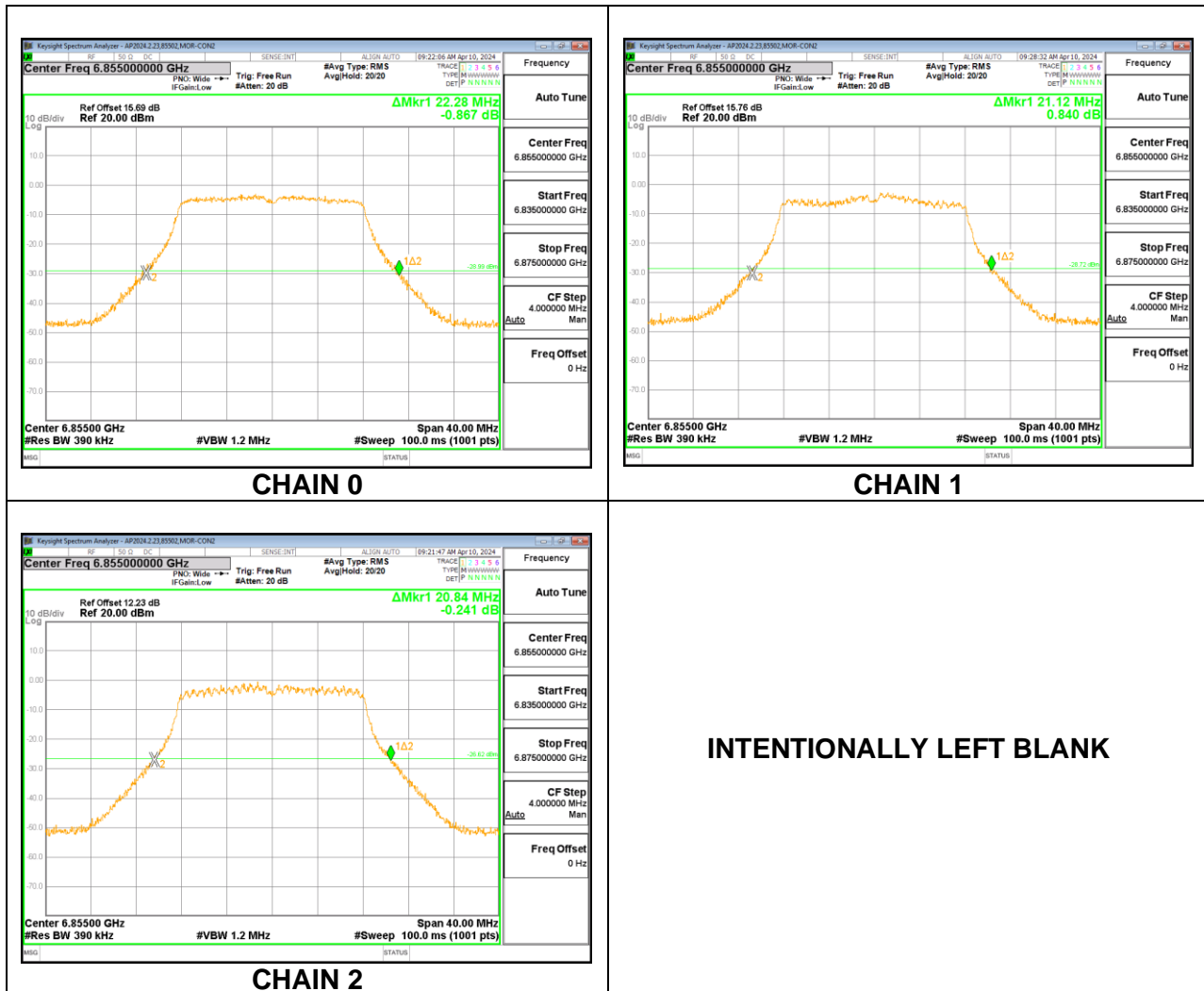


9.3.9. 802.11a MODE 3TX IN THE UNII-7 BAND

3TX CHAIN 0 + CHAIN 1 + CHAIN 2 CDD OFDMA MODE

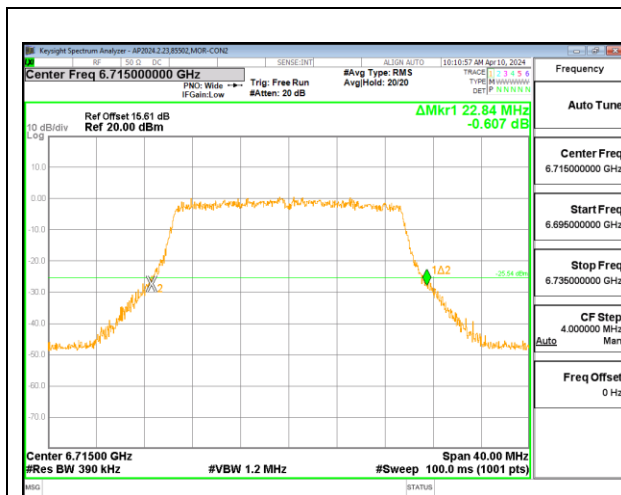
Channel	Frequency (MHz)	26 dB Bandwidth Chain 0 (MHz)	26 dB Bandwidth Chain 1 (MHz)	26 dB Bandwidth Chain 2 (MHz)	Limit (MHz)
Low	6535	22.04	20.92	21.24	320
Mid	6715	21.60	21.28	21.00	320
High	6855	22.28	21.12	20.84	320



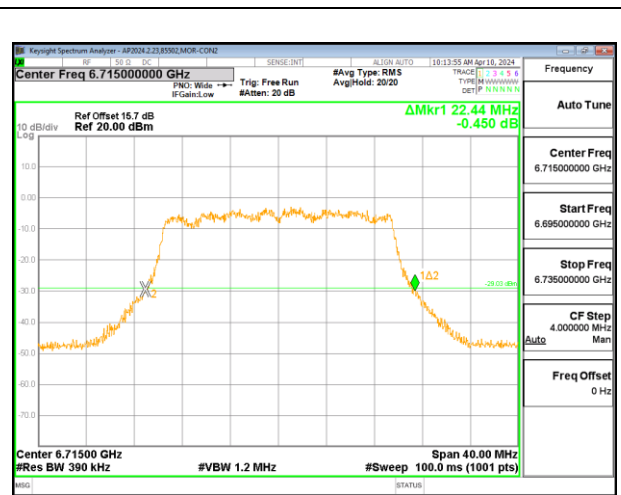
9.3.10. 802.11ax HE20 MODE 3TX IN THE UNII-7 BAND

3TX CHAIN 0 + CHAIN 1 + CHAIN 2 CDD OFDMA MODE: SU

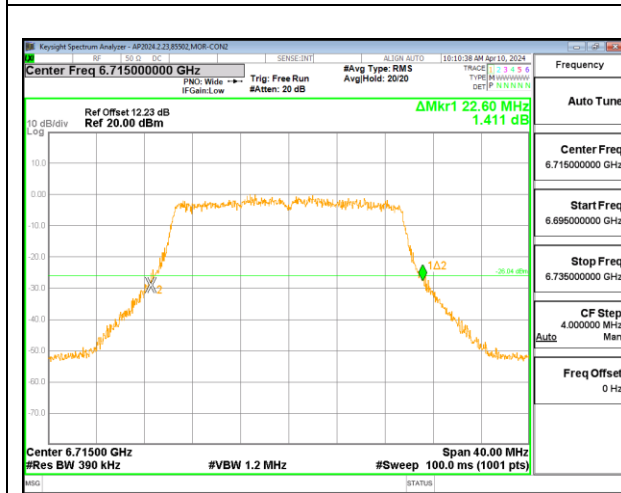
Channel	Frequency (MHz)	26 dB Bandwidth Chain 0 (MHz)	26 dB Bandwidth Chain 1 (MHz)	26 dB Bandwidth Chain 2 (MHz)	Limit (MHz)
Low	6535	22.64	22.24	21.76	320
Mid	6715	22.84	22.44	22.60	320
High	6855	22.60	22.28	22.40	320



CHAIN 0



CHAIN 1



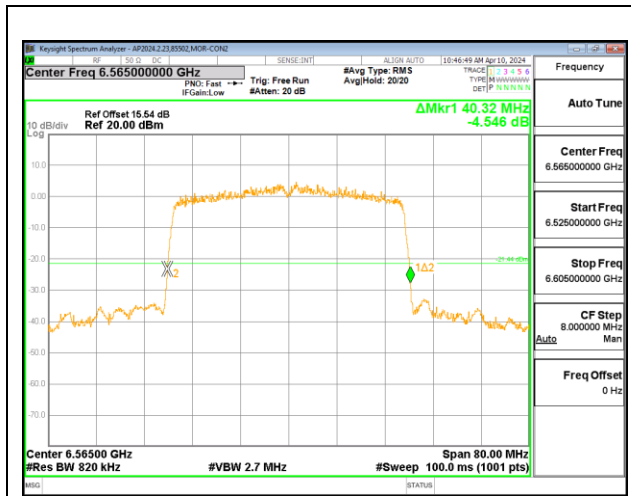
CHAIN 2

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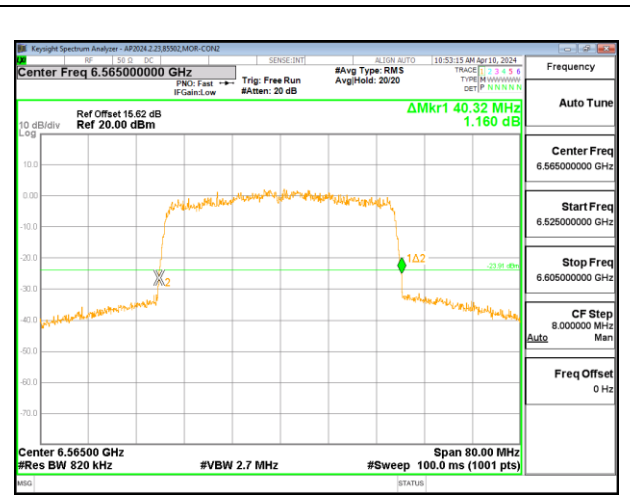
9.3.11. 802.11ax HE40 MODE 3TX IN THE UNII-7 BAND

3TX CHAIN 0 + CHAIN 1 + CHAIN 2 CDD OFDMA MODE: SU

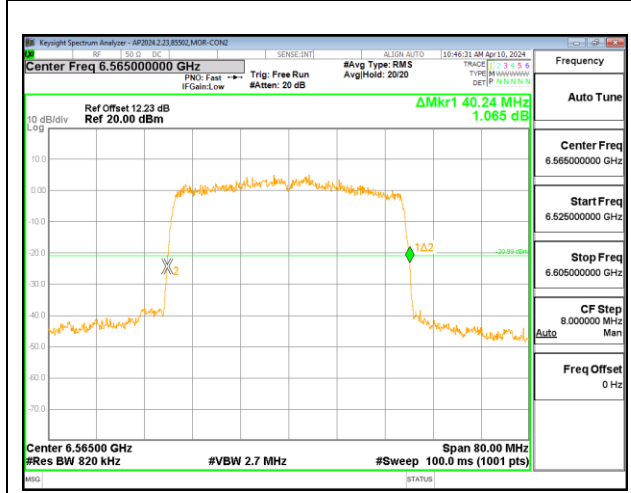
Channel	Frequency (MHz)	26 dB Bandwidth Chain 0 (MHz)	26 dB Bandwidth Chain 1 (MHz)	26 dB Bandwidth Chain 2 (MHz)	Limit (MHz)
Low	6565	40.32	40.32	40.24	320
Mid	6685	40.24	40.16	40.24	320
High	6845	40.24	40.16	40.08	320



CHAIN 0



CHAIN 1



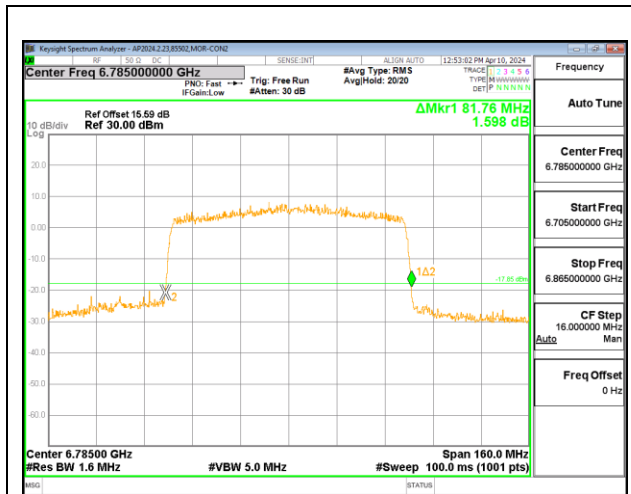
CHAIN 2

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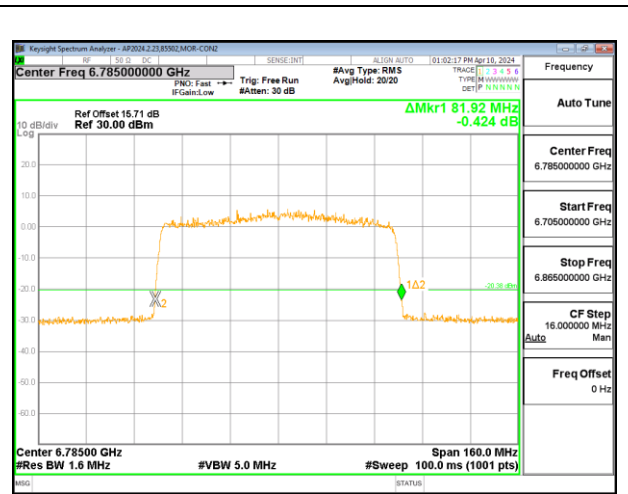
9.3.12. 802.11ax HE80 MODE 3TX IN THE UNII-7 BAND

3TX CHAIN 0 + CHAIN 1 + CHAIN 2 CDD OFDMA MODE: SU

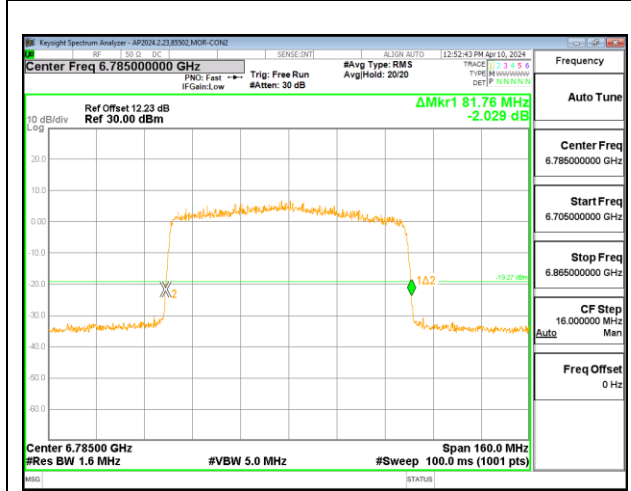
Channel	Frequency (MHz)	26 dB Bandwidth Chain 0 (MHz)	26 dB Bandwidth Chain 1 (MHz)	26 dB Bandwidth Chain 2 (MHz)	Limit (MHz)
Low	6625	81.60	81.76	81.60	320
Mid	6705	81.76	81.76	81.60	320
High	6785	81.76	81.92	81.76	320



CHAIN 0



CHAIN 1



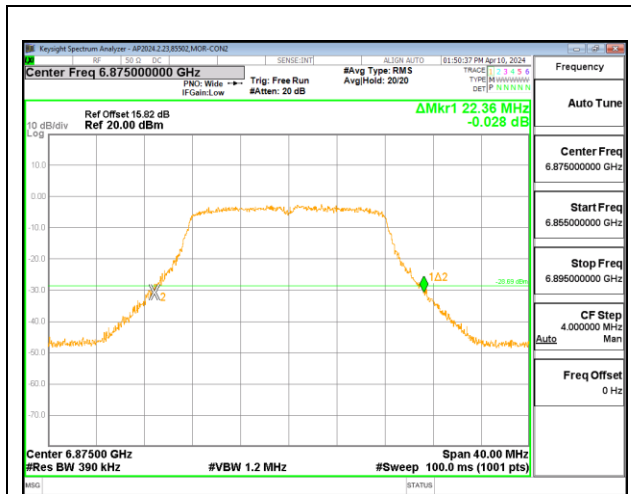
CHAIN 2

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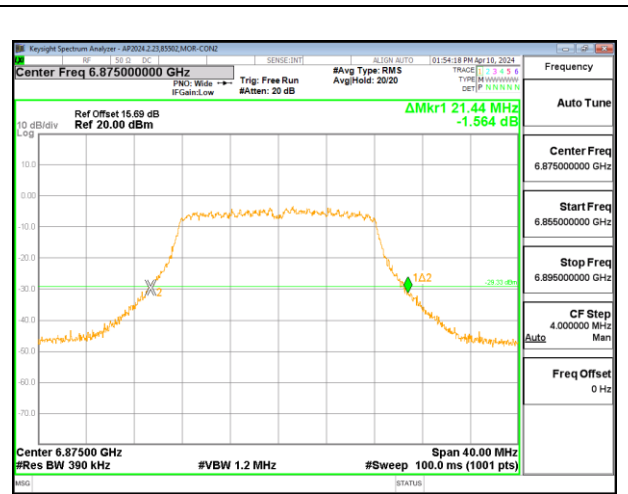
9.3.13. 802.11a MODE 3TX IN THE UNII-8 BAND

3TX CHAIN 0 + CHAIN 1 + CHAIN 2 CDD OFDMA MODE

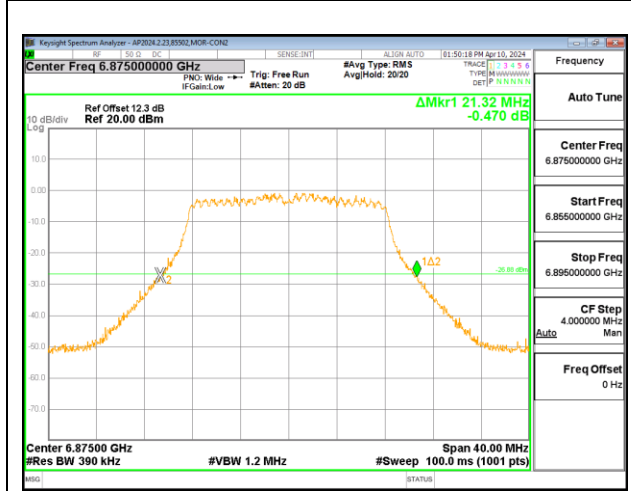
Channel	Frequency (MHz)	26 dB Bandwidth Chain 0 (MHz)	26 dB Bandwidth Chain 1 (MHz)	26 dB Bandwidth Chain 2 (MHz)	Limit (MHz)
Low	6875	22.36	21.44	21.32	320
Mid	6995	22.20	21.76	21.20	320
High	7115	22.00	21.76	21.24	320



CHAIN 0



CHAIN 1



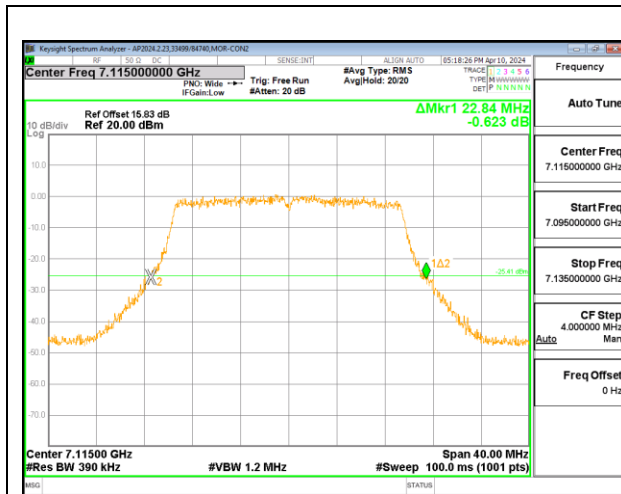
CHAIN 2

INTENTIONALLY LEFT BLANK

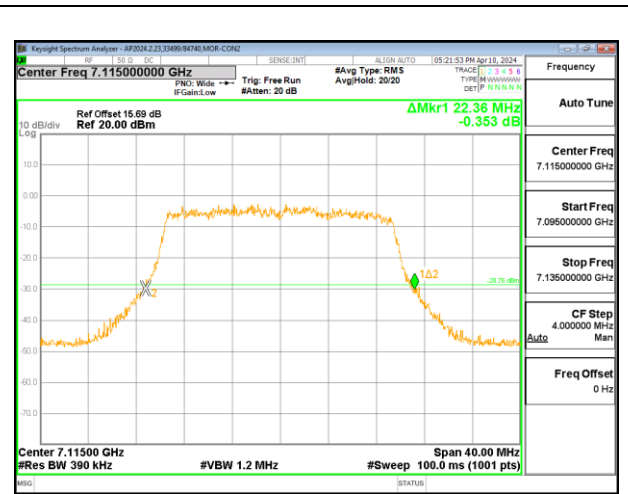
9.3.14. 802.11ax HE20 MODE 3TX IN THE UNII-8 BAND

3TX CHAIN 0 + CHAIN 1 + CHAIN 2 CDD OFDMA MODE: SU

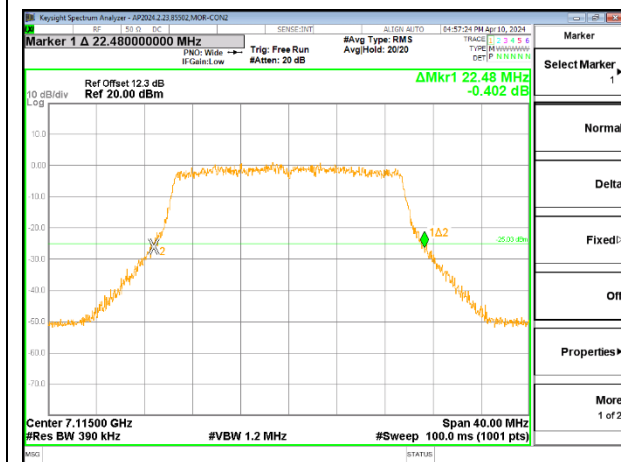
Channel	Frequency (MHz)	26 dB Bandwidth Chain 0 (MHz)	26 dB Bandwidth Chain 1 (MHz)	26 dB Bandwidth Chain 2 (MHz)	Limit (MHz)
Low	6875	22.60	21.96	22.32	320
Mid	6995	22.60	22.72	22.52	320
High	7115	22.84	22.36	22.48	320



CHAIN 0



CHAIN 1



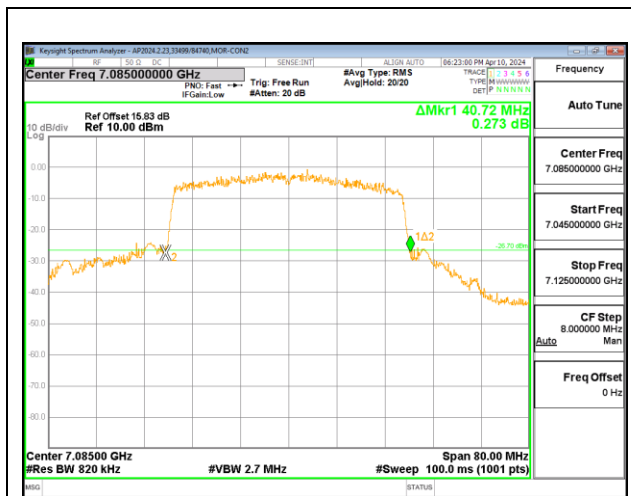
CHAIN 2

INTENTIONALLY LEFT BLANK

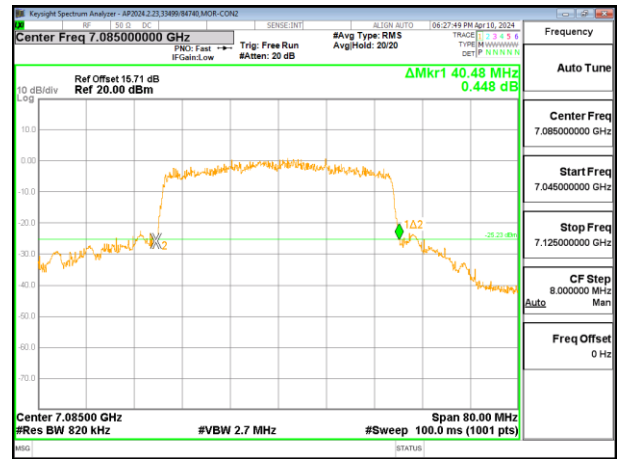
9.3.15. 802.11ax HE40 MODE 3TX IN THE UNII-8 BAND

3TX CHAIN 0 + CHAIN 1 + CHAIN 2 CDD OFDMA MODE: SU

Channel	Frequency (MHz)	26 dB Bandwidth Chain 0 (MHz)	26 dB Bandwidth Chain 1 (MHz)	26 dB Bandwidth Chain 2 (MHz)	Limit (MHz)
Low	6885	40.24	40.16	40.16	320
Mid	6965	40.24	40.16	40.16	320
High	7085	40.72	40.48	46.96	320



CHAIN 0



CHAIN 1



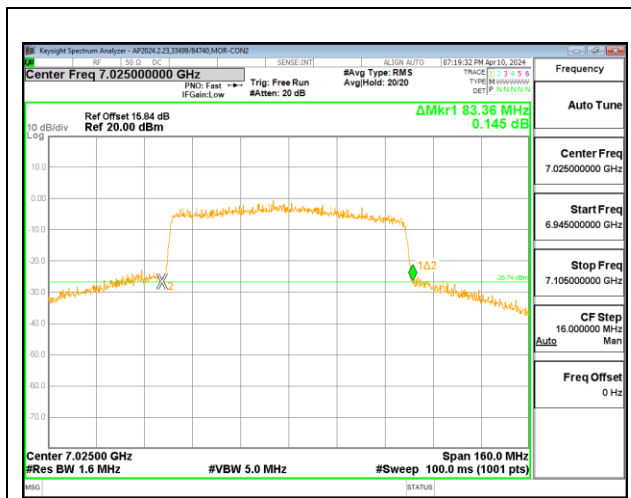
CHAIN 2

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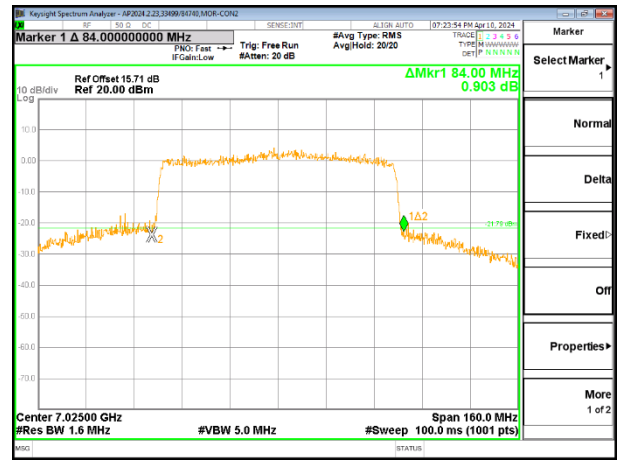
9.3.16. 802.11ax HE80 MODE 3TX IN THE UNII-8 BAND

3TX CHAIN 0 + CHAIN 1 + CHAIN 2 CDD OFDMA MODE: SU

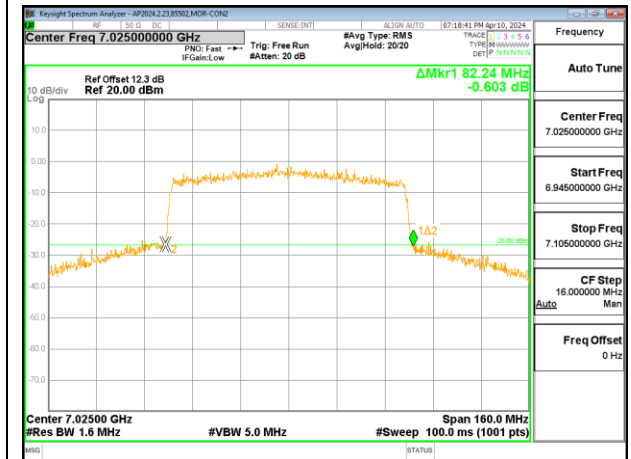
Channel	Frequency (MHz)	26 dB Bandwidth Chain 0 (MHz)	26 dB Bandwidth Chain 1 (MHz)	26 dB Bandwidth Chain 2 (MHz)	Limit (MHz)
Low	6865	81.60	81.60	81.60	320
Mid	6945	81.60	81.44	81.60	320
High	7025	83.36	84.00	82.24	320



CHAIN 0



CHAIN 1



CHAIN 2

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9.4. 99% BANDWIDTH LIMITS

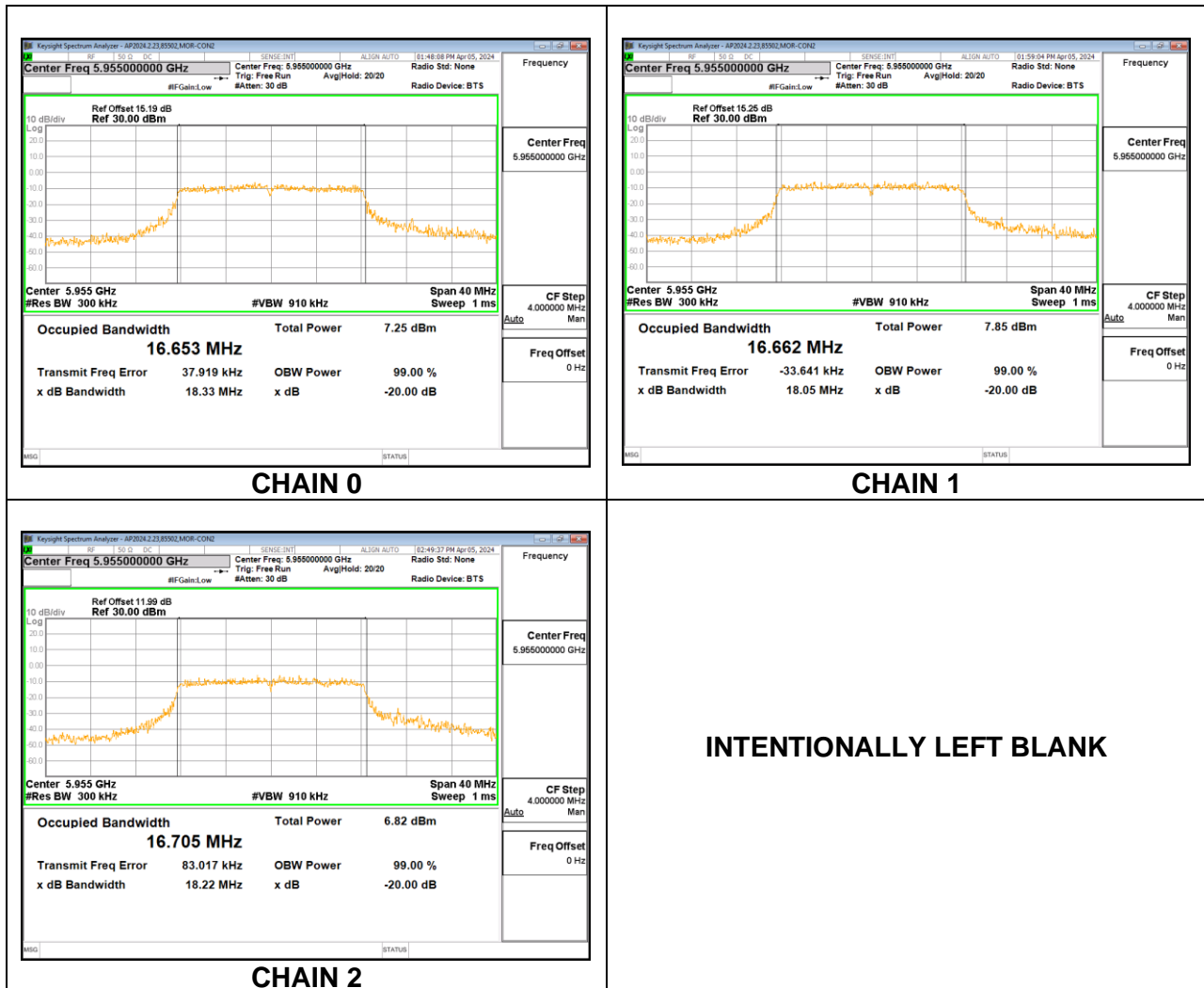
RSS-248 4.4

4.4 The occupied bandwidth of an RLAN device shall not exceed 320 MHz

9.4.1. 802.11a MODE 3TX IN THE UNII-5 BAND

3TX CHAIN 0 + CHAIN 1 + CHAIN 2 CDD OFDMA MODE

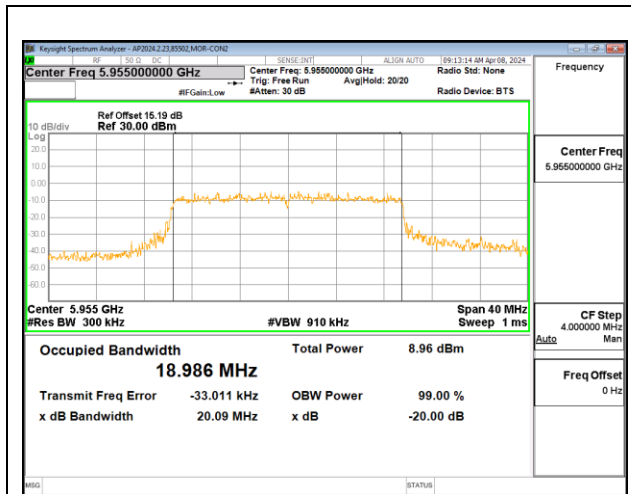
Channel	Frequency (MHz)	99% Bandwidth Chain 0 (MHz)	99% Bandwidth Chain 1 (MHz)	99% Bandwidth Chain 2 (MHz)	Limit (MHz)
Low	5955	16.65	16.66	16.71	320
Mid	6175	16.58	16.54	16.55	320
High	6415	16.63	16.61	16.58	320



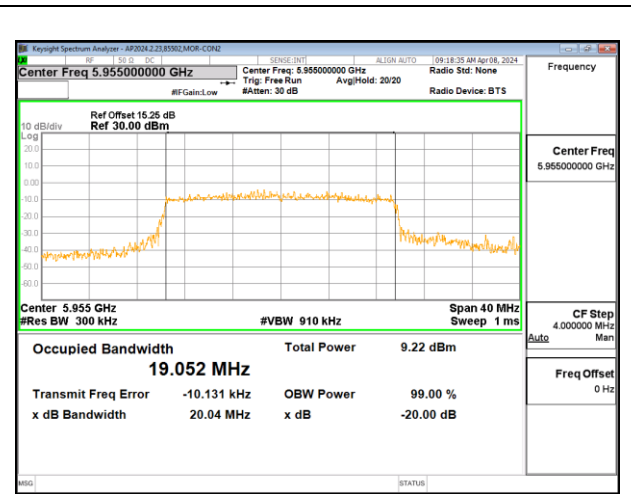
9.4.2. 802.11ax HE20 MODE 3TX IN THE UNII-5 BAND

3TX CHAIN 0 + CHAIN 1 + CHAIN 2 CDD OFDMA MODE: SU

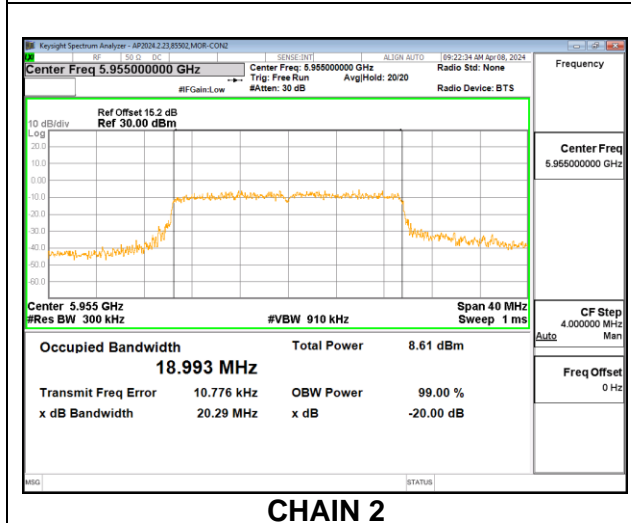
Channel	Frequency (MHz)	99% Bandwidth Chain 0 (MHz)	99% Bandwidth Chain 1 (MHz)	99% Bandwidth Chain 2 (MHz)	Limit (MHz)
Low	5955	18.99	19.05	18.99	320
Mid	6175	18.97	19.03	18.98	320
High	6415	18.96	18.93	18.91	320



CHAIN 0



CHAIN 1



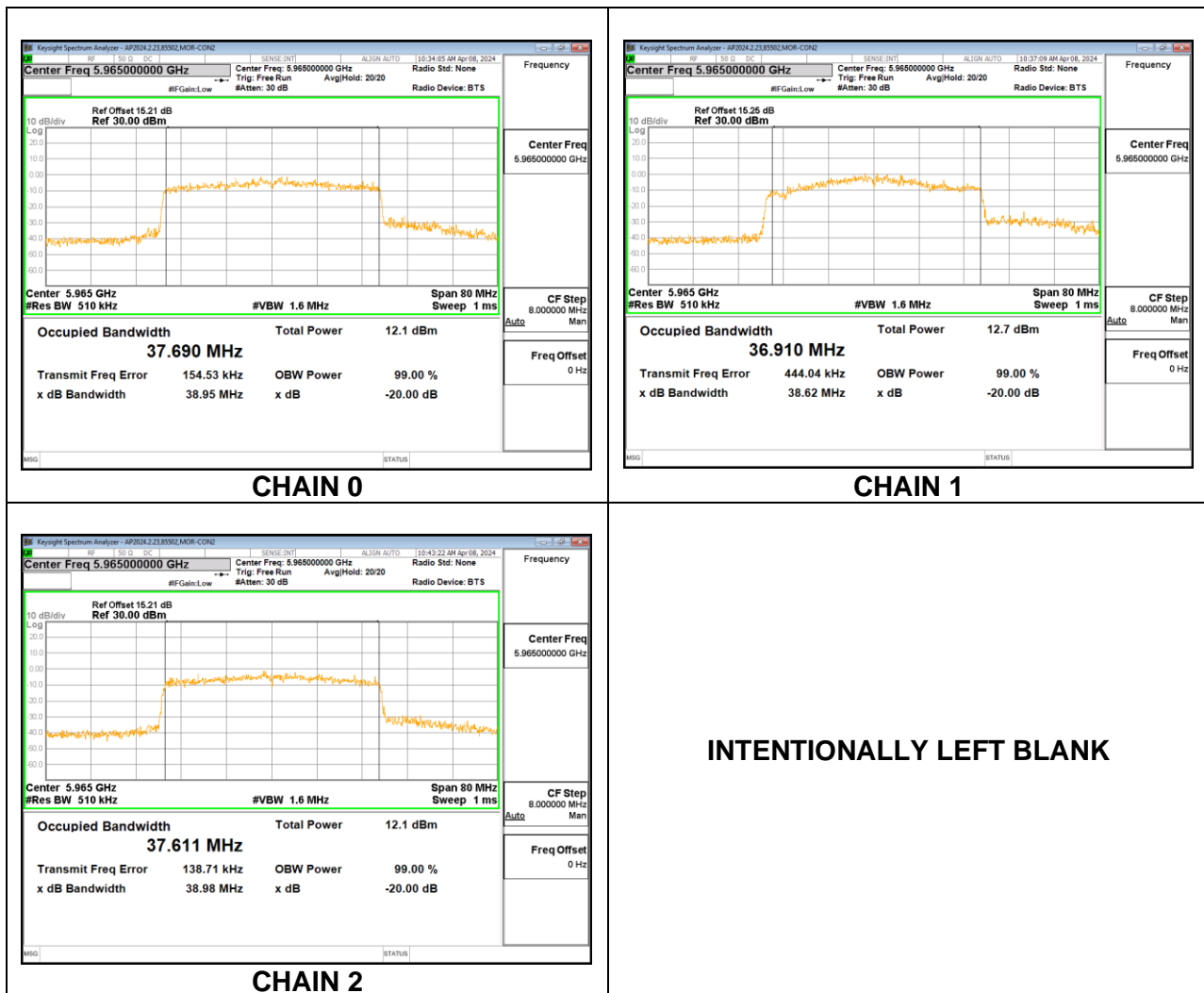
CHAIN 2

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9.4.3. 802.11ax HE40 MODE 3TX IN THE UNII-5 BAND

3TX CHAIN 0 + CHAIN 1 + CHAIN 2 CDD OFDMA MODE: SU

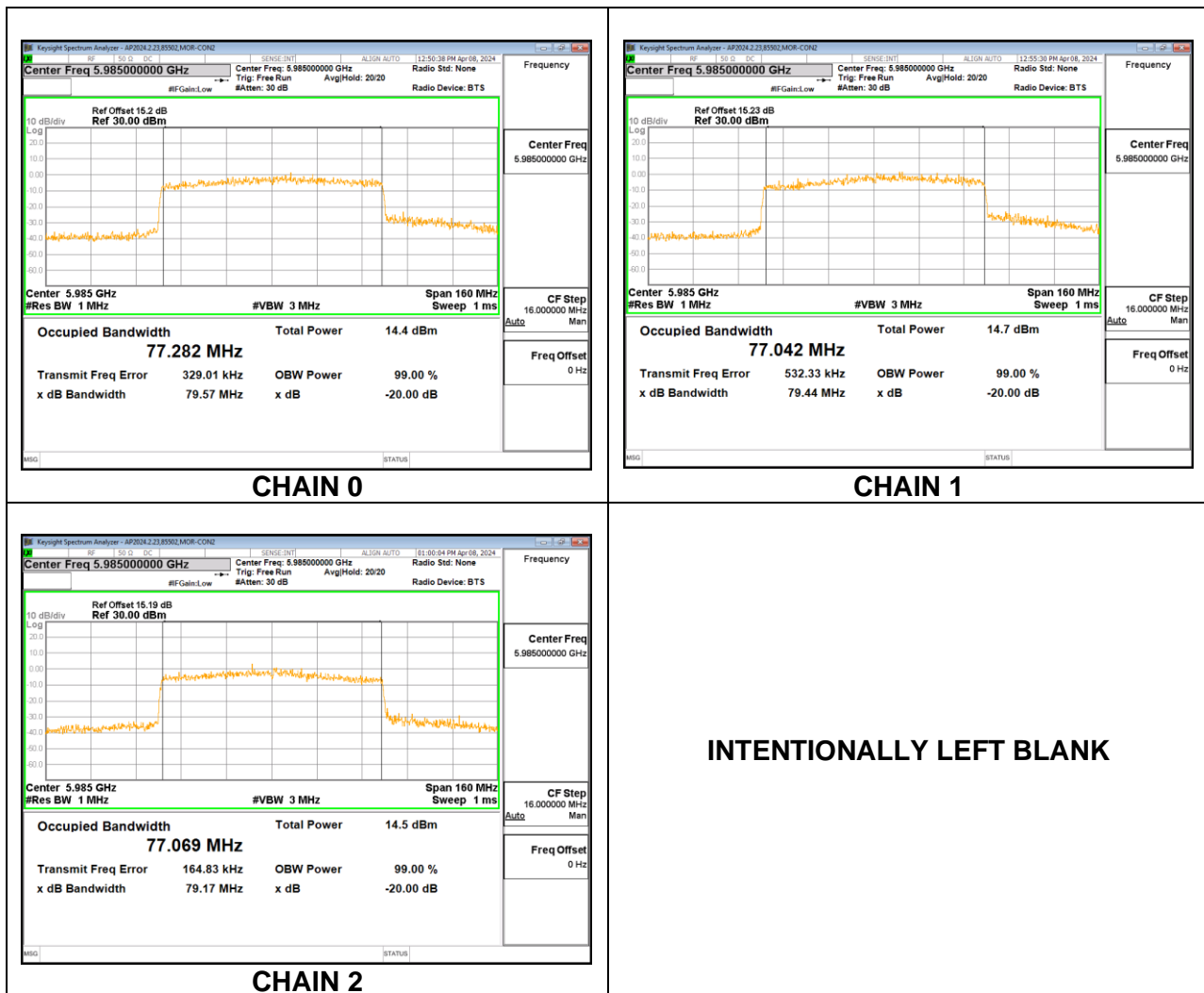
Channel	Frequency (MHz)	99% Bandwidth Chain 0 (MHz)	99% Bandwidth Chain 1 (MHz)	99% Bandwidth Chain 2 (MHz)	Limit (MHz)
Low	5965	37.69	36.91	37.61	320
Mid	6165	37.69	36.76	37.63	320
High	6405	37.65	36.92	37.57	320



9.4.4. 802.11ax HE80 MODE 3TX IN THE UNII-5 BAND

3TX CHAIN 0 + CHAIN 1 + CHAIN 2 CDD OFDMA MODE: SU

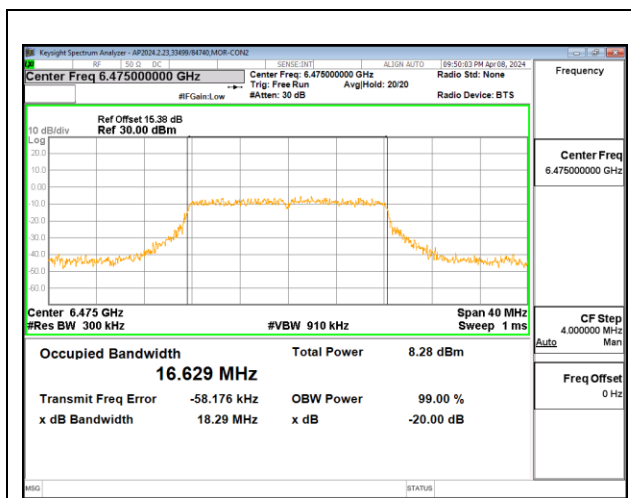
Channel	Frequency (MHz)	99% Bandwidth Chain 0 (MHz)	99% Bandwidth Chain 1 (MHz)	99% Bandwidth Chain 2 (MHz)	Limit (MHz)
Low	5985	77.28	77.04	77.07	320
Mid	6145	77.14	77.17	76.79	320
High	6385	76.85	77.19	76.77	320



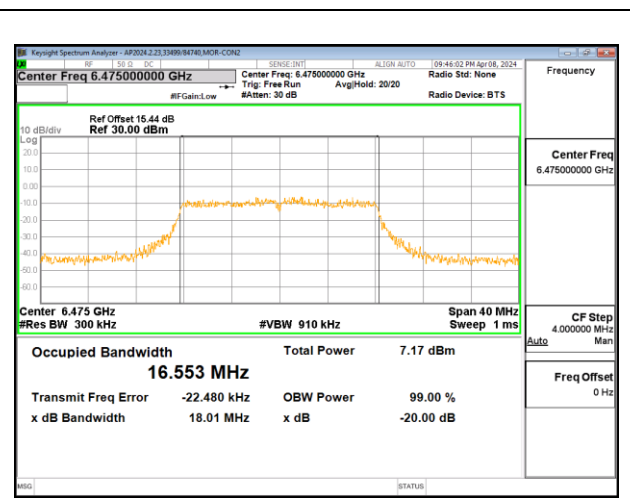
9.4.5. 802.11a MODE 3TX IN THE UNII-6 BAND

3TX CHAIN 0 + CHAIN 1 + CHAIN 2 CDD OFDMA MODE

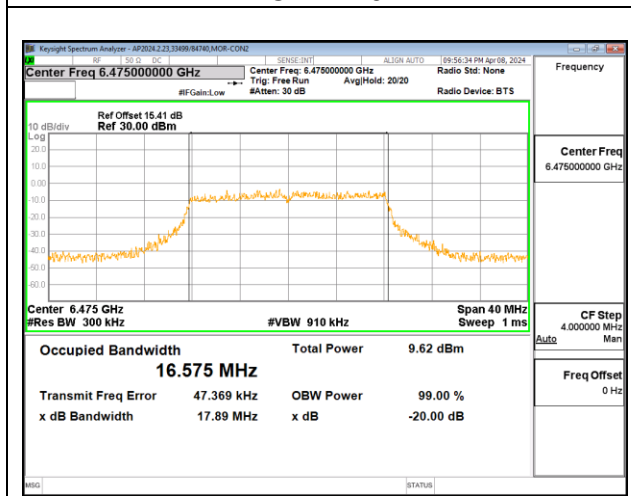
Channel	Frequency (MHz)	99% Bandwidth Chain 0 (MHz)	99% Bandwidth Chain 1 (MHz)	99% Bandwidth Chain 2 (MHz)	Limit (MHz)
Low	6435	16.59	16.62	16.47	320
Mid	6475	16.63	16.55	16.58	320
High	6515	16.55	16.56	16.59	320



CHAIN 0



CHAIN 1



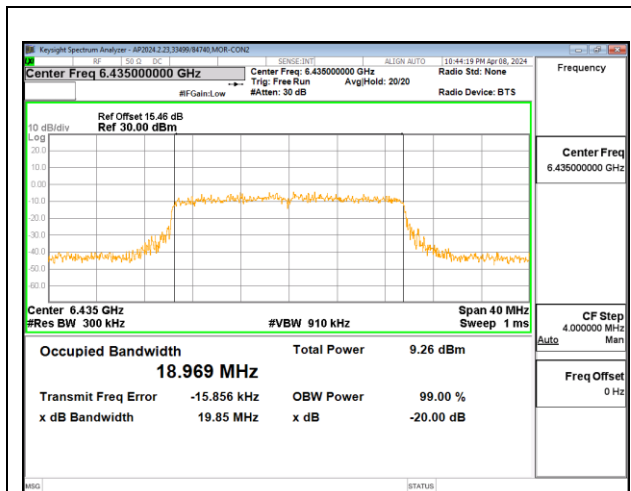
CHAIN 2

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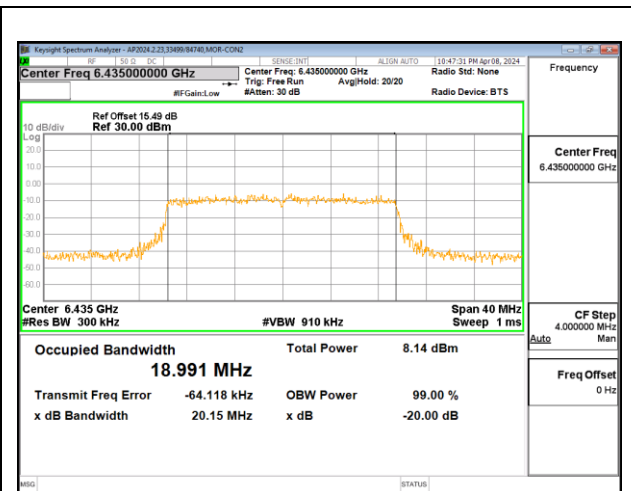
9.4.6. 802.11ax HE20 MODE 3TX IN THE UNII-6 BAND

3TX CHAIN 0 + CHAIN 1 + CHAIN 2 CDD OFDMA MODE: SU

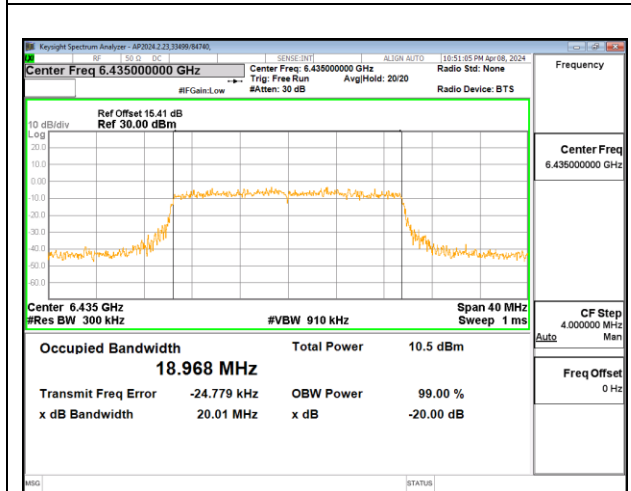
Channel	Frequency (MHz)	99% Bandwidth Chain 0 (MHz)	99% Bandwidth Chain 1 (MHz)	99% Bandwidth Chain 2 (MHz)	Limit (MHz)
Low	6435	18.97	18.99	18.97	320
Mid	6475	18.99	18.96	18.97	320
High	6515	18.96	18.96	18.94	320



CHAIN 0



CHAIN 1



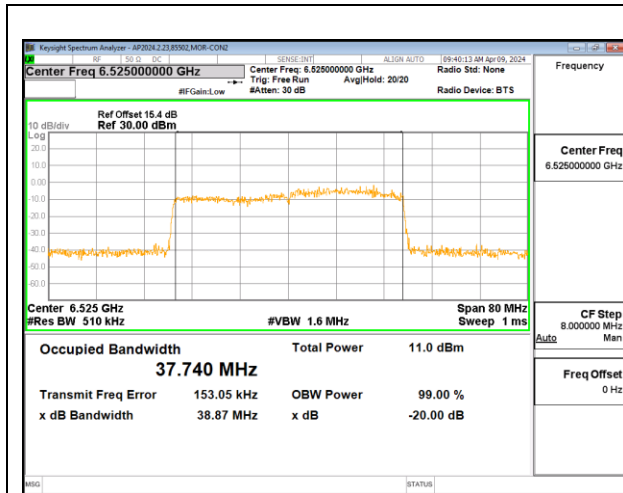
CHAIN 2

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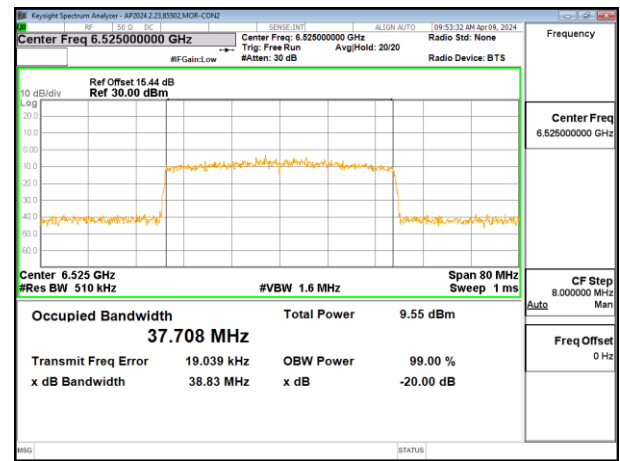
9.4.7. 802.11ax HE40 MODE 3TX IN THE UNII-6 BAND

3TX CHAIN 0 + CHAIN 1 + CHAIN 2 CDD OFDMA MODE: SU

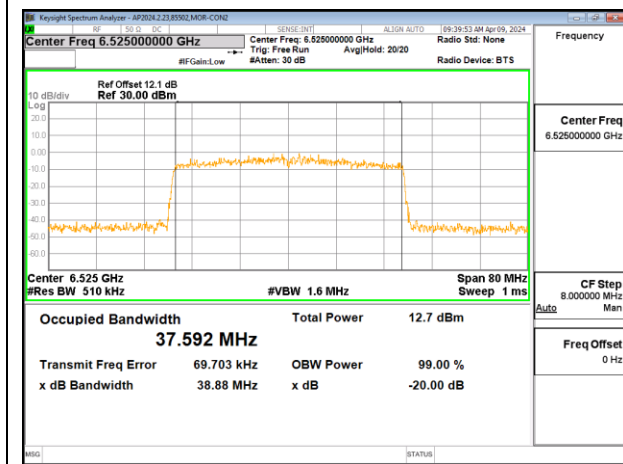
Channel	Frequency (MHz)	99% Bandwidth Chain 0 (MHz)	99% Bandwidth Chain 1 (MHz)	99% Bandwidth Chain 2 (MHz)	Limit (MHz)
Low	6445	37.68	37.45	37.52	320
Mid	6485	37.67	37.48	37.50	320
High	6525	37.74	37.71	37.59	320



CHAIN 0



CHAIN 1



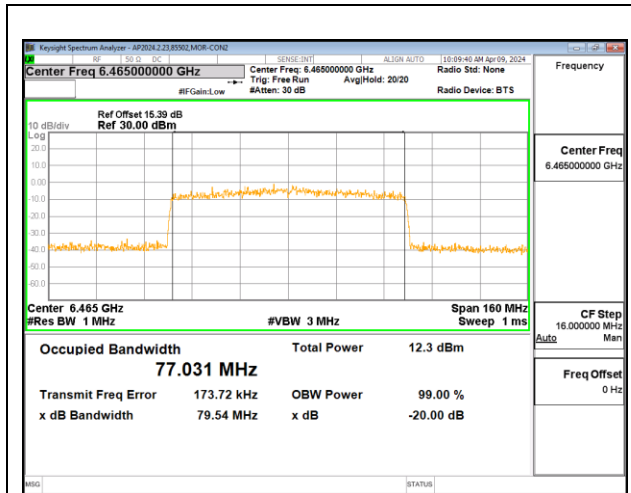
CHAIN 2

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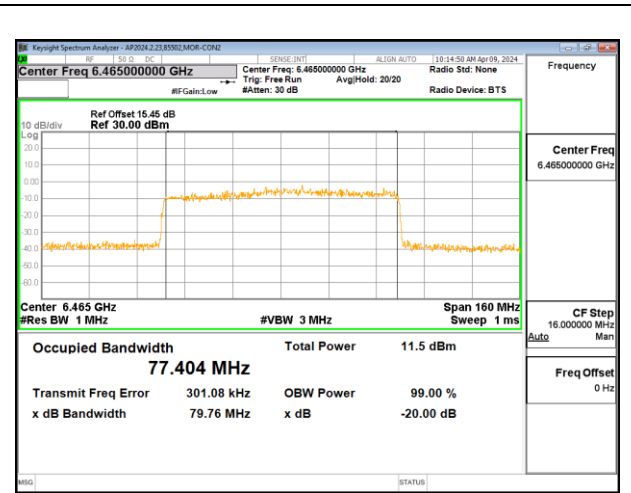
9.4.8. 802.11ax HE80 MODE 3TX IN THE UNII-6 BAND

3TX CHAIN 0 + CHAIN 1 + CHAIN 2 CDD OFDMA MODE: SU

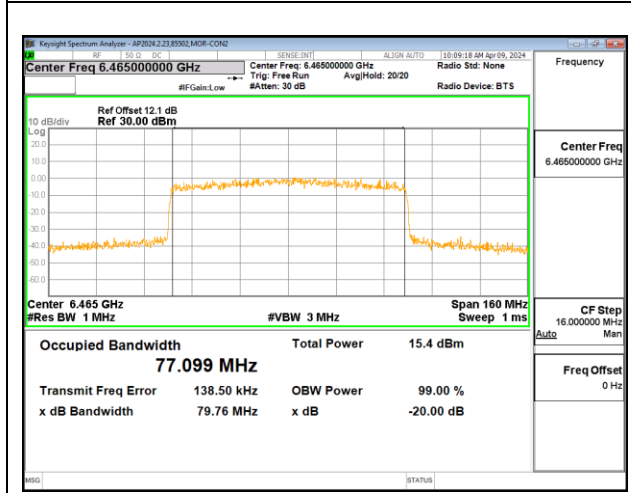
Channel	Frequency (MHz)	99% Bandwidth Chain 0 (MHz)	99% Bandwidth Chain 1 (MHz)	99% Bandwidth Chain 2 (MHz)	Limit (MHz)
Low	6465	77.03	77.40	77.10	320
High	6545	77.10	77.01	76.78	320



CHAIN 0



CHAIN 1



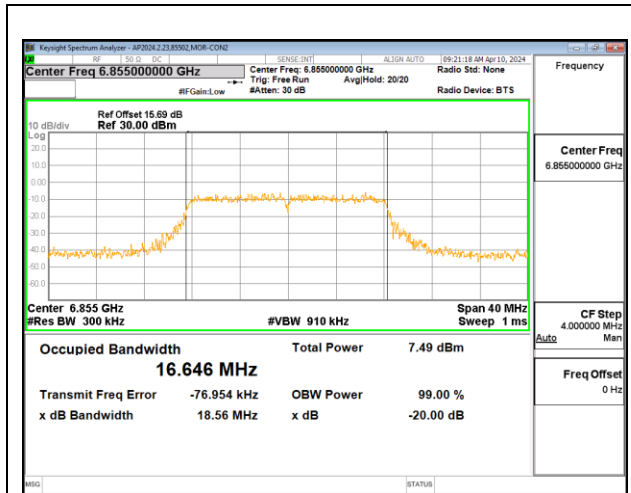
CHAIN 2

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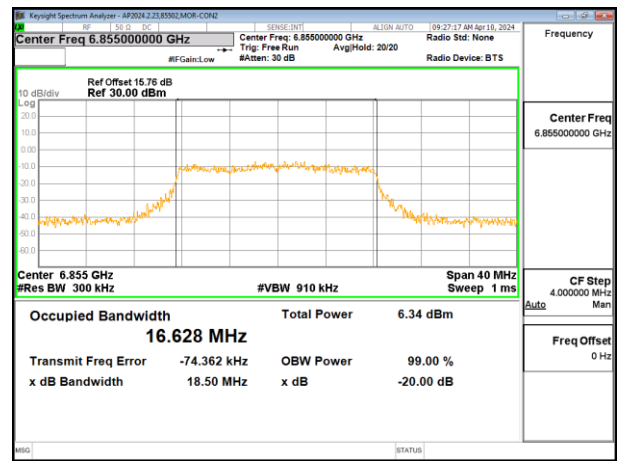
9.4.9. 802.11a MODE 3TX IN THE UNII-7 BAND

3TX CHAIN 0 + CHAIN 1 + CHAIN 2 CDD OFDMA MODE

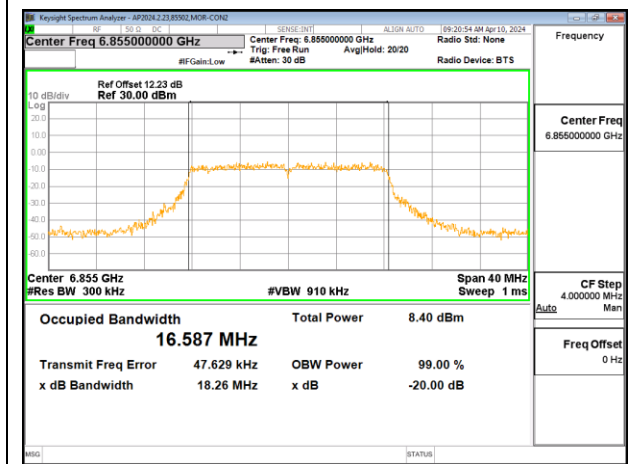
Channel	Frequency (MHz)	99% Bandwidth Chain 0 (MHz)	99% Bandwidth Chain 1 (MHz)	99% Bandwidth Chain 2 (MHz)	Limit (MHz)
Low	6535	16.53	16.61	16.59	320
Mid	6715	16.57	16.61	16.54	320
High	6855	16.65	16.63	16.59	320



CHAIN 0



CHAIN 1



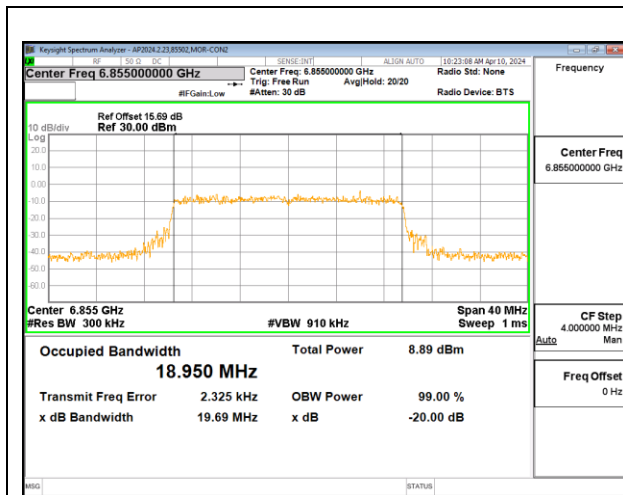
CHAIN 2

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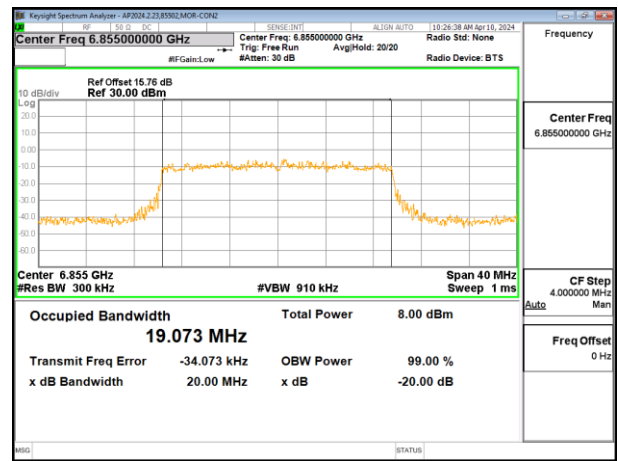
9.4.10. 802.11ax HE20 MODE 3TX IN THE UNII-7 BAND

3TX CHAIN 0 + CHAIN 1 + CHAIN 2 CDD OFDMA MODE: SU

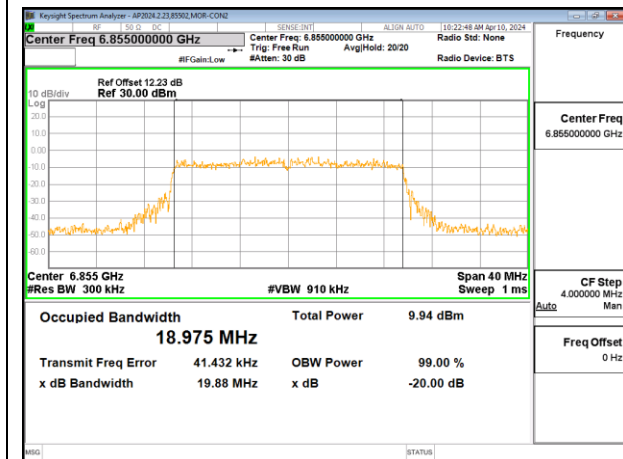
Channel	Frequency (MHz)	99% Bandwidth Chain 0 (MHz)	99% Bandwidth Chain 1 (MHz)	99% Bandwidth Chain 2 (MHz)	Limit (MHz)
Low	6535	18.99	18.99	19.01	320
Mid	6715	19.00	19.06	19.04	320
High	6855	18.95	19.07	18.98	320



CHAIN 0



CHAIN 1



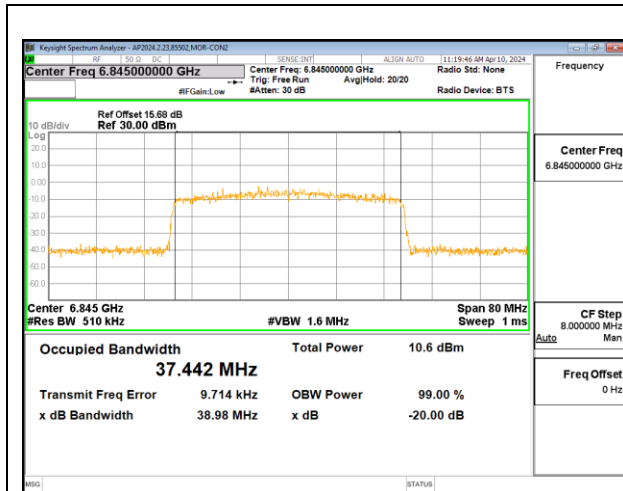
CHAIN 2

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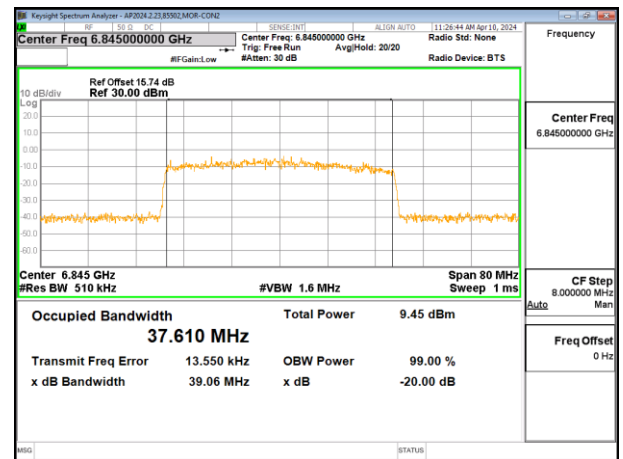
9.4.11. 802.11ax HE40 MODE 3TX IN THE UNII-7 BAND

3TX CHAIN 0 + CHAIN 1 + CHAIN 2 CDD OFDMA MODE: SU

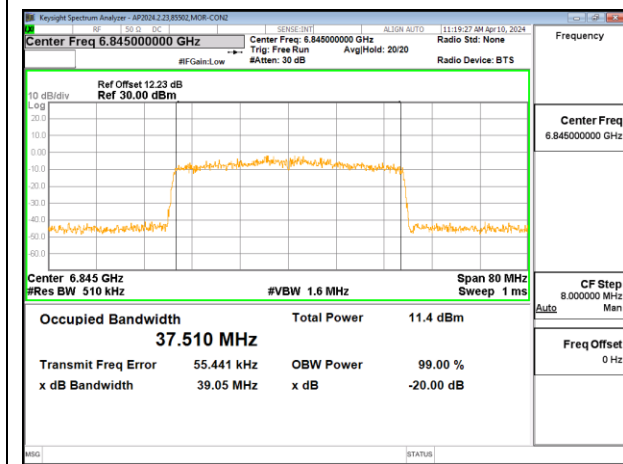
Channel	Frequency (MHz)	99% Bandwidth Chain 0 (MHz)	99% Bandwidth Chain 1 (MHz)	99% Bandwidth Chain 2 (MHz)	Limit (MHz)
Low	6565	37.47	37.53	37.57	320
Mid	6685	37.60	37.39	37.45	320
High	6845	37.44	37.61	37.51	320



CHAIN 0



CHAIN 1



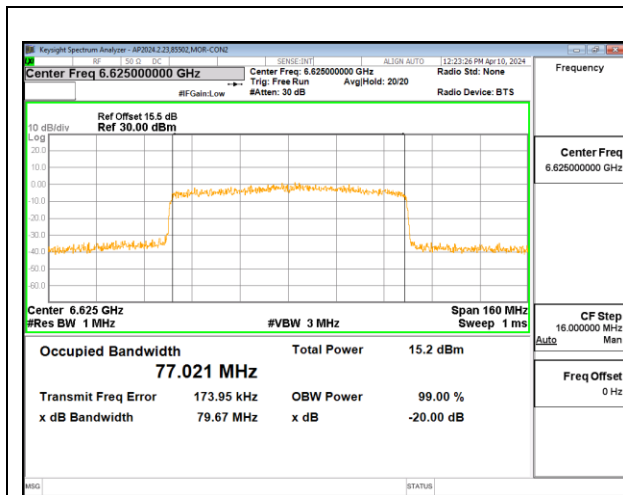
CHAIN 2

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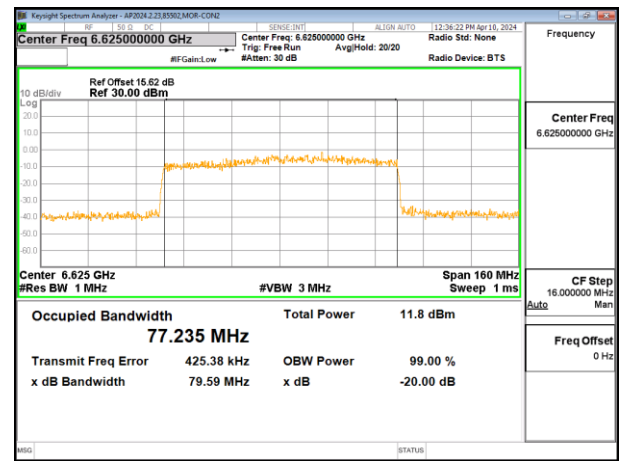
9.4.12. 802.11ax HE80 MODE 3TX IN THE UNII-7 BAND

3TX CHAIN 0 + CHAIN 1 + CHAIN 2 CDD OFDMA MODE: SU

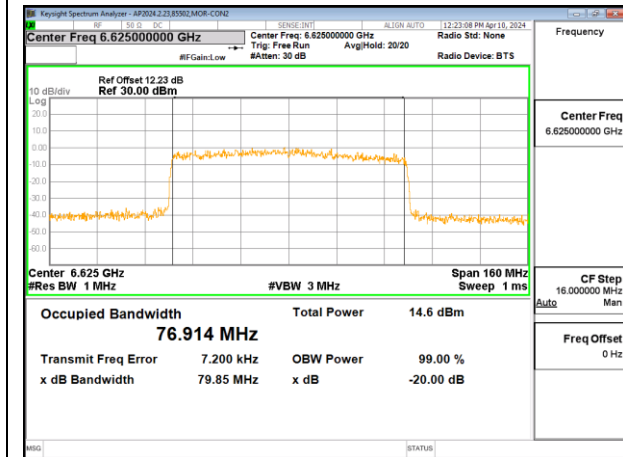
Channel	Frequency (MHz)	99% Bandwidth Chain 0 (MHz)	99% Bandwidth Chain 1 (MHz)	99% Bandwidth Chain 2 (MHz)	Limit (MHz)
Low	6625	77.02	77.24	76.91	320
Mid	6705	77.01	77.16	76.99	320
High	6785	76.89	76.82	76.81	320



CHAIN 0



CHAIN 1



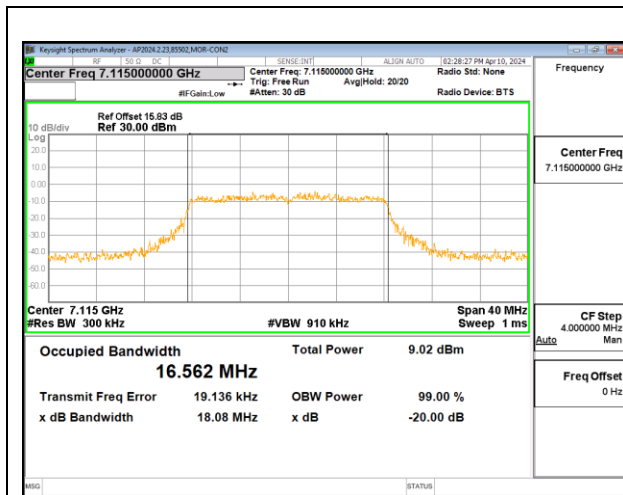
CHAIN 2

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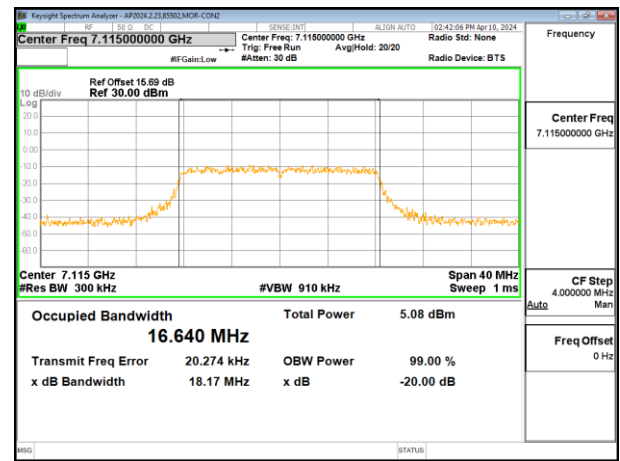
9.4.13. 802.11a MODE 3TX IN THE UNII-8 BAND

3TX CHAIN 0 + CHAIN 1 + CHAIN 2 CDD OFDMA MODE

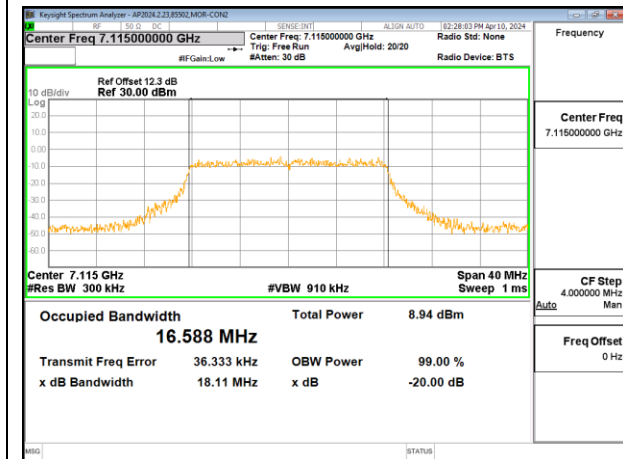
Channel	Frequency (MHz)	99% Bandwidth Chain 0 (MHz)	99% Bandwidth Chain 1 (MHz)	99% Bandwidth Chain 2 (MHz)	Limit (MHz)
Low	6875	16.59	16.64	16.56	320
Mid	6995	16.63	16.57	16.50	320
High	7115	16.56	16.64	16.59	320



CHAIN 0



CHAIN 1



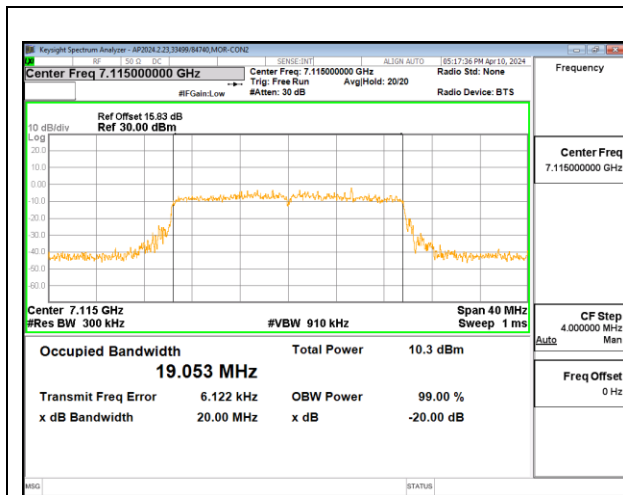
CHAIN 2

INTENTIONALLY LEFT BLANK

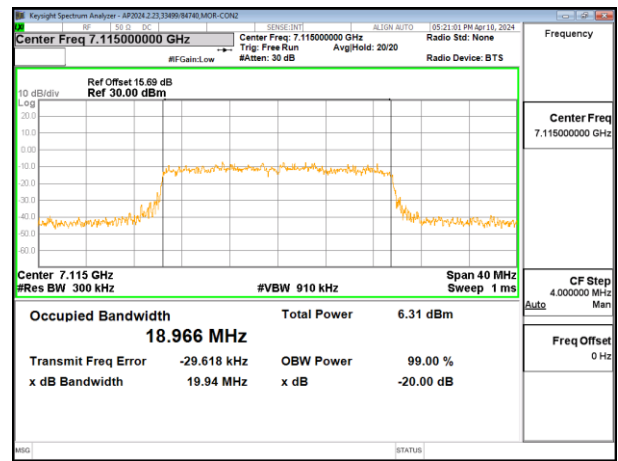
9.4.14. 802.11ax HE20 MODE 3TX IN THE UNII-8 BAND

3TX CHAIN 0 + CHAIN 1 + CHAIN 2 CDD OFDMA MODE: SU

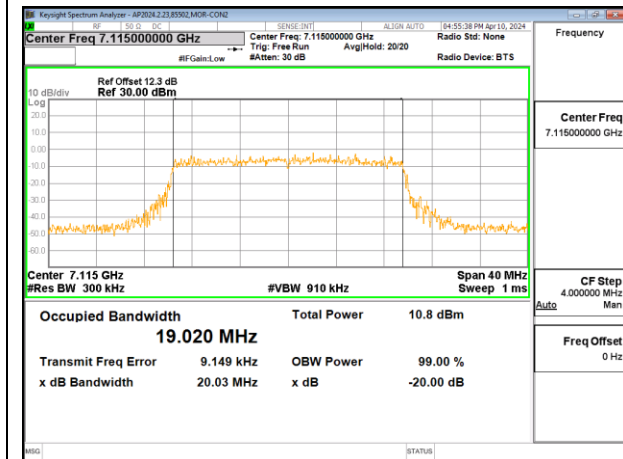
Channel	Frequency (MHz)	99% Bandwidth Chain 0 (MHz)	99% Bandwidth Chain 1 (MHz)	99% Bandwidth Chain 2 (MHz)	Limit (MHz)
Low	6875	19.02	18.96	19.00	320
Mid	6995	19.01	19.00	19.00	320
High	7115	19.05	18.97	19.02	320



CHAIN 0



CHAIN 1



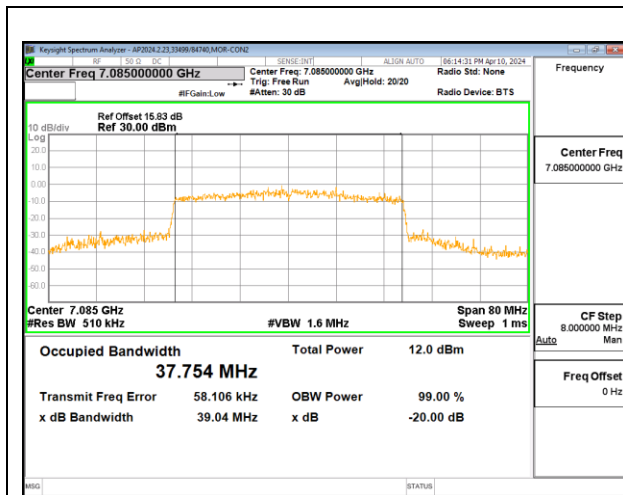
CHAIN 2

INTENTIONALLY LEFT BLANK

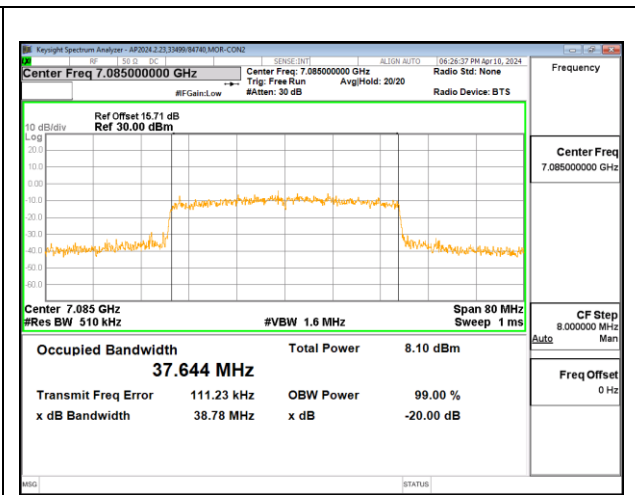
9.4.15. 802.11ax HE40 MODE 3TX IN THE UNII-8 BAND

3TX CHAIN 0 + CHAIN 1 + CHAIN 2 CDD OFDMA MODE: SU

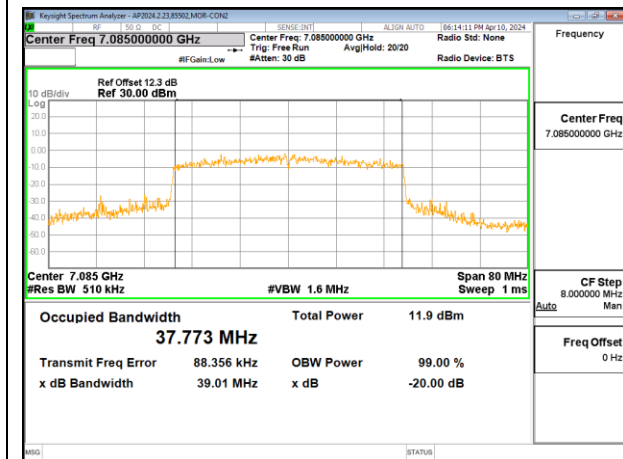
Channel	Frequency (MHz)	99% Bandwidth Chain 0 (MHz)	99% Bandwidth Chain 1 (MHz)	99% Bandwidth Chain 2 (MHz)	Limit (MHz)
Low	6885	37.56	37.61	37.60	320
Mid	6965	37.57	37.62	37.60	320
High	7085	37.75	37.64	37.77	320



CHAIN 0



CHAIN 1



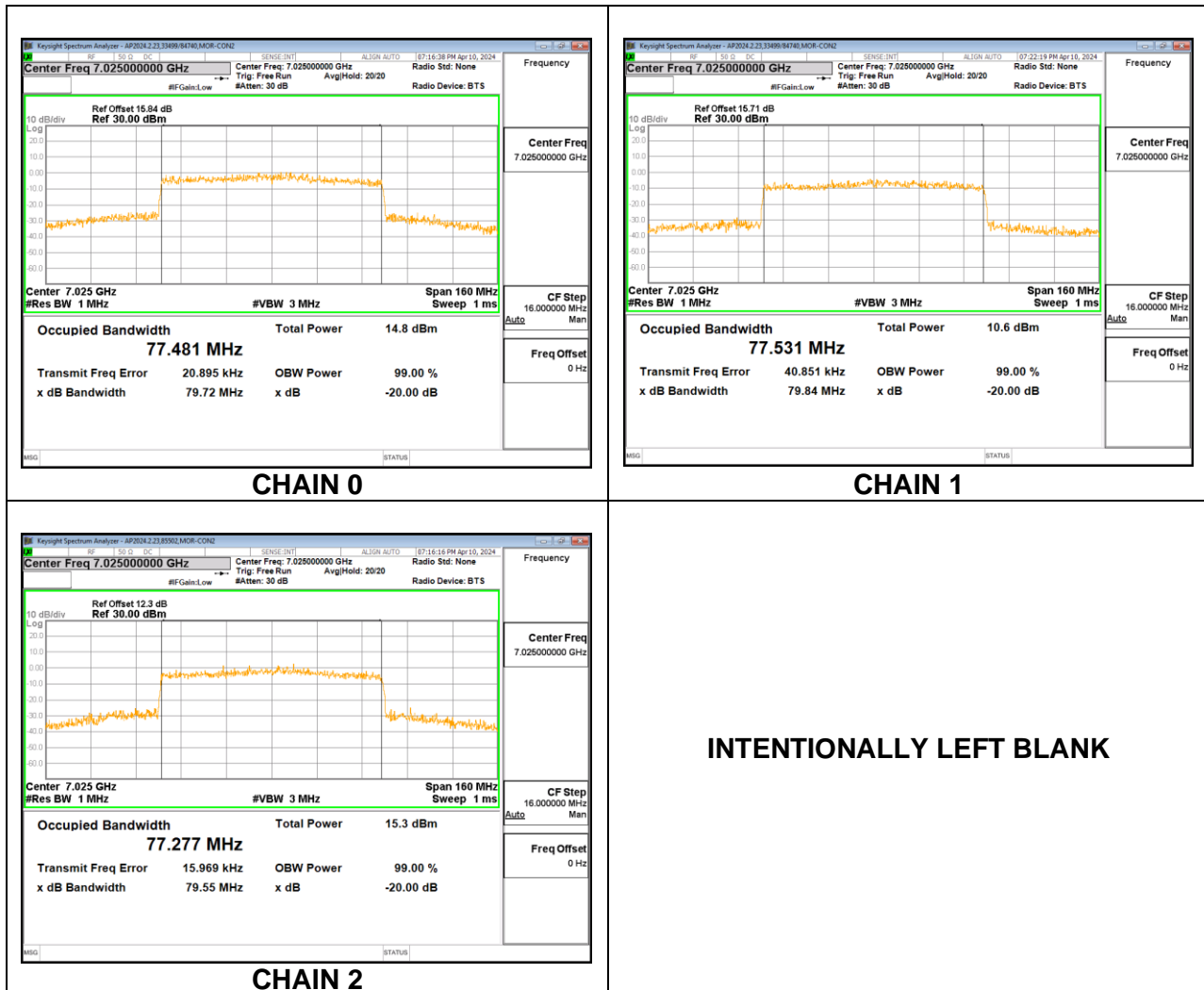
CHAIN 2

INTENTIONALLY LEFT BLANK

9.4.16. 802.11ax HE80 MODE 3TX IN THE UNII-8 BAND

3TX CHAIN 0 + CHAIN 1 + CHAIN 2 CDD OFDMA MODE: SU

Channel	Frequency (MHz)	99% Bandwidth Chain 0 (MHz)	99% Bandwidth Chain 1 (MHz)	99% Bandwidth Chain 2 (MHz)	Limit (MHz)
Low	6865	76.94	77.24	76.92	320
Mid	6945	76.98	76.96	76.85	320
High	7025	77.48	77.53	77.28	320



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