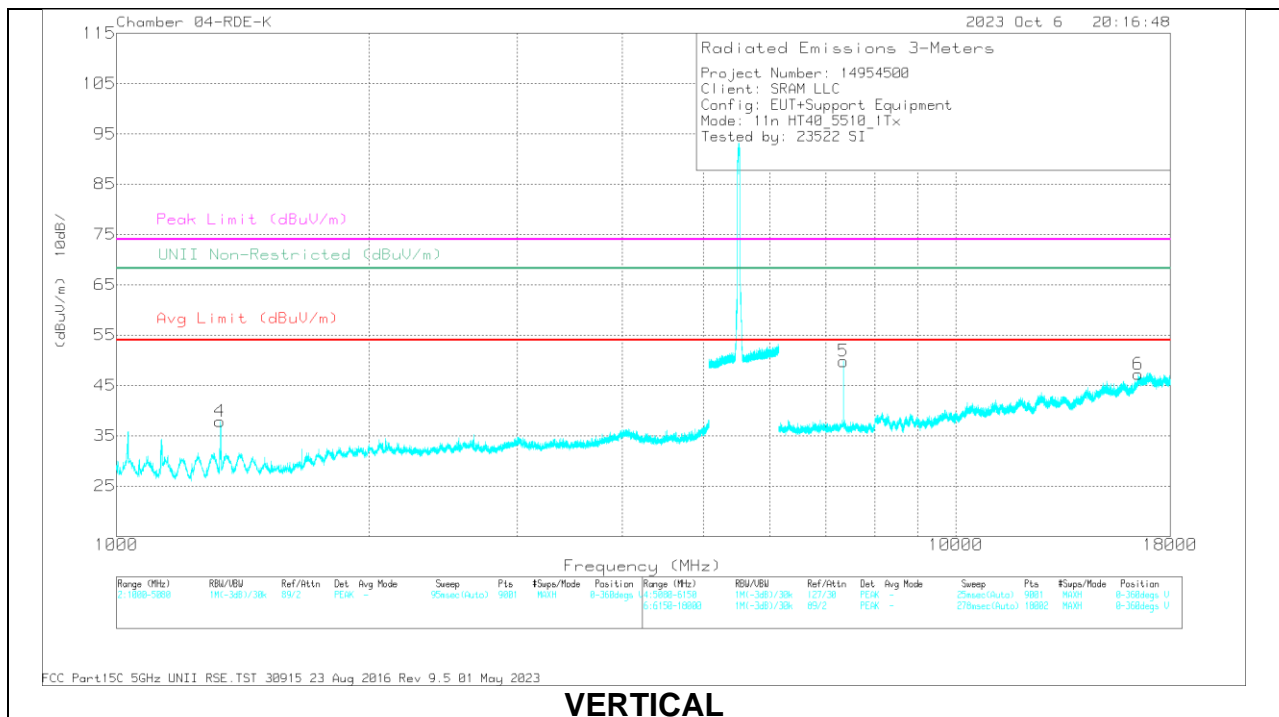
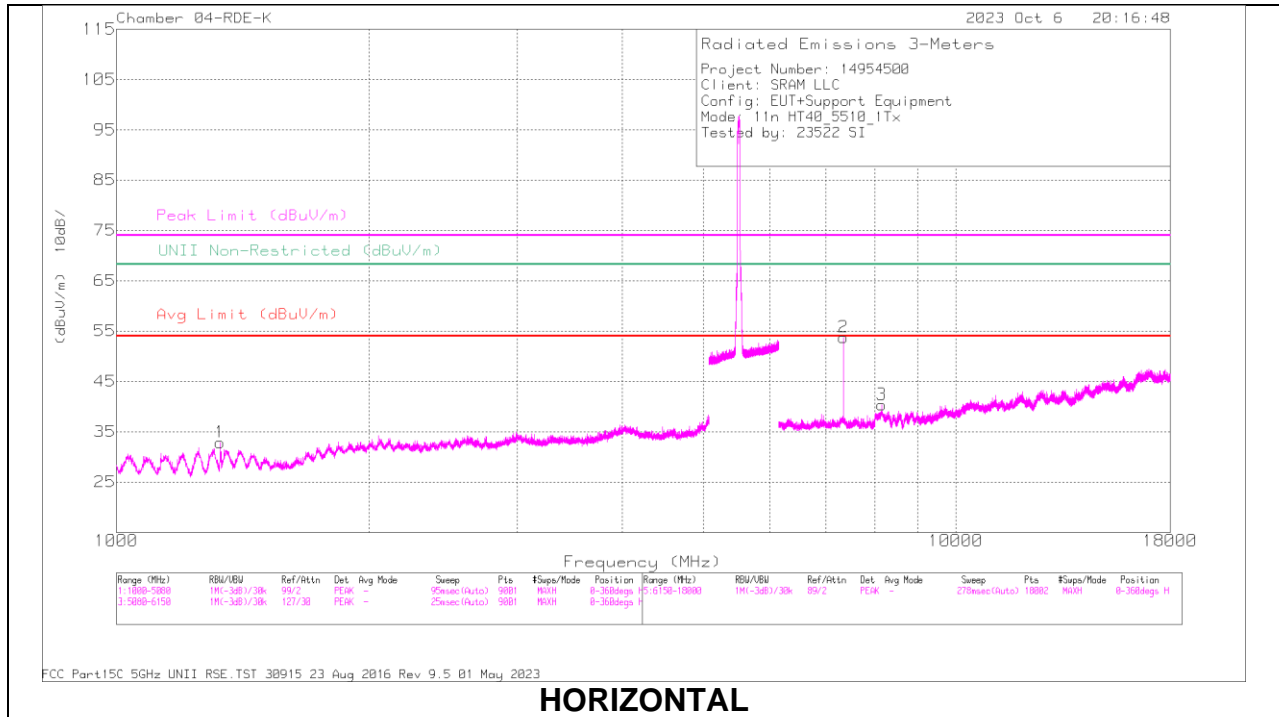


HARMONICS AND SPURIOUS EMISSIONS

LOW CHANNEL RESULTS

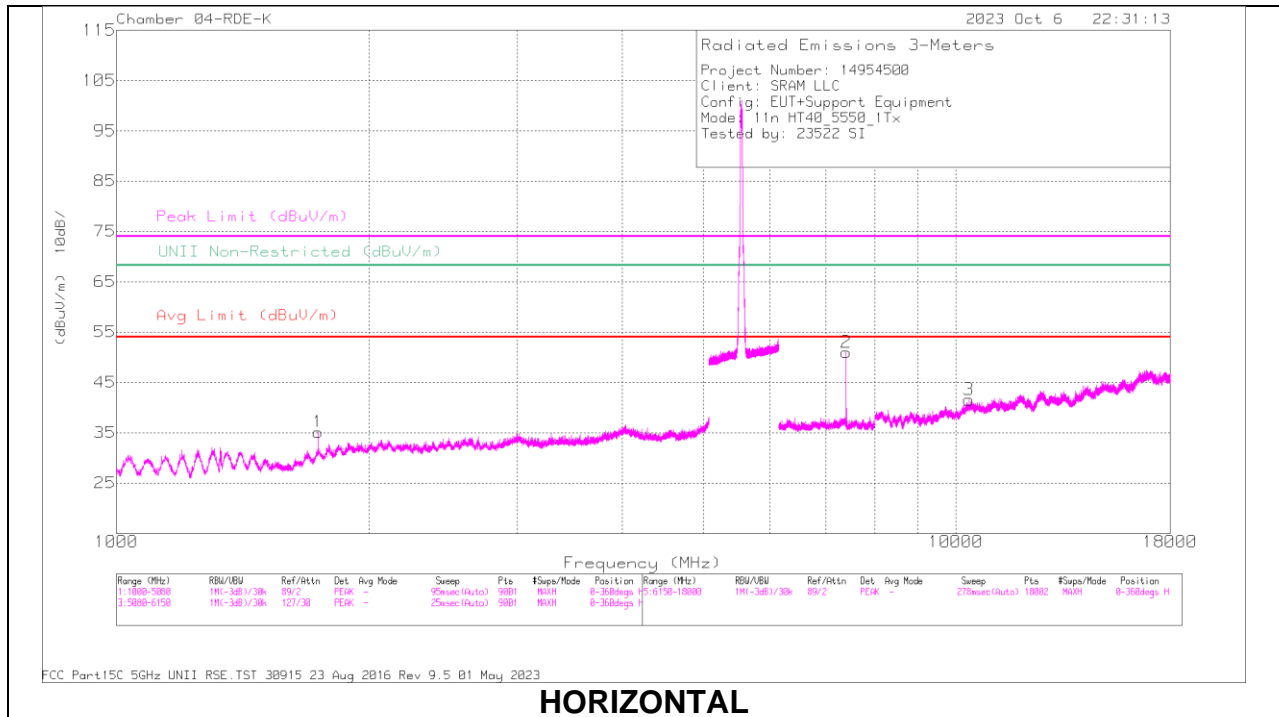


RADIATED EMISSIONS

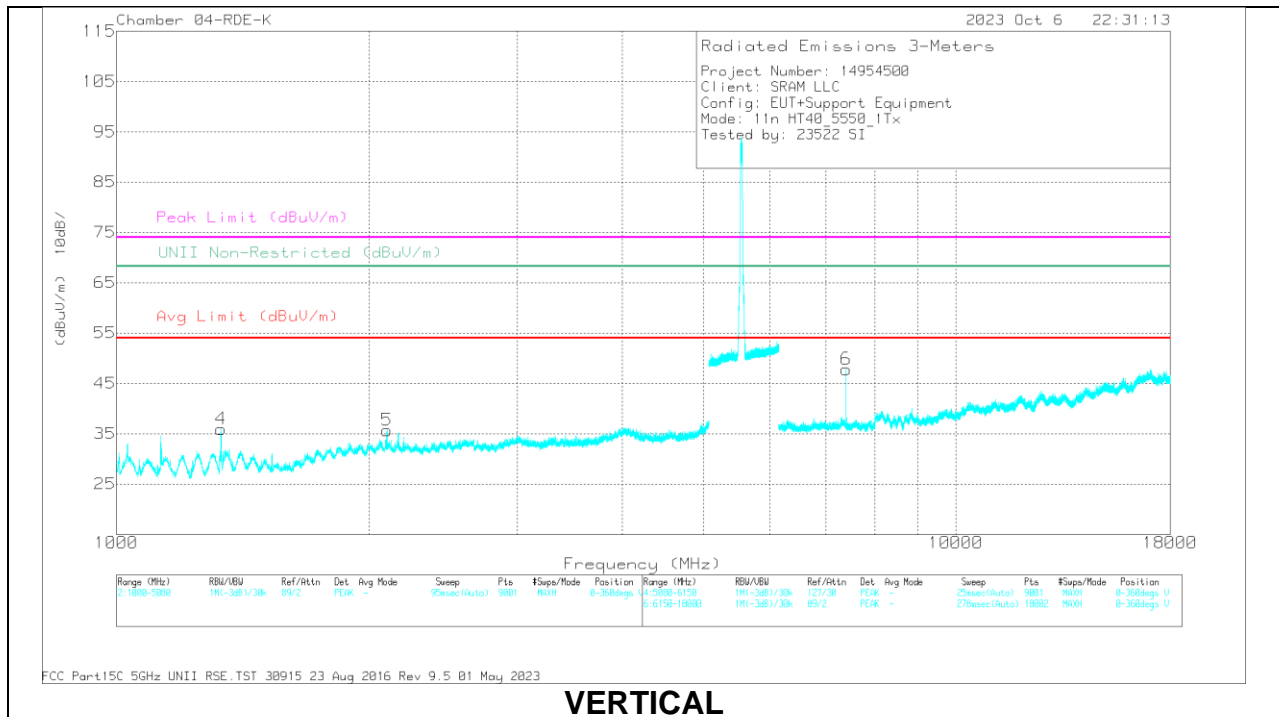
Marker	Frequency (MHz)	Meter Reading (dBµV)	Det	223083 ACF 3m (dBm)	Cbl/Amp (dB)	DCCF (dB)	Corrected Reading (dBµV/m)	Avg Limit (dBµV/m)	Margin (dB)	Peak Limit (dBµV/m)	PK Margin (dB)	UNII Non-Restricted (dBµV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 1328.153	61.01	PK-U	29	-45.8	0	44.21	-	-	74	-29.79	-	-	222	118	H
	* 1328.594	44.66	ADR	29	-45.8	16	28.02	54	-25.98	-	-	-	-	222	118	H
4	* 1329.066	65.37	PK-U	29	-45.8	0	48.57	-	-	74	-25.43	-	-	204	157	V
	* 1328.713	48.08	ADR	29	-45.8	16	31.44	54	-22.56	-	-	-	-	204	157	V
2	* 7346.568	57.49	PK-U	35.7	-36.4	0	56.79	-	-	74	-17.21	-	-	170	113	H
	* 7346.557	54.21	ADR	35.7	-36.4	16	53.67	54	-33	-	-	-	-	170	113	H
3	* 8168.425	49.84	PK-U	35.9	-37.1	0	48.74	-	-	74	-25.26	-	-	5	231	H
	* 8168.411	38.73	ADR	35.8	-37.1	16	37.69	54	-16.31	-	-	-	-	5	231	H
5	* 7346.598	55.53	PK-U	35.7	-36.4	0	54.83	-	-	74	-19.17	-	-	214	218	V
	* 7346.598	51.57	ADR	35.7	-36.4	16	51.03	54	-2.97	-	-	-	-	214	218	V
6	16487.832	45.83	PK-U	40.9	-32.1	0	54.73	-	-	-	-	88.2	-13.47	33	226	V
	16484.751	34.98	ADR	40.8	-32.1	16	43.54	-	-	-	-	-	-	33	226	V

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

MID CHANNEL RESULTS



HORIZONTAL



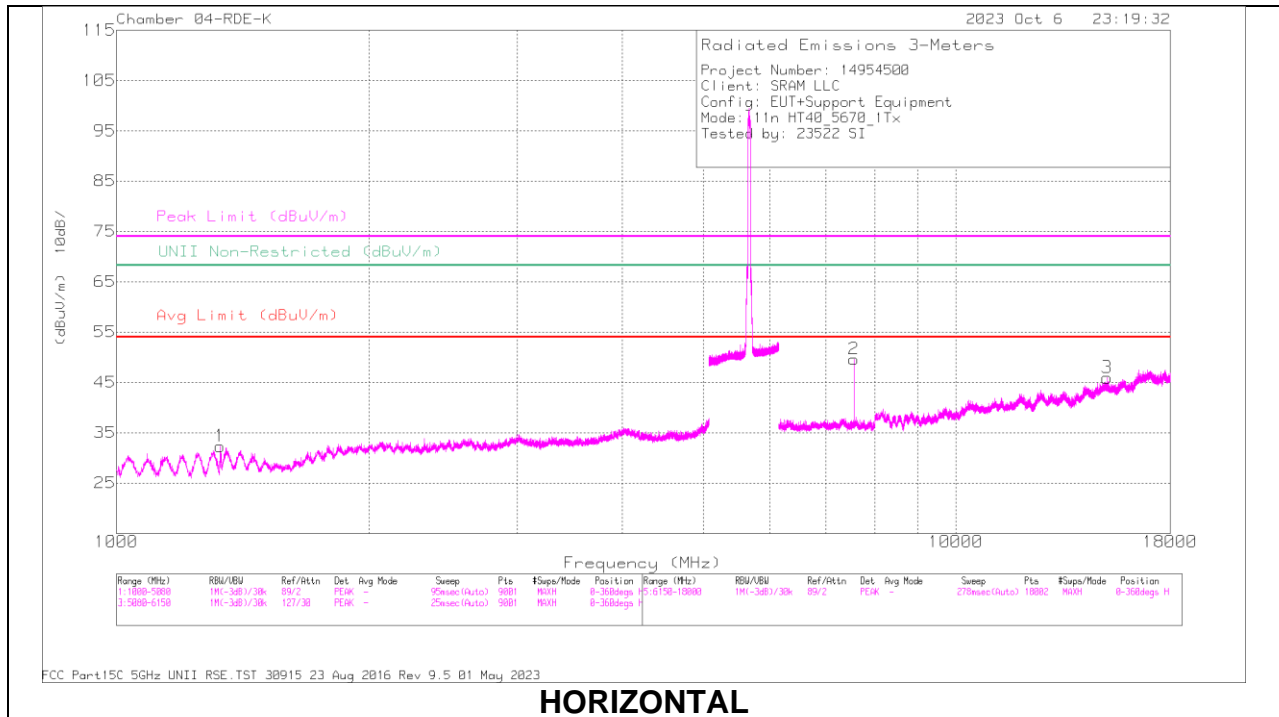
VERTICAL

RADIATED EMISSIONS

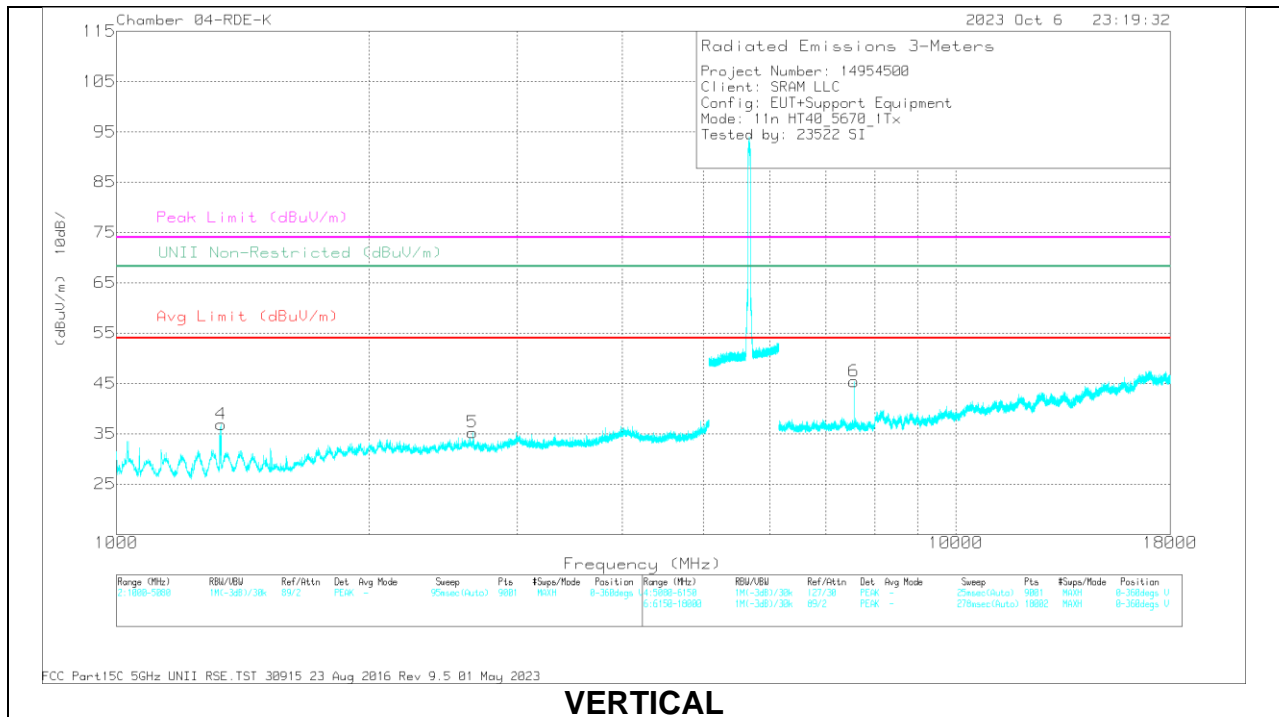
Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	223083 ACF 3m (dB/m)	Cbl/Amp (dB)	DCCF (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	1738.232	61.76	PK-U	29.5	-45.6	0	45.66	-	-	-	-	68.2	-22.54	240	394	H
	1736.834	46.48	ADR	29.5	-45.6	.16	30.54	-	-	-	-	-	-	240	394	H
4	* 1332.065	59.92	PK-U	29	-45.8	0	43.12	-	-	74	-30.88	-	-	248	369	V
	* 1331.626	44.75	ADR	29	-45.8	.16	28.11	54	-25.89	-	-	-	-	248	369	V
5	2098.845	56.44	PK-U	31.7	-44.9	0	43.24	-	-	-	-	68.2	-24.96	174	243	V
	2100.984	44.71	ADR	31.6	-44.9	.16	31.57	-	-	-	-	-	-	174	243	V
2	* 7399.907	55.94	PK-U	35.7	-37.3	0	54.34	-	-	74	-19.66	-	-	347	103	H
	* 7399.913	52.1	ADR	35.7	-37.3	.16	50.67	54	-3.34	-	-	-	-	347	103	H
3	10361.747	49.8	PK-U	37.7	-36.2	0	51.3	-	-	-	-	68.2	-16.9	30	110	H
	10358.454	37.35	ADR	37.7	-36.2	.16	39.01	-	-	-	-	-	-	30	110	H
6	* 7399.86	54.56	PK-U	35.7	-37.3	0	52.96	-	-	74	-21.04	-	-	304	231	V
	* 7400.047	49.84	ADR	35.7	-37.3	.16	48.4	54	-5.6	-	-	-	-	304	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

HIGH CHANNEL RESULTS



HORIZONTAL



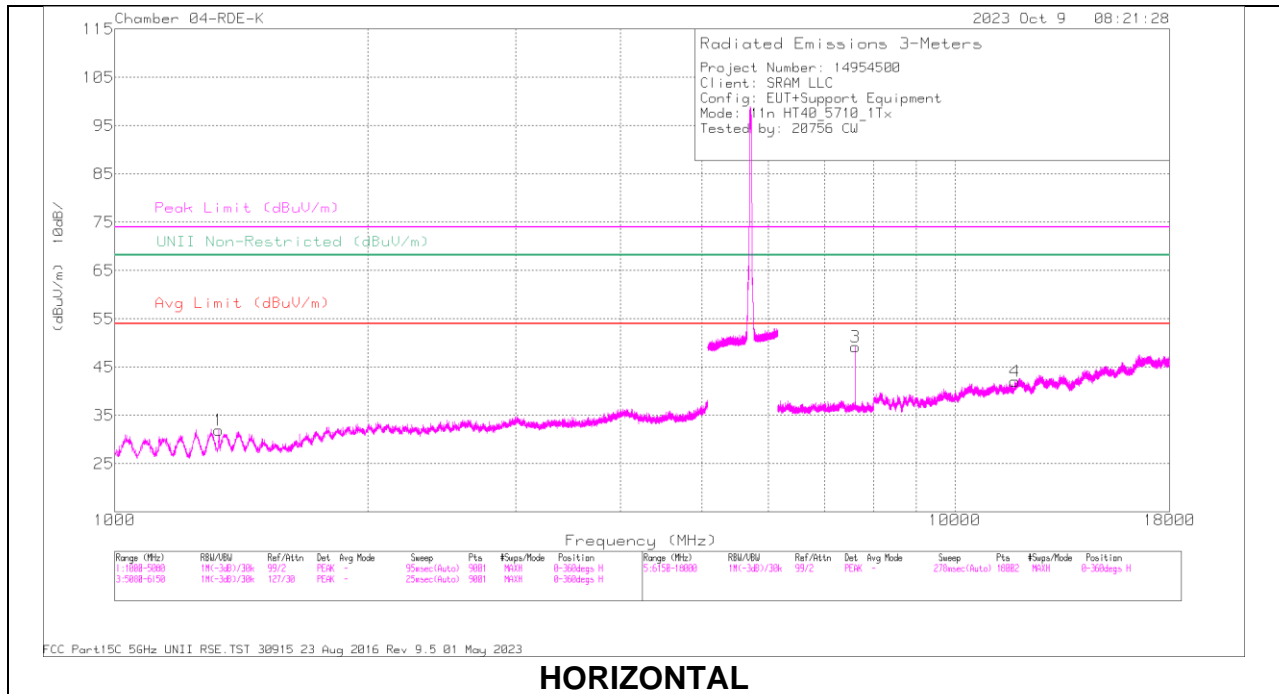
VERTICAL

RADIATED EMISSIONS

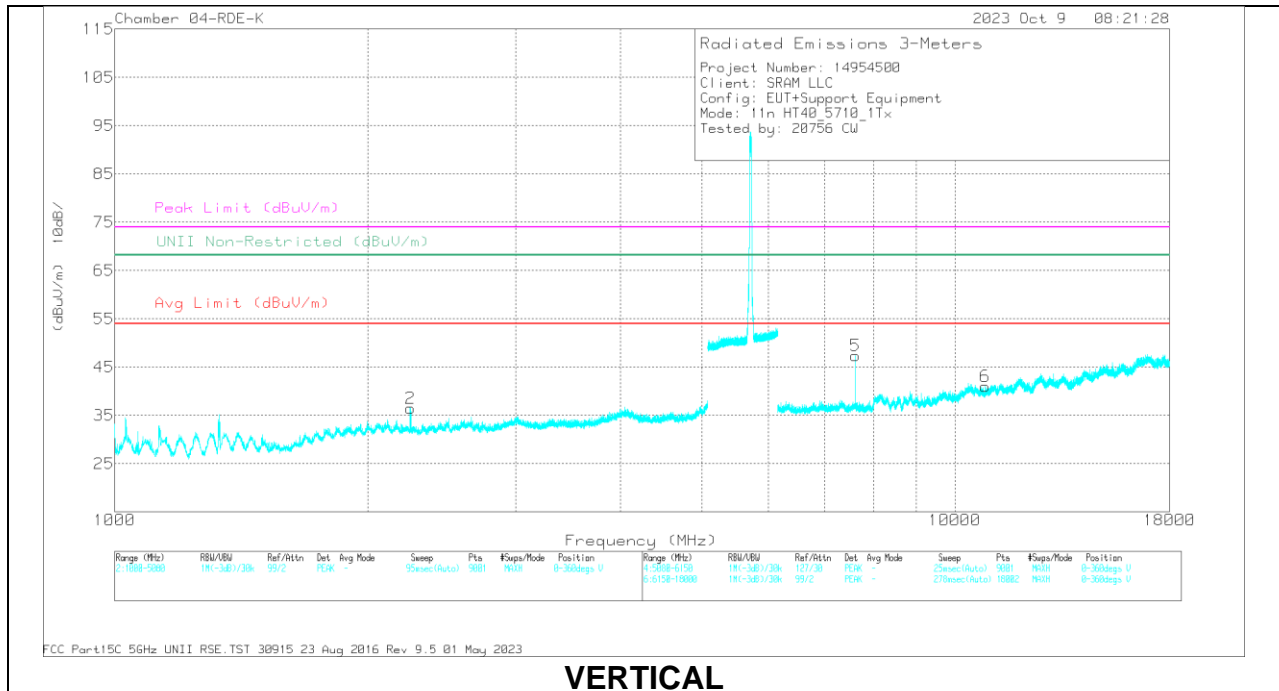
Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	223083 ACF 3m (dB/m)	Cbl/Amp (dB)	DCCF (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 1327.749	56.8	PK-U	29	-45.8	0	40	-	-	74	-34	-	-	342	284	H
	* 1328.268	43.54	ADR	29	-45.8	.16	26.90	54	-27.1	-	-	-	-	342	284	H
4	* 1332.986	59.23	PK-U	29	-45.8	0	42.43	-	-	74	-31.57	-	-	230	176	V
	* 1332.995	44.5	ADR	29	-45.8	.16	27.86	54	-26.14	-	-	-	-	230	176	V
5	* 2656.847	56.82	PK-U	32.3	-43	0	46.12	-	-	74	-27.88	-	-	349	362	V
	2594.979	43.17	ADR	32.2	-43.5	.16	32.03	-	-	-	-	-	-	349	362	V
2	* 7560.031	54.72	PK-U	35.7	-37	0	53.42	-	-	74	-20.58	-	-	13	105	H
	* 7559.952	50.63	ADR	35.7	-37	.16	49.49	54	-4.51	-	-	-	-	13	105	H
3	15140.791	46	PK-U	40.1	-32.5	0	53.6	-	-	-	-	68.2	-14.6	65	258	H
	15141.017	34.62	ADR	40.1	-32.5	.16	42.38	-	-	-	-	-	-	65	258	H
6	* 7559.867	53.47	PK-U	35.7	-37	0	52.17	-	-	74	-21.83	-	-	331	249	V
	* 7559.9	47.94	ADR	35.7	-37	.16	46.8	54	-7.2	-	-	-	-	331	249	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

CHANNEL 142 RESULTS



HORIZONTAL



VERTICAL

RADIATED EMISSIONS

Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	223083 ACF 3m (dB/m)	Cbl/Amp (dB)	DCCF (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 1332.122	61.59	PK-U	29	-45.8	0	44.79	-	-	74	-29.21	256	148	H
	* 1332.708	45.55	ADR	29	-45.8	.16	28.91	54	-25.09	-	-	256	148	H
2	* 2251.095	55.55	PK-U	31.4	-44.4	0	42.55	-	-	74	-31.45	288	313	V
	* 2247.599	43.93	ADR	31.4	-44.3	.16	31.19	54	-22.81	-	-	288	313	V
3	* 7613.163	55	PK-U	35.8	-37.2	0	53.6	-	-	74	-20.4	20	127	H
	* 7613.228	50.58	ADR	35.8	-37.2	.16	49.34	54	-4.66	-	-	20	127	H
4	* 11786.36	47.51	PK-U	38.3	-34.4	0	51.41	-	-	74	-22.59	94	183	H
	* 11786.519	35.75	ADR	38.3	-34.5	.16	39.71	54	-14.29	-	-	94	183	H
5	* 7613.288	53.93	PK-U	35.8	-37.2	0	52.53	-	-	74	-21.47	326	209	V
	* 7613.253	48.73	ADR	35.8	-37.2	.16	47.49	54	-6.51	-	-	326	209	V
6	* 10871.649	48.09	PK-U	38	-36.1	0	49.99	-	-	74	-24.01	302	333	V
	* 10871.981	37.03	ADR	38	-36.1	.16	39.09	54	-14.91	-	-	302	333	V

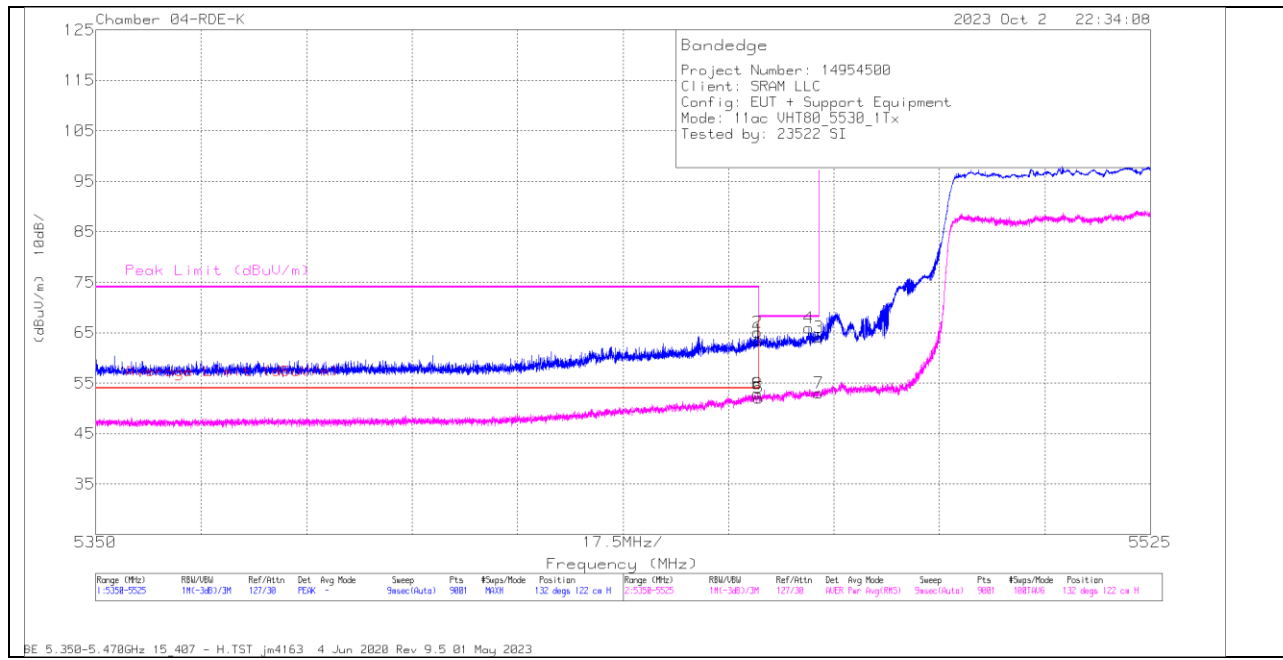
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band
 PK-U - U-NII: Maximum Peak
 ADR - U-NII AD primary method, RMS average

10.1.12. TX ABOVE 1 GHz 802.11ac VHT80 MODE IN THE 5.6 GHz BAND

1TX Antenna 1 MODE

BANDEDGE (LOW CHANNEL)

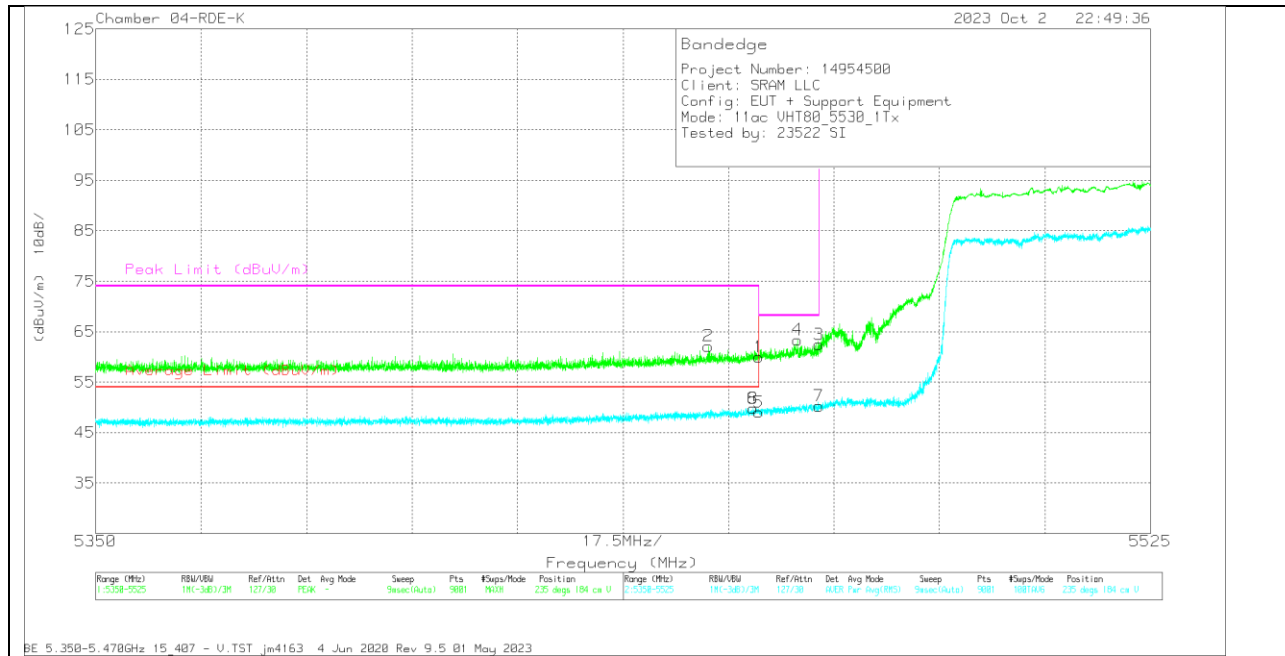
HORIZONTAL RESULT



Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	223083 ACF 3m (dBm)	Cbl/Amp (dB)	DCCF (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 5460	58.73	Pk	34.6	-29.8	0	63.53	-	-	68.2	-4.67	132	122	H
2	* 5459.82	60.31	Pk	34.6	-29.8	0	65.11	-	-	74	-8.89	132	122	H
3	5470	59.33	Pk	34.6	-29.9	0	64.03	-	-	68.2	-4.17	132	122	H
4	5483.356	61.17	Pk	34.6	-29.8	0	65.97	-	-	68.2	-2.23	132	122	H
5	* 5460	46.92	RMS	34.6	-29.8	.33	52.05	54	-1.95	-	-	132	122	H
6	* 5459.839	47.8	RMS	34.6	-29.8	.33	52.93	54	-1.07	-	-	132	122	H
7	5470	48.05	RMS	34.6	-29.9	.33	53.08	-	-	-	-	132	122	H
8	* 5459.839	47.8	RMS	34.6	-29.8	.33	52.93	54	-1.07	-	-	132	122	H

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

VERTICAL RESULT

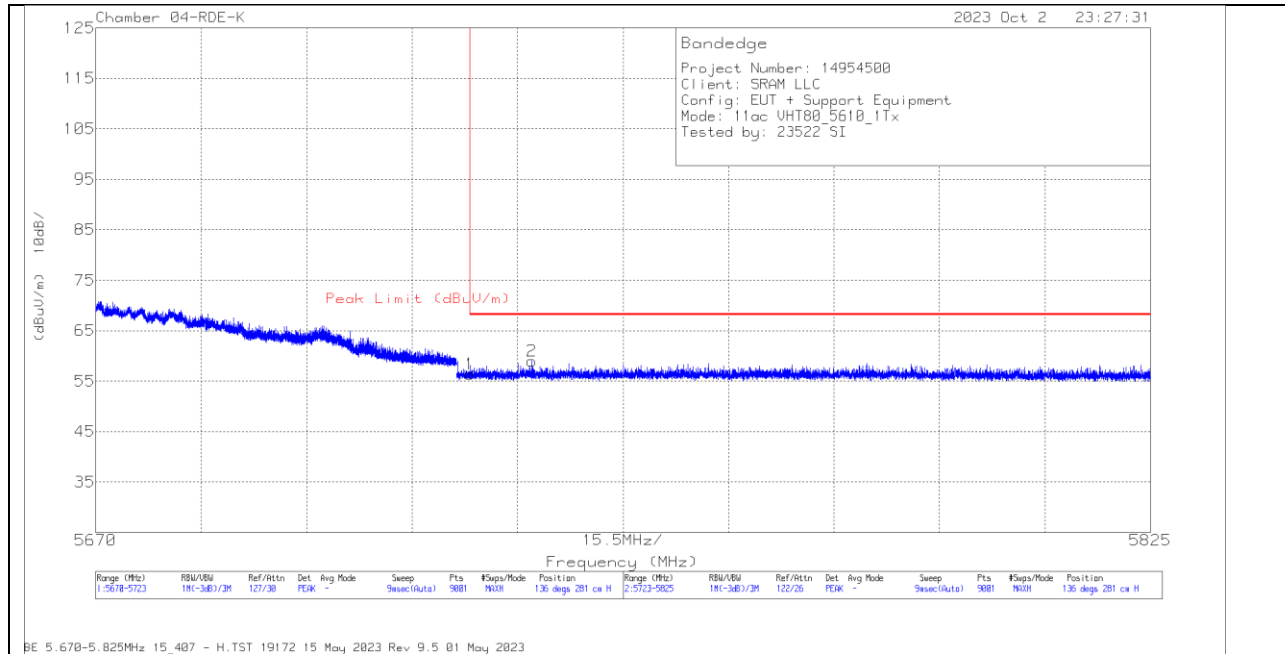


Marker	Frequency (MHz)	Meter Reading (dBu)	Det	223083 ACF 3m (dBm)	CBI/Amp (dB)	DCCF (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 5460	55.13	Pk	34.6	-29.8	0	59.93	-	-	68.2	-8.27	235	184	V
2	* 5451.634	57.45	Pk	34.6	-29.9	0	62.15	-	-	74	-11.85	235	184	V
3	5470	57.72	Pk	34.6	-29.9	0	62.42	-	-	68.2	-5.78	235	184	V
4	5466.431	58.59	Pk	34.6	-29.8	0	63.39	-	-	68.2	-4.81	235	184	V
5	* 5460	43.89	RMS	34.6	-29.8	.33	49.02	54	-4.98	-	-	235	184	V
6	* 5459.1	44.81	RMS	34.6	-29.9	.33	49.84	54	-4.16	-	-	235	184	V
7	5470	45.21	RMS	34.6	-29.9	.33	50.24	-	-	-	-	235	184	V
8	* 5459.1	44.81	RMS	34.6	-29.9	.33	49.84	54	-4.16	-	-	235	184	V

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

BANEDGE (HIGH CHANNEL)

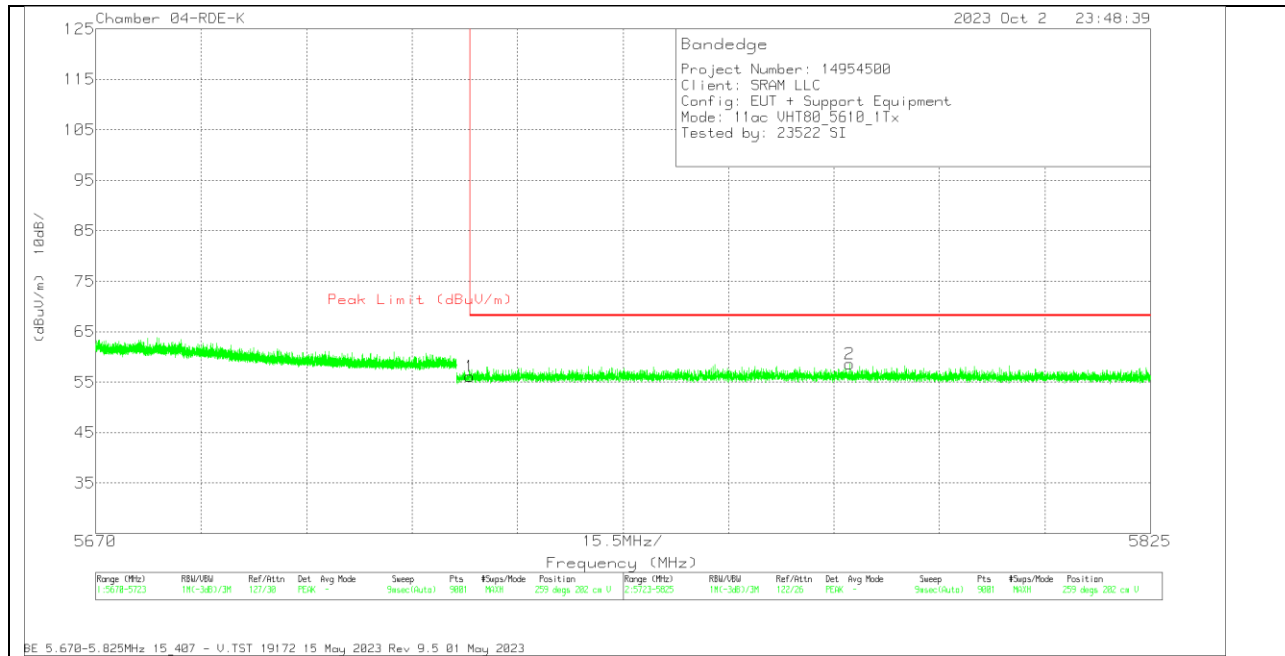
HORIZONTAL RESULT



Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	223083 ACF 3m (dB/m)	Cb/Amp (dB)	Corrected Reading (dBuV/m)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5725	51.06	Pk	34.7	-29.4	56.36	68.2	-11.84	136	281	H
2	5734.129	53.53	Pk	34.7	-29.2	59.03	68.2	-9.17	136	281	H

Pk - Peak detector

VERTICAL RESULT

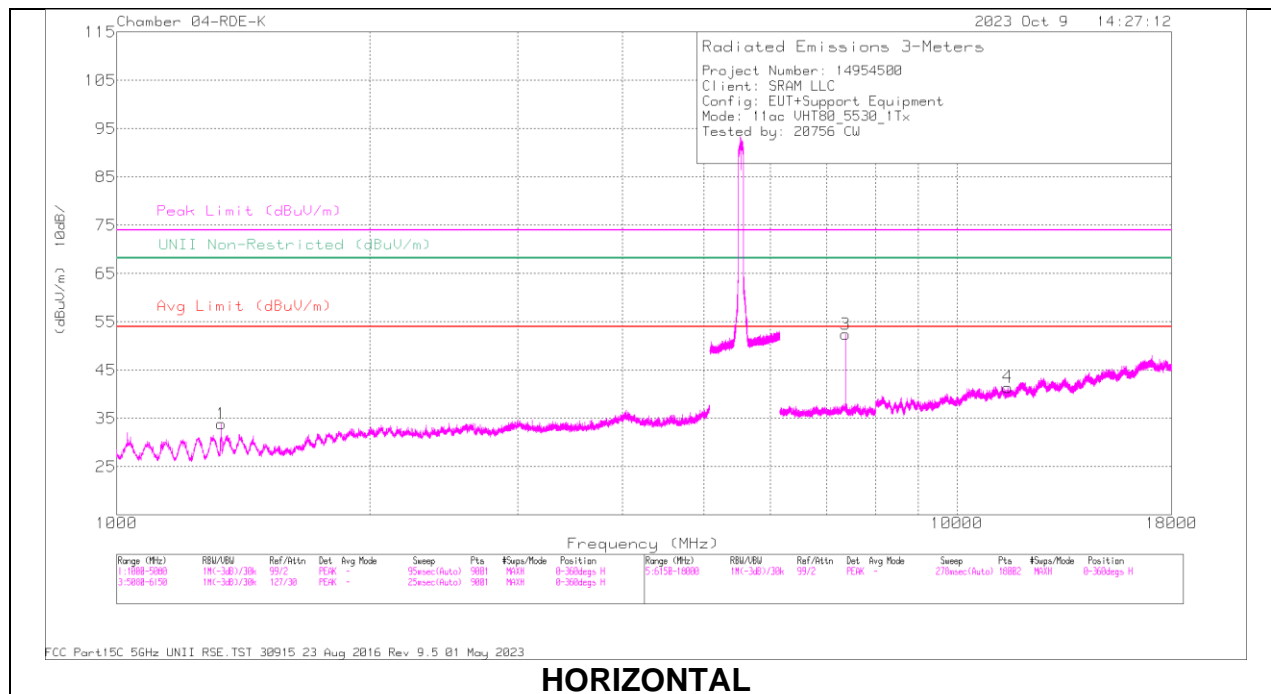


Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	223083 ACF 3m (dB/m)	Cbl/Amp (dB)	Corrected Reading (dBuV/m)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5725	50.77	Pk	34.7	-29.4	56.07	68.2	-12.13	259	202	V
2	5780.764	53.14	Pk	34.8	-29.3	58.64	68.2	-9.56	259	202	V

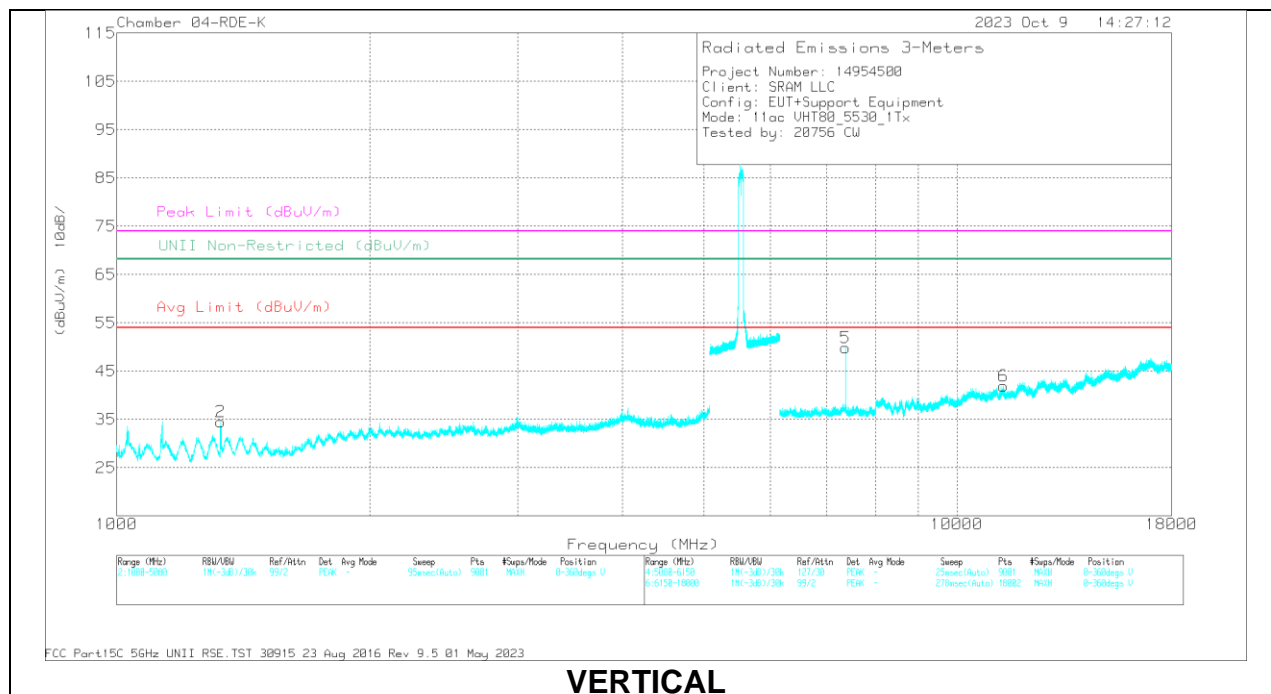
Pk - Peak detector

HARMONICS AND SPURIOUS EMISSIONS

LOW CHANNEL RESULTS



HORIZONTAL



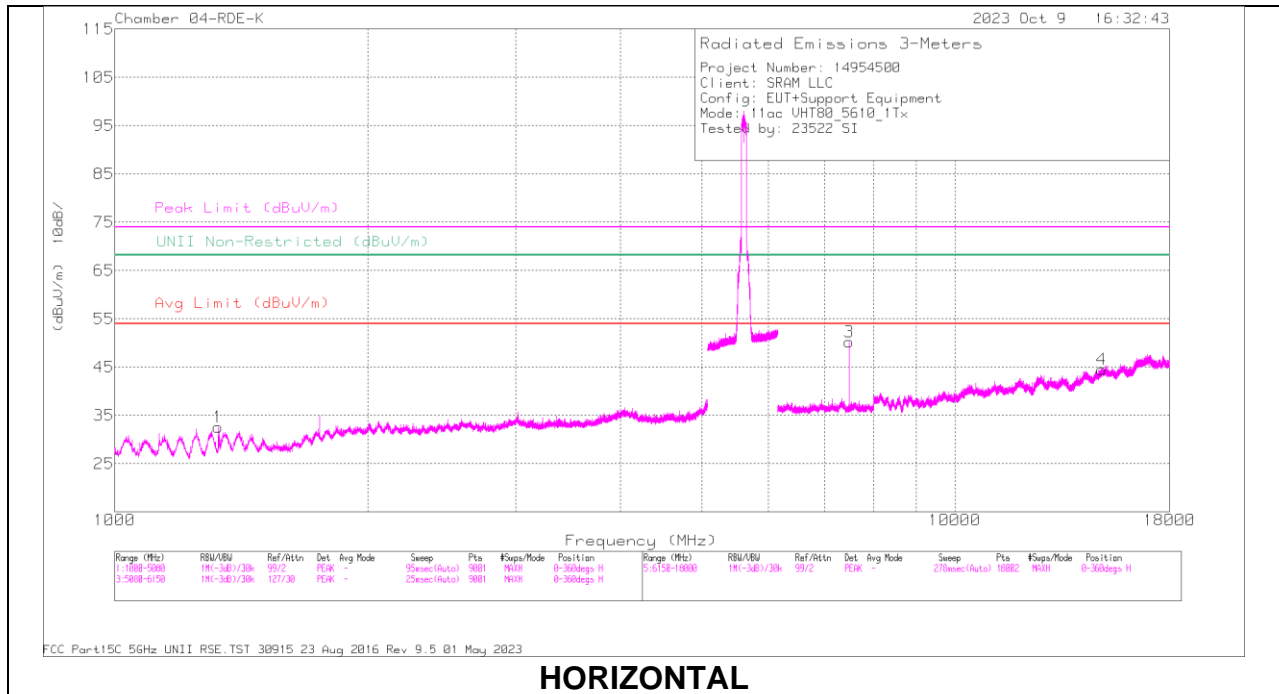
VERTICAL

RADIATED EMISSIONS

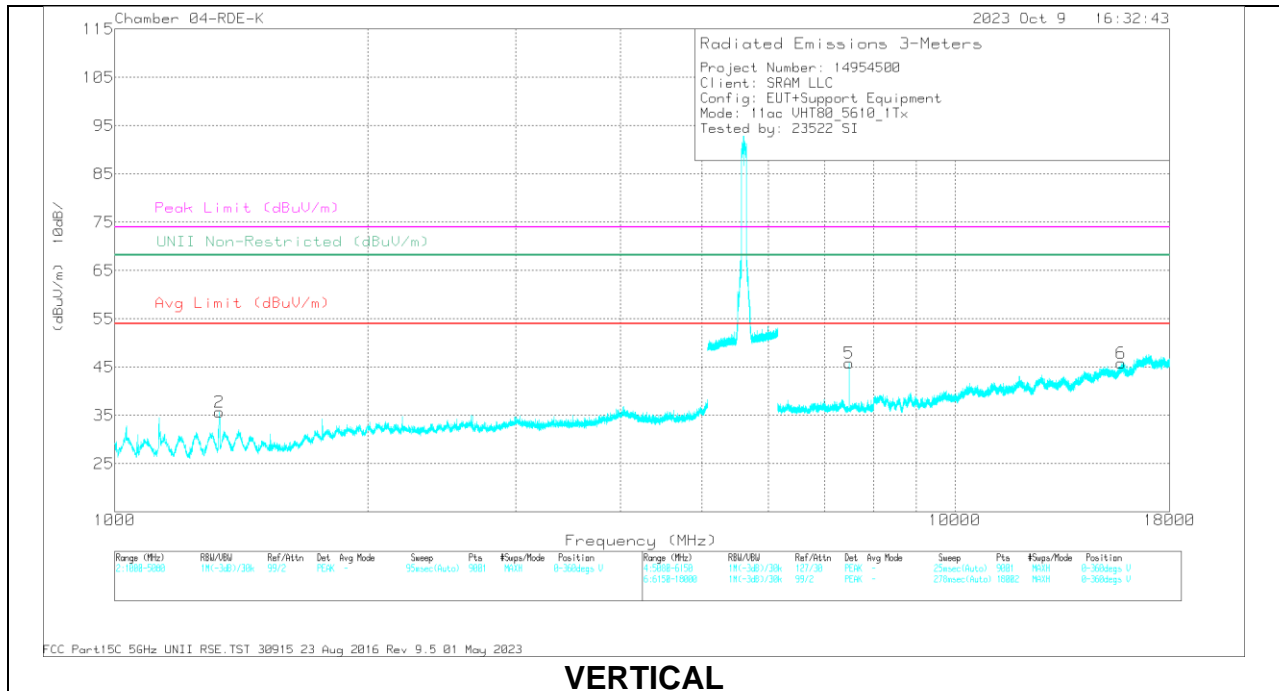
Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	223083 ACF 3m (dB/m)	Cbl/Amp (dB)	DCCF (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 1330.016	61.85	PK-U	29	-45.8	0	45.05	-	-	74	-28.95	257	104	H
	* 1331.36	45.9	ADR	29	-45.8	.33	29.43	54	-24.57	-	-	257	104	H
2	* 1328.015	61.79	PK-U	29	-45.8	0	44.99	-	-	74	-29.01	205	238	V
	* 1328.613	45.32	ADR	29	-45.8	.33	28.85	54	-25.15	-	-	205	238	V
3	* 7373.205	56.5	PK-U	35.7	-36.7	0	55.5	-	-	74	-18.5	26	109	H
	* 7373.252	53.04	ADR	35.7	-36.7	.33	52.37	54	-1.63	-	-	26	109	H
4	* 11504.21	48	PK-U	37.9	-35.3	0	50.6	-	-	74	-23.4	220	229	H
	* 11504.394	36.16	ADR	37.9	-35.3	.33	39.09	54	-14.91	-	-	220	229	H
5	* 7373.259	56.24	PK-U	35.7	-36.7	0	55.24	-	-	74	-18.76	312	231	V
	* 7373.251	52.71	ADR	35.7	-36.7	.33	52.04	54	-1.96	-	-	312	231	V
6	* 11354.454	47.97	PK-U	37.8	-35.2	0	50.57	-	-	74	-23.43	71	127	V
	* 11354.632	36.16	ADR	37.8	-35.2	.33	39.09	54	-14.91	-	-	71	127	V

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

HIGH CHANNEL RESULTS



HORIZONTAL



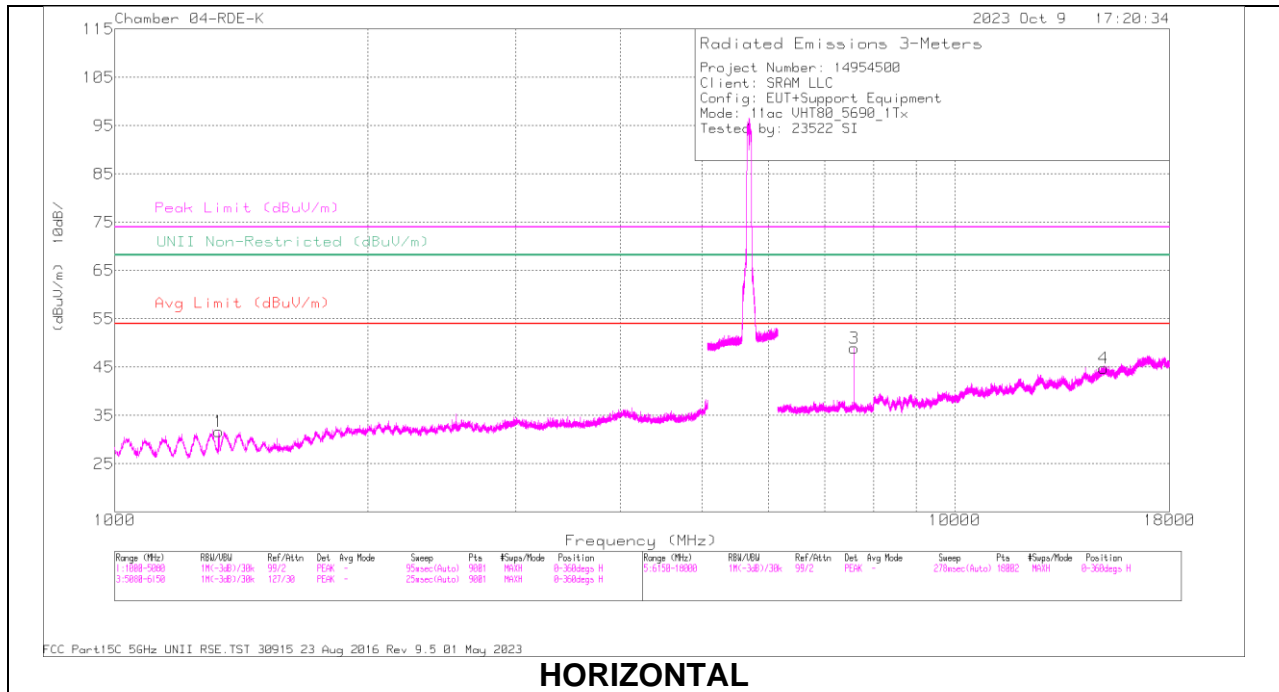
VERTICAL

RADIATED EMISSIONS

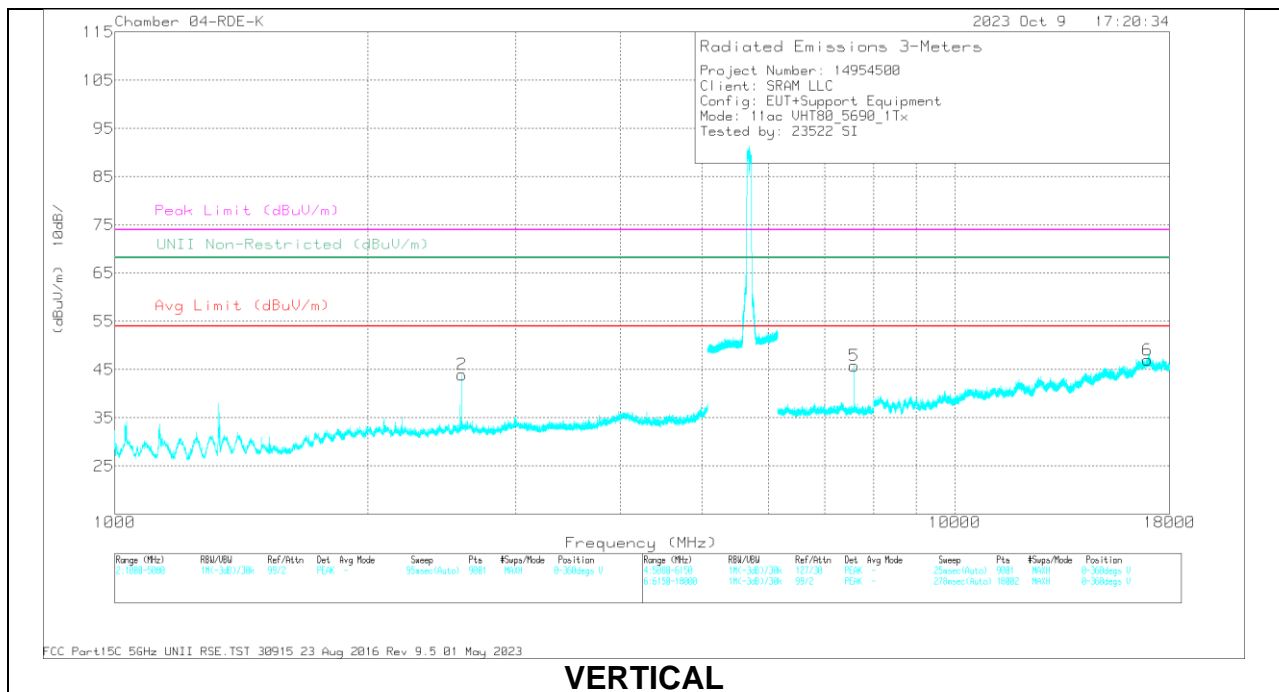
Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	223083 ACF 3m (dB/m)	Cbl/Amp (dB)	DCCF (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 1328.545	60.88	PK-U	29	-45.8	0	44.08	-	-	74	-29.92	-	-	153	118	H
	* 1328.151	45.07	ADR	29	-45.8	.33	28.6	54	-25.4	-	-	-	-	153	118	H
2	* 1333.079	65.36	PK-U	29	-45.8	0	48.56	-	-	74	-25.44	-	-	199	179	V
	* 1331.003	48.43	ADR	29	-45.8	.33	31.96	54	-22.04	-	-	-	-	199	179	V
3	* 7480.11	55.09	PK-U	35.7	-37.4	0	53.39	-	-	74	-20.61	-	-	20	135	H
	* 7479.889	50.9	ADR	35.7	-37.4	.33	49.53	54	-4.47	-	-	-	-	20	135	H
4	14940.086	46.81	PK-U	40.1	-33.4	0	53.51	-	-	-	-	68.2	-14.69	341	159	H
	14941.61	35.43	ADR	40.1	-33.4	.33	42.46	-	-	-	-	-	-	341	159	H
5	* 7479.971	54.26	PK-U	35.7	-37.4	0	52.56	-	-	74	-21.44	-	-	339	360	V
	* 7479.941	49.25	ADR	35.7	-37.4	.33	47.88	54	-6.12	-	-	-	-	339	360	V
6	* 15780.924	46.93	PK-U	40.2	-32.7	0	54.43	-	-	74	-19.57	-	-	168	386	V
	* 15783.408	35.59	ADR	40.2	-32.8	.33	43.32	54	-10.68	-	-	-	-	168	386	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

CHANNEL 138 RESULTS



HORIZONTAL



VERTICAL

RADIATED EMISSIONS

Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	223083 ACF 3m (dB/m)	Cbl/Amp (dB)	DCCF (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	* 1330.613	62.64	PK-U	29	-45.8	0	45.84	-	-	74	-28.16	-	-	254	132	H
	* 1328.836	46	ADR	29	-45.8	.33	29.53	54	-24.47	-	-	-	-	254	132	H
2	2588.062	55.05	PK-U	32.2	-43.5	0	43.75	-	-	-	-	68.2	-24.45	336	300	V
	2589.215	43.7	ADR	32.2	-43.5	.33	32.73	-	-	-	-	-	-	336	300	V
3	* 7586.468	54.77	PK-U	35.8	-37	0	53.57	-	-	74	-20.43	-	-	20	126	H
	* 7586.53	49.9	ADR	35.8	-37.1	.33	48.93	54	-5.07	-	-	-	-	20	126	H
4	15034.331	47.33	PK-U	40.1	-33.5	0	53.93	-	-	-	-	68.2	-14.27	29	139	H
	15032.39	35.69	ADR	40.1	-33.5	.33	42.62	-	-	-	-	-	-	29	139	H
5	* 7586.64	52.37	PK-U	35.8	-37.1	0	51.07	-	-	74	-22.93	-	-	358	273	V
	* 7586.604	45.53	ADR	35.8	-37.1	.33	44.56	54	-9.44	-	-	-	-	358	273	V
6	16948.208	46.01	PK-U	41.7	-31.9	0	55.81	-	-	-	-	68.2	-12.39	24	195	V
	16949.595	34.48	ADR	41.7	-32	.33	44.51	-	-	-	-	-	-	24	195	V

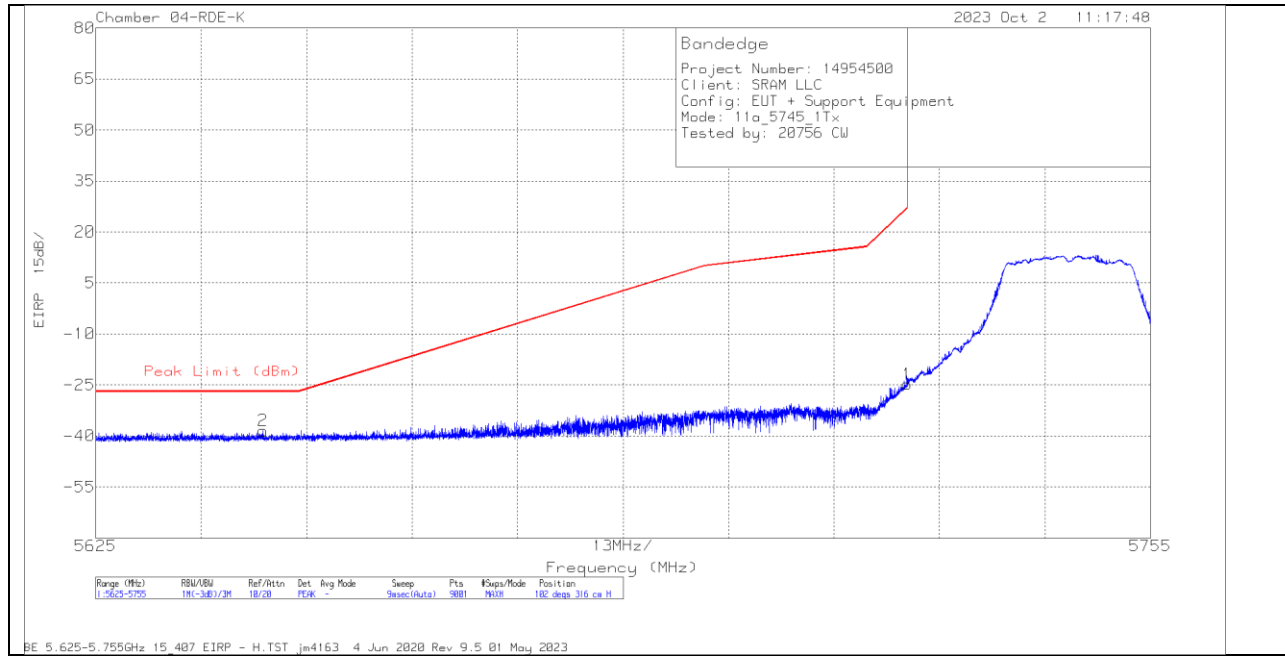
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band
 PK-U - U-NII: Maximum Peak
 ADR - U-NII AD primary method, RMS average

10.1.13. TX ABOVE 1 GHz 802.11a MODE IN THE 5.8 GHz BAND

1TX Antenna 1 MODE

BANDEDGE (LOW CHANNEL)

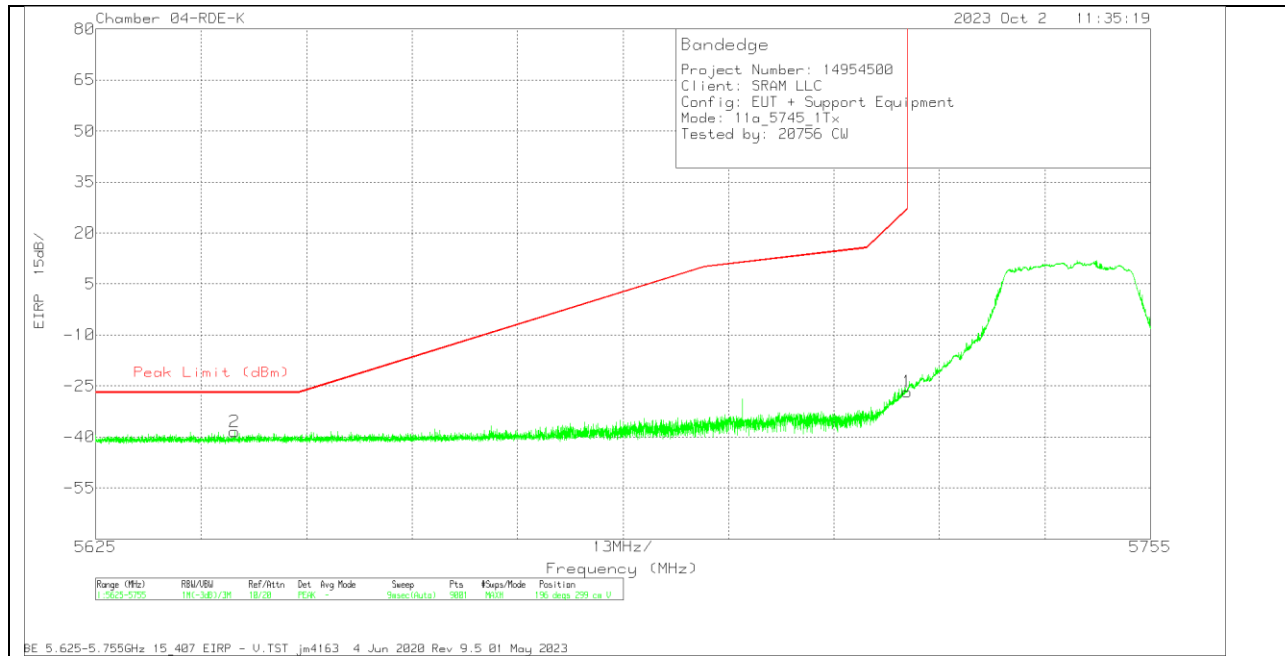
HORIZONTAL RESULT



Marker	Frequency (MHz)	Meter Reading (dBm)	Det	223083 ACF 3m (dB/m)	Cbl/Amp (dB)	Conversion Factor (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5725	-41.87	Pk	34.7	-29.4	11.8	-24.77	27	-51.77	102	316	H
2	5645.612	-55.49	Pk	34.6	-29.4	11.8	-38.49	-27	-11.49	102	316	H

Pk - Peak detector

VERTICAL RESULT

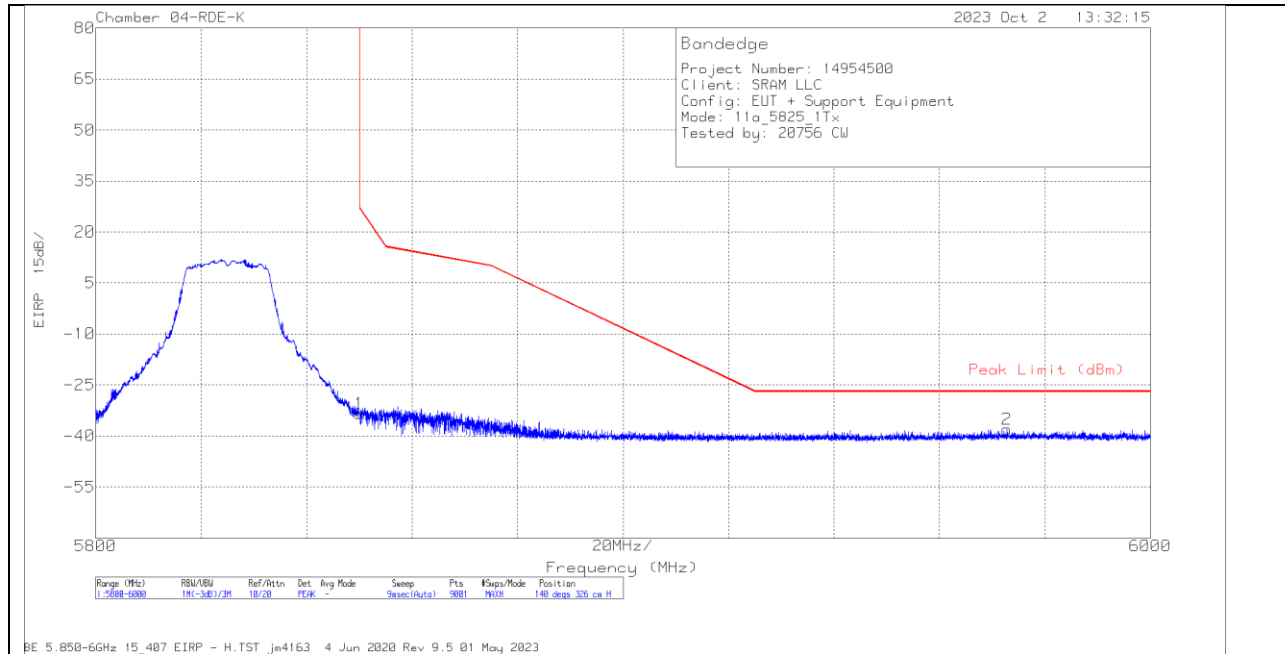


Marker	Frequency (MHz)	Meter Reading (dBm)	Det	223083 ACF 3m (dB/m)	Cbl/Amp (dB)	Conversion Factor (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5725	-43.81	Pk	34.7	-29.4	11.8	-26.71	27	-53.71	196	299	V
2	5642.102	-55.32	Pk	34.6	-29.5	11.8	-38.42	-27	-11.42	196	299	V

Pk - Peak detector

BANDEDGE (HIGH CHANNEL)

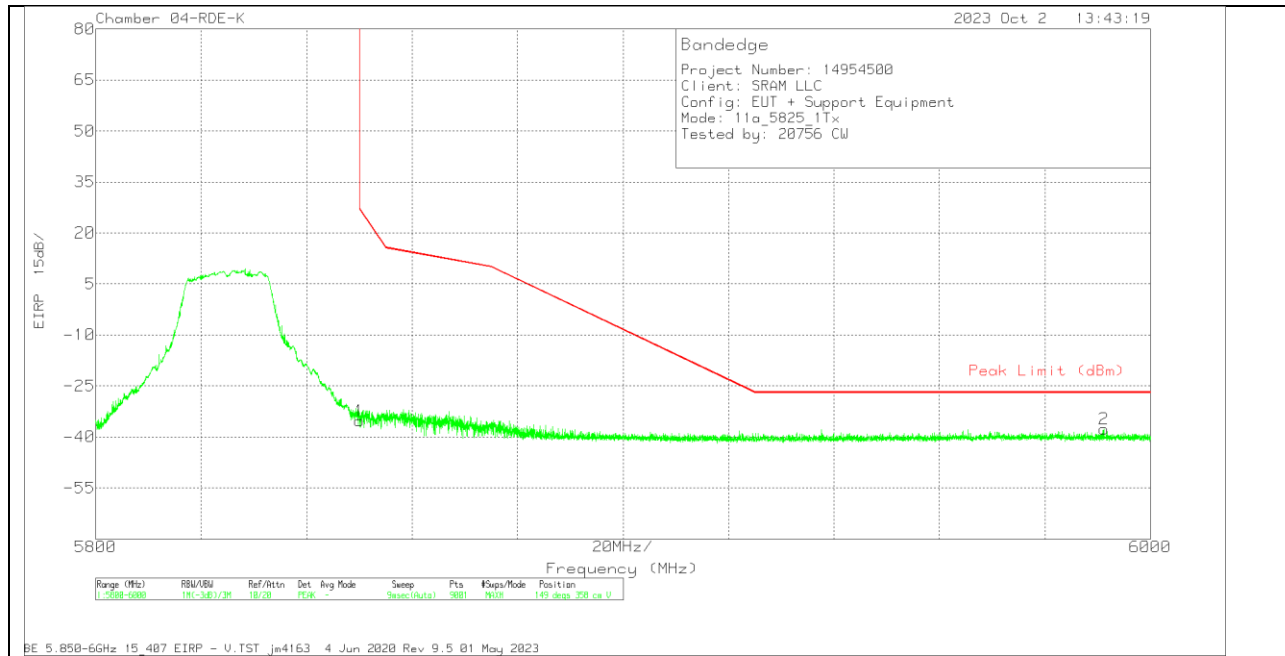
HORIZONTAL RESULT



Marker	Frequency (MHz)	Meter Reading (dBm)	Det	223083 ACF 3m (dB/m)	Cb/Amp (dB)	Conversion Factor (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5850	-50.75	Pk	34.8	-29.2	11.8	-33.35	27	-60.35	140	326	H
2	5972.798	-55.92	Pk	35	-29	11.8	-38.12	-27	-11.12	140	326	H

Pk - Peak detector

VERTICAL RESULT

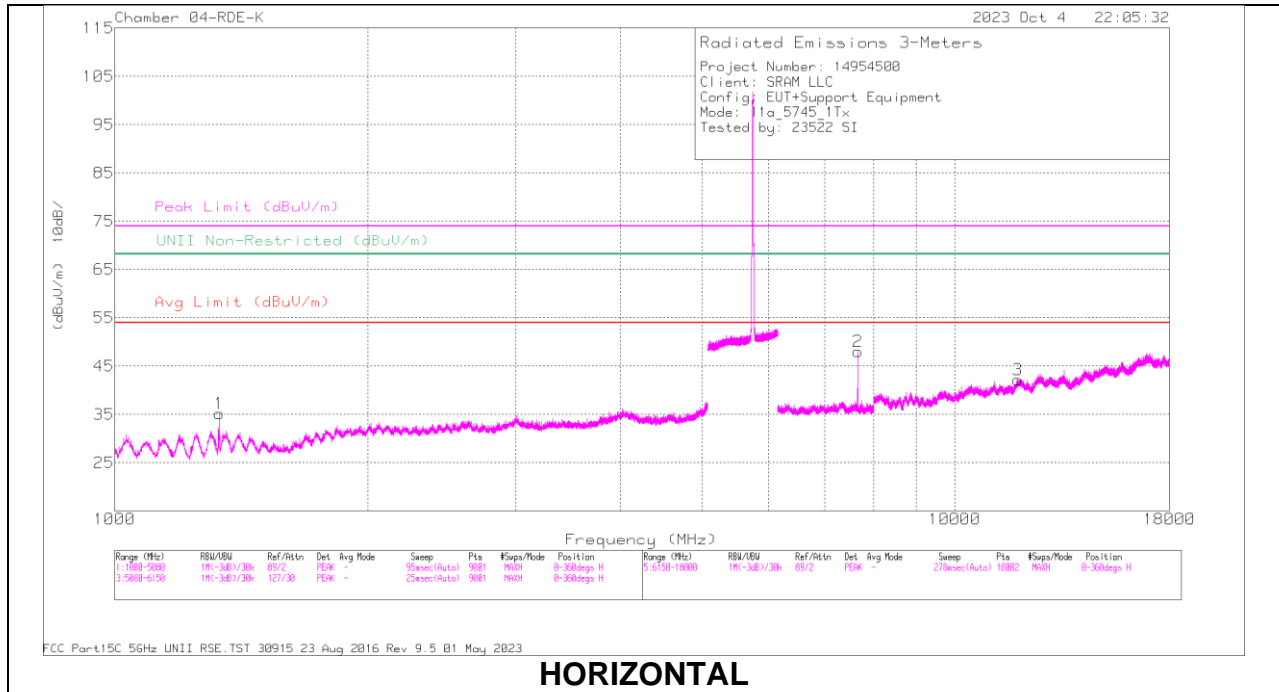


Marker	Frequency (MHz)	Meter Reading (dBm)	Det	223083 ACF 3m (dB/m)	Cbl/Amp (dB)	Conversion Factor (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5850	-52.74	Pk	34.8	-29.2	11.8	-35.34	27	-62.34	149	358	V
2	5991.154	-55.47	Pk	35	-29	11.8	-37.67	-27	-10.67	149	358	V

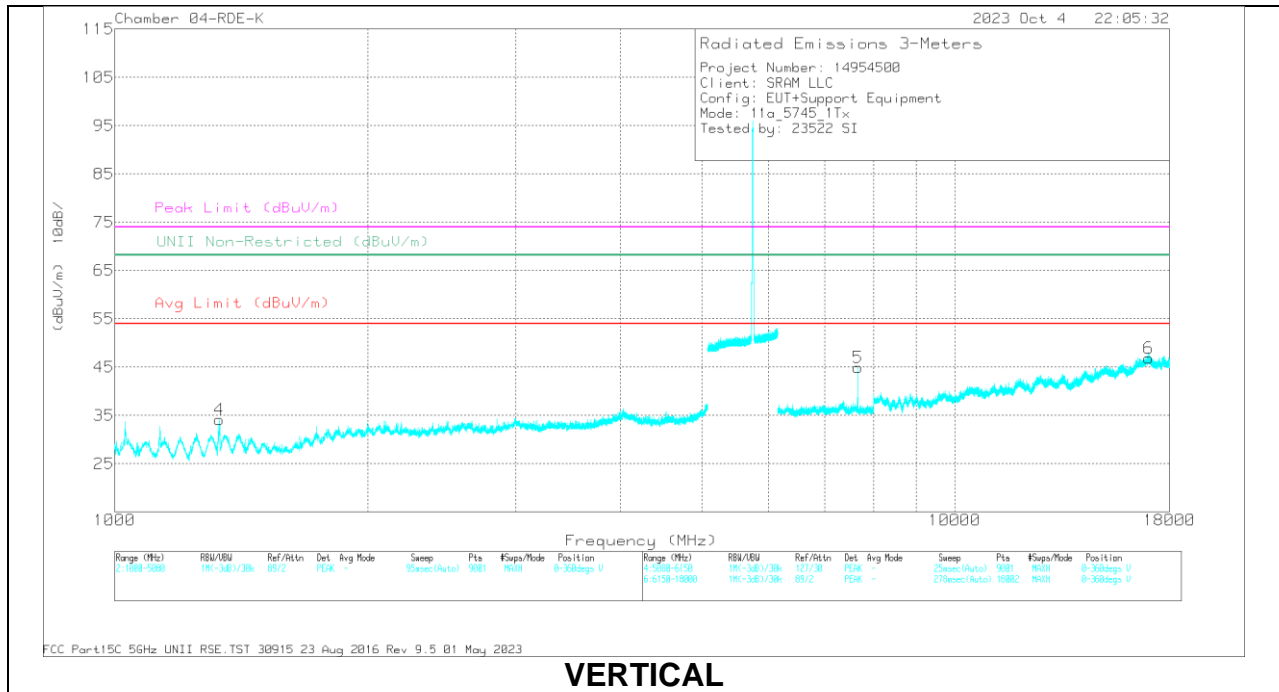
Pk - Peak detector

HARMONICS AND SPURIOUS EMISSIONS

LOW CHANNEL RESULTS



HORIZONTAL



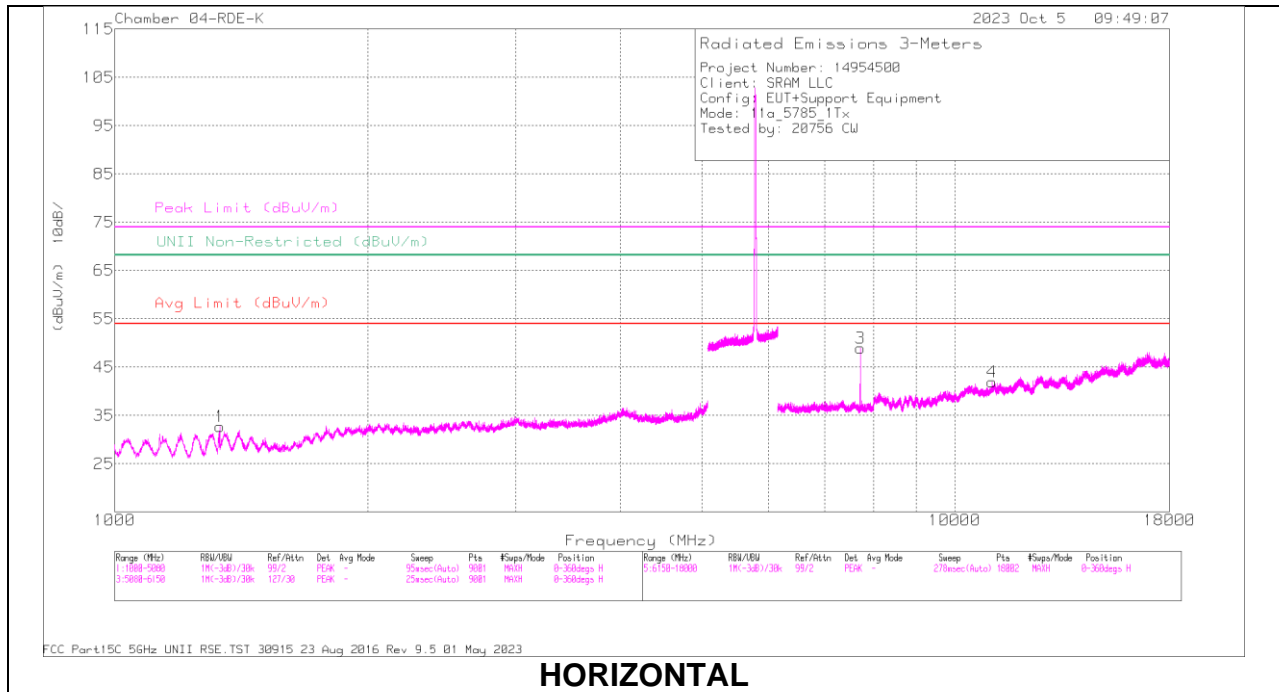
VERTICAL

RADIATED EMISSIONS

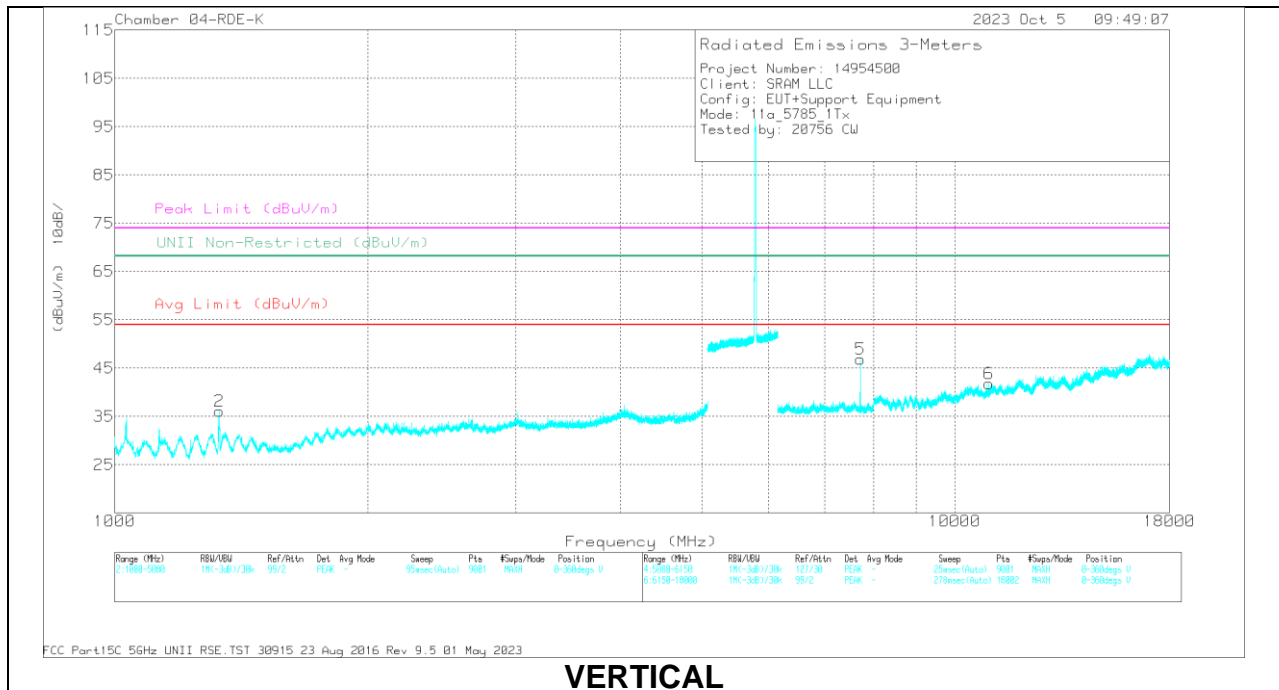
Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	223083 ACF 3m (dB/m)	Cbl/Amp (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 1331.879	59.89	PK-U	29	-45.8	43.09	-	-	74	-30.91	-	-	264	362	H
	* 1332.036	44.36	ADR	29	-45.8	27.56	54	-26.44	-	-	-	-	264	362	H
4	* 1332.087	61	PK-U	29	-45.8	44.2	-	-	74	-29.8	-	-	341	284	V
	* 1331.589	44.98	ADR	29	-45.8	28.18	54	-25.82	-	-	-	-	341	284	V
2	* 7659.948	54.6	PK-U	35.8	-37.5	52.9	-	-	74	-21.1	-	-	15	120	H
	* 7659.96	49.6	ADR	35.8	-37.5	47.9	54	-6.1	-	-	-	-	15	120	H
3	* 11875.537	46.73	PK-U	38.4	-34.4	50.73	-	-	74	-23.27	-	-	360	211	H
	* 11874.082	35.44	ADR	38.4	-34.5	39.34	54	-14.66	-	-	-	-	360	211	H
5	* 7659.982	53.18	PK-U	35.8	-37.5	51.48	-	-	74	-22.52	-	-	8	267	V
	* 7659.899	47.58	ADR	35.8	-37.5	45.88	54	-8.12	-	-	-	-	8	267	V
6	17013.291	45.81	PK-U	41.6	-31.9	55.51	-	-	-	-	68.2	-12.69	311	138	V
	17015.6	34.17	ADR	41.6	-31.8	43.97	-	-	-	-	-	-	311	138	V

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

MID CHANNEL RESULTS



HORIZONTAL



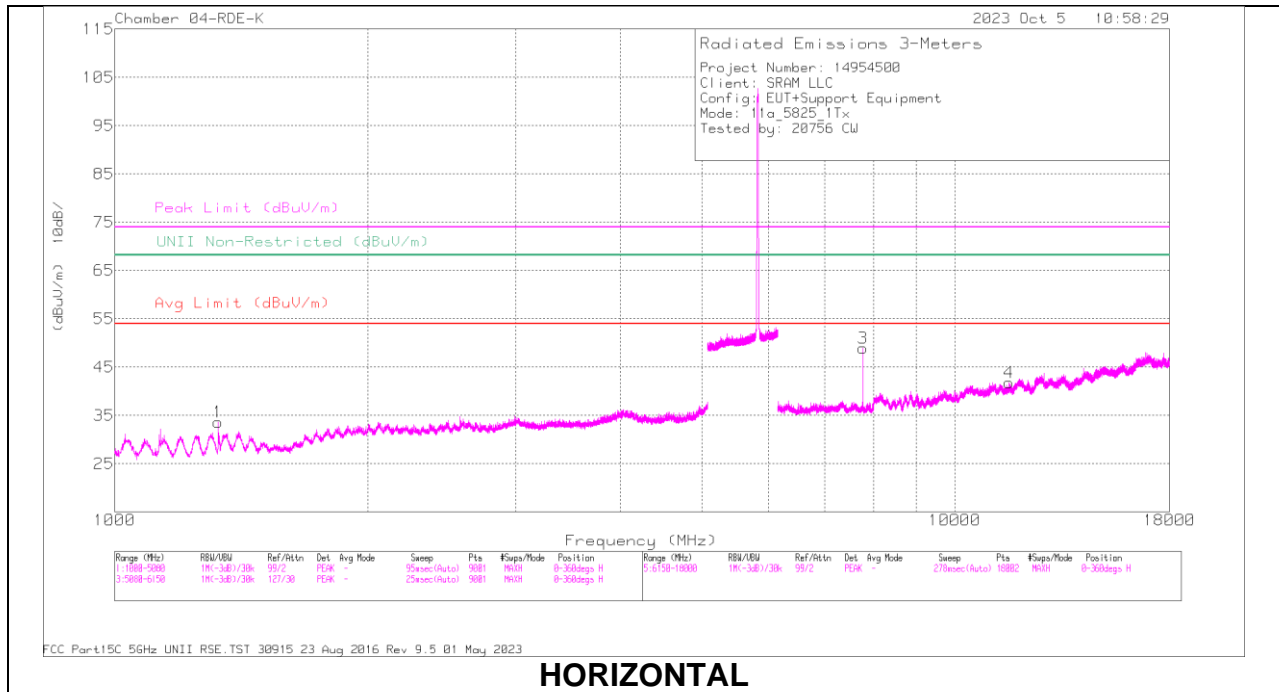
VERTICAL

RADIATED EMISSIONS

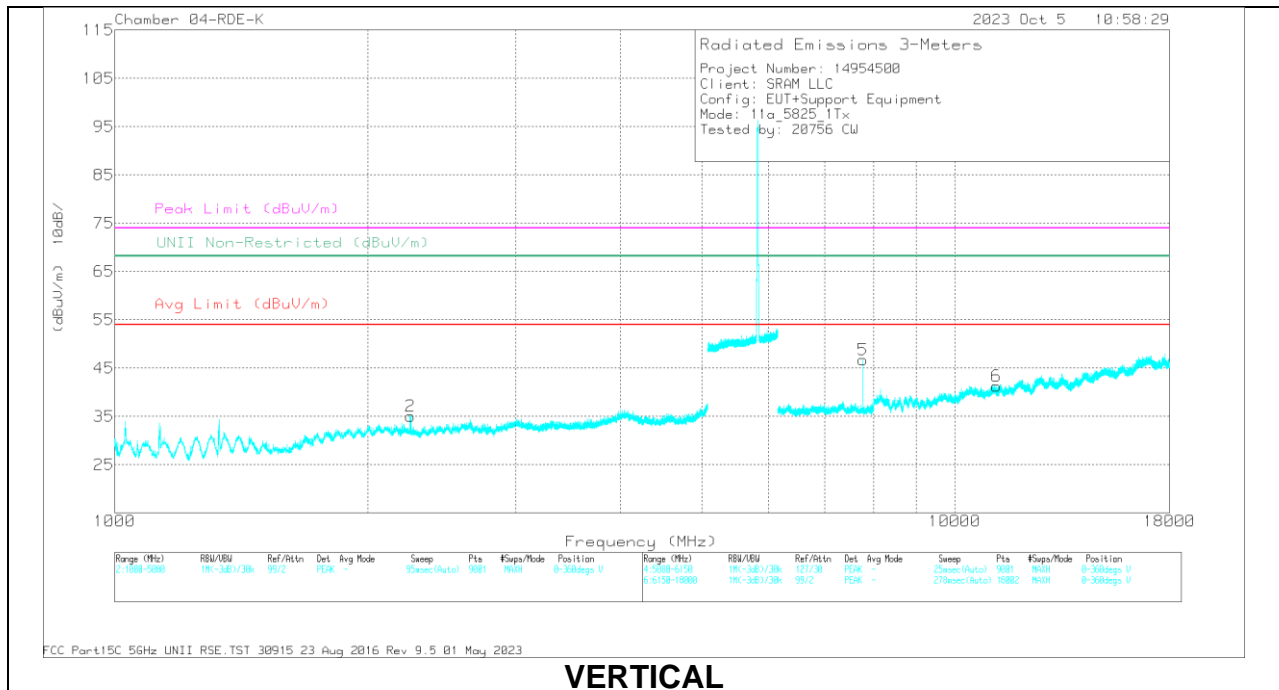
Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	223083 ACF 3m (dB/m)	Cbl/Amp (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 1333.342	62.47	PK-U	29	-45.8	45.67	-	-	74	-28.33	-	-	253	105	H
	* 1333.27	45.72	ADR	29	-45.8	28.92	54	-25.08	-	-	-	-	253	105	H
2	* 1331.939	63.83	PK-U	29	-45.8	47.03	-	-	74	-26.97	-	-	209	111	V
	* 1331.361	47.8	ADR	29	-45.8	31	54	-23	-	-	-	-	209	111	V
3	* 7713.16	54.05	PK-U	35.8	-37.4	52.45	-	-	74	-21.55	-	-	0	106	H
	* 7713.187	49.28	ADR	35.8	-37.4	47.68	54	-6.32	-	-	-	-	0	106	H
4	* 11075.797	49.82	PK-U	38	-36	51.82	-	-	74	-22.18	-	-	203	162	H
	* 11075.424	37.17	ADR	38	-36	39.17	54	-14.83	-	-	-	-	203	162	H
5	* 7713.117	53.99	PK-U	35.8	-37.4	52.39	-	-	74	-21.61	-	-	313	196	V
	* 7713.312	49.34	ADR	35.8	-37.4	47.74	54	-6.26	-	-	-	-	313	196	V
6	* 10968.454	48.33	PK-U	38	-36.2	50.13	-	-	74	-23.87	-	-	20	365	V
	* 10968.475	36.45	ADR	38	-36.2	38.25	54	-15.75	-	-	-	-	20	365	V

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

HIGH CHANNEL RESULTS



HORIZONTAL



VERTICAL

RADIATED EMISSIONS

Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	223083 ACF 3m (dB/m)	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	* 1331.471	61.58	PK-U	29	-45.8	44.78	-	-	74	-29.22	-	-	257	231	H
	* 1331.331	45.93	ADR	29	-45.8	29.13	54	-24.87	-	-	-	-	257	231	H
2	* 2251.811	54.88	PK-U	31.4	-44.5	41.78	-	-	74	-32.22	-	-	321	278	V
	* 2249.991	43.9	ADR	31.4	-44.4	30.9	54	-23.1	-	-	-	-	321	278	V
3	7766.653	54.3	PK-U	35.8	-37.3	52.8	-	-	-	-	68.2	-15.4	4	110	H
	7766.575	49.79	ADR	35.8	-37.3	48.29	-	-	-	-	-	-	4	110	H
4	* 11592.052	47.37	PK-U	38	-34.9	50.47	-	-	74	-23.53	-	-	322	267	H
	* 11591.829	36.12	ADR	38	-34.9	39.22	54	-14.78	-	-	-	-	322	267	H
5	7766.478	53.83	PK-U	35.8	-37.3	52.33	-	-	-	-	68.2	-15.87	321	237	V
	7766.566	48.94	ADR	35.8	-37.3	47.44	-	-	-	-	-	-	321	237	V
6	* 11208.017	48.24	PK-U	37.9	-35.5	50.64	-	-	74	-23.36	-	-	43	180	V
	* 11208.166	36.76	ADR	37.9	-35.5	39.16	54	-14.84	-	-	-	-	43	180	V

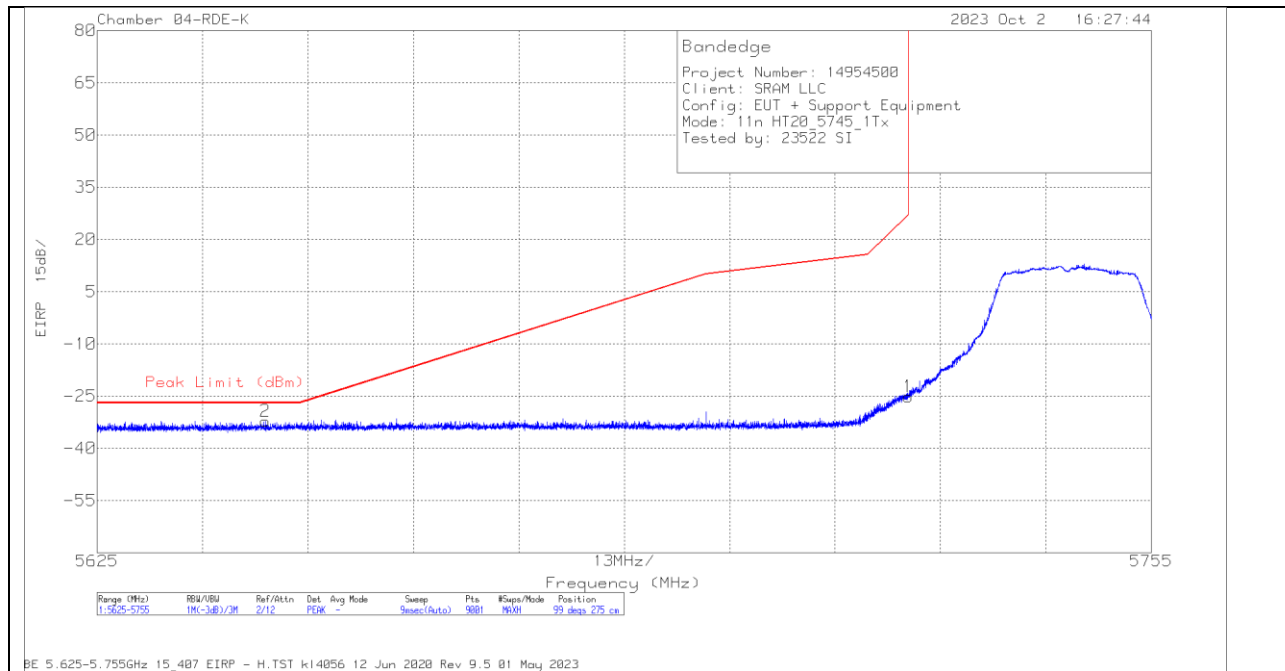
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band
 PK-U - U-NII: Maximum Peak
 ADR - U-NII AD primary method, RMS average

10.1.14. TX ABOVE 1 GHz 802.11n HT20 MODE IN THE 5.8 GHz BAND

1TX Antenna 1 MODE

BANDEDGE (LOW CHANNEL)

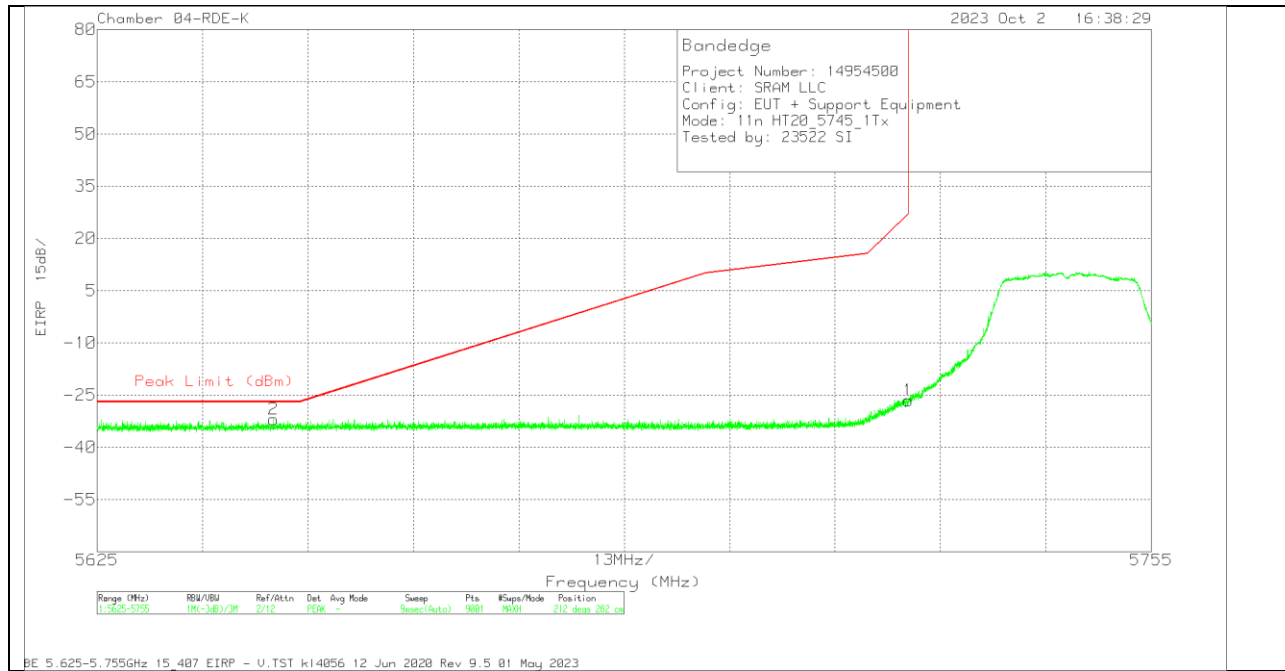
HORIZONTAL RESULT



Marker	Frequency (MHz)	Meter Reading (dBm)	Det	223083 ACF 3m (dB/m)	Cbl/Amp (dB)	Conversion Factor (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5725	-65.67	Pk	34.7	-6	11.8	-25.17	27	-52.17	99	275	H
2	5645.756	-72.33	Pk	34.6	-6.3	11.8	-32.23	-27	-5.23	99	275	H

Pk - Peak detector

VERTICAL RESULT

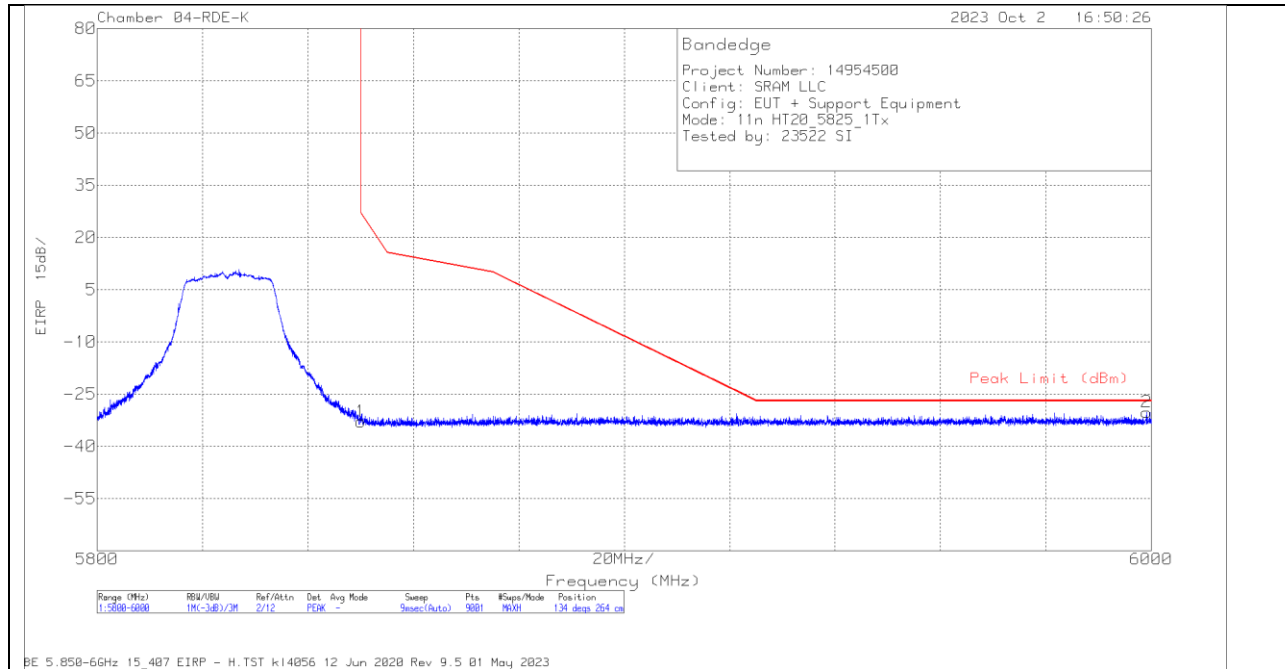


Marker	Frequency (MHz)	Meter Reading (dBm)	Det	223083 ACF 3m (dB/m)	Cbl/Amp (dB)	Conversion Factor (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5725	-67.04	Pk	34.7	-6	11.8	-26.54	27	-53.54	212	282	V
2	5646.753	-72.15	Pk	34.6	-6.2	11.8	-31.95	-27	-4.95	212	282	V

Pk - Peak detector

BANDEDGE (HIGH CHANNEL)

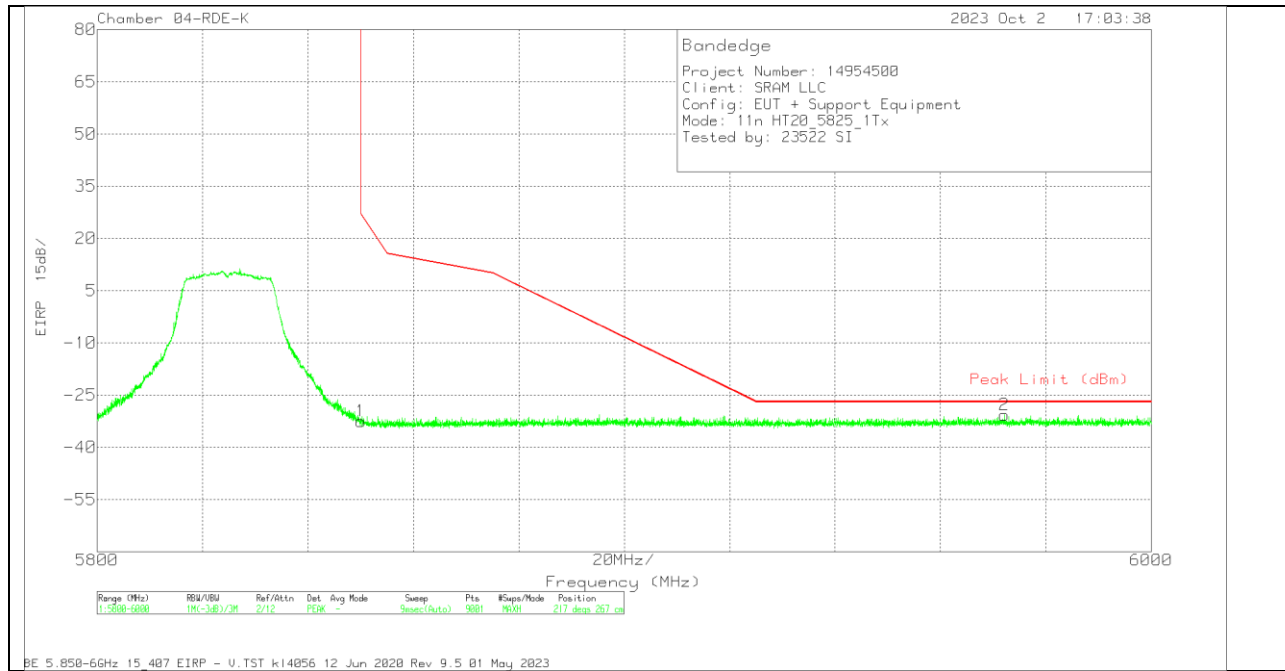
HORIZONTAL RESULT



Marker	Frequency(MHz)	MeterReading(gdBm)	Det	223083 ACF 3m (dB/m)	Cb/Amp (dB)	Conversion Factor (dB)	CorrectedReadingEIRP	Peak Limit (dBm)	PK Margin(dB)	Azimuth(Degs)	Height(cm)	Polarity
1	5850	-73.48	Pk	34.8	-6	11.8	-32.88	27	-59.88	134	264	H
2	5999.109	-71.48	Pk	35	-5.5	11.8	-30.18	-27	-3.18	134	264	H

Pk - Peak detector

VERTICAL RESULT

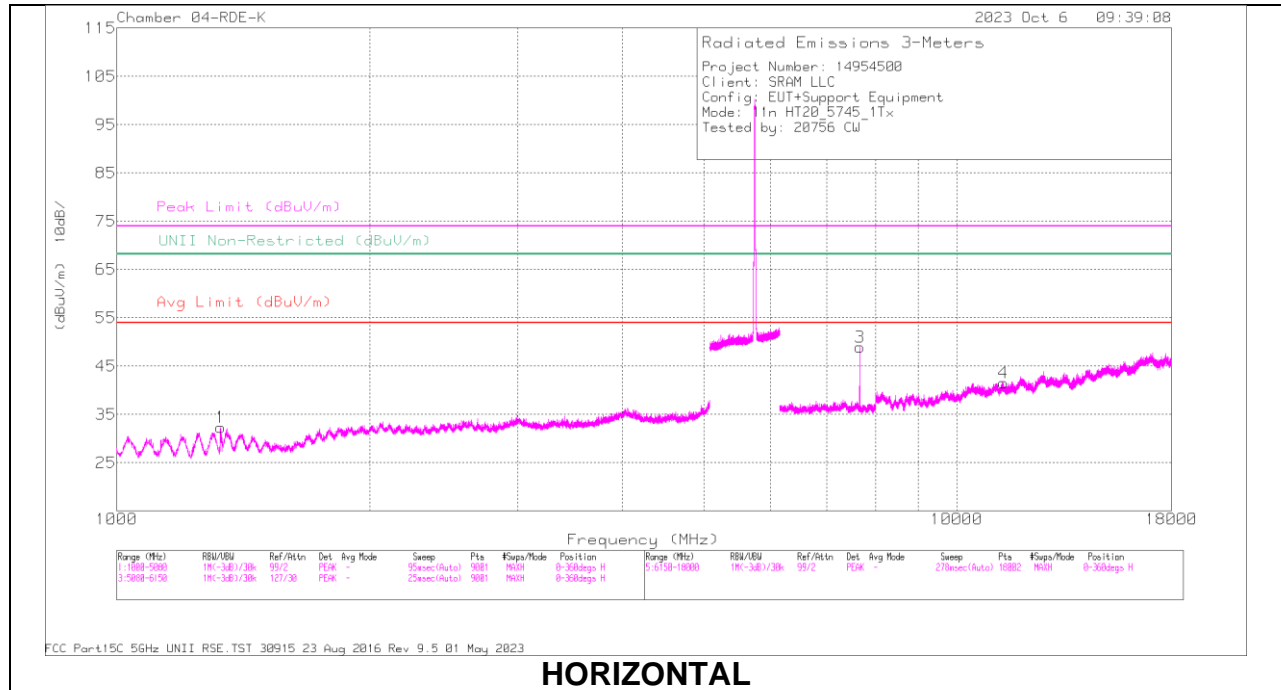


Marker	Frequency (MHz)	Meter Reading (dBm)	Det	223083 ACF 3m (dB/m)	Cbl/Amp (dB)	Conversion Factor (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5850	-73.09	Pk	34.8	-6	11.8	-32.49	27	-59.49	217	267	V
2	5972.087	-72	Pk	35	-5.5	11.8	-30.7	-27	-3.7	217	267	V

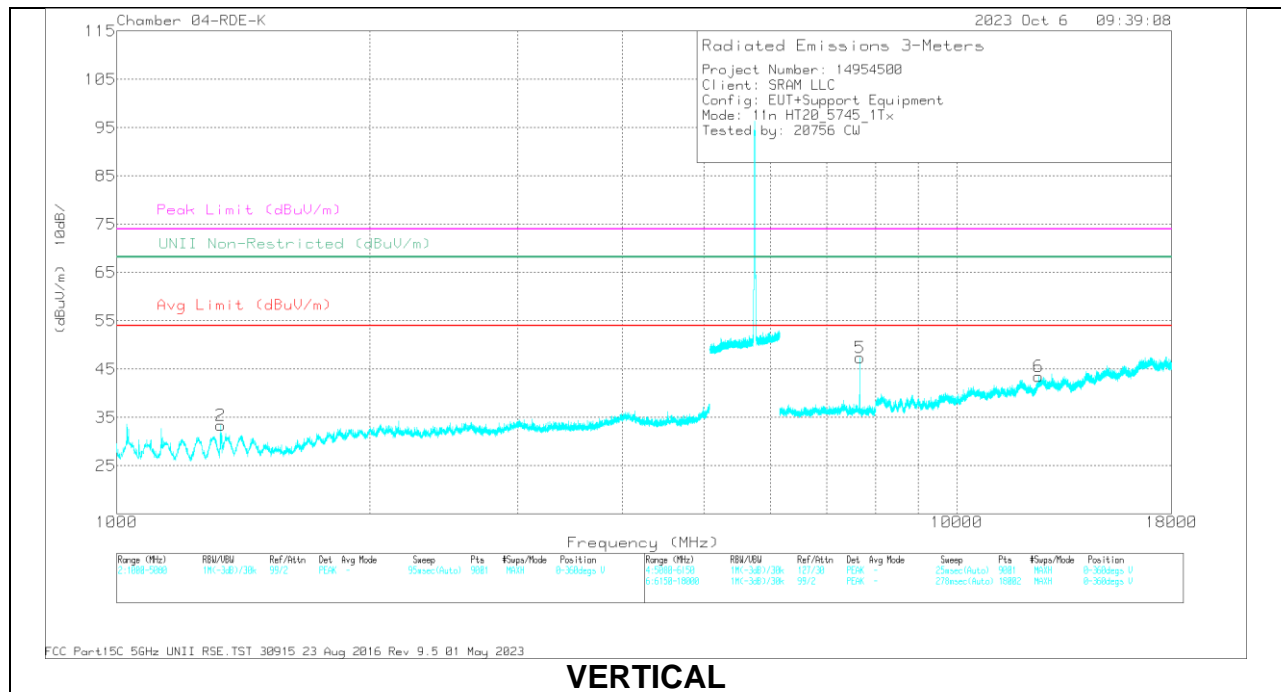
Pk - Peak detector

HARMONICS AND SPURIOUS EMISSIONS

LOW CHANNEL RESULTS



HORIZONTAL



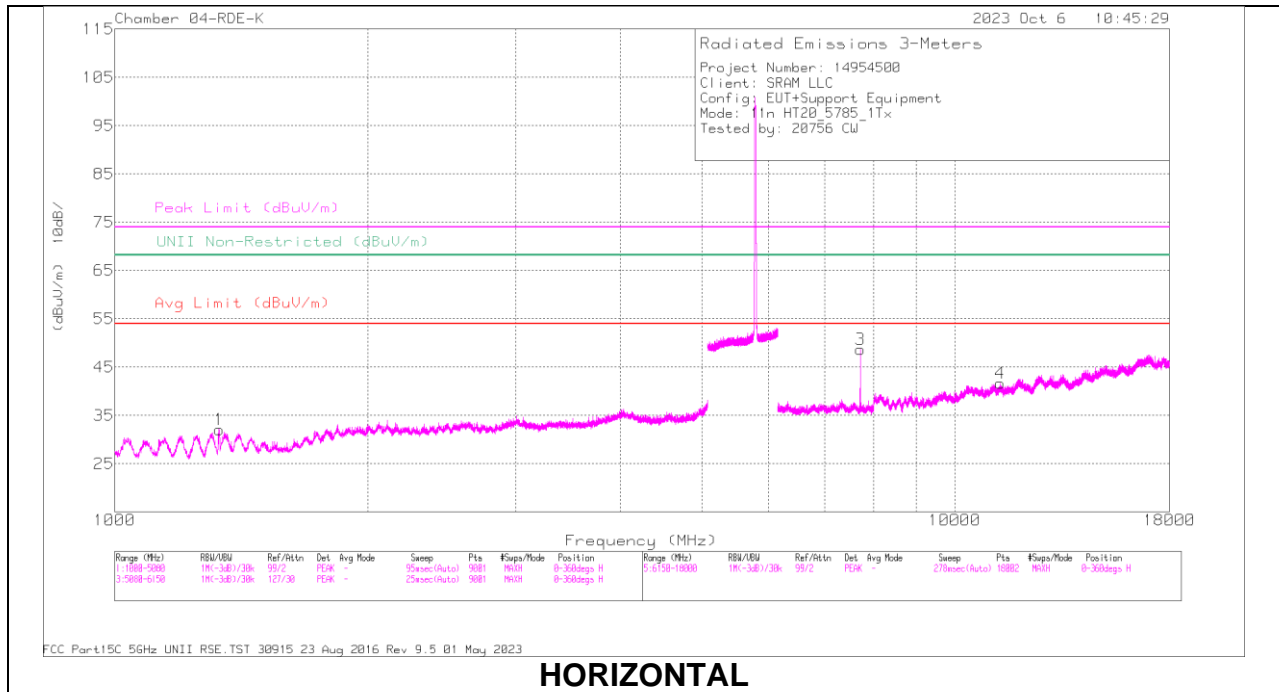
VERTICAL

RADIATED EMISSIONS

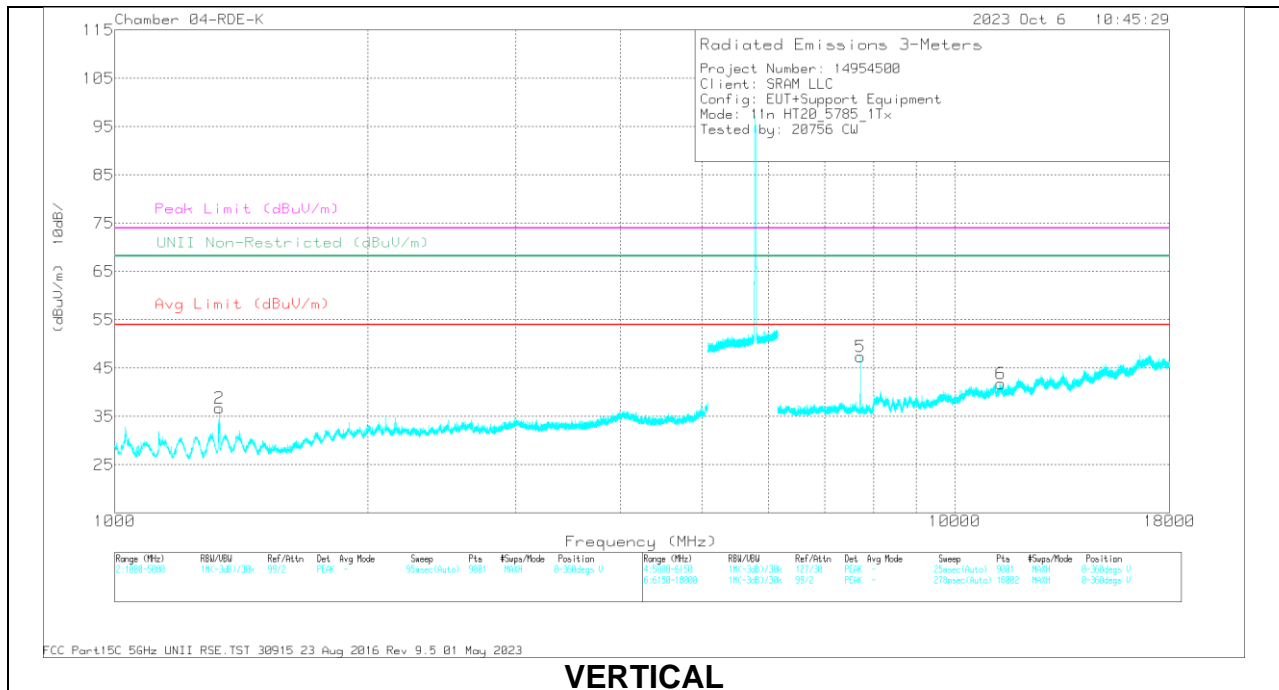
Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	223083 ACF 3m (dB/m)	Cbl/Amp (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 1328.008	60.3	PK-U	29	-45.8	43.5	-	-	74	-30.5	259	167	H
	* 1329.144	44.57	ADR	29	-45.8	27.77	54	-26.23	-	-	259	167	H
2	* 1328.587	62.44	PK-U	29	-45.8	45.64	-	-	74	-28.36	189	306	V
	* 1327.434	46.14	ADR	29	-45.8	29.34	54	-24.66	-	-	189	306	V
3	* 7659.919	54.42	PK-U	35.8	-37.5	52.72	-	-	74	-21.28	14	102	H
	* 7659.873	50.3	ADR	35.8	-37.5	48.6	54	-5.4	-	-	14	102	H
4	* 11368.657	48.07	PK-U	37.8	-35.3	50.57	-	-	74	-23.43	223	240	H
	* 11368.479	36.38	ADR	37.8	-35.3	38.88	54	-15.12	-	-	223	240	H
5	* 7660.174	54.67	PK-U	35.8	-37.5	52.97	-	-	74	-21.03	327	222	V
	* 7659.896	50.52	ADR	35.8	-37.5	48.82	54	-5.18	-	-	327	222	V
6	* 12503.852	46.4	PK-U	39.3	-33.6	52.1	-	-	74	-21.9	172	182	V
	* 12504.046	34.96	ADR	39.3	-33.6	40.66	54	-13.34	-	-	172	182	V

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

MID CHANNEL RESULTS



HORIZONTAL



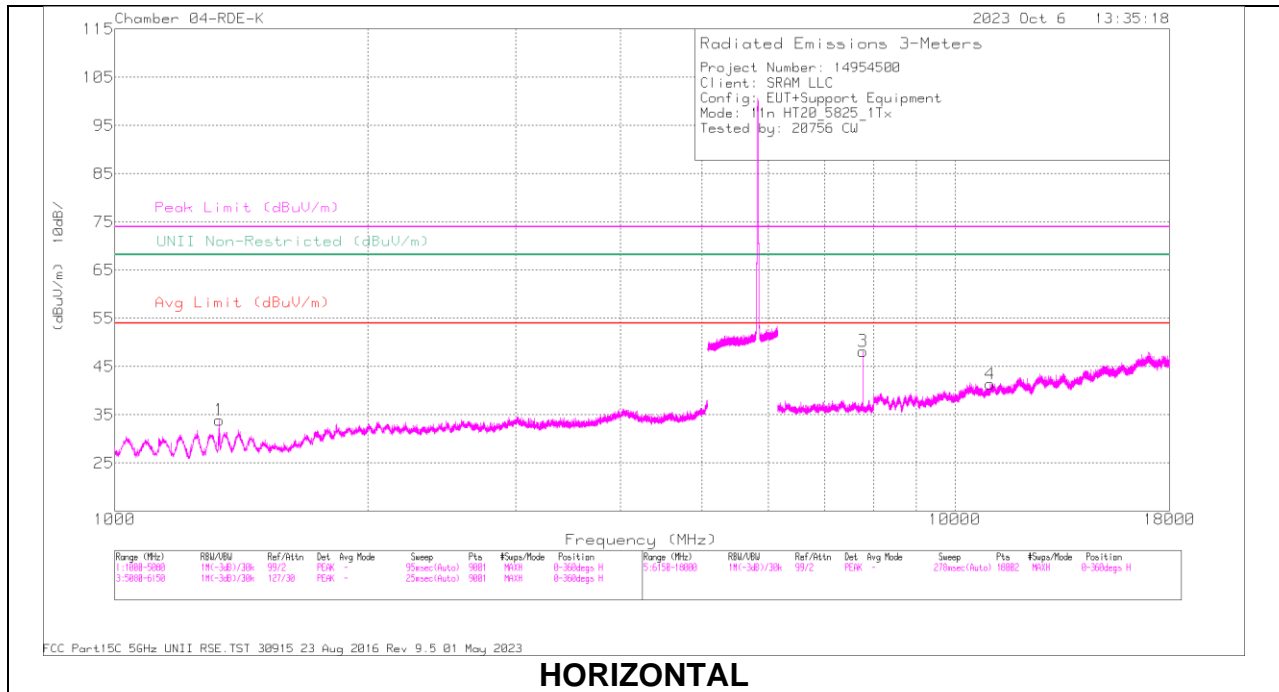
VERTICAL

RADIATED EMISSIONS

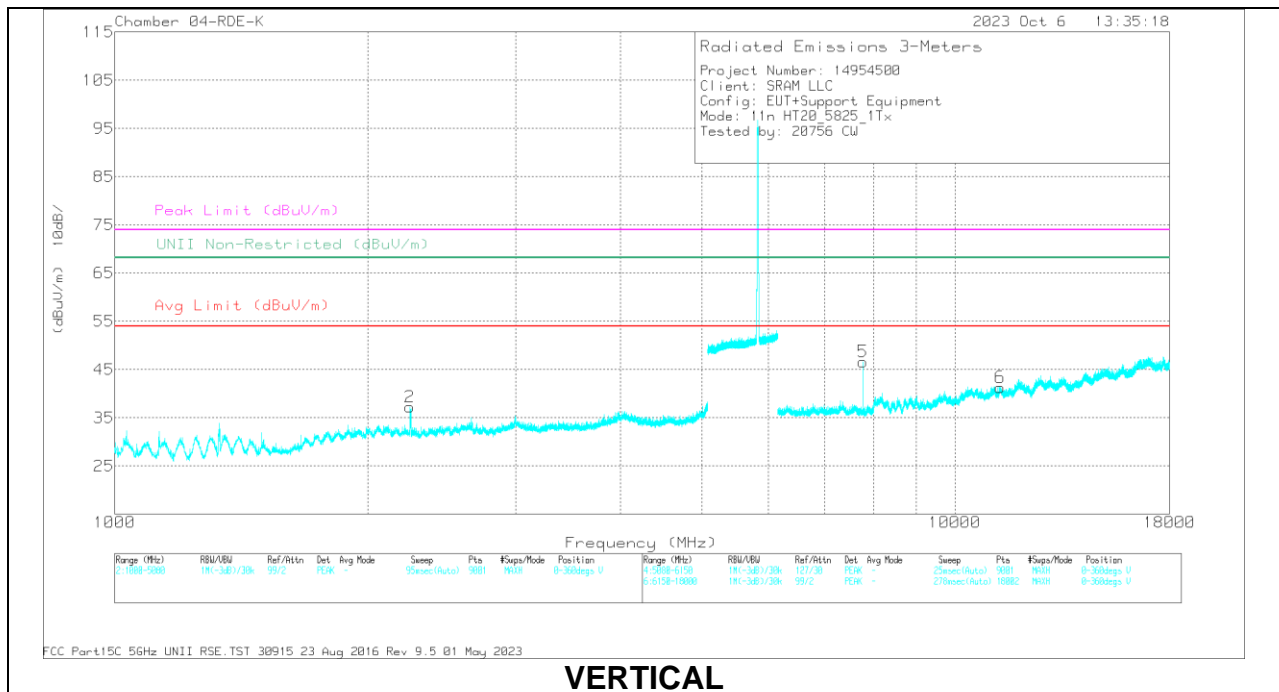
Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	223083 ACF 3m (dB/m)	Cbl/Amp (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 1331.286	62.04	PK-U	29	-45.8	45.24	-	-	74	-28.76	252	178	H
	* 1332.597	45.58	ADR	29	-45.8	28.78	54	-25.22	-	-	252	178	H
2	* 1331.47	63.29	PK-U	29	-45.8	46.49	-	-	74	-27.51	205	107	V
	* 1331.188	46.72	ADR	29	-45.8	29.92	54	-24.08	-	-	205	107	V
3	* 7713.221	54.56	PK-U	35.8	-37.4	52.96	-	-	74	-21.04	2	116	H
	* 7713.239	50.27	ADR	35.8	-37.4	48.67	54	-5.33	-	-	2	116	H
4	* 11313.009	48.87	PK-U	37.8	-35.3	51.37	-	-	74	-22.63	298	283	H
	* 11312.95	37.55	ADR	37.8	-35.3	40.05	54	-13.95	-	-	298	283	H
5	* 7713.312	53.7	PK-U	35.8	-37.4	52.1	-	-	74	-21.9	6	233	V
	* 7713.195	48.88	ADR	35.8	-37.4	47.28	54	-6.72	-	-	6	233	V
6	* 11339.104	48.49	PK-U	37.8	-35.2	51.09	-	-	74	-22.91	118	143	V
	* 11338.781	36.73	ADR	37.8	-35.2	39.33	54	-14.67	-	-	118	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

HIGH CHANNEL RESULTS



HORIZONTAL



VERTICAL

RADIATED EMISSIONS

Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	223083 ACF 3m (dB/m)	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	* 1333.22	62.35	PK-U	29	-45.8	45.55	-	-	74	-28.45	-	-	254	212	H
	* 1331.479	45.93	ADR	29	-45.8	29.13	54	-24.87	-	-	-	-	254	212	H
2	* 2241.893	55.03	PK-U	31.4	-44.4	42.03	-	-	74	-31.97	-	-	20	251	V
	* 2242.611	43.93	ADR	31.4	-44.4	30.93	54	-23.07	-	-	-	-	20	251	V
3	7766.628	54.16	PK-U	35.8	-37.3	52.66	-	-	-	-	68.2	-15.54	360	117	H
	7766.564	49.16	ADR	35.8	-37.3	47.66	-	-	-	-	-	-	360	117	H
4	* 11008.42	48.39	PK-U	38	-36	50.39	-	-	74	-23.61	-	-	44	316	H
	* 11008.498	36.61	ADR	38	-36	38.61	54	-15.39	-	-	-	-	44	316	H
5	7766.601	53.67	PK-U	35.8	-37.3	52.17	-	-	-	-	68.2	-16.03	353	221	V
	7766.641	48.75	ADR	35.8	-37.3	47.25	-	-	-	-	-	-	353	221	V
6	* 11313.294	48.53	PK-U	37.8	-35.3	51.03	-	-	74	-22.97	-	-	194	206	V
	* 11313.012	37.24	ADR	37.8	-35.3	39.74	54	-14.26	-	-	-	-	194	206	V

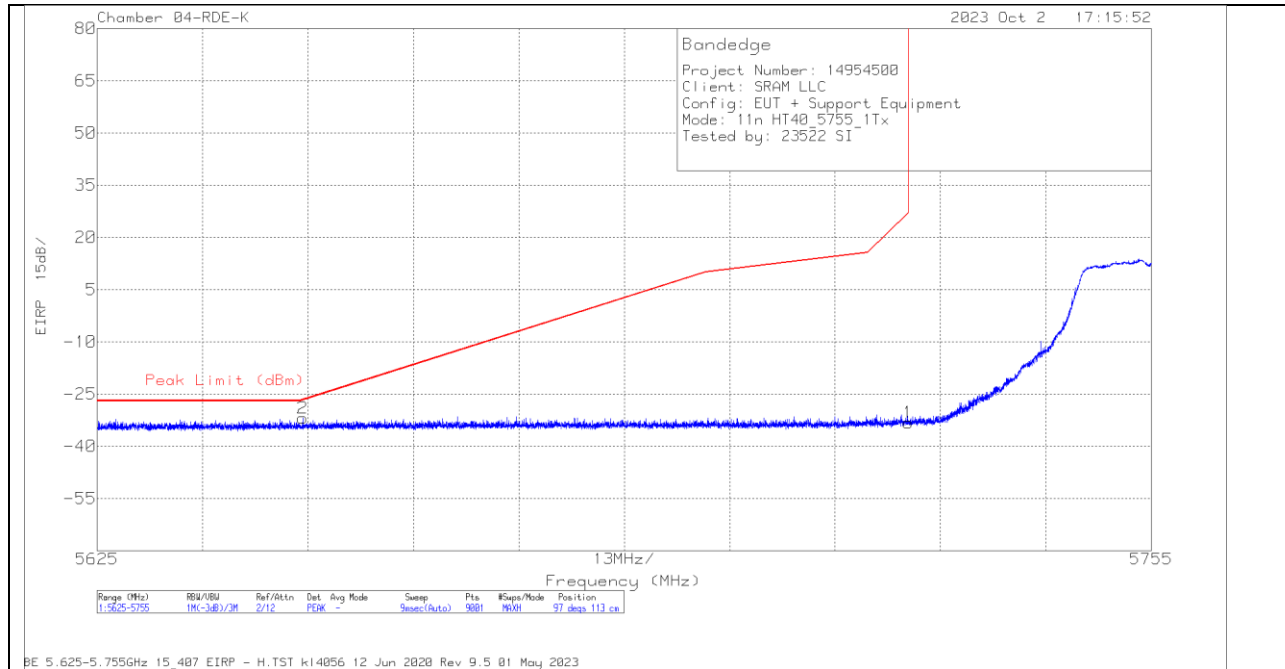
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band
 PK-U - U-NII: Maximum Peak
 ADR - U-NII AD primary method, RMS average

10.1.15. TX ABOVE 1 GHz 802.11n HT40 MODE IN THE 5.8 GHz BAND

1TX Antenna 1 MODE

BANDEDGE (LOW CHANNEL)

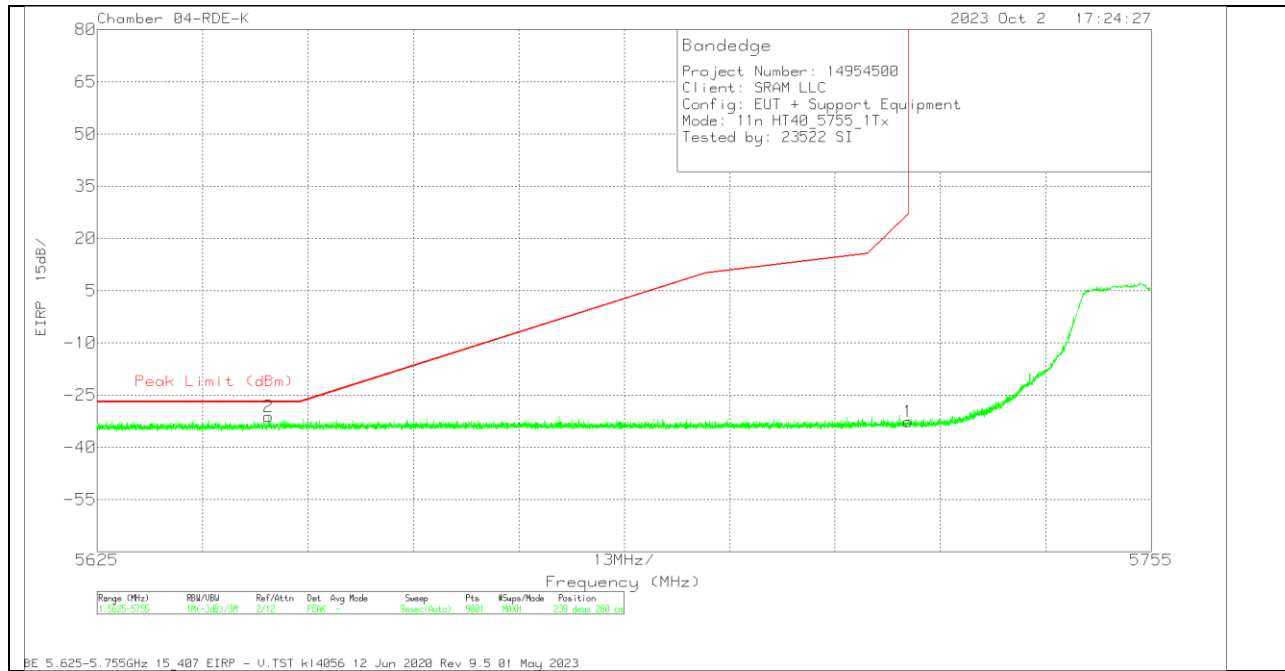
HORIZONTAL RESULT



Marker	Frequency (MHz)	Meter Reading (dBm)	Det	223083 ACF 3m (dB/m)	Cbl/Amp (dB)	Conversion Factor (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5725	-73.72	Pk	34.7	-6	11.8	-33.22	27	-60.22	97	113	H
2	5650.349	-72.11	Pk	34.6	-6.2	11.8	-31.91	-26.74	-5.17	97	113	H

Pk - Peak detector

VERTICAL RESULT

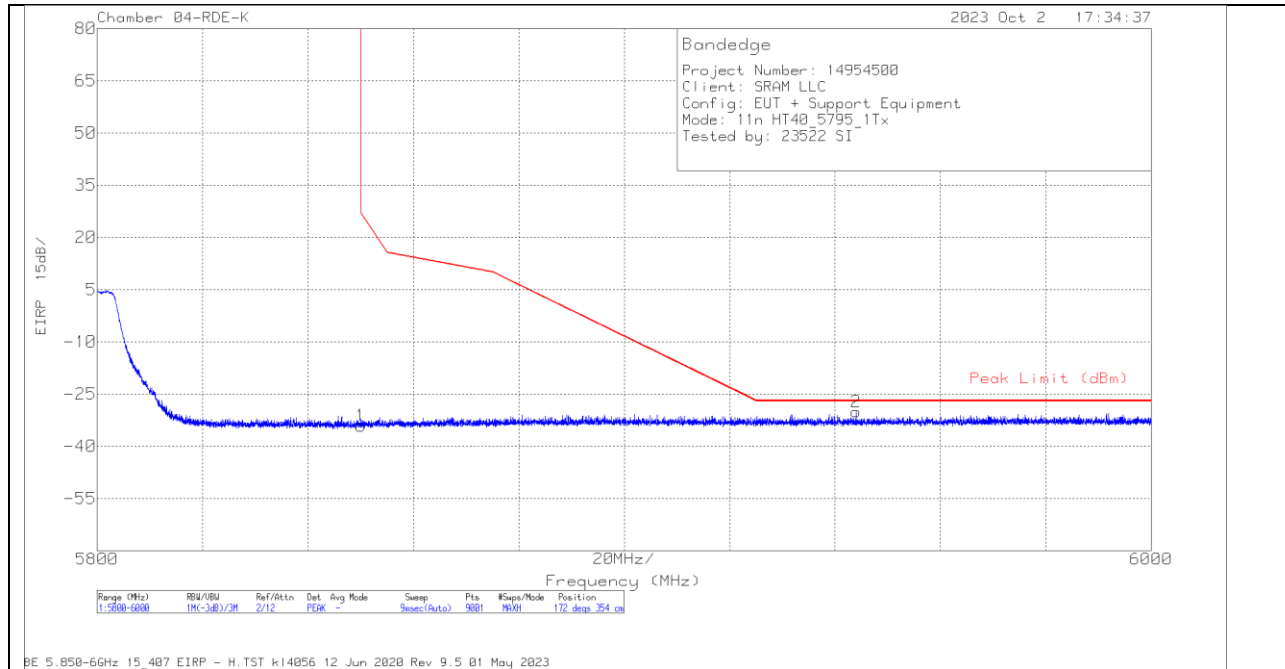


Marker	Frequency (MHz)	Meter Reading (dBm)	Det	223083 ACF 3m (dB/m)	Cbl/Amp (dB)	Conversion Factor (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5725	-73.12	Pk	34.7	-6	11.8	-32.62	27	-59.62	239	280	V
2	5646.146	-71.28	Pk	34.6	-6.3	11.8	-31.18	-27	-4.18	239	280	V

Pk - Peak detector

BANDEDGE (HIGH CHANNEL)

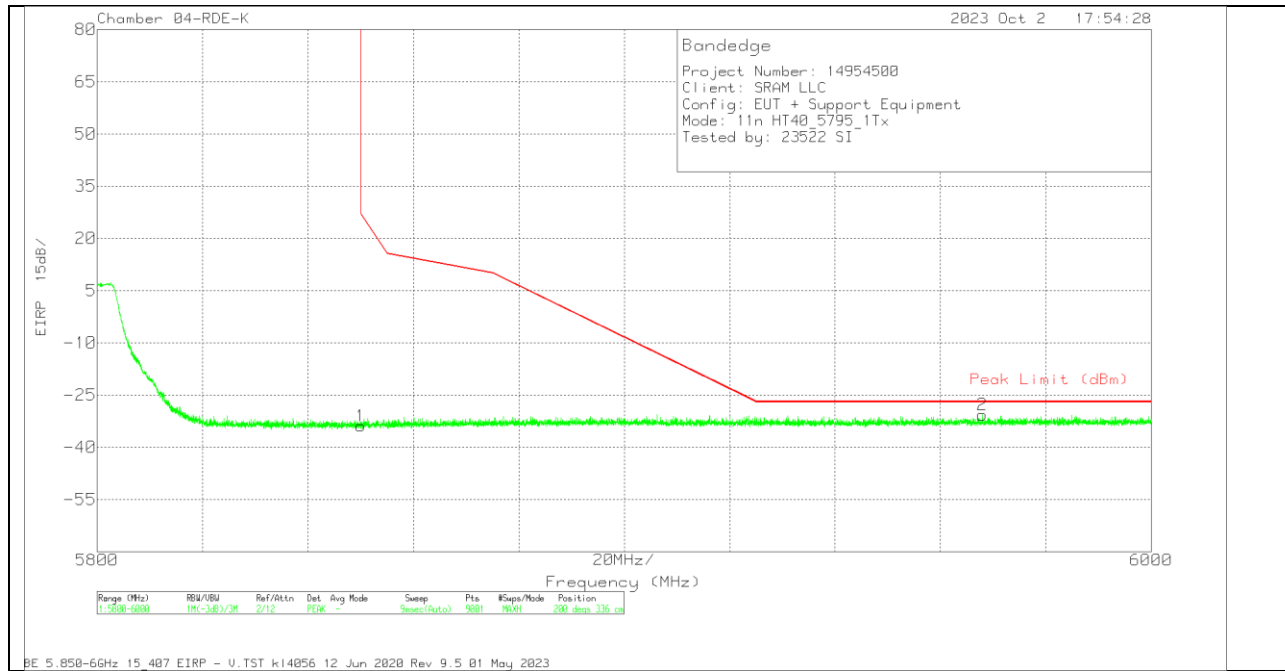
HORIZONTAL RESULT



Marker	Frequency (MHz)	Meter Reading (dBm)	Det	223083 ACF 3m (dB/m)	Cb/Amp (dB)	Conversion Factor (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5850	-74.72	Pk	34.8	-6	11.8	-34.12	27	-61.12	172	354	H
2	5944.021	-71.23	Pk	35	-5.7	11.8	-30.13	-27	-3.13	172	354	H

Pk - Peak detector

VERTICAL RESULT

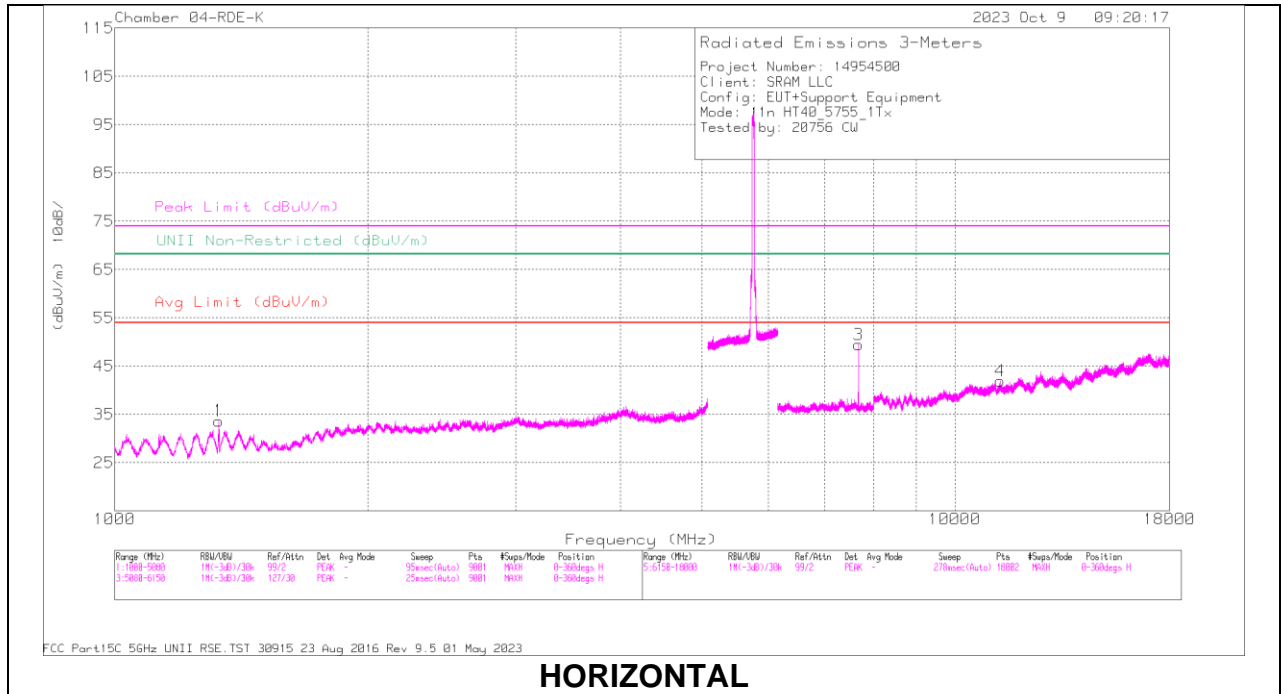


Marker	Frequency (MHz)	Meter Reading (dBm)	Det	223083 ACF 3m (dB/m)	Cbl/Amp (dB)	Conversion Factor (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5850	-74.48	Pk	34.8	-6	11.8	-33.88	27	-60.88	200	336	V
2	5967.909	-71.88	Pk	35	-5.6	11.8	-30.68	-27	-3.68	200	336	V

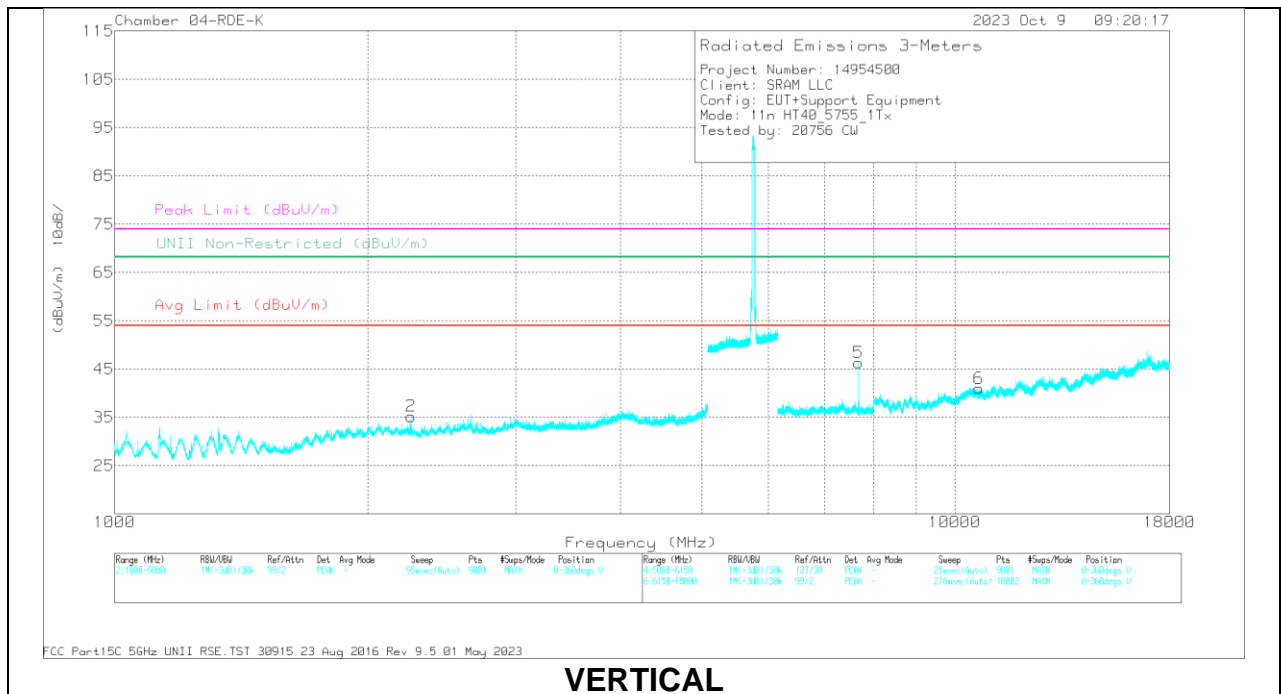
Pk - Peak detector

HARMONICS AND SPURIOUS EMISSIONS

LOW CHANNEL RESULTS



HORIZONTAL



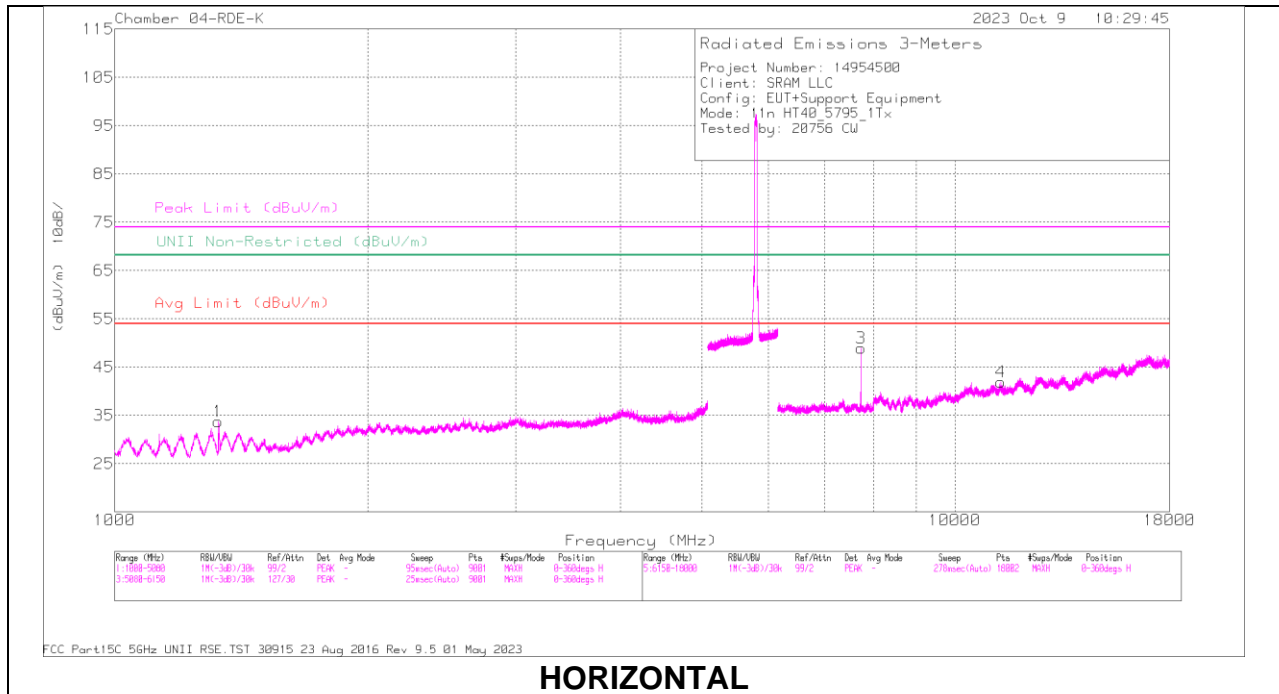
VERTICAL

RADIATED EMISSIONS

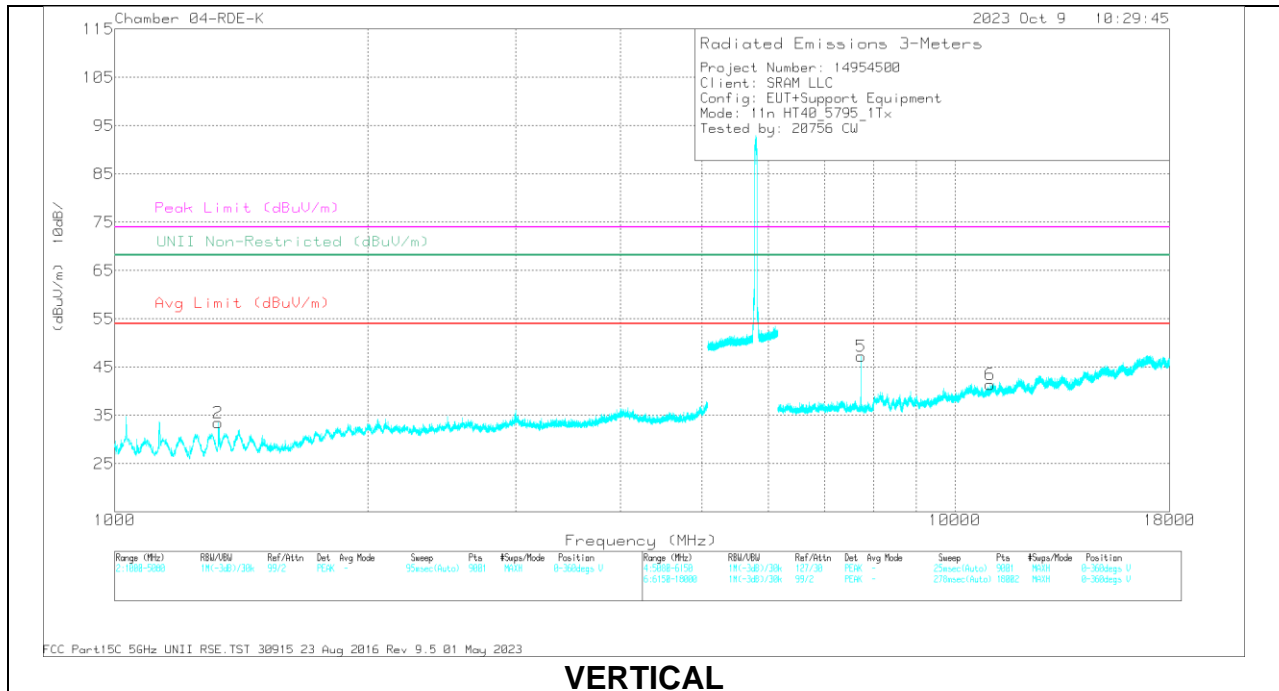
Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	223083 ACF 3m (dB/m)	Cbl/Amp (dB)	DCCF (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 1330.62	63.32	PK-U	29	-45.8	0	46.52	-	-	74	-27.48	258	136	H
	* 1332.341	45.91	ADR	29	-45.8	.16	29.27	54	-24.73	-	-	258	136	H
2	* 2253.643	55.5	PK-U	31.4	-44.4	0	42.5	-	-	74	-31.5	216	392	V
	* 2251.495	44.02	ADR	31.4	-44.4	.16	31.18	54	-22.82	-	-	216	392	V
3	* 7673.253	55.24	PK-U	35.8	-37.4	0	53.64	-	-	74	-20.36	14	102	H
	* 7673.248	50.53	ADR	35.8	-37.4	.16	49.09	54	-4.91	-	-	14	102	H
4	* 11324.374	48.43	PK-U	37.8	-35.2	0	51.03	-	-	74	-22.97	272	248	H
	* 11324.351	36.9	ADR	37.8	-35.2	.16	39.66	54	-14.34	-	-	272	248	H
5	* 7673.317	53.28	PK-U	35.8	-37.4	0	51.68	-	-	74	-22.32	326	206	V
	* 7673.289	47.94	ADR	35.8	-37.4	.16	46.5	54	-7.5	-	-	326	206	V
6	* 10671.833	48.71	PK-U	37.9	-36.4	0	50.21	-	-	74	-23.79	25	134	V
	* 10671.894	36.78	ADR	37.9	-36.4	.16	38.44	54	-15.56	-	-	25	134	V

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

HIGH CHANNEL RESULTS



HORIZONTAL



VERTICAL

RADIATED EMISSIONS

Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	223083 ACF 3m (dB/m)	Cbl/Amp (dB)	DCCF (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 1328.669	66.29	PK-U	29	-45.8	0	49.49	-	-	74	-24.51	250	241	H
	* 1329.163	45.19	ADR	29	-45.8	.16	28.55	54	-25.45	-	-	250	241	H
2	* 1327.96	62.61	PK-U	29	-45.8	0	45.81	-	-	74	-28.19	195	140	V
	* 1328.714	45.99	ADR	29	-45.8	.16	29.35	54	-24.656	-	-	195	140	V
3	* 7726.396	54.61	PK-U	35.8	-37.5	0	52.91	-	-	74	-21.09	17	123	H
	* 7726.537	50.3	ADR	35.8	-37.4	.16	48.86	54	-5.14	-	-	17	123	H
4	* 11331.553	48.65	PK-U	37.8	-35.2	0	51.25	-	-	74	-22.75	345	213	H
	* 11331.693	36.87	ADR	37.8	-35.2	.16	39.63	54	-14.37	-	-	345	213	H
5	* 7726.719	54.46	PK-U	35.8	-37.4	0	52.86	-	-	74	-21.14	6	234	V
	* 7726.599	49.62	ADR	35.8	-37.4	.16	48.18	54	-5.82	-	-	6	234	V
6	* 11019.685	49.22	PK-U	38	-36.1	0	51.12	-	-	74	-22.88	234	238	V
	* 11020.028	36.69	ADR	38	-36.1	.16	38.75	54	-15.25	-	-	234	238	V

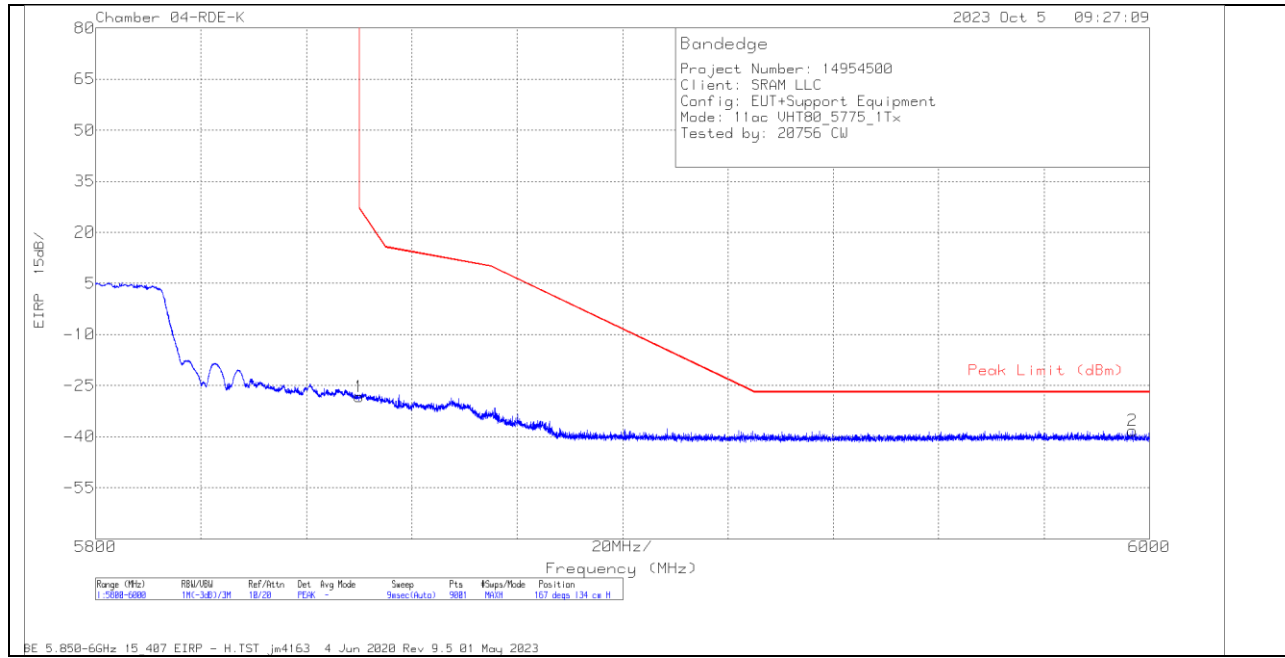
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band
 PK-U - U-NII: Maximum Peak
 ADR - U-NII AD primary method, RMS average

10.1.16. TX ABOVE 1 GHz 802.11ac VHT80 MODE IN THE 5.8 GHz BAND

1TX Antenna 1 MODE

BANDEDGE (CHANNEL 155 LOW EDGE)

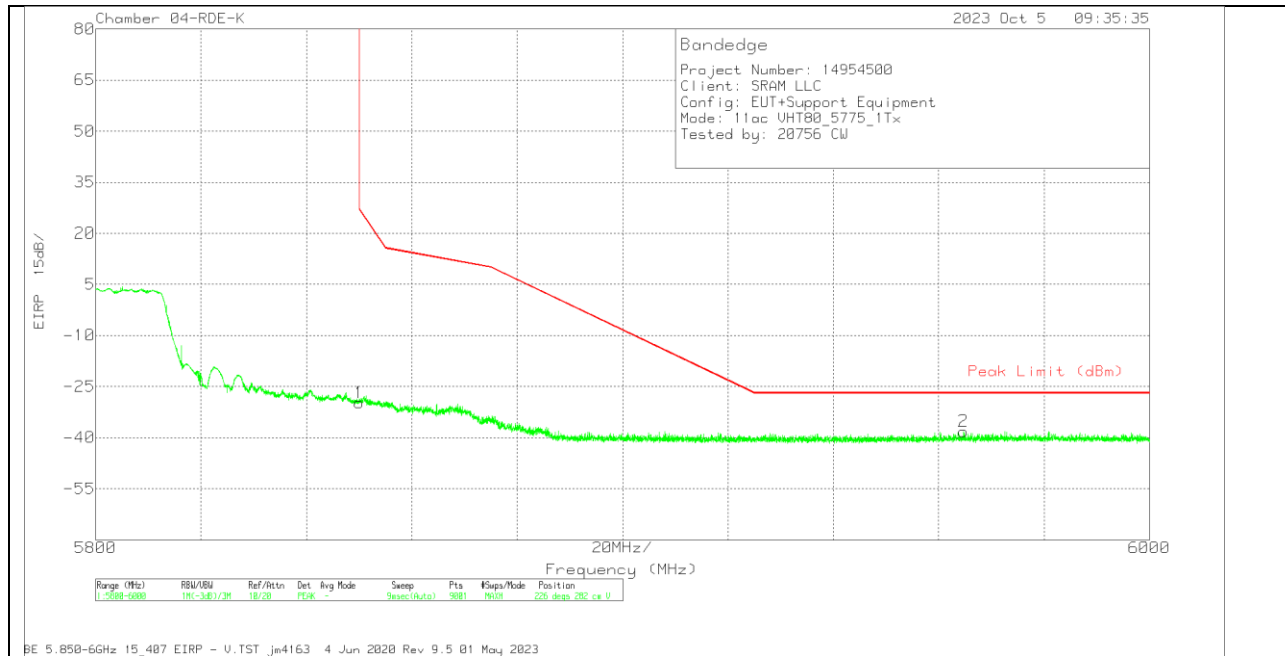
HORIZONTAL RESULT



Marker	Frequency (MHz)	Meter Reading (dBm)	Det	223083 ACF 3m (dB/m)	Cbl/Amp (dB)	Conversion Factor (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5850	-45.71	Pk	34.8	-29.2	11.8	-28.31	27	-55.31	167	134	H
2	5996.731	-56.1	Pk	35	-28.9	11.8	-38.2	-27	-11.2	167	134	H

Pk - Peak detector

VERTICAL RESULT

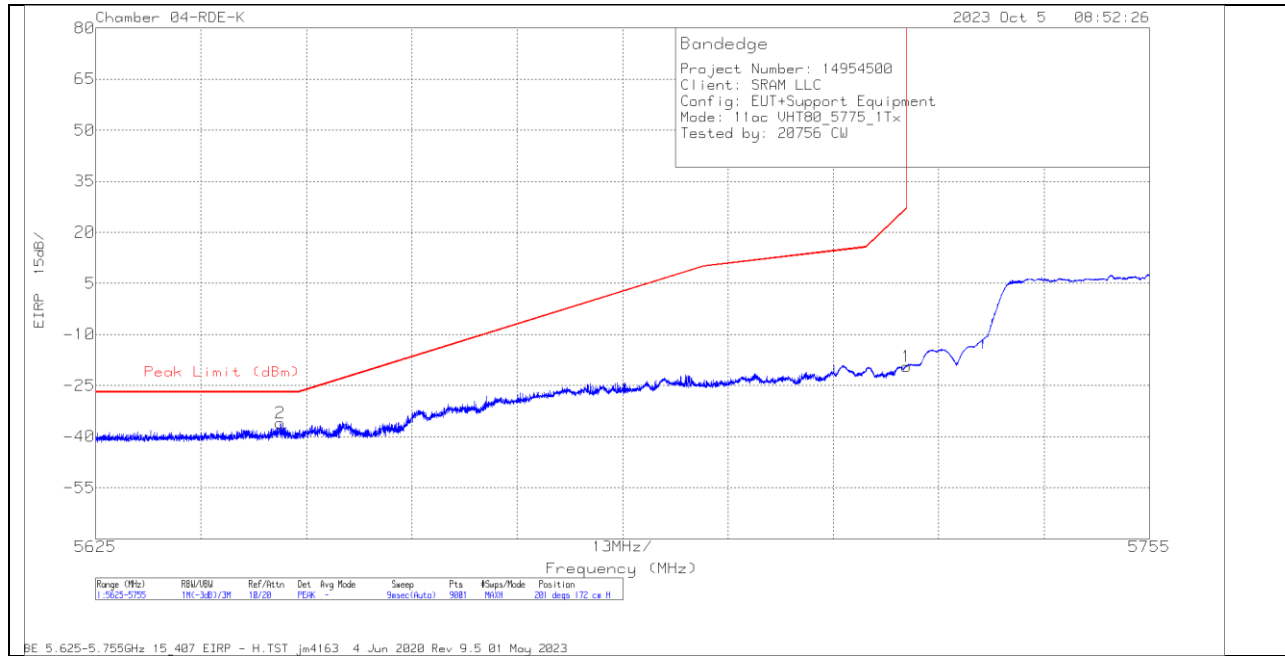


Marker	Frequency (MHz)	Meter Reading (dBm)	Det	223083 ACF 3m (dB/m)	Cbl/Amp (dB)	Conversion Factor (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5850	-47.17	Pk	34.8	-29.2	11.8	-29.77	27	-56.77	226	282	V
2	5964.732	-56.03	Pk	35	-28.9	11.8	-38.13	-27	-11.13	226	282	V

Pk - Peak detector

BANDEDGE (CHANNEL 155 HIGH EDGE)

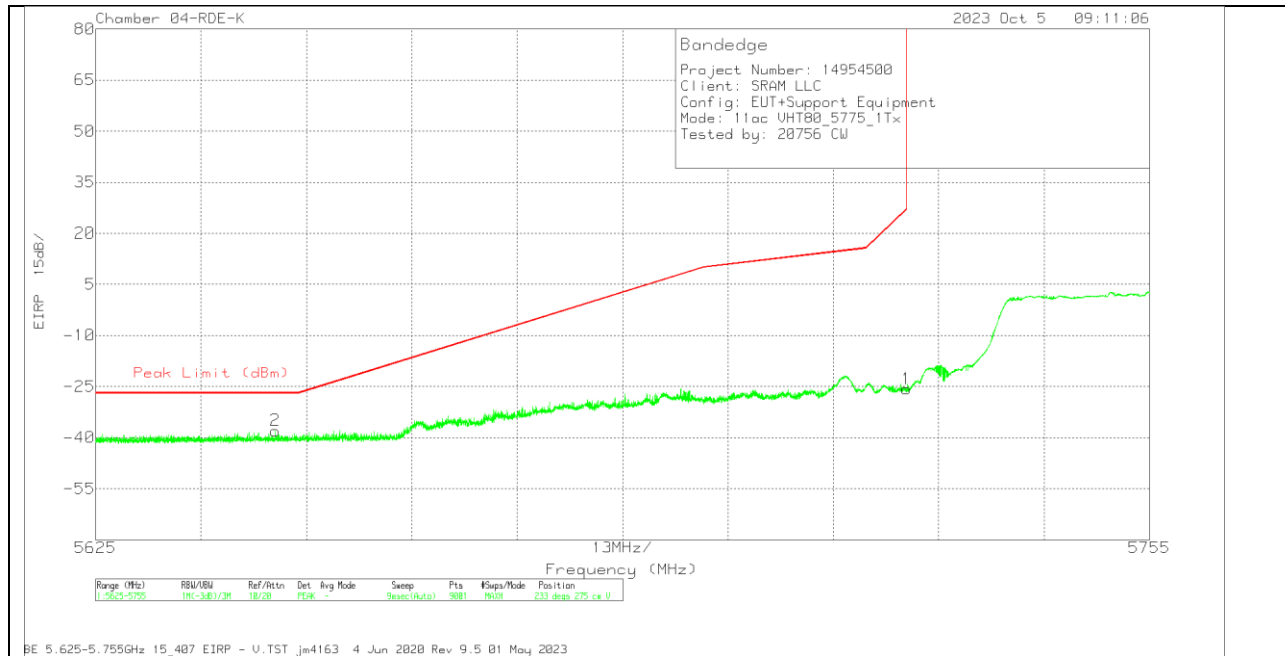
HORIZONTAL RESULT



Marker	Frequency (MHz)	Meter Reading (dBm)	Det	223083 ACF 3m (dB/m)	Cbl/Amp (dB)	Conversion Factor (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5725	-36.45	Pk	34.7	-29.4	11.8	-19.35	27	-46.35	201	172	H
2	5647.793	-52.92	Pk	34.6	-29.5	11.8	-36.02	-27	-9.02	201	172	H

Pk - Peak detector

VERTICAL RESULT

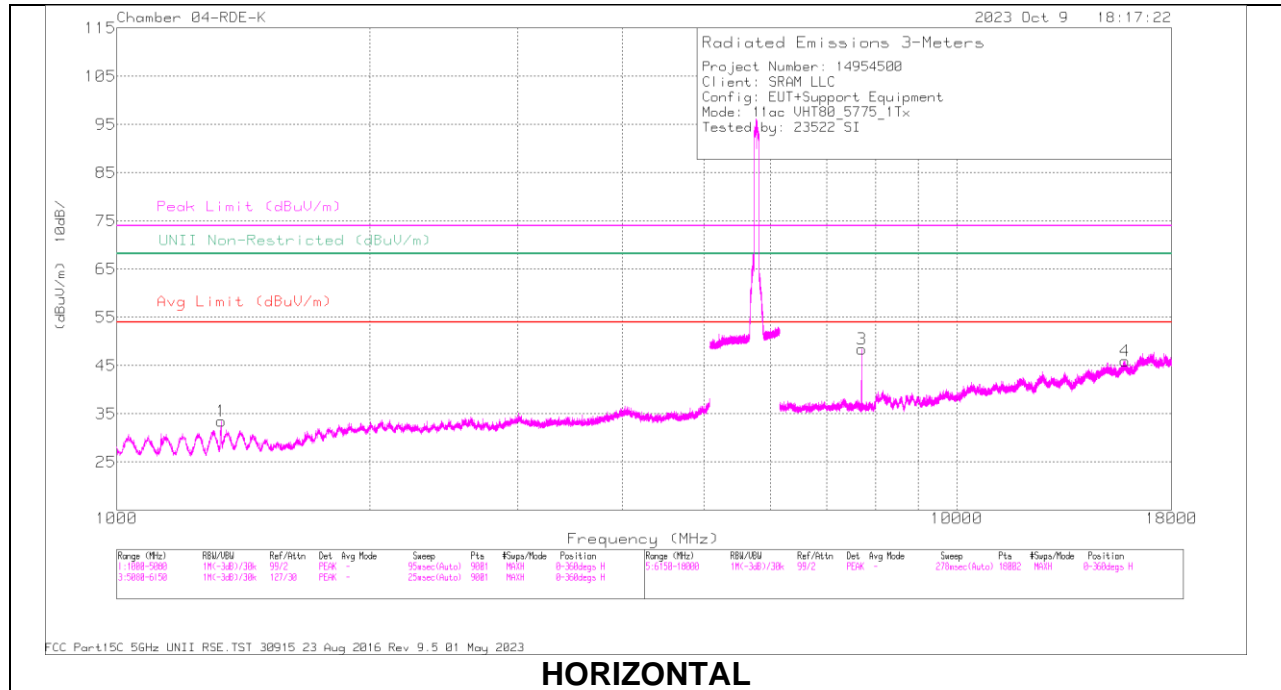


Marker	Frequency (MHz)	Meter Reading (dBm)	Det	223083 ACF 3m (dB/m)	Cbl/Amp (dB)	Conversion Factor (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5725	-42.86	Pk	34.7	-29.4	11.8	-25.76	27	-52.76	233	275	V
2	5647.157	-54.94	Pk	34.6	-29.4	11.8	-37.94	-27	-10.94	233	275	V

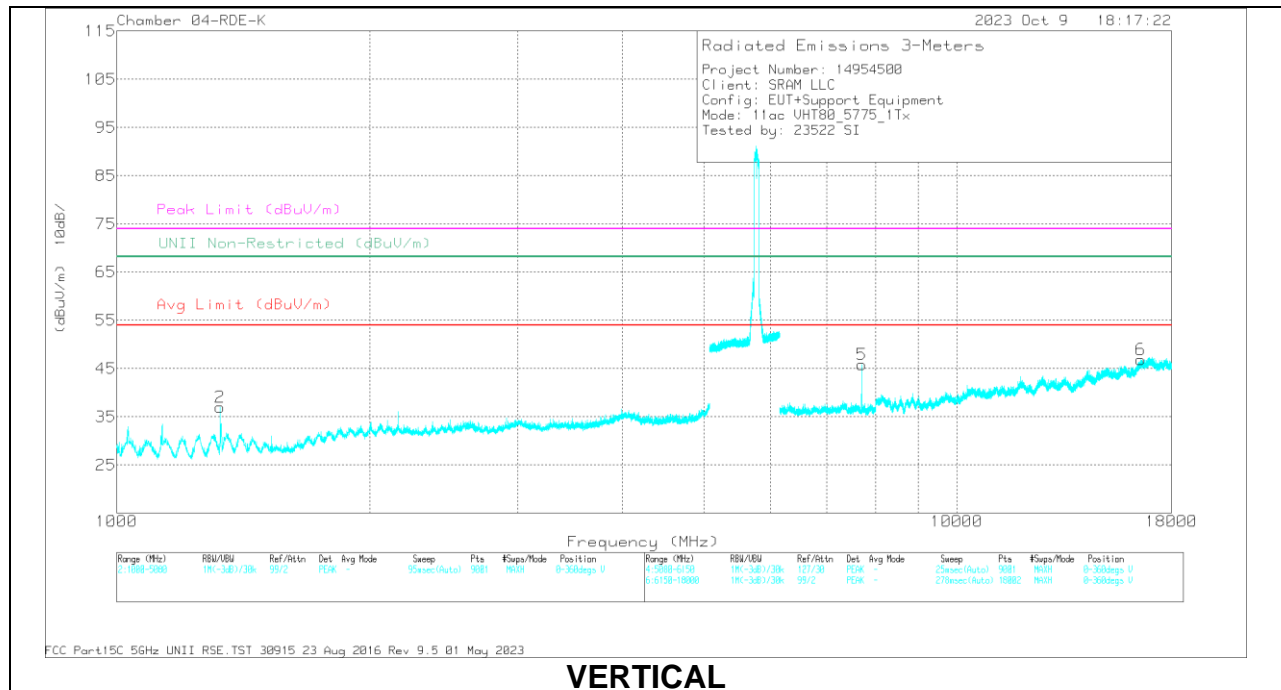
Pk - Peak detector

HARMONICS AND SPURIOUS EMISSIONS

MID CHANNEL RESULTS



HORIZONTAL



VERTICAL

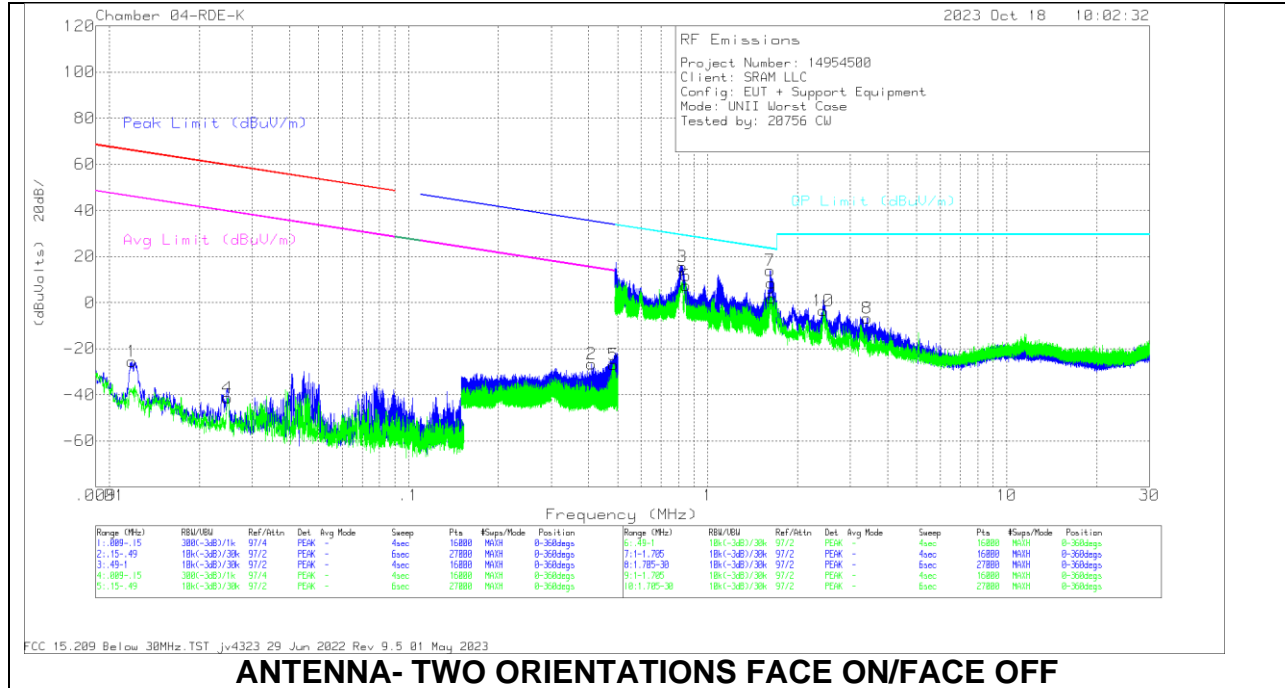
RADIATED EMISSIONS

Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	223083 ACF 3m (dB/m)	Cbl/Amp (dB)	DCCF (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	* 1331.992	61.68	PK-U	29	-45.8	0	44.88	-	-	74	-29.12	-	-	250	119	H
	* 1330.996	45.77	ADR	29	-45.8	.33	29.3	54	-24.7	-	-	-	-	250	119	H
2	* 1331.589	65.89	PK-U	29	-45.8	0	49.09	-	-	74	-24.91	-	-	202	274	V
	* 1328.441	48.68	ADR	29	-45.8	.33	32.21	54	-21.79	-	-	-	-	202	274	V
3	* 7699.916	54.48	PK-U	35.8	-37.4	0	52.88	-	-	74	-21.12	-	-	13	118	H
	* 7699.936	49.53	ADR	35.8	-37.4	.33	48.26	54	-5.74	-	-	-	-	13	118	H
4	* 15853.888	47.13	PK-U	40.2	-32.4	0	54.93	-	-	74	-19.07	-	-	186	289	H
	* 15855.267	35.37	ADR	40.2	-32.3	.33	43.6	54	-10.4	-	-	-	-	186	289	H
5	* 7699.849	53.11	PK-U	35.8	-37.4	0	51.51	-	-	74	-22.49	-	-	327	311	V
	* 7699.931	47.39	ADR	35.8	-37.4	.33	46.12	54	-7.88	-	-	-	-	327	311	V
6	16534.273	46.83	PK-U	41.1	-32.3	0	55.63	-	-	-	-	68.2	-12.57	69	367	V
	16534.265	35.18	ADR	41.1	-32.3	.33	44.31	-	-	-	-	-	-	69	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

10.2. WORST CASE BELOW 30 MHz

SPURIOUS EMISSIONS BELOW 30 MHz (WORST-CASE CONFIGURATION)



Below 30MHz Data

Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	Loop Antenna E(ACF)	Amp/Cbl (dB)	Dist Corr 300m	Corrected Reading (dBuVolts)	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	.0119	25.51	Pk	60.1	-31.1	-80	-25.49	66.08	-91.57	46.08	-71.57	-	-	-	-	0-360
2	.4098	29.23	Pk	56.2	-32.1	-80	-26.67	-	-	-	-	35.35	-62.02	15.35	-42.02	0-360
4	.0248	11.79	Pk	58.6	-31.8	-80	-41.41	59.69	-101.1	39.69	-81.1	-	-	-	-	0-360
5	.4847	29.05	Pk	56.2	-32.2	-80	-26.95	-	-	-	-	33.9	-60.85	13.9	-40.85	0-360

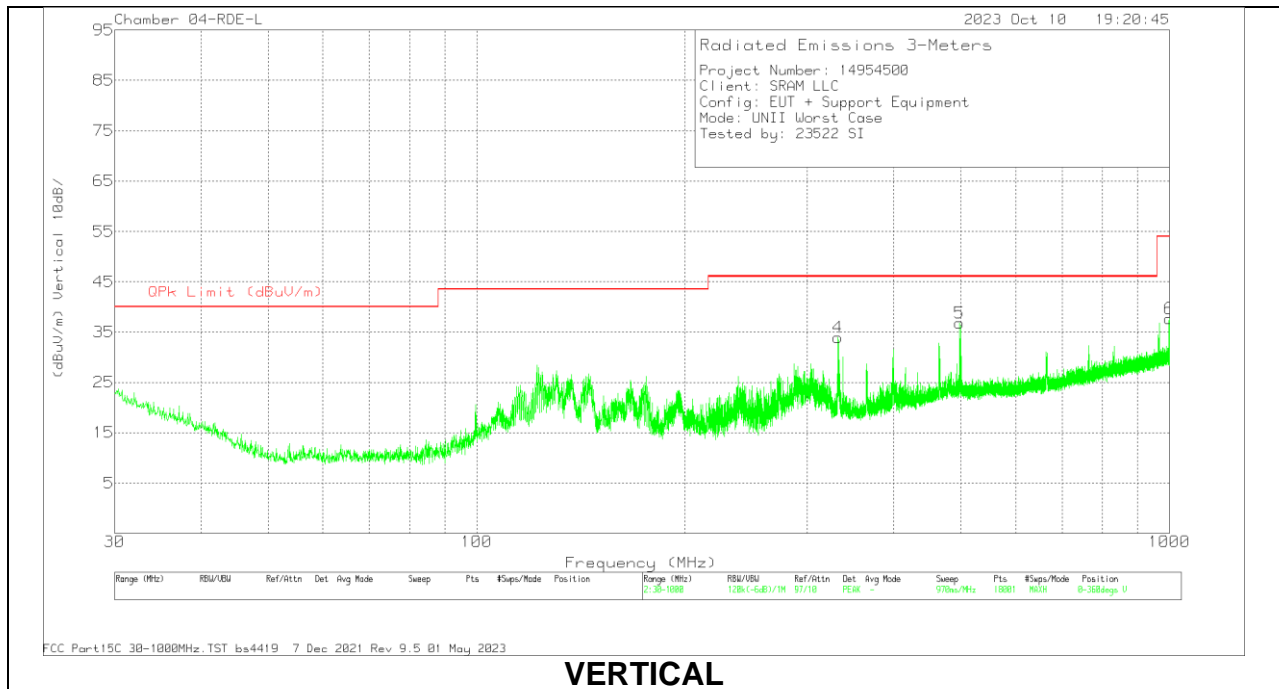
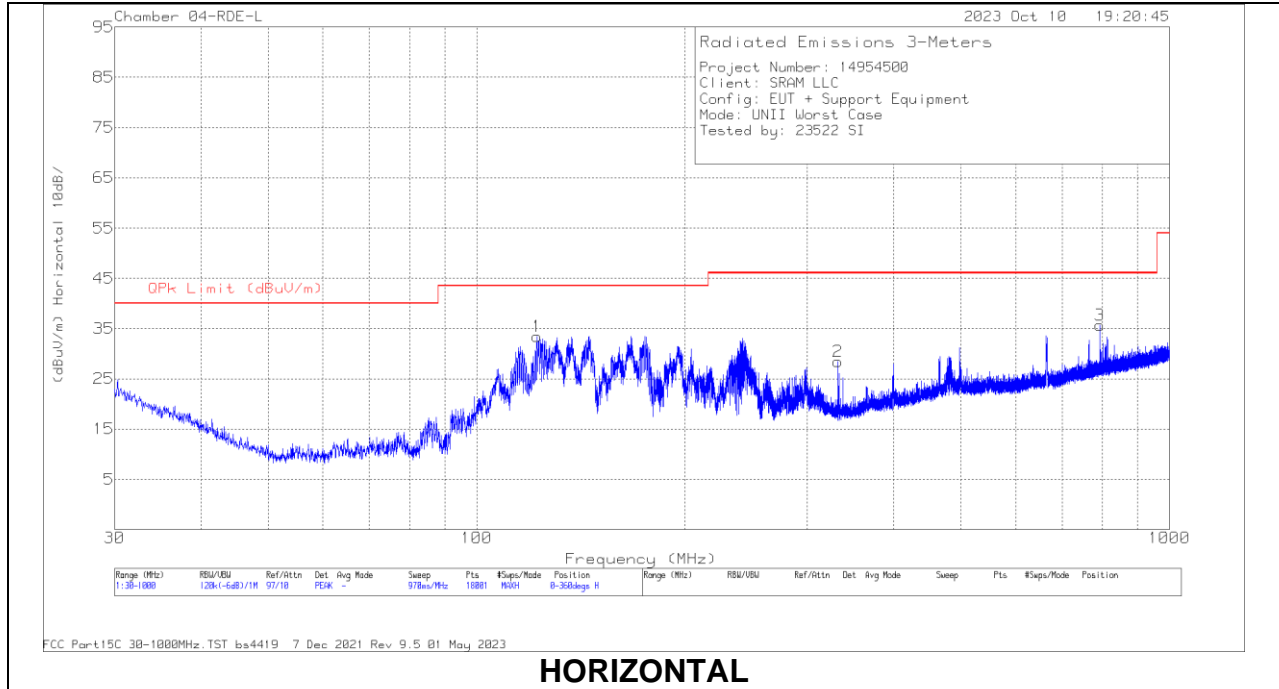
Pk - Peak detector

Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	Loop Antenna E(ACF)	Amp/Cbl (dB)	Dist Corr 30m (dB) 40Log	Corrected Reading (dBuVolts)	QP Limit (dBuV/m)	Margin (dB)	Azimuth (Degs)
3	.8234	31.28	Pk	56.4	-32.2	-40	15.48	29.3	-13.82	0-360
6	.8489	23.27	Pk	56.4	-32.2	-40	7.47	29.04	-21.57	0-360
7	1.617	42.38	Pk	43.6	-32	-40	13.98	23.46	-9.48	0-360
8	3.4195	26.86	Pk	38.1	-31.8	-40	-6.84	29.5	-36.34	0-360
9	1.6314	30.57	Pk	43.5	-32	-40	2.07	23.38	-21.31	0-360
10	2.4386	28.04	Pk	40.3	-31.9	-40	-3.56	29.5	-33.06	0-360

Pk - Peak detector

10.3. WORST CASE BELOW 1 GHz

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



Below 1GHz Data

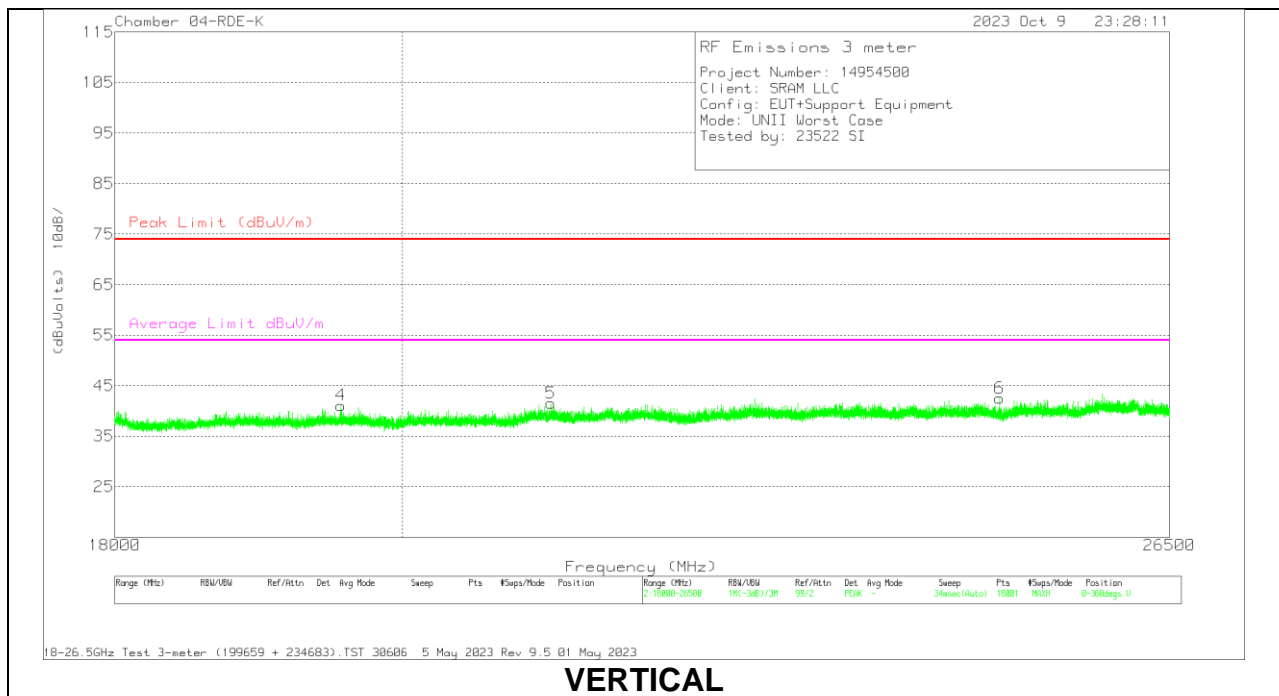
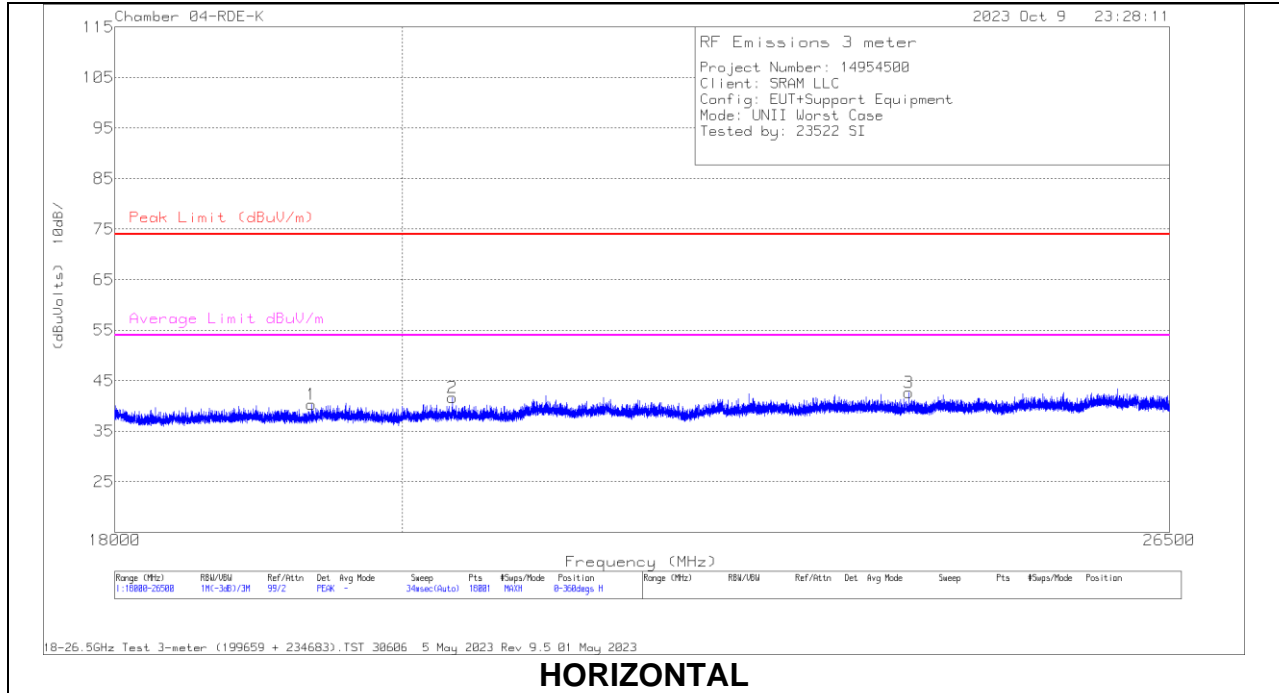
Trace Markers

Range 1: Horizontal 30 - 1000MHz											
Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	174374 ANSI ACF 10 m H UL_	Amp/Cbl (dB)	Corrected Reading (dBuV/m)	QPk Limit (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	122.15	44.08	Pk	19.6	-30.2	33.48	43.52	-10.04	0-360	299	H
2	332.21	37.61	Pk	19.9	-29	28.51	46.02	-17.51	0-360	100	H
3	793.984	36.01	Pk	27	-27.3	35.71	46.02	-10.31	0-360	299	H
4	332.425	43.03	Pk	19.9	-29	33.93	46.02	-12.09	0-360	199	V
5	497.777	28.15	Qp	23.7	-28.3	23.55	46.02	-22.47	59	128	V
6	999.355	34.42	Pk	28.8	-25.5	37.72	53.97	-16.25	0-360	99	V

Pk - Peak detector
 Qp - Quasi-Peak detector

10.4. WORST CASE 18-26 GHz

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



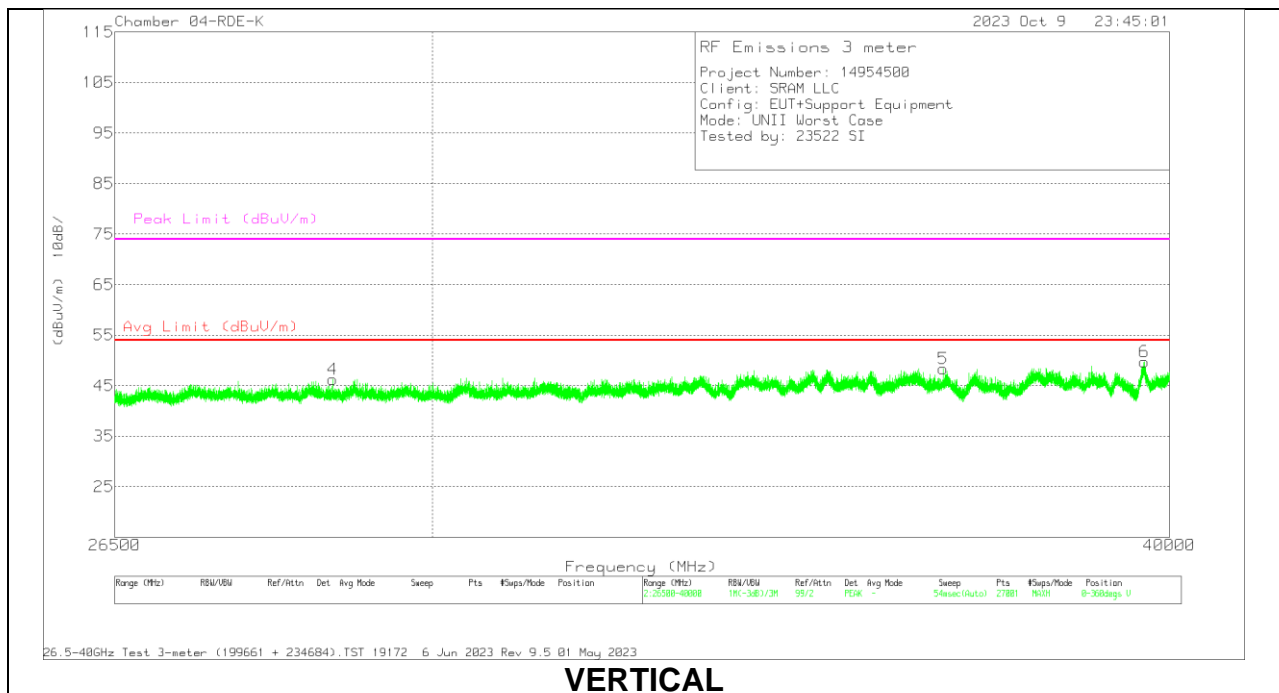
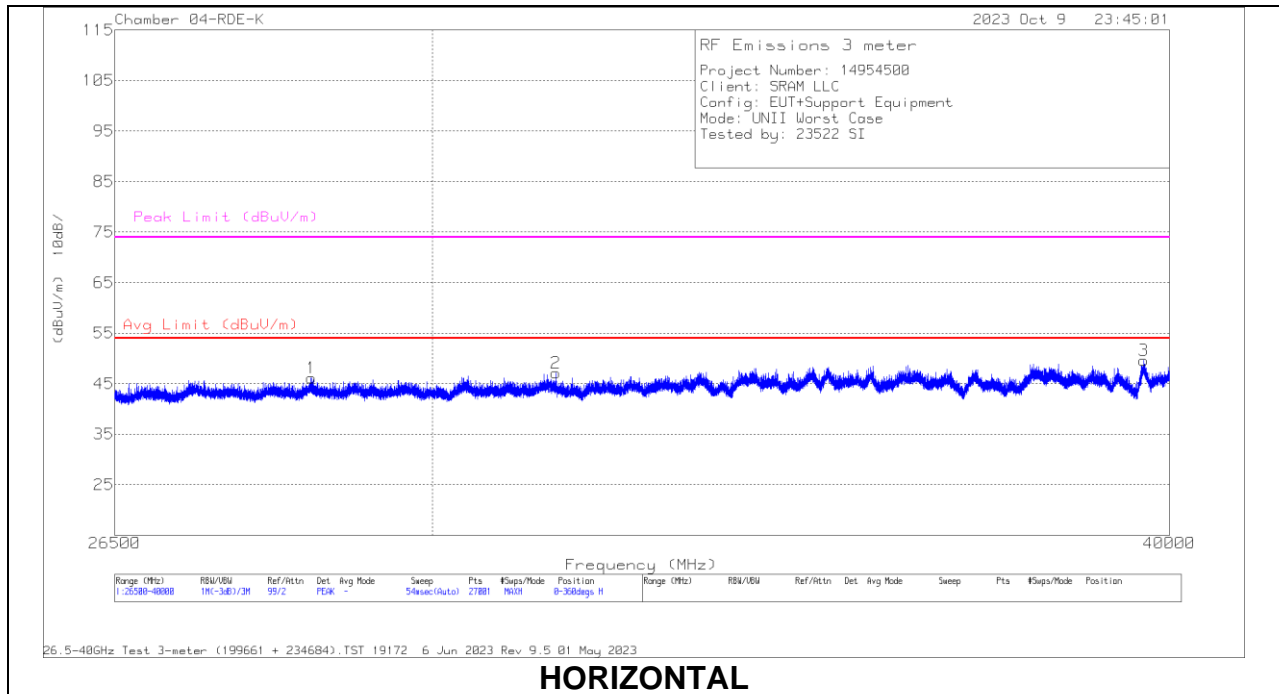
18 – 26GHz Data

Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	Horn ACF (dBm)	23463 Amp/Cbl (dB)	Cables (dB)	Corrected Reading (dBuVcbl)	Peak Limit (dBuV/m)	PK Margin (dB)	Average Limit dBuV/m	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 19347.722	51.98	Pk	32.5	-62.7	18.5	40.28	74	-33.72	-	-	0-360	199	H
2	* 20373.388	51.57	Pk	32.9	-61.7	18.9	41.67	74	-32.33	-	-	0-360	101	H
3	24082.692	50.82	Pk	33.7	-62.4	20.5	42.62	74	-31.38	-	-	0-360	199	H
4	* 19556.444	52.5	Pk	32.7	-62.7	18.6	41.1	74	-32.9	-	-	0-360	101	V
5	* 21123.749	50.85	Pk	33	-61.6	19.3	41.55	74	-32.45	-	-	0-360	200	V
6	24897.747	49.8	Pk	34	-62.1	20.8	42.5	74	-31.5	-	-	0-360	200	V

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

10.5. 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)	23484 Amp/Cbl (dB)	Cables (dB)	Corrected Reading (dBuV/m)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	28615	47.28	Pk	36.1	-59.8	22.6	46.18	74	-27.82	0-360	101	H
2	* 31479	47.62	Pk	36.6	-60.8	23.7	47.12	74	-26.88	0-360	101	H
3	* 39602	45.39	Pk	38.4	-61.4	27.2	49.59	74	-24.41	0-360	200	H
4	28857	47.39	Pk	36.3	-60	22.6	46.29	74	-27.71	0-360	200	V
5	36518	46.72	Pk	37.7	-62.1	26	43.32	74	-25.88	0-360	200	V
6	* 39612.5	45.79	Pk	38.4	-61.7	27.2	49.69	74	-24.31	0-360	101	V

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

11. AC POWER LINE CONDUCTED EMISSIONS

LIMITS

FCC §15.207 (a)

RSS-Gen 8.8

Frequency of Emission (MHz)	Conducted Limit (dBuV)	
	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.

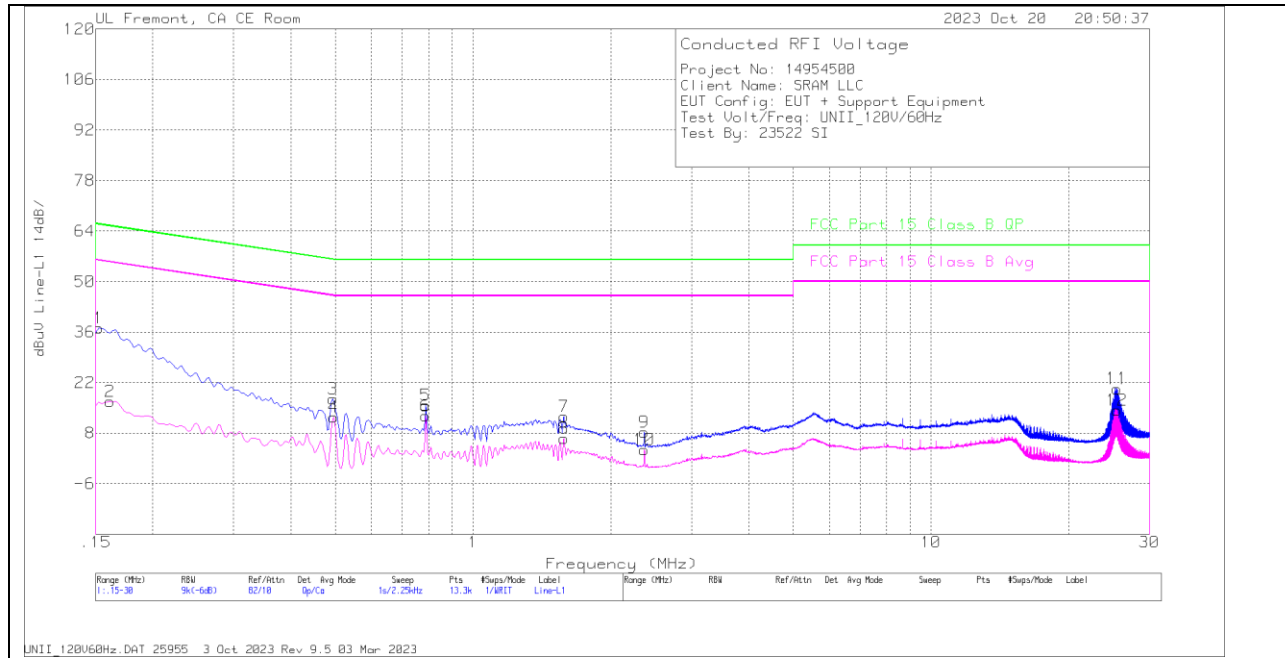
The receiver is set to a resolution bandwidth of 9 kHz. Peak detection is used unless otherwise noted as quasi-peak or average.

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

RESULTS

11.1.1. AC Power Line Norm

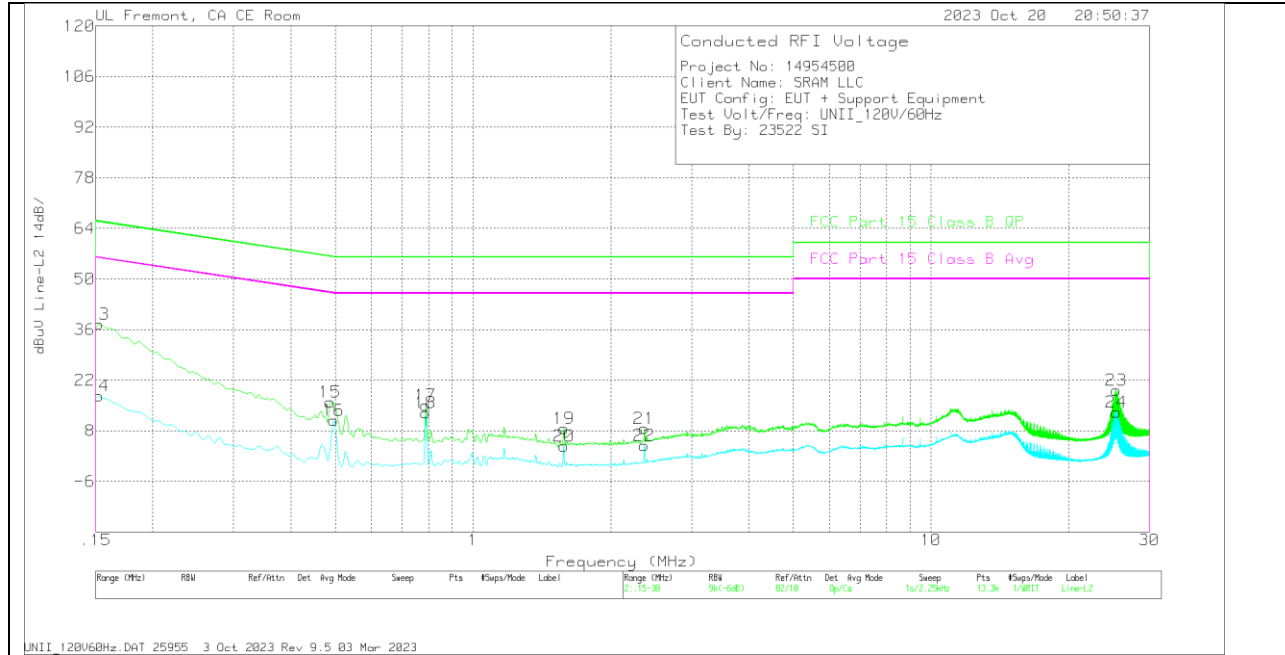
LINE 1 RESULTS



Range 1: Line-L1 .15 - 30MHz											
Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	LISN (dB)	Cbl (dB)	Trms Limiter (dB)	Corrected Reading (dBuV)	FCC Part 15 Class B QP	QP Margin (dB)	FCC Part 15 Class B Avg	Av(CISPR)M argin (dB)
1	.1523	27.58	Qp	0	0	9.5	37.08	65.88	-28.8	-	-
2	.1613	7.33	Ca	0	0	9.5	16.83	-	-	55.4	-38.57
3	.4943	8.13	Qp	0	0	9.3	17.43	56.1	-38.67	-	-
4	.4965	3.08	Ca	0	0	9.3	12.38	-	-	46.06	-33.68
5	.789	6.3	Qp	0	.1	9.3	15.7	56	-40.3	-	-
6	.789	3.42	Ca	0	.1	9.3	12.82	-	-	46	-33.18
7	1.5788	3.21	Qp	0	.1	9.3	12.61	56	-43.39	-	-
8	1.5788	-2.9	Ca	0	.1	9.3	6.5	-	-	46	-39.5
9	2.3663	-1.23	Qp	0	.1	9.4	8.27	56	-47.73	-	-
10	2.3663	-6.01	Ca	0	.1	9.4	3.49	-	-	46	-42.51
11	25.4625	10.46	Qp	.2	.3	9.4	20.36	60	-39.64	-	-
12	25.4648	4.47	Ca	.2	.3	9.4	14.37	-	-	50	-35.63

Qp - Quasi-Peak detector
 Ca - CISPR average detection

LINE 2 RESULTS



Range 2: Line-L2 .15 - 30MHz											
Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	LISN (dB)	Cbl (dB)	Tms Limiter (dB)	Corrected Reading (dBuV)	FCC Part 15 Class B QP	QP Margin (dB)	FCC Part 15 Class B Avg	Av(CISPR)M argin (dB)
13	.1523	27.97	Qp	0	0	9.5	37.47	65.88	-28.41	-	-
14	.1523	8.22	Ca	0	0	9.5	17.72	-	-	55.88	-38.16
15	.4875	6.64	Qp	0	0	9.3	15.94	56.21	-40.27	-	-
16	.4965	1.51	Ca	0	0	9.3	10.81	-	-	46.06	-35.25
17	.789	5.71	Qp	0	0	9.3	15.01	56	-40.99	-	-
18	.789	3.7	Ca	0	0	9.3	13	-	-	46	-33
19	1.5788	-8.3	Qp	0	.1	9.3	8.57	56	-47.43	-	-
20	1.5788	-5.64	Ca	0	.1	9.3	3.76	-	-	46	-42.24
21	2.3663	-.8	Qp	0	.1	9.4	8.7	56	-47.3	-	-
22	2.3663	-5.52	Ca	0	.1	9.4	3.98	-	-	46	-42.02
23	25.3973	9.26	Qp	.2	.3	9.4	19.16	60	-40.84	-	-
24	25.3973	3.32	Ca	.2	.3	9.4	13.22	-	-	50	-36.78

Qp - Quasi-Peak detector
 Ca - CISPR average detection