H

Pk - Peak detector
RMS - RMS detection

VERTICAL RESULT



Trace Markers

Marker	Frequency (MHz)	Meter Reading (dBm)	Det	222741 ACF(dB) - 3mH	Amp/Cbl/Pad (dB)	Conversion Factor (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Avg Limit (dBm)	RMS Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5925	-72.12	Pk	35	-13.5	11.8	-38.82	-7	-31.82	-	-	98	334	V
2	5924.002	-68.98	Pk	35	-13.5	11.8	-35.68	-7	-28.68	-	-	98	334	V
3	5925	-86.26	RMS	35	-13.5	11.8	-52.96	-	-	-27	-25.96	98	334	V
4	5924.78	-85.65	RMS	35	-13.5	11.8	-52.35	-	-	-27	-25.35	98	334	V

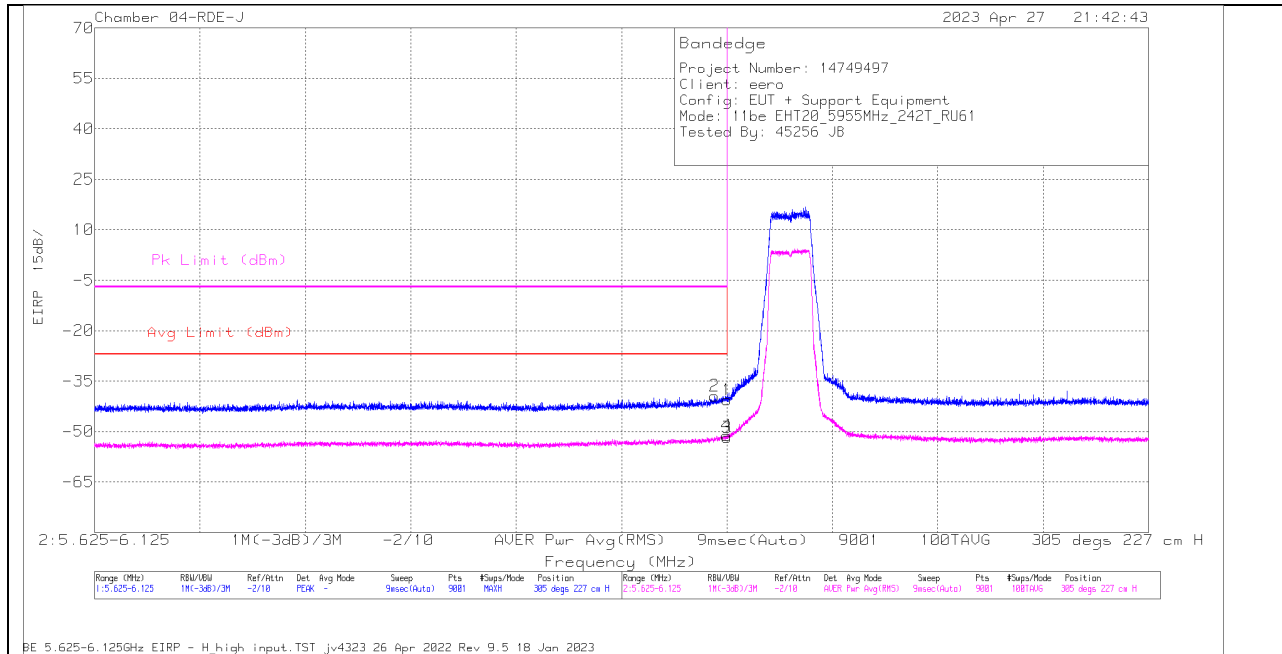
Pk - Peak detector
RMS - RMS detection

10.1.2. TX ABOVE 1 GHz 802.11be EHT20 MODE IN THE UNII-5 BAND

1TX Antenna 5 OFDMA MODE: 242-Tones, RU 61

BANDEDGE (LOW CHANNEL)

HORIZONTAL RESULT

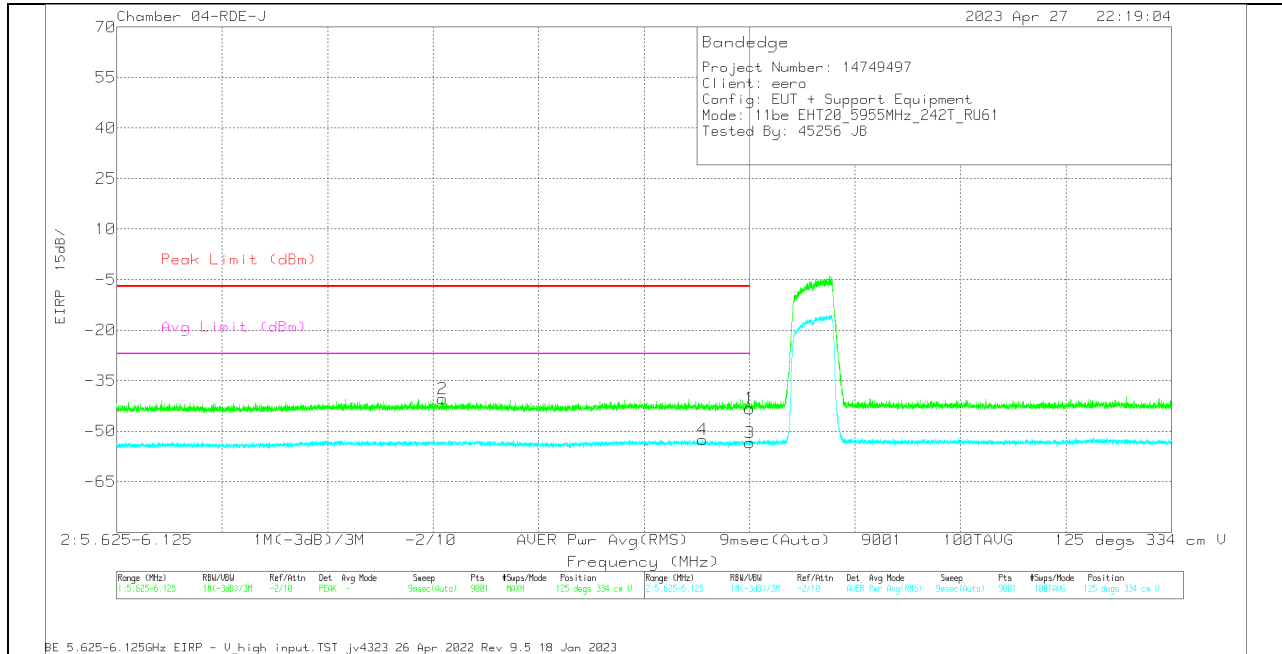


Trace Markers

Marker	Frequency (MHz)	Meter Reading (dBm)	Det	222741 ACF(dB) -3mH	Amp/Cbl/Pad (dB)	Conversion Factor (dB)	Corrected Reading EIRP	Avg Limit (dBm)	RMS Margin (dB)	Pk Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5925	-73.91	Pk	35	-13.5	11.8	-40.61	-	-	-7	-33.61	305	227	H
2	5919.225	-72.57	Pk	35	-13.6	11.8	-39.37	-	-	-7	-32.37	305	227	H
3	5925	-85.06	RMS	35	-13.5	11.8	-51.76	-27	-24.76	-	-	305	227	H
4	5924.891	-84.48	RMS	35	-13.5	11.8	-51.18	-27	-24.18	-	-	305	227	H

Pk - Peak detector
RMS - RMS detection

VERTICAL RESULT



Trace Markers

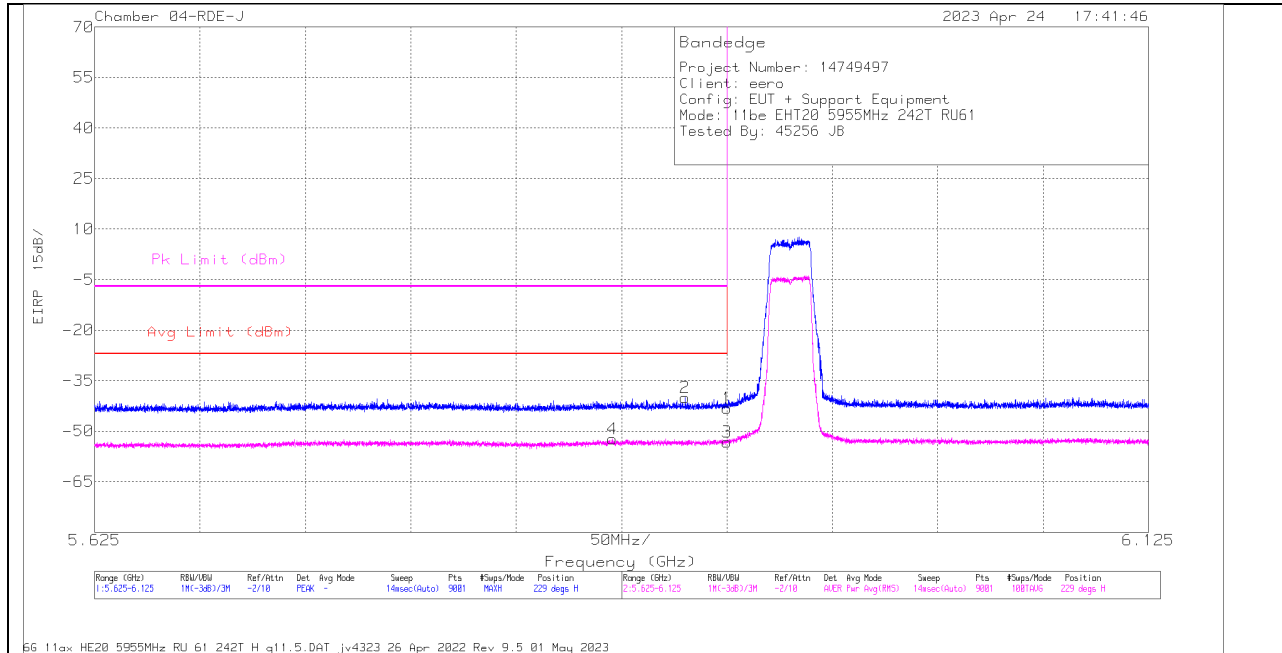
Marker	Frequency (MHz)	Meter Reading (dBm)	Det	22741 ACF(dB) -3mH	Amp/Cbl/Pad (dB)	Conversion Factor (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Avg Limit (dBm)	RMS Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5925	-76.57	Pk	35	-13.5	11.8	-43.27	-7	-36.27	-	-	125	334	V
2	5779.557	-73.42	Pk	34.7	-13.4	11.8	-40.32	-7	-33.32	-	-	125	334	V
3	5925	-86.75	RMS	35	-13.5	11.8	-53.45	-	-	-27	-26.45	125	334	V
4	5902.891	-85.33	RMS	34.9	-13.8	11.8	-52.43	-	-	-27	-25.43	125	334	V

Pk - Peak detector
RMS - RMS detection

2TX Antenna 5 + Antenna 8 OFDMA MODE: 242-Tones, RU 61

BANDEDGE (LOW CHANNEL)

HORIZONTAL RESULT

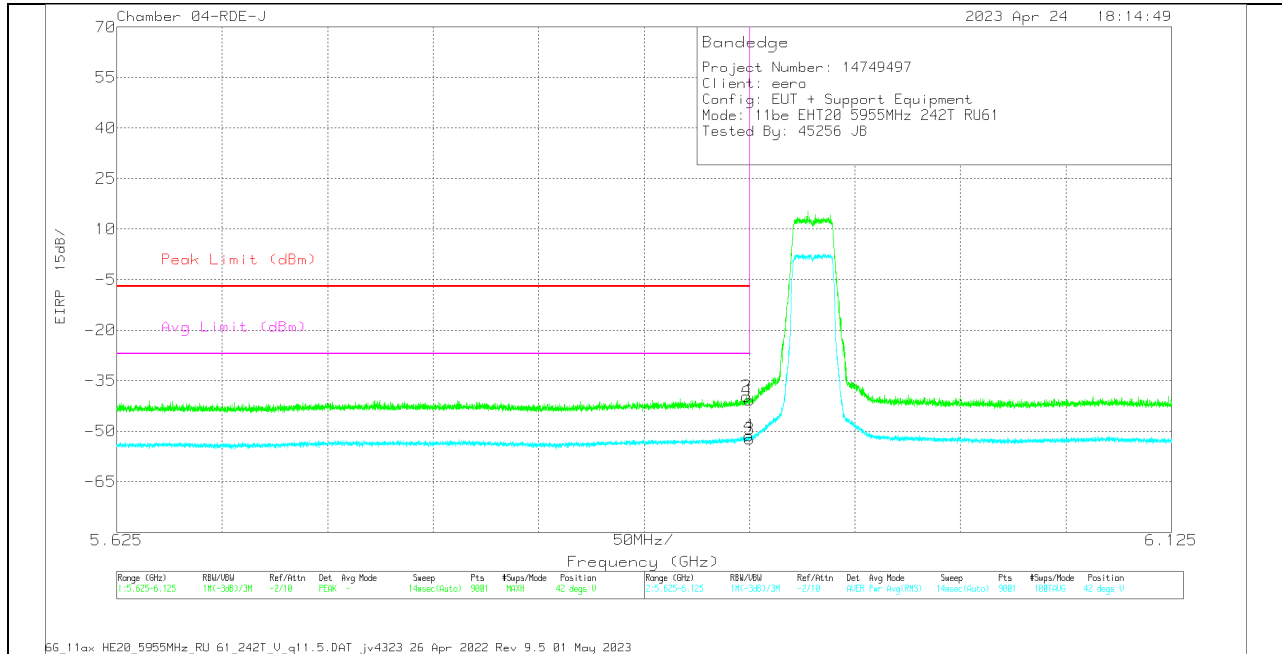


Trace Markers

Marker	Frequency (MHz)	Meter Reading (dBm)	Det	222741 ACF(dB) - 3mH	Amp/Cbl/Pad (dB)	Conversion Factor (dB)	Corrected Reading EIRP	Avg Limit (dBm)	RMS Margin (dB)	Pk Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5925	-76.45	Pk	35	-13.5	11.8	-43.15	-	-	-7	-36.15	229	109	H
2	5905.113	-72.86	Pk	34.9	-13.8	11.8	-39.96	-	-	-7	-32.96	229	109	H
3	5925	-86.59	RMS	35	-13.5	11.8	-53.29	-27	-26.29	-	-	229	109	H
4	5870.558	-85.65	RMS	34.9	-13.4	11.8	-52.35	-27	-25.35	-	-	229	109	H

Pk - Peak detector
RMS - RMS detection

VERTICAL RESULT



Trace Markers

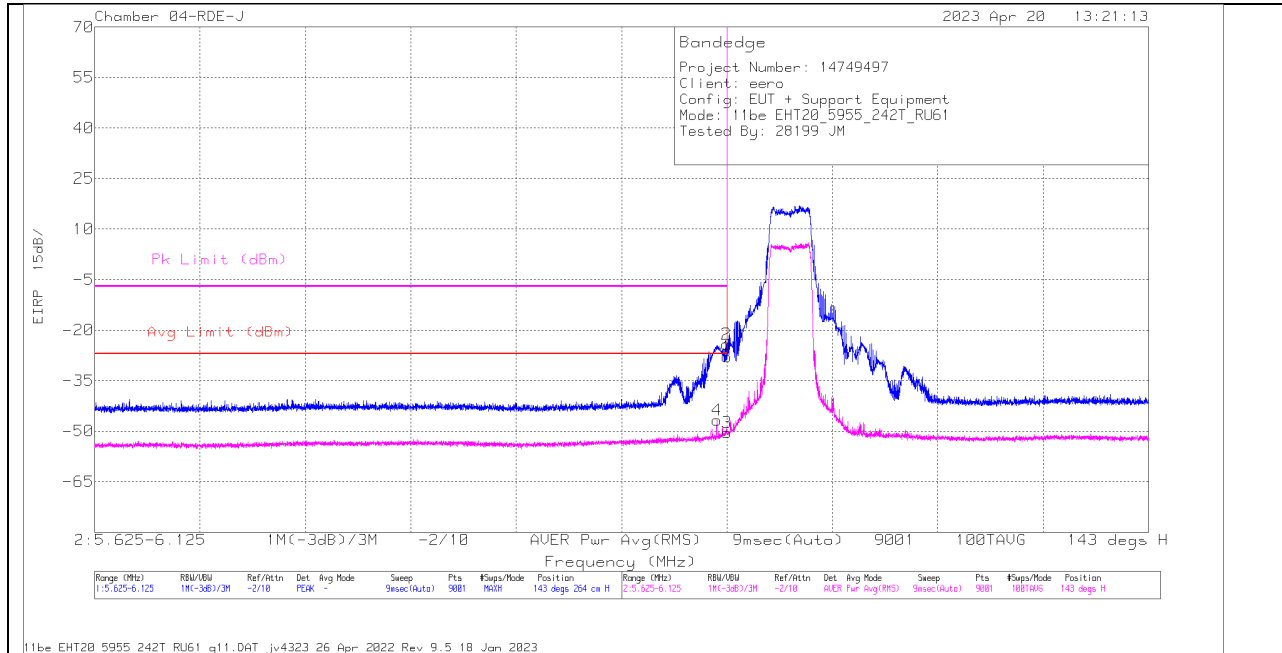
Marker	Frequency (MHz)	Meter Reading (dBm)	Det	222741 ACF(dB) -3mH	Amp/Cbl/Pad (dB)	Conversion Factor (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Avg Limit (dBm)	RMS Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5925	-74	Pk	35	-13.5	11.8	-40.7	-7	-33.7	-	-	42	211	V
2	5923.669	-72.93	Pk	35	-13.5	11.8	-39.63	-7	-32.63	-	-	42	211	V
3	5925	-85.55	RMS	35	-13.5	11.8	-52.25	-	-	-27	-25.25	42	211	V
4	5924.78	-84.62	RMS	35	-13.5	11.8	-51.32	-	-	-27	-24.32	42	211	V

Pk - Peak detector
RMS - RMS detection

4TX Antenna 5 + Antenna 8 + Antenna 3 + Antenna 10 OFDMA MODE: 242-Tones, RU 61

BANDEDGE (LOW CHANNEL)

HORIZONTAL RESULT

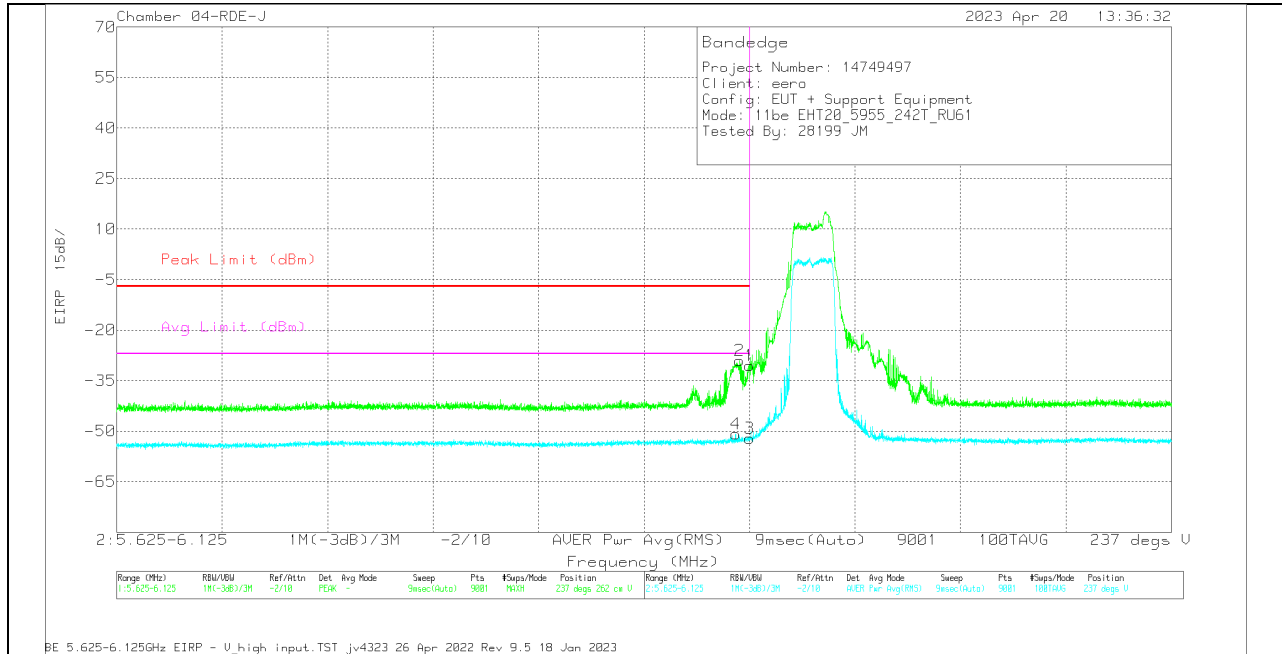


Trace Markers

Marker	Frequency (MHz)	Meter Reading (dBm)	Det	222741 ACF(dB) - 3mH	Amp/Cbl/Pad (dB)	Conversion Factor (dB)	Corrected Reading EIRP	Avg Limit (dBm)	RMS Margin (dB)	Pk Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5925	-61.21	Pk	35	-13.5	11.8	-27.91	-	-	-7	-20.91	143	264	H
2	5924.836	-57.41	Pk	35	-13.5	11.8	-24.11	-	-	-7	-17.11	143	264	H
3	5925	-83.83	RMS	35	-13.5	11.8	-50.53	-27	-23.53	-	-	143	264	H
4	5920.336	-79.93	RMS	35	-13.6	11.8	-46.73	-27	-19.73	-	-	143	264	H

Pk - Peak detector
RMS - RMS detection

VERTICAL RESULT



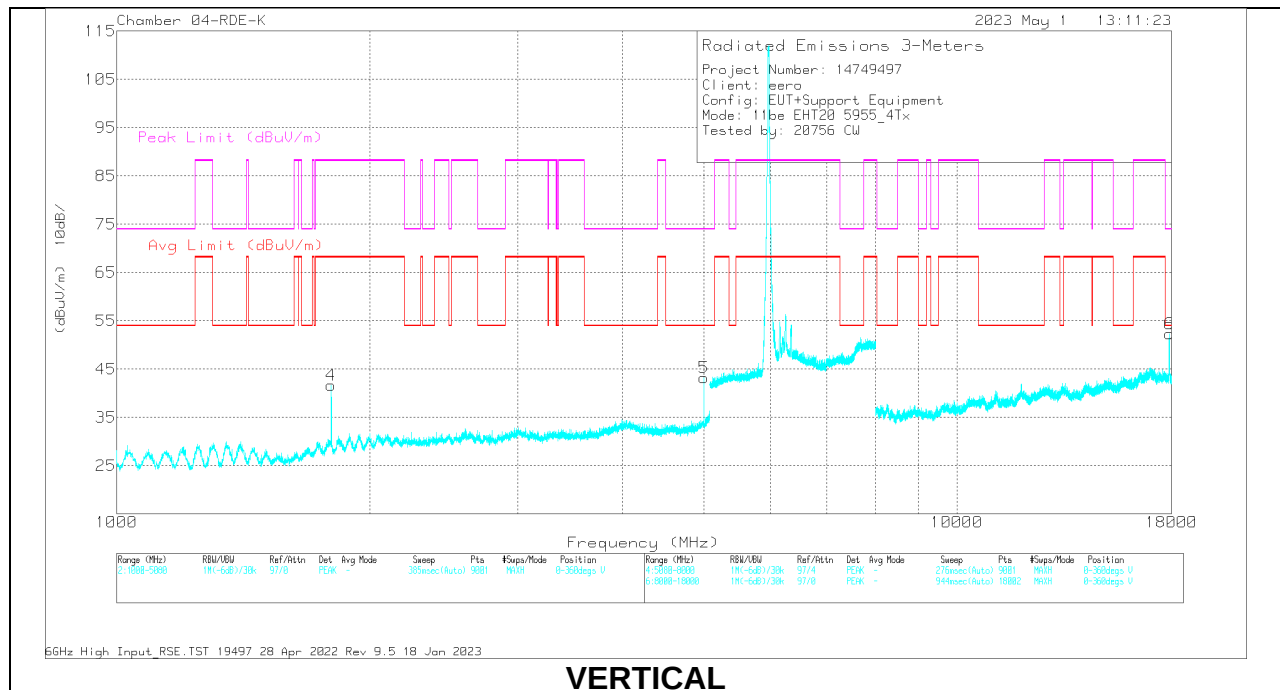
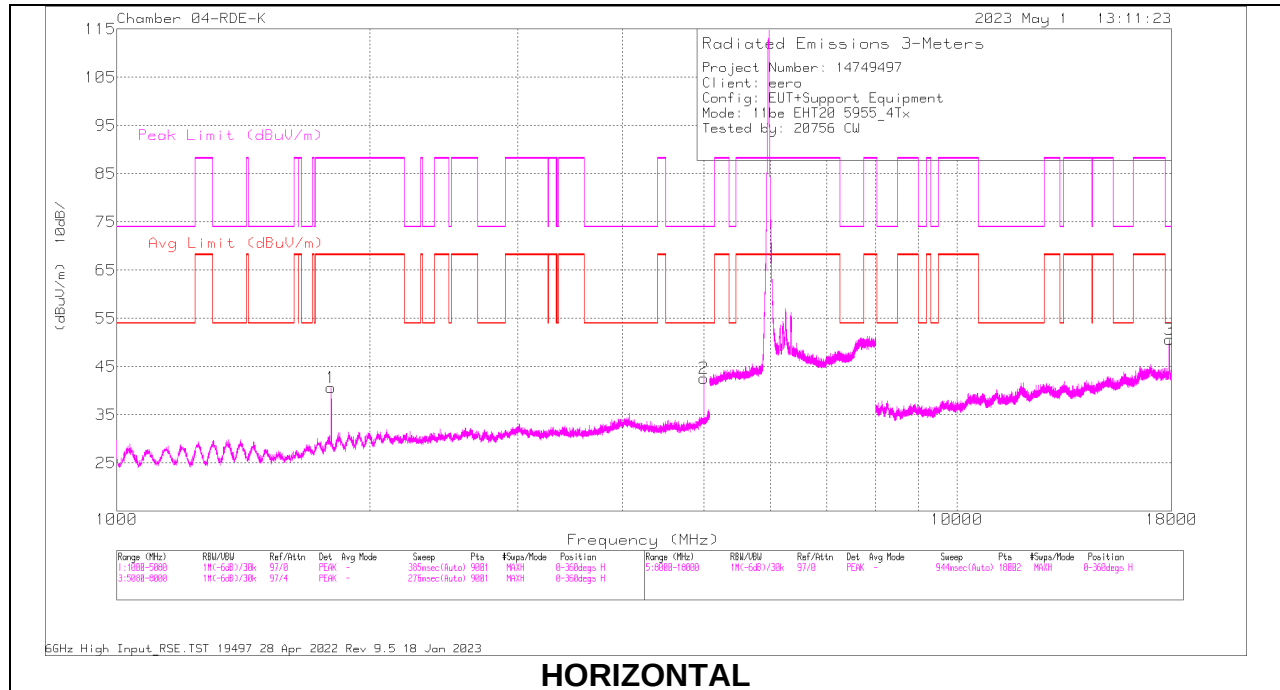
Trace Markers

Marker	Frequency (MHz)	Meter Reading (dBm)	Det	222741 ACF(dB) - 3mH	Amp/Cbl/Pad (dB)	Conversion Factor (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Avg Limit (dBm)	RMS Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5925	-63.82	Pk	35	-13.5	11.8	-30.52	-7	-23.52	-	-	237	262	V
2	5920.391	-62.18	Pk	35	-13.6	11.8	-28.98	-7	-21.98	-	-	237	262	V
3	5925	-85.43	RMS	35	-13.5	11.8	-52.13	-	-	-27	-25.13	237	262	V
4	5918.502	-84	RMS	35	-13.6	11.8	-50.8	-	-	-27	-23.8	237	262	V

PK - Peak detector
RMS - RMS detection

HARMONICS AND SPURIOUS EMISSIONS

LOW



RADIATED EMISSIONS

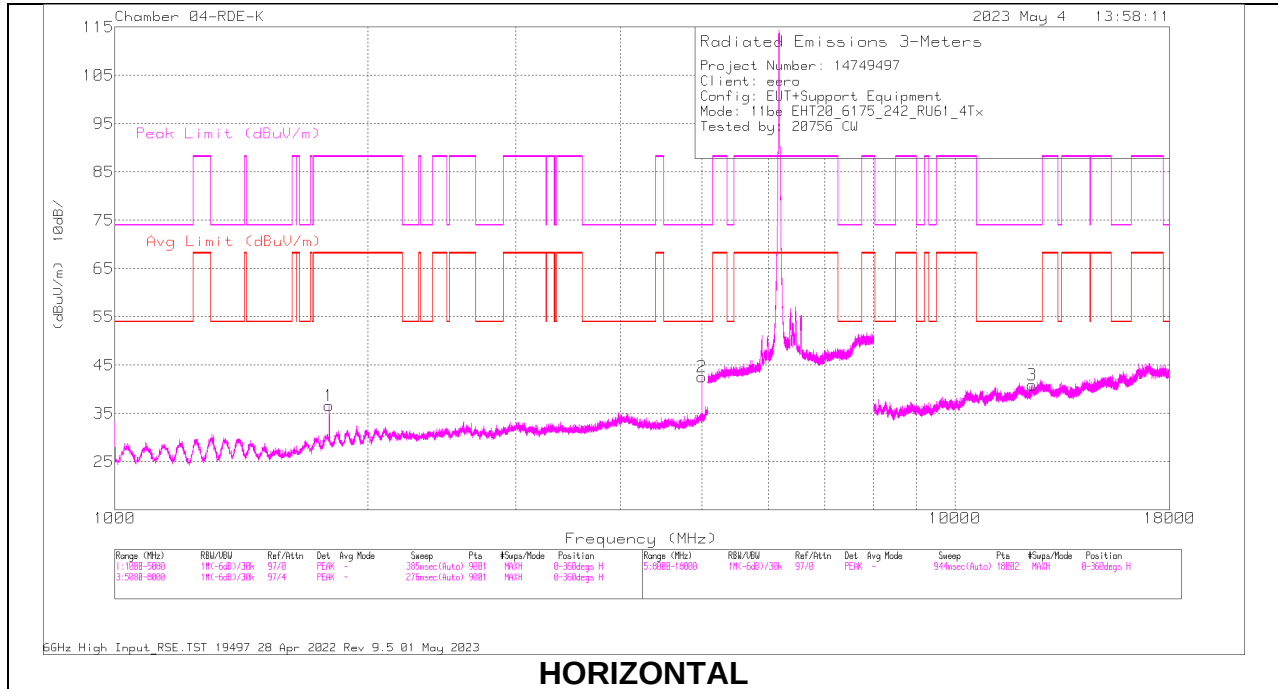
Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	223083 ACF (dB) 3mH	Amp/Cbl/Fitr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	1800.165	60.85	PK-U	30.2	-45.8	45.25	-	-	88.2	-42.95	161	253	H
	1799.971	54.81	ADR	30.2	-45.8	39.21	68.2	-28.99	-	-	161	253	H
2	* 4999.944	53.35	PK-U	33.8	-39	48.15	-	-	74	-25.85	189	125	H
	* 5000.072	47.8	ADR	33.8	-39	42.6	54	-11.4	-	-	189	125	H
4	1799.81	61.88	PK-U	30.2	-45.8	46.28	-	-	88.2	-41.92	180	283	V
	1799.904	56.93	ADR	30.2	-45.8	41.33	68.2	-26.87	-	-	180	283	V
5	* 5000.075	53.7	PK-U	33.8	-39	48.5	-	-	74	-25.5	163	152	V
	* 4999.989	48.51	ADR	33.8	-39	43.31	54	-10.69	-	-	163	152	V
3	* 17874.99	48.71	PK-U	40.6	-31.4	57.91	-	-	74	-16.09	350	193	H
	* 17874.91	36.94	ADR	40.6	-31.4	46.14	54	-7.86	-	-	350	193	H
6	* 17860.988	52.22	PK-U	40.5	-31.1	61.62	-	-	74	-12.38	9	138	V
	* 17870.585	40.35	ADR	40.6	-31.3	49.65	54	-4.35	-	-	9	138	V

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

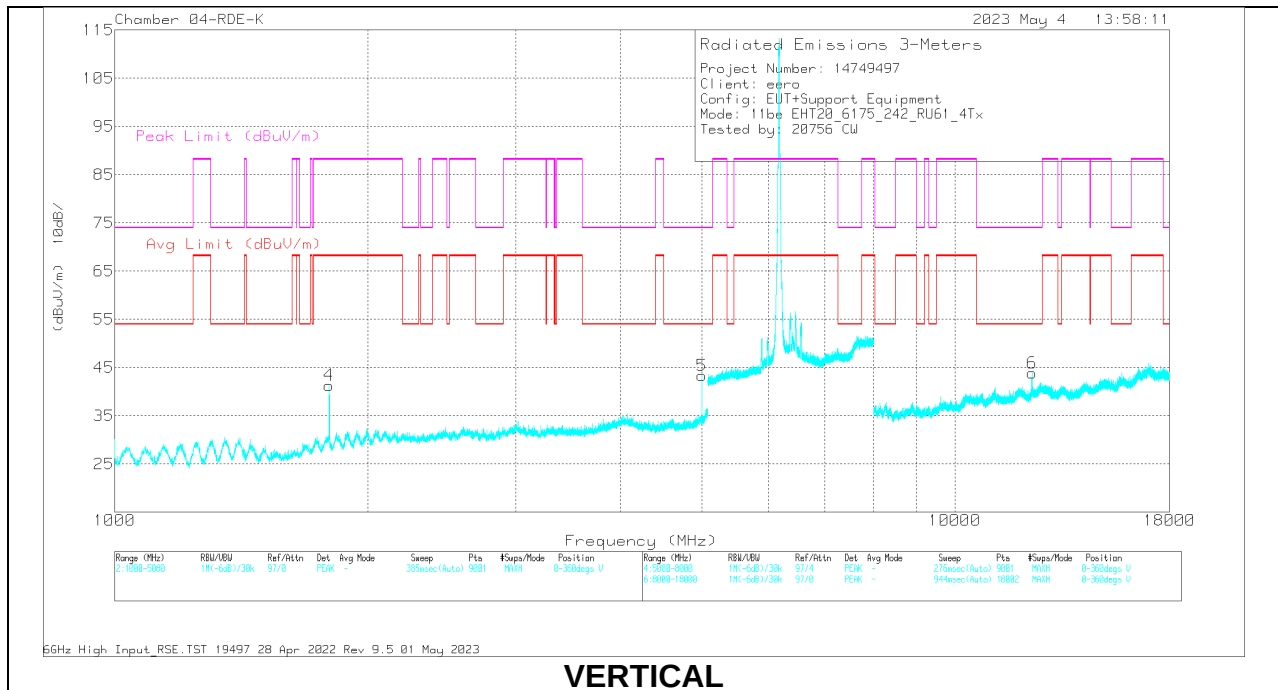
PK-U - U-NII: Maximum Peak

ADR - U-NII AD primary method, RMS average

MID



HORIZONTAL



VERTICAL

RADIATED EMISSIONS

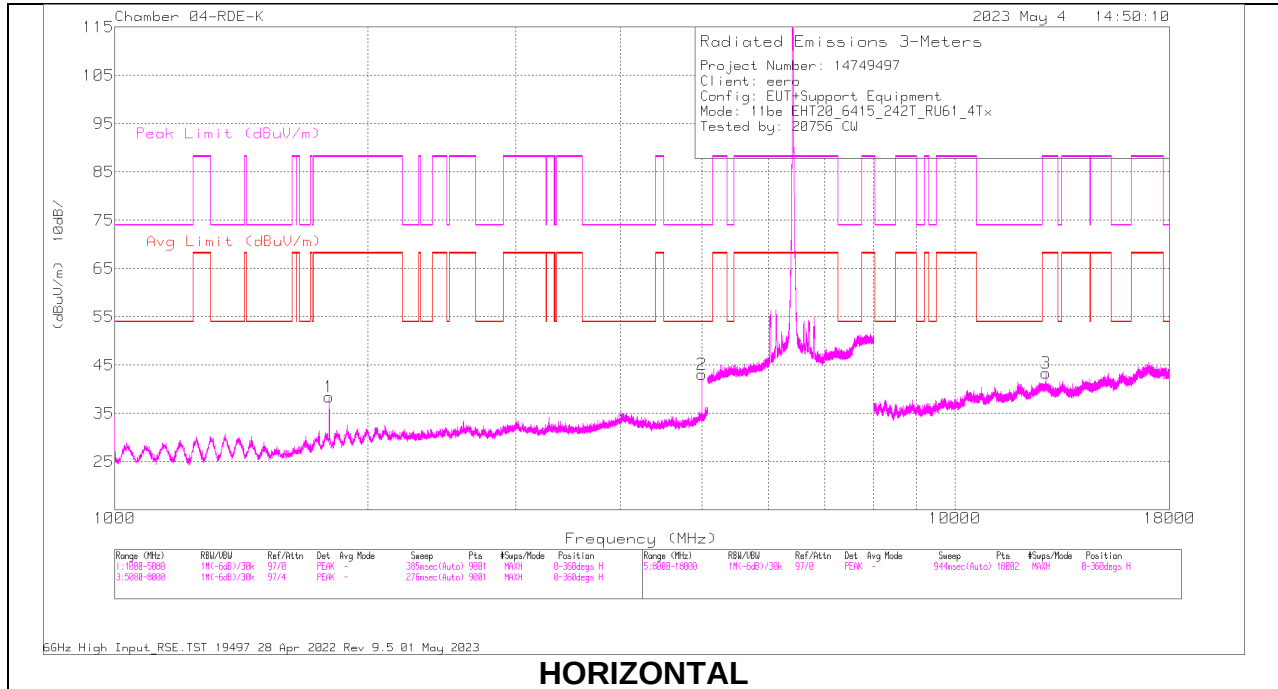
Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	223083 ACF (dB) 3mH	Amp/Cbl/Fitr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	1799.394	60.53	PK-U	30.2	-45.8	44.93	-	-	88.2	-43.27	161	219	H
	1799.995	54.96	ADR	30.2	-45.8	39.36	68.2	-28.84	-	-	161	219	H
2	* 5000.058	54.76	PK-U	33.8	-39	49.56	-	-	74	-24.44	218	268	H
	* 4999.991	49.11	ADR	33.8	-39	43.91	54	-10.09	-	-	218	268	H
4	1799.858	62.47	PK-U	30.2	-45.8	46.87	-	-	88.2	-41.33	179	283	V
	1799.99	57.47	ADR	30.2	-45.8	41.87	68.2	-26.33	-	-	179	283	V
5	* 5000.031	55.14	PK-U	33.8	-39	49.94	-	-	74	-24.06	168	153	V
	* 4999.993	50.12	ADR	33.8	-39	44.92	54	-9.08	-	-	168	153	V
3	* 12356.135	44.63	PK-U	39	-34.4	49.23	-	-	74	-24.77	341	335	H
	* 12354.547	33.01	ADR	39	-34.4	37.61	54	-16.39	-	-	341	335	H
6	* 12347.524	46.99	PK-U	39	-34.4	51.59	-	-	74	-22.41	10	158	V
	* 12349.911	35.19	ADR	39	-34.4	39.79	54	-14.21	-	-	10	158	V

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

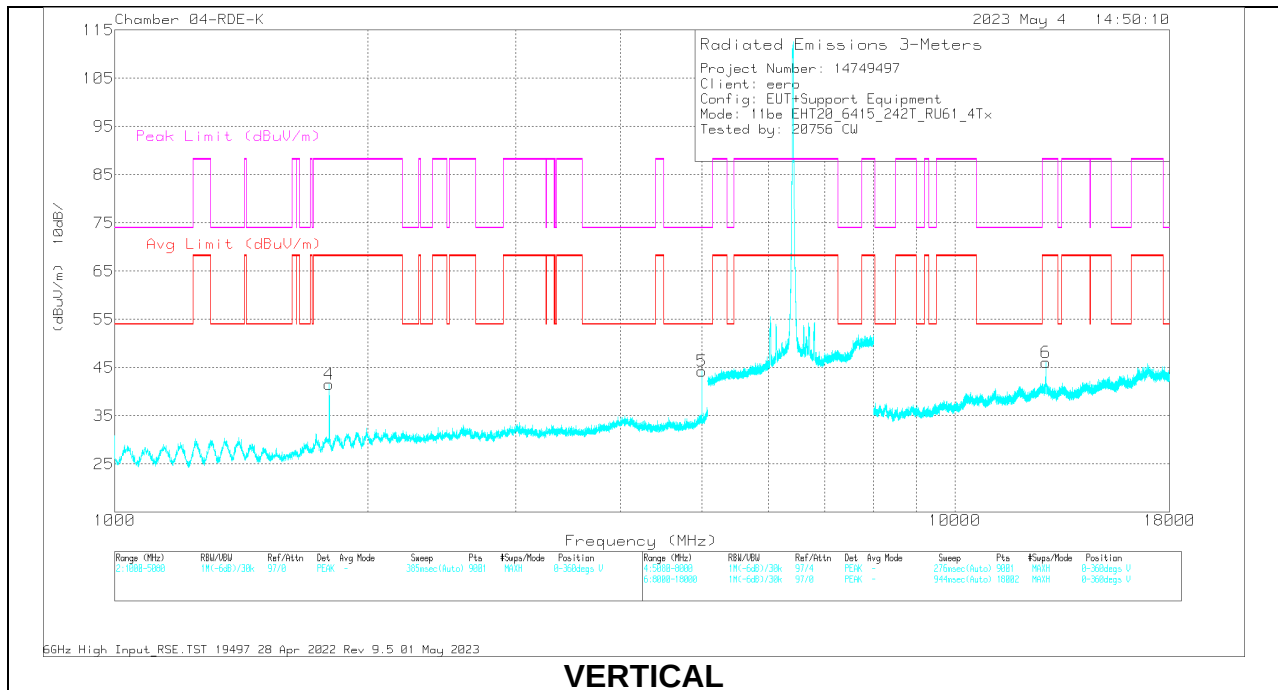
PK-U - U-NII: Maximum Peak

ADR - U-NII AD primary method, RMS average

HIGH



HORIZONTAL



VERTICAL

RADIATED EMISSIONS

Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	223083 ACF (dB) 3mH	Amp/Cbl/Fitr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	1800.023	61.46	PK-U	30.2	-45.8	45.86	-	-	88.2	-42.34	165	225	H
	1799.994	55.61	ADR	30.2	-45.8	40.01	68.2	-28.19	-	-	165	225	H
2	* 4999.978	54.69	PK-U	33.8	-39	49.49	-	-	74	-24.51	202	221	H
	* 5000.022	49.21	ADR	33.8	-39	44.01	54	-9.99	-	-	202	221	H
4	1799.681	61.84	PK-U	30.2	-45.8	46.24	-	-	88.2	-41.96	186	391	V
	1799.96	56.64	ADR	30.2	-45.8	41.04	68.2	-27.16	-	-	186	391	V
5	* 4999.975	54.68	PK-U	33.8	-39	49.48	-	-	74	-24.52	166	105	V
	* 5000.023	49.35	ADR	33.8	-39	44.15	54	-9.85	-	-	166	105	V
3	12831.253	45.91	PK-U	39.5	-34.3	51.11	-	-	88.2	-37.09	48	114	H
	12830.749	34.74	ADR	39.5	-34.3	39.94	68.2	-28.26	-	-	48	114	H
6	12830.122	48.85	PK-U	39.5	-34.3	54.05	-	-	88.2	-34.15	13	109	V
	12829.982	36.81	ADR	39.5	-34.3	42.01	68.2	-26.19	-	-	13	109	V

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

PK-U - U-NII: Maximum Peak

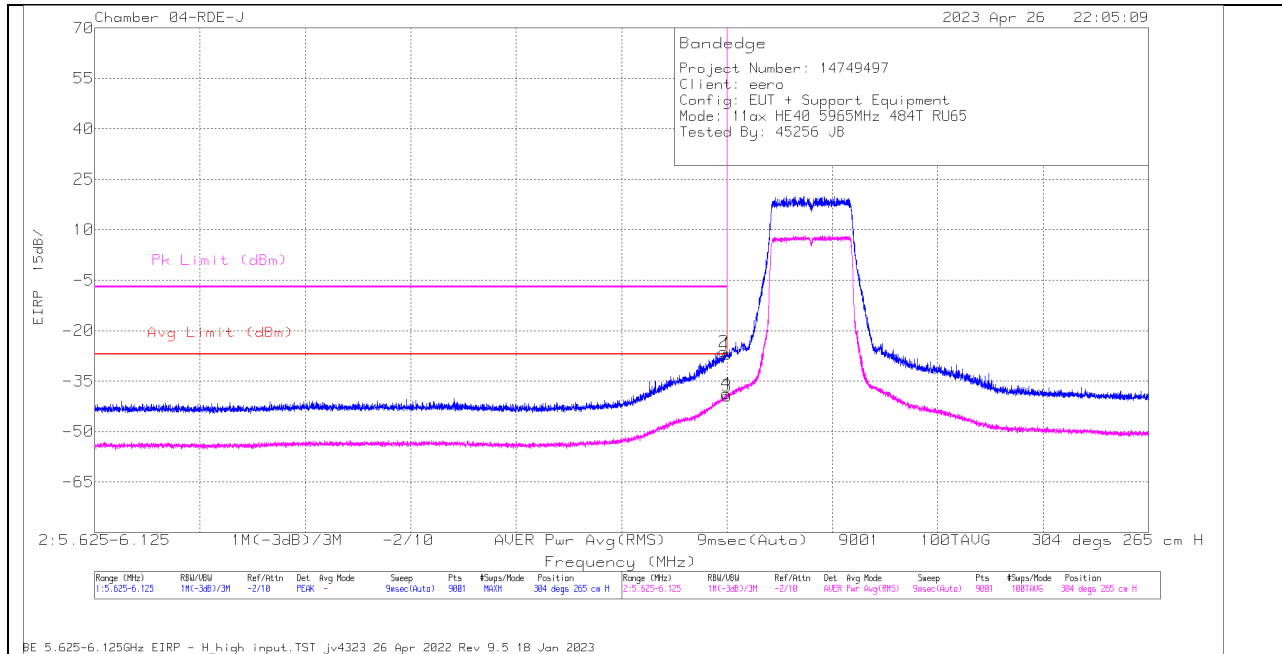
ADR - U-NII AD primary method, RMS average

10.1.3. TX ABOVE 1 GHz 802.11ax HE40 MODE IN THE UNII-5 BAND

1TX Antenna 5 OFDMA MODE: 484-Tones, RU 65

BANDEDGE (LOW CHANNEL)

HORIZONTAL RESULT

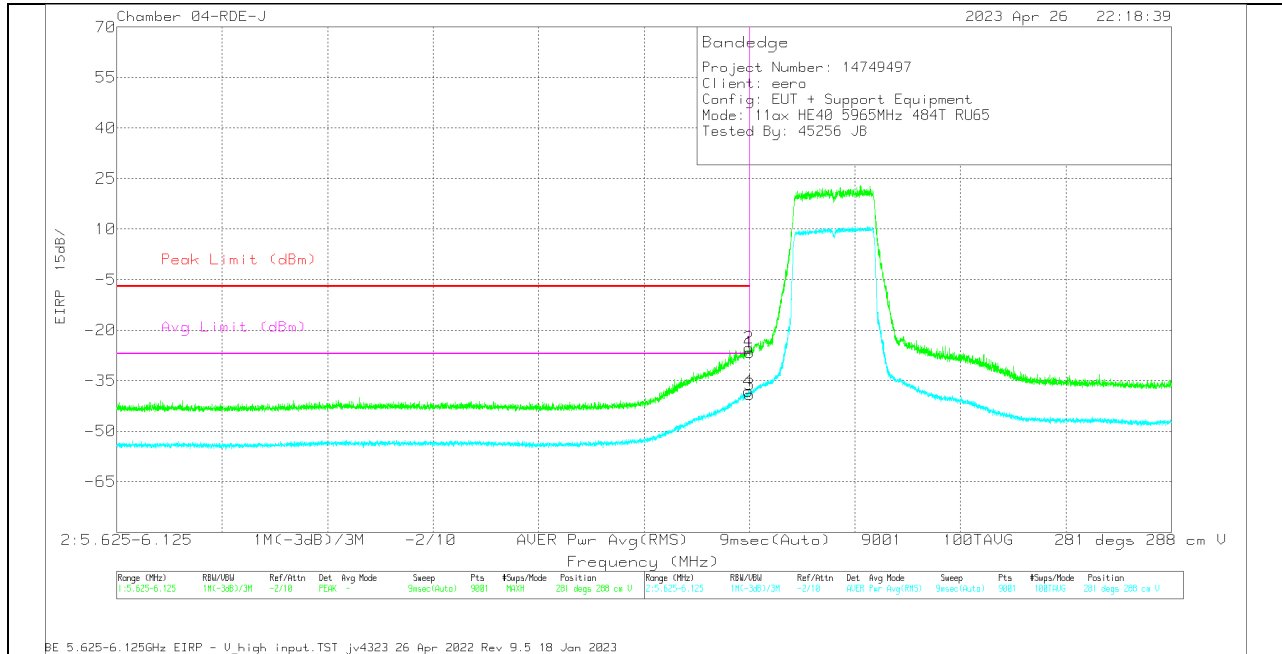


Trace Markers

Marker	Frequency (MHz)	Meter Reading (dBm)	Det	222741 ACF(dB) - 3mH	Amp/Cbl/Pad (dB)	Conversion Factor (dB)	Corrected Reading EIRP	Avg Limit (dBm)	RMS Margin (dB)	Pk Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5925	-60.29	Pk	35	-13.5	11.8	-26.99	-	-	-7	-19.99	304	265	H
2	5923.614	-59.5	Pk	35	-13.5	11.8	-26.2	-	-	-7	-19.2	304	265	H
3	5925	-72.69	RMS	35	-13.5	11.8	-39.39	-27	-12.39	-	-	304	265	H
4	5924.614	-71.95	RMS	35	-13.5	11.8	-38.65	-27	-11.65	-	-	304	265	H

Pk - Peak detector
RMS - RMS detection

VERTICAL RESULT



Trace Markers

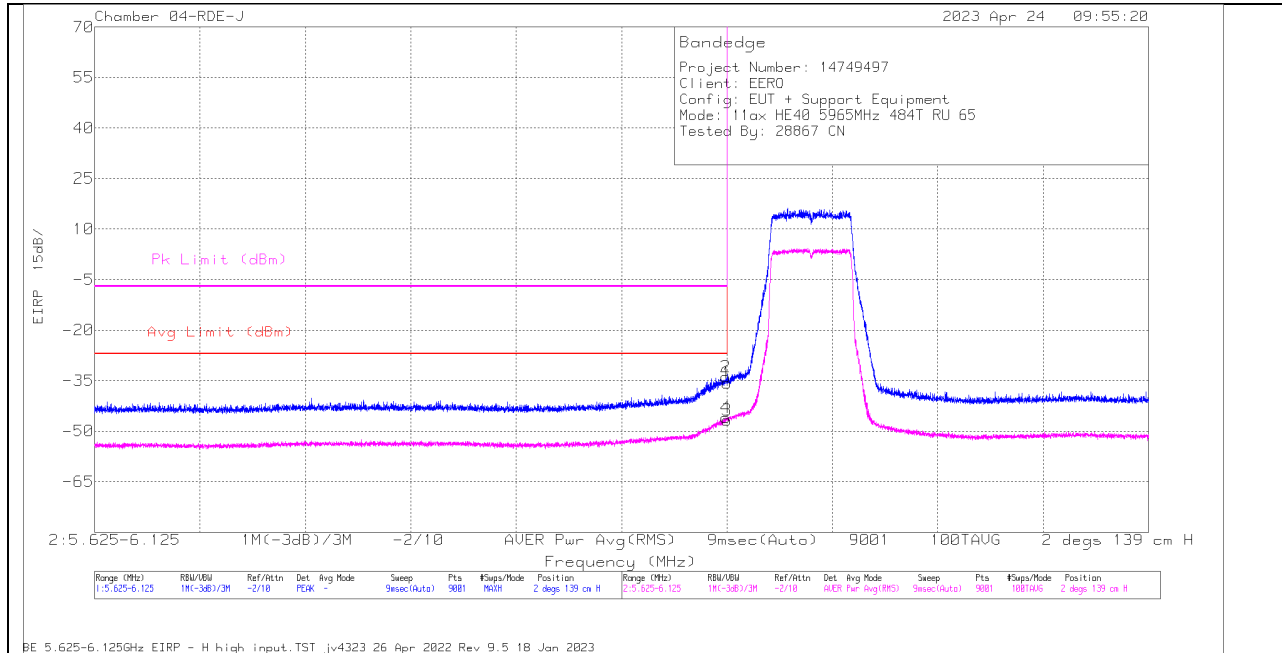
Marker	Frequency (MHz)	Meter Reading (dBm)	Det	222741 ACF(dB) - 3mH	Amp/Cbl/Pad (dB)	Conversion Factor (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Avg Limit (dBm)	RMS Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5925	-59.98	Pk	35	-13.5	11.8	-26.68	-7	-19.68	-	-	281	288	V
2	5924.836	-58.61	Pk	35	-13.5	11.8	-25.31	-7	-18.31	-	-	281	288	V
3	5925	-72.39	RMS	35	-13.5	11.8	-39.09	-	-	-27	-12.09	281	288	V
4	5924.558	-71.43	RMS	35	-13.5	11.8	-38.13	-	-	-27	-11.13	281	288	V

PK - Peak detector
RMS - RMS detection

2TX Antenna 5 + Antenna 8 OFDMA MODE: 484-Tones, RU 65

BANDEDGE (LOW CHANNEL)

HORIZONTAL RESULT

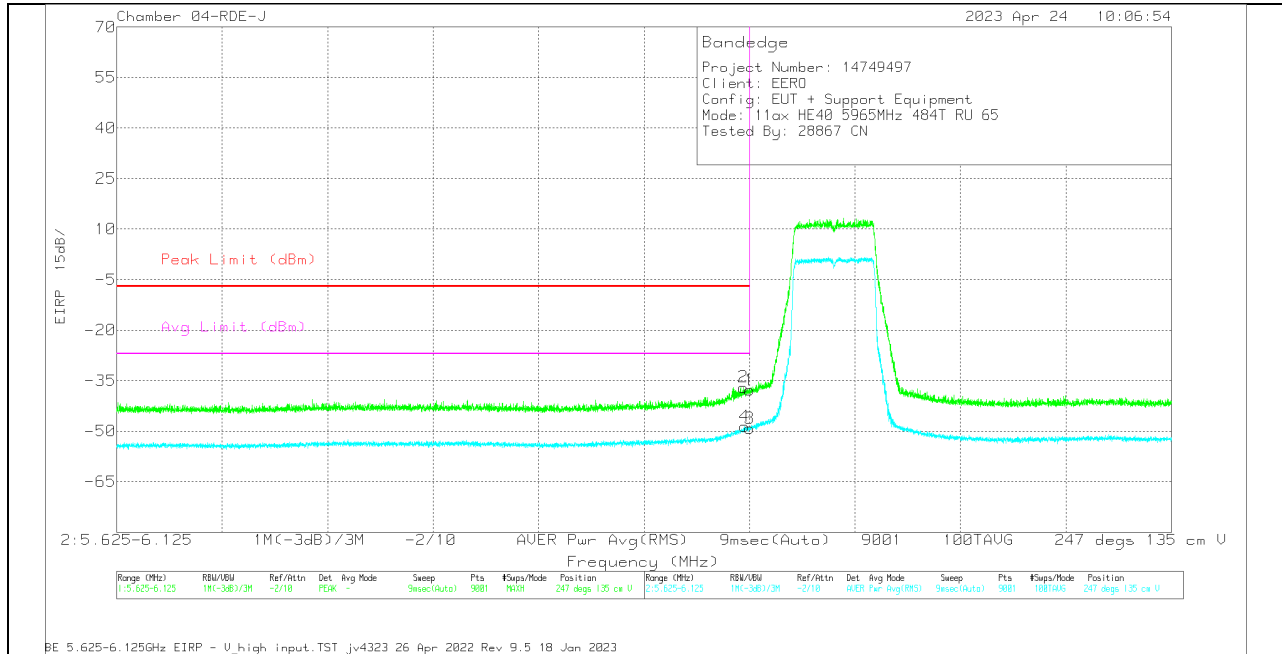


Trace Markers

Marker	Frequency (MHz)	Meter Reading (dBm)	Det	222741 ACF(dB) - 3mH	Amp/Cbl/Pad (dB)	Conversion Factor (dB)	Corrected Reading EIRP	Avg Limit (dBm)	RMS Margin (dB)	Pk Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5925	-69.11	Pk	35	-13.5	11.8	-35.81	-	-	-7	-28.81	2	139	H
2	5924.558	-67.18	Pk	35	-13.5	11.8	-33.88	-	-	-7	-26.88	2	139	H
3	5925	-80.01	RMS	35	-13.5	11.8	-46.71	-27	-19.71	-	-	2	139	H
4	5924.391	-79.25	RMS	35	-13.5	11.8	-45.95	-27	-18.95	-	-	2	139	H

Pk - Peak detector
RMS - RMS detection

VERTICAL RESULT



Trace Markers

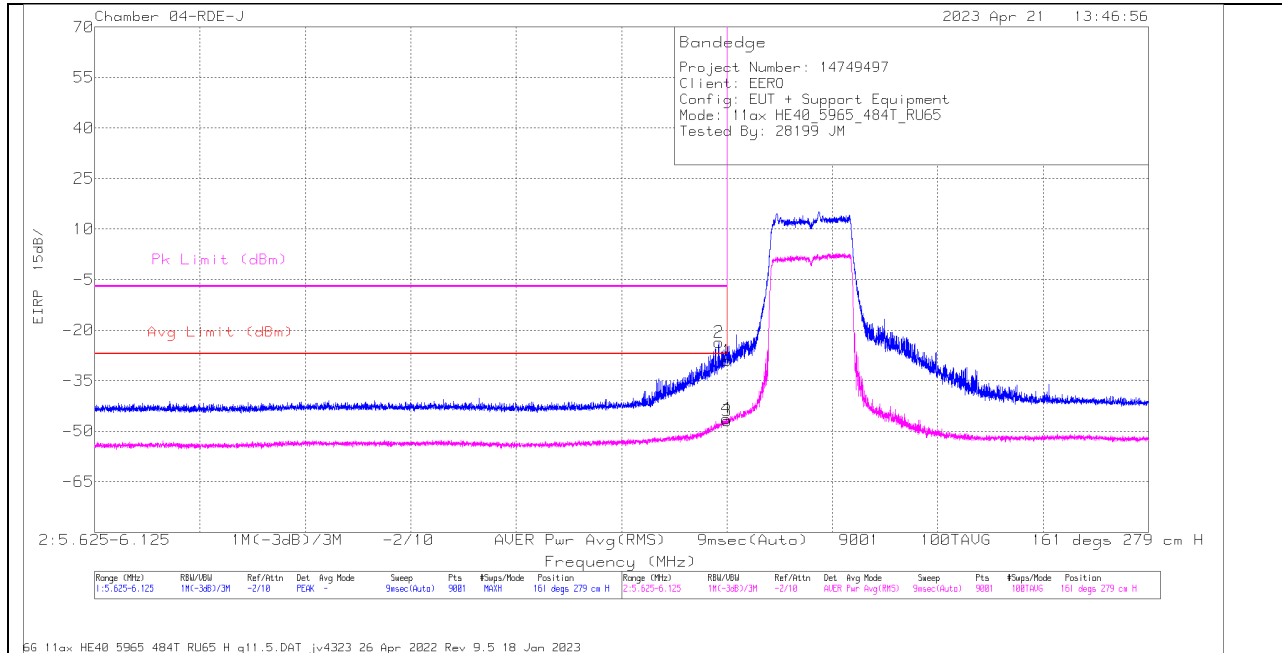
Marker	Frequency (MHz)	Meter Reading (dBm)	Det	222741 ACF(dB) - 3mH	Amp/Cbl/Pad (dB)	Conversion Factor (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Avg Limit (dBm)	RMS Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5925	-71.08	Pk	35	-13.5	11.8	-37.78	-7	-30.78	-	-	247	135	V
2	5922.058	-70.24	Pk	35	-13.5	11.8	-36.94	-7	-29.94	-	-	247	135	V
3	5925	-82.38	RMS	35	-13.5	11.8	-49.08	-	-	-27	-22.08	247	135	V
4	5922.725	-81.92	RMS	35	-13.5	11.8	-48.62	-	-	-27	-21.62	247	135	V

Pk - Peak detector
RMS - RMS detection

4TX Antenna 5 + Antenna 8 + Antenna 3 + Antenna 10 OFDMA MODE: 484-Tones, RU 65

BANDEDGE (LOW CHANNEL)

HORIZONTAL RESULT

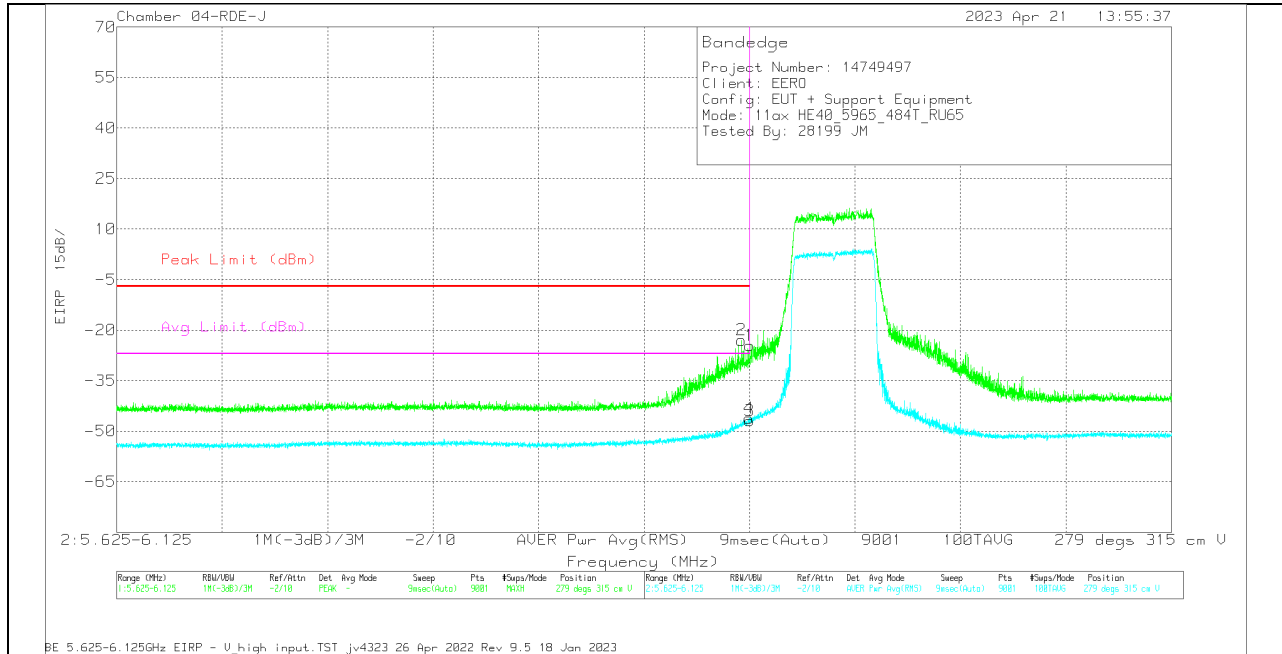


Trace Markers

Marker	Frequency (MHz)	Meter Reading (dBm)	Det	222741 ACF(dB) - 3mH	Amp/Cbl/Pad (dB)	Conversion Factor (dB)	Corrected Reading EIRP	Avg Limit (dBm)	RMS Margin (dB)	Pk Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5925	-62.41	Pk	35	-13.5	11.8	-29.11	-	-	-7	-22.11	161	279	H
2	5921.28	-56.84	Pk	35	-13.5	11.8	-23.54	-	-	-7	-16.54	161	279	H
3	5925	-80.12	RMS	35	-13.5	11.8	-46.82	-27	-19.82	-	-	161	279	H
4	5924.669	-79.55	RMS	35	-13.5	11.8	-46.25	-27	-19.25	-	-	161	279	H

Pk - Peak detector
RMS - RMS detection

VERTICAL RESULT



Trace Markers

Marker	Frequency (MHz)	Meter Reading (dBm)	Det	222741 ACF(dB) - 3mH	Amp/Cbl/Pad (dB)	Conversion Factor (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Avg Limit (dBm)	RMS Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5925	-57.87	Pk	35	-13.5	11.8	-24.57	-7	-17.57	-	-	279	315	V
2	5921.169	-56.27	Pk	35	-13.5	11.8	-22.97	-7	-15.97	-	-	279	315	V
3	5925	-80.27	RMS	35	-13.5	11.8	-46.97	-	-	-27	-19.97	279	315	V
4	5924.78	-79.48	RMS	35	-13.5	11.8	-46.18	-	-	-27	-19.18	279	315	V

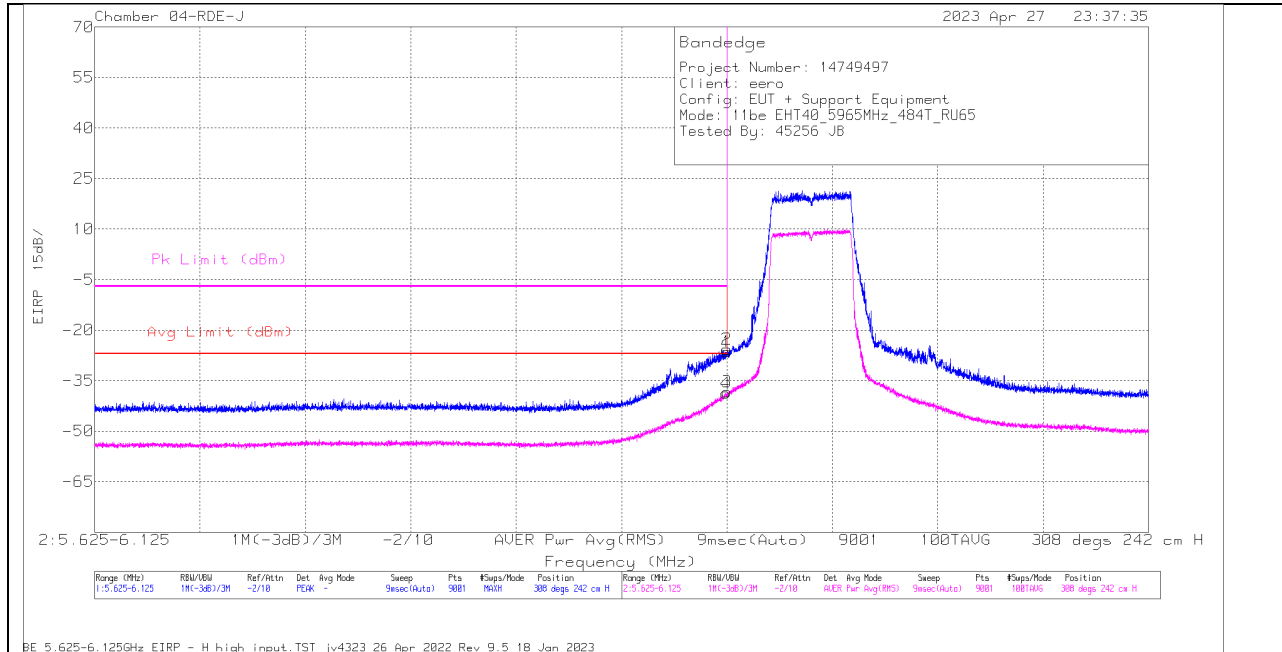
Pk - Peak detector
RMS - RMS detection

10.1.4. TX ABOVE 1 GHz 802.11be EHT40 MODE IN THE UNII-5 BAND

1TX Antenna 5 OFDMA MODE: 484-Tones, RU 65

BANDEDGE (LOW CHANNEL)

HORIZONTAL RESULT

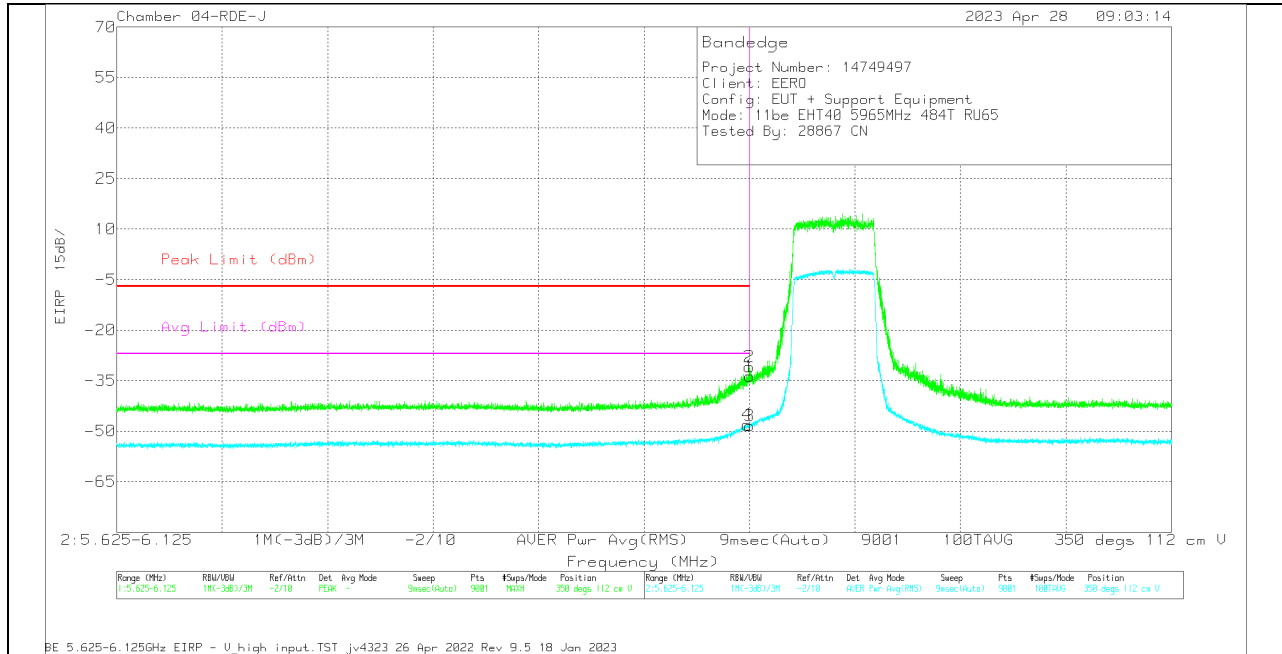


Trace Markers

Marker	Frequency (MHz)	Meter Reading (dBm)	Det	222741 ACF(dB) - 3mH	Amp/Cbl/Pad (dB)	Conversion Factor (dB)	Corrected Reading EIRP	Avg Limit (dBm)	RMS Margin (dB)	PK Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5925	-59.8	Pk	35	-13.5	11.8	-26.5	-	-	-7	-19.5	308	242	H
2	5924.891	-58.95	Pk	35	-13.5	11.8	-25.65	-	-	-7	-18.65	308	242	H
3	5925	-71.6	RMS	35	-13.5	11.8	-38.30	-27	-11.30	-	-	308	242	H
4	5924.502	-71.99	RMS	35	-13.5	11.8	-38.69	-27	-11.69	-	-	308	242	H

Pk - Peak detector
RMS - RMS detection

VERTICAL RESULT



Trace Markers

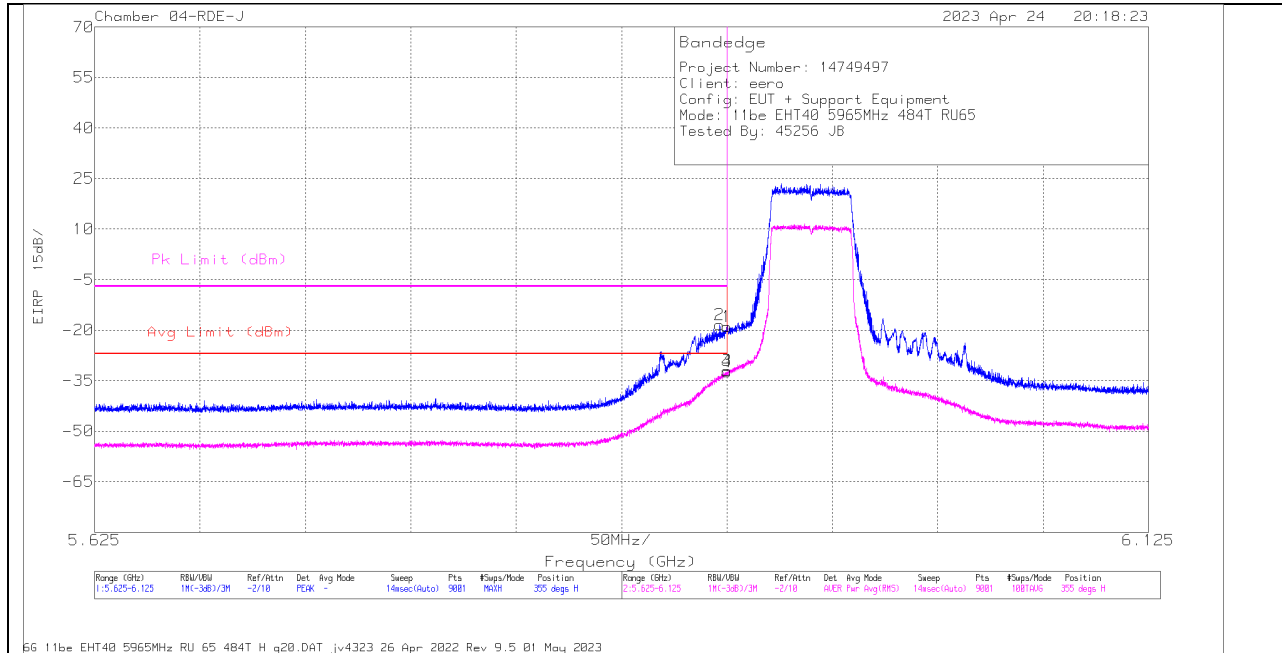
Marker	Frequency (MHz)	Meter Reading (dBm)	Det	222741 ACF(dB) - 3mH	Amp/Cbl/Pad (dB)	Conversion Factor (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Avg Limit (dBm)	RMS Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5925	-66.9	Pk	35	-13.5	11.8	-33.6	-7	-26.6	-	-	350	112	V
2	5924.891	-64.27	Pk	35	-13.5	11.8	-30.97	-7	-23.97	-	-	350	112	V
3	5925	-81.61	RMS	35	-13.5	11.8	-48.22	-	-	-27	-21.22	350	112	V
4	5923.891	-81.41	RMS	35	-13.5	11.8	-48.11	-	-	-27	-21.11	350	112	V

Pk - Peak detector
RMS - RMS detection

2TX Antenna 5 + Antenna 8 OFDMA MODE: 484-Tones, RU 65

BANDEDGE (LOW CHANNEL)

HORIZONTAL RESULT

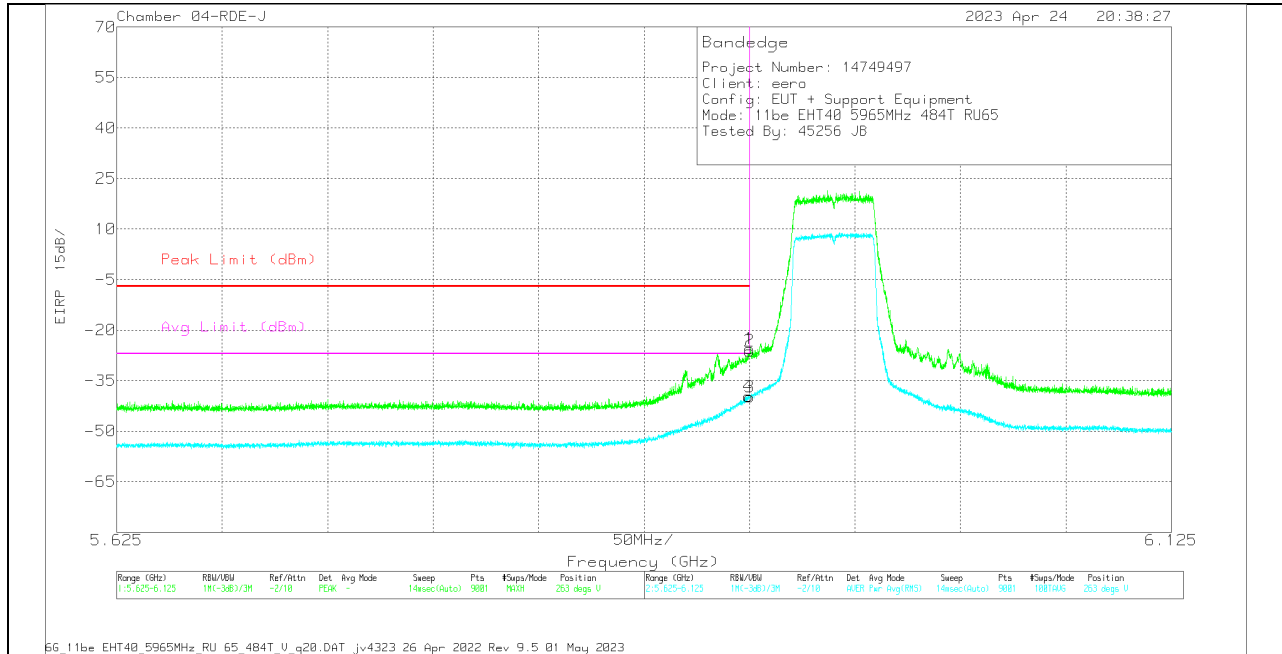


Trace Markers

Marker	Frequency (MHz)	Meter Reading (dBm)	Det	222741 ACF(dB) -3mH	Amp/Cbl/Pad (dB)	Conversion Factor (dB)	Corrected Reading EIRP	Avg Limit (dBm)	RMS Margin (dB)	Pk Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5925	-52.34	Pk	35	-13.5	11.8	-19.04	-	-	-7	-12.04	355	162	H
2	5921.613	-51.75	Pk	35	-13.5	11.8	-18.45	-	-	-7	-11.45	355	162	H
3	5925	-65.28	RMS	35	-13.5	11.8	-31.98	-27	-4.98	-	-	355	162	H
4	5924.947	-65.59	RMS	35	-13.5	11.8	-32.29	-27	-5.29	-	-	355	162	H

Pk - Peak detector
RMS - RMS detection

VERTICAL RESULT



Trace Markers

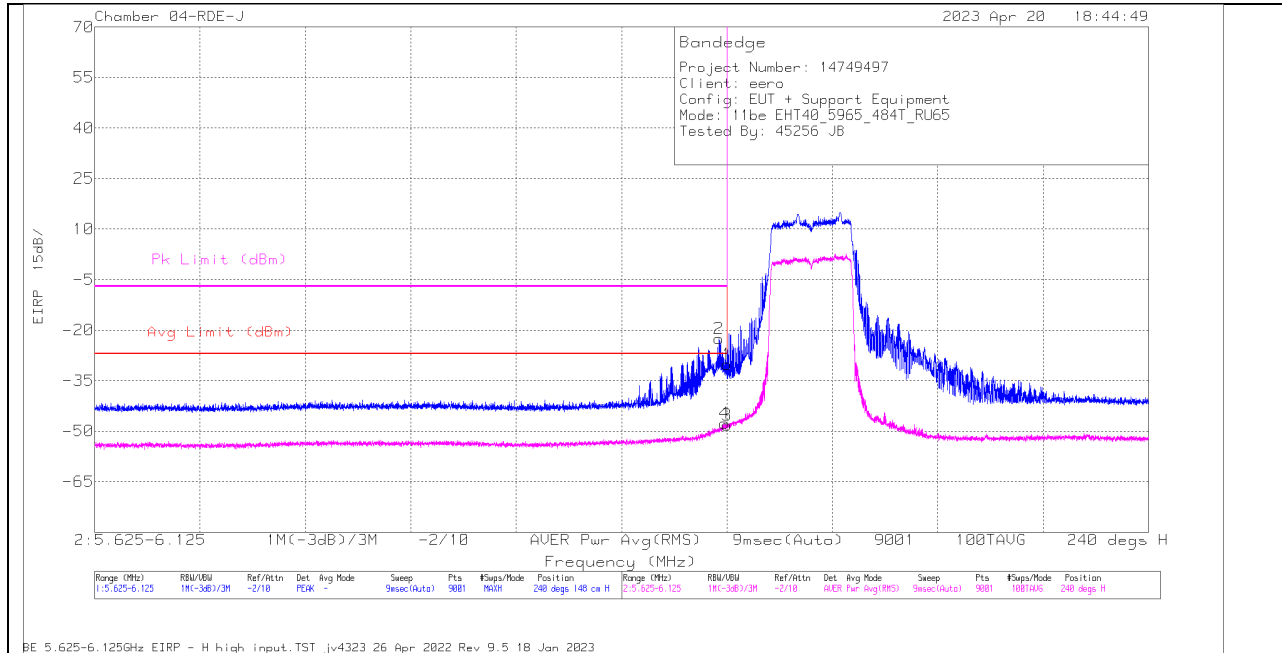
Marker	Frequency (MHz)	Meter Reading (dBm)	Det	22741 ACF(dB) -3mH	Amp/Cbl/Pad (dB)	Conversion Factor (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Avg Limit (dBm)	RMS Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5925	-58.83	Pk	35	-13.5	11.8	-25.53	-7	-18.53	-	-	263	328	V
2	5924.947	-59.44	Pk	35	-13.5	11.8	-26.14	-7	-19.14	-	-	263	328	V
3	5925	-73.11	RMS	35	-13.5	11.8	-39.81	-	-	-27	-12.81	263	328	V
4	5924.558	-72.88	RMS	35	-13.5	11.8	-39.58	-	-	-27	-12.58	263	328	V

Pk - Peak detector
RMS - RMS detection

4TX Antenna 5 + Antenna 8 + Antenna 3 + Antenna 10 OFDMA MODE: 484-Tones, RU 65

BANDEDGE (LOW CHANNEL)

HORIZONTAL RESULT

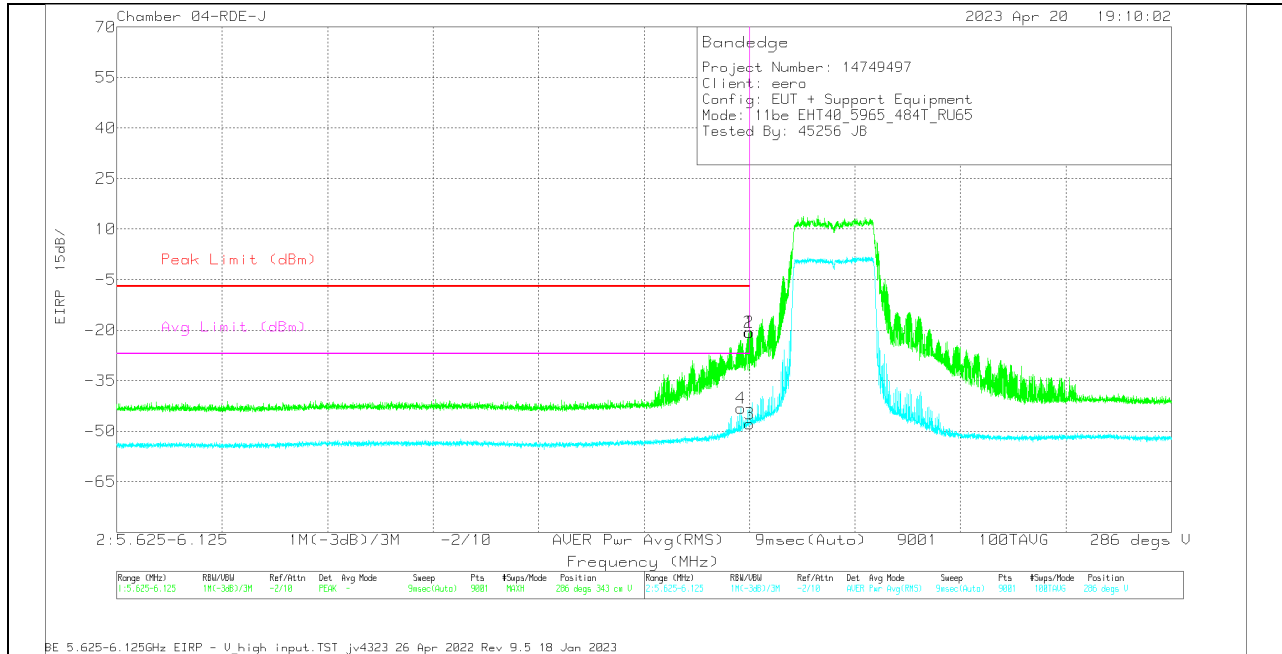


Trace Markers

Marker	Frequency (MHz)	Meter Reading (dBm)	Det	222741 ACF(dB) -3mH	Amp/Cbl/Pad (dB)	Conversion Factor (dB)	Corrected Reading EIRP	Avg Limit (dBm)	RMS Margin (dB)	Pk Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5925	-63.42	Pk	35	-13.5	11.8	-30.12	-	-	-7	-23.12	240	148	H
2	5921.113	-55.89	Pk	35	-13.5	11.8	-22.59	-	-	-7	-15.59	240	148	H
3	5925	-81.52	RMS	35	-13.5	11.8	-48.22	-27	-21.22	-	-	240	148	H
4	5923.78	-80.92	RMS	35	-13.5	11.8	-47.62	-27	-20.62	-	-	240	148	H

Pk - Peak detector
RMS - RMS detection

VERTICAL RESULT



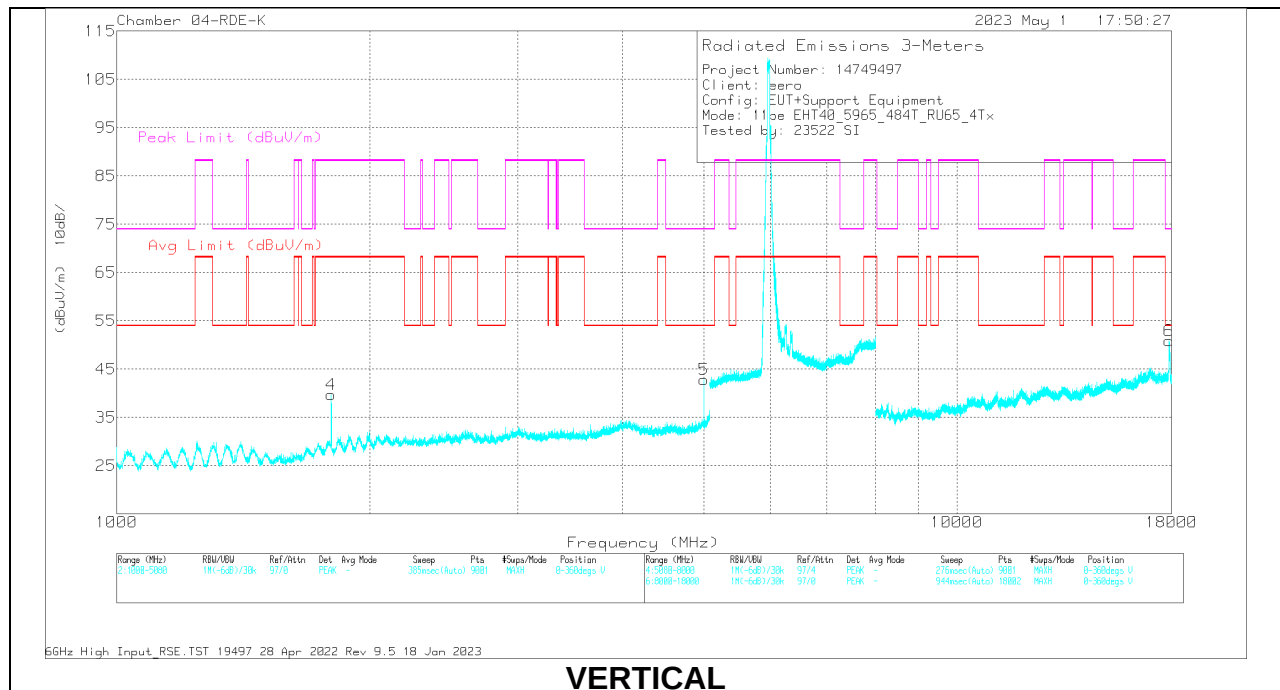
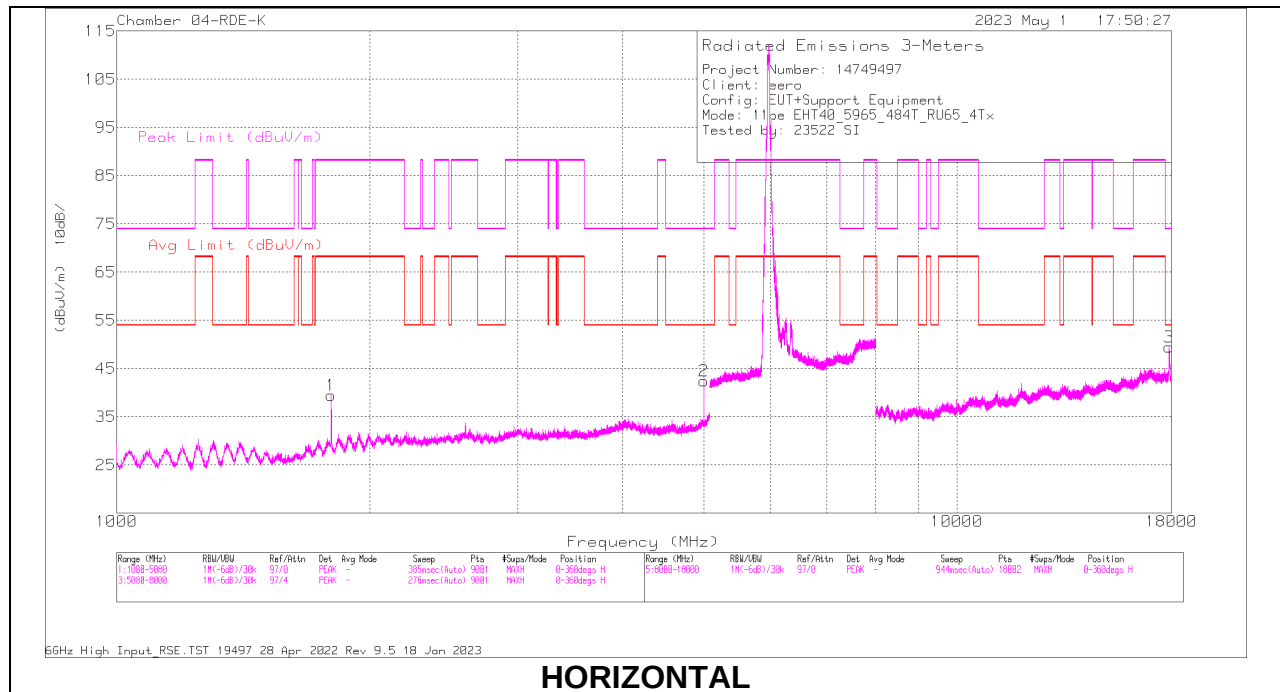
Trace Markers

Marker	Frequency (MHz)	Meter Reading (dBm)	Det	22741 ACF(dB) -3mH	Amp/Cbl/Pad (dB)	Conversion Factor (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Avg Limit (dBm)	RMS Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5925	-53.95	Pk	35	-13.5	11.8	-20.65	-7	-13.65	-	-	286	343	V
2	5924.725	-53.96	Pk	35	-13.5	11.8	-20.66	-7	-13.66	-	-	286	343	V
3	5925	-81.15	RMS	35	-13.5	11.8	-47.85	-	-	-27	-20.85	286	343	V
4	5921.002	-76.53	RMS	35	-13.5	11.8	-43.23	-	-	-27	-16.23	286	343	V

Pk - Peak detector
RMS - RMS detection

HARMONICS AND SPURIOUS EMISSIONS

LOW



RADIATED EMISSIONS

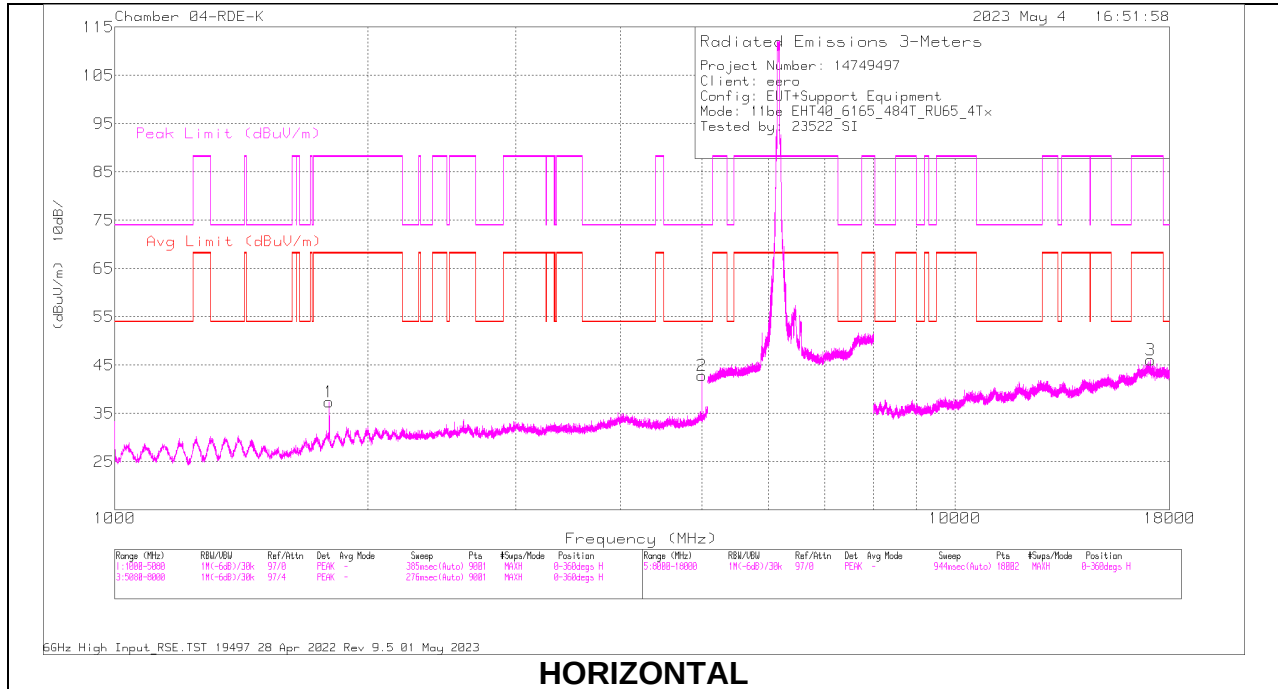
Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	223083 ACF (dB) 3mH	Amp/Cbl/Fitr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	1799.651	61.42	PK-U	30.2	-45.8	45.82	-	-	88.2	-42.38	164	195	H
	1799.981	55.97	ADR	30.2	-45.8	40.37	68.2	-27.83	-	-	164	195	H
2	* 5000.123	54.29	PK-U	33.8	-39	49.09	-	-	74	-24.91	191	112	H
	* 5000.022	48.51	ADR	33.8	-39	43.31	54	-10.69	-	-	191	112	H
4	1799.736	61.83	PK-U	30.2	-45.8	46.23	-	-	88.2	-41.97	178	237	V
	1799.956	56.82	ADR	30.2	-45.8	41.22	68.2	-26.98	-	-	178	237	V
5	* 4999.918	53.26	PK-U	33.8	-39	48.06	-	-	74	-25.94	167	120	V
	* 5000.064	47.69	ADR	33.8	-39	42.49	54	-11.51	-	-	167	120	V
3	* 17886.998	50	PK-U	40.6	-31.3	59.3	-	-	74	-14.7	61	228	H
	* 17888.668	37.61	ADR	40.6	-31.4	46.81	54	-7.19	-	-	61	228	H
6	* 17883.714	50.17	PK-U	40.6	-31.3	59.47	-	-	74	-14.53	213	200	V
	* 17884.381	36.52	ADR	40.6	-31.3	45.82	54	-8.18	-	-	213	200	V

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

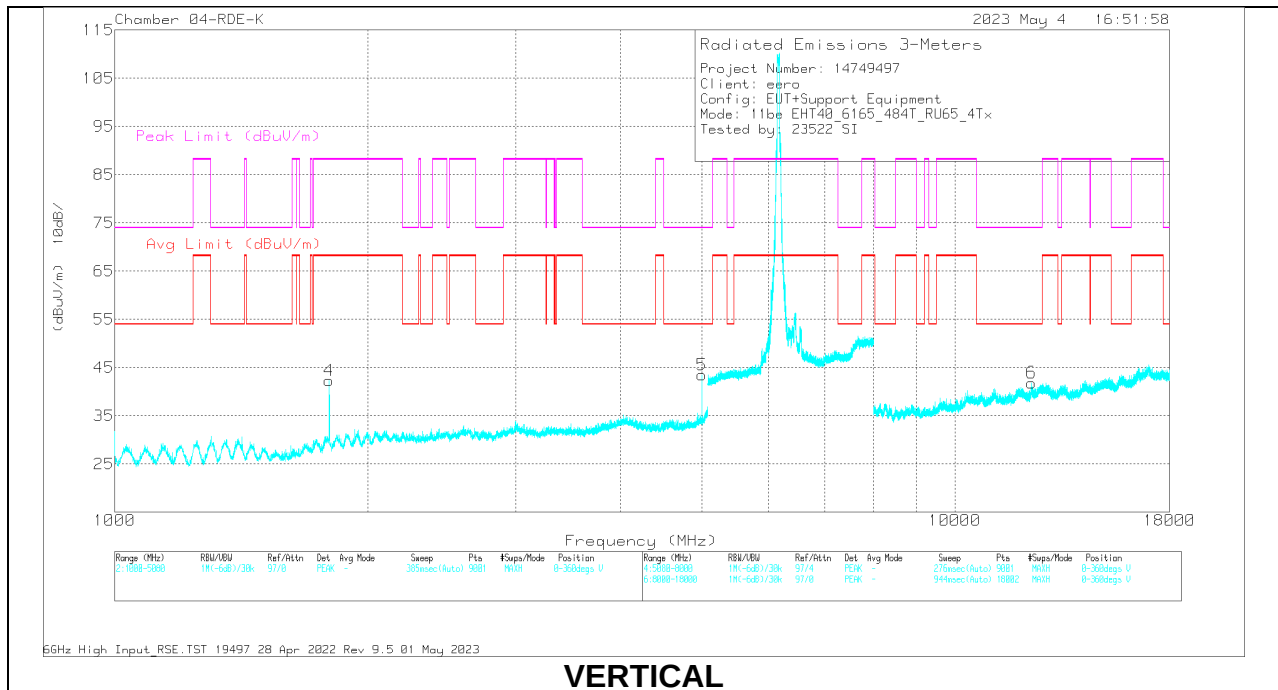
PK-U - U-NII: Maximum Peak

ADR - U-NII AD primary method, RMS average

MID



HORIZONTAL



VERTICAL

RADIATED EMISSIONS

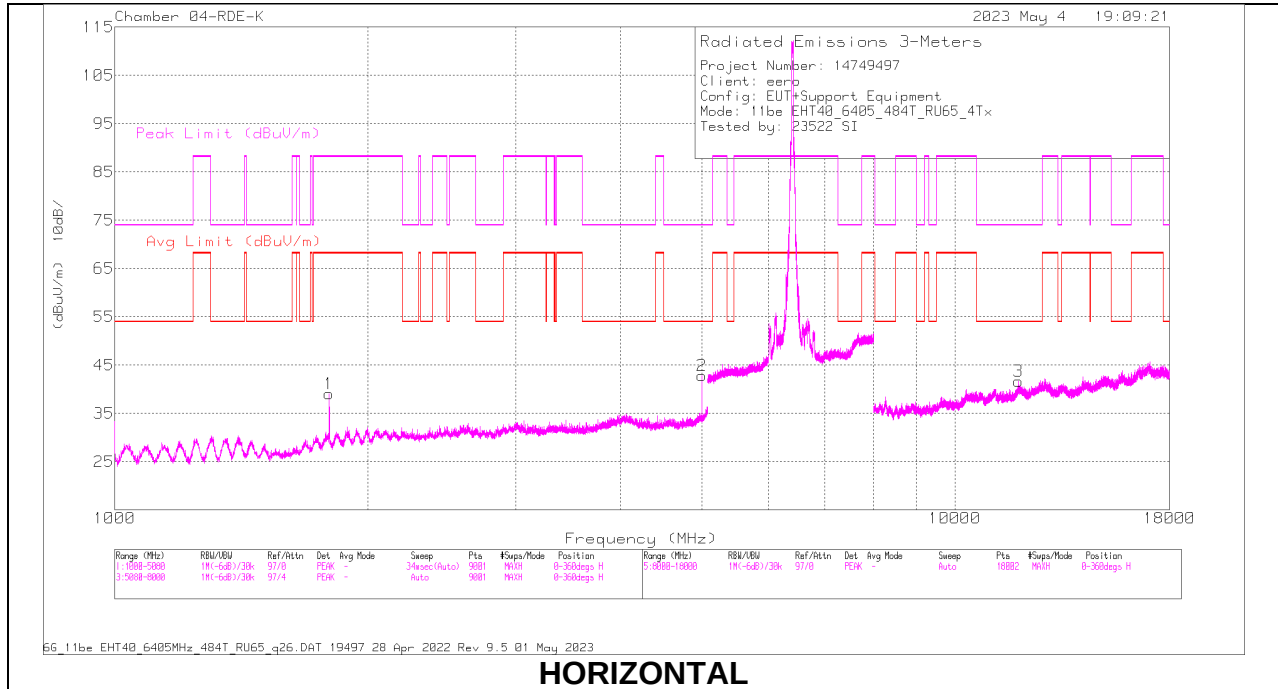
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	223083 ACF (dB) 3mH	Amp/Cbl/Fitr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	1800.069	61.76	PK-U	30.2	-45.8	46.16	-	-	88.2	-42.04	161	193	H
	1800.003	56.19	ADR	30.2	-45.8	40.59	68.2	-27.61	-	-	161	193	H
2	* 4999.978	54.26	PK-U	33.8	-39	49.06	-	-	74	-24.94	217	241	H
	* 4999.977	48.91	ADR	33.8	-39	43.71	54	-10.29	-	-	217	241	H
4	1800.163	62.46	PK-U	30.2	-45.8	46.86	-	-	88.2	-41.34	181	281	V
	1799.918	57.57	ADR	30.2	-45.8	41.97	68.2	-26.23	-	-	181	281	V
3	* 5000.061	54.68	PK-U	33.8	-39	49.48	-	-	74	-24.52	167	120	V
	* 5000.046	49.42	ADR	33.8	-39	44.22	54	-9.78	-	-	167	120	V
5	17085.724	44.23	PK-U	41.5	-32.5	53.23	-	-	88.2	-34.97	352	293	H
	17086.194	32.94	ADR	41.5	-32.5	41.94	68.2	-26.26	-	-	352	293	H
6	* 12334.271	47.69	PK-U	39	-34.5	52.19	-	-	74	-21.81	11	121	V
	* 12335.757	34.86	ADR	39	-34.4	39.46	54	-14.54	-	-	11	121	V

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

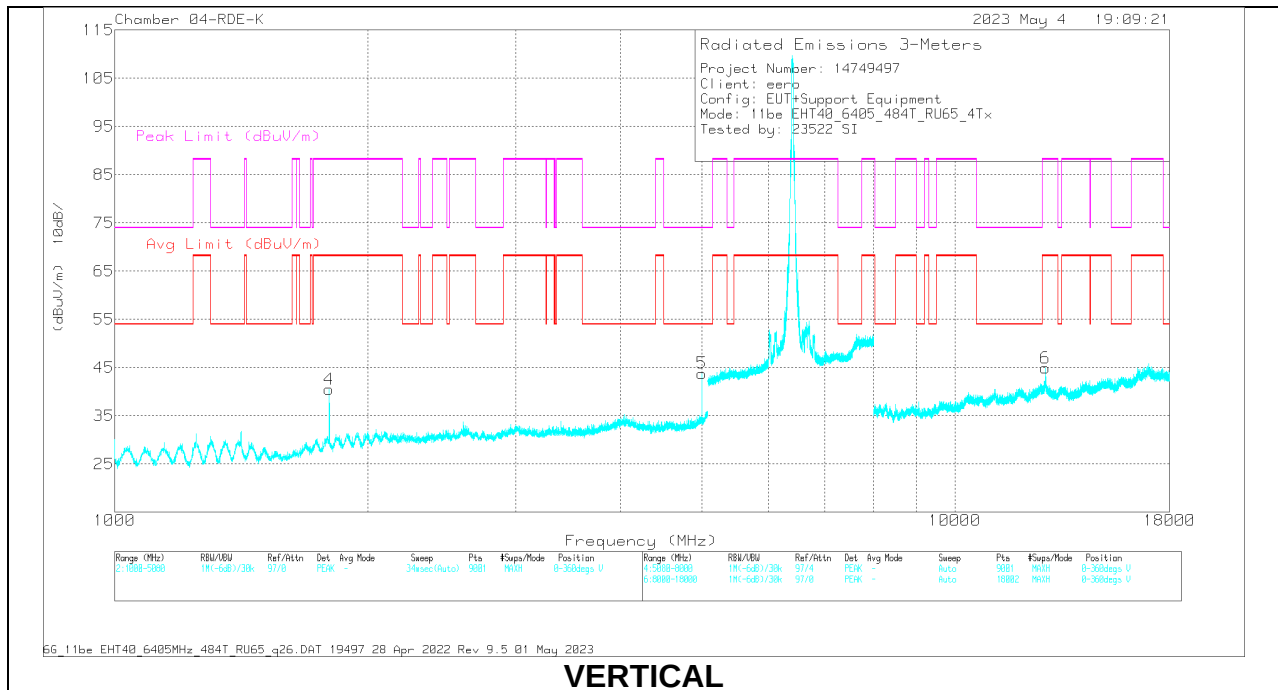
PK-U - U-NII: Maximum Peak

ADR - U-NII AD primary method, RMS average

HIGH



HORIZONTAL



VERTICAL

RADIATED EMISSIONS

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	223083 ACF (dB) 3mH	Ampl/Cbl/Fitr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	1800.01	60.96	PK-U	30.2	-45.8	45.36	-	-	88.2	-42.84	165	233	H
	1799.867	54.97	ADR	30.2	-45.8	39.37	68.2	-28.83	-	-	165	233	H
2	* 5000.076	54.17	PK-U	33.8	-39	48.97	-	-	74	-25.03	218	269	H
	* 4999.99	48.98	ADR	33.8	-39	43.78	54	-10.22	-	-	218	269	H
4	1799.927	62.94	PK-U	30.2	-45.8	47.34	-	-	88.2	-40.86	183	235	V
	1800.031	58.47	ADR	30.2	-45.8	42.87	68.2	-25.33	-	-	183	235	V
5	* 4999.942	54.68	PK-U	33.8	-39	49.48	-	-	74	-24.52	168	167	V
	* 5000.072	49.58	ADR	33.8	-39	44.38	54	-9.62	-	-	168	167	V
3	* 11892.005	45.43	PK-U	38.5	-34.8	49.13	-	-	74	-24.87	291	204	H
	* 11893.311	33.96	ADR	38.5	-34.9	37.56	54	-16.44	-	-	291	204	H
6	12810.186	49.52	PK-U	39.4	-34.4	54.52	-	-	88.2	-33.68	44	159	V
	12809.959	36.85	ADR	39.4	-34.4	41.85	68.2	-26.35	-	-	44	159	V

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

PK-U - U-NII: Maximum Peak

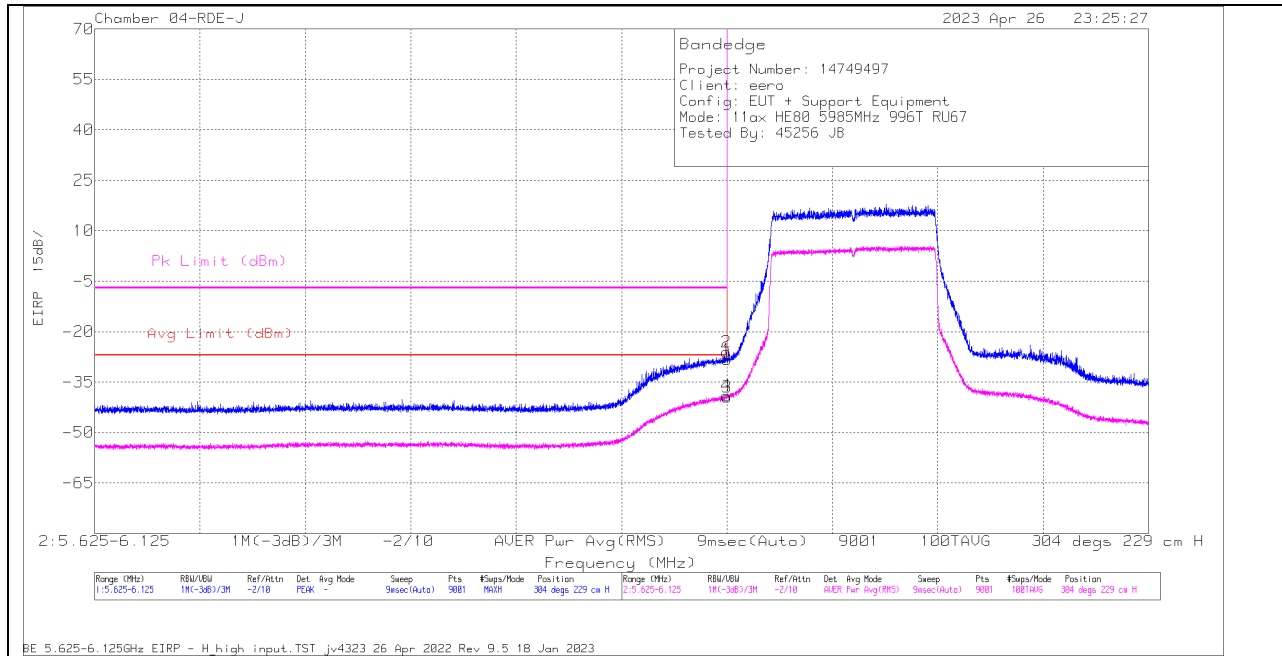
ADR - U-NII AD primary method, RMS average

10.1.5. TX ABOVE 1 GHz 802.11ax HE80 MODE IN THE UNII-5 BAND

1TX Antenna 5 OFDMA MODE: 996-Tones, RU 67

BANDEDGE (LOW CHANNEL)

HORIZONTAL RESULT

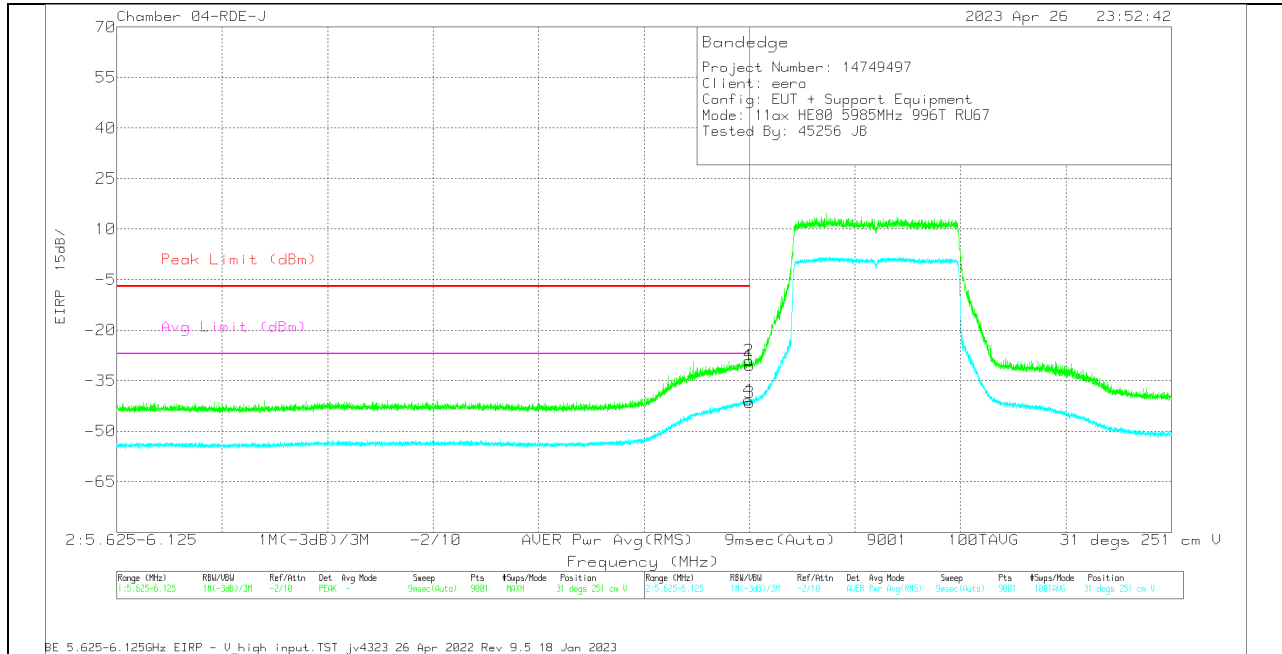


Trace Markers

Marker	Frequency (MHz)	Meter Reading (dBm)	Det	222741 ACF(dB) - 3mH	Amp/Cbl/Pad (dB)	Conversion Factor (dB)	Corrected Reading EIRP	Avg Limit (dBm)	RMS Margin (dB)	Pk Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5925	-61.64	Pk	35	-13.5	11.8	-28.34	-	-	-7	-21.34	304	229	H
2	5924.78	-59.37	Pk	35	-13.5	11.8	-26.07	-	-	-7	-19.07	304	229	H
3	5925	-72.78	RMS	35	-13.5	11.8	-39.48	-27	-12.48	-	-	304	229	H
4	5924.614	-72.34	RMS	35	-13.5	11.8	-39.04	-27	-12.04	-	-	304	229	H

Pk - Peak detector
RMS - RMS detection

VERTICAL RESULT



Trace Markers

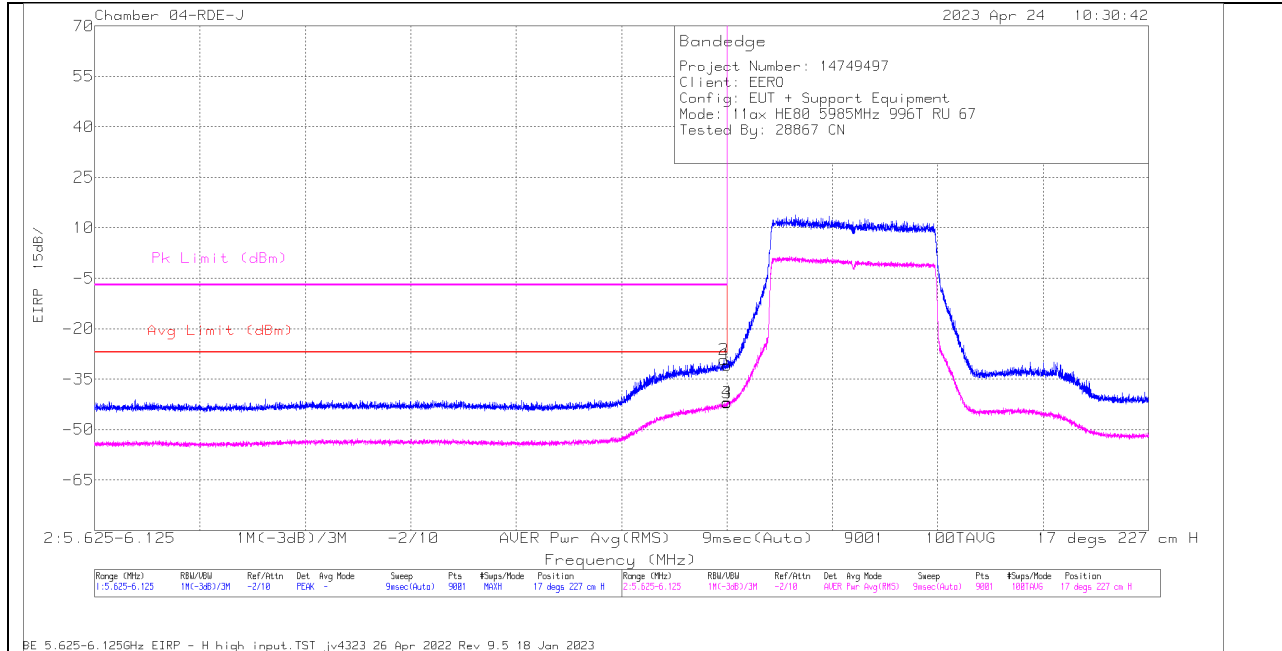
Marker	Frequency (MHz)	Meter Reading (dBm)	Det	222741 ACF(dB) - 3mH	Amp/Cbl/Pad (dB)	Conversion Factor (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Avg Limit (dBm)	RMS Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5925	-63.78	Pk	35	-13.5	11.8	-30.48	-7	-23.48	-	-	31	251	V
2	5924.78	-62.31	Pk	35	-13.5	11.8	-29.01	-7	-22.01	-	-	31	251	V
3	5925	-74.76	RMS	35	-13.5	11.8	-41.46	-	-	-27	-14.46	31	251	V
4	5924.447	-74	RMS	35	-13.5	11.8	-40.7	-	-	-27	-13.7	31	251	V

Pk - Peak detector
RMS - RMS detection

2TX Antenna 5 + Antenna 8 OFDMA MODE: 996-Tones, RU 67

BANDEDGE (LOW CHANNEL)

HORIZONTAL RESULT

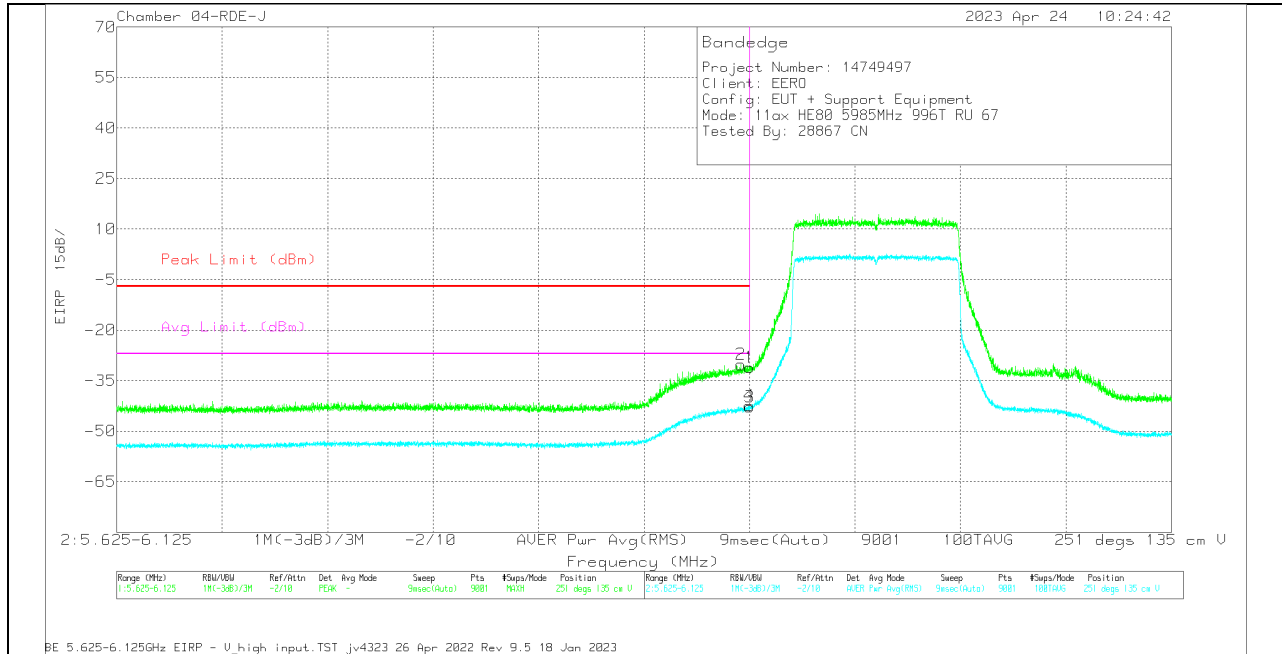


Trace Markers

Marker	Frequency (MHz)	Meter Reading (dBm)	Det	222741 ACF(dB) - 3mH	Amp/Cbl/Pad (dB)	Conversion Factor (dB)	Corrected Reading EIRP	Avg Limit (dBm)	RMS Margin (dB)	Pk Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5925	-64.2	Pk	35	-13.5	11.8	-30.9	-	-	-7	-23.9	17	227	H
2	5923.447	-62.52	Pk	35	-13.5	11.8	-29.22	-	-	-7	-22.22	17	227	H
3	5925	-75.42	RMS	35	-13.5	11.8	-42.12	-27	-15.12	-	-	17	227	H
4	5924.947	-75.15	RMS	35	-13.5	11.8	-41.85	-27	-14.85	-	-	17	227	H

Pk - Peak detector
RMS - RMS detection

VERTICAL RESULT



Trace Markers

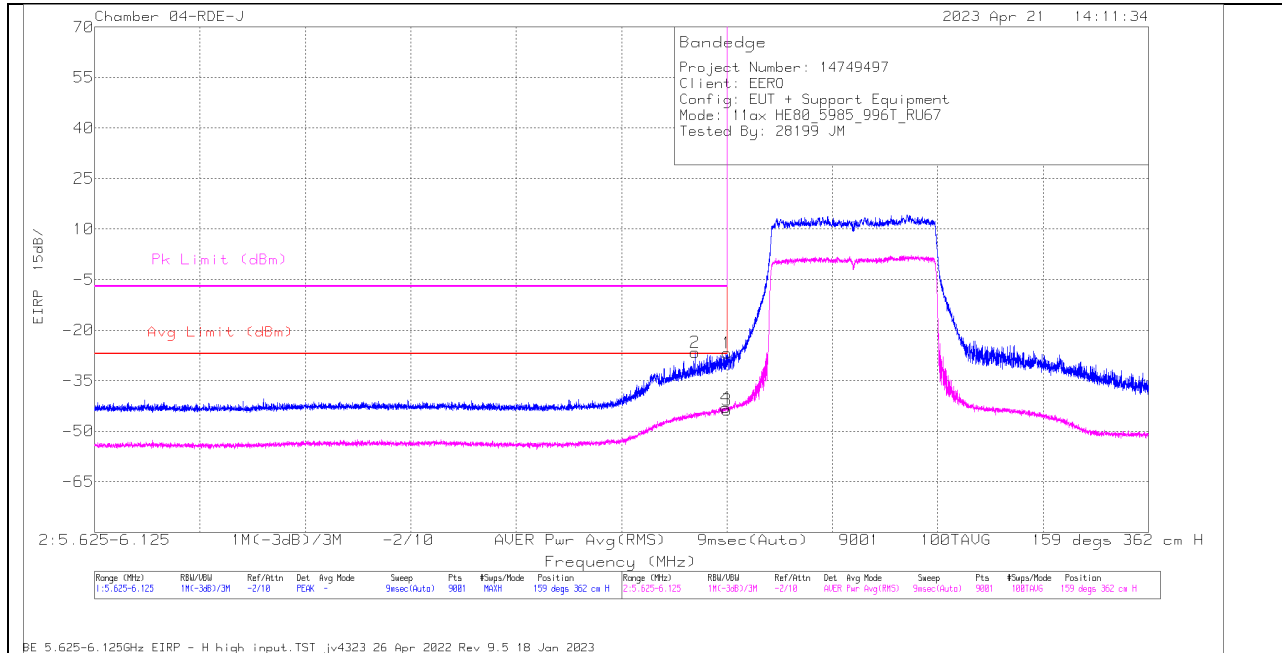
Marker	Frequency (MHz)	Meter Reading (dBm)	Det	222741 ACF(dB) - 3mH	Amp/Cbl/Pad (dB)	Conversion Factor (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Avg Limit (dBm)	RMS Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5925	-64.36	Pk	35	-13.5	11.8	-31.06	-7	-24.06	-	-	251	135	V
2	5920.891	-63.53	Pk	35	-13.5	11.8	-30.23	-7	-23.23	-	-	251	135	V
3	5925	-76.06	RMS	35	-13.5	11.8	-42.76	-	-	-27	-15.76	251	135	V
4	5924.891	-75.66	RMS	35	-13.5	11.8	-42.36	-	-	-27	-15.36	251	135	V

Pk - Peak detector
RMS - RMS detection

4TX Antenna 5 + Antenna 8 + Antenna 3 + Antenna 10 OFDMA MODE: 996-Tones, RU 67

BANDEDGE (LOW CHANNEL)

HORIZONTAL RESULT

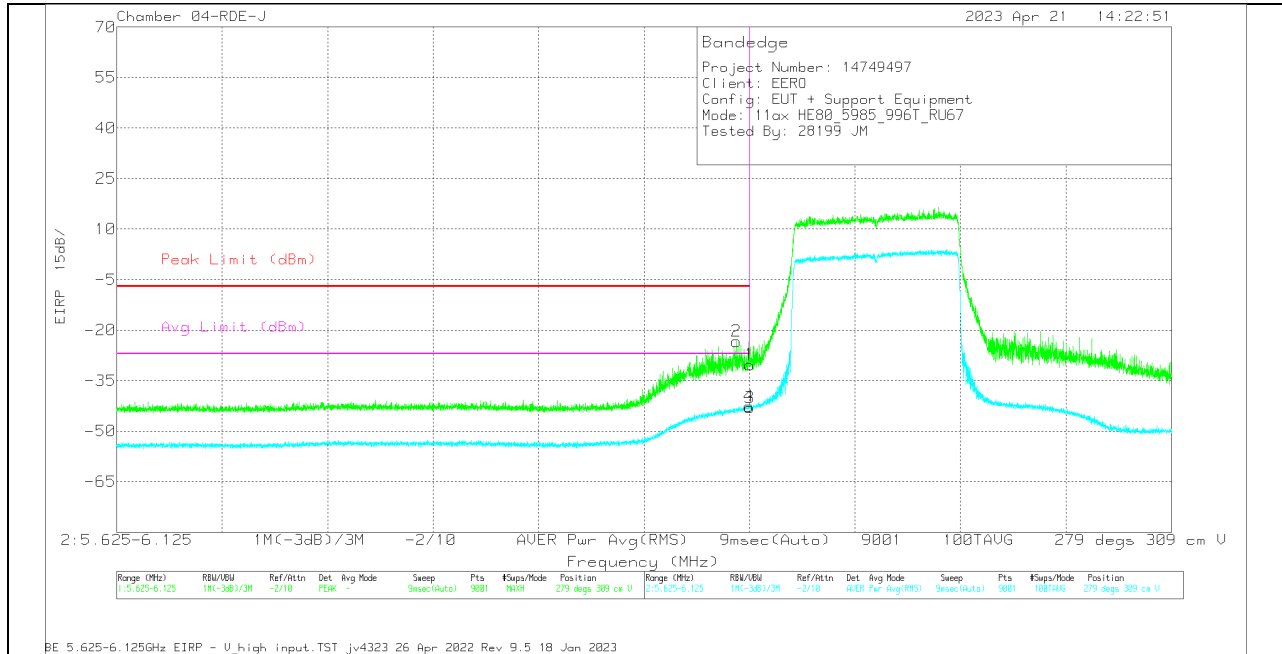


Trace Markers

Marker	Frequency (MHz)	Meter Reading (dBm)	Det	222741 ACF(dB) - 3mH	Amp/Cbl/Pad (dB)	Conversion Factor (dB)	Corrected Reading EIRP	Avg Limit (dBm)	RMS Margin (dB)	Pk Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5925	-60.1	Pk	35	-13.5	11.8	-26.8	-	-	-7	-19.8	159	362	H
2	5909.836	-59.55	Pk	34.9	-13.7	11.8	-26.55	-	-	-7	-19.55	159	362	H
3	5925	-77.03	RMS	35	-13.5	11.8	-43.73	-27	-16.73	-	-	159	362	H
4	5924.447	-76.29	RMS	35	-13.5	11.8	-42.99	-27	-15.99	-	-	159	362	H

Pk - Peak detector
RMS - RMS detection

VERTICAL RESULT



Trace Markers

Marker	Frequency (MHz)	Meter Reading (dBm)	Det	222741 ACF(dB) - 3mH	Amp/Cbl/Pad (dB)	Conversion Factor (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Avg Limit (dBm)	RMS Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5925	-63.54	Pk	35	-13.5	11.8	-30.24	-7	-23.24	-	-	279	309	V
2	5918.78	-56.54	Pk	35	-13.6	11.8	-23.34	-7	-16.34	-	-	279	309	V
3	5925	-76.35	RMS	35	-13.5	11.8	-43.05	-	-	-27	-16.05	279	309	V
4	5924.614	-75.92	RMS	35	-13.5	11.8	-42.62	-	-	-27	-15.62	279	309	V

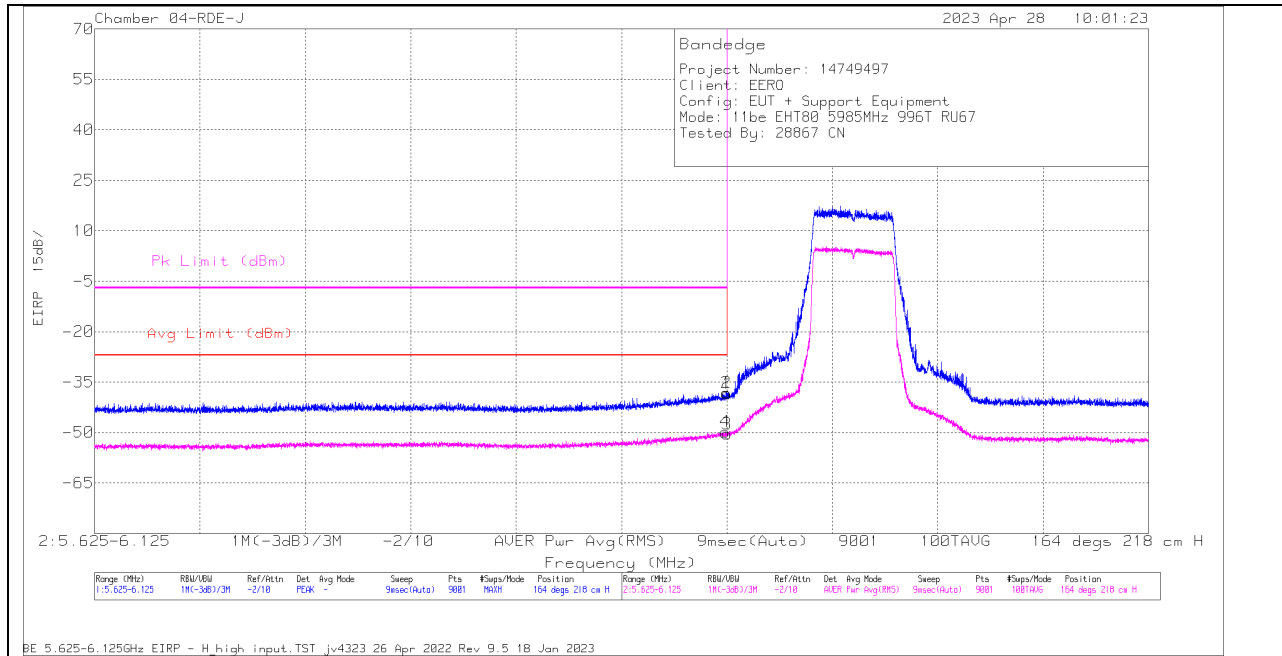
Pk - Peak detector
RMS - RMS detection

10.1.6. TX ABOVE 1 GHz 802.11be EHT80 MODE IN THE UNII-5 BAND

1TX Antenna 5 OFDMA MODE: 996-Tones, RU 67

BANDEDGE (LOW CHANNEL)

HORIZONTAL RESULT

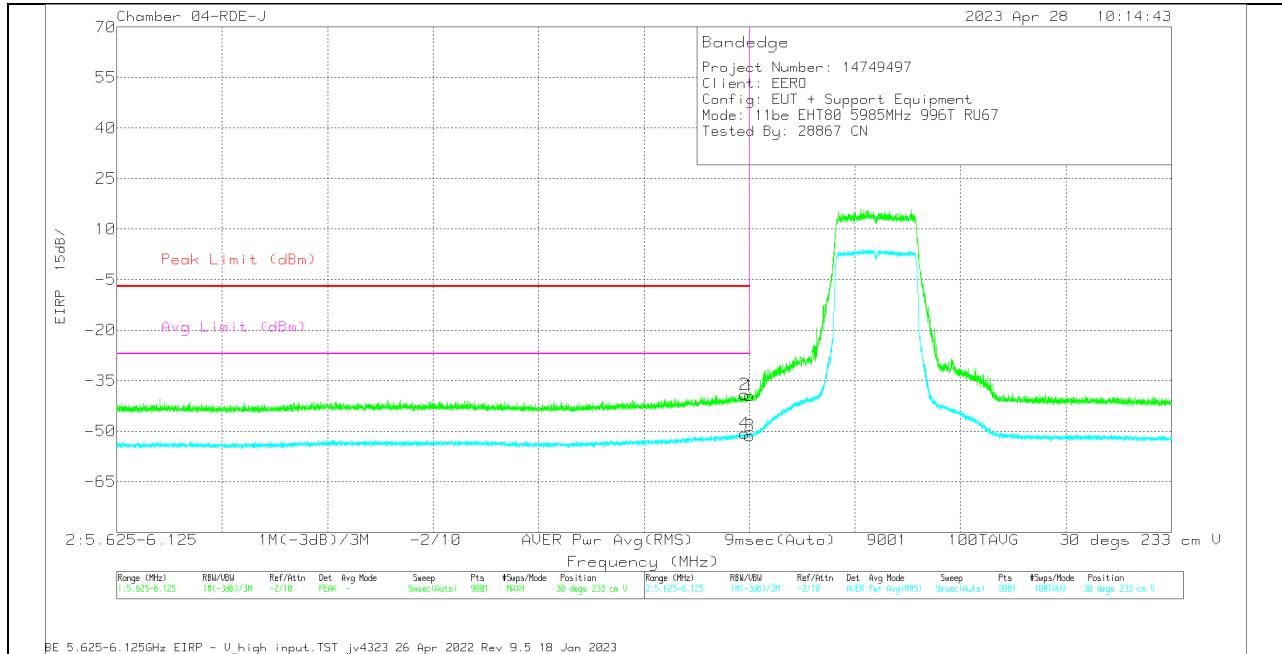


Trace Markers

Marker	Frequency (MHz)	Meter Reading (dBm)	Det	222741 ACF(dB) - 3mH	Amp/Cbl/Pad (dB)	Conversion Factor (dB)	Corrected Reading EIRP	Avg Limit (dBm)	RMS Margin (dB)	Pk Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5925	-71.73	Pk	35	-13.5	11.8	-38.43	-	-	-7	-31.43	164	218	H
2	5924.836	-71.39	Pk	35	-13.5	11.8	-38.09	-	-	-7	-31.09	164	218	H
3	5925	-83.73	RMS	35	-13.5	11.8	-50.43	-27	-23.43	-	-	164	218	H
4	5924.225	-83.09	RMS	35	-13.5	11.8	-49.79	-27	-22.79	-	-	164	218	H

Pk - Peak detector
RMS - RMS detection

VERTICAL RESULT



Trace Markers

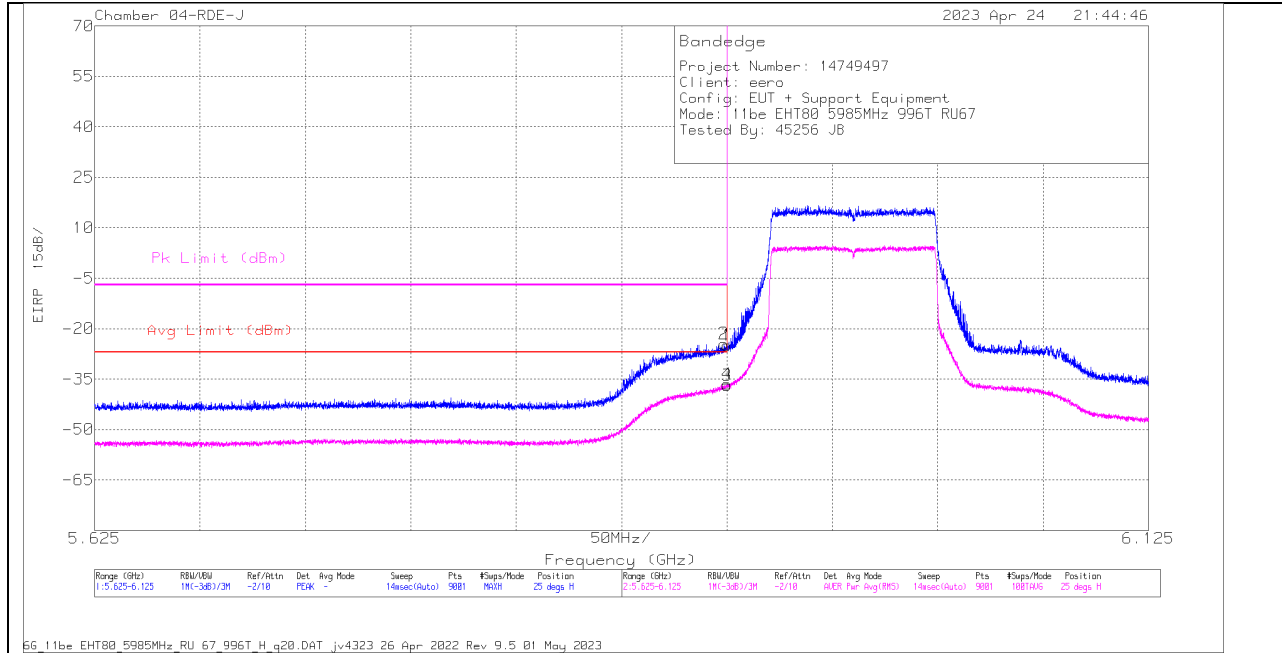
Marker	Frequency (MHz)	Meter Reading (dBm)	Det	222741 ACF(dB) -3mH	Amp/Cbl/Pad (dB)	Conversion Factor (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Avg Limit (dBm)	RMS Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5925	-72.72	Pk	35	-13.5	11.8	-39.42	-7	-32.42	-	-	30	233	V
2	5922.725	-72.31	Pk	35	-13.5	11.8	-39.01	-7	-32.01	-	-	30	233	V
3	5925	-84.71	RMS	35	-13.5	11.8	-51.41	-	-	-27	-24.41	30	233	V
4	5922.669	-83.91	RMS	35	-13.5	11.8	-50.61	-	-	-27	-23.61	30	233	V

Pk - Peak detector
RMS - RMS detection

2TX Antenna 5 + Antenna 8 OFDMA MODE: 996-Tones, RU 67

BANDEDGE (LOW CHANNEL)

HORIZONTAL RESULT

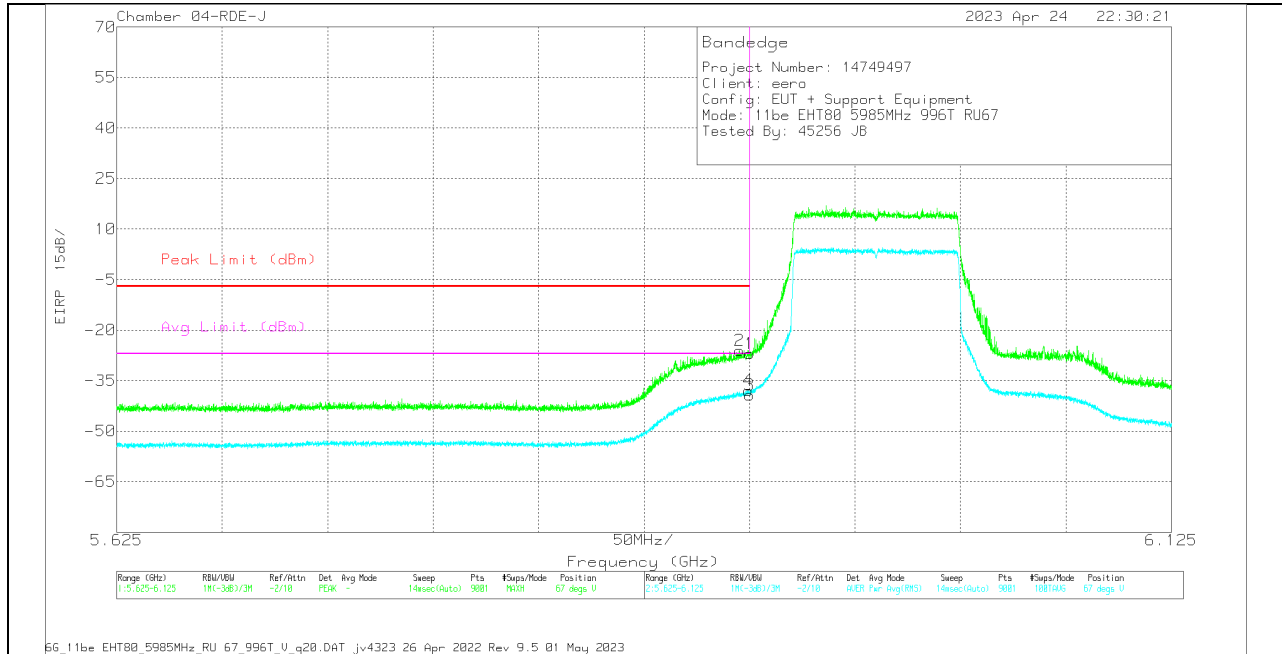


Trace Markers

Marker	Frequency (MHz)	Meter Reading (dBm)	Det	222741 ACF(dB) - 3mH	Amp/Cbl/Pad (dB)	Conversion Factor (dB)	Corrected Reading EIRP	Avg Limit (dBm)	RMS Margin (dB)	Pk Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5925	-58.17	Pk	35	-13.5	11.8	-24.87	-	-	-7	-17.87	25	292	H
2	5923.614	-57.77	Pk	35	-13.5	11.8	-24.47	-	-	-7	-17.47	25	292	H
3	5925	-70.23	RMS	35	-13.5	11.8	-36.93	-27	-9.93	-	-	25	292	H
4	5924.947	-69.73	RMS	35	-13.5	11.8	-36.43	-27	-9.43	-	-	25	292	H

Pk - Peak detector
RMS - RMS detection

VERTICAL RESULT



Trace Markers

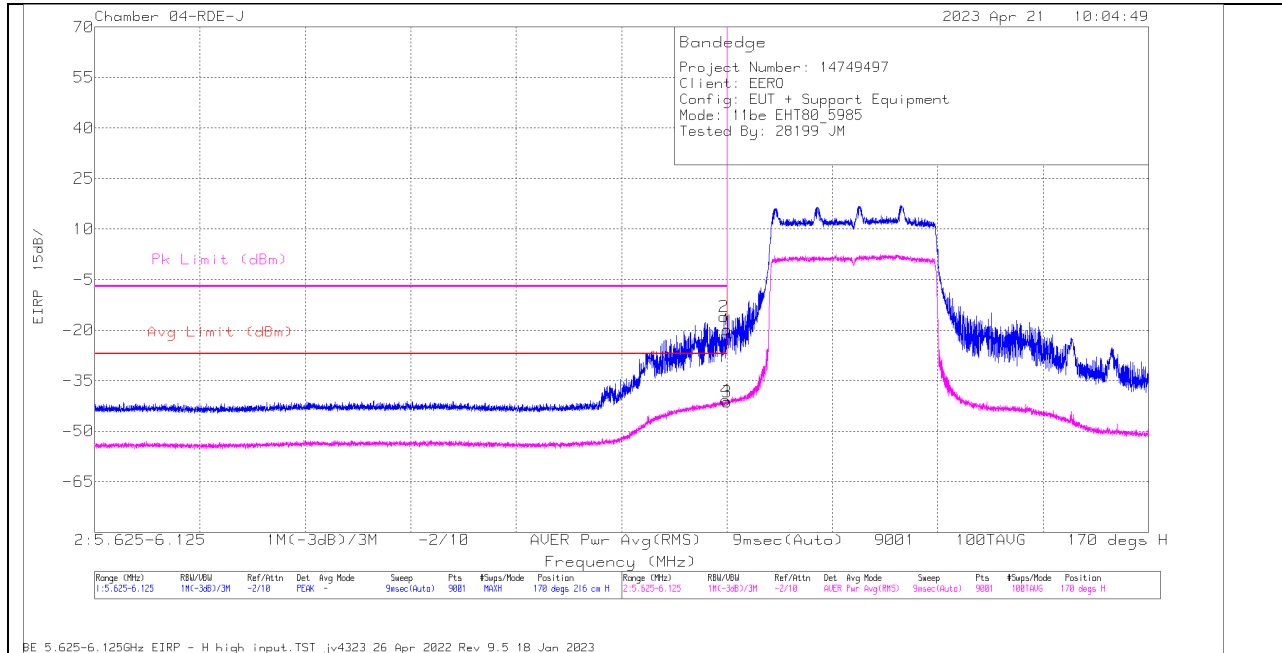
Marker	Frequency (MHz)	Meter Reading (dBm)	Det	222741 ACF(dB) -3mH	Amp/Cbl/Pad (dB)	Conversion Factor (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Avg Limit (dBm)	RMS Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5925	-60.3	Pk	35	-13.5	11.8	-27	-7	-20	-	-	67	297	V
2	5920.225	-59.22	Pk	35	-13.6	11.8	-26.02	-7	-19.02	-	-	67	297	V
3	5925	-72.49	RMS	35	-13.5	11.8	-39.19	-	-	-27	-12.19	67	297	V
4	5924.558	-71.18	RMS	35	-13.5	11.8	-37.88	-	-	-27	-10.88	67	297	V

Pk - Peak detector
RMS - RMS detection

4TX Antenna 5 + Antenna 8 + Antenna 3 + Antenna 10 OFDMA MODE: 996-Tones, RU 67

BANDEDGE (LOW CHANNEL)

HORIZONTAL RESULT

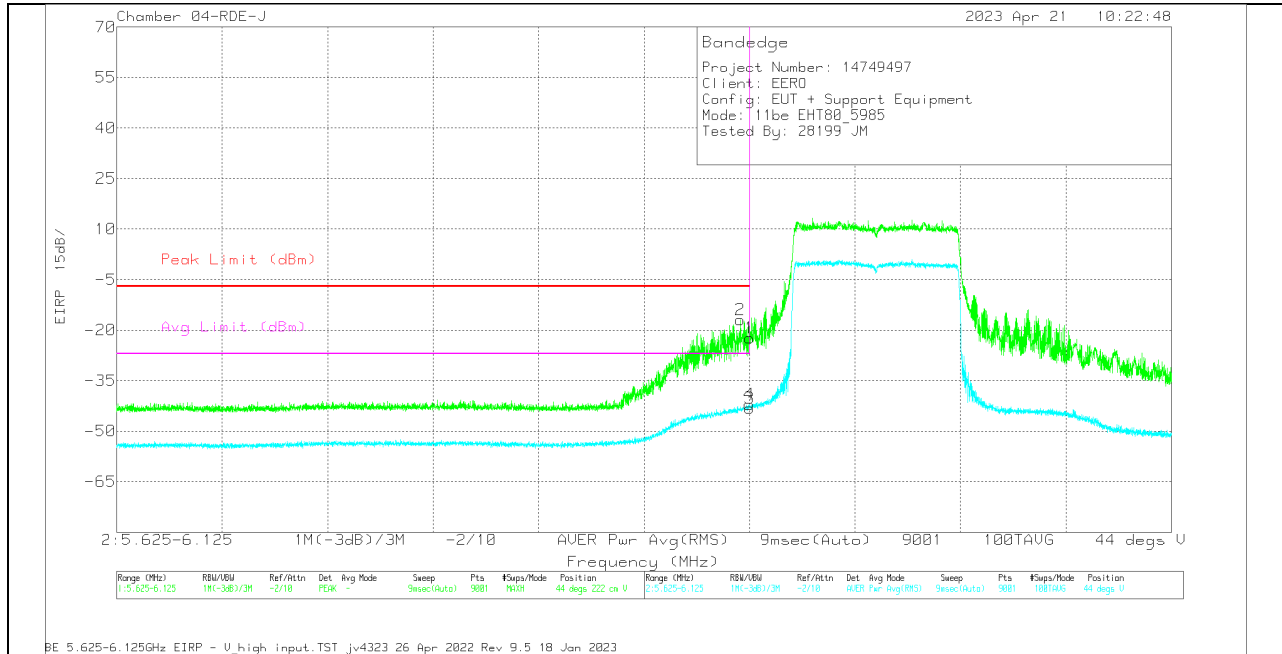


Trace Markers

Marker	Frequency (MHz)	Meter Reading (dBm)	Det	222741 ACF(dB) -3mH	Amp/Cbl/Pad (dB)	Conversion Factor (dB)	Corrected Reading EIRP	Avg Limit (dBm)	RMS Margin (dB)	Pk Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5925	-53.12	Pk	35	-13.5	11.8	-19.82	-	-	-7	-12.82	170	216	H
2	5923.614	-49.32	Pk	35	-13.5	11.8	-16.02	-	-	-7	-9.02	170	216	H
3	5925	-74.58	RMS	35	-13.5	11.8	-41.28	-27	-14.28	-	-	170	216	H
4	5924.447	-74.14	RMS	35	-13.5	11.8	-40.84	-27	-13.84	-	-	170	216	H

Pk - Peak detector
RMS - RMS detection

VERTICAL RESULT



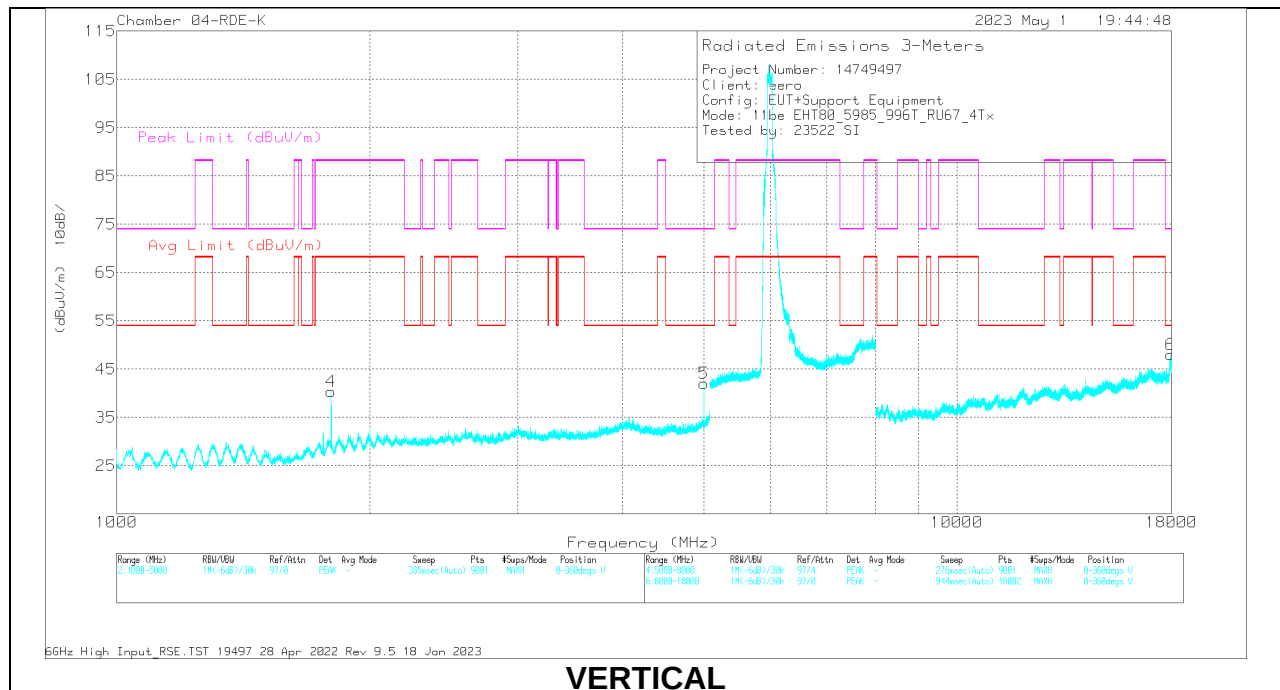
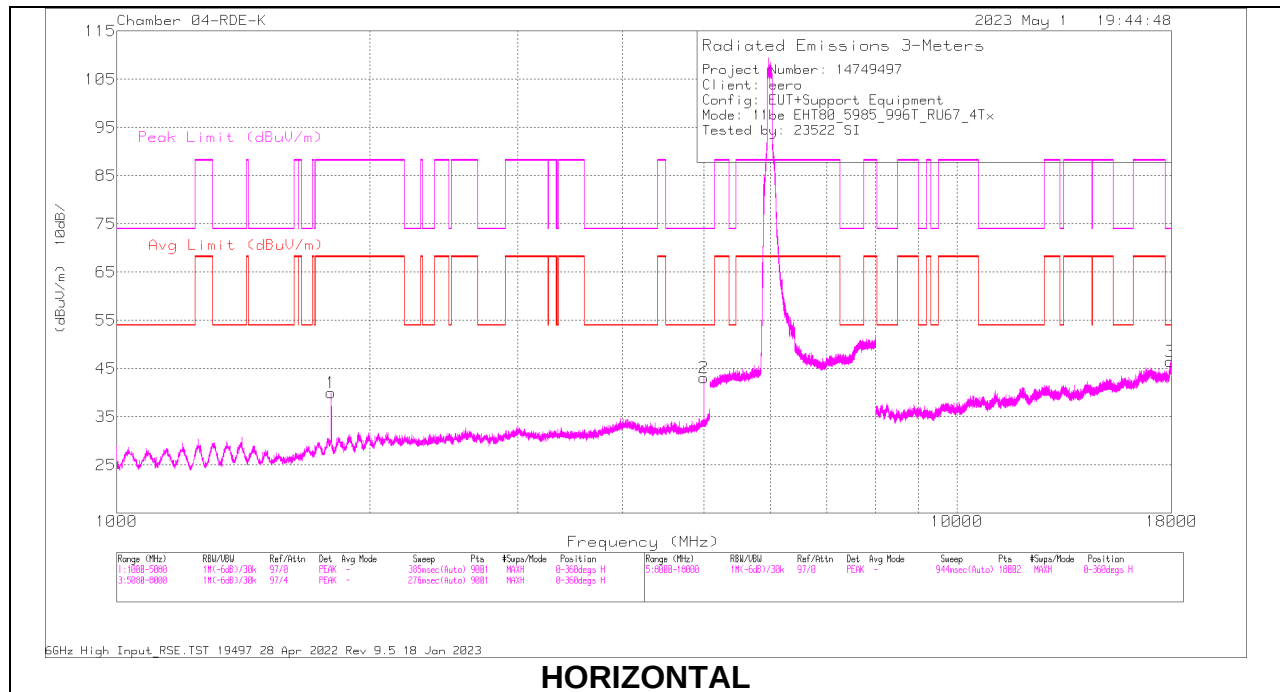
Trace Markers

Marker	Frequency (MHz)	Meter Reading (dBm)	Det	222741 ACF(dB) - 3mH	Amp/Cbl/Pad (dB)	Conversion Factor (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Avg Limit (dBm)	RMS Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5925	-55.57	Pk	35	-13.5	11.8	-22.27	-7	-15.27	-	-	44	222	V
2	5920.502	-50.2	Pk	35	-13.5	11.8	-16.9	-7	-9.9	-	-	44	222	V
3	5925	-76.52	RMS	35	-13.5	11.8	-43.22	-	-	-27	-16.22	44	222	V
4	5924.891	-75.44	RMS	35	-13.5	11.8	-42.14	-	-	-27	-15.14	44	222	V

PK - Peak detector
RMS - RMS detection

HARMONICS AND SPURIOUS EMISSIONS

LOW



RADIATED EMISSIONS

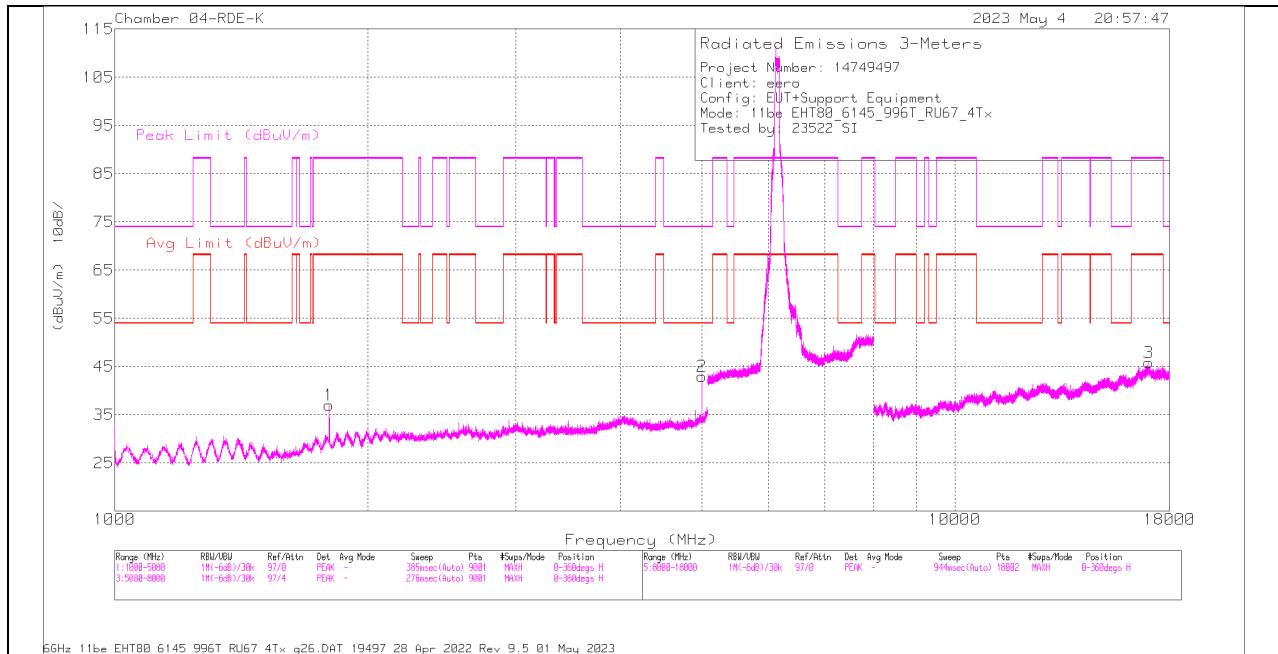
Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	223083 ACF (dB) 3mH	Amp/Cbl/Filtr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	1800.012	60.98	PK-U	30.2	-45.8	45.38	-	-	88.2	-42.82	166	198	H
	1799.989	55.53	ADR	30.2	-45.8	39.93	68.2	-28.27	-	-	166	198	H
2	* 5000.007	53.65	PK-U	33.8	-39	48.45	-	-	74	-25.55	187	105	H
	* 4999.997	48.59	ADR	33.8	-39	43.39	54	-10.61	-	-	187	105	H
4	1800.125	61.31	PK-U	30.2	-45.8	45.71	-	-	88.2	-42.49	178	249	V
	1799.935	56.14	ADR	30.2	-45.8	40.54	68.2	-27.66	-	-	178	249	V
5	* 4999.977	53.93	PK-U	33.8	-39	48.73	-	-	74	-25.27	162	151	V
	* 4999.968	48.51	ADR	33.8	-39	43.31	54	-10.69	-	-	162	151	V
3	* 17937.495	46.92	PK-U	40.6	-31.4	56.12	-	-	74	-17.88	81	115	H
	* 17934.88	35.56	ADR	40.6	-31.3	44.86	54	-9.14	-	-	81	115	H
6	* 17966.938	49.72	PK-U	40.7	-31	59.42	-	-	74	-14.58	4	157	V
	* 17965.935	37.14	ADR	40.7	-31	46.84	54	-7.16	-	-	4	157	V

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

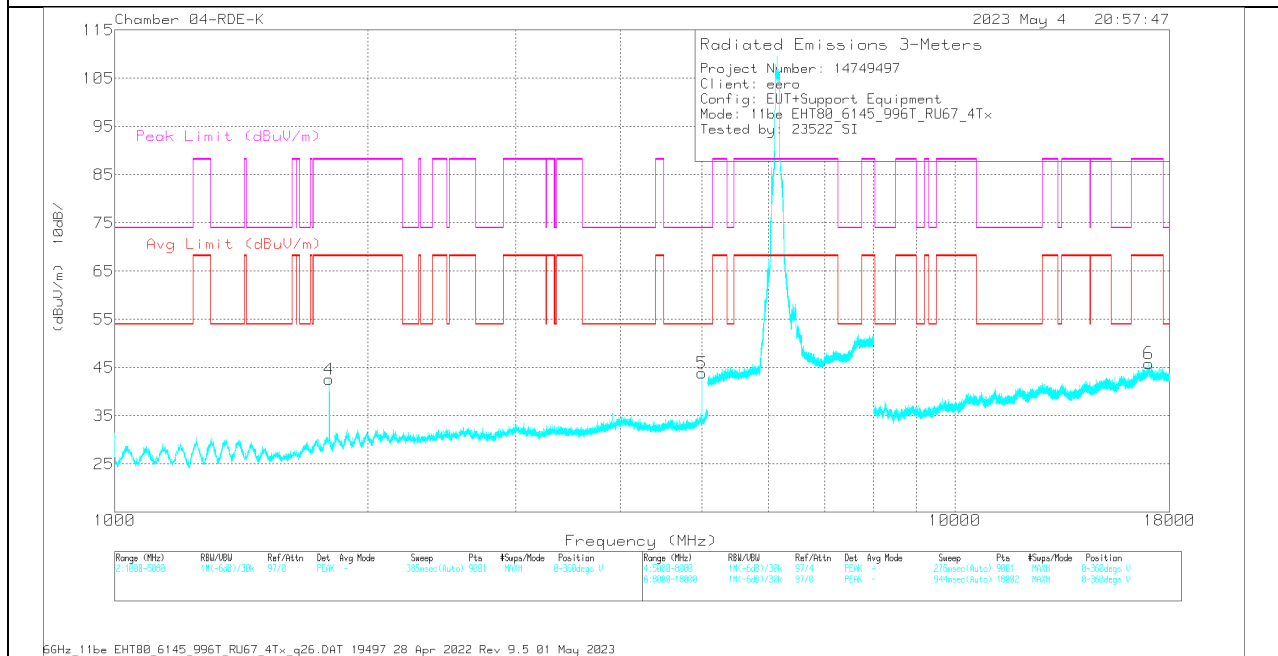
PK-U - U-NII: Maximum Peak

ADR - U-NII AD primary method, RMS average

MID



HORIZONTAL



VERTICAL

RADIATED EMISSIONS

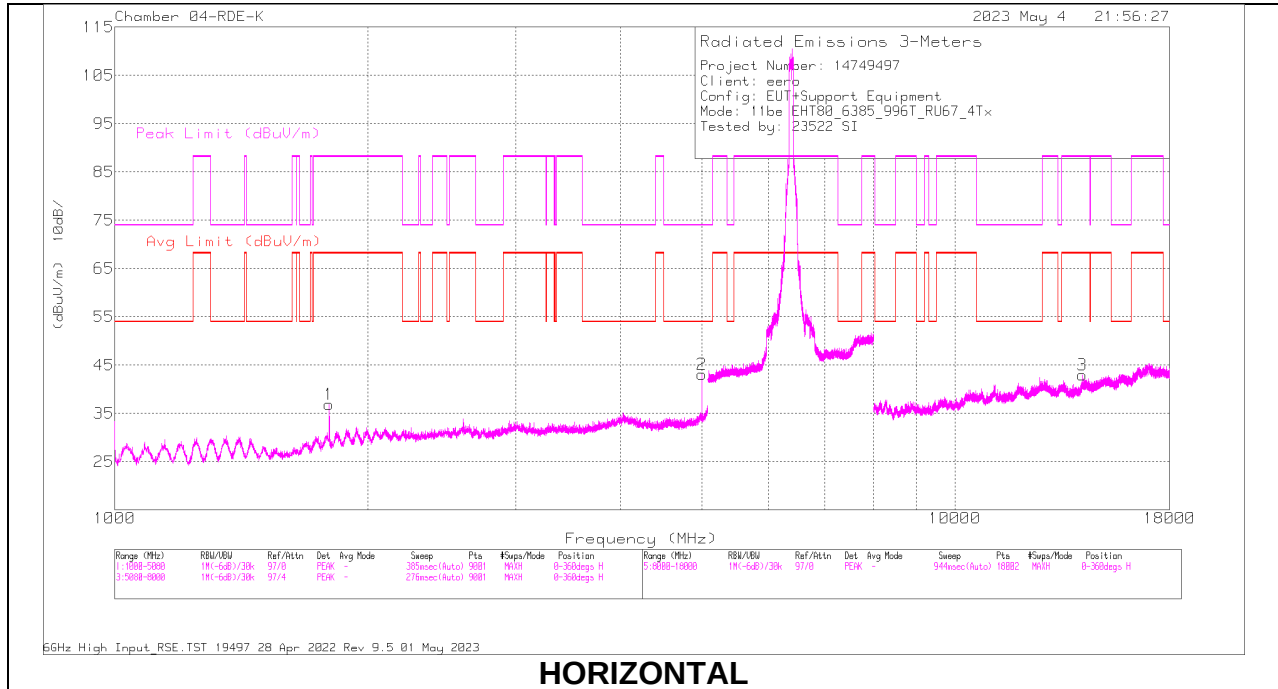
Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	223083 ACF (dB) 3mH	Amp/Cbl/Fitr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	1800.122	61.15	PK-U	30.2	-45.8	45.55	-	-	88.2	-42.65	160	225	H
	1799.976	55.27	ADR	30.2	-45.8	39.67	68.2	-28.53	-	-	160	225	H
2	* 4999.975	54.02	PK-U	33.8	-39	48.82	-	-	74	-25.18	203	204	H
	* 4999.966	48.99	ADR	33.8	-39	43.79	54	-10.21	-	-	203	204	H
4	1800.04	63.53	PK-U	30.2	-45.8	47.93	-	-	88.2	-40.27	177	176	V
	1799.897	58.47	ADR	30.2	-45.8	42.87	68.2	-25.33	-	-	177	176	V
5	* 5000.081	54.39	PK-U	33.8	-39	49.19	-	-	74	-24.81	167	114	V
	* 5000.041	49.41	ADR	33.8	-39	44.21	54	-9.79	-	-	167	114	V
3	17008.891	44.51	PK-U	41.6	-32.1	54.01	-	-	88.2	-34.19	1	152	H
	17009.766	32.77	ADR	41.6	-32.1	42.27	68.2	-25.93	-	-	1	152	H
6	17011.335	45	PK-U	41.6	-32.1	54.5	-	-	88.2	-33.7	236	275	V
	17013.206	33.12	ADR	41.6	-32.2	42.52	68.2	-25.68	-	-	236	275	V

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

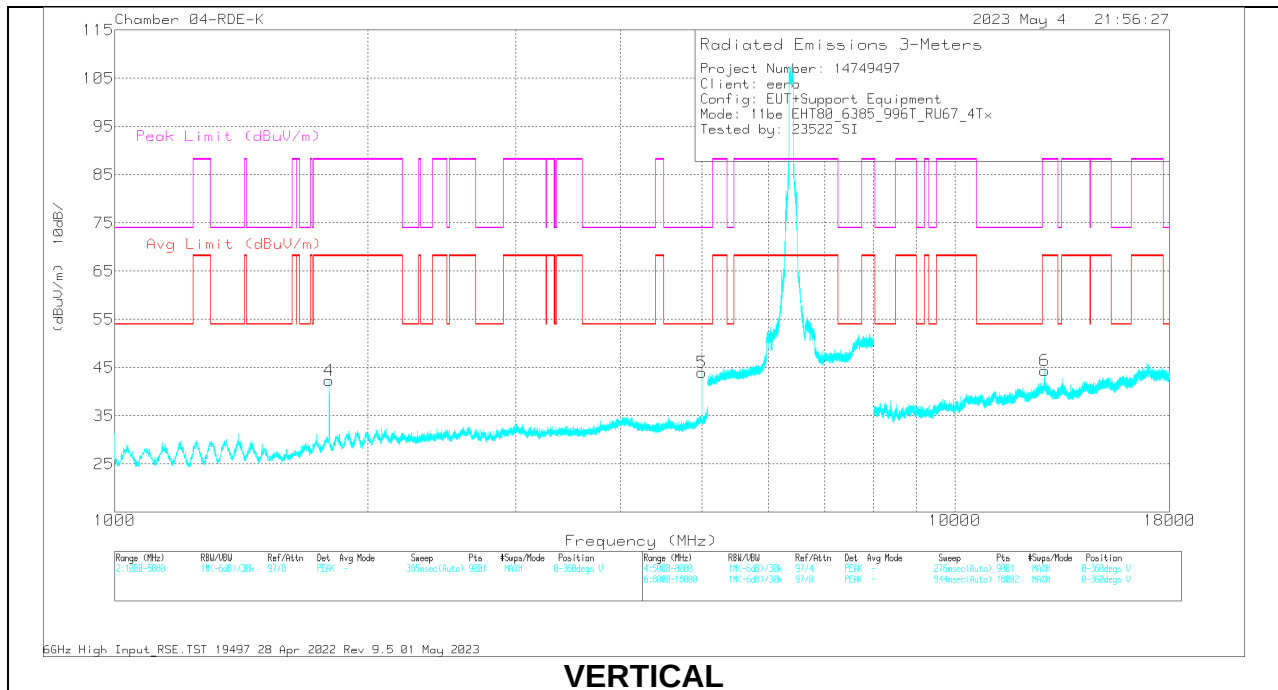
PK-U - U-NII: Maximum Peak

ADR - U-NII AD primary method, RMS average

HIGH



HORIZONTAL



VERTICAL

RADIATED EMISSIONS

Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	223083 ACF (dB) 3mH	Amp/Cbl/Fitr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	1799.791	61.02	PK-U	30.2	-45.8	45.42	-	-	88.2	-42.78	166	226	H
	1799.909	55.67	ADR	30.2	-45.8	40.07	68.2	-28.13	-	-	166	226	H
2	* 4999.939	53.89	PK-U	33.8	-39	48.69	-	-	74	-25.31	219	226	H
	* 4999.969	48.26	ADR	33.8	-39	43.06	54	-10.94	-	-	219	226	H
4	1799.938	63.05	PK-U	30.2	-45.8	47.45	-	-	88.2	-40.75	177	176	V
	1799.954	58.21	ADR	30.2	-45.8	42.61	68.2	-25.59	-	-	177	176	V
5	* 5000.038	54.95	PK-U	33.8	-39	49.75	-	-	74	-24.25	169	139	V
	* 4999.95	49.34	ADR	33.8	-39	44.14	54	-9.86	-	-	169	139	V
3	14176.298	45.65	PK-U	39.2	-34.5	50.35	-	-	88.2	-37.85	10	234	H
	14174.202	34.2	ADR	39.2	-34.5	38.9	68.2	-29.3	-	-	10	234	H
6	12793.367	45.6	PK-U	39.5	-34.3	50.8	-	-	88.2	-37.4	48	273	V
	12792.127	34.03	ADR	39.5	-34.3	39.23	68.2	-28.97	-	-	48	273	V

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

PK-U - U-NII: Maximum Peak

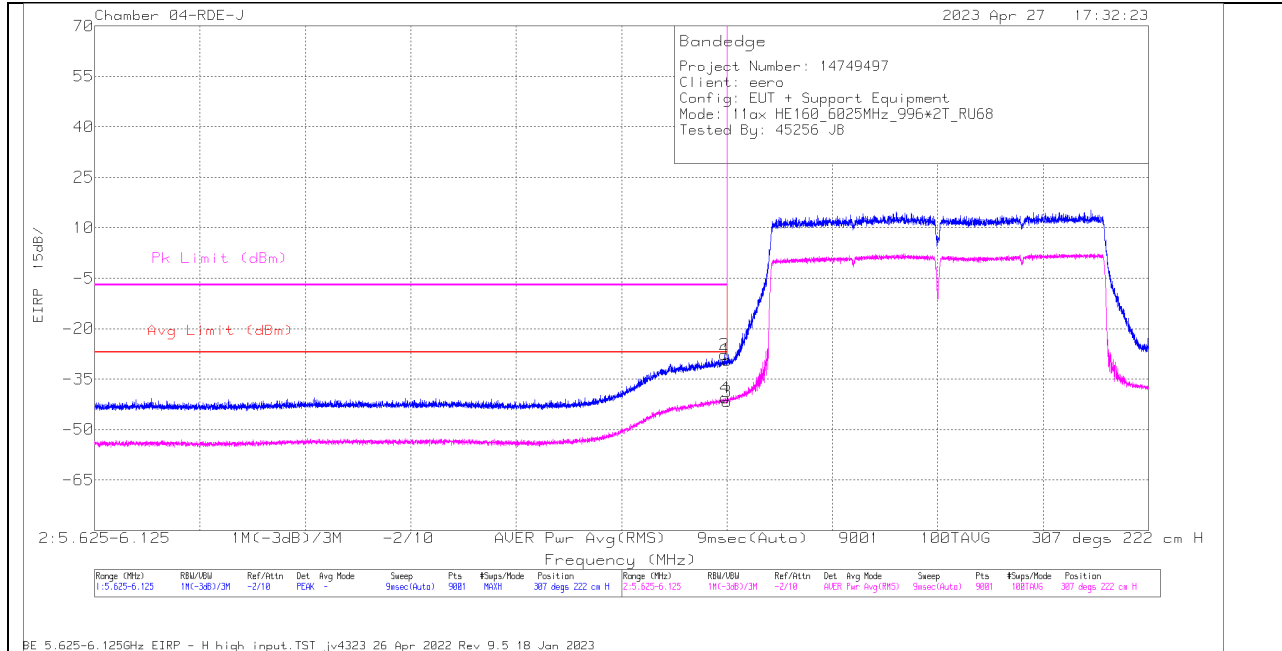
ADR - U-NII AD primary method, RMS average

10.1.7. TX ABOVE 1 GHz 802.11ax HE160 MODE IN THE UNII-5 BAND

1TX Antenna 5 OFDMA MODE: 2x 996-Tones, RU 68

BANDEDGE (LOW CHANNEL)

HORIZONTAL RESULT

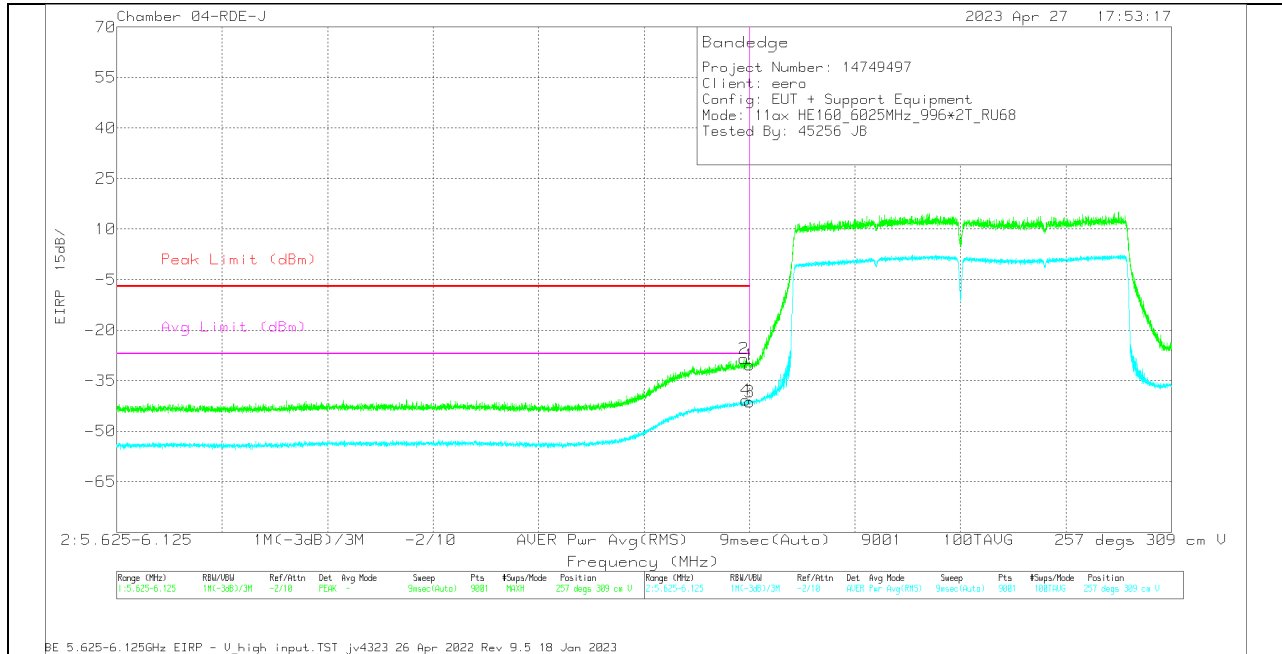


Trace Markers

Marker	Frequency (MHz)	Meter Reading (dBm)	Det	222741 ACF(dB) - 3mH	Amp/Cbl/Pad (dB)	Conversion Factor (dB)	Corrected Reading EIRP	Avg Limit (dBm)	RMS Margin (dB)	Pk Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5925	-62.76	Pk	35	-13.5	11.8	-29.46	-	-	-7	-22.46	307	222	H
2	5923.947	-61.09	Pk	35	-13.5	11.8	-27.79	-	-	-7	-20.79	307	222	H
3	5925	-74.94	RMS	35	-13.5	11.8	-41.64	-27	-14.64	-	-	307	222	H
4	5924.28	-73.88	RMS	35	-13.5	11.8	-40.58	-27	-13.58	-	-	307	222	H

Pk - Peak detector
RMS - RMS detection

VERTICAL RESULT



Trace Markers

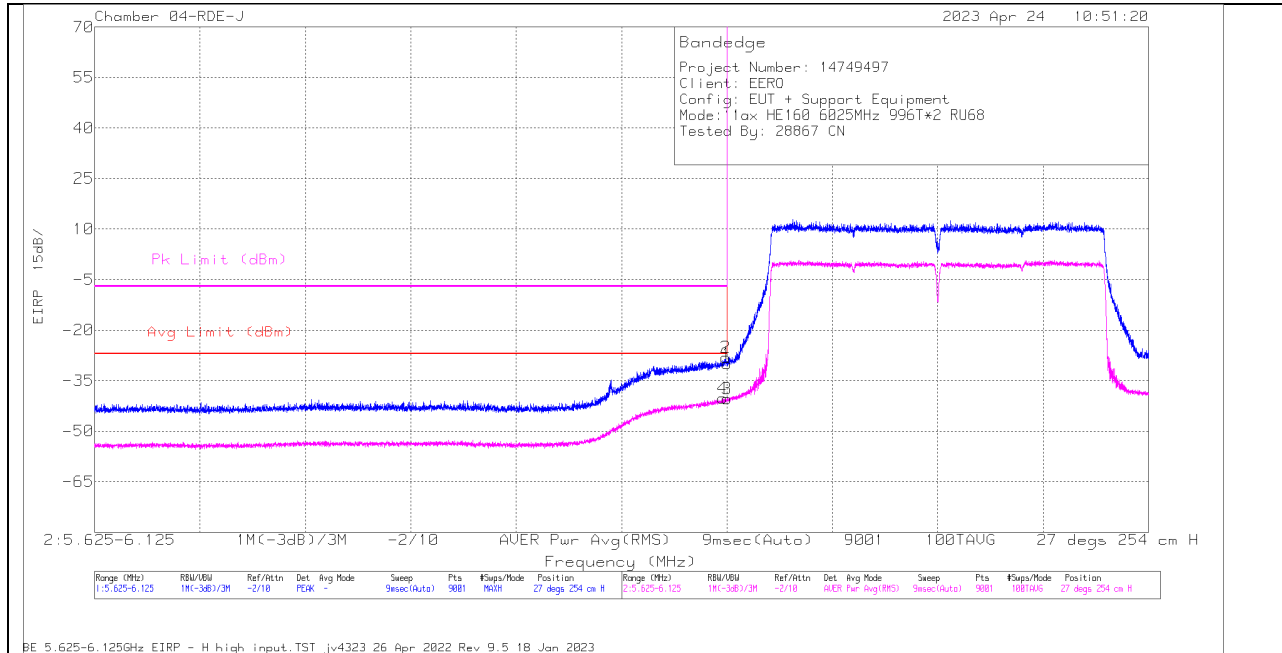
Marker	Frequency (MHz)	Meter Reading (dBm)	Det	222741 ACF(dB) - 3mH	Amp/Cbl/Pad (dB)	Conversion Factor (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Avg Limit (dBm)	RMS Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5925	-63.55	Pk	35	-13.5	11.8	-30.25	-7	-23.25	-	-	257	309	V
2	5922.225	-61.77	Pk	35	-13.5	11.8	-28.47	-7	-21.47	-	-	257	309	V
3	5925	-74.62	RMS	35	-13.5	11.8	-41.32	-	-	-27	-14.32	257	309	V
4	5923.28	-74.03	RMS	35	-13.5	11.8	-40.73	-	-	-27	-13.73	257	309	V

Pk - Peak detector
RMS - RMS detection

2TX Antenna 5 + Antenna 8 OFDMA MODE: 2x 996-Tones, RU 68

BANDEDGE (LOW CHANNEL)

HORIZONTAL RESULT

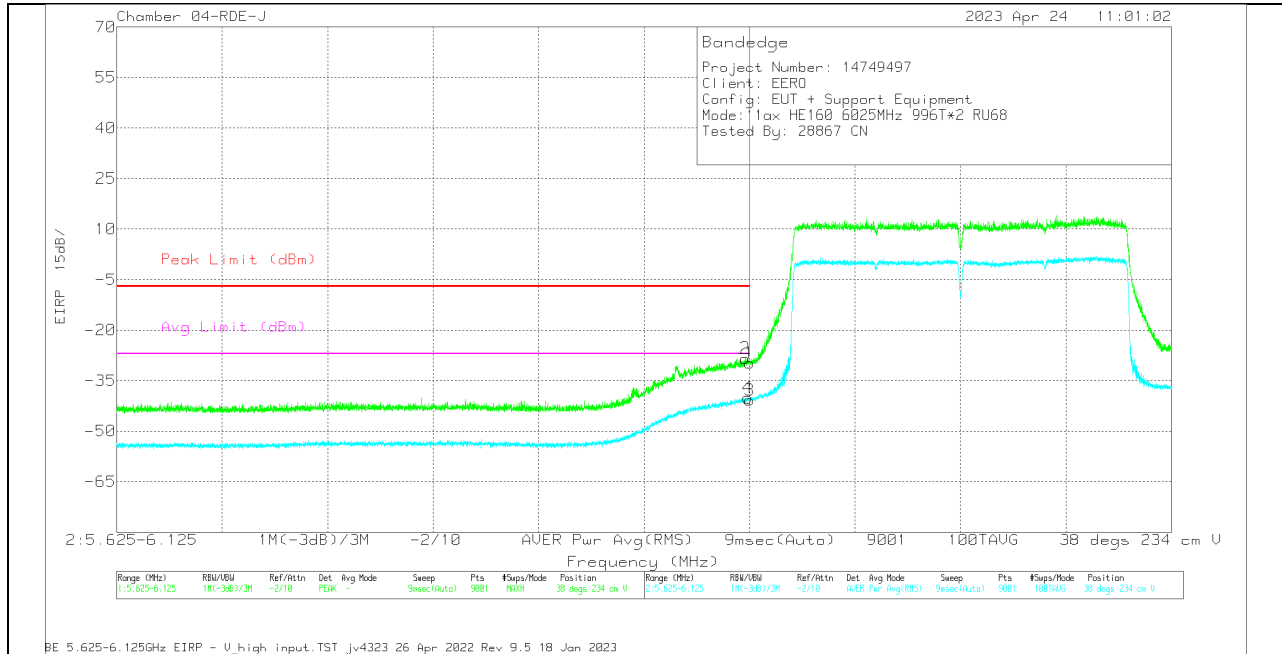


Trace Markers

Marker	Frequency (MHz)	Meter Reading (dBm)	Det	22741 ACF(dB) -3mH	Amp/Cbl/Pad (dB)	Conversion Factor (dB)	Corrected Reading EIRP	Avg Limit (dBm)	RMS Margin (dB)	Pk Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5925	-63.21	Pk	35	-13.5	11.8	-29.91	-	-	-7	-22.91	27	254	H
2	5924.447	-61.32	Pk	35	-13.5	11.8	-28.02	-	-	-7	-21.02	27	254	H
3	5925	-73.62	RMS	35	-13.5	11.8	-40.32	-27	-13.32	-	-	27	254	H
4	5923.058	-73.47	RMS	35	-13.5	11.8	-40.17	-27	-13.17	-	-	27	254	H

Pk - Peak detector
RMS - RMS detection

VERTICAL RESULT



Trace Markers

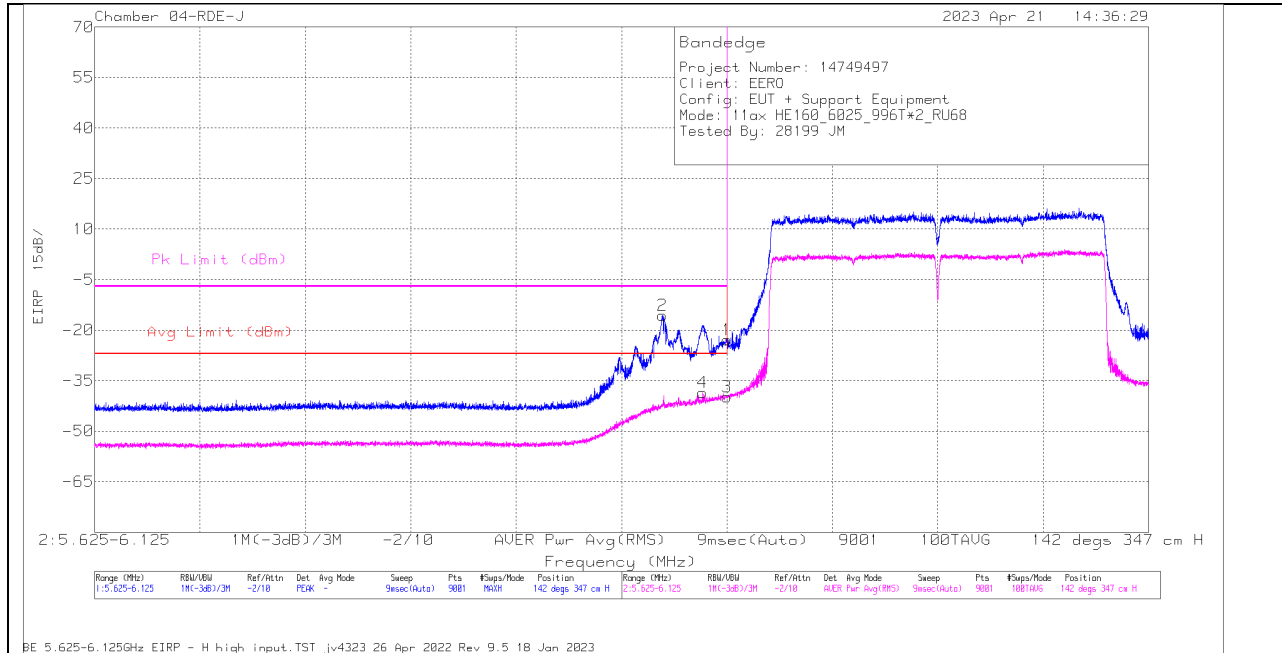
Marker	Frequency (MHz)	Meter Reading (dBm)	Det	222741 ACF(dB) - 3mH	Amp/Cbl/Pad (dB)	Conversion Factor (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Avg Limit (dBm)	RMS Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5925	-63.1	Pk	35	-13.5	11.8	-29.8	-7	-22.8	-	-	38	234	V
2	5923.058	-61.68	Pk	35	-13.5	11.8	-28.38	-7	-21.38	-	-	38	234	V
3	5925	-74.04	RMS	35	-13.5	11.8	-40.74	-	-	-27	-13.74	38	234	V
4	5924.28	-73.4	RMS	35	-13.5	11.8	-40.1	-	-	-27	-13.1	38	234	V

Pk - Peak detector
RMS - RMS detection

4TX Antenna 5 + Antenna 8 + Antenna 3 + Antenna 10 OFDMA MODE: 2x 996-Tones, RU 68

BANDEDGE (LOW CHANNEL)

HORIZONTAL RESULT

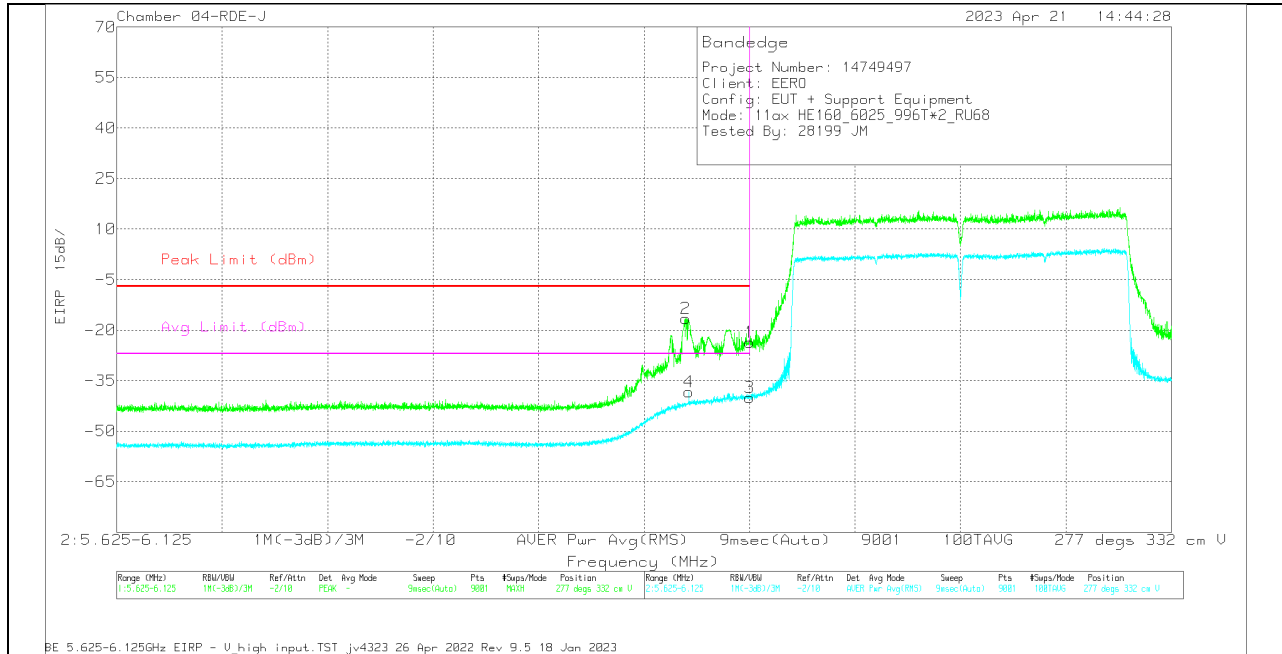


Trace Markers

Marker	Frequency (MHz)	Meter Reading (dBm)	Det	222741 ACF(dB) - 3mH	Amp/Cbl/Pad (dB)	Conversion Factor (dB)	Corrected Reading EIRP	Avg Limit (dBm)	RMS Margin (dB)	Pk Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5925	-56.16	Pk	35	-13.5	11.8	-22.86	-	-	-7	-15.86	142	347	H
2	5894.558	-48.59	Pk	34.9	-13.7	11.8	-15.59	-	-	-7	-8.59	142	347	H
3	5925	-73.19	RMS	35	-13.5	11.8	-39.89	-27	-12.89	-	-	142	347	H
4	5913.558	-71.51	RMS	34.9	-13.7	11.8	-38.51	-27	-11.51	-	-	142	347	H

Pk - Peak detector
RMS - RMS detection

VERTICAL RESULT



Trace Markers

Marker	Frequency (MHz)	Meter Reading (dBm)	Det	222741 ACF(dB) - 3mH	Amp/Cbl/Pad (dB)	Conversion Factor (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Avg Limit (dBm)	RMS Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5925	-56.95	Pk	35	-13.5	11.8	-23.65	-7	-16.65	-	-	277	332	V
2	5894.669	-49.5	Pk	34.9	-13.7	11.8	-16.5	-7	-9.5	-	-	277	332	V
3	5925	-73.23	RMS	35	-13.5	11.8	-39.93	-	-	-27	-12.93	277	332	V
4	5896.169	-71.28	RMS	34.9	-13.7	11.8	-38.28	-	-	-27	-11.28	277	332	V

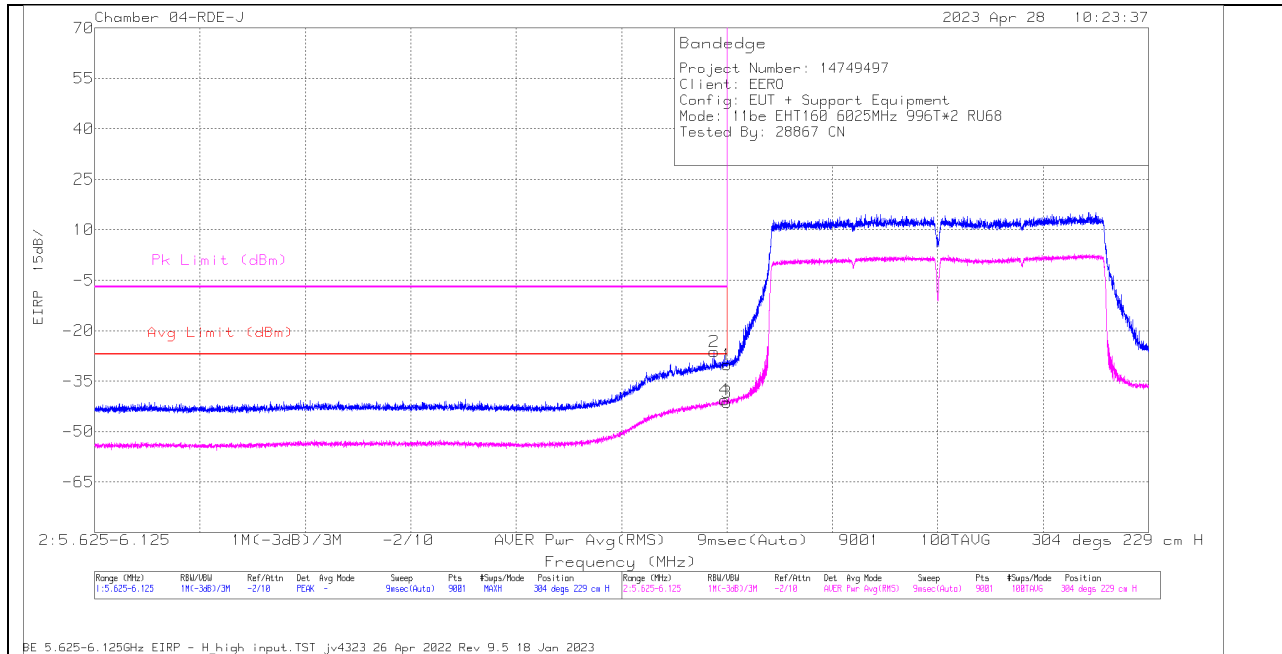
PK - Peak detector
RMS - RMS detection

10.1.8. TX ABOVE 1 GHz 802.11be EHT160 MODE IN THE UNII-5 BAND

1TX Antenna 5 OFDMA MODE: 2x 996-Tones, RU 68

BANDEDGE (LOW CHANNEL)

HORIZONTAL RESULT

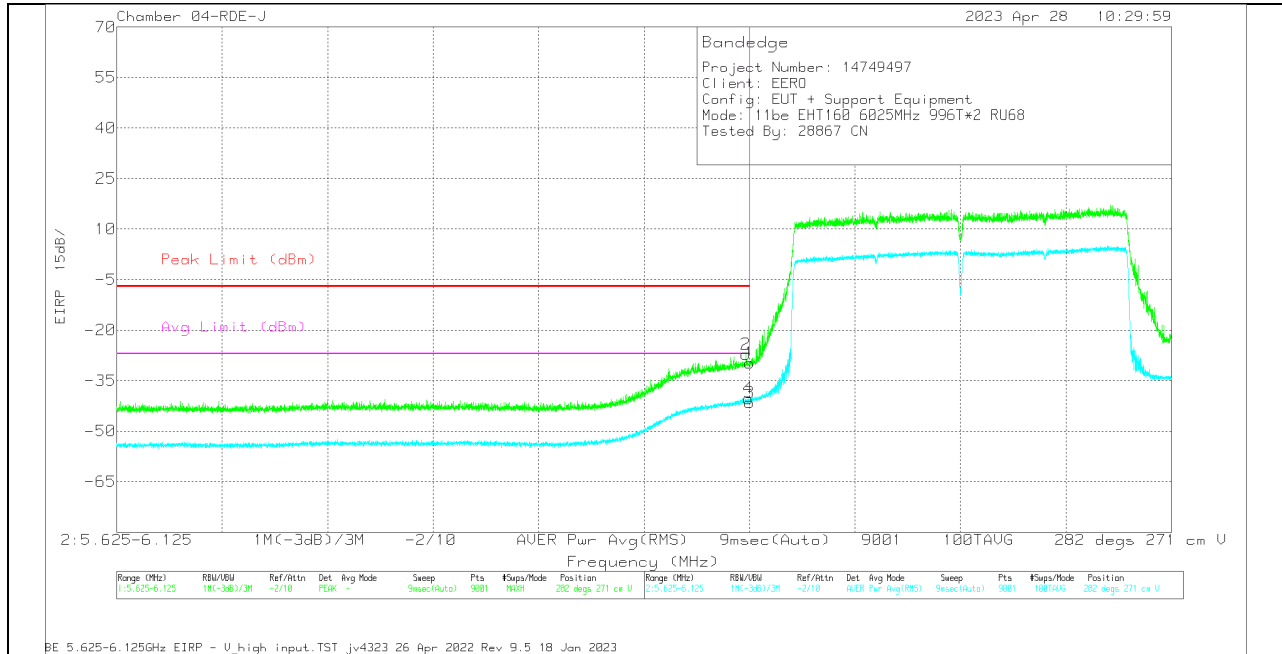


Trace Markers

Marker	Frequency (MHz)	Meter Reading (dBm)	Det	222741 ACF(dB) - 3mH	Amp/Cbl/Pad (dB)	Conversion Factor (dB)	Corrected Reading EIRP	Avg Limit (dBm)	RMS Margin (dB)	Pk Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5925	-63.37	Pk	35	-13.5	11.8	-30.07	-	-	-7	-23.07	304	229	H
2	5918.947	-59.37	Pk	35	-13.6	11.8	-26.17	-	-	-7	-19.17	304	229	H
3	5925	-74.57	RMS	35	-13.5	11.8	-41.27	-27	-14.27	-	-	304	229	H
4	5923.836	-73.8	RMS	35	-13.5	11.8	-40.5	-27	-13.5	-	-	304	229	H

Pk - Peak detector
RMS - RMS detection

VERTICAL RESULT



Trace Markers

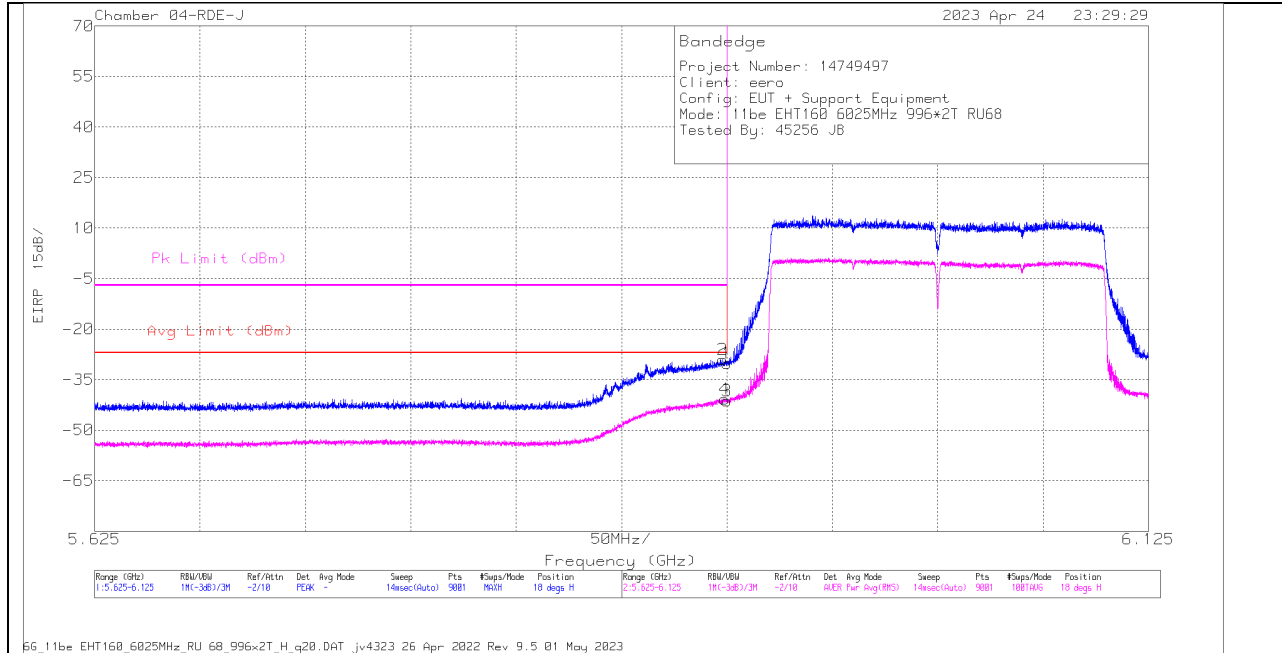
Marker	Frequency (MHz)	Meter Reading (dBm)	Det	222741 ACF(dB) - 3mH	Amp/Cbl/Pad (dB)	Conversion Factor (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Avg Limit (dBm)	RMS Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5925	-63.09	Pk	35	-13.5	11.8	-29.79	-7	-22.79	-	-	282	271	V
2	5923.28	-60.52	Pk	35	-13.5	11.8	-27.22	-7	-20.22	-	-	282	271	V
3	5925	-74.77	RMS	35	-13.5	11.8	-41.47	-	-	-27	-14.47	282	271	V
4	5924.447	-73.59	RMS	35	-13.5	11.8	-40.29	-	-	-27	-13.29	282	271	V

Pk - Peak detector
RMS - RMS detection

2TX Antenna 5 + Antenna 8 OFDMA MODE: 2x 996-Tones, RU 68

BANDEDGE (LOW CHANNEL)

HORIZONTAL RESULT



Trace Markers

Marker	Frequency (MHz)	Meter Reading (dBm)	Det	222741 ACF(dB) -3mH	Amp/Cbl/Pad (dB)	Conversion Factor (dB)	Corrected Reading EIRP	Avg Limit (dBm)	RMS Margin (dB)	Pk Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5925	-63.42	Pk	35	-13.5	11.8	-30.12	-	-	-7	-23.12	18	127	H
2	5922.947	-62.31	Pk	35	-13.5	11.8	-29.01	-	-	-7	-22.01	18	127	H
3	5925	-74.61	RMS	35	-13.5	11.8	-41.31	-27	-14.31	-	-	18	127	H
4	5923.891	-74.02	RMS	35	-13.5	11.8	-40.72	-27	-13.72	-	-	18	127	H

Pk - Peak detector
RMS - RMS detection