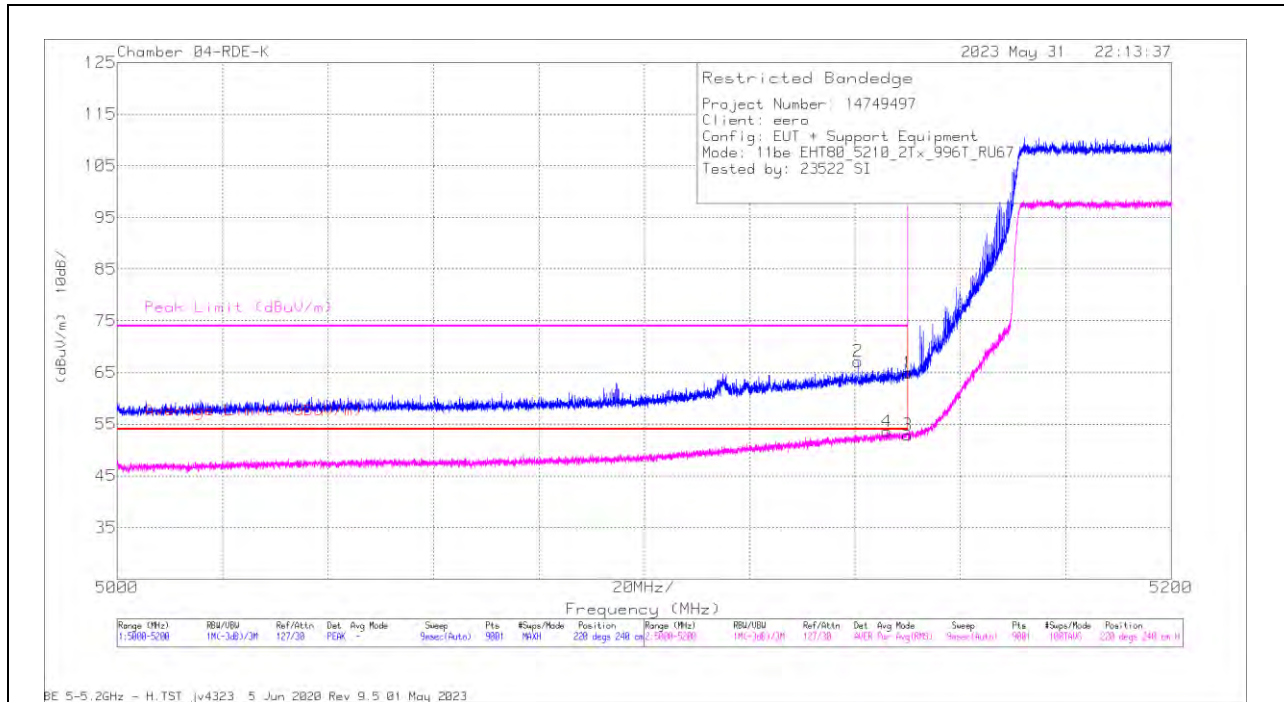


2TX Antenna 6 + Antenna 4 CDD OFDMA MODE: 996-Tones, RU Index 67

BANDEDGE (MID CHANNEL)

HORIZONTAL RESULT

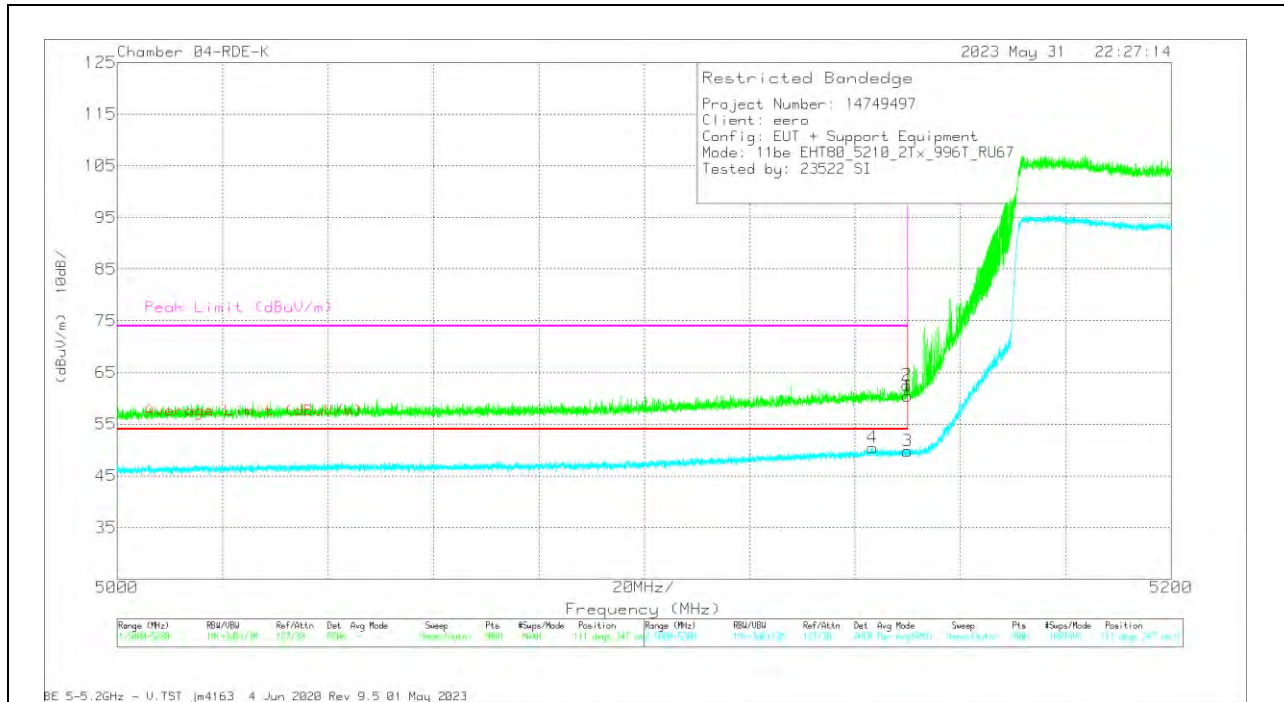


Trace Markers

Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	223083 ACF (dB) 3mH	Cbl/Amp (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 5150	60.91	Pk	34.1	-30.1	64.91	-	-	74	-9.09	220	240	H
2	* 5140.51	63.46	Pk	34	-30.3	67.16	-	-	74	-6.84	220	240	H
3	* 5150	48.88	RMS	34.1	-30.1	52.88	54	-1.12	-	-	220	240	H
4	* 5145.999	49.8	RMS	34	-30.2	53.6	54	-4	-	-	220	240	H

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

VERTICAL RESULT



Trace Markers

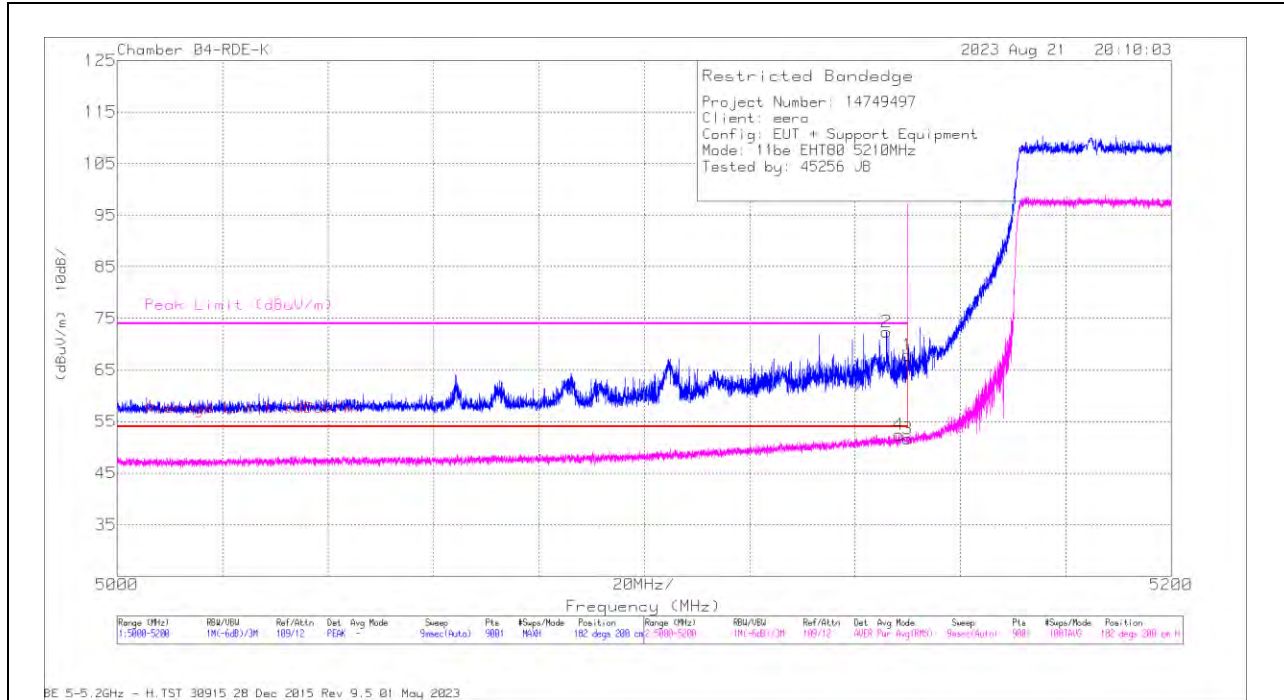
Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	223083 ACF (dB) 3mH	Cbl/Amp (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 5150	56.42	PK	34.1	-30.1	60.42	-	-	74	-13.58	111	347	V
2	* 5149.821	58.53	PK	34.1	-30.1	62.53	-	-	74	-11.47	111	347	V
3	* 5150	45.78	RMS	34.1	-30.1	49.78	54	-4.22	-	-	111	347	V
4	* 5143.332	46.67	RMS	34	-30.2	50.47	54	-3.53	-	-	111	347	V

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

4TX Antenna 6 + Antenna 4 + Antenna 9 + Antenna 1 CDD OFDMA MODE: 996-Tones, RU Index 67

BANDEDGE (MID CHANNEL)

HORIZONTAL RESULT

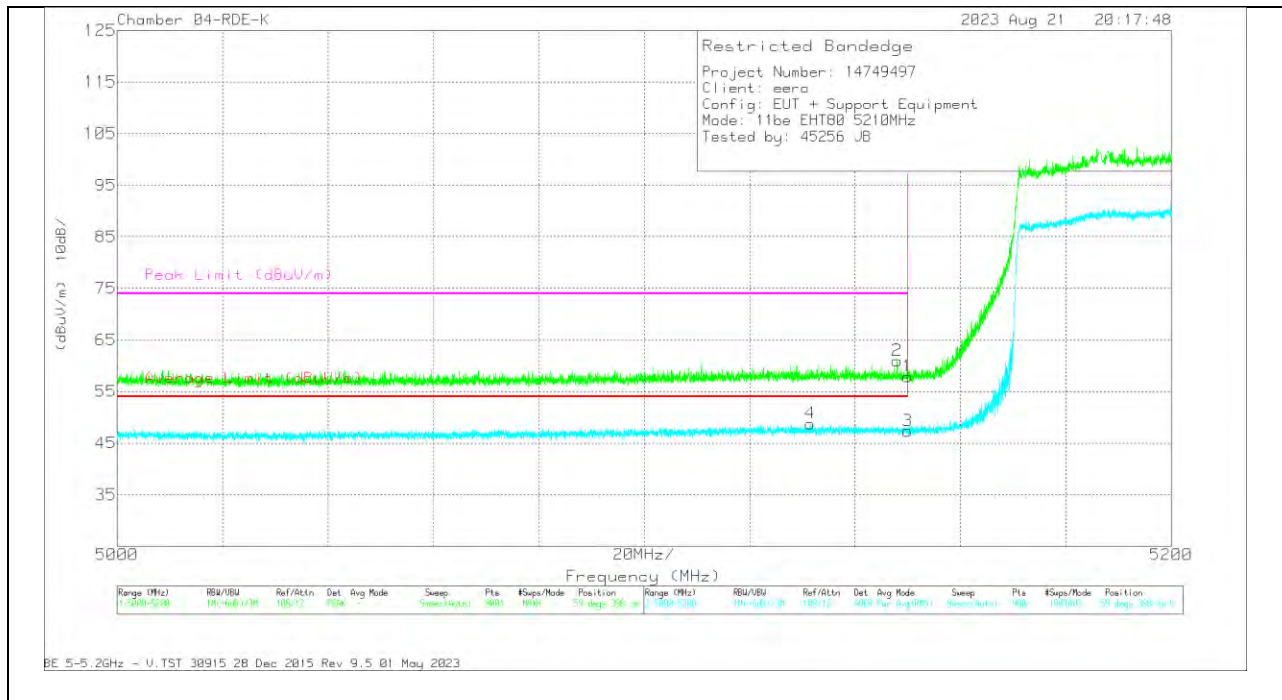


Trace Markers

Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	223083 ACF (dB) 3mH	Cbl/Amp (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 5150	41.14	PK	34.1	-7.3	67.94	-	-	74	-6.06	182	200	H
2	* 5145.954	45.59	PK	34	-7.2	72.39	-	-	74	-1.61	182	200	H
3	* 5150	24.87	RMS	34.1	-7.3	51.67	54	-2.33	-	-	182	200	H
4	* 5148.332	25.77	RMS	34	-7.3	52.47	54	-1.53	-	-	182	200	H

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

VERTICAL RESULT



Trace Markers

Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	223083 ACF (dB) 3mHz	Cbl/Amp (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 5150	31.13	Pk	34.1	-7.3	57.93	-	-	74	-16.07	59	398	V
2	* 5147.976	34.27	Pk	34	-7.3	60.97	-	-	74	-13.03	59	398	V
3	* 5150	20.54	RMS	34.1	-7.3	47.34	54	-6.66	-	-	59	398	V
4	* 5131.488	22	RMS	34	-7.2	48.8	54	-5.2	-	-	59	398	V

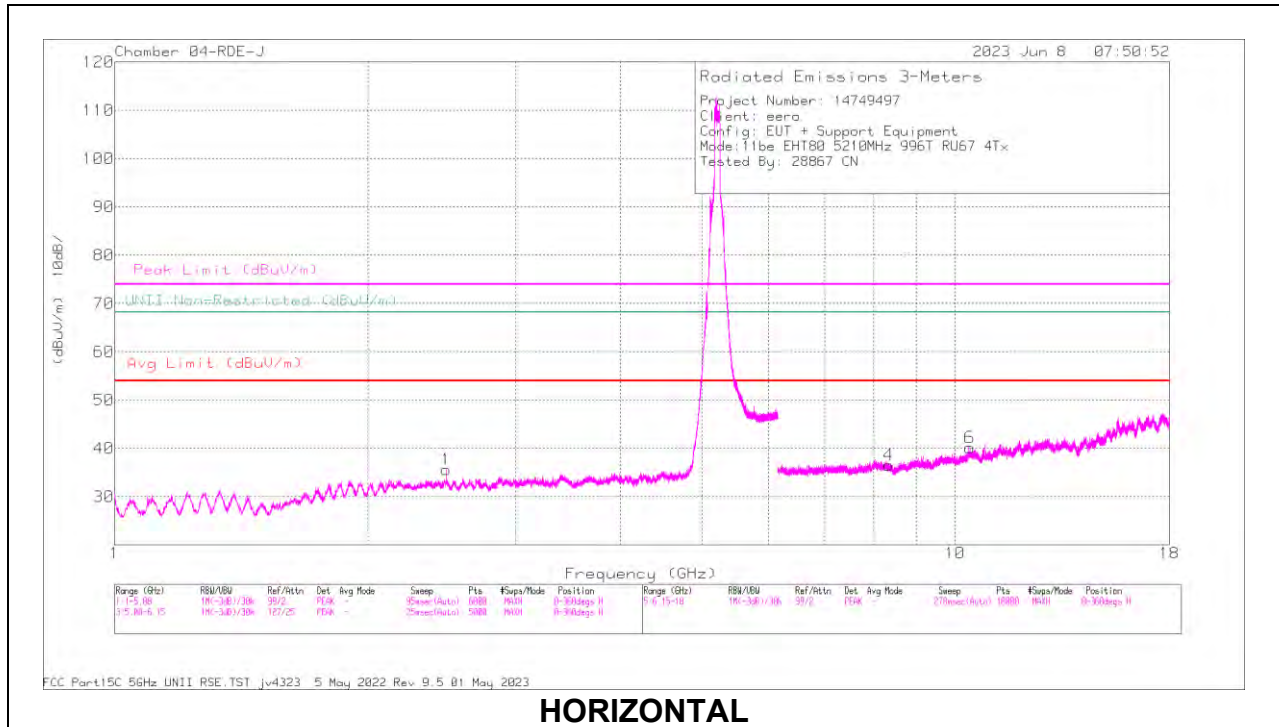
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

Pk - Peak detector

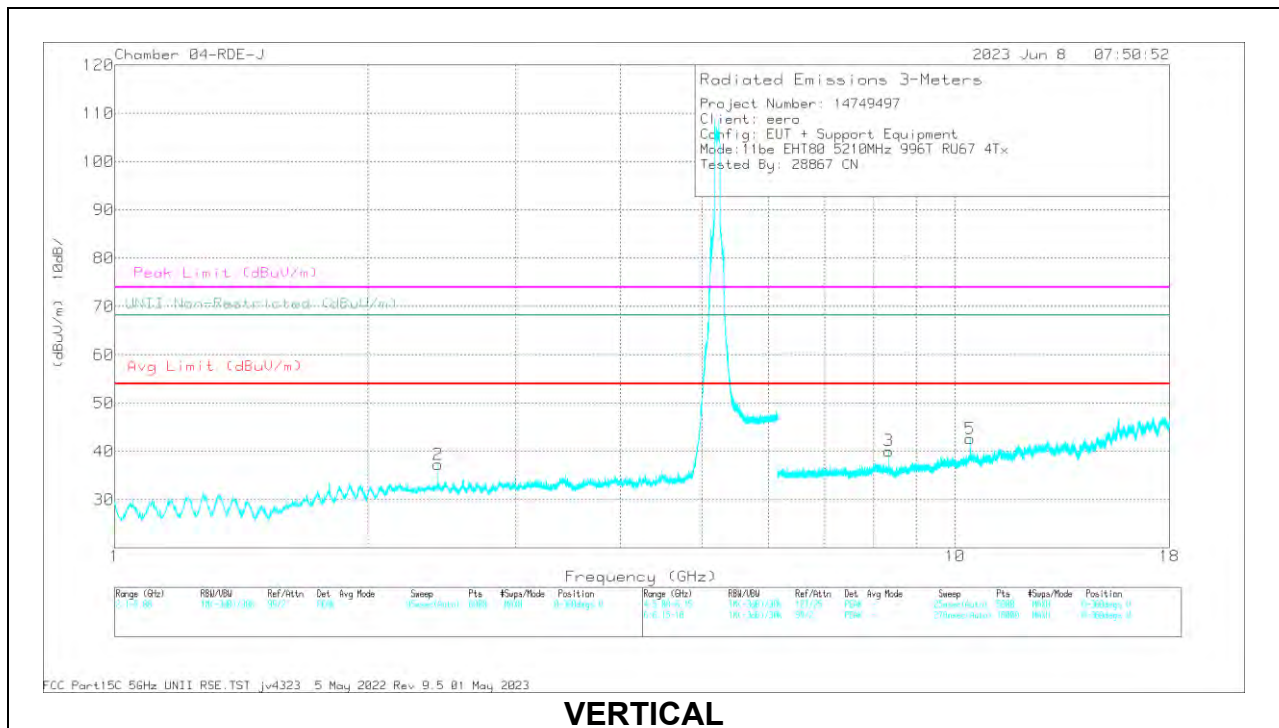
RMS - RMS detection

HARMONICS AND SPURIOUS EMISSIONS

MID CHANNEL



HORIZONTAL



VERTICAL

RADIATED EMISSIONS

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	222741 ACF(dB) - 3mH	Cbl/Amp (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	2.477173	57.73	PK-U	32.2	-46.2	43.73	-	-	-	-	68.2	-24.47	265	309	H
2	2.42548	58.25	PK-U	32.1	-46.5	43.85	-	-	-	-	68.2	-24.35	20	318	V
4	* 8.334334	52.41	PK-U	35.8	-40.8	47.41	-	-	74	-26.59	-	-	56	181	H
	* 8.334012	40.96	ADR	35.8	-40.9	35.86	54	-18.14	-	-	-	-	56	181	H
6	10.412215	53.11	PK-U	37.4	-40.8	49.71	-	-	-	-	68.2	-18.49	4	224	H
3	* 8.335802	53.41	PK-U	35.8	-40.7	48.51	-	-	74	-25.49	-	-	3	174	V
	* 8.335827	43.93	ADR	35.8	-40.7	39.03	54	-14.97	-	-	-	-	3	174	V
5	10.430434	56.42	PK-U	37.4	-40.9	52.92	-	-	-	-	68.2	-15.28	356	374	V

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

PK-U - U-NII: Maximum Peak

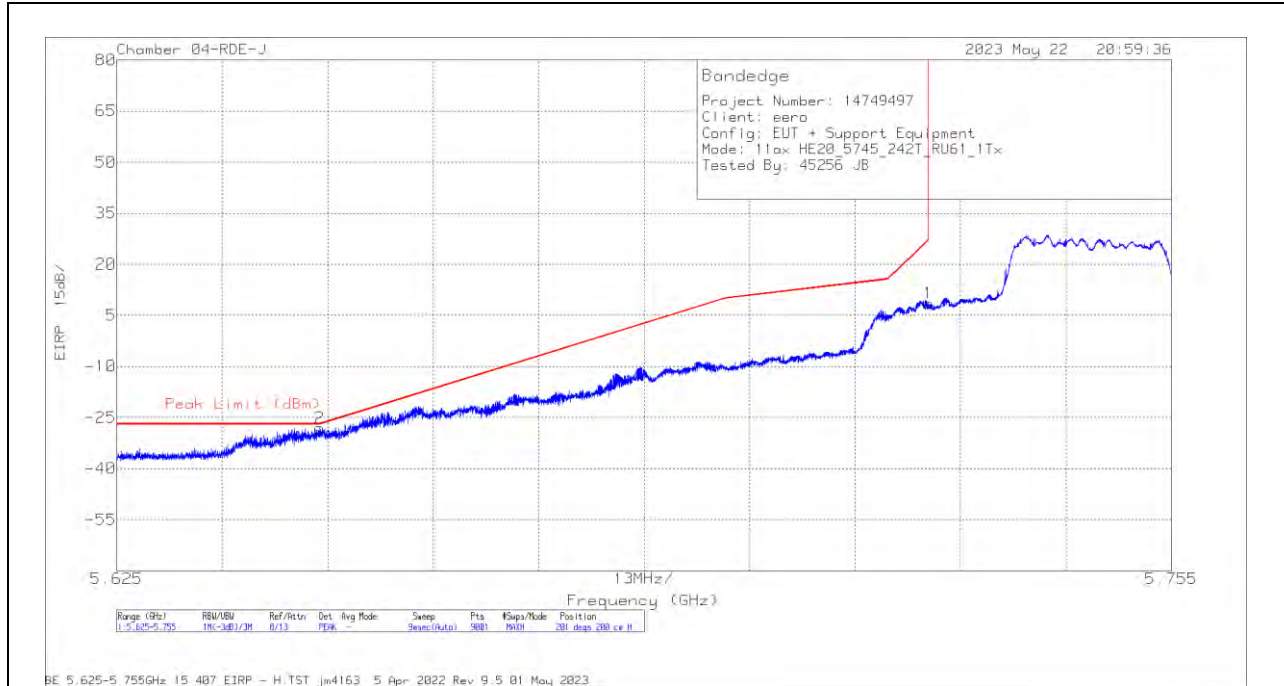
ADR - U-NII AD primary method, RMS average

10.1.7. TX ABOVE 1 GHz 802.11ax HE20 MODE IN THE 5.8GHz BAND

1TX Antenna 6 OFDMA MODE: 242-Tones, RU Index 61

BANDEDGE (LOW CHANNEL)

HORIZONTAL RESULT

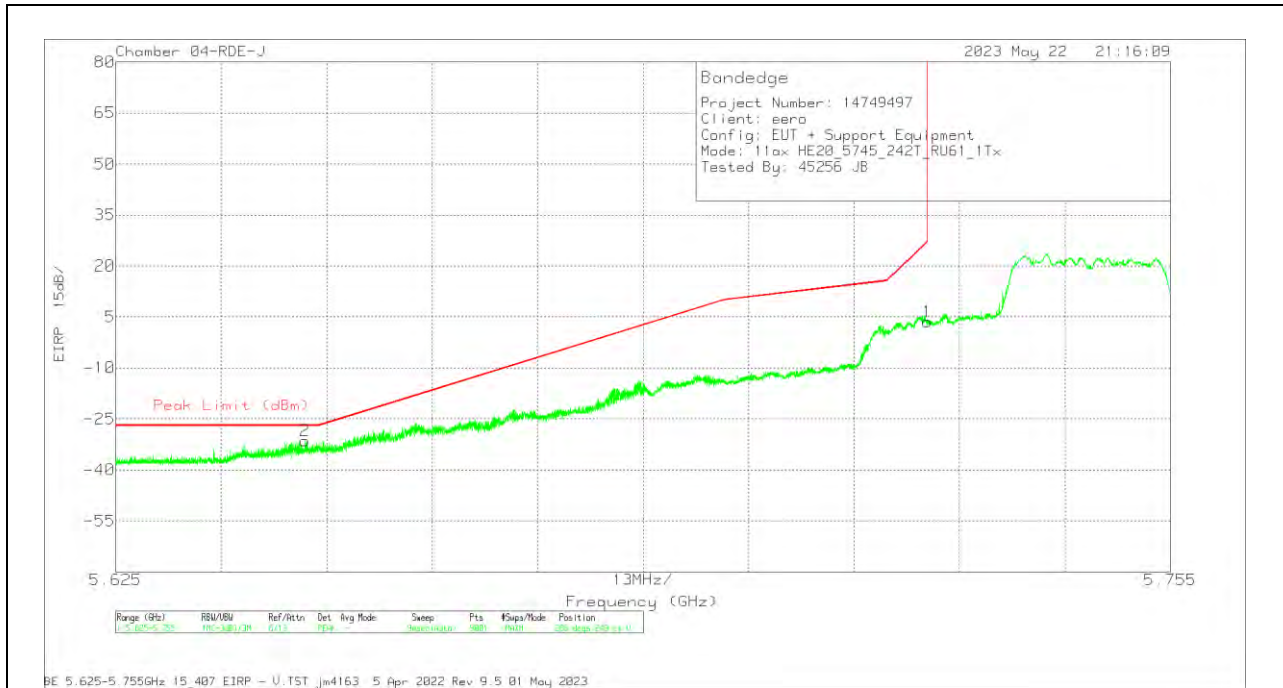


Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBm)	Det	222741 ACF(dB) - 3mH	Amp/Cbl/Pad (dB)	Conversion Factor (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.725	-24.52	Pk	34.7	-13.4	11.8	8.58	27	-18.42	201	200	H
2	5.650017	-60.84	Pk	34.6	-13.6	11.8	-28.04	-26.99	-1.05	201	200	H

Pk - Peak detector

VERTICAL RESULT



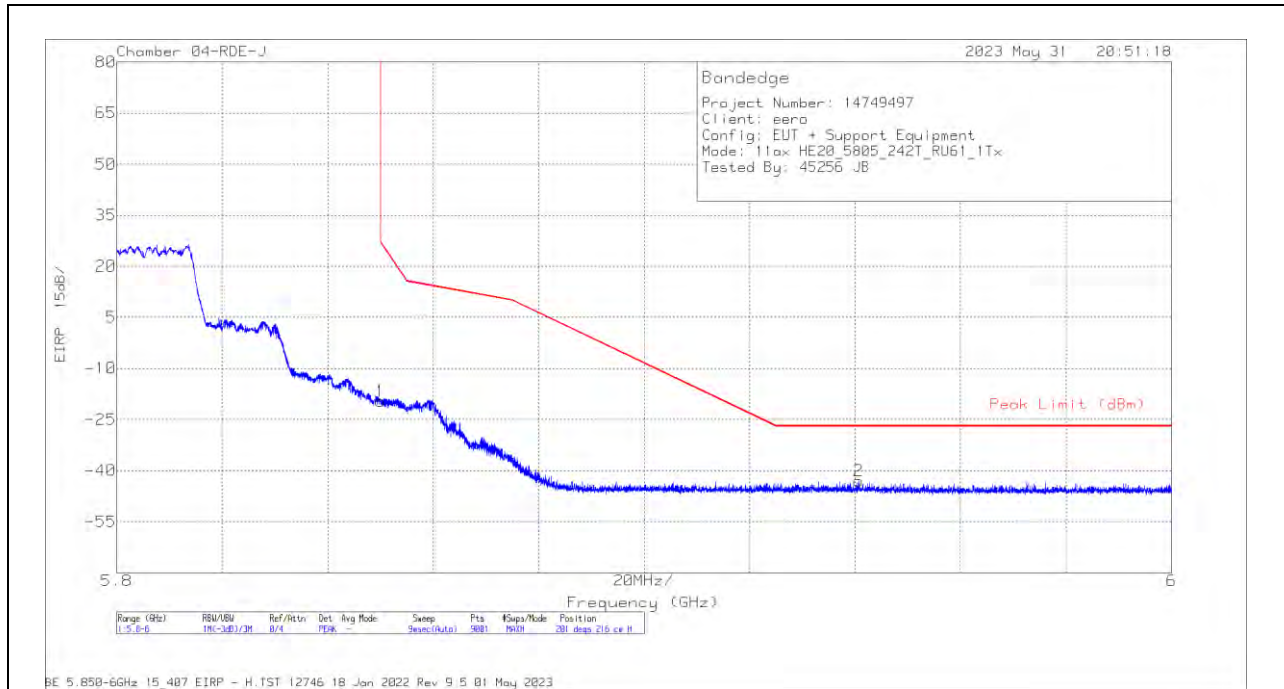
Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBm)	Det	222741 ACF(dB) - 3mH	Amp/Cbl/Pad (dB)	Conversion Factor (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.725	-29.55	Pk	34.7	-13.4	11.8	3.55	27	-23.45	286	240	V
2	5.648327	-64.23	Pk	34.6	-13.6	11.8	-31.43	-27	-4.43	286	240	V

Pk - Peak detector

BANDEDGE (HIGH CHANNEL)

HORIZONTAL RESULT

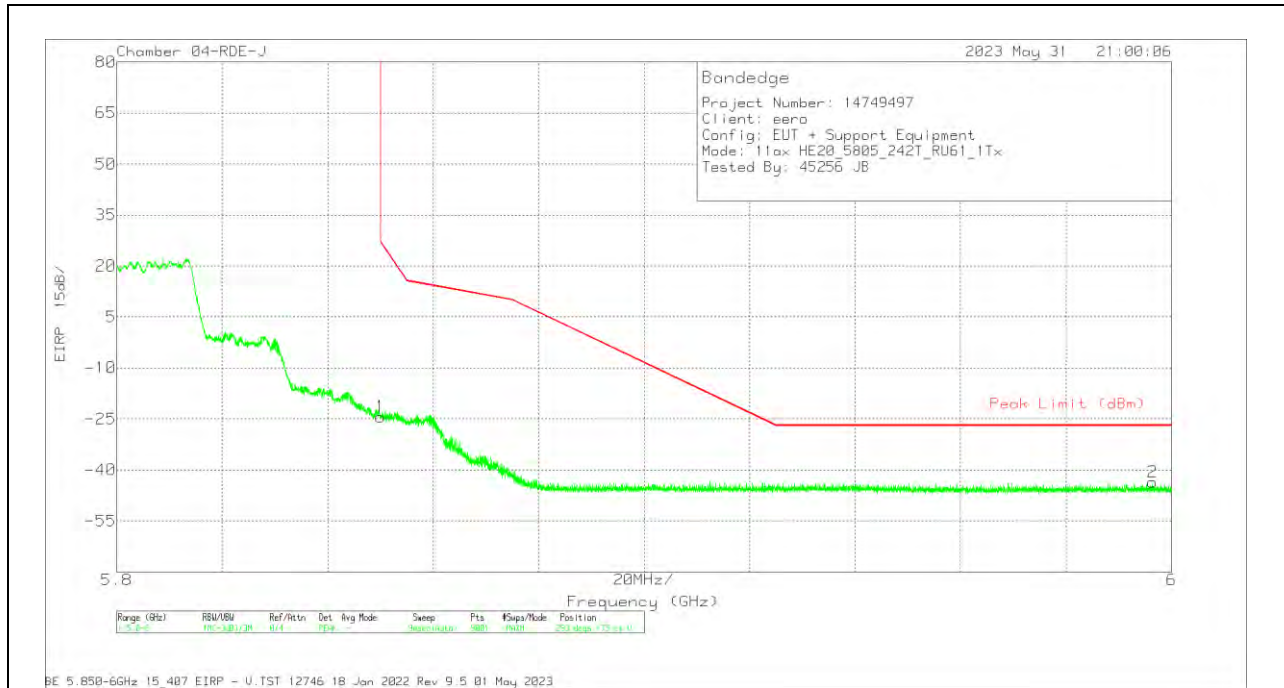


Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBm)	Det	222741 ACF(dB) - 3mH	Cbl/Amp (dB)	Conversion Factor (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.85	-53.37	Pk	34.8	-12.8	11.8	-19.57	27	-46.57	201	216	H
2	5.940732	-76.94	Pk	35	-12.9	11.8	-43.04	-27	-16.04	201	216	H

Pk - Peak detector

VERTICAL RESULT



Trace Markers

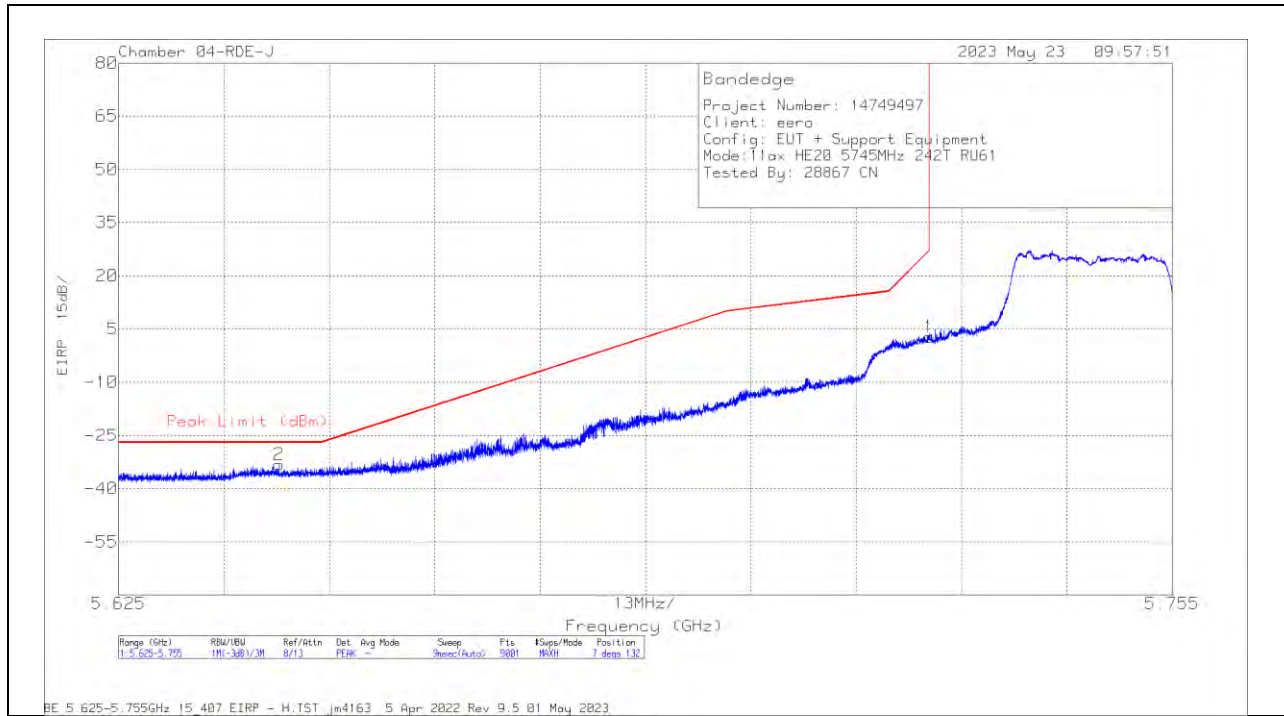
Marker	Frequency (GHz)	Meter Reading (dBm)	Det	222741 ACF(dB) - 3mH	Cbl/Amp (dB)	Conversion Factor (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.85	-58.12	PK	34.8	-12.8	11.8	-24.32	27	-51.32	293	175	V
2	5.996465	-77.58	PK	35.1	-12.9	11.8	-43.58	-27	-16.58	293	175	V

Pk - Peak detector

2TX Antenna 6 + Antenna 4 CDD OFDMA MODE: 242-Tones, RU Index 61

BANDEDGE (LOW CHANNEL)

HORIZONTAL RESULT

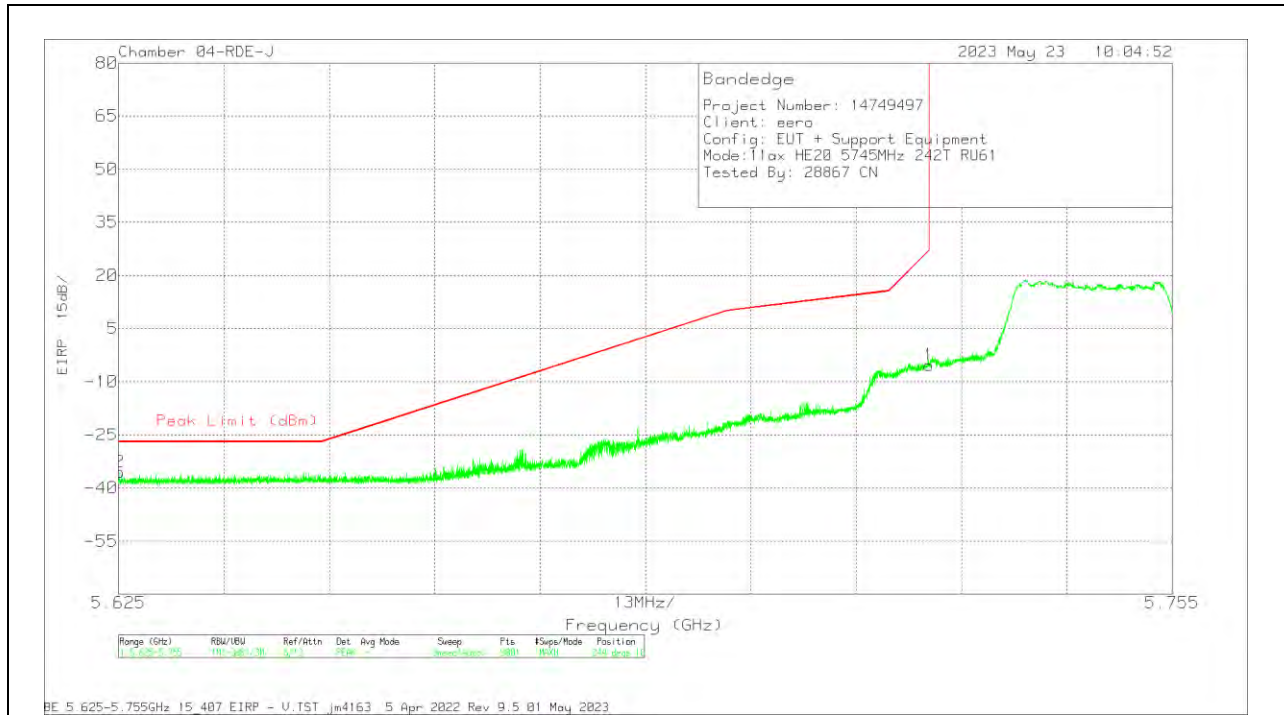


Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBm)	Det	222741 ACF(dB) - 3mH	Amp/Cbl/Pad (dB)	Conversion Factor (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.725	-30.4	Pk	34.7	-13.4	11.8	2.7	27	-24.3	7	132	H
2	5.644803	-66.04	Pk	34.6	-13.6	11.8	-33.24	-27	-6.24	7	132	H

Pk - Peak detector

VERTICAL RESULT



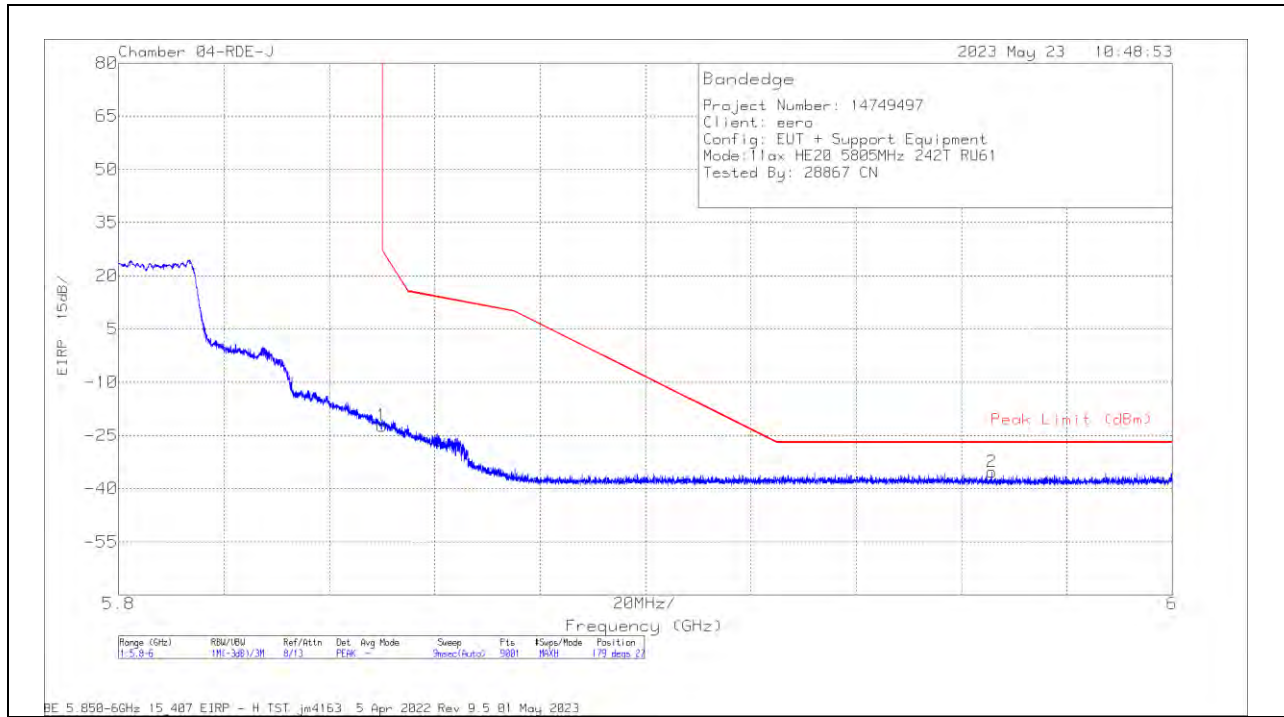
Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBm)	Det	222741 ACF(dB) - 3mH	Amp/Cbl/Pad (dB)	Conversion Factor (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.725	-38.41	Pk	34.7	-13.4	11.8	-5.31	27	-32.31	244	163	V
2	5.62513	-68.16	Pk	34.6	-13.7	11.8	-35.46	-27	-8.46	244	163	V

Pk - Peak detector

BANDEDGE (HIGH CHANNEL)

HORIZONTAL RESULT



Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBm)	Det	222741 ACF(dB) - 3mH	Amp/Cbl/Pad (dB)	Conversion Factor (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.85	-55.39	Pk	34.8	-13.5	11.8	-22.29	27	-49.29	179	274	H
2	5.965776	-68.58	Pk	35.1	-13.6	11.8	-35.28	-27	-8.28	179	274	H

Pk - Peak detector

VERTICAL RESULT



Trace Markers

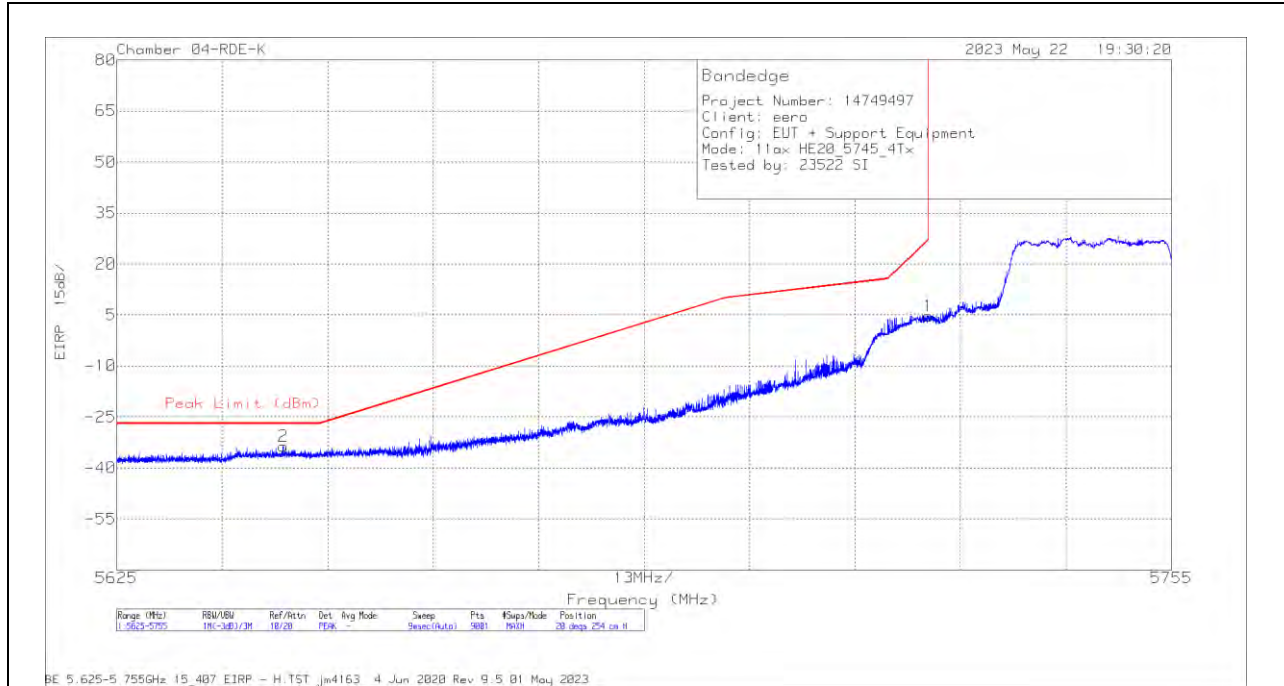
Marker	Frequency (GHz)	Meter Reading (dBm)	Det	222741 ACF(dB) - 3mH	Amp/Cbl/Pad (dB)	Conversion Factor (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.85	-58.65	Pk	34.8	-13.5	11.8	-25.55	27	-52.55	284	351	V
2	5.985443	-68.57	Pk	35.1	-13.5	11.8	-35.17	-27	-8.17	284	351	V

Pk - Peak detector

4TX Antenna 6 + Antenna 4 + Antenna 9 + Antenna 1 CDD OFDMA MODE: 242-Tones, RU Index 61

BANDEDGE (LOW CHANNEL)

HORIZONTAL RESULT

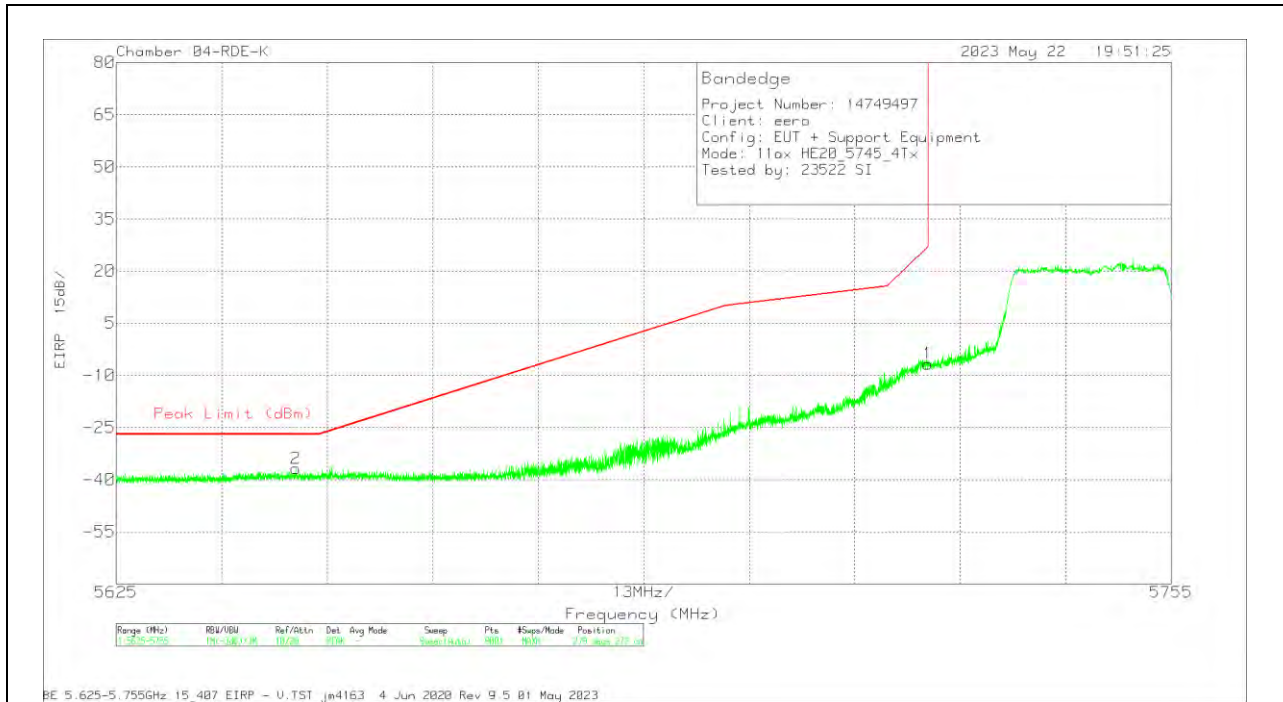


Trace Markers

Marker	Frequency (MHz)	Meter Reading (dBm)	Det	223083 ACF (dB) 3mH	Cbl/Amp (dB)	Conversion Factor (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5725	-12.44	Pk	34.7	-29.4	11.8	4.66	27	-22.34	20	254	H
2	5645.51	-50.65	Pk	34.6	-29.4	11.8	-33.65	-27	-6.65	20	254	H

Pk - Peak detector

VERTICAL RESULT



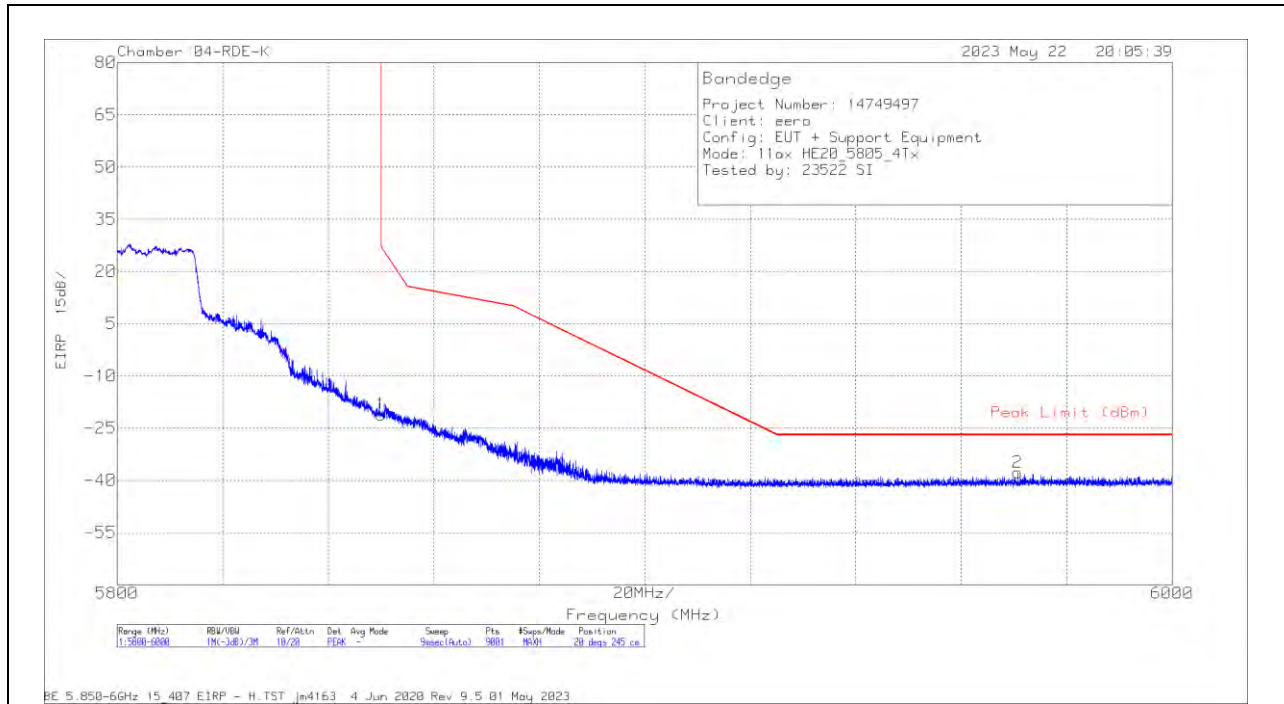
Trace Markers

Marker	Frequency (MHz)	Meter Reading (dBm)	Det	223083 ACF (dB) 3mH	Cbl/Amp (dB)	Conversion Factor (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5725	-23.8	Pk	34.7	-29.4	11.8	-6.7	27	-33.7	279	272	V
2	5647.128	-53.8	Pk	34.6	-29.4	11.8	-36.8	-27	-9.8	279	272	V

Pk - Peak detector

BANDEDGE (HIGH CHANNEL)

HORIZONTAL RESULT

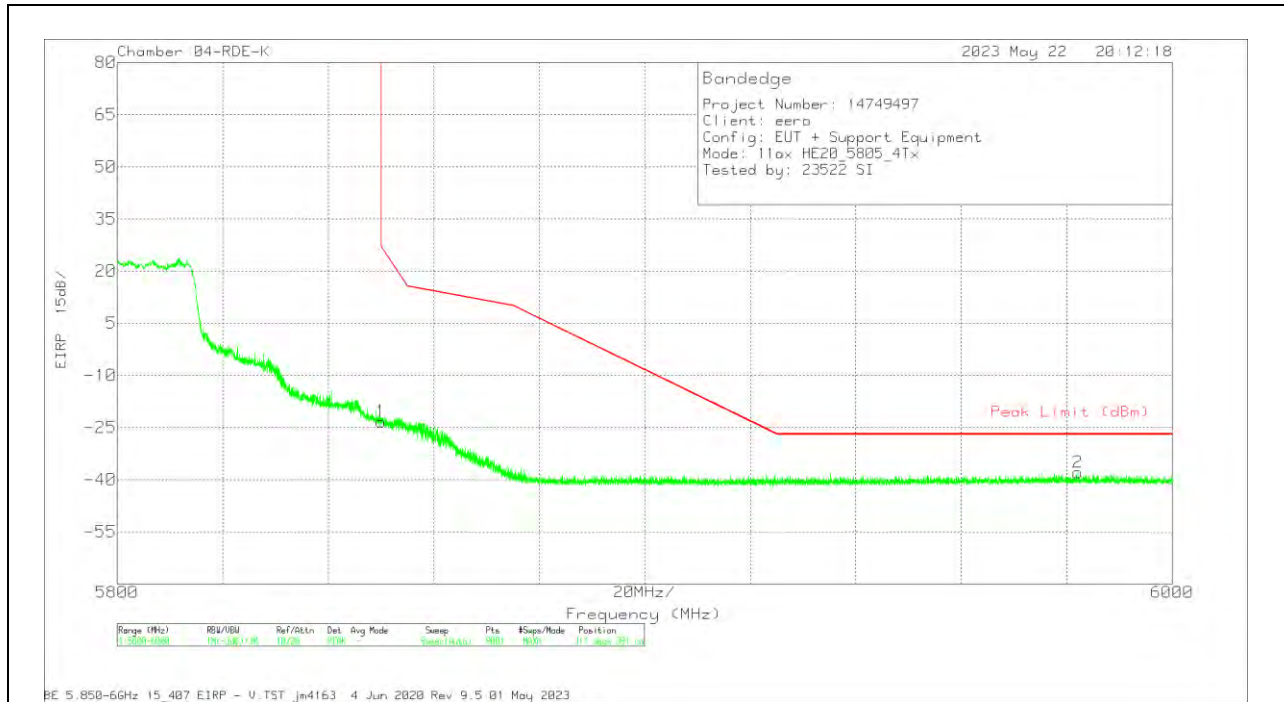


Trace Markers

Marker	Frequency (MHz)	Meter Reading (dBm)	Det	223083 ACF (dB) 3mH	Cbl/Amp (dB)	Conversion Factor (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5850	-38.55	Pk	34.8	-29.2	11.8	-21.15	27	-48.15	20	245	H
2	5970.643	-55.56	Pk	35	-29	11.8	-37.76	-27	-10.76	20	245	H

Pk - Peak detector

VERTICAL RESULT



Trace Markers

Marker	Frequency (MHz)	Meter Reading (dBm)	Det	223083 ACF (dB) 3mH	Cbl/Amp (dB)	Conversion Factor (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5850	-40.71	Pk	34.8	-29.2	11.8	-23.31	27	-50.31	311	391	V
2	5982.132	-55.93	Pk	35	-28.8	11.8	-37.93	-27	-10.93	311	391	V

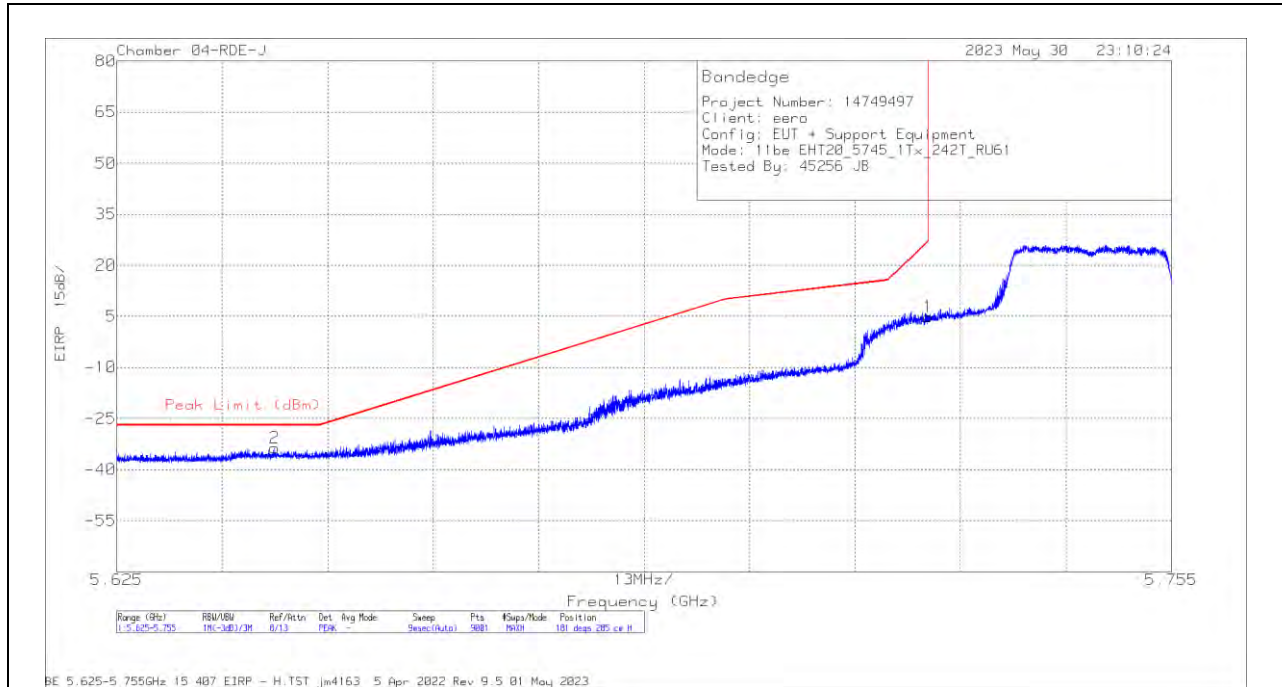
Pk - Peak detector

10.1.8. TX ABOVE 1 GHz 802.11be EHT20 MODE IN THE 5.8GHz BAND

1TX Antenna 6 OFDMA MODE: 242-Tones, RU Index 61

BANDEDGE (LOW CHANNEL)

HORIZONTAL RESULT

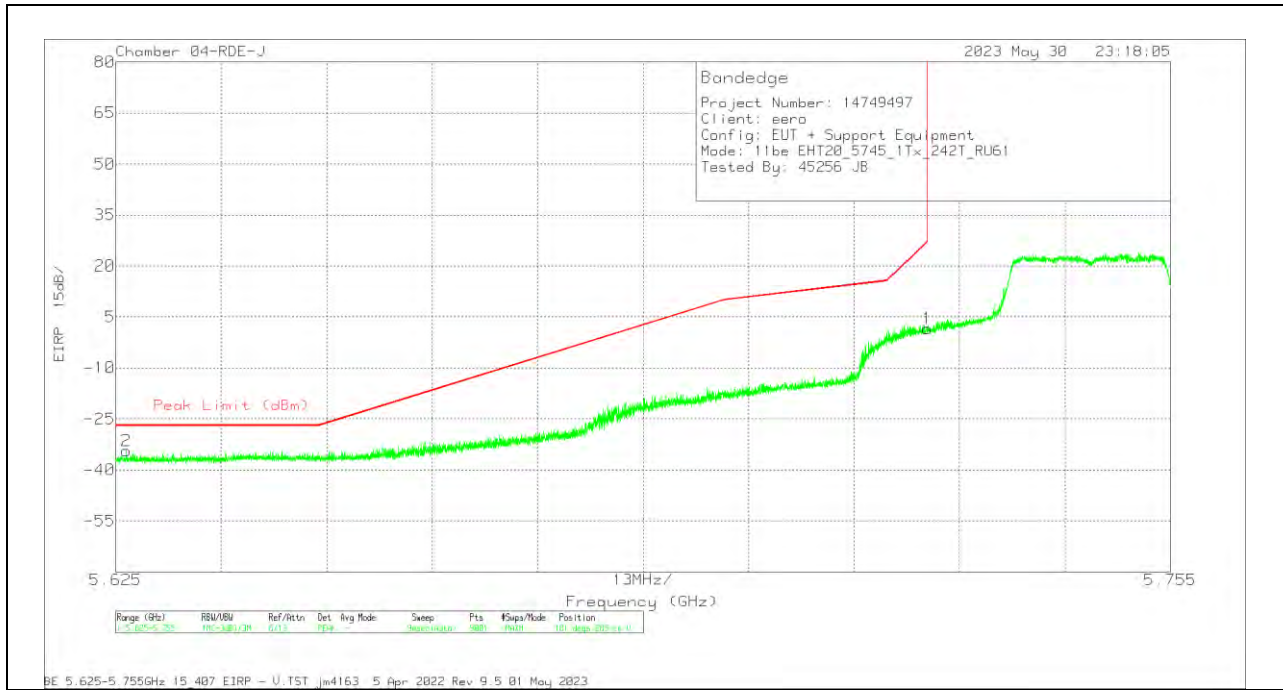


Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBm)	Det	222741 ACF(dB) - 3mH	Cbl/Amp (dB)	Conversion Factor (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.725	-28.56	Pk	34.7	-13.1	11.8	4.84	27	-22.16	181	285	H
2	5.644471	-67.06	Pk	34.6	-13	11.8	-33.66	-27	-6.66	181	285	H

Pk - Peak detector

VERTICAL RESULT



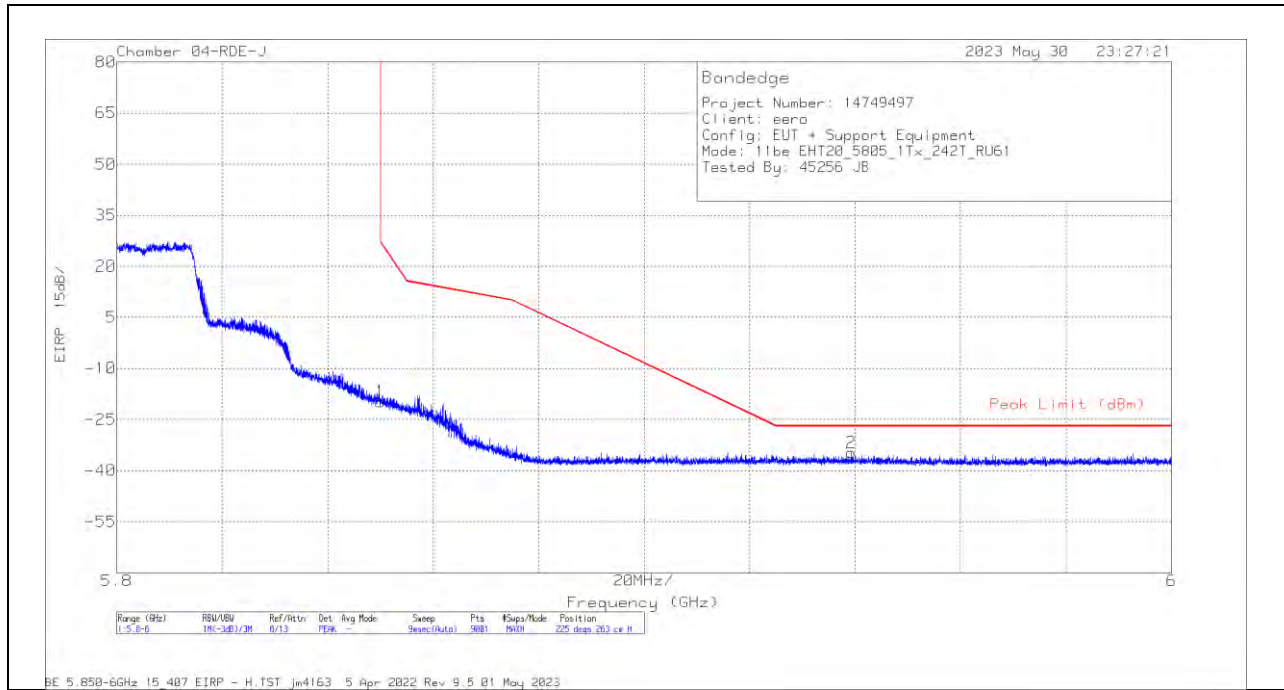
Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBm)	Det	222741 ACF(dB) - 3mH	Cbl/Amp (dB)	Conversion Factor (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.725	-31.79	Pk	34.7	-13.1	11.8	1.61	27	-25.39	181	285	V
2	5.626271	-67.89	Pk	34.6	-12.9	11.8	-34.39	-27	-7.39	181	285	V

Pk - Peak detector

BANDEDGE (HIGH CHANNEL)

HORIZONTAL RESULT

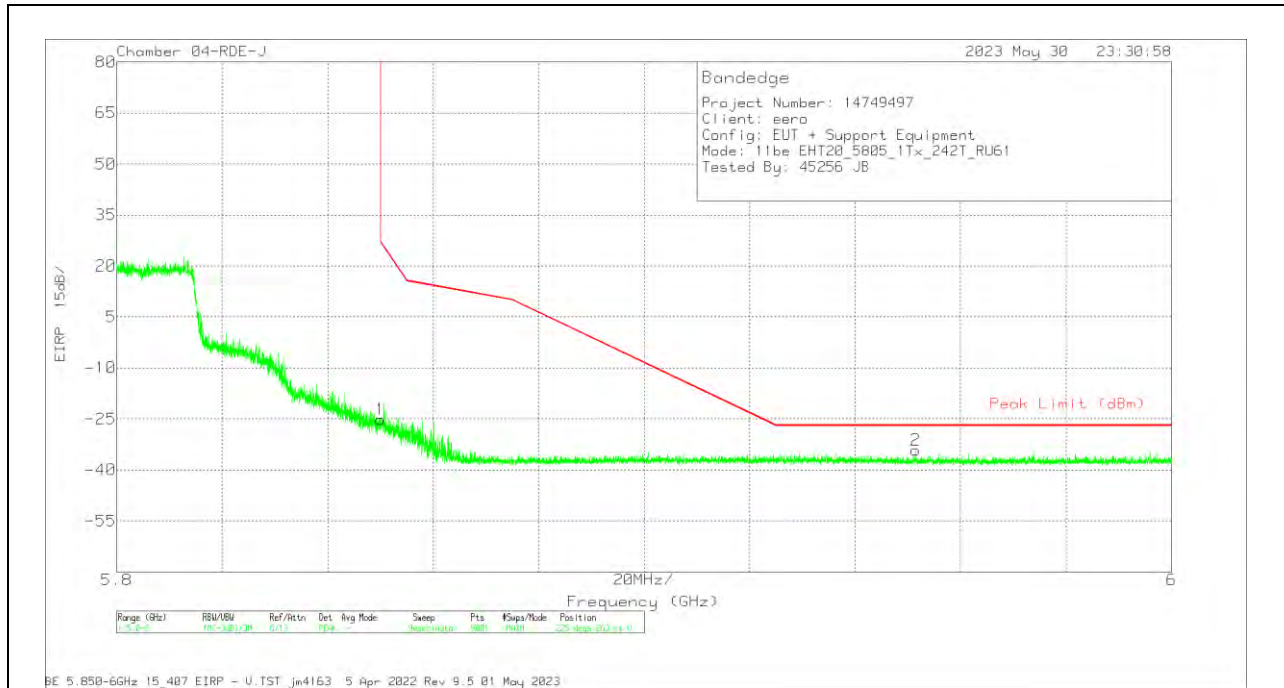


Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBm)	Det	222741 ACF(dB) - 3mH	Cbl/Amp (dB)	Conversion Factor (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.85	-53.5	Pk	34.8	-12.8	11.8	-19.7	27	-46.7	225	263	H
2	5.939288	-68.58	Pk	35	-12.9	11.8	-34.68	-27	-7.68	225	263	H

Pk - Peak detector

VERTICAL RESULT



Trace Markers

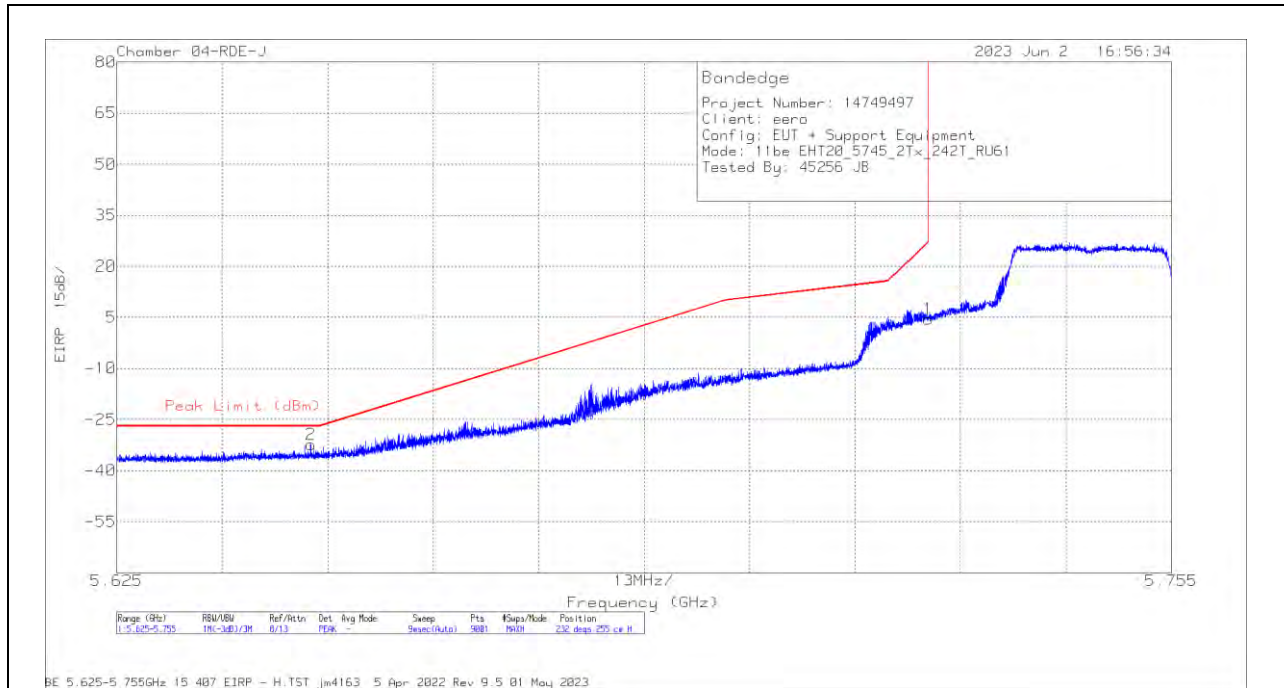
Marker	Frequency (GHz)	Meter Reading (dBm)	Det	222741 ACF(dB) - 3mH	Cbl/Amp (dB)	Conversion Factor (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.85	-58.92	Pk	34.8	-12.8	11.8	-25.12	27	-52.12	225	263	V
2	5.95151	-67.83	Pk	35	-13.1	11.8	-34.13	-27	-7.13	225	263	V

Pk - Peak detector

2TX Antenna 6 + Antenna 4 CDD OFDMA MODE: 242-Tones, RU Index 61

BANDEDGE (LOW CHANNEL)

HORIZONTAL RESULT

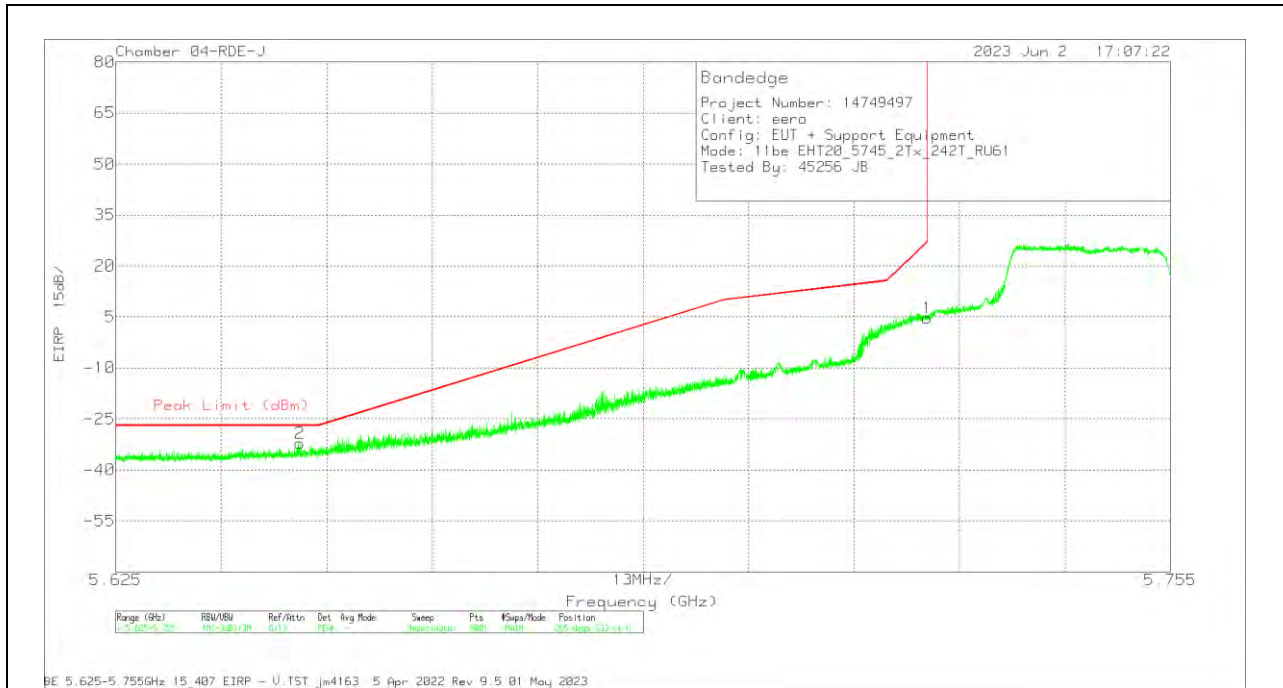


Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBm)	Det	222741 ACF(dB) - 3mH	Cbl/Amp (dB)	Conversion Factor (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.725	-28.81	Pk	34.7	-13.1	11.8	4.59	27	-22.41	232	255	H
2	5.648948	-65.67	Pk	34.6	-13	11.8	-32.27	-27	-5.27	232	255	H

Pk - Peak detector

VERTICAL RESULT



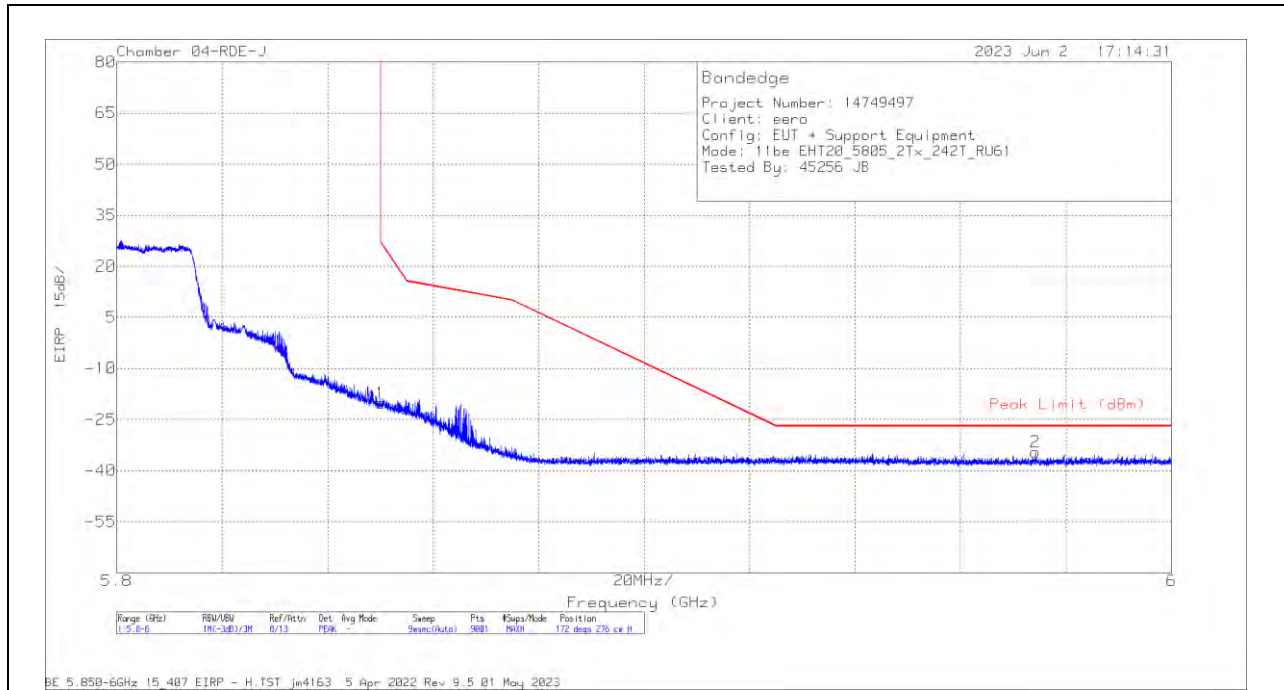
Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBm)	Det	222741 ACF(dB) - 3mH	Cbl/Amp (dB)	Conversion Factor (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.725	-28.66	Pk	34.7	-13.1	11.8	4.74	27	-22.26	265	333	V
2	5.647677	-65.5	Pk	34.6	-13	11.8	-32.1	-27	-5.1	265	333	V

Pk - Peak detector

BANDEDGE (HIGH CHANNEL)

HORIZONTAL RESULT

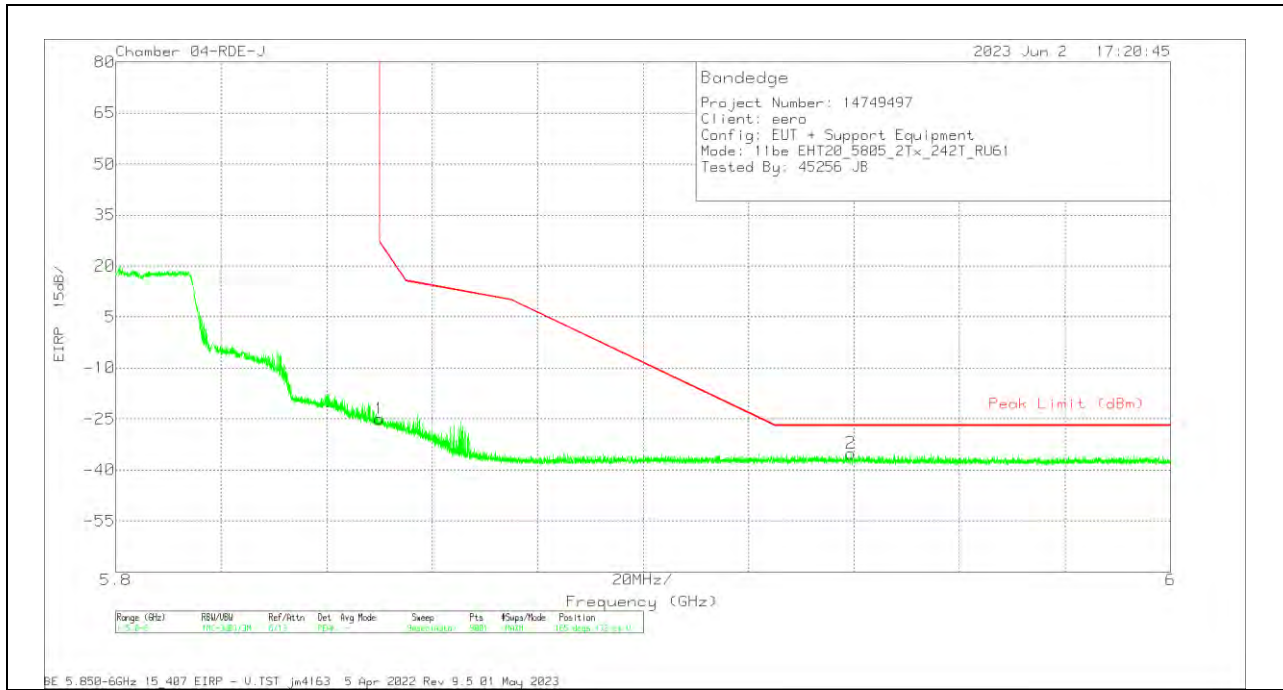


Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBm)	Det	222741 ACF(dB) - 3mH	Cbl/Amp (dB)	Conversion Factor (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.85	-54.01	Pk	34.8	-12.8	11.8	-20.21	27	-47.21	172	276	H
2	5.974243	-68.36	Pk	35.1	-13.1	11.8	-34.56	-27	-7.56	172	276	H

Pk - Peak detector

VERTICAL RESULT



Trace Markers

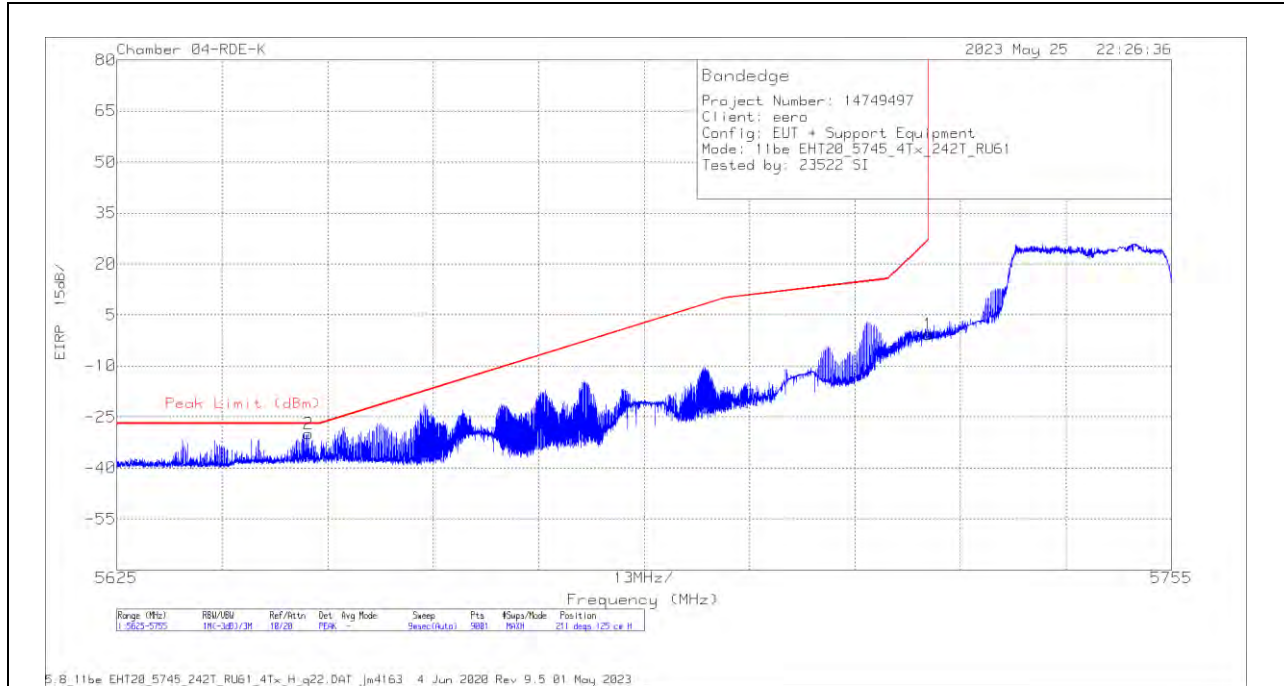
Marker	Frequency (GHz)	Meter Reading (dBm)	Det	222741 ACF(dB) - 3mH	Cbl/Amp (dB)	Conversion Factor (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.85	-58.69	Pk	34.8	-12.8	11.8	-24.89	27	-51.89	165	172	V
2	5.939443	-68.9	Pk	35	-12.9	11.8	-35	-27	-8	165	172	V

Pk - Peak detector

4TX Antenna 6 + Antenna 4 + Antenna 9 + Antenna 1 CDD OFDMA MODE: 242-Tones, RU Index 61

BANDEDGE (LOW CHANNEL)

HORIZONTAL RESULT

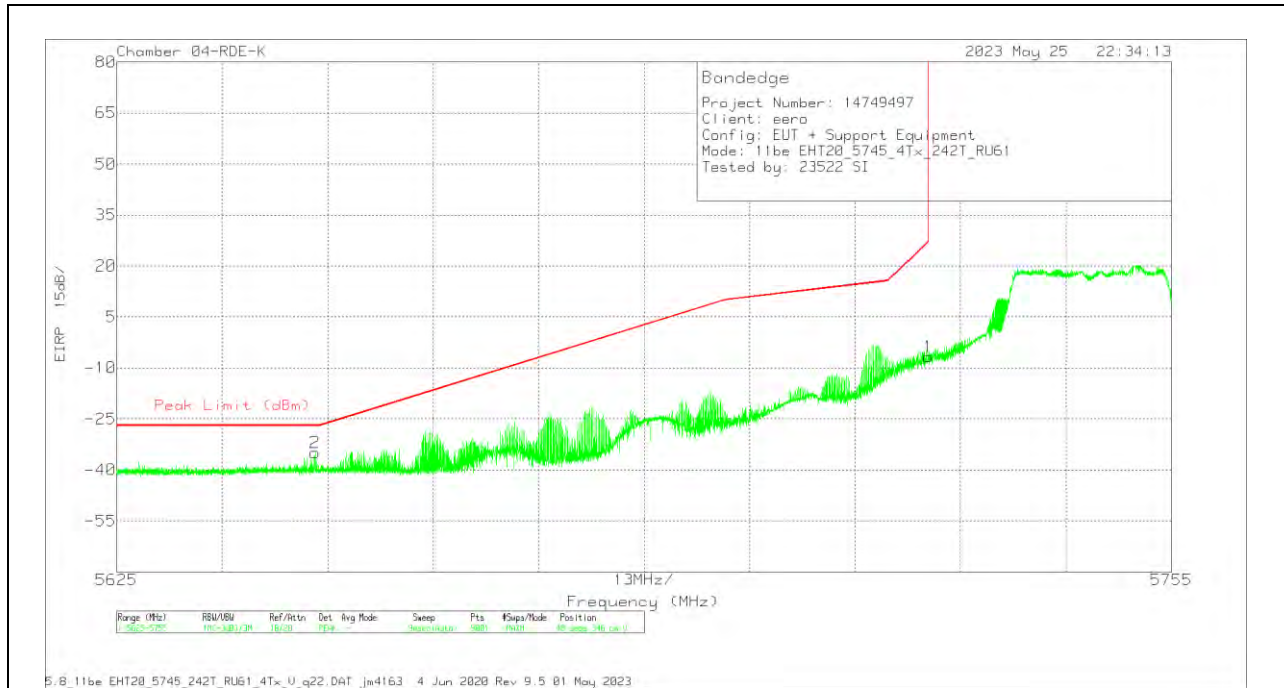


Trace Markers

Marker	Frequency (MHz)	Meter Reading (dBm)	Det	223083 ACF (dB) 3mH	Cbl/Amp (dB)	Conversion Factor (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5725	-17.75	Pk	34.7	-29.4	11.8	-65	27	-27.65	211	125	H
2	5648.63	-46.95	Pk	34.6	-29.4	11.8	-29.95	-27	-2.95	211	125	H

Pk - Peak detector

VERTICAL RESULT



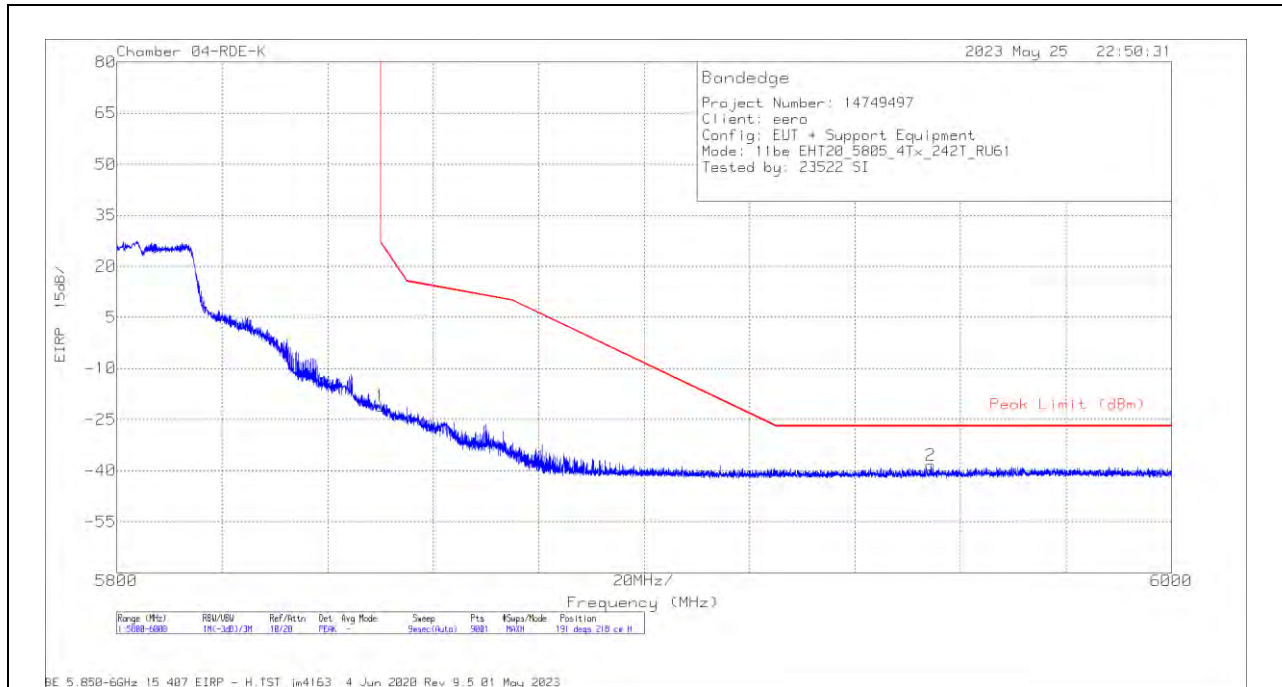
Trace Markers

Marker	Frequency (MHz)	Meter Reading (dBm)	Det	223083 ACF (dB) 3mH	Cbl/Amp (dB)	Conversion Factor (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5725	-23.83	Pk	34.7	-29.4	11.8	-6.73	27	-33.73	48	346	V
2	5649.439	-51.93	Pk	34.6	-29.4	11.8	-34.93	-27	-7.93	48	346	V

Pk - Peak detector

BANDEGE (HIGH CHANNEL)

HORIZONTAL RESULT

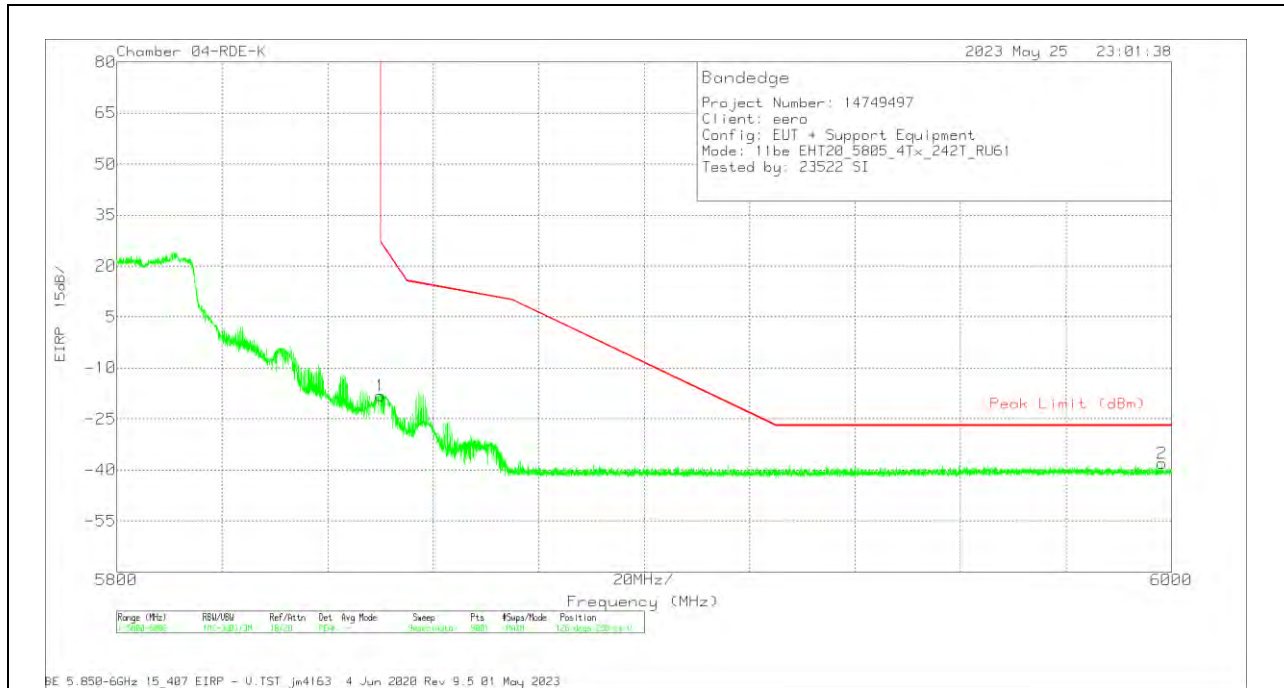


Trace Markers

Marker	Frequency (MHz)	Meter Reading (dBm)	Det	223083 ACF (dB) 3mH	Cbl/Amp (dB)	Conversion Factor (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5850	-38.43	Pk	34.8	-29.2	11.8	-21.03	27	-48.03	191	218	H
2	5954.398	-56.14	Pk	35	-29	11.8	-38.34	-27	-11.34	191	218	H

Pk - Peak detector

VERTICAL RESULT



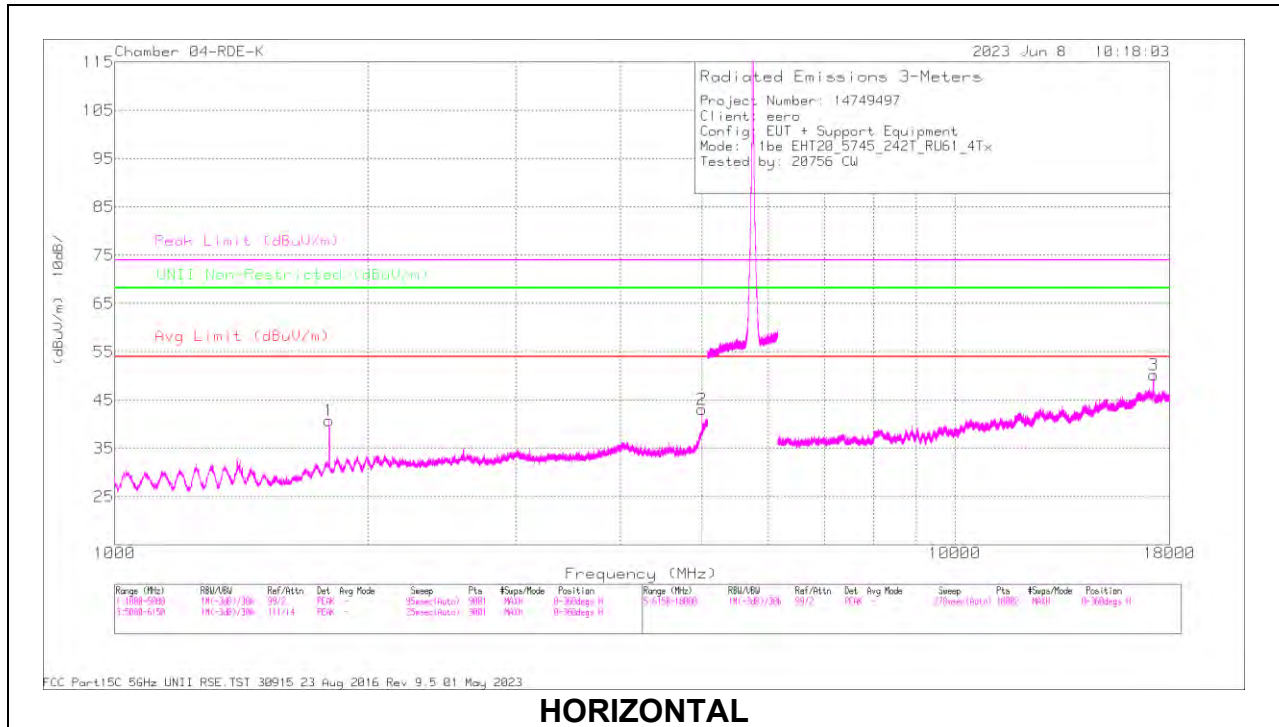
Trace Markers

Marker	Frequency (MHz)	Meter Reading (dBm)	Det	223083 ACF (dB) 3mH	Cbl/Amp (dB)	Conversion Factor (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5850	-35.52	Pk	34.8	-29.2	11.8	-18.12	27	-45.12	126	258	V
2	5998.22	-55.88	Pk	35	-29	11.8	-38.08	-27	-11.08	126	258	V

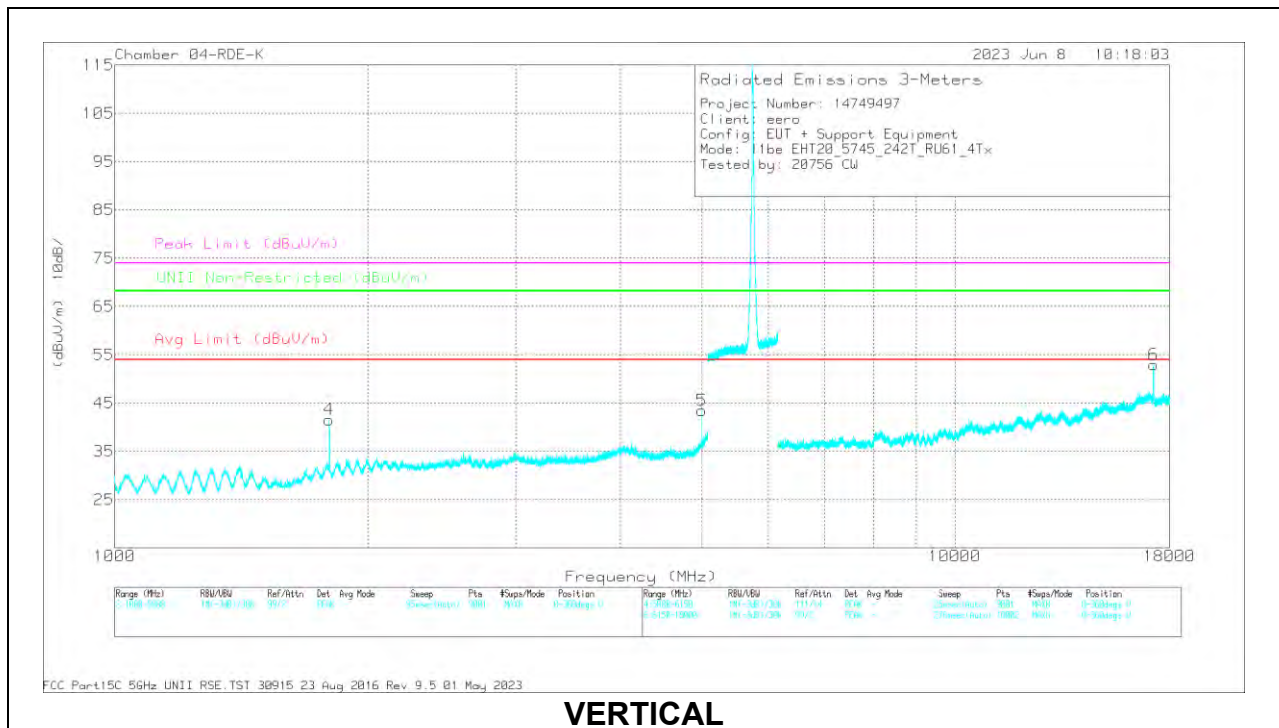
Pk - Peak detector

HARMONICS AND SPURIOUS EMISSIONS

LOW CHANNEL



HORIZONTAL



VERTICAL

RADIATED EMISSIONS

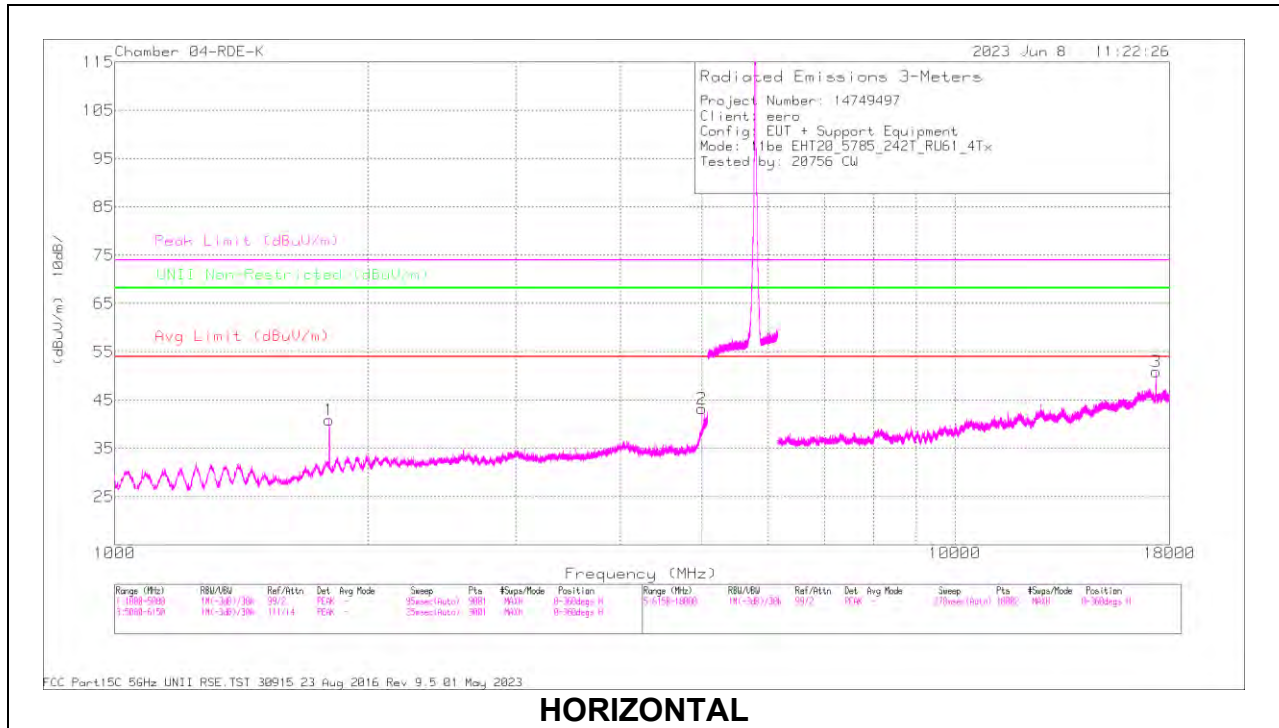
Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	223083 ACF (dB) 3mH	Cbl/Amp (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	1800.154	62.13	PK-U	30.2	-45.1	47.23	-	-	-	-	68.2	-20.97	168	233	H
2	* 5000.079	57.1	PK-U	33.8	-38.5	52.4	-	-	74	-21.6	-	-	201	263	H
	* 5000.155	49.76	ADR	33.8	-38.5	45.06	54	-8.94	-	-	-	-	201	263	H
4	1800.675	62.33	PK-U	30.2	-45.2	47.33	-	-	-	-	68.2	-20.87	155	105	V
5	* 5000.08	55.34	PK-U	33.8	-38.5	50.64	-	-	74	-23.36	-	-	175	151	V
	* 4999.987	48.77	ADR	33.8	-38.5	44.07	54	-9.93	-	-	-	-	175	151	V
3	17240.268	49.97	PK-U	41.1	-30.8	60.27	-	-	-	-	68.2	-7.93	53	111	H
6	17233.625	53.58	PK-U	41.1	-31	63.68	-	-	-	-	68.2	-4.52	29	177	V

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

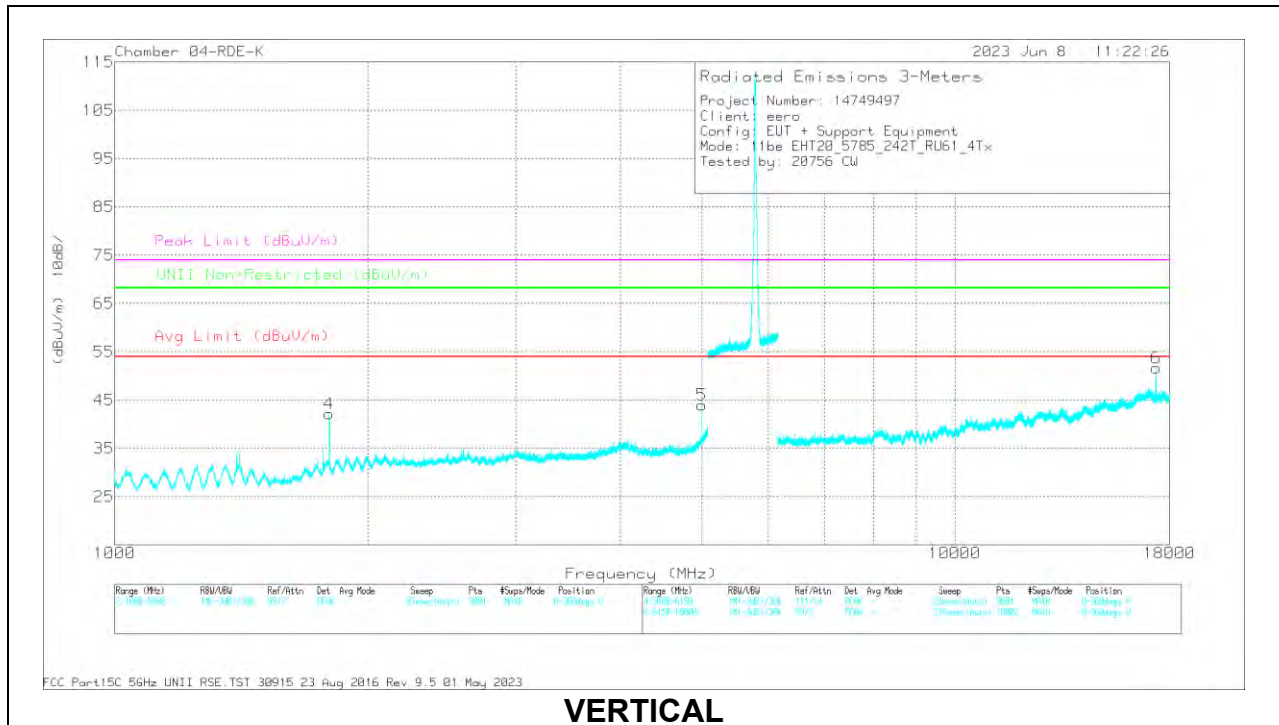
PK-U - U-NII: Maximum Peak

ADR - U-NII AD primary method, RMS average

MID CHANNEL



HORIZONTAL



VERTICAL

RADIATED EMISSIONS

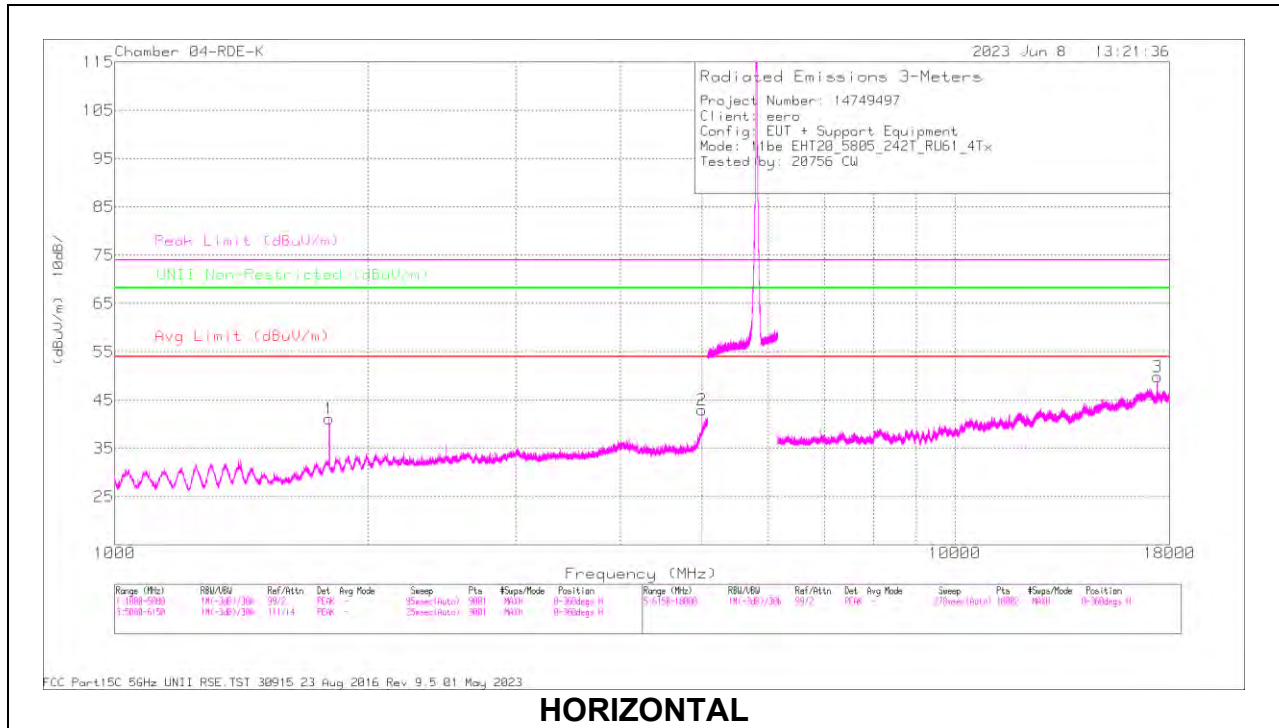
Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	223083 ACF (dB) 3mH	Cbl/Amp (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	1800.536	62.57	PK-U	30.2	-45.2	47.57	-	-	-	-	68.2	-20.63	168	230	H
2	* 4999.994	56.96	PK-U	33.8	-38.5	52.26	-	-	74	-21.74	-	-	198	271	H
	* 5000.096	49.35	ADR	33.8	-38.5	44.65	54	-9.35	-	-	-	-	198	271	H
4	1799.045	61.98	PK-U	30.2	-45.2	46.98	-	-	-	-	68.2	-21.22	158	111	V
5	* 4999.982	55.99	PK-U	33.8	-38.5	51.29	-	-	74	-22.71	-	-	176	126	V
	* 4999.905	49.18	ADR	33.8	-38.5	44.48	54	-9.52	-	-	-	-	176	126	V
3	17354.772	49.79	PK-U	41	-30.5	60.29	-	-	-	-	68.2	-7.91	360	137	H
6	17354.599	53.69	PK-U	41	-30.5	64.19	-	-	-	-	68.2	-4.01	17	111	V

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

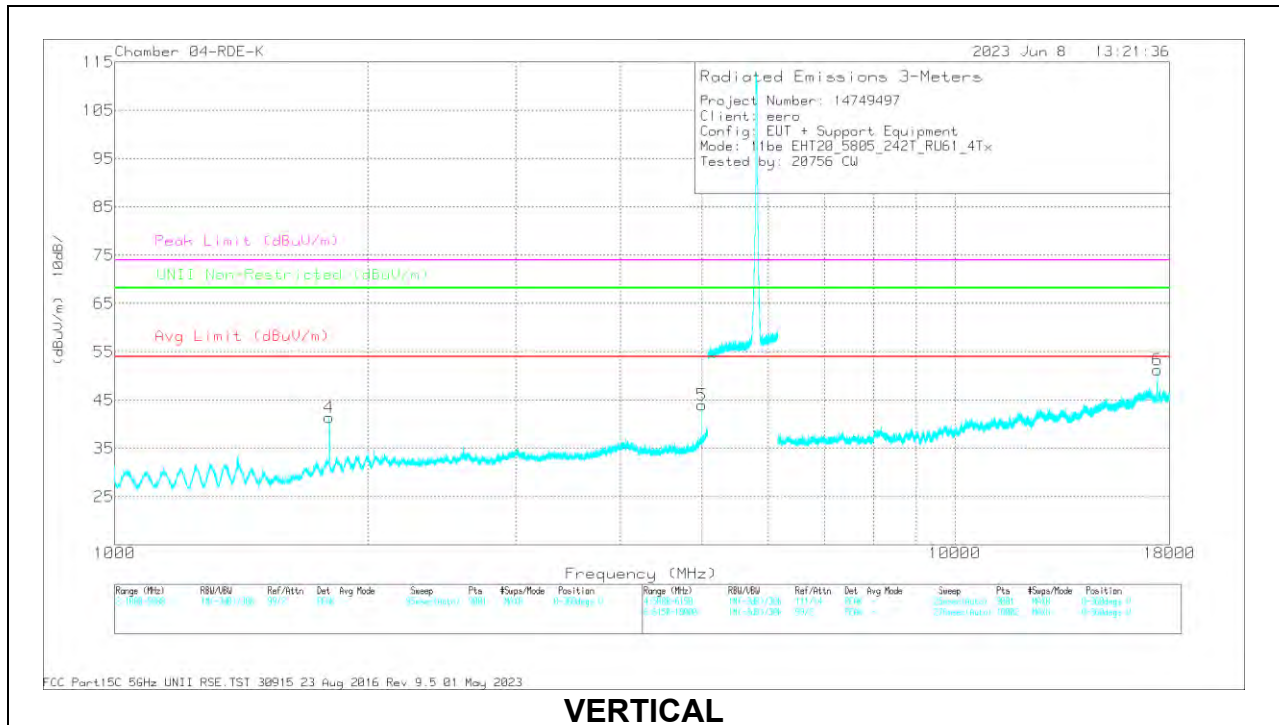
PK-U - U-NII: Maximum Peak

ADR - U-NII AD primary method, RMS average

HIGH CHANNEL



HORIZONTAL



VERTICAL

RADIATED EMISSIONS

Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	223083 ACF (dB) 3mH	Cbl/Amp (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	1800.171	62.63	PK-U	30.2	-45.1	47.73	-	-	-	-	68.2	-20.47	164	228	H
2	* 5000.098	57.61	PK-U	33.8	-38.5	52.91	-	-	74	-21.09	-	-	206	232	H
	* 5000.086	49.86	ADR	33.8	-38.5	45.16	54	-8.84	-	-	-	-	206	232	H
4	1800.194	62.88	PK-U	30.2	-45.1	47.98	-	-	-	-	68.2	-20.22	157	105	V
5	* 4999.883	55.69	PK-U	33.8	-38.5	50.99	-	-	74	-23.01	-	-	173	172	V
	* 4999.937	49.26	ADR	33.8	-38.5	44.56	54	-9.44	-	-	-	-	173	172	V
3	17414.634	48.89	PK-U	40.9	-30.1	59.69	-	-	-	-	68.2	-8.51	54	236	H
6	17414.257	52.02	PK-U	40.9	-30.1	62.82	-	-	-	-	68.2	-5.38	15	367	V

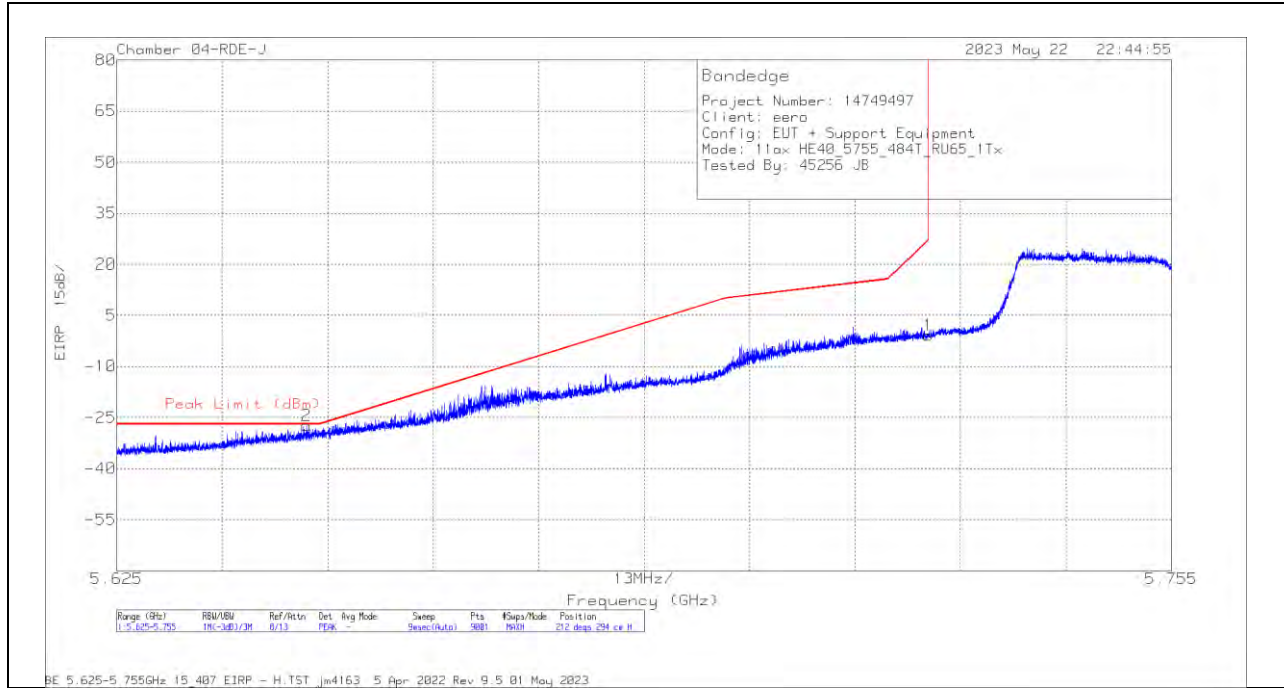
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band
 PK-U - U-NII: Maximum Peak
 ADR - U-NII AD primary method, RMS average

10.1.9. TX ABOVE 1 GHz 802.11ax HE40 MODE IN THE 5.8GHz BAND

1TX Antenna 6 OFDMA MODE: 484-Tones, RU Index 65

BANDEDGE (LOW CHANNEL)

HORIZONTAL RESULT

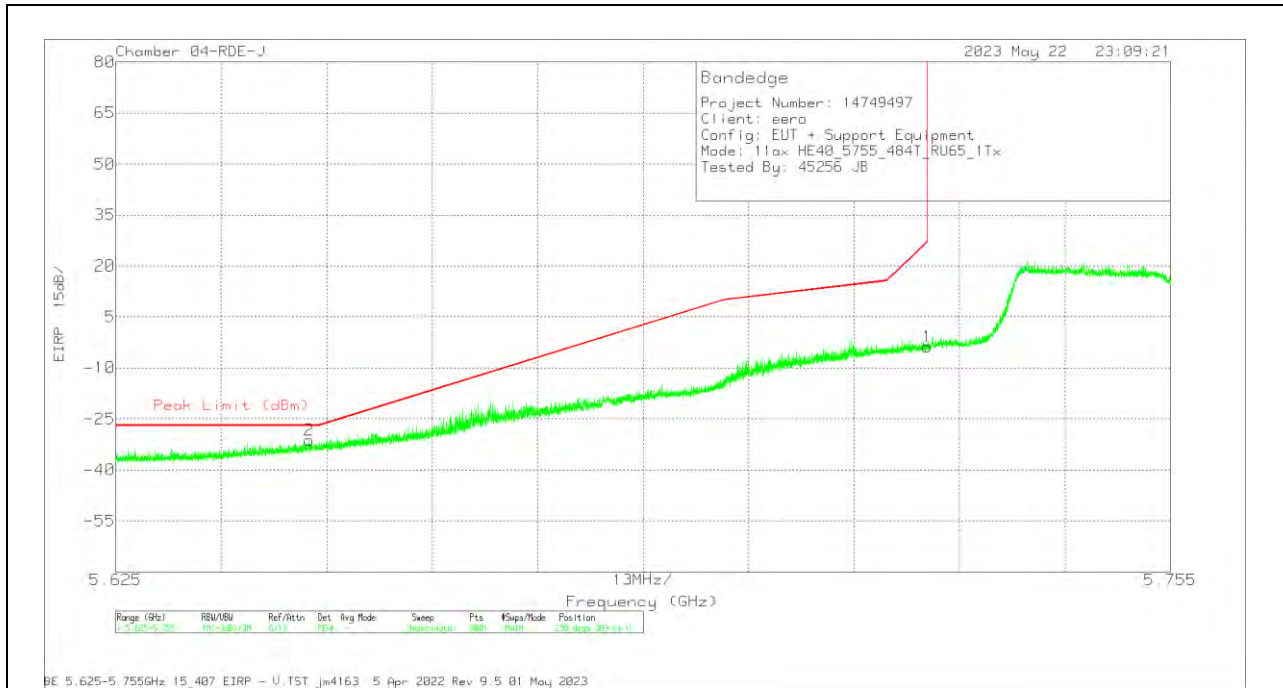


Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBm)	Det	222741 ACF(dB) - 3mH	Amp/Cbl/Pad (dB)	Conversion Factor (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.725	-33.9	PK	34.7	-13.4	11.8	-8	27	-27.8	212	294	H
2	5.648428	-60.11	PK	34.6	-13.6	11.8	-27.31	-27	-31	212	294	H

Pk - Peak detector

VERTICAL RESULT



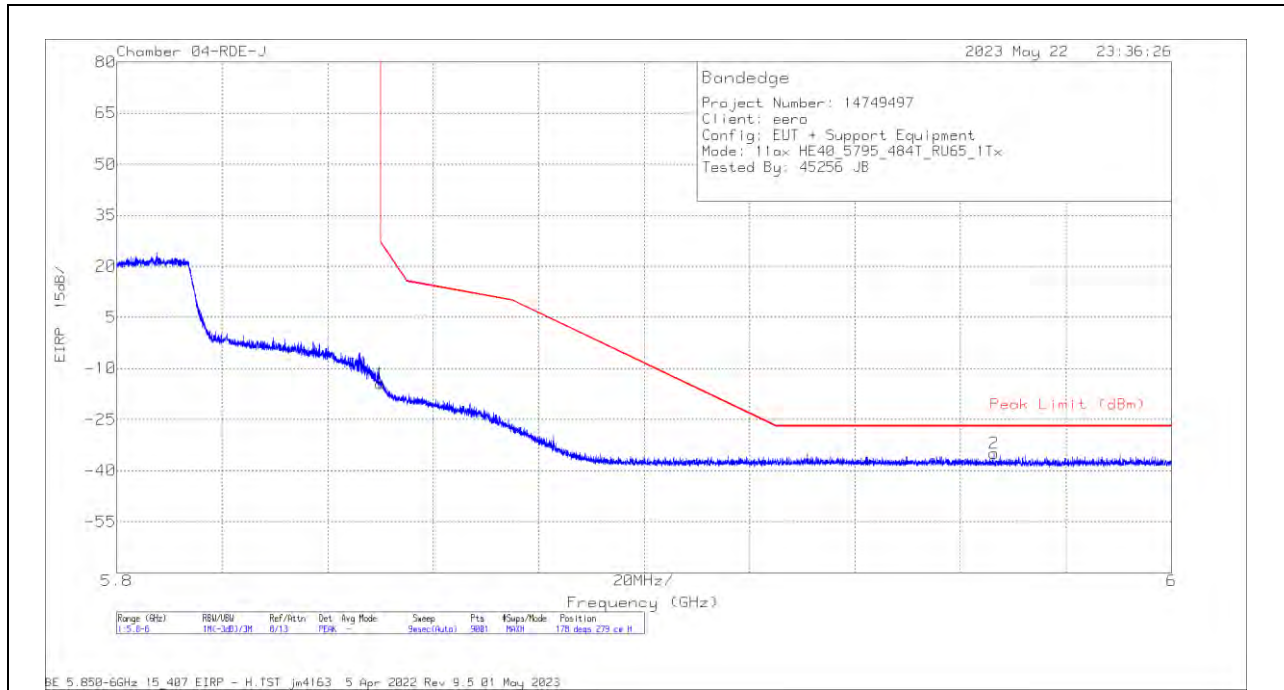
Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBm)	Det	222741 ACF(dB) - 3mH	Amp/Cbl/Pad (dB)	Conversion Factor (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.725	-36.84	Pk	34.7	-13.4	11.8	-3.74	27	-30.74	238	309	V
2	5.64889	-64.09	Pk	34.6	-13.6	11.8	-31.29	-27	-4.29	238	309	V

Pk - Peak detector

BANEDGE (HIGH CHANNEL)

HORIZONTAL RESULT

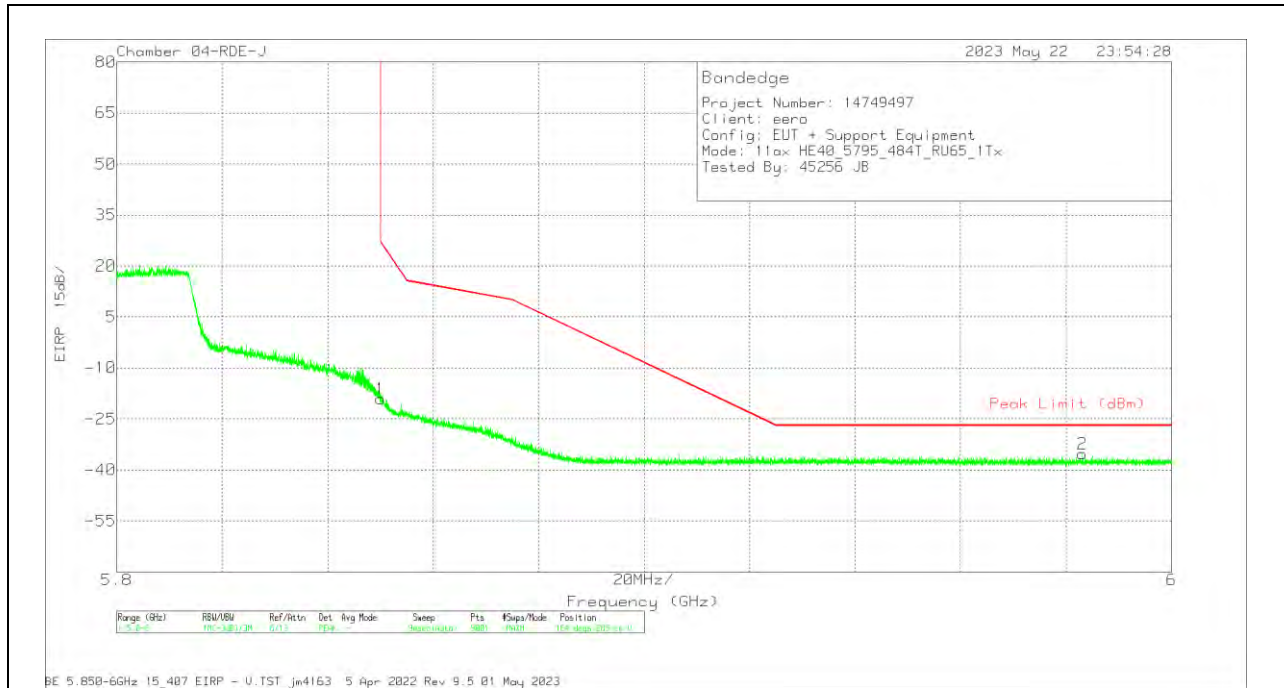


Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBm)	Det	222741 ACF(dB) - 3mH	Amp/Cbl/Pad (dB)	Conversion Factor (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.85	-47.56	PK	34.8	-13.5	11.8	-14.46	27	-41.46	178	279	H
2	5.966354	-68.23	PK	35.1	-13.6	11.8	-34.93	-27	-7.93	178	279	H

Pk - Peak detector

VERTICAL RESULT



Trace Markers

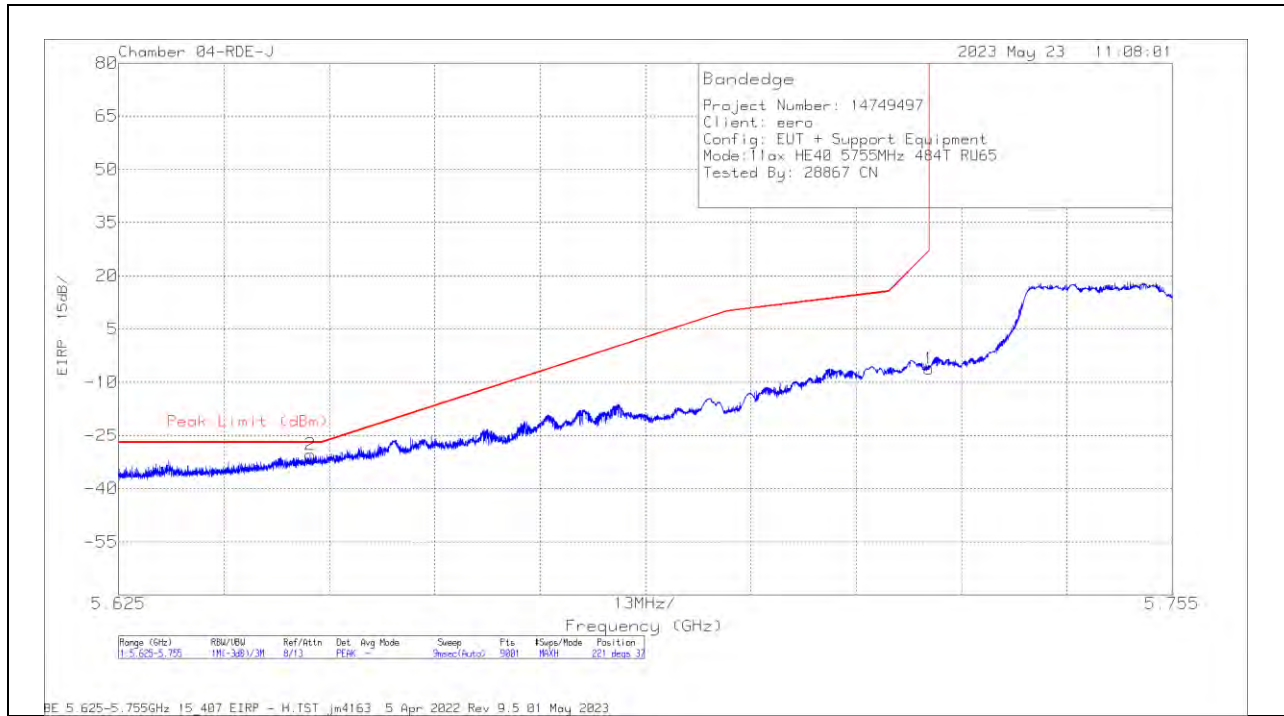
Marker	Frequency (GHz)	Meter Reading (dBm)	Det	222741 ACF(dB) - 3mH	Amp/Cbl/Pad (dB)	Conversion Factor (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.85	-52.12	Pk	34.8	-13.5	11.8	-19.02	27	-46.02	164	285	V
2	5.983109	-68.65	Pk	35.1	-13.6	11.8	-35.35	-27	-8.35	164	285	V

Pk - Peak detector

2TX Antenna 6 + Antenna 4 CDD OFDMA MODE: 484-Tones, RU Index 65

BANDEDGE (LOW CHANNEL)

HORIZONTAL RESULT

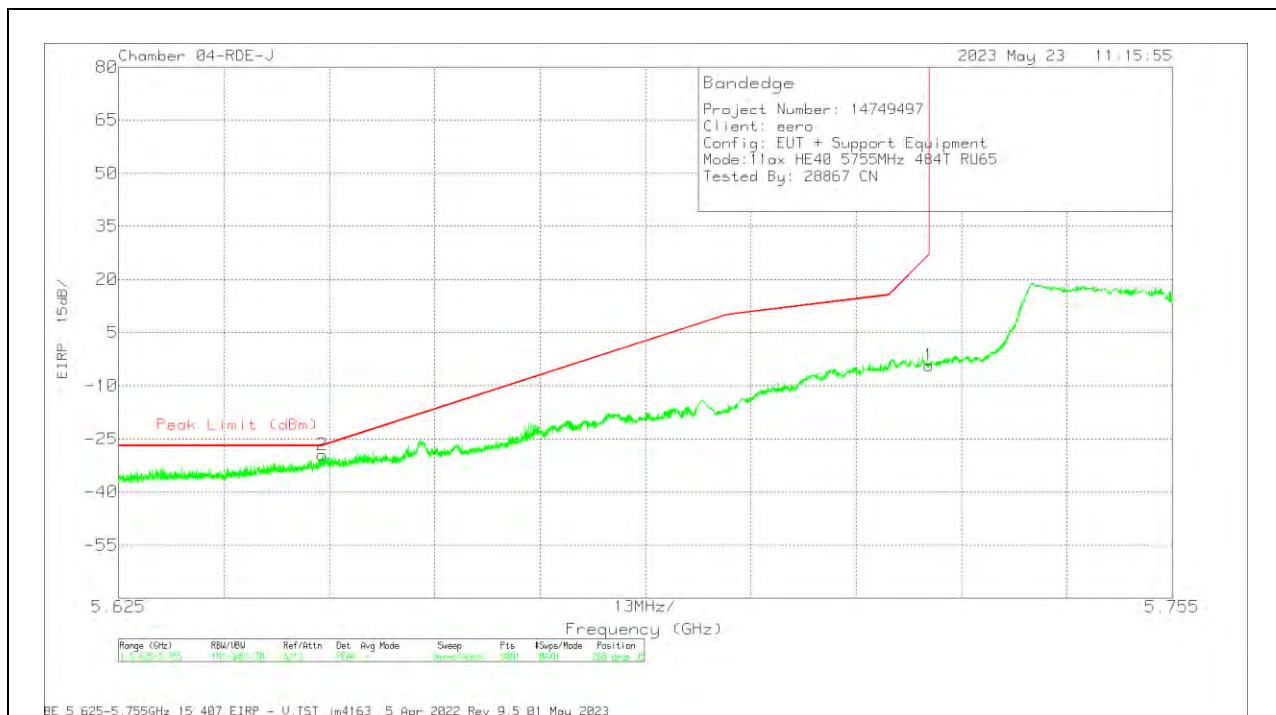


Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBm)	Det	222741 ACF(dB) - 3mH	Amp/Cbl/Pad (dB)	Conversion Factor (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.725	-39.3	Pk	34.7	-13.4	11.8	-6.2	27	-33.2	221	371	H
2	5.648659	-63.28	Pk	34.6	-13.6	11.8	-30.48	-27	-3.48	221	371	H

Pk - Peak detector

VERTICAL RESULT



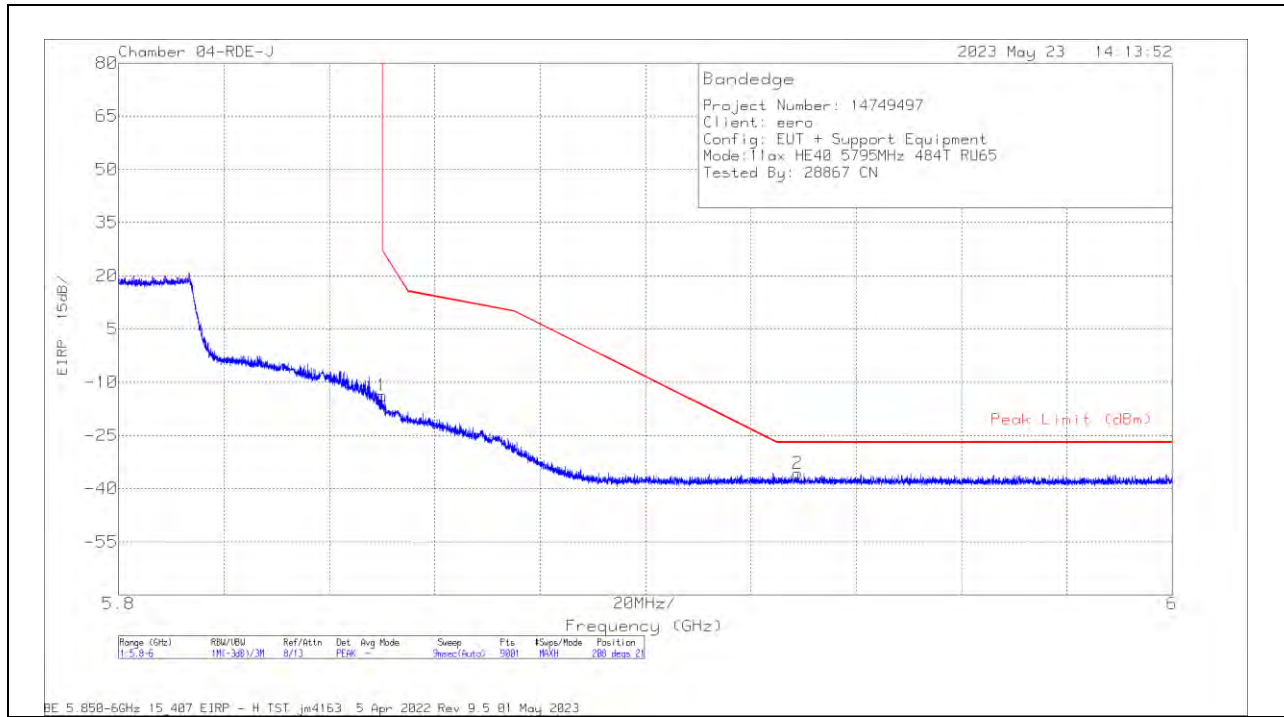
Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBm)	Det	222741 ACF(dB) - 3mH	Amp/Cbl/Pad (dB)	Conversion Factor (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.725	-37.38	Pk	34.7	-13.4	11.8	-4.28	27	-31.28	268	355	V
2	5.650147	-62.32	Pk	34.6	-13.6	11.8	-29.52	-26.89	-2.63	268	355	V

Pk - Peak detector

BANDEDGE (HIGH CHANNEL)

HORIZONTAL RESULT



Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBm)	Det	222741 ACF(dB) - 3mH	Amp/Cbl/Pad (dB)	Conversion Factor (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.85	-46.86	PK	34.8	-13.5	11.8	-13.76	27	-40.76	208	216	H
2	5.92891	-69.09	PK	35	-13.4	11.8	-35.69	-27	-8.69	208	216	H

Pk - Peak detector

VERTICAL RESULT



Trace Markers

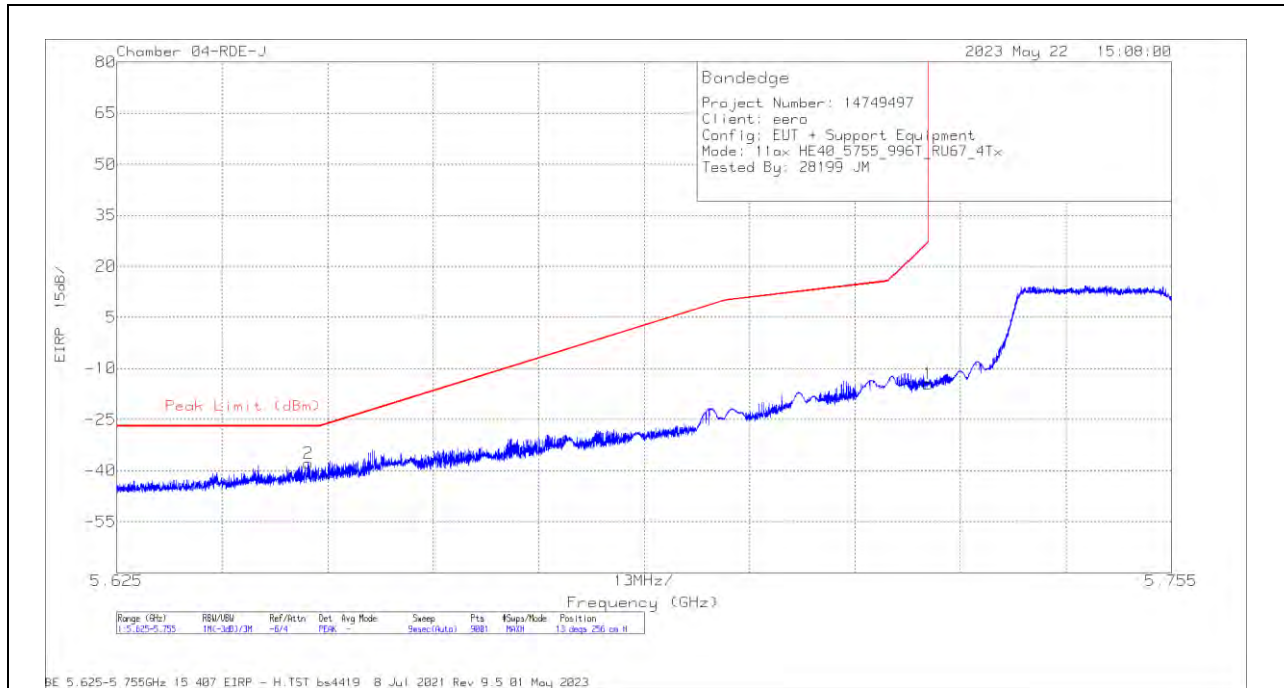
Marker	Frequency (GHz)	Meter Reading (dBm)	Det	222741 ACF(dB) - 3mH	Amp/Cbl/Pad (dB)	Conversion Factor (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.85	-51.68	Pk	34.8	-13.5	11.8	-18.58	27	-45.58	284	270	V
2	5.927288	-68.54	Pk	35	-13.5	11.8	-35.24	-27	-8.24	284	270	V

Pk - Peak detector

4TX Antenna 6 + Antenna 4 + Antenna 9 + Antenna 1 CDD OFDMA MODE: 484-Tones, RU Index 65

BANDEDGE (LOW CHANNEL)

HORIZONTAL RESULT

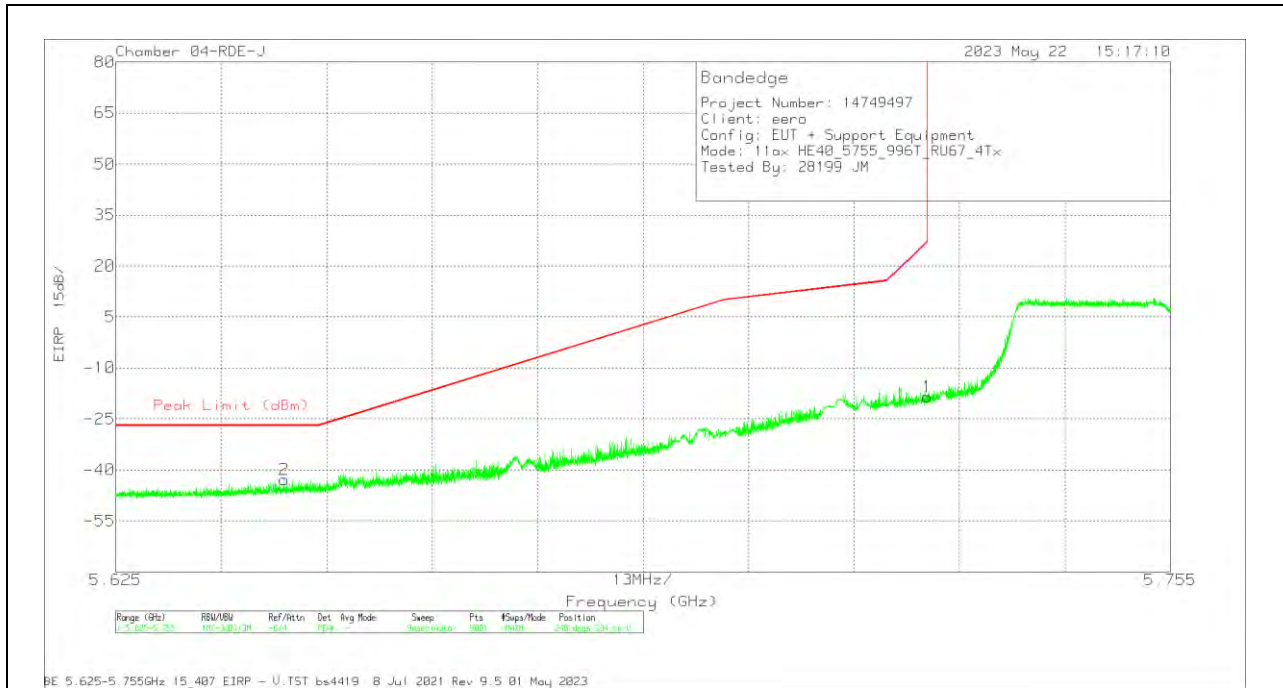


Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBm)	Det	222741 ACF(dB) - 3mH	Amp/Cbl/Pad (dB)	Conversion Factor (dB)	10 dB Pad	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.725	-47.64	Pk	34.7	-13.4	11.8	10	-4.54	27	-31.54	13	256	H
2	5.648659	-70.66	Pk	34.6	-13.6	11.8	10	-27.86	-27	-86	13	256	H

Pk - Peak detector

VERTICAL RESULT



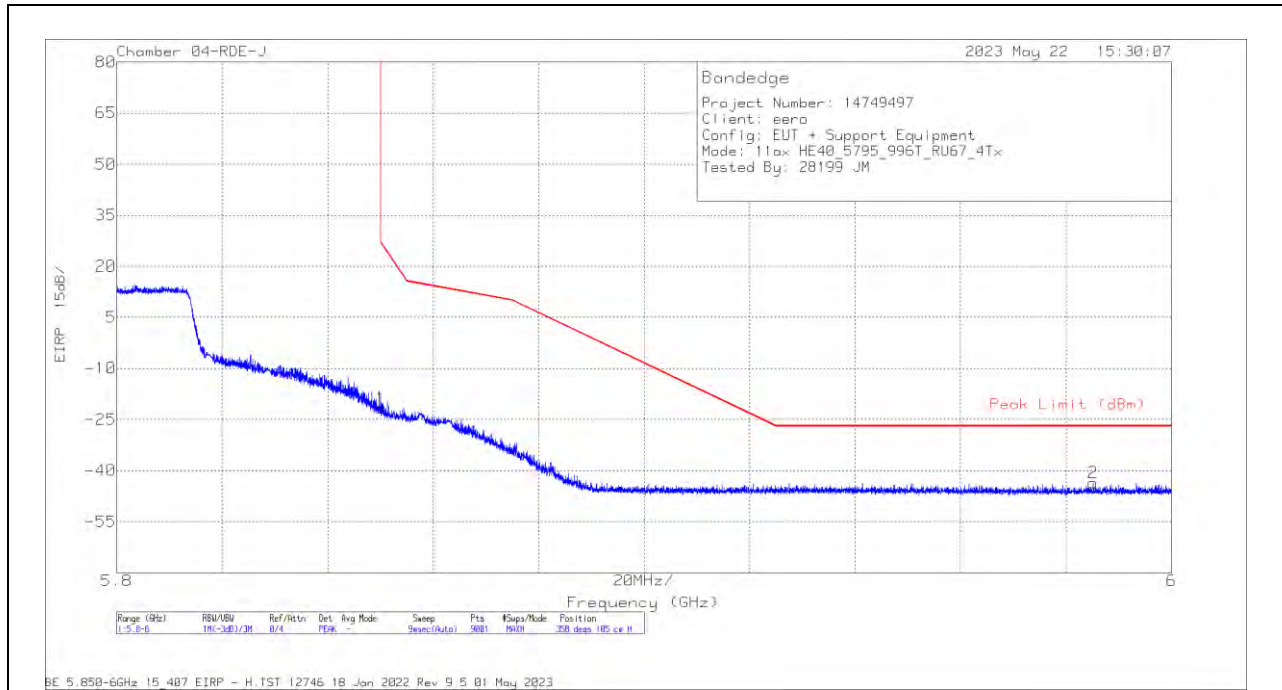
Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBm)	Det	222741 ACF(dB) - 3mH	Amp/Cbl/Pad (dB)	Conversion Factor (dB)	10 dB Pad	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.725	-51.58	PK	34.7	-13.4	11.8	10	-8.48	27	-35.48	248	334	V
2	5.645756	-75.61	PK	34.6	-13.6	11.8	10	-32.81	-27	-5.81	248	334	V

Pk - Peak detector

BANDEDGE (HIGH CHANNEL)

HORIZONTAL RESULT

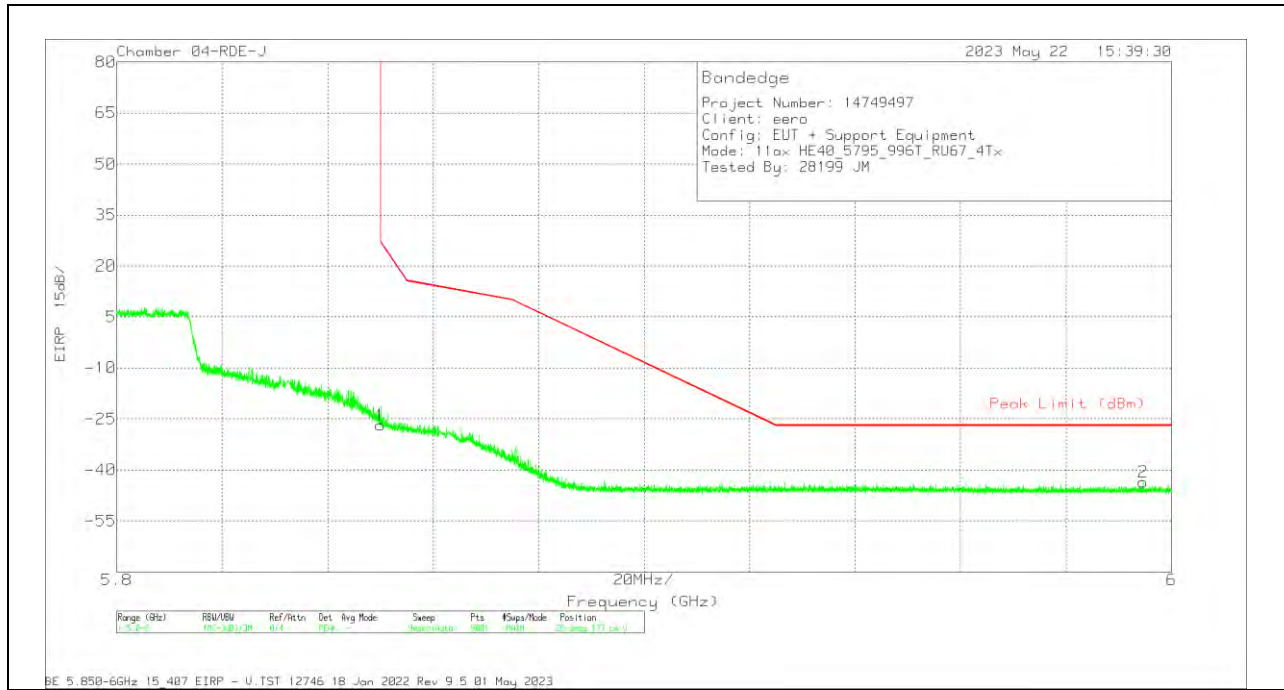


Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBm)	Det	222741 ACF(dB) - 3mH	Amp/Cbl/Pad (dB)	Conversion Factor (dB)	10 dB Pad	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.85	-54.78	Pk	34.8	-13.5	11.8	10	-11.68	27	-38.68	358	105	H
2	5.985131	-76.97	Pk	35.1	-13.5	11.8	10	-33.57	-27	-6.57	358	105	H

Pk - Peak detector

VERTICAL RESULT



Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBm)	Det	222741 ACF(dB) - 3mH	Amp/Cbl/Pad (dB)	Conversion Factor (dB)	10 dB Pad	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.85	-59.92	Pk	34.8	-13.5	11.8	10	-16.82	27	-43.82	26	177	V
2	5.994598	-77.04	Pk	35.1	-13.4	11.8	10	-33.54	-27	-6.54	26	177	V

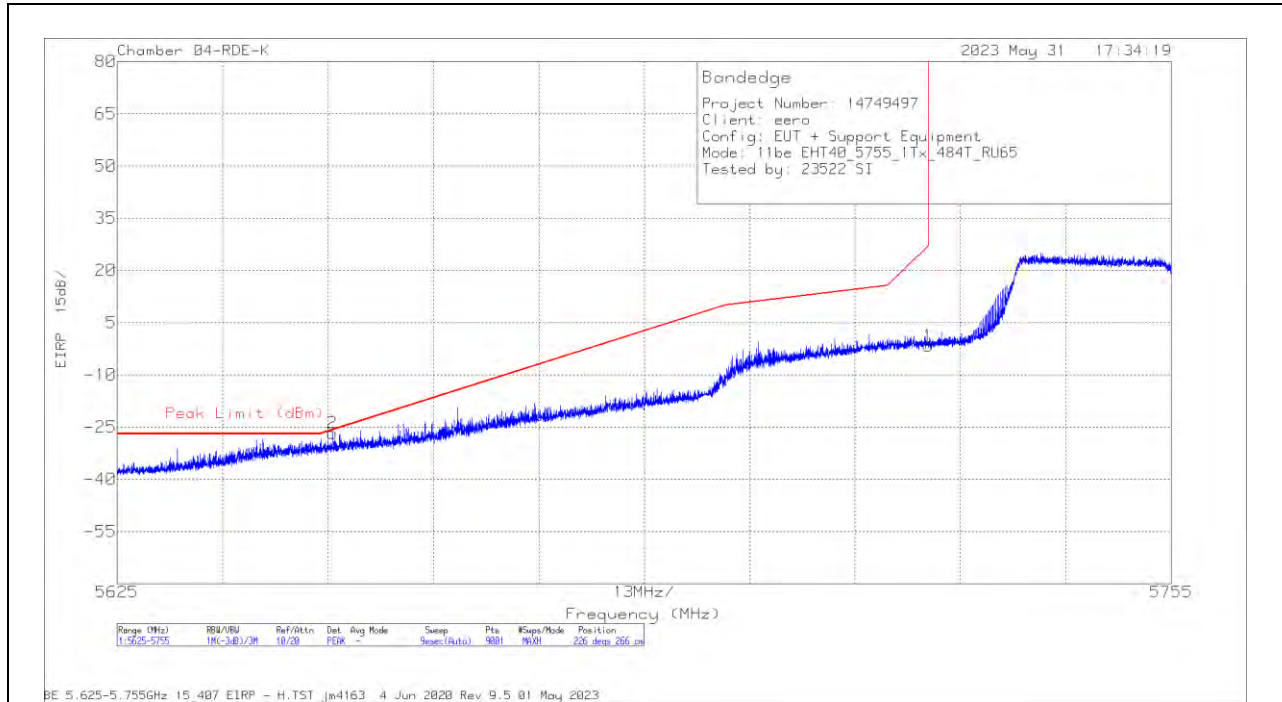
Pk - Peak detector

10.1.10. TX ABOVE 1 GHz 802.11be EHT40 MODE IN THE 5.8GHz BAND

1TX Antenna 6 OFDMA MODE: 484-Tones, RU Index 65

BANDEDGE (LOW CHANNEL)

HORIZONTAL RESULT

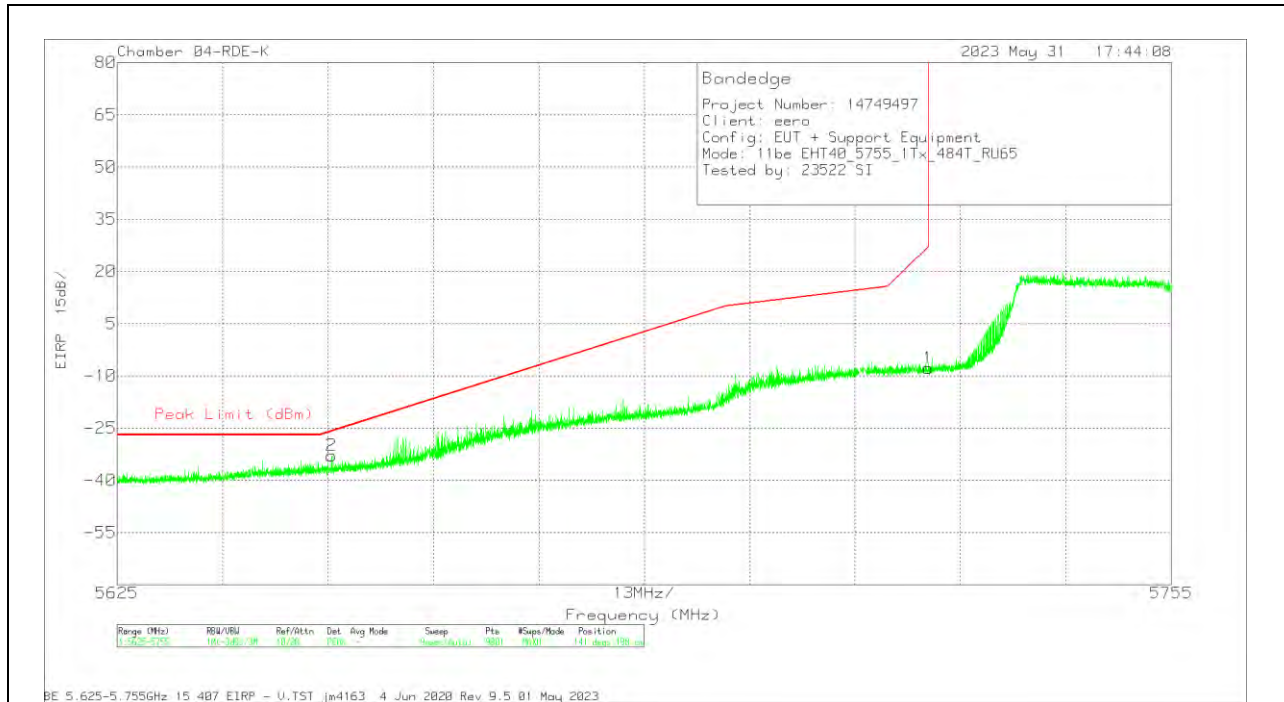


Trace Markers

Marker	Frequency (MHz)	Meter Reading (dBm)	Det	223083 ACF (dB) 3mH	Cbl/Amp (dB)	Conversion Factor (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5725	-18.76	Pk	34.7	-29.4	11.8	-1.66	27	-28.66	226	266	H
2	5651.548	-43.71	Pk	34.6	-29.4	11.8	-26.71	-25.85	-.86	226	266	H

Pk - Peak detector

VERTICAL RESULT



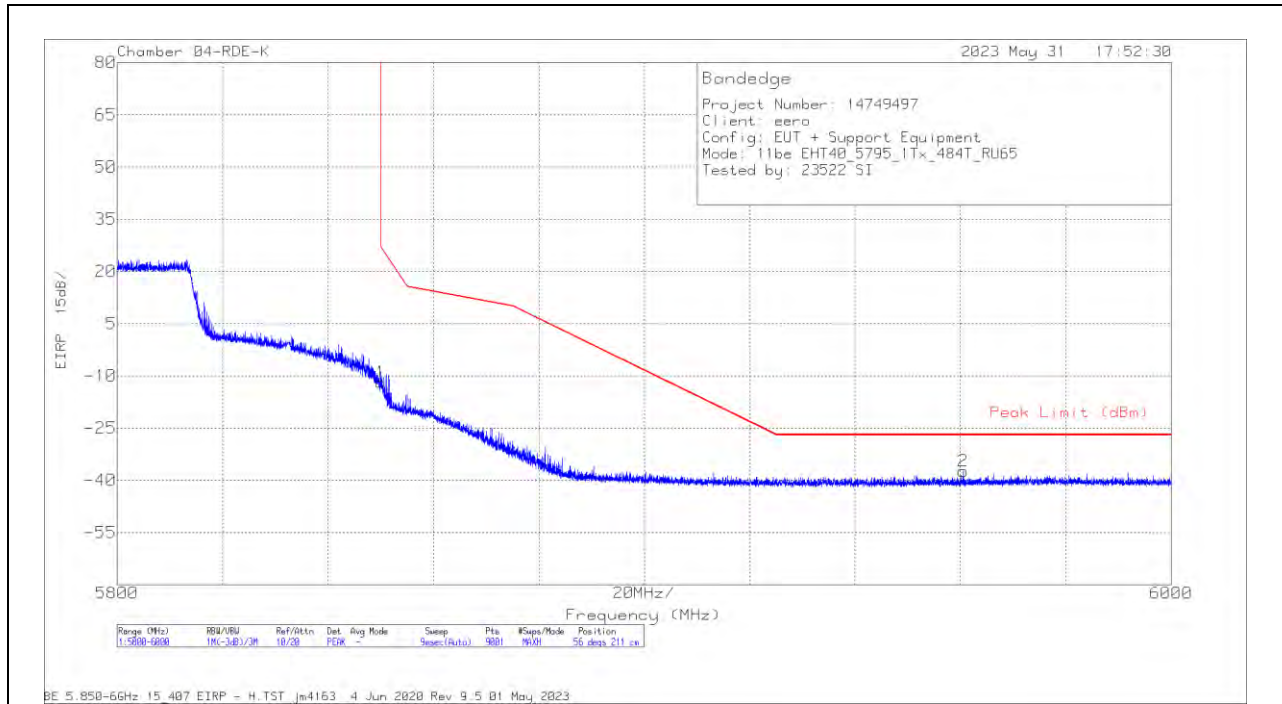
Trace Markers

Marker	Frequency (MHz)	Meter Reading (dBm)	Det	223083 ACF (dB) 3mH	Cbl/Amp (dB)	Conversion Factor (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5725	-24.84	Pk	34.7	-29.4	11.8	-7.74	27	-34.74	141	198	V
2	5651.433	-49.88	Pk	34.6	-29.4	11.8	-32.88	-25.94	-6.94	141	198	V

Pk - Peak detector

BANDEDGE (HIGH CHANNEL)

HORIZONTAL RESULT

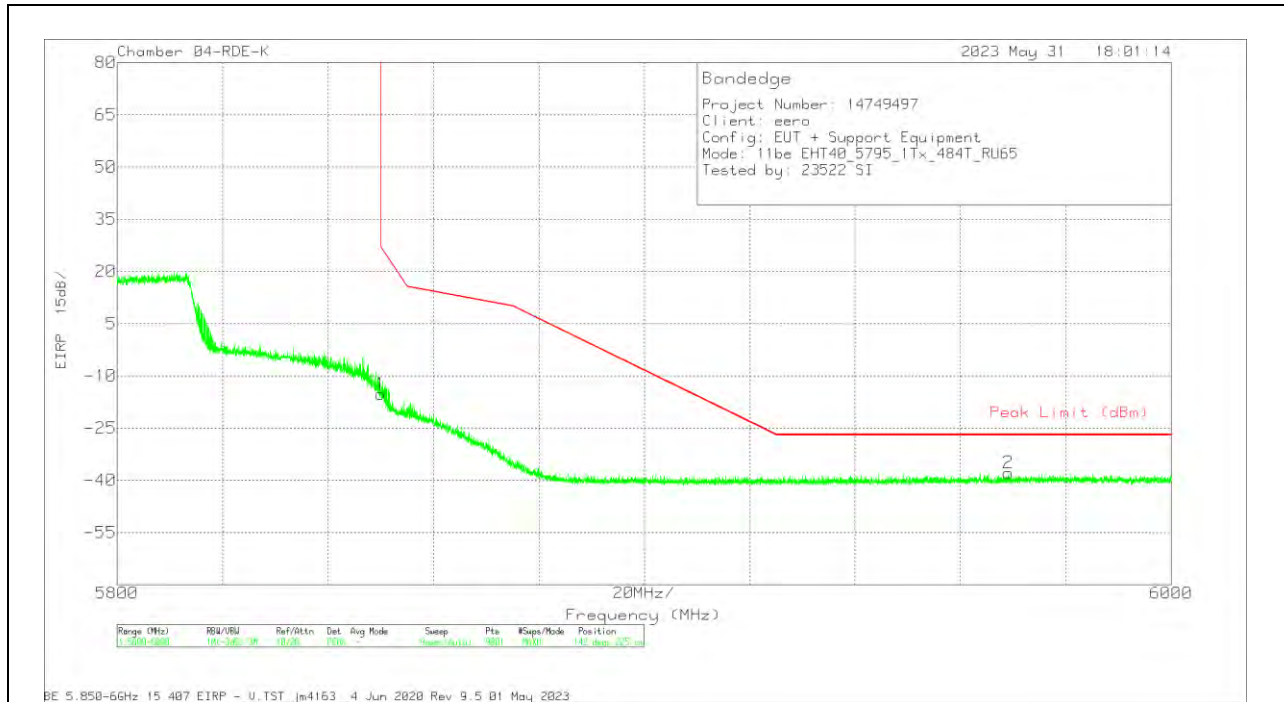


Trace Markers

Marker	Frequency (MHz)	Meter Reading (dBm)	Det	223083 ACF (dB) 3mH	Cbl/Amp (dB)	Conversion Factor (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5850	-29.23	Pk	34.8	-29.2	11.8	-11.83	27	-38.83	56	211	H
2	5960.51	-55.08	Pk	35	-29.1	11.8	-37.38	-27	-10.38	56	211	H

Pk - Peak detector

VERTICAL RESULT



Trace Markers

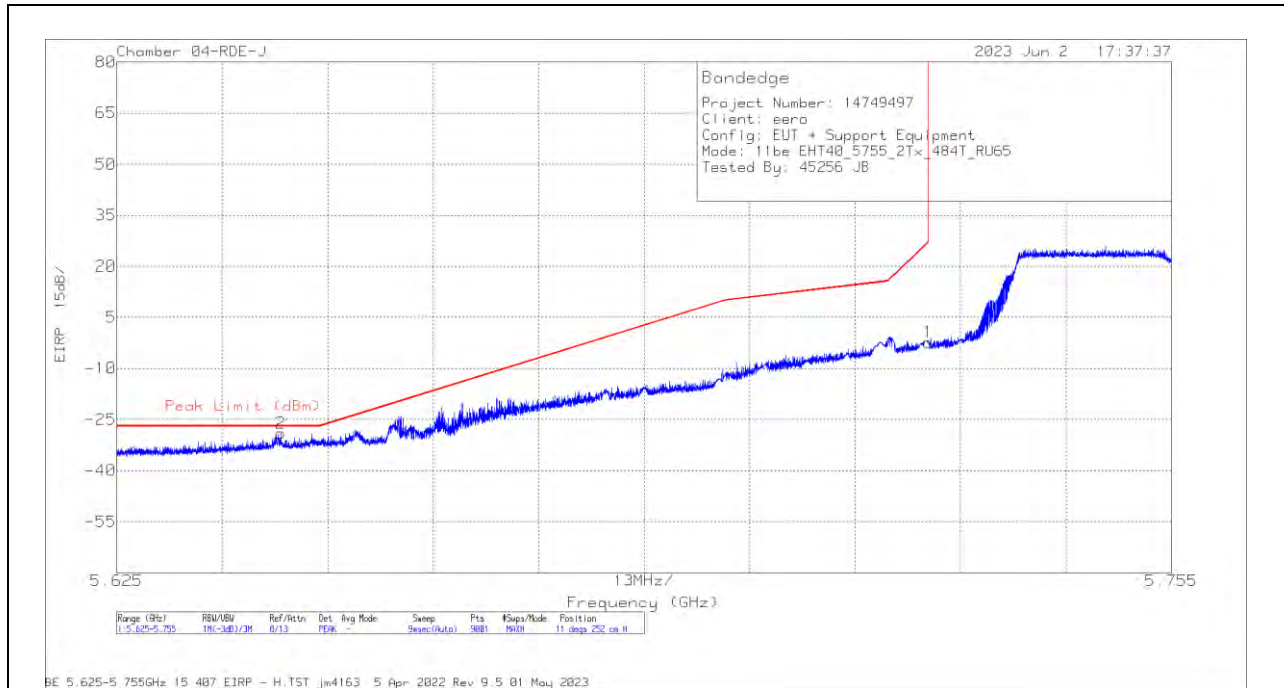
Marker	Frequency (MHz)	Meter Reading (dBm)	Det	223083 ACF (dB) 3mH	Cbl/Amp (dB)	Conversion Factor (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5850	-32.61	Pk	34.8	-29.2	11.8	-15.21	27	-42.21	142	225	V
2	5969.087	-55.6	Pk	35	-29	11.8	-37.8	-27	-10.8	142	225	V

Pk - Peak detector

2TX Antenna 6 + Antenna 4 CDD OFDMA MODE: 484-Tones, RU Index 65

BANDEDGE (LOW CHANNEL)

HORIZONTAL RESULT



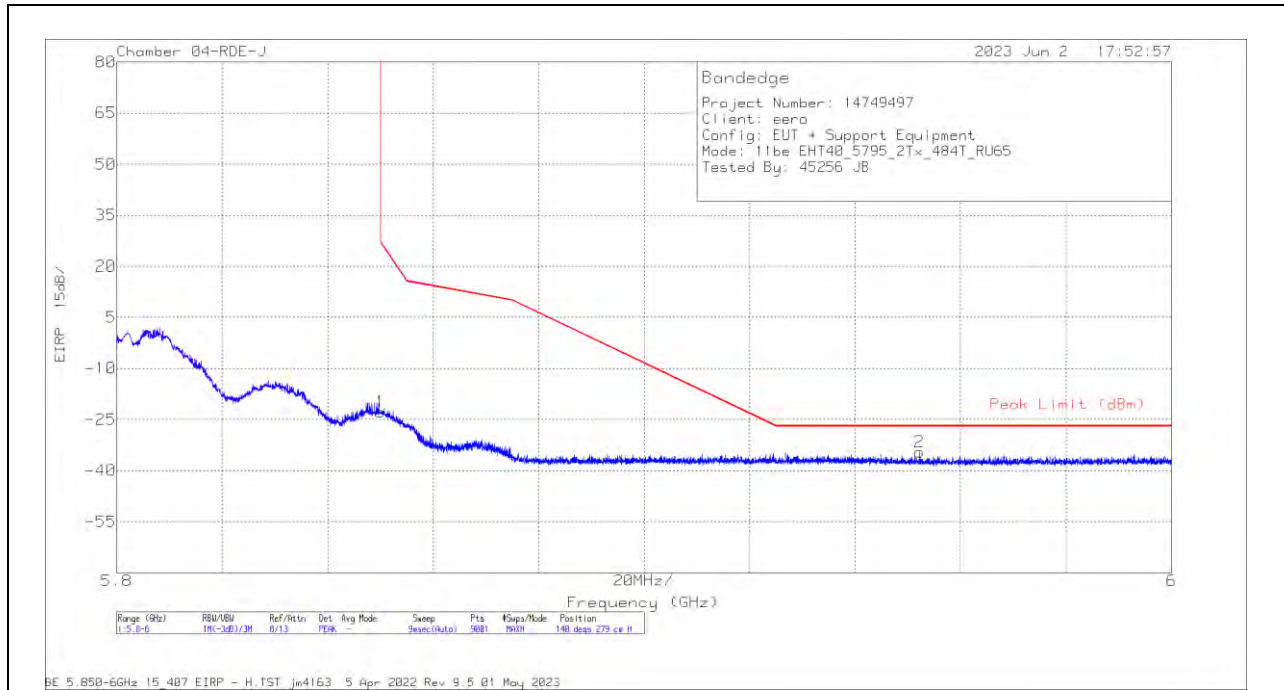
Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBm)	Det	222741 ACF(dB) - 3mH	Cbl/Amp (dB)	Conversion Factor (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.725	-35.73	Pk	34.7	-13.1	11.8	-2.33	27	-29.33	11	252	H
2	5.645222	-62.38	PK	34.6	-13	11.8	-28.98	-27	-1.98	11	252	H

Pk - Peak detector

BANDEDGE (HIGH CHANNEL)

HORIZONTAL RESULT



Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBm)	Det	222741 ACF(dB) - 3mH	Cbl/Amp (dB)	Conversion Factor (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.85	-56.55	Pk	34.8	-12.8	11.8	-22.75	27	-49.75	140	279	H
2	5.952221	-68.31	Pk	35	-13.1	11.8	-34.61	-27	-7.61	140	279	H

Pk - Peak detector

VERTICAL RESULT



Trace Markers

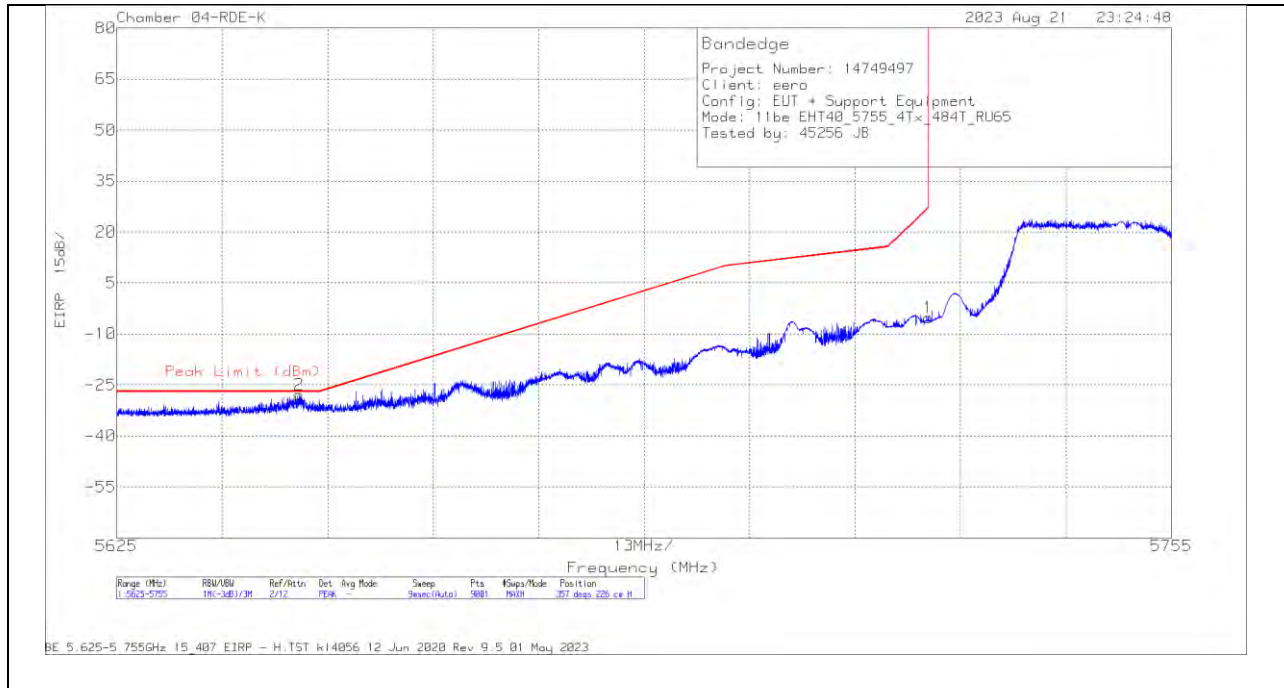
Marker	Frequency (GHz)	Meter Reading (dBm)	Det	222741 ACF(dB) - 3mH	Cbl/Amp (dB)	Conversion Factor (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.85	-57.34	Pk	34.8	-12.8	11.8	-23.54	27	-50.54	273	343	V
2	5.95611	-68.31	Pk	35	-13.1	11.8	-34.61	-27	-7.61	273	343	V

Pk - Peak detector

4TX Antenna 6 + Antenna 4 + Antenna 9 + Antenna 1 CDD OFDMA MODE: 484-Tones, RU Index 65

BANDEDGE (LOW CHANNEL)

HORIZONTAL RESULT

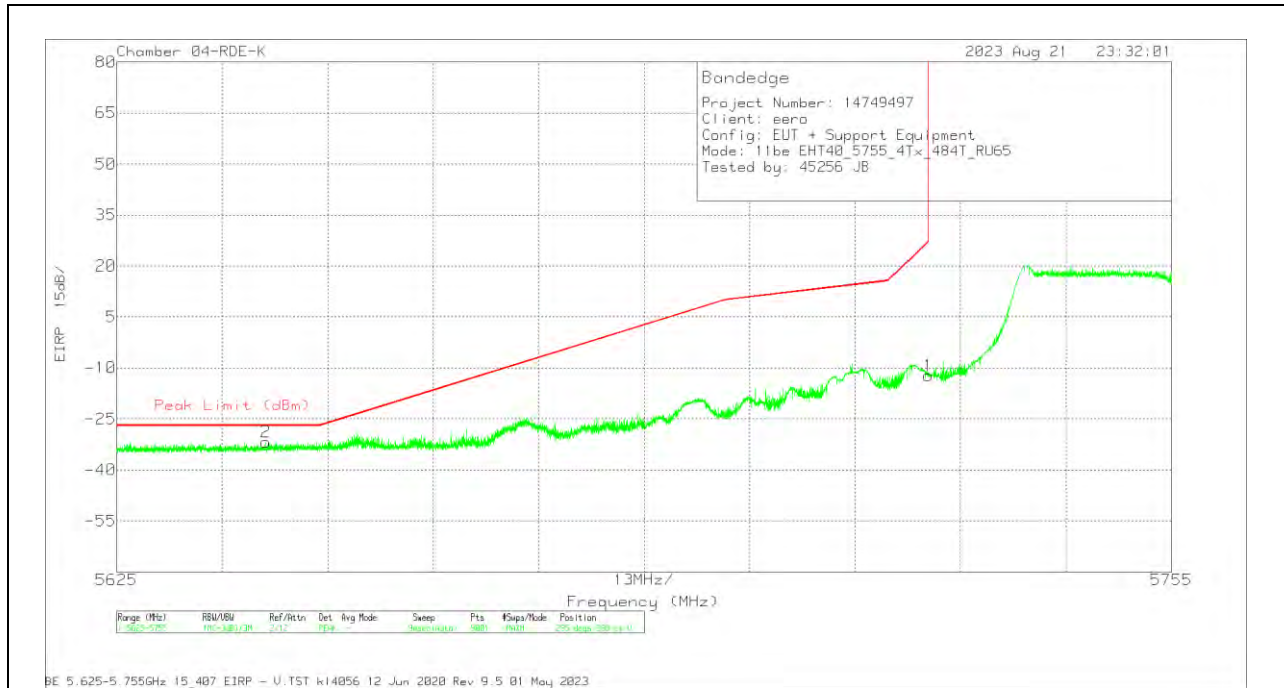


Trace Markers

Marker	Frequency (MHz)	Meter Reading (dBm)	Det	223083 ACF (dB) 3mH	Cbl/Amp (dB)	Conversion Factor (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5725	-45.72	Pk	34.7	-6	11.8	-5.22	27	-32.22	357	226	H
2	5647.489	-68.12	Pk	34.6	-6.2	11.8	-27.92	-27	-92	357	226	H

Pk - Peak detector

VERTICAL RESULT



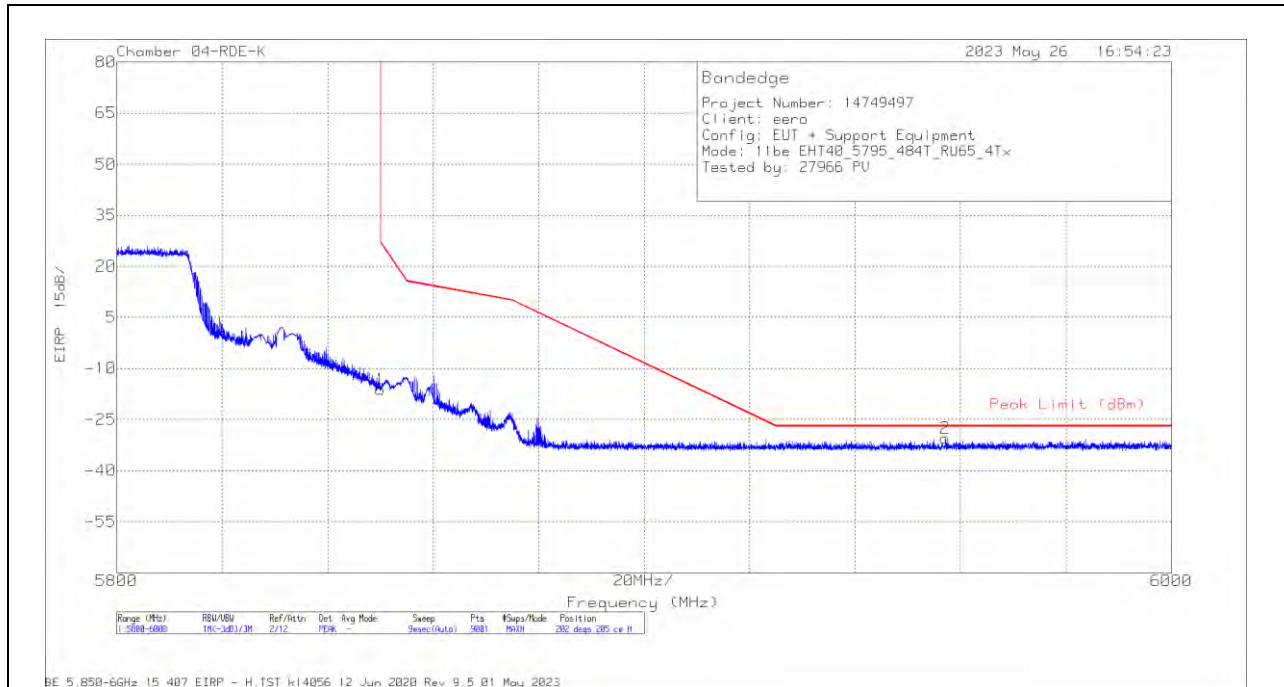
Trace Markers

Marker	Frequency (MHz)	Meter Reading (dBm)	Det	223083 ACF (dB) 3mH	Cbl/Amp (dB)	Conversion Factor (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5725	-52.78	Pk	34.7	-6	11.8	-12.28	27	-39.28	295	398	V
2	5643.373	-71.74	Pk	34.6	-6.4	11.8	-31.74	-27	-4.74	295	398	V

Pk - Peak detector

BANEDGE (HIGH CHANNEL)

HORIZONTAL RESULT



Trace Markers

Marker	Frequency (MHz)	Meter Reading (dBm)	Det	223083 ACF (dB) 3mH	Cbl/Amp (dB)	Conversion Factor (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5850	-56.72	Pk	34.8	-6	11.8	-16.12	27	-43.12	202	205	H
2	5957.132	-71.57	Pk	35	-5.7	11.8	-30.47	-27	-3.47	202	205	H

Pk - Peak detector

VERTICAL RESULT



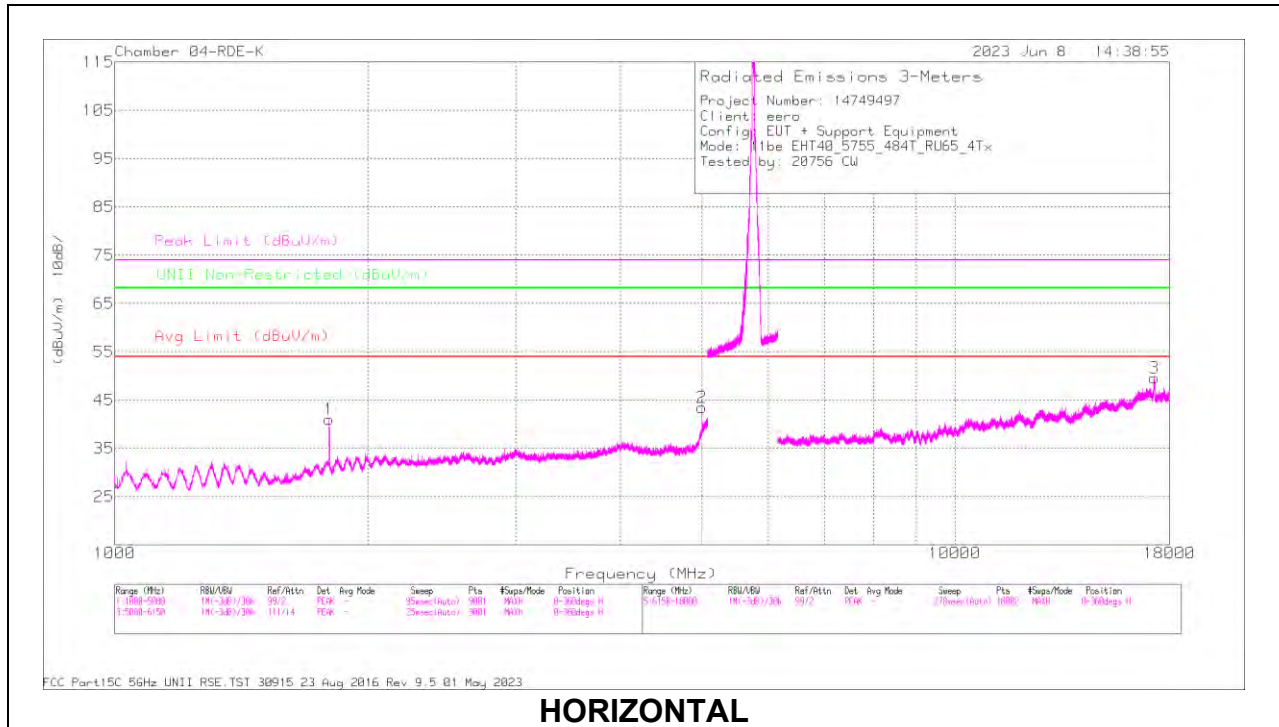
Trace Markers

Marker	Frequency (MHz)	Meter Reading (dBm)	Det	223083 ACF (dB) 3mH	Cbl/Amp (dB)	Conversion Factor (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5850	-60	PK	34.8	-6	11.8	-19.4	27	-46.4	142	342	V
2	5928.31	-71.45	PK	34.9	-5.8	11.8	-30.55	-27	-3.55	142	342	V

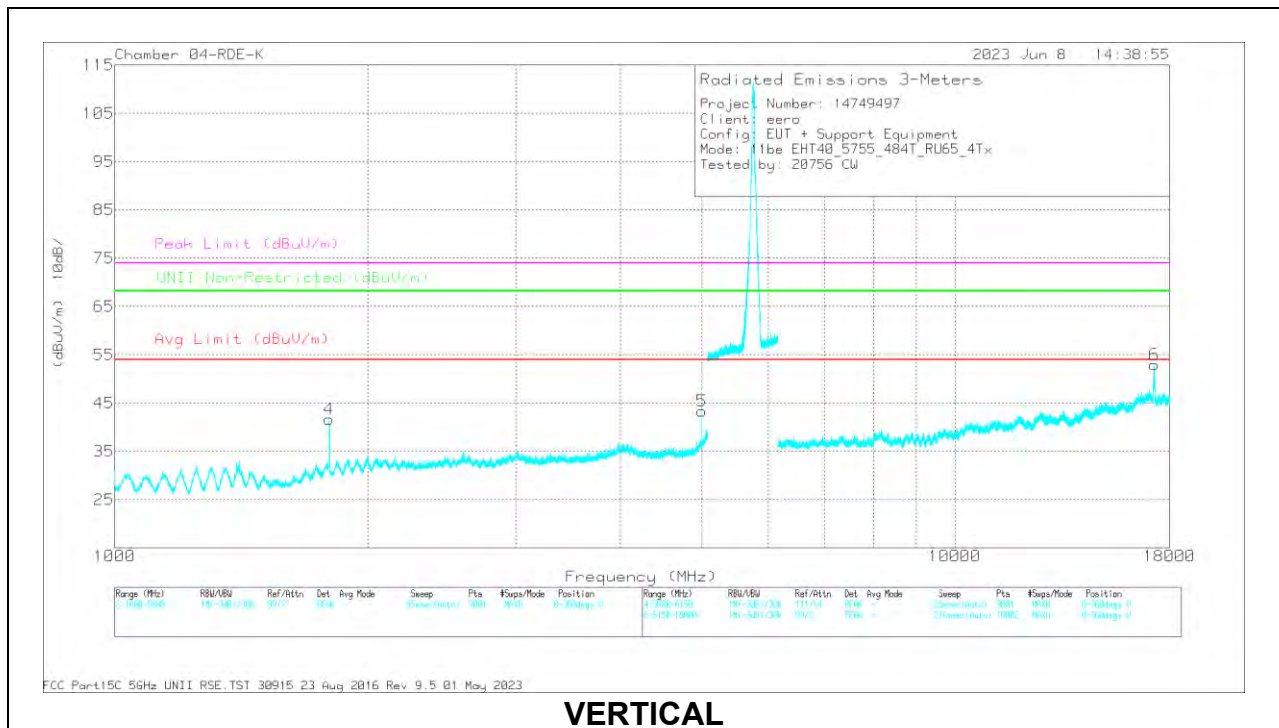
Pk - Peak detector

HARMONICS AND SPURIOUS EMISSIONS

LOW CHANNEL



HORIZONTAL



VERTICAL

RADIATED EMISSIONS

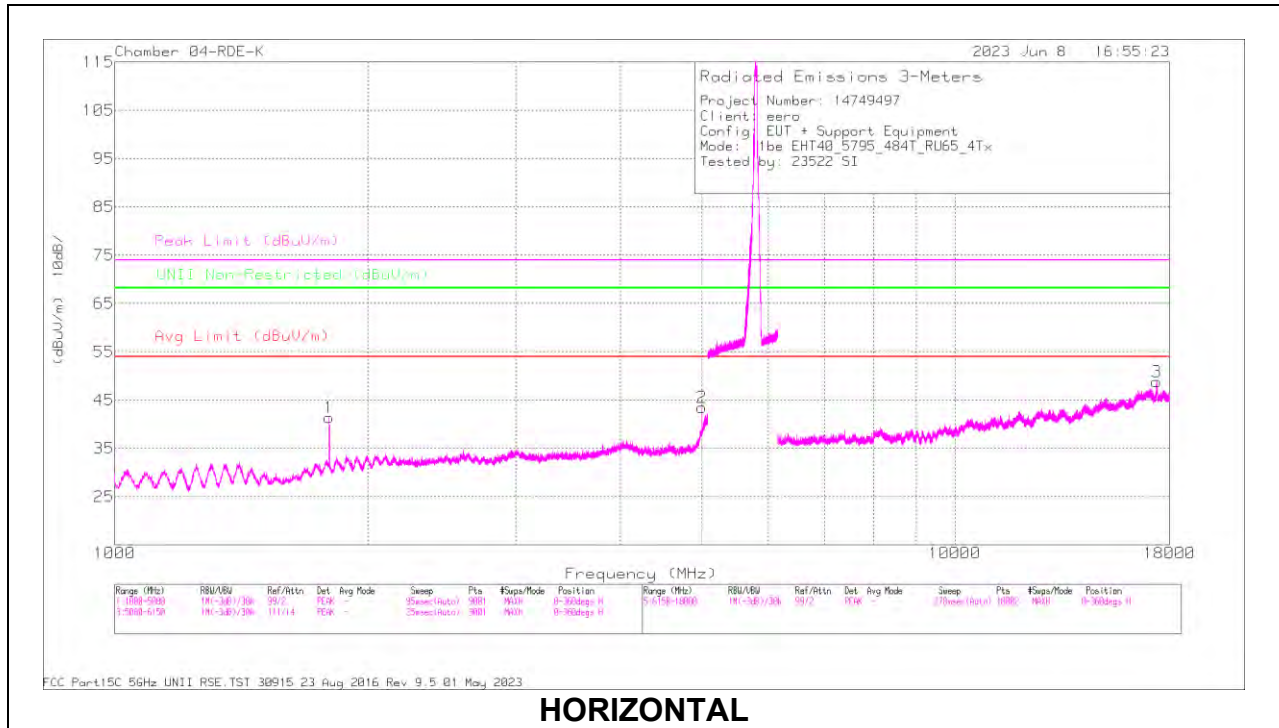
Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	223083 ACF (dB) 3mH	Cbl/Amp (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	1799.263	62.17	PK-U	30.2	-45.2	47.17	-	-	-	-	68.2	-21.03	165	230	H
2	* 5000.167	57.23	PK-U	33.8	-38.5	52.53	-	-	74	-21.47	-	-	196	263	H
	* 5000.004	49.99	ADR	33.8	-38.5	45.29	54	-8.71	-	-	-	-	196	263	H
4	1799.977	61.37	PK-U	30.2	-45.1	46.47	-	-	-	-	68.2	-21.73	154	166	V
5	* 4999.942	55.53	PK-U	33.8	-38.5	50.83	-	-	74	-23.17	-	-	174	101	V
	* 5000.048	48.97	ADR	33.8	-38.5	44.27	54	-9.73	-	-	-	-	174	101	V
3	17264.167	46.41	PK-U	41.1	-30.8	56.71	-	-	-	-	68.2	-11.49	26	280	H
6	17263.915	49.63	PK-U	41.1	-30.8	59.93	-	-	-	-	68.2	-8.27	344	282	V

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

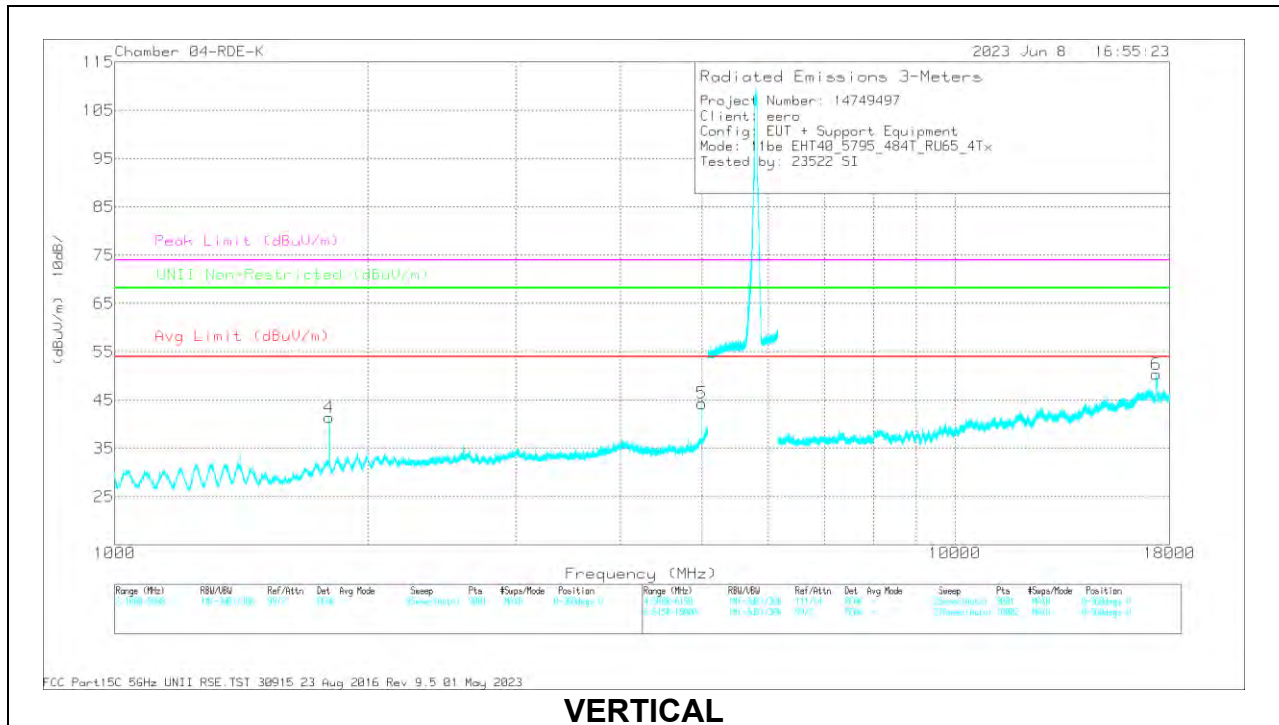
PK-U - U-NII: Maximum Peak

ADR - U-NII AD primary method, RMS average

HIGH CHANNEL



HORIZONTAL



VERTICAL

RADIATED EMISSIONS

Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	223083 ACF (dB) 3mH	Cbl/Amp (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	1799.893	62.79	PK-U	30.2	-45.1	47.89	-	-	-	-	68.2	-20.31	169	241	H
2	* 4999.929	57.23	PK-U	33.8	-38.5	52.53	-	-	74	-21.47	-	-	198	264	H
	* 4999.923	49.87	ADR	33.8	-38.5	45.17	54	-8.83	-	-	-	-	198	264	H
4	1799.9	61.54	PK-U	30.2	-45.1	46.64	-	-	-	-	68.2	-21.56	155	132	V
5	* 5000.036	55.64	PK-U	33.8	-38.5	50.94	-	-	74	-23.06	-	-	173	172	V
	* 4999.95	49.36	ADR	33.8	-38.5	44.66	54	-9.34	-	-	-	-	173	172	V
3	17375.858	47.22	PK-U	40.9	-30.5	57.62	-	-	-	-	68.2	-10.58	360	228	H
6	17361.061	48.5	PK-U	40.9	-30.5	58.9	-	-	-	-	68.2	-9.3	31	143	V

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

PK-U - U-NII: Maximum Peak

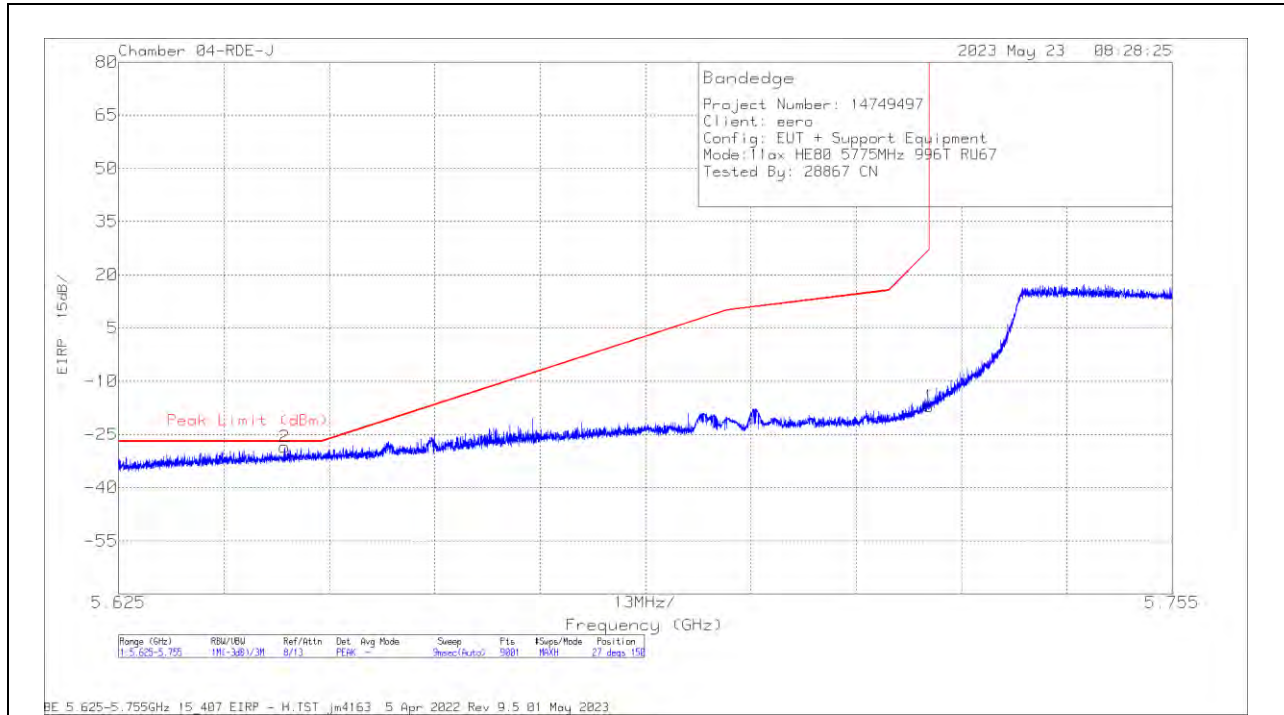
ADR - U-NII AD primary method, RMS average

10.1.11. TX ABOVE 1 GHz 802.11ax HE80 MODE IN THE 5.8GHz BAND

1TX Antenna 6 OFDMA MODE: 996-Tones, RU Index 67

BANDEDGE (CHANNEL 155 LOW EDGE)

HORIZONTAL RESULT

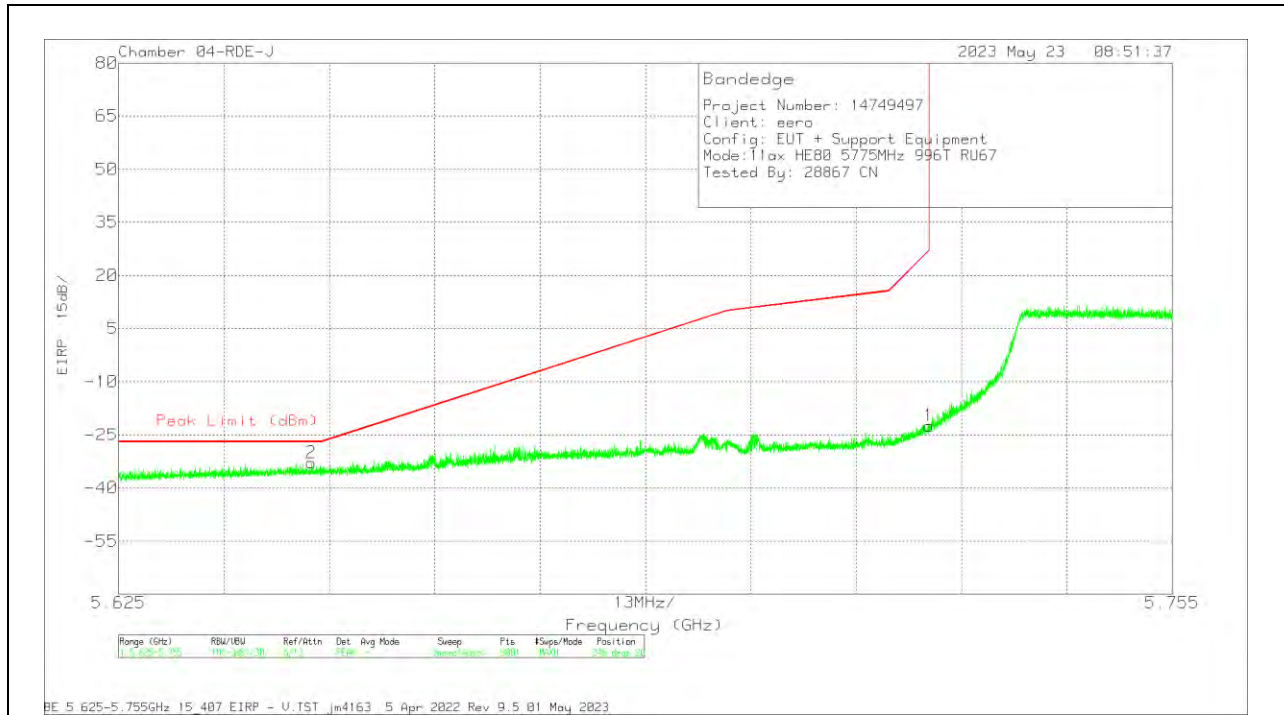


Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBm)	Det	222741 ACF(dB) - 3mH	Amp/Cbl/Pad (dB)	Conversion Factor (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.725	-50.19	Pk	34.7	-13.4	11.8	-17.09	27	-44.09	27	150	H
2	5.645496	-61.34	Pk	34.6	-13.6	11.8	-28.54	-27	-1.54	27	150	H

Pk - Peak detector

VERTICAL RESULT



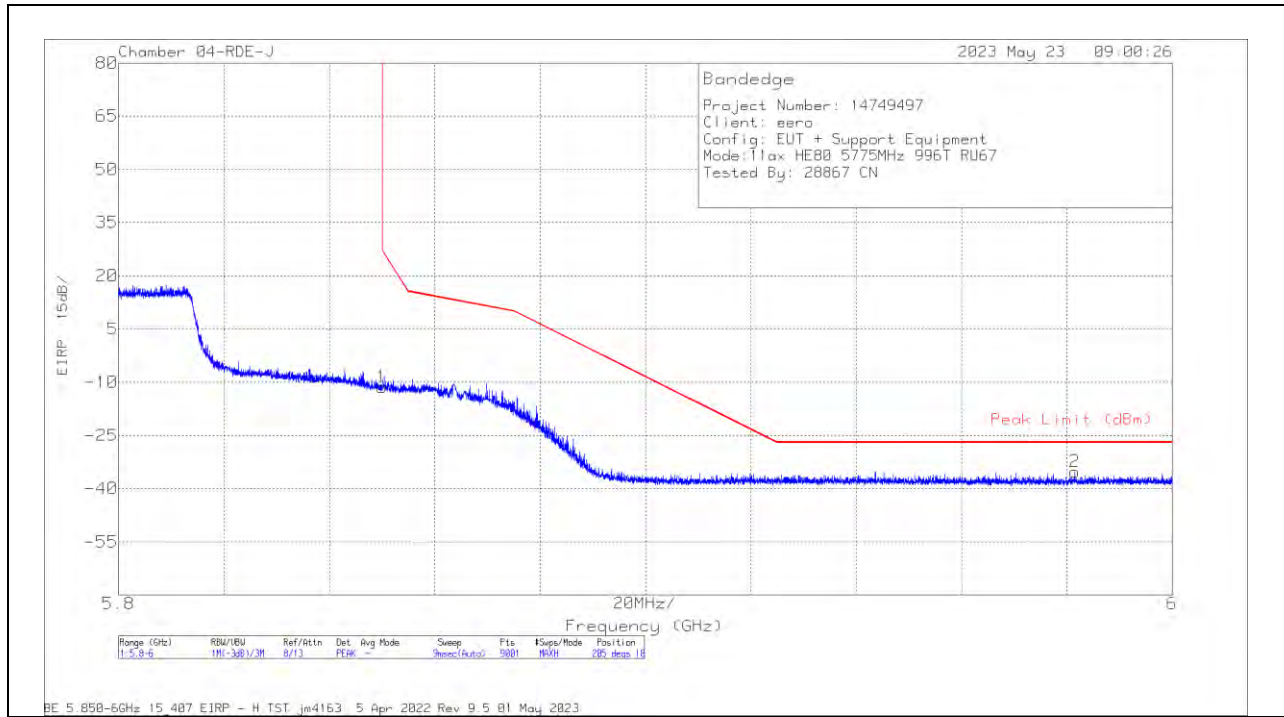
Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBm)	Det	222741 ACF(dB) - 3mH	Amp/Cbl/Pad (dB)	Conversion Factor (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.725	-55.57	Pk	34.7	-13.4	11.8	-22.47	27	-49.47	246	206	V
2	5.648775	-65.71	Pk	34.6	-13.6	11.8	-32.91	-27	-5.91	246	206	V

Pk - Peak detector

BANDEDGE (CHANNEL 155 HIGH EDGE)

HORIZONTAL RESULT



Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBm)	Det	222741 ACF(dB) - 3mH	Amp/Cbl/Pad (dB)	Conversion Factor (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.85	-44.53	PK	34.8	-13.5	11.8	-11.43	27	-38.43	205	189	H
2	5.981487	-68.55	PK	35.1	-13.6	11.8	-35.25	-27	-8.25	205	189	H

Pk - Peak detector

VERTICAL RESULT



Trace Markers

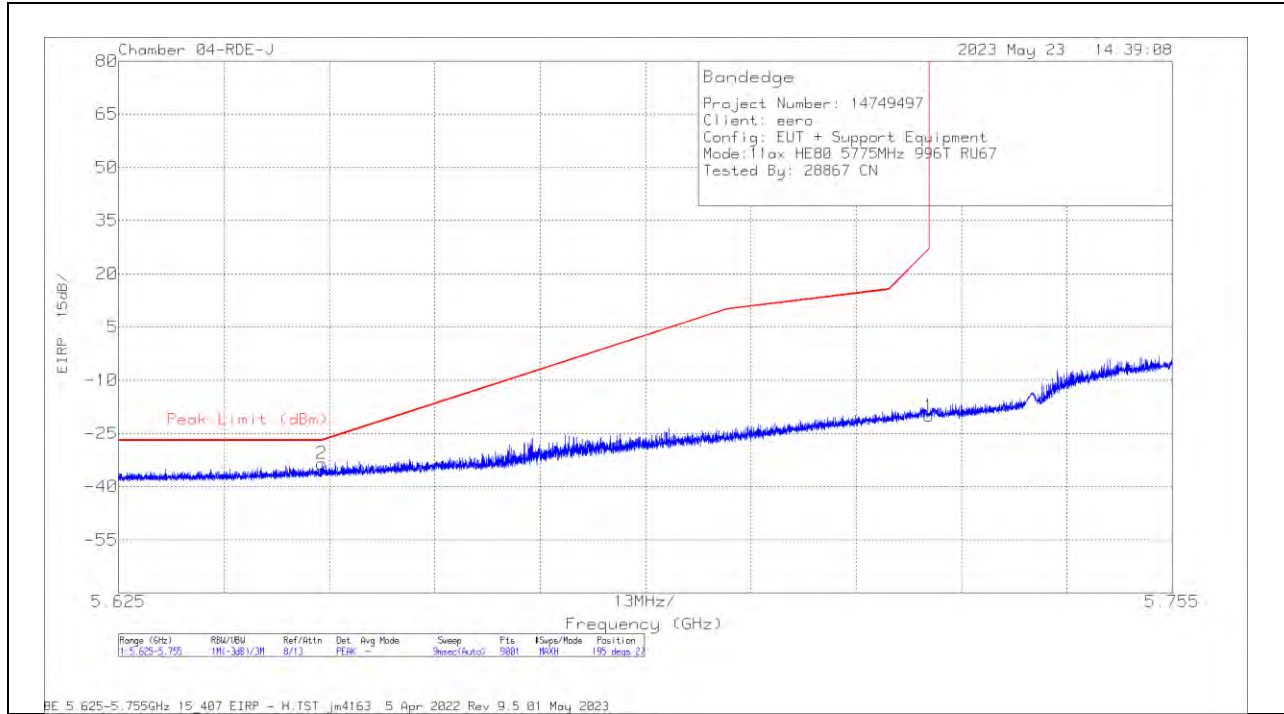
Marker	Frequency (GHz)	Meter Reading (dBm)	Det	222741 ACF(dB) - 3mH	Amp/Cbl/Pad (dB)	Conversion Factor (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.85	-48.26	Pk	34.8	-13.5	11.8	-15.16	27	-42.16	290	194	V
2	5.938732	-68.61	Pk	35	-13.4	11.8	-35.21	-27	-8.21	290	194	V

Pk - Peak detector

2TX Antenna 6 + Antenna 4 CDD OFDMA MODE: 996-Tones, RU Index 67

BANDEDGE (CHANNEL 155 LOW EDGE)

HORIZONTAL RESULT

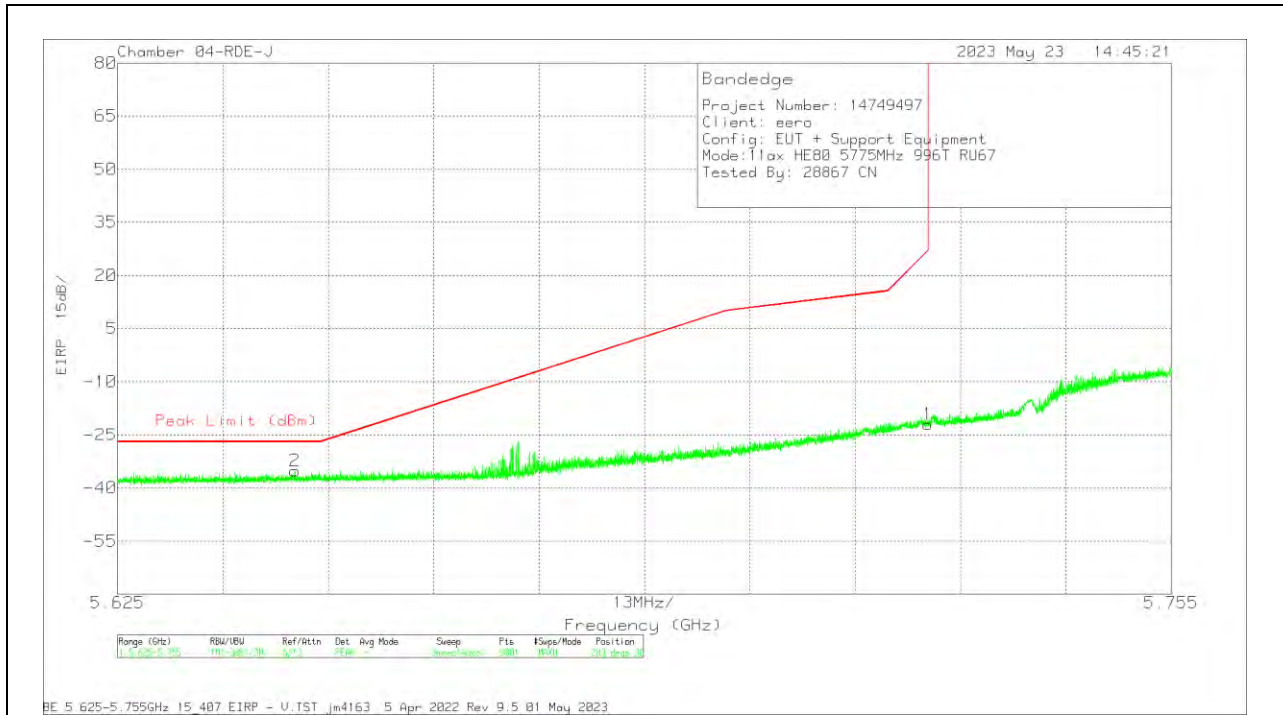


Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBm)	Det	222741 ACF(dB) - 3mH	Amp/Cbl/Pad (dB)	Conversion Factor (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.725	-53.13	Pk	34.7	-13.4	11.8	-20.03	27	-47.03	195	278	H
2	5.65006	-66.29	Pk	34.6	-13.6	11.8	-33.49	-26.96	-6.53	195	278	H

Pk - Peak detector

VERTICAL RESULT



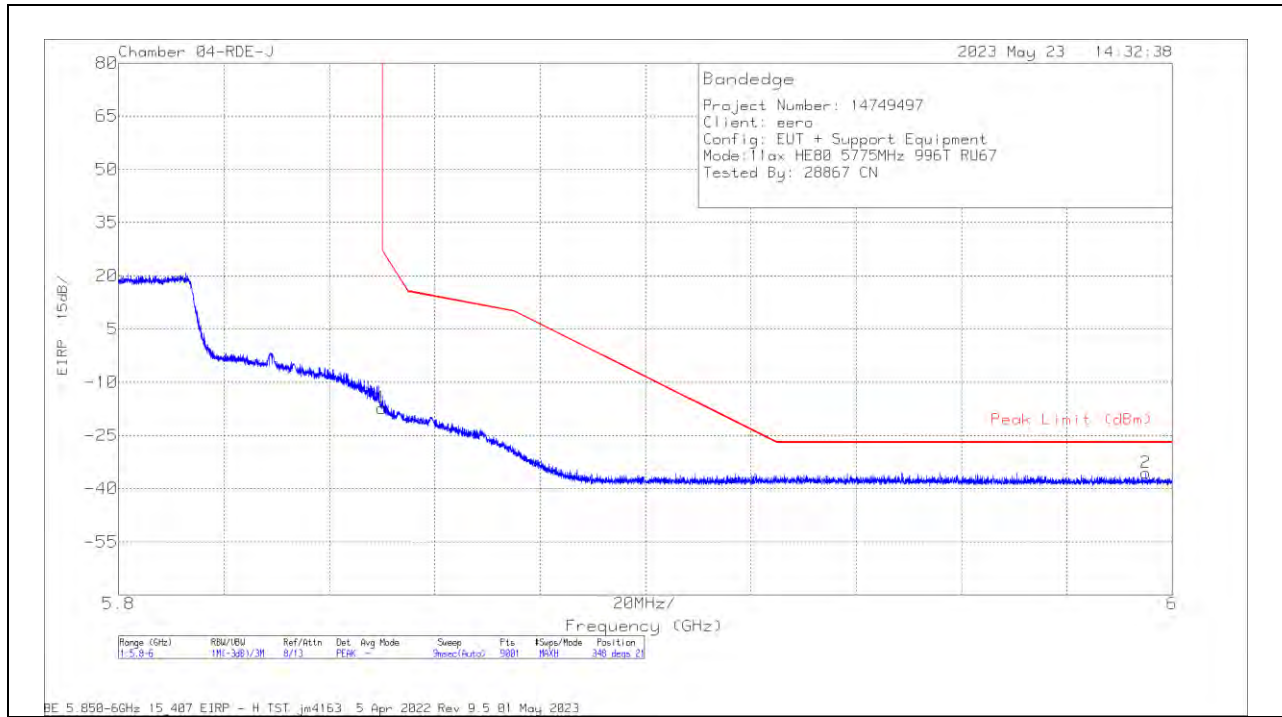
Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBm)	Det	222741 ACF(dB) - 3mH	Amp/Cbl/Pad (dB)	Conversion Factor (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.725	-55.16	Pk	34.7	-13.4	11.8	-22.06	27	-49.06	283	366	V
2	5.646883	-68	Pk	34.6	-13.6	11.8	-35.2	-27	-8.2	283	366	V

Pk - Peak detector

BANDEDGE (CHANNEL 155 HIGH EDGE)

HORIZONTAL RESULT



Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBm)	Det	222741 ACF(dB) - 3mH	Amp/Cbl/Pad (dB)	Conversion Factor (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.85	-50.4	PK	34.8	-13.5	11.8	-17.3	27	-44.3	348	214	H
2	5.994976	-68.99	PK	35.1	-13.4	11.8	-35.49	-27	-8.49	348	214	H

Pk - Peak detector

VERTICAL RESULT



Trace Markers

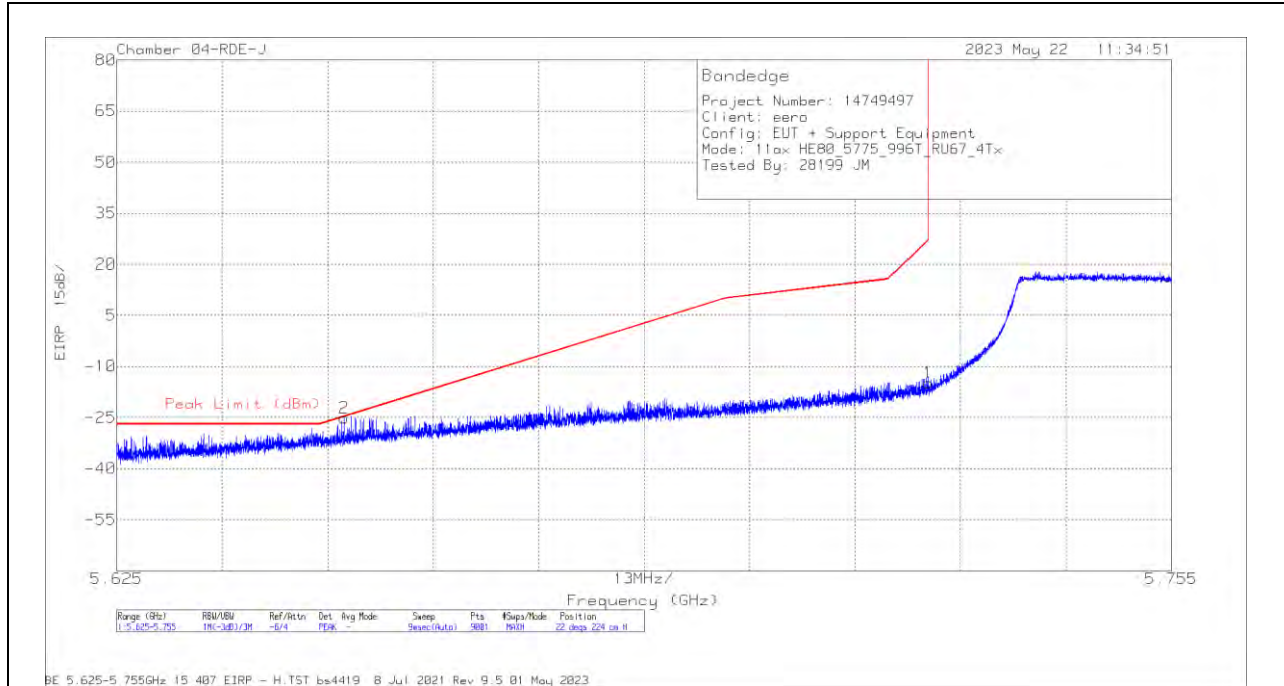
Marker	Frequency (GHz)	Meter Reading (dBm)	Det	222741 ACF(dB) - 3mH	Amp/Cbl/Pad (dB)	Conversion Factor (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.85	-54.32	Pk	34.8	-13.5	11.8	-21.22	27	-48.22	291	357	V
2	5.984331	-69.1	Pk	35.1	-13.5	11.8	-35.7	-27	-8.7	291	357	V

Pk - Peak detector

4TX Antenna 6 + Antenna 4 + Antenna 9 + Antenna 1 CDD OFDMA MODE: 996-Tones, RU Index 67

BANDEDGE (CHANNEL 155 LOW EDGE)

HORIZONTAL RESULT

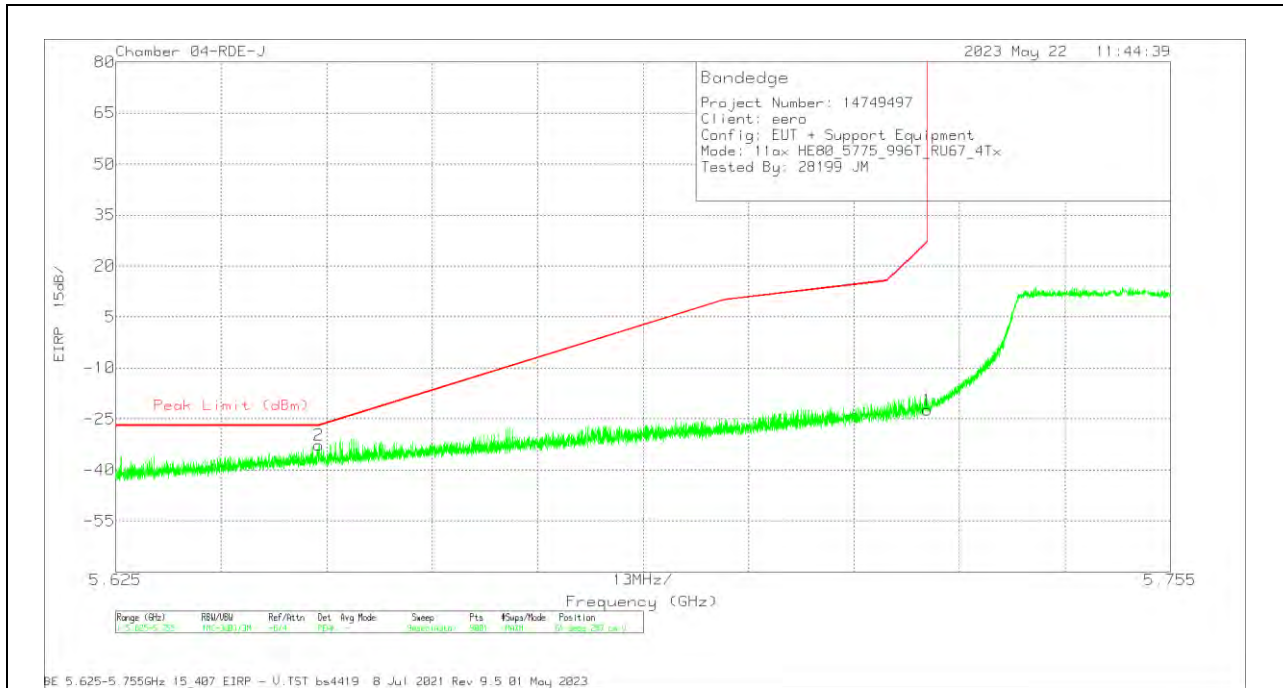


Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBm)	Det	222741 ACF(dB) - 3mH	Amp/Cbl/Pad (dB)	Conversion Factor (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.725	-47.87	Pk	34.7	-13.4	11.8	-14.77	27	-41.77	22	224	H
2	5.653021	-57.97	Pk	34.6	-13.6	11.8	-25.17	-24.76	-.41	22	224	H

Pk - Peak detector

VERTICAL RESULT



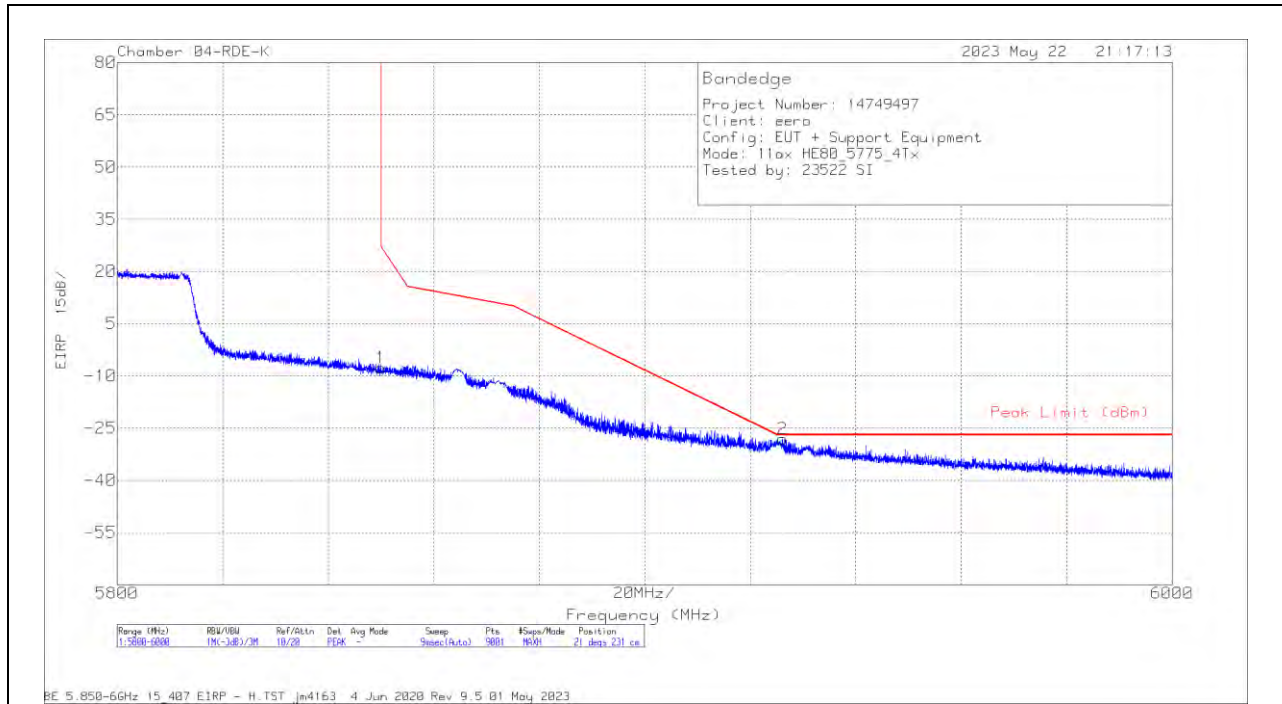
Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBm)	Det	222741 ACF(dB) - 3mH	Amp/Cbl/Pad (dB)	Conversion Factor (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.725	-55.45	Pk	34.7	-13.4	11.8	-22.35	27	-49.35	61	287	V
2	5.650046	-65.41	Pk	34.6	-13.6	11.8	-32.61	-26.97	-5.64	61	287	V

Pk - Peak detector

BANDEDGE (CHANNEL 155 HIGH EDGE)

HORIZONTAL RESULT

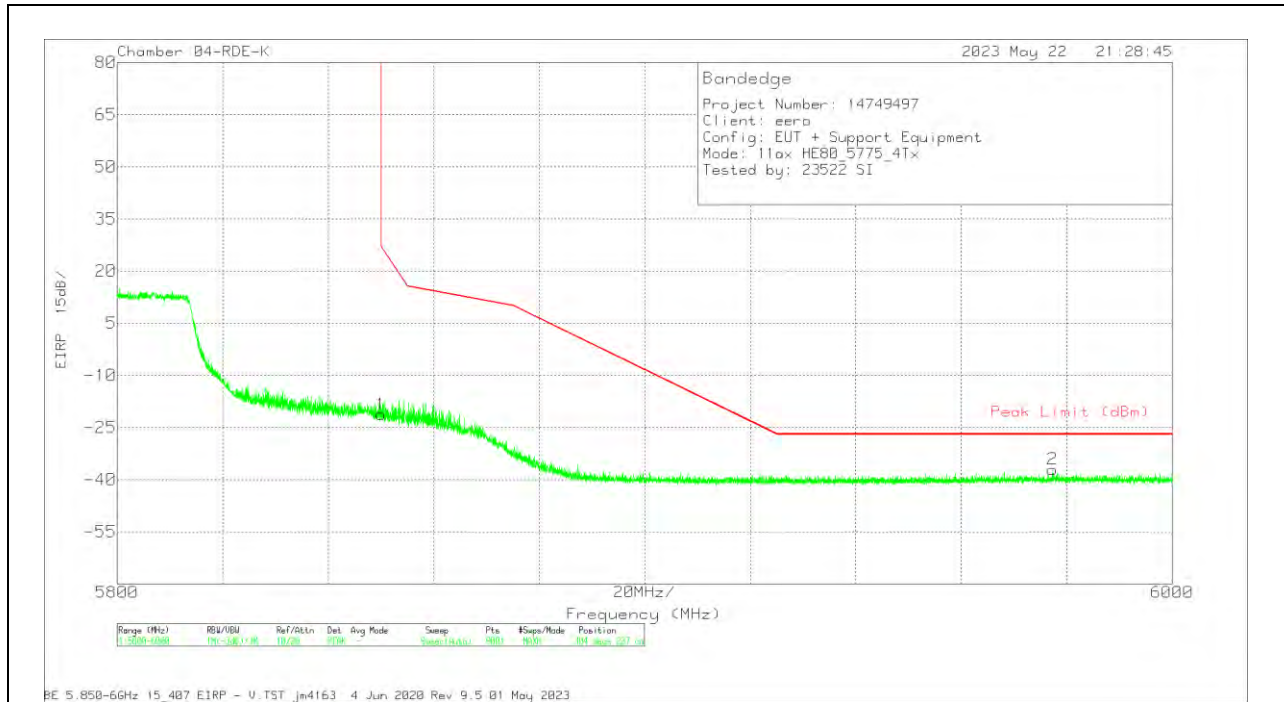


Trace Markers

Marker	Frequency (MHz)	Meter Reading (dBm)	Det	223083 ACF (dB) 3mH	Cbl/Amp (dB)	Conversion Factor (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5850	-25.11	Pk	34.8	-29.2	11.8	-7.71	27	-34.71	21	231	H
2	5926.177	-45.81	Pk	34.9	-29	11.8	-28.11	-27	-1.11	21	231	H

Pk - Peak detector

VERTICAL RESULT



Trace Markers

Marker	Frequency (MHz)	Meter Reading (dBm)	Det	223083 ACF (dB) 3mH	Cbl/Amp (dB)	Conversion Factor (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5850	-38.68	PK	34.8	-29.2	11.8	-21.28	27	-48.28	304	227	V
2	5977.309	-54.95	PK	35	-28.9	11.8	-37.05	-27	-10.05	304	227	V

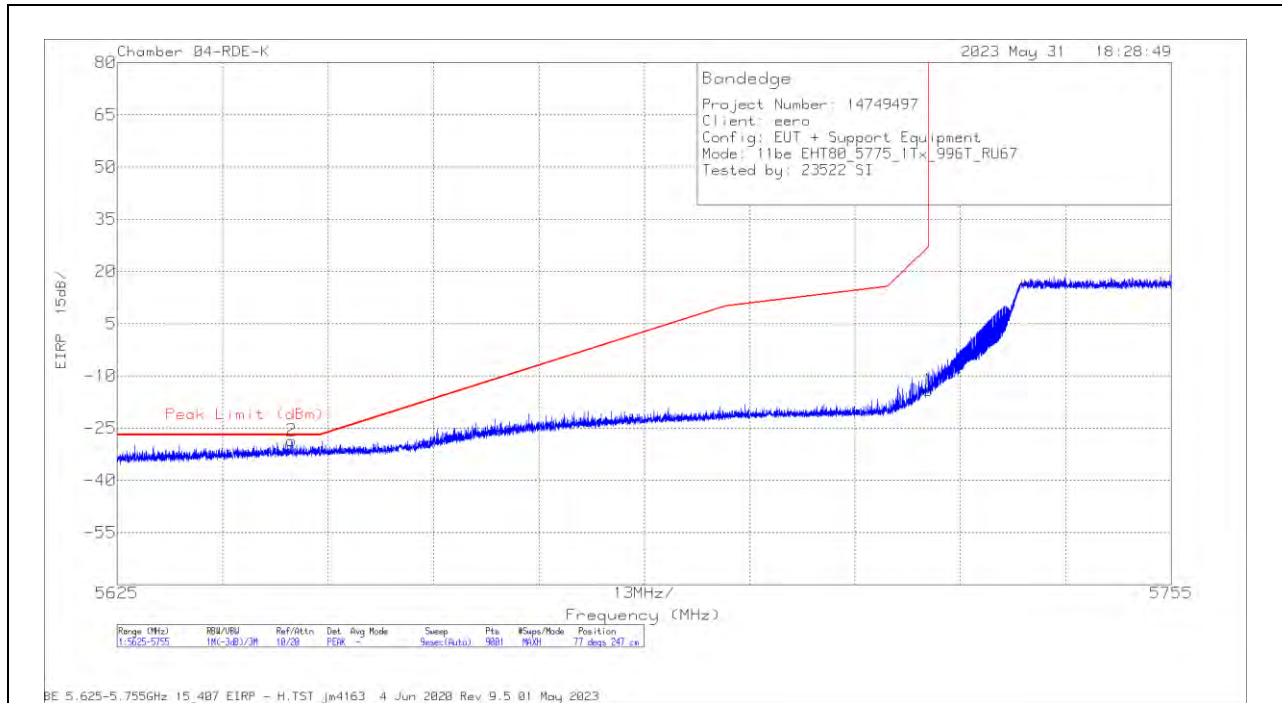
Pk - Peak detector

10.1.12. TX ABOVE 1 GHz 802.11be EHT80 MODE IN THE 5.8GHz BAND

1TX Antenna 6 OFDMA MODE: 996-Tones, RU Index 67

BANDEDGE (CHANNEL 155 LOW EDGE)

HORIZONTAL RESULT

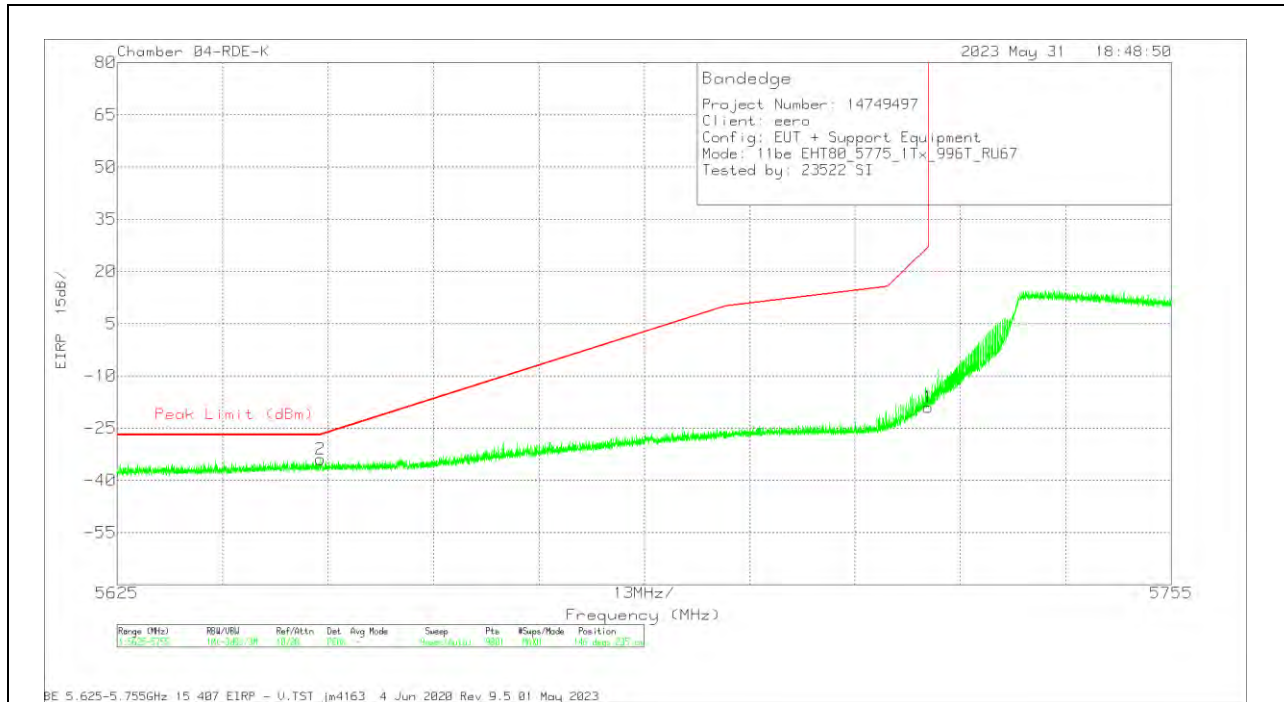


Trace Markers

Marker	Frequency (MHz)	Meter Reading (dBm)	Det	223083 ACF (dB) 3mH	Cbl/Amp (dB)	Conversion Factor (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5725	-31.23	Pk	34.7	-29.4	11.8	-14.13	27	-41.13	77	247	H
2	5646.536	-45.58	Pk	34.6	-29.4	11.8	-28.58	-27	-1.58	77	247	H

Pk - Peak detector

VERTICAL RESULT



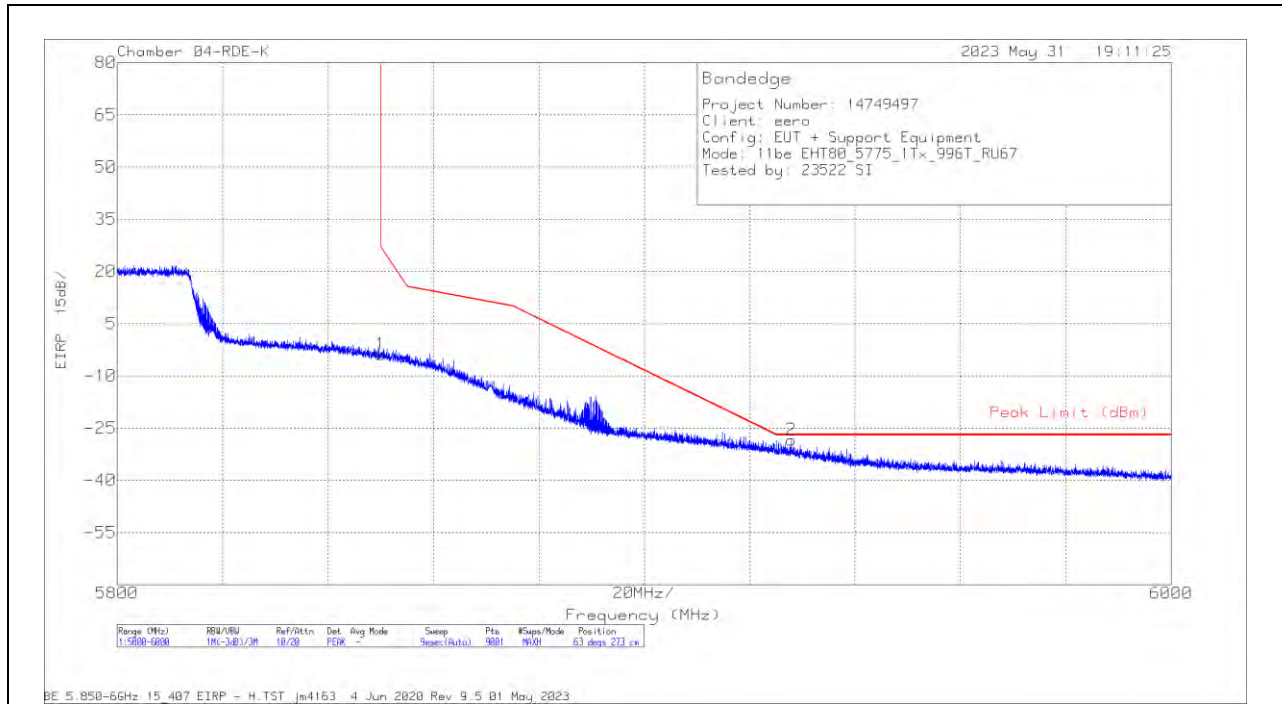
Trace Markers

Marker	Frequency (MHz)	Meter Reading (dBm)	Det	223083 ACF (dB) 3mH	Cbl/Amp (dB)	Conversion Factor (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5725	-36.1	Pk	34.7	-29.4	11.8	-19	27	-46	146	235	V
2	5650.089	-50.83	Pk	34.6	-29.5	11.8	-33.93	-26.93	-7	146	235	V

Pk - Peak detector

BANDEDGE (CHANNEL 155 HIGH EDGE)

HORIZONTAL RESULT

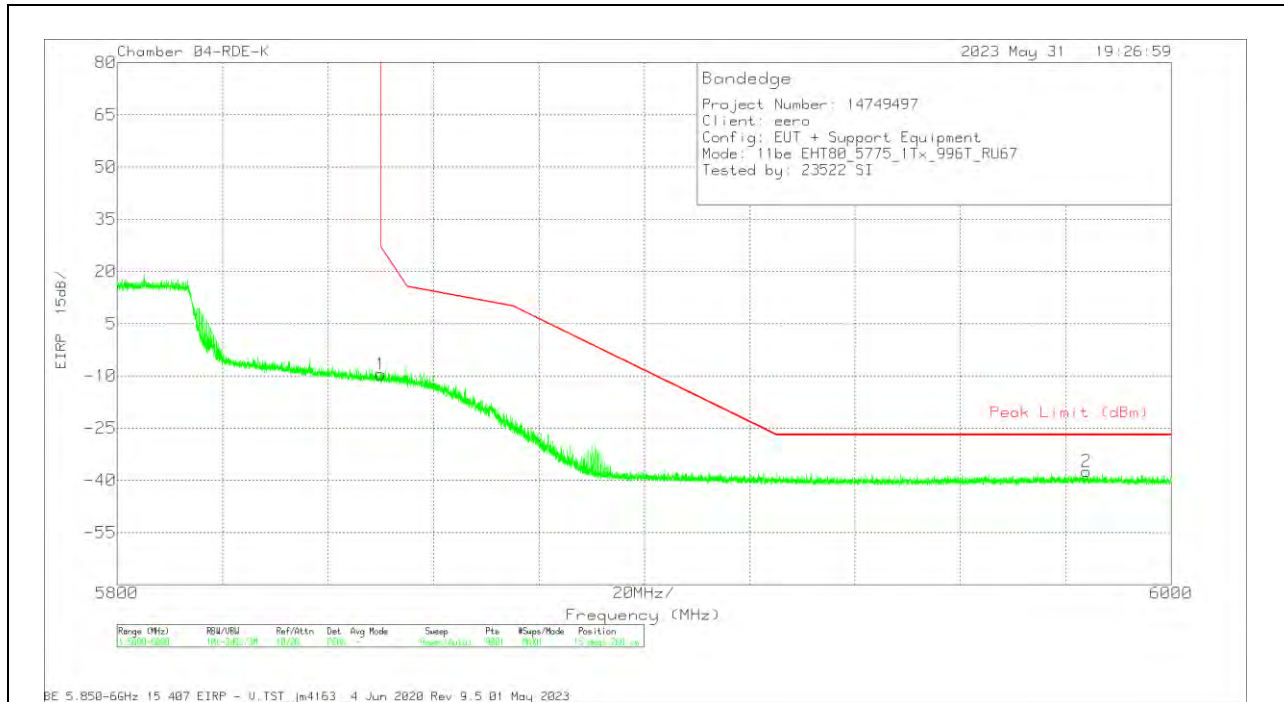


Trace Markers

Marker	Frequency (MHz)	Meter Reading (dBm)	Det	223083 ACF (dB) 3mH	Cbl/Amp (dB)	Conversion Factor (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5850	-21.18	Pk	34.8	-29.2	11.8	-3.78	27	-30.78	63	273	H
2	5927.888	-46.13	Pk	34.9	-29	11.8	-28.43	-27	-1.43	63	273	H

Pk - Peak detector

VERTICAL RESULT



Trace Markers

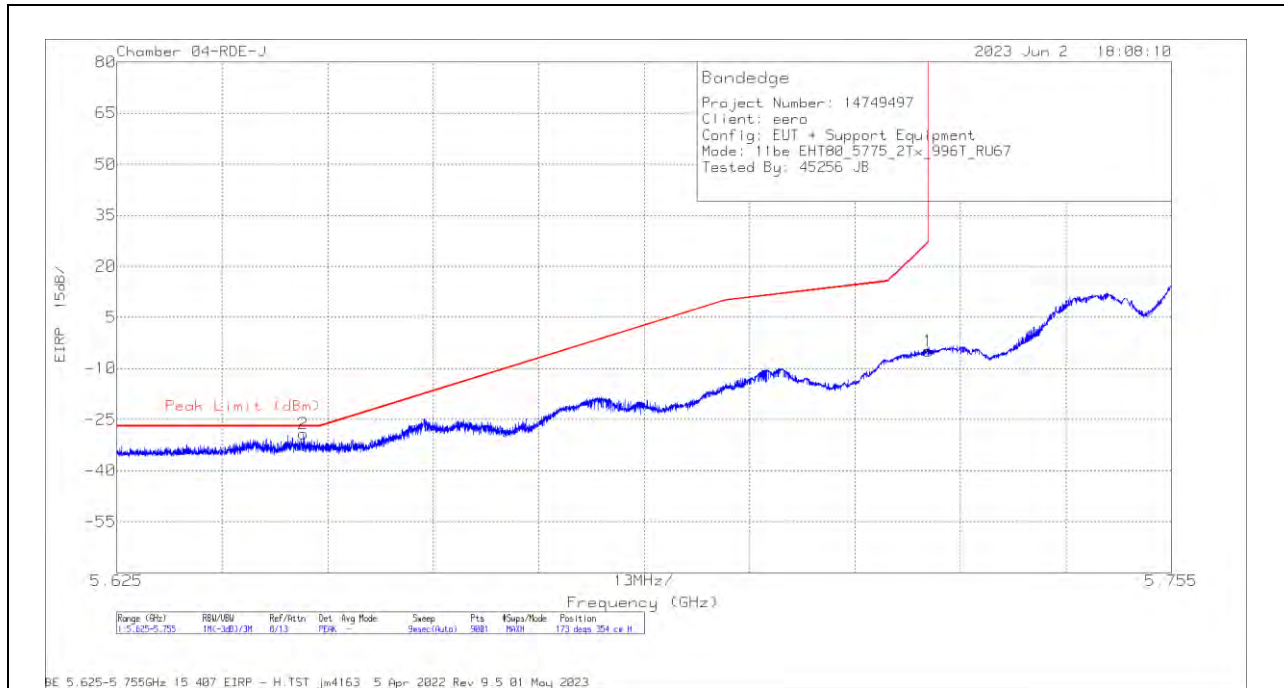
Marker	Frequency (MHz)	Meter Reading (dBm)	Det	223083 ACF (dB) 3mH	Cbl/Amp (dB)	Conversion Factor (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5850	-26.93	Pk	34.8	-29.2	11.8	-9.53	27	-36.53	15	268	V
2	5983.865	-55.25	Pk	35	-29	11.8	-37.45	-27	-10.45	15	268	V

Pk - Peak detector

2TX Antenna 6 + Antenna 4 CDD OFDMA MODE: 996-Tones, RU Index 67

BANDEDGE (CHANNEL 155 LOW EDGE)

HORIZONTAL RESULT

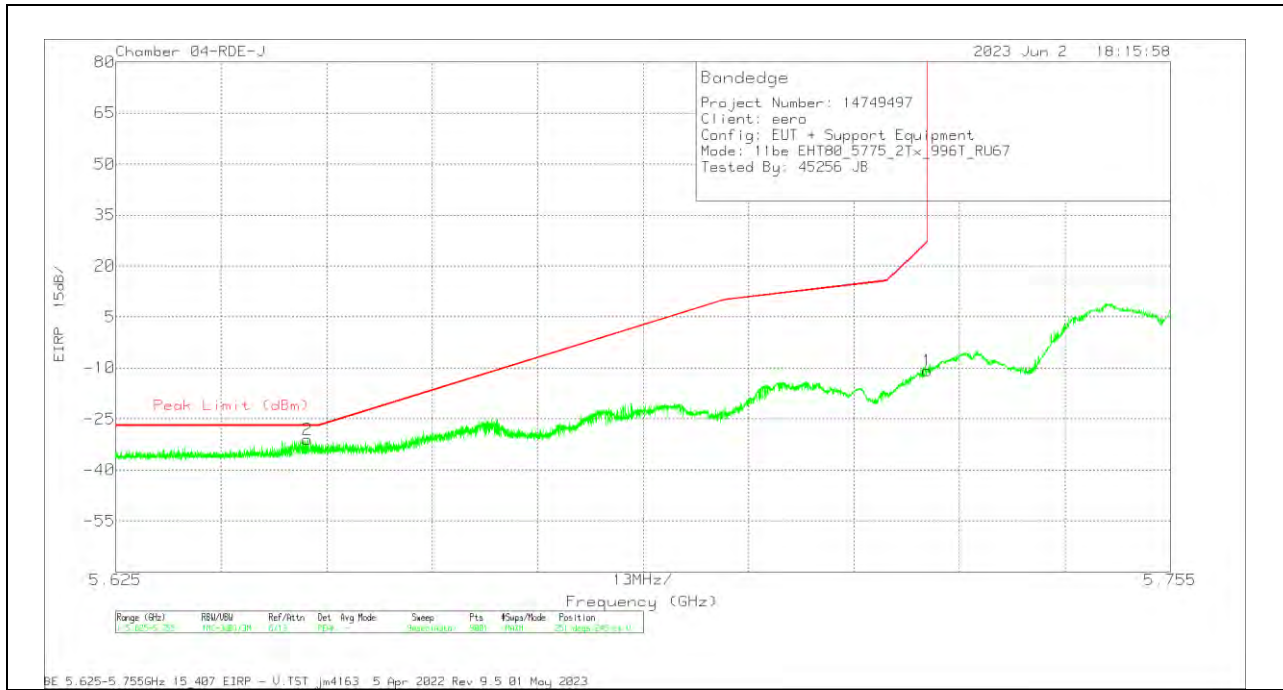


Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBm)	Det	222741 ACF(dB) - 3mH	Cbl/Amp (dB)	Conversion Factor (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.725	-38.22	Pk	34.7	-13.1	11.8	-4.82	27	-31.82	173	354	H
2	5.647995	-62.52	PK	34.6	-13	11.8	-29.12	-27	-2.12	173	354	H

Pk - Peak detector

VERTICAL RESULT



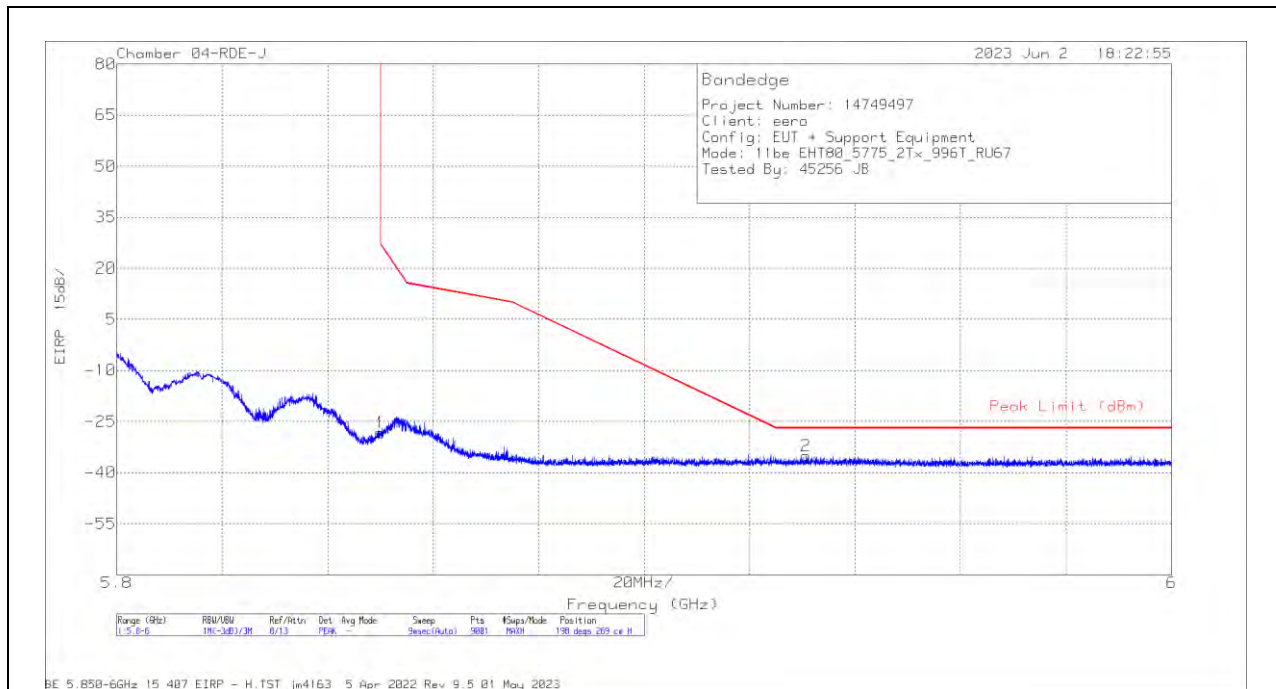
Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBm)	Det	222741 ACF(dB) - 3mH	Cbl/Amp (dB)	Conversion Factor (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.725	-44.19	Pk	34.7	-13.1	11.8	-10.79	27	-37.79	251	245	V
2	5.648602	-64.39	Pk	34.6	-13	11.8	-30.99	-27	-3.99	251	245	V

Pk - Peak detector

BANDEDGE (CHANNEL 155 HIGH EDGE)

HORIZONTAL RESULT



Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBm)	Det	222741 ACF(dB) - 3mH	Cbl/Amp (dB)	Conversion Factor (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.85	-62.03	Pk	34.8	-12.8	11.8	-28.23	27	-55.23	198	269	H
2	5.93071	-69.04	Pk	35	-12.9	11.8	-35.14	-27	-8.14	198	269	H

Pk - Peak detector

VERTICAL RESULT



Trace Markers

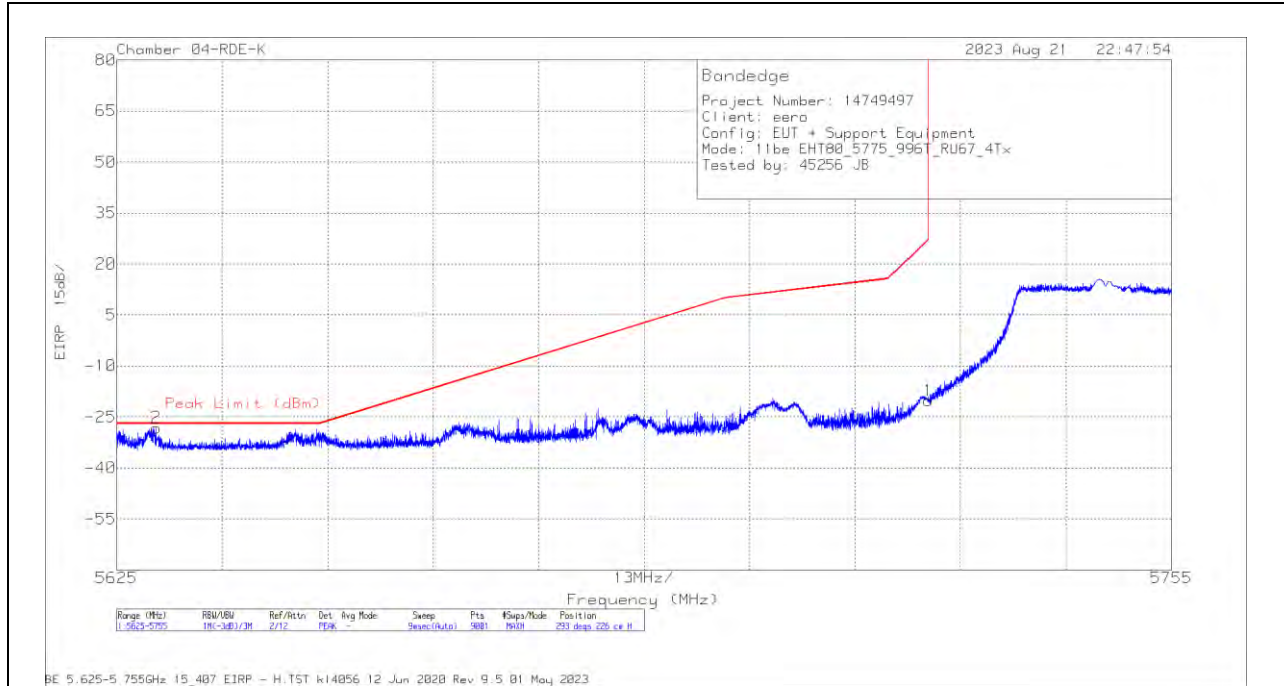
Marker	Frequency (GHz)	Meter Reading (dBm)	Det	222741 ACF(dB) - 3mH	Cbl/Amp (dB)	Conversion Factor (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.85	-63.11	Pk	34.8	-12.8	11.8	-29.31	27	-56.31	280	317	V
2	5.979332	-68.45	Pk	35.1	-13.1	11.8	-34.65	-27	-7.65	280	317	V

Pk - Peak detector

4TX Antenna 6 + Antenna 4 + Antenna 9 + Antenna 1 CDD OFDMA MODE: 996-Tones, RU Index 67

BANDEDGE (CHANNEL 155 LOW EDGE)

HORIZONTAL RESULT

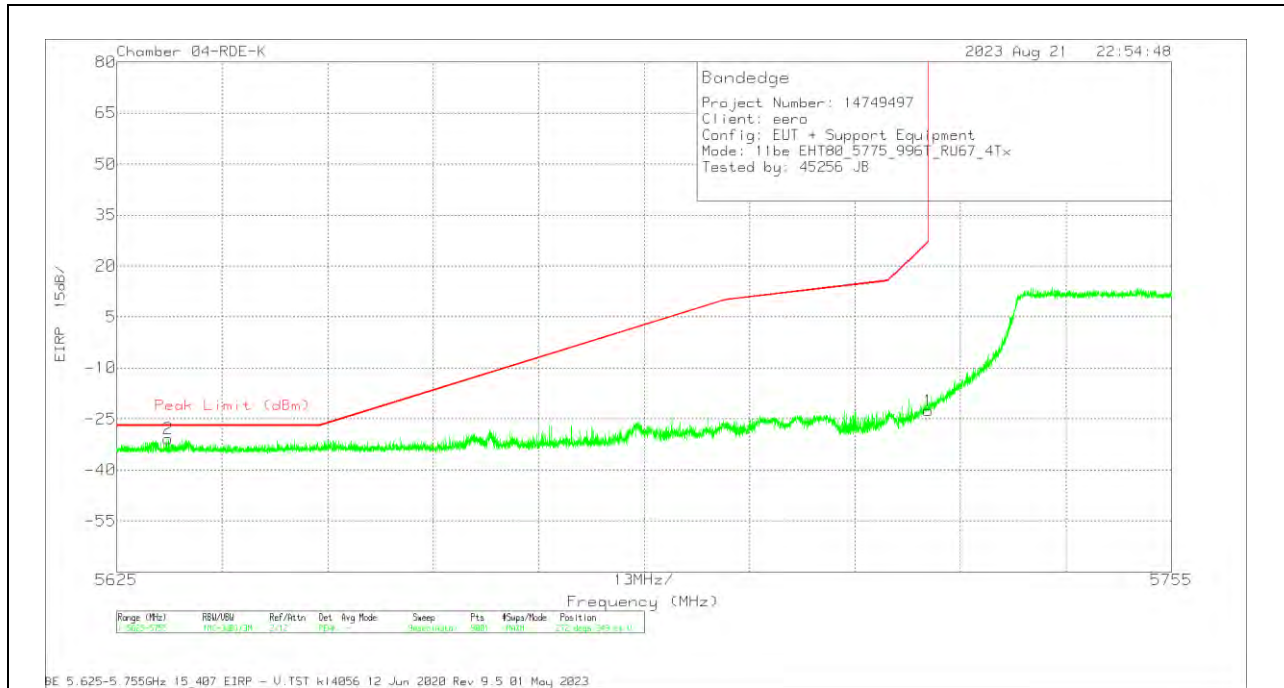


Trace Markers

Marker	Frequency (MHz)	Meter Reading (dBm)	Det	223083 ACF (dB) 3mH	Cbl/Amp (dB)	Conversion Factor (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5725	-60.58	Pk	34.7	-6	11.8	-20.08	27	-47.08	293	226	H
2	5629.839	-68.18	Pk	34.6	-6.4	11.8	-28.18	-27	-1.18	293	226	H

Pk - Peak detector

VERTICAL RESULT



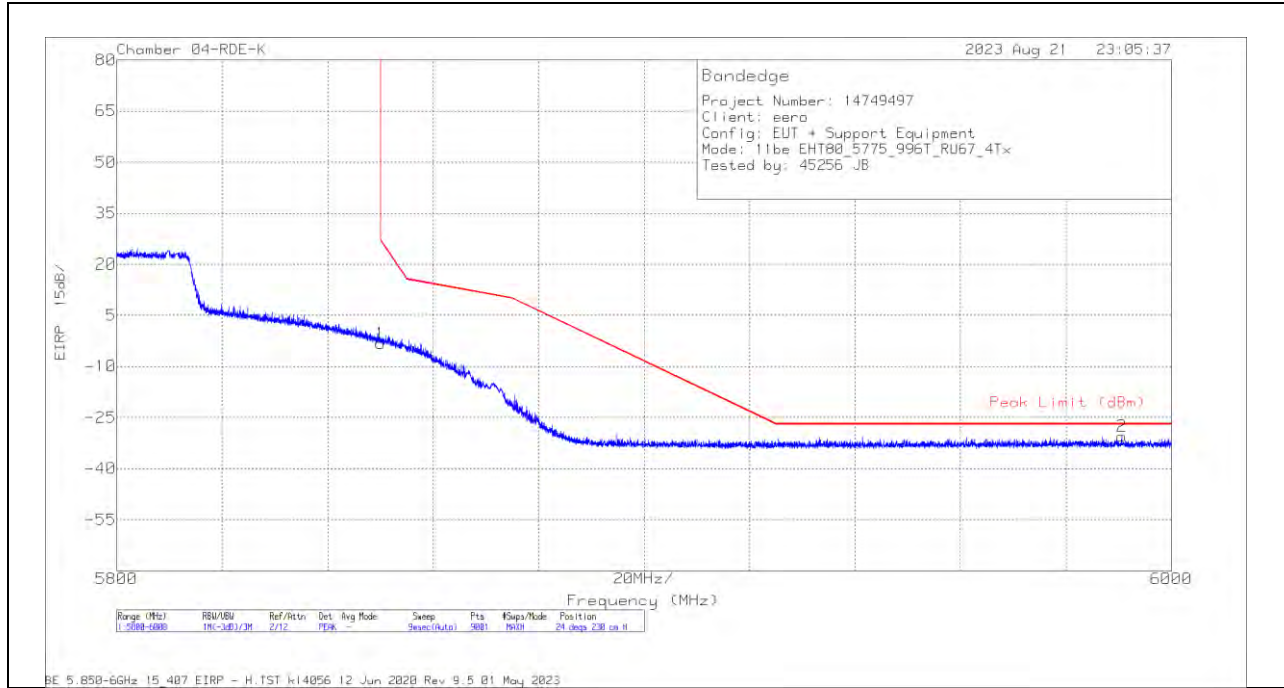
Trace Markers

Marker	Frequency (MHz)	Meter Reading (dBm)	Det	223083 ACF (dB) 3mH	Cbl/Amp (dB)	Conversion Factor (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5725	-63.03	Pk	34.7	-6	11.8	-22.53	27	-49.53	272	349	V
2	5631.312	-70.68	Pk	34.6	-6.5	11.8	-30.78	-27	-3.78	272	349	V

Pk - Peak detector

BANDEDGE (CHANNEL 155 HIGH EDGE)

HORIZONTAL RESULT

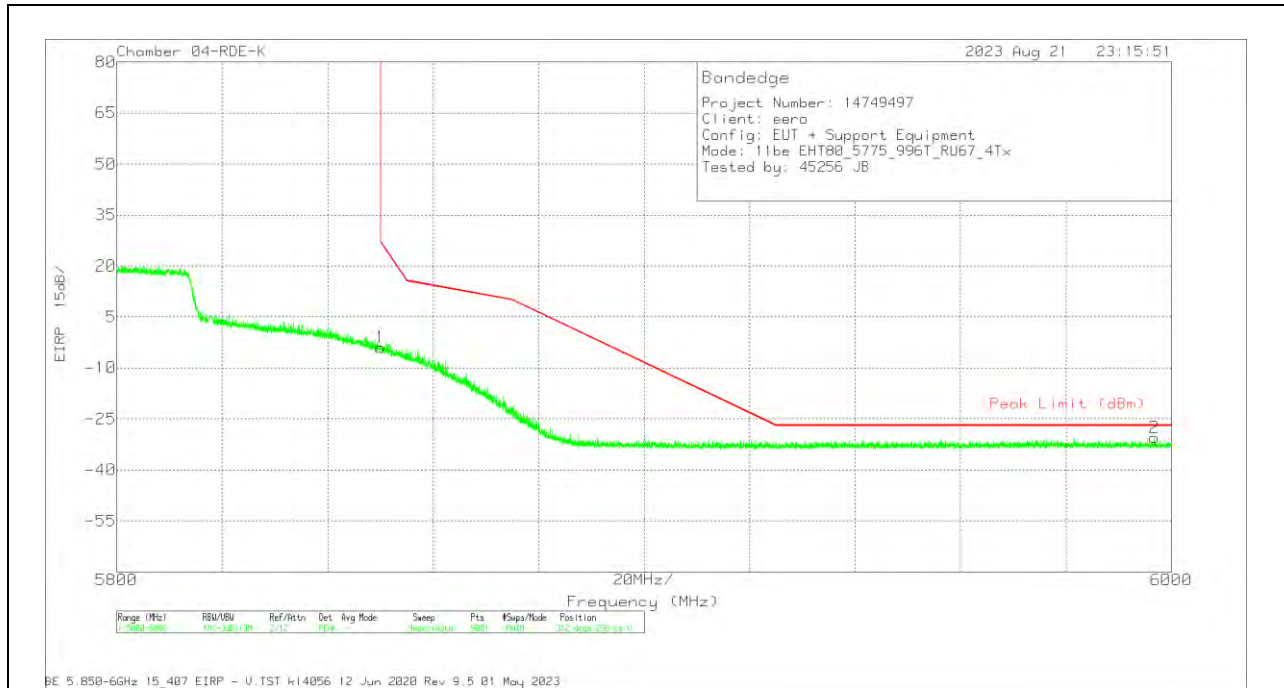


Trace Markers

Marker	Frequency (MHz)	Meter Reading (dBm)	Det	223083 ACF (dB) 3mH	Cbl/Amp (dB)	Conversion Factor (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Dags)	Height (cm)	Polarity
1	5850	-43.82	Pk	34.8	-6	11.8	-3.22	27	-30.22	24	230	H
2	5990.598	-71.63	Pk	35	-5.6	11.8	-30.43	-27	-3.43	24	230	H

Pk - Peak detector

VERTICAL RESULT



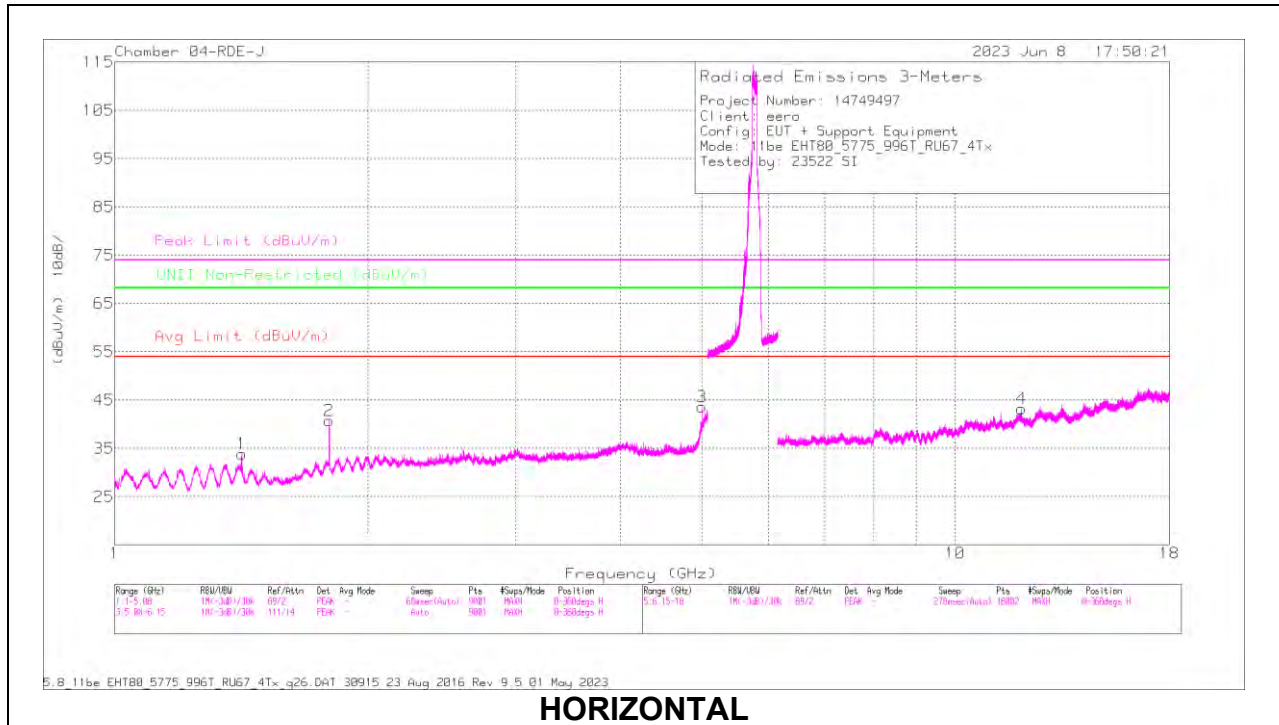
Trace Markers

Marker	Frequency (MHz)	Meter Reading (dBm)	Det	223083 ACF (dB) 3mH	Cbl/Amp (dB)	Conversion Factor (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5850	-44.61	Pk	34.8	-6	11.8	-4.01	27	-31.01	312	296	V
2	5996.776	-71.83	Pk	35	-5.5	11.8	-30.53	-27	-3.53	312	296	V

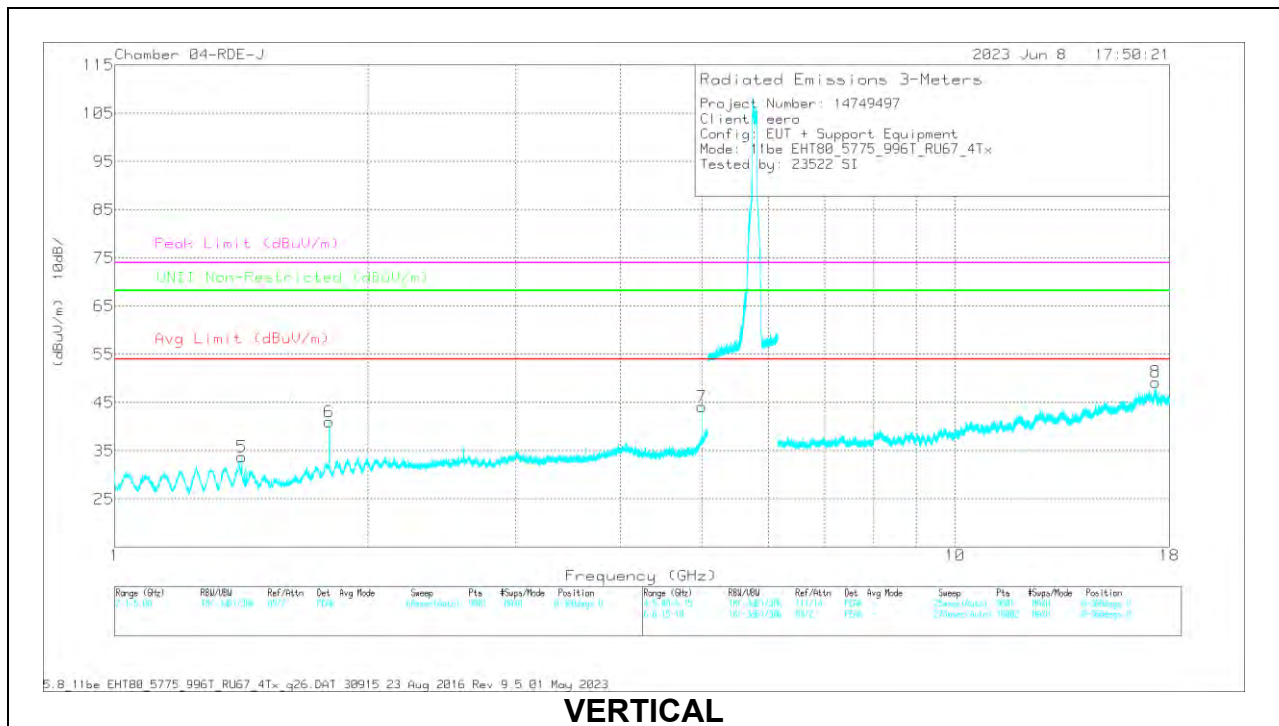
Pk - Peak detector

HARMONICS AND SPURIOUS EMISSIONS

MID CHANNEL



HORIZONTAL



VERTICAL

RADIATED EMISSIONS

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	223083 ACF (dB) 3mH	Cbl/Amp (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	*1.414048	65.57	PK-U	28.7	-45.5	48.77	-	-	74	-25.23	-	-	170	251	H
	*1.414588	46.31	ADR	28.7	-45.5	29.51	54	-24.49	-	-	-	-	170	251	H
2	1.80003	61.86	PK-U	30.2	-45.1	46.96	-	-	-	-	68.2	-21.24	170	199	H
3	*5.000163	57.4	PK-U	33.8	-38.5	52.7	-	-	74	-21.3	-	-	197	261	H
	*5.00031	50.1	ADR	33.8	-38.5	45.4	54	-8.6	-	-	-	-	197	261	H
5	*1.416458	70.9	PK-U	28.7	-45.5	54.1	-	-	74	-19.9	-	-	201	246	V
	*1.416744	47.62	ADR	28.7	-45.5	30.82	54	-23.18	-	-	-	-	201	246	V
6	1.80011	62.05	PK-U	30.2	-45.1	47.15	-	-	-	-	68.2	-21.05	156	104	V
7	*4.999991	55.43	PK-U	33.8	-38.5	50.73	-	-	74	-23.27	-	-	174	173	V
	*4.999996	49.36	ADR	33.8	-38.5	44.66	54	-9.34	-	-	-	-	174	173	V
4	*11.994328	46.76	PK-U	38.6	-34	51.36	-	-	74	-22.64	-	-	48	210	H
	*11.993292	35.13	ADR	38.6	-34	39.73	54	-14.27	-	-	-	-	48	210	H
8	17.32064	48.42	PK-U	41	-30.9	58.52	-	-	-	-	68.2	-9.68	37	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

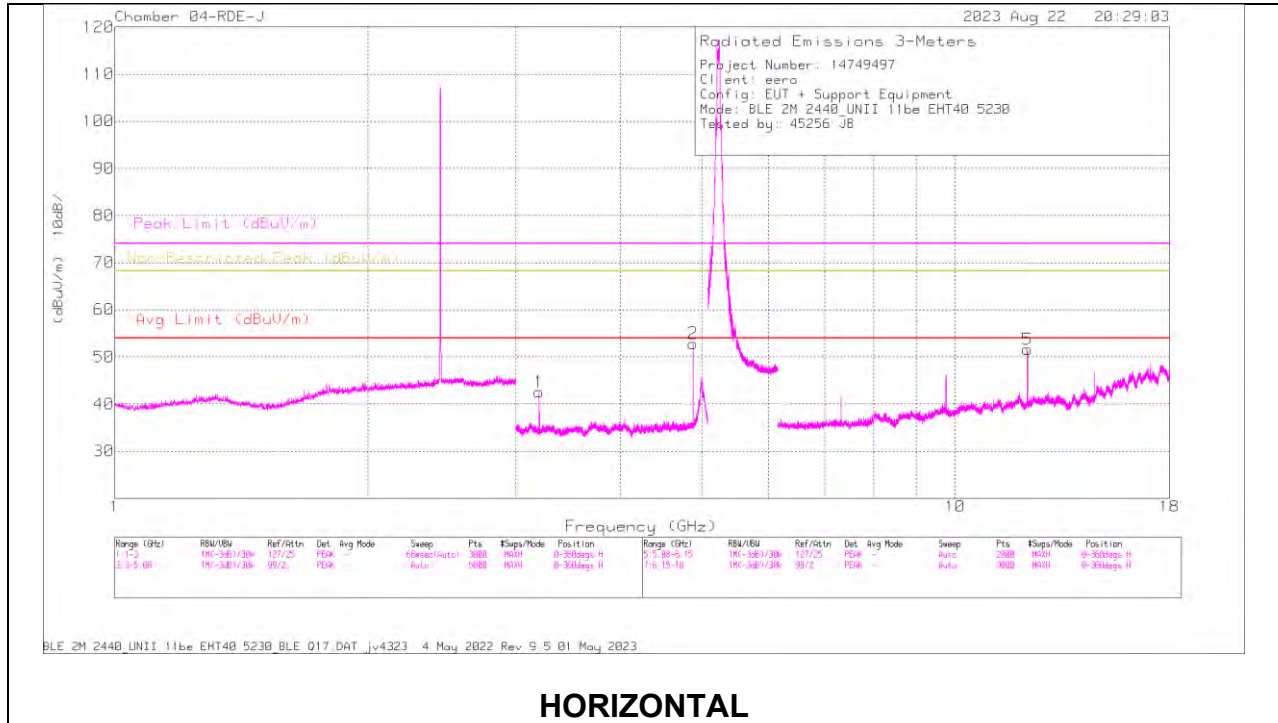
10.1. SPURIOUS EMISSIONS FOR COLLOCATION

TEST-CASE CONDITIONS

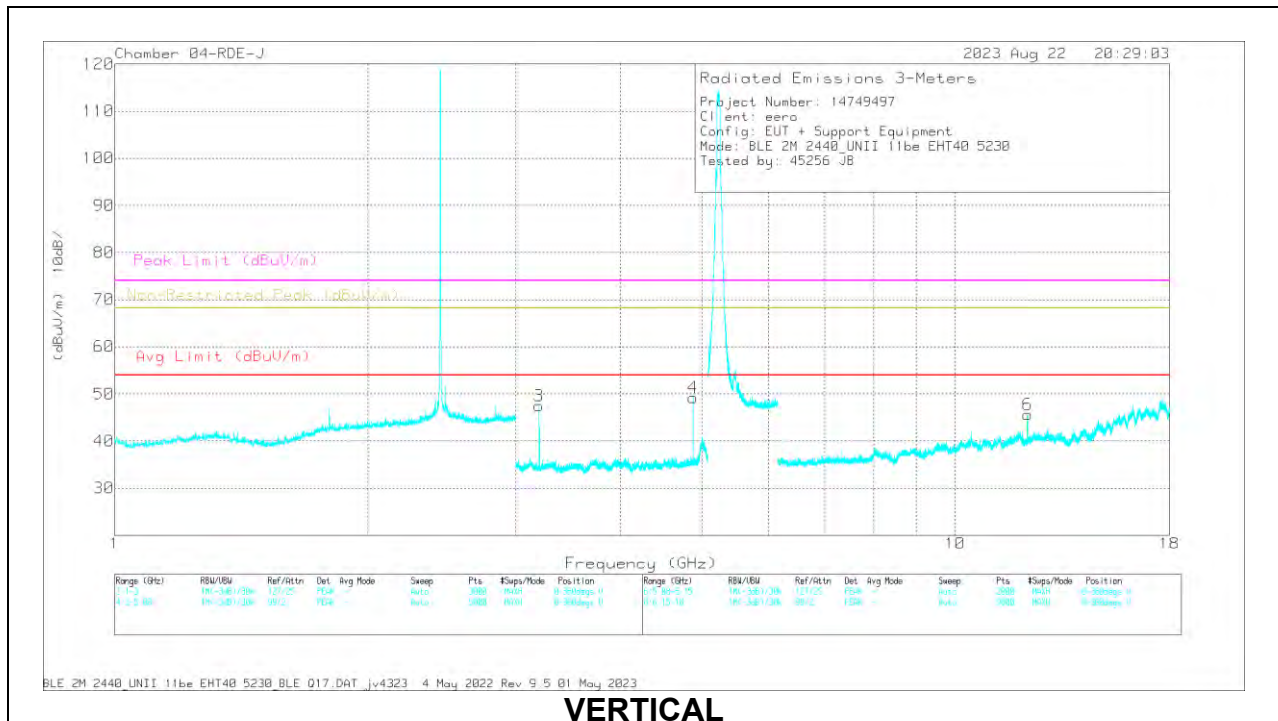
Test Case #	Antenna	Mode	Frequency (MHz)
1	1x1	BLE, 2Mbps	2440
	4x4	UNII 5GHz, EHT40	5230
2	1x1	802.15.4	2475
	4x4	UNII 5GHz, EHT40	5230
3	2x2	DTS 2.4GHz	2437
	4x4	UNII 5GHz, EHT40	5230

CASE 1:

HARMONICS AND SPURIOUS EMISSIONS



HORIZONTAL



VERTICAL

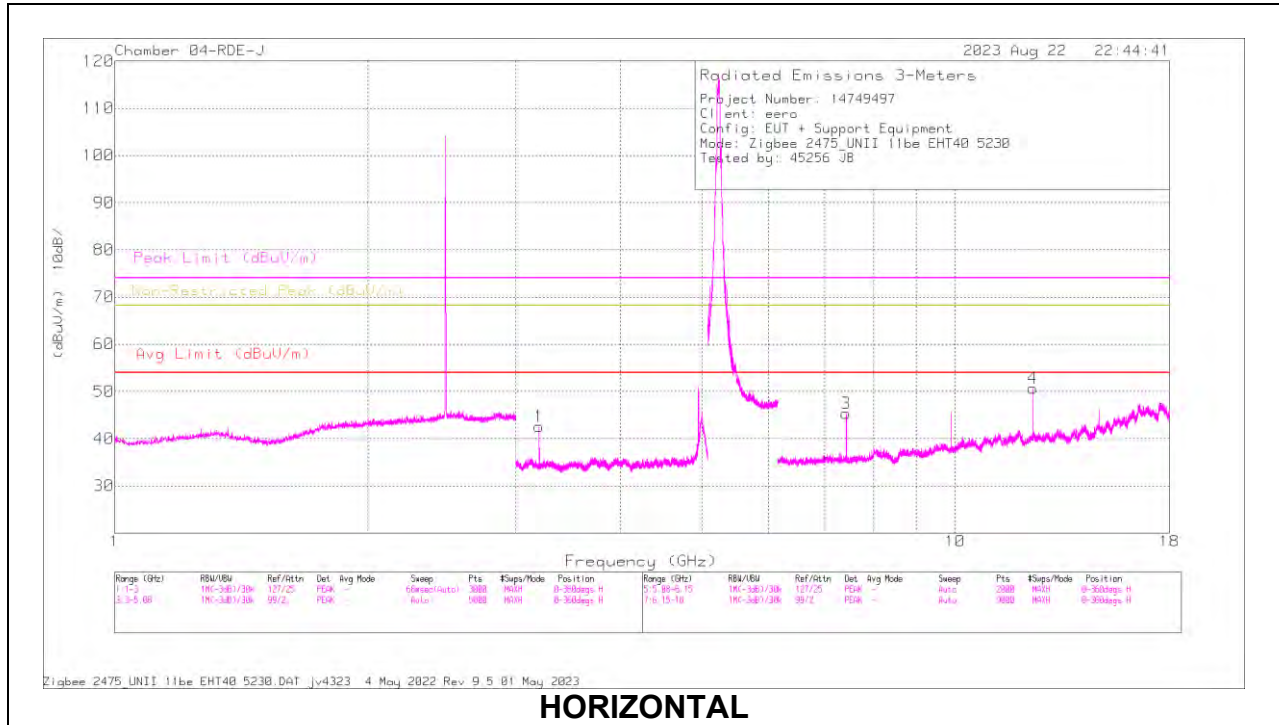
Radiated Emissions

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	222741 ACF (dB) - 3mH	Cbl/Amp (dB)	156487 5GHz BRF (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	Non-Restricted Peak (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	3.200156	58.82	PK-U	32.9	-44.9	.15	46.97	-	-	-	-	68.2	-21.23	28	172	H
2	* 4.878909	63.33	PK-U	34	-44.6	.32	53.05	-	-	74	-20.95	--	-	248	126	H
	* 4.880808	52.83	ADR	34	-44.6	.32	42.55	53.97	-11.42	-	-	-	-	248	126	H
3	3.200252	62.29	PK-U	32.9	-44.9	.15	50.44	-	-	-	-	68.2	-17.76	122	104	V
4	* 4.879008	64.09	PK-U	34	-44.6	.32	53.81	-	-	74	-20.19	-	-	268	225	V
	* 4.87912	58.04	ADR	34	-44.6	.32	47.76	53.97	-6.21	-	-	-	-	268	225	V
	* 12.197494	60.83	PK-U	38.8	-40	-	59.63	-	-	74	-14.37	-	-	235	210	H
5	* 12.19755	54.03	ADR	38.8	-40	-	52.83	53.97	-1.14	-	-	-	-	235	210	H
	* 12.202443	57.29	PK-U	38.8	-40.1	-	55.99	-	-	74	-18.01	-	-	251	244	V
	* 12.20233	48.54	ADR	38.8	-40.1	-	47.24	53.97	-6.73	-	-	-	-	251	244	V

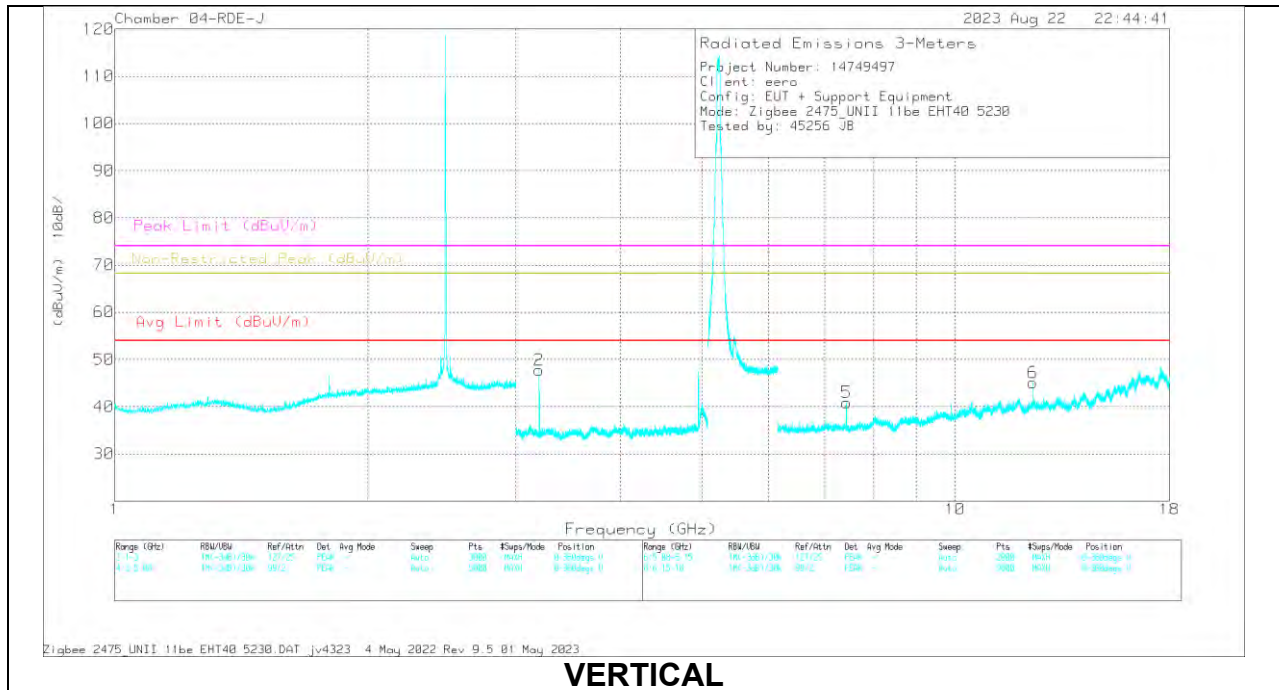
* - Indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band
 PK2 - KDB558074 Method: Maximum Peak
 MAV1 - KDB558074 Option 1 Maximum RMS Average

CASE 2:

HARMONICS AND SPURIOUS EMISSIONS



HORIZONTAL



VERTICAL

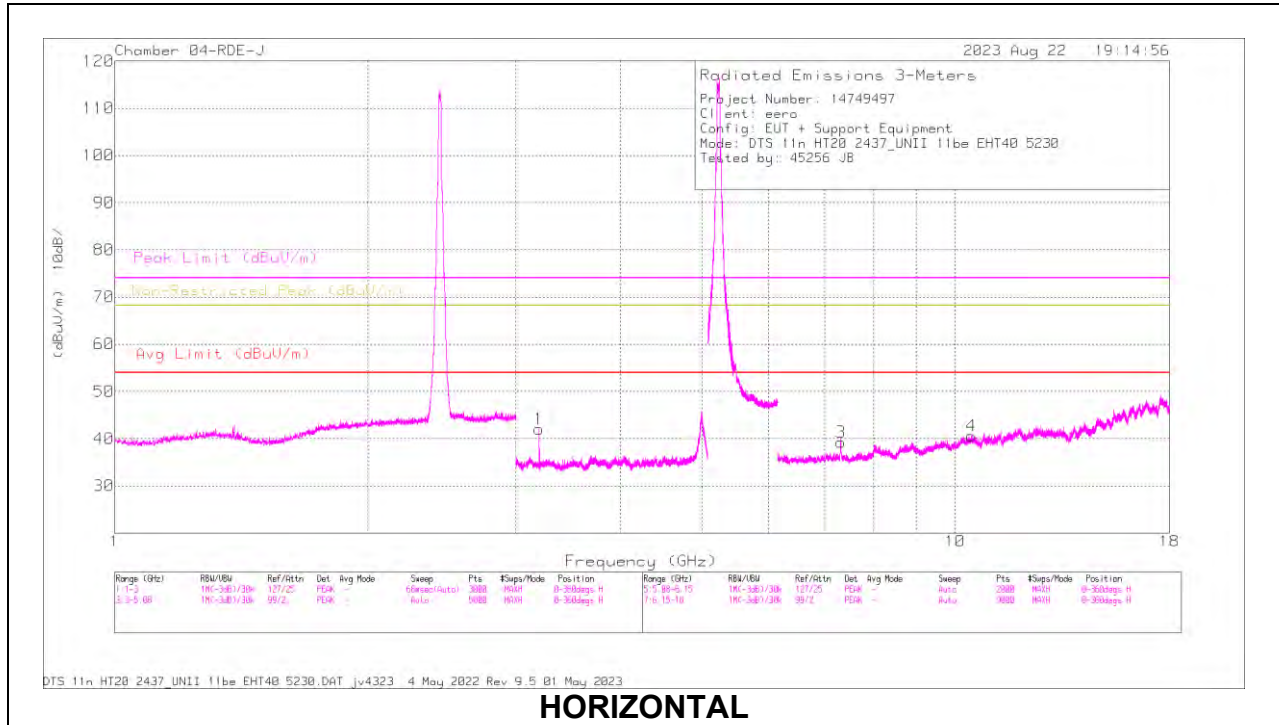
Radiated Emissions

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	222741 ACF(dB) 3mH	Cbl/Amp (dB)	156487 5GHz BRF (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	Non-Restricted Peak (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	3.200073	58.44	PK-U	32.9	-44.9	.15	46.59	-	-	-	-	68.2	-21.61	31	169	H
2	3.200114	62.03	PK-U	32.9	-44.9	.15	50.18	-	-	-	-	68.2	-18.02	122	101	V
3	* 7.42331	60.17	PK-U	35.8	-42.6	-	53.37	-	-	74	-20.63	-	-	143	184	H
	* 7.423417	53.38	ADR	35.8	-42.6	-	46.58	-53.97	-7.39	-	-	-	-	143	184	H
4	* 12.372536	60.16	PK-U	38.9	-39.9	-	59.16	-	-	74	-14.84	-	-	206	218	H
	* 12.372351	53.65	ADR	38.9	-39.8	-	52.75	-53.97	-1.22	-	-	-	-	206	218	H
5	* 7.426319	58.56	PK-U	35.8	-42.7	-	51.66	-	-	74	-22.34	-	-	244	125	V
	* 7.426415	50.98	ADR	35.8	-42.7	-	44.08	-53.97	-9.89	-	-	-	-	244	125	V
6	* 12.37753	56.43	PK-U	38.9	-39.9	-	55.43	-	-	74	-18.57	-	-	280	159	V
	* 12.377404	48.22	ADR	38.9	-39.9	-	47.22	-53.97	-6.75	-	-	-	-	280	159	V

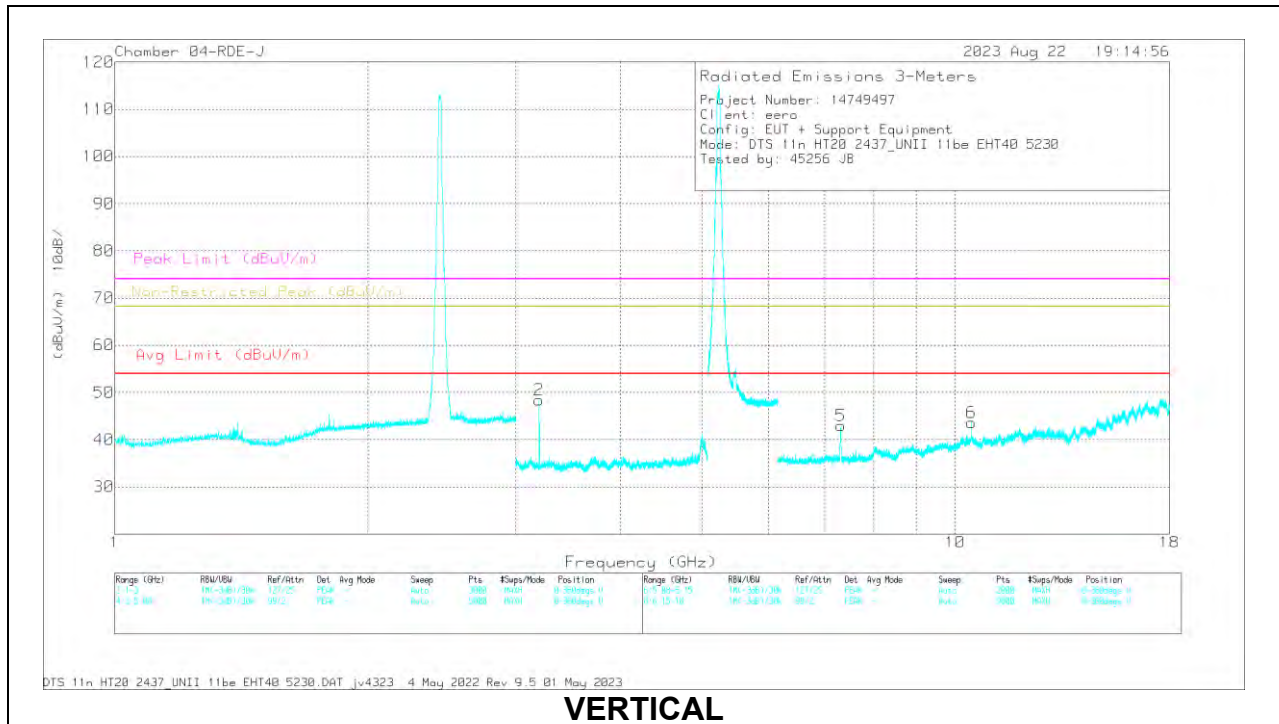
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band
 PK-U - U-NII: Maximum Peak
 ADR - U-NII AD primary method, RMS average

CASE 3:

HARMONICS AND SPURIOUS EMISSIONS



HORIZONTAL



VERTICAL

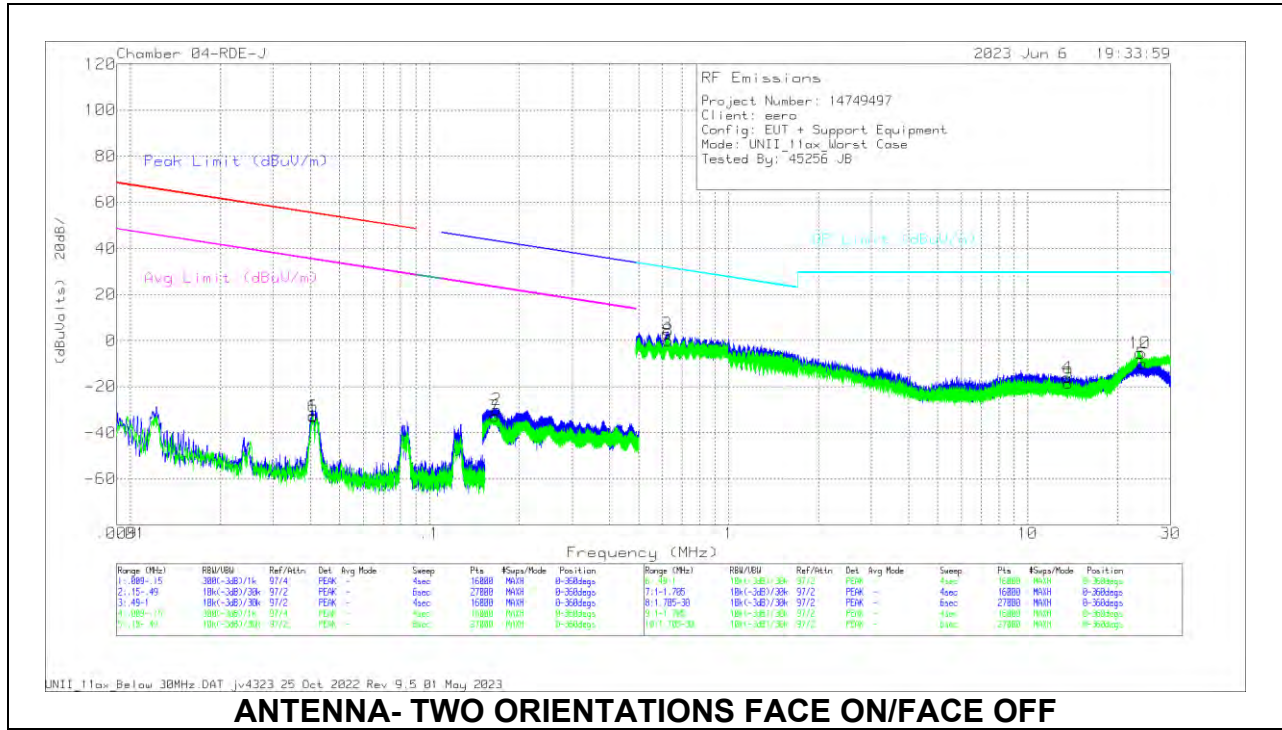
Radiated Emissions

Marker	Frequency (GHz)	Meas Reading (dBm)	Det	222741 ACF(dB) - 3dBH	CouAmp (dB)	194487 Spic BRF (dB)	Corrected Reading (dBm)	Avg Limit (dBW/m)	Margin (dB)	Peak Limit (dBW/m)	Margin (dB)	Non-Restricted Peak (dBW/m)	PK Margin (dB)	Altitude (Dwps)	Height (cm)	Polarity
1	3.200469	57.63	PK-U	32.9	-44.9	.15	45.78	-	-	-	-	68.2	-22.42	214	229	H
2	3.200168	58.81	PK-U	32.9	-44.9	.15	46.96	-	-	-	-	68.2	-21.24	4	158	V
3	* 7.314603	56.83	PK-U	35.8	-42.4	-	50.23	-	-	74	-23.77	-	-	161	236	H
	* 7.313769	44.52	ADR	35.8	-42.5	-	37.82	53.97	-16.15	-	-	-	-	161	236	H
4	10.463687	54.28	PK-U	37.4	-40.8	-	50.88	-	-	-	-	68.2	-17.32	28	176	H
	* 7.312042	60.45	PK-U	35.8	-42.5	-	53.75	-	-	74	-20.25	-	-	173	171	V
5	* 7.312476	47.51	ADR	35.8	-42.5	-	40.81	53.97	-13.16	-	-	-	-	173	171	V
	10.456424	56.93	PK-U	37.4	-40.9	-	53.43	-	-	-	-	68.2	-14.77	63	225	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

10.2. WORST CASE BELOW 30MHz

SPURIOUS EMISSIONS BELOW 30 MHz (WORST-CASE CONFIGURATION)



ANTENNA- TWO ORIENTATIONS FACE ON/FACE OFF

Below 30MHz Data

Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	Loop Antenna E(ACF)	Amp/Cables (dB)	Dist Corr 300m	Corrected Reading (dBuV/m)	Peak Limit (dBuV/m)	Margin (dB)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	Avg Limit (dBuV/m)	Margin (dB)	Azimuth (Degs)
1	0409	22.33	Pk	57.3	-32.3	-80	-32.67	55.34	-88.01	35.34	-88.01	-	-	23.12	-53	0-360
2	1079	28.20	Pk	57.1	-32.3	-80	-29.58	55.38	-88.23	35.38	-88.23	43.25	-76.1	23.25	-56.1	0-360
6	0408	22.15	Pk	57.3	-32.3	-80	-32.85	55.38	-88.23	35.38	-88.23	-	-	23.25	-56.1	0-360
7	1654	23.35	Pk	56.1	-32.3	-80	-32.85	55.38	-88.23	35.38	-88.23	-	-	23.25	-56.1	0-360

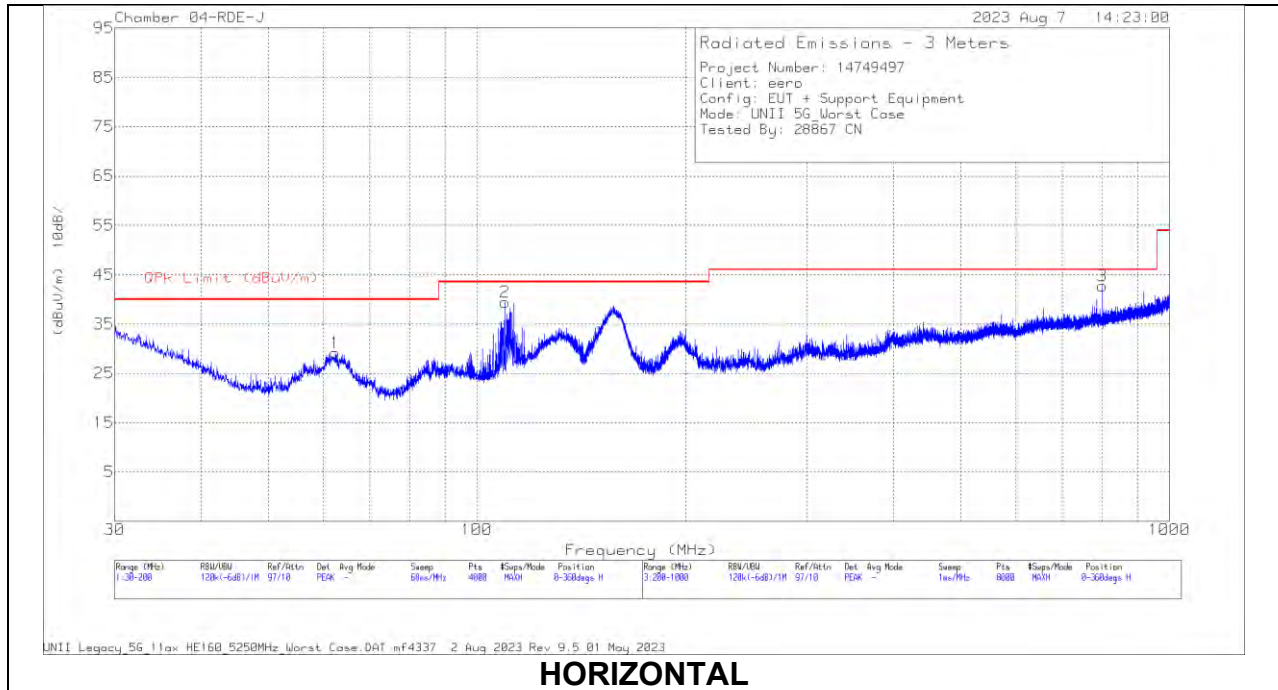
Pk - Peak detector

Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	Loop Antenna E(ACF)	Amp/Cables (dB)	Dist Corr 30m (dB) 40Log	Corrected Reading (dBuV/m)	GP Limit (dBuV/m)	Margin (dB)	Azimuth (Degs)
3	4022	19.05	Pk	56.3	-32.2	-40	-32.2	31.73	-28.58	0-360
8	4204	19.04	Pk	56.3	-32.2	-40	-32.2	31.66	-31.61	0-360
4	13.5621	21.72	Pk	34.2	-31.9	-40	-15.98	29.5	-45.48	0-360
5	24.1699	27.89	Pk	33.8	-31.7	-40	-10.01	29.5	-39.51	0-360
9	13.661	19.21	Pk	34.2	-31.9	-40	-18.69	29.5	-47.98	0-360
10	23.6617	32.43	Pk	33.8	-31.7	-40	-5.47	29.5	-34.97	0-360

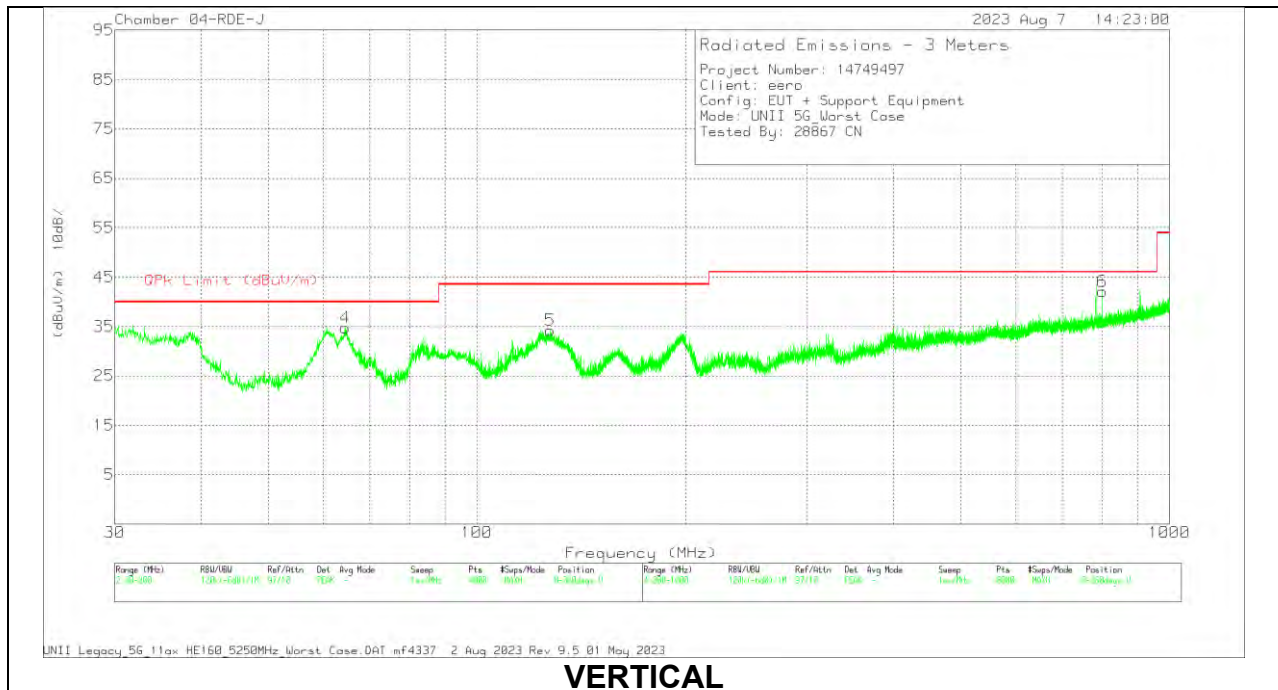
Pk - Peak detector

10.3. WORST CASE BELOW 1 GHz (Foxlink PSU)

SPURIOUS EMISSIONS 30 TO 1000 MHz (WORST-CASE CONFIGURATION)



HORIZONTAL



VERTICAL

Below 1GHz Data

Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	80293 ACF (dB) 10m H	Amp/Cbl (dB)	10 dB Pad	Corrected Reading (dBuV/m)	QPk Limit (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	62.4784	37.16	Pk	13.5	-31.5	10	29.16	40	-10.84	0-360	299	H
2	* 109.722	23.84	Qp	18.5	-31.2	10	21.14	43.52	-22.38	225	208	H
4	64.7248	34.77	Qp	13.7	-31.5	10	26.97	40	-13.03	99	111	V
5	* 127.563	35.37	Pk	20	-31.1	10	34.27	43.52	-9.25	0-360	100	V
3	800.032	34.87	Qp	27	-28.8	10	43.07	46.02	-2.95	85	101	H
6	800.035	33.27	Qp	27	-28.8	10	41.47	46.02	-4.55	116	184	V

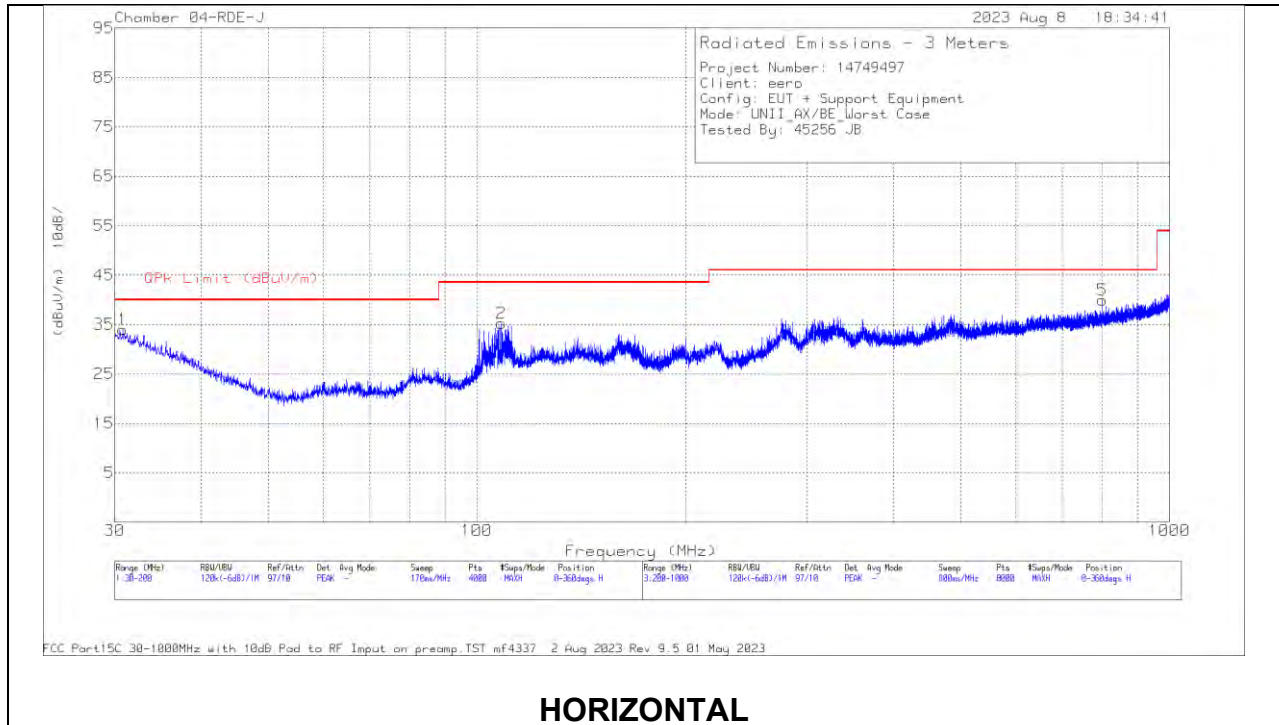
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

Pk - Peak detector

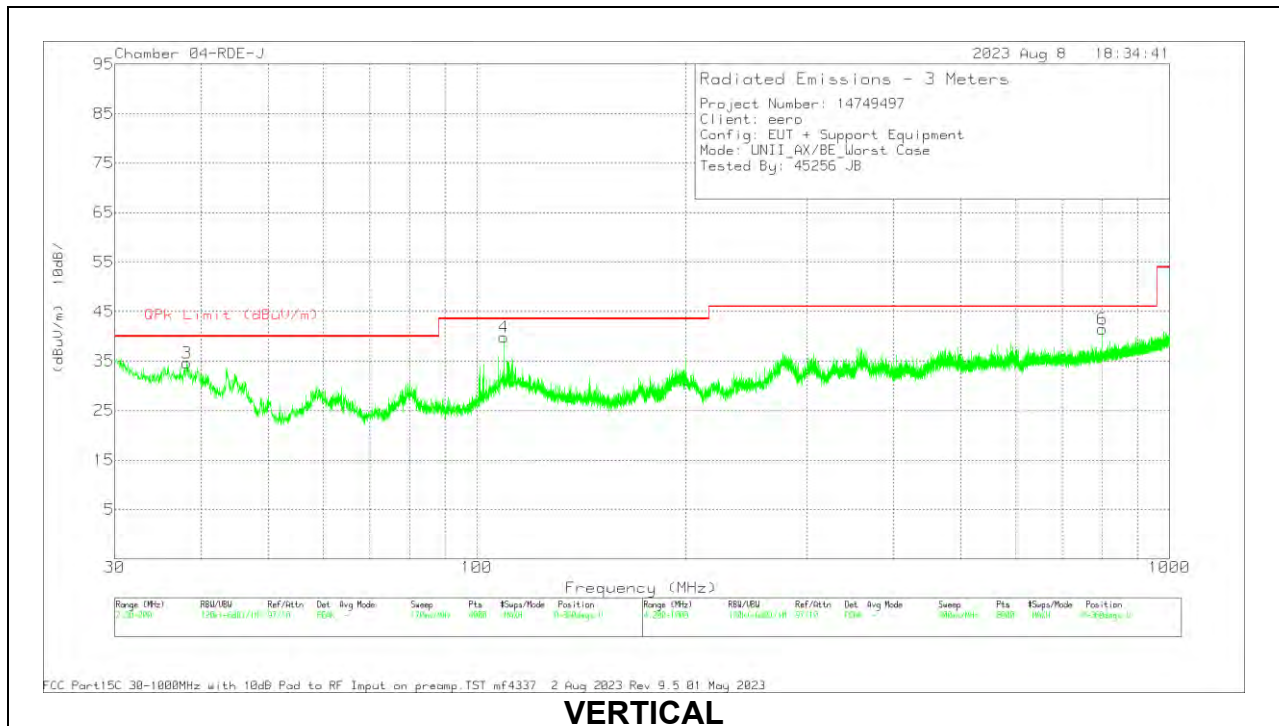
Qp - Quasi-Peak detector

10.4. WORST CASE BELOW 1 GHz (Luxshare PSU)

SPURIOUS EMISSIONS 30 TO 1000 MHz (WORST-CASE CONFIGURATION)



HORIZONTAL



VERTICAL

Below 1GHz Data

Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	80293 ACF (dB) 10m H	Amp/Cbl (dB)	10 dB Pad	Corrected Reading (dBuV/m)	QPk Limit (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	30.8077	29.56	Pk	26.2	-31.8	10	33.96	40	-6.04	0-360	399	H
2	* 108.518	38.14	Pk	18.3	-31.2	10	35.24	43.52	-8.28	0-360	299	H
3	39.5413	30.81	Qp	20.1	-31.7	10	29.21	40	-10.79	159	117	V
4	* 108.683	29.89	Qp	18.3	-31.2	10	26.99	43.52	-16.53	98	113	V
5	800.078	31.72	Pk	27	-28.8	10	39.92	46.02	-6.1	0-360	199	H
6	800.038	28.73	Qp	27	-28.8	10	36.93	46.02	-9.09	9	122	V

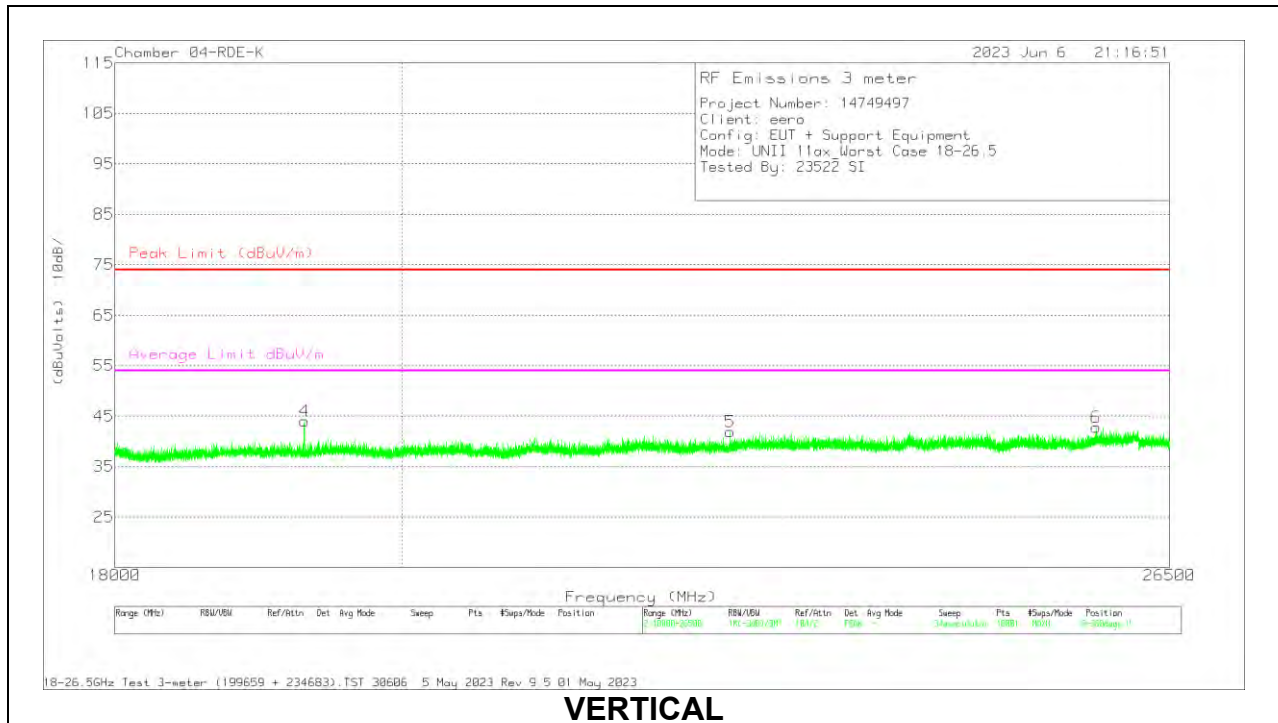
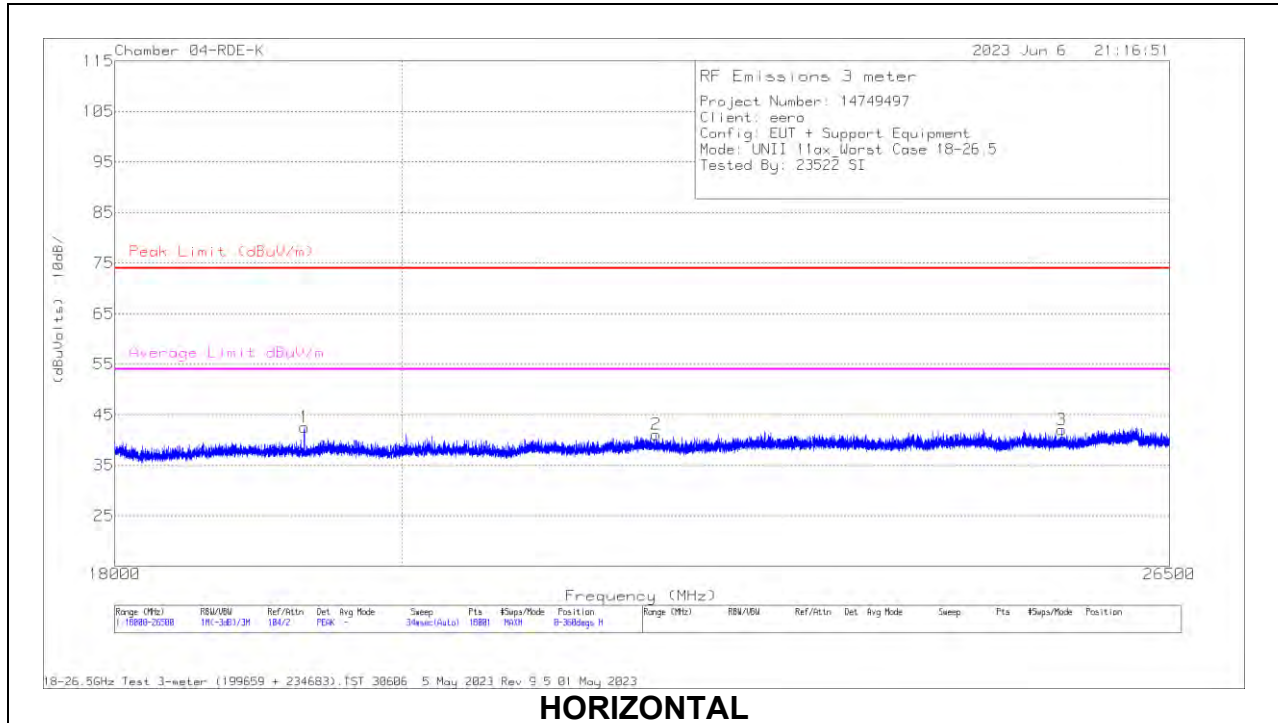
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

Pk - Peak detector

Qp - Quasi-Peak detector

10.5. WORST CASE 18-26 GHz

SPURIOUS EMISSIONS 18-26 GHz (WORST-CASE CONFIGURATION)



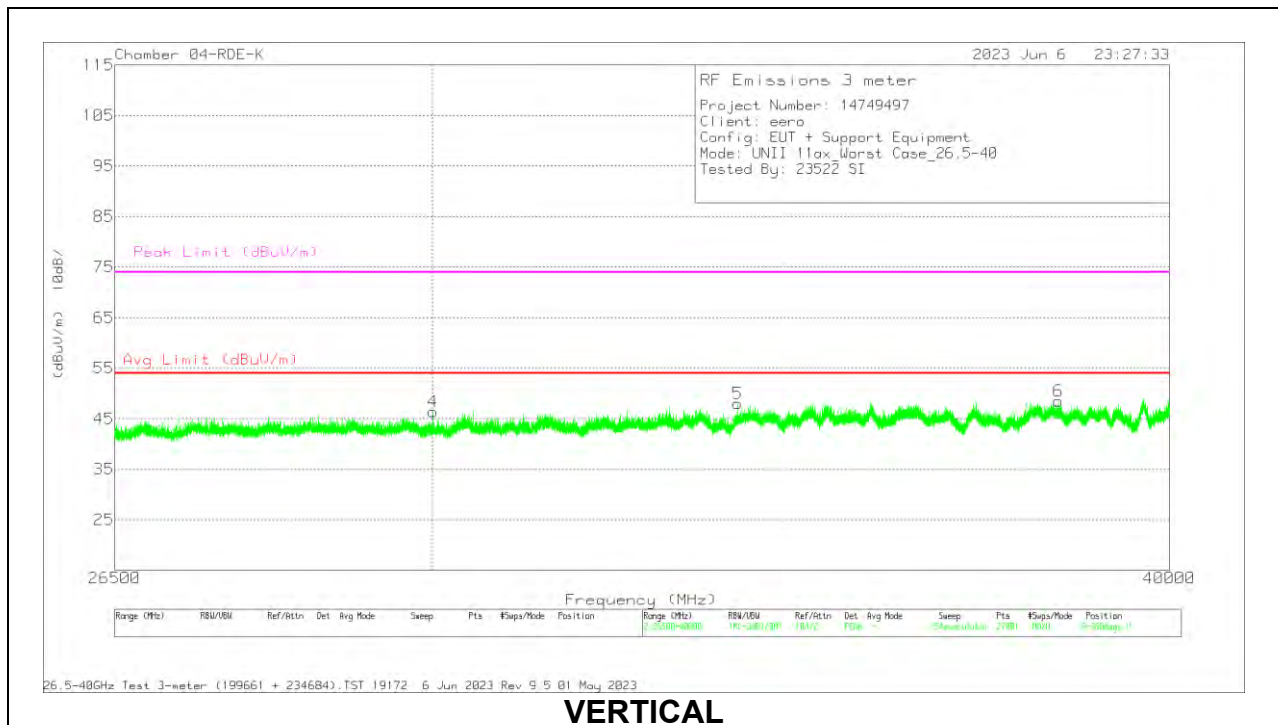
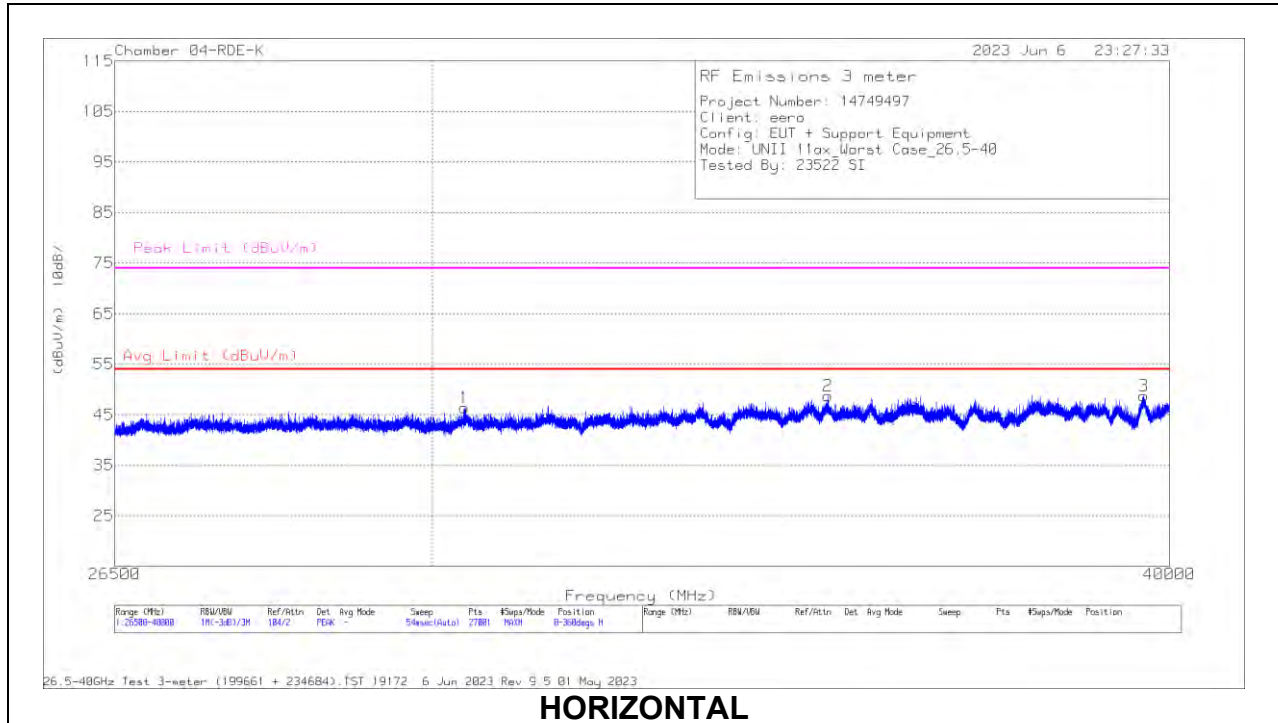
18 – 26GHz Data

Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	Horn ACF (dB/m)	234683 Amp/Cbl (dB)	Cables (dB)	Corrected Reading (dBuVolts)	Peak Limit (dBuV/m)	PK Margin (dB)	Average Limit dBuV/m	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 19295.777	54.37	Pk	32.4	-62.7	18.5	42.57	74	-31.43	-	-	0-360	101	H
2	21951.081	50.9	Pk	33.2	-62.5	19.5	41.1	74	-32.9	-	-	0-360	101	H
3	25472.441	48.75	Pk	34.1	-62	21.2	42.05	74	-31.95	-	-	0-360	101	H
4	* 19295.777	55.77	Pk	32.4	-62.7	18.5	43.97	74	-30.03	-	-	0-360	199	V
5	* 22554.581	51.37	Pk	33.3	-62.6	19.8	41.87	74	-32.13	-	-	0-360	199	V
6	25796.857	48.99	Pk	34.2	-61.7	21.3	42.79	74	-31.21	-	-	0-360	199	V

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

10.6. WORST CASE 26-40 GHz

SPURIOUS EMISSIONS 26-40 GHz (WORST-CASE CONFIGURATION)



26 – 40GHz Data

Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	Horn ACF (dB/m)	234684 Amp/Cbl (dB)	Cables (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	30372	45.61	Pk	36.5	-59	23.3	46.41	-	-	74	-27.59	0-360	101	H
2	35010.5	46.02	Pk	37.4	-59.9	25.2	48.72	-	-	74	-25.28	0-360	199	H
3	* 39600	44.55	Pk	38.4	-61.4	27.2	48.75	-	-	74	-25.25	0-360	101	H
4	30008.5	46.32	Pk	36.4	-59.4	23.1	46.42	-	-	74	-27.58	0-360	199	V
5	33795.5	46.66	Pk	37.3	-60.7	24.7	47.96	-	-	74	-26.04	0-360	199	V
6	38306	46.02	Pk	38	-62.2	26.7	46.52	-	-	74	-25.48	0-360	199	V

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

11. AC POWERLINE CONDUCTED EMISSIONS

LIMITS

FCC §15.207 (a)

RSS-Gen 8.8

Frequency of Emission (MHz)	Conducted Limit (dB μ V)	
	Quasi-peak	Average
0.15-0.5	66 to 56 *	56 to 46 *
0.5-5	56	46
5-30	60	50

*Decreases with the logarithm of the frequency.

TEST PROCEDURE

The EUT is placed on a non-conducting table 40 cm from the vertical ground plane and 80 cm above the horizontal ground plane. The EUT is configured in accordance with ANSI C63.10.

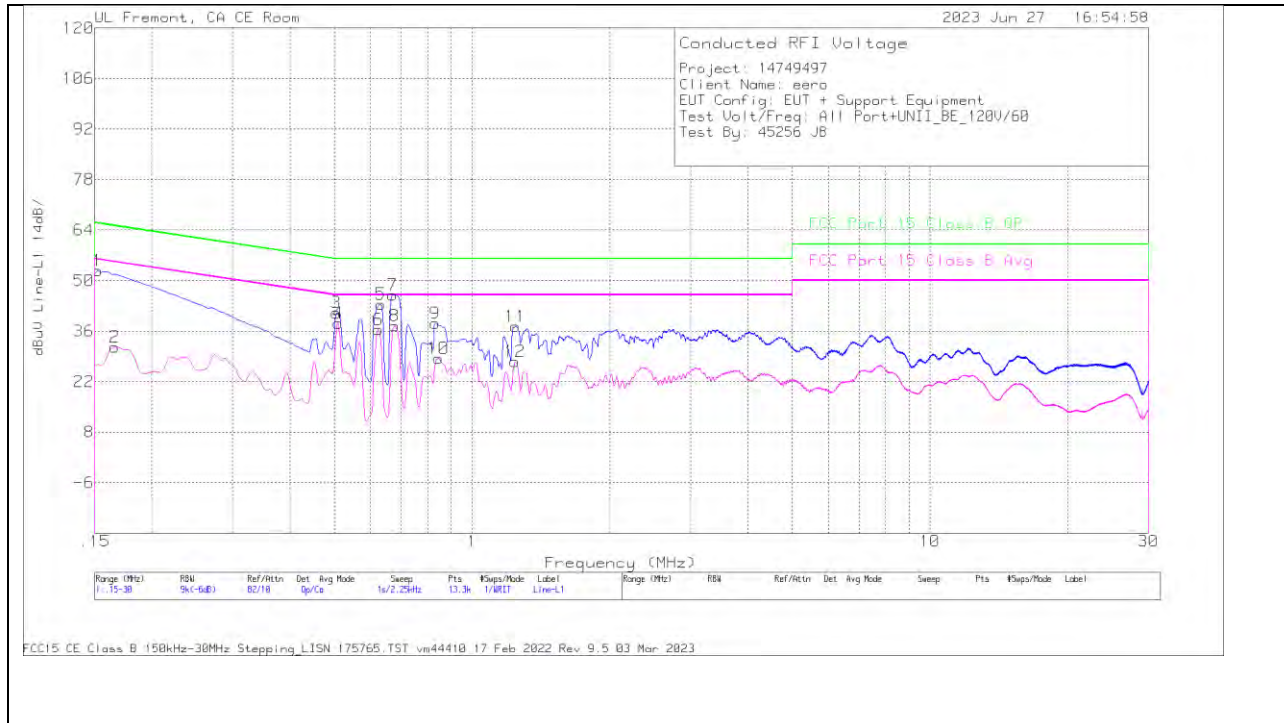
The receiver is set to a resolution bandwidth of 9 kHz. Peak detection is used unless otherwise noted as quasi-peak or average.

Line conducted data is recorded for both NEUTRAL and HOT lines.

RESULTS

11.1. AC POWER LINE (Foxlink PSU)

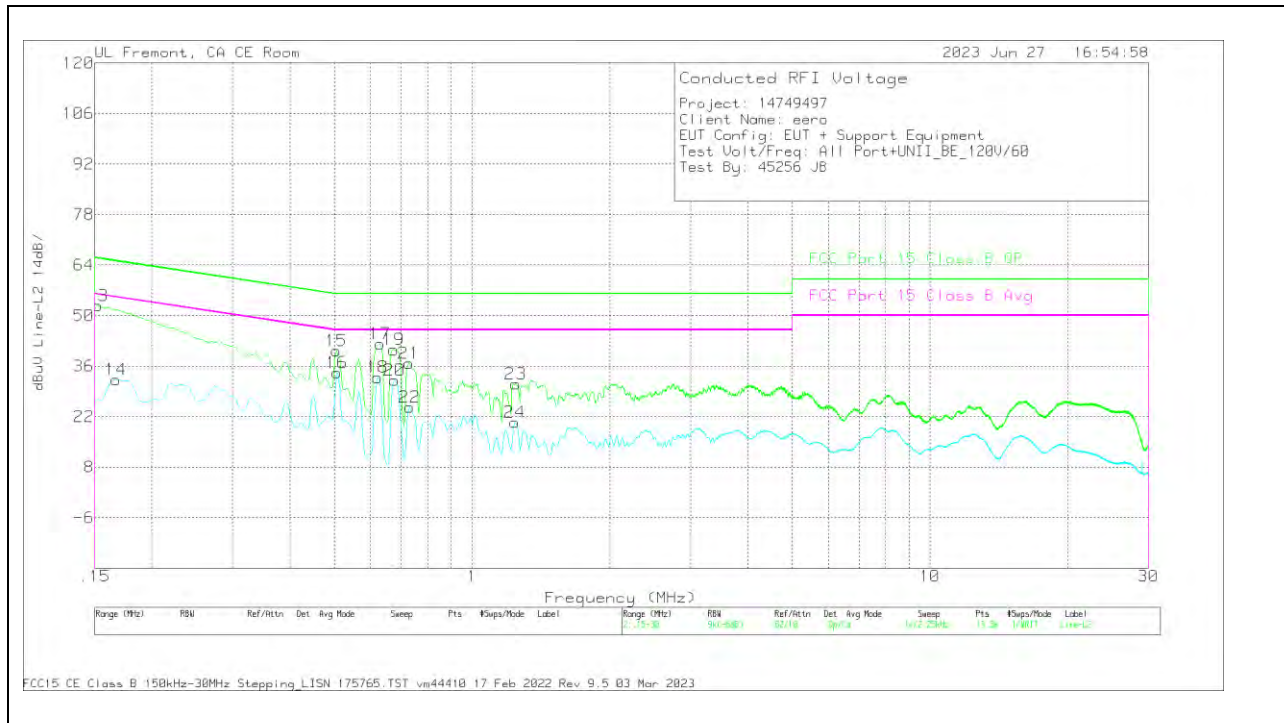
LINE 1 RESULTS



Range 1: Line-L1_15 - 30MHz												
Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	L1_LISN.csv	C1&C3 cable path loss	207996 Limiter with short cabl	Corrected Reading dBuV	FCC Part 15 Class B QP	QP Margin (dB)	FCC Part 15 Class B Avg	Av(CISPR)M argin (dB)	
2	.1658	22.22	Ca	0	0	9.4	31.62	-	-	55.17	-23.55	
4	.51	28.74	Ca	0	.1	9.3	38.14	-	-	46	-7.86	
6	.6236	26.97	Ca	0	.1	9.3	36.37	-	-	46	-9.63	
8	.6765	28.13	Ca	0	.1	9.3	37.53	-	-	46	-8.47	
10	.8453	19.05	Ca	0	.1	9.3	28.45	-	-	46	-17.55	
12	1.2413	18.17	Ca	0	.1	9.3	27.57	-	-	46	-18.43	
1	.1523	43.42	Qp	0	0	9.4	52.82	65.88	-13.06	-	-	
3	.5055	31.65	Qp	0	.1	9.3	41.05	56	-14.95	-	-	
5	.6315	34.08	Qp	0	.1	9.3	43.48	56	-12.52	-	-	
7	.672	36.56	Qp	0	.1	9.3	45.96	56	-10.04	-	-	
9	.8318	28.81	Qp	0	.1	9.3	38.21	56	-17.79	-	-	
11	1.2435	27.89	Qp	0	.1	9.3	37.29	56	-18.71	-	-	

Qp - Quasi-Peak detector
 Ca - CISPR average detection

LINE 2 RESULTS

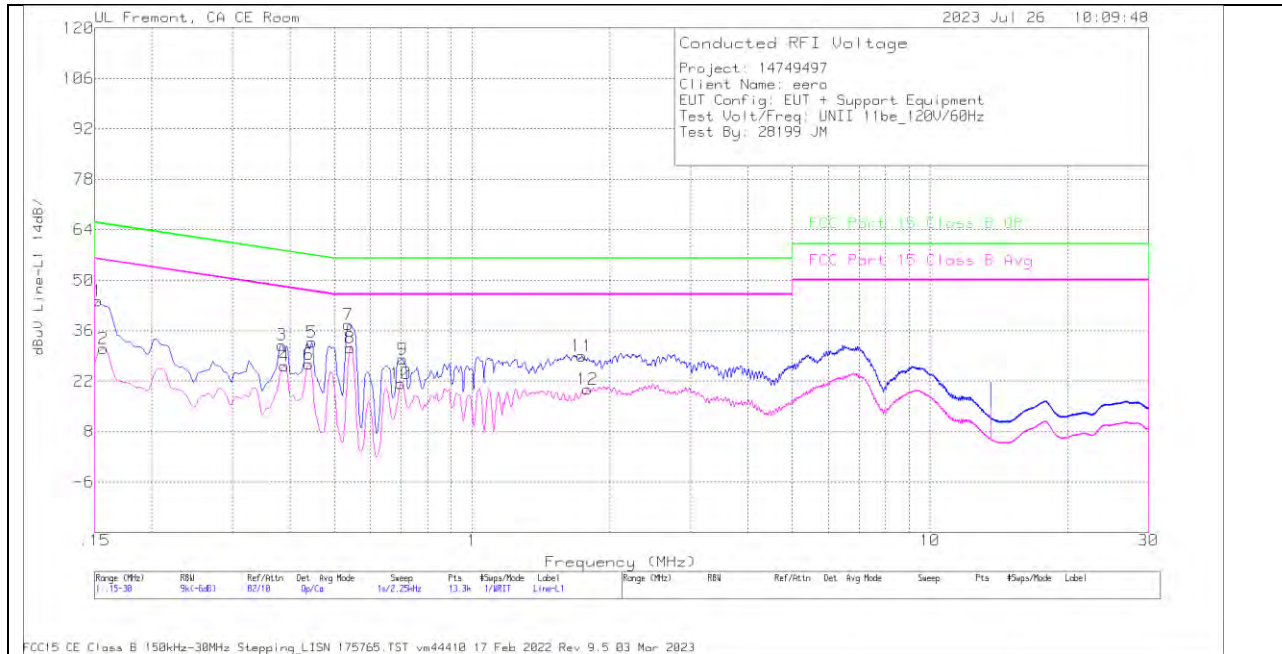


Range 2: Line-L2 .15 - 30MHz											
Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	L2_LISN	C2&C3 cable path loss	207996 Limiter with short cabl	Corrected Reading dBuV	FCC Part 15 Class B QP	QP Margin (dB)	FCC Part 15 Class B Avg	Av(CISPR)M argin (dB)
14	.1669	22.86	Ca	0	0	9.4	32.26	-	-	55.11	-22.85
16	.5078	24.85	Ca	0	.1	9.3	34.25	-	-	46	-11.75
18	.6225	23.48	Ca	0	.1	9.3	32.88	-	-	46	-13.12
20	.6765	22.7	Ca	0	.1	9.3	32.1	-	-	46	-13.9
22	.7305	15.17	Ca	0	.1	9.3	24.57	-	-	46	-21.43
24	1.239	11.03	Ca	0	.1	9.3	20.43	-	-	46	-25.57
13	.1523	43.34	Qp	0	0	9.4	52.74	65.88	-13.14	-	-
15	.5055	30.79	Qp	0	.1	9.3	40.19	56	-15.81	-	-
17	.6293	32.7	Qp	0	.1	9.3	42.1	56	-13.9	-	-
19	.6743	31.13	Qp	0	.1	9.3	40.53	56	-15.47	-	-
21	.7283	27.44	Qp	0	.1	9.3	36.84	56	-19.16	-	-
23	1.2458	21.7	Qp	0	.1	9.3	31.1	56	-24.9	-	-

Qp - Quasi-Peak detector
 Ca - CISPR average detection

11.2. AC POWER LINE (Luxshare PSU)

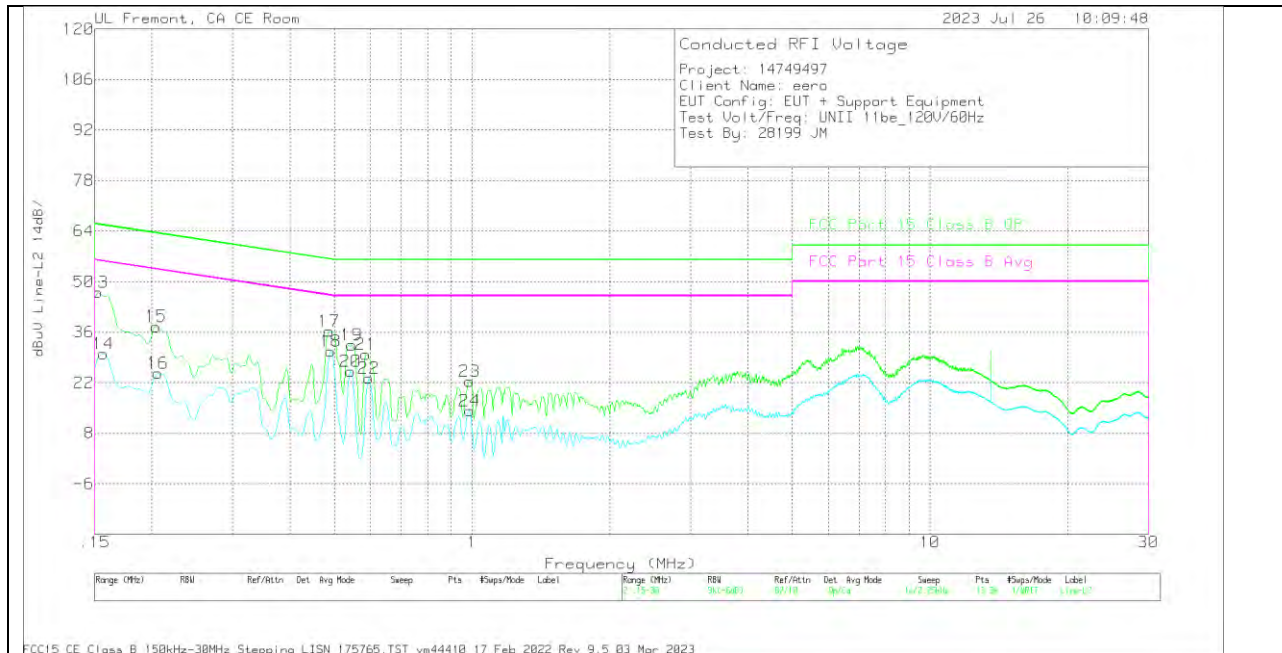
LINE 1 RESULTS



Range 1: Line-L1 .15 - 30MHz											
Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	L1_LISN.csv	C1&C3 cable path loss	207996 Limiter with short cabl	Corrected Reading dBuV	FCC Part 15 Class B QP	QP Margin (dB)	FCC Part 15 Class B Avg	Av(CISPR)M argin (dB)
2	.1568	21.7	Ca	0	0	9.4	31.1	-	-	55.63	-24.53
4	.3896	16.82	Ca	0	.1	9.3	26.22	-	-	48.07	-21.85
6	.4403	17.23	Ca	0	.1	9.3	26.63	-	-	47.06	-20.43
8	.5415	21.84	Ca	0	.1	9.3	31.24	-	-	46	-14.76
10	.699	11.87	Ca	0	.1	9.3	21.27	-	-	46	-24.73
12	1.788	10.42	Ca	0	.1	9.3	19.82	-	-	46	-26.18
1	.1523	34.87	Qp	0	0	9.4	44.27	65.88	-21.61	-	-
3	.384	22.61	Qp	0	.1	9.3	32.01	58.19	-26.18	-	-
5	.447	23.35	Qp	0	.1	9.3	32.75	56.93	-24.18	-	-
7	.537	28.32	Qp	0	.1	9.3	37.72	56	-18.28	-	-
9	.7058	18.67	Qp	0	.1	9.3	28.07	56	-27.93	-	-
11	1.7385	19.54	Qp	0	.1	9.3	28.94	56	-27.06	-	-

Qp - Quasi-Peak detector
 Ca - CISPR average detection

LINE 2 RESULTS



Range 2: Line-L2 .15 - 30MHz											
Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	L2_LISN	C2&C3 cable path loss	207996 Limiter with short cabl	Corrected Reading dBuV	FCC Part 15 Class B QP	QP Margin (dB)	FCC Part 15 Class B Avg	Aw(CISPR)M argin (dB)
14	.1568	20.64	Ca	0	0	9.4	30.04	-	-	55.63	-25.59
16	.2063	15.19	Ca	0	0	9.4	24.59	-	-	53.35	-28.76
18	.492	21.34	Ca	0	.1	9.3	30.74	-	-	46.13	-15.39
20	.5438	15.8	Ca	0	.1	9.3	25.2	-	-	46	-20.8
22	.5955	13.77	Ca	0	.1	9.3	23.17	-	-	46	-22.83
24	.987	4.73	Ca	0	.1	9.3	14.13	-	-	46	-31.87
13	.1523	37.72	Qp	0	0	9.4	47.12	65.88	-18.76	-	-
15	.204	28.17	Qp	0	0	9.4	37.57	63.45	-25.88	-	-
17	.4875	26.79	Qp	0	.1	9.3	36.19	56.21	-20.02	-	-
19	.546	23.04	Qp	0	.1	9.3	32.44	56	-23.56	-	-
21	.5865	20.44	Qp	0	.1	9.3	29.84	56	-26.16	-	-
23	.987	12.9	Qp	0	.1	9.3	22.3	56	-33.7	-	-

Qp - Quasi-Peak detector
 Ca - CISPR average detection

12. SETUP PHOTOS

Please refer to 14749497-EP1 for setup photo.

END OF TEST REPORT