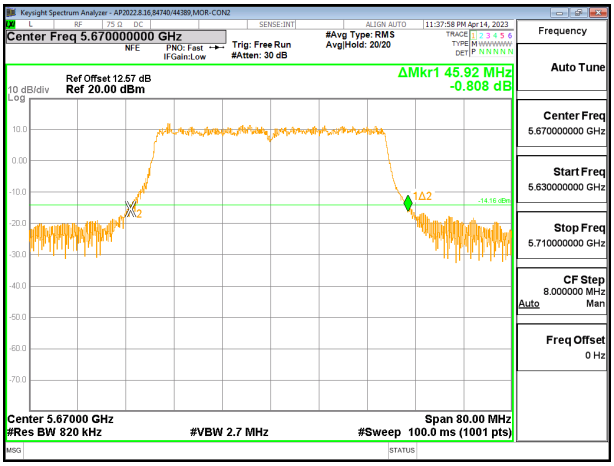
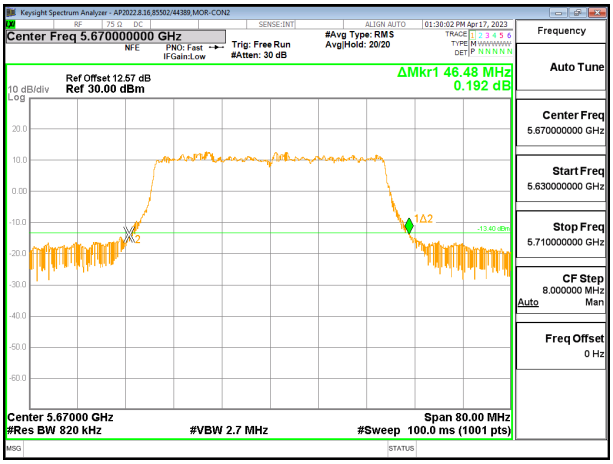
HIGH CHANNEL

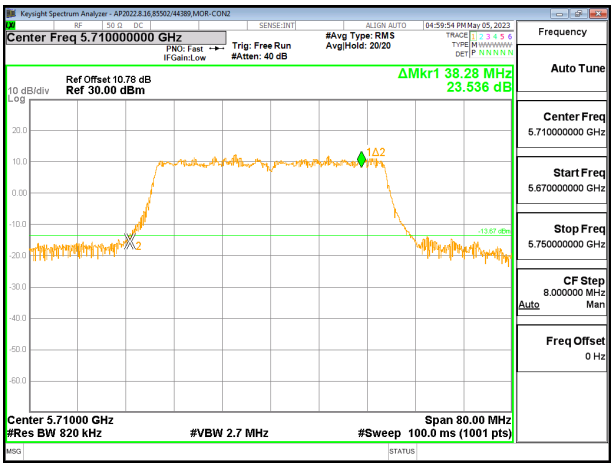


HIGH CHANNEL CHAIN 0

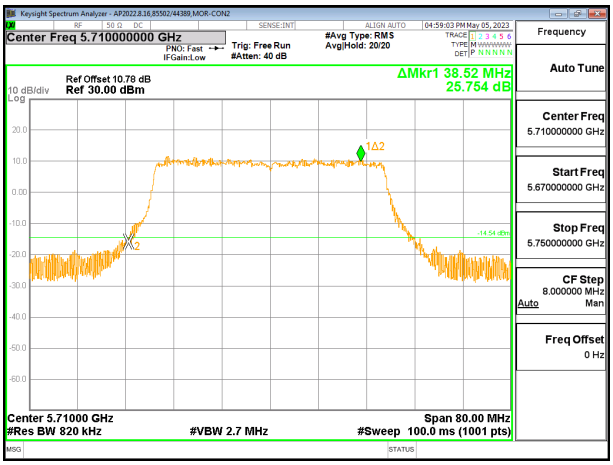


HIGH CHANNEL CHAIN 1

CHANNEL 142



CHANNEL 142 CHAIN 0



CHANNEL 142 CHAIN 1

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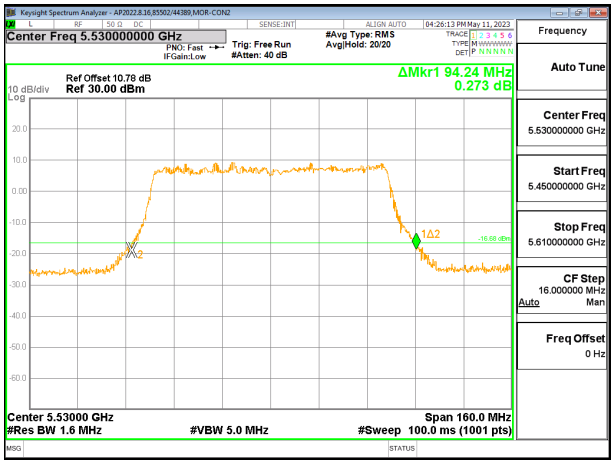
9.2.4. 802.11ax HE80 MODE IN THE 5.6 GHz BAND

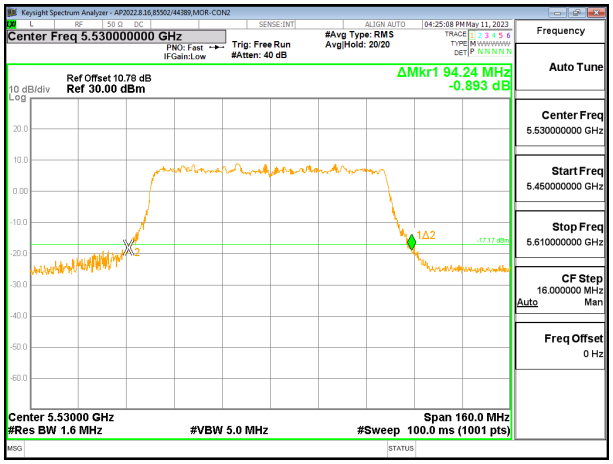
2TX CDD MODE – 996T

Channel	Frequency (MHz)	26 dB Bandwidth Chain 0 (MHz)	26 dB Bandwidth Chain 1 (MHz)
Low	5530	92.24	92.24
High	5610	94.40	93.12
138	5690	157.04	81.72

LOW CHANNEL

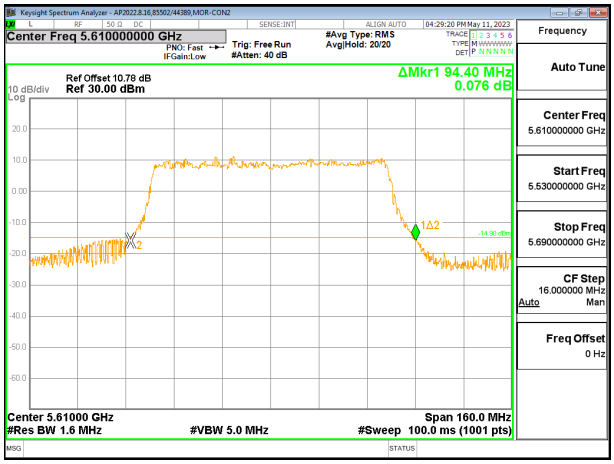


LOW CHANNEL CHAIN 0

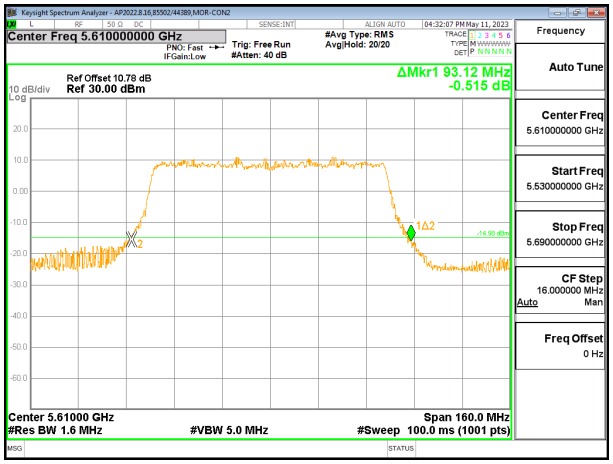


LOW CHANNEL CHAIN 1

HIGH CHANNEL



HIGH CHANNEL CHAIN 0



HIGH CHANNEL CHAIN 1

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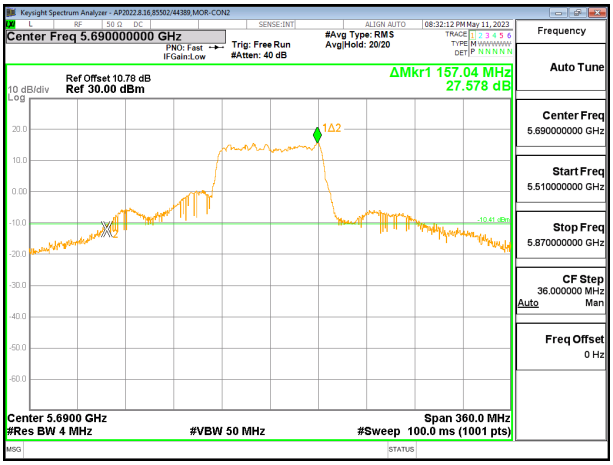
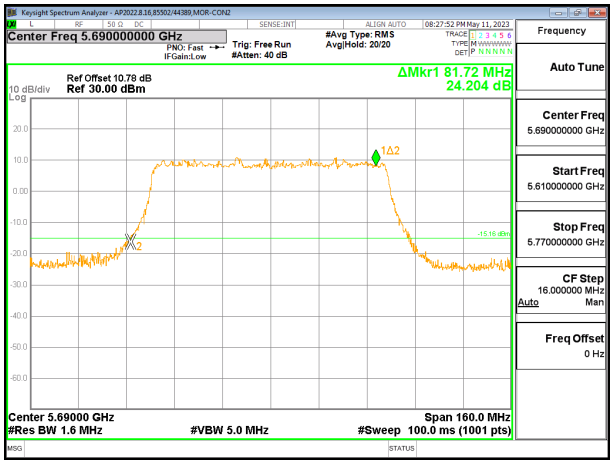
CHANNEL 138



CHANNEL 138 CHAIN 0



CHANNEL 138 CHAIN 1

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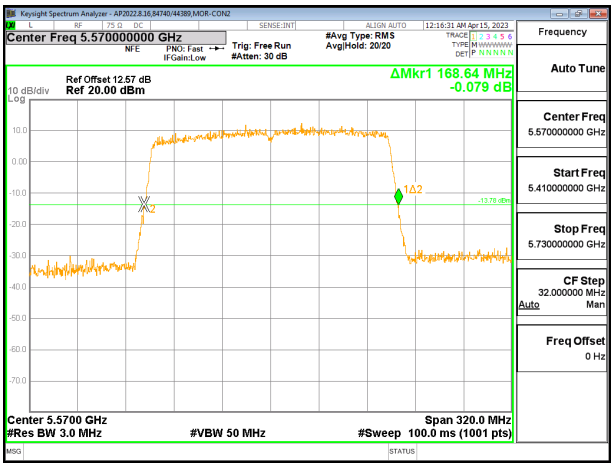
9.2.5. 802.11ax HE160 MODE IN THE 5.6 GHz BAND

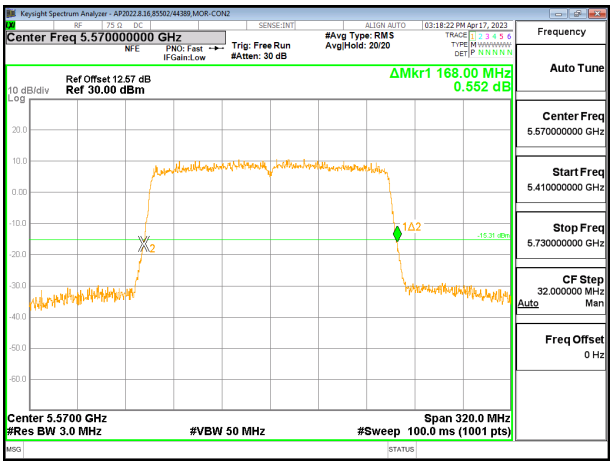
2TX CDD MODE – 2x996T

Channel	Frequency (MHz)	26 dB Bandwidth Chain 0 (MHz)	26 dB Bandwidth Chain 1 (MHz)
Mid	5570	168.64	168.00

MID CHANNEL



MID CHANNEL CHAIN 0



MID CHANNEL CHAIN 1

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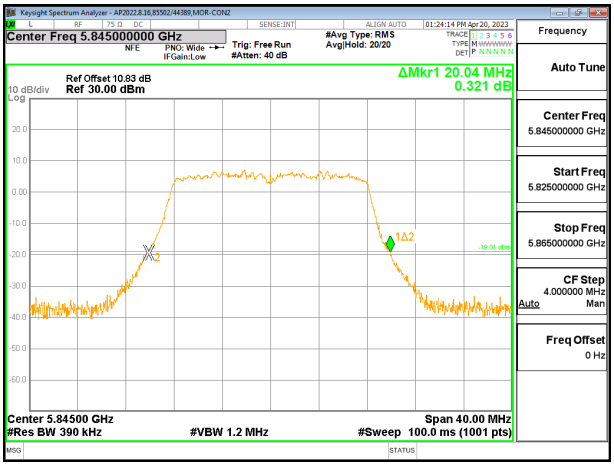
9.2.6. 802.11a MODE IN THE 5.9 GHz BAND

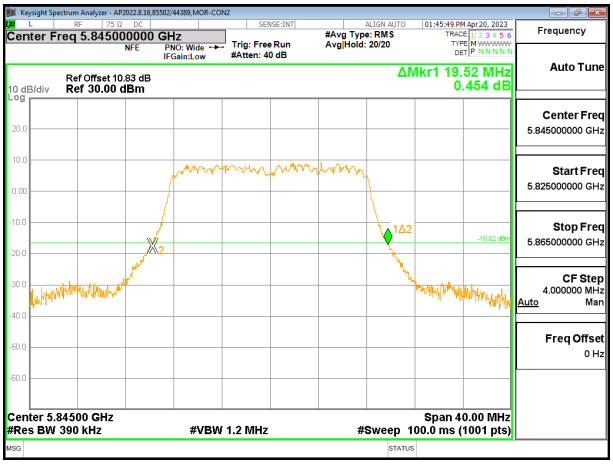
2TX CDD MODE

Channel	Frequency (MHz)	26 dB Bandwidth Chain 0 (MHz)	26 dB Bandwidth Chain 1 (MHz)
Low	5845	20.04	19.52
Mid	5865	20.16	19.64
High	5885	20.12	19.52

LOW CHANNEL

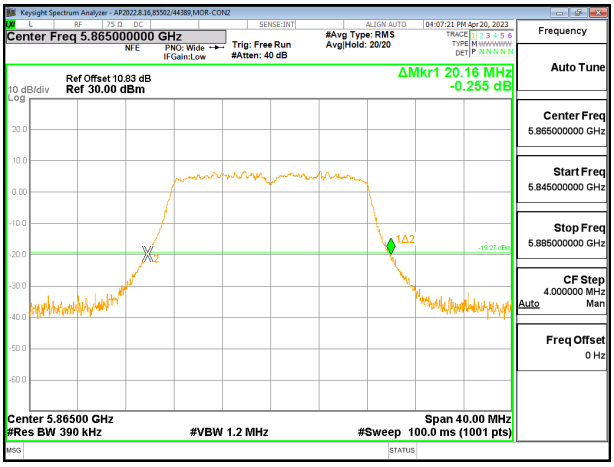


LOW CHANNEL CHAIN 0

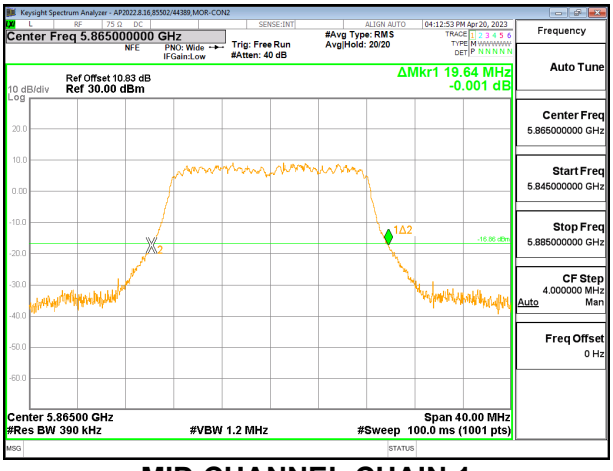


LOW CHANNEL CHAIN 1

MID CHANNEL



MID CHANNEL CHAIN 0



MID CHANNEL CHAIN 1

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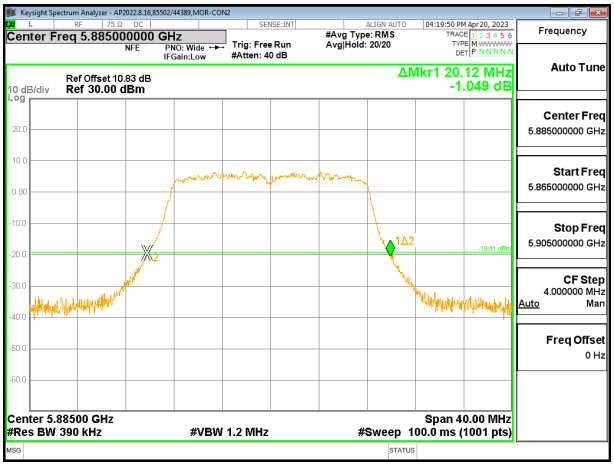
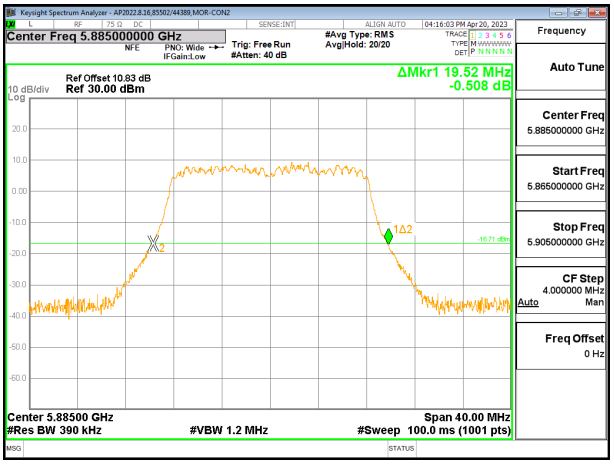
HIGH CHANNEL



HIGH CHANNEL CHAIN 0



HIGH CHANNEL CHAIN 1

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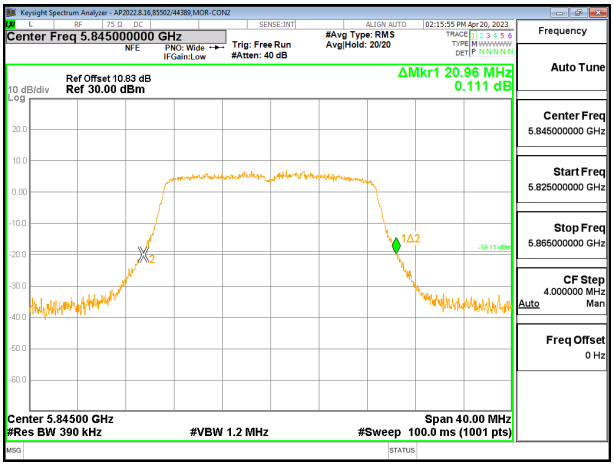
9.2.7. 802.11n HT20 MODE IN THE 5.9 GHz BAND

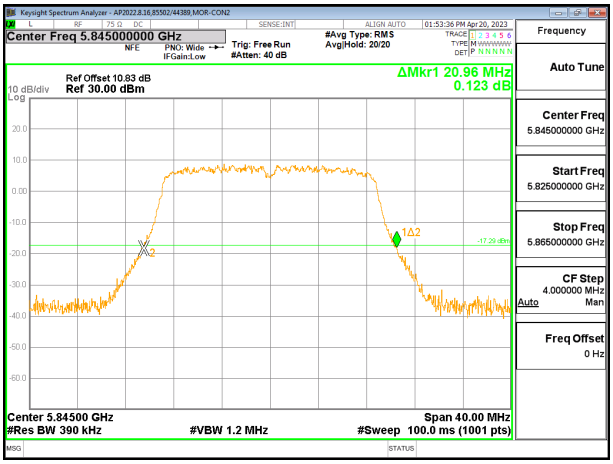
2TX CDD MODE

Channel	Frequency (MHz)	26 dB Bandwidth Chain 0 (MHz)	26 dB Bandwidth Chain 1 (MHz)
Low	5845	20.96	20.96
Mid	5865	21.00	20.64
High	5885	20.88	20.72

LOW CHANNEL

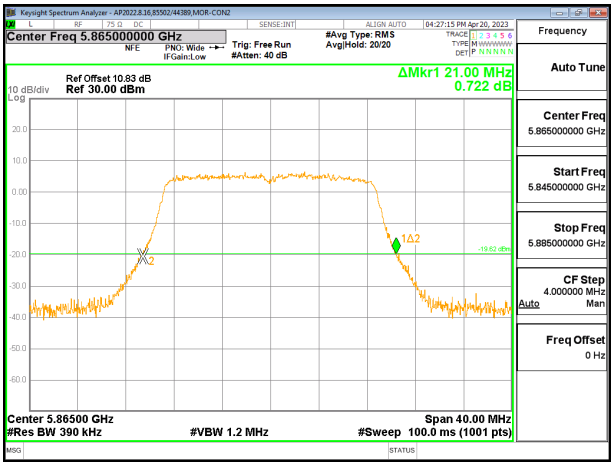


LOW CHANNEL CHAIN 0

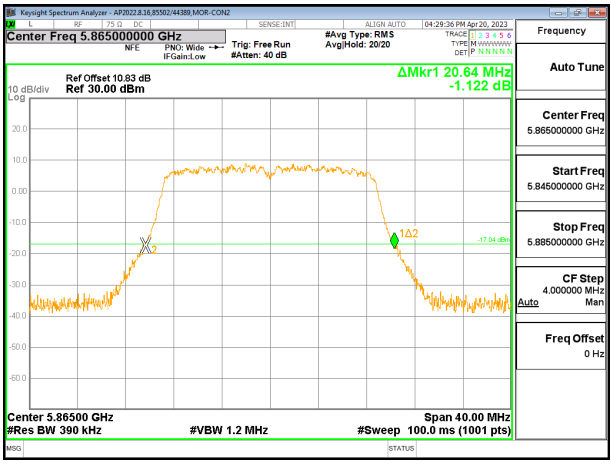


LOW CHANNEL CHAIN 1

MID CHANNEL



MID CHANNEL CHAIN 0



MID CHANNEL CHAIN 1

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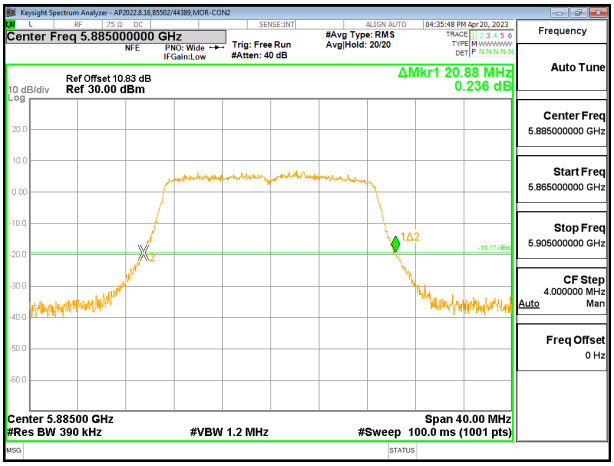
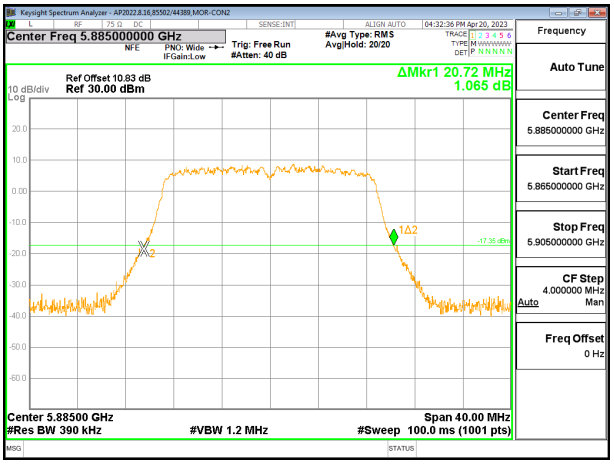
HIGH CHANNEL



HIGH CHANNEL CHAIN 0



HIGH CHANNEL CHAIN 1

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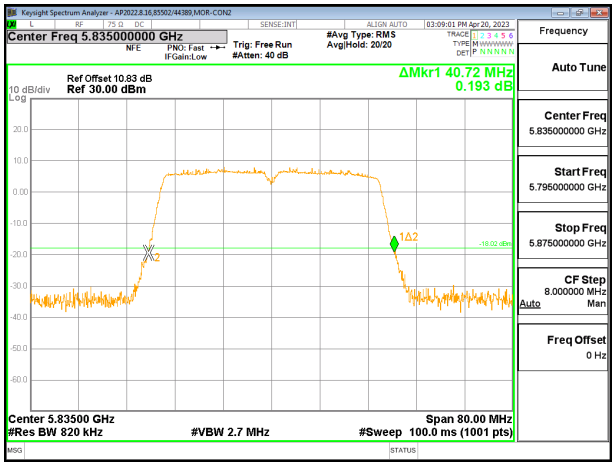
9.2.8. 802.11n HT40 MODE IN THE 5.9 GHz BAND

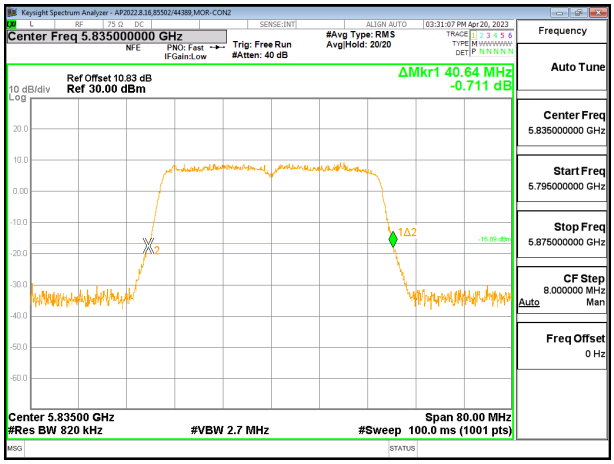
2TX CDD MODE

Channel	Frequency (MHz)	26 dB Bandwidth Chain 0 (MHz)	26 dB Bandwidth Chain 1 (MHz)
Low	5835	40.72	40.64
High	5875	40.56	40.64

LOW CHANNEL

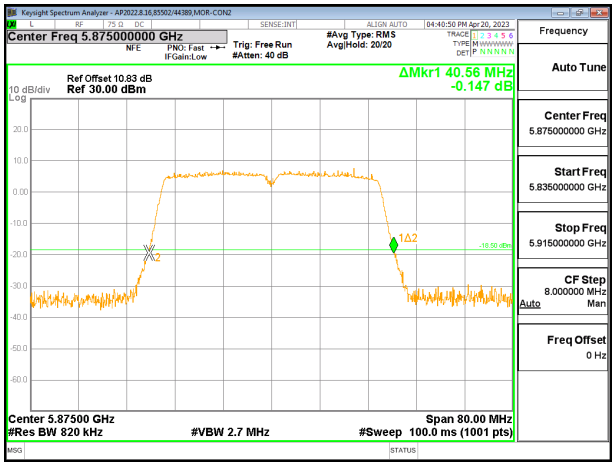


LOW CHANNEL CHAIN 0

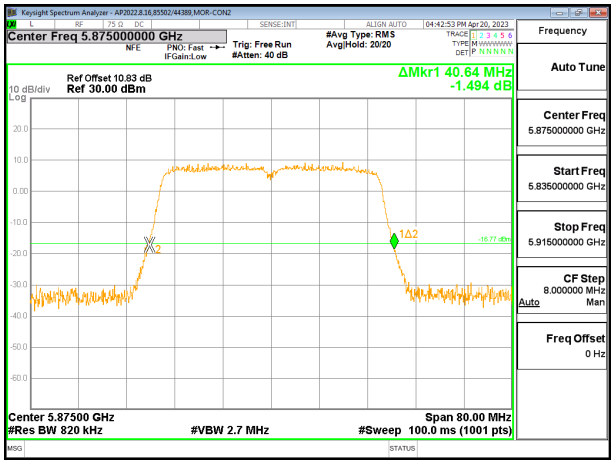


LOW CHANNEL CHAIN 1

HIGH CHANNEL



MID CHANNEL CHAIN 0



MID CHANNEL CHAIN 1

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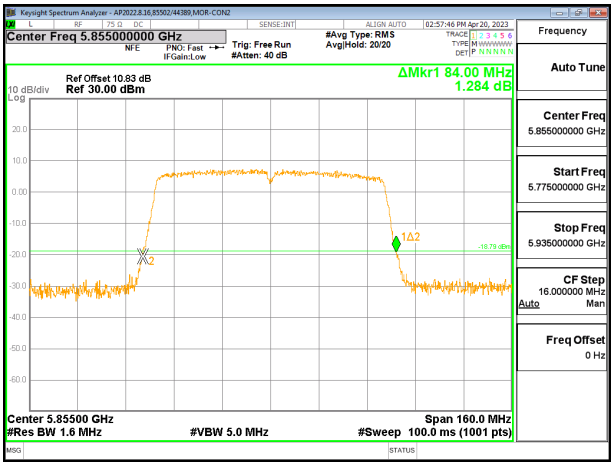
9.2.9. 802.11ac VHT80 MODE IN THE 5.9 GHz BAND

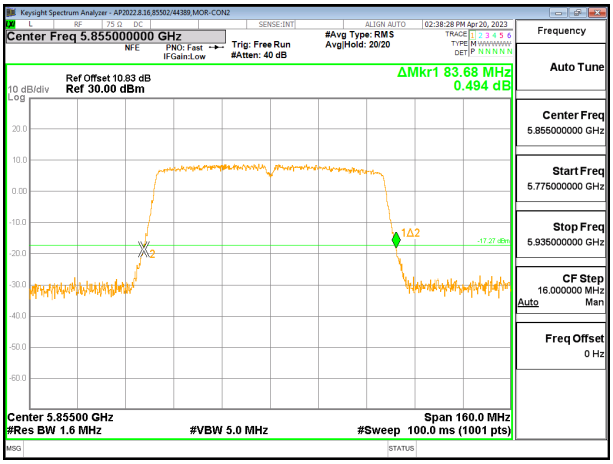
2TX CDD MODE

Channel	Frequency (MHz)	26 dB Bandwidth Chain 0 (MHz)	26 dB Bandwidth Chain 1 (MHz)
Low	5855	84.00	83.68

MID CHANNEL



LOW CHANNEL CHAIN 0



LOW CHANNEL CHAIN 1

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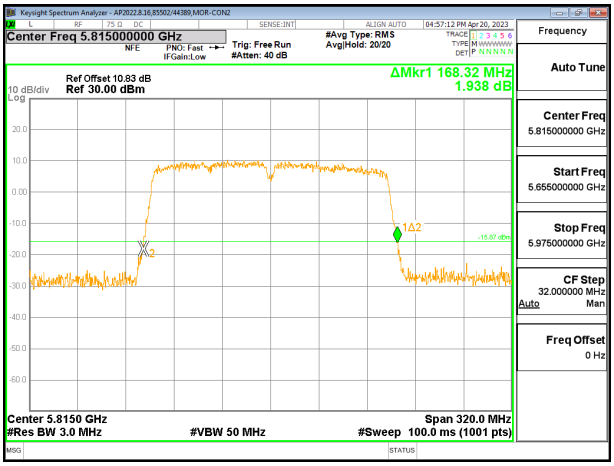
9.2.10. 802.11ac VHT160 MODE IN THE 5.9 GHz BAND

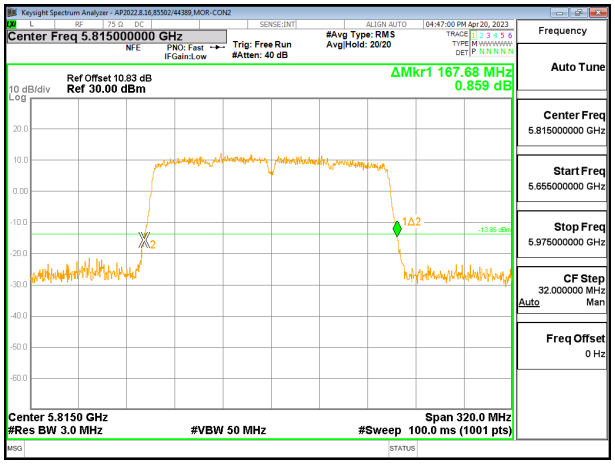
2TX CDD MODE

Channel	Frequency (MHz)	26 dB Bandwidth Antenna 1 (MHz)	26 dB Bandwidth Antenna 2 (MHz)
High	5815	168.32	167.68

MID CHANNEL



HIGH CHANNEL CHAIN 0



HIGH CHANNEL CHAIN 1

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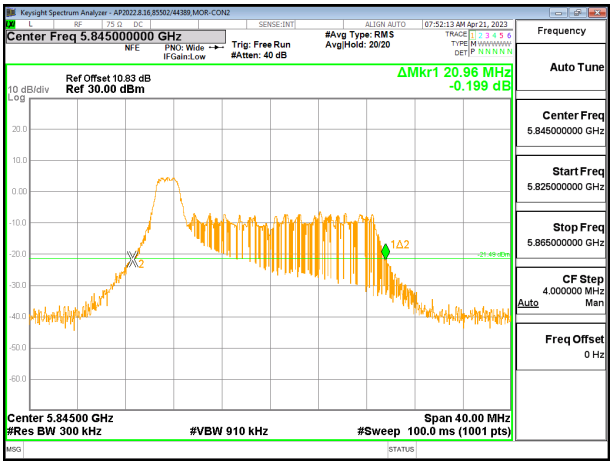
9.2.11. 802.11ax HE20 MODE IN THE 5.9 GHz BAND

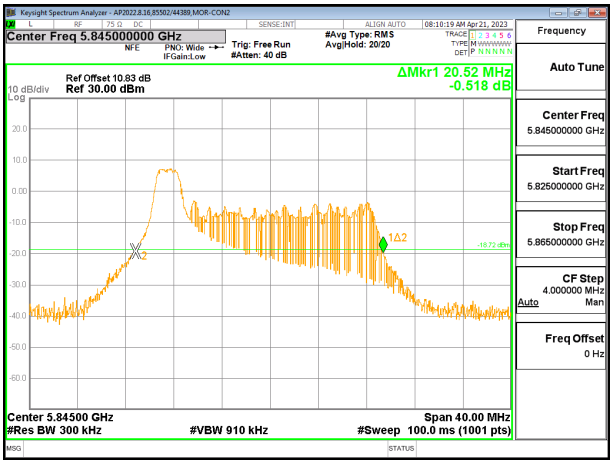
2TX CDD MODE – 26T

Channel	Frequency (MHz)	26 dB Bandwidth Chain 0 (MHz)	26 dB Bandwidth Chain 1 (MHz)
Low	5845	20.96	20.52
Mid	5865	19.12	18.76
High	5885	20.76	20.28

LOW CHANNEL

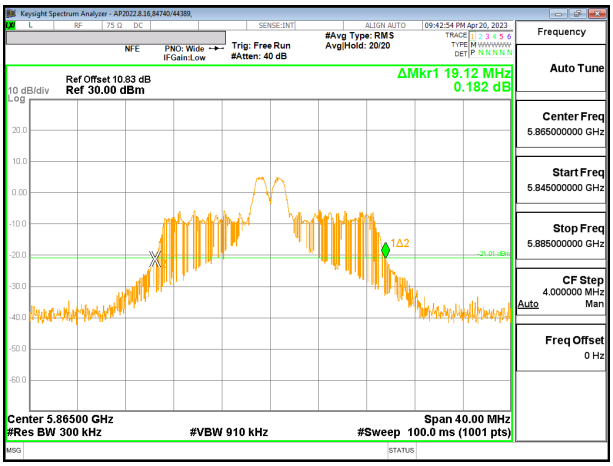


LOW CHANNEL CHAIN 0

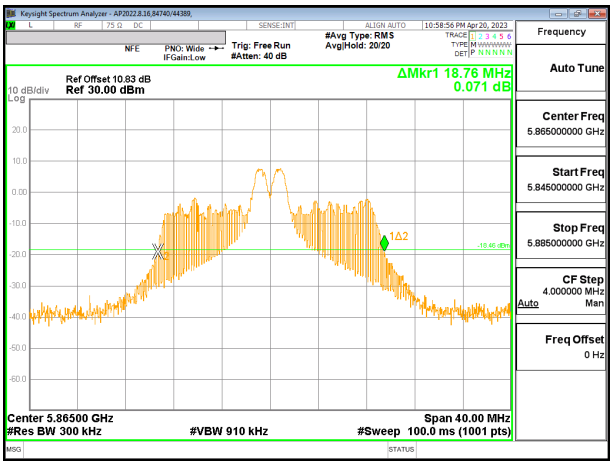


LOW CHANNEL CHAIN 1

MID CHANNEL



MID CHANNEL CHAIN 0



MID CHANNEL CHAIN 1

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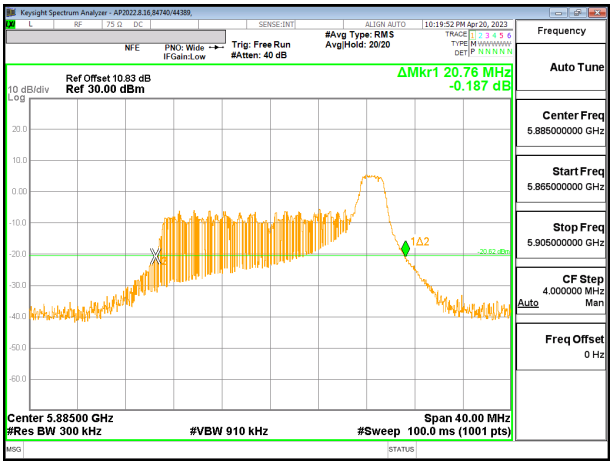
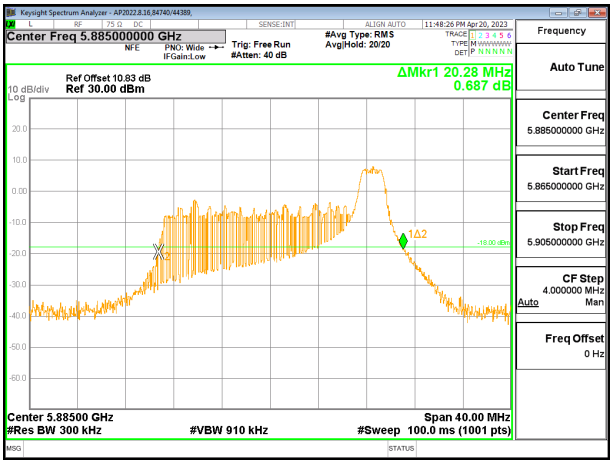
HIGH CHANNEL



HIGH CHANNEL CHAIN 0



HIGH CHANNEL CHAIN 1

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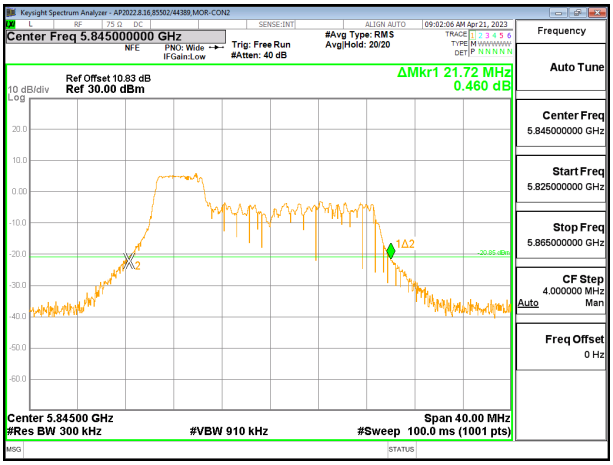
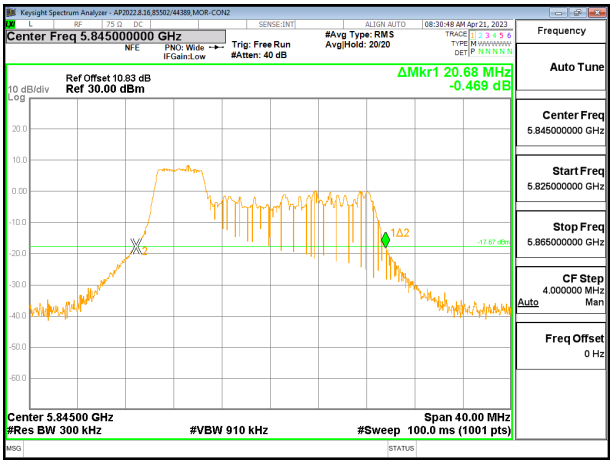
2TX CDD MODE – 52T

Channel	Frequency (MHz)	26 dB Bandwidth Chain 0 (MHz)	26 dB Bandwidth Chain 1 (MHz)
Low	5845	21.72	20.68
Mid	5865	19.88	19.04
High	5885	21.24	20.32

LOW CHANNEL

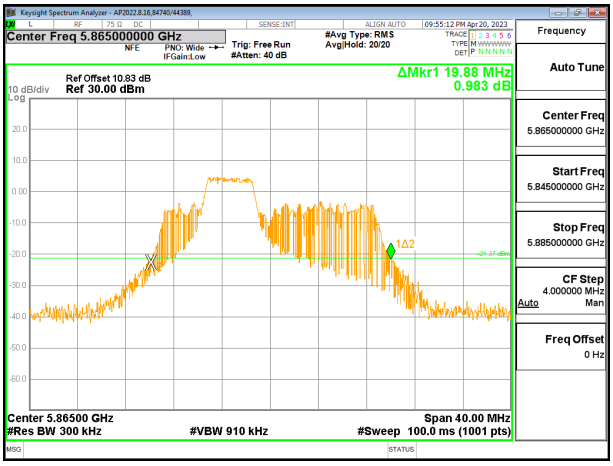


LOW CHANNEL CHAIN 0

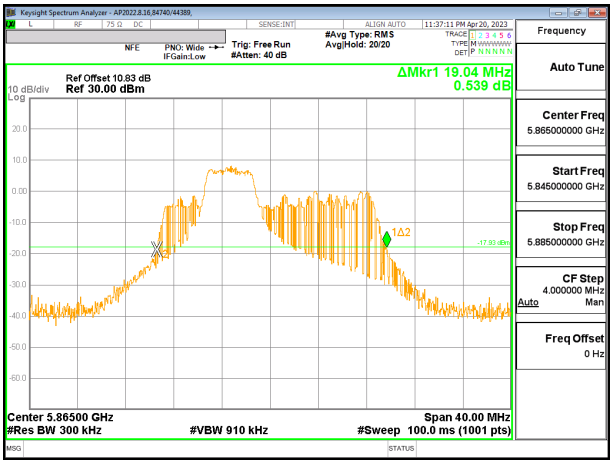


LOW CHANNEL CHAIN 1

MID CHANNEL



MID CHANNEL CHAIN 0



MID CHANNEL CHAIN 1

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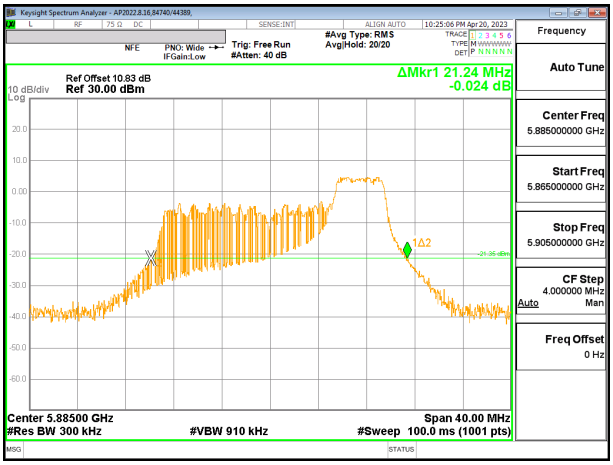
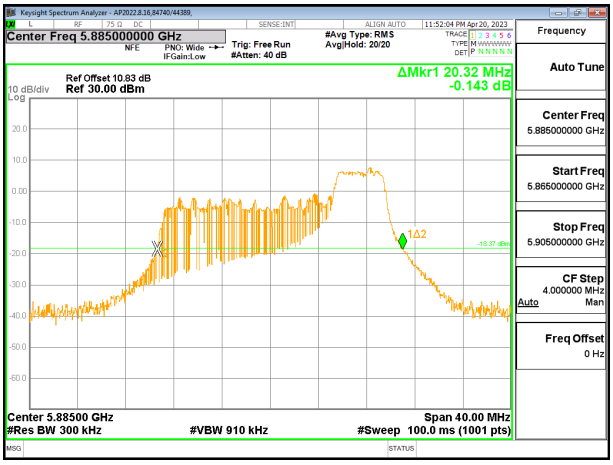
HIGH CHANNEL



HIGH CHANNEL CHAIN 0



HIGH CHANNEL CHAIN 1

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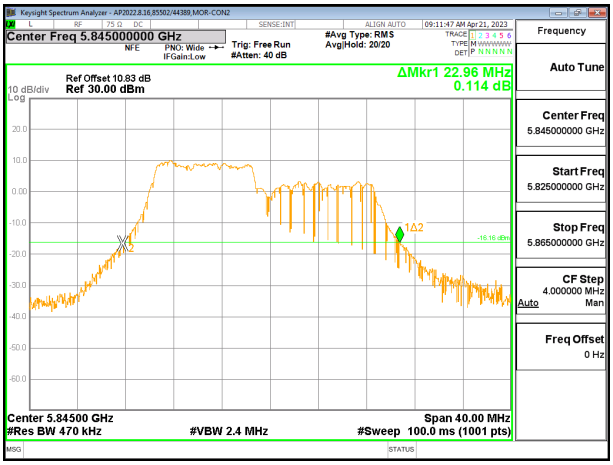
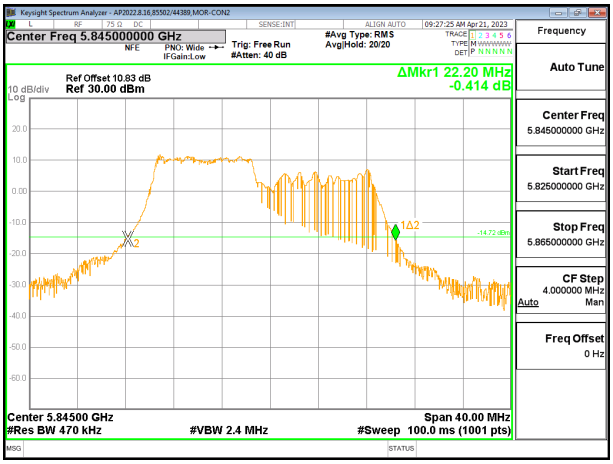
2TX CDD MODE – 106T

Channel	Frequency (MHz)	26 dB Bandwidth Chain 0 (MHz)	26 dB Bandwidth Chain 1 (MHz)
Low	5845	22.96	22.20
Mid	5865	22.92	22.32
High	5885	22.20	21.32

LOW CHANNEL

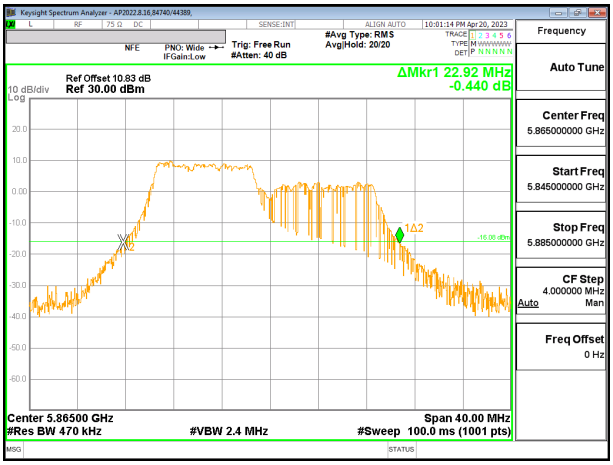


LOW CHANNEL CHAIN 0

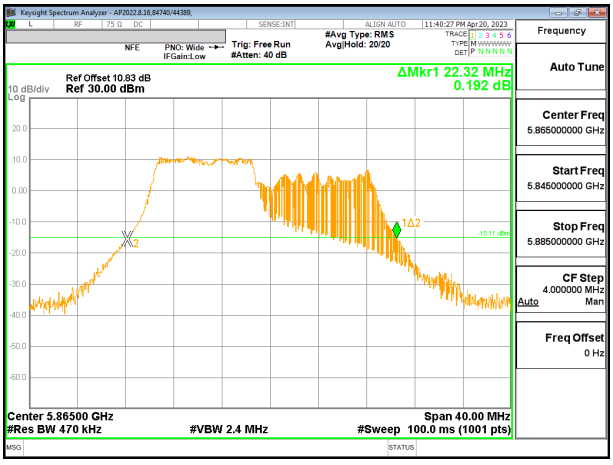


LOW CHANNEL CHAIN 1

MID CHANNEL



MID CHANNEL CHAIN 0



MID CHANNEL CHAIN 1

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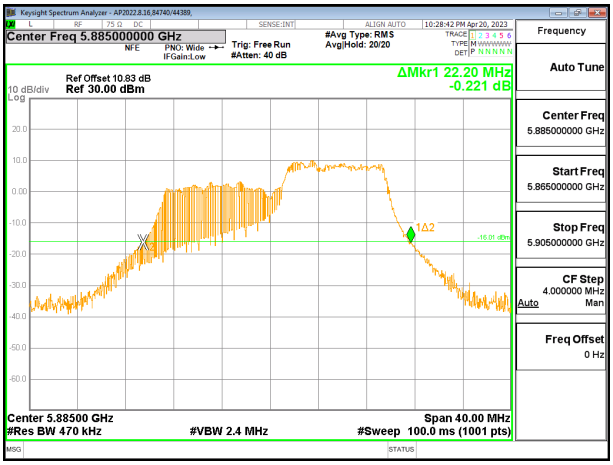
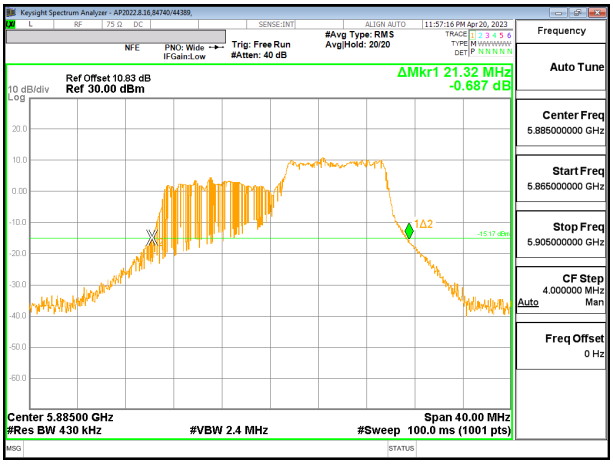
HIGH CHANNEL



HIGH CHANNEL CHAIN 0



HIGH CHANNEL CHAIN 1

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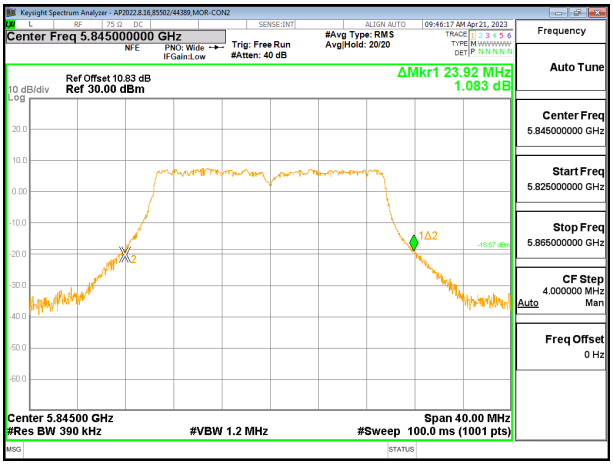
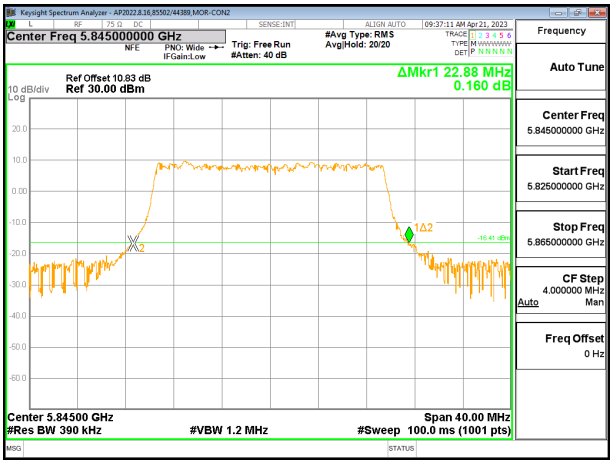
2TX CDD MODE – 242T

Channel	Frequency (MHz)	26 dB Bandwidth Chain 0 (MHz)	26 dB Bandwidth Chain 1 (MHz)
Low	5845	23.92	22.88
Mid	5865	23.76	23.80
High	5885	22.84	22.84

LOW CHANNEL

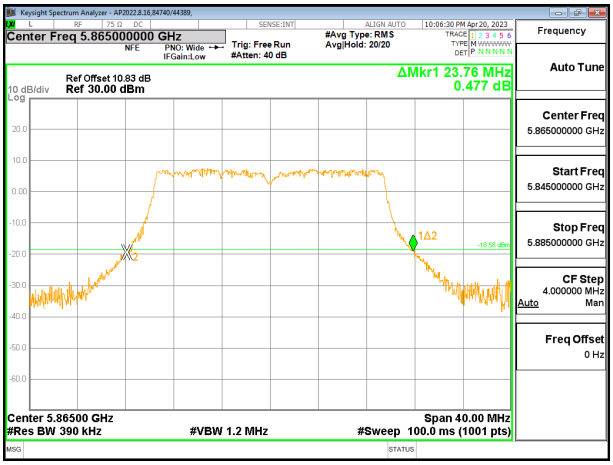


LOW CHANNEL CHAIN 0

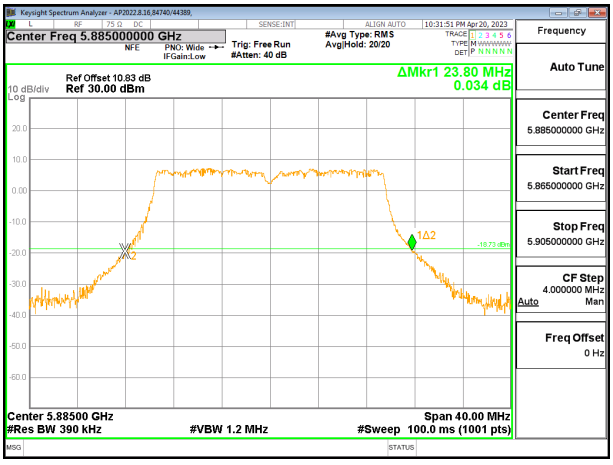


LOW CHANNEL CHAIN 1

MID CHANNEL



MID CHANNEL CHAIN 0



MID CHANNEL CHAIN 1

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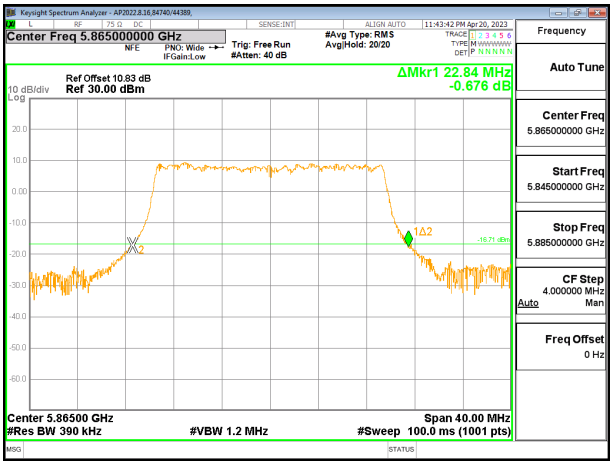
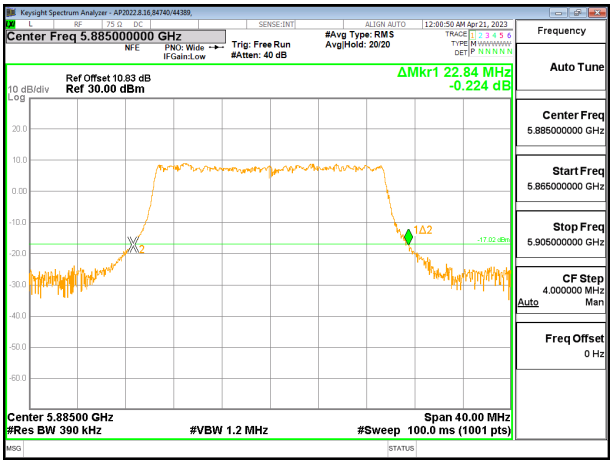
HIGH CHANNEL



HIGH CHANNEL CHAIN 0



HIGH CHANNEL CHAIN 1

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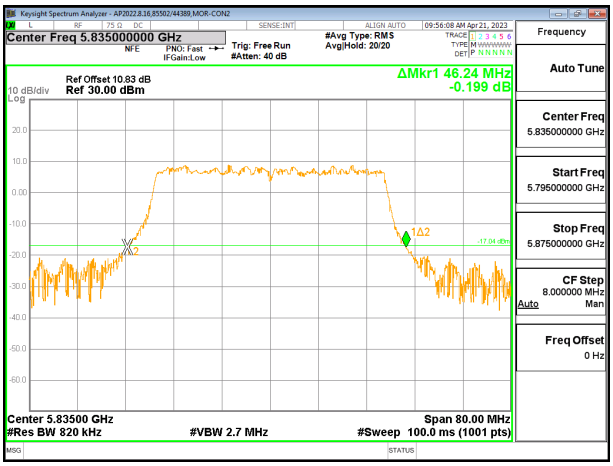
9.2.12. 802.11ax HE40 MODE IN THE 5.9 GHz BAND

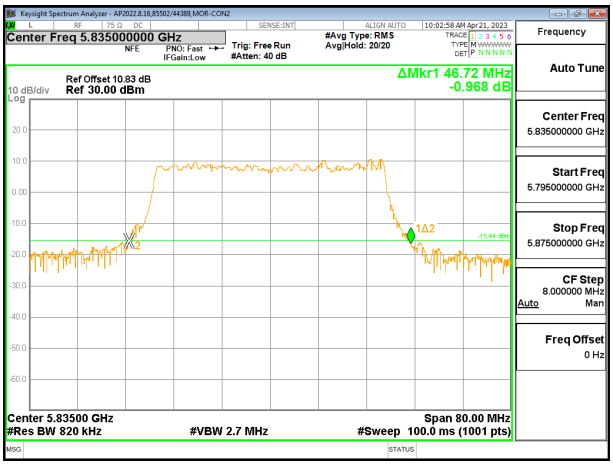
2TX CDD MODE – 484T

Channel	Frequency (MHz)	26 dB Bandwidth Chain 0 (MHz)	26 dB Bandwidth Chain 1 (MHz)
Low	5835	46.24	46.72
High	5875	46.24	46.24

LOW CHANNEL

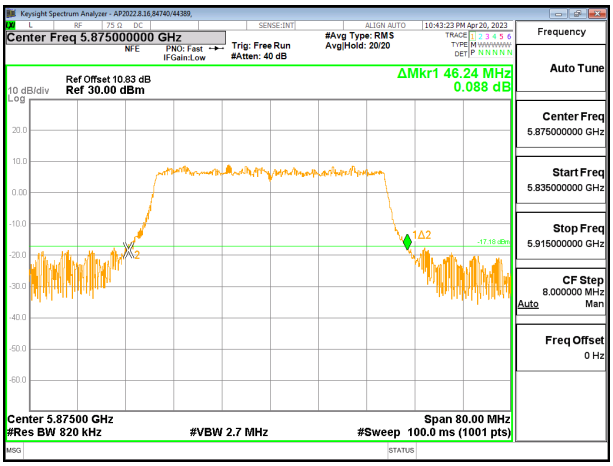


LOW CHANNEL CHAIN 0

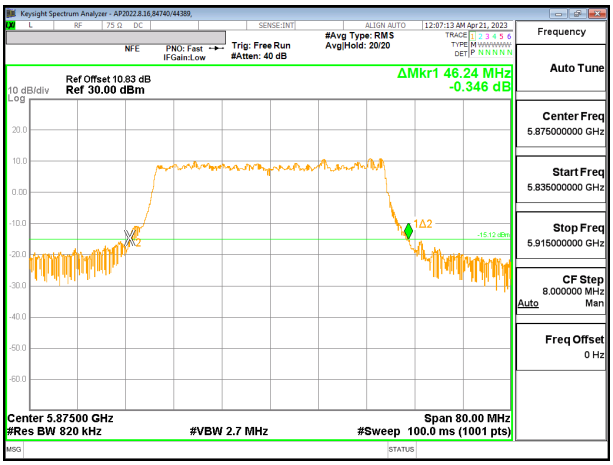


LOW CHANNEL CHAIN 1

HIGH CHANNEL



HIGH CHANNEL CHAIN 0



HIGH CHANNEL CHAIN 1

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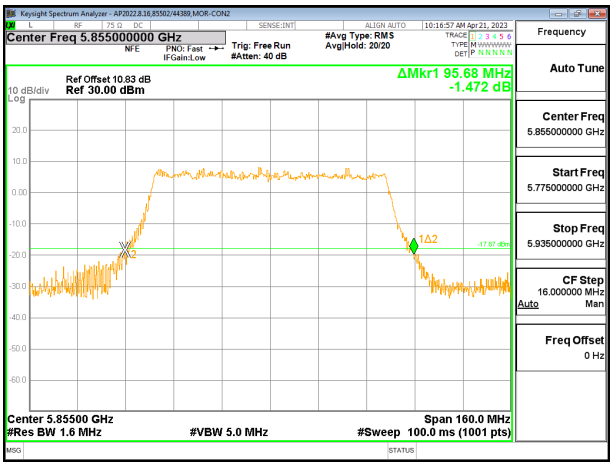
9.2.13. 802.11ax HE80 MODE IN THE 5.9 GHz BAND

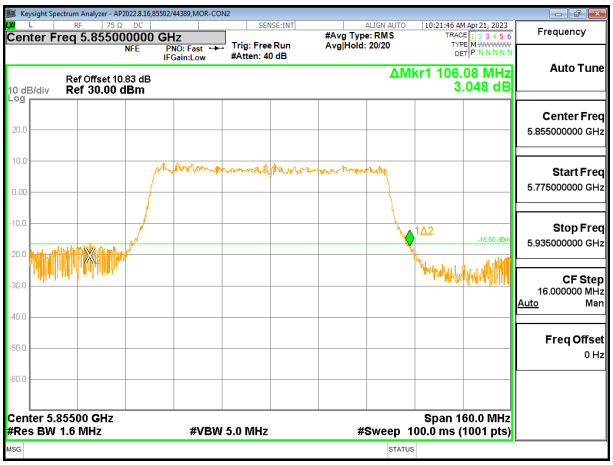
2TX CDD MODE – 996T

Channel	Frequency (MHz)	26 dB Bandwidth Chain 0 (MHz)	26 dB Bandwidth Chain 1 (MHz)
Mid	5855	95.68	106.08

MID CHANNEL



MID CHANNEL CHAIN 0



MID CHANNEL CHAIN 1

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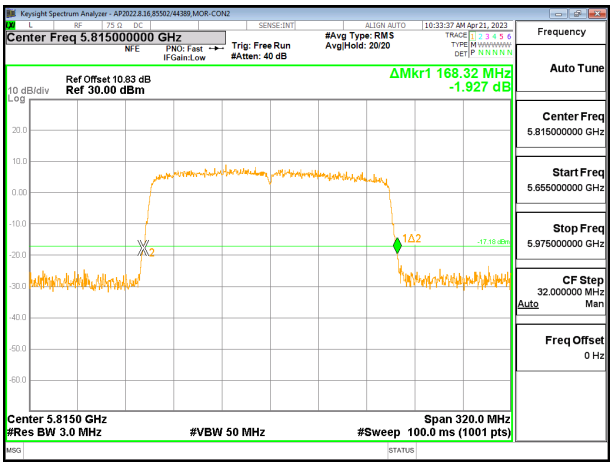
9.2.14. 802.11ax HE160 MODE IN THE 5.9 GHz BAND

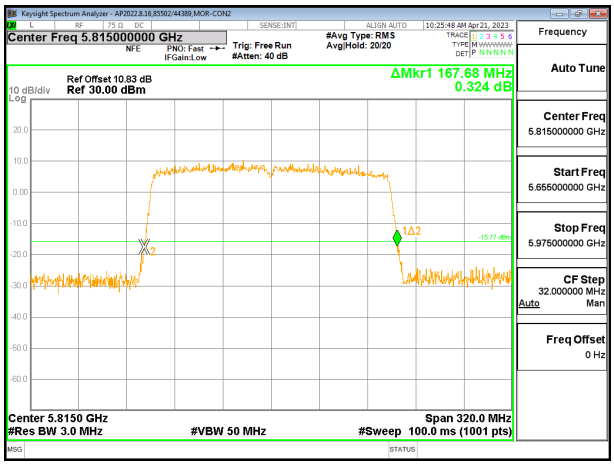
2TX CDD MODE – 2x996T

Channel	Frequency (MHz)	26 dB Bandwidth Chain 0 (MHz)	26 dB Bandwidth Chain 1 (MHz)
Mid	5815	168.32	167.68

MID CHANNEL



MID CHANNEL CHAIN 0



MID CHANNEL CHAIN 1

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9.1. 6 dB BANDWIDTH

LIMITS

FCC §15.407 (e)

RSS-247 6.2.4.1

The minimum 6 dB bandwidth shall be at least 500 kHz.

RESULTS

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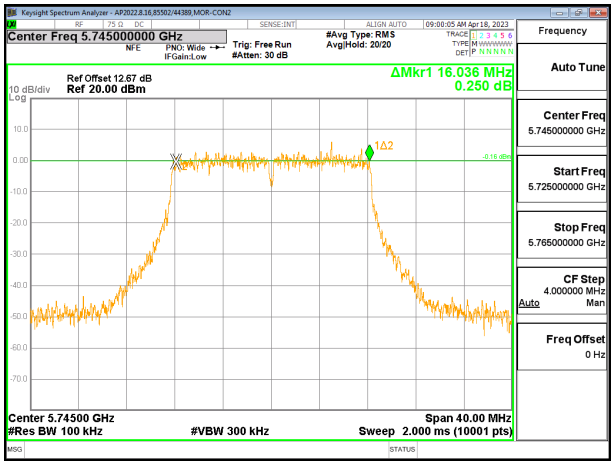
9.1.1. 802.11a MODE IN THE 5.8 GHz BAND

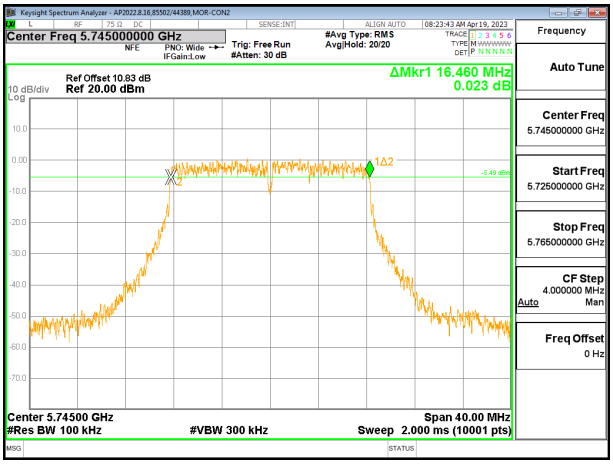
2TX CDD MODE

Channel	Frequency (MHz)	6 dB BW Chain 0 (MHz)	6 dB BW Chain 1 (MHz)	Minimum Limit (MHz)
Low	5745	16.036	16.460	0.5
Mid	5785	16.320	16.368	0.5
High	5825	16.308	16.376	0.5
144	5720	3.180	3.236	0.5

LOW CHANNEL

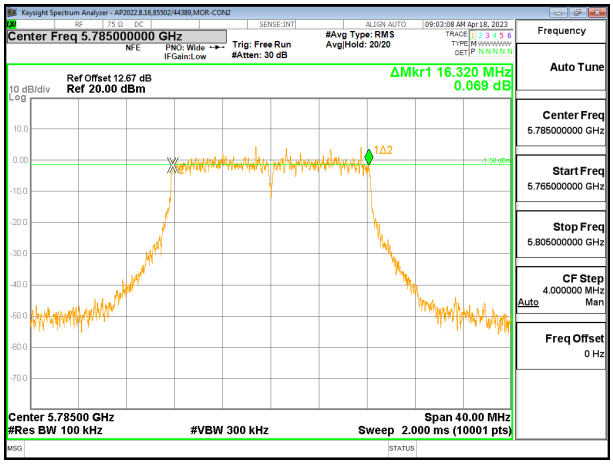


LOW CHANNEL CHAIN 0

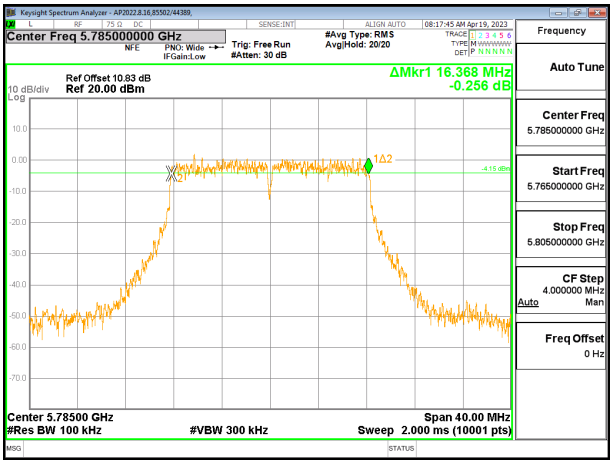


LOW CHANNEL CHAIN 1

MID CHANNEL



MID CHANNEL CHAIN 0



MID CHANNEL CHAIN 1

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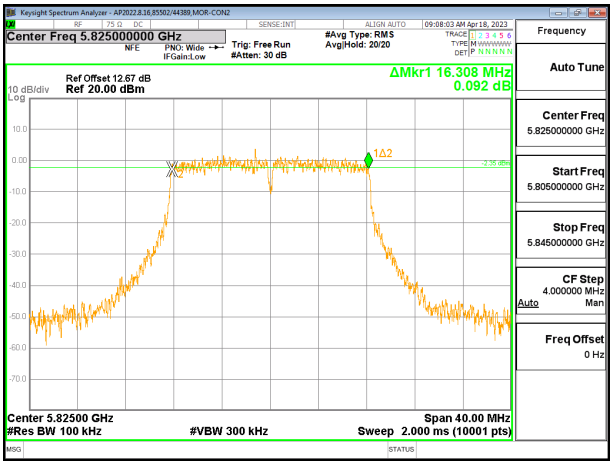
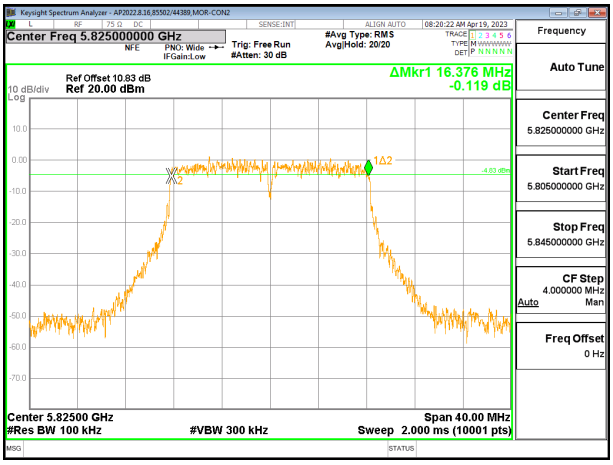
HIGH CHANNEL

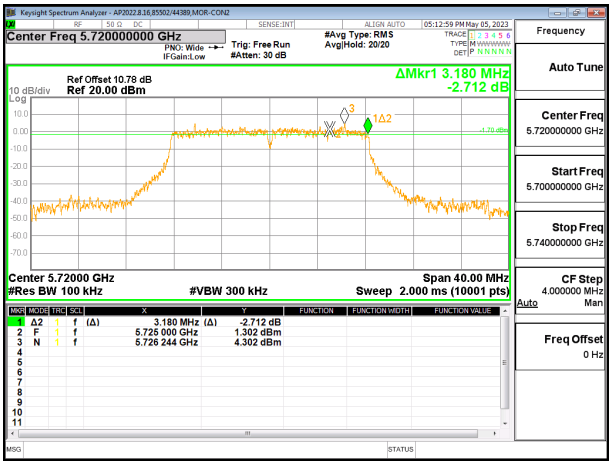


HIGH CHANNEL CHAIN 0

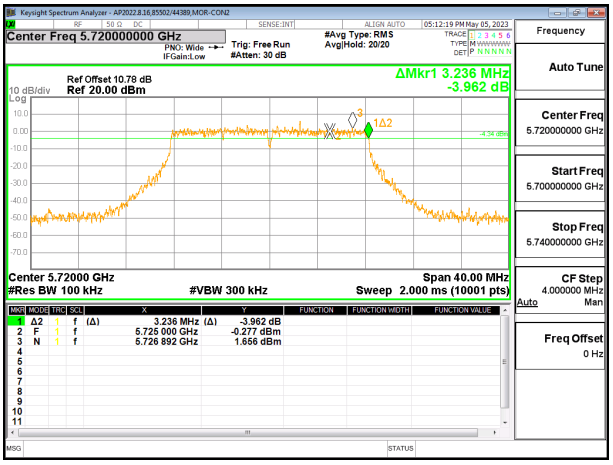


HIGH CHANNEL CHAIN 1

CHANNEL 144



CHANNEL 144 CHAIN 0



CHANNEL 144 CHAIN 1

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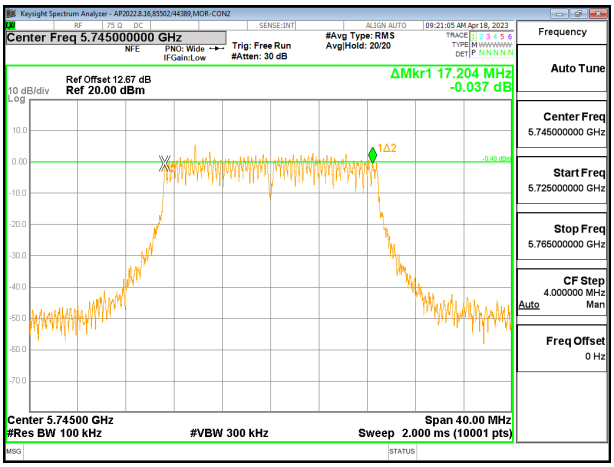
9.1.2. 802.11n HT20 MODE IN THE 5.8 GHz BAND

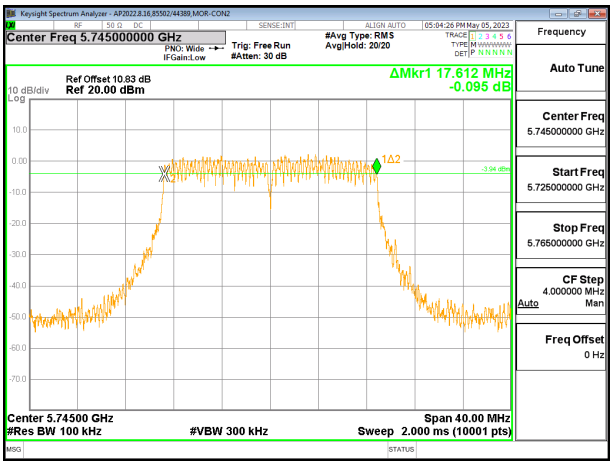
2TX CDD MODE

Channel	Frequency (MHz)	6 dB BW Chain 0 (MHz)	6 dB BW Chain 1 (MHz)	Minimum Limit (MHz)
Low	5745	17.204	17.612	0.5
Mid	5785	17.184	17.588	0.5
High	5825	17.576	17.616	0.5
144	5720	3.864	3.852	0.5

LOW CHANNEL

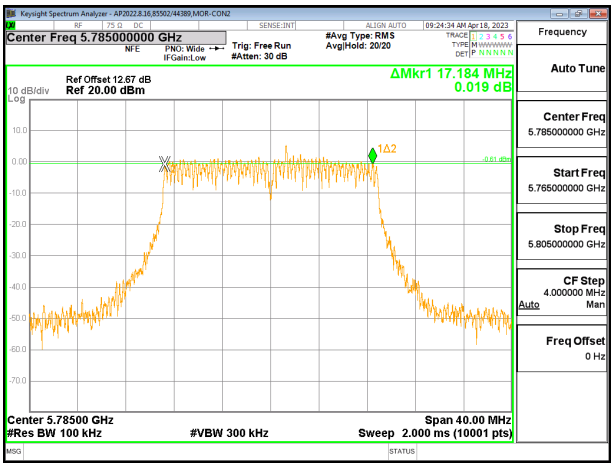


LOW CHANNEL CHAIN 0

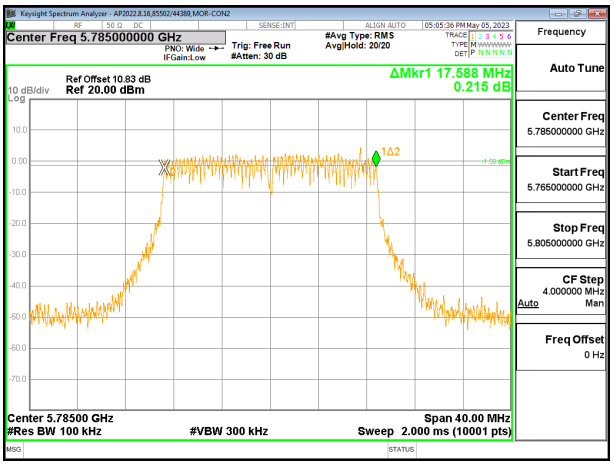


LOW CHANNEL CHAIN 1

MID CHANNEL



MID CHANNEL CHAIN 0



MID CHANNEL CHAIN 1

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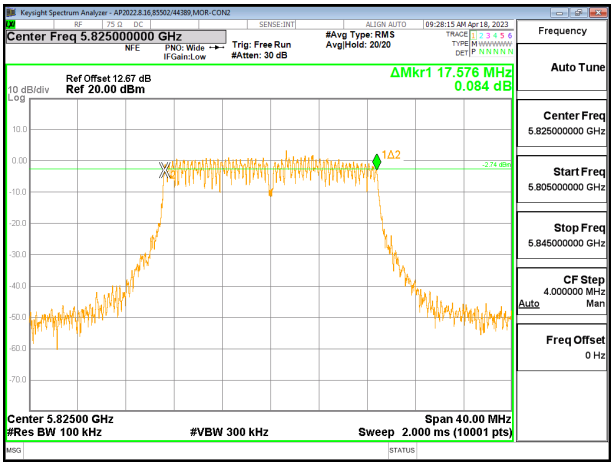
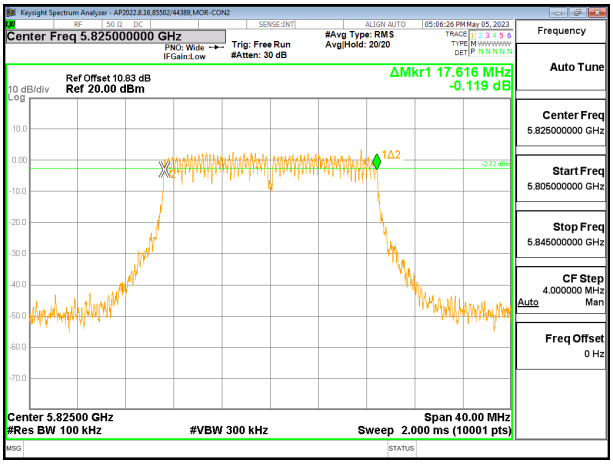
HIGH CHANNEL

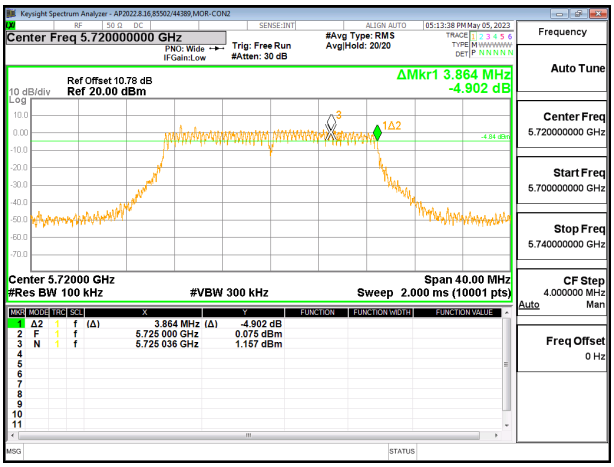


HIGH CHANNEL CHAIN 0

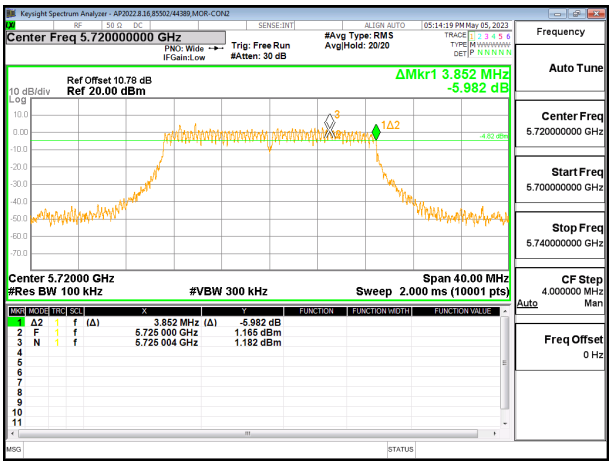


HIGH CHANNEL CHAIN 1

CHANNEL 144



CHANNEL 144 CHAIN 0



CHANNEL 144 CHAIN 1

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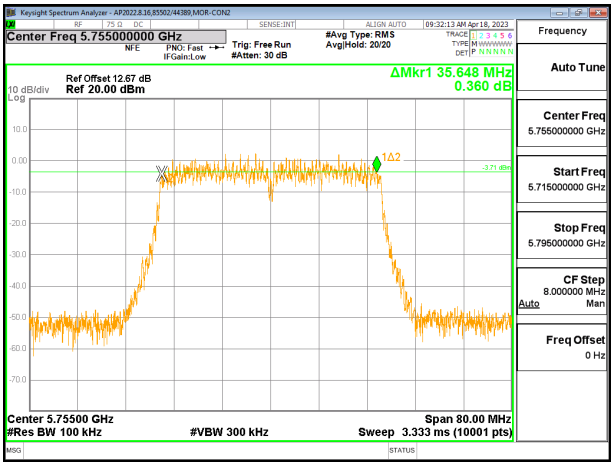
9.1.3. 802.11n HT40 MODE IN THE 5.8 GHz BAND

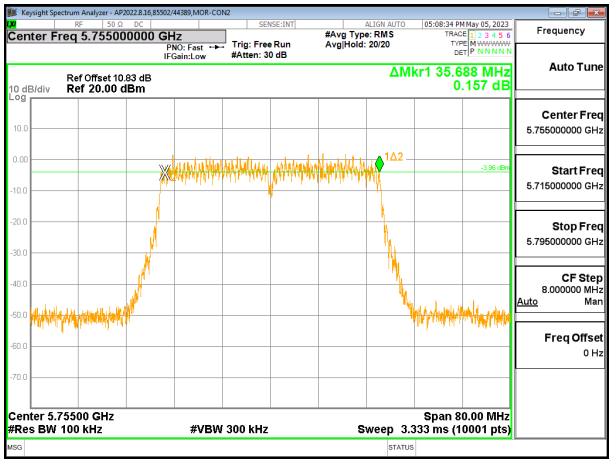
2TX CDD MODE

Channel	Frequency (MHz)	6 dB BW Chain 0 (MHz)	6 dB BW Chain 1 (MHz)	Minimum Limit (MHz)
Low	5755	35.648	35.688	0.5
High	5795	35.616	35.216	0.5
142	5710	3.104	3.248	0.5

LOW CHANNEL

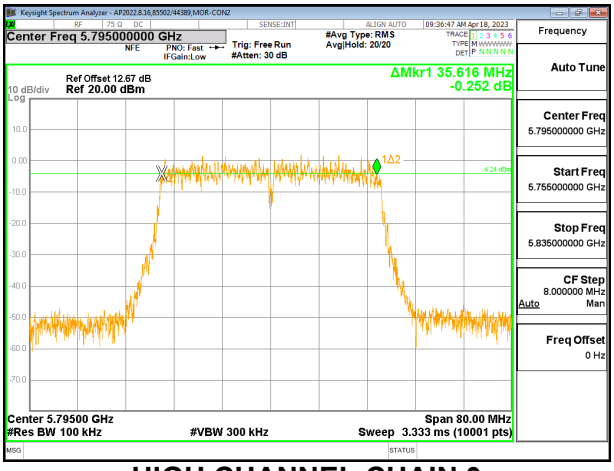


LOW CHANNEL CHAIN 0

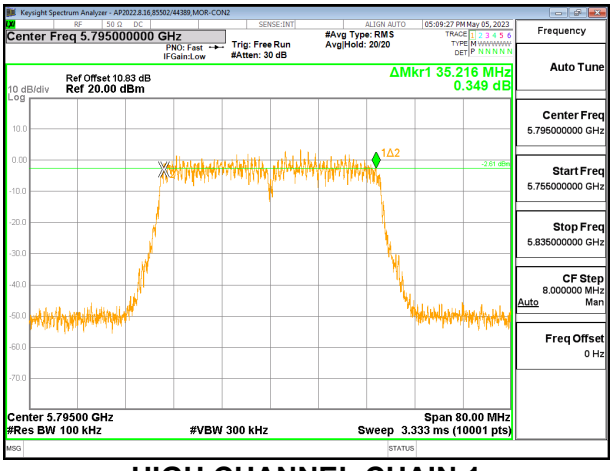


LOW CHANNEL CHAIN 1

HIGH CHANNEL



HIGH CHANNEL CHAIN 0



HIGH CHANNEL CHAIN 1

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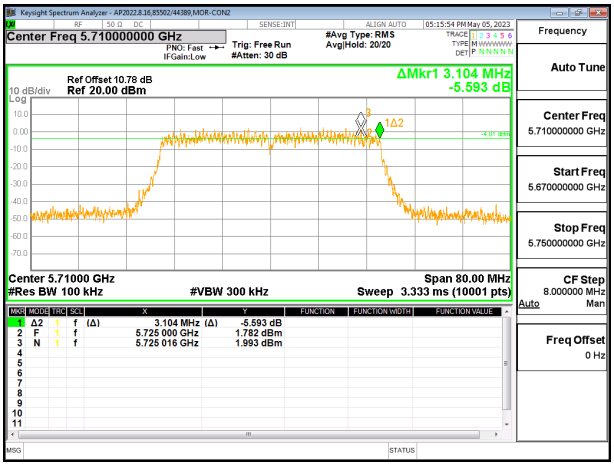
CHANNEL 142



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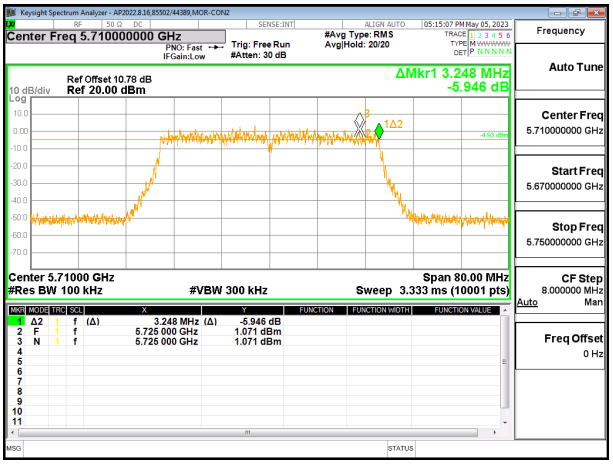

CHANNEL 142 CHAIN 1

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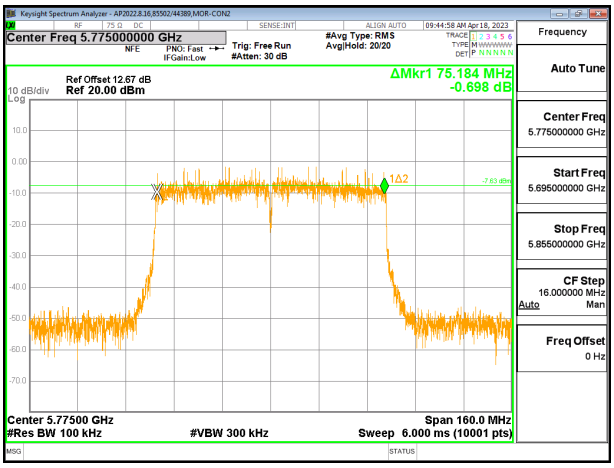
9.1.4. 802.11ac VHT80 MODE IN THE 5.8 GHz BAND

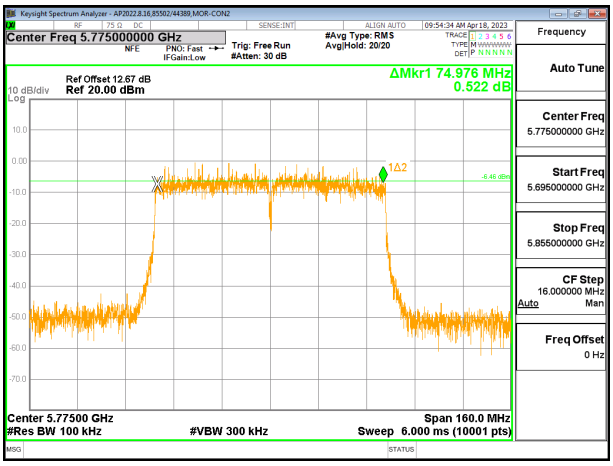
2TX CDD MODE

Channel	Frequency (MHz)	6 dB BW Chain 0 (MHz)	6 dB BW Chain 1 (MHz)	Minimum Limit (MHz)
Mid	5775	75.184	74.976	0.5
138	5690	3.176	3.208	0.5

MID CHANNEL

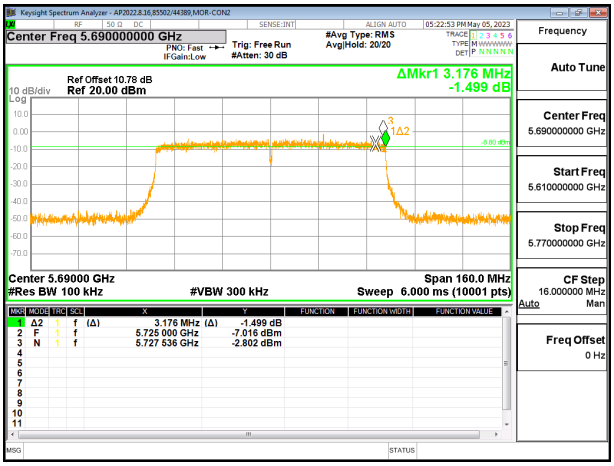


MID CHANNEL CHAIN 0

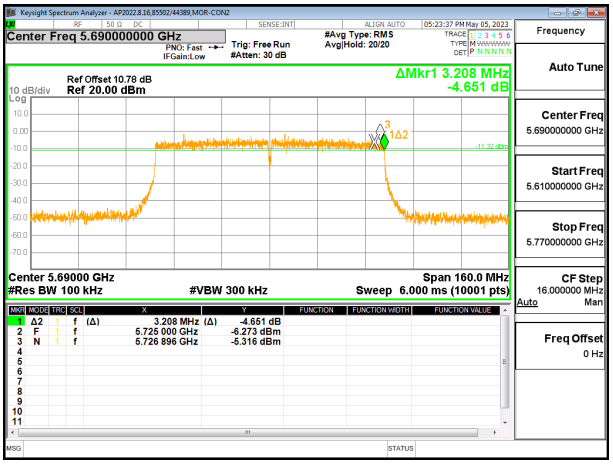


MID CHANNEL CHAIN 1

CHANNEL 138



CHANNEL 138 CHAIN 0



CHANNEL 138 CHAIN 1

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