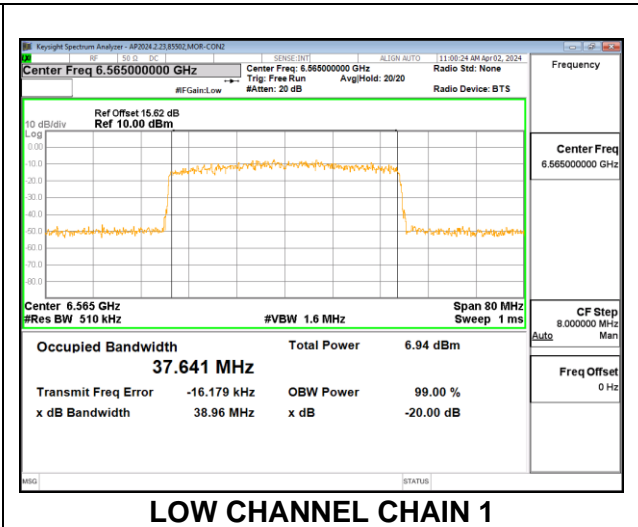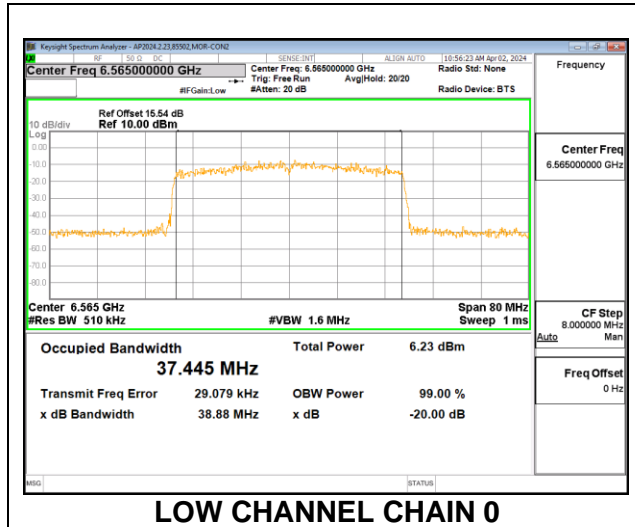**2TX CHAIN 0 + CHAIN 1 CDD OFDMA MODE: SU**
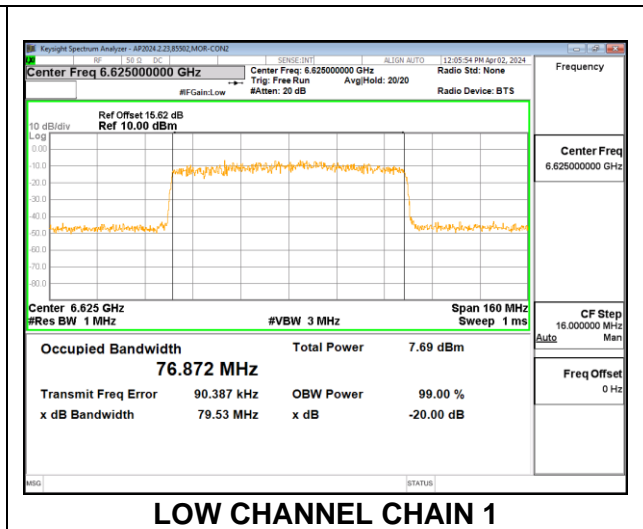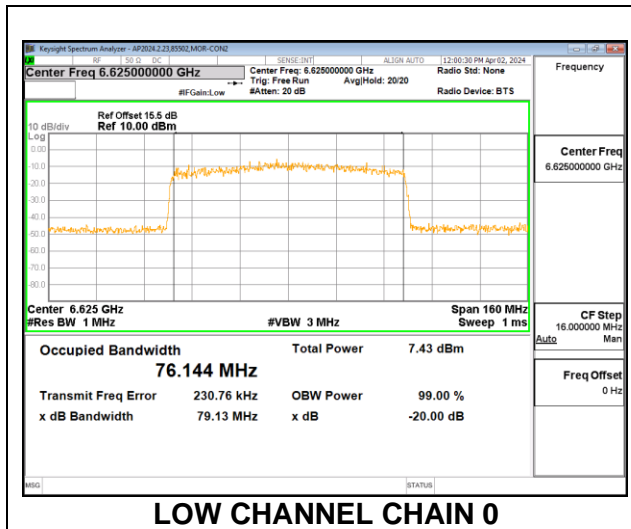
Channel	Frequency (MHz)	99% Bandwidth Chain 0 (MHz)	99% Bandwidth Chain 1 (MHz)	Limit (MHz)	Worst-Case Margin (MHz)
Low	6565	37.45	37.64	320	-282.36
Mid	6685	37.44	37.44	320	-282.56
High	6845	37.58	37.47	320	-282.42

LOW CHANNEL CHAIN 0

LOW CHANNEL CHAIN 1

9.4.12. 802.11ax HE80 MODE 2TX IN THE UNII-7 BAND

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

Channel	Frequency (MHz)	99% Bandwidth Chain 0 (MHz)	99% Bandwidth Chain 1 (MHz)	Limit (MHz)	Worst-Case Margin (MHz)
Low	6625	76.14	76.87	320	-243.13
Mid	6705	76.88	76.29	320	-243.12
High	6785	76.56	76.84	320	-243.16

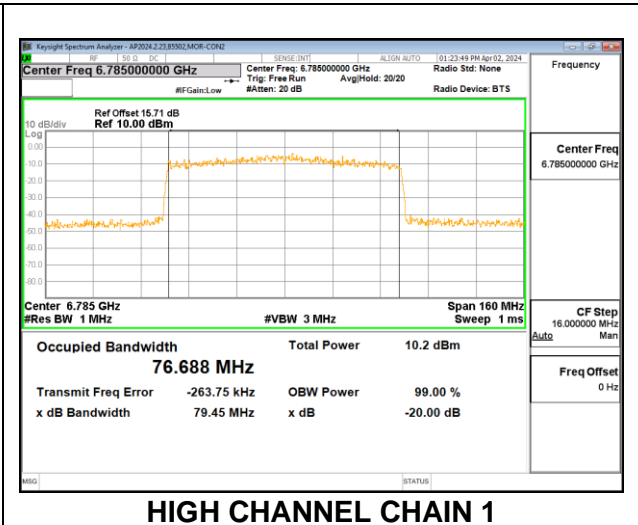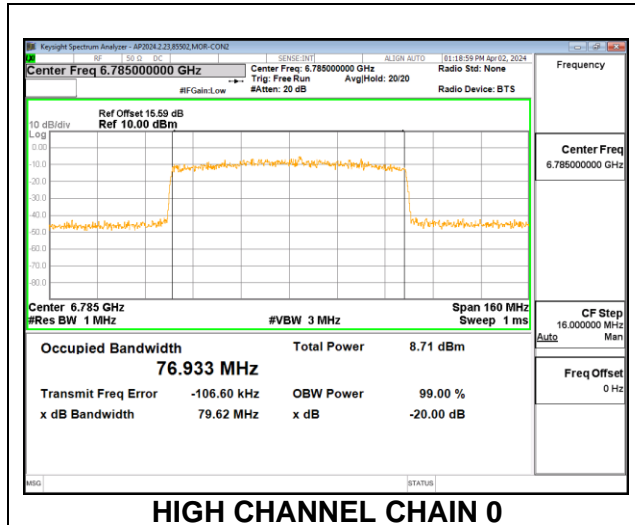| LOW CHANNEL CHAIN 0	LOW CHANNEL CHAIN 1

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

Channel	Frequency (MHz)	99% Bandwidth Chain 0 (MHz)	99% Bandwidth Chain 1 (MHz)	Limit (MHz)	Worst-Case Margin (MHz)
Low	6625	76.58	76.84	320	-243.16
Mid	6705	76.65	76.72	320	-243.29
High	6785	76.93	76.69	320	-243.07

HIGH CHANNEL CHAIN 0

HIGH CHANNEL CHAIN 1

9.4.13.   802.11a MODE 2TX IN THE UNII-8 BAND

2TX CHAIN 0 + CHAIN 1 CDD OFDMA MODE

Channel	Frequency (MHz)	99% Bandwidth Chain 0 (MHz)	99% Bandwidth Chain 1 (MHz)	Limit (MHz)	Worst-Case Margin (MHz)
Low	6875	17.20	16.83	320	-302.80
Mid	6995	17.29	16.86	320	-302.71
High	7115	17.11	16.85	320	-302.89

MID CHANNEL CHAIN 0	MID CHANNEL CHAIN 1
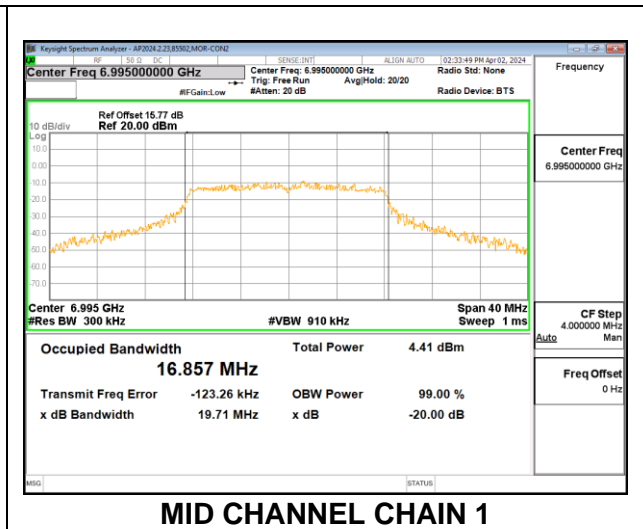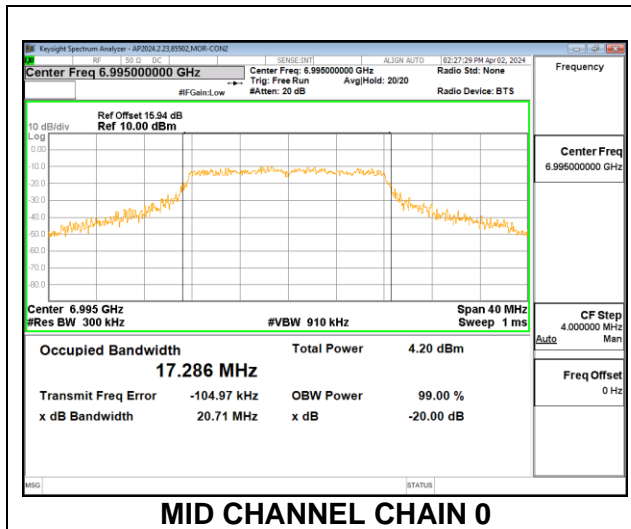
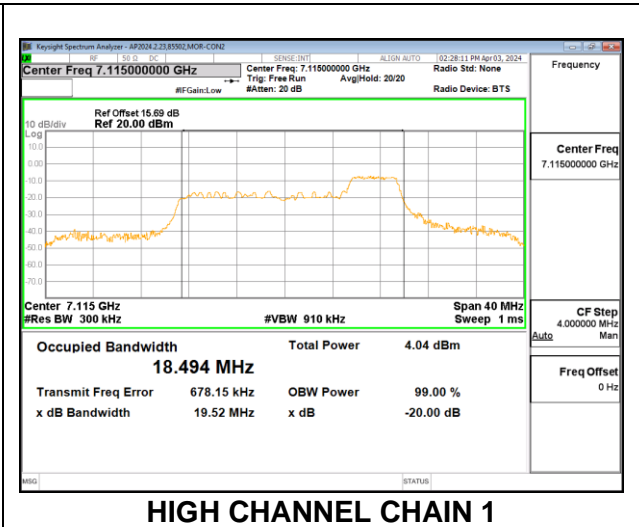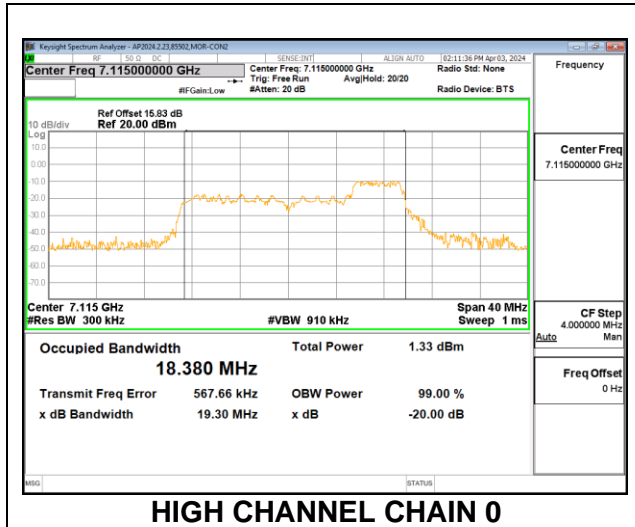## 9.4.14.   802.11ax HE20 MODE 2TX IN THE UNII-8 BAND

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

Channel	Frequency (MHz)	99% Bandwidth Chain 0 (MHz)	99% Bandwidth Chain 1 (MHz)	Limit (MHz)	Worst-Case Margin (MHz)
Low	6875	18.69	18.63	320	-301.31
Mid	6995	17.12	17.12	320	-302.88
High	7115	18.66	18.67	320	-301.33

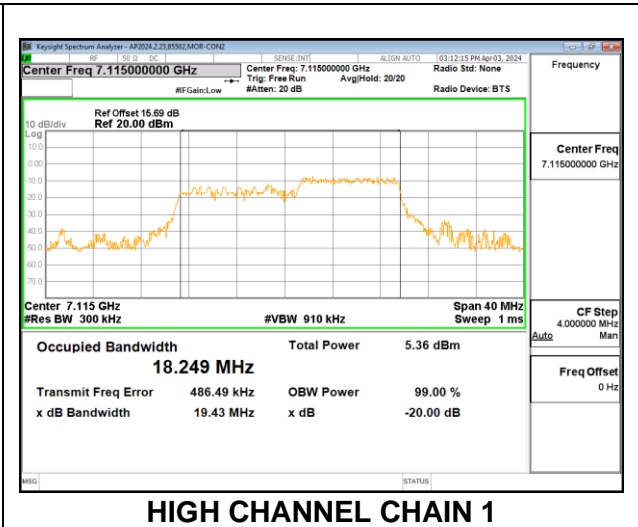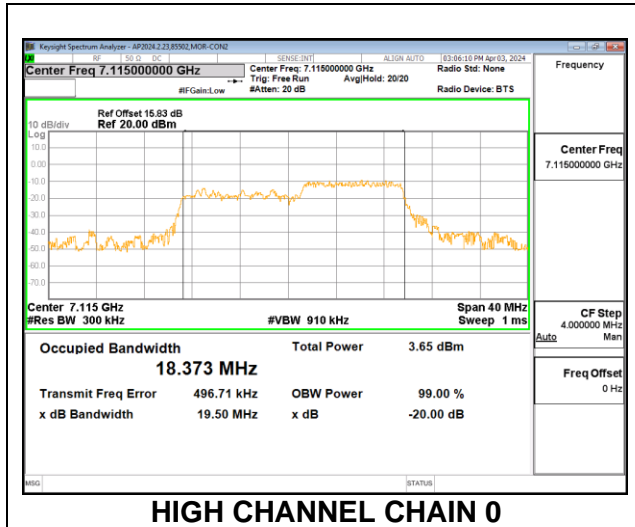| LOW CHANNEL CHAIN 0	LOW CHANNEL CHAIN 1
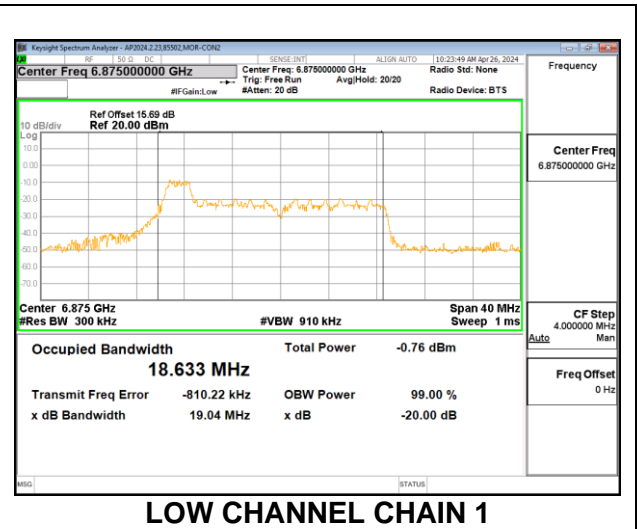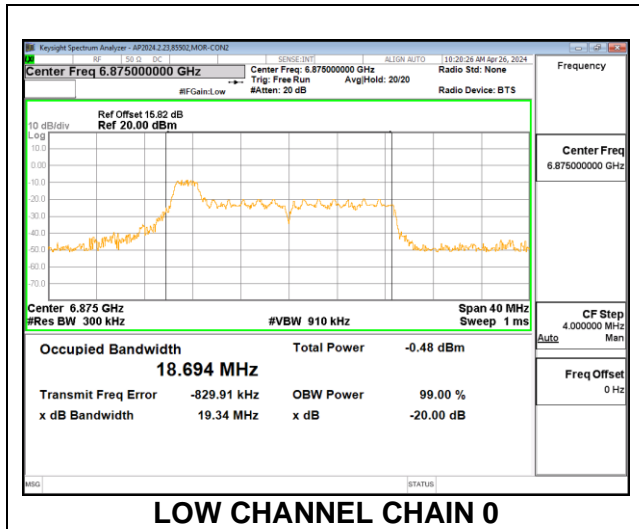
2TX CHAIN 0 + CHAIN 1 CDD OFDMA MODE: 52T

Channel	Frequency (MHz)	99% Bandwidth Chain 0 (MHz)	99% Bandwidth Chain 1 (MHz)	Limit (MHz)	Worst-Case Margin (MHz)
Low	6875	18.39	18.27	320	-301.62
Mid	6995	17.21	17.11	320	-302.79
High	7115	18.38	18.49	320	-301.51

HIGH CHANNEL CHAIN 0
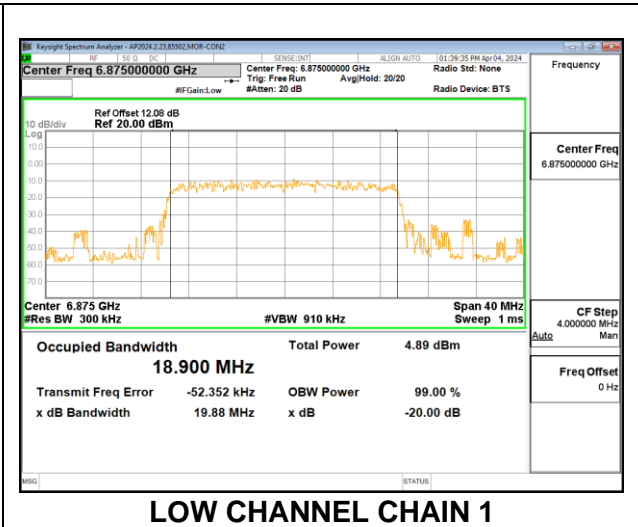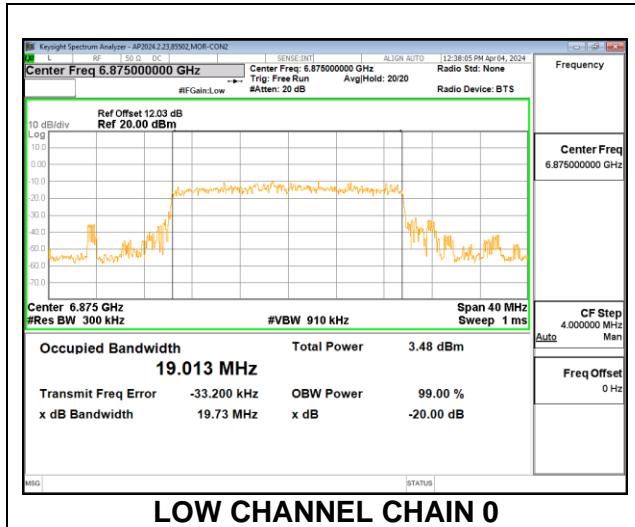

HIGH CHANNEL CHAIN 1

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

Channel	Frequency (MHz)	99% Bandwidth Chain 0 (MHz)	99% Bandwidth Chain 1 (MHz)	Limit (MHz)	Worst-Case Margin (MHz)
Low	6875	18.33	18.27	320	-301.73
Mid	6995	18.32	18.27	320	-301.68
High	7115	18.37	18.25	320	-301.63

HIGH CHANNEL CHAIN 0
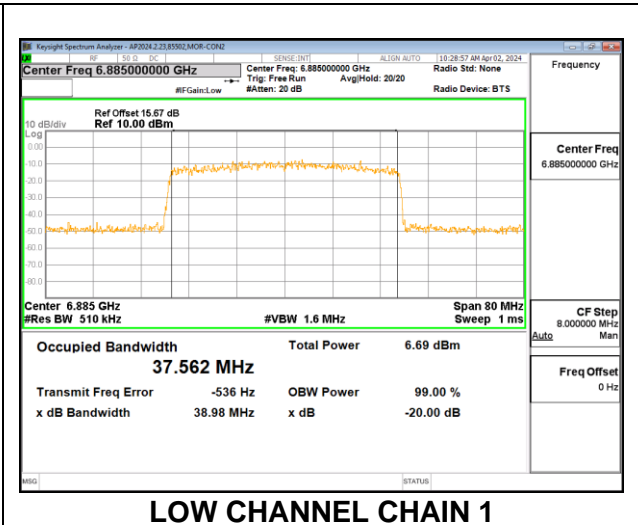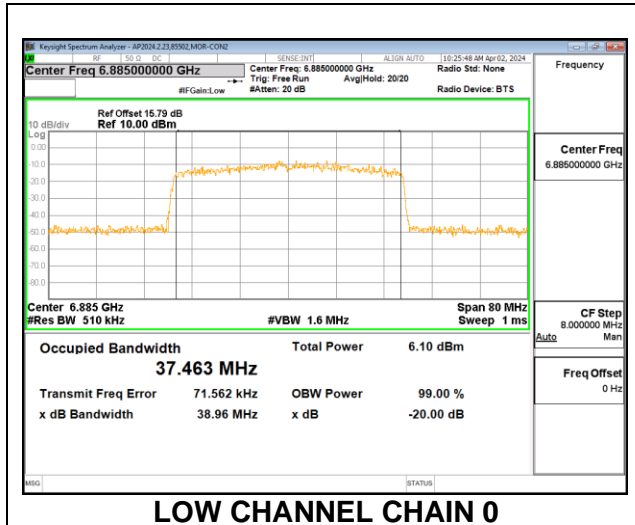

HIGH CHANNEL CHAIN 1

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

Channel	Frequency (MHz)	99% Bandwidth Chain 0 (MHz)	99% Bandwidth Chain 1 (MHz)	Limit (MHz)	Worst-Case Margin (MHz)
Low	6875	19.01	18.90	320	-300.99
Mid	6995	19.00	18.99	320	-301.00
High	7115	18.87	18.95	320	-301.05

LOW CHANNEL CHAIN 0

LOW CHANNEL CHAIN 1

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

Channel	Frequency (MHz)	99% Bandwidth Chain 0 (MHz)	99% Bandwidth Chain 1 (MHz)	Limit (MHz)	Worst-Case Margin (MHz)
Low	6875	18.99	19.05	320	-300.95
Mid	6995	19.02	19.05	320	-300.95
High	7115	18.93	18.97	320	-301.03

MID CHANNEL CHAIN 0

MID CHANNEL CHAIN 1

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## 9.4.15.　　802.11ax HE40 MODE 2TX IN THE UNII-8 BAND

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

Channel	Frequency (MHz)	99% Bandwidth Chain 0 (MHz)	99% Bandwidth Chain 1 (MHz)	Limit (MHz)	Worst-Case Margin (MHz)
Low	6885	37.27	37.47	320	-282.53
Mid	6965	37.28	37.59	320	-282.41
High	7085	37.49	37.36	320	-282.51
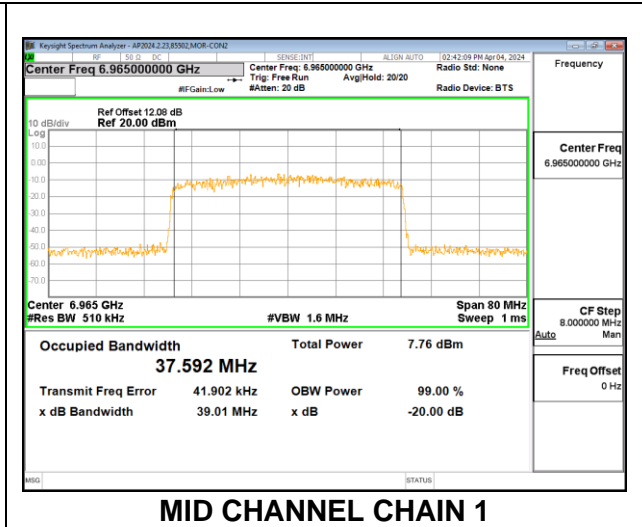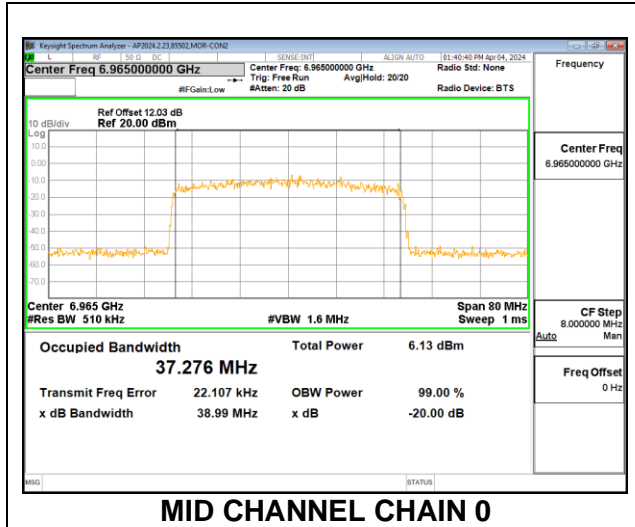
MID CHANNEL CHAIN 0　　　　　　　**MID CHANNEL CHAIN 1**

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

Channel	Frequency (MHz)	99% Bandwidth Chain 0 (MHz)	99% Bandwidth Chain 1 (MHz)	Limit (MHz)	Worst-Case Margin (MHz)
Low	6885	37.46	37.56	320	-282.44
Mid	6965	37.47	37.45	320	-282.53
High	7085	37.52	37.46	320	-282.48

LOW CHANNEL CHAIN 0

LOW CHANNEL CHAIN 1

9.4.16. 802.11ax HE80 MODE 2TX IN THE UNII-8 BAND

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

Channel	Frequency (MHz)	99% Bandwidth Chain 0 (MHz)	99% Bandwidth Chain 1 (MHz)	Limit (MHz)	Worst-Case Margin (MHz)
Low	6865	76.93	76.94	320	-243.06
Mid	6945	77.21	76.95	320	-242.79
High	7025	76.80	76.80	320	-243.20
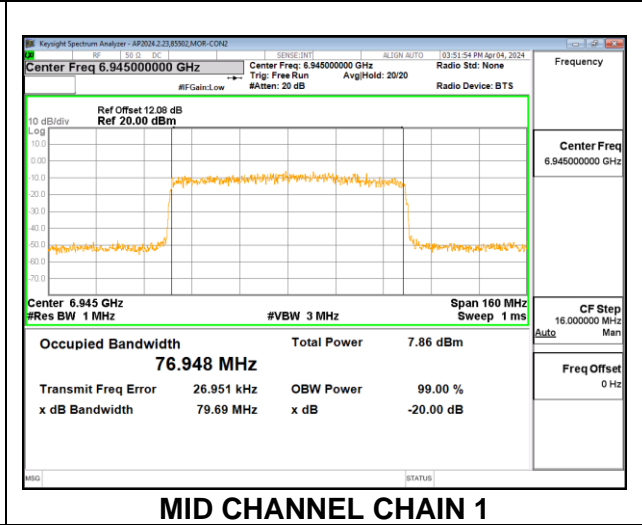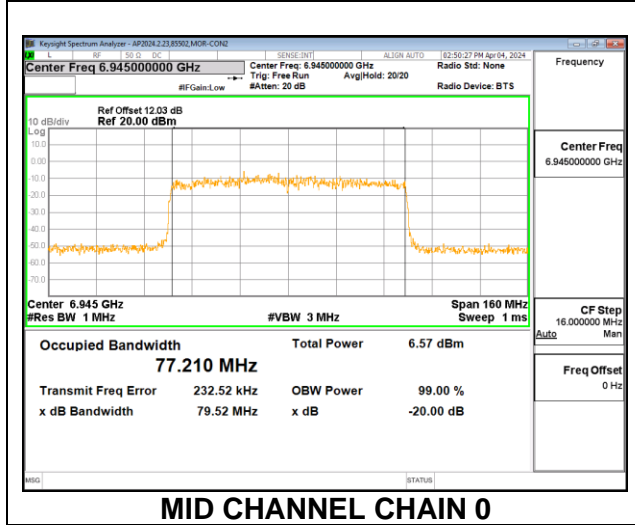
MID CHANNEL CHAIN 0	MID CHANNEL CHAIN 1

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

Channel	Frequency (MHz)	99% Bandwidth Chain 0 (MHz)	99% Bandwidth Chain 1 (MHz)	Limit (MHz)	Worst-Case Margin (MHz)
Low	6865	76.84	76.84	320	-243.16
Mid	6945	76.73	76.91	320	-243.09
High	7025	76.68	76.69	320	-243.31

MID CHANNEL CHAIN 0

MID CHANNEL CHAIN 1
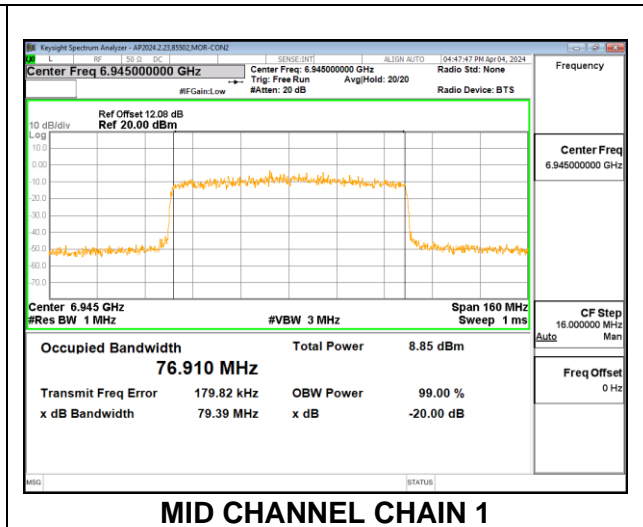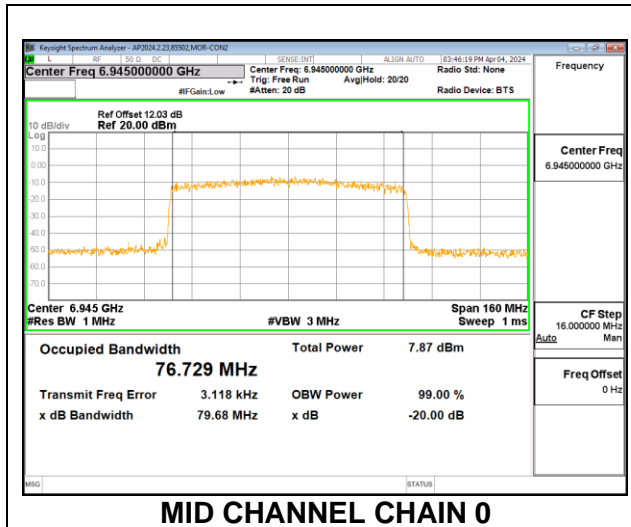
9.5.   SPURIOUS EMISSIONS IN-BAND – EMISSION MASK

LIMITS

FCC §15.407 (b)(7)
RSS-248 4.6.2 (b)

For transmitters operating within the 5.925-7.125 GHz bands: power spectral density must be suppressed by 20 dB at 1 MHz outside of channel edge, by 28 dB at one channel bandwidth from the channel center, and by 40 dB at one- and one-half times the channel bandwidth away from channel center. At frequencies between one megahertz outside an unlicensed device's channel edge and one channel bandwidth from the center of the channel, the limits must be linearly interpolated between 20 dB and 28 dB suppression, and at frequencies between one and one- and one-half times an unlicensed device's channel bandwidth, the limits must be linearly interpolated between 28 dB and 40 dB suppression. Emissions removed from the channel center by more than one- and one-half times the channel bandwidth must be suppressed by at least 40 dB.

TEST PROCEDURE

Per KDB 987594 D02 v01r01, Section J

Note. In some cases of 20 & 40 MHz bandwidth, test was performed by setting the RBW to 1MHz which is larger than that used for the 26dB bandwidth measurement.
This is a deviation from the procedures but represents a more conservative measurement.

RESULTS

9.5.1. 802.11a MODE 2TX IN THE UNII-5 BAND

2TX CHAIN 0 + CHAIN 1 CDD LOW POWER INDOOR
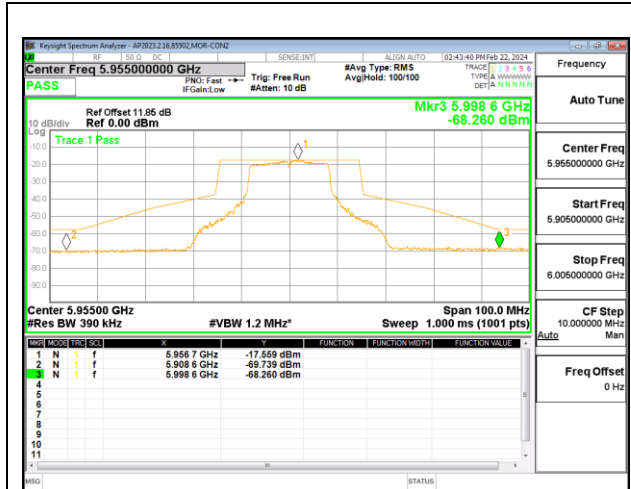
LOW CHANNEL CHAIN 0
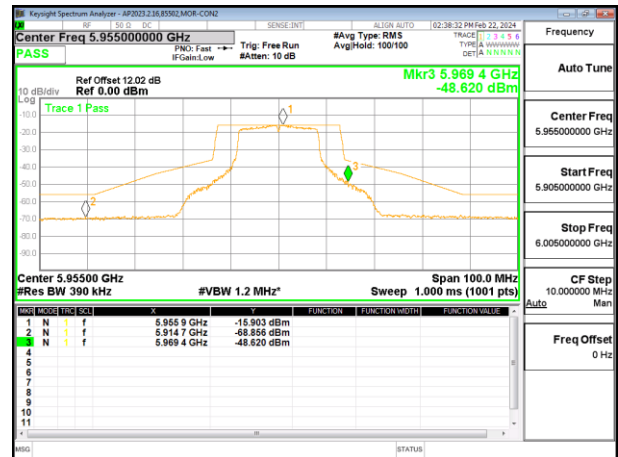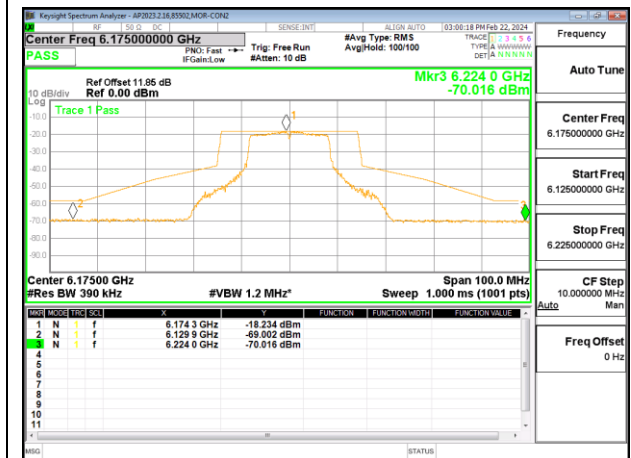
LOW CHANNEL CHAIN 1
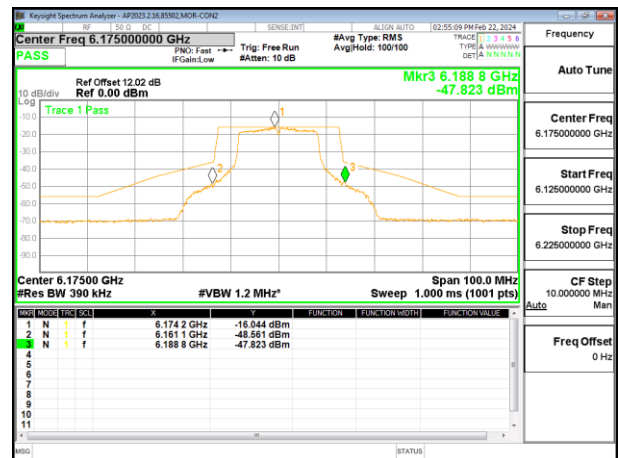
MID CHANNEL CHAIN 0
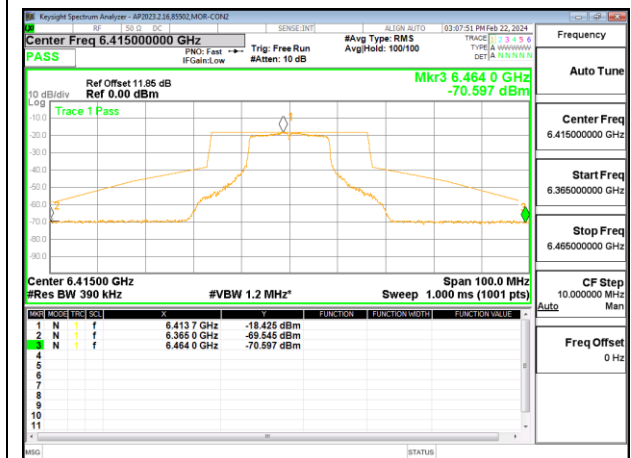
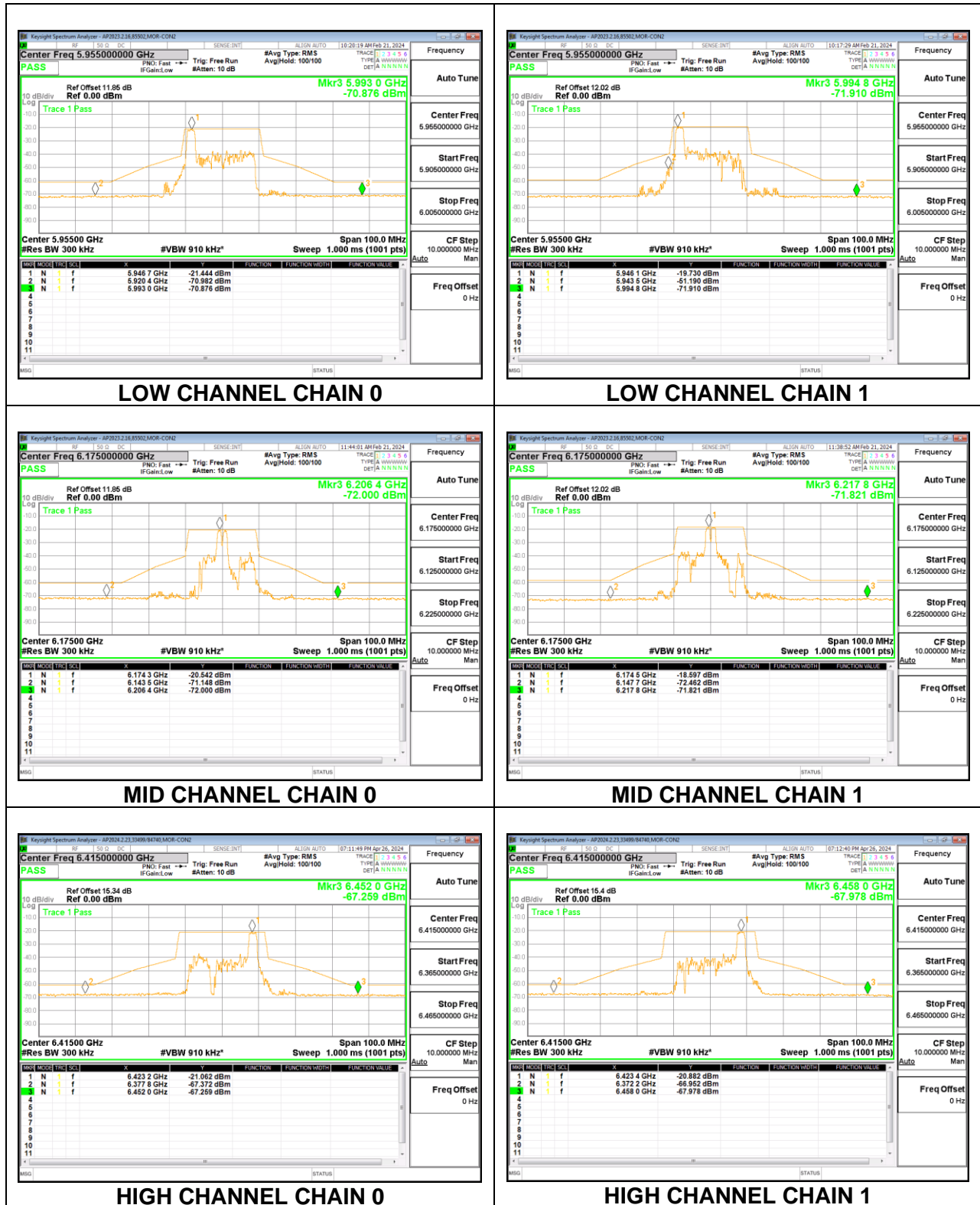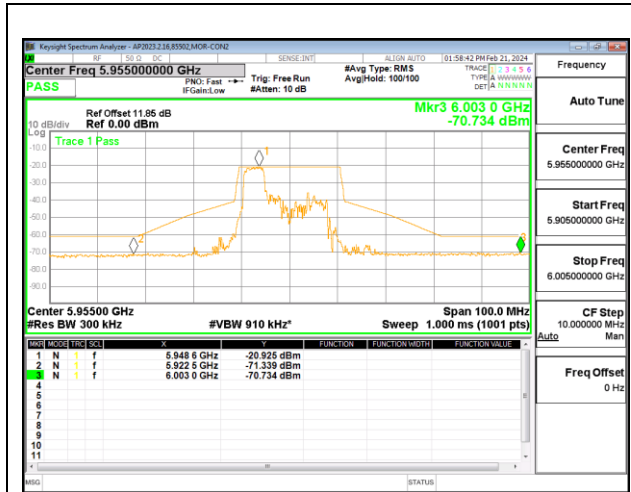**MID CHANNEL CHAIN 1**

HIGH CHANNEL CHAIN 0
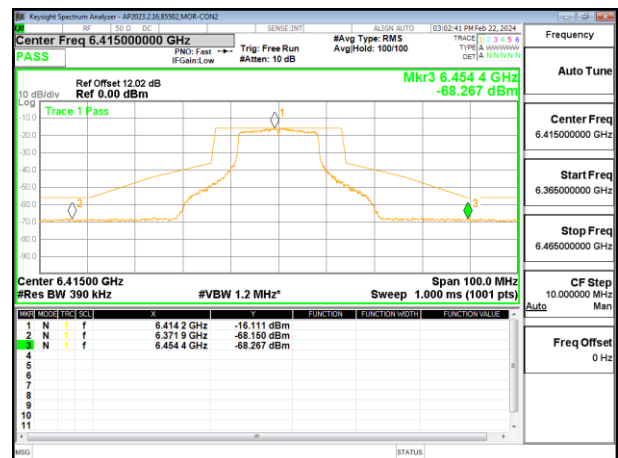
HIGH CHANNEL CHAIN 1
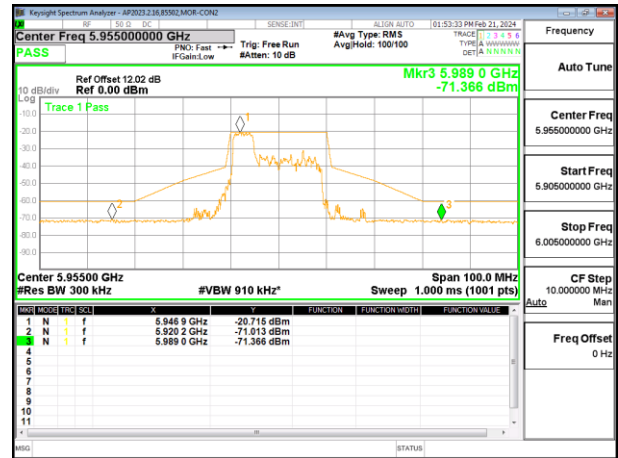
9.5.2. 802.11ax HE20 MODE 2TX IN THE UNII-5 BAND

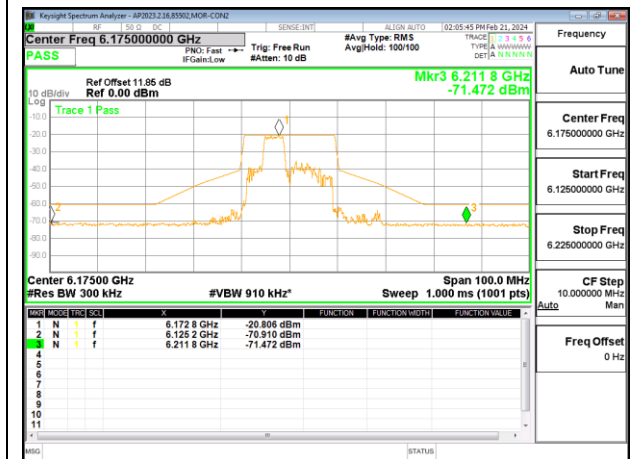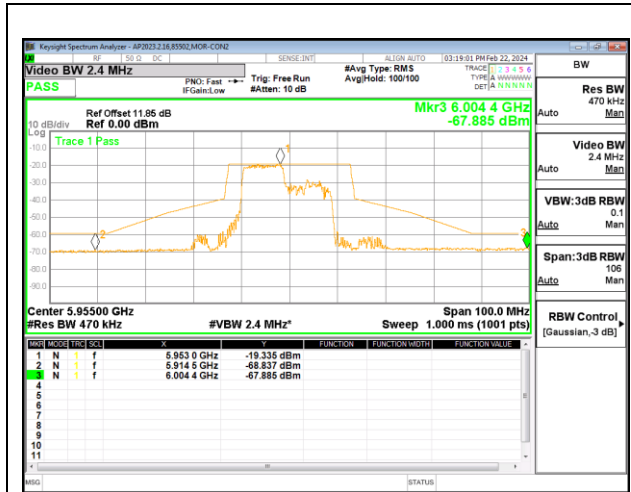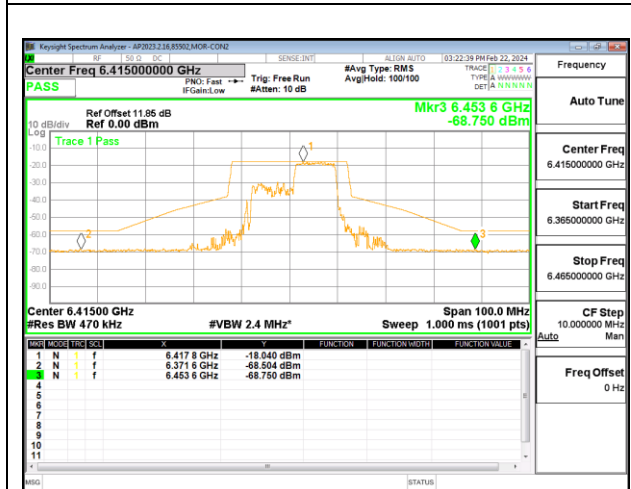**2TX CHAIN 0 + CHAIN 1 CDD OFDMA MODE: 26T LOW POWER INDOOR**

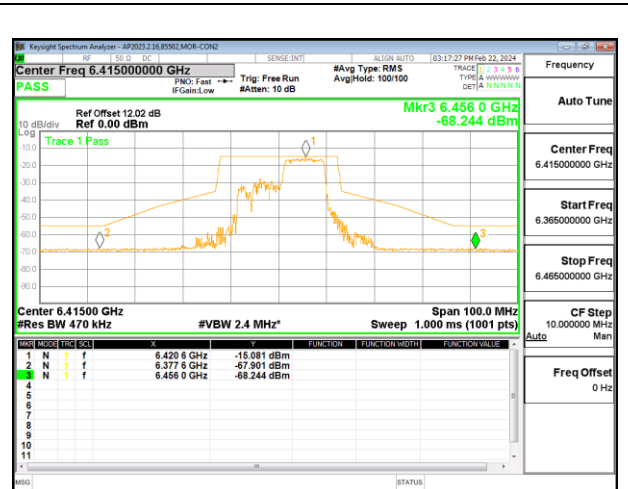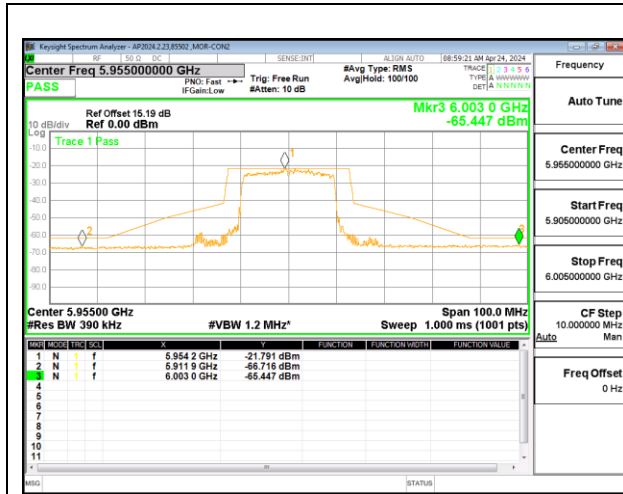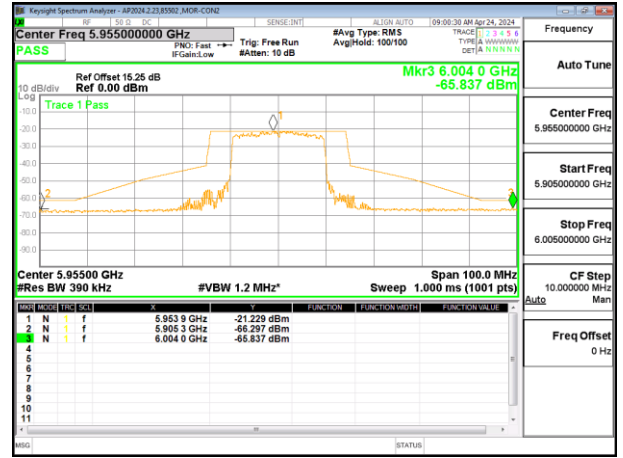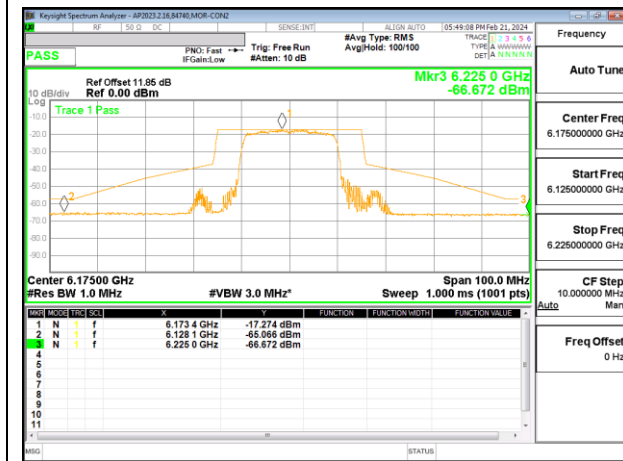| LOW CHANNEL CHAIN 0	LOW CHANNEL CHAIN 1
MID CHANNEL CHAIN 0	MID CHANNEL CHAIN 1
HIGH CHANNEL CHAIN 0	HIGH CHANNEL CHAIN 1

2TX CHAIN 0 + CHAIN 1 CDD OFDMA MODE: 52T LOW POWER INDOOR
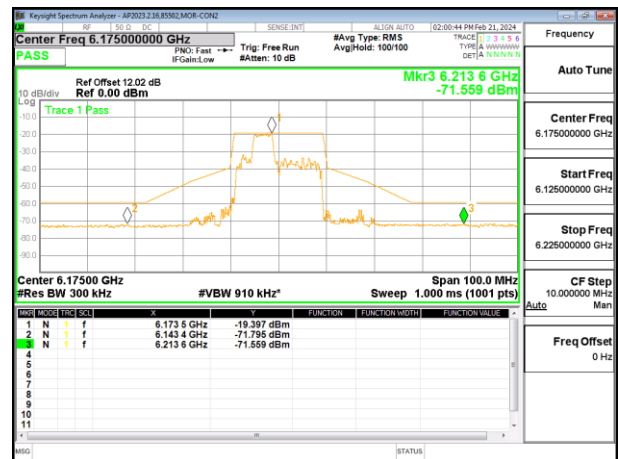
LOW CHANNEL CHAIN 0

LOW CHANNEL CHAIN 1

MID CHANNEL CHAIN 0
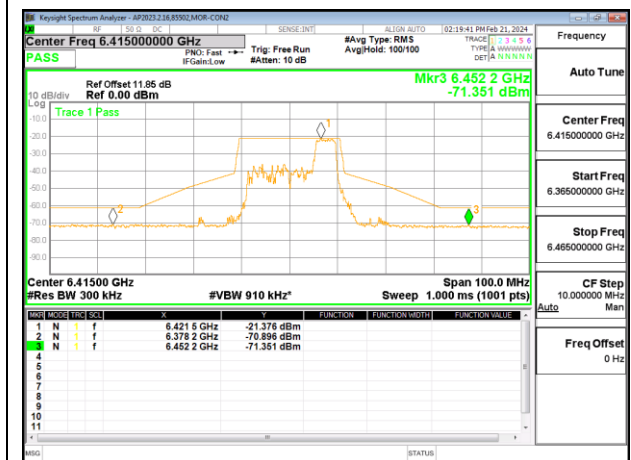
MID CHANNEL CHAIN 1

HIGH CHANNEL CHAIN 0

HIGH CHANNEL CHAIN 1

2TX CHAIN 0 + CHAIN 1 CDD OFDMA MODE: 106T LOW POWER INDOOR
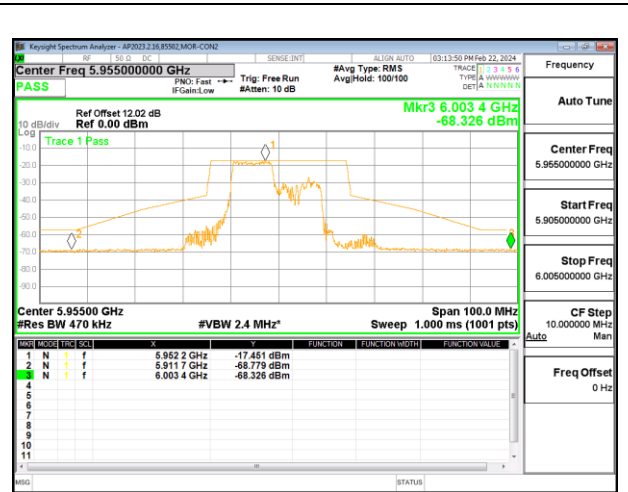
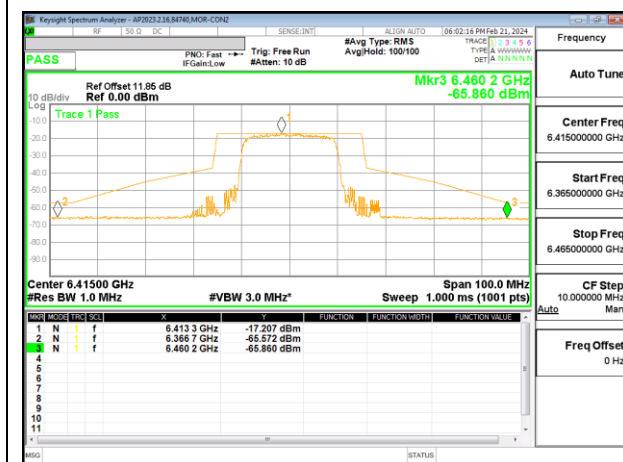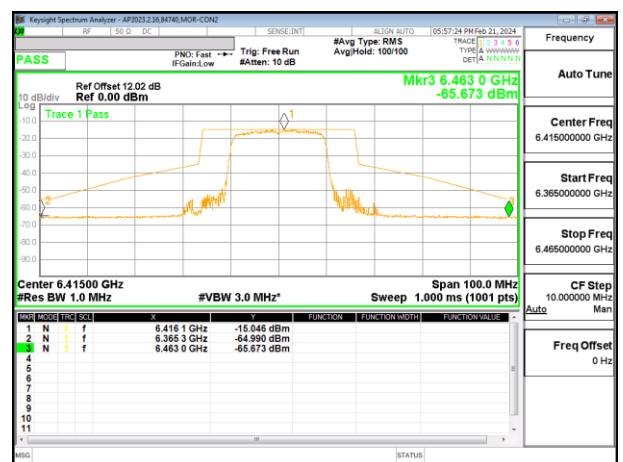

LOW CHANNEL CHAIN 0

LOW CHANNEL CHAIN 1

MID CHANNEL CHAIN 0

MID CHANNEL CHAIN 1

HIGH CHANNEL CHAIN 0

HIGH CHANNEL CHAIN 1

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2TX CHAIN 0 + CHAIN 1 CDD OFDMA MODE: 242T LOW POWER INDOOR
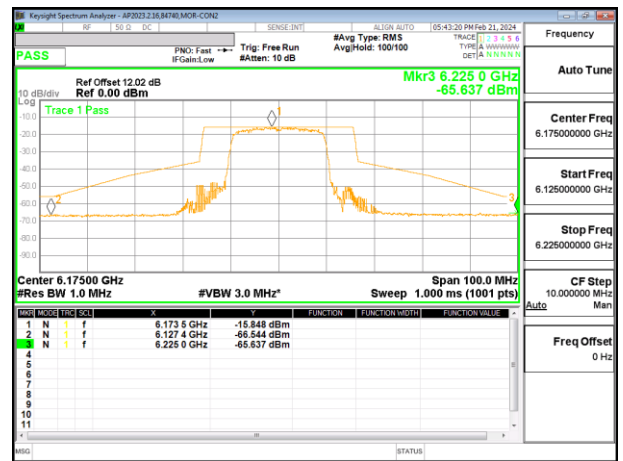
LOW CHANNEL CHAIN 0

LOW CHANNEL CHAIN 1

MID CHANNEL CHAIN 0

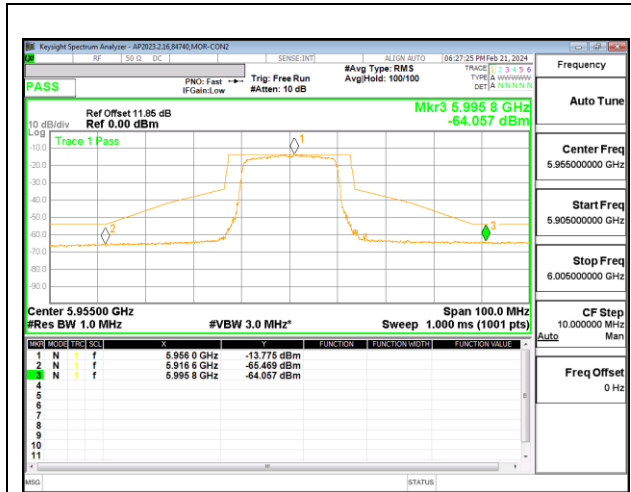

MID CHANNEL CHAIN 1

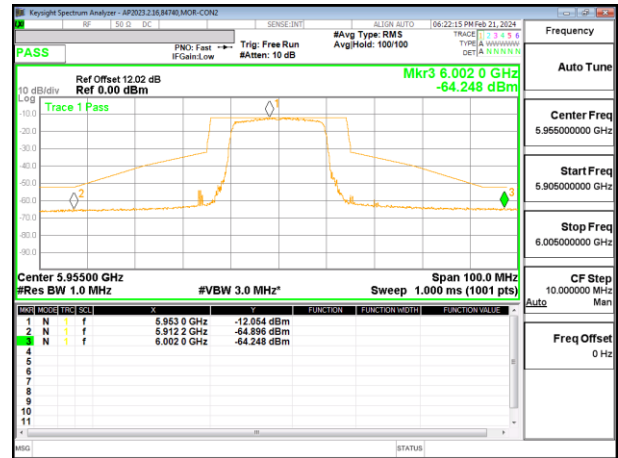**HIGH CHANNEL CHAIN 0**

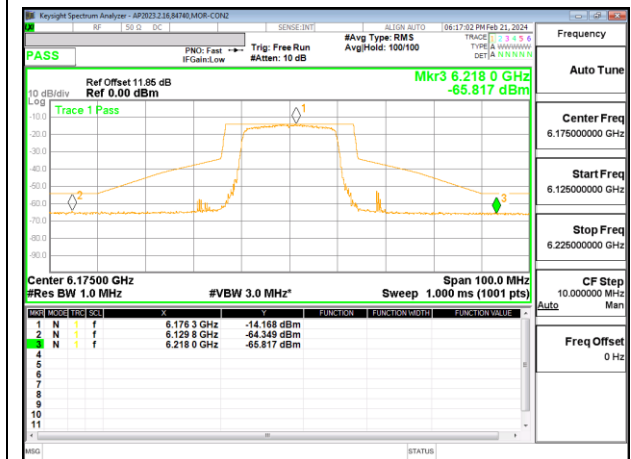
HIGH CHANNEL CHAIN 1

2TX CHAIN 0 + CHAIN 1 CDD OFDMA MODE: SU LOW POWER INDOOR

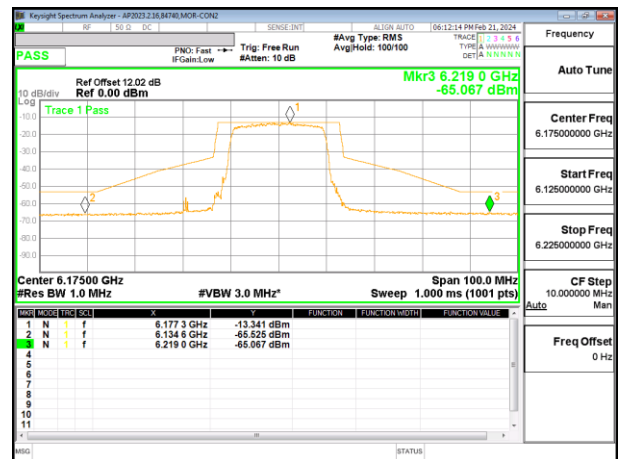
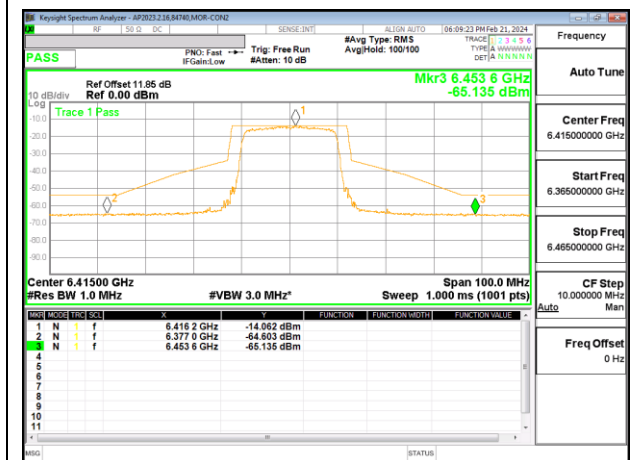**LOW CHANNEL CHAIN 0**

LOW CHANNEL CHAIN 1

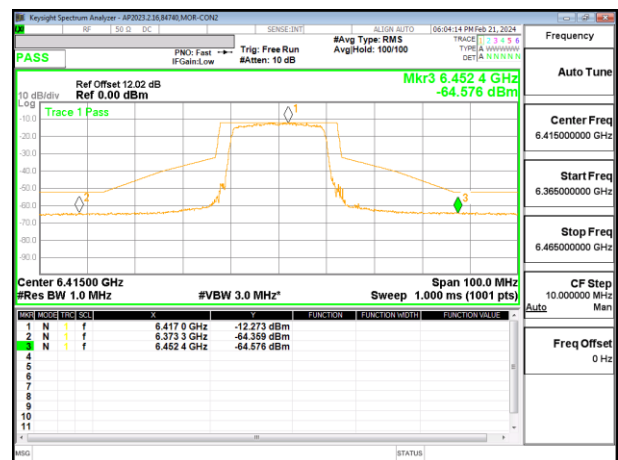**MID CHANNEL CHAIN 0**

MID CHANNEL CHAIN 1

HIGH CHANNEL CHAIN 0

HIGH CHANNEL CHAIN 1

9.5.3. 802.11ax HE40 MODE 2TX IN THE UNII-5 BAND

2TX CHAIN 0 + CHAIN 1 CDD OFDMA MODE: 484T LOW POWER INDOOR

LOW CHANNEL CHAIN 0

LOW CHANNEL CHAIN 1

MID CHANNEL CHAIN 0

MID CHANNEL CHAIN 1

HIGH CHANNEL CHAIN 0

HIGH CHANNEL CHAIN 1