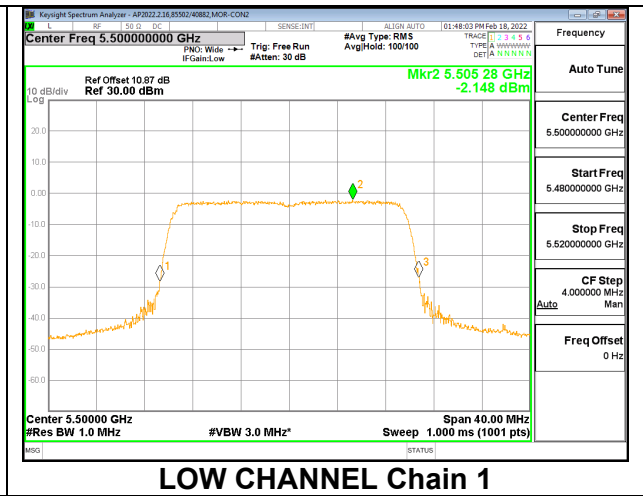
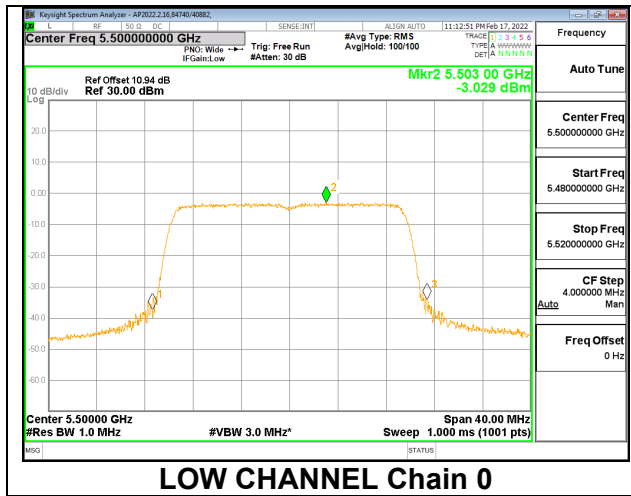


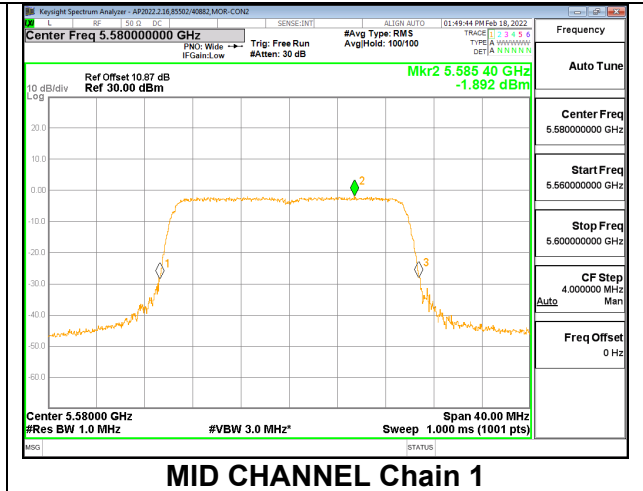
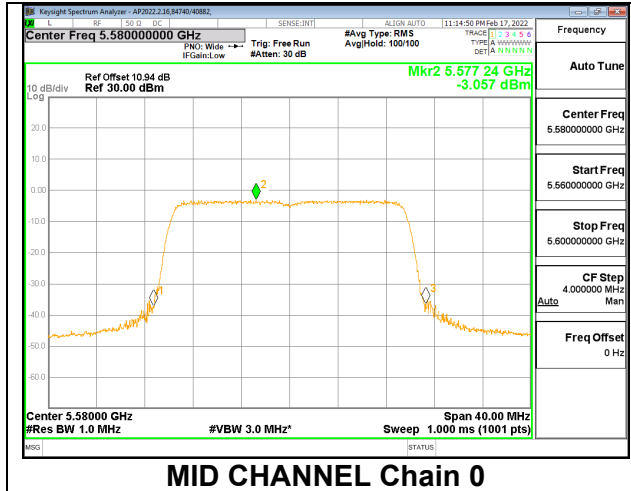
LOW



LOW CHANNEL Chain 0

LOW CHANNEL Chain 1

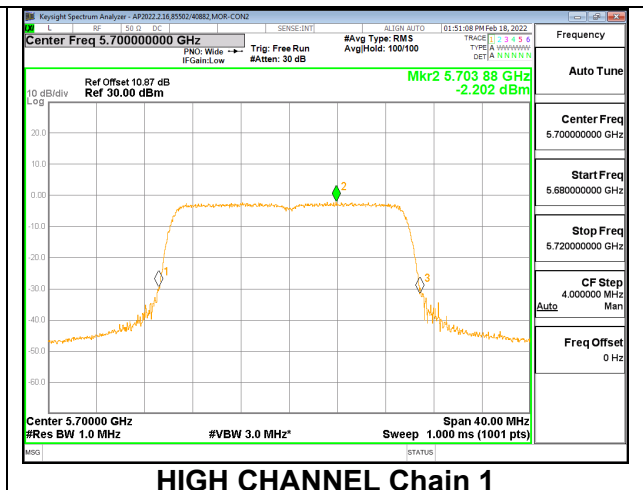
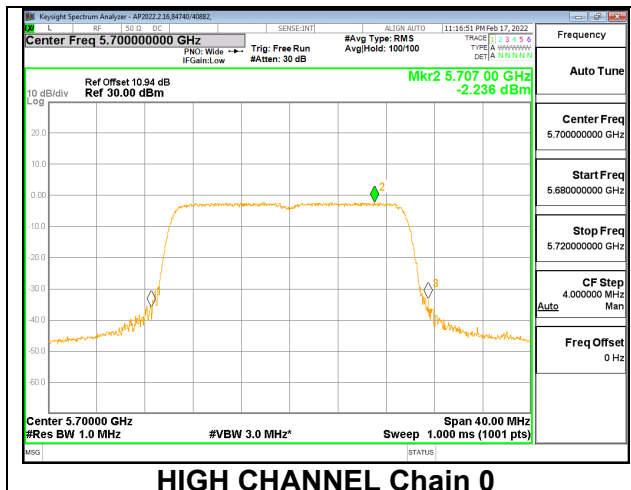
MID



MID CHANNEL Chain 0

MID CHANNEL Chain 1

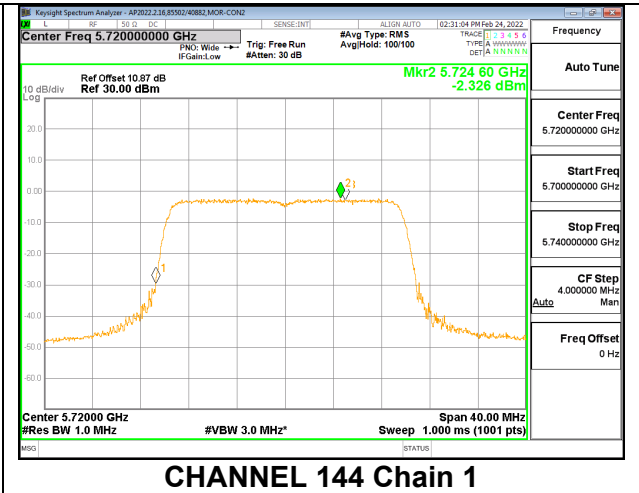
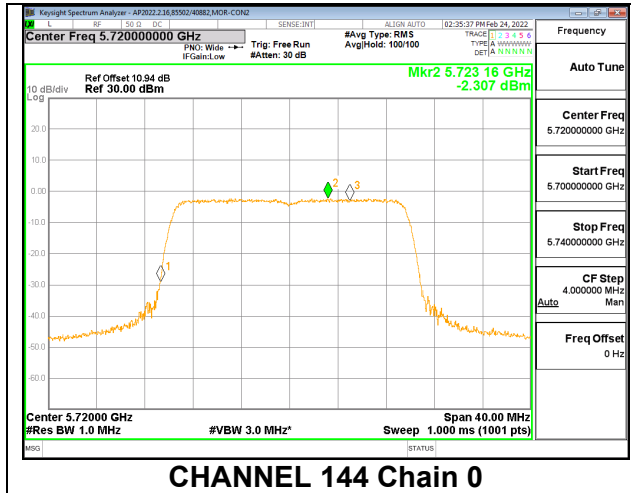
HIGH



HIGH CHANNEL Chain 0

HIGH CHANNEL Chain 1

CHANNEL 144



9.3.2. 802.11ax HE40 MODE 2TX IN THE 5.6GHz BAND

2TX Chain 0 + Chain 1 CDD OFDMA MODE: 484-Tones, RU Index 65

Test Engineer:	84740/40882, 85502/40882
Test Date:	2022-02-17, 2022-02-18

Bandwidth, Antenna Gain, and Limits

Channel	Frequency (MHz)	Min 26 dB BW (MHz)	Directional Gain for Power (dBi)	Directional Gain for PSD (dBi)	Power Limit (dBm)	PSD Limit (dBm/ 1MHz)
Low	5510	44.56	-3.15	-0.68	24.00	11.00
Mid	5590	45.12	-3.15	-0.68	24.00	11.00
High	5670	45.04	-3.15	-0.68	24.00	11.00
142	5710	37.48	-3.15	-0.68	24.00	11.00

Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd PSD
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Output Power Results

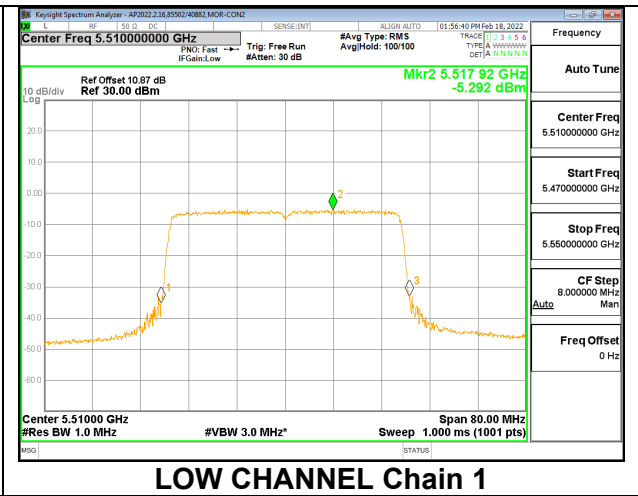
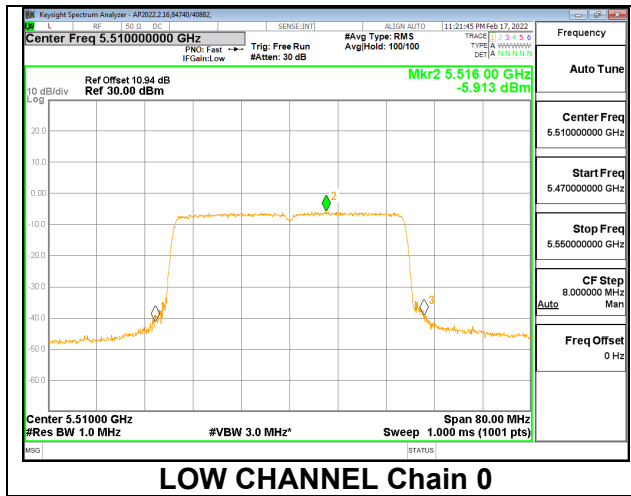
Channel	Frequency (MHz)	Chain 0 Meas Power (dBm)	Chain 1 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5510	10.44	10.95	13.71	24.00	-10.29
Mid	5590	10.70	10.63	13.68	24.00	-10.32
High	5670	10.43	10.38	13.42	24.00	-10.58
142	5710	10.60	10.30	13.46	24.00	-10.54

PSD Results

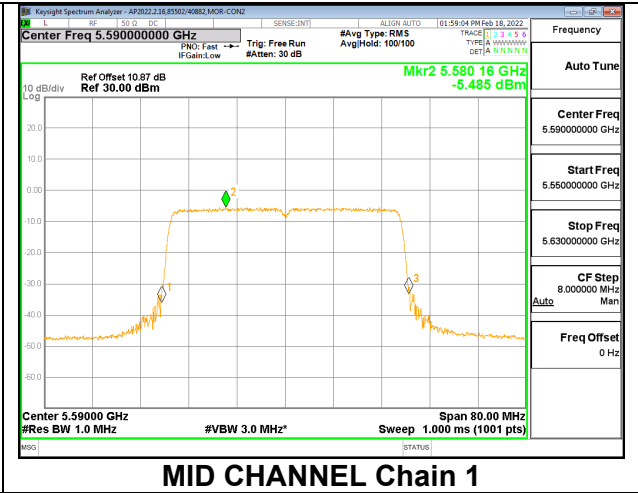
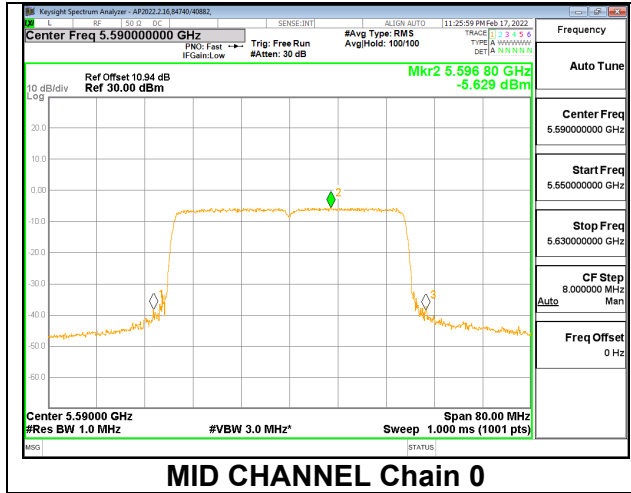
Channel	Frequency (MHz)	Chain 0 Meas PSD (dBm/ 1MHz)	Chain 1 Meas PSD (dBm/ 1MHz)	Total Corr'd PSD (dBm/ 1MHz)	PSD Limit (dBm/ 1MHz)	PSD Margin (dB)
Low	5510	-5.91	-5.29	-2.58	11.00	-13.58
Mid	5590	-5.63	-5.49	-2.55	11.00	-13.55
High	5670	-5.62	-5.51	-2.56	11.00	-13.56
142	5710	-5.09	-5.50	-2.28	11.00	-13.28

Note – HE40 484T was worst-case when compared to HE40 SU. Therefore 484T represented SU.

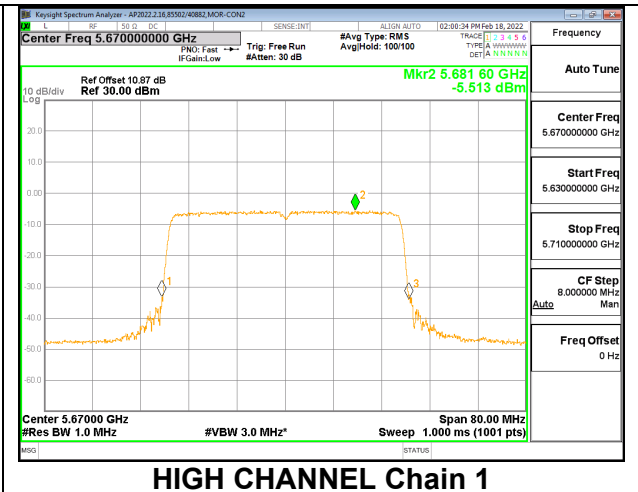
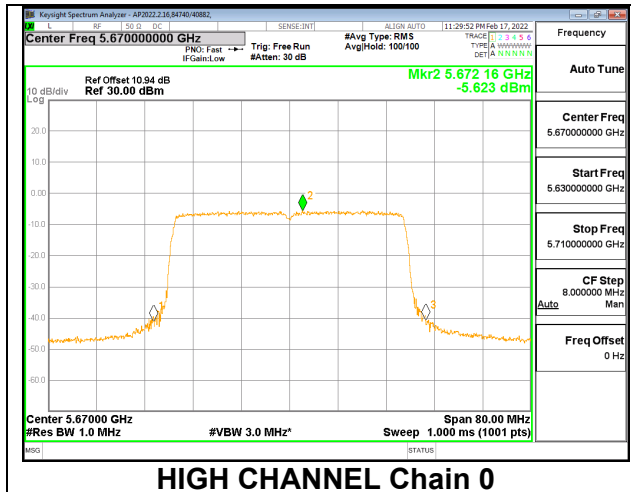
LOW



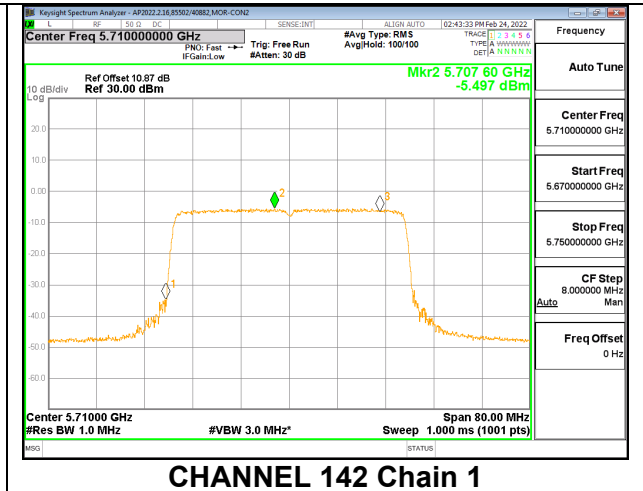
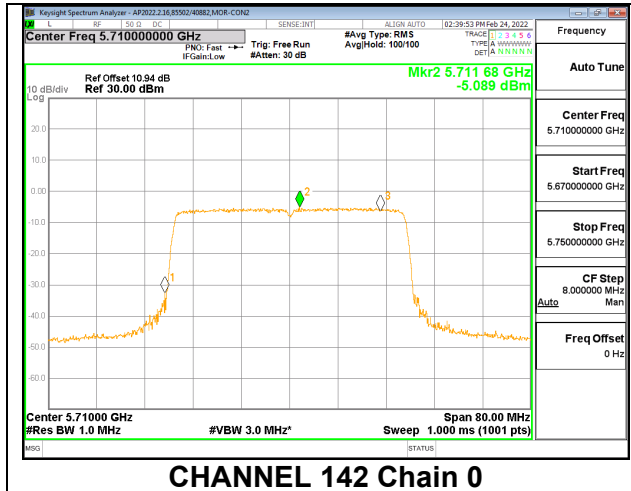
MID



HIGH



CHANNEL 142



9.3.3. 802.11ax HE80 MODE 2TX IN THE 5.6GHz BAND

2TX Chain 0 + Chain 1 CDD OFDMA MODE: 996-Tones, RU Index 67

Test Engineer:	84740/40882, 85502/40882
Test Date:	2022-02-17, 2022-02-18

Bandwidth, Antenna Gain, and Limits

Channel	Frequency (MHz)	Min 26 dB BW (MHz)	Directional Gain for Power (dBi)	Directional Gain for PSD (dBi)	Power Limit (dBm)	PSD Limit (dBm/ 1MHz)
Low	5530	89.76	-3.15	-0.68	24.00	11.00
High	5610	88.96	-3.15	-0.68	24.00	11.00
138	5690	80.44	-3.15	-0.68	24.00	11.00

Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd PSD
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Output Power Results

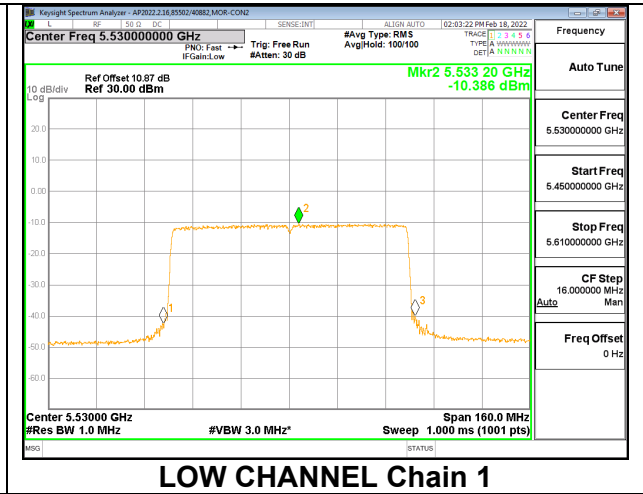
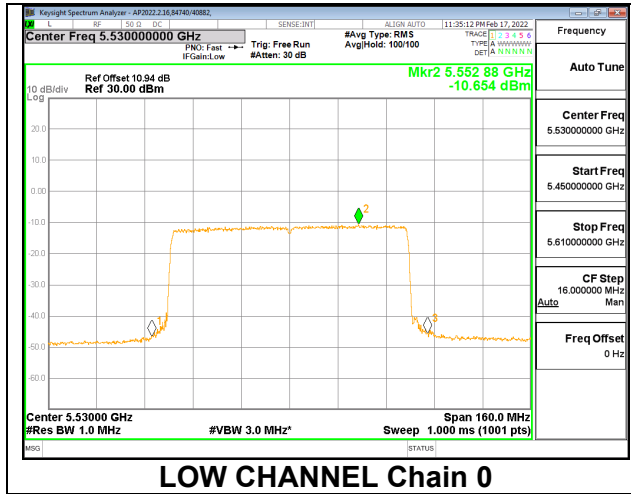
Channel	Frequency (MHz)	Chain 0 Meas Power (dBm)	Chain 1 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Low	5530	8.39	8.67	11.54	24.00	-12.46
High	5610	10.72	10.43	13.59	24.00	-10.41
138	5690	10.64	10.27	13.47	24.00	-10.53

PSD Results

Channel	Frequency (MHz)	Chain 0 Meas PSD (dBm/ 1MHz)	Chain 1 Meas PSD (dBm/ 1MHz)	Total Corr'd PSD (dBm/ 1MHz)	PSD Limit (dBm/ 1MHz)	PSD Margin (dB)
Low	5530	-10.65	-10.39	-7.51	11.00	-18.51
High	5610	-8.49	-8.50	-5.48	11.00	-16.48
138	5690	-8.31	-8.28	-5.28	11.00	-16.28

Note – HE80 996T was worst-case when compared to HE80 SU. Therefore 996T represented SU.

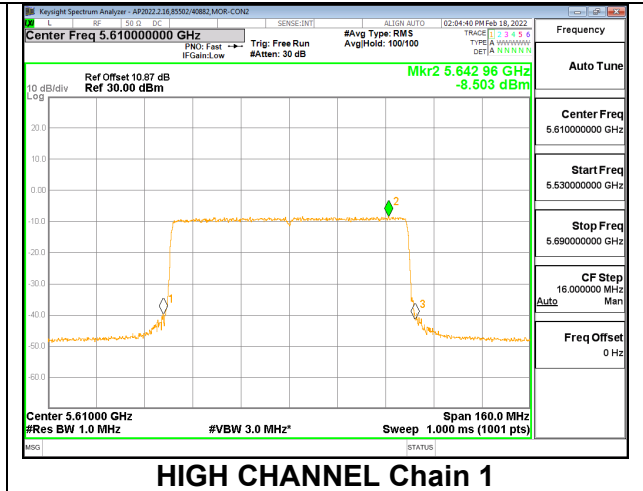
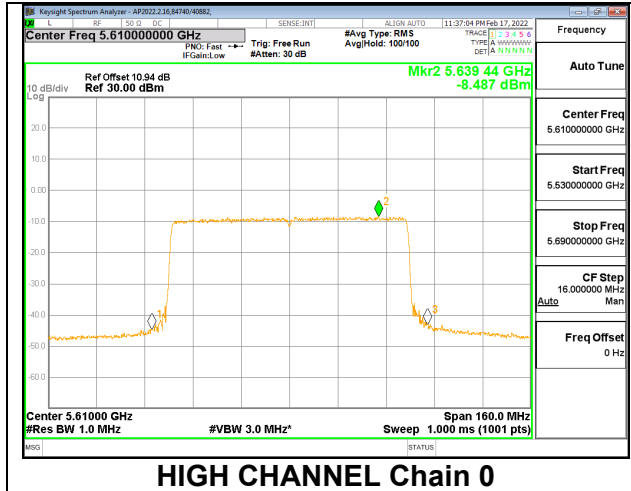
LOW



LOW CHANNEL Chain 0

LOW CHANNEL Chain 1

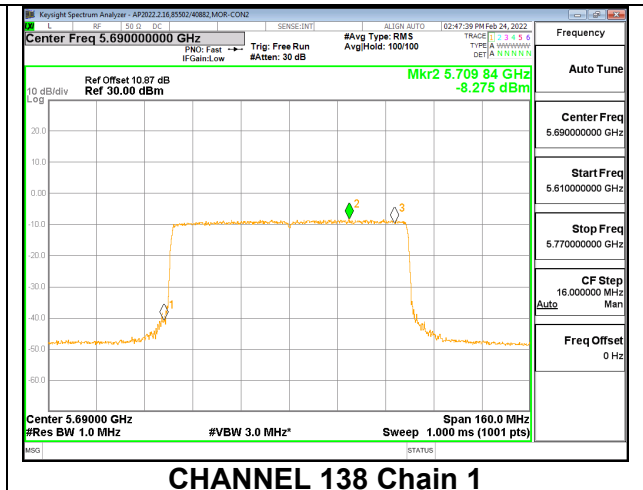
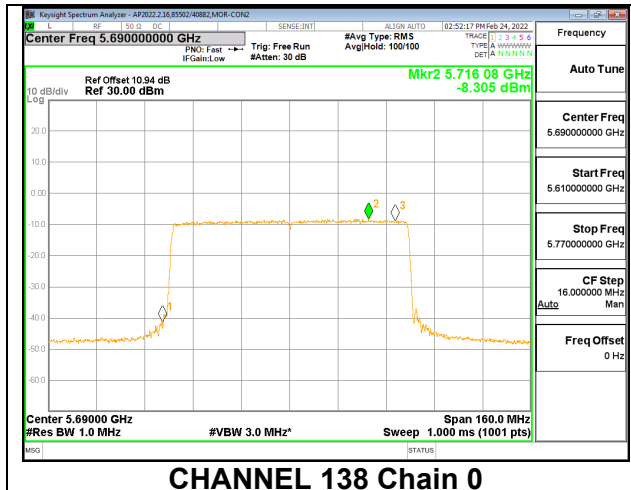
HIGH



HIGH CHANNEL Chain 0

HIGH CHANNEL Chain 1

CHANNEL 138



CHANNEL 138 Chain 0

CHANNEL 138 Chain 1

9.3.4. 802.11ax HE160 MODE 2TX IN THE 5.6GHz BAND

2TX Chain 0 + Chain 1 CDD OFDMA MODE: 484-Tones, RU Index 65

Test Engineer:	84740/40882, 85502/40882
Test Date:	2022-02-17, 2022-02-18

Bandwidth, Antenna Gain, and Limits

Channel	Frequency (MHz)	Min 26 dB BW (MHz)	Directional Gain for Power (dBi)	Directional Gain for PSD (dBi)	Power Limit (dBm)	PSD Limit (dBm/ 1MHz)
Mid	5570	172.16	-3.15	-0.68	24.00	11.00

Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd PSD
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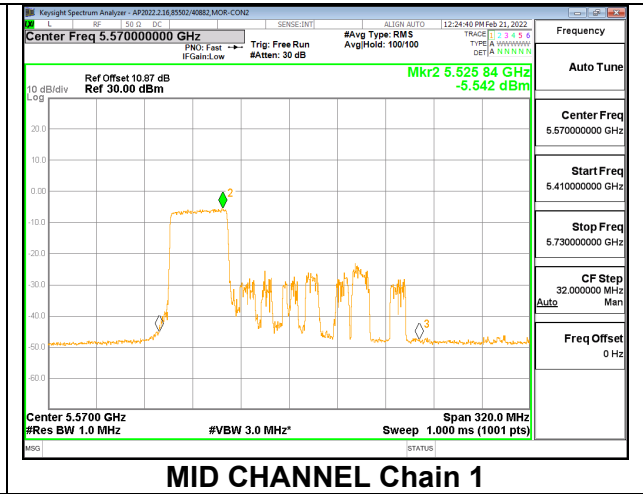
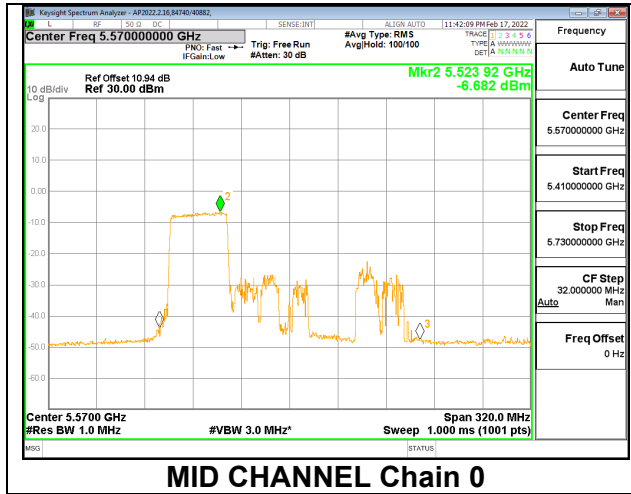
Output Power Results

Channel	Frequency (MHz)	Chain 0 Meas Power (dBm)	Chain 1 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Mid	5570	9.65	10.54	13.13	24.00	-10.87

PSD Results

Channel	Frequency (MHz)	Chain 0 Meas PSD (dBm/ 1MHz)	Chain 1 Meas PSD (dBm/ 1MHz)	Total Corr'd PSD (dBm/ 1MHz)	PSD Limit (dBm/ 1MHz)	PSD Margin (dB)
Mid	5570	-6.68	-5.54	-3.06	11.00	-14.06

MID



2TX Chain 0 + Chain 1 CDD OFDMA MODE: 484-Tones, RU Index 66

Test Engineer:	84740/40882, 85502/40882
Test Date:	2022-02-17, 2022-02-18

Bandwidth, Antenna Gain, and Limits

Channel	Frequency (MHz)	Min 26 dB BW (MHz)	Directional Gain for Power (dBi)	Directional Gain for PSD (dBi)	Power Limit (dBm)	PSD Limit (dBm/ 1MHz)
Mid	5570	165.12	-3.15	-0.68	24.00	11.00

Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd PSD
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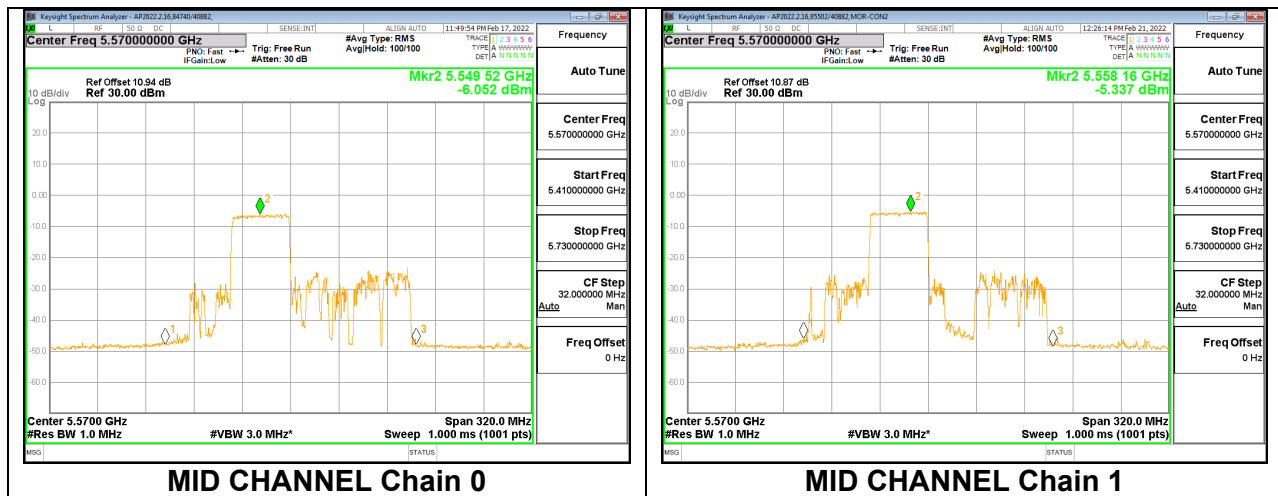
Output Power Results

Channel	Frequency (MHz)	Chain 0 Meas Power (dBm)	Chain 1 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Mid	5570	10.12	10.84	13.51	24.00	-10.49

PSD Results

Channel	Frequency (MHz)	Chain 0 Meas PSD (dBm/ 1MHz)	Chain 1 Meas PSD (dBm/ 1MHz)	Total Corr'd PSD (dBm/ 1MHz)	PSD Limit (dBm/ 1MHz)	PSD Margin (dB)
Mid	5570	-6.05	-5.34	-2.67	11.00	-13.67

MID



2TX Chain 0 + Chain 1 CDD OFDMA MODE: 484-Tones, RU Index S66

Test Engineer:	84740/40882, 85502/40882
Test Date:	2022-02-17, 2022-02-18

Bandwidth, Antenna Gain, and Limits

Channel	Frequency (MHz)	Min 26 dB BW (MHz)	Directional Gain for Power (dBi)	Directional Gain for PSD (dBi)	Power Limit (dBm)	PSD Limit (dBm/ 1MHz)
Mid	5570	168.64	-3.15	-0.68	24.00	11.00

Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd PSD
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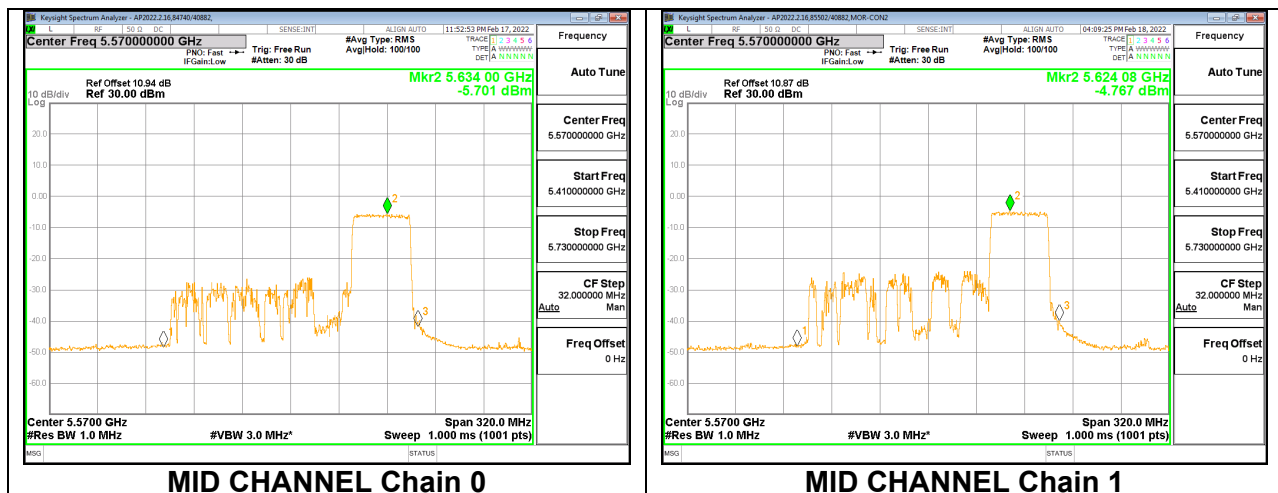
Output Power Results

Channel	Frequency (MHz)	Chain 0 Meas Power (dBm)	Chain 1 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Mid	5570	10.45	10.75	13.61	24.00	-10.39

PSD Results

Channel	Frequency (MHz)	Chain 0 Meas PSD (dBm/ 1MHz)	Chain 1 Meas PSD (dBm/ 1MHz)	Total Corr'd PSD (dBm/ 1MHz)	PSD Limit (dBm/ 1MHz)	PSD Margin (dB)
Mid	5570	-5.70	-4.77	-2.20	11.00	-13.20

MID



2TX Chain 0 + Chain 1 CDD OFDMA MODE: 996-Tones, RU Index 67

Test Engineer:	84740/40882, 85502/40882
Test Date:	2022-02-17, 2022-02-18

Bandwidth, Antenna Gain, and Limits

Channel	Frequency (MHz)	Min 26 dB BW (MHz)	Directional Gain for Power (dBi)	Directional Gain for PSD (dBi)	Power Limit (dBm)	PSD Limit (dBm/1MHz)
Mid	5570	173.76	-3.15	-0.68	24.00	11.00

Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd PSD
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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)
Mid	5570	9.79	10.52	13.18	24.00	-10.82

PSD Results

Channel	Frequency (MHz)	Chain 0 Meas PSD (dBm/1MHz)	Chain 1 Meas PSD (dBm/1MHz)	Total Corr'd PSD (dBm/1MHz)	PSD Limit (dBm/1MHz)	PSD Margin (dB)
Mid	5570	-9.31	-8.29	-5.76	11.00	-16.76

MID



2TX Chain 0 + Chain 1 CDD OFDMA MODE: 996-Tones, RU Index S67

Test Engineer:	84740/40882, 85502/40882
Test Date:	2022-02-17, 2022-02-18

Bandwidth, Antenna Gain, and Limits

Channel	Frequency (MHz)	Min 26 dB BW (MHz)	Directional Gain for Power (dBi)	Directional Gain for PSD (dBi)	Power Limit (dBm)	PSD Limit (dBm/1MHz)
Mid	5570	169.60	-3.15	-0.68	24.00	11.00

Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd PSD
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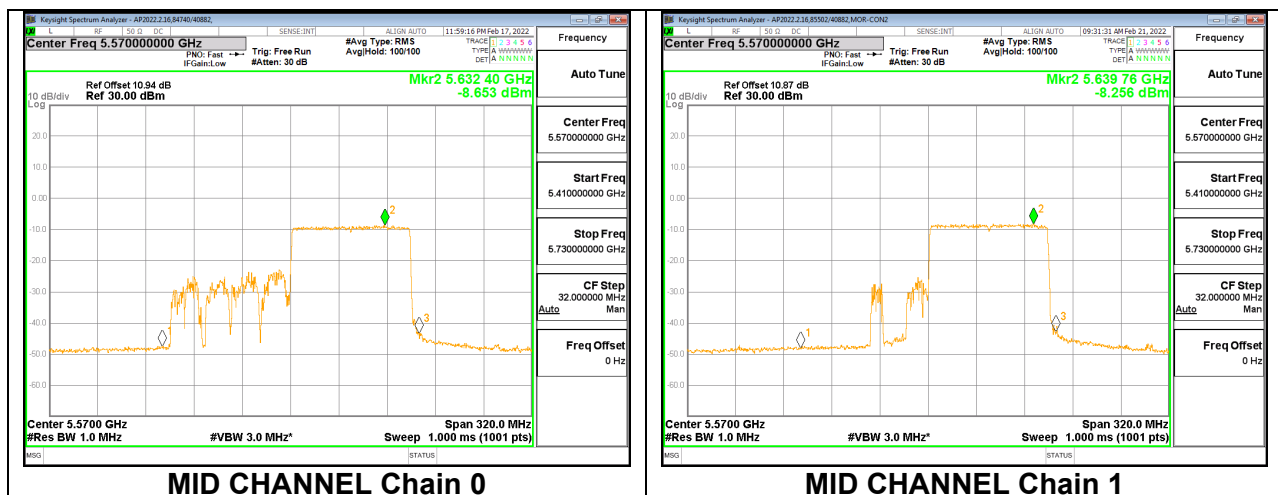
Output Power Results

Channel	Frequency (MHz)	Chain 0 Meas Power (dBm)	Chain 1 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Mid	5570	10.20	10.76	13.50	24.00	-10.50

PSD Results

Channel	Frequency (MHz)	Chain 0 Meas PSD (dBm/1MHz)	Chain 1 Meas PSD (dBm/1MHz)	Total Corr'd PSD (dBm/1MHz)	PSD Limit (dBm/1MHz)	PSD Margin (dB)
Mid	5570	-8.65	-8.26	-5.44	11.00	-16.44

MID



2TX Chain 0 + Chain 1 CDD OFDMA MODE: 2x 996-Tones, Index 68

Test Engineer:	85502/40882 84740/40882
Test Date:	2022-02-17, 2022-02-25

Bandwidth, Antenna Gain, and Limits

Channel	Frequency (MHz)	Min 26 dB BW (MHz)	Directional Gain for Power (dBi)	Directional Gain for PSD (dBi)	Power Limit (dBm)	PSD Limit (dBm/ 1MHz)
Mid	5570	236.00	-3.15	-0.68	24.00	11.00

Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd PSD
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Output Power Results

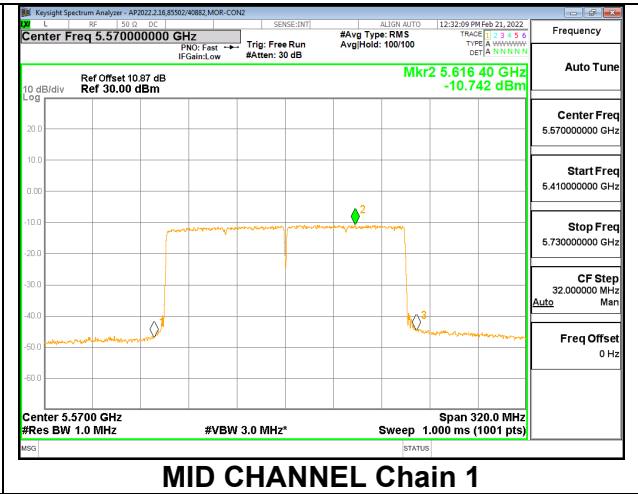
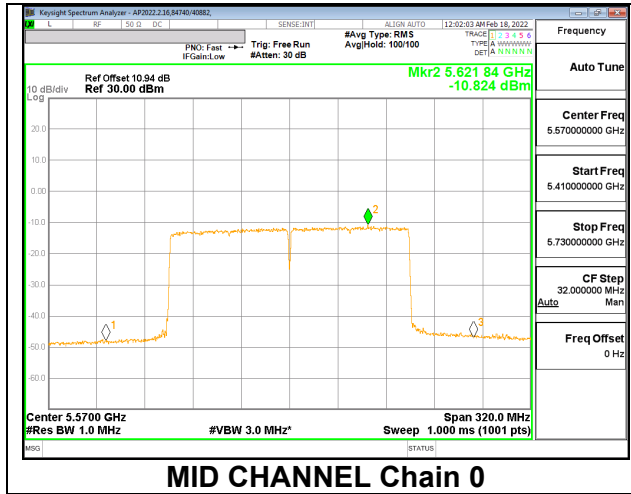
Channel	Frequency (MHz)	Chain 0 Meas Power (dBm)	Chain 1 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Mid	5570	10.12	10.93	13.55	24.00	-10.45

PSD Results

Channel	Frequency (MHz)	Chain 0 Meas PSD (dBm/ 1MHz)	Chain 1 Meas PSD (dBm/ 1MHz)	Total Corr'd PSD (dBm/ 1MHz)	PSD Limit (dBm/ 1MHz)	PSD Margin (dB)
Mid	5570	-10.82	-10.74	-7.77	11.00	-18.77

Note – HE160 2x996T was worst-case when compared to HE160 SU. Therefore 2x996T represented SU.

MID



10. RADIATED TEST RESULTS

LIMITS

FCC §15.205 and §15.209 -Restricted bands

FCC §15.407(b)(1-3) -Un-Restricted 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 1.5 m above the ground plane for measurement above 1GHz. The antenna to EUT distance is 3 meters. The EUT is configured in accordance with ANSI C63.10. The EUT is set to transmit in a continuous mode.

For pre-scans above 1 GHz the resolution bandwidth is set to 1 MHz; the video bandwidth is set to 30 KHz for peak measurements.

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

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

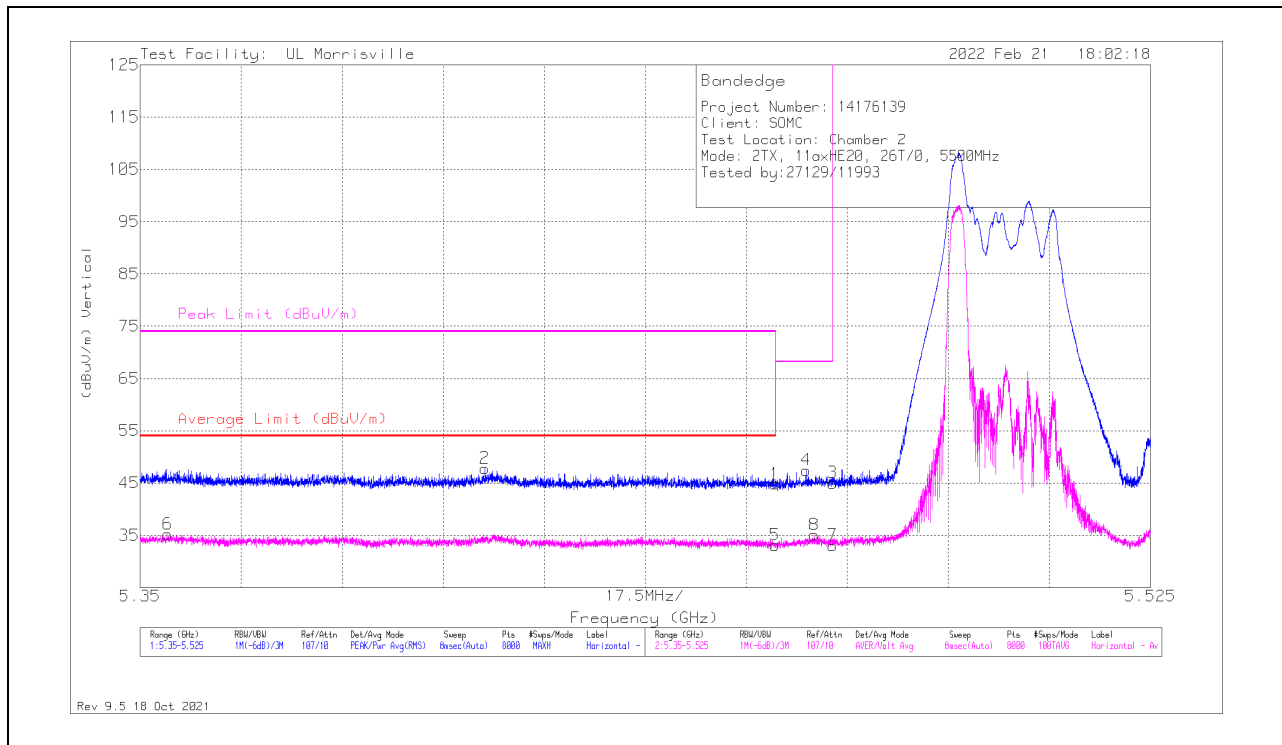
10.1. TRANSMITTER ABOVE 1 GHz

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

2TX Chain 0 + Chain 1 OFDMA MODE: 26-Tones, RU Index 0

BANDEDGE (LOW CHANNEL)

HORIZONTAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AT0072 (dB/m)	Amp/Cbl/Pad (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* ** 5.45998	33.54	Pk	34.6	-23.3	44.84	-	-	74	-29.16	343	195	H
2	* ** 5.40971	35.91	Pk	34.5	-22.6	47.81	-	-	74	-26.19	343	195	H
5	* ** 5.45998	21.81	ADV	34.6	-23.3	33.11	54	-20.89	-	-	343	195	H
6	* ** 5.35479	23.31	ADV	34.5	-22.6	35.21	54	-18.79	-	-	343	195	H
4	5.46536	35.76	Pk	34.6	-22.9	47.46	-	-	68.2	-20.74	343	195	H
8	5.46676	23.29	ADV	34.6	-22.8	35.09	-	-	-	-	343	195	H
3	5.46998	33.42	Pk	34.6	-23	45.02	-	-	68.2	-23.18	343	195	H
7	5.46998	21.45	ADV	34.6	-23	33.05	-	-	-	-	343	195	H

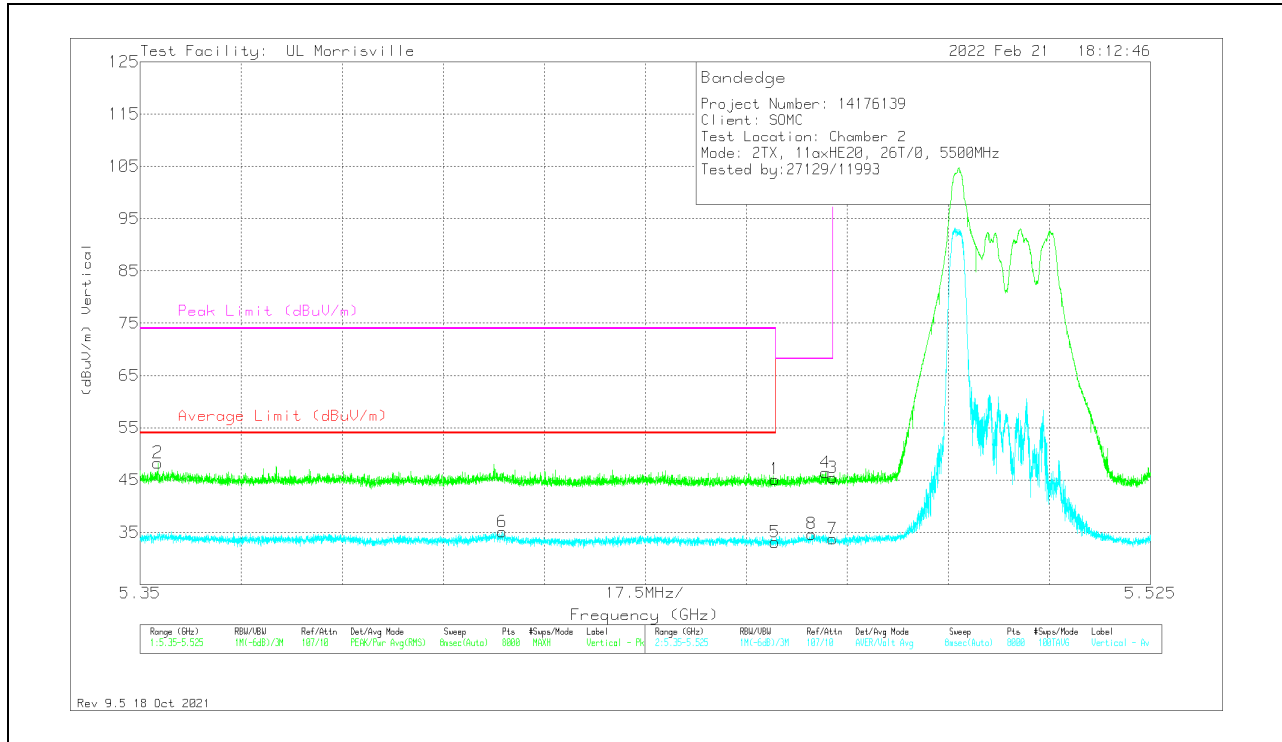
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

** - indicates frequency in Taiwan NCC LP0002 Restricted Band

Pk - Peak detector

ADV - Linear Voltage Average

VERTICAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AT0072 (dB/m)	Amp/Cbl/Pad (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* ** 5.45998	33.84	Pk	34.6	-23.3	45.14	-	-	74	-28.86	182	362	V
2	* ** 5.35306	36.37	Pk	34.5	-22.6	48.27	-	-	74	-25.73	182	362	V
5	* ** 5.45998	21.81	ADV	34.6	-23.3	33.11	54	-20.89	-	-	182	362	V
6	* ** 5.4127	23.19	ADV	34.5	-22.6	35.09	54	-18.91	-	-	182	362	V
8	5.46633	22.87	ADV	34.6	-22.8	34.67	-	-	-	-	182	362	V
4	5.46869	34.72	Pk	34.6	-22.9	46.42	-	-	68.2	-21.78	182	362	V
3	5.46998	33.82	Pk	34.6	-23	45.42	-	-	68.2	-22.78	182	362	V
7	5.46998	22.13	ADV	34.6	-23	33.73	-	-	-	-	182	362	V

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

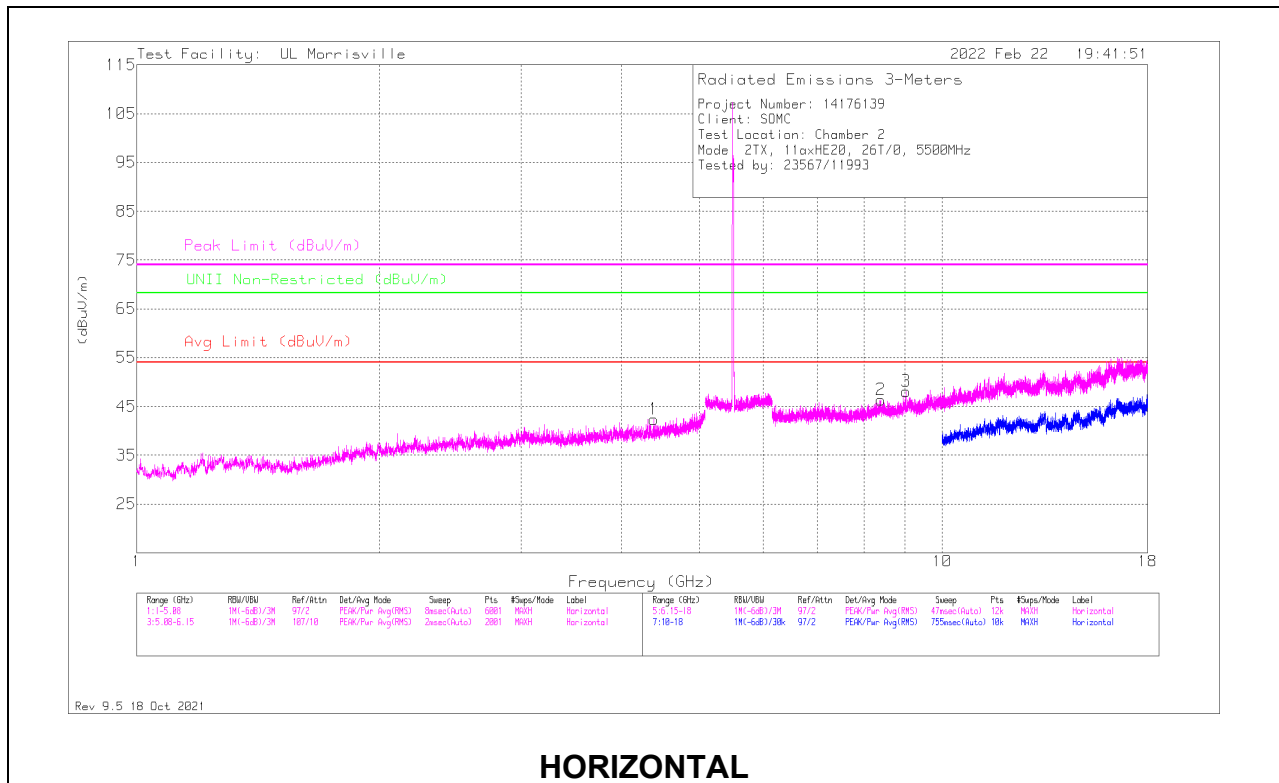
** - indicates frequency in Taiwan NCC LP0002 Restricted Band

Pk - Peak detector

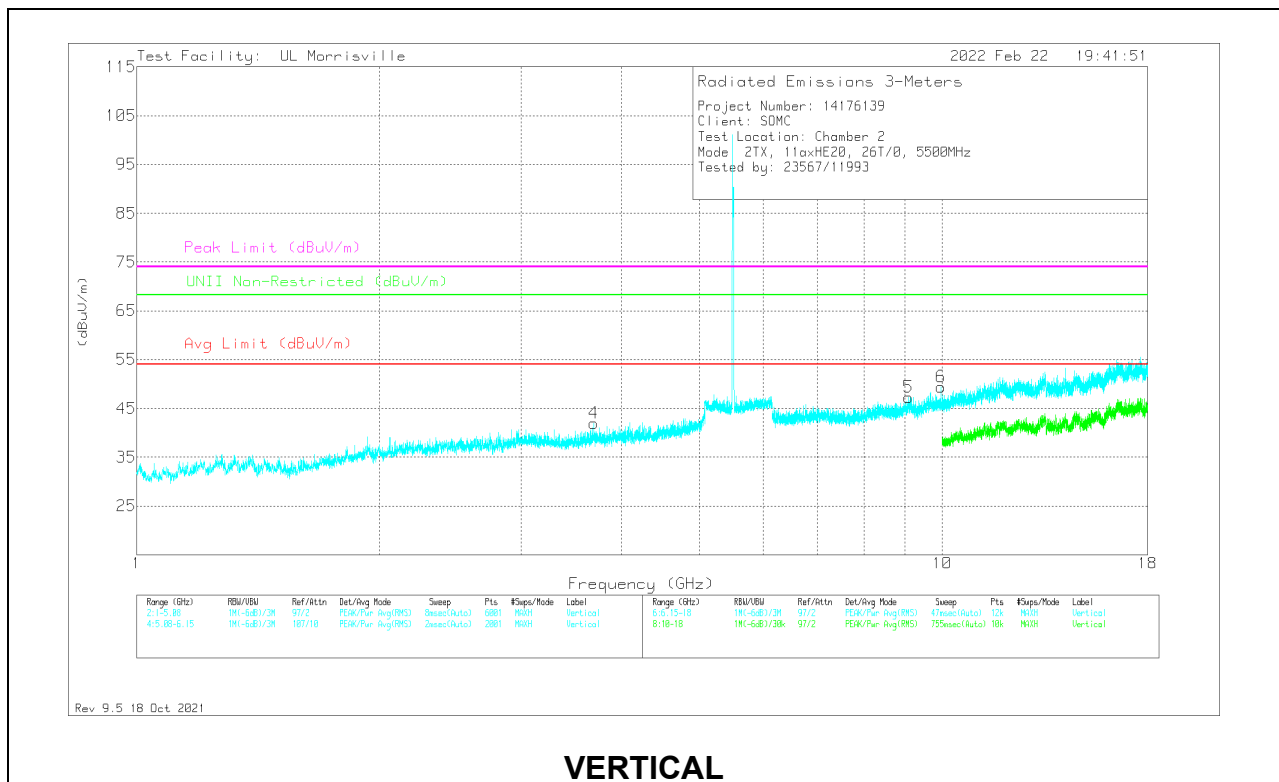
ADV - Linear Voltage Average

HARMONICS AND SPURIOUS EMISSIONS

LOW



HORIZONTAL



VERTICAL

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AT0072 (dB/m)	Amp/Cbl/Filtr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* ** 4.38708	39.78	Pk	33.6	-31	42.38	54	-11.62	74	-31.62	-	-	0-360	199	H
4	* ** 3.6962	39.91	Pk	33.4	-31.4	41.91	54	-12.09	74	-32.09	-	-	0-360	199	V
2	* ** 8.39558	36.9	Pk	35.9	-26.5	46.3	54	-7.7	74	-27.7	-	-	0-360	200	H
3	* ** 9.01814	37.87	PK-U	36.2	-26.8	47.27	-	-	74	-26.73	-	-	217	164	H
	* ** 9.01803	25.44	ADV	36.2	-26.7	34.94	54	-19.06	-	-	-	-	217	164	H
5	* ** 9.07991	37.06	Pk	36.3	-26.1	47.26	54	-6.74	74	-26.74	-	-	0-360	101	V
6	9.97259	37.18	PK-U	37	-25.4	48.78	-	-	-	-	68.2	-19.42	253	290	V

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

** - indicates frequency in Taiwan NCC LP0002 Restricted Band

Pk - Peak detector

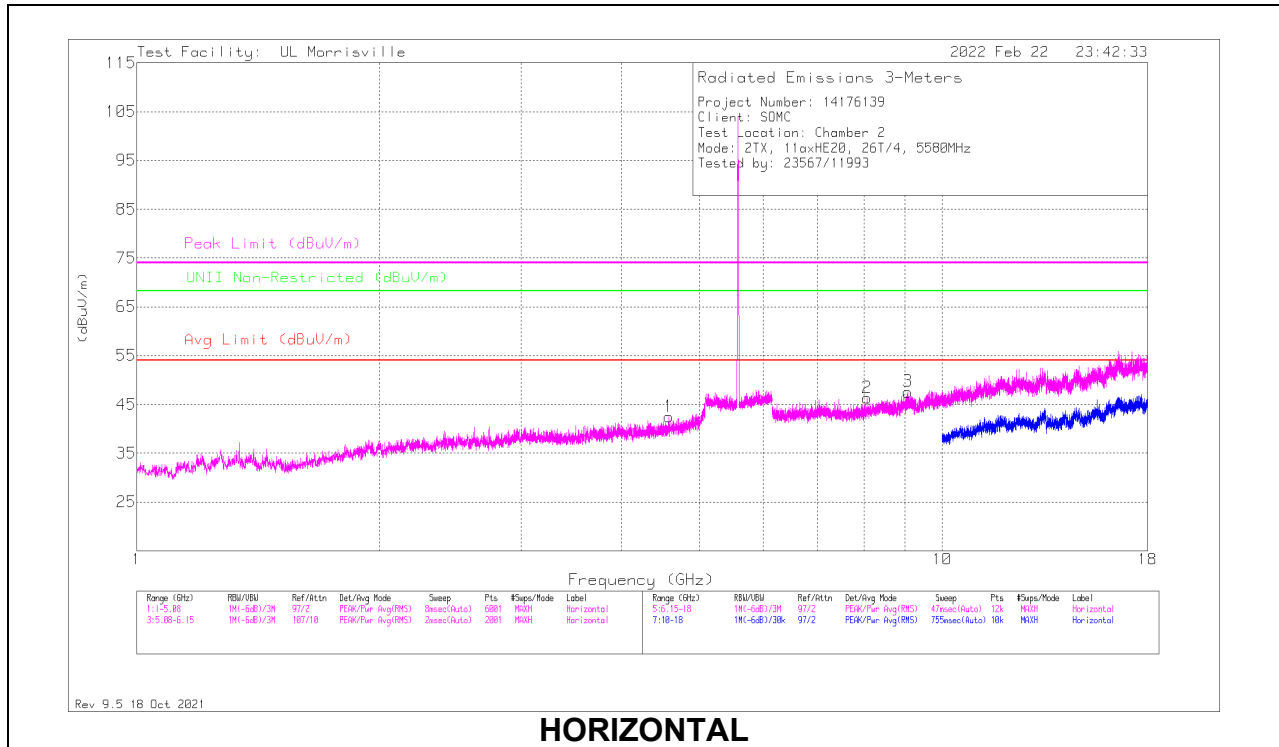
PK-U - Maximum Peak

ADV - Linear Voltage Average

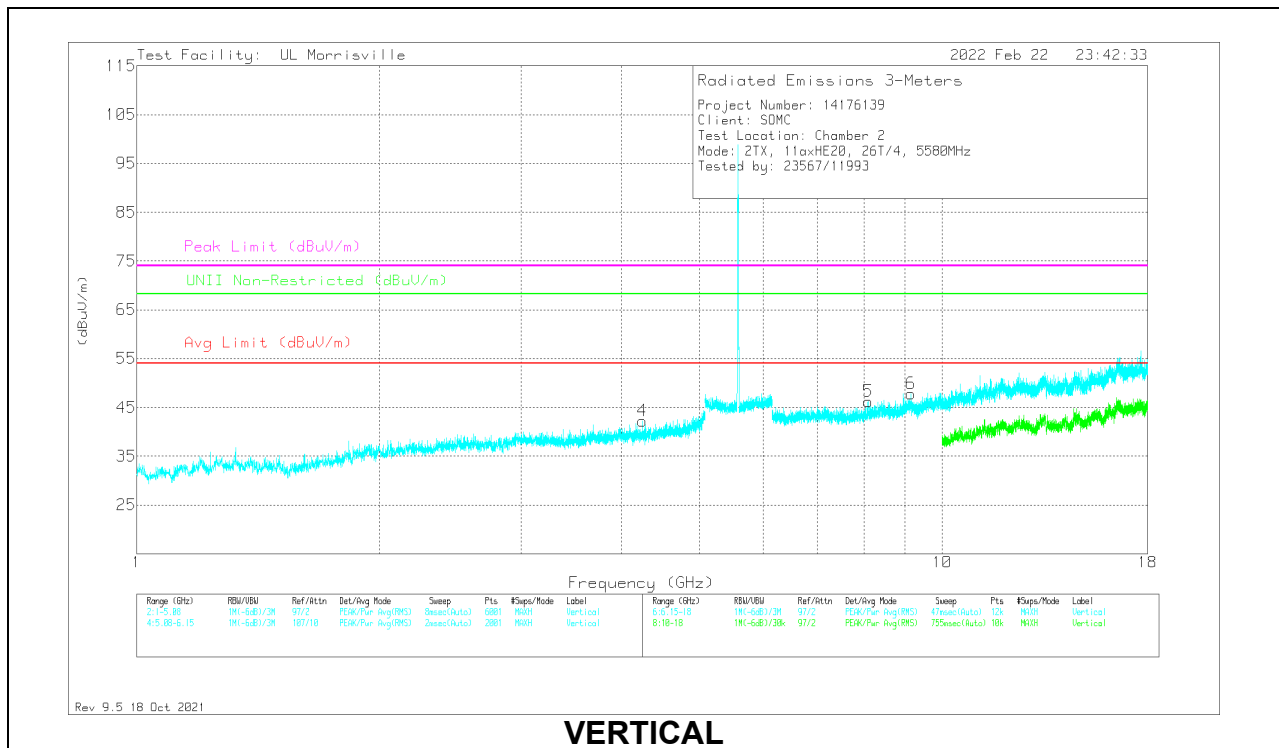
2TX Chain 0 + Chain 1 OFDMA MODE: 26-Tones, RU Index 4

HARMONICS AND SPURIOUS EMISSIONS

MID



HORIZONTAL



VERTICAL

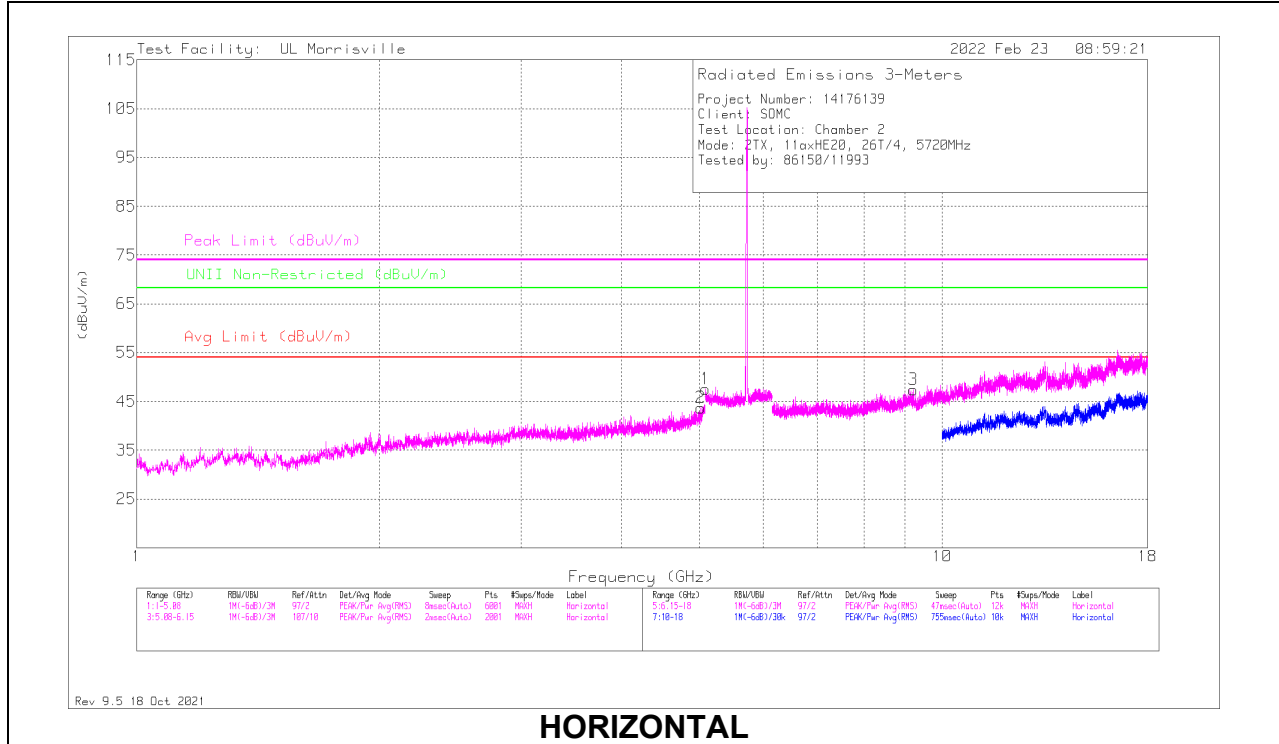
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AT0072 (dB/m)	Amp/Cbl/Fltr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* ** 4.58156	39.17	Pk	34.1	-30.8	42.47	54	-11.53	74	-31.53	-	-	0-360	199	H
4	* ** 4.247	39.46	Pk	33.7	-31	42.16	54	-11.84	74	-31.84	-	-	0-360	199	V
2	* ** 8.06773	37.41	Pk	35.8	-26.9	46.31	54	-7.69	74	-27.69	-	-	0-360	101	H
3	* ** 9.06708	37.4	Pk	36.3	-26.1	47.6	54	-6.4	74	-26.4	-	-	0-360	101	H
5	* ** 8.09834	36.99	Pk	35.9	-26.7	46.19	54	-7.81	74	-27.81	-	-	0-360	199	V
6	* ** 9.15299	37.33	Pk	36.3	-25.8	47.83	54	-6.17	74	-26.17	-	-	0-360	101	V

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

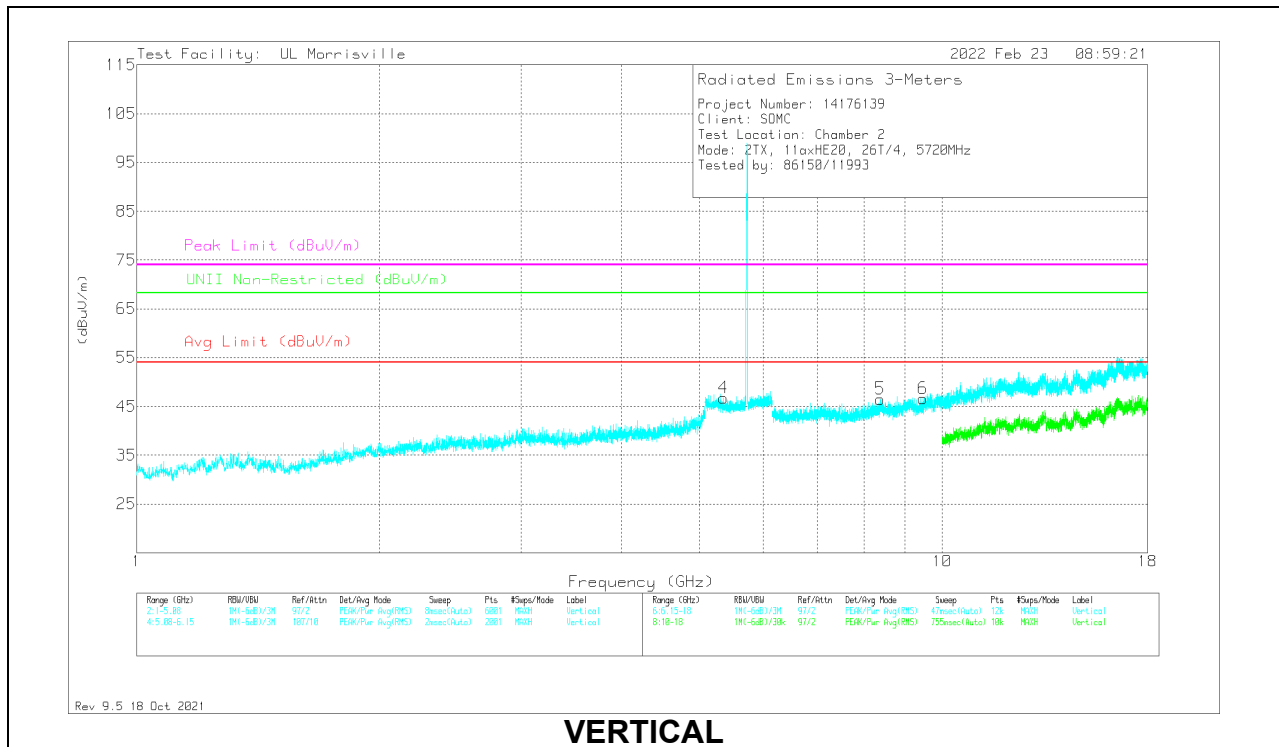
** - indicates frequency in Taiwan NCC LP0002 Restricted Band

Pk - Peak detector

CHANNEL 144



HORIZONTAL



VERTICAL

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AT0072 (dB/m)	Amp/Cbl/Fltr (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
2	* ** 5.01132	38.59	Pk	34.2	-29.1	43.69	54	-10.31	74	-30.31	-	-	0-360	200	H
5	* ** 8.38076	37.23	Pk	35.8	-26.5	46.53	54	-7.47	74	-27.47	-	-	0-360	101	V
6	* ** 9.47294	36.17	Pk	36.6	-26.2	46.57	54	-7.43	74	-27.43	-	-	0-360	199	V
3	9.21816	37.12	Pk	36.4	-26.1	47.42	54	-	74	-	68.2	-20.78	0-360	199	H
1	* ** 5.08482	35.2	Pk	34.4	-22.1	47.5	54	-6.5	74	-26.5	-	-	0-360	200	H
4	* ** 5.35232	34.99	Pk	34.5	-22.7	46.79	54	-7.21	74	-27.21	-	-	0-360	101	V

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

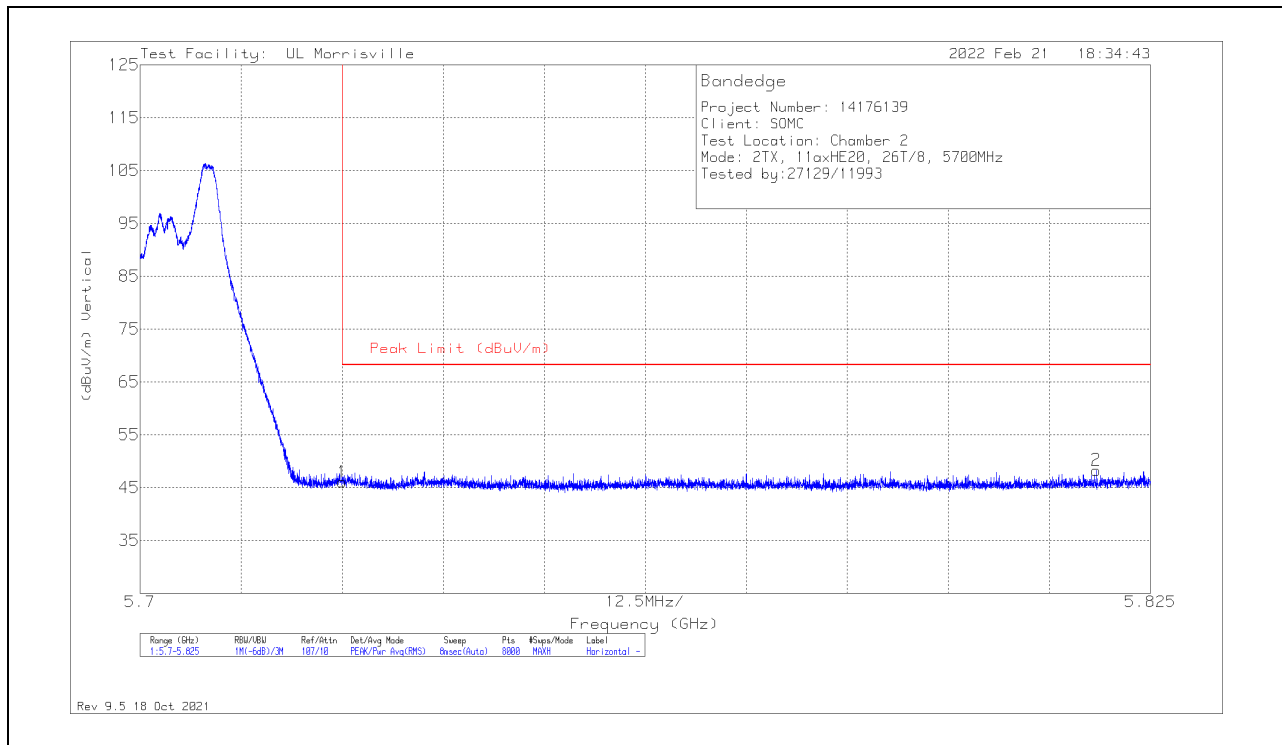
** - indicates frequency in Taiwan NCC LP0002 Restricted Band

Pk - Peak detector

2TX Chain 0 + Chain 1 OFDMA MODE: 26-Tones, RU Index 8

BANDEDGE (HIGH CHANNEL)

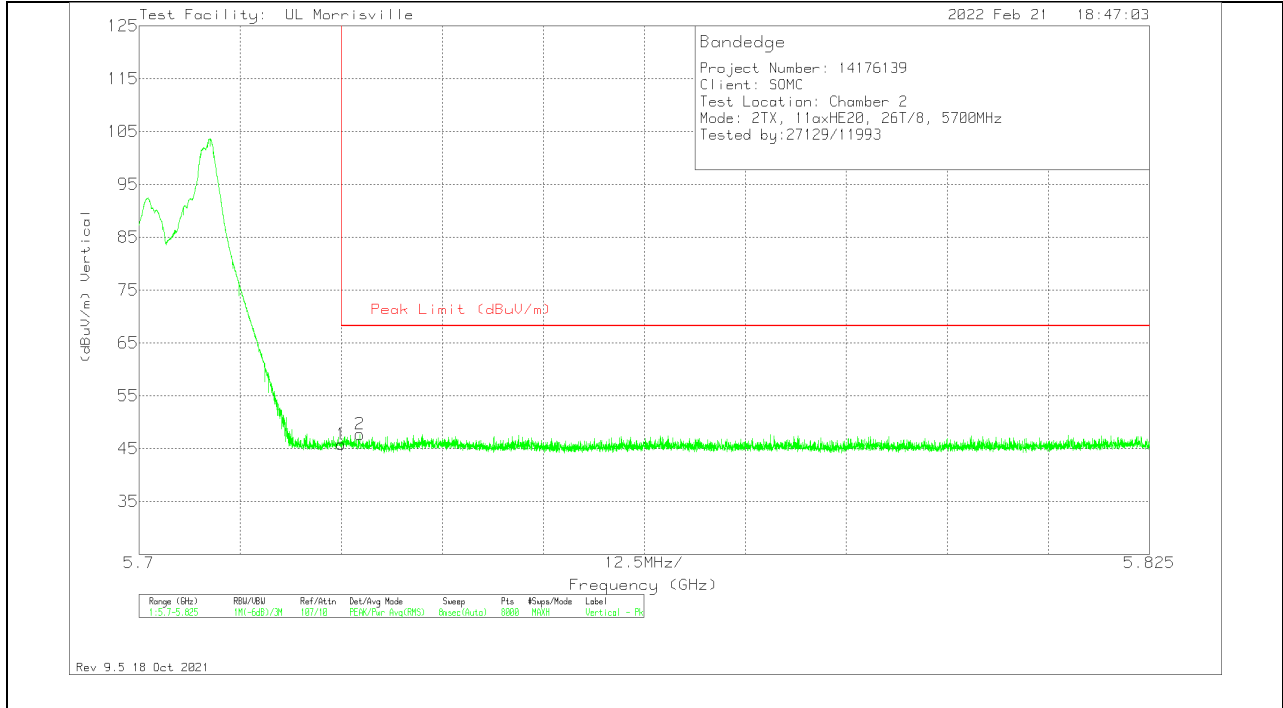
HORIZONTAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AT0072 (dB/m)	Amp/Cbl/Pad (dB)	Corrected Reading (dBuV/m)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.725	33.85	Pk	34.8	-22.6	46.05	68.2	-22.15	79	178	H
2	5.81828	35.87	Pk	35.1	-22.7	48.27	68.2	-19.93	79	178	H

Pk - Peak detector

VERTICAL RESULT

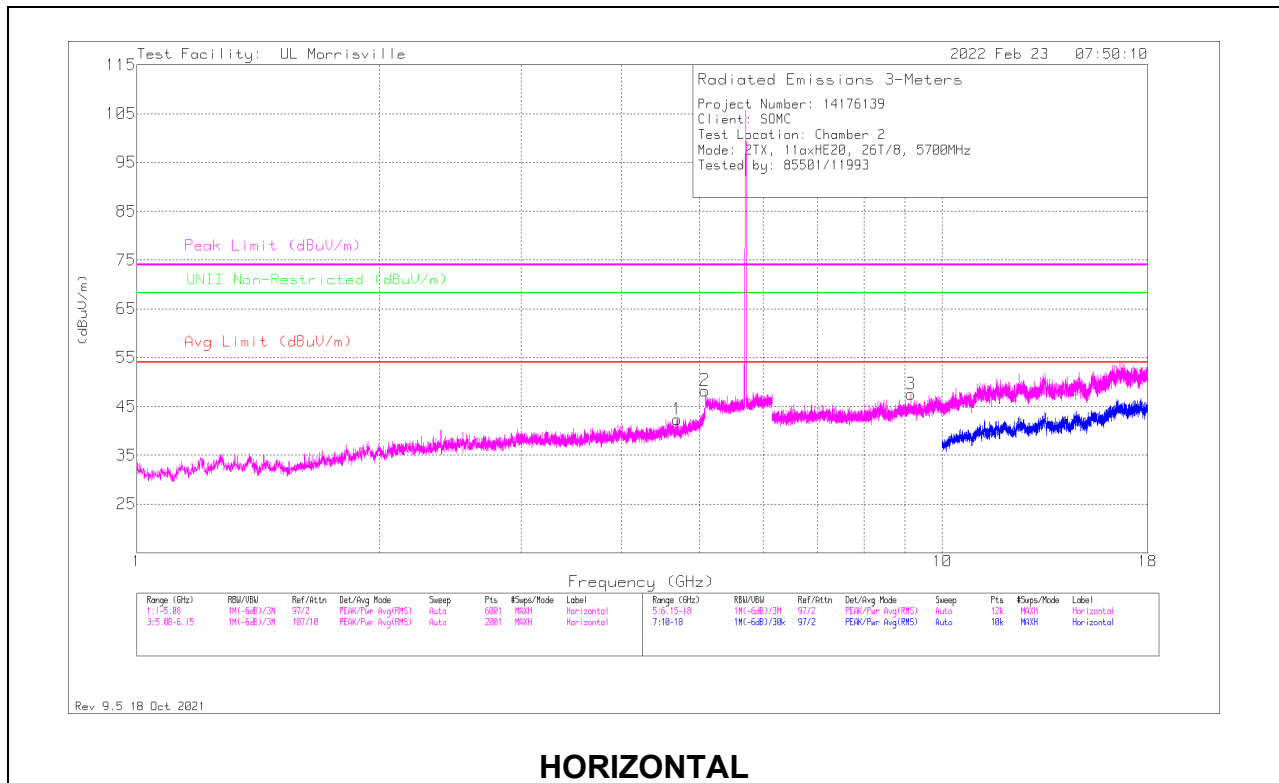


Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AT0072 (dB/m)	Amp/Cbl/Pad (dB)	Corrected Reading (dBuV/m)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.725	33.62	Pk	34.8	-22.6	45.82	68.2	-22.38	163	254	V
2	5.7273	35.6	Pk	34.8	-22.7	47.7	68.2	-20.5	163	254	V

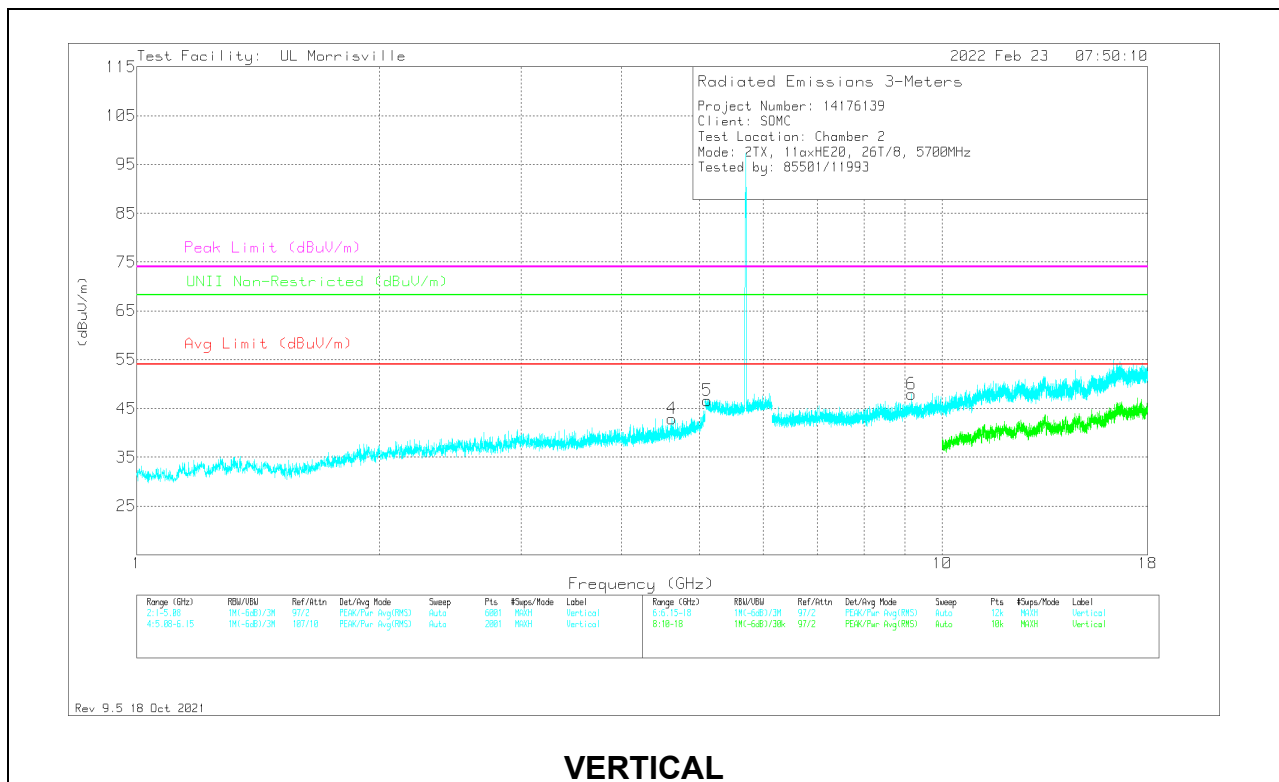
Pk - Peak detector

HARMONICS AND SPURIOUS EMISSIONS

HIGH



HORIZONTAL



VERTICAL

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AT0072 (dB/m)	Amp/Cbl/Filtr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	*** 4.68764	38.23	Pk	34	-29.9	42.33	54	-11.67	74	-31.67	-	-	0-360	199	H
4	*** 4.61998	39.29	Pk	34.1	-30.5	42.89	54	-11.11	74	-31.11	-	-	0-360	101	V
3	*** 9.15003	37.13	Pk	36.3	-25.9	47.53	54	-6.47	74	-26.47	-	-	0-360	200	H
6	*** 9.16681	38.05	Pk	36.3	-26.4	47.95	54	-6.05	74	-26.05	-	-	0-360	200	V
2	*** 5.08012	35.4	PK-U	34.4	-22.1	47.7	-	-	74	-26.3	-	-	334	140	H
	*** 5.08184	23.31	ADV	34.4	-22.1	35.61	54	-18.39	-	-	-	-	334	140	H
5	*** 5.11371	34.73	Pk	34.3	-22.4	46.63	54	-7.37	74	-27.37	-	-	0-360	101	V

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

** - indicates frequency in Taiwan NCC LP0002 Restricted Band

Pk - Peak detector

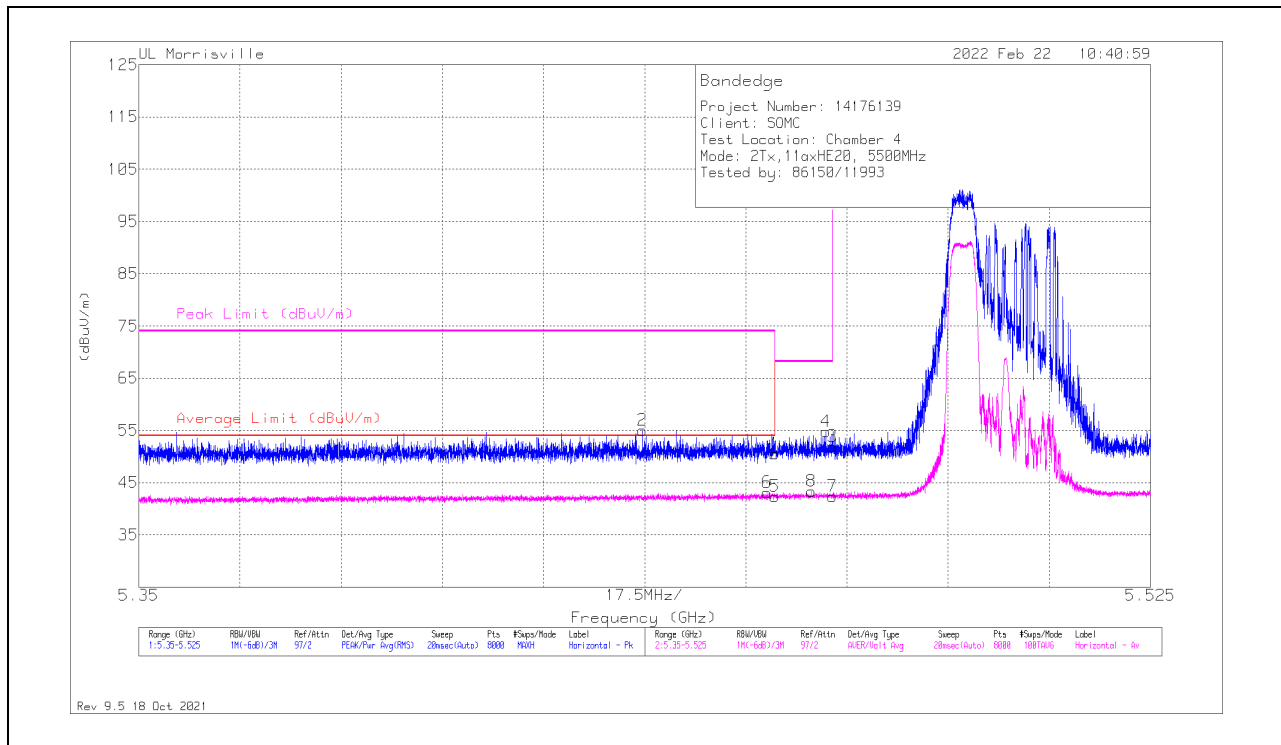
PK-U - Maximum Peak

ADV – Linear Voltage Average

2TX Chain 0 + Chain 1 OFDMA MODE: 52-Tones, RU Index 37

BANDEDGE (LOW CHANNEL)

HORIZONTAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	206211 (dB/m)	Amp/Cbl/Filtr/Pad (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	*** 5.45998	25.85	Pk	34.4	-9.7	50.55	-	-	74	-23.45	74	196	H
2	*** 5.43714	30.51	Pk	34.4	-9.9	55.01	-	-	74	-18.99	74	196	H
5	*** 5.45998	17.59	ADV	34.4	-9.7	42.29	54	-11.71	-	-	74	196	H
6	*** 5.45862	18.4	ADV	34.4	-9.7	43.1	54	-10.9	-	-	74	196	H
8	5.46633	18.59	ADV	34.4	-9.7	43.29	-	-	-	-	74	196	H
4	5.46886	30.05	Pk	34.4	-9.7	54.75	-	-	68.2	-13.45	74	196	H
3	5.46998	27.2	Pk	34.4	-9.7	51.9	-	-	68.2	-16.3	74	196	H
7	5.46998	17.6	ADV	34.4	-9.7	42.3	-	-	-	-	74	196	H

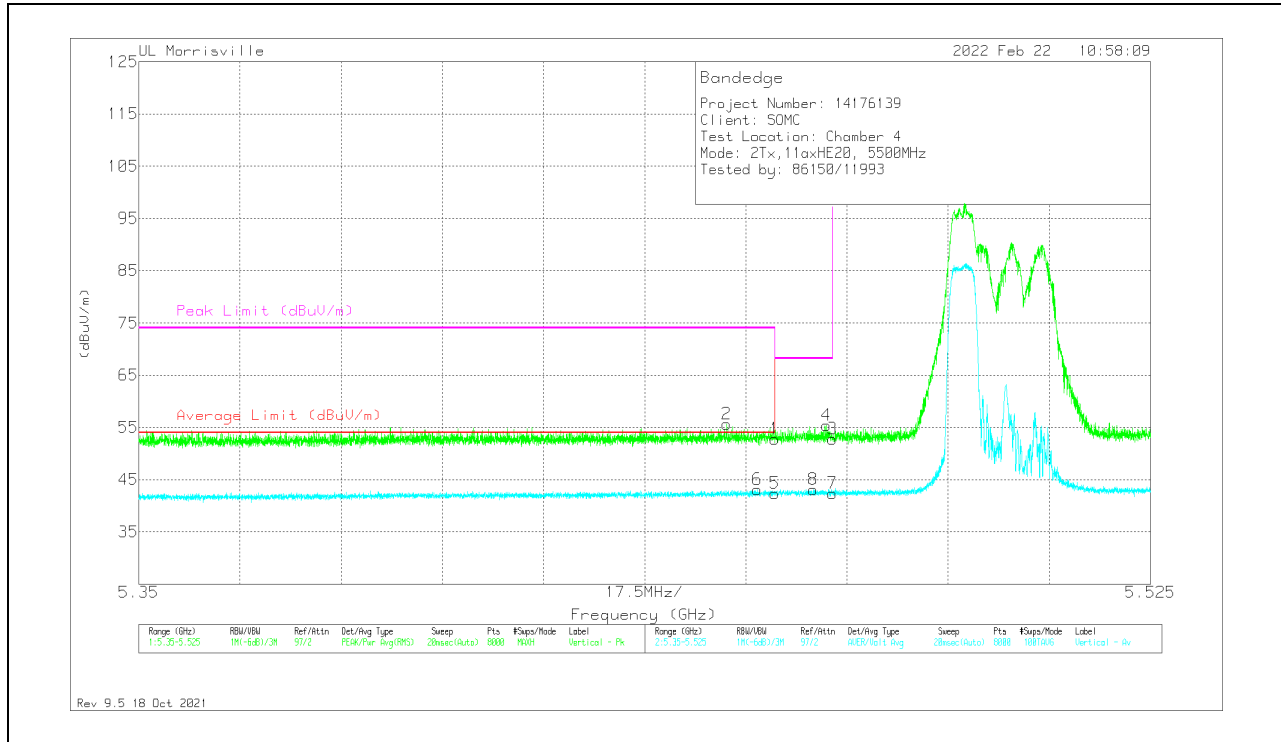
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

** - indicates frequency in Taiwan NCC LP0002 Restricted Band

Pk - Peak detector

ADV - Linear Voltage Average

VERTICAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	206211 (dB/m)	Amp/Cbl/Filtr/Pad (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	*** 5.45998	28.13	Pk	34.4	-9.7	52.83	-	-	74	-21.17	181	142	V
2	*** 5.45171	31.02	Pk	34.4	-9.8	55.62	-	-	74	-18.38	181	142	V
5	*** 5.45998	17.66	ADV	34.4	-9.7	42.36	54	-11.64	-	-	181	142	V
6	*** 5.45701	18.53	ADV	34.4	-9.8	43.13	54	-10.87	-	-	181	142	V
8	5.46665	18.44	ADV	34.4	-9.7	43.14	-	-	-	-	181	142	V
4	5.46895	30.7	Pk	34.4	-9.7	55.4	-	-	68.2	-12.8	181	142	V
3	5.46998	28.12	Pk	34.4	-9.7	52.82	-	-	68.2	-15.38	181	142	V
7	5.46998	17.59	ADV	34.4	-9.7	42.29	-	-	-	-	181	142	V

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

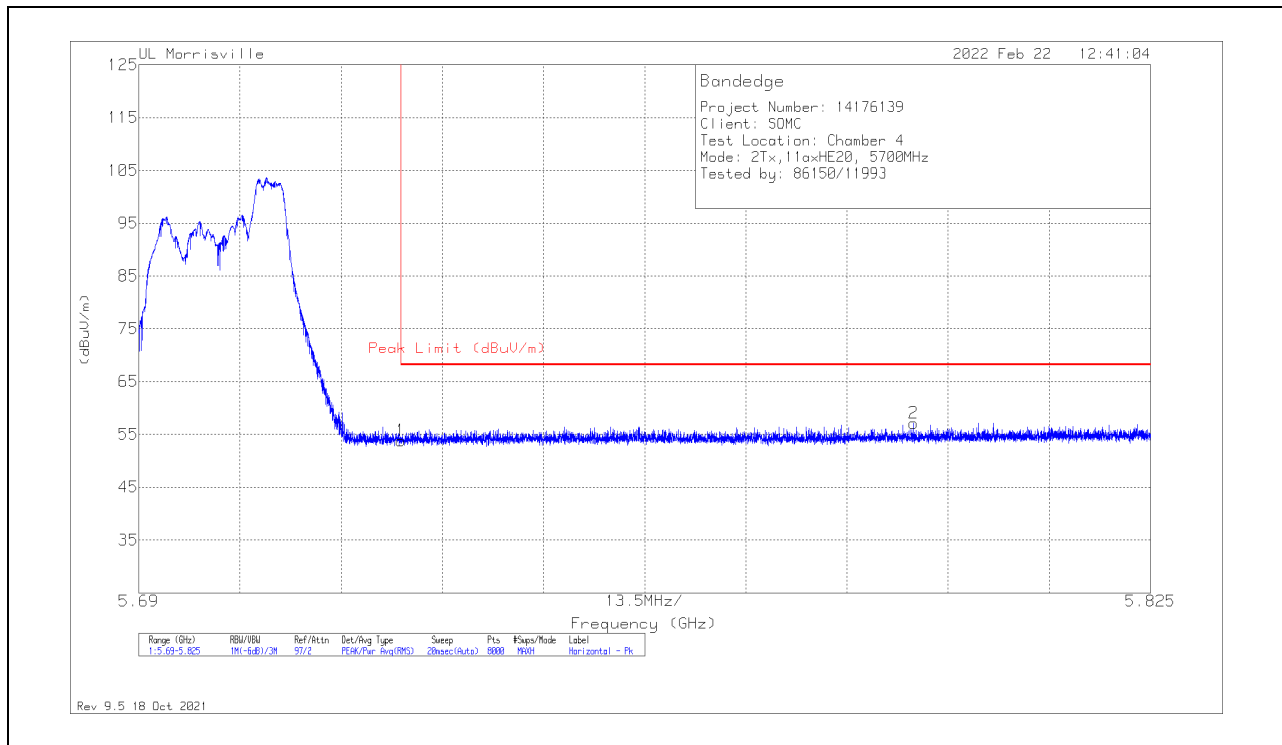
** - indicates frequency in Taiwan NCC LP0002 Restricted Band

Pk - Peak detector

ADV - Linear Voltage Average

2TX Chain 0 + Chain 1 OFDMA MODE: 52-Tones, RU Index 40
BANDEGE (HIGH CHANNEL)

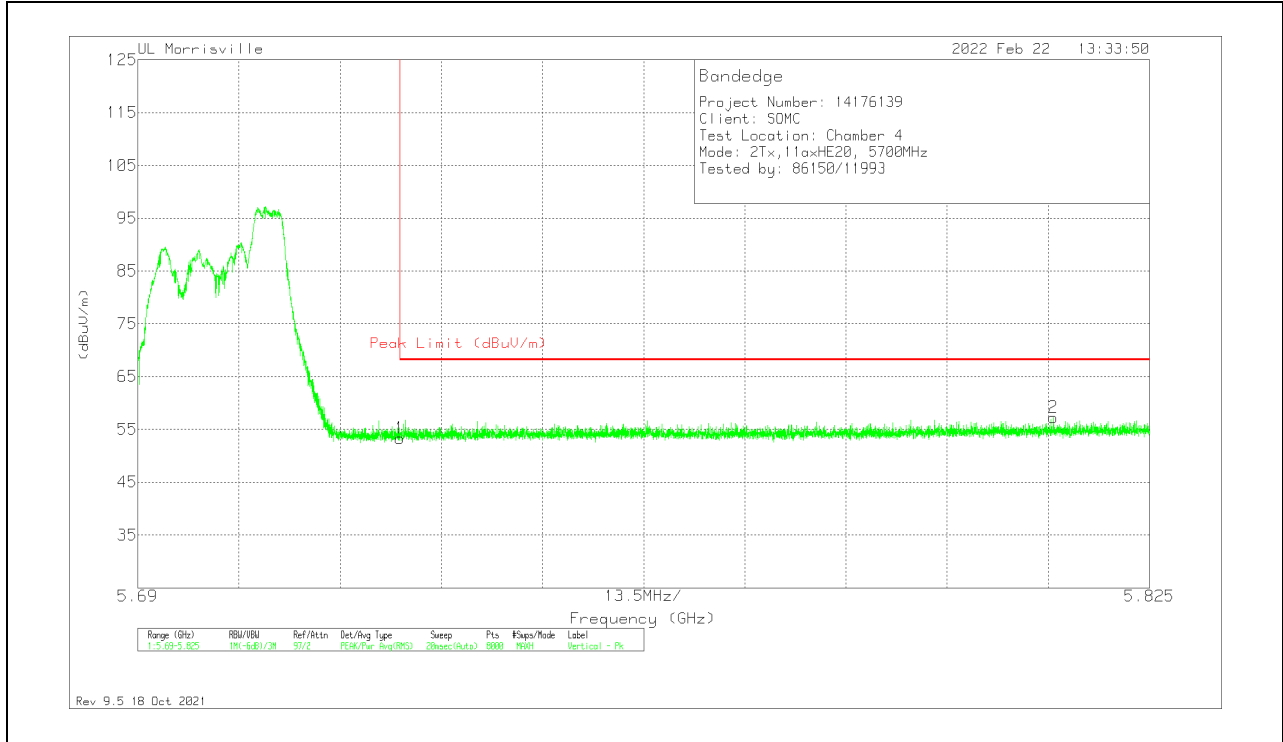
HORIZONTAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	206211 (dB/m)	Amp/Cbl/Fitr/Pad (dB)	Corrected Reading (dBuV/m)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.725	28.65	Pk	34.5	-9.4	53.75	68.2	-14.45	51	226	H
2	5.79342	31.94	Pk	34.6	-9.4	57.14	68.2	-11.06	51	226	H

Pk - Peak detector

VERTICAL RESULT



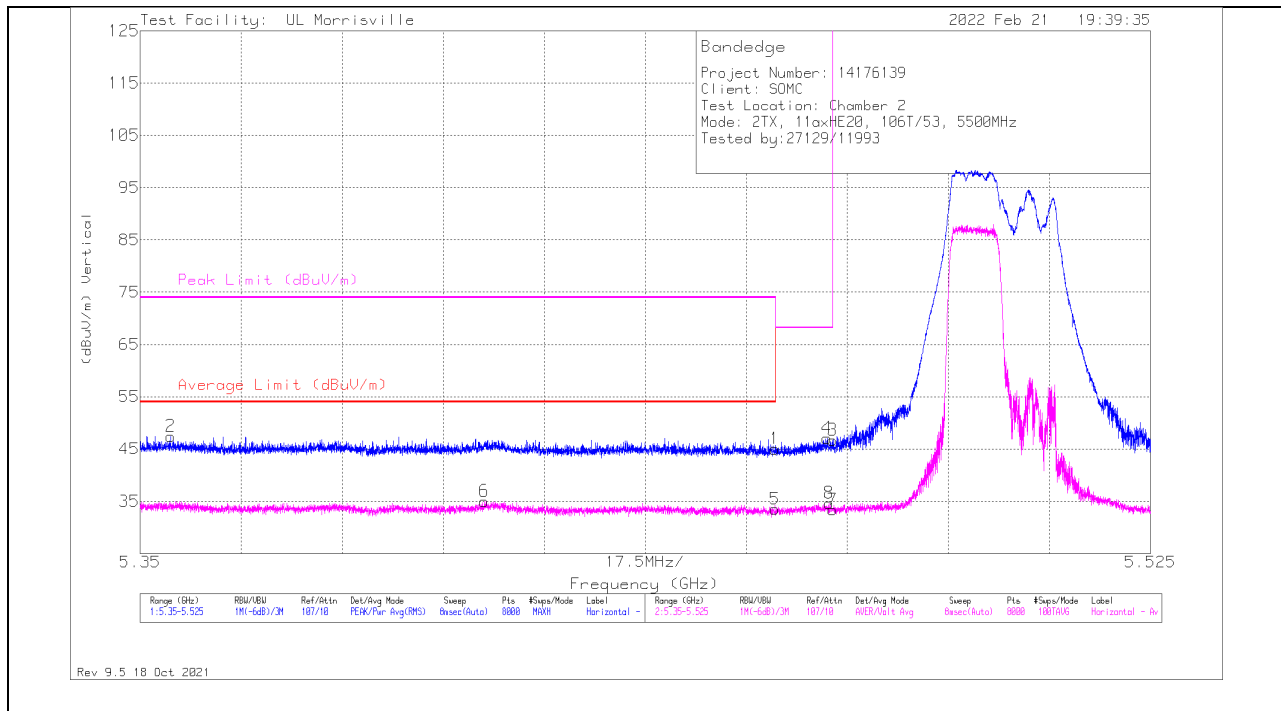
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	206211 (dB/m)	Amp/Cbl/Fitr/Pad (dB)	Corrected Reading (dBuV/m)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.725	28.22	Pk	34.5	-9.4	53.32	68.2	-14.88	1	272	V
2	5.81217	31.89	Pk	34.7	-9.4	57.19	68.2	-11.01	1	272	V

Pk - Peak detector

2TX Chain 0 + Chain 1 OFDMA MODE: 106-Tones, RU Index 53

BANDEDGE (LOW CHANNEL)

HORIZONTAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AT0072 (dB/m)	Amp/Cbl/Pad (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* ** 5.45998	33.74	Pk	34.6	-23.3	45.04	-	-	74	-28.96	21	254	H
2	* ** 5.35527	35.42	Pk	34.5	-22.5	47.42	-	-	74	-26.58	21	254	H
5	* ** 5.45998	22.19	ADV	34.6	-23.3	33.49	54	-20.51	-	-	21	254	H
6	* ** 5.4096	23.12	ADV	34.5	-22.6	35.02	54	-18.98	-	-	21	254	H
4	5.46897	35.36	Pk	34.6	-22.9	47.06	-	-	68.2	-21.14	21	254	H
8	5.46937	23.03	ADV	34.6	-23	34.63	-	-	-	-	21	254	H
3	5.46998	35.08	Pk	34.6	-23	46.68	-	-	68.2	-21.52	21	254	H
7	5.46998	21.77	ADV	34.6	-23	33.37	-	-	-	-	21	254	H

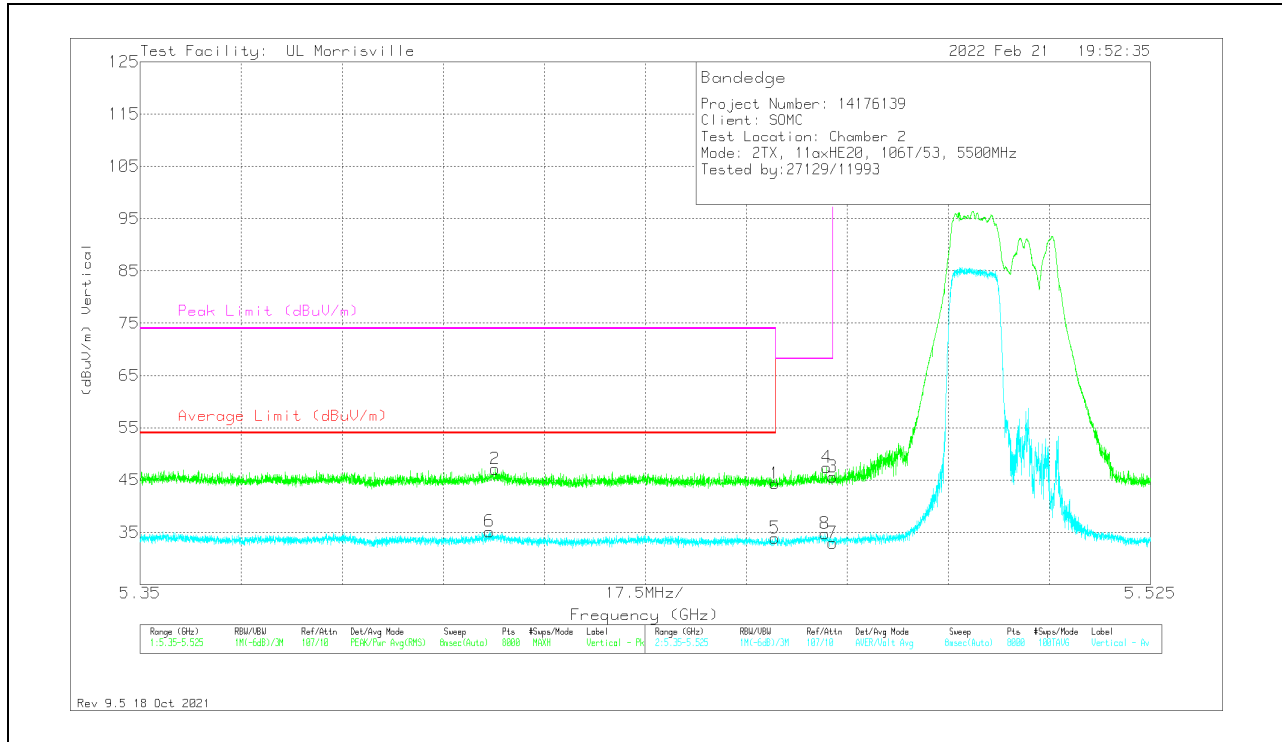
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

** - indicates frequency in Taiwan NCC LP0002 Restricted Band

Pk - Peak detector

ADV - Linear Voltage Average

VERTICAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AT0072 (dB/m)	Amp/Cbl/Pad (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* ** 5.45998	33.04	Pk	34.6	-23.3	44.34	-	-	74	-29.66	189	357	V
2	* ** 5.41146	34.92	Pk	34.5	-22.3	47.12	-	-	74	-26.88	189	357	V
5	* ** 5.45998	22.6	ADV	34.6	-23.3	33.9	54	-20.1	-	-	189	357	V
6	* ** 5.41049	23.15	ADV	34.5	-22.5	35.15	54	-18.85	-	-	189	357	V
8	5.46858	23.05	ADV	34.6	-22.9	34.75	-	-	-	-	189	357	V
4	5.46891	35.71	Pk	34.6	-22.9	47.41	-	-	68.2	-20.79	189	357	V
3	5.46998	34.01	Pk	34.6	-23	45.61	-	-	68.2	-22.59	189	357	V
7	5.46998	21.38	ADV	34.6	-23	32.98	-	-	-	-	189	357	V

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

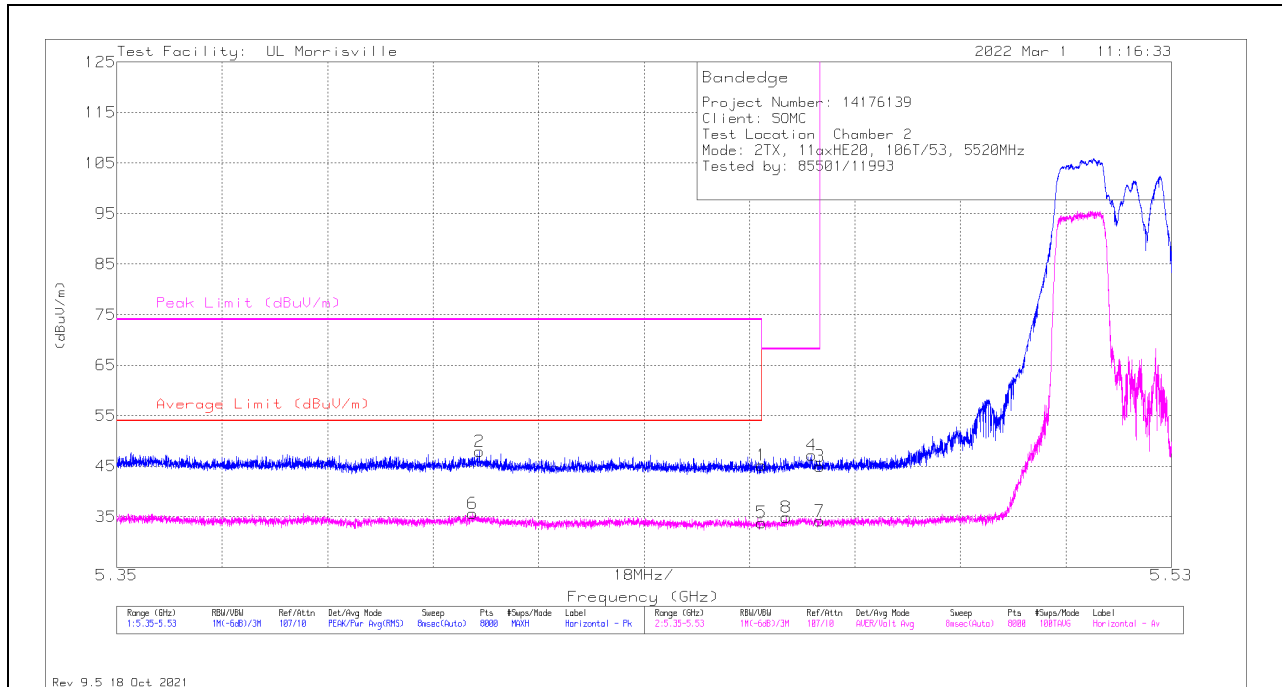
** - indicates frequency in Taiwan NCC LP0002 Restricted Band

Pk - Peak detector

ADV - Linear Voltage Average

BANDEDGE (LOW 2 CHANNEL)

HORIZONTAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AT0072 (dB/m)	Amp/Cbl/Pad (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* ** 5.45999	33.86	Pk	34.6	-23.3	45.16	-	-	74	-28.84	355	106	H
2	* ** 5.41188	35.86	Pk	34.5	-22.4	47.96	-	-	74	-26.04	355	106	H
5	* ** 5.45999	22.54	ADV	34.6	-23.3	33.84	54	-20.16	-	-	355	105	H
6	* ** 5.41078	23.55	ADV	34.5	-22.4	35.65	54	-18.35	-	-	355	105	H
8	5.46427	23.42	ADV	34.6	-23.1	34.92	-	-	-	-	355	105	H
4	5.46864	35.51	Pk	34.6	-22.9	47.21	-	-	68.2	-20.99	355	106	H
3	5.46999	33.41	Pk	34.6	-23	45.01	-	-	68.2	-23.19	355	106	H
7	5.46999	22.6	ADV	34.6	-23	34.2	-	-	-	-	355	105	H

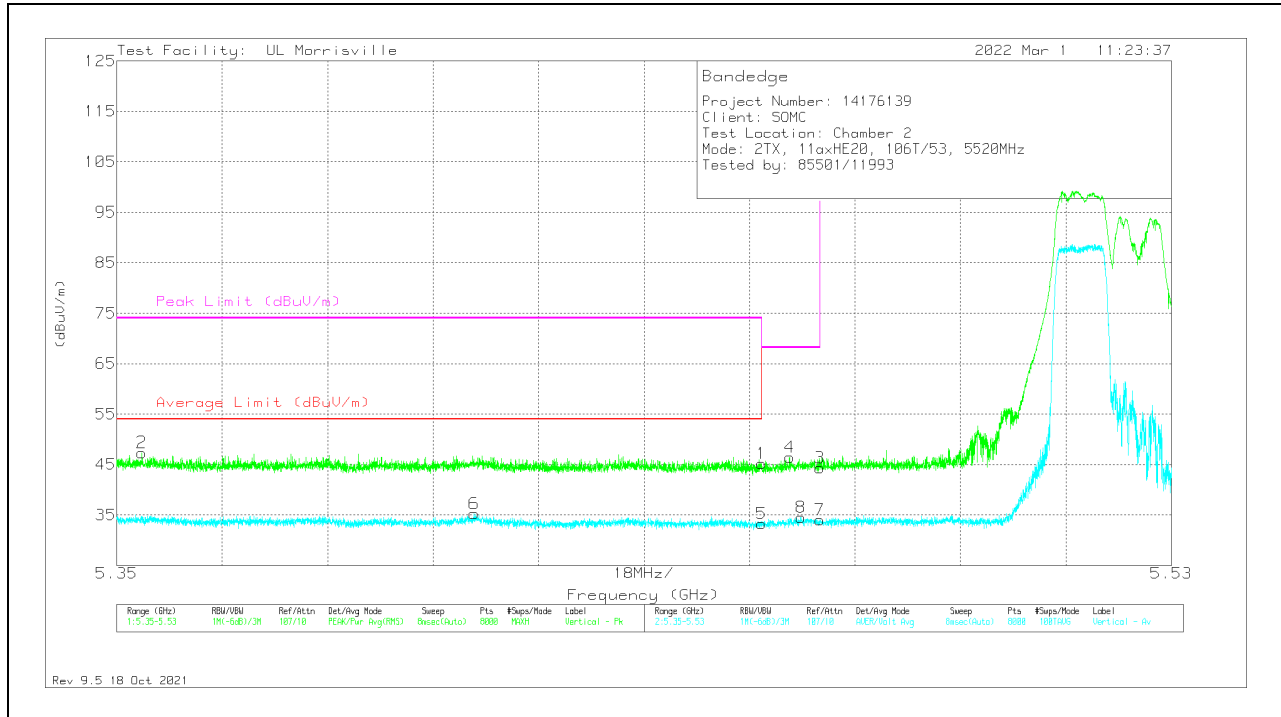
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

** - indicates frequency in Taiwan NCC LP0002 Restricted Band

Pk - Peak detector

ADV - Linear Voltage Average

VERTICAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AT0072 (dB/m)	Amp/Cbl/Pad (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* ** 5.45999	33.86	Pk	34.6	-23.3	45.16	-	-	74	-28.84	6	359	V
2	* ** 5.3543	35.47	Pk	34.5	-22.6	47.37	-	-	74	-26.63	6	359	V
5	* ** 5.45999	21.99	ADV	34.6	-23.3	33.29	54	-20.71	-	-	6	359	V
6	* ** 5.41101	23.17	ADV	34.5	-22.4	35.27	54	-18.73	-	-	6	359	V
4	5.46481	34.86	Pk	34.6	-23	46.46	-	-	68.2	-21.74	6	359	V
8	5.46681	22.68	ADV	34.6	-22.8	34.48	-	-	-	-	6	359	V
3	5.46999	32.78	Pk	34.6	-23	44.38	-	-	68.2	-23.82	6	359	V
7	5.46999	22.38	ADV	34.6	-23	33.98	-	-	-	-	6	359	V

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

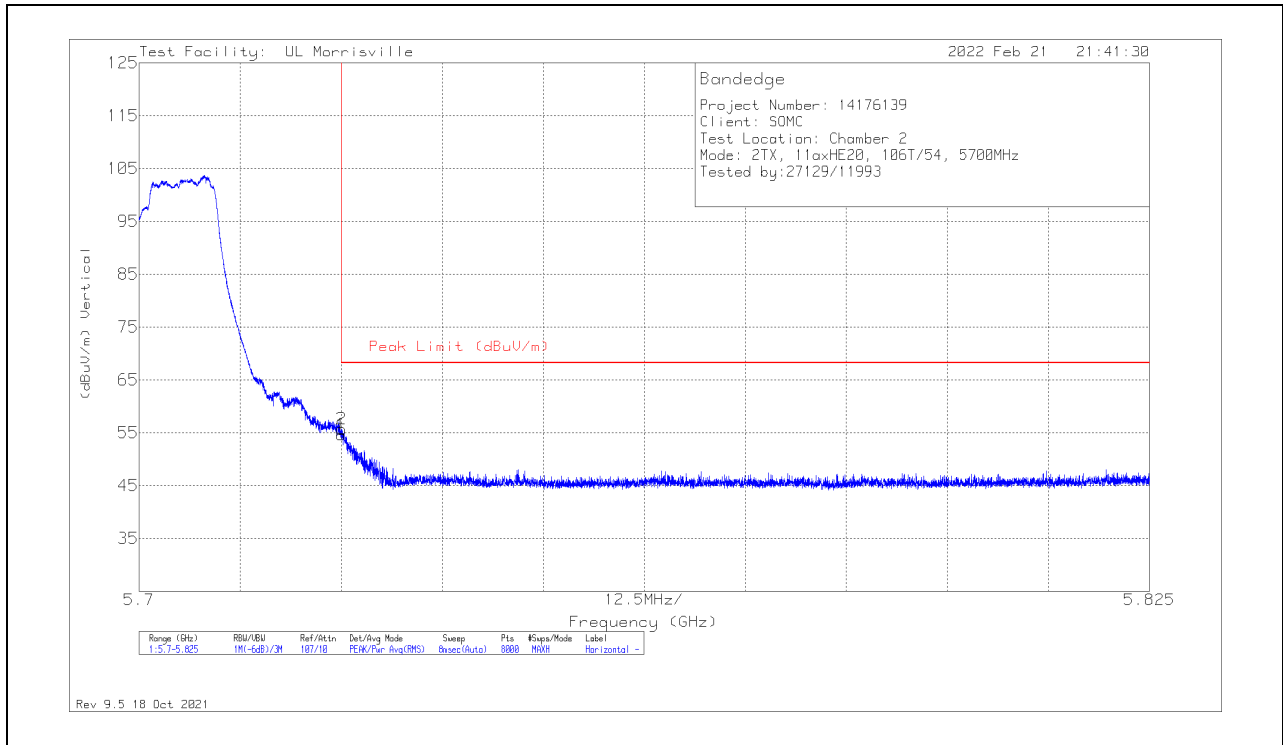
** - indicates frequency in Taiwan NCC LP0002 Restricted Band

Pk - Peak detector

ADV - Linear Voltage Average

**2TX Chain 0 + Chain 1 OFDMA MODE: 106-Tones, RU Index 54
 BANDEDGE (HIGH CHANNEL)**

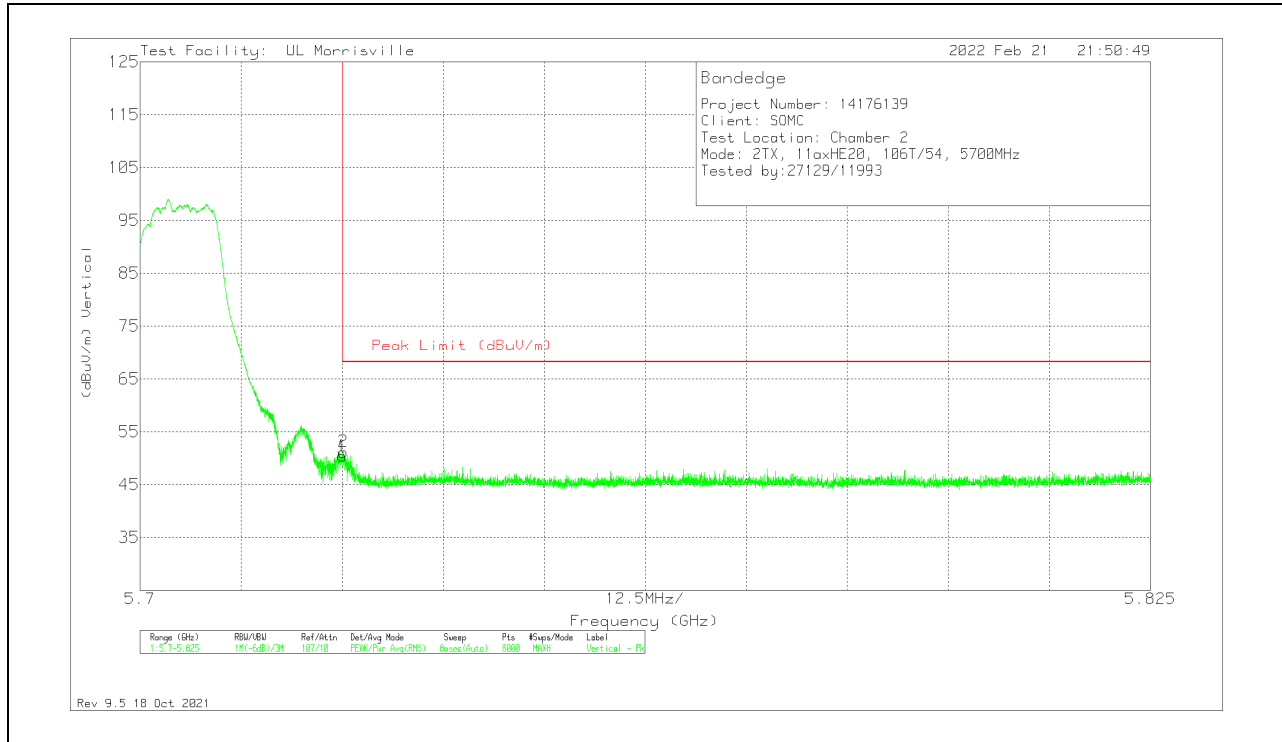
HORIZONTAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AT0072 (dB/m)	Amp/Cbl/Pad (dB)	Corrected Reading (dBuV/m)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.725	42.42	Pk	34.8	-22.6	54.62	68.2	-13.58	76	234	H
2	5.72503	43.46	Pk	34.8	-22.6	55.66	68.2	-12.54	76	234	H

Pk - Peak detector

VERTICAL RESULT



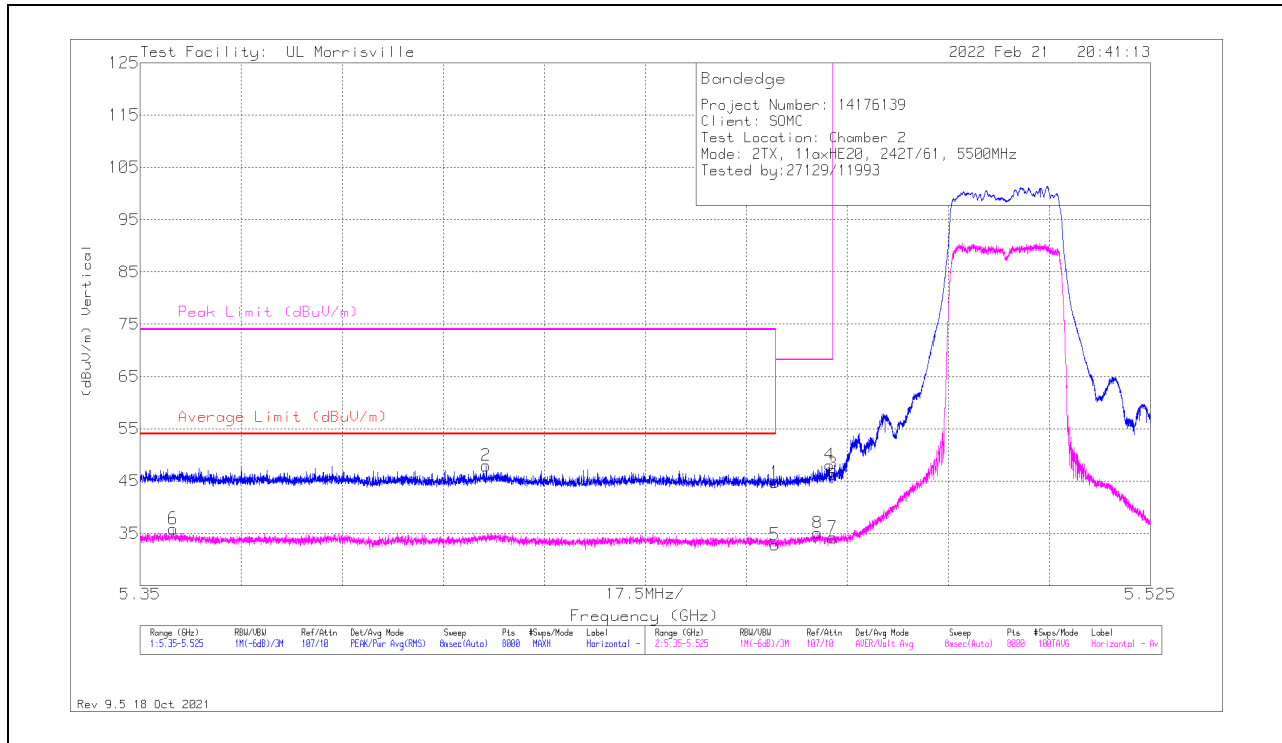
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AT0072 (dB/m)	Amp/Cbl/Pad (dB)	Corrected Reading (dBuV/m)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.725	38.2	Pk	34.8	-22.6	50.4	68.2	-17.8	194	244	V
2	5.72514	38.99	Pk	34.8	-22.6	51.19	68.2	-17.01	194	244	V

Pk - Peak detector

2TX Chain 0 + Chain 1 OFDMA MODE: 242-Tones, RU Index 61

BANDEDGE (LOW CHANNEL)

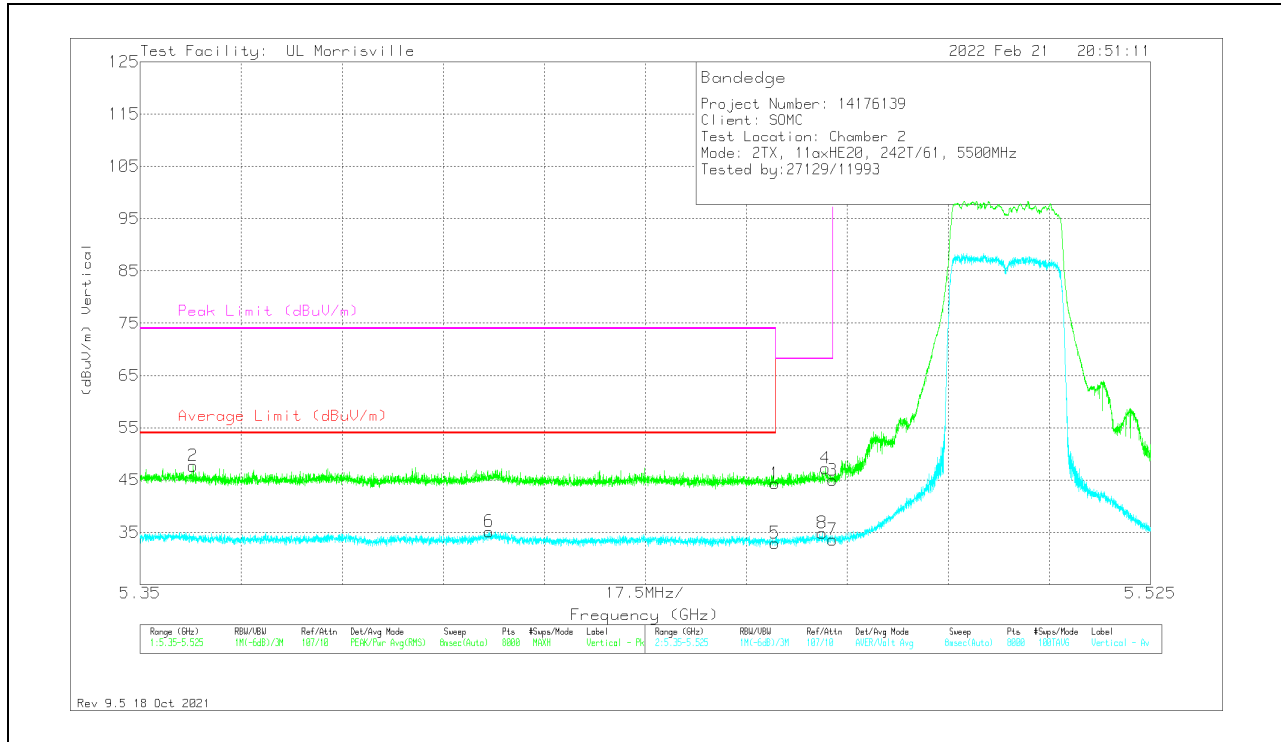
HORIZONTAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AT0072 (dB/m)	Amp/Cbl/Pad (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	*** 5.45998	33.42	Pk	34.6	-23.3	44.72	-	-	74	-29.28	340	187	H
2	*** 5.40995	35.95	Pk	34.5	-22.5	47.95	-	-	74	-26.05	340	187	H
5	*** 5.45998	21.49	ADV	34.6	-23.3	32.79	54	-21.21	-	-	340	187	H
6	*** 5.35575	23.83	ADV	34.5	-22.5	35.83	54	-18.17	-	-	340	187	H
8	5.46738	23.28	ADV	34.6	-22.8	35.08	-	-	-	-	340	187	H
4	5.46943	36.44	Pk	34.6	-23	48.04	-	-	68.2	-20.16	340	187	H
3	5.46998	34.78	Pk	34.6	-23	46.38	-	-	68.2	-21.82	340	187	H
7	5.46998	22.6	ADV	34.6	-23	34.2	-	-	-	-	340	187	H

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

VERTICAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AT0072 (dB/m)	Amp/Cbl/Pad (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* ** 5.45998	33.04	Pk	34.6	-23.3	44.34	-	-	74	-29.66	175	289	V
2	* ** 5.35915	36.02	Pk	34.5	-22.8	47.72	-	-	74	-26.28	175	289	V
5	* ** 5.45998	21.62	ADV	34.6	-23.3	32.92	54	-21.08	-	-	175	289	V
6	* ** 5.41043	23.14	ADV	34.5	-22.5	35.14	54	-18.86	-	-	175	289	V
8	5.46814	23.16	ADV	34.6	-22.9	34.86	-	-	-	-	175	289	V
4	5.46873	35.54	Pk	34.6	-22.9	47.24	-	-	68.2	-20.96	175	289	V
3	5.46998	33.36	Pk	34.6	-23	44.96	-	-	68.2	-23.24	175	289	V
7	5.46998	21.99	ADV	34.6	-23	33.59	-	-	-	-	175	289	V

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

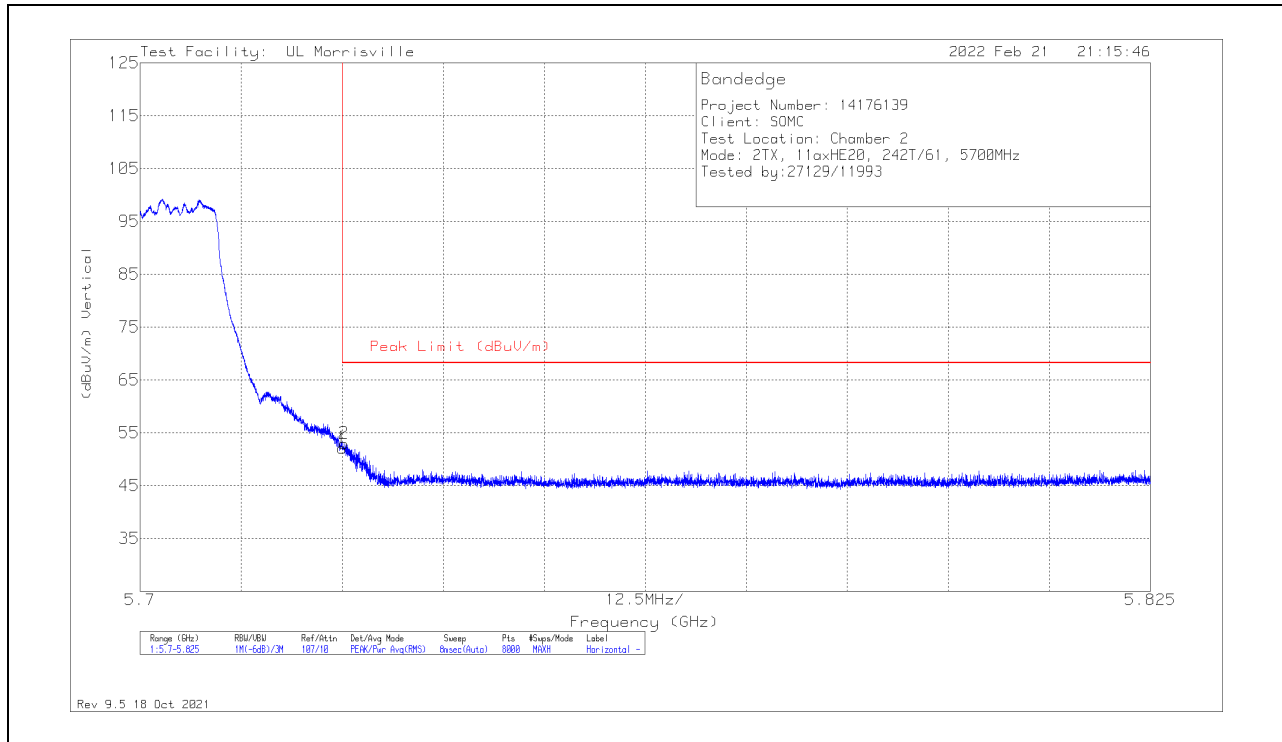
** - indicates frequency in Taiwan NCC LP0002 Restricted Band

Pk - Peak detector

ADV - Linear Voltage Average

BANDEDGE (HIGH CHANNEL)

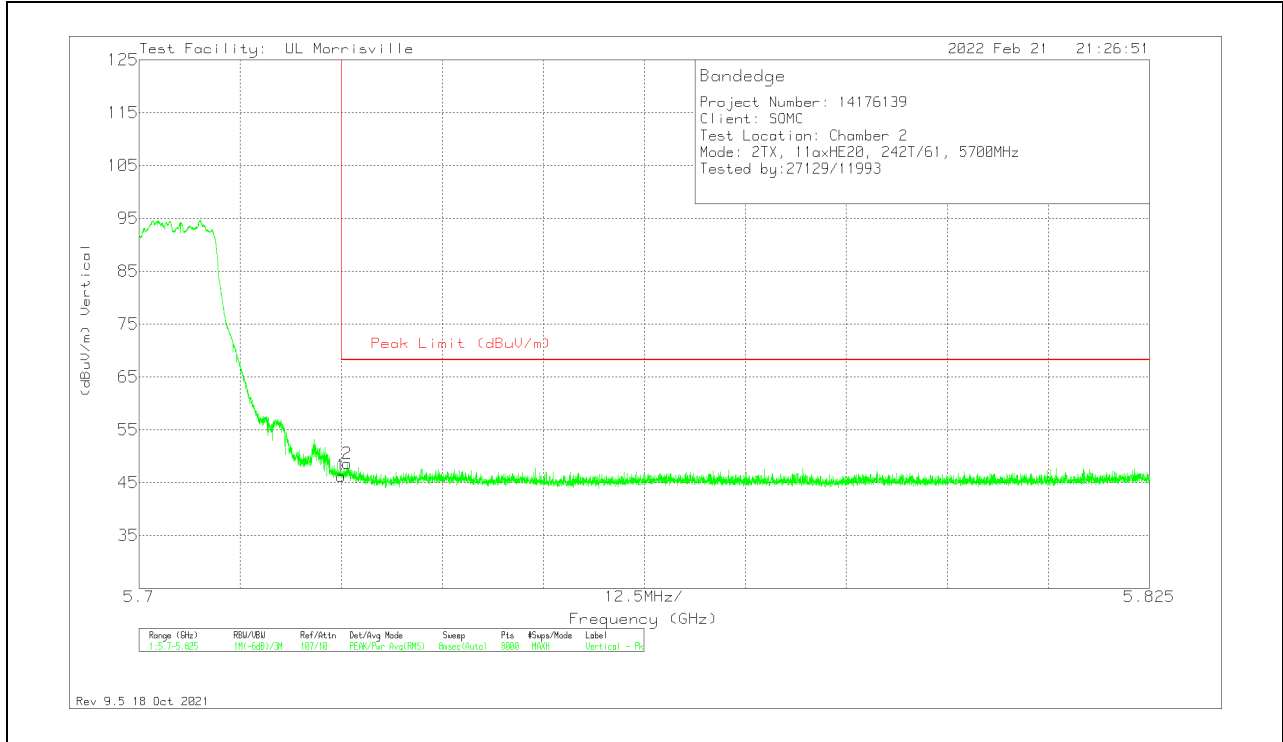
HORIZONTAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AT0072 (dB/m)	Amp/Cbl/Pad (dB)	Corrected Reading (dBuV/m)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.725	39.95	Pk	34.8	-22.6	52.15	68.2	-16.05	95	299	H
2	5.72524	40.78	Pk	34.8	-22.6	52.98	68.2	-15.22	95	299	H

Pk - Peak detector

VERTICAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AT0072 (dB/m)	Amp/Cbl/Pad (dB)	Corrected Reading (dBuV/m)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.725	34.01	Pk	34.8	-22.6	46.21	68.2	-21.99	170	297	V
2	5.72575	36.28	Pk	34.8	-22.5	48.58	68.2	-19.62	170	297	V

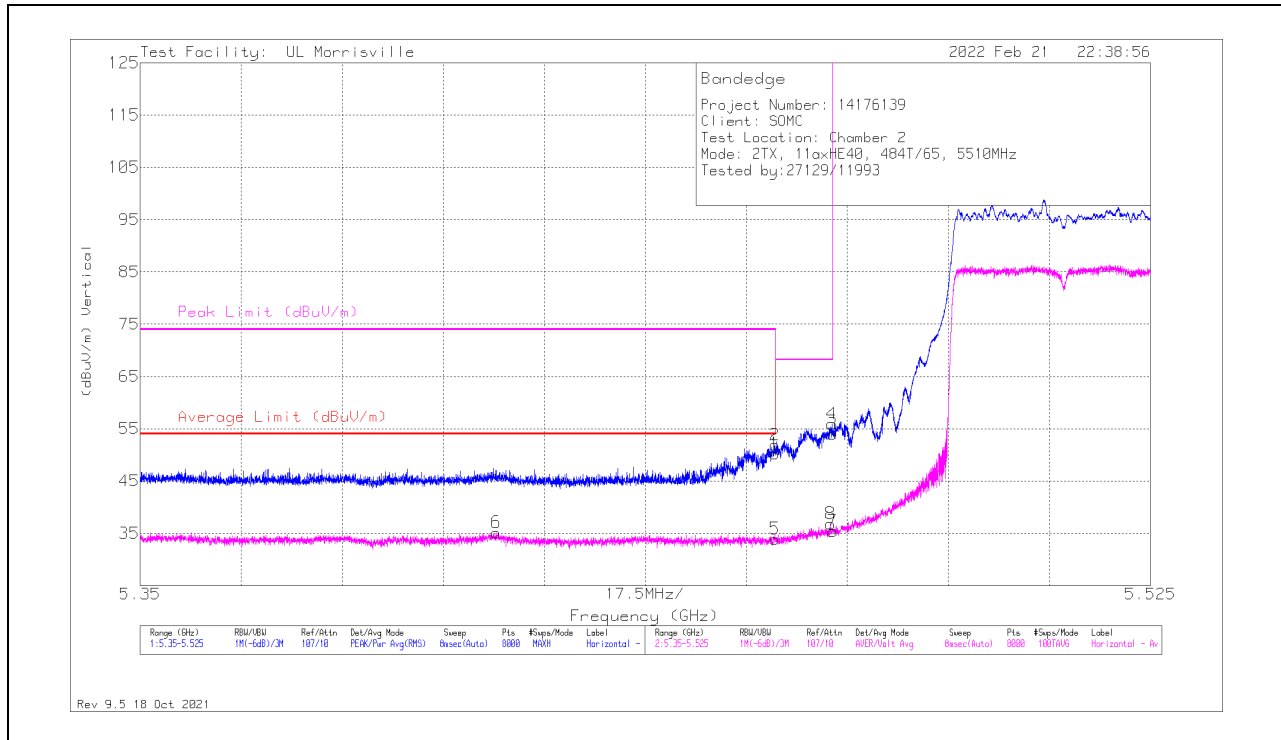
Pk - Peak detector

10.1.2. TX ABOVE 1 GHz 802.11ax HE40 MODE IN THE 5.6GHz BAND

2TX Chain 0 + Chain 1 OFDMA MODE: 484-Tones, RU Index 65

BANDEDGE (LOW CHANNEL)

HORIZONTAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AT0072 (dB/m)	Amp/Cbl/Pad (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* ** 5.45998	38.91	Pk	34.6	-23.3	50.21	-	-	74	-23.79	89	266	H
2	* ** 5.45992	40.6	Pk	34.6	-23.3	51.9	-	-	74	-22.1	89	266	H
5	* ** 5.45998	22.6	ADV	34.6	-23.3	33.9	54	-20.1	-	-	89	265	H
6	* ** 5.4117	23.03	ADV	34.5	-22.4	35.13	54	-18.87	-	-	89	265	H
8	5.46959	25.21	ADV	34.6	-23	36.81	-	-	-	-	89	265	H
4	5.4698	44.32	Pk	34.6	-23	55.92	-	-	68.2	-12.28	89	266	H
3	5.46998	42.35	Pk	34.6	-23	53.95	-	-	68.2	-14.25	89	266	H
7	5.46998	23.81	ADV	34.6	-23	35.41	-	-	-	-	89	265	H

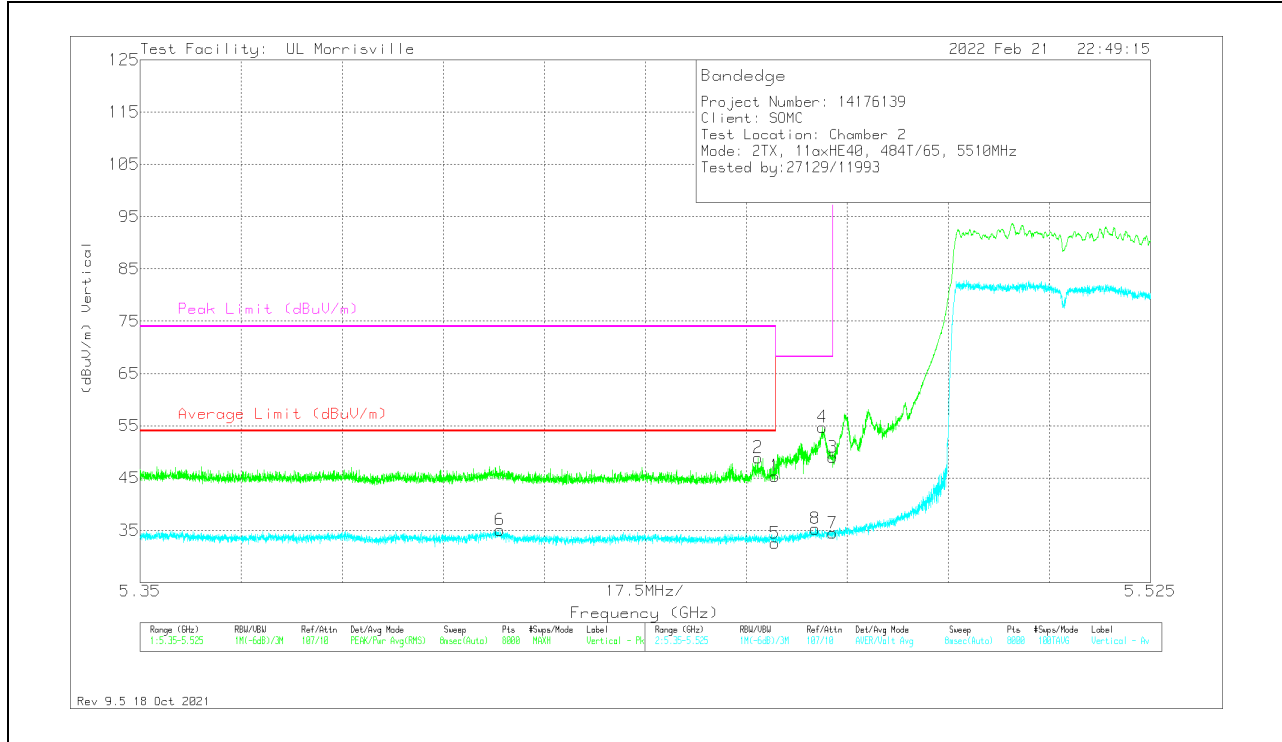
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

** - indicates frequency in Taiwan NCC LP0002 Restricted Band

Pk - Peak detector

ADV - Linear Voltage Average

VERTICAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AT0072 (dB/m)	Amp/Cbl/Pad (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* ** 5.45998	34.08	Pk	34.6	-23.3	45.38	-	-	74	-28.62	194	306	V
2	* ** 5.45701	37.58	Pk	34.6	-23.3	48.88	-	-	74	-25.12	194	306	V
5	* ** 5.45998	21.22	ADV	34.6	-23.3	32.52	54	-21.48	-	-	194	306	V
6	* ** 5.41231	23.06	ADV	34.5	-22.5	35.06	54	-18.94	-	-	194	306	V
8	5.46694	23.49	ADV	34.6	-22.8	35.29	-	-	-	-	194	306	V
4	5.46819	43.03	Pk	34.6	-22.9	54.73	-	-	68.2	-13.47	194	306	V
3	5.46998	37.38	Pk	34.6	-23	48.98	-	-	68.2	-19.22	194	306	V
7	5.46998	22.87	ADV	34.6	-23	34.47	-	-	-	-	194	306	V

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

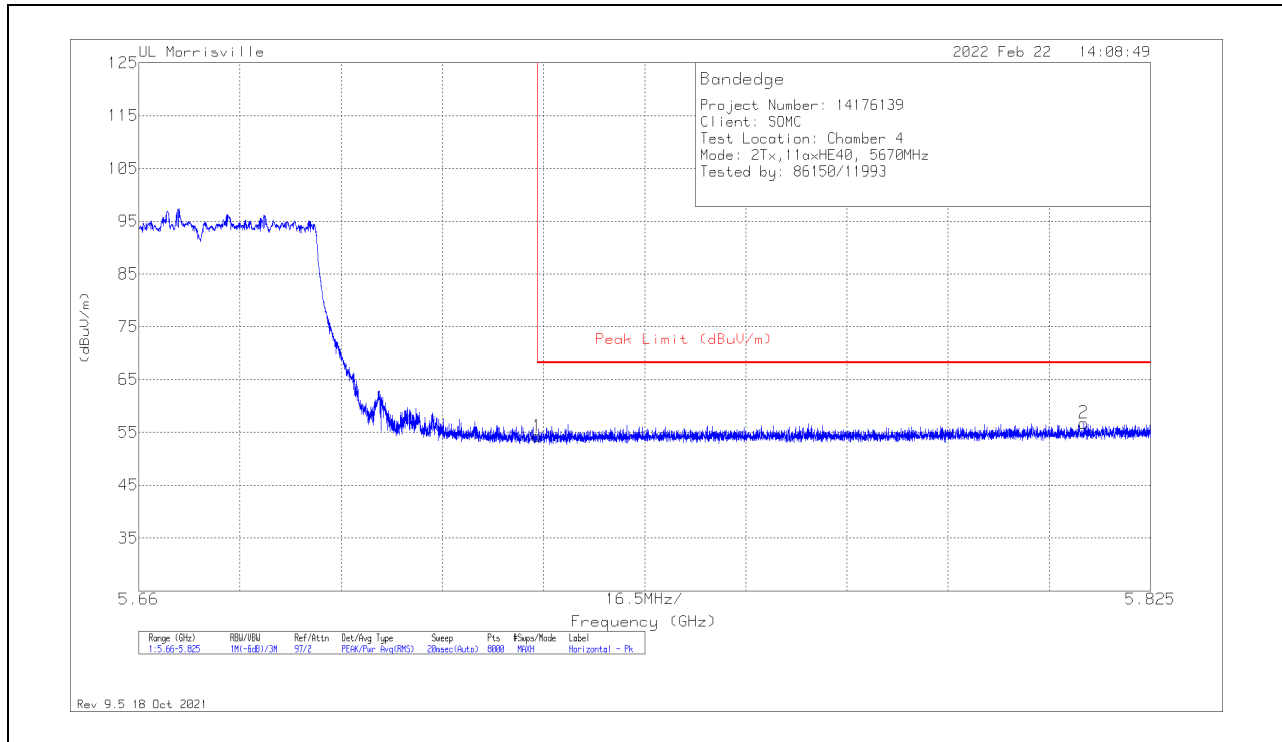
** - indicates frequency in Taiwan NCC LP0002 Restricted Band

Pk - Peak detector

ADV - Linear Voltage Average

BANEDGE (HIGH CHANNEL)

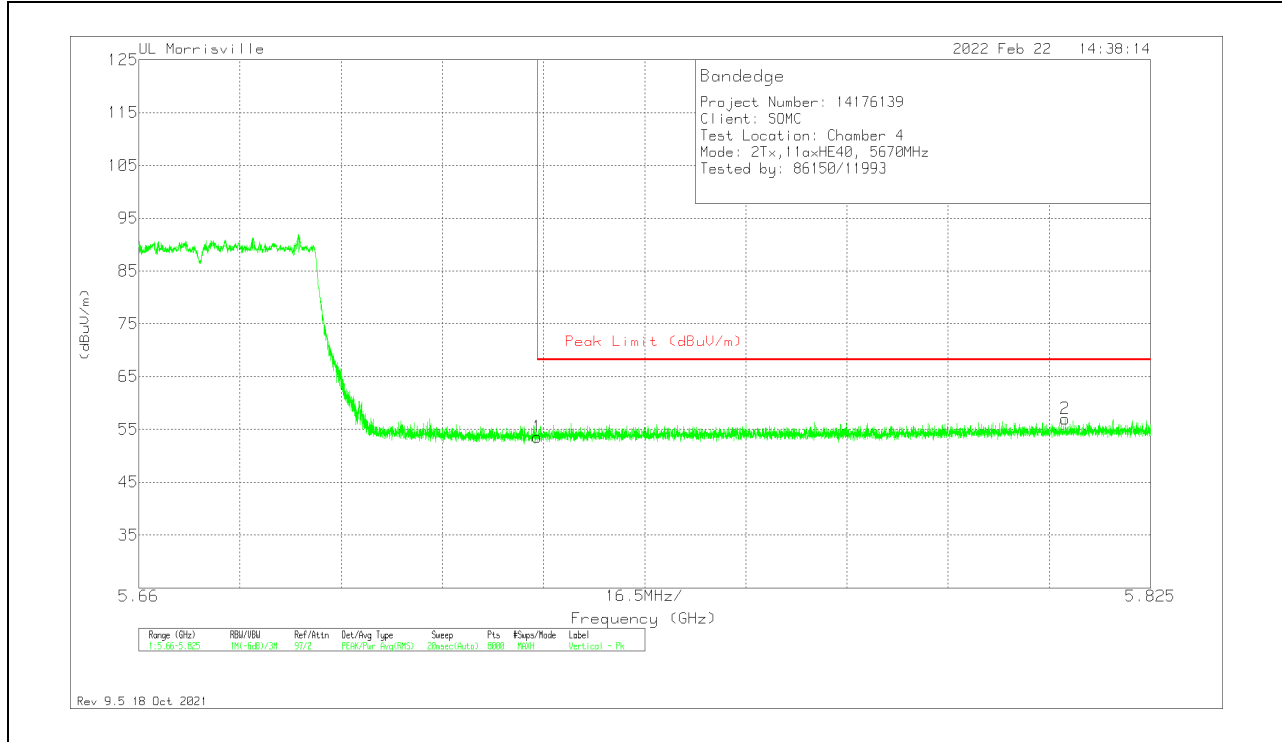
HORIZONTAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	206211 (dB/m)	Amp/Cbl/Fitr/Pad (dB)	Corrected Reading (dBuV/m)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.72502	29.23	Pk	34.5	-9.4	54.33	68.2	-13.87	60	236	H
2	5.81413	31.51	Pk	34.7	-9.4	56.81	68.2	-11.39	60	236	H

Pk - Peak detector

VERTICAL RESULT

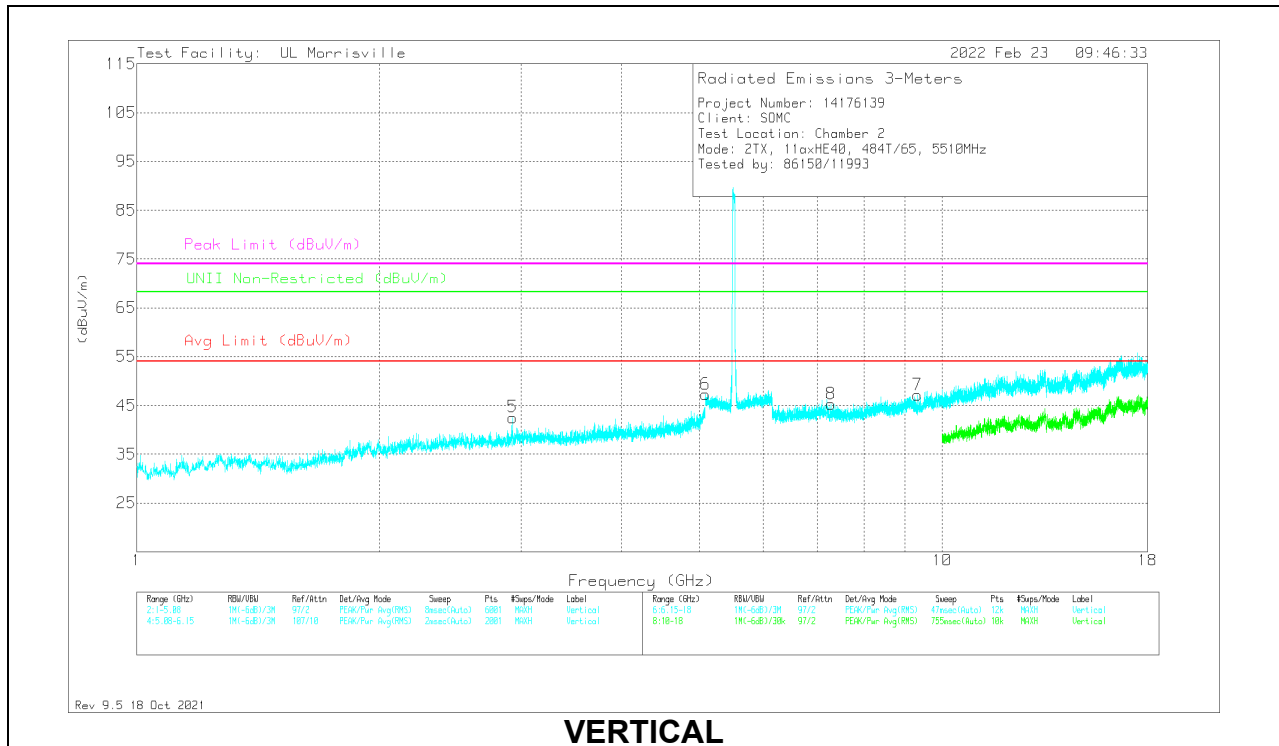
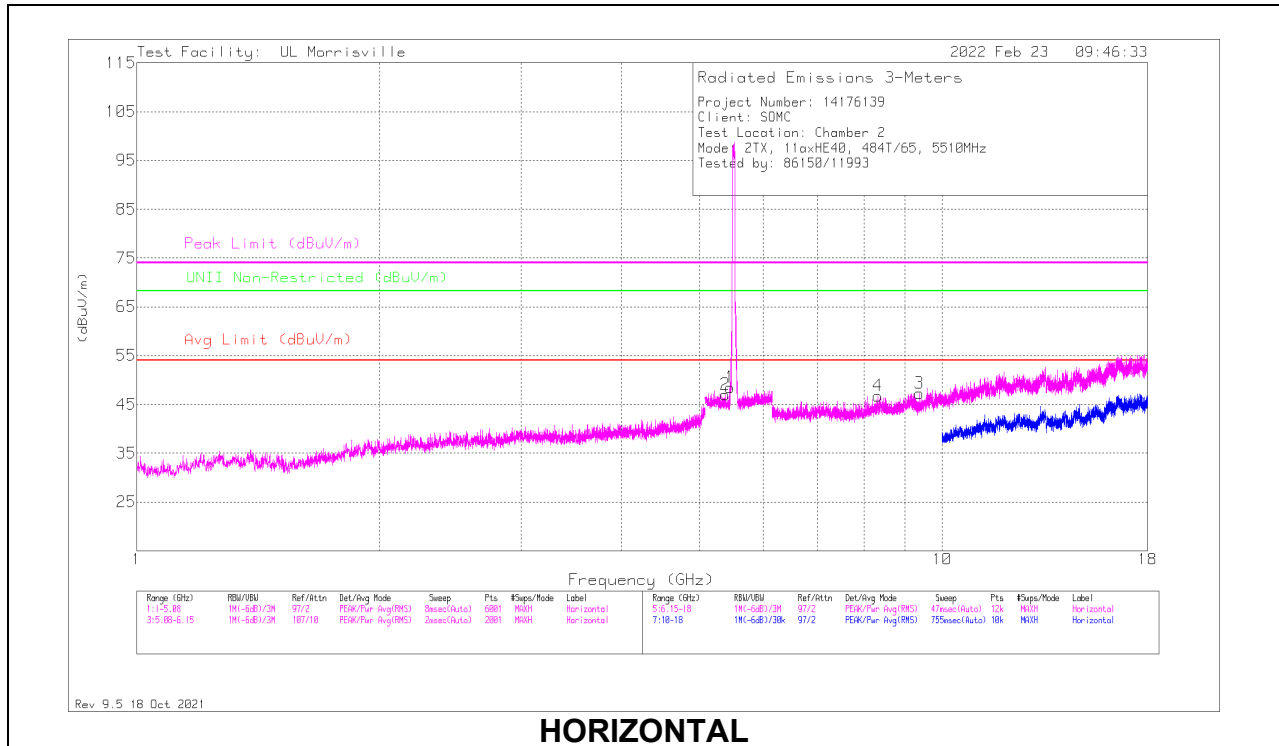


Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	206211 (dB/m)	Amp/Cbl/Fitr/Pad (dB)	Corrected Reading (dBuV/m)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.72502	28.51	Pk	34.5	-9.4	53.61	68.2	-14.59	5	396	V
2	5.8111	31.68	Pk	34.7	-9.4	56.98	68.2	-11.22	5	396	V

Pk - Peak detector

HARMONICS AND SPURIOUS EMISSIONS

LOW



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AT0072 (dB/m)	Amp/Cbl/Filtr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
3	*** 9.36431	36.48	Pk	36.6	-25.8	47.28	54	-6.72	74	-26.72	-	-	0-360	101	H
4	** 8.3304	37.57	Pk	35.9	-26.7	46.77	54	-7.23	74	-27.23	-	-	0-360	101	H
7	*** 9.32284	36.95	Pk	36.4	-26.2	47.15	54	-6.85	74	-26.85	-	-	0-360	200	V
8	*** 7.27575	37.01	Pk	35.6	-27.3	45.31	54	-8.69	74	-28.69	-	-	0-360	200	V
5	2.92848	42.65	Pk	33.1	-33.2	42.55	54	-	74	-	68.2	-25.65	0-360	101	V
6	*** 5.08803	35.04	Pk	34.4	-22.2	47.24	54	-6.76	74	-26.76	-	-	0-360	101	V
2	*** 5.38281	35.25	Pk	34.5	-22.7	47.05	54	-6.95	74	-26.95	-	-	0-360	199	H
1	*** 5.45226	39.77	PK-U	34.6	-23.1	51.27	-	-	74	-22.73	-	-	0	159	H
	*** 5.45162	23.35	ADV	34.6	-23.2	34.75	54	-19.25	-	-	-	-	0	159	H

Pk - Peak detector

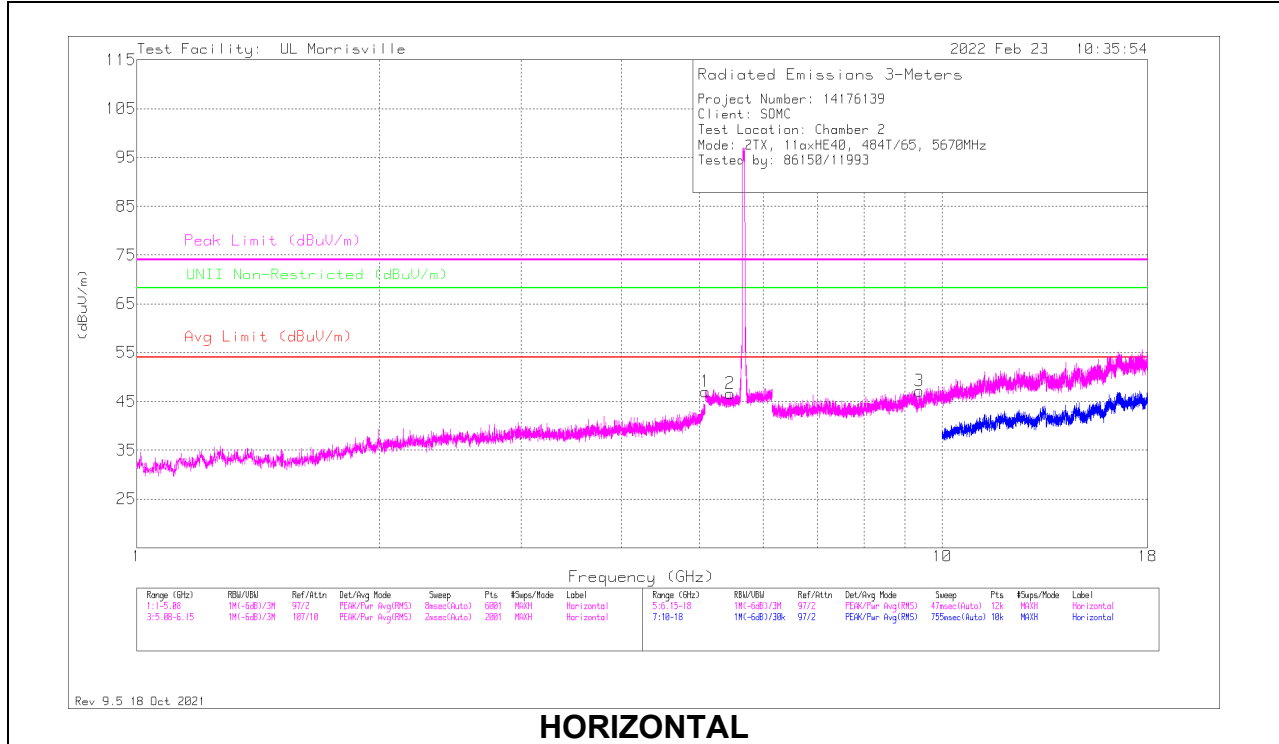
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

** - indicates frequency in Taiwan NCC LP0002 Restricted Band

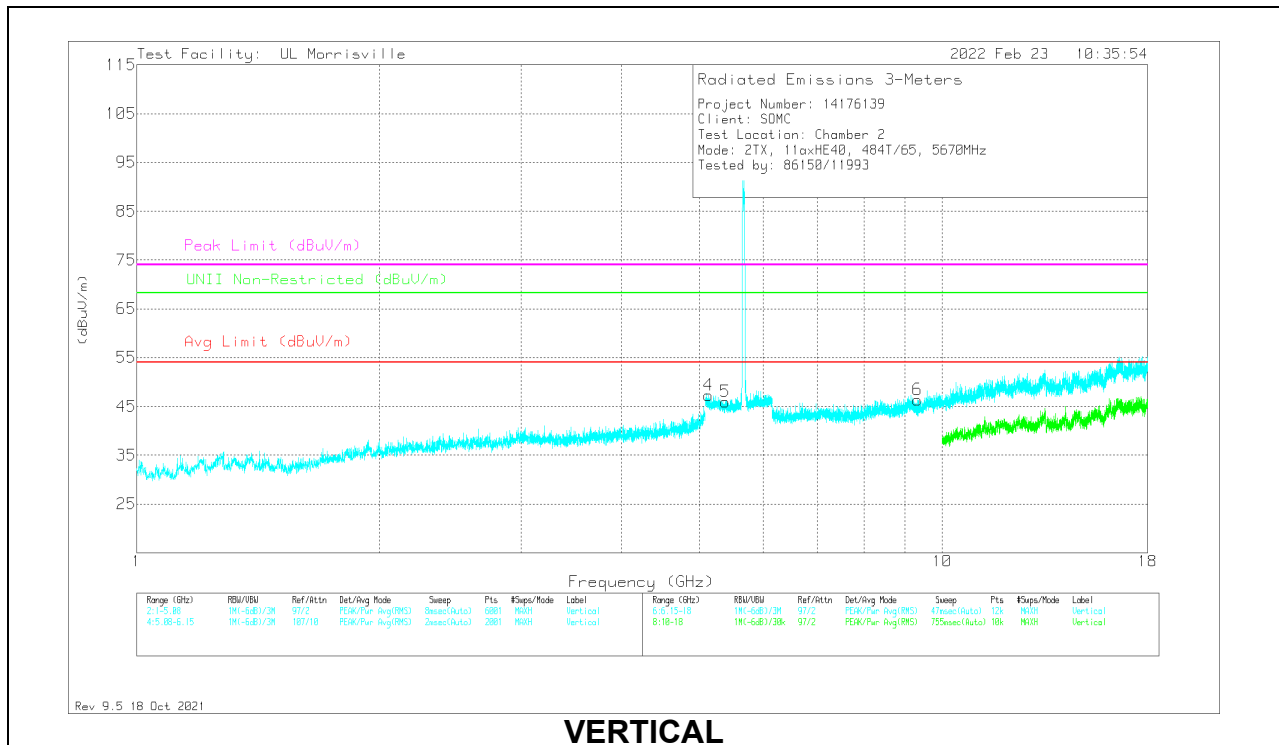
PK-U - Maximum Peak

ADV - Linear Voltage Average

HIGH



HORIZONTAL



VERTICAL

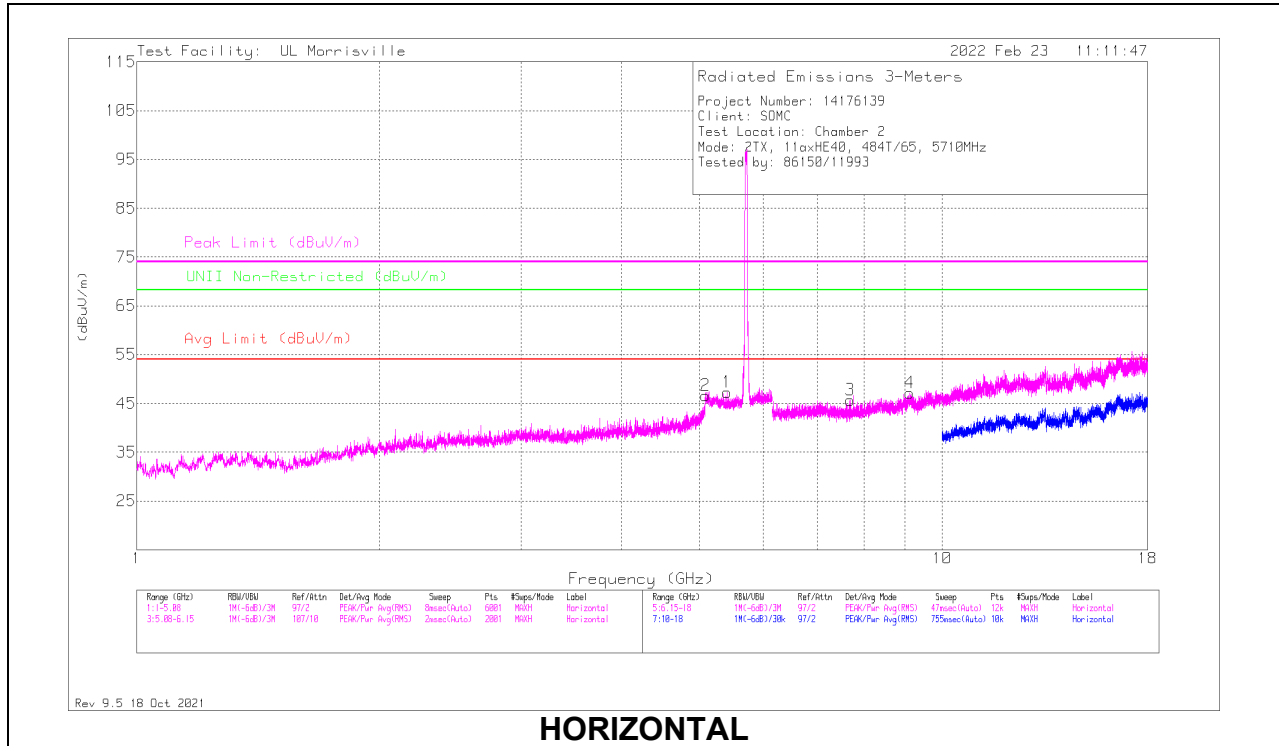
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AT0072 (dB/m)	Amp/Cbl/Pad (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* ** 5.08535	34.66	Pk	34.4	-22.1	46.96	54	-7.04	74	-27.04	-	-	0-360	101	H
4	* ** 5.13029	35.1	Pk	34.2	-22	47.3	54	-6.7	74	-26.7	-	-	0-360	200	V
5	* ** 5.38014	34.18	Pk	34.5	-22.8	45.88	54	-8.12	74	-28.12	-	-	0-360	200	V
2	* ** 5.45985	35.34	Pk	34.6	-23.3	46.64	54	-7.36	74	-27.36	-	-	0-360	200	H
3	* ** 9.36431	36.28	Pk	36.6	-25.8	47.08	54	-6.92	74	-26.92	-	-	0-360	199	H
6	* ** 9.32284	36.11	Pk	36.4	-26.2	46.31	54	-7.69	74	-27.69	-	-	0-360	101	V

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

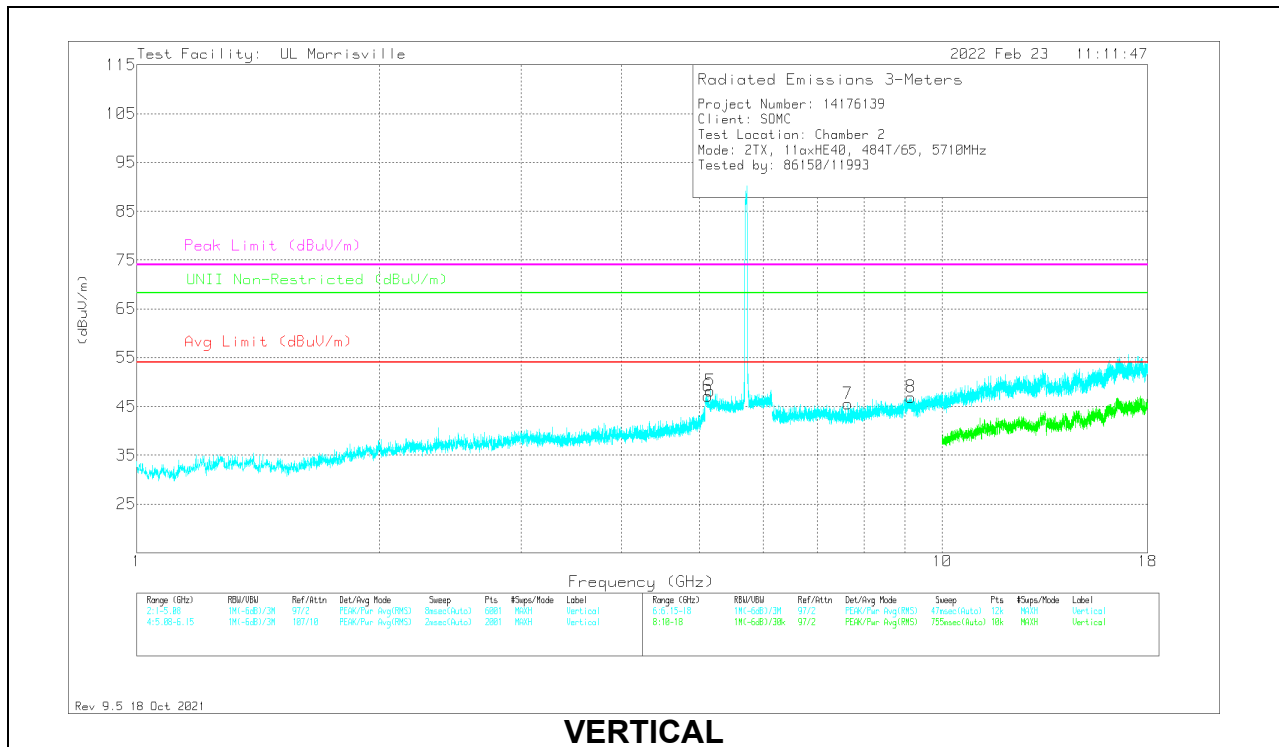
** - indicates frequency in Taiwan NCC LP0002 Restricted Band

Pk - Peak detector

CHANNEL 142



HORIZONTAL



VERTICAL

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AT0072 (dB/m)	Amp/Cbl/Filtr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
3	* ** 7.69149	37.72	Pk	35.8	-27.8	45.72	54	-8.28	74	-28.28	-	-	0-360	200	H
4	* ** 9.1204	37.11	Pk	36.3	-26.3	47.11	54	-6.89	74	-26.89	-	-	0-360	200	H
7	* ** 7.64508	37.02	Pk	35.7	-27.2	45.52	54	-8.48	74	-28.48	-	-	0-360	200	V
8	* ** 9.15595	36.93	Pk	36.3	-26.3	46.93	54	-7.07	74	-27.07	-	-	0-360	200	V
2	* ** 5.08321	34.29	Pk	34.4	-22.1	46.59	54	-7.41	74	-27.41	-	-	0-360	101	H
6	* ** 5.12227	35.01	Pk	34.3	-22.2	47.11	54	-6.89	74	-26.89	-	-	0-360	101	V
1	* ** 5.40796	35.53	Pk	34.5	-22.8	47.23	54	-6.77	74	-26.77	-	-	0-360	101	H
5	** 5.15613	35.34	PK-U	34.1	-21.7	47.74	-	-	74	-26.26	68.2	-20.46	360	112	V
	** 5.15574	22.54	ADV	34.1	-21.8	34.84	54	-19.16	-	-	-	-	360	112	V

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

** - indicates frequency in Taiwan NCC LP0002 Restricted Band

Pk - Peak detector

PK-U - Maximum Peak

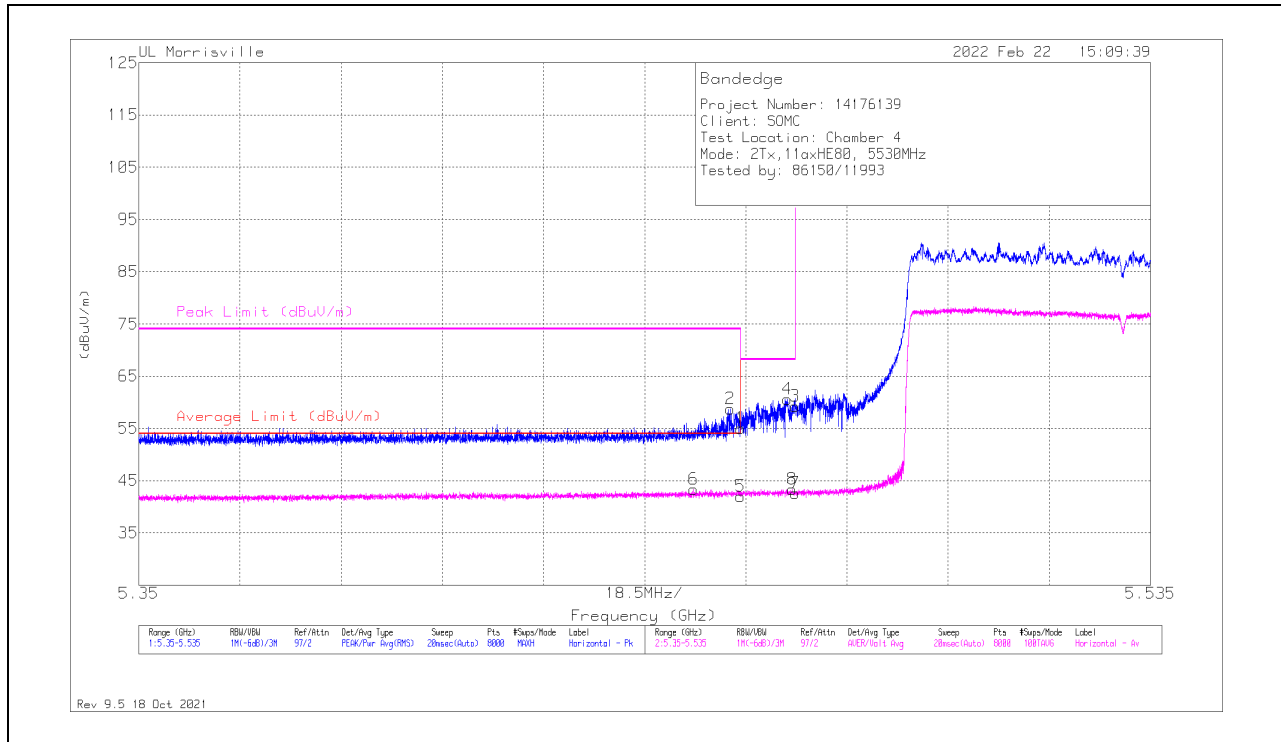
ADV - Linear Voltage Average

10.1.3. TX ABOVE 1 GHz 802.11ax HE80 MODE IN THE 5.6GHz BAND

2TX Chain 0 + Chain 1 OFDMA MODE: 996-Tones, RU Index 67

BANDEDGE (LOW CHANNEL)

HORIZONTAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	206211 (dB/m)	Amp/Cbl/Filtr/Pad (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	*** 5.46	30.32	Pk	34.4	-9.7	55.02	-	-	74	-18.98	100	108	H
2	*** 5.45815	34	Pk	34.4	-9.7	58.7	-	-	74	-15.3	100	108	H
5	*** 5.46	17.31	ADV	34.4	-9.7	42.01	54	-11.99	-	-	100	108	H
6	*** 5.45146	18.74	ADV	34.4	-9.8	43.34	54	-10.66	-	-	100	108	H
4	5.46855	35.89	Pk	34.4	-9.7	60.59	-	-	68.2	-7.61	100	108	H
8	5.4695	18.66	ADV	34.4	-9.7	43.36	-	-	-	-	100	108	H
3	5.46999	34.55	Pk	34.4	-9.7	59.25	-	-	68.2	-8.95	100	108	H
7	5.46999	17.88	ADV	34.4	-9.7	42.58	-	-	-	-	100	108	H

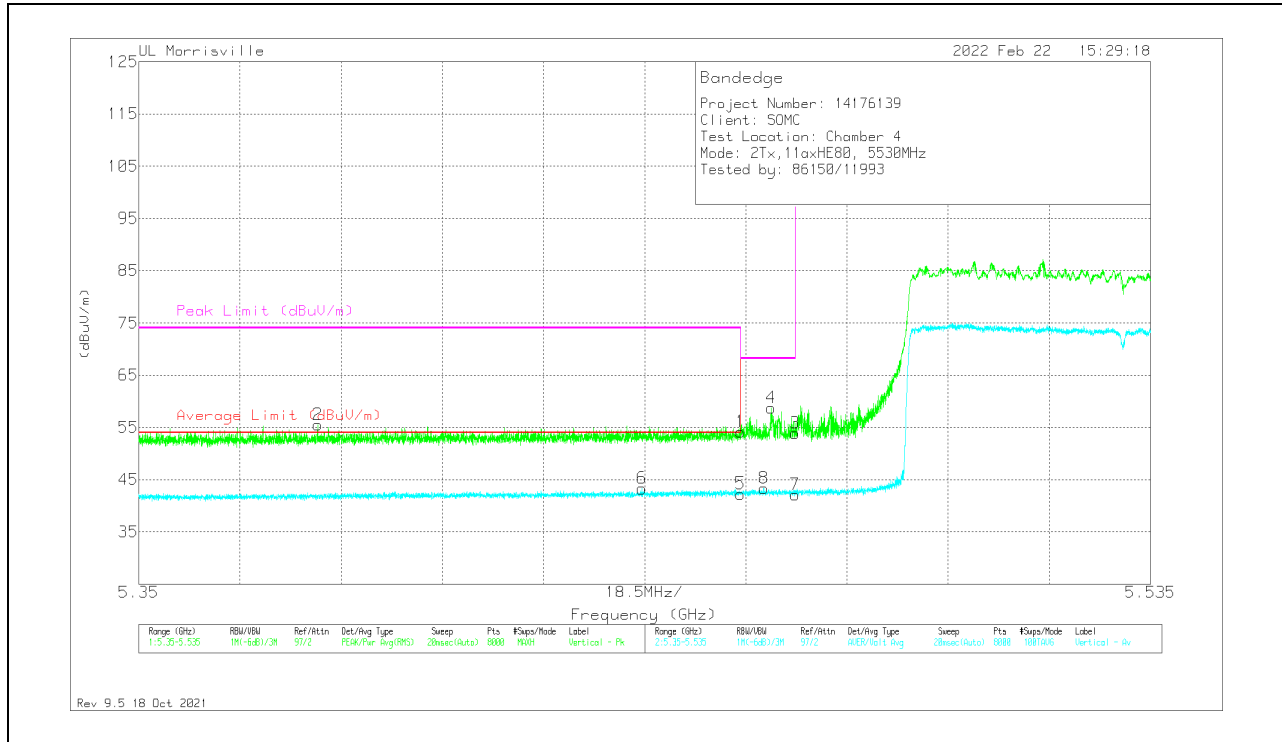
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

** - indicates frequency in Taiwan NCC LP0002 Restricted Band

Pk - Peak detector

ADV - Linear Voltage Average

VERTICAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	206211 (dB/m)	Amp/Cbl/Fitr/Pad (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	*** 5.46	29.44	Pk	34.4	-9.7	54.14	-	-	74	-19.86	3	238	V
2	** 5.3827	31.15	Pk	34.4	-10	55.55	-	-	74	-18.45	3	238	V
5	*** 5.46	17.58	ADV	34.4	-9.7	42.28	54	-11.72	-	-	3	238	V
6	*** 5.442	18.78	ADV	34.4	-9.9	43.28	54	-10.72	-	-	3	238	V
8	5.46432	18.59	ADV	34.4	-9.7	43.29	-	-	-	-	3	238	V
4	5.46559	34.01	Pk	34.4	-9.7	58.71	-	-	68.2	-9.49	3	238	V
3	5.46999	29.17	Pk	34.4	-9.7	53.87	-	-	68.2	-14.33	3	238	V
7	5.46999	17.45	ADV	34.4	-9.7	42.15	-	-	-	-	3	238	V

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

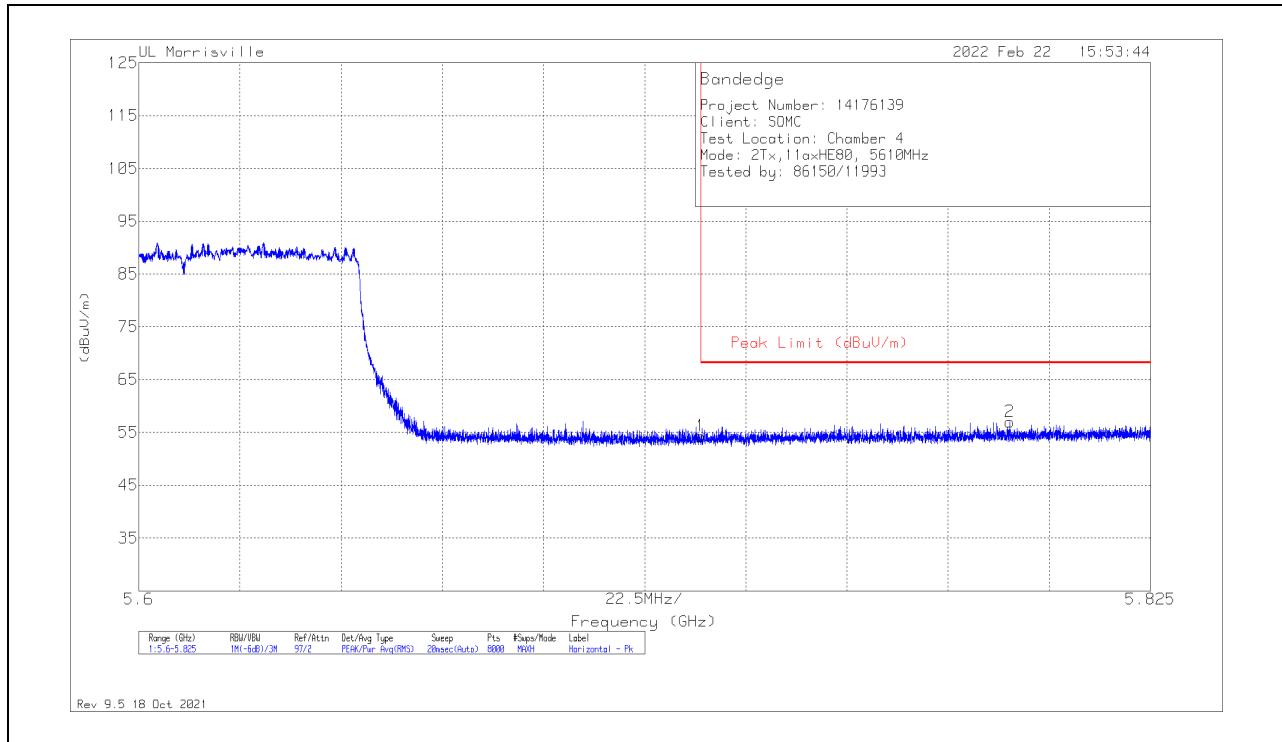
** - indicates frequency in Taiwan NCC LP0002 Restricted Band

Pk - Peak detector

ADV - Linear Voltage Average

BANEDGE (HIGH CHANNEL)

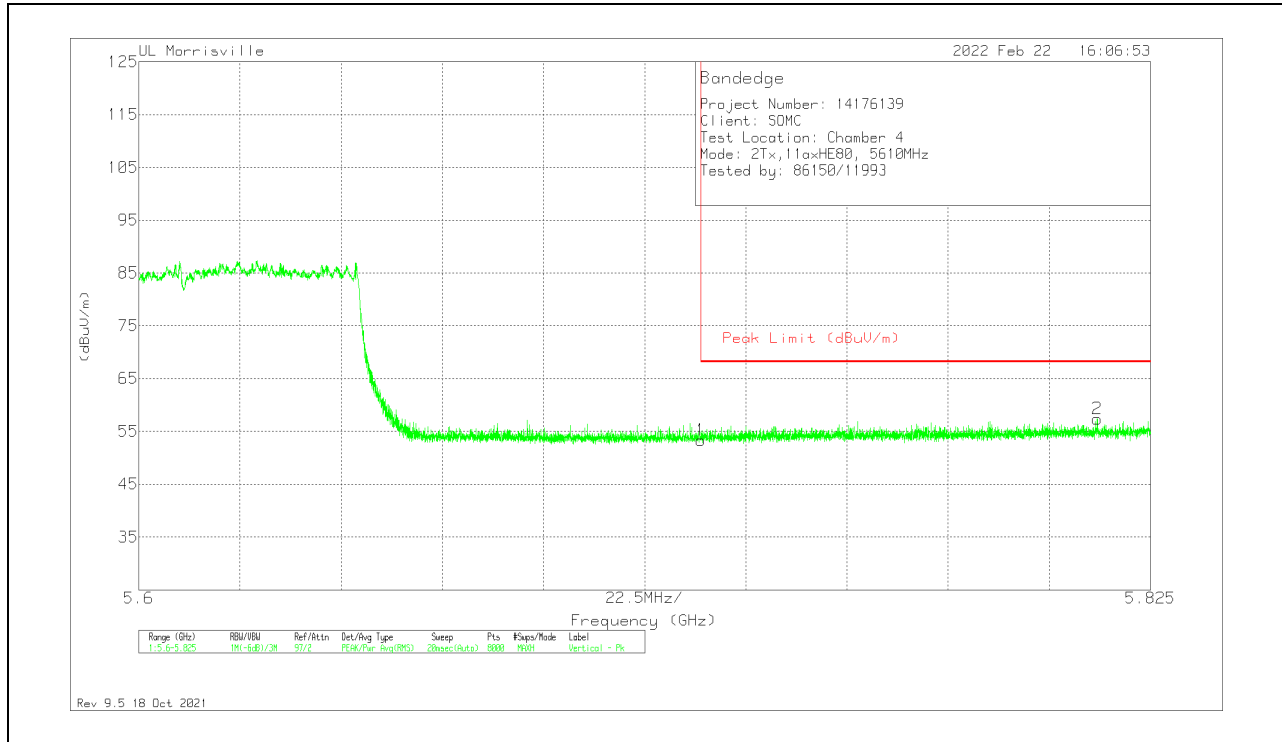
HORIZONTAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	206211 (dB/m)	Amp/Cbl/Fitr/Pad (dB)	Corrected Reading (dBuV/m)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.72501	29.21	Pk	34.5	-9.4	54.31	68.2	-13.89	52	227	H
2	5.7937	31.8	Pk	34.6	-9.4	57	68.2	-11.2	52	227	H

Pk - Peak detector

VERTICAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	206211 (dB/m)	Amp/Cbl/Fitr/Pad (dB)	Corrected Reading (dBuV/m)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.72501	28.24	Pk	34.5	-9.4	53.34	68.2	-14.86	2	364	V
2	5.81316	32.05	Pk	34.7	-9.4	57.35	68.2	-10.85	2	364	V

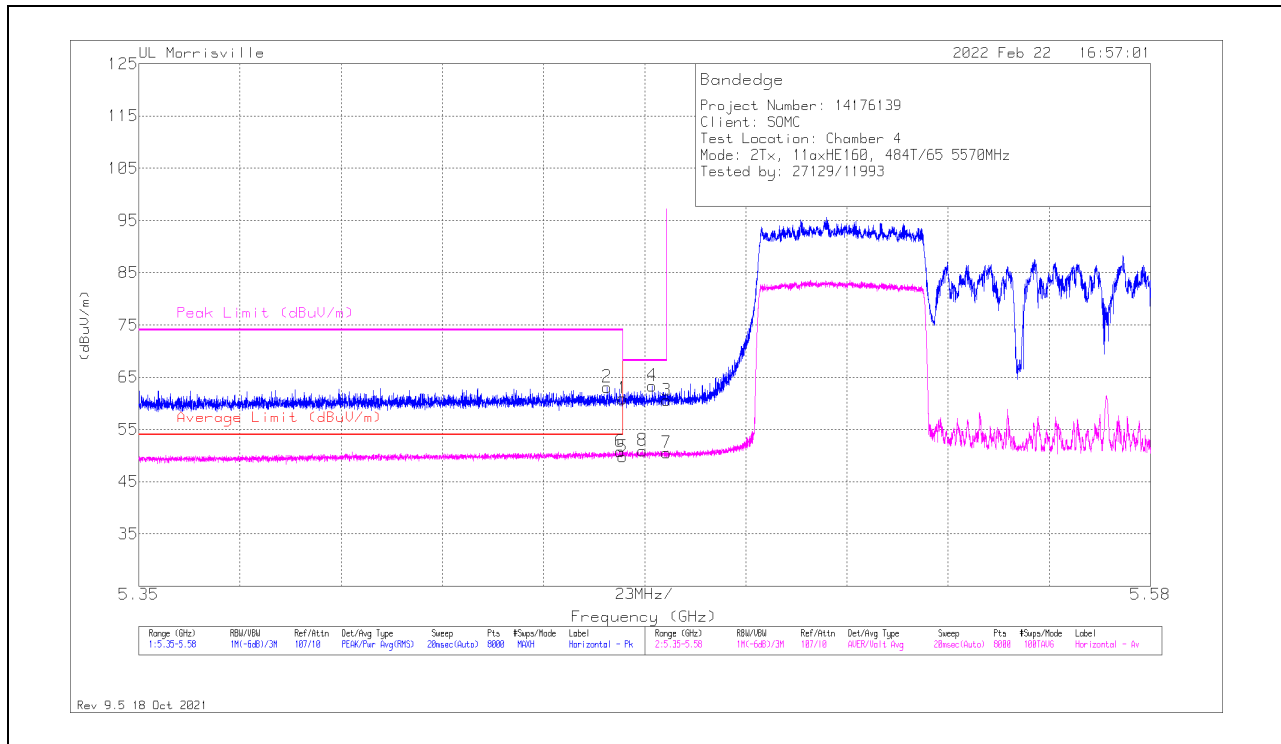
Pk - Peak detector

10.1.4. TX ABOVE 1 GHz 802.11ax HE160 MODE IN THE 5.6GHz BAND

2TX Chain 0 + Chain 1 OFDMA MODE: 484-Tones, RU Index 65

BANDEDGE (MID CHANNEL LOW EDGE)

HORIZONTAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	206211 (dB/m)	Amp/Cbl/Filtr/Pad (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	*** 5.45998	36.21	Pk	34.4	-9.7	60.91	-	-	74	-13.09	84	151	H
2	*** 5.45639	38.54	Pk	34.4	-9.8	63.14	-	-	74	-10.86	84	151	H
5	*** 5.45998	25.04	ADV	34.4	-9.7	49.74	54	-4.26	-	-	84	151	H
6	*** 5.45941	26.05	ADV	34.4	-9.7	50.75	54	-3.25	-	-	84	151	H
8	5.46456	26.27	ADV	34.4	-9.7	50.97	-	-	-	-	84	151	H
4	5.46671	38.69	Pk	34.4	-9.7	63.39	-	-	68.2	-4.81	84	151	H
3	5.46999	35.89	Pk	34.4	-9.7	60.59	-	-	68.2	-7.61	84	151	H
7	5.46999	25.86	ADV	34.4	-9.7	50.56	-	-	-	-	84	151	H

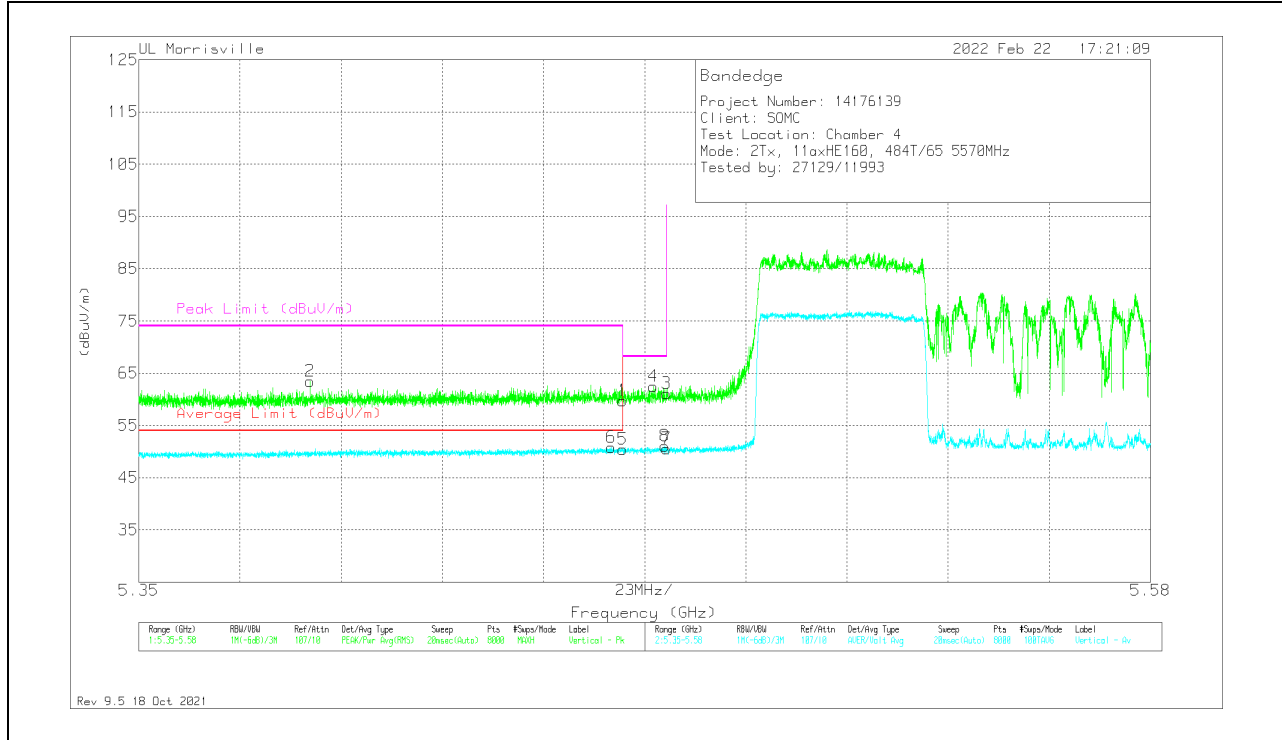
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

** - indicates frequency in Taiwan NCC LP0002 Restricted Band

Pk - Peak detector

ADV - Linear Voltage Average

VERTICAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	206211 (dB/m)	Amp/Cbl/Filtr/Pad (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	*** 5.45998	35.02	Pk	34.4	-9.7	59.72	-	-	74	-14.28	349	102	V
2	*** 5.38893	39	Pk	34.4	-9.9	63.5	-	-	74	-10.5	349	102	V
5	*** 5.45998	25.75	ADV	34.4	-9.7	50.45	54	-3.55	-	-	349	102	V
6	*** 5.45742	26.14	ADV	34.4	-9.8	50.74	54	-3.26	-	-	349	102	V
4	5.46691	37.78	Pk	34.4	-9.7	62.48	-	-	68.2	-5.72	349	102	V
8	5.46962	26.28	ADV	34.4	-9.7	50.98	-	-	-	-	349	102	V
3	5.46999	36.39	Pk	34.4	-9.7	61.09	-	-	68.2	-7.11	349	102	V
7	5.46999	25.79	ADV	34.4	-9.7	50.49	-	-	-	-	349	102	V

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

** - indicates frequency in Taiwan NCC LP0002 Restricted Band

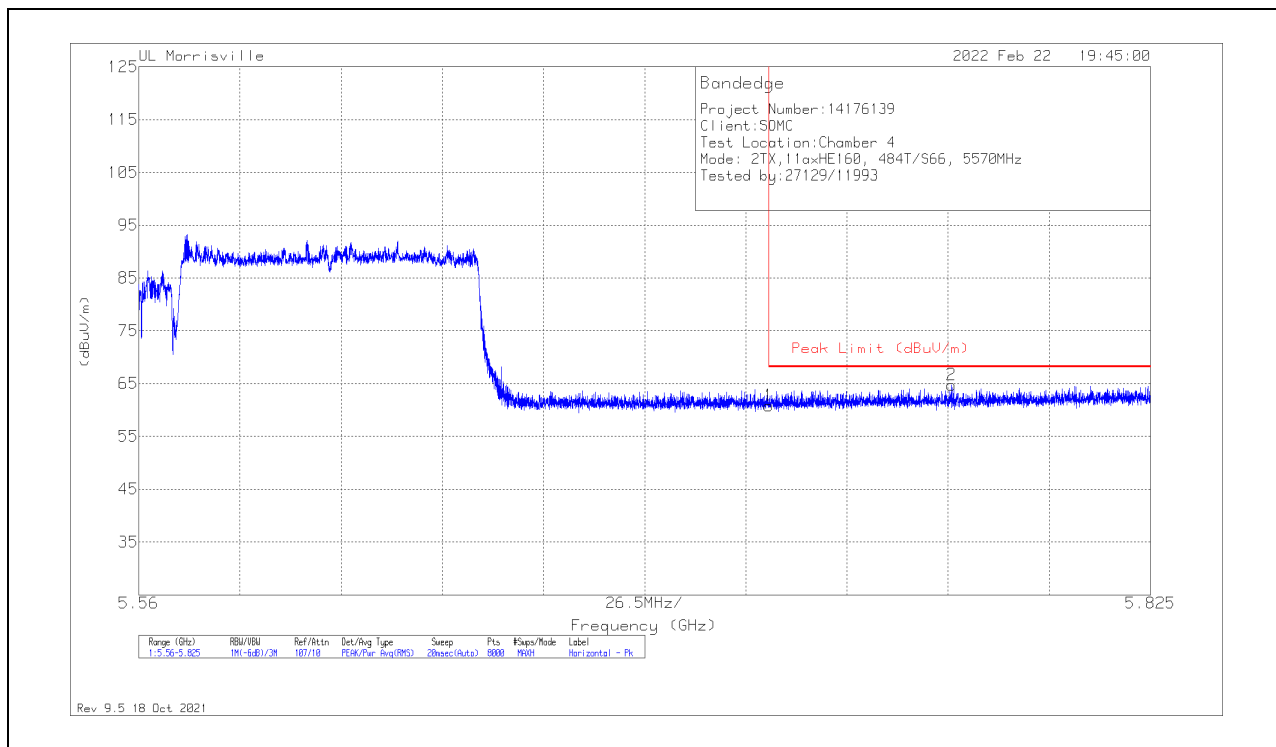
Pk - Peak detector

ADV - Linear Voltage Average

2TX Chain 0 + Chain 1 OFDMA MODE: 484-Tones, RU Index S66

BANDEDGE (MID CHANNEL HIGH EDGE)

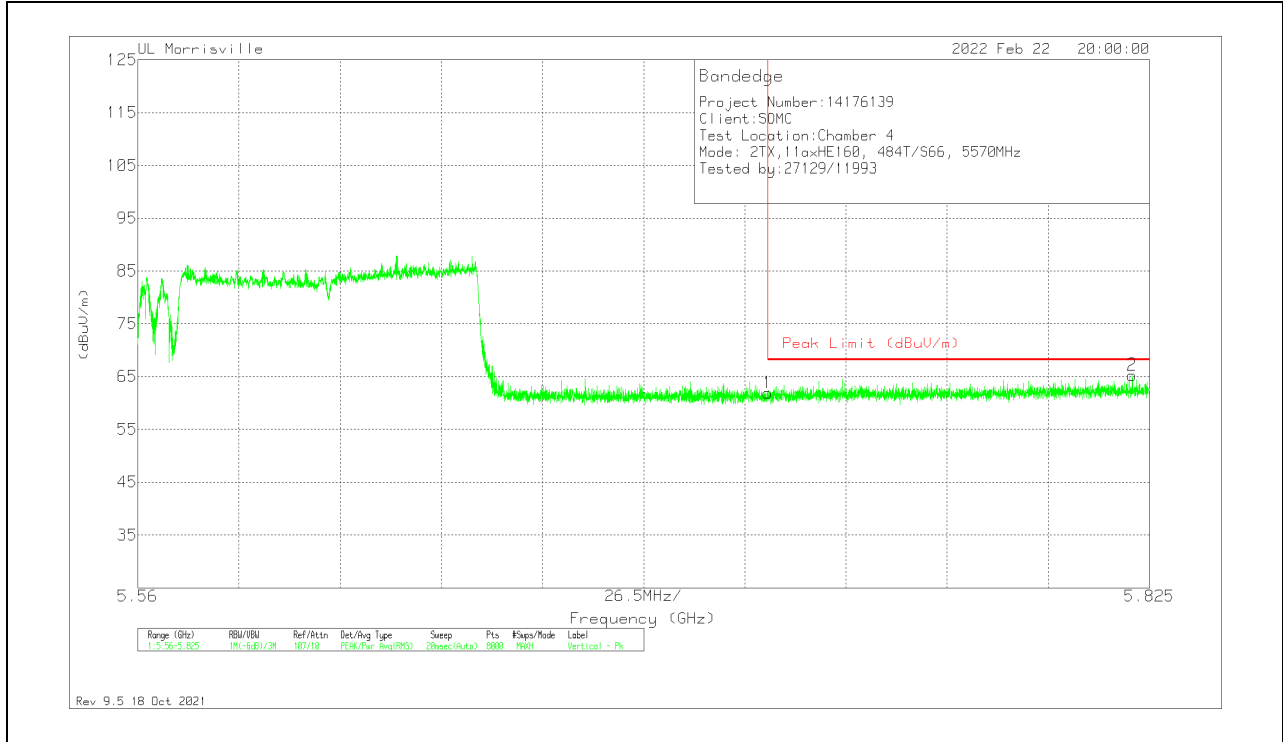
HORIZONTAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	206211 (dB/m)	Amp/Cbl/Fitr/Pad (dB)	Corrected Reading (dBuV/m)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.72502	35.66	Pk	34.5	-9.4	60.76	68.2	-7.44	97	108	H
2	5.77289	39.48	Pk	34.6	-9.4	64.68	68.2	-3.52	97	108	H

Pk - Peak detector

VERTICAL RESULT



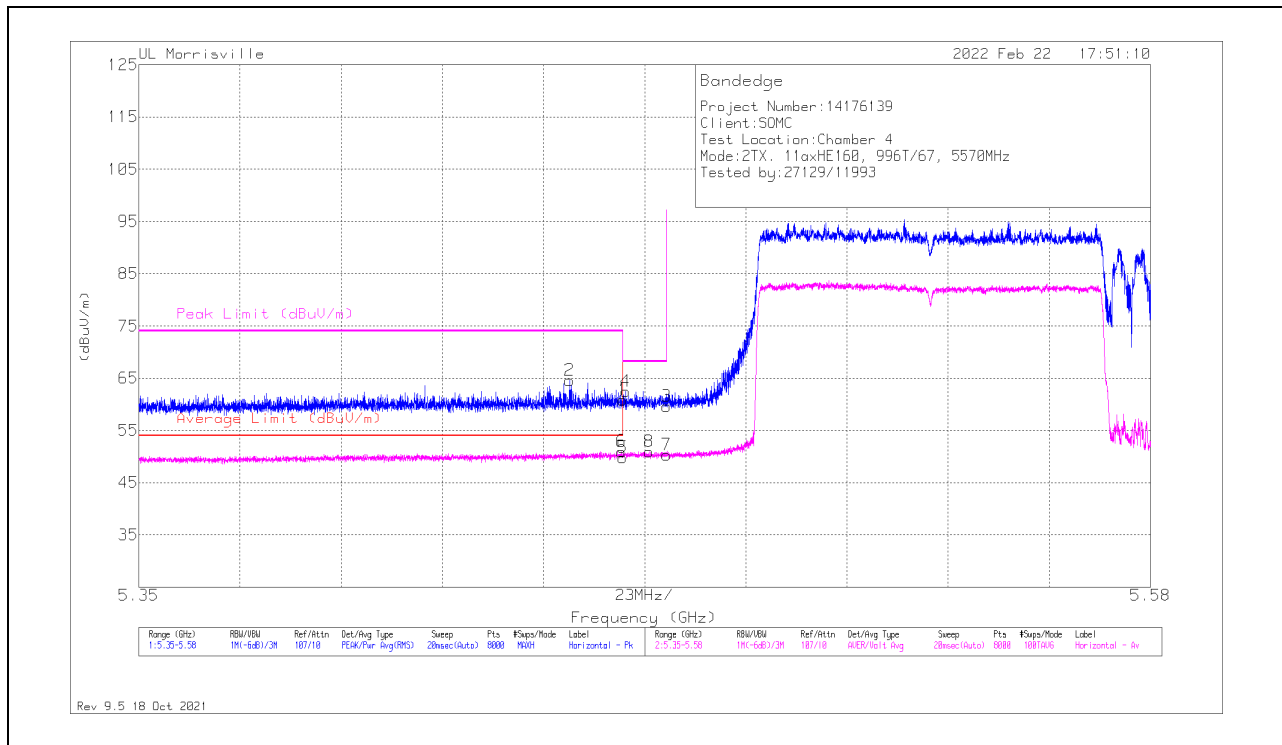
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	206211 (dB/m)	Amp/Cbl/Fitr/Pad (dB)	Corrected Reading (dBuV/m)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.72502	36.77	Pk	34.5	-9.4	61.87	68.2	-6.33	27	376	V
2	5.82049	39.98	Pk	34.7	-9.4	65.28	68.2	-2.92	27	376	V

Pk - Peak detector

2TX Chain 0 + Chain 1 OFDMA MODE: 996-Tones, RU Index 67

BANDEDGE (MID CHANNEL LOW EDGE)

HORIZONTAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	206211 (dB/m)	Amp/Cbl/Filtr/Pad (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* ** 5.45998	36.12	Pk	34.4	-9.7	60.82	-	-	74	-13.18	333	111	H
2	* ** 5.44791	39.95	Pk	34.4	-9.8	64.55	-	-	74	-9.45	333	111	H
5	* ** 5.45998	25.15	ADV	34.4	-9.7	49.85	54	-4.15	-	-	333	111	H
6	* ** 5.45973	26.27	ADV	34.4	-9.7	50.97	54	-3.03	-	-	333	111	H
4	5.4607	37.77	Pk	34.4	-9.7	62.47	-	-	68.2	-5.73	333	111	H
8	5.46602	26.24	ADV	34.4	-9.7	50.94	-	-	-	-	333	111	H
3	5.46999	34.85	Pk	34.4	-9.7	59.55	-	-	68.2	-8.65	333	111	H
7	5.46999	25.59	ADV	34.4	-9.7	50.29	-	-	-	-	333	111	H

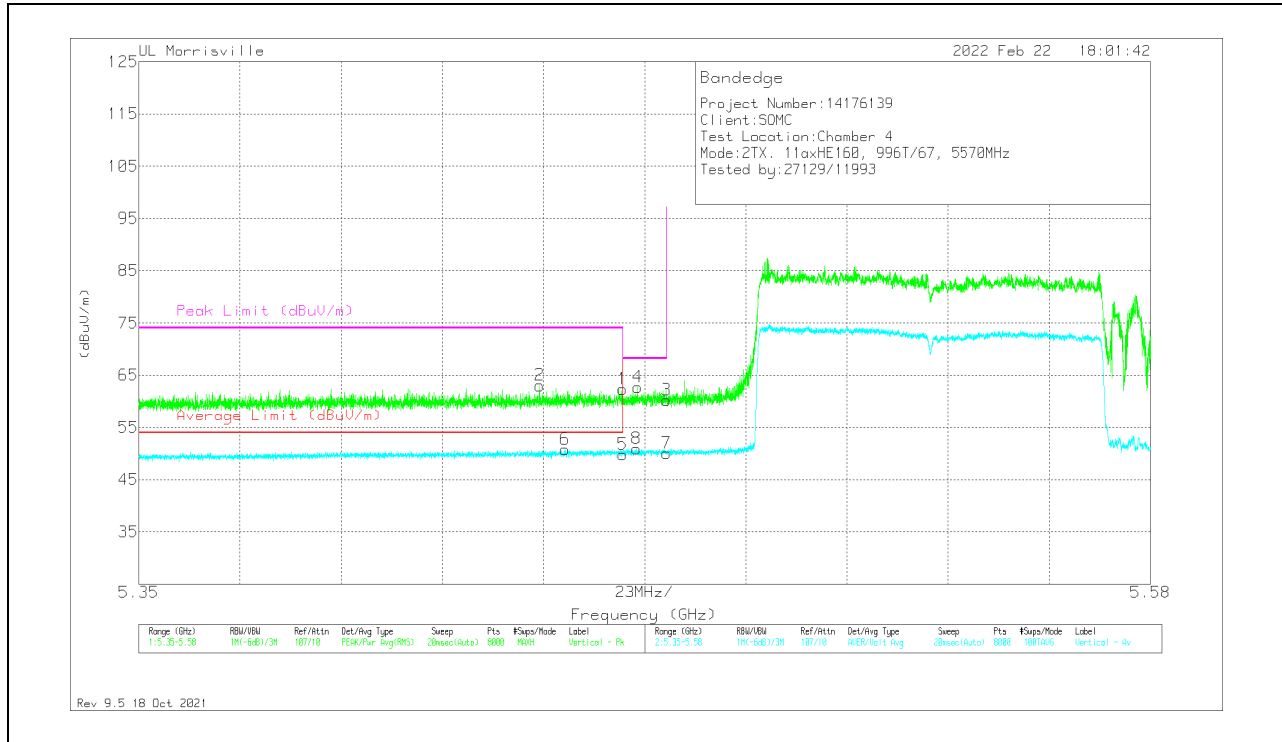
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

** - indicates frequency in Taiwan NCC LP0002 Restricted Band

Pk - Peak detector

ADV - Linear Voltage Average

VERTICAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	206211 (dB/m)	Amp/Cbl/Filtr/Pad (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	*** 5.45998	37.68	Pk	34.4	-9.7	62.38	-	-	74	-11.62	7	100	V
2	*** 5.44112	38.52	Pk	34.4	-9.9	63.02	-	-	74	-10.98	7	100	V
5	*** 5.45998	25.05	ADV	34.4	-9.7	49.75	54	-4.25	-	-	7	100	V
6	*** 5.44687	26.17	ADV	34.4	-9.8	50.77	54	-3.23	-	-	7	100	V
8	5.46309	26.21	ADV	34.4	-9.7	50.91	-	-	-	-	7	100	V
4	5.46341	38.01	Pk	34.4	-9.7	62.71	-	-	68.2	-5.49	7	100	V
3	5.46999	35.57	Pk	34.4	-9.7	60.27	-	-	68.2	-7.93	7	100	V
7	5.46999	25.34	ADV	34.4	-9.7	50.04	-	-	-	-	7	100	V

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

** - indicates frequency in Taiwan NCC LP0002 Restricted Band

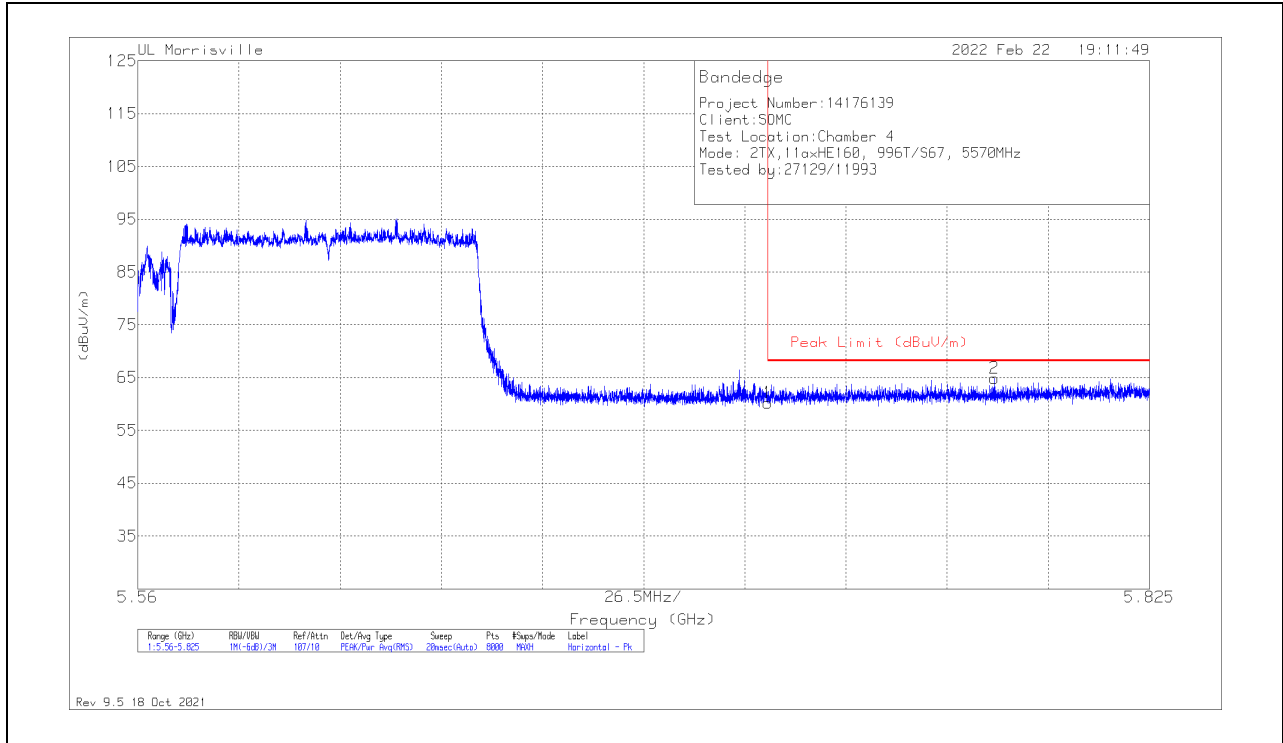
Pk - Peak detector

ADV - Linear Voltage Average

2TX Chain 0 + Chain 1 OFDMA MODE: 996-Tones, RU Index S67

BANDEDGE (MID CHANNEL HIGH EDGE)

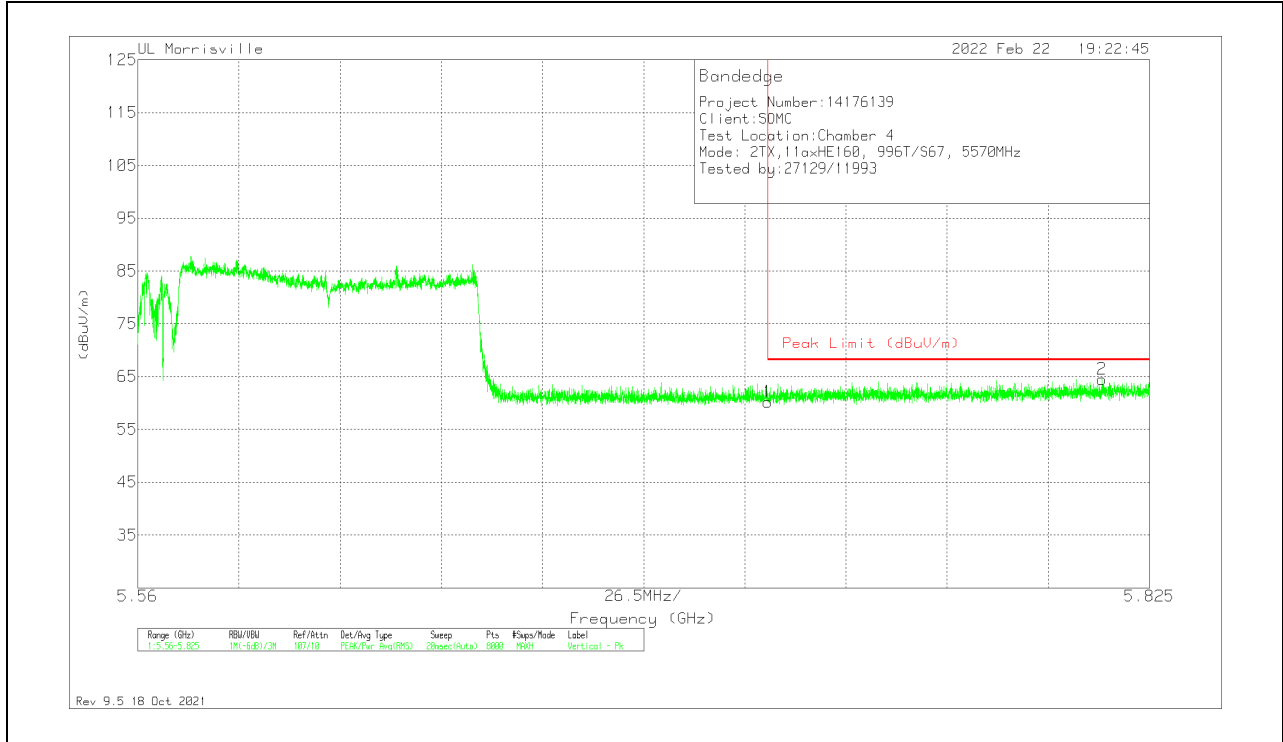
HORIZONTAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	206211 (dB/m)	Amp/Cbl/Fitr/Pad (dB)	Corrected Reading (dBuV/m)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.72502	35.14	Pk	34.5	-9.4	60.24	68.2	-7.96	74	136	H
2	5.78442	39.63	Pk	34.6	-9.4	64.83	68.2	-3.37	74	136	H

Pk - Peak detector

VERTICAL RESULT



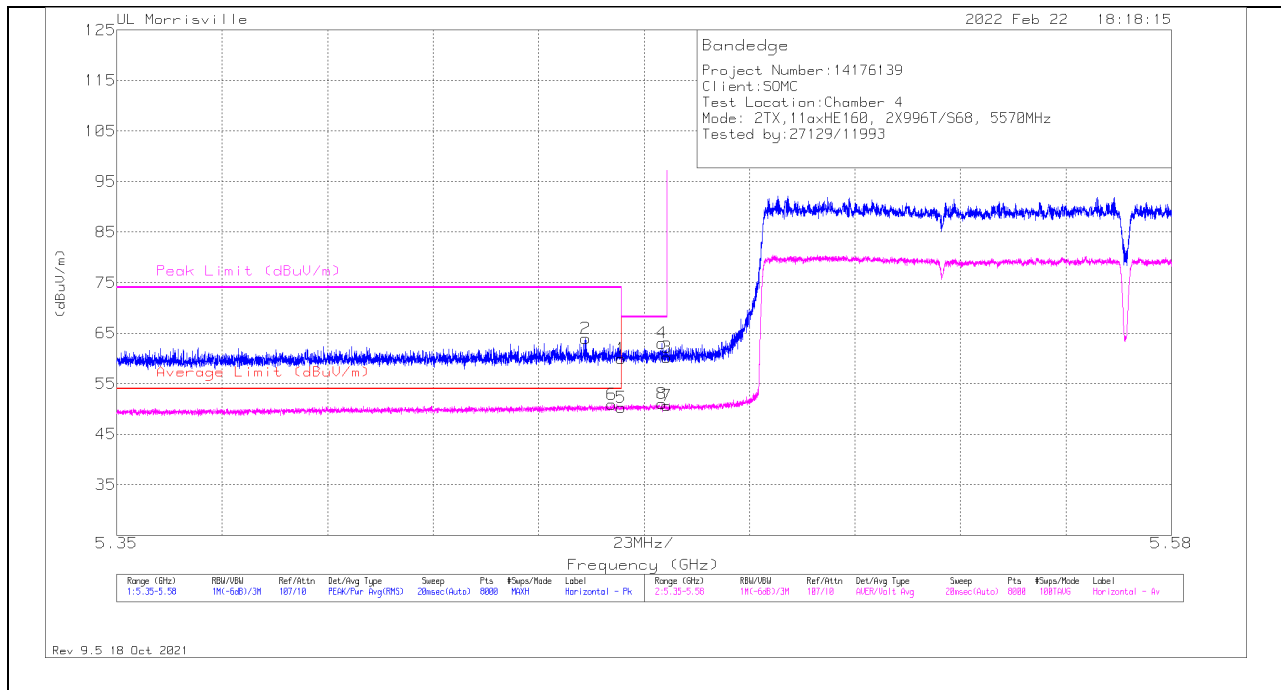
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	206211 (dB/m)	Amp/Cbl/Fitr/Pad (dB)	Corrected Reading (dBuV/m)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.72502	35.14	Pk	34.5	-9.4	60.24	68.2	-7.96	7	397	V
2	5.81258	39.17	Pk	34.7	-9.4	64.47	68.2	-3.73	7	397	V

Pk - Peak detector

2TX Chain 0 + Chain 1 OFDMA MODE: 2x 996-Tones, Index 68

BANDEDGE (MID CHANNEL LOW EDGE)

HORIZONTAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	206211 (dB/m)	Amp/Cbl/Filtr/Pad (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	*** 5.45998	35.25	Pk	34.4	-9.7	59.95	-	-	74	-14.05	331	100	H
2	*** 5.45228	39.32	Pk	34.4	-9.8	63.92	-	-	74	-10.08	331	100	H
5	*** 5.45998	25.55	ADV	34.4	-9.7	50.25	54	-3.75	-	-	331	100	H
6	*** 5.45797	26.25	ADV	34.4	-9.7	50.95	54	-3.05	-	-	331	100	H
4	5.46887	38.32	Pk	34.4	-9.7	63.02	-	-	68.2	-5.18	331	100	H
8	5.46887	26.28	ADV	34.4	-9.7	50.98	-	-	-	-	331	100	H
3	5.46999	35.5	Pk	34.4	-9.7	60.2	-	-	68.2	-8	331	100	H
7	5.46999	25.98	ADV	34.4	-9.7	50.68	-	-	-	-	331	100	H

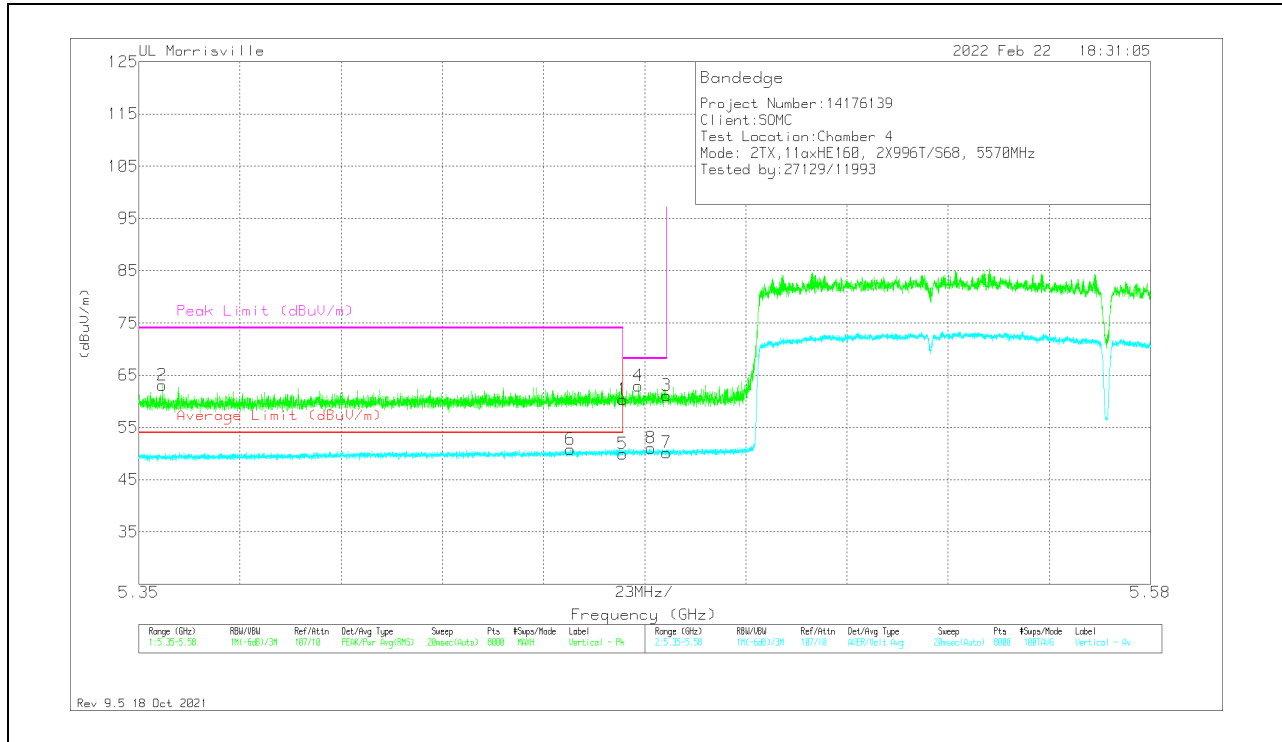
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

** - indicates frequency in Taiwan NCC LP0002 Restricted Band

Pk - Peak detector

ADV - Linear Voltage Average

VERTICAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	206211 (dB/m)	Amp/Cbl/Filtr/Pad (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	*** 5.45998	35.63	Pk	34.4	-9.7	60.33	-	-	74	-13.67	4	378	V
2	*** 5.35535	38.79	Pk	34.5	-10.2	63.09	-	-	74	-10.91	4	378	V
5	*** 5.45998	25.18	ADV	34.4	-9.7	49.88	54	-4.12	-	-	4	378	V
6	*** 5.44814	26.24	ADV	34.4	-9.8	50.84	54	-3.16	-	-	4	378	V
4	5.46361	38.29	Pk	34.4	-9.7	62.99	-	-	68.2	-5.21	4	378	V
8	5.46648	26.3	ADV	34.4	-9.7	51	-	-	-	-	4	378	V
3	5.46999	36.42	Pk	34.4	-9.7	61.12	-	-	68.2	-7.08	4	378	V
7	5.46999	25.52	ADV	34.4	-9.7	50.22	-	-	-	-	4	378	V

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

** - indicates frequency in Taiwan NCC LP0002 Restricted Band

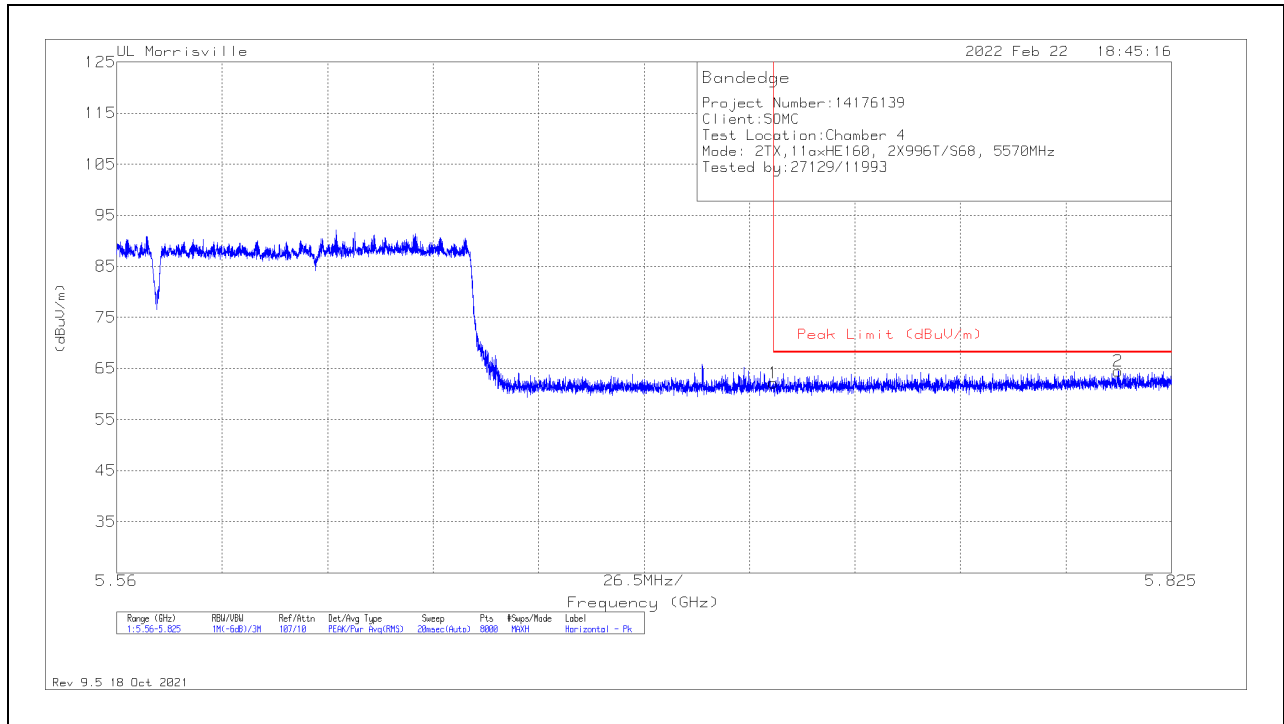
Pk - Peak detector

ADV - Linear Voltage Average

2TX Chain 0 + Chain 1 OFDMA MODE: 2x 996-Tones, Index 68

BANDEDGE (MID CHANNEL HIGH EDGE)

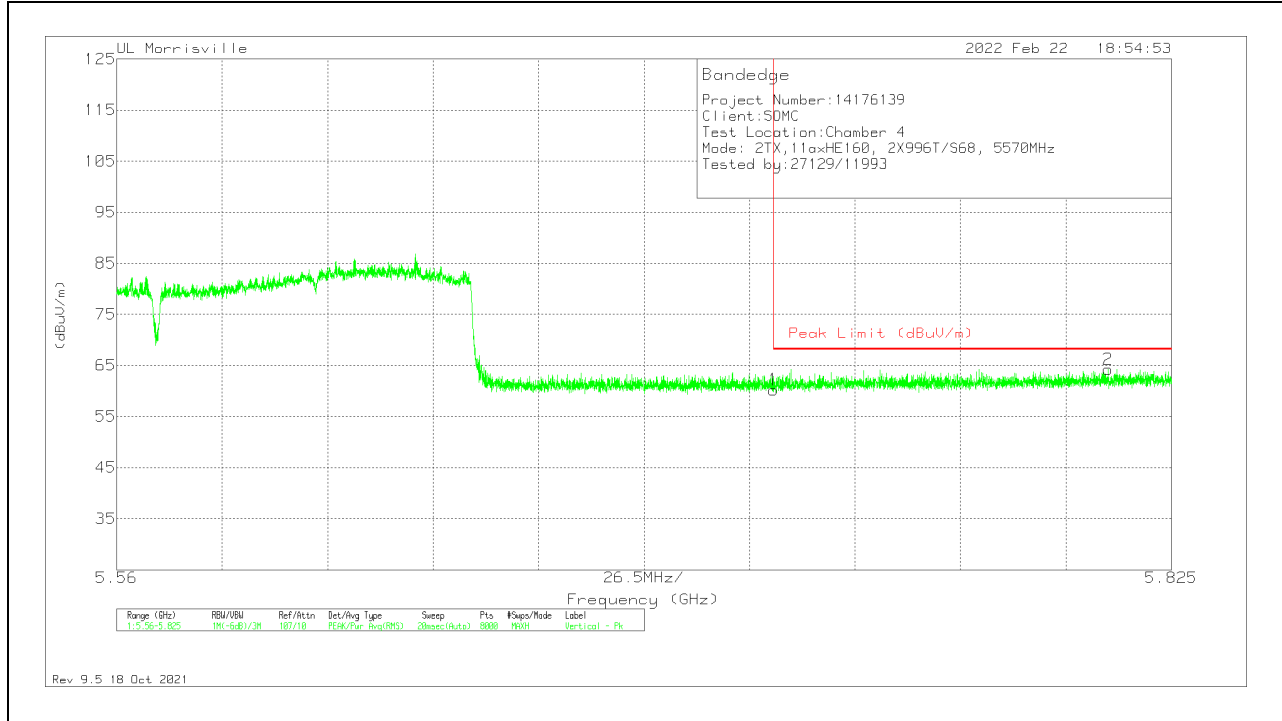
HORIZONTAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	206211 (dB/m)	Amp/Cbl/Fltr/Pad (dB)	Corrected Reading (dBuV/m)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.72502	37.09	Pk	34.5	-9.4	62.19	68.2	-6.01	67	119	H
2	5.81155	39.23	Pk	34.7	-9.4	64.53	68.2	-3.67	67	119	H

Pk - Peak detector

VERTICAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	206211 (dB/m)	Amp/Cbl/Fltr/Pad (dB)	Corrected Reading (dBuV/m)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.72502	35.15	Pk	34.5	-9.4	60.25	68.2	-7.95	29	400	V
2	5.8091	38.96	Pk	34.7	-9.4	64.26	68.2	-3.94	29	400	V

Pk - Peak detector

11. SETUP PHOTOS

Please refer to R14176139-EP2 for setup photos

END OF TEST REPORT