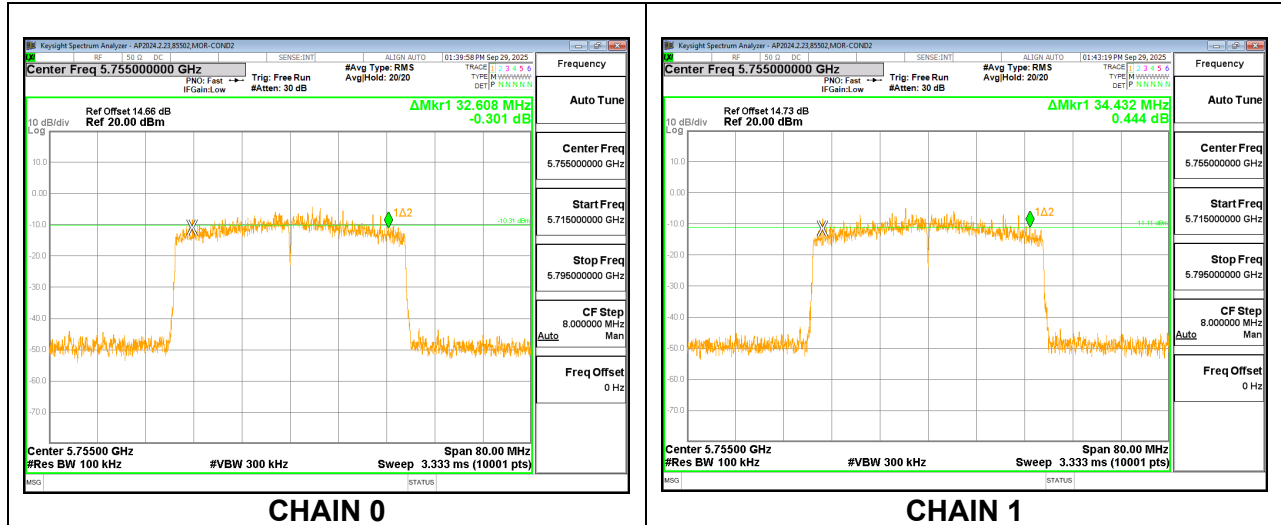


9.3.6. 802.11ax HE40 MODE IN THE 5.8 GHz BAND

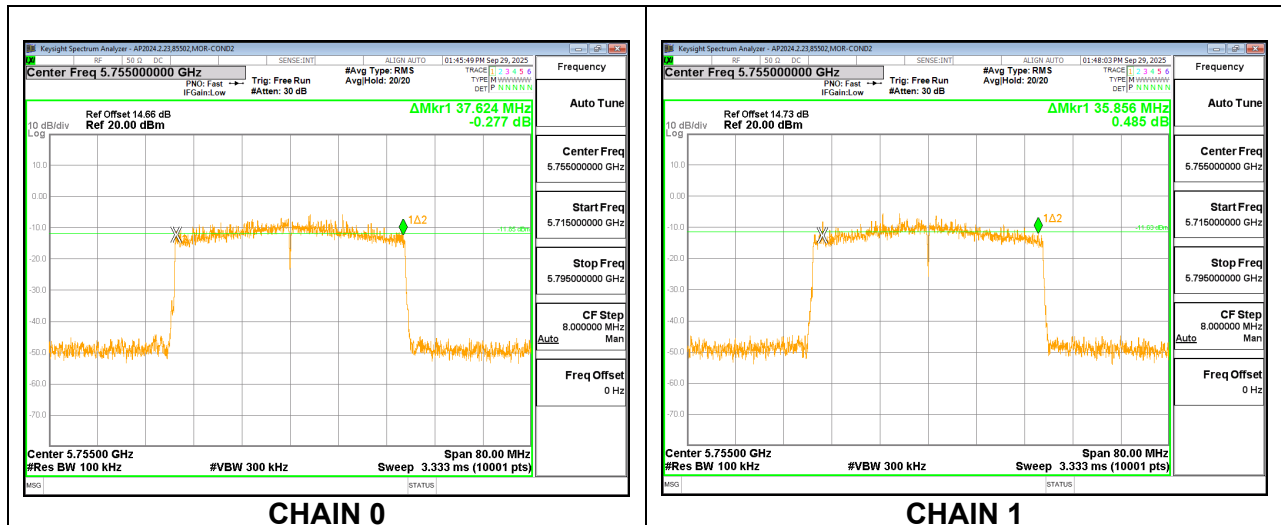
2TX CHAIN 0 + CHAIN 1 CDD MODE: 484T

Channel	Frequency (MHz)	6dB BW Chain 0 (MHz)	6dB BW Chain 1 (MHz)	Minimum Limit (MHz)
Low	5755	32.608	34.432	0.500
High	5795	36.368	37.416	0.500



2TX CHAIN 0 + CHAIN 1 CDD MODE: SU

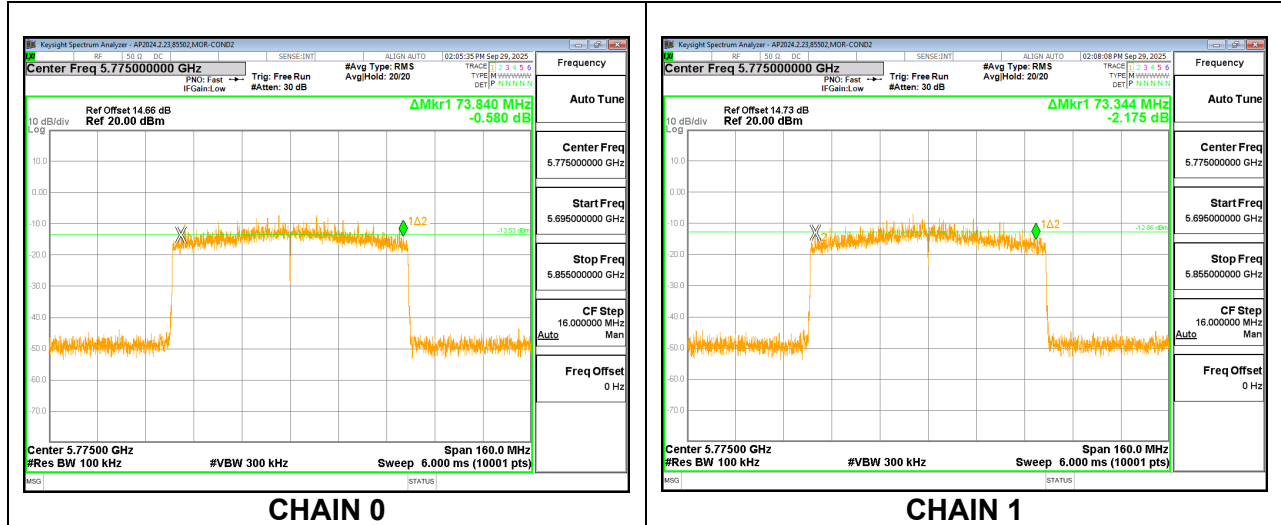
Channel	Frequency (MHz)	6dB BW Chain 0 (MHz)	6dB BW Chain 1 (MHz)	Minimum Limit (MHz)
Low	5755	37.624	35.856	0.500
High	5795	34.928	36.368	0.500



9.3.7. 802.11ax HE80 MODE IN THE 5.8 GHz BAND

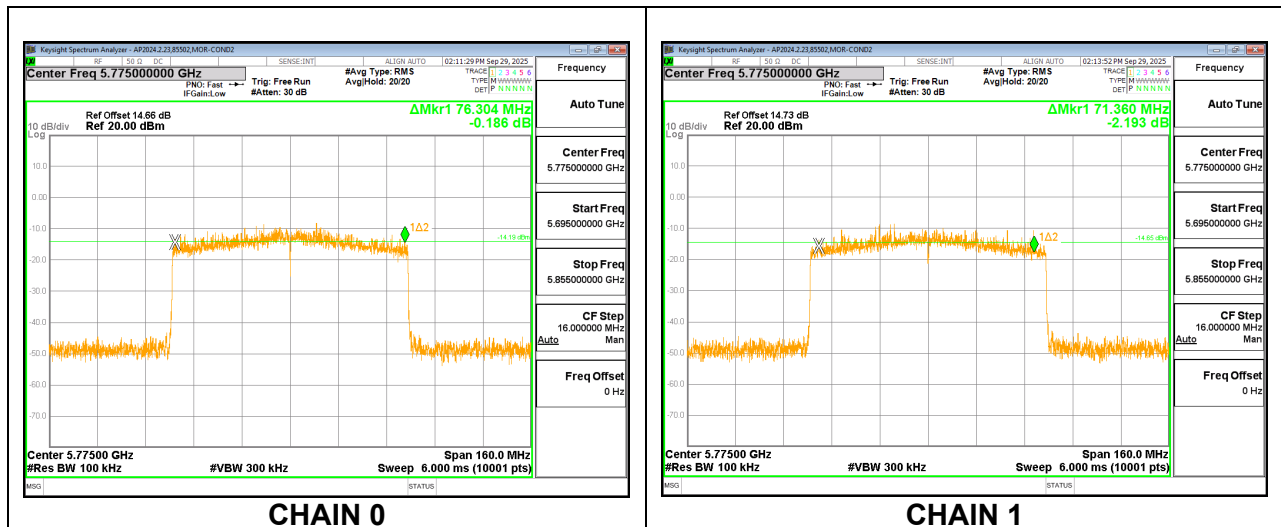
2TX CHAIN 0 + CHAIN 1 CDD MODE: 996T

Channel	Frequency (MHz)	6dB BW Chain 0 (MHz)	6dB BW Chain 1 (MHz)	Minimum Limit (MHz)
Mid	5775	73.84	73.344	0.500



2TX CHAIN 0 + CHAIN 1 CDD MODE: SU

Channel	Frequency (MHz)	6dB BW Chain 0 (MHz)	6dB BW Chain 1 (MHz)	Minimum Limit (MHz)
Mid	5775	76.304	71.36	0.500



9.4. 99% BANDWIDTH

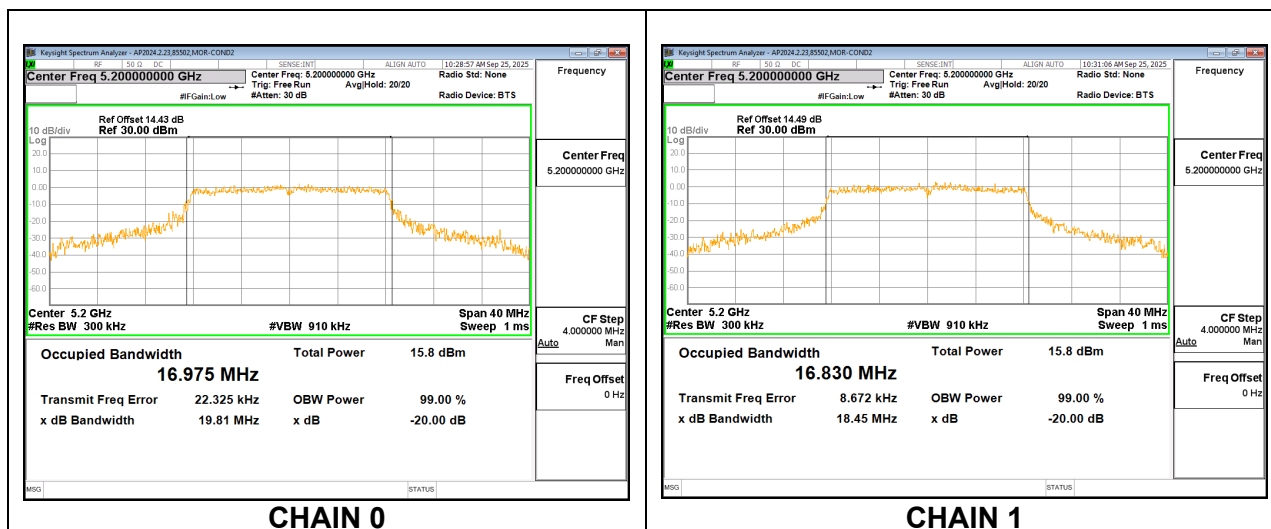
LIMITS

None; for reporting purposes only.

9.4.1. 802.11a MODE IN THE 5.2 GHz BAND

2TX CHAIN 0 + CHAIN 1 CDD MODE

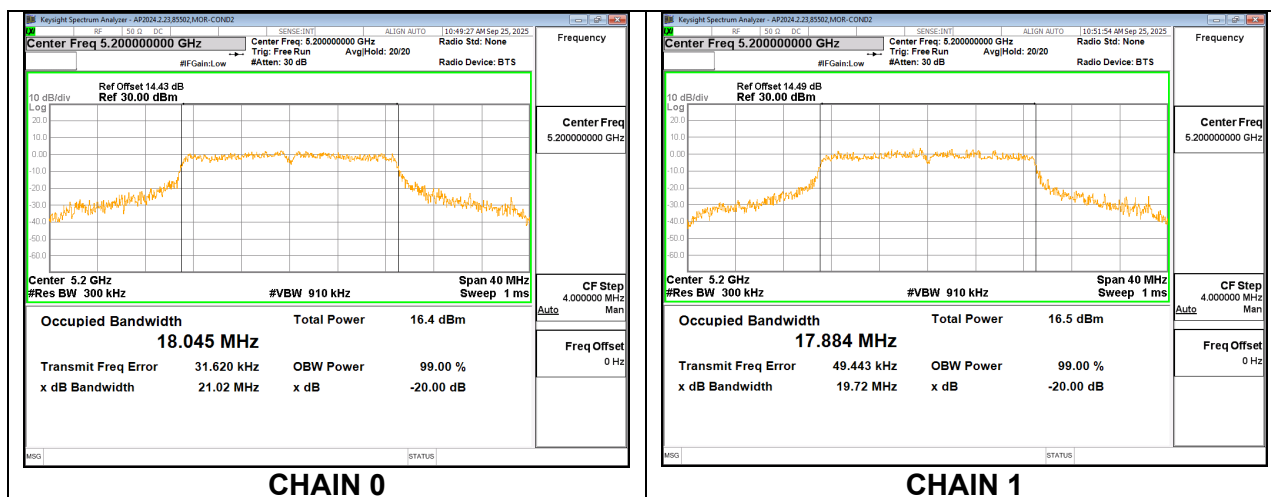
Channel	Frequency (MHz)	99% BW Chain 0 (MHz)	99% BW Chain 1 (MHz)
Low	5180	17.027	16.749
Mid	5200	16.975	16.830
High	5240	17.019	16.850



9.4.2. 802.11n HT20 MODE IN THE 5.2 GHz BAND

2TX CHAIN 0 + CHAIN 1 CDD MODE

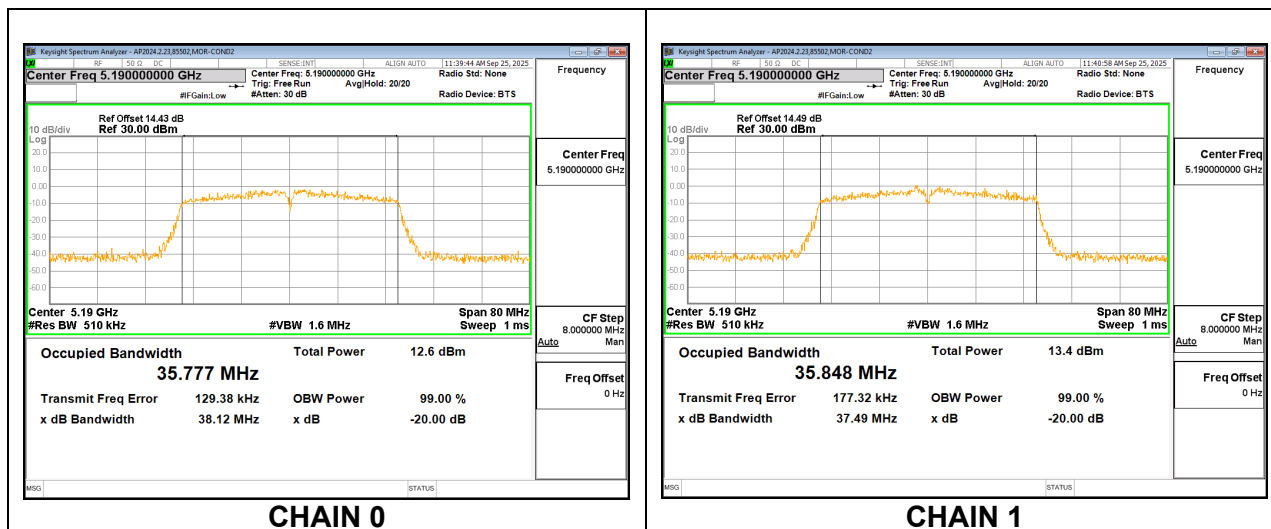
Channel	Frequency (MHz)	99% BW Chain 0 (MHz)	99% BW Chain 1 (MHz)
Low	5180	18.077	17.831
Mid	5200	18.045	17.884
High	5240	18.016	17.789



9.4.3. 802.11n HT40 MODE IN THE 5.2 GHz BAND

2TX CHAIN 0 + CHAIN 1 CDD MODE

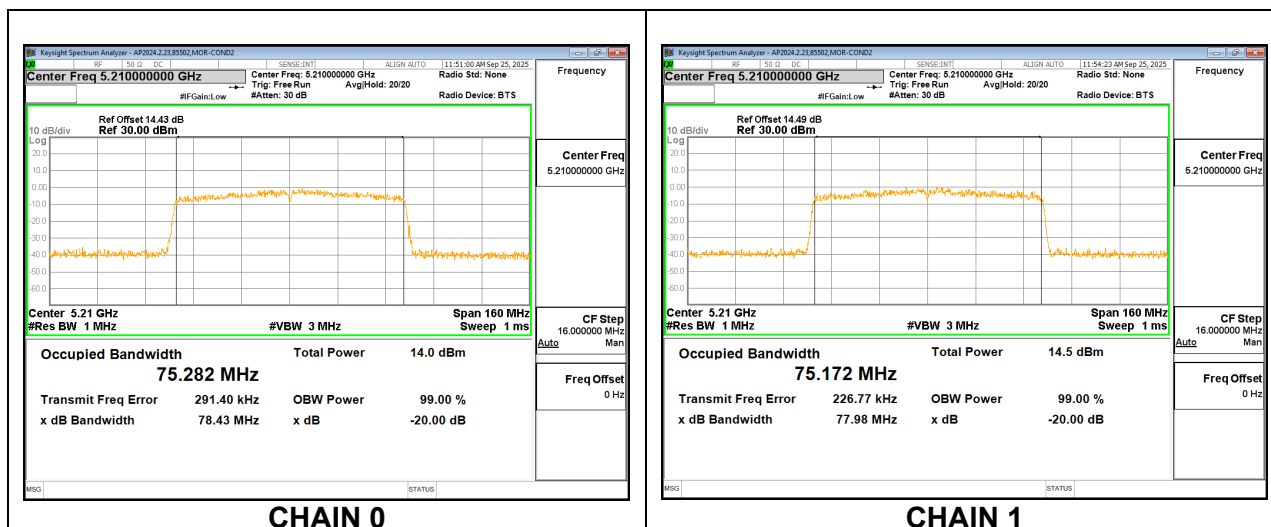
Channel	Frequency (MHz)	99% BW Chain 0 (MHz)	99% BW Chain 1 (MHz)
Low	5190	35.777	35.848
High	5230	35.830	35.868



9.4.4. 802.11ac VHT80 MODE IN THE 5.2 GHz BAND

2TX CHAIN 0 + CHAIN 1 CDD MODE

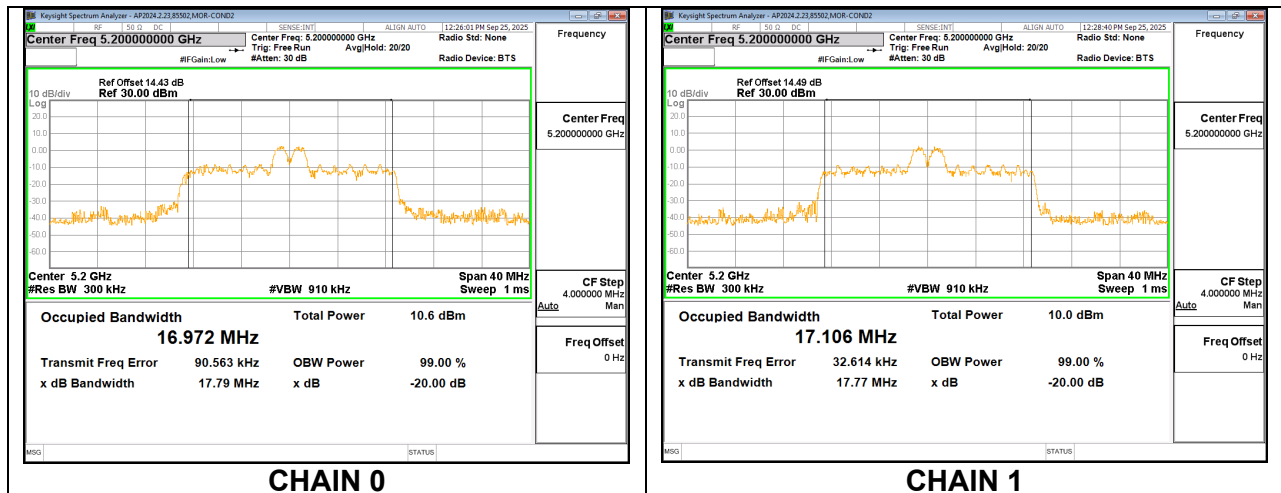
Channel	Frequency (MHz)	99% BW Chain 0 (MHz)	99% BW Chain 1 (MHz)
Mid	5210	75.282	75.172



9.4.5. 802.11ax HE20 MODE IN THE 5.2 GHz BAND

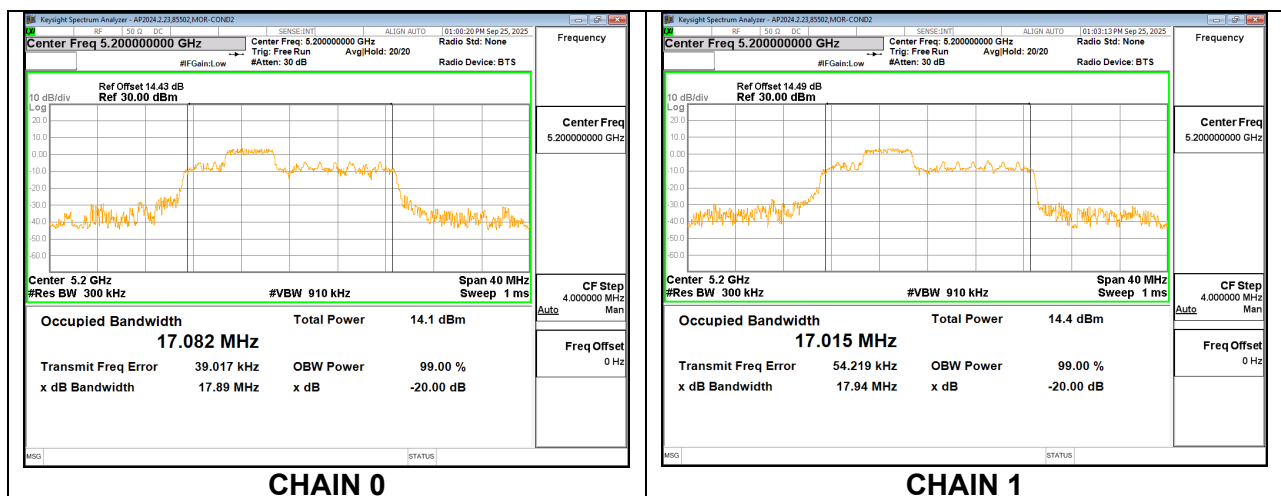
2TX CHAIN 0 + CHAIN 1 CDD MODE: 26T

Channel	Frequency (MHz)	99% BW Chain 0 (MHz)	99% BW Chain 1 (MHz)
Low	5180	18.606	18.491
Mid	5200	16.972	17.106
High	5240	18.544	18.589



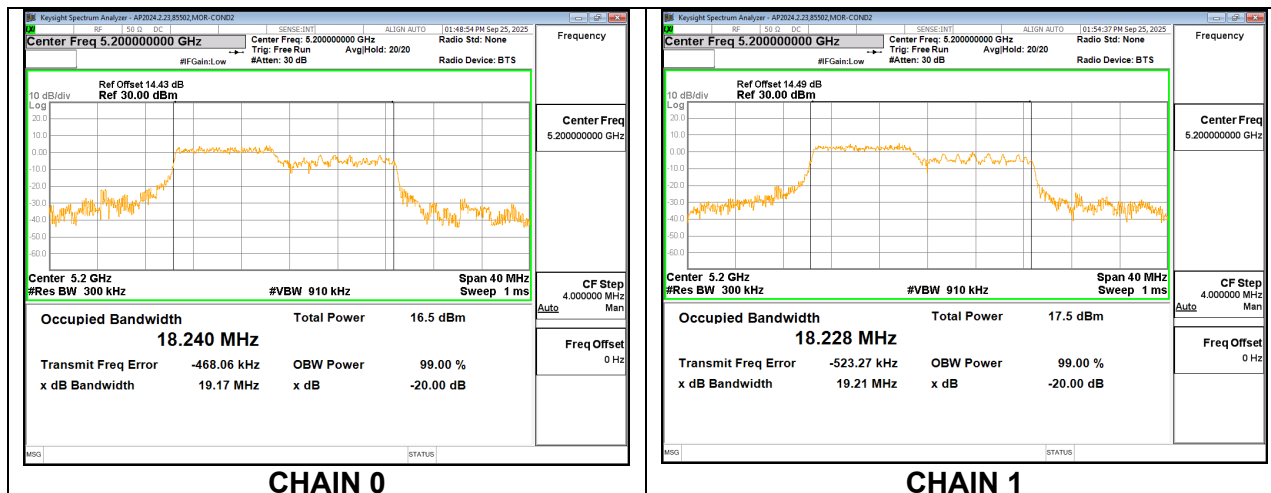
2TX CHAIN 0 + CHAIN 1 CDD MODE: 52T

Channel	Frequency (MHz)	99% BW Chain 0 (MHz)	99% BW Chain 1 (MHz)
Low	5180	18.304	18.290
Mid	5200	17.082	17.015
High	5240	18.196	18.263



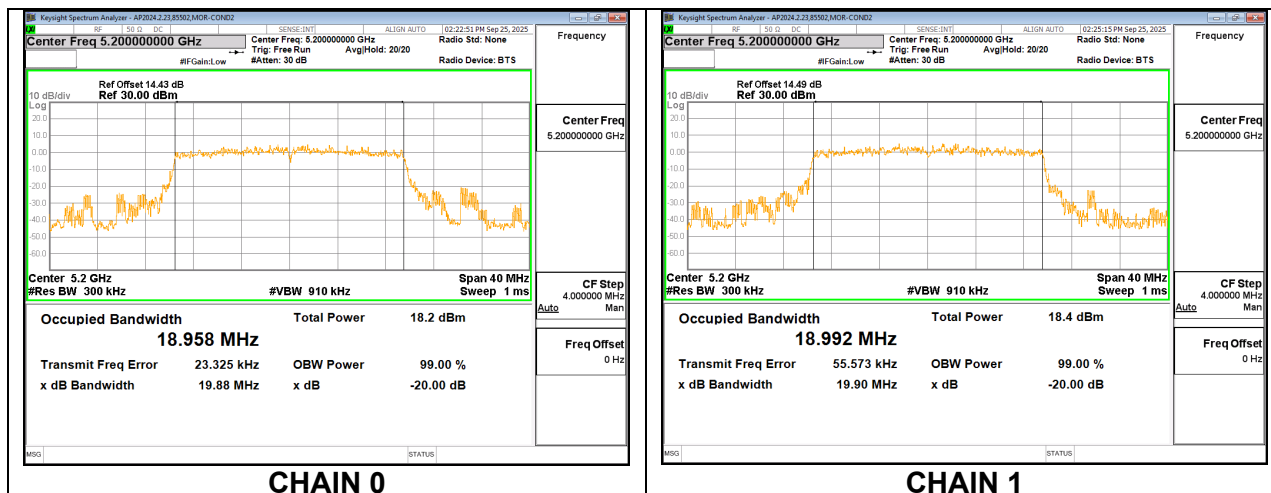
2TX CHAIN 0 + CHAIN 1 CDD MODE: 106T

Channel	Frequency (MHz)	99% BW Chain 0 (MHz)	99% BW Chain 1 (MHz)
Low	5180	18.263	18.233
Mid	5200	18.240	18.228
High	5240	18.289	18.257



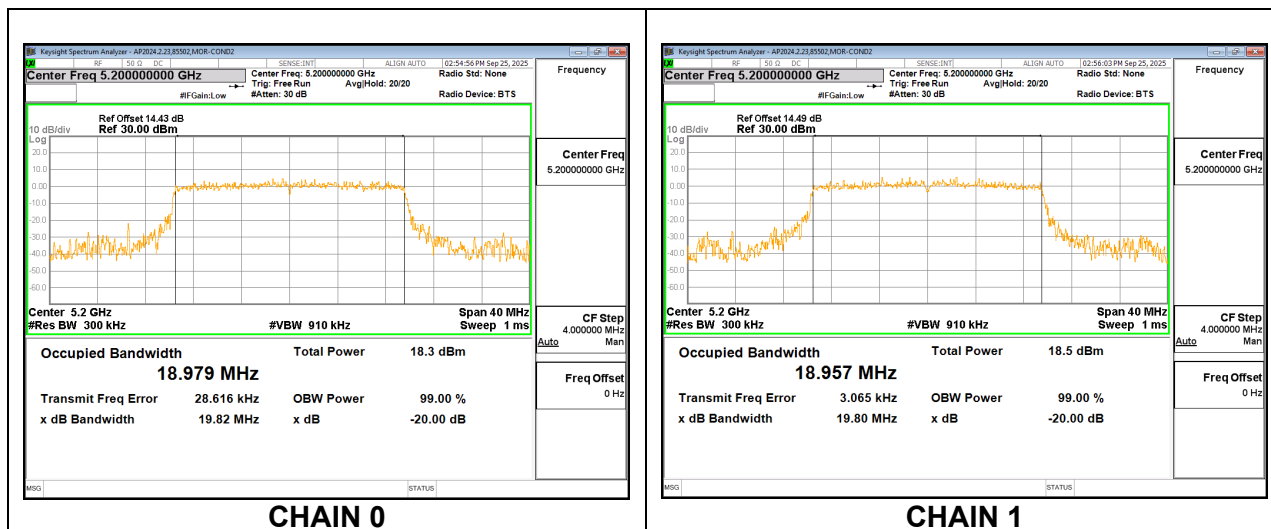
2TX CHAIN 0 + CHAIN 1 CDD MODE: 242T

Channel	Frequency (MHz)	99% BW Chain 0 (MHz)	99% BW Chain 1 (MHz)
Low	5180	18.857	18.915
Mid	5200	18.958	18.992
High	5240	19.006	18.953



2TX CHAIN 0 + CHAIN 1 CDD MODE: SU

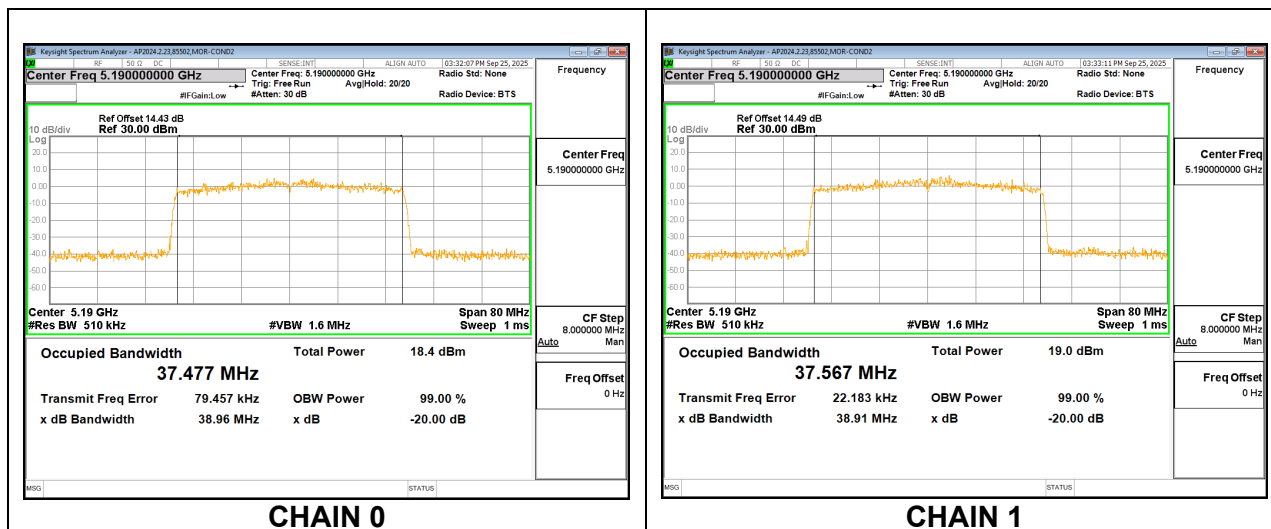
Channel	Frequency (MHz)	99% BW Chain 0 (MHz)	99% BW Chain 1 (MHz)
Low	5180	18.939	18.995
Mid	5200	18.979	18.957
High	5240	18.981	18.977



9.4.6. 802.11ax HE40 MODE IN THE 5.2 GHz BAND

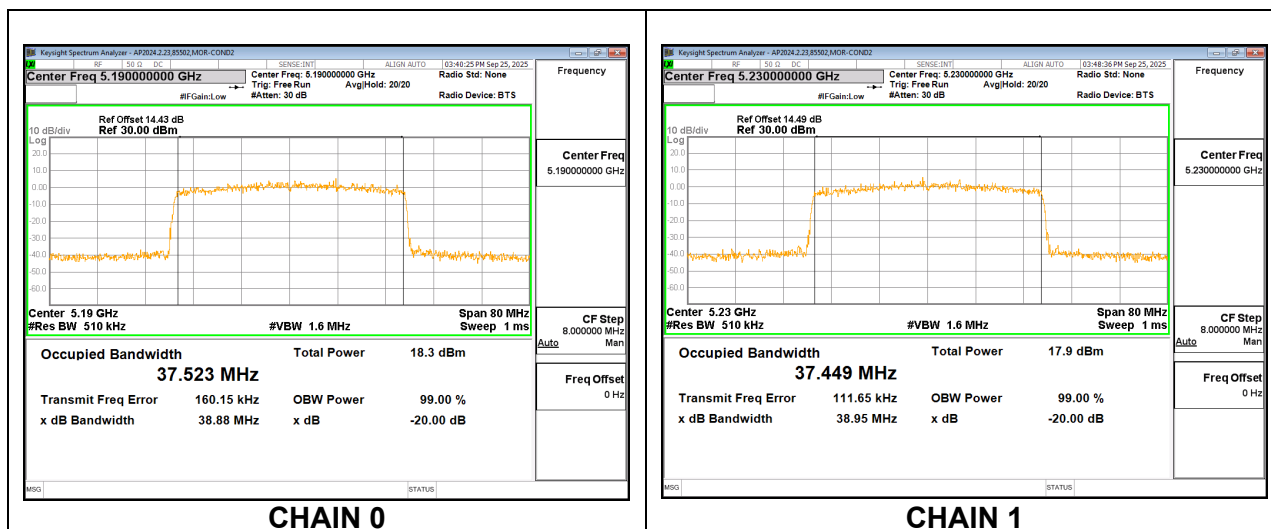
2TX CHAIN 0 + CHAIN 1 CDD MODE: 484T

Channel	Frequency (MHz)	99% BW Chain 0 (MHz)	99% BW Chain 1 (MHz)
Low	5190	37.477	37.567
High	5230	37.437	37.454



2TX CHAIN 0 + CHAIN 1 CDD MODE: SU

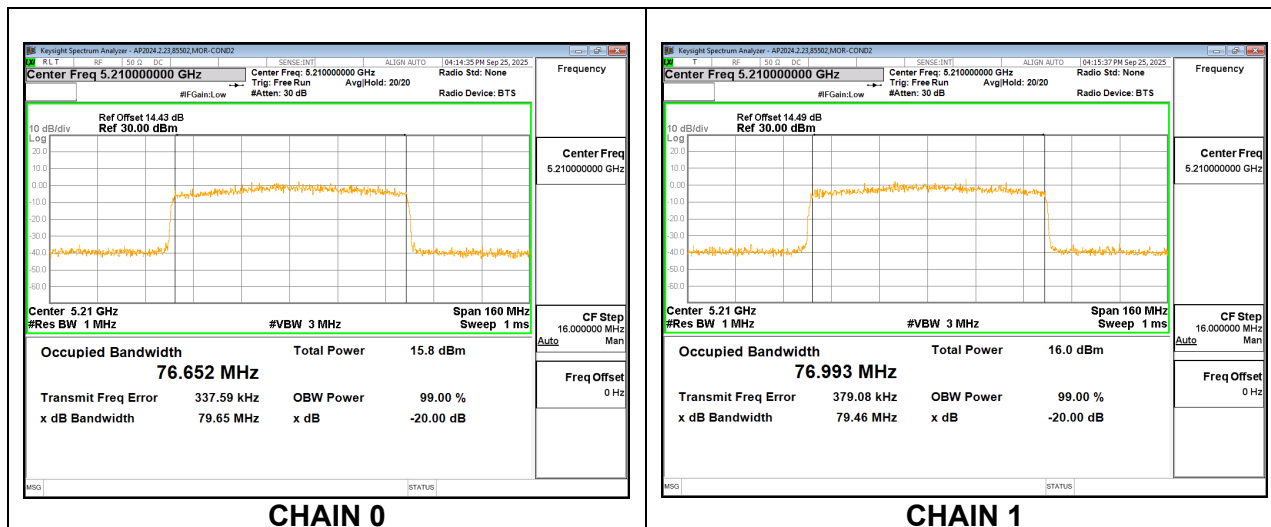
Channel	Frequency (MHz)	99% BW Chain 0 (MHz)	99% BW Chain 1 (MHz)
Low	5190	37.523	37.456
High	5230	37.599	37.449



9.4.7. 802.11ax HE80 MODE IN THE 5.2 GHz BAND

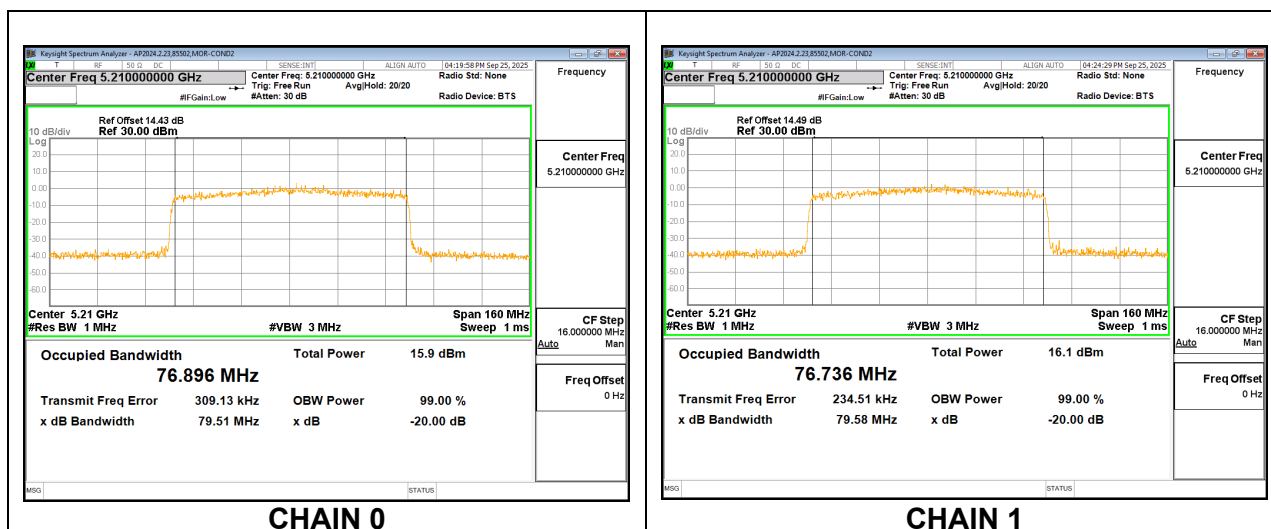
2TX CHAIN 0 + CHAIN 1 CDD MODE: 996T

Channel	Frequency (MHz)	99% BW Chain 0 (MHz)	99% BW Chain 1 (MHz)
Mid	5210	76.652	76.993



2TX CHAIN 0 + CHAIN 1 CDD MODE: SU

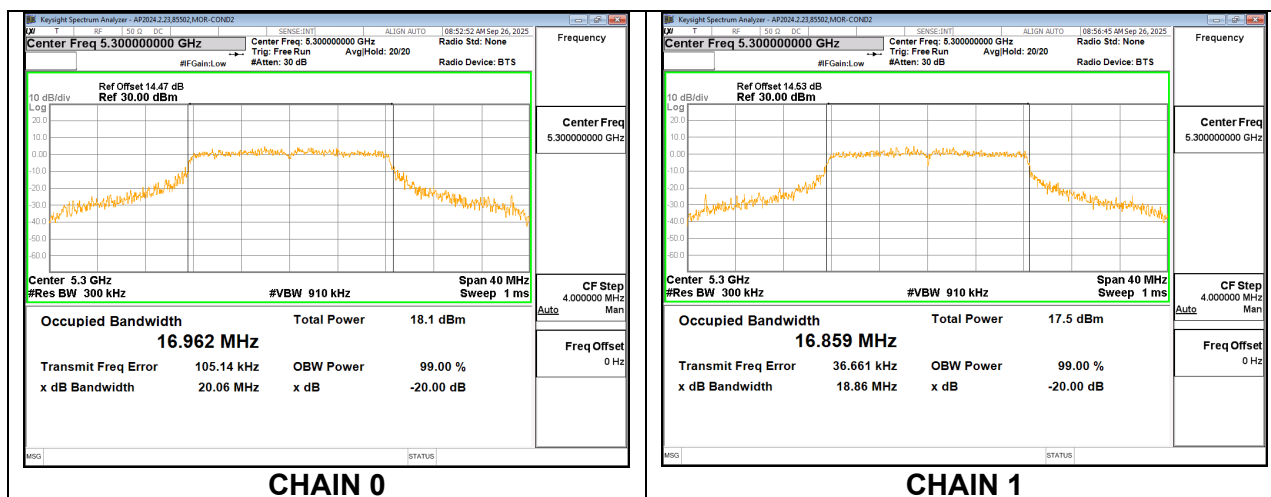
Channel	Frequency (MHz)	99% BW Chain 0 (MHz)	99% BW Chain 1 (MHz)
Mid	5210	76.896	76.736



9.4.8. 802.11a MODE IN THE 5.3 GHz BAND

2TX CHAIN 0 + CHAIN 1 CDD MODE

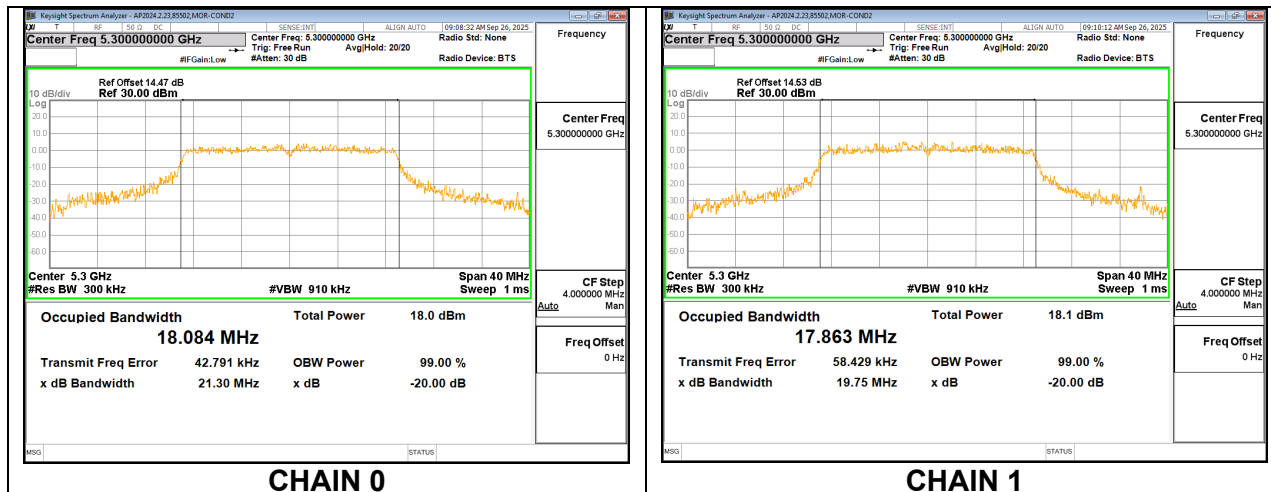
Channel	Frequency (MHz)	99% BW Chain 0 (MHz)	99% BW Chain 1 (MHz)
Low	5260	17.055	16.849
Mid	5300	16.962	16.859
High	5320	16.974	16.819



9.4.9. 802.11n HT20 MODE IN THE 5.3 GHz BAND

2TX CHAIN 0 + CHAIN 1 CDD MODE

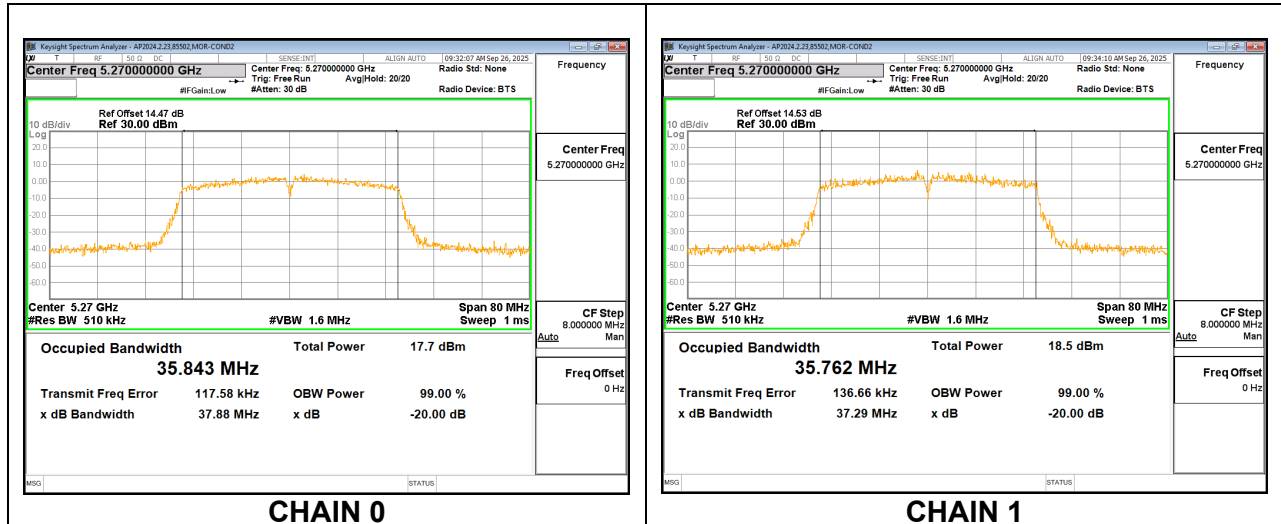
Channel	Frequency (MHz)	99% BW Chain 0 (MHz)	99% BW Chain 1 (MHz)
Low	5260	17.998	17.804
Mid	5300	18.084	17.863
High	5320	17.967	17.797



9.4.10. 802.11n HT40 MODE IN THE 5.3 GHz BAND

2TX CHAIN 0 + CHAIN 1 CDD MODE

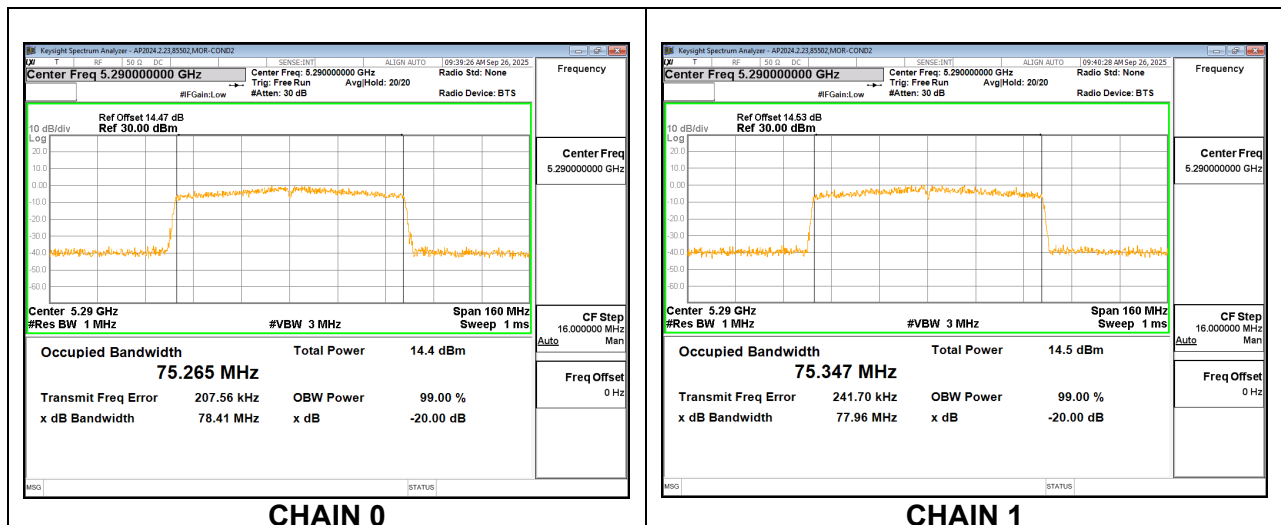
Channel	Frequency (MHz)	99% BW Chain 0 (MHz)	99% BW Chain 1 (MHz)
Low	5270	35.843	35.762
High	5310	35.839	35.811



9.4.11. 802.11ac VHT80 MODE IN THE 5.3 GHz BAND

2TX CHAIN 0 + CHAIN 1 CDD MODE

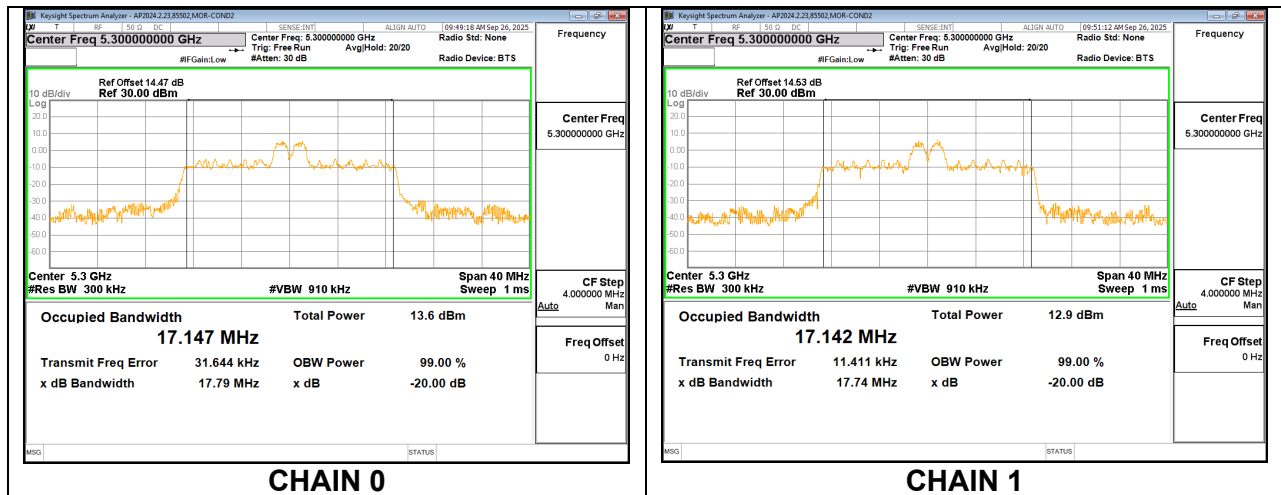
Channel	Frequency (MHz)	99% BW Chain 0 (MHz)	99% BW Chain 1 (MHz)
Mid	5290	75.265	75.347



9.4.12. 802.11ax HE20 MODE IN THE 5.3GHz BAND

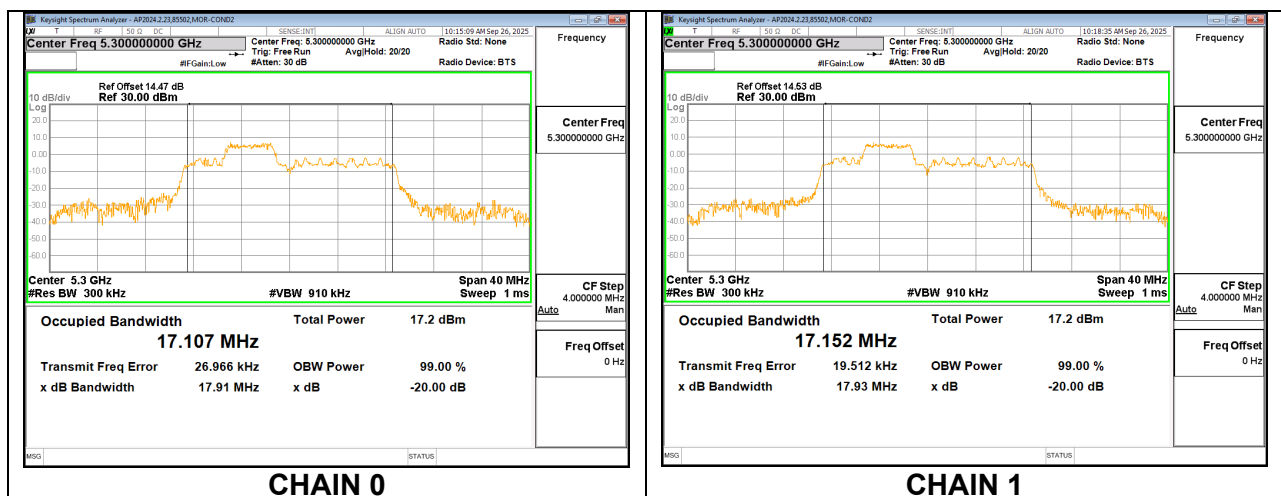
2TX CHAIN 0 + CHAIN 1 CDD MODE: 26T

Channel	Frequency (MHz)	99% BW Chain 0 (MHz)	99% BW Chain 1 (MHz)
Low	5260	18.491	18.565
Mid	5300	17.147	17.142
High	5320	18.666	18.567



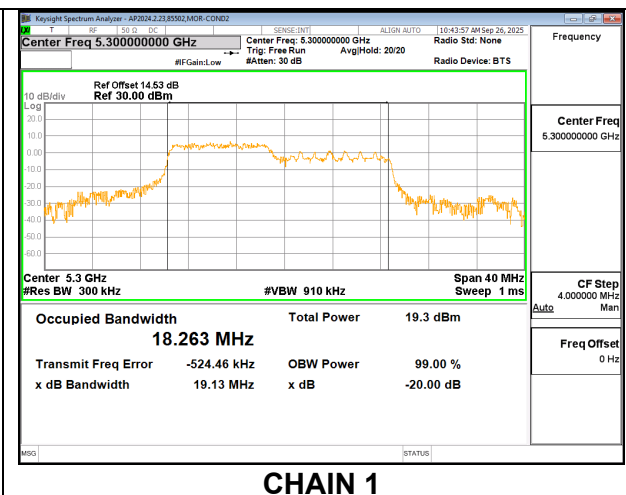
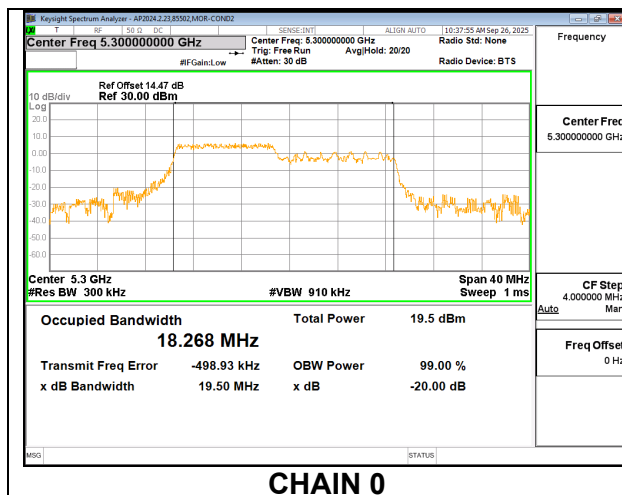
2TX CHAIN 0 + CHAIN 1 CDD MODE: 52T

Channel	Frequency (MHz)	99% BW Chain 0 (MHz)	99% BW Chain 1 (MHz)
Low	5260	18.436	18.288
Mid	5300	17.107	17.152
High	5320	18.392	18.364



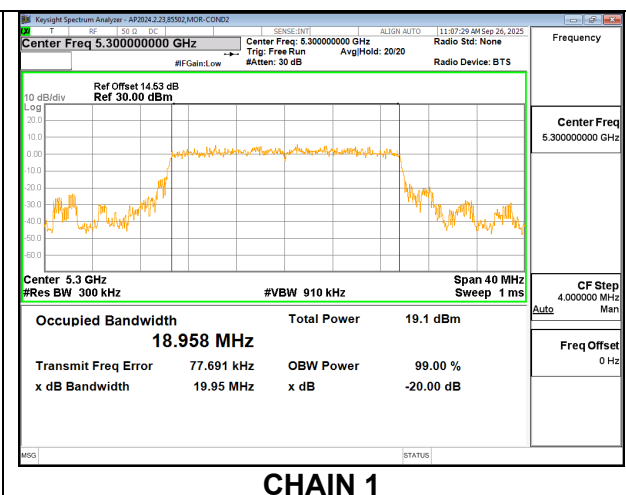
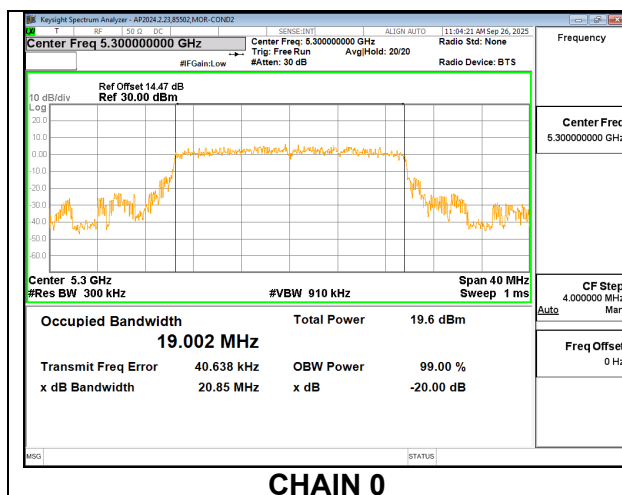
2TX CHAIN 0 + CHAIN 1 CDD MODE: 106T

Channel	Frequency (MHz)	99% BW Chain 0 (MHz)	99% BW Chain 1 (MHz)
Low	5260	18.280	18.241
Mid	5300	18.268	18.263
High	5320	18.339	18.227



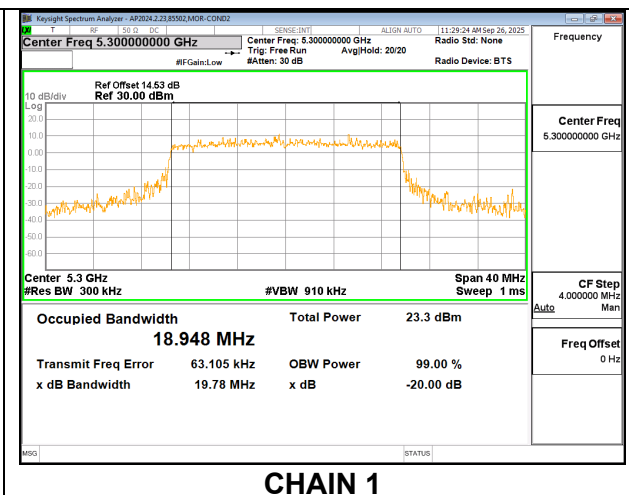
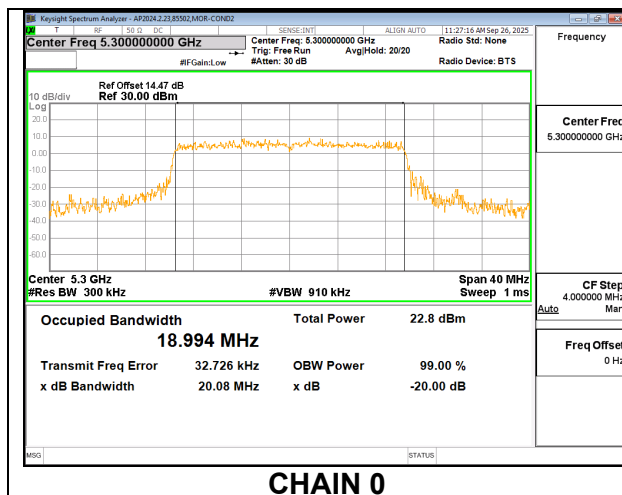
2TX CHAIN 0 + CHAIN 1 CDD MODE: 242T

Channel	Frequency (MHz)	99% BW Chain 0 (MHz)	99% BW Chain 1 (MHz)
Low	5260	18.956	18.928
Mid	5300	19.002	18.958
High	5320	18.978	18.979



2TX CHAIN 0 + CHAIN 1 CDD MODE: SU

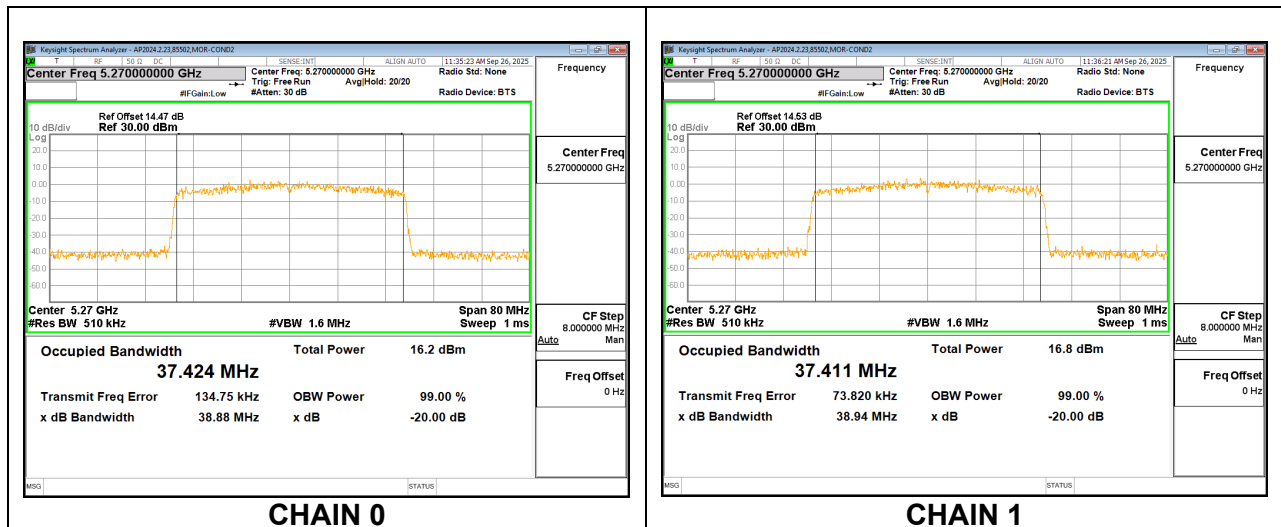
Channel	Frequency (MHz)	99% BW Chain 0 (MHz)	99% BW Chain 1 (MHz)
Low	5260	18.945	19.013
Mid	5300	18.994	18.948
High	5320	18.969	18.973



9.4.13. 802.11ax HE40 MODE IN THE 5.3GHz BAND

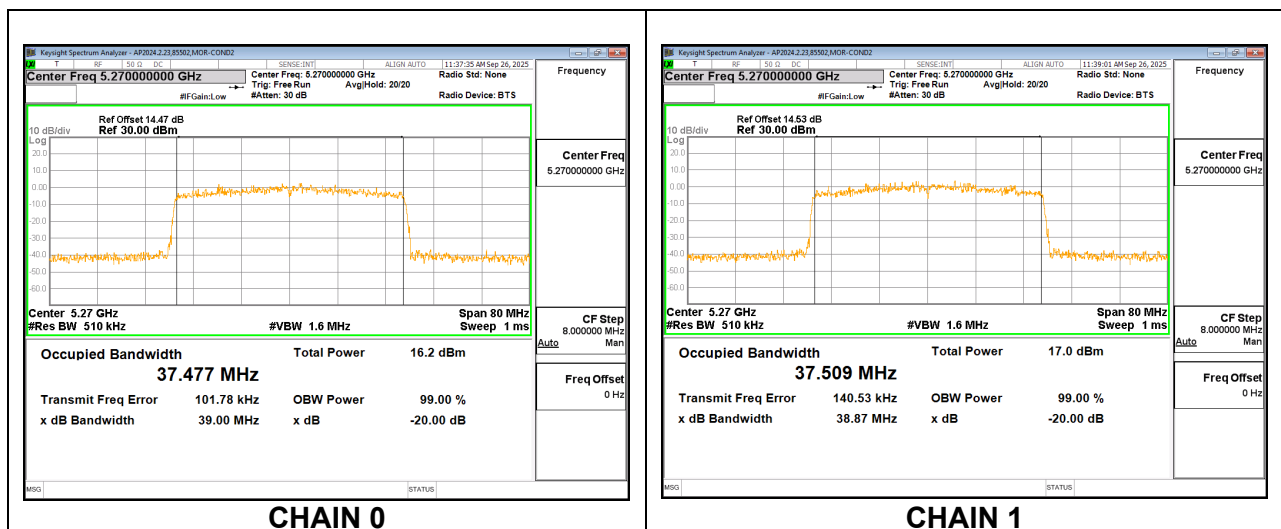
2TX CHAIN 0 + CHAIN 1 CDD MODE: 484T

Channel	Frequency (MHz)	99% BW Chain 0 (MHz)	99% BW Chain 1 (MHz)
Low	5270	37.424	37.411
High	5310	37.504	37.652



2TX CHAIN 0 + CHAIN 1 CDD MODE: SU

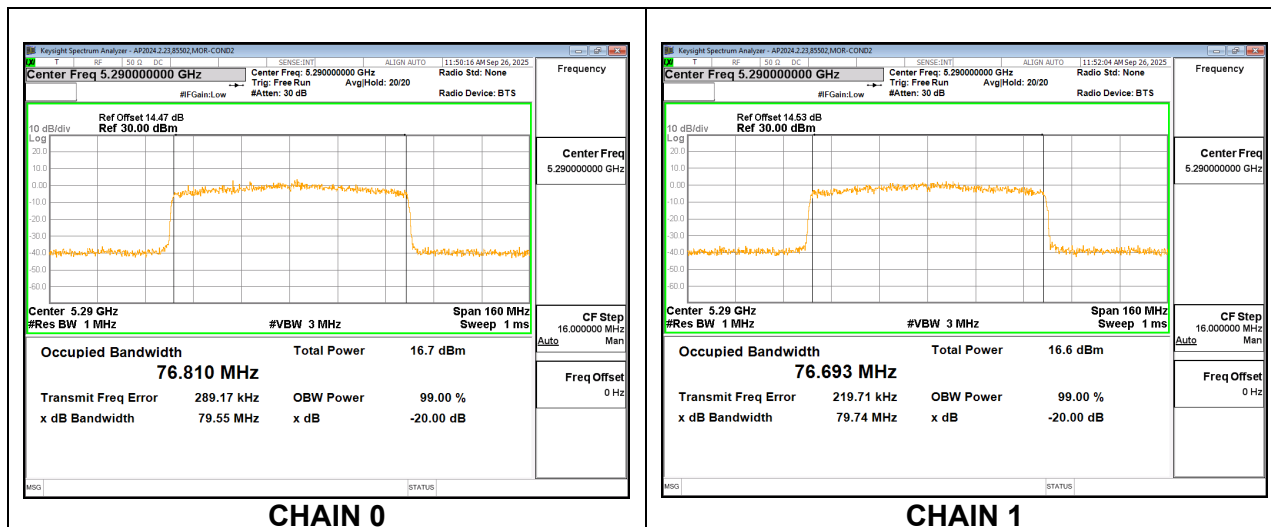
Channel	Frequency (MHz)	99% BW Chain 0 (MHz)	99% BW Chain 1 (MHz)
Low	5270	37.477	37.509
High	5310	37.464	37.461



9.4.14. 802.11ax HE80 MODE IN THE 5.3GHz BAND

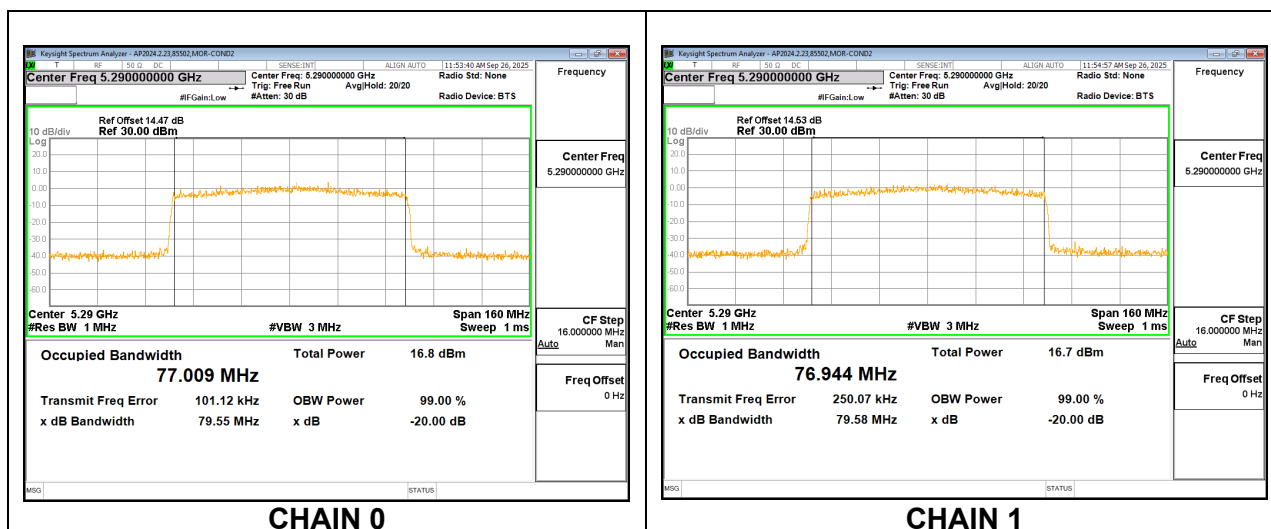
2TX CHAIN 0 + CHAIN 1 CDD MODE: 996T

Channel	Frequency (MHz)	99% BW Chain 0 (MHz)	99% BW Chain 1 (MHz)
Mid	5290	76.810	76.693



2TX CHAIN 0 + CHAIN 1 CDD MODE: SU

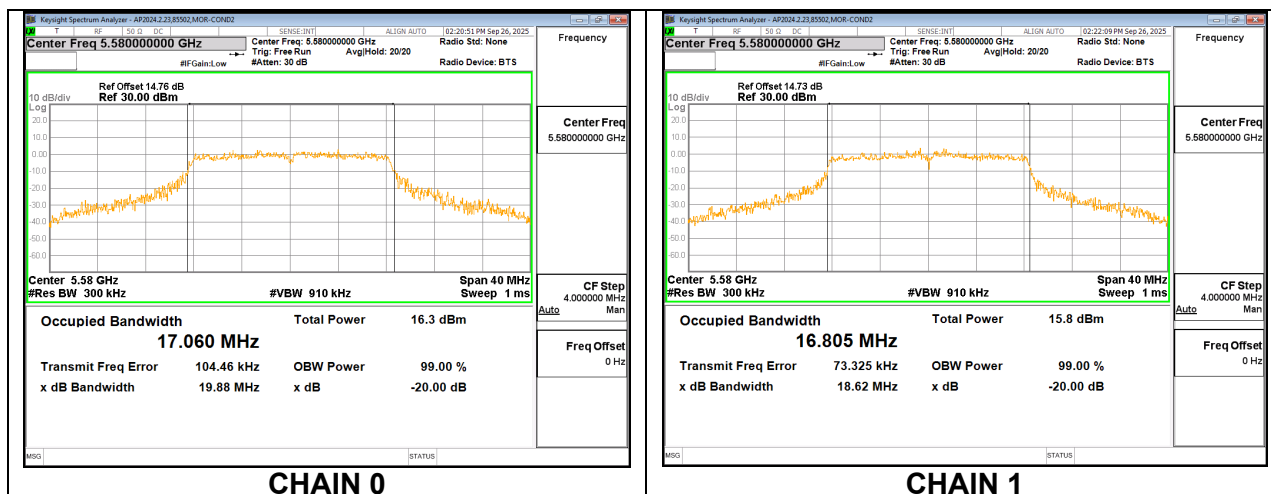
Channel	Frequency (MHz)	99% BW Chain 0 (MHz)	99% BW Chain 1 (MHz)
Mid	5290	77.009	76.944



9.4.15. 802.11a MODE IN THE 5.6 GHZ BAND

2TX CHAIN 0 + CHAIN 1 CDD MODE

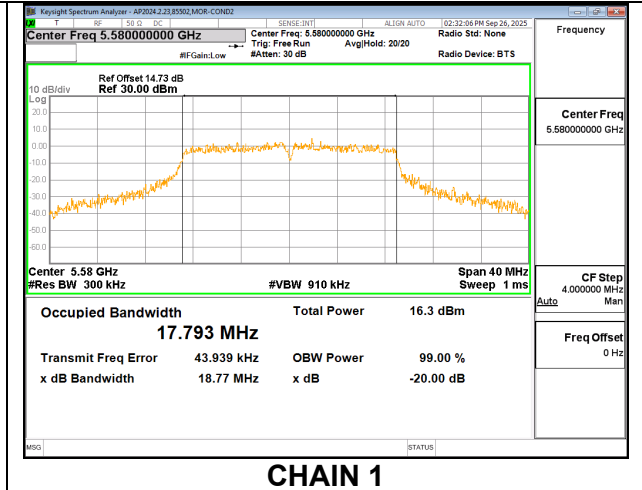
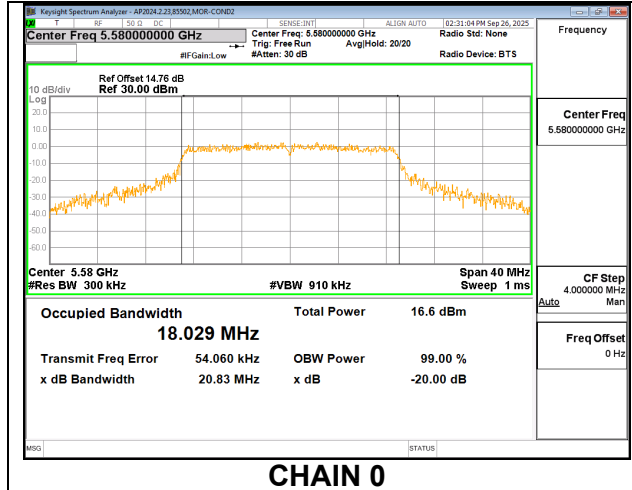
Channel	Frequency (MHz)	99% BW Chain 0 (MHz)	99% BW Chain 1 (MHz)
Low	5500	17.051	16.798
Mid	5580	17.060	16.805
High	5700	16.963	16.763



9.4.16. 802.11n HT20 MODE IN THE 5.6 GHz BAND

2TX CHAIN 0 + CHAIN 1 CDD MODE

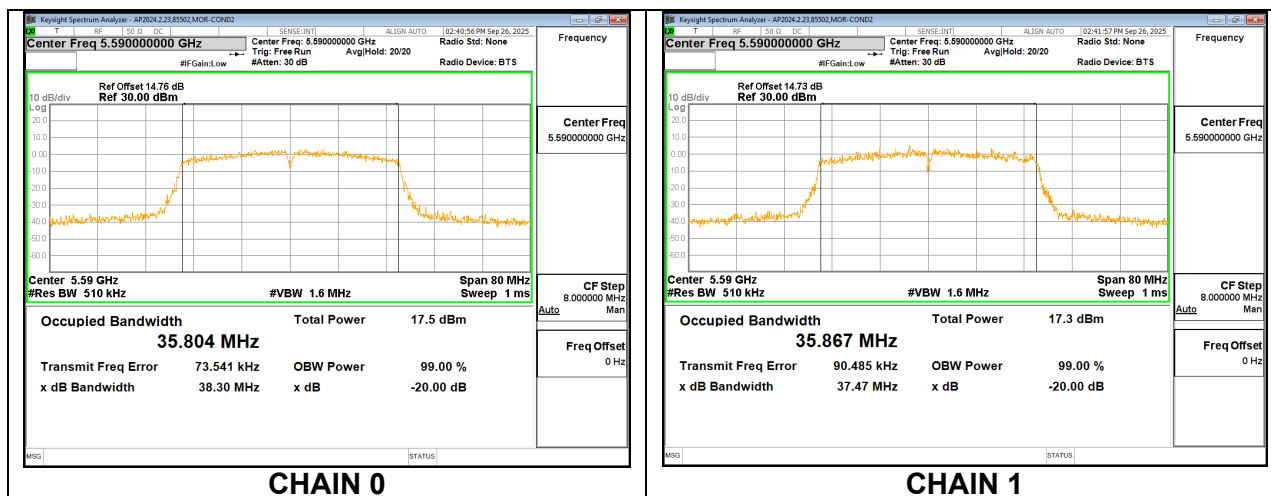
Channel	Frequency (MHz)	99% BW Chain 0 (MHz)	99% BW Chain 1 (MHz)
Low	5500	18.020	17.844
Mid	5580	18.029	17.793
High	5700	18.008	17.812



9.4.17. 802.11n HT40 MODE IN THE 5.6 GHz BAND

2TX CHAIN 0 + CHAIN 1 CDD MODE

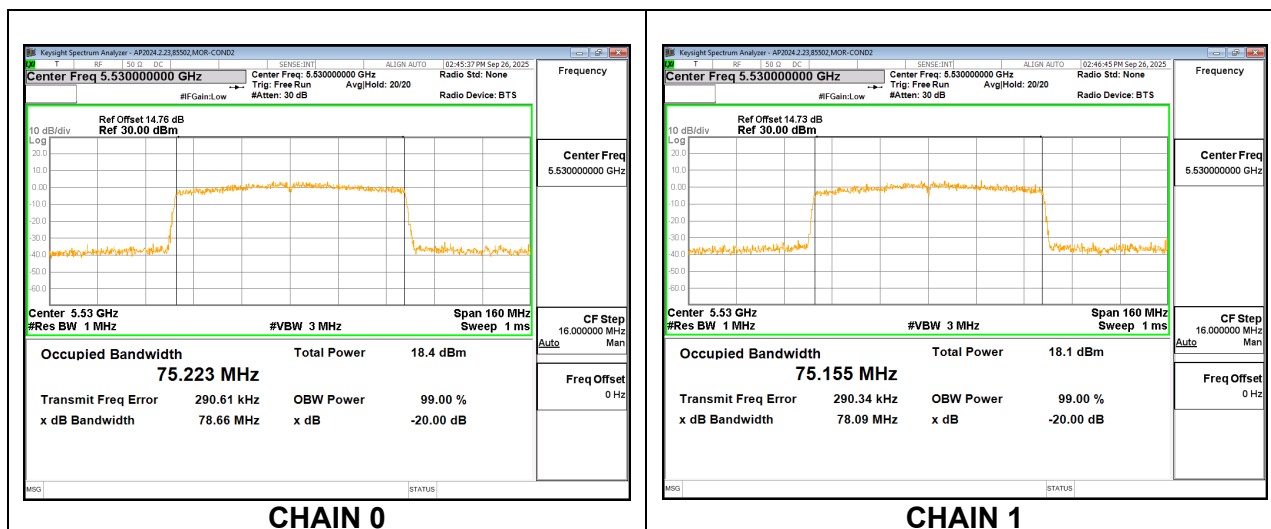
Channel	Frequency (MHz)	99% BW Chain 0 (MHz)	99% BW Chain 1 (MHz)
Low	5510	35.803	35.865
Middle	5590	35.804	35.867
High	5670	35.822	35.948



9.4.18. 802.11ac VHT80 MODE IN THE 5.6 GHz BAND

2TX CHAIN 0 + CHAIN 1 CDD MODE

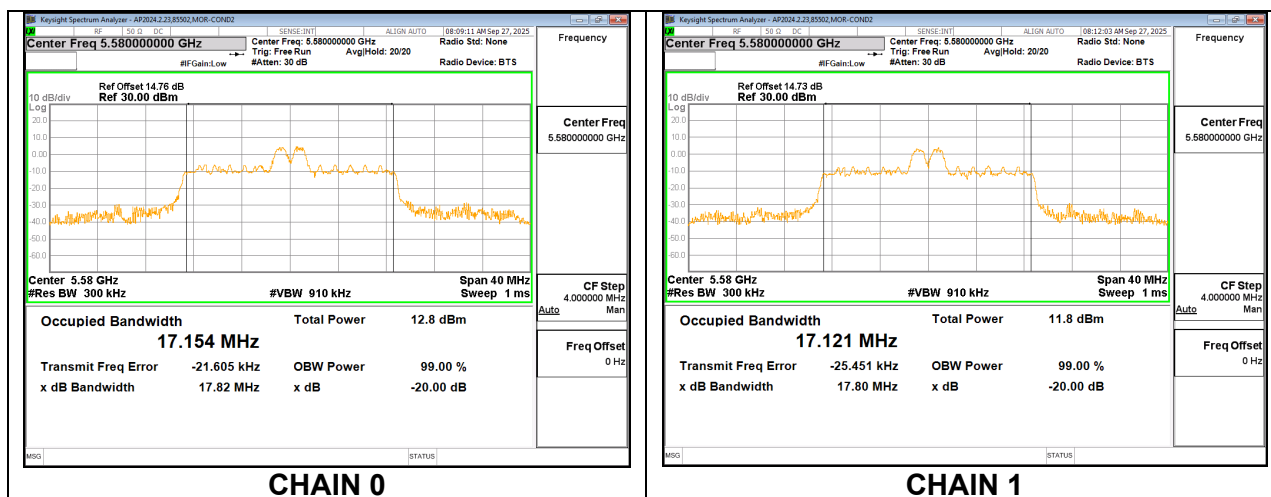
Channel	Frequency (MHz)	99% BW Chain 0 (MHz)	99% BW Chain 1 (MHz)
Low	5530	75.223	75.155
High	5610	75.283	75.144



9.4.19. 802.11ax HE20 MODE IN THE 5.6 GHz BAND

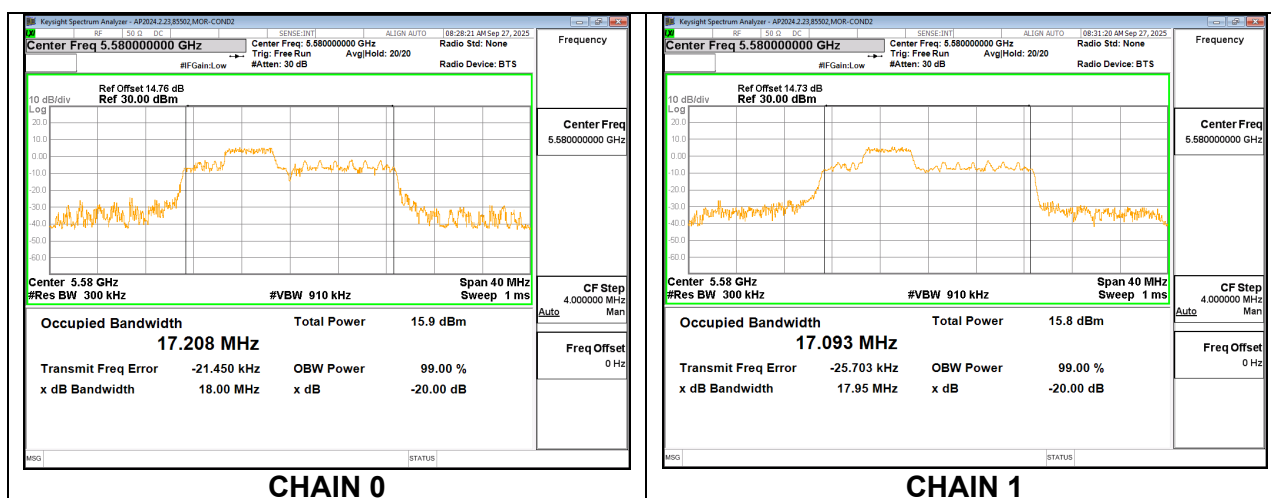
2TX CHAIN 0 + CHAIN 1 CDD MODE: 26T

Channel	Frequency (MHz)	99% BW Chain 0 (MHz)	99% BW Chain 1 (MHz)
Low	5500	18.747	18.653
Mid	5580	17.154	17.121
High	5700	18.716	18.717



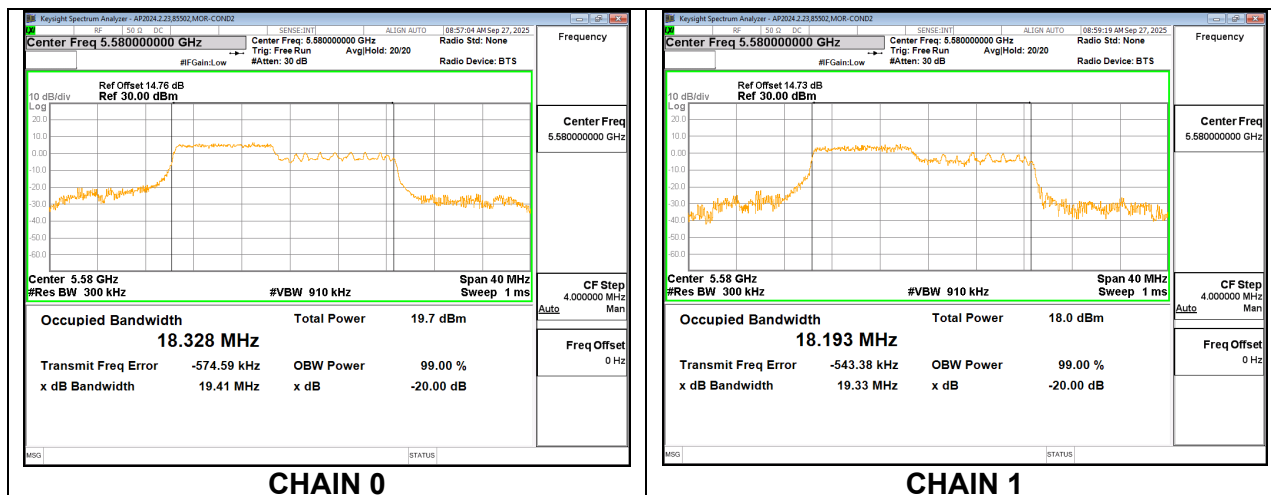
2TX CHAIN 0 + CHAIN 1 CDD MODE: 52T

Channel	Frequency (MHz)	99% BW Chain 0 (MHz)	99% BW Chain 1 (MHz)
Low	5500	18.321	18.273
Mid	5580	17.208	17.093
High	5700	18.388	18.315



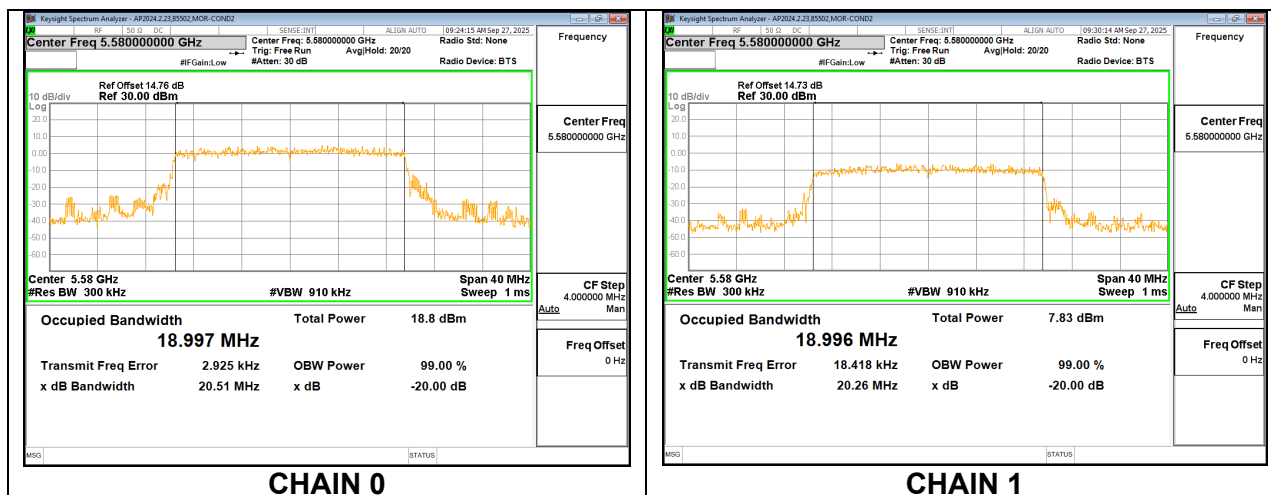
2TX CHAIN 0 + CHAIN 1 CDD MODE: 106T

Channel	Frequency (MHz)	99% BW Chain 0 (MHz)	99% BW Chain 1 (MHz)
Low	5500	18.297	18.245
Mid	5580	18.328	18.193
High	5700	18.305	18.242



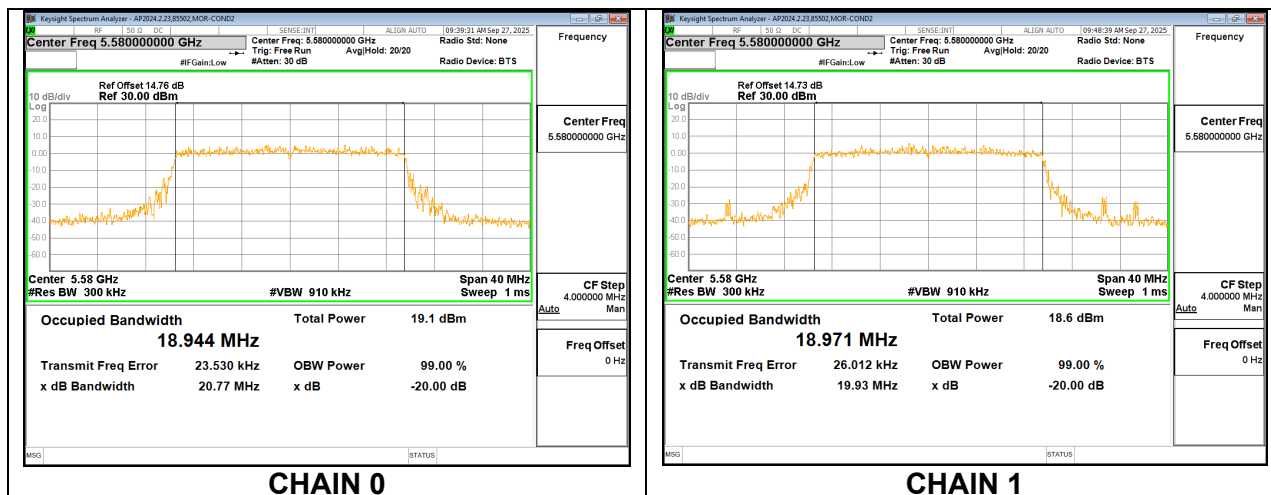
2TX CHAIN 0 + CHAIN 1 CDD MODE: 242T

Channel	Frequency (MHz)	99% BW Chain 0 (MHz)	99% BW Chain 1 (MHz)
Low	5500	18.980	18.897
Mid	5580	18.997	18.996
High	5700	19.056	18.893



2TX CHAIN 0 + CHAIN 1 CDD MODE: SU

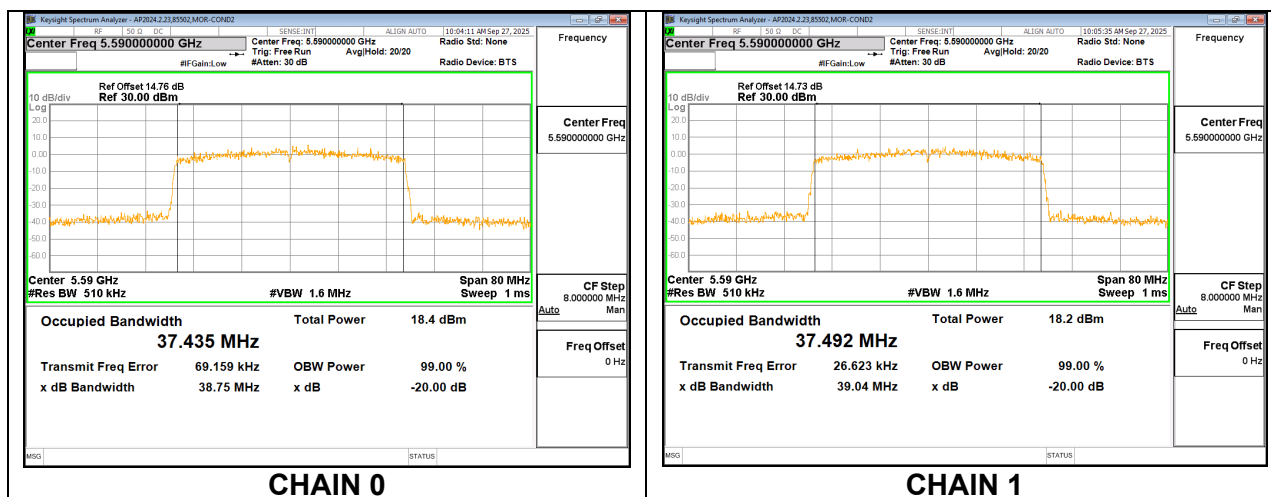
Channel	Frequency (MHz)	99% BW Chain 0 (MHz)	99% BW Chain 1 (MHz)
Low	5500	18.905	18.942
Mid	5580	18.944	18.971
High	5700	18.984	18.939



9.4.20. 802.11ax HE40 MODE IN THE 5.6 GHz BAND

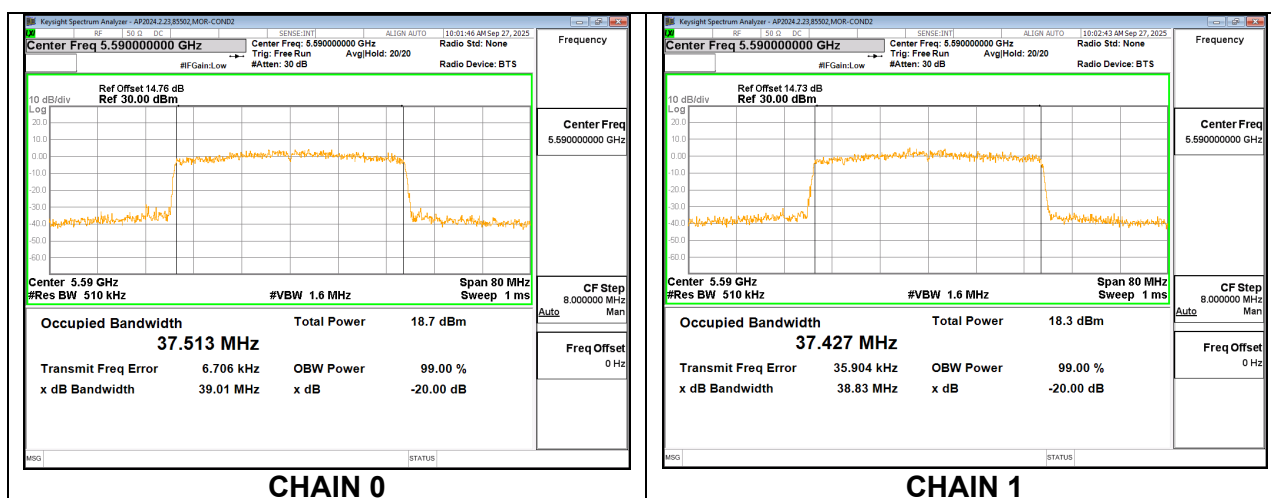
2TX CHAIN 0 + CHAIN 1 CDD MODE: 484T

Channel	Frequency (MHz)	99% BW Chain 0 (MHz)	99% BW Chain 1 (MHz)
Low	5510	37.533	37.415
Middle	5590	37.435	37.492
High	5670	37.481	37.514



2TX CHAIN 0 + CHAIN 1 CDD MODE: SU

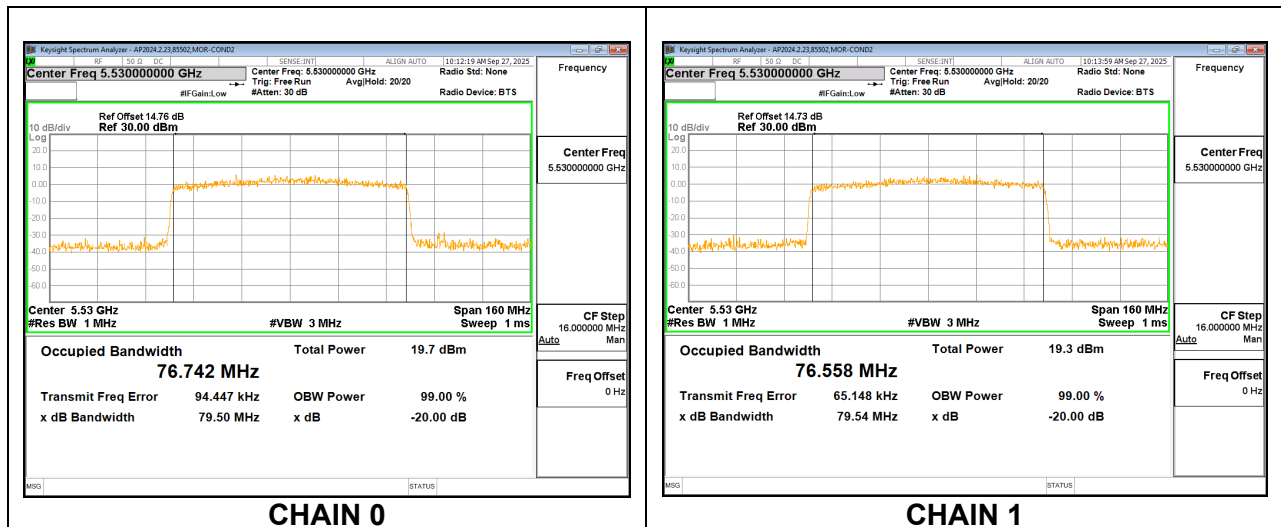
Channel	Frequency (MHz)	99% BW Chain 0 (MHz)	99% BW Chain 1 (MHz)
Low	5510	37.557	37.530
Middle	5590	37.513	37.427
High	5670	37.511	37.525



9.4.21. 802.11ax HE80 MODE IN THE 5.6 GHz BAND

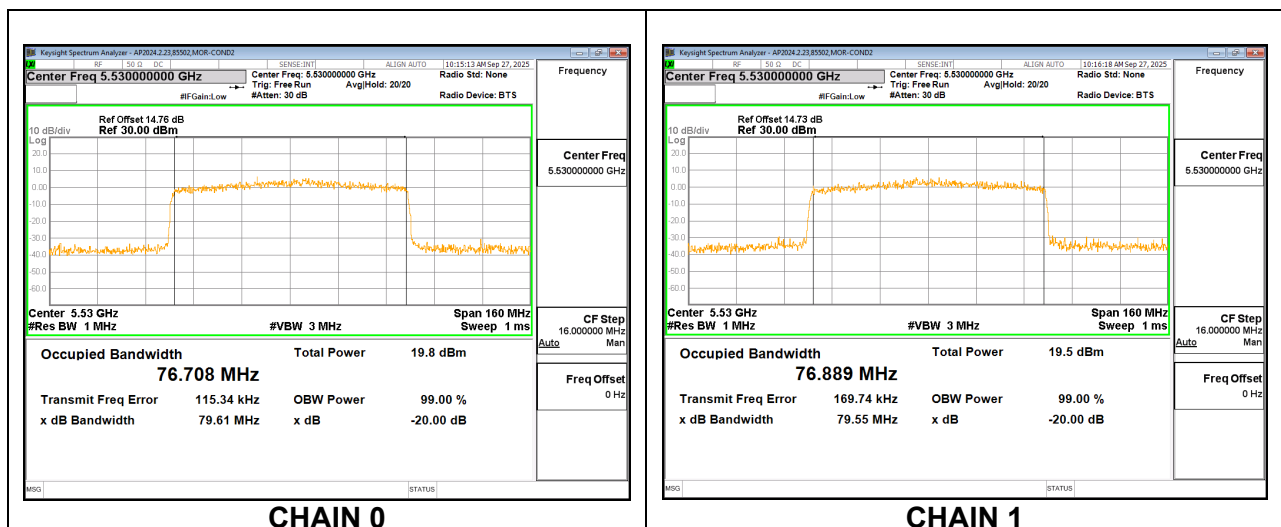
2TX CHAIN 0 + CHAIN 1 CDD MODE: 996T

Channel	Frequency (MHz)	99% BW Chain 0 (MHz)	99% BW Chain 1 (MHz)
Low	5530	76.742	76.558
High	5610	77.018	76.697



2TX CHAIN 0 + CHAIN 1 CDD MODE: SU

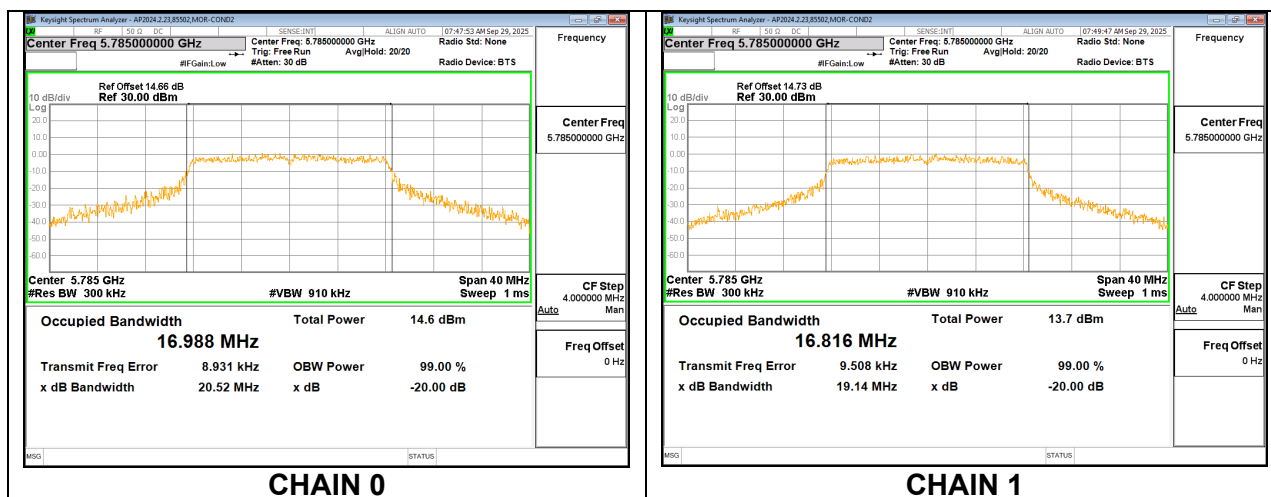
Channel	Frequency (MHz)	99% BW Chain 0 (MHz)	99% BW Chain 1 (MHz)
Low	5530	76.708	76.889
High	5610	76.955	77.028



9.4.22. 802.11a MODE IN THE 5.8 GHZ BAND

2TX CHAIN 0 + CHAIN 1 CDD MODE

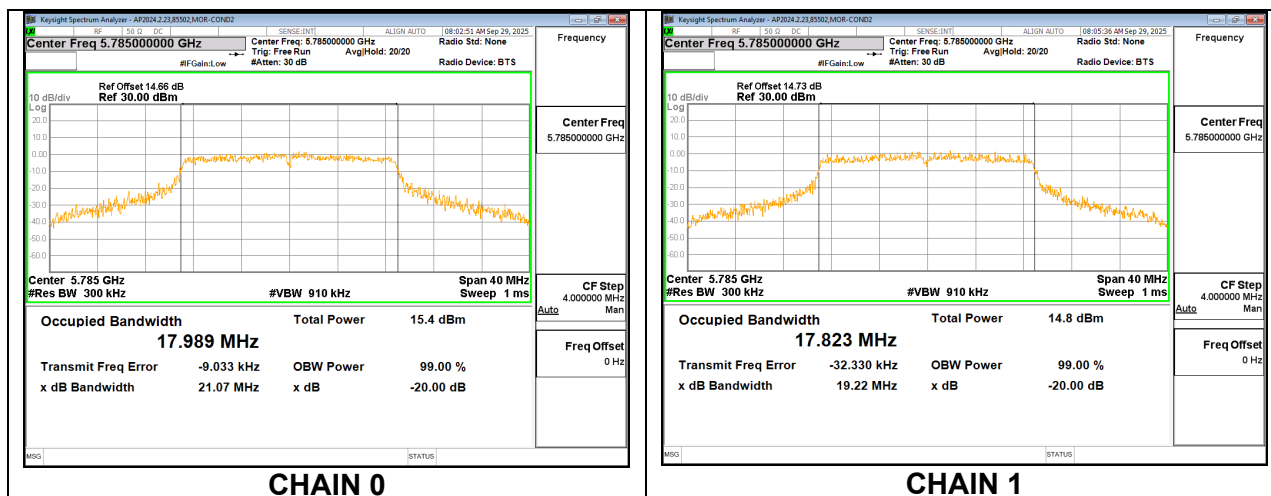
Channel	Frequency (MHz)	99% BW Chain 0 (MHz)	99% BW Chain 1 (MHz)
Low	5745	17.020	16.803
Mid	5785	16.988	16.816
High	5825	16.809	16.763



9.4.23. 802.11n HT20 MODE IN THE 5.8 GHz BAND

2TX CHAIN 0 + CHAIN 1 CDD MODE

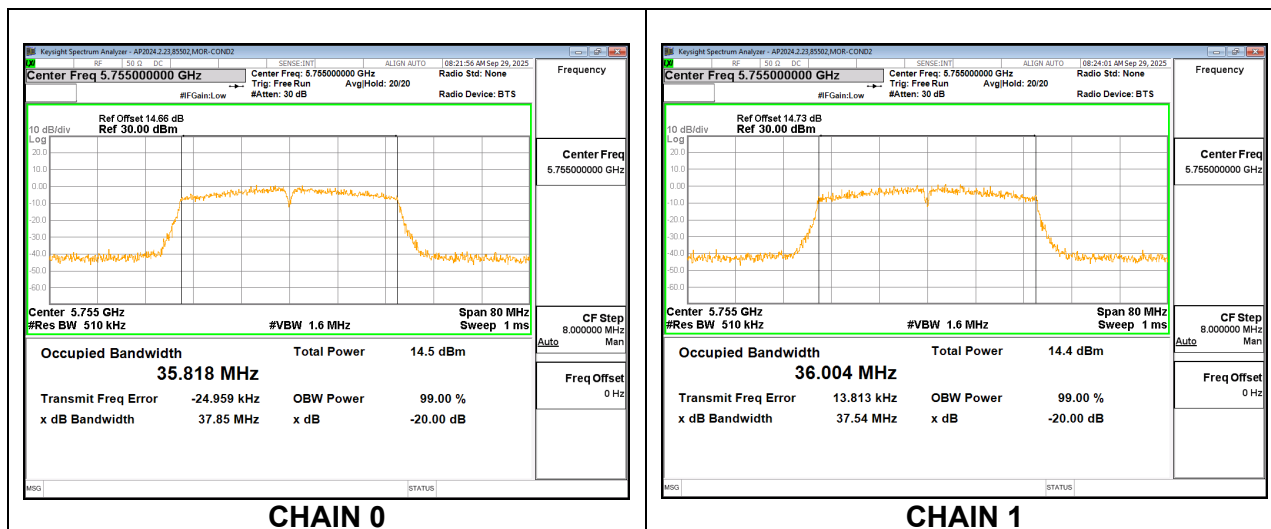
Channel	Frequency (MHz)	99% BW Chain 0 (MHz)	99% BW Chain 1 (MHz)
Low	5745	18.069	17.803
Mid	5785	17.989	17.823
High	5825	18.031	17.785



9.4.24. 802.11n HT40 MODE IN THE 5.8 GHz BAND

2TX CHAIN 0 + CHAIN 1 CDD MODE

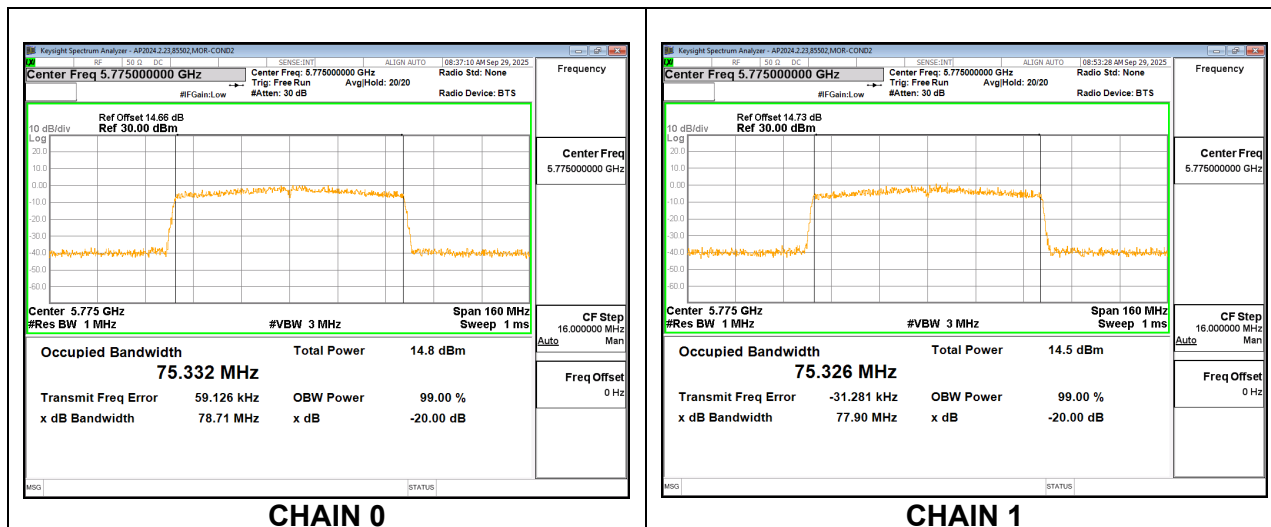
Channel	Frequency (MHz)	99% BW Chain 0 (MHz)	99% BW Chain 1 (MHz)
Low	5755	35.818	36.004
High	5795	35.824	35.911



9.4.25. 802.11ac VHT80 MODE IN THE 5.8 GHz BAND

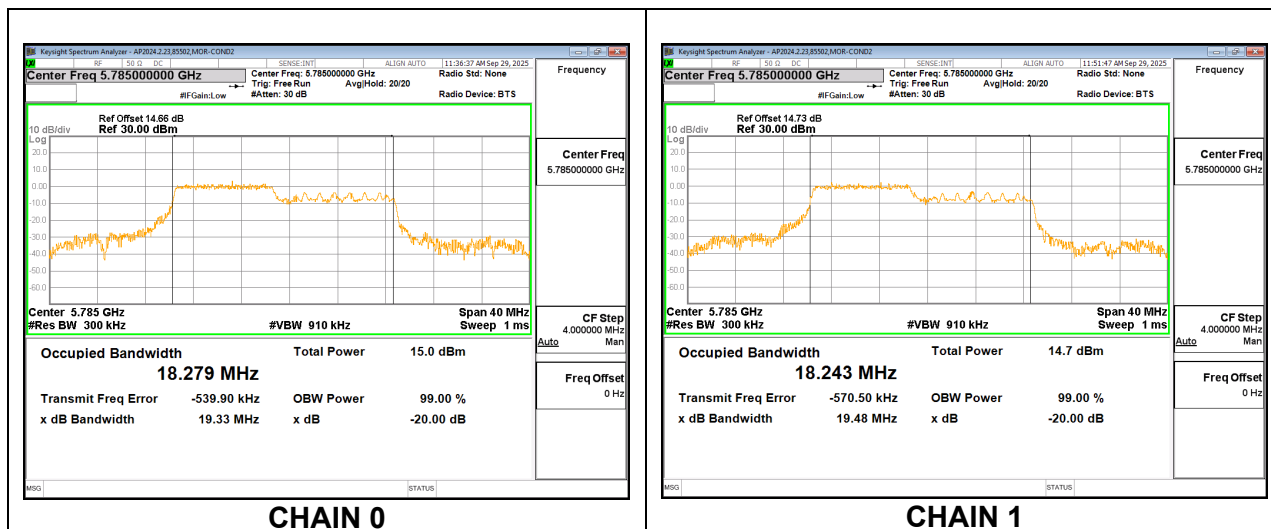
2TX CHAIN 0 + CHAIN 1 CDD MODE

Channel	Frequency (MHz)	99% BW Chain 0 (MHz)	99% BW Chain 1 (MHz)
Mid	5775	75.332	75.326



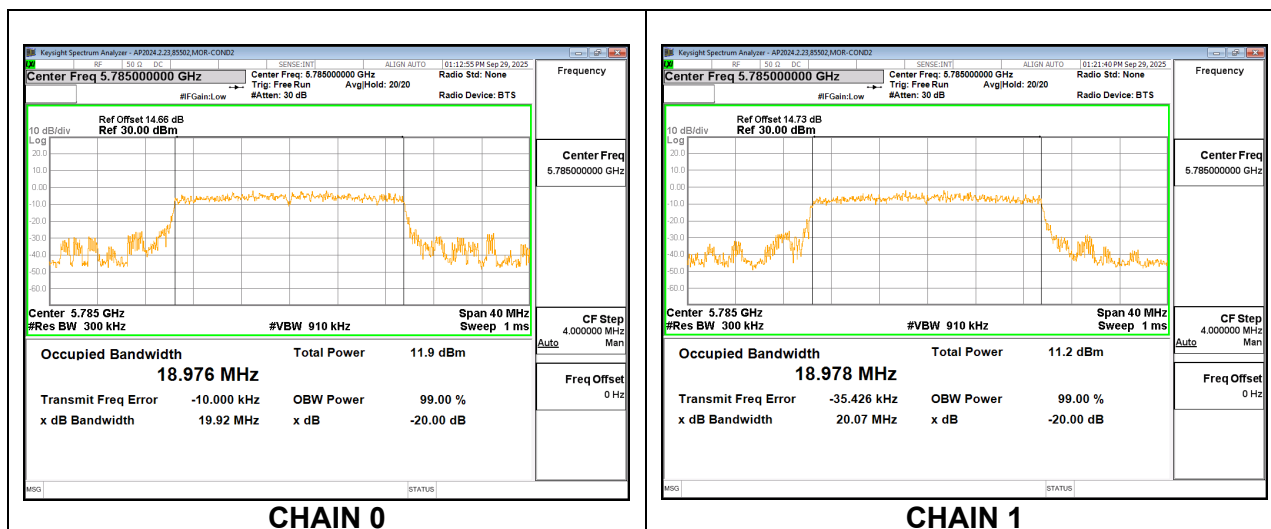
2TX CHAIN 0 + CHAIN 1 CDD MODE: 106T

Channel	Frequency (MHz)	99% BW Chain 0 (MHz)	99% BW Chain 1 (MHz)
Low	5745	18.293	18.232
Mid	5785	18.279	18.243
High	5825	18.254	18.266



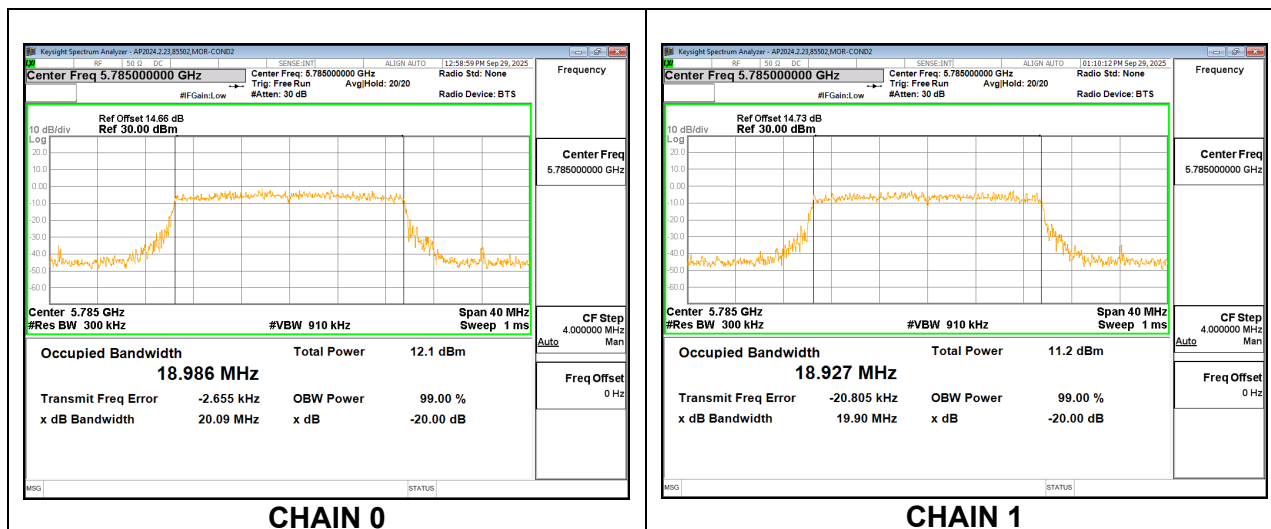
2TX CHAIN 0 + CHAIN 1 CDD MODE: 242T

Channel	Frequency (MHz)	99% BW Chain 0 (MHz)	99% BW Chain 1 (MHz)
Low	5745	19.010	19.000
Mid	5785	18.976	18.978
High	5825	19.045	18.940



2TX CHAIN 0 + CHAIN 1 CDD MODE: SU

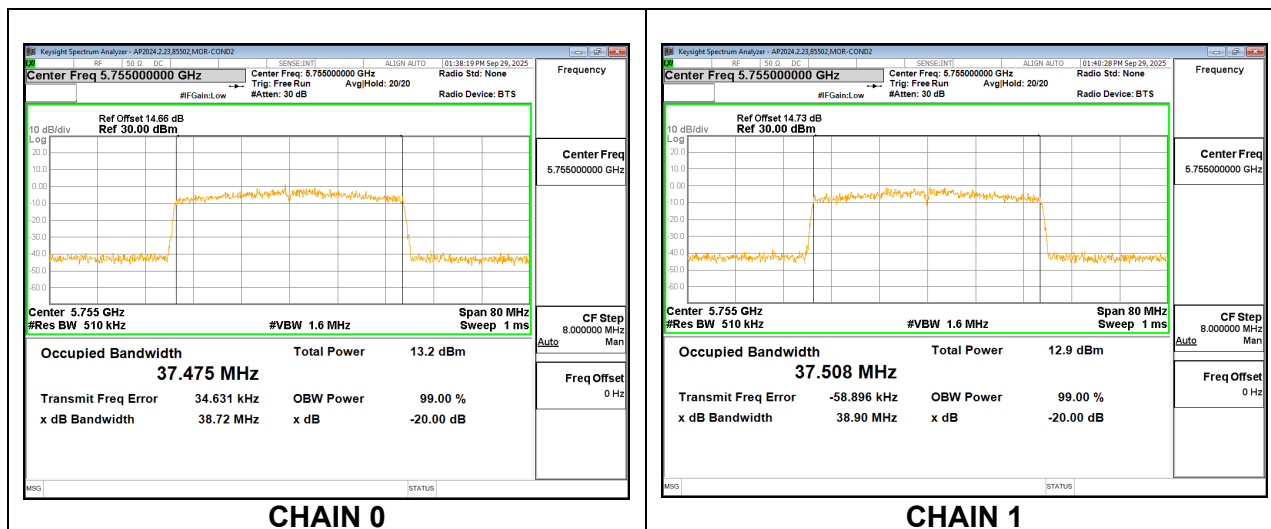
Channel	Frequency (MHz)	99% BW Chain 0 (MHz)	99% BW Chain 1 (MHz)
Low	5745	18.985	18.973
Mid	5785	18.986	18.927
High	5825	18.983	18.893



9.4.27. 802.11ax HE40 MODE IN THE 5.8 GHz BAND

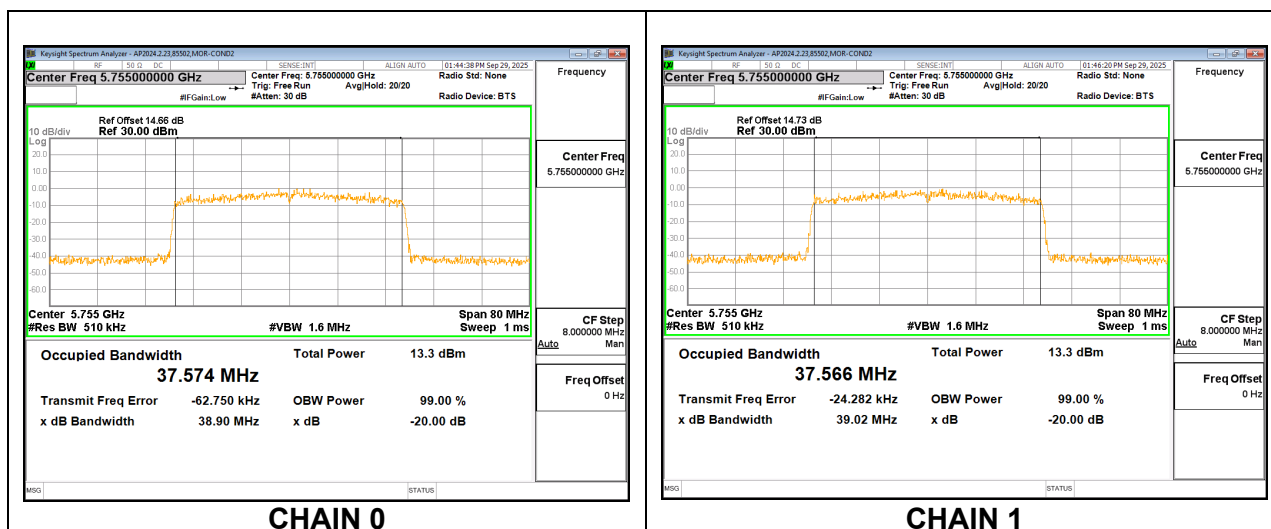
2TX CHAIN 0 + CHAIN 1 CDD MODE: 484T

Channel	Frequency (MHz)	99% BW Chain 0 (MHz)	99% BW Chain 1 (MHz)
Low	5755	37.475	37.508
High	5795	37.444	37.396



2TX CHAIN 0 + CHAIN 1 CDD MODE: SU

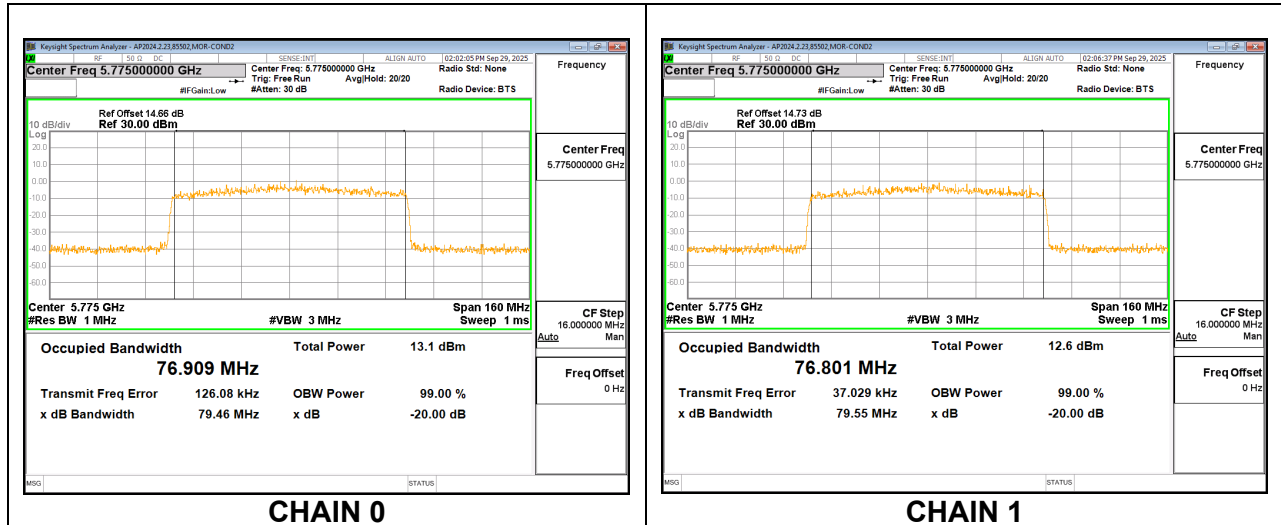
Channel	Frequency (MHz)	99% BW Chain 0 (MHz)	99% BW Chain 1 (MHz)
Low	5755	37.574	37.566
High	5795	37.484	37.559



9.4.28. 802.11ax HE80 MODE IN THE 5.8 GHz BAND

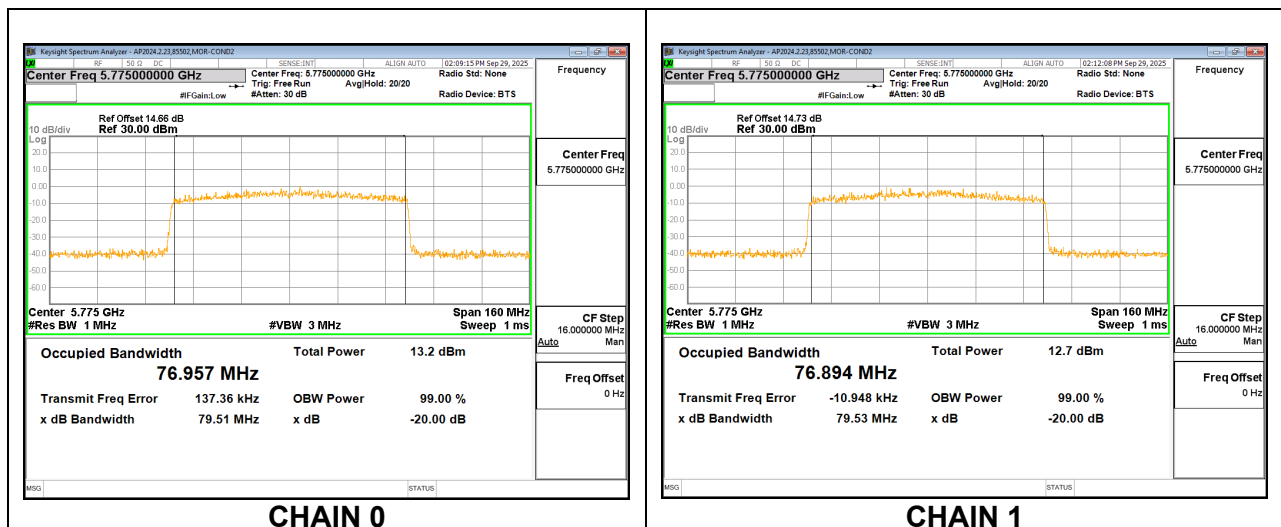
2TX CHAIN 0 + CHAIN 1 CDD MODE: 996T

Channel	Frequency (MHz)	99% BW Chain 0 (MHz)	99% BW Chain 1 (MHz)
Mid	5775	76.909	76.801



2TX CHAIN 0 + CHAIN 1 CDD MODE: SU

Channel	Frequency (MHz)	99% BW Chain 0 (MHz)	99% BW Chain 1 (MHz)
Mid	5775	76.957	76.894



9.5. OUTPUT POWER AND PSD

LIMITS

FCC §15.407

Band 5.15–5.25 GHz

(iv) For mobile and portable client devices in the 5.15-5.25 GHz band, the maximum conducted output power over the frequency band of operation shall not exceed 250 mW provided the maximum antenna gain does not exceed 6 dBi. In addition, the maximum power spectral density shall not exceed 11 dBm in any 1 megahertz band. If transmitting antennas of directional gain greater than 6 dBi are used, both the maximum conducted output power and the maximum power spectral density shall be reduced by the amount in dB that the directional gain of the antenna exceeds 6 dBi.

Bands 5.25-5.35 GHz and 5.47-5.725 GHz

The maximum conducted output power over the frequency bands of operation shall not exceed the lesser of 250 mW or $11 \text{ dBm} + 10 \log B$, where B is the 26 dB emission bandwidth in megahertz. In addition, the maximum power spectral density shall not exceed 11 dBm in any 1 megahertz band. If transmitting antennas of directional gain greater than 6 dBi are used, both the maximum conducted output power and the maximum power spectral density shall be reduced by the amount in dB that the directional gain of the antenna exceeds 6 dBi.

Band 5.725-5.85 GHz

The maximum conducted output power over the frequency band of operation shall not exceed 1 W. In addition, the maximum power spectral density shall not exceed 30 dBm in any 500-kHz band. If transmitting antennas of directional gain greater than 6 dBi are used, both the maximum conducted output power and the maximum power spectral density shall be reduced by the amount in dB that the directional gain of the antenna exceeds 6 dBi. However, fixed point-to-point U-NII devices operating in this band may employ transmitting antennas with directional gain greater than 6 dBi without any corresponding reduction in transmitter conducted power. Fixed, point-to-point operations exclude the use of point-to-multipoint systems, omnidirectional applications, and multiple collocated transmitters transmitting the same information.

RSS-247

Band 5.15-5.25 GHz

The maximum e.i.r.p. shall not exceed 200 mW or $10 + 10 \log_{10} B$, dBm, whichever power is less. B is the 99% emission bandwidth in megahertz. The e.i.r.p. spectral density shall not exceed 10 dBm in any 1.0 MHz band.

Band 5.25-5.35 GHz

The maximum conducted output power shall not exceed 250 mW or $11 + 10 \log_{10} B$, dBm, whichever is less. The power spectral density shall not exceed 11 dBm in any 1.0 MHz band.

The maximum e.i.r.p. shall not exceed 1.0 W or $17 + 10 \log_{10} B$, dBm, whichever is less. B is the 99% emission bandwidth in megahertz. Note that devices with a maximum e.i.r.p. greater than 500 mW shall implement TPC in order to have the capability to operate at least 6 dB below the maximum permitted e.i.r.p. of 1 W.

Bands 5.47-5.6 GHz and 5.65-5.725 GHz

The maximum conducted output power shall not exceed 250 mW or $11 + 10 \log_{10} B$, dBm, whichever is less. The power spectral density shall not exceed 11 dBm in any 1.0 MHz band.

The maximum e.i.r.p. shall not exceed 1.0 W or $17 + 10 \log_{10} B$, dBm, whichever is less. B is the 99% emission bandwidth in megahertz. Note that devices with a maximum e.i.r.p. greater than 500 mW shall implement TPC in order to have the capability to operate at least 6 dB below the maximum permitted e.i.r.p. of 1 W.

Band 5.725-5.85 GHz

The maximum conducted output power shall not exceed 1 W. The power spectral density shall not exceed 30 dBm in any 500 kHz band. If transmitting antennas of directional gain greater than 6 dBi are used, both the maximum conducted output power and the power spectral density shall be reduced by the amount in dB that the directional gain of the antenna exceeds 6 dBi. However, fixed point-to-point devices operating in this band may employ transmitting antennas with directional gain greater than 6 dBi without any corresponding reduction in transmitter conducted power. Fixed point-to-point operations exclude the use of point-to-multipoint systems, omnidirectional applications and multiple collocated transmitters transmitting the same information.

TEST PROCEDURE

The measurement method used for output power is KDB 789033 D02 v02r01, Section E.3.b (Method PM-G) was used and ANSI C63.10 12.4.3.2 Method PM-G

The measurement method used for power spectral density is KDB 789033 D02 v02r01, Section F

The power output was measured on the EUT antenna port using SMA cable with 10dB attenuator connected to a power meter via wideband average power sensor. Gated average output power was read directly from power meter.

DIRECTIONAL ANTENNA GAINS

Tx chains are uncorrelated for power and correlated for PSD. The directional gains as declared by manufacturer are as follows:

Mode	Declared Uncorrelated Gain (dBi)	Declared Correlated Gain (dBi)
UNII-1	6.0	2.3
UNII-2a	5.5	1.6
UNII-2c	5.4	1.6
UNII-3	5.8	2.0

Test Engineer:	85502
Test Date:	2025-09-24 to 2025-09-29