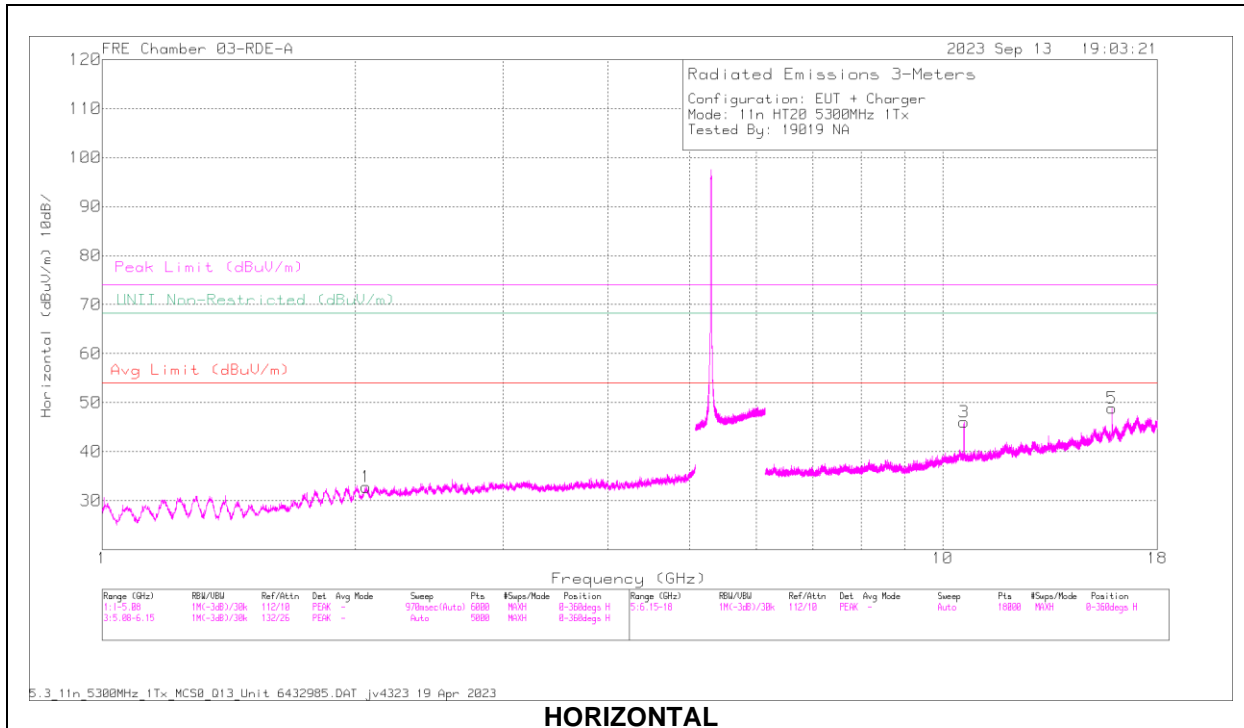
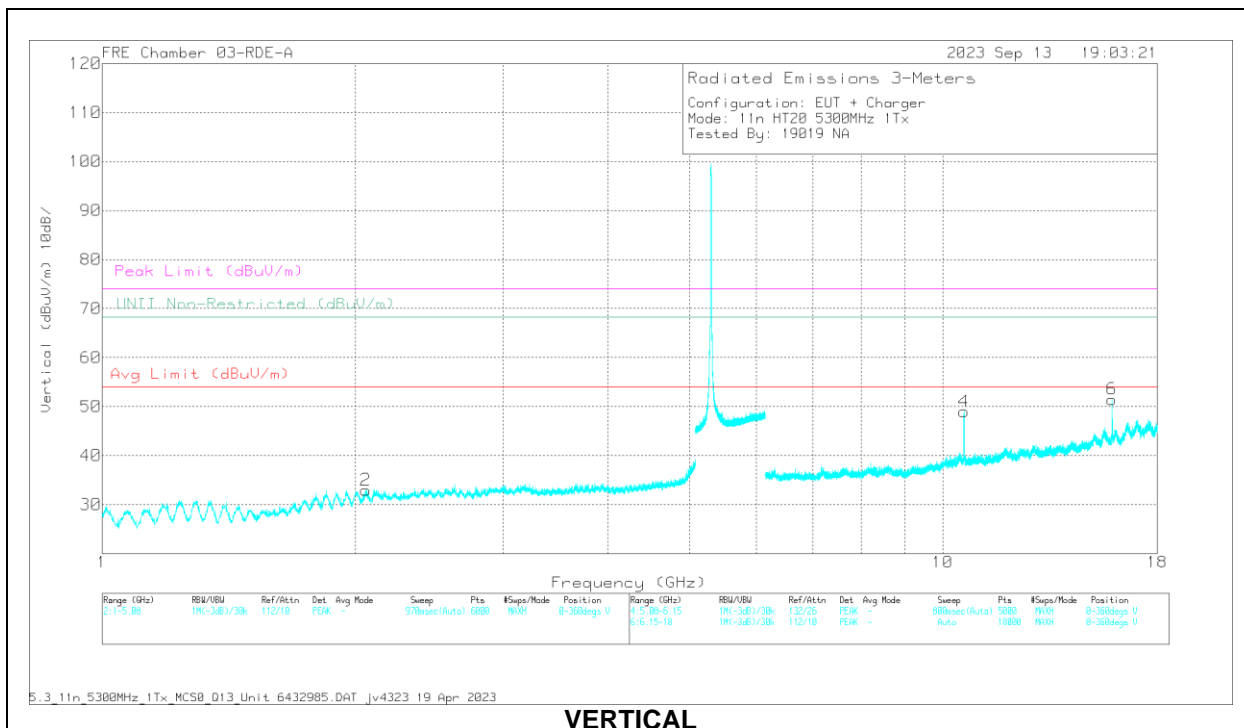


MID CHANNEL RESULTS



HORIZONTAL



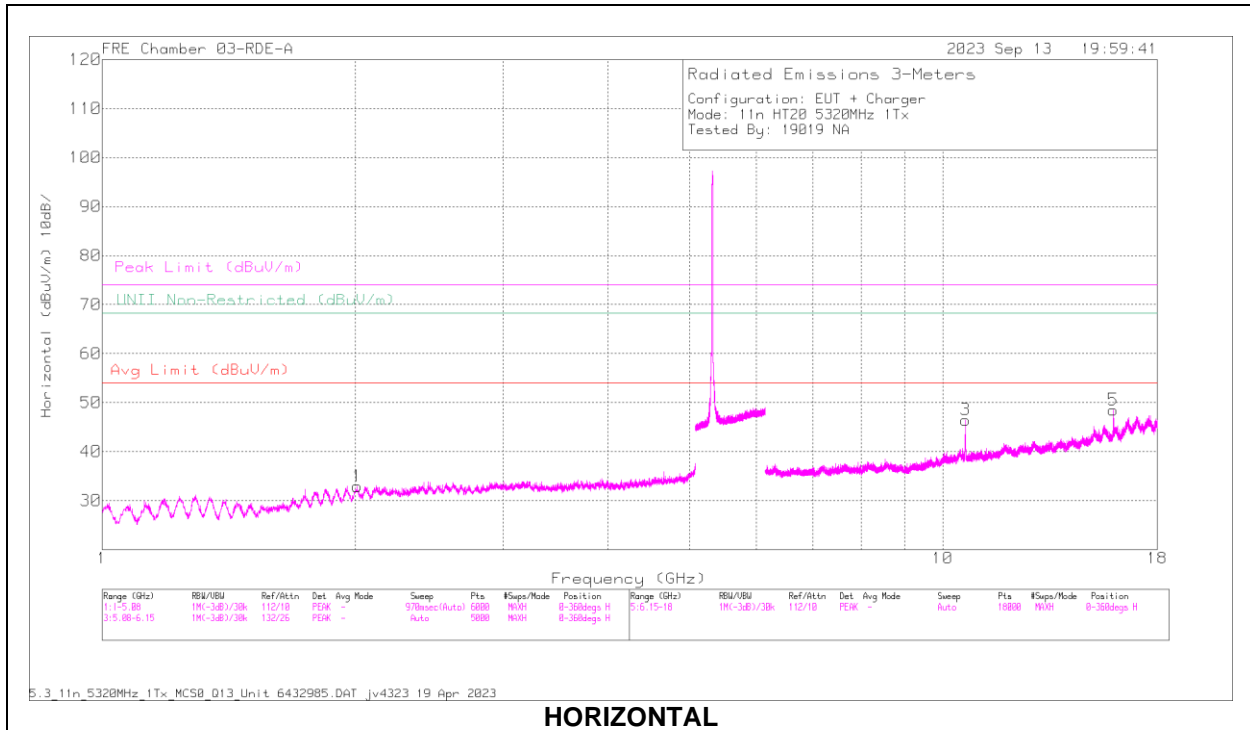
VERTICAL

RADIATED EMISSIONS

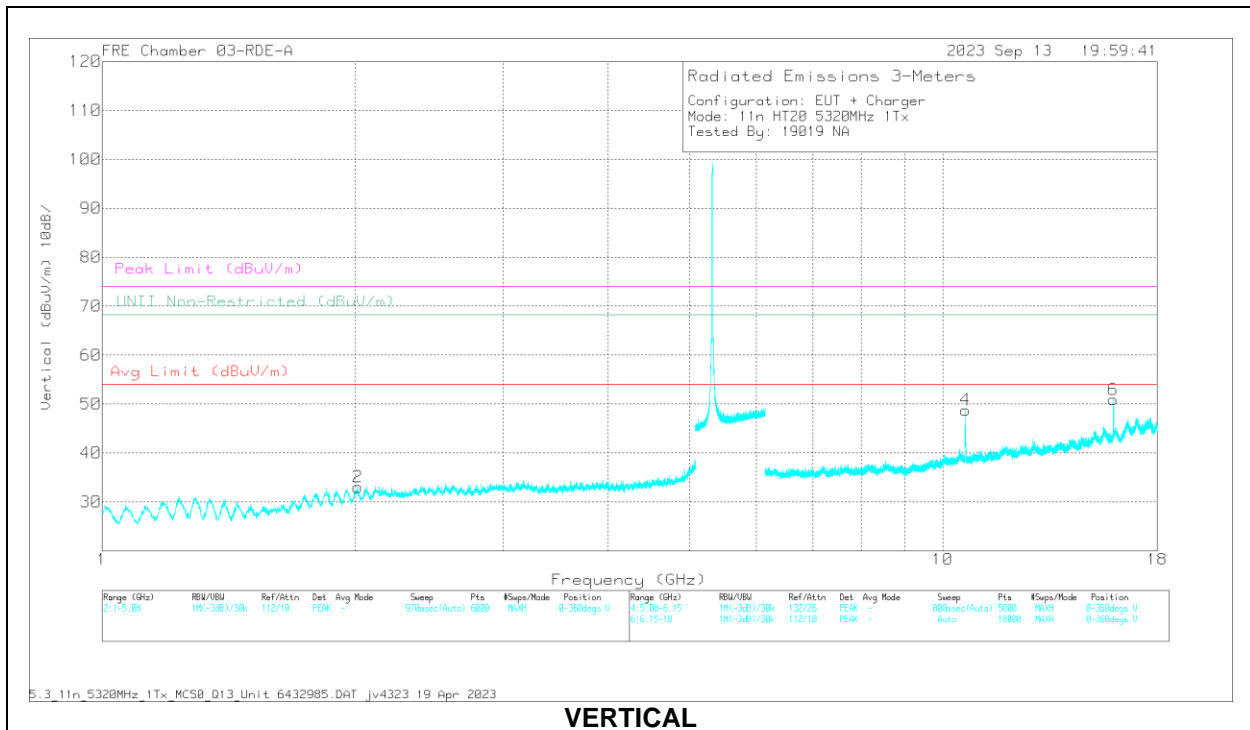
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	200897 ACF 3m (dB/m)	DCCF (dB)	Gain/Loss (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
5	* 15.90238	62.35	PK-U	40.4	0	-41.74	61.01	-	-	74	-12.99	-	-	69	105	H
	* 15.90408	48.56	ADR	40.4	.52	-41.77	47.71	54	-6.29	-	-	-	-	69	105	H
6	* 15.89918	64.64	PK-U	40.4	0	-41.73	63.31	-	-	74	-10.69	-	-	135	109	V
	* 15.90036	51.21	ADR	40.4	.52	-41.74	50.39	54	-3.61	-	-	-	-	135	109	V
2	2.05754	61.85	PK-U	31.4	0	-50.08	43.17	-	-	-	-	68.2	-25.03	155	150	V
1	2.059796	61.39	PK-U	31.4	0	-50.23	42.56	-	-	-	-	68.2	-25.64	102	166	H
3	10.597977	64.06	PK-U	37.7	0	-45.13	56.63	-	-	-	-	68.2	-11.57	118	129	H
4	10.599199	66.43	PK-U	37.7	0	-45.13	59	-	-	-	-	68.2	-9.2	130	116	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 (GHz)	Meter Reading (dBuV)	Det	200897 ACF 3m (dB/m)	DCCF (dB)	Gain/Loss (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
5	* 15.96281	61.27	PK-U	40.5	0	-41.9	59.87	-	-	74	-14.13	-	-	68	109	H
	* 15.96101	47.38	ADR	40.5	.52	-41.9	46.50	54	-7.50	-	-	-	-	68	109	H
3	* 10.63918	63.34	PK-U	37.7	0	-45.2	55.84	-	-	74	-18.16	-	-	118	115	H
	* 10.63977	52.54	ADR	37.7	.52	-45.21	45.55	54	-8.45	-	-	-	-	118	115	H
6	* 15.95948	63.55	PK-U	40.4	0	-41.89	62.06	-	-	74	-11.94	-	-	128	103	V
	* 15.95904	49.93	ADR	40.4	.52	-41.88	48.97	54	-5.03	-	-	-	-	128	103	V
4	* 10.64103	66.68	PK-U	37.7	0	-45.22	59.16	-	-	74	-14.84	-	-	124	103	V
	* 10.63999	55.47	ADR	37.7	.52	-45.22	48.47	54	-5.53	-	-	-	-	124	103	V
1	2.009025	62.82	PK-U	31.3	0	-50.11	44.01	-	-	-	-	68.2	-24.19	155	139	H
2	2.014019	61.53	PK-U	31.3	0	-50.19	42.64	-	-	-	-	68.2	-25.56	94	170	V

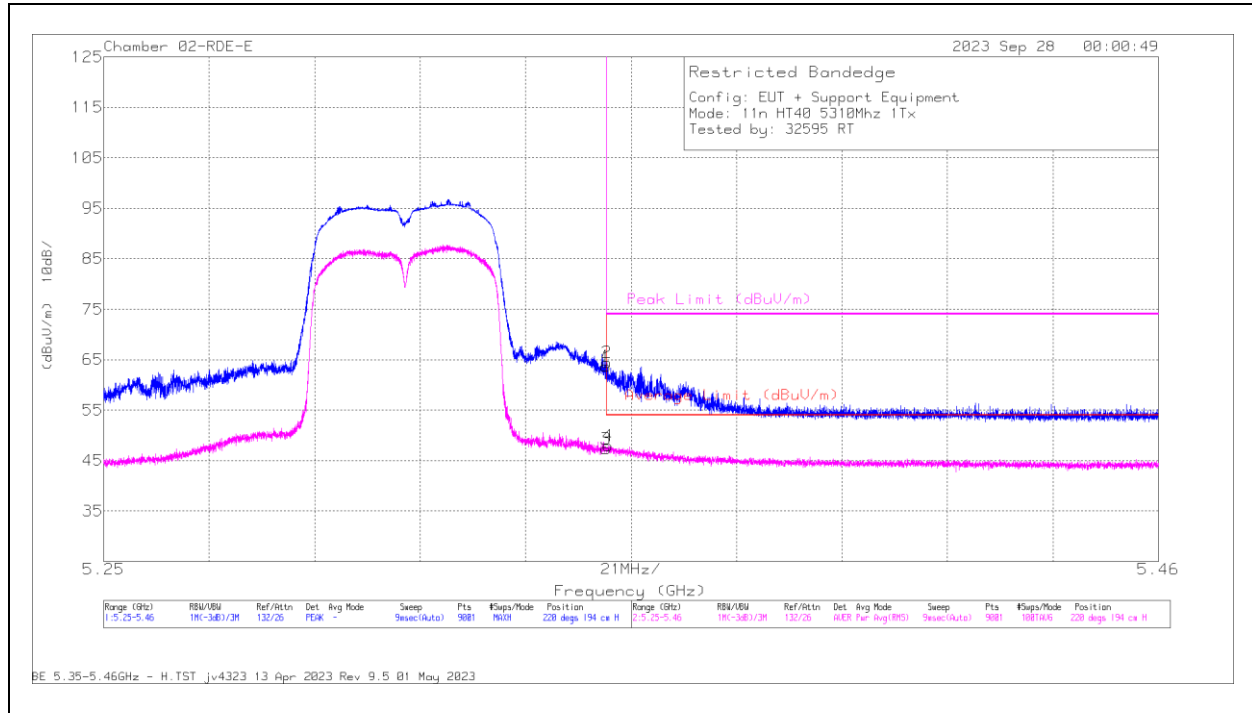
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band
 PK-U - U-NII: Maximum Peak
 ADR - U-NII AD primary method, RMS average

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

1TX Antenna 1 MODE

BANDEDGE (HIGH CHANNEL)

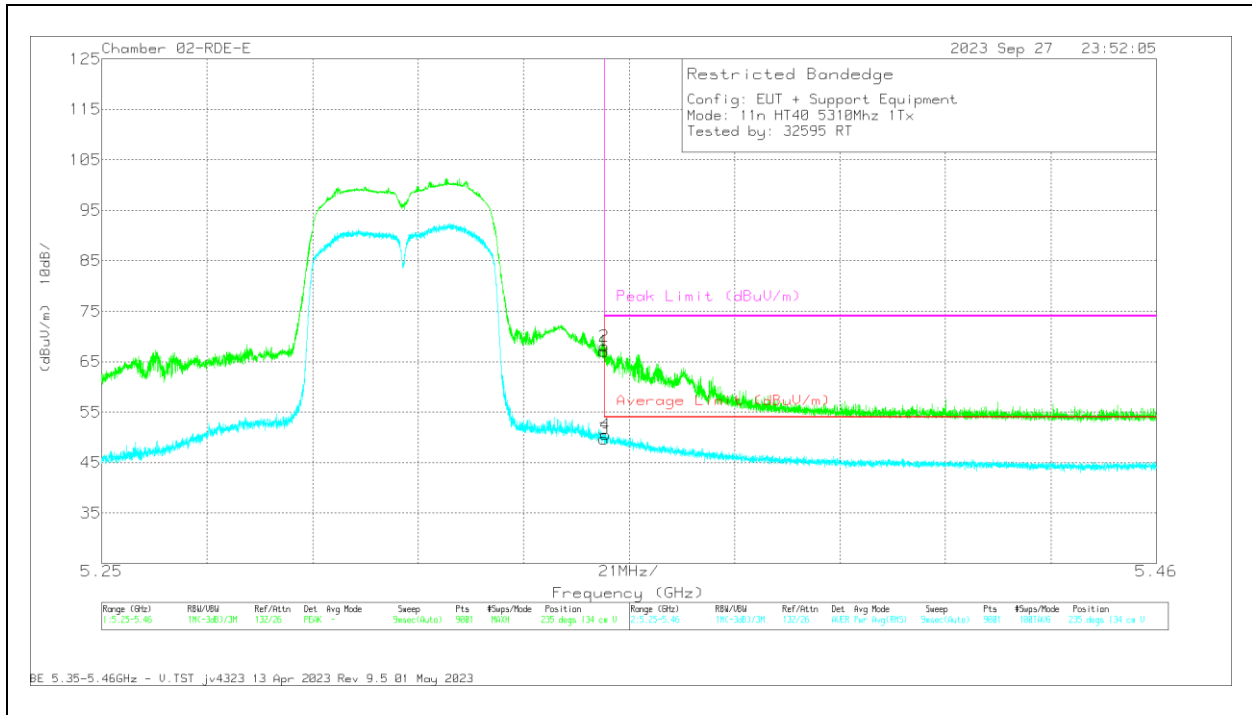
HORIZONTAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	206807 ACF (dB/m)	DCCF (dB)	Gain/Loss (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 5.35	66.86	Pk	34.5	0	-37.68	63.68	-	-	74	-10.32	220	194	H
2	* 5.350192	67.66	Pk	34.5	0	-37.68	64.48	-	-	74	-9.52	220	194	H
3	* 5.35	49.38	RMS	34.5	1.09	-37.68	47.29	54	-6.71	-	-	220	194	H
4	* 5.350449	50.01	RMS	34.5	1.09	-37.68	47.92	54	-6.08	-	-	220	194	H

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

VERTICAL RESULT

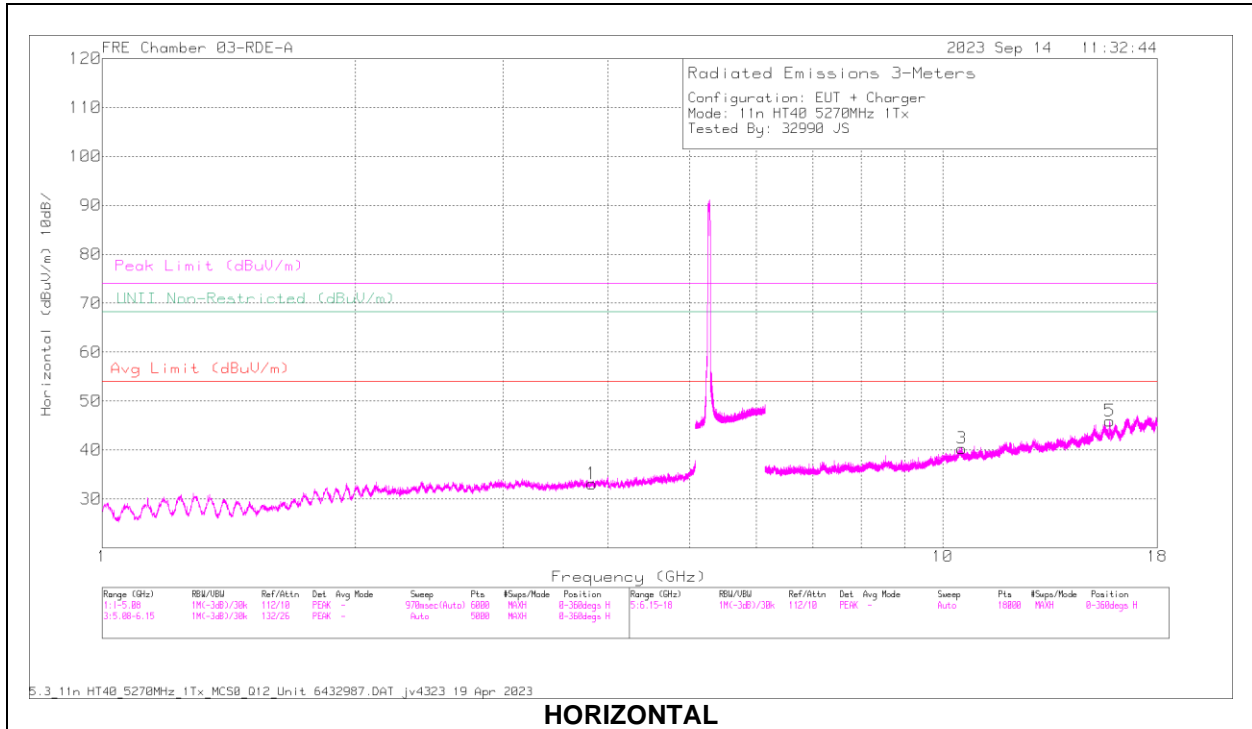


Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	206807 ACF (dB/m)	DCCF (dB)	Gain/Loss (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 5.35	70.26	Pk	34.5	0	-37.68	67.08	-	-	74	-6.92	235	134	V
2	* 5.350052	71.28	Pk	34.5	0	-37.68	68.1	-	-	74	-5.9	235	134	V
3	* 5.35	51.77	RMS	34.5	1.09	-37.68	49.68	54	-4.32	-	-	235	134	V
4	* 5.350285	52.64	RMS	34.5	1.09	-37.68	50.55	54	-3.45	-	-	235	134	V

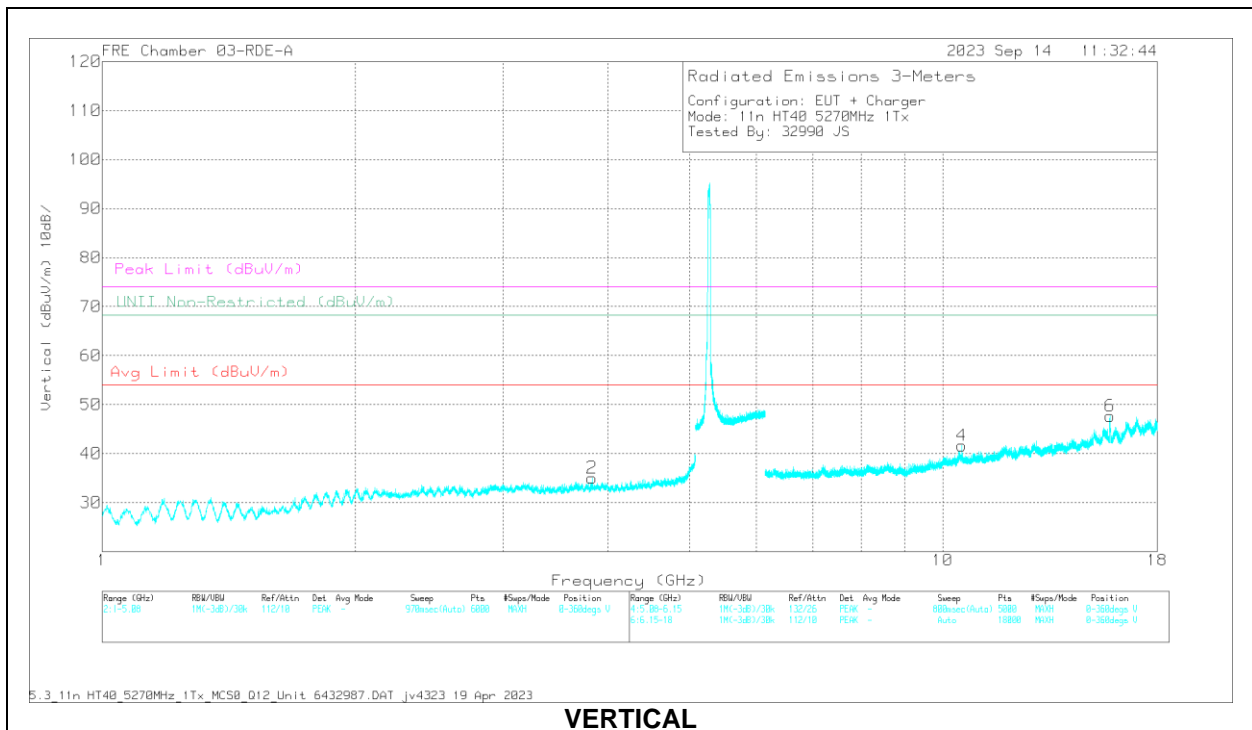
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band
 Pk - Peak detector
 RMS - RMS detection

HARMONICS AND SPURIOUS EMISSIONS

LOW CHANNEL RESULTS



HORIZONTAL



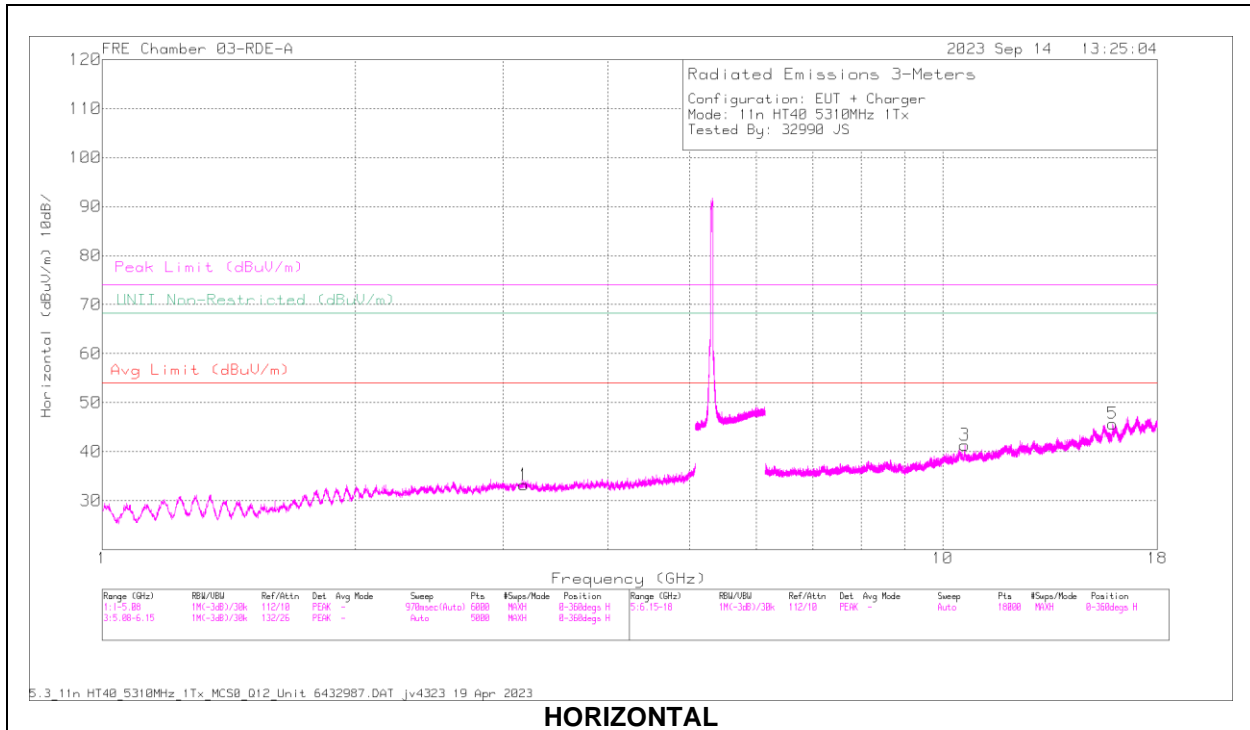
VERTICAL

RADIATED EMISSIONS

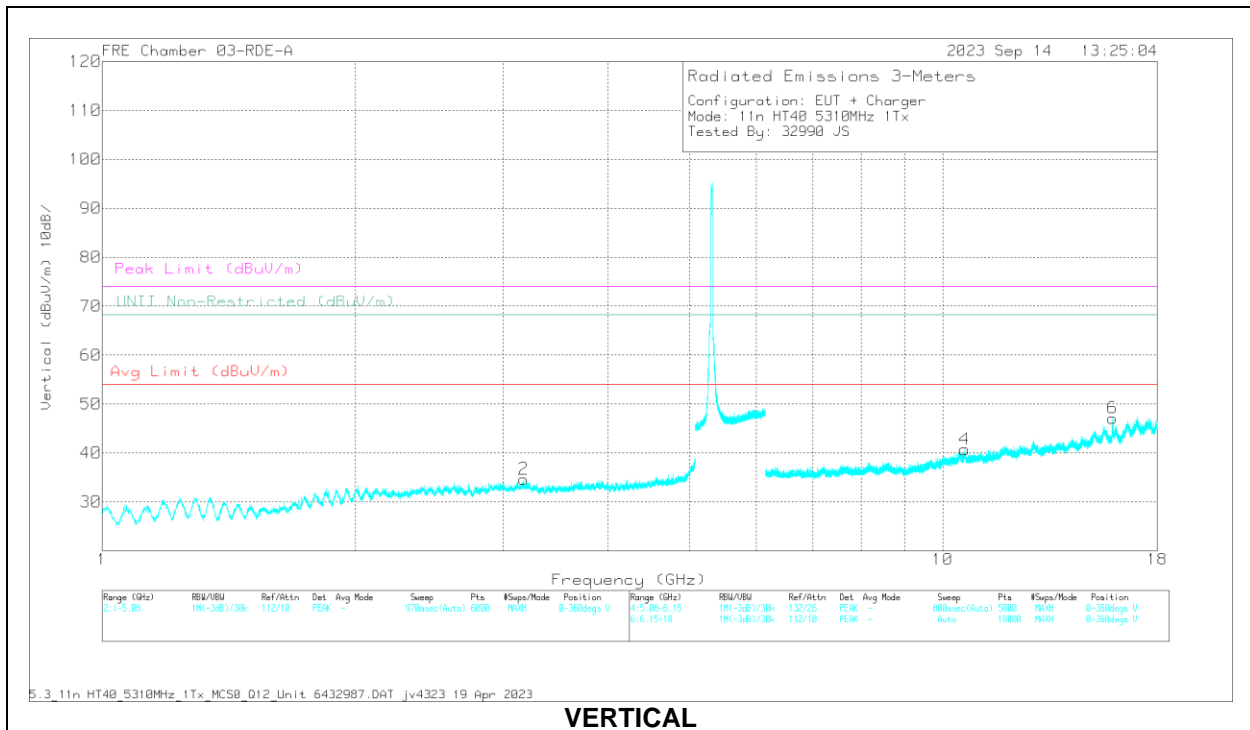
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	200897 ACF 3m (dB/m)	DCCF (dB)	Gain/Loss (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 3.823584	57.28	PK-U	33.3	0	-47.04	43.54	-	-	74	-30.46	-	-	42	125	H
	* 3.824965	45.86	ADR	33.3	1.09	-47.02	33.23	54	-20.77	-	-	-	-	42	125	H
2	* 3.823463	57.5	PK-U	33.3	0	-47.04	43.76	-	-	74	-30.24	-	-	8	107	V
	* 3.826035	45.66	ADR	33.3	1.09	-47.01	33.04	54	-20.96	-	-	-	-	8	107	V
5	* 15.79943	58.98	PK-U	40.4	0	-41.25	58.13	-	-	74	-15.87	-	-	258	130	H
	* 15.80013	45.01	ADR	40.4	1.09	-41.23	45.27	54	-8.73	-	-	-	-	258	130	H
6	* 15.81517	61.28	PK-U	40.4	0	-41.13	60.55	-	-	74	-13.45	-	-	313	107	V
	* 15.81319	47.72	ADR	40.4	1.09	-41.17	48.04	54	-5.96	-	-	-	-	313	107	V
3	10.539725	57.72	PK-U	37.7	0	-44.98	50.44	-	-	-	-	68.2	-17.76	292	128	H
4	10.540111	58.31	PK-U	37.7	0	-44.97	51.04	-	-	-	-	68.2	-17.16	330	101	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 (GHz)	Meter Reading (dBuV)	Det	200897 ACF 3m (dB/m)	DCCF (dB)	Gain/Loss (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
3	* 10.61958	57.5	PK-U	37.7	0	-45.01	50.19	-	-	74	-23.81	-	-	314	143	H
	* 10.61999	46.1	ADR	37.7	1.09	-45.01	39.88	54	-14.12	-	-	-	-	314	143	H
5	* 15.93282	58.33	PK-U	40.4	0	-41.75	56.98	-	-	74	-17.02	-	-	259	115	H
	* 15.93299	45.07	ADR	40.4	1.09	-41.75	44.81	54	-9.19	-	-	-	-	259	115	H
4	* 10.61960	59.47	PK-U	37.7	0	-45.01	52.16	-	-	74	-21.84	-	-	278	101	V
	* 10.62006	48.01	ADR	37.7	1.09	-45.01	41.79	54	-12.21	-	-	-	-	278	101	V
6	* 15.92257	56.25	PK-U	40.4	0	-41.78	54.87	-	-	74	-19.13	-	-	316	149	V
	* 15.92385	43.75	ADR	40.4	1.09	-41.8	43.44	54	-10.56	-	-	-	-	316	149	V
1	3.173484	58.9	PK-U	32.9	0	-47.72	44.08	-	-	-	-	68.2	-24.12	359	155	H
2	3.173655	59.03	PK-U	32.9	0	-47.72	44.21	-	-	-	-	68.2	-23.99	294	371	V

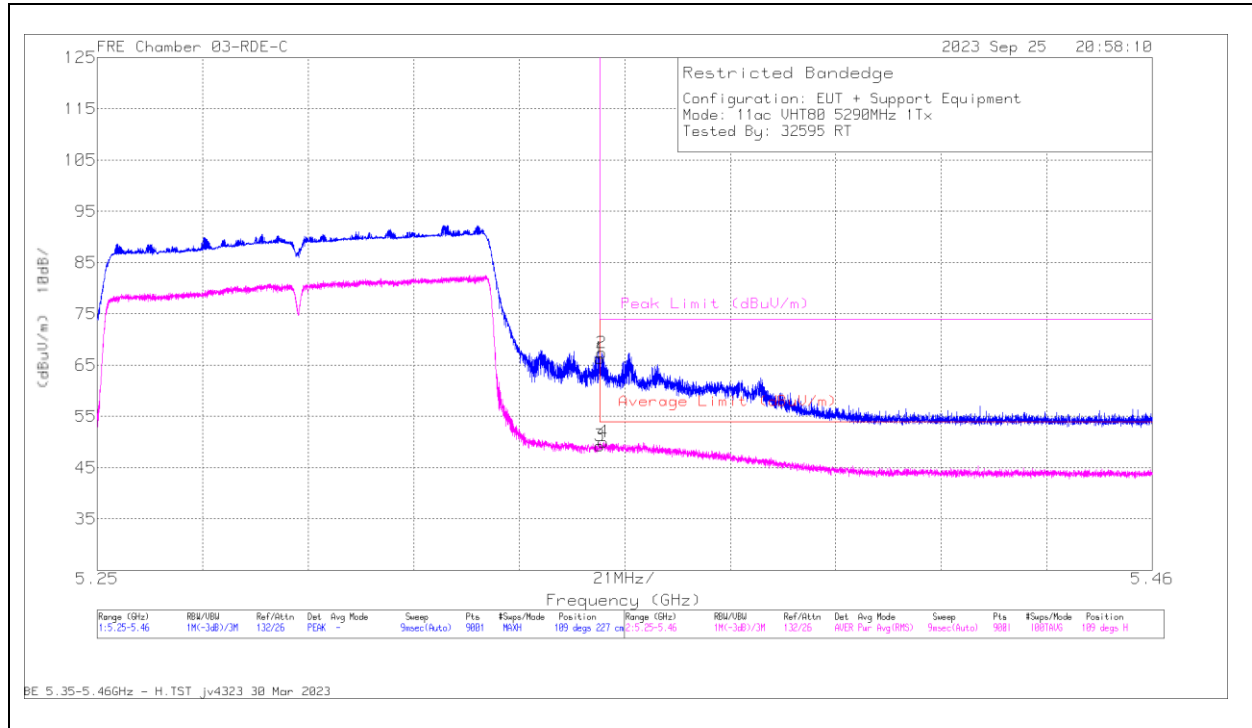
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band
 PK-U - U-NII: Maximum Peak
 ADR - U-NII AD primary method, RMS average

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

1TX Antenna 1 MODE

BANDEDGE (MID CHANNEL)

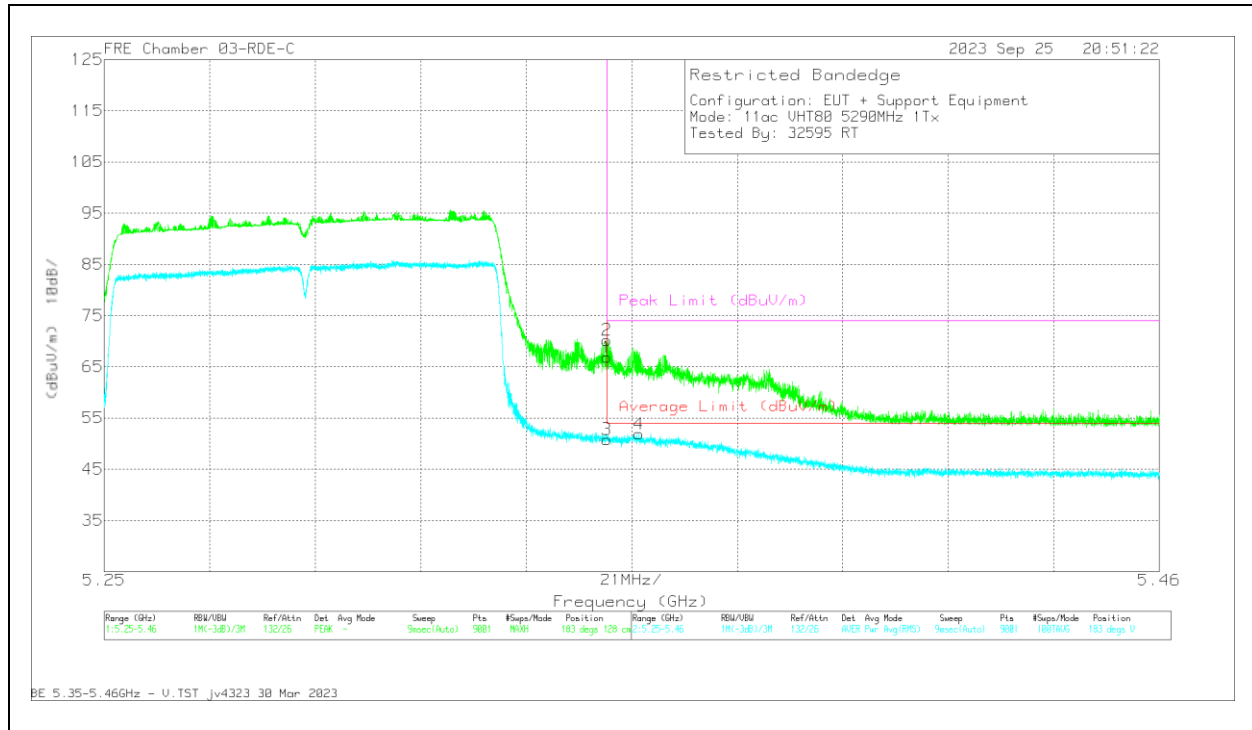
HORIZONTAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	226672 ACF (dB) 3mH	DCCF (dB)	Gain/Loss (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 5.35	69.85	Pk	34.5	0	-38	66.35	-	-	74	-7.65	109	227	H
2	* 5.350379	70.89	Pk	34.5	0	-38	67.39	-	-	74	-6.61	109	227	H
3	* 5.35	52.42	RMS	34.5	.39	-38	49.31	54	-4.69	-	-	109	227	H
4	* 5.350729	53.13	RMS	34.5	.39	-38	50.02	54	-3.98	-	-	109	227	H

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

VERTICAL RESULT

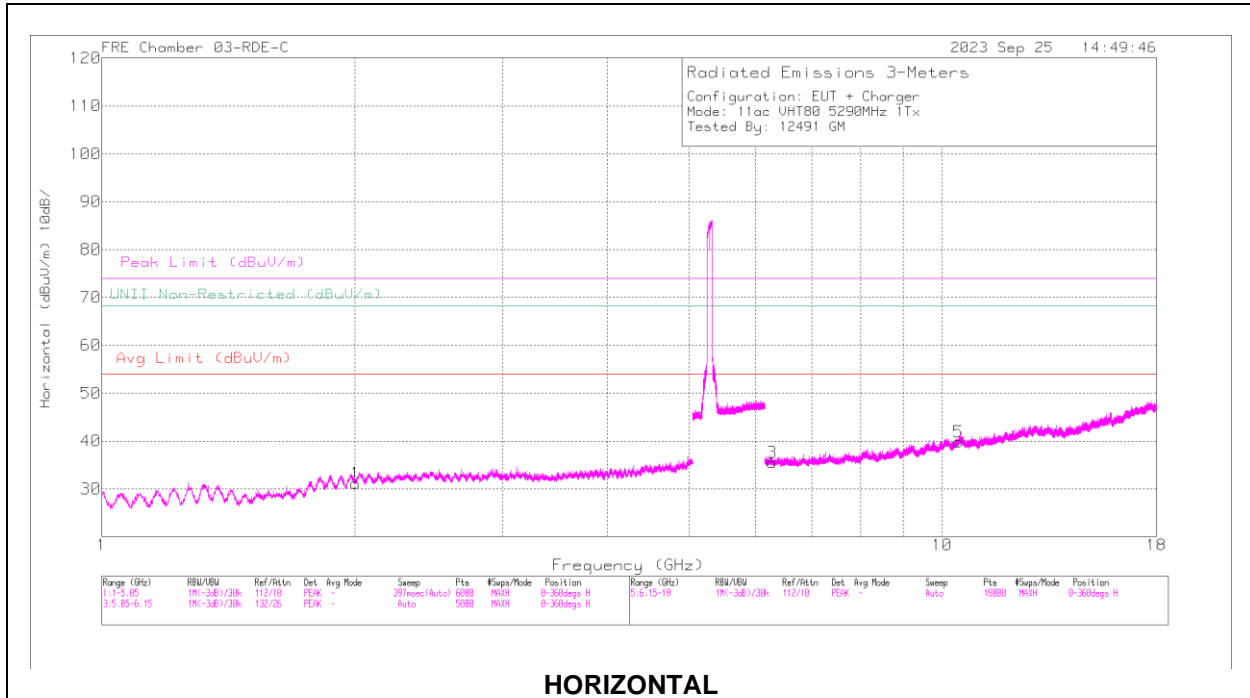


Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	226672 ACF (dB) 3mH	DCCF (dB)	Gain/Loss (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 5.35	70.37	Pk	34.5	0	-38	66.87	-	-	74	-7.13	183	128	V
2	* 5.350052	73.7	Pk	34.5	0	-38	70.2	-	-	74	-3.8	183	128	V
3	* 5.35	53.9	RMS	34.5	.39	-38	50.79	54	-3.21	-	-	183	128	V
4	* 5.356422	54.99	RMS	34.5	.39	-38	51.88	54	-2.12	-	-	183	128	V

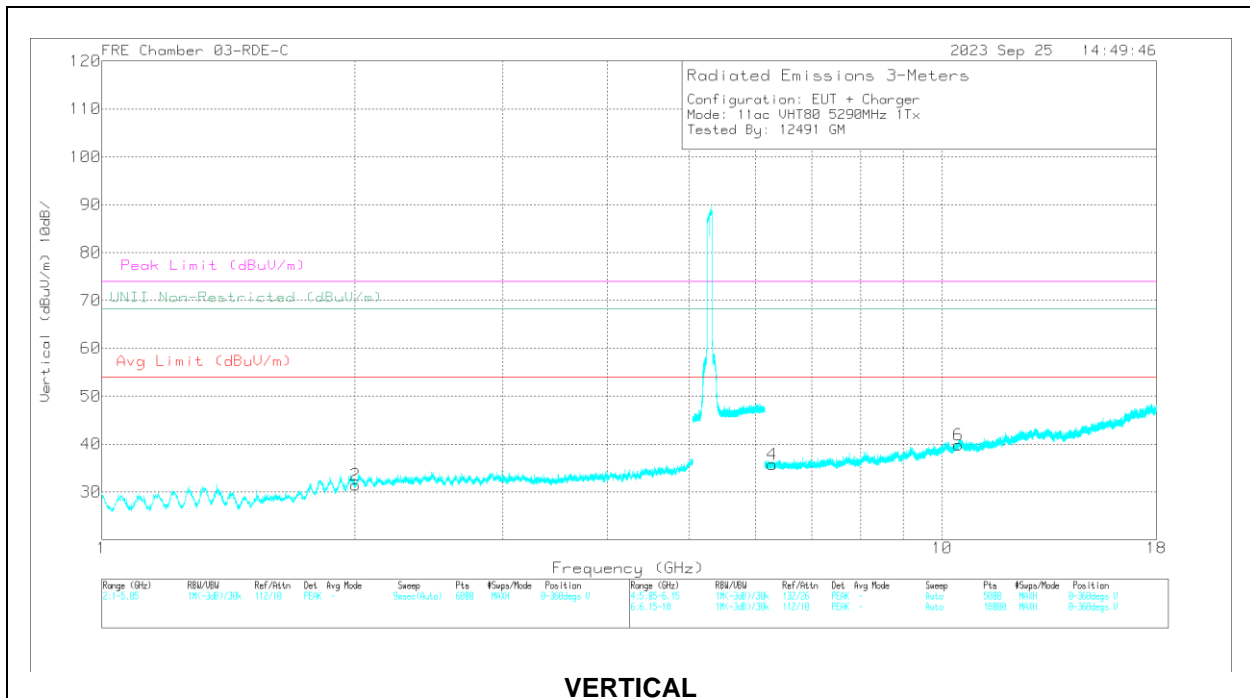
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band
 Pk - Peak detector
 RMS - RMS detection

HARMONICS AND SPURIOUS EMISSIONS

MID CHANNEL RESULTS



HORIZONTAL



VERTICAL

RADIATED EMISSIONS

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	22667 2 ACF (dB) 3mH	DCCF (dB)	Gain/Loss (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	2.001266	58.98	PK-U	31.3	0	-48.23	42.05	-	-	-	-	68.2	-26.15	175	131	V
2	2.005154	58.83	PK-U	31.3	0	-48.2	41.93	-	-	-	-	68.2	-26.27	251	118	H
3	6.280642	56.02	PK-U	35.4	0	-45.3	46.12	-	-	-	-	68.2	-22.08	179	144	V
4	6.282837	55.93	PK-U	35.4	0	-45.3	46.03	-	-	-	-	68.2	-22.17	141	111	H
5	10.462009	57.21	PK-U	37.5	0	-44.4	50.31	-	-	-	-	68.2	-17.89	111	162	V
6	10.464326	56.96	PK-U	37.5	0	-44.43	50.03	-	-	-	-	68.2	-18.17	95	119	H

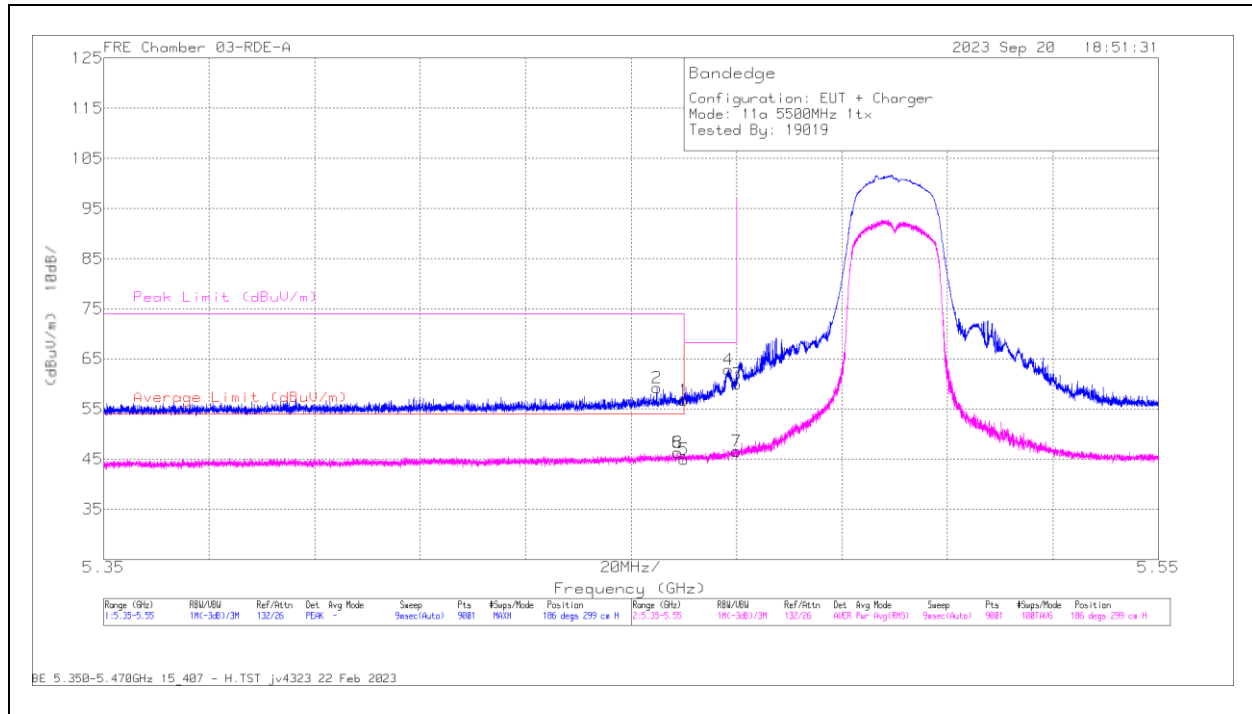
PK-U - U-NII: Maximum Peak

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

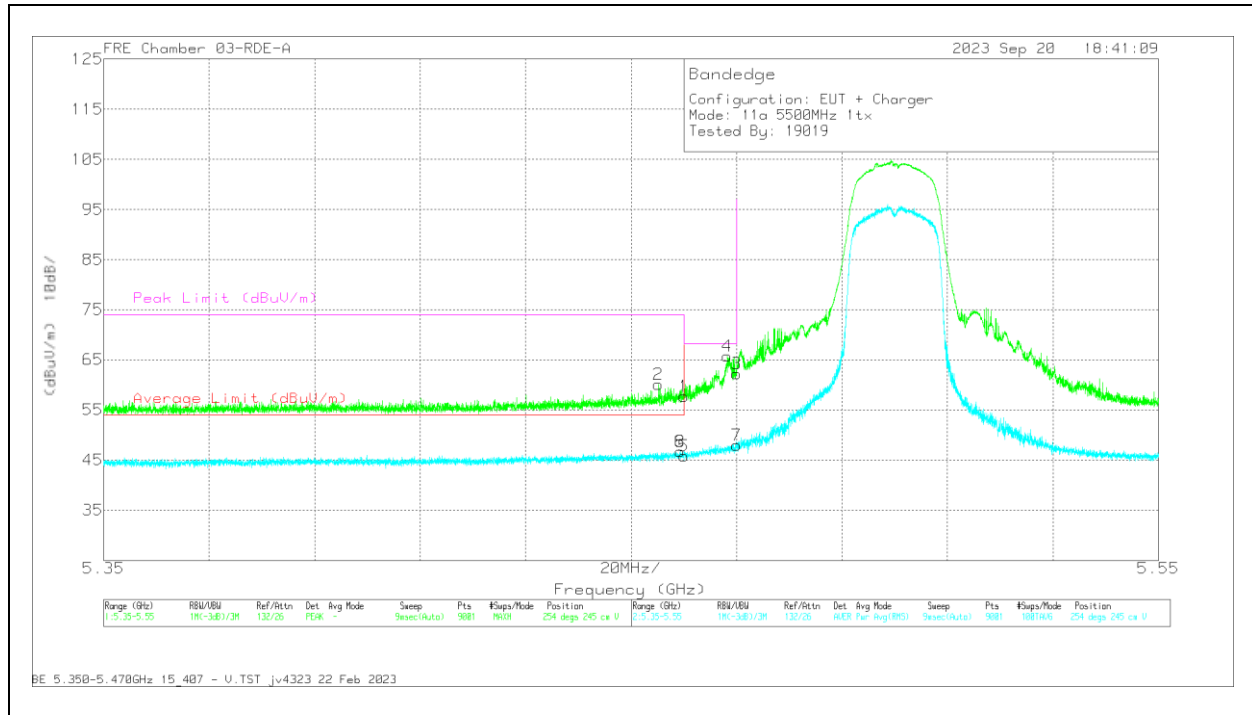


Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	200897 ACF 3m (dB/m)	DCCF (dB)	Gain/Loss (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 5.46	60.03	Pk	34.4	0	-37.68	56.75	-	-	68.2	-11.45	186	299	H
2	* 5.454866	62.52	Pk	34.4	0	-37.72	59.2	-	-	74	-14.8	186	299	H
5	* 5.46	47.78	RMS	34.4	.49	-37.68	44.99	54	-9.01	-	-	186	299	H
6	* 5.458843	49.21	RMS	34.4	.49	-37.71	46.39	54	-7.61	-	-	186	299	H
8	* 5.458843	49.21	RMS	34.4	.49	-37.71	46.39	54	-7.61	-	-	186	299	H
4	5.468421	66.25	Pk	34.4	0	-37.75	62.9	-	-	68.2	-5.3	186	299	H
3	5.47	63.26	Pk	34.4	0	-37.72	59.94	-	-	68.2	-8.26	186	299	H
7	5.47	49.4	RMS	34.4	.49	-37.72	46.57	-	-	-	-	186	299	H

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

Pk - Peak detector
 RMS - RMS detection

VERTICAL RESULT

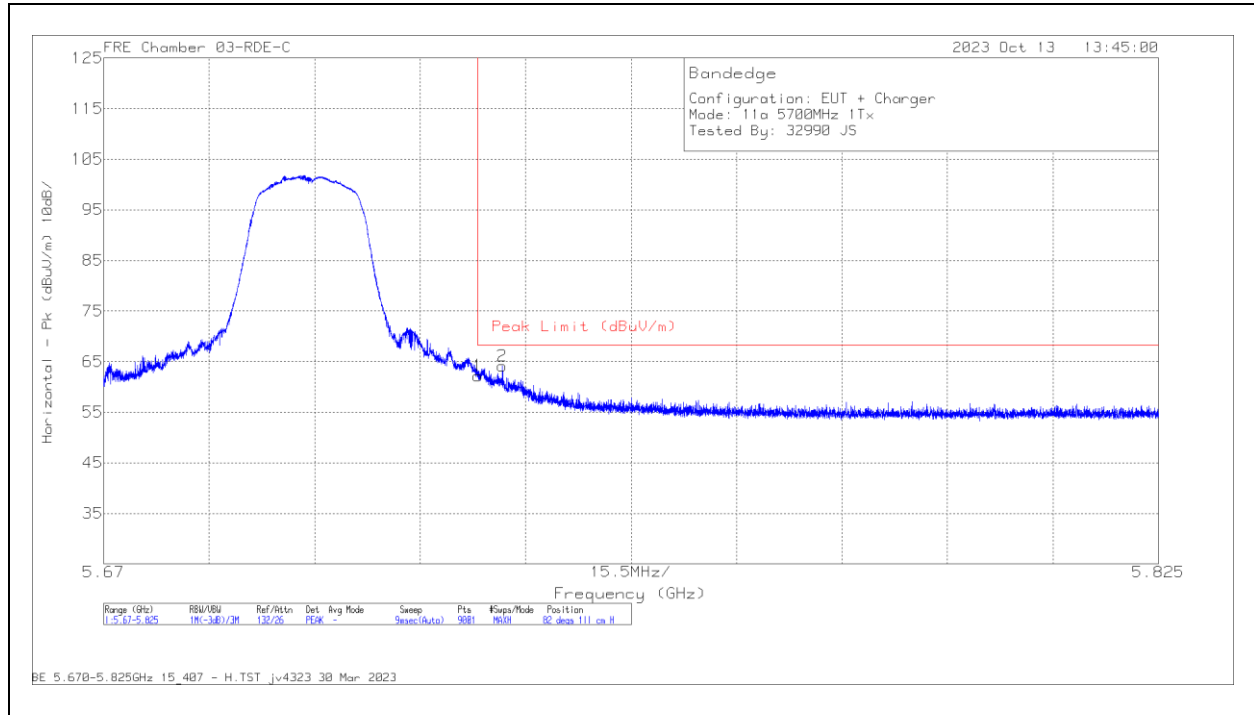


Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	200897 ACF 3m (dB/m)	DCCF (dB)	Gain/Loss (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 5.46	60.99	Pk	34.4	0	-37.68	57.71	-	-	68.2	-10.49	254	245	V
2	* 5.455155	63.37	Pk	34.4	0	-37.72	60.05	-	-	74	-13.95	254	245	V
5	* 5.46	48.59	RMS	34.4	.49	-37.68	45.8	54	-8.2	-	-	254	245	V
6	* 5.459377	49.54	RMS	34.4	.49	-37.7	46.73	54	-7.27	-	-	254	245	V
8	* 5.459377	49.54	RMS	34.4	.49	-37.7	46.73	54	-7.27	-	-	254	245	V
4	5.468288	69.05	Pk	34.4	0	-37.75	65.7	-	-	68.2	-2.5	254	245	V
3	5.47	65.55	Pk	34.4	0	-37.72	62.23	-	-	68.2	-5.97	254	245	V
7	5.47	50.77	RMS	34.4	.49	-37.72	47.94	-	-	-	-	254	245	V

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

BANDEDGE (HIGH CHANNEL)

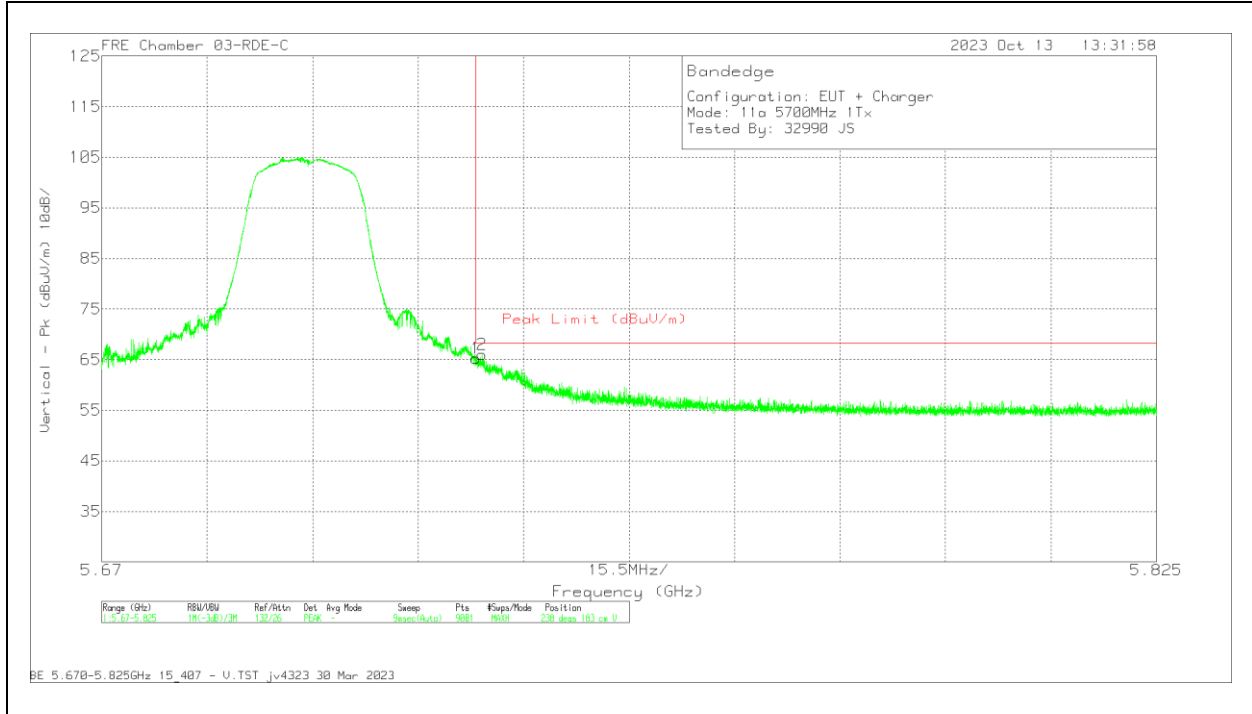
HORIZONTAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	226672 ACF (dB) 3mH	DCCF (dB)	Gain/Loss (dB)	Corrected Reading (dBuV/m)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.725	64.73	Pk	34.6	0	-37.1	62.23	68.2	-5.97	82	111	H
2	5.728572	66.62	Pk	34.6	0	-37.1	64.12	68.2	-4.08	82	111	H

Pk - Peak detector

VERTICAL RESULT

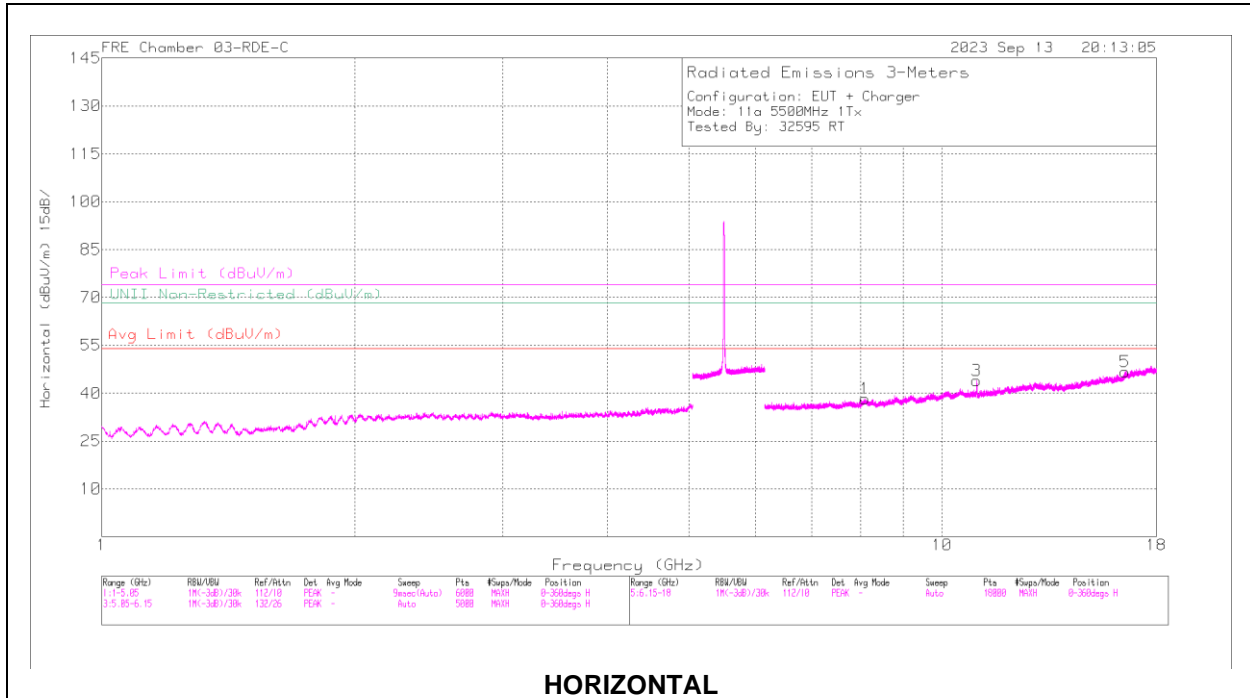


Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	226672 ACF (dB) 3mH	DCCF (dB)	Gain/Loss (dB)	Corrected Reading (dBuV/m)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.725	67.76	Pk	34.6	0	-37.1	65.26	68.2	-2.94	238	183	V
2	5.725903	68.46	Pk	34.6	0	-37.1	65.96	68.2	-2.24	238	183	V

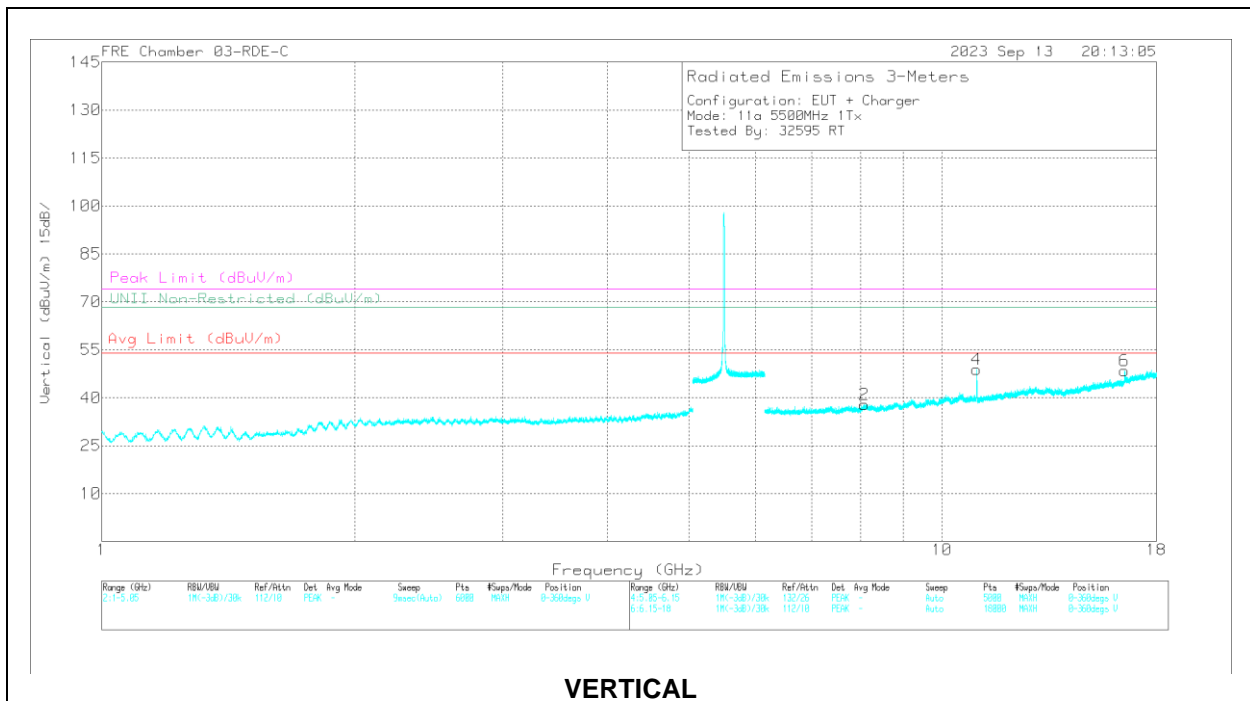
Pk - Peak detector

HARMONICS AND SPURIOUS EMISSIONS

LOW CHANNEL RESULTS



HORIZONTAL



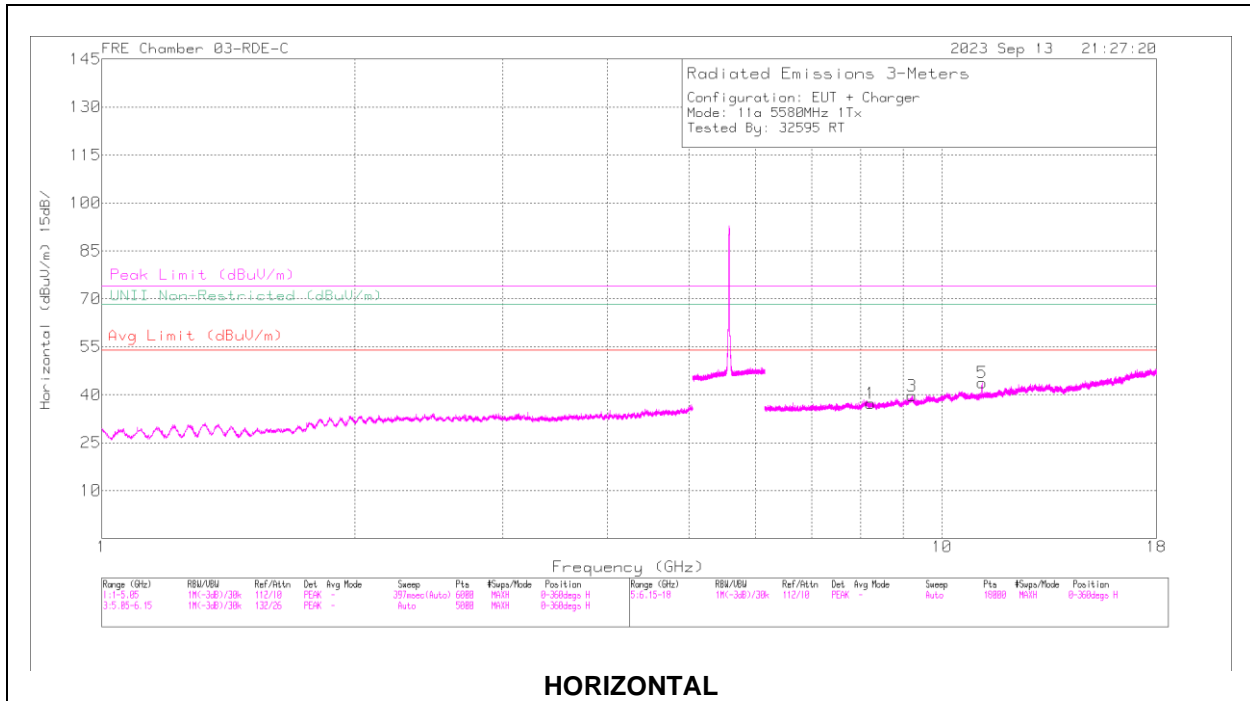
VERTICAL

RADIATED EMISSIONS

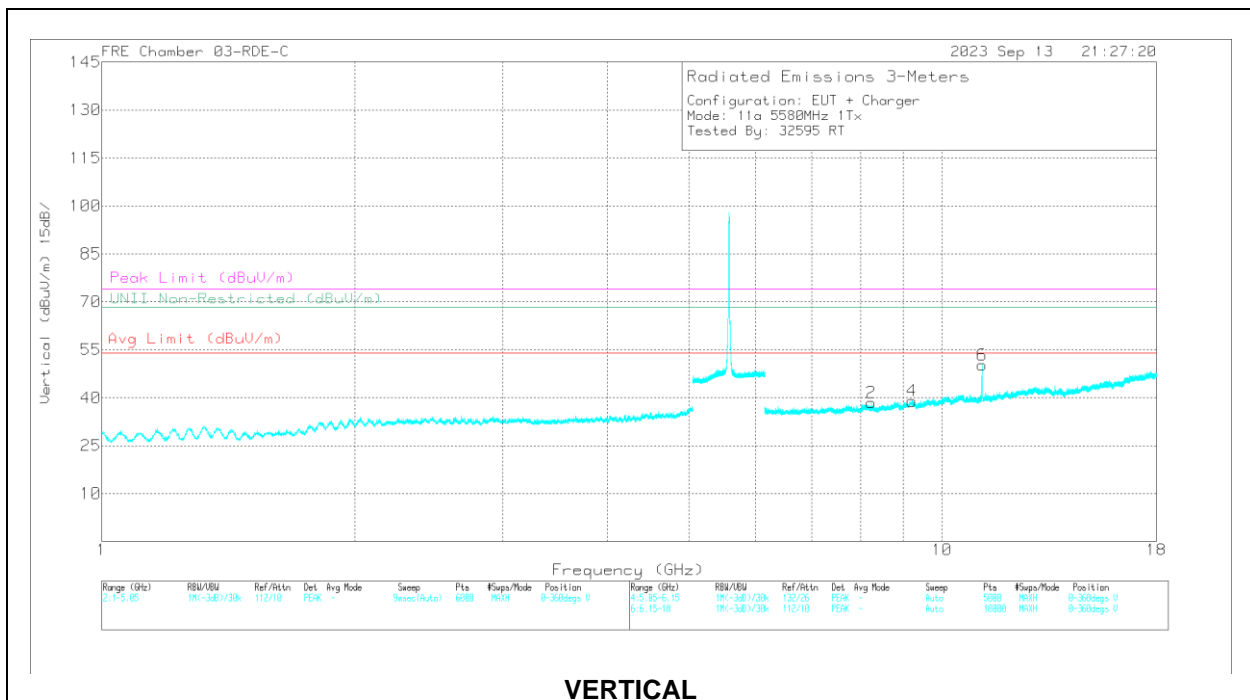
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	226672 ACF (dB) 3mH	DCCF (dB)	Gain/Loss (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 8.096191	56	PK-U	35.9	0	-44.48	47.42	-	-	74	-26.58	-	-	273	231	H
	* 8.096977	44.37	ADR	35.9	.49	-44.4	36.36	54	-17.64	-	-	-	-	273	231	H
3	* 11.00115	59.96	PK-U	37.8	0	-43.98	53.78	-	-	74	-20.22	-	-	66	160	H
	* 10.99998	48.15	ADR	37.8	.49	-43.9	42.54	54	-11.46	-	-	-	-	66	160	H
2	* 8.080768	55.87	PK-U	35.9	0	-44.25	47.52	-	-	74	-26.48	-	-	143	159	V
	* 8.080787	44.52	ADR	35.9	.49	-44.24	36.67	54	-17.33	-	-	-	-	143	159	V
4	* 11.00022	64.55	PK-U	37.8	0	-43.92	58.43	-	-	74	-15.57	-	-	107	109	V
	* 10.99990	53.19	ADR	37.8	.49	-43.89	47.59	54	-6.41	-	-	-	-	107	109	V
6	16.500213	61.77	PK-U	41.1	0	-42.7	60.17	-	-	-	-	68.2	-8.03	94	109	V
5	16.504519	59.71	PK-U	41.1	0	-42.8	58.01	-	-	-	-	68.2	-10.19	99	158	H

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

MID CHANNEL RESULTS



HORIZONTAL



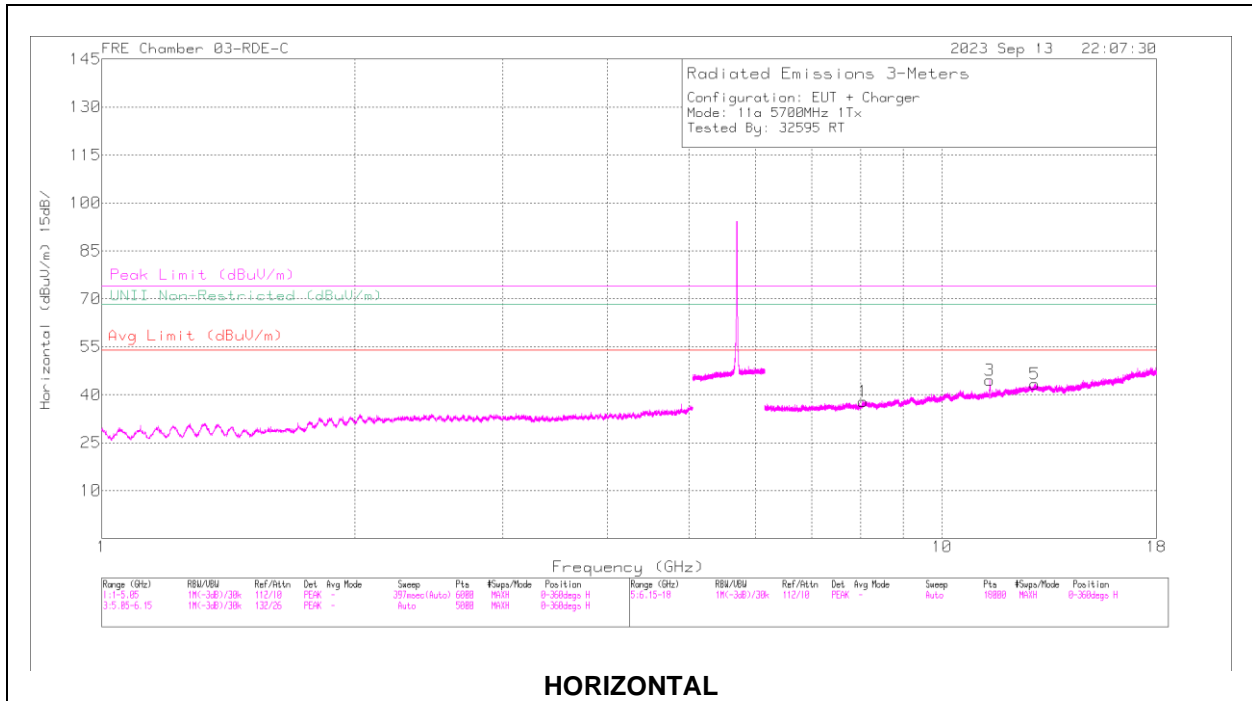
VERTICAL

RADIATED EMISSIONS

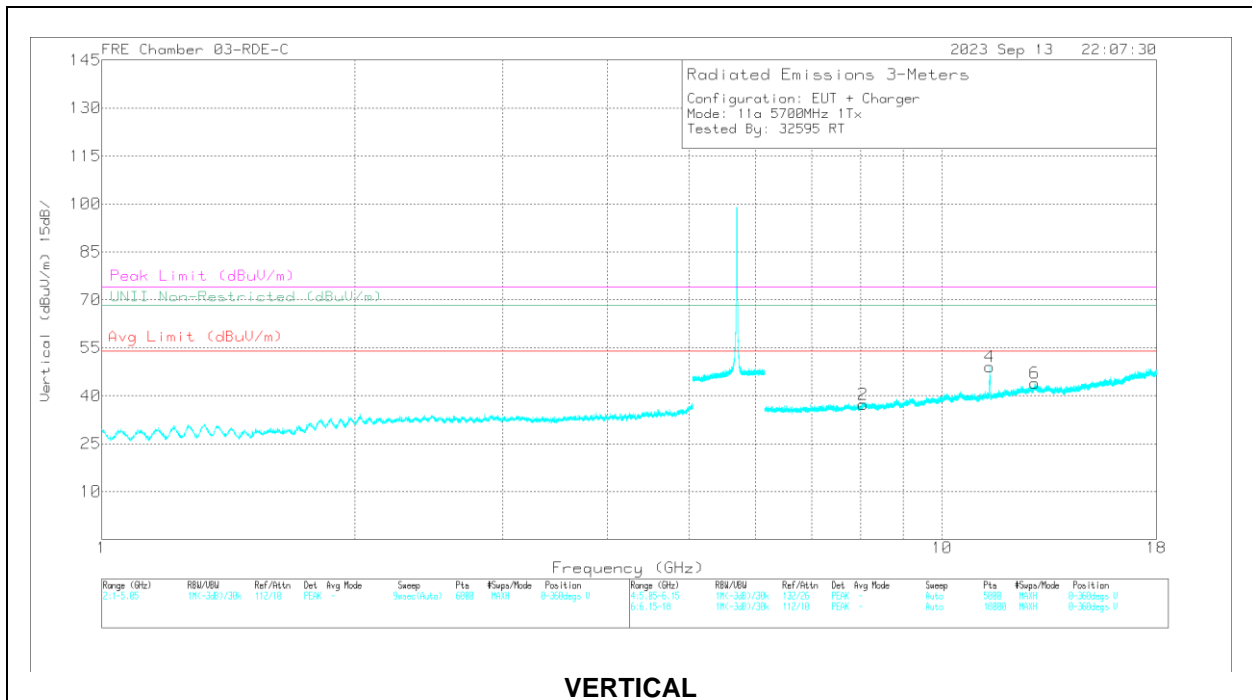
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	226672 ACF (dB) 3mH	DCCF (dB)	Gain/Loss (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 8.229556	55.74	PK-U	35.9	0	-44.5	47.14	-	-	74	-26.86	-	-	172	286	H
	* 8.228334	44.07	ADR	35.9	.49	-44.57	35.89	54	-18.11	-	-	-	-	172	286	H
5	* 11.16134	59.07	PK-U	37.9	0	-43.9	53.07	-	-	74	-20.93	-	-	92	279	H
	* 11.15968	47.33	ADR	37.9	.49	-43.9	41.82	54	-12.18	-	-	-	-	92	279	H
2	* 8.230266	56.03	PK-U	35.9	0	-44.5	47.43	-	-	74	-26.57	-	-	211	314	V
	* 8.230953	44.12	ADR	35.9	.49	-44.5	36.01	54	-17.99	-	-	-	-	211	314	V
6	* 11.16461	64.86	PK-U	37.9	0	-43.94	58.82	-	-	74	-15.18	-	-	103	108	V
	* 11.16094	53.41	ADR	37.9	.49	-43.9	47.90	54	-6.10	-	-	-	-	103	108	V
3	9.204189	57.18	PK-U	36.3	0	-44.78	48.7	-	-	-	-	68.2	-19.5	150	390	H
4	9.206155	57.23	PK-U	36.3	0	-44.7	48.83	-	-	-	-	68.2	-19.37	105	382	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



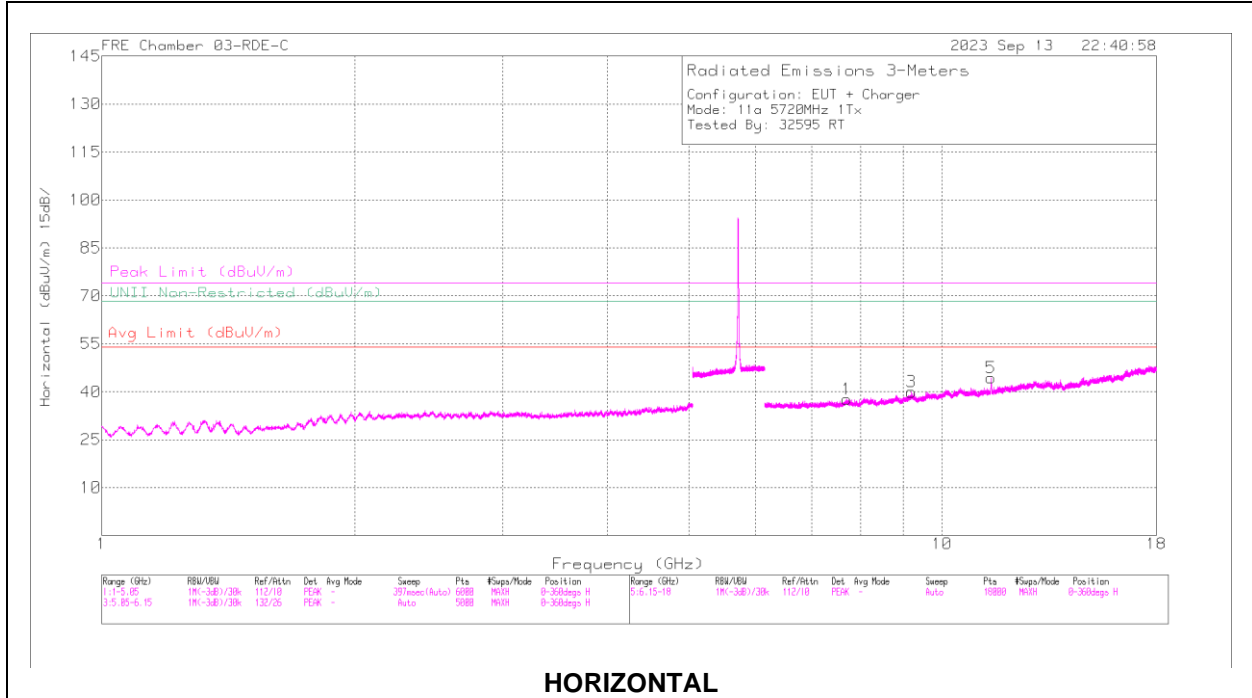
VERTICAL

RADIATED EMISSIONS

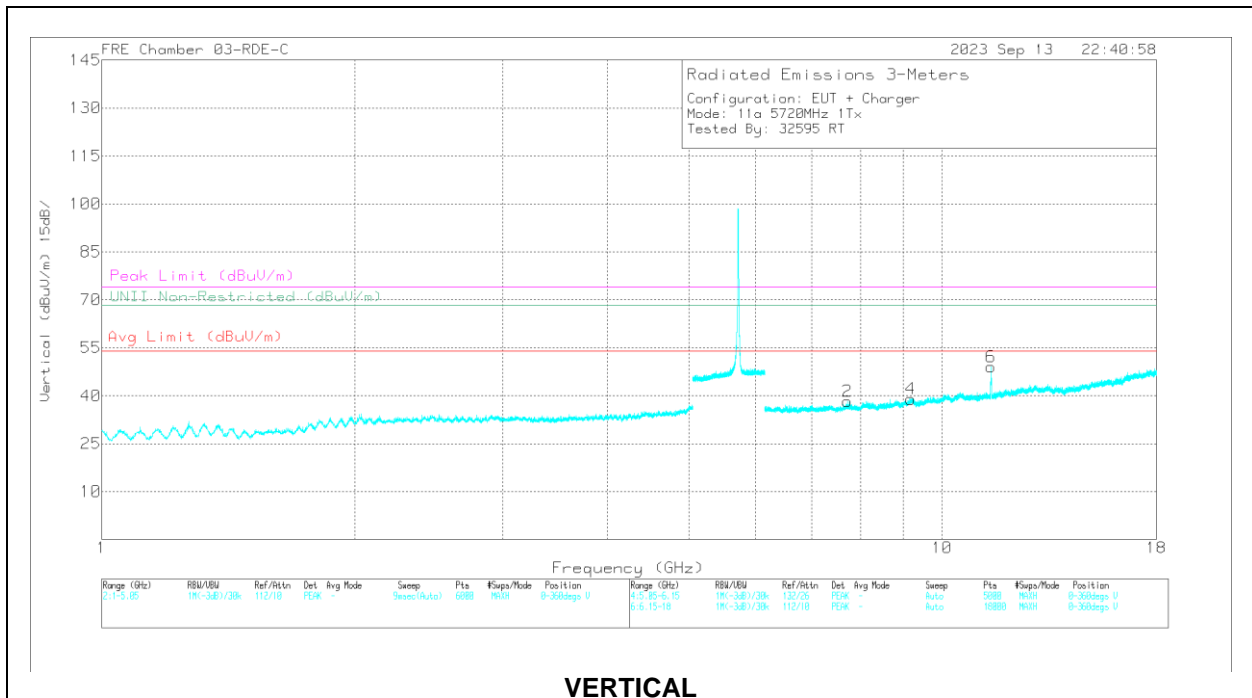
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	226672 ACF (dB) 3mH	DCCF (dB)	Gain/Loss (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 8.064706	55.38	PK-U	35.9	0	-44.07	47.21	-	-	74	-26.79	-	-	296	276	H
	* 8.065803	43.79	ADR	35.9	.49	-44.1	36.08	54	-17.92	-	-	-	-	296	276	H
3	* 11.39689	60.35	PK-U	38	0	-43.7	54.65	-	-	74	-19.35	-	-	92	261	H
	* 11.39891	48.26	ADR	38	.49	-43.8	42.95	54	-11.05	-	-	-	-	92	261	H
2	* 8.061301	55.35	PK-U	35.9	0	-44.1	47.15	-	-	74	-26.85	-	-	150	256	V
	* 8.060369	43.9	ADR	35.9	.49	-44.1	36.19	54	-17.81	-	-	-	-	150	256	V
4	* 11.40101	64.97	PK-U	38	0	-43.8	59.17	-	-	74	-14.83	-	-	101	115	V
	* 11.39975	54.07	ADR	38	.49	-43.8	48.76	54	-5.24	-	-	-	-	101	115	V
5	12.895905	57.64	PK-U	39.2	0	-44.59	52.25	-	-	-	-	68.2	-15.95	220	359	H
6	12.91022	58.17	PK-U	39.2	0	-44.6	52.77	-	-	-	-	68.2	-15.43	344	133	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 (GHz)	Meter Reading (dBuV)	Det	226672 ACF (dB) 3mH	DCCF (dB)	Gain/Loss (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 7.706568	56.25	PK-U	35.9	0	-45	47.15	-	-	74	-26.85	-	-	263	274	H
	* 7.706912	44.68	ADR	35.9	.49	-45	36.07	54	-17.93	-	-	-	-	263	274	H
3	* 9.192472	57.34	PK-U	36.3	0	-45	48.64	-	-	74	-25.36	-	-	17	135	H
	* 9.193641	45.95	ADR	36.3	.49	-44.94	37.80	54	-16.20	-	-	-	-	17	135	H
5	* 11.43882	61.4	PK-U	38	0	-43.88	55.52	-	-	74	-18.48	-	-	82	257	H
	* 11.43914	49.02	ADR	38	.49	-43.89	43.62	54	-10.38	-	-	-	-	82	257	H
2	* 7.714328	56.64	PK-U	35.9	0	-45.03	47.51	-	-	74	-26.49	-	-	13	135	V
	* 7.714834	44.6	ADR	35.9	.49	-45.08	35.91	54	-18.09	-	-	-	-	13	135	V
4	* 9.186801	57.42	PK-U	36.3	0	-45.02	48.7	-	-	74	-25.3	-	-	238	392	V
	* 9.186907	46.03	ADR	36.3	.49	-45.01	37.81	54	-16.19	-	-	-	-	238	392	V
6	* 11.44121	64.87	PK-U	38	0	-43.82	59.05	-	-	74	-14.95	-	-	105	125	V
	* 11.43959	53.31	ADR	38	.49	-43.84	47.96	54	-6.04	-	-	-	-	105	125	V

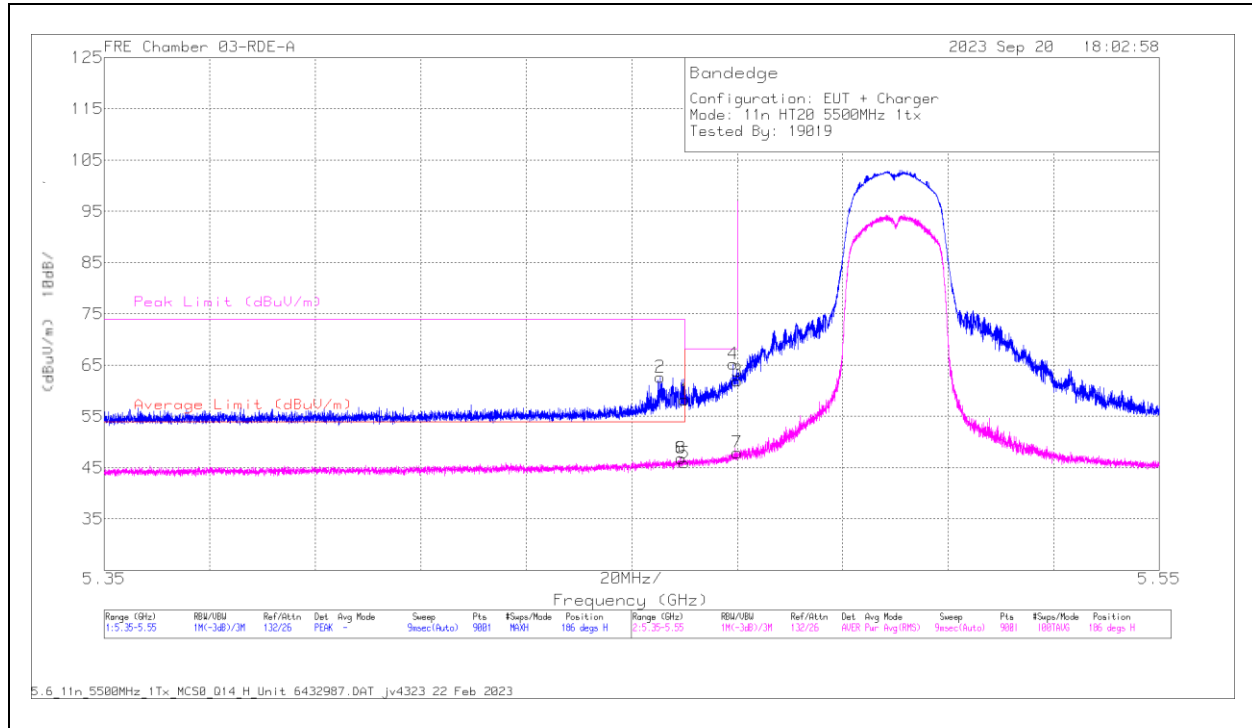
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band
 PK-U - U-NII: Maximum Peak
 ADR - U-NII AD primary method, RMS average

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

1TX Antenna 1 MODE

BANDEDGE (LOW CHANNEL)

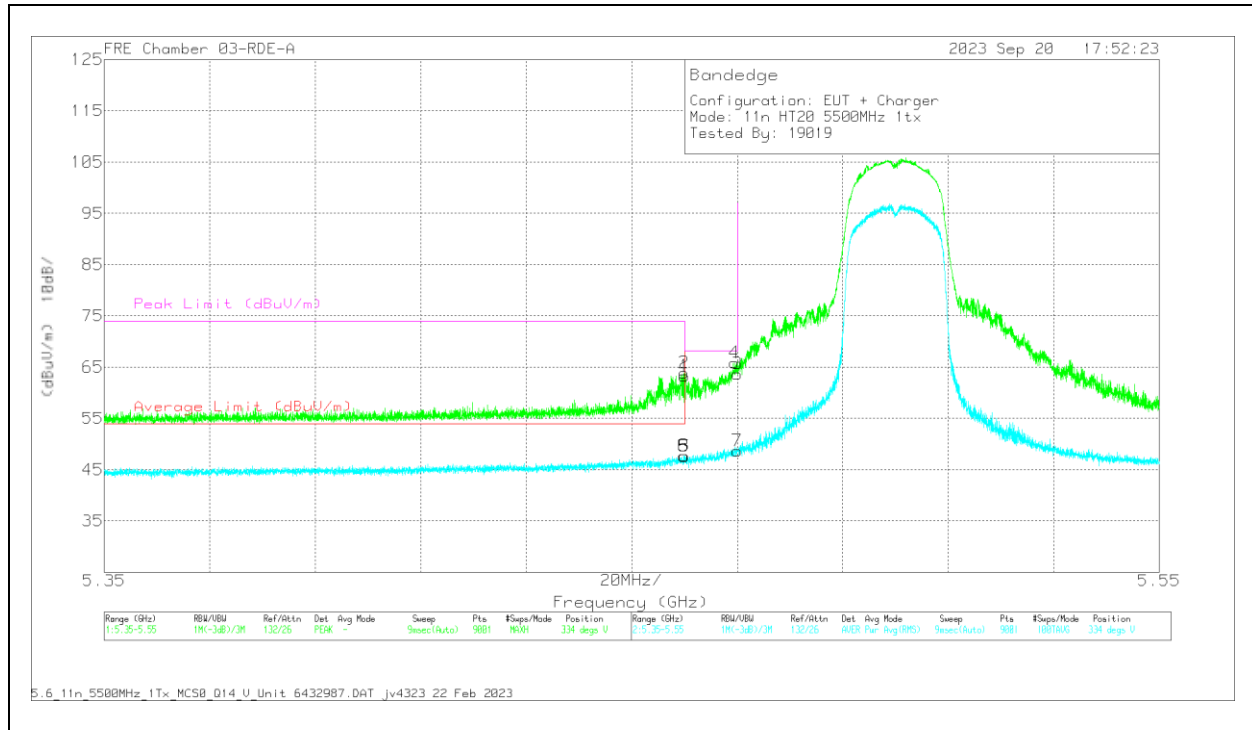
HORIZONTAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	200897 ACF 3m (dB/m)	DCCF (dB)	Gain/Loss (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 5.46	61.51	Pk	34.4	0	-37.68	58.23	-	-	68.2	-9.97	186	223	H
2	* 5.455377	66.01	Pk	34.4	0	-37.72	62.69	-	-	74	-11.31	186	223	H
5	* 5.46	48.68	RMS	34.4	.52	-37.68	45.92	54	-8.08	-	-	186	223	H
6	* 5.45931	49.65	RMS	34.4	.52	-37.7	46.87	54	-7.13	-	-	186	223	H
8	* 5.45931	49.65	RMS	34.4	.52	-37.7	46.87	54	-7.13	-	-	186	223	H
4	5.469243	68.59	Pk	34.4	0	-37.74	65.25	-	-	68.2	-2.95	186	223	H
3	5.47	65.26	Pk	34.4	0	-37.72	61.94	-	-	68.2	-6.26	186	223	H
7	5.47	50.77	RMS	34.4	.52	-37.72	47.97	-	-	-	-	186	223	H

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

VERTICAL RESULT

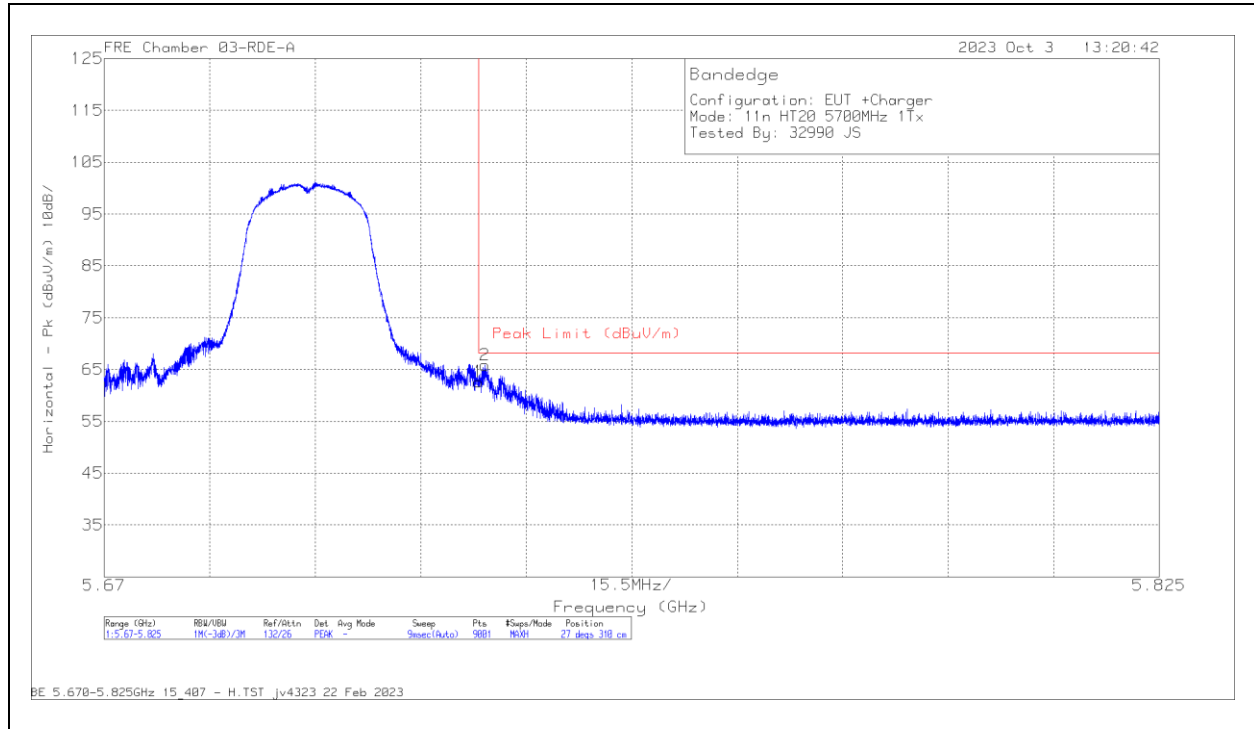


Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	200897 ACF 3m (dB/m)	DCCF (dB)	Gain/Loss (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 5.46	66.55	Pk	34.4	0	-37.68	63.27	-	-	68.2	-4.93	334	106	V
2	* 5.459932	67.17	Pk	34.4	0	-37.68	63.89	-	-	74	-10.11	334	106	V
5	* 5.46	50.4	RMS	34.4	.52	-37.68	47.64	54	-6.36	-	-	334	106	V
6	* 5.459866	50.45	RMS	34.4	.52	-37.68	47.69	54	-6.31	-	-	334	106	V
8	* 5.459866	50.45	RMS	34.4	.52	-37.68	47.69	54	-6.31	-	-	334	106	V
4	5.469465	69.17	Pk	34.4	0	-37.73	65.84	-	-	68.2	-2.36	334	106	V
3	5.47	67	Pk	34.4	0	-37.72	63.68	-	-	68.2	-4.52	334	106	V
7	5.47	51.48	RMS	34.4	.52	-37.72	48.68	-	-	-	-	334	106	V

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

BANDEDGE (HIGH CHANNEL)

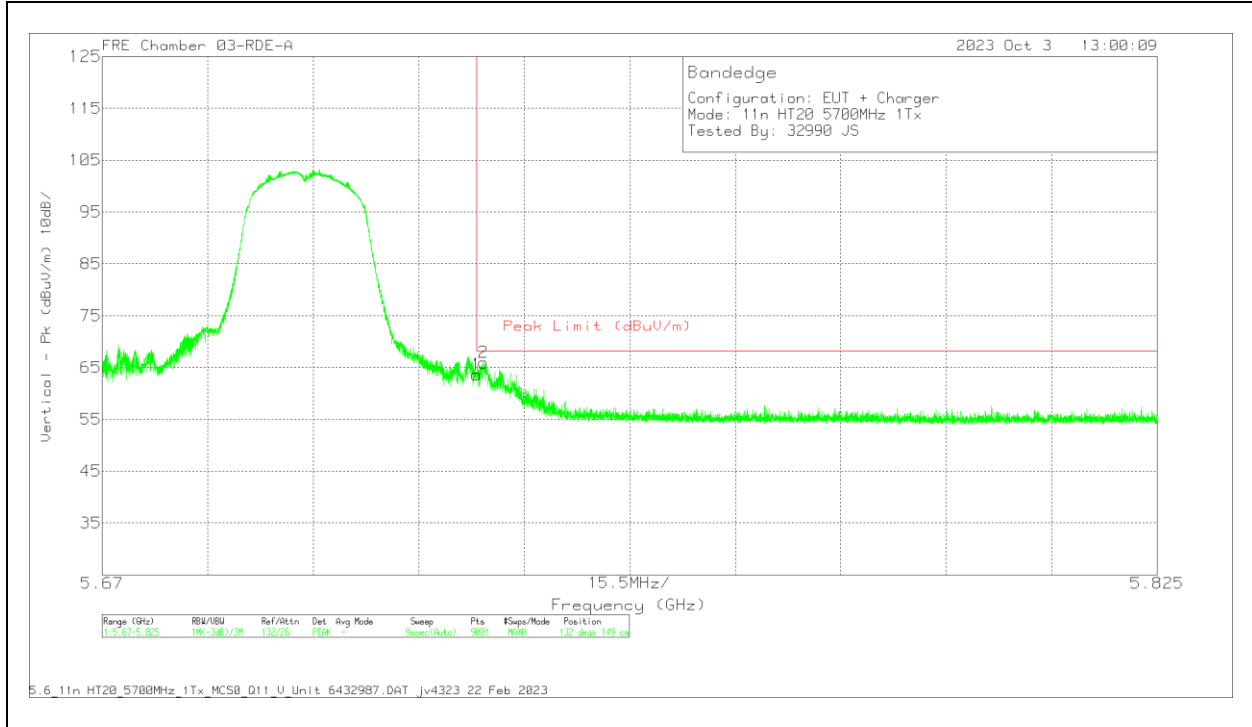
HORIZONTAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	200897 ACF 3m (dB/m)	DCCF (dB)	Gain/Loss (dB)	Corrected Reading (dBuV/m)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.725	65.24	Pk	34.5	0	-37.13	62.61	68.2	-5.59	27	310	H
2	5.725937	68.47	Pk	34.5	0	-37.14	65.83	68.2	-2.37	27	310	H

Pk - Peak detector

VERTICAL RESULT

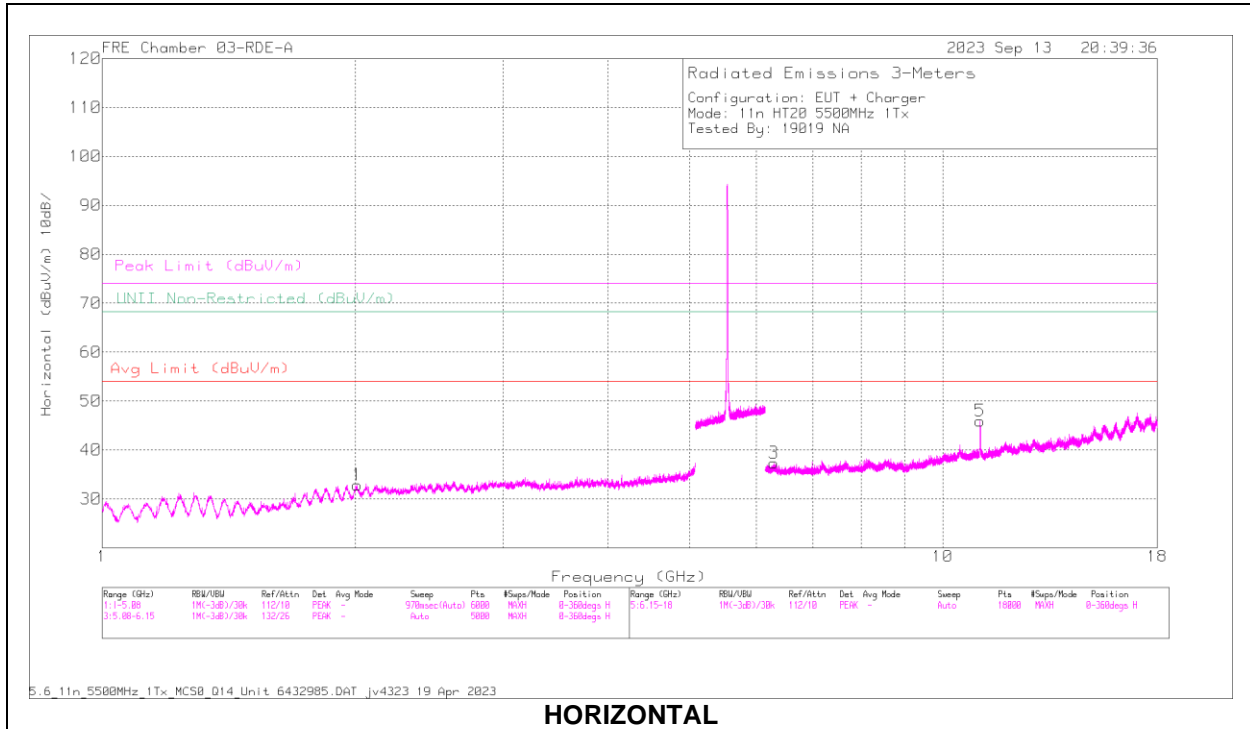


Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	200897 ACF 3m (dB/m)	DCCF (dB)	Gain/Loss (dB)	Corrected Reading (dBuV/m)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.725	66.28	Pk	34.5	0	-37.13	63.65	68.2	-4.55	132	149	V
2	5.726058	68.6	Pk	34.5	0	-37.14	65.96	68.2	-2.24	132	149	V

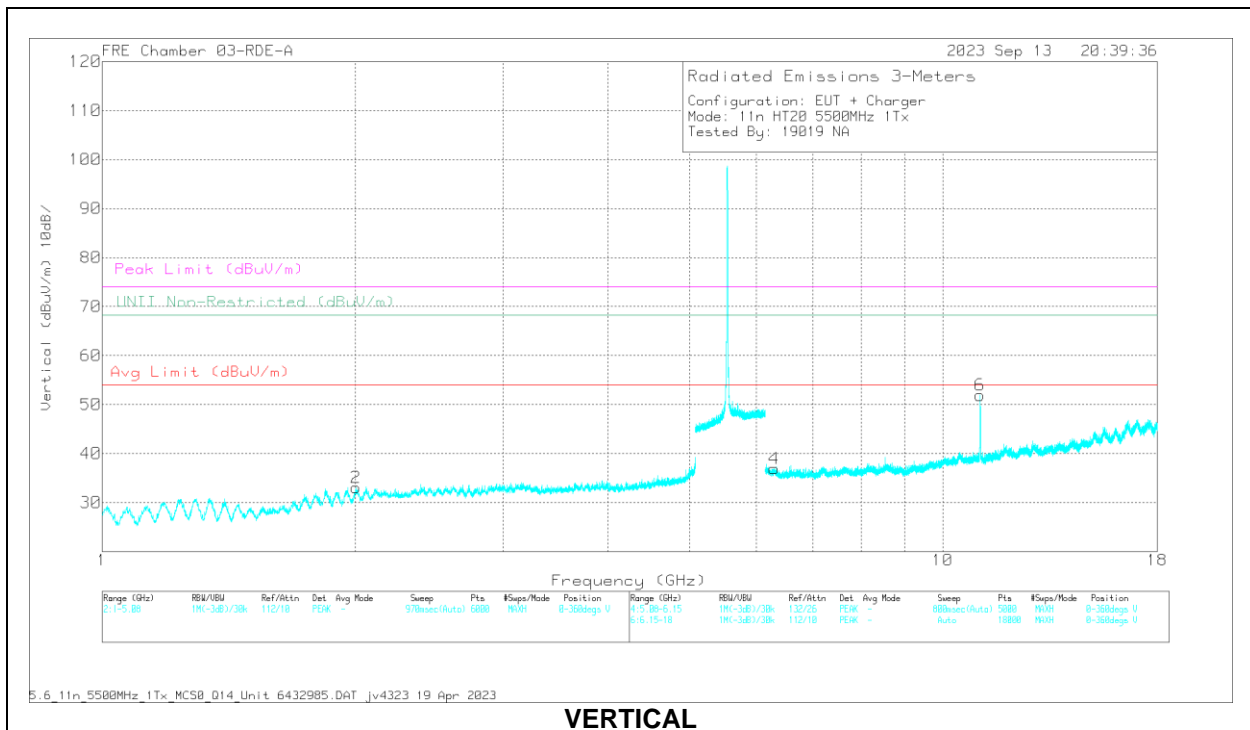
Pk - Peak detector

HARMONICS AND SPURIOUS EMISSIONS

LOW CHANNEL RESULTS



HORIZONTAL



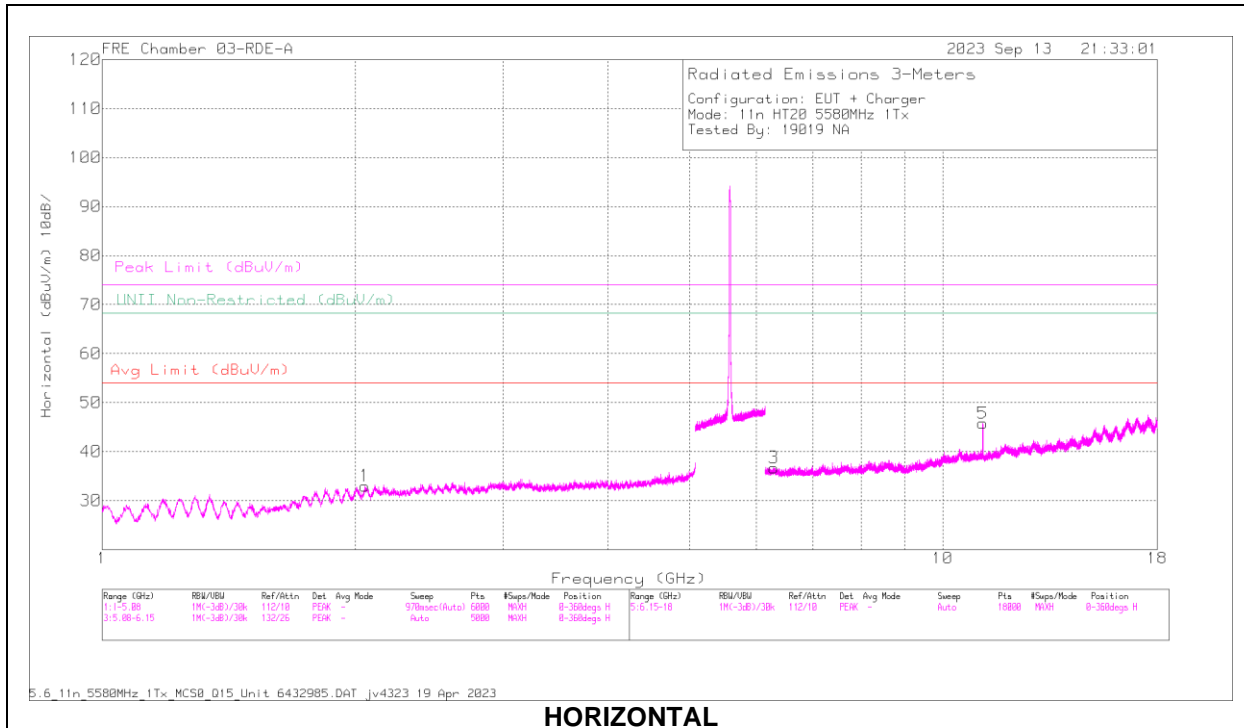
VERTICAL

RADIATED EMISSIONS

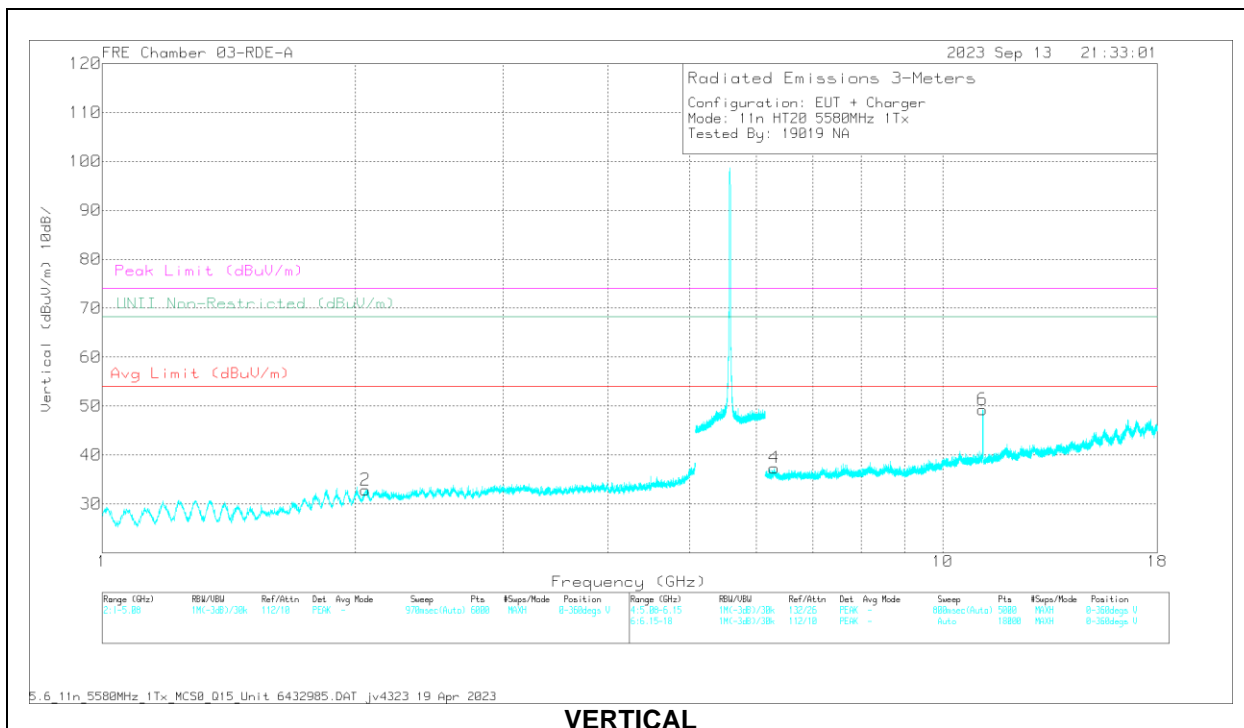
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	200897 ACF 3m (dB/m)	DCCF (dB)	Gain/Loss (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
5	* 11.08082	62.76	PK-U	37.7	0	-44.21	56.25	-	-	74	-17.75	-	-	152	101	H
	* 11.08004	51.12	ADR	37.7	.52	-44.23	45.11	54	-8.89	-	-	-	-	152	101	H
6	* 11.08112	67.6	PK-U	37.7	0	-44.2	61.1	-	-	74	-12.9	-	-	151	161	V
	* 11.07998	56.35	ADR	37.7	.52	-44.23	50.34	54	-3.66	-	-	-	-	151	161	V
2	2.003243	61.43	PK-U	31.2	0	-50.07	42.56	-	-	-	-	68.2	-25.64	134	140	V
1	2.008533	61.93	PK-U	31.3	0	-50.16	43.07	-	-	-	-	68.2	-25.13	311	193	H
3	6.297478	56.59	PK-U	35.5	0	-44.9	47.19	-	-	-	-	68.2	-21.01	228	180	H
4	6.30007	56.38	PK-U	35.5	0	-44.87	47.01	-	-	-	-	68.2	-21.19	199	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

MID CHANNEL RESULTS



HORIZONTAL



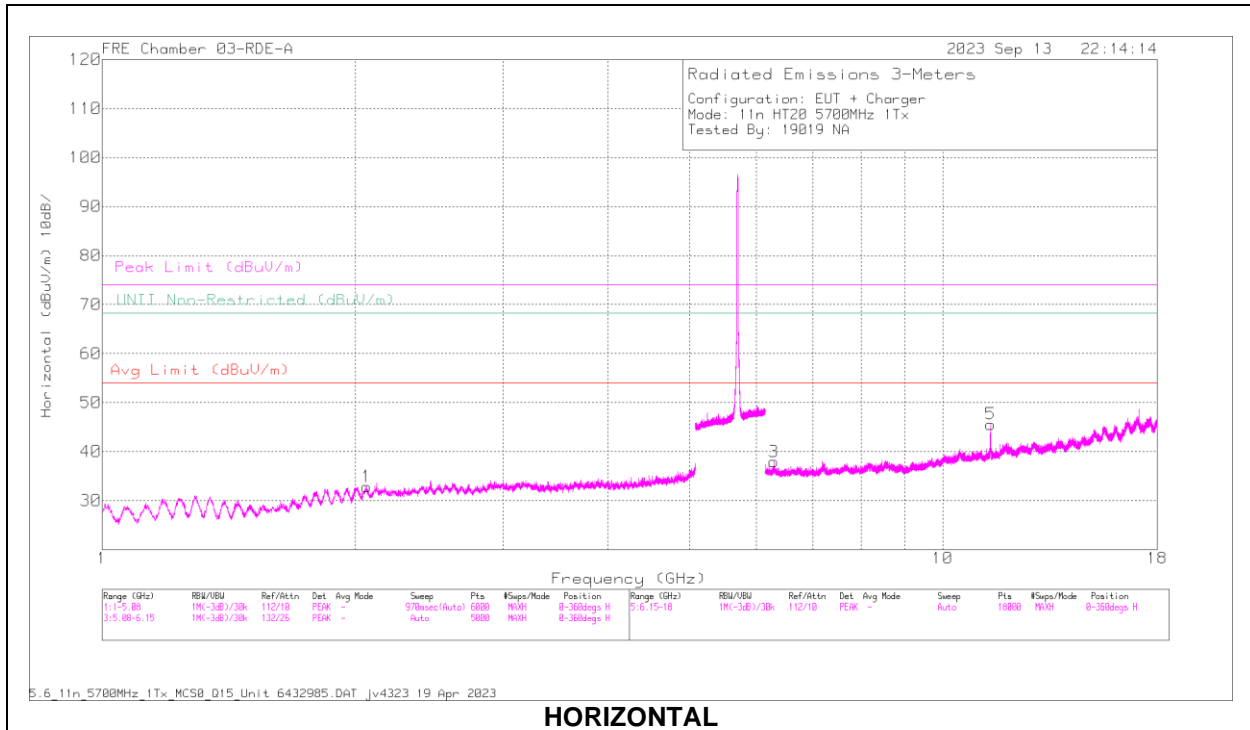
VERTICAL

RADIATED EMISSIONS

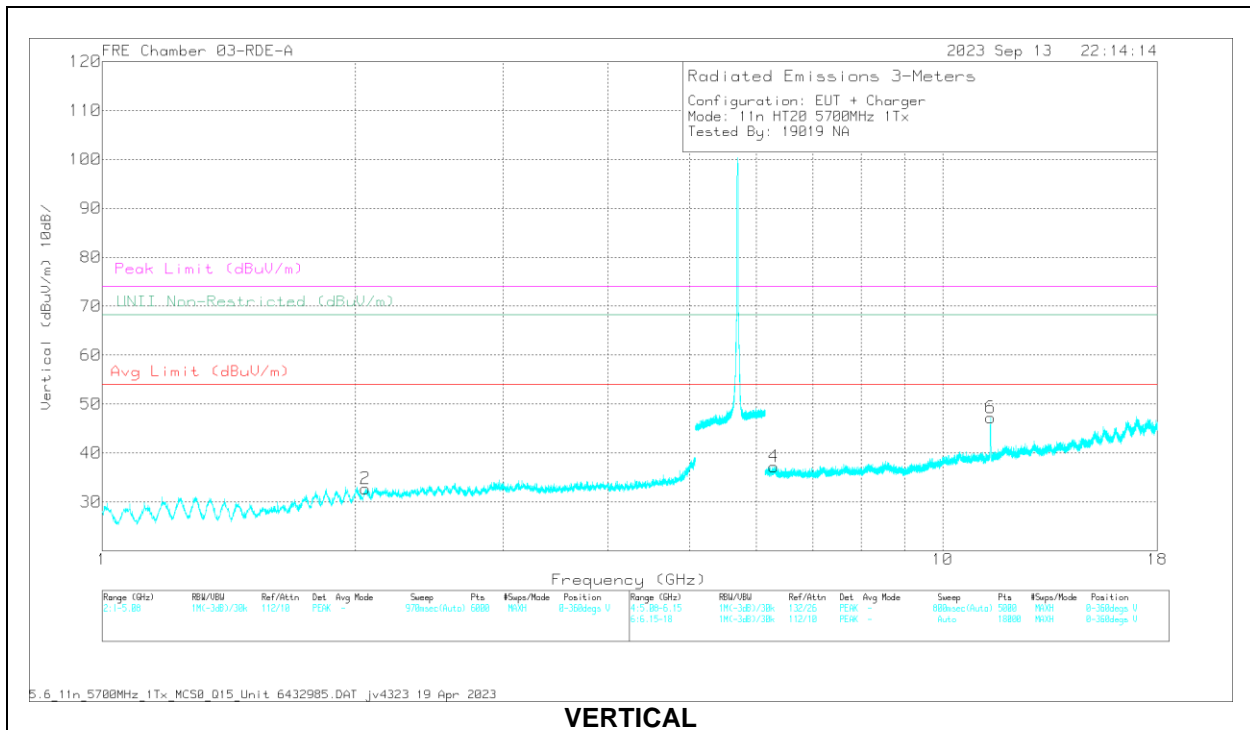
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	200897 ACF 3m (dB/m)	DCCF (dB)	Gain/Loss (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
5	* 11.16088	62.34	PK-U	37.7	0	-44.2	55.84	-	-	74	-18.16	-	-	25	114	H
	* 11.15978	50.53	ADR	37.7	.52	-44.2	44.55	54	-9.45	-	-	-	-	25	114	H
6	* 11.15784	66.05	PK-U	37.7	0	-44.21	59.54	-	-	74	-14.46	-	-	146	104	V
	* 11.15982	53.71	ADR	37.7	.52	-44.2	47.73	54	-6.27	-	-	-	-	146	104	V
1	2.055665	61.8	PK-U	31.4	0	-50	43.2	-	-	-	-	68.2	-25	205	109	H
2	2.057977	61.88	PK-U	31.4	0	-50.12	43.16	-	-	-	-	68.2	-25.04	131	120	V
3	6.296313	56.64	PK-U	35.5	0	-44.91	47.23	-	-	-	-	68.2	-20.97	43	141	H
4	6.304598	56.95	PK-U	35.5	0	-44.85	47.6	-	-	-	-	68.2	-20.6	64	172	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



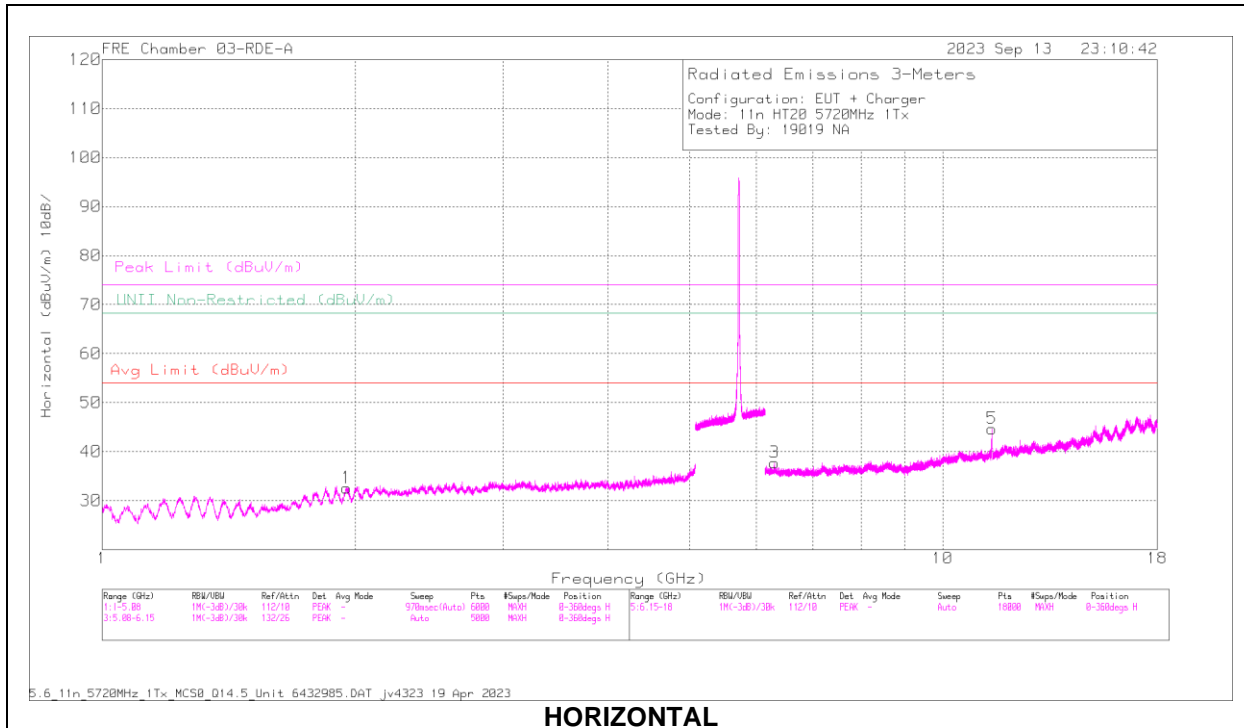
VERTICAL

RADIATED EMISSIONS

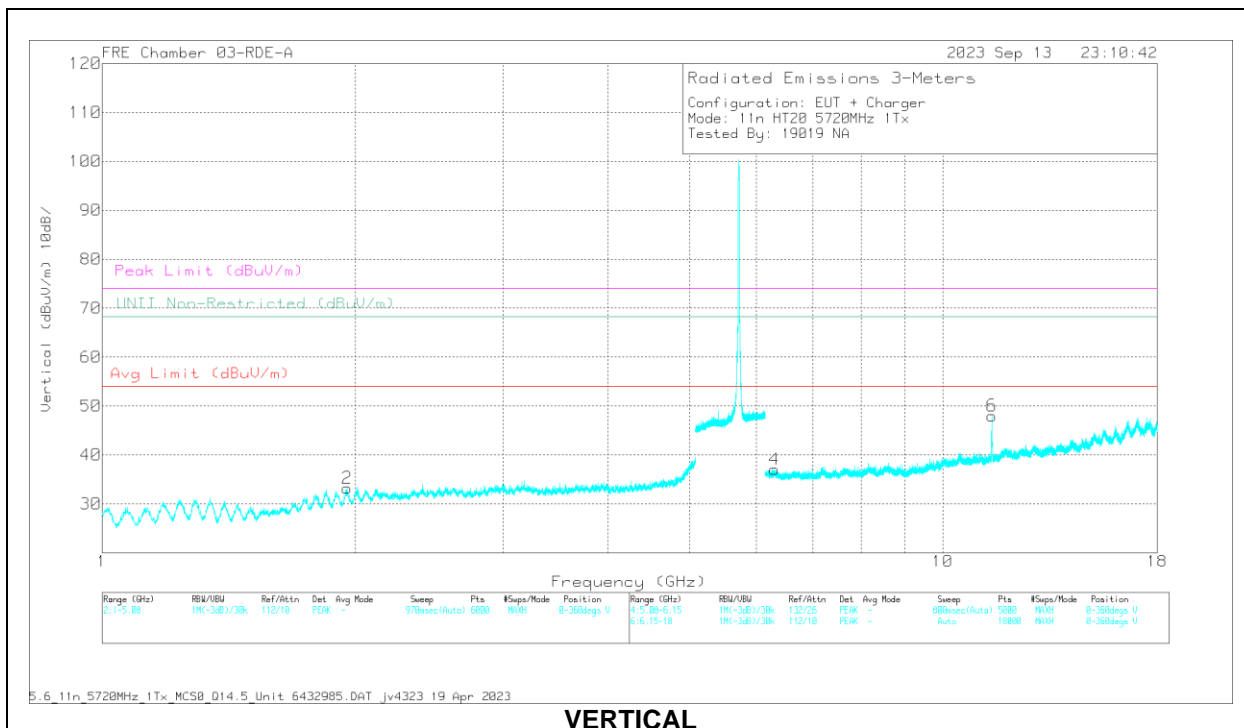
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	200897 ACF 3m (dB/m)	DCCF (dB)	Gain/Loss (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
5	* 11.40205	61.94	PK-U	37.7	0	-43.77	55.87	-	-	74	-18.13	-	-	26	136	H
	* 11.39986	49.73	ADR	37.7	.52	-43.75	44.20	54	-9.80	-	-	-	-	26	136	H
6	* 11.39752	63.34	PK-U	37.7	0	-43.76	57.28	-	-	74	-16.72	-	-	148	203	V
	* 11.39970	51.29	ADR	37.7	.52	-43.75	45.76	54	-8.24	-	-	-	-	148	203	V
2	2.054708	61.3	PK-U	31.4	0	-50.04	42.66	-	-	-	-	68.2	-25.54	189	255	V
1	2.063158	61.61	PK-U	31.4	0	-50.08	42.93	-	-	-	-	68.2	-25.27	105	206	H
4	6.293687	57.13	PK-U	35.5	0	-44.98	47.65	-	-	-	-	68.2	-20.55	61	175	V
3	6.298038	56.35	PK-U	35.5	0	-44.89	46.96	-	-	-	-	68.2	-21.24	132	134	H

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

CHANNEL 144 RESULTS



HORIZONTAL



VERTICAL

RADIATED EMISSIONS

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	200897 ACF 3m (dB/m)	DCCF (dB)	Gain/Loss (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
5	* 11.43787	62.65	PK-U	37.7	0	-44	56.35	-	-	74	-17.65	-	-	26	135	H
	* 11.43991	50.15	ADR	37.7	.52	-44.01	44.36	54	-9.64	-	-	-	-	26	135	H
6	* 11.43764	64.11	PK-U	37.7	0	-44	57.81	-	-	74	-16.19	-	-	145	226	V
	* 11.43862	52.31	ADR	37.7	.52	-44	46.53	54	-7.47	-	-	-	-	145	226	V
1	1.952262	61.7	PK-U	31.1	0	-50.26	42.54	-	-	-	-	68.2	-25.66	215	201	H
2	1.957439	61.32	PK-U	31.1	0	-49.99	42.43	-	-	-	-	68.2	-25.77	64	147	V
3	6.304825	56.21	PK-U	35.5	0	-44.85	46.86	-	-	-	-	68.2	-21.34	104	114	H
4	6.305841	56.67	PK-U	35.5	0	-44.87	47.3	-	-	-	-	68.2	-20.9	72	216	V

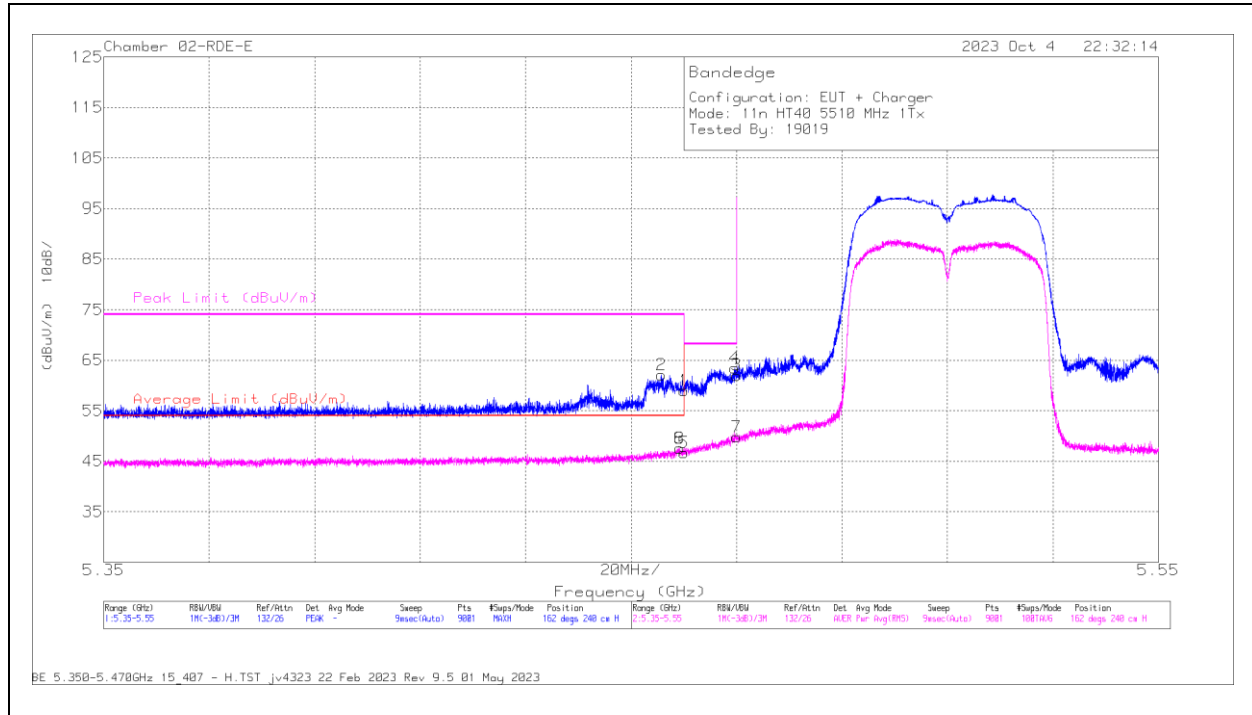
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band
 PK-U - U-NII: Maximum Peak
 ADR - U-NII AD primary method, RMS average

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

1TX Antenna 1 MODE

BANDEDGE (LOW CHANNEL)

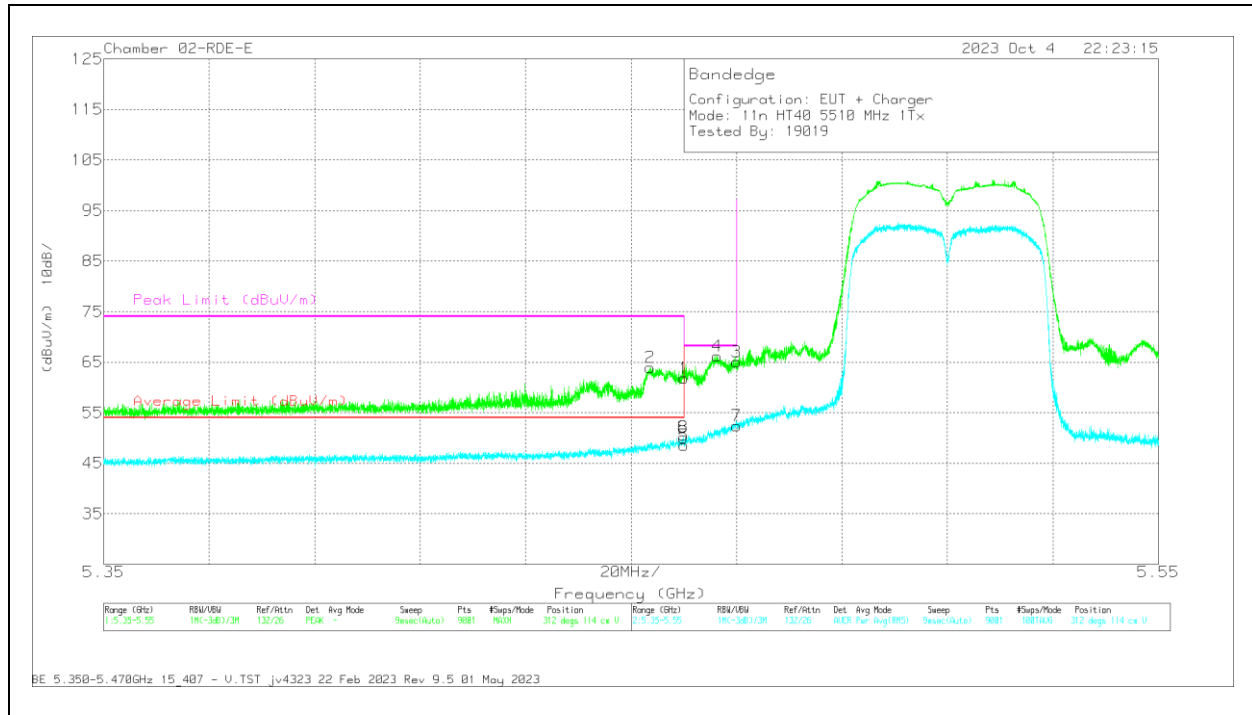
HORIZONTAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	206807 ACF (dB/m)	DCCF (dB)	Gain/Loss (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 5.46	62.06	Pk	34.4	0	-37.47	58.99	-	-	68.2	-9.21	162	240	H
2	* 5.45571	65.16	Pk	34.4	0	-37.5	62.06	-	-	74	-11.94	162	240	H
5	* 5.46	48.67	RMS	34.4	1.09	-37.47	46.69	54	-7.31	-	-	162	240	H
6	* 5.459154	49.57	RMS	34.4	1.09	-37.47	47.59	54	-6.41	-	-	162	240	H
8	* 5.459154	49.57	RMS	34.4	1.09	-37.47	47.59	54	-6.41	-	-	162	240	H
4	5.469688	66.54	Pk	34.4	0	-37.46	63.48	-	-	68.2	-4.72	162	240	H
3	5.47	65.09	Pk	34.4	0	-37.46	62.03	-	-	68.2	-6.17	162	240	H
7	5.47	51.77	RMS	34.4	1.09	-37.46	49.8	-	-	-	-	162	240	H

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

VERTICAL RESULT

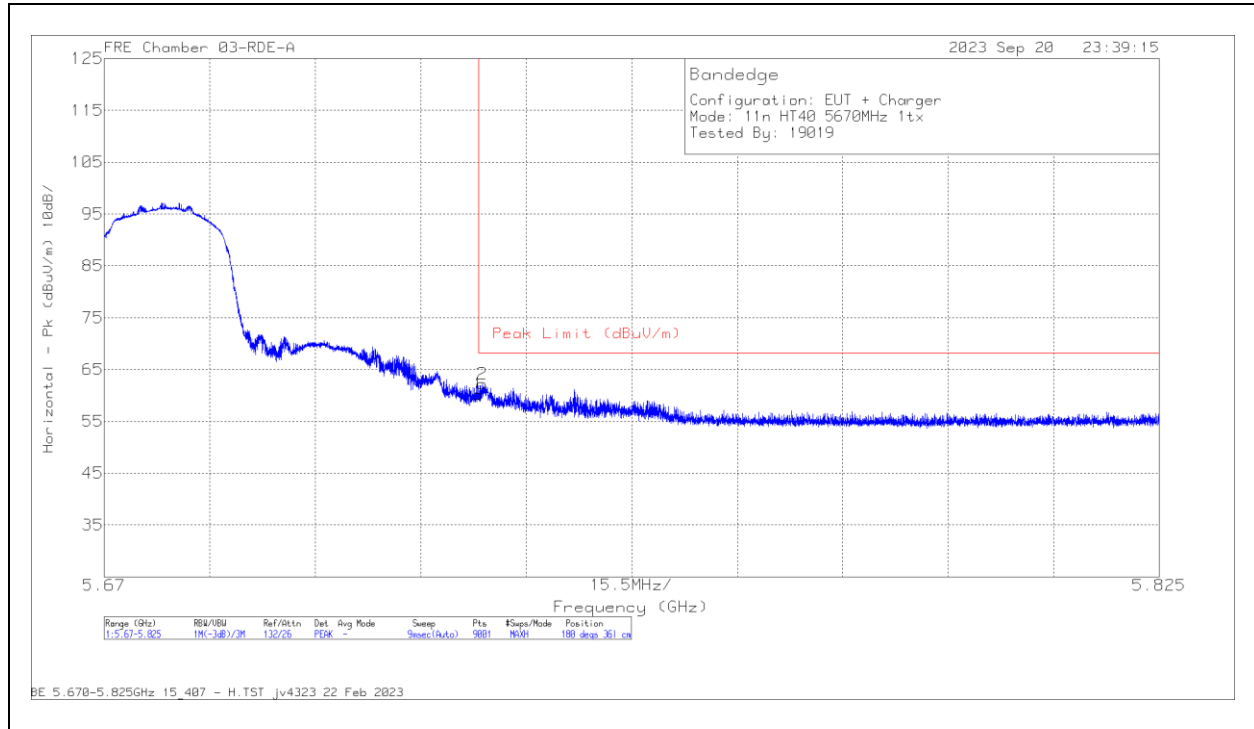


Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	206807 ACF (dB/m)	DCCF (dB)	Gain/Loss (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 5.46	64.9	Pk	34.4	0	-37.47	61.83	-	-	68.2	-6.37	312	114	V
2	* 5.453621	67.1	Pk	34.4	0	-37.51	63.99	-	-	74	-10.01	312	114	V
5	* 5.46	50.5	RMS	34.4	1.09	-37.47	48.52	54	-5.48	-	-	312	114	V
6	* 5.459932	52.09	RMS	34.4	1.09	-37.47	50.11	54	-3.89	-	-	312	114	V
8	* 5.459932	52.09	RMS	34.4	1.09	-37.47	50.11	54	-3.89	-	-	312	114	V
4	5.466377	69.19	Pk	34.4	0	-37.41	66.18	-	-	68.2	-2.02	312	114	V
3	5.47	68.08	Pk	34.4	0	-37.46	65.02	-	-	68.2	-3.18	312	114	V
7	5.47	54.35	RMS	34.4	1.09	-37.46	52.38	-	-	-	-	312	114	V

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

BANDEDGE (HIGH CHANNEL)

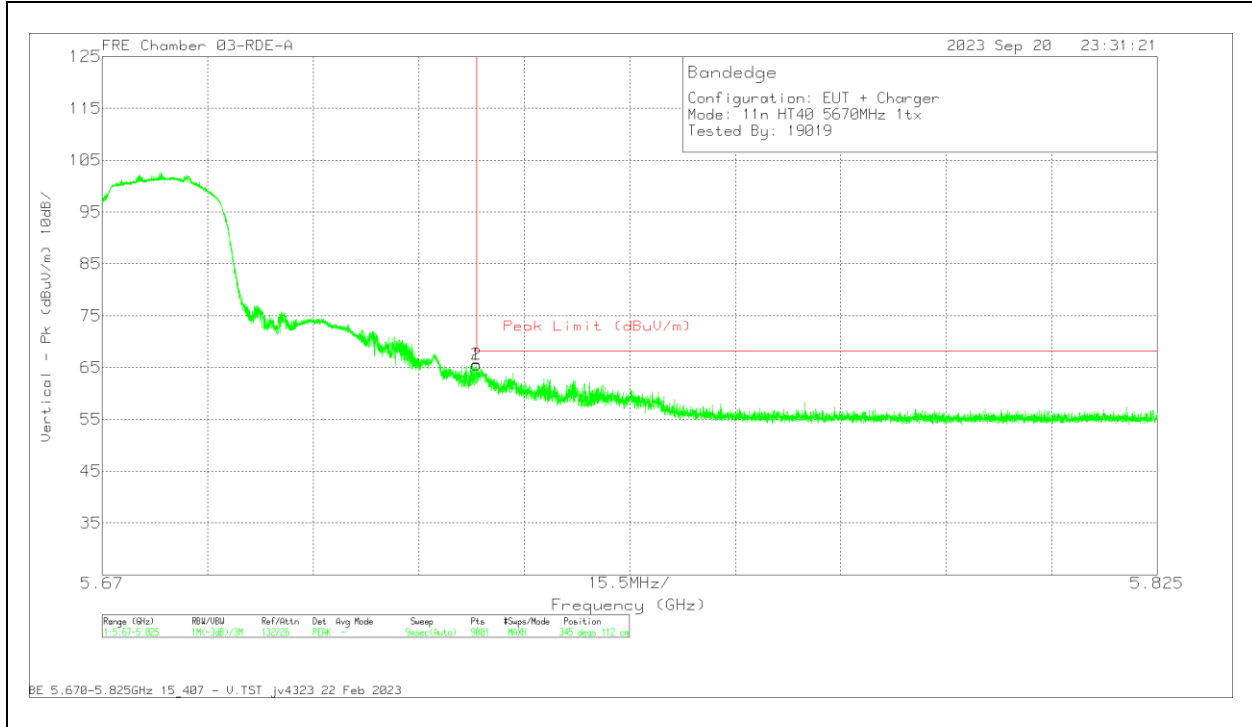
HORIZONTAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	200897 ACF 3m (dB/m)	DCCF (dB)	Gain/Loss (dB)	Corrected Reading (dBuV/m)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.725	62.83	Pk	34.5	0	-37.13	60.2	68.2	-8	180	361	H
2	5.725524	64.86	Pk	34.5	0	-37.14	62.22	68.2	-5.98	180	361	H

Pk - Peak detector

VERTICAL RESULT

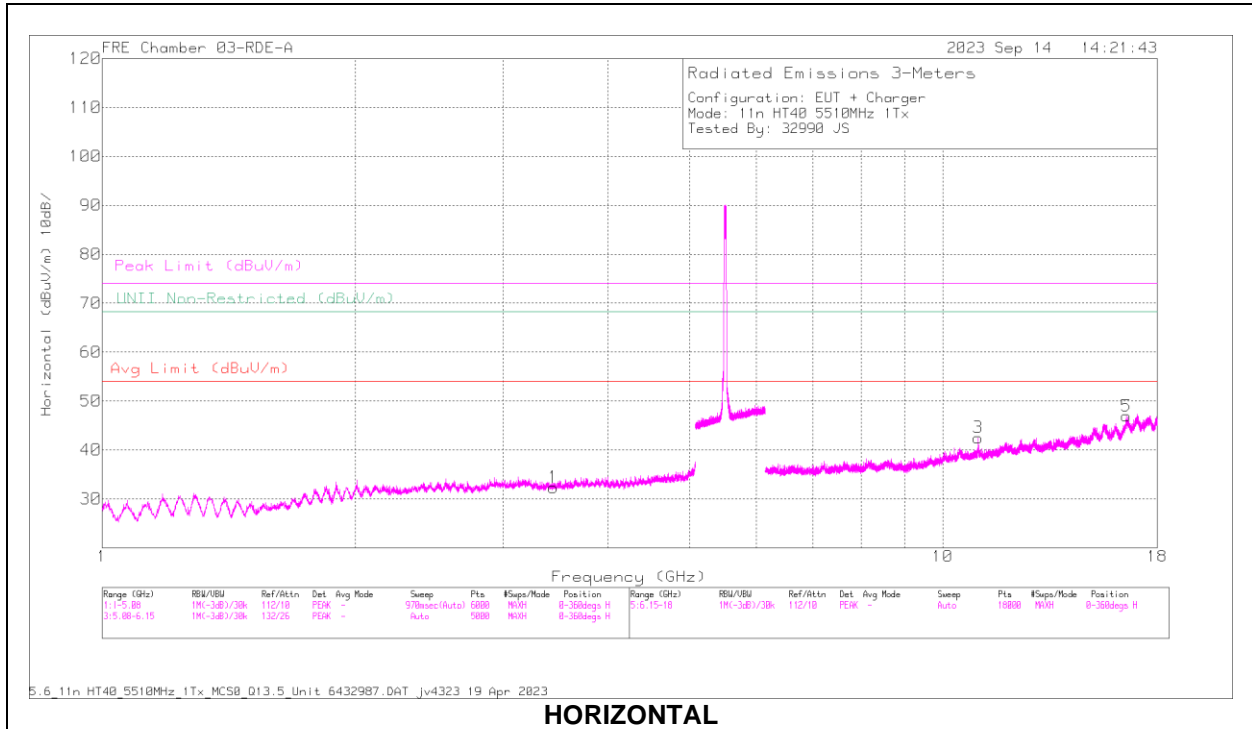


Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	200897 ACF 3m (dB/m)	DCCF (dB)	Gain/Loss (dB)	Corrected Reading (dBuV/m)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.725	68.15	Pk	34.5	0	-37.13	65.52	68.2	-2.68	345	112	V
2	5.725007	68.22	Pk	34.5	0	-37.13	65.59	68.2	-2.61	345	112	V

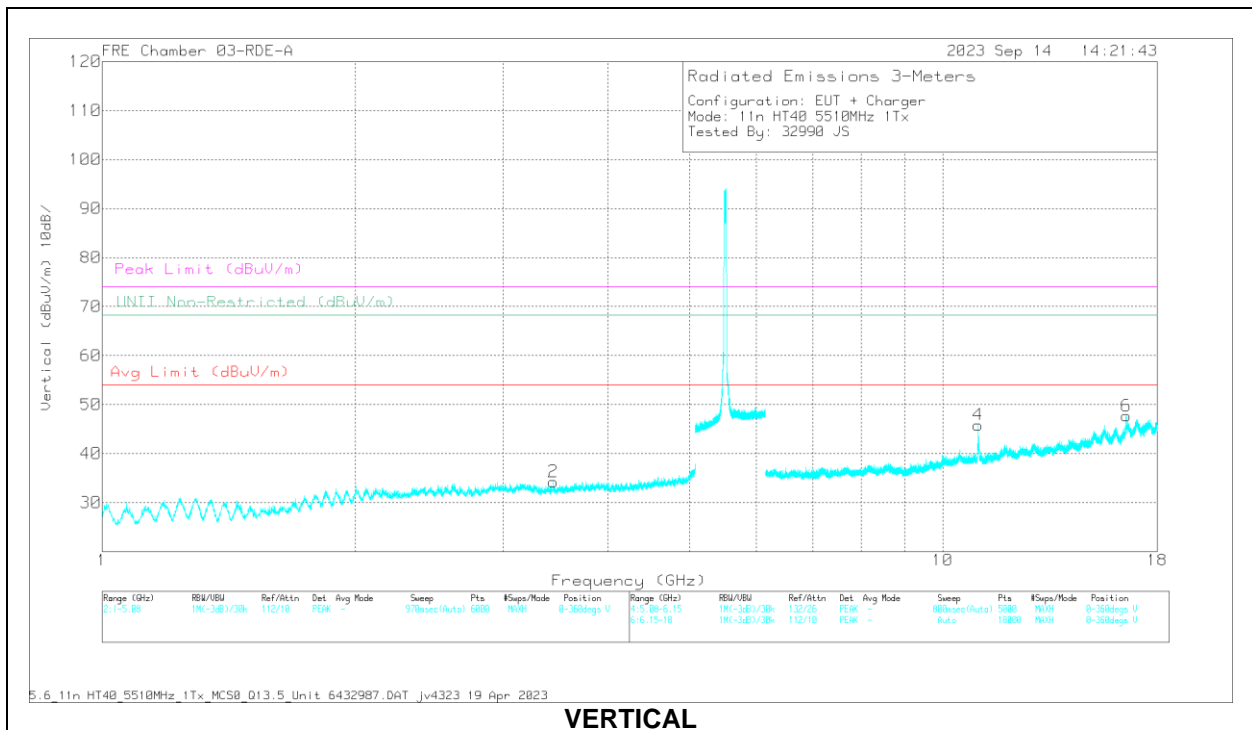
Pk - Peak detector

HARMONICS AND SPURIOUS EMISSIONS

LOW CHANNEL RESULTS



HORIZONTAL



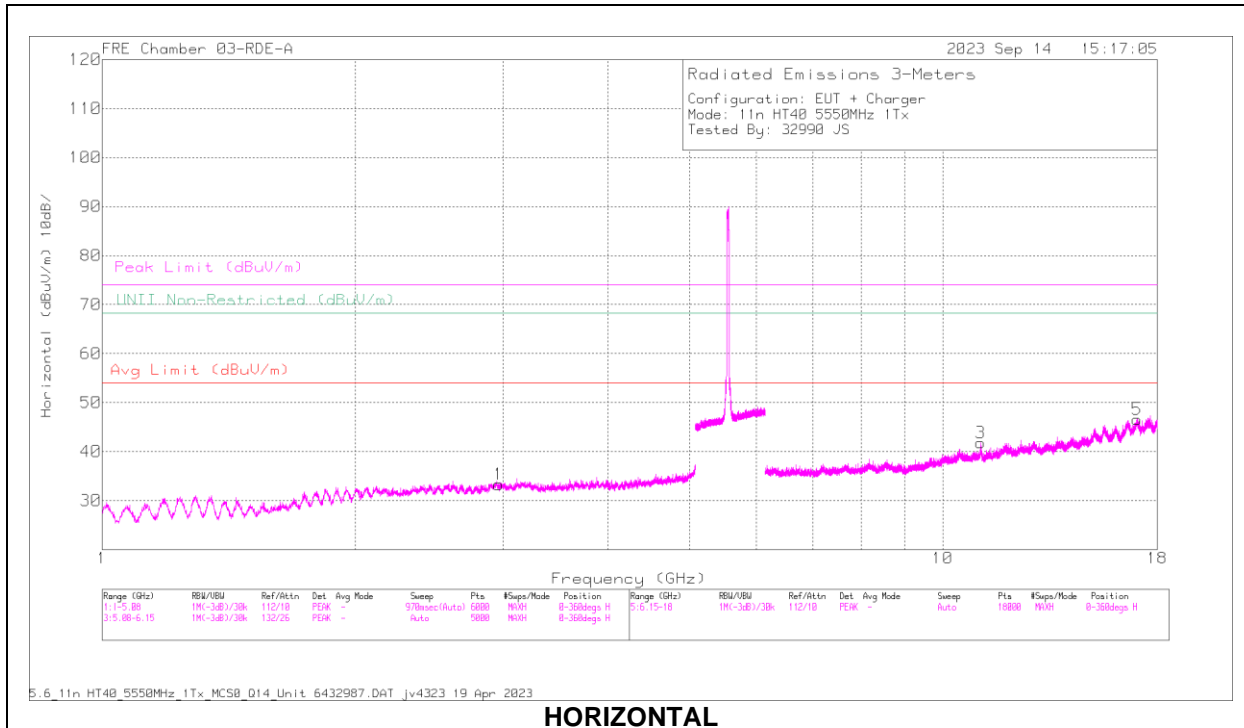
VERTICAL

RADIATED EMISSIONS

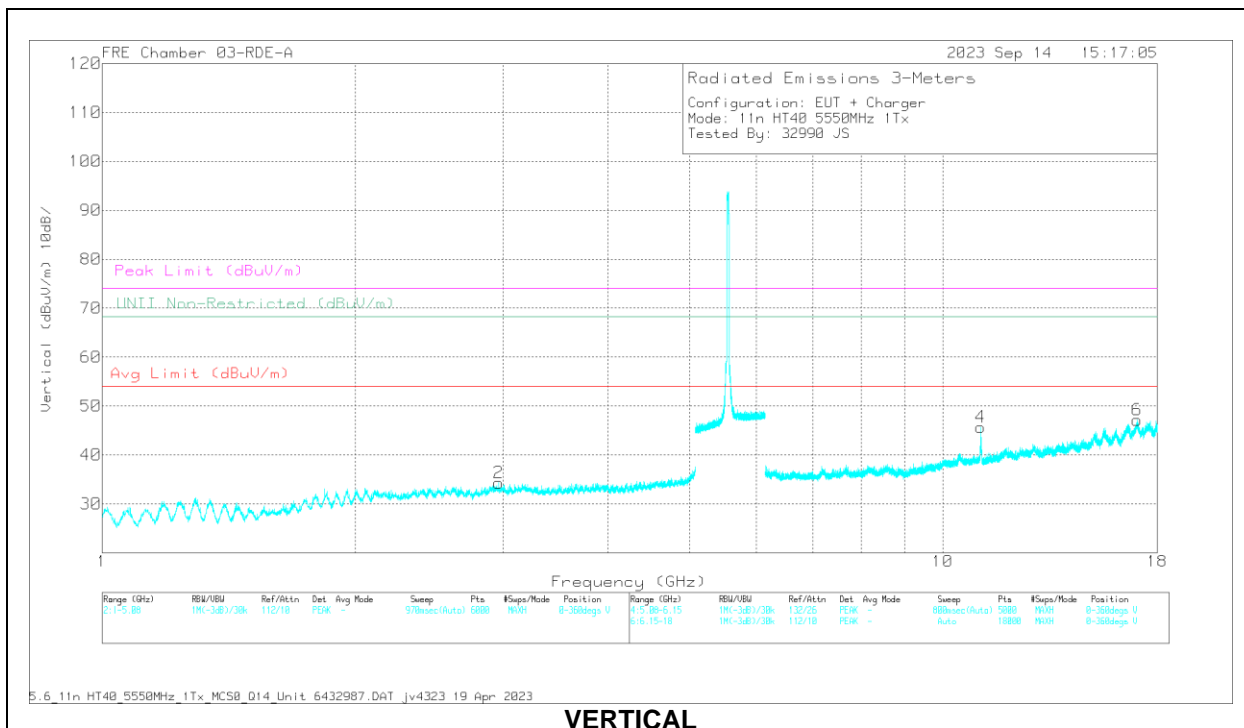
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	200897 ACF 3m (dB/m)	DCCF (dB)	Gain/Loss (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
3	* 11.02118	56.96	PK-U	37.7	0	-44.55	50.11	-	-	74	-23.89	-	-	305	203	H
	* 11.02021	45.34	ADR	37.7	1.09	-44.53	39.6	54	-14.4	-	-	-	-	305	203	H
4	* 11.01966	60.91	PK-U	37.7	0	-44.53	54.08	-	-	74	-19.92	-	-	277	131	V
	* 11.01979	48.32	ADR	37.7	1.09	-44.53	42.58	54	-11.42	-	-	-	-	277	131	V
1	3.440637	58	PK-U	32.7	0	-47.08	43.62	-	-	-	-	68.2	-24.58	21	173	H
2	3.443164	57.78	PK-U	32.7	0	-47.04	43.44	-	-	-	-	68.2	-24.76	7	113	V
5	16.531418	55.17	PK-U	41.1	0	-41.44	54.83	-	-	-	-	68.2	-13.37	187	352	H
6	16.539561	54.99	PK-U	41.1	0	-41.35	54.74	-	-	-	-	68.2	-13.46	268	320	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



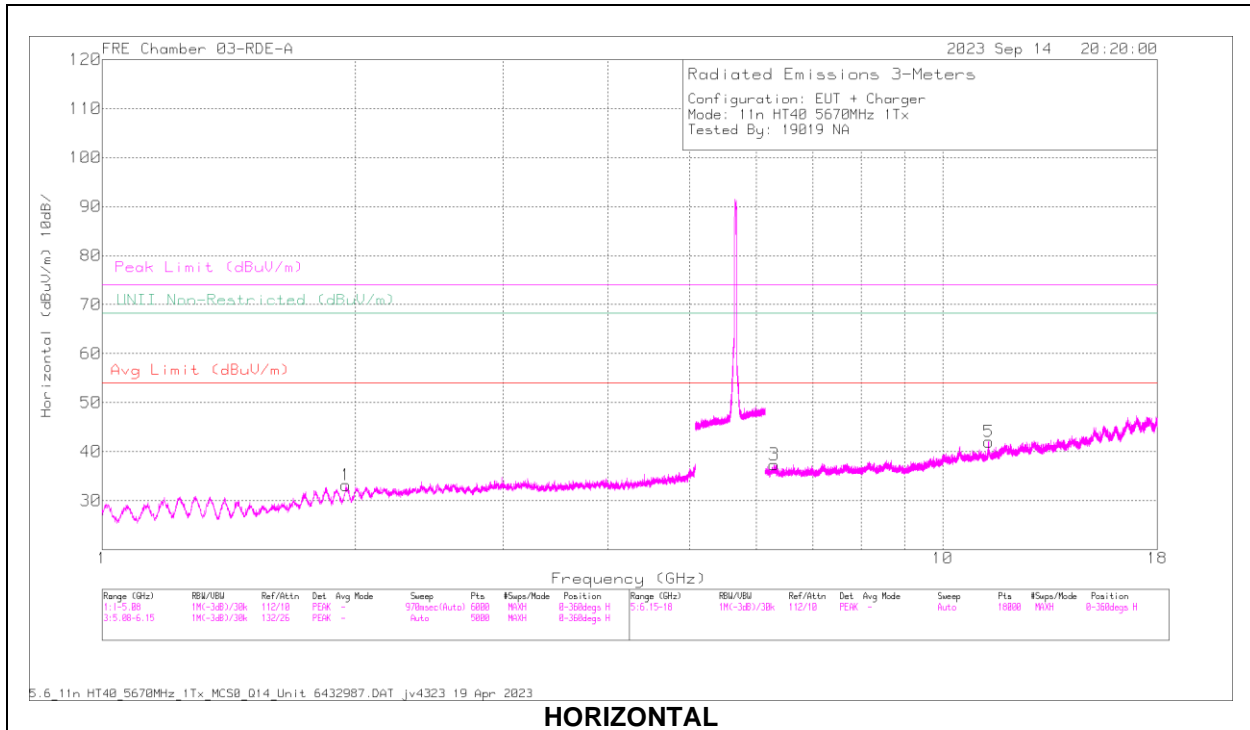
VERTICAL

RADIATED EMISSIONS

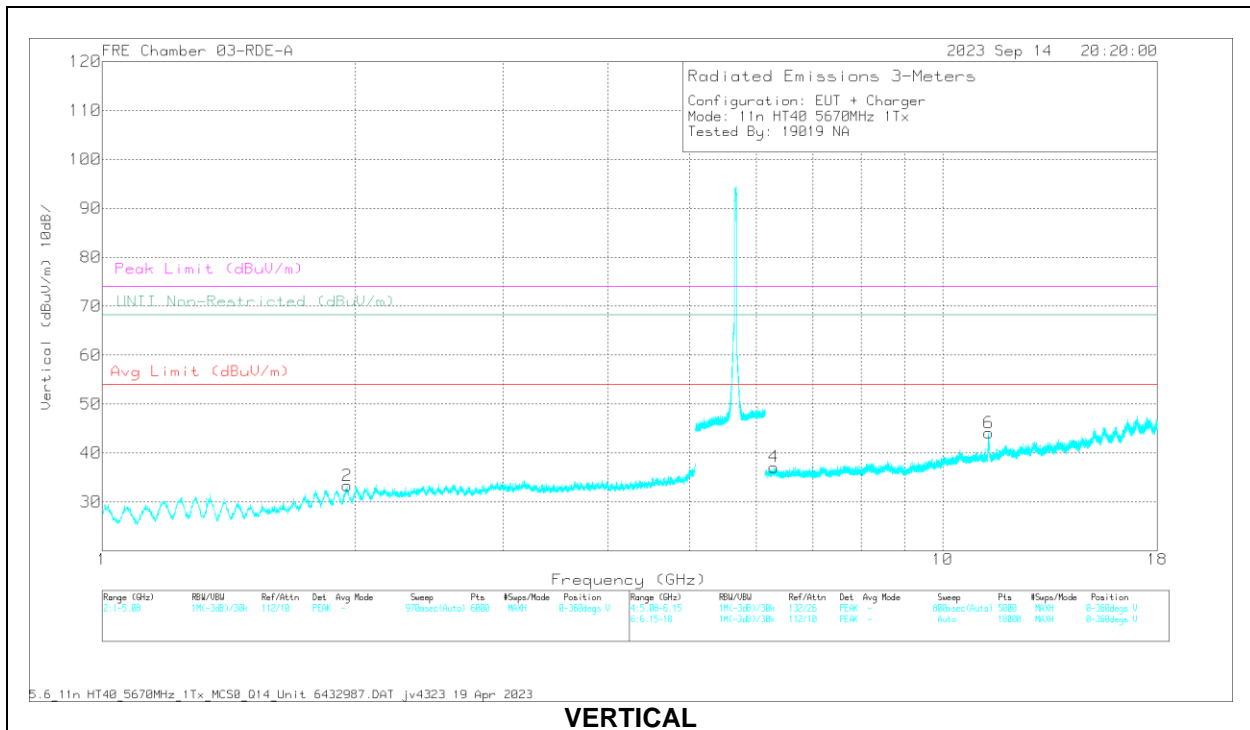
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	200897 ACF 3m (dB/m)	DCCF (dB)	Gain/Loss (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
3	* 11.09943	58.84	PK-U	37.7	0	-44.03	52.51	-	-	74	-21.49	-	-	234	111	H
	* 11.09981	47.93	ADR	37.7	1.09	-44.03	42.69	54	-11.31	-	-	-	-	234	111	H
4	* 11.10014	59.85	PK-U	37.7	0	-44.03	53.52	-	-	74	-20.48	-	-	258	105	V
	* 11.09997	49.65	ADR	37.7	1.09	-44.03	44.41	54	-9.59	-	-	-	-	258	105	V
1	2.960632	59.01	PK-U	32.6	0	-48.1	43.51	-	-	-	-	68.2	-24.69	271	379	H
2	2.964287	58.76	PK-U	32.6	0	-48.04	43.32	-	-	-	-	68.2	-24.88	10	369	V
5	17.033899	53.99	PK-U	41.6	0	-40.28	55.31	-	-	-	-	68.2	-12.89	158	333	H
6	17.034004	53.9	PK-U	41.6	0	-40.28	55.22	-	-	-	-	68.2	-12.98	67	284	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



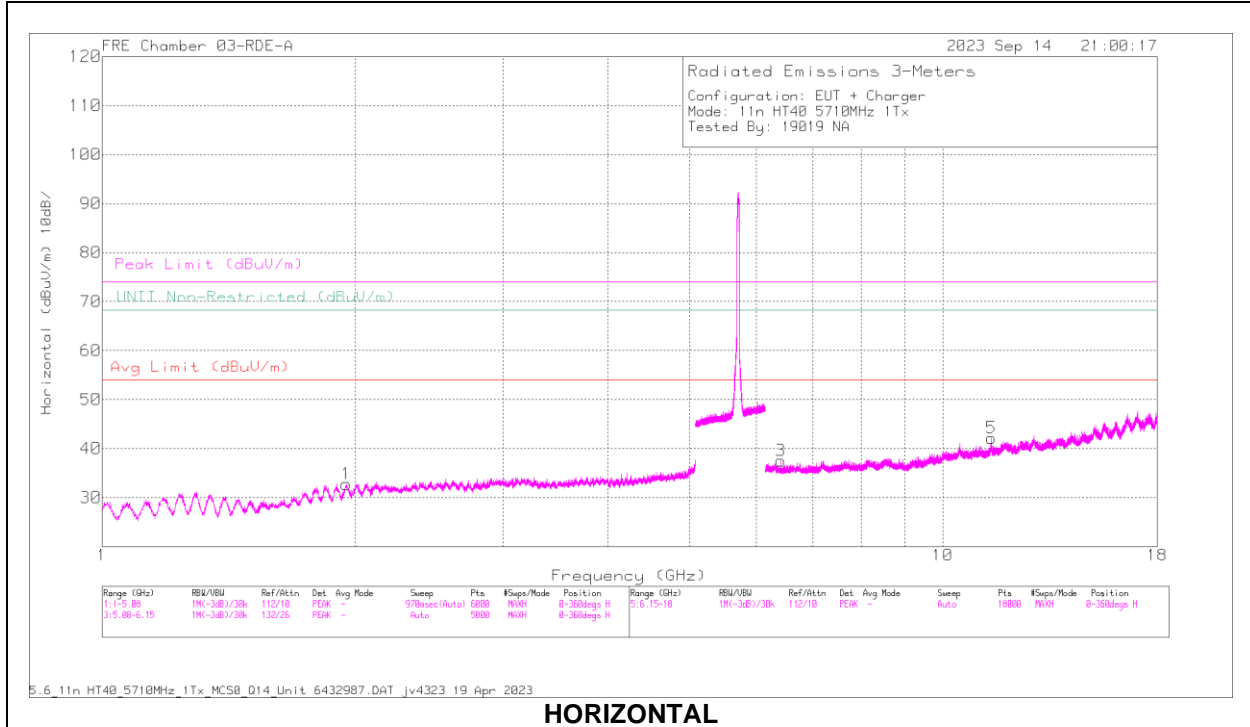
VERTICAL

RADIATED EMISSIONS

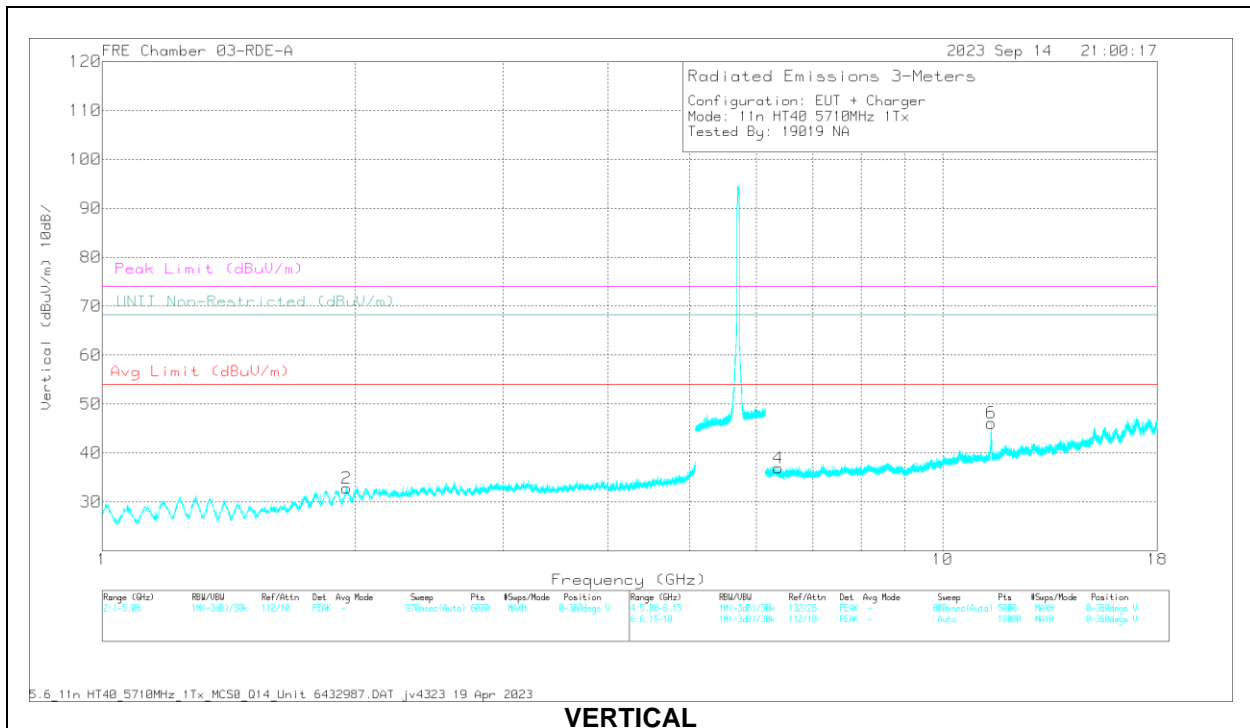
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	200897 ACF 3m (dB/m)	DCCF (dB)	Gain/Loss (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
5	* 11.34723	57.25	PK-U	37.7	0	-43.87	51.08	-	-	74	-22.92	-	-	50	289	H
	* 11.34605	45.59	ADR	37.7	1.09	-43.86	40.52	54	-13.48	-	-	-	-	50	289	H
6	* 11.33958	61.72	PK-U	37.7	0	-43.87	55.55	-	-	74	-18.45	-	-	78	102	V
	* 11.33955	49.7	ADR	37.7	1.09	-43.87	44.62	54	-9.38	-	-	-	-	78	102	V
1	1.949433	61.58	PK-U	31.1	0	-50.04	42.64	-	-	-	-	68.2	-25.56	180	274	H
2	1.954804	61.74	PK-U	31.1	0	-50.16	42.68	-	-	-	-	68.2	-25.52	248	126	V
4	6.293913	56.17	PK-U	35.5	0	-44.97	46.7	-	-	-	-	68.2	-21.5	209	131	V
3	6.300859	56.37	PK-U	35.5	0	-44.86	47.01	-	-	-	-	68.2	-21.19	170	162	H

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

CHANNEL 144 RESULTS



HORIZONTAL



VERTICAL

RADIATED EMISSIONS

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	200897 ACF 3m (dB/m)	DCCF (dB)	Gain/Loss (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
5	* 11.42318	57.32	PK-U	37.7	0	-44.01	51.01	-	-	74	-22.99	-	-	103	109	H
5	* 11.42350	45.59	ADR	37.7	1.09	-44	40.38	54	-13.62	-	-	-	-	103	109	H
6	* 11.41734	60.3	PK-U	37.7	0	-43.94	54.06	-	-	74	-19.94	-	-	79	141	V
6	* 11.41933	48.1	ADR	37.7	1.09	-43.96	42.93	54	-11.07	-	-	-	-	79	141	V
1	1.951526	61.58	PK-U	31.1	0	-50.2	42.48	-	-	-	-	68.2	-25.72	76	142	H
2	1.952152	61.97	PK-U	31.1	0	-50.25	42.82	-	-	-	-	68.2	-25.38	114	122	V
4	6.370826	56.86	PK-U	35.6	0	-45.52	46.94	-	-	-	-	68.2	-21.26	158	165	V
3	6.415533	56.7	PK-U	35.5	0	-45.58	46.62	-	-	-	-	68.2	-21.58	223	139	H

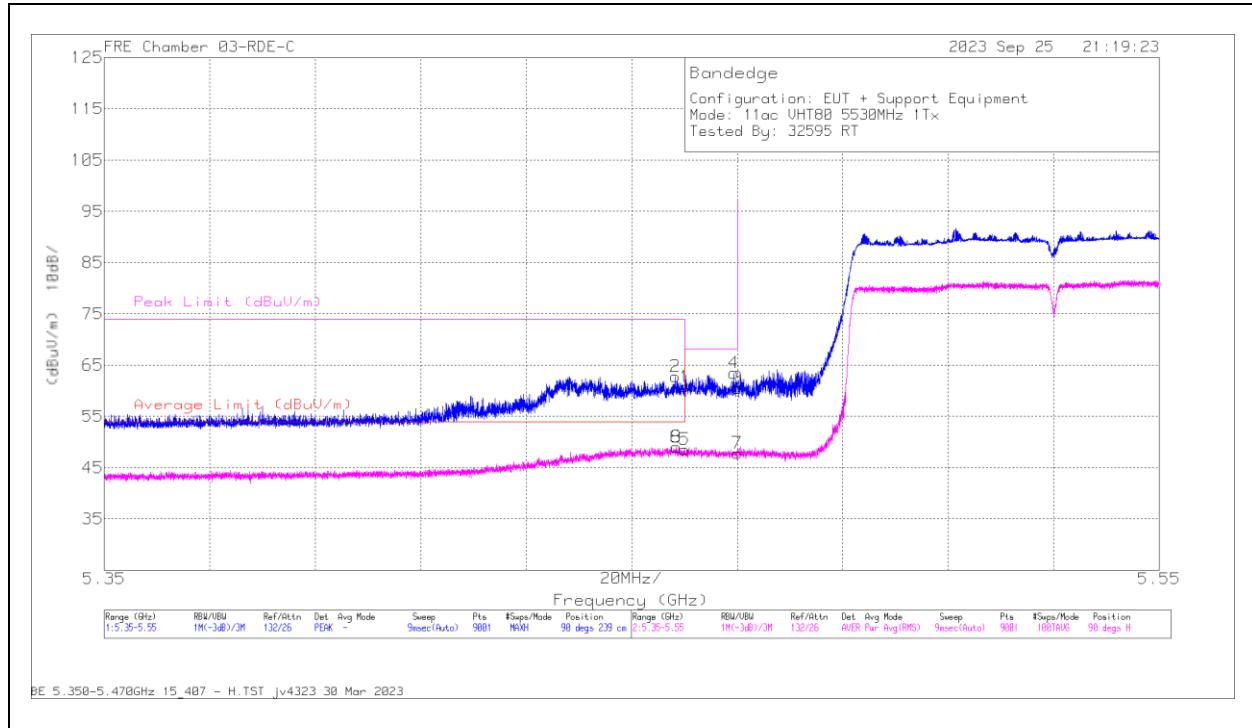
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band
 PK-U - U-NII: Maximum Peak
 ADR - U-NII AD primary method, RMS average

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

1TX Antenna 1 MODE

BANDEDGE (LOW CHANNEL)

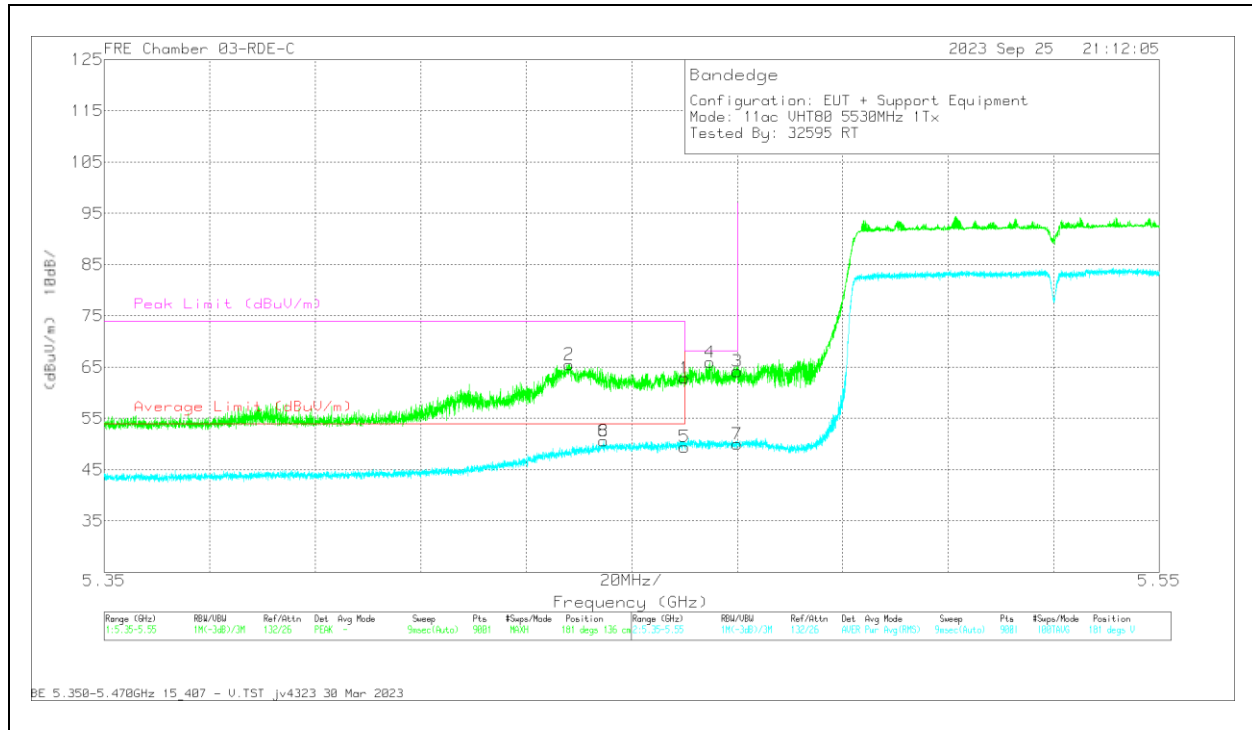
HORIZONTAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	226672 ACF (dB) 3mH	DCCF (dB)	Gain/Loss (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 5.46	63.99	Pk	34.6	0	-37.8	60.79	-	-	68.2	-7.41	90	239	H
2	* 5.458243	65.97	Pk	34.6	0	-37.78	62.79	-	-	74	-11.21	90	239	H
5	* 5.46	51.39	RMS	34.6	.39	-37.8	48.58	54	-5.42	-	-	90	239	H
6	* 5.458443	51.8	RMS	34.6	.39	-37.76	49.03	54	-4.97	-	-	90	239	H
8	* 5.458443	51.8	RMS	34.6	.39	-37.76	49.03	54	-4.97	-	-	90	239	H
4	5.469354	66.61	Pk	34.6	0	-37.76	63.45	-	-	68.2	-4.75	90	239	H
3	5.47	63.62	Pk	34.6	0	-37.7	60.52	-	-	68.2	-7.68	90	239	H
7	5.47	50.53	RMS	34.6	.39	-37.7	47.82	-	-	-	-	90	239	H

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

VERTICAL RESULT

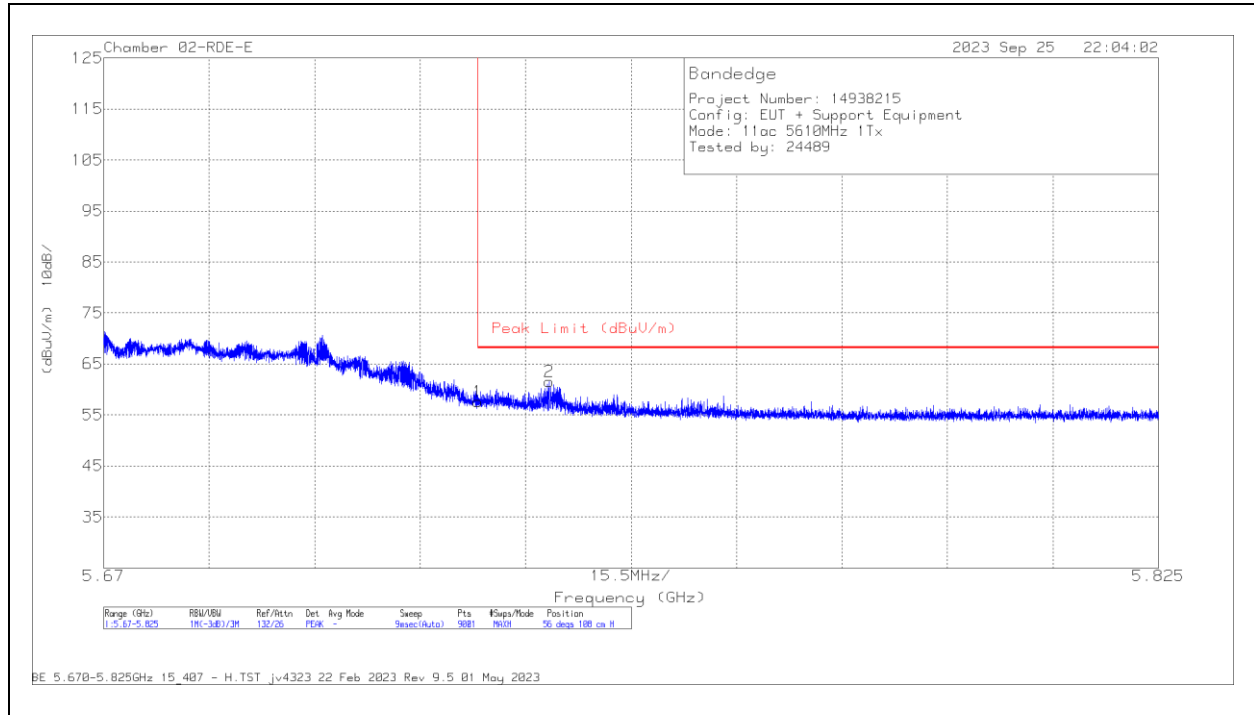


Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	226672 ACF (dB) 3mH	DCCF (dB)	Gain/Loss (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 5.46	66.09	Pk	34.6	0	-37.8	62.89	-	-	68.2	-5.31	181	136	V
2	* 5.43811	68.79	Pk	34.6	0	-37.9	65.49	-	-	74	-8.51	181	136	V
5	* 5.46	52.26	RMS	34.6	.39	-37.8	49.45	54	-4.55	-	-	181	136	V
6	* 5.444666	53.4	RMS	34.6	.39	-37.8	50.59	54	-3.41	-	-	181	136	V
8	* 5.444666	53.4	RMS	34.6	.39	-37.8	50.59	54	-3.41	-	-	181	136	V
4	5.464777	69.05	Pk	34.6	0	-37.72	65.93	-	-	68.2	-2.27	181	136	V
3	5.47	67.3	Pk	34.6	0	-37.7	64.2	-	-	68.2	-4	181	136	V
7	5.47	52.71	RMS	34.6	.39	-37.7	50	-	-	-	-	181	136	V

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

BANDEDGE (HIGH CHANNEL)

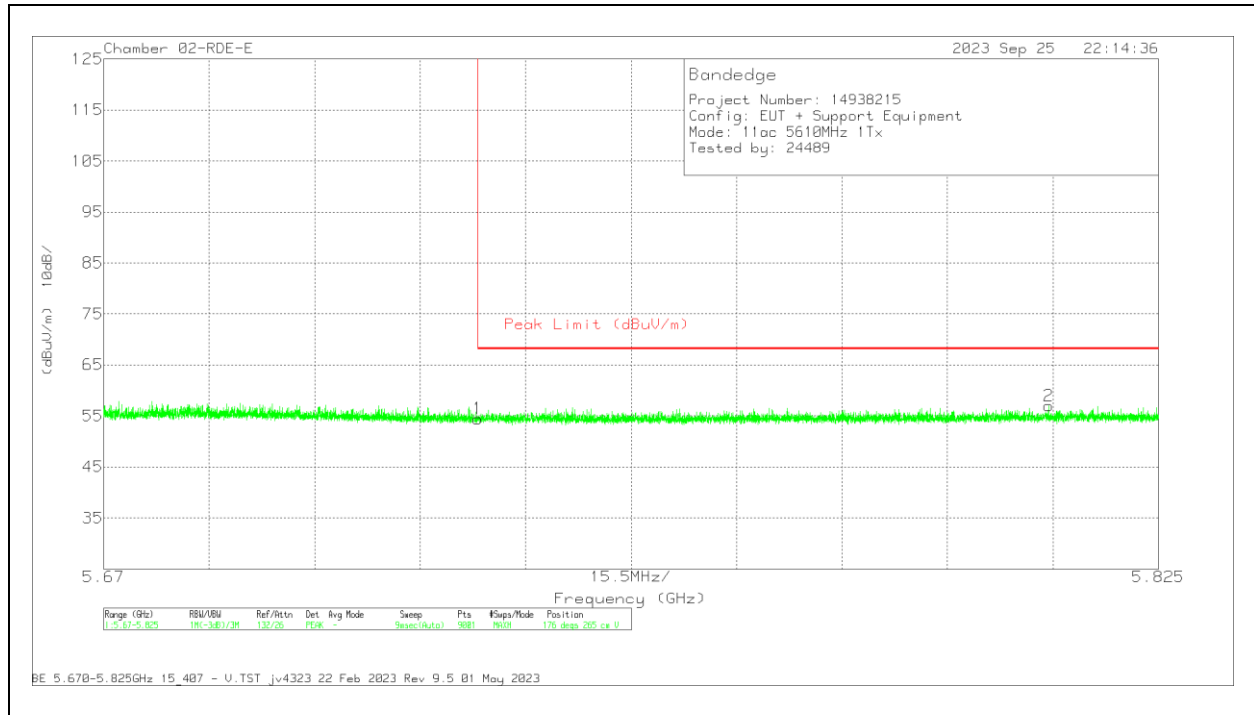
HORIZONTAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	206807 ACF (dB/m)	DCCF (dB)	Gain/Loss (dB)	Corrected Reading (dBuV/m)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.725	59.74	Pk	34.6	0	-36.76	57.58	68.2	-10.62	56	108	H
2	5.735444	63.7	Pk	34.6	0	-36.77	61.53	68.2	-6.67	56	108	H

Pk - Peak detector

VERTICAL RESULT

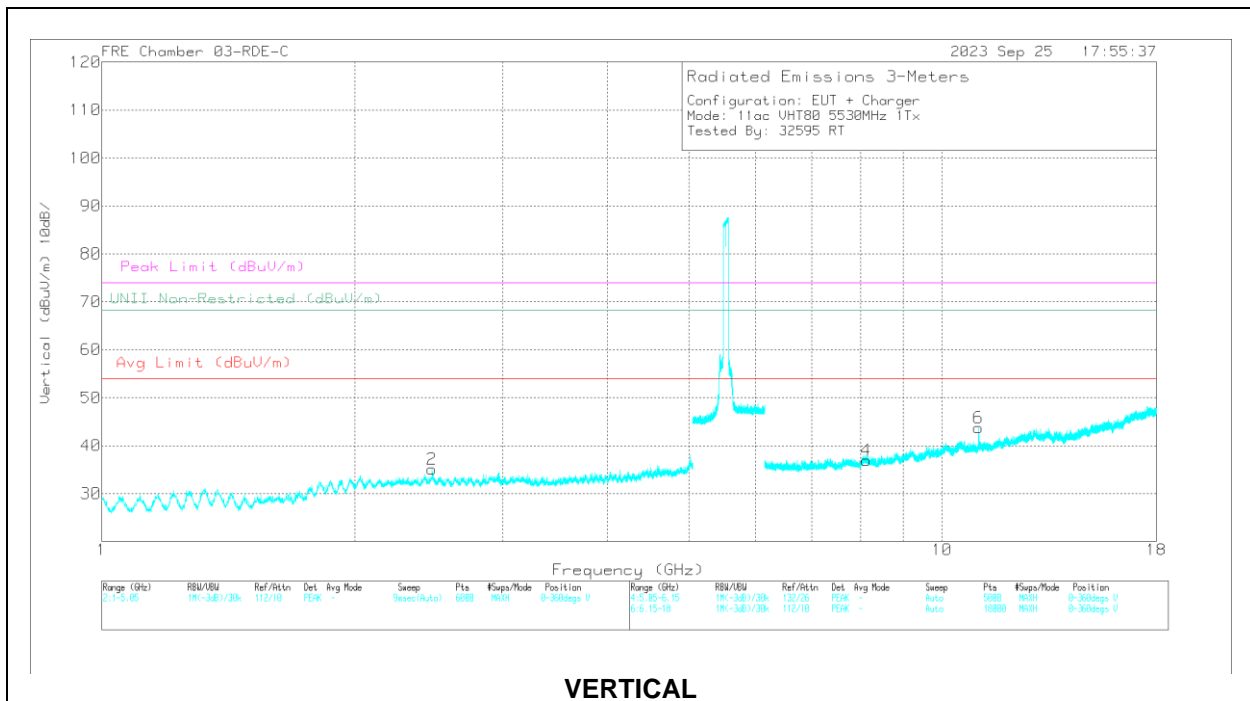
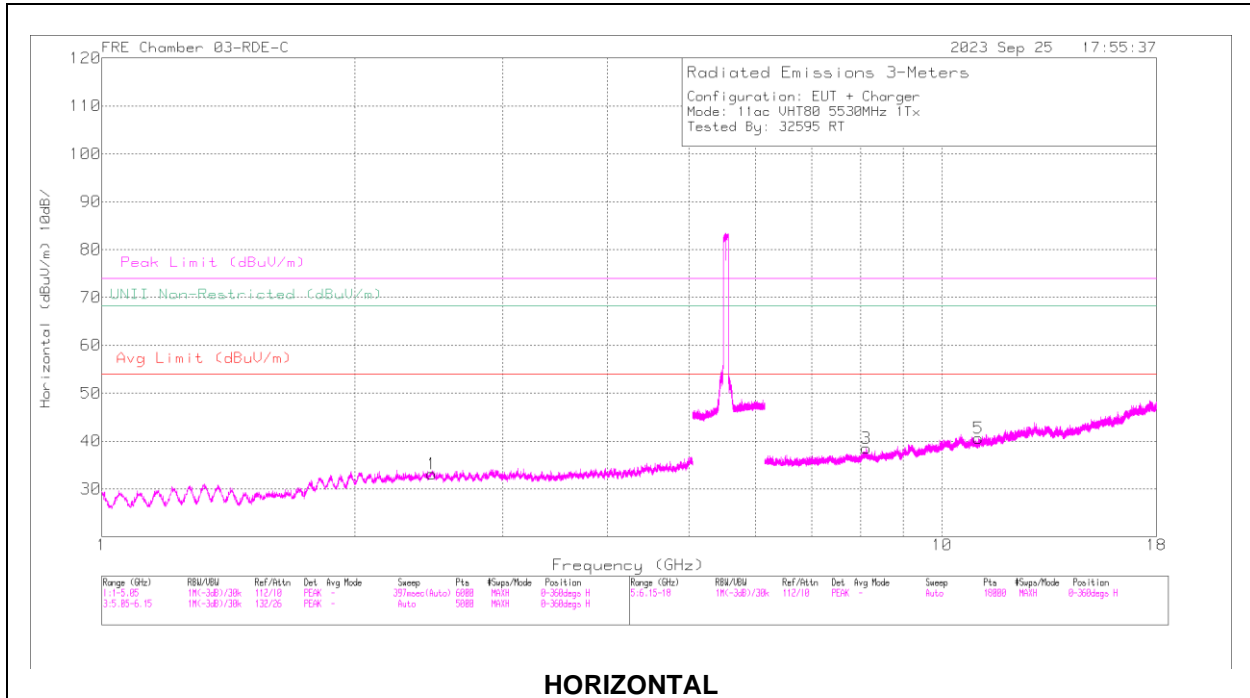


Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	206807 ACF (dB/m)	DCCF (dB)	Gain/Loss (dB)	Corrected Reading (dBuV/m)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.725	56.64	Pk	34.6	0	-36.76	54.48	68.2	-13.72	176	265	V
2	5.808844	58.7	Pk	34.8	0	-36.48	57.02	68.2	-11.18	176	265	V

Pk - Peak detector

HARMONICS AND SPURIOUS EMISSIONS

LOW CHANNEL RESULTS

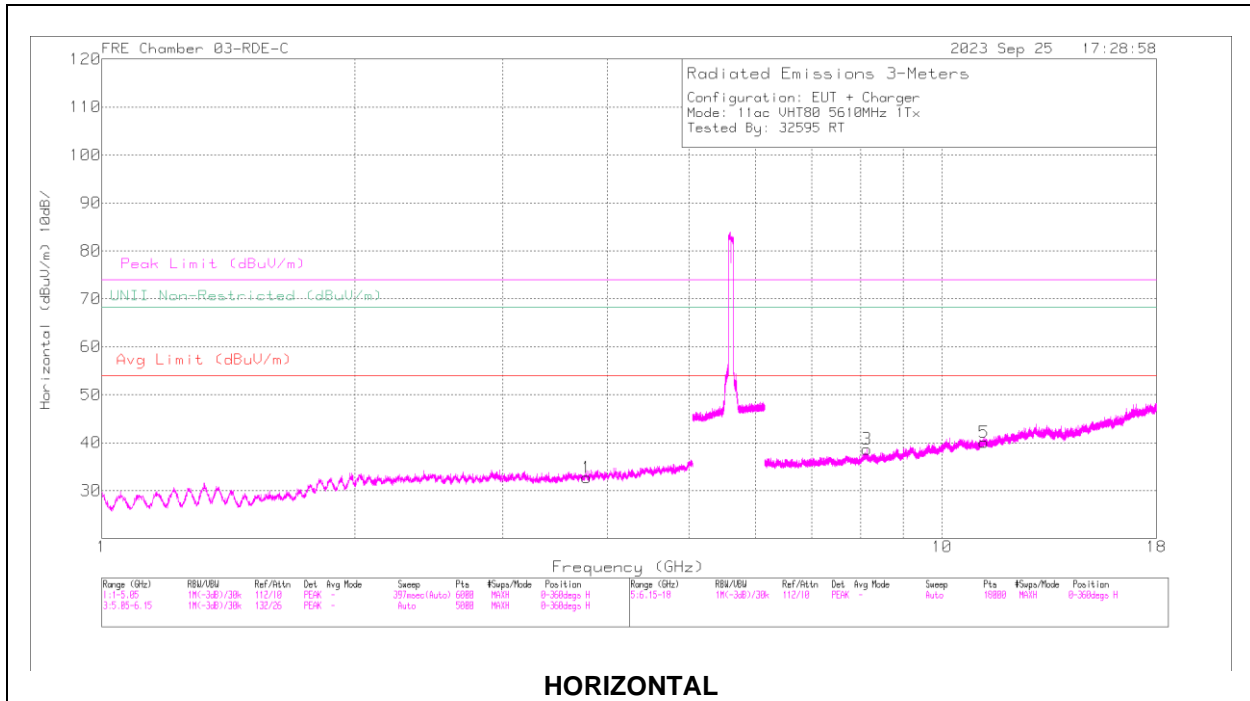


RADIATED EMISSIONS

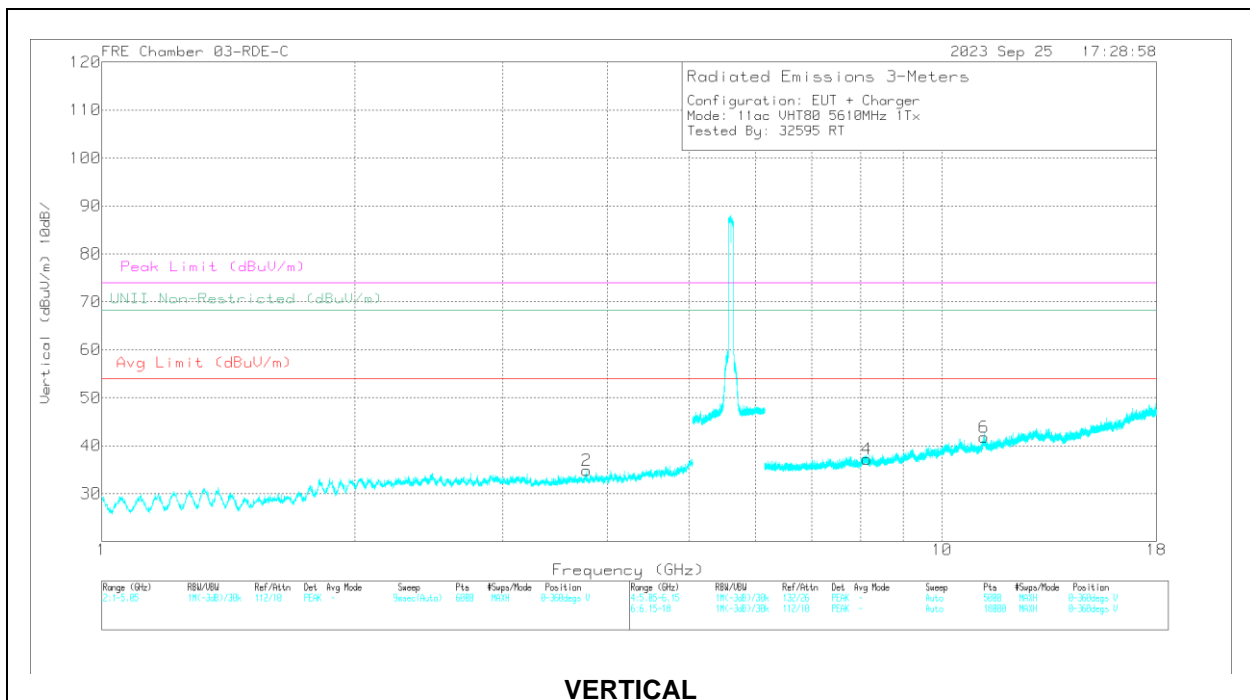
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	226672 ACF (dB) 3mH	DCCF (dB)	Gain/Loss (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
3	* 8.126371	55.83	PK-U	35.9	0	-44.4	47.33	-	-	74	-26.67	-	-	0	101	H
	* 8.126447	44.18	ADR	35.9	.39	-44.4	36.07	54	-17.93	-	-	-	-	0	101	H
5	* 11.06015	57.94	PK-U	37.9	0	-44.28	51.56	-	-	74	-22.44	-	-	35	136	H
	* 11.06007	47.21	ADR	37.9	.39	-44.29	41.21	54	-12.79	-	-	-	-	35	136	H
4	* 8.122646	56.34	PK-U	35.9	0	-44.4	47.84	-	-	74	-26.16	-	-	35	200	V
	* 8.124231	44.2	ADR	35.9	.39	-44.38	36.11	54	-17.89	-	-	-	-	35	200	V
6	* 11.06045	59.52	PK-U	37.9	0	-44.26	53.16	-	-	74	-20.84	-	-	93	110	V
	* 11.06005	49.18	ADR	37.9	.39	-44.29	43.18	54	-10.82	-	-	-	-	93	110	V
2	2.468928	59.87	PK-U	32.2	0	-48.4	43.67	-	-	-	-	68.2	-24.53	0	101	V
1	2.471366	60.36	PK-U	32.2	0	-48.4	44.16	-	-	-	-	68.2	-24.04	0	101	H

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

HIGH CHANNEL RESULTS



HORIZONTAL



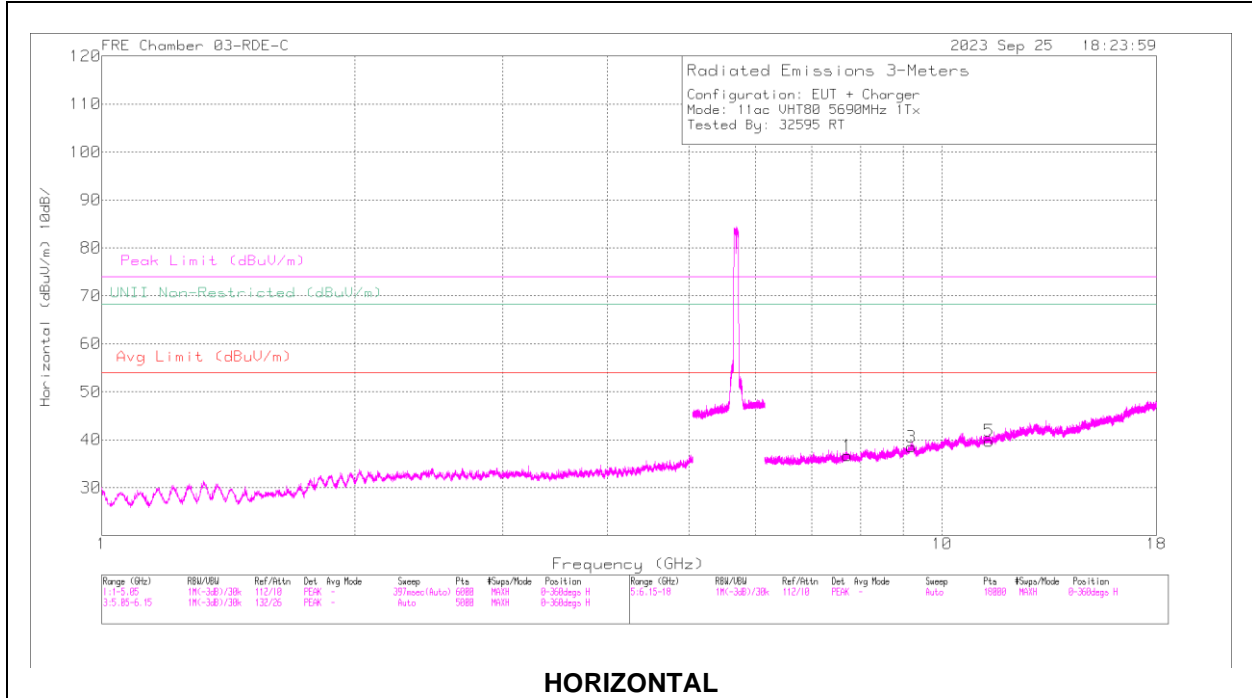
VERTICAL

RADIATED EMISSIONS

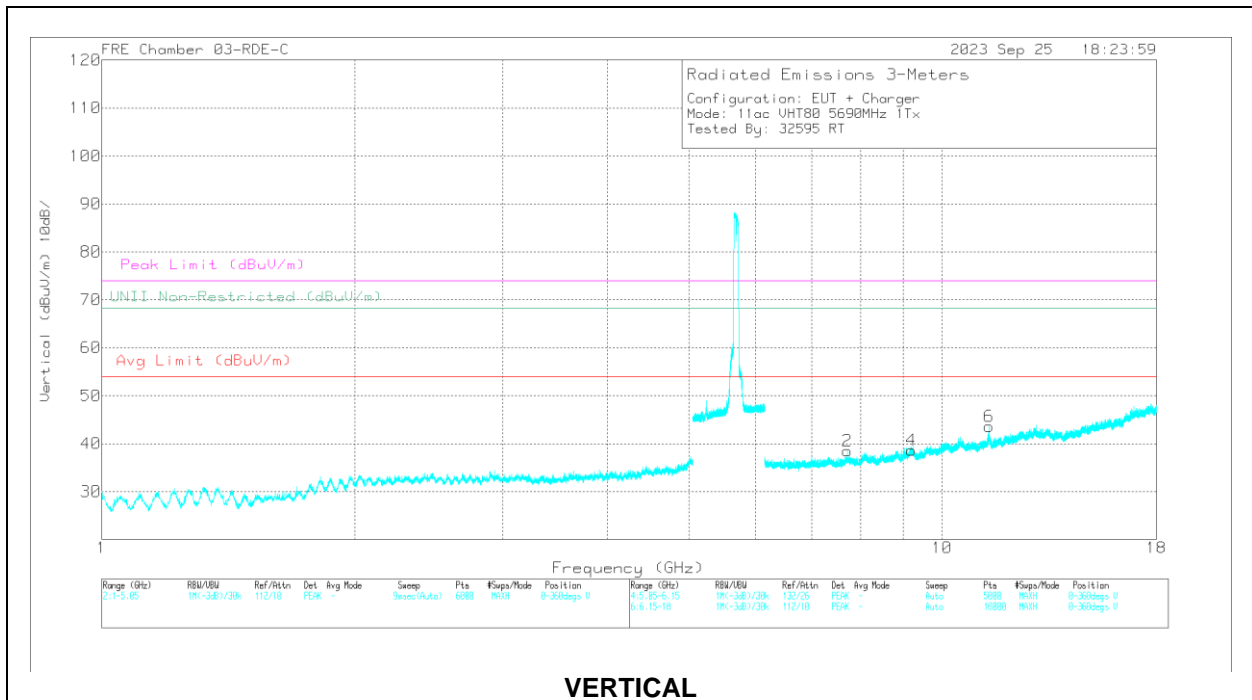
Markers	Frequency (GHz)	Meter Reading (dBuV)	Det	226672 ACF (dB) 3mH	DCCF (dB)	Gain/Loss (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 3.777465	56.01	PK-U	33.3	0	-46.1	43.21	-	-	74	-30.79	-	-	360	200	H
	* 3.778203	44.64	ADR	33.3	.39	-46.08	32.25	54	-21.75	-	-	-	-	360	200	H
2	* 3.779164	56.25	PK-U	33.3	0	-46.02	43.53	-	-	74	-30.47	-	-	360	200	V
	* 3.777493	44.54	ADR	33.3	.39	-46.1	32.13	54	-21.87	-	-	-	-	360	200	V
3	* 8.142138	55.59	PK-U	35.9	0	-44.51	46.98	-	-	74	-27.02	-	-	360	200	H
	* 8.142808	44.4	ADR	35.9	.39	-44.58	36.11	54	-17.89	-	-	-	-	360	200	H
5	* 11.21999	57.91	PK-U	37.9	0	-43.8	52.01	-	-	74	-21.99	-	-	65	101	H
	* 11.21963	46.11	ADR	37.9	.39	-43.84	40.56	54	-13.44	-	-	-	-	65	101	H
4	* 8.139892	55.99	PK-U	35.9	0	-44.5	47.39	-	-	74	-26.61	-	-	65	101	V
	* 8.141707	44.45	ADR	35.9	.39	-44.5	36.24	54	-17.76	-	-	-	-	65	101	V
6	* 11.21952	57.75	PK-U	37.9	0	-43.85	51.8	-	-	74	-22.2	-	-	115	356	V
	* 11.21978	46.54	ADR	37.9	.39	-43.82	41.01	54	-12.99	-	-	-	-	115	356	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 (GHz)	Meter Reading (dBuV)	Det	226672 ACF (dB) 3mH	DCCF (dB)	Gain/Loss (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 7.71583	56.59	PK-U	35.9	0	-45.02	47.47	-	-	74	-26.53	-	-	0	101	H
	* 7.716586	44.73	ADR	35.9	.39	-45.06	35.96	54	-18.04	-	-	-	-	0	101	H
3	* 9.177146	45.82	ADR	36.3	.39	-45.11	37.4	54	-16.6	-	-	-	-	0	200	H
5	* 11.38544	56.69	PK-U	38	0	-43.7	50.99	-	-	74	-23.01	-	-	78	256	H
	* 11.38452	45.21	ADR	38	.39	-43.65	39.95	54	-14.05	-	-	-	-	78	256	H
2	* 7.716763	56.39	PK-U	35.9	0	-45.08	47.21	-	-	74	-26.79	-	-	78	200	V
	* 7.717083	44.98	ADR	35.9	.39	-45.11	36.16	54	-17.84	-	-	-	-	78	200	V
6	* 11.38559	59.23	PK-U	38	0	-43.7	53.53	-	-	74	-20.47	-	-	99	101	V
	* 11.38366	47	ADR	38	.39	-43.6	41.79	54	-12.21	-	-	-	-	99	101	V
4	9.201987	57.71	PK-U	36.3	0	-44.6	49.41	-	-	-	-	68.2	-18.79	78	101	V
	9.203309	45.88	ADR	36.3	.39	-44.73	37.84	-	-	-	-	-	-	78	101	V
3	9.230354	57.17	PK-U	36.3	0	-44.6	48.87	-	-	-	-	68.2	-19.33	0	200	H

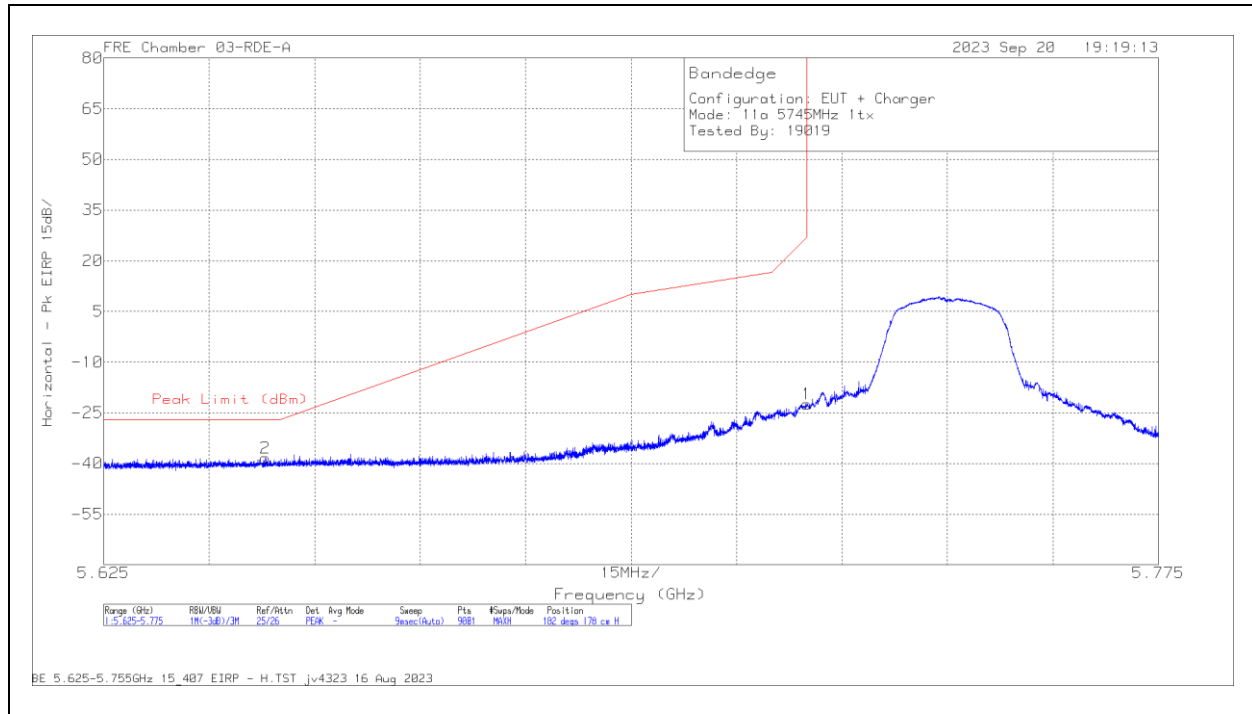
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band
 PK-U - U-NII: Maximum Peak
 ADR - U-NII AD primary method, RMS average

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

1TX Antenna 1 MODE

BANDEDGE (LOW CHANNEL)

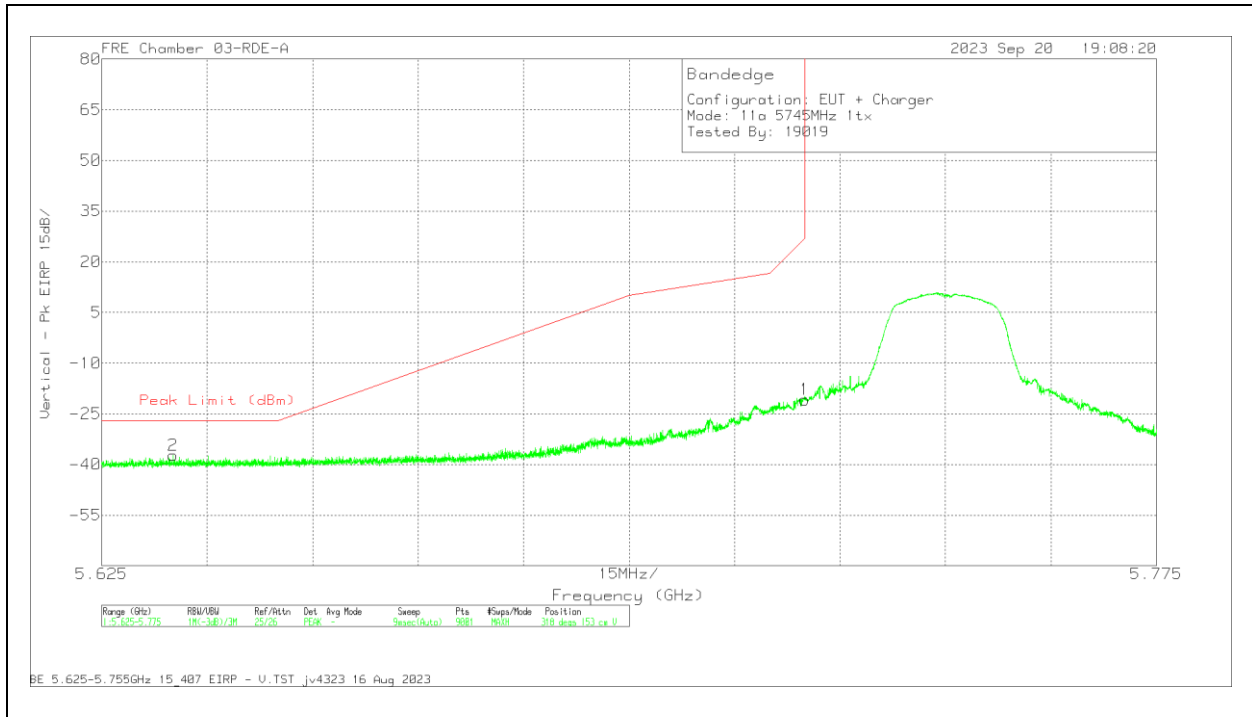
HORIZONTAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBm)	Det	200897 ACF 3m (dB/m)	Conversion Factor (dB)	DCCF (dB)	Gain/Loss (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
2	5.648017	-47.29	Pk	34.4	11.8	0	-37.32	-38.41	-27	-11.41	182	178	H
1	5.725	-31.64	Pk	34.5	11.8	0	-37.13	-22.47	27	-49.47	182	178	H

Pk - Peak detector

VERTICAL RESULT

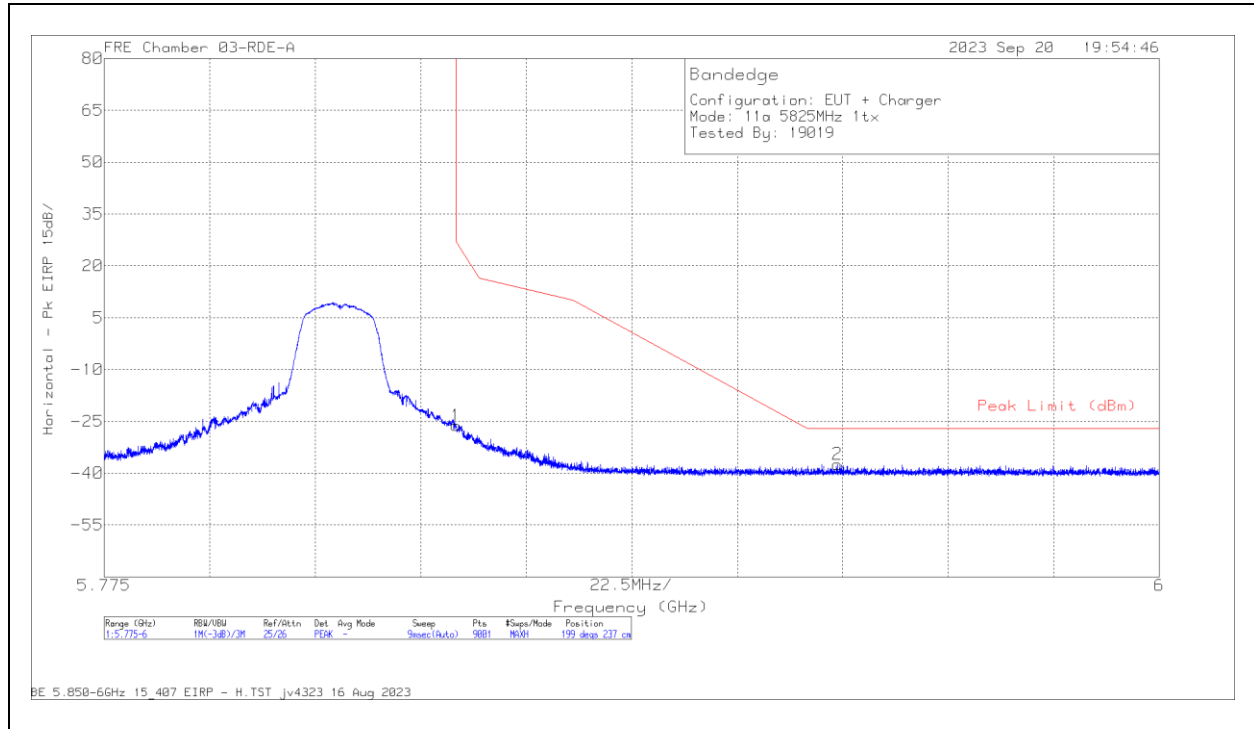


Marker	Frequency (GHz)	Meter Reading (dBm)	Det	200897 ACF 3m (dB/m)	Conversion Factor (dB)	DCCF (dB)	Gain/Loss (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
2	5.635134	-46.11	Pk	34.4	11.8	0	-37.32	-37.23	-27	-10.23	318	153	V
1	5.725	-29.99	Pk	34.5	11.8	0	-37.13	-20.82	27	-47.82	318	153	V

Pk - Peak detector

BANDEDGE (HIGH CHANNEL)

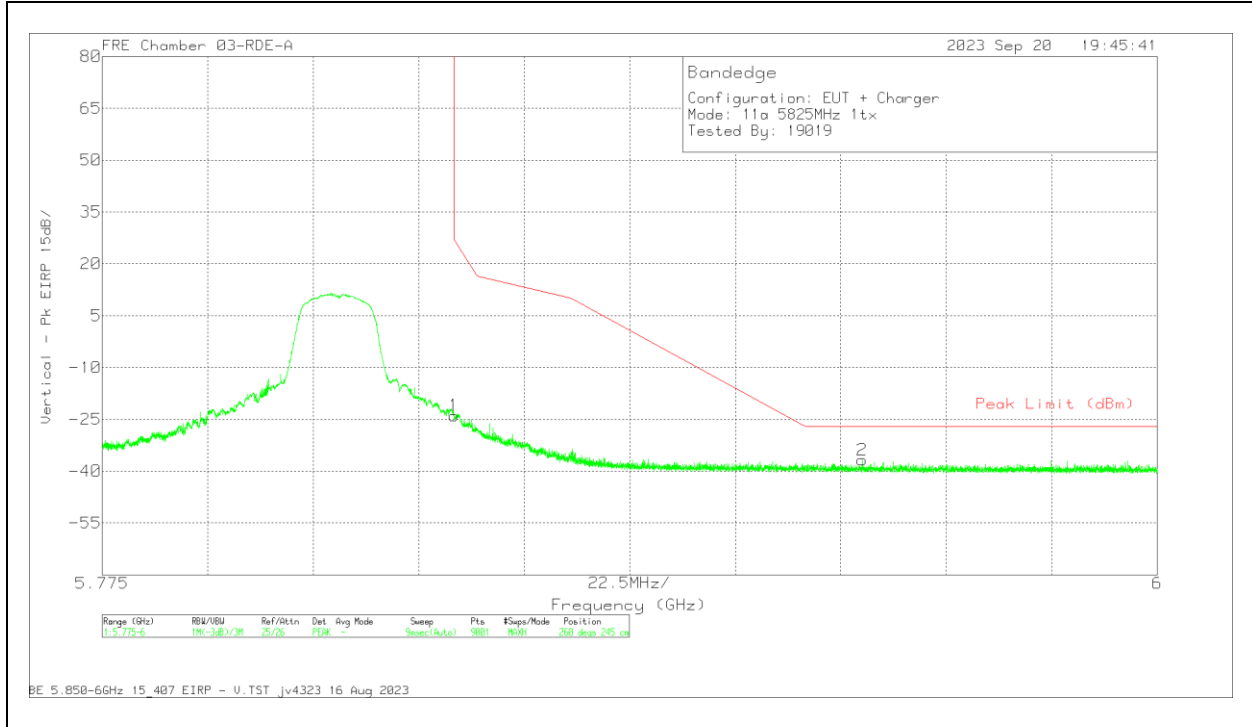
HORIZONTAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBm)	Det	200897 ACF 3m (dB/m)	Conversion Factor (dB)	DCCF (dB)	Gain/Loss (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.85	-36	Pk	34.9	11.8	0	-36.87	-26.17	27	-53.17	199	237	H
2	5.93135	-47.62	Pk	35.1	11.8	0	-36.7	-37.42	-27	-10.42	199	237	H

Pk - Peak detector

VERTICAL RESULT

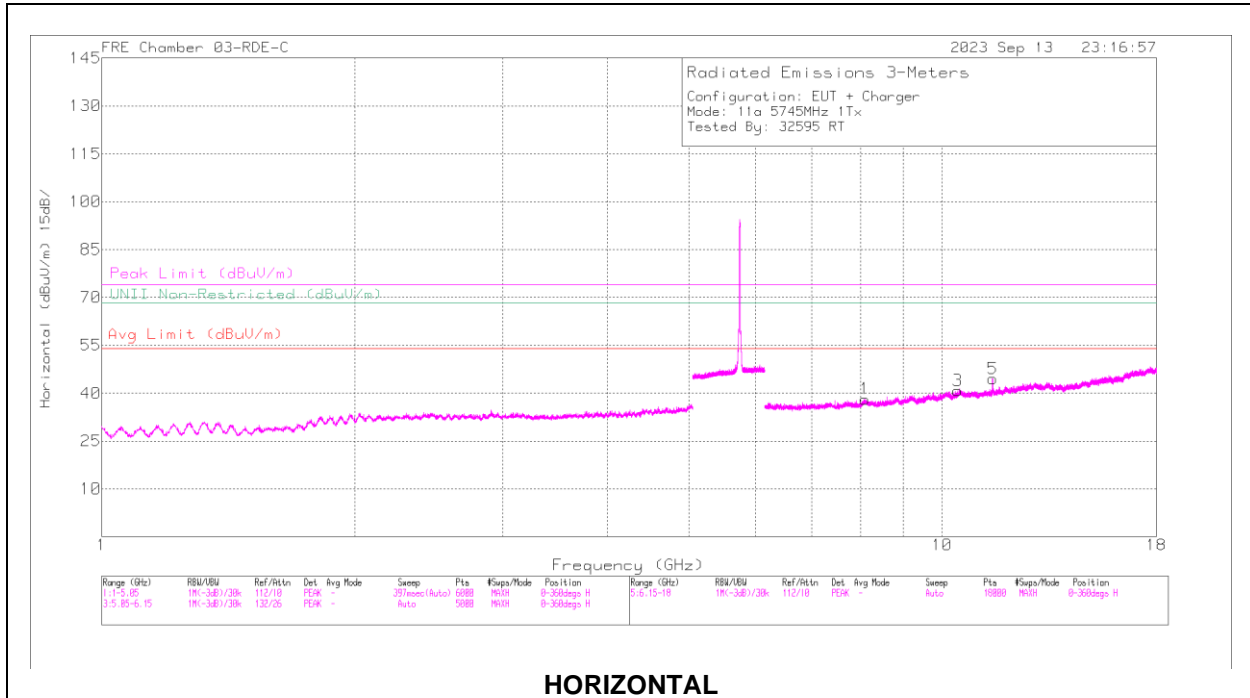


Marker	Frequency (GHz)	Meter Reading (dBm)	Det	200897 ACF 3m (dB/m)	Conversion Factor (dB)	DCCF (dB)	Gain/Loss (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.85	-33.75	Pk	34.9	11.8	0	-36.87	-23.92	27	-50.92	260	245	V
2	5.937075	-46.92	Pk	35.1	11.8	0	-36.71	-36.73	-27	-9.73	260	245	V

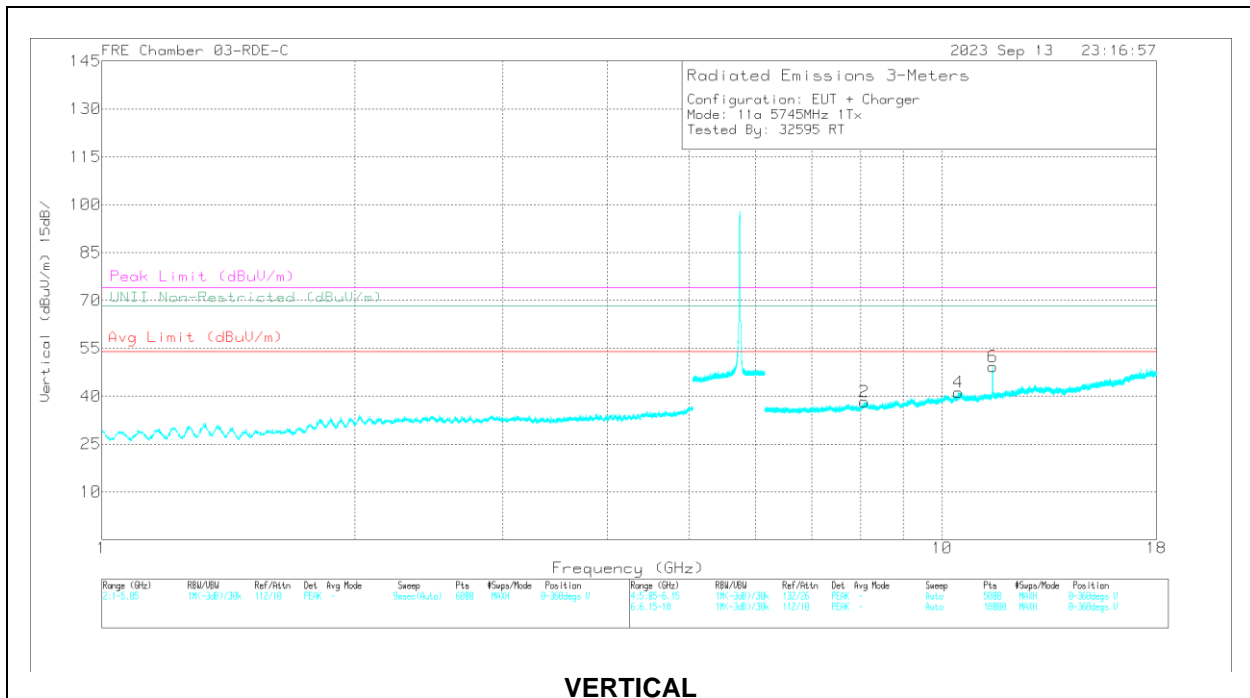
Pk - Peak detector

HARMONICS AND SPURIOUS EMISSIONS

LOW CHANNEL RESULTS



HORIZONTAL



VERTICAL

RADIATED EMISSIONS

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	226672 ACF (dB) 3mH	DCCF (dB)	Gain/Loss (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 8.092075	55.93	PK-U	35.9	0	-44.3	47.53	-	-	74	-26.47	-	-	248	188	H
	* 8.092079	44.39	ADR	35.9	.49	-44.3	36.48	54	-17.52	-	-	-	-	248	188	H
5	* 11.49112	61.9	PK-U	38.1	0	-43.49	56.51	-	-	74	-17.49	-	-	31	296	H
	* 11.49022	49.26	ADR	38.1	.49	-43.5	44.35	54	-9.65	-	-	-	-	31	296	H
2	* 8.082436	55.65	PK-U	35.9	0	-44.36	47.19	-	-	74	-26.81	-	-	143	216	V
	* 8.085168	44.27	ADR	35.9	.49	-44.32	36.34	54	-17.66	-	-	-	-	143	216	V
6	* 11.49111	64.33	PK-U	38.1	0	-43.49	58.94	-	-	74	-15.06	-	-	91	137	V
	* 11.49070	52.51	ADR	38.1	.49	-43.5	47.60	54	-6.40	-	-	-	-	91	137	V
3	10.436689	56.85	PK-U	37.5	0	-44.67	49.68	-	-	-	-	68.2	-18.52	6	341	H
4	10.454671	56.98	PK-U	37.5	0	-44.6	49.88	-	-	-	-	68.2	-18.32	349	298	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