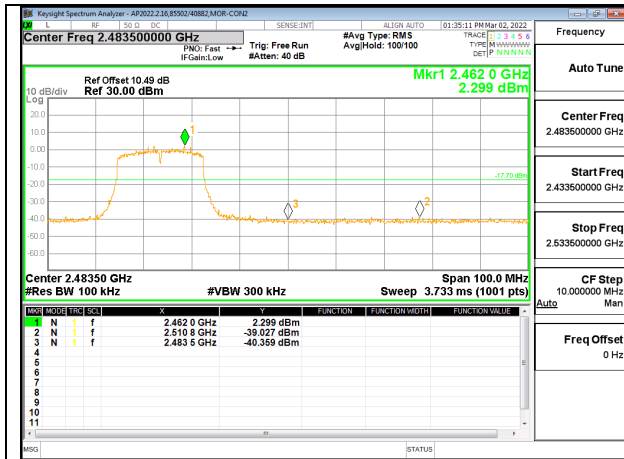


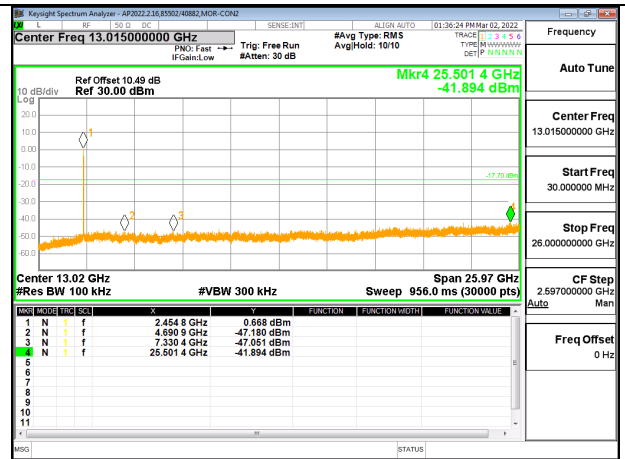
9.5.3. 802.11n HT20 MODE

2TX Chain 0 + Chain 1 CDD MODE

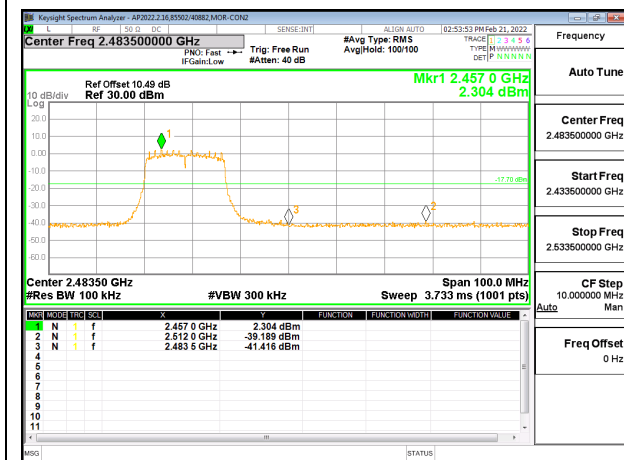




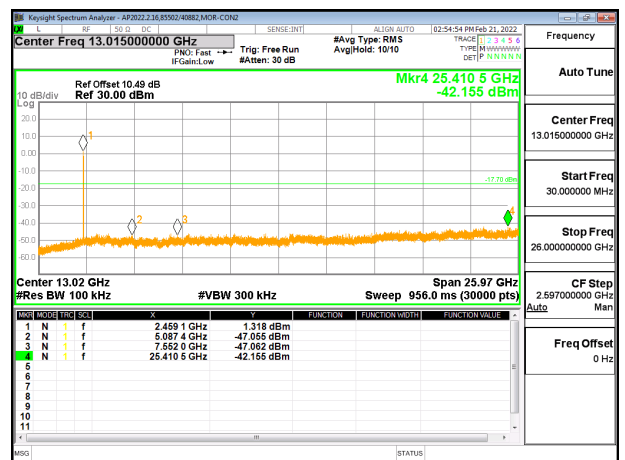
HIGH CHANNEL 10 BANDEDGE CHAIN 0



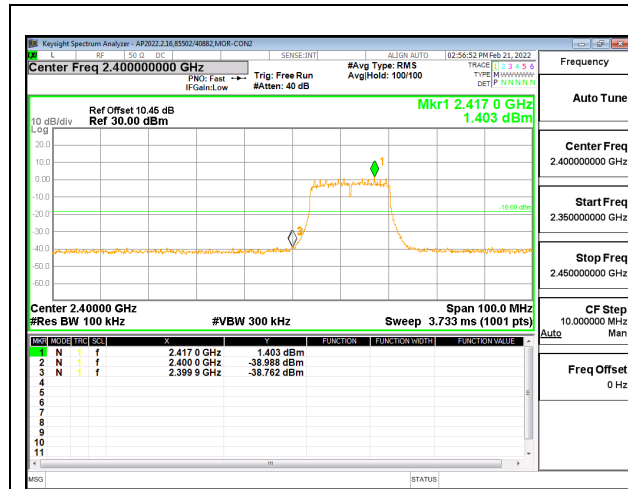
OUT-OF-BAND HIGH CHANNEL 10 CHAIN 0



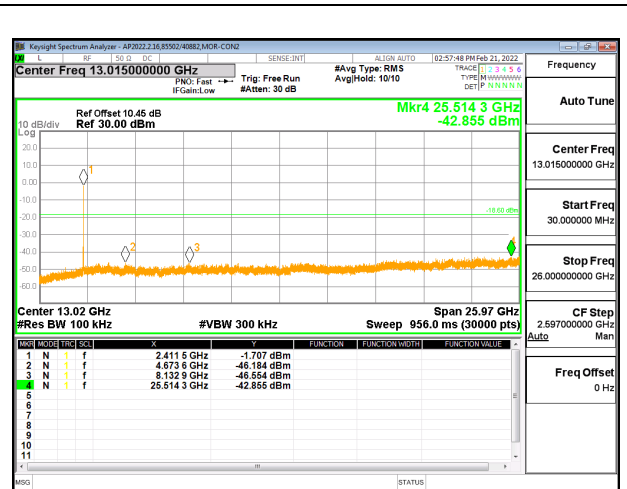
HIGH CHANNEL 11 BANDEDGE CHAIN 0



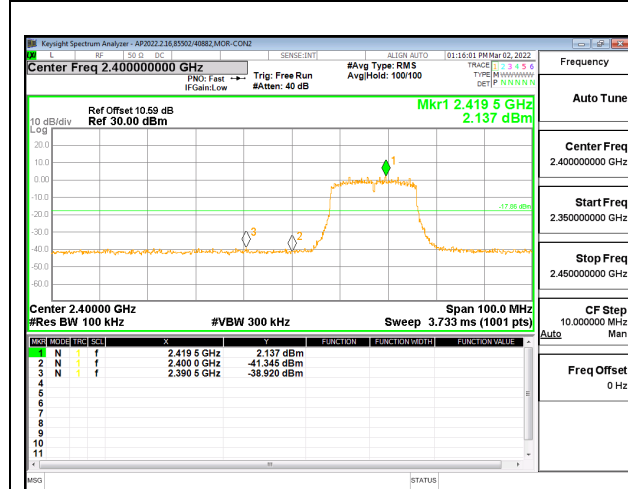
OUT-OF-BAND HIGH CHANNEL 11 CHAIN 0



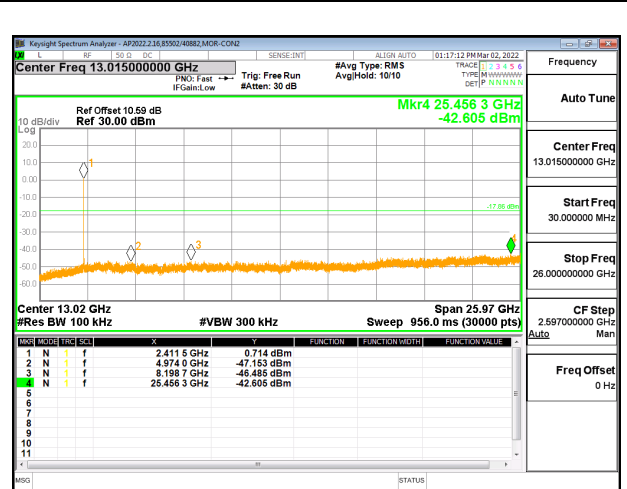
LOW CHANNEL 1 BANDEDGE CHAIN 1



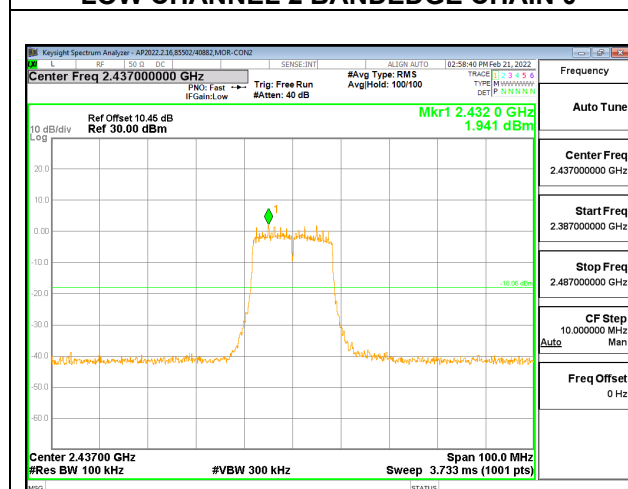
OUT-OF-BAND LOW CHANNEL 1 CHAIN 1



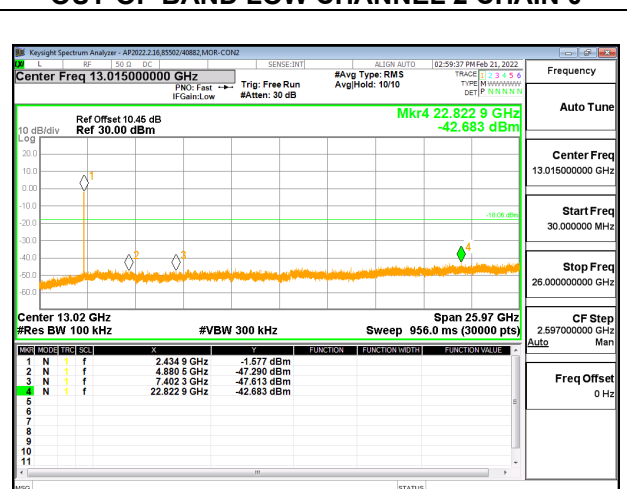
LOW CHANNEL 2 BANDEDGE CHAIN 0



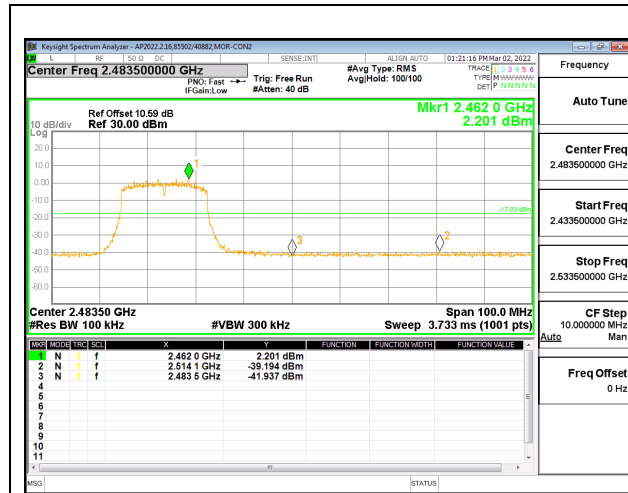
OUT-OF-BAND LOW CHANNEL 2 CHAIN 0



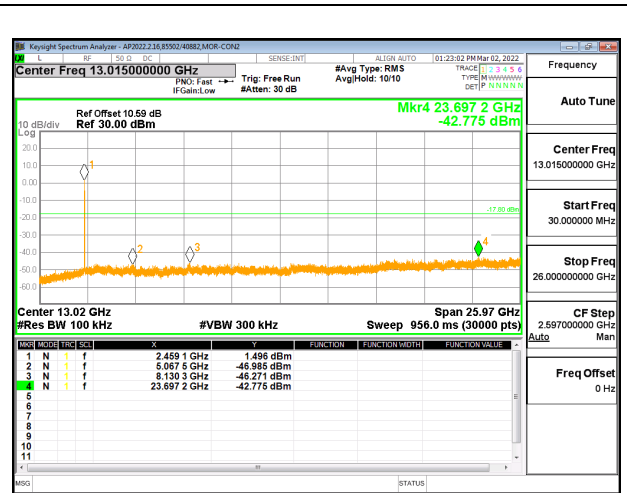
IN-BAND REFERENCE LEVEL CHAIN 1



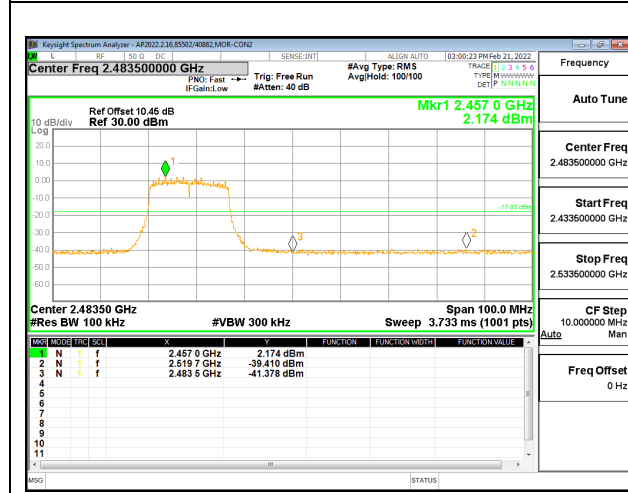
OUT-OF-BAND MID CHANNEL CHAIN 1



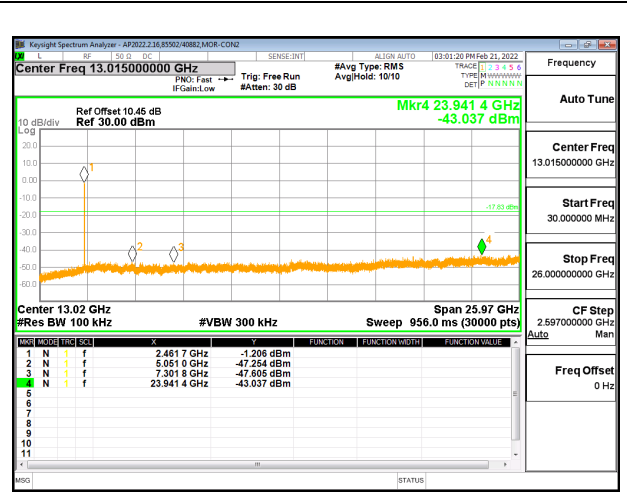
HIGH CHANNEL 10 BANDEDGE CHAIN 0



OUT-OF-BAND HIGH CHANNEL 10 CHAIN 0



HIGH CHANNEL 11 BANDEDGE CHAIN 1



OUT-OF-BAND HIGH CHANNEL 11 CHAIN 1

10. RADIATED TEST RESULTS

LIMITS

FCC §15.205 and §15.209

Frequency Range (MHz)	Field Strength Limit (uV/m) at 3 m	Field Strength Limit (dBuV/m) at 3 m
0.009-0.490	2400/F(kHz) @ 300 m	-
0.490-1.705	24000/F(kHz) @ 30 m	-
1.705 - 30	30 @ 30m	-
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 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 pre-scans above 1 GHz the resolution bandwidth is set to 1 MHz; the video bandwidth is set to 3 MHz 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 linear voltage averaging measurements.

The spectrum from 1 GHz to 18 GHz is investigated with the transmitter set to the lowest, middle, and highest channels in each applicable band. Below 1GHz and above 18GHz emissions, the channel with the highest output power was tested.

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.

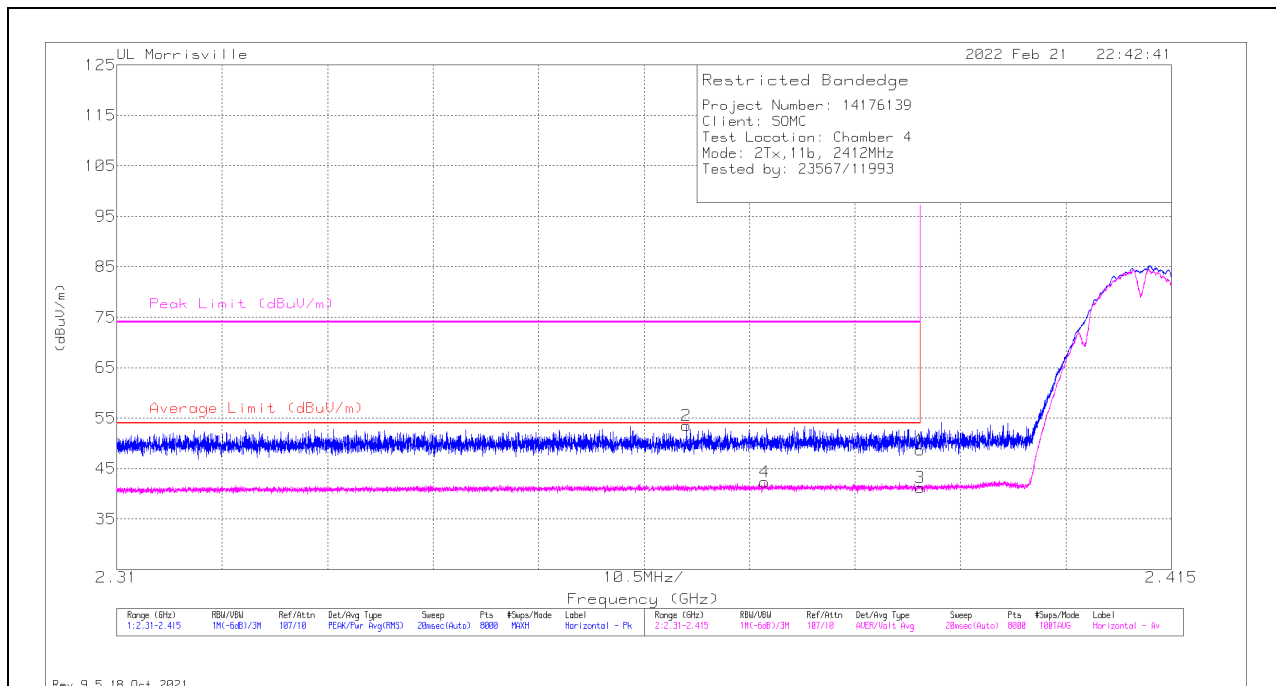
10.1. TRANSMITTER ABOVE 1 GHz

10.1.1. TX ABOVE 1 GHz 802.11b MODE IN THE 2.4 GHz BAND

2TX Chain 0 + Chain 1 MODE

BANDEDGE (LOW CHANNEL, CH 1)

HORIZONTAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	206211 (dB/m)	Amp/Cbl/Filtr/Pad (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	*** 2.39	30.53	Pk	32	-13.8	48.73	-	-	74	-25.27	344	243	H
2	*** 2.36673	35.47	Pk	32	-13.9	53.57	-	-	74	-20.43	344	243	H
3	*** 2.39	23.01	ADV	32	-13.8	41.21	54	-12.79	-	-	344	243	H
4	*** 2.37448	24.24	ADV	32	-13.9	42.34	54	-11.66	-	-	344	243	H

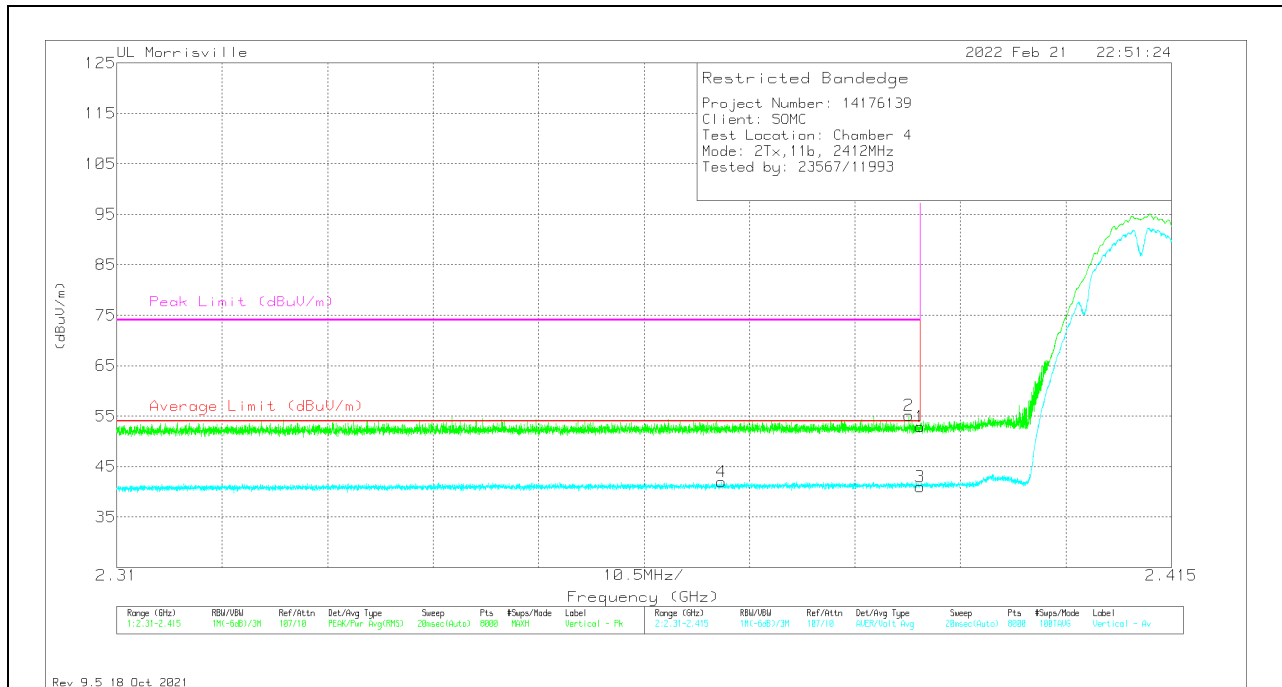
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

** - indicates frequency in Taiwan NCC LP0002 Restricted Band

Pk - Peak detector

ADV - Linear Voltage Average

VERTICAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	206211 (dB/m)	Amp/Cbl/Ftr/Pad (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* ** 2.39	34.7	Pk	32	-13.8	52.9	-	-	74	-21.1	44	227	V
2	* ** 2.38885	36.96	Pk	32	-13.8	55.16	-	-	74	-18.84	44	227	V
3	* ** 2.39	22.78	ADV	32	-13.8	40.98	54	-13.02	-	-	44	227	V
4	* ** 2.37019	23.86	ADV	32	-13.9	41.96	54	-12.04	-	-	44	227	V

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

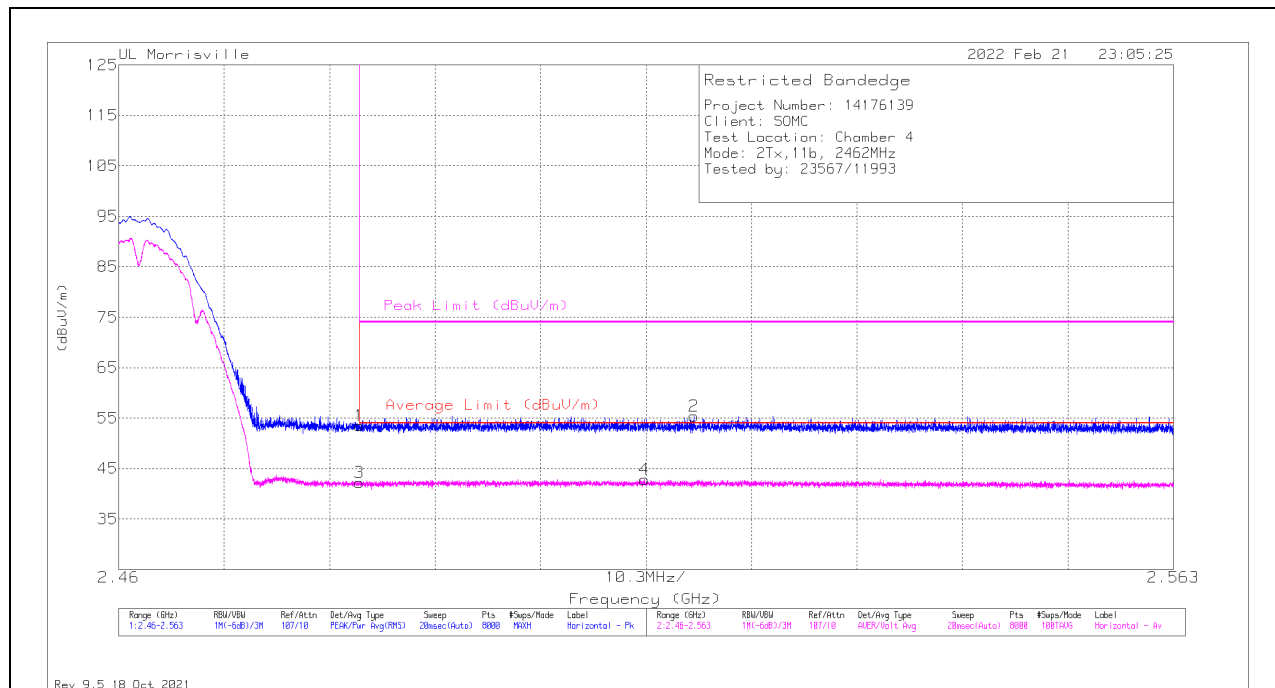
** - indicates frequency in Taiwan NCC LP0002 Restricted Band

Pk - Peak detector

ADV - Linear Voltage Average

BANDEDGE (HIGH CHANNEL, CH 11)

HORIZONTAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	206211 (dB/m)	Amp/Cbl/Filtr/Pad (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	*** 2.4835	34.65	Pk	32.6	-13.7	53.55	-	-	74	-20.45	104	203	H
2	** 2.51616	36.52	Pk	32.6	-13.7	55.42	-	-	74	-18.58	104	203	H
3	*** 2.4835	23.29	ADV	32.6	-13.7	42.19	54	-11.81	-	-	104	203	H
4	** 2.51135	23.98	ADV	32.5	-13.6	42.88	54	-11.12	-	-	104	203	H

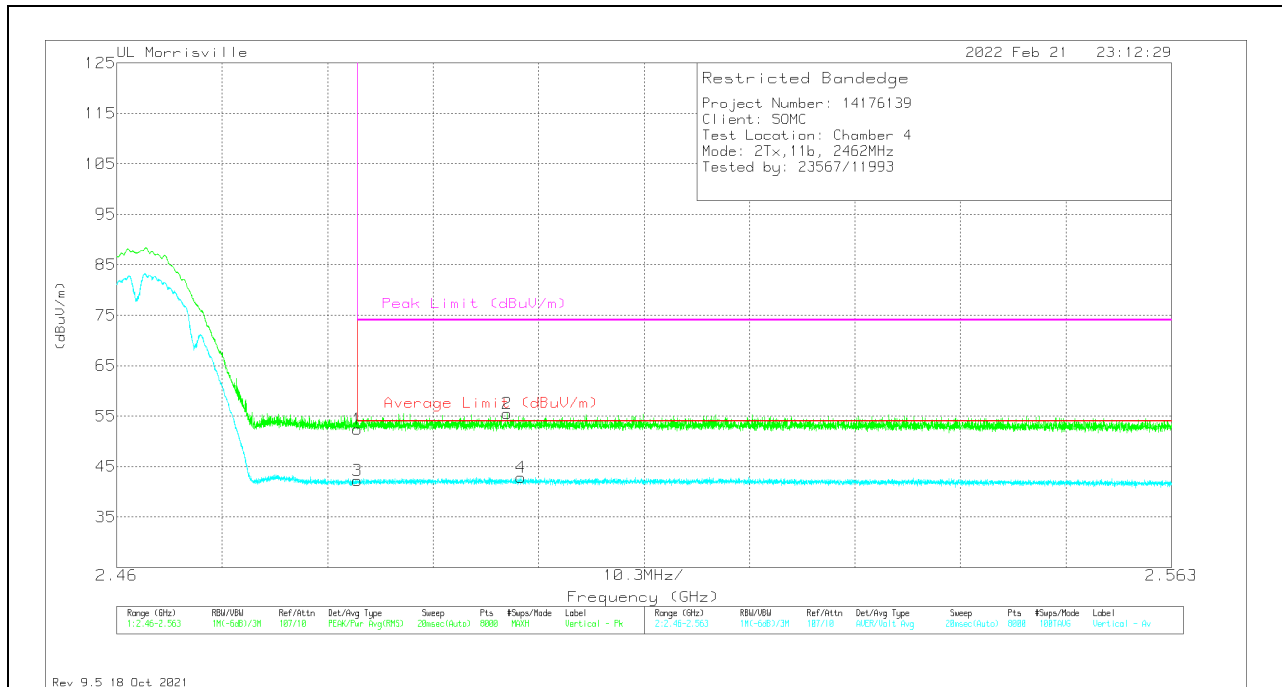
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

** - indicates frequency in Taiwan NCC LP0002 Restricted Band

Pk - Peak detector

ADV - Linear Voltage Average

VERTICAL RESULT

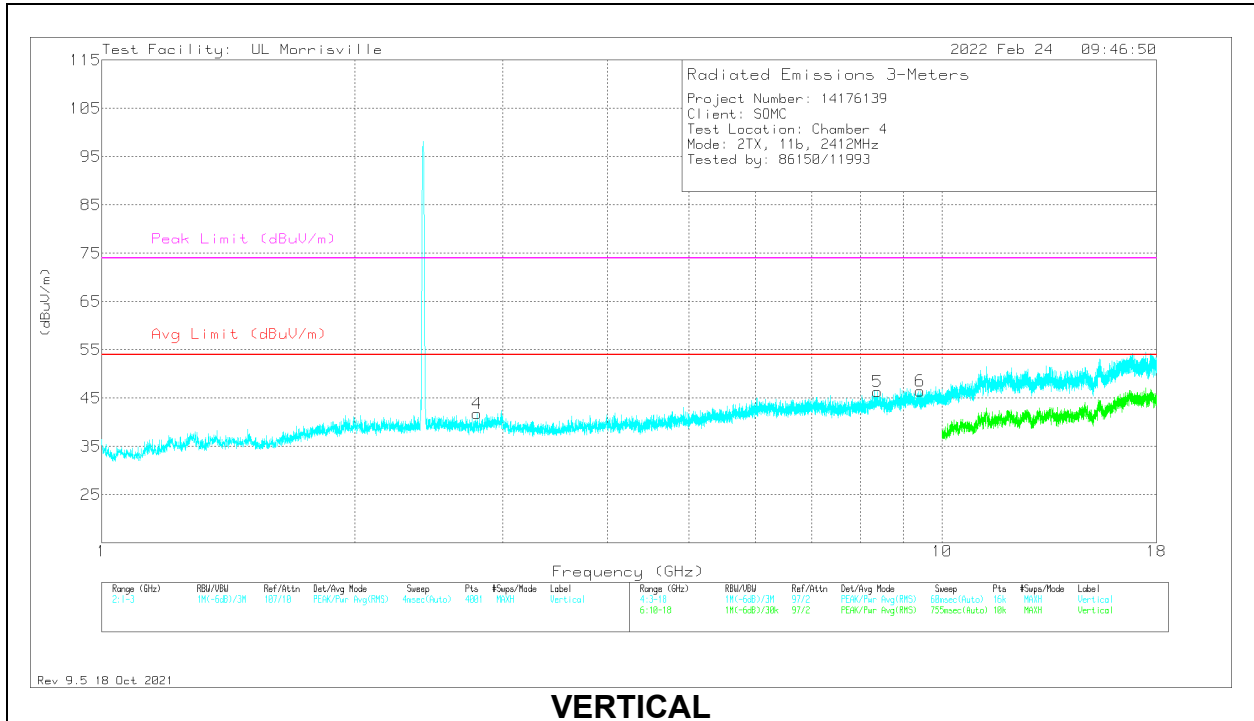
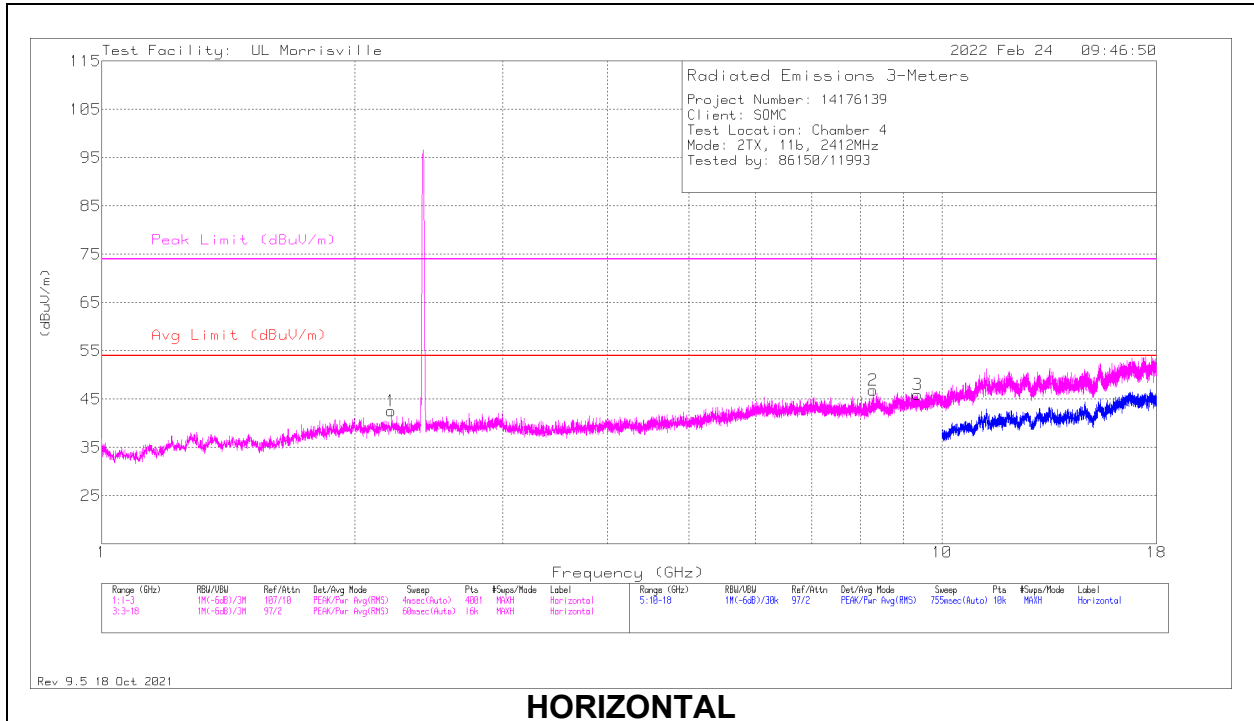


Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	206211 (dB/m)	Amp/Cbl/Filtr/Pad (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	*** 2.4835	33.49	Pk	32.6	-13.7	52.39	-	-	74	-21.61	231	157	V
2	*** 2.49813	36.65	Pk	32.6	-13.7	55.55	-	-	74	-18.45	231	157	V
3	*** 2.4835	23.32	ADV	32.6	-13.7	42.22	54	-11.78	-	-	231	157	V
4	*** 2.49946	23.99	ADV	32.6	-13.7	42.89	54	-11.11	-	-	231	157	V

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

HARMONICS AND SPURIOUS EMISSIONS

LOW CHANNEL, CH 1 RESULTS



RADIATED EMISSIONS

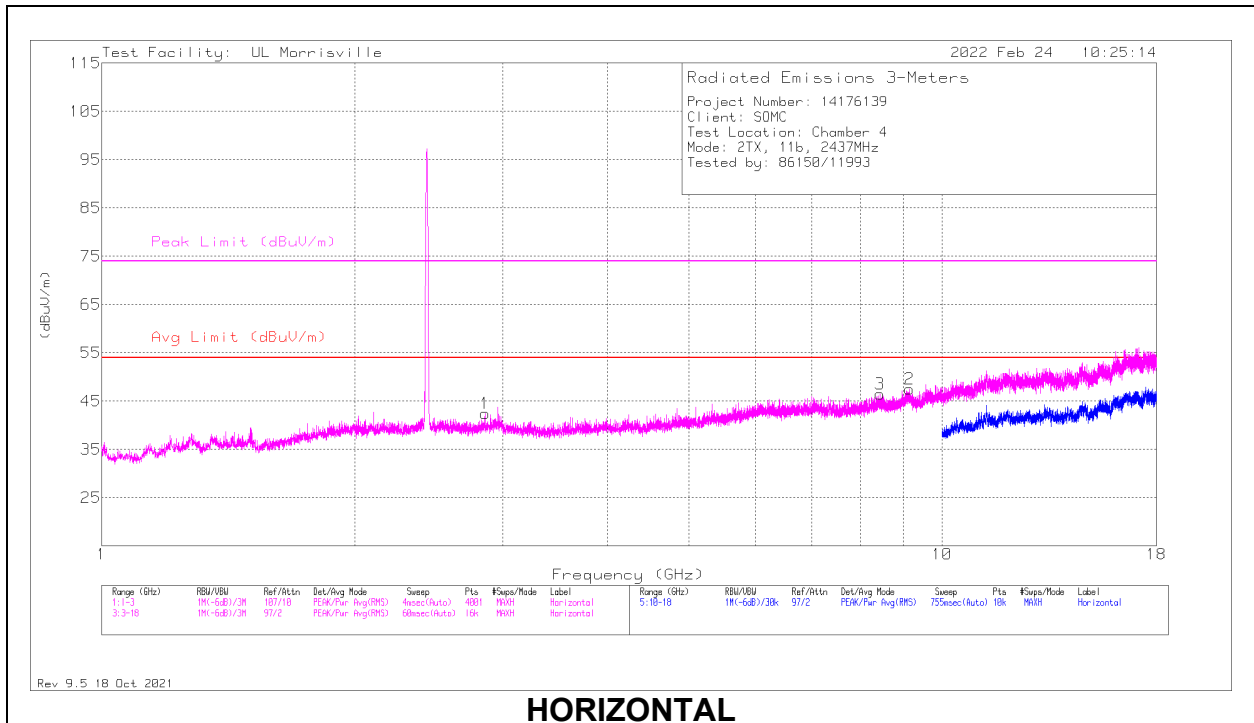
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AT0072 (dB/m)	Amp/Cbl/Filtr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
2	* ** 8.27531	38.46	Pk	35.9	-27.5	46.86	54	-7.14	74	-27.14	0-360	199	H
5	* ** 8.38313	36.9	Pk	35.8	-26.4	46.3	54	-7.7	74	-27.7	0-360	199	V
3	* ** 9.35156	35.12	Pk	36.5	-25.7	45.92	54	-8.08	74	-28.08	0-360	199	H
6	* ** 9.41906	35.92	Pk	36.6	-26	46.52	54	-7.48	74	-27.48	0-360	199	V
1	* ** 2.21	34.05	Pk	32	-23.5	42.55	54	-11.45	74	-31.45	0-360	200	H
4	* ** 2.796	35.28	Pk	32.4	-25.9	41.78	54	-12.22	74	-32.22	0-360	200	V

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

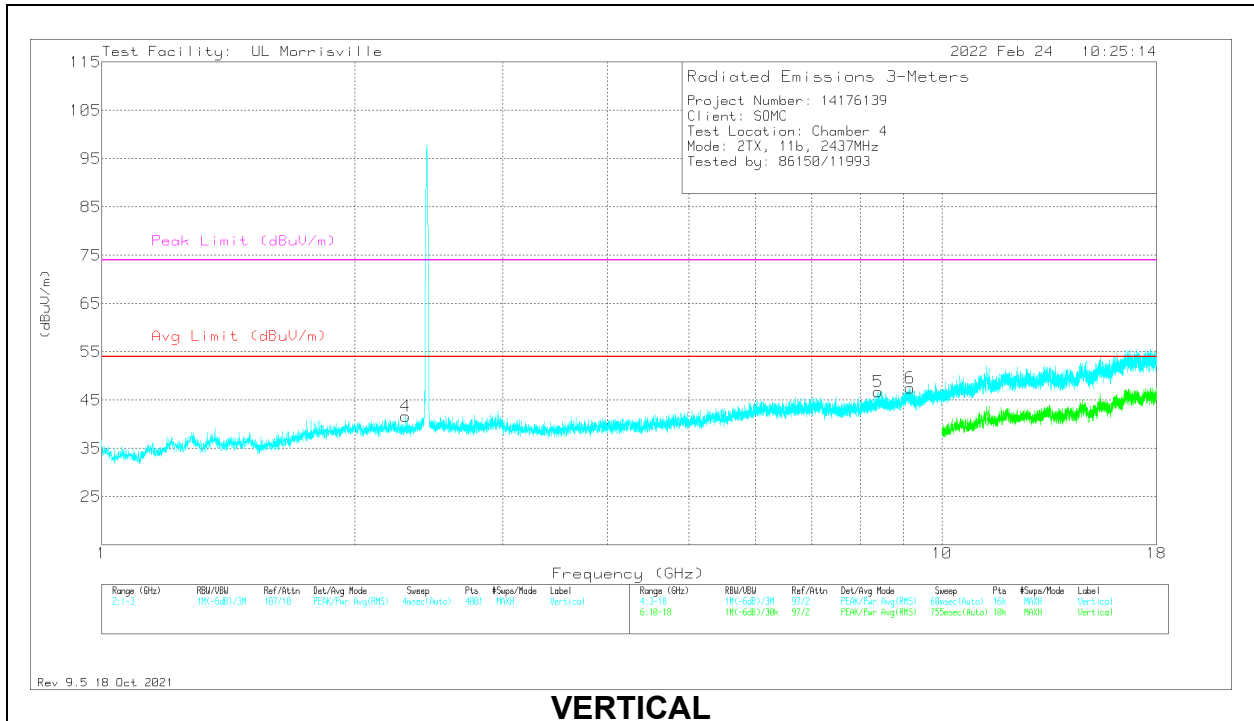
** - indicates frequency in Taiwan NCC LP0002 Restricted Band

Pk - Peak detector

MID CHANNEL, CH 6 RESULTS



HORIZONTAL



VERTICAL

RADIATED EMISSIONS

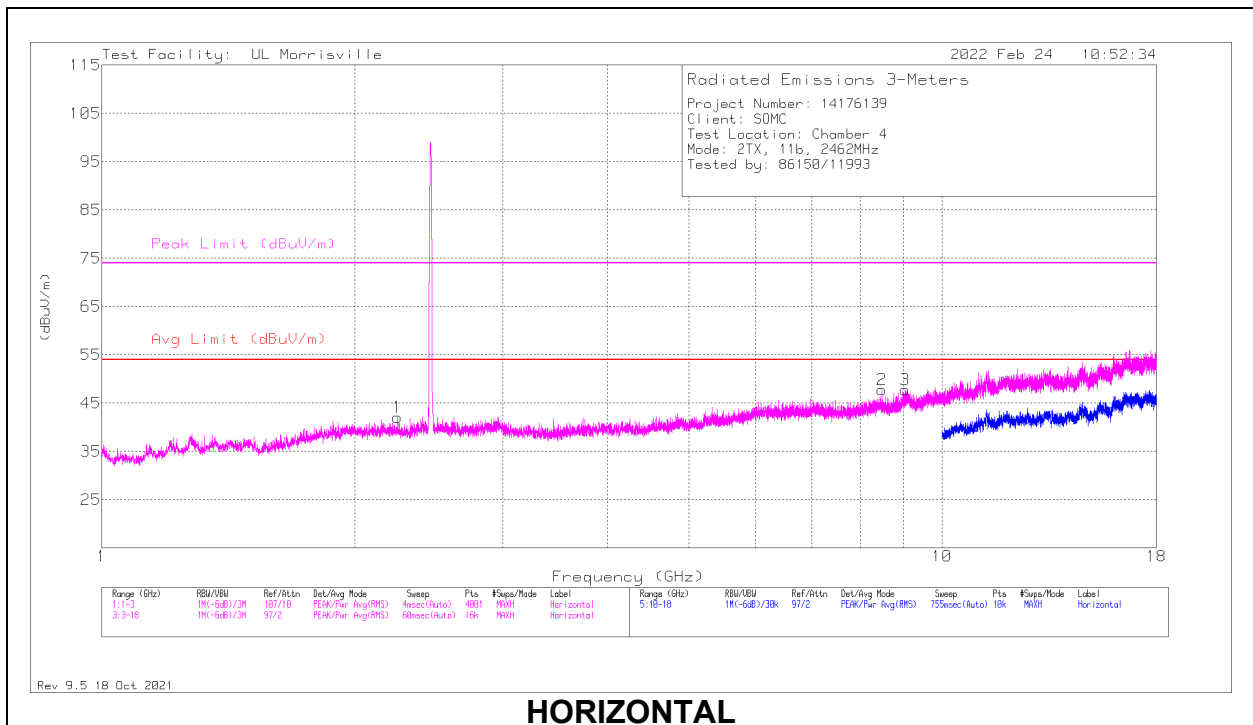
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AT0072 (dB/m)	Amp/Cbl/Filtr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
5	*** 8.4	37.18	Pk	35.9	-26.4	46.68	54	-7.32	74	-27.32	0-360	101	V
3	*** 8.44219	37.05	Pk	35.9	-26.5	46.45	54	-7.55	74	-27.55	0-360	199	H
2	*** 9.15188	36.27	Pk	36.3	-25	47.57	54	-6.43	74	-26.43	0-360	199	H
6	*** 9.16781	37.04	Pk	36.3	-25.8	47.54	54	-6.46	74	-26.46	0-360	101	V
1	*** 2.858	35.77	Pk	32.9	-26.2	42.47	54	-11.53	74	-31.53	0-360	199	H
4	*** 2.2985	33.42	Pk	31.9	-23.7	41.62	54	-12.38	74	-32.38	0-360	101	V

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

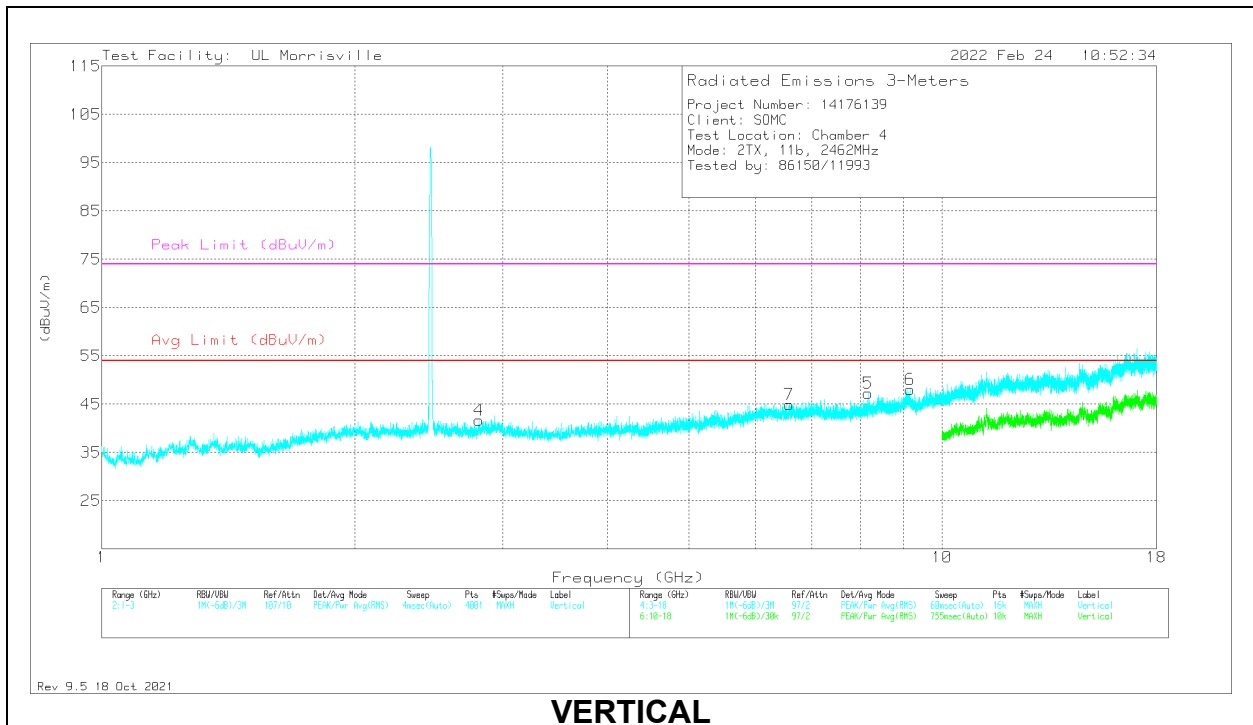
** - indicates frequency in Taiwan NCC LP0002 Restricted Band

Pk - Peak detector

HIGH CHANNEL, CH 11 RESULTS



HORIZONTAL



VERTICAL

RADIATED EMISSIONS

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AT0072 (dB/m)	Amp/Cbl/Filtr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
5	*** 8.17313	37.86	Pk	35.8	-26.4	47.26	54	-6.74	74	-26.74	0-360	101	V
2	*** 8.48156	38.42	Pk	36	-26.7	47.72	54	-6.28	74	-26.28	0-360	101	H
3	*** 9.04219	37.71	Pk	36.2	-26.1	47.81	54	-6.19	74	-26.19	0-360	101	H
6	*** 9.1603	37.06	PK2	36.3	-25.9	47.46	-	-	74	-26.54	233	149	V
	*** 9.15858	25.37	ADV	36.3	-25.8	35.87	54	-18.13	-	-	233	149	V
7	6.57938	37.21	Pk	35.7	-28	44.91	54	-9.09	74	-29.09	0-360	200	V
1	*** 2.2495	33.86	Pk	31.8	-23.6	42.06	54	-11.94	74	-31.94	0-360	101	H
4	*** 2.8095	35.2	Pk	32.5	-26	41.7	54	-12.3	74	-32.3	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

PK2 - Maximum Peak

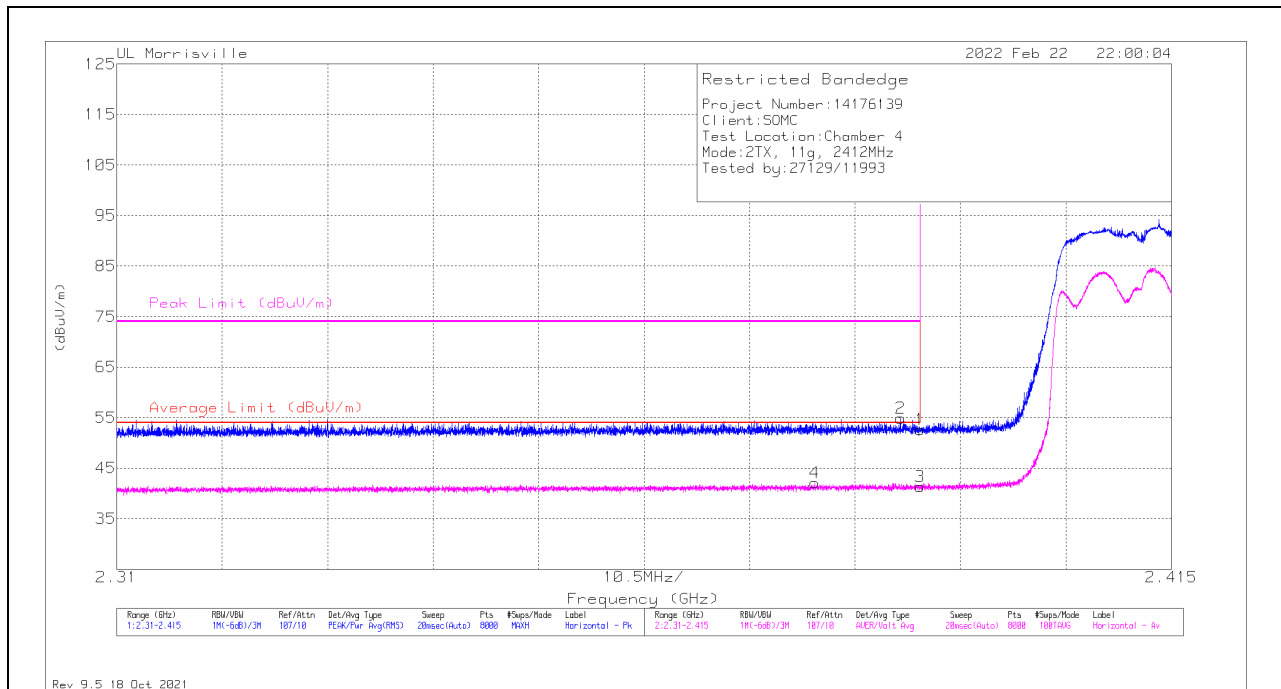
ADV - Linear Voltage Average

10.1.2. TX ABOVE 1 GHz 802.11g MODE IN THE 2.4 GHz BAND

2TX Chain 0 + Chain 1 CDD MODE

BANDEDGE (LOW CHANNEL, CH 1)

HORIZONTAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	206211 (dB/m)	Amp/Cbl/Filtr/Pad (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* ** 2.39	34.47	Pk	32	-13.8	52.67	-	-	74	-21.33	286	259	H
2	* ** 2.38803	36.64	Pk	32	-13.8	54.84	-	-	74	-19.16	286	259	H
3	* ** 2.39	23.15	ADV	32	-13.8	41.35	54	-12.65	-	-	286	259	H
4	* ** 2.37948	24.03	ADV	32	-13.9	42.13	54	-11.87	-	-	286	259	H

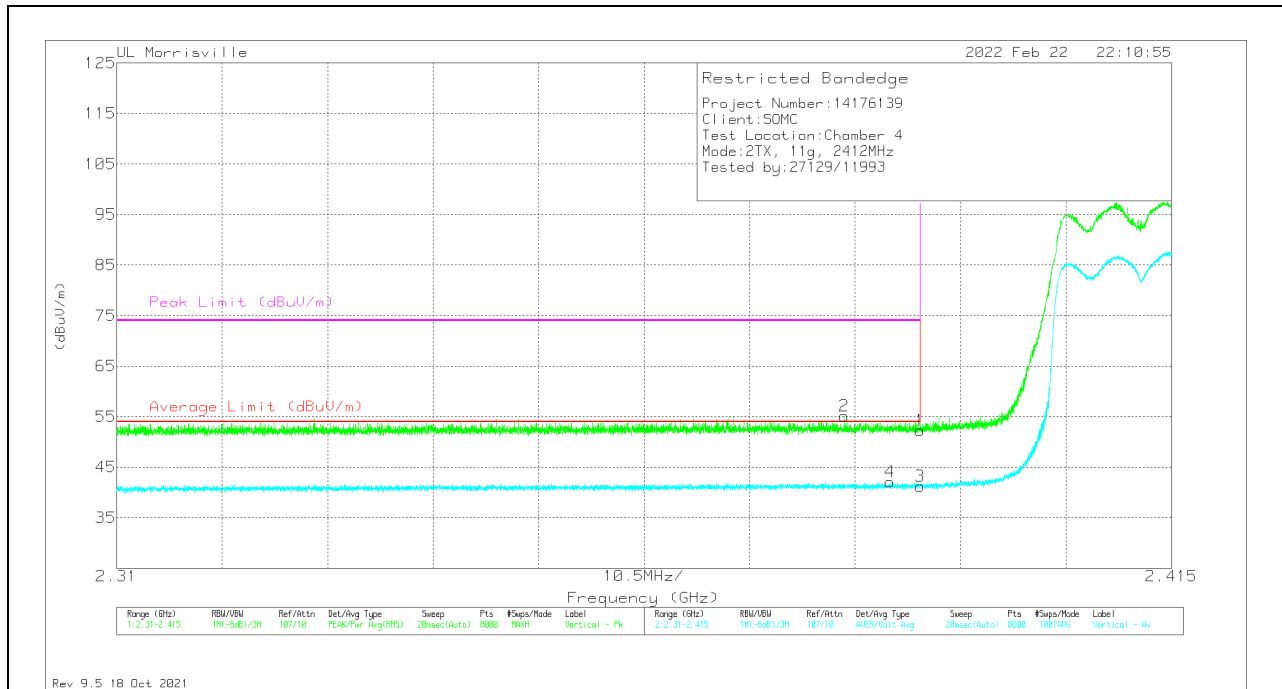
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

** - indicates frequency in Taiwan NCC LP0002 Restricted Band

Pk - Peak detector

ADV - Linear Voltage Average

VERTICAL RESULT

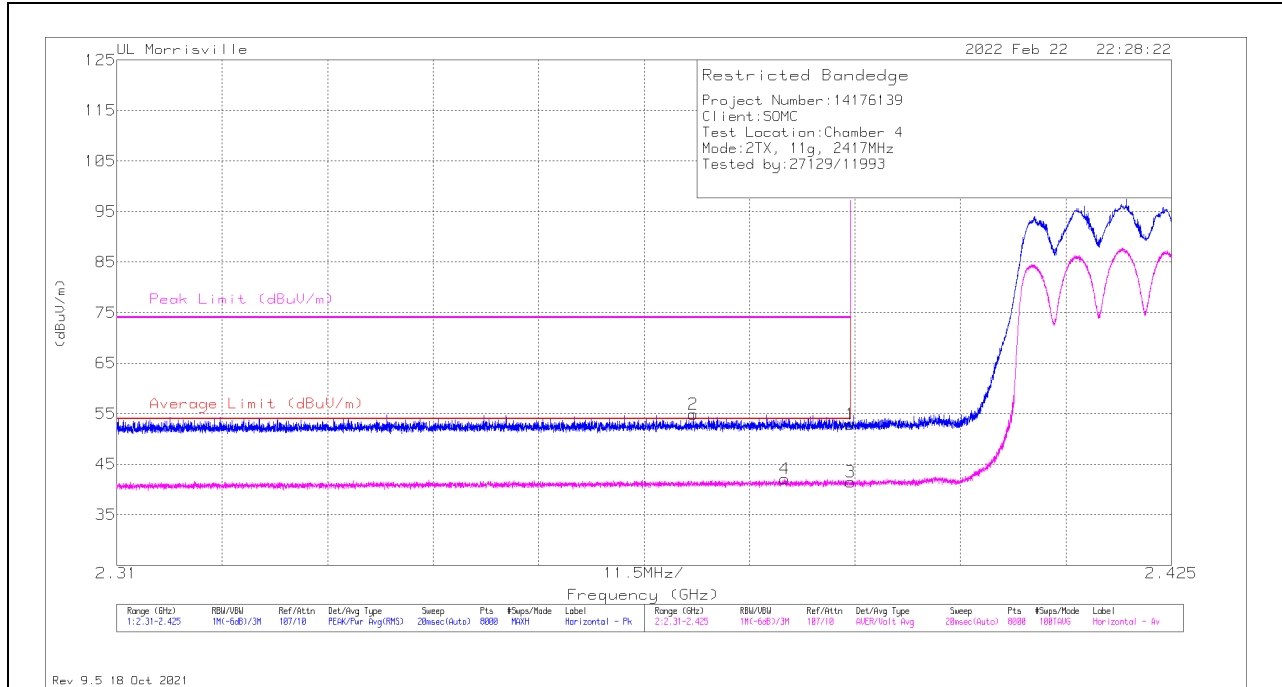


Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	206211 (dB/m)	Amp/Cbl/Filtr/Pad (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	*** 2.39	34.1	Pk	32	-13.8	52.3	-	-	74	-21.7	136	249	V
2	*** 2.38242	36.96	Pk	32	-13.8	55.16	-	-	74	-18.84	136	249	V
3	*** 2.39	23.08	ADV	32	-13.8	41.28	54	-12.72	-	-	136	249	V
4	*** 2.38699	23.91	ADV	32	-13.8	42.11	54	-11.89	-	-	136	249	V

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

BANDEDGE (LOW CHANNEL, CH 2)

HORIZONTAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	206211 (dB/m)	Amp/Cbl/Filtr/Pad (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	*** 2.38999	34.7	PK	32	-13.8	52.9	-	-	74	-21.1	9	165	H
2	*** 2.37287	36.77	Pk	32	-13.9	54.87	-	-	74	-19.13	9	165	H
3	*** 2.38999	23.32	ADV	32	-13.8	41.52	54	-12.48	-	-	9	165	H
4	*** 2.38281	23.9	ADV	32	-13.8	42.1	54	-11.9	-	-	9	165	H

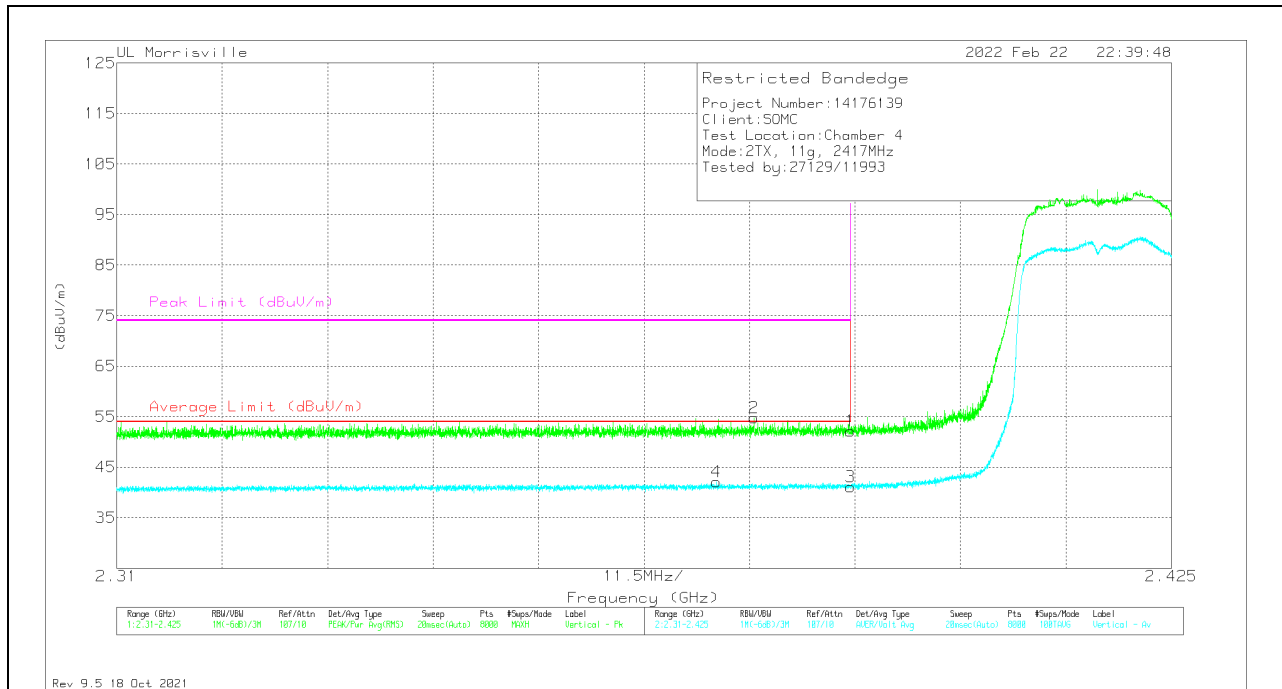
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

** - indicates frequency in Taiwan NCC LP0002 Restricted Band

Pk - Peak detector

ADV - Linear Voltage Average

VERTICAL RESULT

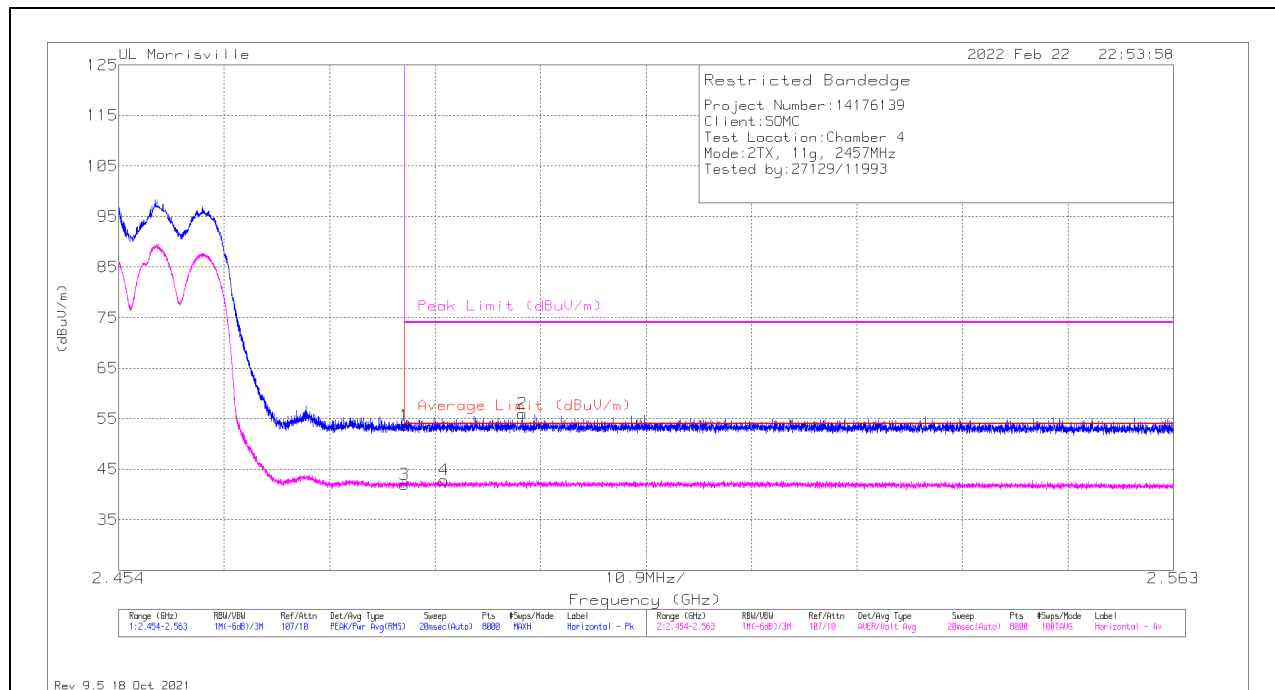


Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	206211 (dB/m)	Amp/Cbl/Filtr/Pad (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	*** 2.38999	33.91	Pk	32	-13.8	52.11	-	-	74	-21.89	49	242	V
2	*** 2.37947	36.64	Pk	32	-13.9	54.74	-	-	74	-19.26	49	242	V
3	*** 2.38999	22.91	ADV	32	-13.8	41.11	54	-12.89	-	-	49	242	V
4	*** 2.3754	23.97	ADV	32	-13.9	42.07	54	-11.93	-	-	49	242	V

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

BANDEDGE (HIGH CHANNEL, CH 10)

HORIZONTAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	206211 (dB/m)	Amp/Cbl/Filtr/Pad (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	*** 2.4835	34.8	Pk	32.6	-13.7	53.7	-	-	74	-20.3	6	111	H
2	*** 2.4957	37.13	Pk	32.6	-13.7	56.03	-	-	74	-17.97	6	111	H
3	*** 2.4835	23.09	ADV	32.6	-13.7	41.99	54	-12.01	-	-	6	111	H
4	*** 2.4876	23.96	ADV	32.6	-13.7	42.86	54	-11.14	-	-	6	111	H

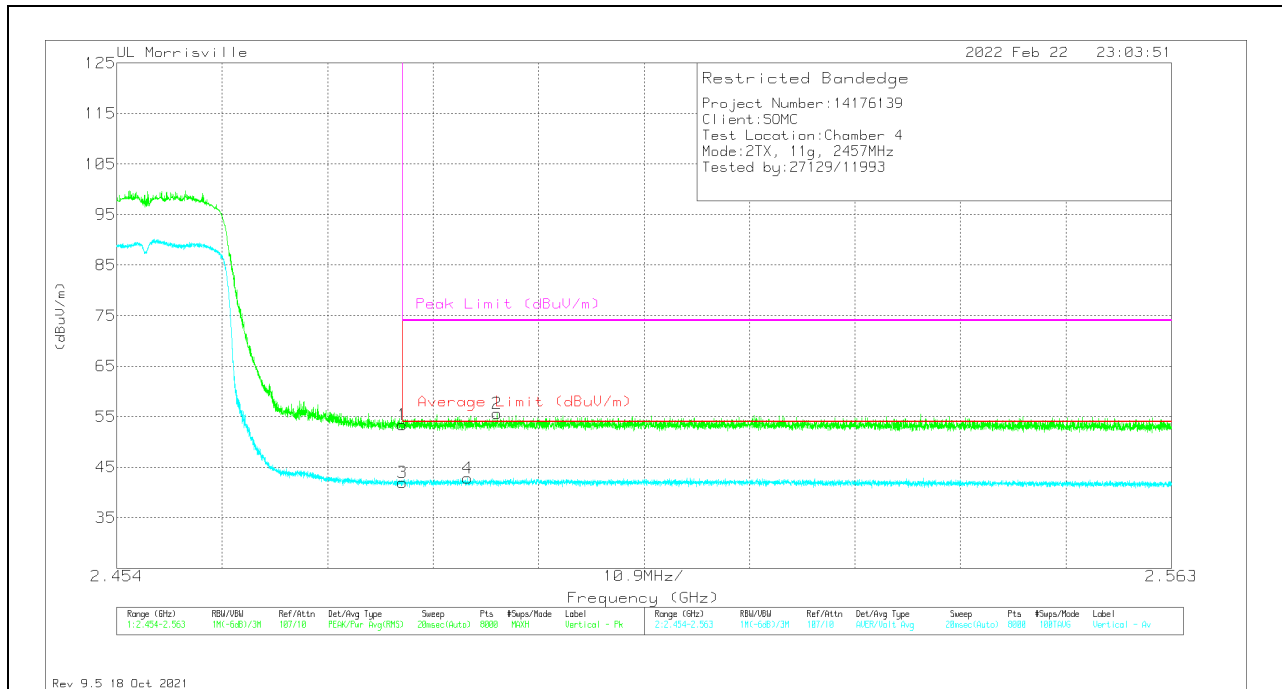
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

** - indicates frequency in Taiwan NCC LP0002 Restricted Band

Pk - Peak detector

ADV - Linear Voltage Average

VERTICAL RESULT

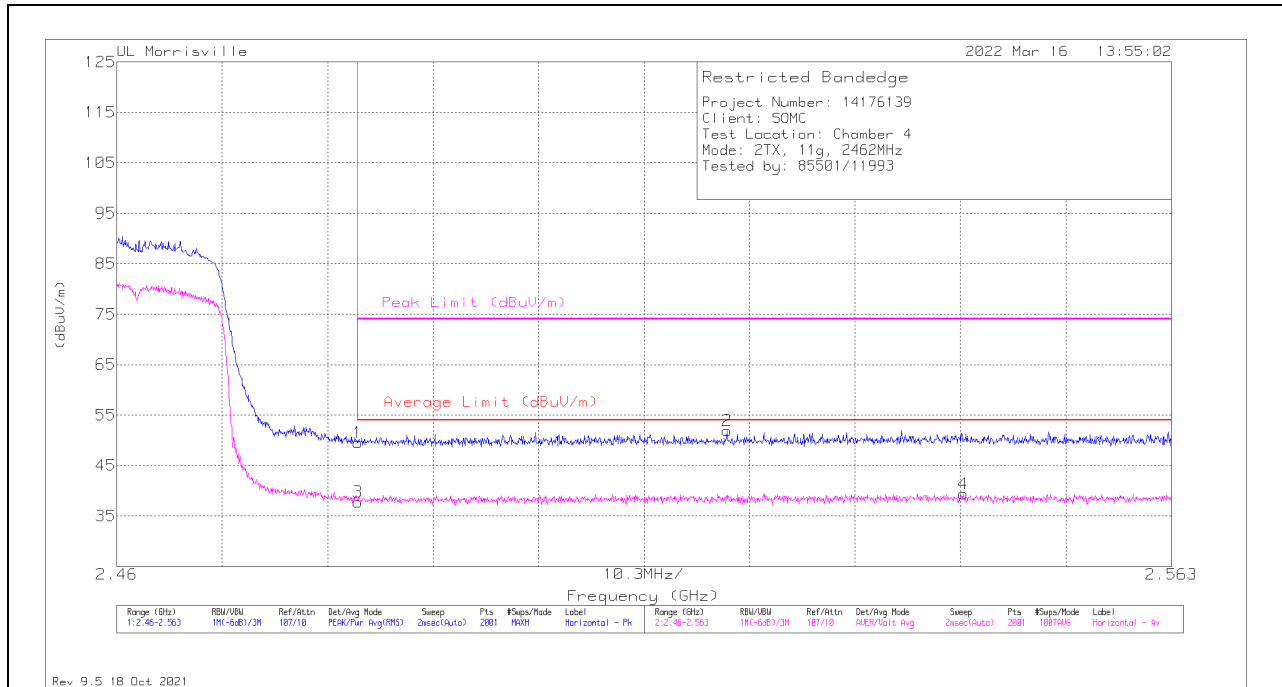


Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	206211 (dB/m)	Amp/Cbl/Filtr/Pad (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	*** 2.4835	34.55	Pk	32.6	-13.7	53.45	-	-	74	-20.55	44	176	V
2	*** 2.49333	36.76	Pk	32.6	-13.7	55.66	-	-	74	-18.34	44	176	V
3	*** 2.4835	23.11	ADV	32.6	-13.7	42.01	54	-11.99	-	-	44	176	V
4	*** 2.49025	23.97	ADV	32.6	-13.7	42.87	54	-11.13	-	-	44	176	V

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

BANDEDGE (HIGH CHANNEL, CH 11)

HORIZONTAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AT0069 (dB/m)	Amp/Cbl/Fitr/Pad (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	*** 2.48354	31	Pk	32.2	-13.7	49.5	-	-	74	-24.5	128	348	H
2	** 2.51959	33.24	Pk	32.4	-13.7	51.94	-	-	74	-22.06	128	348	H
3	*** 2.48354	19.25	ADV	32.2	-13.7	37.75	54	-16.25	-	-	128	348	H
4	** 2.54266	20.6	ADV	32.4	-13.6	39.4	54	-14.6	-	-	128	348	H

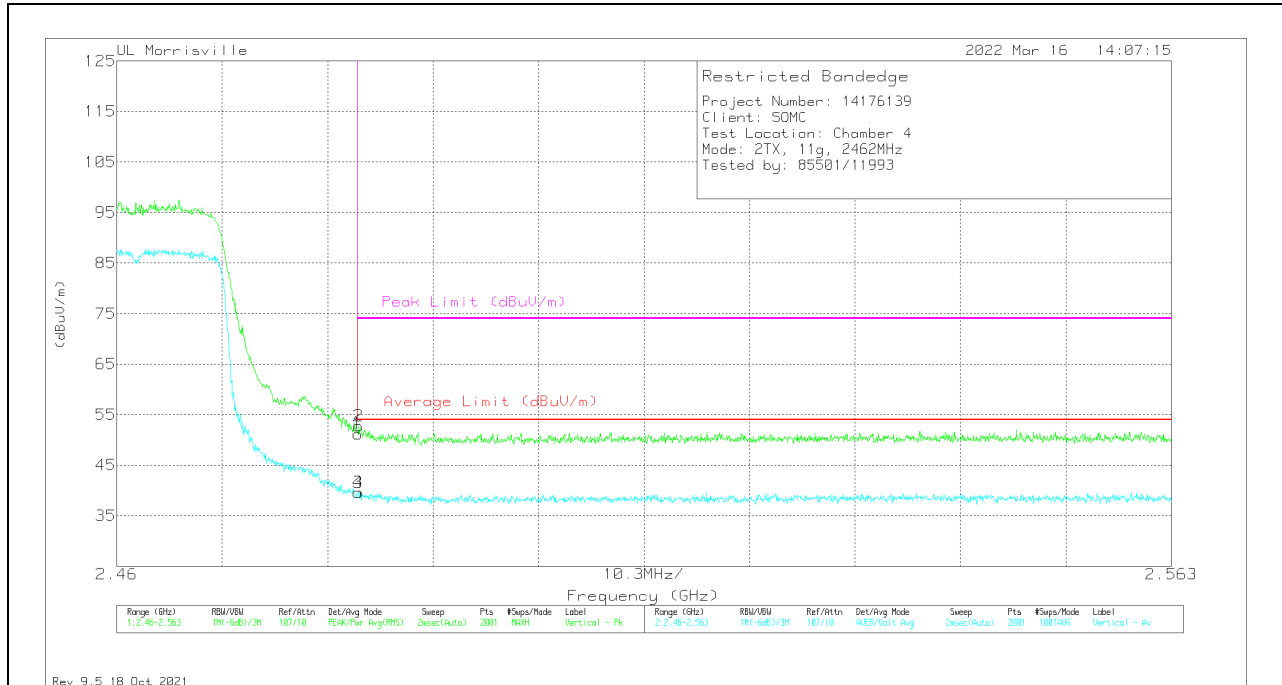
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

** - indicates frequency in Taiwan NCC LP0002 Restricted Band

Pk - Peak detector

ADV - Linear Voltage Average

VERTICAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AT0069 (dB/m)	Amp/Cbl/Filtr/Pad (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* ** 2.48354	32.72	Pk	32.2	-13.7	51.22	-	-	74	-22.78	152	235	V
2	* ** 2.48364	34.23	Pk	32.2	-13.7	52.73	-	-	74	-21.27	152	235	V
3	* ** 2.48354	21.06	ADV	32.2	-13.7	39.56	54	-14.44	-	-	152	235	V
4	* ** 2.48359	21.11	ADV	32.2	-13.7	39.61	54	-14.39	-	-	152	235	V

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

** - indicates frequency in Taiwan NCC LP0002 Restricted Band

Pk - Peak detector

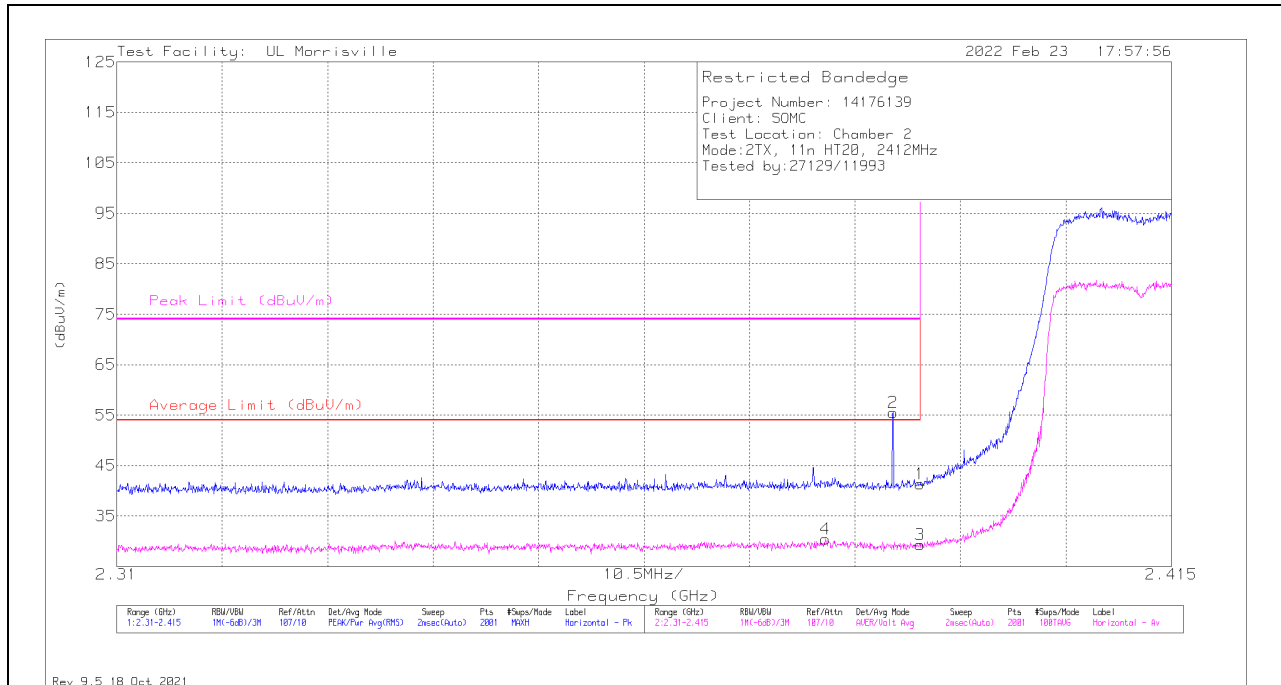
ADV - Linear Voltage Average

10.1.3. TX ABOVE 1 GHz 802.11n HT20 MODE IN THE 2.4 GHz BAND

2TX Chain 0 + Chain 1 CDD MODE

BANDEDGE (LOW CHANNEL, CH 1)

HORIZONTAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AT0072 (dB/m)	Amp/Cbl/Pad (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	*** 2.38996	33.53	Pk	31.9	-24.1	41.33	-	-	74	-32.67	74	132	H
2	*** 2.38728	47.58	Pk	32	-24.1	55.48	-	-	74	-18.52	74	132	H
3	*** 2.38996	21.56	ADV	31.9	-24.1	29.36	54	-24.64	-	-	74	132	H
4	*** 2.38056	22.02	ADV	32.5	-24.1	30.42	54	-23.58	-	-	74	132	H

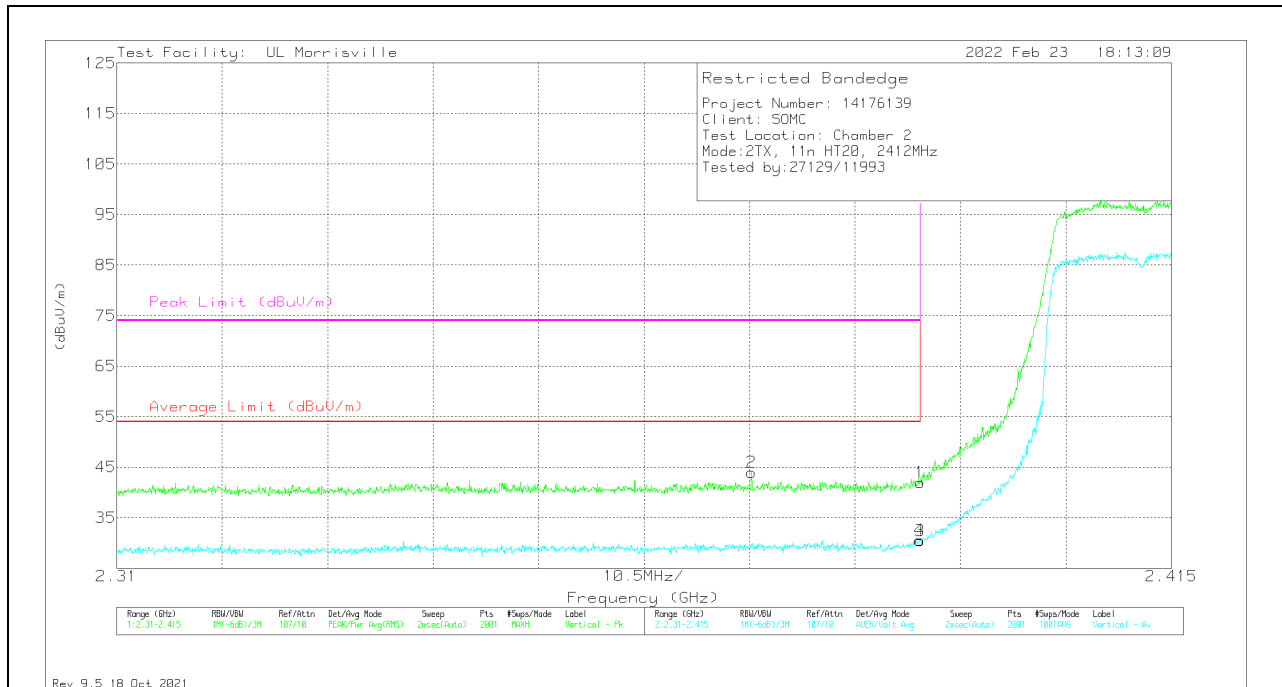
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

** - indicates frequency in Taiwan NCC LP0002 Restricted Band

Pk - Peak detector

ADV - Linear Voltage Average

VERTICAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AT0072 (dB/m)	Amp/Cbl/Pad (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	*** 2.38996	34.2	Pk	31.9	-24.1	42	-	-	74	-32	153	147	V
2	*** 2.37321	35.71	Pk	32.3	-24.1	43.91	-	-	74	-30.09	153	147	V
3	*** 2.38996	22.6	ADV	31.9	-24.1	30.4	54	-23.6	-	-	153	147	V
4	*** 2.38991	22.74	ADV	31.9	-24.1	30.54	54	-23.46	-	-	153	147	V

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

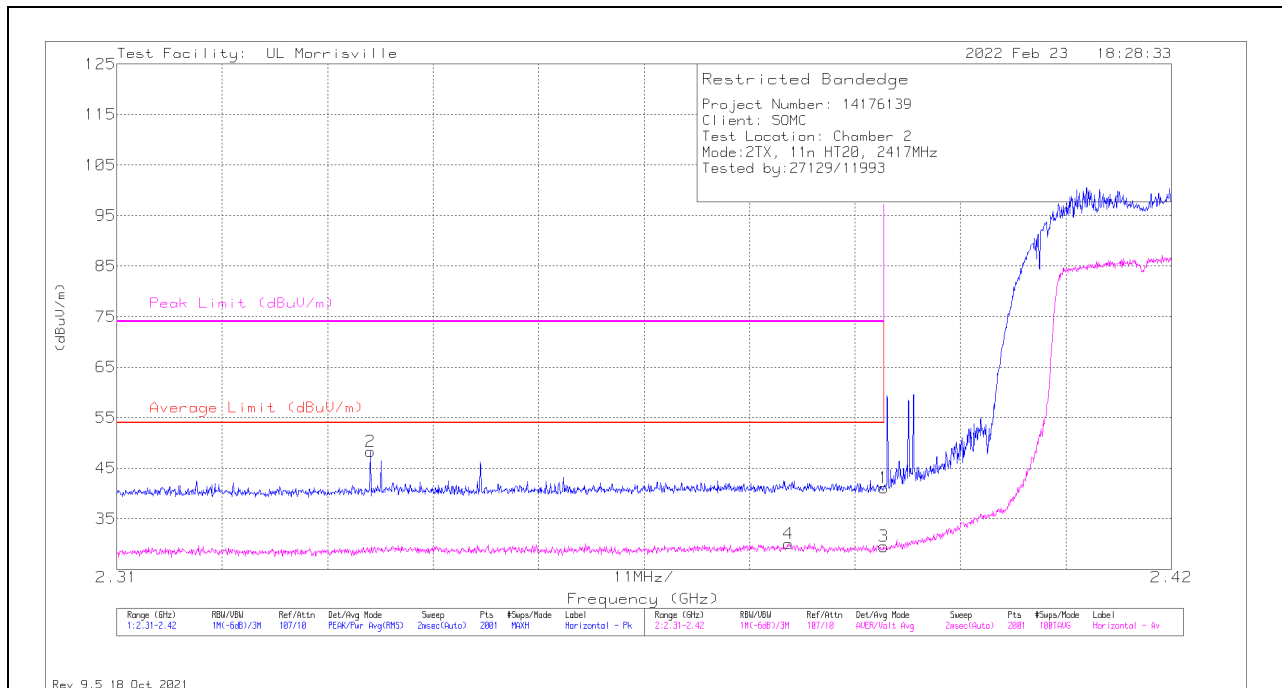
** - indicates frequency in Taiwan NCC LP0002 Restricted Band

Pk - Peak detector

ADV - Linear Voltage Average

BANDEDGE (LOW CHANNEL, CH 2)

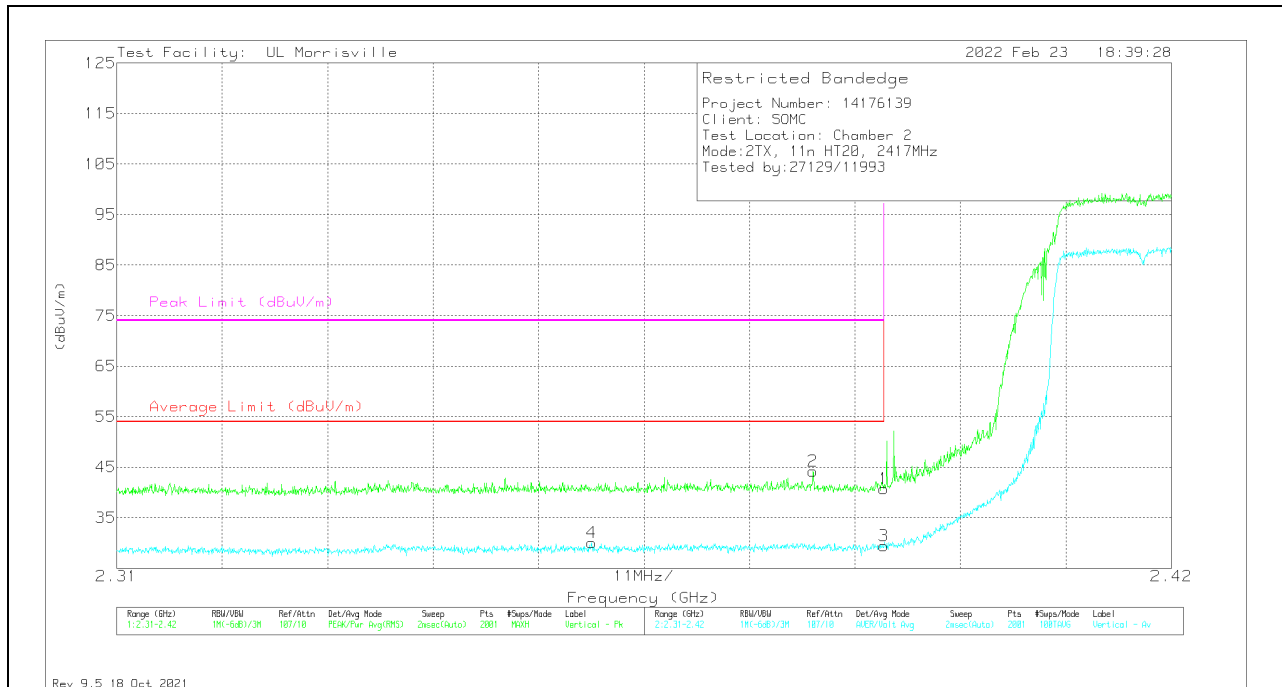
HORIZONTAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AT0072 (dB/m)	Amp/Cbl/Pad (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	*** 2.38997	33.31	Pk	31.9	-24.1	41.11	-	-	74	-32.89	17	117	H
2	*** 2.33646	40.55	Pk	31.8	-24	48.35	-	-	74	-25.65	17	117	H
3	*** 2.38997	21.7	ADV	31.9	-24.1	29.5	54	-24.5	-	-	17	117	H
4	*** 2.38007	21.68	ADV	32.5	-24.1	30.08	54	-23.92	-	-	17	117	H

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

VERTICAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AT0072 (dB/m)	Amp/Cbl/Pad (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	*** 2.38997	32.91	Pk	31.9	-24.1	40.71	-	-	74	-33.29	129	257	V
2	*** 2.3826	35.99	Pk	32.3	-24.1	44.19	-	-	74	-29.81	129	257	V
3	*** 2.38997	21.66	ADV	31.9	-24.1	29.46	54	-24.54	-	-	129	257	V
4	*** 2.35956	22.17	ADV	32.2	-24.3	30.07	54	-23.93	-	-	129	257	V

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

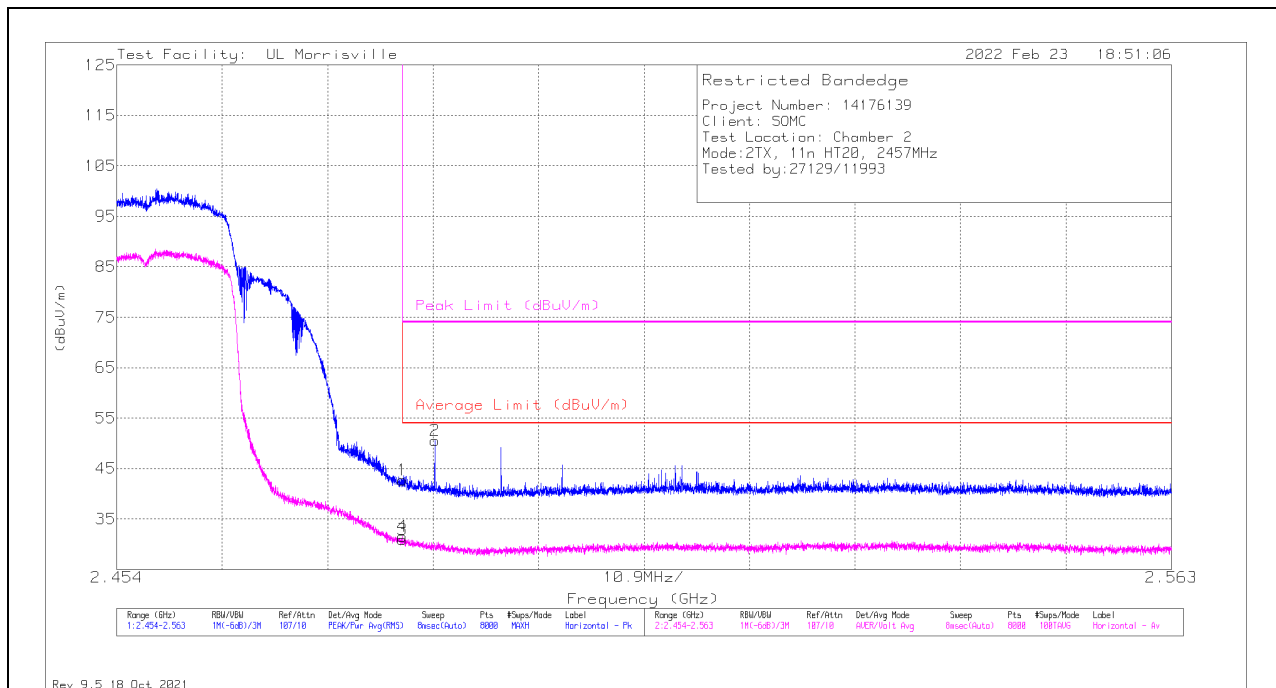
** - indicates frequency in Taiwan NCC LP0002 Restricted Band

Pk - Peak detector

ADV - Linear Voltage Average

BANDEDGE (HIGH CHANNEL, CH 10)

HORIZONTAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AT0072 (dB/m)	Amp/Cbl/Pad (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	*** 2.4835	34.78	Pk	32.5	-24.6	42.68	-	-	74	-31.32	3	299	H
2	*** 2.48687	42.93	Pk	32.5	-24.9	50.53	-	-	74	-23.47	3	299	H
3	*** 2.4835	22.98	ADV	32.5	-24.6	30.88	54	-23.12	-	-	3	299	H
4	*** 2.48354	23.68	ADV	32.5	-24.6	31.58	54	-22.42	-	-	3	299	H

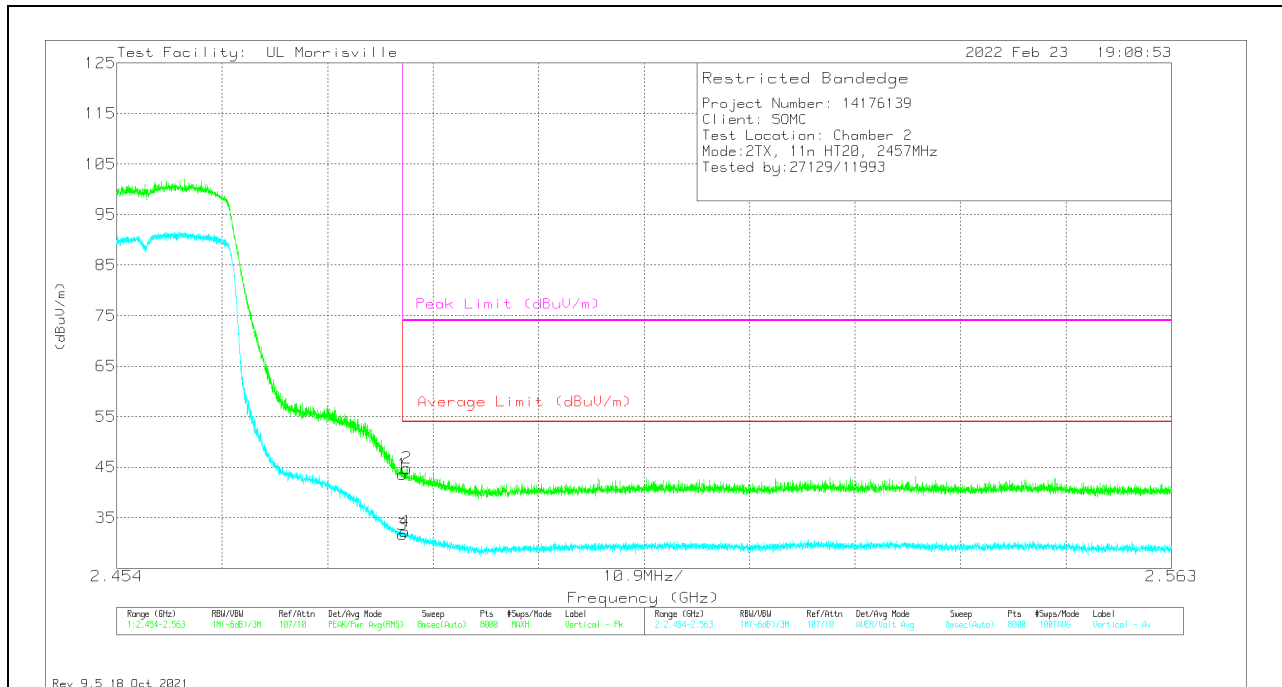
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

** - indicates frequency in Taiwan NCC LP0002 Restricted Band

Pk - Peak detector

ADV - Linear Voltage Average

VERTICAL RESULT

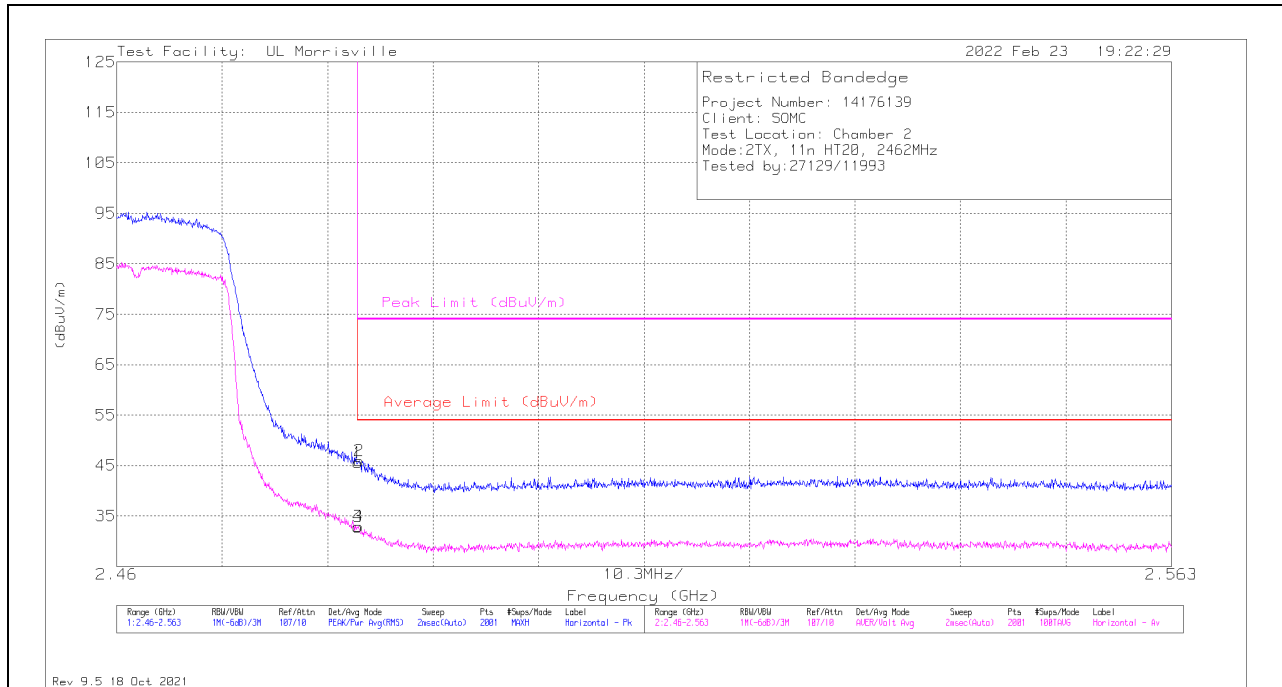


Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AT0072 (dB/m)	Amp/Cbl/Pad (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	*** 2.4835	35.67	Pk	32.5	-24.6	43.57	-	-	74	-30.43	67	281	V
2	*** 2.48401	36.97	Pk	32.5	-24.7	44.77	-	-	74	-29.23	67	281	V
3	*** 2.4835	23.78	ADV	32.5	-24.6	31.68	54	-22.32	-	-	67	281	V
4	*** 2.48378	24.44	ADV	32.5	-24.6	32.34	54	-21.66	-	-	67	281	V

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

BANDEDGE (HIGH CHANNEL, CH 11)

HORIZONTAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AT0072 (dB/m)	Amp/Cbl/Pad (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* ** 2.48354	37.7	Pk	32.5	-24.6	45.6	-	-	74	-28.4	98	288	H
2	* ** 2.48369	38.05	Pk	32.5	-24.6	45.95	-	-	74	-28.05	98	288	H
3	* ** 2.48354	24.95	ADV	32.5	-24.6	32.85	54	-21.15	-	-	98	288	H
4	* ** 2.48359	24.97	ADV	32.5	-24.6	32.87	54	-21.13	-	-	98	288	H

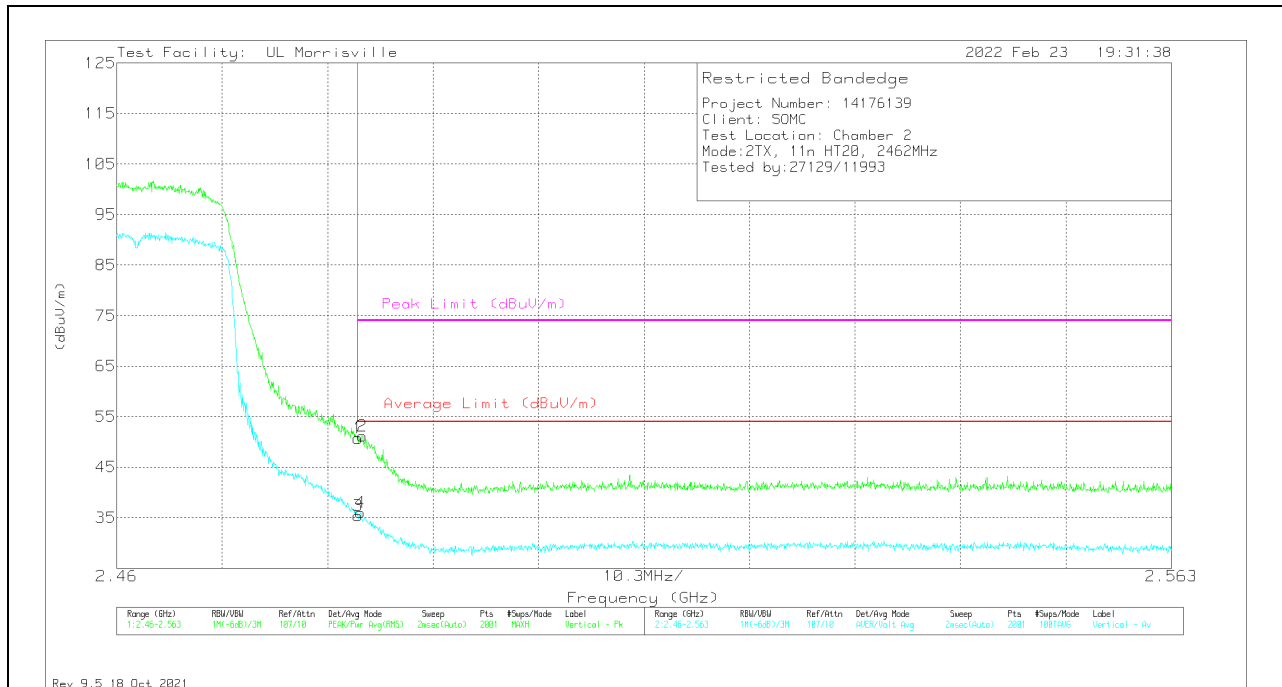
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

** - indicates frequency in Taiwan NCC LP0002 Restricted Band

Pk - Peak detector

ADV - Linear Voltage Average

VERTICAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AT0072 (dB/m)	Amp/Cbl/Pad (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* ** 2.48354	42.83	Pk	32.5	-24.6	50.73	-	-	74	-23.27	63	263	V
2	* ** 2.484	43.41	Pk	32.5	-24.7	51.21	-	-	74	-22.79	63	263	V
3	* ** 2.48354	27.53	ADV	32.5	-24.6	35.43	54	-18.57	-	-	63	263	V
4	* ** 2.48379	28.12	ADV	32.5	-24.6	36.02	54	-17.98	-	-	63	263	V

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

11. SETUP PHOTOS

Please refer to R14176139-EP2 for setup photos

END OF TEST REPORT