HIGH CHANNEL

HIGH CHANNEL CHAIN 0

HIGH CHANNEL CHAIN 1

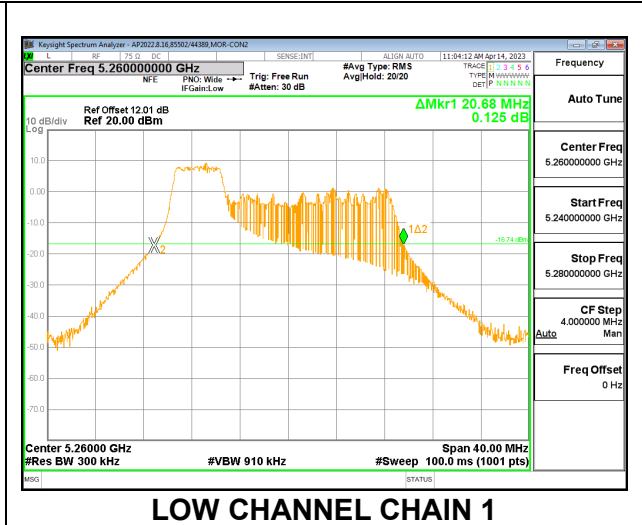## 2TX CDD MODE – 52T

Channel	Frequency (MHz)	26 dB Bandwidth Chain 0 (MHz)	26 dB Bandwidth Chain 1 (MHz)
Low	5260	21.76	20.68
Mid	5300	19.88	19.04
High	5320	21.16	20.40

LOW CHANNEL
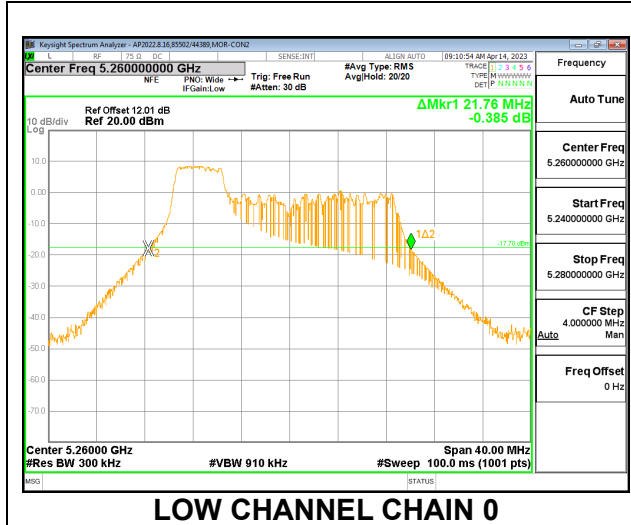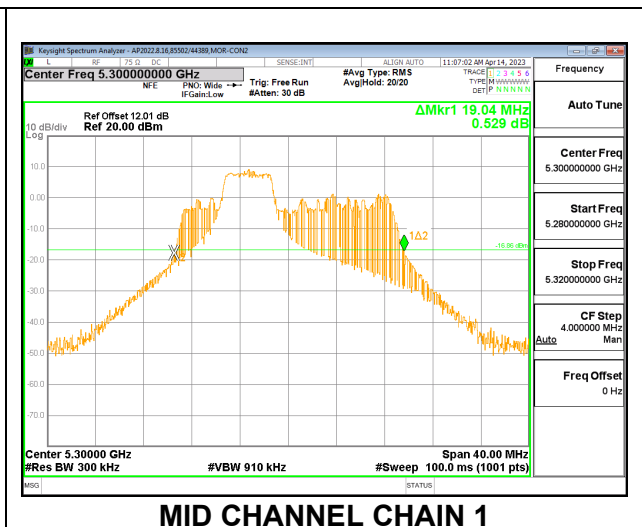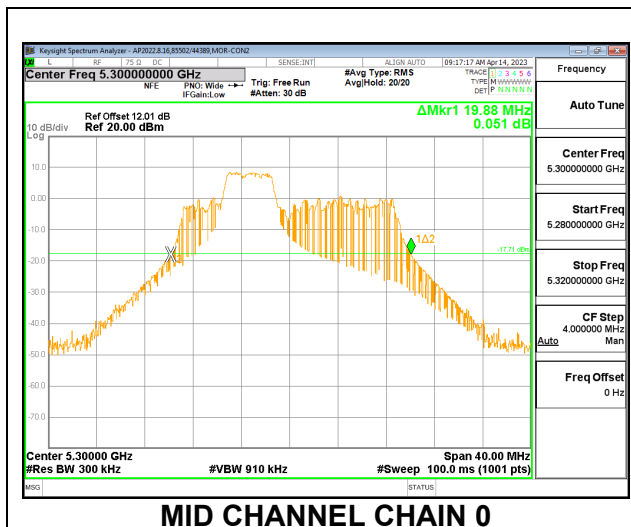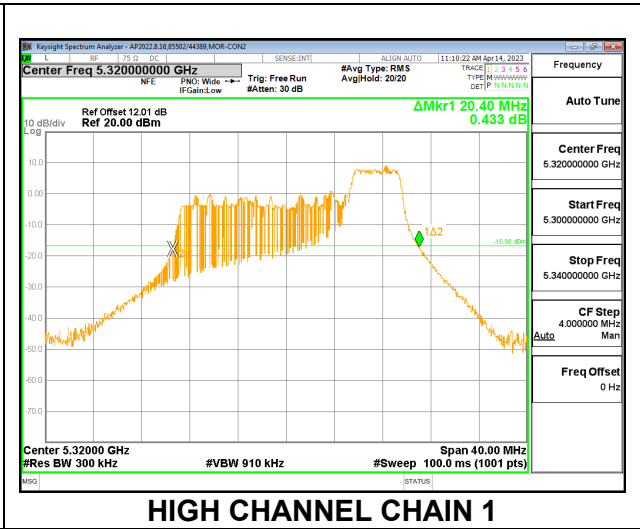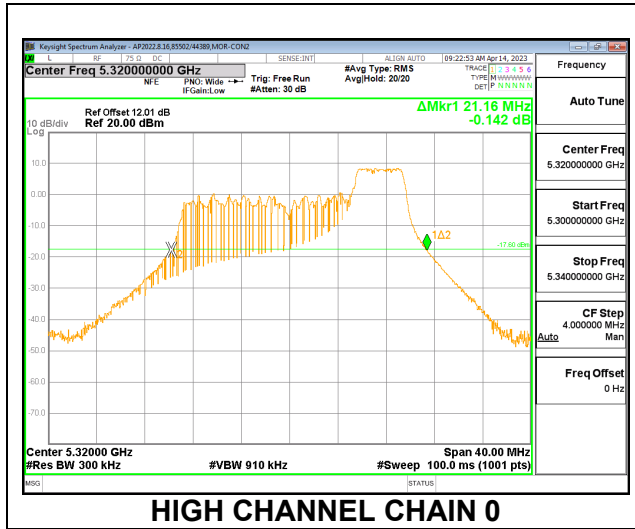
LOW CHANNEL CHAIN 0

LOW CHANNEL CHAIN 1

MID CHANNEL

MID CHANNEL CHAIN 0

MID CHANNEL CHAIN 1

This report shall not be reproduced except in full, without the written approval of UL LLC

HIGH CHANNEL

HIGH CHANNEL CHAIN 0

HIGH CHANNEL CHAIN 1

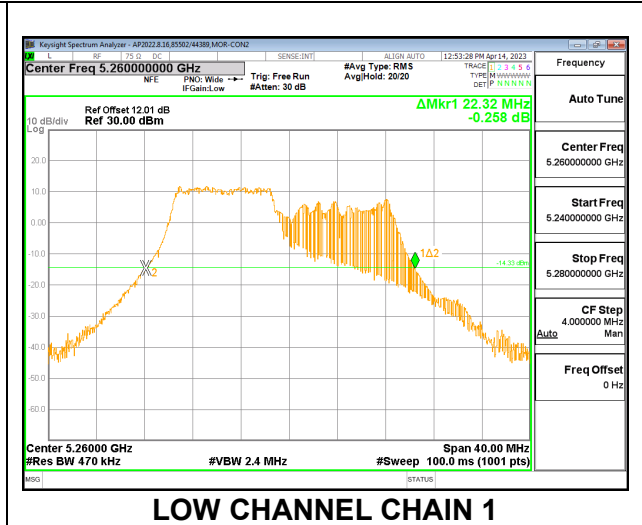## 2TX CDD MODE – 106T

Channel	Frequency (MHz)	26 dB Bandwidth Chain 0 (MHz)	26 dB Bandwidth Chain 1 (MHz)
Low	5260	22.84	22.32
Mid	5300	23.12	22.24
High	5320	22.24	21.68

LOW CHANNEL
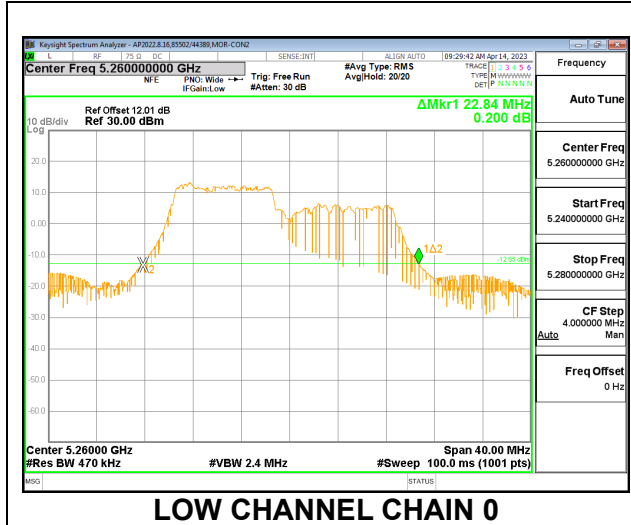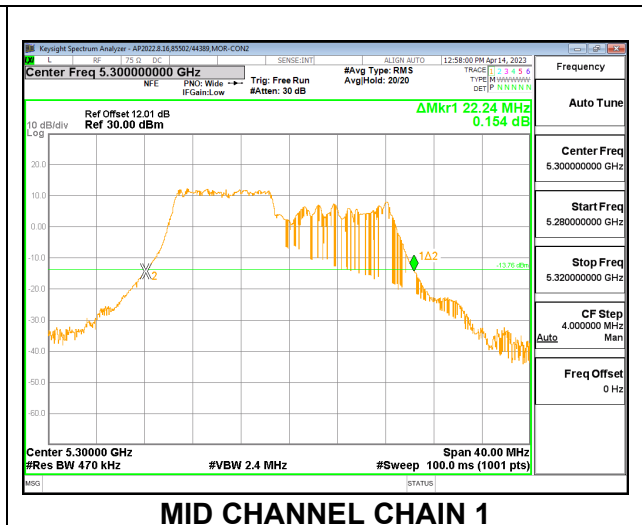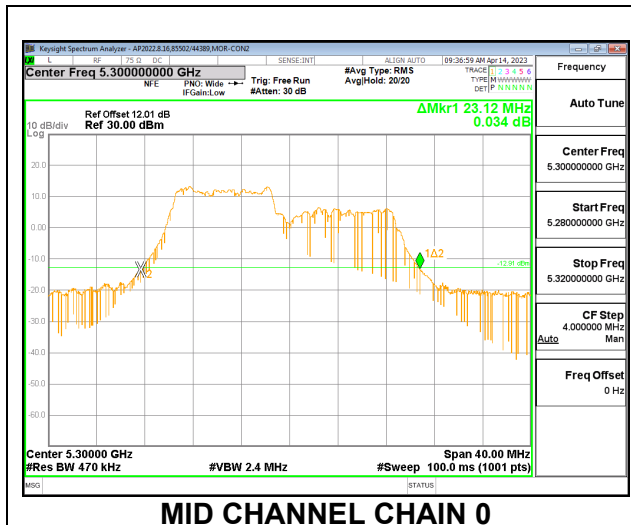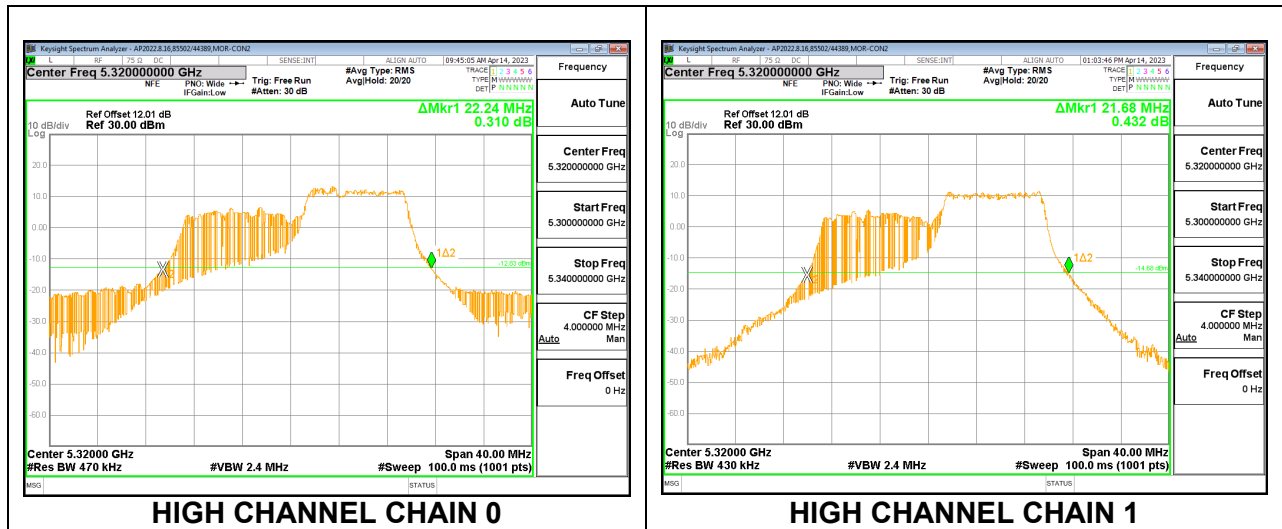
LOW CHANNEL CHAIN 0

LOW CHANNEL CHAIN 1

MID CHANNEL

MID CHANNEL CHAIN 0

MID CHANNEL CHAIN 1

HIGH CHANNEL

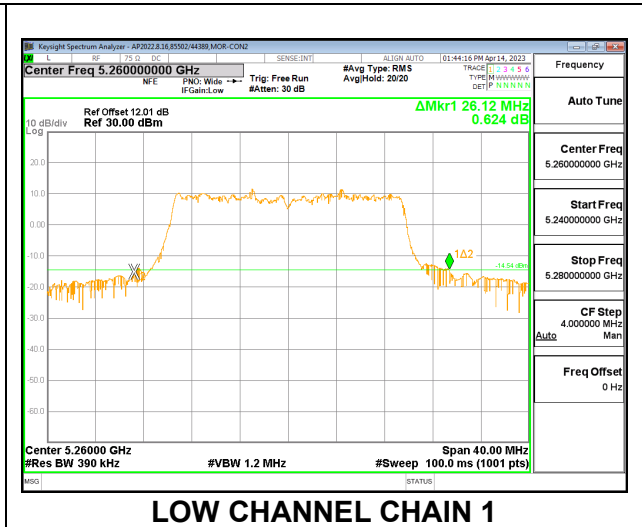**HIGH CHANNEL CHAIN 0**

HIGH CHANNEL CHAIN 1

2TX CDD MODE – 242T

Channel	Frequency (MHz)	26 dB Bandwidth Chain 0 (MHz)	26 dB Bandwidth Chain 1 (MHz)
Low	5260	35.76	26.12
Mid	5300	27.84	24.36
High	5320	27.96	22.76

LOW CHANNEL

LOW CHANNEL CHAIN 0

LOW CHANNEL CHAIN 1

MID CHANNEL

MID CHANNEL CHAIN 0

MID CHANNEL CHAIN 1

HIGH CHANNEL
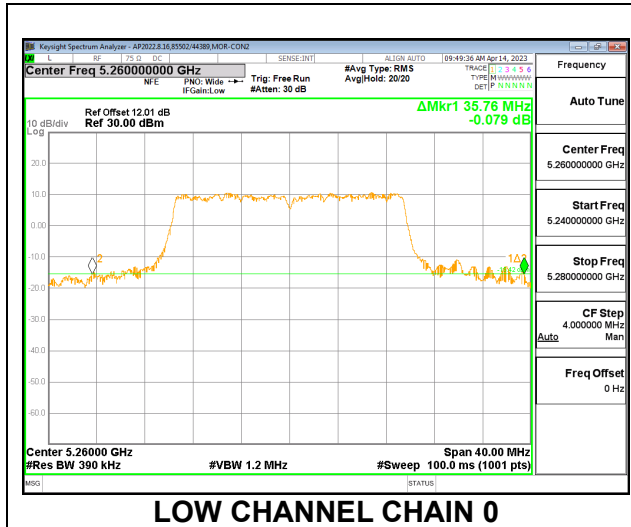
HIGH CHANNEL CHAIN 0
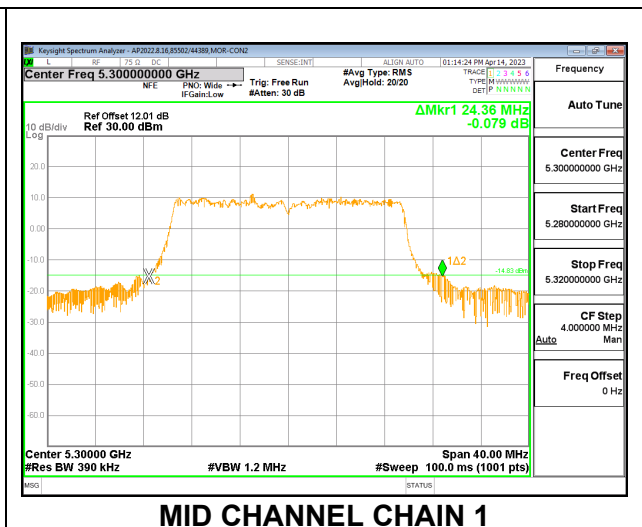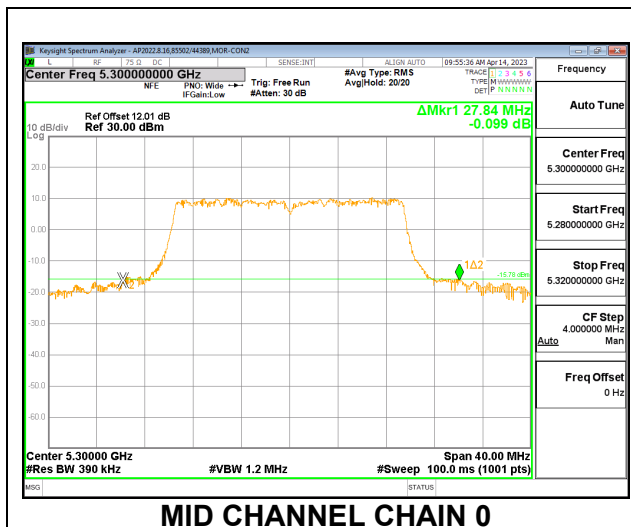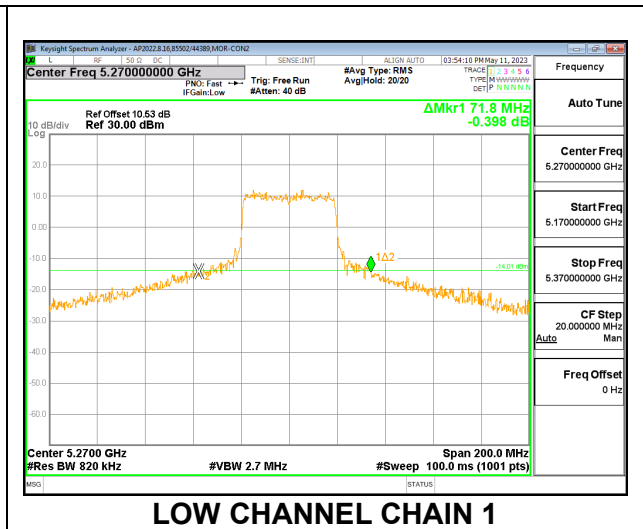

HIGH CHANNEL CHAIN 1
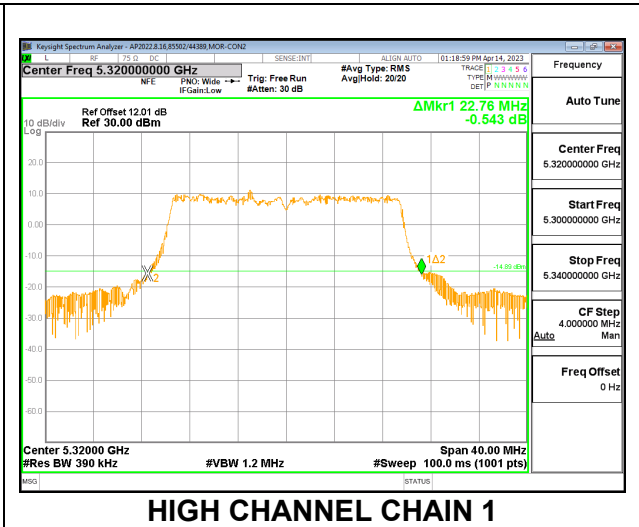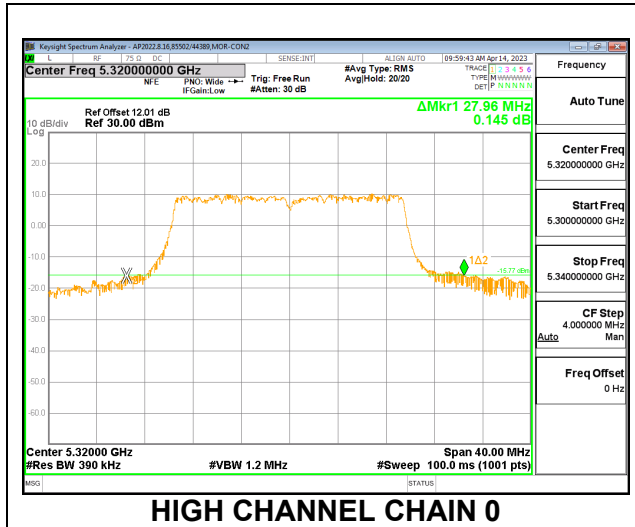
9.2.14. 802.11ax HE40 MODE IN THE 5.3 GHz BAND

2TX CDD MODE – 484T

Channel	Frequency (MHz)	26 dB Bandwidth Chain 0 (MHz)	26 dB Bandwidth Chain 1 (MHz)
Low	5270	91.20	71.80
High	5310	50.60	54.50

LOW CHANNEL

LOW CHANNEL CHAIN 0

LOW CHANNEL CHAIN 1

HIGH CHANNEL

HIGH CHANNEL CHAIN 0

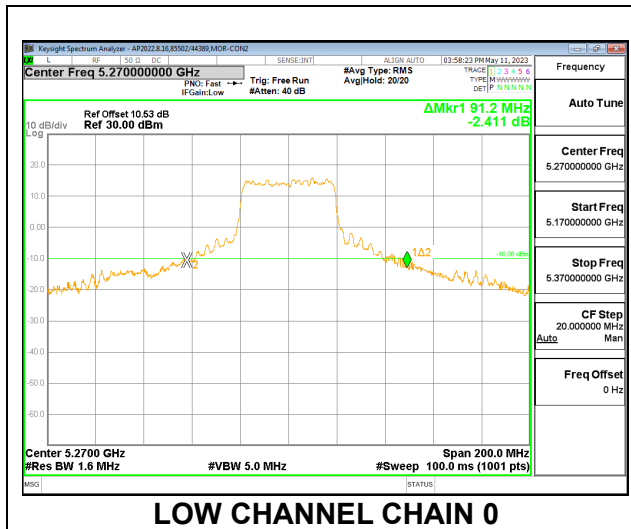**HIGH CHANNEL CHAIN 1**
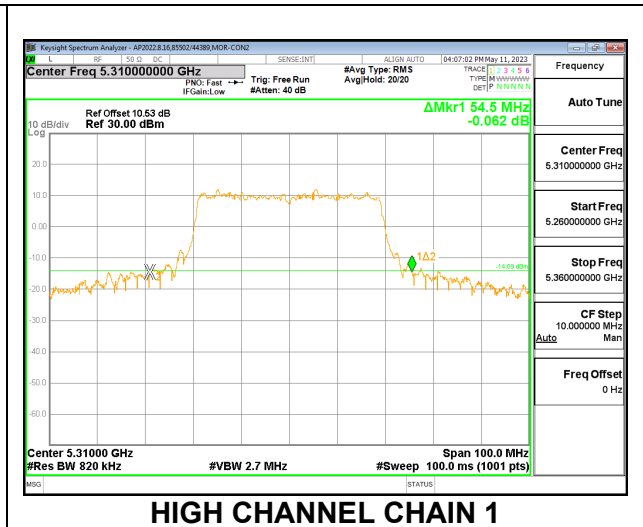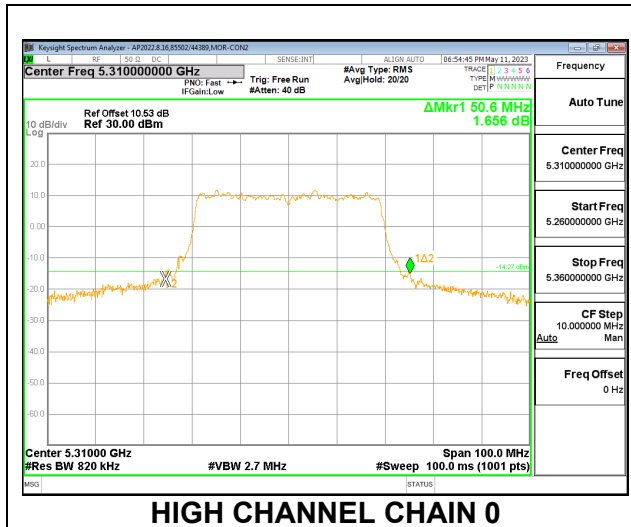
9.2.15.   802.11ax HE80 MODE IN THE 5.3 GHz BAND
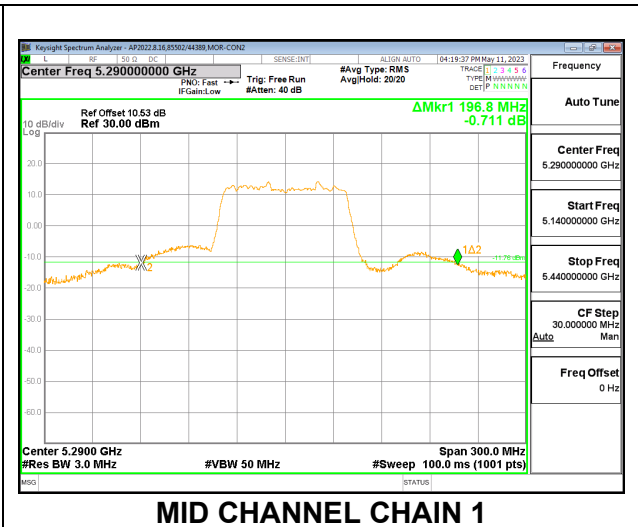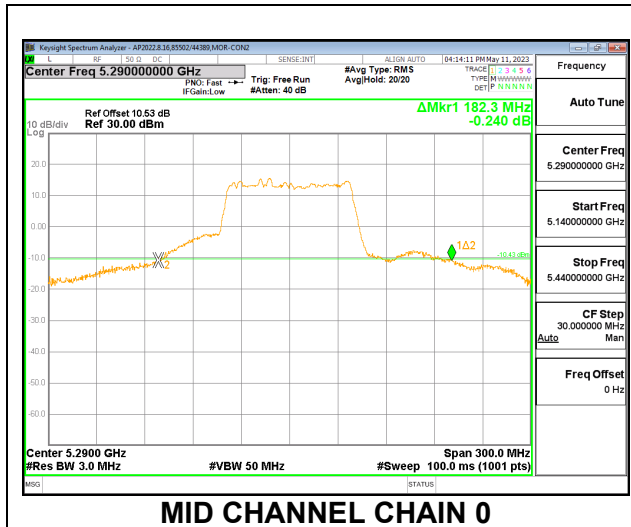
2TX CDD MODE – 996T

Channel	Frequency (MHz)	26 dB Bandwidth Chain 0 (MHz)	26 dB Bandwidth Chain 1 (MHz)
Mid	5290	182.30	196.80

MID CHANNEL

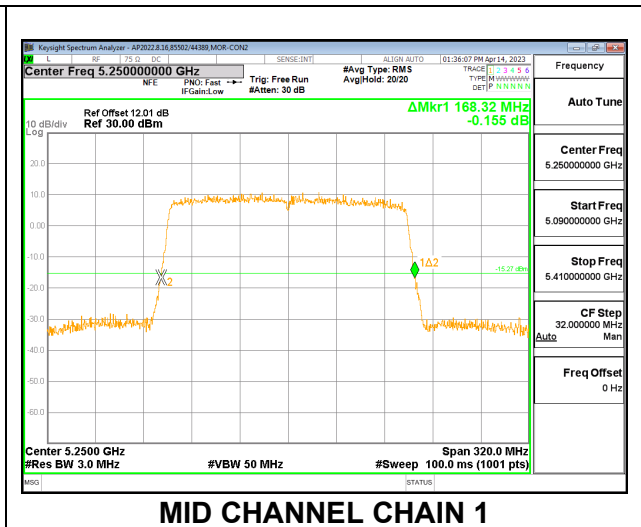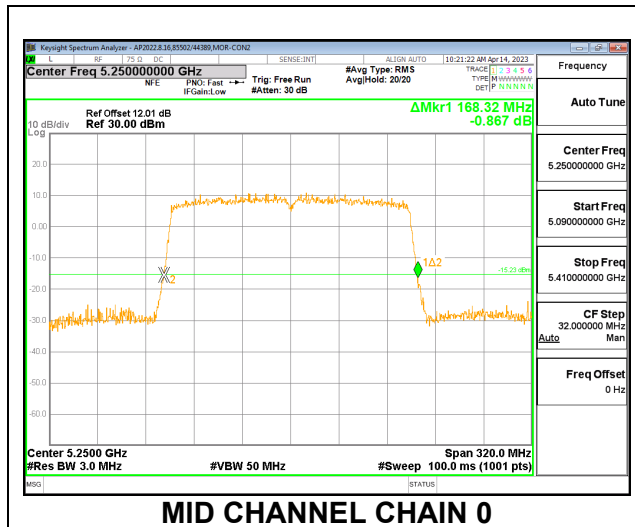| MID CHANNEL CHAIN 0 | MID CHANNEL CHAIN 1 |

9.2.16.   802.11ax HE160 MODE IN THE 5.2 AND 5.3 GHz BAND

2TX CDD MODE – 2x996T

Channel	Frequency (MHz)	26 dB Bandwidth Antenna 1 (MHz)	26 dB Bandwidth Antenna 2 (MHz)
Mid	5250	168.32	168.32

MID CHANNEL

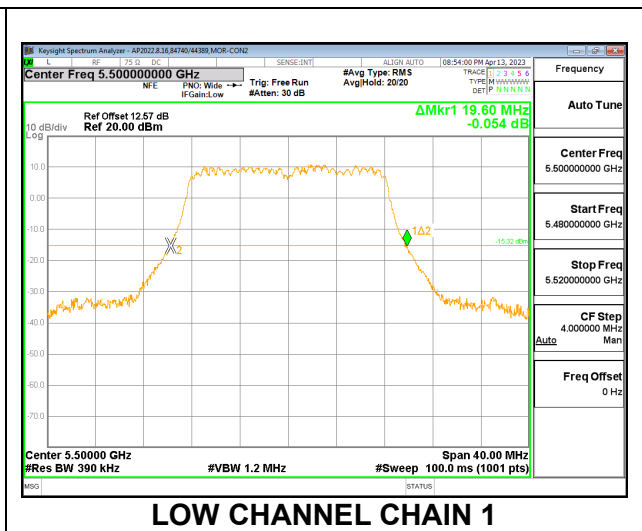**MID CHANNEL CHAIN 0**   **MID CHANNEL CHAIN 1**

9.2.17.   802.11a MODE IN THE 5.6 GHz BAND

2TX CDD MODE

Channel	Frequency (MHz)	26 dB Bandwidth Chain 0 (MHz)	26 dB Bandwidth Chain 1 (MHz)
Low	5500	19.84	19.60
Mid	5580	19.60	19.68
High	5700	19.88	19.60
144	5720	15.12	14.84

LOW CHANNEL

LOW CHANNEL CHAIN 0

LOW CHANNEL CHAIN 1

MID CHANNEL

MID CHANNEL CHAIN 0

MID CHANNEL CHAIN 1

HIGH CHANNEL

HIGH CHANNEL CHAIN 0

HIGH CHANNEL CHAIN 1
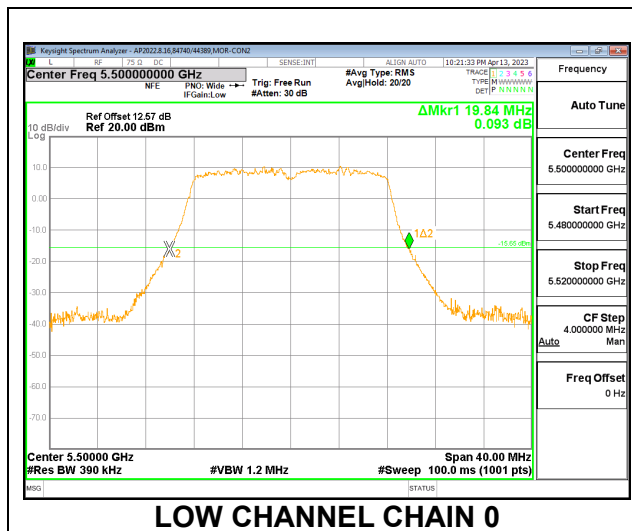
CHANNEL 144
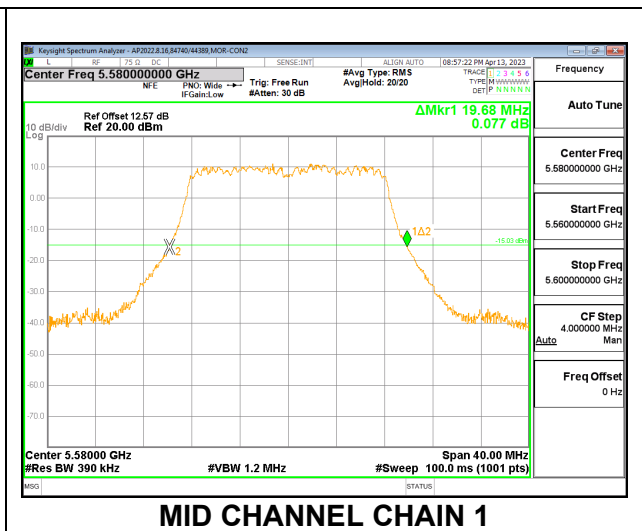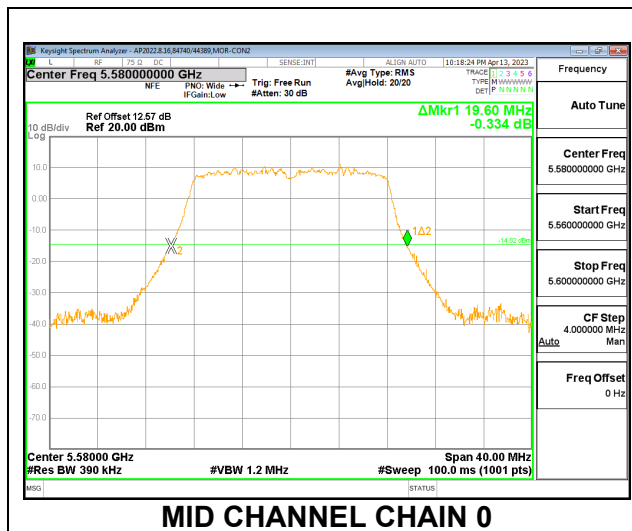
CHANNEL 144 CHAIN 0
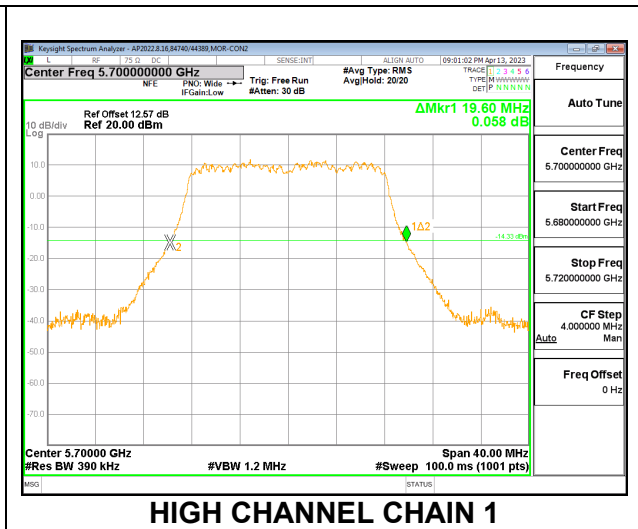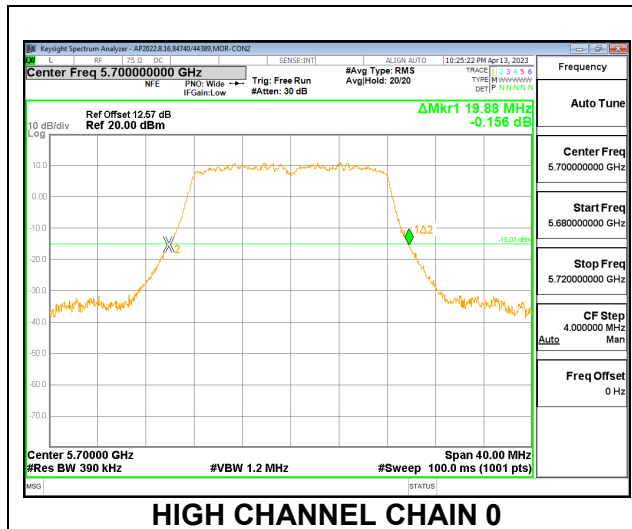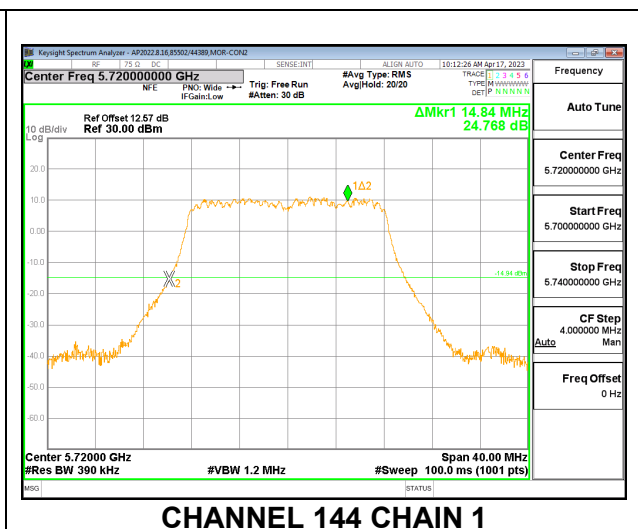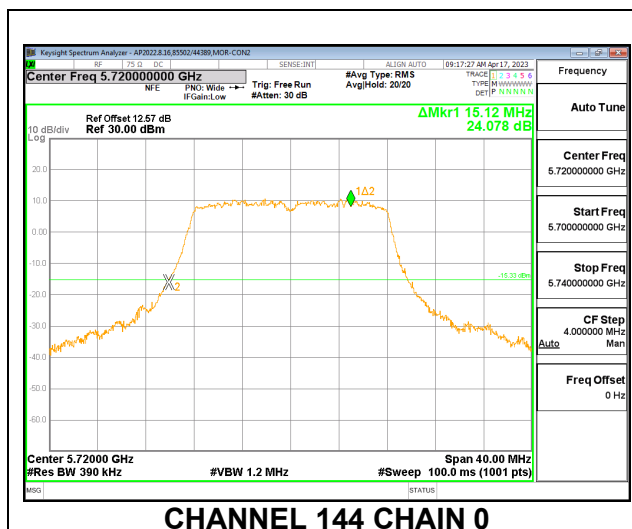
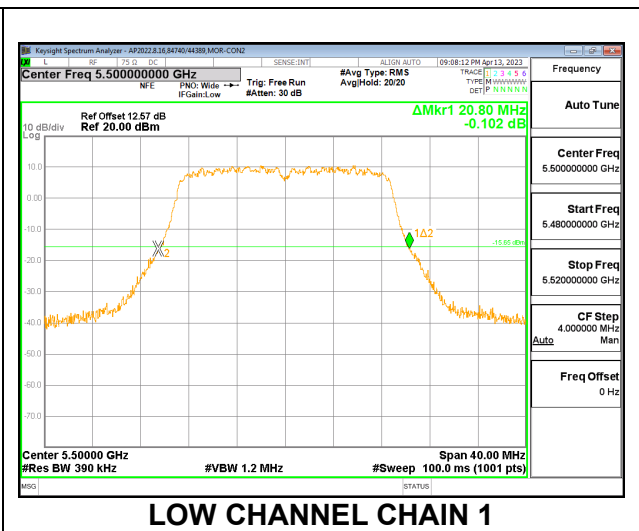### CHANNEL 144 CHAIN 1

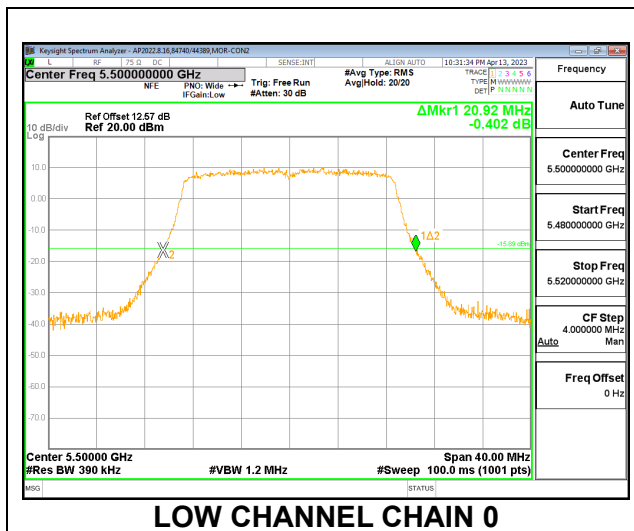## 9.2.18.   802.11n HT20 MODE IN THE 5.6 GHz BAND

2TX CDD MODE

Channel	Frequency (MHz)	26 dB Bandwidth Chain 0 (MHz)	26 dB Bandwidth Chain 1 (MHz)
Low	5500	20.92	20.80
Mid	5580	20.92	20.72
High	5700	20.88	20.68
144	5720	15.56	15.48

LOW CHANNEL

LOW CHANNEL CHAIN 0	LOW CHANNEL CHAIN 1

MID CHANNEL

MID CHANNEL CHAIN 0	MID CHANNEL CHAIN 1

HIGH CHANNEL

HIGH CHANNEL CHAIN 0

HIGH CHANNEL CHAIN 1

CHANNEL 144
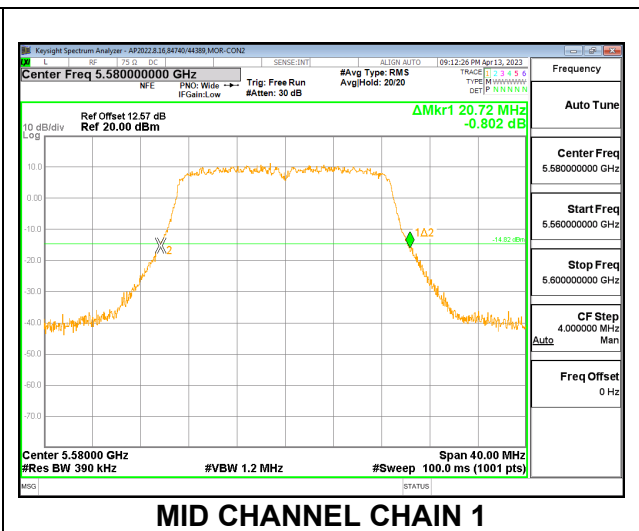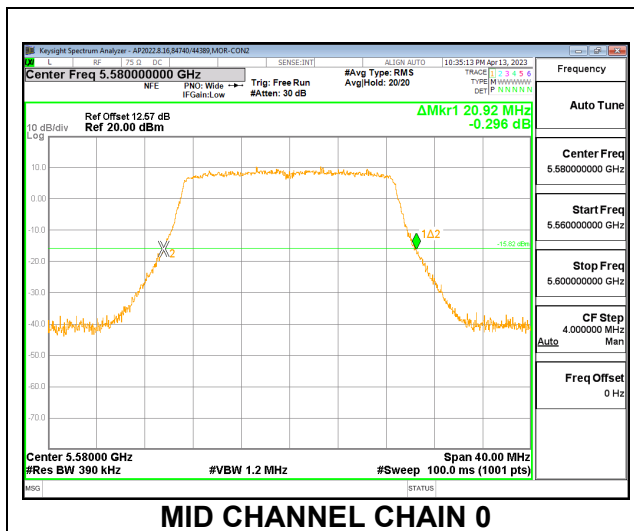
CHANNEL 144 CHAIN 0
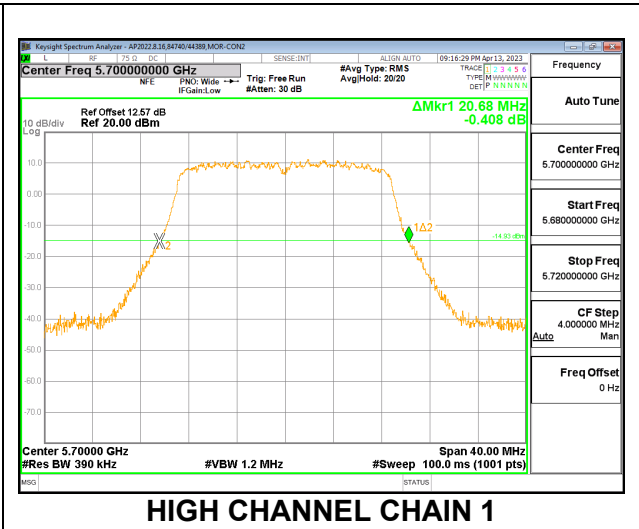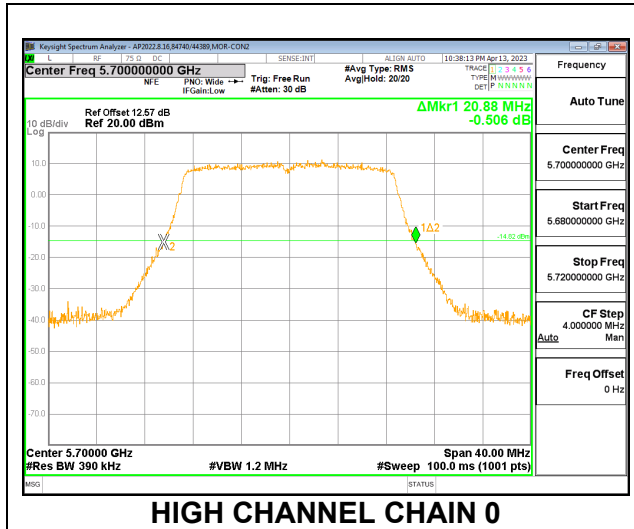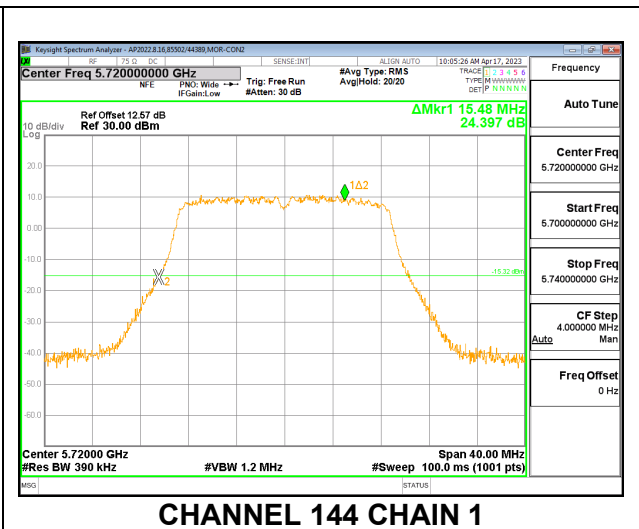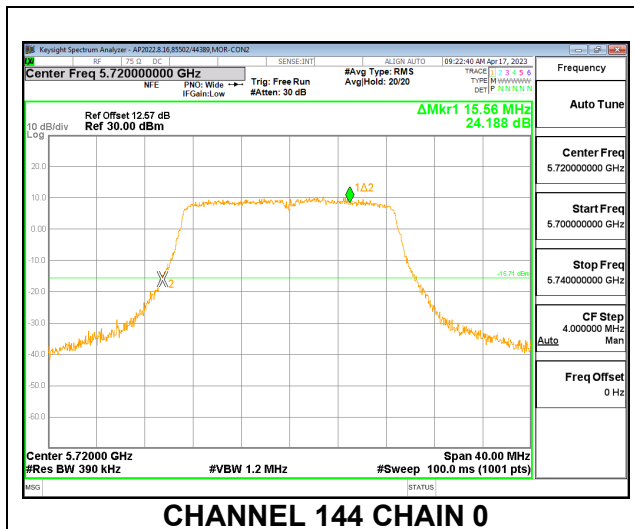
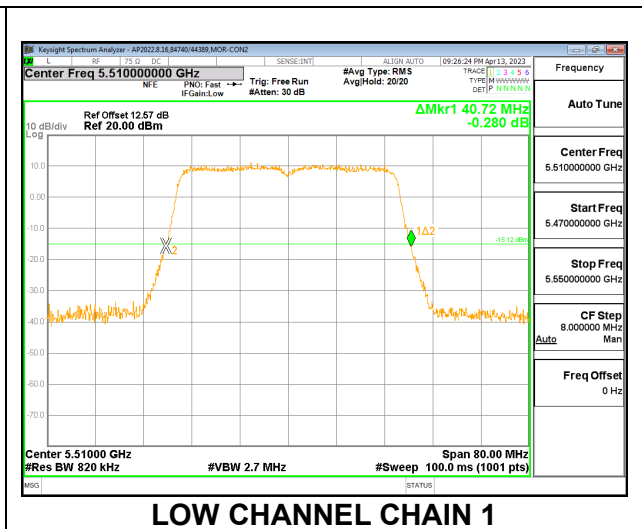
CHANNEL 144 CHAIN 1

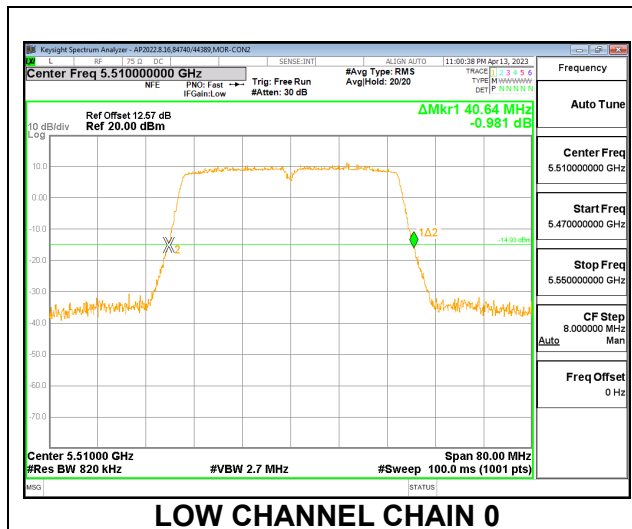## 9.2.19.   802.11n HT40 MODE IN THE 5.6 GHz BAND

2TX CDD MODE

Channel	Frequency (MHz)	26 dB Bandwidth Chain 0 (MHz)	26 dB Bandwidth Chain 1 (MHz)
Low	5510	40.64	40.72
Mid	5550	40.80	40.72
High	5670	40.80	40.48
142	5710	35.40	35.48

LOW CHANNEL

LOW CHANNEL CHAIN 0

LOW CHANNEL CHAIN 1

MID CHANNEL

MID CHANNEL CHAIN 0

MID CHANNEL CHAIN 1

HIGH CHANNEL

HIGH CHANNEL CHAIN 0
HIGH CHANNEL CHAIN 1

CHANNEL 142

CHANNEL 142 CHAIN 0
CHANNEL 142 CHAIN 1

UL LLC

12 Laboratory Drive, Research Triangle Park, NC 27709; USA   TEL:(919)549-1400

This report shall not be reproduced except in full, without the written approval of UL LLC
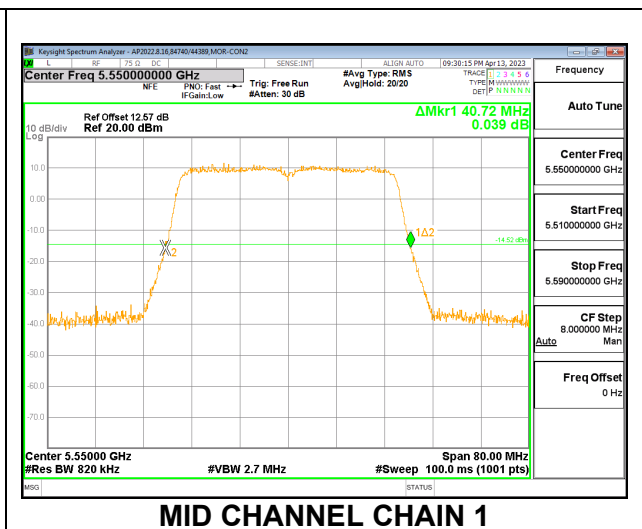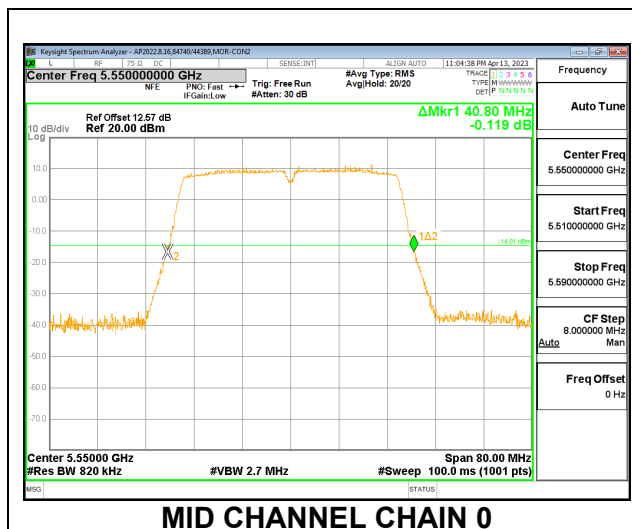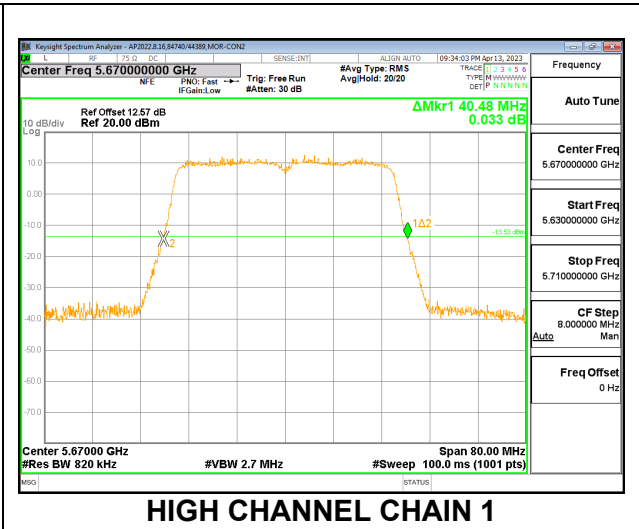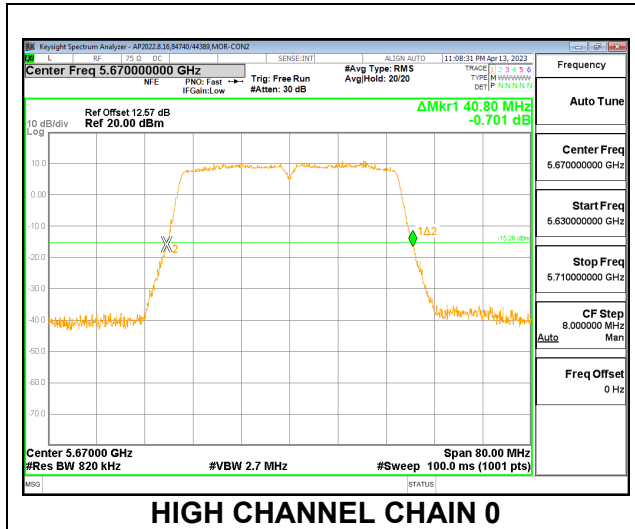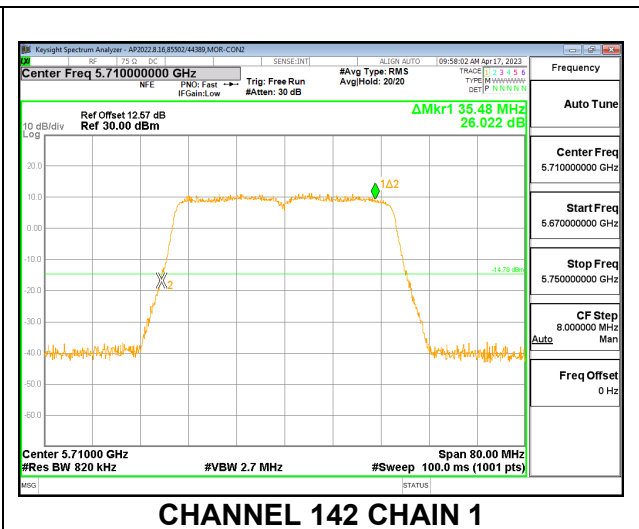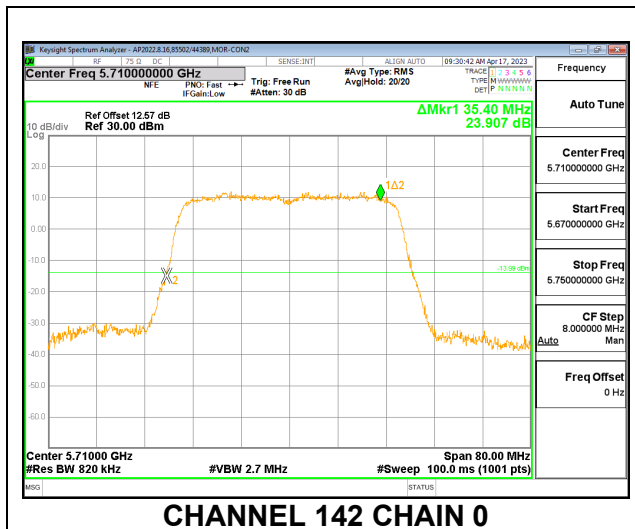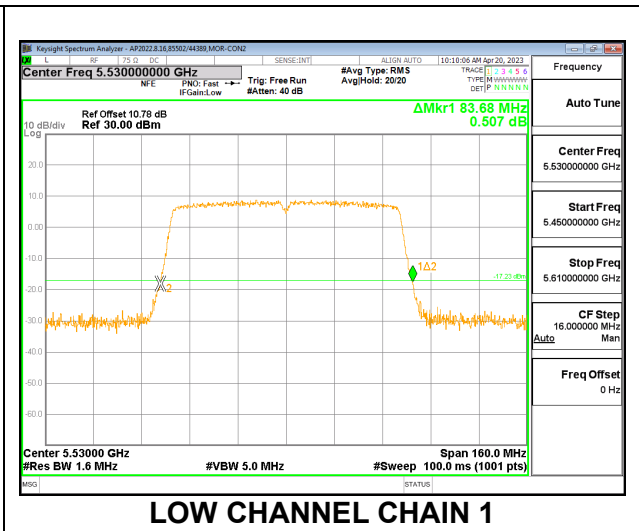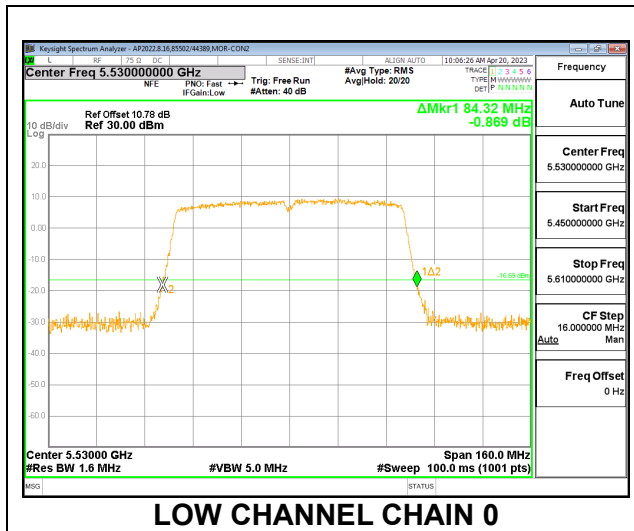
9.2.20.   802.11ac VHT80 MODE IN THE 5.6 GHz BAND

2TX CDD MODE

Channel	Frequency (MHz)	26 dB Bandwidth Chain 0 (MHz)	26 dB Bandwidth Chain 1 (MHz)
Low	5530	84.32	83.68
High	5610	83.84	83.68
138	5690	77.08	76.60

LOW CHANNEL

LOW CHANNEL CHAIN 0

LOW CHANNEL CHAIN 1

HIGH CHANNEL

HIGH CHANNEL CHAIN 0

HIGH CHANNEL CHAIN 1

CHANNEL 138

CHANNEL 138 CHAIN 0

CHANNEL 138 CHAIN 1
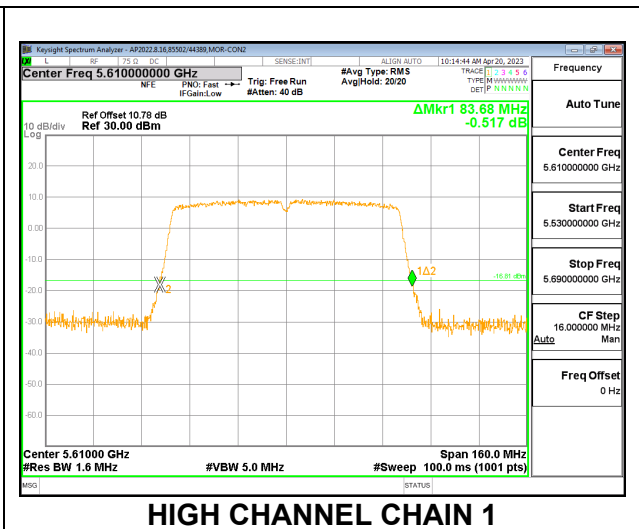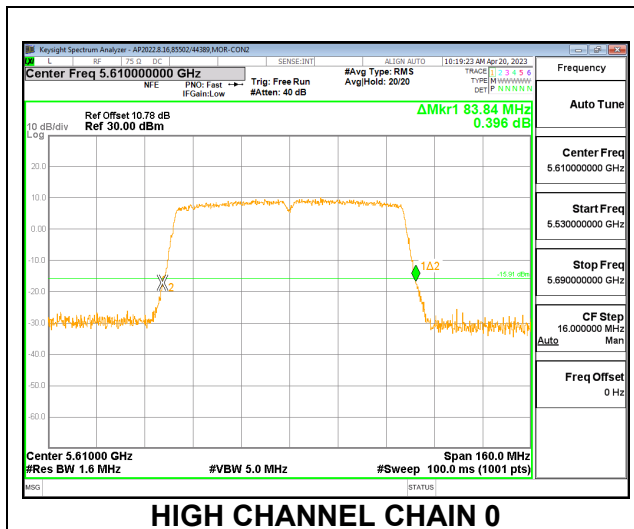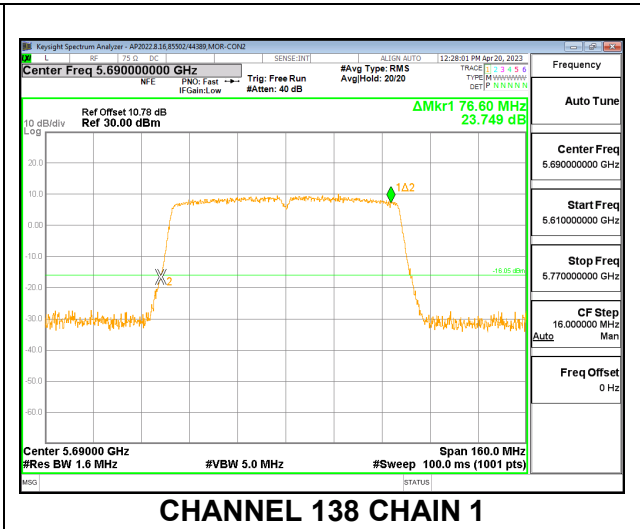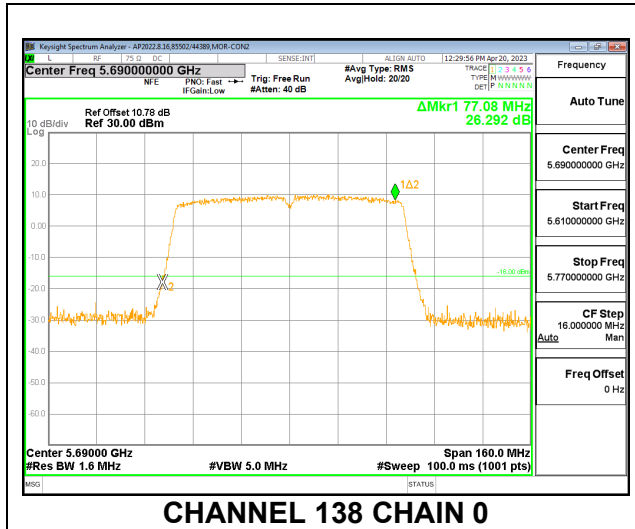
9.2.1. 802.11ac VHT160 MODE IN THE 5.6 GHz BAND

2TX CDD MODE
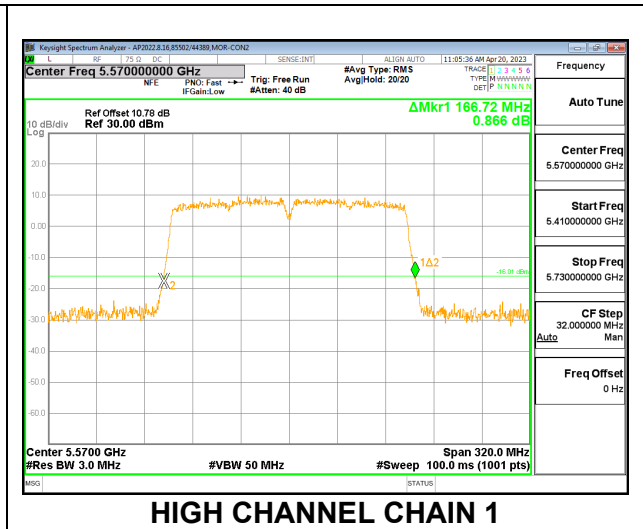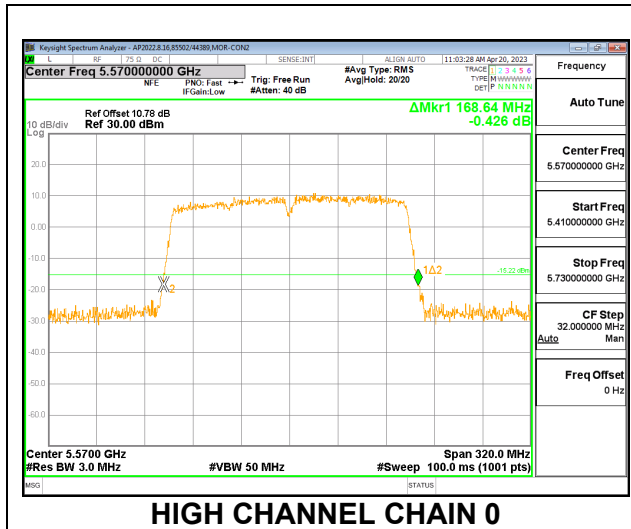
Channel	Frequency (MHz)	26 dB Bandwidth Antenna 1 (MHz)	26 dB Bandwidth Antenna 2 (MHz)
High	5570	168.64	166.72

MID CHANNEL

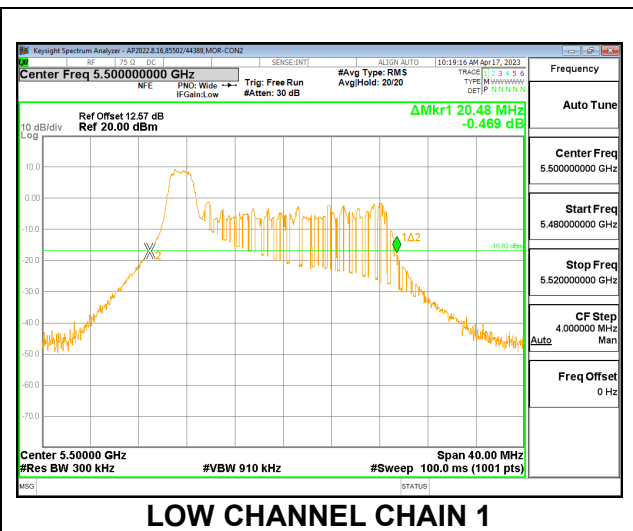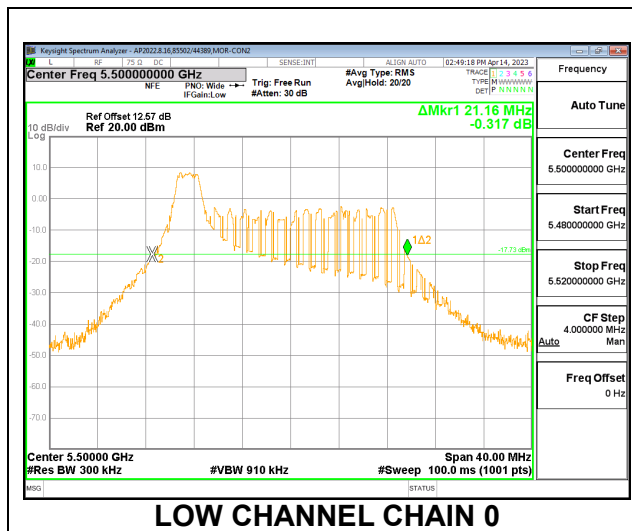**HIGH CHANNEL CHAIN 0**

HIGH CHANNEL CHAIN 1

9.2.2. 802.11ax HE20 MODE IN THE 5.6 GHz BAND

2TX CDD MODE – 26T

Channel	Frequency (MHz)	26 dB Bandwidth Chain 0 (MHz)	26 dB Bandwidth Chain 1 (MHz)
Low	5500	21.16	20.48
Mid	5580	19.24	18.76
High	5700	20.76	20.20
144	5720	16.44	16.02

LOW CHANNEL
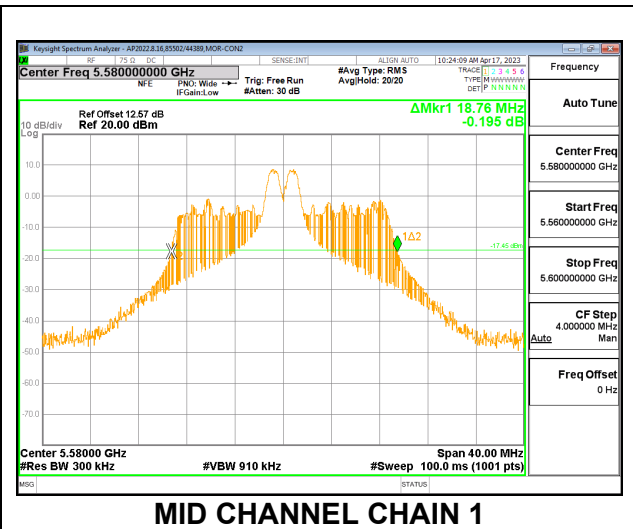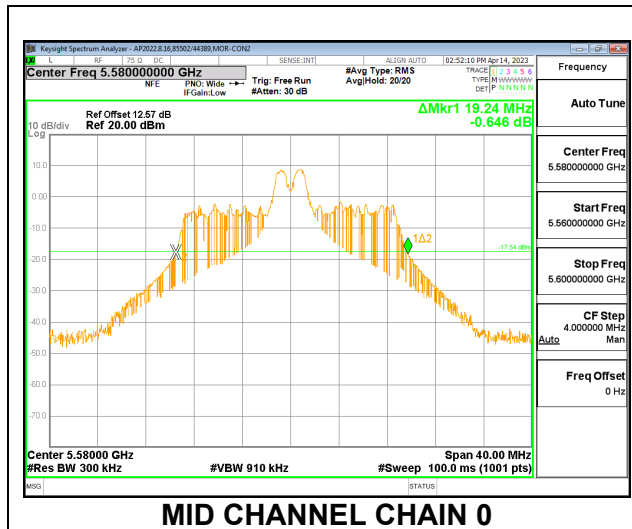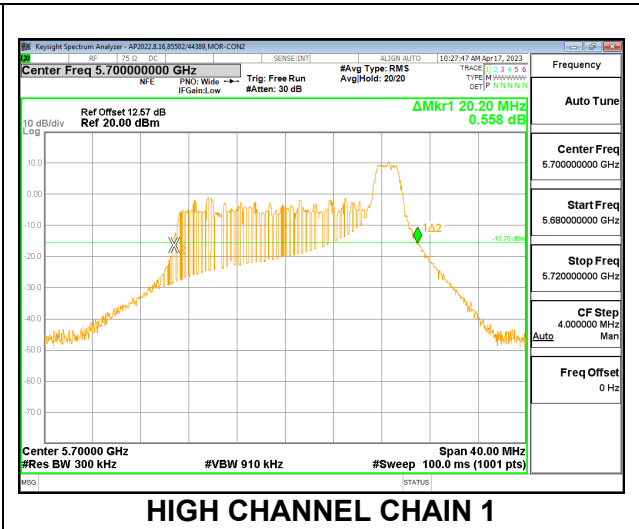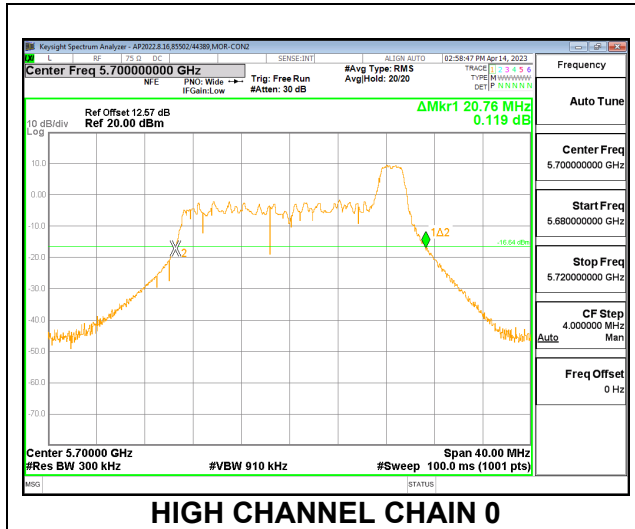
LOW CHANNEL CHAIN 0

LOW CHANNEL CHAIN 1

MID CHANNEL

MID CHANNEL CHAIN 0

MID CHANNEL CHAIN 1

Page 68 of 614

HIGH CHANNEL

HIGH CHANNEL CHAIN 0

HIGH CHANNEL CHAIN 1

CHANNEL 144

CHANNEL 144 CHAIN 0

CHANNEL 144 CHAIN 1
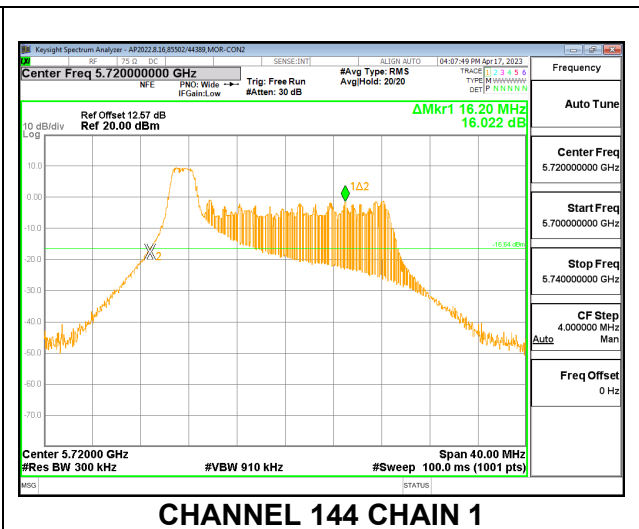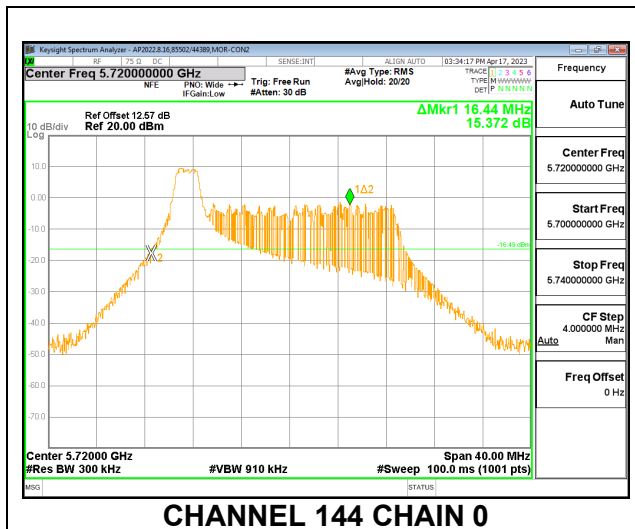
2TX CDD MODE – 52T

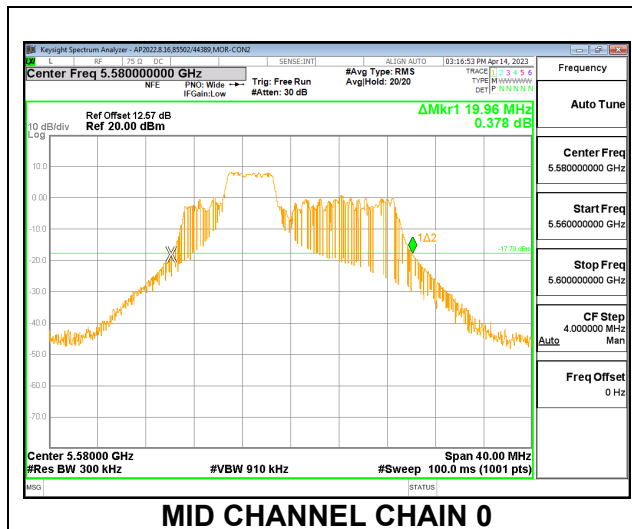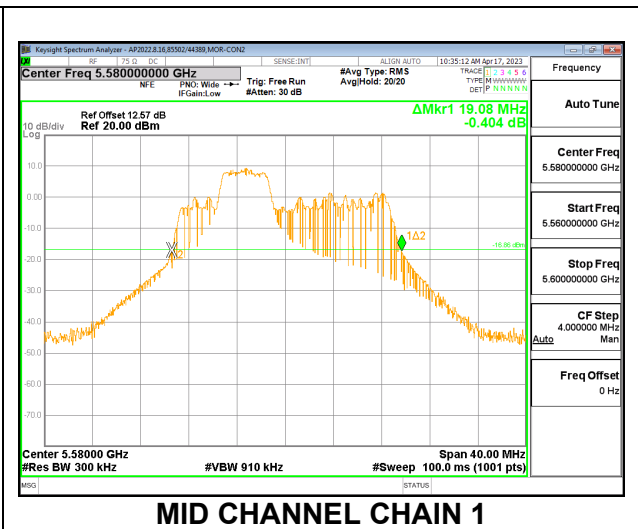| Channel	Frequency (MHz)	26 dB Bandwidth Chain 0 (MHz)	26 dB Bandwidth Chain 1 (MHz)
Low	5500	21.76	20.72
Mid	5580	19.96	19.08
High	5700	21.16	20.44
144	5720	16.68	16.12

LOW CHANNEL
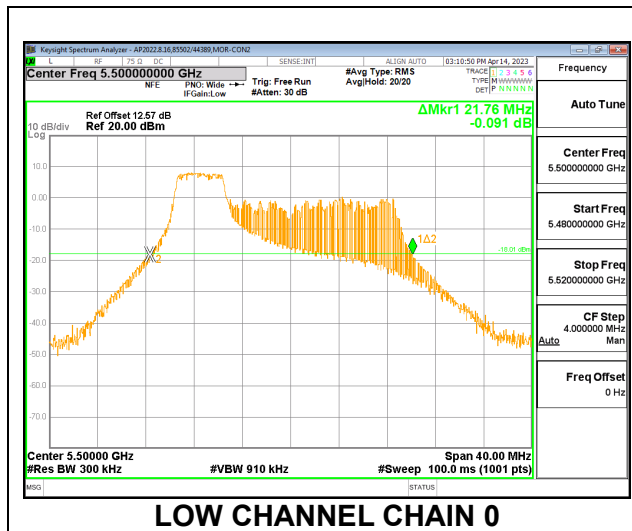
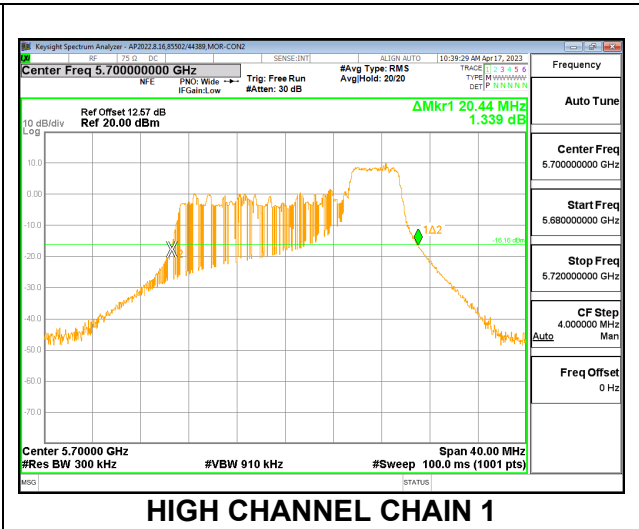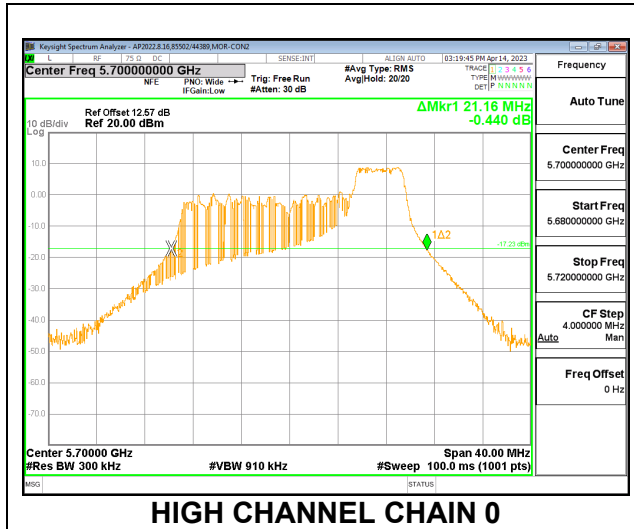
LOW CHANNEL CHAIN 0
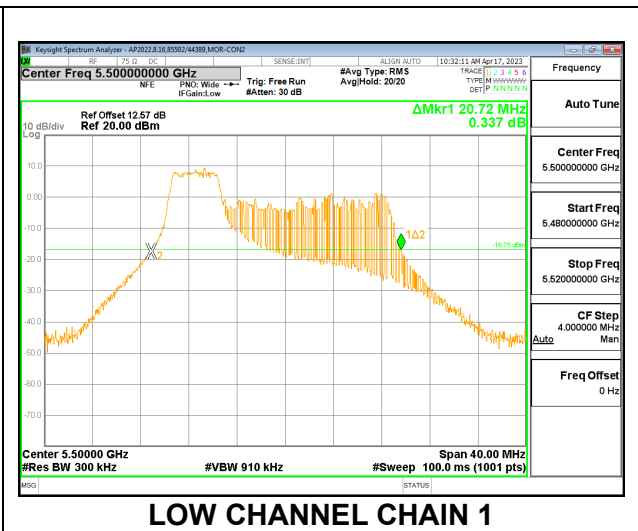
LOW CHANNEL CHAIN 1
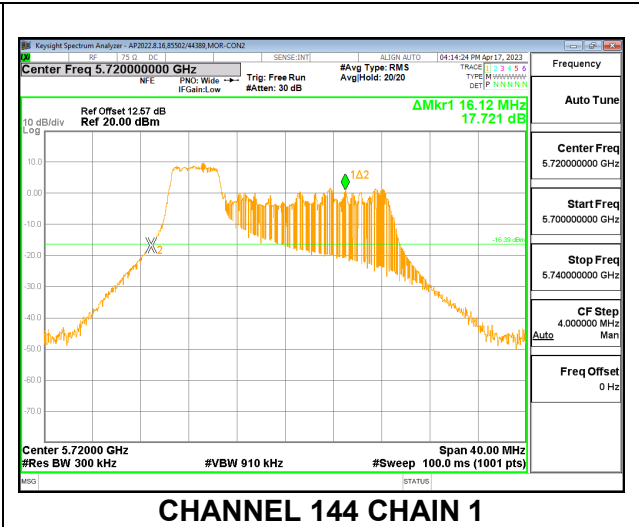
MID CHANNEL

MID CHANNEL CHAIN 0
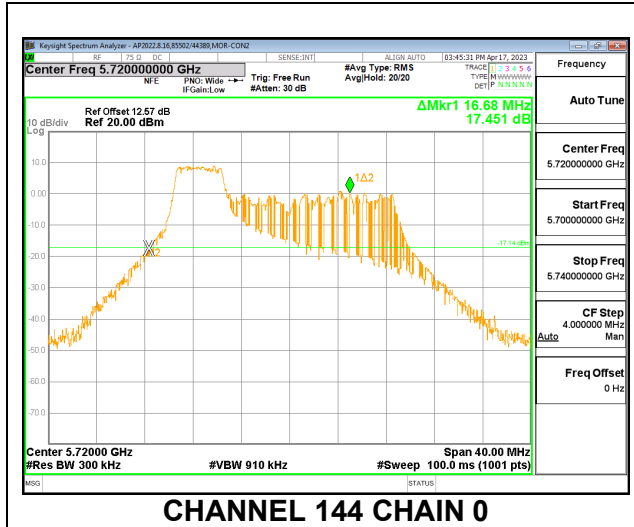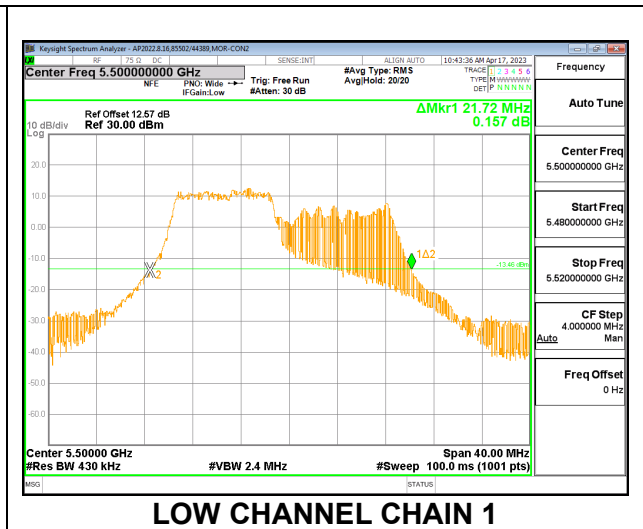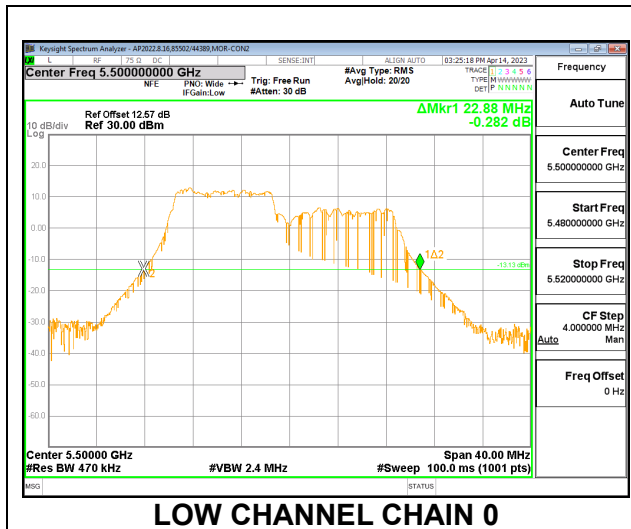

MID CHANNEL CHAIN 1

HIGH CHANNEL

HIGH CHANNEL CHAIN 0

HIGH CHANNEL CHAIN 1

CHANNEL 144

CHANNEL 144 CHAIN 0

CHANNEL 144 CHAIN 1

2TX CDD MODE – 106T

Channel	Frequency	26 dB Bandwidth Chain 0	26 dB Bandwidth Chain 1
	(MHz)	(MHz)	(MHz)
Low	5500	22.88	21.72
Mid	5580	22.80	22.40
High	5700	22.16	21.64
144	5720	17.24	16.80

LOW CHANNEL
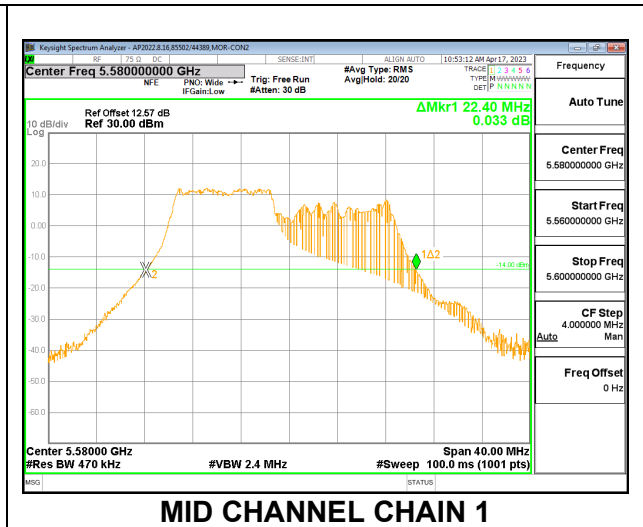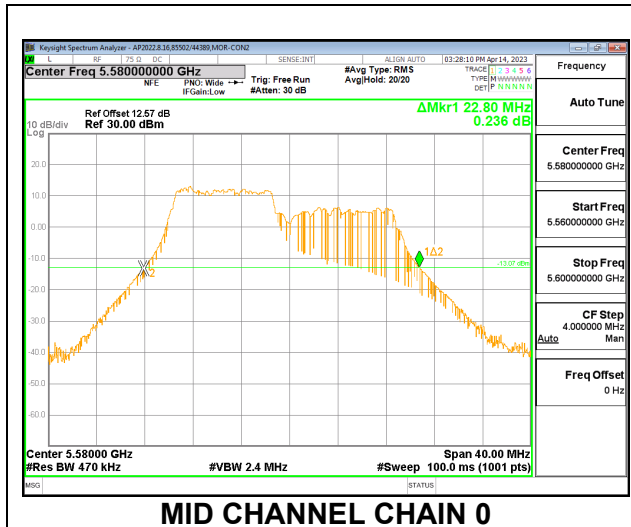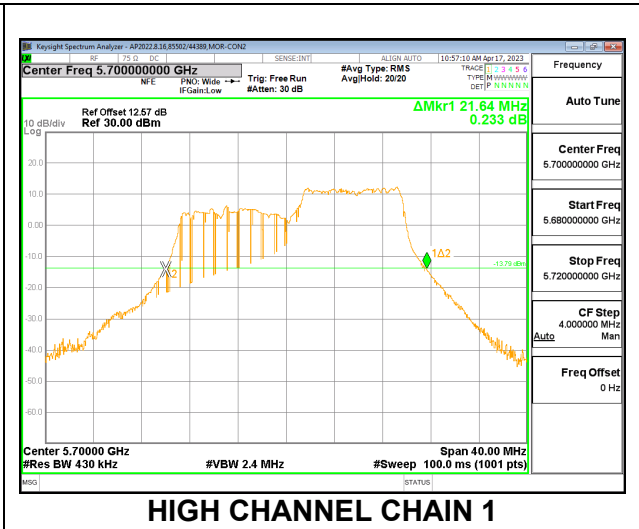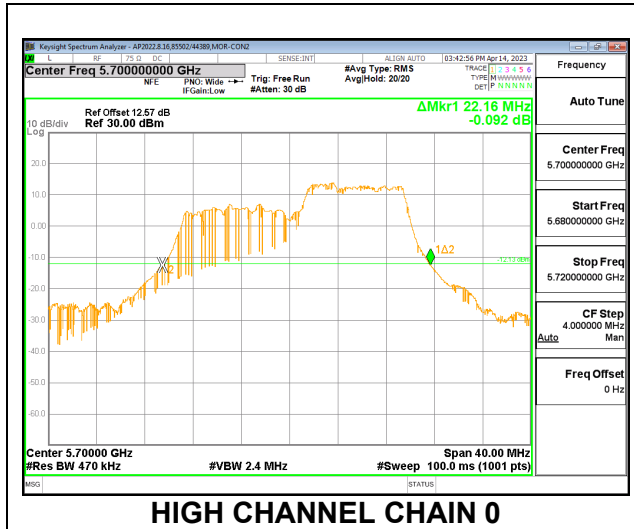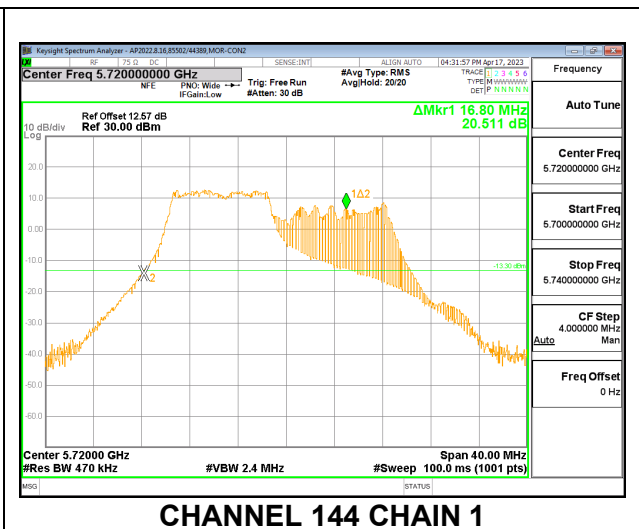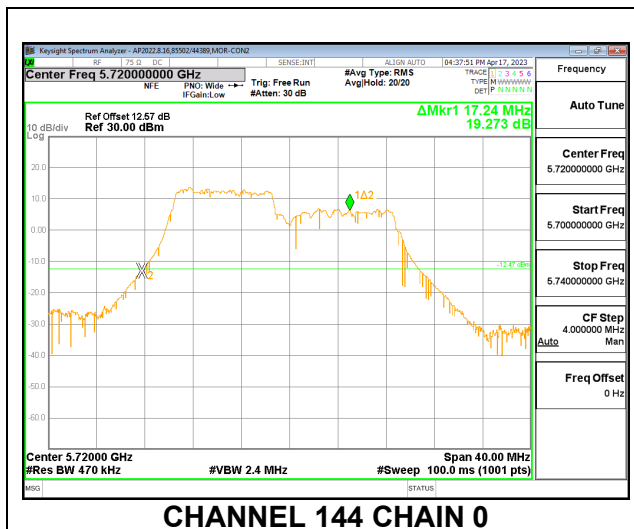
LOW CHANNEL CHAIN 0

LOW CHANNEL CHAIN 1

MID CHANNEL

MID CHANNEL CHAIN 0

MID CHANNEL CHAIN 1

HIGH CHANNEL

HIGH CHANNEL CHAIN 0

HIGH CHANNEL CHAIN 1

CHANNEL 144

CHANNEL 144 CHAIN 0

CHANNEL 144 CHAIN 1

2TX CDD MODE – 242T

Channel	Frequency (MHz)	26 dB Bandwidth Chain 0 (MHz)	26 dB Bandwidth Chain 1 (MHz)
Low	5500	23.92	23.48
Mid	5580	23.84	23.20
High	5700	23.76	23.16
144	5720	16.44	16.92

LOW CHANNEL
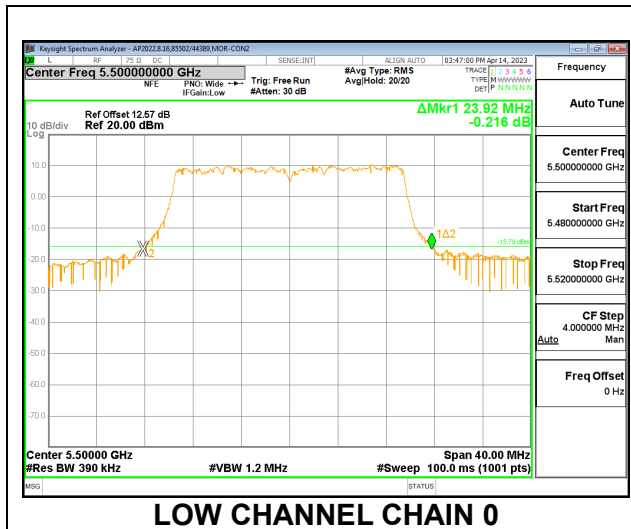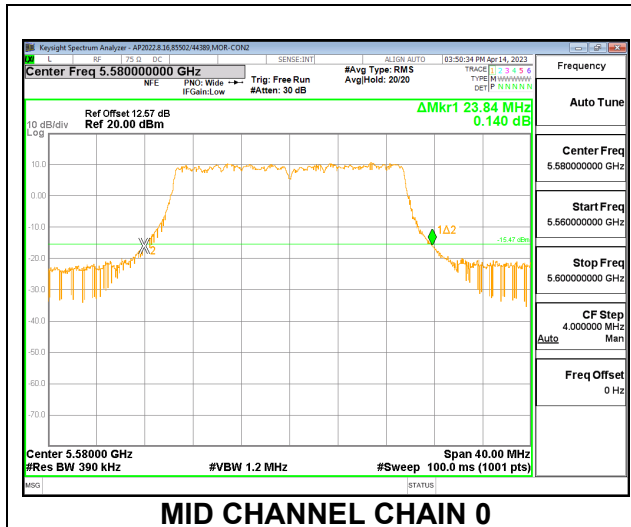

LOW CHANNEL CHAIN 0
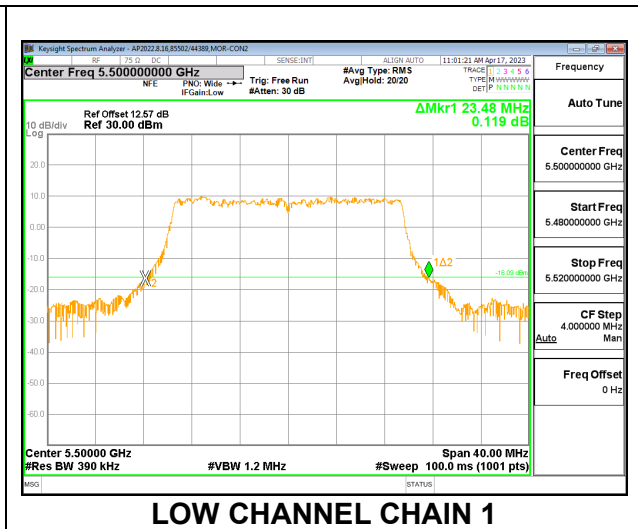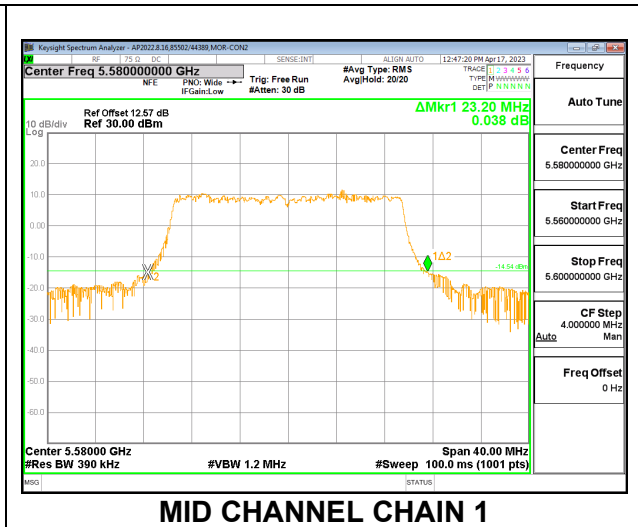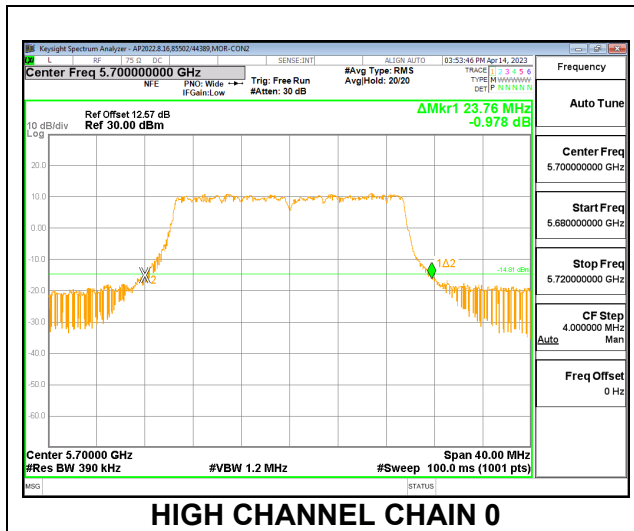
LOW CHANNEL CHAIN 1
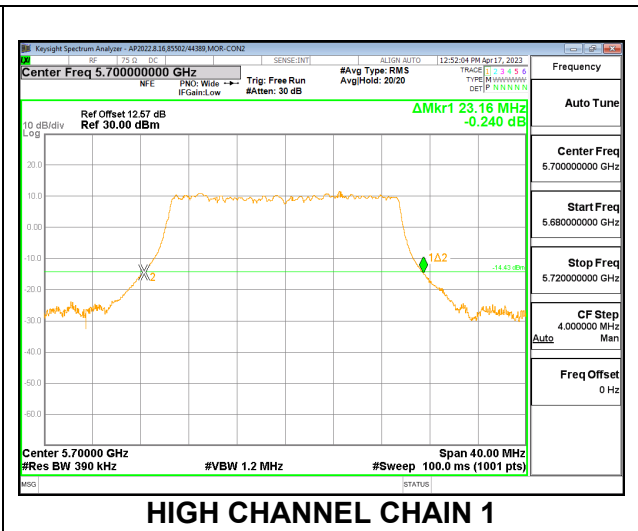
MID CHANNEL

MID CHANNEL CHAIN 0
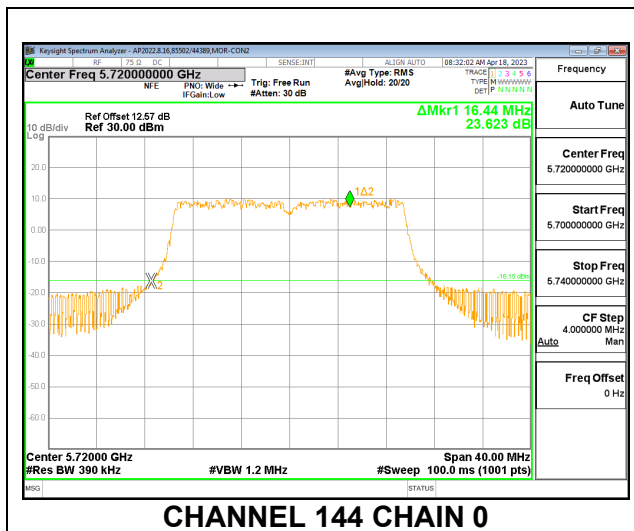
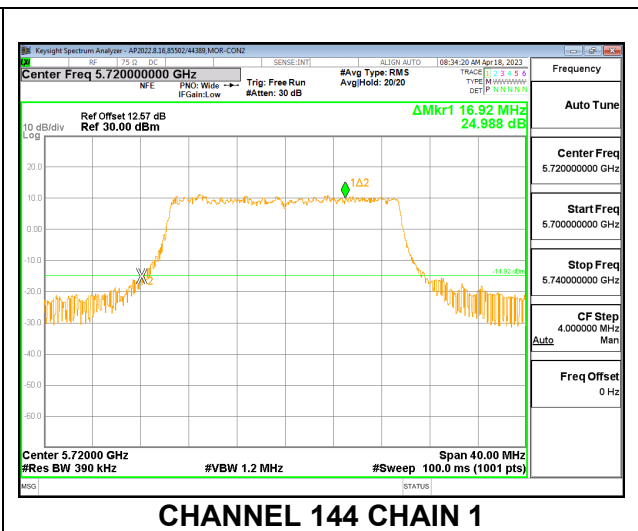**MID CHANNEL CHAIN 1**

HIGH CHANNEL

HIGH CHANNEL CHAIN 0

HIGH CHANNEL CHAIN 1

CHANNEL 144

CHANNEL 144 CHAIN 0

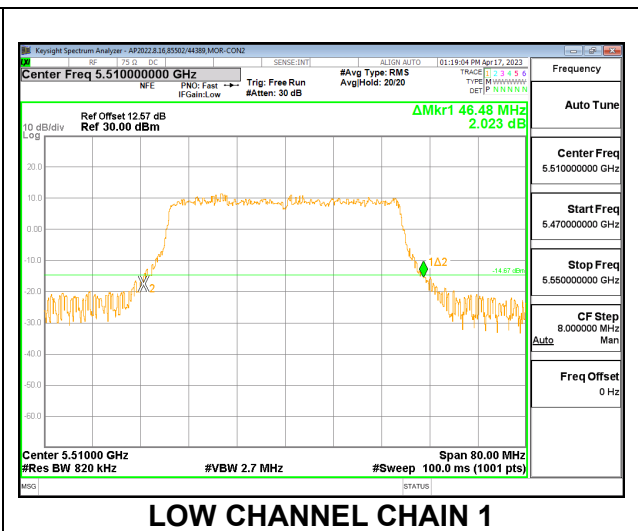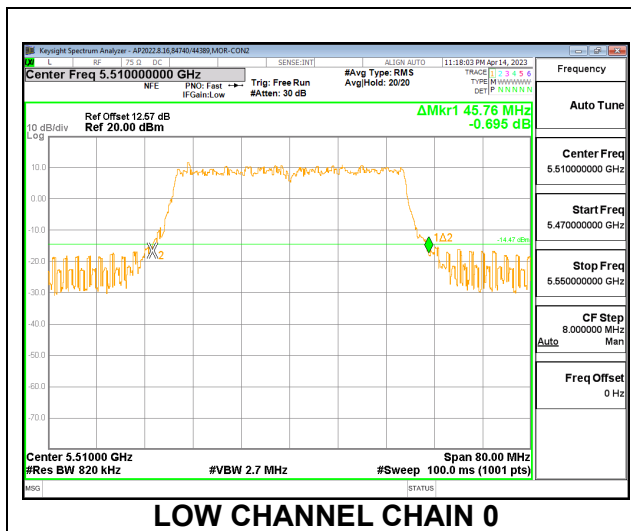**CHANNEL 144 CHAIN 1**

Page 75 of 614

9.2.3. 802.11ax HE40 MODE IN THE 5.6 GHz BAND

2TX CDD MODE – 484T

Channel	Frequency (MHz)	26 dB Bandwidth Chain 0 (MHz)	26 dB Bandwidth Chain 1 (MHz)
Low	5510	45.76	46.48
Mid	5550	46.88	46.48
High	5670	45.92	46.48
142	5710	38.28	38.52

LOW CHANNEL

LOW CHANNEL CHAIN 0

LOW CHANNEL CHAIN 1

MID CHANNEL

MID CHANNEL CHAIN 0

MID CHANNEL CHAIN 1