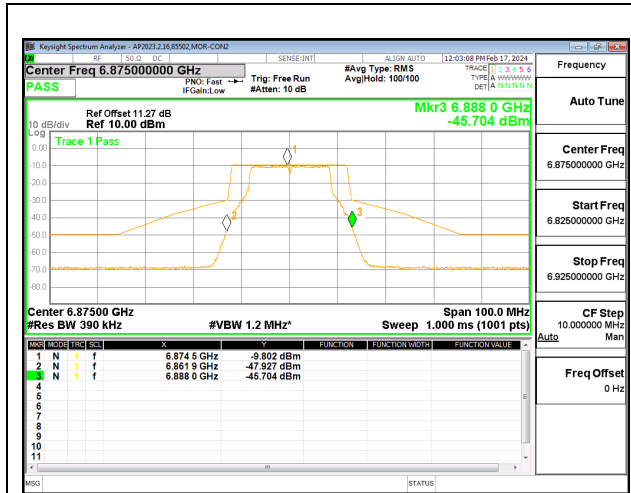
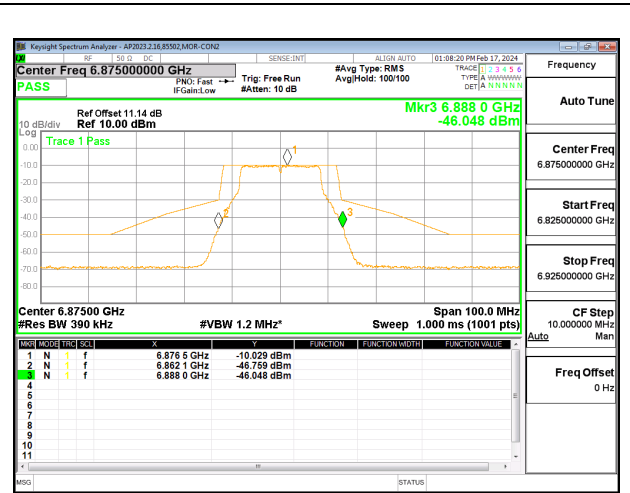


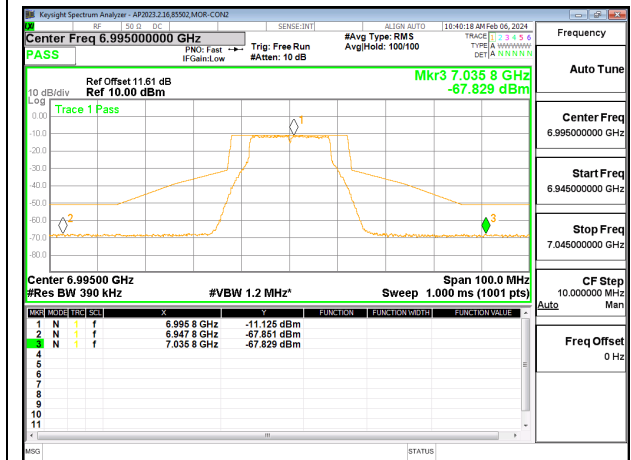
9.4.16. 802.11a MODE 2TX IN THE UNII-8 BAND
2TX CDD MODE:



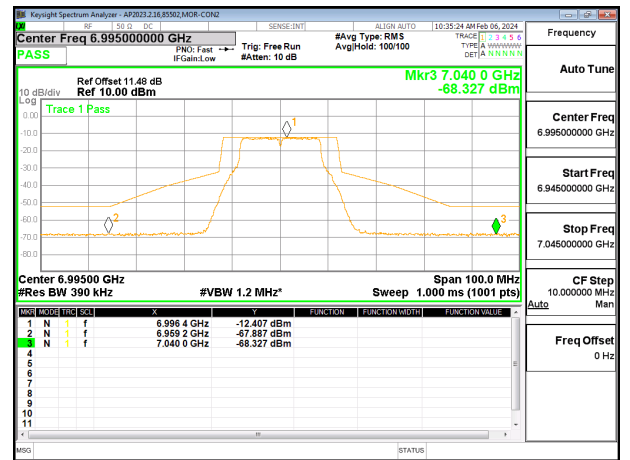
L STRADDLE CHAIN 0



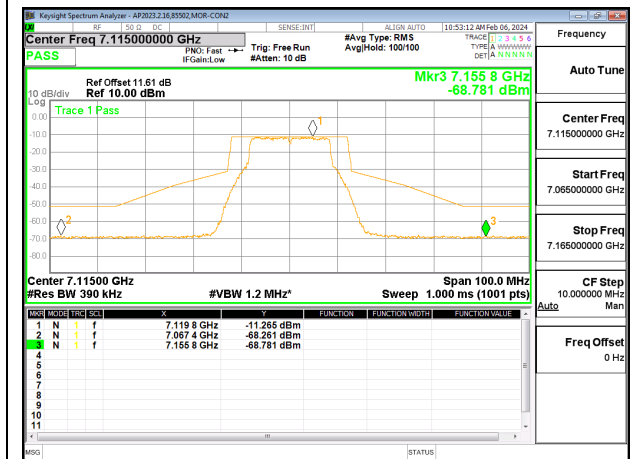
L STRADDLE CHAIN 1



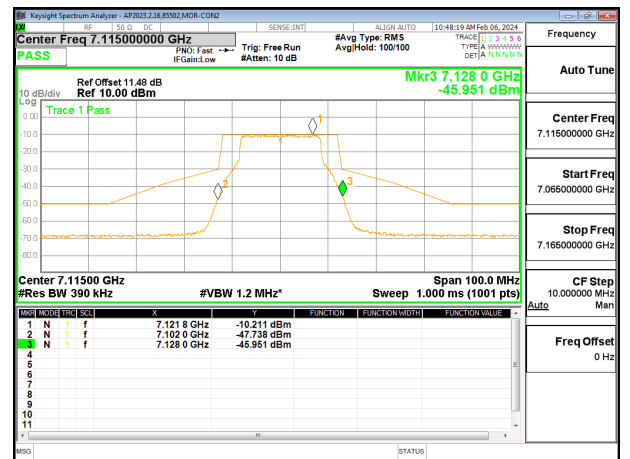
MID CHANNEL CHAIN 0



MID CHANNEL CHAIN 1

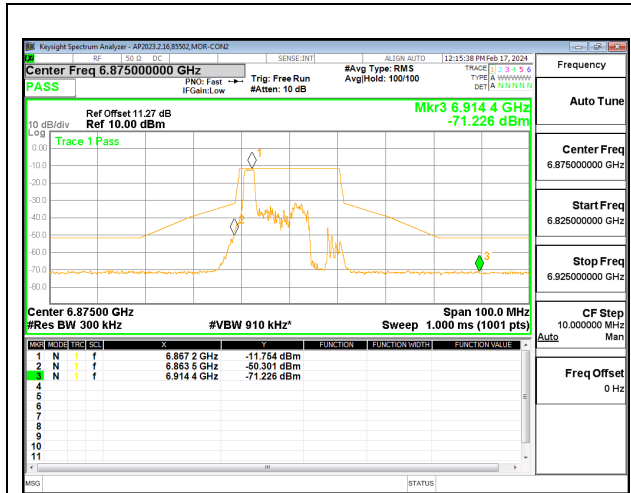


HIGH CHANNEL CHAIN 0

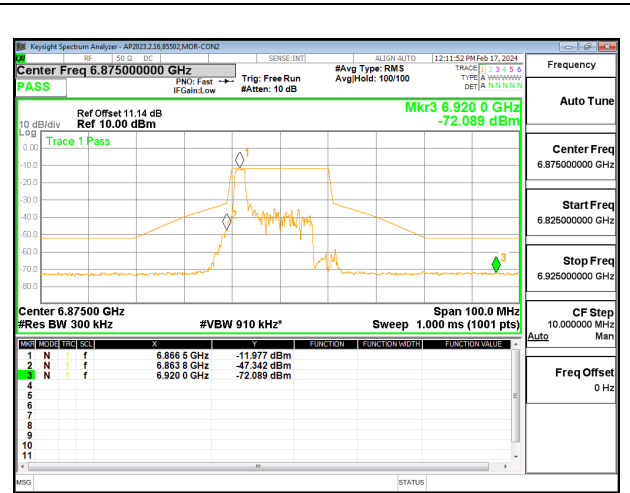


HIGH CHANNEL CHAIN 1

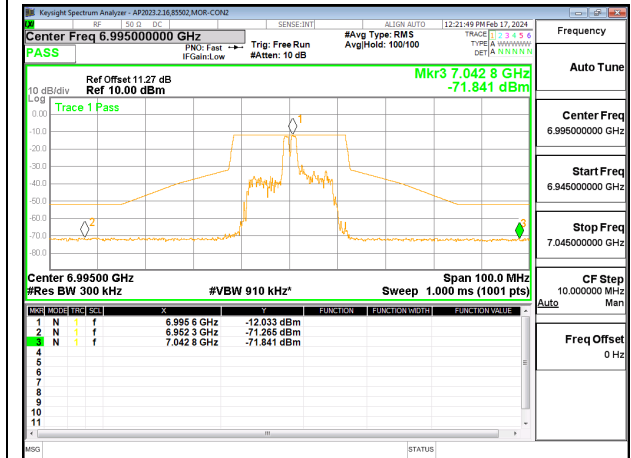
9.4.17. 802.11ax HE20 MODE 2TX IN THE UNII-8 BAND
2TX CDD MODE: 26T



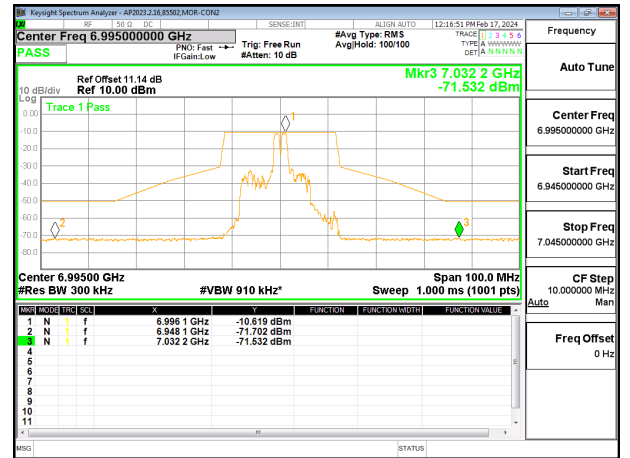
L STRADDLE CHAIN 0



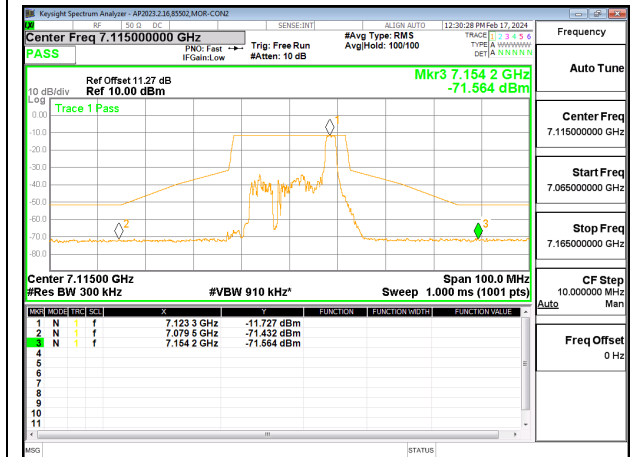
L STRADDLE CHAIN 1



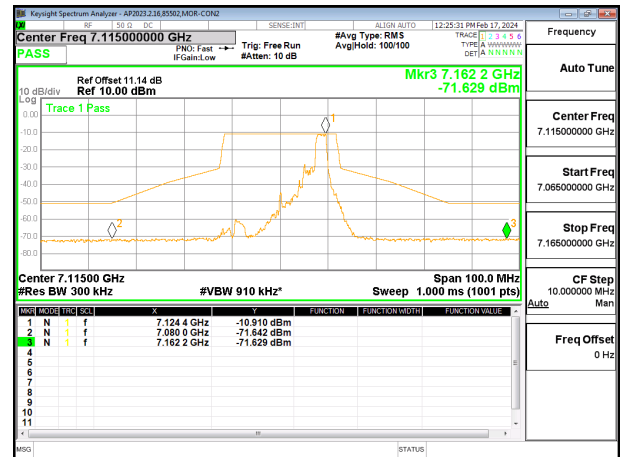
MID CHANNEL CHAIN 0



MID CHANNEL CHAIN 1

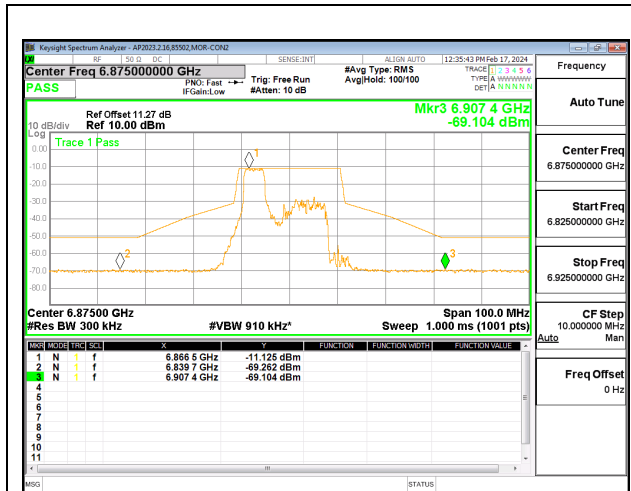


HIGH CHANNEL CHAIN 0

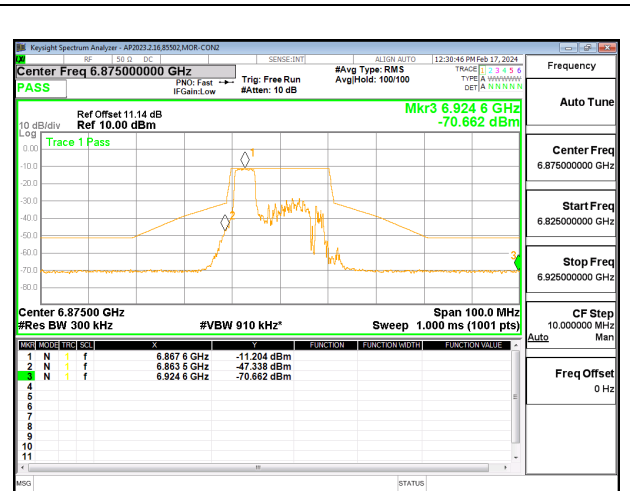


HIGH CHANNEL CHAIN 1

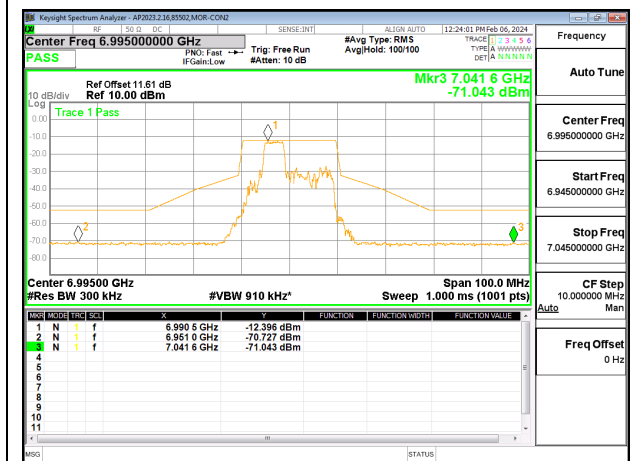
2TX CDD MODE: 52T



L STRADDLE CHAIN 0



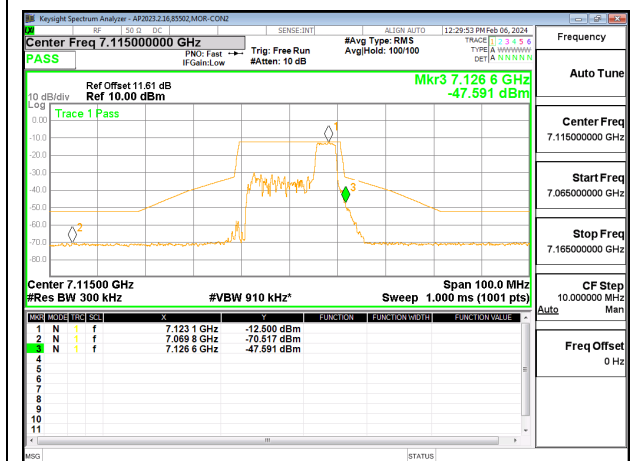
L STRADDLE CHAIN 1



MID CHANNEL CHAIN 0



MID CHANNEL CHAIN 1

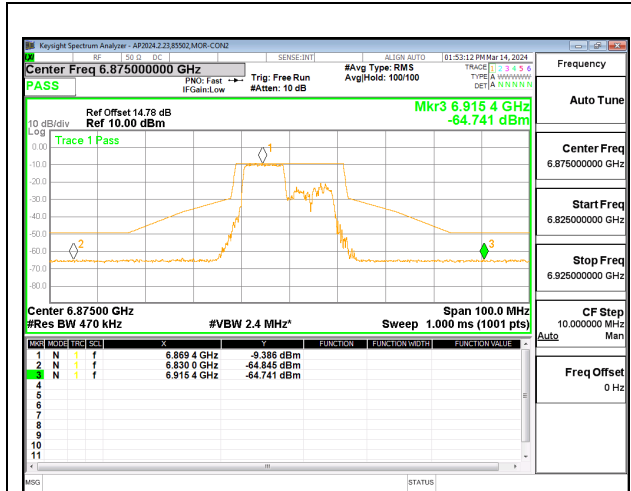


HIGH CHANNEL CHAIN 0

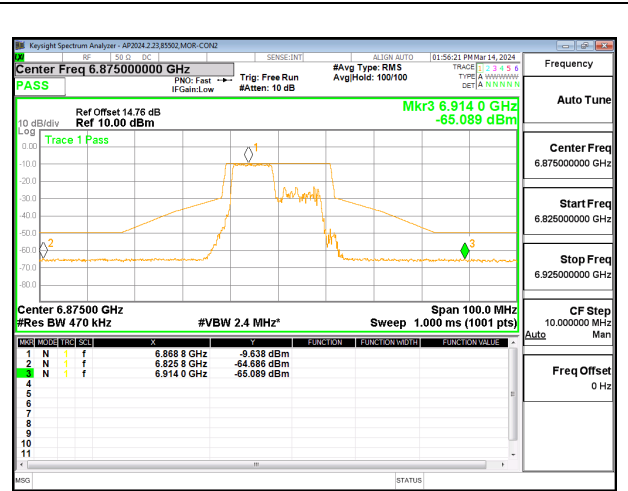


HIGH CHANNEL CHAIN 1

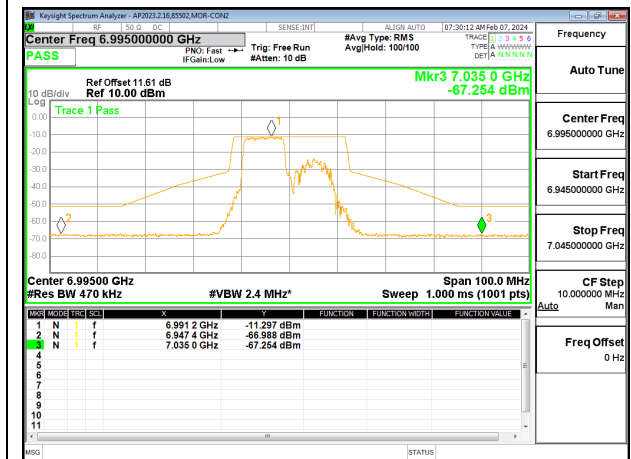
2TX CDD MODE: 106T



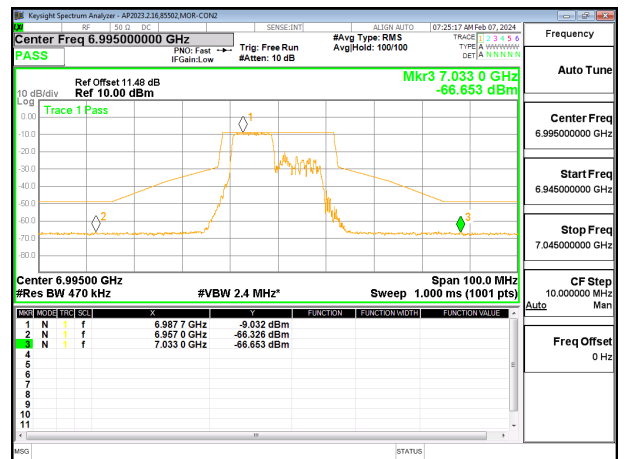
L STRADDLE CHAIN 0



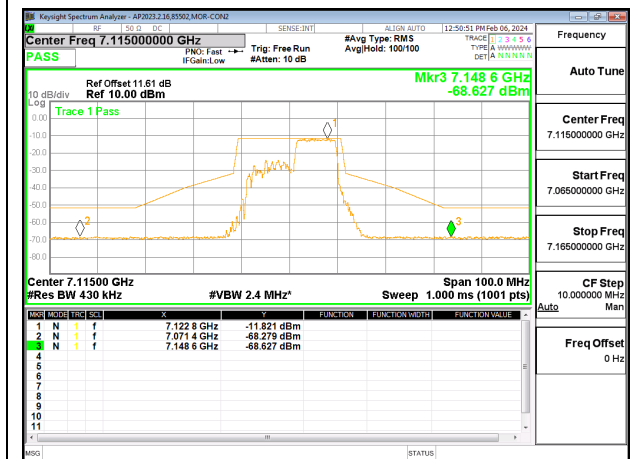
L STRADDLE CHAIN 1



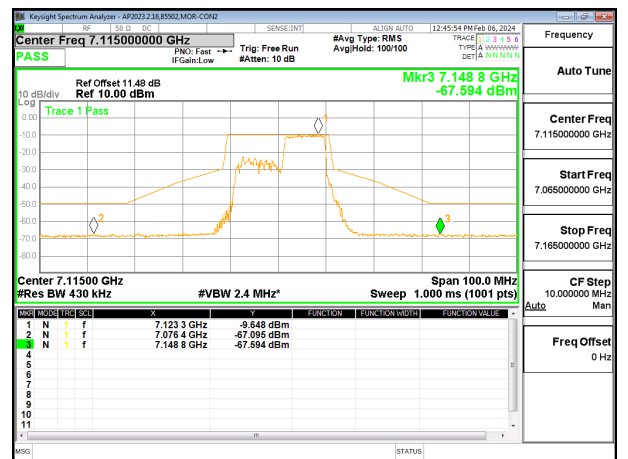
MID CHANNEL CHAIN 0



MID CHANNEL CHAIN 1

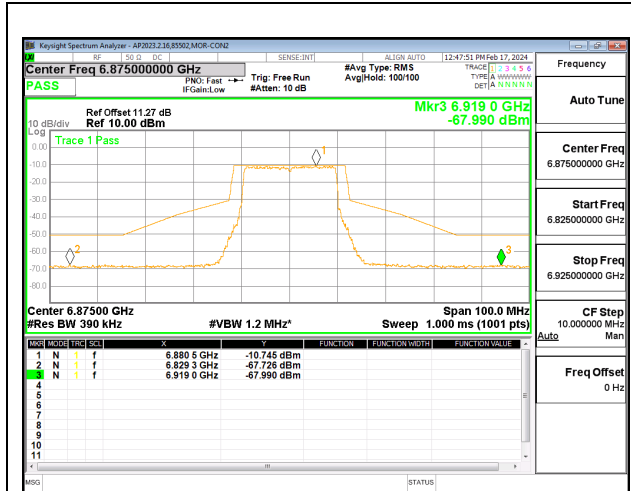


HIGH CHANNEL CHAIN 0

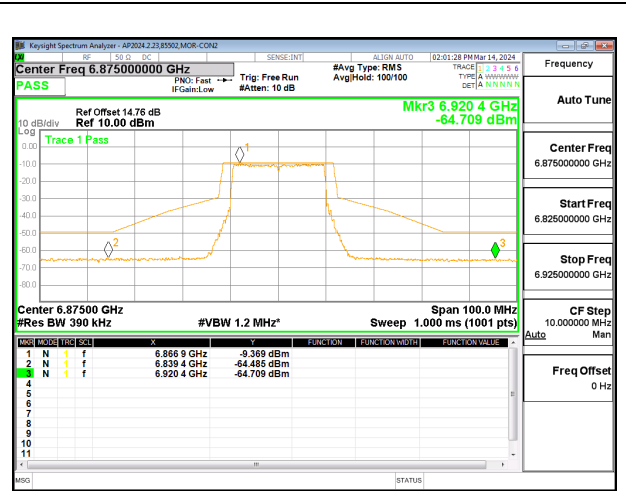


HIGH CHANNEL CHAIN 1

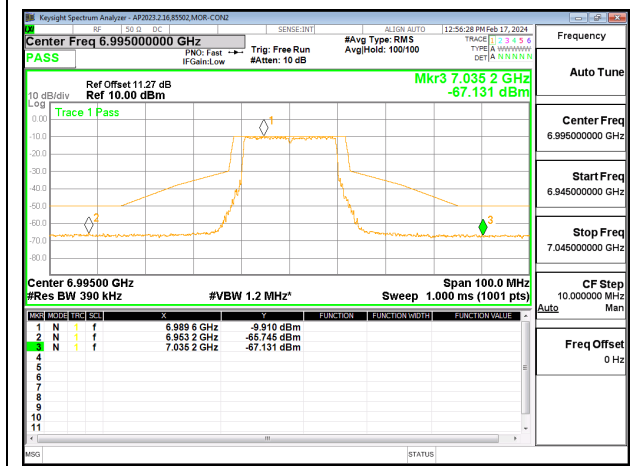
2TX CDD MODE: 242T



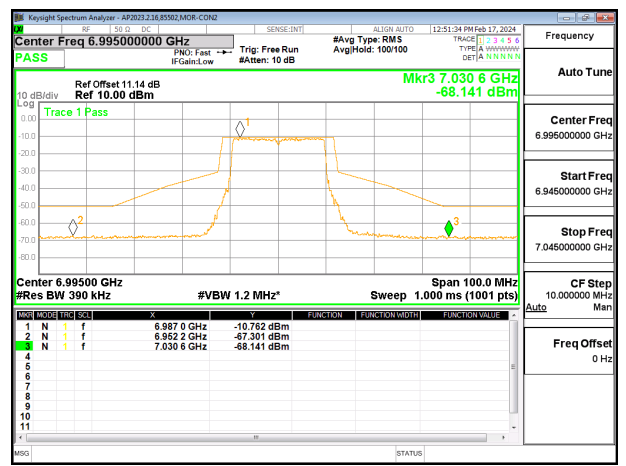
L STRADDLE CHAIN 0



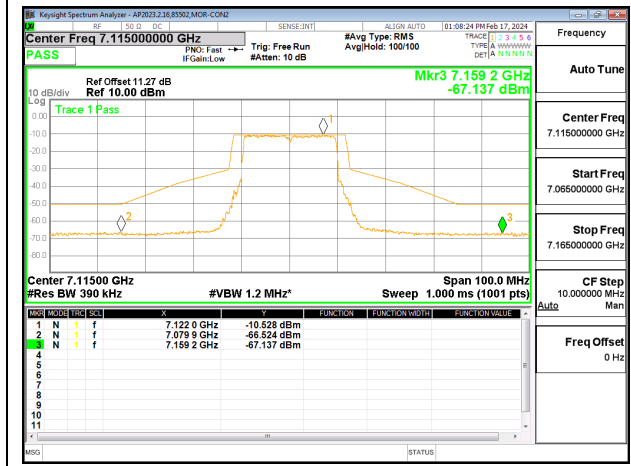
L STRADDLE CHAIN 1



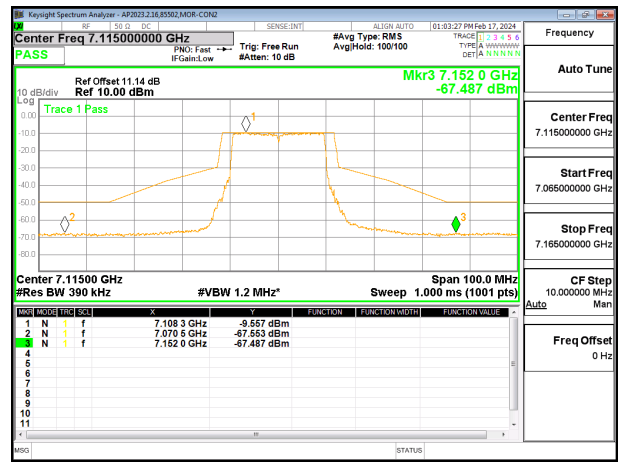
MID CHANNEL CHAIN 0



MID CHANNEL CHAIN 1

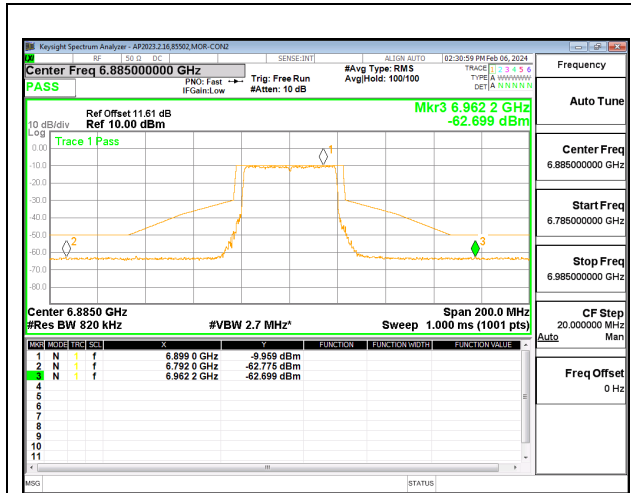


HIGH CHANNEL CHAIN 0

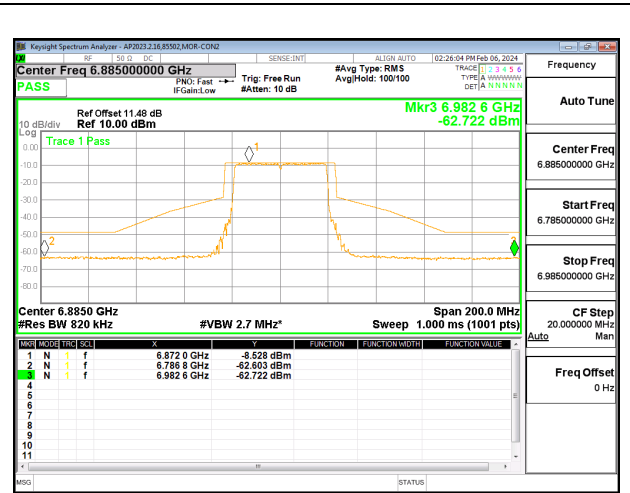


HIGH CHANNEL CHAIN 1

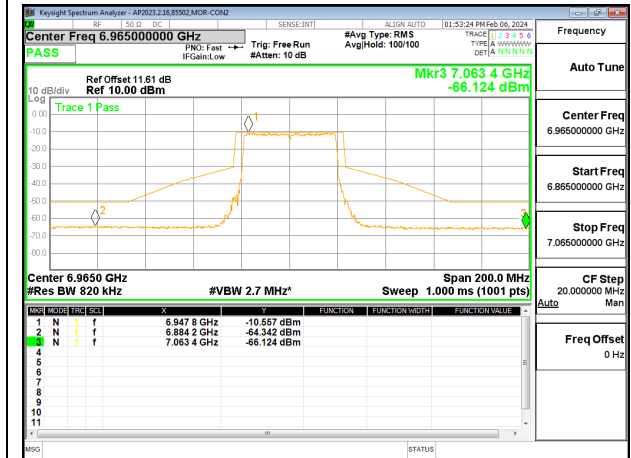
9.4.18. 802.11ax HE40 MODE 2TX IN THE UNII-8 BAND
2TX CDD MODE: 484T



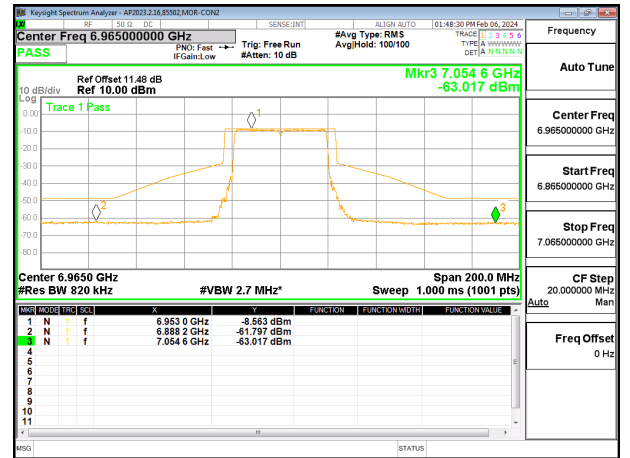
L STRADDLE CHAIN 0



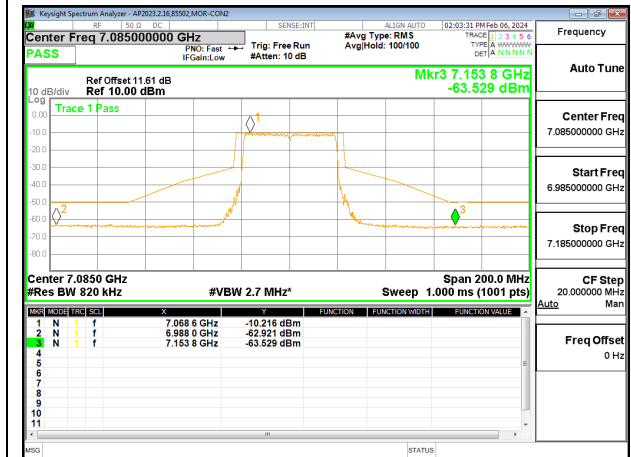
L STRADDLE CHAIN 1



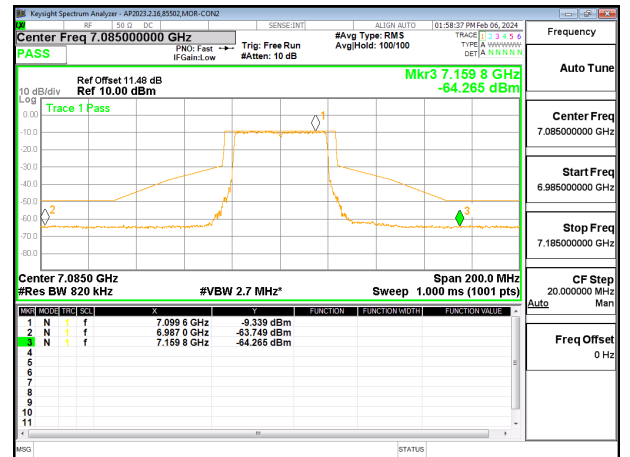
MID CHANNEL CHAIN 0



MID CHANNEL CHAIN 1

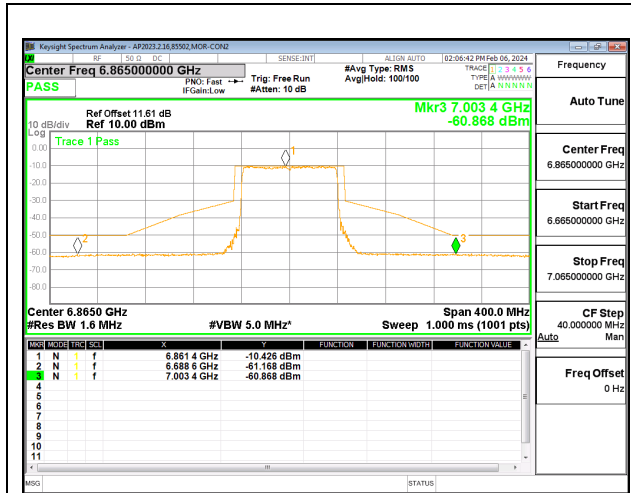


HIGH CHANNEL CHAIN 0

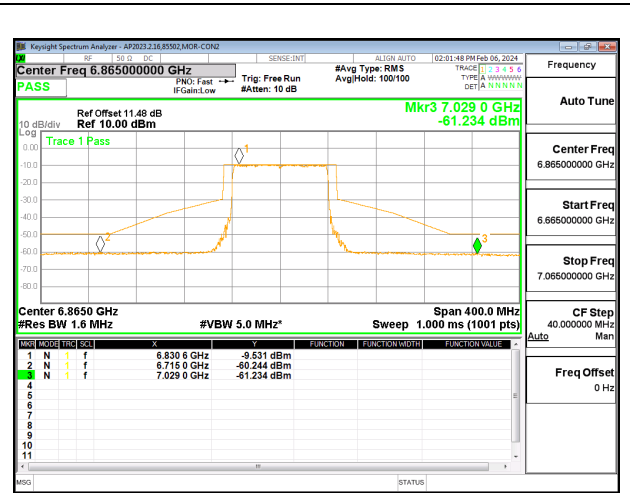


HIGH CHANNEL CHAIN 1

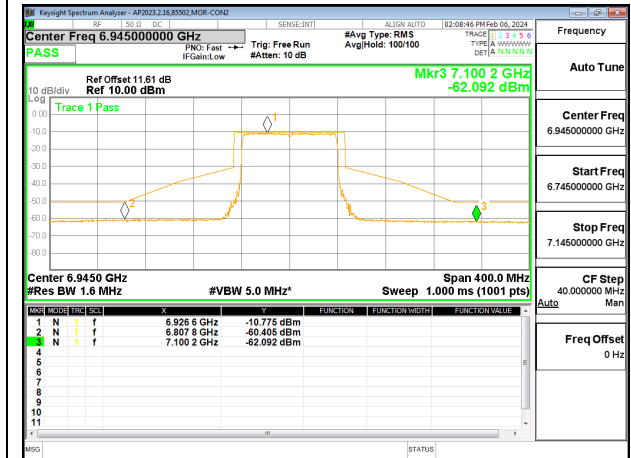
9.4.19. 802.11ax HE80 MODE 2TX IN THE UNII-8 BAND
2TXCDD MODE: 996T



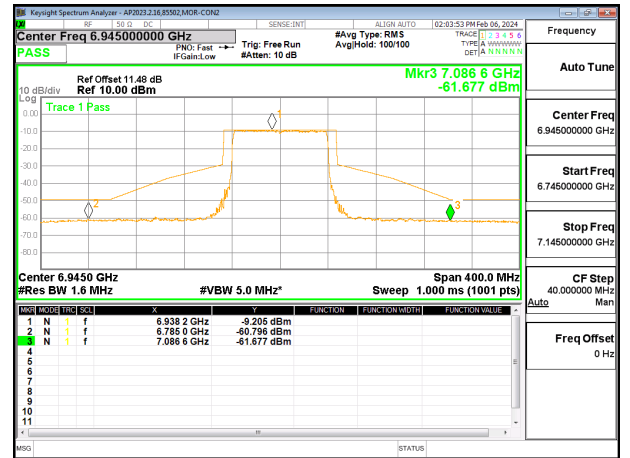
L STRADDLE CHAIN 0



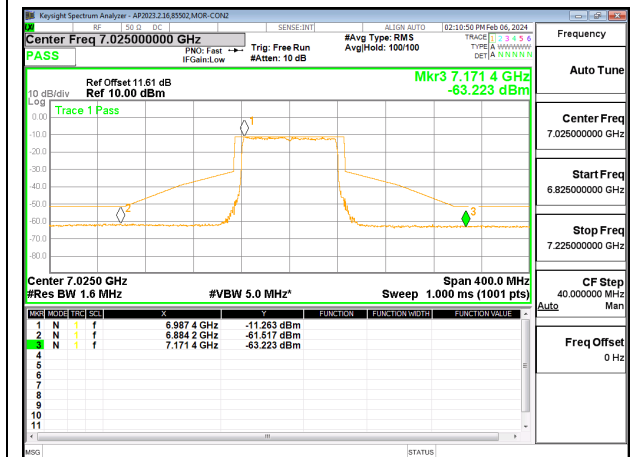
L STRADDLE CHAIN 1



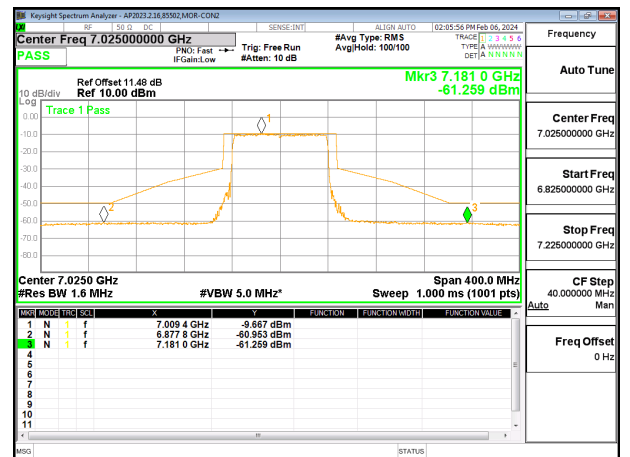
MID CHANNEL CHAIN 0



MID CHANNEL CHAIN 1

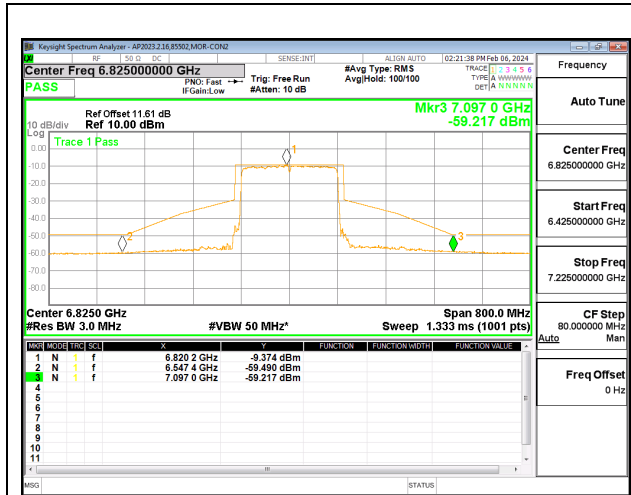


HIGH CHANNEL CHAIN 0

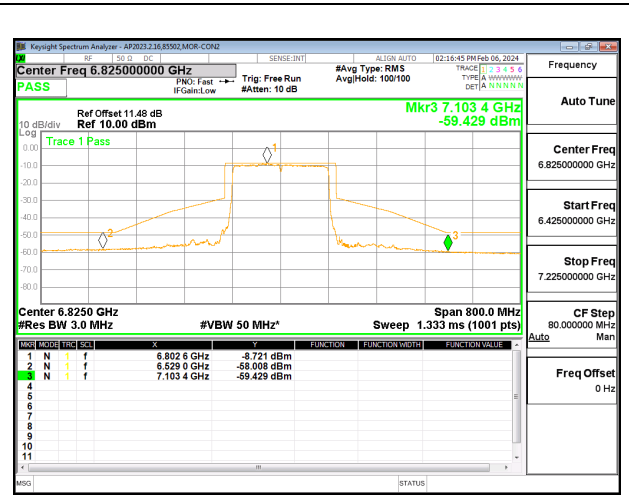


HIGH CHANNEL CHAIN 1

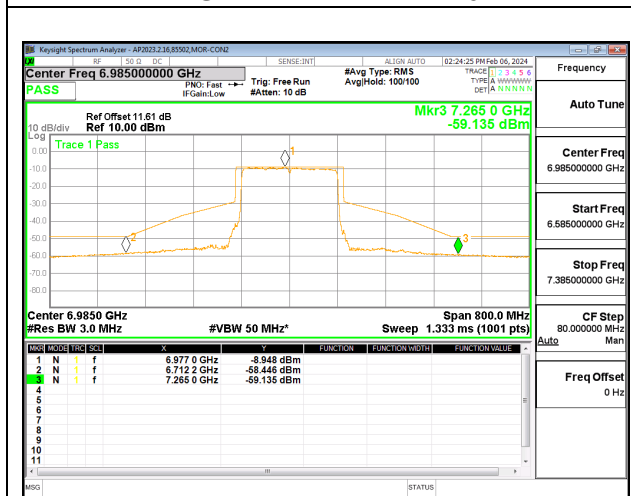
9.4.20. 802.11ax HE160 MODE 2TX IN THE UNII-8 BAND
2TX CDD MODE: 2x996T



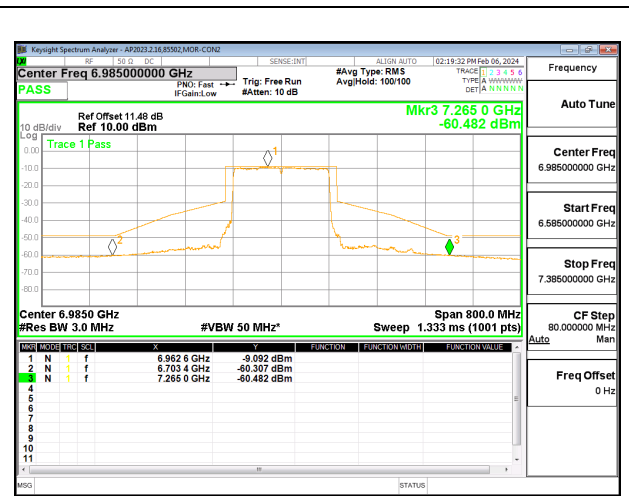
L STRADDLE CHAIN 0



L STRADDLE CHAIN 1



MID CHANNEL CHAIN 0



MID CHANNEL CHAIN 1

10. RADIATED TEST RESULTS

LIMITS

FCC §15.205 Restricted bands
§15.209 and FCC §15.407(b)(6) -Un-Restricted bands

Frequency Range (MHz)	Field Strength Limit (uV/m) at 3 m	Field Strength Limit (dBuV/m) at 3 m
30 - 88	100	40
88 - 216	150	43.5
216 - 960	200	46
Above 960	500	54

TEST PROCEDURE

The EUT is placed on a non-conducting table 80 cm above the ground plane for measurement below 1GHz; 1.5 m above the ground plane for measurement above 1GHz. The antenna to EUT distance is 3 meters. The EUT is configured in accordance with ANSI C63.10. The EUT is set to transmit in a continuous mode.

For measurements below 1 GHz the resolution bandwidth is set to 100 kHz for peak detection measurements or 120 kHz for quasi-peak detection measurements. Peak detection is used unless otherwise noted as quasi-peak.

For pre-scans above 1 GHz the resolution bandwidth is set to 1 MHz; the video bandwidth is set to 3MHz for peak measurements.

For final measurements above 1 GHz the resolution bandwidth is set to 1 MHz; the video bandwidth is set to 3 MHz for peak measurements and as applicable for average measurements.

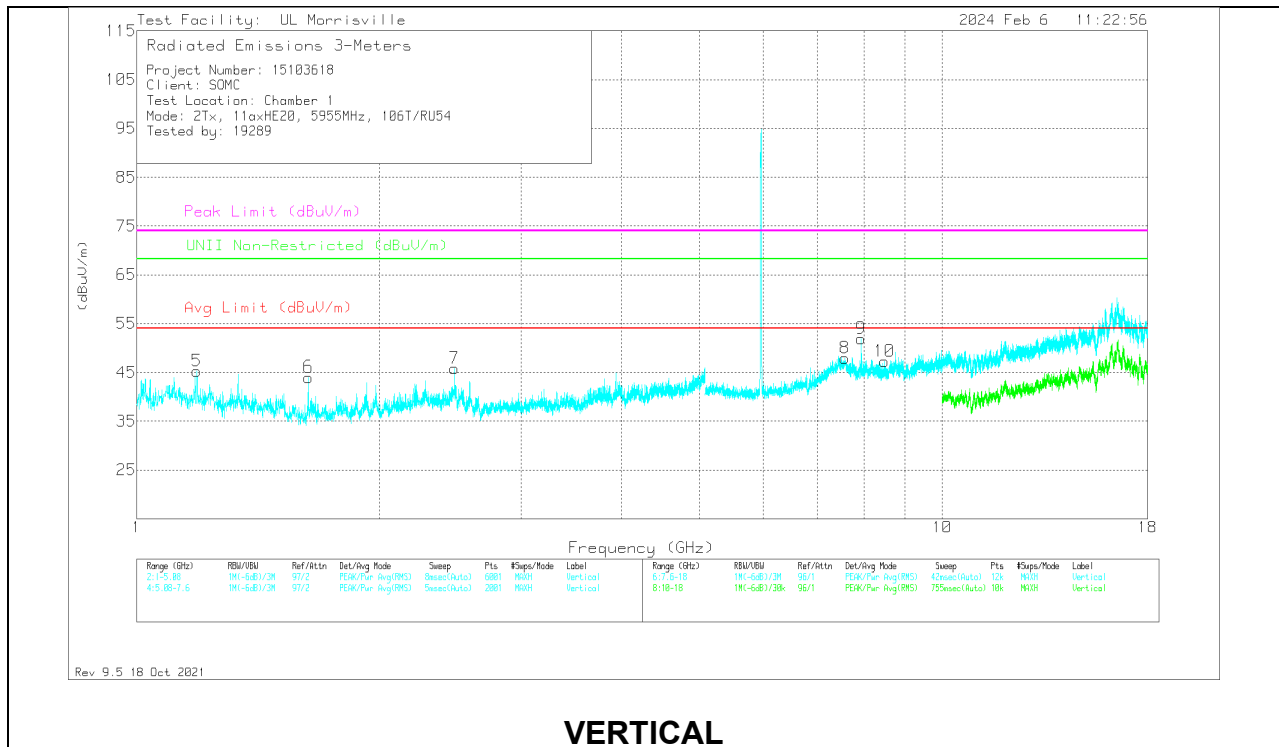
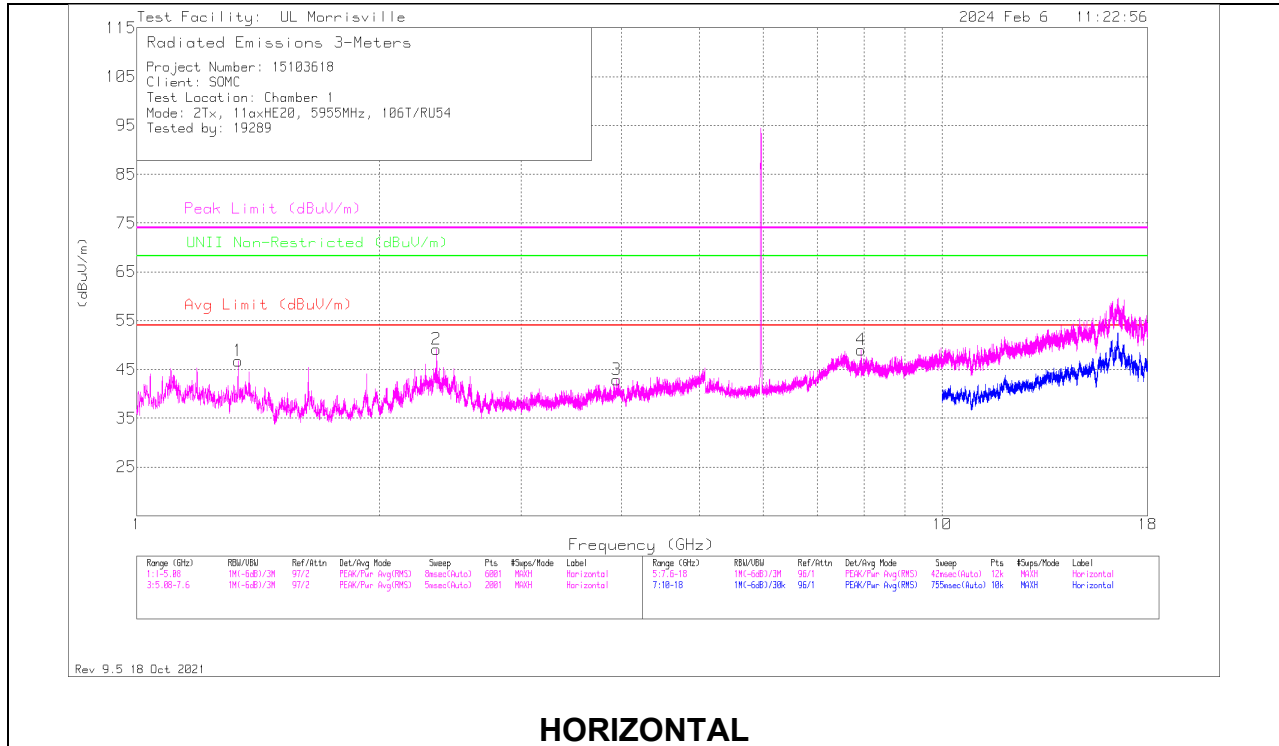
The spectrum from 30 MHz to 1GHz and 18GHz to 40 GHz is investigated with the transmitter set to transmit at the channel with highest power spectral density as worst-case scenario. 1GHz to 18GHz was set to the lowest, middle, and highest channels in the 5 GHz bands.

The frequency range of interest is monitored at a fixed antenna height and EUT azimuth. The EUT is rotated through 360 degrees to maximize emissions received. The antenna is scanned from 1 to 4 meters above the ground plane to further maximize the emission. Measurements are made with the antenna polarized in both the vertical and the horizontal positions.

NOTE: The limits in CFR 47, Part 15, Subpart C, paragraph 15.209(a), are identical to those in RSS-Gen section 8.9, Table 6, since the measurements are performed in terms of magnetic field strength and converted to electric field strength levels (as reported in the table), using the free space impedance of 377 Ohms. For example, the measurement at frequency X kHz resulted in a level of Y dBuV/m, which is equivalent to $Y - 51.5 = Z$ dBuA/m, which has the same margin, W dB, to the corresponding RSS-Gen Table 6 limit as it has to 15.209(a) limit.

10.1. TRANSMITTER OUTSIDE 5.925-7.125 GHz, 1-18 GHz

10.1.1. TX ABOVE 1 GHz 802.11ax HE20 MODE IN THE UNII-5 BAND 2TX CDD MODE: 106T HARMONICS AND SPURIOUS EMISSIONS LOW CHANNEL RESULTS



RADIATED EMISSIONS

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	206211 (dB/m)	Gain/Loss (dB)	Filter (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	*** 1.3366	52.52	Pk	28.9	-34.7	0	0	46.72	54	-7.28	74	-27.28	-	-	0-360	101	H
2	*** 2.35477	51.01	PK-U	32	-33.8	0	0	49.21	-	-	74	-24.79	-	-	199	138	H
	*** 2.35475	39.24	ADR	32	-33.8	0	.27	37.71	54	-16.29	-	-	-	-	199	138	H
3	*** 3.9444	40.84	Pk	33.4	-31.3	0	0	42.94	54	-11.06	74	-31.06	-	-	0-360	101	H
5	*** 1.18768	51.99	Pk	28.2	-34.9	0	0	45.29	54	-8.71	74	-28.71	-	-	0-360	101	V
8	*** 7.57606	28.38	Pk	35.7	-16.2	0	0	47.88	54	-6.12	74	-26.12	-	-	0-360	200	V
6	1.63308	49.61	Pk	28.4	-34	0	0	44.01	-	-	-	-	68.2	-24.19	0-360	101	V
7	2.479	47.42	Pk	32.3	-33.9	0	0	45.82	-	-	-	-	68.2	-22.38	0-360	101	V
10	*** 8.48227	37.59	Pk	35.8	-26.6	.5	0	47.29	54	-6.71	74	-26.71	-	-	0-360	101	V
4	7.93973	39.7	Pk	35.8	-27.3	.8	0	49	-	-	-	-	68.2	-19.2	0-360	101	H
9	7.93973	42.61	Pk	35.8	-27.3	.8	0	51.91	-	-	-	-	68.2	-16.29	0-360	101	V

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

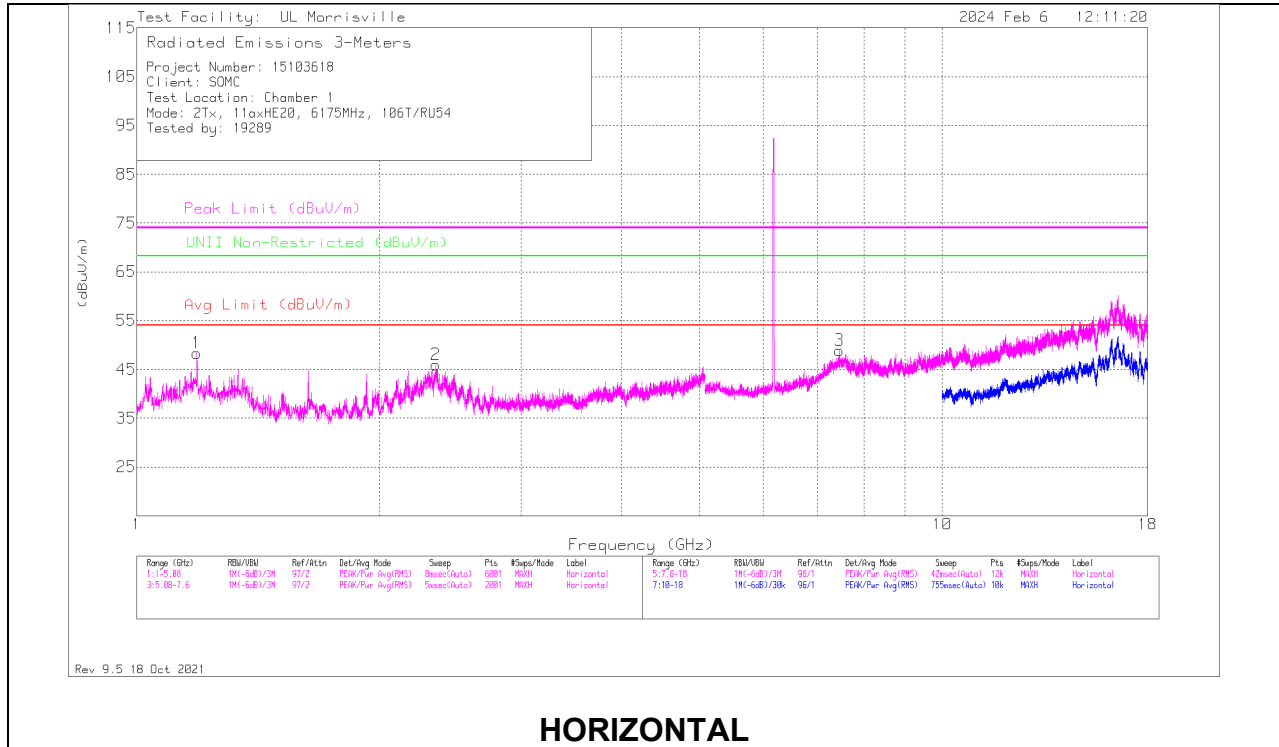
** - indicates frequency in Taiwan NCC LP0002 Restricted Band

Pk - Peak detector

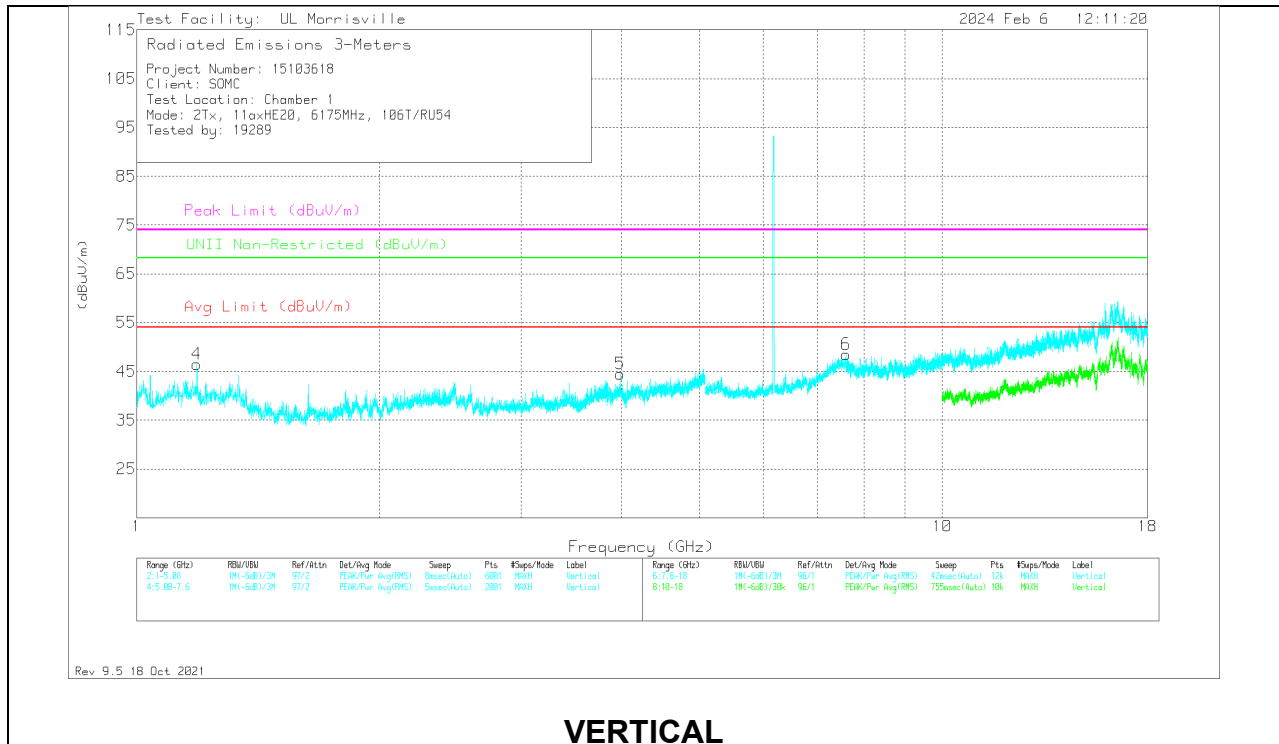
PK-U - U-NII: Maximum Peak

ADR - RMS average

MID CHANNEL RESULTS



HORIZONTAL



VERTICAL

RADIATED EMISSIONS

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	206211 (dB/m)	Gain/Loss (dB)	Filter (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	*** 1.188	52.61	PK-U	28.2	-34.9	0	0	45.91	-	-	74	-28.09	195	195	H
	*** 1.18811	39.96	ADR	28.2	-34.9	0	.27	33.53	54	-20.47	-	-	195	195	H
2	*** 2.35184	47.74	Pk	32	-33.8	0	0	45.94	54	-8.06	74	-28.06	0-360	101	H
4	*** 1.18768	53.16	Pk	28.2	-34.9	0	0	46.46	54	-7.54	74	-27.54	0-360	101	V
5	*** 3.98316	42.53	Pk	33.4	-31.5	0	0	44.43	54	-9.57	74	-29.57	0-360	101	V
3	*** 7.4594	30.06	PK-U	35.7	-16.9	0	0	48.86	-	-	74	-25.14	287	323	H
	*** 7.45879	18.35	ADR	35.7	-16.9	0	.27	37.42	54	-16.58	-	-	287	323	H
6	*** 7.59395	29.94	PK-U	35.7	-16.1	0	0	49.54	-	-	74	-24.46	320	124	V
	*** 7.59485	18.6	ADR	35.7	-16.1	0	.27	38.47	54	-15.53	-	-	320	124	V

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

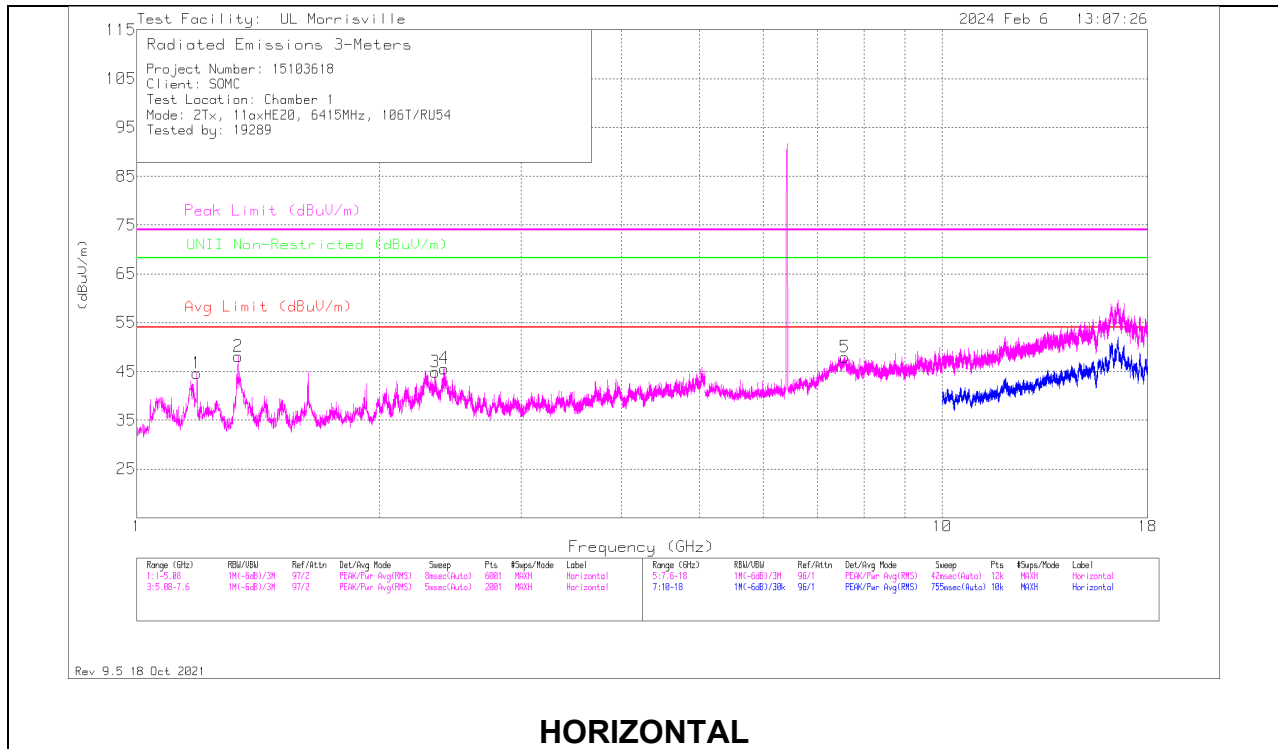
** - indicates frequency in Taiwan NCC LP0002 Restricted Band

Pk - Peak detector

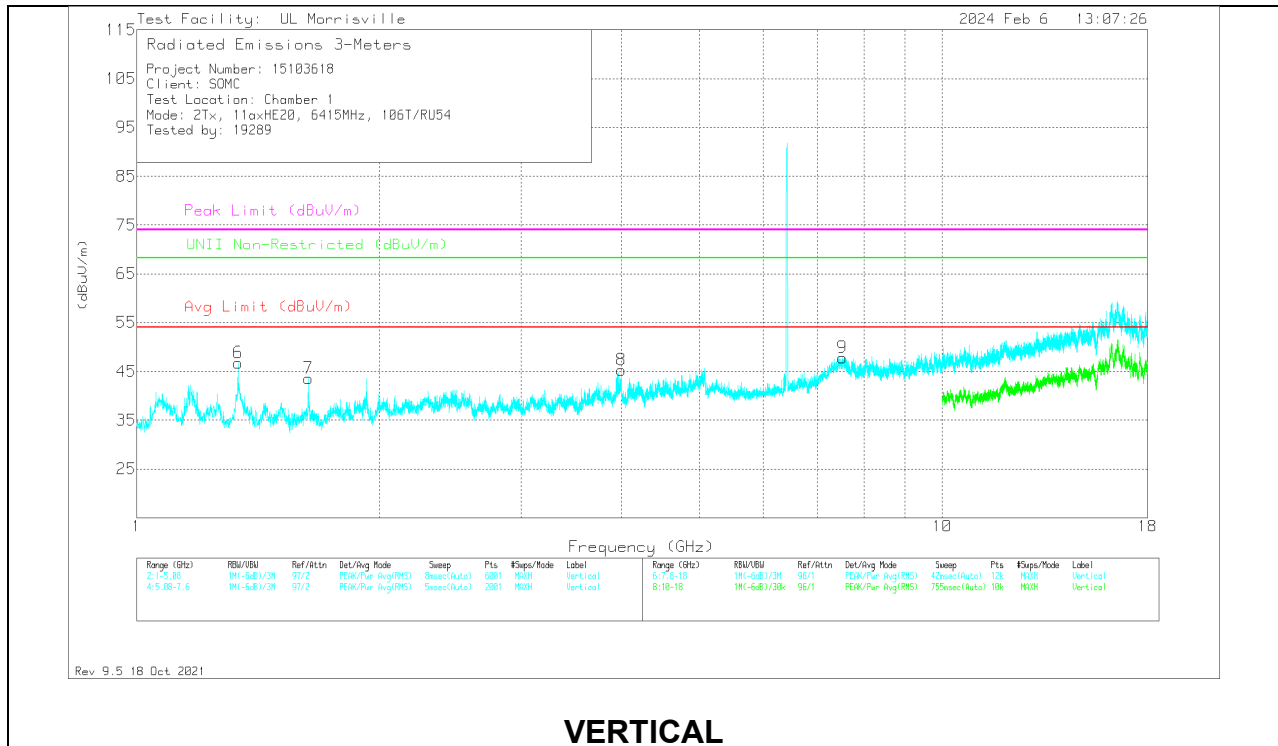
PK-U - Maximum Peak

ADR - RMS average

HIGH CHANNEL RESULTS



HORIZONTAL



VERTICAL

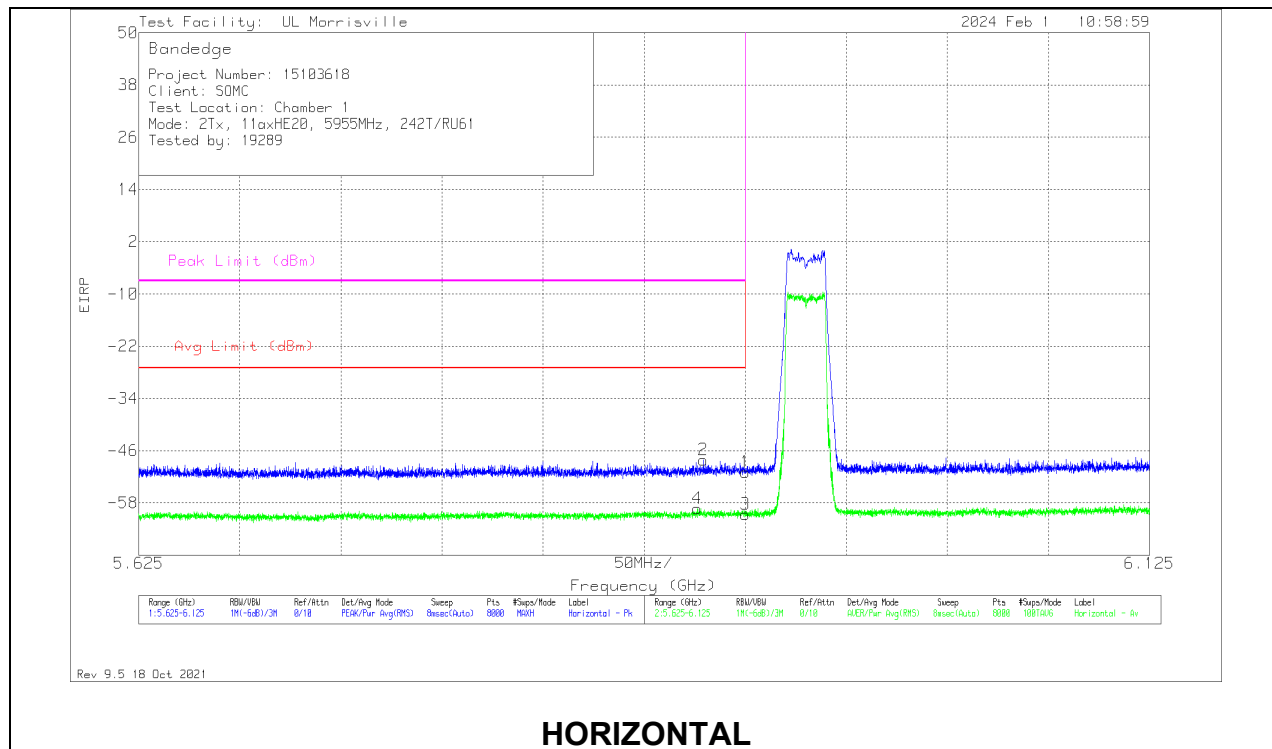
RADIATED EMISSIONS

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	206211 (dB/m)	Gain/Loss (dB)	Filter (dB)	DC Corr (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)	Polarit y
1	* ** 1.18768	51.32	Pk	28.2	-34.9	0	0	44.62	54	-9.38	74	-29.38	-	-	0-360	200	H
2	* ** 1.33658	60.99	PK-U	28.9	-34.7	0	0	55.19	-	-	74	-18.81	-	-	293	135	H
	* ** 1.33653	53.35	ADR	28.9	-34.7	0	.27	47.82	54	-6.18	-	-	-	-	293	135	H
3	* ** 2.3464	46.83	Pk	32	-33.9	0	0	44.93	54	-9.07	74	-29.07	-	-	0-360	101	H
6	* ** 1.33592	52.59	Pk	28.9	-34.7	0	0	46.79	54	-7.21	74	-27.21	-	-	0-360	200	V
8	* ** 3.9954	43.5	Pk	33.4	-31.6	0	0	45.3	54	-8.7	74	-28.7	-	-	0-360	101	V
5	* ** 7.57354	28.39	Pk	35.7	-16.2	0	0	47.89	54	-6.11	74	-26.11	-	-	0-360	200	H
9	* ** 7.52818	28.48	Pk	35.6	-16.3	0	0	47.78	54	-6.22	74	-26.22	-	-	0-360	101	V
7	1.63308	49.12	Pk	28.4	-34	0	0	43.52	-	-	-	-	68.2	-24.68	0-360	101	V
4	2.41032	47.4	Pk	32.1	-33.9	0	0	45.6	-	-	-	-	68.2	-22.6	0-360	200	H

* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band
 ** - indicates frequency in Taiwan NCC LP0002 Restricted Band
 Pk - Peak detector
 PK-U - Maximum Peak
 ADR - RMS average

2TX CDD MODE: 242T
BANDEGE EMISSIONS

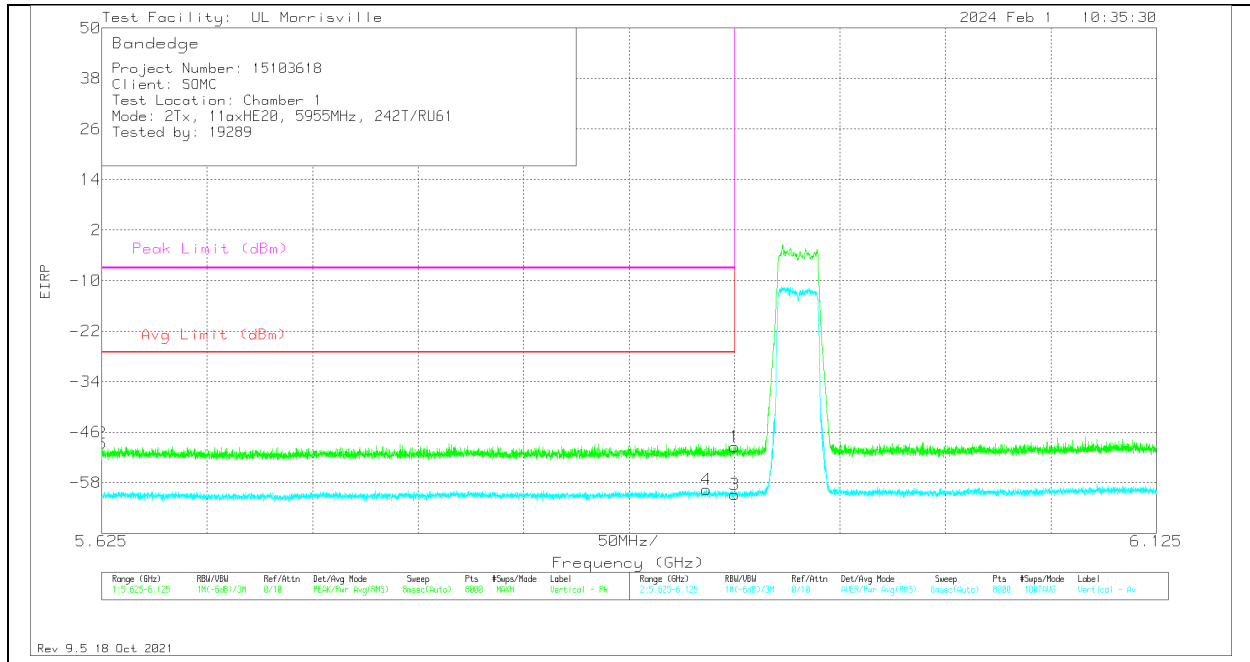
LOW CHANNEL RESULTS



HORIZONTAL

Marker	Frequency (GHz)	Meter Reading (dBm)	Det	206211 (dB/m)	Gain/Loss (dB)	Conversion Factor (dB)	DC Corr (dB)	Corrected Reading EIRP	Avg Limit (dBm)	RMS Margin (dB)	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
4	5.90129	-83.77	RMS	34.9	-22.5	11.8	.25	-59.32	-27	-32.32	-	-	173	298	H
2	5.90416	-72.45	Pk	35	-22.5	11.8	0	-48.15	-	-	-7	-41.15	173	298	H
1	5.92498	-75.21	Pk	35	-22.6	11.8	0	-51.01	-	-	-7	-44.01	173	298	H
3	5.92498	-85.16	RMS	35	-22.6	11.8	.25	-60.71	-27	-33.71	-	-	173	298	H

Pk - Peak detector
 RMS - RMS detection



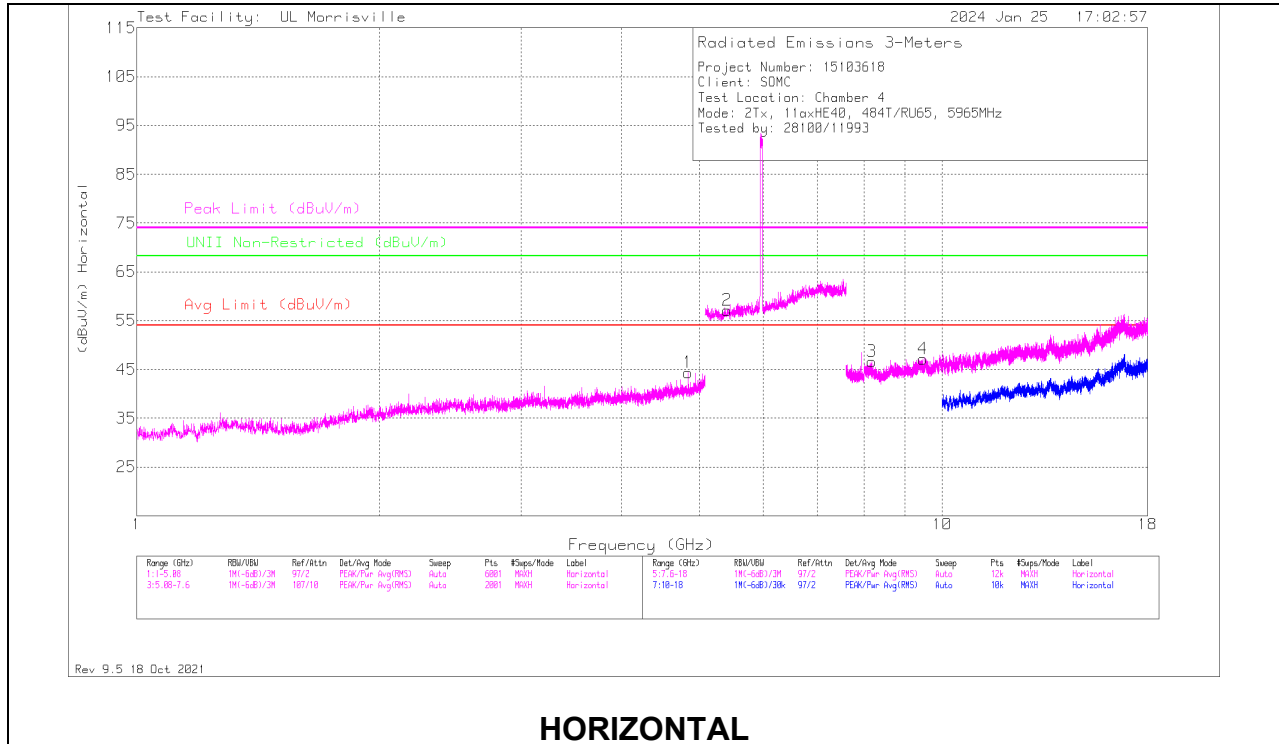
VERTICAL

Marker	Frequency (GHz)	Meter Reading (dBm)	Det	206211 (dB/m)	Gain/Loss (dB)	Conversion Factor (dB)	DC Corr (dB)	Corrected Reading EIRP	Avg Limit (dBm)	Margin (dB)	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
2	5.62506	-71.76	Pk	34.4	-23	11.8	0	-48.56	-	-	-7	-41.56	207	317	V
4	5.91179	-84.03	RMS	35	-22.7	11.8	.25	-59.68	-27	-32.68	-	-	207	317	V
1	5.92498	-73.69	Pk	35	-22.6	11.8	0	-49.49	-	-	-7	-42.49	207	317	V
3	5.92498	-85.2	RMS	35	-22.6	11.8	.25	-60.75	-27	-33.75	-	-	207	317	V

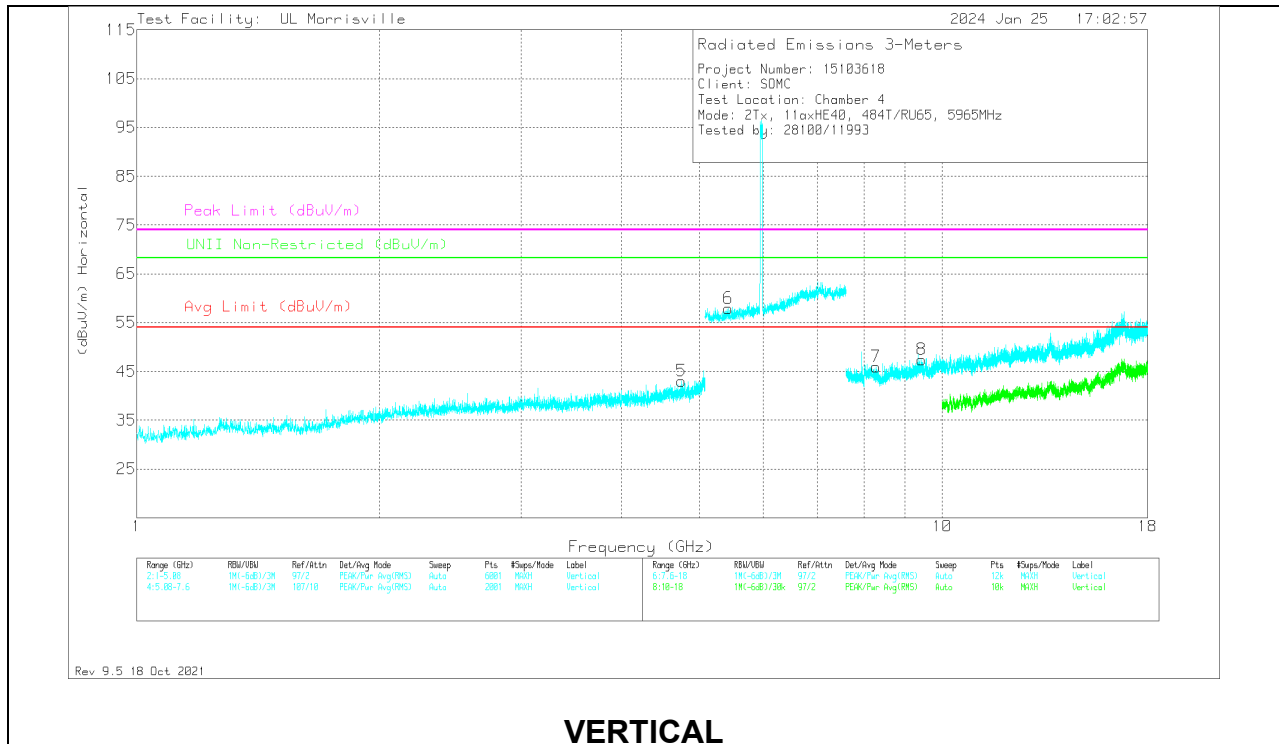
Pk - Peak detector
 RMS - RMS detection

10.1.2. TX ABOVE 1 GHz 802.11ax HE40 MODE IN THE UNII-5 BAND
2TX CDD MODE: 484T
HARMONICS AND SPURIOUS EMISSIONS

LOW CHANNEL RESULTS



HORIZONTAL



VERTICAL

RADIATED EMISSIONS

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	89509 ACF (dB/m)	Gain/Loss (dB)	Filter (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	*** 4.84064	41.25	Pk	34.1	-31	0	0	44.35	54	-9.65	74	-29.65	0-360	100	H
5	*** 4.74544	40.2	Pk	34	-31.2	0	0	43	54	-11	74	-31	0-360	200	V
2	*** 5.41228	33.26	PK2	34.6	-8.9	0	0	58.96	-	-	74	-15.04	265	149	H
	*** 5.41094	21.78	ADR	34.6	-8.9	0	.29	47.77	54	-6.23	-	-	265	149	H
6	*** 5.42907	33.39	PK2	34.6	-8.8	0	0	59.19	-	-	74	-14.81	292	116	V
	*** 5.42841	21.65	ADR	34.6	-8.8	0	.29	47.74	54	-6.26	-	-	292	116	V
3	*** 8.18067	37.45	Pk	35.8	-27.5	.9	0	46.65	54	-7.35	74	-27.35	0-360	100	H
7	*** 8.2864	36.6	Pk	35.8	-27.2	.7	0	45.9	54	-8.1	74	-28.1	0-360	200	V
8	*** 9.43993	36.2	Pk	36.7	-25.8	.3	0	47.4	54	-6.6	74	-26.6	0-360	200	V
4	*** 9.47113	36.05	Pk	36.7	-25.9	.3	0	47.15	54	-6.85	74	-26.85	0-360	100	H

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

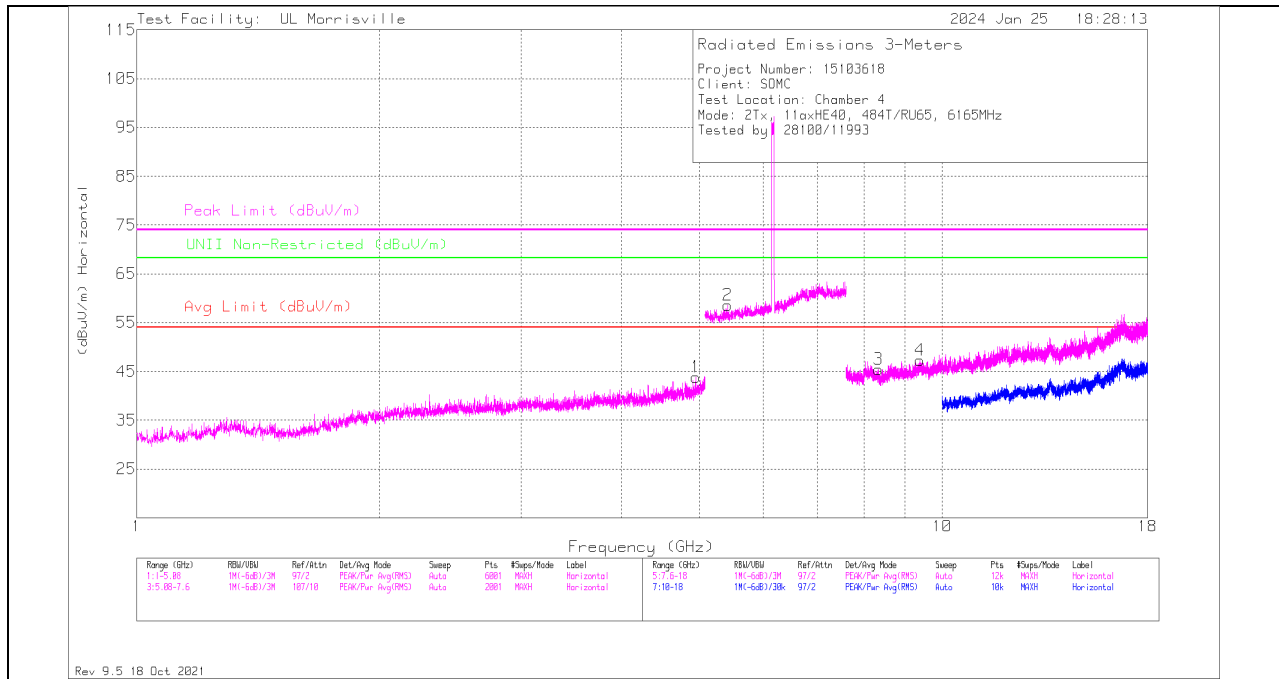
** - indicates frequency in Taiwan NCC LP0002 Restricted Band

Pk - Peak detector

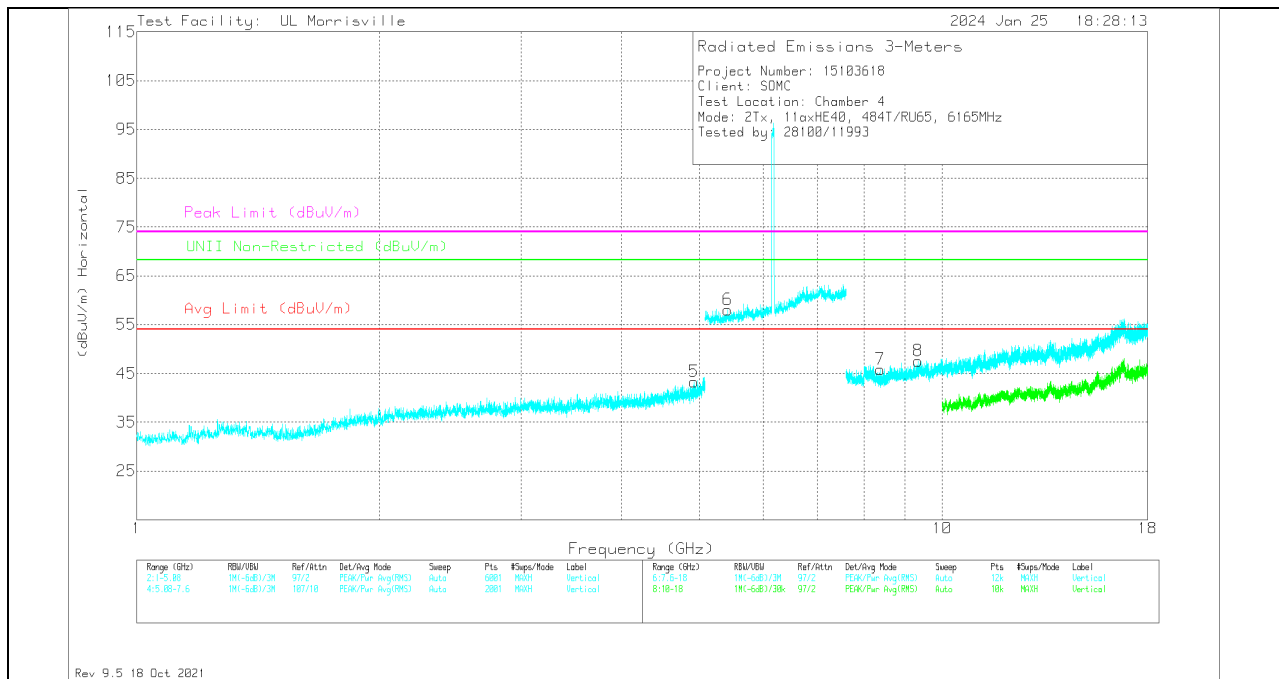
PK2 - Maximum Peak

ADR - RMS average

MID CHANNEL RESULTS



HORIZONTAL



VERTICAL

RADIATED EMISSIONS

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	89509 ACF (dB/m)	Gain/Loss (dB)	Filter (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	*** 4.94332	40.17	Pk	33.9	-30.2	0	0	43.87	54	-10.13	74	-30.13	0-360	100	H
5	*** 4.92224	40.34	Pk	34	-31.1	0	0	43.24	54	-10.76	74	-30.76	0-360	200	V
2	*** 5.41785	33.46	PK2	34.6	-8.8	0	0	59.26	-	-	74	-14.74	200	227	H
	*** 5.41738	21.7	ADR	34.6	-8.8	0	.29	47.79	54	-6.21	-	-	200	227	H
6	*** 5.41757	33.61	PK2	34.6	-8.8	0	0	59.41	-	-	74	-14.59	354	309	V
	*** 5.41581	21.61	ADR	34.6	-8.8	0	.29	47.7	54	-6.3	-	-	354	309	V
3	*** 8.3436	36.12	Pk	35.8	-27	.5	0	45.42	54	-8.58	74	-28.58	0-360	100	H
7	*** 8.37567	36.55	Pk	35.8	-27	.4	0	45.75	54	-8.25	74	-28.25	0-360	200	V
8	*** 9.33333	36.32	Pk	36.5	-25.6	.3	0	47.52	54	-6.48	74	-26.48	0-360	200	V
4	*** 9.38013	35.94	Pk	36.6	-25.7	.4	0	47.24	54	-6.76	74	-26.76	0-360	100	H

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

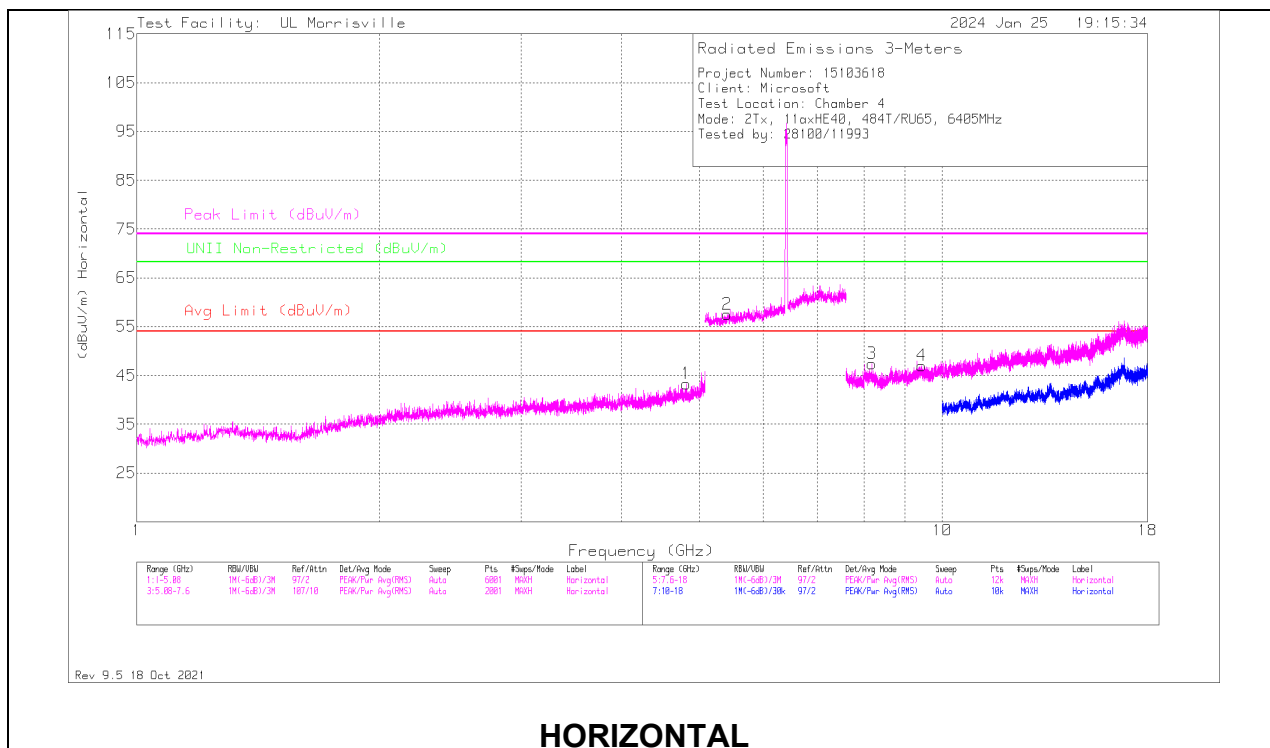
** - indicates frequency in Taiwan NCC LP0002 Restricted Band

Pk - Peak detector

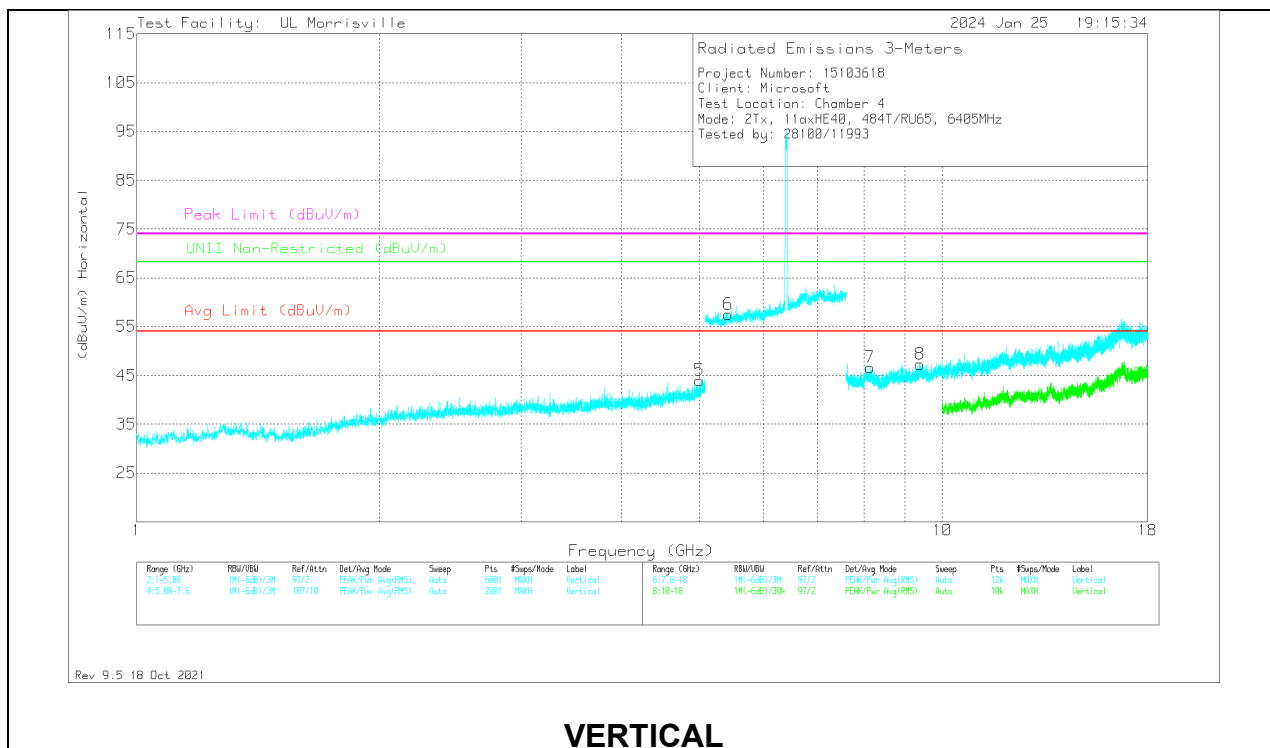
PK2 - Maximum Peak

ADR - RMS average

HIGH CHANNEL RESULTS



HORIZONTAL



VERTICAL

RADIATED EMISSIONS

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	89509 ACF (dB/m)	Gain/Loss (dB)	Filter (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	*** 4.80936	39.66	Pk	34.1	-30.5	0	0	43.26	54	-10.74	74	-30.74	0-360	100	H
5	*** 4.995	40.13	Pk	34.1	-30.3	0	0	43.93	54	-10.07	74	-30.07	0-360	200	V
2	*** 5.40729	33.01	PK2	34.6	-8.8	0	0	58.81	-	-	74	-15.19	229	250	H
	*** 5.40909	21.62	ADR	34.6	-8.8	0	.29	47.71	54	-6.29	-	-	229	250	H
6	*** 5.42788	33.12	PK2	34.6	-8.8	0	0	58.92	-	-	74	-15.08	101	383	V
	*** 5.42927	21.61	ADR	34.6	-8.8	0	.29	47.7	54	-6.3	-	-	101	383	V
7	*** 8.1408	37.65	Pk	35.8	-27.7	.8	0	46.55	54	-7.45	74	-27.45	0-360	200	V
3	*** 8.1798	38.18	Pk	35.8	-27.5	.9	0	47.38	54	-6.62	74	-26.62	0-360	300	H
8	*** 9.3836	36.11	Pk	36.6	-25.8	.4	0	47.31	54	-6.69	74	-26.69	0-360	200	V
4	*** 9.43993	35.81	Pk	36.7	-25.8	.3	0	47.01	54	-6.99	74	-26.99	0-360	300	H

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

** - indicates frequency in Taiwan NCC LP0002 Restricted Band

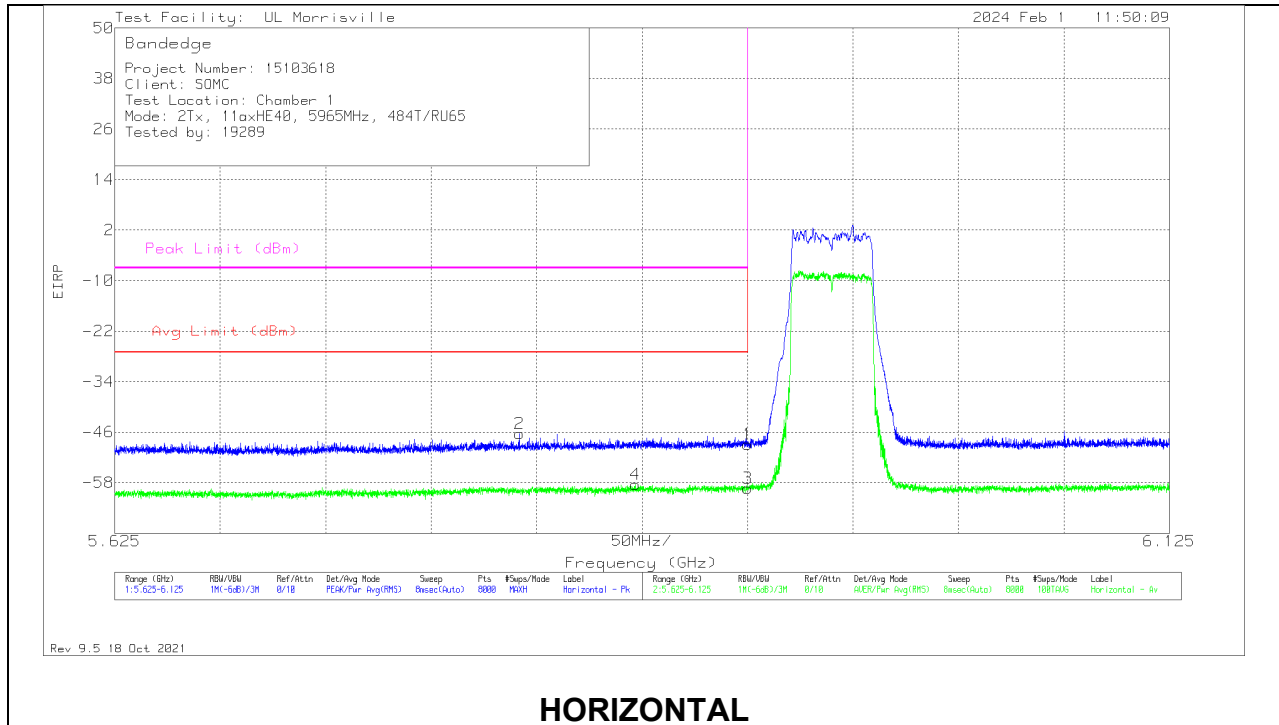
Pk - Peak detector

PK2 - Maximum Peak

ADR - RMS average

BANDEDGE EMISSIONS

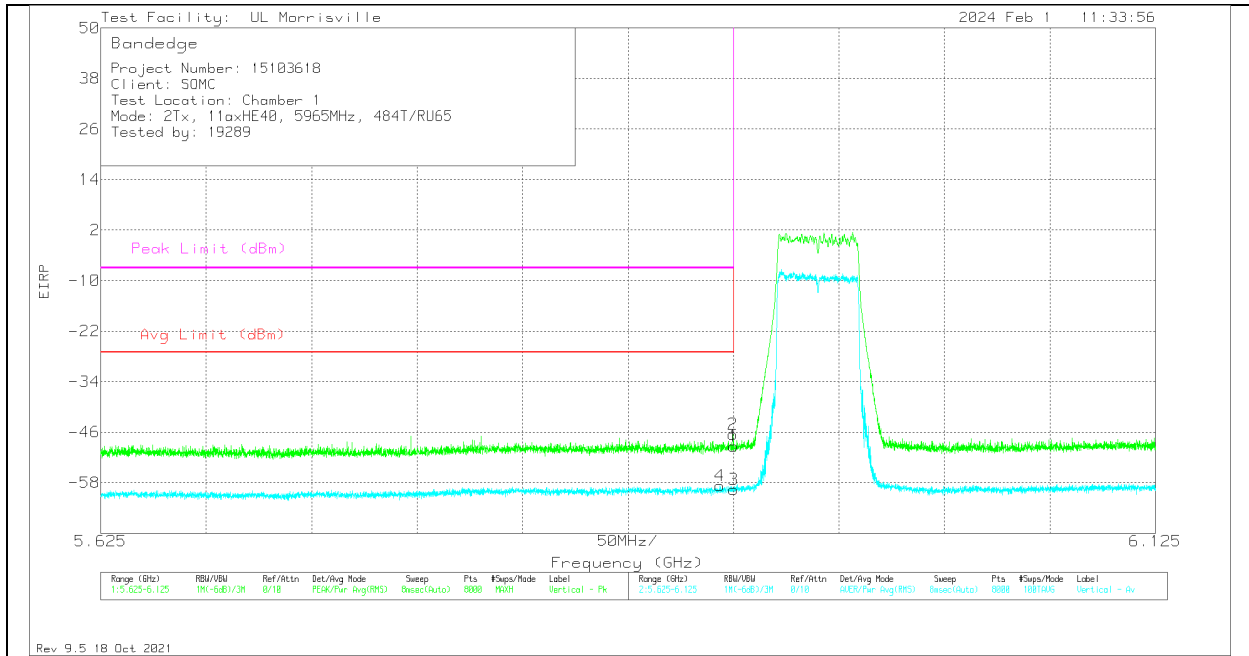
LOW CHANNEL RESULTS



HORIZONTAL

Marker	Frequency (GHz)	Meter Reading (dBm)	Det	206211 (dB/m)	Gain/Loss (dB)	Conversion Factor (dB)	DC Corr (dB)	Corrected Reading EIRP	Avg Limit (dBm)	RMS Margin (dB)	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
2	5.81684	-69.7	Pk	34.7	-23.1	11.8	0	-46.3	-	-	-7	-39.3	204	390	H
4	5.87172	-82.63	RMS	34.9	-22.8	11.8	.29	-58.44	-27	-31.44	-	-	204	390	H
1	5.92498	-73.07	Pk	35	-22.6	11.8	0	-48.87	-	-	-7	-41.87	204	390	H
3	5.92498	-83.76	RMS	35	-22.6	11.8	.29	-59.27	-27	-32.27	-	-	204	390	H

Pk - Peak detector
 RMS - RMS detection



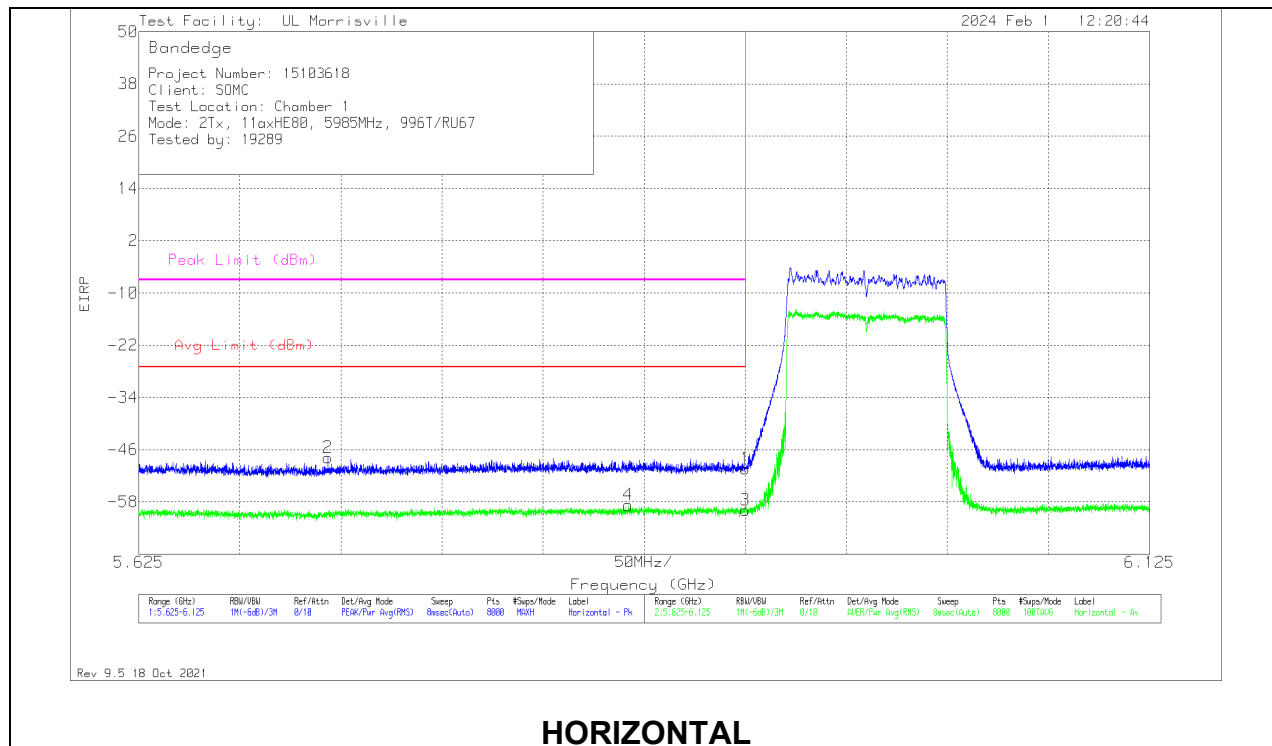
VERTICAL

Marker	Frequency (GHz)	Meter Reading (dBm)	Det	206211 (dB/m)	Gain/Loss (dB)	Conversion Factor (dB)	DC Corr (dB)	Corrected Reading EIRP	Avg Limit (dBm)	RMS Margin (dB)	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
4	5.91848	-83.27	RMS	35	-22.6	11.8	.29	-58.78	-27	-31.78	-	-	213	296	V
2	5.92485	-70.73	Pk	35	-22.6	11.8	0	-46.53	-	-	-7	-39.53	213	296	V
1	5.92498	-73.47	Pk	35	-22.6	11.8	0	-49.27	-	-	-7	-42.27	213	296	V
3	5.92498	-84.16	RMS	35	-22.6	11.8	.29	-59.67	-27	-32.67	-	-	213	296	V

Pk - Peak detector
 RMS - RMS detection

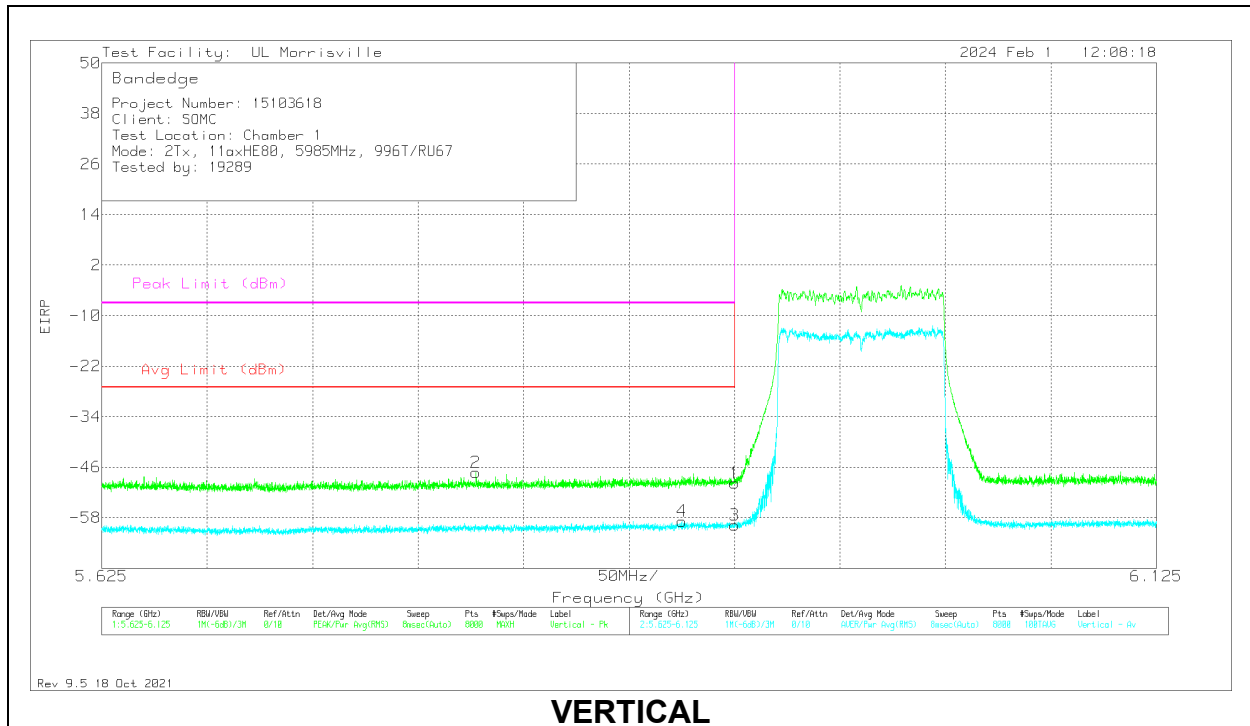
10.1.3. TX ABOVE 1 GHz 802.11ax HE80 MODE IN THE UNII-5 BAND
2TX CDD MODE: 996T
BANDEDGE EMISSIONS

LOW CHANNEL RESULTS



Marker	Frequency (GHz)	Meter Reading (dBm)	Det	206211 (dB/m)	Gain/Loss (dB)	Conversion Factor (dB)	DC Corr (dB)	Corrected Reading EIRP	Avg Limit (dBm)	RMS Margin (dB)	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
2	5.71857	-71.08	Pk	34.5	-23.1	11.8	0	-47.88	-	-	-7	-40.88	162	170	H
4	5.86709	-82.97	RMS	34.8	-22.8	11.8	.38	-58.79	-27	-31.79	-	-	162	170	H
1	5.92498	-74.57	Pk	35	-22.6	11.8	0	-50.37	-	-	-7	-43.37	162	170	H
3	5.92498	-84.51	RMS	35	-22.6	11.8	.38	-59.93	-27	-32.93	-	-	162	170	H

Pk - Peak detector
 RMS - RMS detection



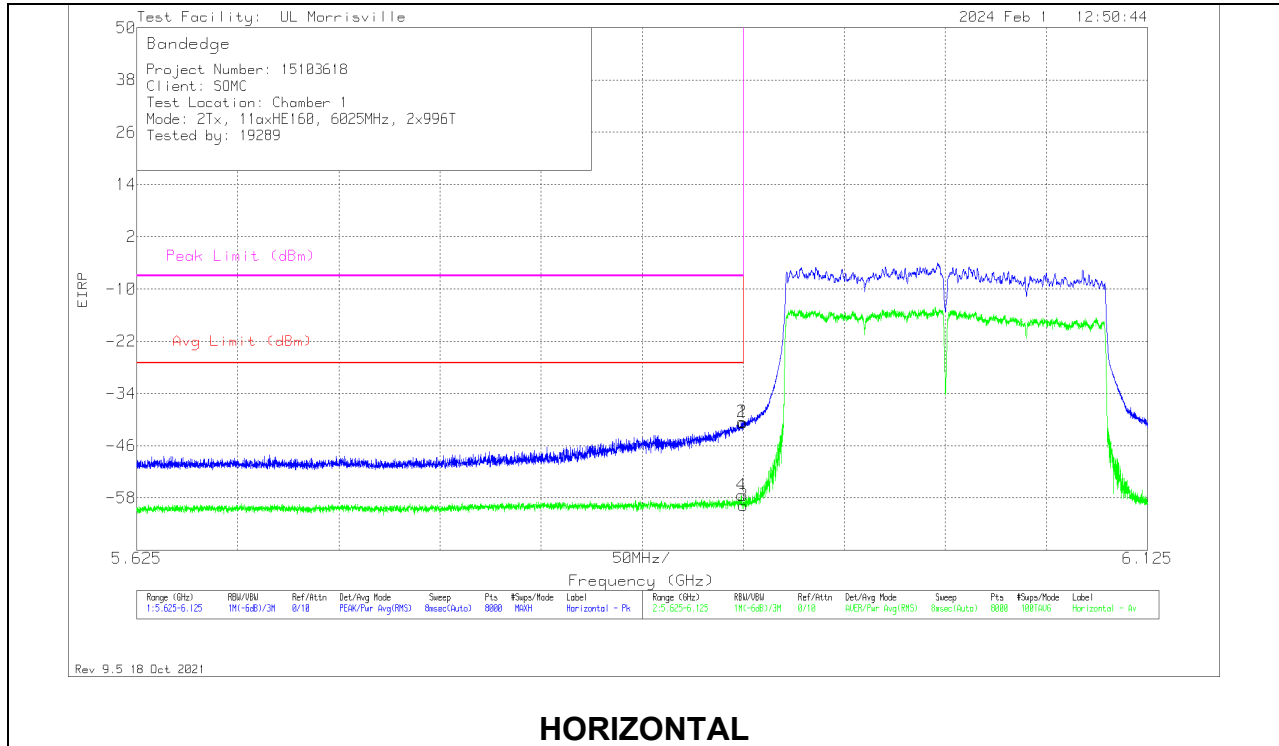
VERTICAL

Marker	Frequency (GHz)	Meter Reading (dBm)	Det	206211 (dB/m)	Gain/Loss (dB)	Conversion Factor (dB)	DC Corr (dB)	Corrected Reading EIRP	Avg Limit (dBm)	RMS Margin (dB)	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
2	5.80246	-70.79	Pk	34.7	-23	11.8	0	-47.29	-	-	-7	-40.29	239	260	V
4	5.90016	-83.28	RMS	34.9	-22.6	11.8	.38	-58.8	-27	-31.8	-	-	239	260	V
1	5.92498	-74.02	Pk	35	-22.6	11.8	0	-49.82	-	-	-7	-42.82	239	260	V
3	5.92498	-84.34	RMS	35	-22.6	11.8	.38	-59.76	-27	-32.76	-	-	239	260	V

Pk - Peak detector
 RMS - RMS detection

10.1.4. TX ABOVE 1 GHz 802.11ax HE160 MODE IN THE UNII-5 BAND
2TX CDD MODE: 2x996T
BANDEDGE EMISSIONS

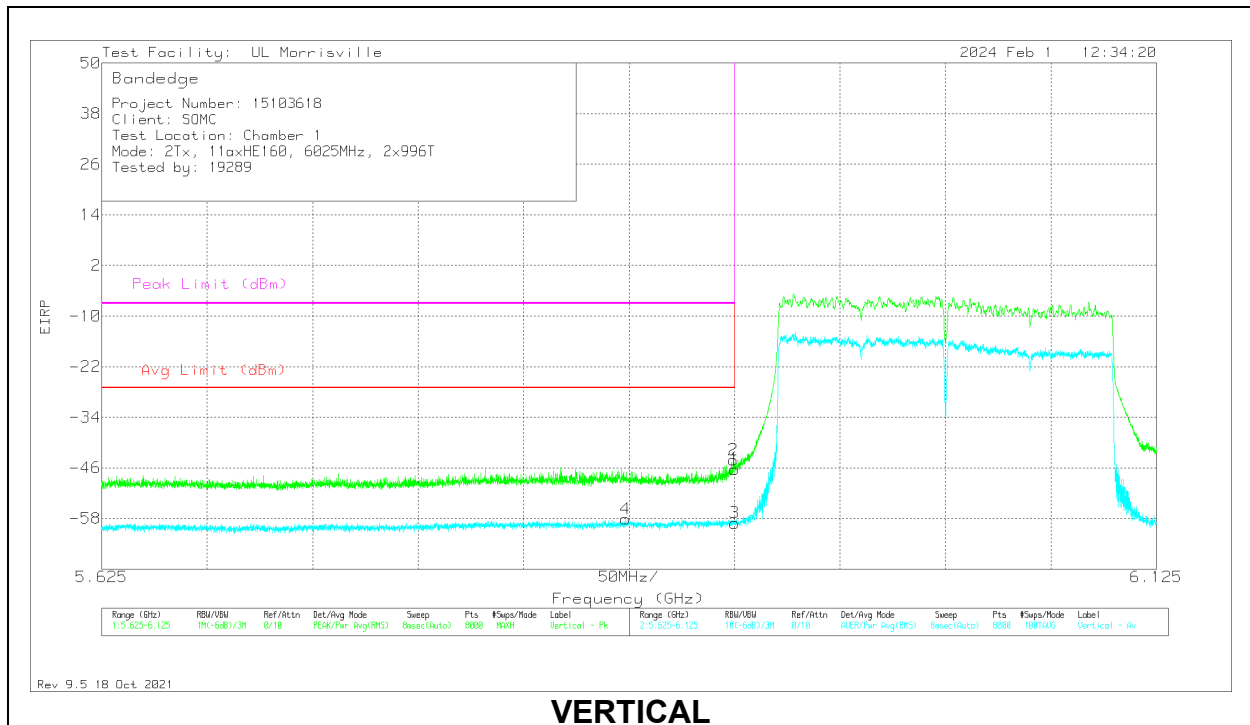
LOW CHANNEL RESULTS



HORIZONTAL

Marker	Frequency (GHz)	Meter Reading (dBm)	Det	206211 (dB/m)	Gain/Loss (dB)	Conversion Factor (dB)	DC Corr (dB)	Corrected Reading EIRP	Avg Limit (dBm)	RMS Margin (dB)	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
4	5.92423	-81.99	RMS	35	-22.6	11.8	.41	-57.38	-27	-30.38	-	-	196	388	H
2	5.92435	-64.69	Pk	35	-22.6	11.8	0	-40.49	-	-	-7	-33.49	196	388	H
1	5.92498	-64.93	Pk	35	-22.6	11.8	0	-40.73	-	-	-7	-33.73	196	388	H
3	5.92498	-84.39	RMS	35	-22.6	11.8	.41	-59.78	-27	-32.78	-	-	196	388	H

Pk - Peak detector
 RMS - RMS detection

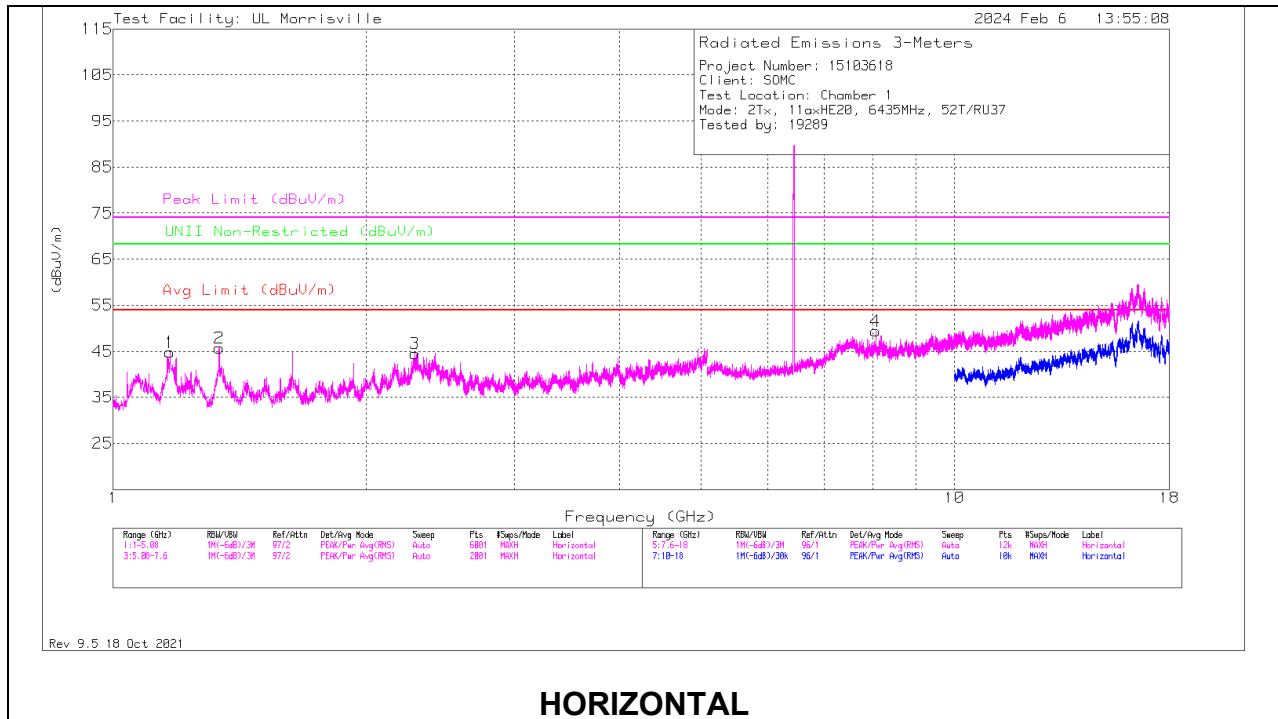


Marker	Frequency (GHz)	Meter Reading (dBm)	Det	206211 (dB/m)	Gain/Loss (dB)	Conversion Factor (dB)	DC Corr (dB)	Corrected Reading EIRP	Avg Limit (dBm)	RMS Margin (dB)	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
4	5.87322	-82.42	RMS	34.9	-22.8	11.8	0.41	-58.11	-27	-31.11	-	-	217	294	V
2	5.92448	-68.37	Pk	35	-22.6	11.8	0	-44.17	-	-	-7	-37.17	217	294	V
1	5.92498	-70.48	Pk	35	-22.6	11.8	0	-46.28	-	-	-7	-39.28	217	294	V
3	5.92498	-83.67	RMS	35	-22.6	11.8	.41	-59.06	-27	-32.06	-	-	217	294	V

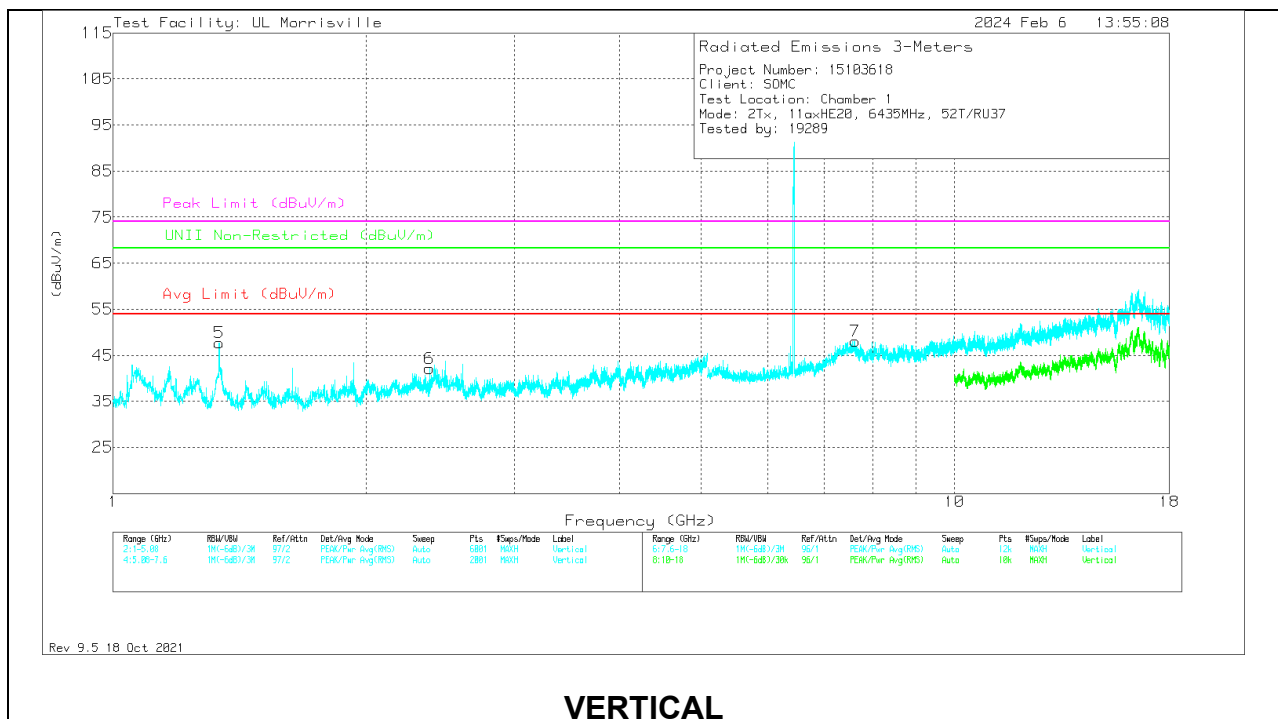
Pk - Peak detector
 RMS - RMS detection

10.1.5. TX ABOVE 1 GHz 802.11ax HE20 MODE IN THE UNII-6 BAND
2TX CDD MODE: 52T
HARMONICS AND SPURIOUS EMISSIONS

LOW CHANNEL RESULTS



HORIZONTAL



VERTICAL

RADIATED EMISSIONS

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	206211 (dB/m)	Gain/Loss (dB)	Filter (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	*** 1.16796	51.94	Pk	28	-35.2	0	0	44.74	54	-9.26	74	-29.26	0-360	199	H
2	*** 1.3366	51.5	Pk	28.9	-34.7	0	0	45.7	54	-8.3	74	-28.3	0-360	101	H
3	** 2.28384	46.42	Pk	31.8	-33.7	0	0	44.52	54	-9.48	74	-29.48	0-360	101	H
5	*** 1.3366	53.49	Pk	28.9	-34.7	0	0	47.69	54	-6.31	74	-26.31	0-360	200	V
6	*** 2.37564	43.93	Pk	32.1	-33.9	0	0	42.13	54	-11.87	74	-31.87	0-360	101	V
7	*** 7.61672	38.87	PK-U	35.7	-27	1.7	0	49.27	-	-	74	-24.73	180	143	V
	*** 7.61449	27.09	ADR	35.7	-27	1.7	.25	37.74	54	-16.26	-	-	180	143	V
4	*** 8.05813	38.86	PK-U	35.8	-26.9	.9	0	48.66	-	-	74	-25.34	39	129	H
	*** 8.05844	27.52	ADR	35.8	-26.9	.9	.25	37.57	54	-16.43	-	-	39	129	H

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

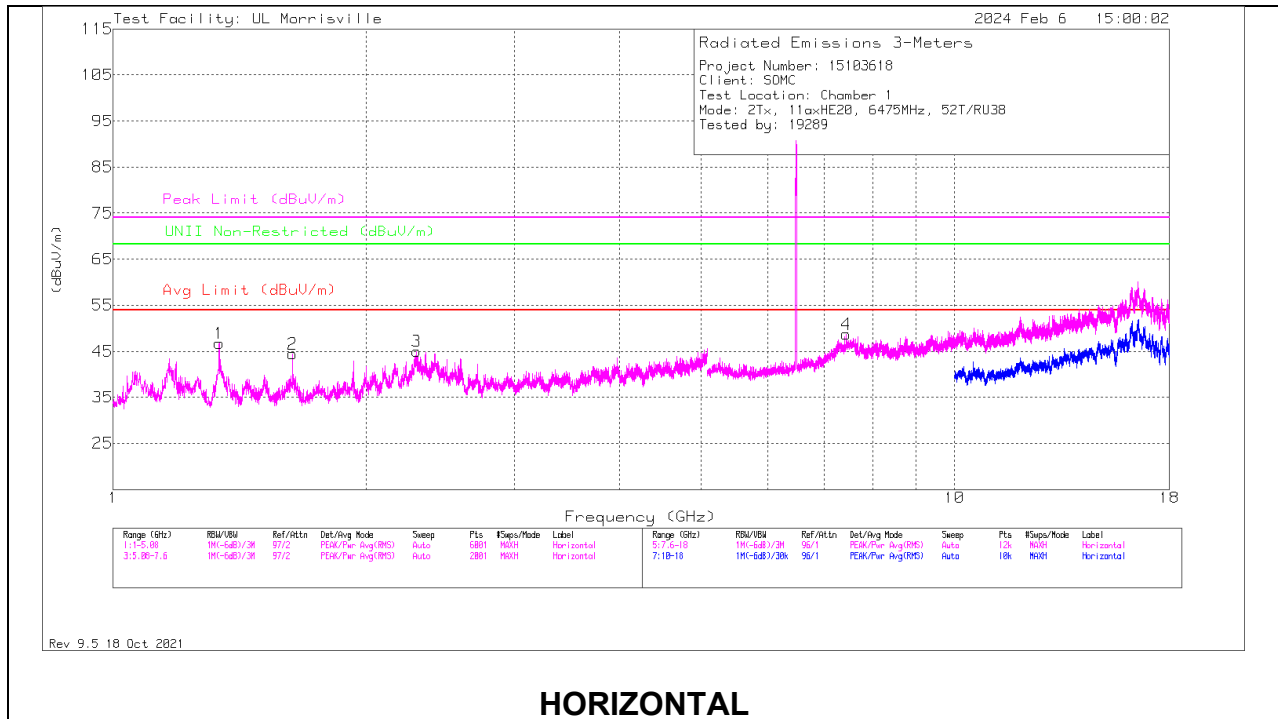
** - indicates frequency in Taiwan NCC LP0002 Restricted Band

Pk - Peak detector

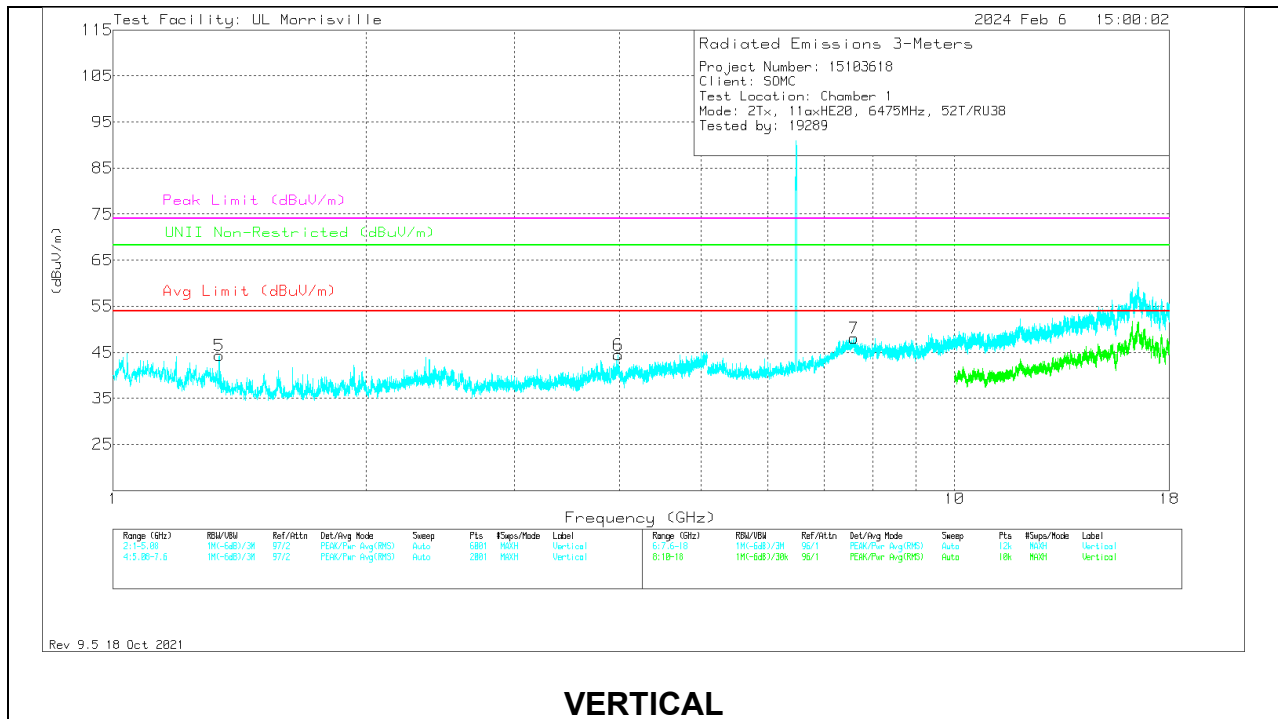
PK-U - Maximum Peak

ADR - RMS average

MID CHANNEL RESULTS



HORIZONTAL



VERTICAL

RADIATED EMISSIONS

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	206211 (dB/m)	Gain/Loss (dB)	Filter (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* ** 1.3366	52.52	Pk	28.9	-34.7	0	0	46.72	54	-7.28	74	-27.28	-	-	0-360	199	H
3	* ** 2.29404	46.87	Pk	31.9	-33.8	0	0	44.97	54	-9.03	74	-29.03	-	-	0-360	101	H
5	* ** 1.3366	50.09	Pk	28.9	-34.7	0	0	44.29	54	-9.71	74	-29.71	-	-	0-360	200	V
6	* ** 3.98316	42.52	Pk	33.4	-31.5	0	0	44.42	54	-9.58	74	-29.58	-	-	0-360	101	V
4	* ** 7.43253	30.05	PK-U	35.7	-16.8	0	0	48.95	-	-	74	-25.05	-	-	294	247	H
	* ** 7.42929	18.45	ADR	35.7	-16.9	0	.25	37.5	54	-16.5	-	-	-	-	294	247	H
7	* ** 7.59427	29.57	PK-U	35.7	-16.1	0	0	49.17	-	-	74	-24.83	-	-	57	267	V
	* ** 7.59516	18.13	ADR	35.7	-16.1	0	.25	37.98	54	-16.02	-	-	-	-	57	267	V
2	1.63308	50.01	Pk	28.4	-34	0	0	44.41	-	-	-	-	68.2	-23.79	0-360	199	H

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

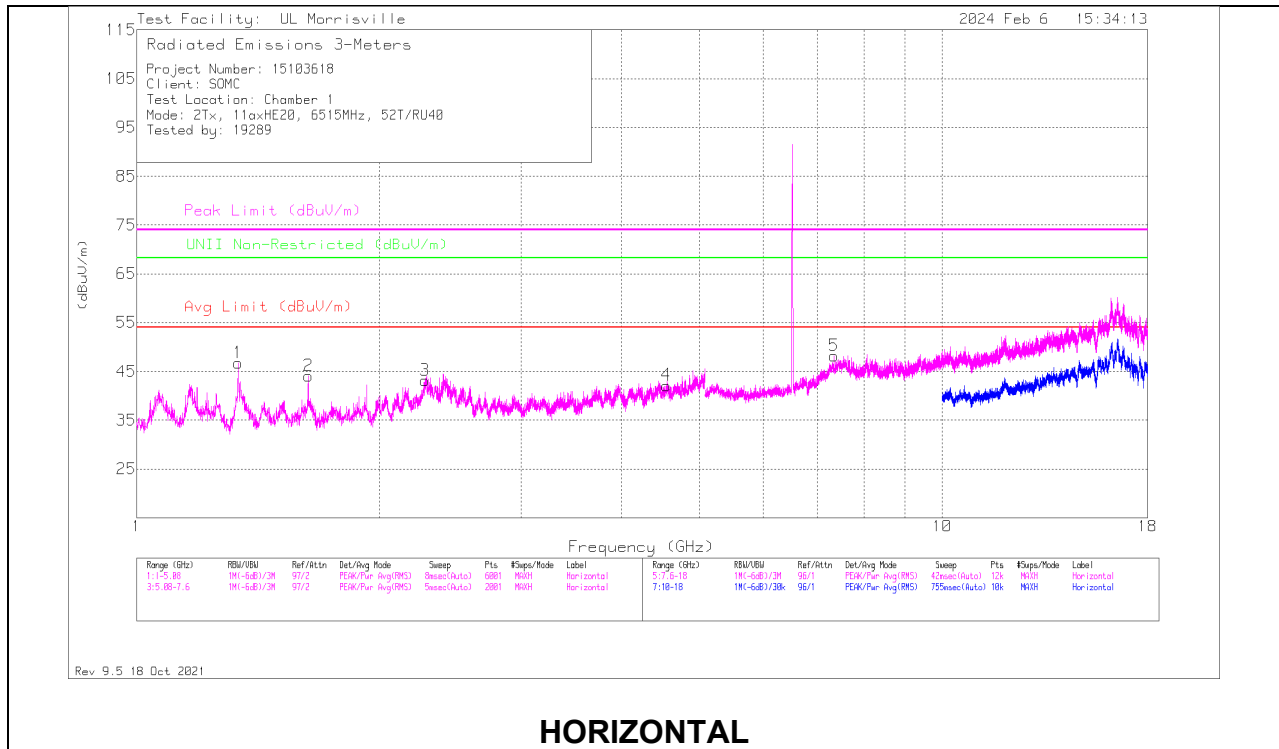
** - indicates frequency in Taiwan NCC LP0002 Restricted Band

Pk - Peak detector

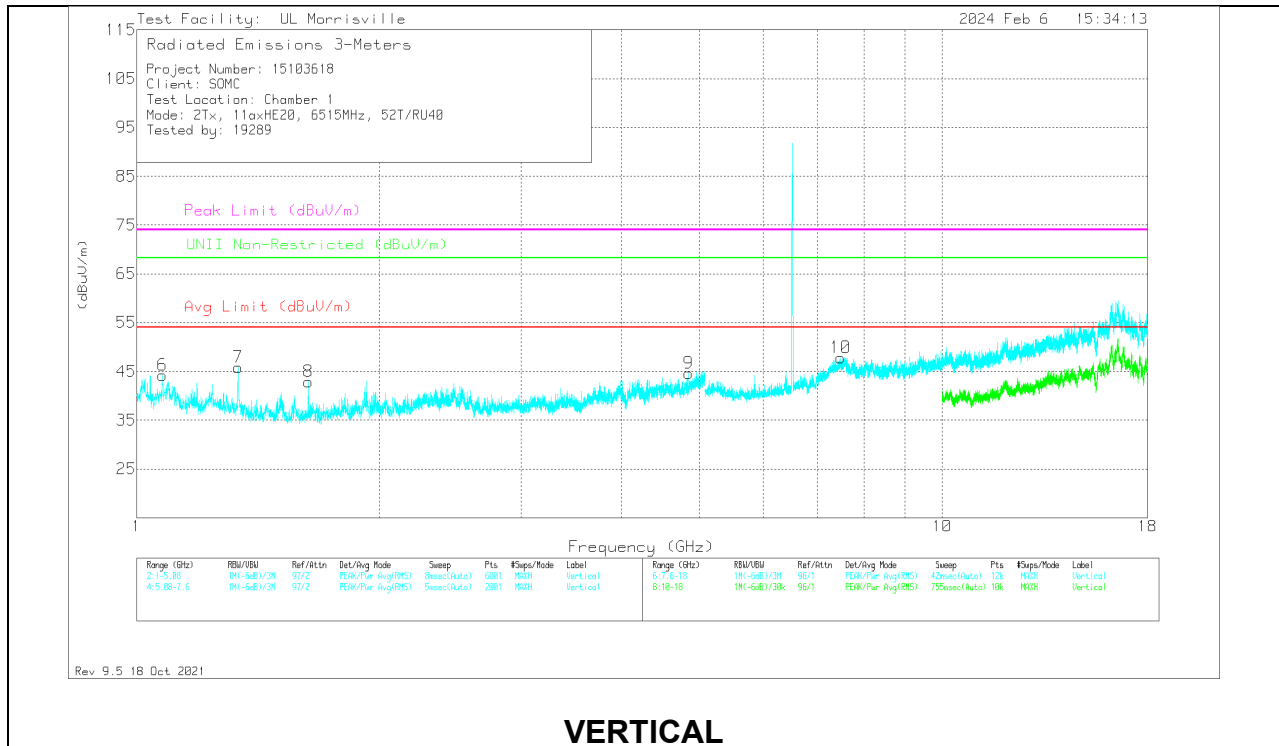
PK-U - Maximum Peak

ADR - RMS average

HIGH CHANNEL RESULTS



HORIZONTAL



VERTICAL

RADIATED EMISSIONS

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	206211 (dB/m)	Gain/Loss (dB)	Filter (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* ** 1.3366	52.5	Pk	28.9	-34.7	0	0	46.7	54	-7.3	74	-27.3	-	-	0-360	101	H
3	* ** 2.2784	44.96	Pk	31.8	-33.6	0	0	43.16	54	-10.84	74	-30.84	-	-	0-360	101	H
4	* ** 4.54688	39.25	Pk	34.1	-31.2	0	0	42.15	54	-11.85	74	-31.85	-	-	0-360	101	H
6	* ** 1.07616	51.68	Pk	27.4	-34.9	0	0	44.18	54	-9.82	74	-29.82	-	-	0-360	101	V
7	* ** 1.3366	51.66	Pk	28.9	-34.7	0	0	45.86	54	-8.14	74	-28.14	-	-	0-360	200	V
9	* ** 4.84608	40.79	Pk	34	-30.2	0	0	44.59	54	-9.41	74	-29.41	-	-	0-360	200	V
5	* ** 7.33865	28.67	PK-U	35.6	-17.4	0	0	46.87	-	-	74	-27.13	-	-	62	274	H
	* ** 7.34051	17.26	ADR	35.6	-17.4	0	.25	35.71	54	-18.29	-	-	-	-	62	274	H
10	* ** 7.4866	28.65	Pk	35.6	-16.5	0	0	47.75	54	-6.25	74	-26.25	-	-	0-360	200	V
2	1.63308	49.68	Pk	28.4	-34	0	0	44.08	-	-	-	-	68.2	-24.12	0-360	101	H
8	1.63308	48.54	Pk	28.4	-34	0	0	42.94	-	-	-	-	68.2	-25.26	0-360	101	V

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

** - indicates frequency in Taiwan NCC LP0002 Restricted Band

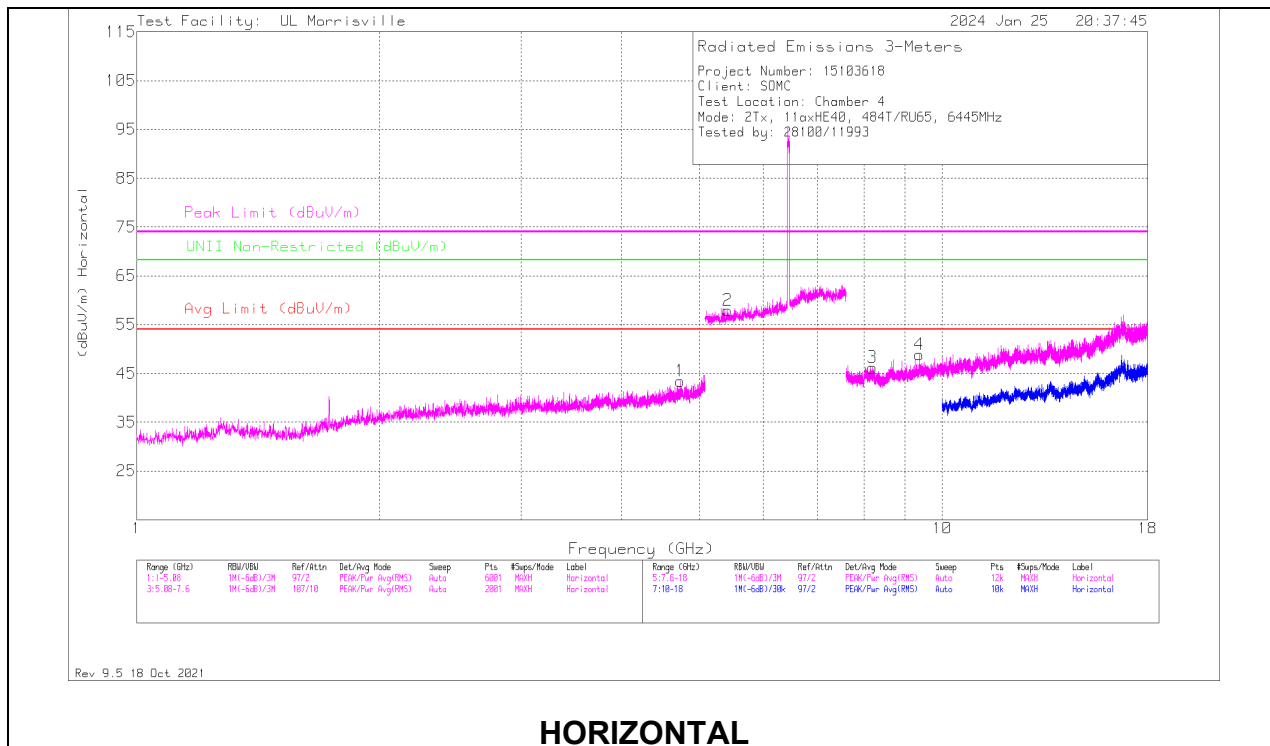
Pk - Peak detector

PK-U - Maximum Peak

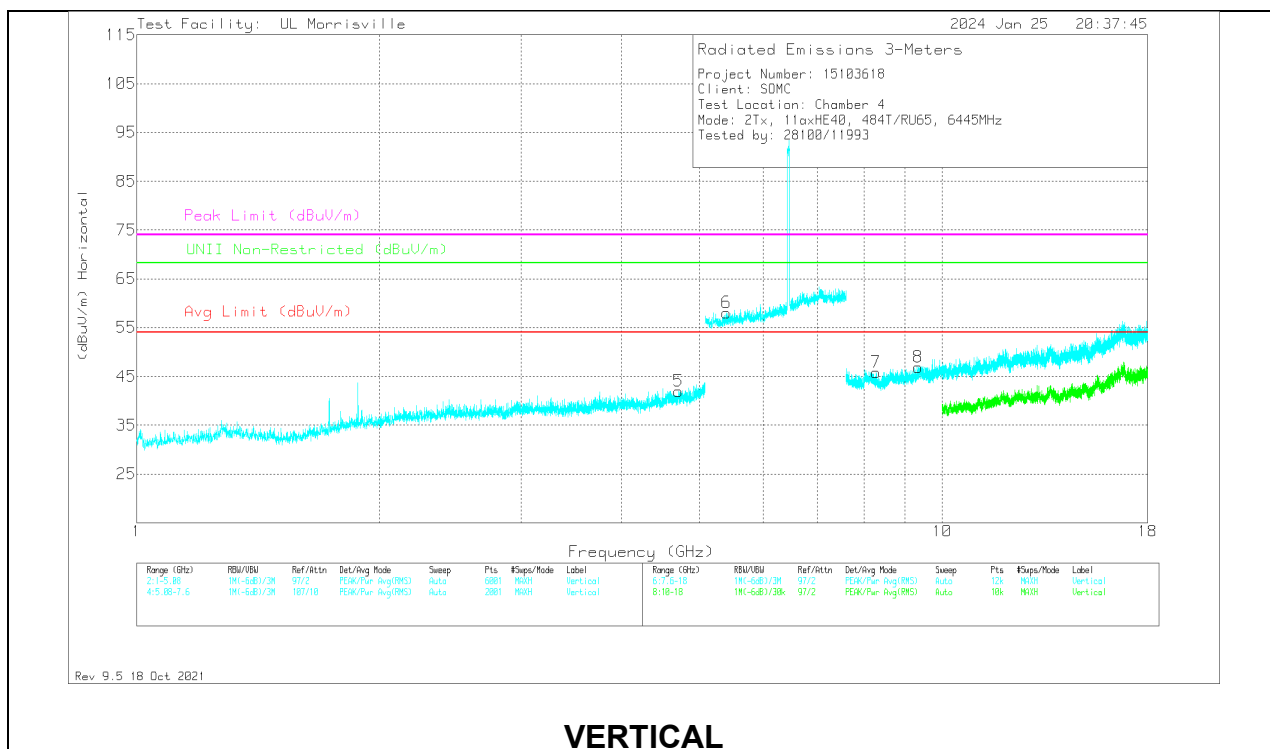
ADR - RMS average

10.1.6. TX ABOVE 1 GHz 802.11ax HE40 MODE IN THE UNII-6 BAND
2TX CDD MODE: 484T
HARMONICS AND SPURIOUS EMISSIONS

LOW CHANNEL RESULTS



HORIZONTAL



VERTICAL

RADIATED EMISSIONS

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	89509 ACF (dB/m)	Gain/Loss (dB)	Filter (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	*** 4.73388	40.62	Pk	34	-31.2	0	0	43.42	54	-10.58	74	-30.58	0-360	100	H
5	*** 4.71008	39.41	Pk	34.1	-31.5	0	0	42.01	54	-11.99	74	-31.99	0-360	200	V
2	*** 5.42233	33.22	PK2	34.6	-8.9	0	0	58.92	-	-	74	-15.08	328	373	H
	*** 5.4198	21.7	ADR	34.6	-8.9	0	.29	47.69	54	-6.31	-	-	328	373	H
6	*** 5.39793	33.44	PK2	34.6	-9.1	0	0	58.94	-	-	74	-15.06	93	268	V
	*** 5.39518	21.82	ADR	34.6	-8.9	0	.29	47.81	54	-6.19	-	-	93	268	V
3	*** 8.1954	37.04	Pk	35.8	-27.5	.8	0	46.14	54	-7.86	74	-27.86	0-360	100	H
7	*** 8.2786	36.83	Pk	35.8	-27.4	.6	0	45.83	54	-8.17	74	-28.17	0-360	200	V
8	*** 9.34027	36.07	Pk	36.5	-26	.3	0	46.87	54	-7.13	74	-27.13	0-360	200	V
4	*** 9.37844	25.74	ADR	36.6	-25.8	.4	.29	37.23	54	-16.77	-	-	33	365	H
	*** 9.3791	37.25	PK2	36.6	-25.8	.4	0	48.45	-	-	74	-25.55	33	365	H

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

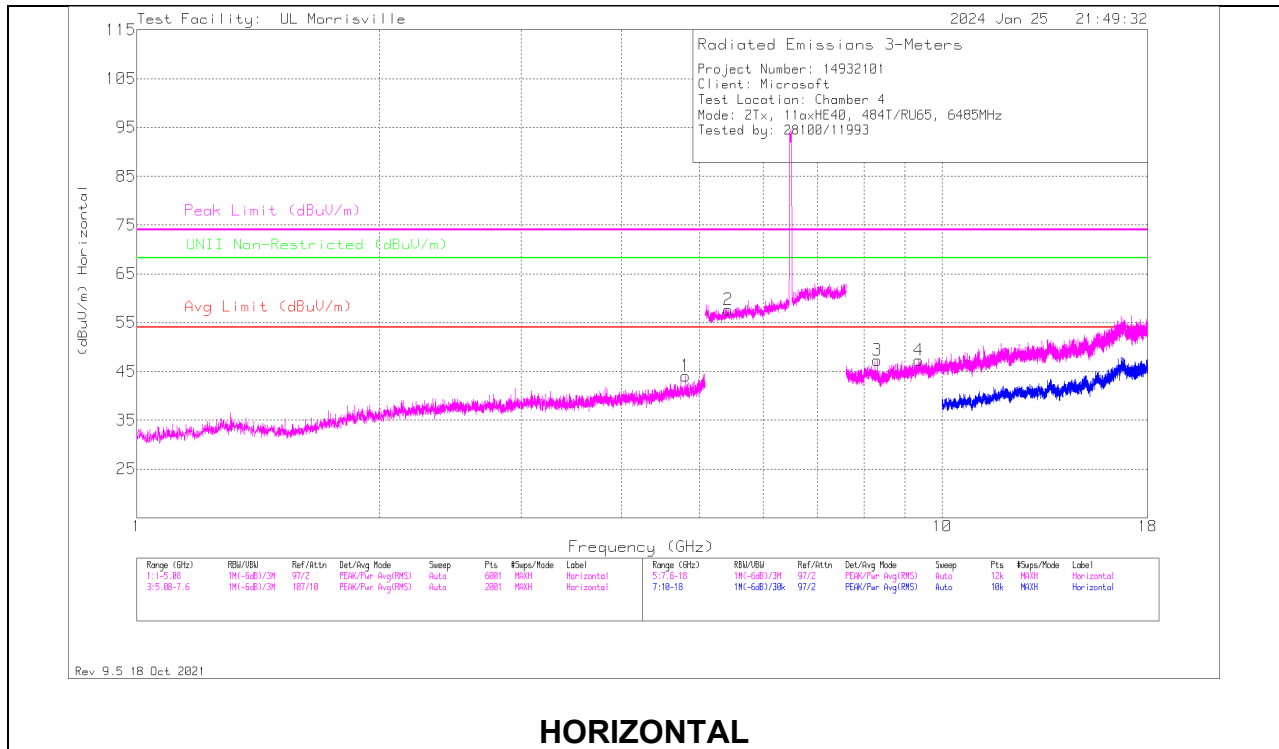
** - indicates frequency in Taiwan NCC LP0002 Restricted Band

Pk - Peak detector

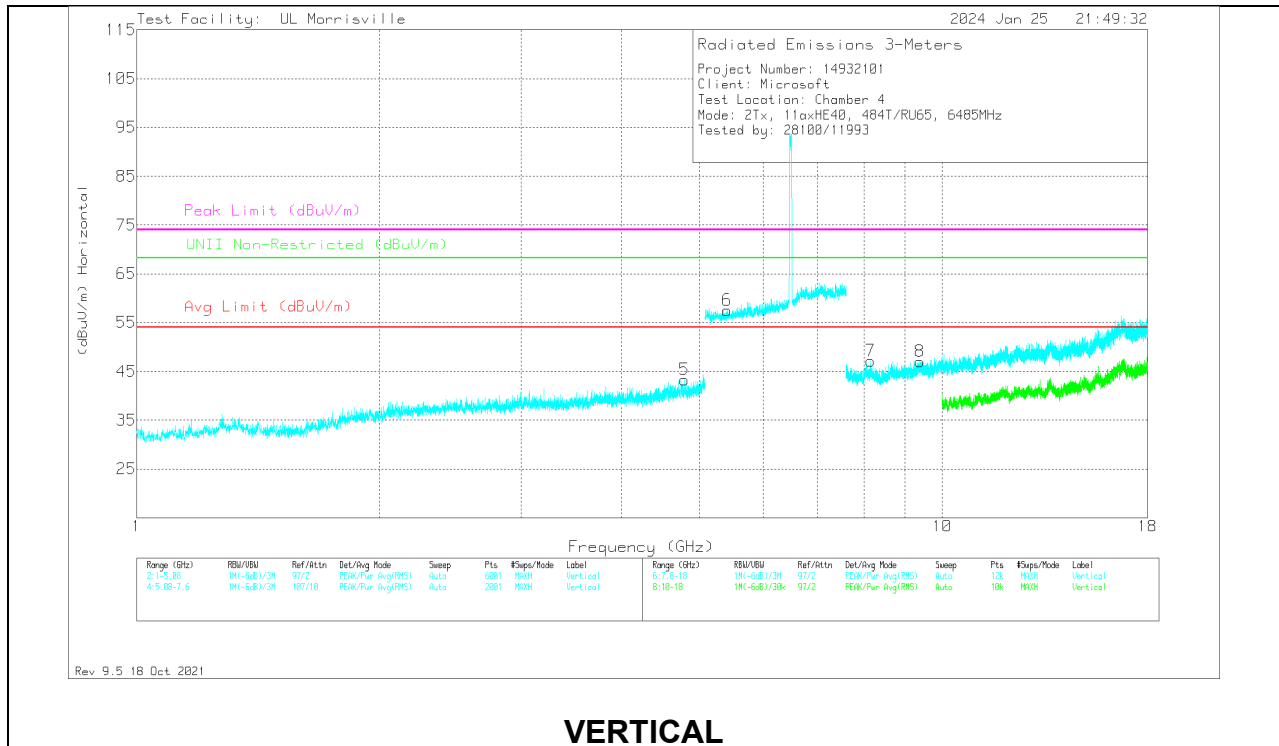
PK2 - Maximum Peak

ADR - RMS average

MID CHANNEL RESULTS



HORIZONTAL



VERTICAL

RADIATED EMISSIONS

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	89509 ACF (dB/m)	Gain/Loss (dB)	Filter (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	*** 4.80732	40.37	Pk	34.1	-30.4	0	0	44.07	54	-9.93	74	-29.93	0-360	100	H
5	*** 4.78896	39.54	Pk	34.1	-30.3	0	0	43.34	54	-10.66	74	-30.66	0-360	200	V
2	*** 5.42834	33.34	PK2	34.6	-8.8	0	0	59.14	-	-	74	-14.86	102	300	H
	*** 5.42849	21.89	ADR	34.6	-8.8	0	.29	47.98	54	-6.02	-	-	102	300	H
6	*** 5.40933	33.48	PK2	34.6	-8.8	0	0	59.28	-	-	74	-14.72	217	150	V
	*** 5.40827	21.94	ADR	34.6	-8.8	0	.29	48.03	54	-5.97	-	-	217	150	V
7	*** 8.14947	38.38	Pk	35.8	-27.9	.8	0	47.08	54	-6.92	74	-26.92	0-360	300	V
3	*** 8.30807	37.82	Pk	35.8	-27.1	.7	0	47.22	54	-6.78	74	-26.78	0-360	400	H
4	*** 9.35067	36.45	Pk	36.5	-26	.3	0	47.25	54	-6.75	74	-26.75	0-360	400	H
8	*** 9.38273	35.67	Pk	36.6	-25.7	.4	0	46.97	54	-7.03	74	-27.03	0-360	300	V

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

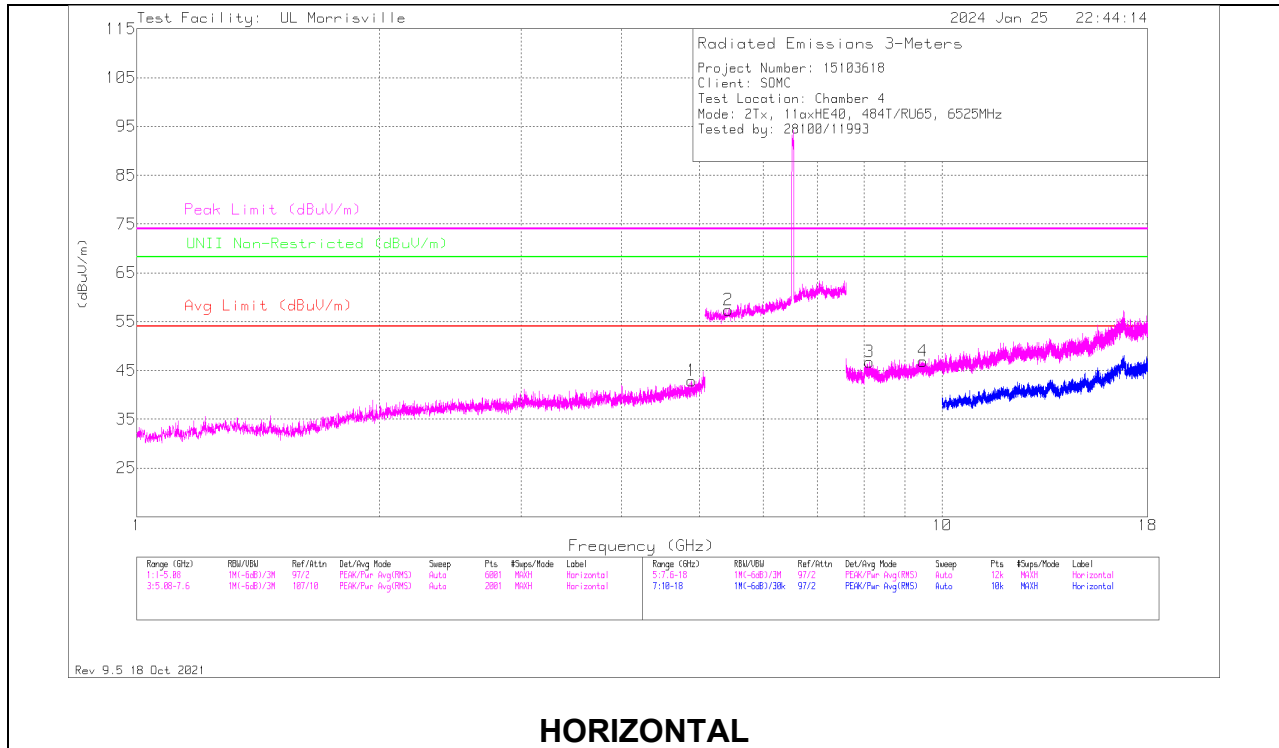
** - indicates frequency in Taiwan NCC LP0002 Restricted Band

Pk - Peak detector

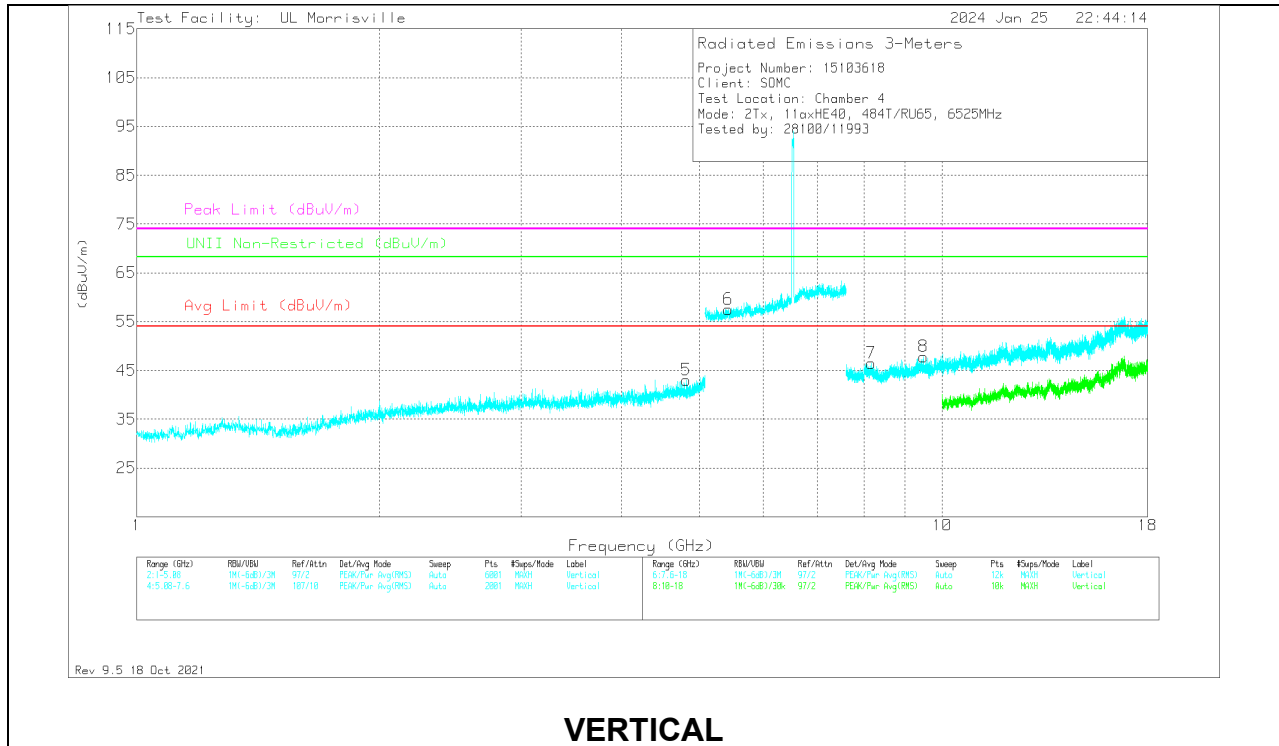
PK2 - Maximum Peak

ADR - RMS average

HIGH CHANNEL RESULTS



HORIZONTAL



VERTICAL

RADIATED EMISSIONS

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	89509 ACF (dB/m)	Gain/Loss (dB)	Filter (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	*** 4.8896	40.04	Pk	34	-31.1	0	0	42.94	54	-11.06	74	-31.06	0-360	100	H
5	*** 4.81412	39.36	Pk	34.1	-30.5	0	0	42.96	54	-11.04	74	-31.04	0-360	200	V
2	*** 5.42554	33.29	PK2	34.6	-9	0	0	58.89	-	-	74	-15.11	273	283	H
	*** 5.42511	21.58	ADR	34.6	-9	0	.29	47.47	54	-6.53	-	-	273	283	H
6	*** 5.43084	34.23	PK2	34.6	-8.9	0	0	59.93	-	-	74	-14.07	290	326	V
	*** 5.4309	21.69	ADR	34.6	-9	0	.29	47.58	54	-6.42	-	-	290	326	V
3	*** 8.1226	38.39	Pk	35.8	-28.2	.7	0	46.69	54	-7.31	74	-27.31	0-360	100	H
7	*** 8.1746	37.37	Pk	35.8	-27.6	.9	0	46.47	54	-7.53	74	-27.53	0-360	200	V
4	*** 9.4694	35.61	Pk	36.7	-25.8	.3	0	46.81	54	-7.19	74	-27.19	0-360	100	H
8	*** 9.47893	36.78	Pk	36.7	-26.1	.4	0	47.78	54	-6.22	74	-26.22	0-360	200	V

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

** - indicates frequency in Taiwan NCC LP0002 Restricted Band

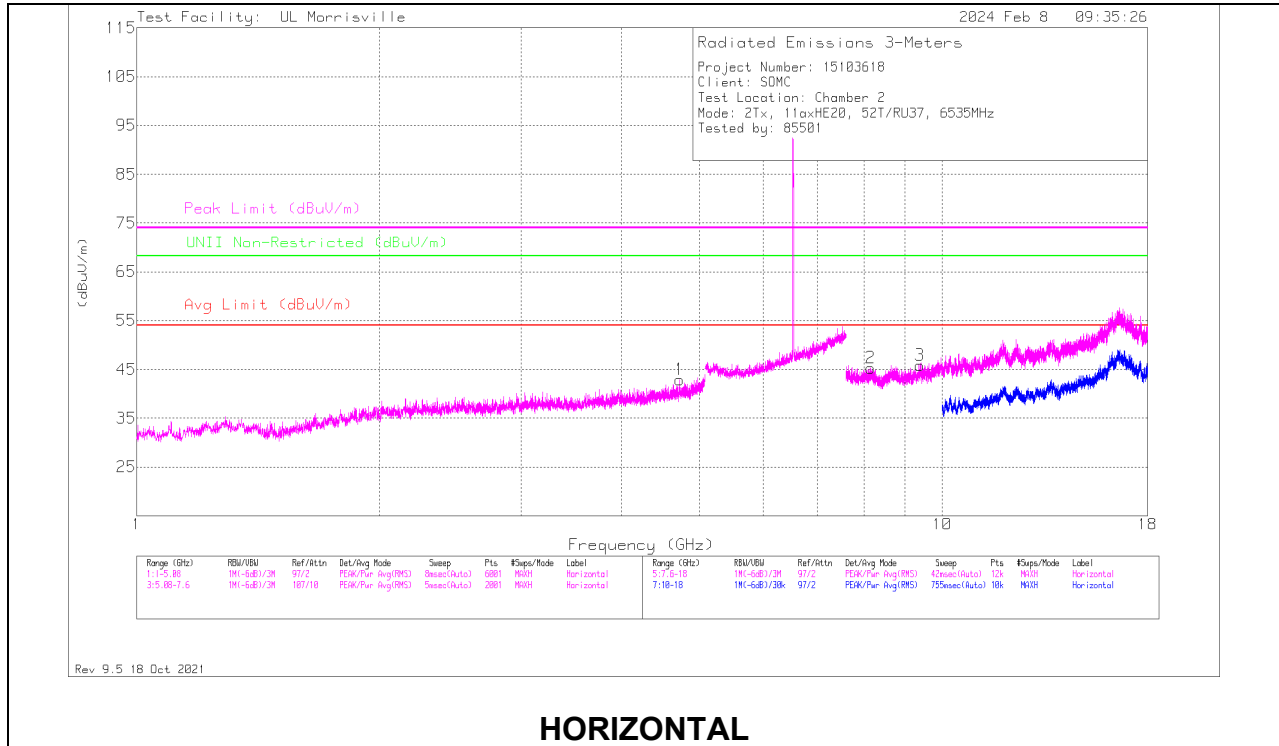
Pk - Peak detector

PK2 - Maximum Peak

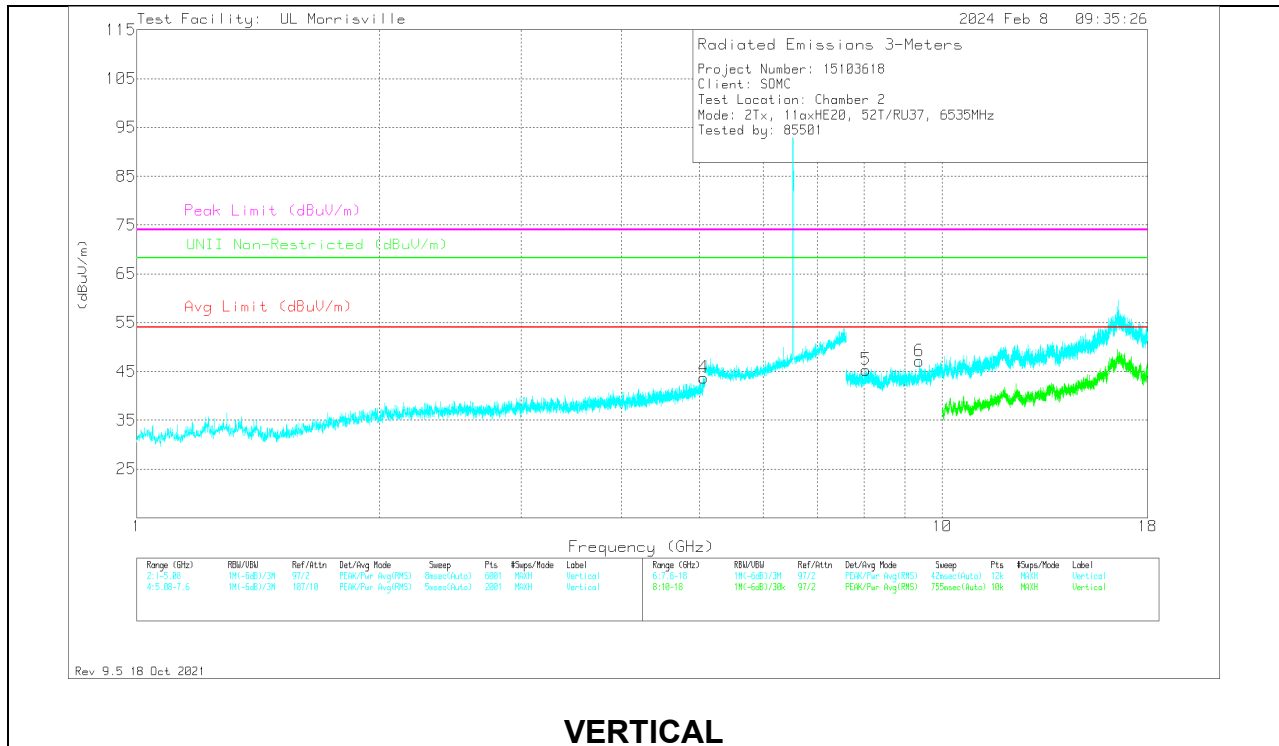
ADR - RMS average

10.1.7. TX ABOVE 1 GHz 802.11ax HE20 MODE IN THE UNII-7 BAND
2TX CDD MODE: 52T
HARMONICS AND SPURIOUS EMISSIONS

LOW CHANNEL RESULTS



HORIZONTAL



VERTICAL

RADIATED EMISSIONS

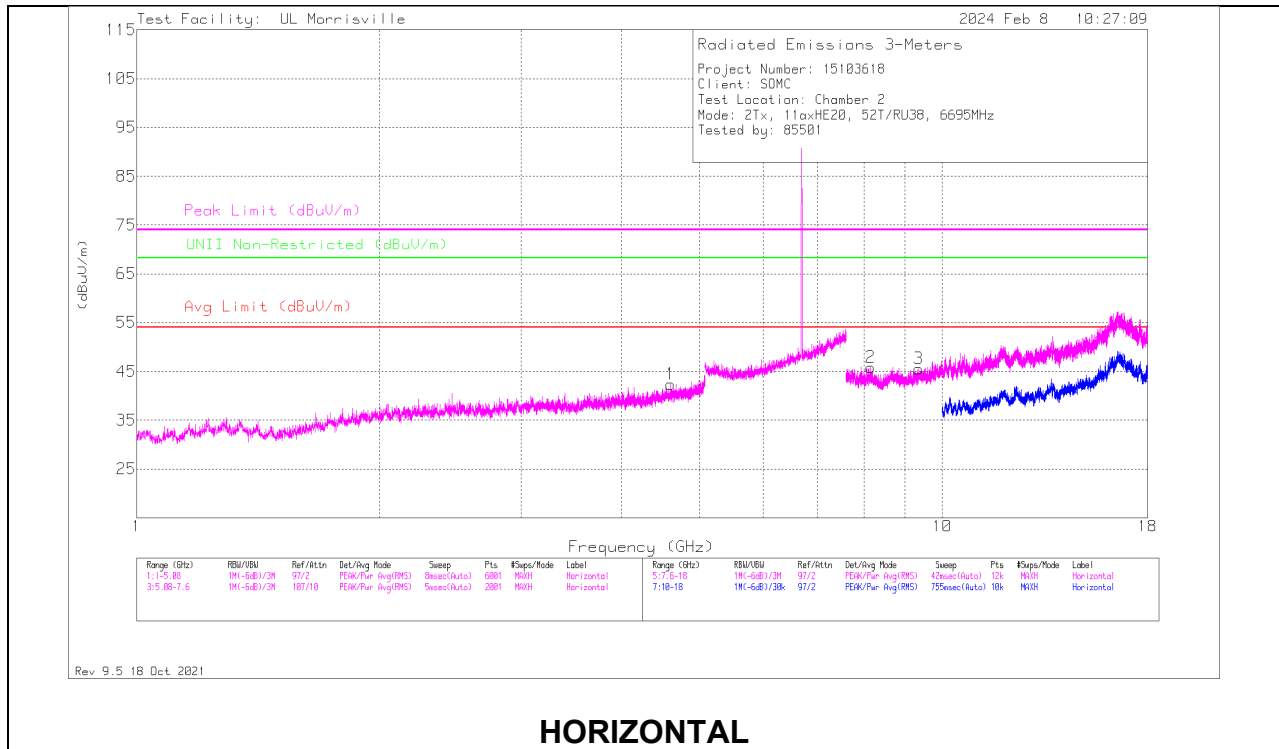
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	86408 (dB/m)	Gain/Loss (dB)	Filter (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* ** 4.72232	39.16	Pk	34.1	-30.4	0	42.86	54	-11.14	74	-31.14	0-360	200	H
4	* ** 5.05484	38.54	Pk	34.1	-28.9	0	43.74	54	-10.26	74	-30.26	0-360	100	V
5	* ** 8.04027	35.74	Pk	35.8	-27.1	.9	45.34	54	-8.66	74	-28.66	0-360	199	V
2	* ** 8.1538	35.32	Pk	35.8	-26.8	.9	45.22	54	-8.78	74	-28.78	0-360	101	H
6	* ** 9.3784	36.38	Pk	36.2	-25.8	.4	47.18	54	-6.82	74	-26.82	0-360	199	V
3	* ** 9.3862	35.21	Pk	36.2	-26.1	.5	45.81	54	-8.19	74	-28.19	0-360	199	H

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

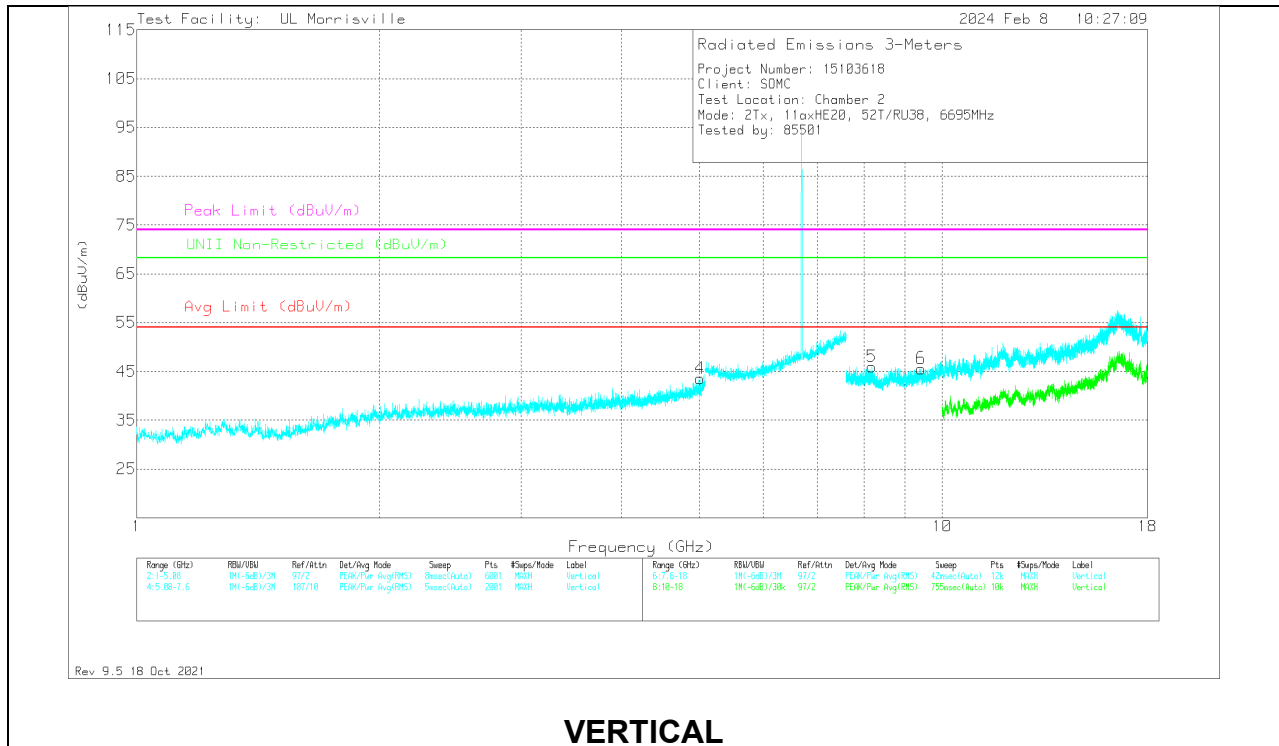
** - indicates frequency in Taiwan NCC LP0002 Restricted Band

Pk - Peak detector

MID CHANNEL RESULTS



HORIZONTAL



VERTICAL

RADIATED EMISSIONS

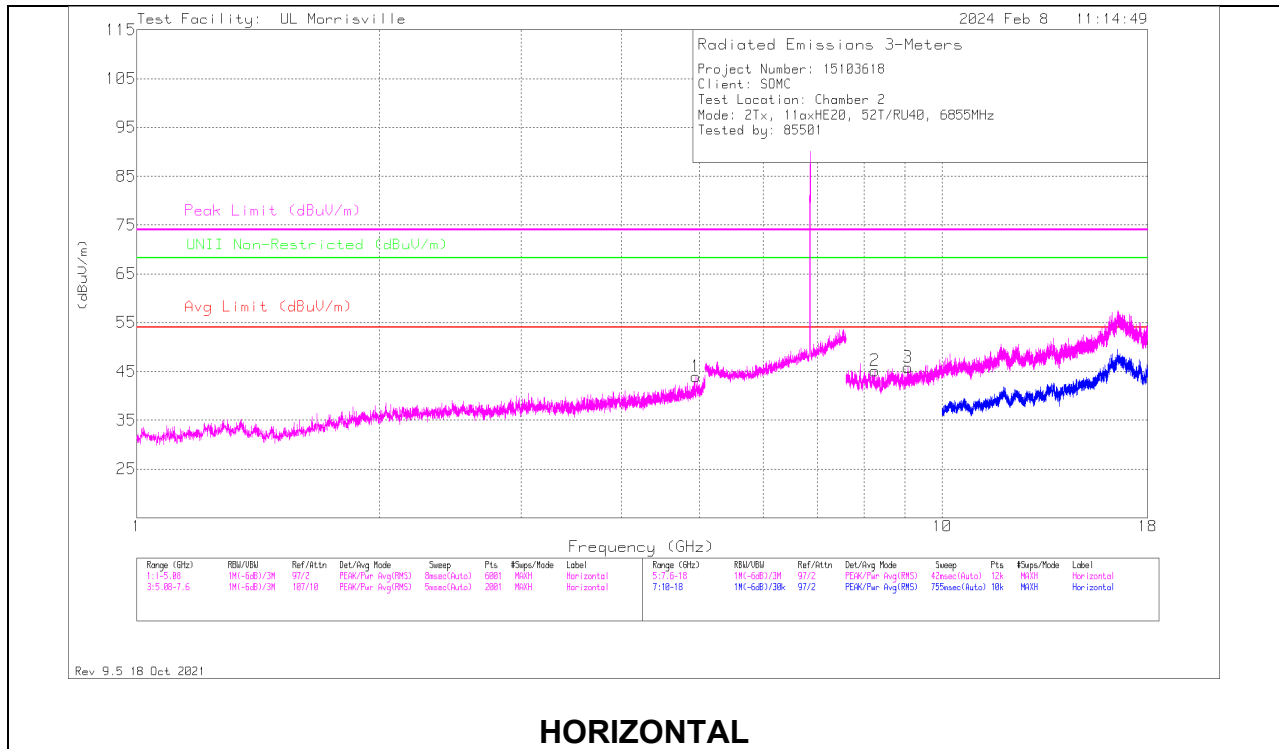
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	86408 (dB/m)	Gain/Loss (dB)	Filter (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* ** 4.59992	38.95	Pk	34	-30.6	0	42.35	54	-11.65	74	-31.65	0-360	199	H
4	* ** 5.00928	38.9	Pk	34	-29.3	0	43.6	54	-10.4	74	-30.4	0-360	101	V
2	* ** 8.14773	35.86	Pk	35.8	-26.7	.8	45.76	54	-8.24	74	-28.24	0-360	199	H
5	* ** 8.17807	36.19	Pk	35.8	-26.9	.9	45.99	54	-8.01	74	-28.01	0-360	101	V
3	* ** 9.35587	34.9	Pk	36.1	-25.8	.3	45.5	54	-8.5	74	-28.5	0-360	100	H
6	* ** 9.42693	35	Pk	36.3	-26.1	.4	45.6	54	-8.4	74	-28.4	0-360	199	V

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

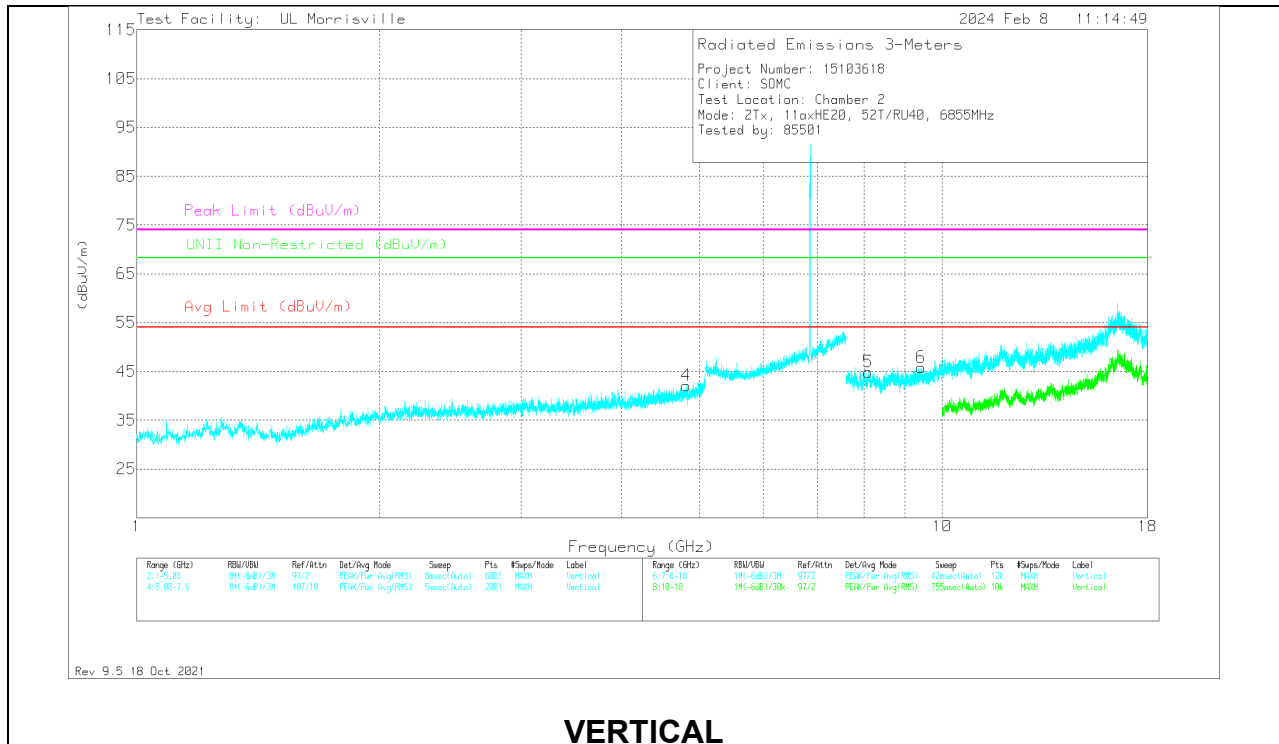
** - indicates frequency in Taiwan NCC LP0002 Restricted Band

Pk - Peak detector

HIGH CHANNEL RESULTS



HORIZONTAL



VERTICAL

RADIATED EMISSIONS

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	86408 (dB/m)	Gain/Loss (dB)	Filter (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* ** 4.94944	38.87	Pk	34	-28.9	0	43.97	54	-10.03	74	-30.03	0-360	199	H
4	* ** 4.81548	37.92	Pk	34.2	-30	0	42.12	54	-11.88	74	-31.88	0-360	101	V
5	* ** 8.09833	35.63	Pk	35.8	-27.2	.7	44.93	54	-9.07	74	-29.07	0-360	101	V
2	* ** 8.24827	35.87	Pk	35.8	-27	.5	45.17	54	-8.83	74	-28.83	0-360	101	H
3	* ** 9.07247	35.51	Pk	35.9	-25.9	.3	45.81	54	-8.19	74	-28.19	0-360	199	H
6	* ** 9.4148	34.92	Pk	36.2	-25.7	.4	45.82	54	-8.18	74	-28.18	0-360	101	V

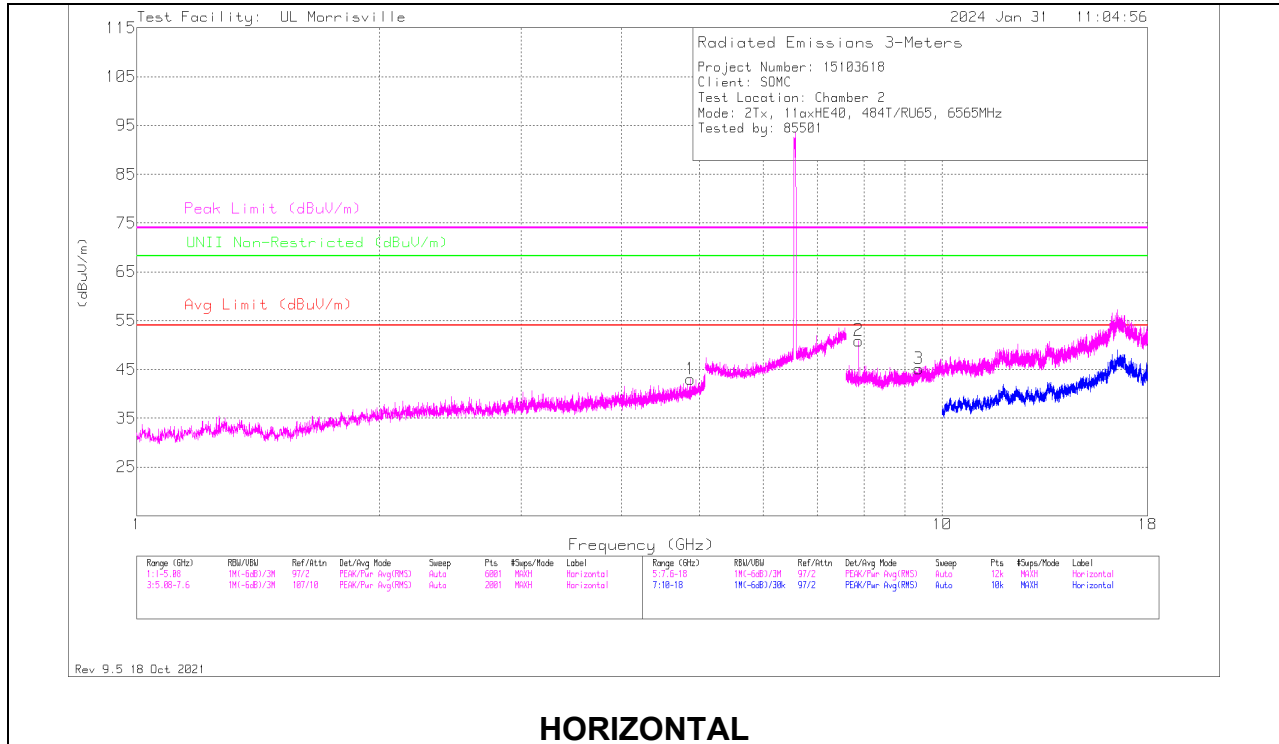
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

** - indicates frequency in Taiwan NCC LP0002 Restricted Band

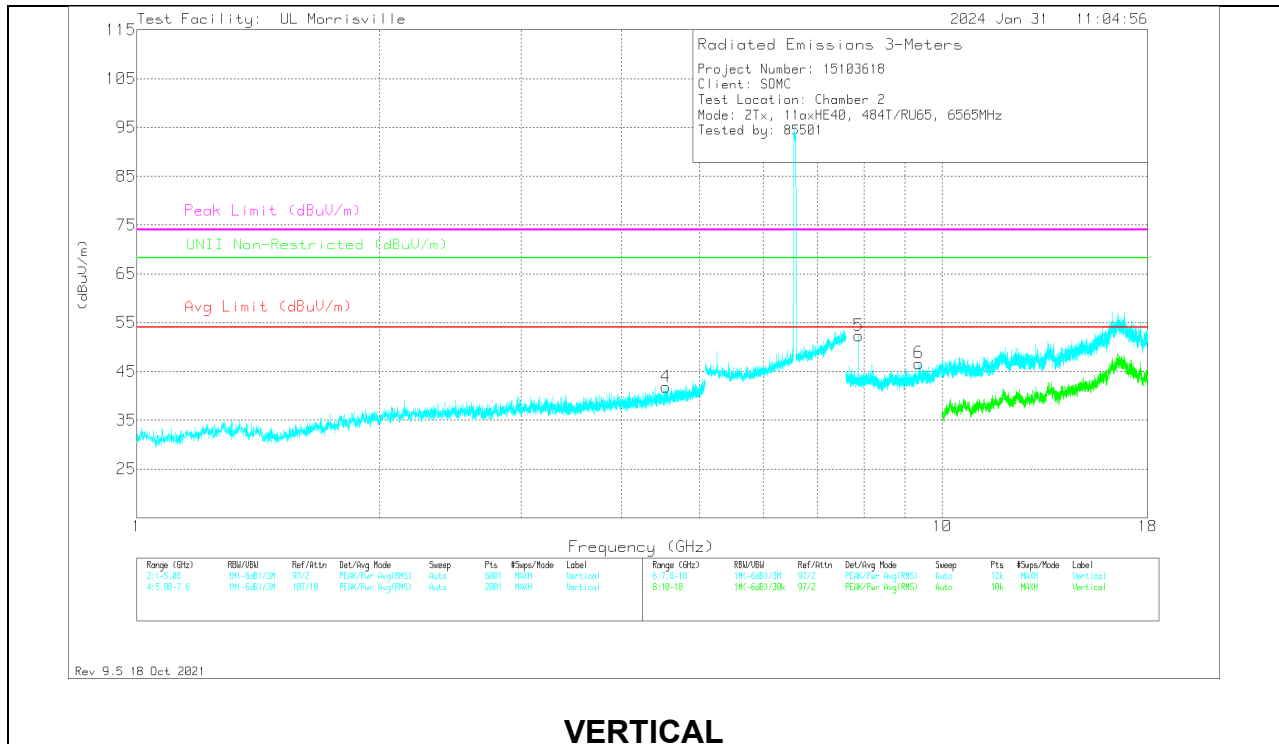
Pk - Peak detector

10.1.8. TX ABOVE 1 GHz 802.11ax HE40 MODE IN THE UNII-7 BAND
2TX CDD MODE: 484T
HARMONICS AND SPURIOUS EMISSIONS

LOW CHANNEL RESULTS



HORIZONTAL



VERTICAL

RADIATED EMISSIONS

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	86408 (dB/m)	Gain/Loss (dB)	Filter (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* ** 4.87328	38.96	Pk	34.1	-30	0	0	43.06	54	-10.94	74	-30.94	-	-	0-360	101	H
4	* ** 4.53804	39.17	Pk	34	-31.3	0	0	41.87	54	-12.13	74	-32.13	-	-	0-360	101	V
3	* ** 9.3576	34.56	Pk	36.1	-25.9	.4	0	45.16	54	-8.84	74	-28.84	-	-	0-360	101	H
6	* ** 9.3602	36.17	Pk	36.1	-26	.4	0	46.67	54	-7.33	74	-27.33	-	-	0-360	101	V
2	7.87803	43.9	PK2	35.9	-27.4	.8	0	53.2	-	-	-	-	68.2	-15	185	101	H
5	7.878	45.39	PK2	35.9	-27.4	.8	0	54.69	-	-	-	-	68.2	-13.51	201	103	V

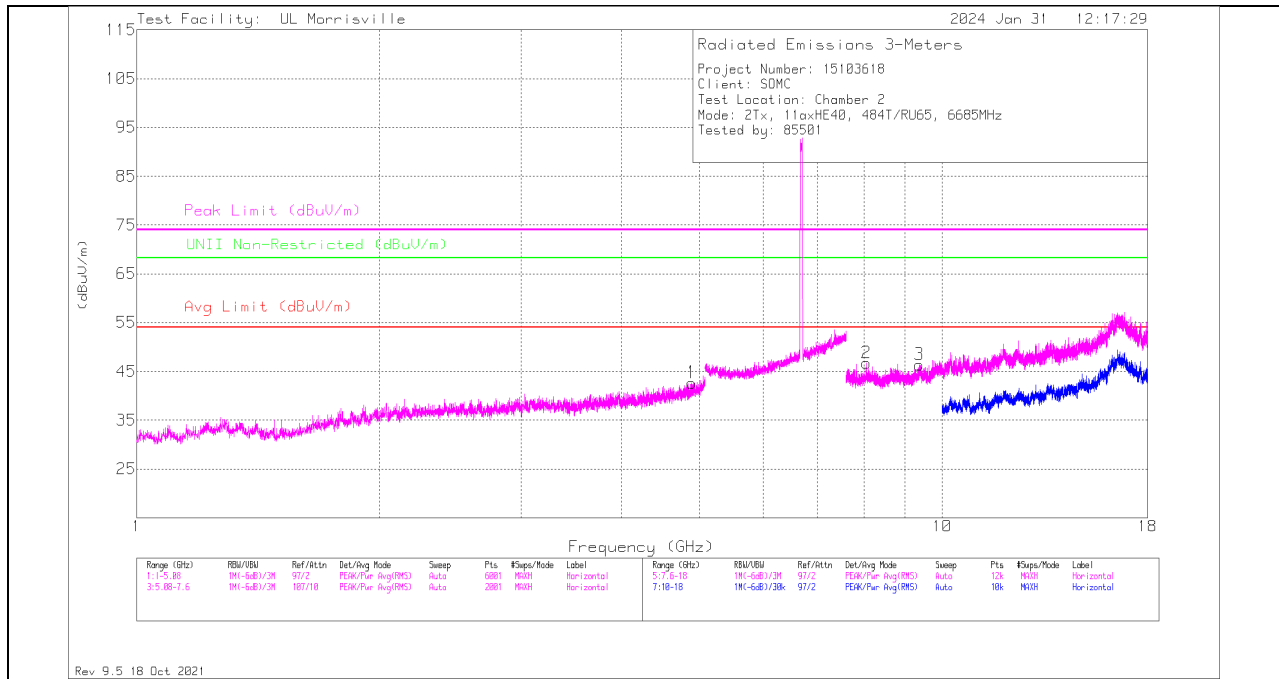
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

** - indicates frequency in Taiwan NCC LP0002 Restricted Band

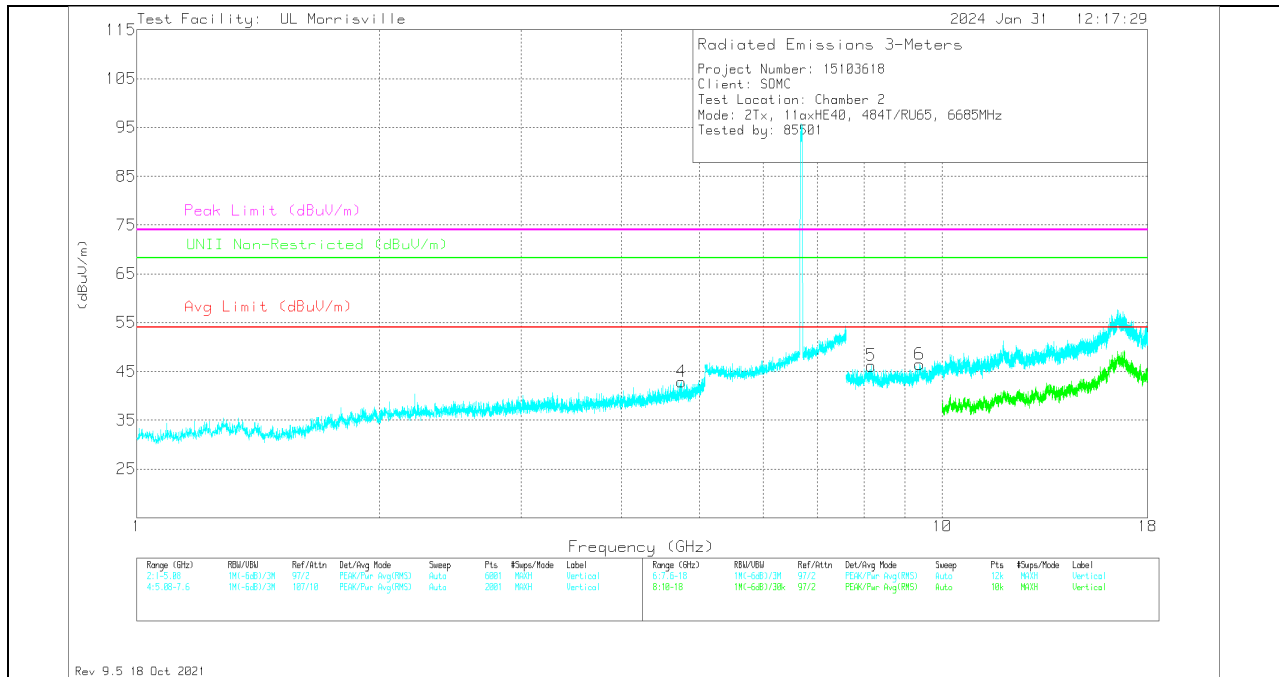
Pk - Peak detector

PK2 - Maximum Peak

MID CHANNEL RESULTS



HORIZONTAL



VERTICAL

RADIATED EMISSIONS

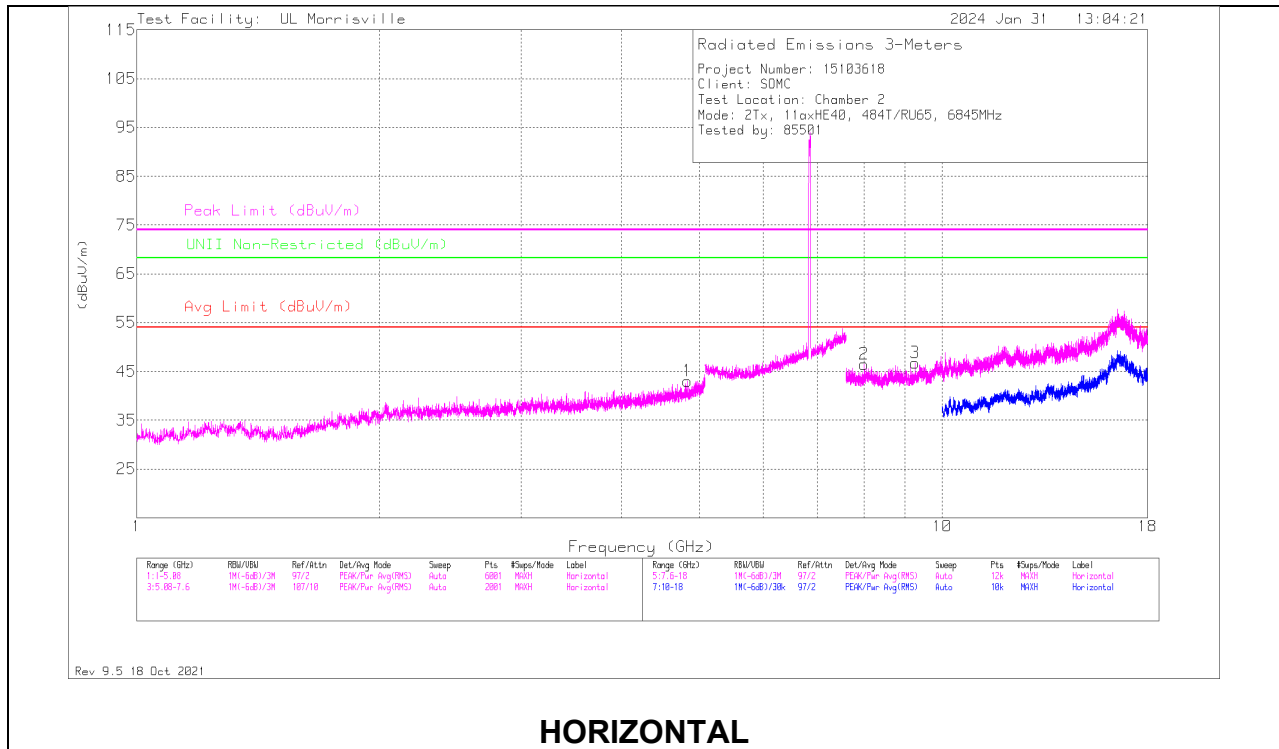
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	86408 (dB/m)	Gain/Loss (dB)	Filter (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* ** 4.88892	38.28	Pk	34.1	-29.7	0	42.68	54	-11.32	74	-31.32	0-360	101	H
4	* ** 4.7434	39.24	Pk	34.2	-30.6	0	42.84	54	-11.16	74	-31.16	0-360	199	V
2	* ** 8.06193	37	Pk	35.8	-27	.9	46.7	54	-7.3	74	-27.3	0-360	101	H
5	* ** 8.1694	36.54	Pk	35.8	-27.1	.9	46.14	54	-7.86	74	-27.86	0-360	199	V
3	* ** 9.37407	35.5	Pk	36.1	-25.6	.4	46.4	54	-7.6	74	-27.6	0-360	199	H
6	* ** 9.37927	35.8	Pk	36.2	-25.9	.4	46.5	54	-7.5	74	-27.5	0-360	199	V

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

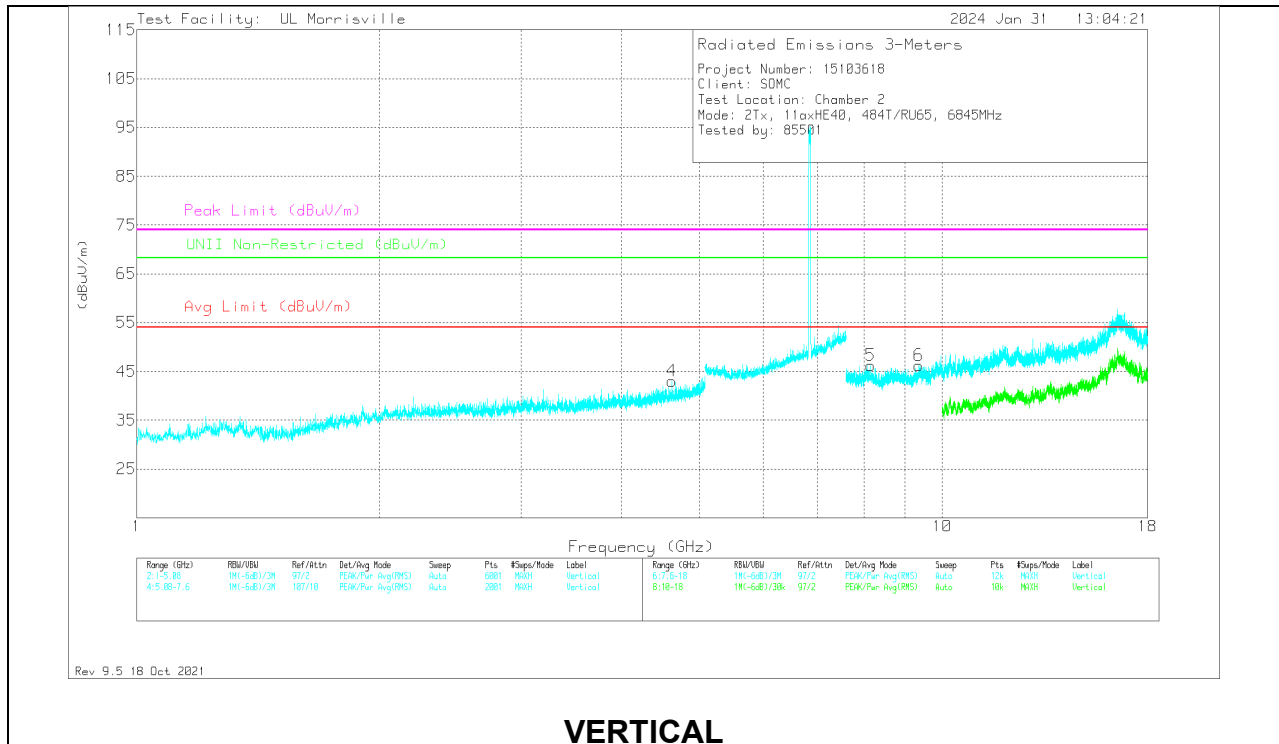
** - indicates frequency in Taiwan NCC LP0002 Restricted Band

Pk - Peak detector

HIGH CHANNEL RESULTS



HORIZONTAL



VERTICAL

RADIATED EMISSIONS

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	86408 (dB/m)	Gain/Loss (dB)	Filter (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* ** 4.82976	39.28	Pk	34.1	-30.4	0	42.98	54	-11.02	74	-31.02	-	-	0-360	101	H
4	* ** 4.61624	39.76	Pk	34	-30.7	0	43.06	54	-10.94	74	-30.94	-	-	0-360	200	V
5	* ** 8.14947	36.22	Pk	35.8	-26.6	.8	46.22	54	-7.78	74	-27.78	-	-	0-360	200	V
6	* ** 9.35673	35.59	Pk	36.1	-25.9	.4	46.19	54	-7.81	74	-27.81	-	-	0-360	101	V
2	8.00473	36.79	Pk	35.9	-27	.8	46.49	54	-7.51	-	-	68.2	-21.71	0-360	200	H
3	9.26313	36.29	Pk	36	-26	.4	46.69	54	-7.31	-	-	68.2	-21.51	0-360	200	H

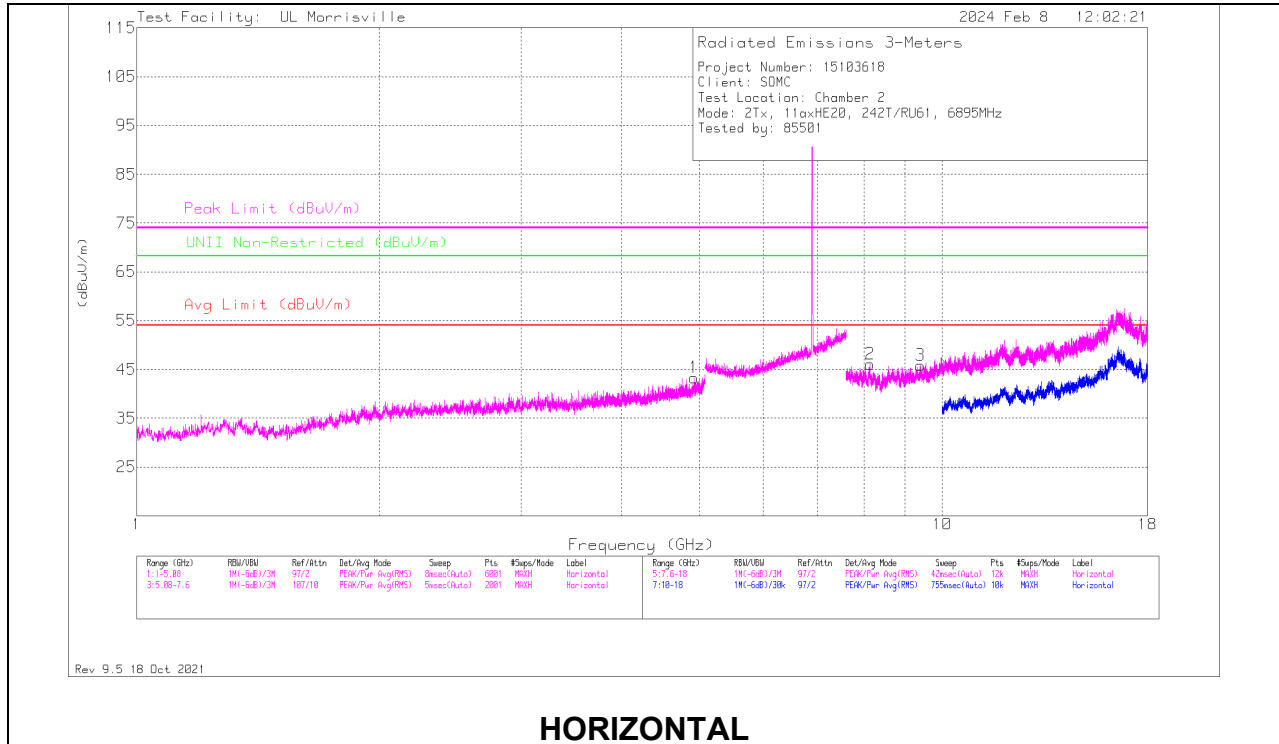
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

** - indicates frequency in Taiwan NCC LP0002 Restricted Band

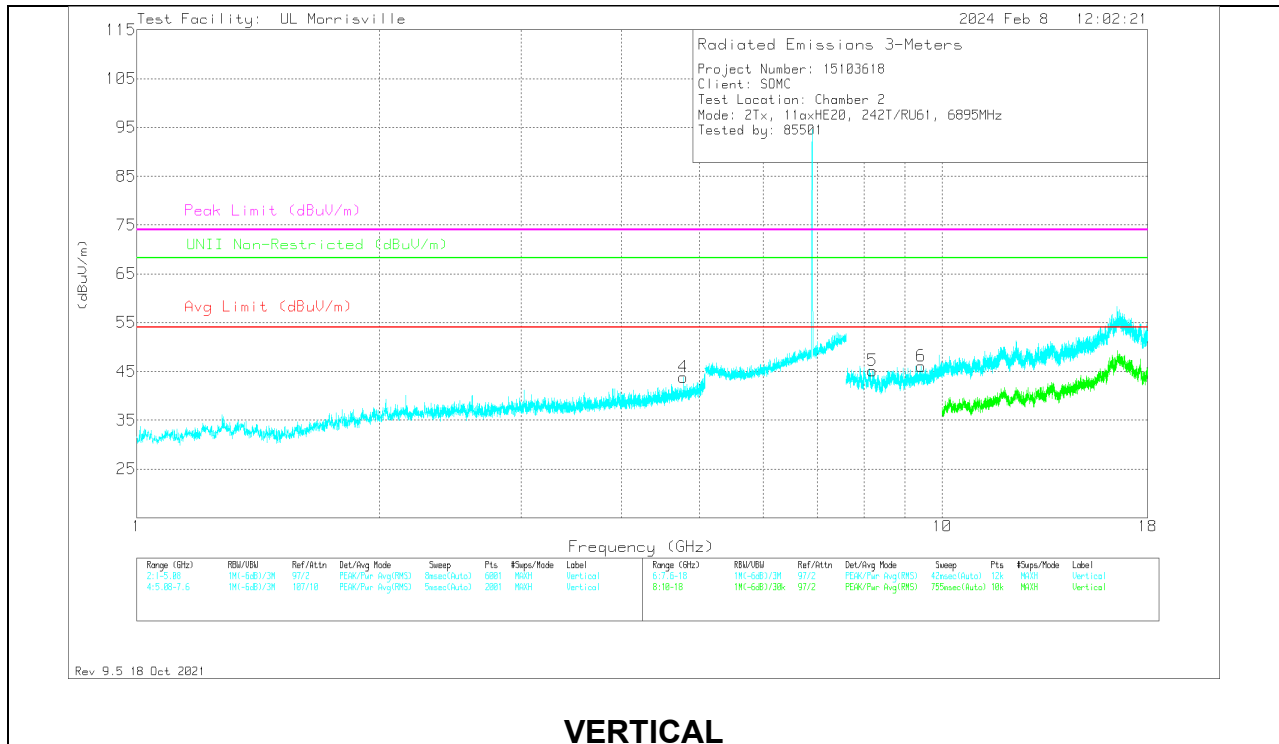
Pk - Peak detector

10.1.9. TX ABOVE 1 GHz 802.11ax HE20 MODE IN THE UNII-8 BAND
2TX CDD MODE: 242T
HARMONICS AND SPURIOUS EMISSIONS

LOW CHANNEL RESULTS



HORIZONTAL



VERTICAL

RADIATED EMISSIONS

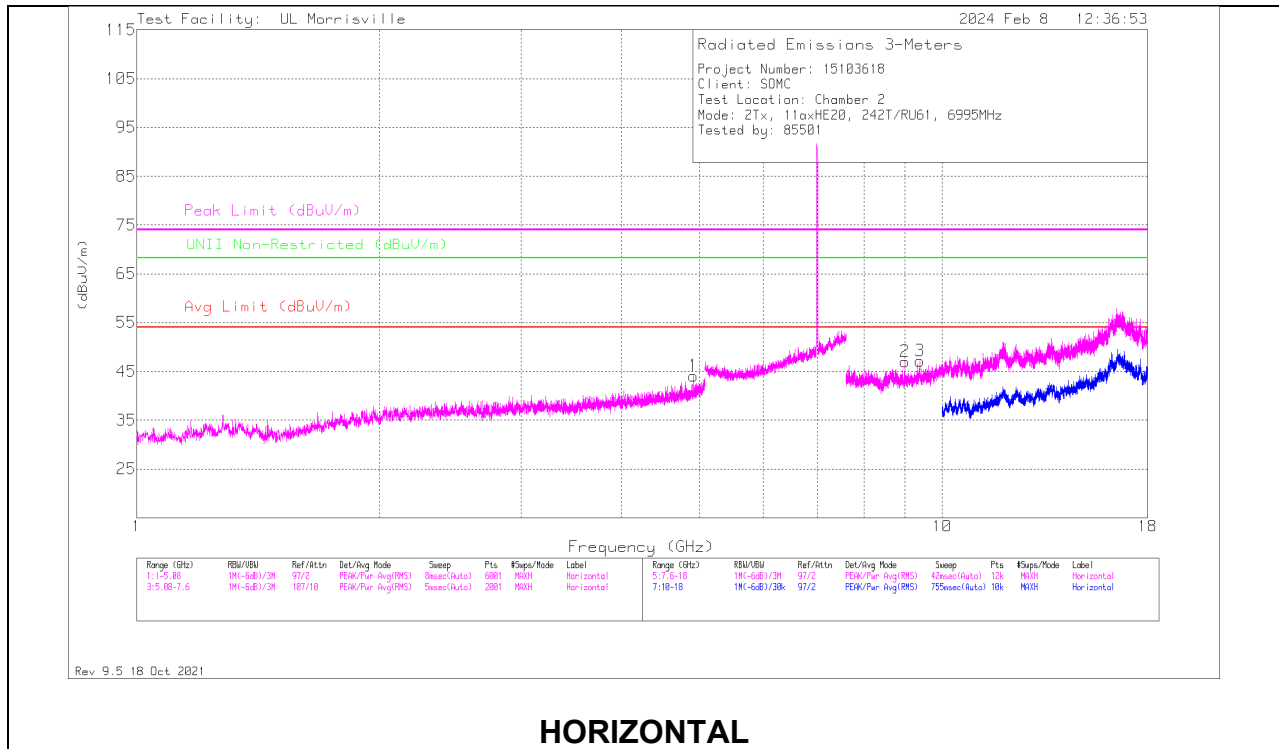
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	86408 (dB/m)	Gain/Loss (dB)	Filter (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* ** 4.92224	38.02	Pk	34.1	-28.9	0	43.22	54	-10.78	74	-30.78	0-360	101	H
4	* ** 4.7706	40.12	Pk	34.2	-30.5	0	43.82	54	-10.18	74	-30.18	0-360	101	V
2	* ** 8.1356	36.75	Pk	35.8	-27.2	.7	46.05	54	-7.95	74	-27.95	0-360	101	H
5	* ** 8.1954	35.48	Pk	35.8	-26.9	.8	45.18	54	-8.82	74	-28.82	0-360	101	V
3	* ** 9.4018	35.03	Pk	36.2	-25.8	.4	45.83	54	-8.17	74	-28.17	0-360	101	H
6	* ** 9.41913	35.22	Pk	36.2	-25.8	.4	46.02	54	-7.98	74	-27.98	0-360	200	V

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

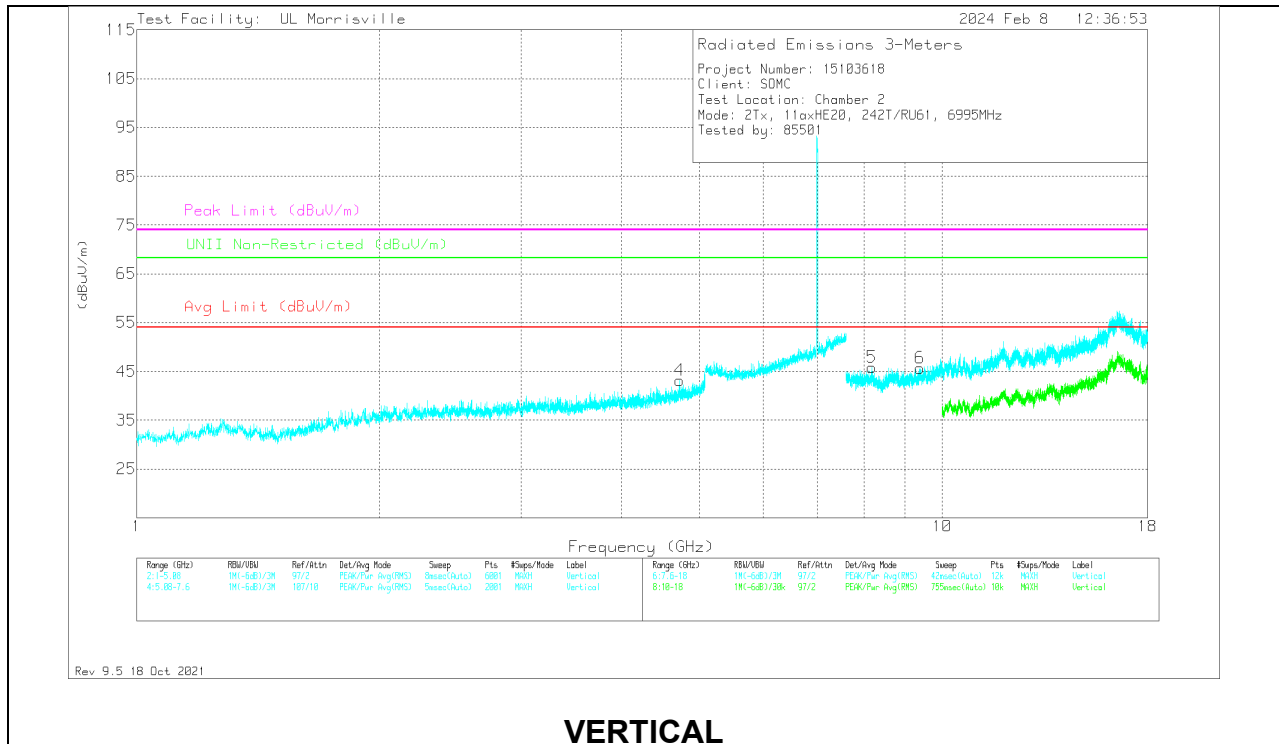
** - indicates frequency in Taiwan NCC LP0002 Restricted Band

Pk - Peak detector

MID CHANNEL RESULTS



HORIZONTAL



VERTICAL

RADIATED EMISSIONS

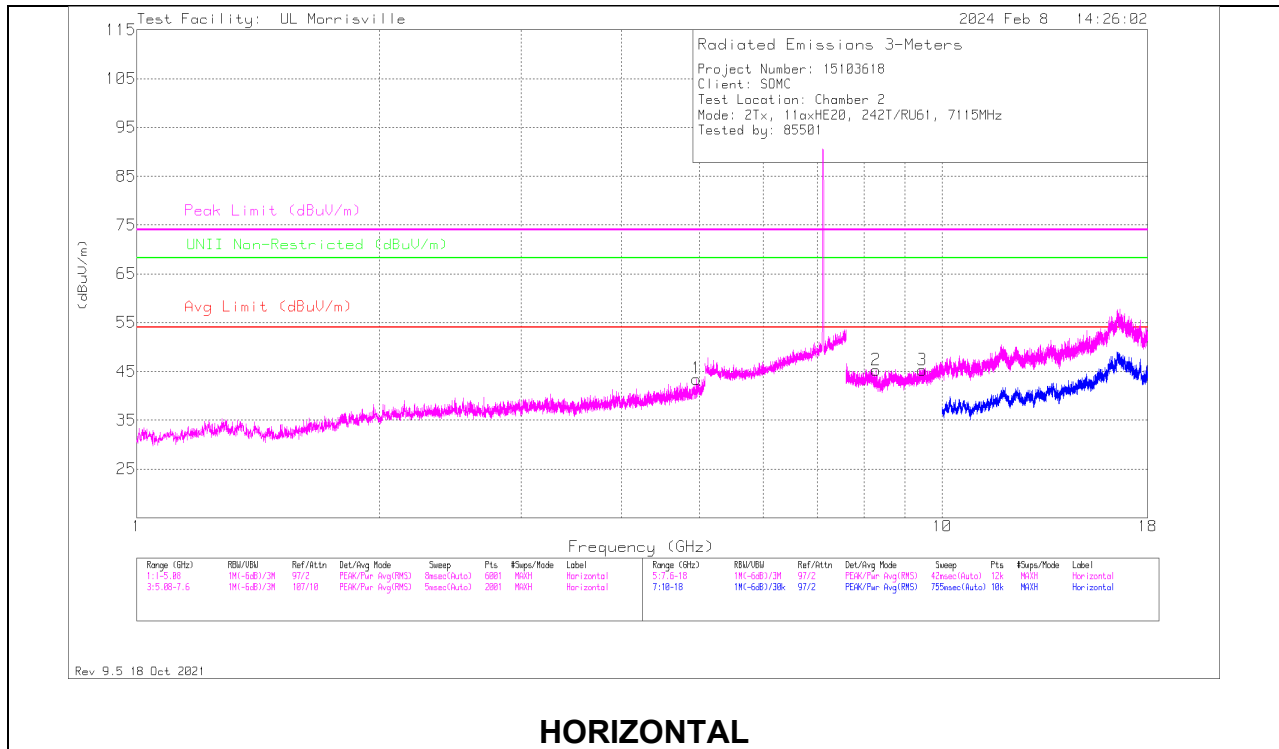
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	86408 (dB/m)	Gain/Loss (dB)	Filter (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* ** 4.91272	38.85	Pk	34.1	-28.9	0	44.05	54	-9.95	74	-29.95	-	-	0-360	101	H
4	* ** 4.71892	39.31	Pk	34.1	-30.3	0	43.11	54	-10.89	74	-30.89	-	-	0-360	101	V
3	* ** 9.3862	36.5	Pk	36.2	-26.1	.5	47.1	54	-6.9	74	-26.9	-	-	0-360	101	H
5	* ** 8.18067	35.93	Pk	35.8	-26.8	.9	45.83	54	-8.17	74	-28.17	-	-	0-360	101	V
6	* ** 9.38967	35.22	Pk	36.2	-26.1	.4	45.72	54	-8.28	74	-28.28	-	-	0-360	101	V
2	8.9988	37.11	Pk	35.9	-26.5	.5	47.01	-	-	-	-	68.2	-21.19	0-360	200	H

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

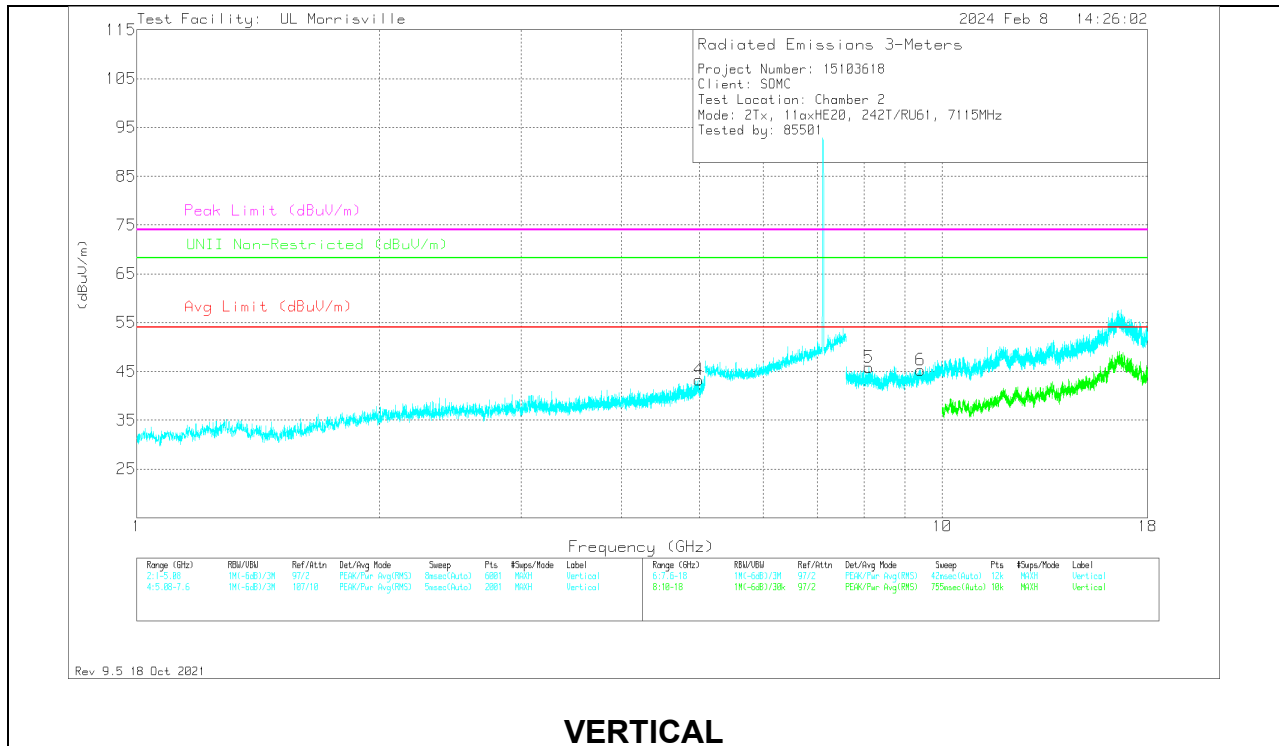
** - indicates frequency in Taiwan NCC LP0002 Restricted Band

Pk - Peak detector

HIGH CHANNEL RESULTS



HORIZONTAL



VERTICAL

RADIATED EMISSIONS

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	86408 (dB/m)	Gain/Loss (dB)	Filter (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* ** 4.95352	38.18	Pk	34	-28.7	0	43.48	54	-10.52	74	-30.52	0-360	101	H
4	* ** 4.98752	38.65	Pk	34	-29.4	0	43.25	54	-10.75	74	-30.75	0-360	200	V
5	* ** 8.10787	36.13	Pk	35.8	-26.8	.7	45.83	54	-8.17	74	-28.17	0-360	101	V
2	* ** 8.28467	35.86	Pk	35.8	-27	.6	45.26	54	-8.74	74	-28.74	0-360	199	H
6	* ** 9.4018	34.53	Pk	36.2	-25.8	.4	45.33	54	-8.67	74	-28.67	0-360	101	V
3	* ** 9.45727	34.32	Pk	36.3	-25.7	.3	45.22	54	-8.78	74	-28.78	0-360	199	H

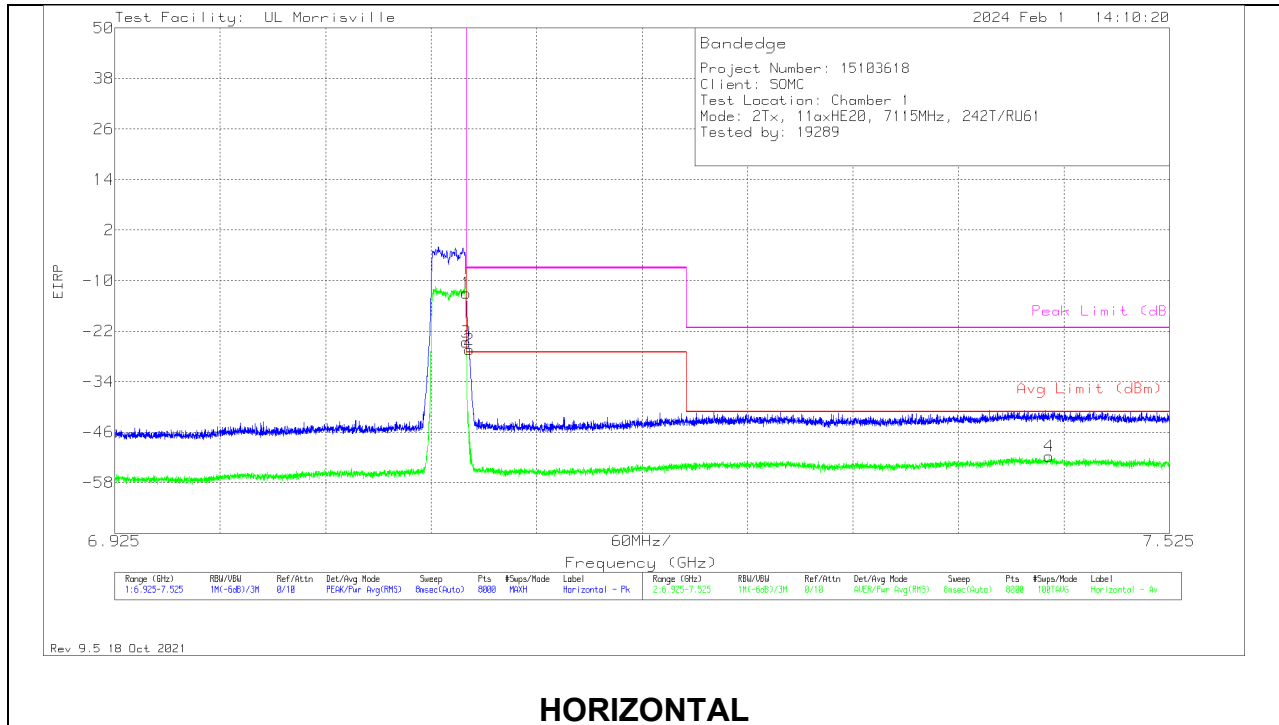
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

** - indicates frequency in Taiwan NCC LP0002 Restricted Band

Pk - Peak detector

BANDEDGE EMISSIONS

HIGH CHANNEL RESULTS



HORIZONTAL

Marker	Frequency (GHz)	Meter Reading (dBm)	Det	206211 (dB/m)	Gain/Loss (dB)	Conversion Factor (dB)	DC Corr (dB)	Corrected Reading EIRP	Avg Limit (dBm)	RMS Margin (dB)	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
4	* ** 7.45666	-82.69	RMS	35.7	-16.8	11.8	.25	-51.74	-41.2	-10.54	-	-	190	210	H
1	7.12505	-41.38	Pk	35.6	-19	11.8	0	-12.98	-	-	-7	-5.98	190	210	H
3 ¹	7.12505	-69.8	RMS	35.6	-19	11.8	.25	-41.15	-27	-14.15	-	-	190	210	H
2	7.1267	-54.95	Pk	35.6	-18.9	11.8	0	-26.45	-	-	-7	-19.45	190	210	H

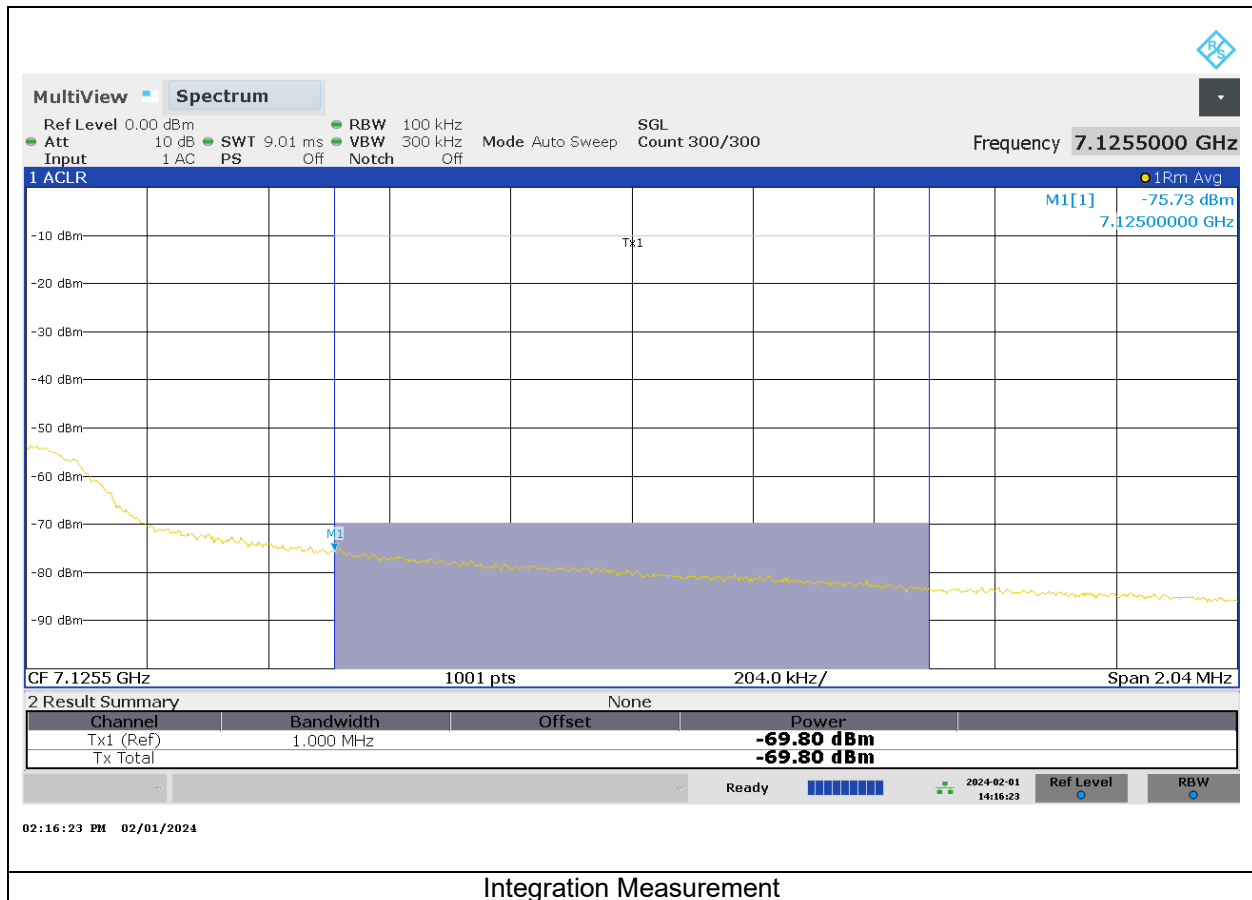
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

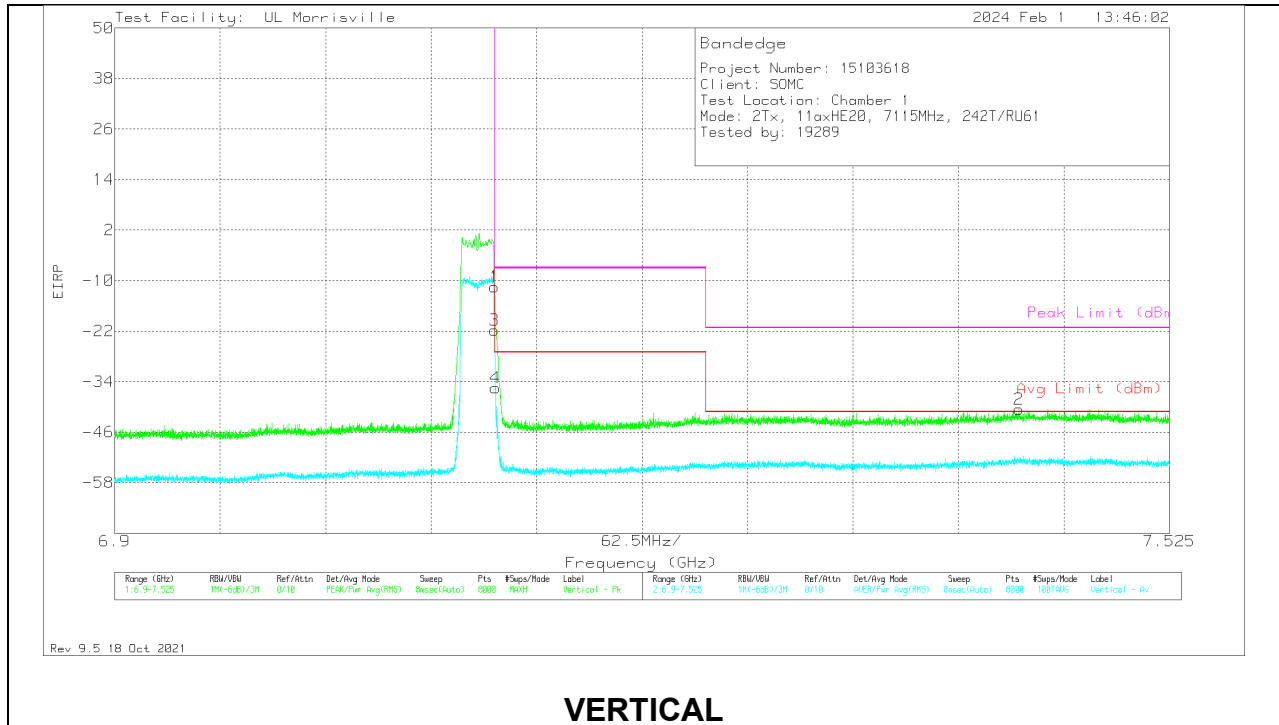
** - indicates frequency in Taiwan NCC LP0002 Restricted Band

Pk - Peak detector

RMS - RMS detection

1 - Integration method per C63.10: 2020, Clause 11.12.3.2 was utilized for this measurement. See following page.





VERTICAL

Marker	Frequency (GHz)	Meter Reading (dBm)	Det	206211 (dB/m)	Gain/Loss (dB)	Conversion Factor (dB)	DC Corr (dB)	Corrected Reading EIRP	Avg Limit (dBm)	RMS Margin (dB)	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
2	* ** 7.43569	-71.37	Pk	35.7	-16.7	11.8	0	-40.57	-	-	-21.2	-19.37	44	128	V
1	7.12503	-39.92	Pk	35.6	-19	11.8	0	-11.52	-	-	-7	-4.52	44	128	V
3 ¹	7.12503	-67.73	RMS	35.6	-19	11.8	.25	-39.08	-27	-12.08	-	-	44	128	V
4	7.12558	-64.23	RMS	35.6	-18.9	11.8	.25	-35.48	-27	-8.48	-	-	44	128	V

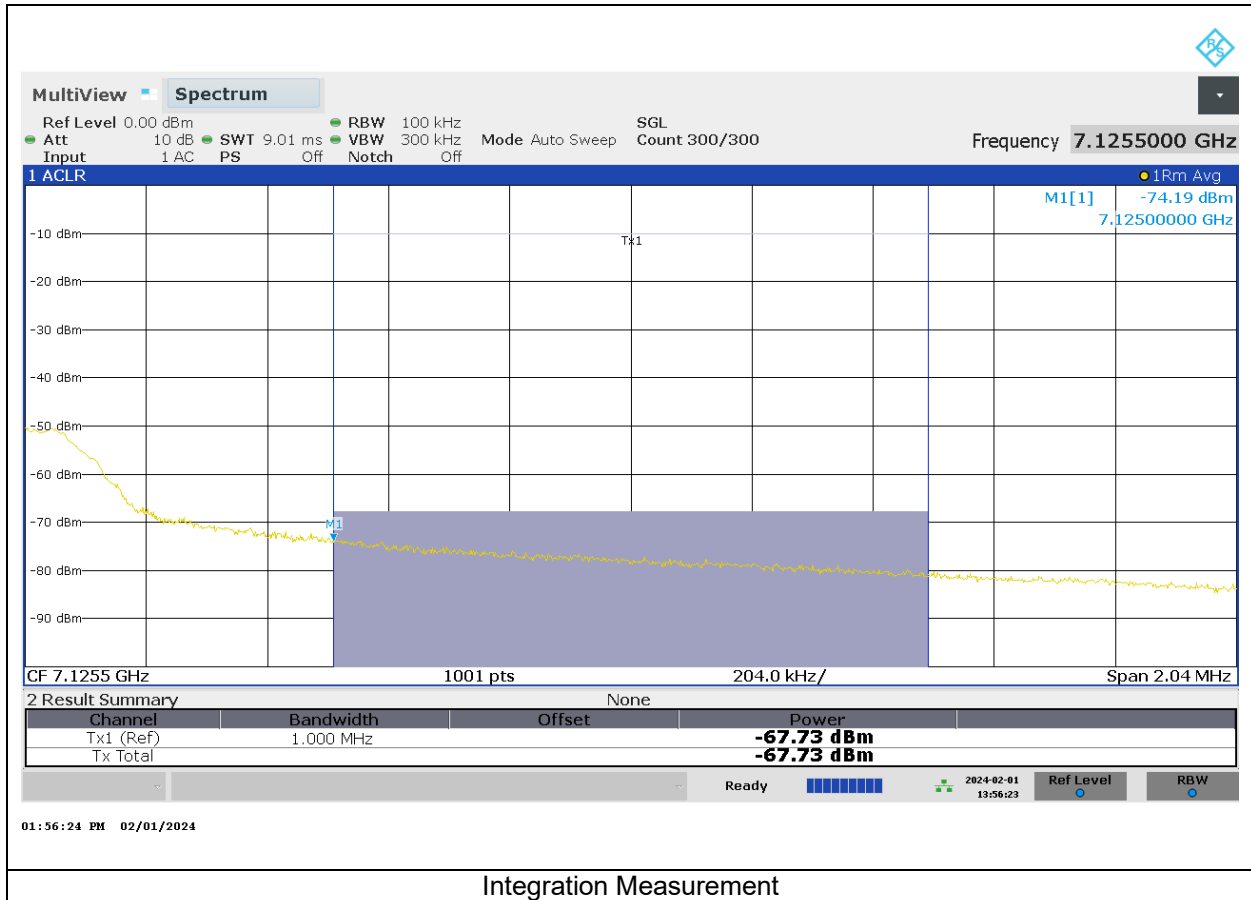
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

** - indicates frequency in Taiwan NCC LP0002 Restricted Band

Pk - Peak detector

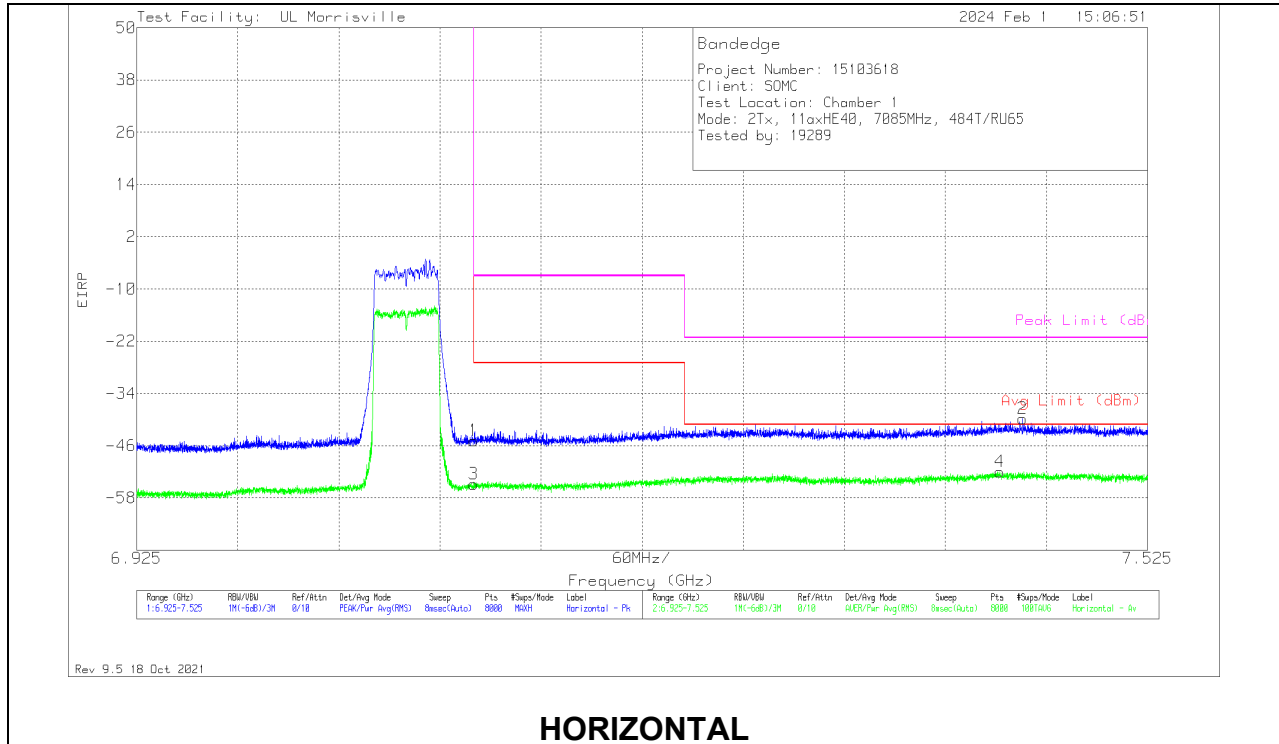
RMS - RMS detection

1 - Integration method per C63.10: 2020, Clause 11.12.3.2 was utilized for this measurement. See following page.



10.1.10. TX ABOVE 1 GHz 802.11ax HE40 MODE IN THE UNII-8 BAND
2TX CDD MODE: 484T
BANDEDGE EMISSIONS

HIGH CHANNEL RESULTS



HORIZONTAL

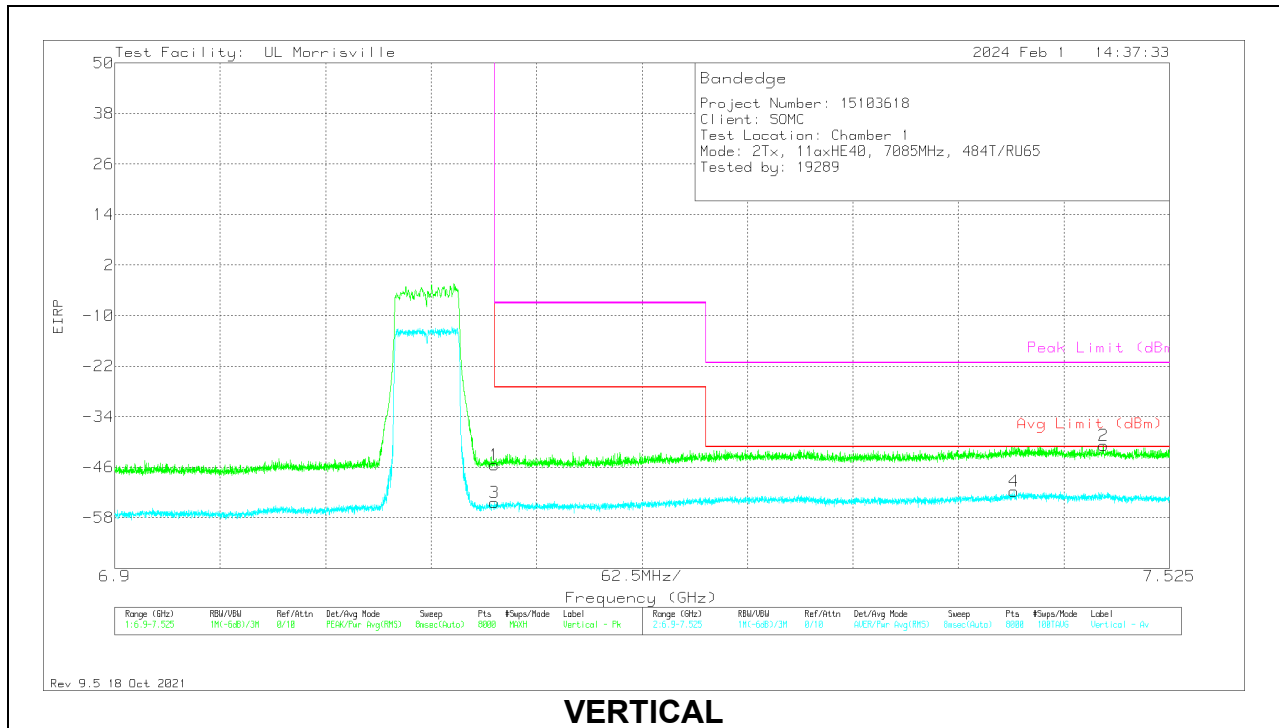
Marker	Frequency (GHz)	Meter Reading (dBm)	Det	206211 (dB/m)	Gain/Loss (dB)	Conversion Factor (dB)	DC Corr (dB)	Corrected Reading EIRP	Avg Limit (dBm)	RMS Margin (dB)	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
2	* ** 7.45089	-70.39	Pk	35.7	-16.9	11.8	0	-39.79	-	-	-21.2	-18.59	191	161	H
4	* ** 7.43731	-83.12	RMS	35.7	-16.7	11.8	.29	-52.03	-41.2	-10.83	-	-	191	161	H
1	7.12505	-73.23	Pk	35.6	-19	11.8	0	-44.83	-	-	-7	-37.83	191	161	H
3	7.12505	-83.49	RMS	35.6	-19	11.8	.29	-54.8	-27	-27.8	-	-	191	161	H

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

** - indicates frequency in Taiwan NCC LP0002 Restricted Band

Pk - Peak detector

RMS - RMS detection



VERTICAL

Marker	Frequency (GHz)	Meter Reading (dBm)	Det	206211 (dB/m)	Gain/Loss (dB)	Conversion Factor (dB)	DC Corr (dB)	Corrected Reading EIRP	Avg Limit (dBm)	RMS Margin (dB)	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
2	* ** 7.48586	-71.69	Pk	35.6	-16.5	11.8	0	-40.79	-	-	-21.2	-19.59	199	200	V
4	* ** 7.43288	-82.69	RMS	35.7	-16.8	11.8	.29	-51.7	-41.2	-10.5	-	-	199	200	V
1	7.12503	-73.85	Pk	35.6	-19	11.8	0	-45.45	-	-	-7	-38.45	199	200	V
3	7.12503	-83.1	RMS	35.6	-19	11.8	.29	-54.41	-27	-27.41	-	-	199	200	V

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

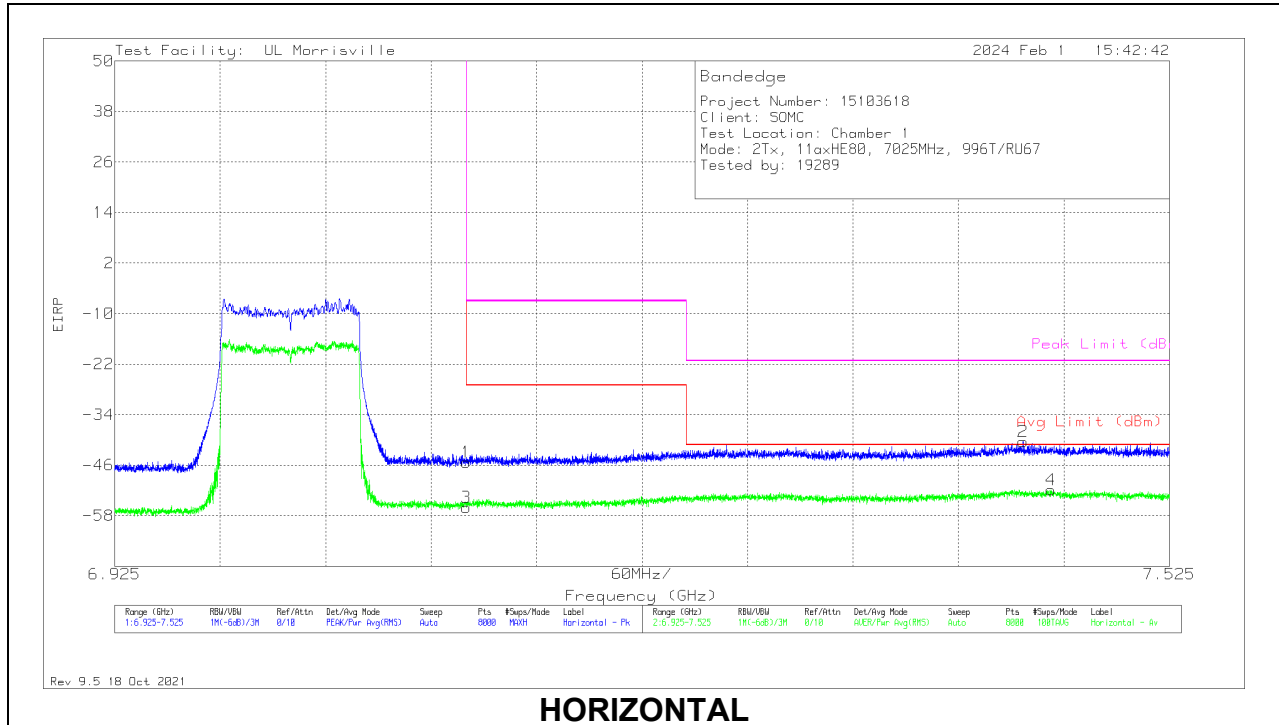
** - indicates frequency in Taiwan NCC LP0002 Restricted Band

Pk - Peak detector

RMS - RMS detection

10.1.11. TX ABOVE 1 GHz 802.11ax HE80 MODE IN THE UNII-8 BAND
2TX CDD MODE: 996T
BANDEDGE EMISSIONS

HIGH CHANNEL RESULTS



HORIZONTAL

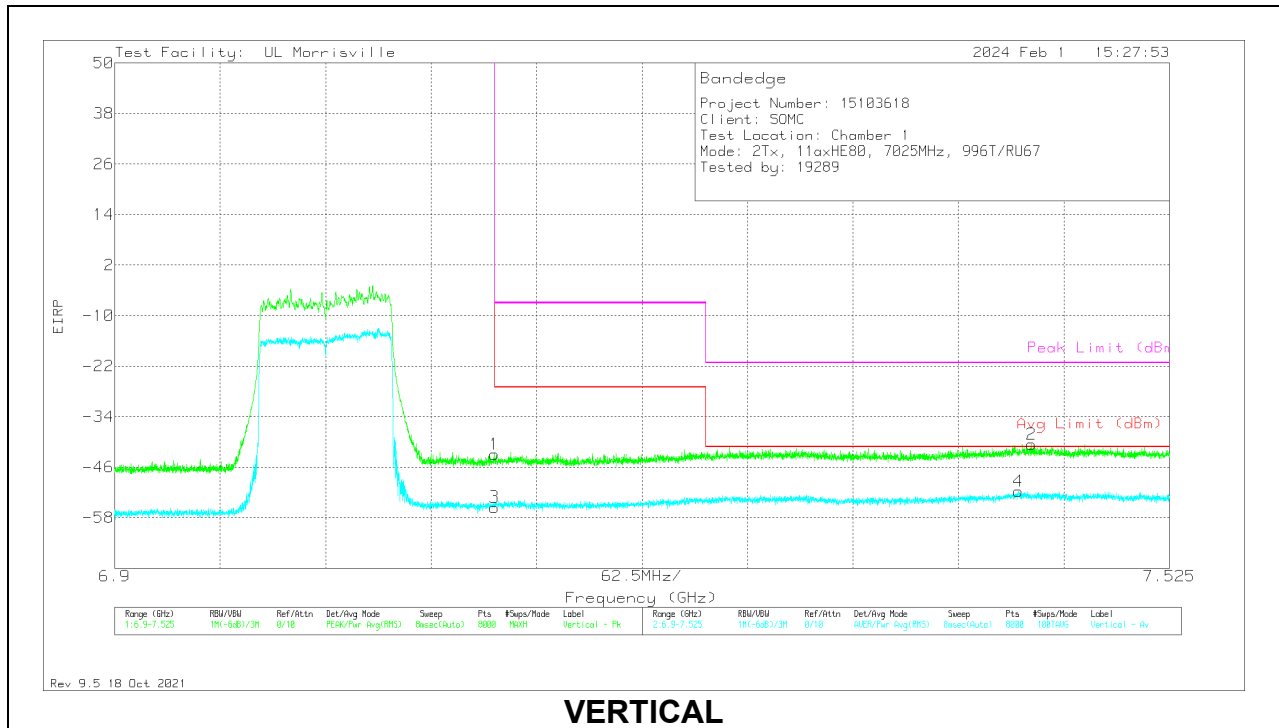
Marker	Frequency (GHz)	Meter Reading (dBm)	Det	206211 (dB/m)	Gain/Loss (dB)	Conversion Factor (dB)	DC Corr (dB)	Corrected Reading EIRP	Avg Limit (dBm)	RMS Margin (dB)	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
2	* ** 7.44174	-71.13	Pk	35.7	-16.8	11.8	0	-40.43	-	-	-21.2	-19.23	193	311	H
4	* ** 7.45771	-82.93	RMS	35.7	-16.8	11.8	.38	-51.85	-41.2	-10.65	-	-	193	311	H
1	7.12505	-73.74	Pk	35.6	-19	11.8	0	-45.34	-	-	-7	-38.34	193	311	H
3	7.12505	-84.76	RMS	35.6	-19	11.8	.38	-55.98	-27	-28.98	-	-	193	311	H

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

** - indicates frequency in Taiwan NCC LP0002 Restricted Band

Pk - Peak detector

RMS - RMS detection



VERTICAL

Marker	Frequency (GHz)	Meter Reading (dBm)	Det	206211 (dB/m)	Gain/Loss (dB)	Conversion Factor (dB)	DC Corr (dB)	Corrected Reading EIRP	Avg Limit (dBm)	RMS Margin (dB)	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
2	* ** 7.44319	-71.12	Pk	35.7	-16.9	11.8	0	-40.52	-	-	-21.2	-19.32	204	199	V
4	* ** 7.43538	-82.86	RMS	35.7	-16.7	11.8	.38	-51.68	-41.2	-10.48	-	-	204	199	V
1	7.12503	-71.26	Pk	35.6	-19	11.8	0	-42.86	-	-	-7	-35.86	204	199	V
3	7.12503	-84.3	RMS	35.6	-19	11.8	.38	-55.52	-27	-28.52	-	-	204	199	V

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

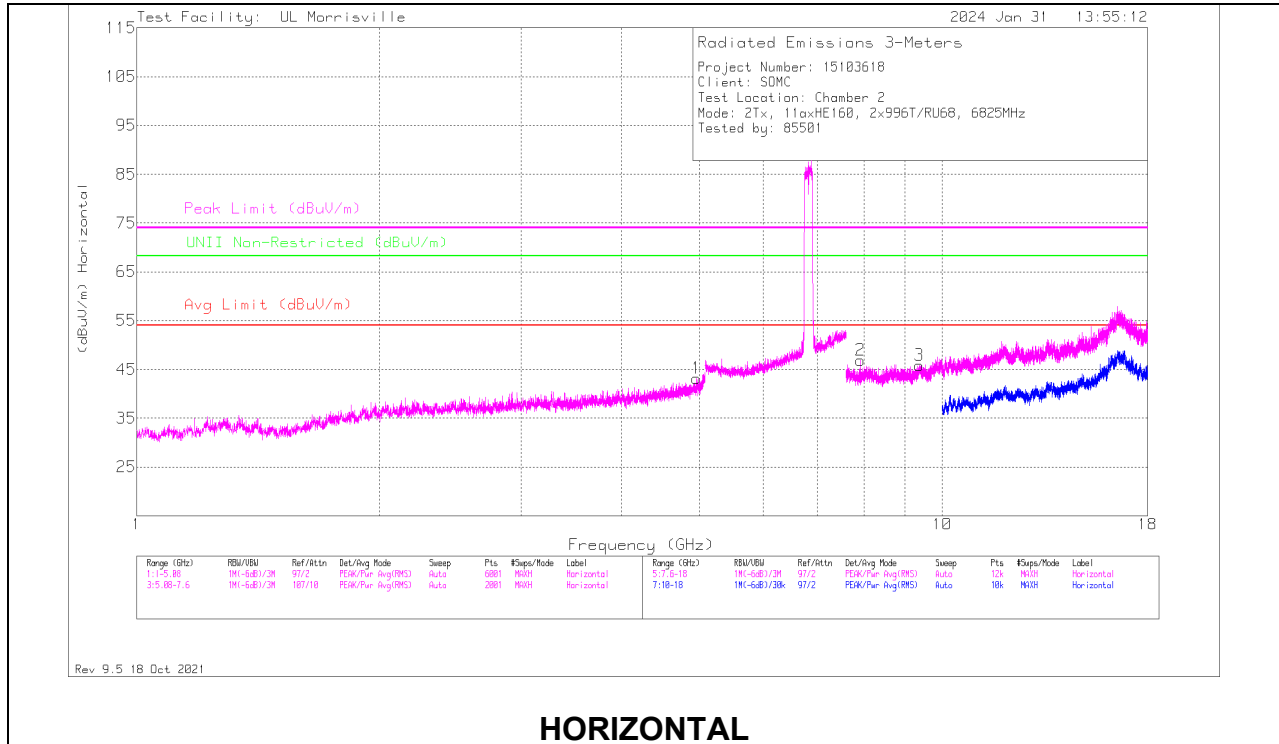
** - indicates frequency in Taiwan NCC LP0002 Restricted Band

Pk - Peak detector

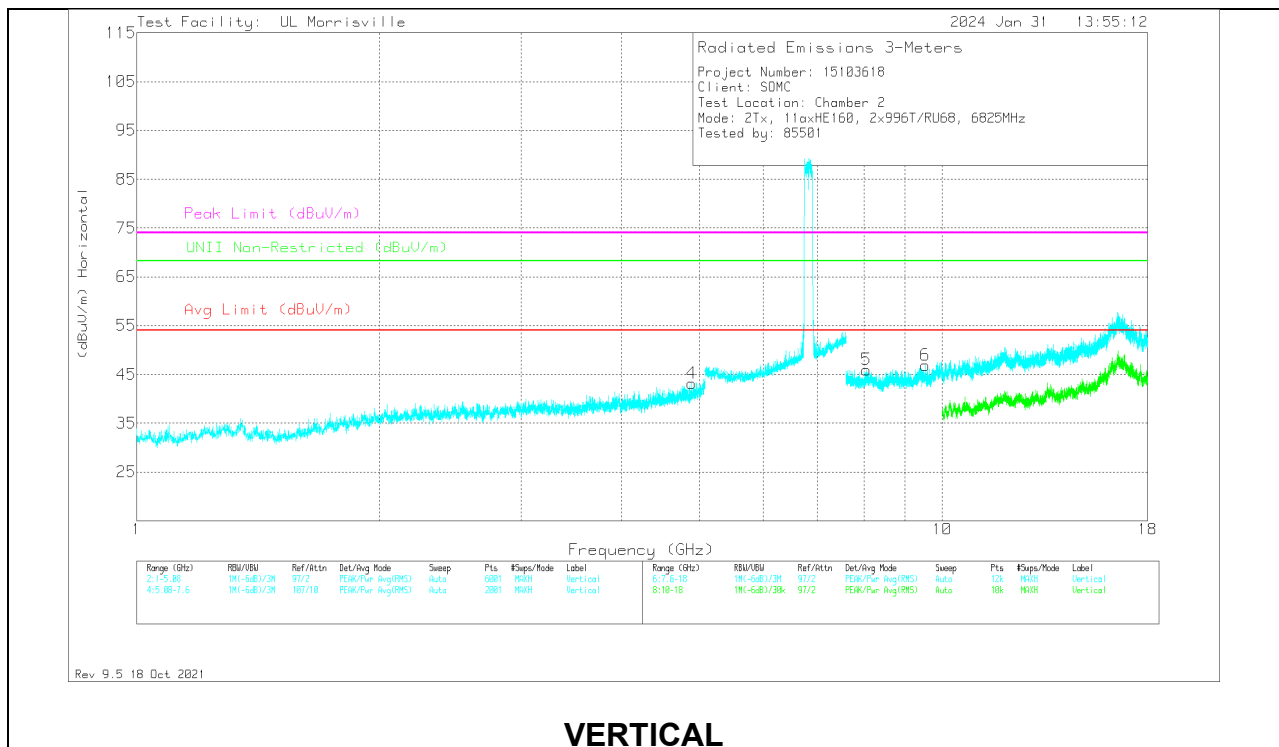
RMS - RMS detection

10.1.12. TX ABOVE 1 GHz 802.11ax HE160 MODE IN THE UNII-8 BAND
2TX CDD MODE: 2x996T
HARMONICS AND SPURIOUS EMISSIONS

LOW CHANNEL RESULTS



HORIZONTAL



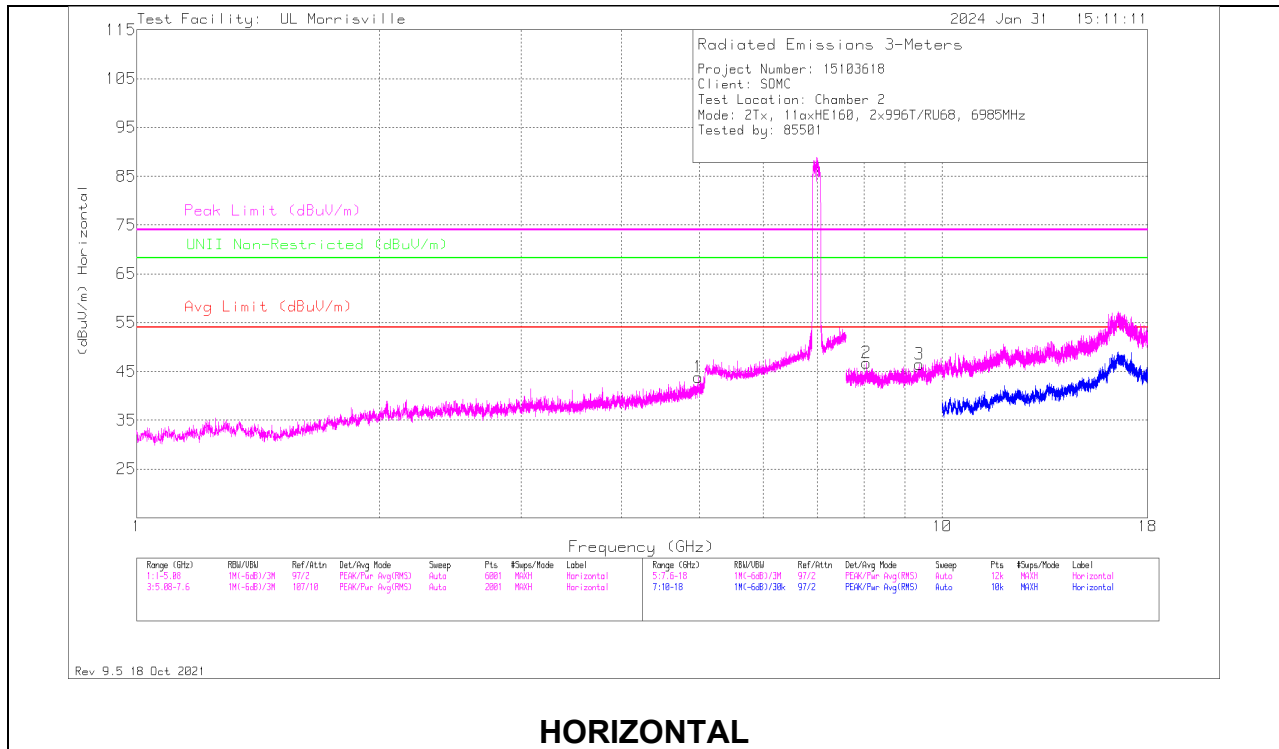
VERTICAL

RADIATED EMISSIONS

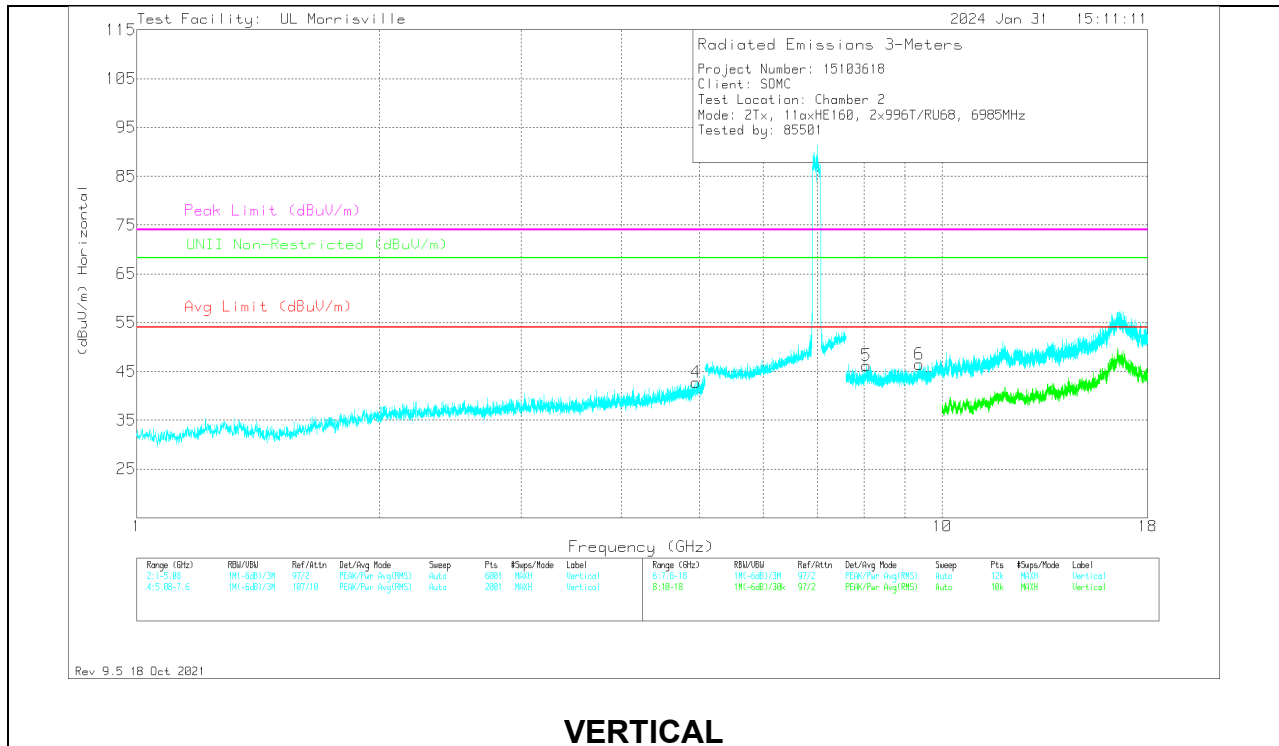
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	86408 (dB/m)	Gain/Loss (dB)	Filter (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	*** 4.95284	37.8	Pk	34	-28.7	0	43.1	54	-10.9	74	-30.9	-	-	0-360	199	H
4	*** 4.89028	38.76	Pk	34.1	-29.7	0	43.16	54	-10.84	74	-30.84	-	-	0-360	101	V
3	*** 9.3732	34.95	Pk	36.1	-25.6	.4	45.85	54	-8.15	74	-28.15	-	-	0-360	199	H
5	*** 8.0524	36.05	Pk	35.8	-26.8	.9	45.95	54	-8.05	74	-28.05	-	-	0-360	101	V
2	7.91547	37.02	Pk	35.9	-26.9	.8	46.82	54	-7.18	-	-	68.2	-21.38	0-360	101	H
6	9.52833	35.39	Pk	36.4	-25.4	.5	46.89	54	-7.11	-	-	68.2	-21.31	0-360	101	V

* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band
 ** - indicates frequency in Taiwan NCC LP0002 Restricted Band
 Pk - Peak detector

HIGH CHANNEL RESULTS



HORIZONTAL



VERTICAL

RADIATED EMISSIONS

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	86408 (dB/m)	Gain/Loss (dB)	Filter (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* ** 4.97732	38.68	Pk	34	-28.9	0	43.78	54	-10.22	74	-30.22	0-360	101	H
4	* ** 4.94944	37.63	Pk	34	-28.9	0	42.73	54	-11.27	74	-31.27	0-360	200	V
5	* ** 8.055	36.31	Pk	35.8	-26.8	.9	46.21	54	-7.79	74	-27.79	0-360	200	V
2	* ** 8.0628	36.98	Pk	35.8	-27	.9	46.68	54	-7.32	74	-27.32	0-360	101	H
3	* ** 9.37147	35.64	Pk	36.1	-25.7	.4	46.44	54	-7.56	74	-27.56	0-360	200	H
6	* ** 9.3732	35.6	Pk	36.1	-25.6	.4	46.5	54	-7.5	74	-27.5	0-360	101	V

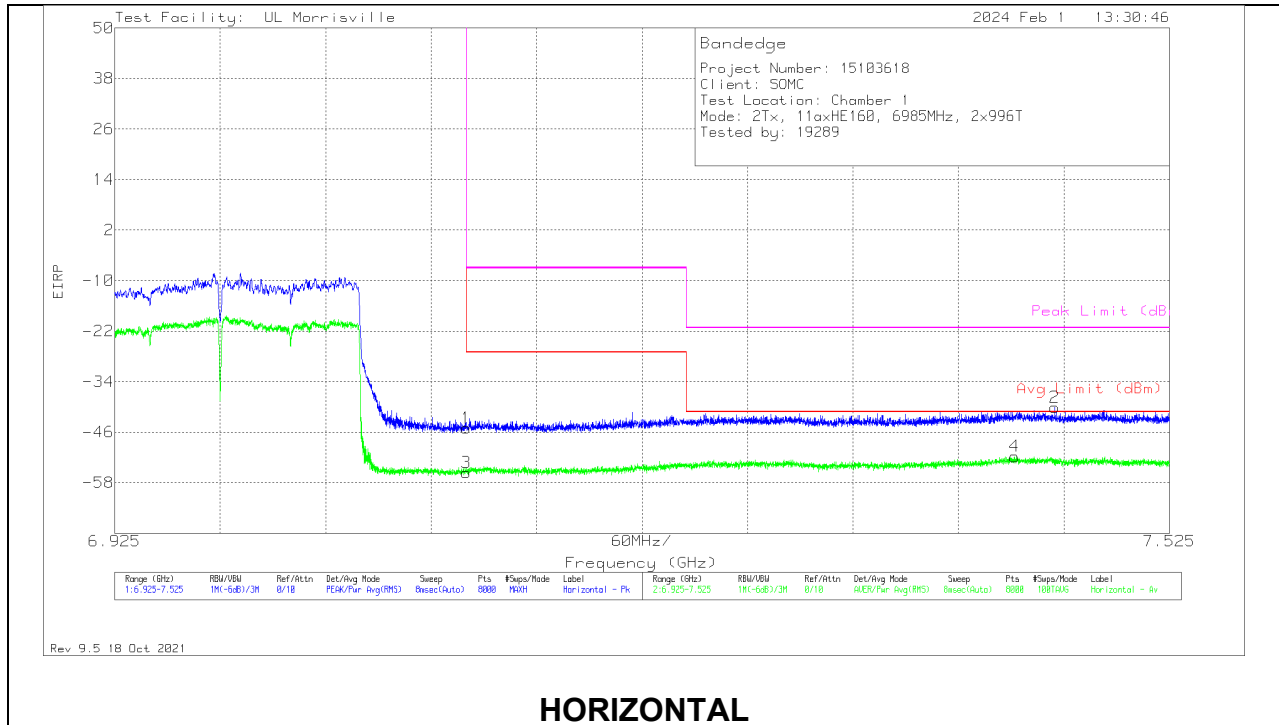
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

** - indicates frequency in Taiwan NCC LP0002 Restricted Band

Pk - Peak detector

BANDEDGE EMISSIONS

HIGH CHANNEL RESULTS



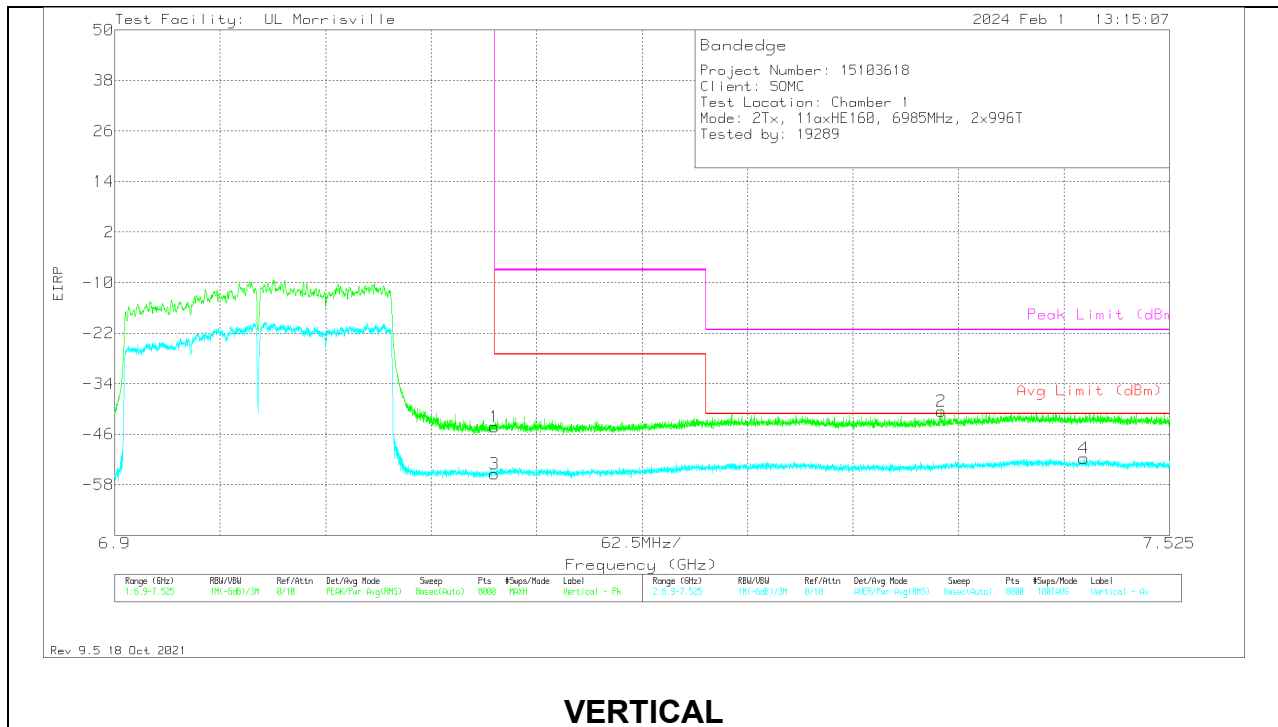
Marker	Frequency (GHz)	Meter Reading (dBm)	Det	206211 (dB/m)	Gain/Loss (dB)	Conversion Factor (dB)	DC Corr (dB)	Corrected Reading EIRP	Avg Limit (dBm)	RMS Margin (dB)	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
2	*** 7.45974	-70.73	Pk	35.7	-16.9	11.8	0	-40.13	-	-	-21.2	-18.93	206	352	H
4	*** 7.43701	-82.97	RMS	35.7	-16.7	11.8	0.41	-51.76	-41.2	-10.56	-	-	206	352	H
1	7.12505	-73.47	Pk	35.6	-19	11.8	0	-45.07	-	-	-7	-38.07	206	352	H
3	7.12505	-84.32	RMS	35.6	-19	11.8	0.41	-55.51	-27	-28.51	-	-	206	352	H

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

** - indicates frequency in Taiwan NCC LP0002 Restricted Band

Pk - Peak detector

RMS - RMS detection



VERTICAL

Marker	Frequency (GHz)	Meter Reading (dBm)	Det	206211 (dB/m)	Gain/Loss (dB)	Conversion Factor (dB)	DC Corr (dB)	Corrected Reading EIRP	Avg Limit (dBm)	RMS Margin (dB)	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
2	*** 7.38967	-70.88	Pk	35.7	-17.1	11.8	0	-40.48	-	-	-21.2	-19.28	262	396	V
4	*** 7.47429	-82.69	RMS	35.6	-16.8	11.8	0.41	-51.68	-41.2	-10.48	-	-	262	396	V
1	7.12503	-72.73	Pk	35.6	-19	11.8	0	-44.33	-	-	-7	-37.33	262	396	V
3	7.12503	-84.26	RMS	35.6	-19	11.8	0.41	-55.45	-27	-28.45	-	-	262	396	V

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

** - indicates frequency in Taiwan NCC LP0002 Restricted Band

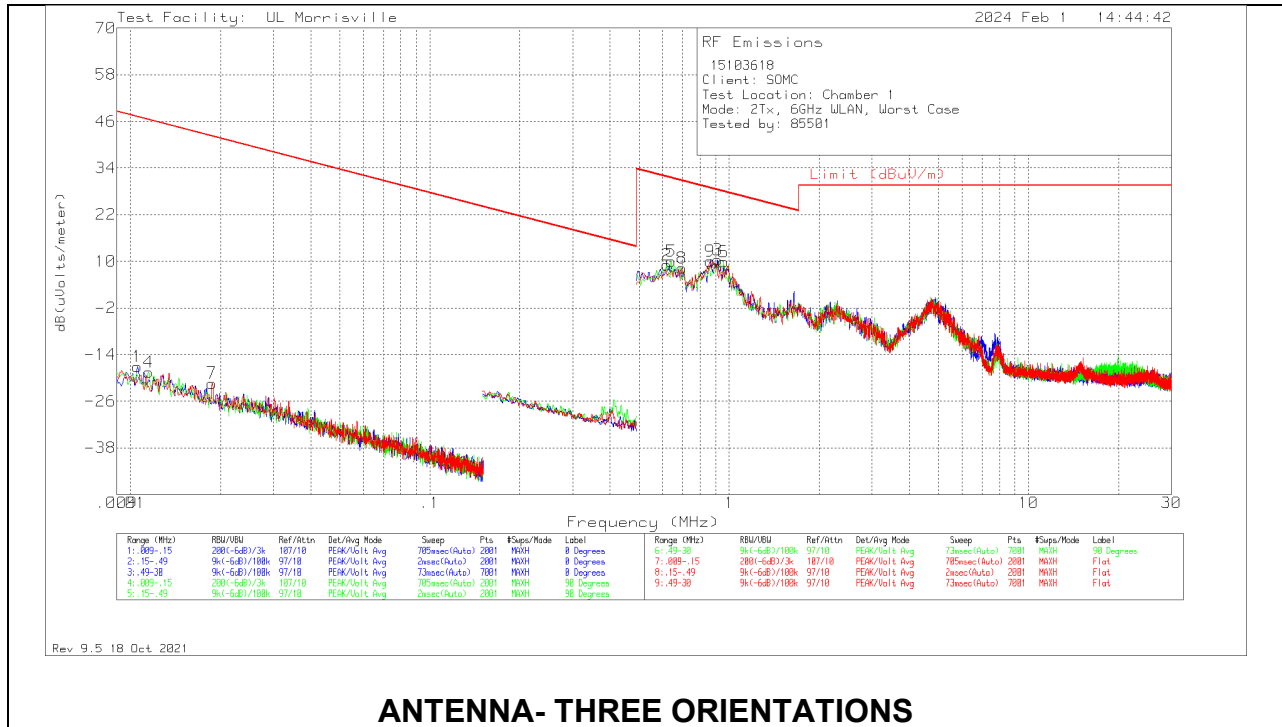
Pk - Peak detector

RMS - RMS detection

10.2. WORST CASE BELOW 30MHZ

Note for below 30 MHz scans: All measurements were made at a test distance of 3 m. The measured data was extrapolated from the test distance (3m) to the specification distance (300 m from 9-490 kHz and 30 m from 490 kHz – 30 MHz) to clearly show the relative levels of fundamental and spurious emissions and demonstrate compliance with the requirement that the level of any spurious emissions be below the level of the intentionally transmitted signal. The extrapolation factor for the limits were 40*Log (test distance / specification distance).

SPURIOUS EMISSIONS BELOW 30 MHz (WORST-CASE CONFIGURATION)

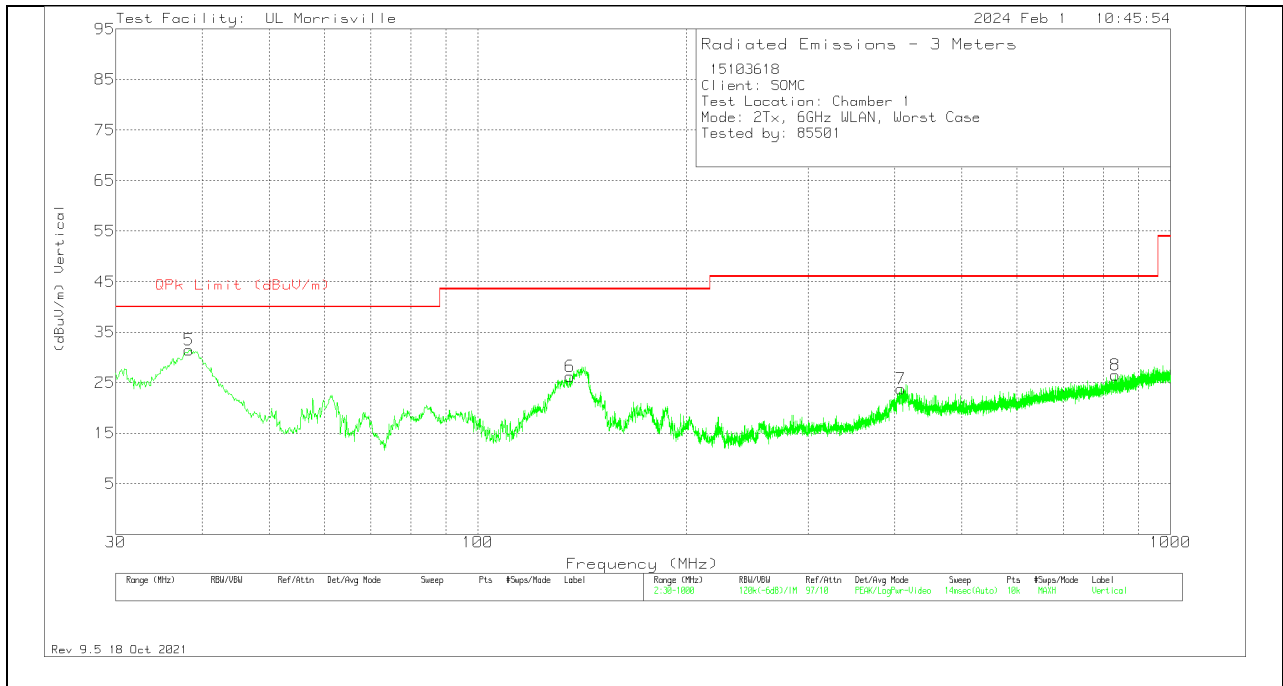
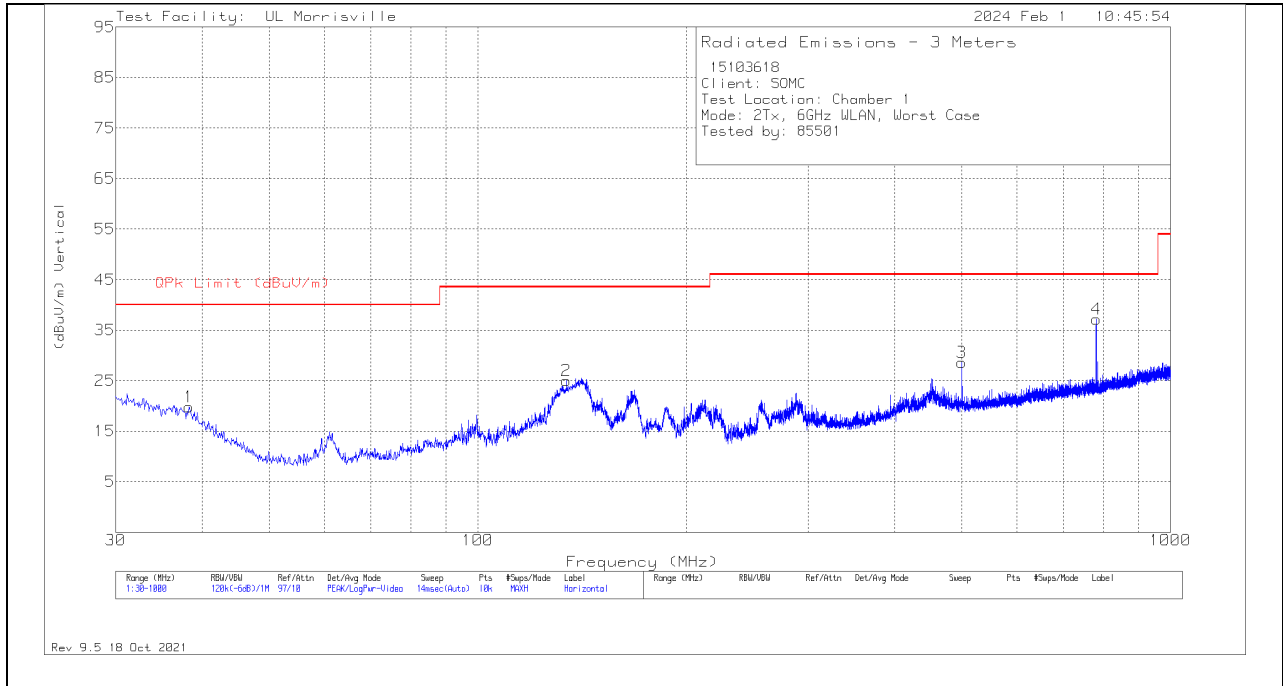


ANTENNA- THREE ORIENTATIONS

Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	65682 (dBuV/m)	Gain/Loss (dB)	Dist. Corr. Factor (dB)	Corrected Reading dB(uVolts/meter)	QP/AV Limit (dBuV/m)	PK Limit (dBuV/m)	Margin (dB)	Azimuth (Degs)	Loop Angle
1	.01056	44.11	Pk	18.7	.1	-80	-17.09	47.13	67.13	-64.22	0-360	0 degs
4	.01149	43.22	Pk	18.2	.1	-80	-18.48	46.4	66.4	-64.88	0-360	90 degs
7	.01873	43.94	Pk	14.6	.1	-80	-21.36	42.16	62.16	-63.52	0-360	Flat
2	.6207	38.78	Pk	10.2	.1	-40	9.08	31.75	-	-22.67	0-360	0 degs
5	.64178	39.79	Pk	10.2	.1	-40	10.09	31.46	-	-21.37	0-360	90 degs
8	.69658	38	Pk	10.2	.1	-40	8.3	30.74	-	-22.44	0-360	Flat
9	.86522	39.56	Pk	10.2	.2	-40	9.96	28.86	-	-18.9	0-360	Flat
3	.91582	39.9	Pk	10.2	.2	-40	10.3	28.37	-	-18.07	0-360	0 degs
6	.95798	39.42	Pk	10.3	.2	-40	9.92	27.98	-	-18.06	0-360	90 degs

Pk - Peak detector

10.3. WORST CASE BELOW 1 GHZ



Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	85717 (dB/m)	Gain/Loss (dB)	Corrected Reading (dBuV/m)	QPk Limit (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	*** 38.245	30.44	Pk	21	-31.7	19.74	40	-20.26	0-360	399	H
2	*** 134.178	36.05	Pk	19.6	-30.6	25.05	43.52	-18.47	0-360	199	H
3	** 499.965	33.75	Pk	23.3	-28.4	28.65	46.02	-17.37	0-360	99	H
4	** 781.265	37.84	Pk	26.6	-27.3	37.14	46.02	-8.88	0-360	399	H
5	*** 38.245	42.18	Pk	21	-31.7	31.48	40	-8.52	0-360	101	V
6	*** 135.73	37.37	Pk	19.4	-30.5	26.27	43.52	-17.25	0-360	101	V
7	*** 408.009	30.85	Pk	21.7	-28.8	23.75	46.02	-22.27	0-360	101	V
8	** 832.869	26.39	Pk	27	-26.9	26.49	46.02	-19.53	0-360	101	V

* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band
 ** - indicates frequency in Taiwan NCC LP0002 Restricted Band
 Pk - Peak detector