

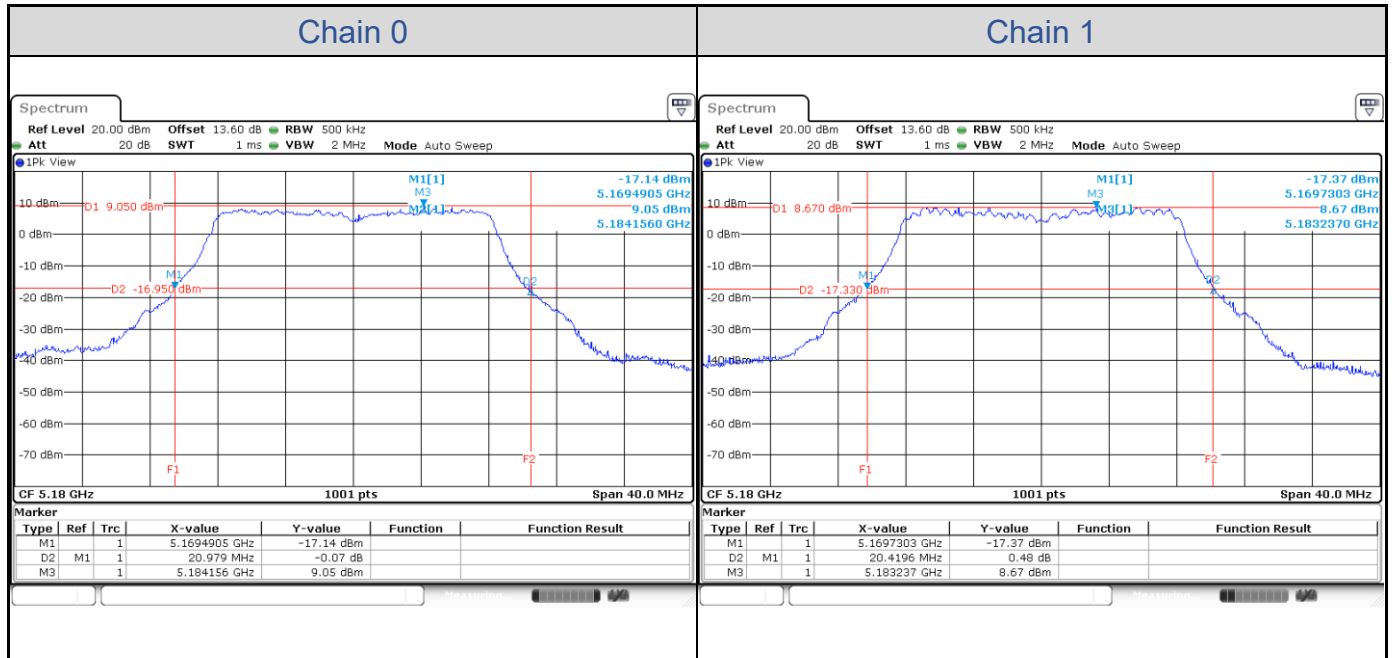
## Appendix D: Test Results of Conducted Test (PINE\_Dish antenna)

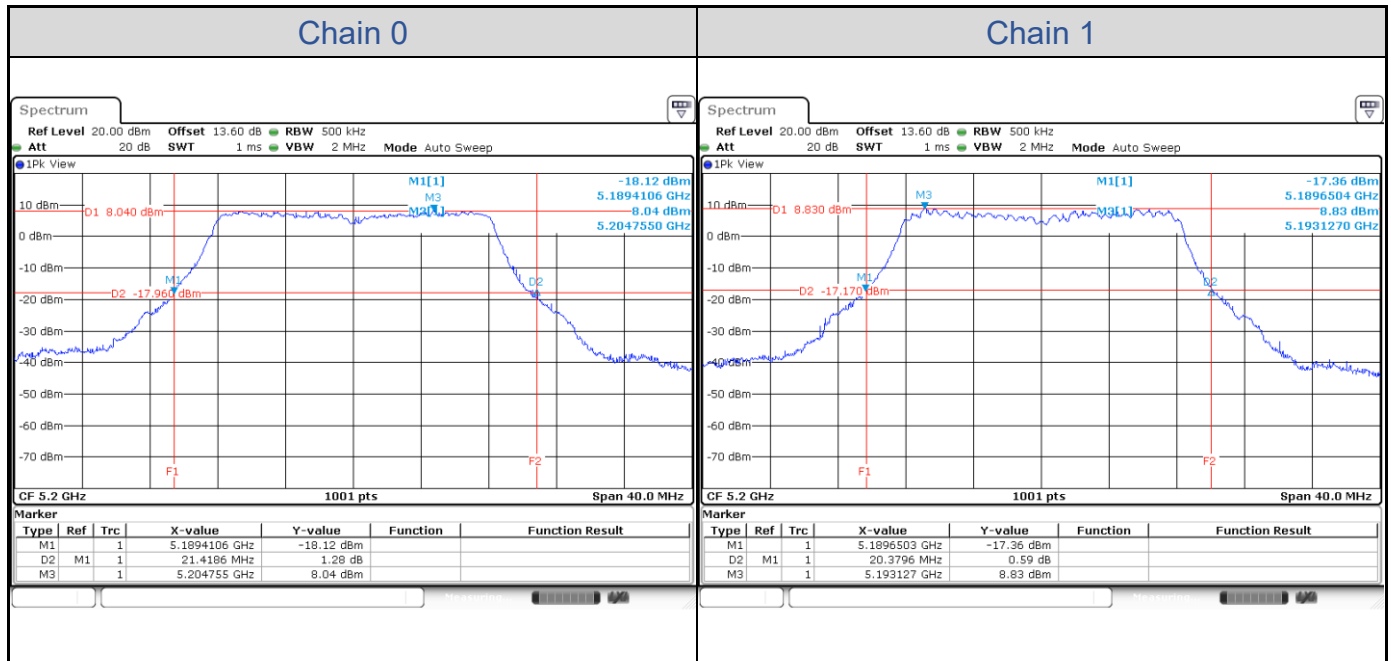
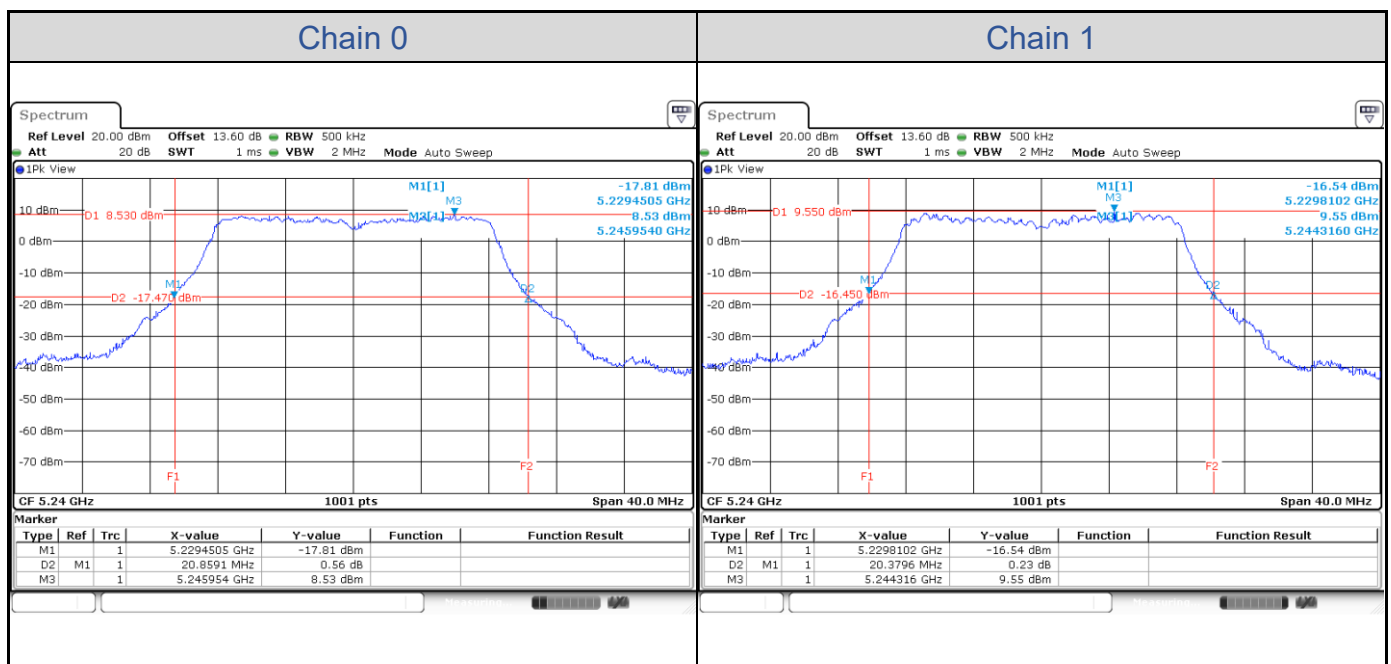
### Test Result of 26 dB Bandwidth

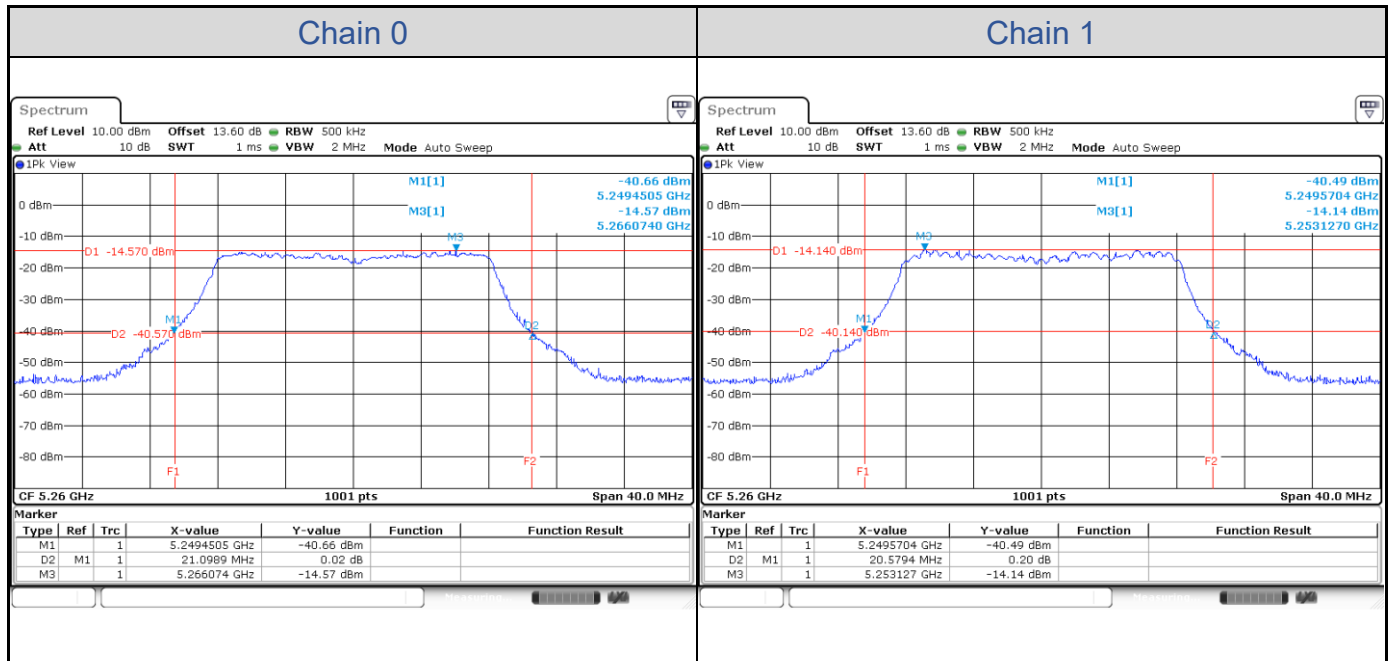
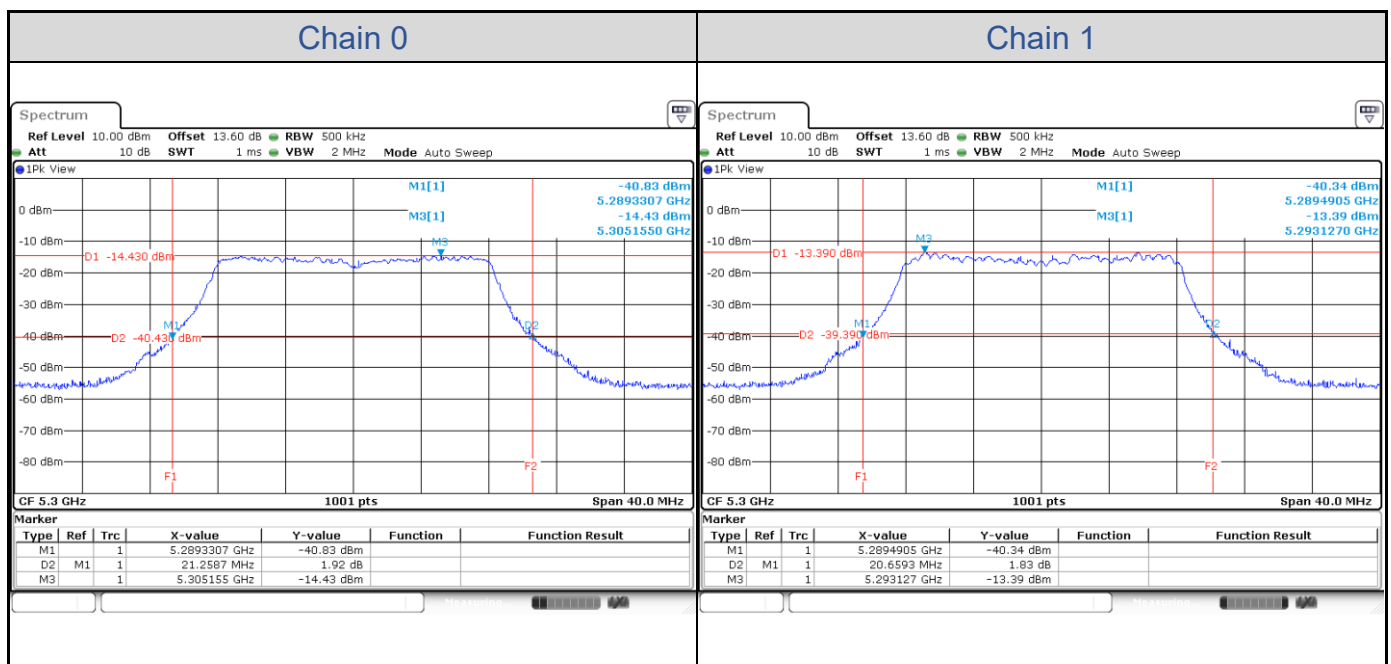
#### 802.11a

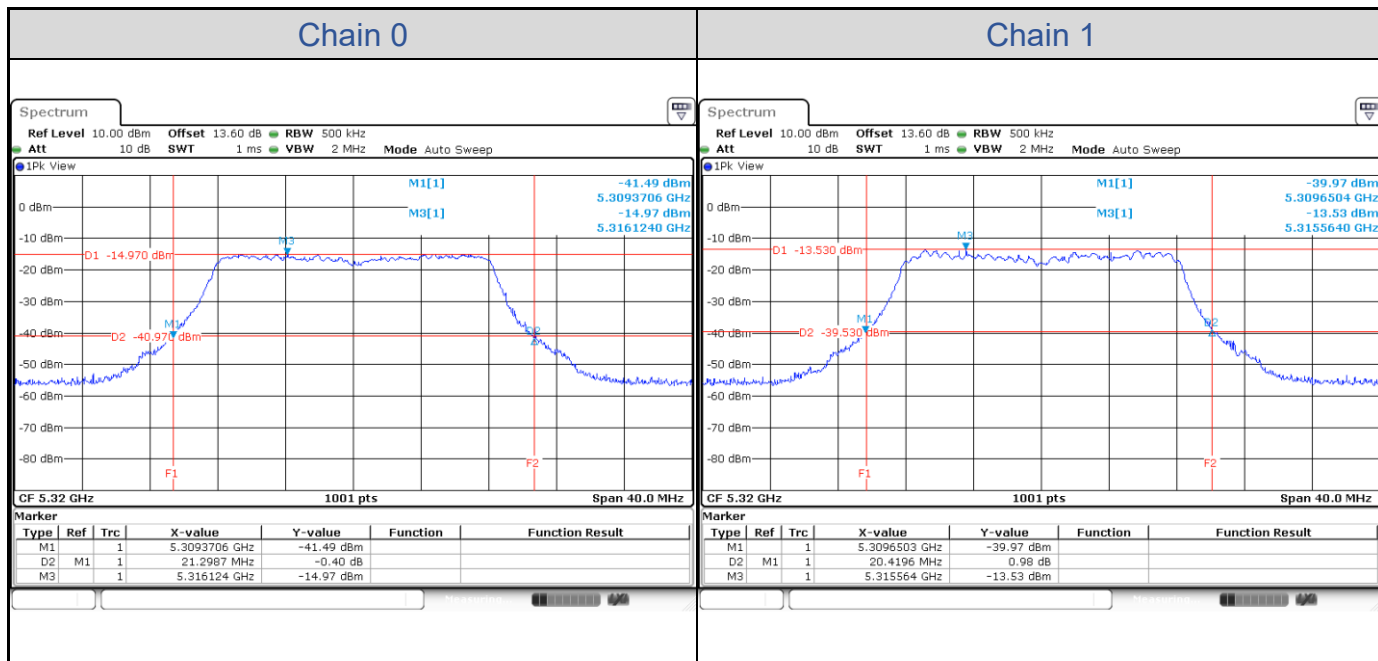
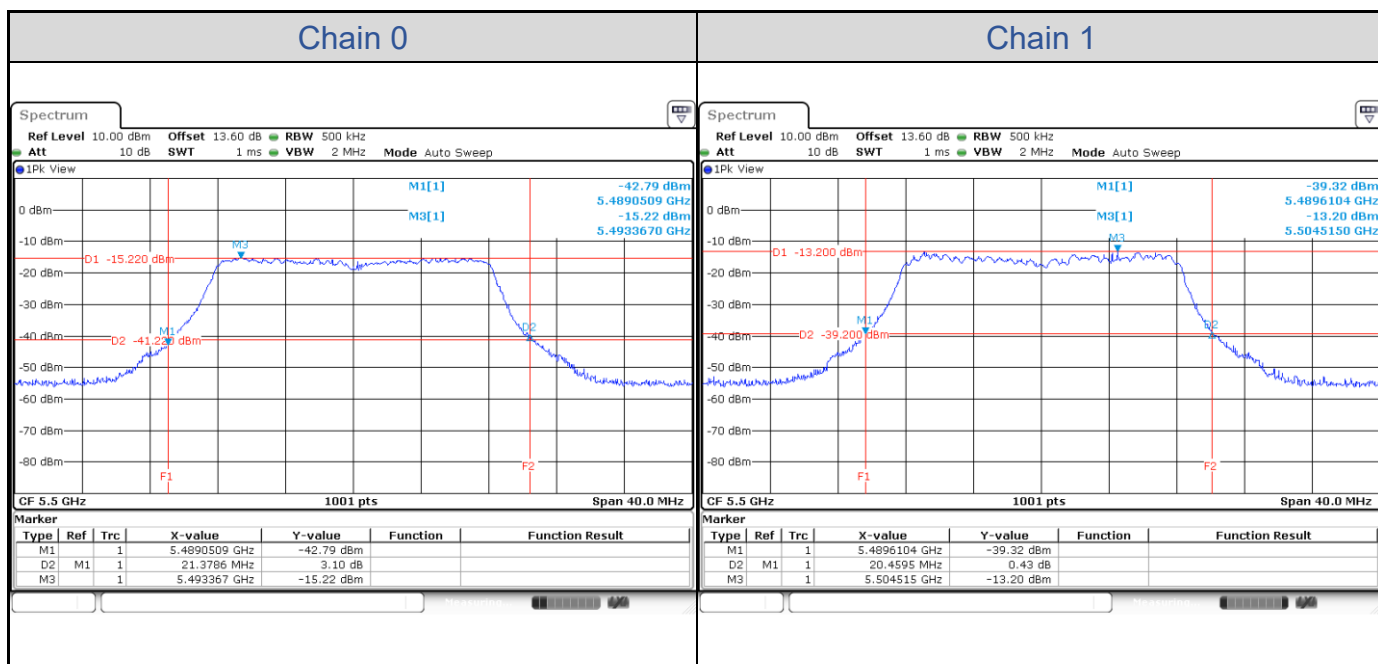
Band	Channel	Frequency (MHz)	26 dB Bandwidth (MHz)	
			Chain 0	Chain 1
U-NII-1	36	5180	20.98	20.42
	40	5200	21.42	20.38
	48	5240	20.86	20.38
U-NII-2A	52	5260	21.10	20.58
	60	5300	21.26	20.66
	64	5320	21.30	20.42
U-NII-2C	100	5500	21.38	20.46
	116	5580	21.06	20.62
	140	5700	21.10	20.50

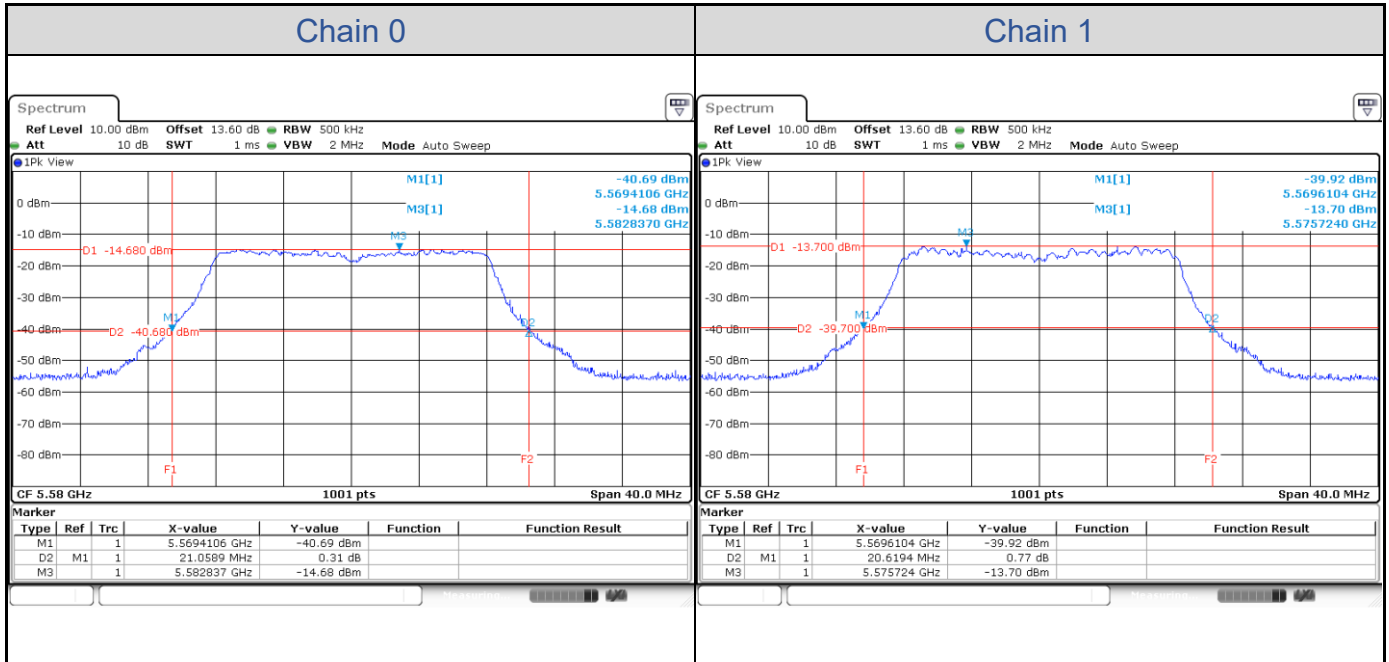
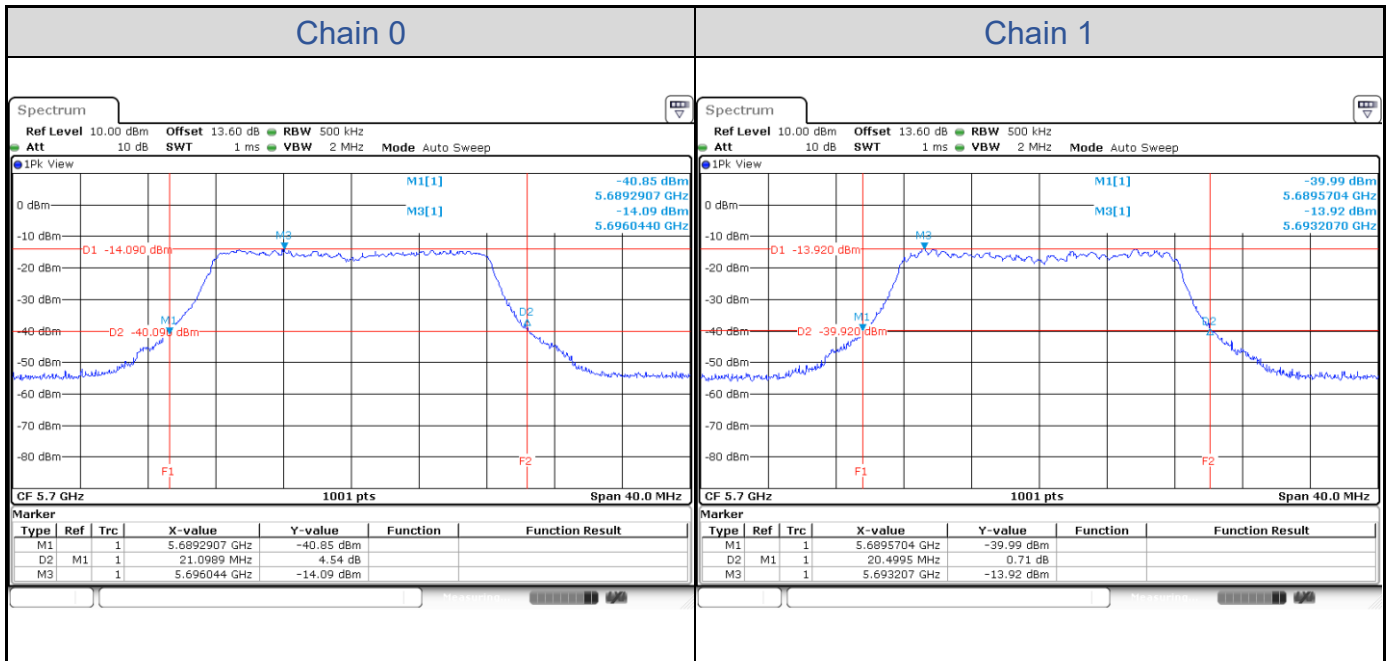
#### 802.11a-Channel 36



**802.11a-Channel 40**

**802.11a-Channel 48**


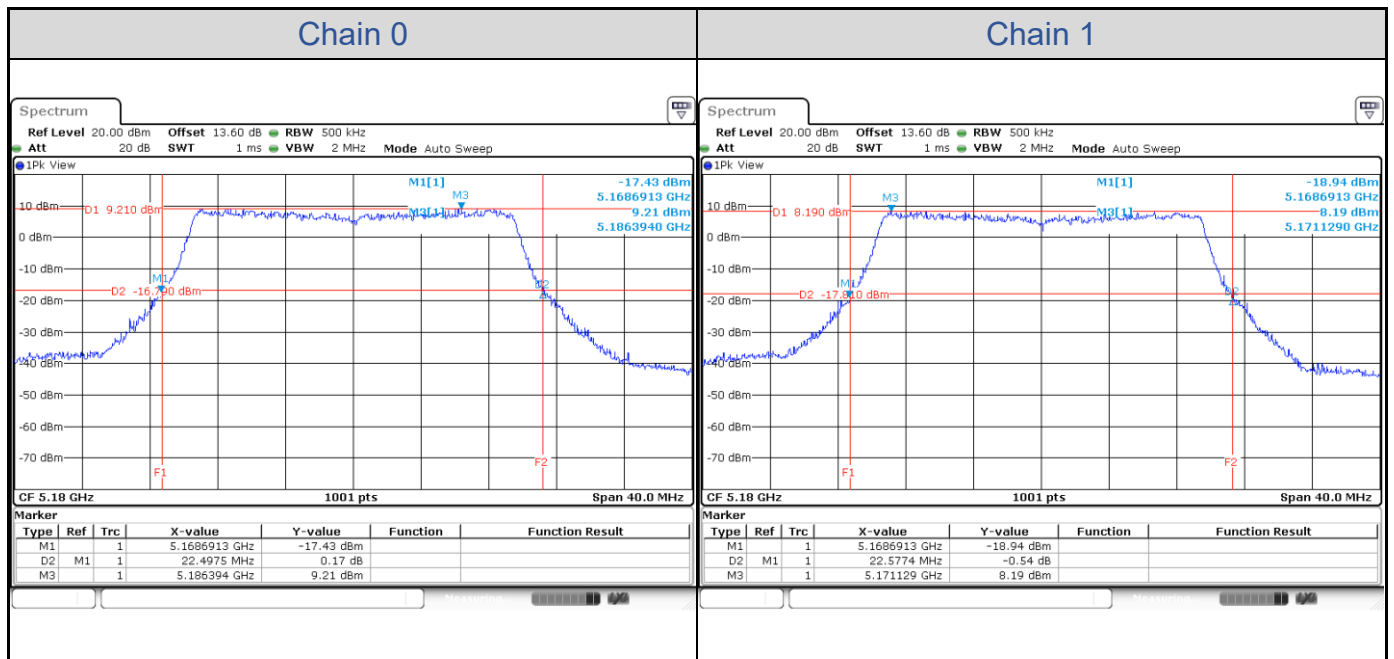
**802.11a-Channel 52**

**802.11a-Channel 60**


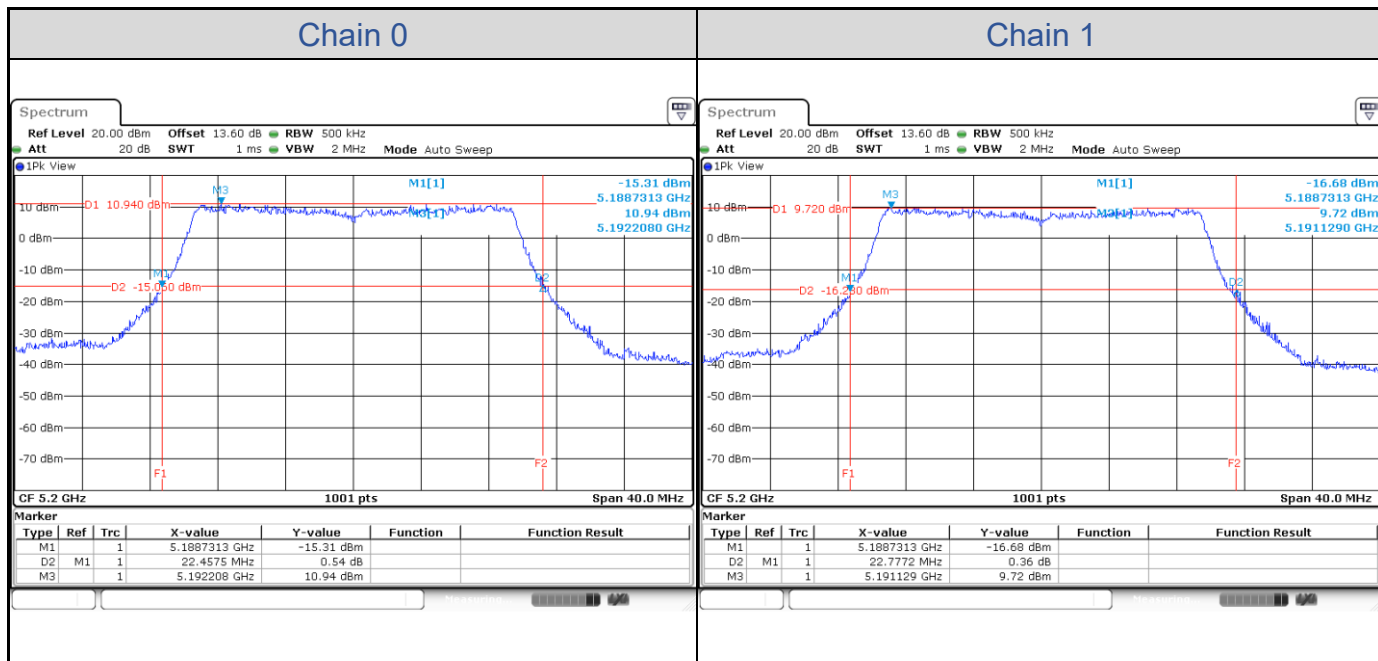
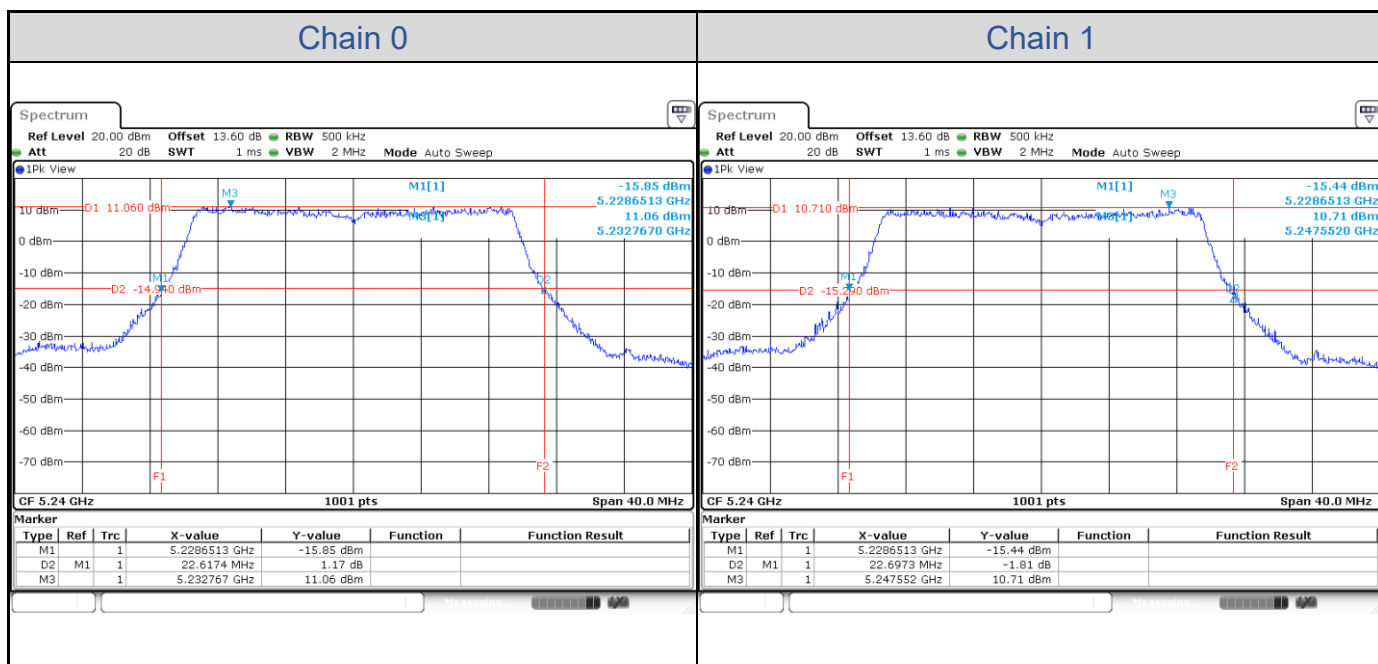
**802.11a-Channel 64**

**802.11a-Channel 100**


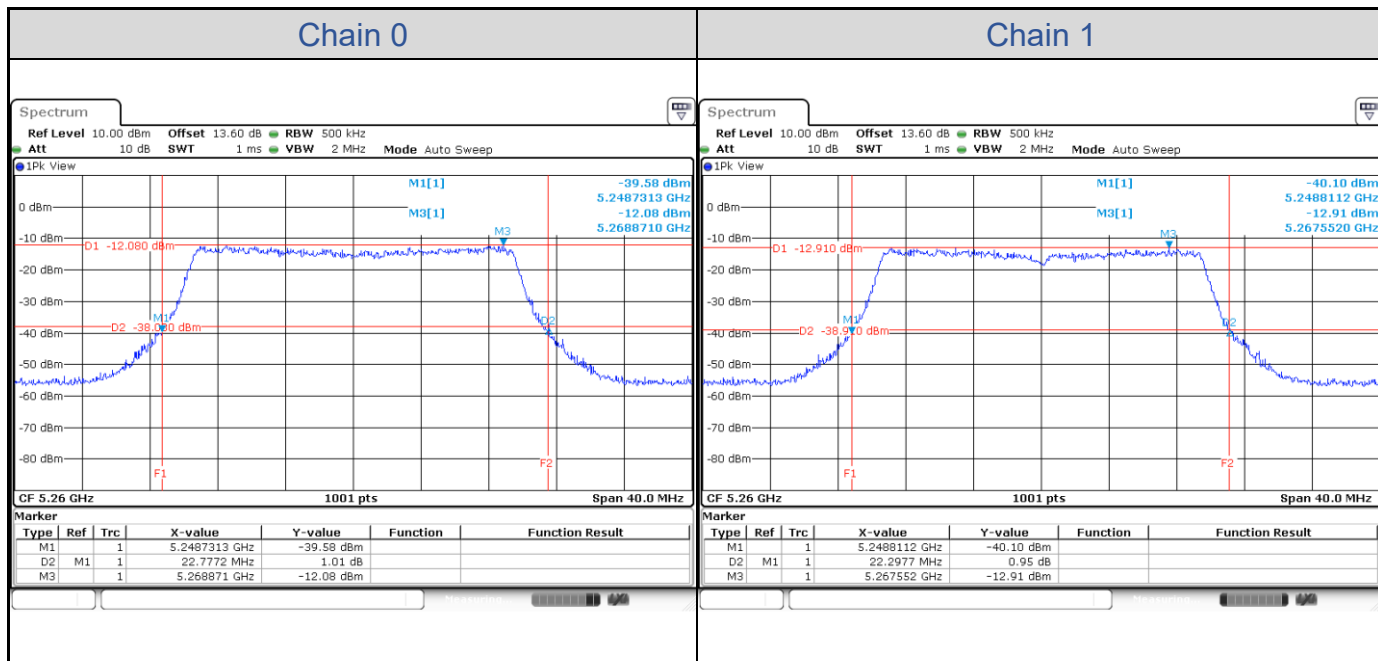
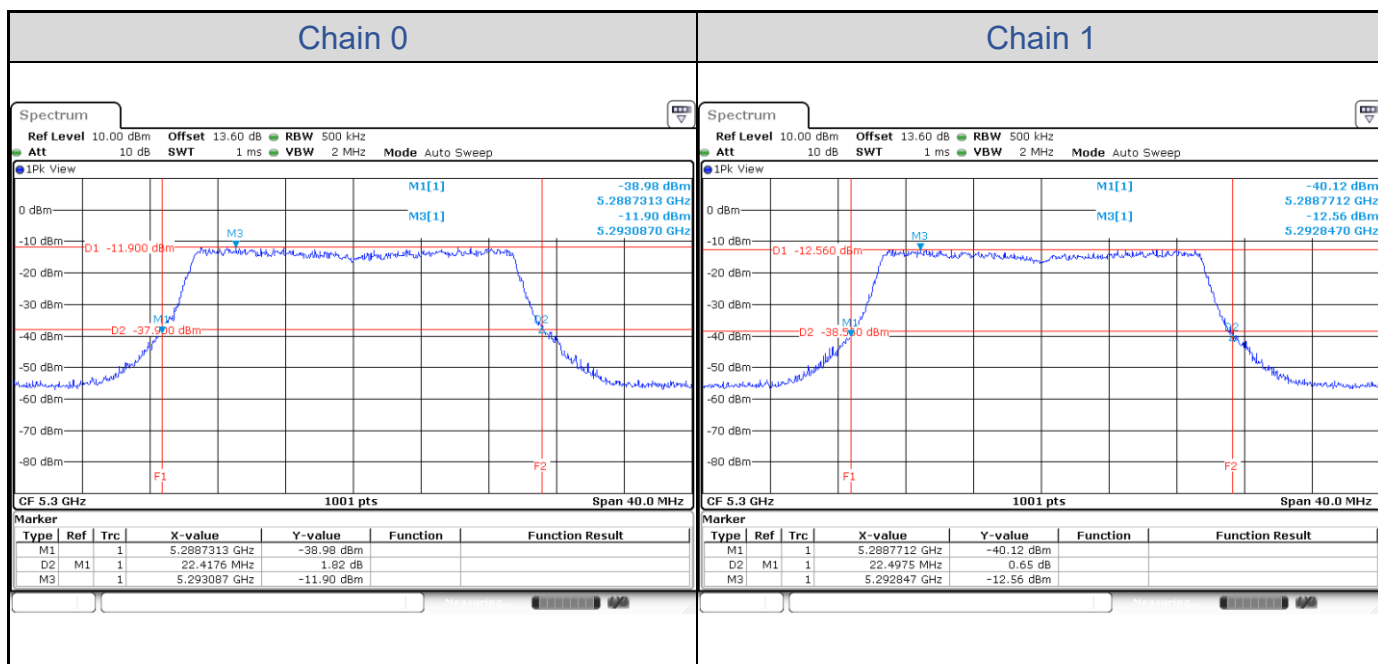
**802.11a-Channel 116**

**802.11a-Channel 140**


**802.11ax HE20**

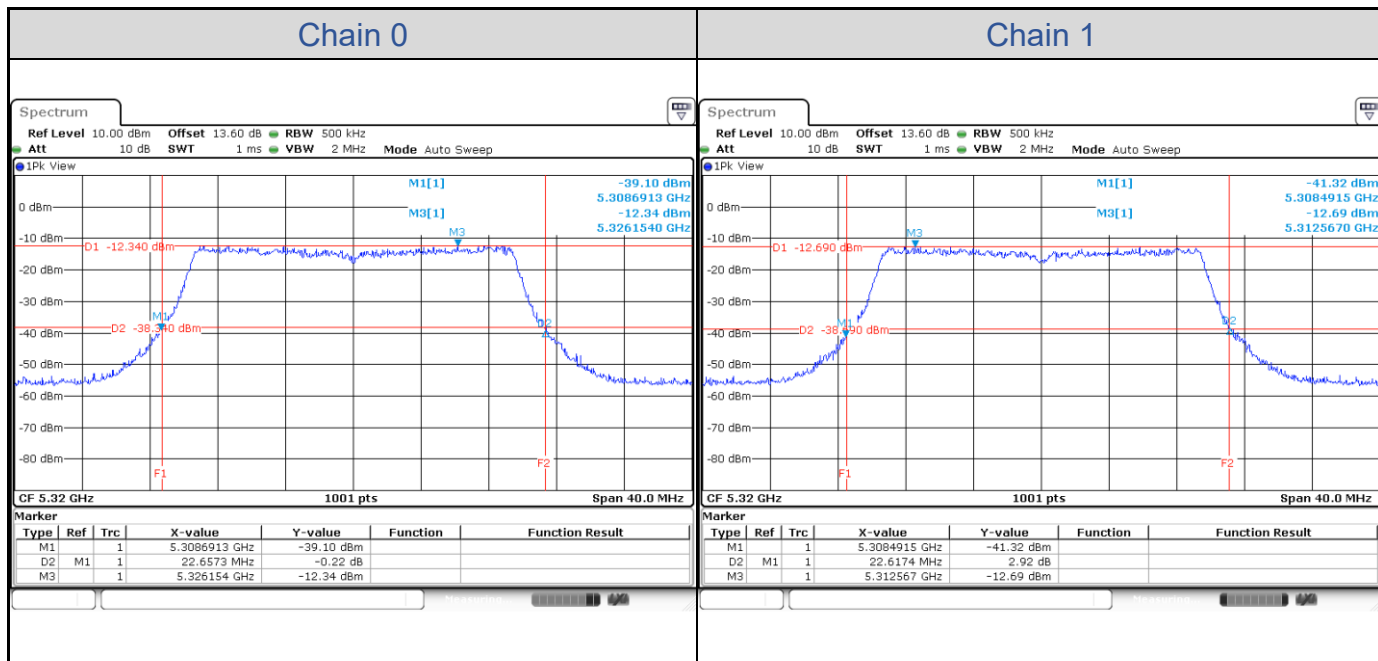
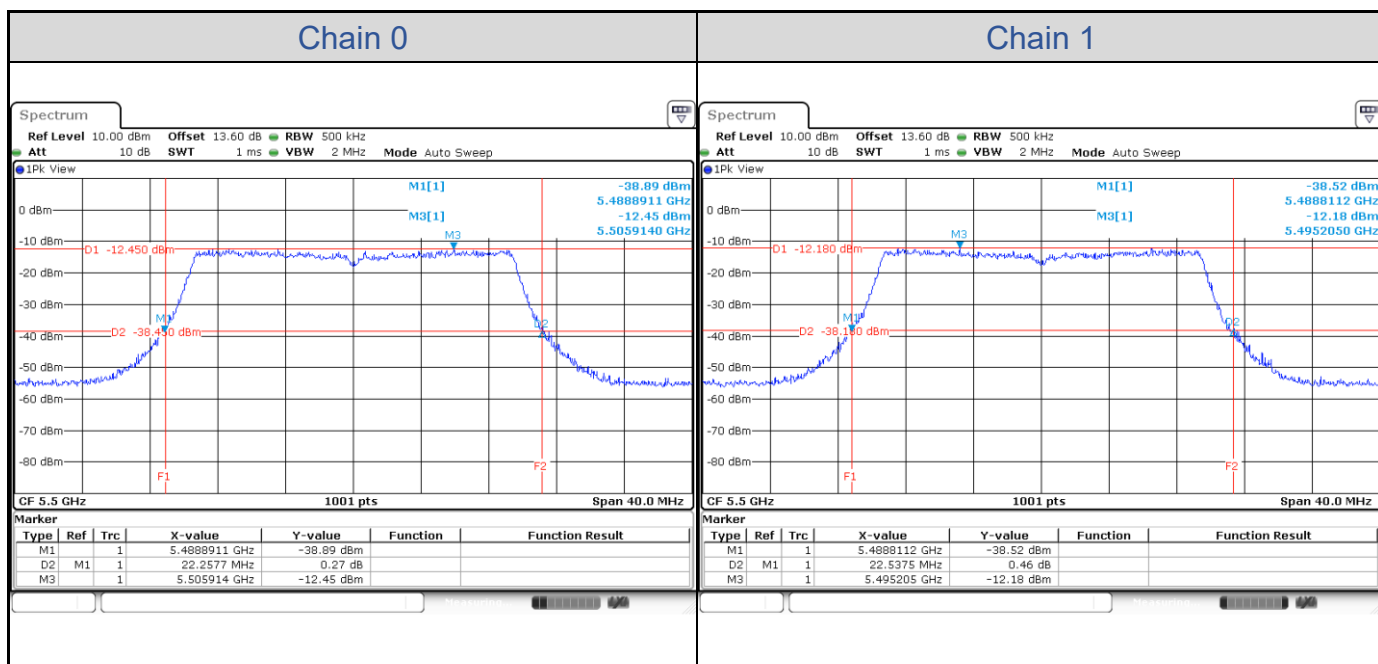
Band	Channel	Frequency (MHz)	26 dB Bandwidth (MHz)	
			Chain 0	Chain 1
U-NII-1	36	5180	22.50	22.58
	40	5200	22.46	22.78
	48	5240	22.62	22.70
U-NII-2A	52	5260	22.78	22.30
	60	5300	22.42	22.50
	64	5320	22.66	22.62
U-NII-2C	100	5500	22.26	22.54
	116	5580	22.38	22.54
	140	5700	22.38	22.62

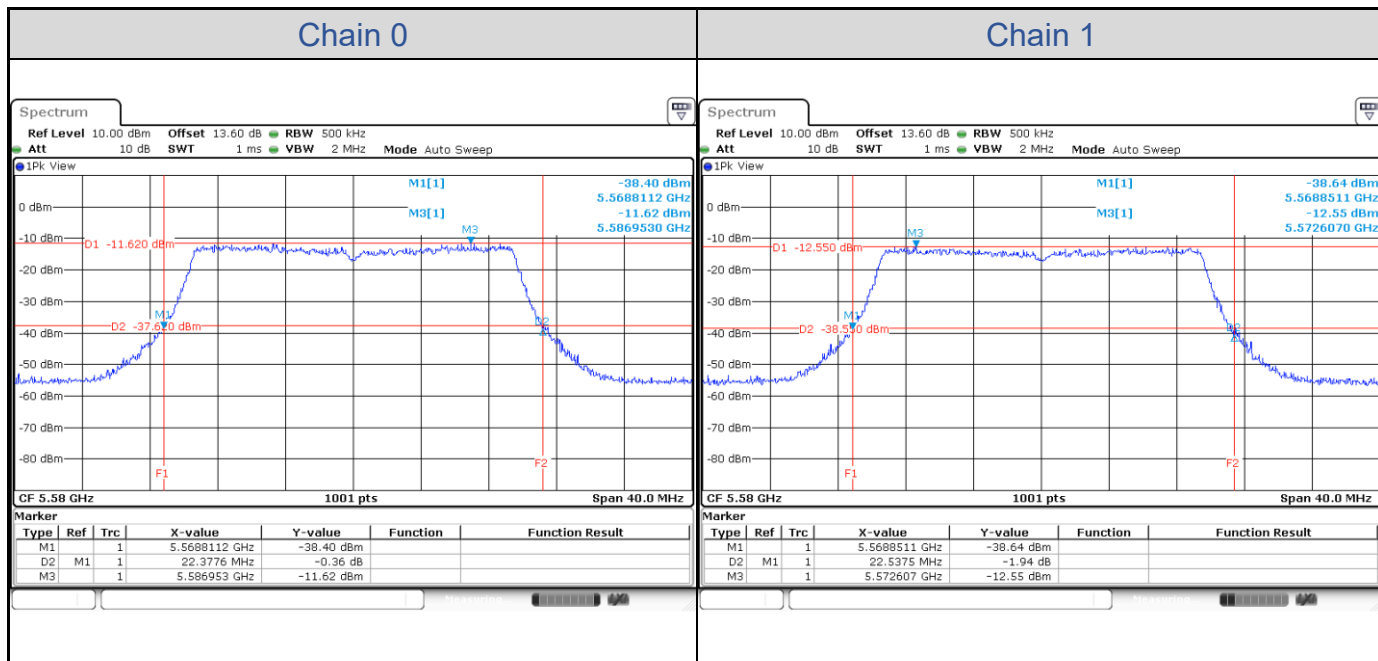
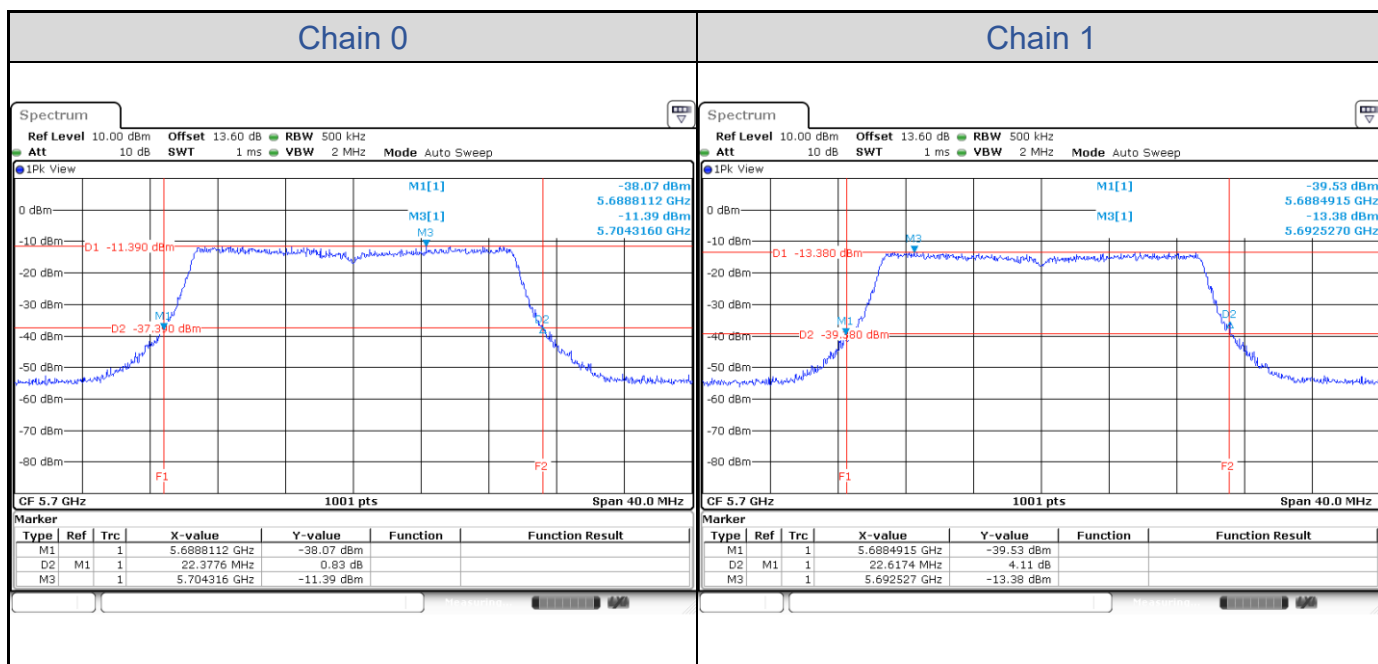
**802.11ax HE20-Channel 36**


**802.11ax HE20-Channel 40**

**802.11ax HE20-Channel 48**


**802.11ax HE20-Channel 52**

**802.11ax HE20-Channel 60**


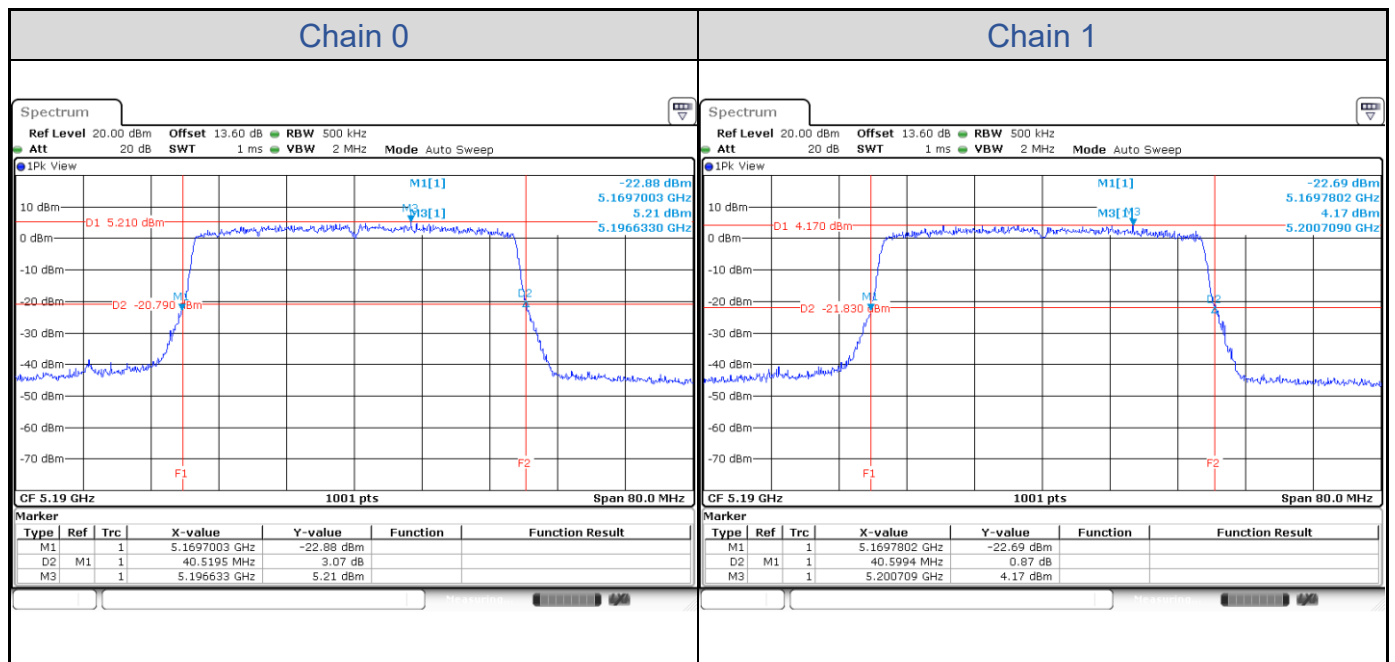


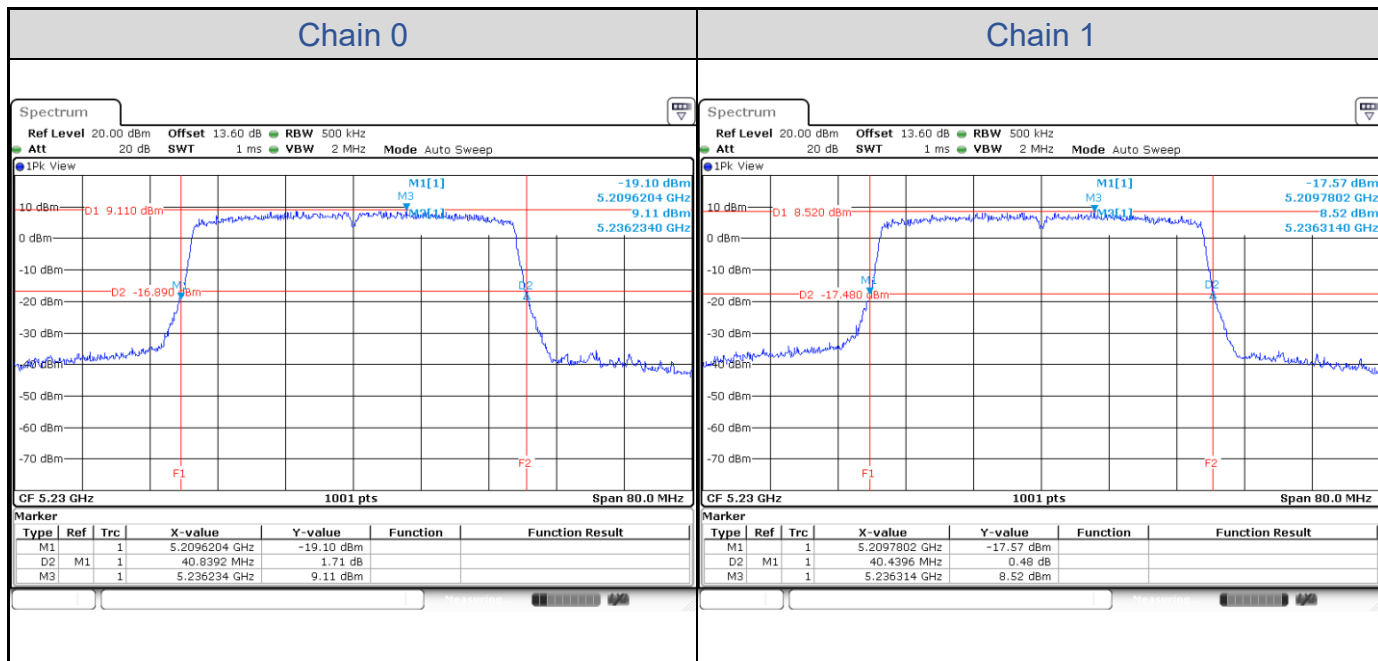
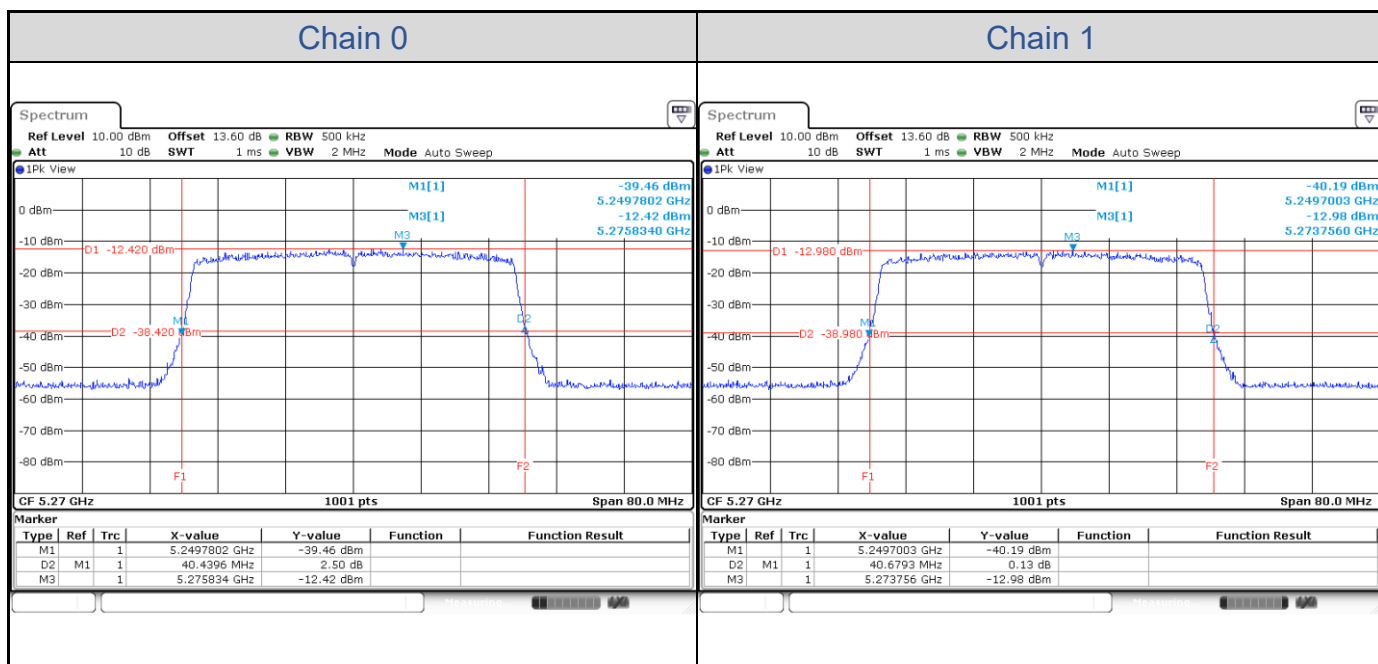
**802.11ax HE20-Channel 64**

**802.11ax HE20-Channel 100**


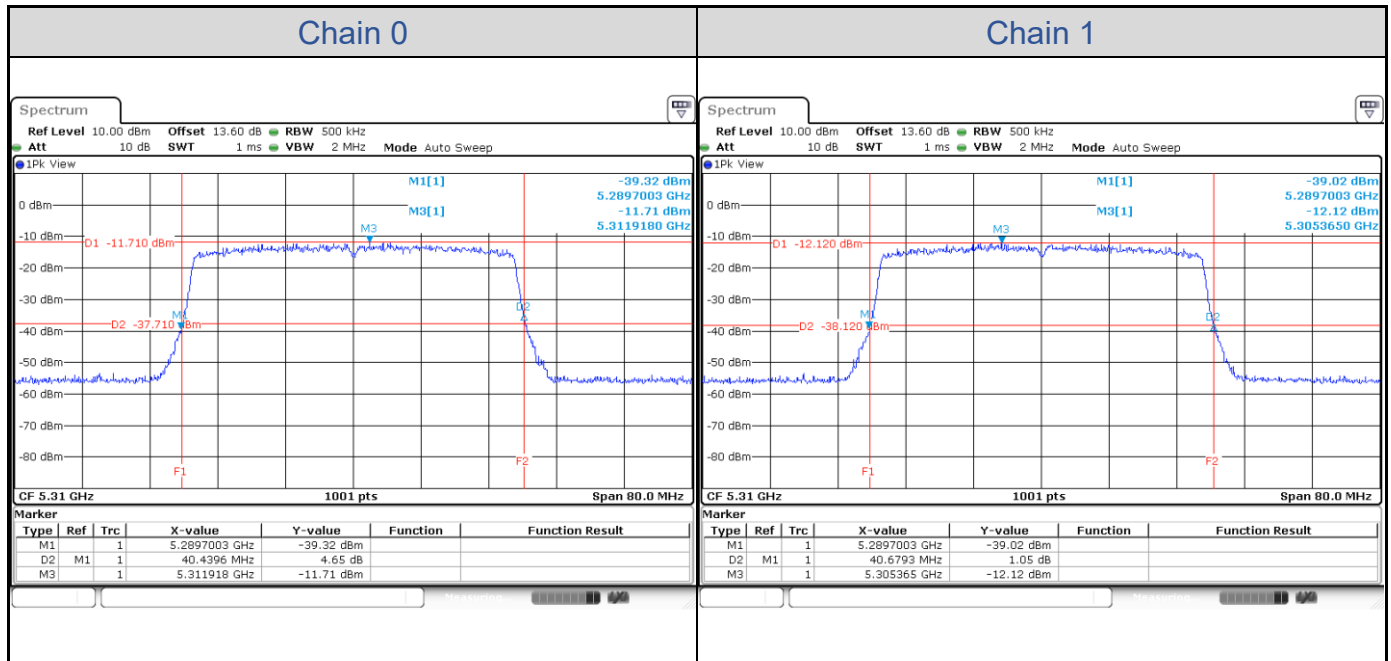
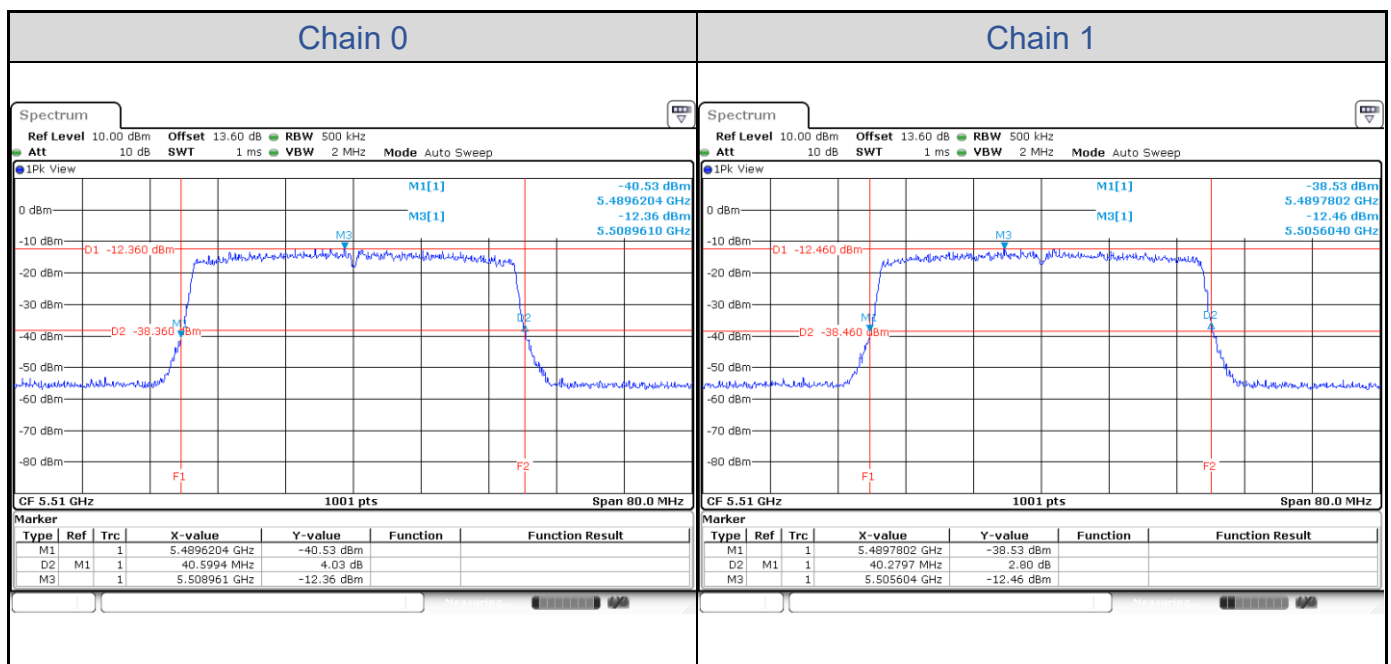
**802.11ax HE20-Channel 116**

**802.11ax HE20-Channel 140**


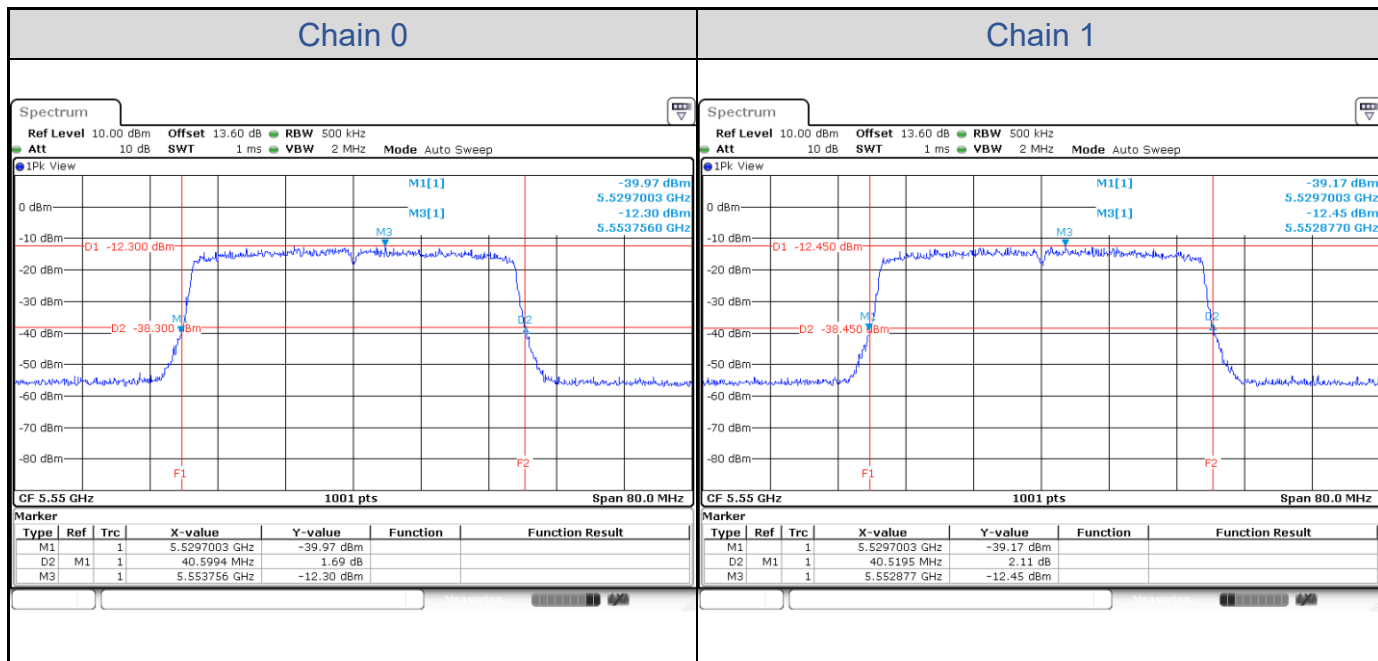
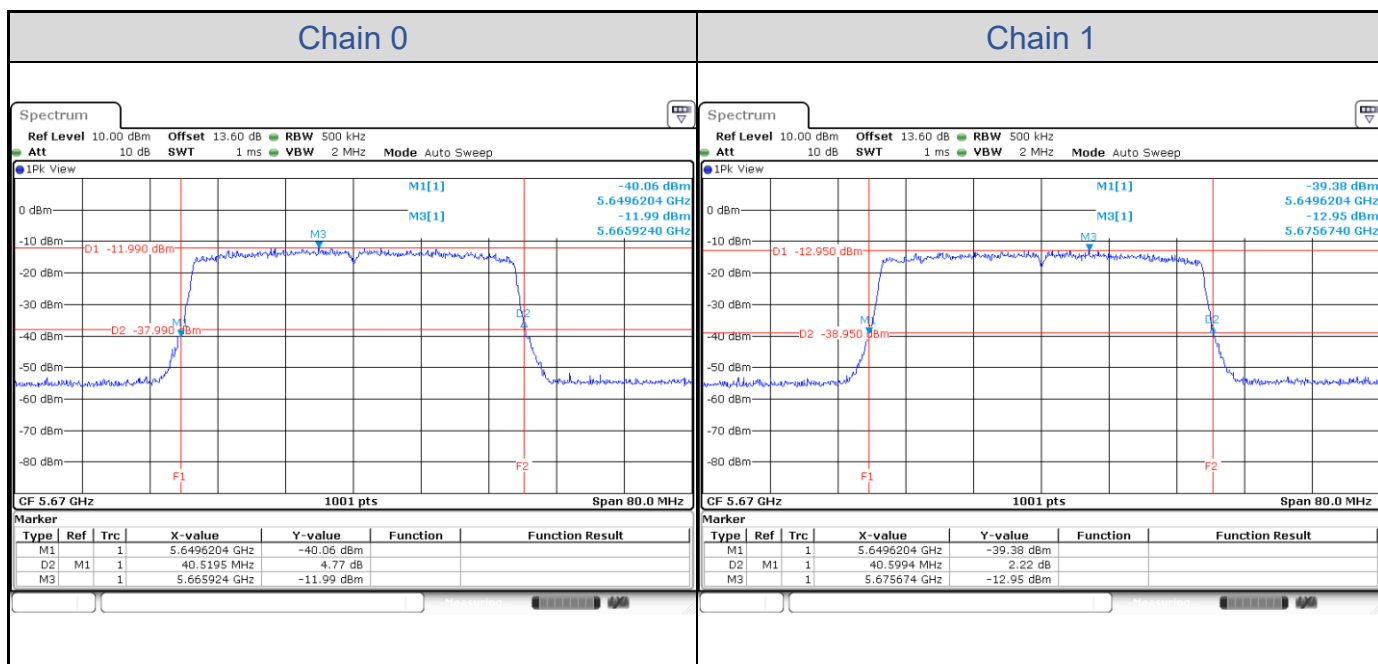
**802.11ax HE40**

Band	Channel	Frequency (MHz)	26 dB Bandwidth (MHz)	
			Chain 0	Chain 1
U-NII-1	38	5190	40.52	40.60
	46	5230	40.84	40.44
U-NII-2A	54	5270	40.44	40.68
	62	5310	40.44	40.68
U-NII-2C	102	5510	40.60	40.28
	110	5500	40.60	40.52
	134	5670	40.52	40.60

**802.11ax HE40-Channel 38**


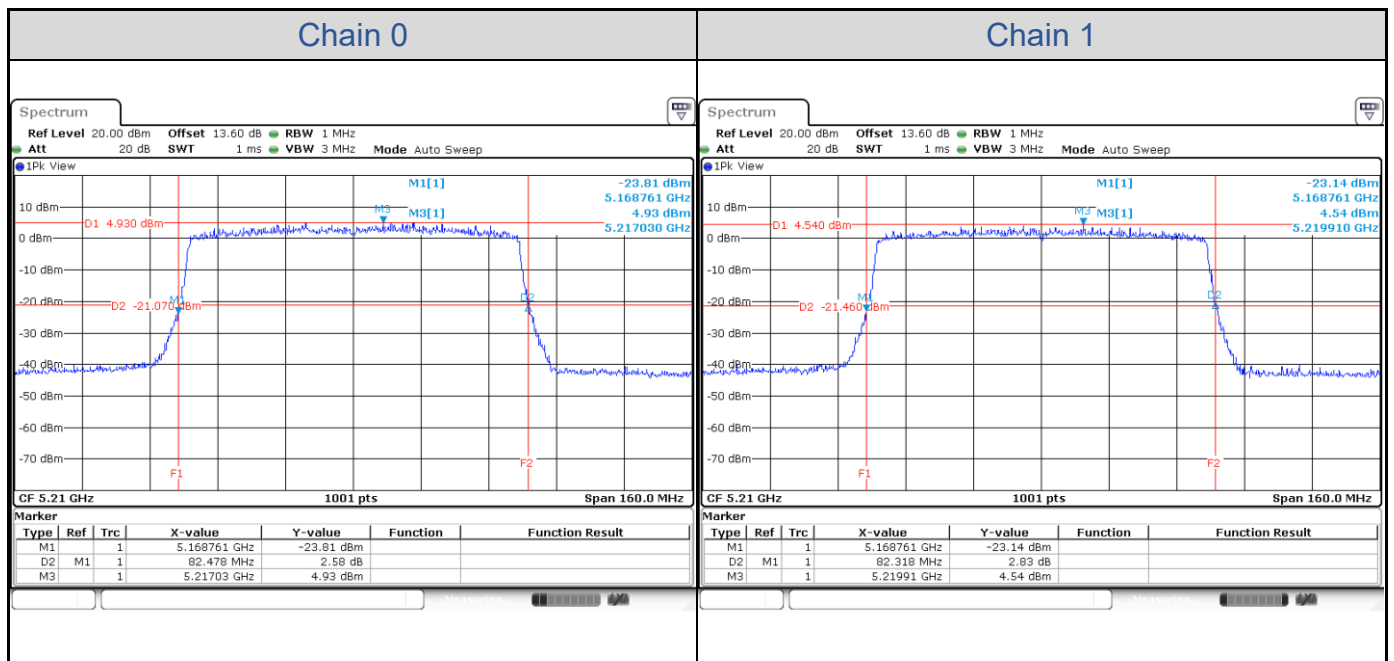
**802.11ax HE40-Channel 46**

**802.11ax HE40-Channel 54**


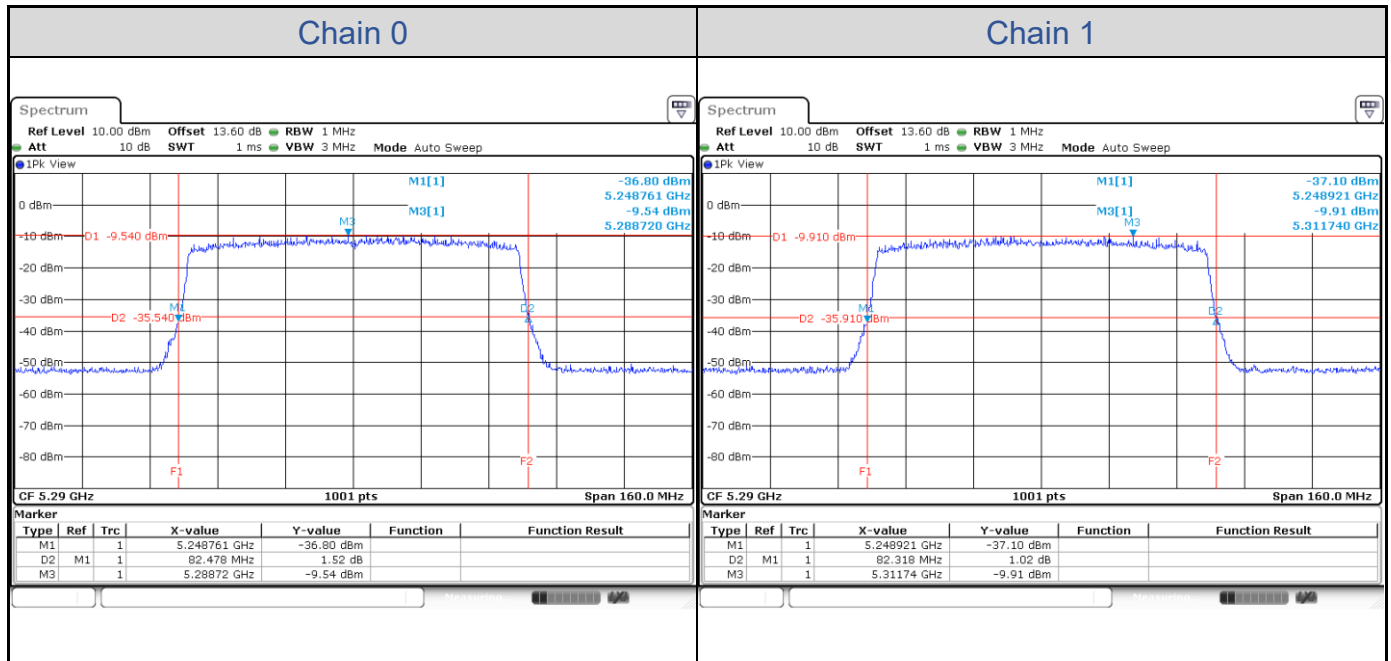
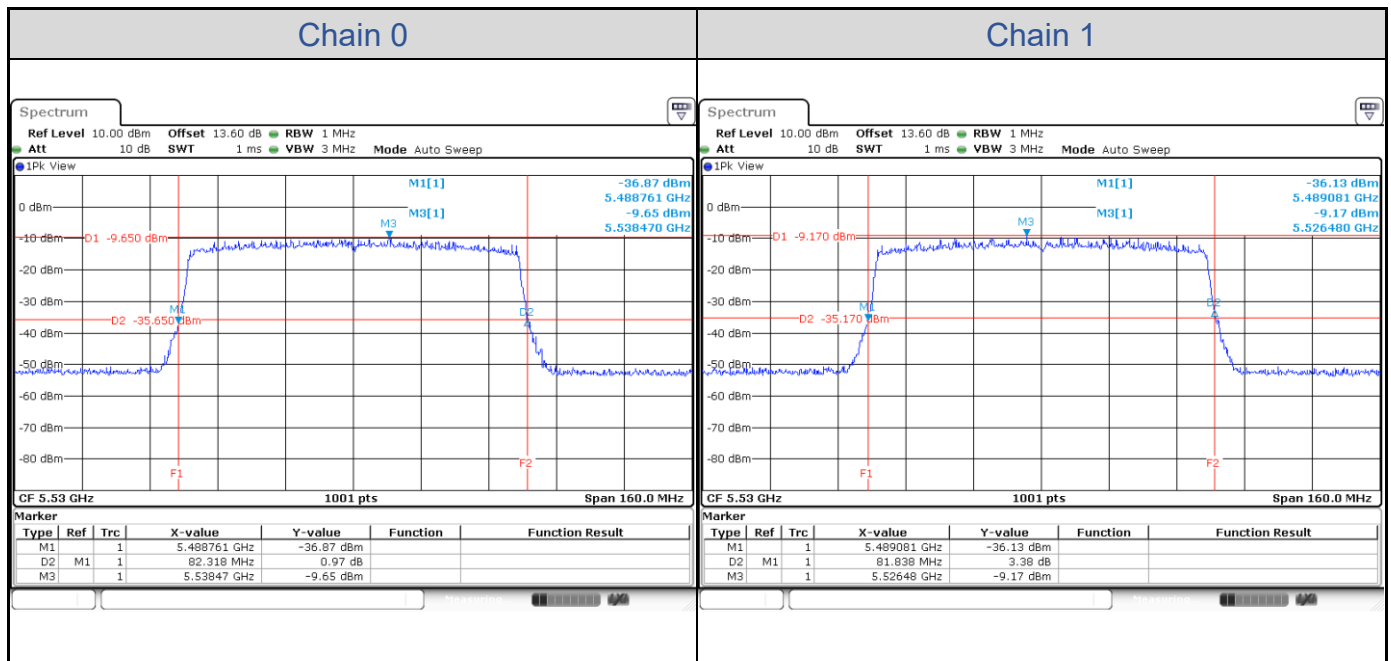
**802.11ax HE40-Channel 62**

**802.11ax HE40-Channel 102**


**802.11ax HE40-Channel 110**

**802.11ax HE40-Channel 134**


**802.11ax HE80**

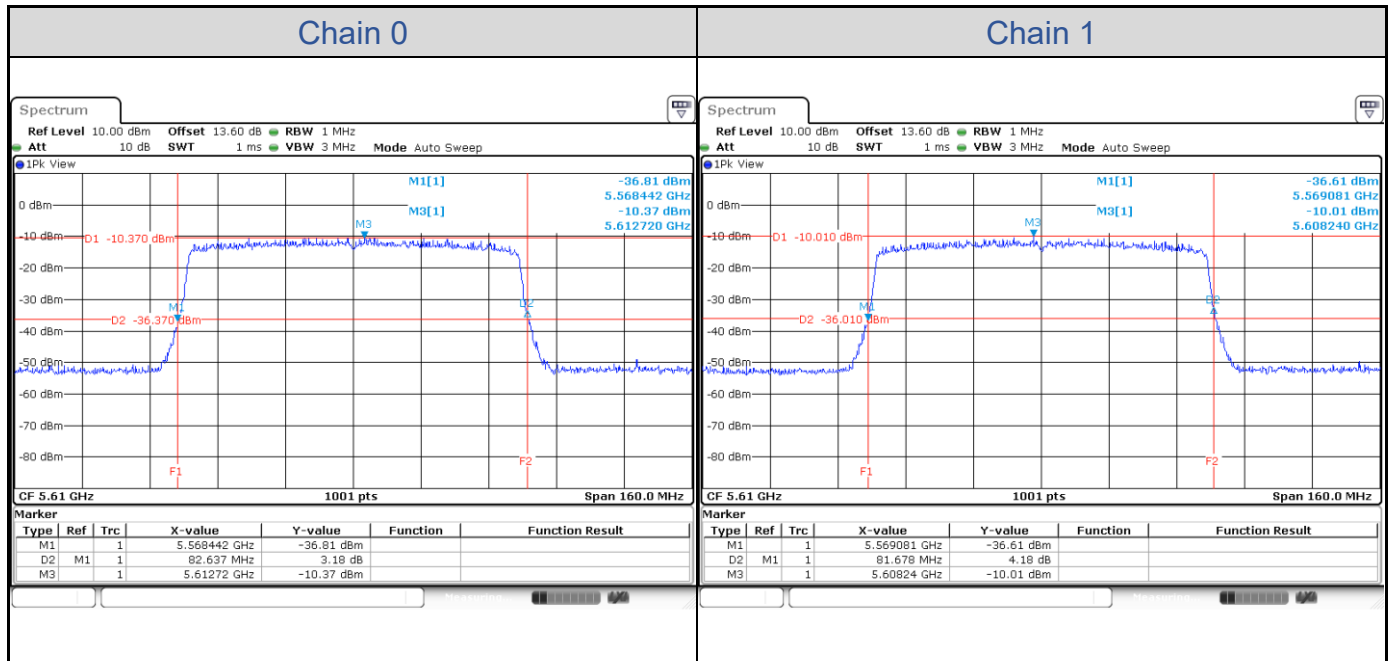
Band	Channel	Frequency (MHz)	26 dB Bandwidth (MHz)	
			Chain 0	Chain 1
U-NII-1	42	5210	82.48	82.32
U-NII-2A	58	5290	82.48	82.32
U-NII-2C	106	5530	82.32	81.84
	122	5610	82.64	81.68

**802.11ax HE80-Channel 42**


**802.11ax HE80-Channel 58**

**802.11ax HE80-Channel 106**


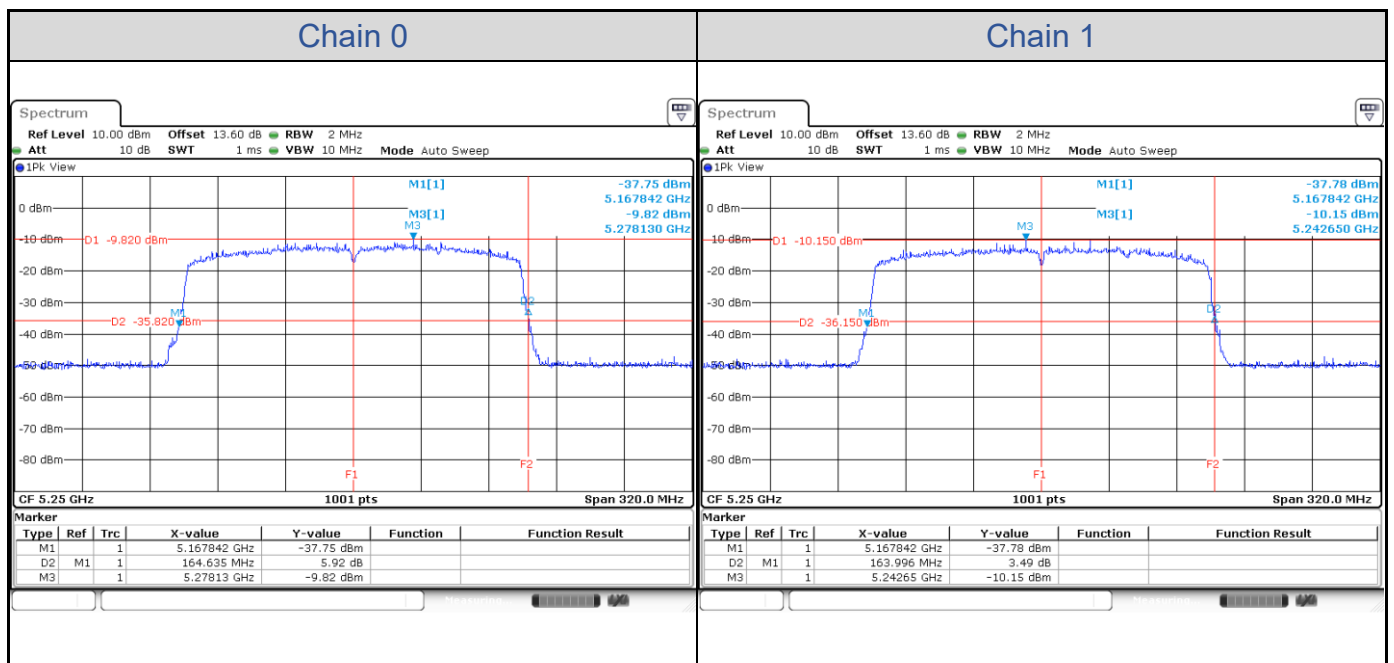
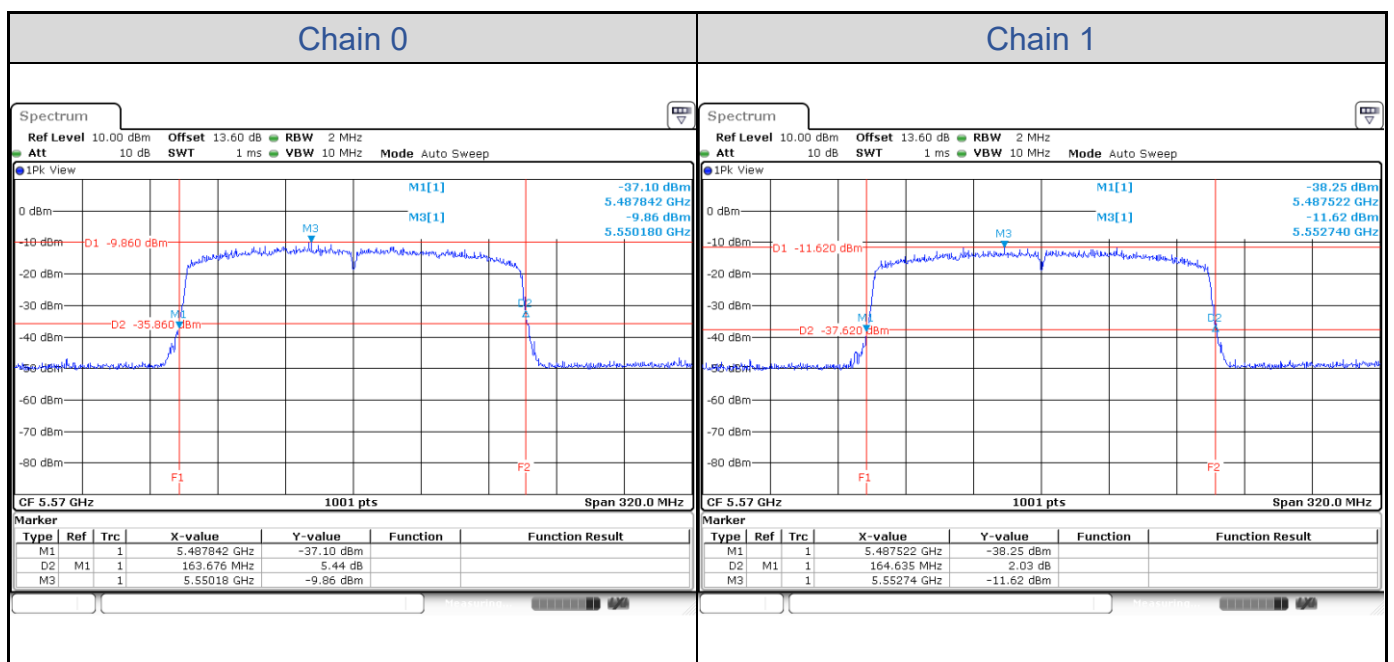


802.11ax HE80-Channel 122



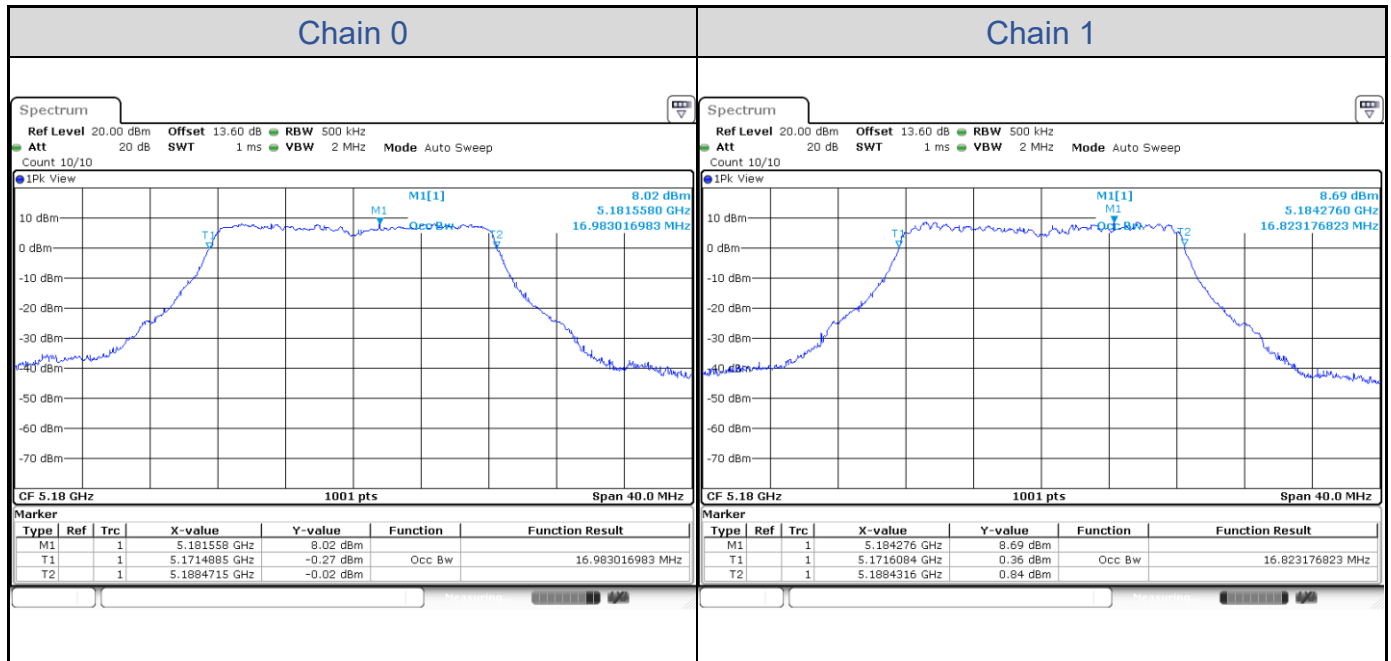
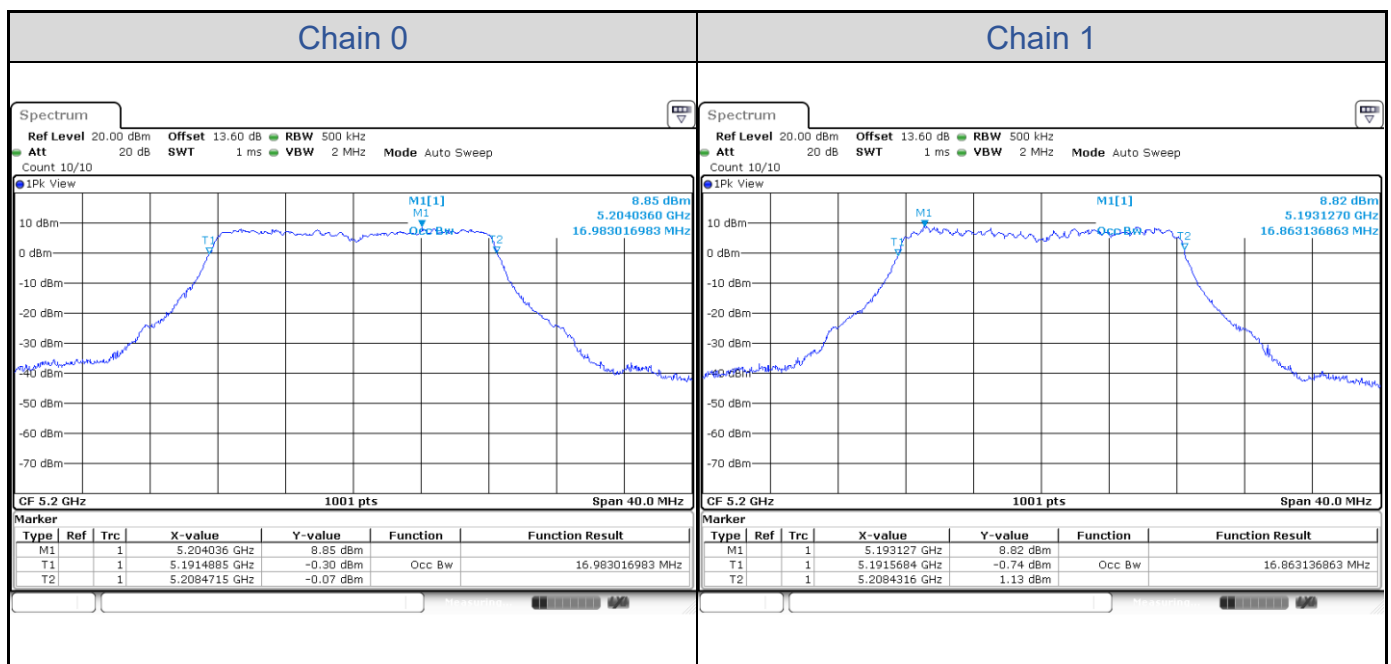
**802.11ax HE160**

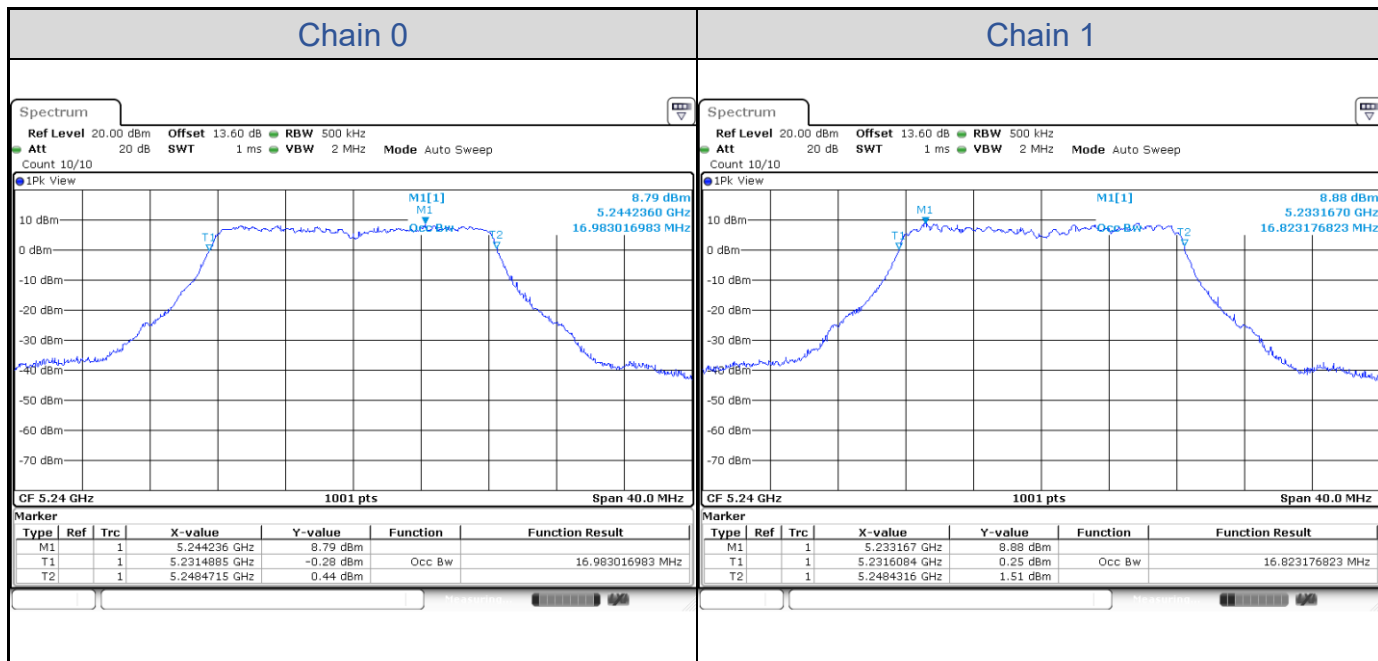
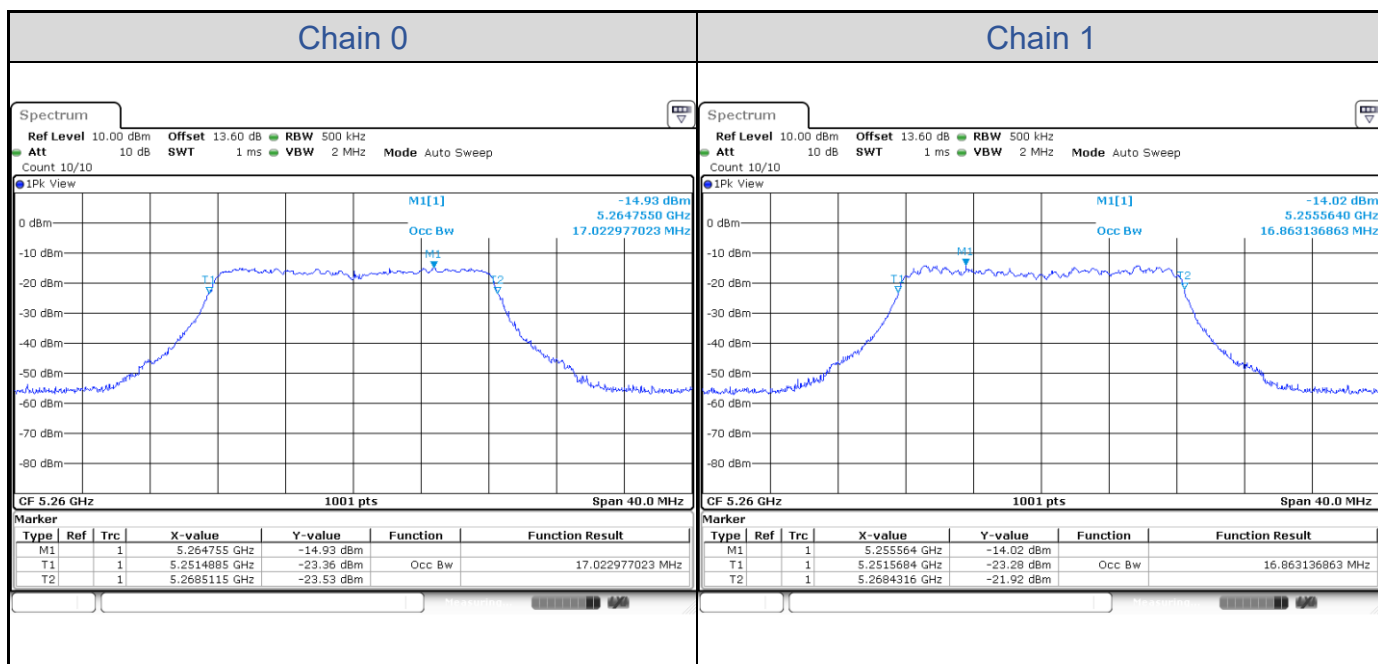
Band	Channel	Frequency (MHz)	26 dB Bandwidth (MHz)	
			Chain 0	Chain 1
U-NII-1	50	5250	82.16	82.16
U-NII-2A	50	5250	82.48	81.84
U-NII-2C	114	5570	163.68	164.64

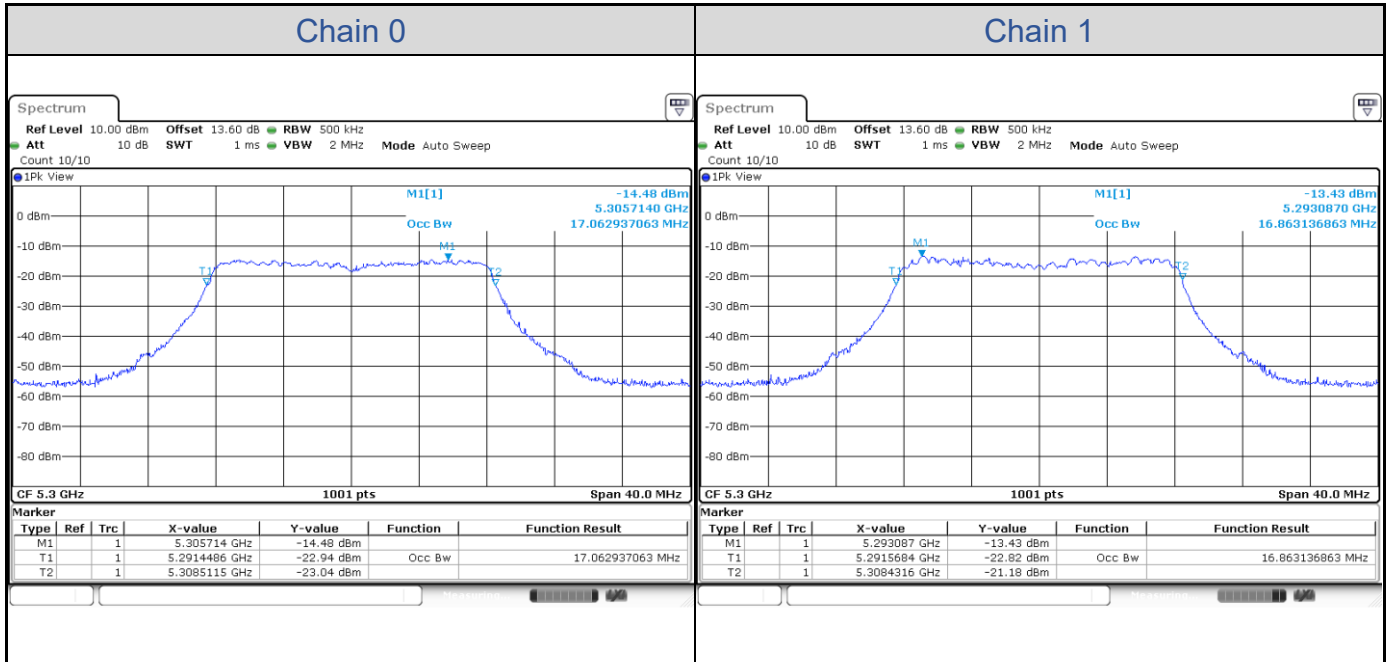
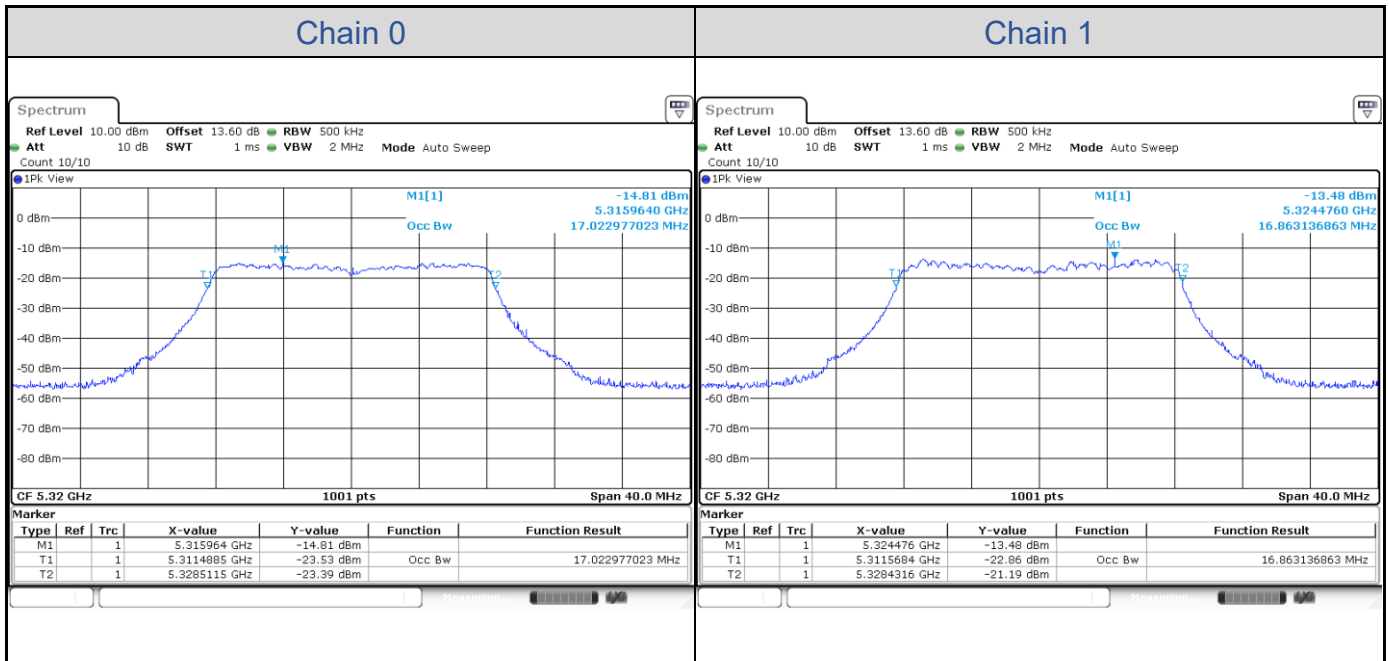
**802.11ax HE160-Channel 50**

**802.11ax HE160-Channel 114**


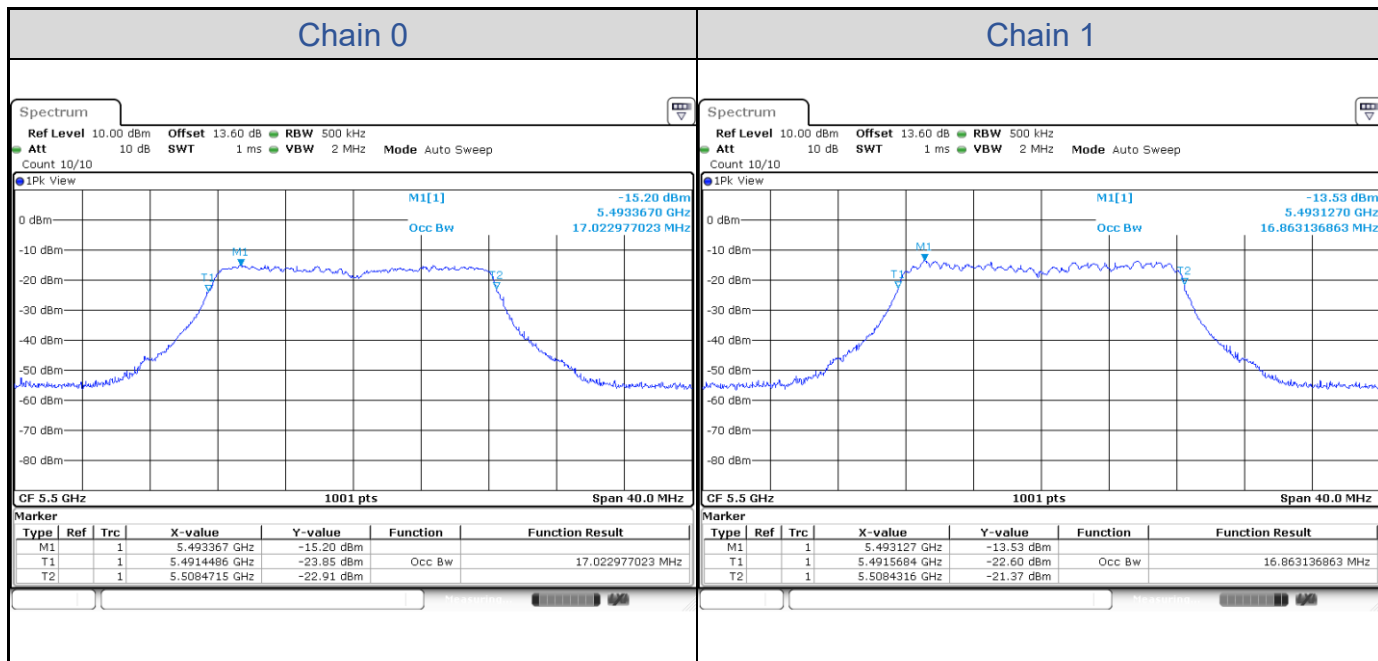
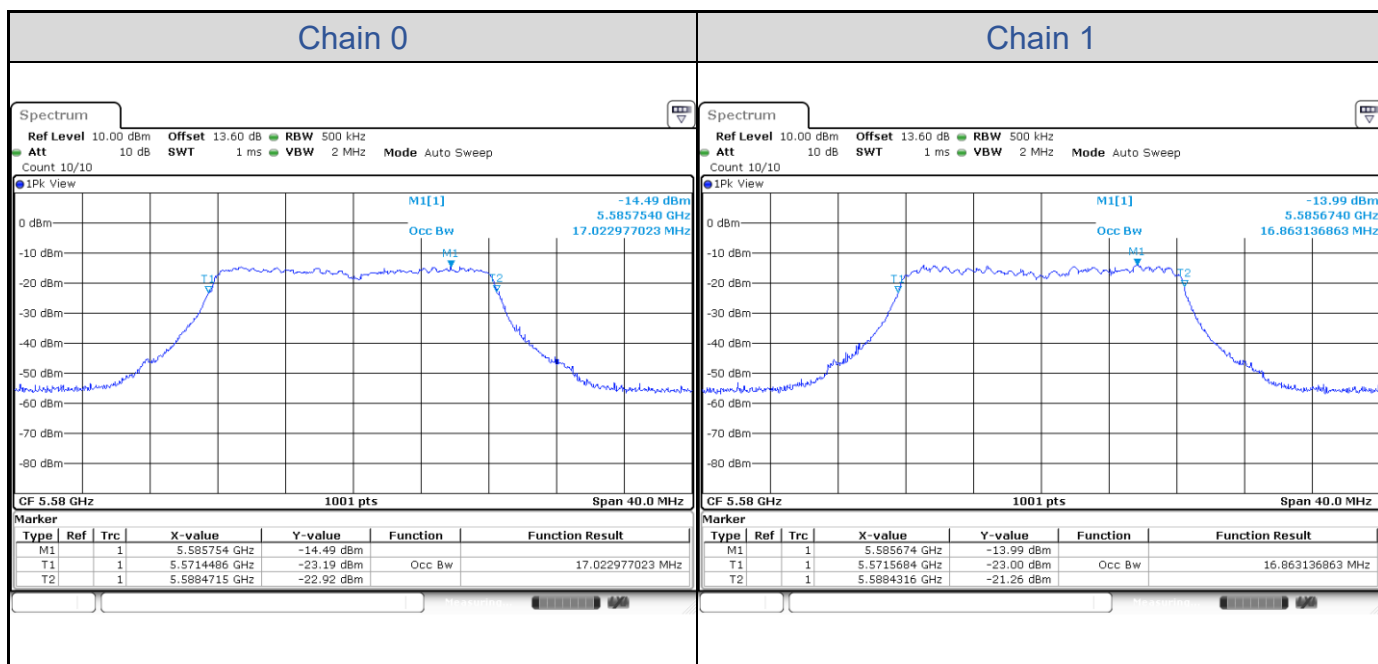
**Test Result of 99% Occupied Bandwidth**
**802.11a**

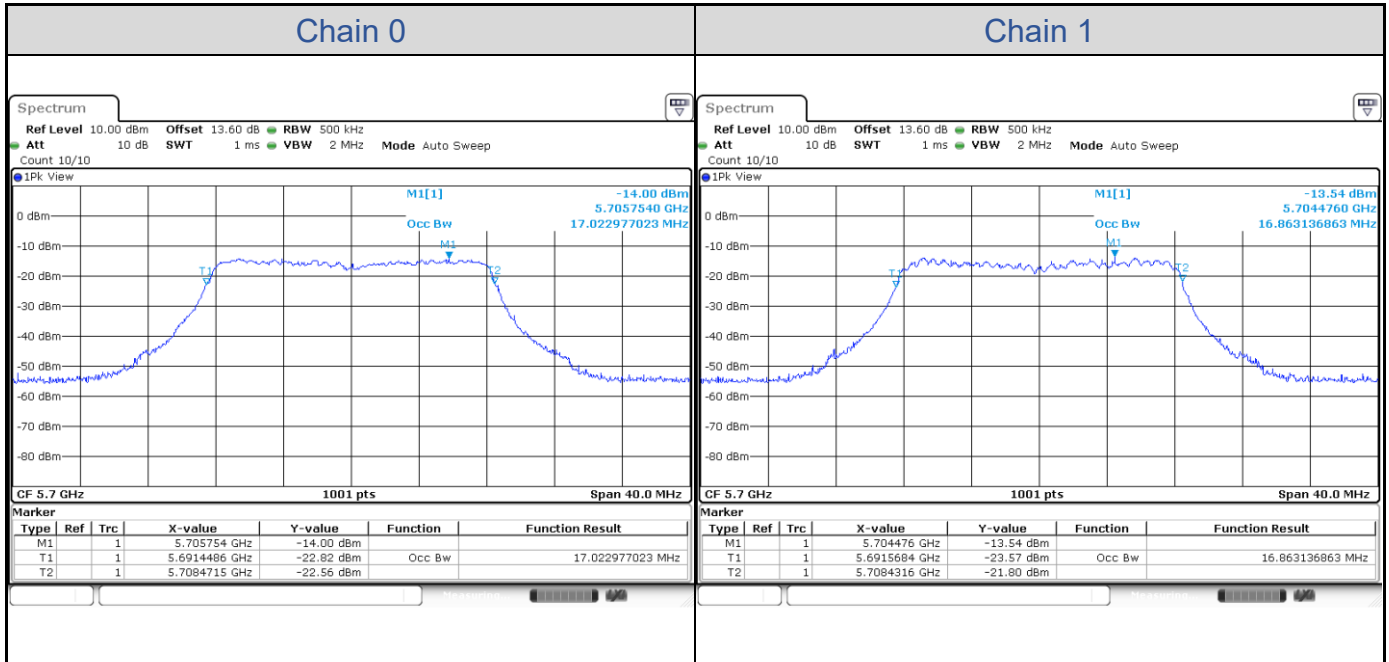
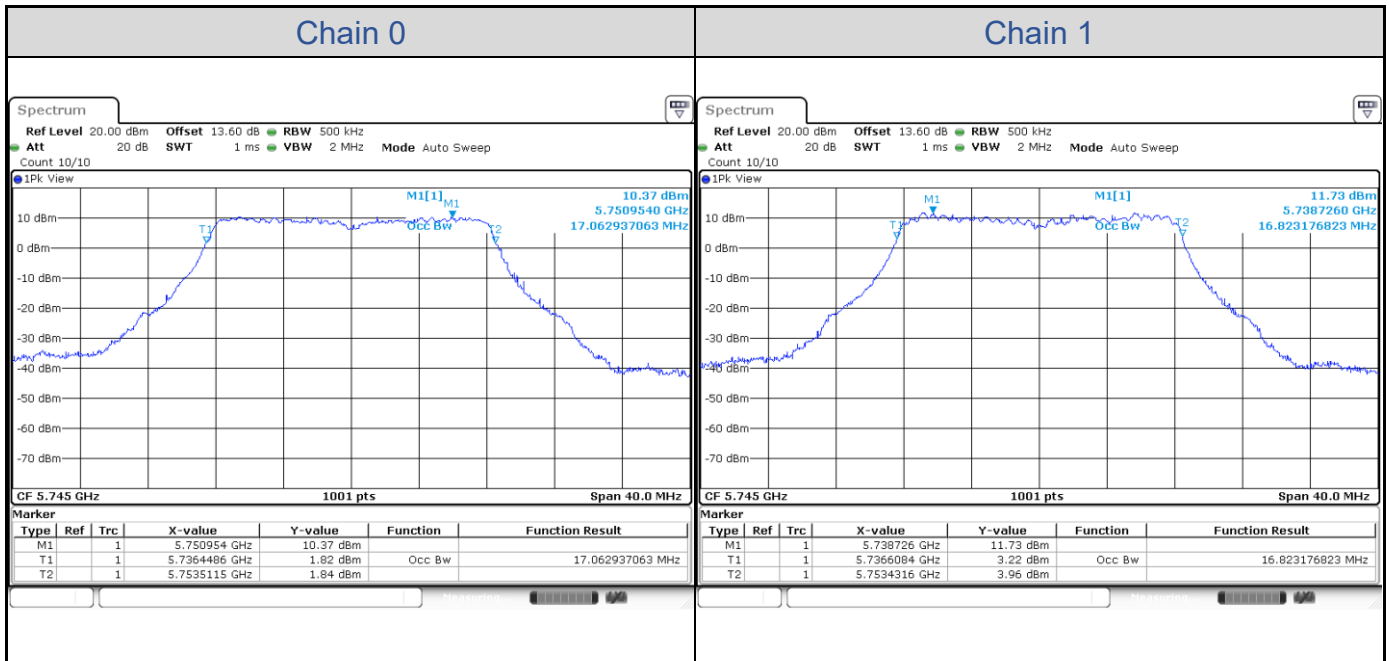
Band	Channel	Frequency (MHz)	99% Bandwidth (MHz)	
			Chain 0	Chain 1
U-NII-1	36	5180	16.98	16.82
	40	5200	16.98	16.86
	48	5240	16.98	16.82
U-NII-2A	52	5260	17.02	16.86
	60	5300	17.06	16.86
	64	5320	17.02	16.86
U-NII-2C	100	5500	17.02	16.86
	116	5580	17.02	16.86
	140	5700	17.02	16.86
U-NII-3	149	5745	17.06	16.82
	157	5785	17.02	16.82
	165	5825	17.02	16.86

**802.11a-Channel 36**

**802.11a-Channel 40**


**802.11a-Channel 48**

**802.11a-Channel 52**


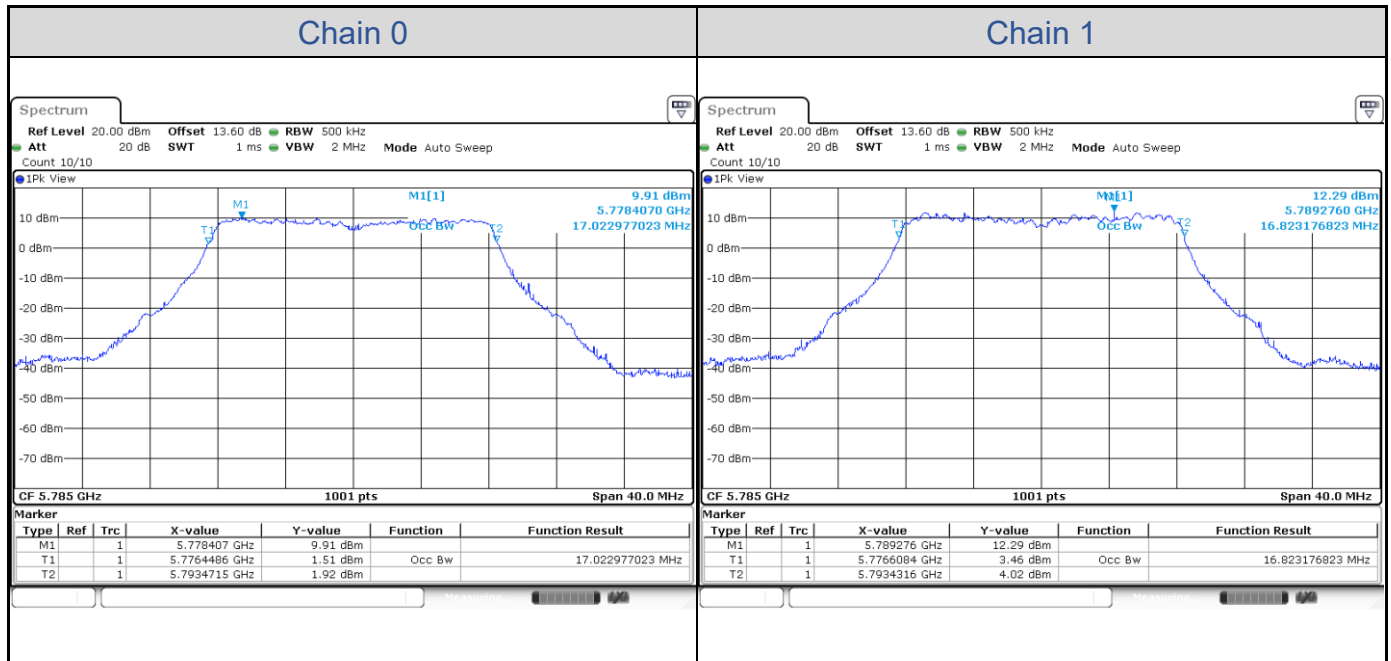
**802.11a-Channel 60**

**802.11a-Channel 64**


**802.11a-Channel 100**

**802.11a-Channel 116**


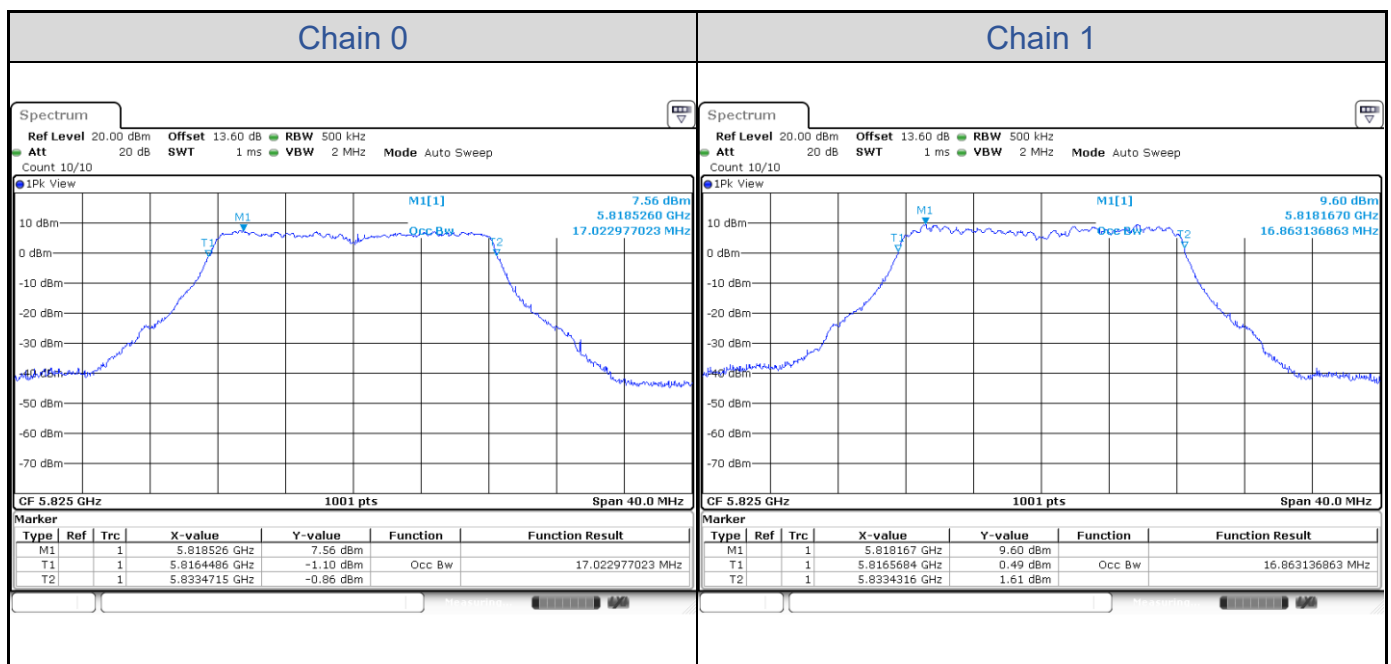
**802.11a-Channel 140**

**802.11a-Channel 149**




802.11a-Channel 157

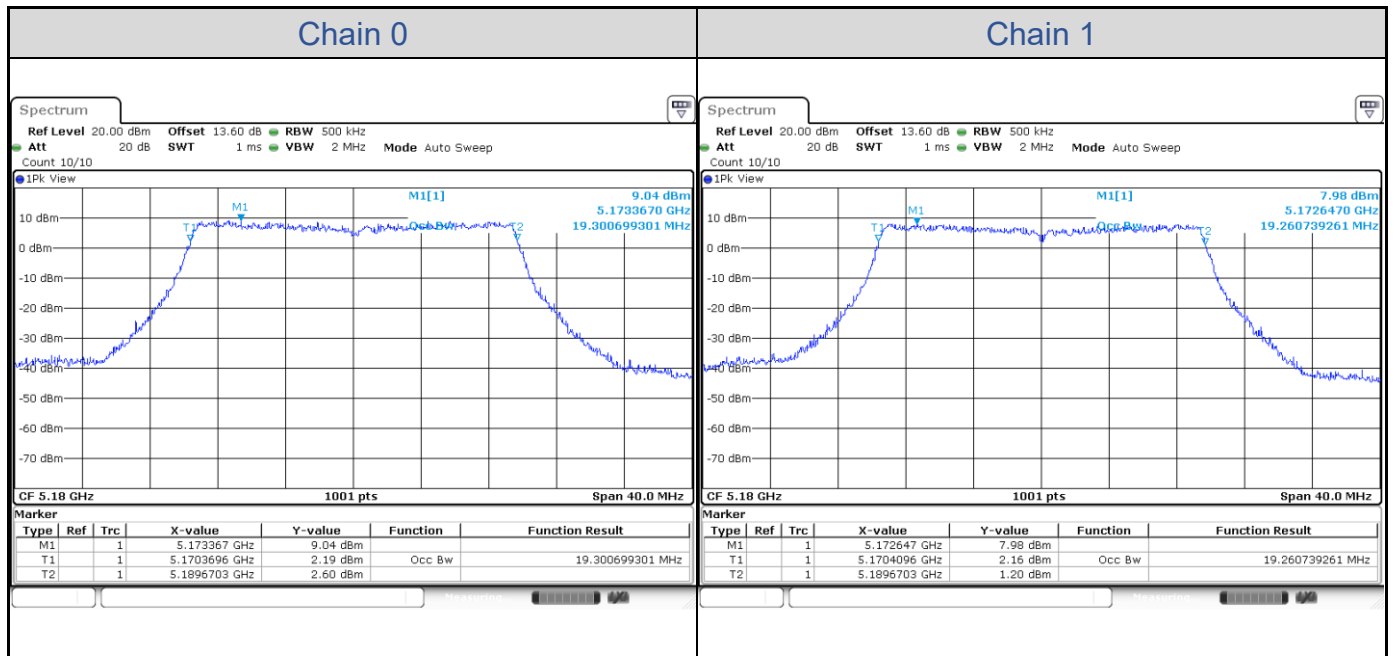


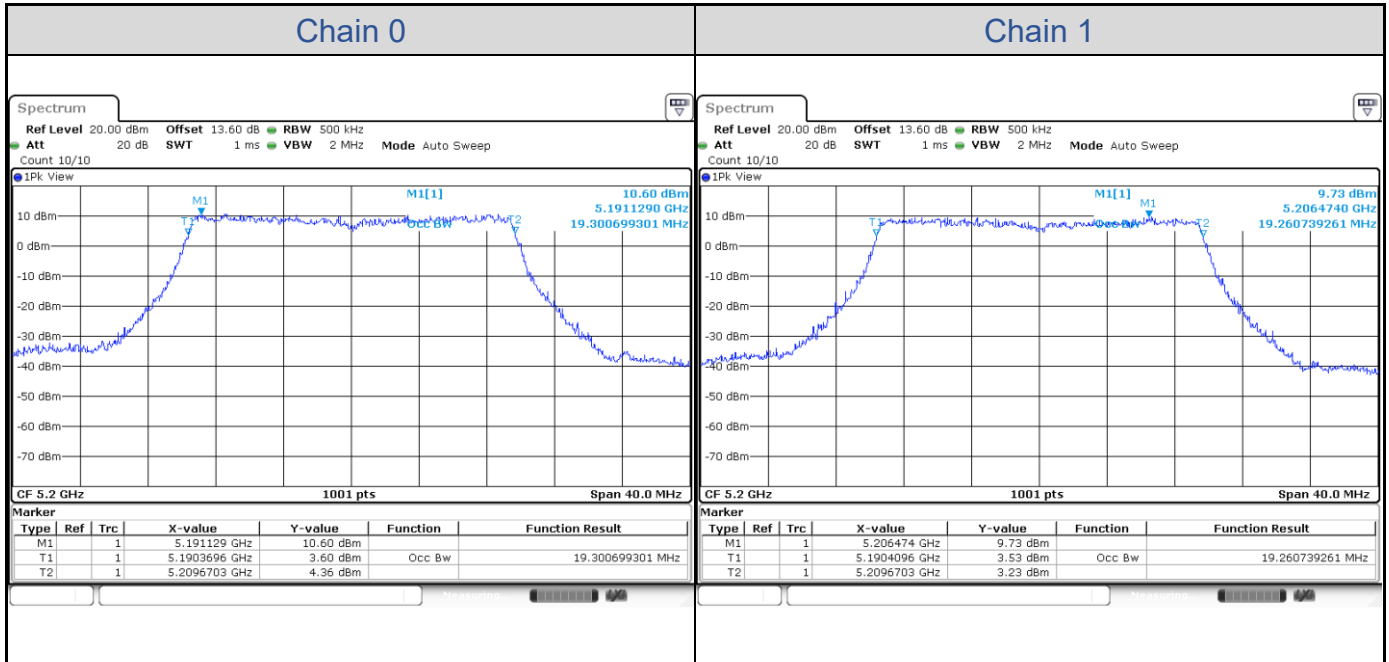
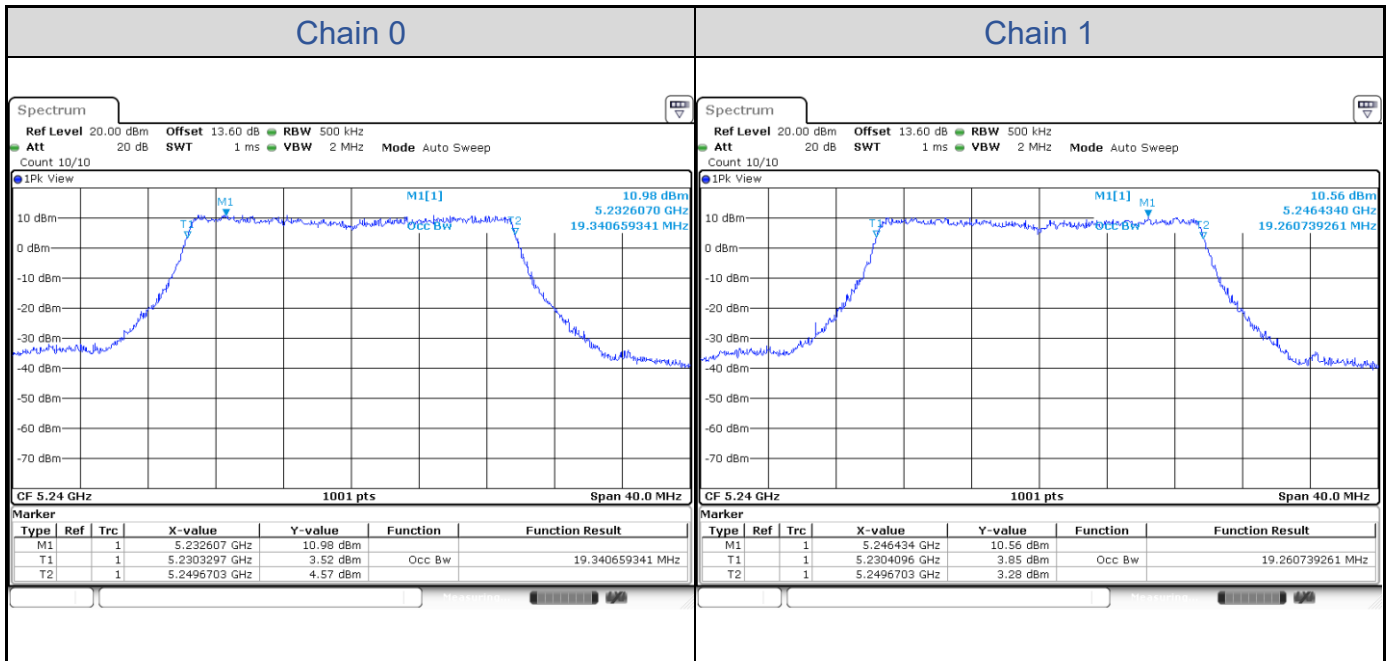
802.11a-Channel 165

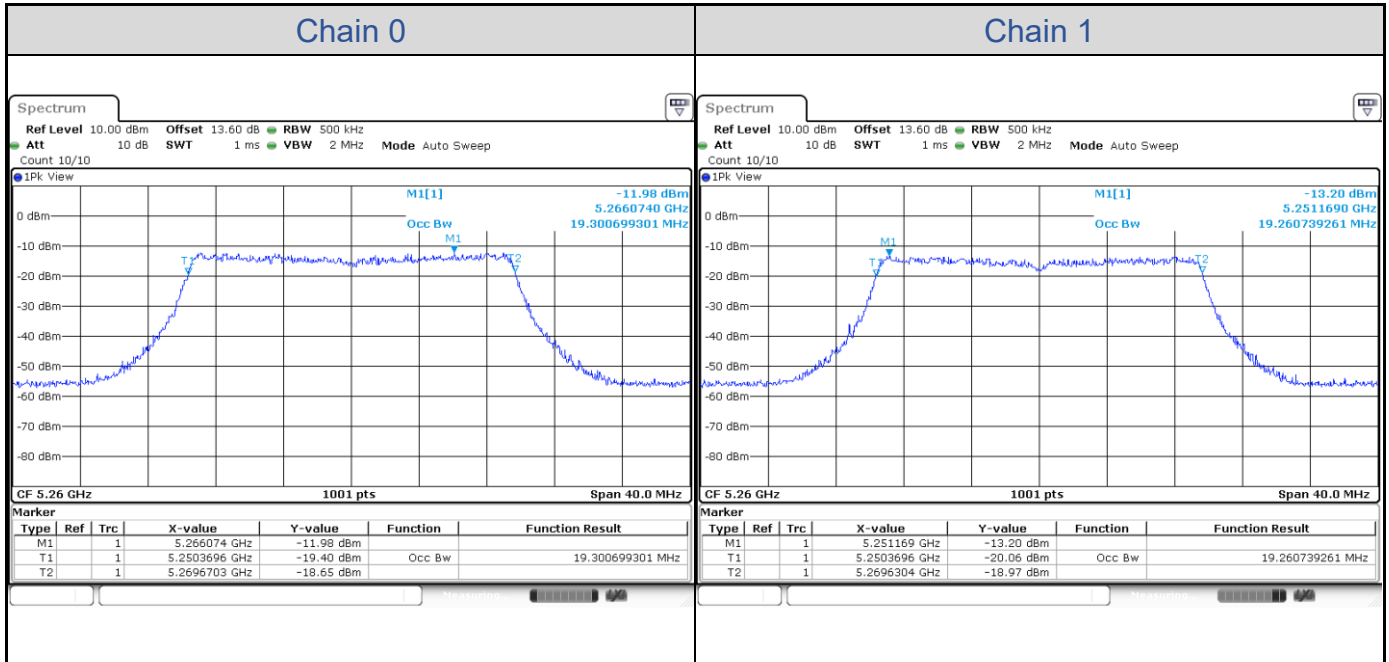
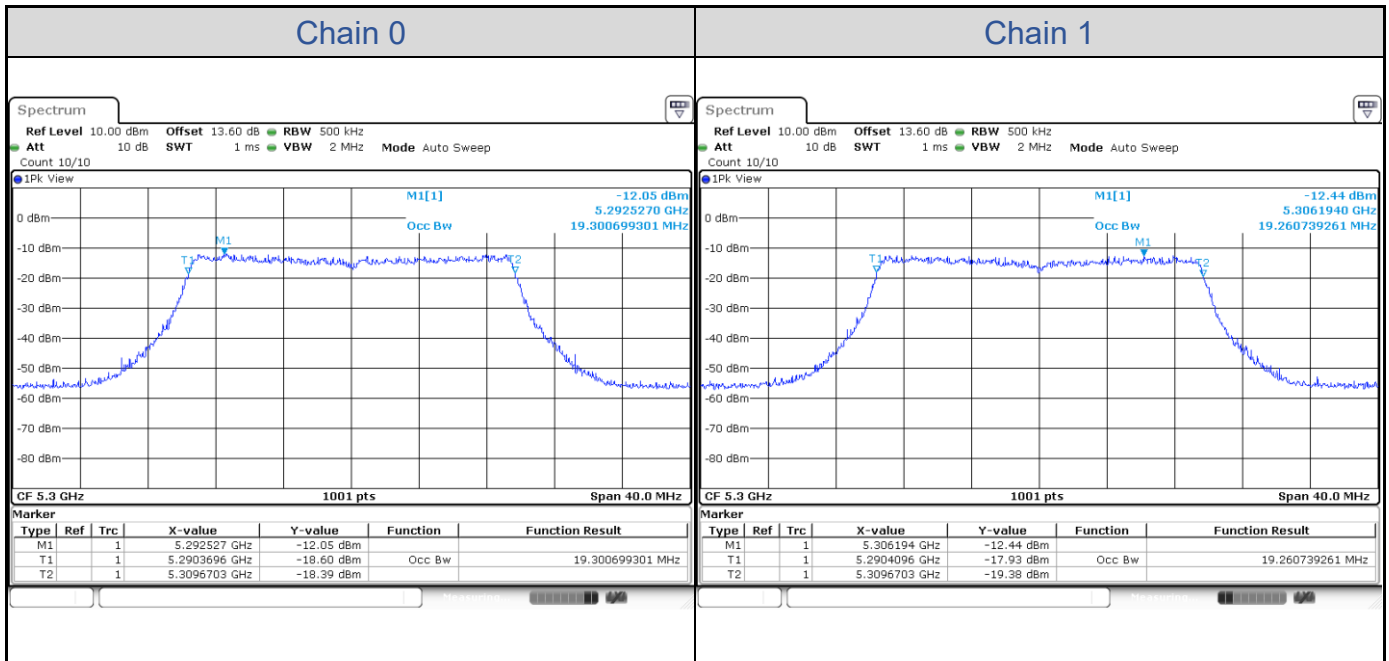


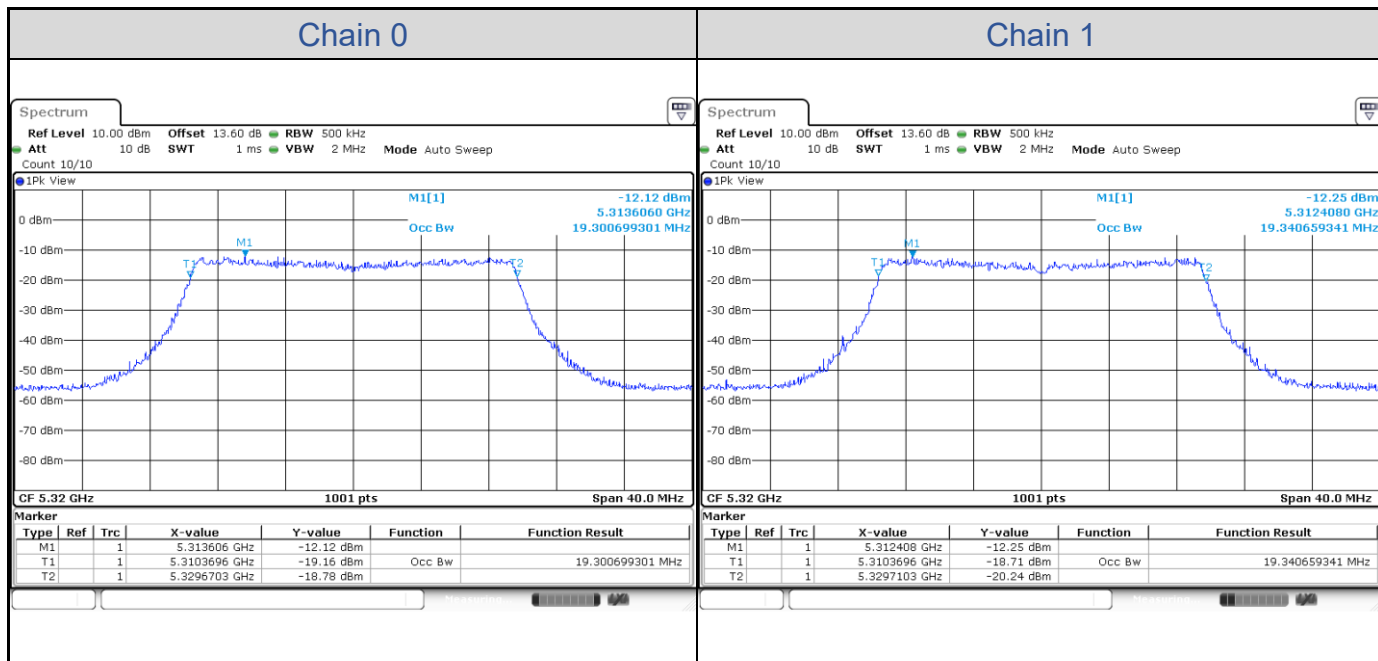
**802.11ax HE20**

Band	Channel	Frequency (MHz)	99% Bandwidth (MHz)	
			Chain 0	Chain 1
U-NII-1	36	5180	19.30	19.26
	40	5200	19.30	19.26
	48	5240	19.34	19.26
U-NII-2A	52	5260	19.30	19.26
	60	5300	19.30	19.26
	64	5320	19.30	19.34
U-NII-2C	100	5500	19.22	19.30
	116	5580	19.30	19.26
	140	5700	19.30	19.26
U-NII-3	149	5745	19.30	19.26
	157	5785	19.30	19.30
	165	5825	19.30	19.26

**802.11ax HE20-Channel 36**


**802.11ax HE20-Channel 40**

**802.11ax HE20-Channel 48**


**802.11ax HE20-Channel 52**

**802.11ax HE20-Channel 60**


**802.11ax HE20-Channel 64**

**802.11ax HE20-Channel 100**
