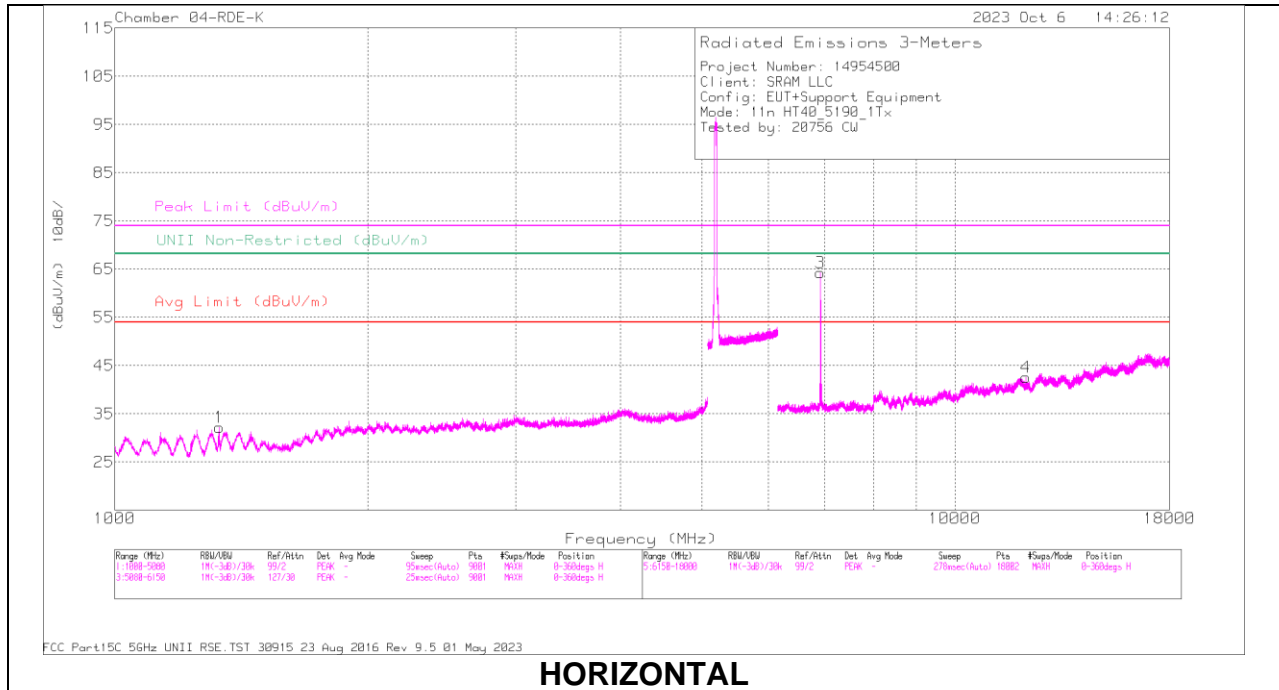
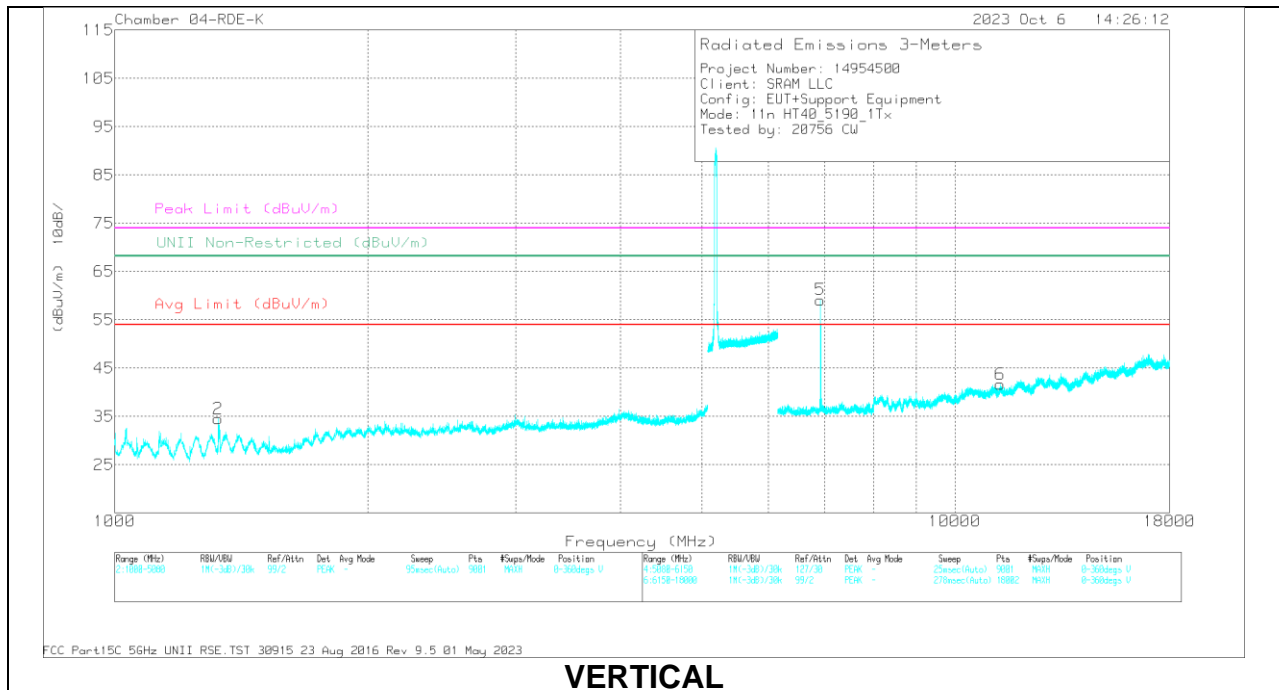


**HARMONICS AND SPURIOUS EMISSIONS**

**LOW CHANNEL RESULTS**



**HORIZONTAL**



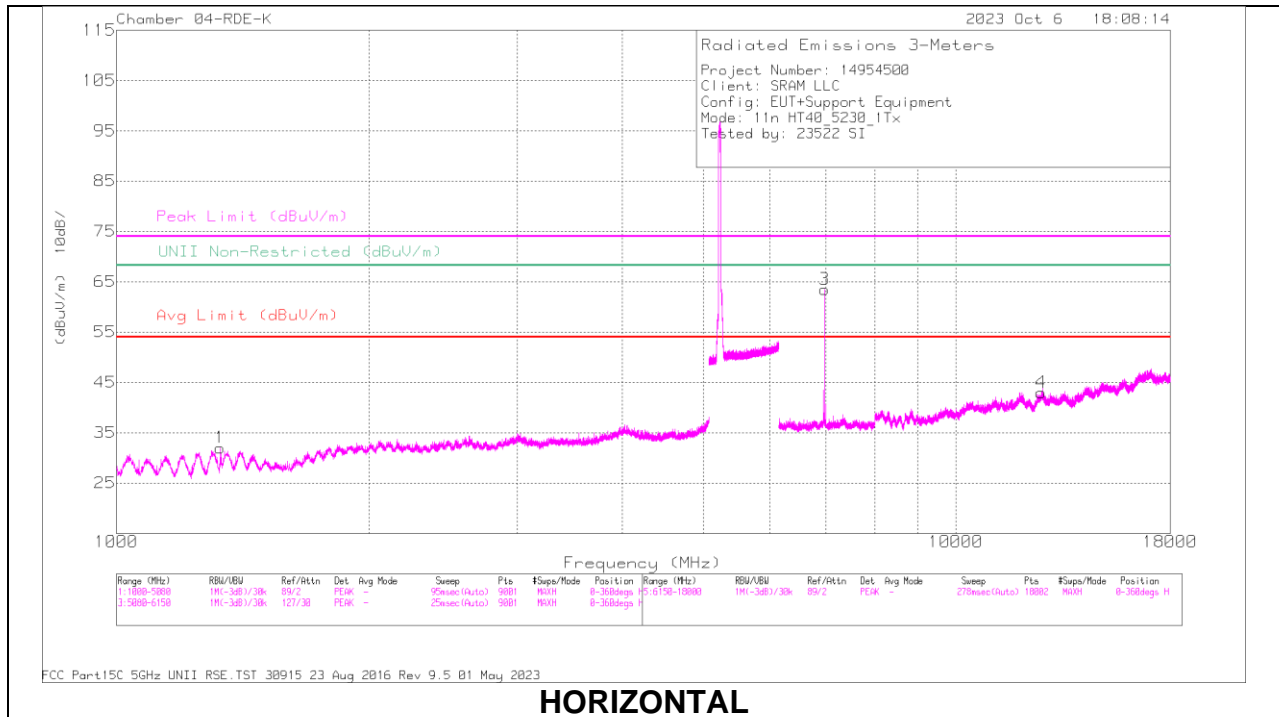
**VERTICAL**

**RADIATED EMISSIONS**

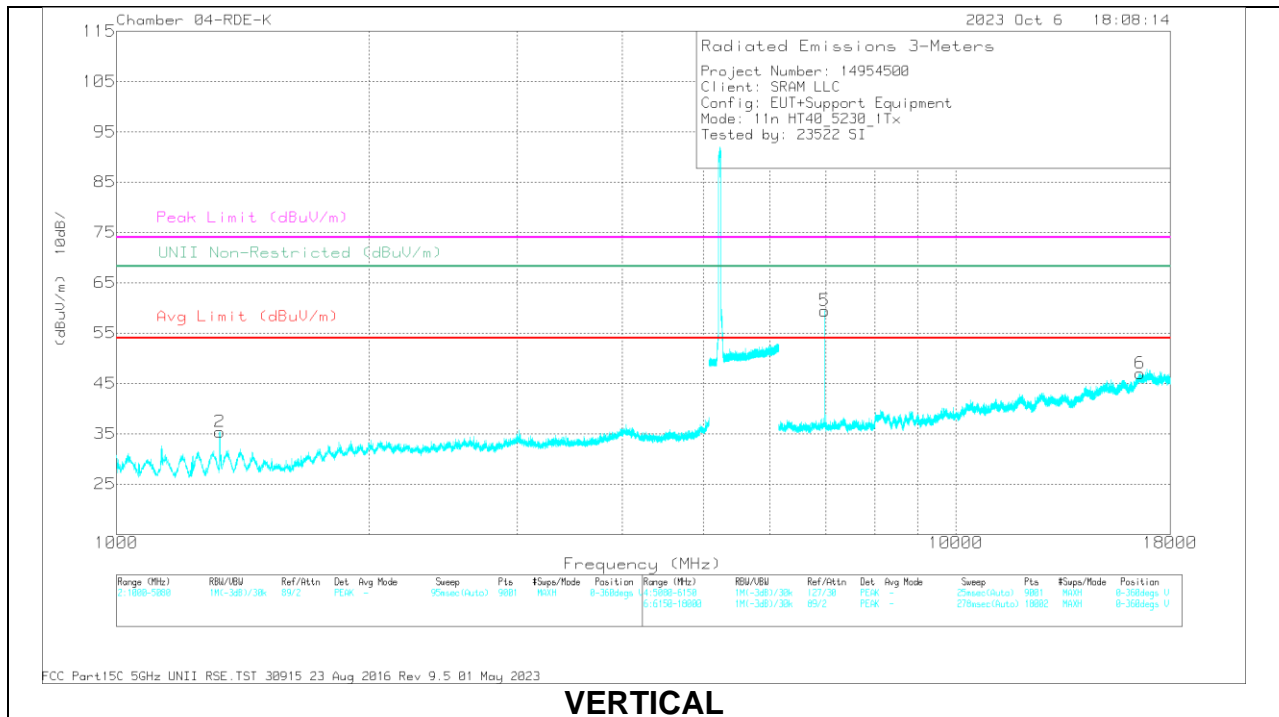
Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	223083 ACF 3m (dB/m)	Cbl/Amp (dB)	DCCF (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 1333.4	61.47	PK-U	29	-45.8	0	44.67	-	-	74	-29.33	-	-	251	177	H
	* 1331.56	45.24	ADR	29	-45.8	.16	28.6	54	-25.4	-	-	-	-	251	177	H
2	* 1327.586	63.41	PK-U	29	-45.8	0	46.61	-	-	74	-27.39	-	-	204	270	V
	* 1328.685	46.28	ADR	29	-45.8	.16	29.64	54	-24.36	-	-	-	-	204	270	V
3	6919.984	68.5	PK-U	35.7	-37.3	0	66.9	-	-	-	-	68.2	-1.3	166	113	H
	6919.912	65.8	ADR	35.7	-37.3	.16	64.36	-	-	-	-	-	-	166	113	H
4	* 12139.871	46.98	PK-U	38.8	-34	0	51.78	-	-	74	-22.22	-	-	341	246	H
	* 12139.644	35.19	ADR	38.8	-34.1	.16	40.05	54	-13.95	-	-	-	-	341	246	H
5	6919.982	65.22	PK-U	35.7	-37.3	0	63.62	-	-	-	-	68.2	-4.58	214	246	V
	6919.951	62.28	ADR	35.7	-37.3	.16	60.84	-	-	-	-	-	-	214	246	V
6	* 11311.435	48.81	PK-U	37.8	-35.4	0	51.21	-	-	74	-22.79	-	-	157	247	V
	* 11311.45	37.08	ADR	37.8	-35.4	.16	39.64	54	-14.36	-	-	-	-	157	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

### 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	* 1328.17	60.41	PK-U	29	-45.8	0	43.61	-	-	74	-30.39	-	-	149	136	H
	* 1327.911	44.7	ADR	29	-45.8	.16	28.06	54	-25.94	-	-	-	-	149	136	H
2	* 1327.744	63.15	PK-U	29	-45.8	0	46.35	-	-	74	-27.65	-	-	195	281	V
	* 1328.857	47.12	ADR	29	-45.8	.16	30.48	54	-23.52	-	-	-	-	195	281	V
3	6973.403	67.8	PK-U	35.7	-37.3	0	66.2	-	-	-	-	68.2	-2	168	102	H
	6973.243	65.15	ADR	35.7	-37.2	.16	63.81	-	-	-	-	-	-	168	102	H
4	* 12633.173	47.3	PK-U	39.4	-33.7	0	53	-	-	74	-21	-	-	112	394	H
	* 12634.399	35.44	ADR	39.4	-33.7	.16	41.3	54	-12.7	-	-	-	-	112	394	H
5	6973.32	64.07	PK-U	35.7	-37.3	0	62.47	-	-	-	-	68.2	-5.73	214	254	V
	6973.268	61.22	ADR	35.7	-37.3	.16	59.78	-	-	-	-	-	-	214	254	V
6	16573.379	46.7	PK-U	41.2	-32.1	0	55.8	-	-	-	-	68.2	-12.4	0	366	V
	16574.065	34.78	ADR	41.2	-32.1	.16	44.04	-	-	-	-	-	-	0	366	V

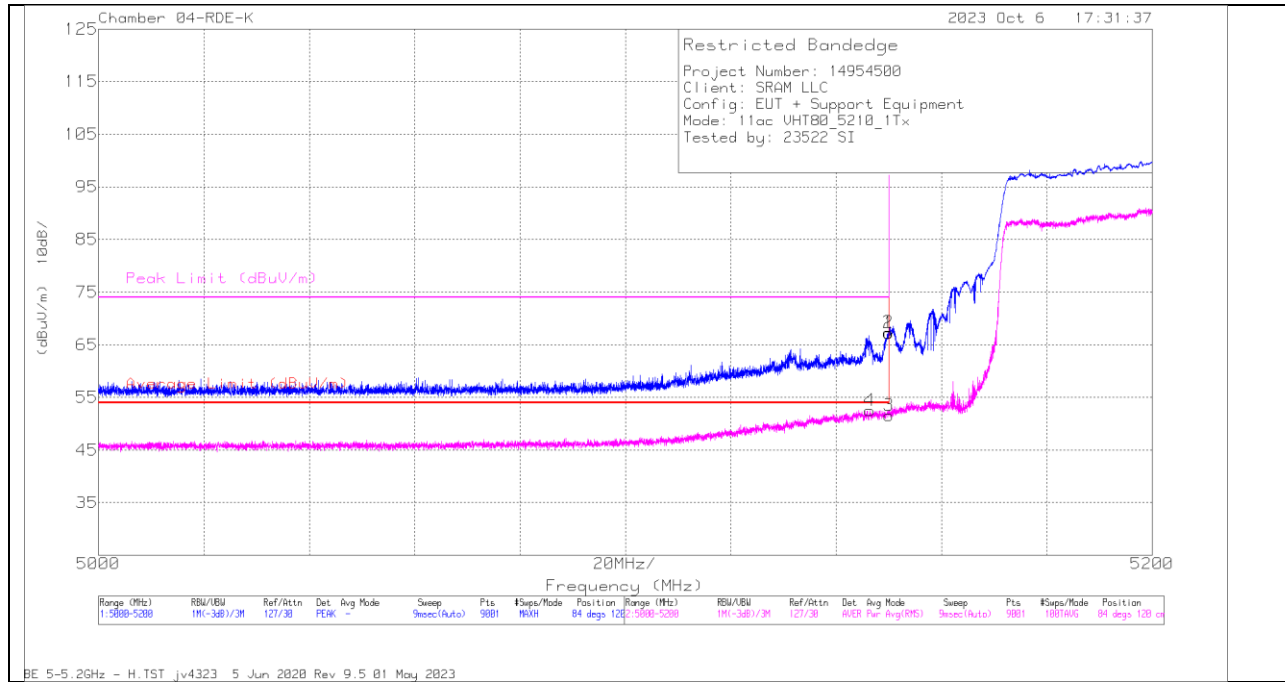
\* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band  
 PK-U - U-NII: Maximum Peak  
 ADR - U-NII AD primary method, RMS average

**10.1.4. TX ABOVE 1 GHz 802.11ac VHT80 MODE IN THE 5.2 GHz BAND**

**1TX Antenna 1 MODE**

**BANDEDGE (MID CHANNEL)**

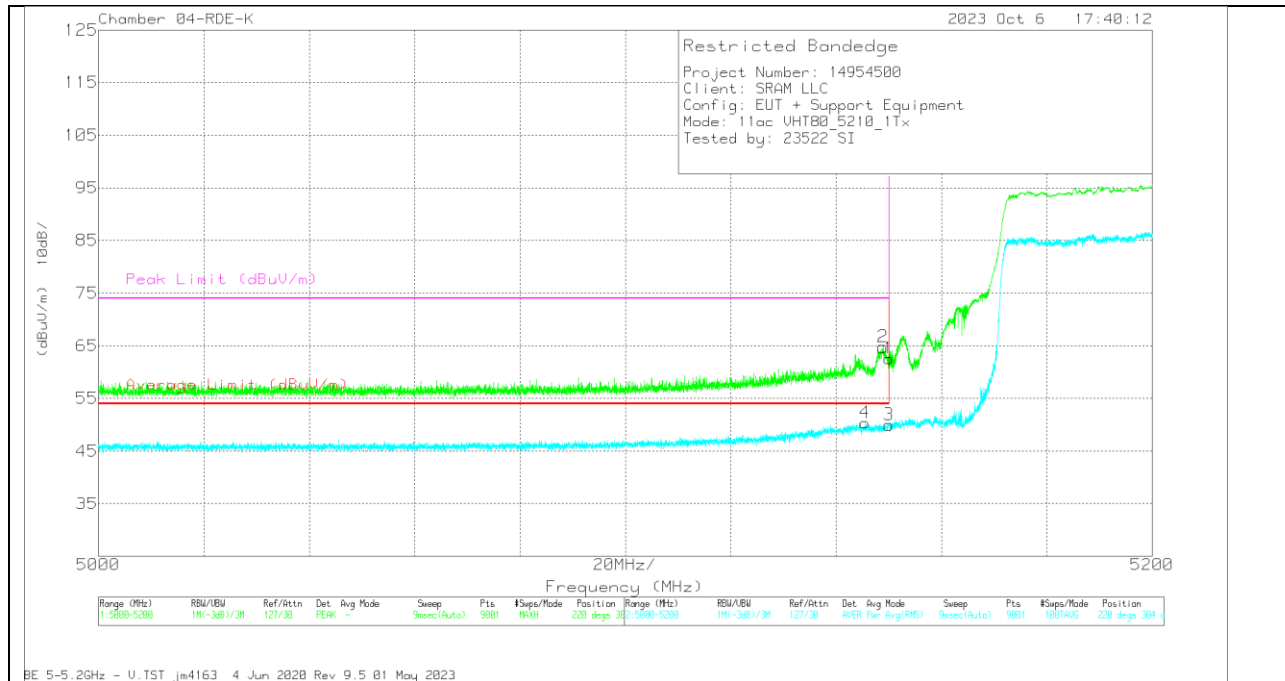
**HORIZONTAL RESULT**



Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	223083 ACF 3m (dB/m)	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	* 5150	63.25	Pk	34.1	-30.1	0	67.25	-	-	74	-6.75	84	120	H
2	* 5149.887	63.31	Pk	34.1	-30.1	0	67.31	-	-	74	-6.69	84	120	H
3	* 5150	47.24	RMS	34.1	-30.1	.33	51.57	54	-2.43	-	-	84	120	H
4	* 5146.399	48.37	RMS	34	-30.2	.33	52.5	54	-1.5	-	-	84	120	H

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

### VERTICAL RESULT

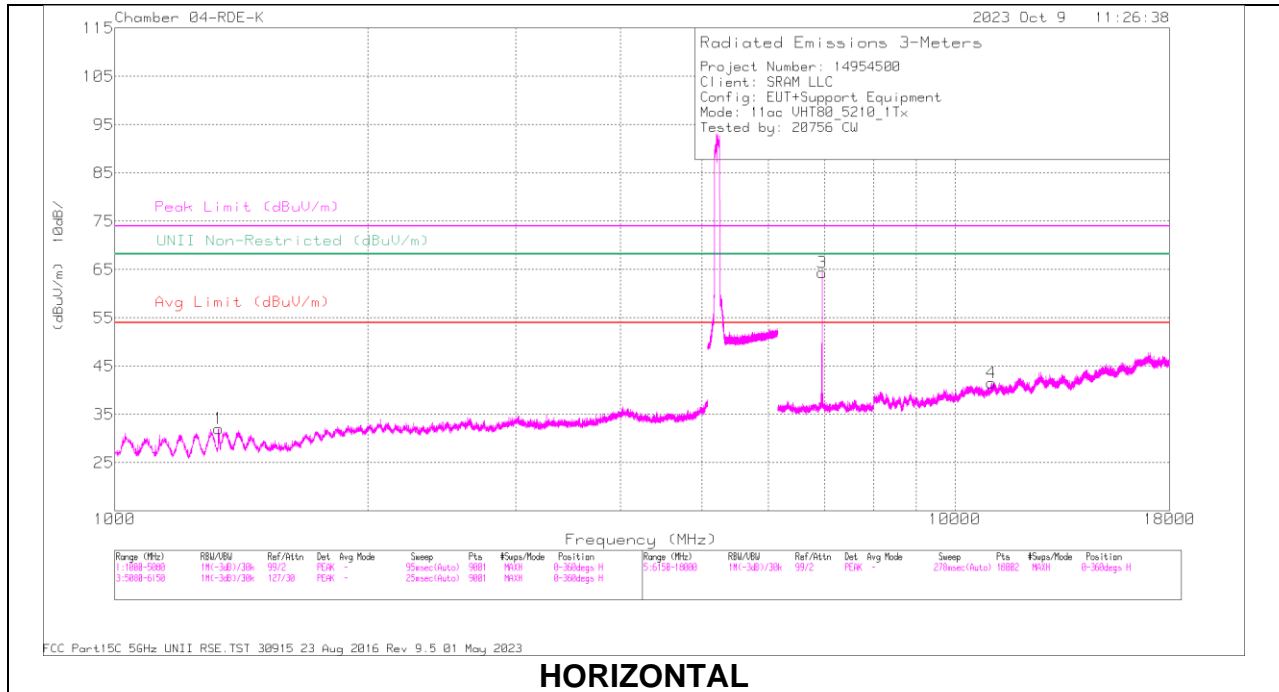


Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	223083 ACF 3m (dB/m)	Cbl/Amp (dB)	DCCF (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 5150	58.59	Pk	34.1	-30.1	0	62.59	-	-	74	-11.41	220	304	V
2	* 5148.887	60.97	Pk	34	-30.2	0	64.77	-	-	74	-9.23	220	304	V
3	* 5150	45.63	RMS	34.1	-30.1	.33	49.96	54	-4.04	-	-	220	304	V
4	* 5145.465	46.34	RMS	34	-30.3	.33	50.37	54	-3.63	-	-	220	304	V

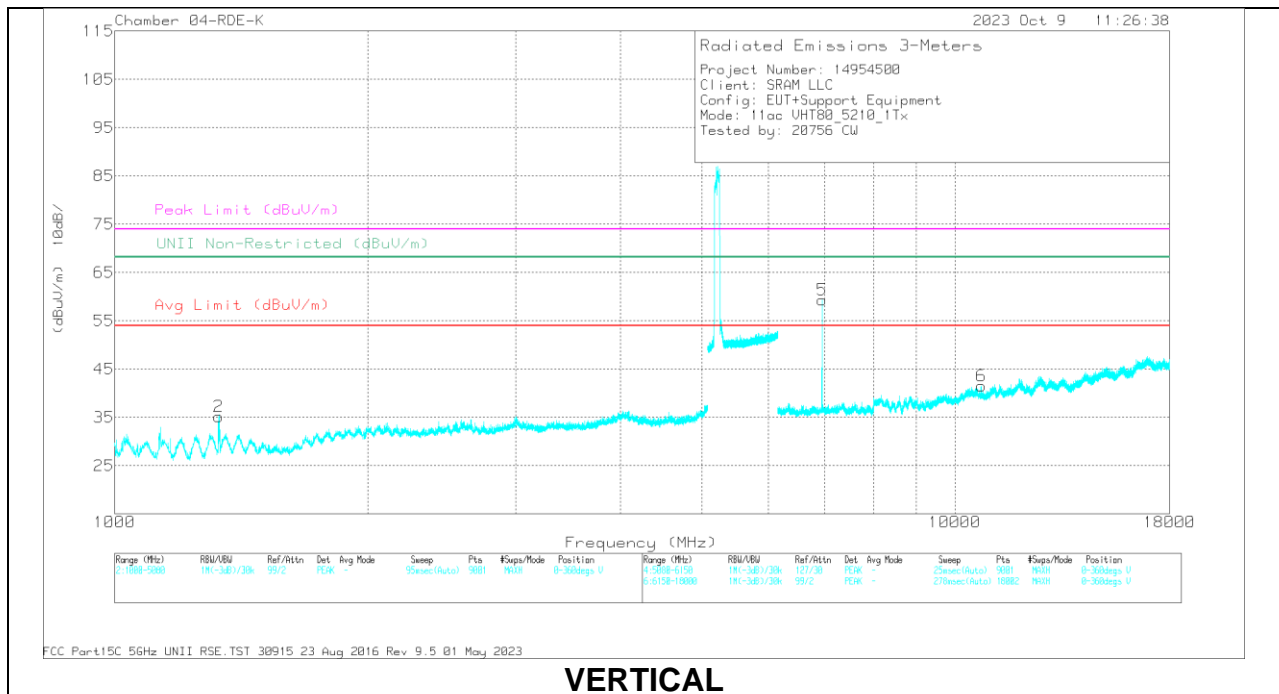
\* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band  
 Pk - Peak detector  
 RMS - RMS detection

**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	* 1327.665	62.39	PK-U	29	-45.8	0	45.59	-	-	74	-28.41	-	-	260	135	H
	* 1329.409	45.35	ADR	29	-45.8	.33	28.88	54	-25.12	-	-	-	-	260	135	H
2	* 1329.726	61.79	PK-U	29	-45.8	0	44.99	-	-	74	-29.01	-	-	222	148	V
	* 1330.005	45.63	ADR	29	-45.8	.33	29.16	54	-24.84	-	-	-	-	222	148	V
3	6946.635	68.09	PK-U	35.7	-37.2	0	66.59	-	-	-	-	68.2	-1.61	174	101	H
4	* 11046.856	48.92	PK-U	38	-35.8	0	51.12	-	-	74	-22.88	-	-	335	312	H
	* 11046.911	37.09	ADR	38	-35.8	.33	39.62	54	-14.38	-	-	-	-	335	312	H
5	6946.582	64.99	PK-U	35.7	-37.2	0	63.49	-	-	-	-	68.2	-4.71	217	256	V
6	* 10743.065	48.73	PK-U	37.9	-36.3	0	50.33	-	-	74	-23.67	-	-	115	349	V
	* 10743.035	37.17	ADR	37.9	-36.3	.33	39.1	54	-14.9	-	-	-	-	115	349	V

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

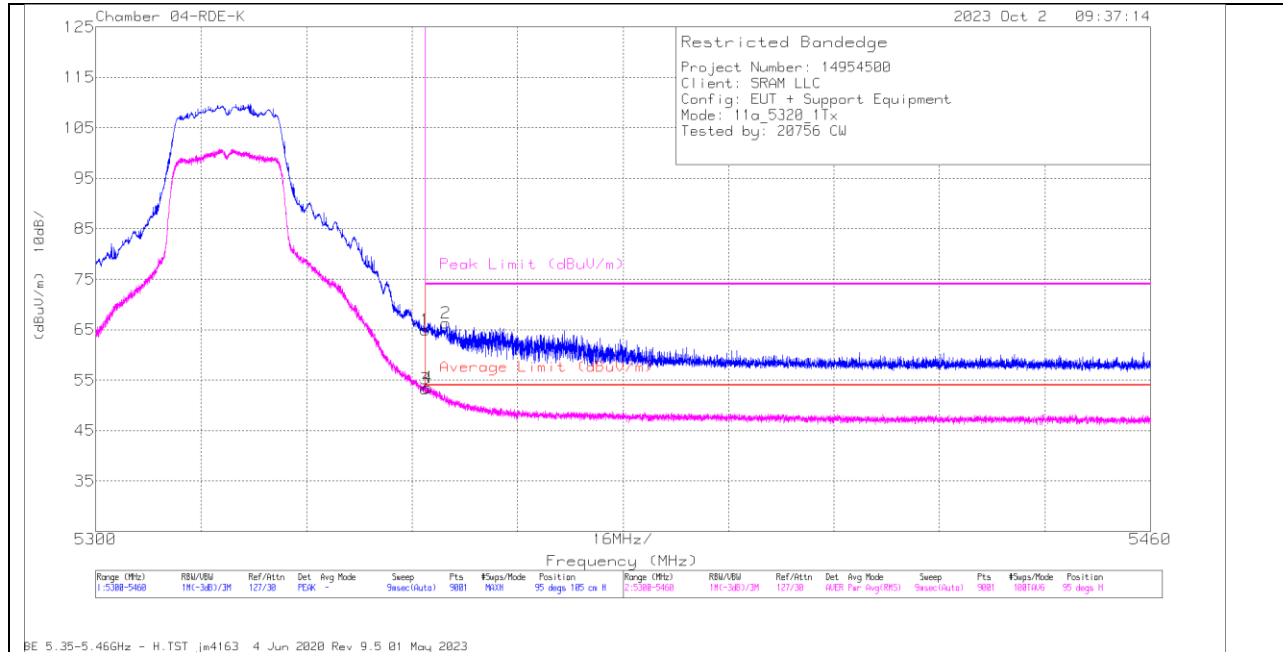


**10.1.5. TX ABOVE 1 GHz 802.11a MODE IN THE 5.3 GHz BAND**

**1TX Antenna 1 MODE**

**BANDEDGE (HIGH CHANNEL)**

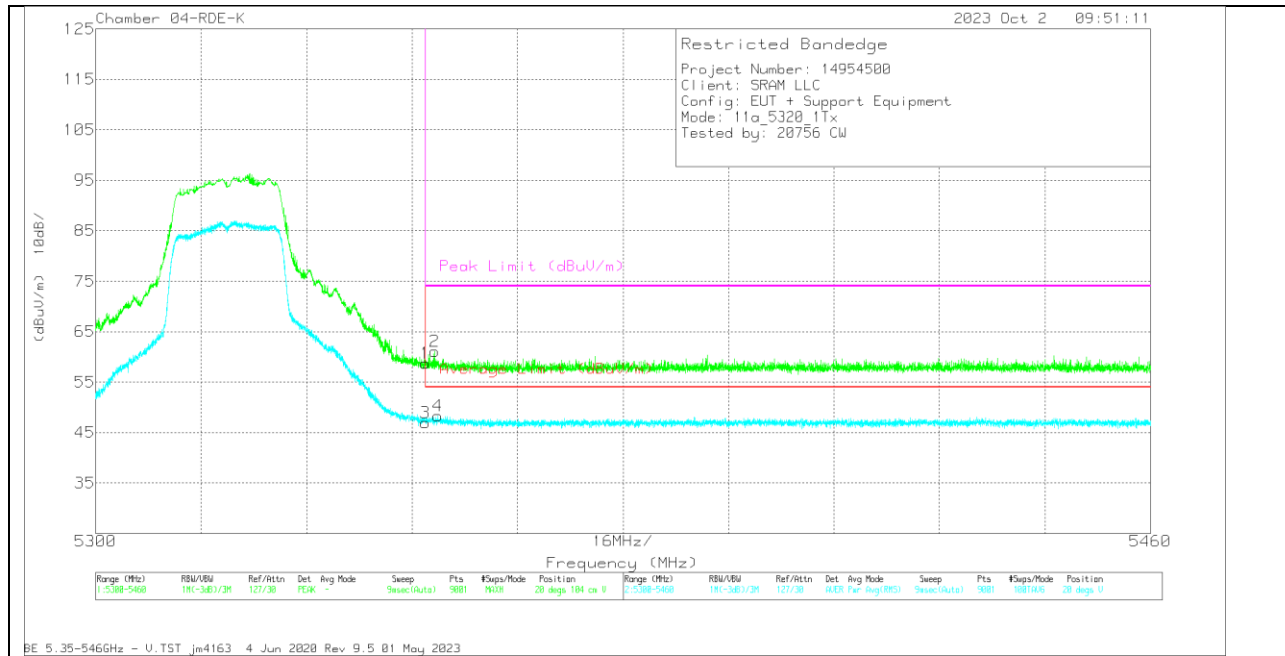
**HORIZONTAL RESULT**



Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	223083 ACF 3m (dB/m)	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	* 5350	60.39	Pk	34.5	-30	64.89	-	-	74	-9.11	95	105	H
2	* 5353.156	61.72	Pk	34.5	-29.9	66.32	-	-	74	-7.68	95	105	H
3	* 5350	48.76	RMS	34.5	-30	53.26	54	-7.4	-	-	95	105	H
4	* 5350.401	49.07	RMS	34.5	-30	53.57	54	-4.3	-	-	95	105	H

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

### VERTICAL RESULT

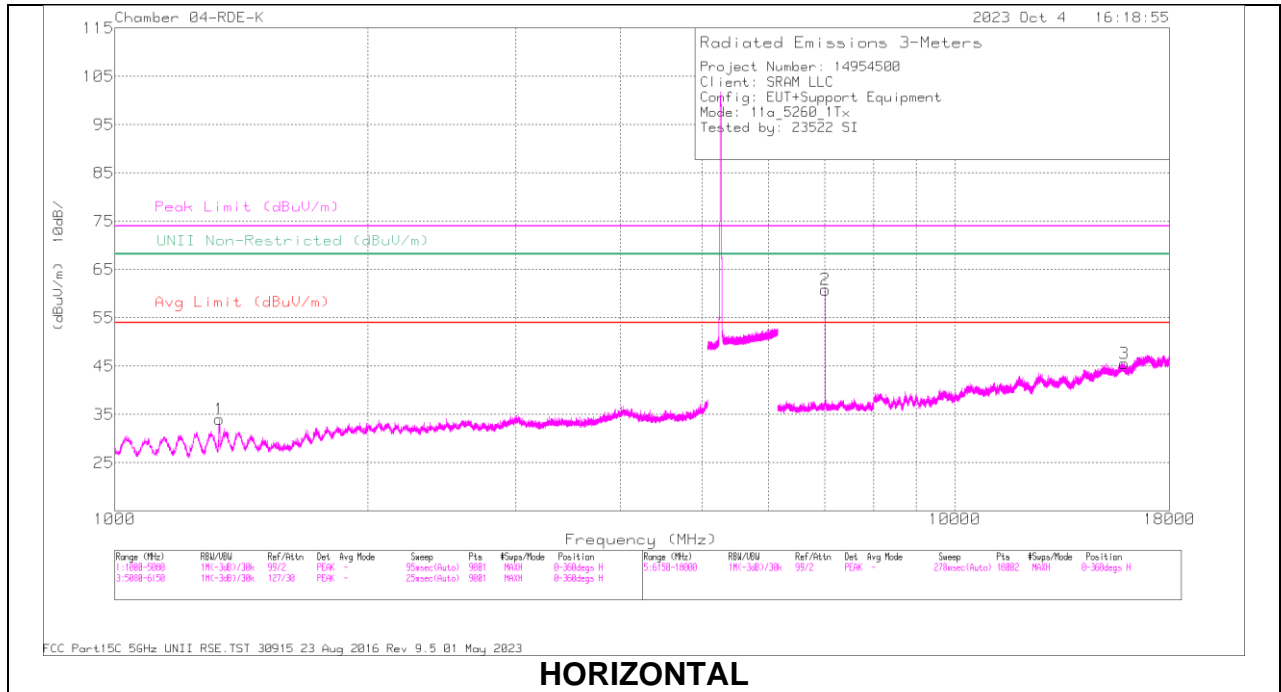


Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	223083 ACF 3m (dB/m)	Cb/Amp (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 5350	54.18	Pk	34.5	-30	58.68	-	-	74	-15.32	20	104	V
2	* 5351.414	56.5	Pk	34.5	-29.9	61.1	-	-	74	-12.9	20	104	V
3	* 5350	42.45	RMS	34.5	-30	46.95	54	-7.05	-	-	20	104	V
4	* 5351.858	43.62	RMS	34.5	-29.8	48.32	54	-5.68	-	-	20	104	V

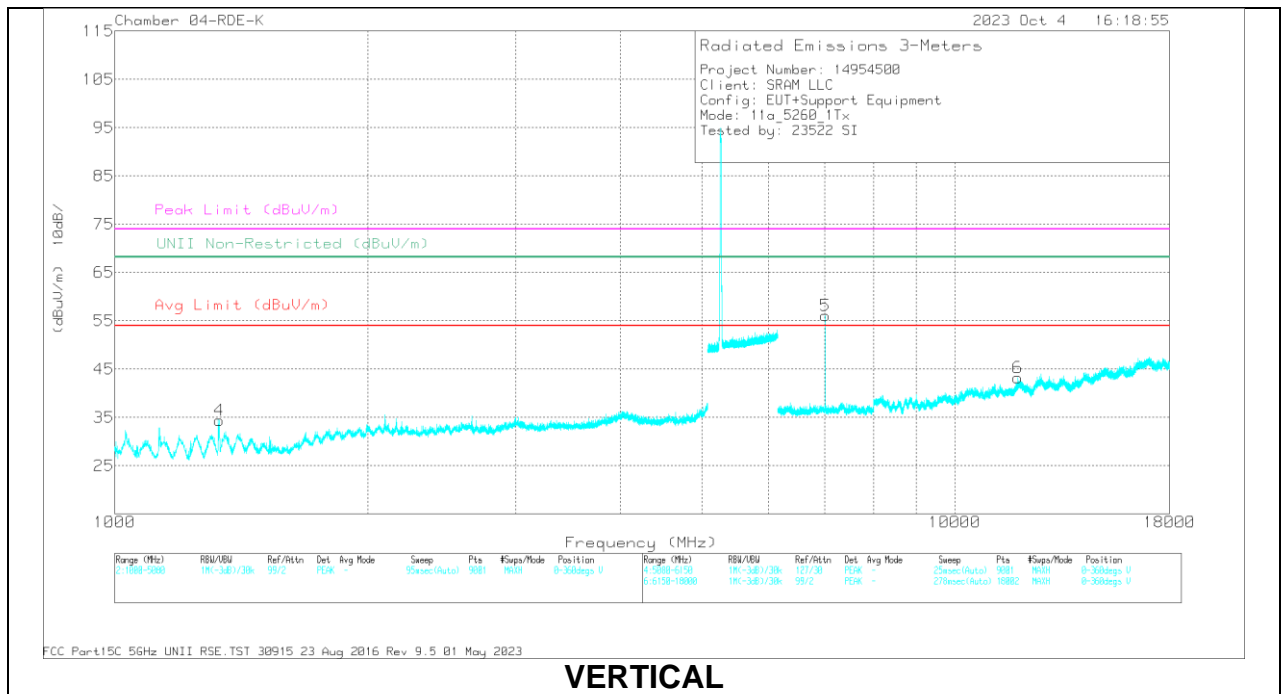
\* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band  
 Pk - Peak detector  
 RMS - RMS detection

**HARMONICS AND SPURIOUS EMISSIONS**

**LOW CHANNEL RESULTS**



**HORIZONTAL**



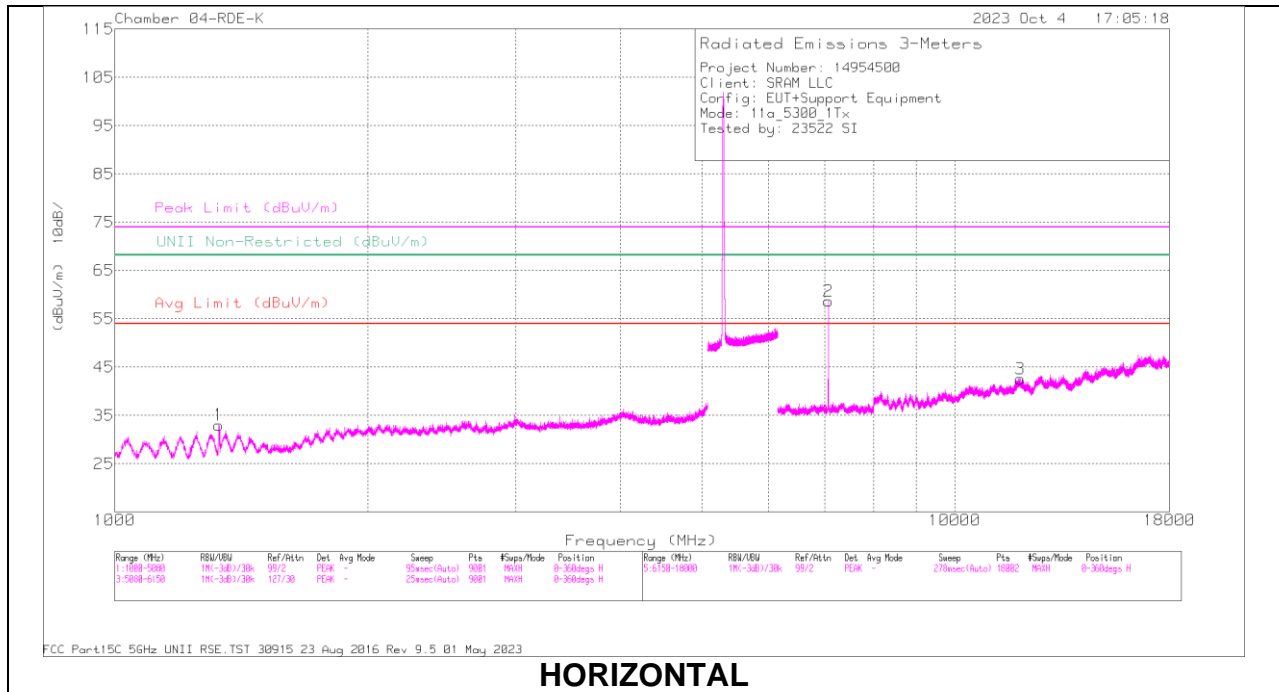
**VERTICAL**

**RADIATED EMISSIONS**

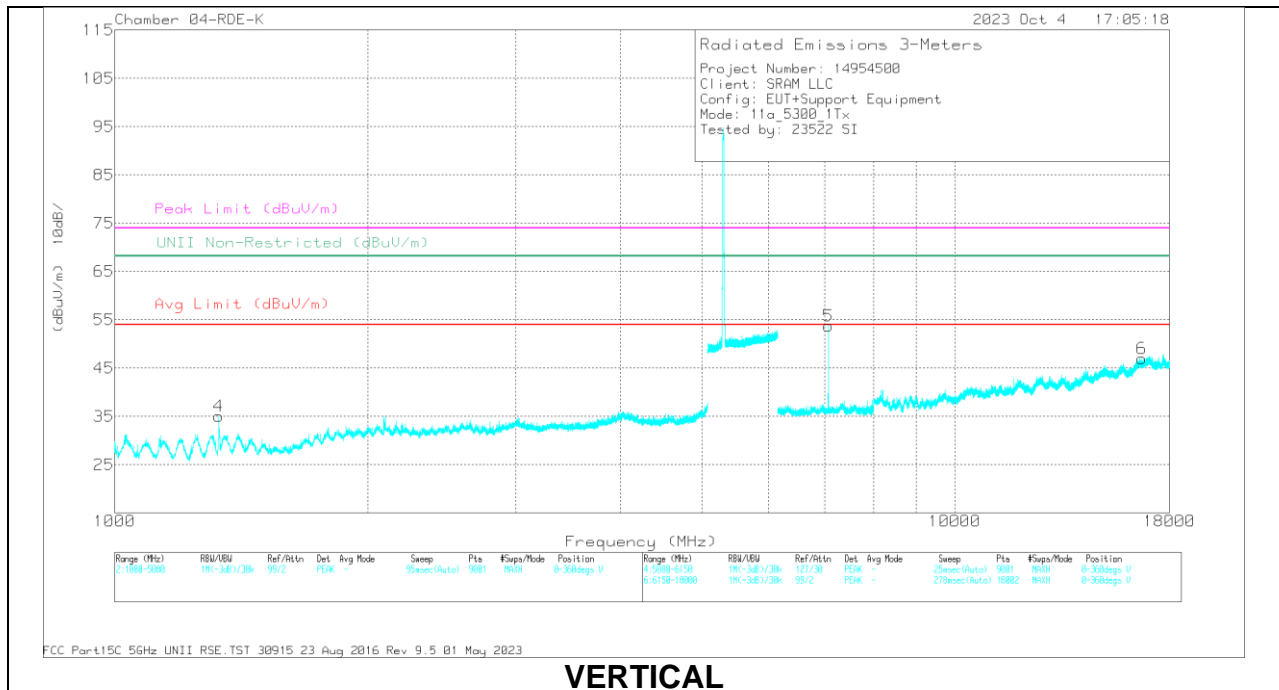
Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	23083 ACF 3m (dB/m)	Cbl/Amp (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 1331.785	60.72	PK-U	29	-45.8	43.92	-	-	74	-30.08	-	-	157	112	H
	* 1332.731	45.49	ADR	29	-45.8	28.69	54	-25.31	-	-	-	-	157	112	H
	* 1331.159	64.83	PK-U	29	-45.8	48.03	-	-	74	-25.97	-	-	206	179	V
2	* 1331.327	48.07	ADR	29	-45.8	31.27	54	-22.73	-	-	-	-	206	179	V
	7013.309	66.91	PK-U	35.7	-37.7	64.91	-	-	-	-	68.2	-3.29	172	115	H
	7013.244	62.77	ADR	35.7	-37.7	60.77	-	-	-	-	-	-	172	115	H
3	* 15903.568	46.65	PK-U	40.2	-32.3	54.55	-	-	74	-19.45	-	-	147	360	H
	* 15904.013	35.49	ADR	40.2	-32.3	43.39	54	-10.61	-	-	-	-	147	360	H
	7013.301	63.53	PK-U	35.7	-37.7	61.53	-	-	-	-	68.2	-6.67	222	262	V
5	7013.255	59.23	ADR	35.7	-37.7	57.23	-	-	-	-	-	-	222	262	V
	* 11880.205	47.63	PK-U	38.4	-34.4	51.63	-	-	74	-22.37	-	-	261	205	V
	* 11878.345	35.41	ADR	38.4	-34.5	39.31	54	-14.69	-	-	-	-	261	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

### MID CHANNEL RESULTS



**HORIZONTAL**



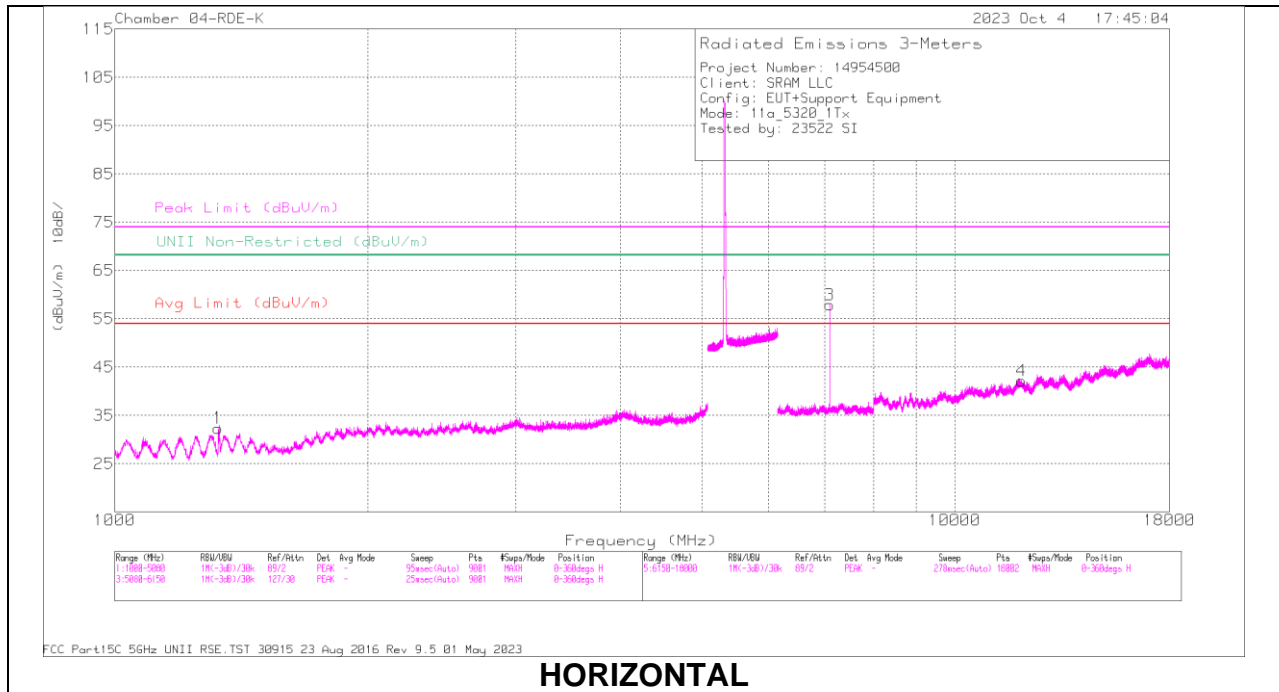
**VERTICAL**

**RADIATED EMISSIONS**

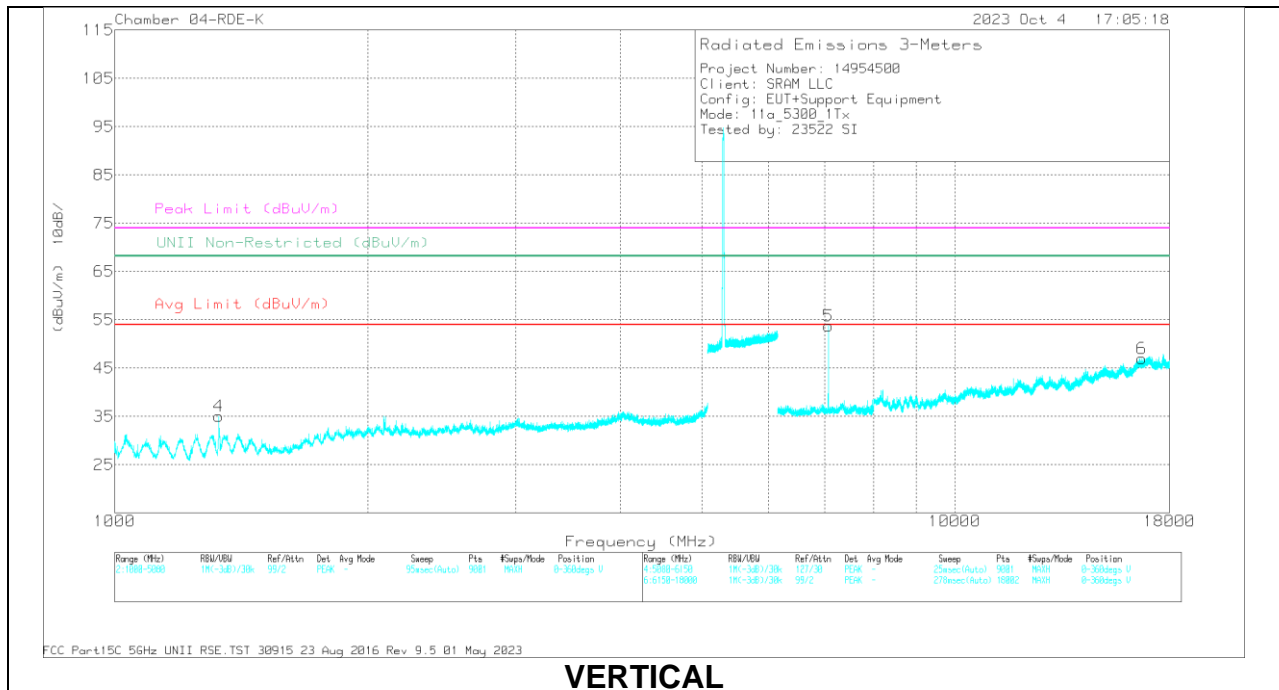
Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	223083 ACF 3m (dB/m)	Cbl/Amp (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 1328.568	61.02	PK-U	29	-45.8	44.22	-	-	74	-29.78	-	-	155	149	H
	* 1328.543	44.68	ADR	29	-45.8	27.88	54	-26.12	-	-	-	-	155	149	H
4	* 1332.93	63.72	PK-U	29	-45.8	46.92	-	-	74	-27.08	-	-	203	256	V
	* 1331.909	47.26	ADR	29	-45.8	30.48	54	-23.52	-	-	-	-	203	256	V
2	7068.597	65.02	PK-U	35.8	-37.7	63.12	-	-	-	-	68.2	-5.08	174	107	H
	7068.608	60.77	ADR	35.8	-37.7	58.87	-	-	-	-	-	-	174	107	H
3	* 11952.091	47.17	PK-U	38.6	-34	51.77	-	-	74	-22.23	-	-	261	390	H
	* 11953.372	35.74	ADR	38.6	-34.1	40.24	54	-13.76	-	-	-	-	261	390	H
5	7068.737	61.78	PK-U	35.8	-37.7	59.88	-	-	-	-	68.2	-8.32	222	266	V
	7068.56	57.36	ADR	35.8	-37.7	55.46	-	-	-	-	-	-	222	266	V
6	16700.33	46.27	PK-U	41.5	-32	55.77	-	-	-	-	68.2	-12.43	110	319	V
	16703.805	34.13	ADR	41.6	-32	43.73	-	-	-	-	-	-	110	319	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	* 1328.568	61.02	PK-U	29	-45.8	44.22	-	-	74	-29.78	-	-	155	149	H
	* 1328.543	44.68	ADR	29	-45.8	27.88	54	-26.12	-	-	-	-	155	149	H
4	* 1332.393	63.72	PK-U	29	-45.8	46.92	-	-	74	-27.08	-	-	203	256	V
	* 1331.909	47.28	ADR	29	-45.8	30.48	54	-23.52	-	-	-	-	203	256	V
2	* 7066.597	65.02	PK-U	35.8	-37.7	63.12	-	-	-	-	68.2	-5.08	174	107	H
	7066.608	60.77	ADR	35.8	-37.7	58.87	-	-	-	-	-	-	174	107	H
3	* 11952.091	47.17	PK-U	38.6	-34	51.77	-	-	74	-22.23	-	-	261	390	H
	* 11953.372	35.74	ADR	38.6	-34.1	40.24	54	-13.76	-	-	-	-	261	390	H
5	* 7066.737	61.78	PK-U	35.8	-37.7	59.88	-	-	-	-	68.2	-8.32	222	266	V
	7066.56	57.36	ADR	35.8	-37.7	55.46	-	-	-	-	-	-	222	266	V
6	* 16700.33	46.27	PK-U	41.5	-32	55.77	-	-	-	-	68.2	-12.43	110	319	V
	16703.805	34.13	ADR	41.6	-32	43.73	-	-	-	-	-	-	110	319	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

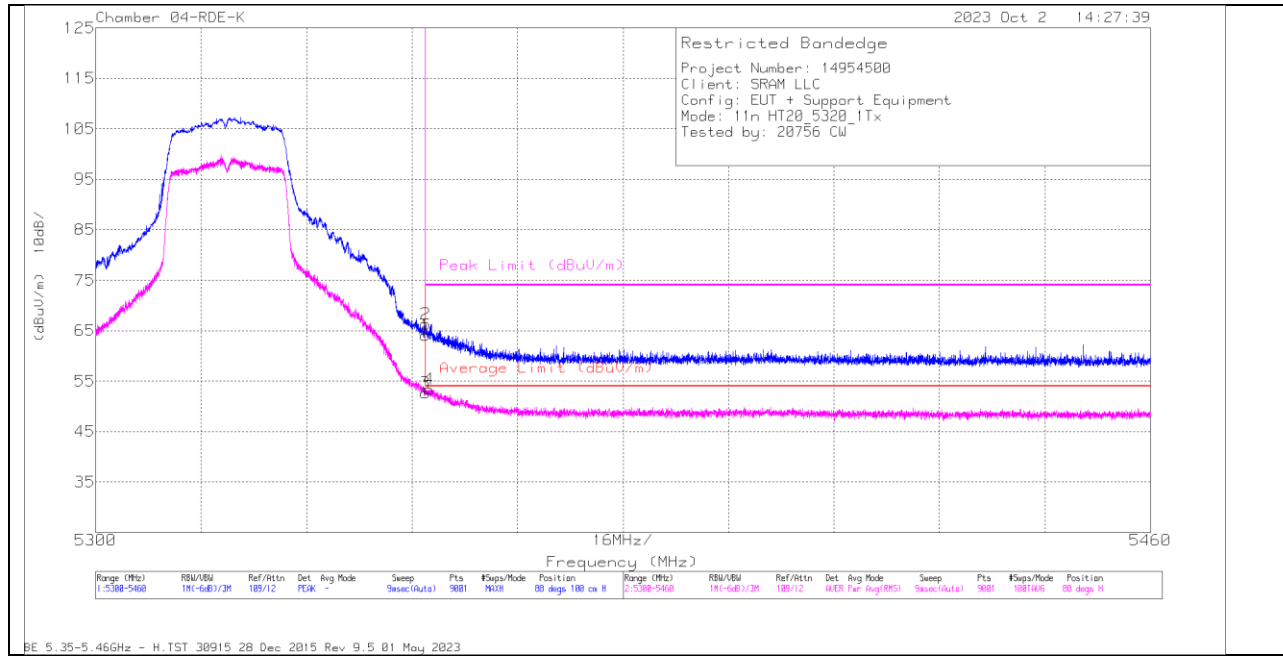


**10.1.6. TX ABOVE 1 GHz 802.11n HT20 MODE IN THE 5.3 GHz BAND**

**1TX Antenna 1 MODE**

**BANDEDGE (HIGH CHANNEL)**

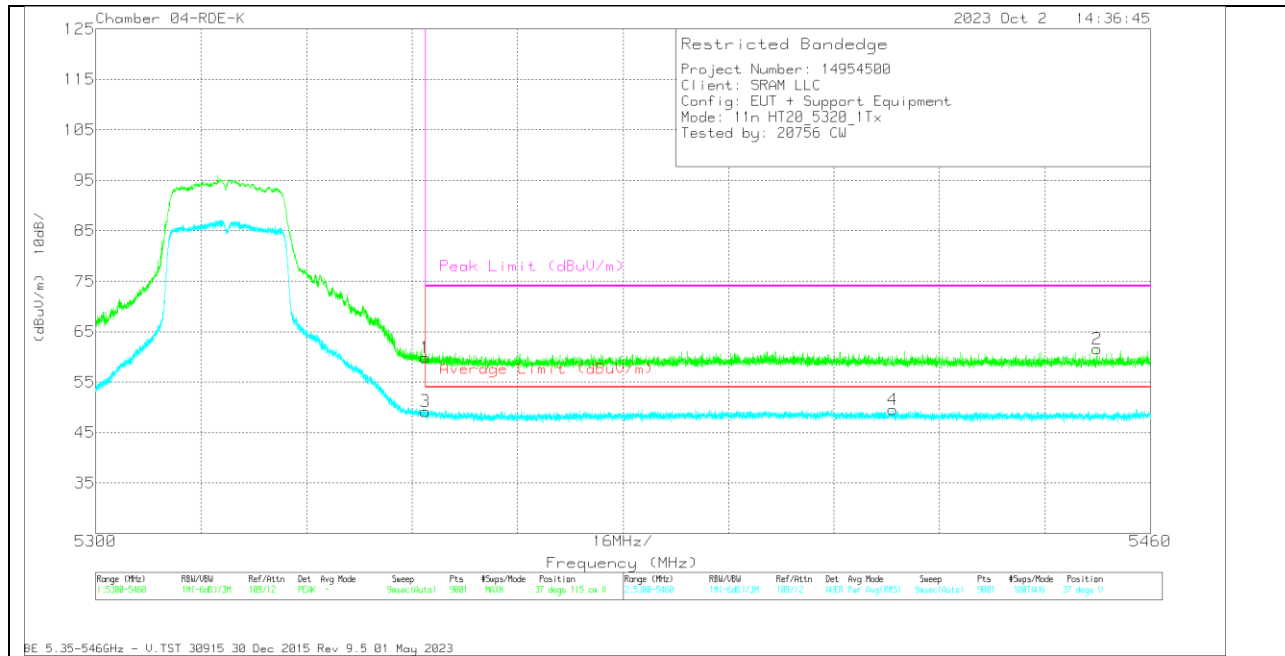
**HORIZONTAL RESULT**



Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	223083 ACF 3m (dB/m)	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	* 5350	36.39	PK	34.5	-6.8	64.09	-	-	74	-9.91	88	100	H
2	* 5350.045	38.58	PK	34.5	-6.8	66.28	-	-	74	-7.72	88	100	H
3	* 5350	24.96	RMS	34.5	-6.8	52.66	54	-1.34	-	-	88	100	H
4	* 5350.561	25.71	RMS	34.5	-6.8	53.41	54	-5.9	-	-	88	100	H

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

### VERTICAL RESULT

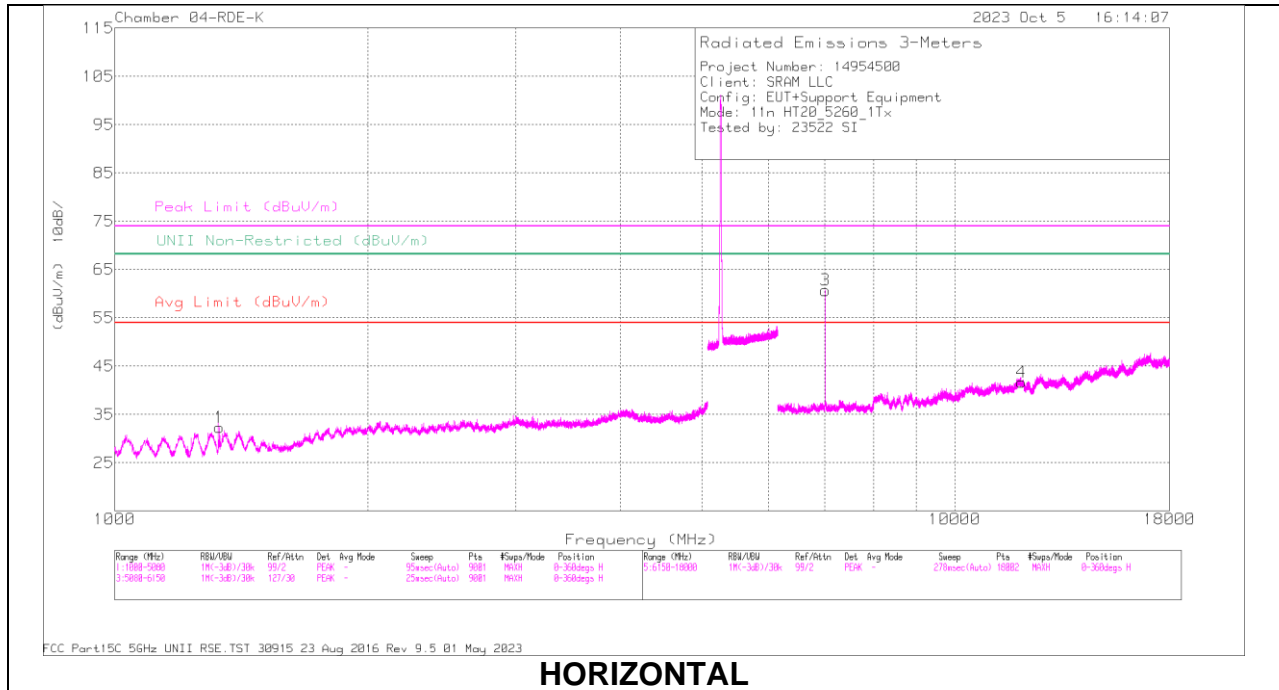


Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	223083 ACF 3m (dB/m)	Cb/Amp (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 5350	32.17	Pk	34.5	-6.8	59.87	-	-	74	-14.13	37	115	V
2	* 5451.895	33.75	Pk	34.6	-6.8	61.55	-	-	74	-12.45	37	115	V
3	* 5350	21.53	RMS	34.5	-6.8	49.23	54	-4.77	-	-	37	115	V
4	* 5420.944	21.66	RMS	34.6	-6.7	49.56	54	-4.44	-	-	37	115	V

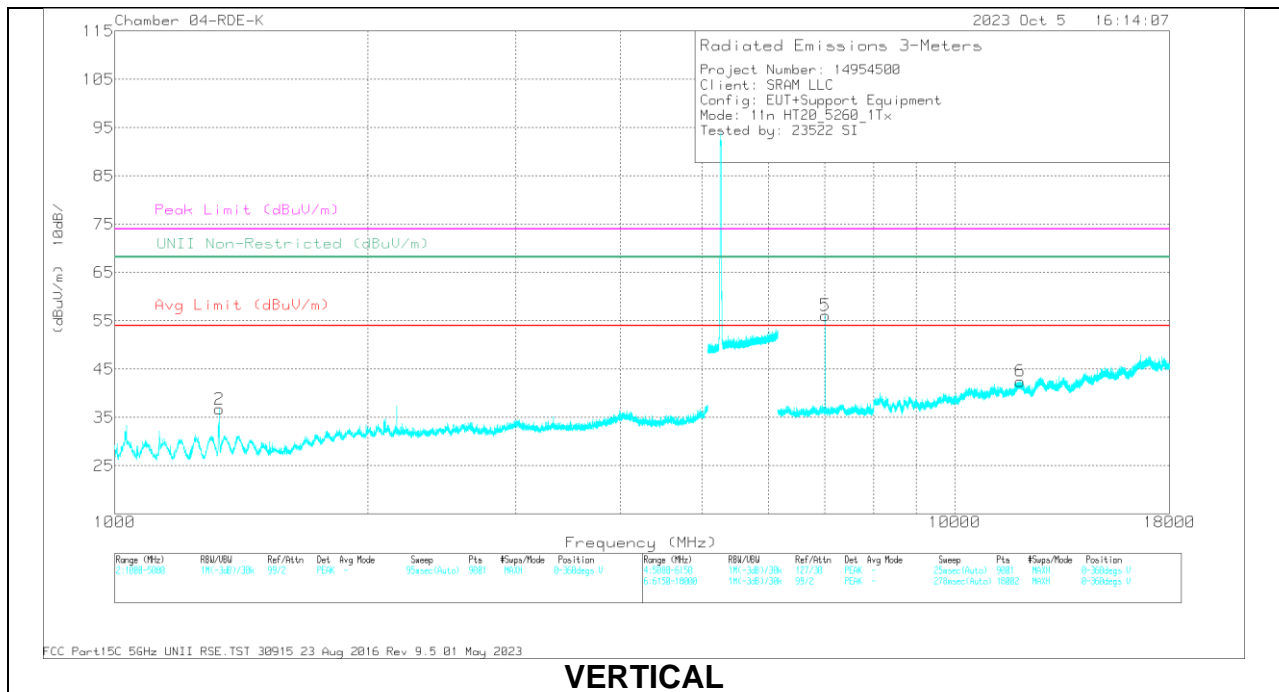
\* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band  
 Pk - Peak detector  
 RMS - RMS detection

**HARMONICS AND SPURIOUS EMISSIONS**

**LOW CHANNEL RESULTS**



**HORIZONTAL**



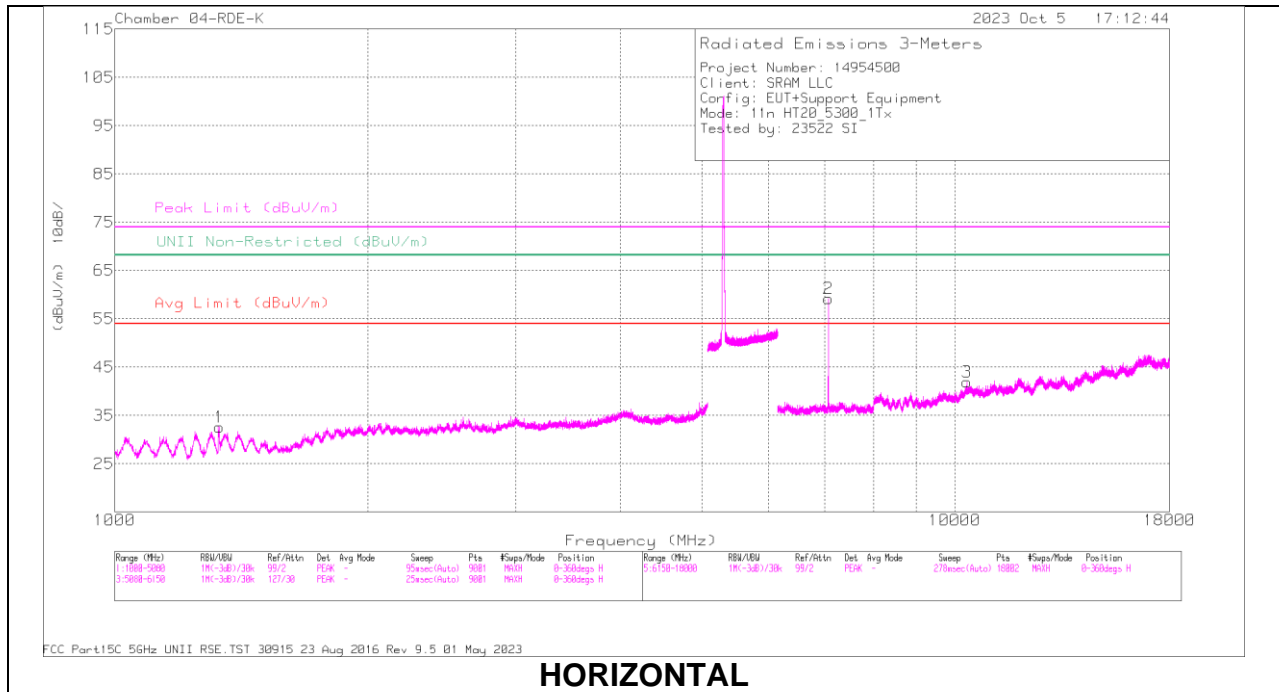
**VERTICAL**

**RADIATED EMISSIONS**

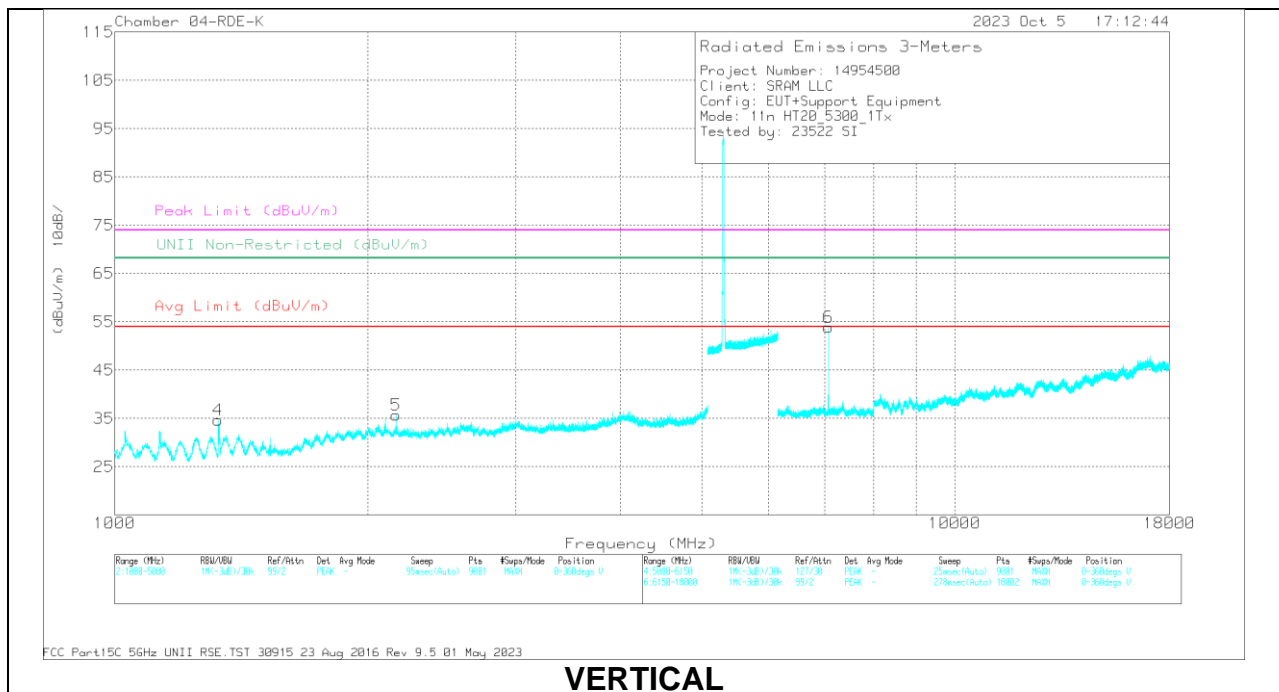
Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	23083 ACF 3m (dB/m)	Cbl/Amp (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 1330.536	59.8	PK-U	29	-45.8	43	-	-	74	-31	-	-	225	203	H
	* 1331.769	44.46	ADR	29	-45.8	27.66	54	-26.34	-	-	-	-	225	203	H
2	* 1330.486	64.22	PK-U	29	-45.8	47.42	-	-	74	-26.58	-	-	190	141	V
	* 1330.754	47.21	ADR	29	-45.8	30.41	54	-23.59	-	-	-	-	190	141	V
3	7013.381	66.45	PK-U	35.7	-37.7	64.45	-	-	-	-	68.2	-3.75	172	114	H
	7013.278	62.5	ADR	35.7	-37.7	60.5	-	-	-	-	-	-	172	114	H
4	* 12013.394	46.34	PK-U	38.7	-34	51.04	-	-	74	-22.96	-	-	344	215	H
	* 12015.57	35.11	ADR	38.7	-34	39.81	54	-14.19	-	-	-	-	344	215	H
5	7013.325	62.47	PK-U	35.7	-37.7	60.47	-	-	-	-	68.2	-7.73	218	281	V
	7013.275	58.22	ADR	35.7	-37.7	56.22	-	-	-	-	-	-	218	281	V
6	* 11961.515	46.48	PK-U	38.6	-34.2	50.88	-	-	74	-23.12	-	-	20	221	V
	* 11962.54	35.12	ADR	38.6	-34.1	39.62	54	-14.38	-	-	-	-	20	221	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**



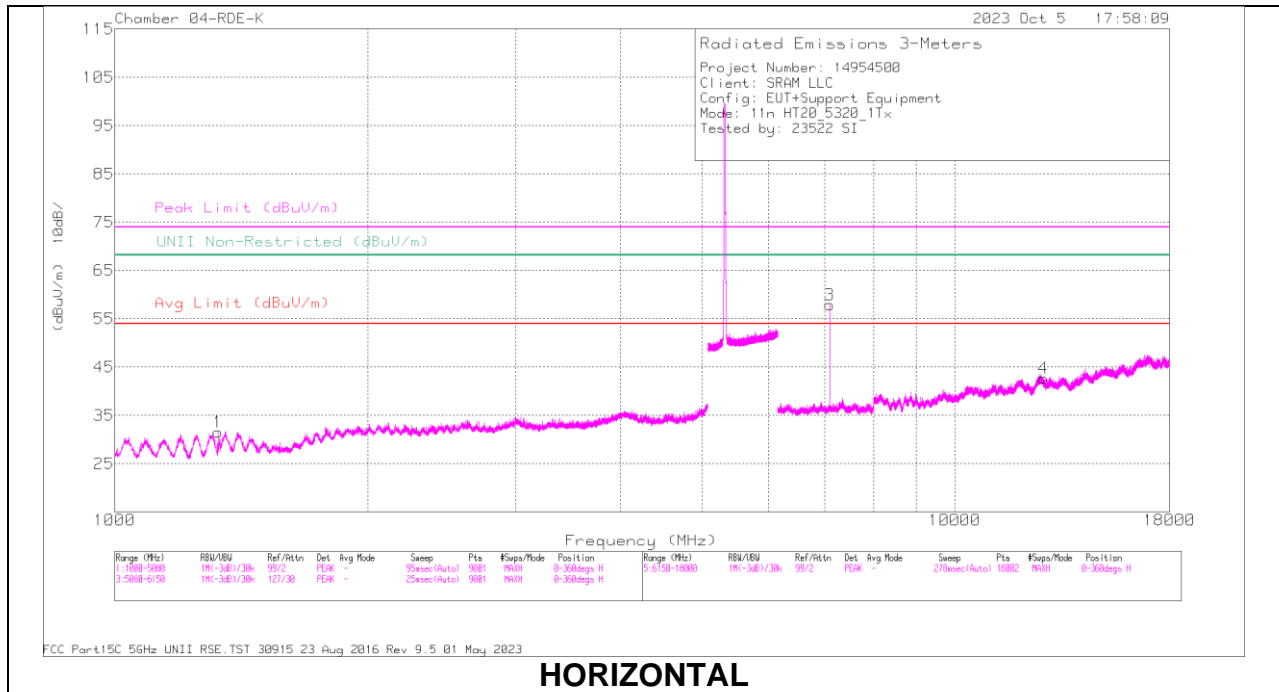
**VERTICAL**

**RADIATED EMISSIONS**

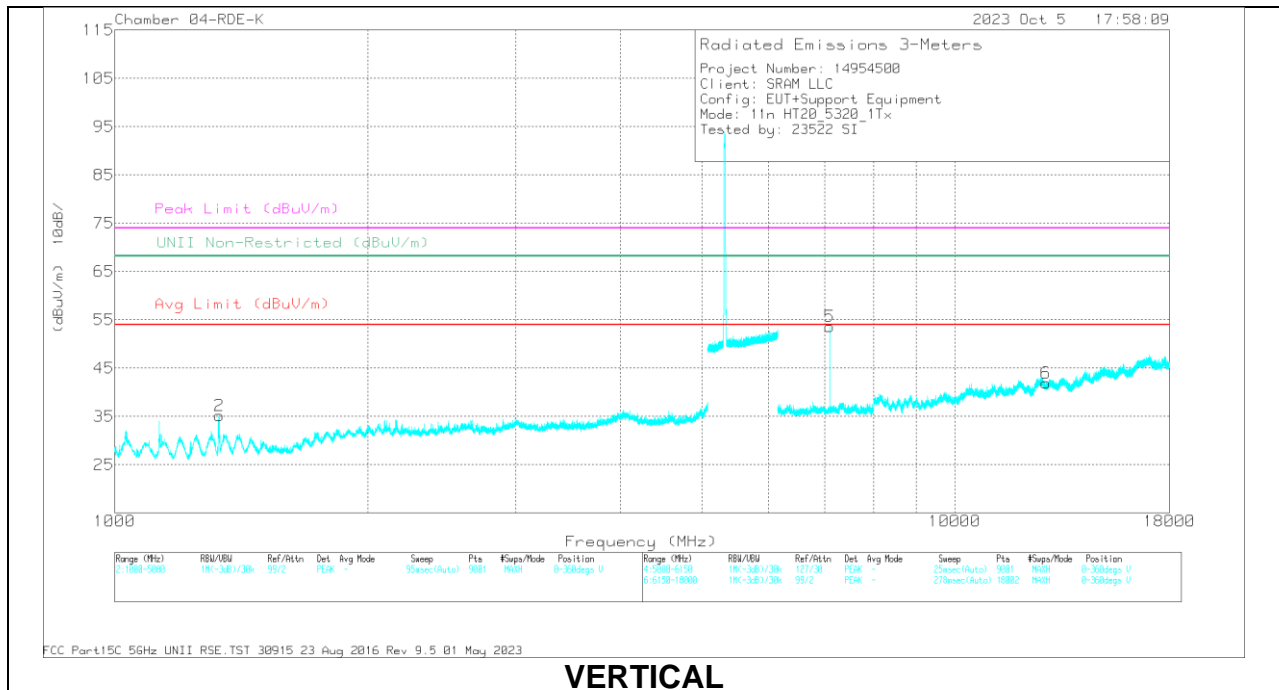
Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	223083 ACF 3m (dBm)	Cbl/Amp (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 1332.076	61.77	PK-U	29	-45.8	44.97	-	-	74	-29.83	-	-	250	161	H
	* 1332.923	45.61	ADR	29	-45.8	28.81	54	-25.19	-	-	-	-	250	161	H
4	* 1327.131	64.04	PK-U	29	-45.8	47.24	-	-	74	-26.76	-	-	191	190	V
	* 1328.839	47.03	ADR	29	-45.8	30.23	54	-23.77	-	-	-	-	191	190	V
5	2160.081	63.78	PK-U	31.5	-44.9	50.38	-	-	-	-	68.2	-17.82	354	125	V
	2159.907	46.14	ADR	31.5	-44.9	32.74	-	-	-	-	-	-	354	125	V
2	7066.589	64.06	PK-U	35.8	-37.7	62.16	-	-	-	-	68.2	-6.04	172	167	H
	7066.584	59.71	ADR	35.8	-37.7	57.81	-	-	-	-	-	-	172	167	H
3	10337.326	49.34	PK-U	37.7	-36.2	50.84	-	-	-	-	68.2	-17.36	255	326	H
	10338.624	37.78	ADR	37.7	-36.2	39.28	-	-	-	-	-	-	255	326	H
6	7066.62	61.96	PK-U	35.8	-37.7	60.06	-	-	-	-	68.2	-8.14	221	257	V
	7066.609	57.6	ADR	35.8	-37.7	55.7	-	-	-	-	-	-	221	257	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 (dBm)	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	* 1329.88	60.47	PK-U	29	-45.8	43.67	-	-	74	-30.33	-	-	250	201	H
	* 1330.468	45.09	ADR	29	-45.8	28.29	54	-25.71	-	-	-	-	250	201	H
	* 1332.607	63.9	PK-U	29	-45.8	47.1	-	-	74	-26.9	-	-	185	141	V
2	* 1328.874	46.79	ADR	29	-45.8	29.99	54	-24.01	-	-	-	-	185	141	V
	7093.237	62.64	PK-U	35.8	-37.5	60.94	-	-	-	-	68.2	-7.26	172	148	H
	7093.231	59.12	ADR	35.8	-37.5	57.42	-	-	-	-	-	-	172	148	H
4	12747.892	47.05	PK-U	39.5	-33.8	52.75	-	-	-	-	68.2	-15.45	147	153	H
	12747.993	34.64	ADR	39.5	-33.8	40.34	-	-	-	-	-	-	147	153	H
5	7093.36	60.46	PK-U	35.8	-37.5	58.76	-	-	-	-	68.2	-9.44	218	237	V
	7093.285	56.56	ADR	35.8	-37.5	54.86	-	-	-	-	-	-	218	237	V
6	12824.477	46.11	PK-U	39.5	-33.8	51.81	-	-	-	-	68.2	-16.39	211	342	V
	12825.846	34.47	ADR	39.5	-33.8	40.17	-	-	-	-	-	-	211	342	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

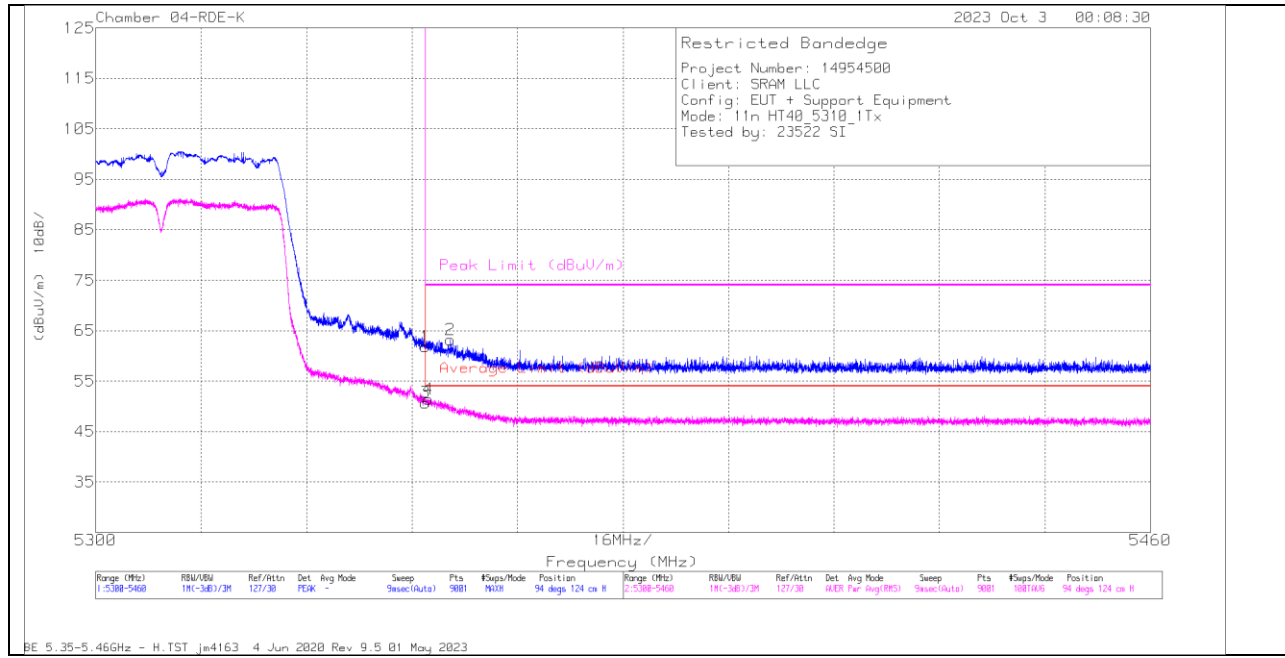


**10.1.7. TX ABOVE 1 GHz 802.11n HT40 MODE IN THE 5.3 GHz BAND**

**1TX Antenna 1 MODE**

**BANDEDGE (HIGH CHANNEL)**

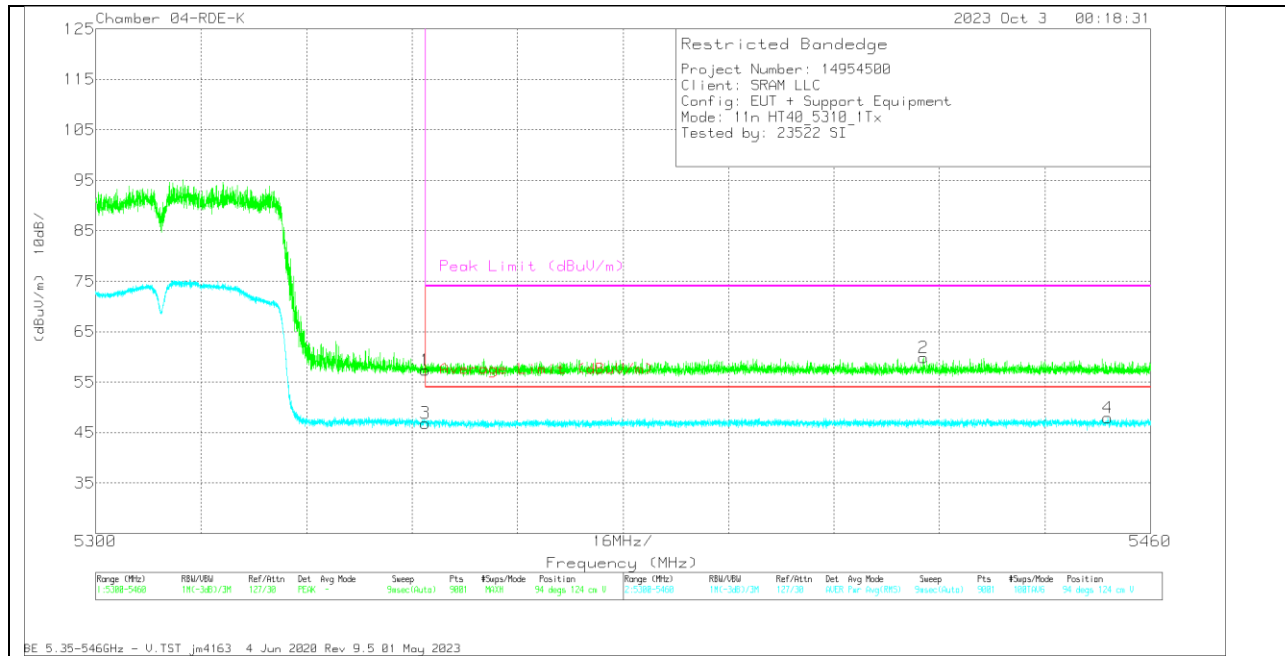
**HORIZONTAL RESULT**



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	* 5350	57.32	PK	34.5	-30	0	61.82	-	-	74	-12.18	94	124	H
2	* 5353.778	58.71	PK	34.5	-30	0	63.21	-	-	74	-10.79	94	124	H
3	* 5350	46.23	RMS	34.5	-30	.16	50.89	54	-3.11	-	-	94	124	H
4	* 5350.49	46.94	RMS	34.5	-30	.16	51.6	54	-2.4	-	-	94	124	H

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

### VERTICAL RESULT

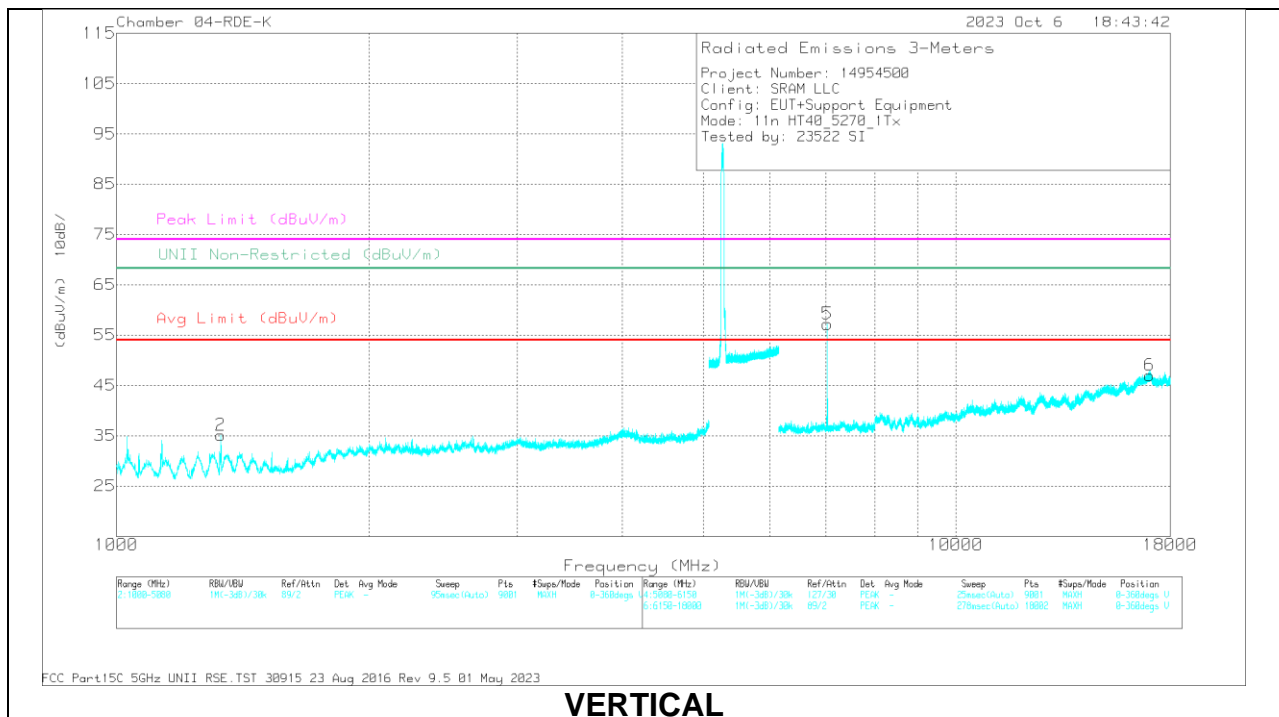
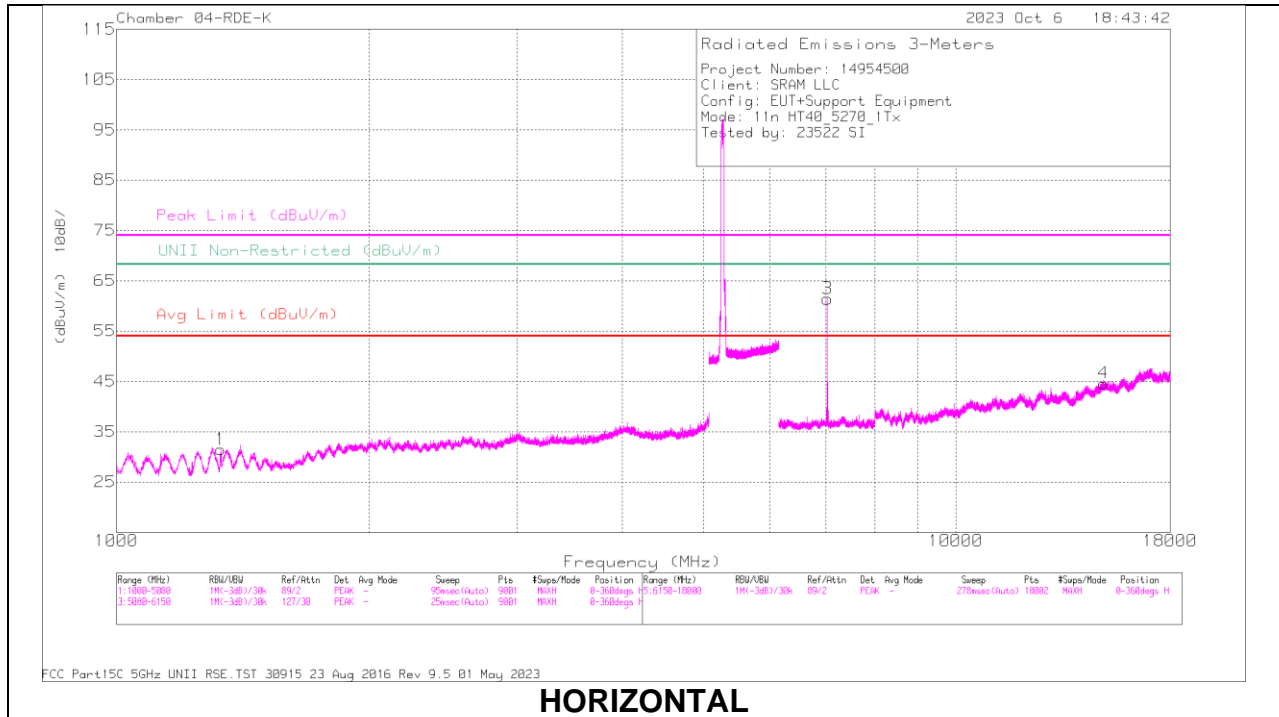


Marker	Frequency (MHz)	Meter Reading (dBu)	Det	223083 ACF 3m (dBm)	Cbl/Amp (dB)	DCCF (dB)	Corrected Reading (dBu/Wm)	Average Limit (dBu/Wm)	Margin (dB)	Peak Limit (dBu/Wm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 5350	52.87	Pk	34.5	-30	0	57.37	-	-	74	-16.63	94	124	V
2	* 5425.548	55.1	Pk	34.6	-29.8	0	59.9	-	-	74	-14.1	94	124	V
3	* 5350	42.38	RMS	34.5	-30	.16	47.04	54	-6.96	-	-	94	124	V
4	* 5453.513	43.27	RMS	34.6	-29.9	.16	48.13	54	-5.87	-	-	94	124	V

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

**HARMONICS AND SPURIOUS EMISSIONS**

**LOW CHANNEL RESULTS**

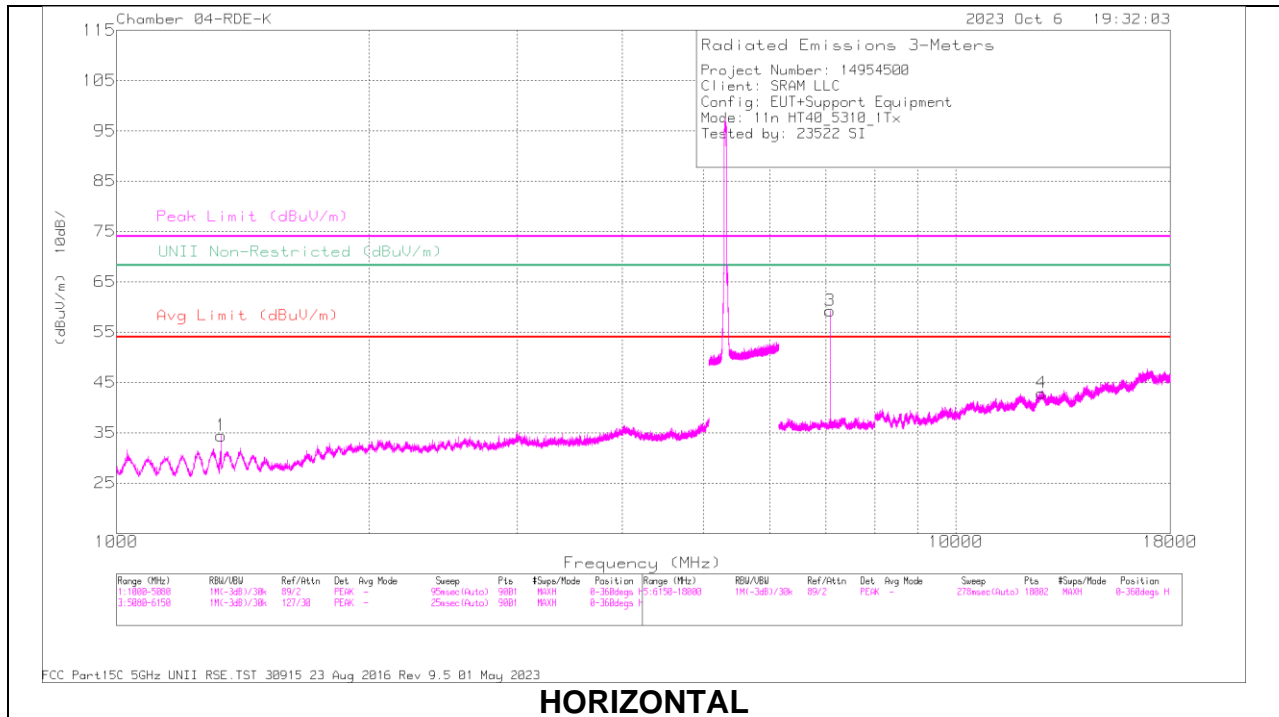


**RADIATED EMISSIONS**

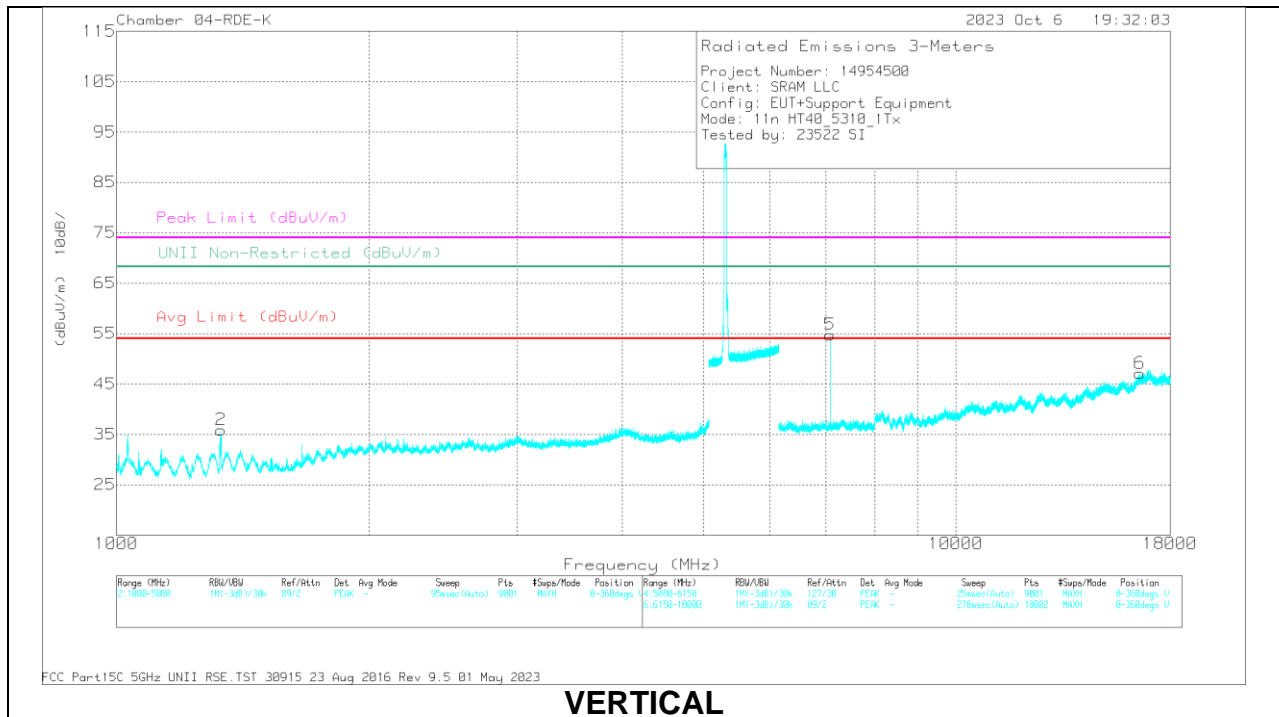
Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	23083 ACF 3m (dB/m)	Cbl/Amp (dB)	DCCF (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 1330.904	57.21	PK-U	29	-45.8	0	40.41	-	-	74	-33.59	-	-	46	182	H
	* 1332.58	43.54	ADR	29	-45.8	-16	26.9	54	-27.1	-	-	-	-	46	182	H
	* 1329.161	65.31	PK-U	29	-45.8	0	48.51	-	-	74	-25.49	-	-	196	190	V
2	* 1332.499	48.81	ADR	29	-45.8	-16	32.17	54	-21.83	-	-	-	-	196	190	V
	7026.651	66.2	PK-U	35.7	-37.9	0	64	-	-	-	-	68.2	-4.2	167	101	H
	7026.588	63.45	ADR	35.7	-37.9	-16	61.41	-	-	-	-	-	-	167	101	H
4	15000.084	47.52	PK-U	40.1	-33.4	0	54.22	-	-	-	-	68.2	-13.98	345	325	H
	14899.438	35.77	ADR	40.1	-33.4	-16	42.63	-	-	-	-	-	-	345	325	H
	7026.675	62.7	PK-U	35.7	-37.9	0	60.5	-	-	-	-	68.2	-7.7	213	224	V
5	7026.577	59.63	ADR	35.7	-37.9	-16	57.59	-	-	-	-	-	-	213	224	V
	18996.636	45.78	PK-U	41.6	-32	0	55.38	-	-	-	-	68.2	-12.82	120	314	V
	18996.403	34.35	ADR	41.6	-32	-16	44.11	-	-	-	-	-	-	120	314	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	223063 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	* 1333.237	61.09	PK-U	29	-45.8	0	44.29	-	-	74	-29.71	-	-	262	107	H
	* 1331.784	44.74	ADR	29	-45.8	.16	28.1	54	-25.9	-	-	-	-	262	107	H
2	* 1332.911	65.54	PK-U	29	-45.8	0	48.74	-	-	74	-25.28	-	-	204	214	V
	* 1332.598	48.5	ADR	29	-45.8	.16	31.86	54	-22.14	-	-	-	-	204	214	V
3	7079.973	63.74	PK-U	35.8	-37.6	0	61.94	-	-	-	-	68.2	-6.26	168	105	H
	7079.842	61.22	ADR	35.8	-37.6	.16	59.58	-	-	-	-	-	-	168	105	H
4	* 12637.806	47.16	PK-U	39.4	-33.6	0	52.96	-	-	74	-21.04	-	-	158	350	H
	* 12637.55	35.44	ADR	39.4	-33.6	.16	41.4	54	-12.6	-	-	-	-	158	350	H
5	7079.903	60.5	PK-U	35.8	-37.6	0	58.7	-	-	-	-	68.2	-9.5	214	221	V
	7079.896	57.63	ADR	35.8	-37.6	.16	55.99	-	-	-	-	-	-	214	221	V
6	16599.205	48.16	PK-U	41.2	-32.3	0	55.06	-	-	-	-	68.2	-13.14	92	104	V
	16560.01	34.25	ADR	41.2	-32.2	.16	43.41	-	-	-	-	-	-	92	104	V

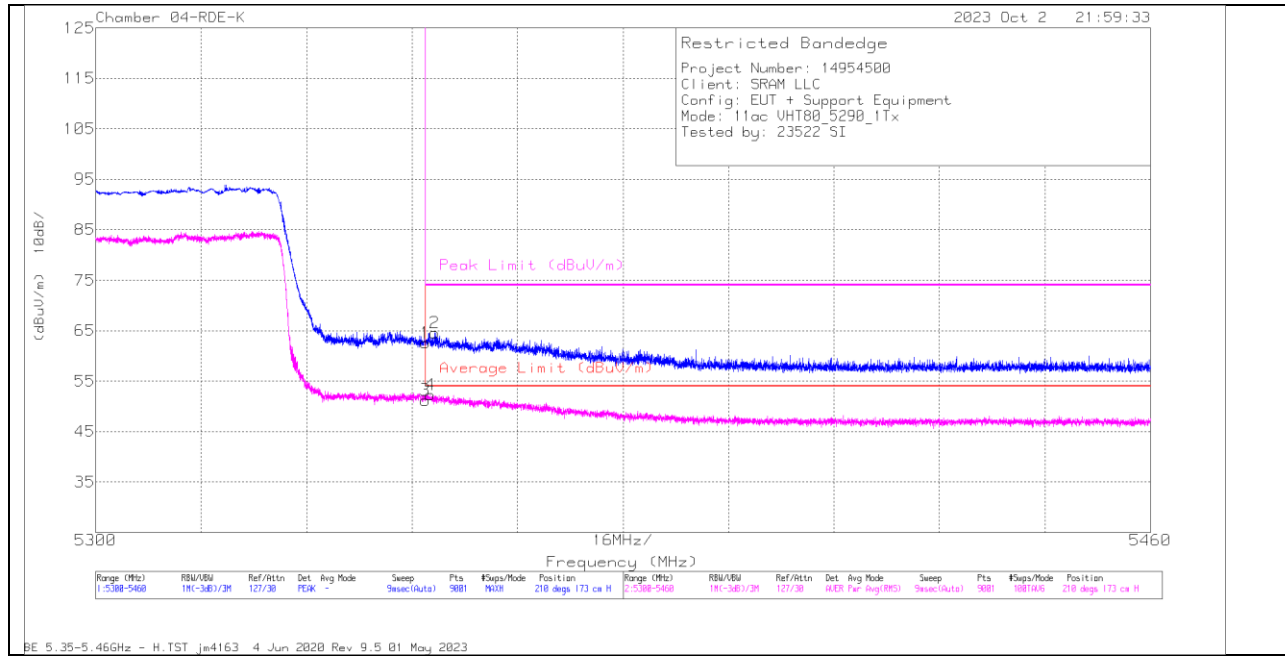
\* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band  
 PK-U - U-NII: Maximum Peak  
 ADR - U-NII AD primary method, RMS average

**10.1.8. TX ABOVE 1 GHz 802.11ac VHT80 MODE IN THE 5.3 GHz BAND**

**1TX Antenna 1 MODE**

**BANDEDGE (MID CHANNEL)**

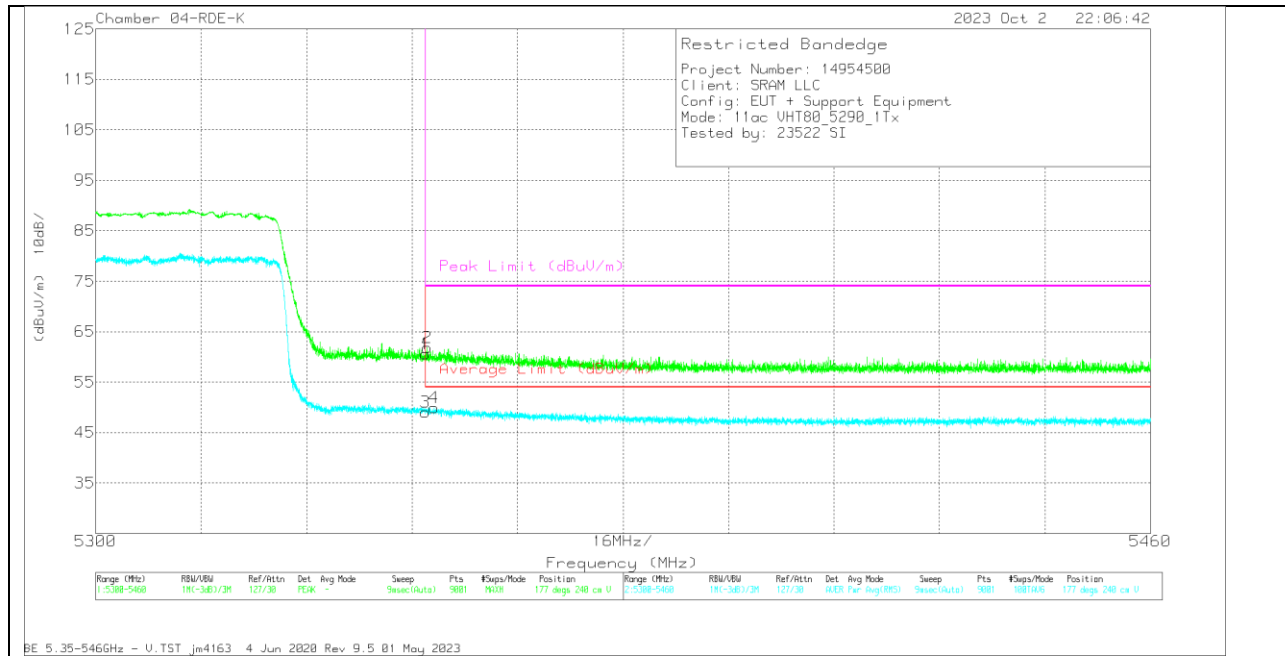
**HORIZONTAL RESULT**



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	* 5350	58.08	Pk	34.5	-30	0	62.58	-	-	74	-11.42	210	173	H
2	* 5351.378	60.02	Pk	34.5	-29.9	0	64.62	-	-	74	-9.38	210	173	H
3	* 5350	46.72	RMS	34.5	-30	.33	51.55	54	-2.45	-	-	210	173	H
4	* 5350.774	47.72	RMS	34.5	-29.9	.33	52.65	54	-1.35	-	-	210	173	H

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

### VERTICAL RESULT



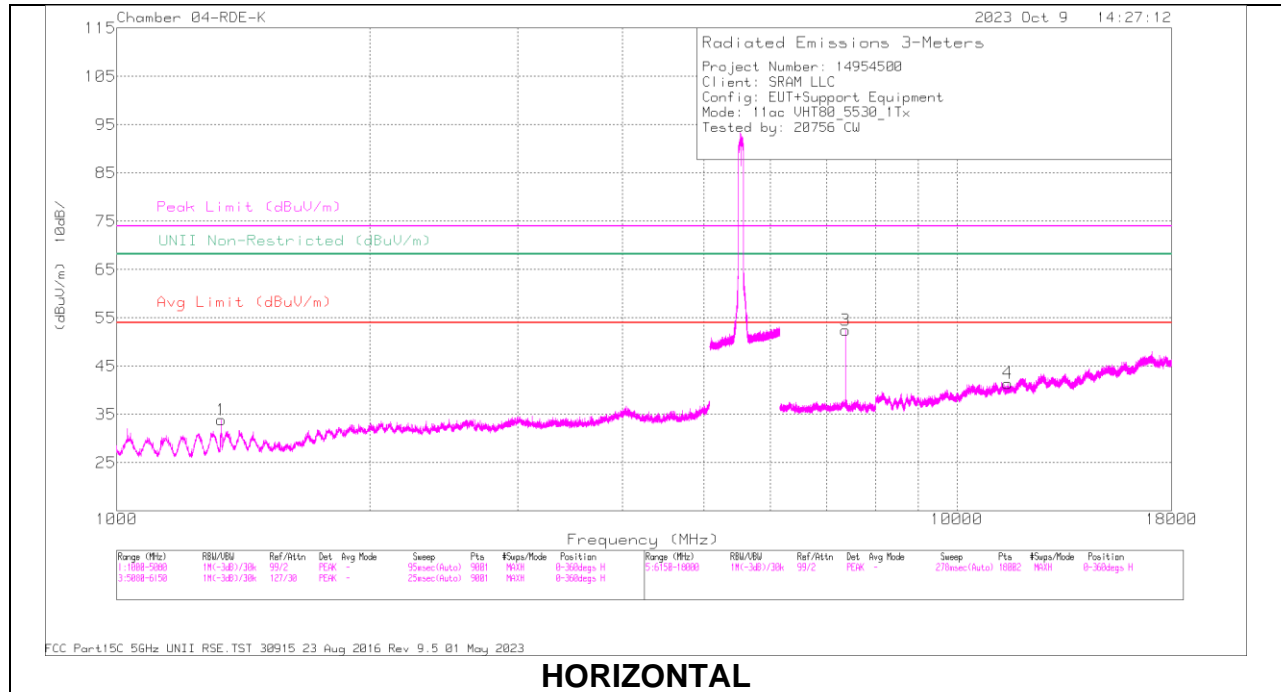
Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	223083 ACF 3m (dBm)	CBI/Amp (dB)	DCCF (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 5350	56.11	Pk	34.5	-30	0	60.61	-	-	74	-13.39	177	240	V
2	* 5350.241	57.36	Pk	34.5	-30	0	61.86	-	-	74	-12.14	177	240	V
3	* 5350	44.19	RMS	34.5	-30	-33	49.02	54	-4.98	-	-	177	240	V
4	* 5351.29	45.04	RMS	34.5	-29.9	-33	49.97	54	-4.03	-	-	177	240	V

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

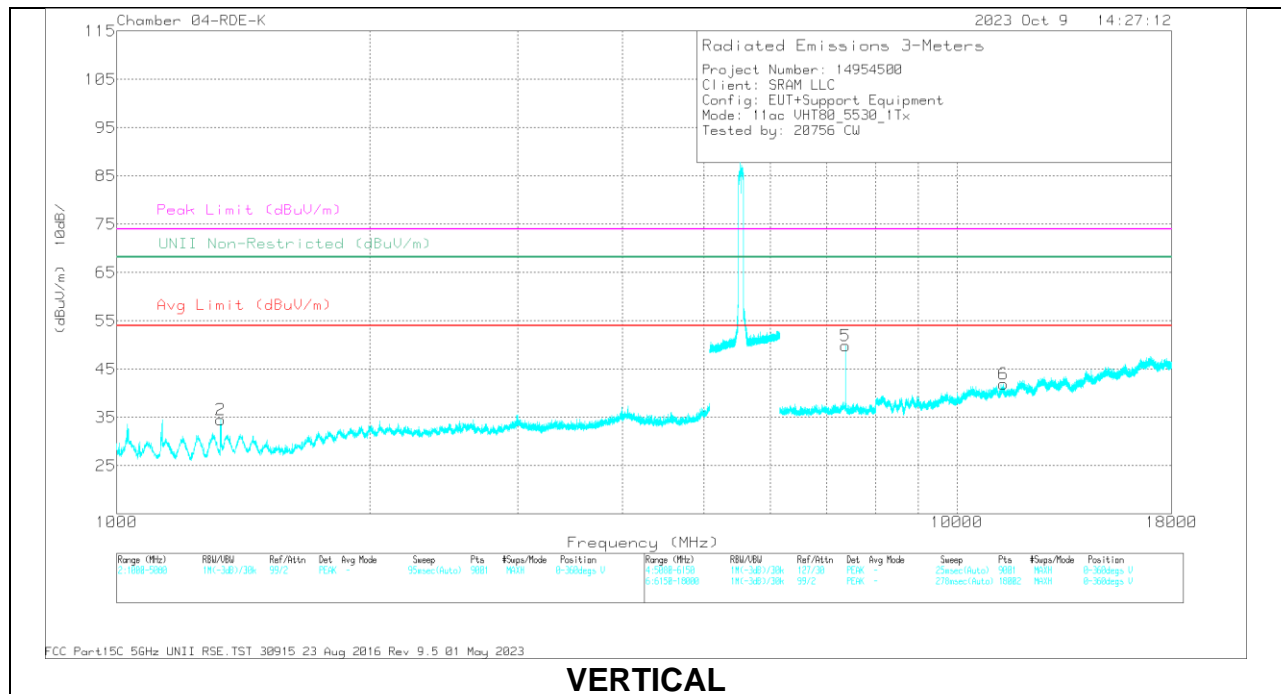


**HARMONICS AND SPURIOUS EMISSIONS**

**MID CHANNEL RESULTS**



**HORIZONTAL**



**VERTICAL**

**RADIATED EMISSIONS**

Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	223063 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	* 1330.016	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	* 1329.015	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
	* 11504.384	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	50.67	-	-	74	-23.43	-	-	71	127	V
	* 11354.632	36.16	ADR	37.8	-35.2	33	39.09	54	-14.91	-	-	-	-	71	127	V

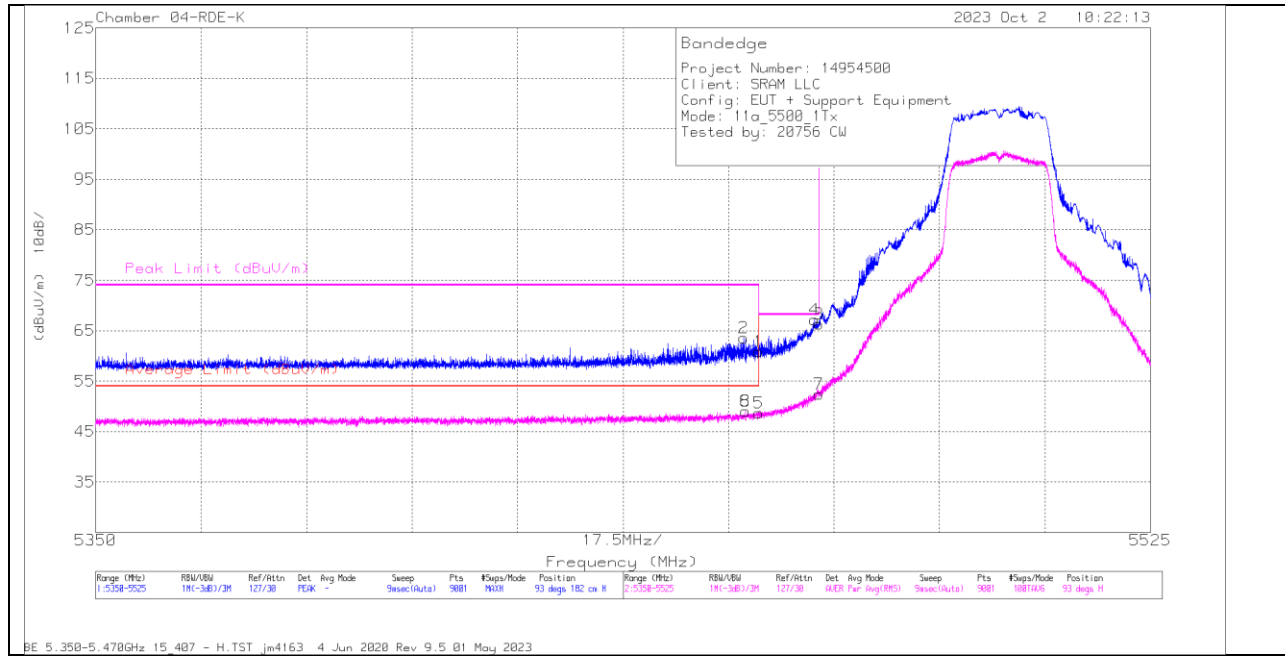
\* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band  
 PK-U - U-NII: Maximum Peak  
 ADR - U-NII AD primary method, RMS average

**10.1.9. TX ABOVE 1 GHz 802.11a MODE IN THE 5.6 GHz BAND**

**1TX Antenna 1 MODE**

**BANDEDGE (LOW CHANNEL)**

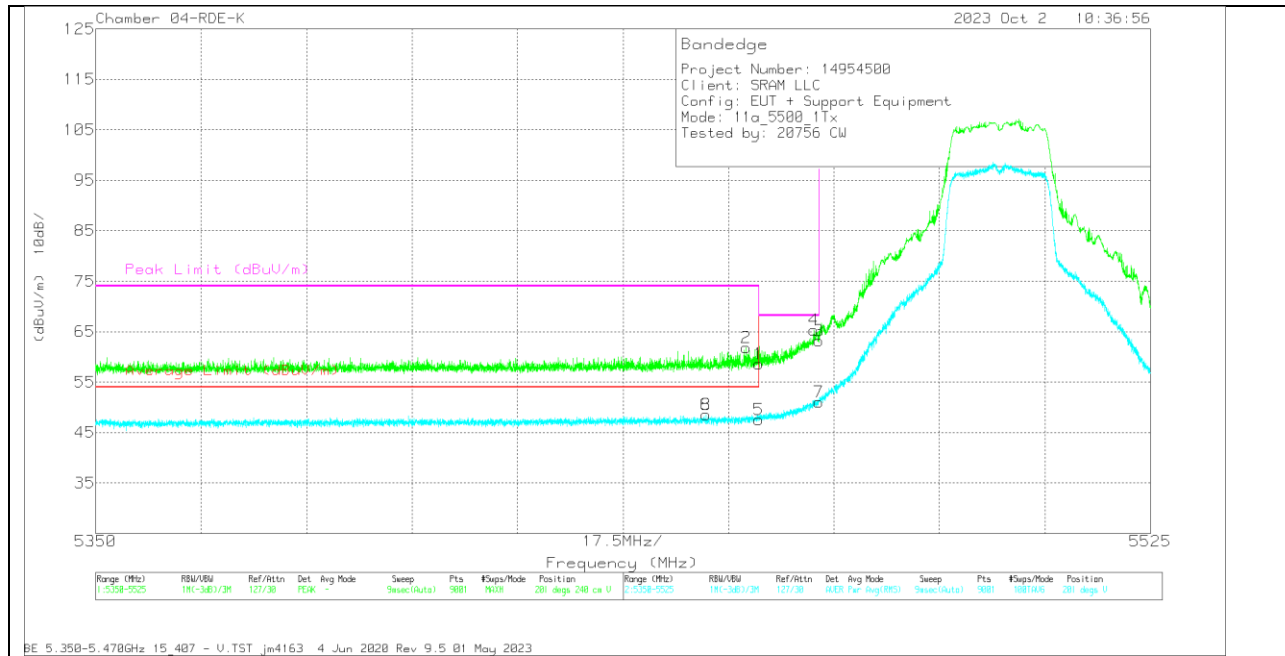
**HORIZONTAL RESULT**



Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	223083 ACF 3m (dB/m)	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	* 5460	56.07	Pk	34.6	-29.8	60.87	-	-	68.2	-7.33	93	182	H
2	* 5457.506	58.87	Pk	34.6	-29.9	63.57	-	-	74	-10.43	93	182	H
3	5470	61.64	Pk	34.6	-29.9	66.34	-	-	68.2	-1.86	93	182	H
4	5469.289	62.42	Pk	34.6	-29.9	67.12	-	-	68.2	-1.08	93	182	H
5	* 5460	43.87	RMS	34.6	-29.8	48.67	54	-5.33	-	-	93	182	H
6	* 5457.817	44.34	RMS	34.6	-29.9	49.04	54	-4.96	-	-	93	182	H
7	5470	47.7	RMS	34.6	-29.9	52.4	-	-	-	-	93	182	H
8	* 5457.817	44.34	RMS	34.6	-29.9	49.04	54	-4.96	-	-	93	182	H

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

### VERTICAL RESULT

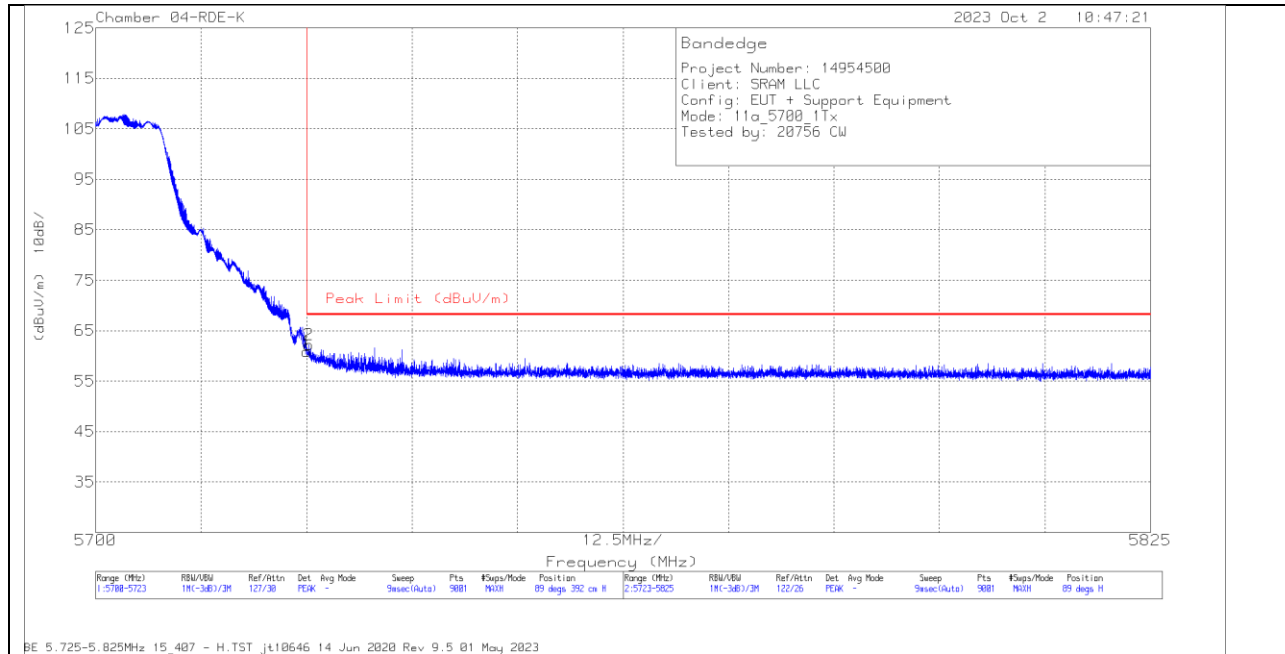


Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	223083 ACF 3m (dB/m)	Cb/Amp (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 5460	53.76	Pk	34.6	-29.8	58.56	-	-	68.2	-9.64	201	240	V
2	* 5457.953	57.17	Pk	34.6	-29.9	61.87	-	-	74	-12.13	201	240	V
3	5470	58.47	Pk	34.6	-29.9	63.17	-	-	68.2	-5.03	201	240	V
4	5469.172	60.58	Pk	34.6	-29.9	65.28	-	-	68.2	-2.92	201	240	V
5	* 5460	42.75	RMS	34.6	-29.8	47.55	54	-6.45	-	-	201	240	V
6	* 5451.284	43.8	RMS	34.6	-29.9	48.5	54	-5.5	-	-	201	240	V
7	5470	46.34	RMS	34.6	-29.9	51.04	-	-	-	-	201	240	V
8	* 5451.284	43.8	RMS	34.6	-29.9	48.5	54	-5.5	-	-	201	240	V

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

**BANDEDGE (HIGH CHANNEL)**

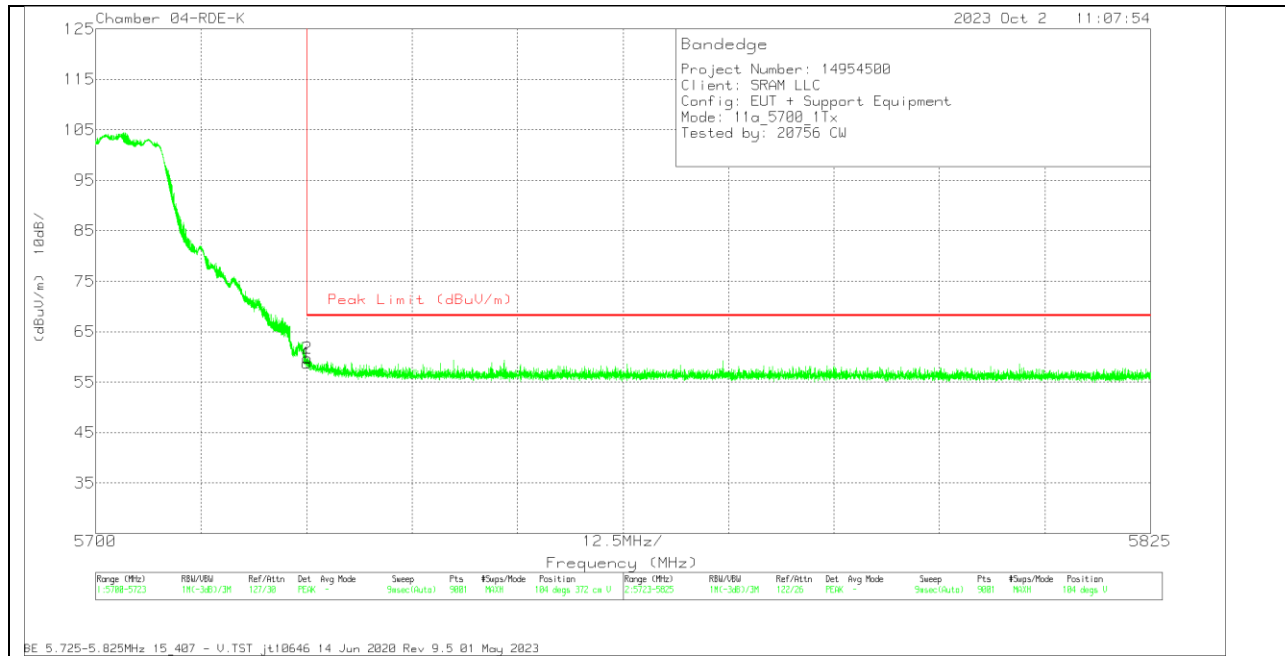
**HORIZONTAL RESULT**



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	55.52	Pk	34.7	-29.4	60.82	68.2	-7.38	89	392	H
2	5725.244	56.92	Pk	34.7	-29.4	62.22	68.2	-5.98	89	392	H

Pk - Peak detector

### VERTICAL RESULT

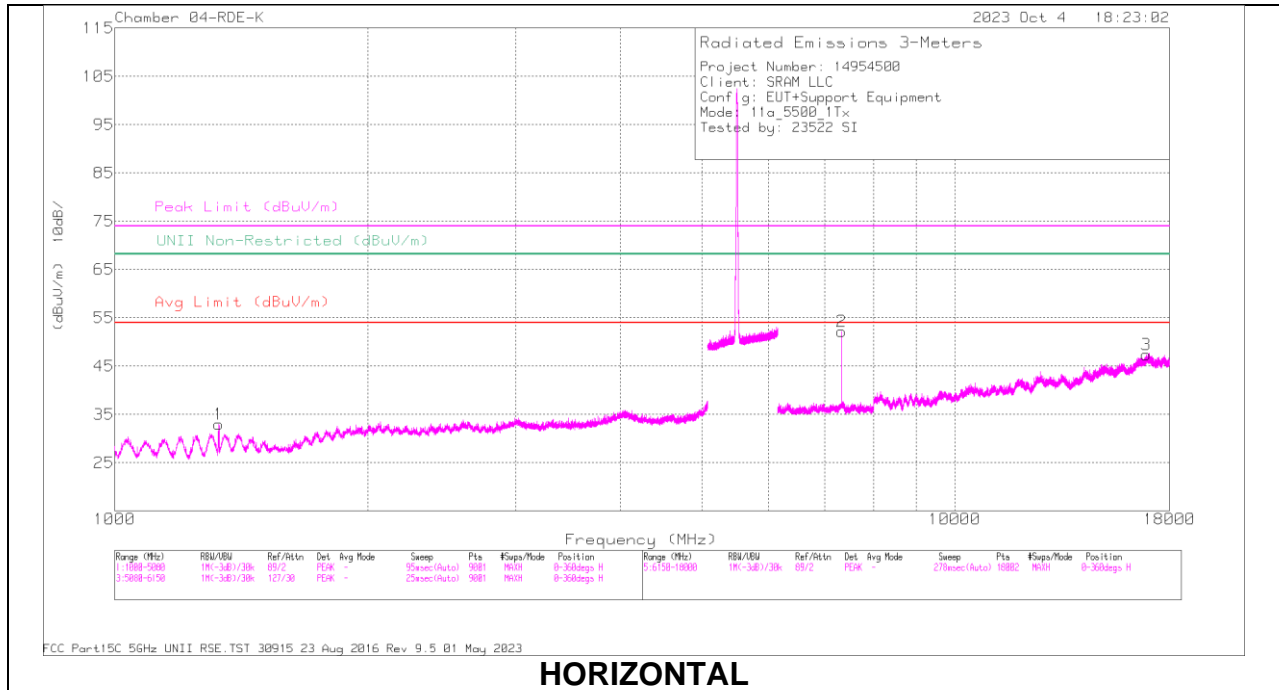


Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	223083 ACF 3m (dB/m)	Cbl/Amp (dB)	Corrected Reading (dBuV/m)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5725	53.39	Pk	34.7	-29.4	58.69	68.2	-9.51	104	372	V
2	5725.097	54.48	Pk	34.7	-29.4	59.78	68.2	-8.42	104	372	V

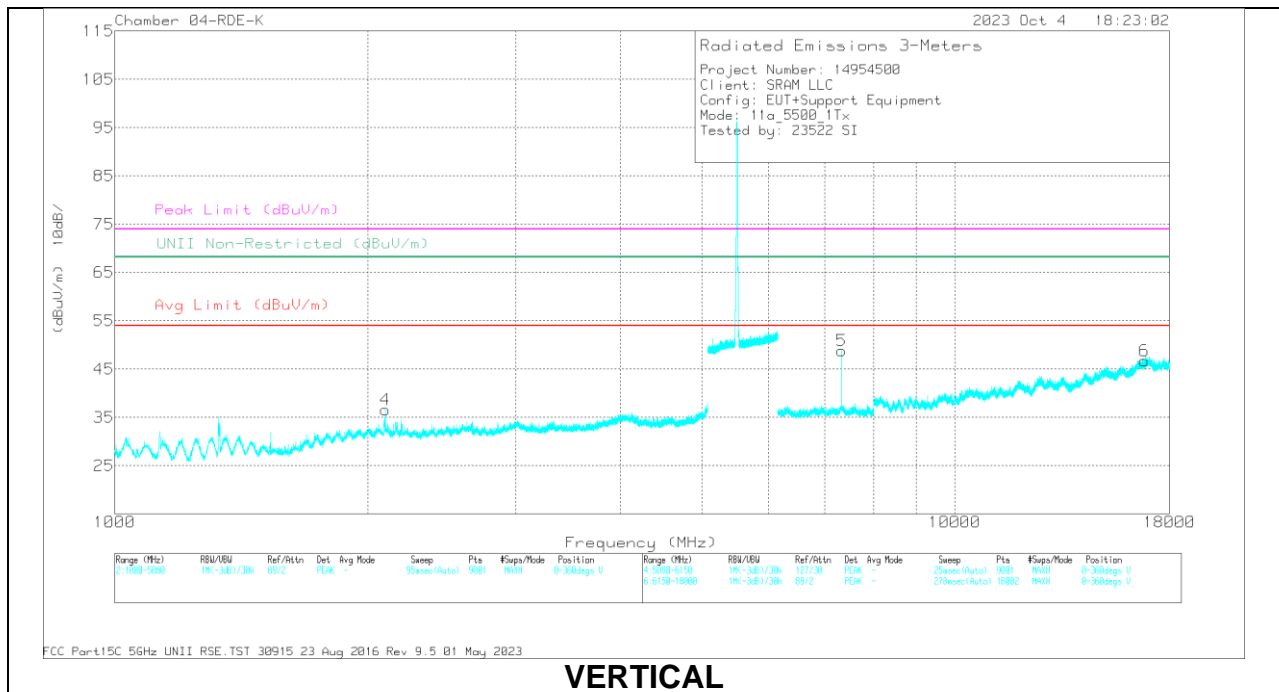
Pk - Peak detector

**HARMONICS AND SPURIOUS EMISSIONS**

**LOW CHANNEL RESULTS**



**HORIZONTAL**



**VERTICAL**

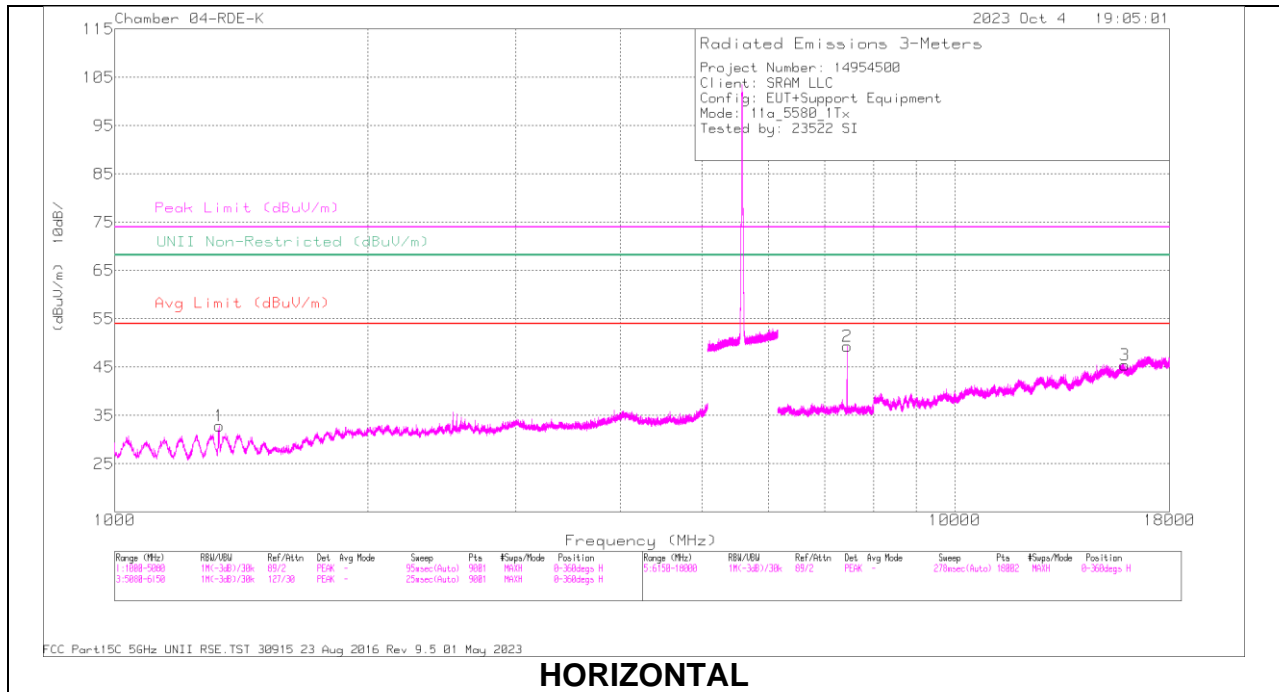
**RADIATED EMISSIONS**

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	* 1330.934	61.75	PK-U	29	-45.8	-44.95	-	-	74	-29.05	-	-	262	107	H
	* 1331.045	45.57	ADR	29	-45.8	28.77	54	-25.23	-	-	-	-	262	107	H
4	2097.776	59.47	PK-U	31.7	-44.7	46.47	-	-	-	-	68.2	-21.73	1	223	V
	2098.19	45.03	ADR	31.7	-44.7	32.03	-	-	-	-	-	-	1	223	V
2	* 7333.217	56.64	PK-U	35.7	-36.4	55.94	-	-	74	-18.06	-	-	178	104	H
	* 7333.25	53.22	ADR	35.7	-36.4	52.52	54	-1.48	-	-	-	-	178	104	H
3	16804.715	45.87	PK-U	41.7	-31.8	55.77	-	-	-	-	68.2	-12.43	141	295	H
	16805.514	34.46	ADR	41.7	-31.7	44.46	-	-	-	-	-	-	141	295	H
5	* 7333.008	55.09	PK-U	35.7	-36.4	54.39	-	-	74	-19.61	-	-	304	242	V
	* 7333.185	50.67	ADR	35.7	-36.4	49.97	54	-4.03	-	-	-	-	304	242	V
6	16802.492	46.24	PK-U	41.7	-32.1	55.84	-	-	-	-	68.2	-12.36	89	142	V
	16802.618	34.24	ADR	41.7	-32	43.94	-	-	-	-	-	-	89	142	V

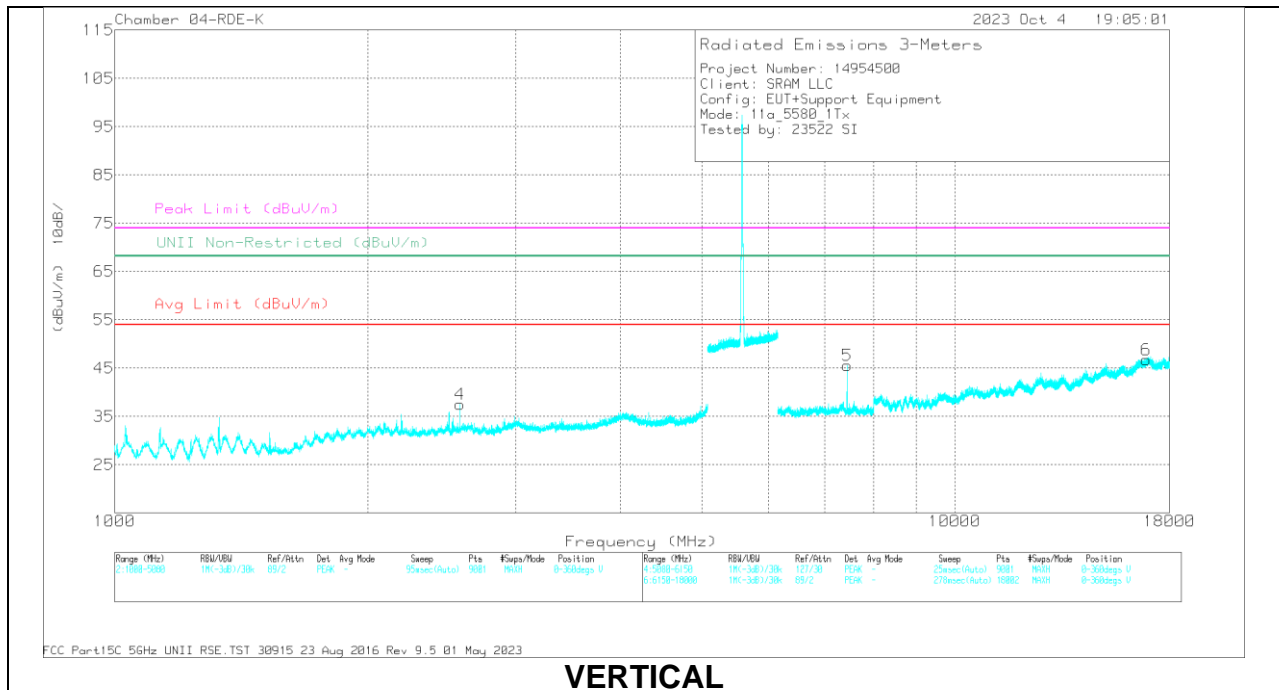
\* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band  
 PK-U - U-NII: Maximum Peak  
 ADR - U-NII AD primary method, RMS average



### MID CHANNEL RESULTS



**HORIZONTAL**



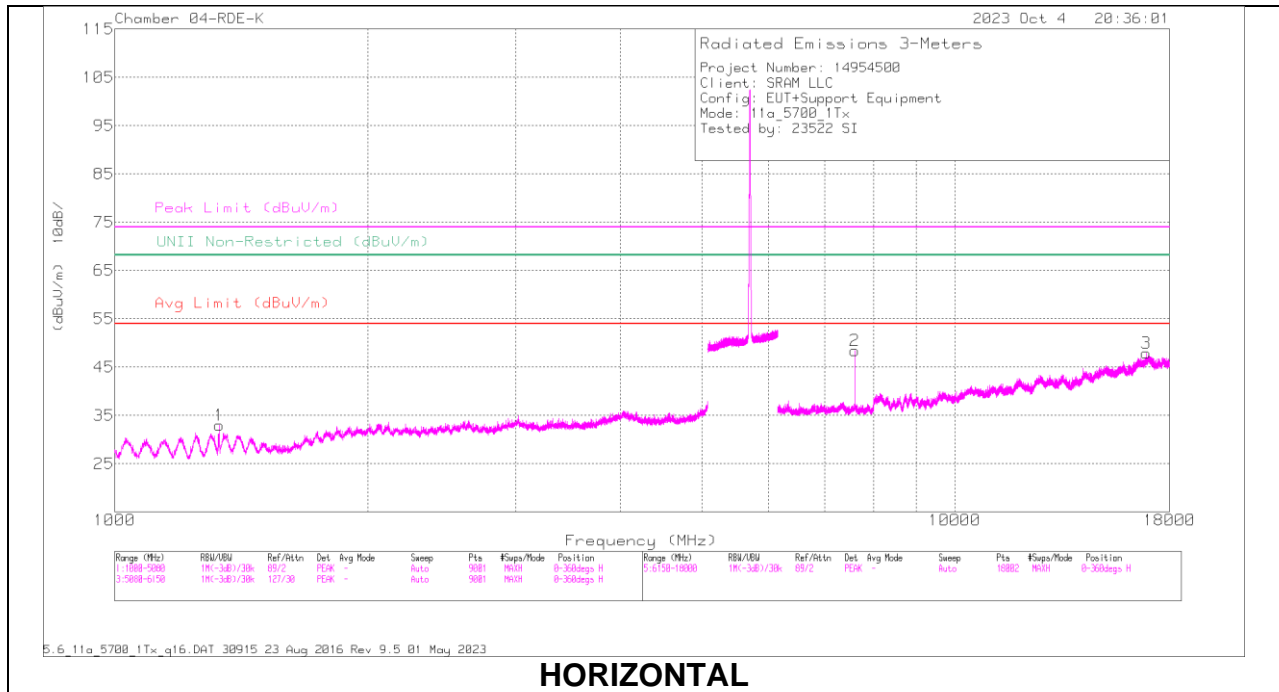
**VERTICAL**

**RADIATED EMISSIONS**

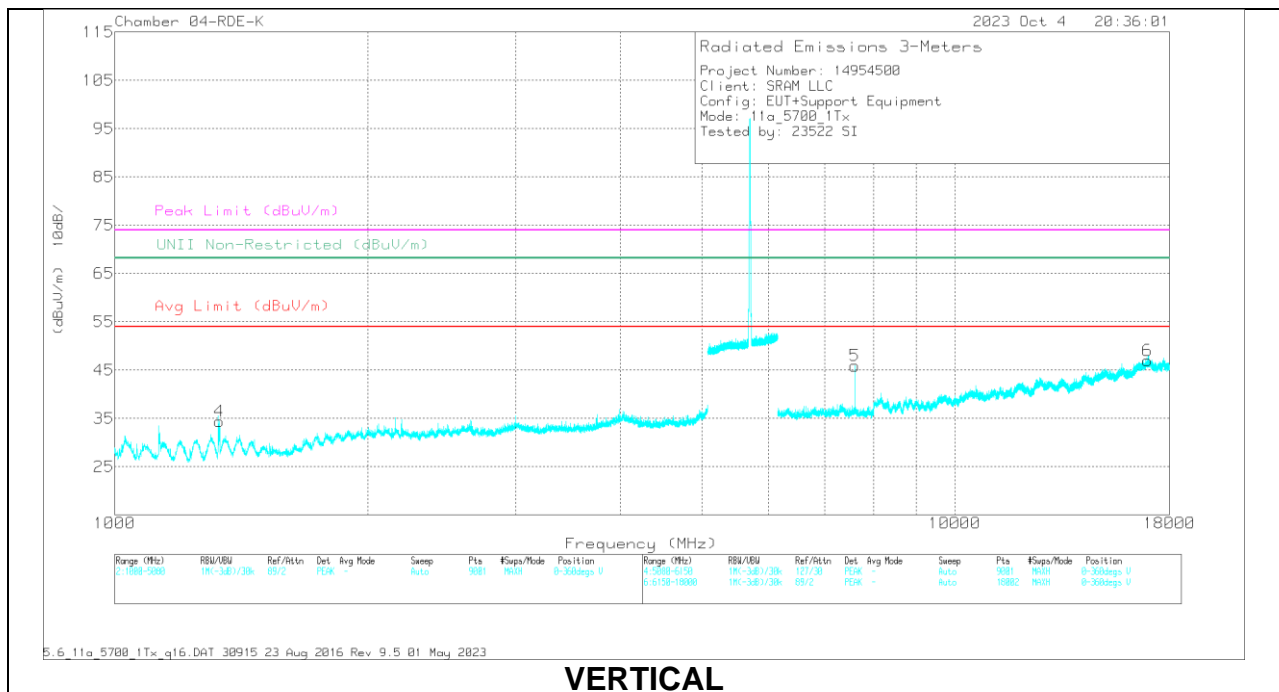
Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	223683 ACF 3m (dBm)	Cbl/Amp (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 1332.965	59.05	PK-U	29	-45.8	42.25	-	-	74	-31.75	-	-	262	156	H
	* 1331.882	44.02	ADR	29	-45.8	27.22	54	-26.78	-	-	-	-	262	156	H
4	2574.615	54.54	PK-U	32.2	-43.6	43.14	-	-	-	-	68.2	-25.06	219	134	V
	2576.887	42.69	ADR	32.2	-43.6	31.29	-	-	-	-	-	-	219	134	V
2	* 7439.774	55.17	PK-U	35.7	-37.6	53.27	-	-	74	-20.73	-	-	11	106	H
	* 7439.906	50.86	ADR	35.7	-37.6	48.96	54	-5.04	-	-	-	-	11	106	H
3	* 15919.928	46.14	PK-U	40.2	-32.2	54.14	-	-	74	-19.86	-	-	91	158	H
	* 15920.055	34.72	ADR	40.2	-32.2	42.72	54	-11.28	-	-	-	-	91	158	H
5	* 7439.976	54.16	PK-U	35.7	-37.6	52.26	-	-	74	-21.74	-	-	342	340	V
	* 7439.929	49.14	ADR	35.7	-37.6	47.24	54	-6.76	-	-	-	-	342	340	V
6	16901.056	45.77	PK-U	41.7	-31.7	55.77	-	-	-	-	68.2	-12.43	248	343	V
	16902.777	34.47	ADR	41.7	-31.7	44.47	-	-	-	-	-	-	248	343	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**



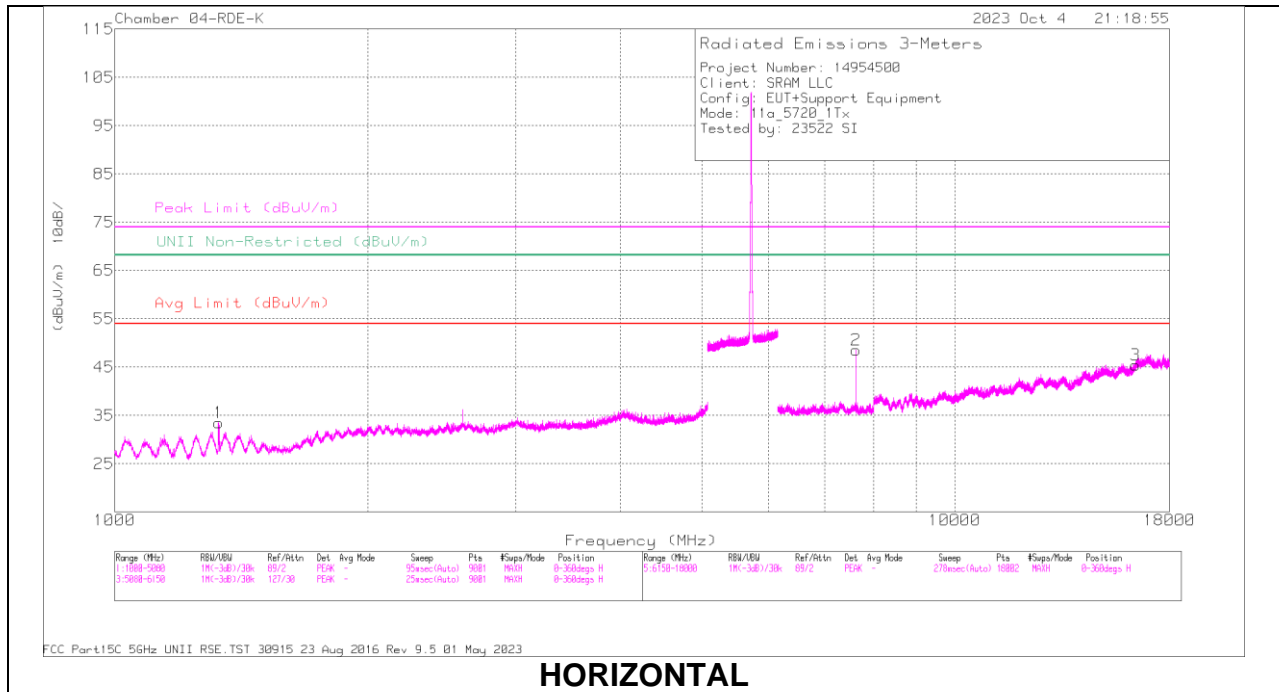
**VERTICAL**

**RADIATED EMISSIONS**

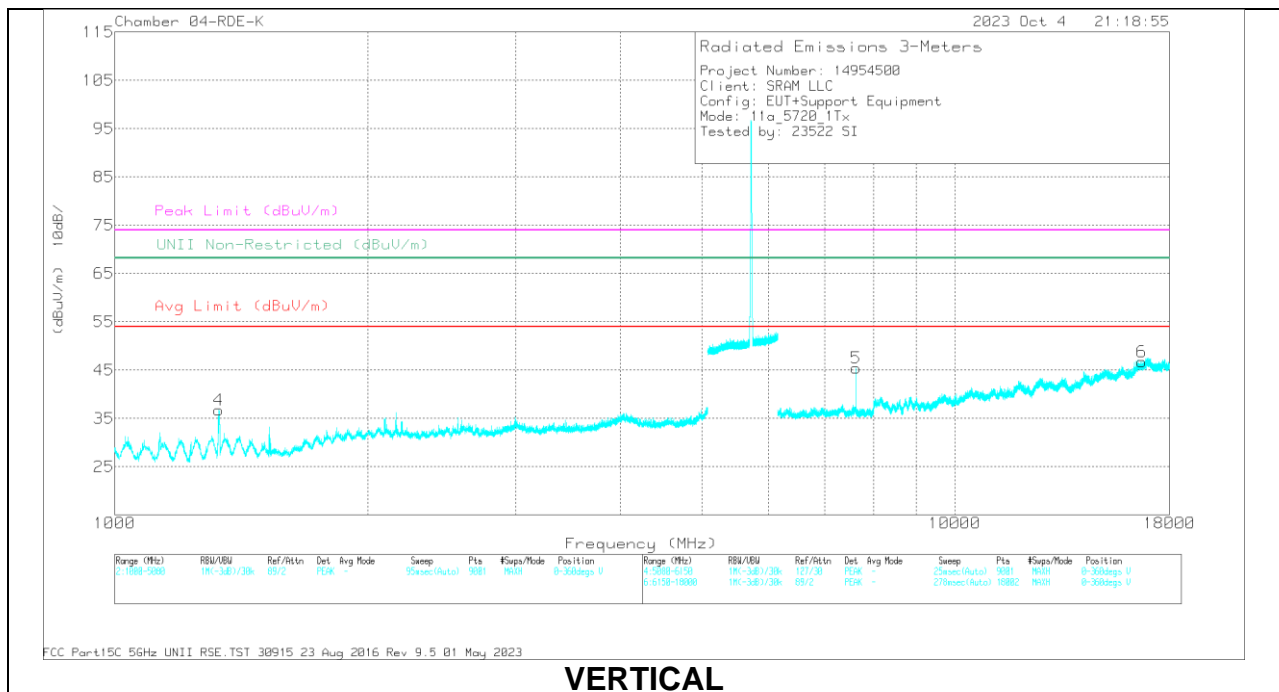
Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	223083 ACF 3m (dB/m)	Cbl/Amp (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 1333.429	61.22	PK-U	29	-45.8	44.42	-	-	74	-29.58	-	-	265	112	H
	* 1331.972	44.9	ADR	29	-45.8	28.1	54	-25.9	-	-	-	-	265	112	H
4	* 1331.691	64.35	PK-U	29	-45.8	47.55	-	-	74	-26.45	-	-	198	171	V
	* 1331.689	46.78	ADR	29	-45.8	29.98	54	-24.02	-	-	-	-	198	171	V
2	* 7600.079	54.3	PK-U	35.8	-37.1	53	-	-	74	-21	-	-	10	107	H
	* 7599.956	49.43	ADR	35.8	-37.1	48.13	54	-5.87	-	-	-	-	10	107	H
3	16903.732	46.31	PK-U	41.7	-31.7	56.31	-	-	-	-	68.2	-11.89	156	389	H
	16904.019	34.74	ADR	41.7	-31.7	44.74	-	-	-	-	-	-	156	388	H
5	* 7599.991	52.56	PK-U	35.8	-37.1	51.26	-	-	74	-22.74	-	-	10	231	V
	* 7599.92	46.83	ADR	35.8	-37.1	45.53	54	-8.47	-	-	-	-	10	231	V
6	16958.686	45.7	PK-U	41.7	-32	55.4	-	-	-	-	68.2	-12.8	130	371	V
	16956.87	34.61	ADR	41.7	-32.1	44.21	-	-	-	-	-	-	130	371	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 144 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	* 1330.68	60.73	PK-U	29	-45.8	-43.93	-	-	74	-30.07	-	-	260	145	H
	* 1330.711	44.88	ADR	29	-45.8	28.08	54	-25.92	-	-	-	-	260	145	H
4	* 1329.392	76.08	PK-U	29	-45.8	59.28	-	-	74	-14.72	-	-	209	103	V
	* 1328.12	48.4	ADR	29	-45.8	31.6	54	-22.4	-	-	-	-	209	103	V
2	* 7626.613	54.65	PK-U	35.8	-37.4	53.05	-	-	74	-20.95	-	-	9	106	H
	7626.629	49.83	ADR	35.8	-37.4	48.23	54	-5.77	-	-	-	-	9	106	H
3	16400.929	45.85	PK-U	40.6	-31.8	54.65	-	-	-	-	68.2	-13.55	302	210	H
	16402.558	34.42	ADR	40.6	-31.7	43.32	-	-	-	-	-	-	302	210	H
5	* 7626.367	53.18	PK-U	35.8	-37.4	51.58	-	-	74	-22.42	-	-	11	239	V
	7626.593	47.82	ADR	35.8	-37.4	46.22	54	-7.78	-	-	-	-	11	239	V
6	16674.333	45.54	PK-U	41.5	-31.7	55.34	-	-	-	-	68.2	-12.86	69	302	V
	16678.159	34.05	ADR	41.5	-31.8	43.75	-	-	-	-	-	-	69	302	V

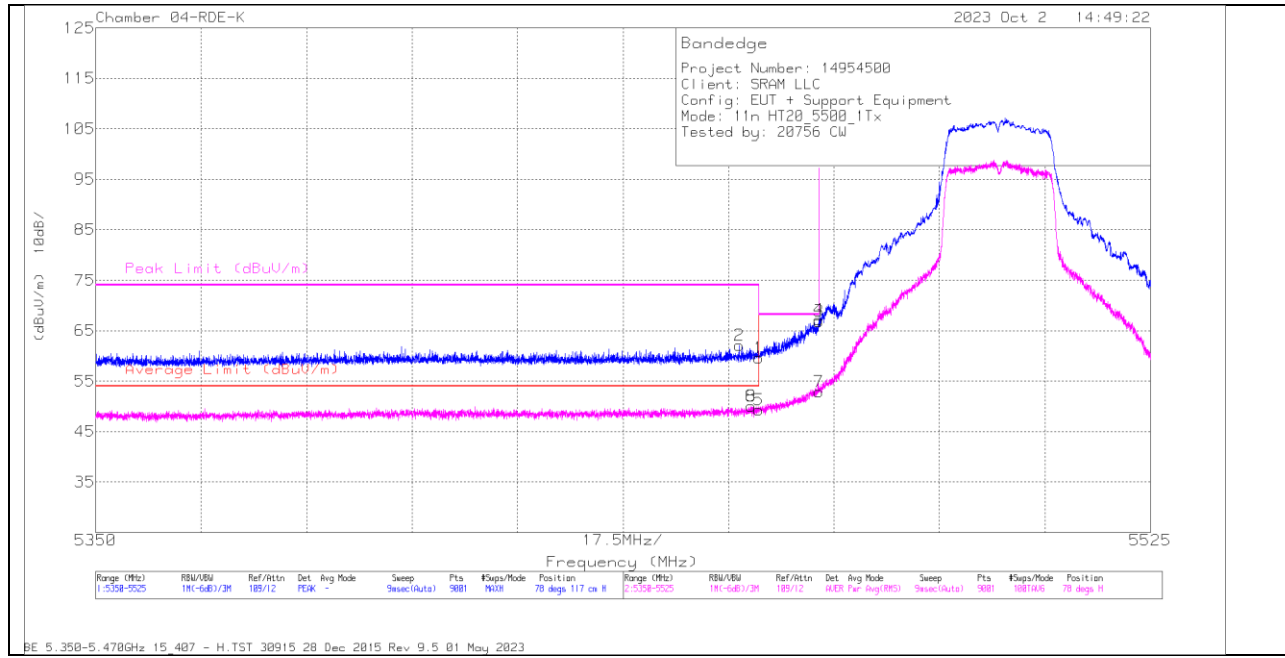
\* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band  
 PK-U - U-NII: Maximum Peak  
 ADR - U-NII AD primary method, RMS average

**10.1.10. TX ABOVE 1 GHz 802.11n HT20 MODE IN THE 5.6 GHz BAND**

**1TX Antenna 1 MODE**

**BANDEDGE (LOW CHANNEL)**

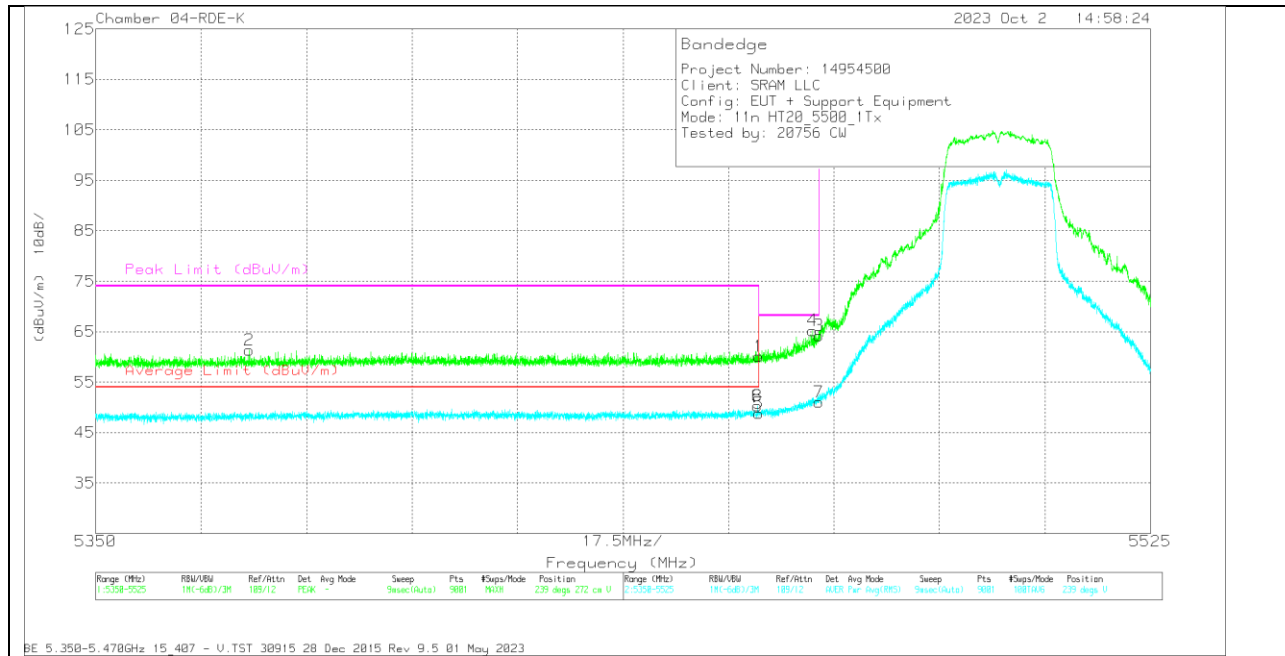
**HORIZONTAL RESULT**



Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	223083 ACF 3m (dB/m)	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	* 5460	31.71	Pk	34.6	-6.7	59.61	-	-	68.2	-8.59	78	117	H
2	* 5456.767	34.24	Pk	34.6	-6.8	62.04	-	-	74	-11.96	78	117	H
3	5470	38.97	Pk	34.6	-6.7	66.87	-	-	68.2	-1.33	78	117	H
4	5469.969	39.23	Pk	34.6	-6.7	67.13	-	-	68.2	-1.07	78	117	H
5	* 5460	21.41	RMS	34.6	-6.7	49.31	54	-4.69	-	-	78	117	H
6	* 5458.789	22.11	RMS	34.6	-6.7	50.01	54	-3.99	-	-	78	117	H
7	5470	25.02	RMS	34.6	-6.7	52.92	-	-	-	-	78	117	H
8	* 5458.789	22.11	RMS	34.6	-6.7	50.01	54	-3.99	-	-	78	117	H

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

### VERTICAL RESULT



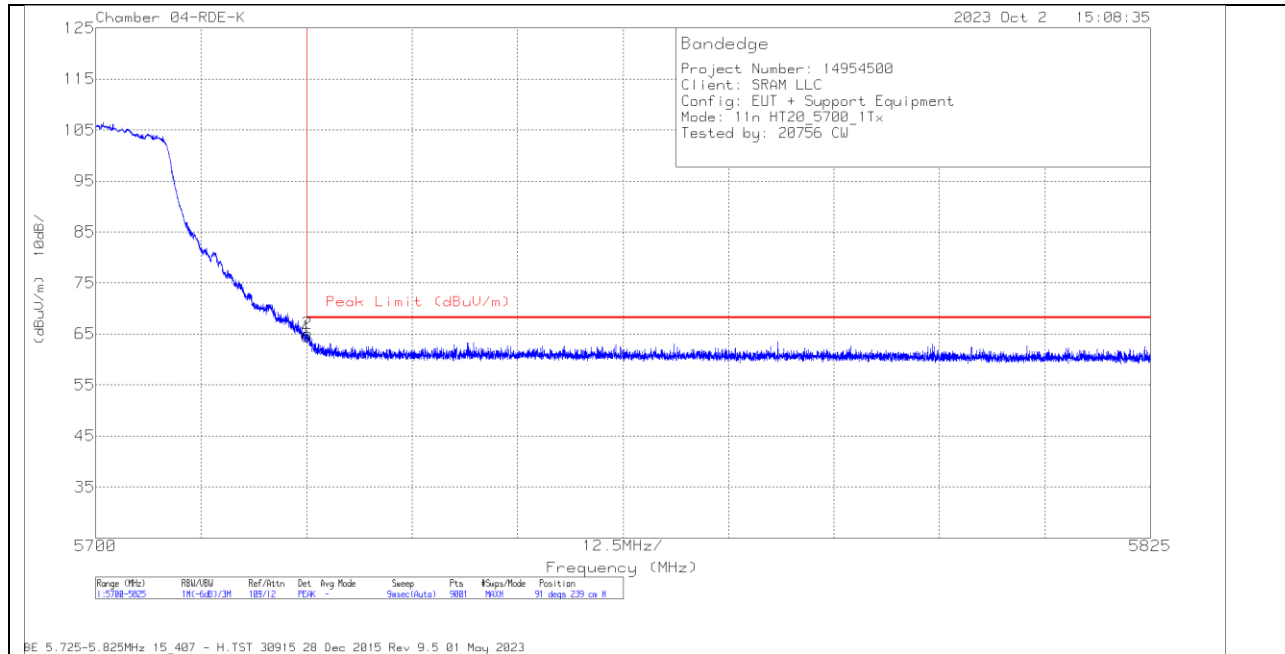
Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	223083 ACF 3m (dB/m)	Cb/Amp (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 5460	32.26	Pk	34.6	-6.7	60.16	-	-	68.2	-8.04	239	272	V
2	* 5375.511	33.75	Pk	34.5	-6.9	61.35	-	-	74	-12.65	239	272	V
3	5470	36.35	Pk	34.6	-6.7	64.25	-	-	68.2	-3.95	239	272	V
4	5468.997	37.25	Pk	34.6	-6.6	65.25	-	-	68.2	-2.95	239	272	V
5	* 5460	20.95	RMS	34.6	-6.7	48.85	54	-5.15	-	-	239	272	V
6	* 5459.839	22.35	RMS	34.6	-6.7	50.25	54	-3.75	-	-	239	272	V
7	5470	23.16	RMS	34.6	-6.7	51.06	-	-	-	-	239	272	V
8	* 5459.839	22.35	RMS	34.6	-6.7	50.25	54	-3.75	-	-	239	272	V

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



**BANDEDGE (HIGH CHANNEL)**

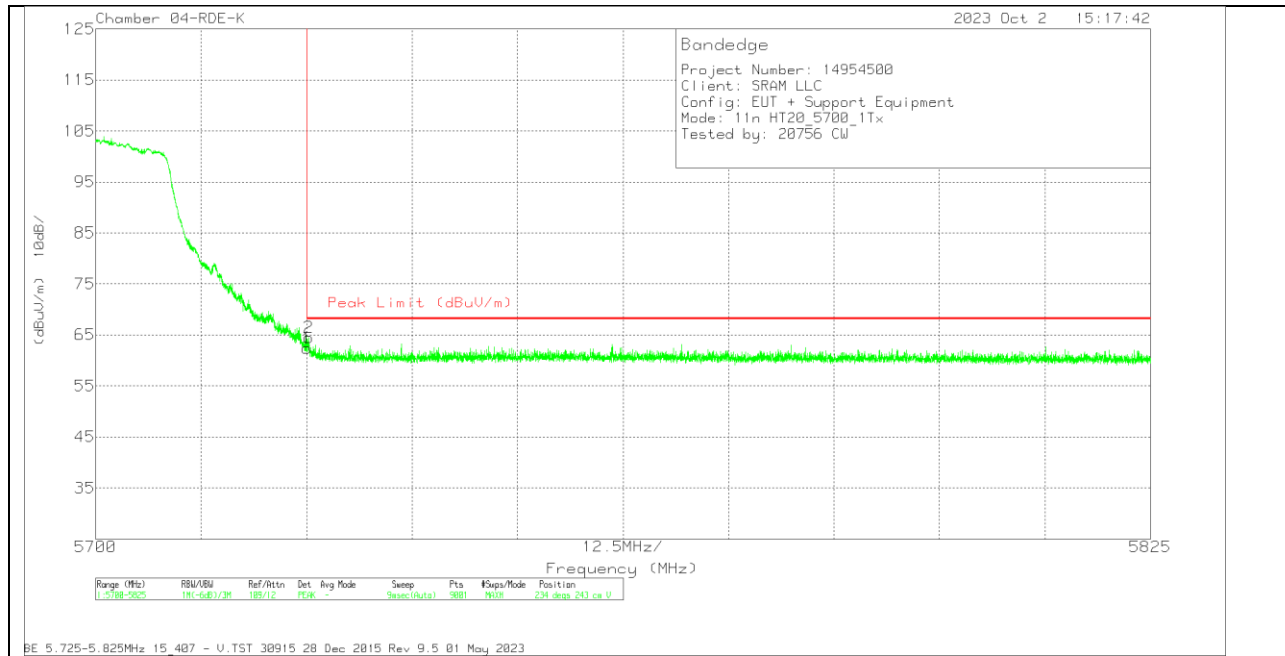
**HORIZONTAL RESULT**



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	35.75	Pk	34.7	-6	64.45	68.2	-3.75	91	239	H
2	5725.111	36.4	Pk	34.7	-6	65.1	68.2	-3.1	91	239	H

Pk - Peak detector

### VERTICAL RESULT

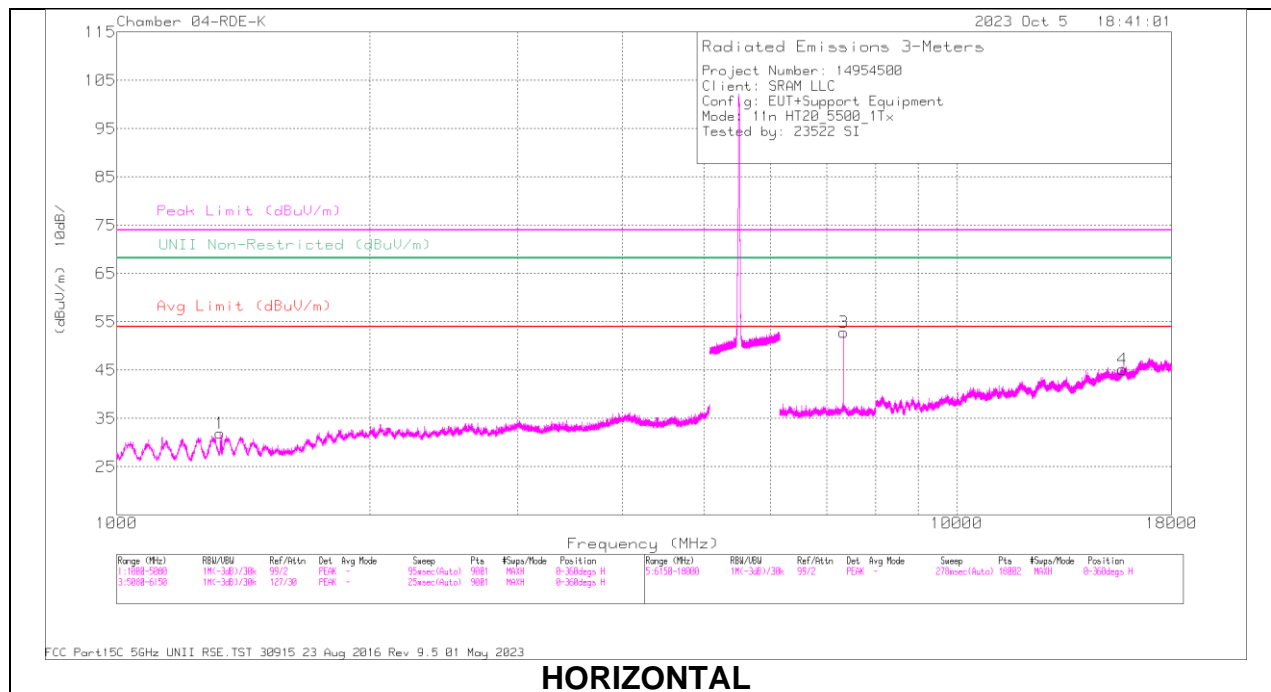


Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	223083 ACF 3m (dB/m)	Cbl/Amp (dB)	Corrected Reading (dBuV/m)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5725	33.69	Pk	34.7	-6	62.39	68.2	-5.81	234	243	V
2	5725.264	35.81	Pk	34.7	-6	64.51	68.2	-3.69	234	243	V

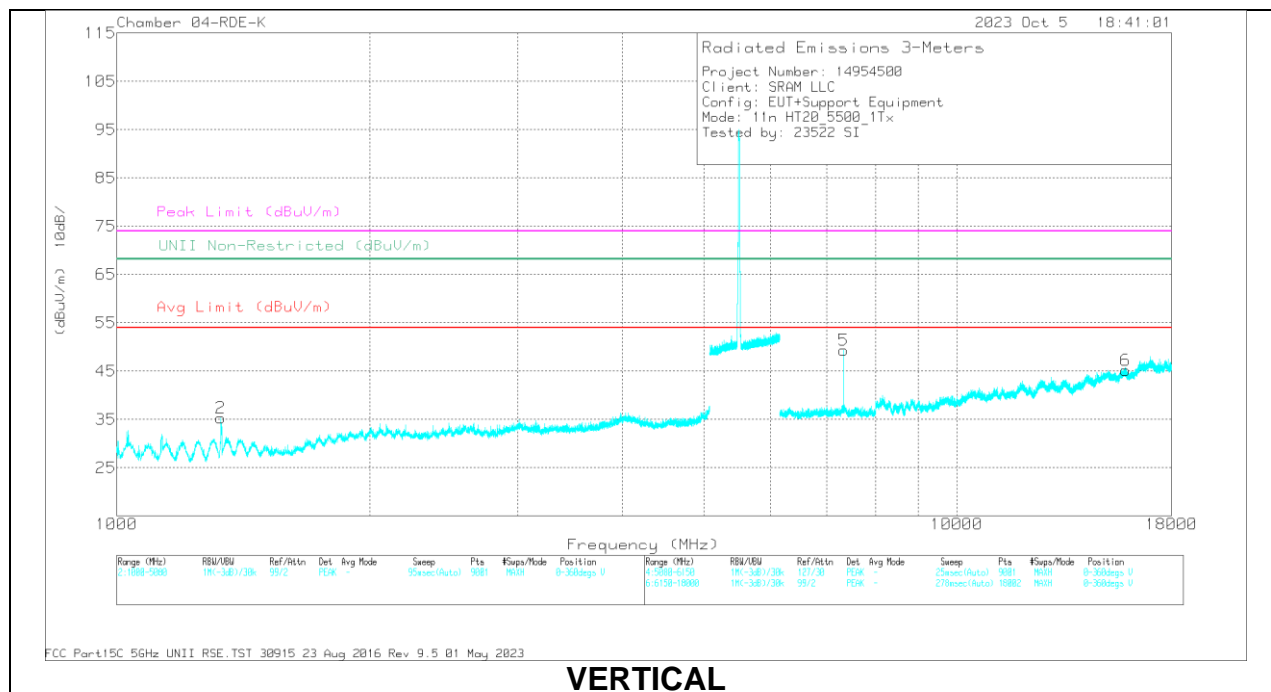
Pk - Peak detector

**HARMONICS AND SPURIOUS EMISSIONS**

**LOW CHANNEL RESULTS**



**HORIZONTAL**



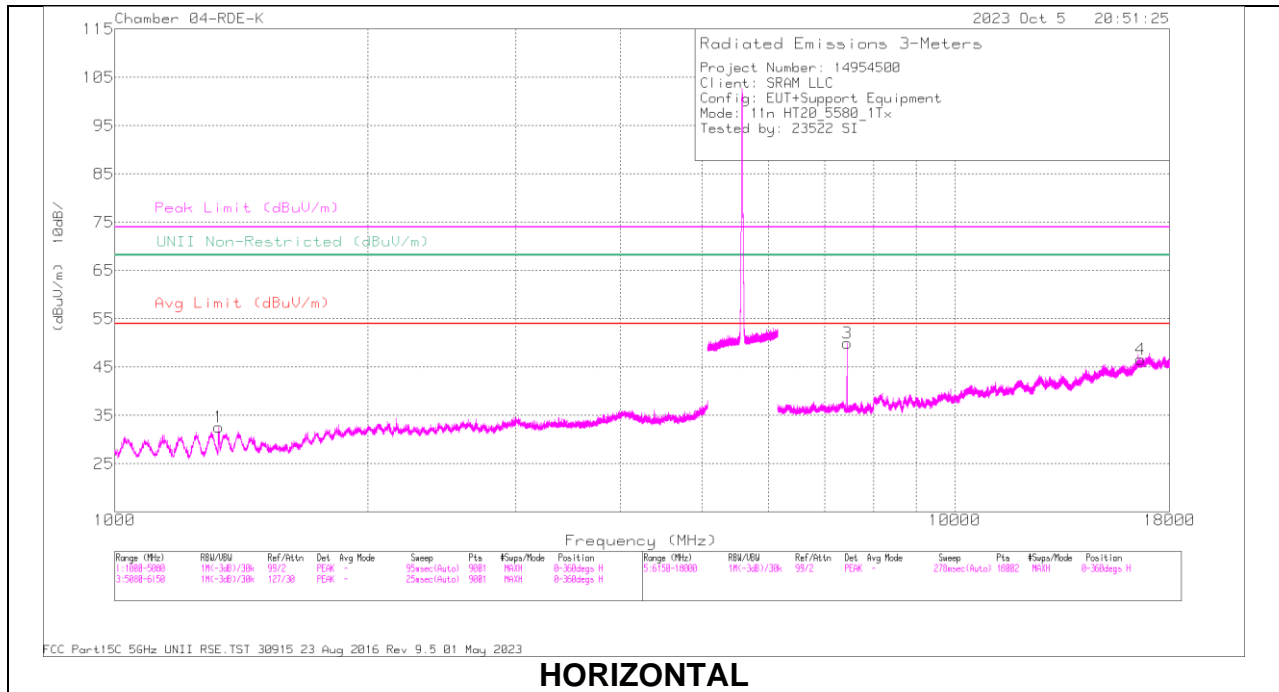
**VERTICAL**

**RADIATED EMISSIONS**

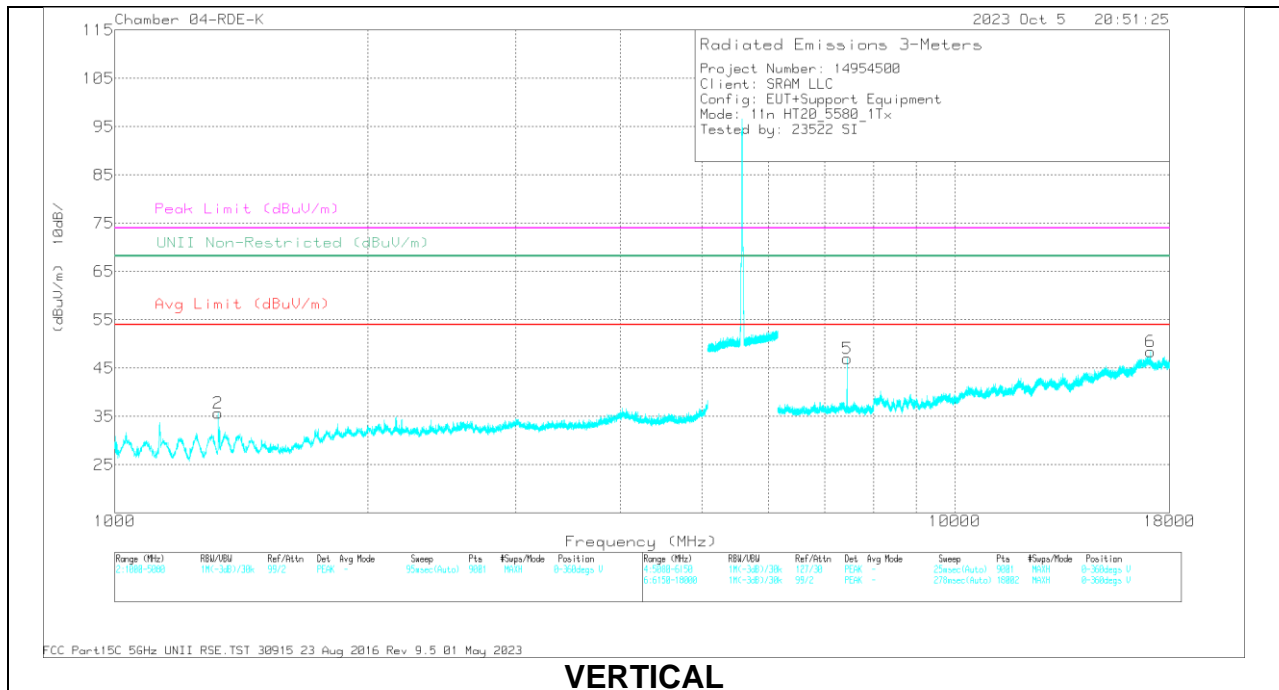
Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	223083 ACF 3m (dB/m)	Cbl/Amp (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 1327.148	61.38	PK-U	29	-45.8	-44.58	-	-	74	-29.42	-	-	251	147	H
	* 1328.176	45.77	ADR	29	-45.8	28.97	54	-25.03	-	-	-	-	251	147	H
2	* 1328.306	64.18	PK-U	29	-45.8	47.38	-	-	74	-26.62	-	-	195	228	V
	* 1328.62	47.18	ADR	29	-45.8	30.38	54	-23.62	-	-	-	-	195	228	V
3	* 7333.137	56.45	PK-U	35.7	-36.4	55.75	-	-	74	-18.25	-	-	175	119	H
	* 7333.205	52.95	ADR	35.7	-36.4	52.25	54	-1.75	-	-	-	-	175	119	H
4	* 15731.991	46.78	PK-U	40.1	-32.7	54.18	-	-	74	-19.62	-	-	78	294	H
	* 15731.566	34.92	ADR	40.1	-32.7	42.32	54	-11.68	-	-	-	-	78	294	H
5	* 7333.409	54.54	PK-U	35.7	-36.4	53.84	-	-	74	-20.16	-	-	306	233	V
	* 7333.205	50.03	ADR	35.7	-36.4	49.33	54	-4.67	-	-	-	-	306	233	V
6	* 15869.221	47.17	PK-U	40.2	-32.4	54.97	-	-	74	-19.03	-	-	145	242	V
	* 15865.38	35.33	ADR	40.2	-32.4	43.13	54	-10.87	-	-	-	-	145	242	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**



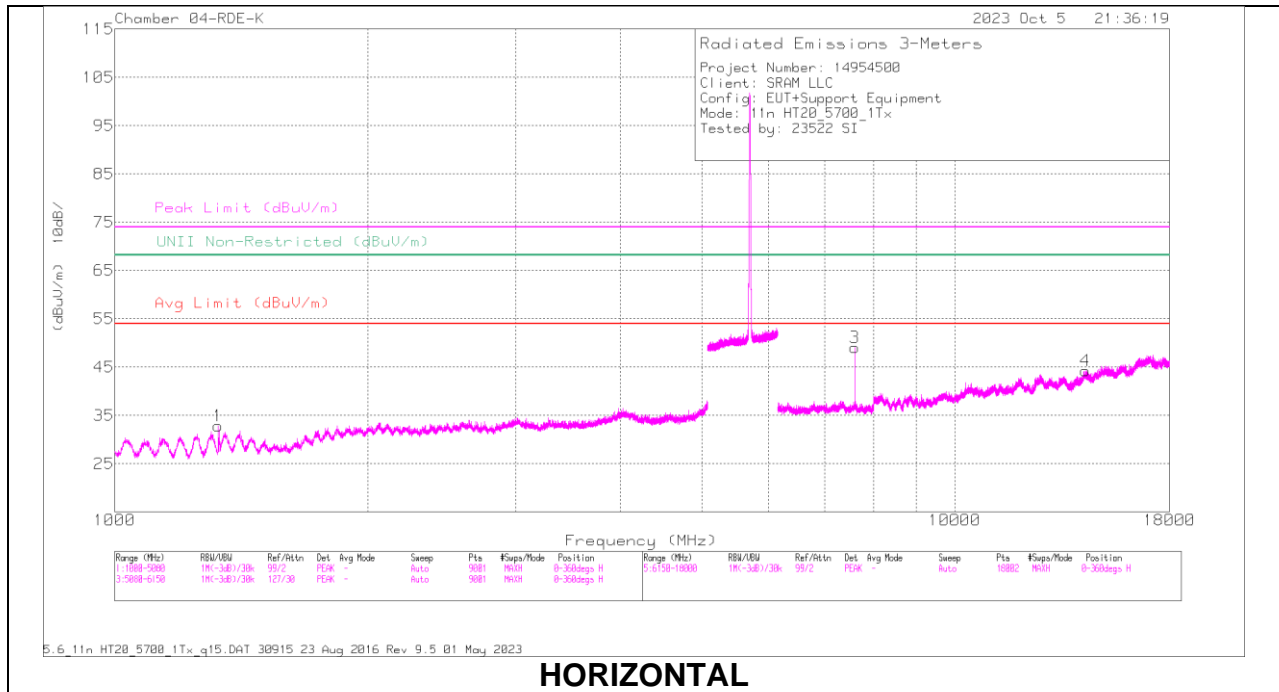
**VERTICAL**

**RADIATED EMISSIONS**

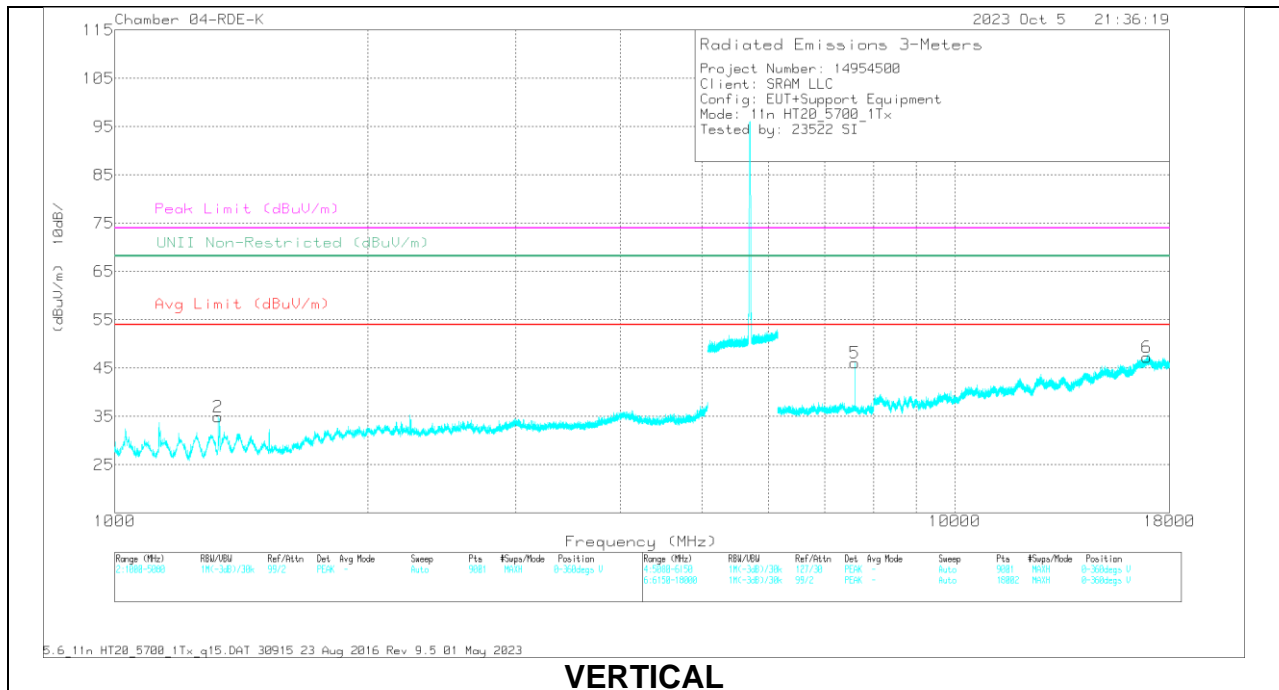
Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	223083 ACF 3m (dB/m)	Cbl/Amp (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 1330.049	62.5	PK-U	29	-45.8	45.7	-	-	74	-28.3	-	-	254	107	H
	* 1329.173	46.31	ADR	29	-45.8	29.51	54	-24.49	-	-	-	-	254	107	H
	* 1328.45	64.4	PK-U	29	-45.8	47.6	-	-	74	-26.4	-	-	198	214	V
2	* 1329.28	47.66	ADR	29	-45.8	30.86	54	-23.14	-	-	-	-	198	214	V
	* 7440.142	55.79	PK-U	35.7	-37.6	53.89	-	-	74	-20.11	-	-	11	105	H
	* 7439.926	52.02	ADR	35.7	-37.6	50.12	54	-3.88	-	-	-	-	11	105	H
4	16634.083	45.63	PK-U	41.4	-31.7	55.33	-	-	-	-	68.2	-12.87	109	320	H
	16633.94	34.41	ADR	41.4	-31.7	44.11	-	-	-	-	-	-	109	320	H
	* 7439.81	54.53	PK-U	35.7	-37.6	52.63	-	-	74	-21.37	-	-	305	218	V
5	* 7439.919	49.15	ADR	35.7	-37.6	47.25	54	-6.75	-	-	-	-	305	218	V
	17081.817	45.81	PK-U	41.5	-31.3	56.01	-	-	-	-	68.2	-12.19	230	300	V
	17078.932	34.62	ADR	41.5	-31.3	44.72	-	-	-	-	-	-	230	300	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**

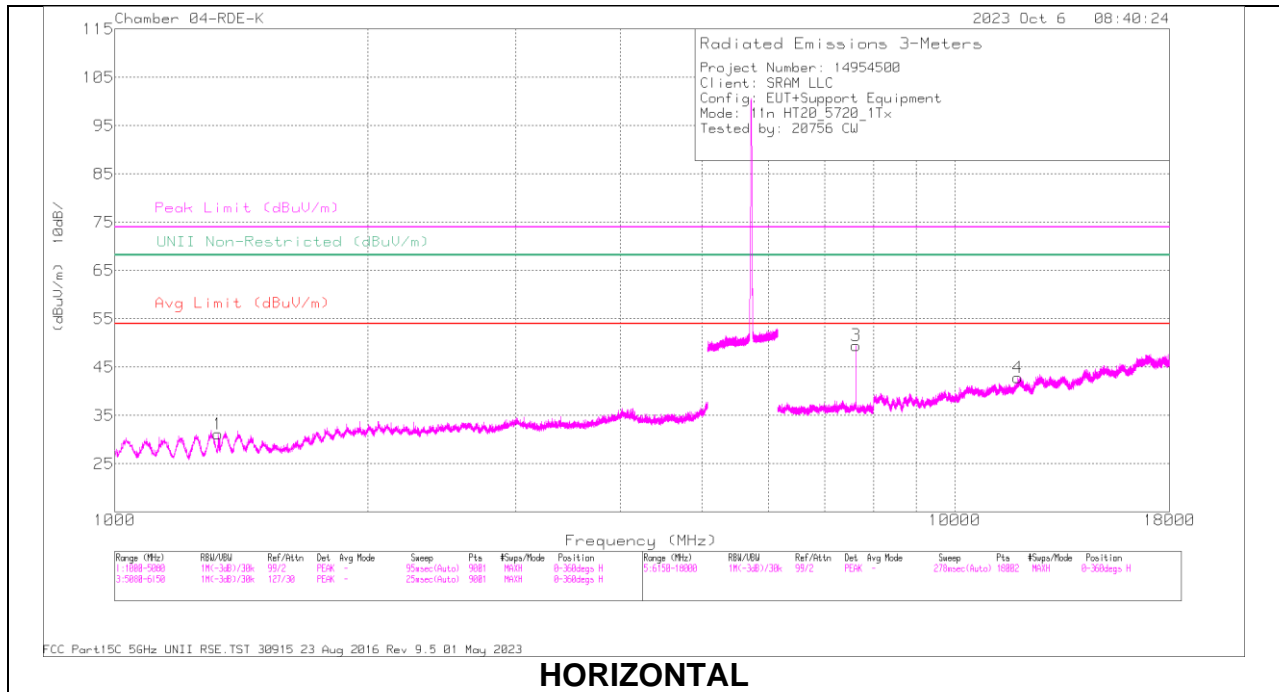
**RADIATED EMISSIONS**

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	* 1327.325	59.82	PK-U	29	-45.8	43.02	-	-	74	-30.98	-	-	225	203	H
	* 1327.855	44.63	ADR	29	-45.8	27.83	54	-26.17	-	-	-	-	225	203	H
2	* 1327.064	64.24	PK-U	29	-45.8	47.44	-	-	74	-26.56	-	-	194	231	V
	* 1328.898	47.05	ADR	29	-45.8	30.25	54	-23.75	-	-	-	-	194	231	V
3	* 7600.027	54.61	PK-U	35.8	-37.1	53.31	-	-	74	-20.69	-	-	10	117	H
	* 7599.839	49.77	ADR	35.8	-37.1	48.47	54	-5.53	-	-	-	-	10	117	H
4	* 14286.608	49.03	PK-U	39.3	-34.3	53.03	-	-	-	-	68.2	-15.17	124	267	H
	14286.136	36.15	ADR	39.3	-34.2	41.25	-	-	-	-	-	-	124	267	H
5	* 7599.969	53.59	PK-U	35.8	-37.1	52.29	-	-	74	-21.71	-	-	220	245	V
	* 7599.961	47.95	ADR	35.8	-37.1	46.65	54	-7.35	-	-	-	-	220	245	V
6	16912.786	46.33	PK-U	41.7	-31.7	56.33	-	-	-	-	68.2	-11.87	226	222	V
	16915.178	34.53	ADR	41.7	-31.6	44.63	-	-	-	-	-	-	226	222	V

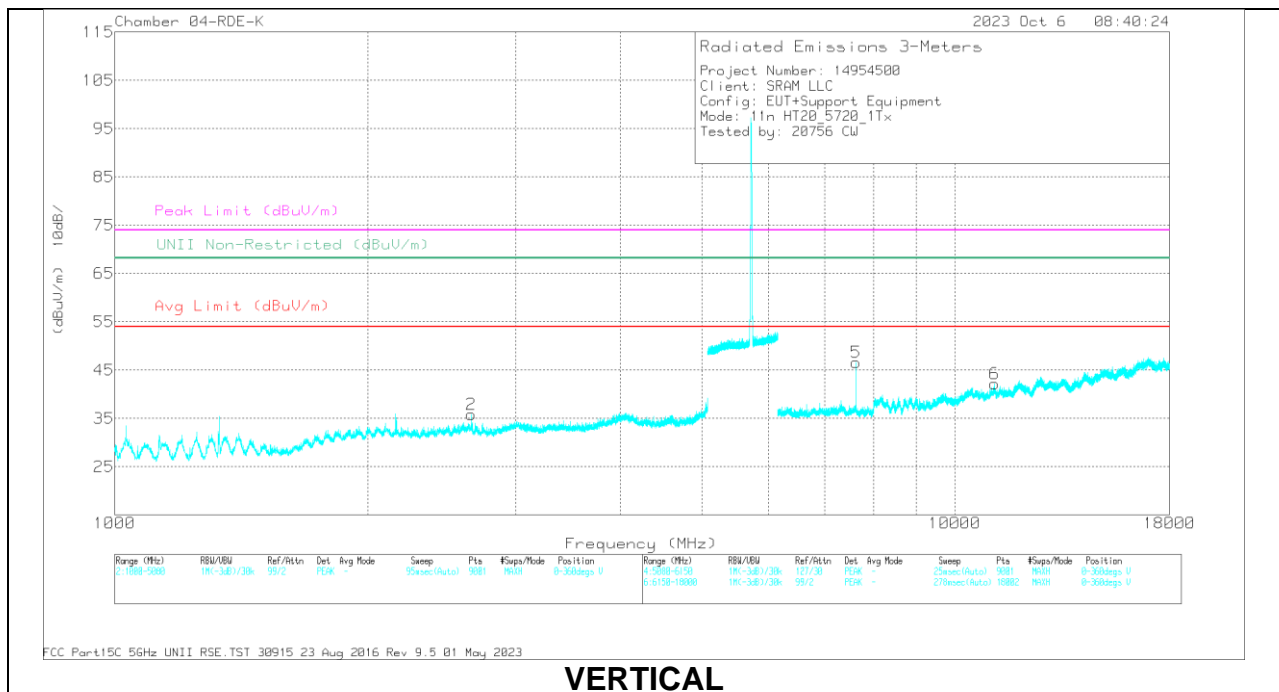
\* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band  
 PK-U - U-NII: Maximum Peak  
 ADR - U-NII AD primary method, RMS average



### CHANNEL 144 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	* 1327.419	62.53	PK-U	29	-45.8	45.73	-	-	74	-28.27	-	-	257	201	H
	* 1329.254	46.55	ADR	29	-45.8	29.75	54	-24.25	-	-	-	-	257	201	H
2	* 2656.933	54.61	PK-U	32.3	-43	43.91	-	-	74	-30.09	-	-	7	327	V
	* 2655.305	42.73	ADR	32.3	-43	32.03	54	-21.97	-	-	-	-	7	327	V
3	* 7626.55	54.9	PK-U	35.8	-37.4	53.3	-	-	74	-20.7	-	-	10	130	H
	* 7626.61	50.63	ADR	35.8	-37.4	49.03	54	-4.97	-	-	-	-	10	130	H
4	* 11886.179	47.75	PK-U	38.5	-34.3	51.95	-	-	74	-22.05	-	-	141	197	H
	* 11886.268	35.66	ADR	38.5	-34.3	39.86	54	-14.14	-	-	-	-	141	197	H
5	* 7626.65	54.84	PK-U	35.8	-37.4	53.24	-	-	74	-20.76	-	-	328	234	V
	* 7626.582	50.56	ADR	35.8	-37.4	48.96	54	-5.04	-	-	-	-	328	234	V
6	* 11137.77	48.72	PK-U	38	-35.9	50.82	-	-	74	-23.18	-	-	87	339	V
	* 11137.679	37.63	ADR	38	-35.9	39.73	54	-14.27	-	-	-	-	87	339	V

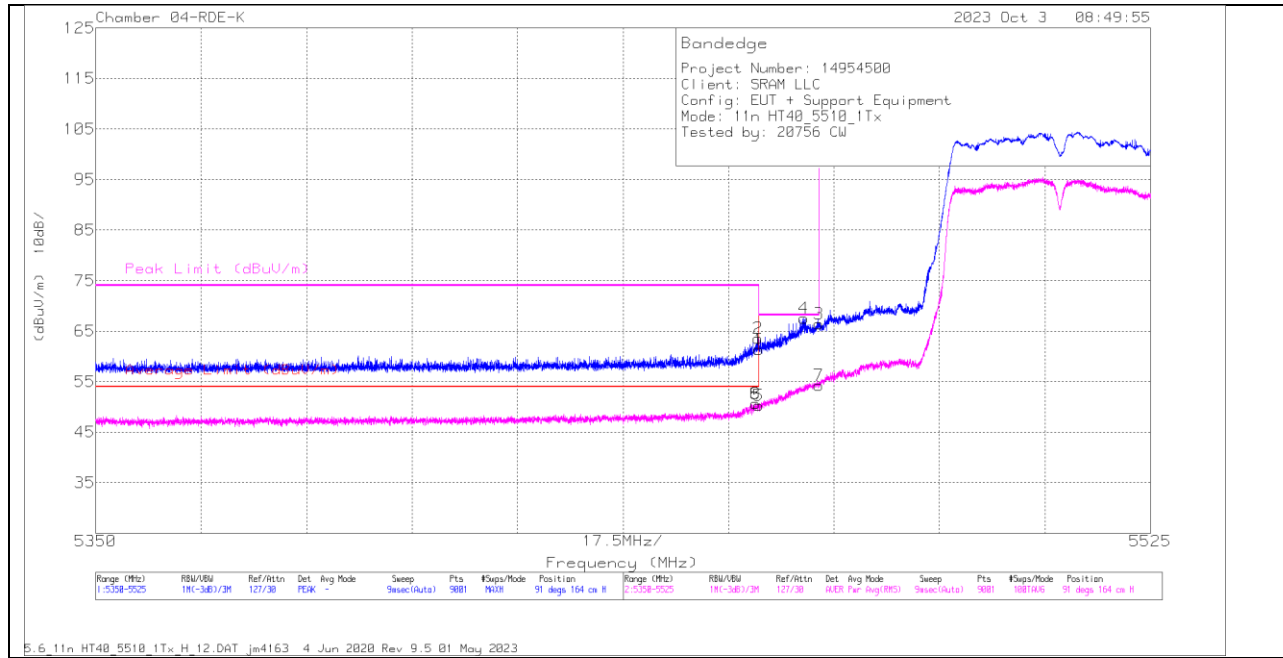
\* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band  
 PK-U - U-NII: Maximum Peak  
 ADR - U-NII AD primary method, RMS average

**10.1.11. TX ABOVE 1 GHz 802.11n HT40 MODE IN THE 5.6 GHz BAND**

**1TX Antenna 1 MODE**

**BANDEDGE (LOW CHANNEL)**

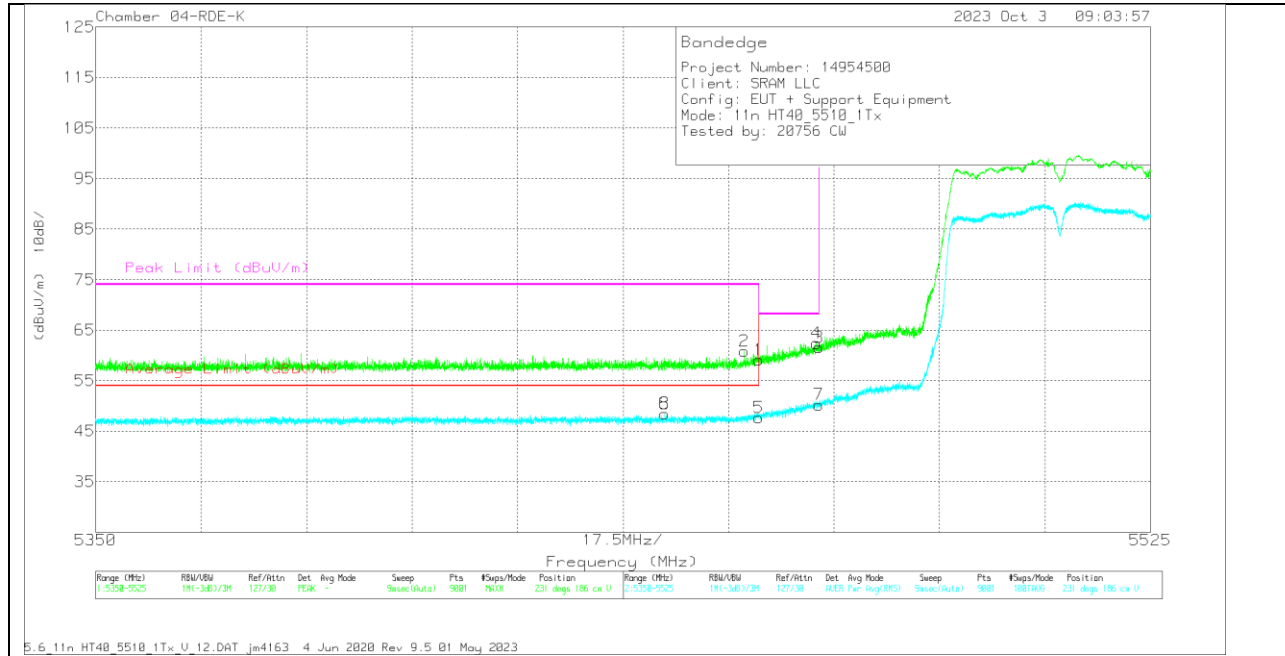
**HORIZONTAL RESULT**



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	56.54	Pk	34.6	-29.8	0	61.34	-	-	68.2	-6.86	91	164	H
2	* 5459.917	58.8	Pk	34.6	-29.8	0	63.6	-	-	74	-10.4	91	164	H
3	5470	61.72	Pk	34.6	-29.9	0	66.42	-	-	68.2	-1.78	91	164	H
4	5467.5	62.72	Pk	34.6	-29.8	0	67.52	-	-	68.2	-0.68	91	164	H
5	* 5460	45.25	RMS	34.6	-29.8	16	50.21	54	-3.79	-	-	91	164	H
6	* 5459.528	45.69	RMS	34.6	-29.8	16	50.65	54	-3.35	-	-	91	164	H
7	5470	49.28	RMS	34.6	-29.9	16	54.14	-	-	-	-	91	164	H
8	* 5459.528	45.69	RMS	34.6	-29.8	16	50.65	54	-3.35	-	-	91	164	H

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

### VERTICAL RESULT

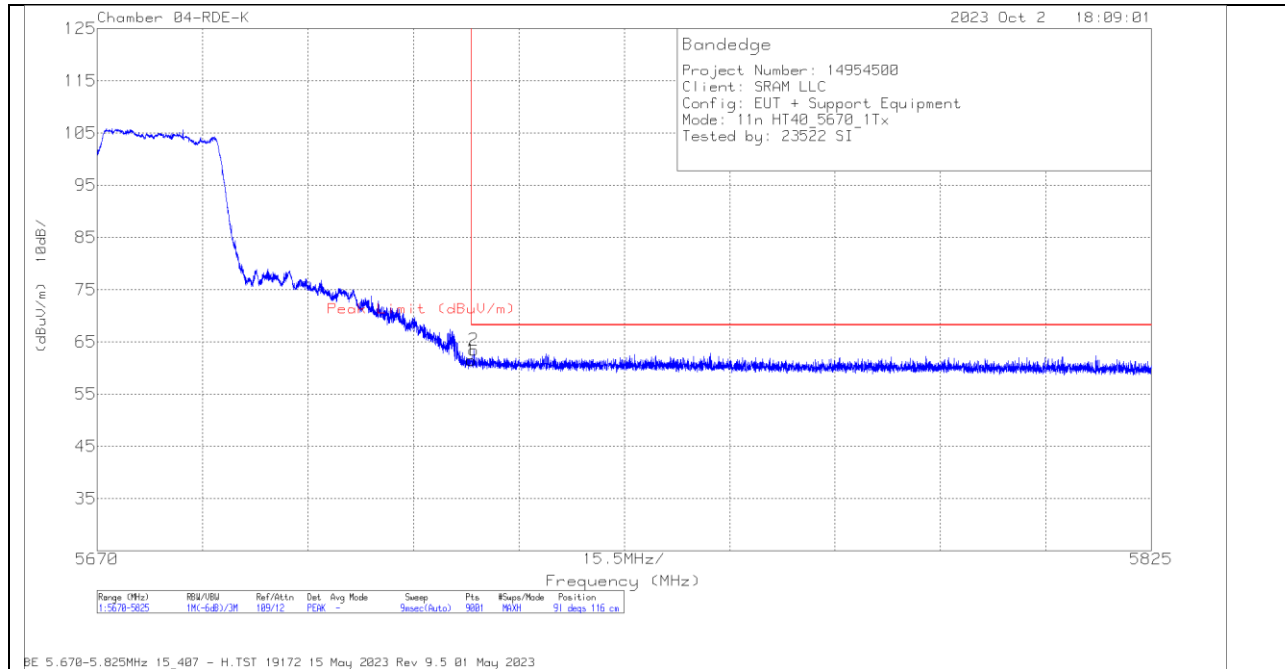


Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	223683 ACF 3m (dBm)	CMI/Amp (dB)	DCCF (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 5460	54.33	Pk	34.6	-29.8	0	59.13	-	-	68.2	-9.07	231	186	V
2	* 5457.584	56.09	Pk	34.6	-29.9	0	60.79	-	-	74	-13.21	231	186	V
3	5470	56.93	Pk	34.6	-29.9	0	61.63	-	-	68.2	-6.57	231	186	V
4	5469.581	57.7	Pk	34.6	-29.9	0	62.4	-	-	68.2	-5.8	231	186	V
5	* 5460	42.68	RMS	34.6	-29.8	16	47.64	54	-6.36	-	-	231	186	V
6	* 5444.42	43.56	RMS	34.6	-29.9	16	48.42	54	-5.58	-	-	231	186	V
7	5470	43.3	RMS	34.6	-29.9	16	50.16	-	-	-	-	231	186	V
8	* 5444.42	43.56	RMS	34.6	-29.9	16	48.42	54	-5.58	-	-	231	186	V

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

**BANDEDGE (HIGH CHANNEL)**

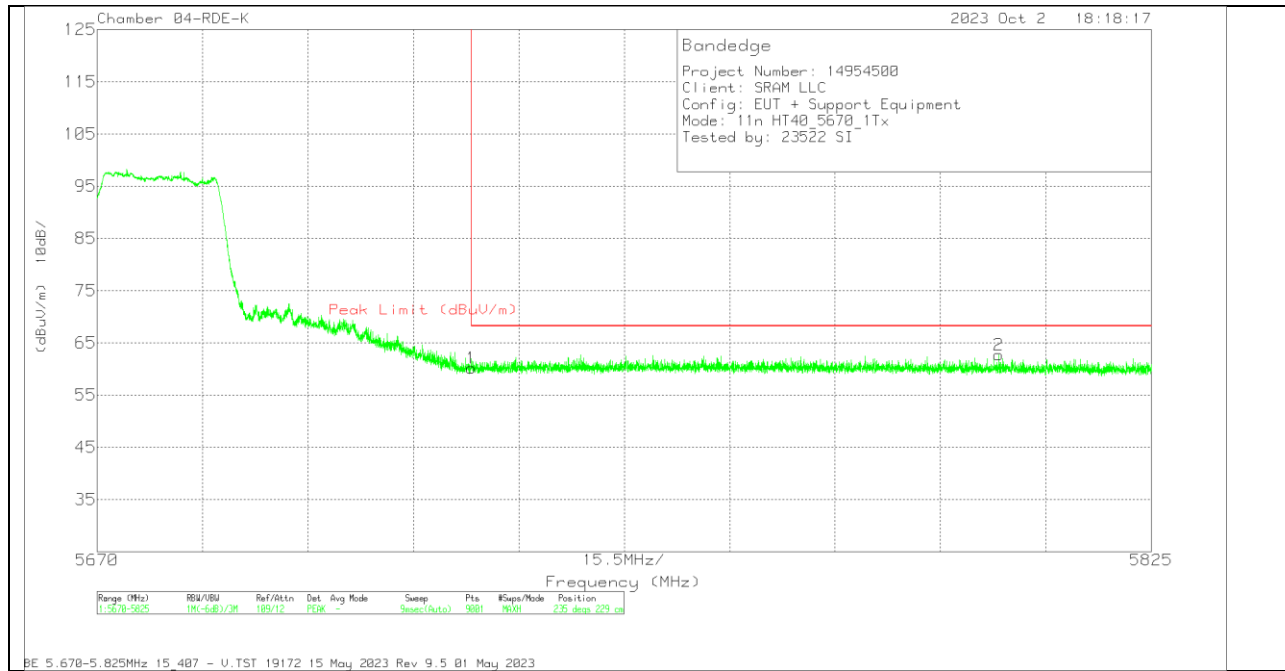
**HORIZONTAL RESULT**



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	32.76	Pk	34.7	-6	61.46	68.2	-6.74	91	116	H
2	5725.403	34.74	Pk	34.7	-6	63.44	68.2	-4.76	91	116	H

Pk - Peak detector

### VERTICAL RESULT



Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	223083 ACF 3m (dB/m)	CbI/Amp (dB)	Corrected Reading (dBuV/m)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5725	31.45	Pk	34.7	-6	60.15	68.2	-8.05	235	229	V
2	5802.558	33.88	Pk	34.8	-6	62.68	68.2	-5.52	235	229	V

Pk - Peak detector