DATA:

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	81887 ACF 3m (dB/m)	Gain/Loss (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 9.442702	56.65	PK-U	36.2	-44.4	48.45	-	-	74	-25.55	-	-	195	198	H
1	* 9.431008	45.69	ADR	36.2	-44.5	37.39	54	-16.61	-	-	-	-	195	198	H
2	* 15.427388	56.36	PK-U	40.1	-41.64	54.82	-	-	74	-19.18	-	-	205	108	H
2	* 15.431574	44.89	ADR	40.1	-41.7	43.29	54	-10.71	-	-	-	-	205	108	H
3	* 9.413129	57.18	PK-U	36.2	-44.1	49.28	-	-	74	-24.72	-	-	115	210	V
3	* 9.429783	45.73	ADR	36.2	-44.38	37.55	54	-16.45	-	-	-	-	115	210	V
4	* 15.419822	56.02	PK-U	40.1	-41.6	54.52	-	-	74	-19.48	-	-	218	279	V
4	* 15.417631	44.77	ADR	40.1	-41.6	43.27	54	-10.73	-	-	-	-	218	279	V
5	2.402178	85.54	PK-U	32.1	-49.48	68.16	-	-	-	-	68.2	-.04	34	149	V
6	2.402495	78.64	PK-U	32.1	-49.45	61.29	-	-	-	-	68.2	-6.91	189	280	H

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

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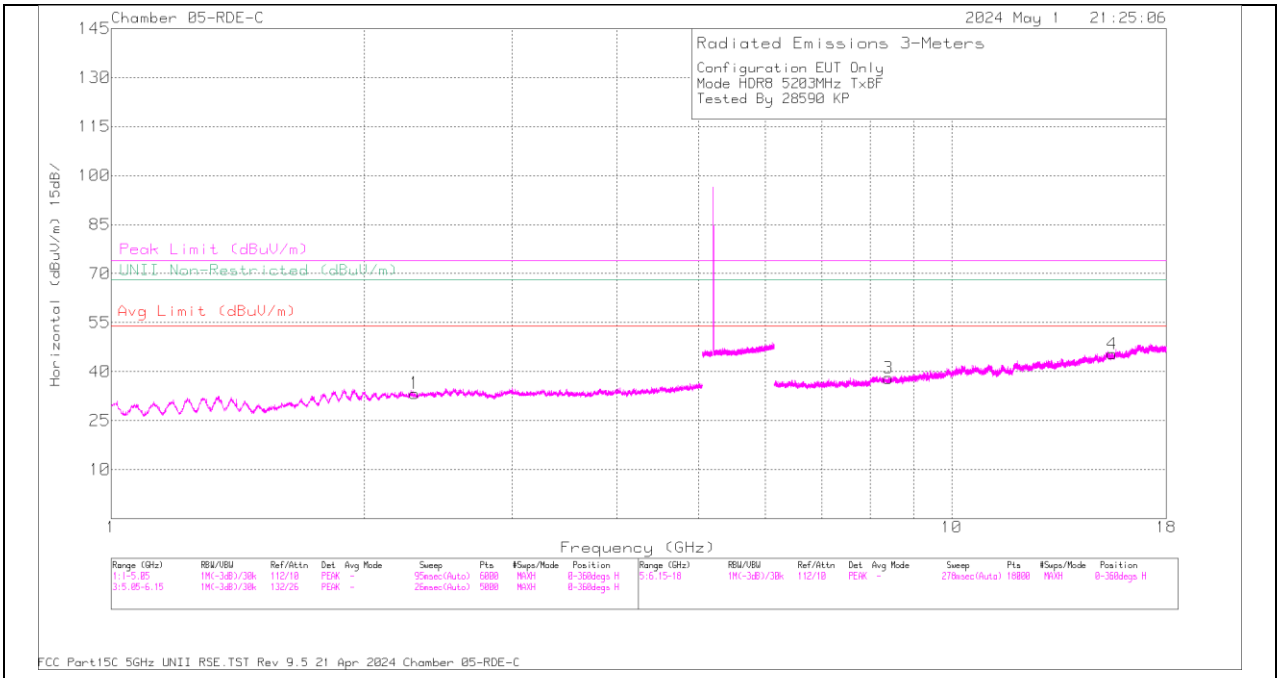
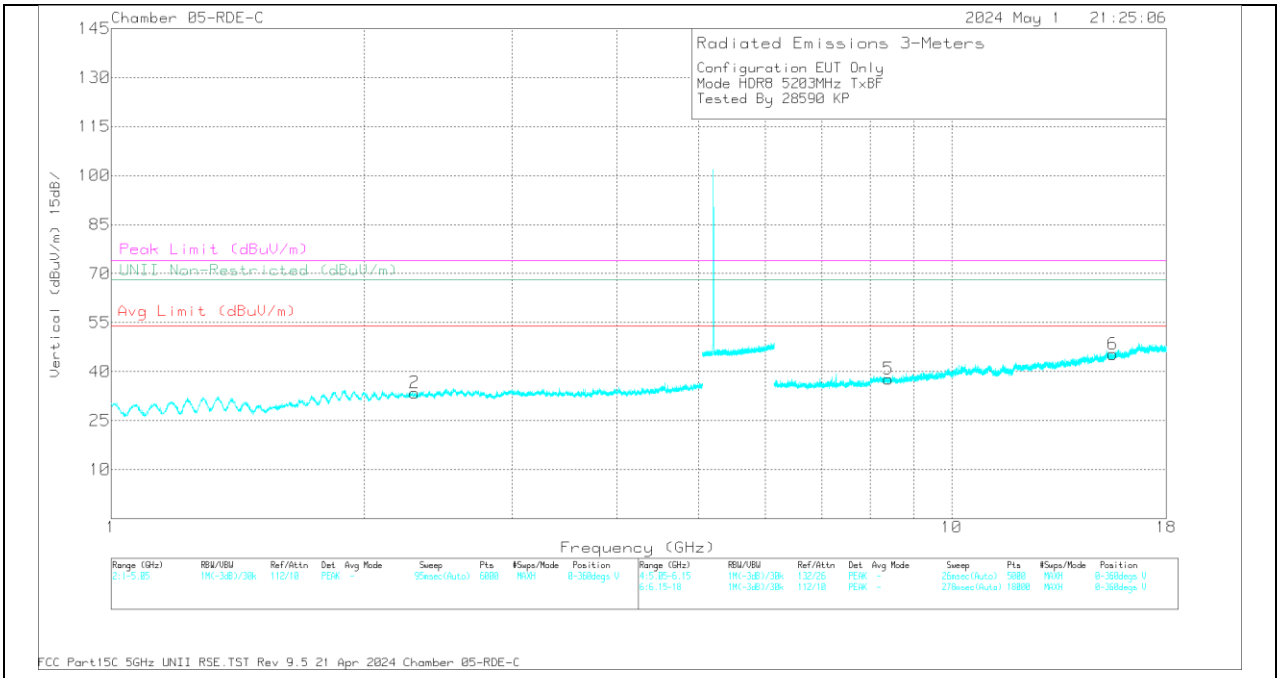
MID CHANNEL



HORIZONTAL



VERTICAL

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DATA:

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	81887 ACF 3m (dB/m)	Gain/Loss (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.311086	60.57	PK-U	31.8	-49.3	43.07	-	-	74	-30.93	-	-	33	256	H
1	* 2.277306	49.12	ADR	31.7	-49.3	31.52	54	-22.48	-	-	-	-	33	256	H
2	2.300649	60.82	PK-U	31.8	-49.2	43.42	-	-	-	-	68.2	-24.78	65	260	V
2	* 2.277356	49.07	ADR	31.7	-49.3	31.47	54	-22.53	-	-	-	-	65	260	V
3	* 8.418154	57.08	PK-U	35.7	-44.4	48.38	-	-	74	-25.62	-	-	109	391	H
3	* 8.390118	45.15	ADR	35.7	-44.7	36.15	54	-17.85	-	-	-	-	109	391	H
4	* 15.521416	55.03	PK-U	40.2	-41.24	53.99	-	-	74	-20.01	-	-	183	345	H
4	* 15.497727	43.98	ADR	40.2	-41.07	43.11	54	-10.89	-	-	-	-	183	345	H
5	* 8.405404	56.65	PK-U	35.7	-44.4	47.95	-	-	74	-26.05	-	-	137	152	V
5	* 8.425604	45.22	ADR	35.7	-44.2	36.72	54	-17.28	-	-	-	-	137	152	V
6	* 15.530506	55.77	PK-U	40.2	-41.1	54.87	-	-	74	-19.13	-	-	344	323	V
6	* 15.528786	44.27	ADR	40.2	-41.1	43.37	54	-10.63	-	-	-	-	344	323	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

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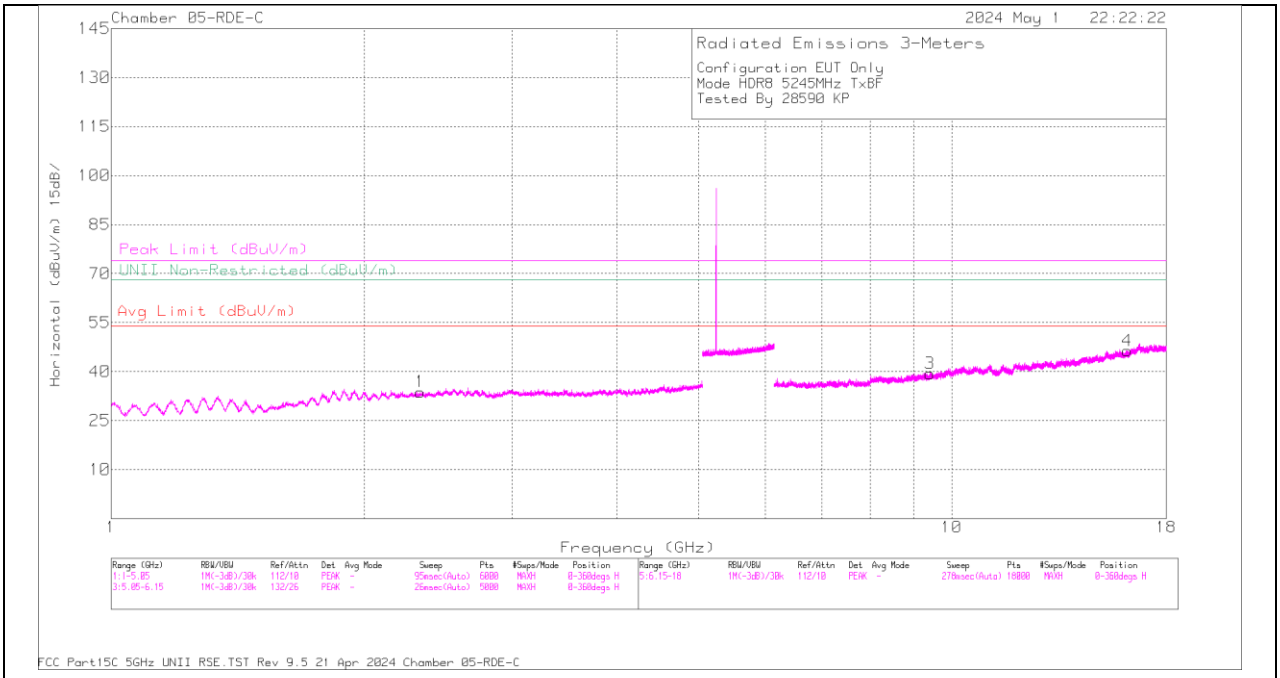
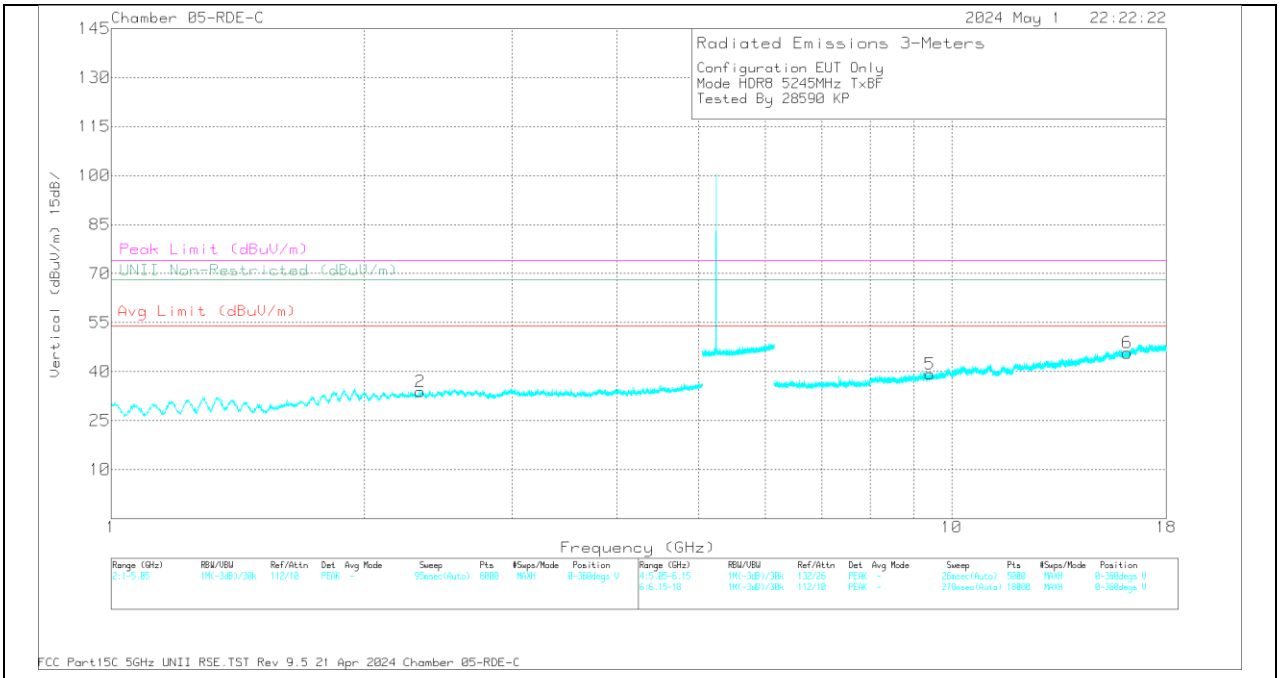
HIGH CHANNEL



HORIZONTAL



VERTICAL

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DATA:

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	81887 ACF 3m (dB/m)	Gain/Loss (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.351001	60.55	PK-U	32	-49.2	43.35	-	-	74	-30.65	360	178	H
1	* 2.333914	49.32	ADR	31.9	-49.4	31.82	54	-22.18	-	-	360	178	H
2	* 2.332788	61.26	PK-U	31.9	-49.4	43.76	-	-	74	-30.24	184	139	V
2	* 2.341248	49.42	ADR	31.9	-49.4	31.92	54	-22.08	-	-	184	139	V
3	* 9.415676	57.43	PK-U	36.2	-44	49.63	-	-	74	-24.37	184	200	H
3	* 9.40249	45.76	ADR	36.2	-44.45	37.51	54	-16.49	-	-	184	200	H
4	* 16.170345	54.77	PK-U	40.9	-41.37	54.3	-	-	74	-19.7	250	315	H
4	* 16.164754	43.78	ADR	40.9	-41.38	43.3	54	-10.7	-	-	250	315	H
5	* 9.430675	57.32	PK-U	36.2	-44.47	49.05	-	-	74	-24.95	250	101	V
5	* 9.399786	45.63	ADR	36.1	-44.3	37.43	54	-16.57	-	-	250	101	V
6	* 16.173072	54.77	PK-U	40.9	-41.4	54.27	-	-	74	-19.73	30	247	V
6	* 16.185129	43.54	ADR	40.9	-41.39	43.05	54	-10.95	-	-	30	247	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

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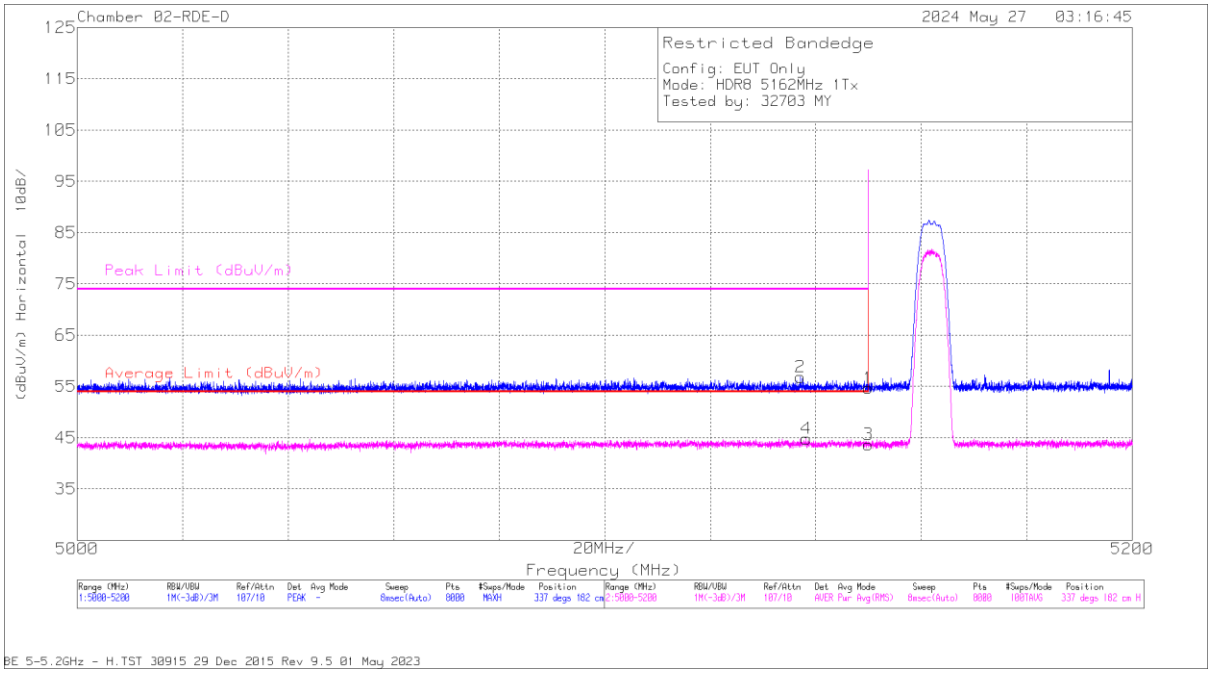
10.1.11. HDR8, LOW POWER UNII-1 BANDEDGE

ANT 6

BANDEDGE (LOW CHANNEL)

HORIZONTAL RESULT



Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	200896 ACF(dB/m)	Amp/Cbl (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	37.17	Pk	34.1	-16.6	54.67	-	-	74	-19.33	337	182	H
2	* 5137.091	39.33	Pk	34.1	-16.6	56.83	-	-	74	-17.17	337	182	H
3	* 5150	26.15	RMS	34.1	-16.6	43.65	54	-10.35	-	-	337	182	H
4	* 5138.217	27.31	RMS	34.1	-16.6	44.81	54	-9.19	-	-	337	182	H

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

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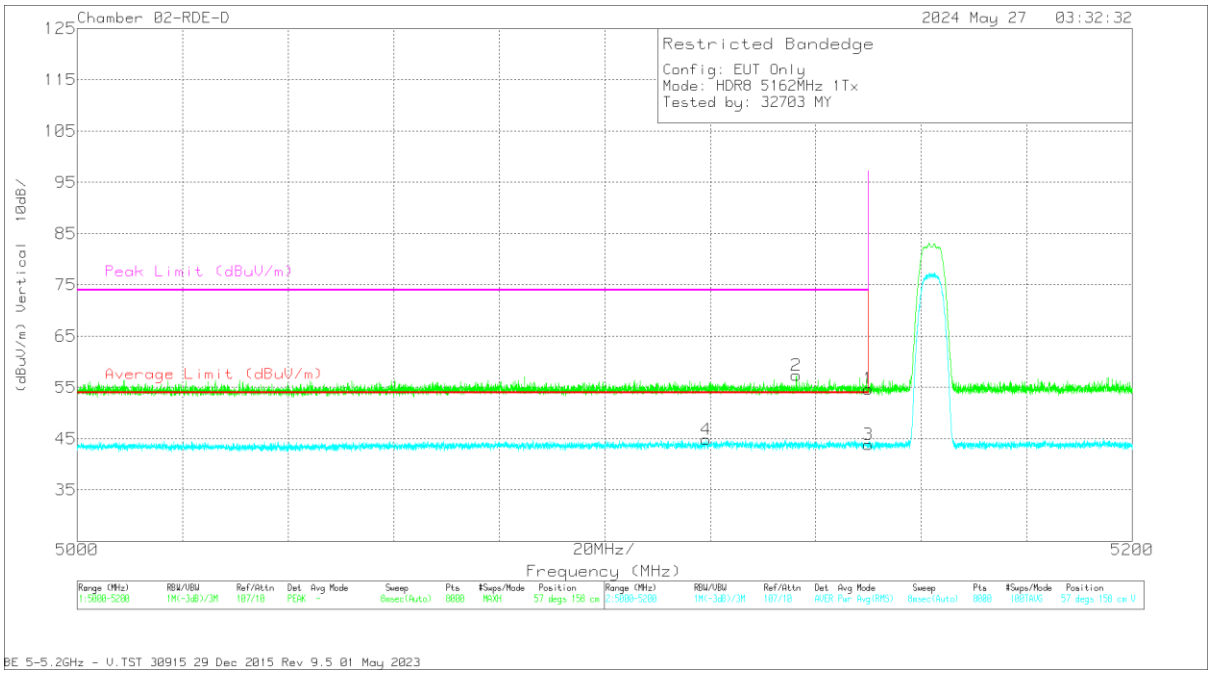
VERTICAL RESULT



Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	200896 ACF(dB/m)	Amp/Cbl (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	37.23	Pk	34.1	-16.6	54.73	-	-	74	-19.27	57	158	V
2	* 5136.316	40.07	Pk	34	-16.7	57.37	-	-	74	-16.63	57	158	V
3	* 5150	26.35	RMS	34.1	-16.6	43.85	54	-10.15	-	-	57	158	V
4	* 5119.214	27.52	RMS	34	-16.7	44.82	54	-9.18	-	-	57	158	V

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

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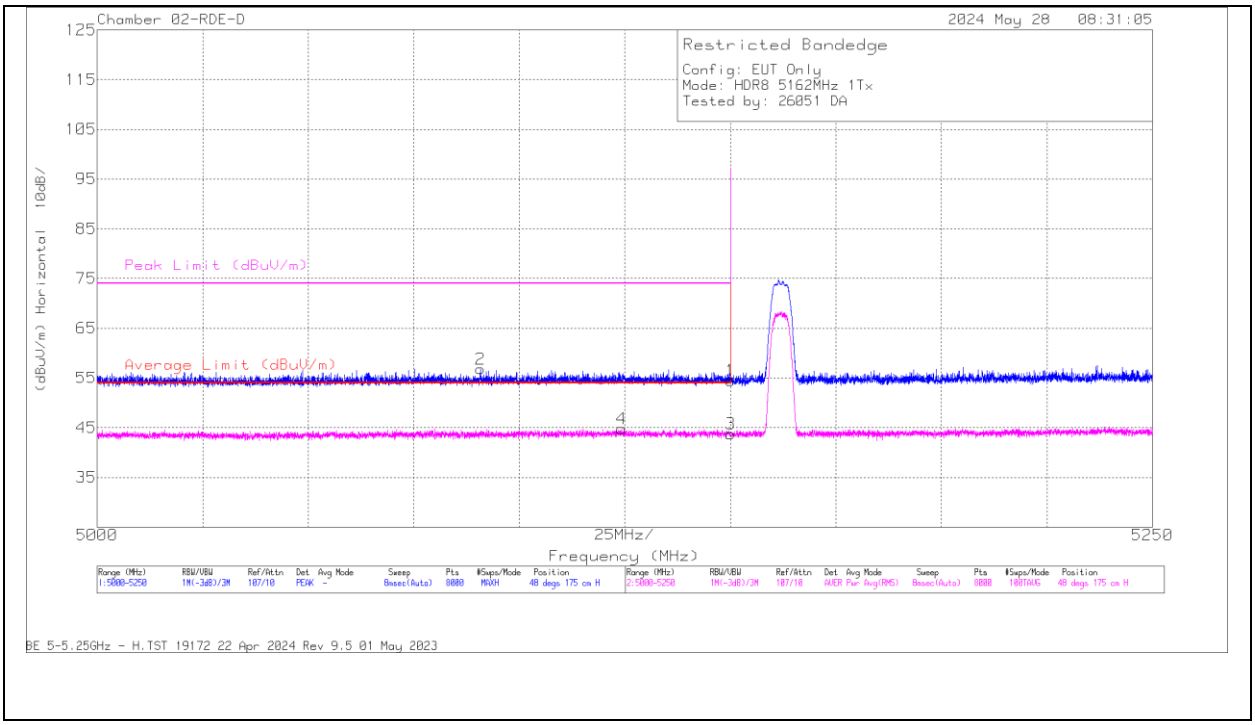
ANT 5

BANDEDGE (LOW CHANNEL)

HORIZONTAL RESULT



Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	200896 ACF(dB/m)	Amp/Cbl (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
2	* 5090.793	39.72	Pk	33.9	-16.8	56.82	-	-	74	-17.18	48	175	H
4	* 5124.203	27.42	RMS	34	-16.6	44.82	54	-9.18	-	-	48	175	H
1	* 5150	36.98	Pk	34.1	-16.6	54.48	-	-	74	-19.52	48	175	H
3	* 5150	26.24	RMS	34.1	-16.6	43.74	54	-10.26	-	-	48	175	H

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

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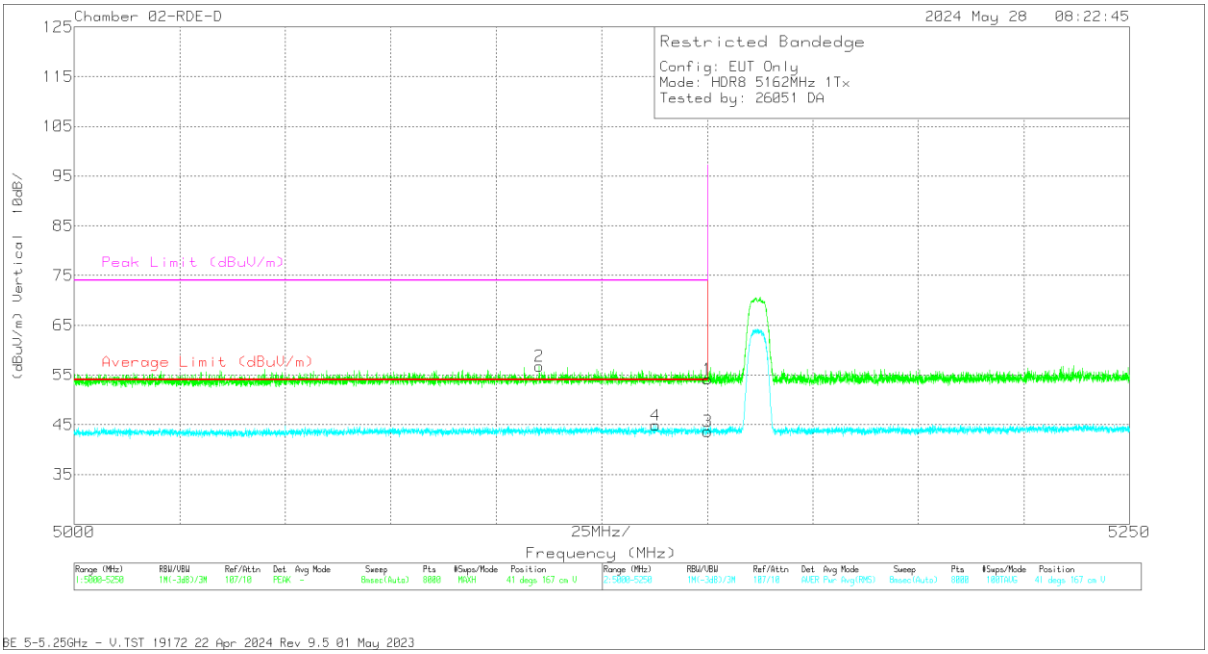
VERTICAL RESULT



Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	200896 ACF(dB/m)	Amp/Cbl (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	36.67	Pk	34.1	-16.6	54.17	-	-	74	-19.83	41	167	V
2	* 5110.202	39.6	Pk	34	-16.8	56.8	-	-	74	-17.2	41	167	V
3	* 5150	26.17	RMS	34.1	-16.6	43.67	54	-10.33	-	-	41	167	V
4	* 5137.736	27.35	RMS	34.1	-16.6	44.85	54	-9.15	-	-	41	167	V

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

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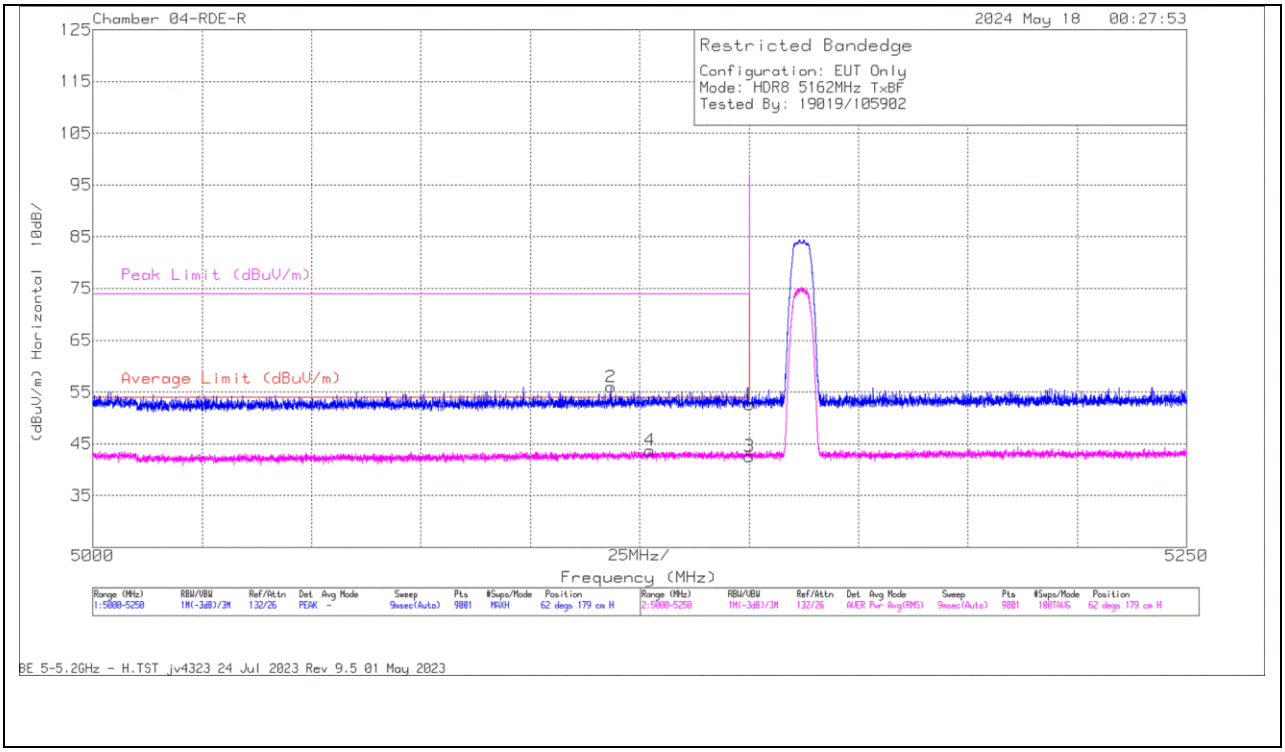
2TX Antenna 6 + Antenna 5 TX BF MODE

BANDEDGE (LOW CHANNEL)

HORIZONTAL RESULT



Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	41112 ACF (dB/m)	Gain/Loss (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
2	5118.418	59.27	Pk	34.2	-37.5	55.97	-	-	74	-18.03	62	179	H
4	5127.307	46.89	RMS	34.3	-37.51	43.68	54	-10.32	-	-	62	179	H
1	5150	55.91	Pk	34.3	-37.6	52.61	-	-	74	-21.39	62	179	H
3	5150	45.9	RMS	34.3	-37.6	42.6	54	-11.4	-	-	62	179	H

Pk - Peak detector
RMS - RMS detection

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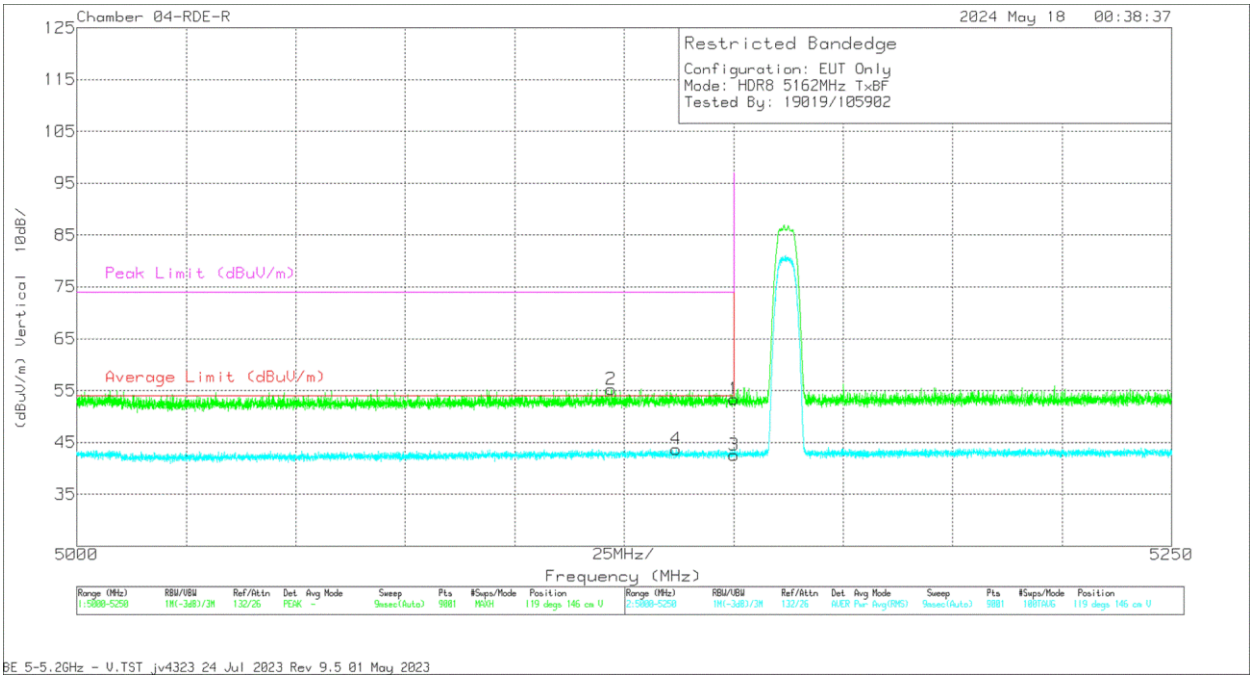
VERTICAL RESULT



Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	41112 ACF (dB/m)	Gain/Loss (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
2	5122.057	58.6	Pk	34.2	-37.54	55.26	-	-	74	-18.74	119	146	V
4	5136.918	46.97	RMS	34.3	-37.53	43.74	54	-10.26	-	-	119	146	V
1	5150	56.64	Pk	34.3	-37.6	53.34	-	-	74	-20.66	119	146	V
3	5150	45.88	RMS	34.3	-37.6	42.58	54	-11.42	-	-	119	146	V

Pk - Peak detector
RMS - RMS detection

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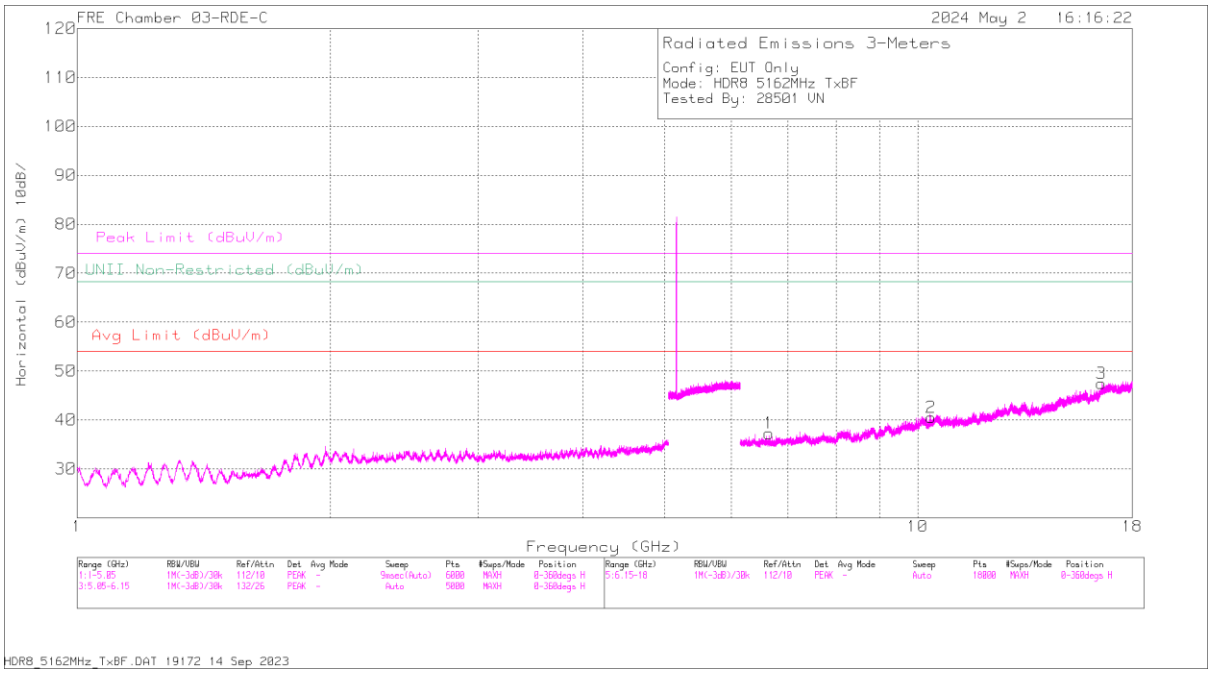
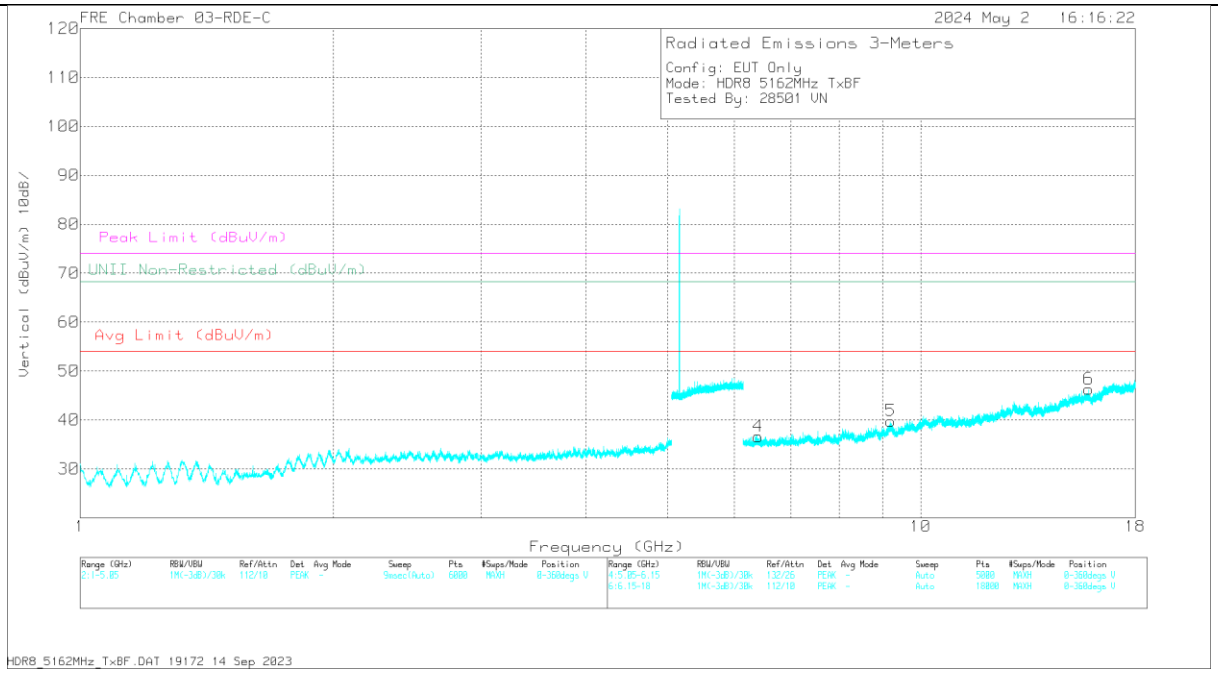
10.1.12. HDR8, LOW POWER UNII-1 HARMONIC AND SPURIOUS IN THE 5.2 GHz BAND

LOW CHANNEL



HORIZONTAL



VERTICAL

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DATA:

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	223084 ACF (dB/m) 3m	Gain/Loss (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
6	* 15.846826	58.55	PK-U	40.3	-42.5	56.35	-	-	74	-17.65	-	-	265	212	V
	* 15.844613	46.82	ADR	40.3	-42.54	44.58	54	-9.42	-	-	-	-	265	212	V
4	6.404643	56.06	PK-U	35.4	-44.8	46.66	-	-	-	-	68.2	-21.54	344	246	V
1	6.650126	56.21	PK-U	35.6	-45.2	46.61	-	-	-	-	68.2	-21.59	278	127	H
5	9.21344	57.97	PK-U	36.2	-44.3	49.87	-	-	-	-	68.2	-18.33	187	233	V
2	10.372232	56.88	PK-U	37.6	-44.6	49.88	-	-	-	-	68.2	-18.32	112	191	H
3	16.544618	57.31	PK-U	41.3	-42	56.61	-	-	-	-	68.2	-11.59	88	268	H

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

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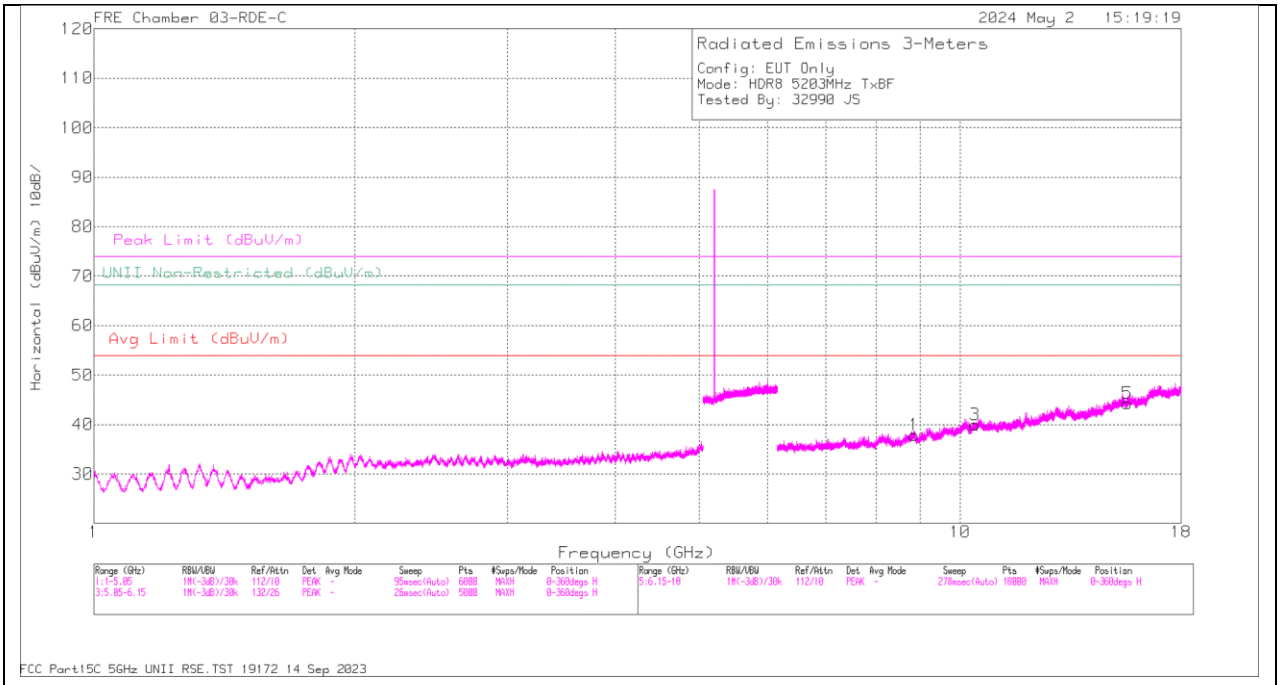
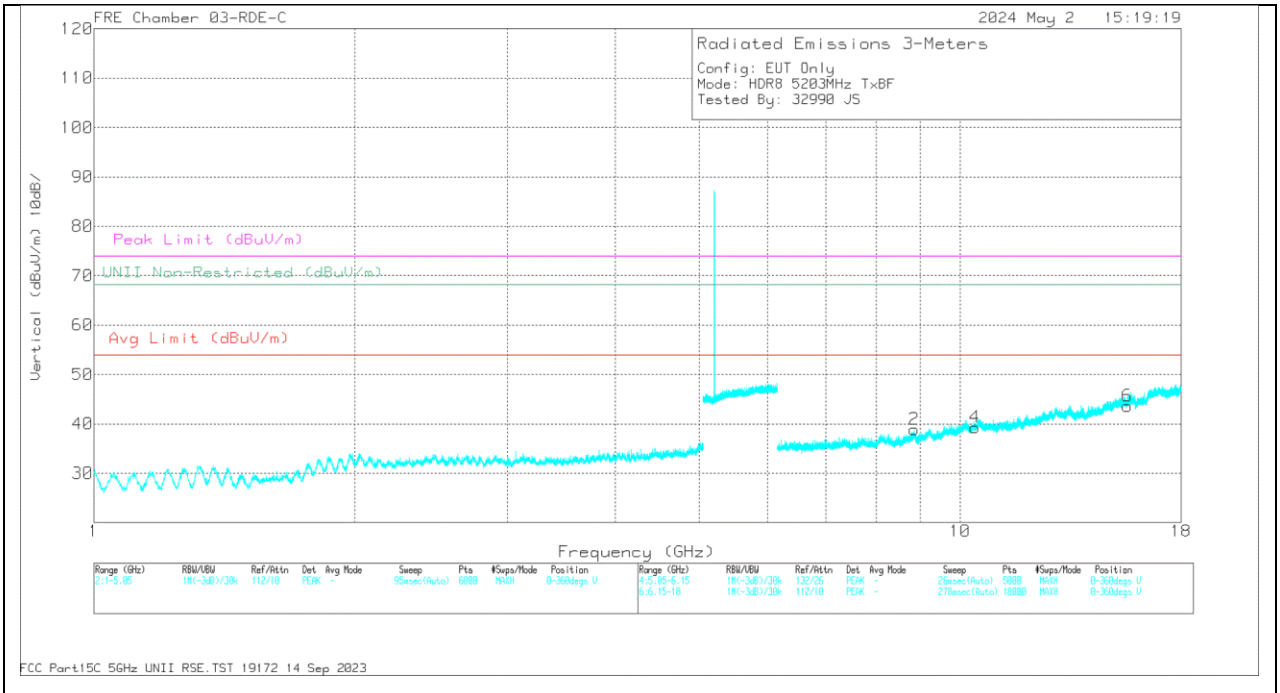
MID CHANNEL



HORIZONTAL



VERTICAL

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DATA:

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5	* 15.610489	57.87	PK-U	40.2	-44.05	54.02	-	-	74	-19.98	-	-	192	282	H
	* 15.607501	46.63	ADR	40.2	-44.1	42.73	54	-11.27	-	-	-	-	192	282	H
6	* 15.608951	58.62	PK-U	40.2	-44.2	54.62	-	-	74	-19.38	-	-	317	351	V
	* 15.607921	46.73	ADR	40.2	-44.1	42.83	54	-11.17	-	-	-	-	317	351	V
1	8.855987	56.92	PK-U	36	-44.1	48.82	-	-	-	-	68.2	-19.38	101	355	H
2	8.857887	57.22	PK-U	36	-44.2	49.02	-	-	-	-	68.2	-19.18	45	385	V
4	10.408296	57.15	PK-U	37.7	-44.9	49.95	-	-	-	-	68.2	-18.25	227	215	V
3	10.408695	57.12	PK-U	37.7	-44.9	49.92	-	-	-	-	68.2	-18.28	231	126	H

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

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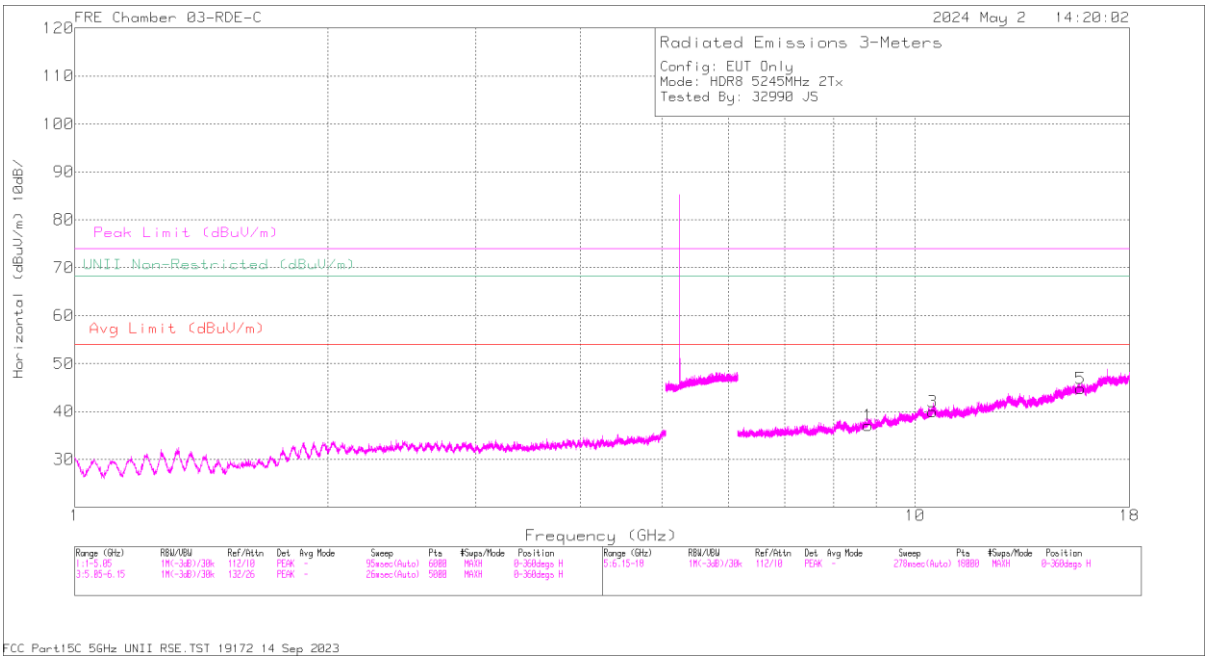
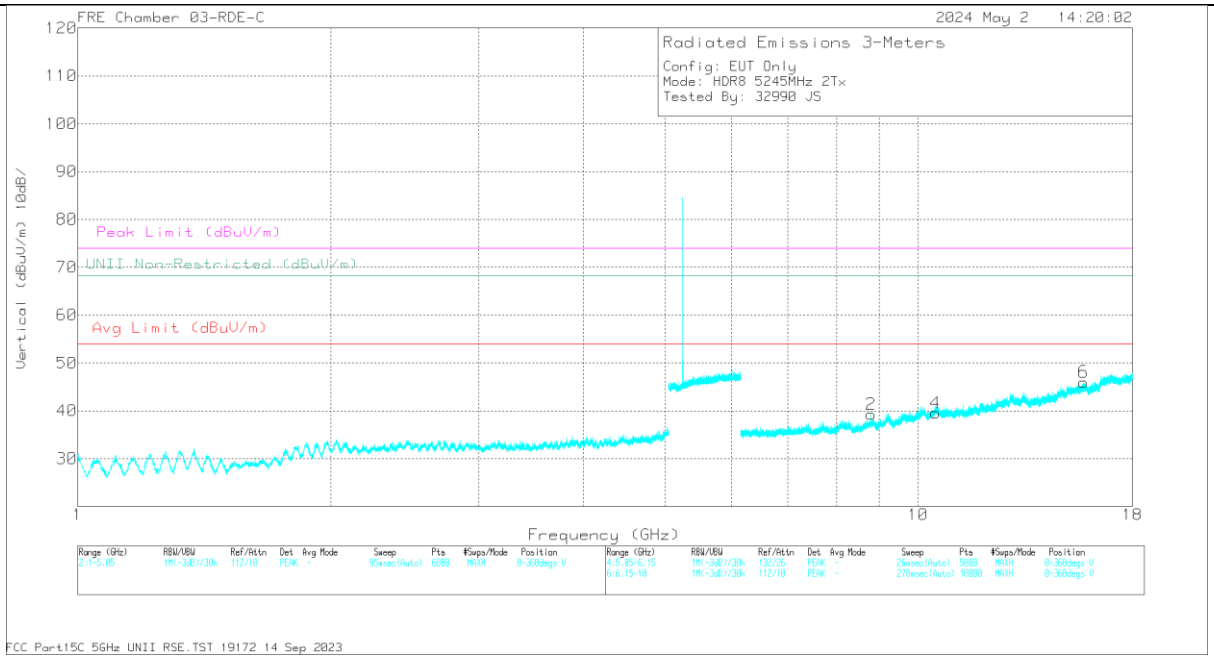
HIGH CHANNEL



HORIZONTAL



VERTICAL

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DATA:

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	223084 ACF (dB/m) 3m	Gain/Loss (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
5	* 15.733611	59.23	PK-U	40.3	-44.1	55.43	-	-	74	-18.57	-	-	249	198	H
	* 15.732333	47.34	ADR	40.3	-44.1	43.54	54	-10.46	-	-	-	-	249	198	H
6	* 15.736984	58.61	PK-U	40.3	-44.2	54.71	-	-	74	-19.29	-	-	275	241	V
	* 15.734696	46.95	ADR	40.3	-44.03	43.22	54	-10.78	-	-	-	-	275	241	V
1	8.787112	56.84	PK-U	36	-44.69	48.15	-	-	-	-	68.2	-20.05	207	296	H
2	8.787954	56.58	PK-U	36	-44.6	47.98	-	-	-	-	68.2	-20.22	55	158	V
3	10.491944	56.8	PK-U	37.7	-44	50.5	-	-	-	-	68.2	-17.7	244	118	H
4	10.495018	57.46	PK-U	37.7	-44	51.16	-	-	-	-	68.2	-17.04	300	205	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

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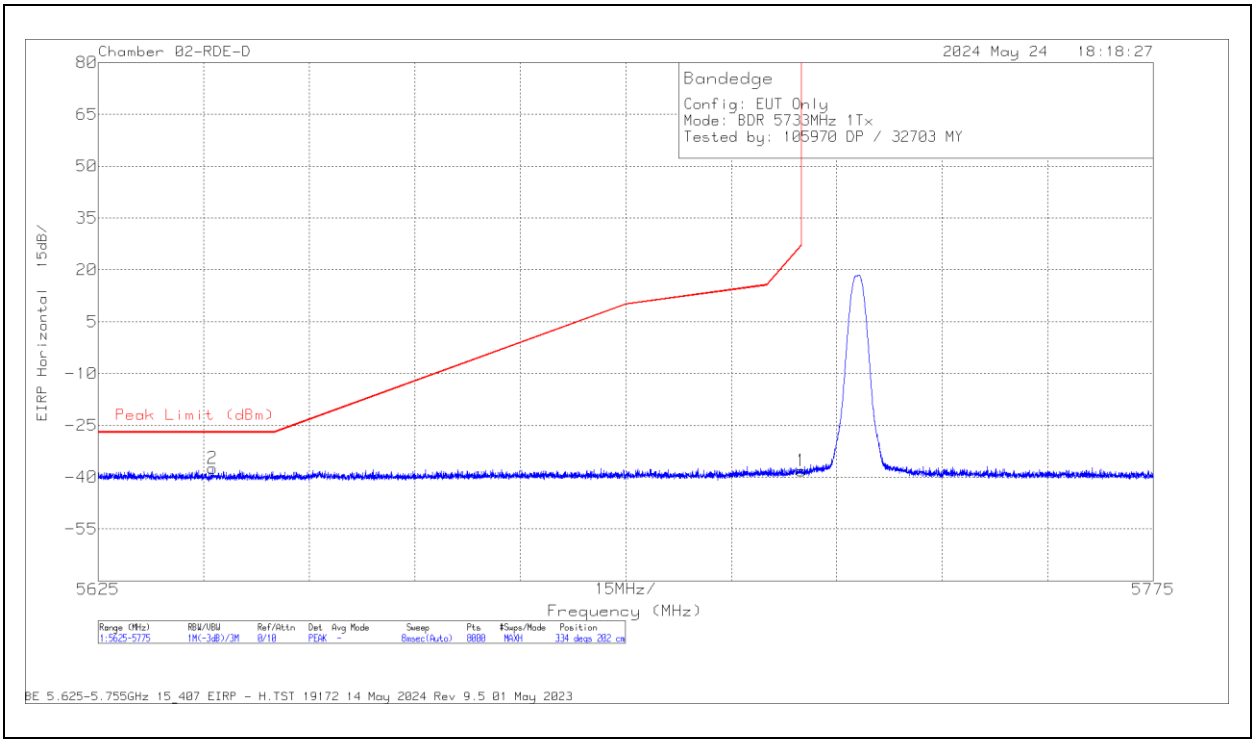
10.1.13. BDR, HIGH POWER UNII-3 BANDEDGE

ANT 6

BANDEDGE (LOW CHANNEL)

HORIZONTAL RESULT



Marker	Frequency (MHz)	Meter Reading (dBm)	Det	200896 ACF(dB/m)	Amp/Cbl (dB)	Conversion Factor (dB)	Corrected Reading EIRP (dBm)	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
2	5641.22	-67.79	Pk	34.4	-15.8	11.8	-37.39	-27	-10.39	334	202	H
1	5725	-68.63	Pk	34.6	-15.9	11.8	-38.13	27	-65.13	334	202	H

Pk - Peak detector

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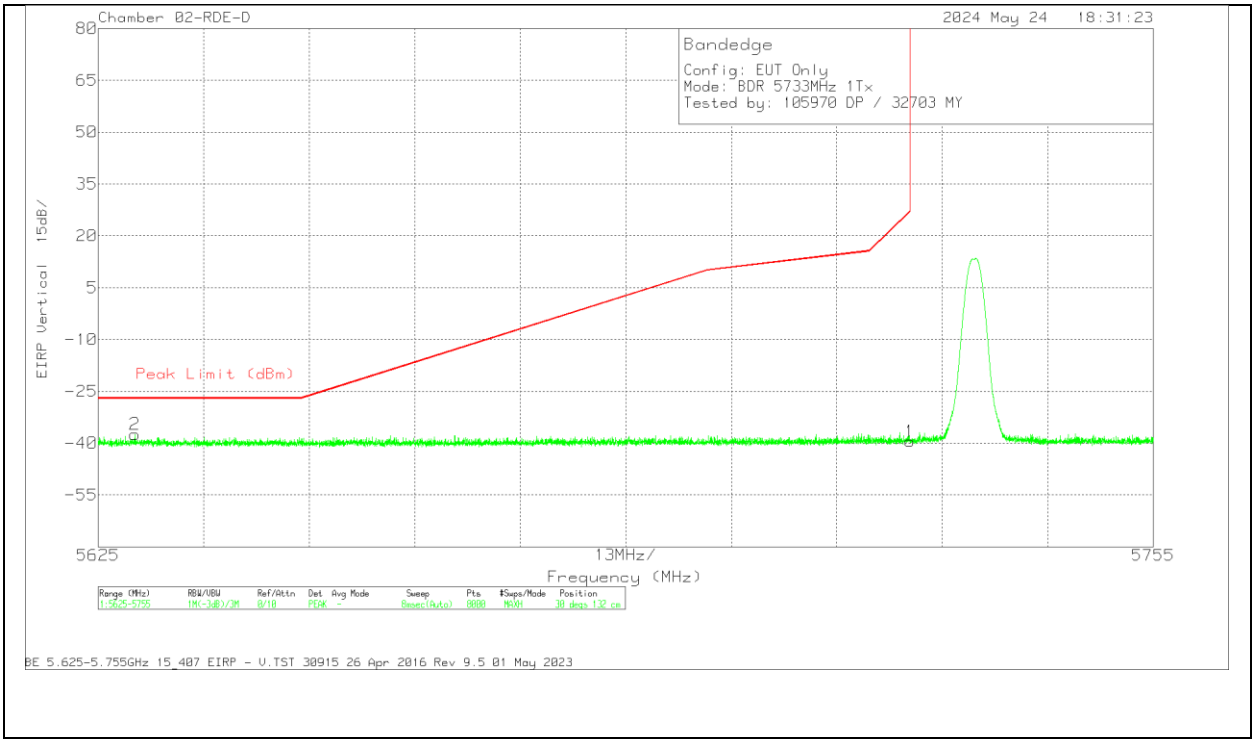
VERTICAL RESULT



Marker	Frequency (MHz)	Meter Reading (dBm)	Det	200896 ACF(dB/m)	Amp/Cbl (dB)	Conversion Factor (dB)	Corrected Reading EIRP (dBm)	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
2	5629.518	-67.95	Pk	34.4	-15.7	11.8	-37.45	-27	-10.45	30	132	V
1	5725	-70	Pk	34.6	-15.9	11.8	-39.5	27	-66.5	30	132	V

Pk - Peak detector

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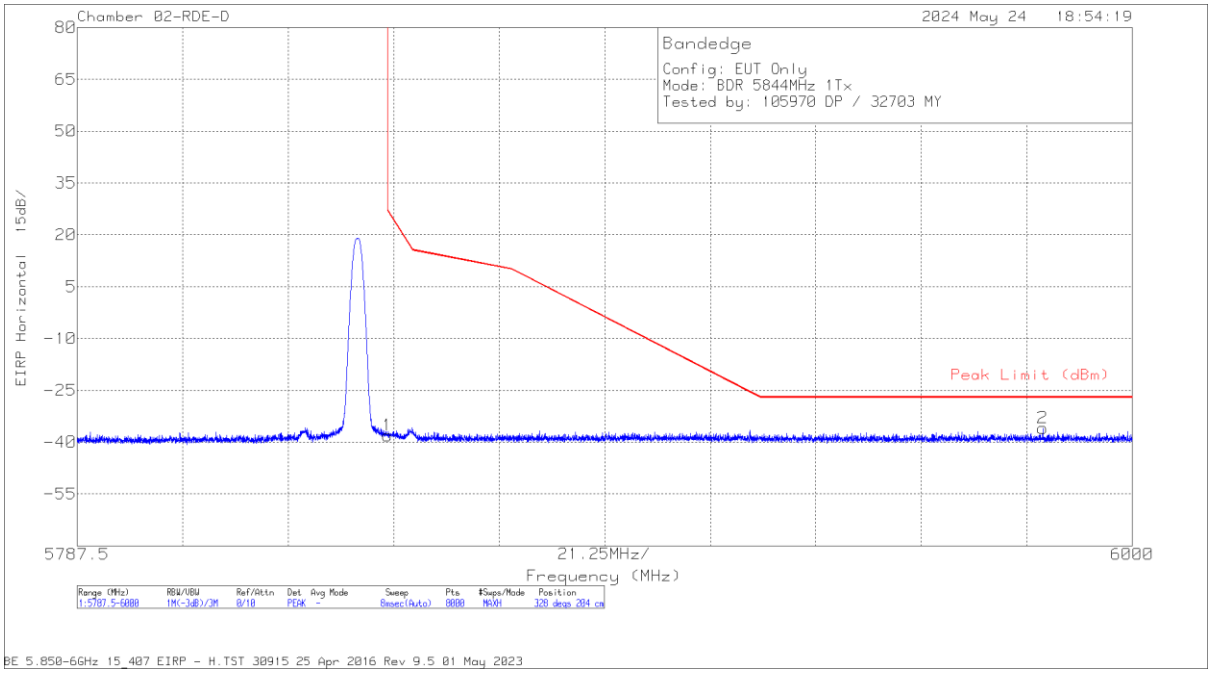
BANDEDGE (HIGH CHANNEL)

HORIZONTAL RESULT



Marker	Frequency (MHz)	Meter Reading (dBm)	Det	200896 ACF(dB/m)	Amp/Cbl (dB)	Conversion Factor (dB)	Corrected Reading EIRP (dBm)	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5850	-69.15	Pk	35	-15.7	11.8	-38.05	27	-65.05	328	204	H
2	5981.963	-67.2	Pk	35.3	-15.8	11.8	-35.9	-27	-8.9	328	204	H

Pk - Peak detector

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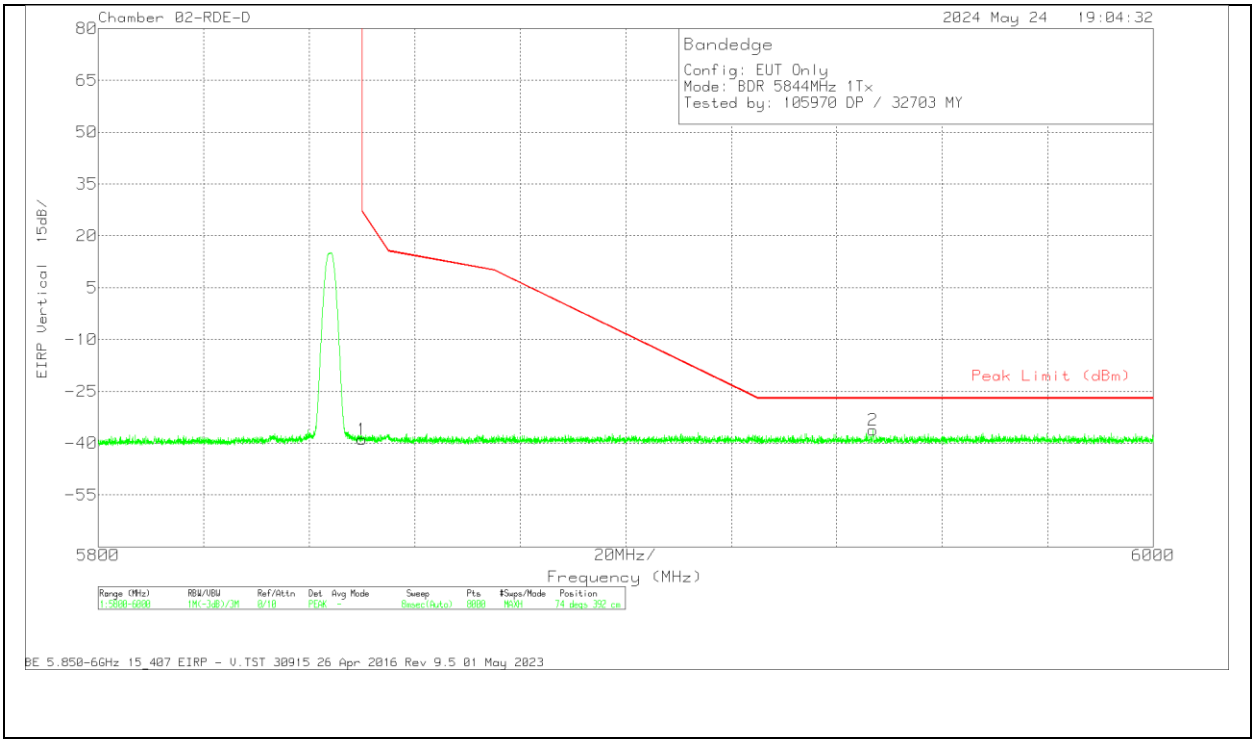
VERTICAL RESULT



Marker	Frequency (MHz)	Meter Reading (dBm)	Det	200896 ACF(dB/m)	Amp/Cbl (dB)	Conversion Factor (dB)	Corrected Reading EIRP (dBm)	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5850	-70.04	Pk	35	-15.7	11.8	-38.94	27	-65.94	74	392	V
2	5946.868	-67.6	Pk	35.2	-15.6	11.8	-36.2	-27	-9.2	74	392	V

Pk - Peak detector

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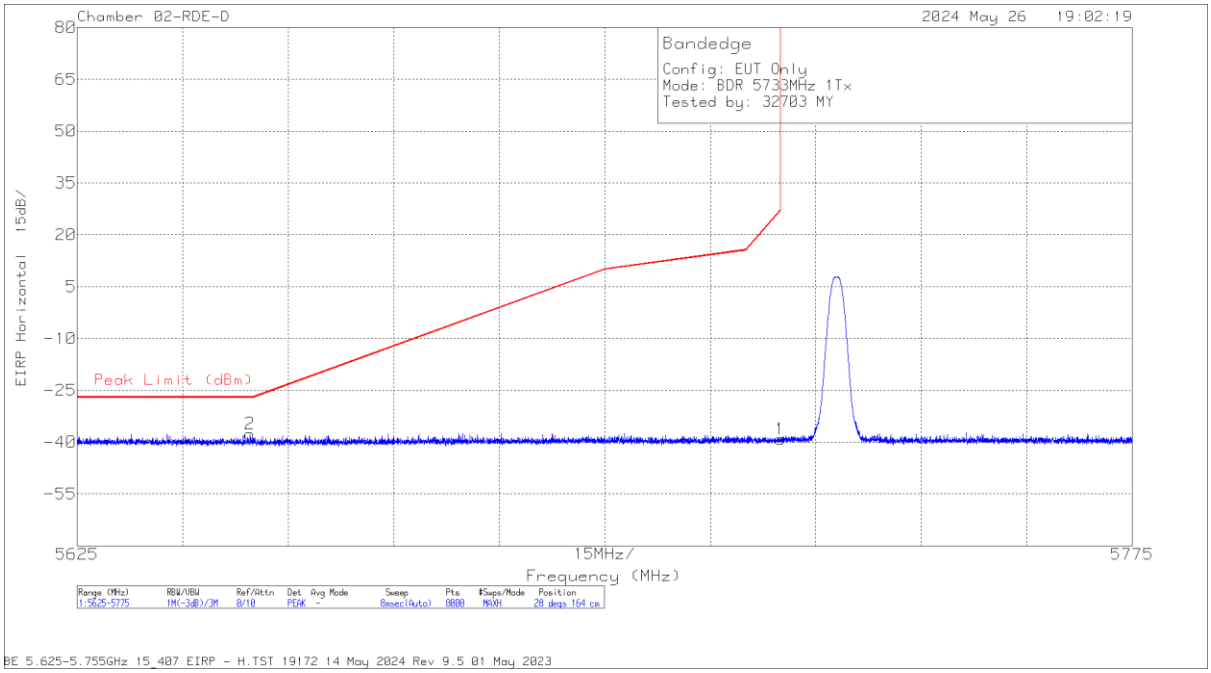
ANT 5

BANDEDGE (LOW CHANNEL)

HORIZONTAL RESULT



Marker	Frequency (MHz)	Meter Reading (dBm)	Det	200896 ACF(dB/m)	Amp/Cbl (dB)	Conversion Factor (dB)	Corrected Reading EIRP (dBm)	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
2	5649.584	-68.32	Pk	34.4	-15.5	11.8	-37.62	-27	-10.62	28	164	H
1	5725	-69.6	Pk	34.6	-15.9	11.8	-39.1	27	-66.1	28	164	H

Pk - Peak detector

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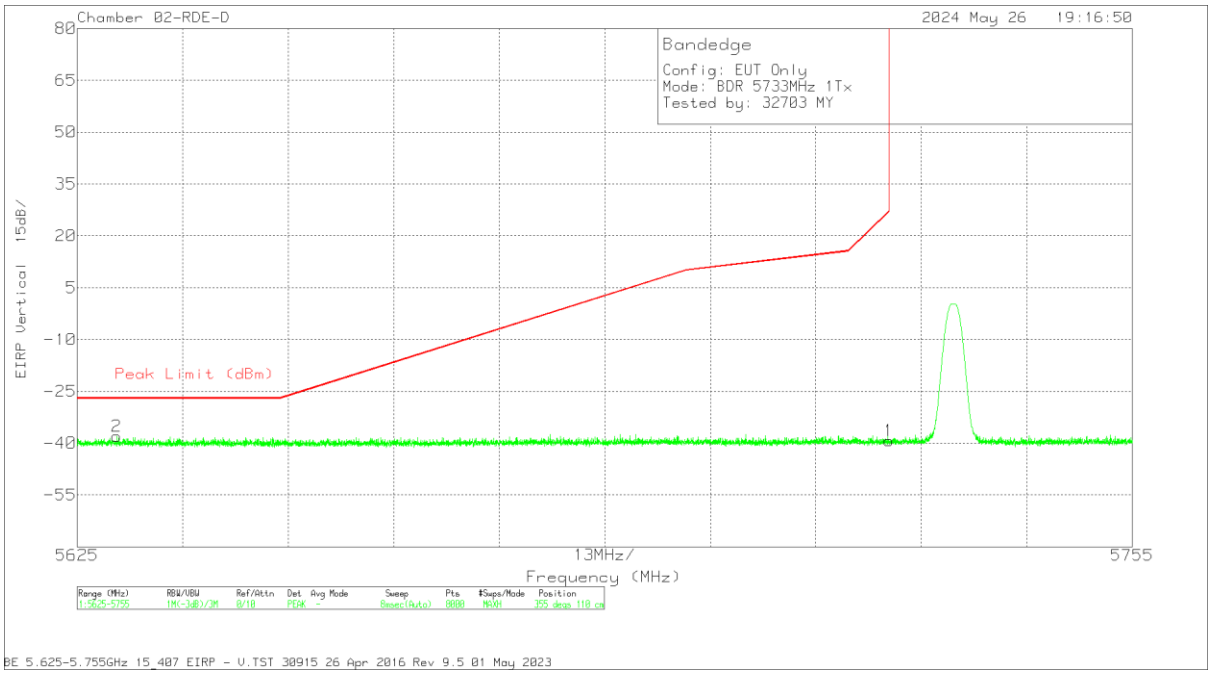
VERTICAL RESULT



Marker	Frequency (MHz)	Meter Reading (dBm)	Det	200896 ACF(dB/m)	Amp/Cbl (dB)	Conversion Factor (dB)	Corrected Reading EIRP (dBm)	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
2	5629.876	-68.53	Pk	34.4	-15.7	11.8	-38.03	-27	-11.03	355	110	V
1	5725	-69.8	Pk	34.6	-15.9	11.8	-39.3	27	-66.3	355	110	V

Pk - Peak detector

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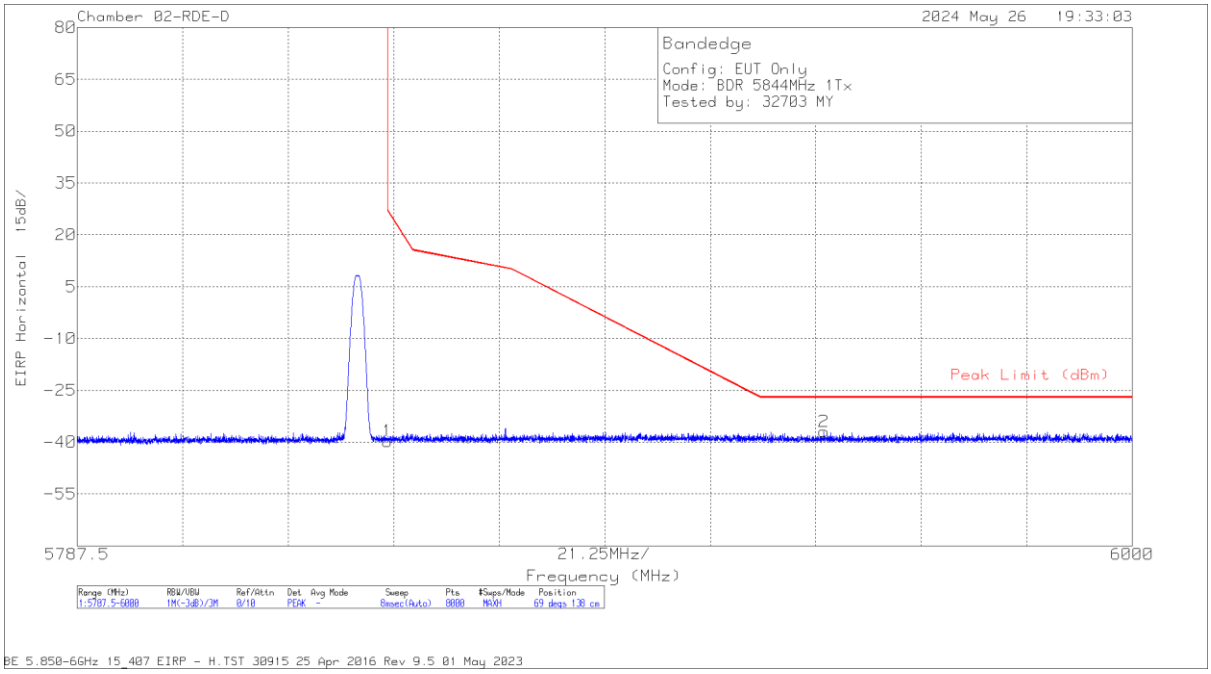
BANDEDGE (HIGH CHANNEL)

HORIZONTAL RESULT



Marker	Frequency (MHz)	Meter Reading (dBm)	Det	200896 ACF(dB/m)	Amp/Cbl (dB)	Conversion Factor (dB)	Corrected Reading EIRP (dBm)	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5850	-70.83	Pk	35	-15.7	11.8	-39.73	27	-66.73	69	138	H
2	5937.89	-68.13	Pk	35.2	-15.8	11.8	-36.93	-27	-9.93	69	138	H

Pk - Peak detector

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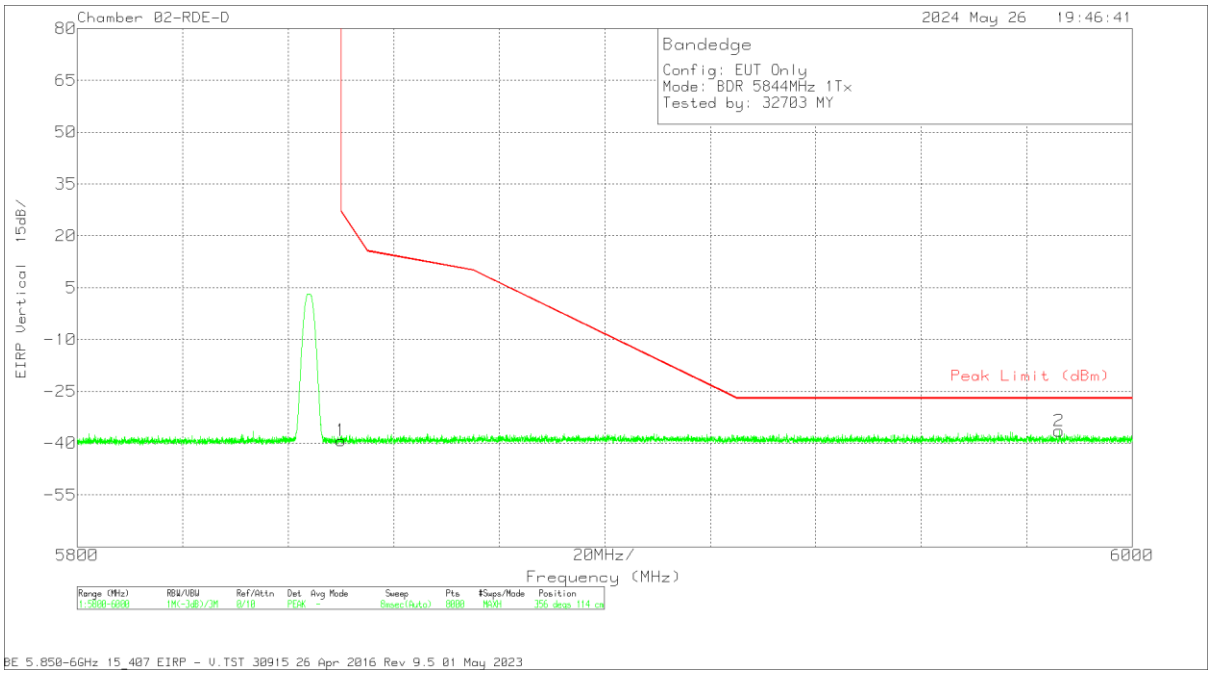
VERTICAL RESULT



Marker	Frequency (MHz)	Meter Reading (dBm)	Det	200896 ACF(dB/m)	Amp/Cbl (dB)	Conversion Factor (dB)	Corrected Reading EIRP (dBm)	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5850	-70.32	Pk	35	-15.7	11.8	-39.22	27	-66.22	356	114	V
2	5986.122	-67.53	Pk	35.3	-16	11.8	-36.43	-27	-9.43	356	114	V

Pk - Peak detector

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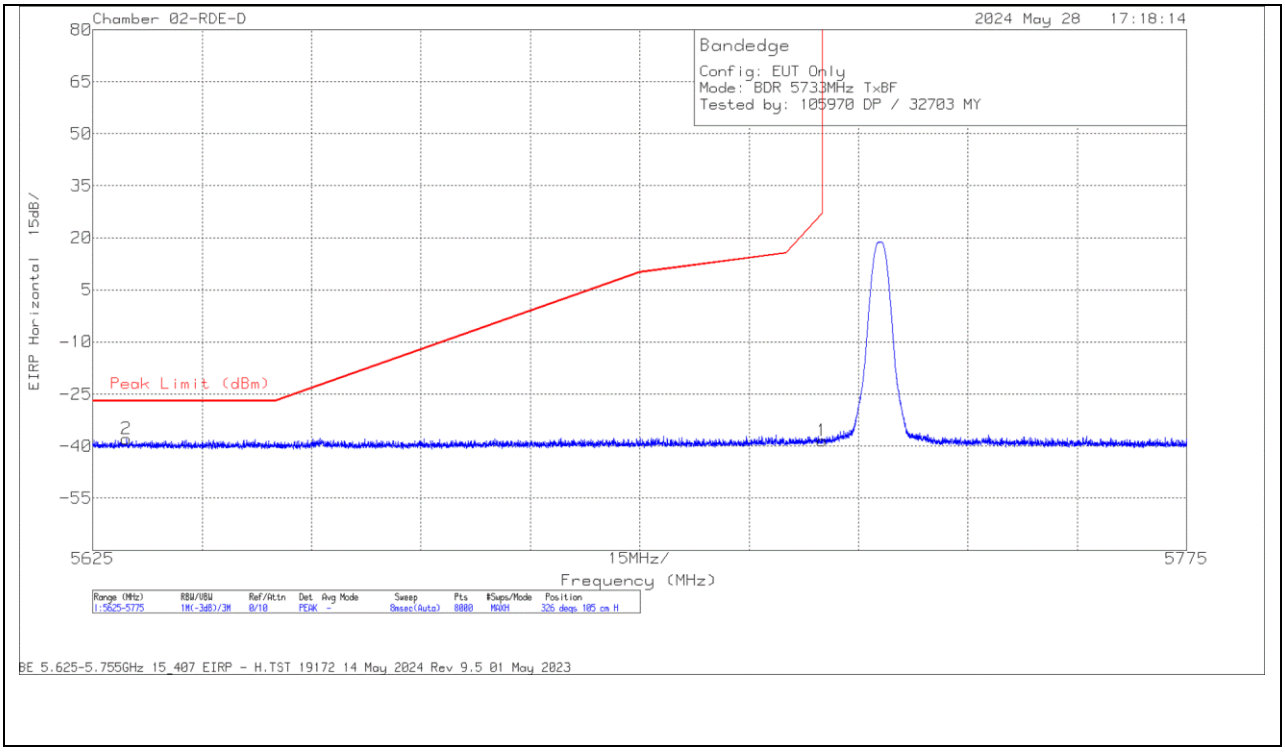
2TX Antenna 6 + Antenna 5 TX BF MODE

BANDEDGE (LOW CHANNEL)

HORIZONTAL RESULT



Marker	Frequency (MHz)	Meter Reading (dBm)	Det	200896 ACF(dB/m)	Amp/Cbl (dB)	Conversion Factor (dB)	Corrected Reading EIRP (dBm)	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
2	5629.632	-68.45	Pk	34.4	-15.7	11.8	-37.95	-27	-10.95	326	105	H
1	5725	-69	Pk	34.6	-15.9	11.8	-38.5	27	-65.5	326	105	H

Pk - Peak detector

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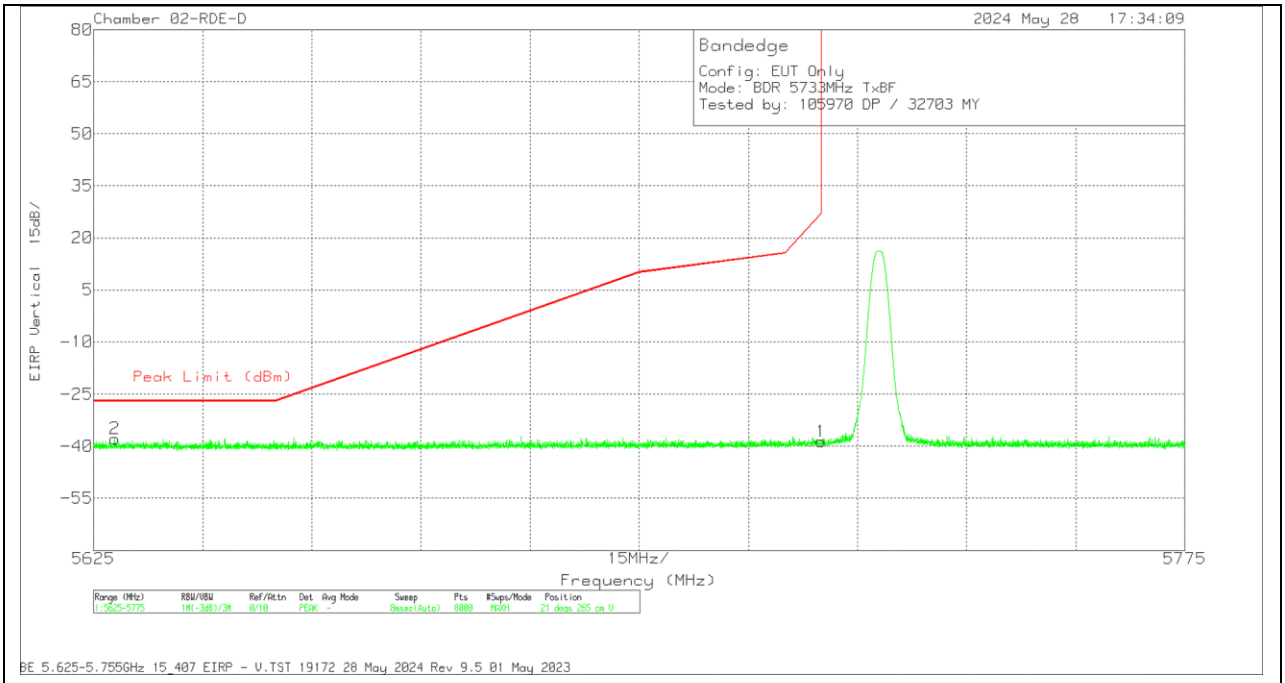
VERTICAL RESULT



Marker	Frequency (MHz)	Meter Reading (dBm)	Det	200896 ACF(dB/m)	Amp/Cbl (dB)	Conversion Factor (dB)	Corrected Reading EIRP (dBm)	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
2	5627.888	-68.56	Pk	34.4	-15.6	11.8	-37.96	-27	-10.96	21	265	V
1	5725	-69.22	Pk	34.6	-15.9	11.8	-38.72	27	-65.72	21	265	V

Pk - Peak detector

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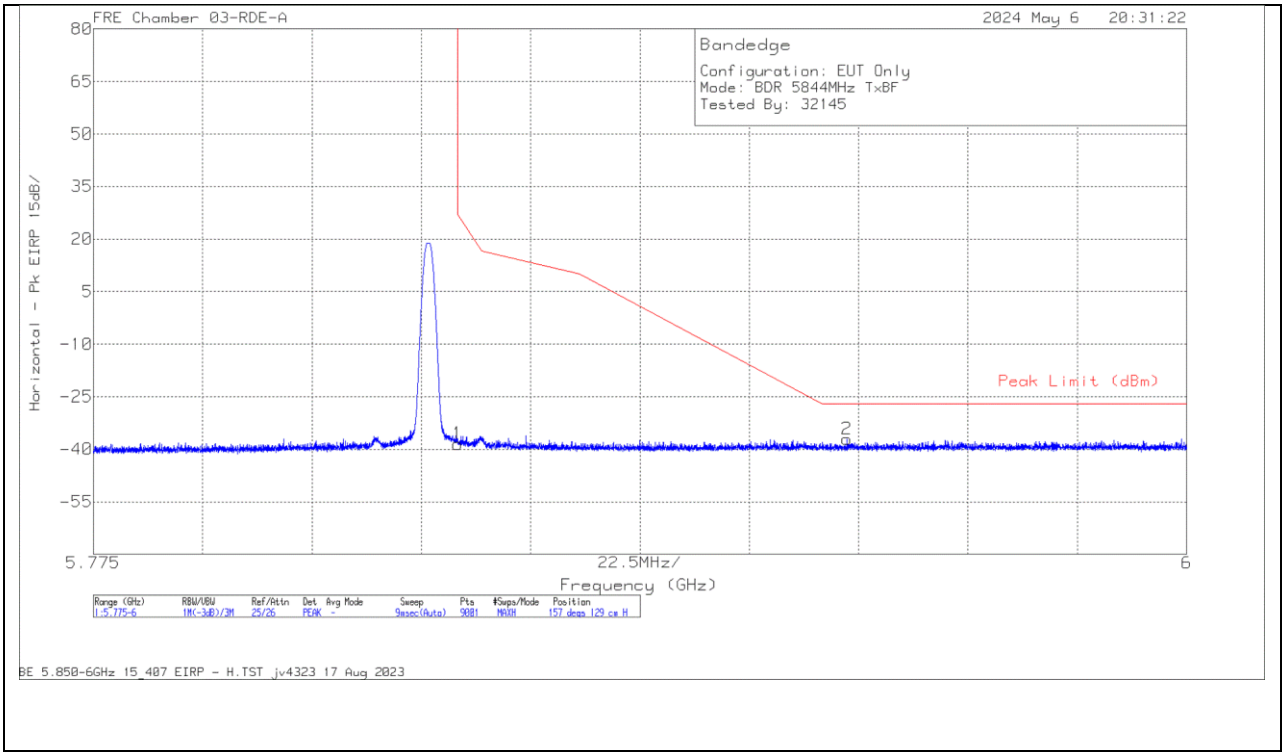
BANDEDGE (HIGH CHANNEL)

HORIZONTAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBm)	Det	226673 ACF (dB/m)	Conversion Factor (dB)	Gain/Loss (dB)	Corrected Reading EIRP (dBm)	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.85	-48.39	Pk	35	11.8	-36.87	-38.46	27	-65.46	157	129	H
2	5.9301	-47.38	Pk	35.2	11.8	-36.71	-37.09	-27	-10.09	157	129	H

Pk - Peak detector

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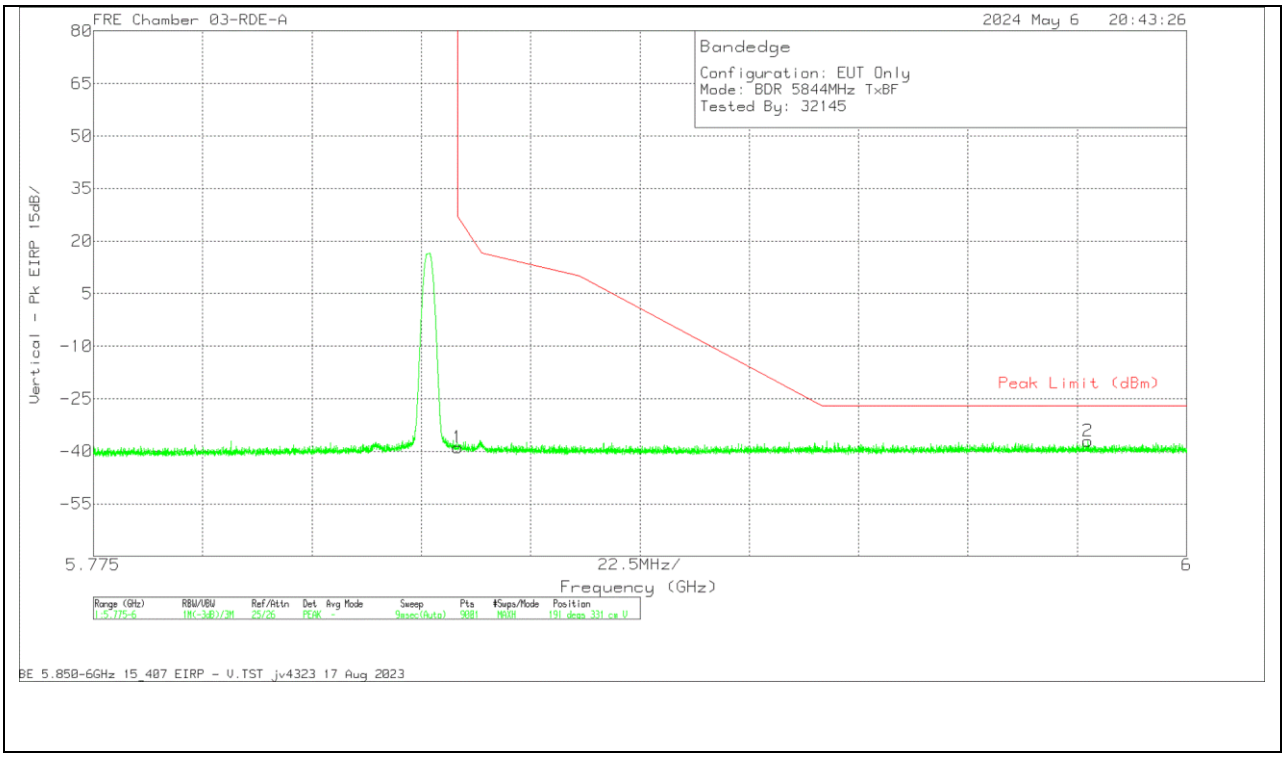
VERTICAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBm)	Det	226673 ACF (dB/m)	Conversion Factor (dB)	Gain/Loss (dB)	Corrected Reading EIRP (dBm)	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.85	-48.8	Pk	35	11.8	-36.87	-38.87	27	-65.87	191	331	V
2	5.9797	-47.61	Pk	35.3	11.8	-36.62	-37.13	-27	-10.13	191	331	V

Pk - Peak detector

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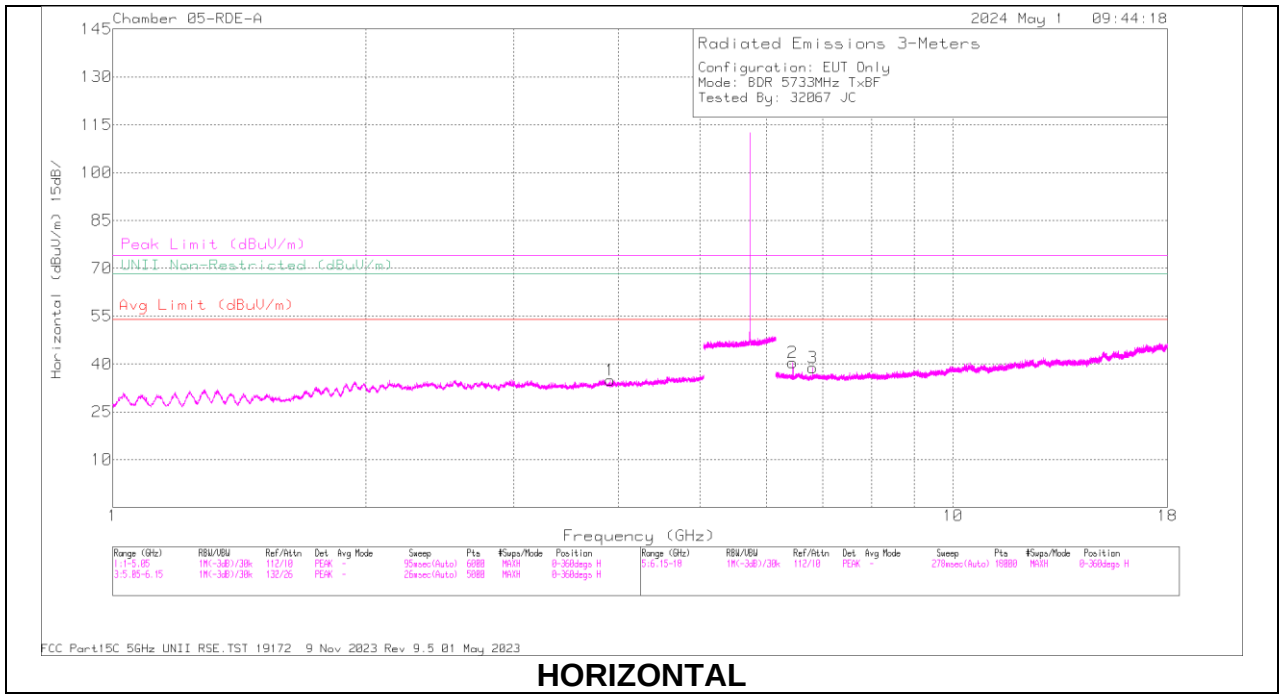
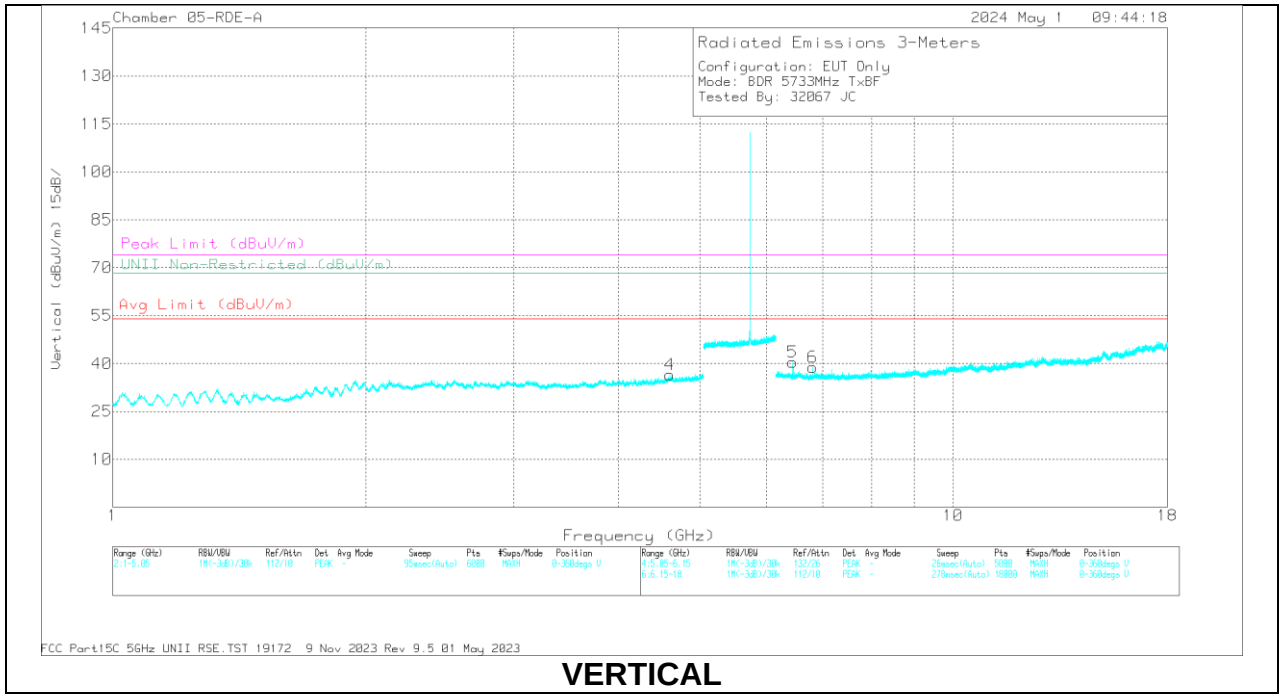
10.1.14. BDR, HIGH POWER, UNII-3, HARMONIC AND SPURIOUS IN THE 5.8 GHz BAND

LOW CHANNEL



HORIZONTAL



VERTICAL

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DATA:

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	80403 ACF 3m (dB/m)	Gain/Loss (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 3.906096	57.06	PK-U	33.5	-46.41	44.15	-	-	74	-29.85	-	-	317	233	H
	* 3.905911	45.08	ADR	33.5	-46.4	32.18	54	-21.82	-	-	-	-	317	233	H
4	* 4.601568	58.84	PK-U	34.4	-47.2	46.04	-	-	74	-27.96	-	-	327	346	V
	* 4.601126	46.85	ADR	34.4	-47.2	34.05	54	-19.95	-	-	-	-	327	346	V
2	6.449404	58.09	PK-U	35.7	-45.16	48.63	-	-	-	-	68.2	-19.57	286	103	H
5	6.449719	58.13	PK-U	35.7	-45.13	48.7	-	-	-	-	68.2	-19.5	225	166	V
6	6.807747	57.37	PK-U	35.7	-45.23	47.84	-	-	-	-	68.2	-20.36	249	203	V
3	6.808231	57.27	PK-U	35.7	-45.2	47.77	-	-	-	-	68.2	-20.43	276	145	H

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

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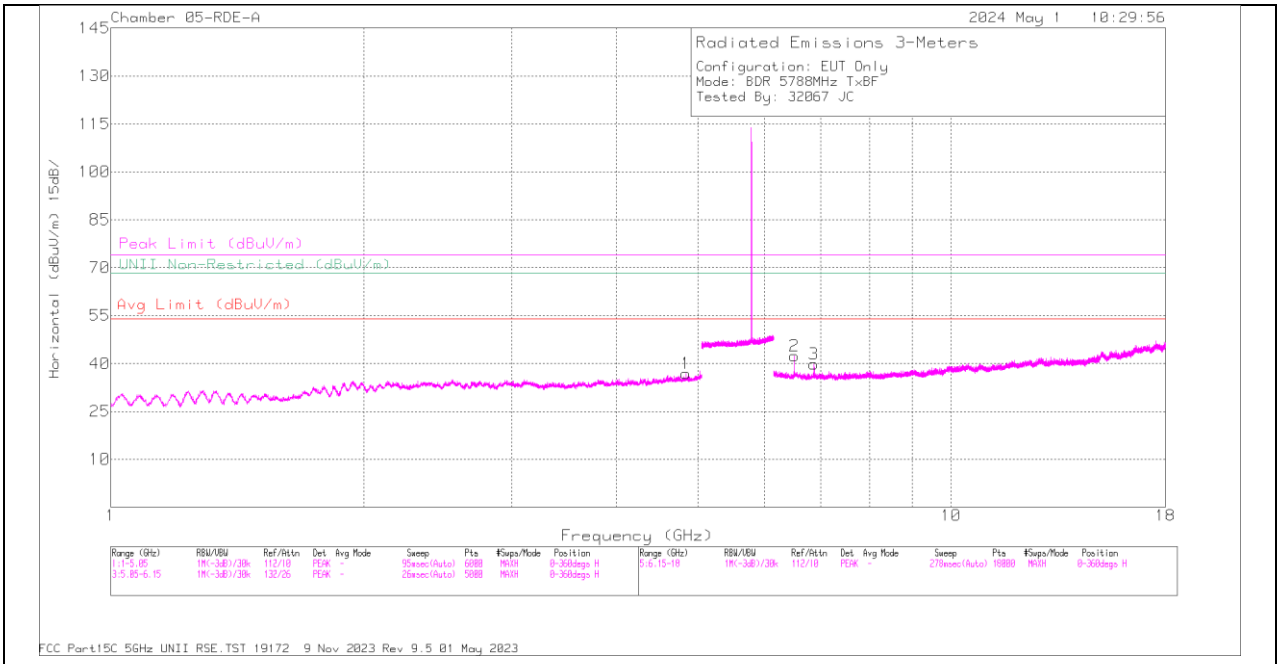
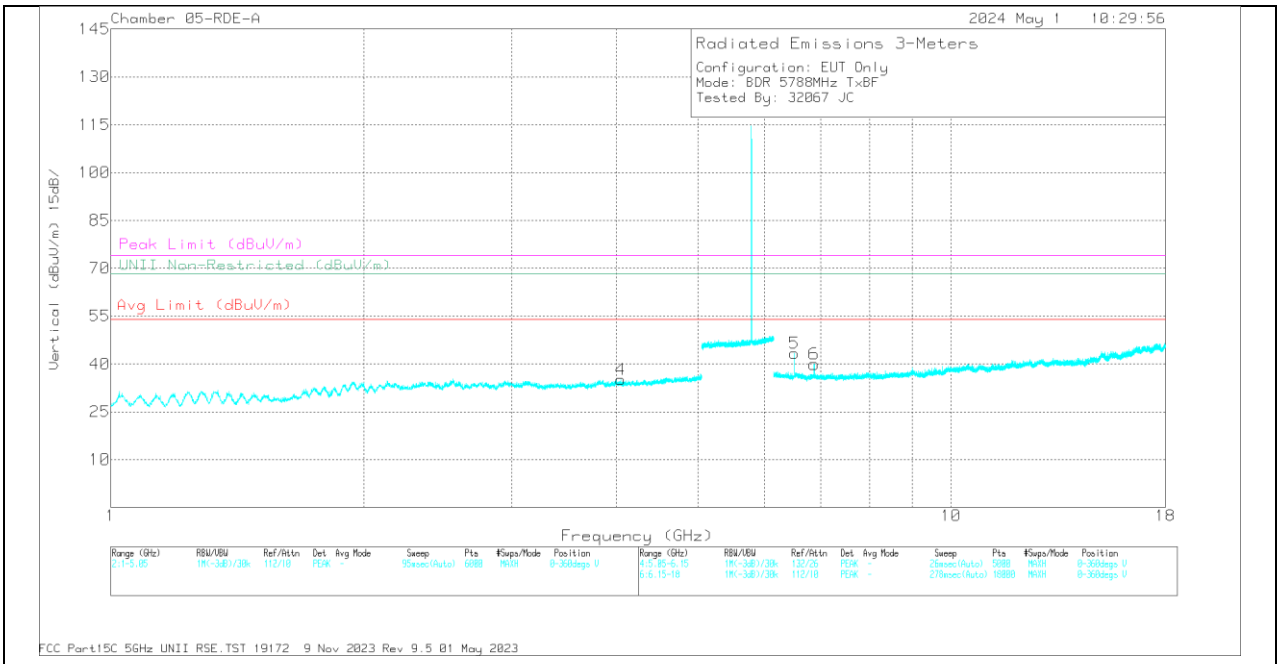
MID CHANNEL



HORIZONTAL



VERTICAL

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DATA:

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	80403 ACF 3m (dB/m)	Gain/Loss (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 4.839834	58.47	PK-U	34.4	-46.9	45.97	-	-	74	-28.03	-	-	194	346	H
	* 4.840926	46.84	ADR	34.4	-46.99	34.25	54	-19.75	-	-	-	-	194	346	H
4	* 4.048557	57.07	PK-U	33.7	-46.4	44.37	-	-	74	-29.63	-	-	287	184	V
	* 4.046807	45.44	ADR	33.7	-46.4	32.74	54	-21.26	-	-	-	-	287	184	V
5	6.511186	58.58	PK-U	35.7	-45.02	49.26	-	-	-	-	68.2	-18.94	252	124	V
2	6.511601	58.89	PK-U	35.7	-45.06	49.53	-	-	-	-	68.2	-18.67	274	207	H
3	6.873266	57.07	PK-U	35.8	-45	47.87	-	-	-	-	68.2	-20.33	206	159	H
6	6.873363	57.31	PK-U	35.8	-45	48.11	-	-	-	-	68.2	-20.09	247	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

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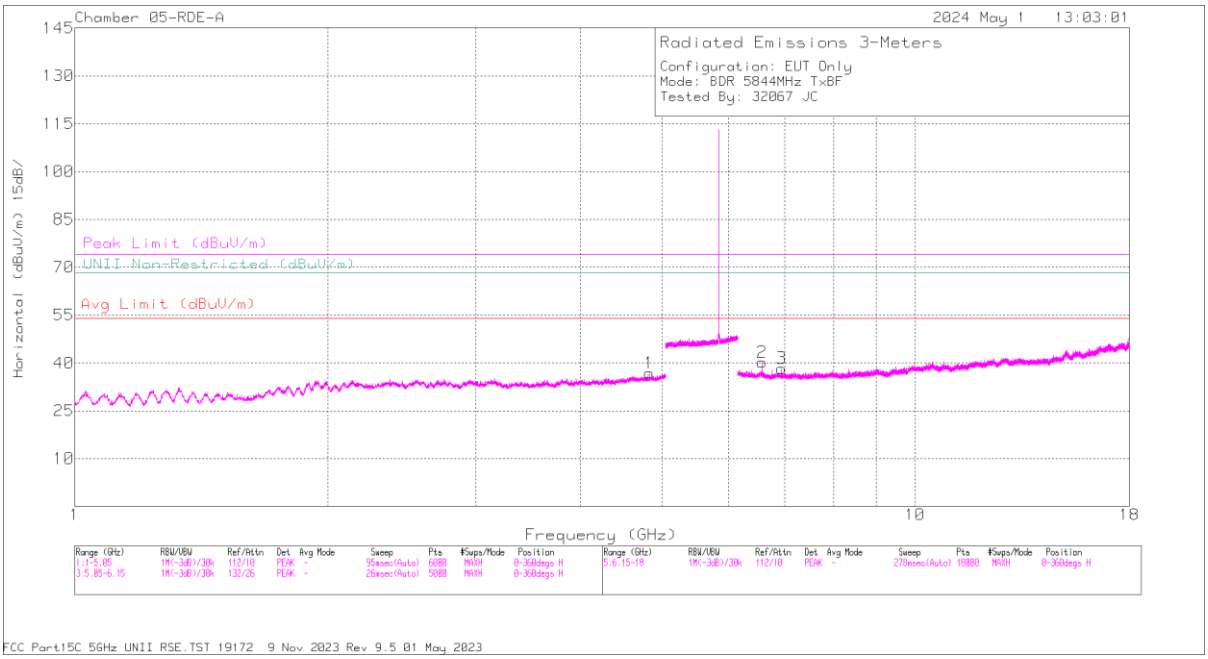
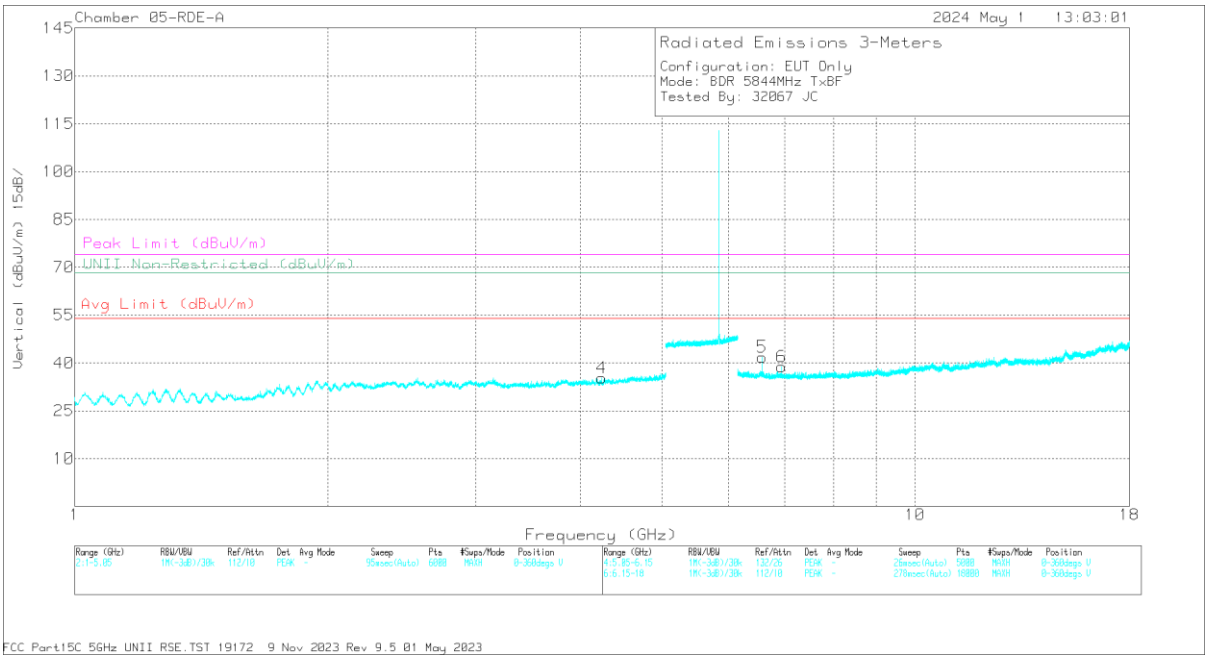
HIGH CHANNEL



HORIZONTAL



VERTICAL

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DATA:

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	80403 ACF 3m (dB/m)	Gain/Loss (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 4.828165	58.96	PK-U	34.4	-47.3	46.06	-	-	74	-27.94	-	-	351	216	H
	* 4.827944	46.65	ADR	34.4	-47.3	33.75	54	-20.25	-	-	-	-	351	216	H
4	* 4.235204	57.14	PK-U	33.8	-46.4	44.54	-	-	74	-29.46	-	-	93	259	V
	* 4.235656	45.2	ADR	33.8	-46.4	32.6	54	-21.4	-	-	-	-	93	259	V
2	6.57398	57.8	PK-U	35.7	-44.7	48.8	-	-	-	-	68.2	-19.4	268	114	H
5	6.574287	58.82	PK-U	35.7	-44.73	49.79	-	-	-	-	68.2	-18.41	245	143	V
6	6.939545	57.37	PK-U	35.8	-45.3	47.87	-	-	-	-	68.2	-20.33	248	216	V
3	6.939561	56.54	PK-U	35.8	-45.3	47.04	-	-	-	-	68.2	-21.16	225	206	H

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

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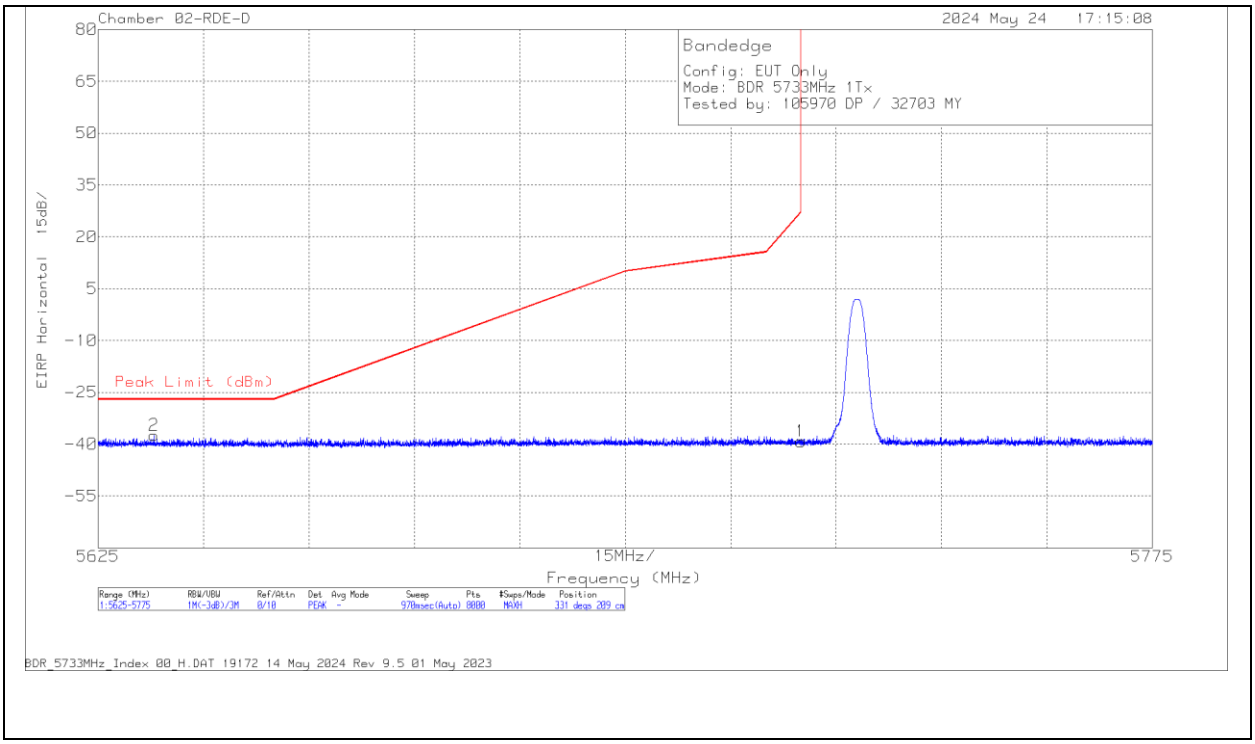
10.1.15. BDR, LOW POWER UNII-3 BANDEDGE

ANT 6

BANDEDGE (LOW CHANNEL)

HORIZONTAL RESULT



Marker	Frequency (MHz)	Meter Reading (dBm)	Det	200896 ACF(dB/m)	Amp/Cbl (dB)	Conversion Factor (dB)	Corrected Reading EIRP (dBm)	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
2	5632.932	-67.85	Pk	34.4	-15.8	11.8	-37.45	-27	-10.45	331	209	H
1	5725	-69.68	Pk	34.6	-15.9	11.8	-39.18	27	-66.18	331	209	H

Pk - Peak detector

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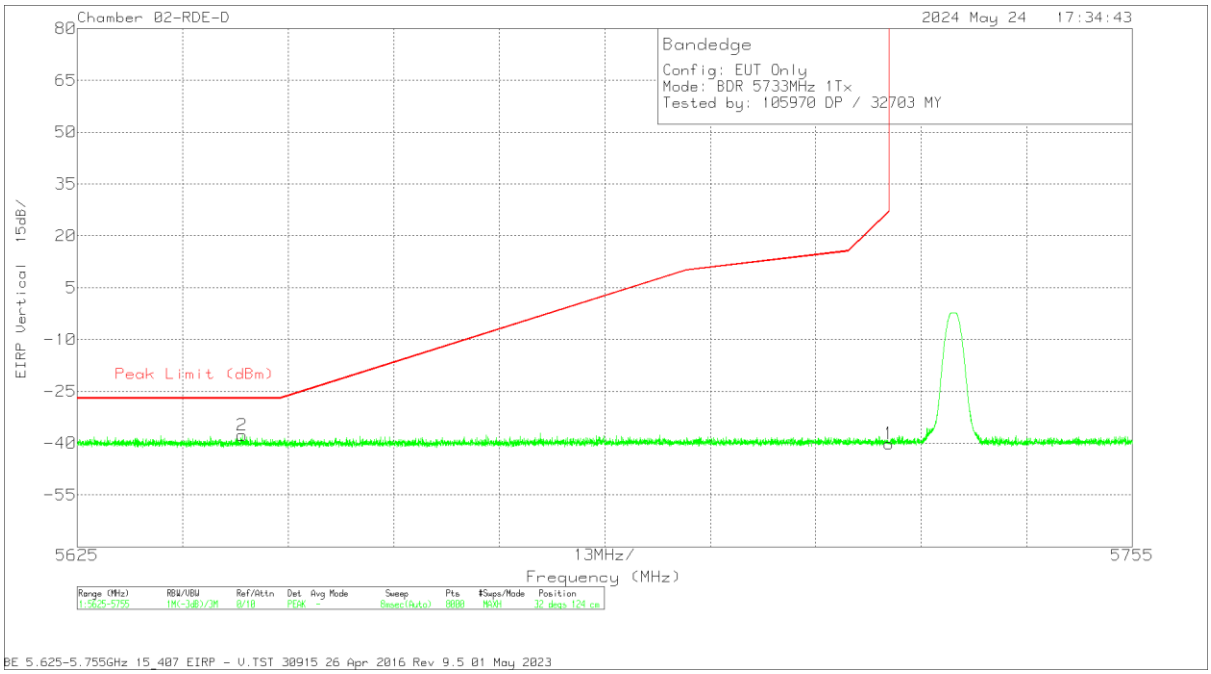
VERTICAL RESULT



Marker	Frequency (MHz)	Meter Reading (dBm)	Det	200896 ACF(dB/m)	Amp/Cbl (dB)	Conversion Factor (dB)	Corrected Reading EIRP (dBm)	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
2	5645.315	-68.29	Pk	34.4	-15.6	11.8	-37.69	-27	-10.69	32	124	V
1	5725	-70.66	Pk	34.6	-15.9	11.8	-40.16	27	-67.16	32	124	V

Pk - Peak detector

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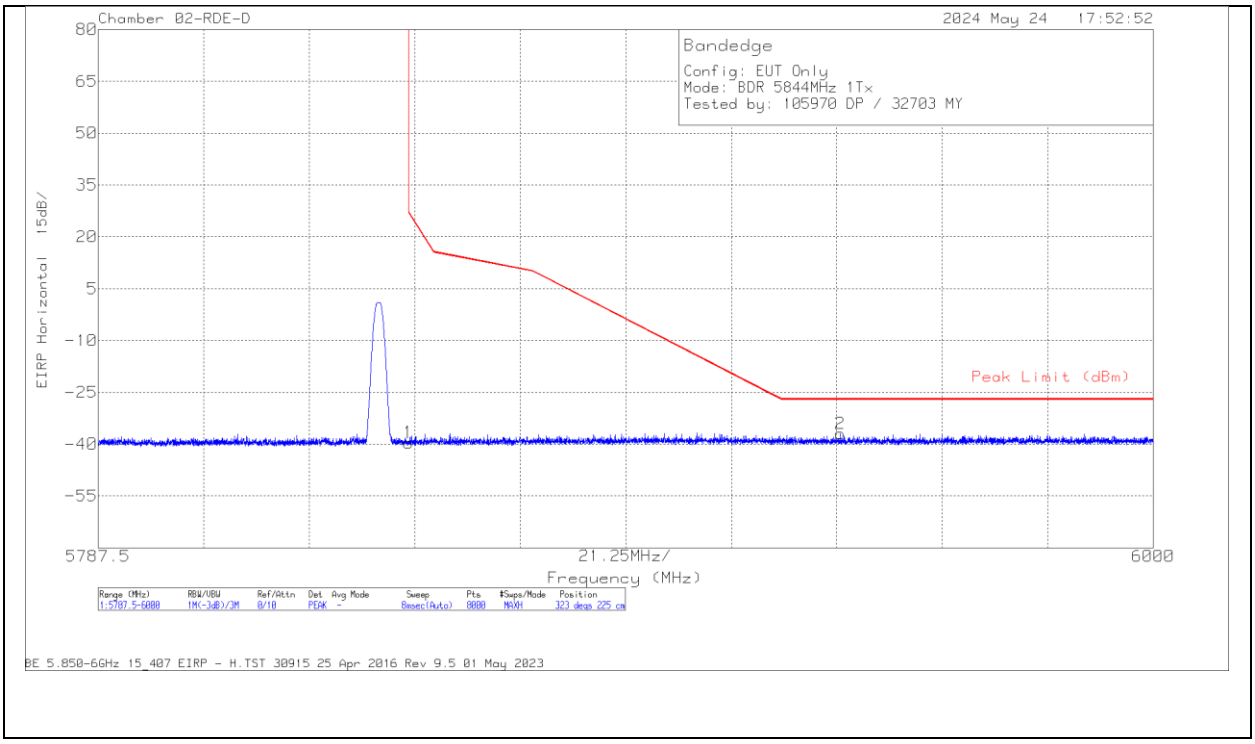
BANDEDGE (HIGH CHANNEL)

HORIZONTAL RESULT



Marker	Frequency (MHz)	Meter Reading (dBm)	Det	200896 ACF(dB/m)	Amp/Cbl (dB)	Conversion Factor (dB)	Corrected Reading EIRP (dBm)	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5850	-70.69	Pk	35	-15.7	11.8	-39.59	27	-66.59	323	225	H
2	5936.96	-68.26	Pk	35.2	-15.7	11.8	-36.96	-27	-9.96	323	225	H

Pk - Peak detector

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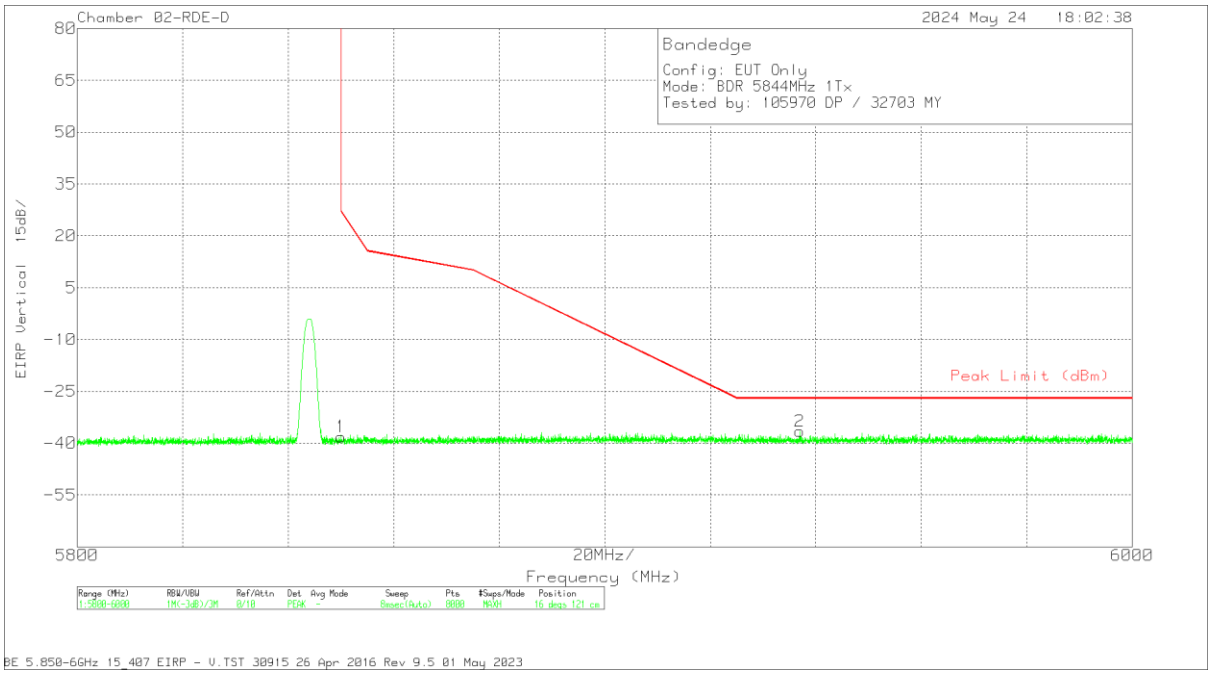
VERTICAL RESULT



Marker	Frequency (MHz)	Meter Reading (dBm)	Det	200896 ACF(dB/m)	Amp/Cbl (dB)	Conversion Factor (dB)	Corrected Reading EIRP (dBm)	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5850	-69.27	Pk	35	-15.7	11.8	-38.17	27	-65.17	16	121	V
2	5936.941	-67.87	Pk	35.2	-15.7	11.8	-36.57	-27	-9.57	16	121	V

Pk - Peak detector

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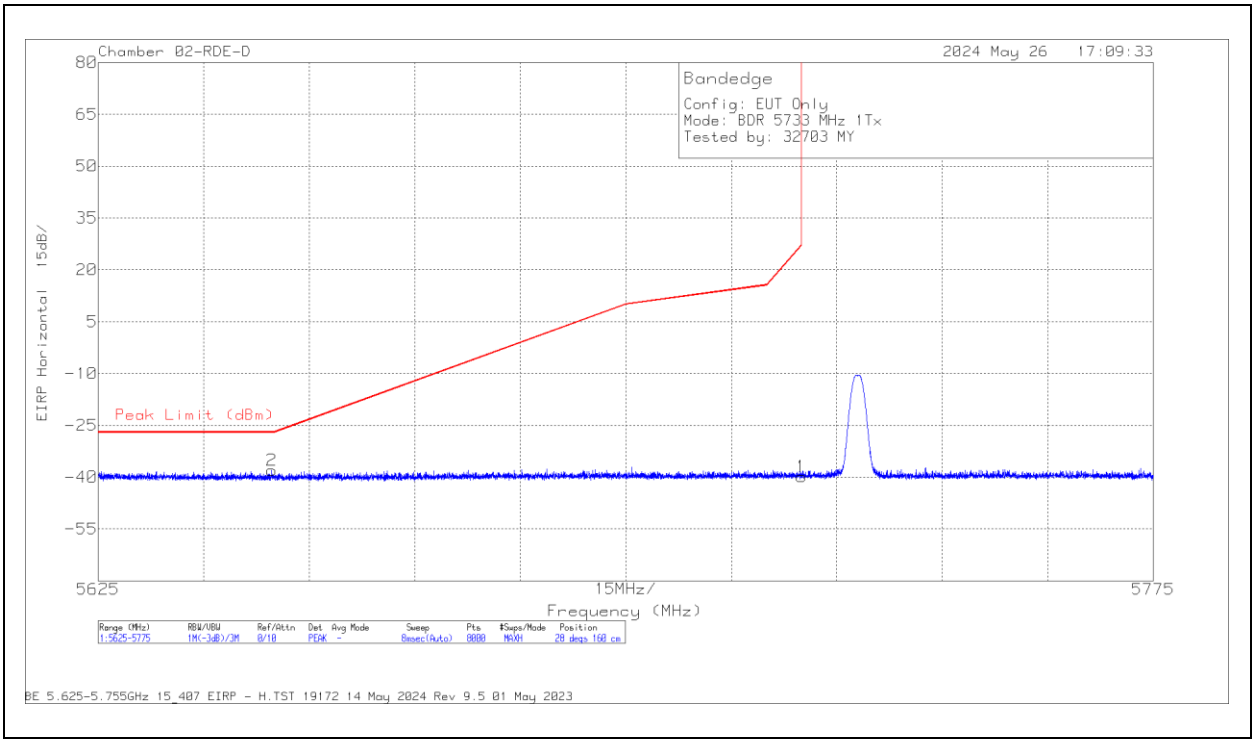
ANT 5

BANDEDGE (LOW CHANNEL)

HORIZONTAL RESULT



Marker	Frequency (MHz)	Meter Reading (dBm)	Det	200896 ACF(dB/m)	Amp/Cbl (dB)	Conversion Factor (dB)	Corrected Reading EIRP (dBm)	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
2	5649.678	-68.75	Pk	34.4	-15.5	11.8	-38.05	-27	-11.05	28	160	H
1	5725	-70.37	Pk	34.6	-15.9	11.8	-39.87	27	-66.87	28	160	H

Pk - Peak detector

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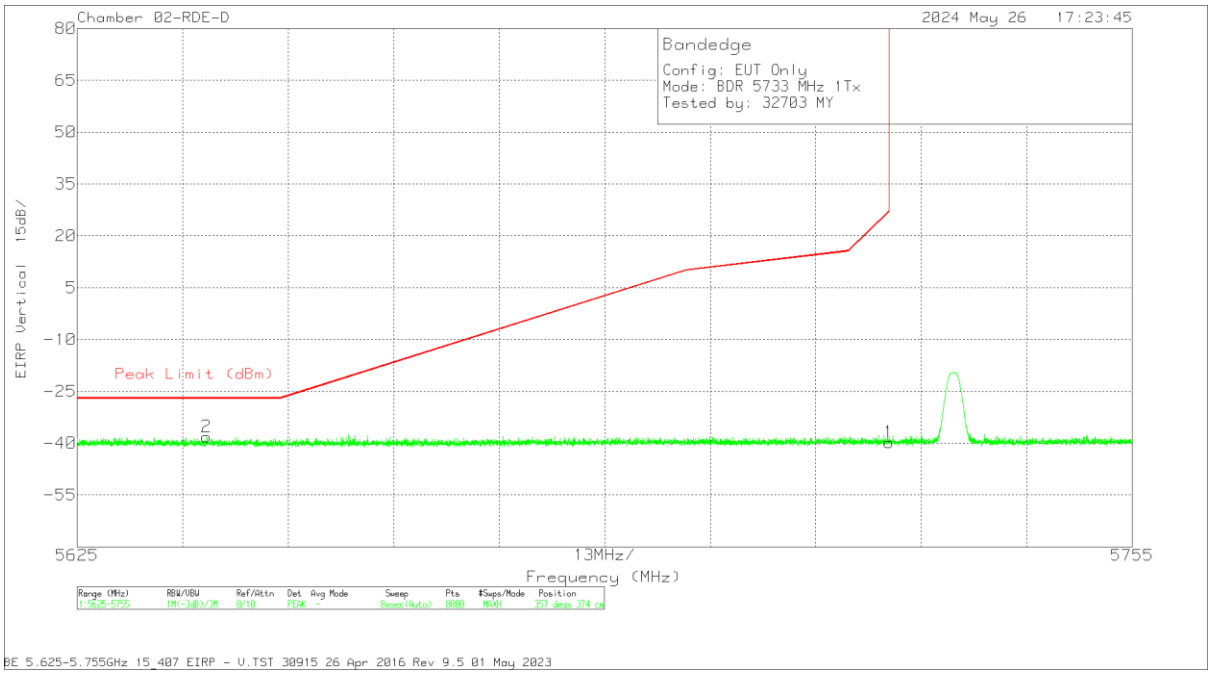
VERTICAL RESULT



Marker	Frequency (MHz)	Meter Reading (dBm)	Det	200896 ACF(dB/m)	Amp/Cbl (dB)	Conversion Factor (dB)	Corrected Reading EIRP (dBm)	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
2	5640.959	-68.52	Pk	34.4	-15.8	11.8	-38.12	-27	-11.12	357	374	V
1	5725	-70.28	Pk	34.6	-15.9	11.8	-39.78	27	-66.78	357	374	V

Pk - Peak detector

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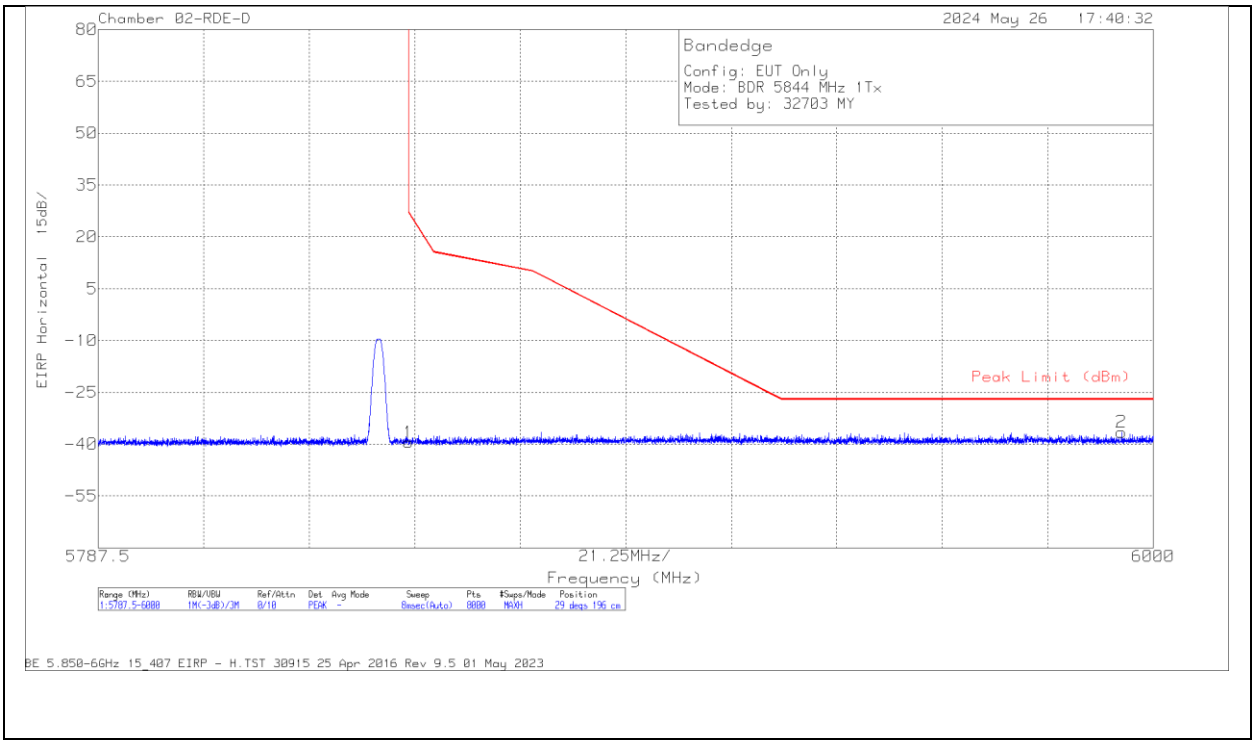
BANDEDGE (LOW CHANNEL)

HORIZONTAL RESULT



Marker	Frequency (MHz)	Meter Reading (dBm)	Det	200896 ACF(dB/m)	Amp/Cbl (dB)	Conversion Factor (dB)	Corrected Reading EIRP (dBm)	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5850	-70.58	Pk	35	-15.7	11.8	-39.48	27	-66.48	29	196	H
2	5993.599	-67.79	Pk	35.3	-15.8	11.8	-36.49	-27	-9.49	29	196	H

Pk - Peak detector

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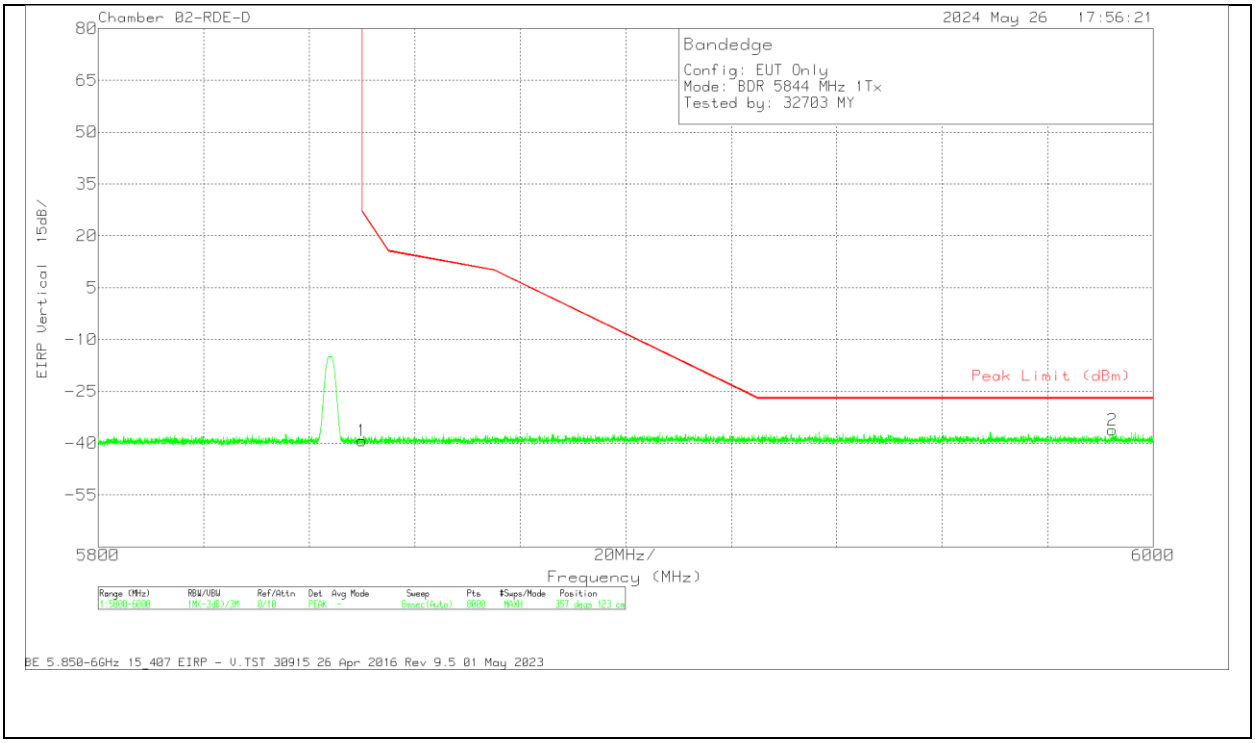
VERTICAL RESULT



Marker	Frequency (MHz)	Meter Reading (dBm)	Det	200896 ACF(dB/m)	Amp/Cbl (dB)	Conversion Factor (dB)	Corrected Reading EIRP (dBm)	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5850	-70.41	Pk	35	-15.7	11.8	-39.31	27	-66.31	357	123	V
2	5992.248	-67.53	Pk	35.3	-15.8	11.8	-36.23	-27	-9.23	357	123	V

Pk - Peak detector

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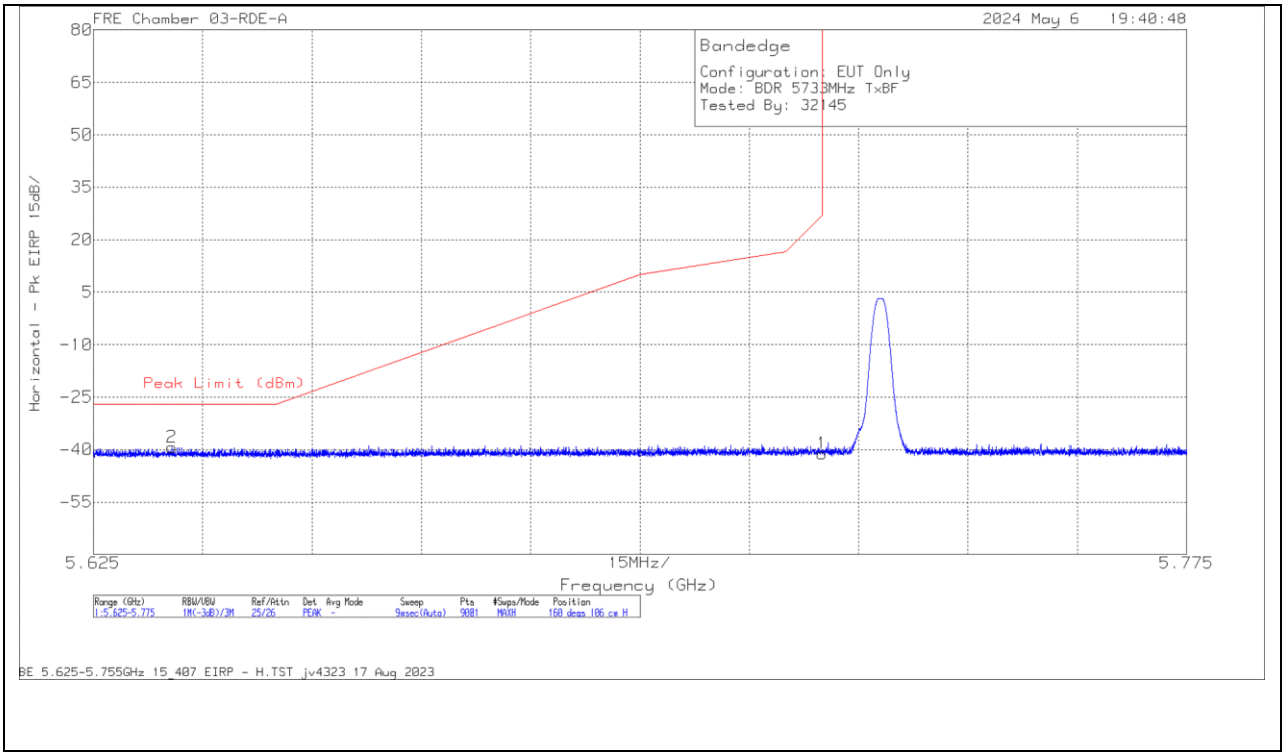
2TX Antenna 6 + Antenna 5 TX BF MODE

BANDEDGE (LOW CHANNEL)

HORIZONTAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBm)	Det	226673 ACF (dB/m)	Conversion Factor (dB)	Gain/Loss (dB)	Corrected Reading EIRP (dBm)	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
2	5.635767	-48.19	Pk	34.4	11.8	-37.33	-39.32	-27	-12.32	160	106	H
1	5.725	-50.47	Pk	34.6	11.8	-37.13	-41.2	27	-68.2	160	106	H

Pk - Peak detector

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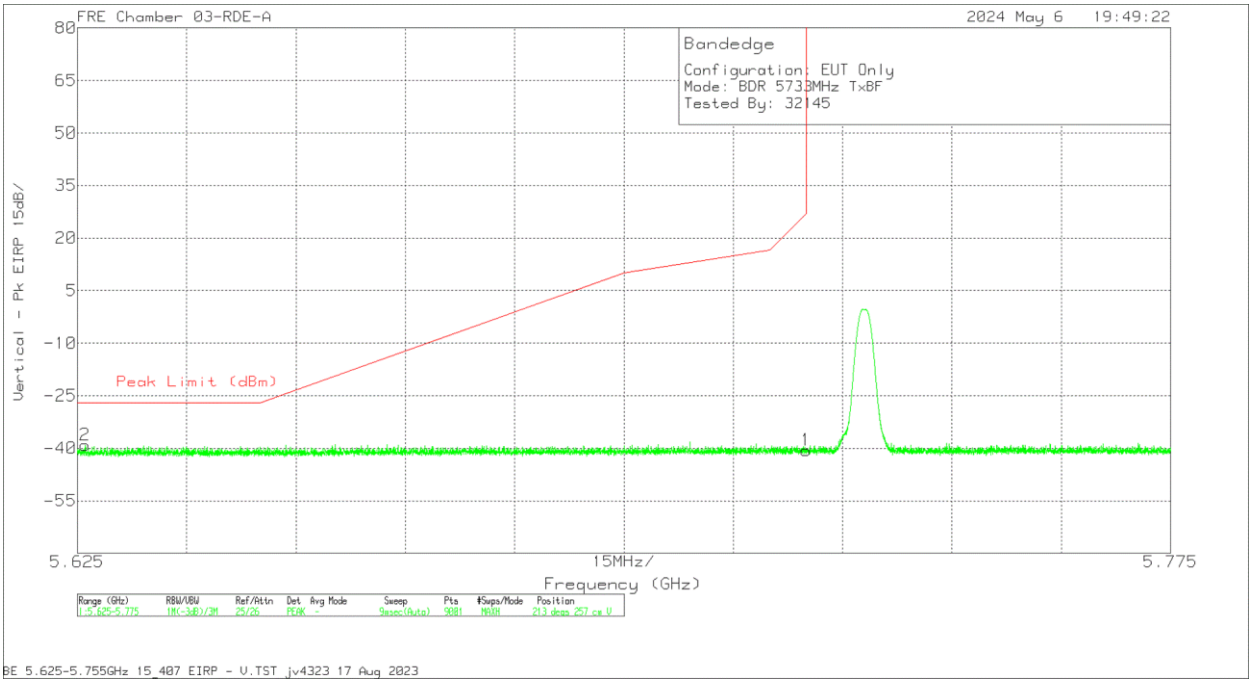
VERTICAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBm)	Det	226673 ACF (dB/m)	Conversion Factor (dB)	Gain/Loss (dB)	Corrected Reading EIRP (dBm)	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
2	5.626017	-47.92	Pk	34.4	11.8	-37.38	-39.1	-27	-12.1	213	257	V
1	5.725	-49.8	Pk	34.6	11.8	-37.13	-40.53	27	-67.53	213	257	V

Pk - Peak detector

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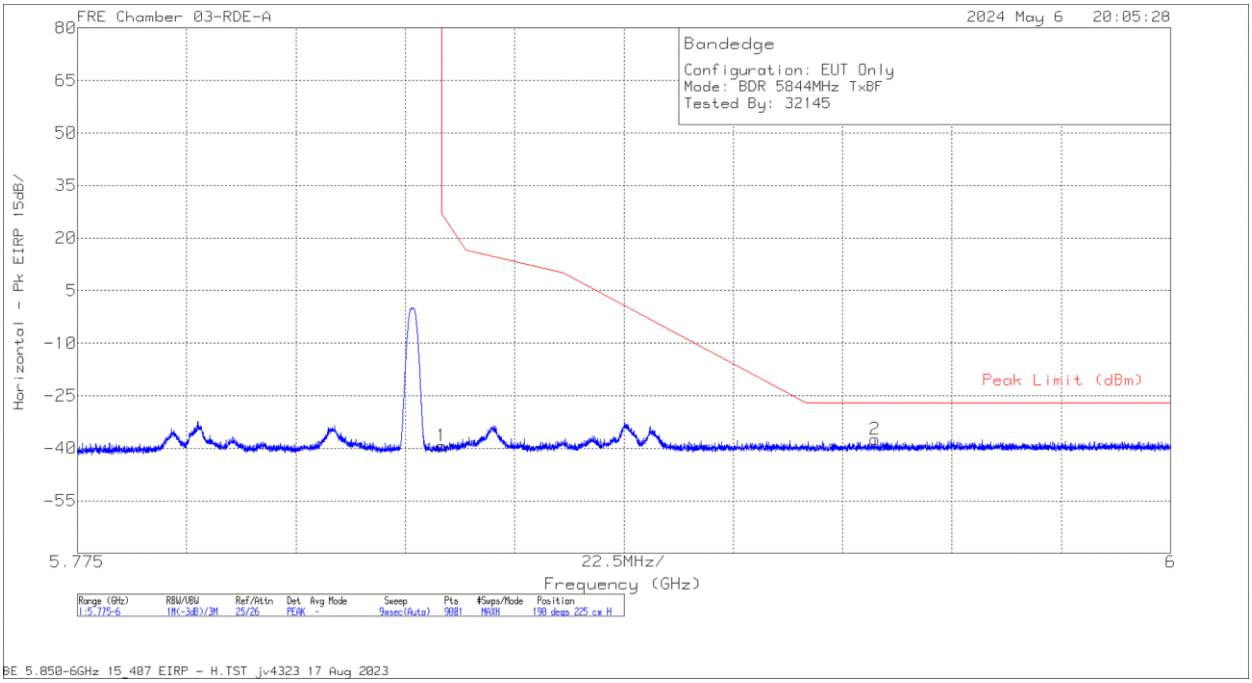
BANDEDGE (HIGH CHANNEL)

HORIZONTAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBm)	Det	226673 ACF (dB/m)	Conversion Factor (dB)	Gain/Loss (dB)	Corrected Reading EIRP (dBm)	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.85	-49.17	Pk	35	11.8	-36.87	-39.24	27	-66.24	190	225	H
2	5.9391	-47.8	Pk	35.2	11.8	-36.72	-37.52	-27	-10.52	190	225	H

Pk - Peak detector

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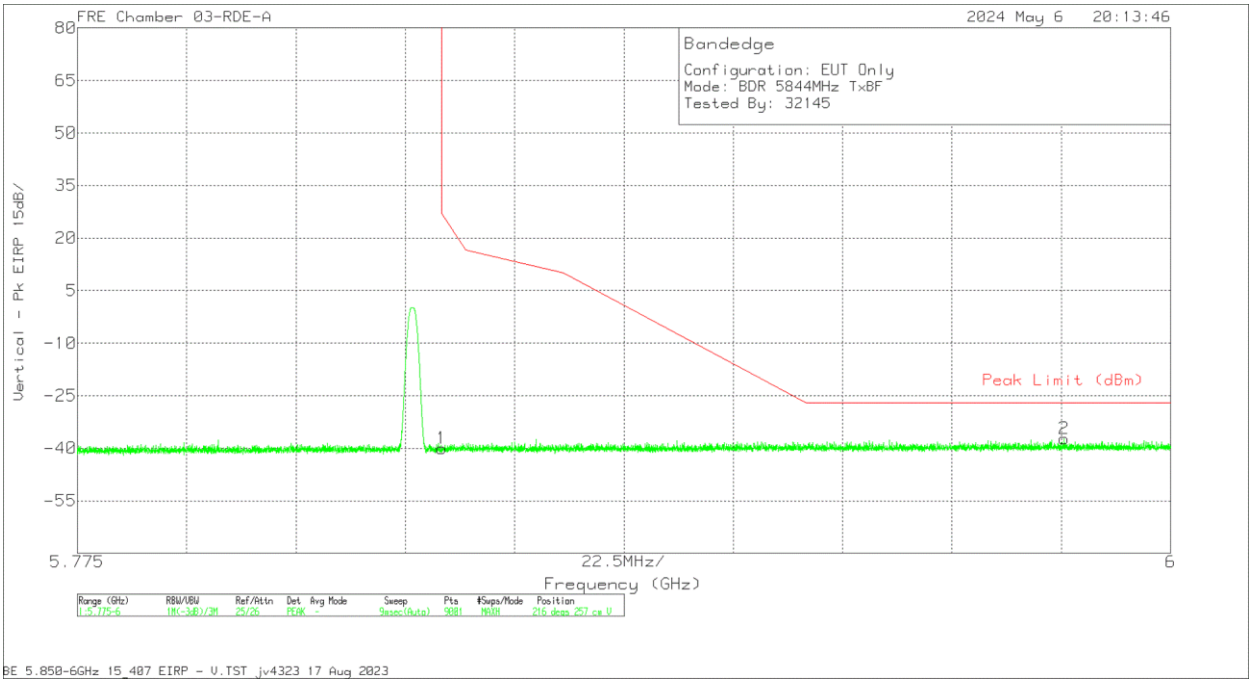
VERTICAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBm)	Det	226673 ACF (dB/m)	Conversion Factor (dB)	Gain/Loss (dB)	Corrected Reading EIRP (dBm)	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.85	-49.96	Pk	35	11.8	-36.87	-40.03	27	-67.03	216	257	V
2	5.978125	-47.8	Pk	35.3	11.8	-36.6	-37.3	-27	-10.3	216	257	V

Pk - Peak detector

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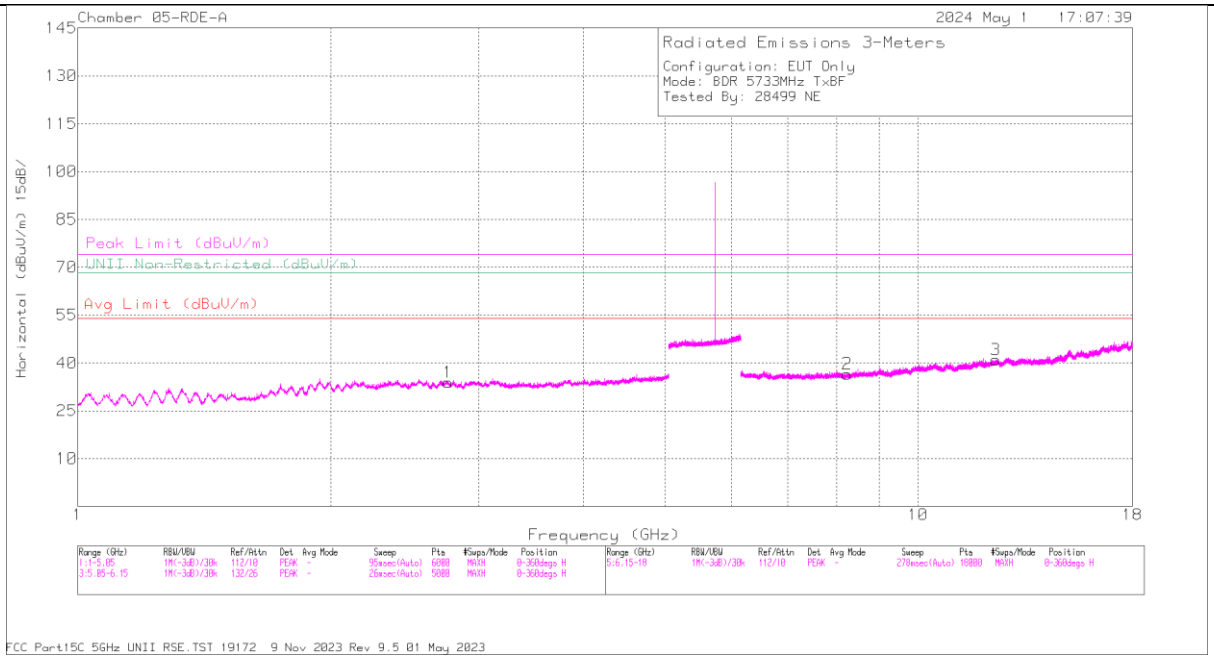
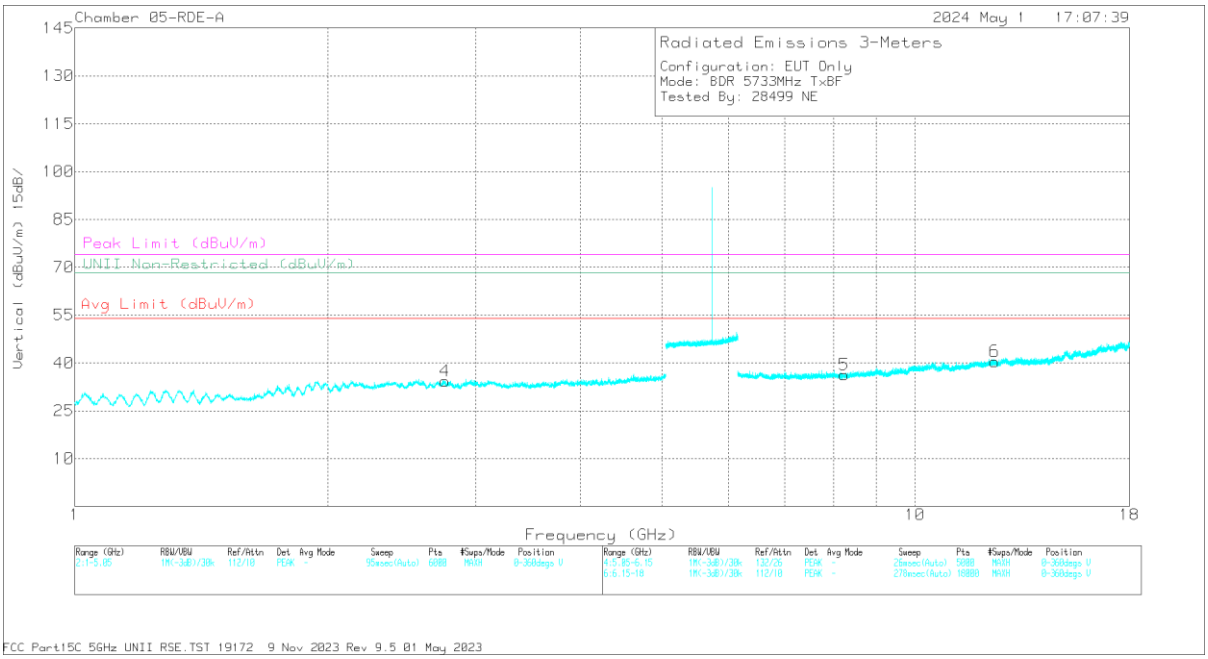
10.1.16. BDR, LOW POWER, UNII-3, HARMONIC AND SPURIOUS TX ABOVE 1 GHz IN THE 5.8GHz BAND

LOW CHANNEL 5733MHz



HORIZONTAL



VERTICAL

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DATA:

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	80403 ACF 3m (dB/m)	Gain/Loss (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.754983	59.86	PK-U	32.3	-48.2	43.96	-	-	74	-30.04	4	158	H
1	* 2.756071	48.37	ADR	32.3	-48.2	32.47	54	-21.53	-	-	4	158	H
4	* 2.751821	60.18	PK-U	32.3	-48.2	44.28	-	-	74	-29.72	178	262	V
4	* 2.753304	48.46	ADR	32.3	-48.2	32.56	54	-21.44	-	-	178	262	V
2	* 8.244623	54.78	PK-U	36	-44.7	46.08	-	-	74	-27.92	86	103	H
2	* 8.2454	43.42	ADR	36	-44.7	34.72	54	-19.28	-	-	86	103	H
3	* 12.368406	53.32	PK-U	38.9	-42.2	50.02	-	-	74	-23.98	343	328	H
3	* 12.36922	41.69	ADR	38.9	-42.2	38.39	54	-15.61	-	-	343	328	H
5	* 8.240362	55.41	PK-U	36	-44.7	46.71	-	-	74	-27.29	85	271	V
5	* 8.241632	43.41	ADR	36	-44.7	34.71	54	-19.29	-	-	85	271	V
6	* 12.435393	53.44	PK-U	38.9	-42.1	50.24	-	-	74	-23.76	283	104	V
6	* 12.433773	41.74	ADR	38.9	-42.08	38.56	54	-15.44	-	-	283	104	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

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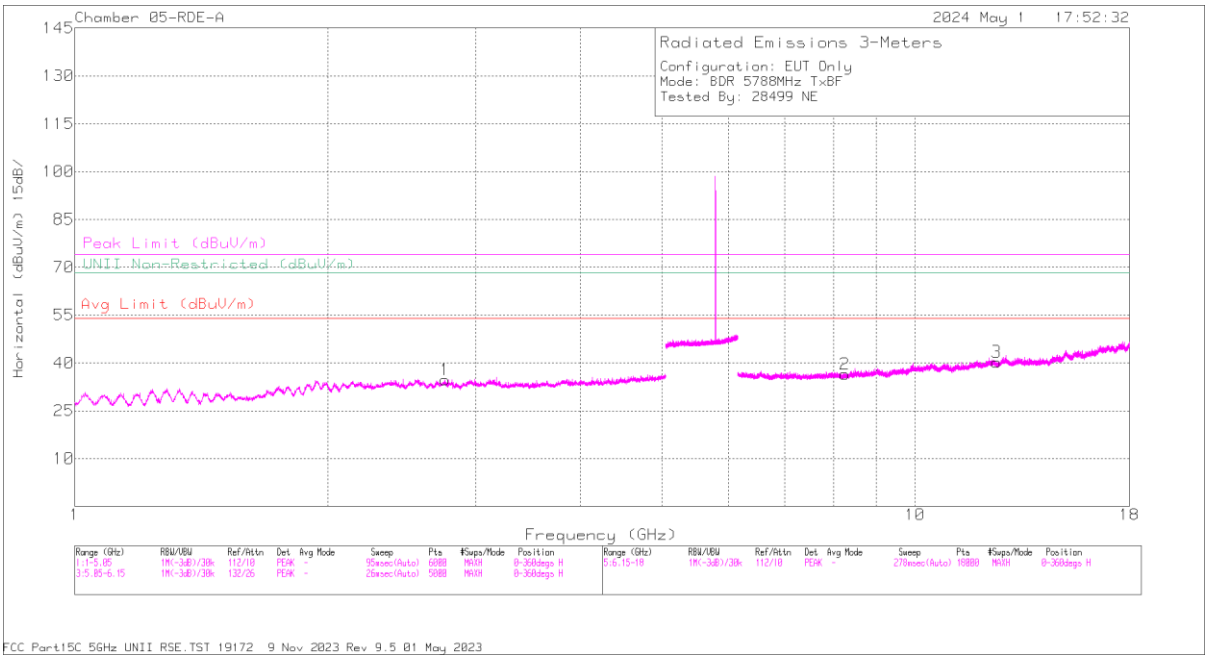
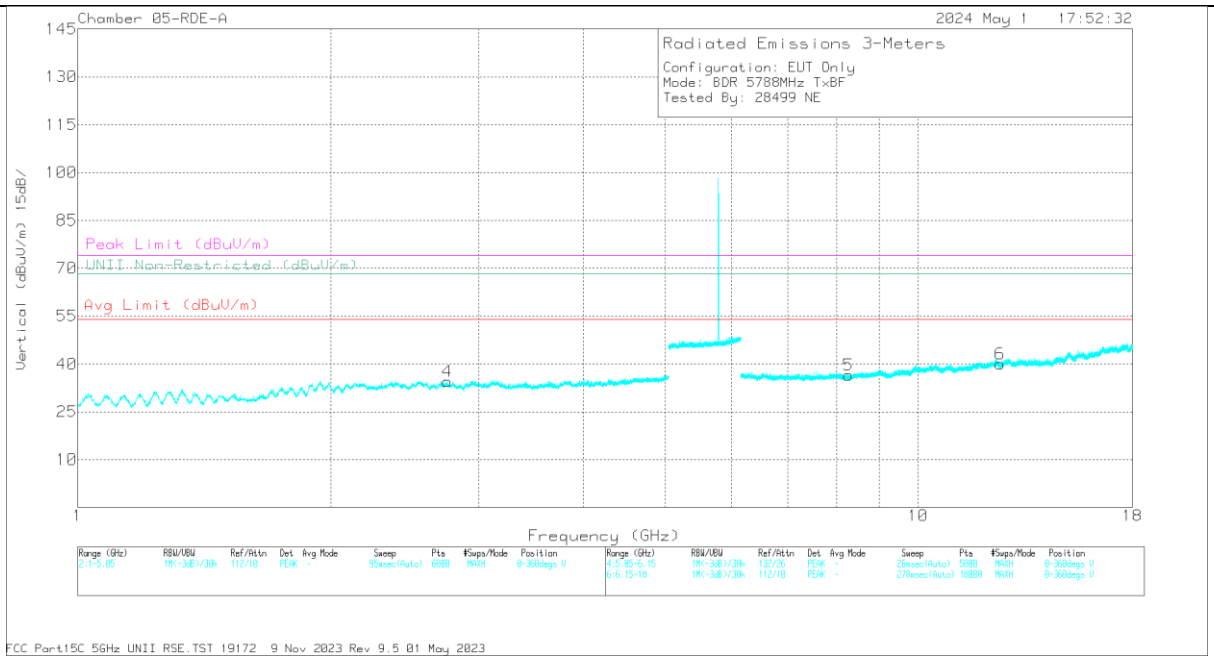
MID CHANNEL 5788MHz



HORIZONTAL



VERTICAL

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DATA:

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	80403 ACF 3m (dB/m)	Gain/Loss (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.758803	59.87	PK-U	32.3	-48.2	43.97	-	-	74	-30.03	0	199	H
1	* 2.756498	48.54	ADR	32.3	-48.2	32.64	54	-21.36	-	-	0	199	H
4	* 2.752237	60.13	PK-U	32.3	-48.2	44.23	-	-	74	-29.77	191	276	V
4	* 2.750853	48.56	ADR	32.3	-48.21	32.65	54	-21.35	-	-	191	276	V
2	* 8.248253	55.03	PK-U	36	-44.7	46.33	-	-	74	-27.67	16	196	H
2	* 8.249345	43.2	ADR	36	-44.7	34.5	54	-19.5	-	-	16	196	H
3	* 12.501601	53.02	PK-U	38.9	-42	49.92	-	-	74	-24.08	206	175	H
3	* 12.503201	41.21	ADR	38.9	-42	38.11	54	-15.89	-	-	206	175	H
5	* 8.272012	54.76	PK-U	36	-44.5	46.26	-	-	74	-27.74	212	308	V
5	* 8.271009	43.31	ADR	36	-44.5	34.81	54	-19.19	-	-	212	308	V
6	* 12.540222	53.39	PK-U	39	-42.18	50.21	-	-	74	-23.79	254	136	V
6	* 12.537921	41.52	ADR	39	-42.11	38.41	54	-15.59	-	-	254	136	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

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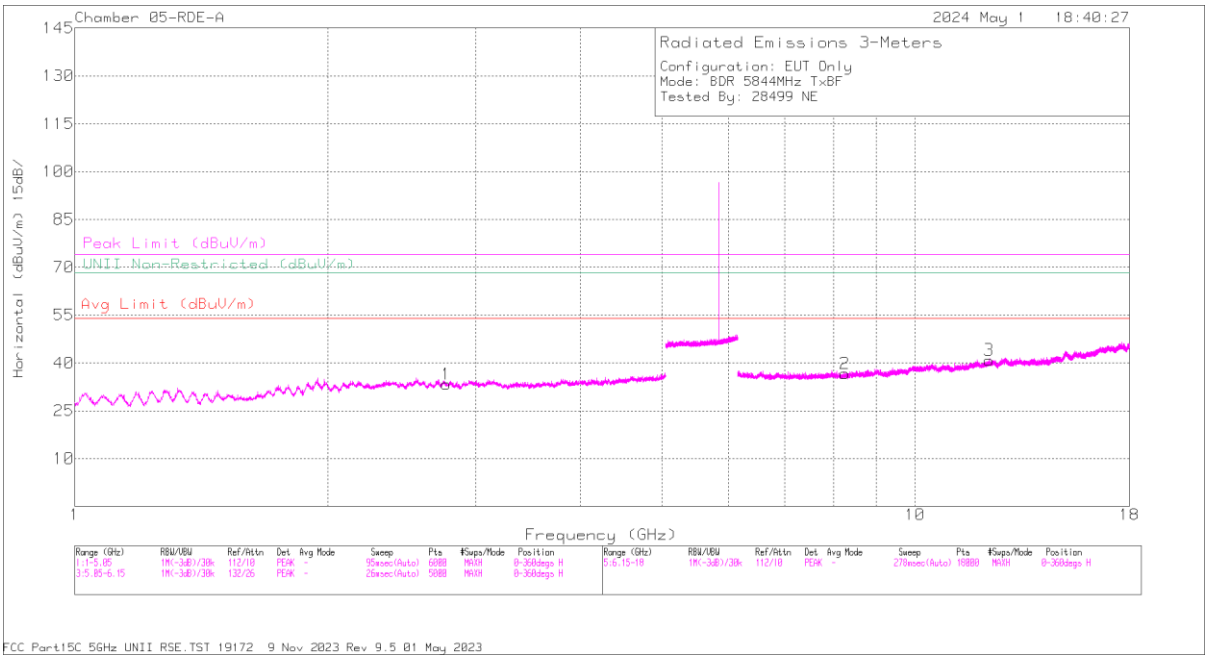
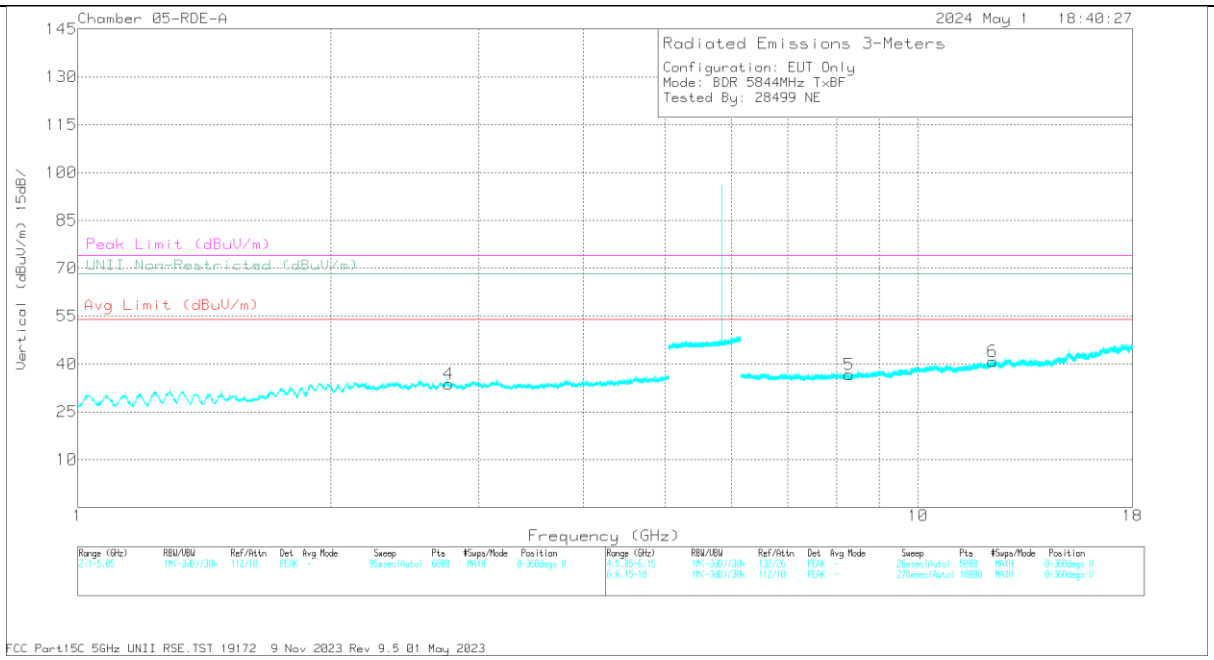
HIGH CHANNEL 5844MHz



HORIZONTAL



VERTICAL

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DATA:

Marke1r	Frequency (GHz)	Meter Reading (dBuV)	Det	80403 ACF 3m (dB/m)	Gain/Loss (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.766531	60.16	PK-U	32.3	-48.1	44.36	-	-	74	-29.64	196	327	H
1	* 2.766314	48.1	ADR	32.3	-48.1	32.3	54	-21.7	-	-	196	327	H
4	* 2.761045	60.11	PK-U	32.3	-48.2	44.21	-	-	74	-29.79	277	307	V
4	* 2.759701	48.41	ADR	32.3	-48.2	32.51	54	-21.49	-	-	277	307	V
2	* 8.247644	54.8	PK-U	36	-44.7	46.1	-	-	74	-27.9	183	314	H
2	* 8.248466	43.22	ADR	36	-44.7	34.52	54	-19.48	-	-	183	314	H
3	* 12.243072	54	PK-U	38.9	-42	50.9	-	-	74	-23.1	293	177	H
3	* 12.241144	41.67	ADR	38.9	-42.1	38.47	54	-15.53	-	-	293	177	H
5	* 8.287457	54.72	PK-U	36	-44.7	46.02	-	-	74	-27.98	317	364	V
5	* 8.286132	43.37	ADR	36	-44.7	34.67	54	-19.33	-	-	317	364	V
6	* 12.280958	54.13	PK-U	38.9	-42.3	50.73	-	-	74	-23.27	355	231	V
6	* 12.279588	42.1	ADR	38.9	-42.3	38.7	54	-15.3	-	-	355	231	V

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

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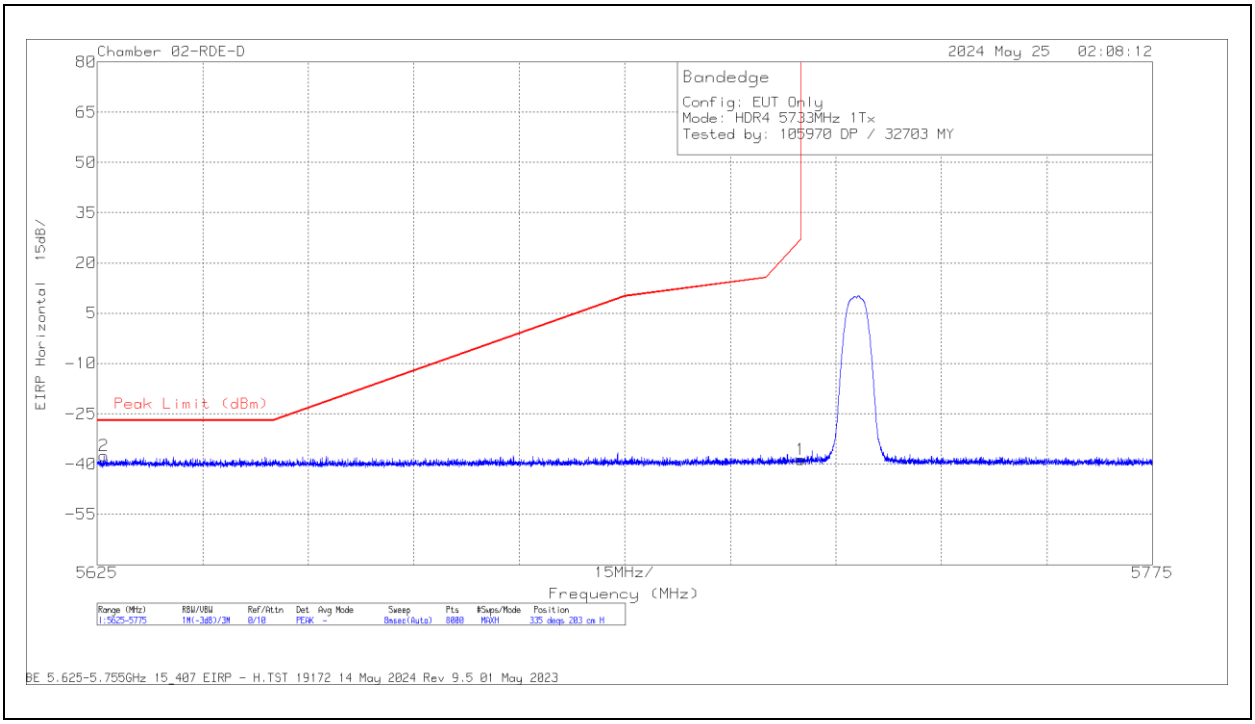
10.1.17. HDR4, HIGH POWER UNII-3 BANDEDGE

ANT 6

BANDEDGE (LOW CHANNEL)

HORIZONTAL RESULT



Marker	Frequency (MHz)	Meter Reading (dBm)	Det	200896 ACF(dB/m)	Amp/Cbl (dB)	Conversion Factor (dB)	Corrected Reading EIRP (dBm)	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
2	5625.938	-68.04	Pk	34.4	-15.6	11.8	-37.44	-27	-10.44	335	203	H
1	5725	-69.15	Pk	34.6	-15.9	11.8	-38.65	27	-65.65	335	203	H

Pk - Peak detector

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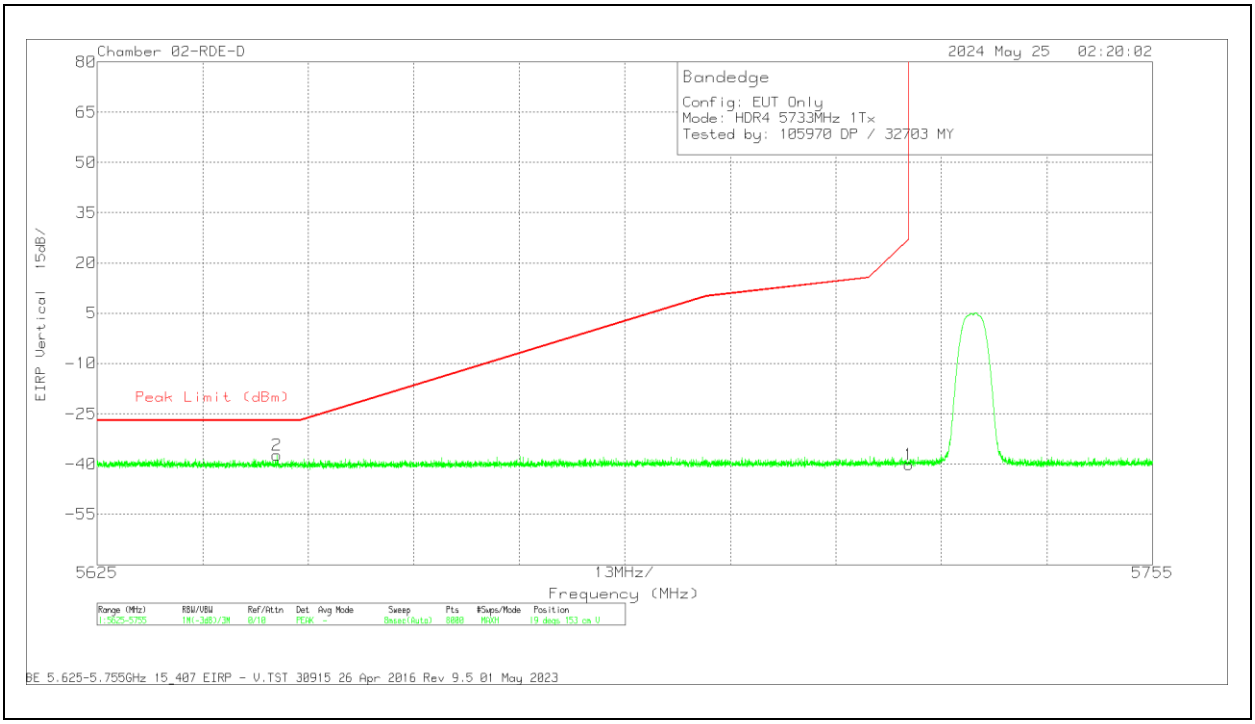
VERTICAL RESULT



Marker	Frequency (MHz)	Meter Reading (dBm)	Det	200896 ACF(dB/m)	Amp/Cbl (dB)	Conversion Factor (dB)	Corrected Reading EIRP (dBm)	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
2	5647.151	-68.02	Pk	34.4	-15.5	11.8	-37.32	-27	-10.32	19	153	V
1	5725	-70.63	Pk	34.6	-15.9	11.8	-40.13	27	-67.13	19	153	V

Pk - Peak detector

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