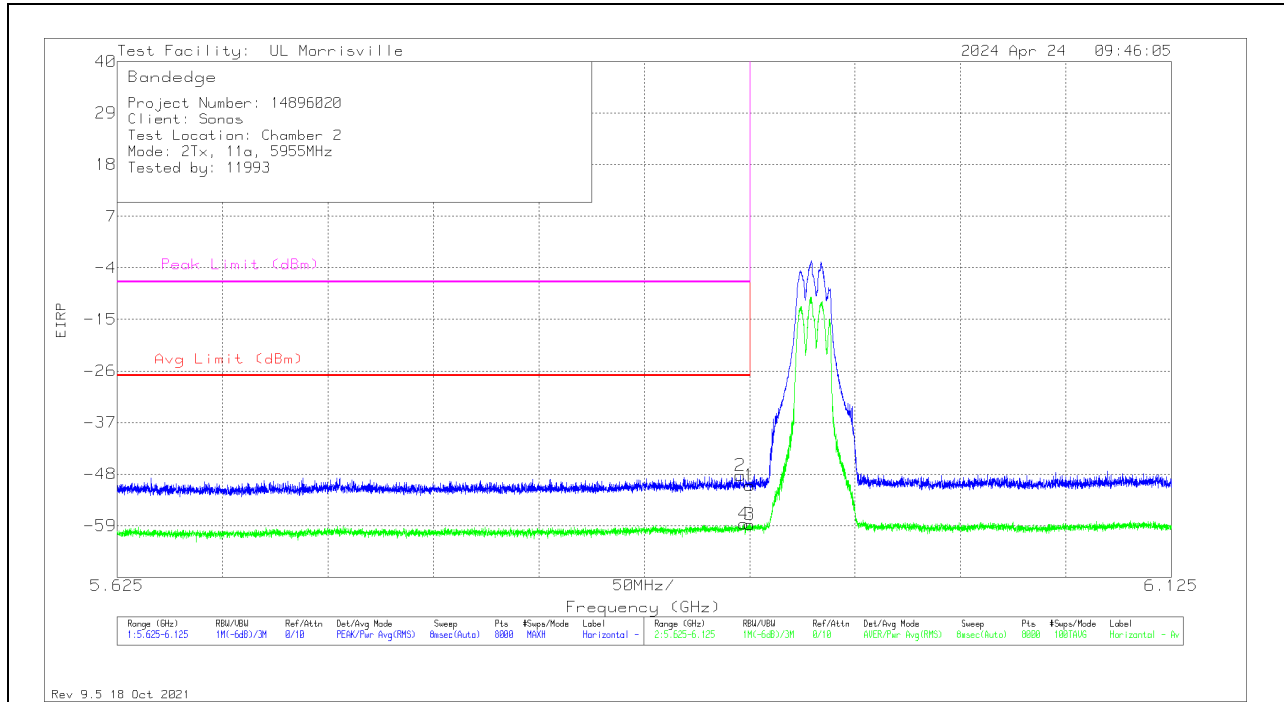


10.1. TRANSMITTER OUTSIDE 5.925-7.125 GHz , 1-18GHz

10.1.1. TX ABOVE 1 GHz 802.11a MODE IN THE UNII-5 BAND

BANDEDGE (LOW CHANNEL)

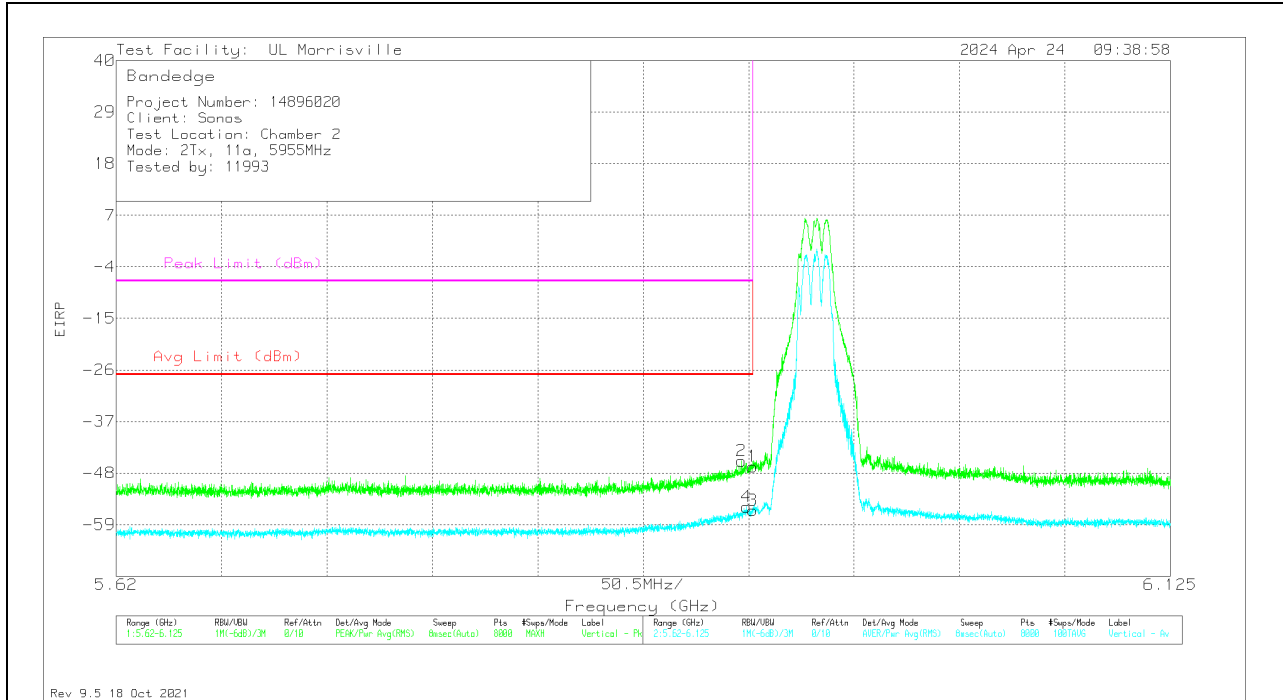
HORIZONTAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBm)	Det	86408 (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	5.92054	-72.5	Pk	35	-22.6	11.8	0	-48.3	-	-	-7	-41.3	1	197	H
4	5.92216	-83.74	RMS	35	-22.6	11.8	.94	-58.6	-27	-31.6	-	-	1	196	H
1	5.92498	-74.62	Pk	35	-22.6	11.8	0	-50.42	-	-	-7	-43.42	1	197	H
3	5.92498	-83.87	RMS	35	-22.6	11.8	.94	-58.73	-27	-31.73	-	-	1	196	H

Pk - Peak detector
 RMS - RMS detection

VERTICAL RESULT

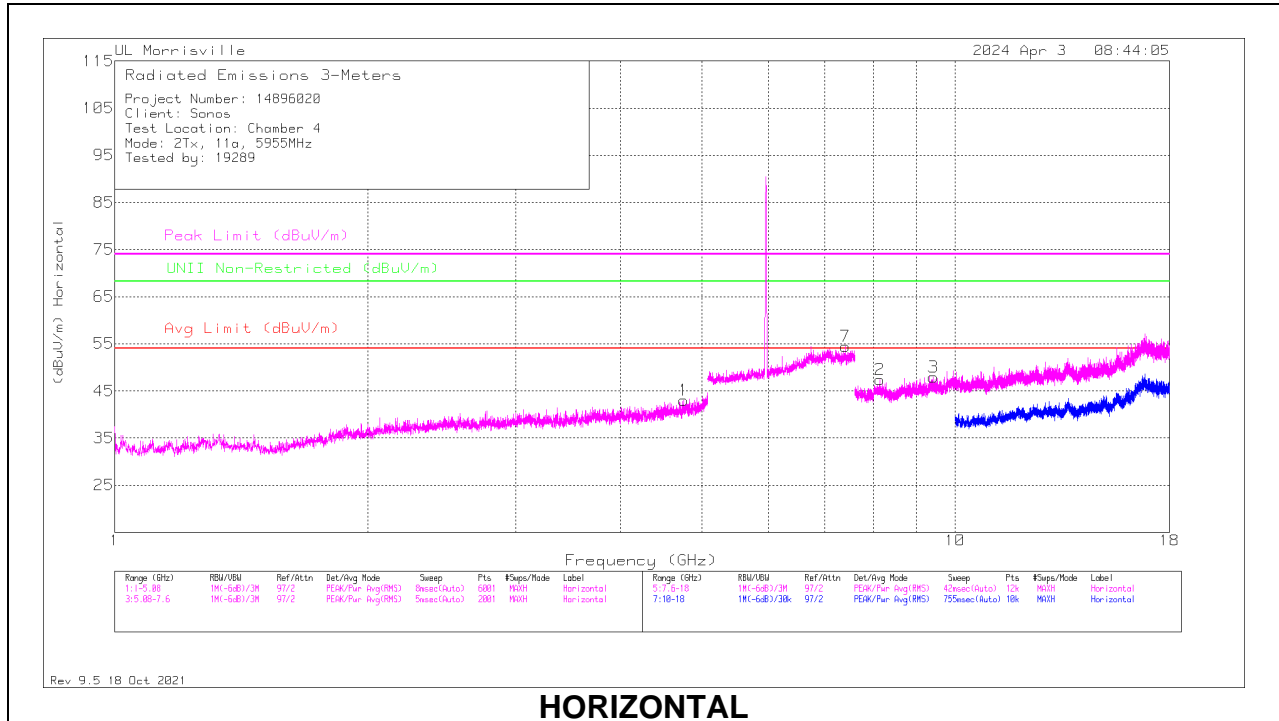


Marker	Frequency (GHz)	Meter Reading (dBm)	Det	86408 (dB/m)	Gain/Loss (dB)	Conversion Factor (dB)	DC Corr (dB)	Corrected Reading EIRP	Avg Limit (dBm)	RMS Margin (dB)	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
2	5.9195	-69.6	Pk	35	-22.6	11.8	0	-45.4	-	-	-7	-38.4	217	185	V
4	5.9219	-80.33	RMS	35	-22.6	11.8	.94	-55.19	-27	-28.19	-	-	217	185	V
1	5.925	-70.82	Pk	35	-22.6	11.8	0	-46.62	-	-	-7	-39.62	217	185	V
3	5.925	-81.11	RMS	35	-22.6	11.8	.94	-55.97	-27	-28.97	-	-	217	185	V

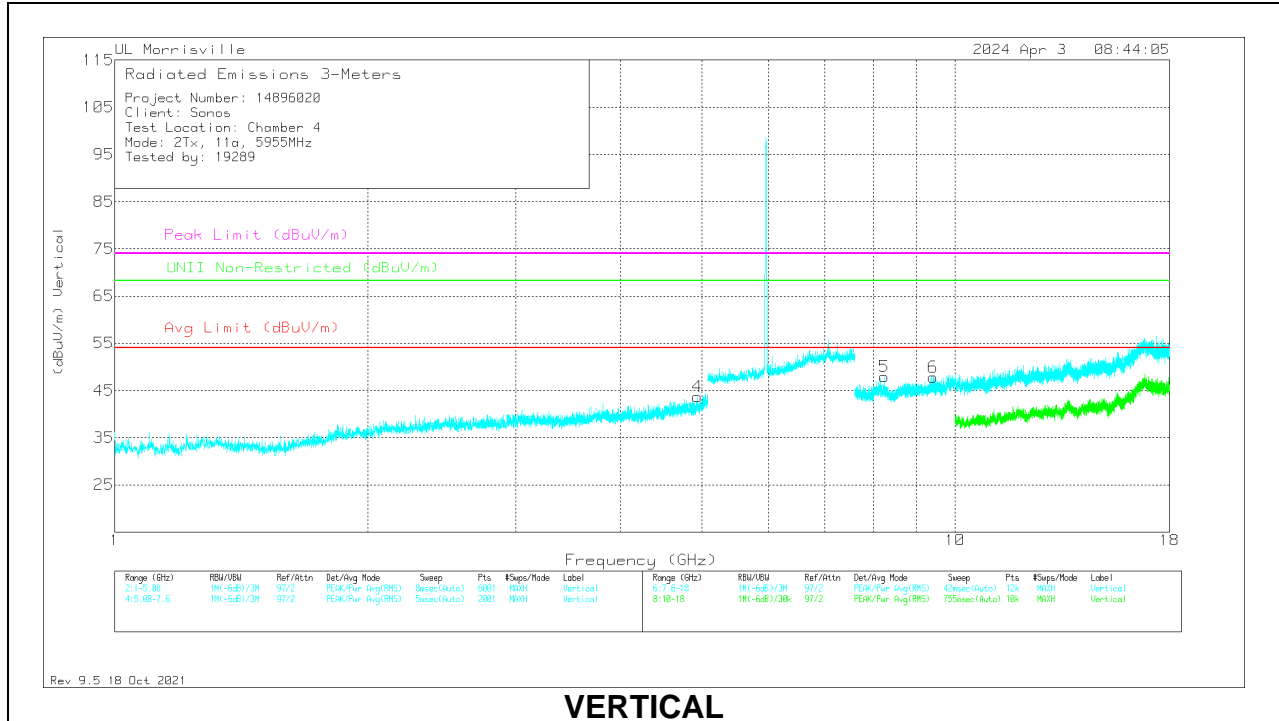
Pk - Peak detector
 RMS - RMS detection

HARMONICS AND SPURIOUS EMISSIONS

LOW CHANNEL



HORIZONTAL



VERTICAL

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)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	*** 4.75224	40.33	Pk	34	-31.3	0	0	43.03	54	-10.97	74	-30.97	-	-	0-360	100	H
4	*** 4.93584	40.45	Pk	33.9	-30.7	0	0	43.65	54	-10.35	74	-30.35	-	-	0-360	200	V
7	*** 7.40857	25.35	PK-U	35.6	-6.7	0	0	54.25	-	-	74	-19.75	-	-	318	248	H
	*** 7.40884	13.64	ADR	35.6	-6.7	0	.94	43.48	54	-10.52	-	-	-	-	318	248	H
2	*** 8.13907	38.45	Pk	35.8	-27.6	.8	0	47.45	54	-6.55	74	-26.55	-	-	0-360	100	H
3	*** 9.4278	36.89	Pk	36.7	-26	.4	0	47.99	54	-6.01	74	-26.01	-	-	0-360	100	H
5	*** 8.2344	38.81	Pk	35.8	-27.5	.8	0	47.91	54	-6.09	74	-26.09	-	-	0-360	200	V
6	*** 9.4148	36.74	Pk	36.6	-25.9	.4	0	47.84	54	-6.16	74	-26.16	-	-	0-360	200	V

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

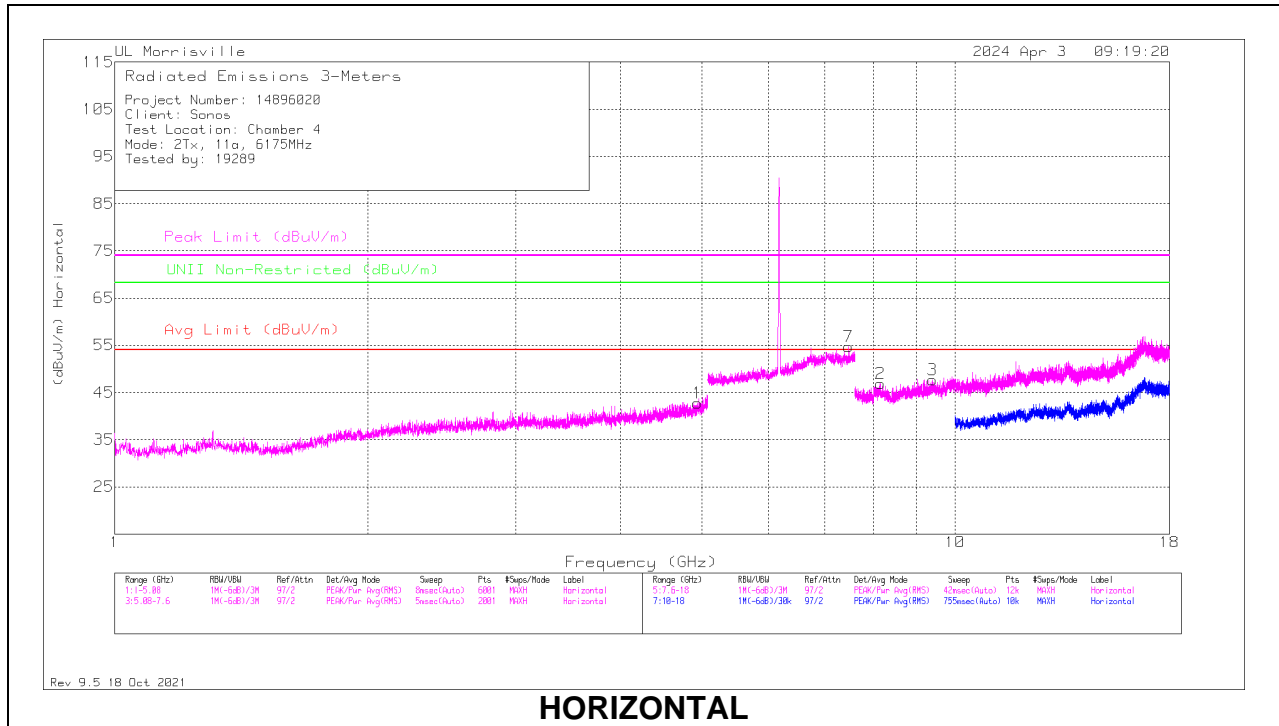
** - indicates frequency in Taiwan NCC LP0002 Restricted Band

Pk - Peak detector

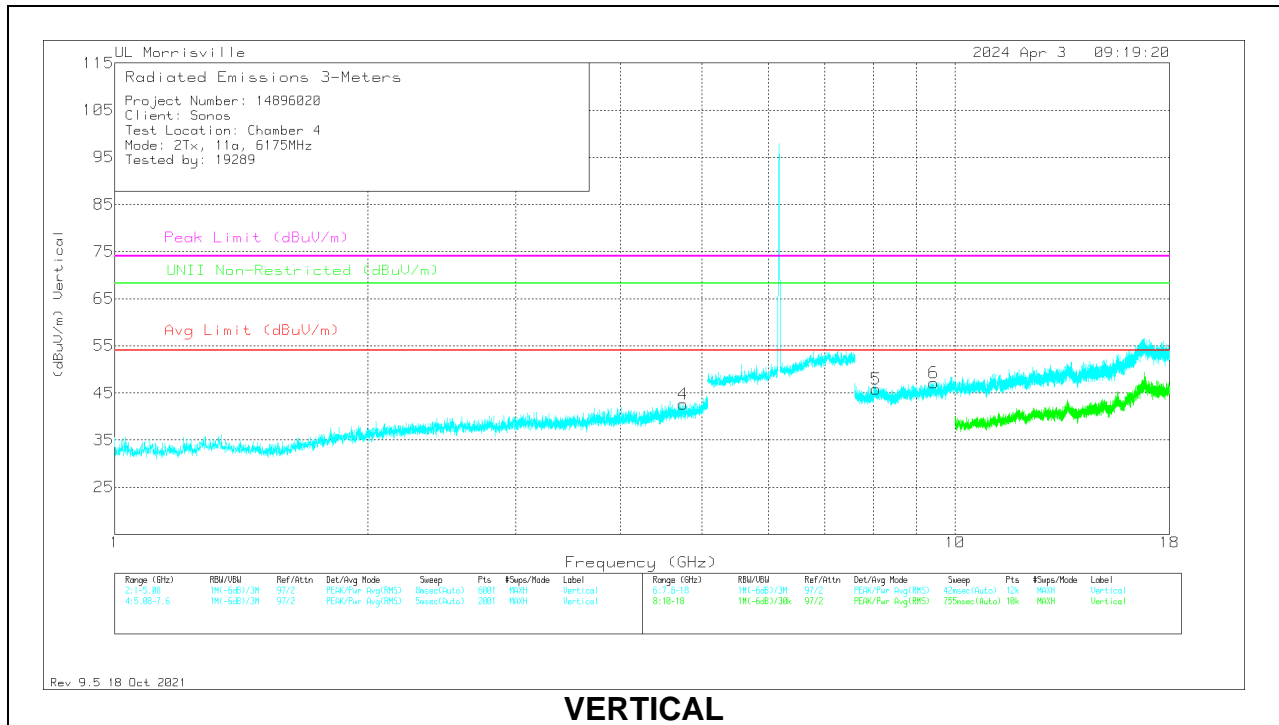
PK-U - Maximum Peak

ADR - RMS average

MID CHANNEL



HORIZONTAL



VERTICAL

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)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	*** 4.93584	39.56	Pk	33.9	-30.7	0	0	42.76	54	-11.24	74	-31.24	-	-	0-360	100	H
4	*** 4.74952	39.85	Pk	34	-31.2	0	0	42.65	54	-11.35	74	-31.35	-	-	0-360	200	V
7	*** 7.47661	24.92	PK-U	35.6	-6.1	0	0	54.42	-	-	74	-19.58	-	-	71	352	H
	*** 7.4764	13.62	ADR	35.6	-6.1	0	.94	44.06	54	-9.94	-	-	-	-	71	352	H
2	*** 8.159	38.12	Pk	35.8	-27.7	.7	0	46.92	54	-7.08	74	-27.08	-	-	0-360	100	H
3	*** 9.39833	37.04	Pk	36.6	-26.3	.3	0	47.64	54	-6.36	74	-26.36	-	-	0-360	100	H
5	*** 8.06193	36.94	Pk	35.8	-27.8	.9	0	45.84	54	-8.16	74	-28.16	-	-	0-360	200	V
6	*** 9.43733	35.95	Pk	36.7	-26	.5	0	47.15	54	-6.85	74	-26.85	-	-	0-360	200	V

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

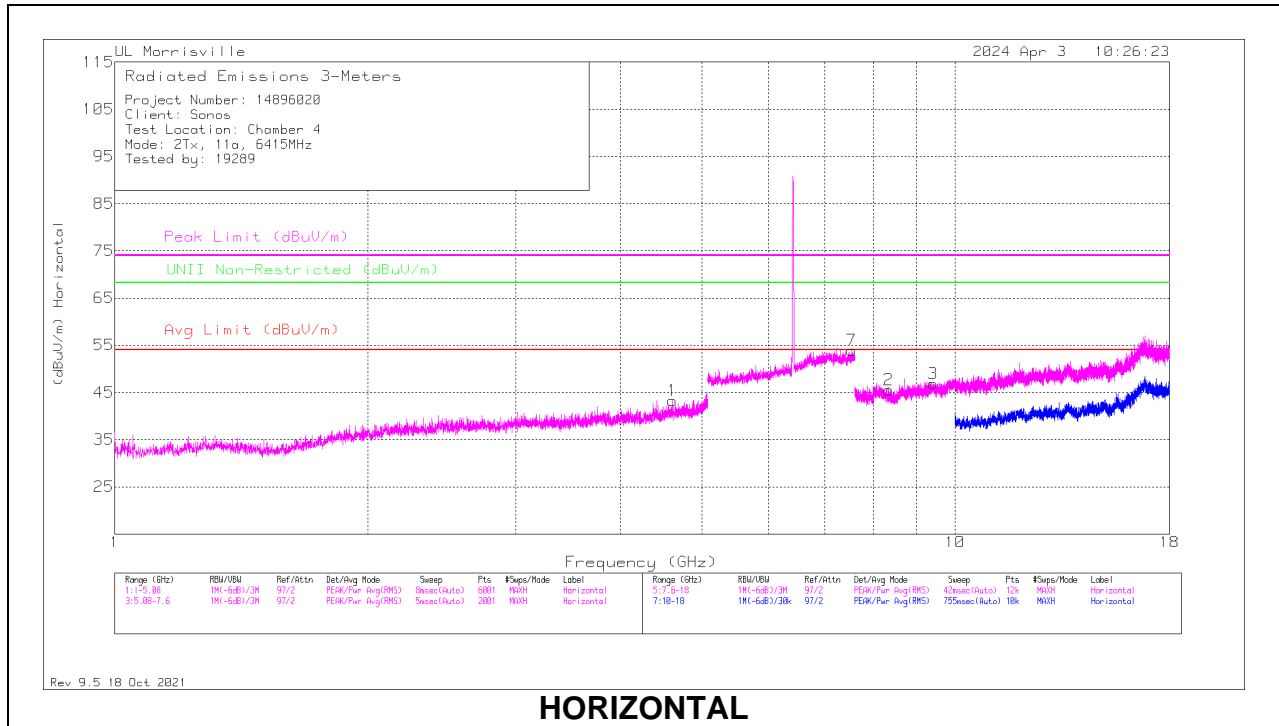
** - indicates frequency in Taiwan NCC LP0002 Restricted Band

Pk - Peak detector

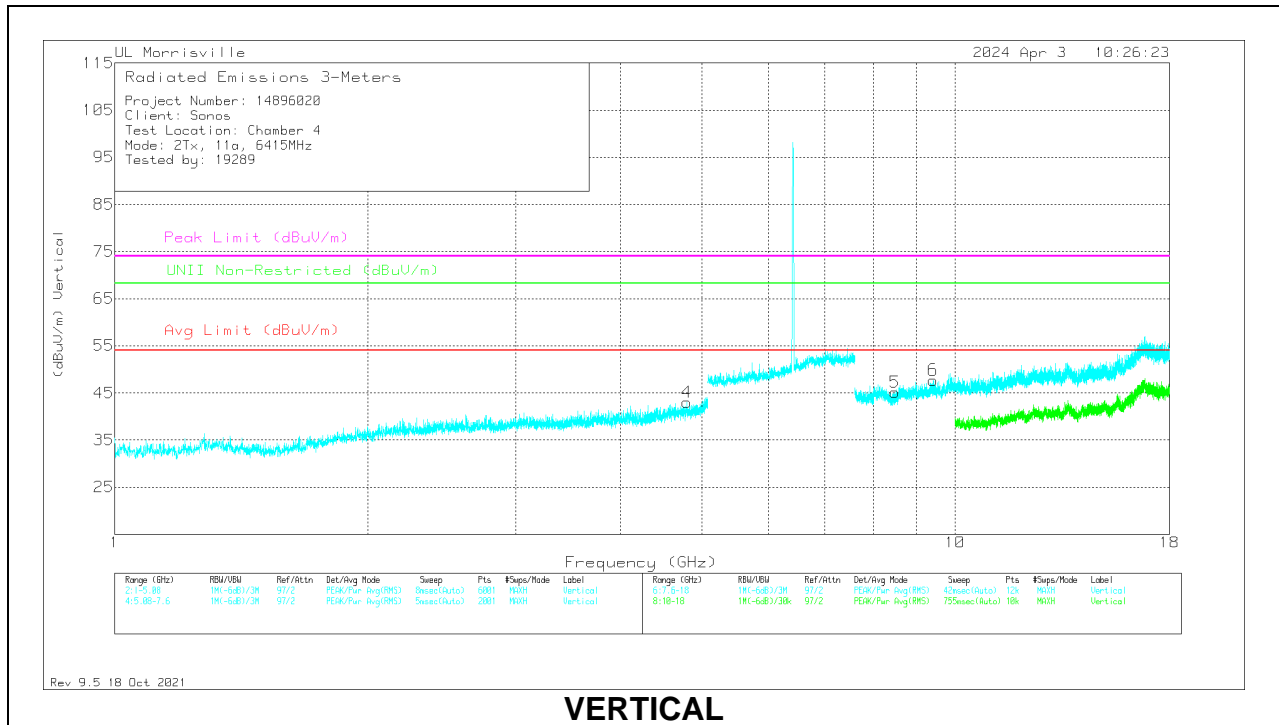
PK-U - Maximum Peak

ADR - RMS average

HIGH CHANNEL



HORIZONTAL



VERTICAL

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)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	*** 4.61352	40.5	Pk	34.1	-31.3	0	0	43.3	54	-10.7	74	-30.7	-	-	0-360	100	H
4	*** 4.79916	39.5	Pk	34.1	-30.6	0	0	43	54	-11	74	-31	-	-	0-360	200	V
7	** 7.54	25.07	PK-U	35.7	-6.1	0	0	54.67	-	-	74	-19.33	-	-	209	310	H
	*** 7.53937	13.4	ADR	35.7	-6.1	0	.94	43.94	54	-10.06	-	-	-	-	209	310	H
2	*** 8.34273	36.29	Pk	35.8	-27.1	.6	0	45.59	54	-8.41	74	-28.41	-	-	0-360	200	H
3	** 9.42	36.02	Pk	36.6	-26.1	.4	0	46.92	54	-7.08	74	-27.08	-	-	0-360	200	H
5	*** 8.484	35.88	Pk	35.8	-27	.5	0	45.18	54	-8.82	74	-28.82	-	-	0-360	100	V
6	*** 9.42347	36.73	Pk	36.6	-26	.4	0	47.73	54	-6.27	74	-26.27	-	-	0-360	100	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

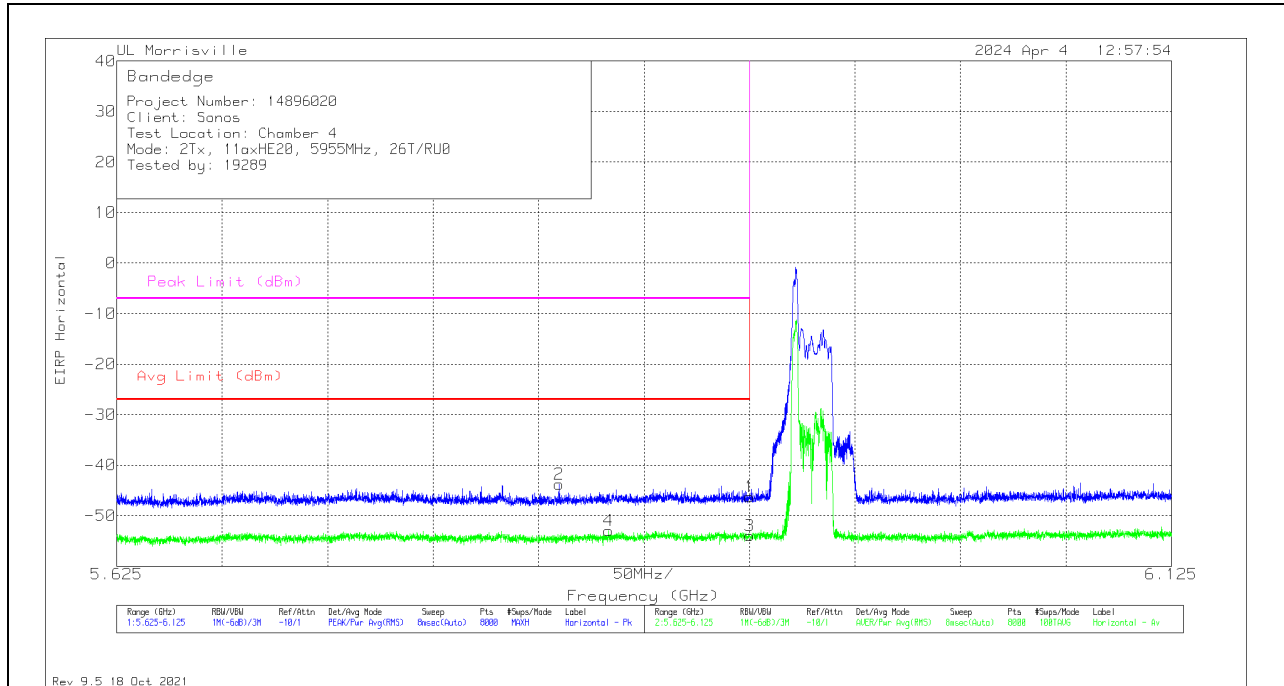
ADR - RMS average

10.1.2. TX ABOVE 1 GHz 802.11ax HE20 MODE IN THE UNII-5 BAND

2TX CHAIN 0 + CHAIN 1 OFDMA MODE: 26T

BANDEDGE (LOW CHANNEL)

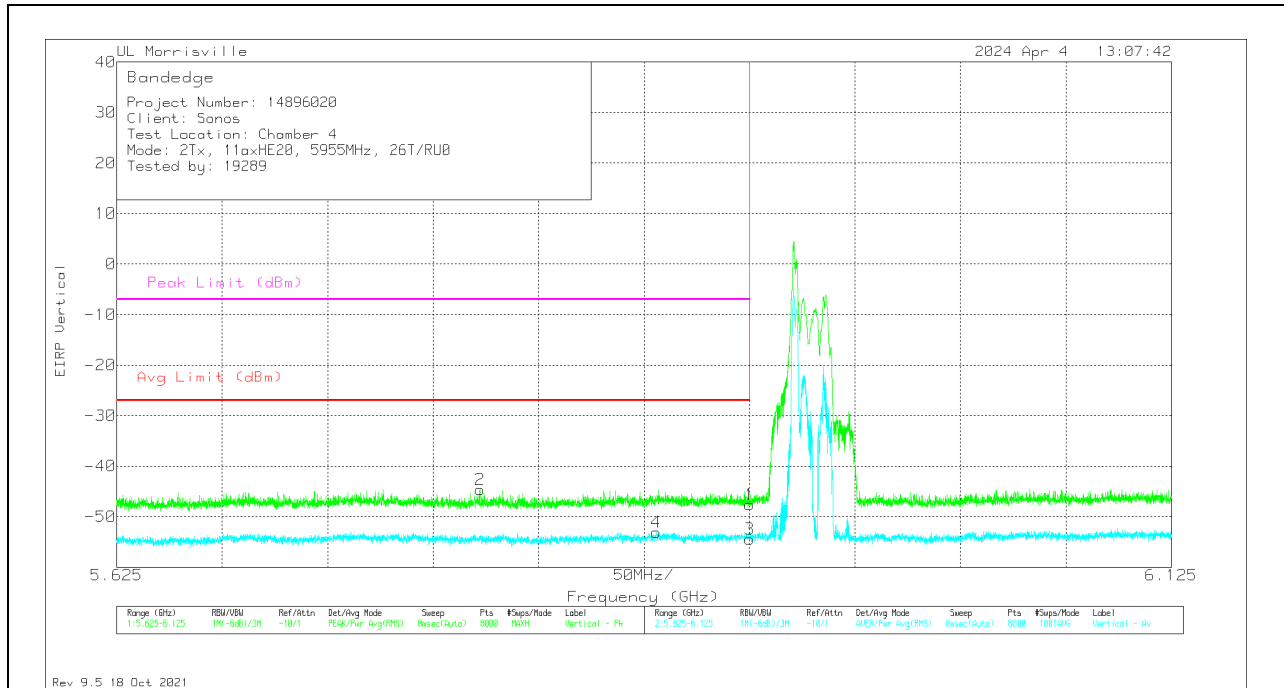
HORIZONTAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBm)	Det	89509 ACF (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	5.83459	-81.91	PK	34.8	-8.5	11.8	0	-43.81	-	-	-7	-36.81	89	161	H
4	5.85815	-94.15	RMS	34.8	-8.5	11.8	3.11	-52.94	-27	-25.94	-	-	89	104	H
1	5.92498	-84.54	PK	34.9	-8.4	11.8	0	-46.24	-	-	-7	-39.24	89	161	H
3	5.92498	-95.37	RMS	34.9	-8.4	11.8	3.11	-53.96	-27	-26.96	-	-	89	104	H

Pk - Peak detector
 RMS - RMS detection

VERTICAL RESULT



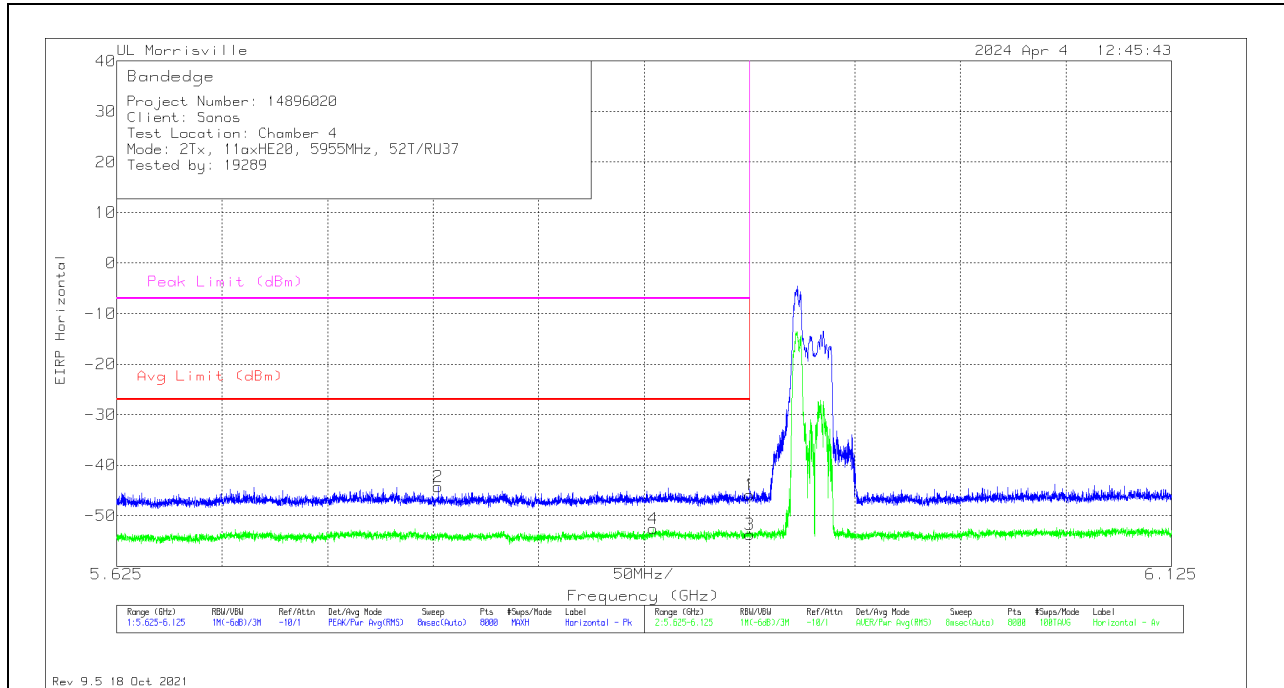
Marker	Frequency (GHz)	Meter Reading (dBm)	Det	89509 ACF (dB/m)	Gain/Loss (dB)	Conversion Factor (dB)	DC Corr (dB)	Corrected Reading EIRP	Avg Limit (dBm)	RMS Margin (dB)	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
2	5.79715	-82.87	Pk	34.7	-8.3	11.8	0	-44.67	-	-	-7	-37.67	158	196	V
4	5.88085	-94.74	RMS	34.9	-8.1	11.8	3.11	-53.03	-27	-26.03	-	-	158	196	V
1	5.92498	-85.95	Pk	34.9	-8.4	11.8	0	-47.65	-	-	-7	-40.65	158	196	V
3	5.92498	-95.83	RMS	34.9	-8.4	11.8	3.11	-54.42	-27	-27.42	-	-	158	196	V

Pk - Peak detector
 RMS - RMS detection

2TX CHAIN 0 + CHAIN 1 OFDMA MODE: 52T

BANDEDGE (LOW CHANNEL)

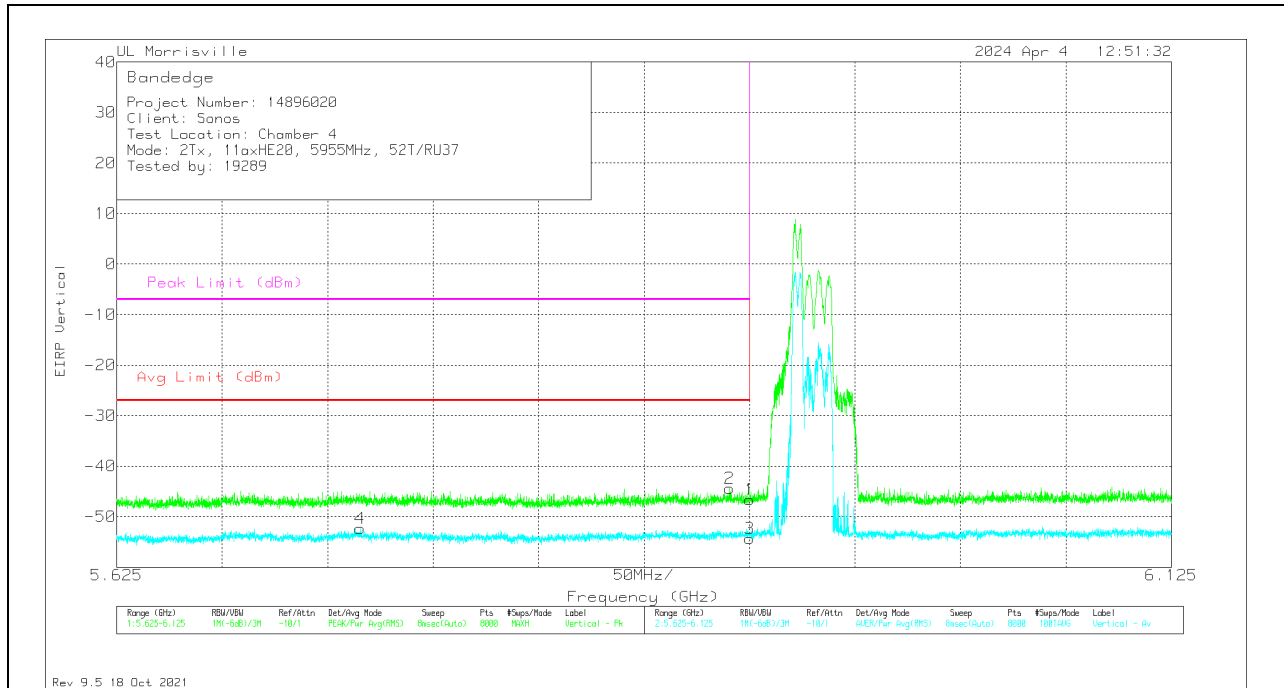
HORIZONTAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBm)	Det	89509 ACF (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	5.77733	-82.42	Pk	34.7	-8.4	11.8	0	-44.32	-	-	-7	-37.32	50	103	H
4	5.87928	-94.56	RMS	34.9	-8.2	11.8	3.46	-52.6	-27	-25.6	-	-	50	103	H
1	5.92498	-84.14	Pk	34.9	-8.4	11.8	0	-45.84	-	-	-7	-38.84	50	103	H
3	5.92498	-95.42	RMS	34.9	-8.4	11.8	3.46	-53.66	-27	-26.66	-	-	50	103	H

Pk - Peak detector
 RMS - RMS detection

VERTICAL RESULT



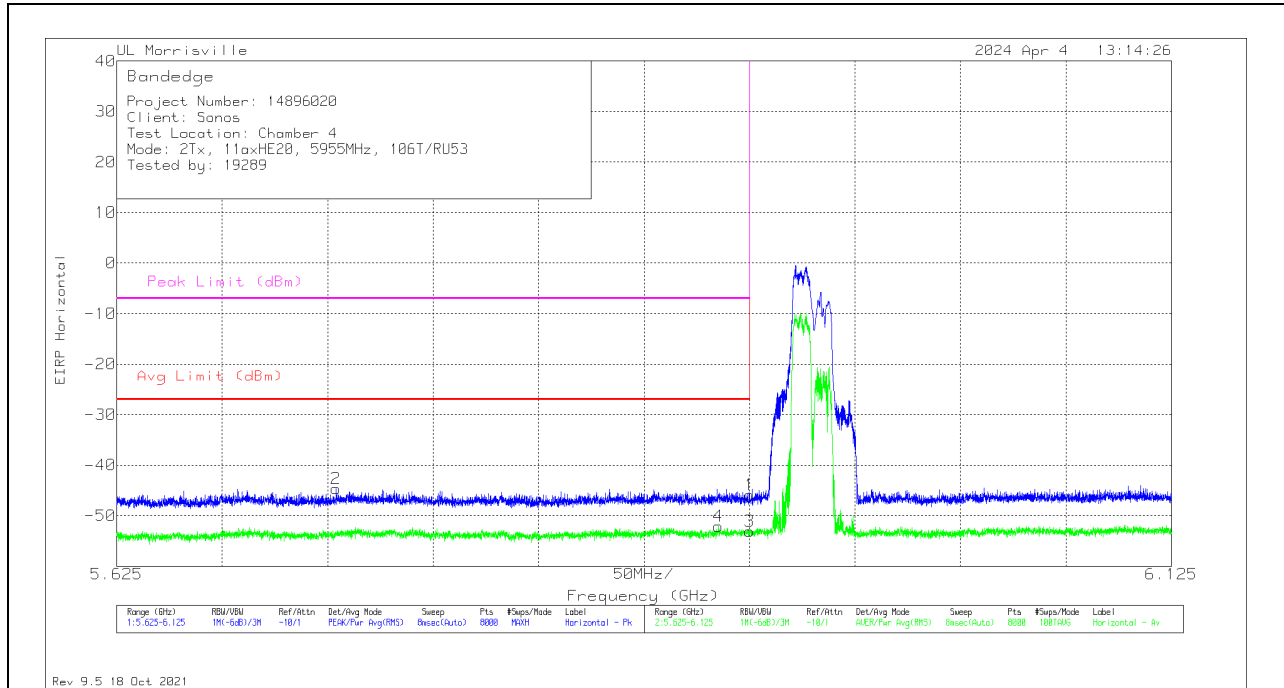
Marker	Frequency (GHz)	Meter Reading (dBm)	Det	89509 ACF (dB/m)	Gain/Loss (dB)	Conversion Factor (dB)	DC Corr (dB)	Corrected Reading EIRP	Avg Limit (dBm)	RMS Margin (dB)	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
4	5.74039	-94.05	RMS	34.7	-8.2	11.8	3.46	-52.29	-27	-25.29	-	-	204	215	V
2	5.91566	-82.81	PK	34.9	-8.3	11.8	0	-44.41	-	-	-7	-37.41	204	215	V
1	5.92498	-84.91	PK	34.9	-8.4	11.8	0	-46.61	-	-	-7	-39.61	204	215	V
3	5.92498	-96.06	RMS	34.9	-8.4	11.8	3.46	-54.3	-27	-27.3	-	-	204	215	V

Pk - Peak detector
 RMS - RMS detection

2TX CHAIN 0 + CHAIN 1 OFDMA MODE: 106T

BANDEDGE (LOW CHANNEL)

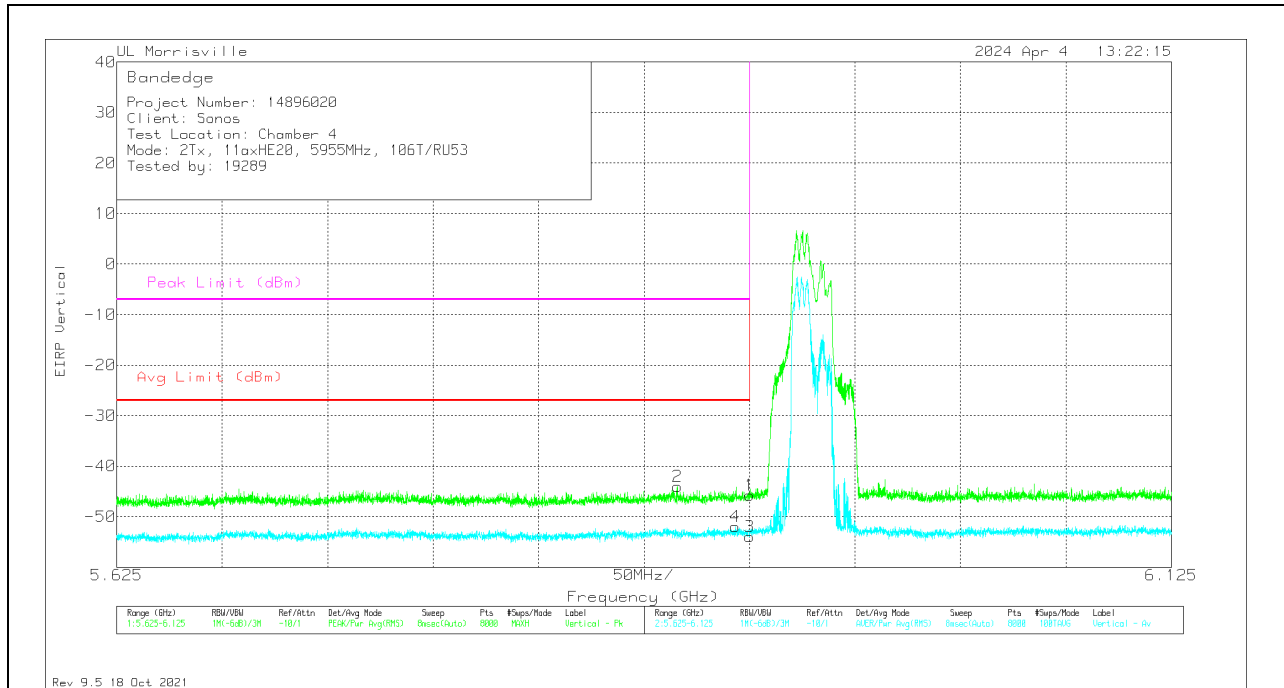
HORIZONTAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBm)	Det	89509 ACF (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	5.72908	-82.66	Pk	34.7	-8.5	11.8	0	-44.66	-	-	-7	-37.66	91	103	H
4	5.91029	-94.39	RMS	34.9	-8.2	11.8	3.77	-52.12	-27	-25.12	-	-	91	103	H
1	5.92498	-84.14	Pk	34.9	-8.4	11.8	0	-45.84	-	-	-7	-38.84	91	103	H
3	5.92498	-95.18	RMS	34.9	-8.4	11.8	3.77	-53.11	-27	-26.11	-	-	91	103	H

Pk - Peak detector
 RMS - RMS detection

VERTICAL RESULT



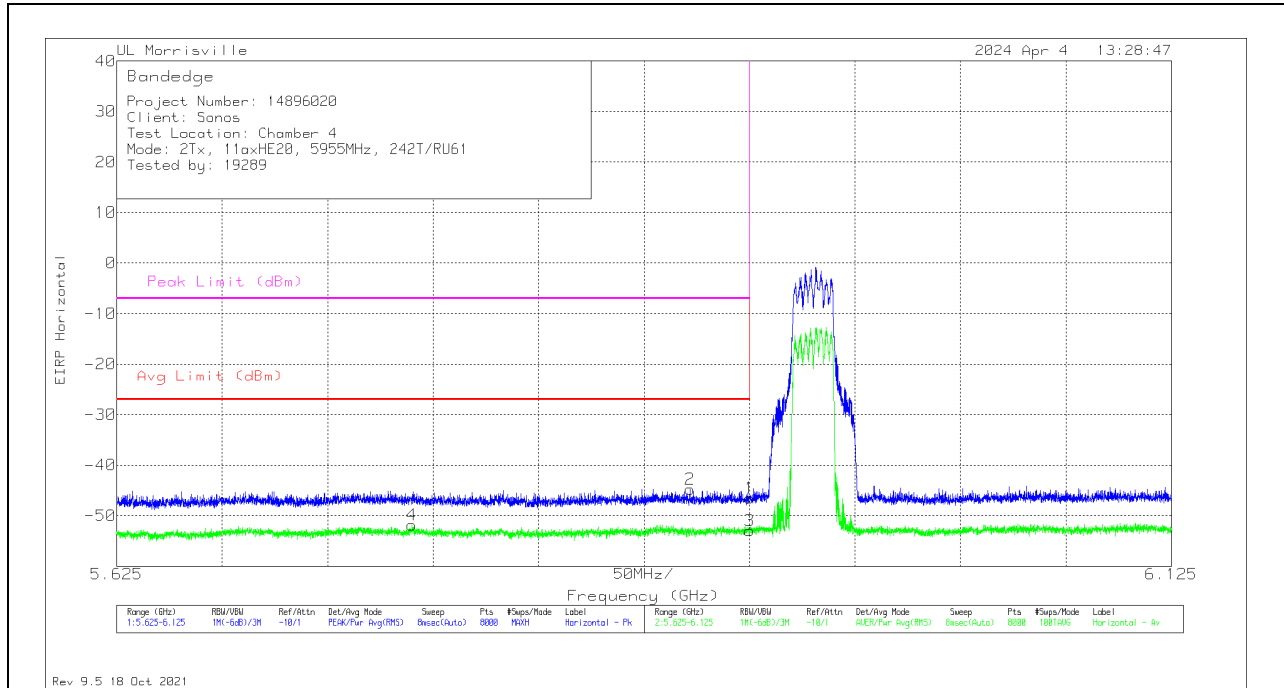
Marker	Frequency (GHz)	Meter Reading (dBm)	Det	89509 ACF (dB/m)	Gain/Loss (dB)	Conversion Factor (dB)	DC Corr (dB)	Corrected Reading EIRP	Avg Limit (dBm)	RMS Margin (dB)	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
2	5.89078	-82.42	Pk	34.9	-8.3	11.8	0	-44.02	-	-	-7	-37.02	171	182	V
4	5.9181	-94.13	RMS	34.9	-8.3	11.8	3.77	-51.96	-27	-24.96	-	-	171	182	V
1	5.92498	-84.1	Pk	34.9	-8.4	11.8	0	-45.8	-	-	-7	-38.8	171	182	V
3	5.92498	-96	RMS	34.9	-8.4	11.8	3.77	-53.93	-27	-26.93	-	-	171	182	V

Pk - Peak detector
 RMS - RMS detection

2TX CHAIN 0 + CHAIN 1 OFDMA MODE: 242T

BANDEDGE (LOW CHANNEL)

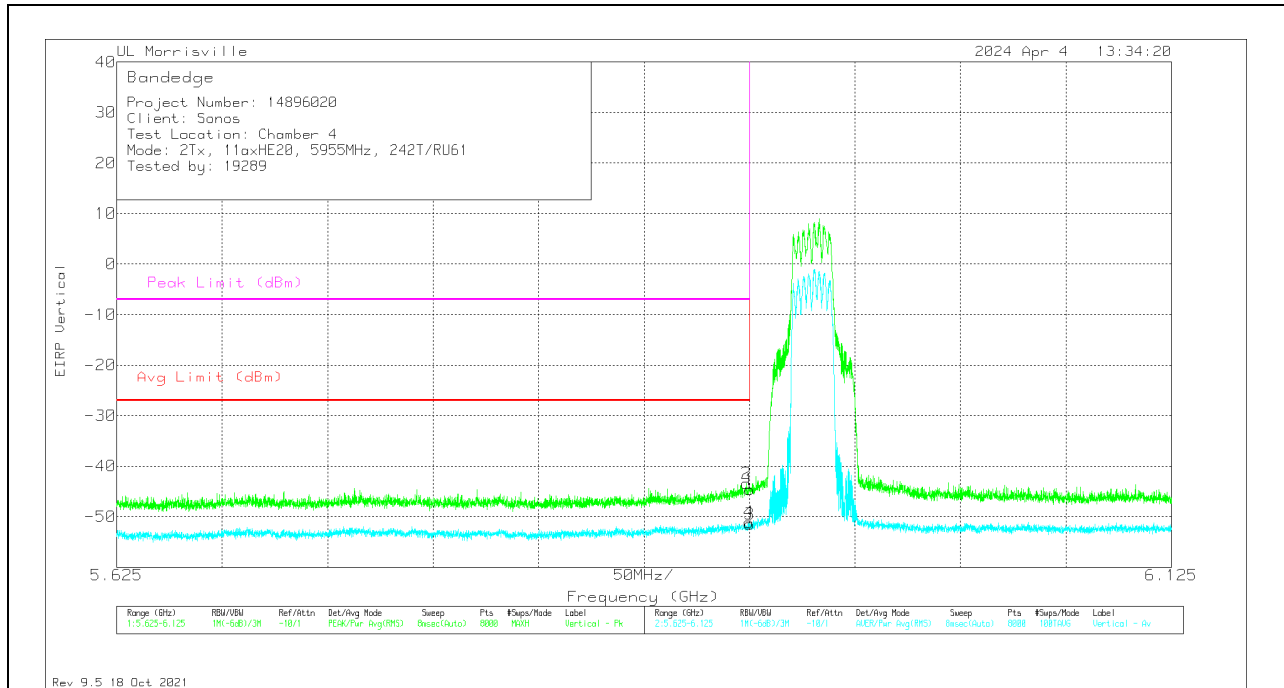
HORIZONTAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBm)	Det	89509 ACF (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	5.76496	-94.39	RMS	34.7	-8.1	11.8	4.15	-51.84	-27	-24.84	-	-	96	205	H
2	5.89672	-83.04	PK	34.9	-8.4	11.8	0	-44.74	-	-	-7	-37.74	96	205	H
1	5.92498	-84.86	PK	34.9	-8.4	11.8	0	-46.56	-	-	-7	-39.56	96	205	H
3	5.92498	-95.45	RMS	34.9	-8.4	11.8	4.15	-53	-27	-26	-	-	96	205	H

Pk - Peak detector
 RMS - RMS detection

VERTICAL RESULT



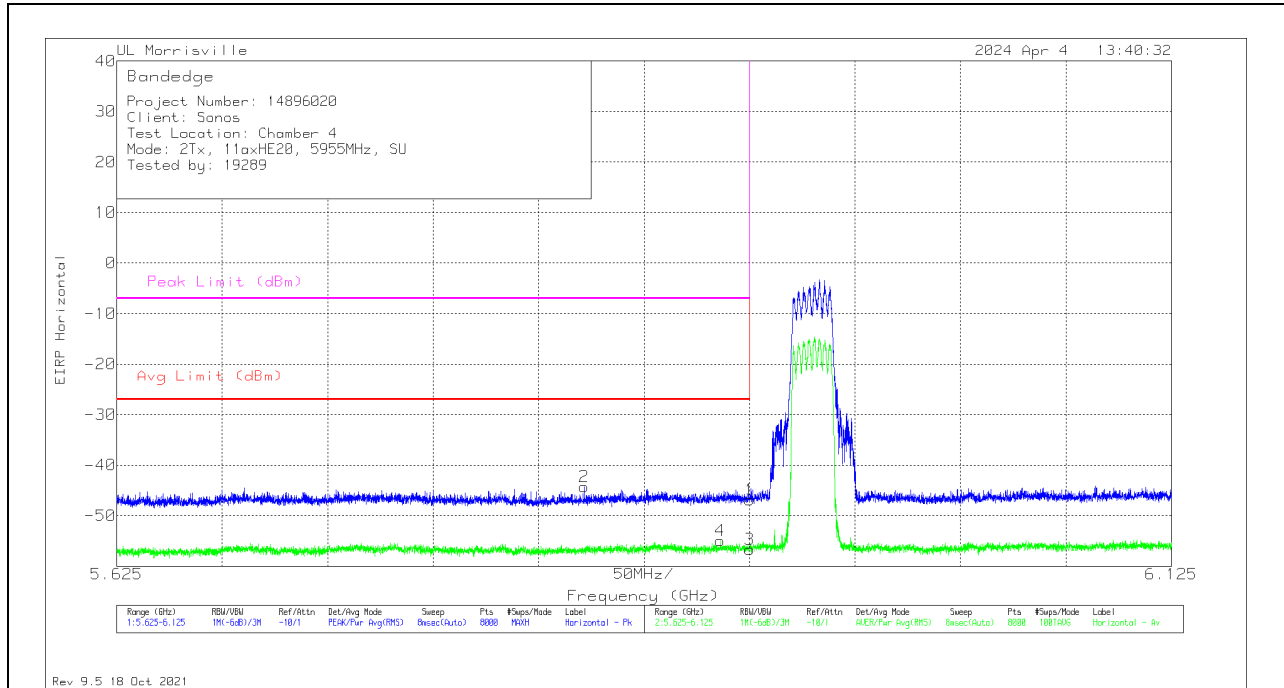
Marker	Frequency (GHz)	Meter Reading (dBm)	Det	89509 ACF (dB/m)	Gain/Loss (dB)	Conversion Factor (dB)	DC Corr (dB)	Corrected Reading EIRP	Avg Limit (dBm)	RMS Margin (dB)	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
2	5.92341	-81.69	Pk	34.9	-8.4	11.8	0	-43.39	-	-	-7	-36.39	163	209	V
4	5.92479	-93.51	RMS	34.9	-8.4	11.8	4.15	-51.06	-27	-24.06	-	-	163	209	V
1	5.92498	-82.89	Pk	34.9	-8.4	11.8	0	-44.59	-	-	-7	-37.59	163	209	V
3	5.92498	-93.96	RMS	34.9	-8.4	11.8	4.15	-51.51	-27	-24.51	-	-	163	209	V

Pk - Peak detector
 RMS - RMS detection

2TX CHAIN 0 + CHAIN 1 OFDMA MODE: SU

BANDEDGE (LOW CHANNEL)

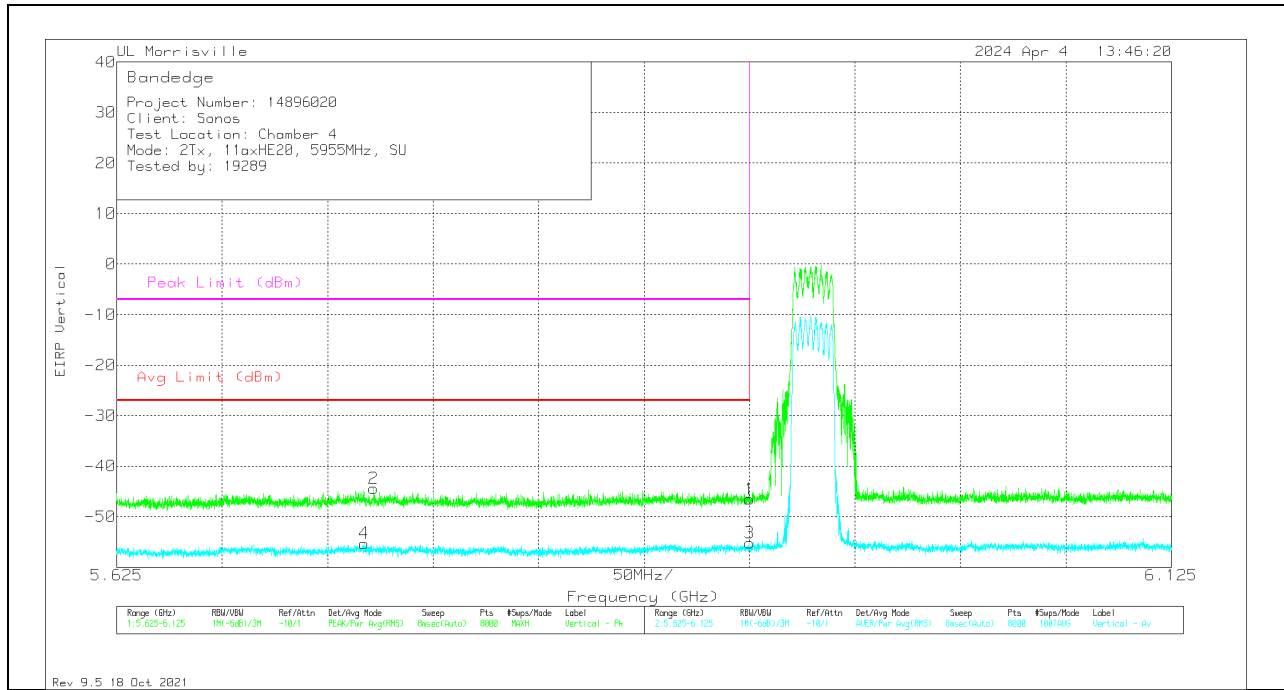
HORIZONTAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBm)	Det	89509 ACF (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	5.84665	-82.4	Pk	34.8	-8.5	11.8	0	-44.3	-	-	-7	-37.3	171	158	H
4	5.91104	-94.24	RMS	34.9	-8.2	11.8	.74	-55	-27	-28	-	-	171	158	H
1	5.92498	-85.14	Pk	34.9	-8.4	11.8	0	-46.84	-	-	-7	-39.84	171	158	H
3	5.92498	-95.68	RMS	34.9	-8.4	11.8	.74	-56.64	-27	-29.64	-	-	171	158	H

Pk - Peak detector
 RMS - RMS detection

VERTICAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBm)	Det	89509 ACF (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	5.7422	-94.1	RMS	34.7	-8.4	11.8	.74	-55.26	-27	-28.26	-	-	87	105	V
2	5.7467	-82.24	PK	34.7	-8.6	11.8	0	-44.34	-	-	-7	-37.34	87	105	V
1	5.92498	-84.83	PK	34.9	-8.4	11.8	0	-46.53	-	-	-7	-39.53	87	105	V
3	5.92498	-94.25	RMS	34.9	-8.4	11.8	.74	-55.21	-27	-28.21	-	-	87	105	V

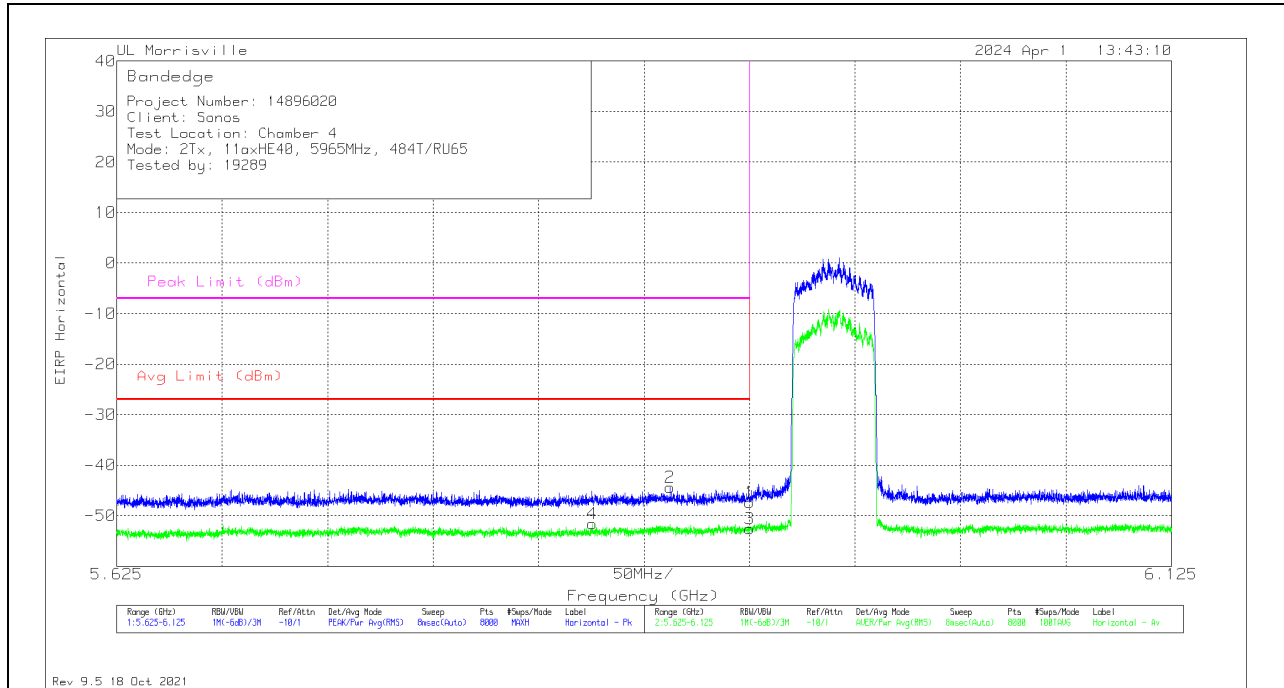
Pk - Peak detector
 RMS - RMS detection

10.1.3. TX ABOVE 1 GHz 802.11ax HE40 MODE IN THE UNII-5 BAND

2TX CHAIN 0 + CHAIN 1 OFDMA MODE: 484T

BANDEDGE (LOW CHANNEL)

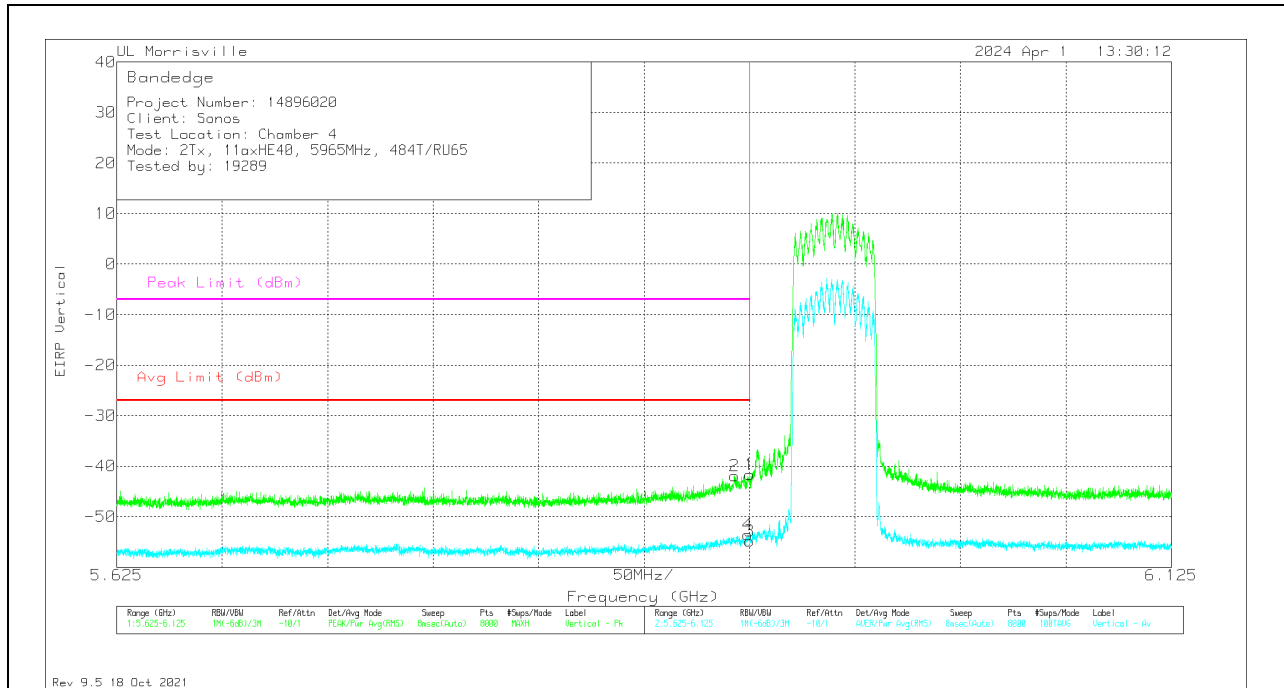
HORIZONTAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBm)	Det	89509 ACF (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	5.85053	-94.09	RMS	34.8	-8.4	11.8	4.25	-51.64	-27	-24.64	-	-	150	203	H
2	5.88728	-83.04	Pk	34.9	-8.1	11.8	0	-44.44	-	-	-7	-37.44	150	203	H
1	5.92498	-85.66	Pk	34.9	-8.4	11.8	0	-47.36	-	-	-7	-40.36	150	203	H
3	5.92498	-95.13	RMS	34.9	-8.4	11.8	4.25	-52.58	-27	-25.58	-	-	150	203	H

Pk - Peak detector
 RMS - RMS detection

VERTICAL RESULT



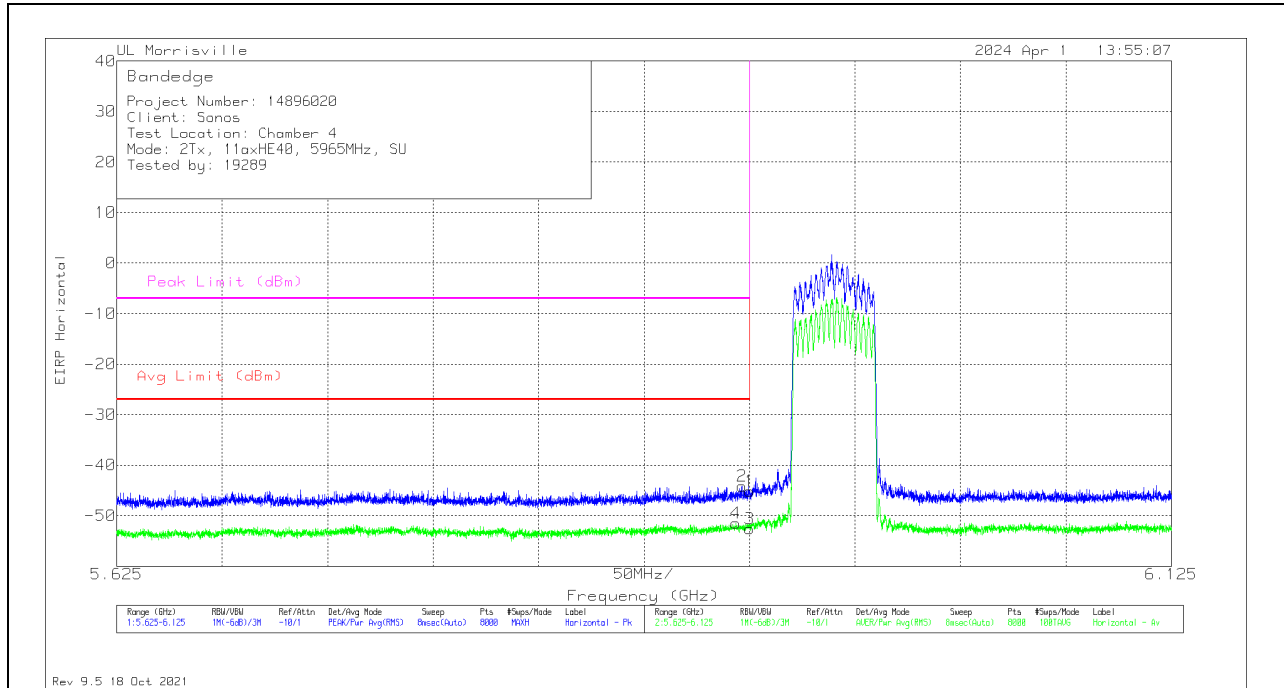
Marker	Frequency (GHz)	Meter Reading (dBm)	Det	89509 ACF (dB/m)	Gain/Loss (dB)	Conversion Factor (dB)	DC Corr (dB)	Corrected Reading EIRP	Avg Limit (dBm)	RMS Margin (dB)	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
2	5.91779	-80.34	Pk	34.9	-8.3	11.8	0	-41.94	-	-	-7	-34.94	165	164	V
4	5.92429	-96.18	RMS	34.9	-8.4	11.8	4.25	-53.63	-27	-26.63	-	-	165	164	V
1	5.92498	-79.92	PK	34.9	-8.4	11.8	0	-41.62	-	-	-7	-34.62	165	164	V
3	5.92498	-97.41	RMS	34.9	-8.4	11.8	4.25	-54.86	-27	-27.86	-	-	165	164	V

Pk - Peak detector
 RMS - RMS detection

2TX CHAIN 0 + CHAIN 1 OFDMA MODE: SU

BANDEDGE (LOW CHANNEL)

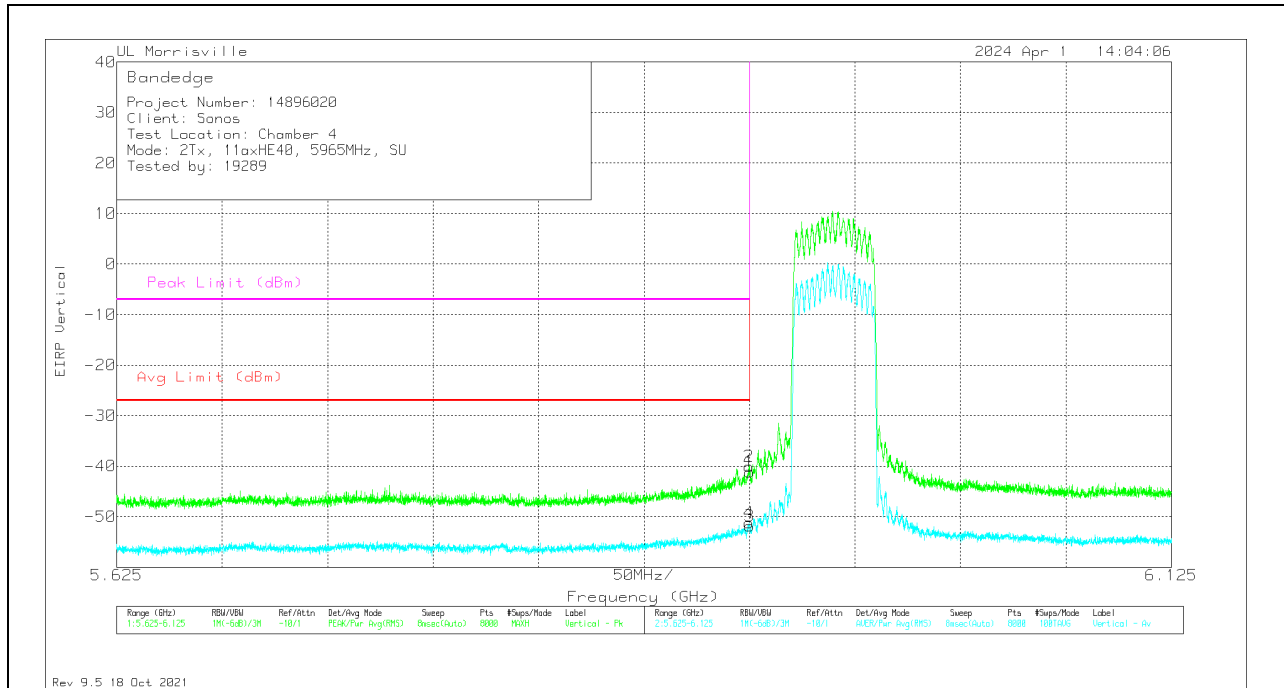
HORIZONTAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBm)	Det	89509 ACF (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	5.91854	-91.24	RMS	34.9	-8.3	11.8	1.32	-51.52	-27	-24.52	-	-	9	190	H
2	5.92135	-82.39	PK	34.9	-8.4	11.8	0	-44.09	-	-	-7	-37.09	9	190	H
1	5.92498	-83.41	PK	34.9	-8.4	11.8	0	-45.11	-	-	-7	-38.11	9	190	H
3	5.92498	-92.25	RMS	34.9	-8.4	11.8	1.32	-52.63	-27	-25.63	-	-	9	190	H

Pk - Peak detector
 RMS - RMS detection

VERTICAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBm)	Det	89509 ACF (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	5.92479	-90.84	RMS	34.9	-8.4	11.8	1.32	-51.22	-27	-24.22	-	-	204	173	V
2	5.92485	-78.3	PK	34.9	-8.4	11.8	0	-40	-	-	-7	-33	204	173	V
1	5.92498	-79.4	PK	34.9	-8.4	11.8	0	-41.1	-	-	-7	-34.1	204	173	V
3	5.92498	-91.5	RMS	34.9	-8.4	11.8	1.32	-51.88	-27	-24.88	-	-	204	173	V

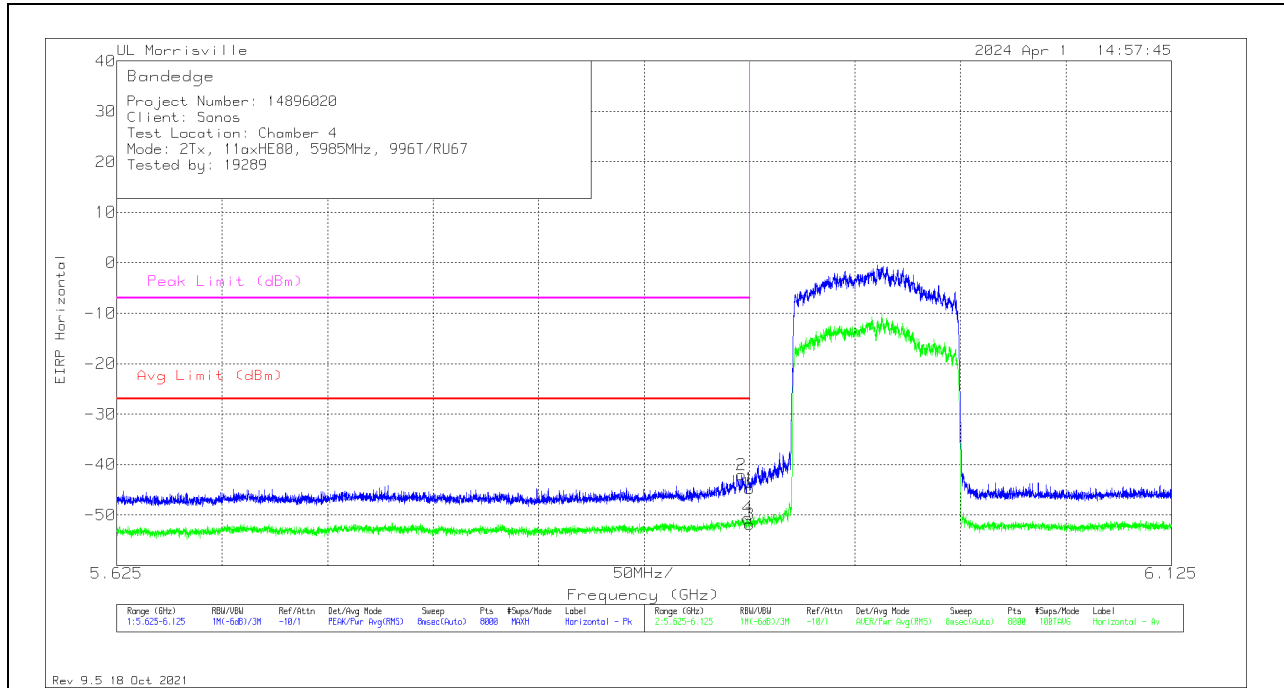
Pk - Peak detector
 RMS - RMS detection

10.1.4. TX ABOVE 1 GHz 802.11ax HE80 MODE IN THE UNII-5 BAND

2TX CHAIN 0 + CHAIN 1 OFDMA MODE: 996T

BANDEDGE (LOW CHANNEL)

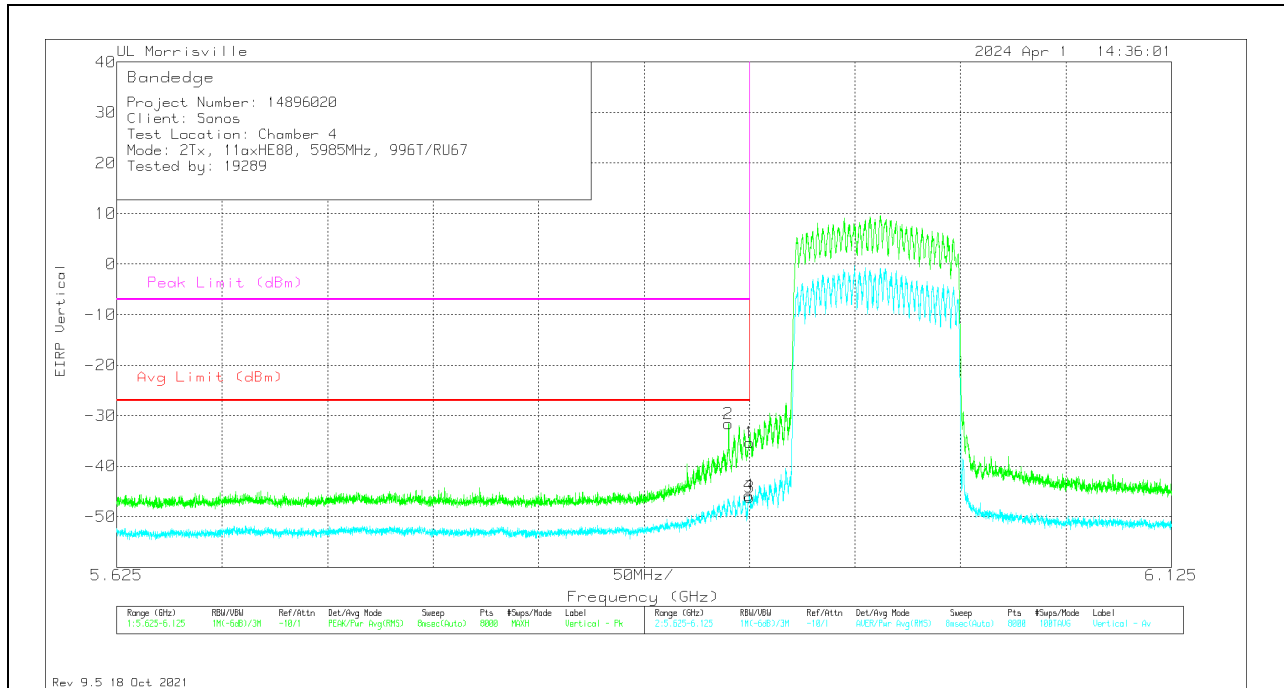
HORIZONTAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBm)	Det	89509 ACF (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	5.92116	-80.37	PK	34.9	-8.4	11.8	0	-42.07	-	-	-7	-35.07	152	162	H
4	5.92429	-93.41	RMS	34.9	-8.4	11.8	4.52	-50.59	-27	-23.59	-	-	152	162	H
1	5.92498	-83.11	PK	34.9	-8.4	11.8	0	-44.81	-	-	-7	-37.81	152	162	H
3	5.92498	-94.66	RMS	34.9	-8.4	11.8	4.52	-51.84	-27	-24.84	-	-	152	162	H

Pk - Peak detector
 RMS - RMS detection

VERTICAL RESULT



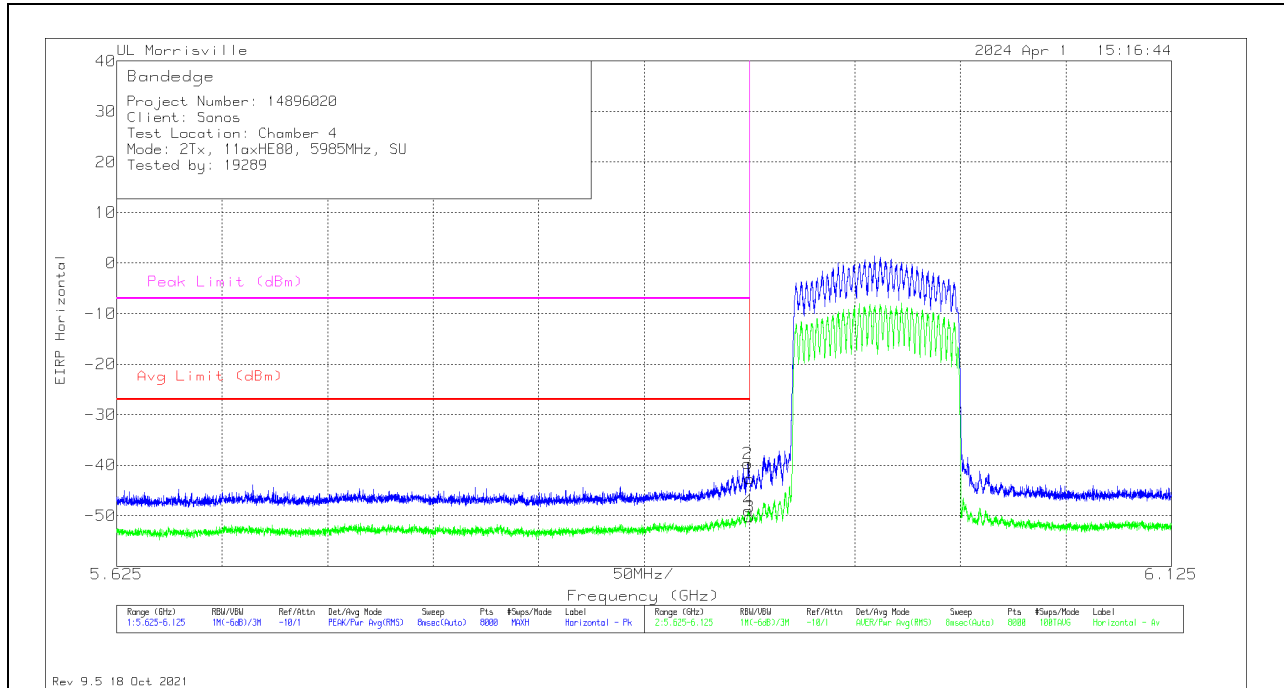
Marker	Frequency (GHz)	Meter Reading (dBm)	Det	89509 ACF (dB/m)	Gain/Loss (dB)	Conversion Factor (dB)	DC Corr (dB)	Corrected Reading EIRP	Avg Limit (dBm)	RMS Margin (dB)	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
2	5.91504	-70.02	Pk	34.9	-8.3	11.8	0	-31.62	-	-	-7	-24.62	162	155	V
4	5.92485	-88.59	RMS	34.9	-8.4	11.8	4.52	-45.77	-27	-18.77	-	-	162	155	V
1	5.92498	-73.63	Pk	34.9	-8.4	11.8	0	-35.33	-	-	-7	-28.33	162	155	V
3	5.92498	-88.93	RMS	34.9	-8.4	11.8	4.52	-46.11	-27	-19.11	-	-	162	155	V

Pk - Peak detector
 RMS - RMS detection

2TX CHAIN 0 + CHAIN 1 OFDMA MODE: SU

BANDEDGE (LOW CHANNEL)

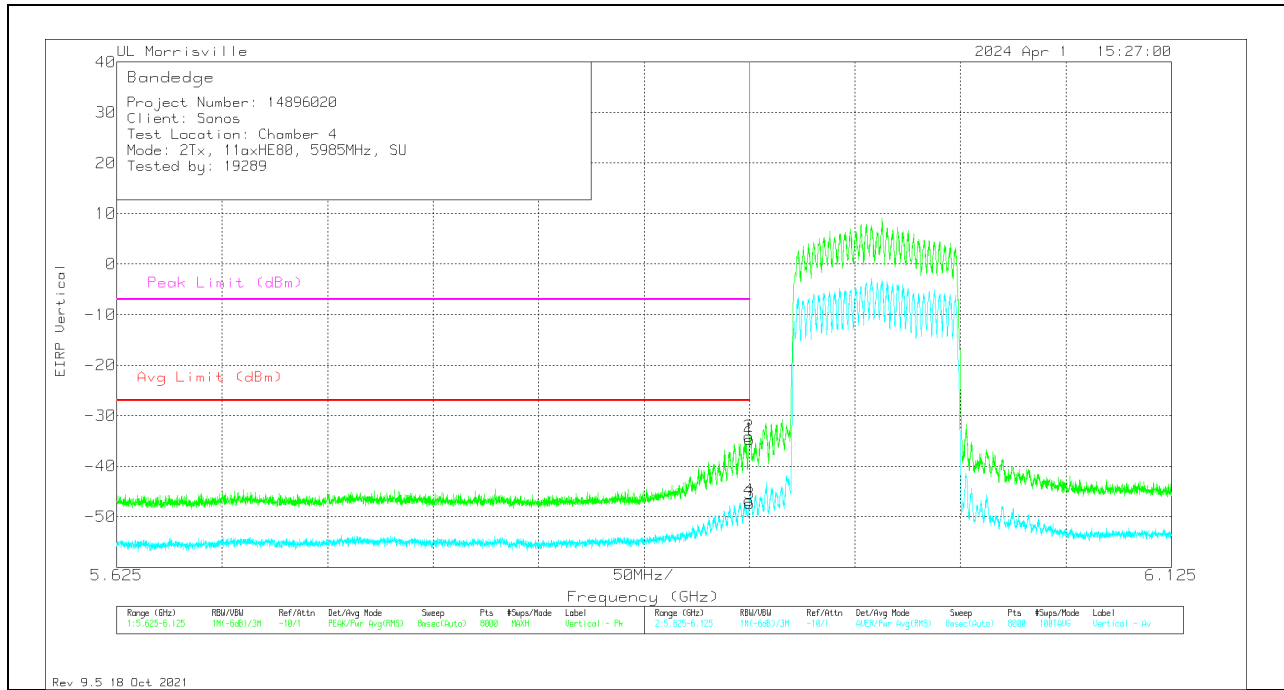
HORIZONTAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBm)	Det	89509 ACF (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	5.92429	-77.92	Pk	34.9	-8.4	11.8	0	-39.62	-	-	-7	-32.62	330	335	H
4	5.92441	-89.67	RMS	34.9	-8.4	11.8	2.37	-49	-27	-22	-	-	330	335	H
1	5.92498	-80.94	Pk	34.9	-8.4	11.8	0	-42.64	-	-	-7	-35.64	330	335	H
3	5.92498	-90.88	RMS	34.9	-8.4	11.8	2.37	-50.21	-27	-23.21	-	-	330	335	H

Pk - Peak detector
 RMS - RMS detection

VERTICAL RESULT

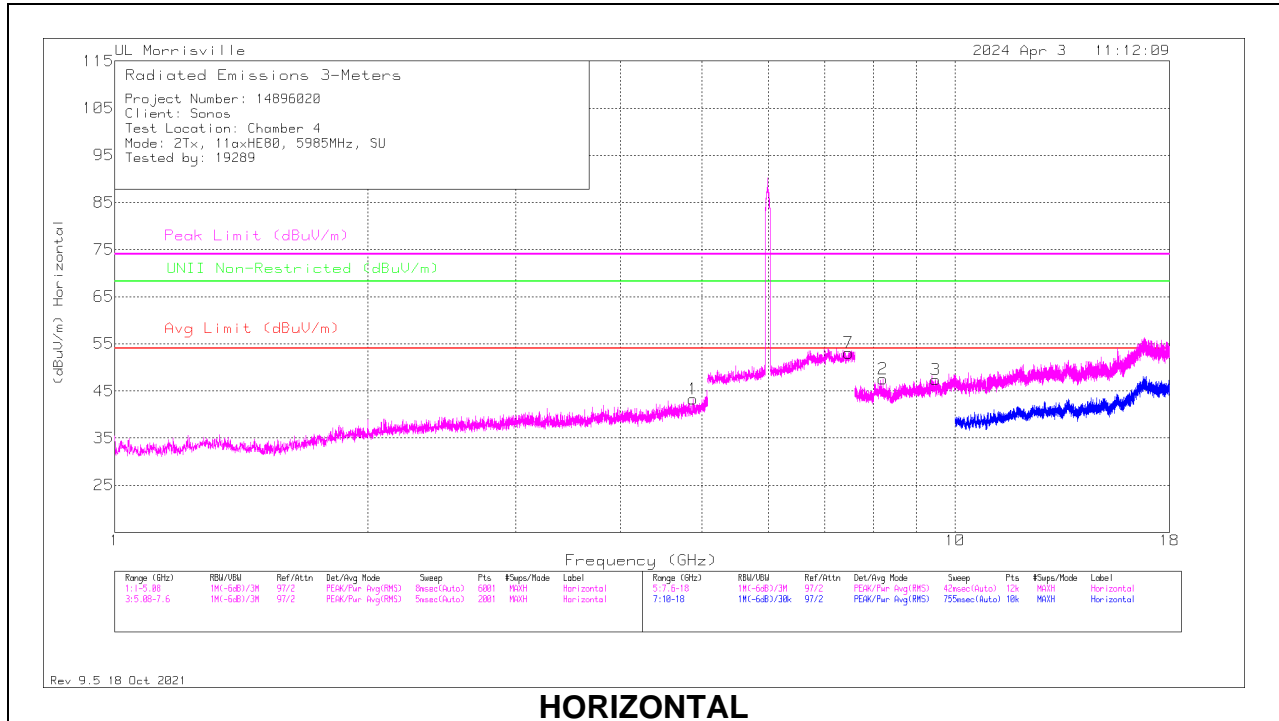


Marker	Frequency (GHz)	Meter Reading (dBm)	Det	89509 ACF (dB/m)	Gain/Loss (dB)	Conversion Factor (dB)	DC Corr (dB)	Corrected Reading EIRP	Avg Limit (dBm)	RMS Margin (dB)	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
2	5.92485	-72.39	Pk	34.9	-8.4	11.8	0	-34.09	-	-	-7	-27.09	213	278	V
4	5.92485	-87.39	RMS	34.9	-8.4	11.8	2.37	-46.72	-27	-19.72	-	-	213	278	V
1	5.92498	-72.95	Pk	34.9	-8.4	11.8	0	-34.65	-	-	-7	-27.65	213	278	V
3	5.92498	-88.02	RMS	34.9	-8.4	11.8	2.37	-47.35	-27	-20.35	-	-	213	278	V

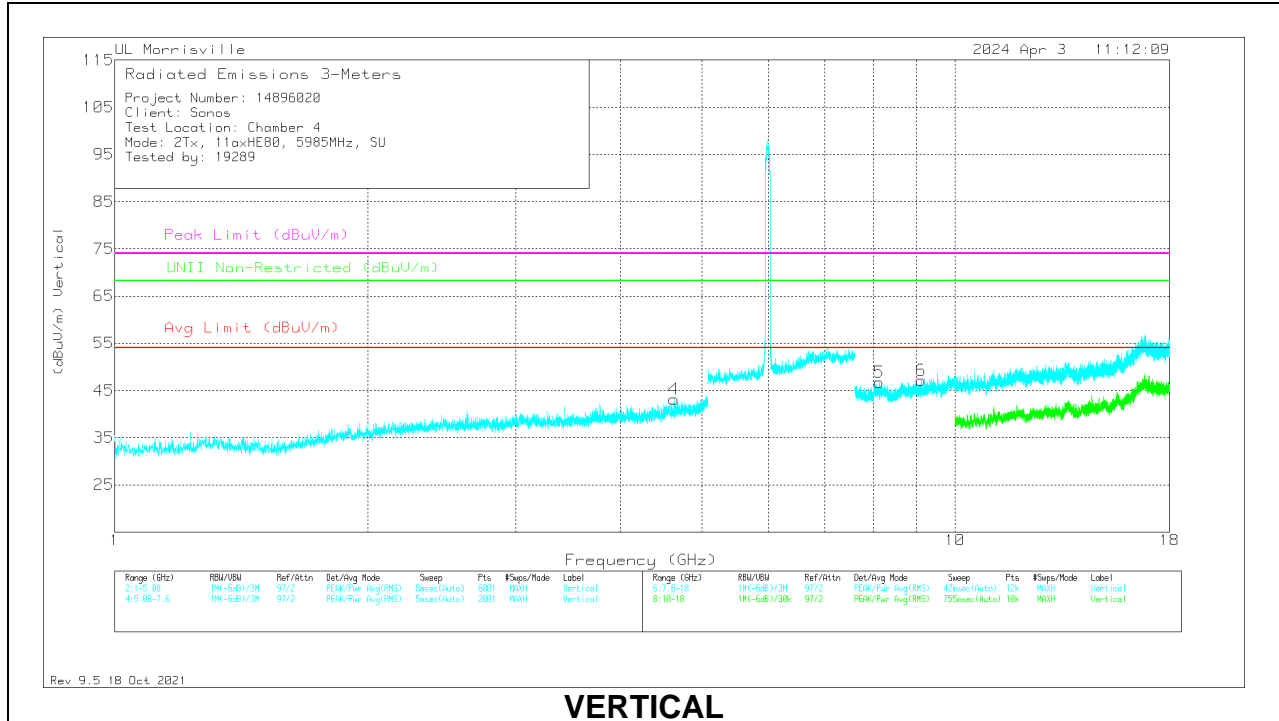
Pk - Peak detector
 RMS - RMS detection

HARMONICS AND SPURIOUS EMISSIONS

LOW CHANNEL



HORIZONTAL



VERTICAL

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)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	*** 4.876	40.3	Pk	34	-31	0	0	43.3	54	-10.7	74	-30.7	-	-	0-360	100	H
4	*** 4.63052	39.91	Pk	34.1	-30.9	0	0	43.11	54	-10.89	74	-30.89	-	-	0-360	200	V
7	*** 7.46876	25.85	PK-U	35.7	-6.2	0	0	55.35	-	-	74	-18.65	-	-	8	340	H
	*** 7.46876	13.48	ADR	35.7	-6.2	0	2.37	45.35	54	-8.65	-	-	-	-	8	340	H
2	*** 8.2058	38.35	Pk	35.8	-27.4	.8	0	47.55	54	-6.45	74	-26.45	-	-	0-360	100	H
3	*** 9.48327	36.5	Pk	36.7	-26.1	.3	0	47.4	54	-6.6	74	-26.6	-	-	0-360	100	H
5	*** 8.1278	37.93	Pk	35.8	-27.9	.9	0	46.73	54	-7.27	74	-27.27	-	-	0-360	200	V
6	*** 9.1132	36.18	Pk	36.3	-25.8	.5	0	47.18	54	-6.82	74	-26.82	-	-	0-360	200	V

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

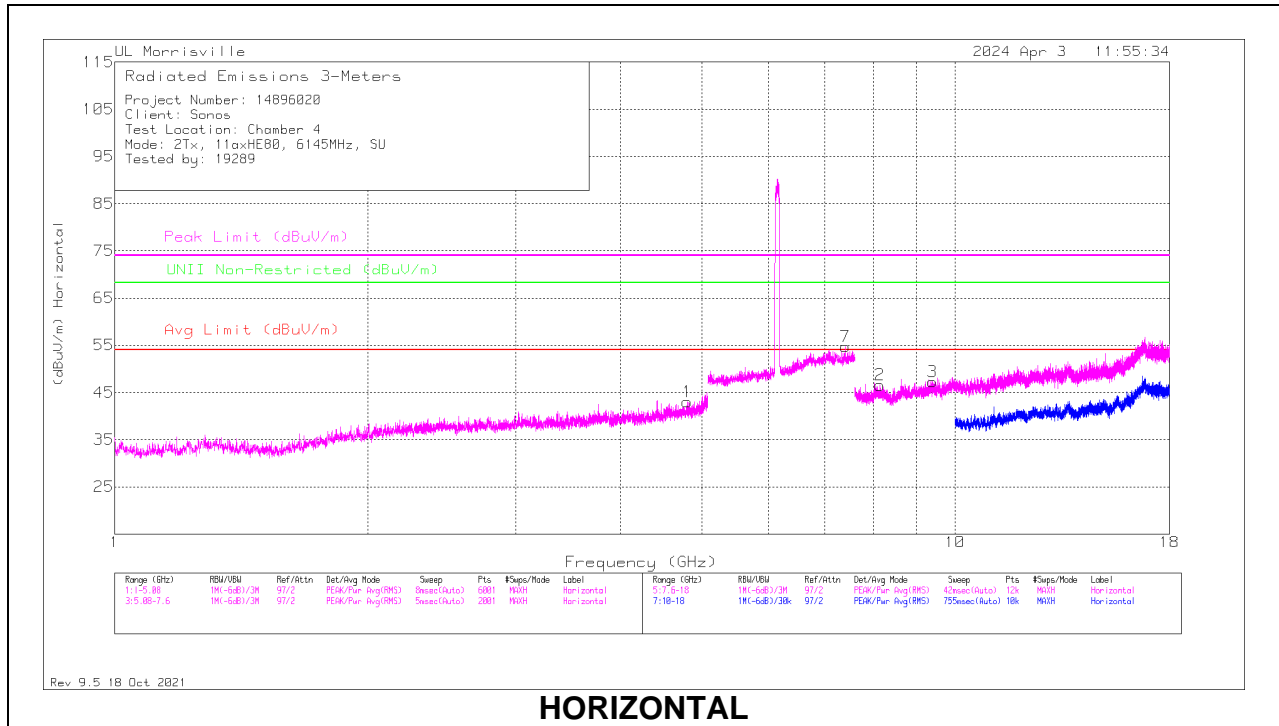
** - indicates frequency in Taiwan NCC LP0002 Restricted Band

Pk - Peak detector

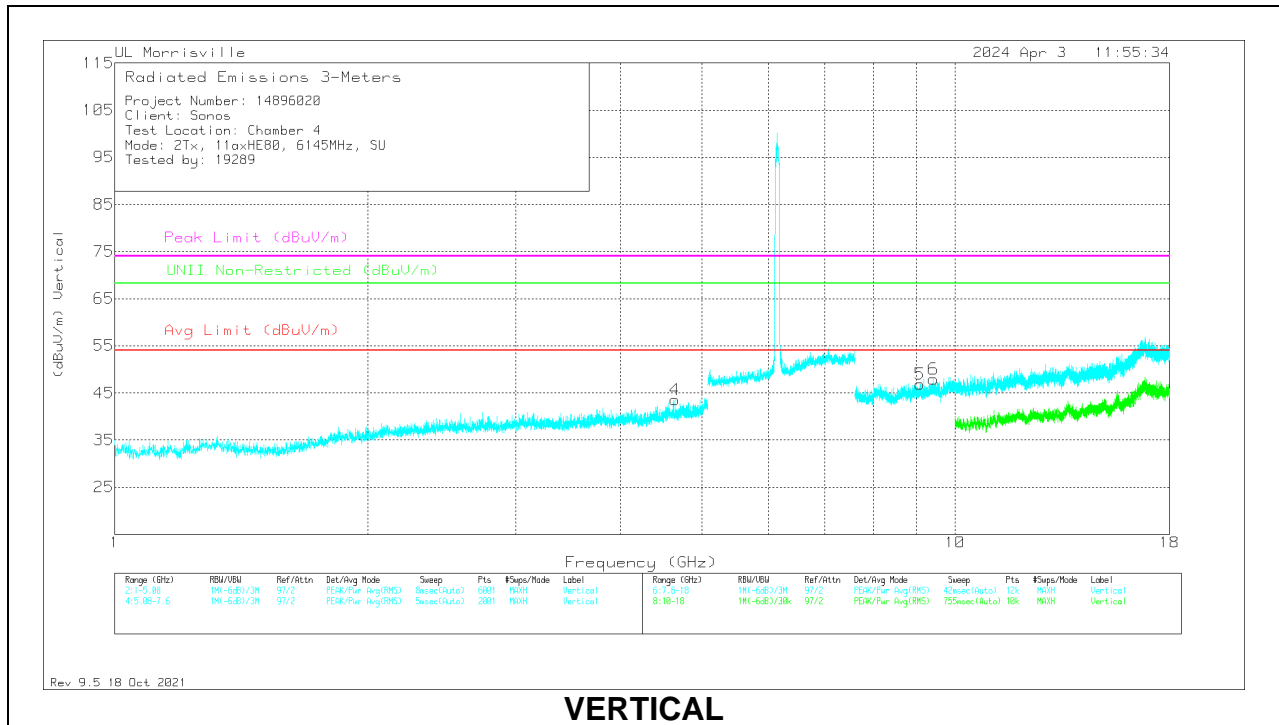
PK-U - Maximum Peak

ADR - RMS average

MID CHANNEL



HORIZONTAL

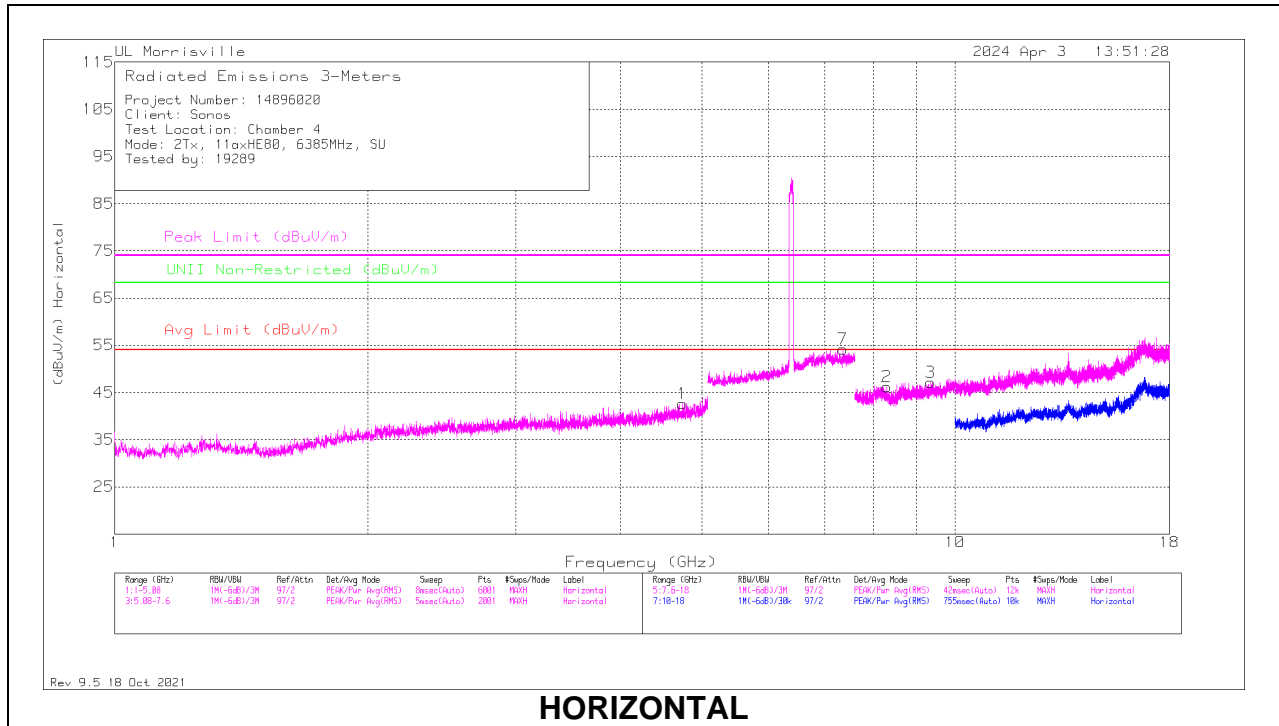


VERTICAL

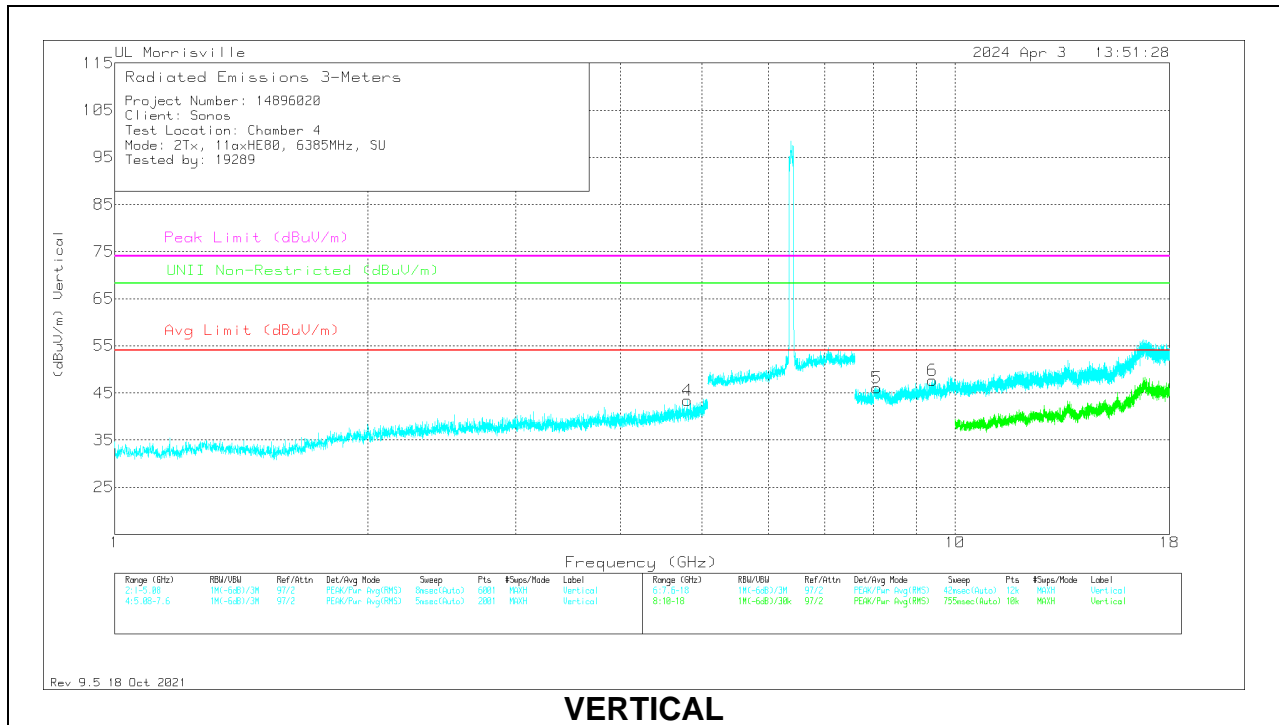
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	89509 ACF (dB/m)	Gain/Loss (dB)	Filter (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	*** 4.80052	39.43	Pk	34.1	-30.5	0	0	43.03	54	-10.97	74	-30.97	-	-	0-360	100	H
4	** 4.6414	40.25	Pk	34.1	-30.8	0	0	43.55	54	-10.45	74	-30.45	-	-	0-360	200	V
7	*** 7.40794	25.28	PK-U	35.6	-6.7	0	0	54.18	-	-	74	-19.82	-	-	26	216	H
	*** 7.40565	13.79	ADR	35.6	-6.7	0	2.37	45.06	54	-8.94	-	-	-	-	26	216	H
2	*** 8.13473	37.74	Pk	35.8	-27.8	.8	0	46.54	54	-7.46	74	-27.46	-	-	0-360	100	H
3	*** 9.41133	36.37	Pk	36.6	-26.1	.4	0	47.27	54	-6.73	74	-26.73	-	-	0-360	100	H
5	*** 9.08287	35.89	Pk	36.3	-26	.7	0	46.89	54	-7.11	74	-27.11	-	-	0-360	200	V
6	*** 9.4278	36.85	Pk	36.7	-26	.4	0	47.95	54	-6.05	74	-26.05	-	-	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
 PK-U - Maximum Peak
 ADR - RMS average

HIGH CHANNEL



HORIZONTAL



VERTICAL

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)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	*** 4.73796	39.86	Pk	34	-31.3	0	0	42.56	54	-11.44	74	-31.44	-	-	0-360	100	H
4	** 4.8012	39.87	Pk	34.1	-30.5	0	0	43.47	54	-10.53	74	-30.53	-	-	0-360	200	V
7	*** 7.36201	26.12	PK-U	35.5	-6.8	0	0	54.82	-	-	74	-19.18	-	-	285	144	H
	*** 7.36209	13.55	ADR	35.5	-6.8	0	2.37	44.62	54	-9.38	-	-	-	-	285	144	H
2	*** 8.2942	37.08	Pk	35.8	-27.3	.6	0	46.18	54	-7.82	74	-27.82	-	-	0-360	100	H
3	*** 9.35413	36.12	Pk	36.5	-25.8	.3	0	47.12	54	-6.88	74	-26.88	-	-	0-360	100	H
5	*** 8.07493	36.86	Pk	35.8	-27.5	.9	0	46.06	54	-7.94	74	-27.94	-	-	0-360	200	V
6	*** 9.40267	36.91	Pk	36.6	-26.2	.4	0	47.71	54	-6.29	74	-26.29	-	-	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

PK-U - Maximum Peak

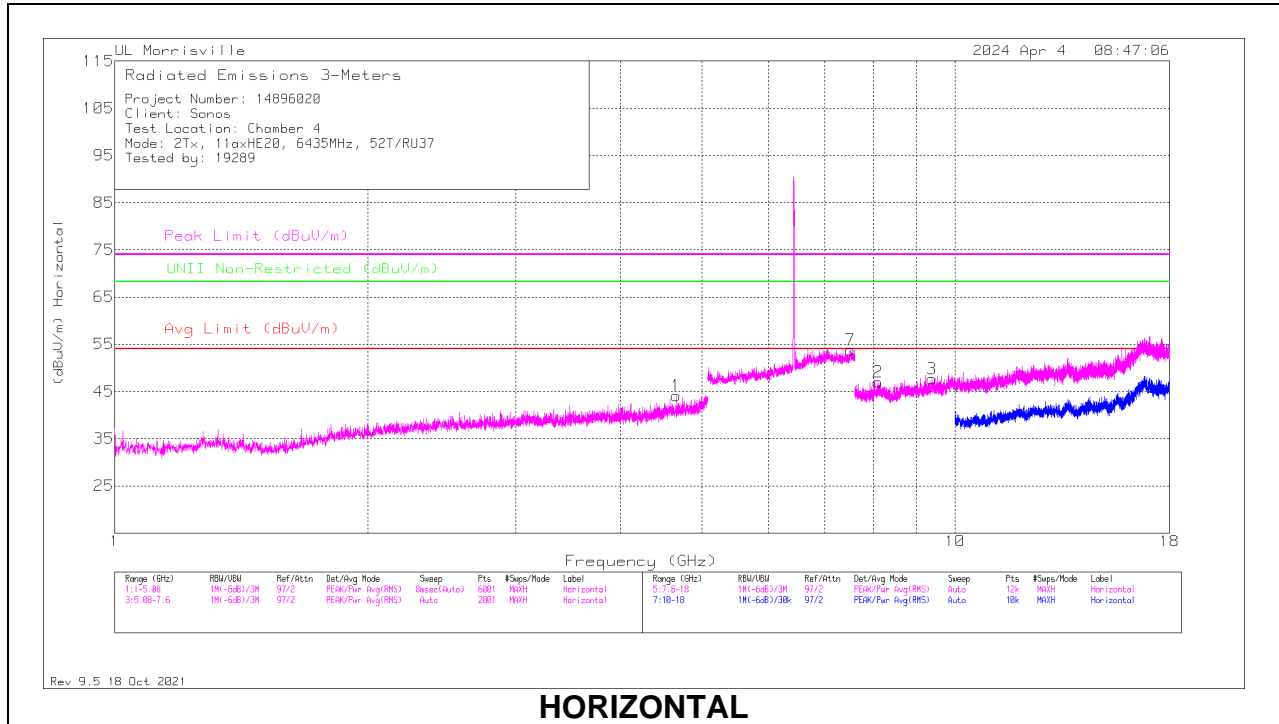
ADR - RMS average

10.1.5. TX ABOVE 1 GHz 802.11ax HE20 MODE IN THE UNII-6 BAND

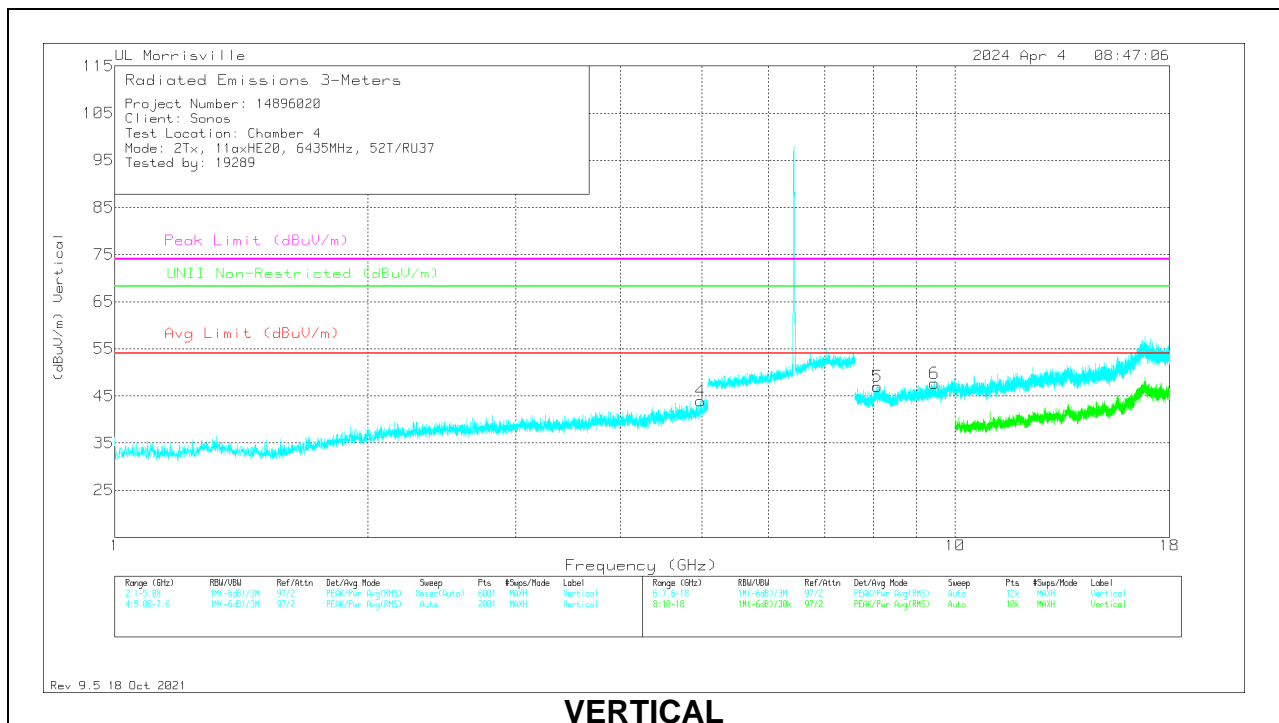
2TX CHAIN 0 + CHAIN 1 OFDMA MODE: 52T

HARMONICS AND SPURIOUS EMISSIONS

LOW CHANNEL



HORIZONTAL



VERTICAL

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)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	*** 4.66112	41.03	Pk	34.1	-31.1	0	0	44.03	54	-9.97	74	-29.97	-	-	0-360	100	H
4	*** 4.97732	40.23	Pk	34	-30.3	0	0	43.93	54	-10.07	74	-30.07	-	-	0-360	200	V
7	*** 7.51418	25.53	PK-U	35.6	-6	0	0	55.13	-	-	74	-18.87	-	-	91	247	H
	*** 7.51402	13.42	ADR	35.6	-6	0	3.46	46.48	54	-7.52	-	-	-	-	91	247	H
2	*** 8.0966	37.75	Pk	35.8	-27.6	1	0	46.95	54	-7.05	74	-27.05	-	-	0-360	100	H
3	*** 9.38967	37.07	Pk	36.6	-26.3	.3	0	47.67	54	-6.33	74	-26.33	-	-	0-360	100	H
5	*** 8.09053	38.14	Pk	35.8	-27.8	.9	0	47.04	54	-6.96	74	-26.96	-	-	0-360	200	V
6	*** 9.44687	36.91	Pk	36.7	-26.3	.4	0	47.71	54	-6.29	74	-26.29	-	-	0-360	200	V

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

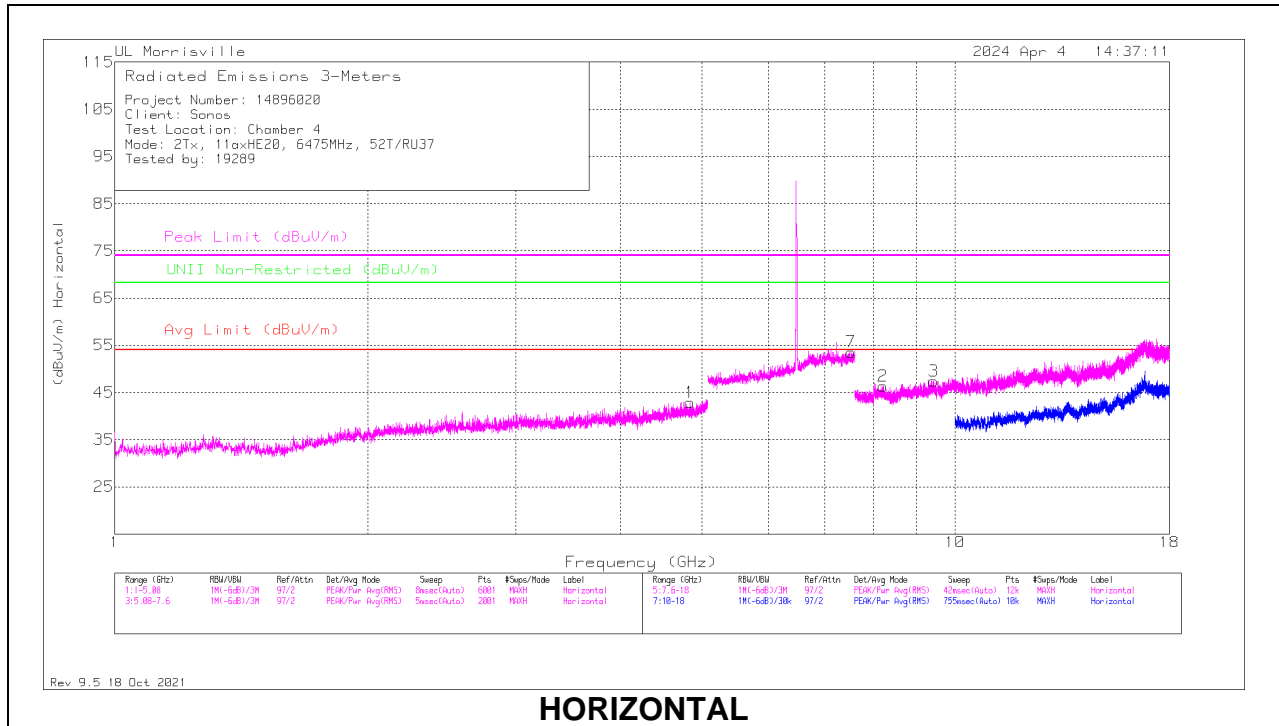
** - indicates frequency in Taiwan NCC LP0002 Restricted Band

Pk - Peak detector

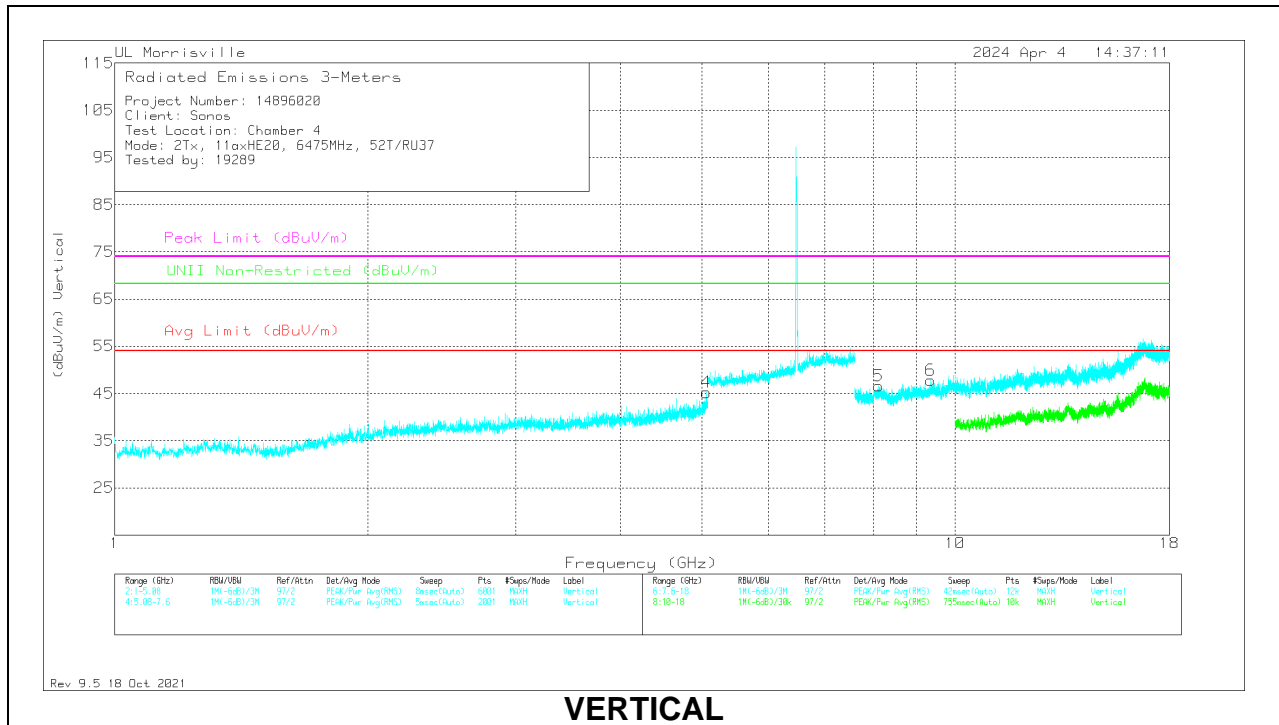
PK-U - Maximum Peak

ADR - RMS average

MID CHANNEL



HORIZONTAL



VERTICAL

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)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	*** 4.8352	39.79	Pk	34.1	-31	0	0	42.89	54	-11.11	74	-31.11	-	-	0-360	100	H
4	*** 5.06096	39.91	Pk	34.1	-28.8	0	0	45.21	54	-8.79	74	-28.79	-	-	0-360	200	V
7	*** 7.52704	25.58	PK-U	35.7	-6.2	0	0	55.08	-	-	74	-18.92	-	-	276	228	H
	*** 7.52701	13.42	ADR	35.7	-6.2	0	3.46	46.38	54	-7.62	-	-	-	-	276	228	H
2	*** 8.20407	37.32	Pk	35.8	-27.6	.8	0	46.32	54	-7.68	74	-27.68	-	-	0-360	100	H
3	*** 9.44167	36.02	Pk	36.7	-25.7	.4	0	47.42	54	-6.58	74	-26.58	-	-	0-360	100	H
5	*** 8.11047	37.66	Pk	35.8	-27.8	.9	0	46.56	54	-7.44	74	-27.44	-	-	0-360	200	V
6	*** 9.3498	37.04	Pk	36.5	-26	.3	0	47.84	54	-6.16	74	-26.16	-	-	0-360	200	V

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

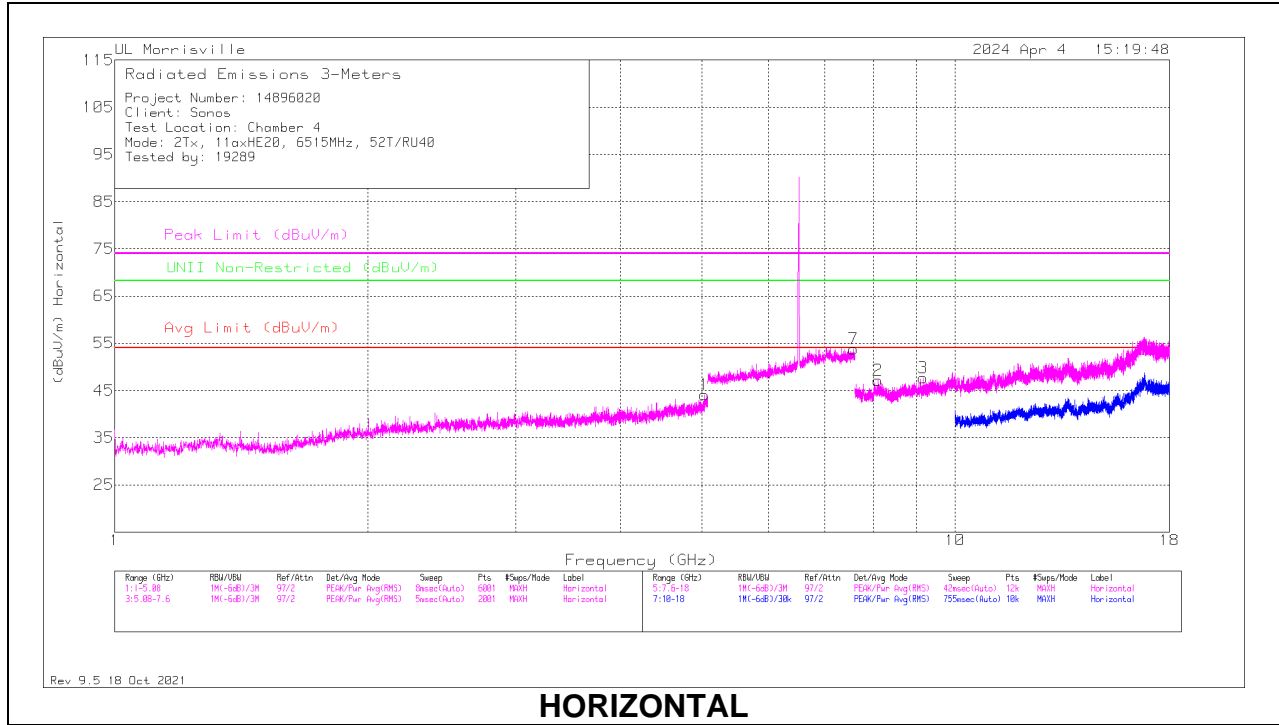
** - indicates frequency in Taiwan NCC LP0002 Restricted Band

Pk - Peak detector

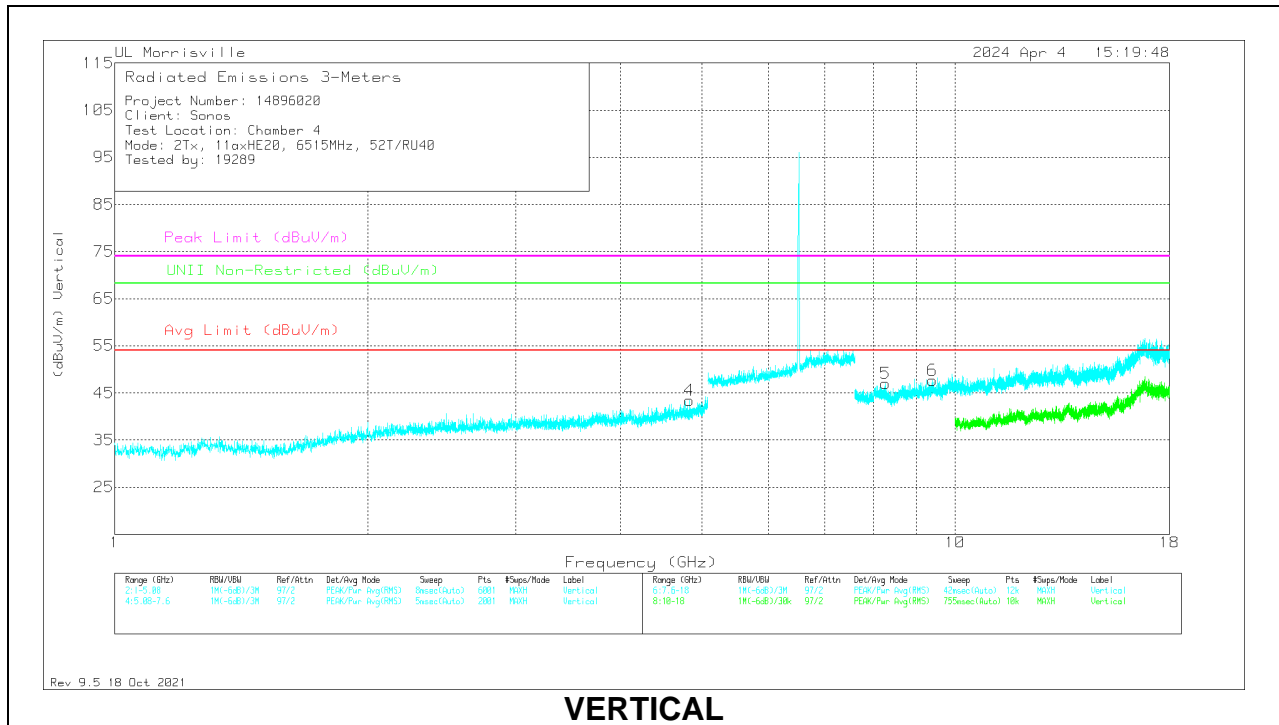
PK-U - Maximum Peak

ADR - RMS average

HIGH CHANNEL



HORIZONTAL



VERTICAL

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)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	*** 5.03512	39.98	Pk	34.1	-30	0	0	44.08	54	-9.92	74	-29.92	-	-	0-360	100	H
4	*** 4.83248	40.01	Pk	34.1	-30.7	0	0	43.41	54	-10.59	74	-30.59	-	-	0-360	200	V
7	*** 7.56986	24.85	PK-U	35.7	-6.2	0	0	54.35	-	-	74	-19.65	-	-	354	121	H
	*** 7.5695	13.16	ADR	35.7	-6.2	0	3.46	46.12	54	-7.88	-	-	-	-	354	121	H
2	*** 8.0966	37.96	Pk	35.8	-27.6	1	0	47.16	54	-6.84	74	-26.84	-	-	0-360	100	H
3	*** 9.1626	37.25	Pk	36.3	-26.4	.5	0	47.65	54	-6.35	74	-26.35	-	-	0-360	100	H
5	*** 8.26647	38.17	Pk	35.8	-27.7	.7	0	46.97	54	-7.03	74	-27.03	-	-	0-360	200	V
6	*** 9.40353	36.9	Pk	36.6	-26.2	.4	0	47.7	54	-6.3	74	-26.3	-	-	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

PK-U - Maximum Peak

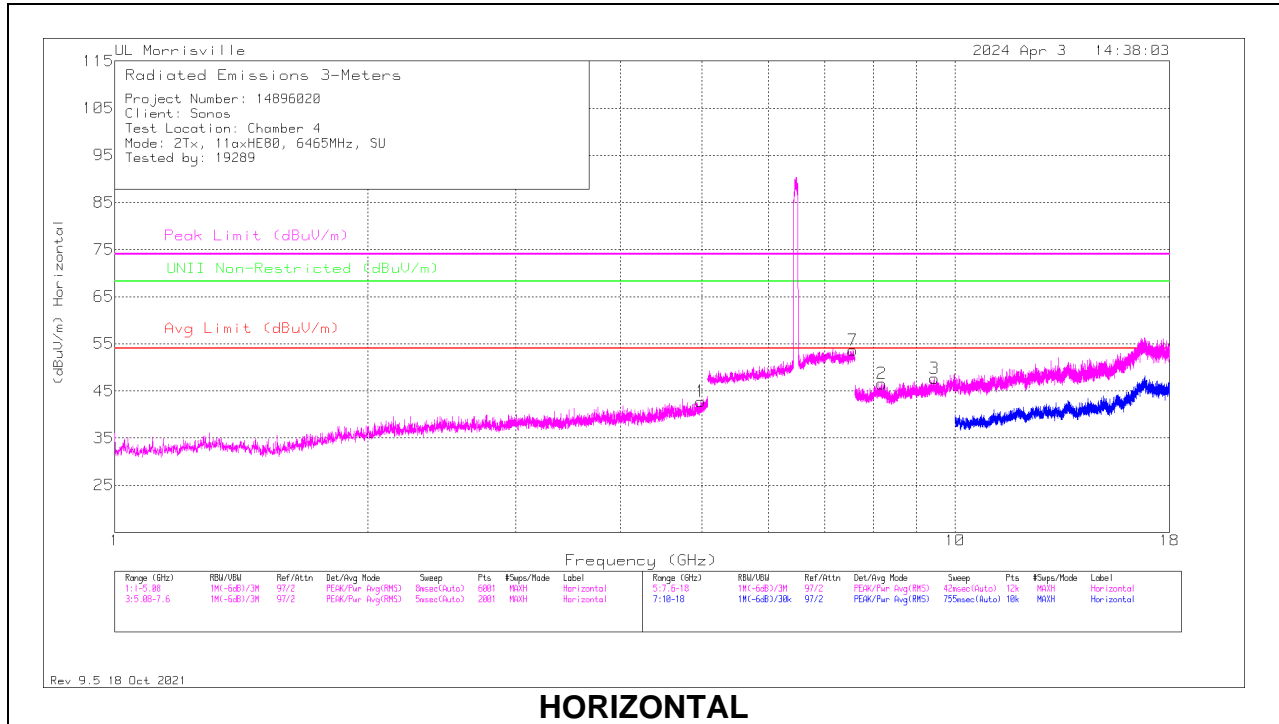
ADR - RMS average

10.1.6. TX ABOVE 1 GHz 802.11ax HE80 MODE IN THE UNII-6 BAND

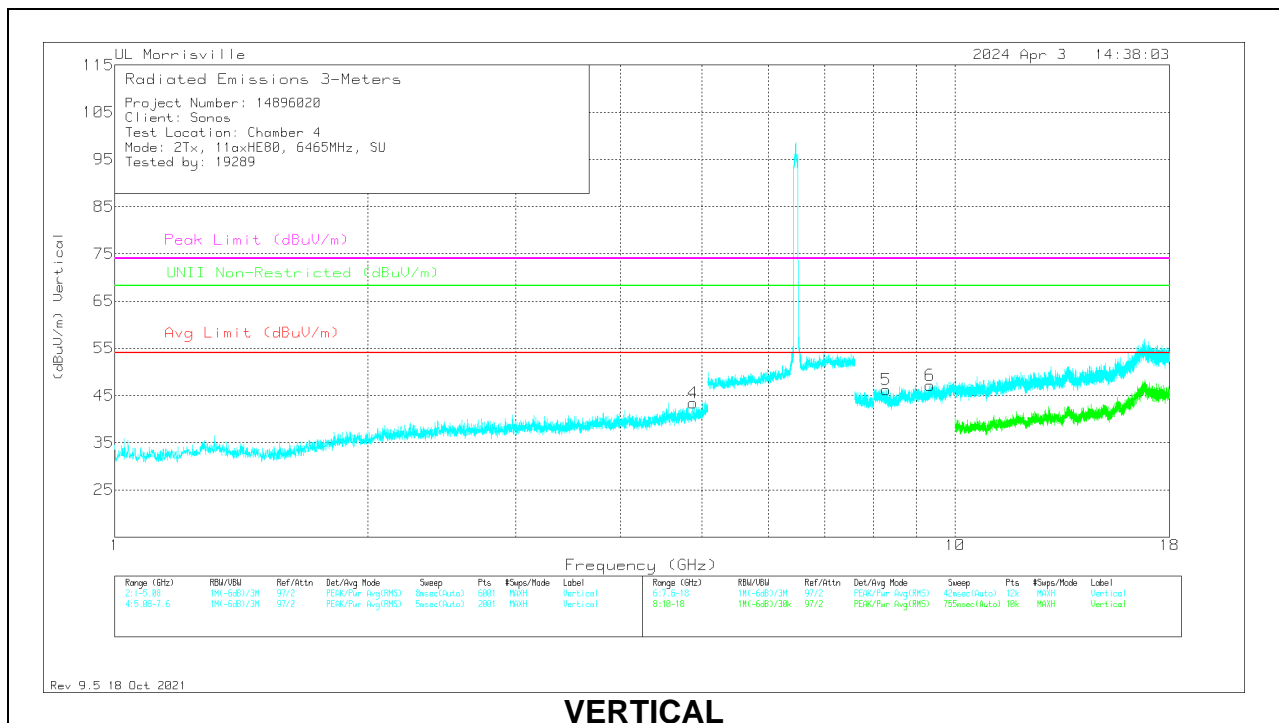
2TX CHAIN 0 + CHAIN 1 OFDMA MODE: SU

HARMONICS AND SPURIOUS EMISSIONS

LOW CHANNEL



HORIZONTAL



VERTICAL

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)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	*** 4.98208	39.01	Pk	34	-30.2	0	0	42.81	54	-11.19	74	-31.19	-	-	0-360	100	H
4	*** 4.88076	40.46	Pk	34	-31	0	0	43.46	54	-10.54	74	-30.54	-	-	0-360	200	V
7	*** 7.56505	25.01	PK-U	35.7	-6.1	0	0	54.61	-	-	74	-19.39	-	-	40	109	H
	*** 7.56464	13.53	ADR	35.7	-6.1	0	2.37	45.5	54	-8.5	-	-	-	-	40	109	H
2	*** 8.1824	37.54	Pk	35.8	-27.6	.8	0	46.54	54	-7.46	74	-27.46	-	-	0-360	100	H
3	*** 9.44513	36.74	Pk	36.7	-26.2	.4	0	47.64	54	-6.36	74	-26.36	-	-	0-360	100	H
5	*** 8.28207	37	Pk	35.8	-27.2	.6	0	46.2	54	-7.8	74	-27.8	-	-	0-360	200	V
6	*** 9.33247	36.05	Pk	36.5	-25.7	.3	0	47.15	54	-6.85	74	-26.85	-	-	0-360	200	V

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

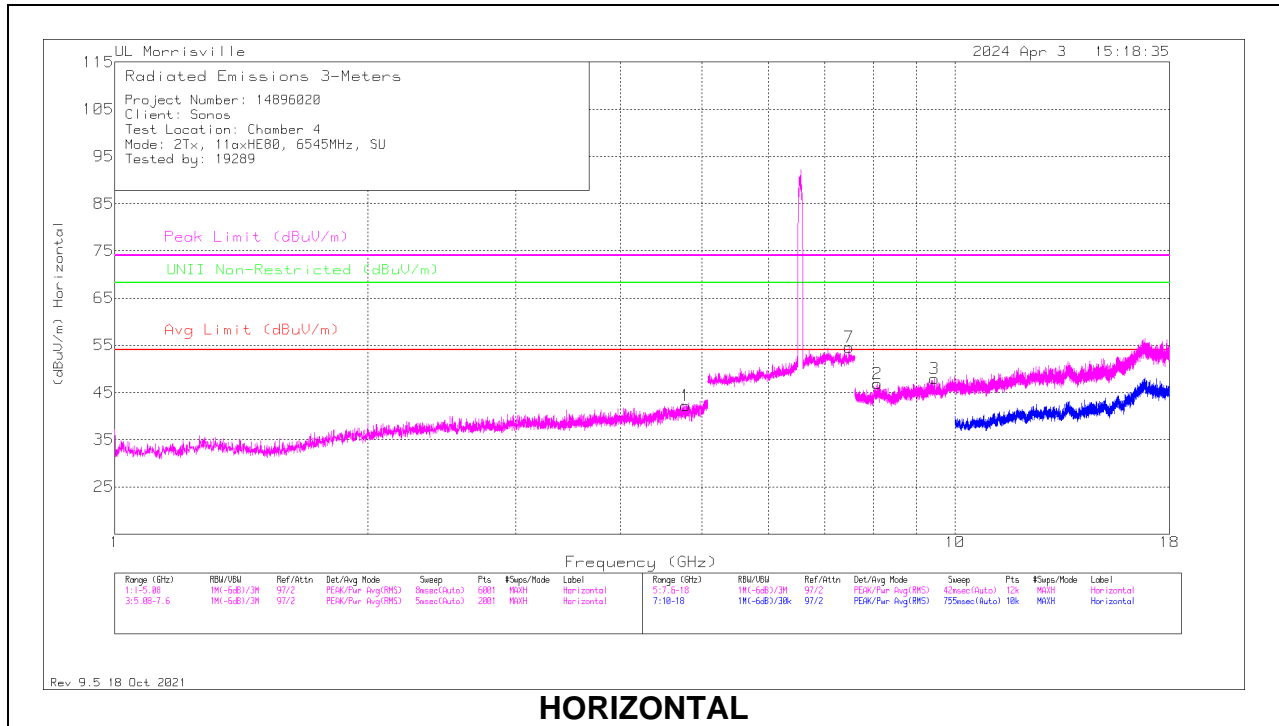
** - indicates frequency in Taiwan NCC LP0002 Restricted Band

Pk - Peak detector

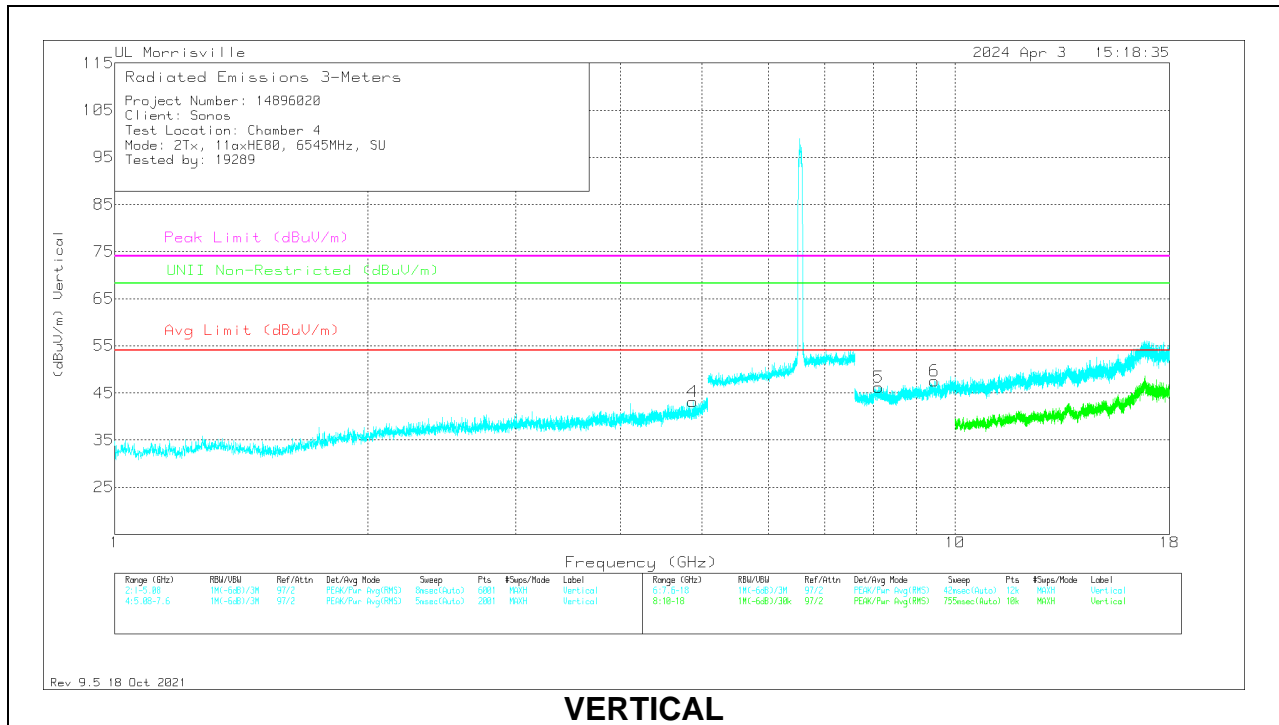
PK-U - Maximum Peak

ADR - RMS average

HIGH CHANNEL



HORIZONTAL



VERTICAL

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)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	*** 4.78386	38.77	Pk	34.1	-30.6	0	0	42.27	54	-11.73	74	-31.73	-	-	0-360	100	H
4	*** 4.87532	40.11	Pk	34	-31	0	0	43.11	54	-10.89	74	-30.89	-	-	0-360	200	V
7	*** 7.47811	24.87	PK-U	35.6	-6	0	0	54.47	-	-	74	-19.53	-	-	176	372	H
	*** 7.47827	13.36	ADR	35.6	-6	0	2.37	45.33	54	-8.67	-	-	-	-	176	372	H
2	*** 8.0862	37.61	Pk	35.8	-27.6	1	0	46.81	54	-7.19	74	-27.19	-	-	0-360	100	H
3	*** 9.4538	37.09	Pk	36.7	-26.3	.4	0	47.89	54	-6.11	74	-26.11	-	-	0-360	100	H
5	*** 8.11047	37.35	Pk	35.8	-27.8	.9	0	46.25	54	-7.75	74	-27.75	-	-	0-360	200	V
6	*** 9.4538	36.76	Pk	36.7	-26.3	.4	0	47.56	54	-6.44	74	-26.44	-	-	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

PK-U - Maximum Peak

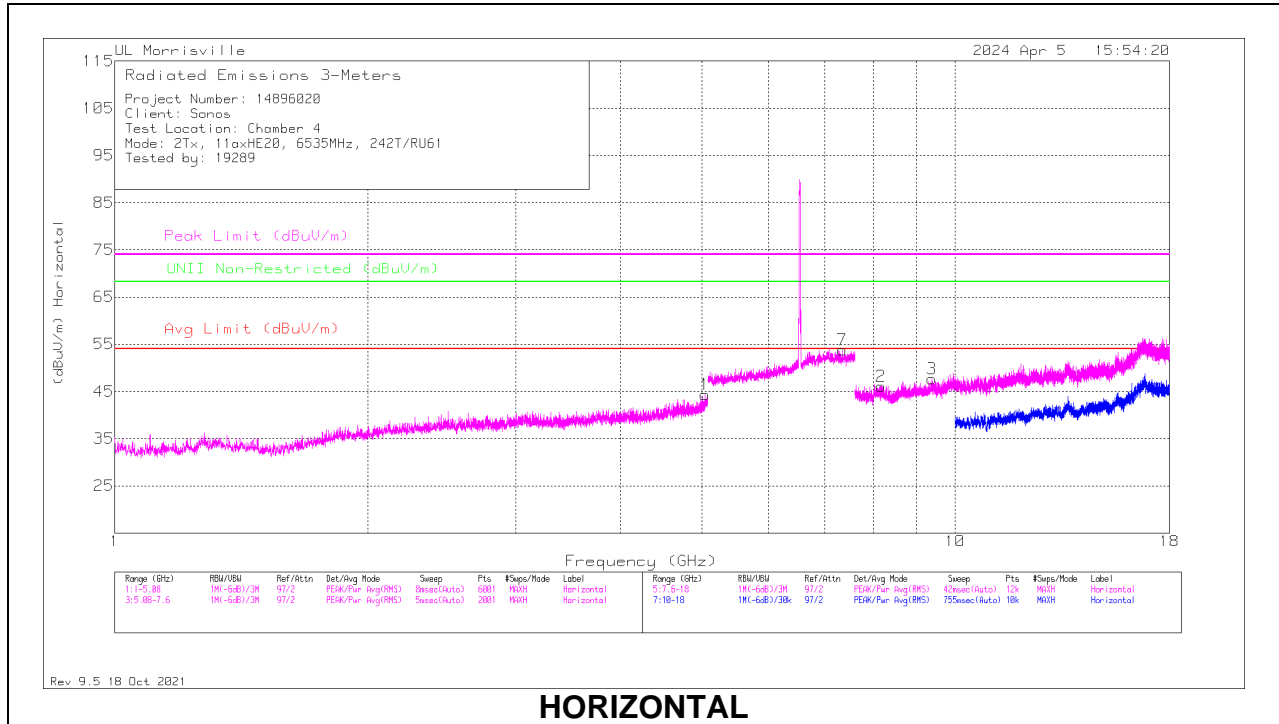
ADR - RMS average

10.1.7. TX ABOVE 1 GHz 802.11ax HE20 MODE IN THE UNII-7 BAND

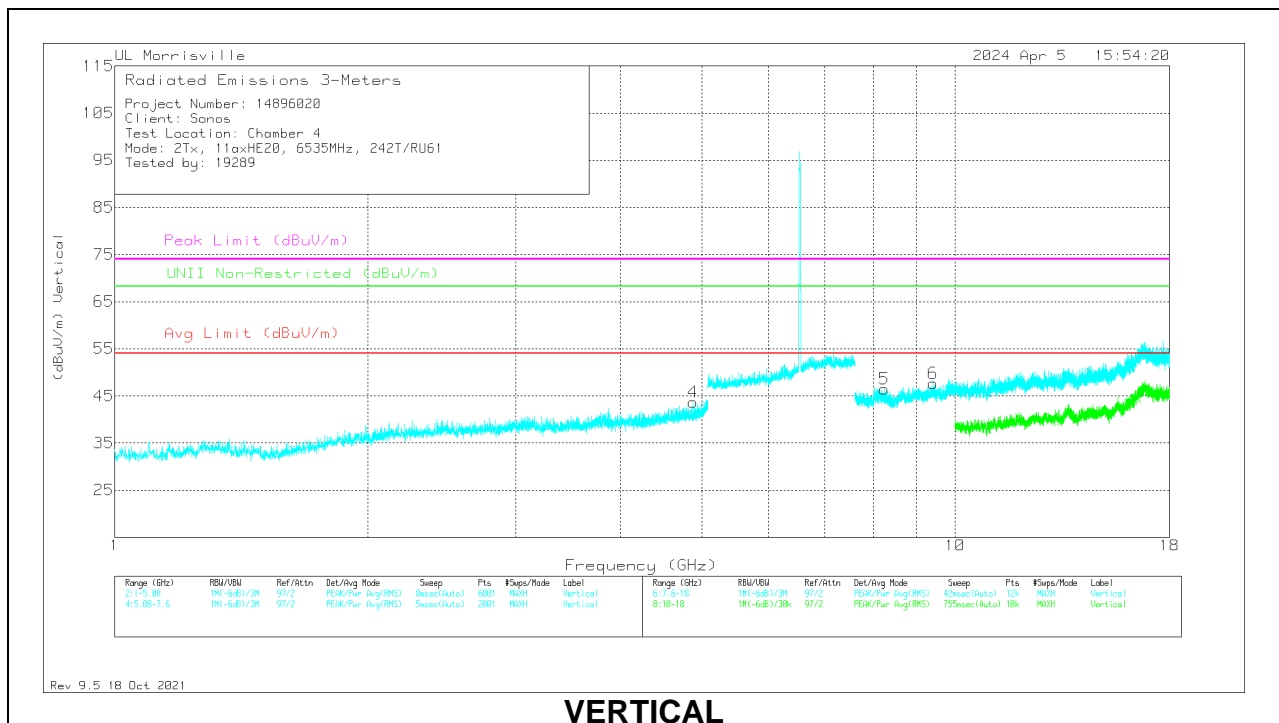
2TX CHAIN 0 + CHAIN 1 OFDMA MODE: 242T

HARMONICS AND SPURIOUS EMISSIONS

LOW CHANNEL



HORIZONTAL



VERTICAL

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)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	*** 5.04396	39.94	Pk	34.1	-29.7	0	0	44.34	54	-9.66	74	-29.66	-	-	0-360	100	H
4	*** 4.876	40.71	Pk	34	-31	0	0	43.71	54	-10.29	74	-30.29	-	-	0-360	200	V
7	*** 7.34152	25.49	PK-U	35.5	-6.6	0	0	54.39	-	-	74	-19.61	-	-	19	180	H
	*** 7.34132	13.57	ADR	35.5	-6.6	0	4.15	46.62	54	-7.38	-	-	-	-	19	180	H
2	*** 8.17373	37.32	Pk	35.8	-27.7	.7	0	46.12	54	-7.88	74	-27.88	-	-	0-360	300	H
3	*** 9.38273	36.52	Pk	36.6	-25.7	.3	0	47.72	54	-6.28	74	-26.28	-	-	0-360	300	H
5	*** 8.23613	37.33	Pk	35.8	-27.5	.8	0	46.43	54	-7.57	74	-27.57	-	-	0-360	200	V
6	*** 9.4174	36.52	Pk	36.6	-25.9	.4	0	47.62	54	-6.38	74	-26.38	-	-	0-360	200	V

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

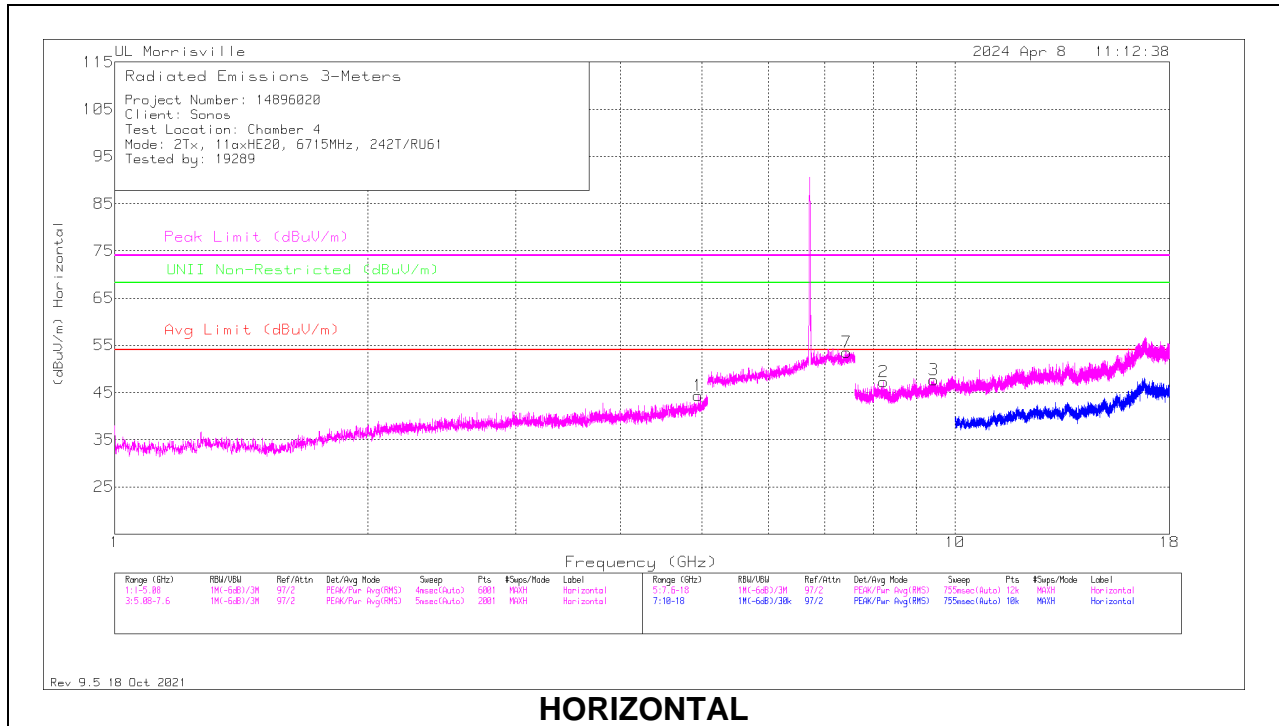
** - indicates frequency in Taiwan NCC LP0002 Restricted Band

Pk - Peak detector

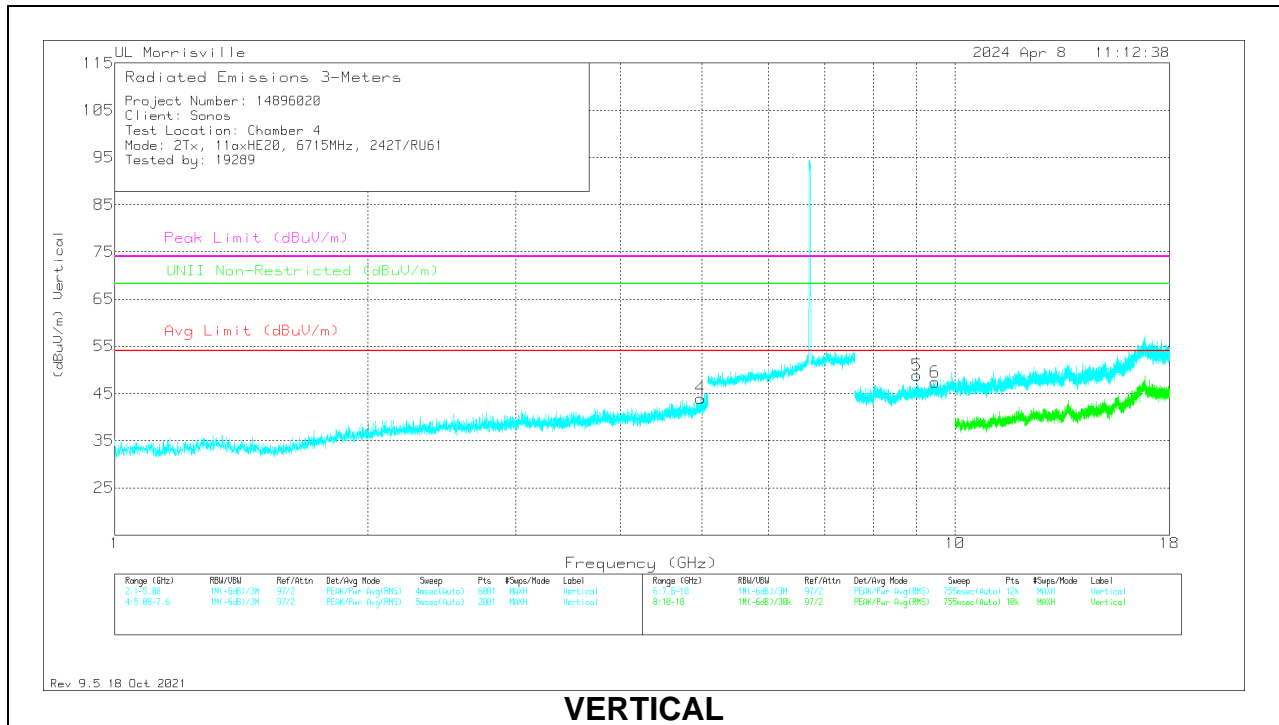
PK-U - Maximum Peak

ADR - RMS average

MID CHANNEL



HORIZONTAL



VERTICAL

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)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	*** 4.94672	41.05	Pk	33.9	-30.6	0	0	44.35	54	-9.65	74	-29.65	-	-	0-360	100	H
4	*** 4.98276	40.21	Pk	34	-30.2	0	0	44.01	54	-9.99	74	-29.99	-	-	0-360	200	V
7	*** 7.43368	25.42	PK-U	35.7	-6.6	0	0	54.52	-	-	74	-19.48	-	-	71	298	H
	*** 7.43369	13.43	ADR	35.7	-6.6	0	4.15	46.68	54	-7.32	-	-	-	-	71	298	H
2	*** 8.22227	38.13	Pk	35.8	-27.5	.8	0	47.23	54	-6.77	74	-26.77	-	-	0-360	100	H
3	*** 9.44253	36.42	Pk	36.7	-25.8	.4	0	47.72	54	-6.28	74	-26.28	-	-	0-360	100	H
5	*** 9.00288	36.34	PK-U	36.2	-25.3	.6	0	47.84	-	-	74	-26.16	-	-	3	259	V
	*** 9.00291	24.5	ADR	36.2	-25.3	.6	4.15	40.15	54	-13.85	-	-	-	-	3	259	V
6	*** 9.46767	35.95	Pk	36.7	-25.6	.3	0	47.35	54	-6.65	74	-26.65	-	-	0-360	200	V

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

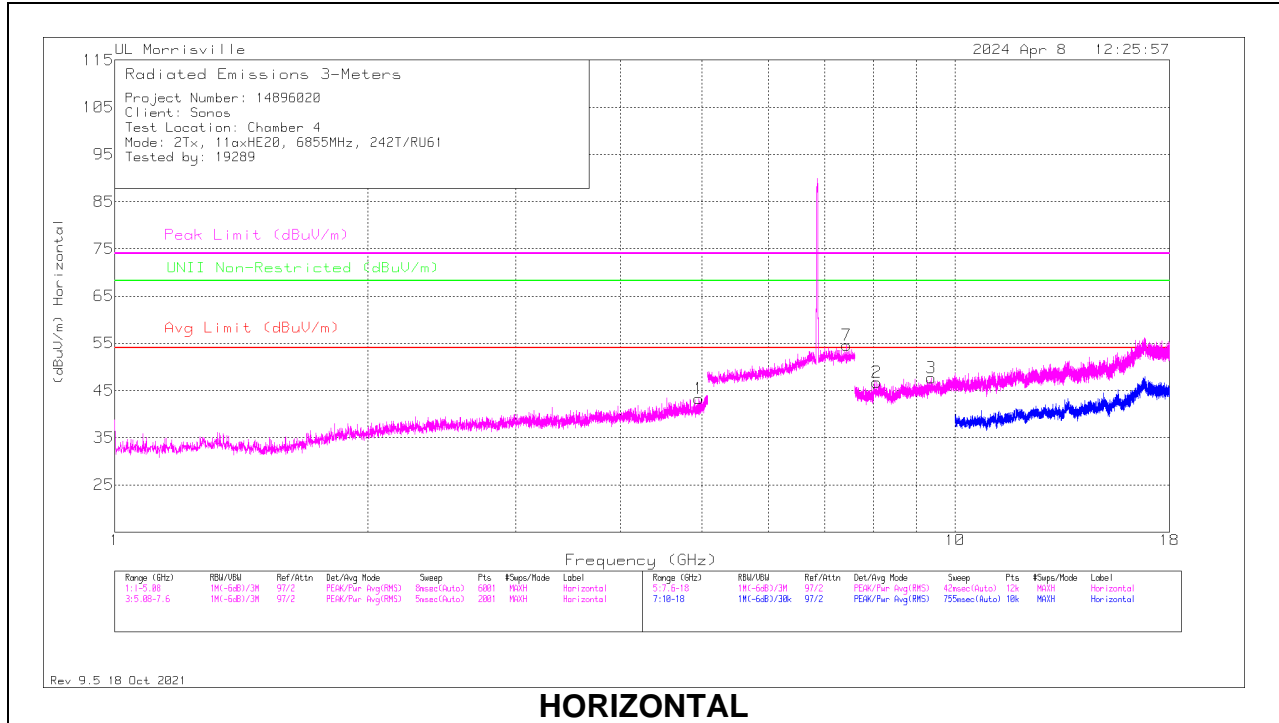
** - indicates frequency in Taiwan NCC LP0002 Restricted Band

Pk - Peak detector

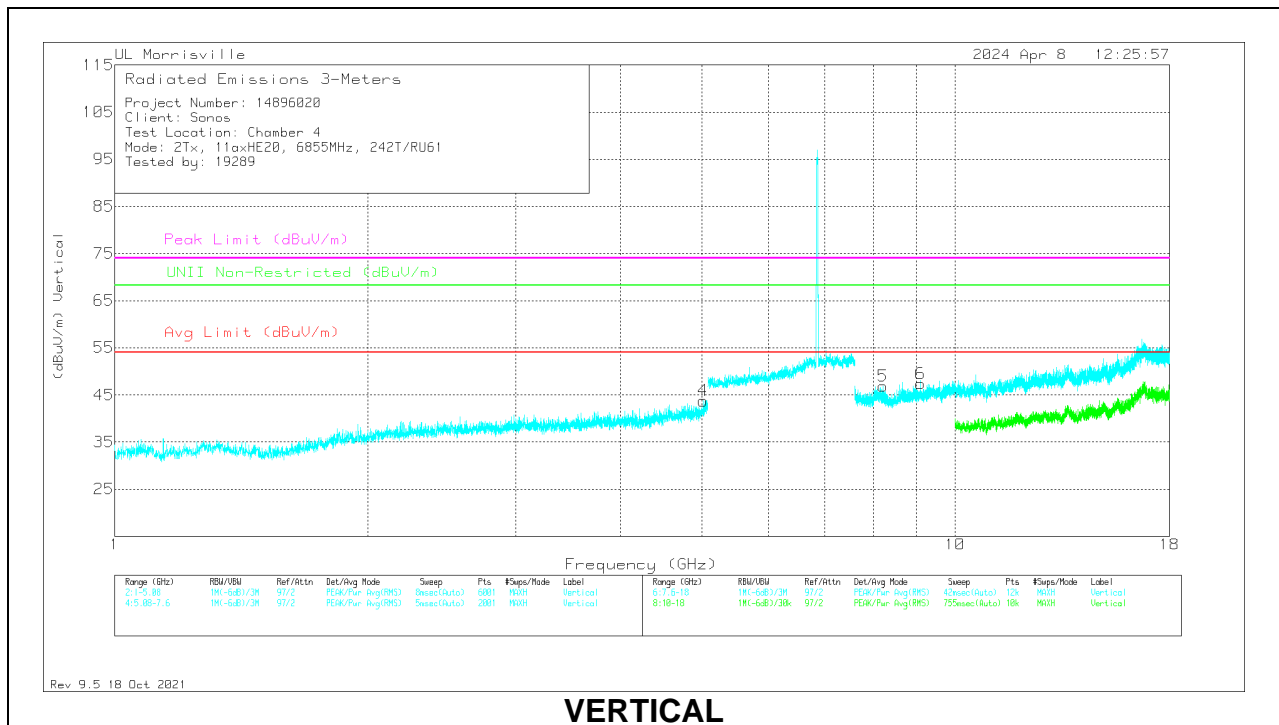
PK-U - Maximum Peak

ADR - RMS average

HIGH CHANNEL



HORIZONTAL



VERTICAL

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)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	*** 4.95488	40.19	Pk	33.9	-30.8	0	0	43.29	54	-10.71	74	-30.71	-	-	0-360	100	H
4	*** 5.0154	40.05	Pk	34.1	-30.4	0	0	43.75	54	-10.25	74	-30.25	-	-	0-360	200	V
7	*** 7.43504	26.06	PK-U	35.7	-6.5	0	0	55.26	-	-	74	-18.74	-	-	67	327	H
	*** 7.43472	13.49	ADR	35.7	-6.5	0	4.15	46.84	54	-7.16	-	-	-	-	67	327	H
2	*** 8.0758	37.5	Pk	35.8	-27.6	1	0	46.7	54	-7.3	74	-27.3	-	-	0-360	200	H
3	*** 9.3654	36.52	Pk	36.5	-25.6	.2	0	47.62	54	-6.38	74	-26.38	-	-	0-360	200	H
5	*** 8.21187	37.6	Pk	35.8	-27.3	.8	0	46.9	54	-7.1	74	-27.1	-	-	0-360	100	V
6	*** 9.10453	36.45	Pk	36.3	-26	.6	0	47.35	54	-6.65	74	-26.65	-	-	0-360	100	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

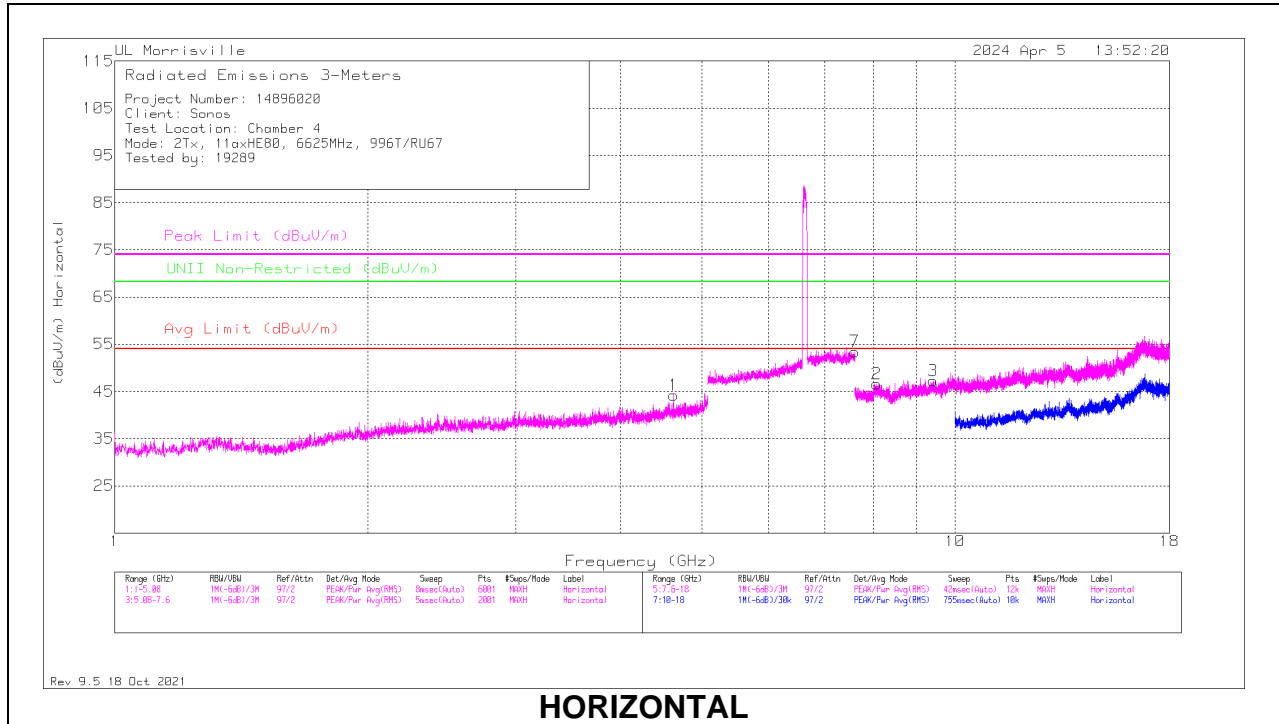
ADR - RMS average

10.1.8. TX ABOVE 1 GHz 802.11ax HE80 MODE IN THE UNII-7 BAND

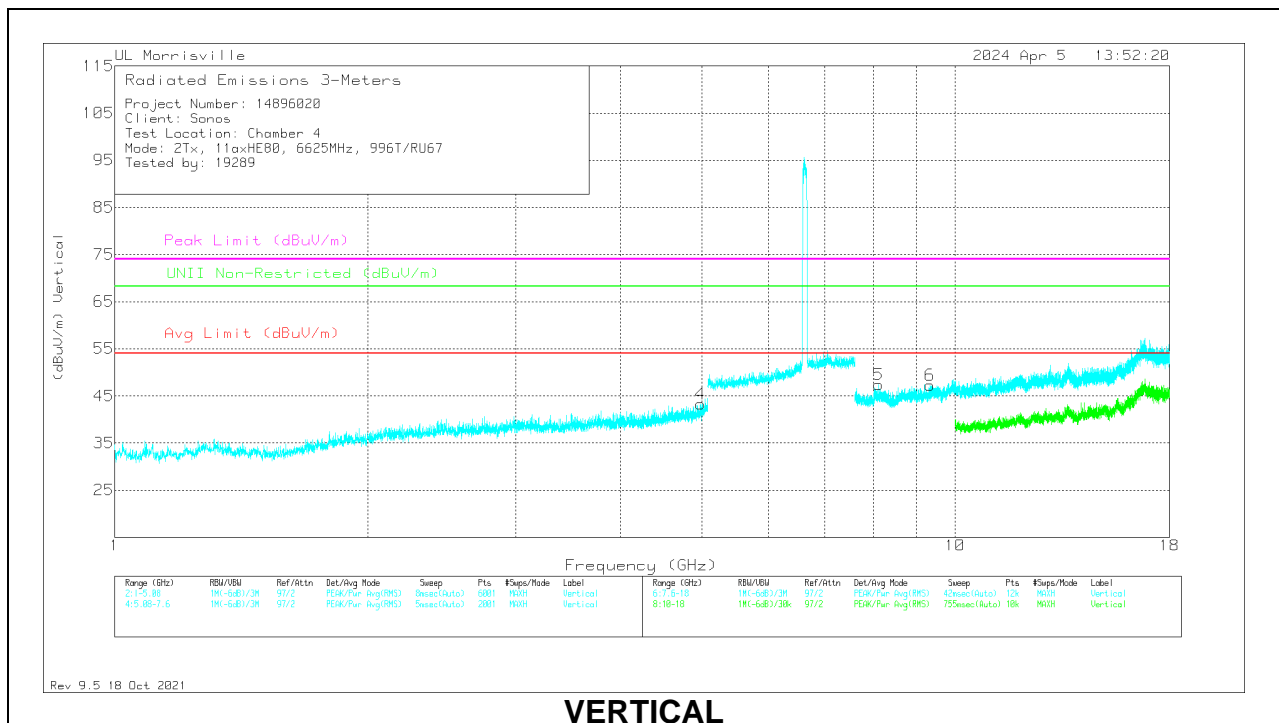
2TX CHAIN 0 + CHAIN 1 OFDMA MODE: 996T

HARMONICS AND SPURIOUS EMISSIONS

LOW CHANNEL



HORIZONTAL



VERTICAL

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)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	*** 4.62576	40.89	Pk	34.1	-30.8	0	0	44.19	54	-9.81	74	-29.81	-	-	0-360	100	H
4	*** 4.98412	39.72	Pk	34	-30.4	0	0	43.32	54	-10.68	74	-30.68	-	-	0-360	200	V
7	*** 7.59838	25.19	PK-U	35.7	-6	0	0	54.89	-	-	74	-19.11	-	-	245	304	H
	*** 7.59821	13.05	ADR	35.7	-6	0	4.52	47.27	54	-6.73	-	-	-	-	245	304	H
2	*** 8.07147	37.47	Pk	35.8	-27.6	.9	0	46.57	54	-7.43	74	-27.43	-	-	0-360	100	H
3	*** 9.42607	36.19	Pk	36.7	-26	.4	0	47.29	54	-6.71	74	-26.71	-	-	0-360	100	H
5	*** 8.1122	38.55	Pk	35.8	-27.8	.9	0	47.45	54	-6.55	74	-26.55	-	-	0-360	200	V
6	*** 9.33507	36.1	Pk	36.5	-25.6	.3	0	47.3	54	-6.7	74	-26.7	-	-	0-360	200	V

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

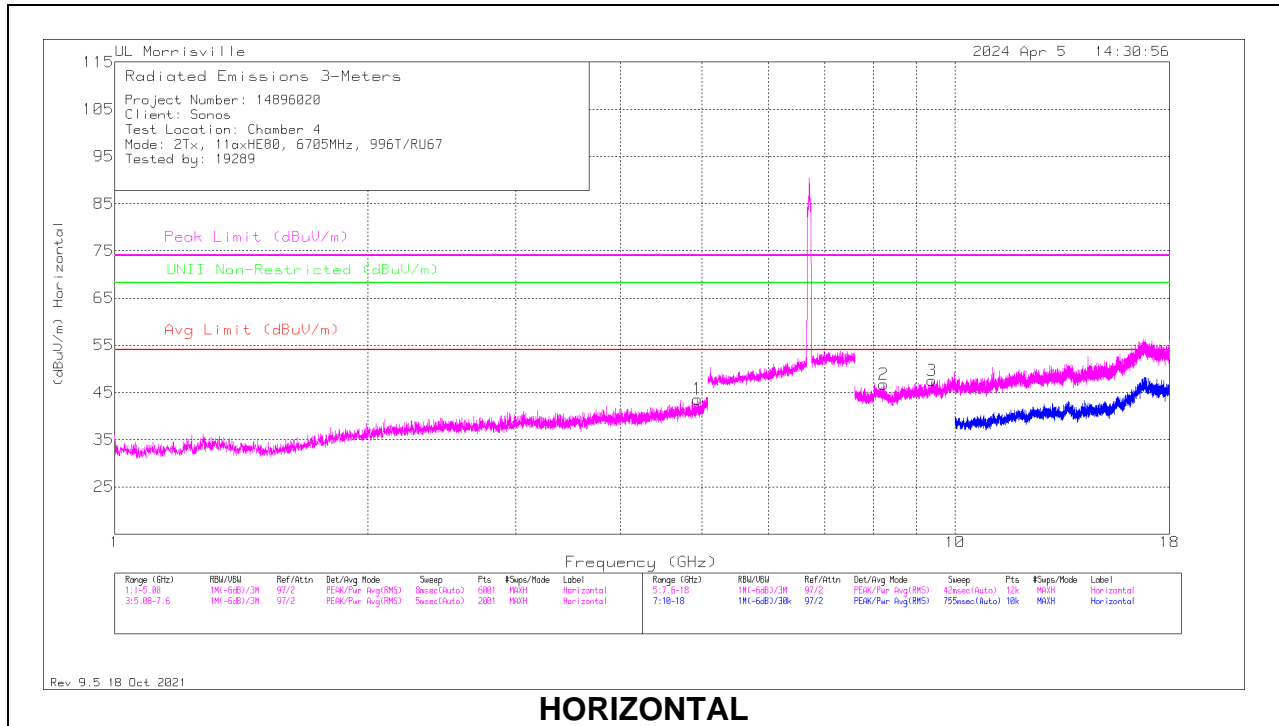
** - indicates frequency in Taiwan NCC LP0002 Restricted Band

Pk - Peak detector

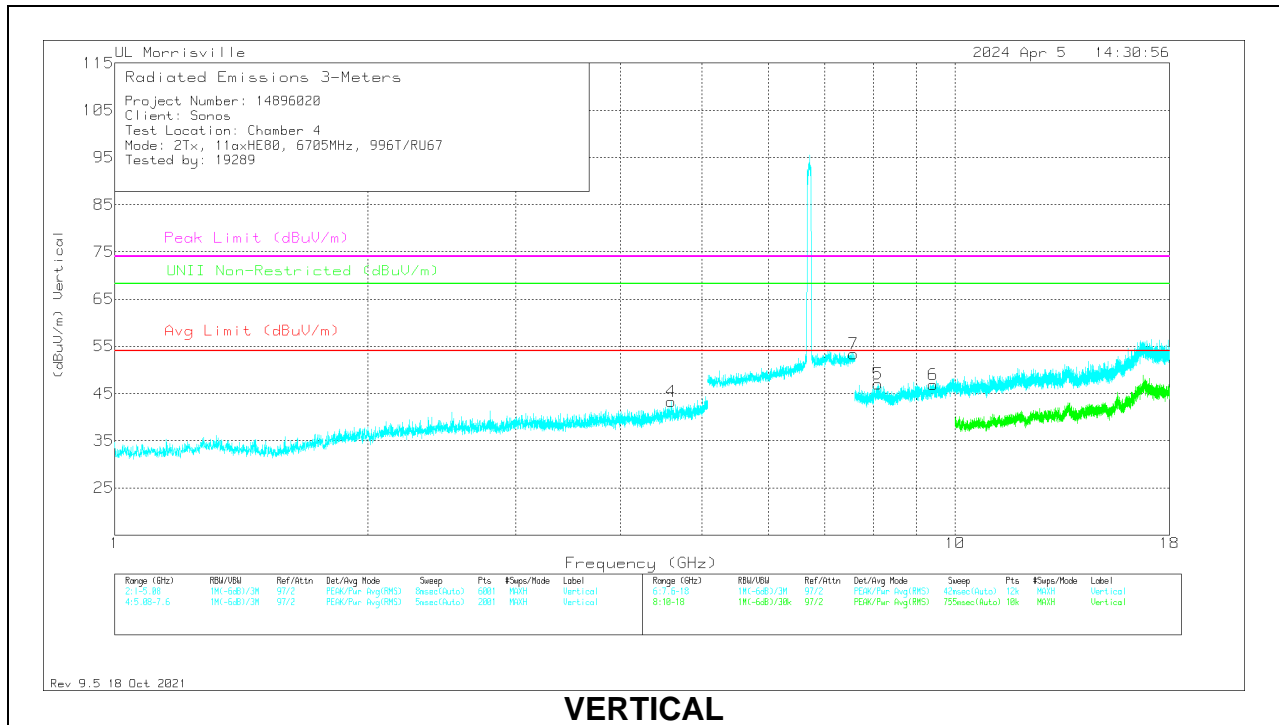
PK-U - Maximum Peak

ADR - RMS average

MID CHANNEL



HORIZONTAL



VERTICAL

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)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	*** 4.94128	40.11	Pk	33.9	-30.4	0	0	43.61	54	-10.39	74	-30.39	-	-	0-360	100	H
4	*** 4.59448	40.44	Pk	34.1	-31.3	0	0	43.24	54	-10.76	74	-30.76	-	-	0-360	200	V
7	*** 7.58011	25.3	PK-U	35.7	-6	0	0	55	-	-	74	-19	-	-	14	104	V
	*** 7.57997	13.22	ADR	35.7	-6	0	4.52	47.44	54	-6.56	-	-	-	-	14	104	V
2	*** 8.23093	37.58	Pk	35.8	-27.5	.8	0	46.68	54	-7.32	74	-27.32	-	-	0-360	300	H
3	*** 9.381	36.38	Pk	36.6	-25.7	.3	0	47.58	54	-6.42	74	-26.42	-	-	0-360	300	H
5	*** 8.09227	38.09	Pk	35.8	-27.8	.9	0	46.99	54	-7.01	74	-27.01	-	-	0-360	200	V
6	*** 9.42433	35.89	Pk	36.6	-26	.4	0	46.89	54	-7.11	74	-27.11	-	-	0-360	200	V

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

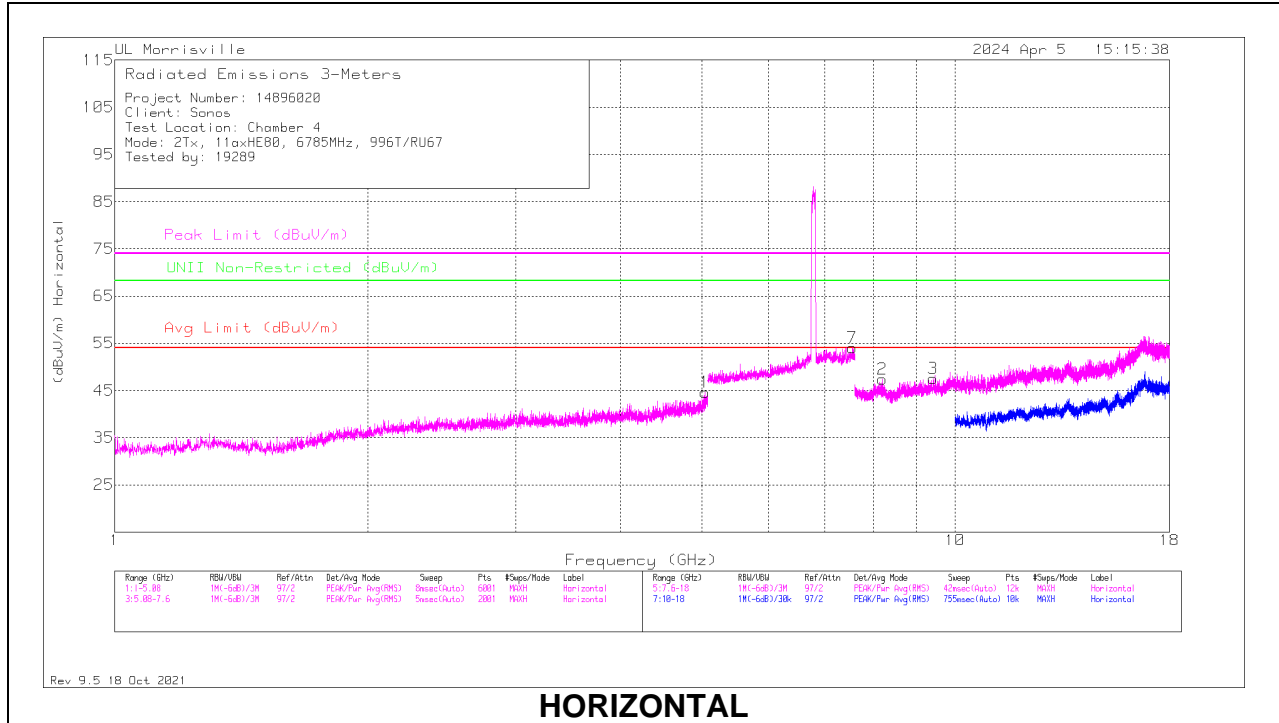
** - indicates frequency in Taiwan NCC LP0002 Restricted Band

Pk - Peak detector

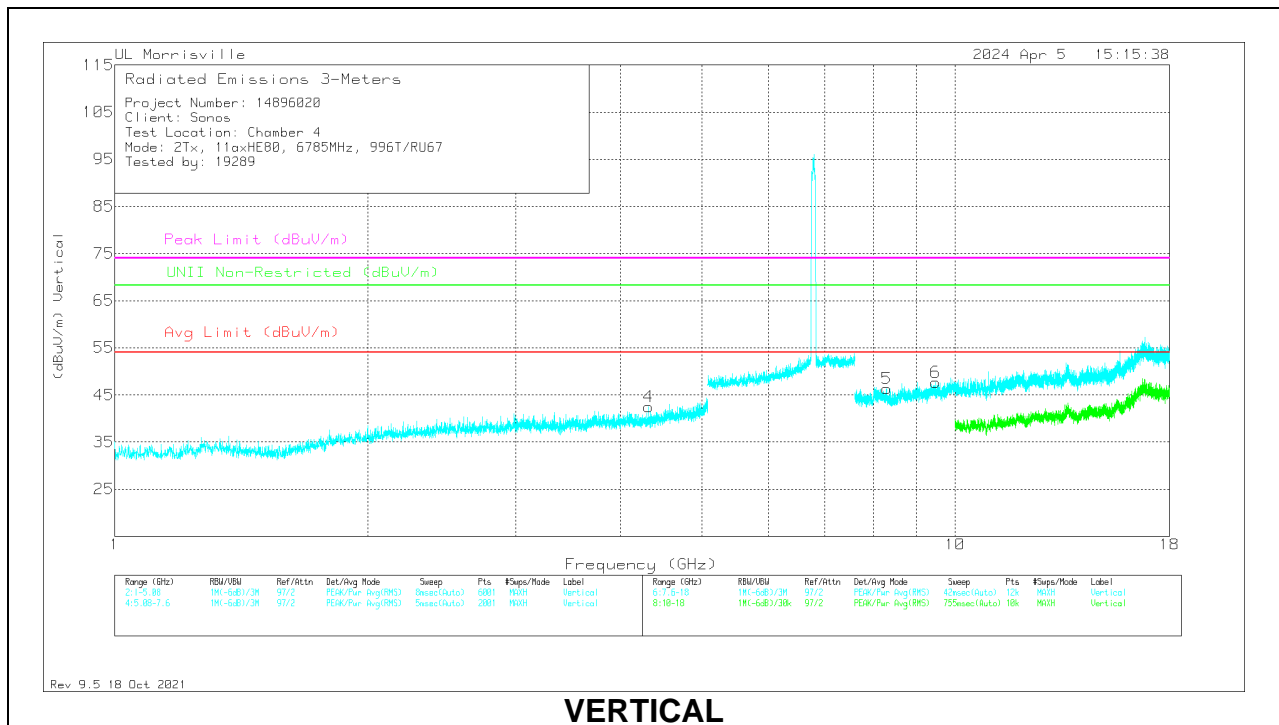
PK-U - Maximum Peak

ADR - RMS average

HIGH CHANNEL



HORIZONTAL



VERTICAL

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)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	*** 5.03716	40.32	Pk	34.1	-29.8	0	0	44.62	54	-9.38	74	-29.38	-	-	0-360	100	H
4	*** 4.31704	40.92	Pk	33.4	-31.8	0	0	42.52	54	-11.48	74	-31.48	-	-	0-360	200	V
7	*** 7.54807	25.61	PK-U	35.7	-6.1	0	0	55.21	-	-	74	-18.79	-	-	320	329	H
	*** 7.54832	13.13	ADR	35.7	-6.1	0	4.52	47.25	54	-6.75	-	-	-	-	320	329	H
2	*** 8.1954	38.33	Pk	35.8	-27.5	.8	0	47.43	54	-6.57	74	-26.57	-	-	0-360	100	H
3	*** 9.41393	36.52	Pk	36.6	-26	.4	0	47.52	54	-6.48	74	-26.48	-	-	0-360	100	H
5	*** 8.30027	36.95	Pk	35.8	-27	.6	0	46.35	54	-7.65	74	-27.65	-	-	0-360	200	V
6	*** 9.47893	36.75	Pk	36.7	-26.1	.3	0	47.65	54	-6.35	74	-26.35	-	-	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

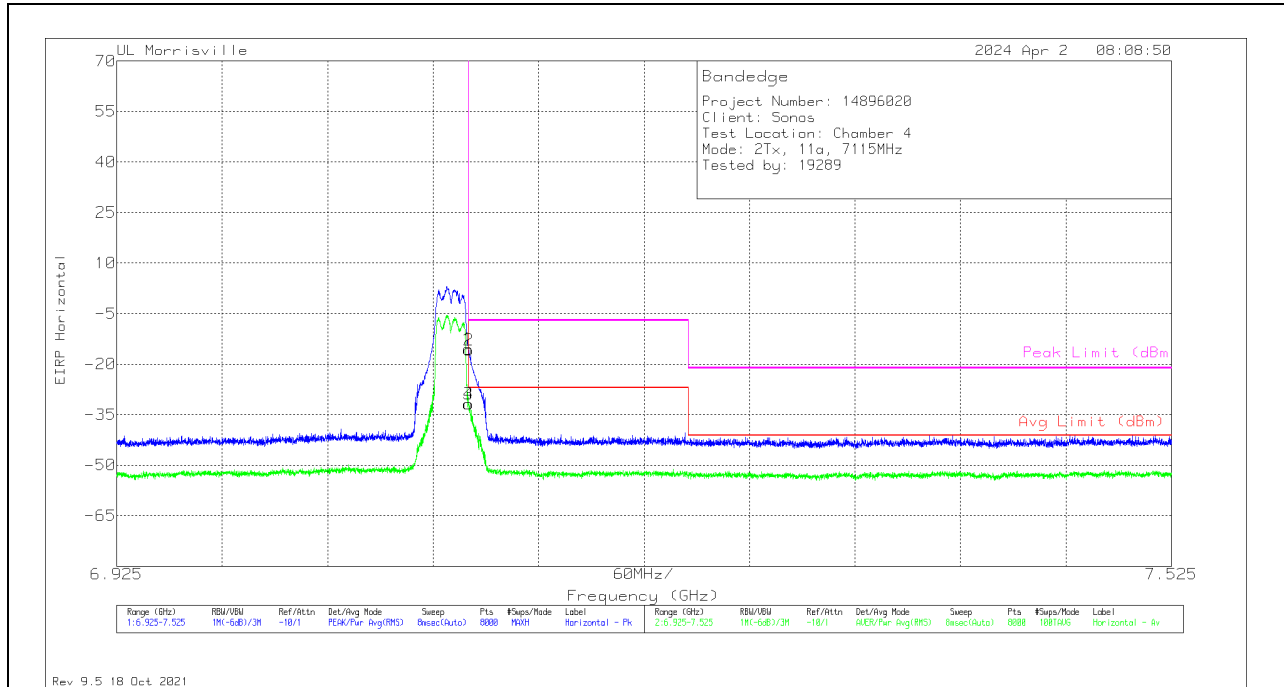
PK-U - Maximum Peak

ADR - RMS average

10.1.9. TX ABOVE 1 GHz 802.11a MODE IN THE UNII-8 BAND

BANDEDGE (HIGH CHANNEL)

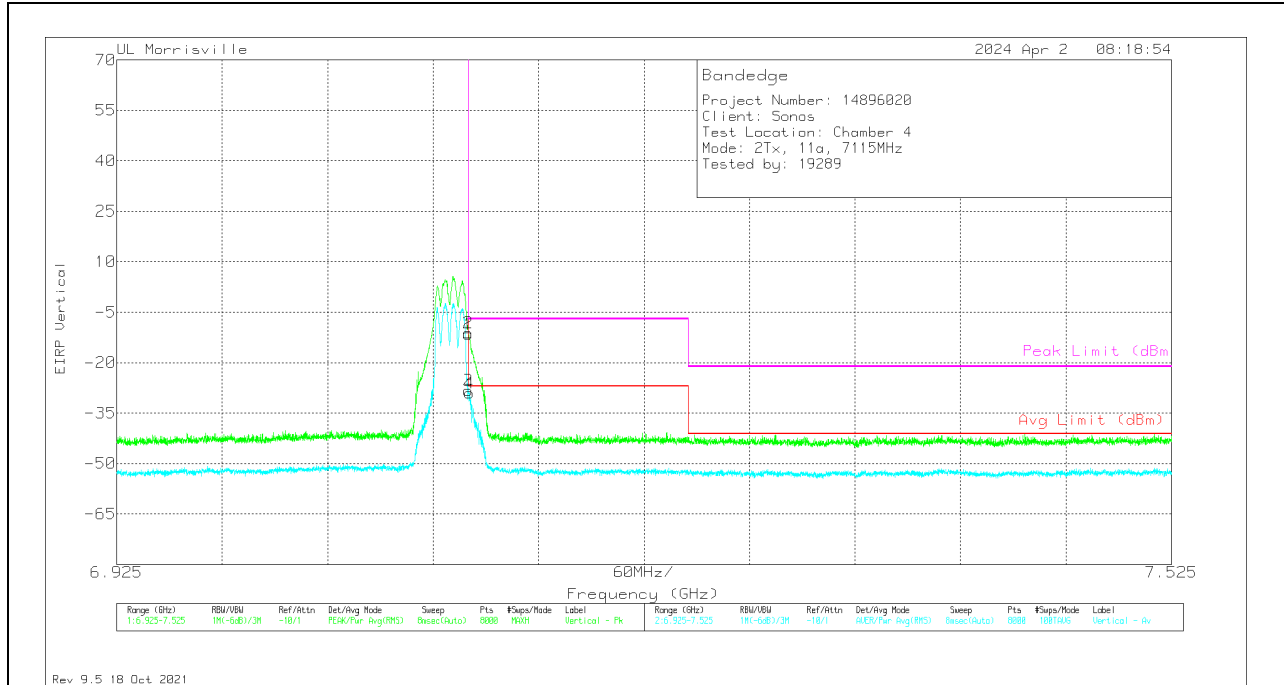
HORIZONTAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBm)	Det	89509 ACF (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
1	7.12505	-55.82	Pk	35.6	-7.1	11.8	0	-15.52	-	-	-7	-8.52	89	305	H
3	7.12505	-73.04	RMS	35.6	-7.1	11.8	.94	-31.8	-27	-4.8	-	-	89	305	H
2	7.1252	-56.11	Pk	35.6	-7.1	11.8	0	-15.81	-	-	-7	-8.81	89	305	H
4	7.12542	-73.1	RMS	35.6	-7	11.8	.94	-31.76	-27	-4.76	-	-	89	305	H

Pk - Peak detector
 RMS - RMS detection

VERTICAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBm)	Det	89509 ACF (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
1	7.12505	-51.76	Pk	35.6	-7.1	11.8	0	-11.46	-	-	-7	-4.46	208	280	V
3	7.12505	-69.49	RMS	35.6	-7.1	11.8	.94	-28.25	-27	-1.25	-	-	208	280	V
2	7.12512	-51.38	Pk	35.6	-7.1	11.8	0	-11.08	-	-	-7	-4.08	208	280	V
4	7.12572	-70.34	RMS	35.6	-7	11.8	.94	-29	-27	-2	-	-	208	280	V

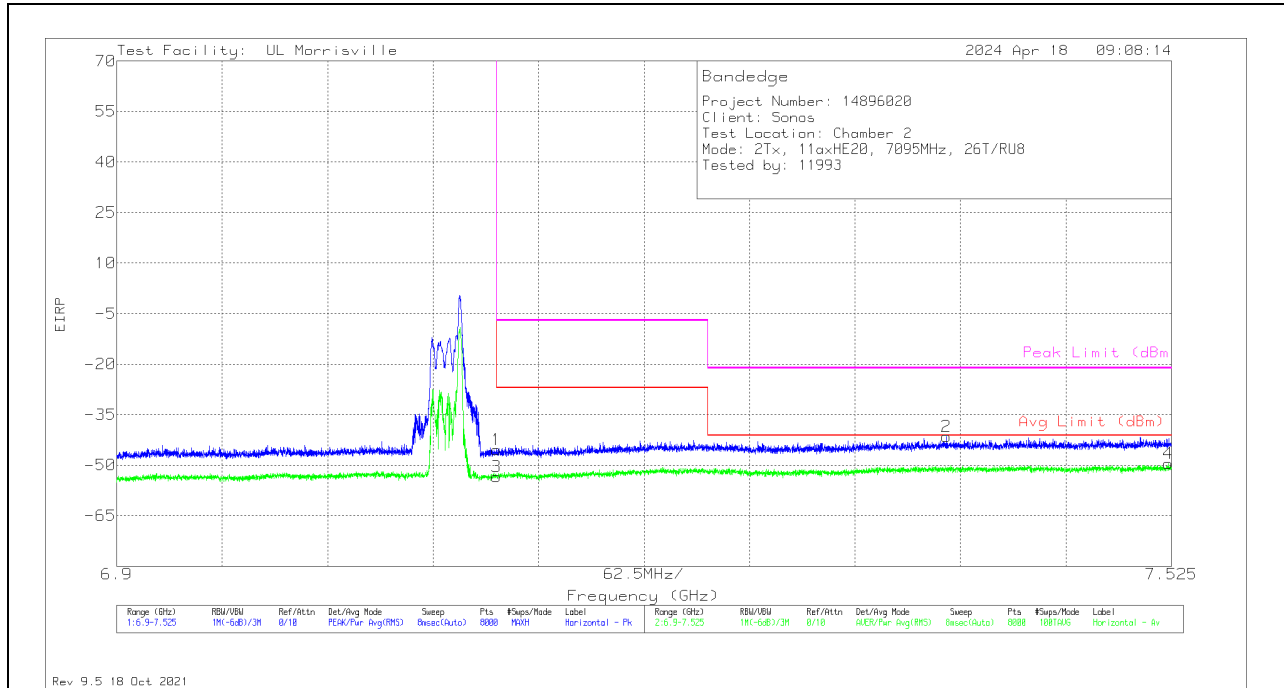
Pk - Peak detector
 RMS - RMS detection

10.1.10. TX ABOVE 1 GHz 802.11ax HE20 MODE IN THE UNII-8 BAND

2TX CHAIN 0 + CHAIN 1 OFDMA MODE: 26T

BANDEDGE (HIGH CHANNEL)

HORIZONTAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBm)	Det	86408 (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	* ** 7.39178	-71.88	PK	35.6	-17.1	11.8	0	-41.58	-	-	-21.2	-20.38	294	307	H
4	* ** 7.5232	-83.58	RMS	35.7	-16.6	11.8	3.11	-49.57	-41.2	-8.37	-	-	294	307	H
1	7.12503	-73.81	PK	35.6	-19	11.8	0	-45.41	-	-	-7	-38.41	294	307	H
3	7.12503	-85	RMS	35.6	-19	11.8	3.11	-53.49	-27	-26.49	-	-	294	307	H

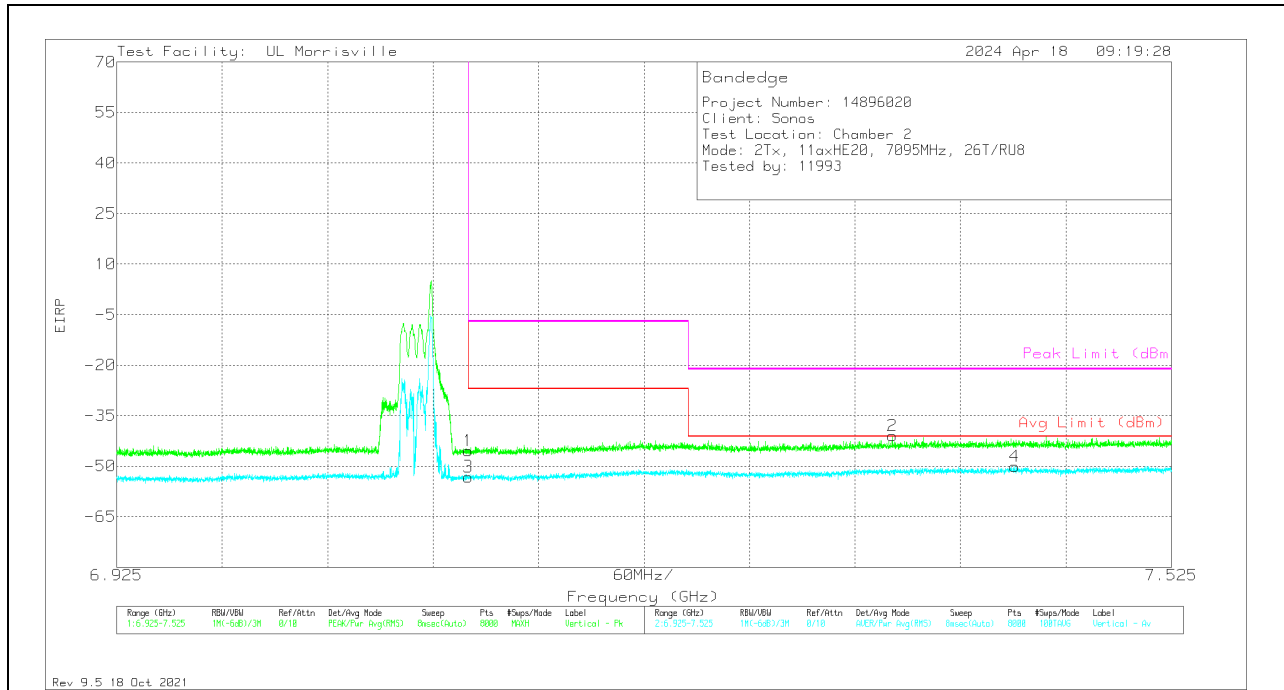
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

** - indicates frequency in Taiwan NCC LP0002 Restricted Band

Pk - Peak detector

RMS - RMS detection

VERTICAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBm)	Det	86408 (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	* ** 7.3662	-71.03	Pk	35.6	-17.3	11.8	0	-40.93	-	-	-21.2	-19.73	217	274	V
4	* ** 7.43581	-83.86	RMS	35.6	-16.7	11.8	3.11	-50.05	-41.2	-8.85	-	-	217	274	V
1	7.12505	-73.74	Pk	35.6	-19	11.8	0	-45.34	-	-	-7	-38.34	217	274	V
3	7.12505	-84.66	RMS	35.6	-19	11.8	3.11	-53.15	-27	-26.15	-	-	217	274	V

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

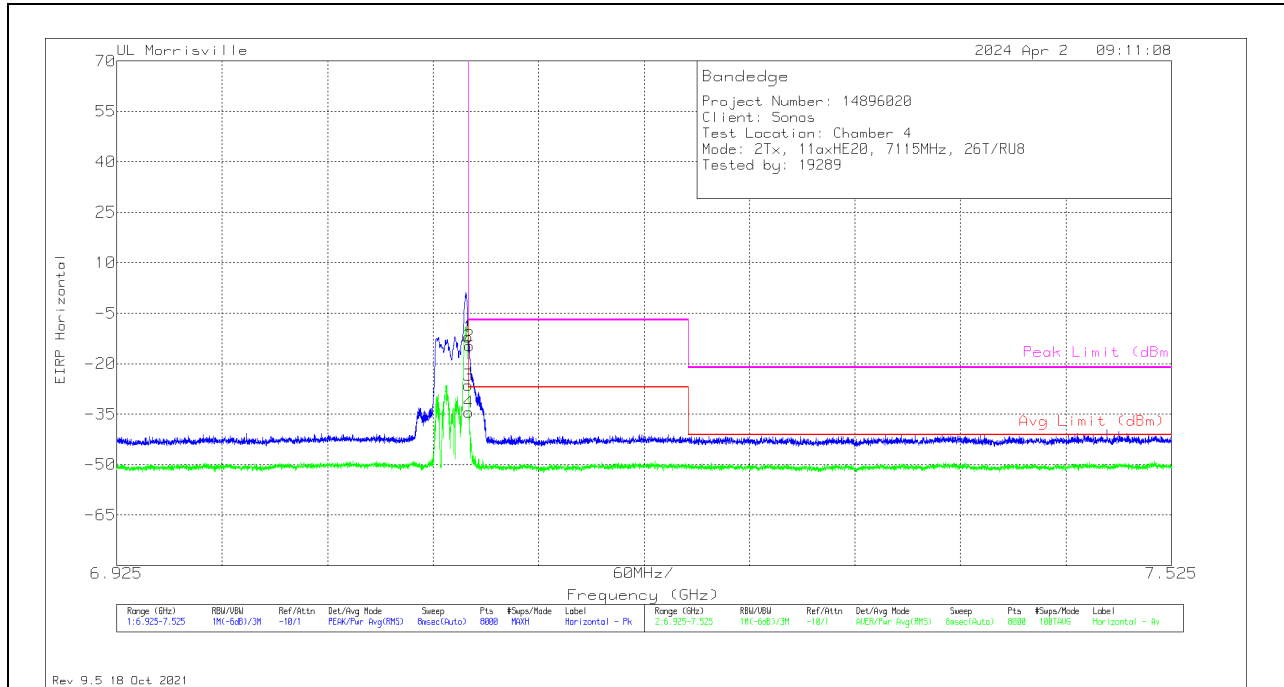
** - indicates frequency in Taiwan NCC LP0002 Restricted Band

Pk - Peak detector

RMS - RMS detection

BANDEDGE (HIGH CHANNEL)

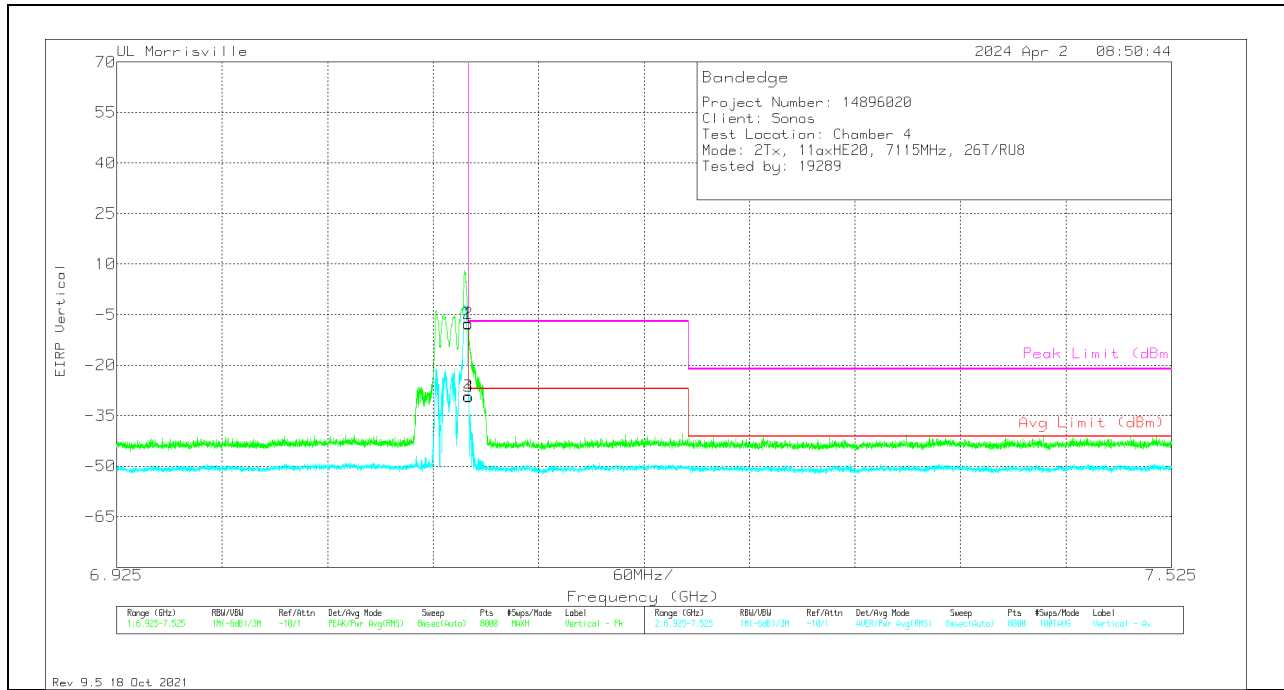
HORIZONTAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBm)	Det	89509 ACF (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
1	7.12505	-52.43	PK	35.6	-7.1	11.8	0	-12.13	-	-	-7	-5.13	86	277	H
3	7.12505	-79.48	RMS	35.6	-7.1	11.8	3.11	-36.07	-27	-9.07	-	-	86	277	H
4	7.12535	-79.48	RMS	35.6	-7	11.8	3.11	-35.97	-27	-8.97	-	-	86	277	H
2	7.12565	-55.08	PK	35.6	-7	11.8	0	-14.68	-	-	-7	-7.68	86	277	H

Pk - Peak detector
 RMS - RMS detection

VERTICAL RESULT



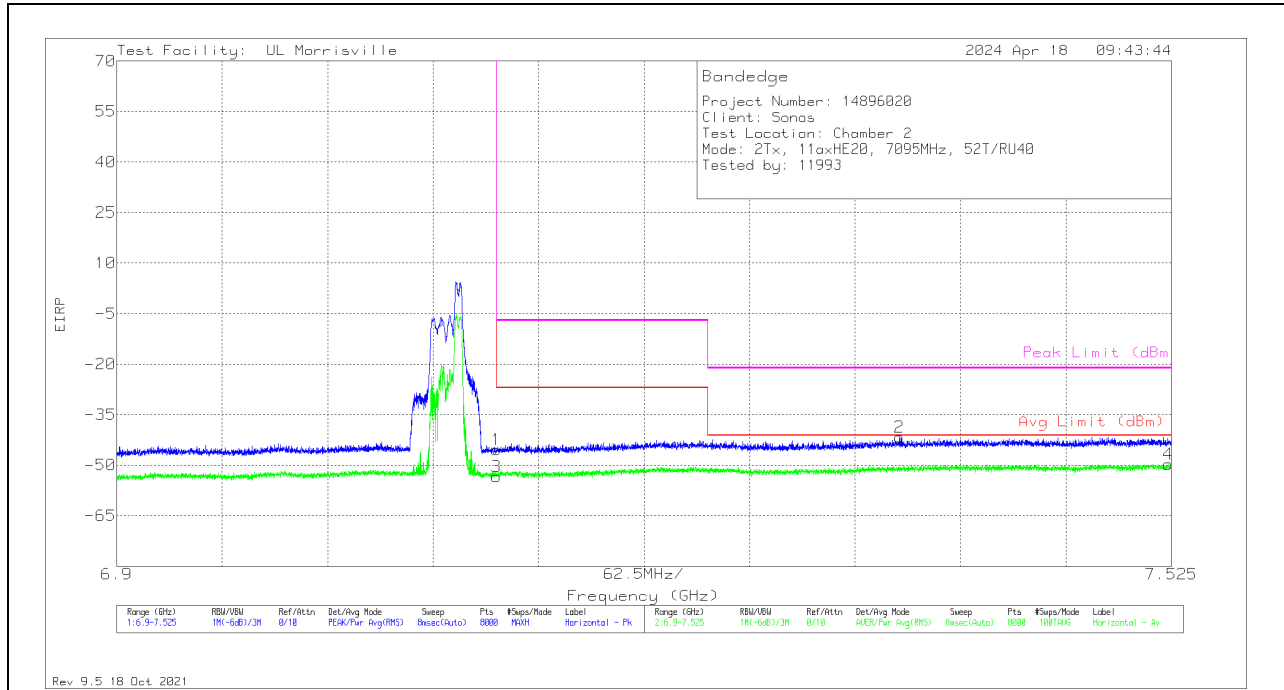
Marker	Frequency (GHz)	Meter Reading (dBm)	Det	89509 ACF (dB/m)	Gain/Loss (dB)	Conversion Factor (dB)	DC Corr (dB)	Corrected Reading EIRP	Avg Limit (dBm)	RMS Margin (dB)	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	7.12505	-48.06	Pk	35.6	-7.1	11.8	0	-7.76	-	-	-7	-.76	190	100	V
3	7.12505	-72.63	RMS	35.6	-7.1	11.8	3.11	-29.22	-27	-2.22	-	-	190	100	V
2	7.12512	-47.97	Pk	35.6	-7.1	11.8	0	-7.67	-	-	-7	-.67	190	100	V
4	7.12527	-72.86	RMS	35.6	-7.1	11.8	3.11	-29.45	-27	-2.45	-	-	190	100	V

Pk - Peak detector
 RMS - RMS detection

2TX CHAIN 0 + CHAIN 1 OFDMA MODE: 52T

BANDEDGE (HIGH CHANNEL)

HORIZONTAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBm)	Det	86408 (dB/m)	Gain/Loss (dB)	Conversion Factor (dB)	DC Corr (dB)	Corrected EIRP	Avg Limit (dBm)	RMS Margin (dB)	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
2	* ** 7.36397	-71.88	Pk	35.6	-17.2	11.8	0	-41.68	-	-	-21.2	-20.48	97	293	H
4	* ** 7.52305	-84	RMS	35.7	-16.6	11.8	3.46	-49.64	-41.2	-8.44	-	-	97	293	H
1	7.12503	-73.82	Pk	35.6	-19	11.8	0	-45.42	-	-	-7	-38.42	97	293	H
3	7.12503	-85.23	RMS	35.6	-19	11.8	3.46	-53.37	-27	-26.37	-	-	97	293	H

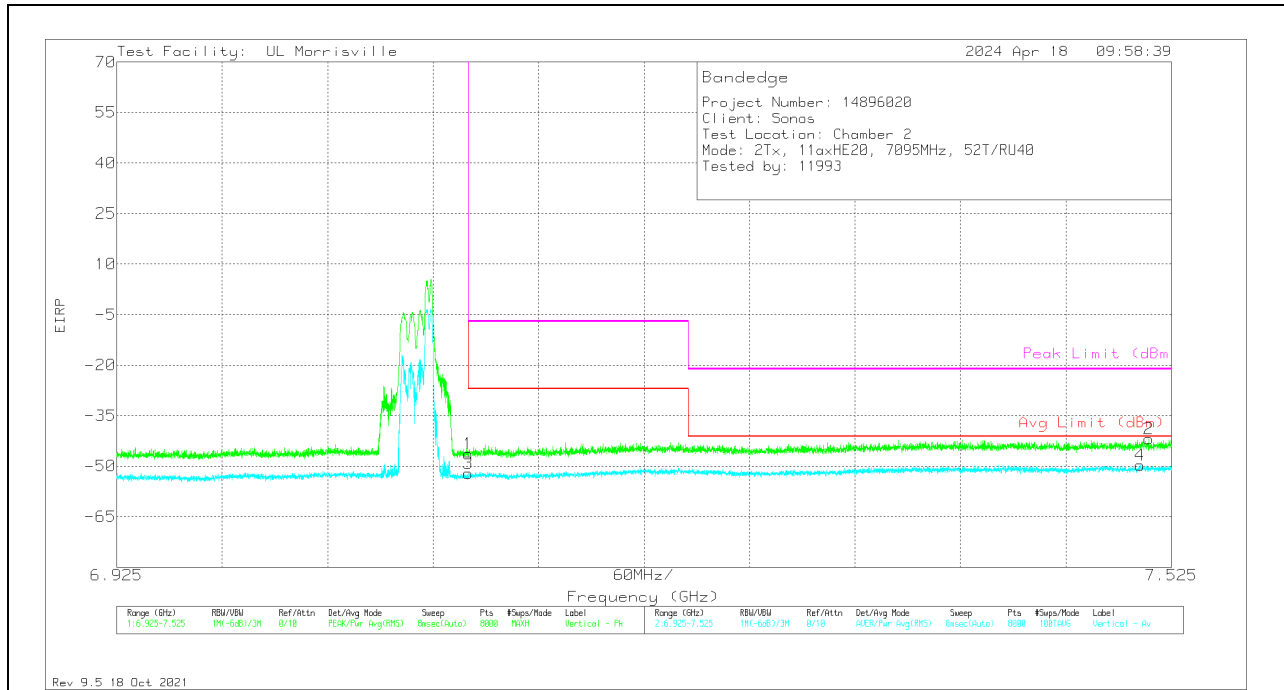
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

** - indicates frequency in Taiwan NCC LP0002 Restricted Band

Pk - Peak detector

RMS - RMS detection

VERTICAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBm)	Det	86408 (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	* ** 7.51217	-72.84	Pk	35.7	-16.5	11.8	0	-41.84	-	-	-21.2	-20.64	183	244	V
4	* ** 7.50729	-84.21	RMS	35.7	-16.5	11.8	3.46	-49.75	-41.2	-8.55	-	-	183	243	V
1	7.12505	-74.78	Pk	35.6	-19	11.8	0	-46.38	-	-	-7	-39.38	183	244	V
3	7.12505	-84.06	RMS	35.6	-19	11.8	3.46	-52.2	-27	-25.2	-	-	183	243	V

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

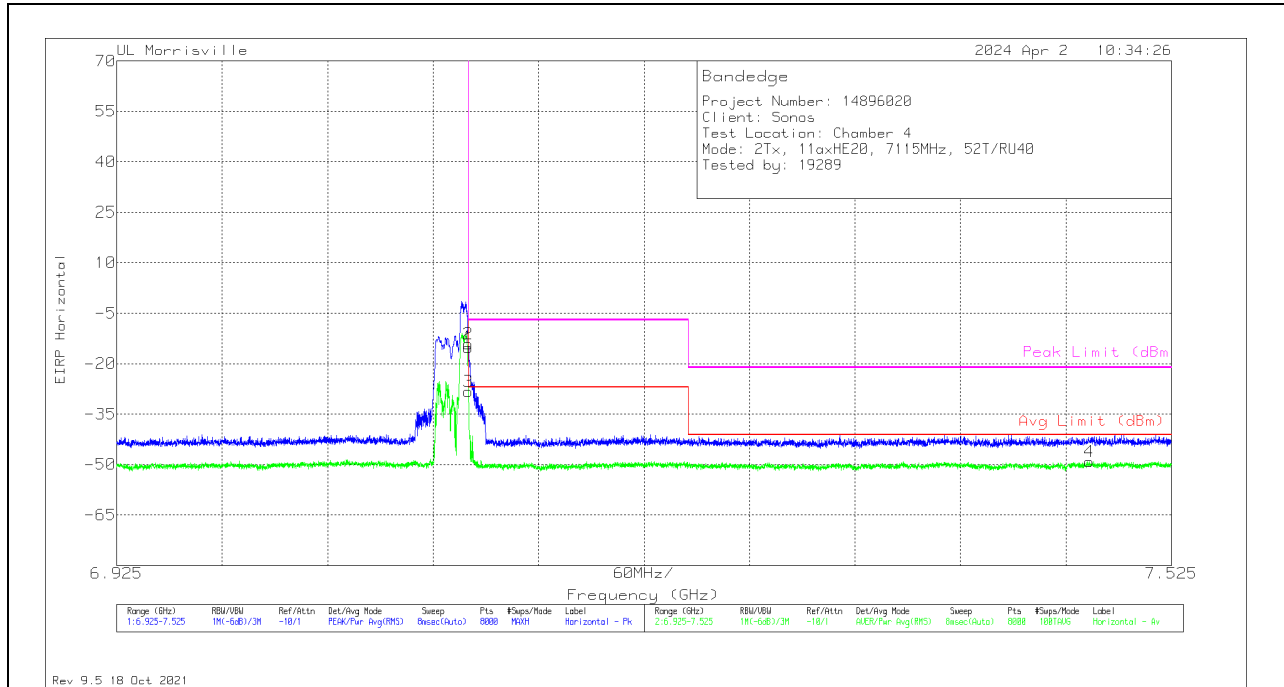
** - indicates frequency in Taiwan NCC LP0002 Restricted Band

Pk - Peak detector

RMS - RMS detection

BANDEDGE (HIGH CHANNEL)

HORIZONTAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBm)	Det	89509 ACF (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	* ** 7.47812	-93.94	RMS	35.6	-6	11.8	3.46	-49.08	-41.2	-7.88	-	-	141	181	H
1	7.12505	-55.45	Pk	35.6	-7.1	11.8	0	-15.15	-	-	-7	-8.15	141	181	H
3	7.12505	-71.97	RMS	35.6	-7.1	11.8	3.46	-28.21	-27	-1.21	-	-	141	181	H
2	7.12512	-54.44	Pk	35.6	-7.1	11.8	0	-14.14	-	-	-7	-7.14	141	181	H

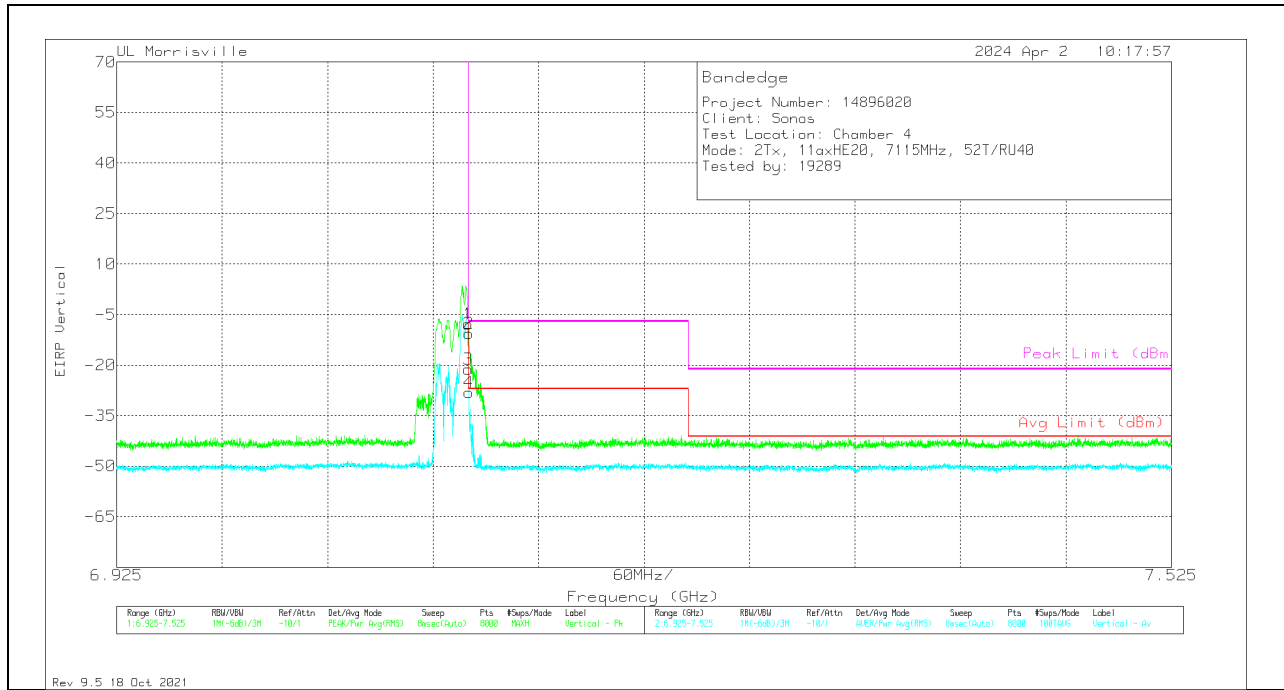
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

** - indicates frequency in Taiwan NCC LP0002 Restricted Band

Pk - Peak detector

RMS - RMS detection

VERTICAL RESULT



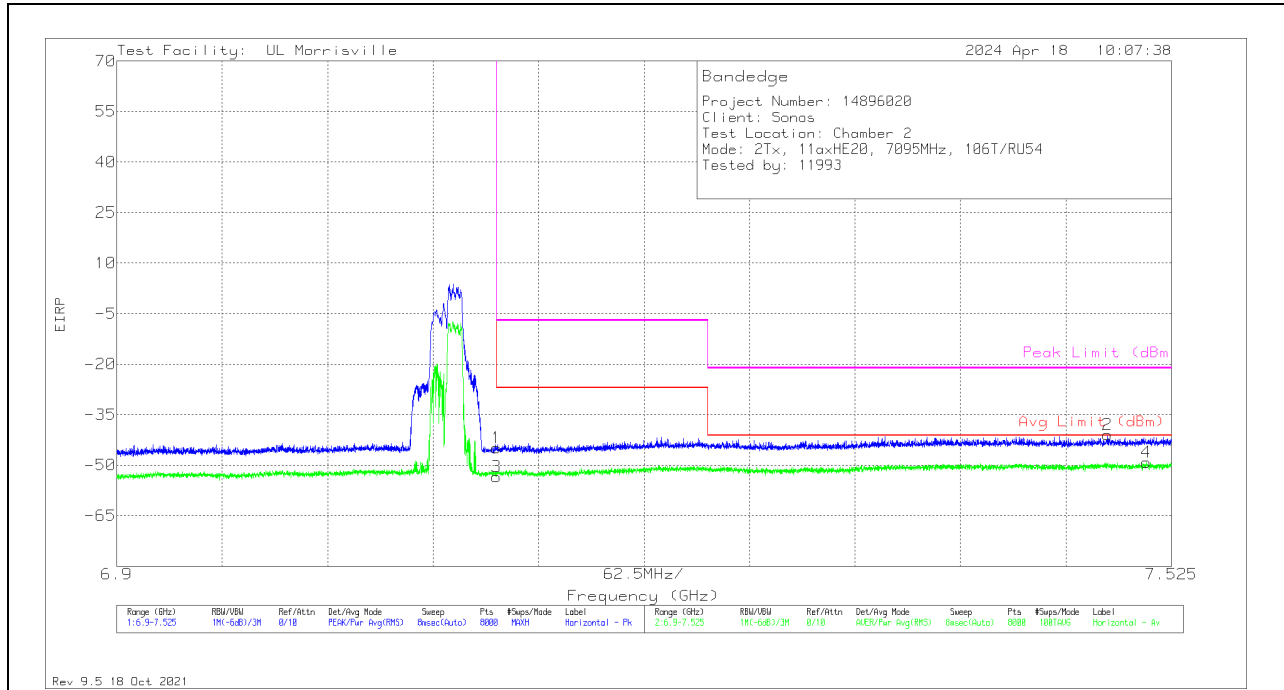
Marker	Frequency (GHz)	Meter Reading (dBm)	Det	89509 ACF (dB/m)	Gain/Loss (dB)	Conversion Factor (dB)	DC Corr (dB)	Corrected Reading EIRP	Avg Limit (dBm)	RMS Margin (dB)	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	7.12505	-48.05	Pk	35.6	-7.1	11.8	0	-7.75	-	-	-7	-.75	212	256	V
3	7.12505	-77.42	RMS	35.6	-7.1	11.8	3.46	-33.66	-27	-6.66	-	-	212	256	V
2	7.12535	-50.98	Pk	35.6	-7	11.8	0	-10.58	-	-	-7	-3.58	212	256	V
4	7.12535	-77.42	RMS	35.6	-7	11.8	3.46	-33.56	-27	-6.56	-	-	212	256	V

Pk - Peak detector
 RMS - RMS detection

2TX CHAIN 0 + CHAIN 1 OFDMA MODE: 106T

BANDEDGE (HIGH CHANNEL)

HORIZONTAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBm)	Det	86408 (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	* ** 7.48726	-71.99	Pk	35.7	-16.5	11.8	0	-40.99	-	-	-21.2	-19.79	80	231	H
4	* ** 7.51023	-83.93	RMS	35.7	-16.4	11.8	3.77	-49.06	-41.2	-7.86	-	-	80	231	H
1	7.12503	-73.32	Pk	35.6	-19	11.8	0	-44.92	-	-	-7	-37.92	80	231	H
3	7.12503	-85.64	RMS	35.6	-19	11.8	3.77	-53.47	-27	-26.47	-	-	80	231	H

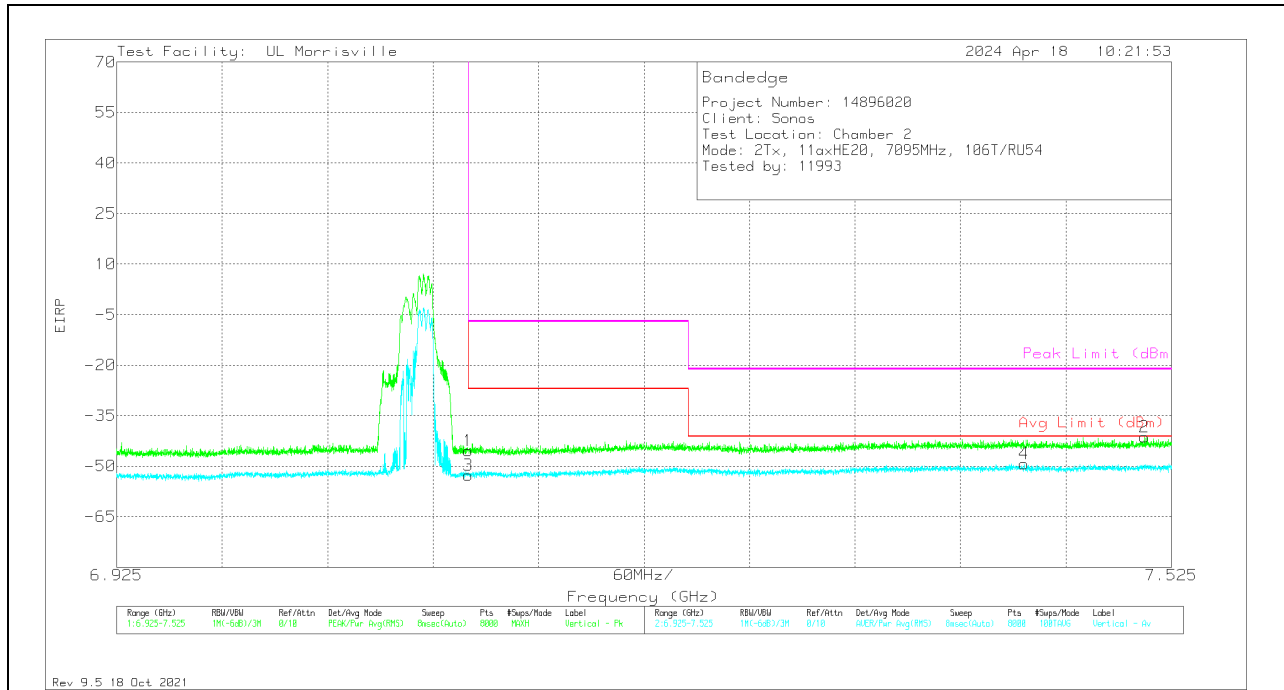
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

** - indicates frequency in Taiwan NCC LP0002 Restricted Band

Pk - Peak detector

RMS - RMS detection

VERTICAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBm)	Det	86408 (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	* ** 7.50955	-72.39	Pk	35.7	-16.4	11.8	0	-41.29	-	-	-21.2	-20.09	224	148	V
4	* ** 7.44129	-83.61	RMS	35.6	-16.8	11.8	3.77	-49.24	-41.2	-8.04	-	-	224	148	V
1	7.12505	-73.9	Pk	35.6	-19	11.8	0	-45.5	-	-	-7	-38.5	224	148	V
3	7.12505	-84.8	RMS	35.6	-19	11.8	3.77	-52.63	-27	-25.63	-	-	224	148	V

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

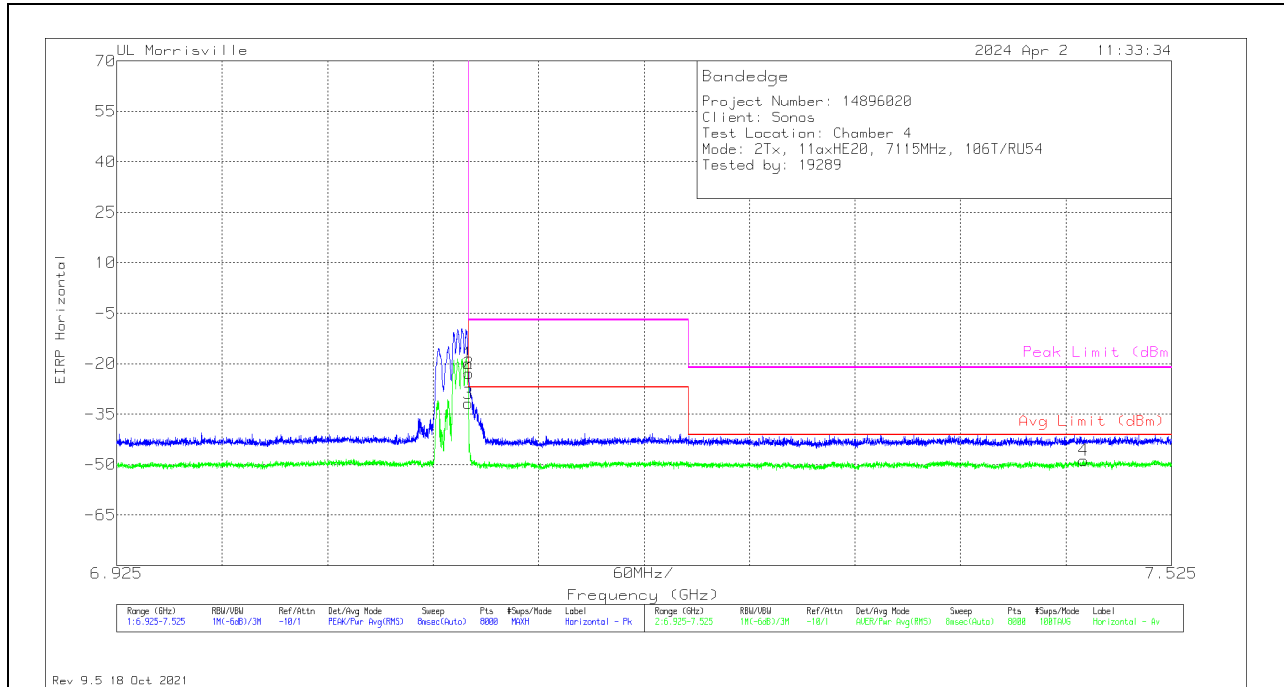
** - indicates frequency in Taiwan NCC LP0002 Restricted Band

Pk - Peak detector

RMS - RMS detection

BANDEDGE (HIGH CHANNEL)

HORIZONTAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBm)	Det	89509 ACF (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	* ** 7.47497	-93.65	RMS	35.7	-6.3	11.8	3.77	-48.68	-41.2	-7.48	-	-	347	141	H
1	7.12505	-60.26	PK	35.6	-7.1	11.8	0	-19.96	-	-	-7	-12.96	347	141	H
3	7.12505	-75.83	RMS	35.6	-7.1	11.8	3.77	-31.76	-27	-4.76	-	-	347	141	H
2	7.12535	-63.32	PK	35.6	-7	11.8	0	-22.92	-	-	-7	-15.92	347	141	H

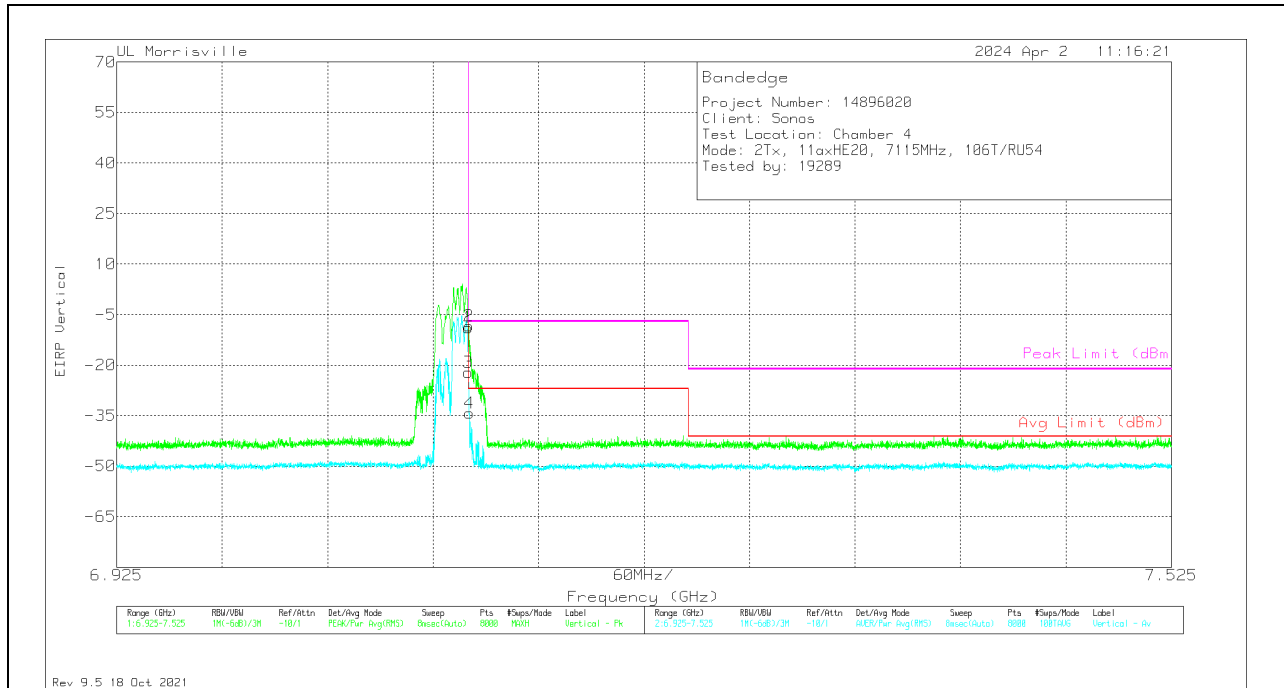
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

** - indicates frequency in Taiwan NCC LP0002 Restricted Band

Pk - Peak detector

RMS - RMS detection

VERTICAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBm)	Det	89509 ACF (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
1	7.12505	-49.12	Pk	35.6	-7.1	11.8	0	-8.82	-	-	-7	-1.82	191	133	V
3	7.12505	-78.12	RMS	35.6	-7.1	11.8	3.77	-34.05	-27	-7.05	-	-	191	133	V
2	7.1252	-48.73	Pk	35.6	-7.1	11.8	0	-8.43	-	-	-7	-1.43	191	133	V
4	7.1258	-78.12	RMS	35.6	-7	11.8	3.77	-33.95	-27	-6.95	-	-	191	133	V

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

** - indicates frequency in Taiwan NCC LP0002 Restricted Band

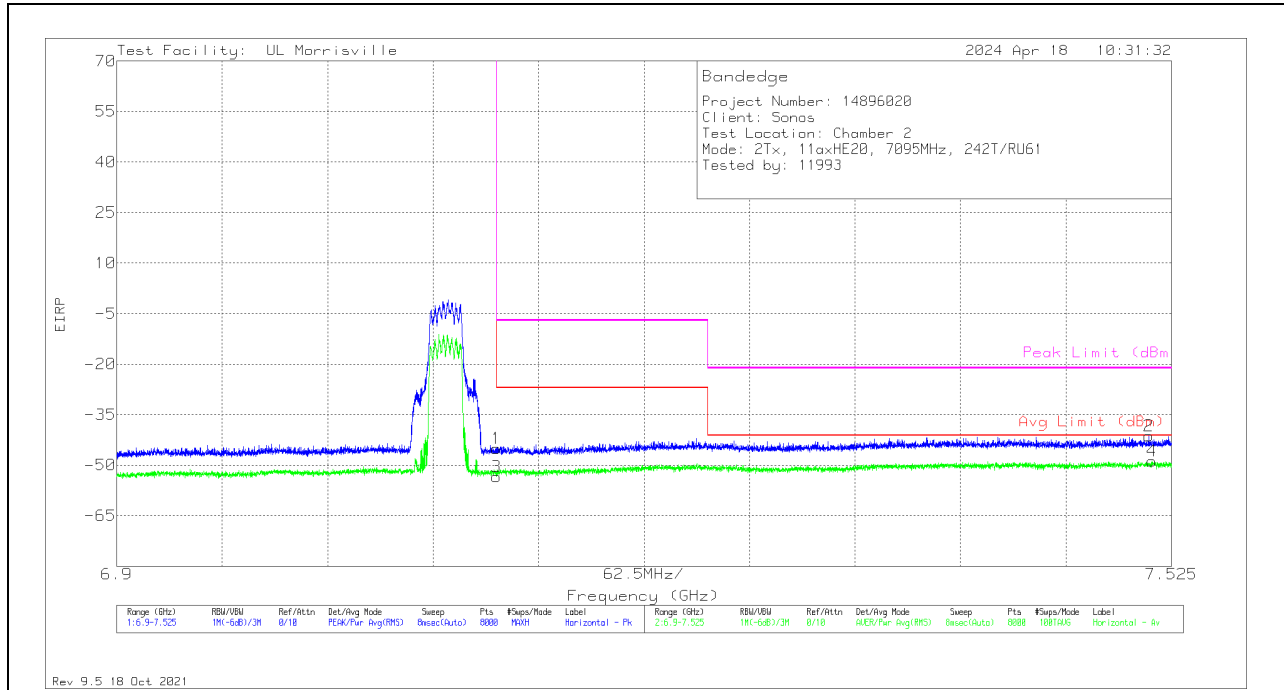
Pk - Peak detector

RMS - RMS detection

2TX CHAIN 0 + CHAIN 1 OFDMA MODE: 242T

BANDEDGE (HIGH CHANNEL)

HORIZONTAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBm)	Det	86408 (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	* ** 7.51156	-72.27	Pk	35.7	-16.5	11.8	0	-41.27	-	-	-21.2	-20.07	241	142	H
4	* ** 7.51336	-83.96	RMS	35.7	-16.5	11.8	4.15	-48.81	-41.2	-7.61	-	-	241	142	H
1	7.12503	-73.51	Pk	35.6	-19	11.8	0	-45.11	-	-	-7	-38.11	241	142	H
3	7.12503	-86	RMS	35.6	-19	11.8	4.15	-53.45	-27	-26.45	-	-	241	142	H

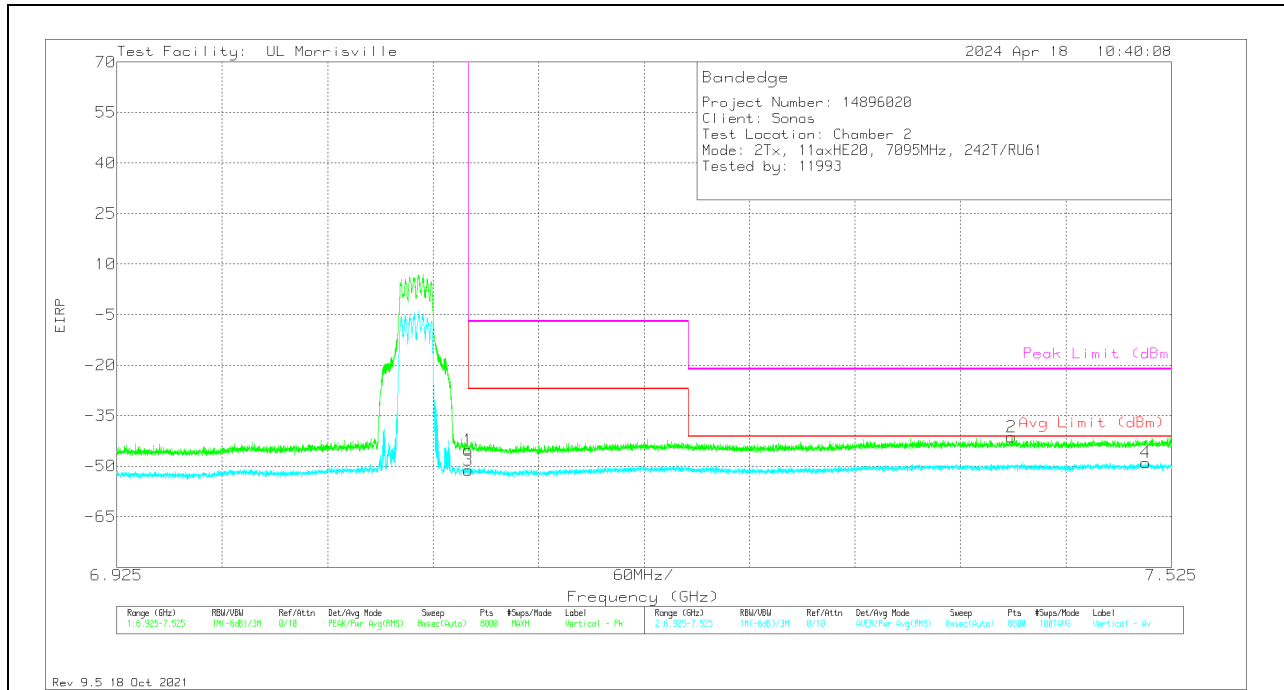
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

** - indicates frequency in Taiwan NCC LP0002 Restricted Band

Pk - Peak detector

RMS - RMS detection

VERTICAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBm)	Det	86408 (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	* ** 7.43424	-72.08	Pk	35.6	-16.7	11.8	0	-41.38	-	-	-21.2	-20.18	239	105	V
4	* ** 7.51045	-84.18	RMS	35.7	-16.4	11.8	4.15	-48.93	-41.2	-7.73	-	-	239	105	V
1	7.12505	-73.57	Pk	35.6	-19	11.8	0	-45.17	-	-	-7	-38.17	239	105	V
3	7.12505	-83.71	RMS	35.6	-19	11.8	4.15	-51.16	-27	-24.16	-	-	239	105	V

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

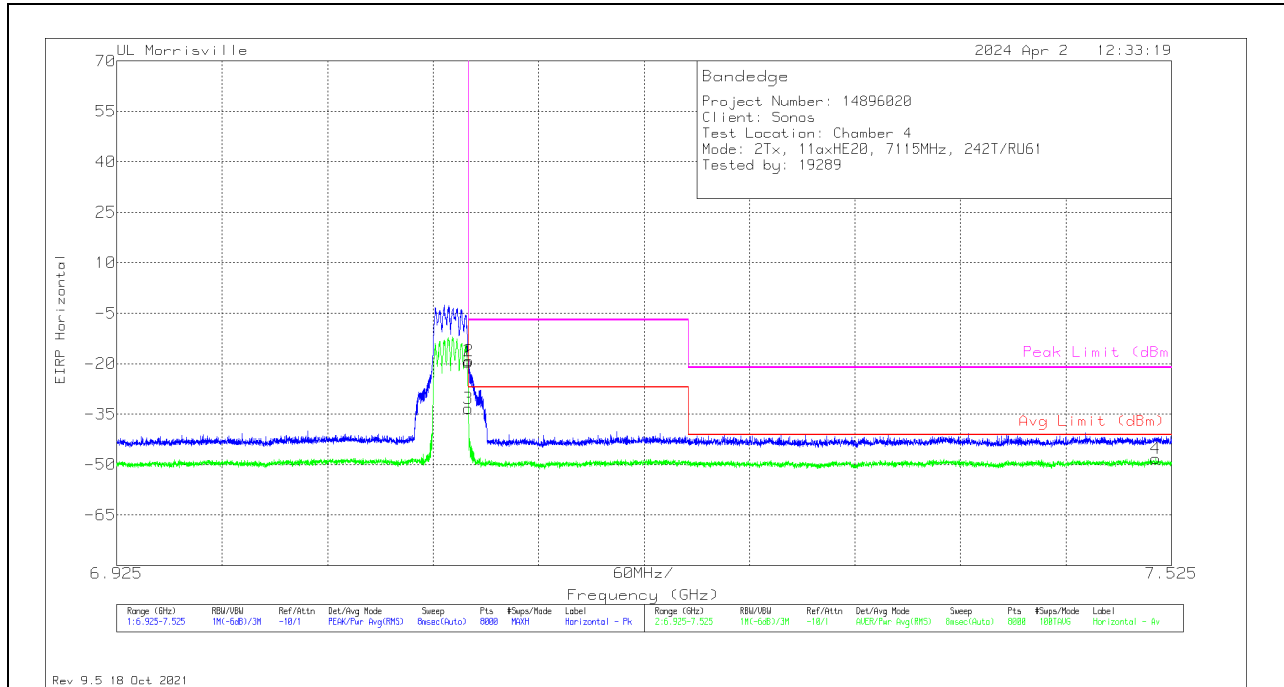
** - indicates frequency in Taiwan NCC LP0002 Restricted Band

Pk - Peak detector

RMS - RMS detection

BANDEDGE (HIGH CHANNEL)

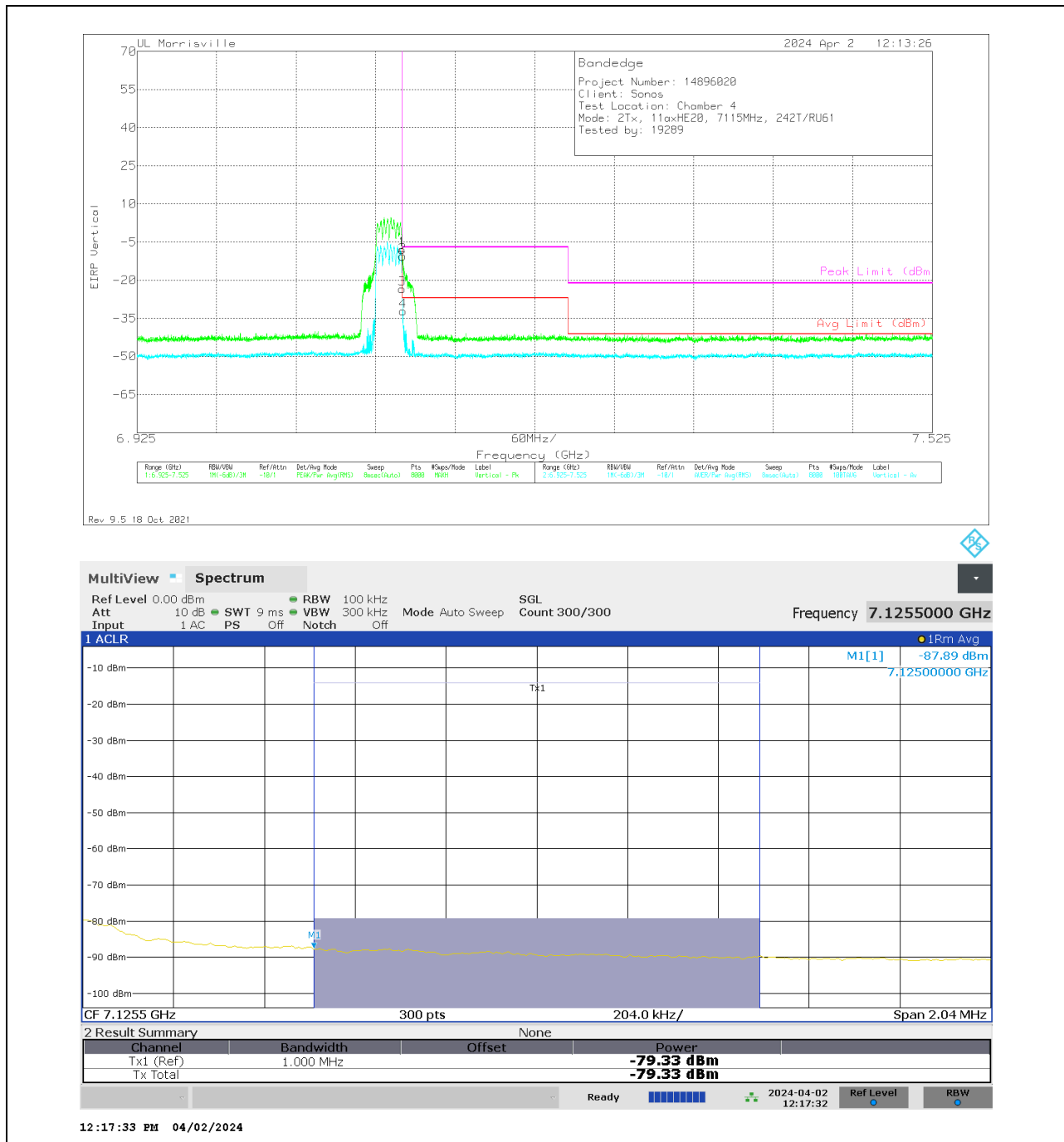
HORIZONTAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBm)	Det	89509 ACF (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	*** 7.516	-94.02	RMS	35.6	-5.8	11.8	4.15	-48.27	-41.2	-7.07	-	-	143	316	H
1	7.12505	-59.84	Pk	35.6	-7.1	11.8	0	-19.54	-	-	-7	-12.54	143	316	H
3	7.12505	-77.68	RMS	35.6	-7.1	11.8	4.15	-33.23	-27	-6.23	-	-	143	316	H
2	7.1252	-59.49	Pk	35.6	-7.1	11.8	0	-19.19	-	-	-7	-12.19	143	316	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 RESULT



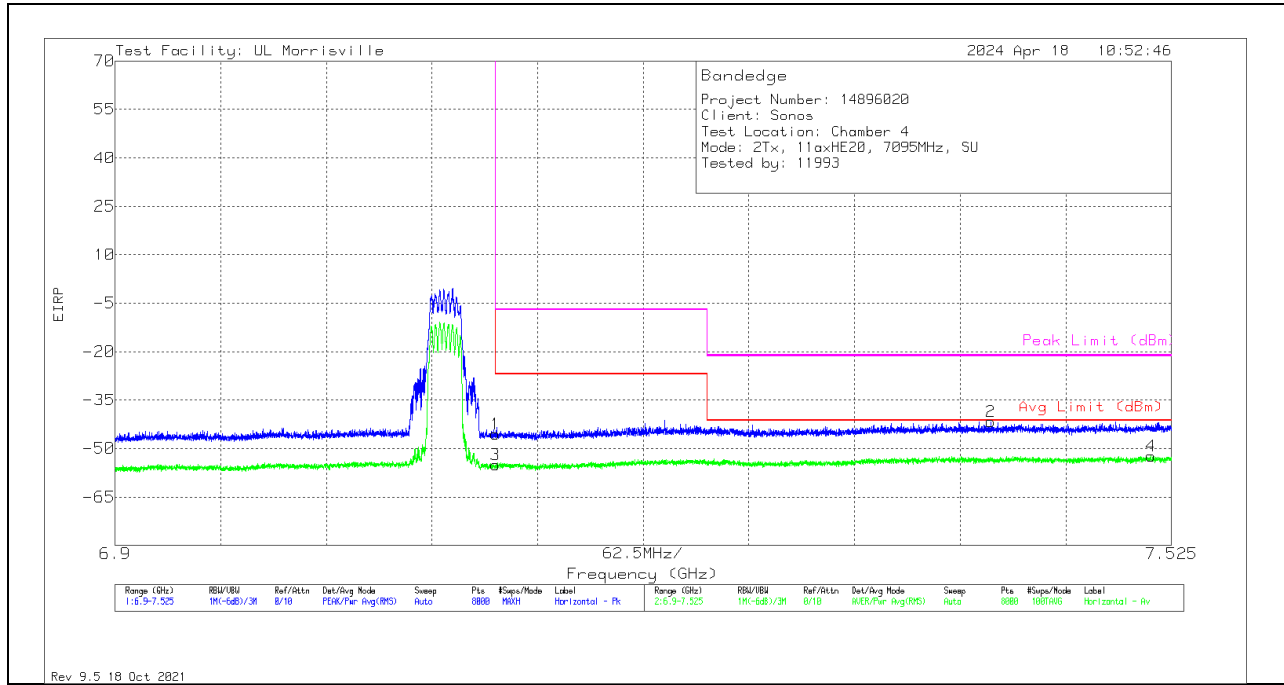
Marker	Frequency (GHz)	Meter Reading (dBm)	Det	89509 ACF (dB/m)	Gain/Loss (dB)	Conversion Factor (dB)	DC Corr (dB)	Corrected Reading EIRP	Avg Limit (dBm)	RMS Margin (dB)	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	7.12505	-48.26	Pk	35.6	-7.1	11.8	0	-7.96	-	-	-7	-96	227	161	V
3	7.12505	-79.33	RMS	35.6	-7.1	11.8	4.15	-34.88	-27	-7.88	-	-	227	161	V
2	7.12527	-50.79	Pk	35.6	-7.1	11.8	0	-10.49	-	-	-7	-3.49	227	161	V
4	7.12572	-79.33	RMS	35.6	-7	11.8	4.15	-34.78	-27	-7.78	-	-	227	161	V

Pk - Peak detector
 RMS - RMS detection

2TX CHAIN 0 + CHAIN 1 OFDMA MODE: SU

BANDEDGE (HIGH CHANNEL)

HORIZONTAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBm)	Det	86408 (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	* ** 7.41811	-71.83	Pk	35.6	-17.2	11.8	0	-41.63	-	-	-21.2	-20.43	14	104	H
4	* ** 7.51297	-84.03	RMS	35.7	-16.5	11.8	.74	-52.29	-41.2	-11.09	-	-	14	104	H
1	7.12503	-73.83	Pk	35.6	-19	11.8	0	-45.43	-	-	-7	-38.43	14	104	H
3	7.12503	-84.17	RMS	35.6	-19	11.8	.74	-55.03	-27	-28.03	-	-	14	104	H

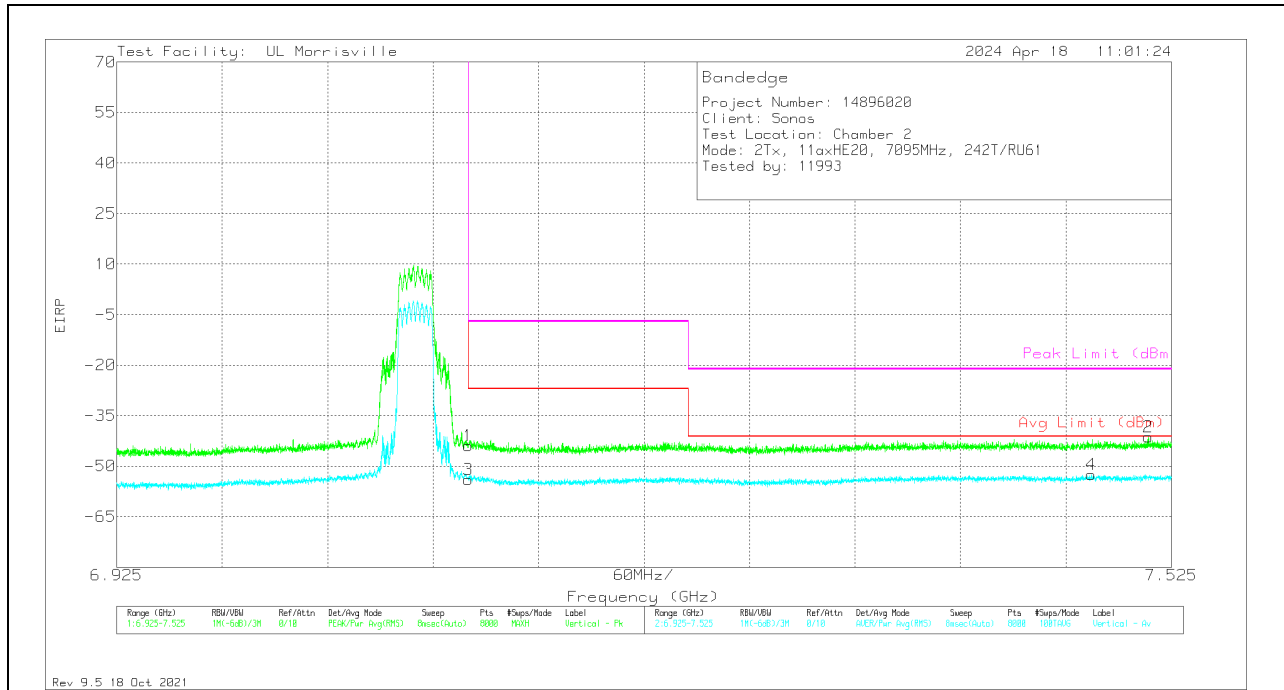
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

** - indicates frequency in Taiwan NCC LP0002 Restricted Band

Pk - Peak detector

RMS - RMS detection

VERTICAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBm)	Det	86408 (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	* ** 7.51195	-72.4	Pk	35.7	-16.5	11.8	0	-41.4	-	-	-21.2	-20.2	193	102	V
4	* ** 7.47939	-83.95	RMS	35.7	-16.7	11.8	.74	-52.41	-41.2	-11.21	-	-	193	102	V
1	7.12505	-72.24	Pk	35.6	-19	11.8	0	-43.84	-	-	-7	-36.84	193	102	V
3	7.12505	-83.12	RMS	35.6	-19	11.8	.74	-53.98	-27	-26.98	-	-	193	102	V

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

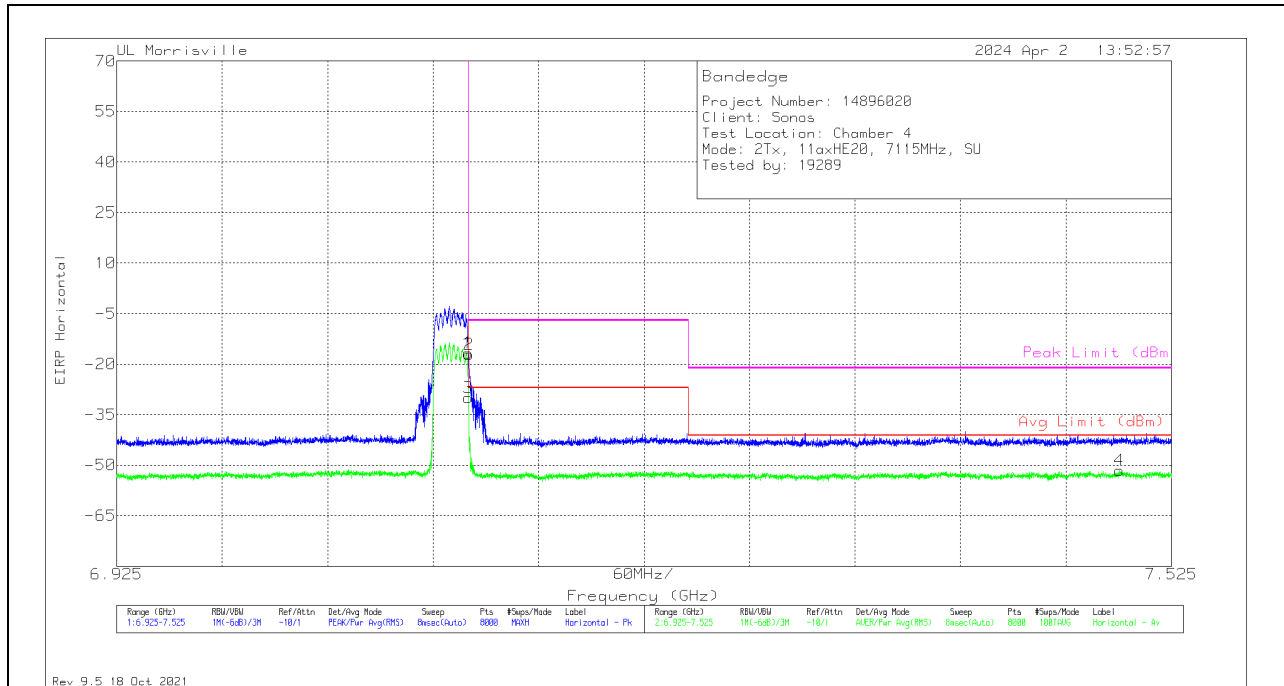
** - indicates frequency in Taiwan NCC LP0002 Restricted Band

Pk - Peak detector

RMS - RMS detection

BANDEDGE (HIGH CHANNEL)

HORIZONTAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBm)	Det	89509 ACF (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	* ** 7.49544	-93.76	RMS	35.6	-6	11.8	.74	-51.62	-41.2	-10.42	-	-	66	100	H
1	7.12505	-56.95	PK	35.6	-7.1	11.8	0	-16.65	-	-	-7	-9.65	66	101	H
3	7.12505	-71	RMS	35.6	-7.1	11.8	.74	-29.96	-27	-2.96	-	-	66	100	H
2	7.1252	-57.43	PK	35.6	-7.1	11.8	0	-17.13	-	-	-7	-10.13	66	101	H

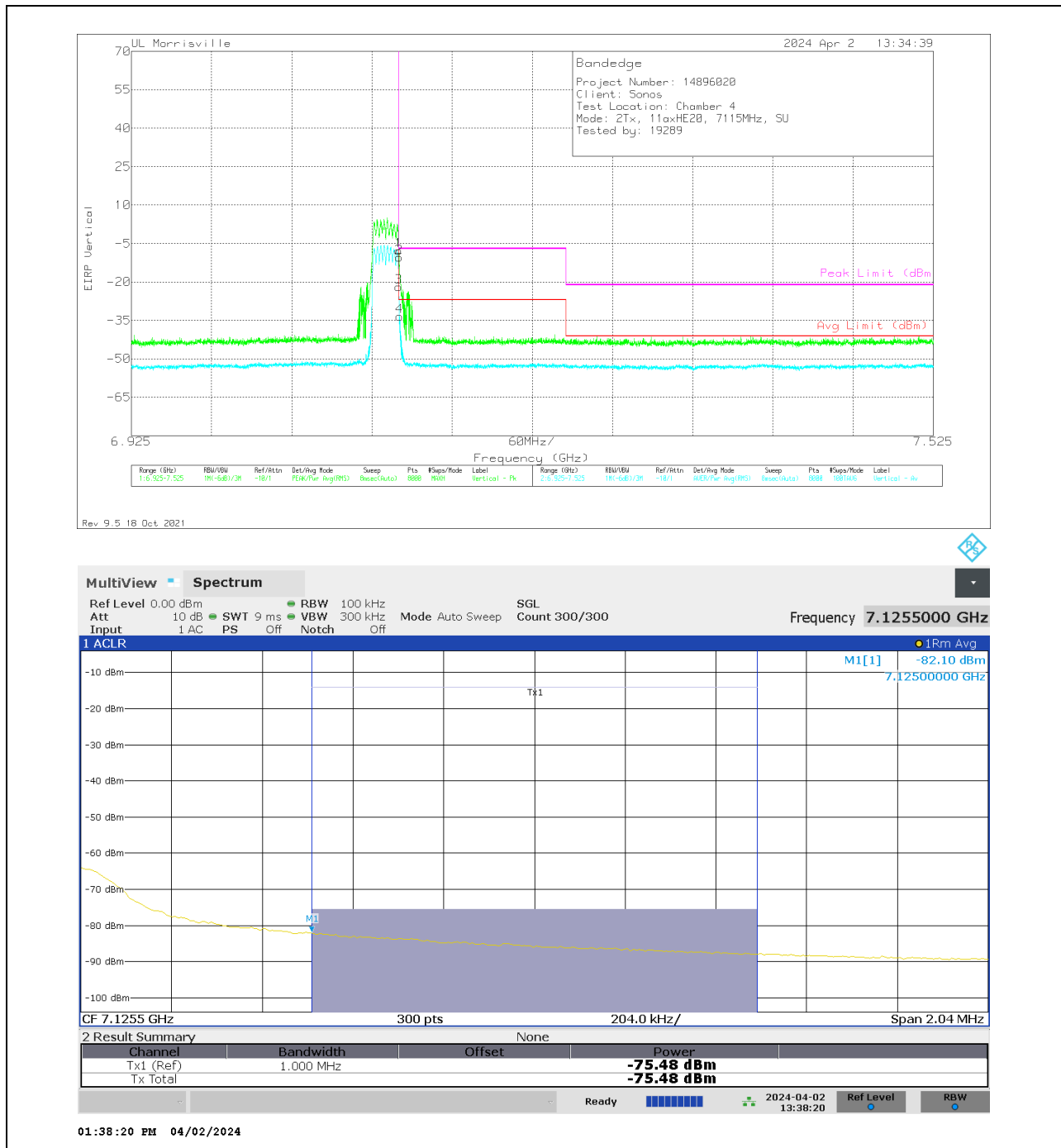
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

** - indicates frequency in Taiwan NCC LP0002 Restricted Band

Pk - Peak detector

RMS - RMS detection

VERTICAL RESULT

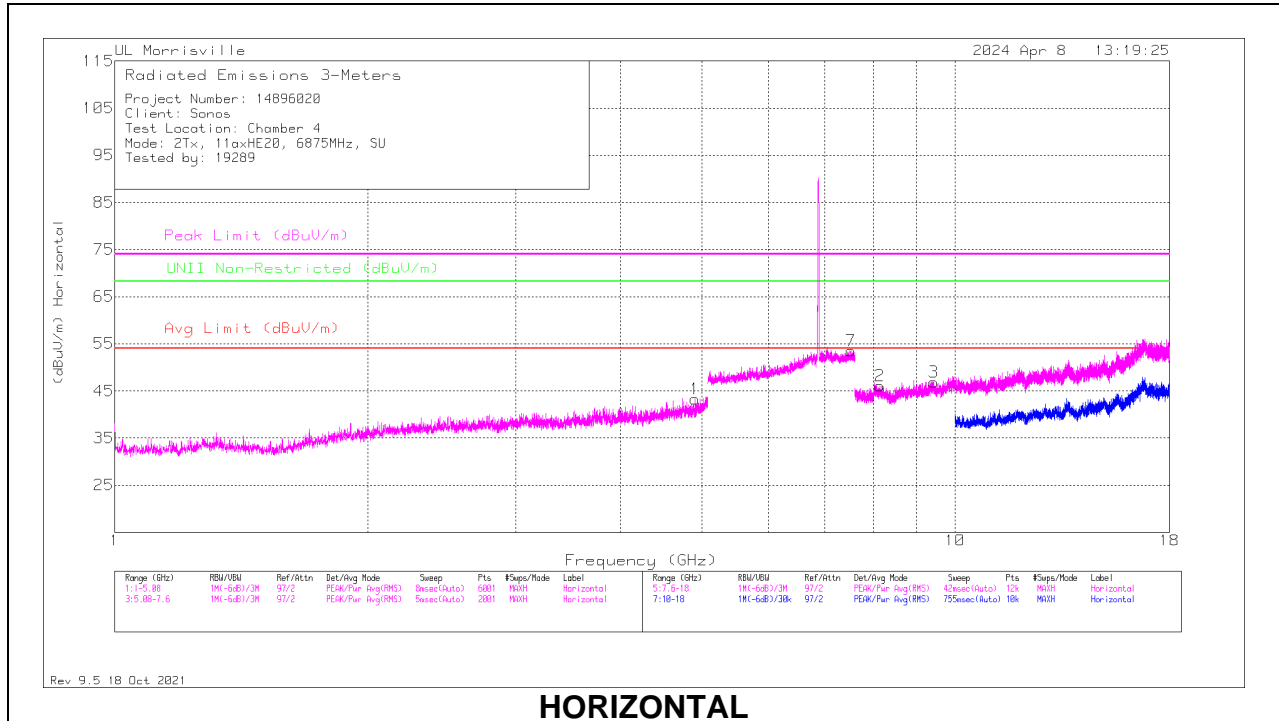


Marker	Frequency (GHz)	Meter Reading (dBm)	Det	89509 ACF (dB/m)	Gain/Loss (dB)	Conversion Factor (dB)	DC Corr (dB)	Corrected Reading EIRP	Avg Limit (dBm)	RMS Margin (dB)	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	7.12505	-48.06	Pk	35.6	-7.1	11.8	0	-7.76	-	-	-7	-76	185	100	V
3	7.12505	-75.48	RMS	35.6	-7.1	11.8	.74	-34.44	-27	-7.44	-	-	185	100	V
2	7.12535	-50.8	Pk	35.6	-7	11.8	0	-10.4	-	-	-7	-3.4	185	100	V
4	7.12565	-75.48	RMS	35.6	-7	11.8	.74	-34.34	-27	-7.34	-	-	185	100	V

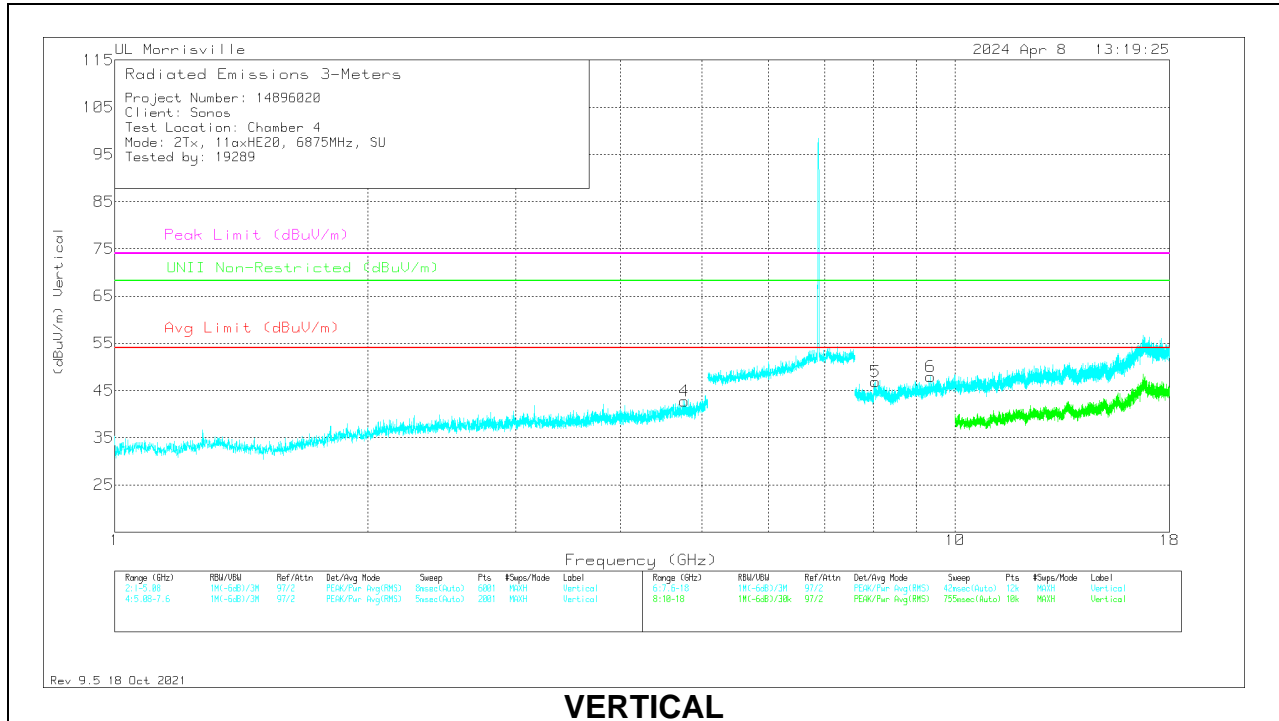
Pk - Peak detector
 RMS - RMS detection

HARMONICS AND SPURIOUS EMISSIONS

LOW CHANNEL



HORIZONTAL



VERTICAL

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)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	*** 4.90116	40.33	Pk	34	-31	0	0	43.33	54	-10.67	74	-30.67	-	-	0-360	100	H
4	*** 4.75972	39.53	Pk	34	-30.8	0	0	42.73	54	-11.27	74	-31.27	-	-	0-360	200	V
7	*** 7.52194	24.92	PK-U	35.6	-6.3	0	0	54.22	-	-	74	-19.78	-	-	8	103	H
	*** 7.52231	13.33	ADR	35.6	-6.3	0	.74	43.37	54	-10.63	-	-	-	-	8	103	H
2	*** 8.13473	37.31	Pk	35.8	-27.8	.8	0	46.11	54	-7.89	74	-27.89	-	-	0-360	100	H
3	*** 9.43213	35.89	Pk	36.7	-26.2	.5	0	46.89	54	-7.11	74	-27.11	-	-	0-360	100	H
5	*** 8.04633	38.27	Pk	35.8	-28	.8	0	46.87	54	-7.13	74	-27.13	-	-	0-360	200	V
6	*** 9.35933	36.87	Pk	36.5	-25.6	.2	0	47.97	54	-6.03	74	-26.03	-	-	0-360	200	V

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

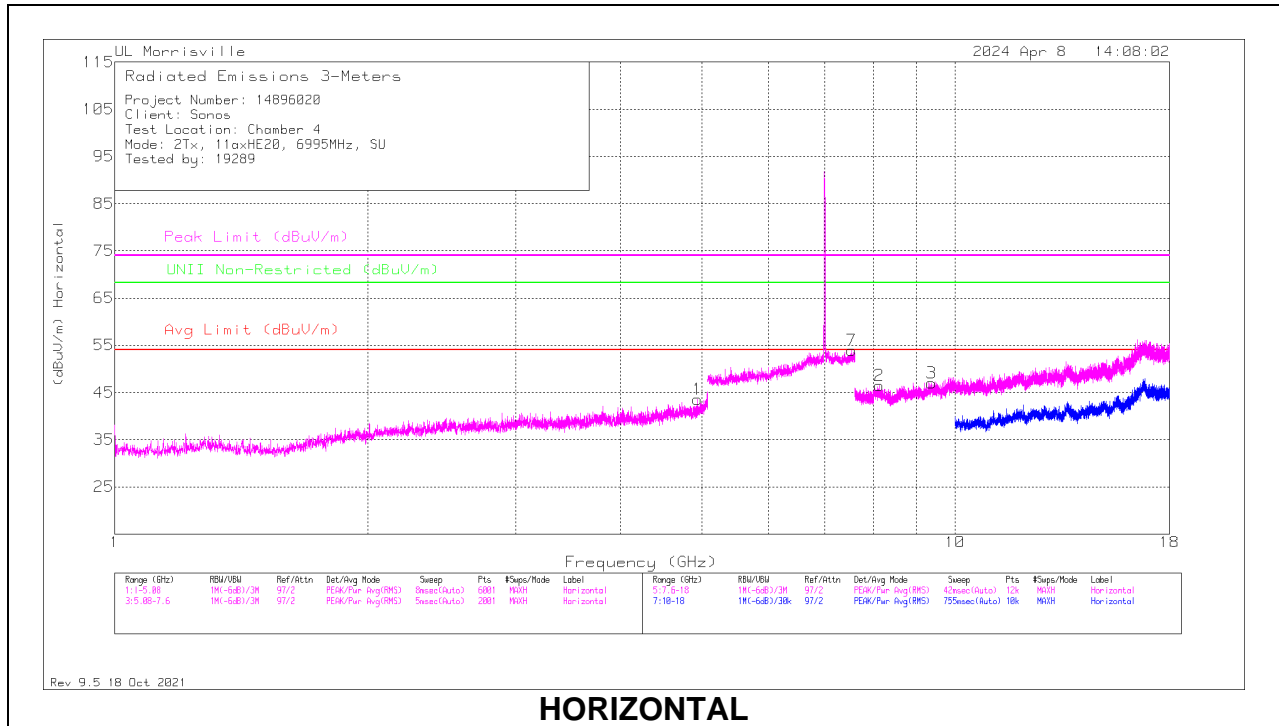
** - indicates frequency in Taiwan NCC LP0002 Restricted Band

Pk - Peak detector

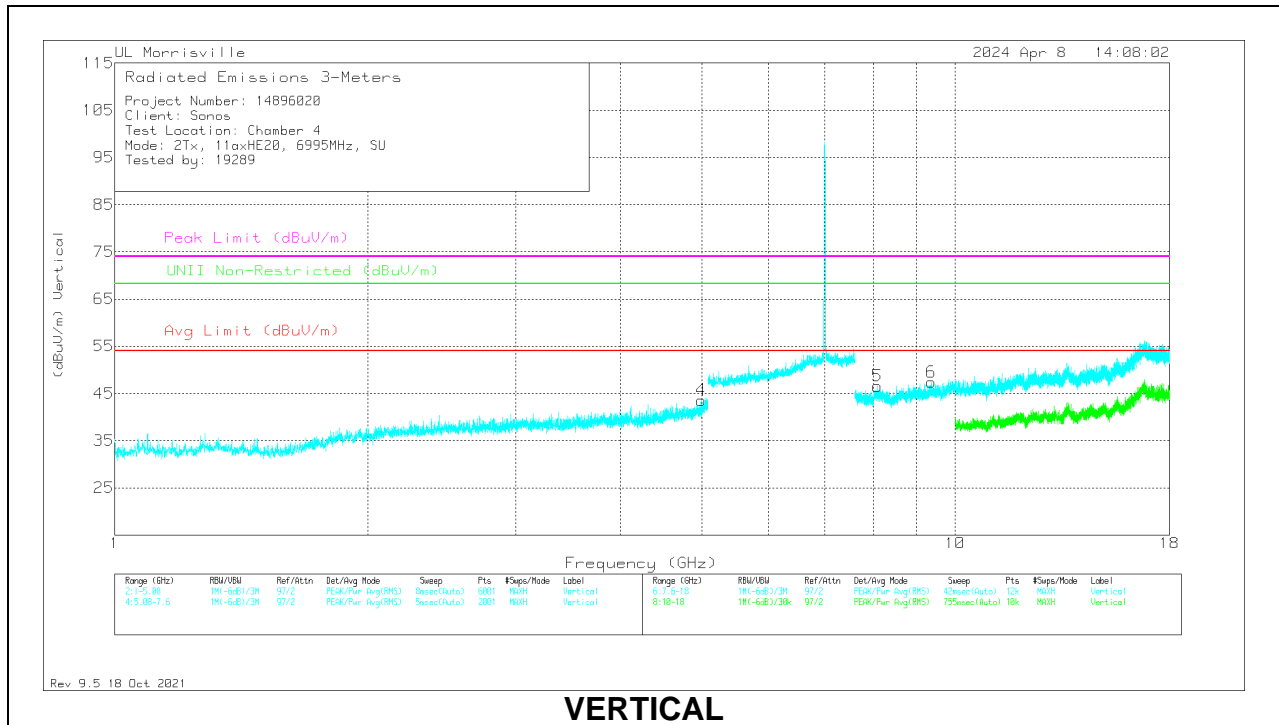
PK-U - Maximum Peak

ADR - RMS average

MID CHANNEL



HORIZONTAL



VERTICAL

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)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	*** 4.9372	40.37	Pk	33.9	-30.7	0	0	43.57	54	-10.43	74	-30.43	-	-	0-360	100	H
4	*** 4.99024	39.81	Pk	34.1	-30.3	0	0	43.61	54	-10.39	74	-30.39	-	-	0-360	200	V
7	*** 7.53043	24.79	PK-U	35.7	-6.1	0	0	54.39	-	-	74	-19.61	-	-	184	326	H
	*** 7.53089	13.7	ADR	35.7	-6.1	0	.74	44.04	54	-9.96	-	-	-	-	184	326	H
2	*** 8.13213	37.7	Pk	35.8	-27.8	.8	0	46.5	54	-7.5	74	-27.5	-	-	0-360	100	H
3	*** 9.37927	35.89	Pk	36.6	-25.8	.3	0	46.99	54	-7.01	74	-27.01	-	-	0-360	100	H
5	*** 8.08707	37.34	Pk	35.8	-27.5	.9	0	46.54	54	-7.46	74	-27.46	-	-	0-360	200	V
6	*** 9.36453	36.35	Pk	36.5	-25.6	.2	0	47.45	54	-6.55	74	-26.55	-	-	0-360	200	V

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

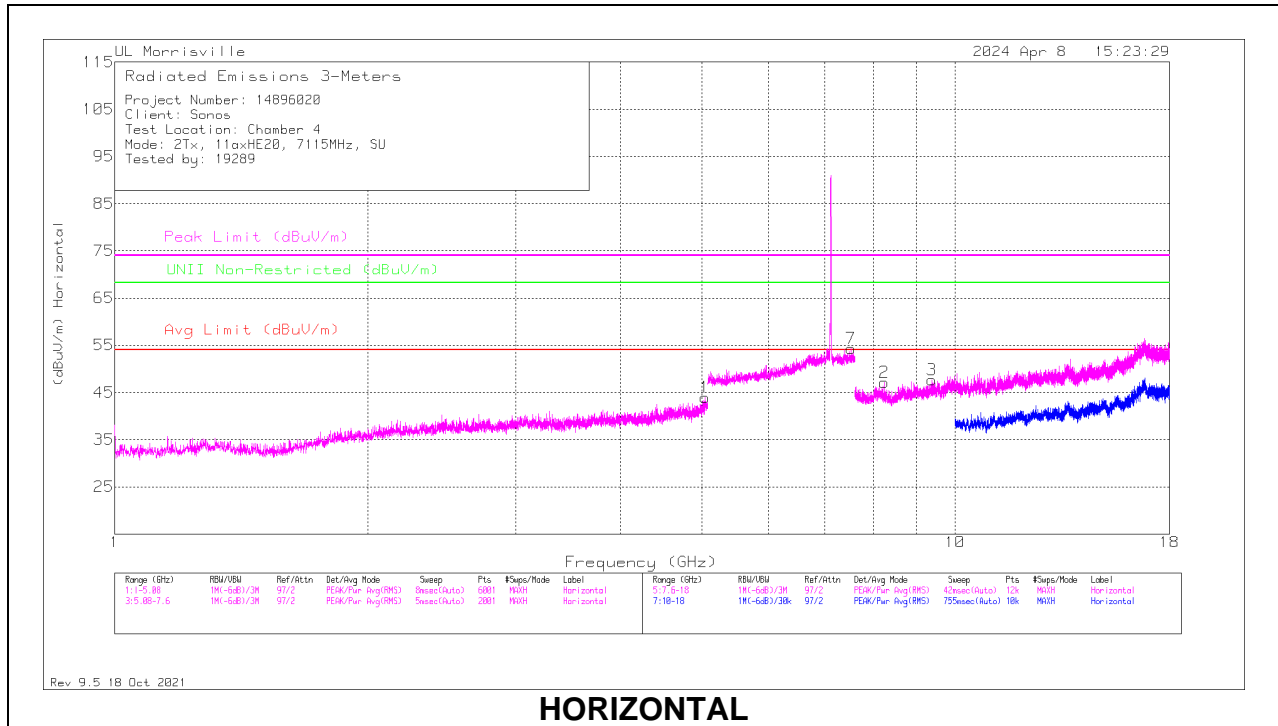
** - indicates frequency in Taiwan NCC LP0002 Restricted Band

Pk - Peak detector

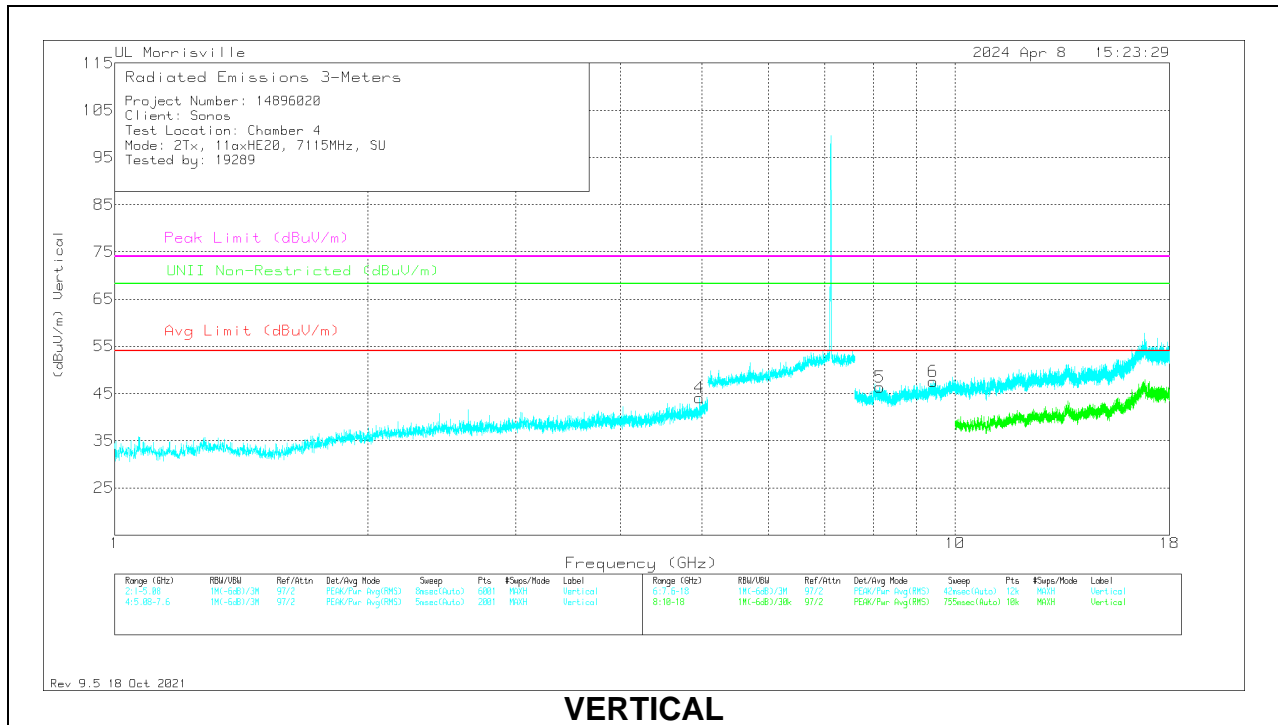
PK-U - Maximum Peak

ADR - RMS average

HIGH CHANNEL



HORIZONTAL



VERTICAL

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)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	*** 5.03716	39.6	Pk	34.1	-29.8	0	0	43.9	54	-10.1	74	-30.1	-	-	0-360	100	H
4	*** 4.96644	40.67	Pk	34	-30.6	0	0	44.07	54	-9.93	74	-29.93	-	-	0-360	200	V
7	*** 7.5207	24.76	PK-U	35.6	-6.3	0	0	54.06	-	-	74	-19.94	-	-	42	132	H
	*** 7.52035	13.31	ADR	35.6	-6.3	0	.74	43.35	54	-10.65	-	-	-	-	42	132	H
2	*** 8.2396	38.25	Pk	35.8	-27.7	.8	0	47.15	54	-6.85	74	-26.85	-	-	0-360	100	H
3	*** 9.39487	36.83	Pk	36.6	-26.1	.3	0	47.63	54	-6.37	74	-26.37	-	-	0-360	100	H
5	*** 8.13733	37.35	Pk	35.8	-27.6	.8	0	46.35	54	-7.65	74	-27.65	-	-	0-360	200	V
6	*** 9.42607	36.43	Pk	36.7	-26	.4	0	47.53	54	-6.47	74	-26.47	-	-	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

PK-U - Maximum Peak

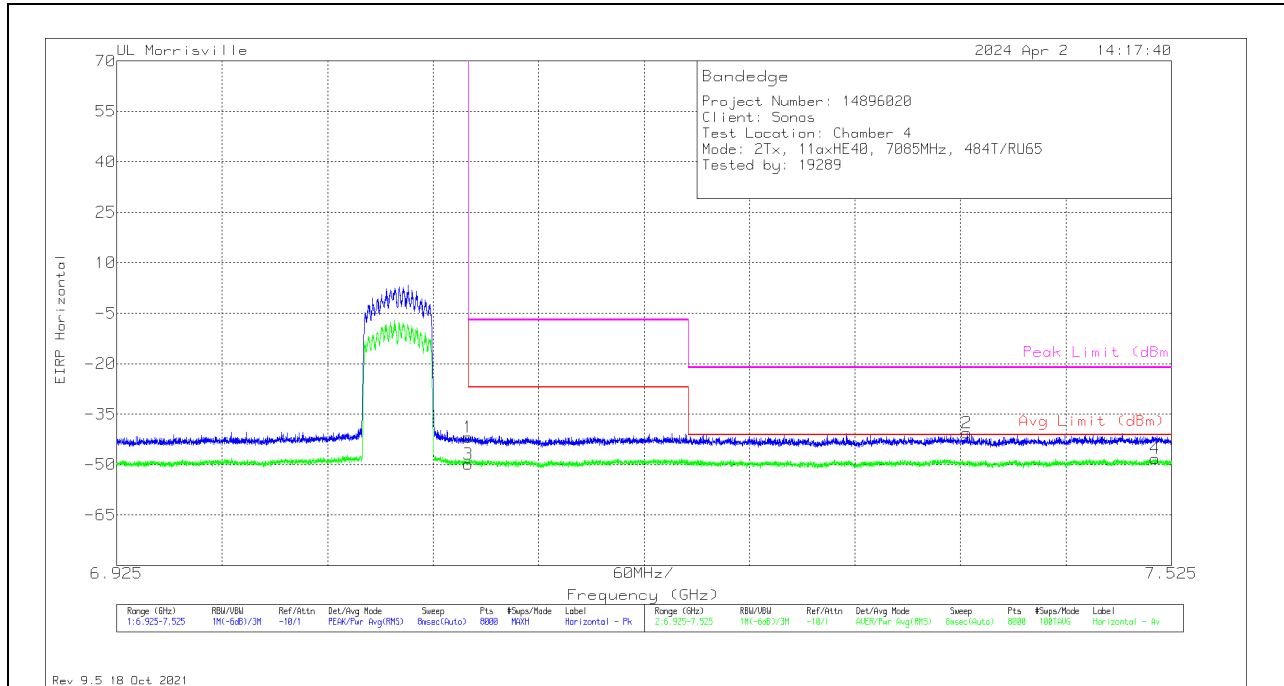
ADR - RMS average

10.1.11. TX ABOVE 1 GHz 802.11ax HE40 MODE IN THE UNII-8 BAND

2TX CHAIN 0 + CHAIN 1 OFDMA MODE: 484T

BANDEDGE (HIGH CHANNEL)

HORIZONTAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBm)	Det	89509 ACF (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	* ** 7.40858	-81.25	Pk	35.6	-6.7	11.8	0	-40.55	-	-	-21.2	-19.35	66	103	H
4	* ** 7.51555	-94.01	RMS	35.6	-5.9	11.8	4.25	-48.26	-41.2	-7.06	-	-	66	103	H
1	7.12505	-82.24	Pk	35.6	-7.1	11.8	0	-41.94	-	-	-7	-34.94	66	103	H
3	7.12505	-94.35	RMS	35.6	-7.1	11.8	4.25	-49.8	-27	-22.8	-	-	66	103	H

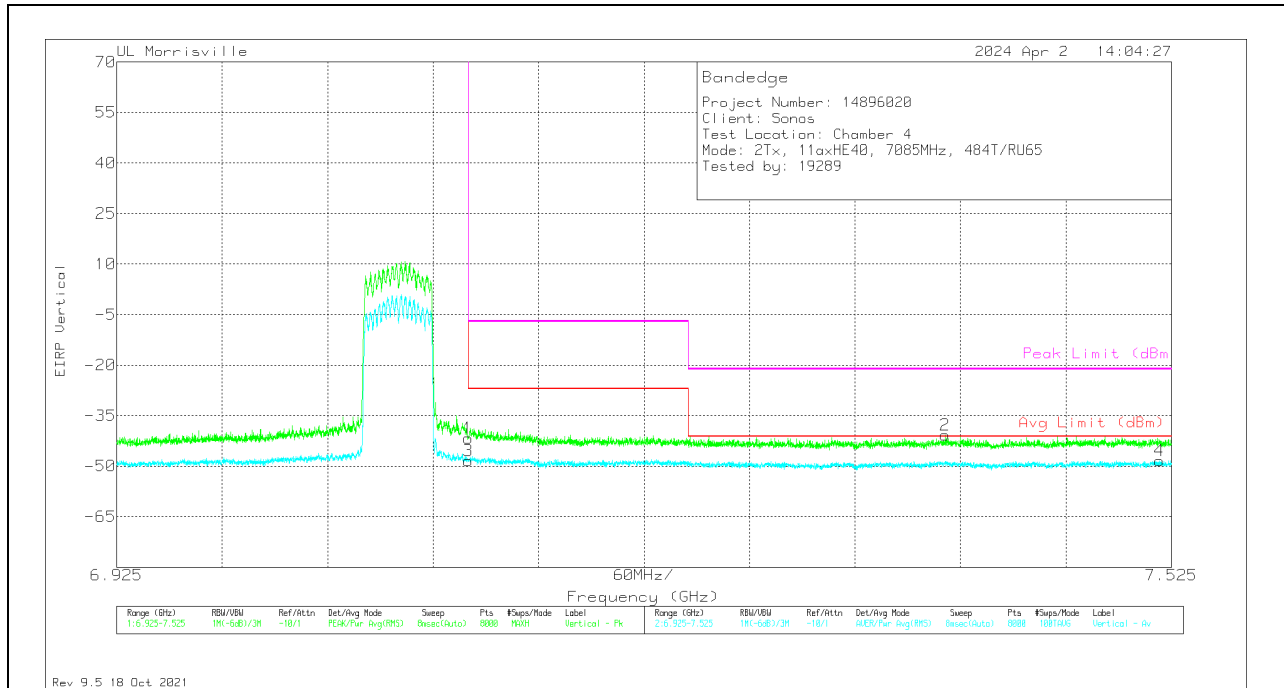
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

** - indicates frequency in Taiwan NCC LP0002 Restricted Band

Pk - Peak detector

RMS - RMS detection

VERTICAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBm)	Det	89509 ACF (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	* ** 7.39621	-81.83	Pk	35.6	-6.4	11.8	0	-40.83	-	-	-21.2	-19.63	186	103	V
4	* ** 7.51817	-93.98	RMS	35.6	-6	11.8	4.25	-48.33	-41.2	-7.13	-	-	186	103	V
1	7.12505	-81.92	Pk	35.6	-7.1	11.8	0	-41.62	-	-	-7	-34.62	186	103	V
3	7.12505	-92.98	RMS	35.6	-7.1	11.8	4.25	-48.43	-27	-21.43	-	-	186	103	V

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

** - indicates frequency in Taiwan NCC LP0002 Restricted Band

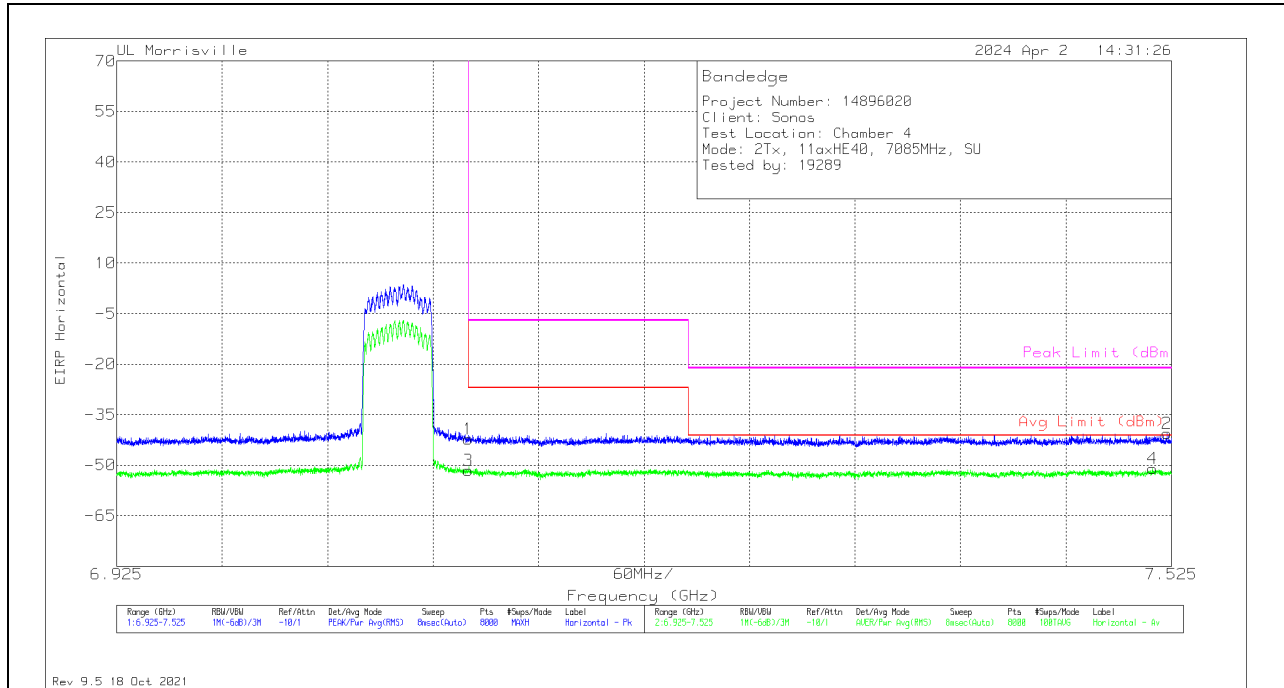
Pk - Peak detector

RMS - RMS detection

2TX CHAIN 0 + CHAIN 1 OFDMA MODE: SU

BANDEDGE (HIGH CHANNEL)

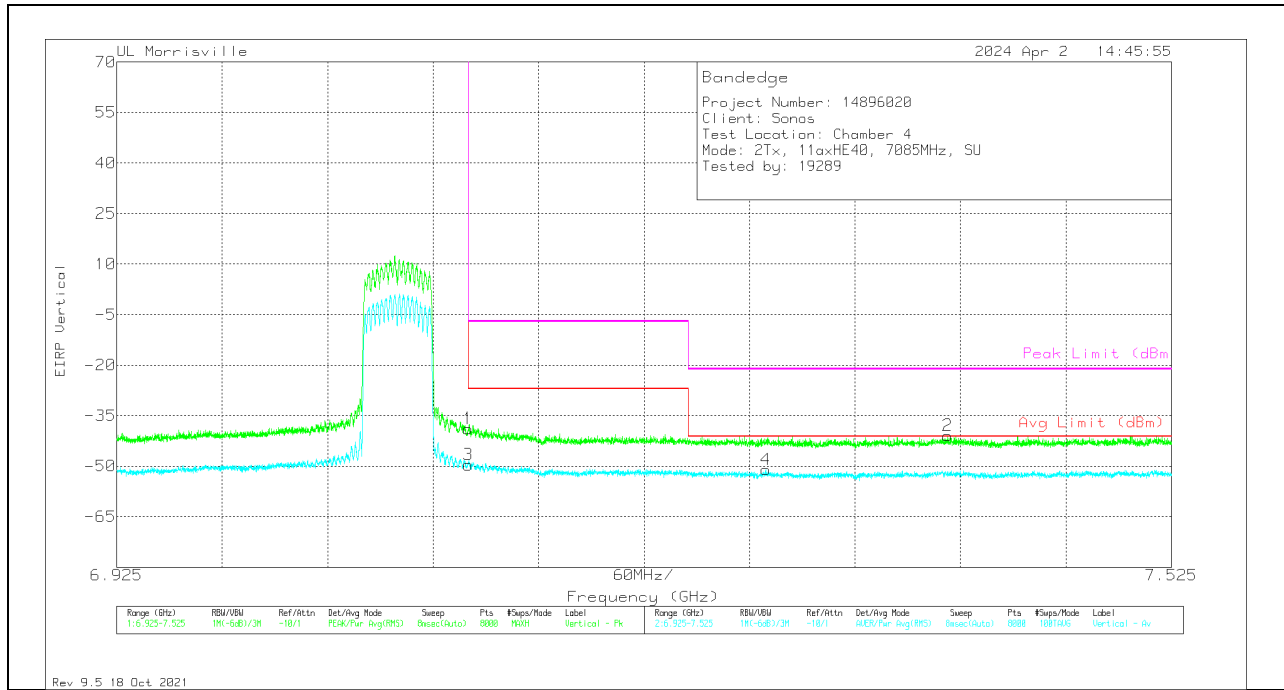
HORIZONTAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBm)	Det	89509 ACF (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	* ** 7.52252	-81.69	Pk	35.6	-6.3	11.8	0	-40.59	-	-	-21.2	-19.39	66	101	H
4	* ** 7.51442	-93.72	RMS	35.6	-6	11.8	1.32	-51	-41.2	-9.8	-	-	66	100	H
1	7.12505	-82.5	Pk	35.6	-7.1	11.8	0	-42.2	-	-	-	-35.2	66	101	H
3	7.12505	-93.1	RMS	35.6	-7.1	11.8	1.32	-51.48	-27	-24.48	-	-	66	100	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 RESULT



Marker	Frequency (GHz)	Meter Reading (dBm)	Det	89509 ACF (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	* ** 7.39756	-81.86	Pk	35.6	-6.4	11.8	0	-40.86	-	-	-21.2	-19.66	188	113	V
4	* ** 7.29434	-93.26	RMS	35.7	-6.5	11.8	1.32	-50.94	-41.2	-9.74	-	-	188	113	V
1	7.12505	-79.11	Pk	35.6	-7.1	11.8	0	-38.81	-	-	-7	-31.81	188	113	V
3	7.12505	-91.22	RMS	35.6	-7.1	11.8	1.32	-49.6	-27	-22.6	-	-	188	113	V

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

** - indicates frequency in Taiwan NCC LP0002 Restricted Band

Pk - Peak detector

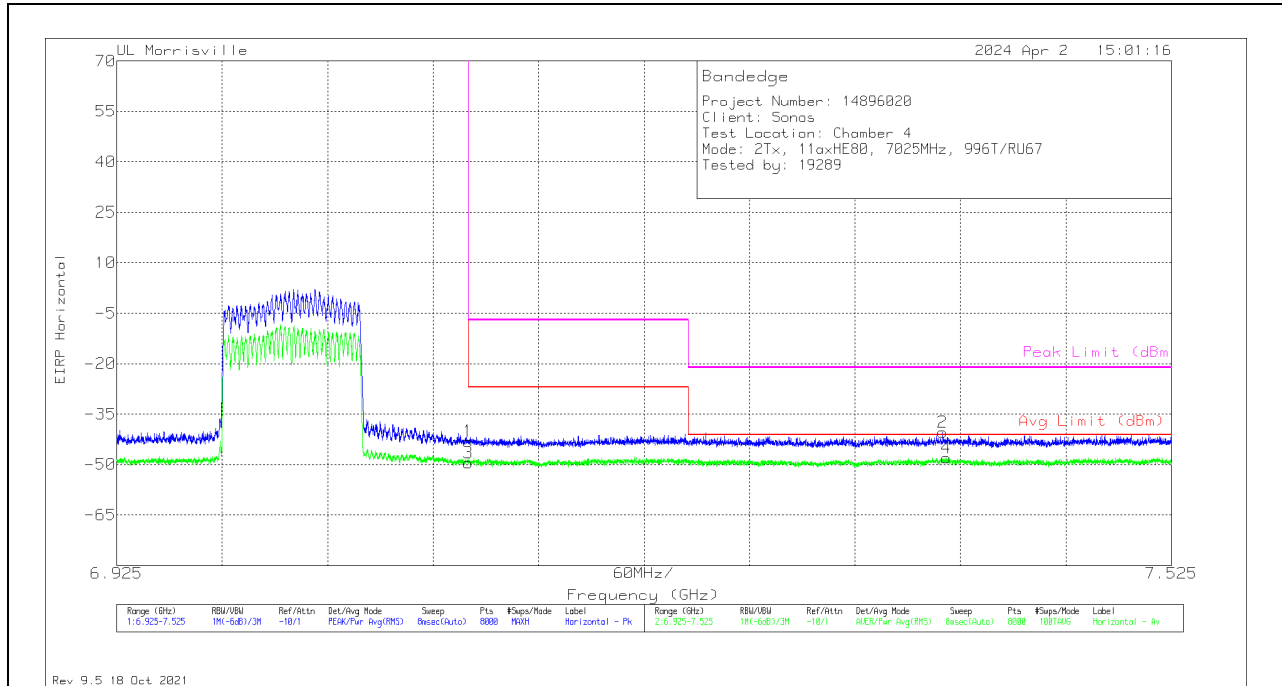
RMS - RMS detection

10.1.12. TX ABOVE 1 GHz 802.11ax HE80 MODE IN THE UNII-8 BAND

2TX CHAIN 0 + CHAIN 1 OFDMA MODE: 996T

BANDEDGE (HIGH CHANNEL)

HORIZONTAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBm)	Det	89509 ACF (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	* ** 7.39478	-81.46	Pk	35.6	-6.4	11.8	0	-40.46	-	-	-21.2	-19.26	53	104	H
4	* ** 7.39688	-93.47	RMS	35.6	-6.4	11.8	4.52	-47.95	-41.2	-6.75	-	-	53	104	H
1	7.12505	-83.39	Pk	35.6	-7.1	11.8	0	-43.09	-	-	-7	-36.09	53	104	H
3	7.12505	-94.25	RMS	35.6	-7.1	11.8	4.52	-49.43	-27	-22.43	-	-	53	104	H

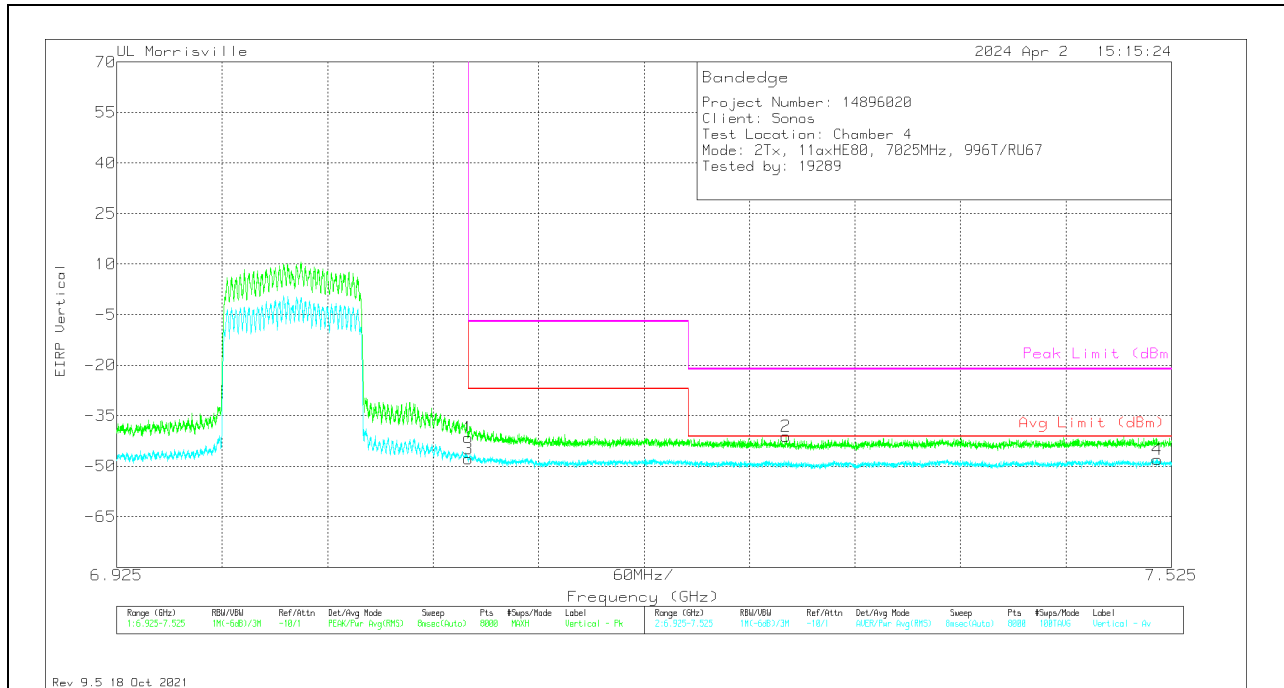
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

** - indicates frequency in Taiwan NCC LP0002 Restricted Band

Pk - Peak detector

RMS - RMS detection

VERTICAL RESULT



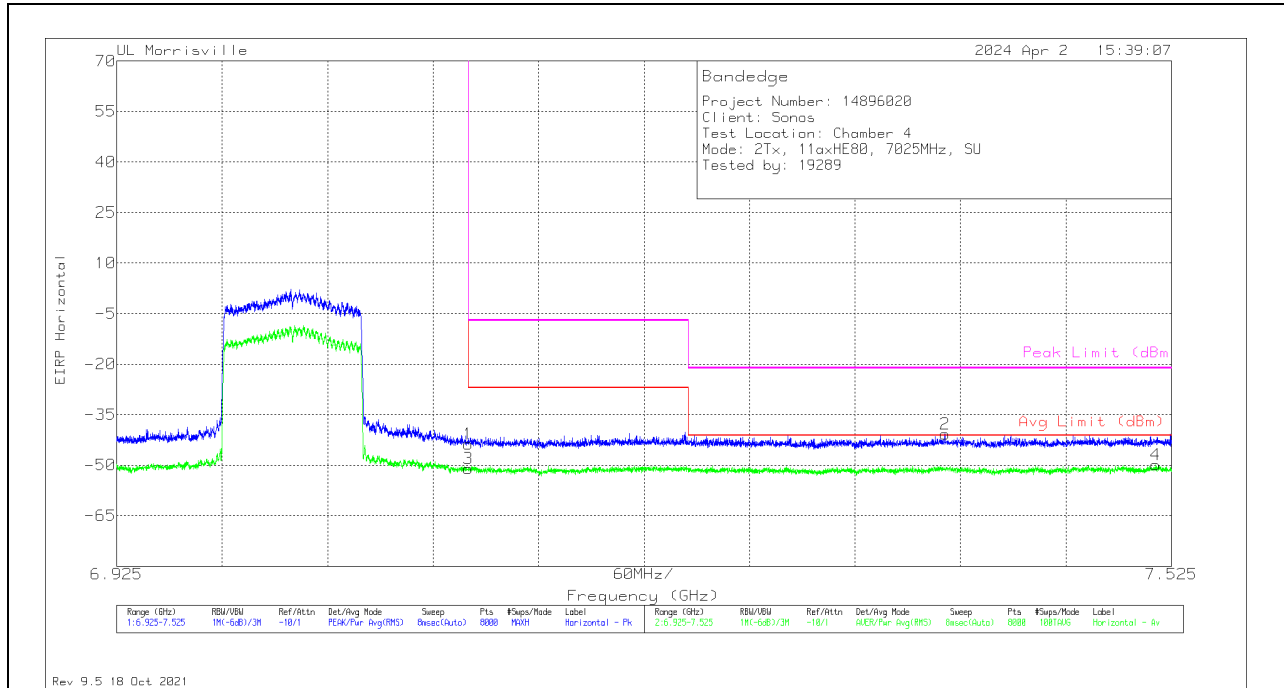
Marker	Frequency (GHz)	Meter Reading (dBm)	Det	89509 ACF (dB/m)	Gain/Loss (dB)	Conversion Factor (dB)	DC Corr (dB)	Corrected Reading EIRP	Avg Limit (dBm)	RMS Margin (dB)	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
2	* ** 7.30575	-81.9	Pk	35.7	-6.7	11.8	0	-41.1	-	-	-21.2	-19.9	186	103	V
4	* ** 7.51697	-93.97	RMS	35.6	-5.9	11.8	4.52	-47.95	-41.2	-6.75	-	-	186	103	V
1	7.12505	-81.85	Pk	35.6	-7.1	11.8	0	-41.55	-	-	-7	-34.55	186	103	V
3	7.12505	-92.73	RMS	35.6	-7.1	11.8	4.52	-47.91	-27	-20.91	-	-	186	103	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

2TX CHAIN 0 + CHAIN 1 OFDMA MODE: SU

BANDEDGE (HIGH CHANNEL)

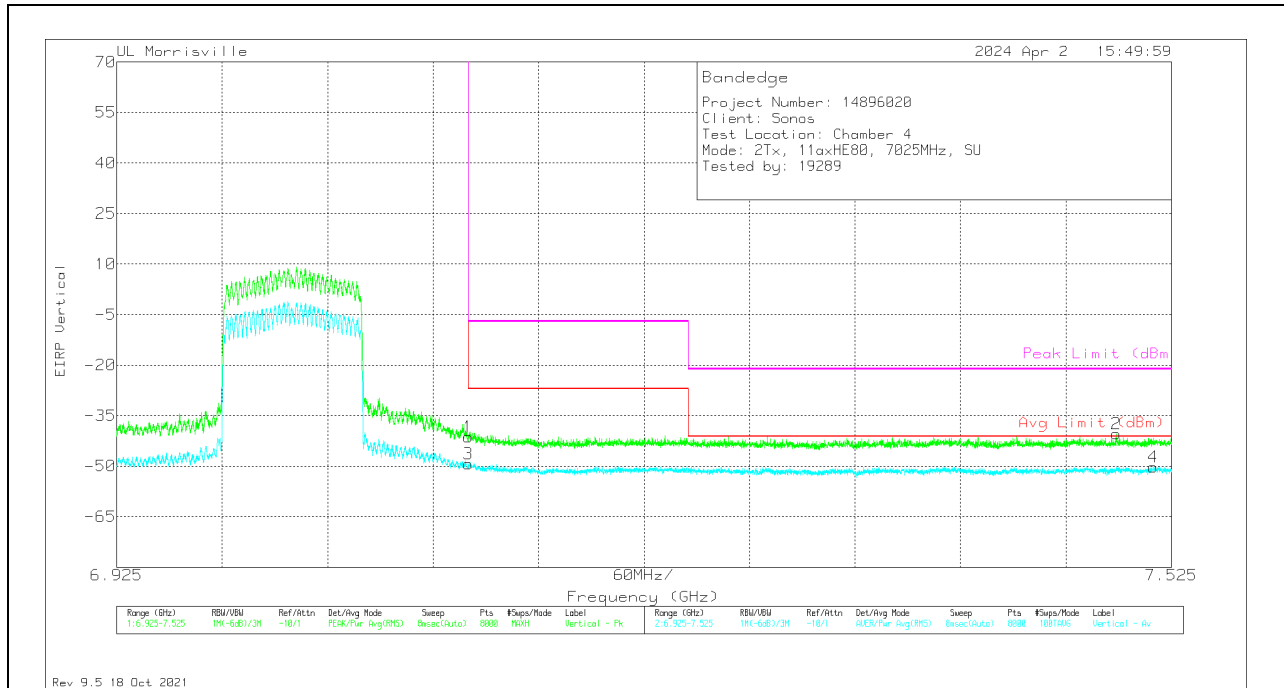
HORIZONTAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBm)	Det	89509 ACF (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	* ** 7.39613	-81.76	Pk	35.6	-6.4	11.8	0	-40.76	-	-	-21.2	-19.56	82	299	H
4	* ** 7.516	-93.92	RMS	35.6	-5.8	11.8	2.37	-49.95	-41.2	-8.75	-	-	82	299	H
1	7.12505	-84.05	Pk	35.6	-7.1	11.8	0	-43.75	-	-	-7	-36.75	82	299	H
3	7.12505	-93.74	RMS	35.6	-7.1	11.8	2.37	-51.07	-27	-24.07	-	-	82	299	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 RESULT



Marker	Frequency (GHz)	Meter Reading (dBm)	Det	89509 ACF (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	* ** 7.49372	-81.62	Pk	35.6	-6.1	11.8	0	-40.32	-	-	-21.2	-19.12	146	219	V
4	* ** 7.51472	-94.07	RMS	35.6	-5.9	11.8	2.37	-50.2	-41.2	-9	-	-	146	219	V
1	7.12505	-81.58	Pk	35.6	-7.1	11.8	0	-41.28	-	-	-7	-34.28	146	219	V
3	7.12505	-92.03	RMS	35.6	-7.1	11.8	2.37	-49.36	-27	-22.36	-	-	146	219	V

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

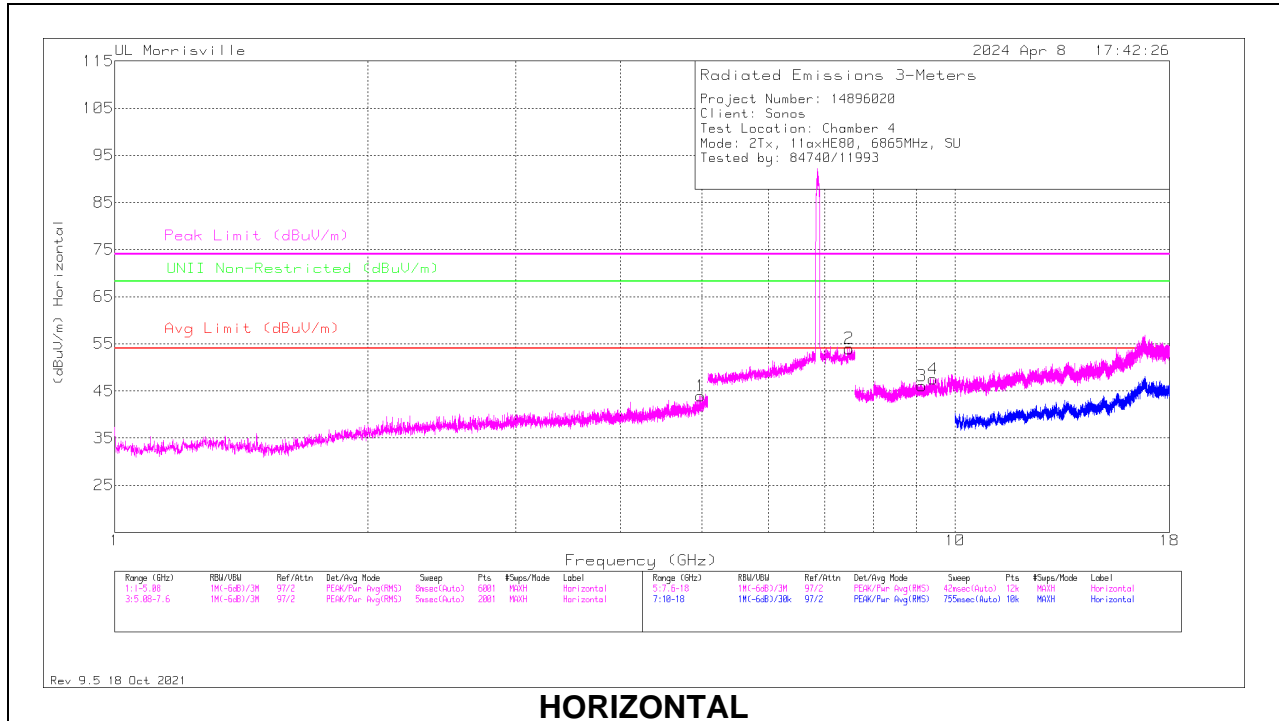
** - indicates frequency in Taiwan NCC LP0002 Restricted Band

Pk - Peak detector

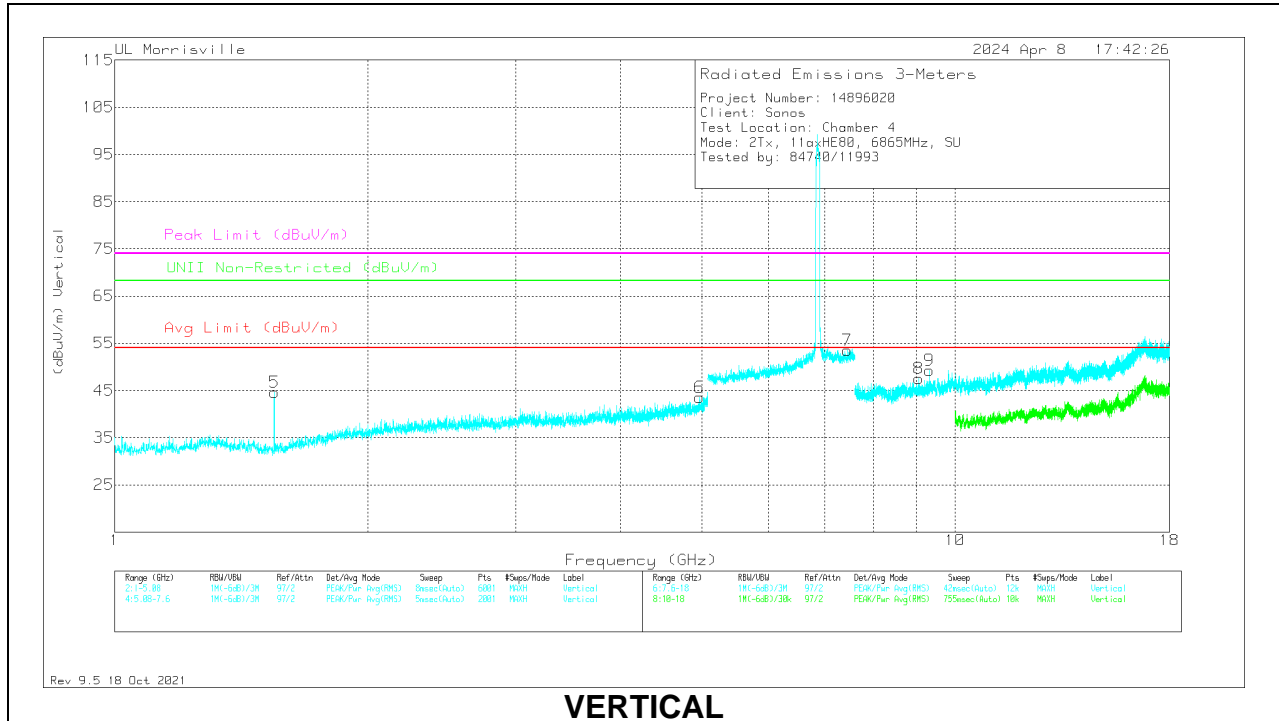
RMS - RMS detection

HARMONICS AND SPURIOUS EMISSIONS

LOW CHANNEL



HORIZONTAL



VERTICAL

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)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	*** 4.97936	40.19	Pk	34	-30.2	0	0	43.99	54	-10.01	74	-30.01	-	-	0-360	100	H
5	*** 1.54808	52.85	Pk	27.8	-36.1	0	0	44.55	54	-9.45	74	-29.45	-	-	0-360	200	V
6	*** 4.96712	40.02	Pk	34	-30.5	0	0	43.52	54	-10.48	74	-30.48	-	-	0-360	200	V
2	*** 7.47879	25.11	PK-U	35.6	-6.1	0	0	54.61	-	-	74	-19.39	-	-	4	159	H
	*** 7.4777	13.64	ADR	35.6	-6	0	2.37	45.61	54	-8.39	-	-	-	-	4	159	H
7	*** 7.4426	25.39	PK-U	35.7	-6.7	0	0	54.39	-	-	74	-19.61	-	-	165	157	V
	*** 7.44296	13.46	ADR	35.7	-6.6	0	2.37	44.93	54	-9.07	-	-	-	-	165	157	V
3	*** 9.13747	35.7	Pk	36.3	-26.3	.4	0	46.1	54	-7.9	74	-27.9	-	-	0-360	100	H
4	*** 9.42	36.58	Pk	36.6	-26.1	.4	0	47.48	54	-6.52	74	-26.52	-	-	0-360	100	H
8	*** 9.05427	36.67	Pk	36.2	-26	.7	0	47.57	54	-6.43	74	-26.43	-	-	0-360	200	V
9	*** 9.32954	36.95	PK-U	36.5	-25.8	.4	0	48.05	-	-	74	-25.95	-	-	176	359	V
	*** 9.32967	25.05	ADR	36.5	-25.8	.4	2.37	38.52	54	-15.48	-	-	-	-	176	359	V

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

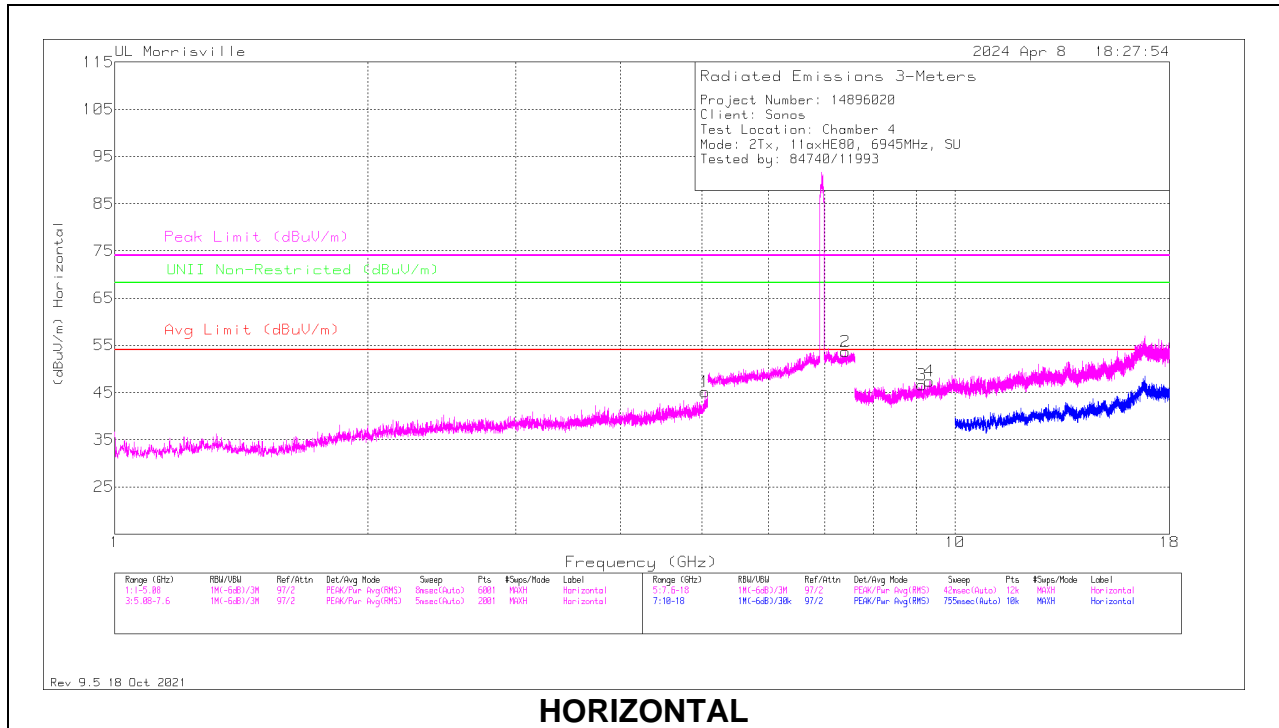
** - indicates frequency in Taiwan NCC LP0002 Restricted Band

Pk - Peak detector

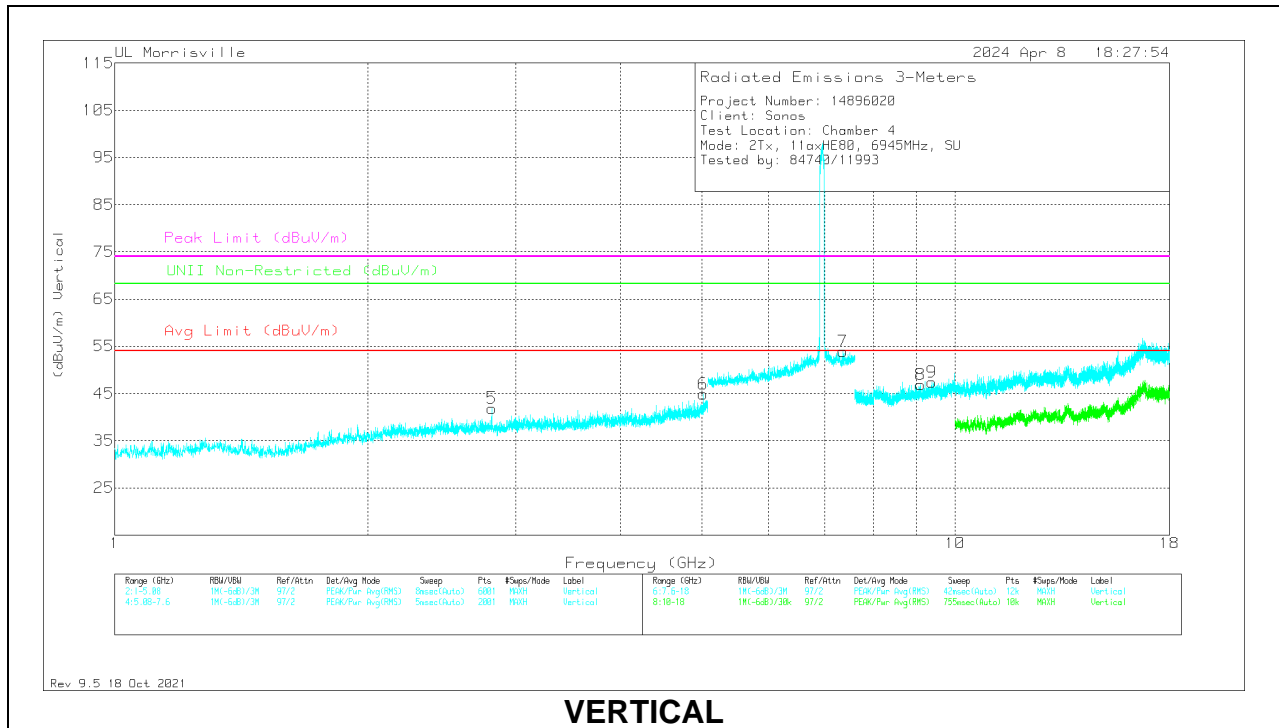
PK-U - Maximum Peak

ADR - RMS average

MID CHANNEL



HORIZONTAL

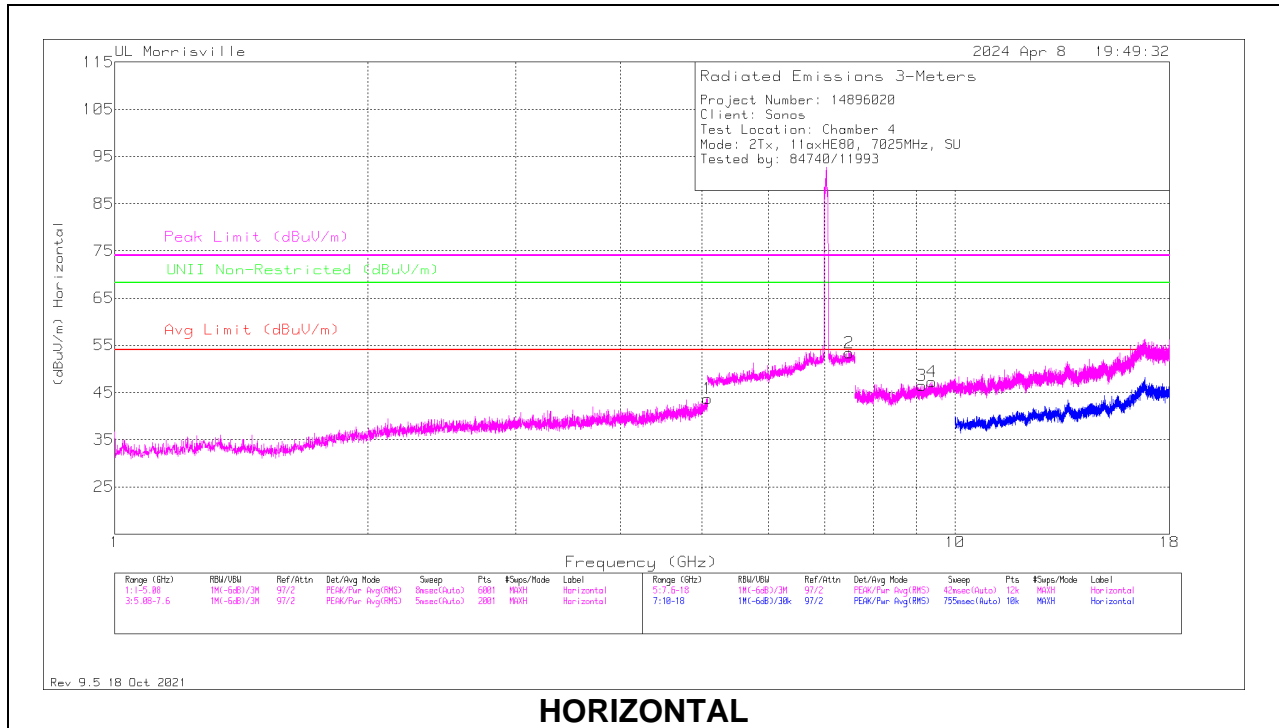


VERTICAL

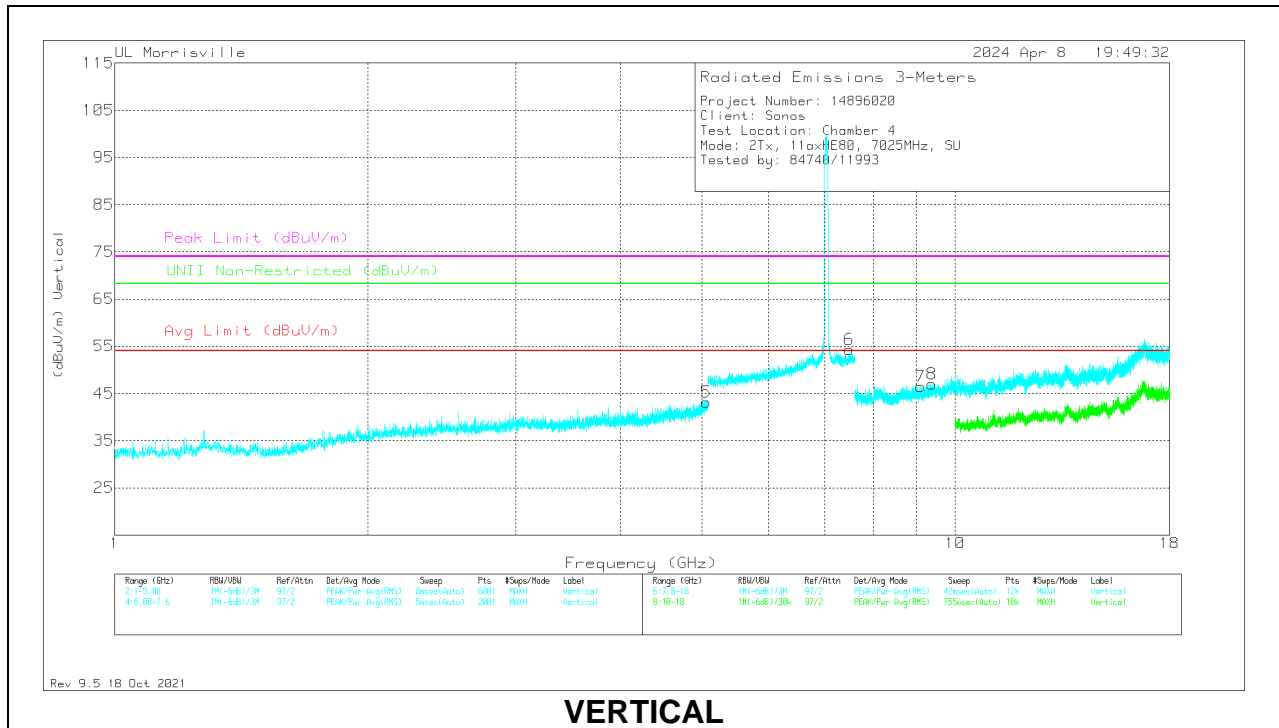
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	89509 ACF (dB/m)	Gain/Loss (dB)	Filter (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* ** 5.03716	40.88	Pk	34.1	-29.8	0	0	45.18	54	-8.82	74	-28.82	-	-	0-360	100	H
5	* ** 2.81016	44.78	Pk	32.5	-35.4	0	0	41.88	54	-12.12	74	-32.12	-	-	0-360	200	V
6	* ** 5.01336	41.09	Pk	34.1	-30.3	0	0	44.89	54	-9.11	74	-29.11	-	-	0-360	200	V
2	* ** 7.40627	25.66	PK-U	35.6	-6.7	0	0	54.56	-	-	74	-19.44	-	-	350	187	H
	* ** 7.40422	13.63	ADR	35.6	-6.7	0	2.37	44.9	54	-9.1	-	-	-	-	350	187	H
7	* ** 7.36378	25.51	PK-U	35.5	-6.8	0	0	54.21	-	-	74	-19.79	-	-	270	152	V
	* ** 7.36282	13.72	ADR	35.5	-6.8	0	2.37	44.79	54	-9.21	-	-	-	-	270	152	V
3	* ** 9.13053	35.86	Pk	36.3	-26	.4	0	46.56	54	-7.44	74	-27.44	-	-	0-360	100	H
4	* ** 9.329	36.32	Pk	36.5	-25.8	.4	0	47.42	54	-6.58	74	-26.58	-	-	0-360	100	H
8	* ** 9.1002	35.89	Pk	36.3	-25.9	.6	0	46.89	54	-7.11	74	-27.11	-	-	0-360	200	V
9	* ** 9.38273	36.16	Pk	36.6	-25.7	.3	0	47.36	54	-6.64	74	-26.64	-	-	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
 PK-U - Maximum Peak
 ADR - RMS average

HIGH CHANNEL



HORIZONTAL



VERTICAL

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)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	*** 5.07184	38.49	Pk	34.1	-28.9	0	0	43.69	54	-10.31	74	-30.31	-	-	0-360	100	H
5	*** 5.06096	37.89	Pk	34.1	-28.8	0	0	43.19	54	-10.81	74	-30.81	-	-	0-360	200	V
2	*** 7.48017	26.11	PK-U	35.6	-6.2	0	0	55.51	-	-	74	-18.49	-	-	191	380	H
	*** 7.47885	13.48	ADR	35.6	-6.1	0	2.37	45.35	54	-8.65	-	-	-	-	191	380	H
6	*** 7.47869	25.16	PK-U	35.6	-6.1	0	0	54.66	-	-	74	-19.34	-	-	258	244	V
	*** 7.47773	13.39	ADR	35.6	-6	0	2.37	45.36	54	-8.64	-	-	-	-	258	244	V
3	*** 9.13313	35.81	Pk	36.3	-26.1	.4	0	46.41	54	-7.59	74	-27.59	-	-	0-360	100	H
4	*** 9.38533	36.26	Pk	36.6	-25.9	.3	0	47.26	54	-6.74	74	-26.74	-	-	0-360	100	H
7	*** 9.10107	35.48	Pk	36.3	-25.9	.6	0	46.48	54	-7.52	74	-27.52	-	-	0-360	200	V
8	*** 9.38447	35.86	Pk	36.6	-25.8	.3	0	46.96	54	-7.04	74	-27.04	-	-	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

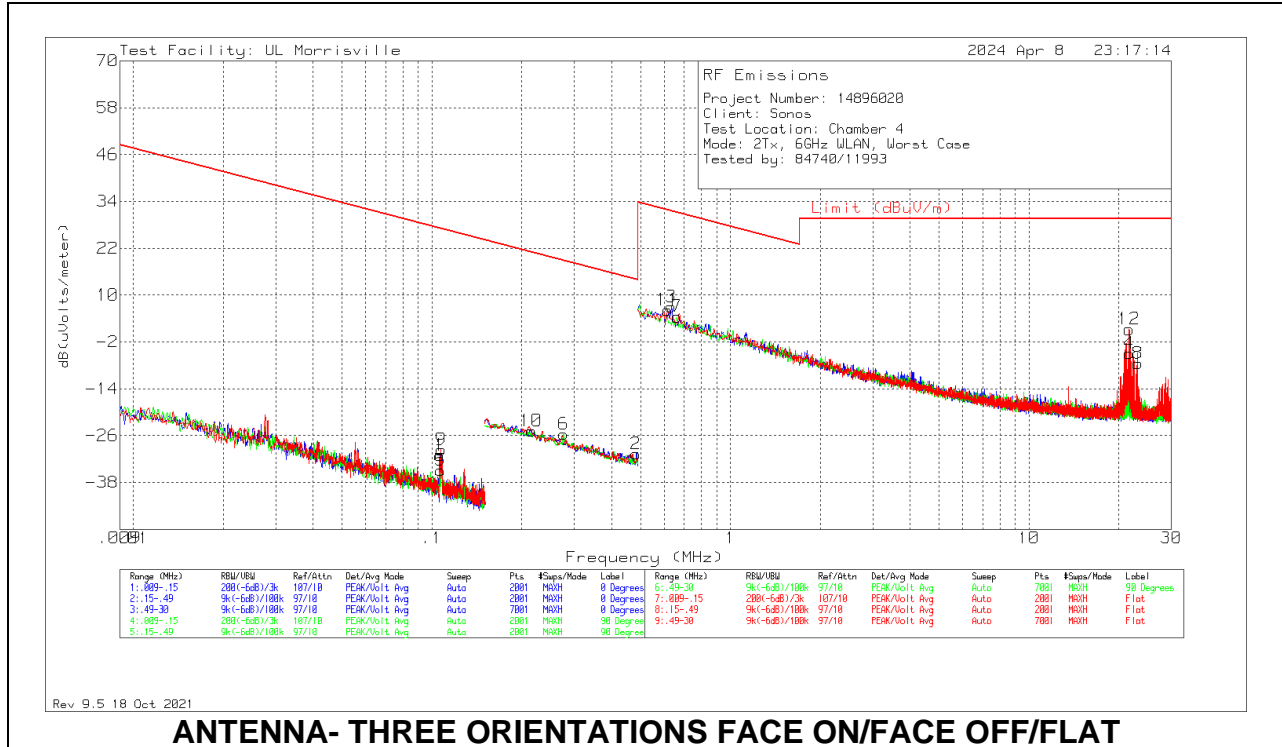
PK-U - Maximum Peak

ADR - RMS average

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).

10.2.1. SPURIOUS EMISSIONS BELOW 30 MHz (E-FIELD)

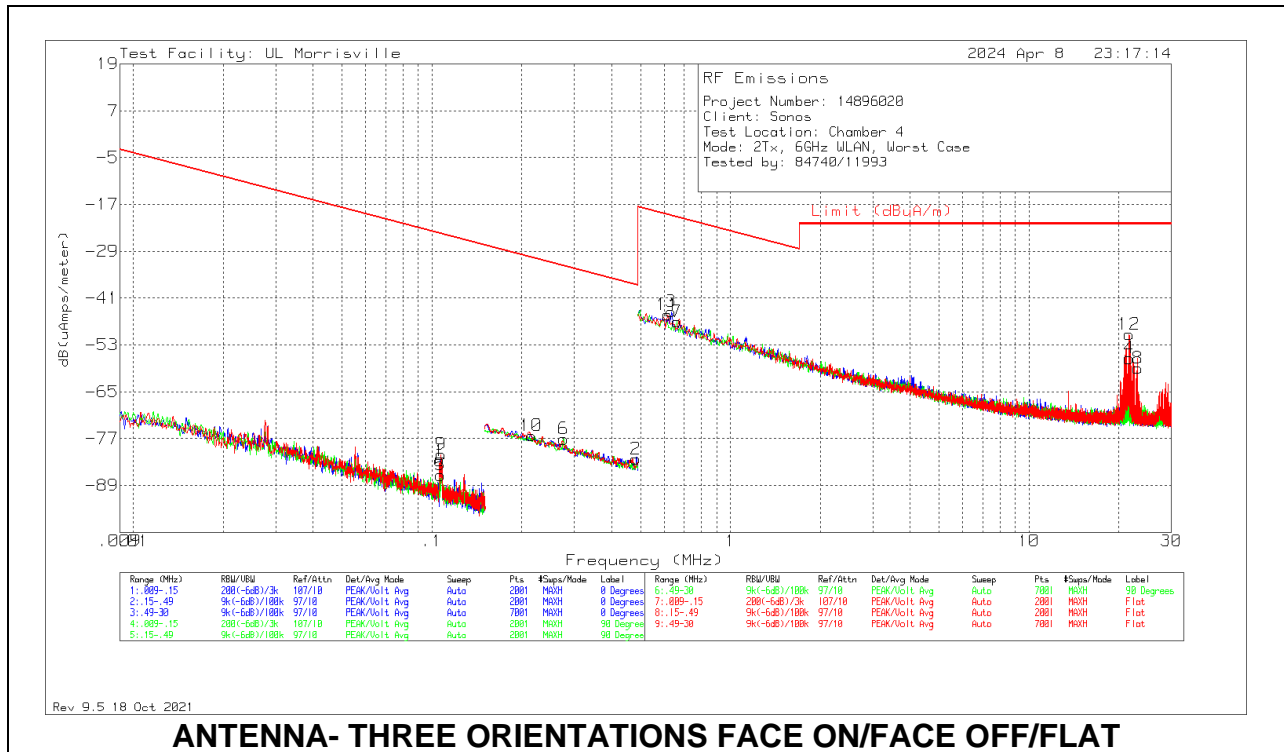


ANTENNA- THREE ORIENTATIONS FACE ON/FACE OFF/FLAT

Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	135144 (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	.10648	37.75	Pk	11.1	0	-80	-31.15	27.06	47.06	-58.21	0-360	0 degs
2	.48388	38.16	Pk	11	.1	-80	-30.74	13.91	-	-44.65	0-360	0 degs
3	.63334	35.7	Pk	11.2	.1	-40	7	31.57	-	-24.57	0-360	0 degs
4	21.66275	24.46	Pk	10	.6	-40	-4.94	29.54	-	-34.48	0-360	0 degs
5	.10698	33.99	Pk	11.1	0	-80	-34.91	27.02	47.02	-61.93	0-360	90 degs
6	.27648	43.15	Pk	11.1	.1	-80	-25.65	18.77	38.77	-44.42	0-360	90 degs
7	.66286	33.13	Pk	11.2	.1	-40	4.43	31.18	-	-26.75	0-360	90 degs
8	23.12992	22.19	Pk	9.7	.6	-40	-7.51	29.54	-	-37.05	0-360	90 degs
9	.10748	39.29	Pk	11.1	0	-80	-29.61	26.98	46.98	-56.59	0-360	Flat
10	.21562	44	Pk	11.1	.1	-80	-24.8	20.93	40.93	-45.73	0-360	Flat
11	.61648	34.87	Pk	11.2	.1	-40	6.17	31.81	-	-25.64	0-360	Flat
12	21.66275	30.6	Pk	10	.6	-40	1.2	29.54	-	-28.34	0-360	Flat

Pk - Peak detector

10.2.2. SPURIOUS EMISSIONS BELOW 30 MHz (H-FIELD)

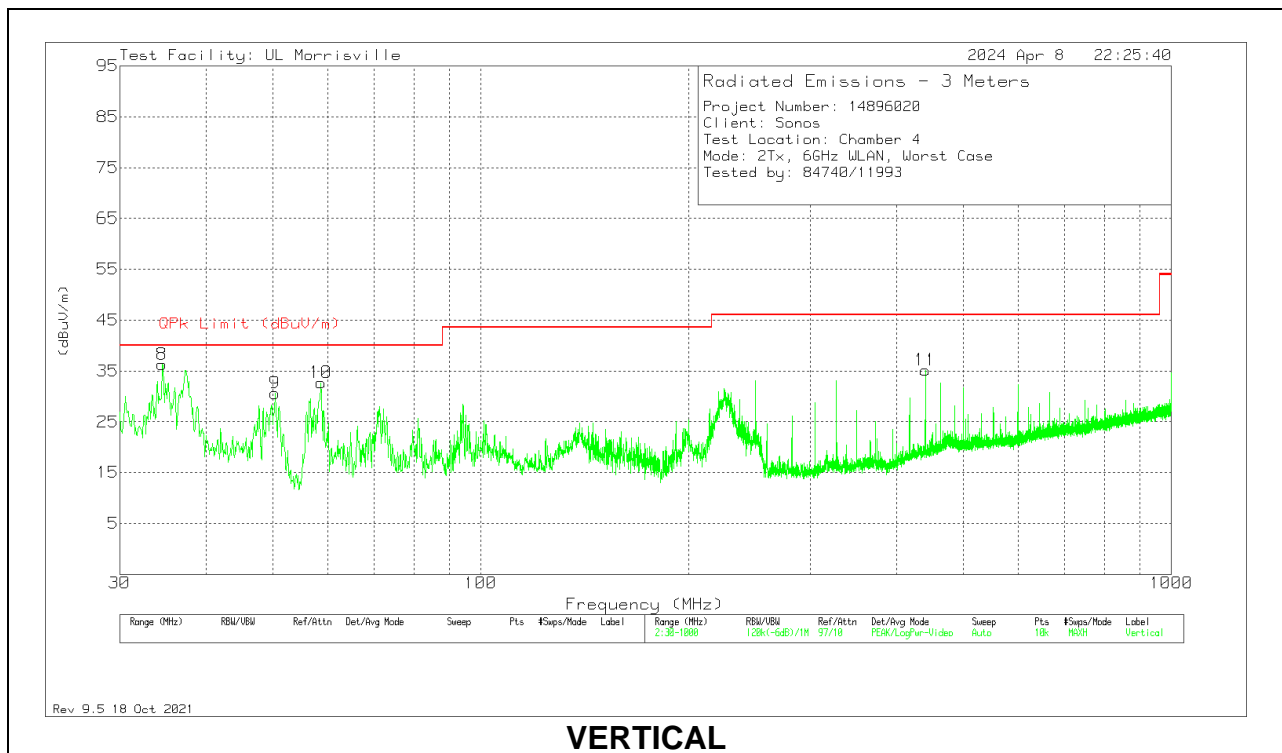
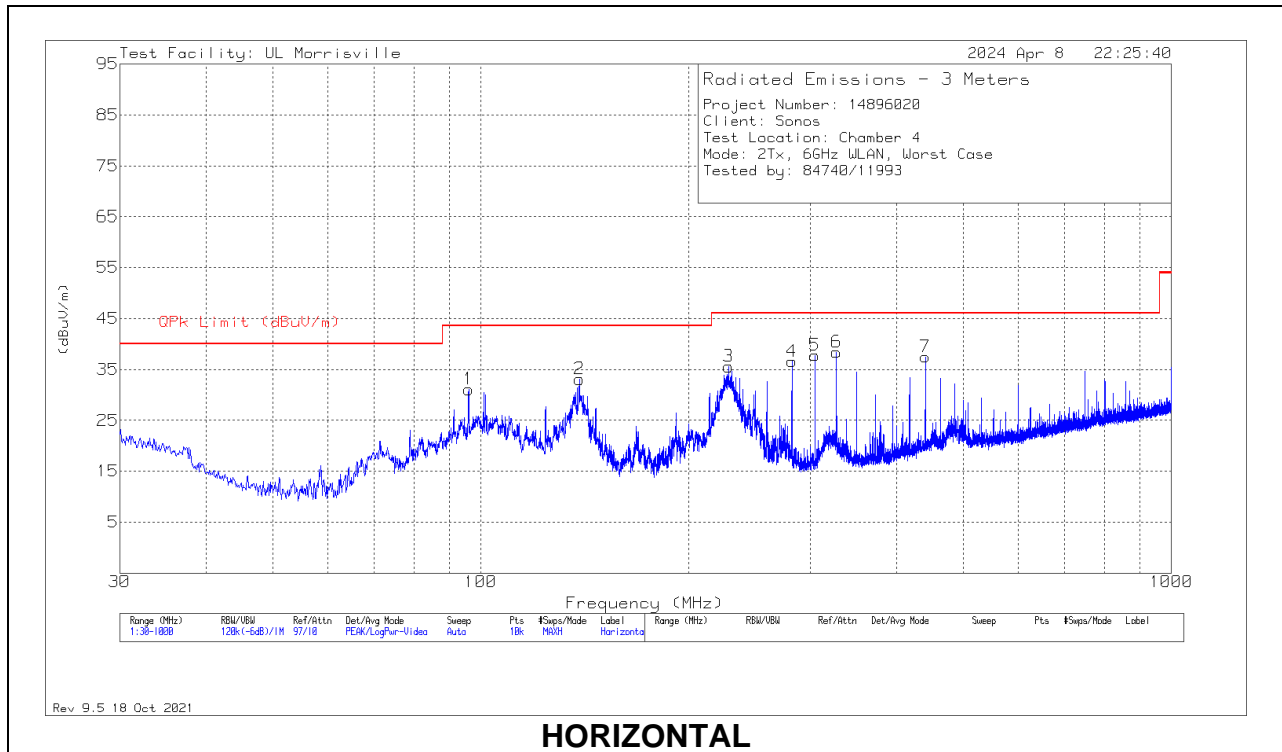


ANTENNA- THREE ORIENTATIONS FACE ON/FACE OFF/FLAT

Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	135144 (dBuV/m)	Gain/Loss (dB)	Dist. Corr. Factor (dB)	Corrected Reading dB(uAmps/meter)	QP/AV Limit (dBuA/m)	PK Limit (dBuV/m)	Margin (dB)	Azimuth (Degs)	Loop Angle
1	.10648	37.75	Pk	-40.4	0	-80	-82.65	-24.44	-4.44	-58.21	0-360	0 degs
2	.48388	38.16	Pk	-40.5	.1	-80	-82.24	-37.59	-	-44.65	0-360	0 degs
3	.63334	35.7	Pk	-40.3	.1	-40	-44.5	-19.93	-	-24.57	0-360	0 degs
4	21.66275	24.46	Pk	-41.5	.6	-40	-56.44	-21.96	-	-34.48	0-360	0 degs
5	.10698	33.99	Pk	-40.4	0	-80	-86.41	-24.48	-4.48	-61.93	0-360	90 degs
6	.27648	43.15	Pk	-40.4	.1	-80	-77.15	-32.73	-12.73	-44.42	0-360	90 degs
7	.66286	33.13	Pk	-40.3	.1	-40	-47.07	-20.32	-	-26.75	0-360	90 degs
8	23.12992	22.19	Pk	-41.8	.6	-40	-59.01	-21.96	-	-37.05	0-360	90 degs
9	.10748	39.29	Pk	-40.4	0	-80	-81.11	-24.52	-4.52	-56.59	0-360	Flat
10	.21562	44	Pk	-40.4	.1	-80	-76.3	-30.57	-10.57	-45.73	0-360	Flat
11	.61648	34.87	Pk	-40.3	.1	-40	-45.33	-19.69	-	-25.64	0-360	Flat
12	21.66275	30.6	Pk	-41.5	.6	-40	-50.3	-21.96	-	-28.34	0-360	Flat

Pk - Peak detector

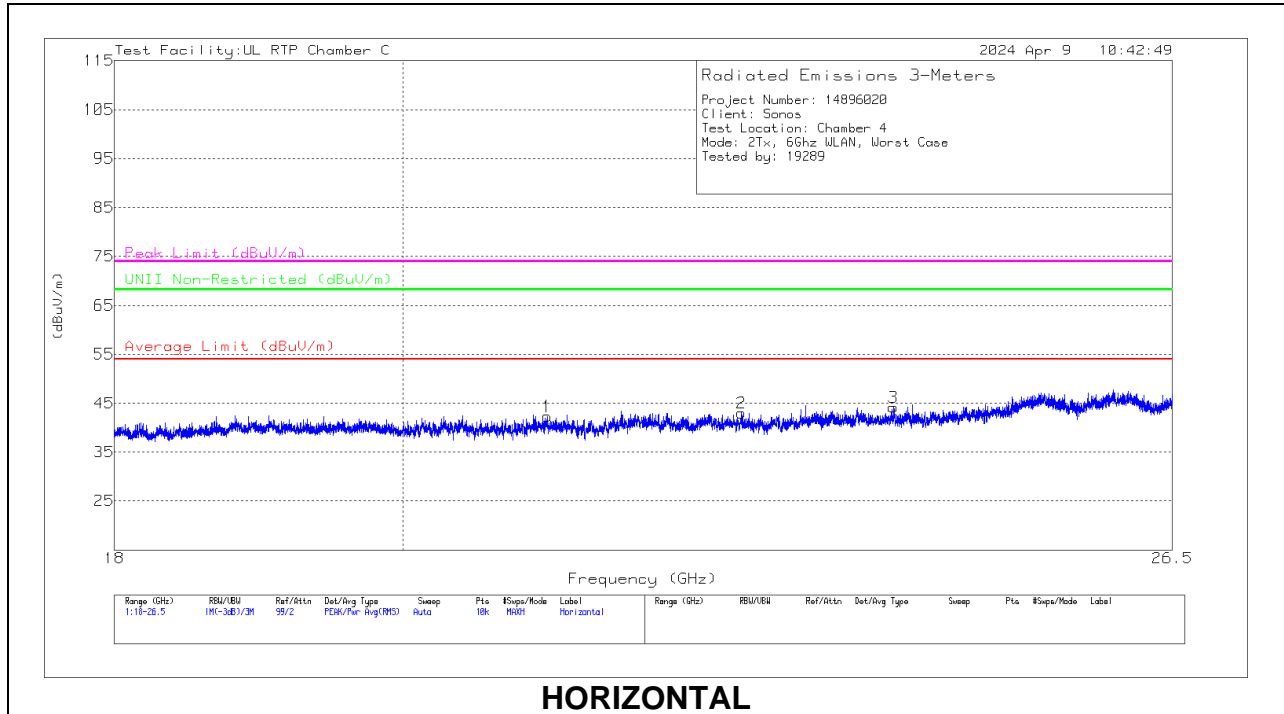
10.3. WORST CASE BELOW 1 GHZ



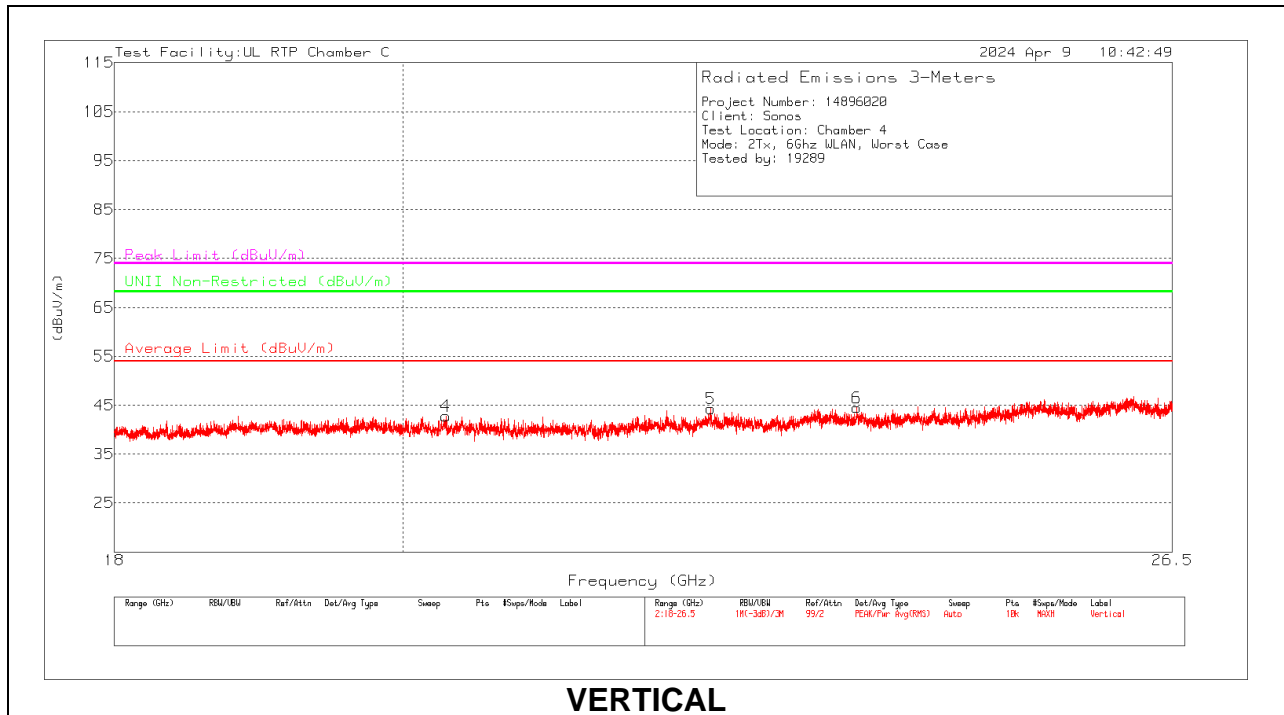
Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	90628 (dB/m)	Gain/Loss (dB)	Corrected Reading (dBuV/m)	QPk Limit (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
8	34.6381	43.54	Qp	23.8	-32.1	35.24	40	-4.76	201	104	V
9	50.37	48.4	Pk	14.1	-31.9	30.6	40	-9.4	0-360	100	V
10	58.712	50.77	Pk	13.7	-31.8	32.67	40	-7.33	0-360	100	V
1	96.057	47.19	Pk	15.4	-31.5	31.09	43.52	-12.43	0-360	200	H
2	139.028	45.01	Pk	19.3	-31.2	33.11	43.52	-10.41	0-360	100	H
3	228.656	49.28	Pk	17	-30.7	35.58	46.02	-10.44	0-360	100	H
4	282.2	47.48	Pk	19.5	-30.4	36.58	46.02	-9.44	0-360	100	H
5	304.801	48.39	Pk	19.7	-30.3	37.79	46.02	-8.23	0-360	100	H
6	327.402	48.5	Pk	20.1	-30.2	38.4	46.02	-7.62	0-360	100	H
7	440.31	44.59	Pk	22.7	-29.8	37.49	46.02	-8.53	0-360	100	H
11	440.31	42.23	Pk	22.7	-29.8	35.13	46.02	-10.89	0-360	100	V

Pk - Peak detector
 Qp - Quasi-Peak detector

10.4. WORST CASE 18-26.5 GHZ



HORIZONTAL

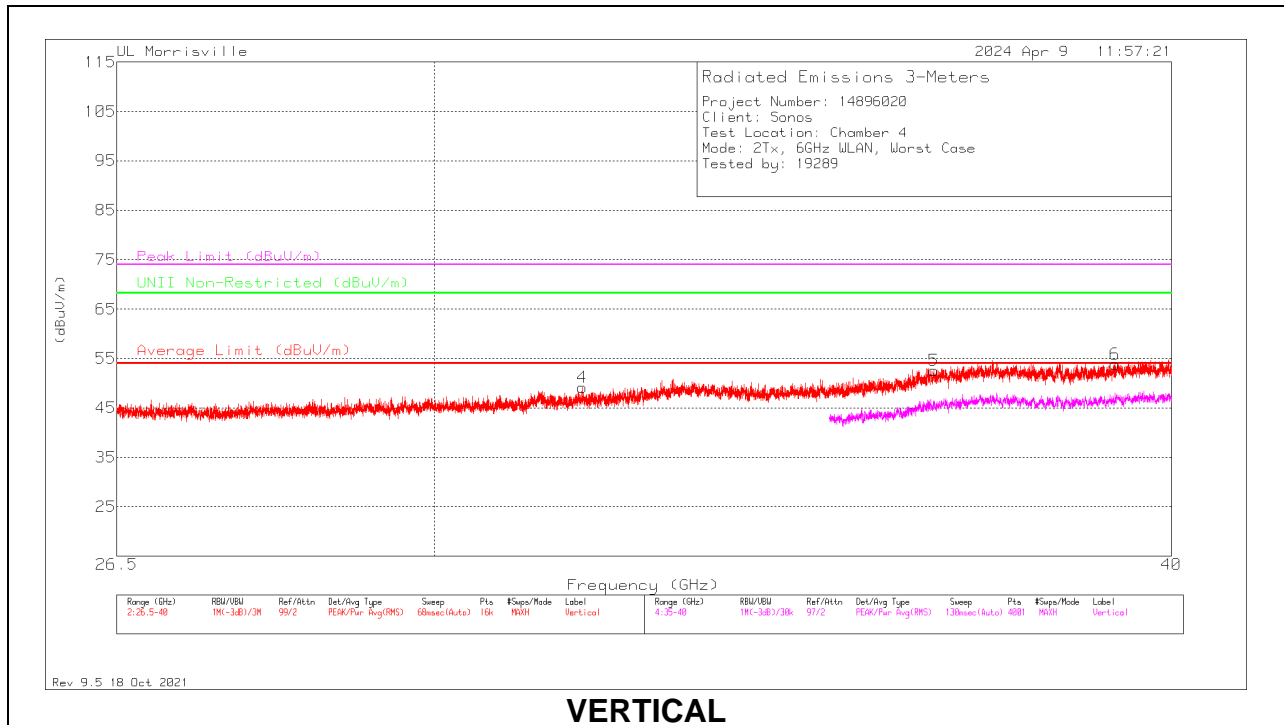
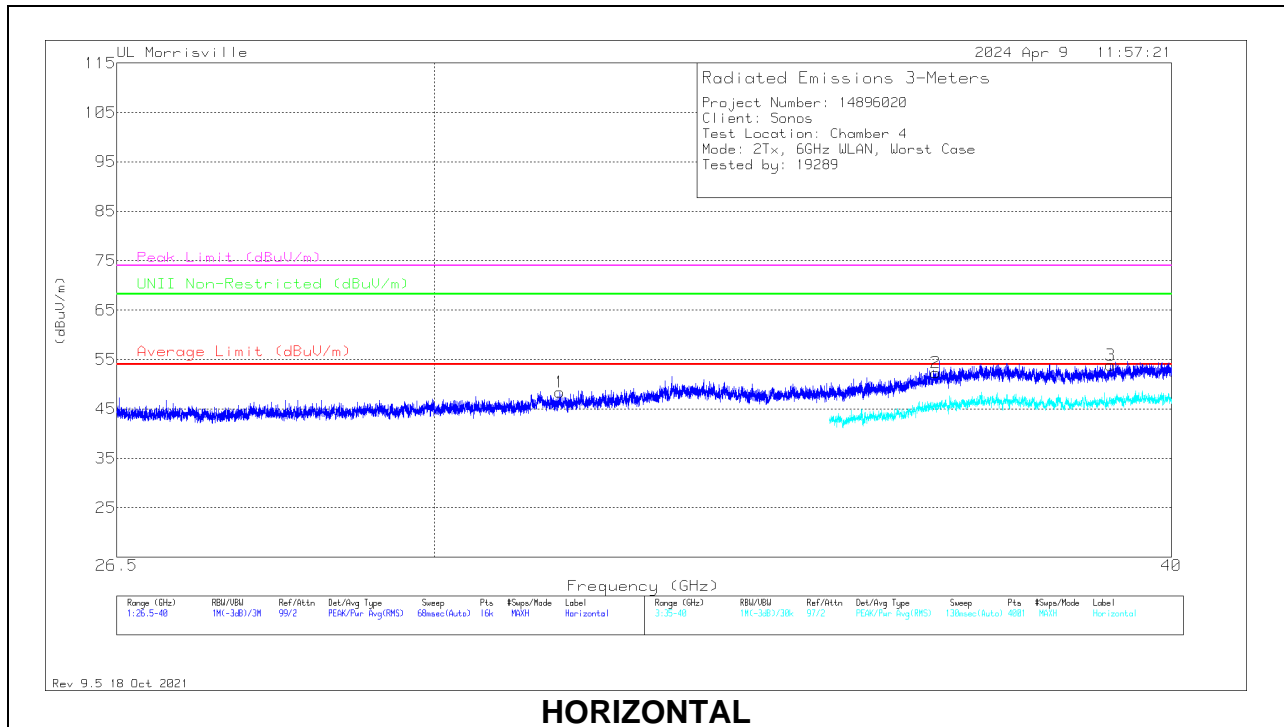


VERTICAL

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	204704 (dB/m)	Gain/Loss (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* ** 21.08604	47.79	Pk	33.7	-39.2	0	42.29	54	-11.71	74	-31.71	-	-	0-360	200	H
2	* ** 22.63714	46.8	Pk	34.2	-38	0	43	54	-11	74	-31	-	-	0-360	200	H
3	* ** 23.92986	46.27	Pk	34.4	-36.5	0	44.17	54	-9.83	74	-29.83	-	-	0-360	100	H
4	* ** 20.31772	48.47	Pk	33.6	-39.3	0	42.77	54	-11.23	74	-31.23	-	-	0-360	200	V
5	* ** 22.38556	49.02	Pk	34.1	-38.8	0	44.32	54	-9.68	74	-29.68	-	-	0-360	300	V
6	* ** 23.61114	46	Pk	34.6	-36.1	0	44.5	54	-9.5	74	-29.5	-	-	0-360	250	V

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

10.5. WORST CASE 26.5-40 GHZ



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	204705 (dB/m)	Gain/Loss (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarit y
1	* ** 31.50625	44.47	PK-U	36.7	-31.5	0	49.67	-	-	74	-24.33	-	-	246	368	H
	* ** 31.50642	31.72	ADR	36.7	-31.5	2.37	39.29	54	-14.71	-	-	-	-	246	368	H
2	* ** 36.48491	49.38	PK-U	37.9	-33.7	0	53.58	-	-	74	-20.42	-	-	259	240	H
	* ** 36.48753	37.34	ADR	37.9	-34	2.37	43.61	54	-10.39	-	-	-	-	259	240	H
3	* ** 39.05955	47.2	PK-U	38.5	-31.7	0	54	-	-	74	-20	-	-	259	240	H
	* ** 39.05901	35.72	ADR	38.5	-31.7	2.37	44.89	54	-9.11	-	-	-	-	259	240	H
4	* ** 31.77683	44.67	PK-U	37.1	-31.4	0	50.37	-	-	74	-23.63	-	-	284	278	V
	* ** 31.7799	32.28	ADR	37.1	-31.5	2.37	40.25	54	-13.75	-	-	-	-	284	278	V
5	* ** 36.45571	49.28	PK-U	37.9	-33.2	0	53.98	-	-	74	-20.02	-	-	256	312	V
	* ** 36.45597	36.63	ADR	37.9	-33.2	2.37	43.7	54	-10.3	-	-	-	-	256	312	V
6	* ** 39.12456	47.64	PK-U	38.6	-31.7	0	54.54	-	-	74	-19.46	-	-	198	328	V
	* ** 39.12391	35.59	ADR	38.6	-31.7	2.37	44.86	54	-9.14	-	-	-	-	198	328	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

11. AC POWER LINE CONDUCTED EMISSIONS

LIMITS

FCC §15.207 (a)
RSS-Gen 8.8

Frequency of Emission (MHz)	Conducted Limit (dB μ V)	
	Quasi-peak	Average
0.15-0.5	66 to 56 *	56 to 46 *
0.5-5	56	46
5-30	60	50

*Decreases with the logarithm of the frequency.

TEST PROCEDURE

The EUT is placed on a non-conducting table 40 cm from the vertical ground plane and 80 cm above the horizontal ground plane. The EUT is configured in accordance with ANSI C63.10.

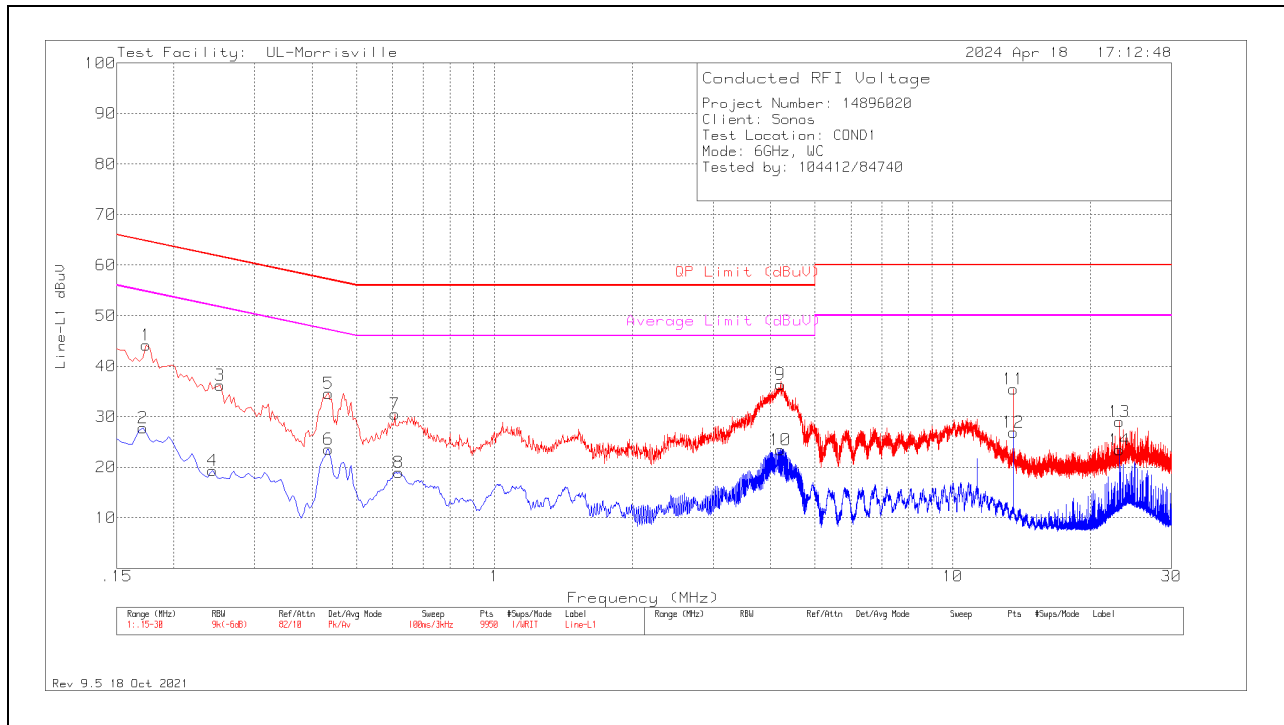
The receiver is set to a resolution bandwidth of 9 kHz. Peak detection is used unless otherwise noted as quasi-peak or average.

Line conducted data is recorded for both lines.

RESULTS

11.1. AC POWER LINE NORM

LINE 1 RESULTS

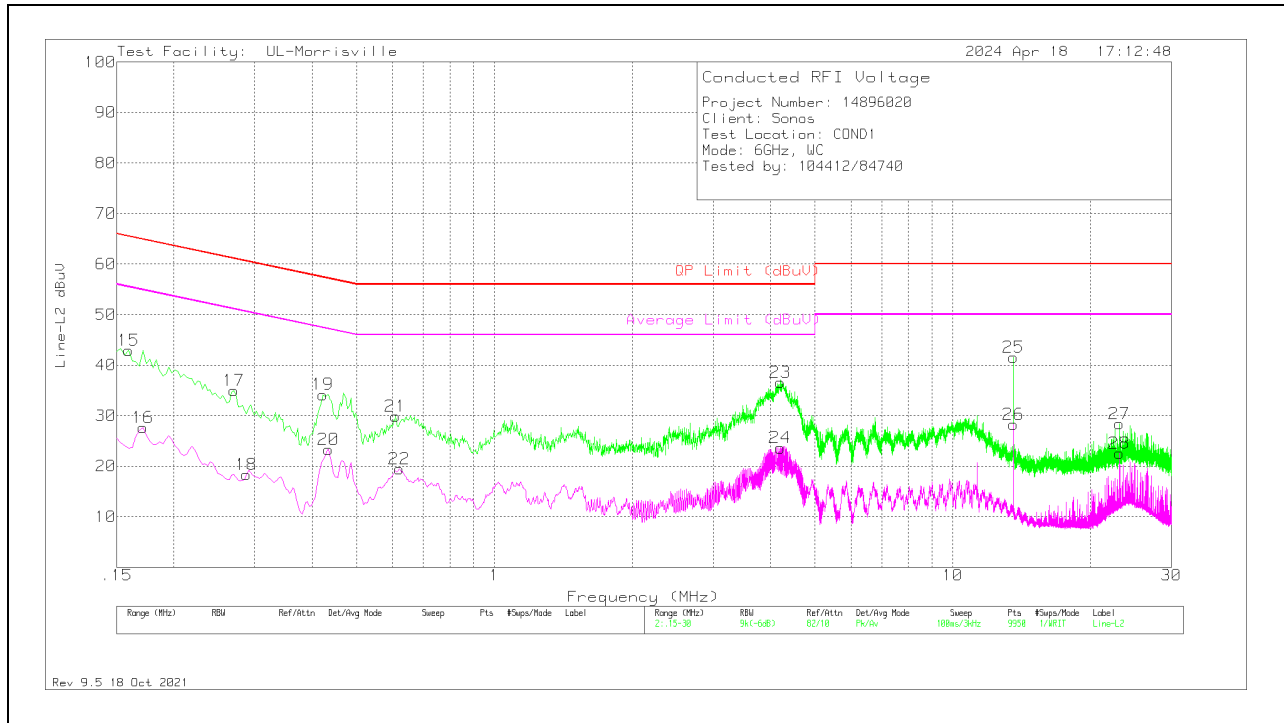


Range 1: Line-L1 .15 - 30MHz

Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	LISN VDF (dB)	Cbl/Limiter (dB)	Corrected Reading dBuV	QP Limit (dBuV)	Margin (dB)	Average Limit (dBuV)	Margin (dB)
1	.174	34.01	Pk	.3	9.8	44.11	64.77	-20.66	-	-
2	.171	17.7	Av	.3	9.8	27.8	-	-	54.91	-27.11
3	.252	26.19	Pk	.2	9.8	36.19	61.69	-25.5	-	-
4	.243	9.33	Av	.2	9.8	19.33	-	-	51.99	-32.66
5	.435	24.65	Pk	.1	9.8	34.55	57.16	-22.61	-	-
6	.435	13.65	Av	.1	9.8	23.55	-	-	47.16	-23.61
7	.606	20.65	Pk	.1	9.8	30.55	56	-25.45	-	-
8	.618	9.07	Av	.1	9.8	18.97	-	-	46	-27.03
9	4.2	26.4	Pk	.1	9.9	36.4	56	-19.6	-	-
10	4.2	13.43	Av	.1	9.9	23.43	-	-	46	-22.57
11	13.563	25.32	Pk	.2	10	35.52	60	-24.48	-	-
12	13.56	16.7	Av	.2	10	26.9	-	-	50	-23.1
13	23.13	18.48	Pk	.3	10.2	28.98	60	-31.02	-	-
14	23.13	12.89	Av	.3	10.2	23.39	-	-	50	-26.61

Pk - Peak detector
 Av - Average detection

LINE 2 RESULTS



Range 2: Line-L2 .15 - 30MHz

Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	LISN VDF (dB)	Cbl/Limiter (dB)	Corrected Reading dBuV	QP Limit (dBuV)	Margin (dB)	Average Limit (dBuV)	Margin (dB)
15	.159	32.81	Pk	.3	9.8	42.91	65.52	-22.61	-	-
16	.171	17.54	Av	.3	9.8	27.64	-	-	54.91	-27.27
17	.27	24.97	Pk	.2	9.8	34.97	61.12	-26.15	-	-
18	.288	8.32	Av	.2	9.8	18.32	-	-	50.58	-32.26
19	.423	24.27	Pk	.1	9.8	34.17	57.39	-23.22	-	-
20	.435	13.35	Av	.1	9.8	23.25	-	-	47.16	-23.91
21	.609	19.99	Pk	.1	9.8	29.89	56	-26.11	-	-
22	.621	9.58	Av	.1	9.8	19.48	-	-	46	-26.52
23	4.206	26.59	Pk	.1	9.9	36.59	56	-19.41	-	-
24	4.2	13.62	Av	.1	9.9	23.62	-	-	46	-22.38
25	13.56	31.33	Pk	.2	10	41.53	60	-18.47	-	-
26	13.56	18.07	Av	.2	10	28.27	-	-	50	-21.73
27	23.13	17.9	Pk	.3	10.2	28.4	60	-31.6	-	-
28	23.13	12.06	Av	.3	10.2	22.56	-	-	50	-27.44

Pk - Peak detector
 Av - Average detection

12. SETUP PHOTOS

Please refer to R14896020-EP1 for setup photos

END OF TEST REPORT