

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

<b>Test Engineer:</b>	85502/44389
<b>Test Date:</b>	2023-06-26 - 2023-06-29

**Antenna Gain and Limit**

Channel	Frequency (MHz)	Directional Gain for Power (dBi)	FCC Power Limit (dBm)
Low (RU61)	5745	-1.34	30.00
Mid (RU61)	5785	-1.34	30.00
High (RU61)	5825	-1.34	30.00
144 (RU61)	5720	-1.34	30.00

**Output Power Results**

Channel	Frequency (MHz)	Chain 0 Meas Power (dBm)	Chain 1 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low (RU61)	5745	7.59	8.84	11.27	30.00	-18.73
Mid (RU61)	5785	7.77	8.89	11.38	30.00	-18.62
High (RU61)	5825	8.01	8.87	11.47	30.00	-18.53
144 (RU61)	5720	10.05	10.78	13.44	30.00	-16.56

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

<b>Test Engineer:</b>	85502/44389
<b>Test Date:</b>	2023-06-26 - 2023-06-29

**Antenna Gain and Limit**

Channel	Frequency (MHz)	Directional Gain for Power (dBi)	FCC Power Limit (dBm)
Low (RU53)	5745	-1.34	30.00
Mid (RU53)	5785	-1.34	30.00
High (RU54)	5825	-1.34	30.00
144 (RU54)	5720	-1.34	30.00

**Output Power Results**

Channel	Frequency (MHz)	Chain 0 Meas Power (dBm)	Chain 1 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low (RU53)	5745	7.45	8.71	11.14	30.00	-18.86
Mid (RU53)	5785	7.84	8.91	11.42	30.00	-18.58
High (RU54)	5825	7.86	8.72	11.32	30.00	-18.68
144 (RU54)	5720	9.92	10.67	13.32	30.00	-16.68

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

<b>Test Engineer:</b>	85502/44389
<b>Test Date:</b>	2023-06-26 - 2023-06-29

**Antenna Gain and Limit**

Channel	Frequency (MHz)	Directional Gain for Power (dBi)	Directional Gain for PSD (dBm)	FCC Power Limit (dBm)	FCC PSD Limit (dBm/ 500KHz)
Low (RU37)	5745	-1.34	1.54	30.00	30.00
Mid (RU38)	5785	-1.34	1.54	30.00	30.00
High (RU40)	5825	-1.34	1.54	30.00	30.00
144 (RU40)	5720	-1.34	1.54	30.00	30.00

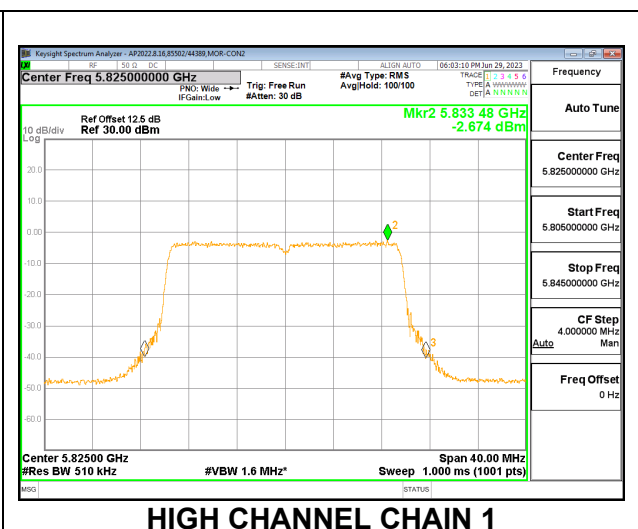
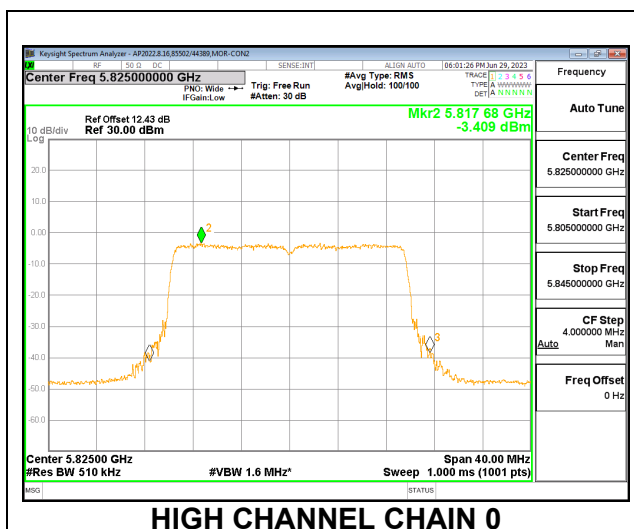
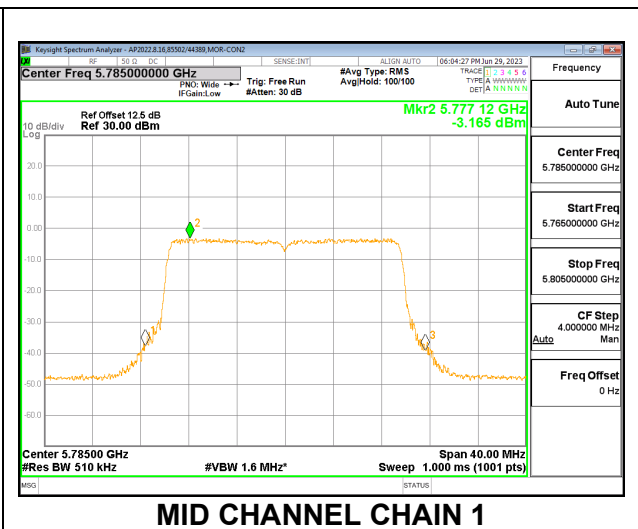
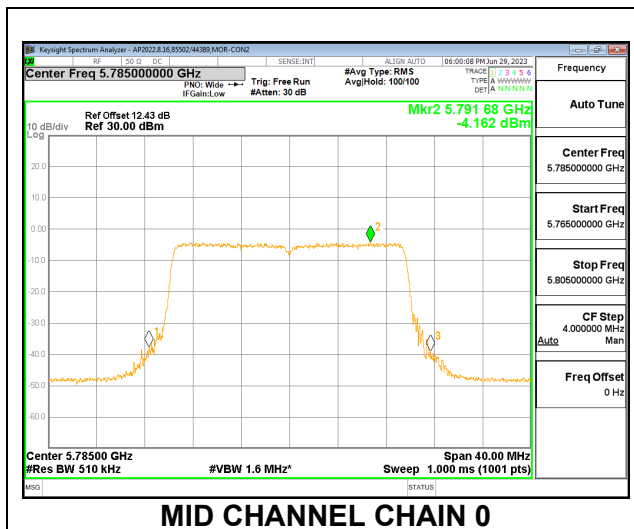
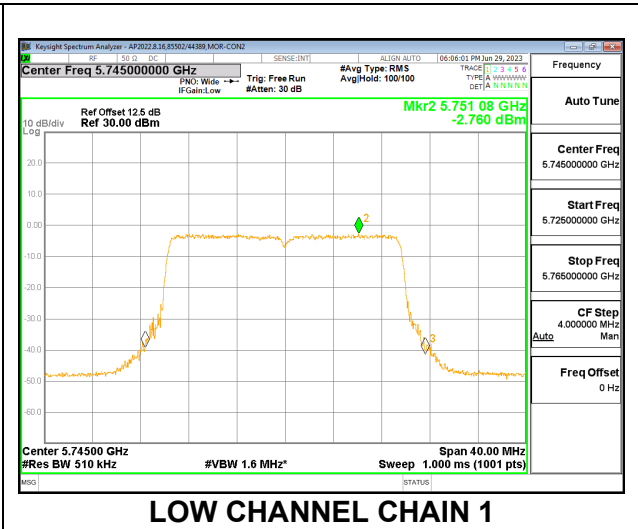
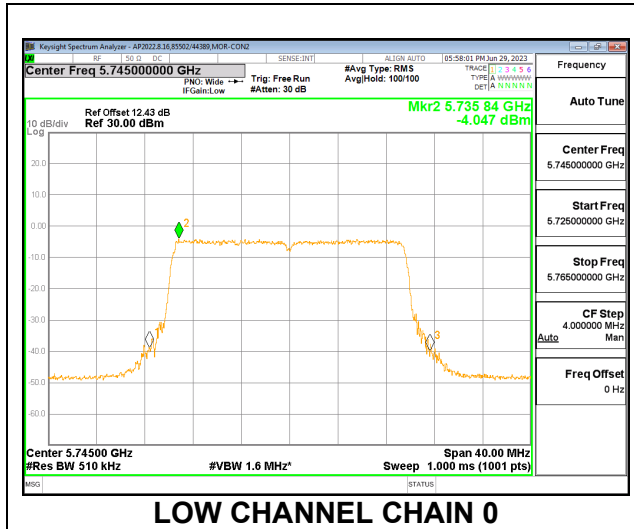
<b>Duty Cycle CF (dB)</b>	0.29	<b>Included in Calculations of Corr'd PSD</b>
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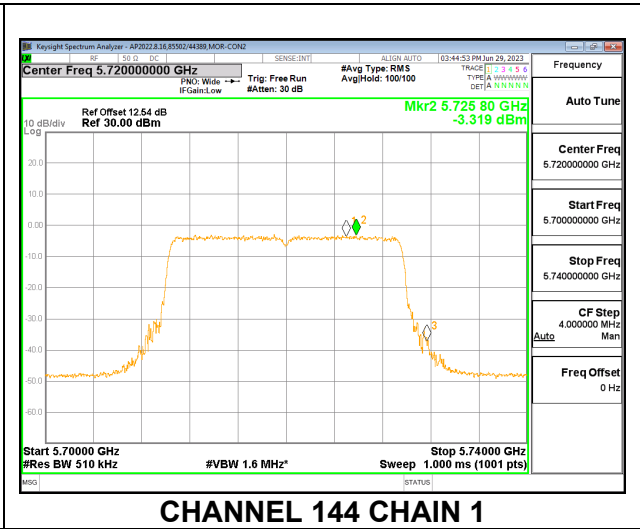
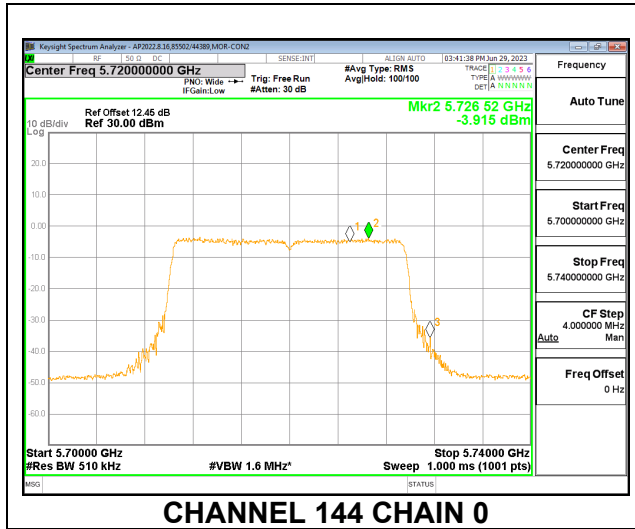
**Output Power Results**

Channel	Frequency (MHz)	Chain 0 Meas Power (dBm)	Chain 1 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low (RU37)	5745	10.47	11.47	14.01	30.00	-15.99
Mid (RU38)	5785	10.29	11.33	13.85	30.00	-16.15
High (RU40)	5825	10.97	11.42	14.21	30.00	-15.79
144 (RU40)	5720	10.44	10.87	13.67	30.00	-16.33

**PSD Results**

Channel	Frequency (MHz)	Chain 0 Meas PSD (dBm/ 500KHz)	Chain 1 Meas PSD (dBm/ 500KHz)	Total Corr'd PSD (dBm/ 500KHz)	PSD Limit (dBm/ 500KHz)	PSD Margin (dB)
Low (RU37)	5745	-4.047	-2.760	-0.056	30.00	-30.06
Mid (RU38)	5785	-4.162	-3.165	-0.335	30.00	-30.33
High (RU40)	5825	-3.409	-2.674	0.274	30.00	-29.73
144 (RU40)	5720	-3.915	-3.319	-0.306	30.00	-30.31





**2TX CHAIN 0 + CHAIN 1 CDD OFDMA MODE: SU**

<b>Test Engineer:</b>	85502/44389
<b>Test Date:</b>	2023-06-26 - 2023-06-29

**Antenna Gain and Limit**

Channel	Frequency (MHz)	Directional Gain for Power (dBi)	FCC Power Limit (dBm)
Low	5745	-1.34	30.00
Mid	5785	-1.34	30.00
High	5825	-1.34	30.00
144	5720	-1.34	30.00

**Output Power Results**

Channel	Frequency (MHz)	Chain 0 Meas Power (dBm)	Chain 1 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5745	9.89	11.09	13.54	30.00	-16.46
Mid	5785	10.44	11.31	13.91	30.00	-16.09
High	5825	11.10	11.36	14.24	30.00	-15.76
144	5720	10.44	11.02	13.75	30.00	-16.25

**9.4.31. 802.11ax HE40 MODE IN THE 5.8GHz BAND**

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

<b>Test Engineer:</b>	85502/44389
<b>Test Date:</b>	2023-06-26 - 2023-06-29

**Antenna Gain and Limits**

Channel	Frequency (MHz)	Directional Gain for Power (dBi)	Power Limit (dBm)
Low (RU65)	5755	-1.34	24.00
High (RU65)	5795	-1.34	24.00
142 (RU65)	5710	-1.34	24.00

**Output Power Results**

Channel	Frequency (MHz)	Chain 0 Meas Power (dBm)	Chain 1 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low (RU65)	5755	9.62	10.32	12.99	24.00	-11.01
High (RU65)	5795	9.99	11.16	13.62	24.00	-10.38
142 (RU65)	5710	10.83	11.27	14.07	24.00	-9.93



**2TX CHAIN 0 + CHAIN 1 CDD OFDMA MODE: SU**

<b>Test Engineer:</b>	85502/44389
<b>Test Date:</b>	2023-06-26 - 2023-06-29

**Antenna Gain and Limits**

Channel	Frequency (MHz)	Directional Gain for Power (dBi)	Power Limit (dBm)
Low	5755	-1.34	24.00
High	5795	-1.34	24.00
142	5710	-1.34	24.00

**Output Power Results**

Channel	Frequency (MHz)	Chain 0 Meas Power (dBm)	Chain 1 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5755	10.40	11.45	13.97	24.00	-10.03
High	5795	10.02	11.17	13.64	24.00	-10.36
142	5710	10.68	11.17	13.94	24.00	-10.06

**9.4.32. 802.11ax HE80 MODE IN THE 5.8GHZ BAND**

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

<b>Test Engineer:</b>	85502/44389
<b>Test Date:</b>	2023-06-26 - 2023-06-29

**Antenna Gain and Limits**

Channel	Frequency (MHz)	Directional Gain for Power (dBi)	Power Limit (dBm)
Mid (RU67)	5775	-1.34	24.00
138 (RU67)	5690	-1.34	24.00

**Output Power Results**

Channel	Frequency (MHz)	Chain 0 Meas Power (dBm)	Chain 1 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Mid (RU67)	5775	10.13	11.31	13.77	24.00	-10.23
138 (RU67)	5690	10.50	11.15	13.85	24.00	-10.15

**2TX CHAIN 0 + CHAIN 1 CDD OFDMA MODE: SU**

<b>Test Engineer:</b>	85502/44389
<b>Test Date:</b>	2023-06-26 - 2023-06-29

**Antenna Gain and Limits**

Channel	Frequency (MHz)	Directional Gain for Power (dBi)	Power Limit (dBm)
Mid	5775	-1.34	24.00
138	5690	-1.34	24.00

**Output Power Results**

Channel	Frequency (MHz)	Chain 0 Meas Power (dBm)	Chain 1 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Mid	5775	8.89	10.28	12.65	24.00	-11.35
138	5690	10.35	11.11	13.76	24.00	-10.24

## 10. RADIATED TEST RESULTS LIMITS

FCC §15.205 and §15.209 - Restricted bands  
FCC §15.407(b)(1-5) - Unrestricted bands

### After January 01, 2019 for Outside of the Restricted Bands Emissions

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

### TEST PROCEDURE

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

For measurements below 1 GHz the resolution bandwidth is set to 100 kHz for peak detection measurements or 120 kHz for quasi-peak detection measurements in the 30-1000MHz range, 9kHz for peak and/or quasi-peak detection measurements in the 0.15-30MHz range and 200Hz for peak and/or quasi-peak detection measurements in the 9 to 150kHz range. Peak detection is used unless otherwise noted as quasi-peak or average (9-90kHz and 110-490kHz).

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

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

The spectrum from 9kHz to 1GHz and 18GHz to 40 GHz is investigated with the transmitter set to transmit at the channel with highest output power as worst-case scenario. 1GHz to 18GHz was set to the lowest, middle, and highest channels in the 5 GHz bands.

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

3D antenna use - For below 30MHz testing, investigation was done on three antenna orientations (parallel, perpendicular, and ground-parallel).

Base on FCC 15.31 (f) (2): measurements may be performed at a distance closer than that specified in the regulations; however, an attempt should be made to avoid making measurements in the near field.

### KDB 414788 Open Field Site (OFS) and Chamber Correlation Justification

OFS and chamber correlation testing had been performed and chamber measured test result is the worst-case test result.

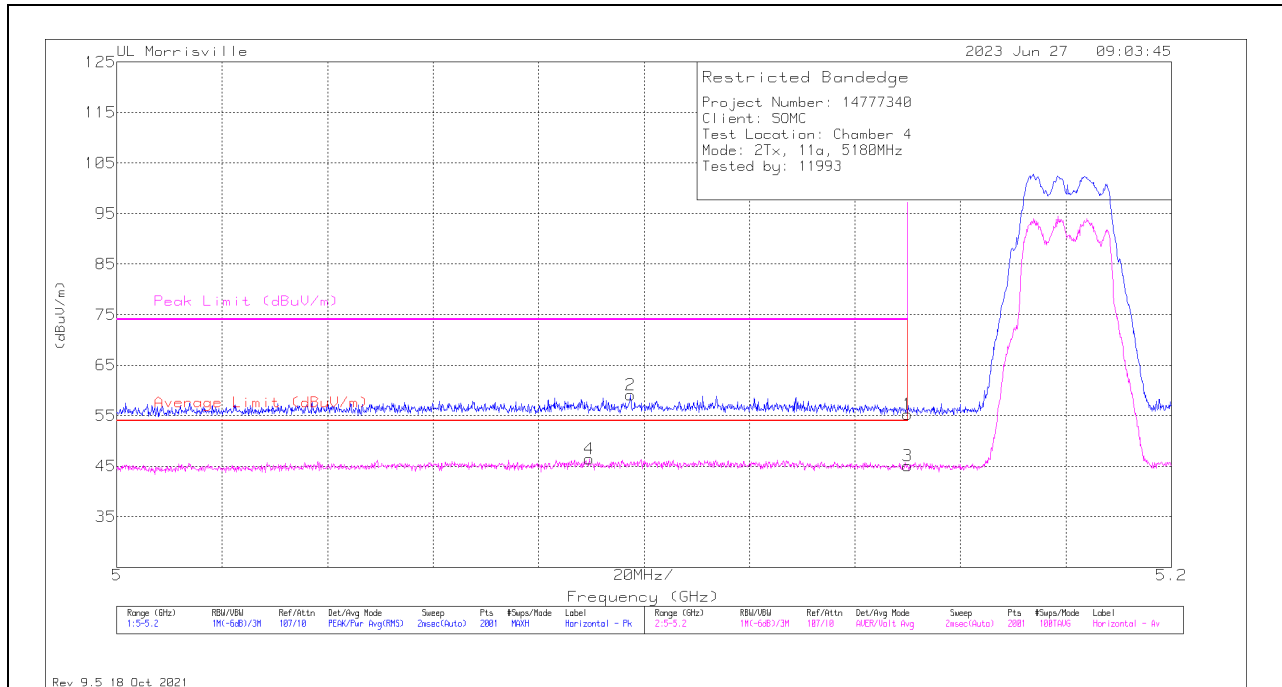
## 10.1. TRANSMITTER ABOVE 1 GHz

### 10.1.1. TX ABOVE 1 GHz 802.11a MODE IN THE 5.2 GHz BAND

#### 2TX CDD MODE

#### BANDEDGE (LOW CHANNEL)

#### HORIZONTAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	89509 ACF (dB/m)	Gain/Loss (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* ** 5.15	30.6	Pk	34.2	-9.5	55.3	-	-	74	-18.7	318	135	H
2	* ** 5.0974	34.35	Pk	34.1	-9.4	59.05	-	-	74	-14.95	318	135	H
3	* ** 5.15	20.36	ADV	34.2	-9.5	45.06	54	-8.94	-	-	318	135	H
4	* ** 5.0896	21.87	ADV	34.1	-9.5	46.47	54	-7.53	-	-	318	135	H

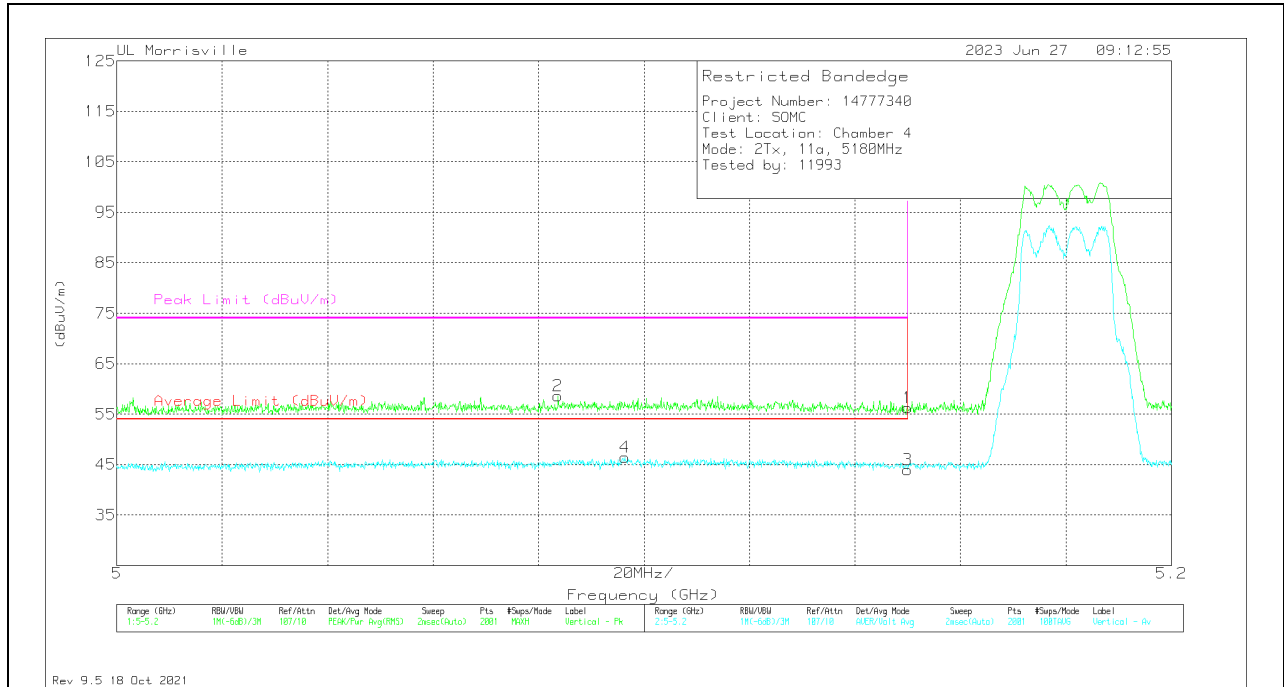
\* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

\*\* - indicates frequency in Taiwan NCC LP0002 Restricted Band

Pk - Peak detector

ADV - Linear Voltage Average

**VERTICAL RESULT**



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	89509 ACF (dB/m)	Gain/Loss (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* ** 5.15	31.54	Pk	34.2	-9.5	56.24	-	-	74	-17.76	321	133	V
2	* ** 5.0837	33.87	Pk	34.1	-9.4	58.57	-	-	74	-15.43	321	133	V
3	* ** 5.15	19.26	ADV	34.2	-9.5	43.96	54	-10.04	-	-	321	133	V
4	* ** 5.0964	21.79	ADV	34.1	-9.4	46.49	54	-7.51	-	-	321	133	V

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

\*\* - indicates frequency in Taiwan NCC LP0002 Restricted Band

Pk - Peak detector

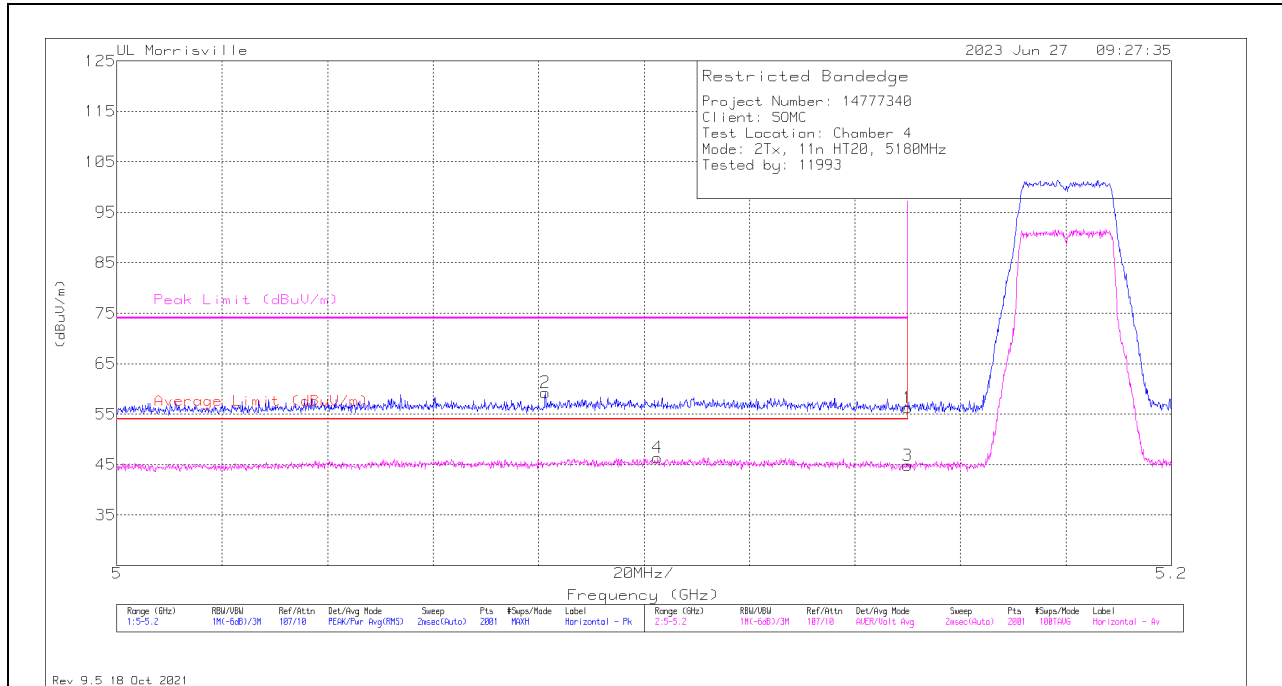
ADV - Linear Voltage Average

**10.1.2. TX ABOVE 1 GHz 802.11n HT20 MODE IN THE 5.2 GHz BAND**

**2TX CDD MODE**

**BANDEDGE (LOW CHANNEL)**

**HORIZONTAL RESULT**



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	89509 ACF (dB/m)	Gain/Loss (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* ** 5.15	31.5	Pk	34.2	-9.5	56.2	-	-	74	-17.8	321	113	H
2	* ** 5.0813	34.89	Pk	34.1	-9.7	59.29	-	-	74	-14.71	321	113	H
3	* ** 5.15	20.16	ADV	34.2	-9.5	44.86	54	-9.14	-	-	321	113	H
4	* ** 5.1026	21.78	ADV	34.1	-9.5	46.38	54	-7.62	-	-	321	113	H

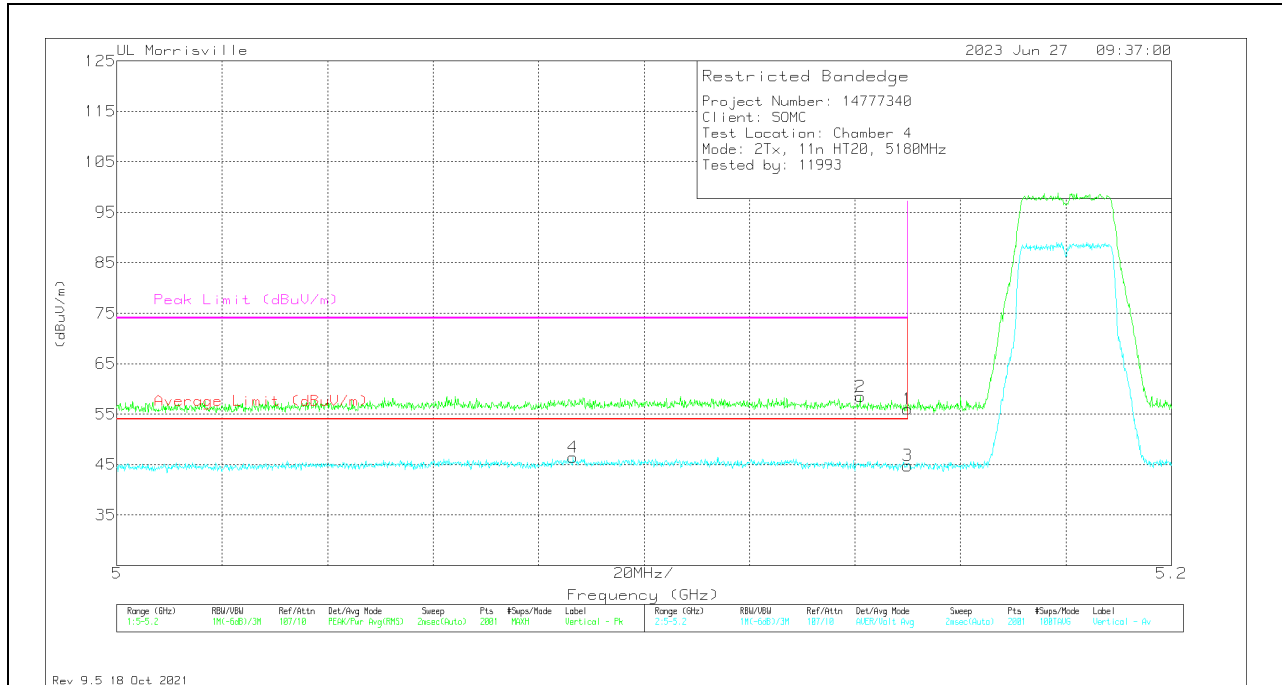
\* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

\*\* - indicates frequency in Taiwan NCC LP0002 Restricted Band

Pk - Peak detector

ADV - Linear Voltage Average

**VERTICAL RESULT**



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	89509 ACF (dB/m)	Gain/Loss (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* ** 5.15	31.26	Pk	34.2	-9.5	55.96	-	-	74	-18.04	300	159	V
2	* ** 5.141	33.8	Pk	34.2	-9.5	58.5	-	-	74	-15.5	300	159	V
3	* ** 5.15	20.07	ADV	34.2	-9.5	44.77	54	-9.23	-	-	300	159	V
4	* ** 5.0865	21.73	ADV	34.1	-9.4	46.43	54	-7.57	-	-	300	159	V

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

\*\* - indicates frequency in Taiwan NCC LP0002 Restricted Band

Pk - Peak detector

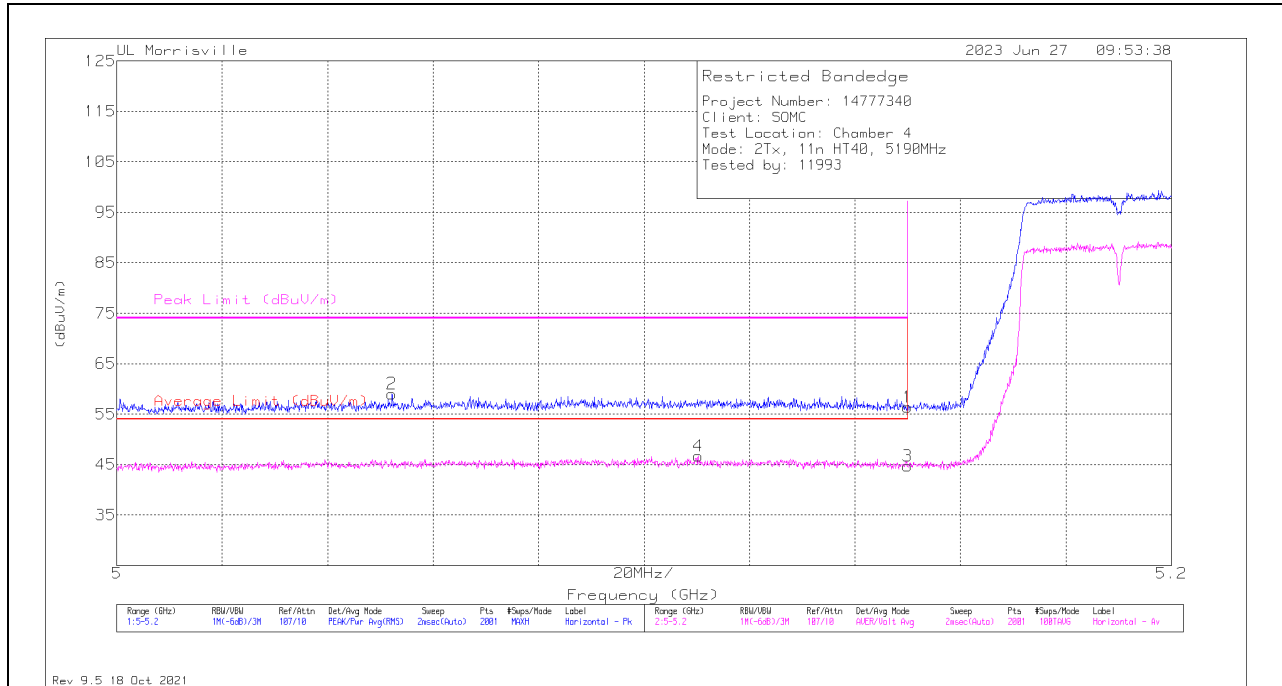
ADV - Linear Voltage Average

### 10.1.3. TX ABOVE 1 GHz 802.11n HT40 MODE IN THE 5.2 GHz BAND

#### 2TX CDD MODE

#### BANDEDGE (LOW CHANNEL)

#### HORIZONTAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	89509 ACF (dB/m)	Gain/Loss (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* ** 5.15	31.7	Pk	34.2	-9.5	56.4	-	-	74	-17.6	315	137	H
2	* ** 5.0522	34.24	Pk	34.1	-9.3	59.04	-	-	74	-14.96	315	137	H
3	* ** 5.15	20	ADV	34.2	-9.5	44.7	54	-9.3	-	-	315	137	H
4	* ** 5.1103	21.85	ADV	34.1	-9.3	46.65	54	-7.35	-	-	315	137	H

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

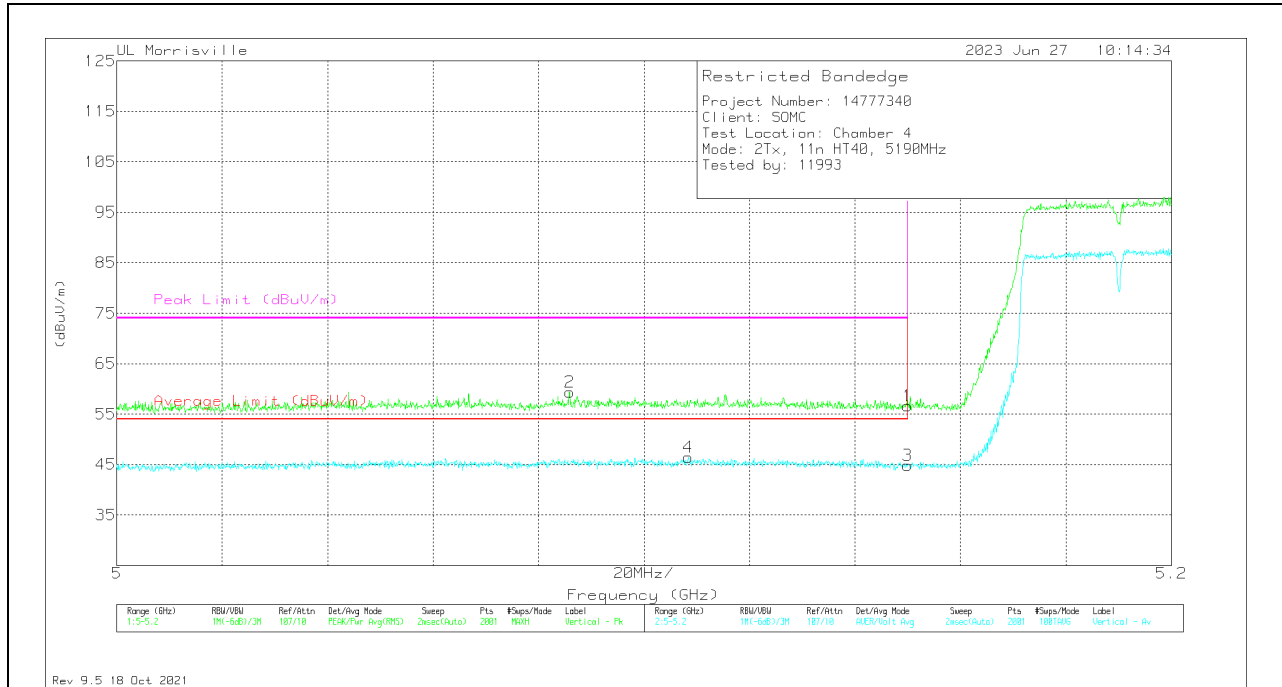
\*\* - indicates frequency in Taiwan NCC LP0002 Restricted Band

Pk - Peak detector

ADV - Linear Voltage Average



**VERTICAL RESULT**



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	89509 ACF (dB/m)	Gain/Loss (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* ** 5.15	31.93	Pk	34.2	-9.5	56.63	-	-	74	-17.37	296	124	V
2	* ** 5.0859	34.69	Pk	34.1	-9.4	59.39	-	-	74	-14.61	296	124	V
3	* ** 5.15	20.09	ADV	34.2	-9.5	44.79	54	-9.21	-	-	296	124	V
4	* ** 5.1084	21.74	ADV	34.1	-9.4	46.44	54	-7.56	-	-	296	124	V

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

\*\* - indicates frequency in Taiwan NCC LP0002 Restricted Band

Pk - Peak detector

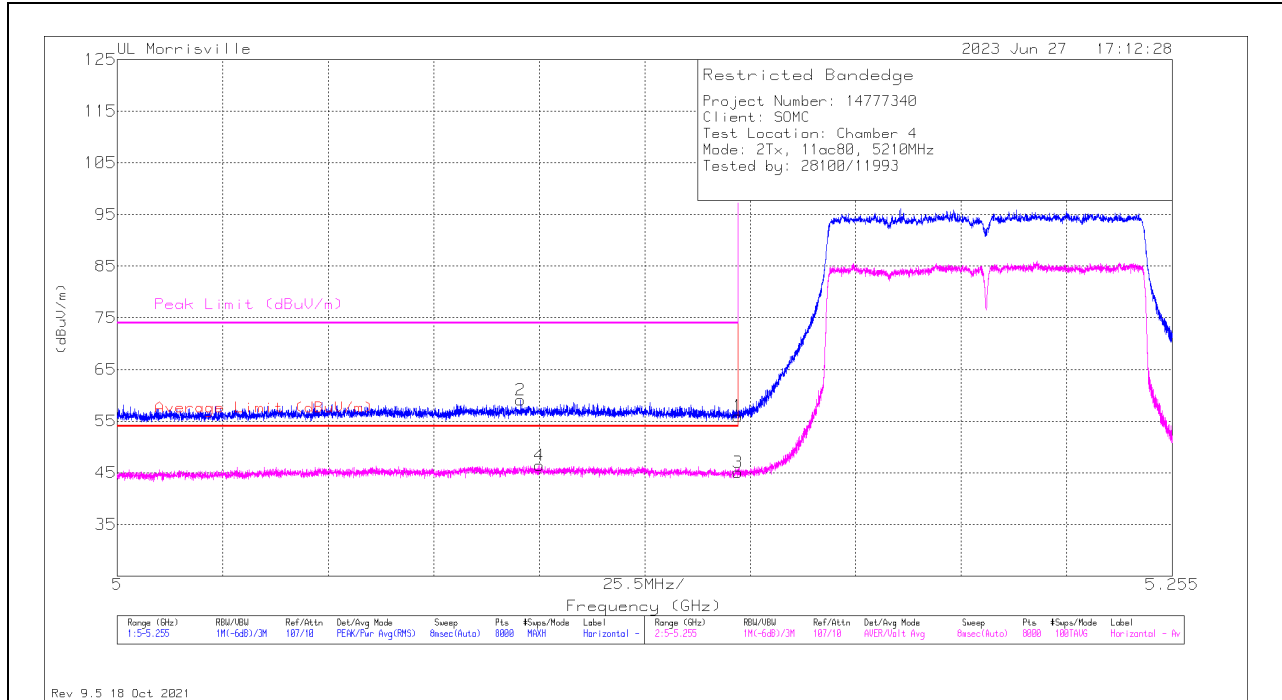
ADV - Linear Voltage Average

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

#### 2TX CDD MODE

#### BANDEDGE (MID CHANNEL)

#### HORIZONTAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	89509 ACF (dB/m)	Gain/Loss (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
2	5.09745	34.38	Pk	34.1	-9.4	59.08	-	-	74	-14.92	329	109	H
4	5.10208	21.79	ADV	34.1	-9.5	46.39	54	-7.61	-	-	329	109	H
1	5.14999	31.26	Pk	34.2	-9.5	55.96	-	-	74	-18.04	329	109	H
3	5.14999	20.36	ADV	34.2	-9.5	45.06	54	-8.94	-	-	329	109	H

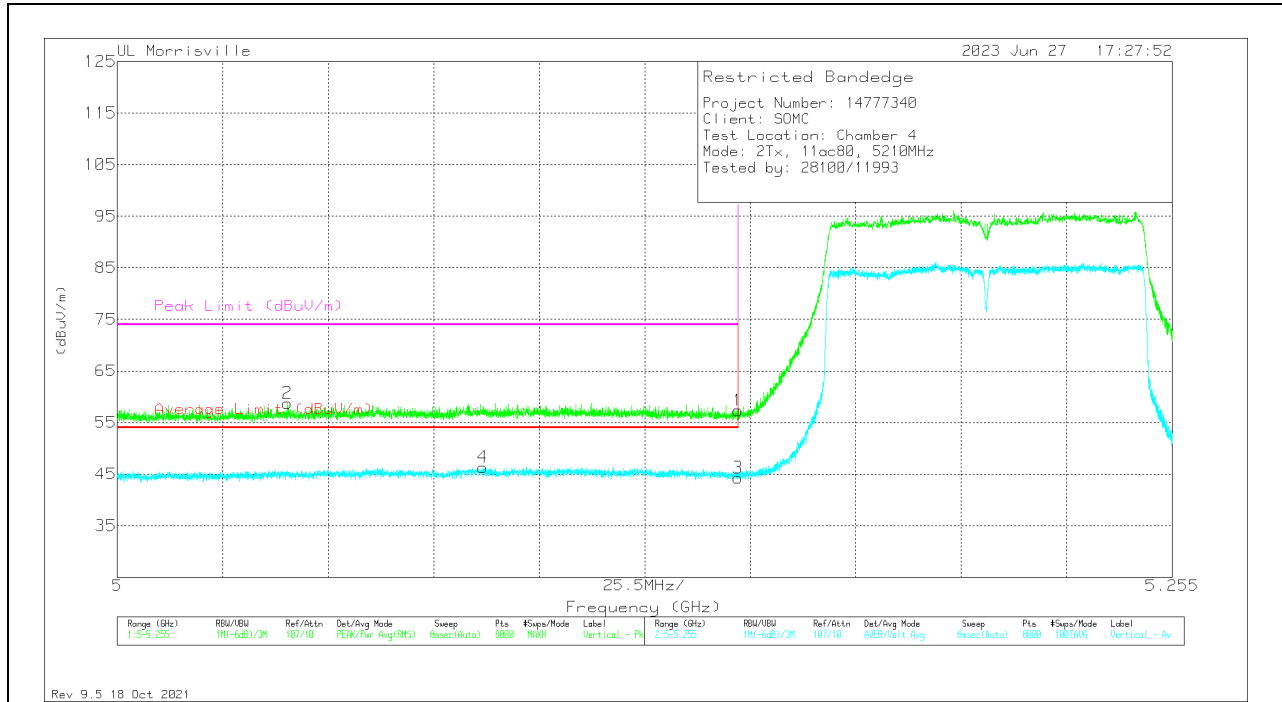
\* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

\*\* - indicates frequency in Taiwan NCC LP0002 Restricted Band

Pk - Peak detector

ADV - Linear Voltage Average

**VERTICAL RESULT**



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	89509 ACF (dB/m)	Gain/Loss (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
2	5.04109	33.87	Pk	34.1	-9.2	58.77	-	-	74	-15.23	298	140	V
4	5.0884	21.64	ADV	34.1	-9.4	46.34	54	-7.66	-	-	298	140	V
1	5.14999	32.63	Pk	34.2	-9.5	57.33	-	-	74	-16.67	298	140	V
3	5.14999	19.55	ADV	34.2	-9.5	44.25	54	-9.75	-	-	298	140	V

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

\*\* - indicates frequency in Taiwan NCC LP0002 Restricted Band

Pk - Peak detector

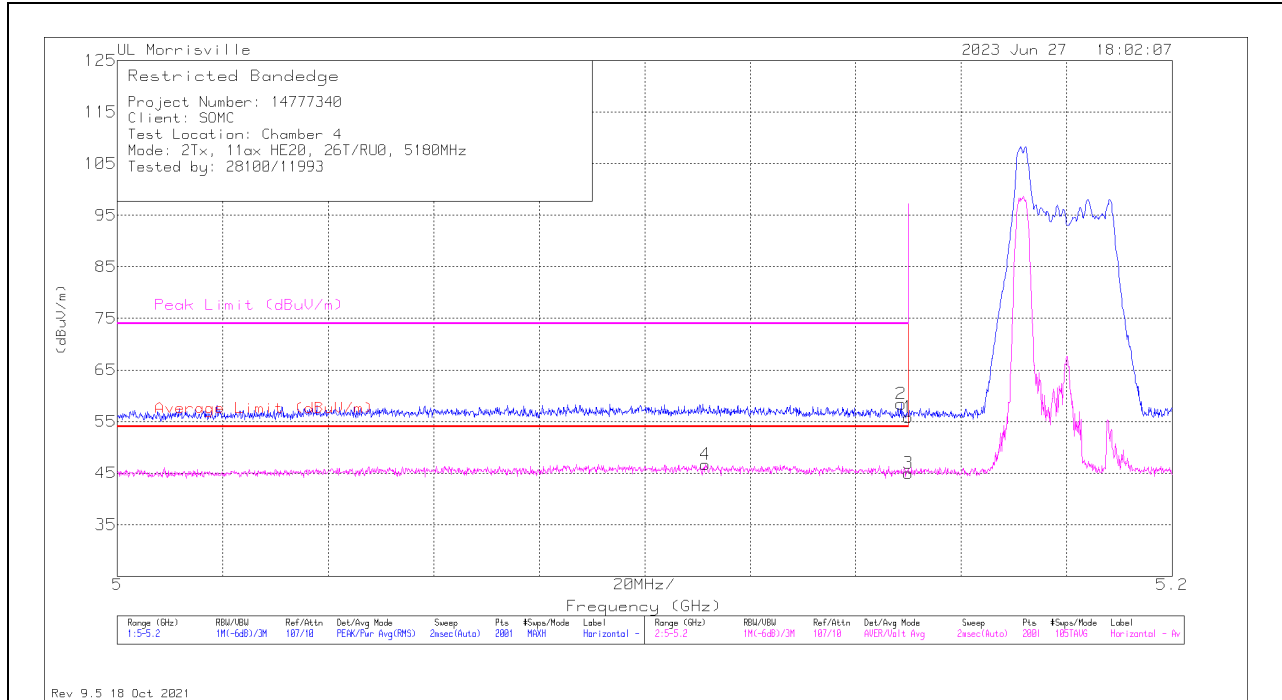
ADV - Linear Voltage Average

### 10.1.5. TX ABOVE 1 GHz 802.11ax HE20 MODE IN THE 5.2 GHz BAND

#### 2TX CDD MODE – 26T

#### BANDEDGE (LOW CHANNEL)

#### HORIZONTAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	89509 ACF (dB/m)	Gain/Loss (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	*** 5.15	31.14	Pk	34.2	-9.5	0	55.84	-	-	74	-18.16	317	151	H
2	** 5.1486	33.83	Pk	34.2	-9.6	0	58.43	-	-	74	-15.57	317	151	H
3	*** 5.15	19.8	ADV	34.2	-9.5	.49	44.99	54	-9.01	-	-	317	151	H
4	*** 5.1115	21.49	ADV	34.1	-9.4	.49	46.68	54	-7.32	-	-	317	151	H

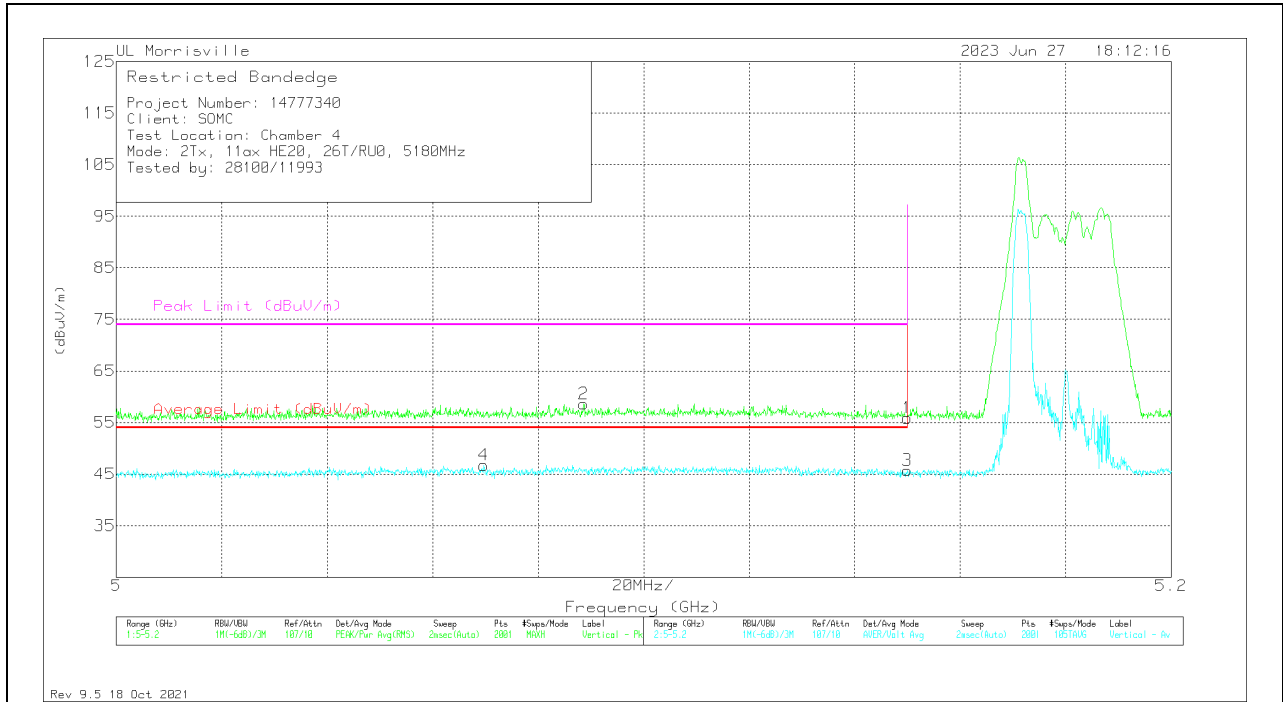
\* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

\*\* - indicates frequency in Taiwan NCC LP0002 Restricted Band

Pk - Peak detector

ADV - Linear Voltage Average

**VERTICAL RESULT**

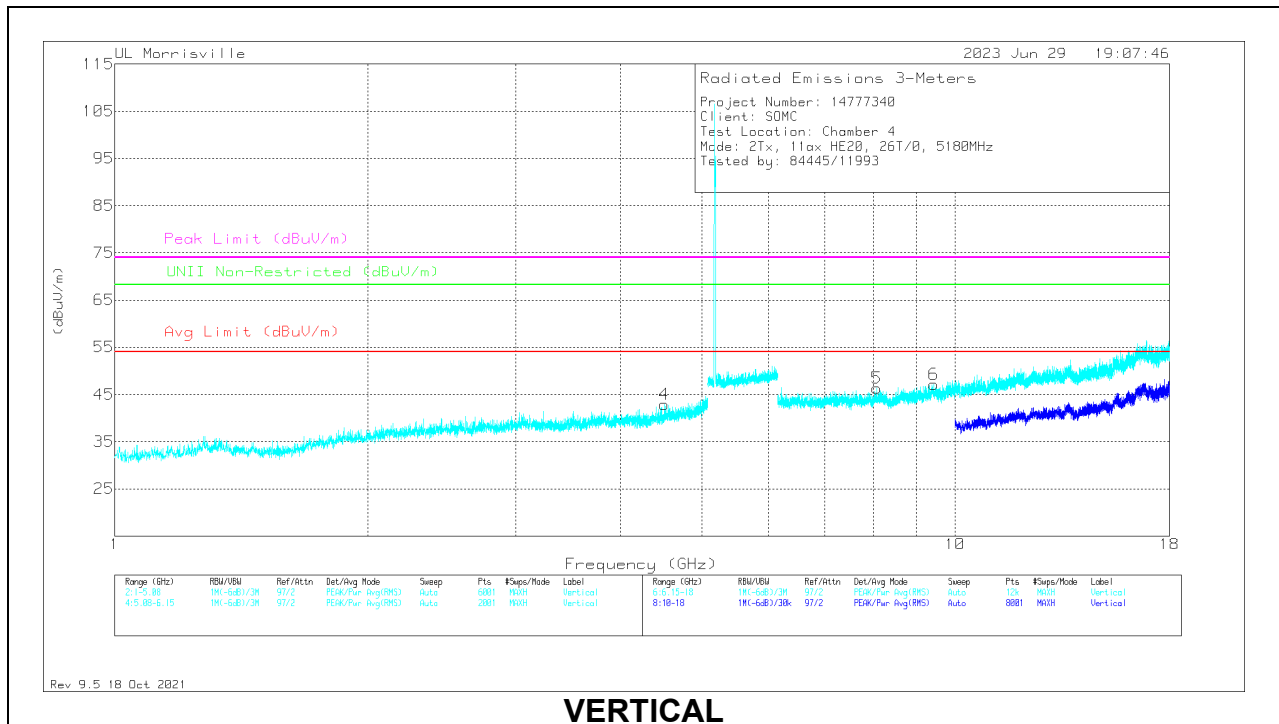
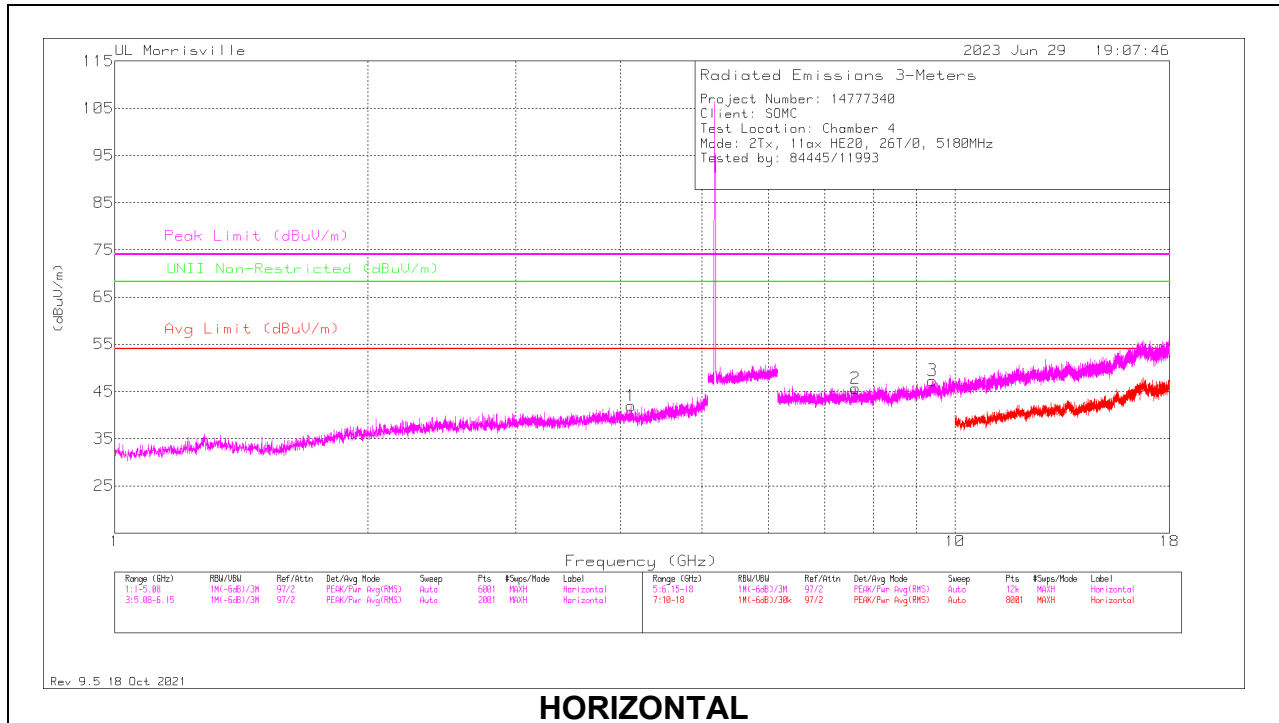


Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	89509 ACF (dB/m)	Gain/Loss (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	*** 5.15	31.17	Pk	34.2	-9.5	0	55.87	-	-	74	-18.13	317	151	V
2	** 5.0886	33.91	Pk	34.1	-9.4	0	58.61	-	-	74	-15.39	317	151	V
3	*** 5.15	20.51	ADV	34.2	-9.5	.49	45.7	54	-8.3	-	-	317	151	V
4	*** 5.0697	21.74	ADV	34.1	-9.6	.49	46.73	54	-7.27	-	-	317	151	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 RESULTS**



**RADIATED EMISSIONS**

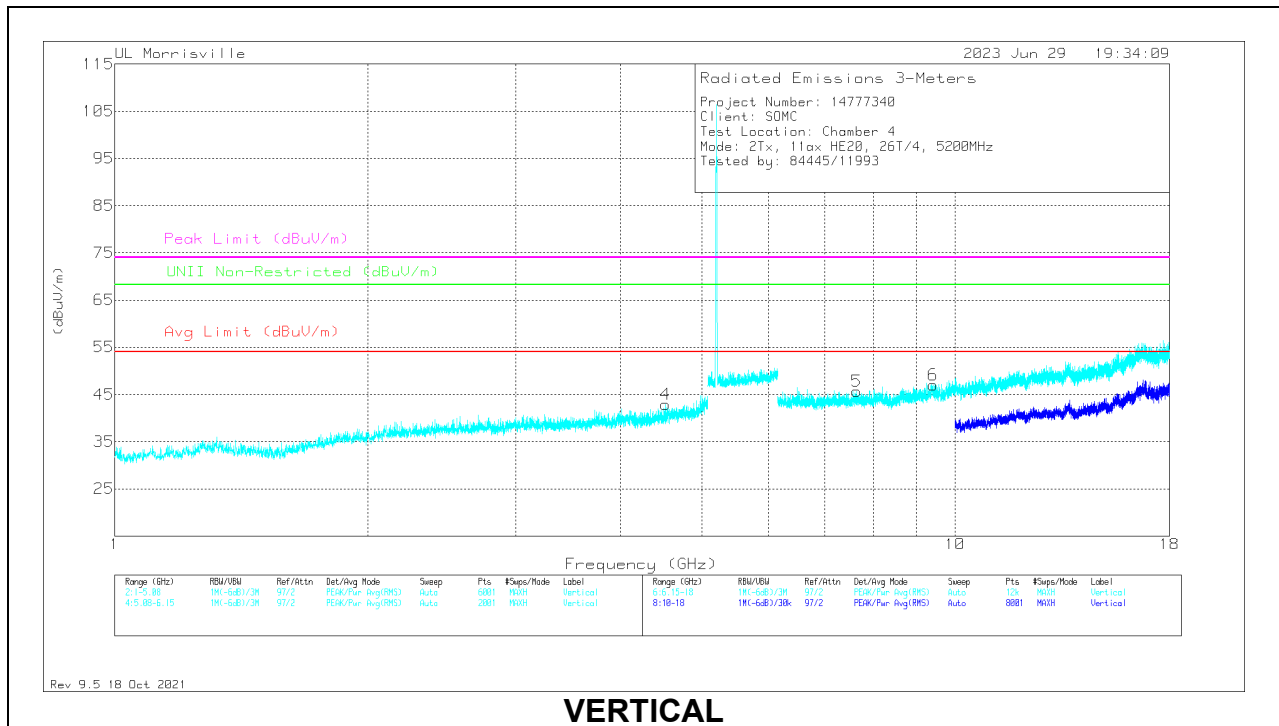
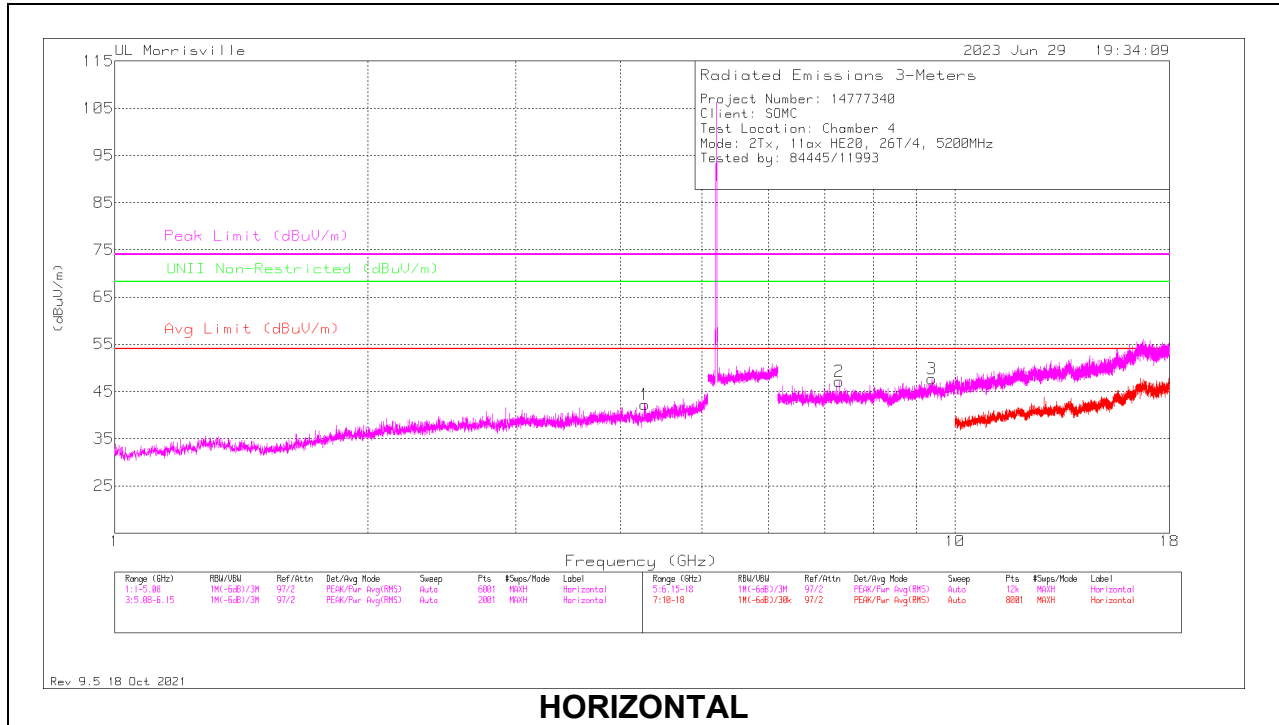
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	89509 ACF (dB/m)	Gain/Loss (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	*** 4.11644	40.07	Pk	33.4	-31.5	0	41.97	54	-12.03	74	-32.03	-	-	0-360	100	H
4	*** 4.50948	40.39	Pk	33.8	-31.3	0	42.89	54	-11.11	74	-31.11	-	-	0-360	200	V
2	*** 7.61644	37.03	Pk	35.7	-27	0	45.73	54	-8.27	74	-28.27	-	-	0-360	100	H
3	*** 9.40085	36.23	Pk	36.6	-25.5	0	47.33	54	-6.67	74	-26.67	-	-	0-360	100	H
5	*** 8.07266	37.56	Pk	35.8	-27	0	46.36	54	-7.64	74	-27.64	-	-	0-360	200	V
6	*** 9.4364	35.89	Pk	36.7	-25.5	0	47.09	54	-6.91	74	-26.91	-	-	0-360	200	V

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

\*\* - indicates frequency in Taiwan NCC LP0002 Restricted Band

Pk - Peak detector

### MID CHANNEL RESULTS





**RADIATED EMISSIONS**

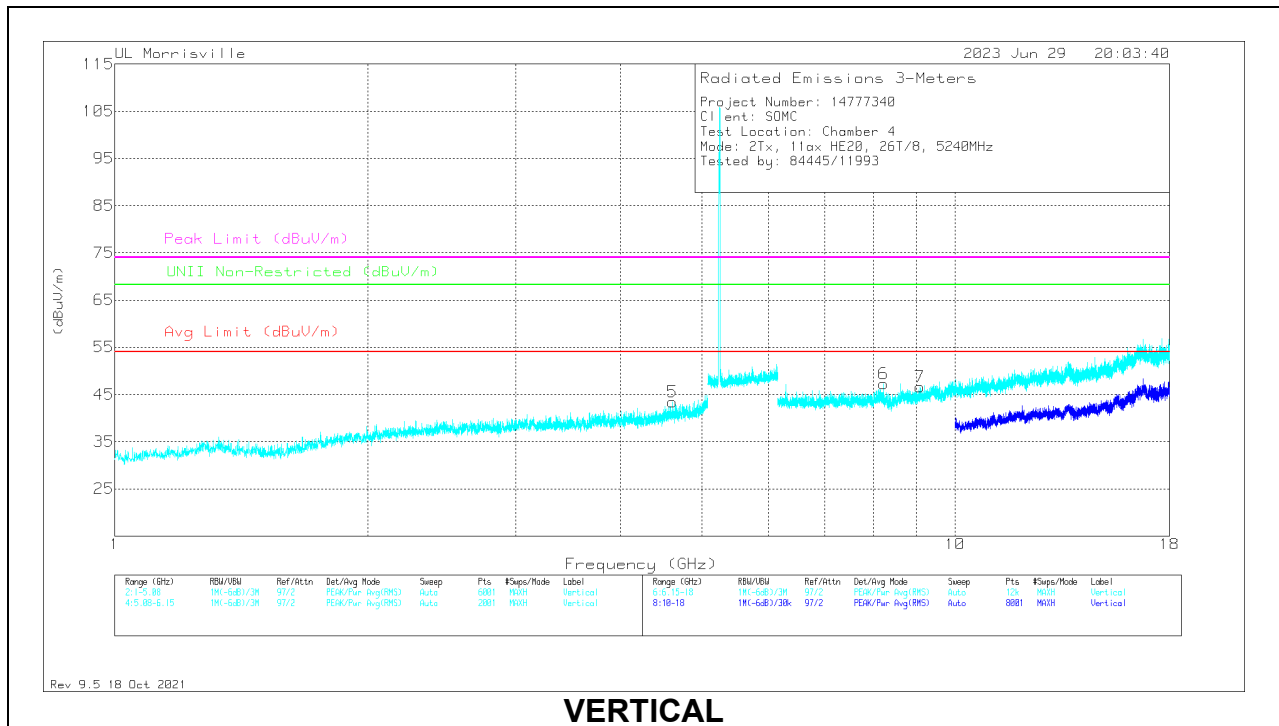
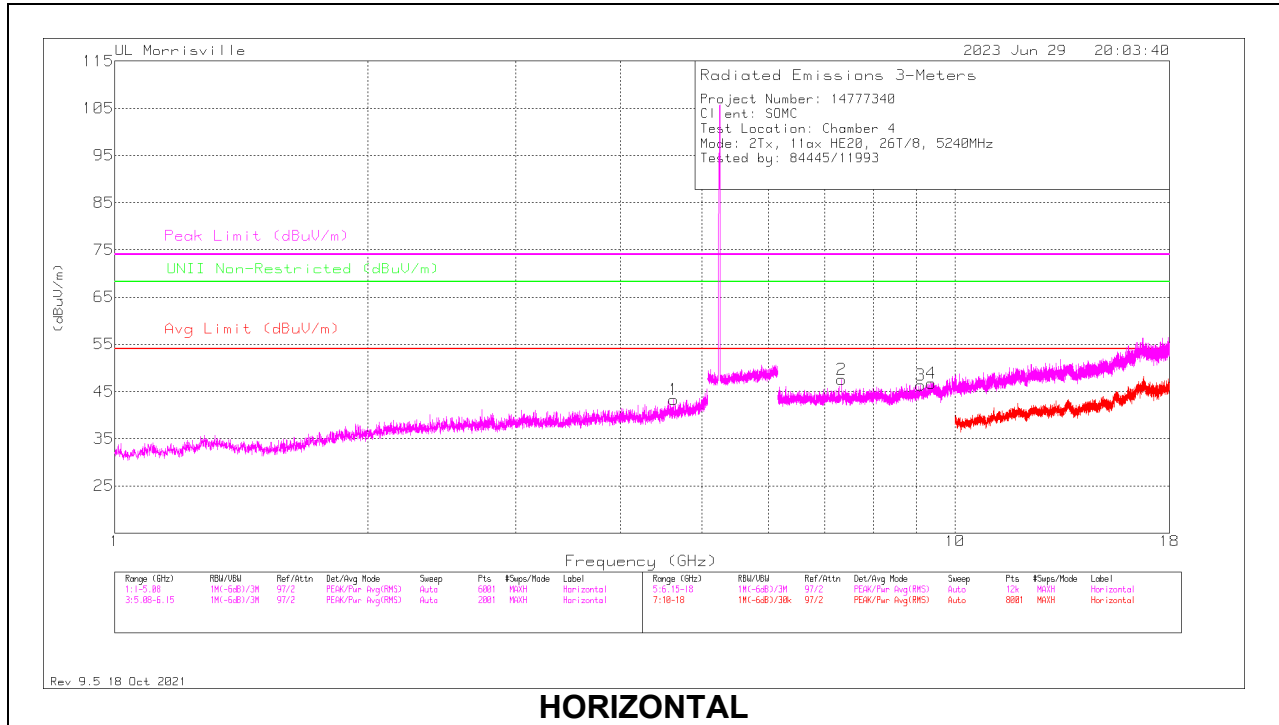
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	89509 ACF (dB/m)	Gain/Loss (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* ** 4.27148	40.66	Pk	33.4	-31.9	0	42.16	54	-11.84	74	-31.84	-	-	0-360	100	H
4	* ** 4.5258	40.56	Pk	33.9	-31.6	0	42.86	54	-11.14	74	-31.14	-	-	0-360	200	V
2	* ** 7.28069	39.35	Pk	35.7	-27.9	0	47.15	54	-6.85	74	-26.85	-	-	0-360	100	H
3	* ** 9.38406	36.2	Pk	36.6	-25.1	0	47.7	54	-6.3	74	-26.3	-	-	0-360	100	H
5	* ** 7.64211	37.05	Pk	35.7	-27.1	0	45.65	54	-8.35	74	-28.35	-	-	0-360	200	V
6	* ** 9.41863	35.65	Pk	36.6	-25.3	0	46.95	54	-7.05	74	-27.05	-	-	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

### HIGH CHANNEL RESULTS



**RADIATED EMISSIONS**

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	89509 ACF (dB/m)	Gain/Loss (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	* ** 4.62372	39.87	Pk	34.1	-30.7	0	43.27	54	-10.73	74	-30.73	-	-	0-360	100	H
5	* ** 4.61284	40.65	Pk	34.1	-31.3	0	43.45	54	-10.55	74	-30.55	-	-	0-360	200	V
2	* ** 7.3271	39.48	Pk	35.6	-27.5	0	47.58	54	-6.42	74	-26.42	-	-	0-360	100	H
3	* ** 9.10361	35.45	Pk	36.3	-25.4	0	46.35	54	-7.65	74	-27.65	-	-	0-360	100	H
4	* ** 9.37814	35.48	Pk	36.6	-25.3	0	46.78	54	-7.22	74	-27.22	-	-	0-360	100	H
6	* ** 8.22276	38.32	Pk	35.8	-26.8	0	47.32	54	-6.68	74	-26.68	-	-	0-360	200	V
7	* ** 9.08485	35.79	Pk	36.3	-25.5	0	46.59	54	-7.41	74	-27.41	-	-	0-360	200	V

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

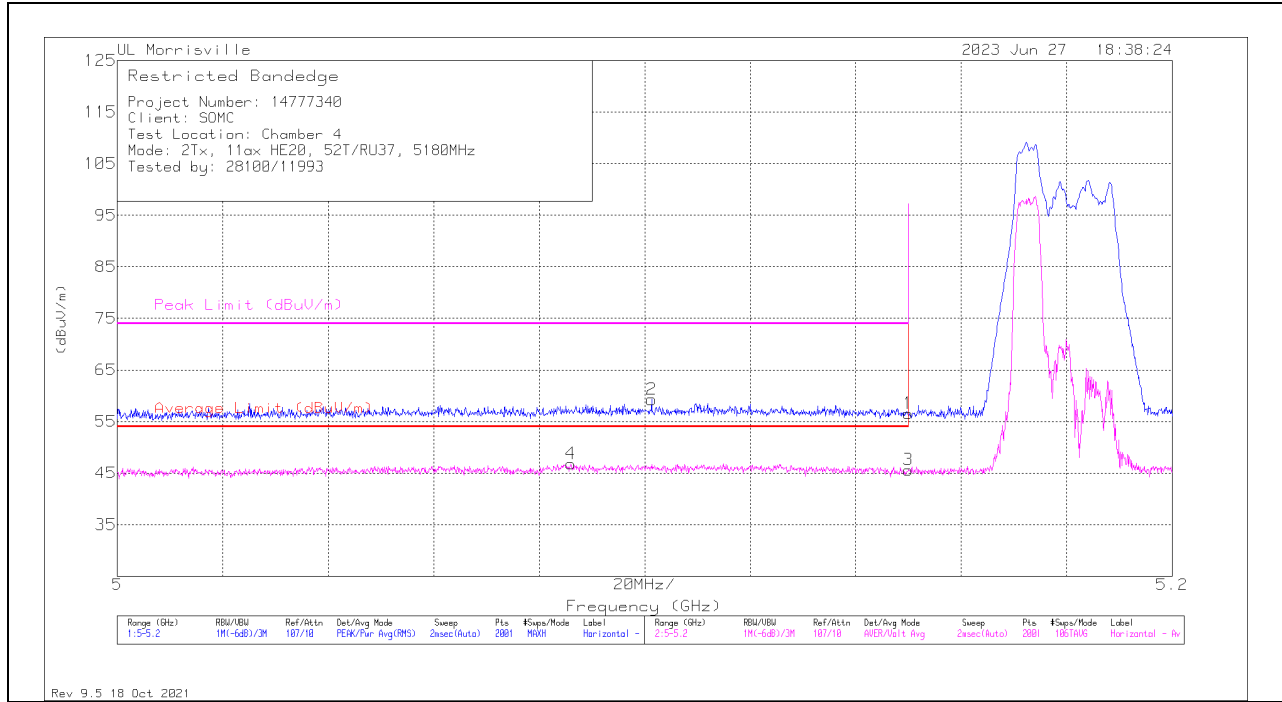
\*\* - indicates frequency in Taiwan NCC LP0002 Restricted Band

Pk - Peak detector

**2TX CDD MODE – 52T**

**BANDEDGE (LOW CHANNEL)**

**HORIZONTAL RESULT**



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	89509 ACF (dB/m)	Gain/Loss (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	*** 5.15	31.85	Pk	34.2	-9.5	0	56.55	-	-	74	-17.45	318	127	H
2	** 5.1013	34.59	Pk	34.1	-9.4	0	59.29	-	-	74	-14.71	318	127	H
3	*** 5.15	20.41	ADV	34.2	-9.5	.52	45.63	54	-8.37	-	-	318	127	H
4	*** 5.086	21.61	ADV	34.1	-9.4	.52	46.83	54	-7.17	-	-	318	127	H

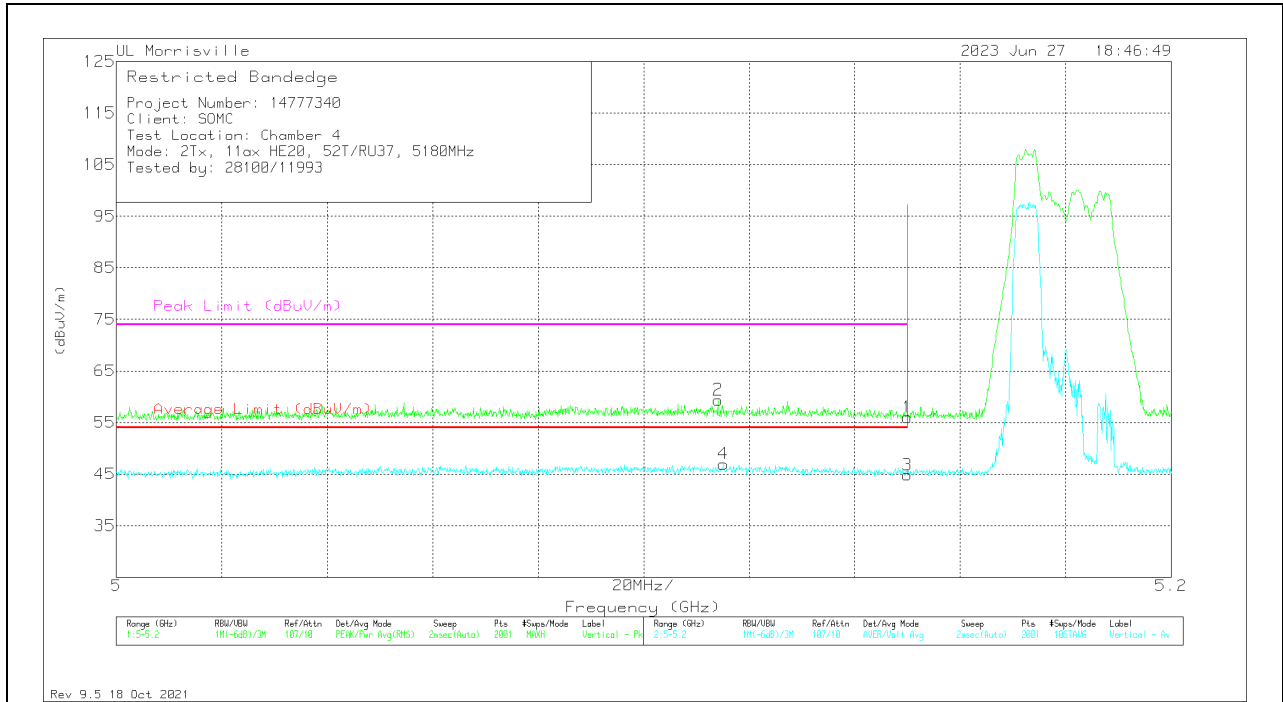
\* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

\*\* - indicates frequency in Taiwan NCC LP0002 Restricted Band

Pk - Peak detector

ADV - Linear Voltage Average

**VERTICAL RESULT**



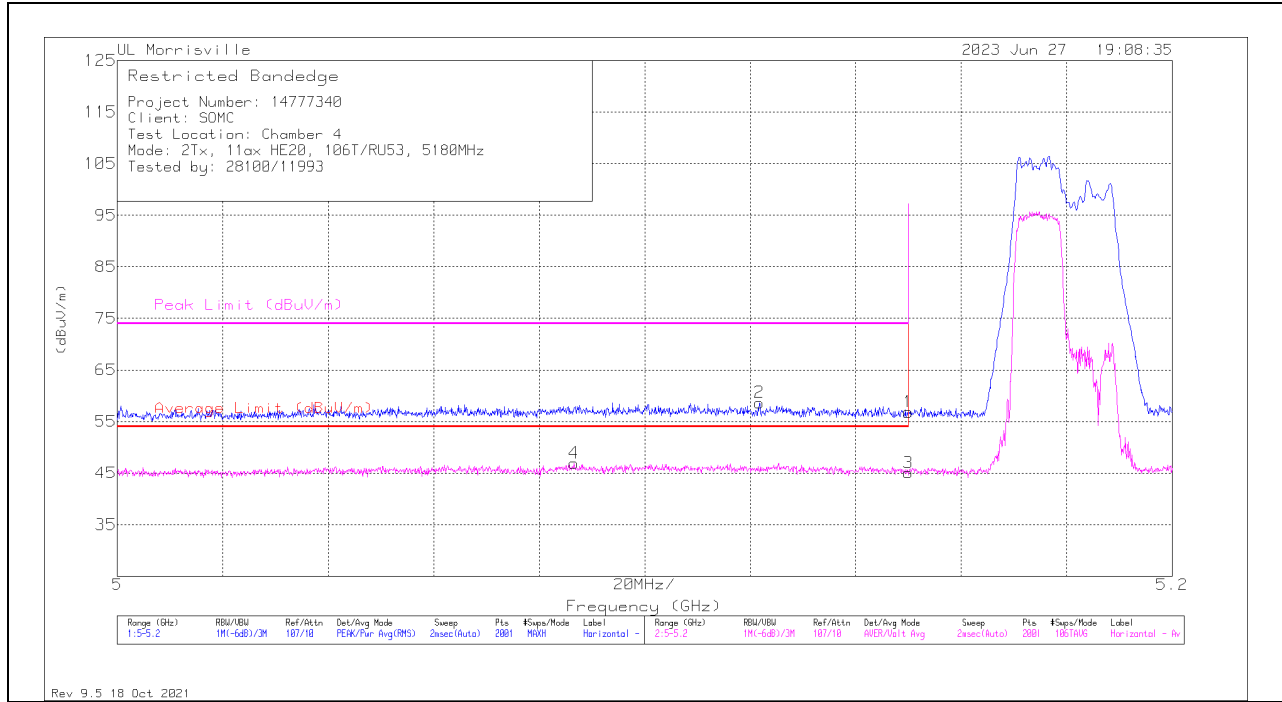
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	89509 ACF (dB/m)	Gain/Loss (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	*** 5.15	31.3	Pk	34.2	-9.5	0	56	-	-	74	-18	318	127	V
2	** 5.1141	34.68	Pk	34.1	-9.4	0	59.38	-	-	74	-14.62	318	127	V
3	** 5.15	19.61	ADV	34.2	-9.5	.52	44.83	54	-9.17	-	-	318	127	V
4	** 5.1151	21.74	ADV	34.1	-9.4	.52	46.96	54	-7.04	-	-	318	127	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

**2TX CDD MODE – 106T**

**BANDEDGE (LOW CHANNEL)**

**HORIZONTAL RESULT**



Rev. 9.5 18 Oct 2021

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	89509 ACF (dB/m)	Gain/Loss (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	*** 5.15	32.15	Pk	34.2	-9.5	0	56.85	-	-	74	-17.15	319	135	H
2	*** 5.1217	34.06	Pk	34.1	-9.5	0	58.66	-	-	74	-15.34	319	135	H
3	*** 5.15	19.84	ADV	34.2	-9.5	.54	45.08	54	-8.92	-	-	319	135	H
4	*** 5.0866	21.69	ADV	34.1	-9.4	.54	46.93	54	-7.07	-	-	319	135	H

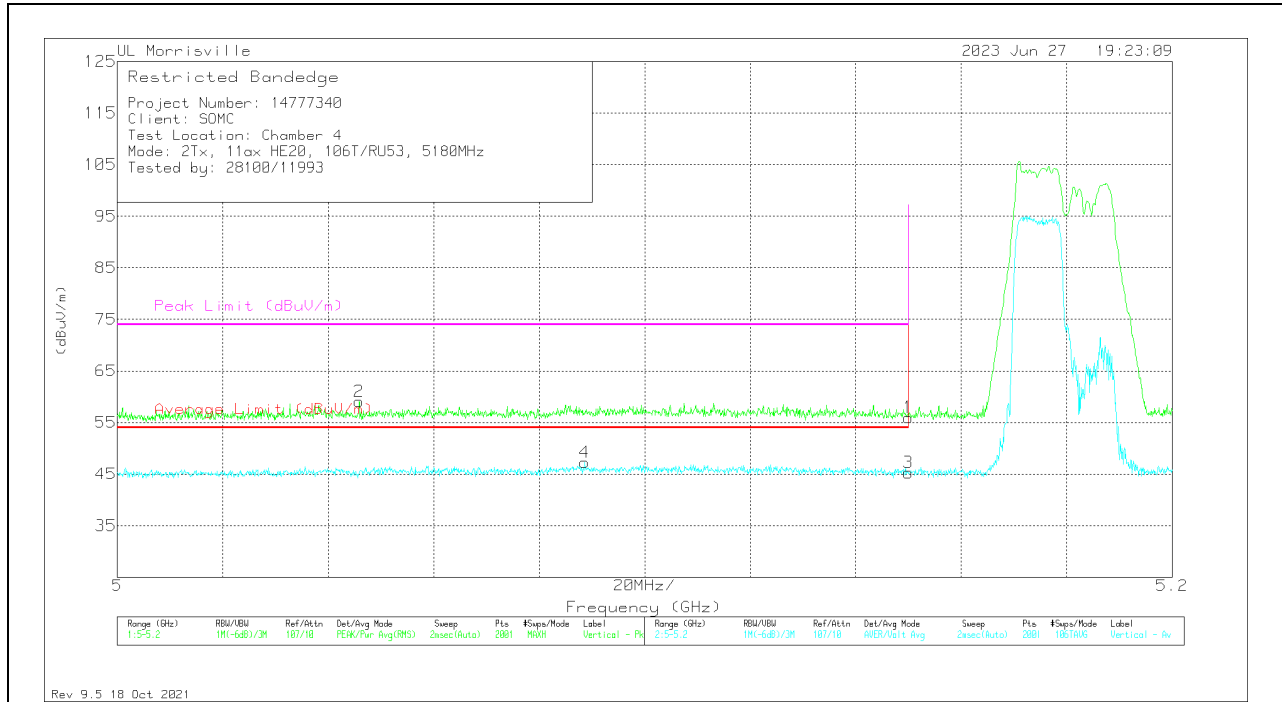
\* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

\*\* - indicates frequency in Taiwan NCC LP0002 Restricted Band

Pk - Peak detector

ADV - Linear Voltage Average

**VERTICAL RESULT**



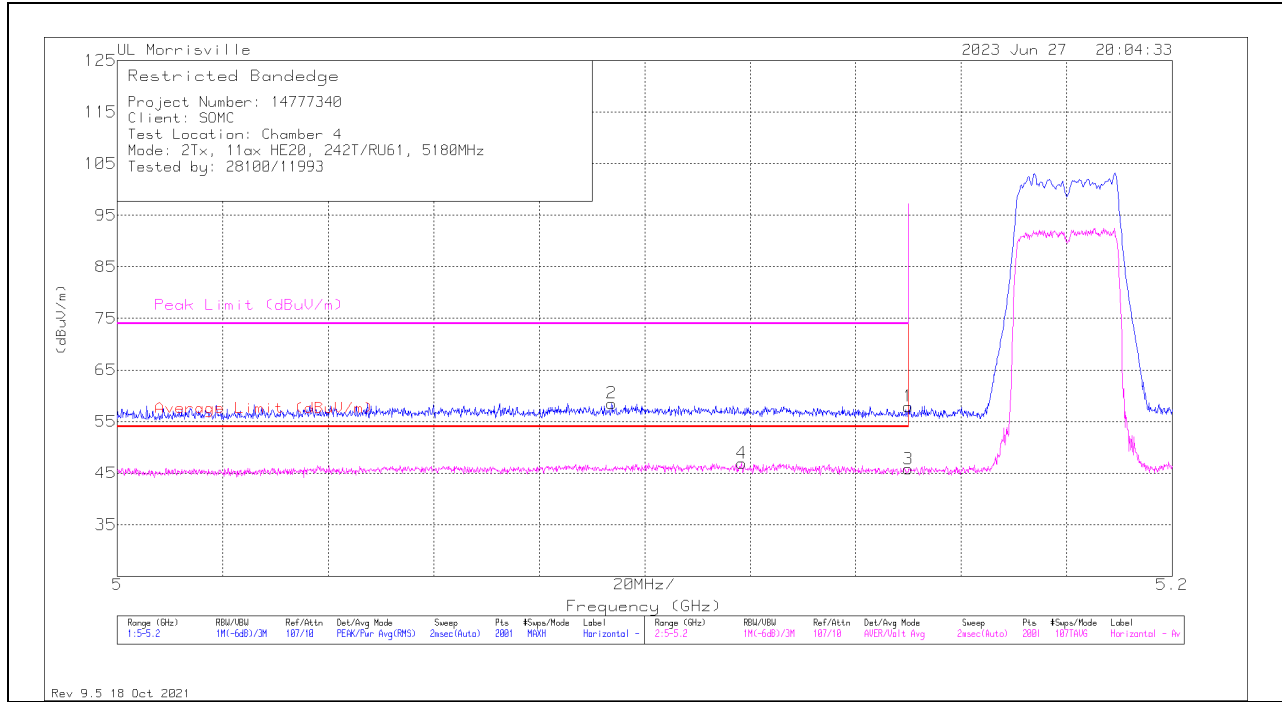
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	89509 ACF (dB/m)	Gain/Loss (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	*** 5.15	31.27	Pk	34.2	-9.5	0	55.97	-	-	74	-18.03	319	125	V
2	** 5.0458	34.58	Pk	34.1	-9.6	0	59.08	-	-	74	-14.92	319	125	V
3	*** 5.15	20.04	ADV	34.2	-9.5	.54	45.28	54	-8.72	-	-	319	125	V
4	*** 5.0886	22.01	ADV	34.1	-9.4	.54	47.25	54	-6.75	-	-	319	125	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

**2TX CDD MODE – 242T**

**BANDEDGE (LOW CHANNEL)**

**HORIZONTAL RESULT**



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	89509 ACF (dB/m)	Gain/Loss (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	*** 5.15	33.23	Pk	34.2	-9.5	0	57.93	-	-	74	-16.07	319	125	H
2	*** 5.0937	34.04	Pk	34.1	-9.6	0	58.54	-	-	74	-15.46	319	125	H
3	*** 5.15	20.53	ADV	34.2	-9.5	.58	45.81	54	-8.19	-	-	319	125	H
4	*** 5.1184	21.64	ADV	34.1	-9.4	.58	46.92	54	-7.08	-	-	319	125	H

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

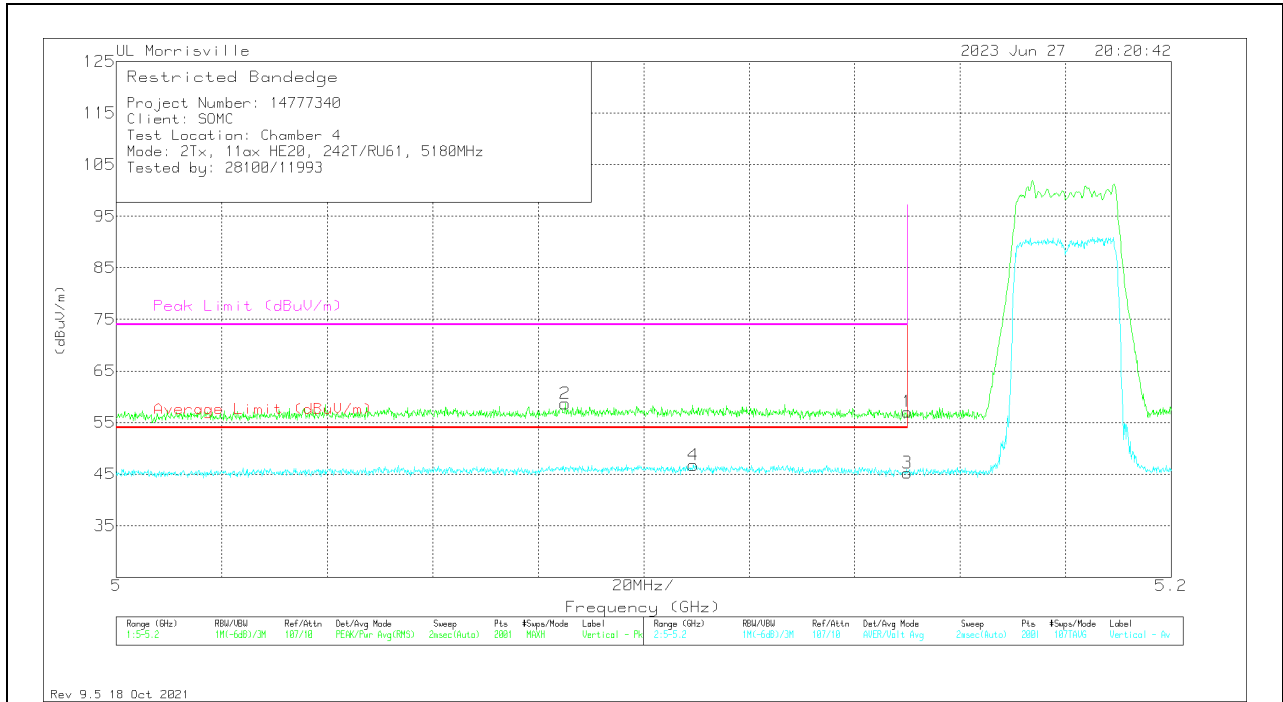
\*\* - indicates frequency in Taiwan NCC LP0002 Restricted Band

Pk - Peak detector

ADV - Linear Voltage Average



**VERTICAL RESULT**



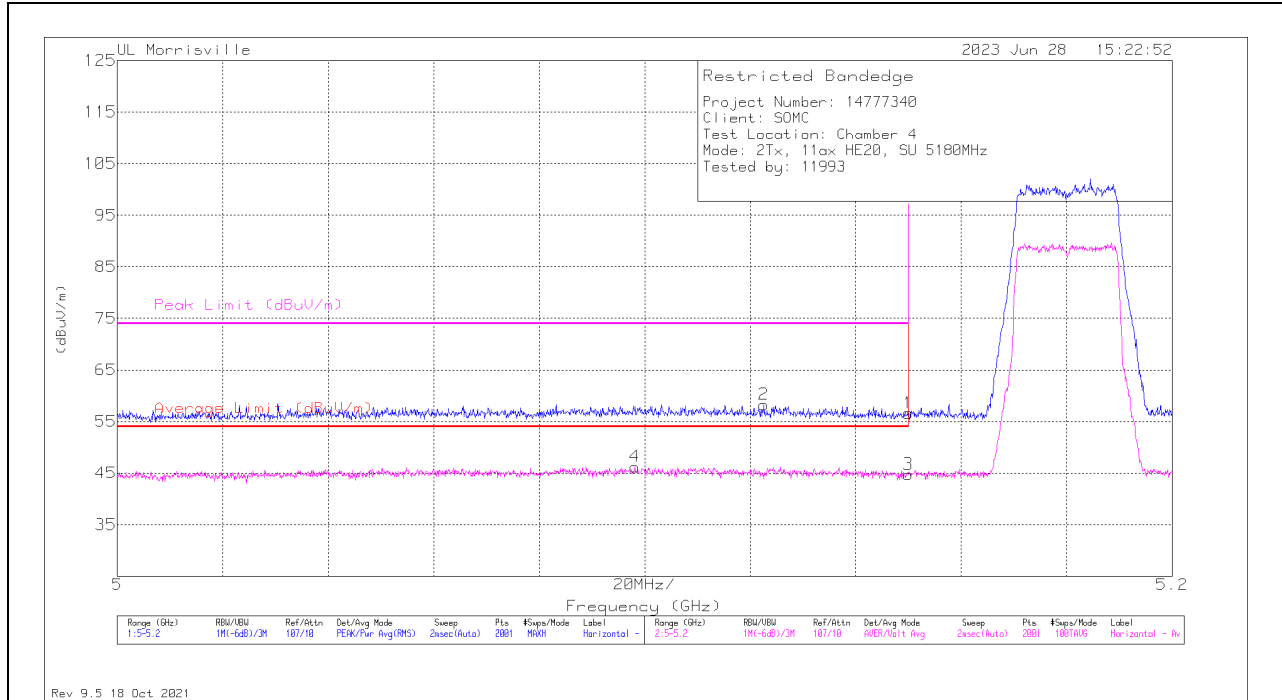
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	89509 ACF (dB/m)	Gain/Loss (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	*** 5.15	32.37	Pk	34.2	-9.5	0	57.07	-	-	74	-16.93	298	132	V
2	** 5.0851	33.98	Pk	34.1	-9.4	0	58.68	-	-	74	-15.32	298	132	V
3	*** 5.15	19.95	ADV	34.2	-9.5	.58	45.23	54	-8.77	-	-	298	132	V
4	*** 5.1094	21.35	ADV	34.1	-9.3	.58	46.73	54	-7.27	-	-	298	132	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

**2TX CDD MODE – SU**

**BANDEDGE (LOW CHANNEL)**

**HORIZONTAL RESULT**



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	89509 ACF (dB/m)	Gain/Loss (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	*** 5.15	31.9	Pk	34.2	-9.5	56.6	-	-	74	-17.4	71	109	H
2	*** 5.1226	33.59	Pk	34.1	-9.4	58.29	-	-	74	-15.71	71	109	H
3	*** 5.15	20.04	ADV	34.2	-9.5	44.74	54	-9.26	-	-	71	109	H
4	*** 5.0981	21.54	ADV	34.1	-9.4	46.24	54	-7.76	-	-	71	109	H

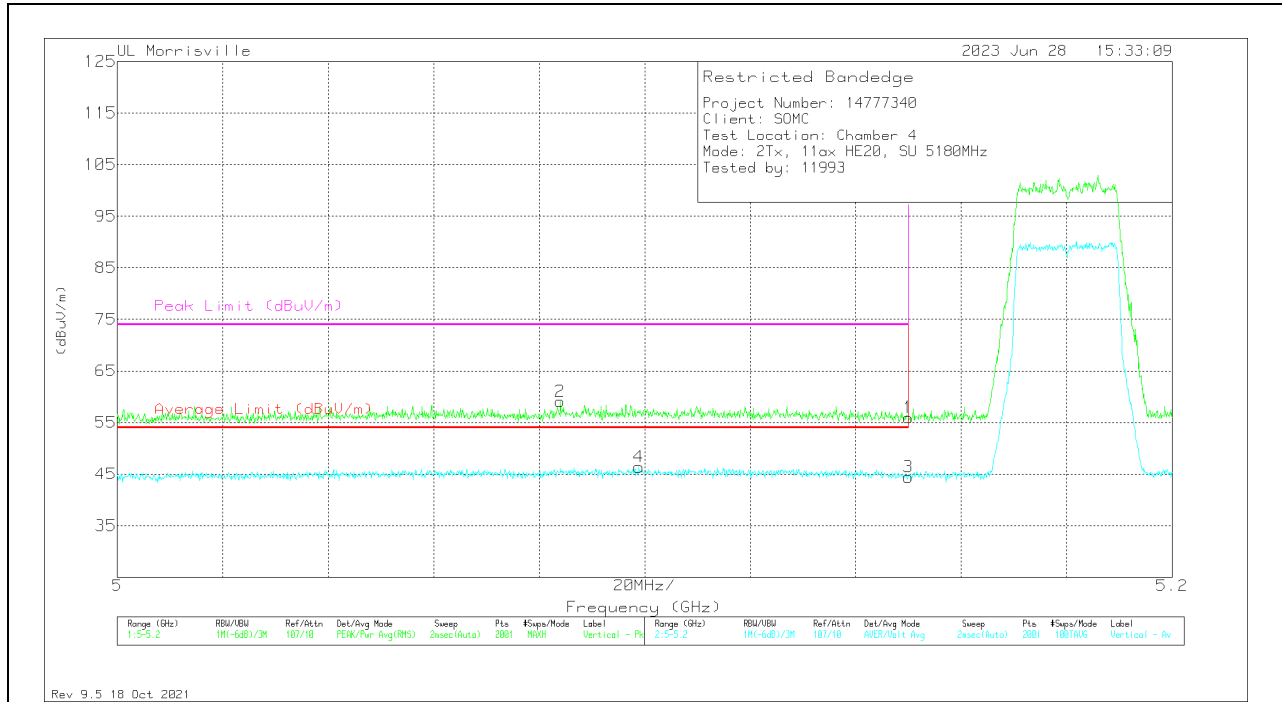
\* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

\*\* - indicates frequency in Taiwan NCC LP0002 Restricted Band

Pk - Peak detector

ADV - Linear Voltage Average

**VERTICAL RESULT**

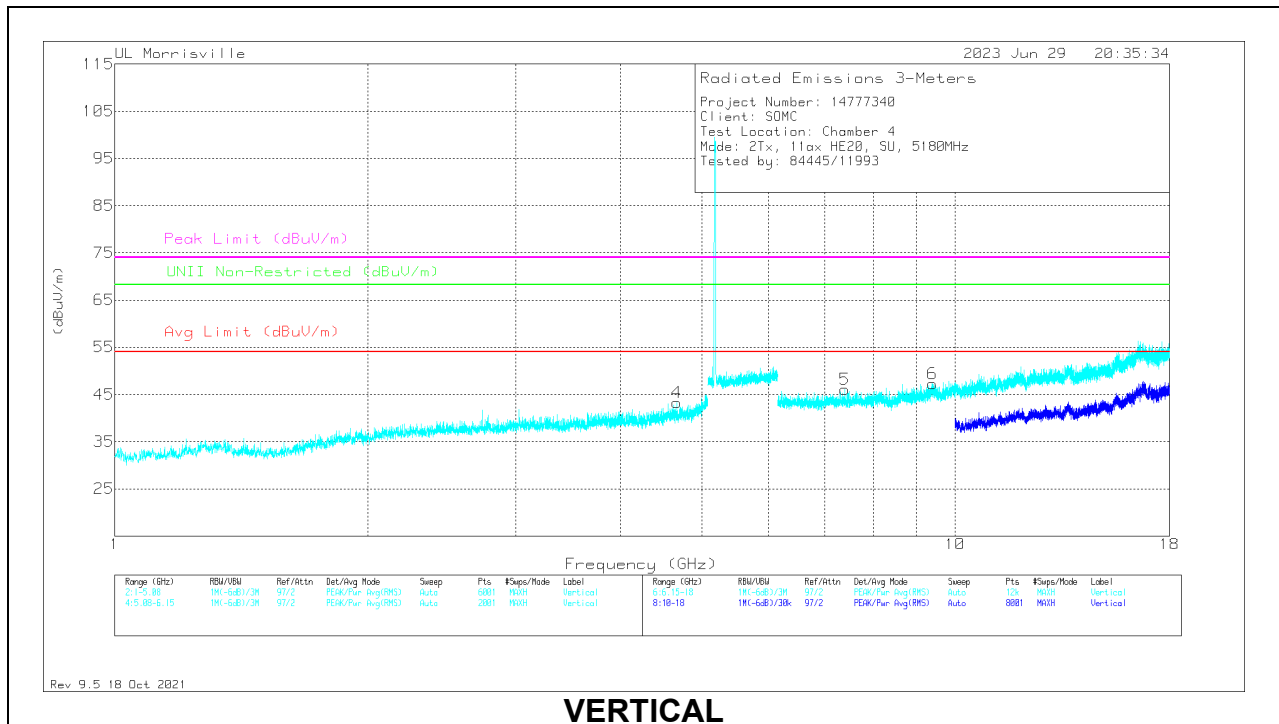
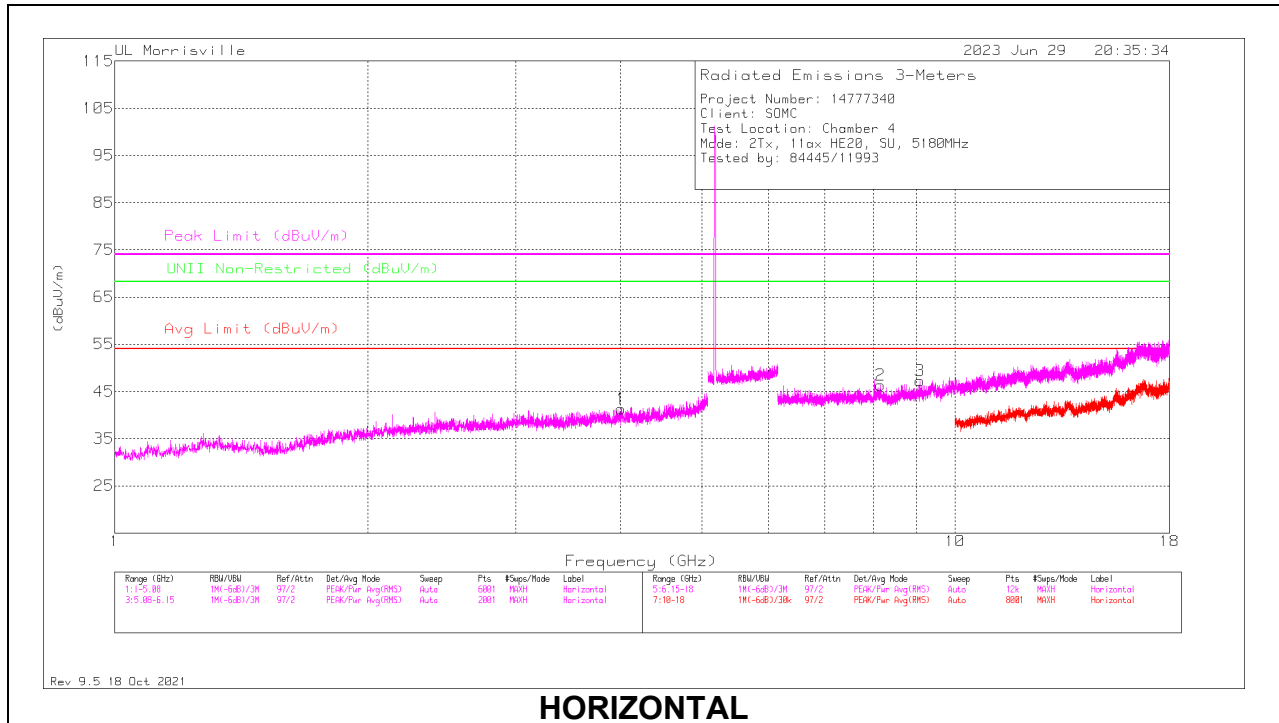


Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	89509 ACF (dB/m)	Gain/Loss (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
2	* ** 5.084	34.39	Pk	34.1	-9.4	59.09	-	-	74	-14.91	318	126	V
4	* ** 5.0989	21.67	ADV	34.1	-9.4	46.37	54	-7.63	-	-	318	126	V
1	* ** 5.15	31.23	Pk	34.2	-9.5	55.93	-	-	74	-18.07	318	126	V
3	* ** 5.15	19.74	ADV	34.2	-9.5	44.44	54	-9.56	-	-	318	126	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 RESULTS**



**RADIATED EMISSIONS**

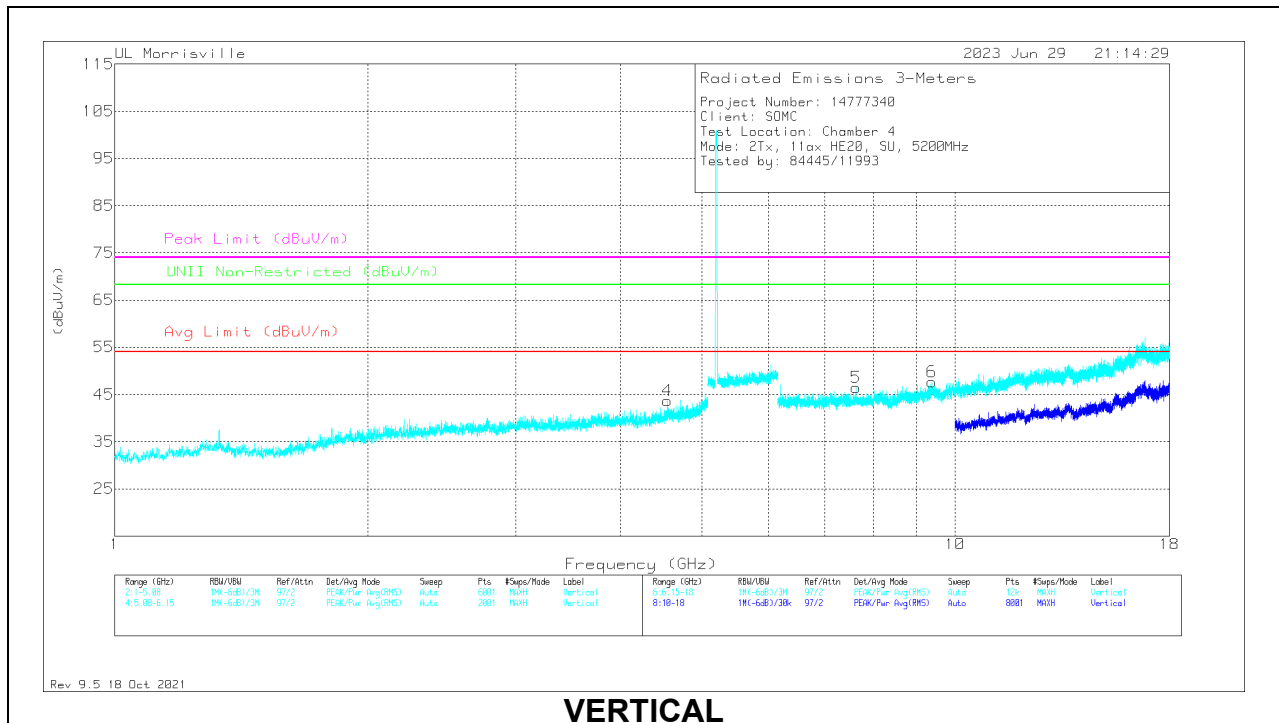
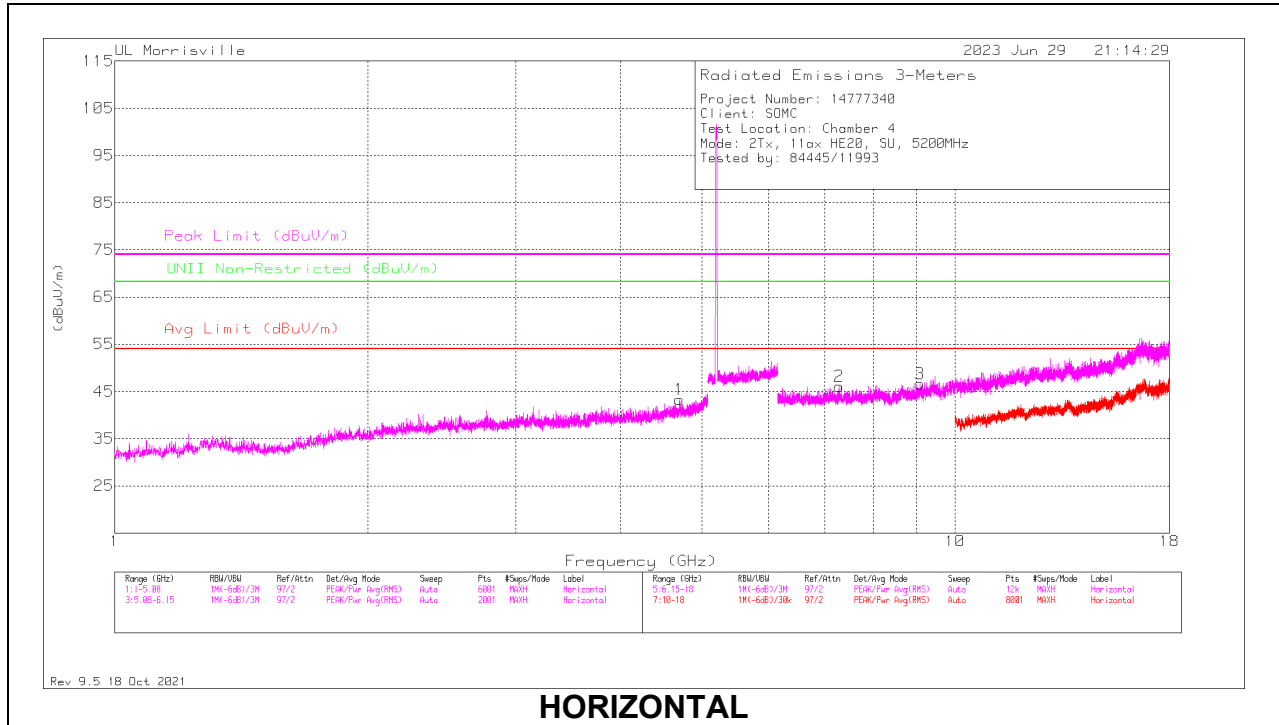
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	89509 ACF (dB/m)	Gain/Loss (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	*** 4.00696	40.62	Pk	33.4	-32.7	41.32	54	-12.68	74	-32.68	-	-	0-360	100	H
4	*** 4.66316	40.3	Pk	34.1	-31.1	43.3	54	-10.7	74	-30.7	-	-	0-360	200	V
2	*** 8.15068	37.58	Pk	35.8	-27	46.38	54	-7.62	74	-27.62	-	-	0-360	100	H
3	*** 9.08288	36.33	Pk	36.3	-25.4	47.23	54	-6.77	74	-26.77	-	-	0-360	100	H
5	*** 7.39721	37.32	Pk	35.6	-26.8	46.12	54	-7.88	74	-27.88	-	-	0-360	200	V
6	*** 9.40381	36.12	Pk	36.6	-25.4	47.32	54	-6.68	74	-26.68	-	-	0-360	200	V

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

\*\* - indicates frequency in Taiwan NCC LP0002 Restricted Band

Pk - Peak detector

**MID CHANNEL RESULTS**



**RADIATED EMISSIONS**

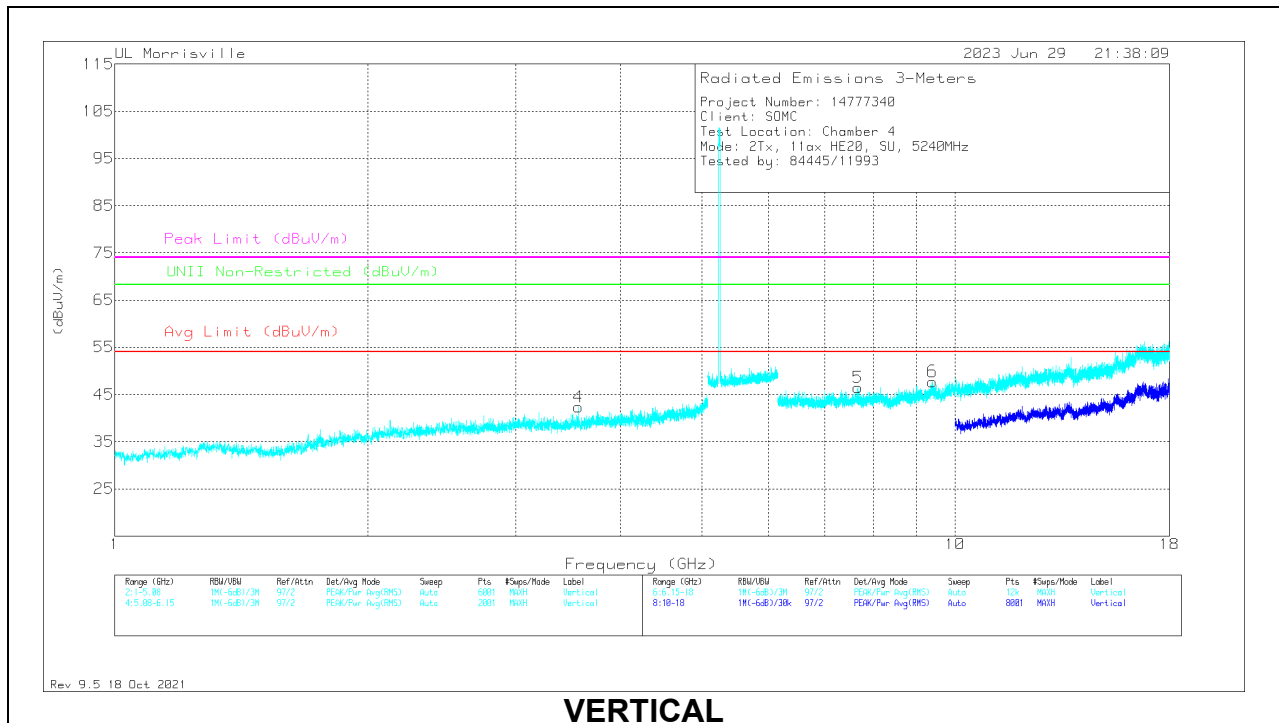
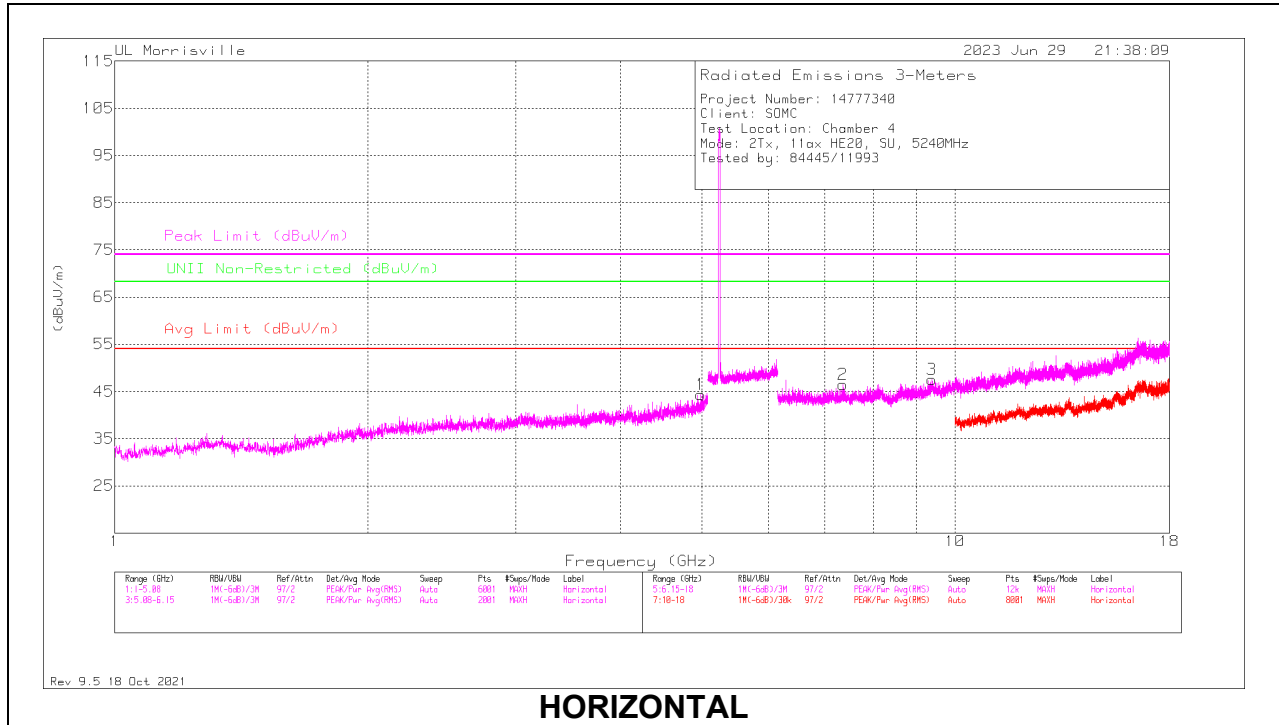
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	89509 ACF (dB/m)	Gain/Loss (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	*** 4.69784	40.62	Pk	34.1	-31.4	43.32	54	-10.68	74	-30.68	-	-	0-360	100	H
4	*** 4.55028	41.2	Pk	33.9	-31.4	43.7	54	-10.3	74	-30.3	-	-	0-360	200	V
2	*** 7.28464	38.01	Pk	35.7	-27.7	46.01	54	-7.99	74	-27.99	-	-	0-360	100	H
3	*** 9.08979	35.85	Pk	36.3	-25.6	46.55	54	-7.45	74	-27.45	-	-	0-360	100	H
5	*** 7.63026	37.81	Pk	35.7	-27	46.51	54	-7.49	74	-27.49	-	-	0-360	200	V
6	*** 9.38801	36.41	Pk	36.6	-25.4	47.61	54	-6.39	74	-26.39	-	-	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

### HIGH CHANNEL RESULTS





**RADIATED EMISSIONS**

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	89509 ACF (dB/m)	Gain/Loss (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	*** 4.97868	40.56	Pk	34	-30.2	44.36	54	-9.64	74	-29.64	-	-	0-360	100	H
4	*** 3.56292	43.43	Pk	32.9	-34	42.33	54	-11.67	74	-31.67	-	-	0-360	200	V
2	*** 7.36166	38.17	Pk	35.5	-27.2	46.47	54	-7.53	74	-27.53	-	-	0-360	100	H
3	*** 9.3811	35.98	Pk	36.6	-25.1	47.48	54	-6.52	74	-26.52	-	-	0-360	100	H
5	*** 7.66384	38.12	Pk	35.7	-27.4	46.42	54	-7.58	74	-27.58	-	-	0-360	200	V
6	*** 9.40678	36.73	Pk	36.6	-25.6	47.73	54	-6.27	74	-26.27	-	-	0-360	200	V

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

\*\* - indicates frequency in Taiwan NCC LP0002 Restricted Band

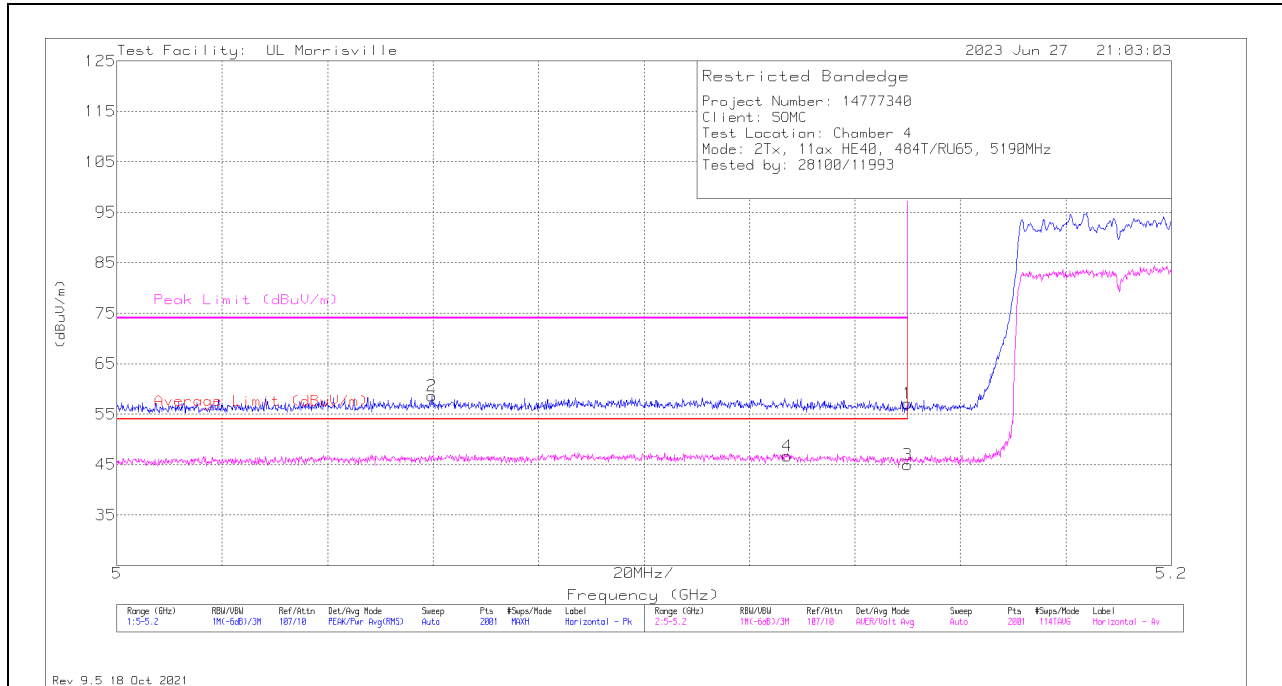
Pk - Peak detector

**10.1.6. TX ABOVE 1 GHz 802.11ax HE40 MODE IN THE 5.2 GHz BAND**

**2TX CDD MODE – 484T**

**BANDEDGE (LOW CHANNEL)**

**HORIZONTAL RESULT**



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	89509 ACF (dB/m)	Gain/Loss (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	*** 5.15	32.4	Pk	34.2	-9.5	0	57.1	-	-	74	-16.9	298	128	H
2	*** 5.0598	33.9	Pk	34.1	-9.4	0	58.6	-	-	74	-15.4	298	128	H
3	*** 5.15	19.66	ADV	34.2	-9.5	.61	44.97	54	-9.03	-	-	298	128	H
4	*** 5.1271	21.13	ADV	34.2	-9.2	.61	46.74	54	-7.26	-	-	298	128	H

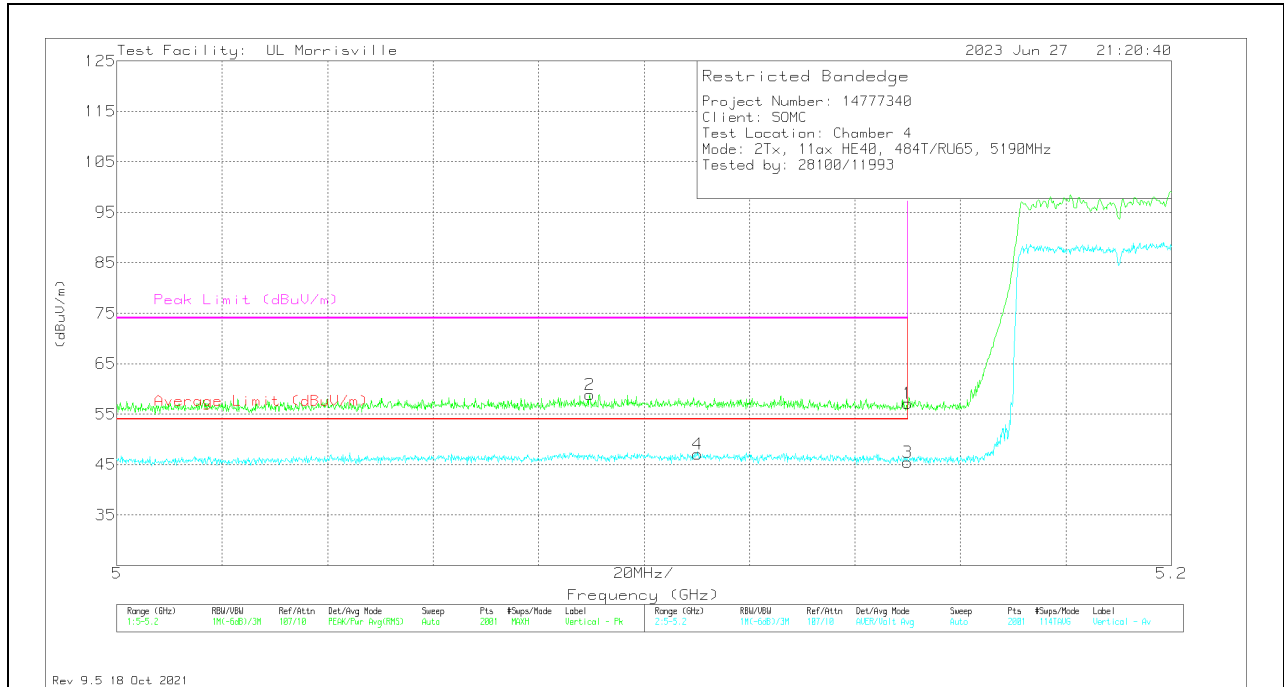
\* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

\*\* - indicates frequency in Taiwan NCC LP0002 Restricted Band

Pk - Peak detector

ADV - Linear Voltage Average

**VERTICAL RESULT**



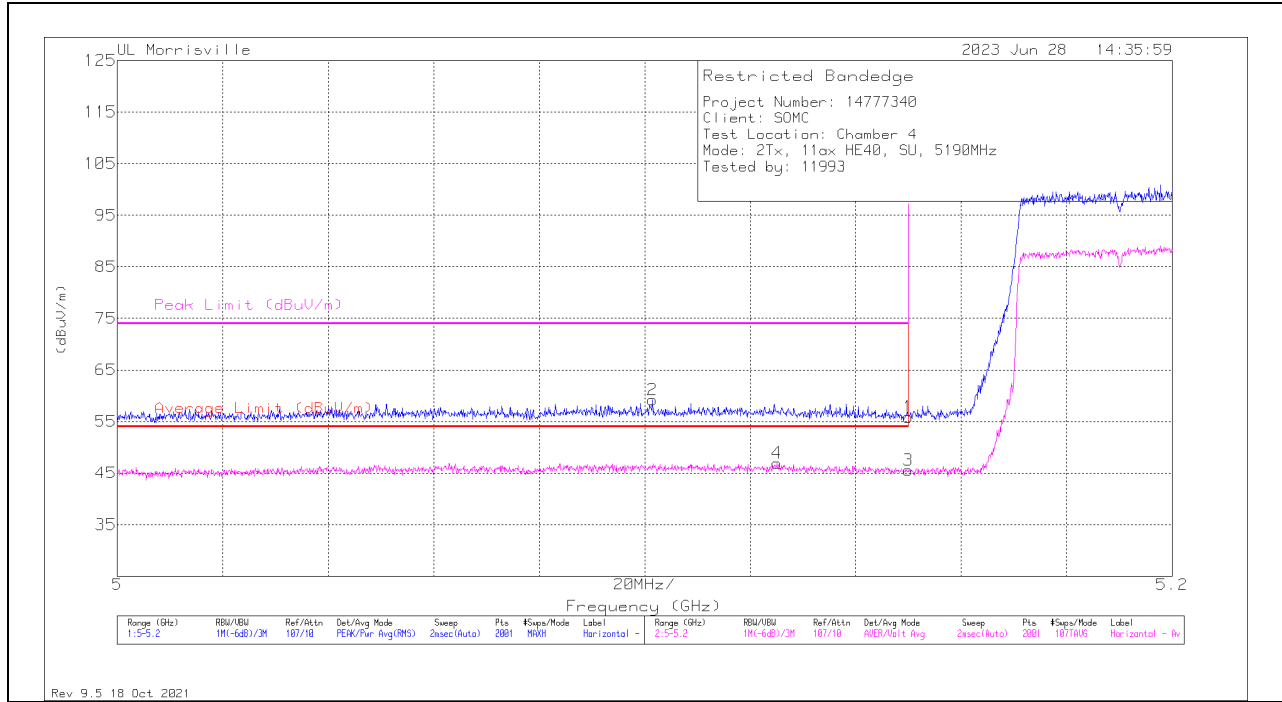
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	89509 ACF (dB/m)	Gain/Loss (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	*** 5.15	32.44	Pk	34.2	-9.5	0	57.14	-	-	74	-16.86	298	118	V
2	** 5.0897	34.31	Pk	34.1	-9.5	0	58.91	-	-	74	-15.09	298	118	V
3	*** 5.15	20.17	ADV	34.2	-9.5	.61	45.48	54	-8.52	-	-	298	118	V
4	*** 5.1101	21.65	ADV	34.1	-9.3	.61	47.06	54	-6.94	-	-	298	118	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

**2TX CDD MODE – SU**

**BANDEDGE (LOW CHANNEL)**

**HORIZONTAL RESULT**



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	89509 ACF (dB/m)	Gain/Loss (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* ** 5.15	31.18	Pk	34.2	-9.5	55.88	-	-	74	-18.12	328	115	H
2	** * 5.1015	34.48	Pk	34.1	-9.4	59.18	-	-	74	-14.82	328	115	H
3	* ** 5.15	20.24	ADV	34.2	-9.5	44.94	54	-9.06	-	-	328	115	H
4	* ** 5.1251	21.31	ADV	34.2	-9.2	46.31	54	-7.69	-	-	328	115	H

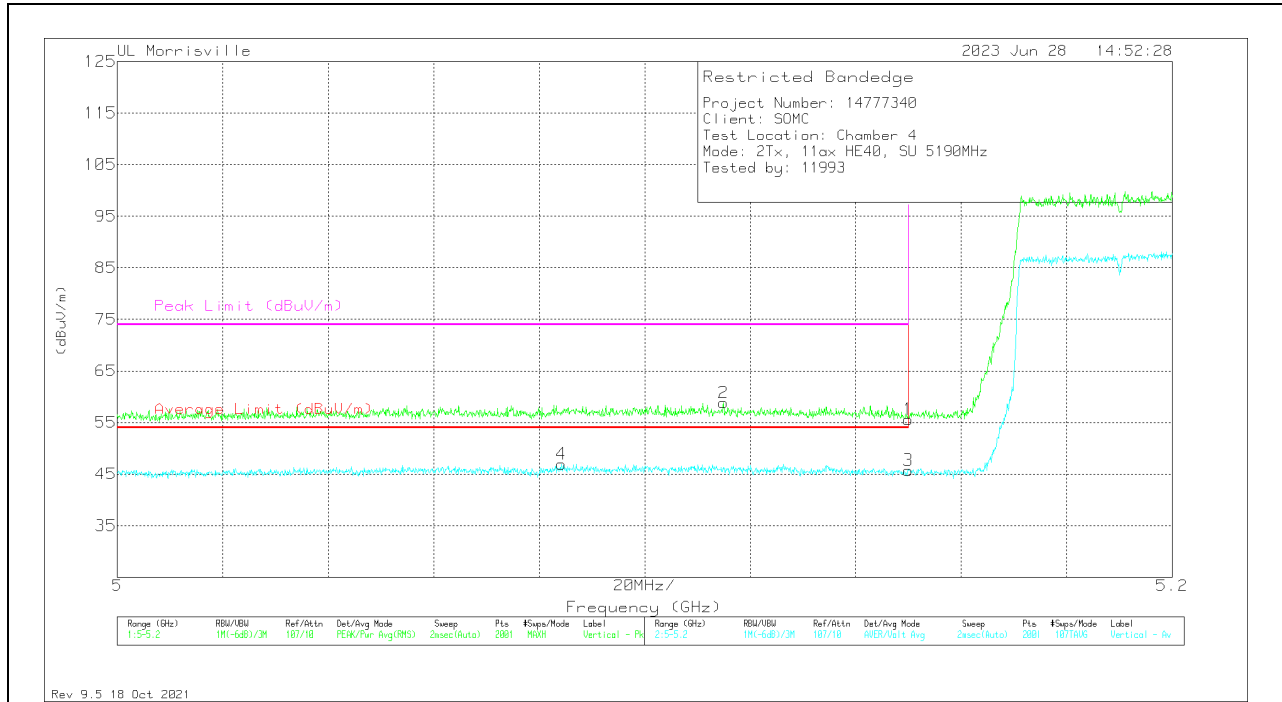
\* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

\*\* - indicates frequency in Taiwan NCC LP0002 Restricted Band

Pk - Peak detector

ADV - Linear Voltage Average

**VERTICAL RESULT**



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	89509 ACF (dB/m)	Gain/Loss (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	*** 5.15	30.89	Pk	34.2	-9.5	55.59	-	-	74	-18.41	317	129	V
2	*** 5.1149	34.12	Pk	34.1	-9.4	58.82	-	-	74	-15.18	317	129	V
3	*** 5.15	20.39	ADV	34.2	-9.5	45.09	54	-8.91	-	-	317	129	V
4	*** 5.0842	21.62	ADV	34.1	-9.4	46.32	54	-7.68	-	-	317	129	V

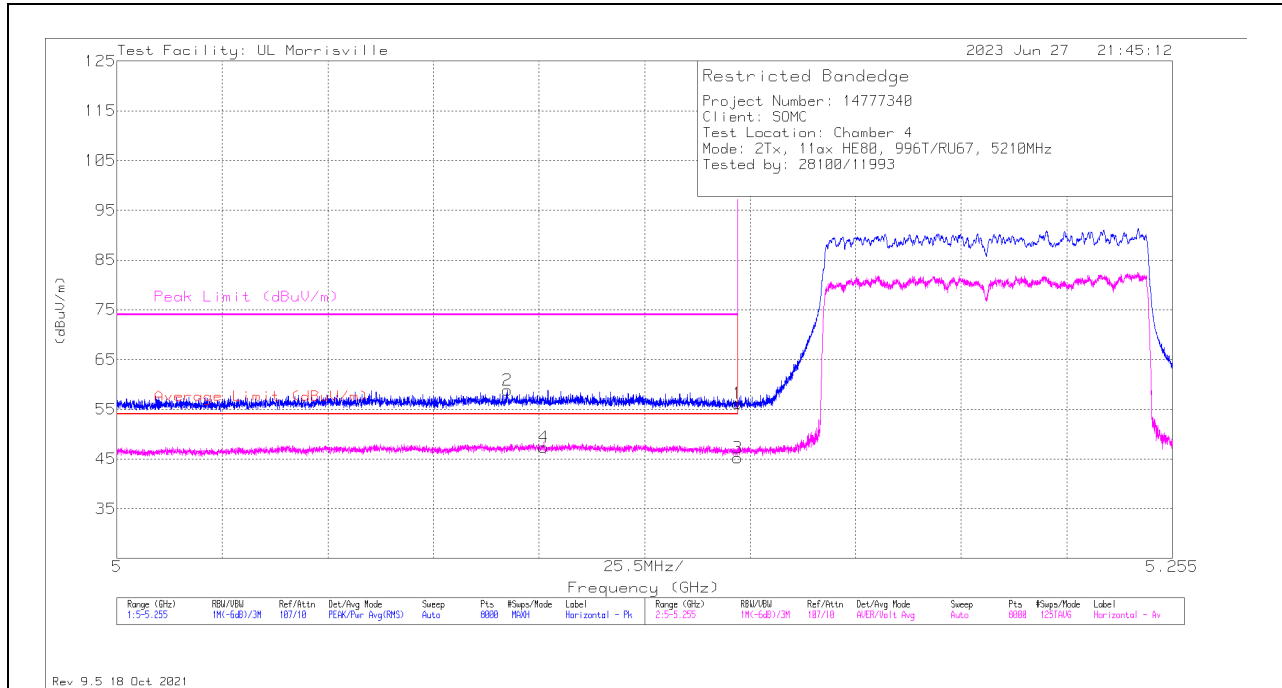
\* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band  
 \*\* - indicates frequency in Taiwan NCC LP0002 Restricted Band  
 Pk - Peak detector  
 ADV - Linear Voltage Average

**10.1.7. TX ABOVE 1 GHz 802.11ax HE80 MODE IN THE 5.2 GHz BAND**

**2TX CDD MODE – 996T**

**BANDEDGE (MID CHANNEL)**

**HORIZONTAL RESULT**



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	89509 ACF (dB/m)	Gain/Loss (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	*** 5.14999	31.53	Pk	34.2	-9.5	0	56.23	-	-	74	-17.77	298	118	H
2	*** 5.09436	34.25	Pk	34.1	-9.5	0	58.85	-	-	74	-15.15	298	118	H
3	*** 5.14999	19.68	ADV	34.2	-9.5	.8	45.18	54	-8.82	-	-	298	118	H
4	*** 5.10313	21.97	ADV	34.1	-9.5	.8	47.37	54	-6.63	-	-	298	118	H

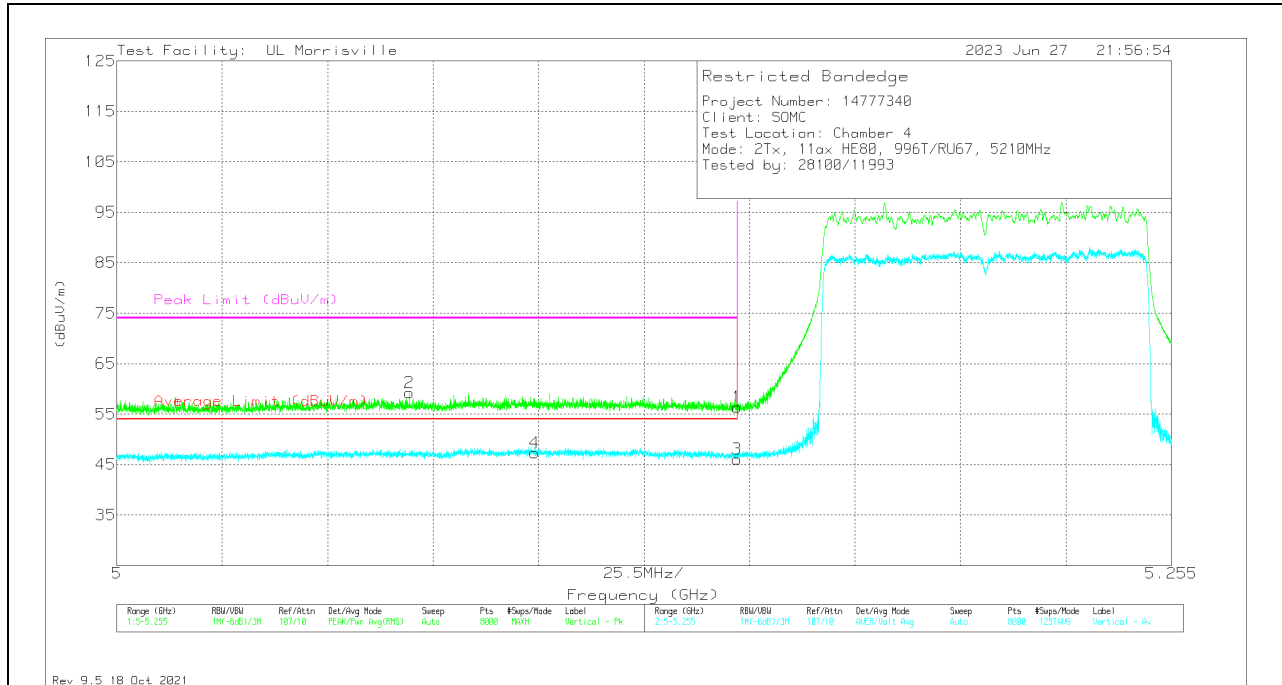
\* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

\*\* - indicates frequency in Taiwan NCC LP0002 Restricted Band

Pk - Peak detector

ADV - Linear Voltage Average

**VERTICAL RESULT**



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	89509 ACF (dB/m)	Gain/Loss (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	*** 5.14999	31.72	Pk	34.2	-9.5	0	56.42	-	-	74	-17.58	300	110	V
2	*** 5.07077	34.75	Pk	34.1	-9.6	0	59.25	-	-	74	-14.75	300	110	V
3	*** 5.14999	20.52	ADV	34.2	-9.5	.8	46.02	54	-7.98	-	-	300	110	V
4	*** 5.10112	21.79	ADV	34.1	-9.4	.8	47.29	54	-6.71	-	-	300	110	V

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

\*\* - indicates frequency in Taiwan NCC LP0002 Restricted Band

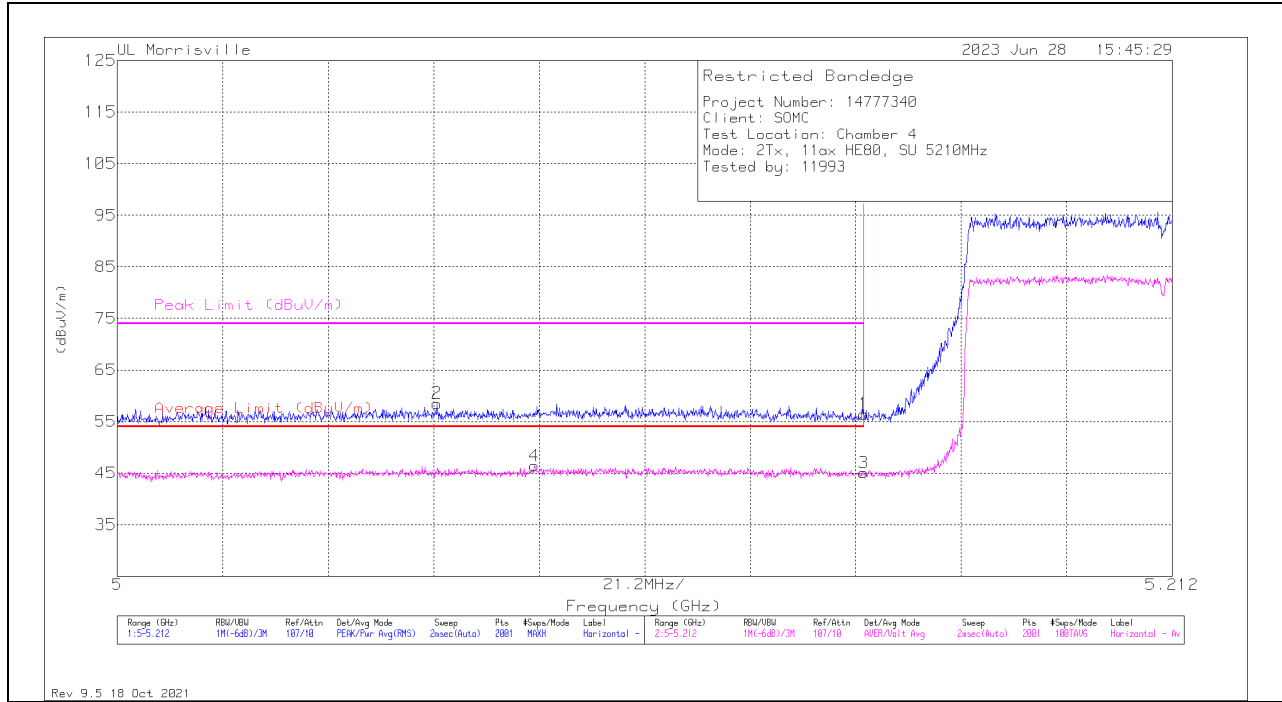
Pk - Peak detector

ADV - Linear Voltage Average

**2TX CDD MODE – SU**

**BANDEDGE (LOW CHANNEL)**

**HORIZONTAL RESULT**



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	89509 ACF (dB/m)	Gain/Loss (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	*** 5.14999	31.77	Pk	34.2	-9.5	56.47	-	-	74	-17.53	317	137	H
2	*** 5.06424	33.82	Pk	34.1	-9.4	58.52	-	-	74	-15.48	317	137	H
3	*** 5.14999	20.38	ADV	34.2	-9.5	45.08	54	-8.92	-	-	317	137	H
4	*** 5.08385	21.72	ADV	34.1	-9.4	46.42	54	-7.58	-	-	317	137	H

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

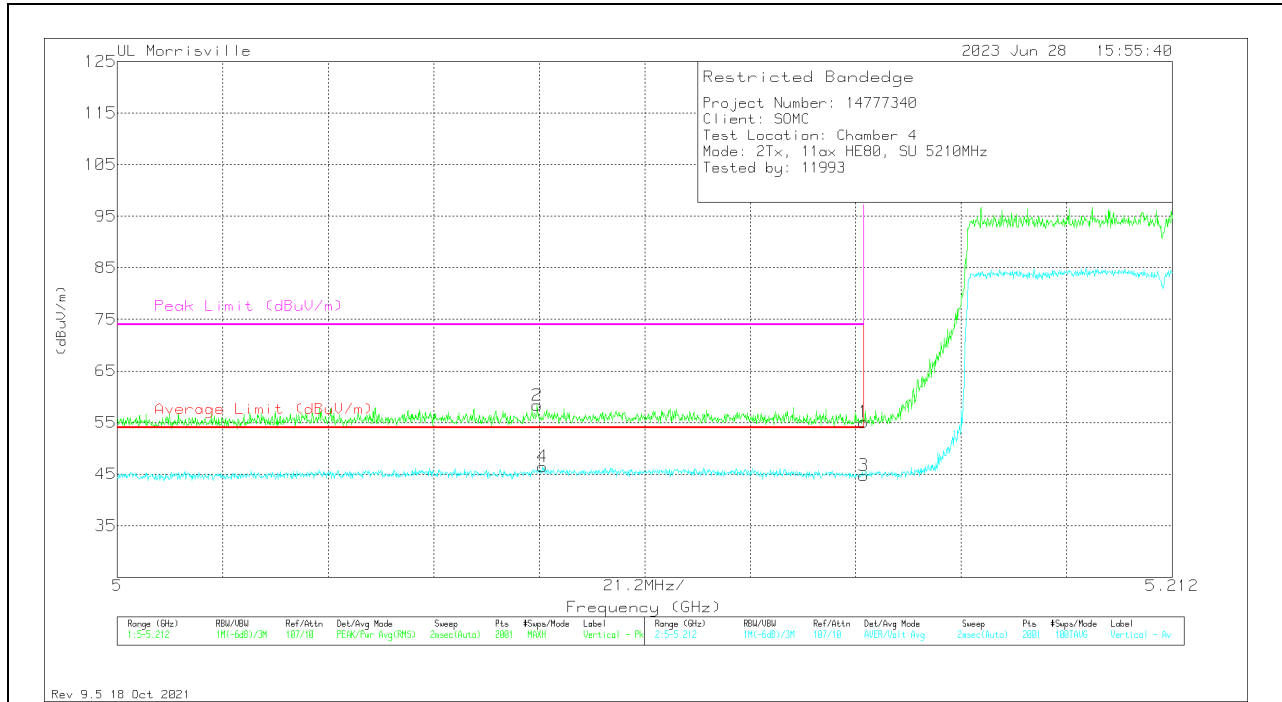
\*\* - indicates frequency in Taiwan NCC LP0002 Restricted Band

Pk - Peak detector

ADV - Linear Voltage Average



**VERTICAL RESULT**



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	89509 ACF (dB/m)	Gain/Loss (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	*** 5.14999	30.39	Pk	34.2	-9.5	55.09	-	-	74	-18.91	323	126	V
2	*** 5.08438	33.63	Pk	34.1	-9.4	58.33	-	-	74	-15.67	323	126	V
3	*** 5.14999	20.04	ADV	34.2	-9.5	44.74	54	-9.26	-	-	323	126	V
4	*** 5.08544	21.74	ADV	34.1	-9.4	46.44	54	-7.56	-	-	323	126	V

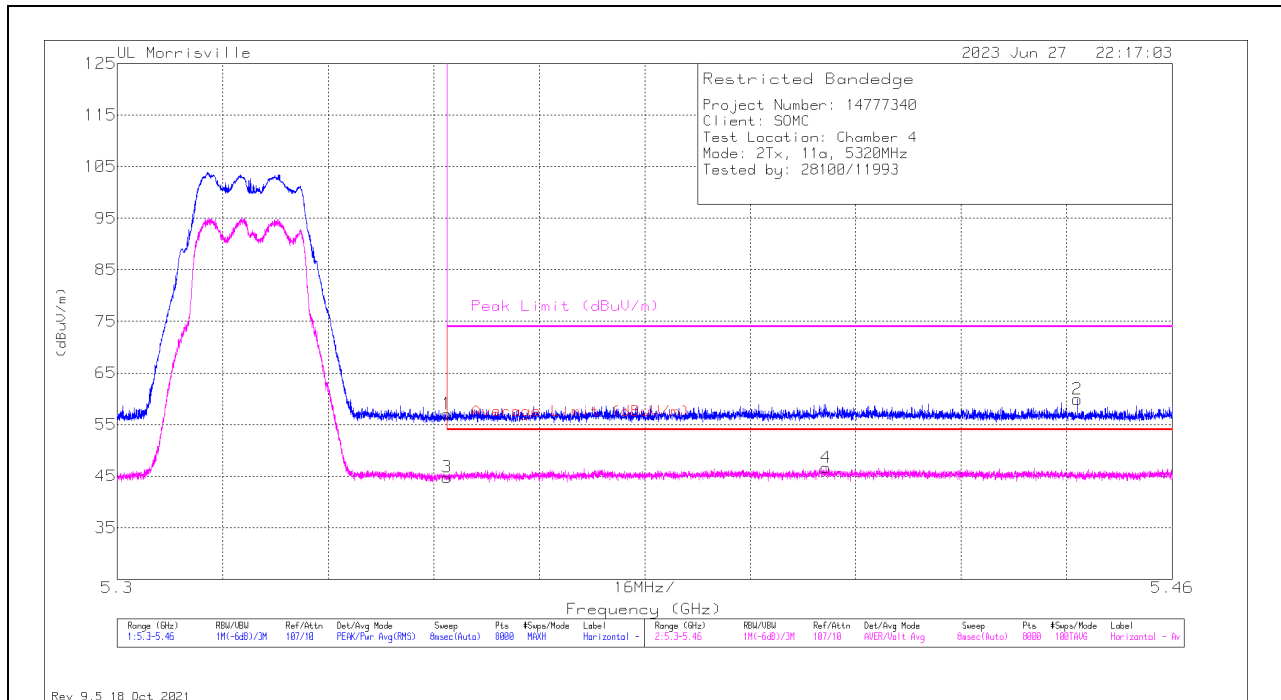
\* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band  
 \*\* - indicates frequency in Taiwan NCC LP0002 Restricted Band  
 Pk - Peak detector  
 ADV - Linear Voltage Average

### 10.1.8. TX ABOVE 1 GHz 802.11a MODE IN THE 5.3 GHz BAND

#### 2TX CDD MODE

#### BANDEDGE (HIGH CHANNEL)

#### HORIZONTAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	89509 ACF (dB/m)	Gain/Loss (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.35001	31.96	Pk	34.4	-9.3	57.06	-	-	74	-16.94	317	131	H
3	5.35001	19.68	ADV	34.4	-9.3	44.78	54	-9.22	-	-	317	131	H
4	5.40746	20.85	ADV	34.6	-8.8	46.65	54	-7.35	-	-	317	131	H
2	5.4456	34.4	Pk	34.6	-9.1	59.9	-	-	74	-14.1	317	131	H

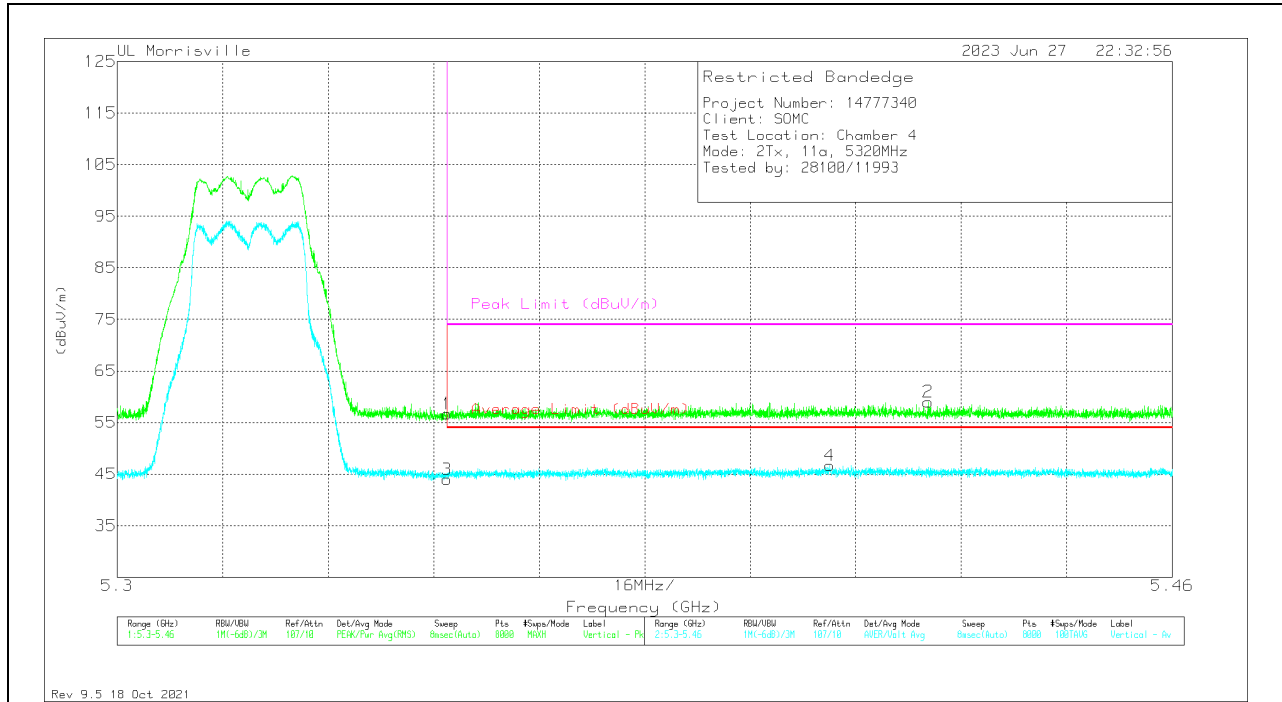
\* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

\*\* - indicates frequency in Taiwan NCC LP0002 Restricted Band

Pk - Peak detector

ADV - Linear Voltage Average

**VERTICAL RESULT**



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	89509 ACF (dB/m)	Gain/Loss (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.35001	31.56	Pk	34.4	-9.3	56.66	-	-	74	-17.34	317	119	V
3	5.35001	18.87	ADV	34.4	-9.3	43.97	54	-10.03	-	-	317	119	V
4	5.40806	20.85	ADV	34.6	-8.8	46.65	54	-7.35	-	-	317	119	V
2	5.42298	33.41	Pk	34.6	-9	59.01	-	-	74	-14.99	317	119	V

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

\*\* - indicates frequency in Taiwan NCC LP0002 Restricted Band

Pk - Peak detector

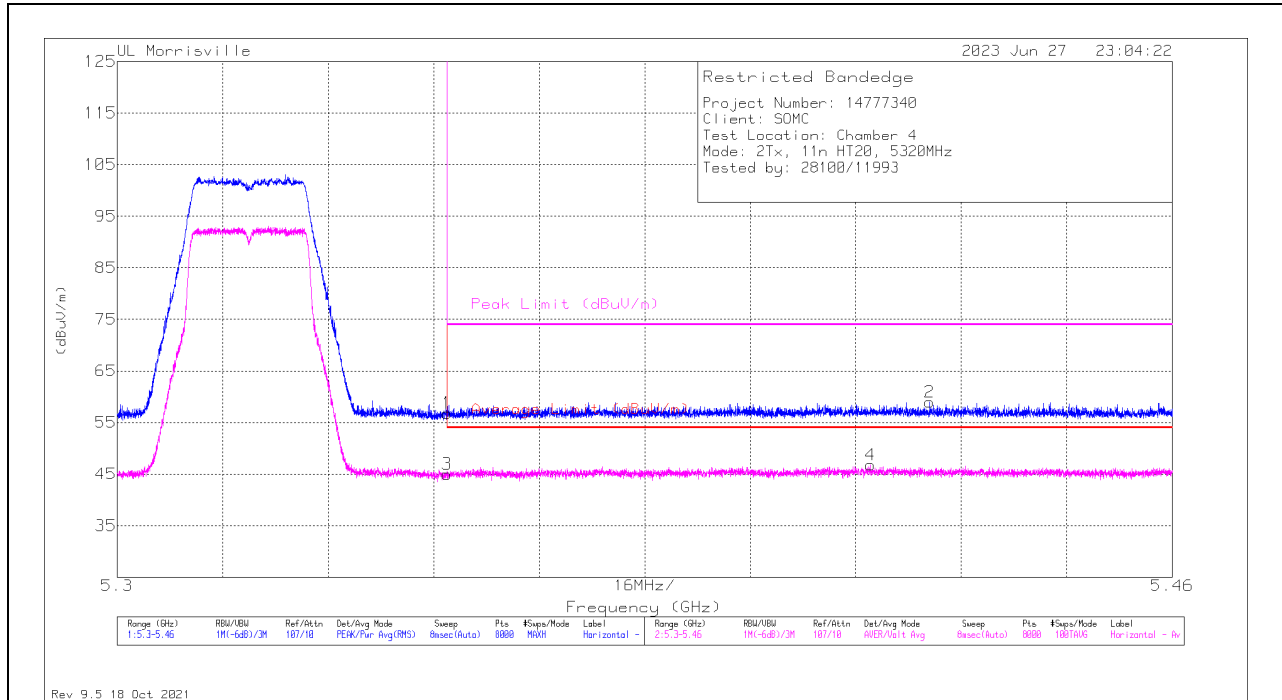
ADV - Linear Voltage Average

### 10.1.9. TX ABOVE 1 GHz 802.11n HT20 MODE IN THE 5.3 GHz BAND

#### 2TX CDD MODE

#### BANDEDGE (HIGH CHANNEL)

#### HORIZONTAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	89509 ACF (dB/m)	Gain/Loss (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.35001	31.71	Pk	34.4	-9.3	56.81	-	-	74	-17.19	323	133	H
3	5.35001	19.89	ADV	34.4	-9.3	44.99	54	-9.01	-	-	323	133	H
4	5.41424	20.98	ADV	34.6	-8.8	46.78	54	-7.22	-	-	323	133	H
2	5.42322	33.34	Pk	34.6	-9	58.94	-	-	74	-15.06	323	133	H

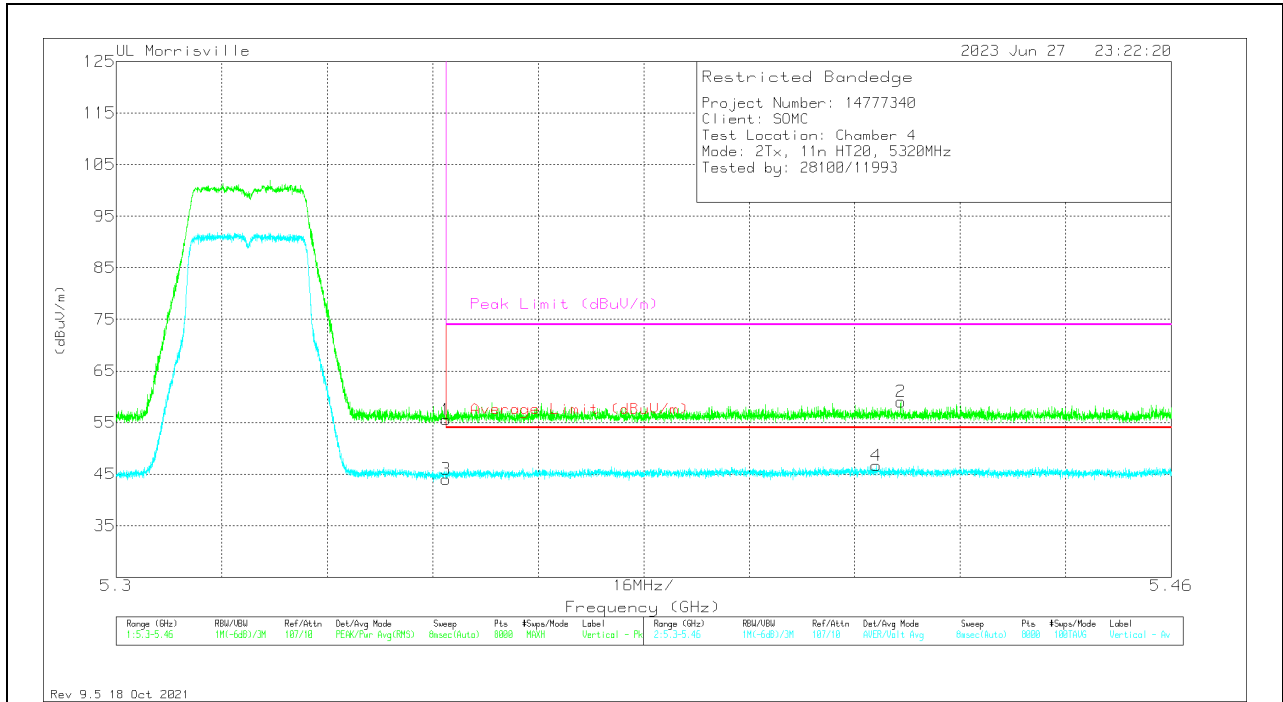
\* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

\*\* - indicates frequency in Taiwan NCC LP0002 Restricted Band

Pk - Peak detector

ADV - Linear Voltage Average

**VERTICAL RESULT**



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	89509 ACF (dB/m)	Gain/Loss (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.35001	30.46	Pk	34.4	-9.3	55.56	-	-	74	-18.44	321	134	V
3	5.35001	18.9	ADV	34.4	-9.3	44	54	-10	-	-	321	134	V
4	5.41526	20.86	ADV	34.6	-8.8	46.66	54	-7.34	-	-	321	134	V
2	5.41898	33.35	Pk	34.6	-8.9	59.05	-	-	74	-14.95	321	134	V

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

\*\* - indicates frequency in Taiwan NCC LP0002 Restricted Band

Pk - Peak detector

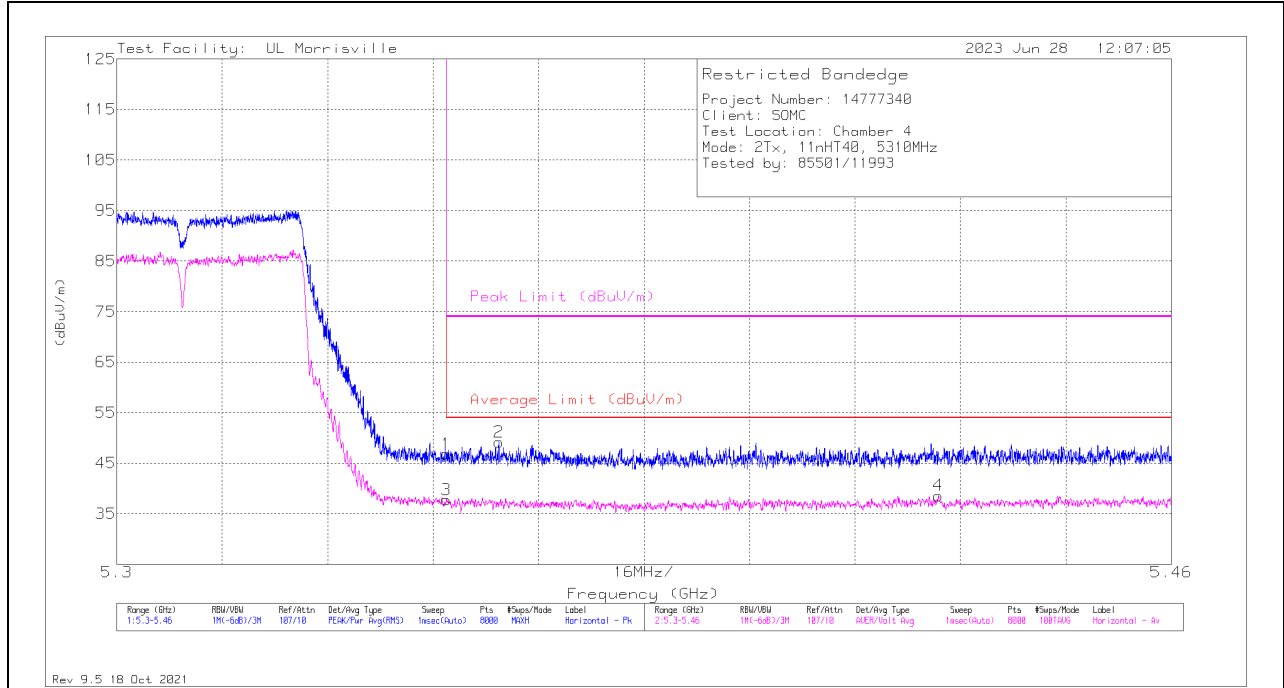
ADV - Linear Voltage Average

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

**2TX CDD MODE**

**BANDEDGE (HIGH CHANNEL)**

**HORIZONTAL RESULT**



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	88761 (dB/m)	Gain/Loss (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* ** 5.35001	35.24	Pk	34.3	-22.7	46.84	-	-	74	-27.16	319	182	H
2	* ** 5.35797	37.52	Pk	34.3	-22.7	49.12	-	-	74	-24.88	319	182	H
3	* ** 5.35001	26.11	ADV	34.3	-22.7	37.71	54	-16.29	-	-	319	182	H
4	* ** 5.42466	27.16	ADV	34.4	-23	38.56	54	-15.44	-	-	319	182	H

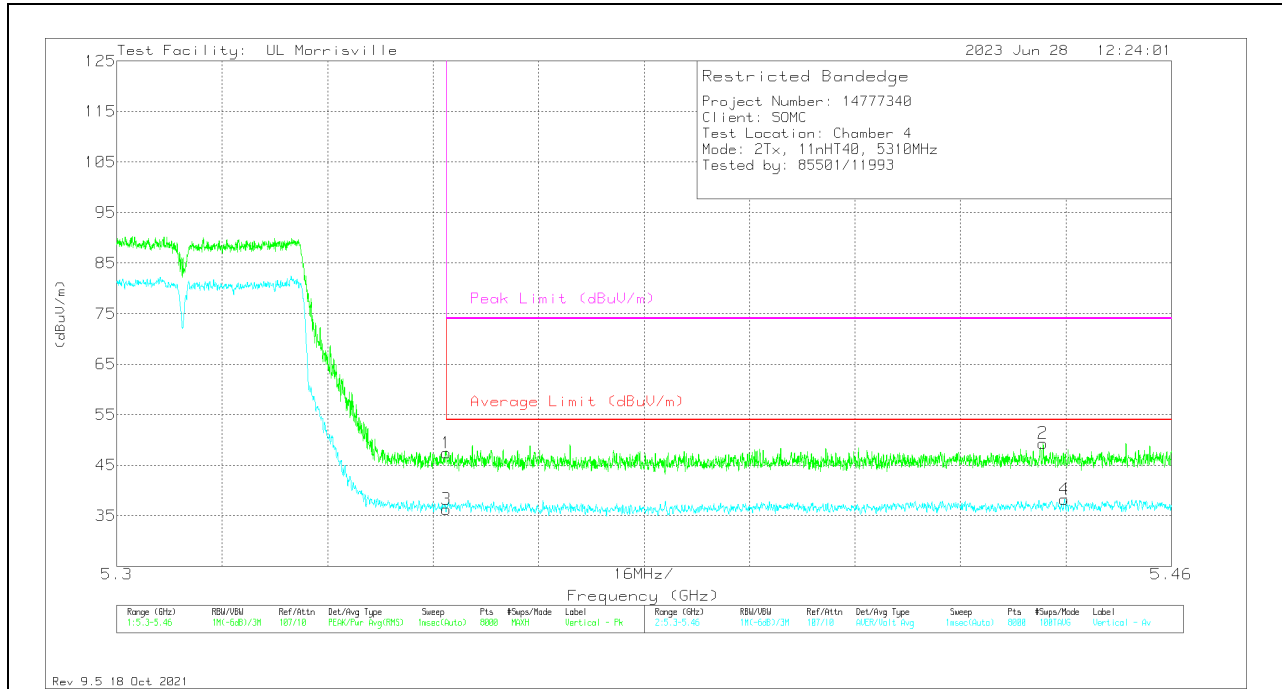
\* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

\*\* - indicates frequency in Taiwan NCC LP0002 Restricted Band

Pk - Peak detector

ADV - Linear Voltage Average

**VERTICAL RESULT**



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	88761 (dB/m)	Gain/Loss (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	*** 5.35001	35.86	Pk	34.3	-22.7	47.46	-	-	74	-26.54	261	163	V
2	*** 5.44052	37.96	Pk	34.5	-23.1	49.36	-	-	74	-24.64	261	163	V
3	*** 5.35001	24.72	ADV	34.3	-22.7	36.32	54	-17.68	-	-	261	163	V
4	*** 5.44378	26.89	ADV	34.5	-23.1	38.29	54	-15.71	-	-	261	163	V

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

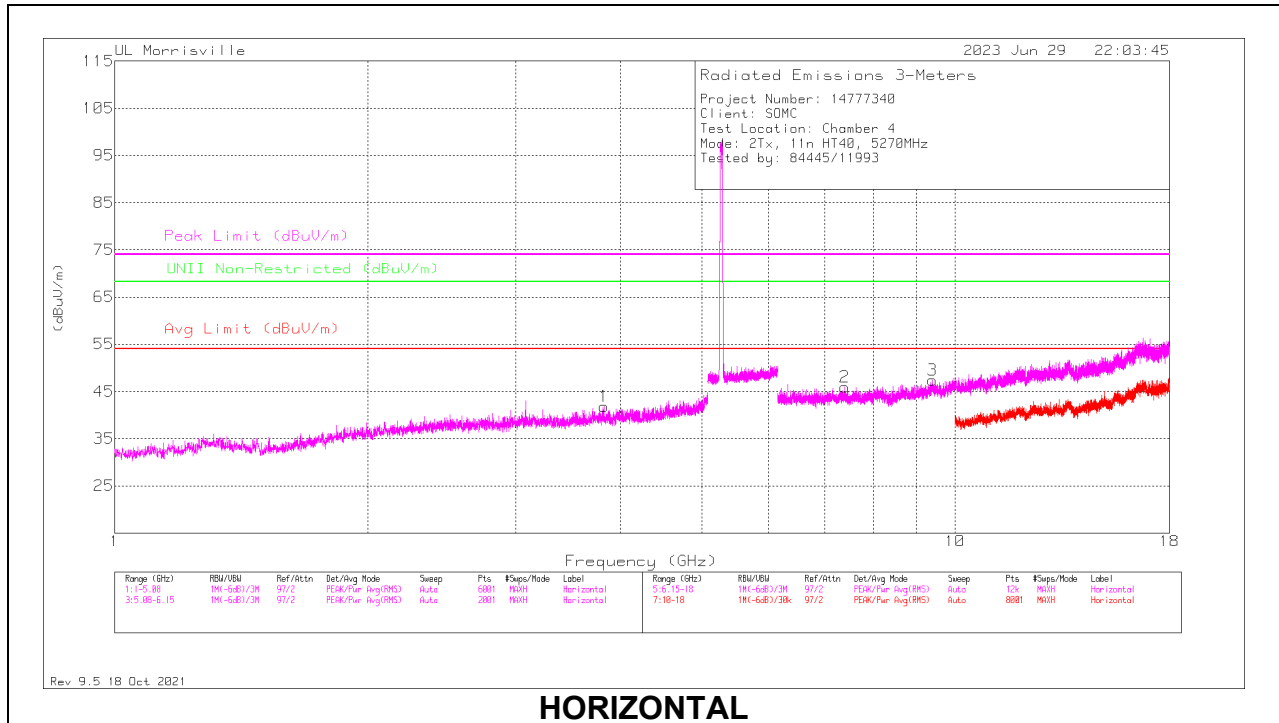
\*\* - indicates frequency in Taiwan NCC LP0002 Restricted Band

Pk - Peak detector

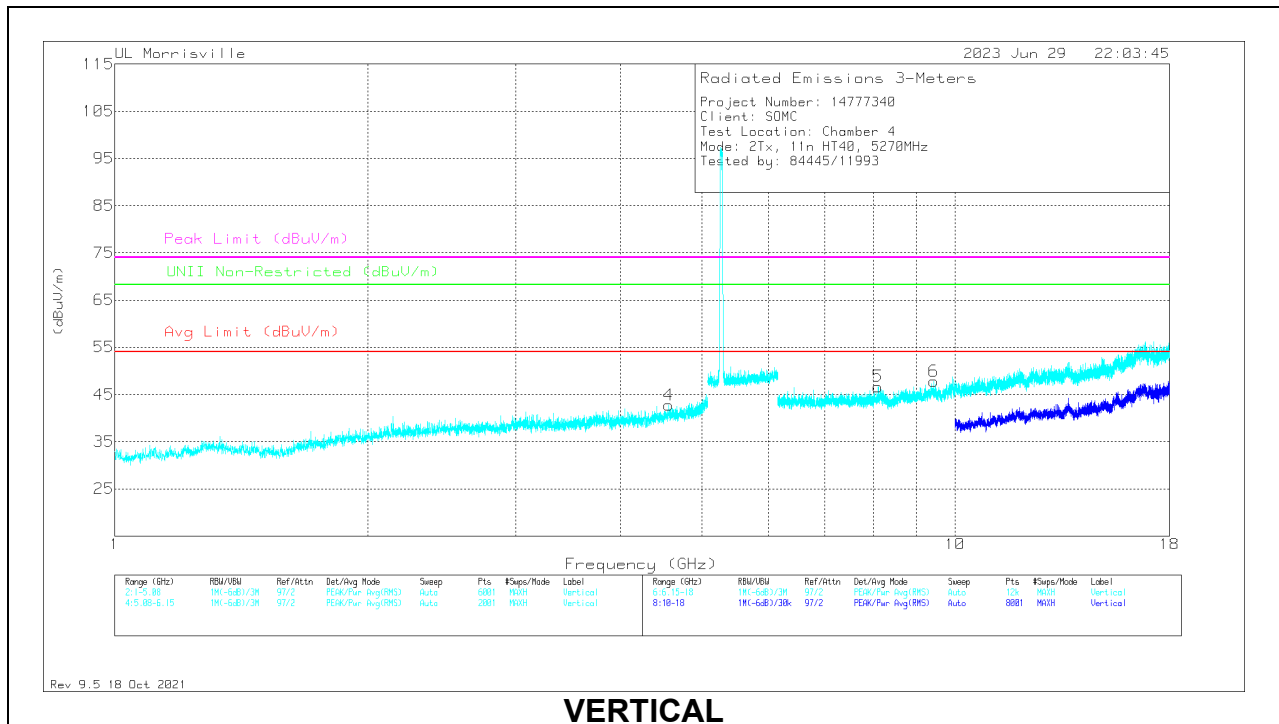
ADV - Linear Voltage Average

**HARMONICS AND SPURIOUS EMISSIONS**

**LOW CHANNEL RESULTS**



**HORIZONTAL**



**VERTICAL**



**RADIATED EMISSIONS**

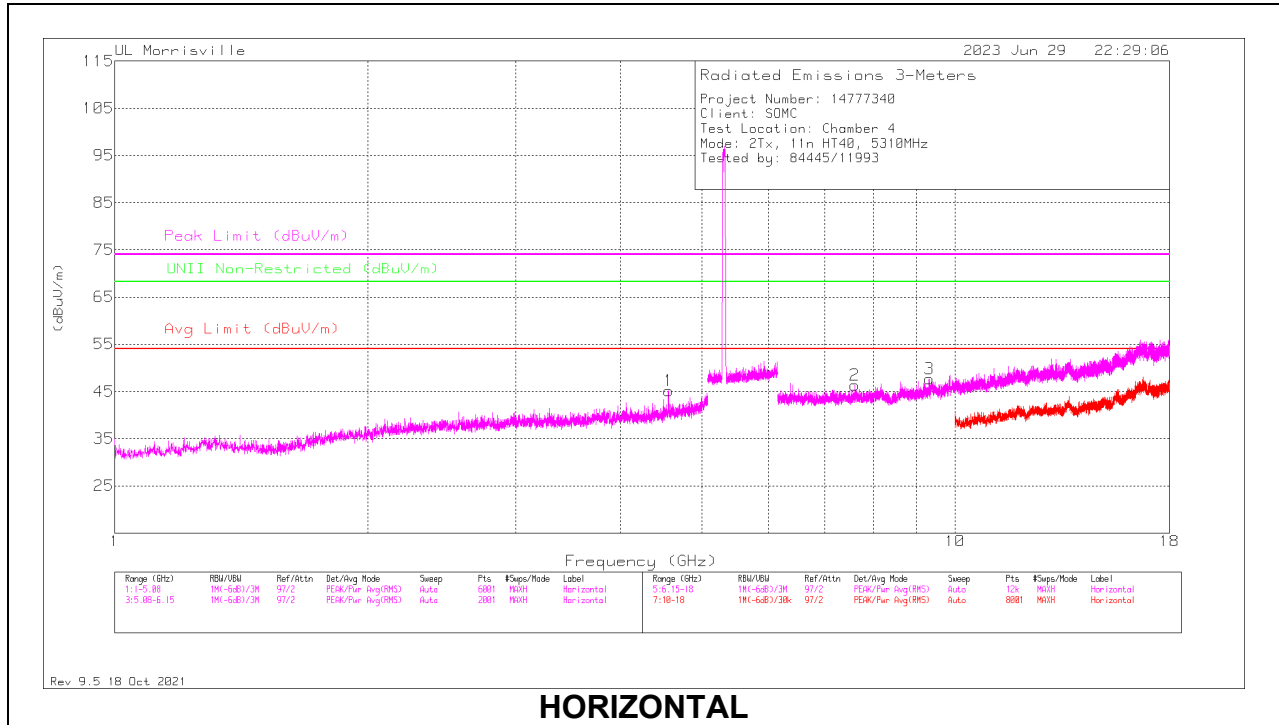
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	89509 ACF (dB/m)	Gain/Loss (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	*** 3.8254	41.07	Pk	33.4	-32.6	41.87	54	-12.13	74	-32.13	-	-	0-360	100	H
4	*** 4.56388	39.81	Pk	34	-31.1	42.71	54	-11.29	74	-31.29	-	-	0-360	200	V
2	*** 7.39524	37.21	Pk	35.6	-26.9	45.91	54	-8.09	74	-28.09	-	-	0-360	100	H
3	*** 9.40875	36.35	Pk	36.6	-25.5	47.45	54	-6.55	74	-26.55	-	-	0-360	100	H
5	*** 8.10525	38.07	Pk	35.8	-27.2	46.67	54	-7.33	74	-27.33	-	-	0-360	200	V
6	*** 9.44233	36.32	Pk	36.7	-25.2	47.82	54	-6.18	74	-26.18	-	-	0-360	200	V

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

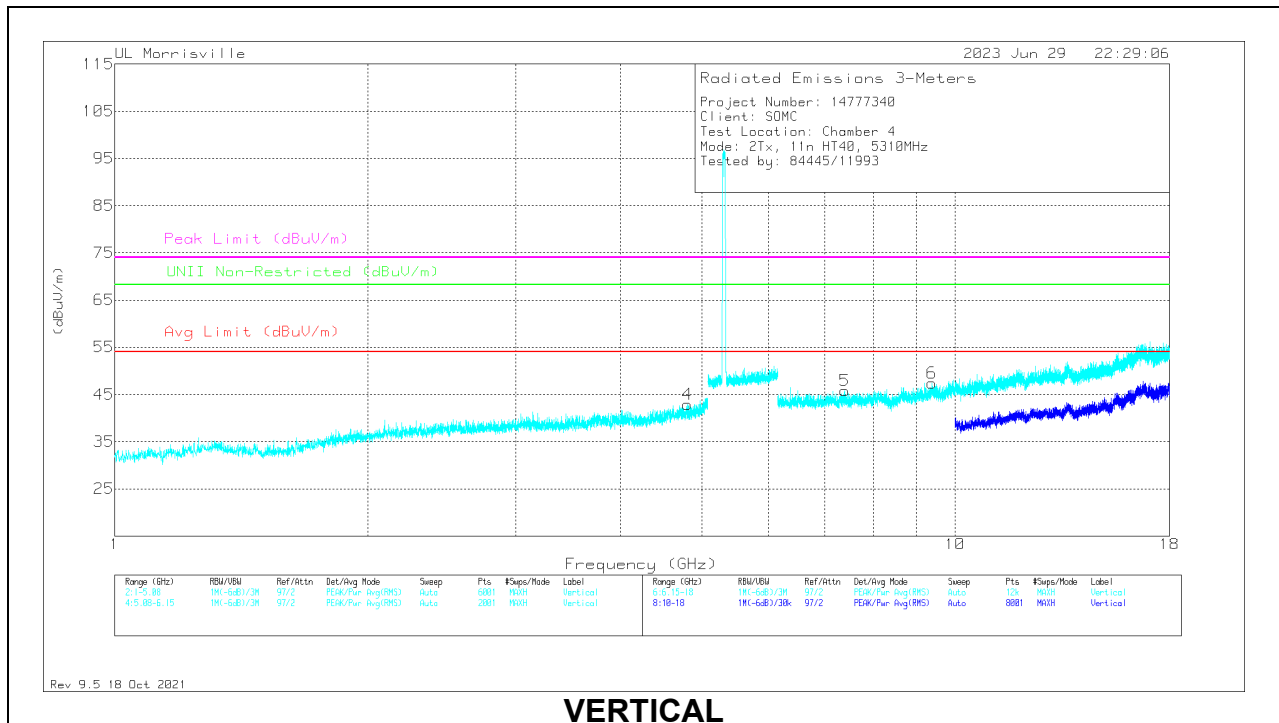
\*\* - indicates frequency in Taiwan NCC LP0002 Restricted Band

Pk - Peak detector

### HIGH CHANNEL RESULTS



**HORIZONTAL**



**VERTICAL**

**RADIATED EMISSIONS**

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	89509 ACF (dB/m)	Gain/Loss (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	*** 4.5598	42.3	Pk	33.9	-31.1	45.1	54	-8.9	74	-28.9	-	-	0-360	100	H
4	*** 4.80732	39.19	Pk	34.1	-30.4	42.89	54	-11.11	74	-31.11	-	-	0-360	200	V
2	*** 7.60064	37.79	Pk	35.7	-27.2	46.29	54	-7.71	74	-27.71	-	-	0-360	100	H
3	*** 9.32975	36.91	Pk	36.5	-25.7	47.71	54	-6.29	74	-26.29	-	-	0-360	100	H
5	*** 7.3903	37.27	Pk	35.6	-27.1	45.77	54	-8.23	74	-28.23	-	-	0-360	200	V
6	*** 9.38505	35.95	Pk	36.6	-25.2	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

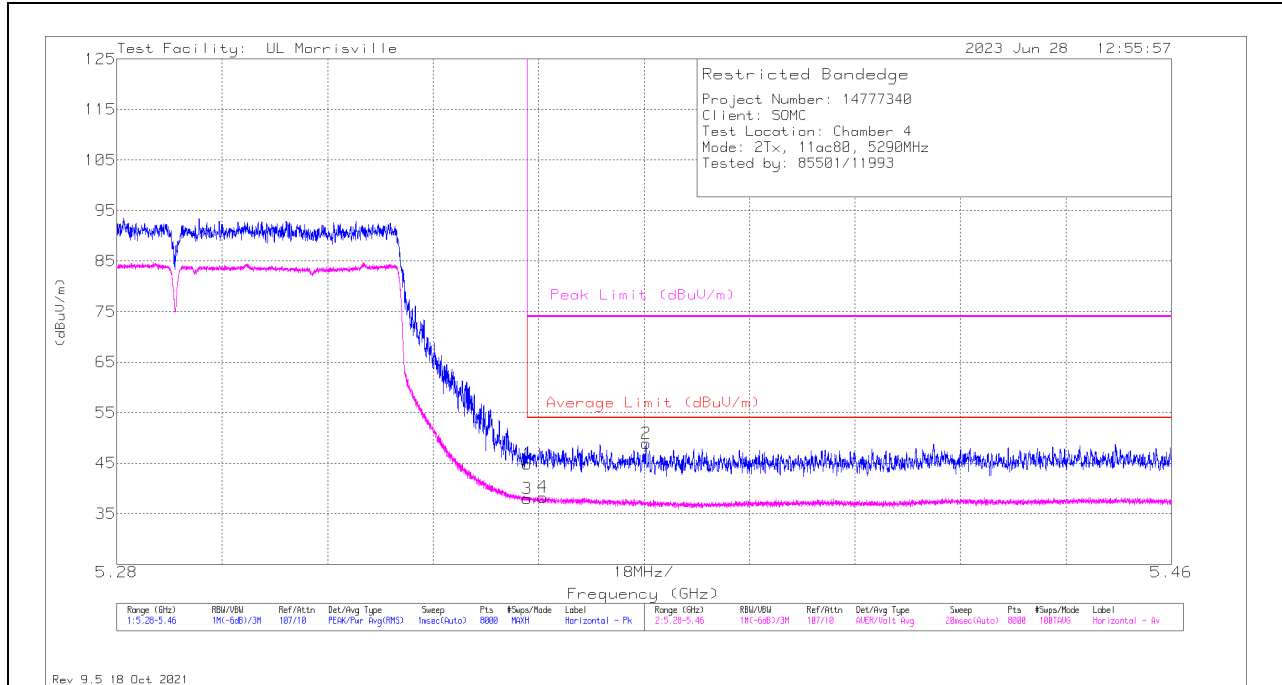
Pk - Peak detector

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

#### 2TX CDD MODE

#### BANDEDGE (MID CHANNEL)

#### HORIZONTAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	88761 (dB/m)	Gain/Loss (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	*** 5.35001	33.28	Pk	34.3	-22.7	44.88	-	-	74	-29.12	324	149	H
2	*** 5.37035	37.48	Pk	34.3	-22.9	48.88	-	-	74	-25.12	324	149	H
3	*** 5.35001	26.38	ADV	34.3	-22.7	37.98	54	-16.02	-	-	324	149	H
4	*** 5.35271	26.71	ADV	34.3	-22.7	38.31	54	-15.69	-	-	324	149	H

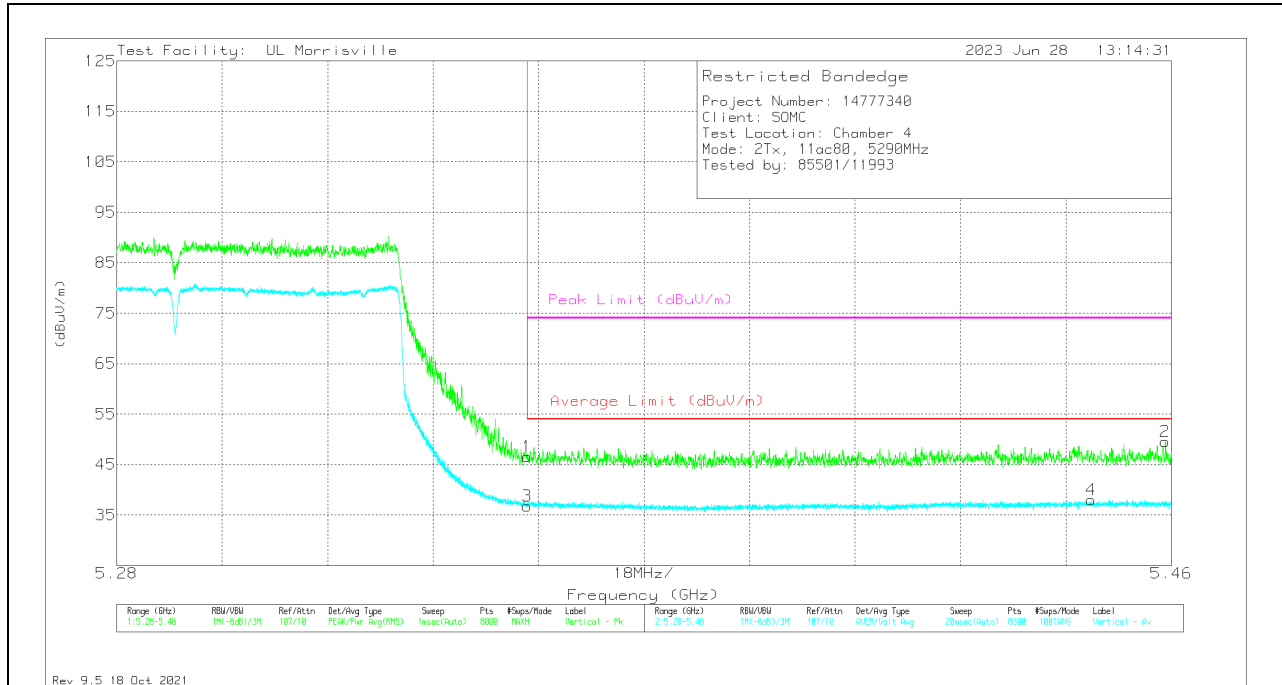
\* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

\*\* - indicates frequency in Taiwan NCC LP0002 Restricted Band

Pk - Peak detector

ADV - Linear Voltage Average

**VERTICAL RESULT**



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	88761 (dB/m)	Gain/Loss (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	*** 5.35001	35.02	Pk	34.3	-22.7	46.62	-	-	74	-27.38	300	138	V
2	*** 5.45897	38.33	Pk	34.5	-23.3	49.53	-	-	74	-24.47	300	138	V
3	*** 5.35001	25.21	ADV	34.3	-22.7	36.81	54	-17.19	-	-	300	138	V
4	*** 5.4463	26.64	ADV	34.5	-23.1	38.04	54	-15.96	-	-	300	138	V

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

\*\* - indicates frequency in Taiwan NCC LP0002 Restricted Band

Pk - Peak detector

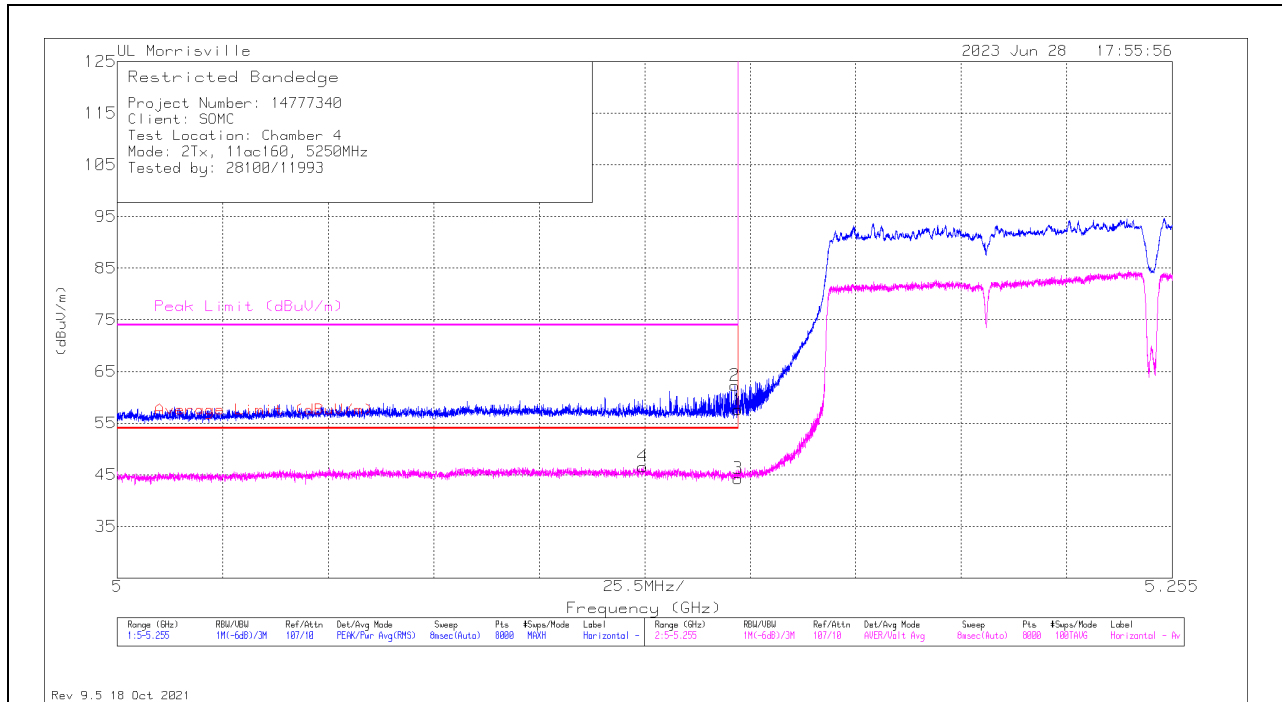
ADV - Linear Voltage Average

### 10.1.12. TX ABOVE 1 GHz 802.11ac VHT160 MODE IN THE 5.2/5.3 GHz BAND

#### 2TX CDD MODE

#### BANDEDGE (LOW)

#### HORIZONTAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	89509 ACF (dB/m)	Gain/Loss (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* ** 5.14999	32.92	Pk	34.2	-9.5	57.62	-	-	74	-16.38	331	121	H
2	* ** 5.14926	37.58	Pk	34.2	-9.5	62.28	-	-	74	-11.72	331	121	H
3	* ** 5.14999	19.57	ADV	34.2	-9.5	44.27	54	-9.73	-	-	331	121	H
4	* ** 5.12704	21.6	ADV	34.2	-9.2	46.6	54	-7.4	-	-	331	121	H

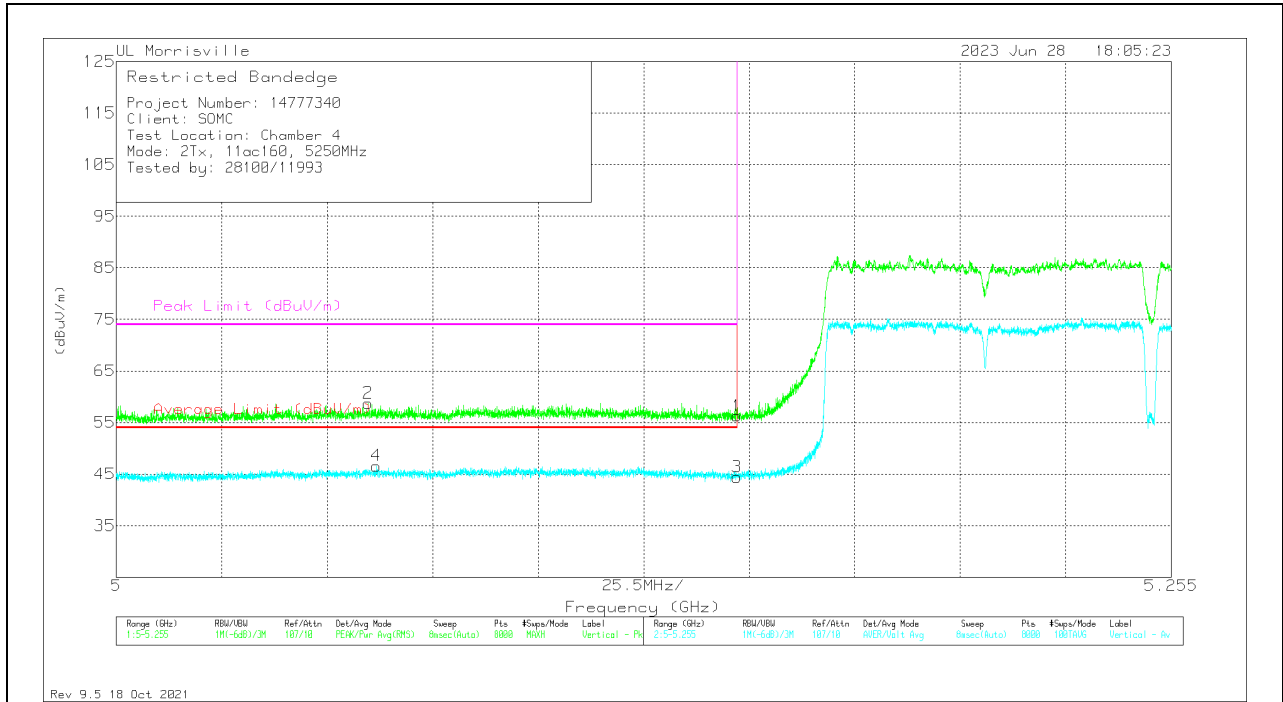
\* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

\*\* - indicates frequency in Taiwan NCC LP0002 Restricted Band

Pk - Peak detector

ADV - Linear Voltage Average

**VERTICAL RESULT**



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	89509 ACF (dB/m)	Gain/Loss (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* ** 5.14999	31.59	Pk	34.2	-9.5	56.29	-	-	74	-17.71	331	121	V
2	* ** 5.06086	34.05	Pk	34.1	-9.4	58.75	-	-	74	-15.25	331	121	V
3	* ** 5.14999	19.74	ADV	34.2	-9.5	44.44	54	-9.56	-	-	331	121	V
4	* ** 5.06283	21.8	ADV	34.1	-9.3	46.6	54	-7.4	-	-	331	121	V

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

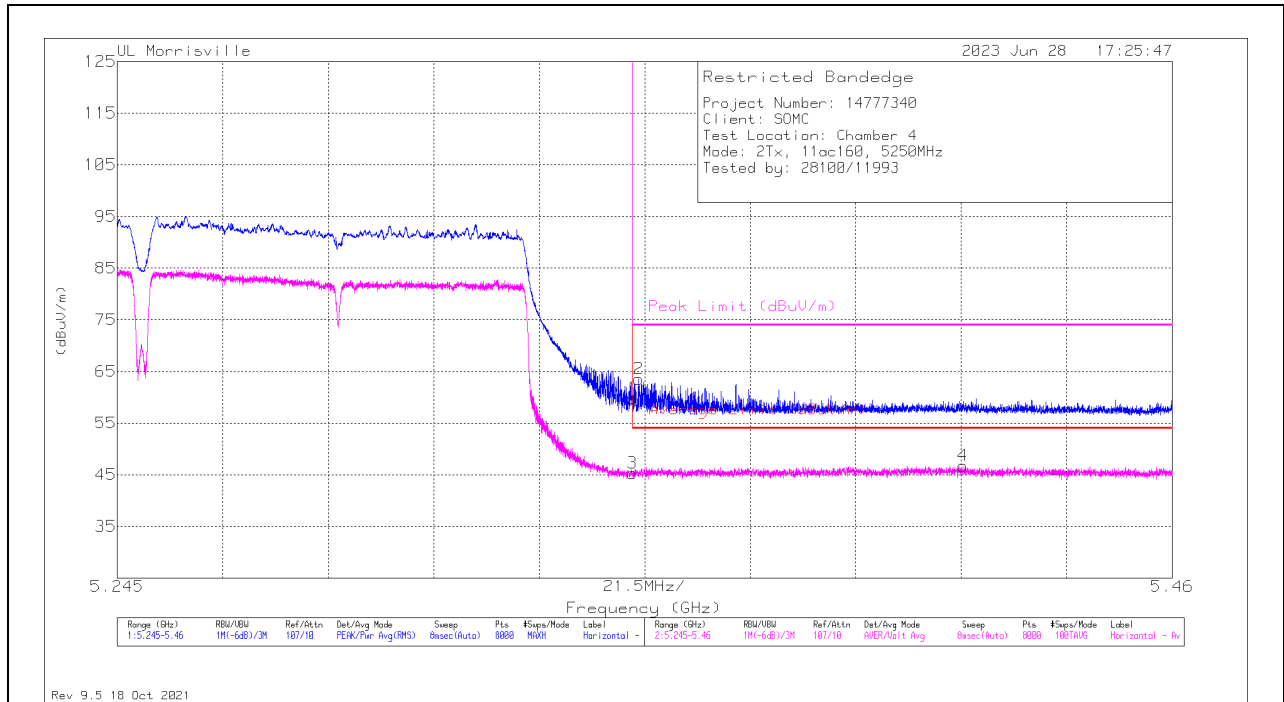
\*\* - indicates frequency in Taiwan NCC LP0002 Restricted Band

Pk - Peak detector

ADV - Linear Voltage Average

**BANDEDGE (HIGH)**

**HORIZONTAL RESULT**

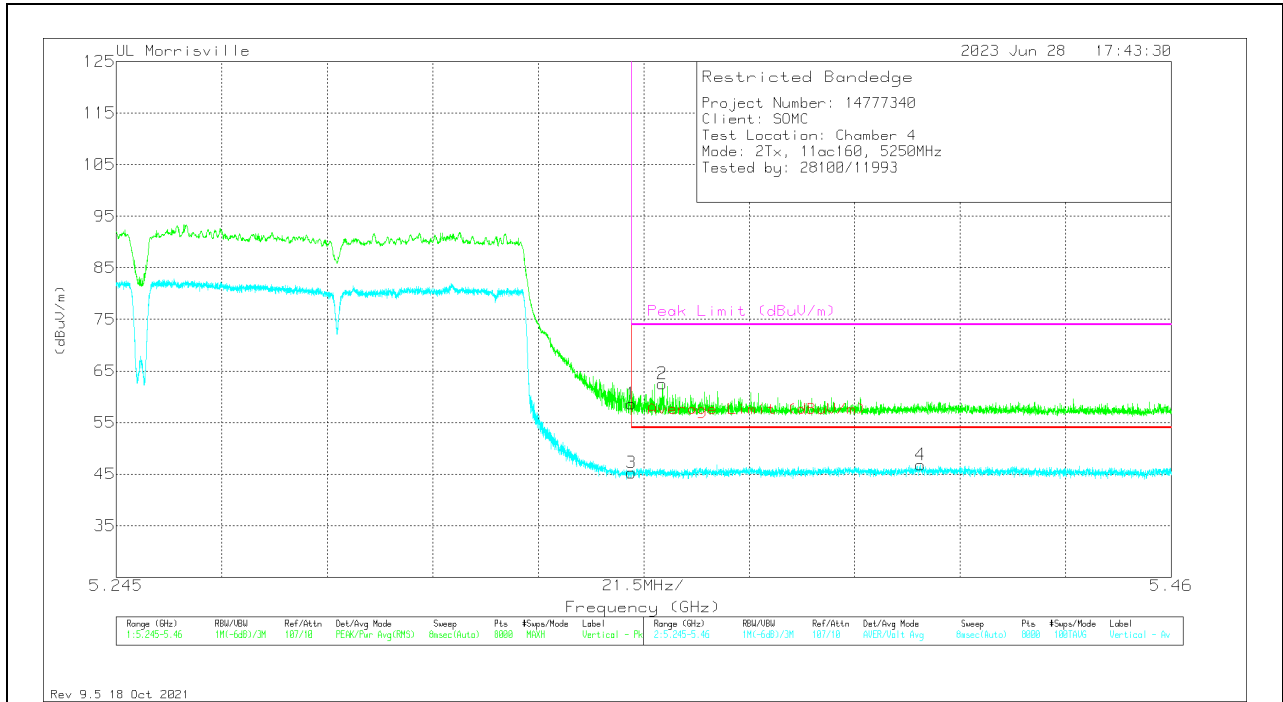


Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	89509 ACF (dB/m)	Gain/Loss (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* ** 5.35001	34.66	Pk	34.4	-9.3	59.76	-	-	74	-14.24	331	120	H
2	* ** 5.35125	38.45	Pk	34.4	-9.3	63.55	-	-	74	-10.45	331	120	H
3	* ** 5.35001	20.18	ADV	34.4	-9.3	45.28	54	-8.72	-	-	331	120	H
4	* ** 5.41731	20.93	ADV	34.6	-8.8	46.73	54	-7.27	-	-	331	120	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	89509 ACF (dB/m)	Gain/Loss (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	*** 5.35001	33.54	Pk	34.4	-9.3	58.64	-	-	74	-15.36	320	130	V
2	*** 5.35627	37.21	Pk	34.4	-9.1	62.51	-	-	74	-11.49	320	130	V
3	*** 5.35001	20.19	ADV	34.4	-9.3	45.29	54	-8.71	-	-	320	130	V
4	*** 5.40885	21.01	ADV	34.6	-8.8	46.81	54	-7.19	-	-	320	130	V

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

\*\* - indicates frequency in Taiwan NCC LP0002 Restricted Band

Pk - Peak detector

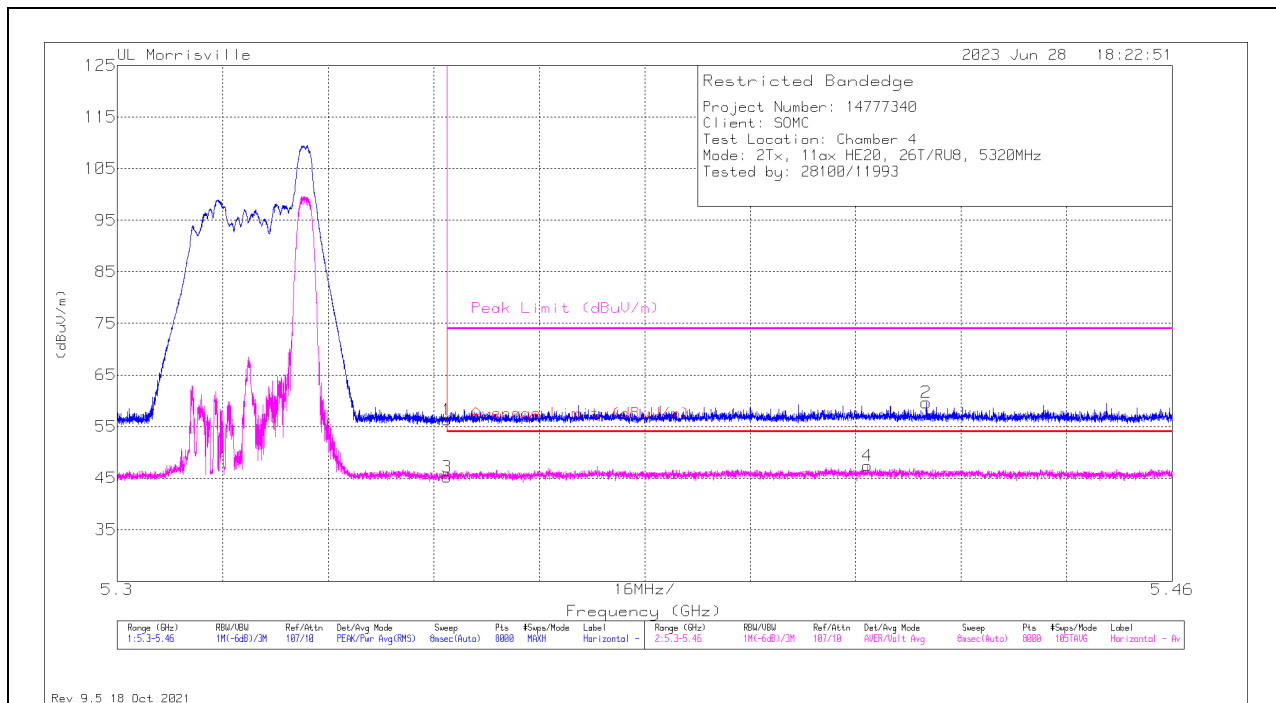
ADV - Linear Voltage Average

### 10.1.13. TX ABOVE 1 GHz 802.11ax HE20 MODE IN THE 5.3 GHz BAND

#### 2TX CDD MODE – 26T

#### BANDEDGE (HIGH CHANNEL)

#### HORIZONTAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	89509 ACF (dB/m)	Gain/Loss (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	*** 5.35001	31.17	Pk	34.4	-9.3	0	56.27	-	-	74	-17.73	334	125	H
2	*** 5.42268	34.06	Pk	34.6	-9	0	59.66	-	-	74	-14.34	334	125	H
3	*** 5.35001	19.6	ADV	34.4	-9.3	.49	45.19	54	-8.81	-	-	334	125	H
4	*** 5.41376	21.19	ADV	34.6	-8.9	.49	47.38	54	-6.62	-	-	334	125	H

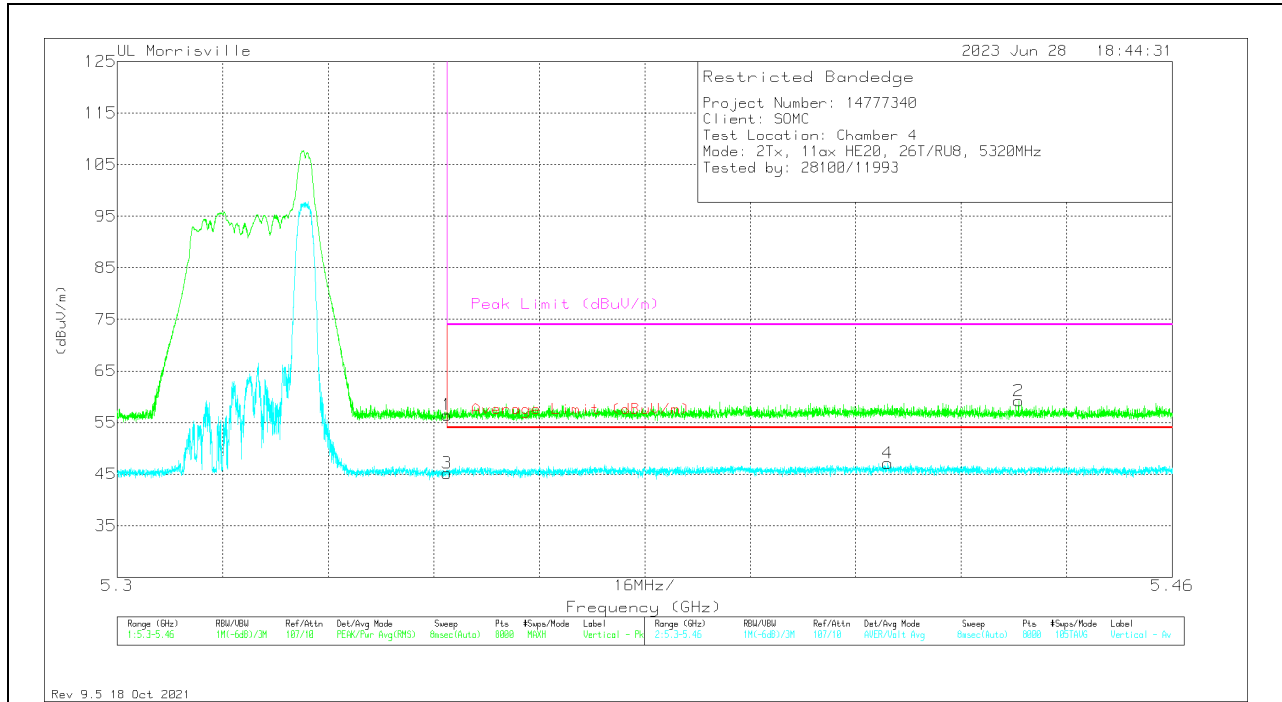
\* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

\*\* - indicates frequency in Taiwan NCC LP0002 Restricted Band

Pk - Peak detector

ADV - Linear Voltage Average

**VERTICAL RESULT**



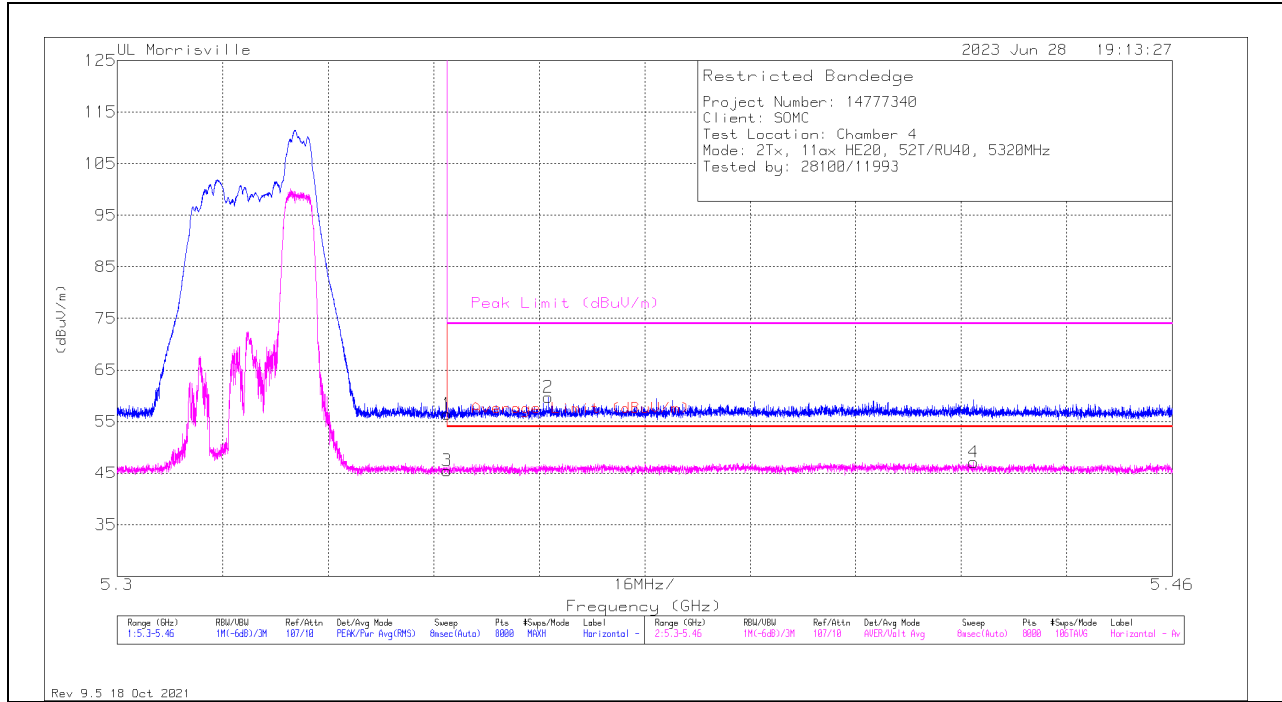
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	89509 ACF (dB/m)	Gain/Loss (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	*** 5.35001	31.37	Pk	34.4	-9.3	0	56.47	-	-	74	-17.53	296	147	V
2	** 5.4367	33.6	Pk	34.6	-9	0	59.2	-	-	74	-14.8	296	147	V
3	*** 5.35001	19.58	ADV	34.4	-9.3	.49	45.17	54	-8.83	-	-	296	147	V
4	*** 5.41686	20.82	ADV	34.6	-8.8	.49	47.11	54	-6.89	-	-	296	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

**2TX CDD MODE – 52T**

**BANDEDGE (HIGH CHANNEL)**

**HORIZONTAL RESULT**



Rev. 9.5 18 Oct 2021

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	89509 ACF (dB/m)	Gain/Loss (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* ** 5.35001	31.33	Pk	34.4	-9.3	0	56.43	-	-	74	-17.57	333	125	H
2	* ** 5.36535	34.32	Pk	34.5	-9.1	0	59.72	-	-	74	-14.28	333	125	H
3	* ** 5.35001	19.86	ADV	34.4	-9.3	.52	45.48	54	-8.52	-	-	333	125	H
4	* ** 5.42988	20.88	ADV	34.6	-8.9	.52	47.1	54	-6.9	-	-	333	125	H

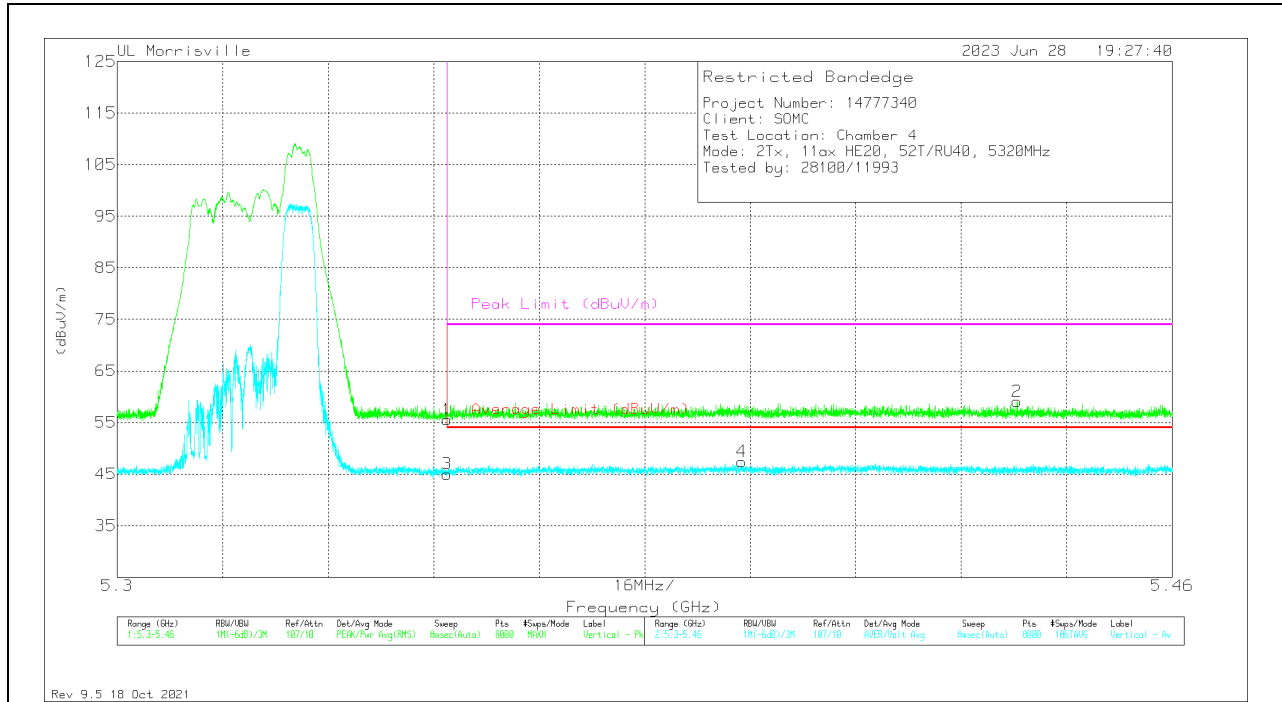
\* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

\*\* - indicates frequency in Taiwan NCC LP0002 Restricted Band

Pk - Peak detector

ADV - Linear Voltage Average

**VERTICAL RESULT**



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	89509 ACF (dB/m)	Gain/Loss (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	*** 5.35001	30.45	Pk	34.4	-9.3	0	55.55	-	-	74	-18.45	320	145	V
2	*** 5.43648	33.49	Pk	34.6	-9	0	59.09	-	-	74	-14.91	320	145	V
3	*** 5.35001	19.39	ADV	34.4	-9.3	.52	45.01	54	-8.99	-	-	320	145	V
4	*** 5.39471	21.19	ADV	34.6	-8.9	.52	47.41	54	-6.59	-	-	320	145	V

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

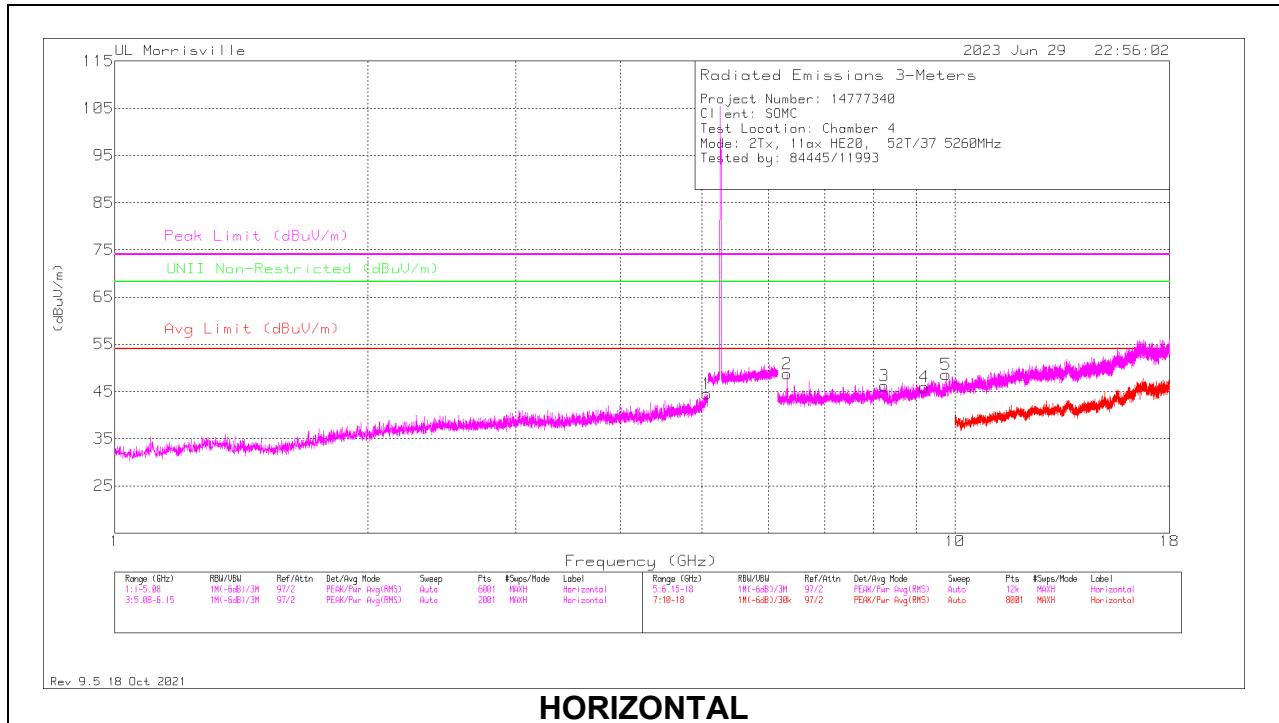
\*\* - indicates frequency in Taiwan NCC LP0002 Restricted Band

Pk - Peak detector

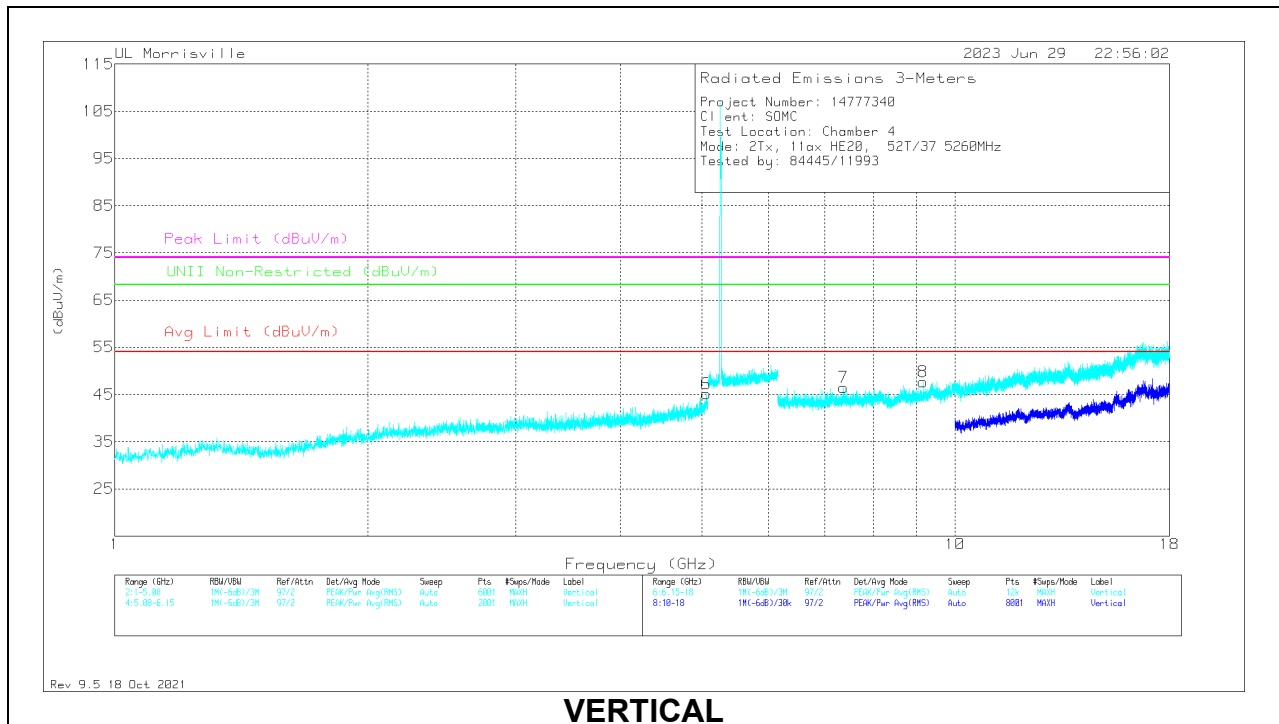
ADV - Linear Voltage Average

**HARMONICS AND SPURIOUS EMISSIONS**

**LOW CHANNEL RESULTS**



**HORIZONTAL**



**VERTICAL**

**RADIATED EMISSIONS**

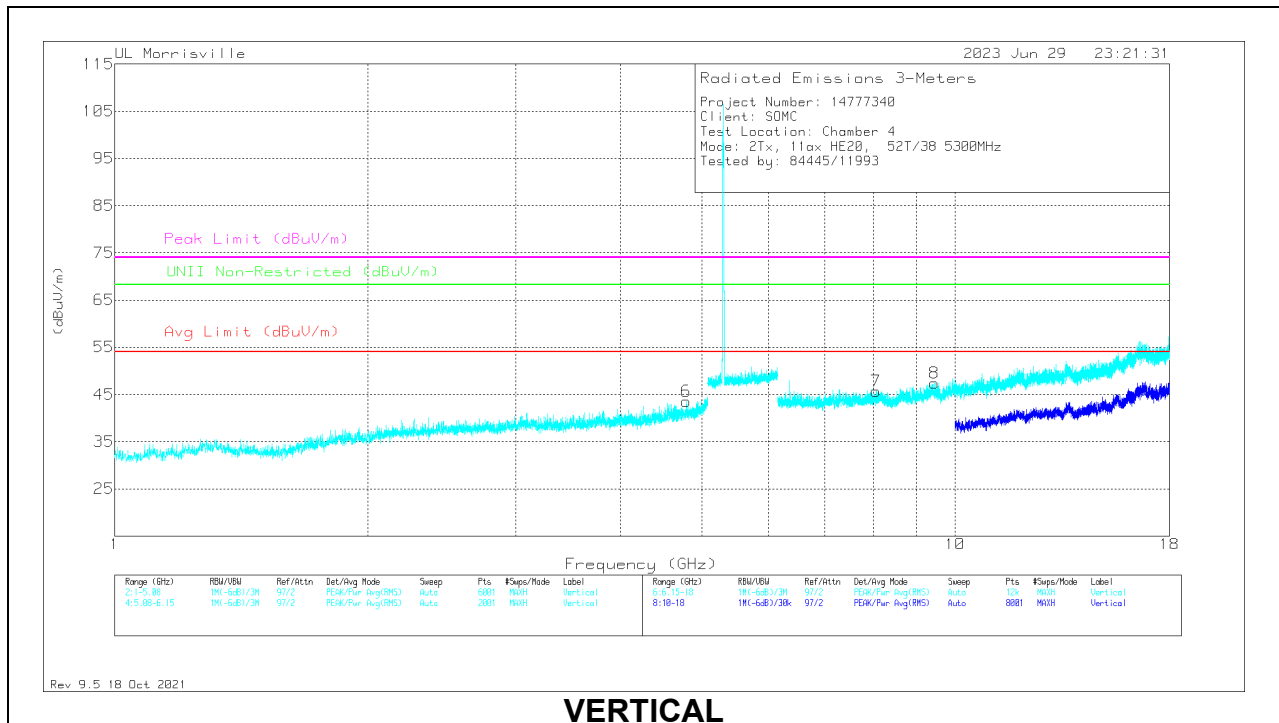
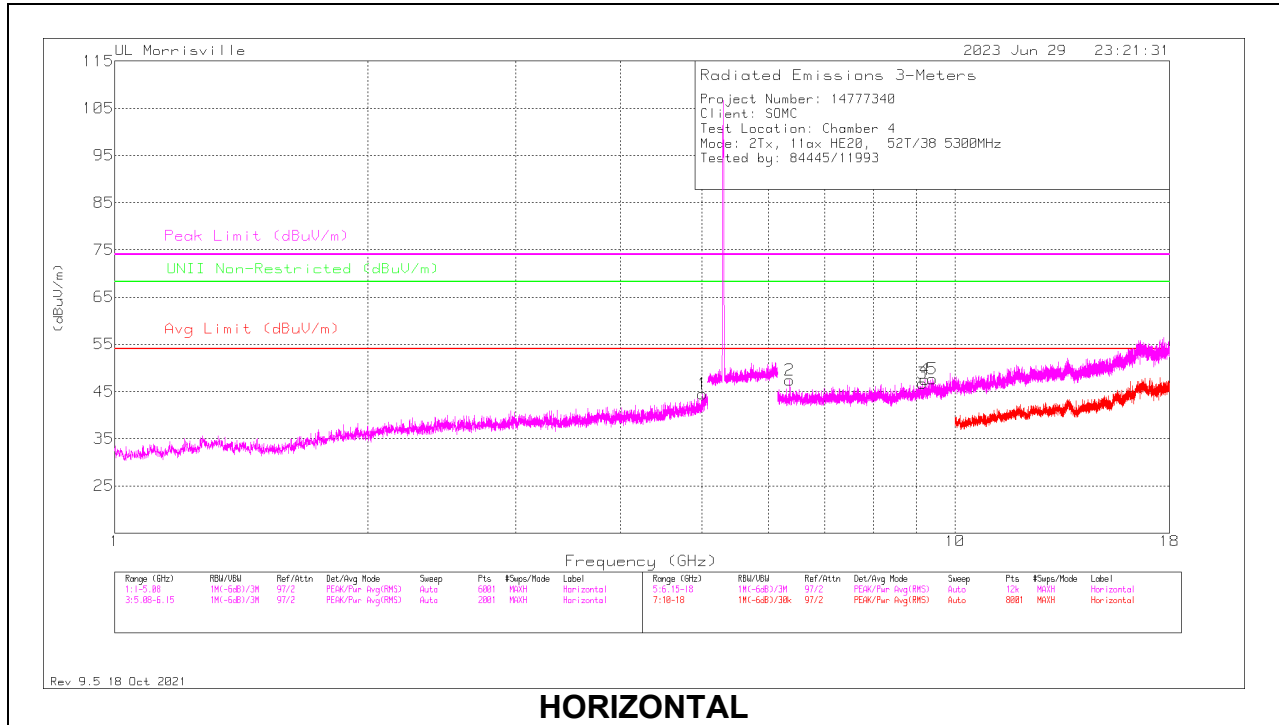
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	89509 ACF (dB/m)	Gain/Loss (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* ** 5.06572	39.23	Pk	34.1	-28.9	0	44.43	54	-9.57	74	-29.57	-	-	0-360	100	H
6	* ** 5.06232	39.8	Pk	34.1	-28.7	0	45.2	54	-8.8	74	-28.8	-	-	0-360	200	V
3	* ** 8.2356	37.29	Pk	35.8	-26.9	0	46.19	54	-7.81	74	-27.81	-	-	0-360	100	H
4	* ** 9.18953	35.11	Pk	36.4	-25.6	0	45.91	54	-8.09	74	-28.09	-	-	0-360	100	H
7	* ** 7.37154	38.22	Pk	35.5	-27.2	0	46.52	54	-7.48	74	-27.48	-	-	0-360	200	V
8	* ** 9.16286	37.31	Pk	36.3	-25.9	0	47.71	54	-6.29	74	-26.29	-	-	0-360	200	V
2	6.31195	42.05	Pk	35.4	-28.7	0	48.75	-	-	-	-	68.2	-19.45	0-360	100	H
5	9.75734	37.14	Pk	36.9	-25.4	0	48.64	-	-	-	-	68.2	-19.56	0-360	100	H

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

\*\* - indicates frequency in Taiwan NCC LP0002 Restricted Band

Pk - Peak detector

MID CHANNEL RESULTS



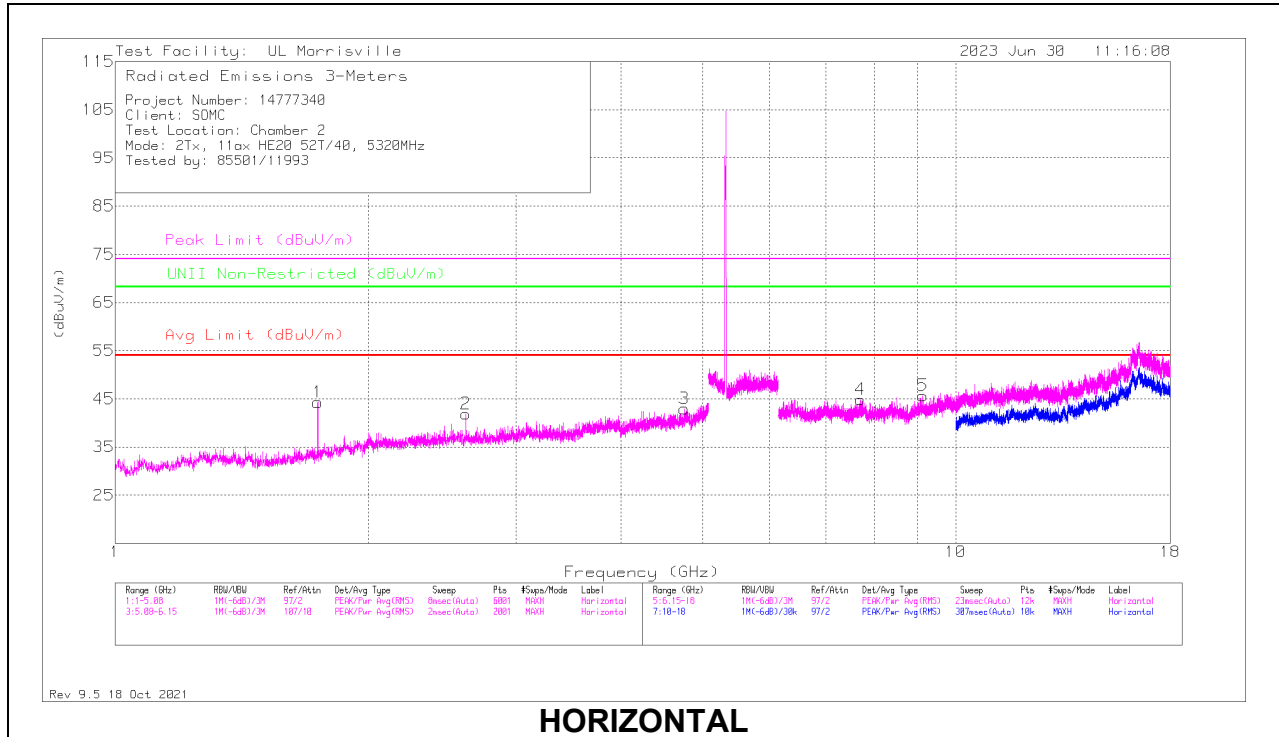


**RADIATED EMISSIONS**

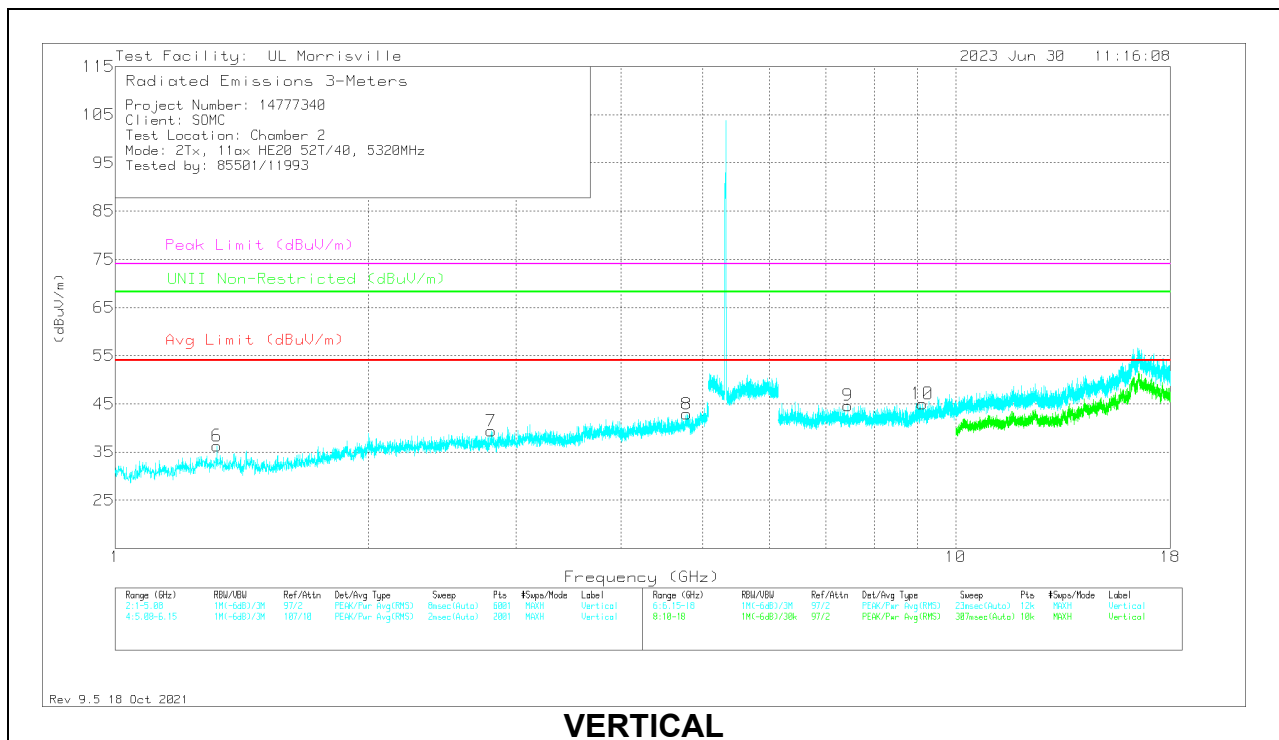
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	89509 ACF (dB/m)	Gain/Loss (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* ** 5.00316	40.67	Pk	34.1	-30.3	0	44.47	54	-9.53	74	-29.53	-	-	0-360	100	H
6	* ** 4.78828	39.86	Pk	34.1	-30.4	0	43.56	54	-10.44	74	-30.44	-	-	0-360	200	V
3	* ** 9.14509	36.18	Pk	36.3	-25.8	0	46.68	54	-7.32	74	-27.32	-	-	0-360	100	H
5	* ** 9.40776	36.69	Pk	36.6	-25.6	0	47.69	54	-6.31	74	-26.31	-	-	0-360	100	H
7	* ** 8.0618	37.42	Pk	35.8	-27.5	0	45.72	54	-8.28	74	-28.28	-	-	0-360	200	V
8	* ** 9.45121	36.16	Pk	36.7	-25.4	0	47.46	54	-6.54	74	-26.54	-	-	0-360	200	V
2	6.35935	40.81	Pk	35.4	-28.8	0	47.41	-	-	-	-	68.2	-20.79	0-360	100	H
4	9.2152	36.69	Pk	36.4	-25.5	0	47.59	-	-	-	-	68.2	-20.61	0-360	100	H

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

### HIGH CHANNEL RESULTS



### HORIZONTAL



### VERTICAL

**RADIATED EMISSIONS**

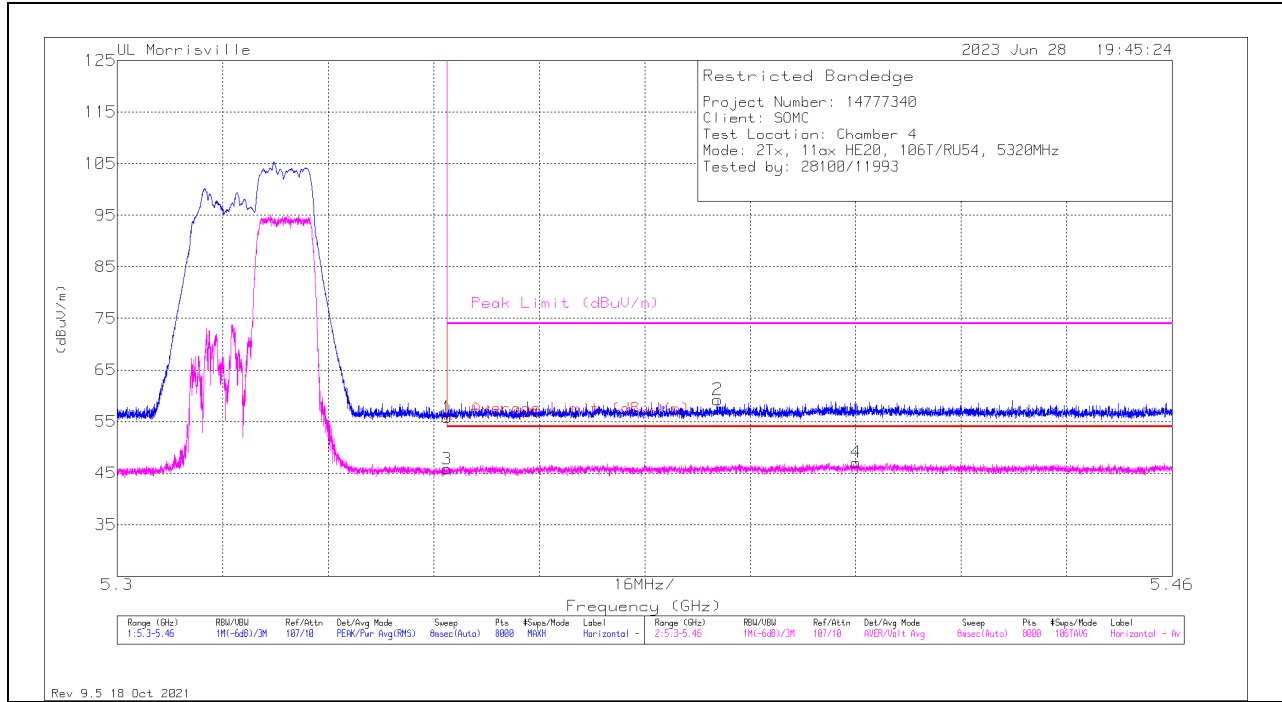
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	88761 (dB/m)	Gain/Loss (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	** 1.74188	49.29	Pk	29.3	-34.3	44.29	54	-9.71	74	-29.71	68.2	-23.91	0-360	200	H
2	** 2.61092	43.58	Pk	32	-33.7	41.88	54	-12.12	74	-32.12	68.2	-26.32	0-360	200	H
3	*** 4.75292	39.47	Pk	33.9	-30.4	42.97	54	-11.03	74	-31.03	-	-	0-360	101	H
6	*** 1.32096	42.17	Pk	28.8	-34.7	36.27	54	-17.73	74	-37.73	-	-	0-360	200	V
7	*** 2.80132	40.66	Pk	32.2	-33.5	39.36	54	-14.64	74	-34.64	-	-	0-360	101	V
8	*** 4.78488	39.28	Pk	34	-30.4	42.88	54	-11.12	74	-31.12	-	-	0-360	200	V
4	*** 7.70235	36.37	Pk	35.7	-27.2	44.87	54	-9.13	74	-29.13	-	-	0-360	200	H
5	*** 9.13916	34.88	Pk	36.3	-25.5	45.68	54	-8.32	74	-28.32	-	-	0-360	101	H
9	*** 7.43968	36.15	Pk	35.6	-27.1	44.65	54	-9.35	74	-29.35	-	-	0-360	101	V
10	*** 9.12534	34.52	Pk	36.3	-25.8	45.02	54	-8.98	74	-28.98	-	-	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

**2TX CDD MODE – 106T**

**BANDEDGE (HIGH CHANNEL)**

**HORIZONTAL RESULT**



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	89509 ACF (dB/m)	Gain/Loss (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	*** 5.35001	30.71	Pk	34.4	-9.3	0	55.81	-	-	74	-18.19	309	134	H
2	*** 5.39105	33.75	Pk	34.6	-9.1	0	59.25	-	-	74	-14.75	309	134	H
3	*** 5.35001	20.15	ADV	34.4	-9.3	.54	45.79	54	-8.21	-	-	309	134	H
4	*** 5.41208	20.83	ADV	34.6	-8.9	.54	47.07	54	-6.93	-	-	309	134	H

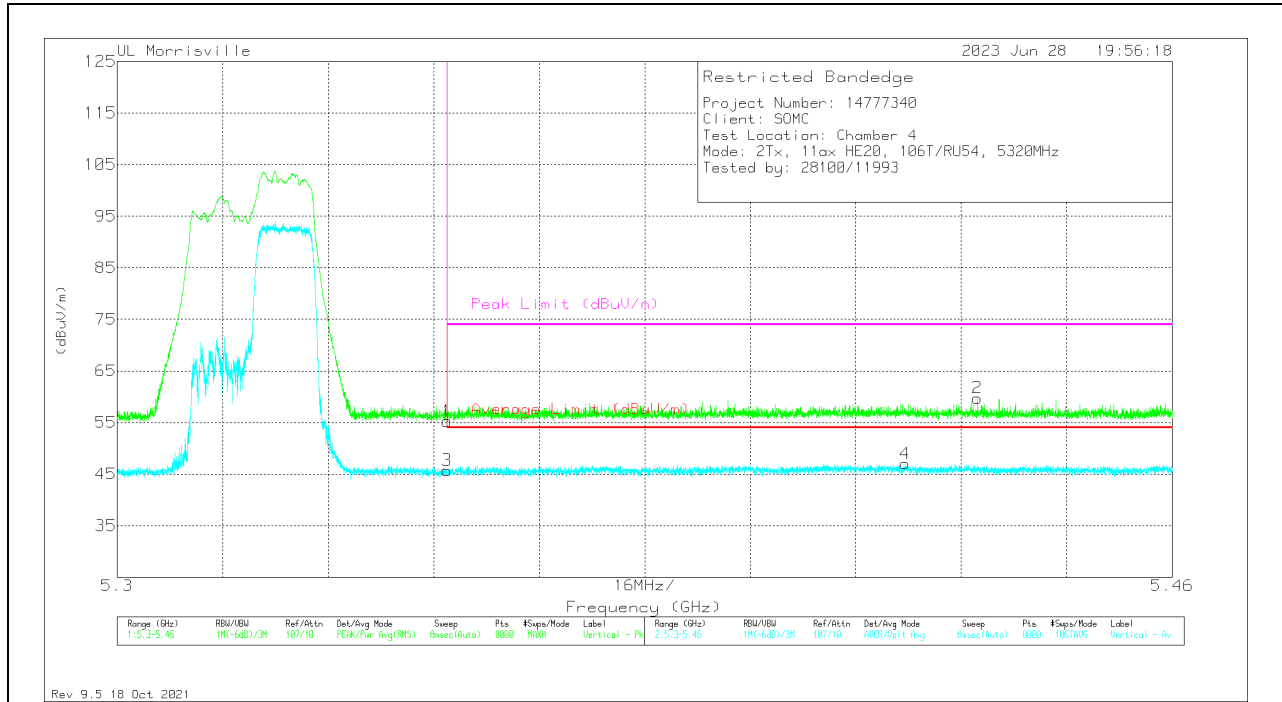
\* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

\*\* - indicates frequency in Taiwan NCC LP0002 Restricted Band

Pk - Peak detector

ADV - Linear Voltage Average

**VERTICAL RESULT**



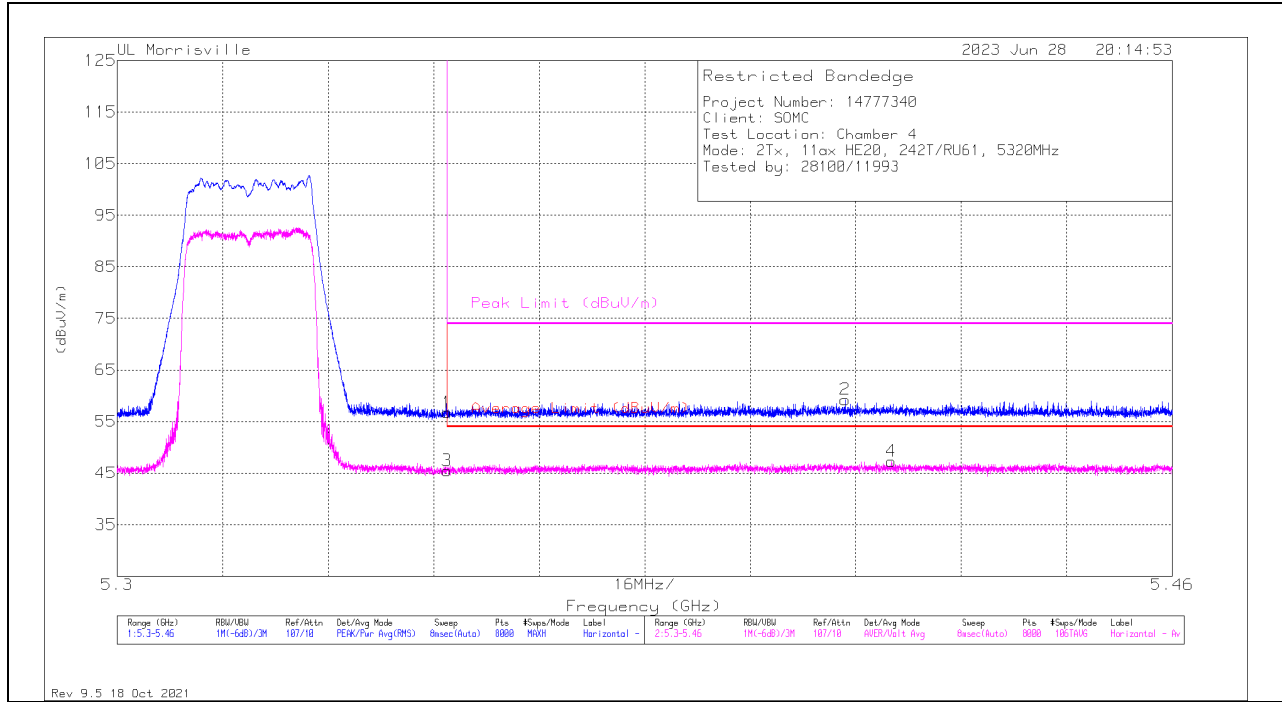
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	89509 ACF (dB/m)	Gain/Loss (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	*** 5.35001	30.16	Pk	34.4	-9.3	0	55.26	-	-	74	-18.74	309	134	V
2	*** 5.43044	34.06	Pk	34.6	-8.9	0	59.76	-	-	74	-14.24	309	134	V
3	*** 5.35001	20.06	ADV	34.4	-9.3	.54	45.7	54	-8.3	-	-	309	134	V
4	*** 5.4195	20.76	ADV	34.6	-8.9	.54	47	54	-7	-	-	309	134	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

**2TX CDD MODE – 242T**

**BANDEDGE (HIGH CHANNEL)**

**HORIZONTAL RESULT**



Rev. 9.5 18 Oct. 2021

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	89509 ACF (dB/m)	Gain/Loss (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* ** 5.35001	31.67	Pk	34.4	-9.3	0	56.77	-	-	74	-17.23	327	141	H
2	* ** 5.4104	33.57	Pk	34.6	-8.9	0	59.27	-	-	74	-14.73	327	141	H
3	* ** 5.35001	19.79	ADV	34.4	-9.3	.58	45.47	54	-8.53	-	-	327	141	H
4	* ** 5.4174	20.91	ADV	34.6	-8.8	.58	47.29	54	-6.71	-	-	327	141	H

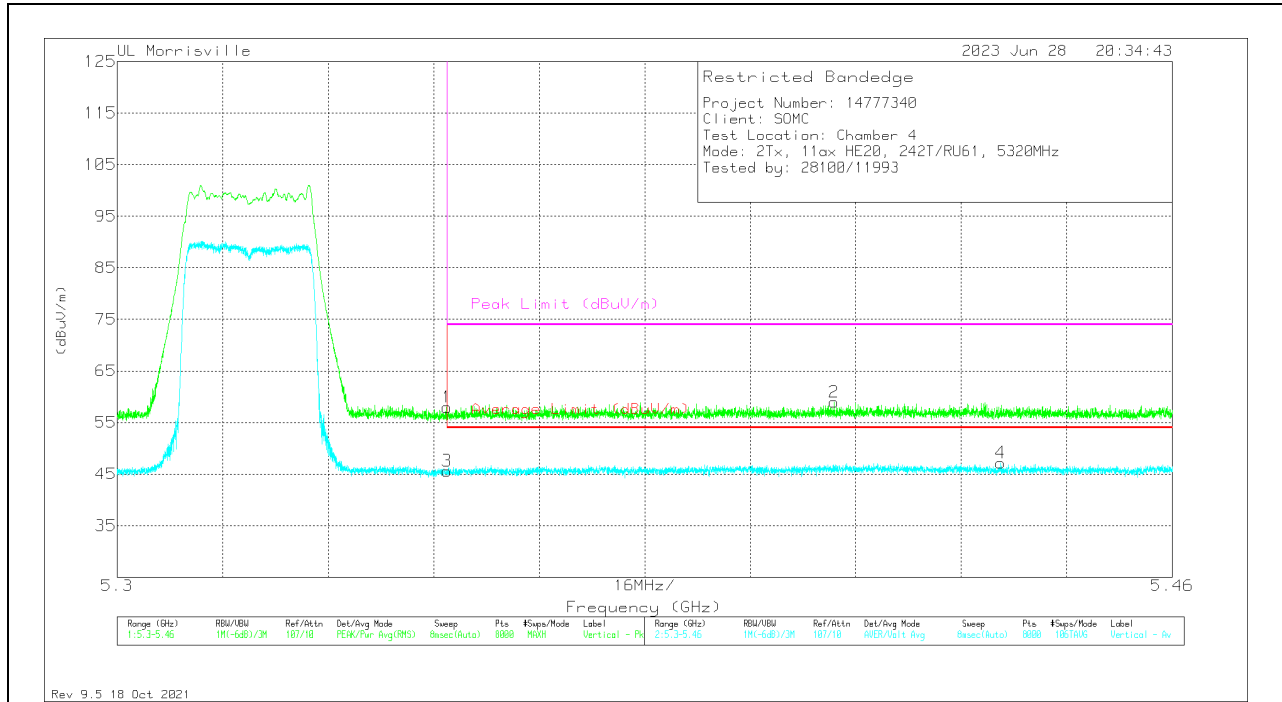
\* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

\*\* - indicates frequency in Taiwan NCC LP0002 Restricted Band

Pk - Peak detector

ADV - Linear Voltage Average

**VERTICAL RESULT**



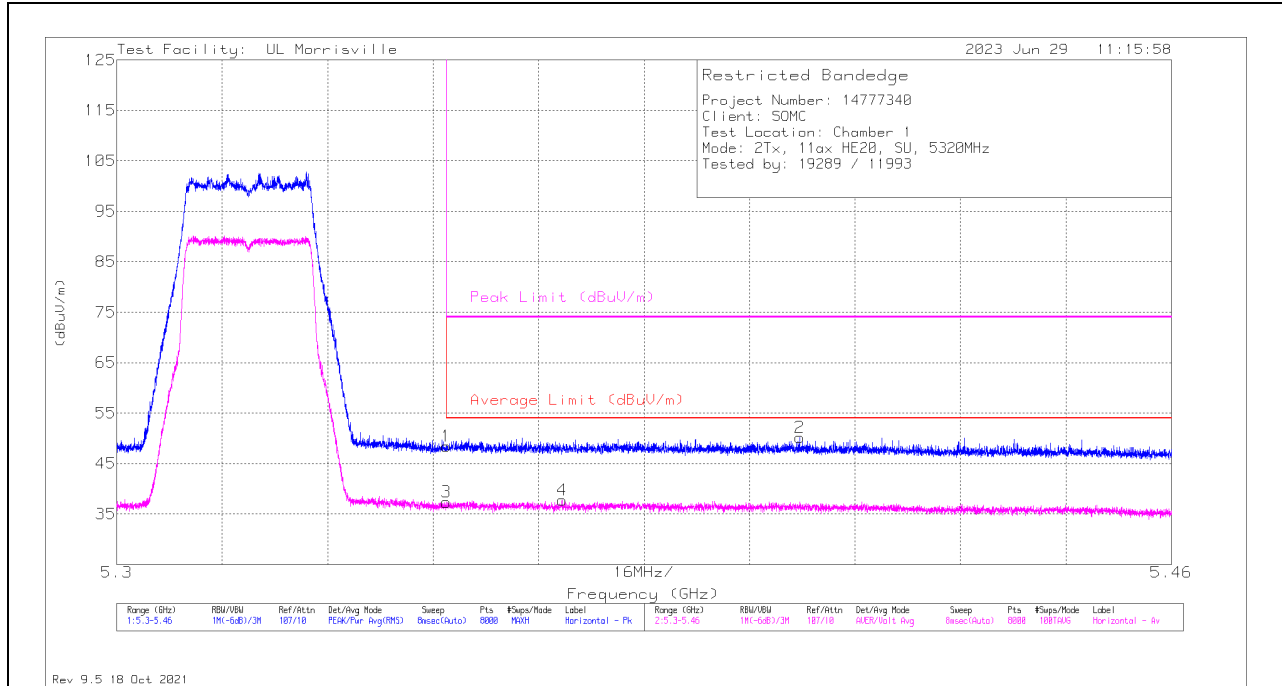
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	89509 ACF (dB/m)	Gain/Loss (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	*** 5.35001	32.85	Pk	34.4	-9.3	0	57.95	-	-	74	-16.05	325	146	V
2	*** 5.40874	33.15	Pk	34.6	-8.8	0	58.95	-	-	74	-15.05	325	146	V
3	*** 5.35001	19.91	ADV	34.4	-9.3	.58	45.59	54	-8.41	-	-	325	146	V
4	*** 5.434	21.08	ADV	34.6	-9.1	.58	47.16	54	-6.84	-	-	325	146	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

**2TX CDD MODE – SU**

**BANDEDGE (HIGH CHANNEL)**

**HORIZONTAL RESULT**



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	206211 (dB/m)	Gain/Loss (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* ** 5.35001	34.7	Pk	34.5	-20.8	48.4	-	-	74	-25.6	252	148	H
2	* ** 5.4036	36.39	Pk	34.5	-20.7	50.19	-	-	74	-23.81	252	148	H
3	* ** 5.35001	23.62	ADV	34.5	-20.8	37.32	54	-16.68	-	-	252	148	H
4	* ** 5.36757	24.01	ADV	34.5	-20.8	37.71	54	-16.29	-	-	252	148	H

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

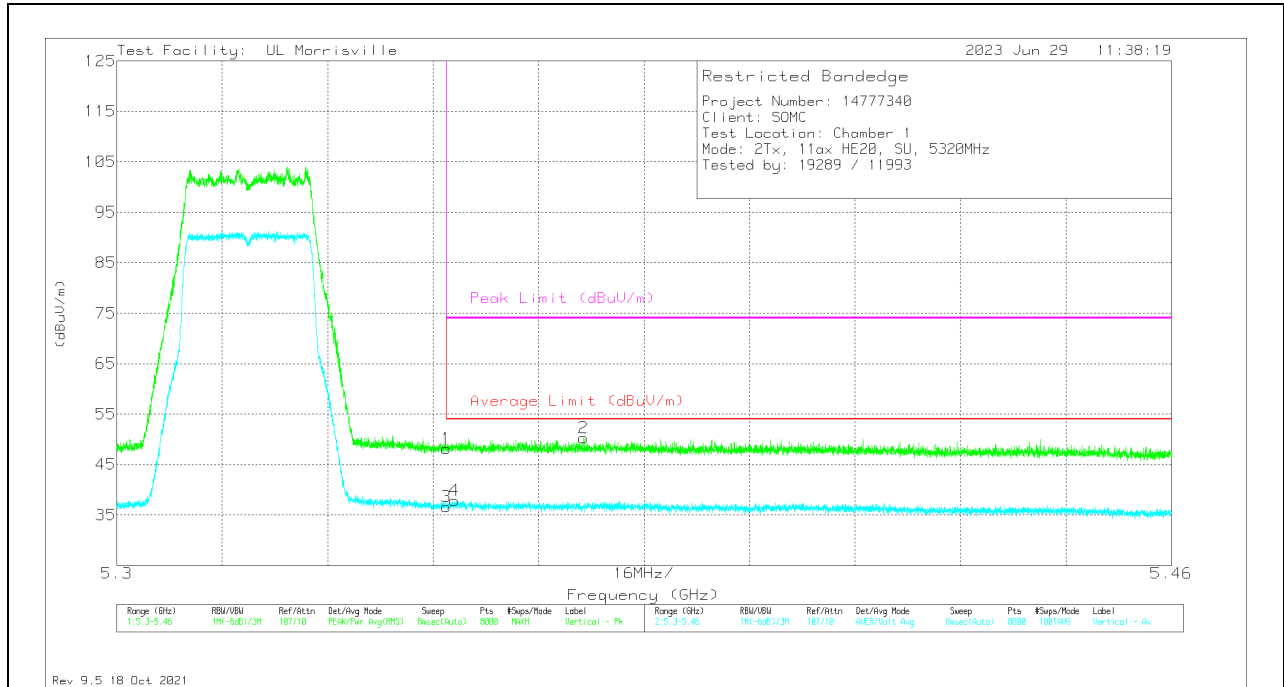
\*\* - indicates frequency in Taiwan NCC LP0002 Restricted Band

Pk - Peak detector

ADV - Linear Voltage Average



**VERTICAL RESULT**



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	206211 (dB/m)	Gain/Loss (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	*** 5.35001	34.49	Pk	34.5	-20.8	48.19	-	-	74	-25.81	253	137	V
2	*** 5.37085	36.58	PK	34.5	-20.8	50.28	-	-	74	-23.72	253	137	V
3	*** 5.35001	22.96	ADV	34.5	-20.8	36.66	54	-17.34	-	-	253	137	V
4	*** 5.35121	24.13	ADV	34.5	-20.7	37.93	54	-16.07	-	-	253	137	V

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

\*\* - indicates frequency in Taiwan NCC LP0002 Restricted Band

Pk - Peak detector

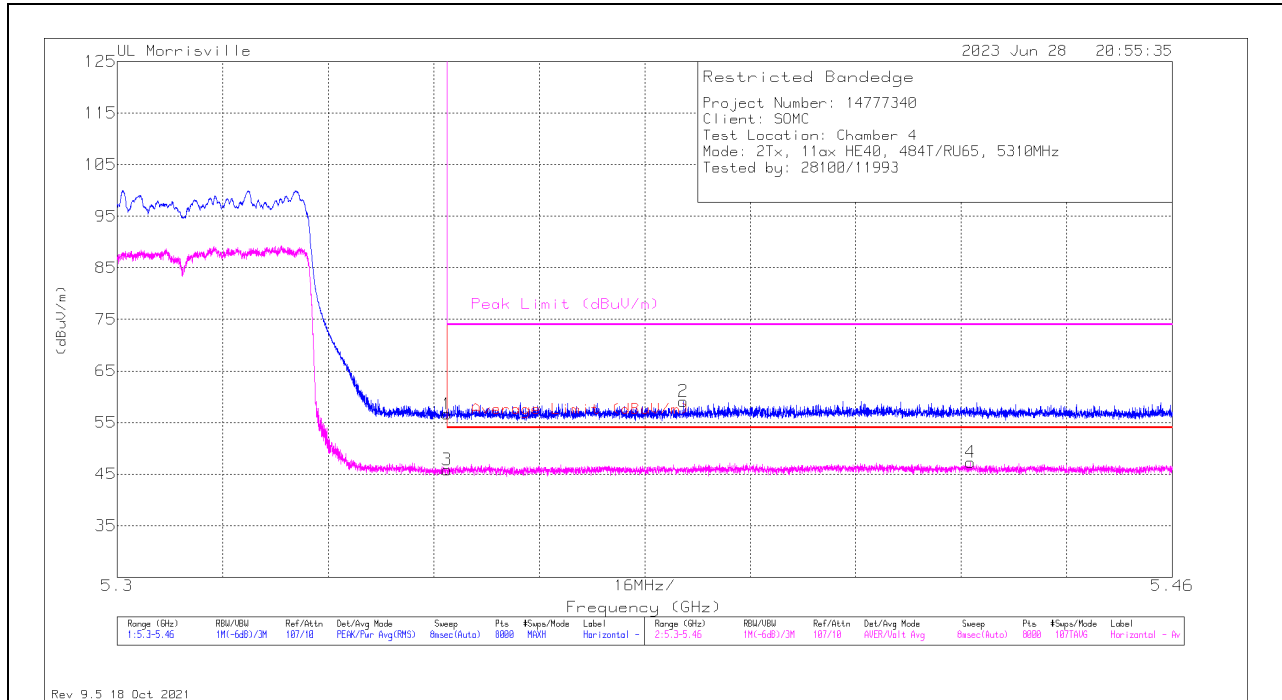
ADV - Linear Voltage Average

**10.1.14. TX ABOVE 1 GHz 802.11ax HE40 MODE IN THE 5.3 GHz BAND**

**2TX CDD MODE – 484T**

**BANDEDGE (HIGH CHANNEL)**

**HORIZONTAL RESULT**



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	89509 ACF (dB/m)	Gain/Loss (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	*** 5.35001	31.54	Pk	34.4	-9.3	0	56.64	-	-	74	-17.36	327	127	H
2	*** 5.38583	33.83	Pk	34.5	-9.2	0	59.13	-	-	74	-14.87	327	127	H
3	*** 5.35001	20.14	ADV	34.4	-9.3	.61	45.85	54	-8.15	-	-	327	127	H
4	*** 5.4294	20.87	ADV	34.6	-8.8	.61	47.28	54	-6.72	-	-	327	127	H

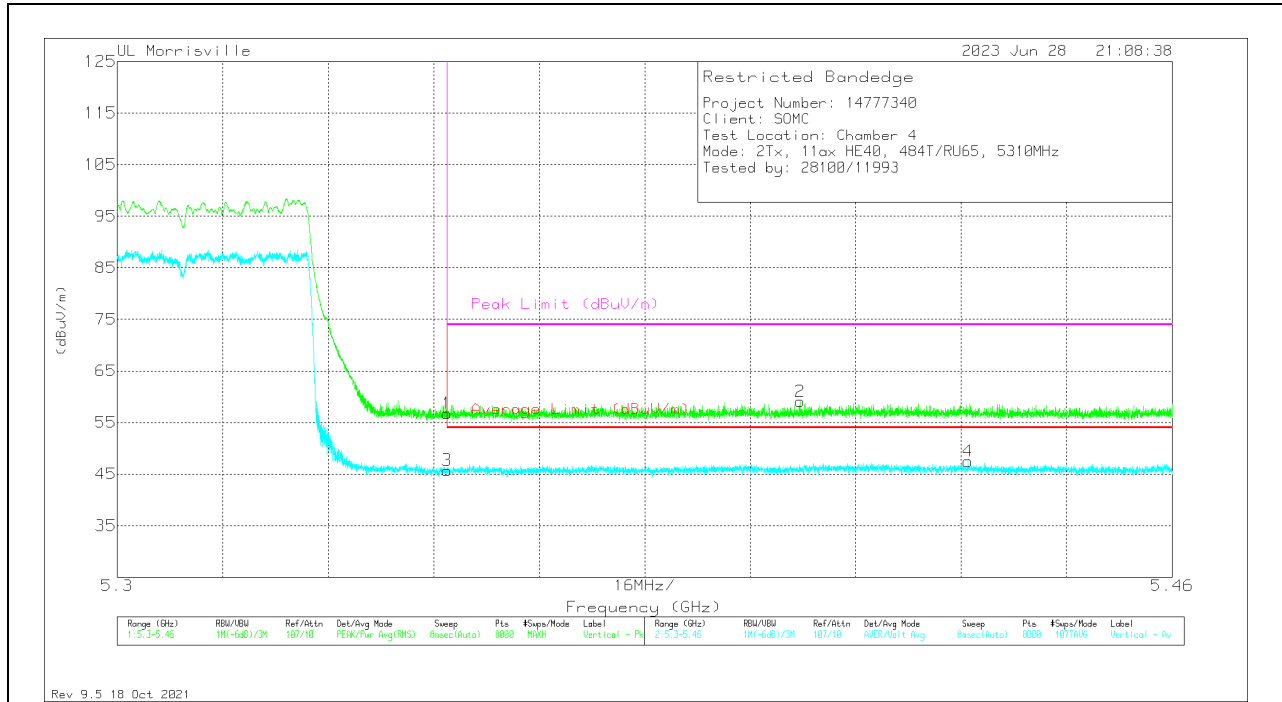
\* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

\*\* - indicates frequency in Taiwan NCC LP0002 Restricted Band

Pk - Peak detector

ADV - Linear Voltage Average

**VERTICAL RESULT**



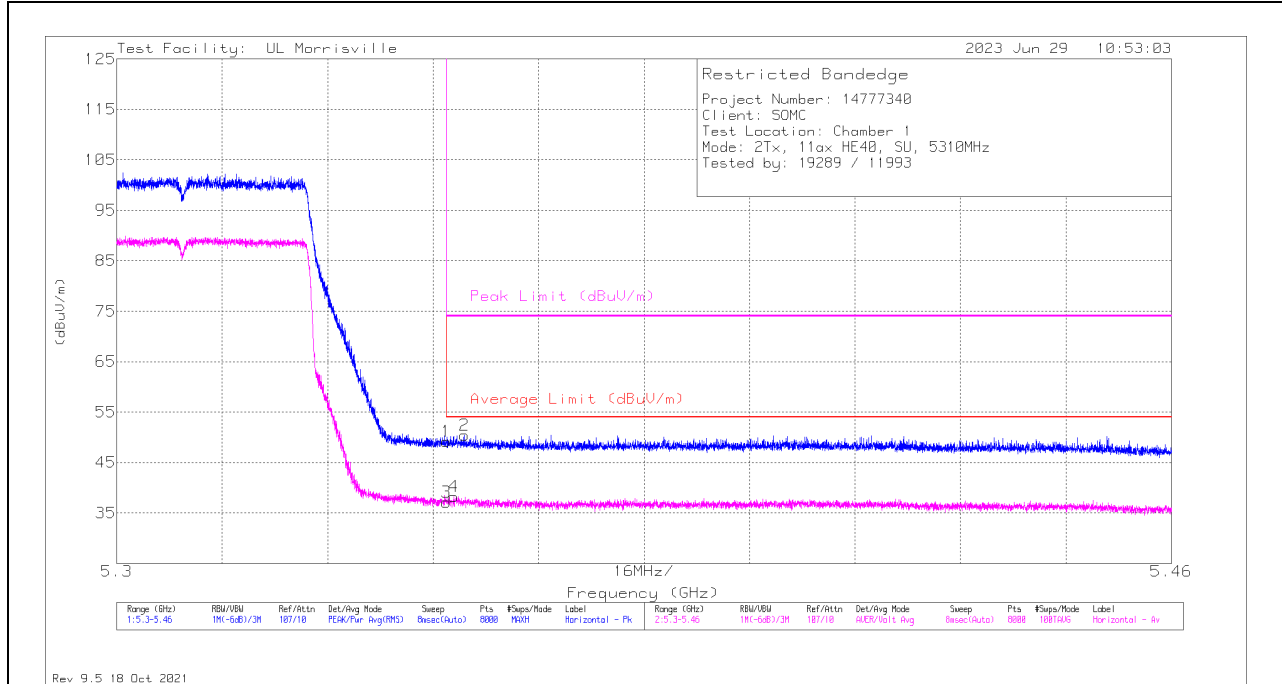
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	89509 ACF (dB/m)	Gain/Loss (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	*** 5.35001	31.67	Pk	34.4	-9.3	0	56.77	-	-	74	-17.23	317	128	V
2	*** 5.40356	33.59	Pk	34.6	-9.1	0	59.09	-	-	74	-14.91	317	128	V
3	*** 5.35001	20	ADV	34.4	-9.3	.61	45.71	54	-8.29	-	-	317	128	V
4	*** 5.429	21.06	ADV	34.6	-8.8	.61	47.47	54	-6.53	-	-	317	128	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

**2TX CDD MODE – SU**

**BANDEDGE (HIGH CHANNEL)**

**HORIZONTAL RESULT**



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	206211 (dB/m)	Gain/Loss (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* ** 5.35001	35.45	Pk	34.5	-20.8	49.15	-	-	74	-24.85	267	127	H
2	* ** 5.35277	36.57	Pk	34.5	-20.6	50.47	-	-	74	-23.53	267	127	H
3	* ** 5.35001	23.4	ADV	34.5	-20.8	37.1	54	-16.9	-	-	267	127	H
4	* ** 5.35113	24.48	ADV	34.5	-20.7	38.28	54	-15.72	-	-	267	127	H

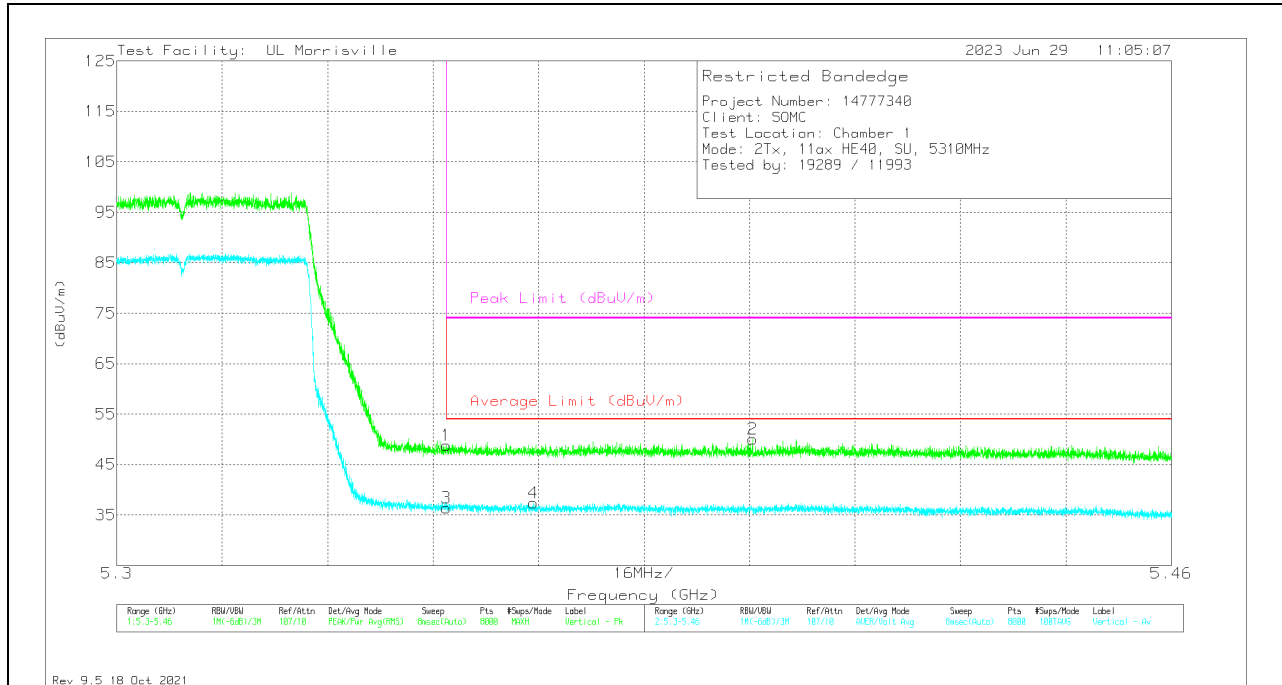
\* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

\*\* - 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)	Gain/Loss (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* ** 5.35001	35.09	Pk	34.5	-20.8	48.79	-	-	74	-25.21	232	150	V
2	* ** 5.39645	36.29	PK	34.5	-20.8	49.99	-	-	74	-24.01	232	150	V
3	* ** 5.35001	22.73	ADV	34.5	-20.8	36.43	54	-17.57	-	-	232	150	V
4	* ** 5.36319	23.64	ADV	34.5	-20.8	37.34	54	-16.66	-	-	232	150	V

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

\*\* - indicates frequency in Taiwan NCC LP0002 Restricted Band

Pk - Peak detector

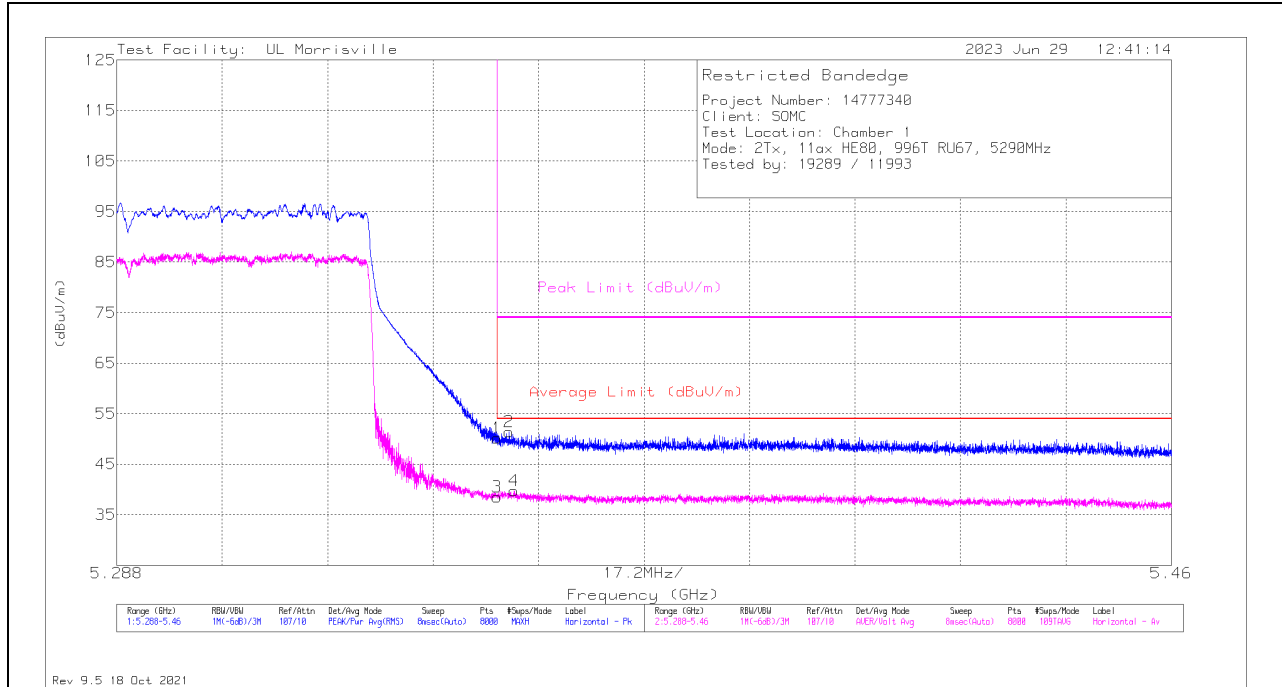
ADV - Linear Voltage Average

**10.1.15. TX ABOVE 1 GHz 802.11ax HE80 MODE IN THE 5.3 GHz BAND**

**2TX CDD MODE – 996T**

**BANDEDGE (HIGH CHANNEL)**

**HORIZONTAL RESULT**



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	206211 (dB/m)	Gain/Loss (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	** * 5.35001	36.43	Pk	34.5	-20.8	0	50.13	-	-	74	-23.87	264	109	H
2	** * 5.35195	37.51	Pk	34.5	-20.6	0	51.41	-	-	74	-22.59	264	109	H
3	** * 5.35001	23.98	ADV	34.5	-20.8	.8	38.48	54	-15.52	-	-	264	109	H
4	** * 5.35283	25.08	ADV	34.5	-20.6	.8	39.78	54	-14.22	-	-	264	109	H

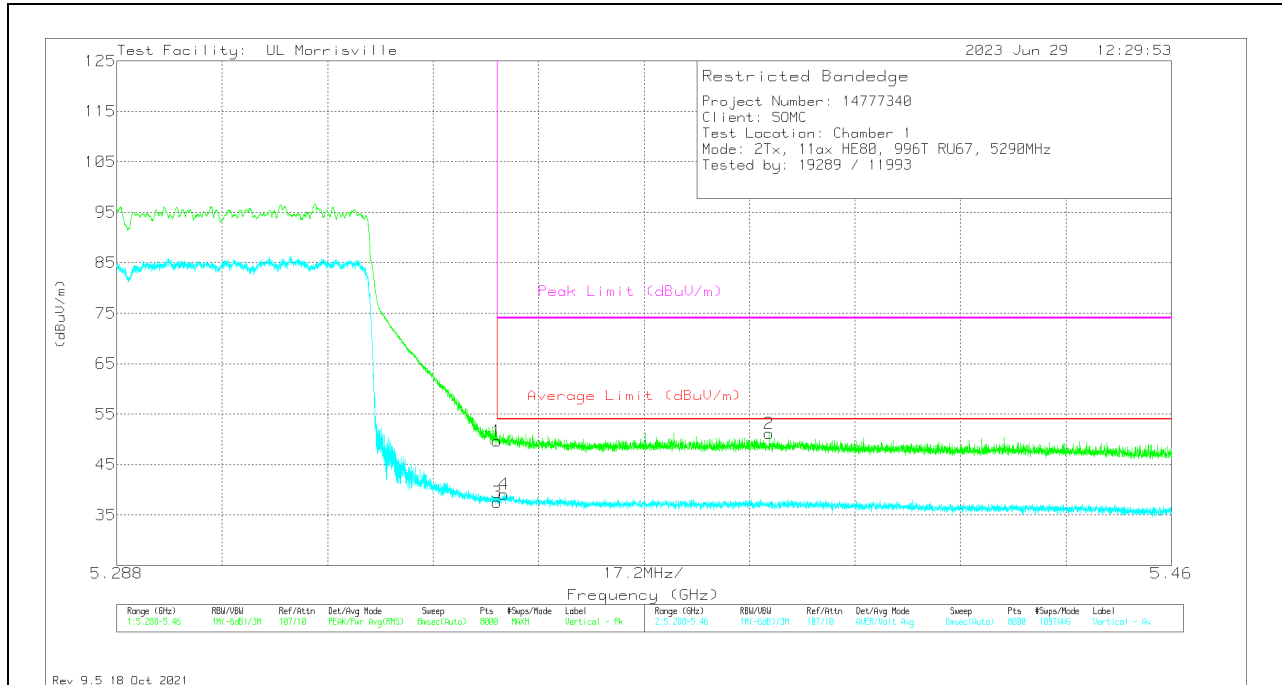
\* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

\*\* - 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)	Gain/Loss (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* ** 5.35001	35.98	Pk	34.5	-20.8	0	49.68	-	-	74	-24.32	251	117	V
2	* ** 5.3944	37.59	Pk	34.5	-20.9	0	51.19	-	-	74	-22.81	251	117	V
3	* ** 5.35001	23	ADV	34.5	-20.8	.8	37.5	54	-16.5	-	-	251	116	V
4	* ** 5.35111	24.54	ADV	34.5	-20.7	.8	39.14	54	-14.86	-	-	251	116	V

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

\*\* - indicates frequency in Taiwan NCC LP0002 Restricted Band

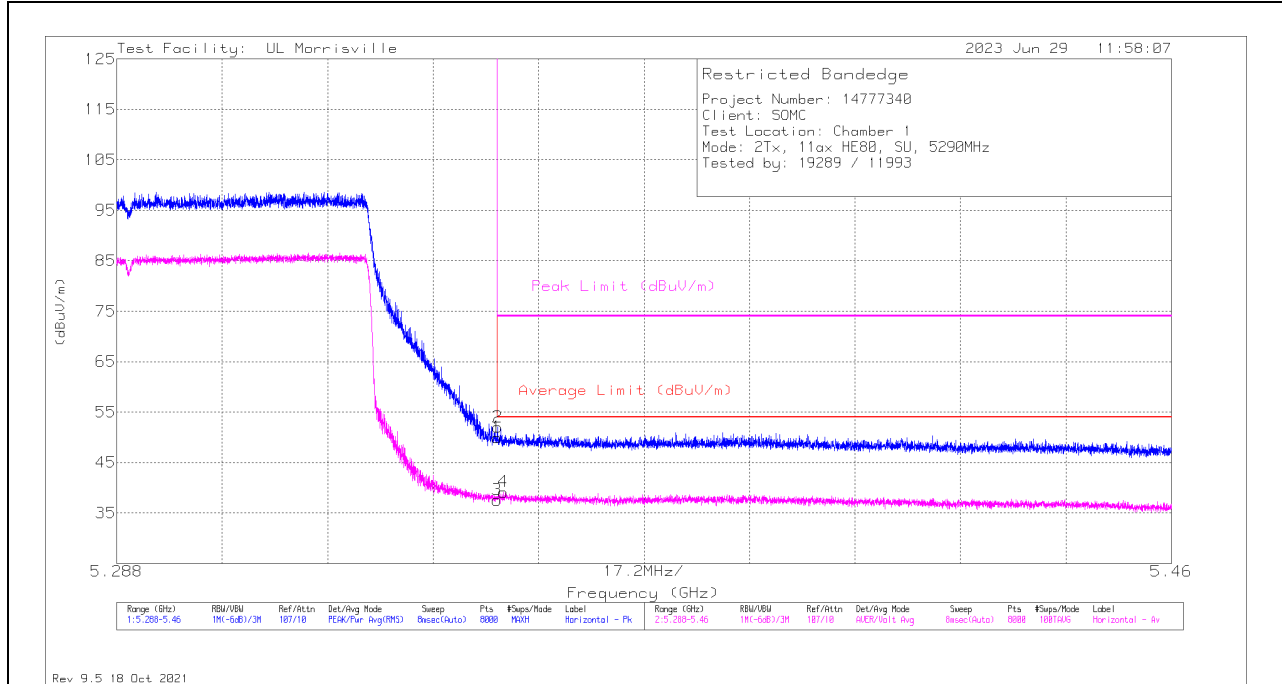
Pk - Peak detector

ADV - Linear Voltage Average

**2TX CDD MODE – SU**

**BANDEDGE (HIGH CHANNEL)**

**HORIZONTAL RESULT**

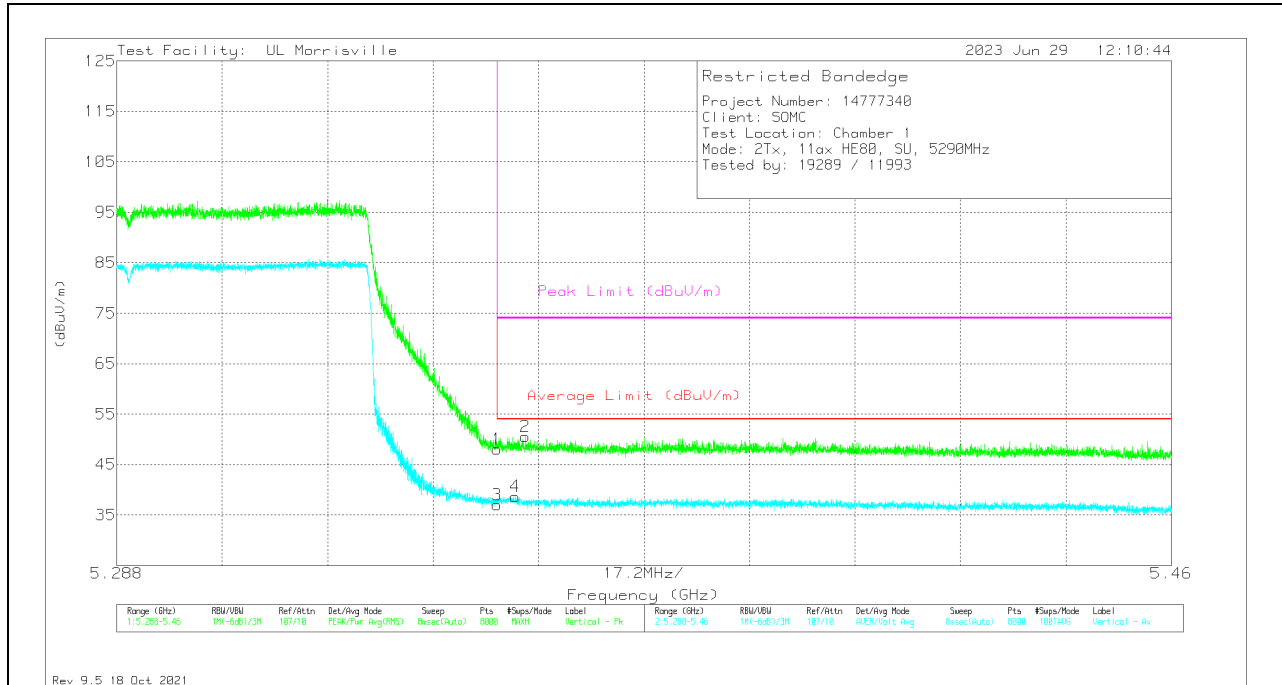


Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	206211 (dB/m)	Gain/Loss (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* ** 5.35001	36.28	Pk	34.5	-20.8	49.98	-	-	74	-24.02	261	129	H
2	* ** 5.35008	38.3	Pk	34.5	-20.8	52	-	-	74	-22	261	129	H
3	* ** 5.35001	23.87	ADV	34.5	-20.8	37.57	54	-16.43	-	-	261	129	H
4	* ** 5.35107	25.38	ADV	34.5	-20.7	39.18	54	-14.82	-	-	261	129	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)	Gain/Loss (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* ** 5.35001	34.38	Pk	34.5	-20.8	48.08	-	-	74	-25.92	232	121	V
2	* ** 5.35462	36.73	PK	34.5	-20.7	50.53	-	-	74	-23.47	232	121	V
3	* ** 5.35001	23.29	ADV	34.5	-20.8	36.99	54	-17.01	-	-	232	121	V
4	* ** 5.353	24.78	ADV	34.5	-20.6	38.68	54	-15.32	-	-	232	121	V

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

\*\* - indicates frequency in Taiwan NCC LP0002 Restricted Band

Pk - Peak detector

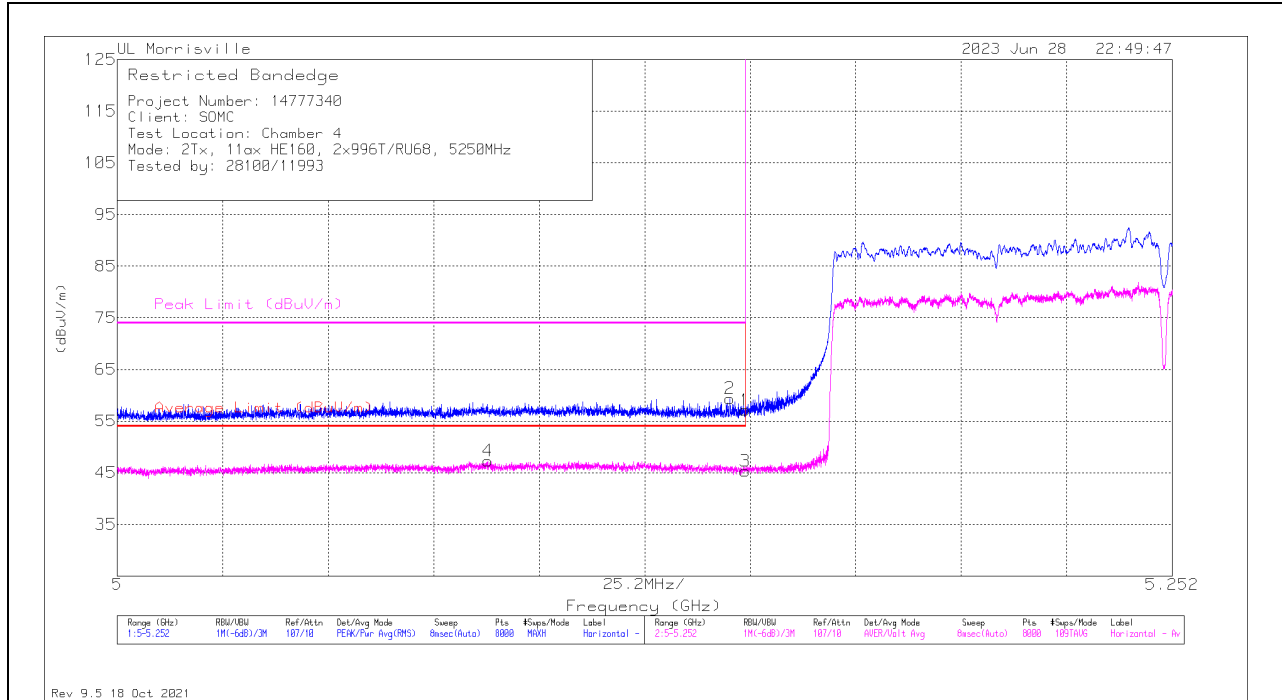
ADV - Linear Voltage Average

### 10.1.16. TX ABOVE 1 GHz 802.11ax HE160 MODE IN THE 5.2/5.3 GHz BAND

#### 2TX CDD MODE – 2x996T

#### BANDEDGE (LOW)

#### HORIZONTAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	89509 ACF (dB/m)	Gain/Loss (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	*** 5.14999	32.44	Pk	34.2	-9.5	0	57.14	-	-	74	-16.86	313	136	H
2	*** 5.1463	34.65	Pk	34.2	-9.5	0	59.35	-	-	74	-14.65	313	136	H
3	*** 5.14999	19.82	ADV	34.2	-9.5	.8	45.32	54	-8.68	-	-	313	136	H
4	*** 5.08849	21.78	ADV	34.1	-9.4	.8	47.28	54	-6.72	-	-	313	136	H

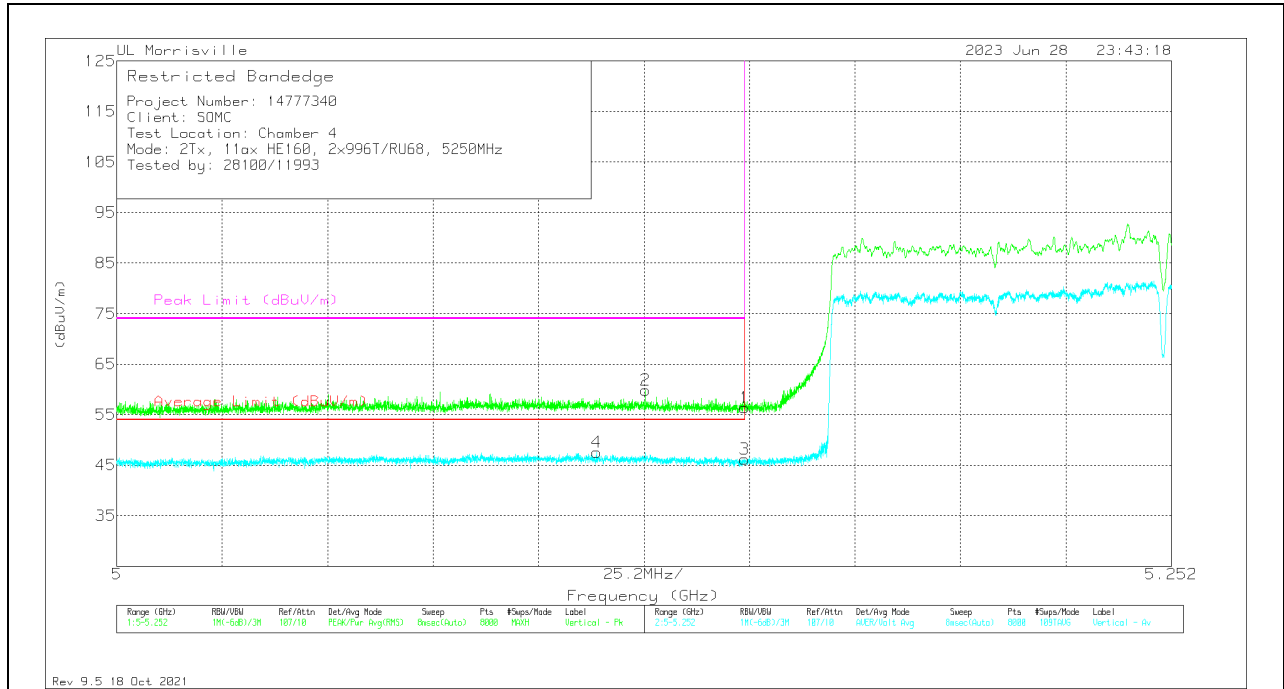
\* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

\*\* - indicates frequency in Taiwan NCC LP0002 Restricted Band

Pk - Peak detector

ADV - Linear Voltage Average

**VERTICAL RESULT**

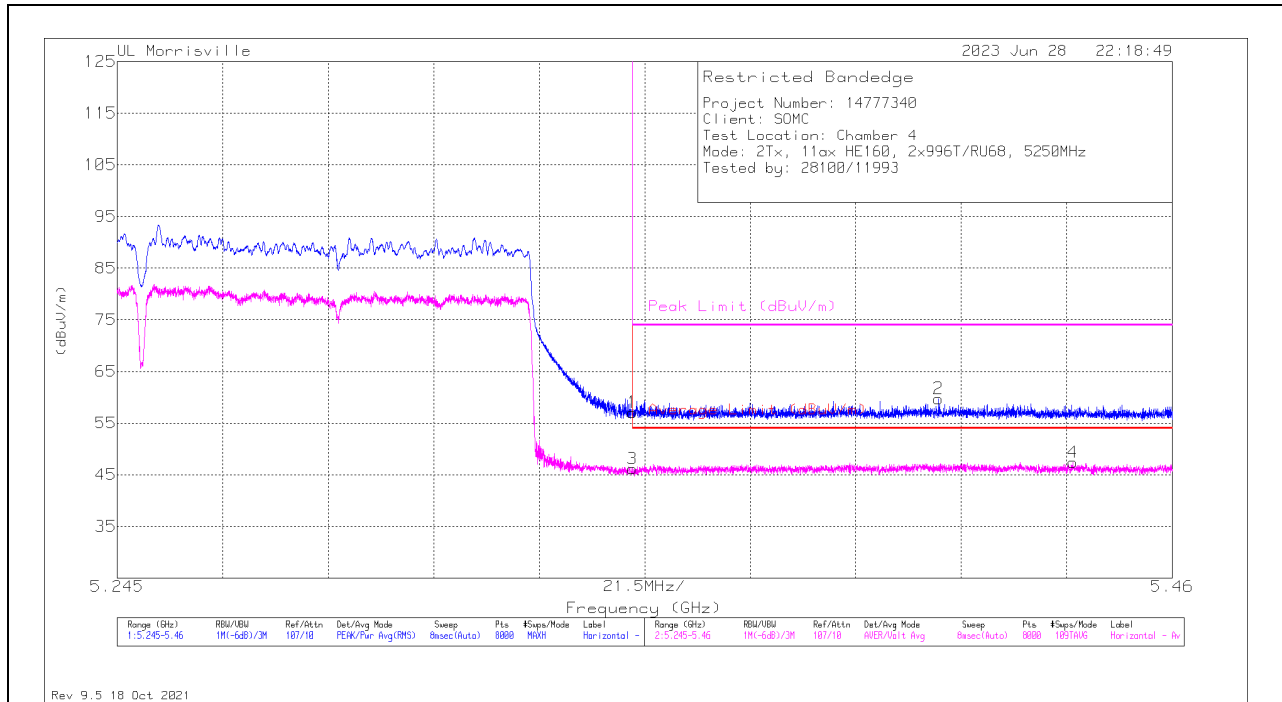


Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	89509 ACF (dB/m)	Gain/Loss (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	*** 5.14999	31.66	Pk	34.2	-9.5	0	56.36	-	-	74	-17.64	321	139	V
2	*** 5.12636	34.76	Pk	34.2	-9.1	0	59.86	-	-	74	-14.14	321	139	V
3	*** 5.14999	20.73	ADV	34.2	-9.5	.8	46.23	54	-7.77	-	-	321	139	V
4	*** 5.11471	22.11	ADV	34.1	-9.4	.8	47.61	54	-6.39	-	-	321	139	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)**

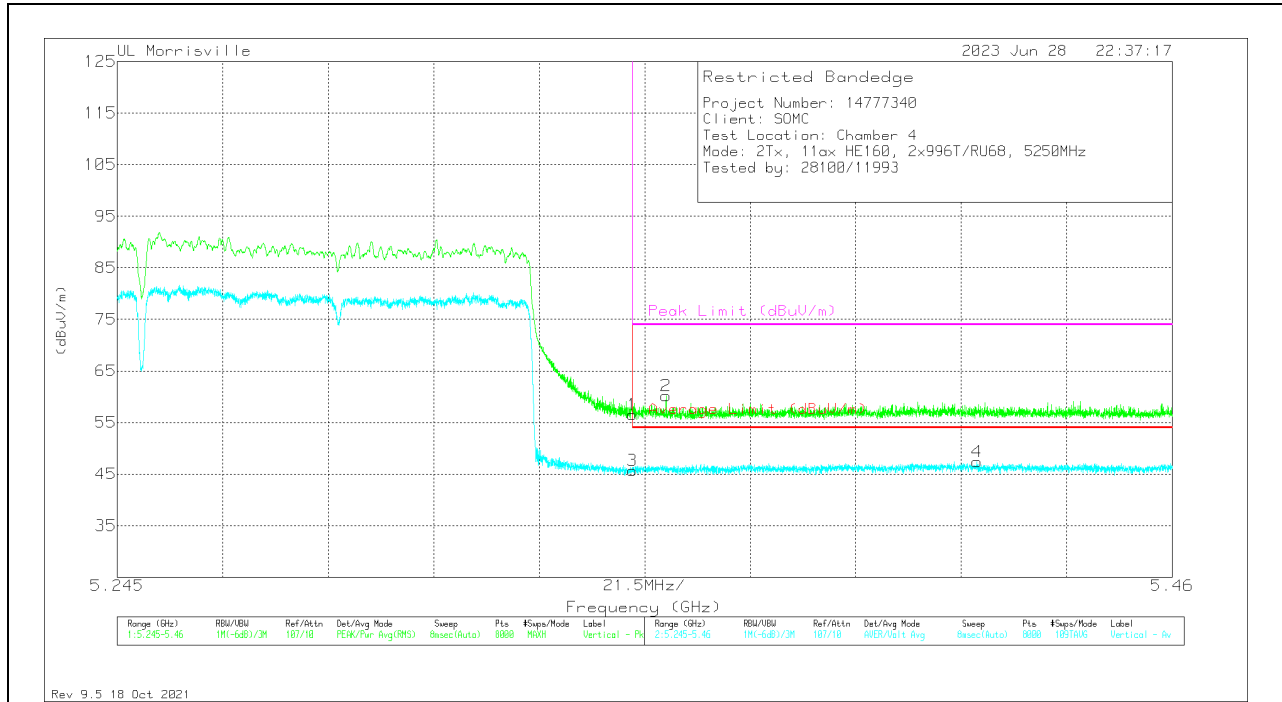
**HORIZONTAL RESULT**



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	89509 ACF (dB/m)	Gain/Loss (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	*** 5.35001	31.95	Pk	34.4	-9.3	0	57.05	-	-	74	-16.95	315	129	H
2	** * 5.4124	34.01	Pk	34.6	-8.9	0	59.71	-	-	74	-14.29	315	129	H
3	*** 5.35001	20.27	ADV	34.4	-9.3	.8	46.17	54	-7.83	-	-	315	129	H
4	*** 5.43978	20.89	ADV	34.6	-8.9	.8	47.39	54	-6.61	-	-	315	129	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**



Rev 9.5 18 Oct 2021

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	89509 ACF (dB/m)	Gain/Loss (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	*** 5.35001	31.4	Pk	34.4	-9.3	0	56.5	-	-	74	-17.5	325	132	V
2	*** 5.35684	34.86	Pk	34.4	-9.1	0	60.16	-	-	74	-13.84	325	132	V
3	*** 5.35001	19.78	ADV	34.4	-9.3	.8	45.68	54	-8.32	-	-	325	132	V
4	*** 5.42022	20.88	ADV	34.6	-8.9	.8	47.38	54	-6.62	-	-	325	132	V

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

\*\* - indicates frequency in Taiwan NCC LP0002 Restricted Band

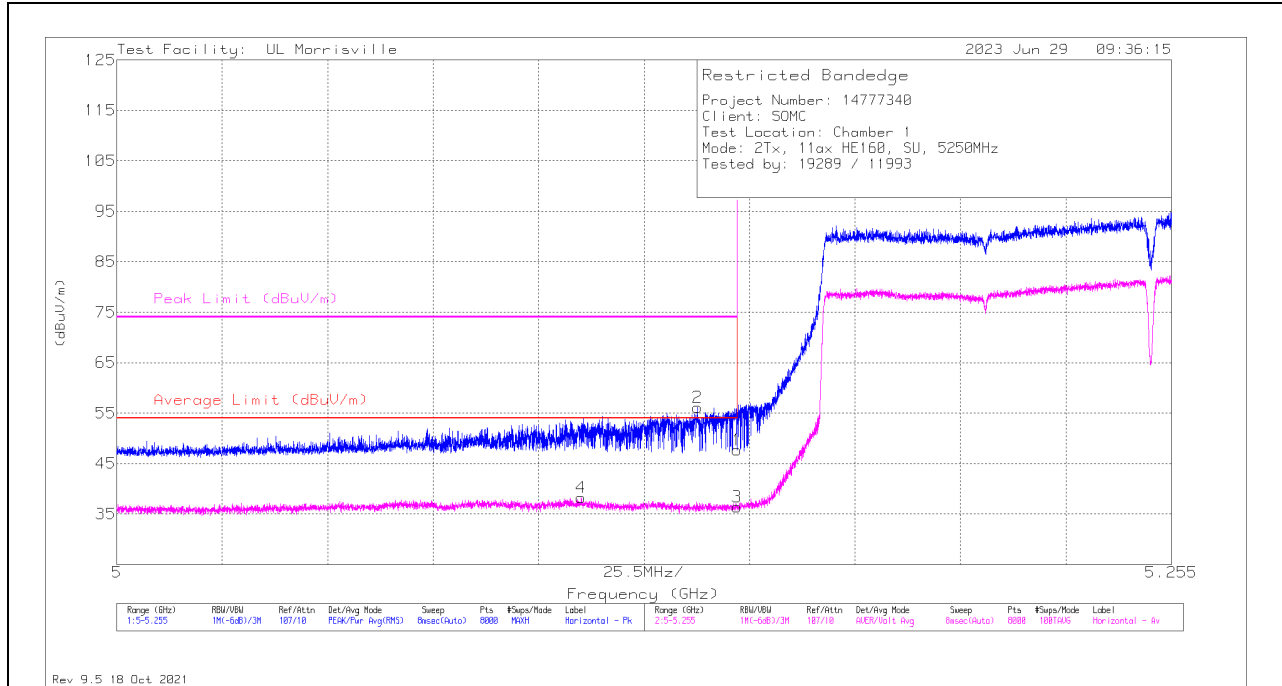
Pk - Peak detector

ADV - Linear Voltage Average

**2TX CDD MODE – SU**

**BANDEDGE (LOW)**

**HORIZONTAL RESULT**



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	206211 (dB/m)	Gain/Loss (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* ** 5.14999	34.09	PK	34.3	-20.7	47.69	-	-	74	-26.31	244	142	H
2	* ** 5.14043	42.7	PK	34.3	-20.9	56.1	-	-	74	-17.9	244	142	H
3	* ** 5.14999	22.78	ADV	34.3	-20.7	36.38	54	-17.62	-	-	244	142	H
4	* ** 5.11231	24.51	ADV	34.2	-20.5	38.21	54	-15.79	-	-	244	142	H

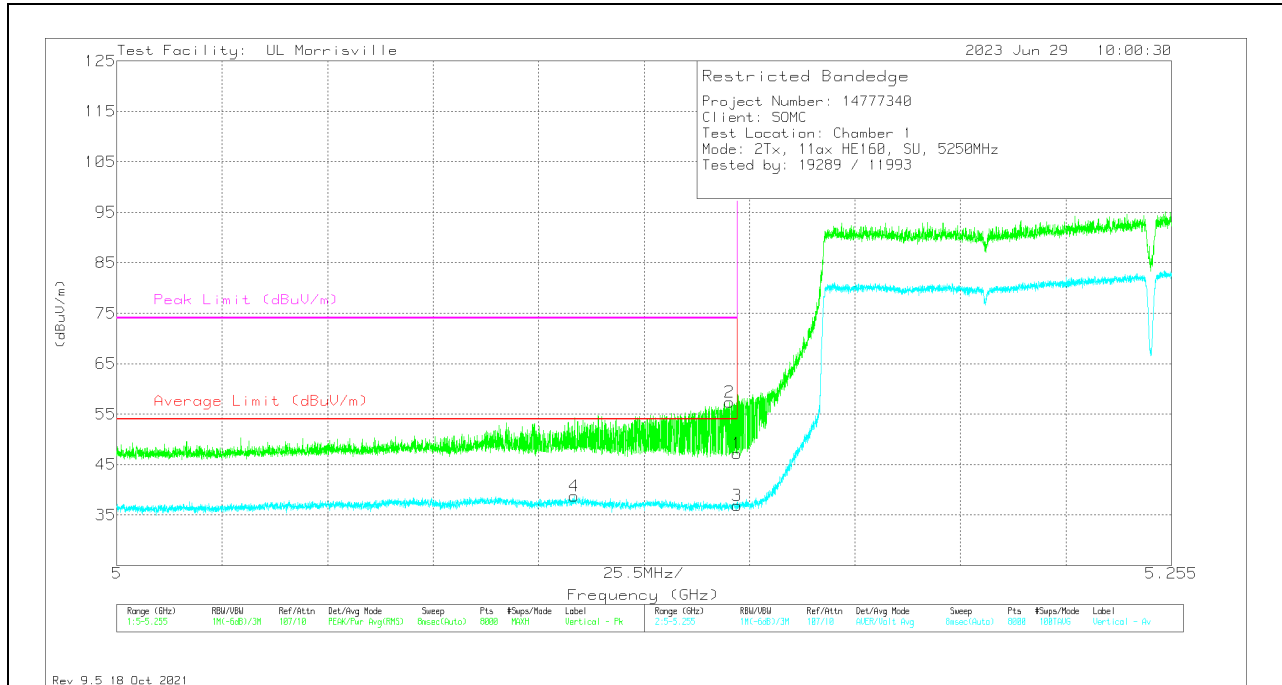
\* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

\*\* - indicates frequency in Taiwan NCC LP0002 Restricted Band

PK - Peak detector

ADV - Linear Voltage Average

**VERTICAL RESULT**

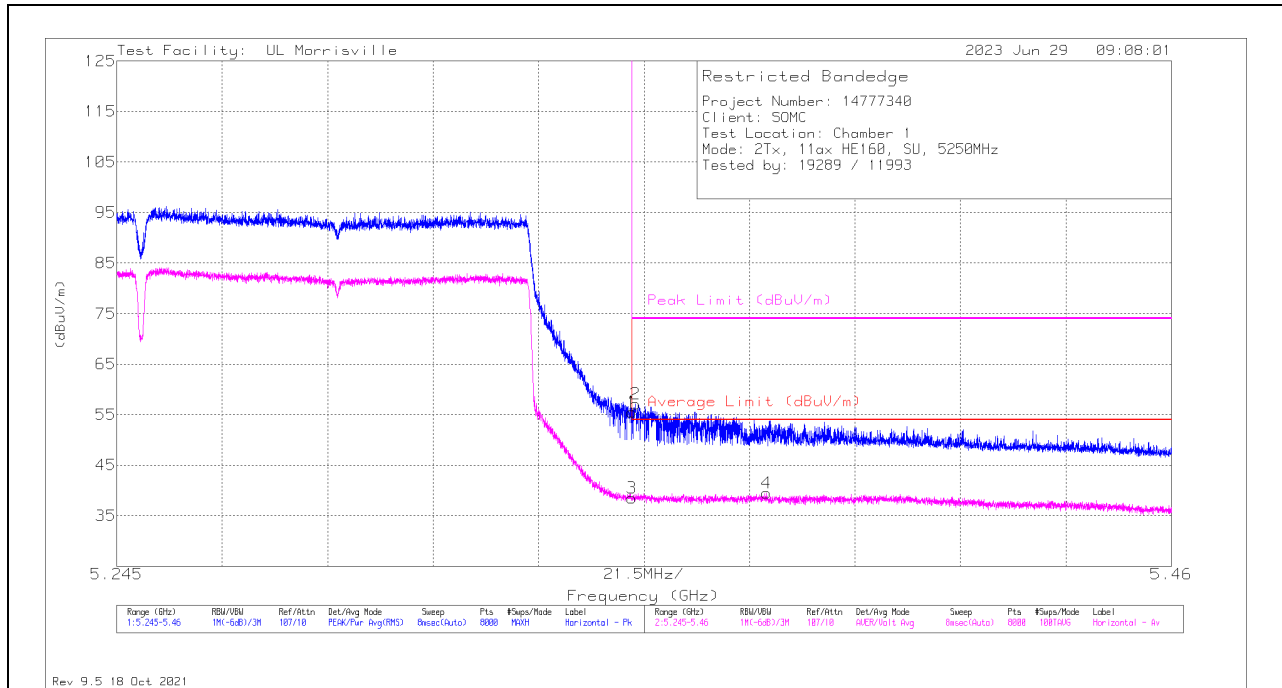


Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	206211 (dB/m)	Gain/Loss (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	*** 5.14999	33.62	Pk	34.3	-20.7	47.22	-	-	74	-26.78	257	104	V
2	*** 5.14817	43.94	Pk	34.3	-20.9	57.34	-	-	74	-16.66	257	104	V
3	*** 5.14999	23.3	ADV	34.3	-20.7	36.9	54	-17.1	-	-	257	104	V
4	*** 5.11052	25	ADV	34.2	-20.5	38.7	54	-15.3	-	-	257	104	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)**

**HORIZONTAL RESULT**

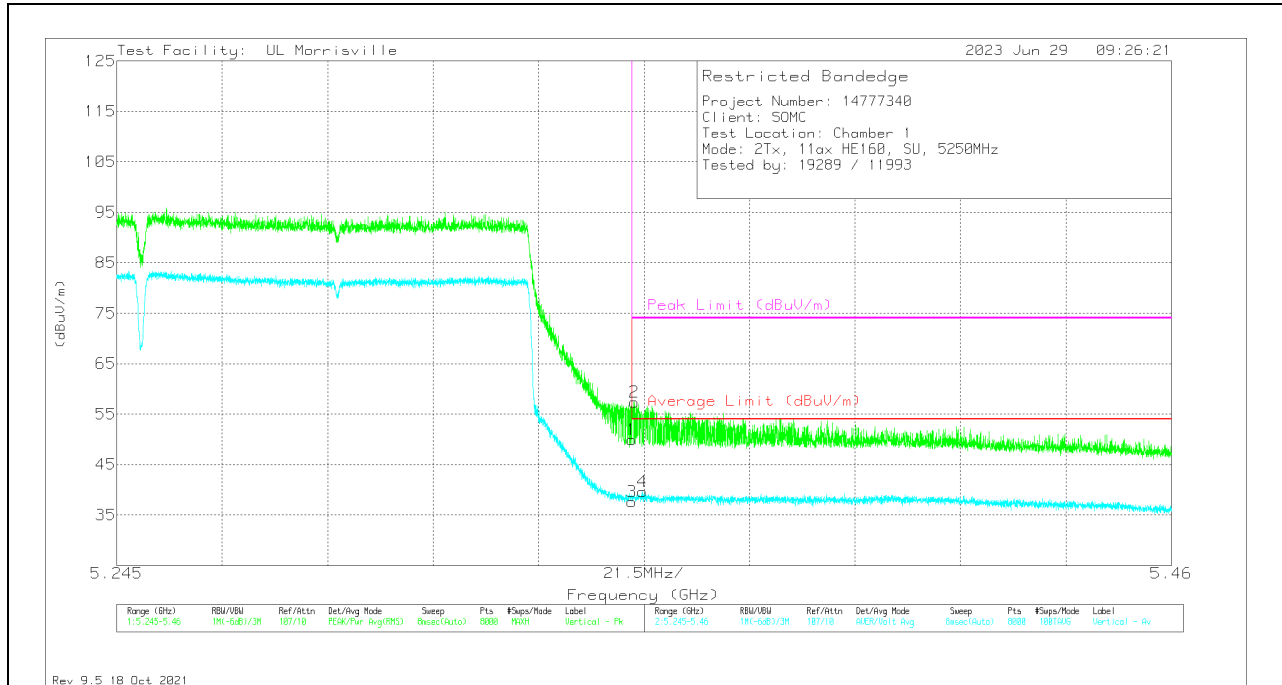


Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	206211 (dB/m)	Gain/Loss (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	*** 5.35001	41.84	Pk	34.5	-20.8	55.54	-	-	74	-18.46	262	106	H
2	*** 5.35082	43.33	Pk	34.5	-20.7	57.13	-	-	74	-16.87	262	106	H
3	*** 5.35001	24.79	ADV	34.5	-20.8	38.49	54	-15.51	-	-	262	105	H
4	*** 5.37745	25.67	ADV	34.5	-20.7	39.47	54	-14.53	-	-	262	105	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)	Gain/Loss (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* ** 5.35001	36.25	Pk	34.5	-20.8	49.95	-	-	74	-24.05	250	113	V
2	* ** 5.35047	43.62	Pk	34.5	-20.7	57.42	-	-	74	-16.58	250	113	V
3	* ** 5.35001	23.98	ADV	34.5	-20.8	37.68	54	-16.32	-	-	250	113	V
4	* ** 5.35219	25.69	ADV	34.5	-20.6	39.59	54	-14.41	-	-	250	113	V

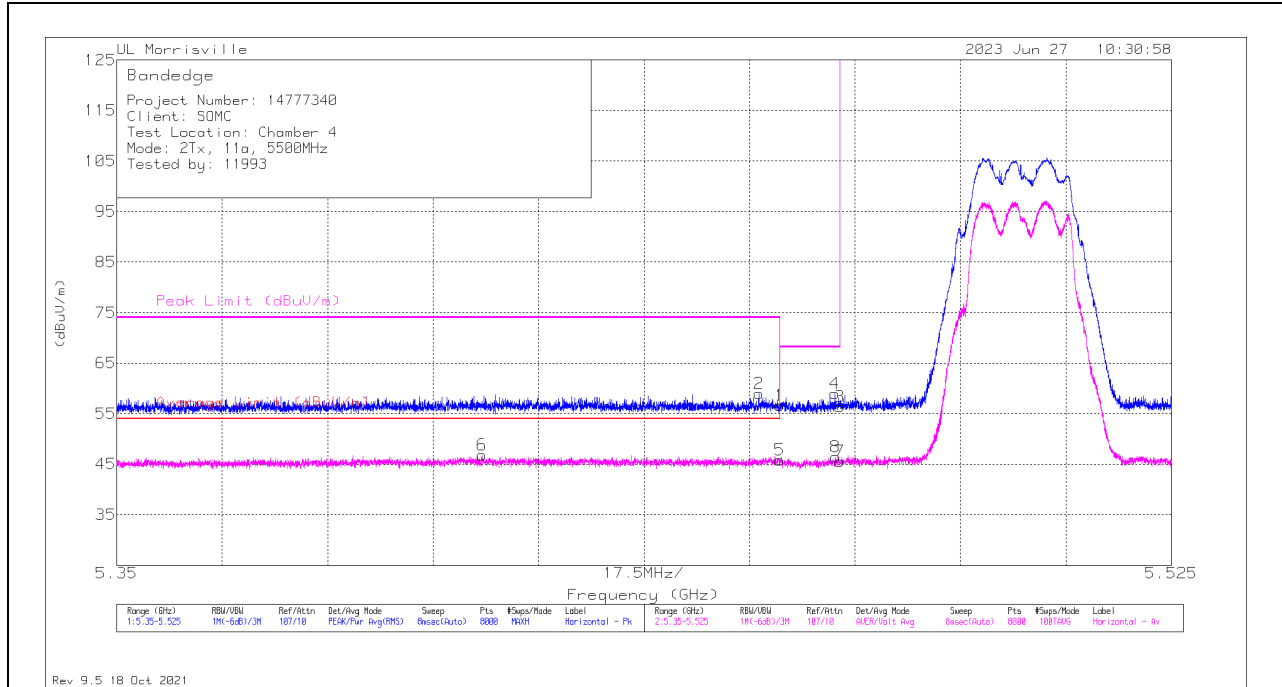
\* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band  
 \*\* - indicates frequency in Taiwan NCC LP0002 Restricted Band  
 Pk - Peak detector  
 ADV - Linear Voltage Average

### 10.1.17. TX ABOVE 1 GHz 802.11a MODE IN THE 5.6 GHz BAND

#### 2TX CDD MODE

#### BANDEDGE (LOW CHANNEL)

#### HORIZONTAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	89509 ACF (dB/m)	Gain/Loss (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	*** 5.45998	30.9	Pk	34.6	-8.9	56.6	-	-	74	-17.4	317	118	H
2	*** 5.45655	33.29	Pk	34.6	-8.9	58.99	-	-	74	-15.01	317	118	H
5	*** 5.45998	20.07	ADV	34.6	-8.9	45.77	54	-8.23	-	-	317	118	H
6	*** 5.41065	21.07	ADV	34.6	-8.9	46.77	54	-7.23	-	-	317	118	H
4	5.46915	33.24	Pk	34.6	-8.9	58.94	-	-	68.2	-9.26	317	118	H
8	5.46924	20.78	ADV	34.6	-8.9	46.48	-	-	-	-	317	118	H
3	5.46998	30.6	Pk	34.6	-8.8	56.4	-	-	68.2	-11.8	317	118	H
7	5.46998	19.77	ADV	34.6	-8.8	45.57	-	-	-	-	317	118	H

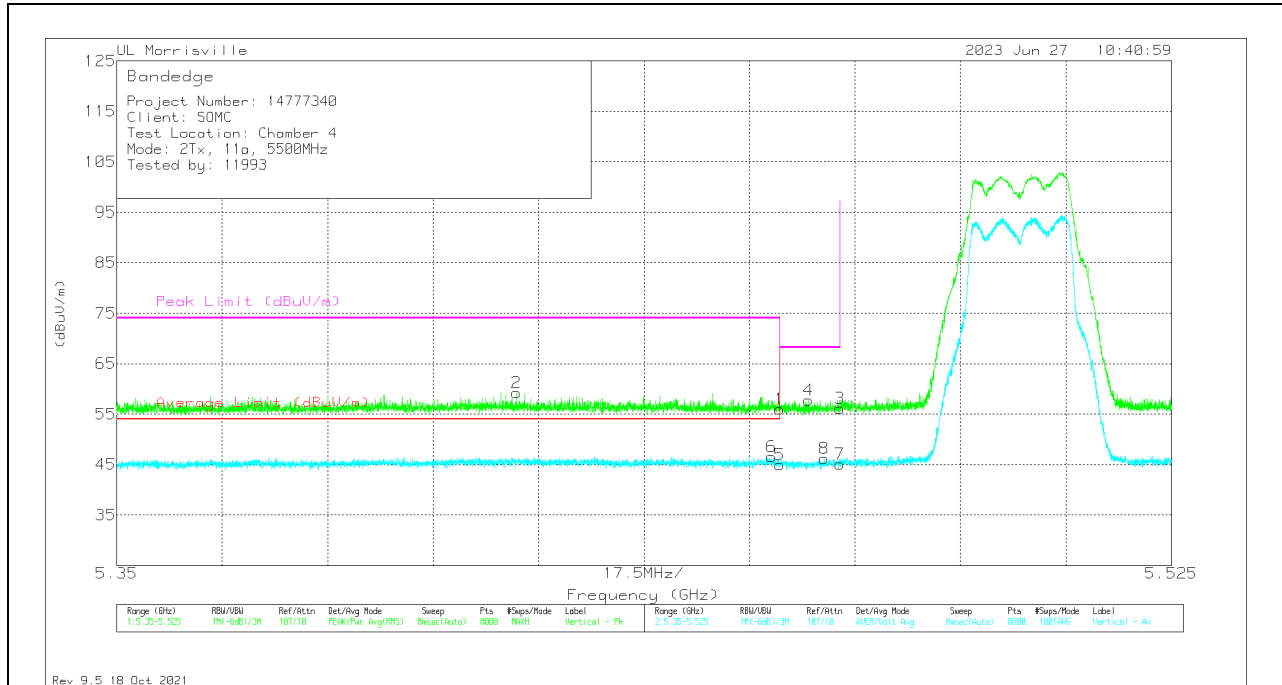
\* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

\*\* - indicates frequency in Taiwan NCC LP0002 Restricted Band

Pk - Peak detector

ADV - Linear Voltage Average

**VERTICAL RESULT**

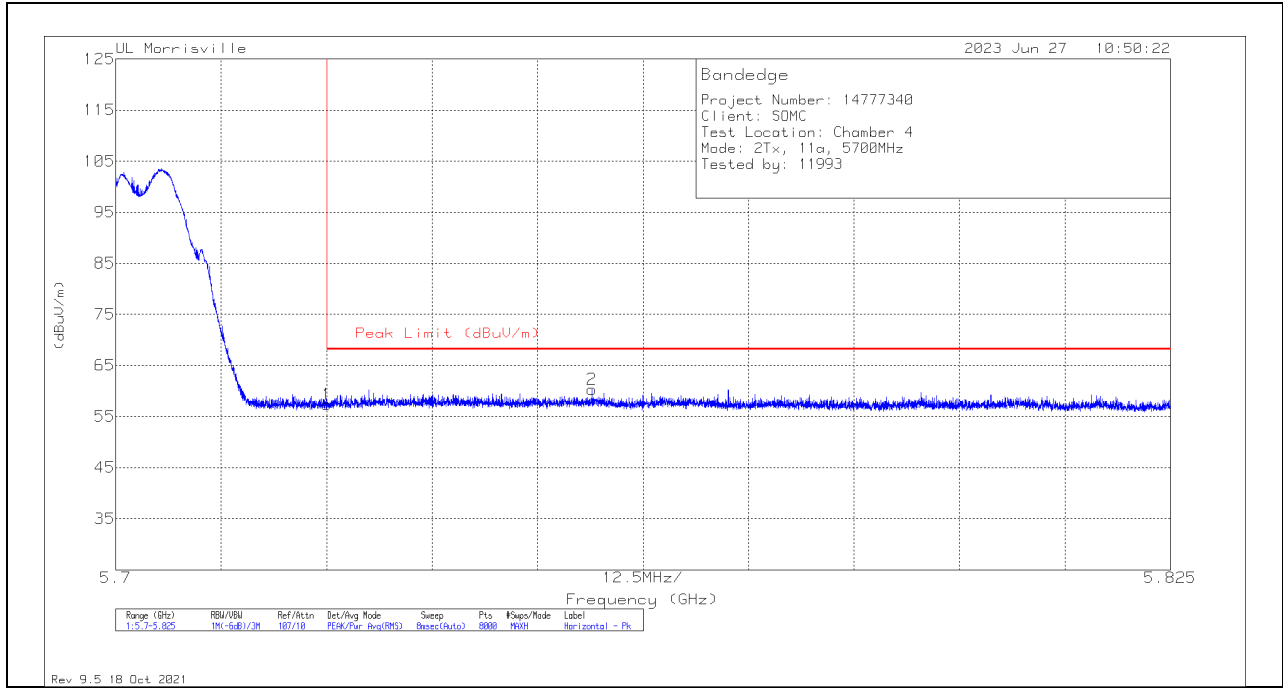


Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	89509 ACF (dB/m)	Gain/Loss (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	*** 5.45998	30.25	Pk	34.6	-8.9	55.95	-	-	74	-18.05	306	122	V
2	*** 5.41631	33.39	Pk	34.6	-8.8	59.19	-	-	74	-14.81	306	122	V
5	*** 5.45998	19.21	ADV	34.6	-8.9	44.91	54	-9.09	-	-	306	122	V
6	*** 5.45862	20.66	ADV	34.6	-8.7	46.56	54	-7.44	-	-	306	122	V
4	5.46477	32.39	Pk	34.6	-9.2	57.79	-	-	68.2	-10.41	306	122	V
8	5.4674	20.7	ADV	34.6	-9.1	46.2	-	-	-	-	306	122	V
3	5.46998	30.27	Pk	34.6	-8.8	56.07	-	-	68.2	-12.13	306	122	V
7	5.46998	19.27	ADV	34.6	-8.8	45.07	-	-	-	-	306	122	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)**

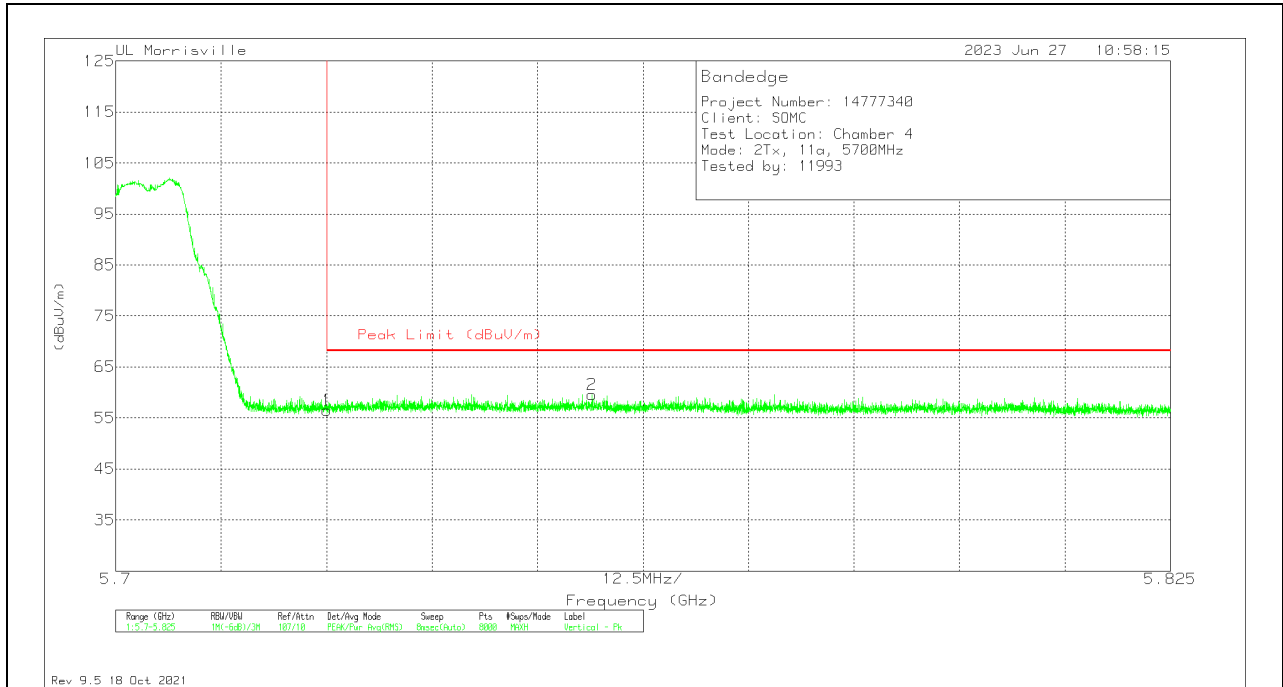
**HORIZONTAL RESULT**



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	89509 ACF (dB/m)	Gain/Loss (dB)	Corrected Reading (dBuV/m)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.725	31.34	Pk	34.7	-8.7	57.34	68.2	-10.86	321	113	H
2	5.75643	33.77	Pk	34.7	-8.2	60.27	68.2	-7.93	321	113	H

Pk - Peak detector

**VERTICAL RESULT**



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	89509 ACF (dB/m)	Gain/Loss (dB)	Corrected Reading (dBuV/m)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.725	30.51	Pk	34.7	-8.7	56.51	68.2	-11.69	308	119	V
2	5.75646	33.13	Pk	34.7	-8.2	59.63	68.2	-8.57	308	119	V

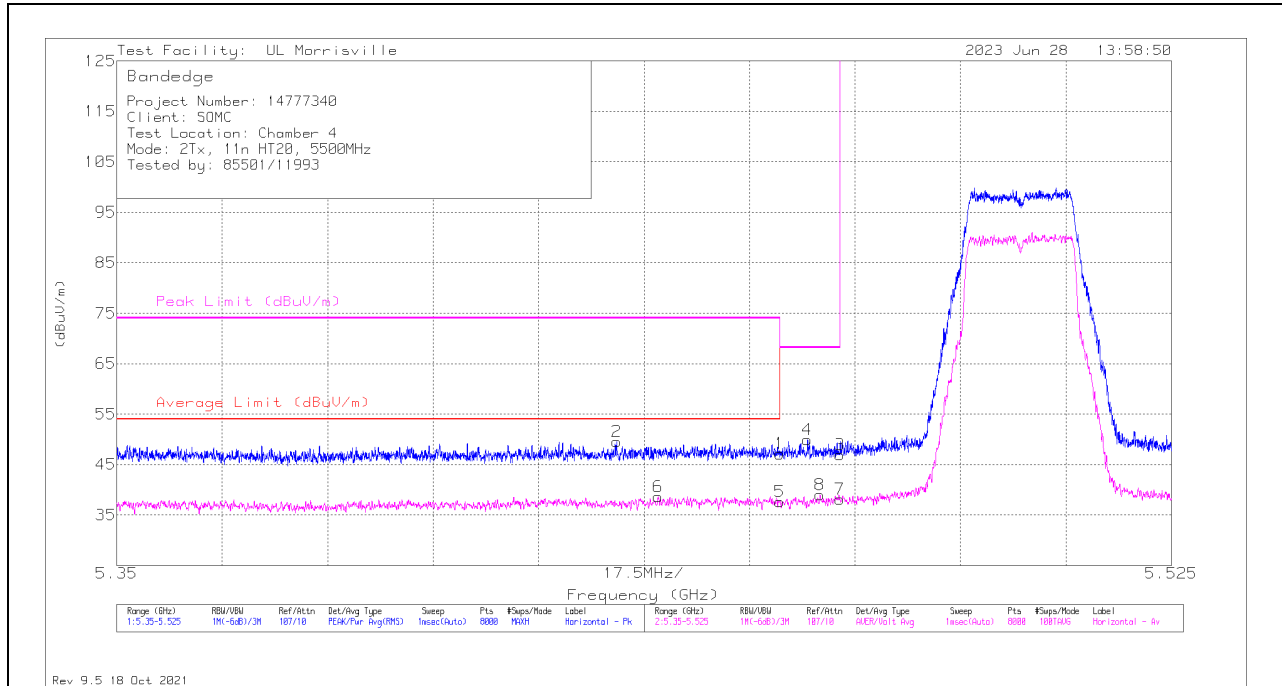
Pk - Peak detector

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

**2TX CDD MODE**

**BANDEDGE (LOW CHANNEL)**

**HORIZONTAL RESULT**



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	88761 (dB/m)	Gain/Loss (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* ** 5.45998	35.93	Pk	34.5	-23.3	47.13	-	-	74	-26.87	326	159	H
2	* ** 5.43294	38.3	Pk	34.5	-23.2	49.6	-	-	74	-24.4	326	159	H
5	* ** 5.45998	26.45	ADV	34.5	-23.3	37.65	54	-16.35	-	-	326	159	H
6	* ** 5.43981	27.18	ADV	34.5	-23.1	38.58	54	-15.42	-	-	326	159	H
4	5.46462	38.79	Pk	34.5	-23.4	49.89	-	-	68.2	-18.31	326	159	H
8	5.4667	27.76	ADV	34.5	-23.3	38.96	-	-	-	-	326	159	H
3	5.46998	35.63	Pk	34.5	-23.2	46.93	-	-	68.2	-21.27	326	159	H
7	5.46998	26.78	ADV	34.5	-23.2	38.08	-	-	-	-	326	159	H

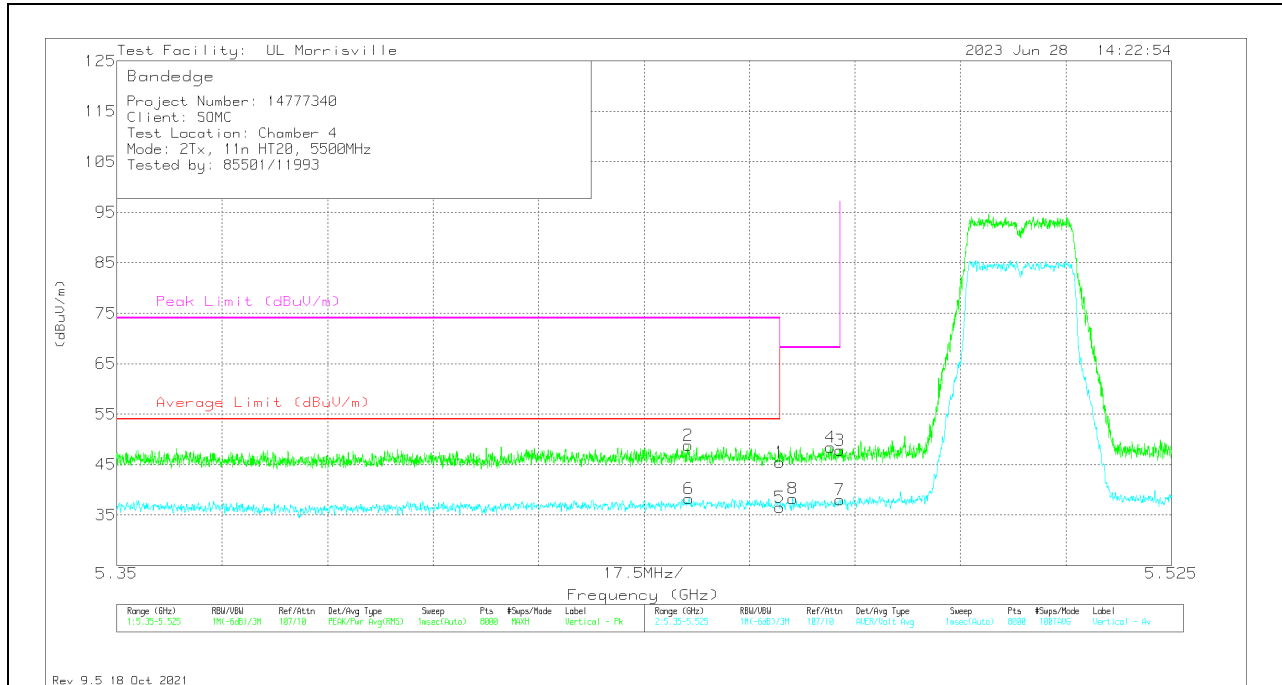
\* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

\*\* - indicates frequency in Taiwan NCC LP0002 Restricted Band

Pk - Peak detector

ADV - Linear Voltage Average

**VERTICAL RESULT**

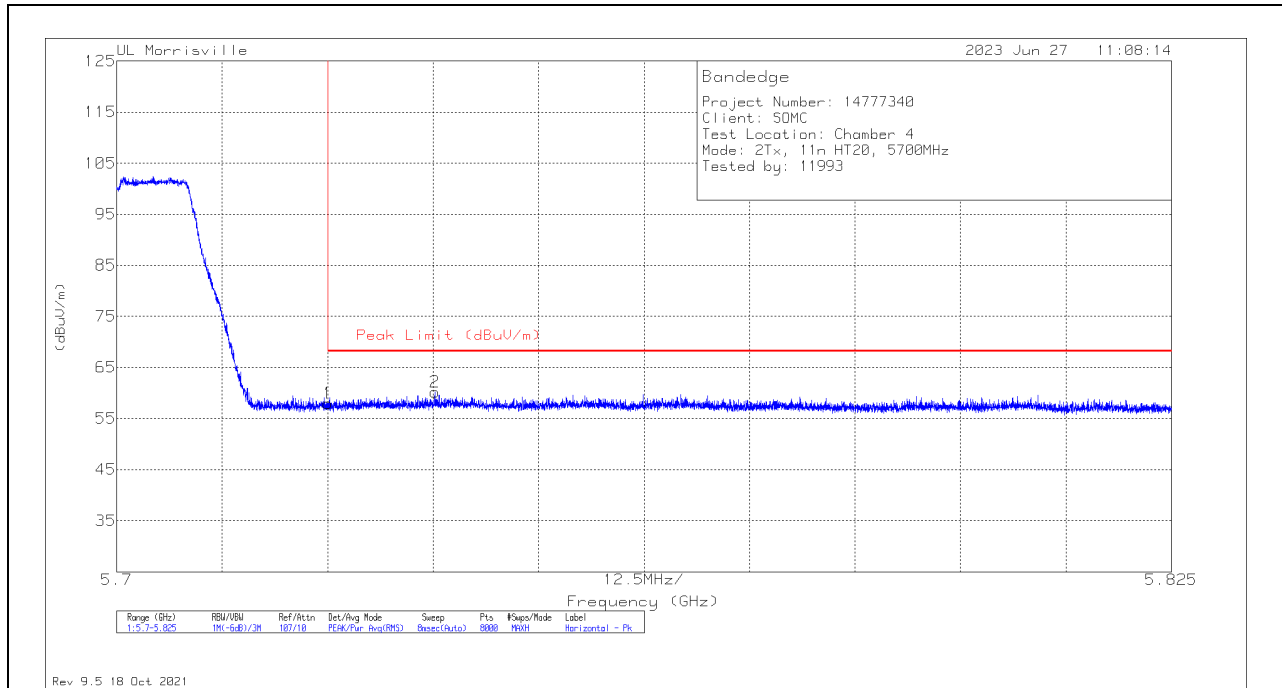


Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	88761 (dB/m)	Gain/Loss (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	*** 5.45998	34.26	Pk	34.5	-23.3	45.46	-	-	74	-28.54	262	139	V
2	*** 5.44482	37.4	Pk	34.5	-23.1	48.8	-	-	74	-25.2	262	139	V
5	*** 5.45998	25.26	ADV	34.5	-23.3	36.46	54	-17.54	-	-	262	139	V
6	*** 5.44493	26.88	ADV	34.5	-23.1	38.28	54	-15.72	-	-	262	139	V
8	5.46215	27.1	ADV	34.5	-23.3	38.3	-	-	-	-	262	139	V
4	5.46847	37.26	Pk	34.5	-23.3	48.46	-	-	68.2	-19.74	262	139	V
3	5.46998	36.52	Pk	34.5	-23.2	47.82	-	-	68.2	-20.38	262	139	V
7	5.46998	26.66	ADV	34.5	-23.2	37.96	-	-	-	-	262	139	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)**

**HORIZONTAL RESULT**

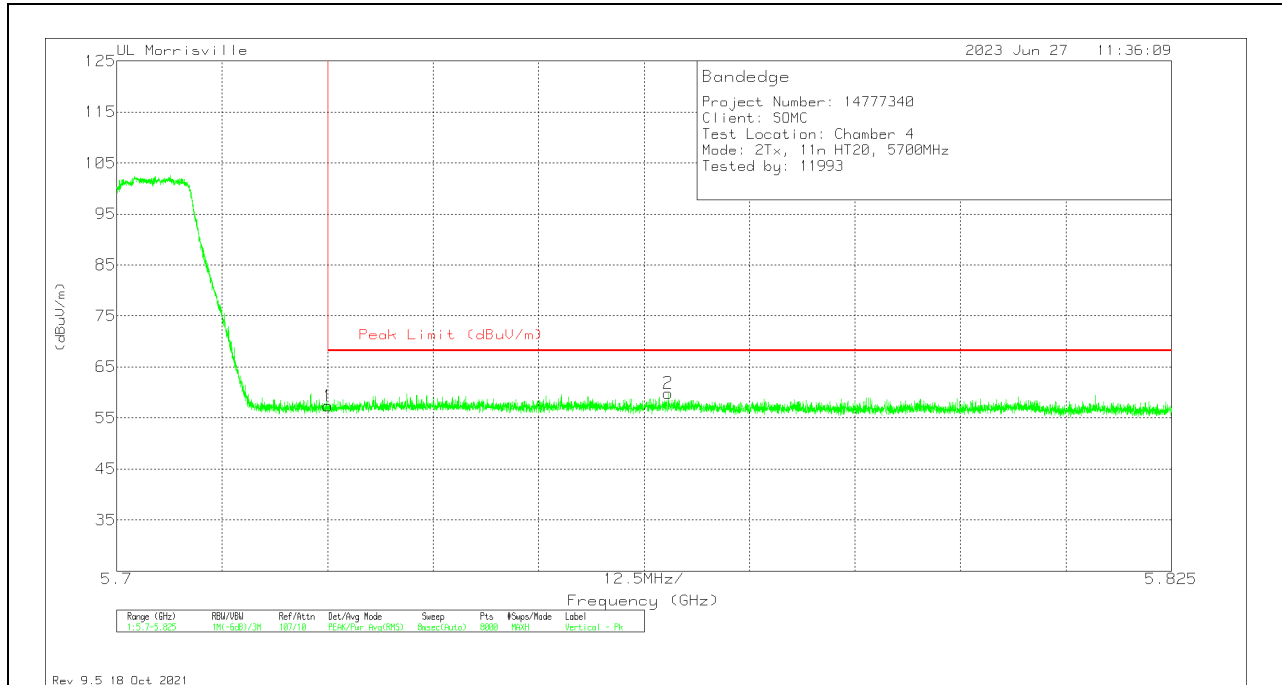


Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	89509 ACF (dB/m)	Gain/Loss (dB)	Corrected Reading (dBuV/m)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.725	31.94	Pk	34.7	-8.7	57.94	68.2	-10.26	329	110	H
2	5.73769	33.8	Pk	34.7	-8.3	60.2	68.2	-8	329	110	H

Pk - Peak detector



**VERTICAL RESULT**

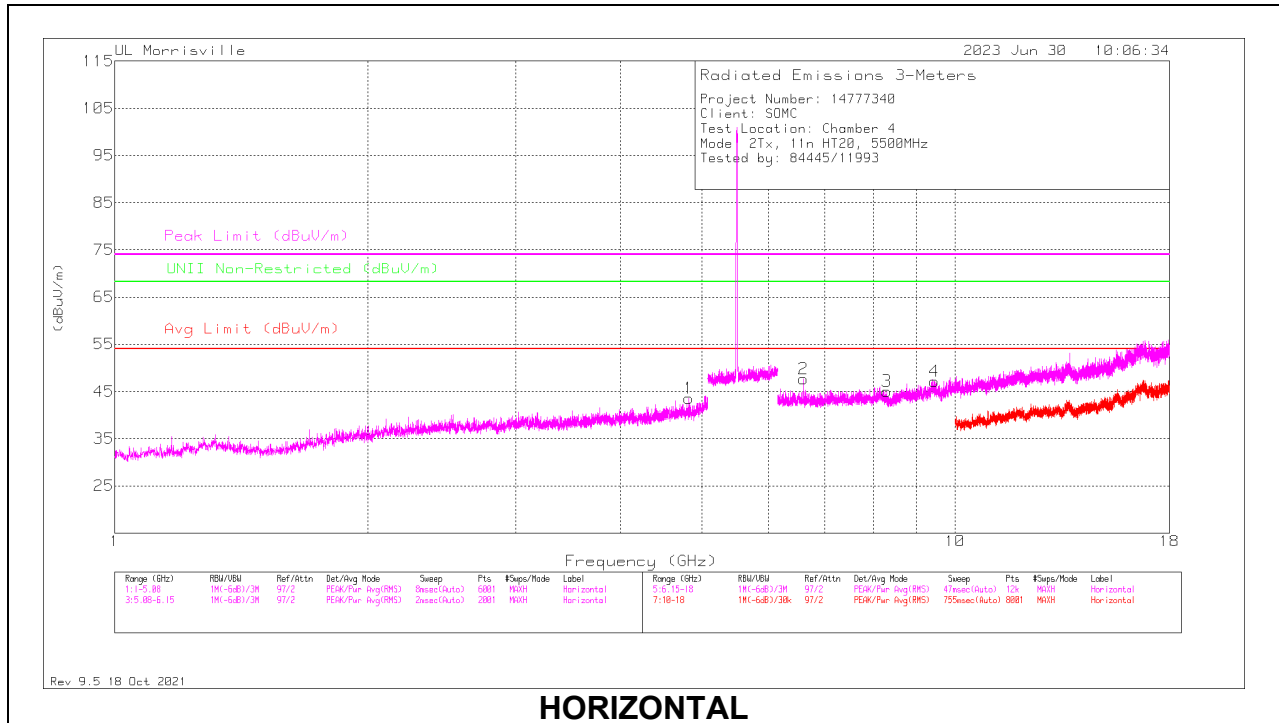


Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	89509 ACF (dB/m)	Gain/Loss (dB)	Corrected Reading (dBuV/m)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.725	31.39	Pk	34.7	-8.7	57.39	68.2	-10.81	317	121	V
2	5.76538	33.28	Pk	34.7	-8.1	59.88	68.2	-8.32	317	121	V

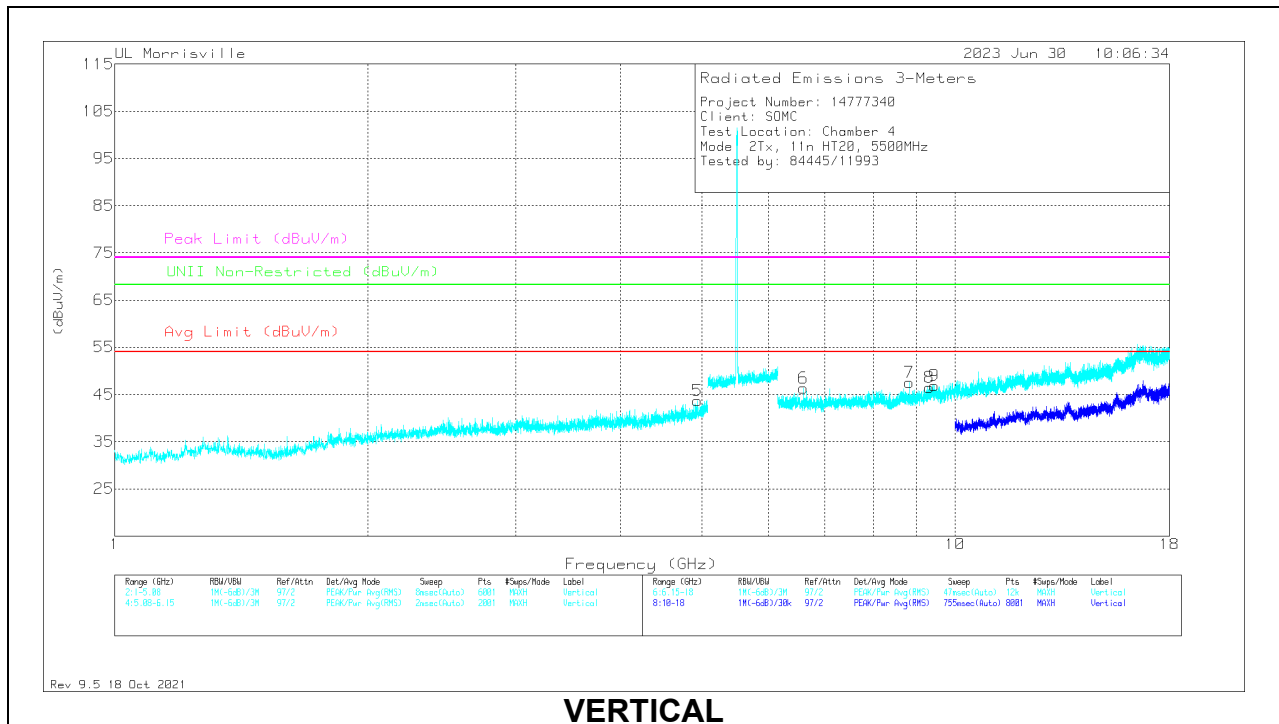
Pk - Peak detector

**HARMONICS AND SPURIOUS EMISSIONS**

**LOW CHANNEL RESULTS**



**HORIZONTAL**



**VERTICAL**

**RADIATED EMISSIONS**

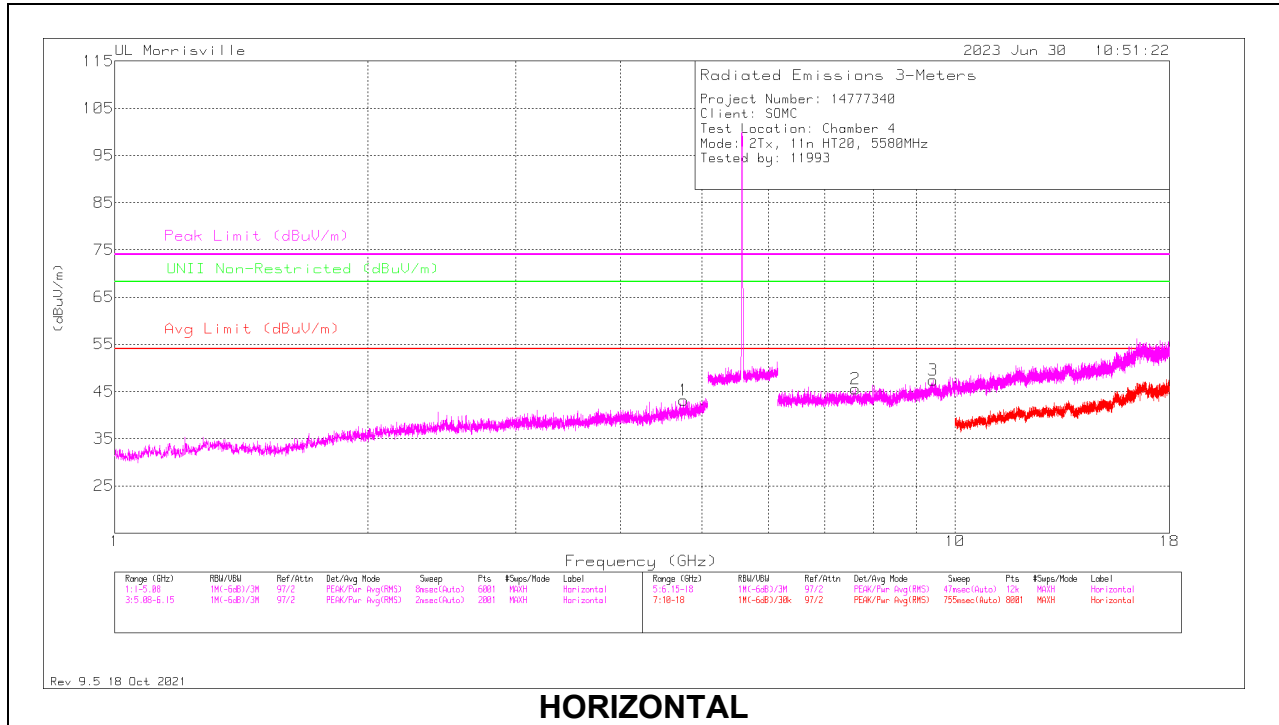
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	89509 ACF (dB/m)	Gain/Loss (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	*** 4.81752	40.07	Pk	34.1	-30.6	43.57	54	-10.43	74	-30.43	-	-	0-360	100	H
5	*** 4.93584	40.43	Pk	33.9	-30.7	43.63	54	-10.37	74	-30.37	-	-	0-360	200	V
3	*** 8.2909	36.27	Pk	35.8	-27	45.07	54	-8.93	74	-28.93	-	-	0-360	100	H
4	*** 9.45121	35.88	Pk	36.7	-25.4	47.18	54	-6.82	74	-26.82	-	-	0-360	100	H
8	*** 9.31691	35.77	Pk	36.4	-25.7	46.47	54	-7.53	74	-27.53	-	-	0-360	200	V
9	*** 9.45121	35.56	Pk	36.7	-25.4	46.86	54	-7.14	74	-27.14	-	-	0-360	200	V
2	6.59931	40.62	Pk	35.5	-28.4	47.72	-	-	-	-	68.2	-20.48	0-360	100	H
6	6.6003	39.19	Pk	35.5	-28.4	46.29	-	-	-	-	68.2	-21.91	0-360	200	V
7	8.82711	36.8	Pk	36.2	-25.5	47.5	-	-	-	-	68.2	-20.7	0-360	200	V

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

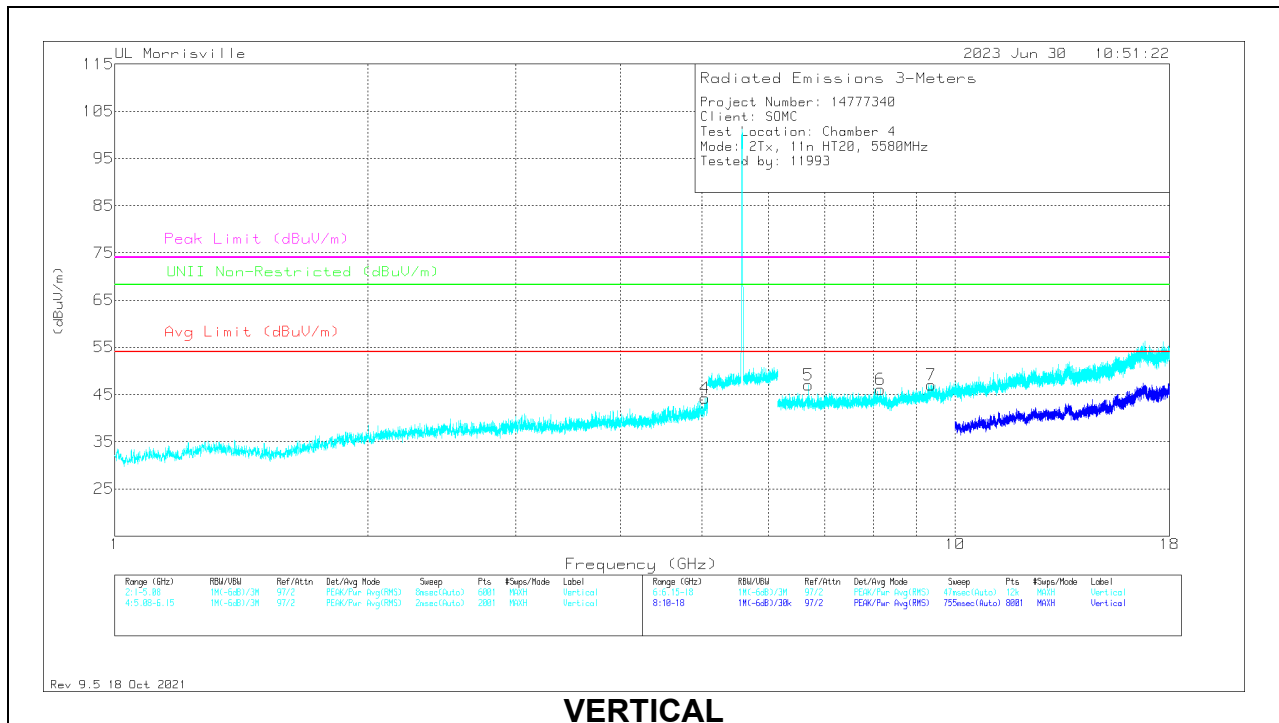
\*\* - indicates frequency in Taiwan NCC LP0002 Restricted Band

Pk - Peak detector

**MID CHANNEL RESULTS**



**HORIZONTAL**



**VERTICAL**

**RADIATED EMISSIONS**

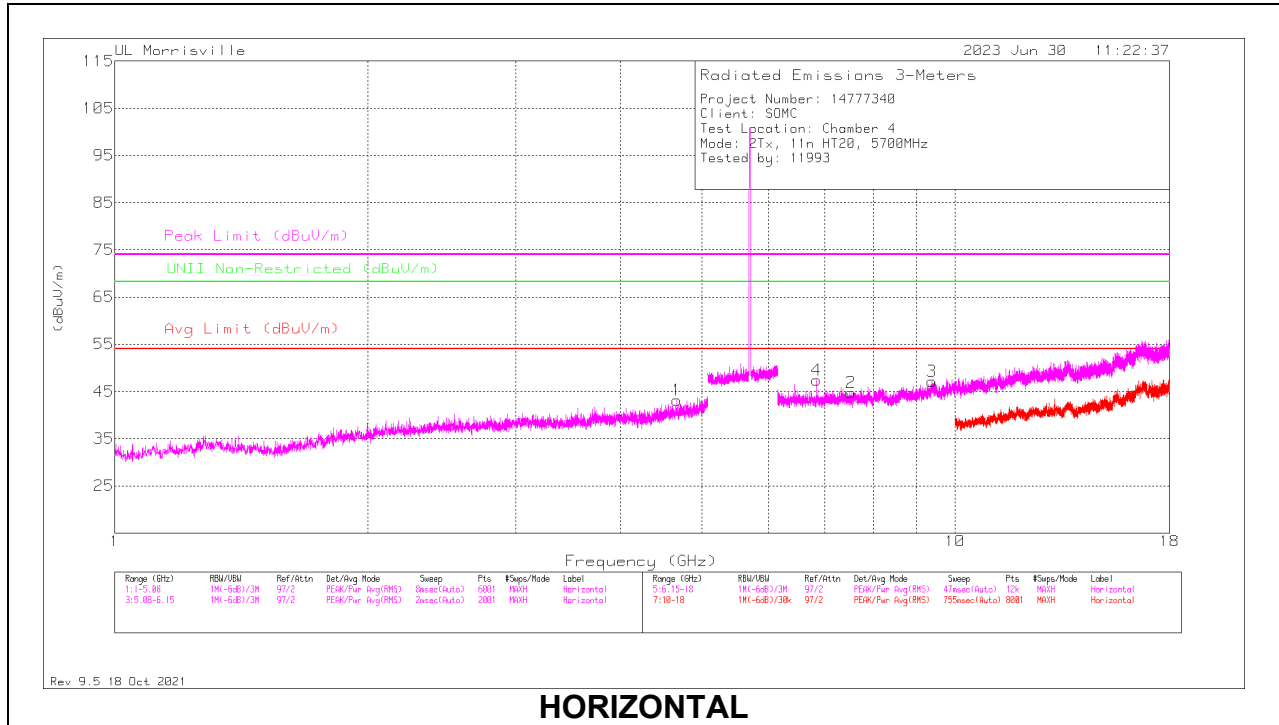
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	89509 ACF (dB/m)	Gain/Loss (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	*** 4.757	40.13	Pk	34	-31	43.13	54	-10.87	74	-30.87	-	-	0-360	100	H
4	** 5.04056	39.66	Pk	34.1	-29.6	44.16	54	-9.84	74	-29.84	-	-	0-360	200	V
2	*** 7.61644	36.84	Pk	35.7	-27	45.54	54	-8.46	74	-28.46	-	-	0-360	100	H
3	*** 9.41961	36.11	Pk	36.6	-25.3	47.41	54	-6.59	74	-26.59	-	-	0-360	100	H
6	*** 8.15858	37.13	Pk	35.8	-26.9	46.03	54	-7.97	74	-27.97	-	-	0-360	200	V
7	*** 9.37419	36.01	Pk	36.5	-25.5	47.01	54	-6.99	74	-26.99	-	-	0-360	200	V
5	6.69609	39.85	Pk	35.4	-28.2	47.05	-	-	-	-	68.2	-21.15	0-360	200	V

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

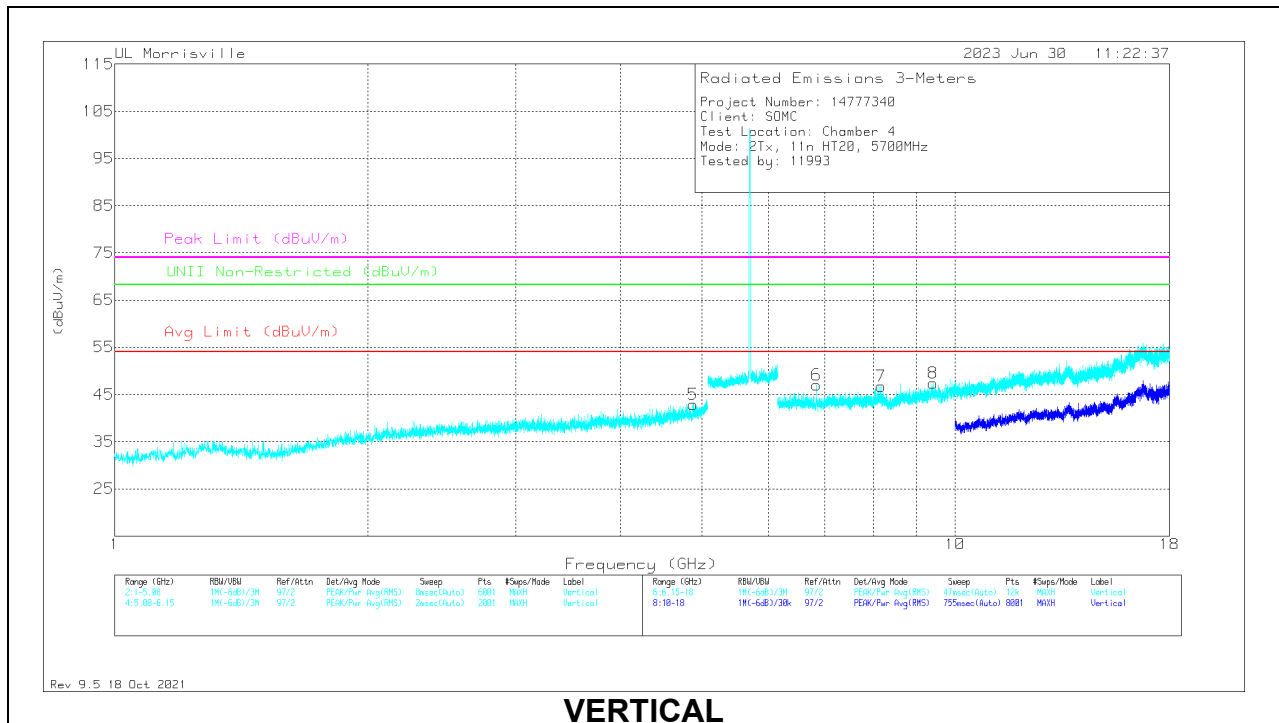
\*\* - indicates frequency in Taiwan NCC LP0002 Restricted Band

Pk - Peak detector

### HIGH CHANNEL RESULTS



**HORIZONTAL**



**VERTICAL**

**RADIATED EMISSIONS**

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	89509 ACF (dB/m)	Gain/Loss (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	*** 4.66996	39.97	Pk	34.1	-30.9	43.17	54	-10.83	74	-30.83	-	-	0-360	100	H
5	*** 4.88076	39.86	Pk	34	-31	42.86	54	-11.14	74	-31.14	-	-	0-360	200	V
2	*** 7.51966	37.28	Pk	35.6	-28.1	44.78	54	-9.22	74	-29.22	-	-	0-360	100	H
3	*** 9.39196	35.98	Pk	36.6	-25.5	47.08	54	-6.92	74	-26.92	-	-	0-360	100	H
7	*** 8.16549	37.79	Pk	35.8	-26.9	46.69	54	-7.31	74	-27.31	-	-	0-360	200	V
8	*** 9.41764	36.01	Pk	36.6	-25.2	47.41	54	-6.59	74	-26.59	-	-	0-360	200	V
4	6.83928	40.01	Pk	35.4	-28	47.41	-	-	-	-	68.2	-20.79	0-360	100	H
6	6.84026	39.48	Pk	35.4	-27.9	46.98	-	-	-	-	68.2	-21.22	0-360	200	V

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

\*\* - indicates frequency in Taiwan NCC LP0002 Restricted Band

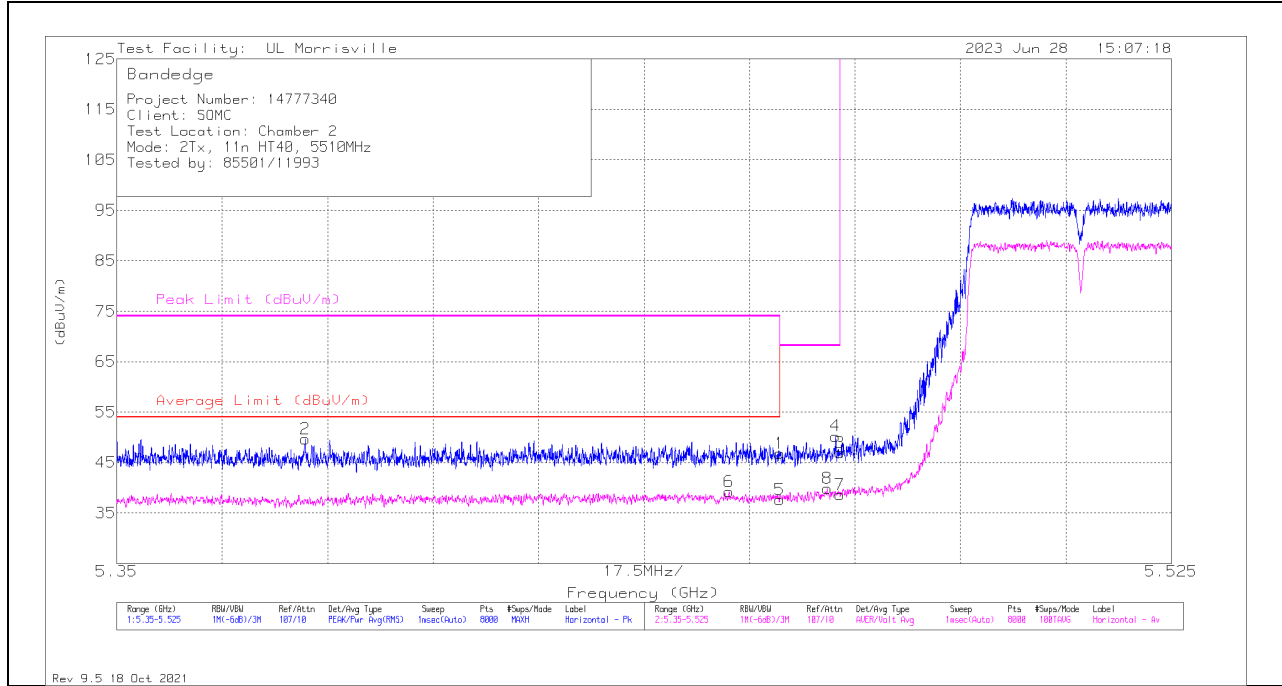
Pk - Peak detector

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

**2TX CDD MODE**

**BANDEDGE (LOW CHANNEL)**

**HORIZONTAL RESULT**



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	88761 (dB/m)	Gain/Loss (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	*** 5.45998	35.57	Pk	34.5	-23.3	46.77	-	-	74	-27.23	323	128	H
2	*** 5.38129	38.44	Pk	34.4	-23.2	49.64	-	-	74	-24.36	323	128	H
5	*** 5.45998	26.39	ADV	34.5	-23.3	37.59	54	-16.41	-	-	323	128	H
6	*** 5.4516	27.96	ADV	34.5	-23.2	39.26	54	-14.74	-	-	323	128	H
8	5.4679	28.67	ADV	34.5	-23.3	39.87	-	-	-	-	323	128	H
4	5.46928	38.93	Pk	34.5	-23.2	50.23	-	-	68.2	-17.97	323	128	H
3	5.46998	35.6	Pk	34.5	-23.2	46.9	-	-	68.2	-21.3	323	128	H
7	5.46998	27.33	ADV	34.5	-23.2	38.63	-	-	-	-	323	128	H

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

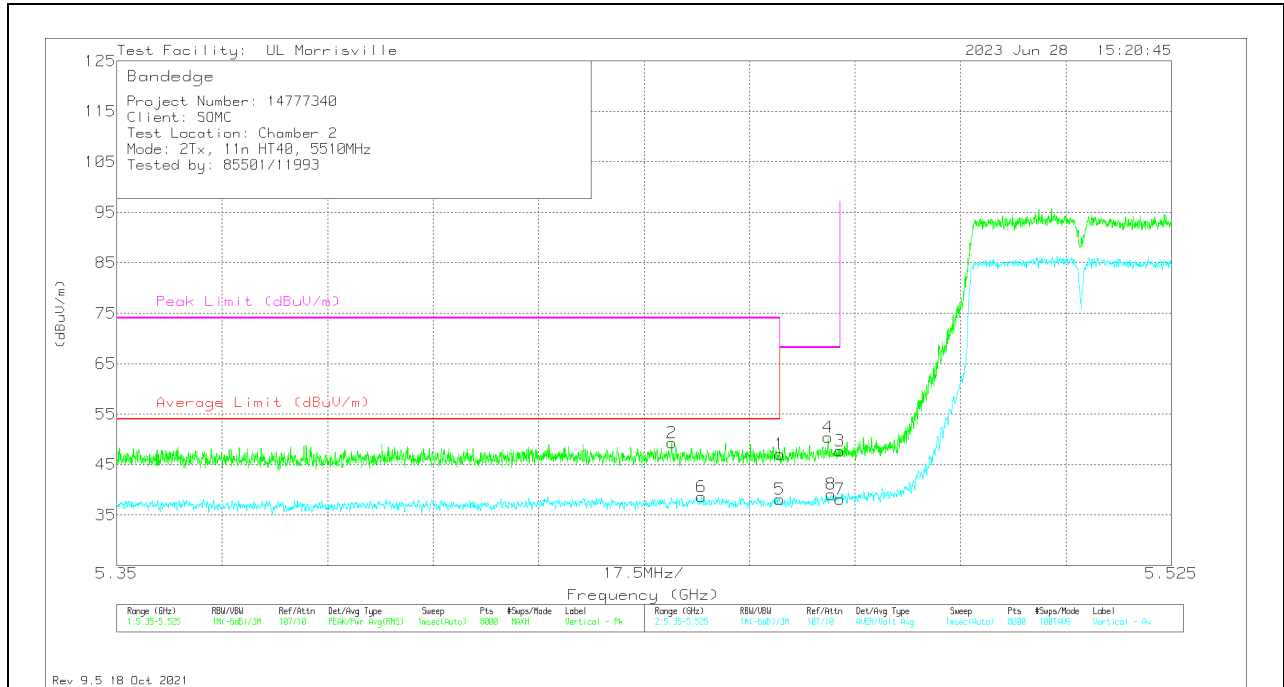
\*\* - indicates frequency in Taiwan NCC LP0002 Restricted Band

Pk - Peak detector

ADV - Linear Voltage Average



**VERTICAL RESULT**

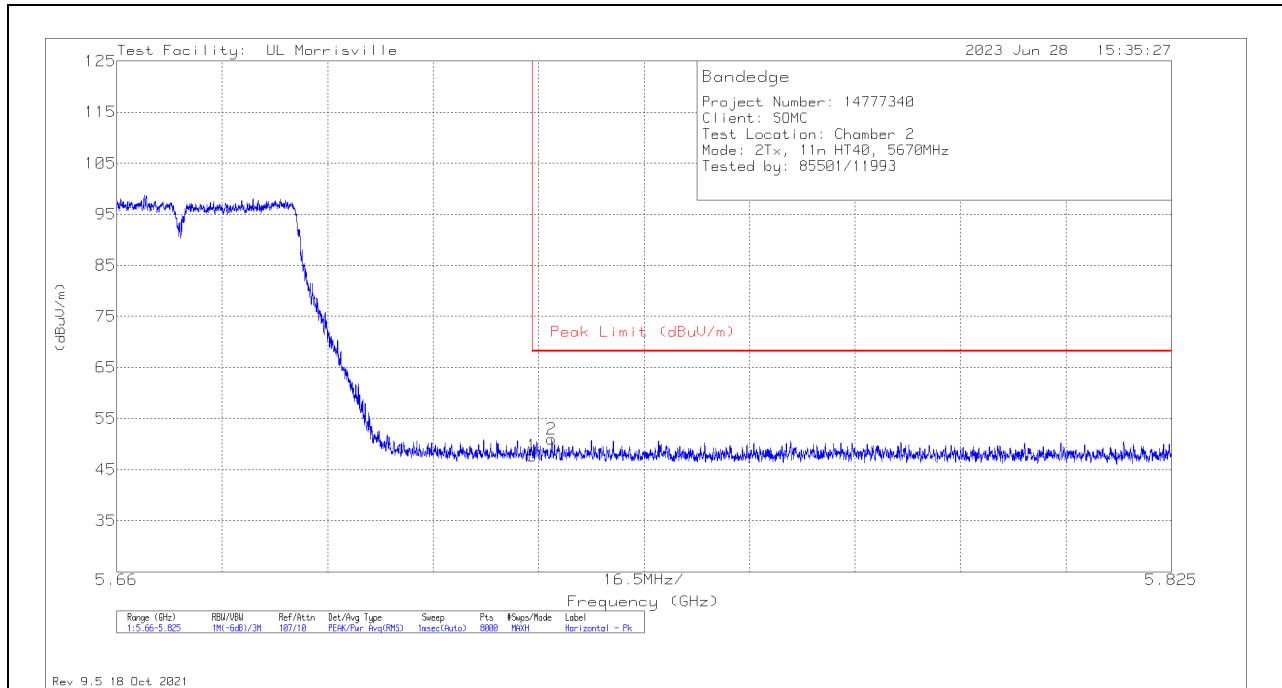


Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	88761 (dB/m)	Gain/Loss (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	*** 5.45998	35.91	Pk	34.5	-23.3	47.11	-	-	74	-26.89	282	101	V
2	*** 5.44211	37.94	Pk	34.5	-23.1	49.34	-	-	74	-24.66	282	101	V
5	*** 5.45998	26.89	ADV	34.5	-23.3	38.09	54	-15.91	-	-	282	101	V
6	*** 5.44705	27.18	ADV	34.5	-23.1	38.58	54	-15.42	-	-	282	101	V
4	5.46803	39.21	Pk	34.5	-23.3	50.41	-	-	68.2	-17.79	282	101	V
8	5.46851	27.86	ADV	34.5	-23.3	39.06	-	-	-	-	282	101	V
3	5.46998	36.39	Pk	34.5	-23.2	47.69	-	-	68.2	-20.51	282	101	V
7	5.46998	26.78	ADV	34.5	-23.2	38.08	-	-	-	-	282	101	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)**

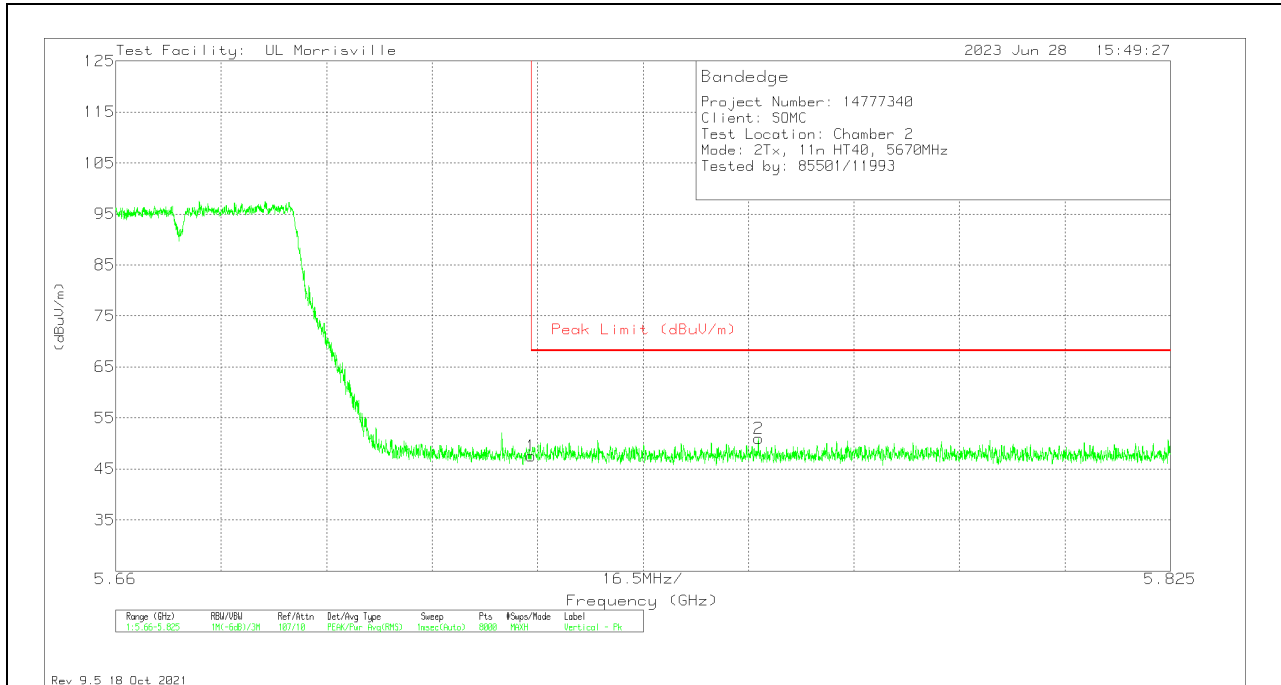
**HORIZONTAL RESULT**



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	88761 (dB/m)	Gain/Loss (dB)	Corrected Reading (dBuV/m)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.72502	36.12	Pk	34.6	-23	47.72	68.2	-20.48	319	153	H
2	5.72805	39.28	Pk	34.6	-22.9	50.98	68.2	-17.22	319	153	H

Pk - Peak detector

**VERTICAL RESULT**



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	88761 (dB/m)	Gain/Loss (dB)	Corrected Reading (dBuV/m)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.72502	35.89	Pk	34.6	-23	47.49	68.2	-20.71	304	106	V
2	5.76056	39.63	Pk	34.6	-23.2	51.03	68.2	-17.17	304	106	V

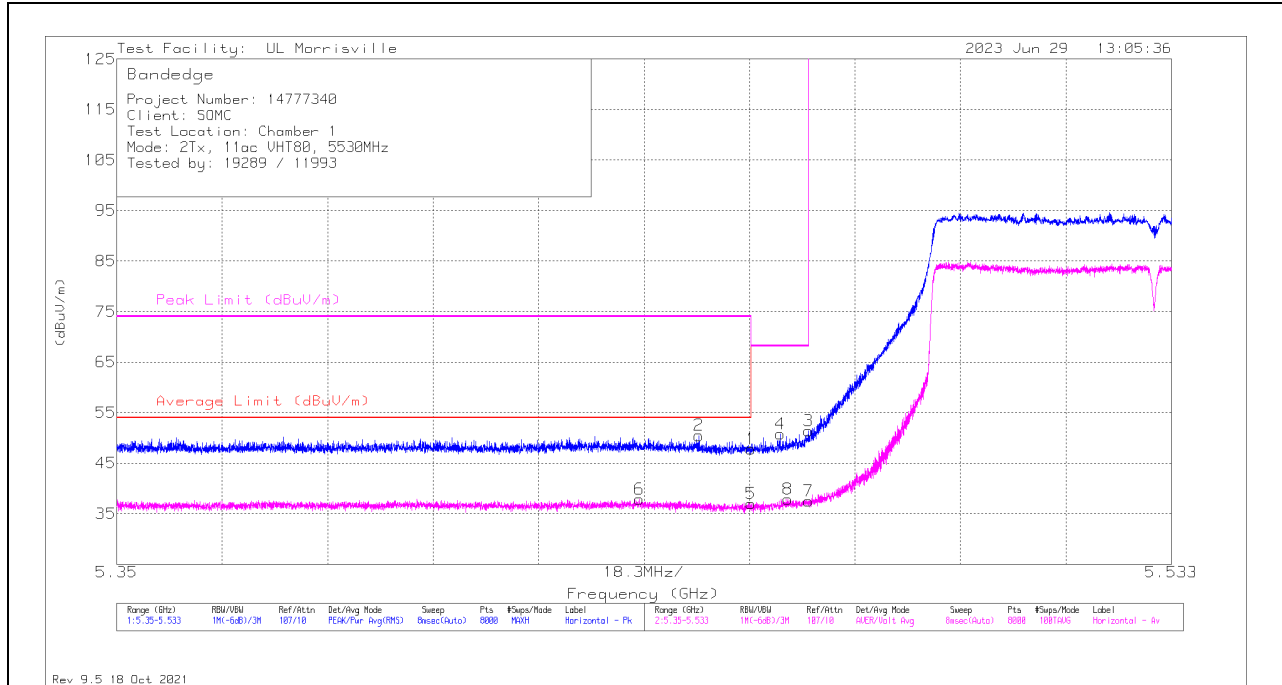
Pk - Peak detector

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

#### 2TX CDD MODE

#### BANDEDGE (LOW CHANNEL)

#### HORIZONTAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	206211 (dB/m)	Gain/Loss (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	*** 5.46	34.7	Pk	34.4	-21.3	47.8	-	-	74	-26.2	259	109	H
2	*** 5.45105	37.08	Pk	34.4	-21	50.48	-	-	74	-23.52	259	109	H
5	*** 5.46	23.92	ADV	34.4	-21.3	37.02	54	-16.98	-	-	259	109	H
6	*** 5.44064	24.28	ADV	34.4	-20.8	37.88	54	-16.12	-	-	259	109	H
4	5.46512	37.49	Pk	34.4	-21.1	50.79	-	-	68.2	-17.41	259	109	H
8	5.46649	24.45	ADV	34.4	-21	37.85	-	-	-	-	259	109	H
3	5.47	38.07	Pk	34.4	-21.1	51.37	-	-	68.2	-16.83	259	109	H
7	5.47	24.24	ADV	34.4	-21.1	37.54	-	-	-	-	259	109	H

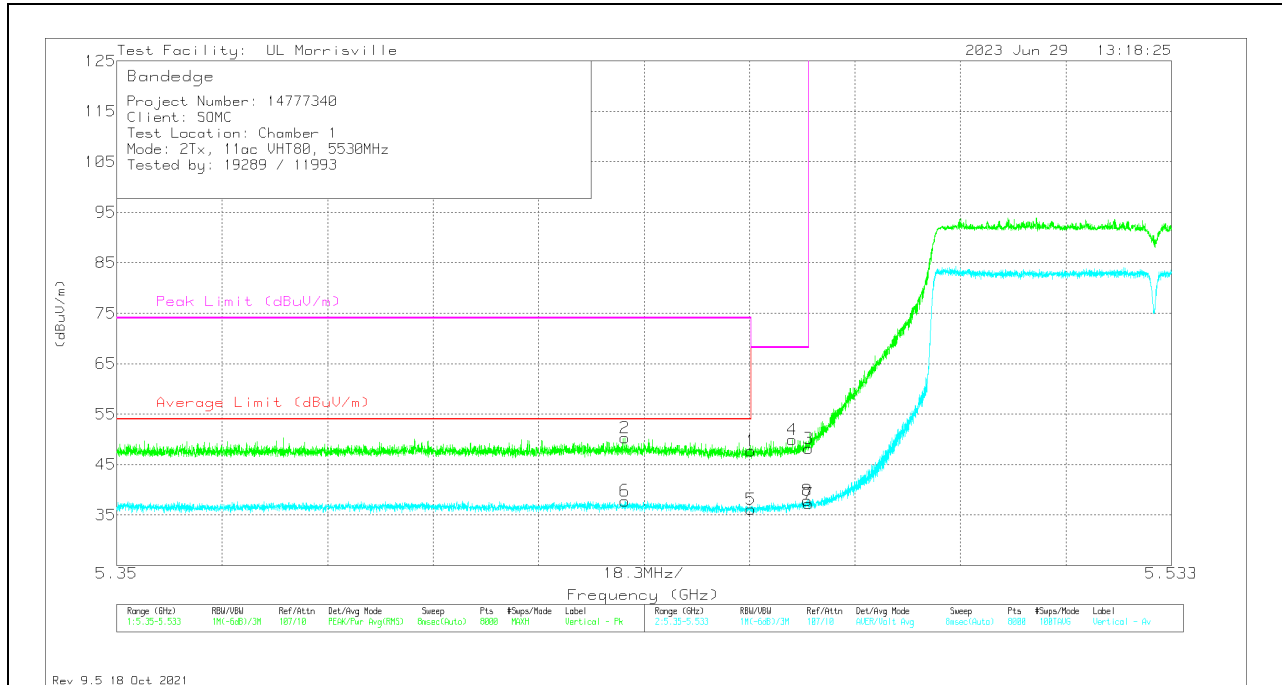
\* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

\*\* - indicates frequency in Taiwan NCC LP0002 Restricted Band

Pk - Peak detector

ADV - Linear Voltage Average

**VERTICAL RESULT**

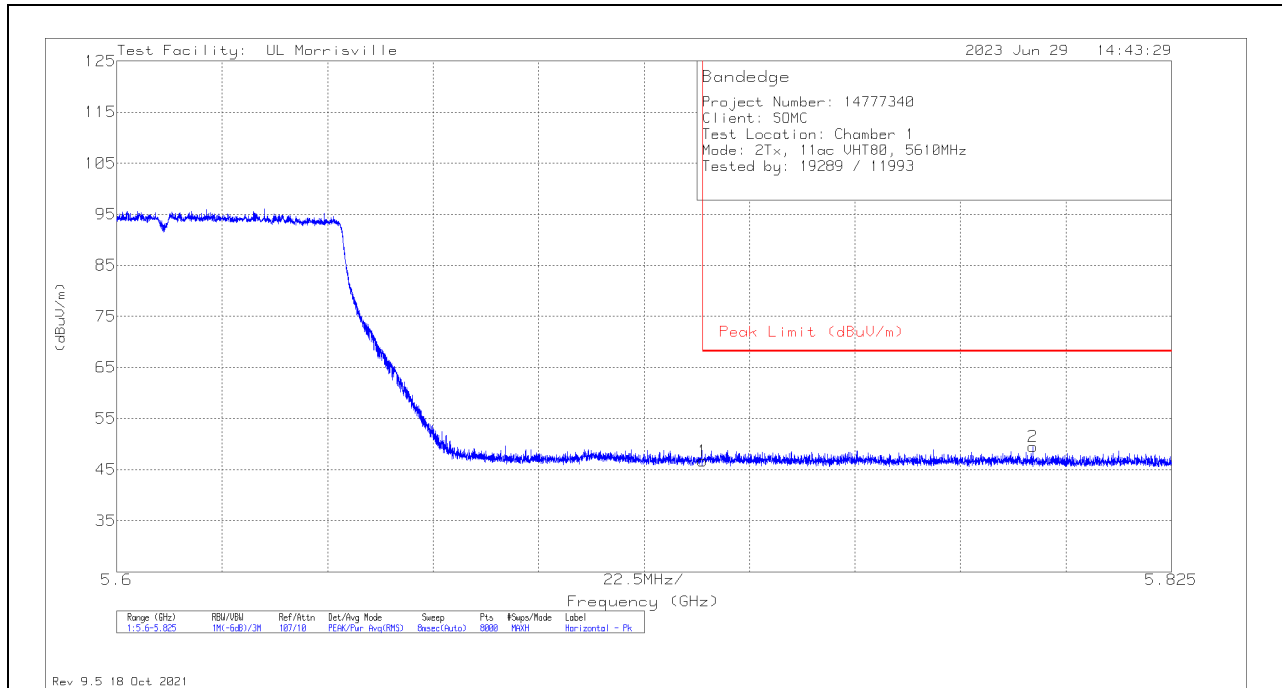


Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	206211 (dB/m)	Gain/Loss (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* ** 5.46	34.55	Pk	34.4	-21.3	47.65	-	-	74	-26.35	236	125	V
2	* ** 5.43819	36.74	Pk	34.4	-20.8	50.34	-	-	74	-23.66	236	125	V
5	* ** 5.46	23.07	ADV	34.4	-21.3	36.17	54	-17.83	-	-	236	125	V
6	* ** 5.43813	24.21	ADV	34.4	-20.8	37.81	54	-16.19	-	-	236	125	V
4	5.46718	36.49	Pk	34.4	-21	49.89	-	-	68.2	-18.31	236	125	V
8	5.46984	24.59	ADV	34.4	-21.1	37.89	-	-	-	-	236	125	V
3	5.47	34.83	Pk	34.4	-21.1	48.13	-	-	68.2	-20.07	236	125	V
7	5.47	23.93	ADV	34.4	-21.1	37.23	-	-	-	-	236	125	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)**

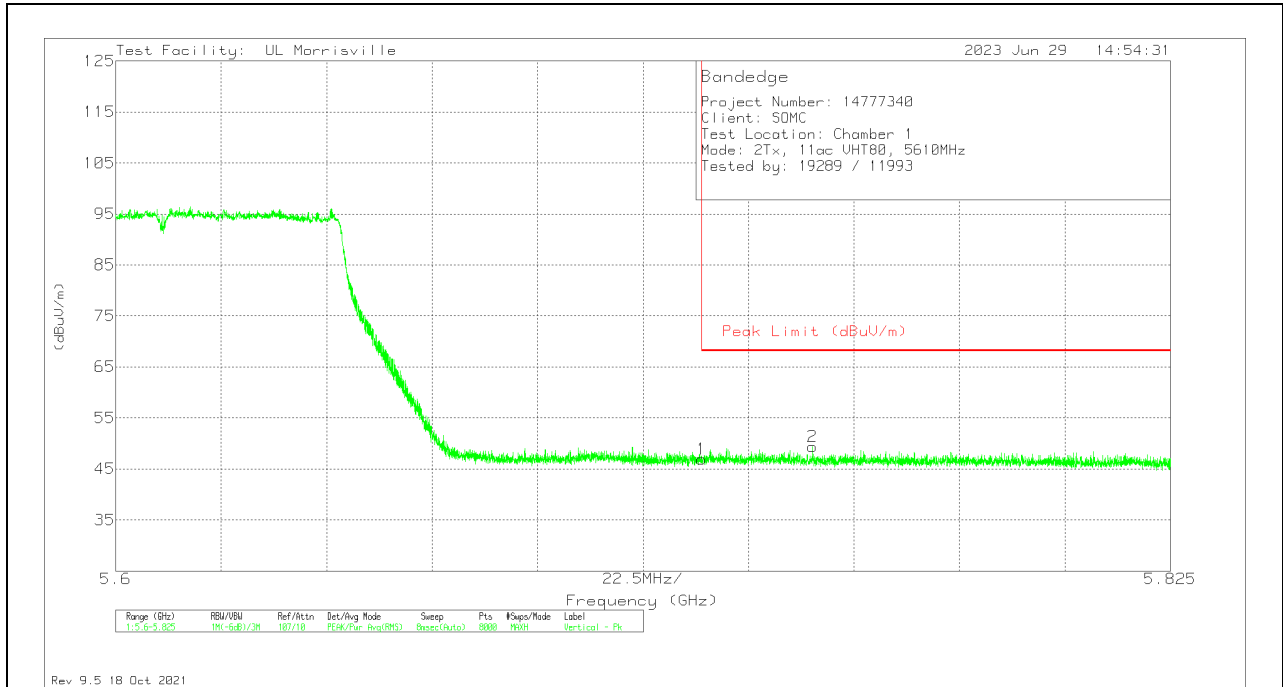
**HORIZONTAL RESULT**



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	206211 (dB/m)	Gain/Loss (dB)	Corrected Reading (dBuV/m)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.72501	33.84	Pk	34.5	-21.7	46.64	68.2	-21.56	261	108	H
2	5.79544	36.42	Pk	34.7	-21.6	49.52	68.2	-18.68	261	108	H

Pk - Peak detector

**VERTICAL RESULT**



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	206211 (dB/m)	Gain/Loss (dB)	Corrected Reading (dBuV/m)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.72501	34.13	Pk	34.5	-21.7	46.93	68.2	-21.27	246	109	V
2	5.74869	36.59	Pk	34.6	-21.8	49.39	68.2	-18.81	246	109	V

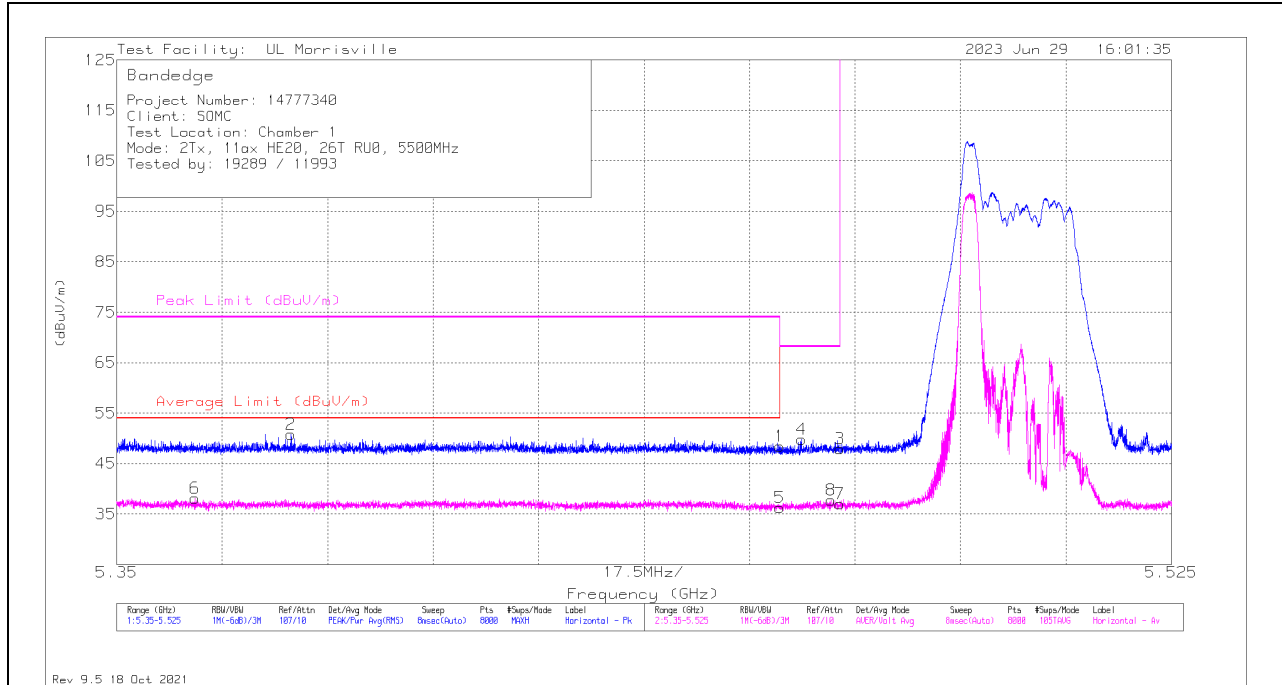
Pk - Peak detector

**10.1.21. TX ABOVE 1 GHz 802.11ax HE20 MODE IN THE 5.6 GHz BAND**

**2TX CDD MODE – 26T**

**BANDEDGE (LOW CHANNEL)**

**HORIZONTAL RESULT**



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	206211 (dB/m)	Gain/Loss (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	*** 5.45998	35.33	Pk	34.4	-21.3	0	48.43	-	-	74	-25.57	265	116	H
2	*** 5.37894	37.02	Pk	34.5	-20.7	0	50.82	-	-	74	-23.18	265	116	H
5	*** 5.45998	22.67	ADV	34.4	-21.3	.49	36.26	54	-17.74	-	-	265	116	H
6	*** 5.36297	23.91	ADV	34.5	-20.8	.49	38.1	54	-15.9	-	-	265	116	H
4	5.46361	36.58	Pk	34.4	-21.2	0	49.78	-	-	68.2	-18.42	265	116	H
8	5.46849	23.81	ADV	34.4	-21	.49	37.7	-	-	-	-	265	116	H
3	5.46998	34.61	Pk	34.4	-21.1	0	47.91	-	-	68.2	-20.29	265	116	H
7	5.46998	23.23	ADV	34.4	-21.1	.49	37.02	-	-	-	-	265	116	H

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

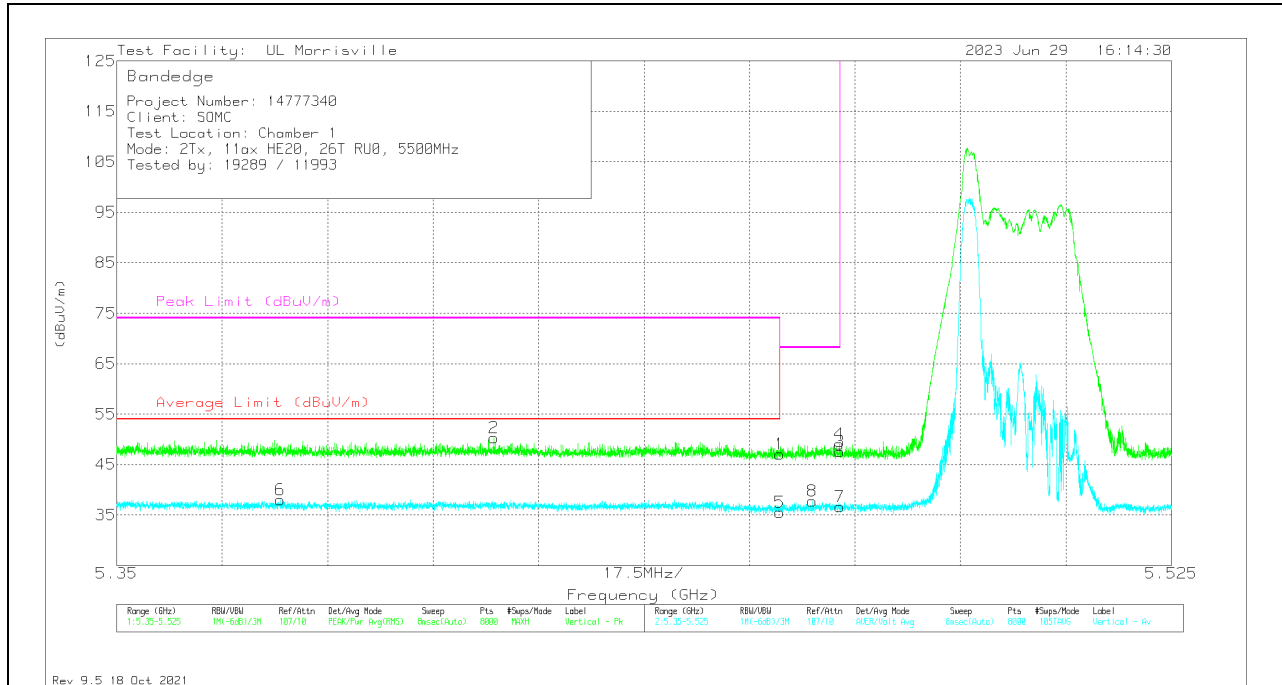
\*\* - indicates frequency in Taiwan NCC LP0002 Restricted Band

Pk - Peak detector

ADV - Linear Voltage Average



**VERTICAL RESULT**

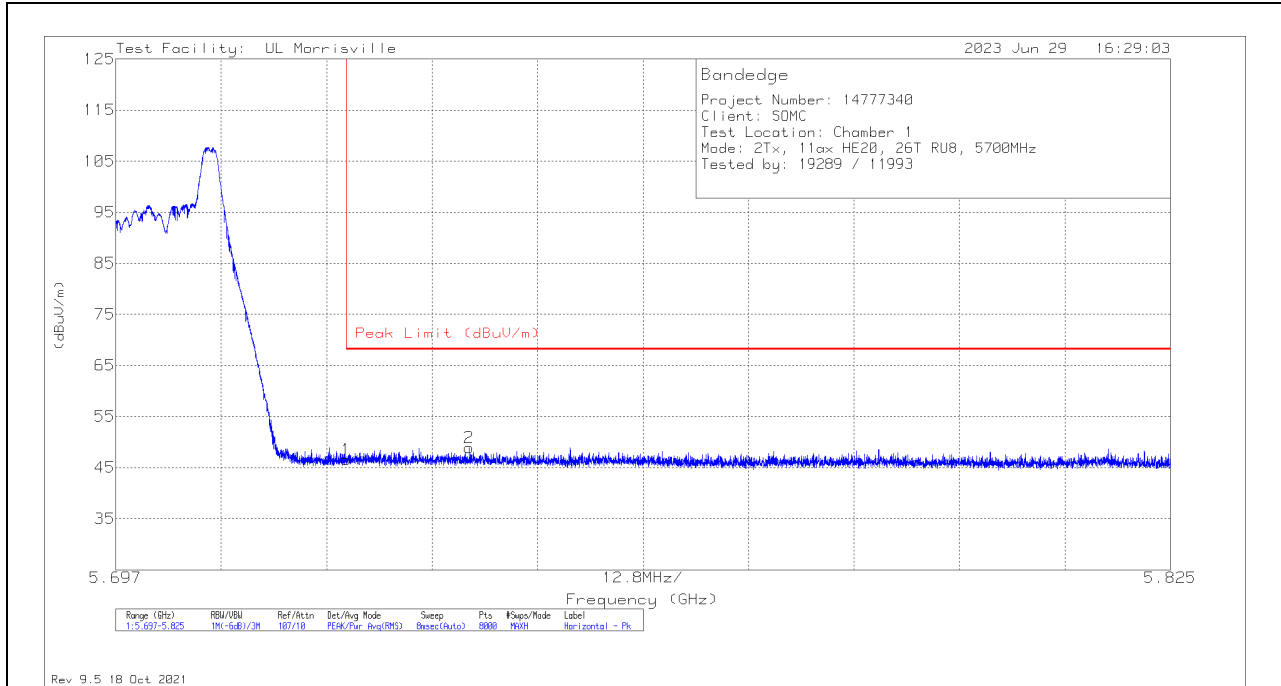


Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	206211 (dB/m)	Gain/Loss (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* ** 5.45998	33.91	Pk	34.4	-21.3	0	47.01	-	-	74	-26.99	228	136	V
2	* ** 5.41261	36.6	Pk	34.5	-20.8	0	50.3	-	-	74	-23.7	228	136	V
5	* ** 5.45998	21.89	ADV	34.4	-21.3	.49	35.48	54	-18.52	-	-	228	136	V
6	* ** 5.37715	23.68	ADV	34.5	-20.7	.49	37.97	54	-16.03	-	-	228	136	V
8	5.46541	23.96	ADV	34.4	-21.1	.49	37.75	-	-	-	-	228	136	V
4	5.46991	35.73	Pk	34.4	-21.1	0	49.03	-	-	68.2	-19.17	228	136	V
3	5.46998	34.23	Pk	34.4	-21.1	0	47.53	-	-	68.2	-20.67	228	136	V
7	5.46998	22.84	ADV	34.4	-21.1	.49	36.63	-	-	-	-	228	136	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)**

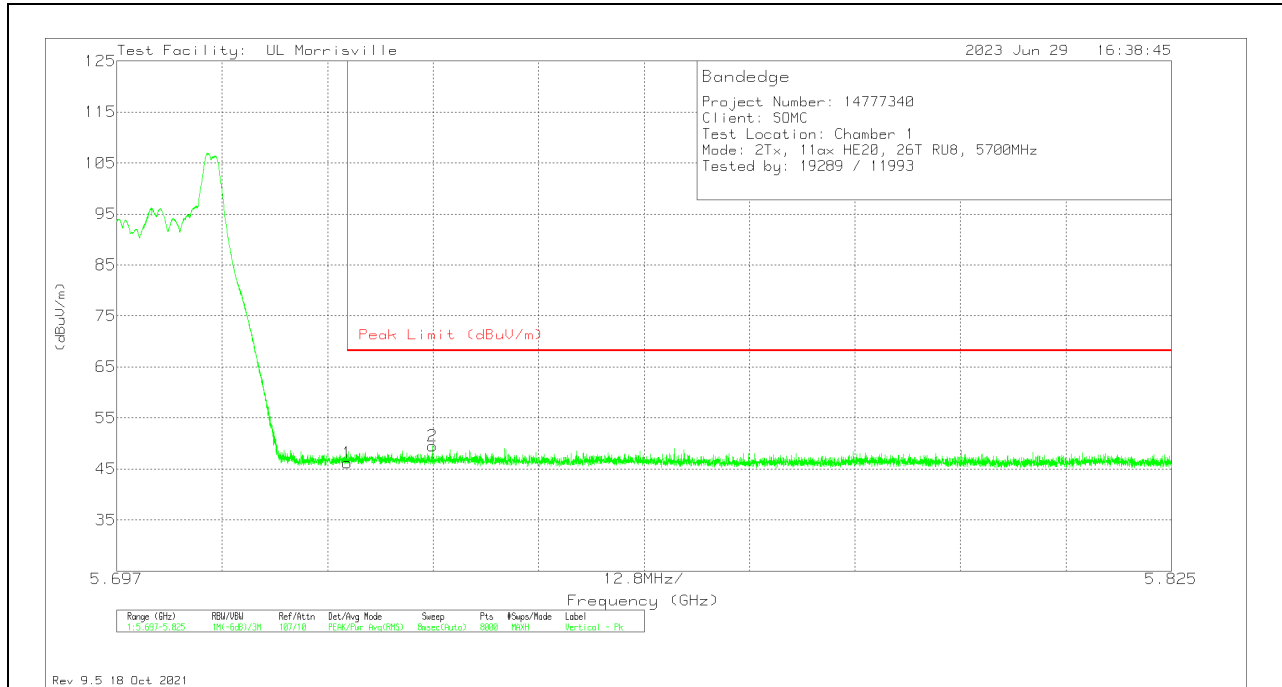
**HORIZONTAL RESULT**



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	206211 (dB/m)	Gain/Loss (dB)	Corrected Reading (dBuV/m)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.725	33.81	Pk	34.5	-21.7	46.61	68.2	-21.59	262	117	H
2	5.73989	36.01	Pk	34.5	-21.6	48.91	68.2	-19.29	262	117	H

Pk - Peak detector

**VERTICAL RESULT**

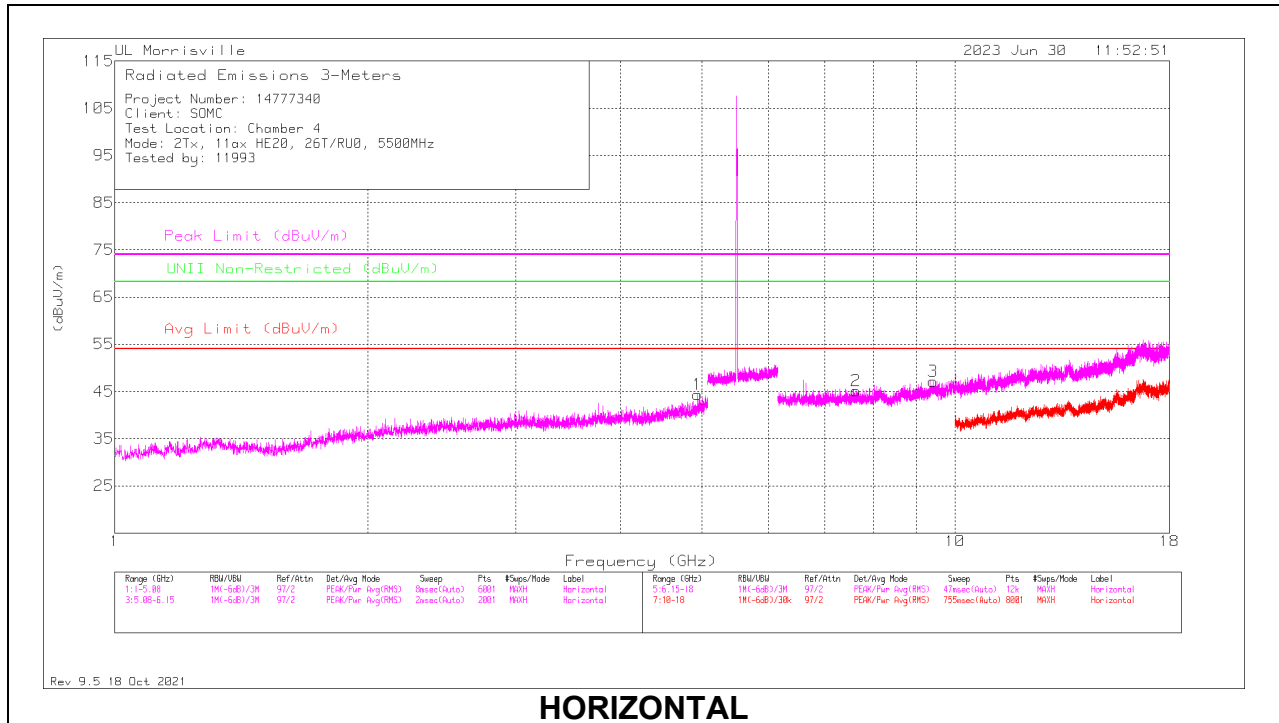


Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	206211 (dB/m)	Gain/Loss (dB)	Corrected Reading (dBuV/m)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.725	33.39	Pk	34.5	-21.7	46.19	68.2	-22.01	233	125	V
2	5.73529	36.73	Pk	34.5	-21.7	49.53	68.2	-18.67	233	125	V

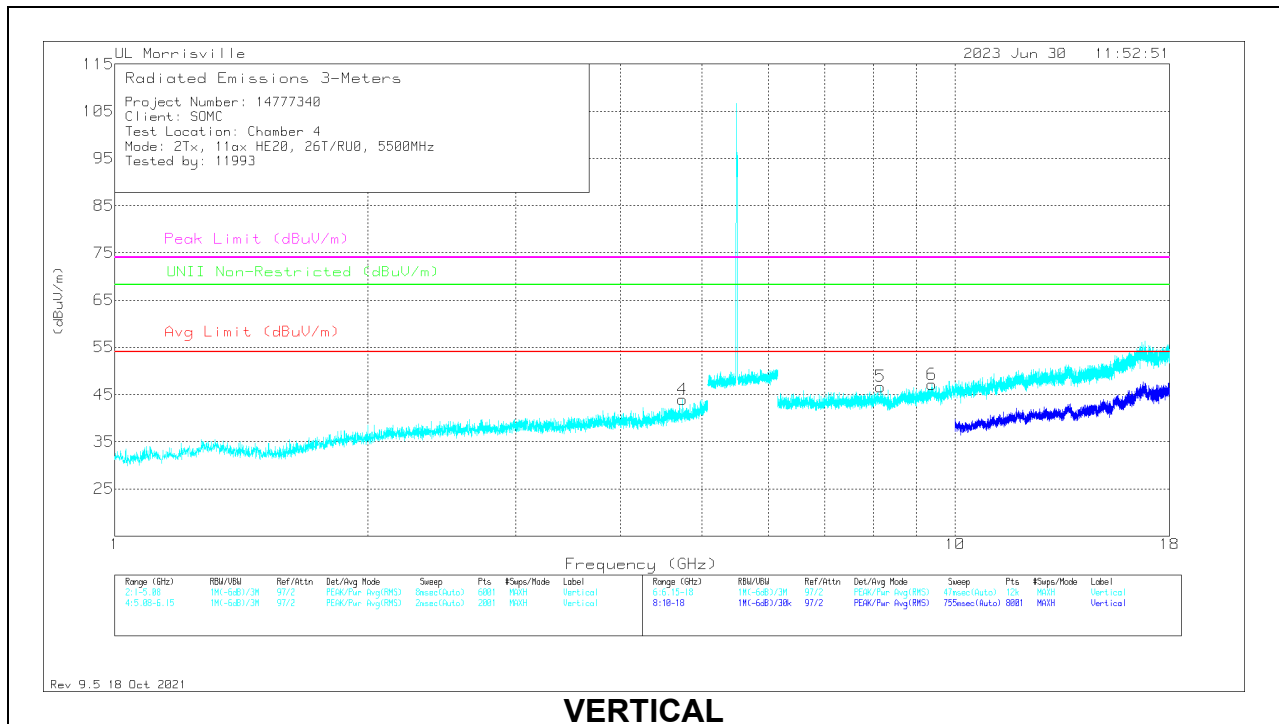
Pk - Peak detector

**HARMONICS AND SPURIOUS EMISSIONS**

**LOW CHANNEL RESULTS**



**HORIZONTAL**



**VERTICAL**

**RADIATED EMISSIONS**

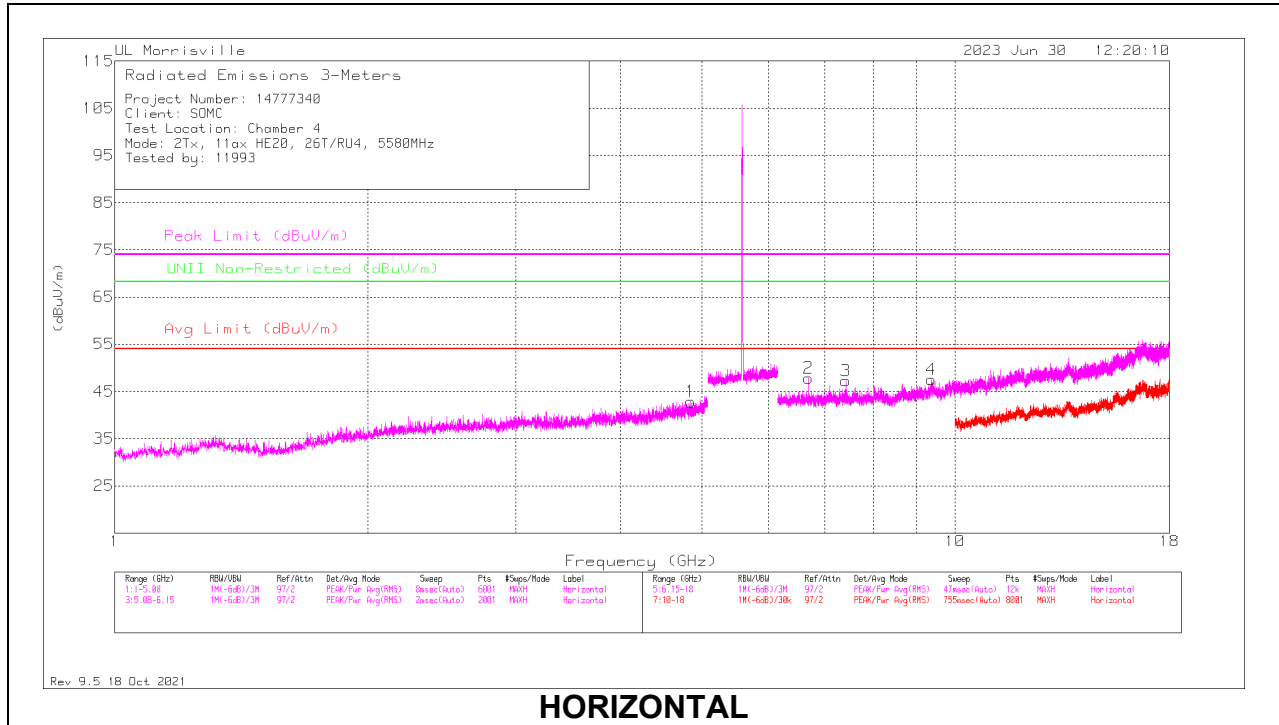
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	89509 ACF (dB/m)	Gain/Loss (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	*** 4.93652	41.11	Pk	33.9	-30.7	44.31	54	-9.69	74	-29.69	-	-	0-360	100	H
4	*** 4.73864	41.2	Pk	34	-31.3	43.9	54	-10.1	74	-30.1	-	-	0-360	200	V
2	*** 7.6273	36.8	Pk	35.7	-27.3	45.2	54	-8.8	74	-28.8	-	-	0-360	100	H
3	*** 9.42653	35.77	Pk	36.7	-25.3	47.17	54	-6.83	74	-26.83	-	-	0-360	100	H
5	*** 8.16055	37.77	Pk	35.8	-26.9	46.67	54	-7.33	74	-27.33	-	-	0-360	200	V
6	*** 9.38505	35.7	Pk	36.6	-25.2	47.1	54	-6.9	74	-26.9	-	-	0-360	200	V

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

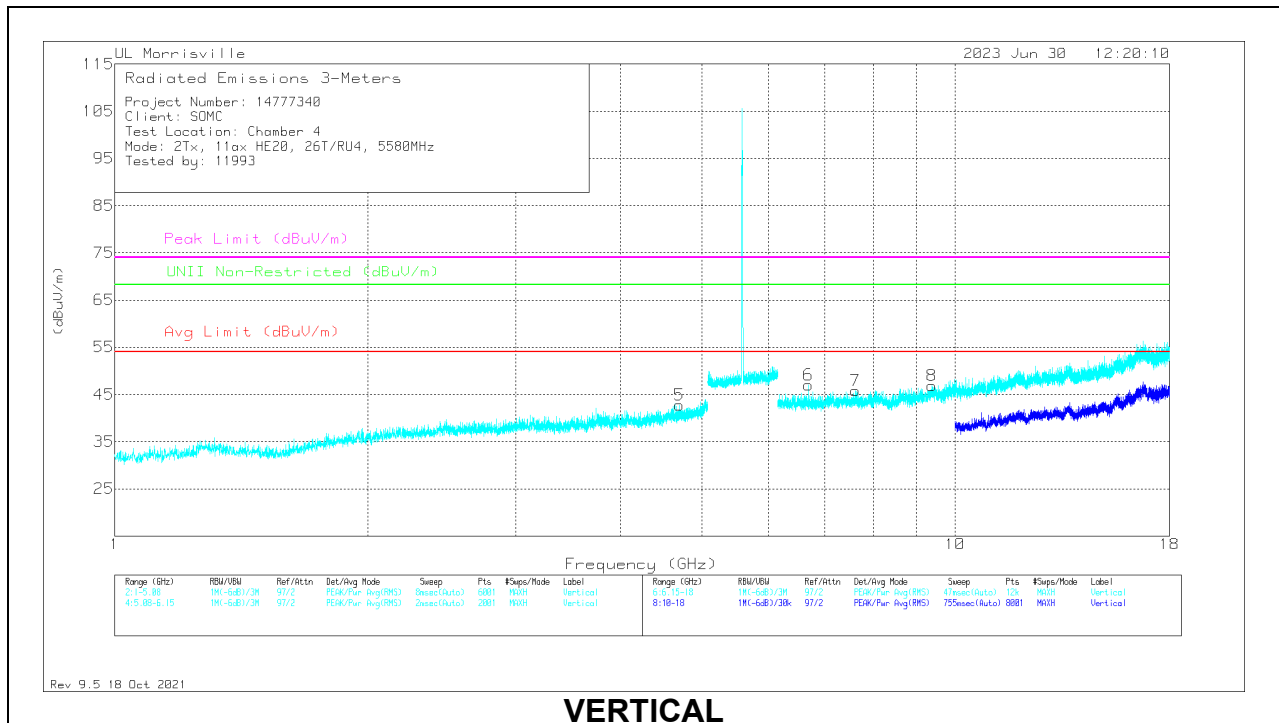
\*\* - indicates frequency in Taiwan NCC LP0002 Restricted Band

Pk - Peak detector

MID CHANNEL RESULTS



HORIZONTAL



VERTICAL

**RADIATED EMISSIONS**

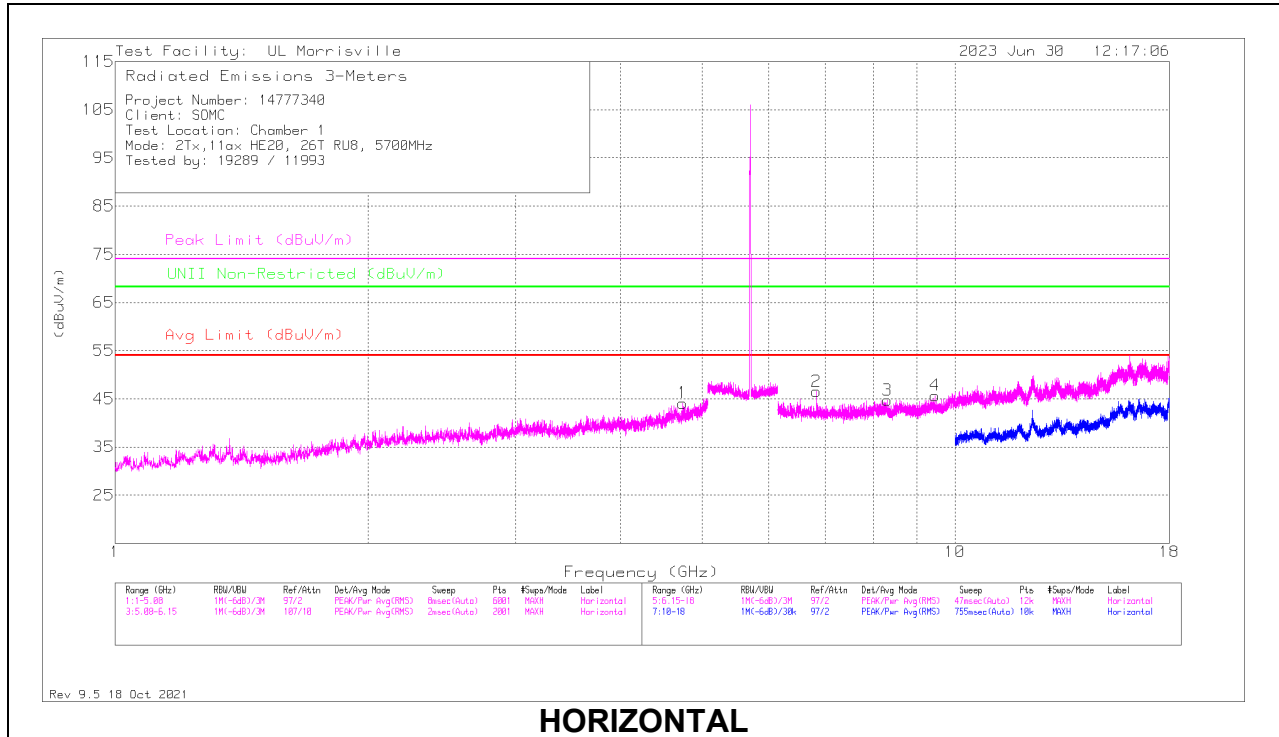
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	89509 ACF (dB/m)	Gain/Loss (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	*** 4.84948	39.62	Pk	34.1	-30.9	42.82	54	-11.18	74	-31.18	-	-	0-360	100	H
5	*** 4.6958	39.92	Pk	34.1	-31.3	42.72	54	-11.28	74	-31.28	-	-	0-360	200	V
3	*** 7.41301	39.15	Pk	35.6	-27.5	47.25	54	-6.75	74	-26.75	-	-	0-360	100	H
4	*** 9.36826	36.67	Pk	36.5	-25.6	47.57	54	-6.43	74	-26.43	-	-	0-360	100	H
7	*** 7.61743	37.1	Pk	35.7	-27	45.8	54	-8.2	74	-28.2	-	-	0-360	200	V
8	*** 9.38999	35.77	Pk	36.6	-25.5	46.87	54	-7.13	74	-27.13	-	-	0-360	200	V
2	6.6951	40.66	Pk	35.4	-28.2	47.86	-	-	-	-	-	-20.34	0-360	100	H
6	6.6951	39.82	Pk	35.4	-28.2	47.02	-	-	-	-	-	-21.18	0-360	200	V

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

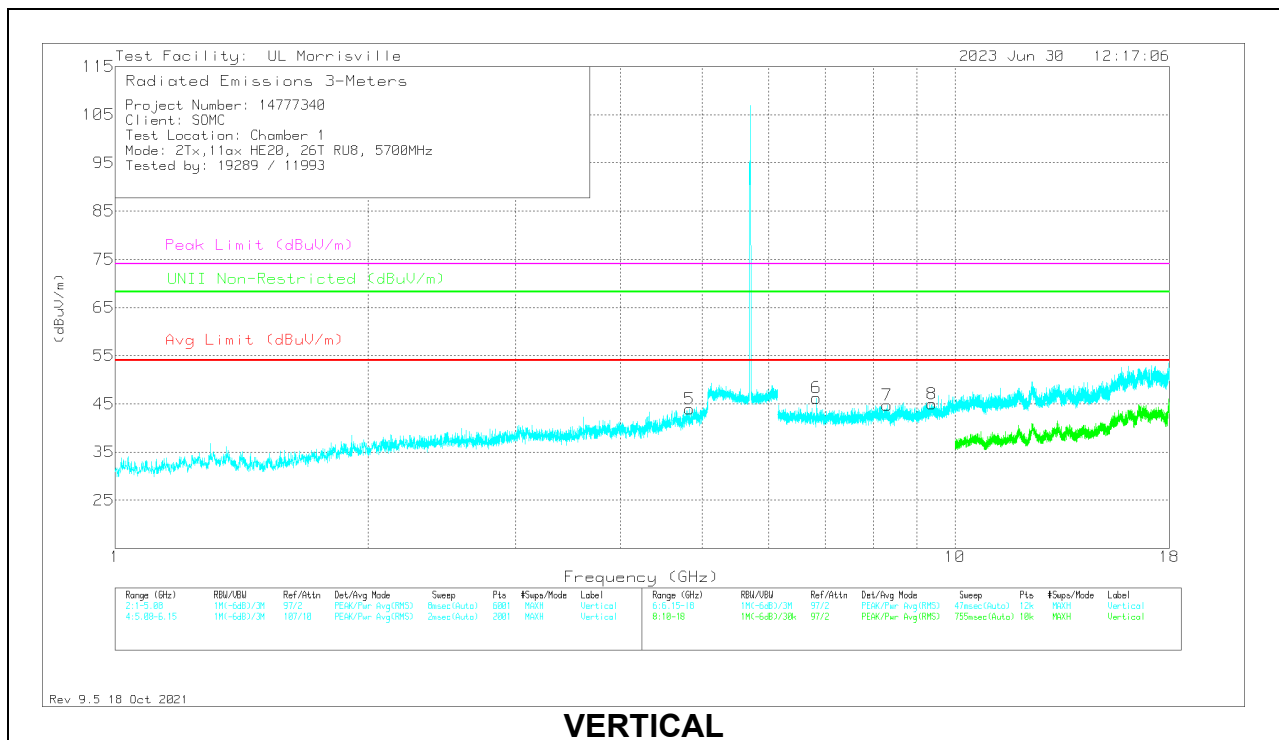
\*\* - indicates frequency in Taiwan NCC LP0002 Restricted Band

Pk - Peak detector

### HIGH CHANNEL RESULTS



### HORIZONTAL



### VERTICAL



**RADIATED EMISSIONS**

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	206211 (dB/m)	Gain/Loss (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	*** 4.73932	40.63	Pk	34.1	-30.6	0	44.13	54	-9.87	74	-29.87	-	-	0-360	101	H
5	*** 4.83248	40.03	Pk	34	-30.1	0	43.93	54	-10.07	74	-30.07	-	-	0-360	101	V
3	*** 8.30374	37.21	Pk	35.9	-28.4	0	44.71	54	-9.29	74	-29.29	-	-	0-360	101	H
4	*** 9.47096	37.9	Pk	36.5	-28.7	0	45.7	54	-8.3	74	-28.3	-	-	0-360	200	H
7	*** 8.30176	37.09	Pk	35.9	-28.3	0	44.69	54	-9.31	74	-29.31	-	-	0-360	200	V
8	*** 9.38999	37.66	Pk	36.4	-29.1	0	44.96	54	-9.04	74	-29.04	-	-	0-360	200	V
2	6.83928	40.92	Pk	35.6	-30	0	46.52	-	-	-	-	68.2	-21.68	0-360	101	H
6	6.83928	40.63	Pk	35.6	-30	0	46.23	-	-	-	-	68.2	-21.97	0-360	101	V

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

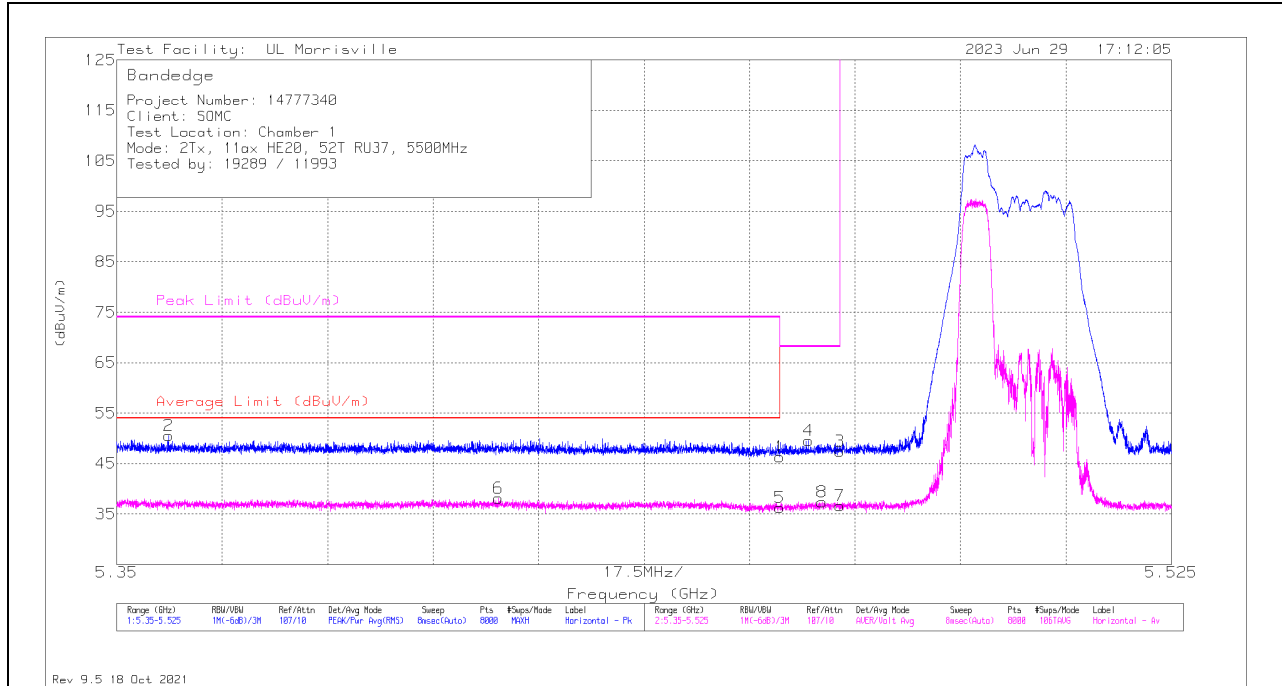
\*\* - indicates frequency in Taiwan NCC LP0002 Restricted Band

Pk - Peak detector

**2TX CDD MODE – 52T**

**BANDEDGE (LOW CHANNEL)**

**HORIZONTAL RESULT**



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	206211 (dB/m)	Gain/Loss (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	*** 5.45998	33.19	Pk	34.4	-21.3	0	46.29	-	-	74	-27.71	261	122	H
2	*** 5.35858	36.87	Pk	34.5	-20.8	0	50.57	-	-	74	-23.43	261	122	H
5	*** 5.45998	22.63	ADV	34.4	-21.3	.52	36.25	54	-17.75	-	-	261	122	H
6	*** 5.41336	23.92	ADV	34.5	-20.8	.52	38.14	54	-15.86	-	-	261	122	H
4	5.46482	36.24	Pk	34.4	-21.1	0	49.54	-	-	68.2	-18.66	261	122	H
8	5.46703	23.49	ADV	34.4	-21	.52	37.41	-	-	-	-	261	122	H
3	5.46998	34.14	Pk	34.4	-21.1	0	47.44	-	-	68.2	-20.76	261	122	H
7	5.46998	22.86	ADV	34.4	-21.1	.52	36.68	-	-	-	-	261	122	H

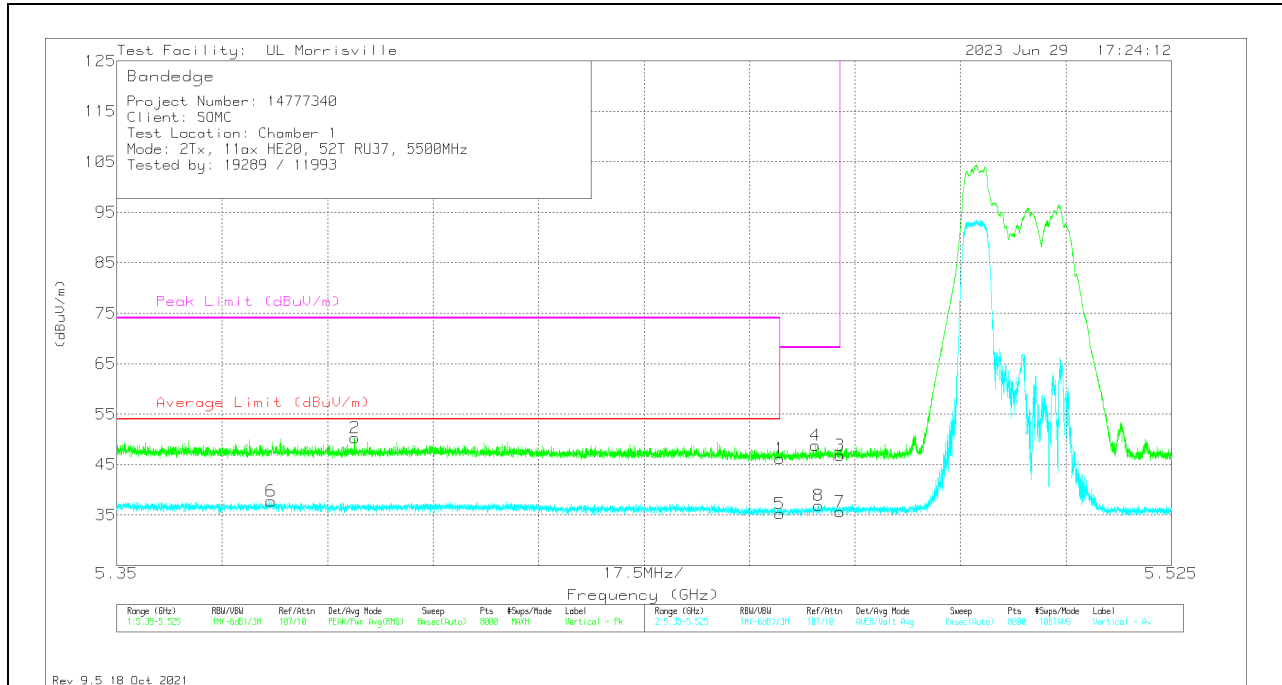
\* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

\*\* - 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)	Gain/Loss (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	*** 5.45998	33.05	Pk	34.4	-21.3	0	46.15	-	-	74	-27.85	251	144	V
2	*** 5.38947	36.54	Pk	34.5	-20.8	0	50.24	-	-	74	-23.76	251	144	V
5	*** 5.45998	21.61	ADV	34.4	-21.3	.52	35.23	54	-18.77	-	-	251	144	V
6	*** 5.37562	23.43	ADV	34.5	-20.7	.52	37.75	54	-16.25	-	-	251	144	V
4	5.46595	35.54	Pk	34.4	-21.1	0	48.84	-	-	68.2	-19.36	251	144	V
8	5.46641	23.04	ADV	34.4	-21.1	.52	36.86	-	-	-	-	251	144	V
3	5.46998	33.54	Pk	34.4	-21.1	0	46.84	-	-	68.2	-21.36	251	144	V
7	5.46998	21.83	ADV	34.4	-21.1	.52	35.65	-	-	-	-	251	144	V

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

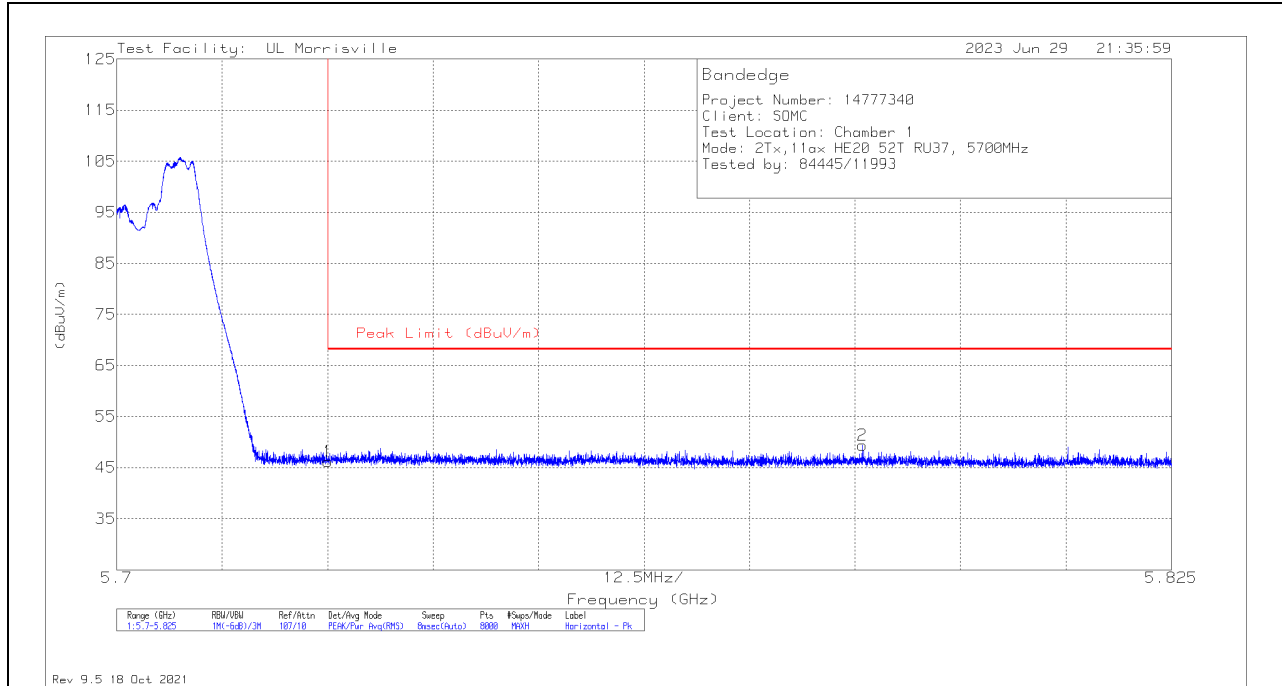
\*\* - indicates frequency in Taiwan NCC LP0002 Restricted Band

Pk - Peak detector

ADV - Linear Voltage Average

**BANDEDGE (HIGH CHANNEL)**

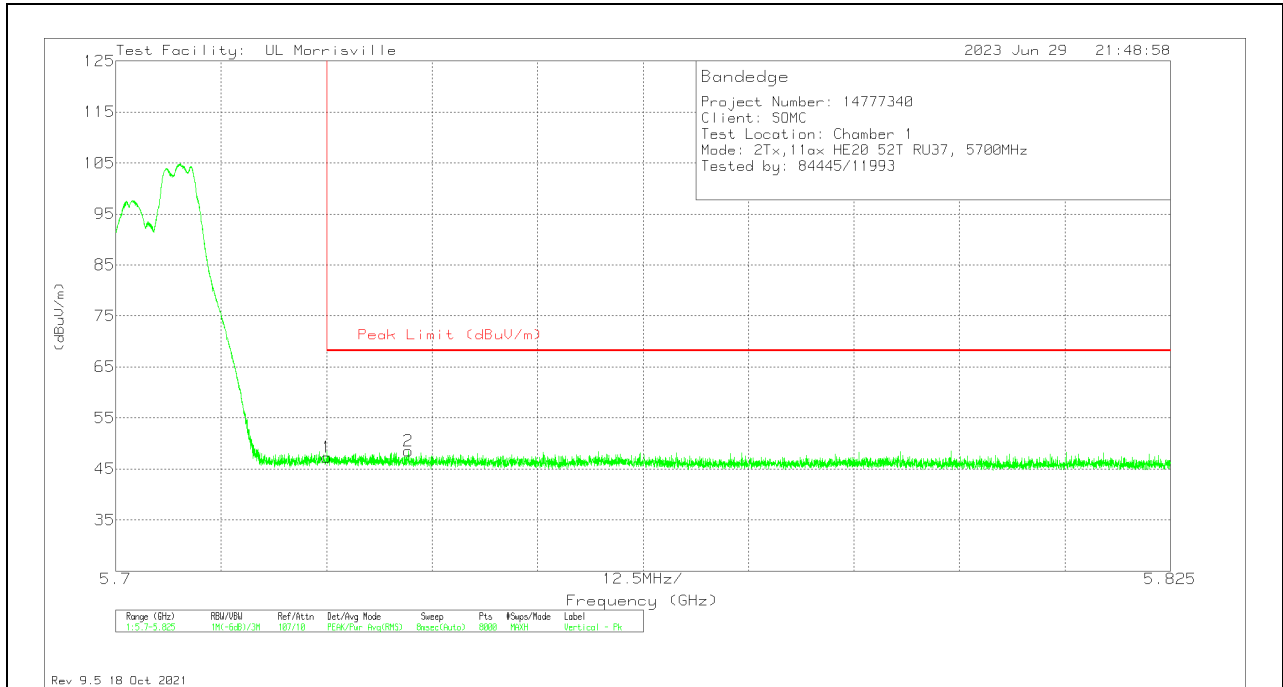
**HORIZONTAL RESULT**



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	206211 (dB/m)	Gain/Loss (dB)	Corrected Reading (dBuV/m)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.725	33.39	Pk	34.5	-21.7	46.19	68.2	-22.01	359	134	H
2	5.78836	36.12	Pk	34.7	-21.4	49.42	68.2	-18.78	359	134	H

Pk - Peak detector

**VERTICAL RESULT**



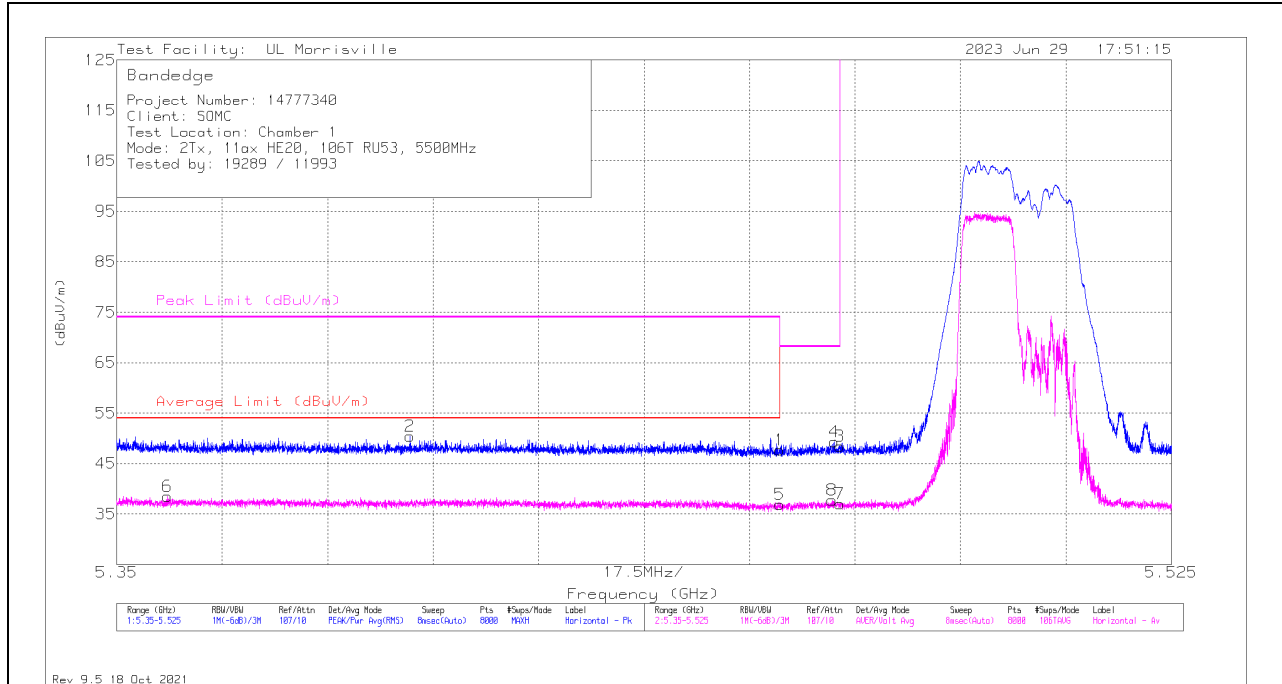
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	206211 (dB/m)	Gain/Loss (dB)	Corrected Reading (dBuV/m)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.725	34.53	Pk	34.5	-21.7	47.33	68.2	-20.87	259	132	V
2	5.73471	35.71	Pk	34.5	-21.7	48.51	68.2	-19.69	259	132	V

Pk - Peak detector

**2TX CDD MODE – 106T**

**BANDEDGE (LOW CHANNEL)**

**HORIZONTAL RESULT**



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	206211 (dB/m)	Gain/Loss (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	*** 5.45998	34.54	Pk	34.4	-21.3	0	47.64	-	-	74	-26.36	262	106	H
2	*** 5.39866	36.74	Pk	34.5	-20.8	0	50.44	-	-	74	-23.56	262	106	H
5	*** 5.45998	23.24	ADV	34.4	-21.3	.54	36.88	54	-17.12	-	-	262	106	H
6	*** 5.35844	24.3	ADV	34.5	-20.8	.54	38.54	54	-15.46	-	-	262	106	H
8	5.46869	23.96	ADV	34.4	-21.1	.54	37.8	-	-	-	-	262	106	H
4	5.46902	35.98	Pk	34.4	-21.1	0	49.28	-	-	68.2	-18.92	262	106	H
3	5.46998	35.17	Pk	34.4	-21.1	0	48.47	-	-	68.2	-19.73	262	106	H
7	5.46998	23.13	ADV	34.4	-21.1	.54	36.97	-	-	-	-	262	106	H

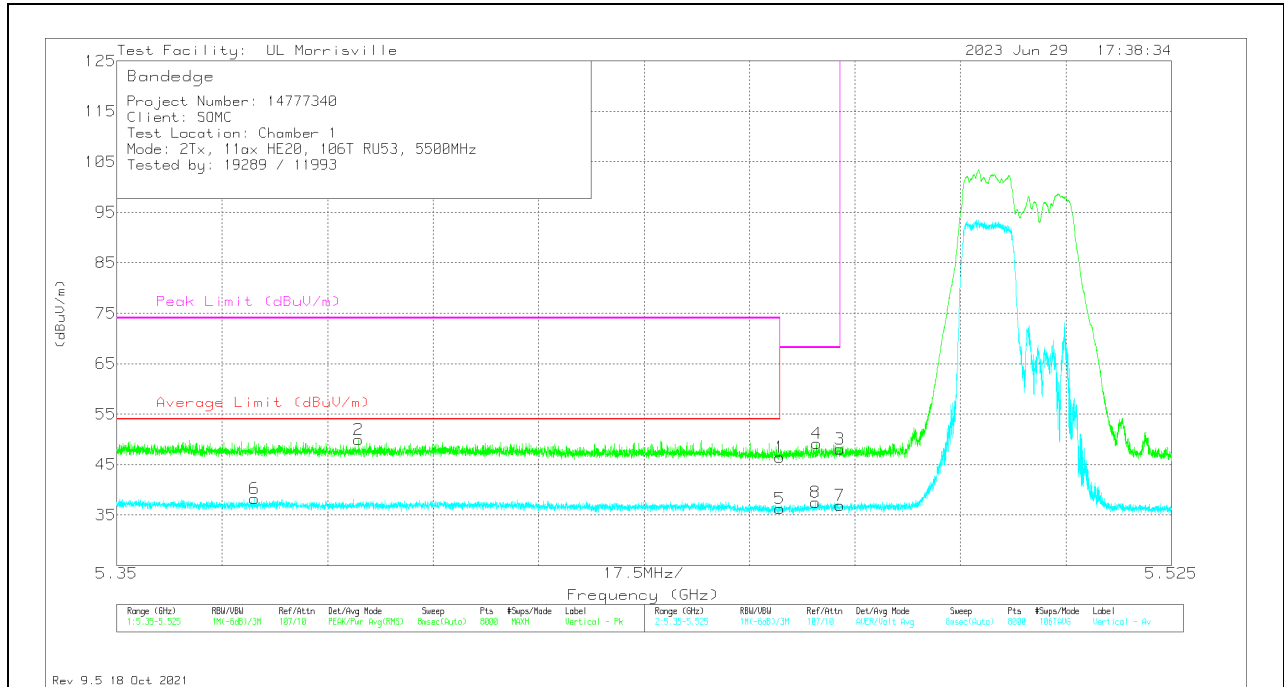
\* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

\*\* - indicates frequency in Taiwan NCC LP0002 Restricted Band

Pk - Peak detector

ADV - Linear Voltage Average

**VERTICAL RESULT**

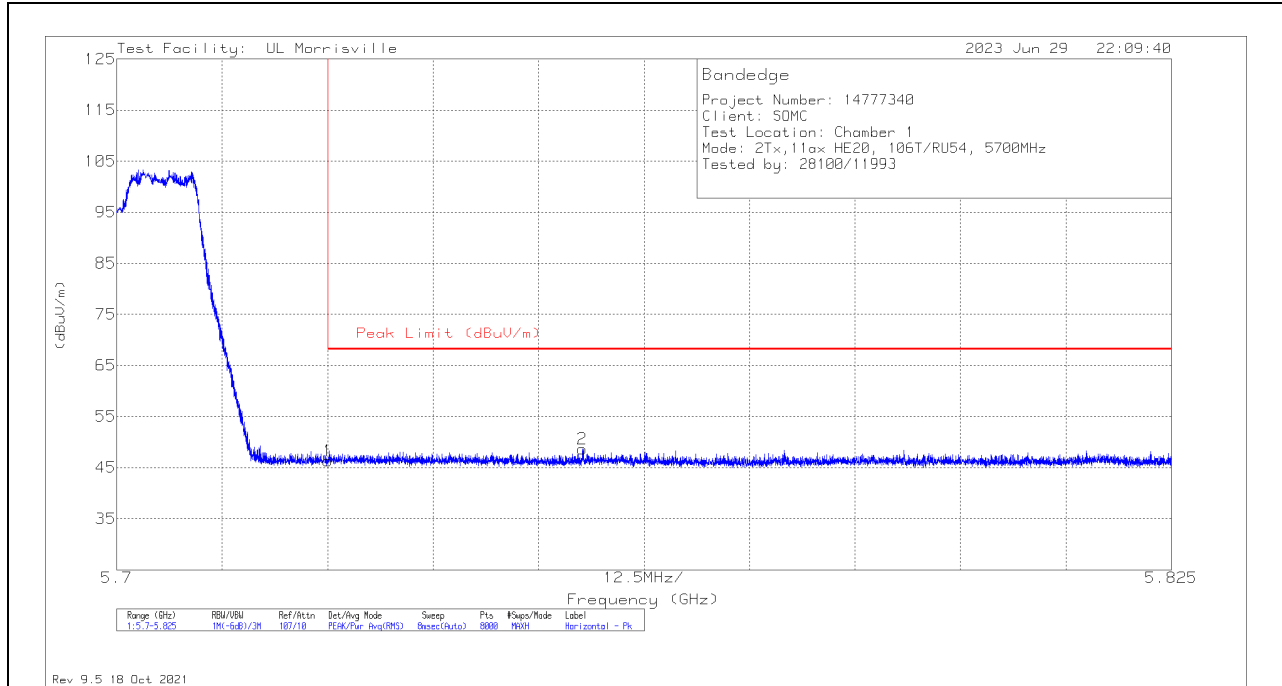


Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	206211 (dB/m)	Gain/Loss (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	*** 5.45998	33.32	Pk	34.4	-21.3	0	46.42	-	-	74	-27.58	237	132	V
2	*** 5.39015	36.19	Pk	34.5	-20.8	0	49.89	-	-	74	-24.11	237	132	V
5	*** 5.45998	22.66	ADV	34.4	-21.3	.54	36.3	54	-17.7	-	-	237	132	V
6	*** 5.37284	23.89	ADV	34.5	-20.7	.54	38.23	54	-15.77	-	-	237	132	V
8	5.46595	23.61	ADV	34.4	-21.1	.54	37.45	-	-	-	-	237	132	V
4	5.46611	35.82	Pk	34.4	-21.1	0	49.12	-	-	68.2	-19.08	237	132	V
3	5.46998	34.81	Pk	34.4	-21.1	0	48.11	-	-	68.2	-20.09	237	132	V
7	5.46998	23.02	ADV	34.4	-21.1	.54	36.86	-	-	-	-	237	132	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)**

**HORIZONTAL RESULT**

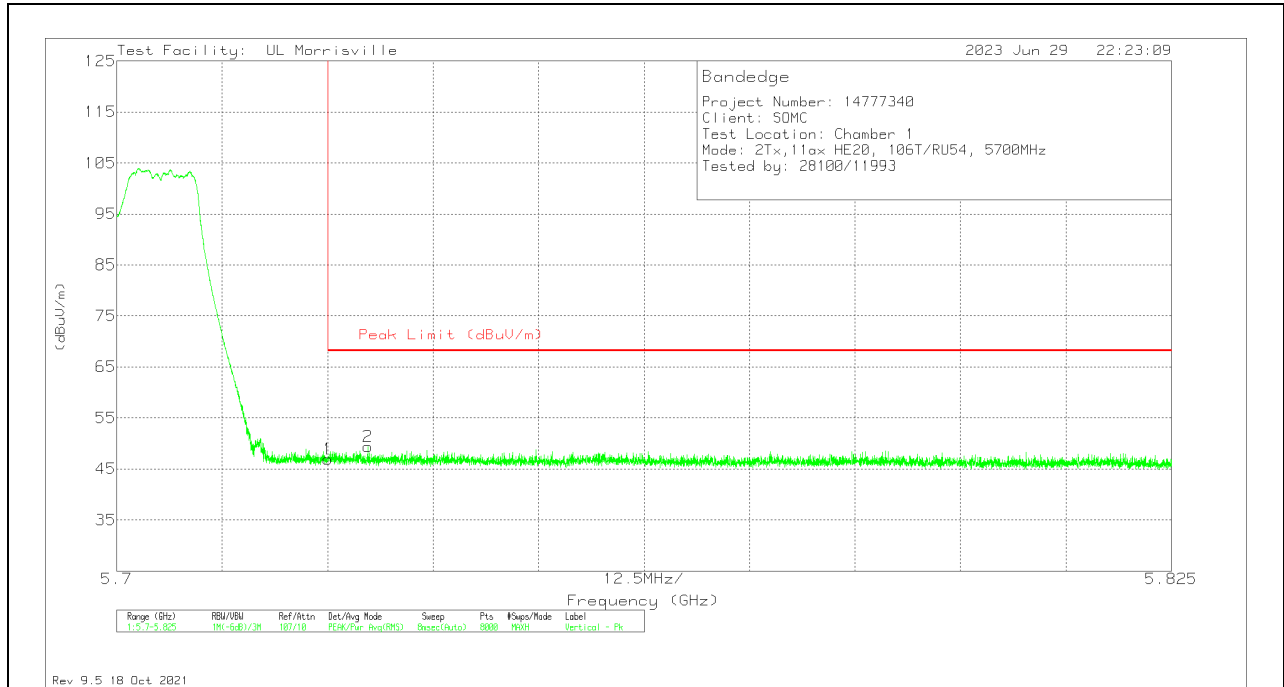


Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	206211 (dB/m)	Gain/Loss (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.725	33.5	PK	34.5	-21.7	0	46.3	68.2	-21.9	253	110	H
2	5.75518	35.78	PK	34.6	-21.7	0	48.68	68.2	-19.52	253	110	H

Pk - Peak detector



**VERTICAL RESULT**



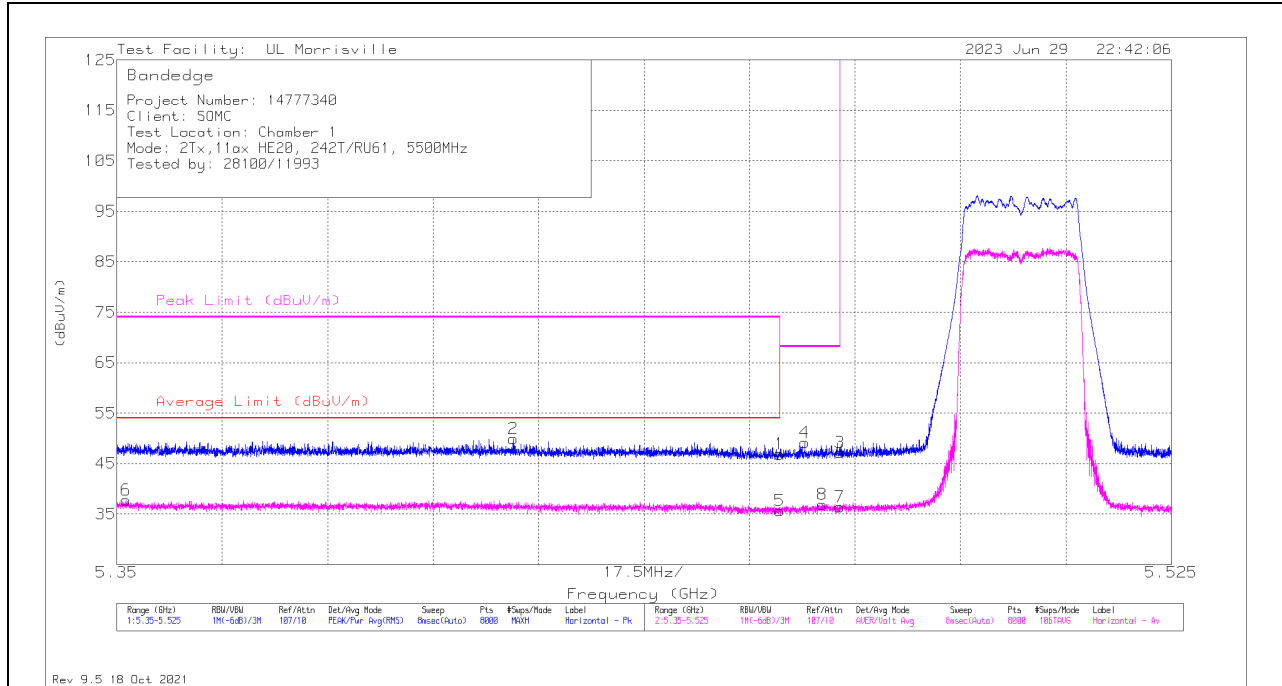
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	206211 (dB/m)	Gain/Loss (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.725	34.07	Pk	34.5	-21.7	0	46.87	68.2	-21.33	255	111	V
2	5.72977	36.52	Pk	34.5	-21.6	0	49.42	68.2	-18.78	255	111	V

Pk - Peak detector

**2TX CDD MODE – 242T**

**BANDEGE (LOW CHANNEL)**

**HORIZONTAL RESULT**



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	206211 (dB/m)	Gain/Loss (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	*** 5.45998	33.78	Pk	34.4	-21.3	0	46.88	-	-	74	-27.12	262	114	H
2	*** 5.41577	36.1	Pk	34.5	-20.7	0	49.9	-	-	74	-24.1	262	114	H
5	*** 5.45998	21.95	ADV	34.4	-21.3	.58	35.63	54	-18.37	-	-	262	114	H
6	*** 5.35153	23.22	ADV	34.5	-20.6	.58	37.7	54	-16.3	-	-	262	114	H
4	5.46414	35.96	Pk	34.4	-21.2	0	49.16	-	-	68.2	-19.04	262	114	H
8	5.46711	22.94	ADV	34.4	-21	.58	36.92	-	-	-	-	262	114	H
3	5.46998	33.84	Pk	34.4	-21.1	0	47.14	-	-	68.2	-21.06	262	114	H
7	5.46998	22.54	ADV	34.4	-21.1	.58	36.42	-	-	-	-	262	114	H

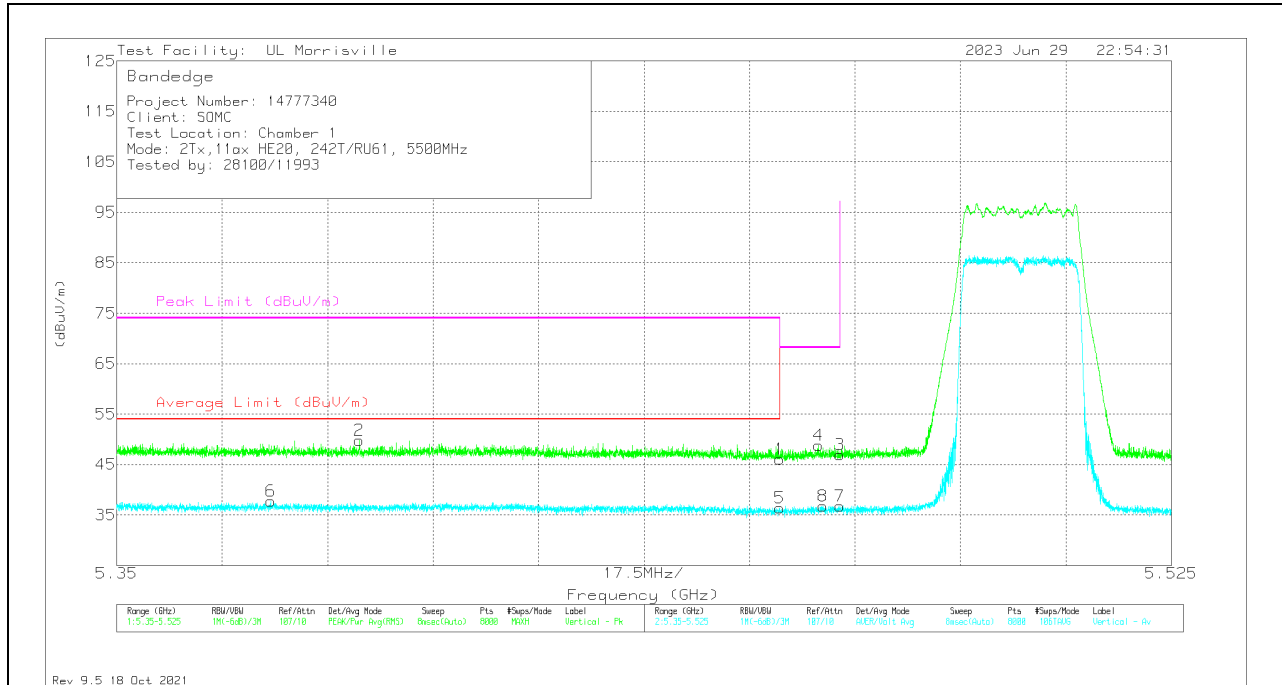
\* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

\*\* - 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)	Gain/Loss (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	*** 5.45998	32.96	Pk	34.4	-21.3	0	46.06	-	-	74	-27.94	258	111	V
2	*** 5.39026	35.97	Pk	34.5	-20.7	0	49.77	-	-	74	-24.23	258	111	V
5	*** 5.45998	22.71	ADV	34.4	-21.3	.58	36.39	54	-17.61	-	-	258	111	V
6	*** 5.37553	23.32	ADV	34.5	-20.7	.58	37.7	54	-16.3	-	-	258	111	V
4	5.46643	35.41	Pk	34.4	-21	0	48.81	-	-	68.2	-19.39	258	111	V
8	5.46722	22.82	ADV	34.4	-21	.58	36.8	-	-	-	-	258	111	V
3	5.46998	33.61	Pk	34.4	-21.1	0	46.91	-	-	68.2	-21.29	258	111	V
7	5.46998	22.83	ADV	34.4	-21.1	.58	36.71	-	-	-	-	258	111	V

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

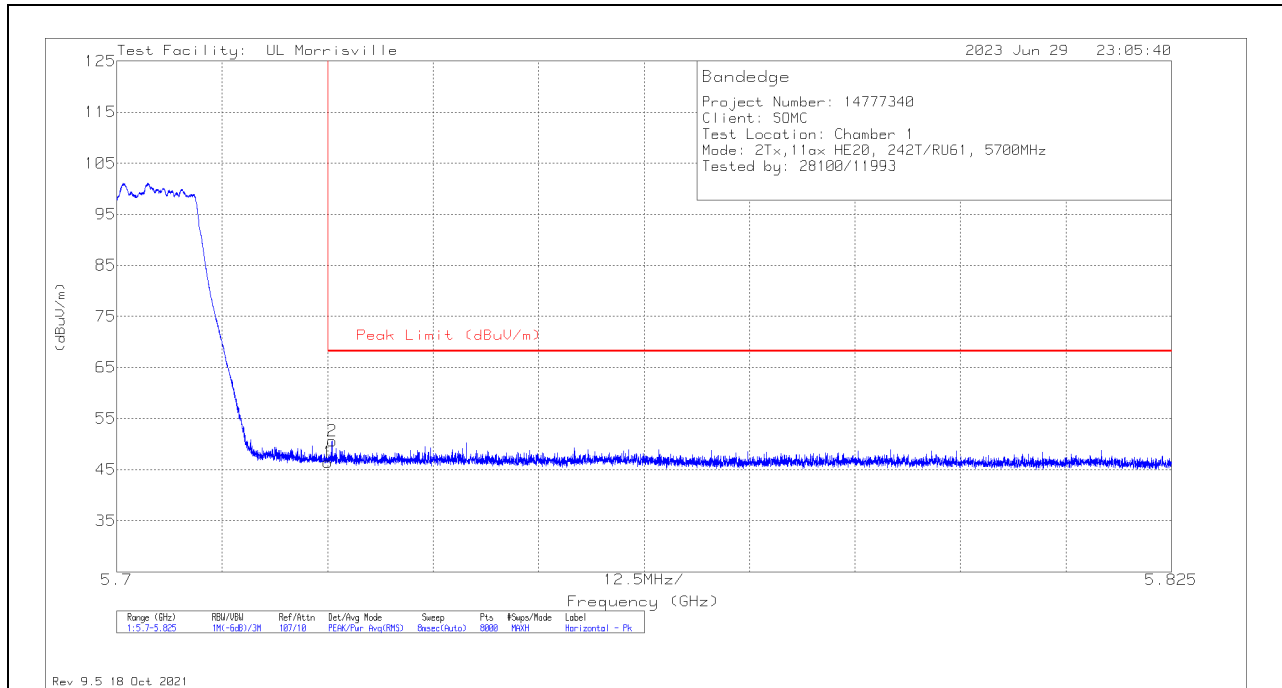
\*\* - indicates frequency in Taiwan NCC LP0002 Restricted Band

Pk - Peak detector

ADV - Linear Voltage Average

**BANDEDGE (HIGH CHANNEL)**

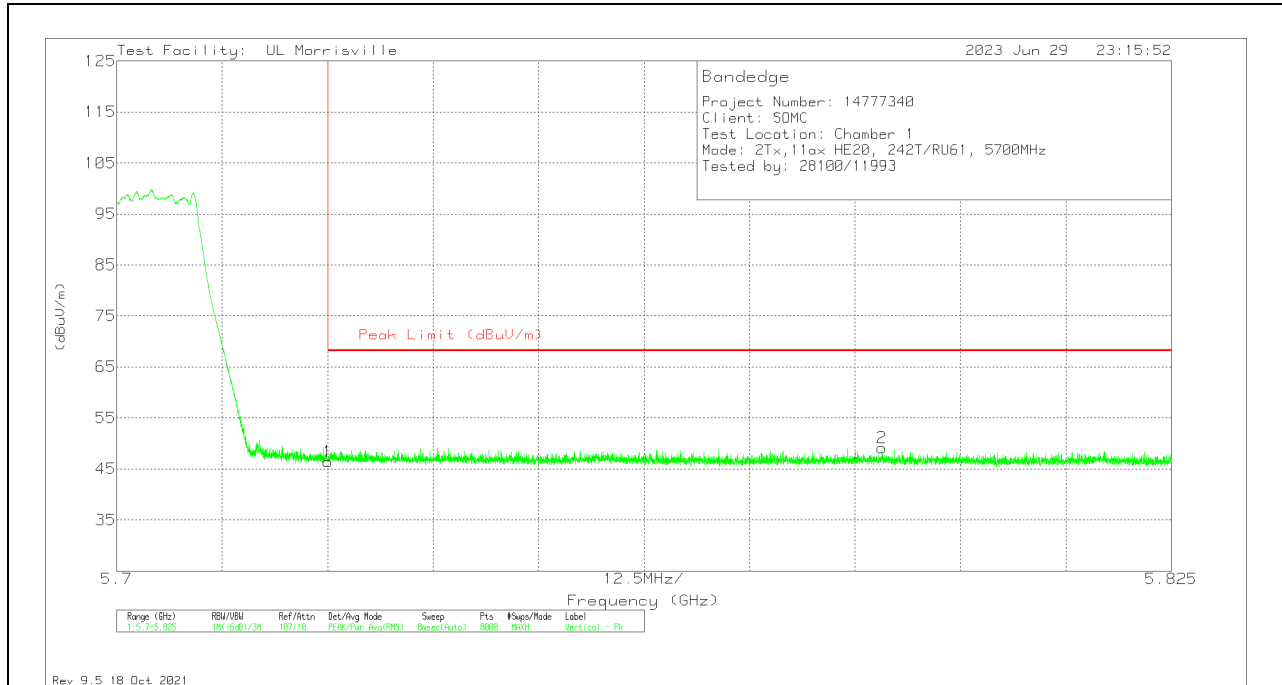
**HORIZONTAL RESULT**



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	206211 (dB/m)	Gain/Loss (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.725	33.62	PK	34.5	-21.7	0	46.42	68.2	-21.78	268	116	H
2	5.72552	37.85	PK	34.5	-21.7	0	50.65	68.2	-17.55	268	116	H

Pk - Peak detector

**VERTICAL RESULT**



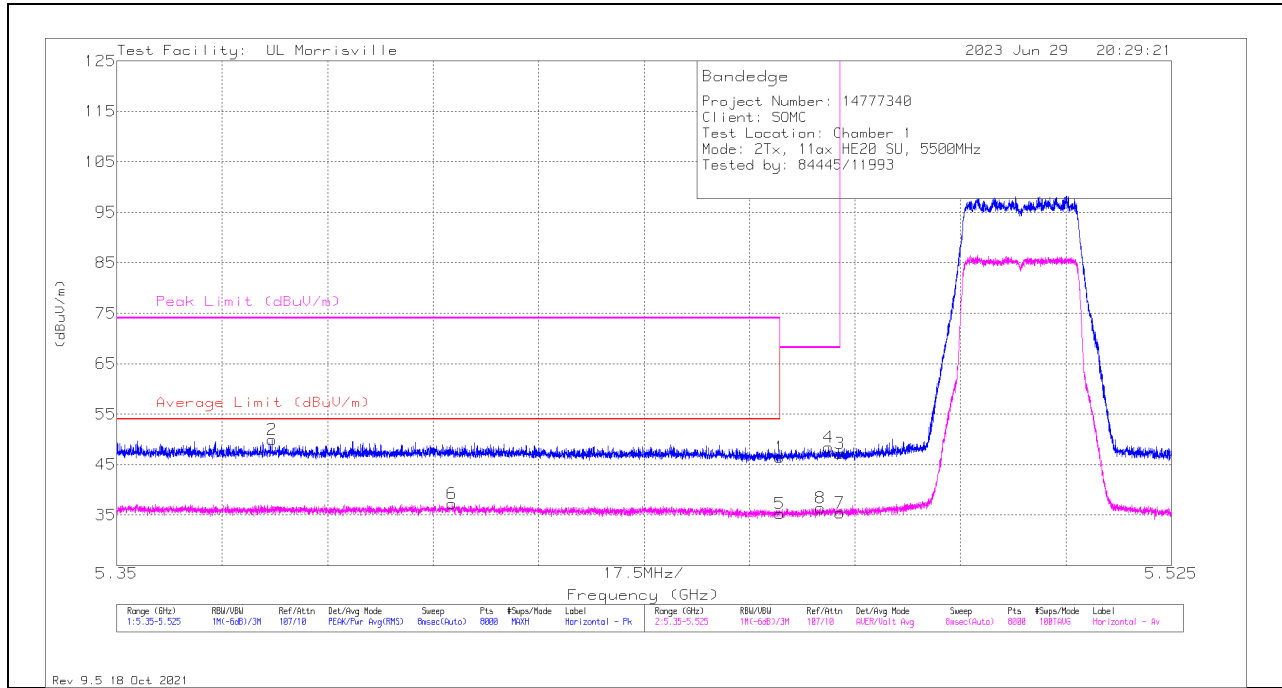
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	206211 (dB/m)	Gain/Loss (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.725	33.62	Pk	34.5	-21.7	0	46.42	68.2	-21.78	249	111	V
2	5.7907	35.86	Pk	34.7	-21.4	0	49.16	68.2	-19.04	249	111	V

Pk - Peak detector

**2TX CDD MODE – SU**

**BANDEDGE (LOW CHANNEL)**

**HORIZONTAL RESULT**



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	206211 (dB/m)	Gain/Loss (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	*** 5.45998	33.39	Pk	34.4	-21.3	46.49	-	-	74	-27.51	343	215	H
2	*** 5.37579	36.14	Pk	34.5	-20.7	49.94	-	-	74	-24.06	343	215	H
5	*** 5.45998	22.17	ADV	34.4	-21.3	35.27	54	-18.73	-	-	343	215	H
6	*** 5.40566	23.57	ADV	34.5	-20.8	37.27	54	-16.73	-	-	343	215	H
8	5.46678	23.03	ADV	34.4	-21	36.43	-	-	-	-	343	215	H
4	5.4681	35.02	Pk	34.4	-21	48.42	-	-	68.2	-19.78	343	215	H
3	5.46998	33.86	Pk	34.4	-21.1	47.16	-	-	68.2	-21.04	343	215	H
7	5.46998	22.14	ADV	34.4	-21.1	35.44	-	-	-	-	343	215	H

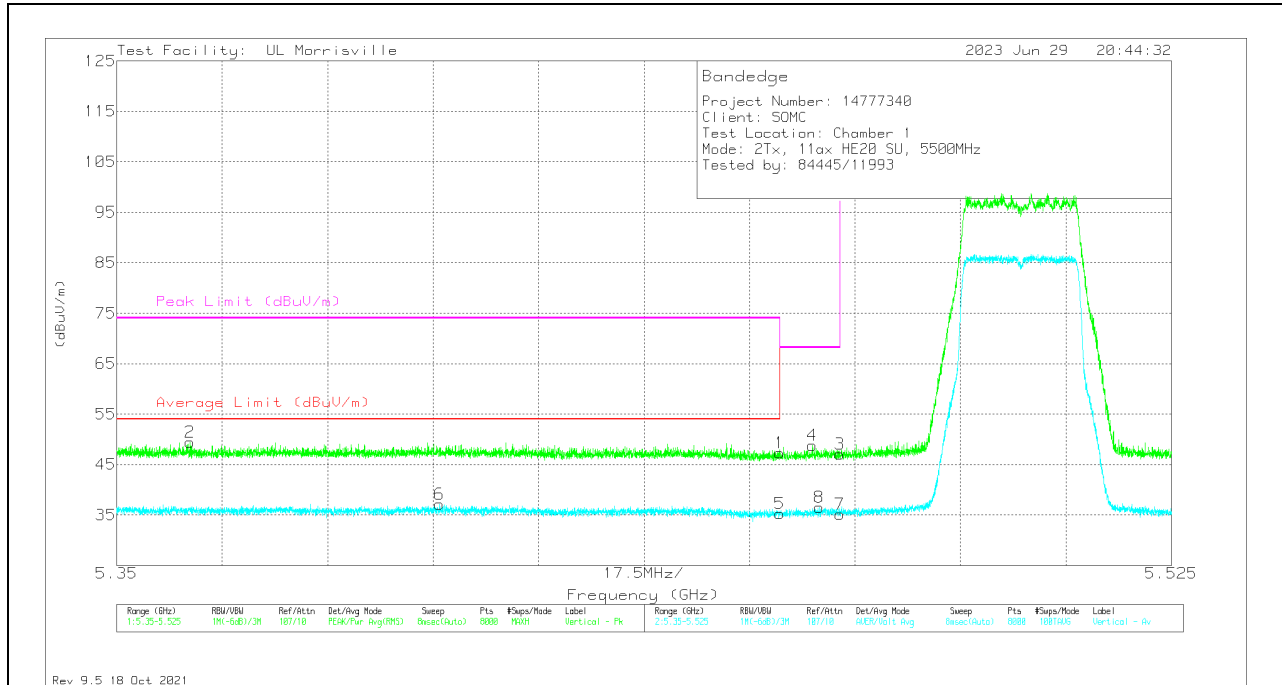
\* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

\*\* - 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)	Gain/Loss (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	*** 5.45998	34.23	Pk	34.4	-21.3	47.33	-	-	74	-26.67	65	106	V
2	*** 5.36219	35.74	Pk	34.5	-20.8	49.44	-	-	74	-24.56	65	106	V
5	*** 5.45998	22.2	ADV	34.4	-21.3	35.3	54	-18.7	-	-	65	106	V
6	*** 5.40358	23.29	ADV	34.5	-20.7	37.09	54	-16.91	-	-	65	106	V
4	5.46545	35.46	Pk	34.4	-21.1	48.76	-	-	68.2	-19.44	65	106	V
8	5.46659	23.07	ADV	34.4	-21	36.47	-	-	-	-	65	106	V
3	5.46998	33.73	Pk	34.4	-21.1	47.03	-	-	68.2	-21.17	65	106	V
7	5.46998	21.9	ADV	34.4	-21.1	35.2	-	-	-	-	65	106	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