

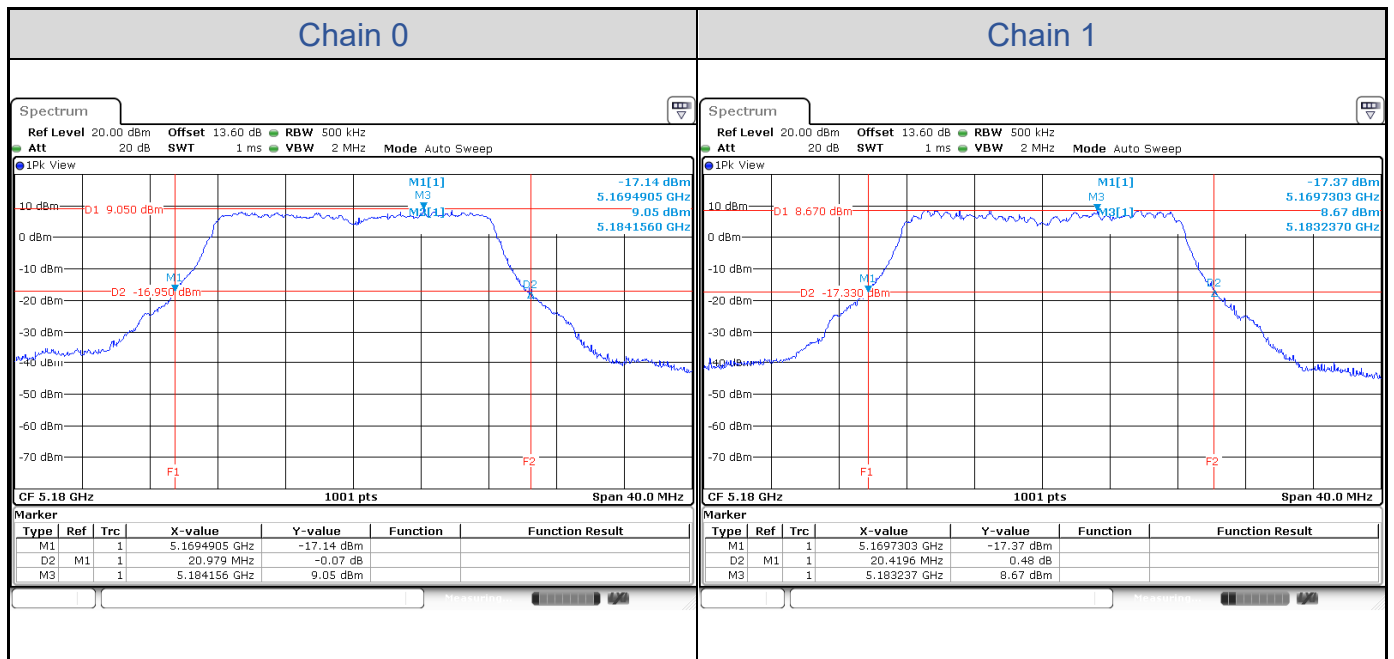
Appendix D: Test Results of Conducted Test (PINE_Dish antenna)

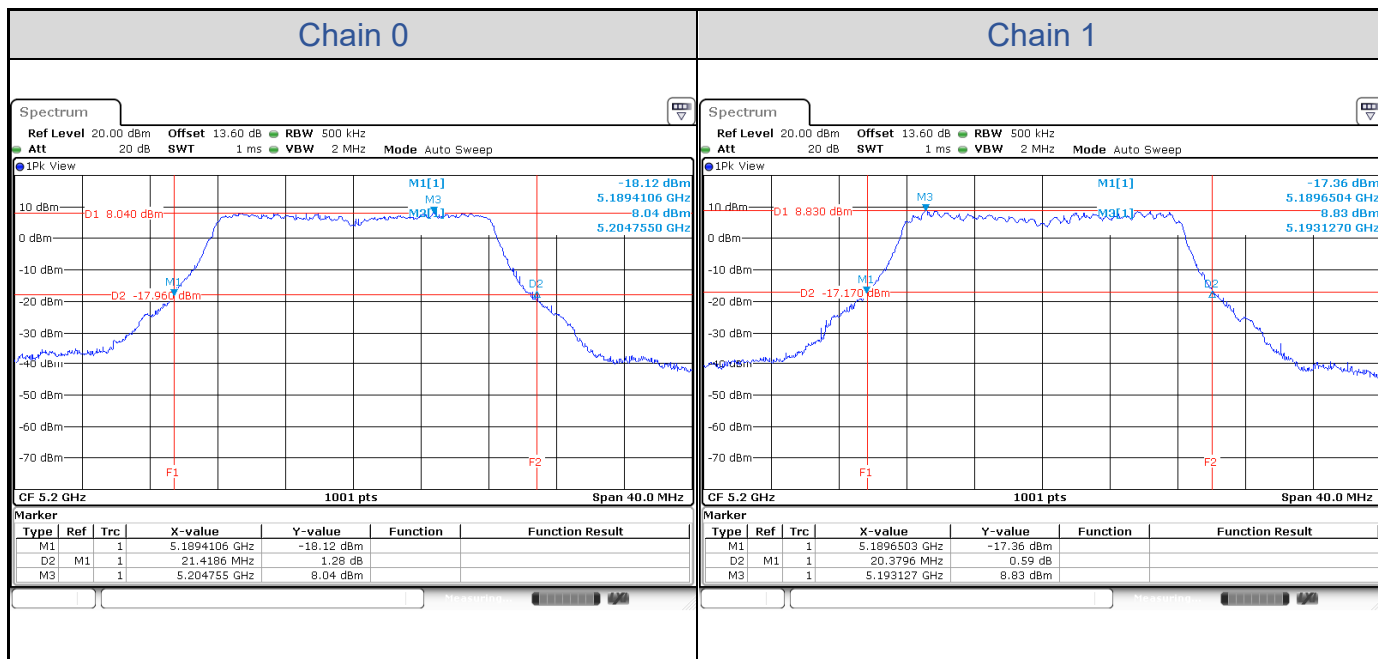
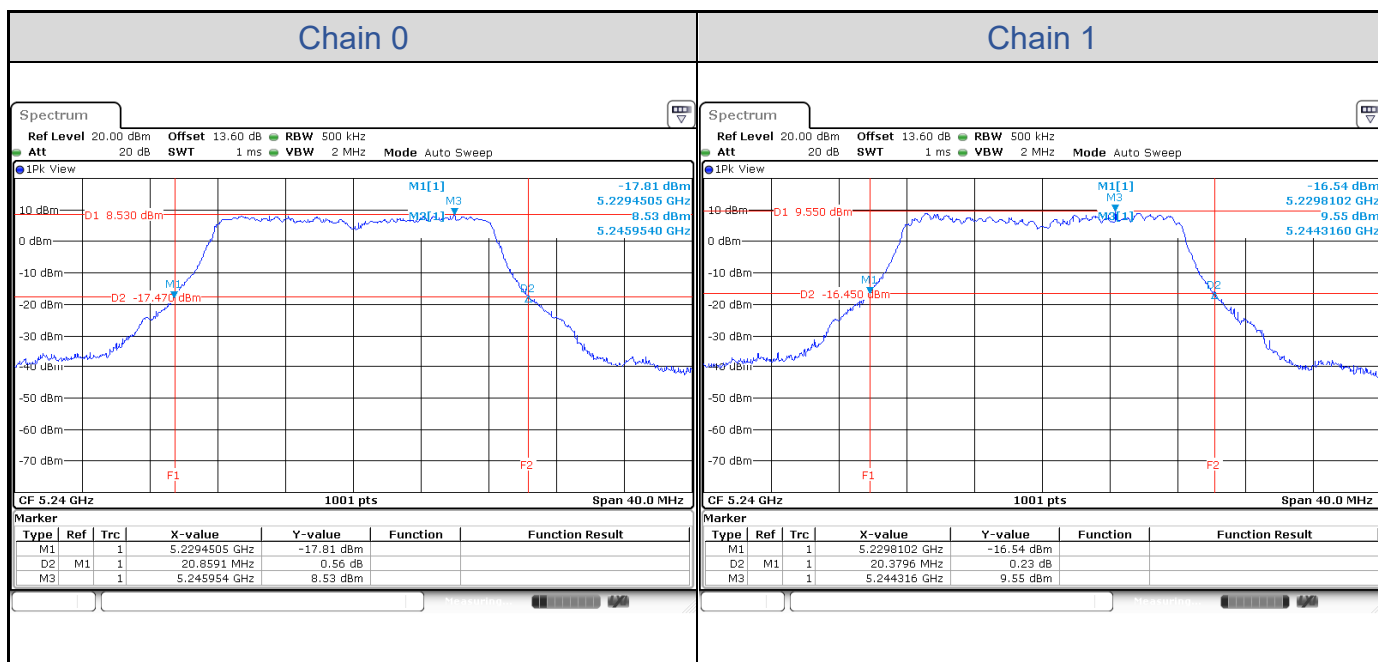
Test Result of 26 dB Bandwidth

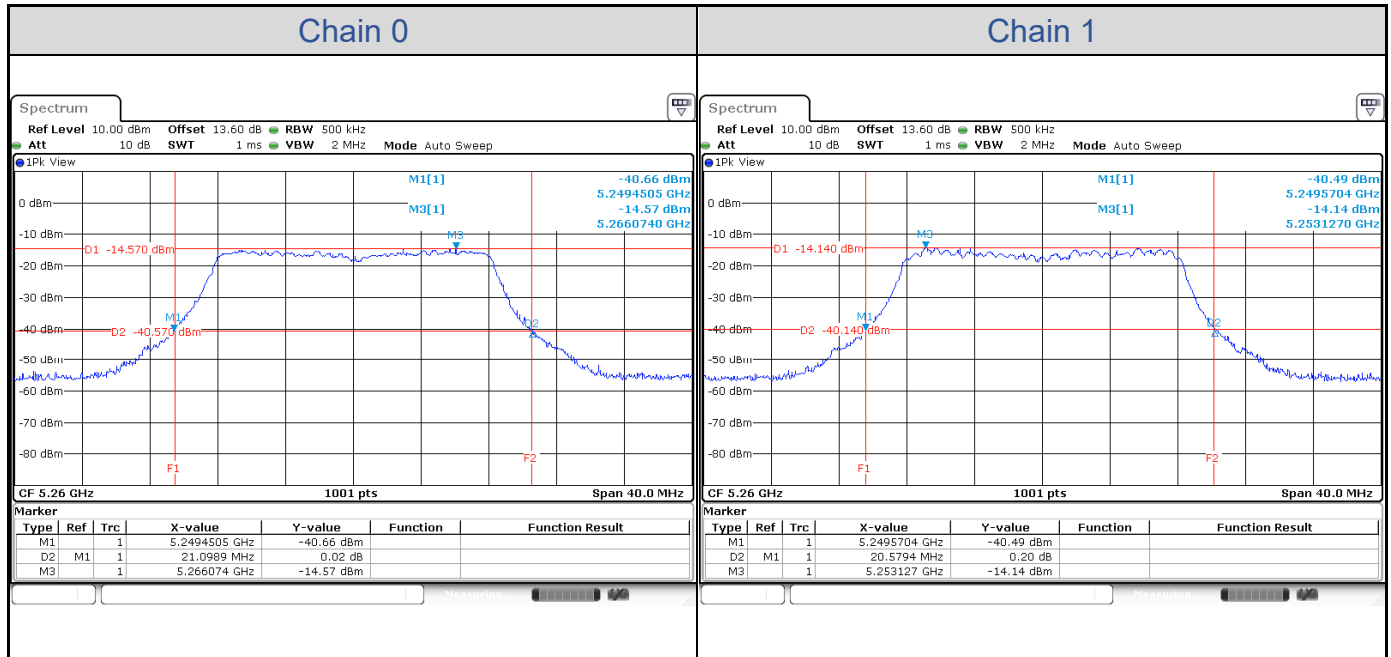
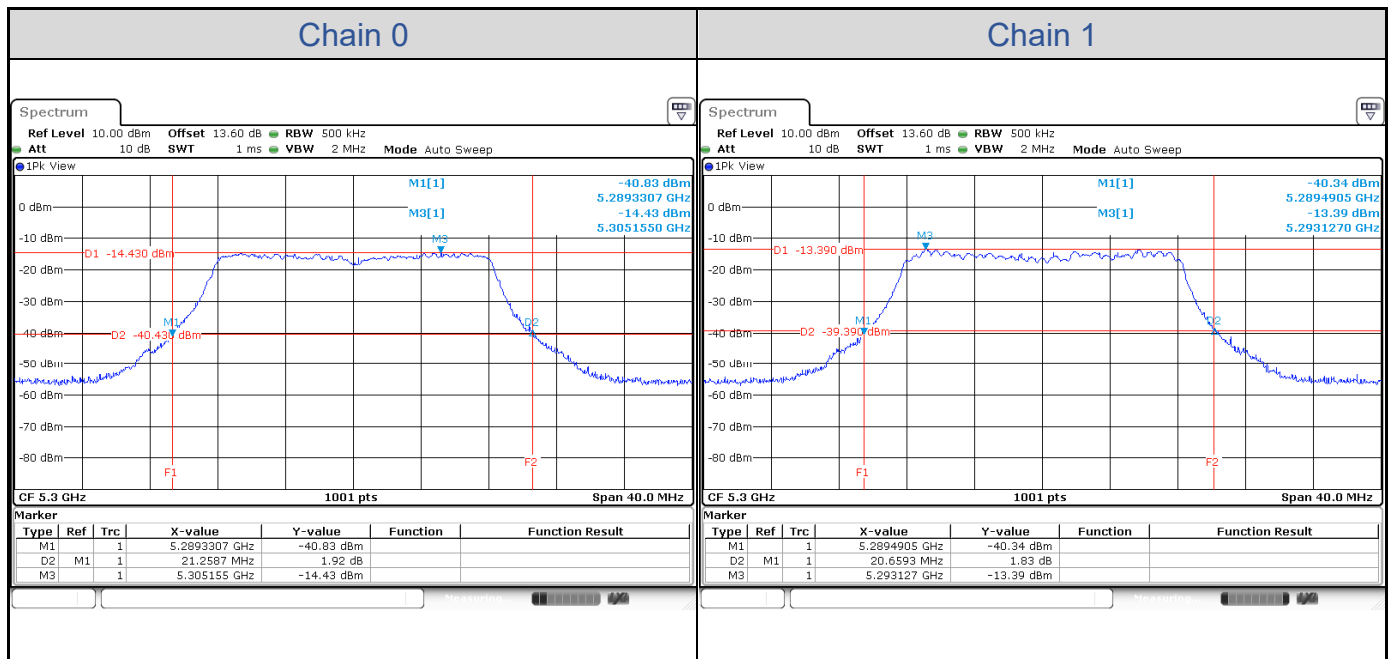
802.11a

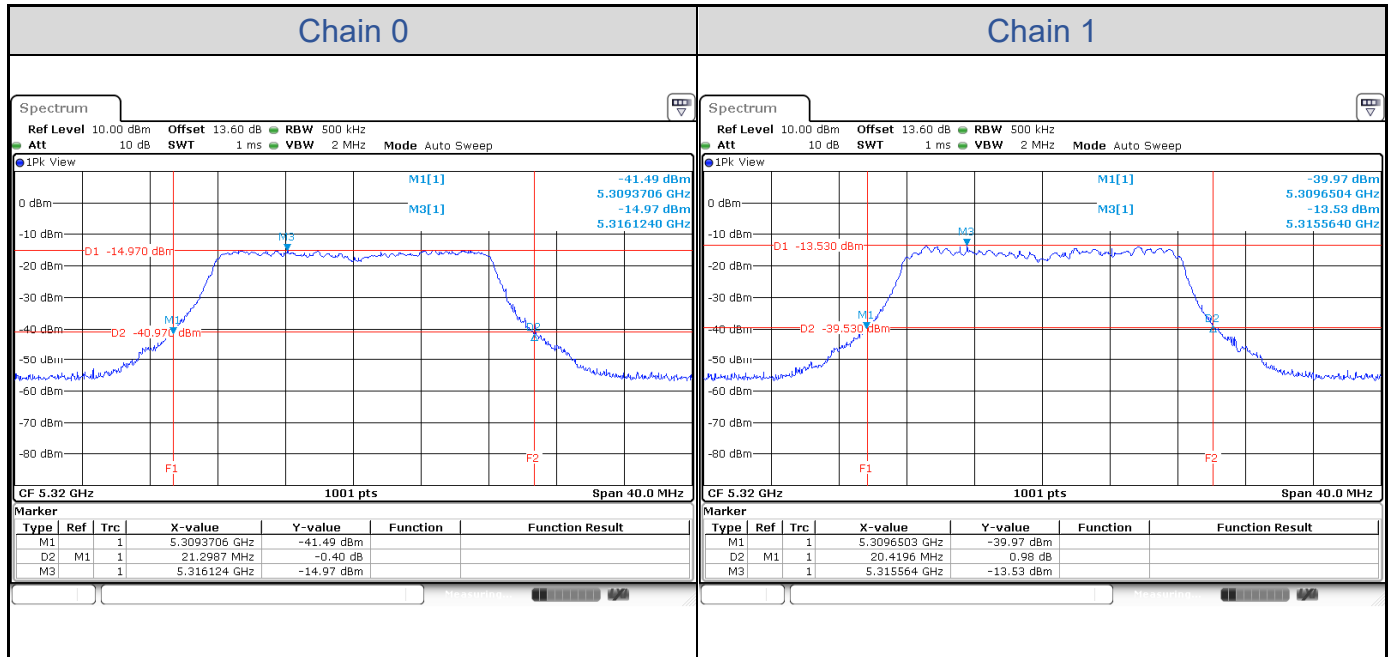
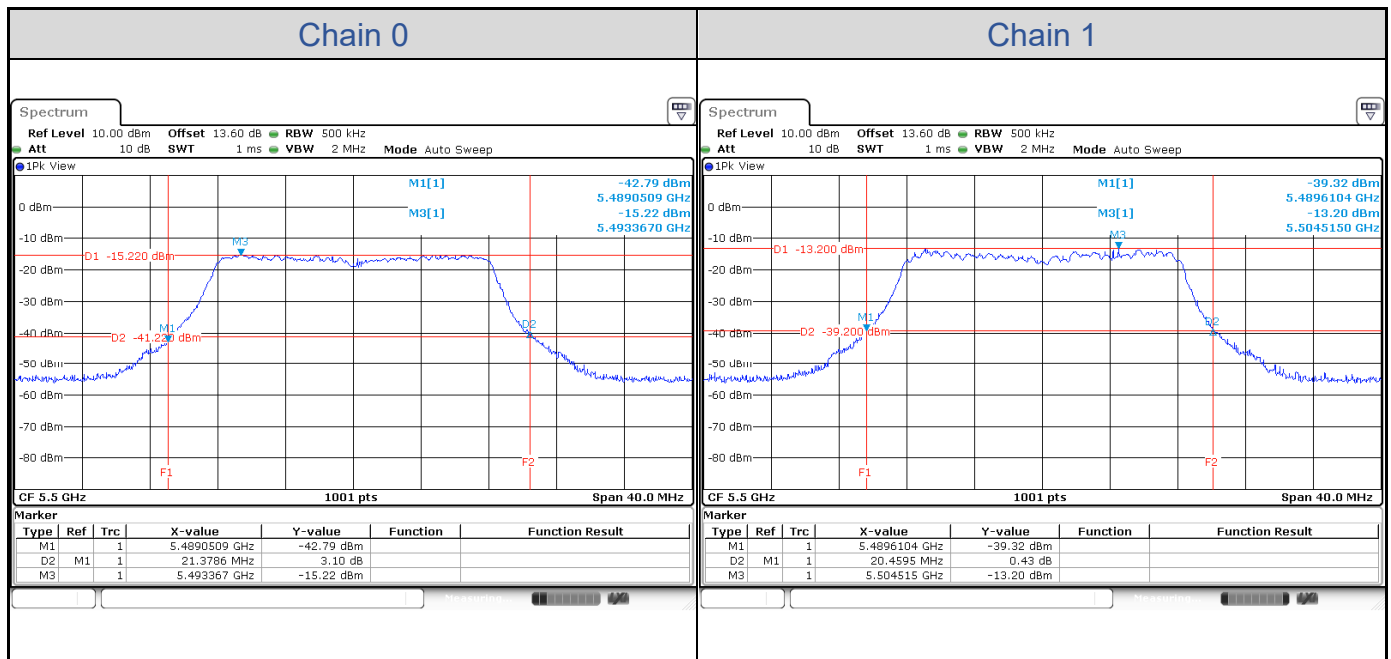
Band	Channel	Frequency (MHz)	26 dB Bandwidth (MHz)	
			Chain 0	Chain 1
U-NII-1	36	5180	20.98	20.42
	40	5200	21.42	20.38
	48	5240	20.86	20.38
U-NII-2A	52	5260	21.10	20.58
	60	5300	21.26	20.66
	64	5320	21.30	20.42
U-NII-2C	100	5500	21.38	20.46
	116	5580	21.06	20.62
	140	5700	21.10	20.50

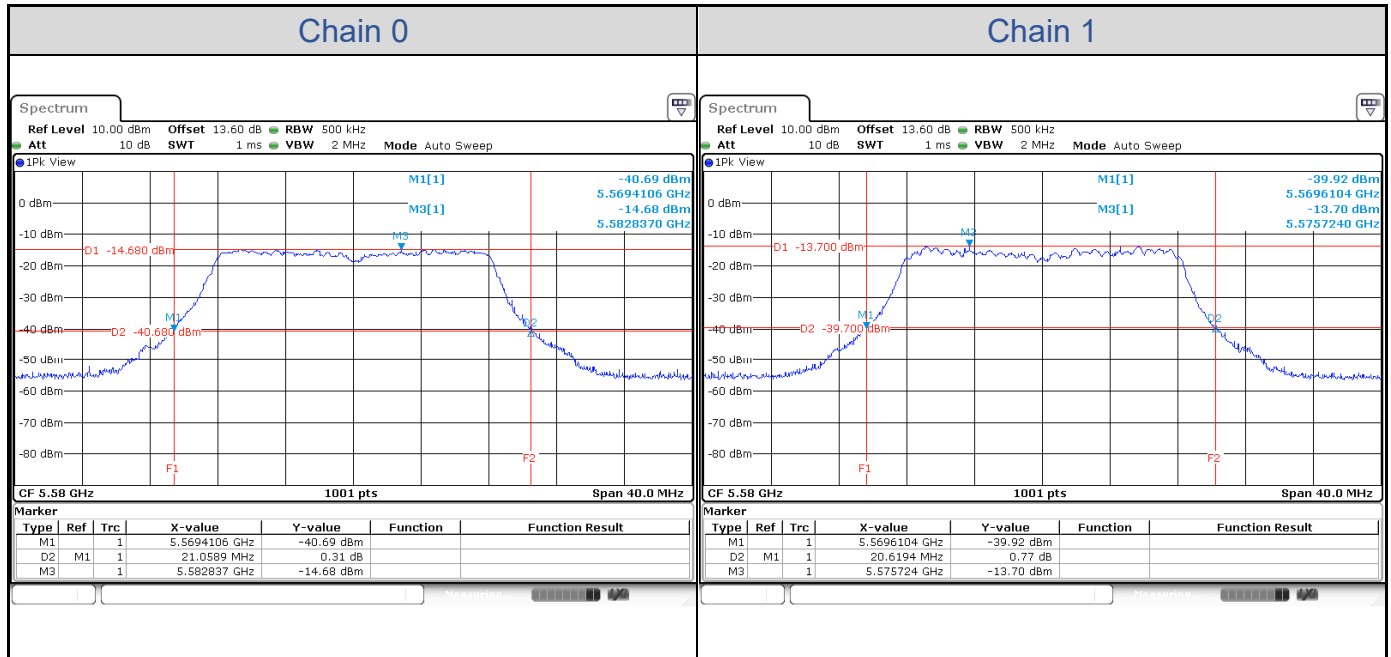
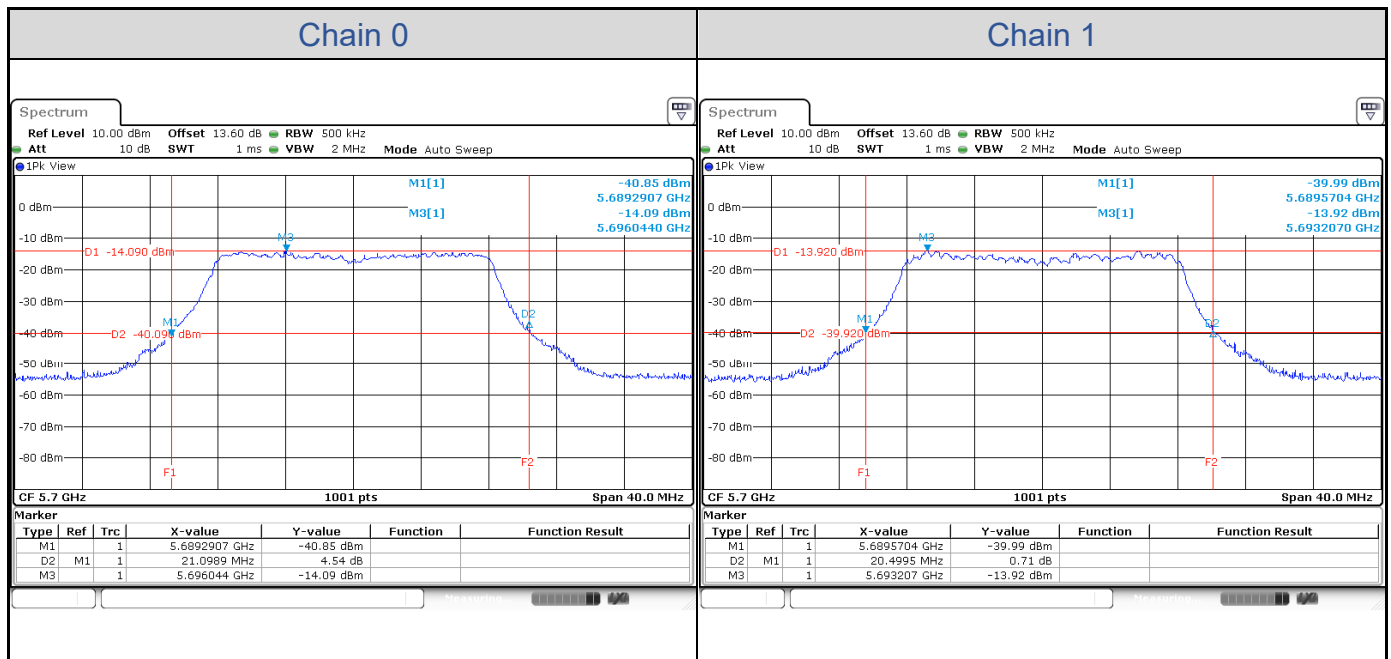
802.11a-Channel 36



802.11a-Channel 40

802.11a-Channel 48


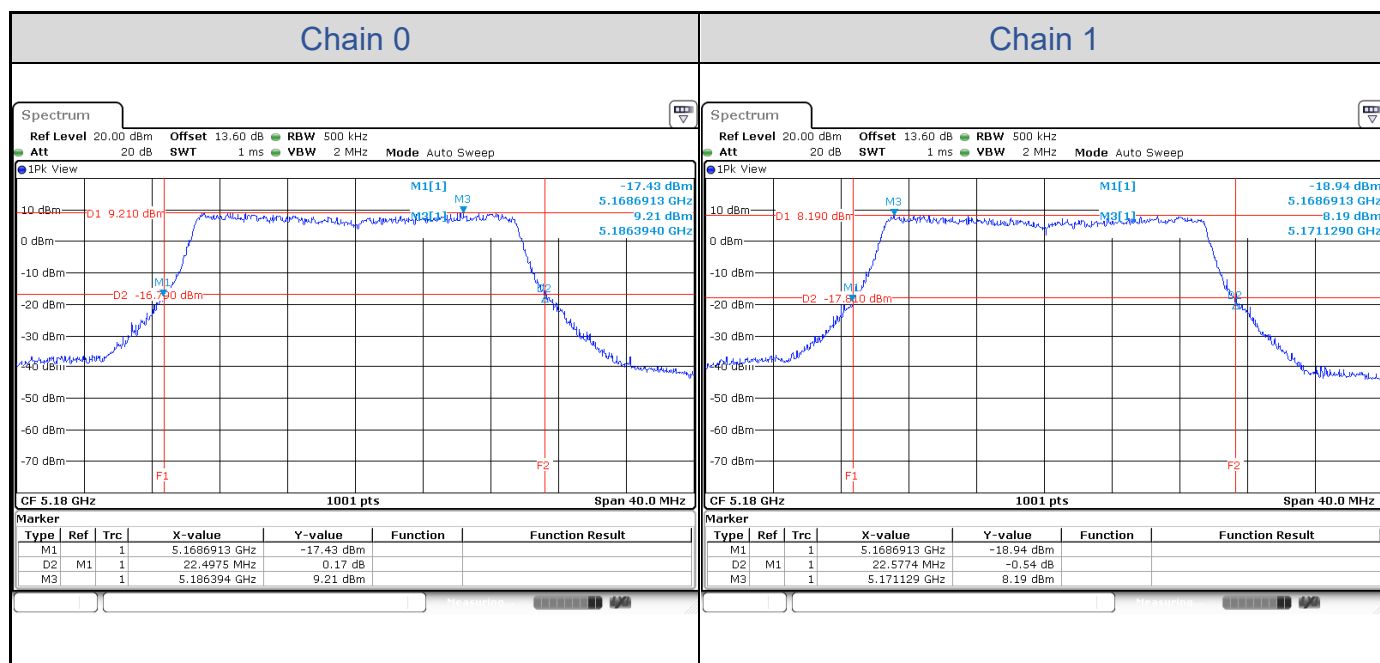
802.11a-Channel 52

802.11a-Channel 60


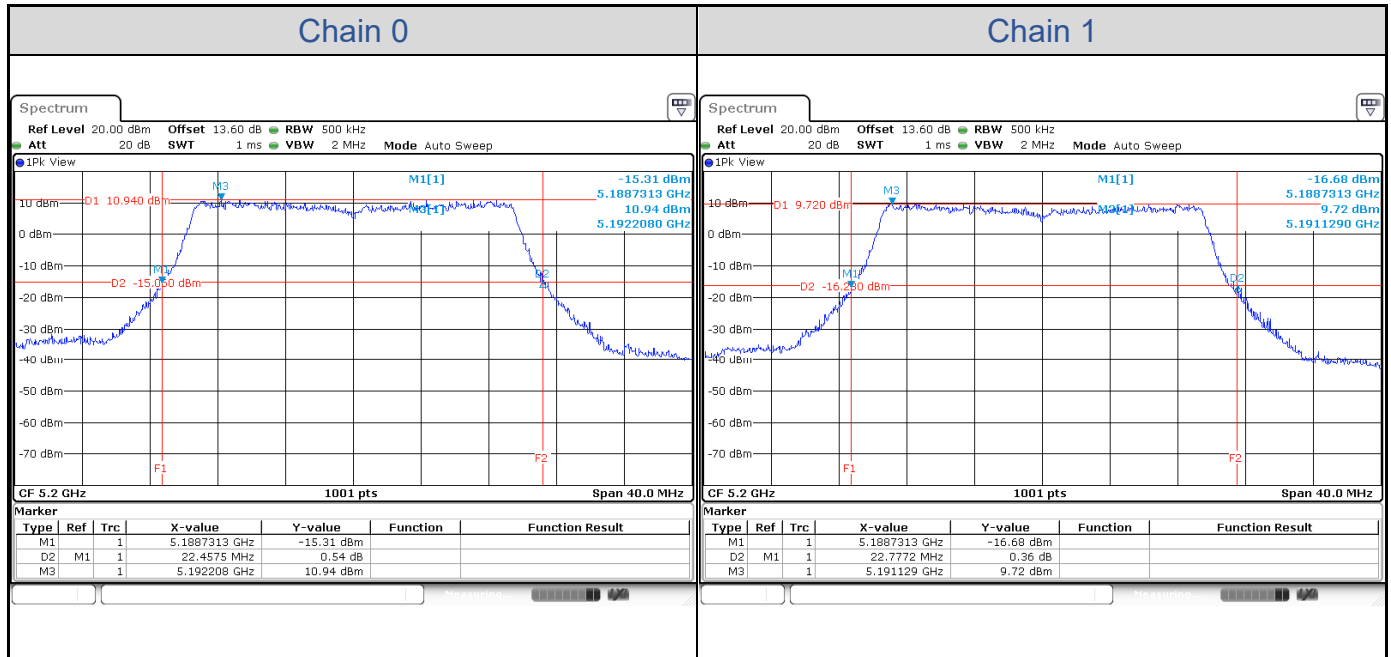
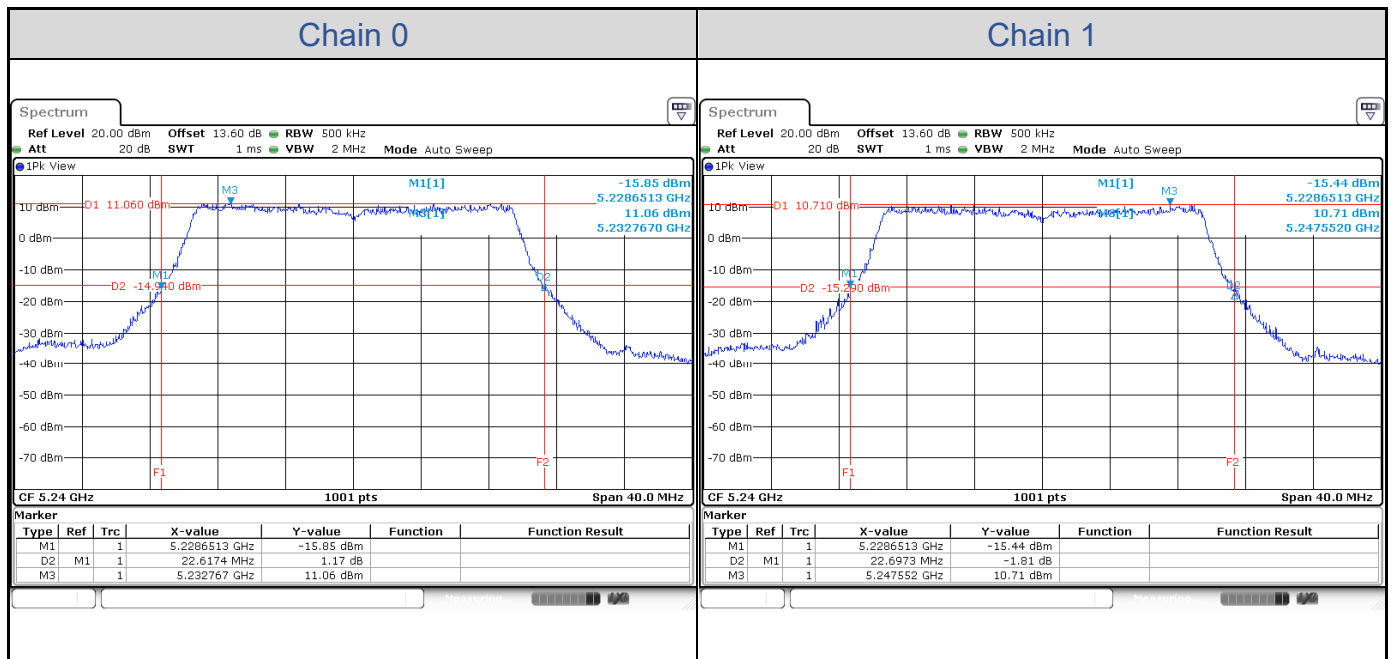
802.11a-Channel 64

802.11a-Channel 100


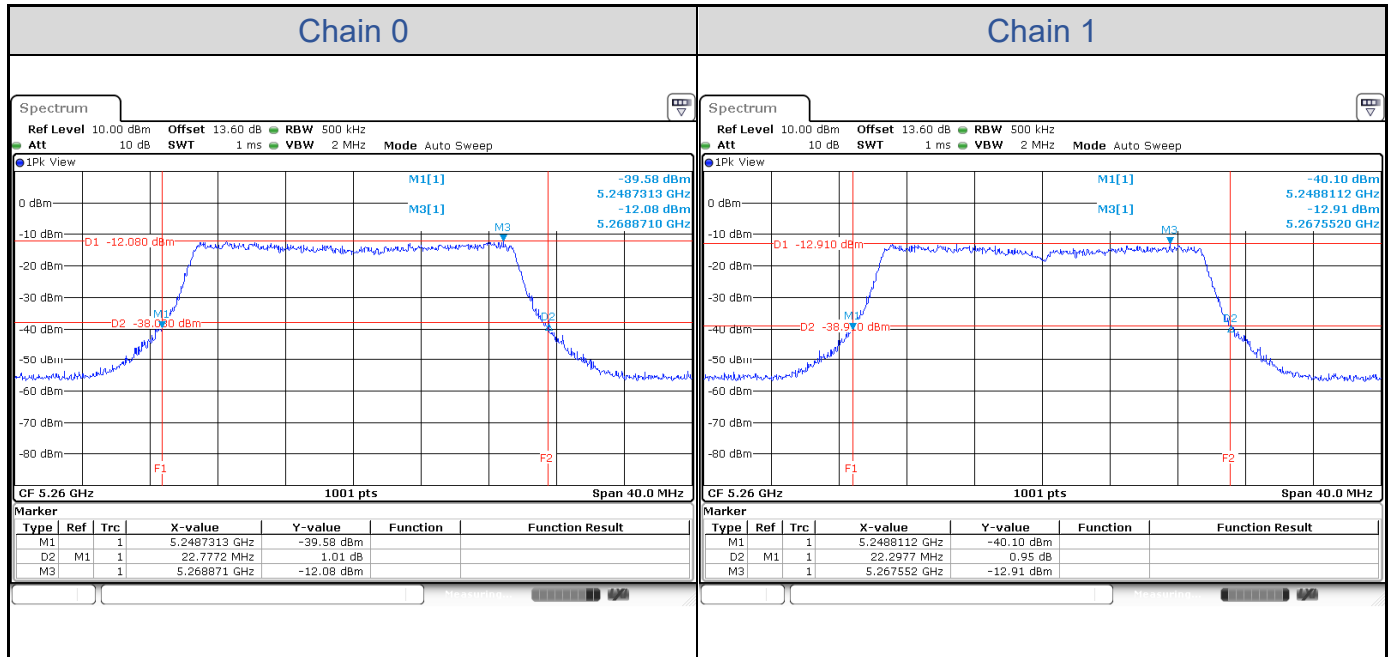
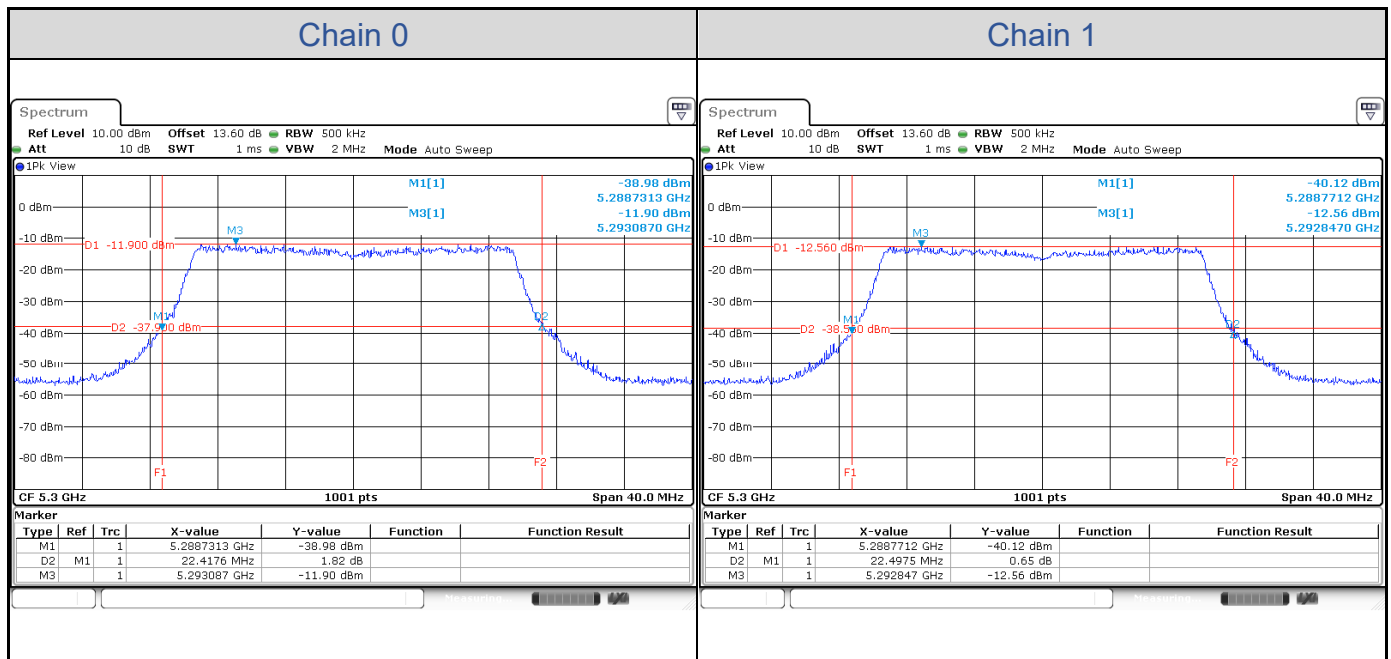
802.11a-Channel 116

802.11a-Channel 140


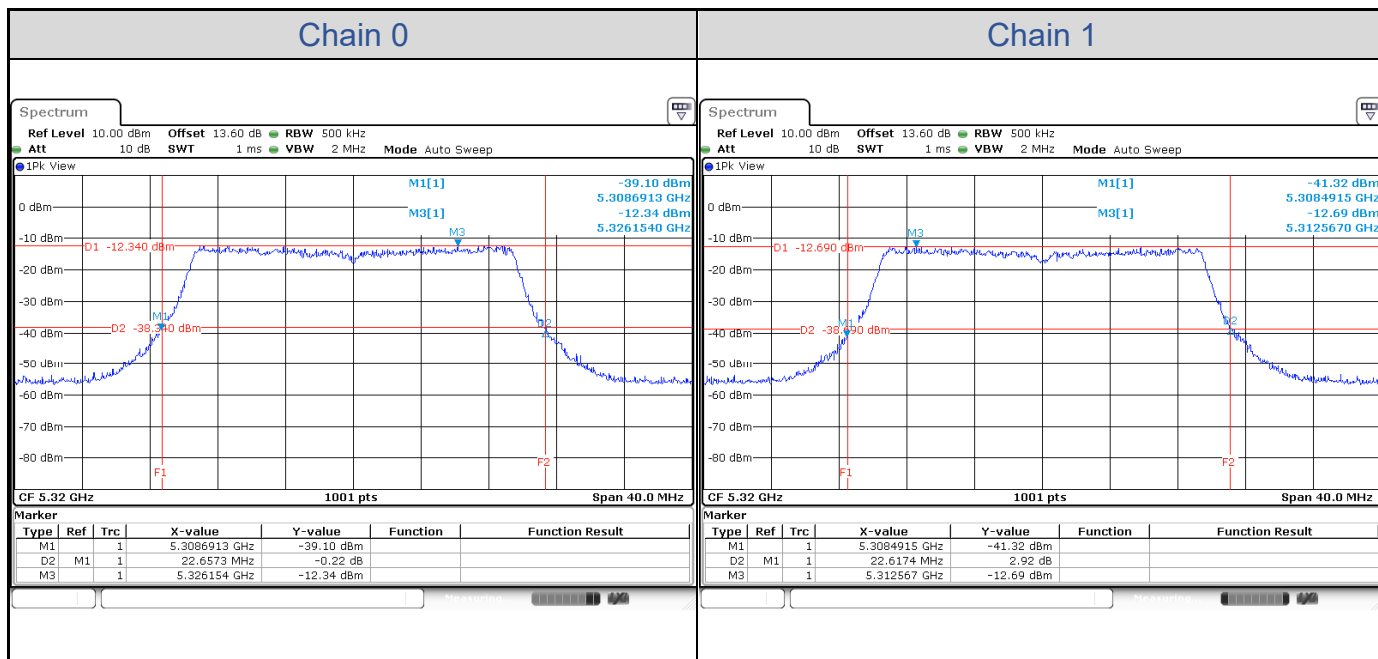
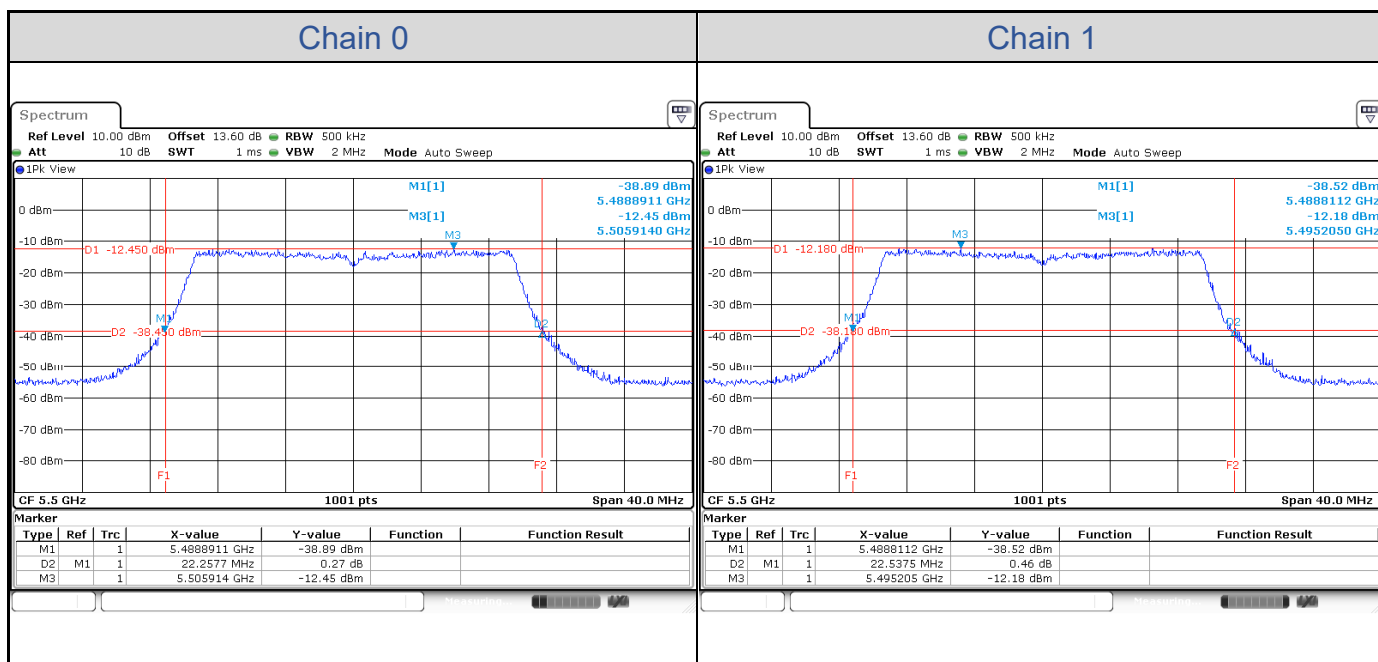
802.11ax HE20

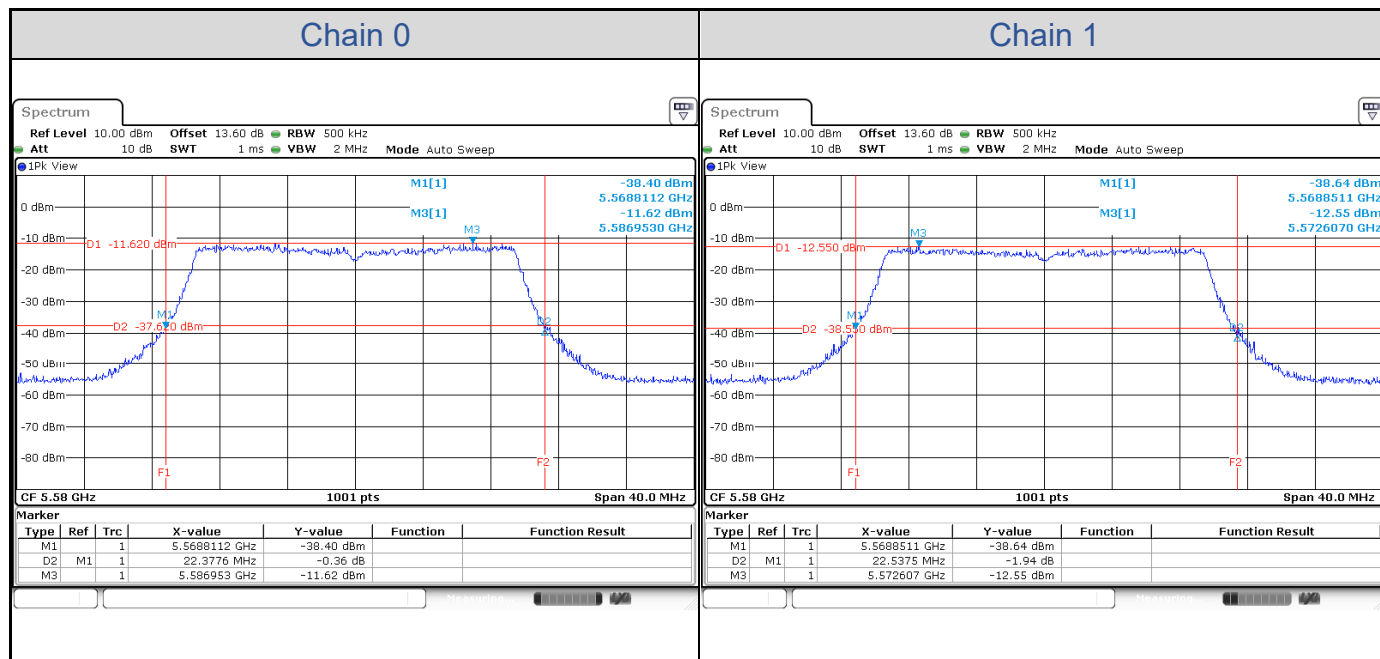
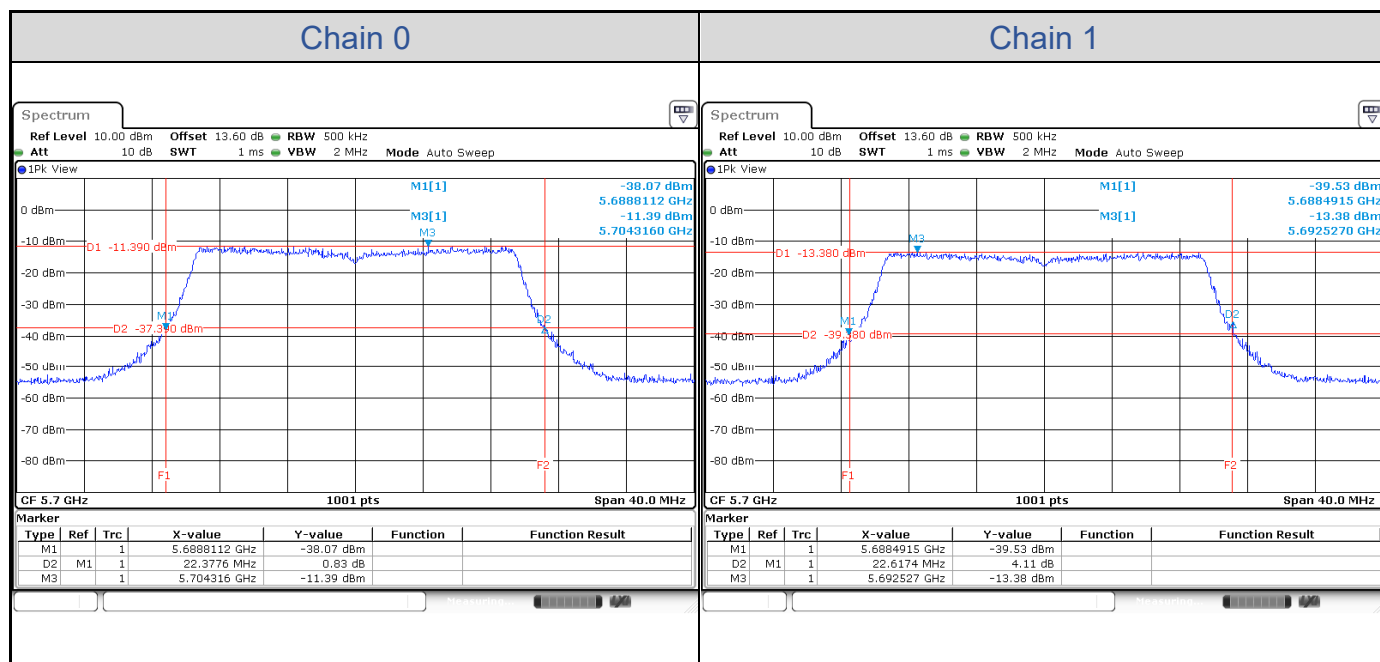
Band	Channel	Frequency (MHz)	26 dB Bandwidth (MHz)	
			Chain 0	Chain 1
U-NII-1	36	5180	22.50	22.58
	40	5200	22.46	22.78
	48	5240	22.62	22.70
U-NII-2A	52	5260	22.78	22.30
	60	5300	22.42	22.50
	64	5320	22.66	22.62
U-NII-2C	100	5500	22.26	22.54
	116	5580	22.38	22.54
	140	5700	22.38	22.62

802.11ax HE20-Channel 36


802.11ax HE20-Channel 40

802.11ax HE20-Channel 48


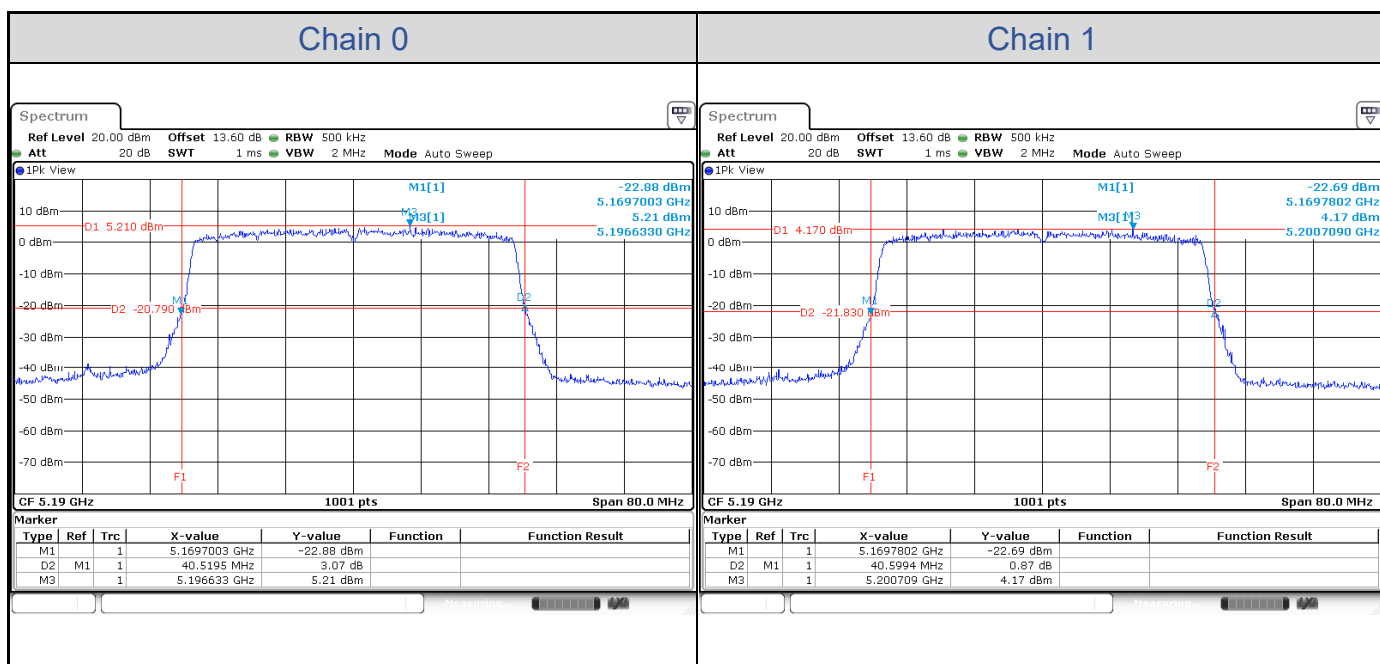
802.11ax HE20-Channel 52

802.11ax HE20-Channel 60


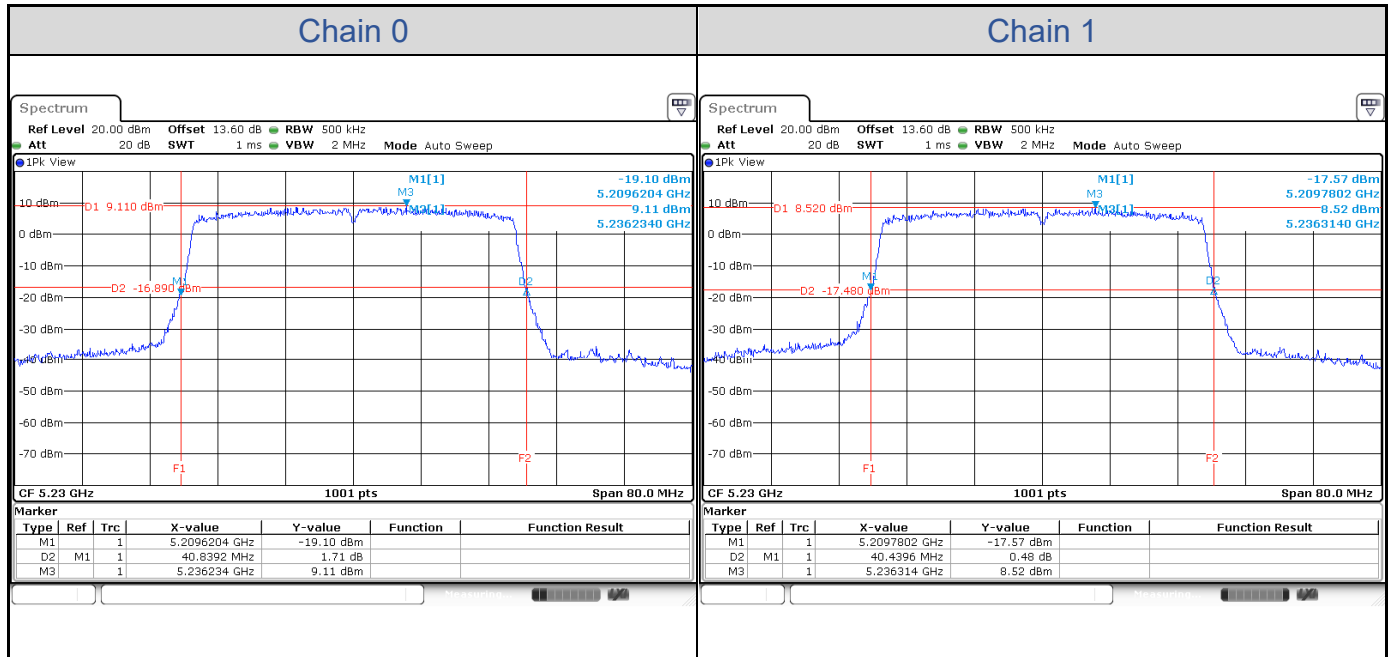
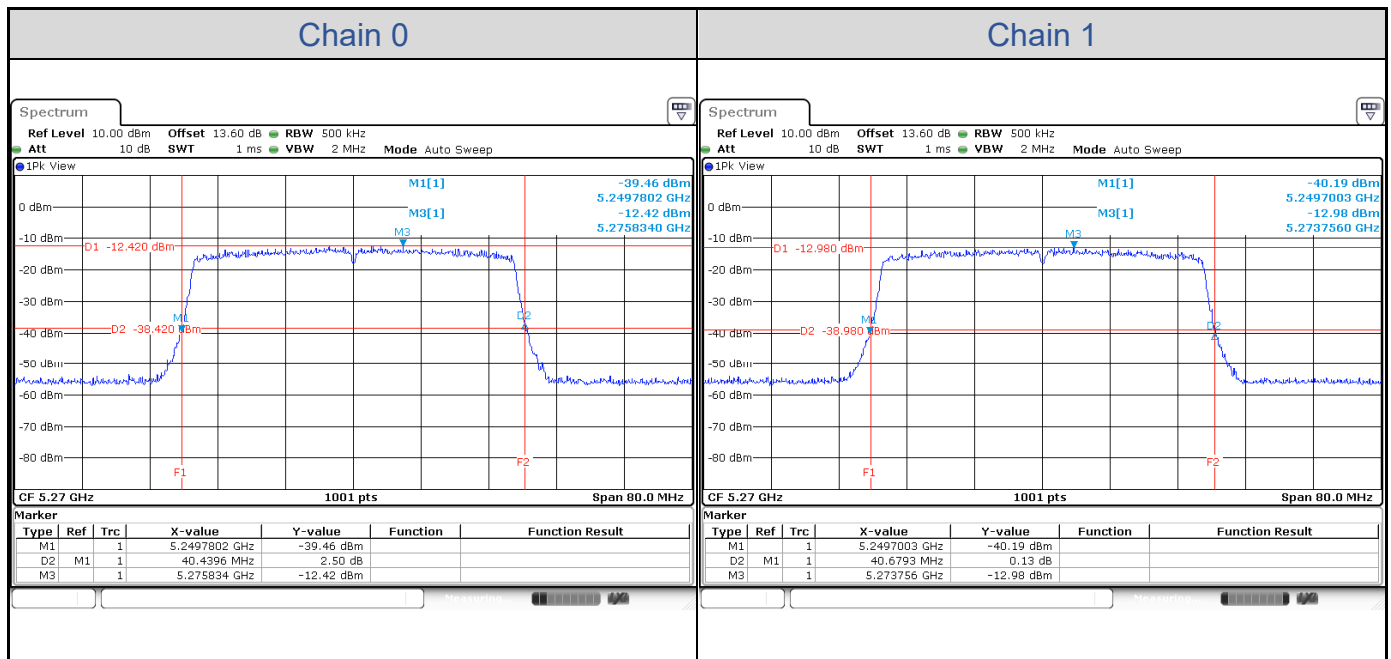
802.11ax HE20-Channel 64

802.11ax HE20-Channel 100


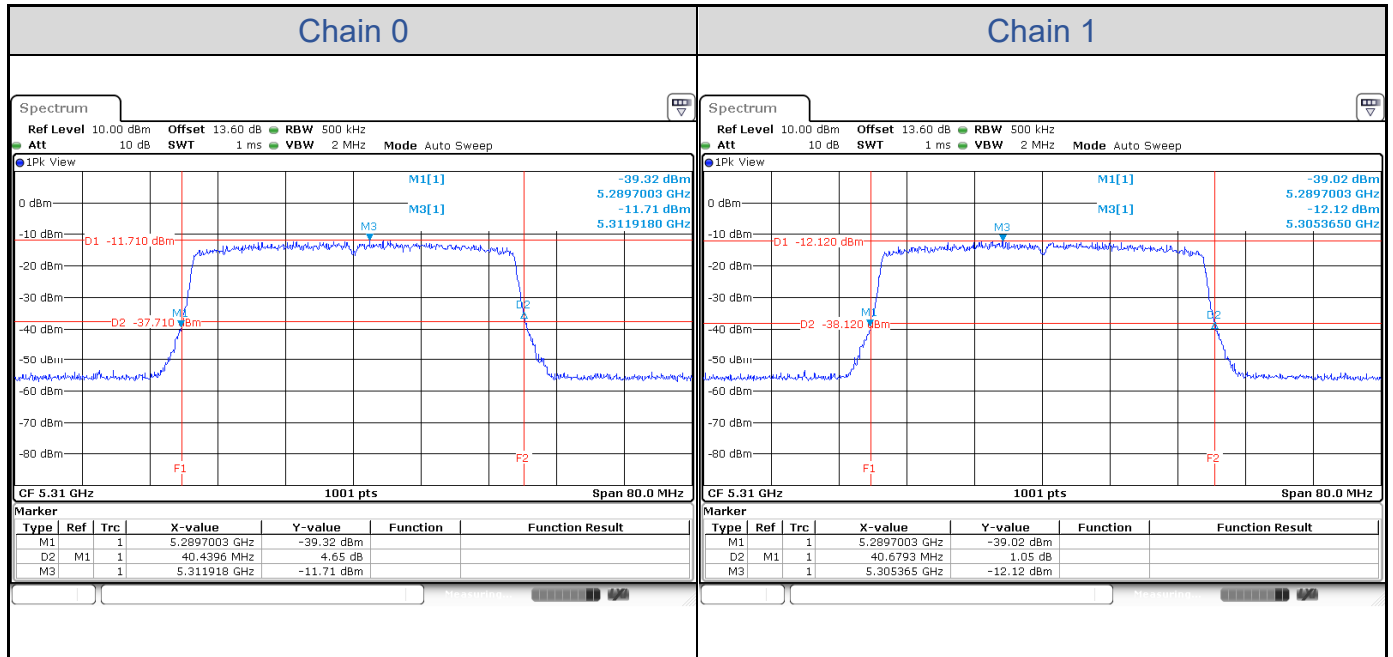
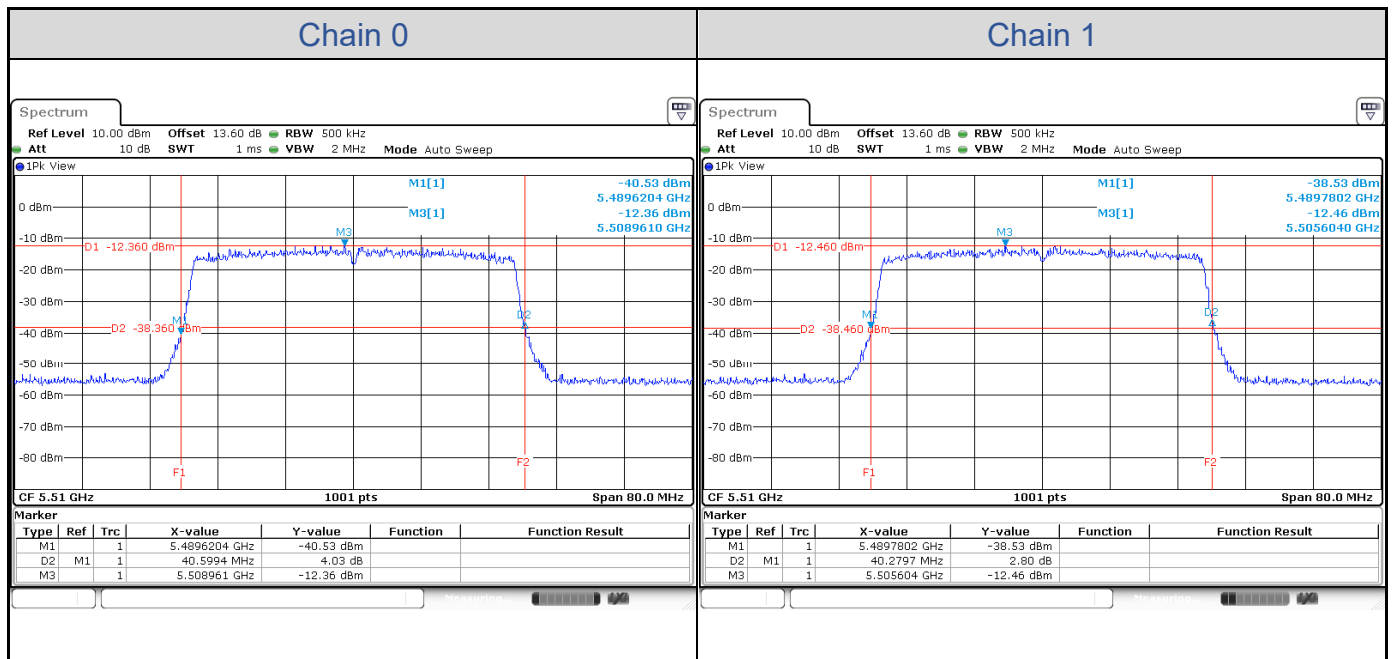
802.11ax HE20-Channel 116

802.11ax HE20-Channel 140


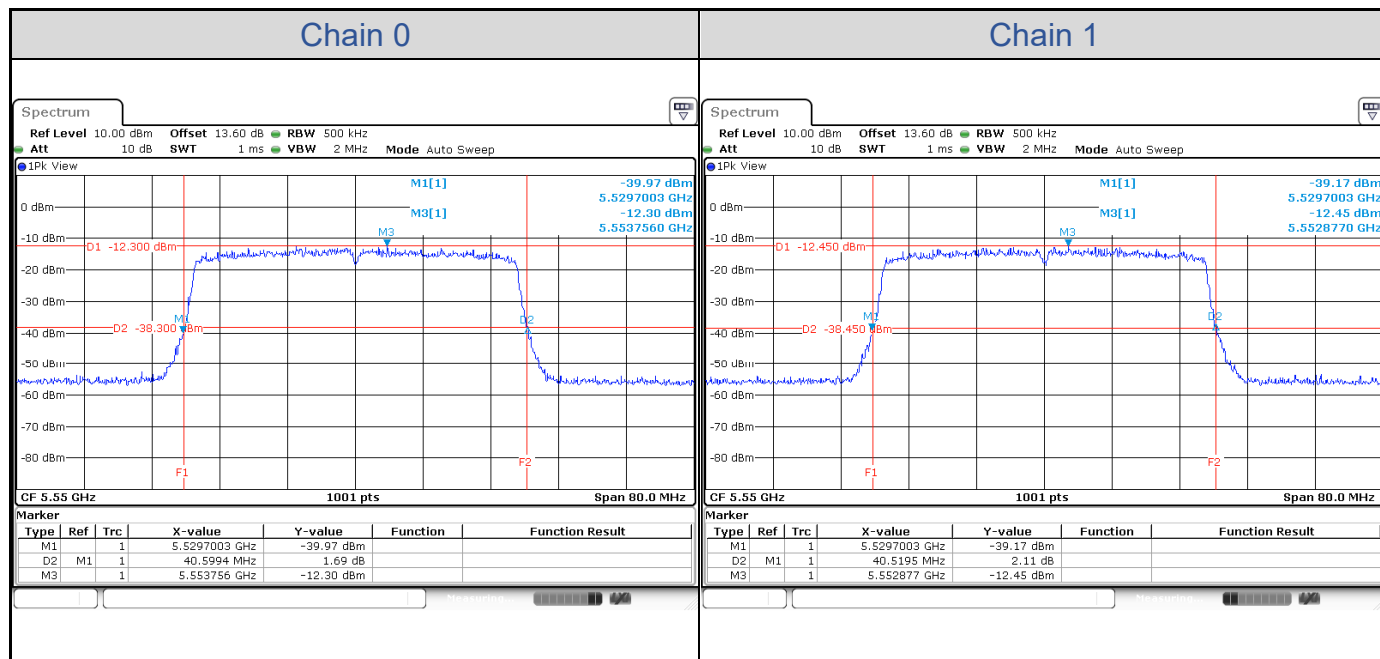
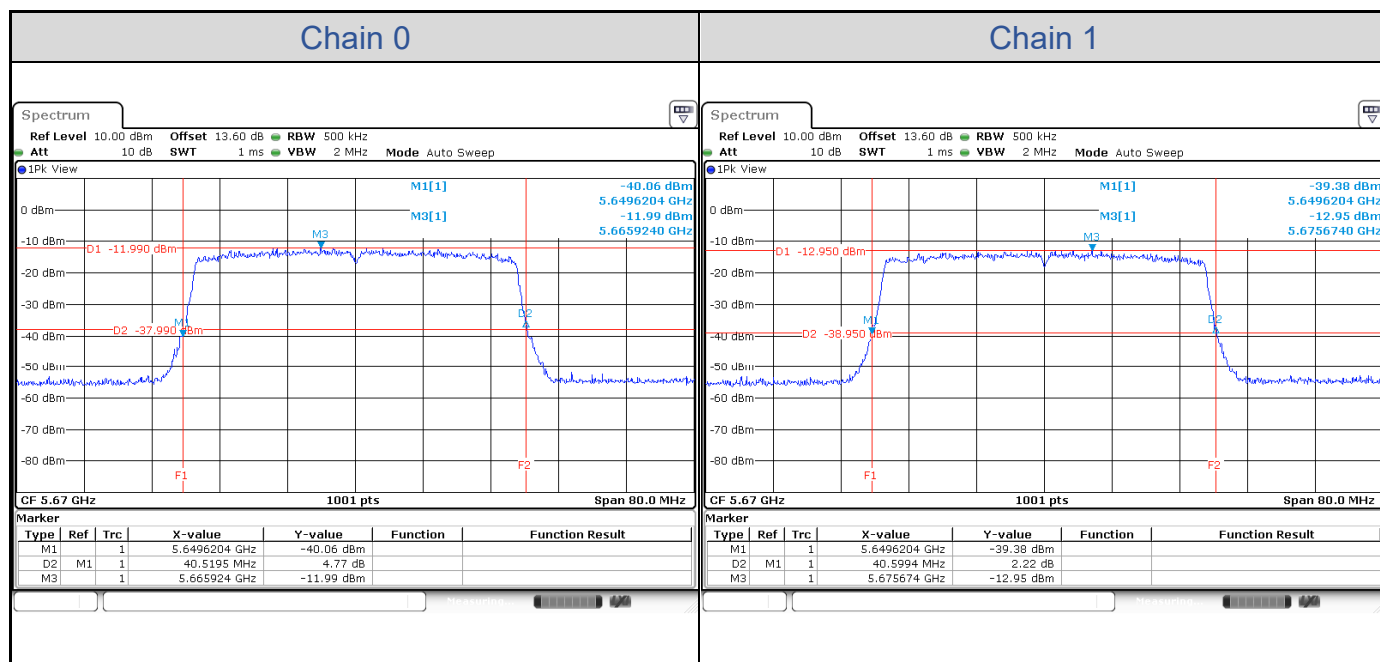
802.11ax HE40

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


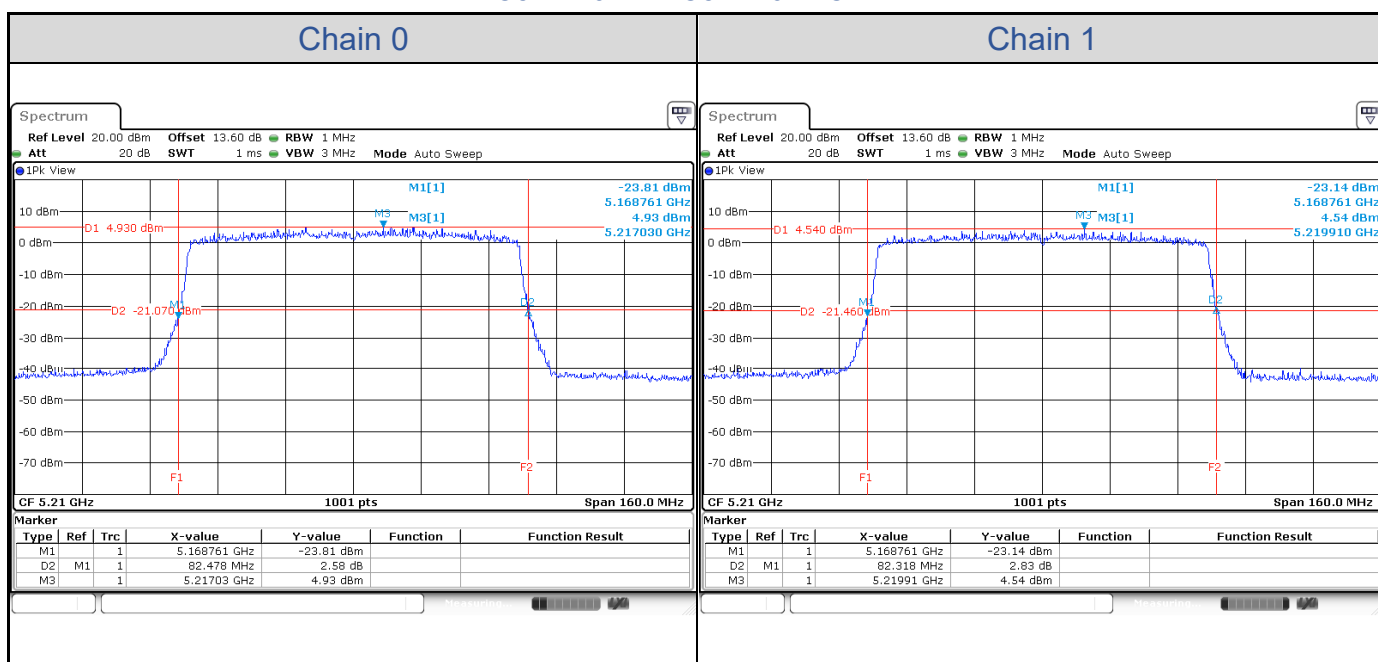
802.11ax HE40-Channel 46

802.11ax HE40-Channel 54


802.11ax HE40-Channel 62

802.11ax HE40-Channel 102


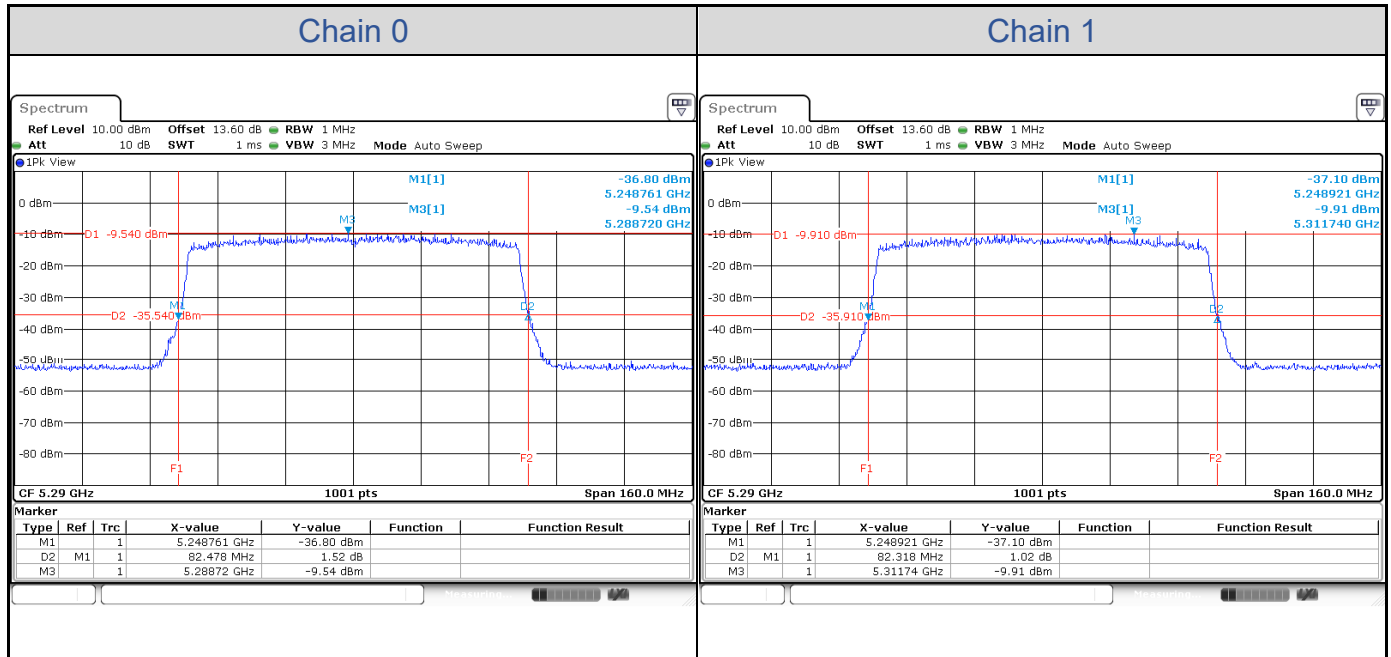
802.11ax HE40-Channel 110

802.11ax HE40-Channel 134


802.11ax HE80

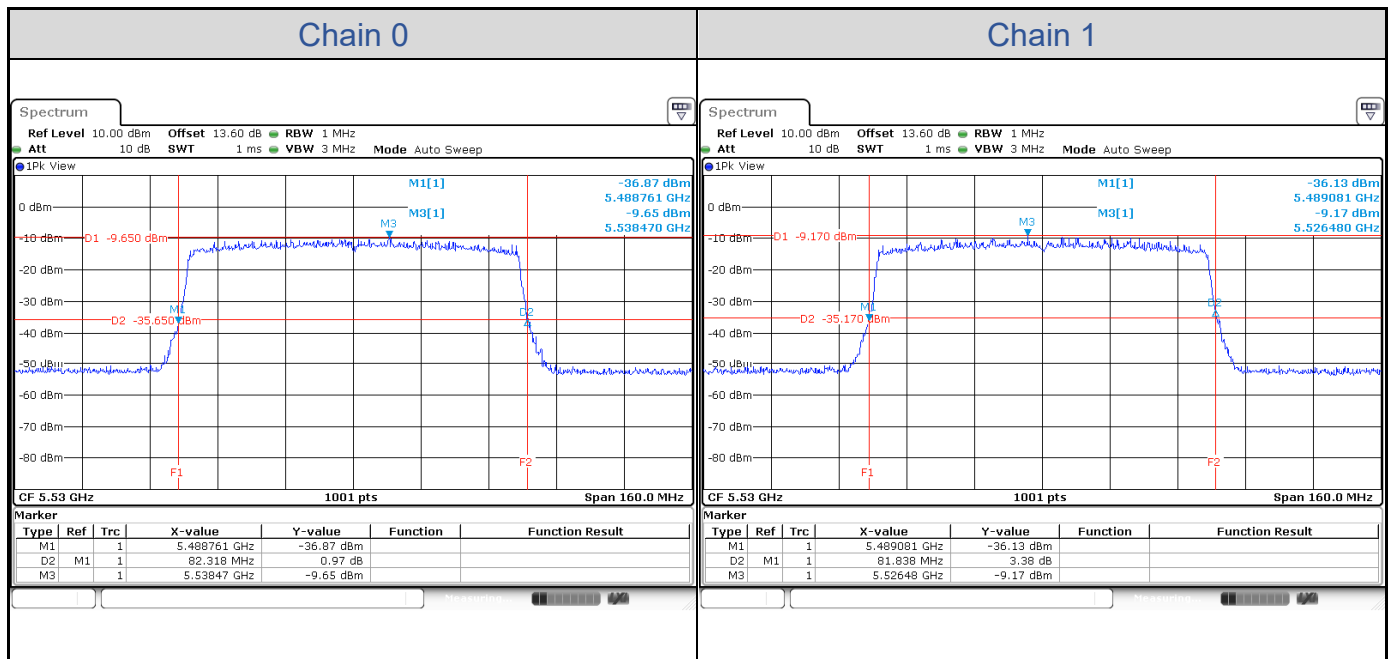
Band	Channel	Frequency (MHz)	26 dB Bandwidth (MHz)	
			Chain 0	Chain 1
U-NII-1	42	5210	82.48	82.32
U-NII-2A	58	5290	82.48	82.32
U-NII-2C	106	5530	82.32	81.84
	122	5610	82.64	81.68

802.11ax HE80-Channel 42


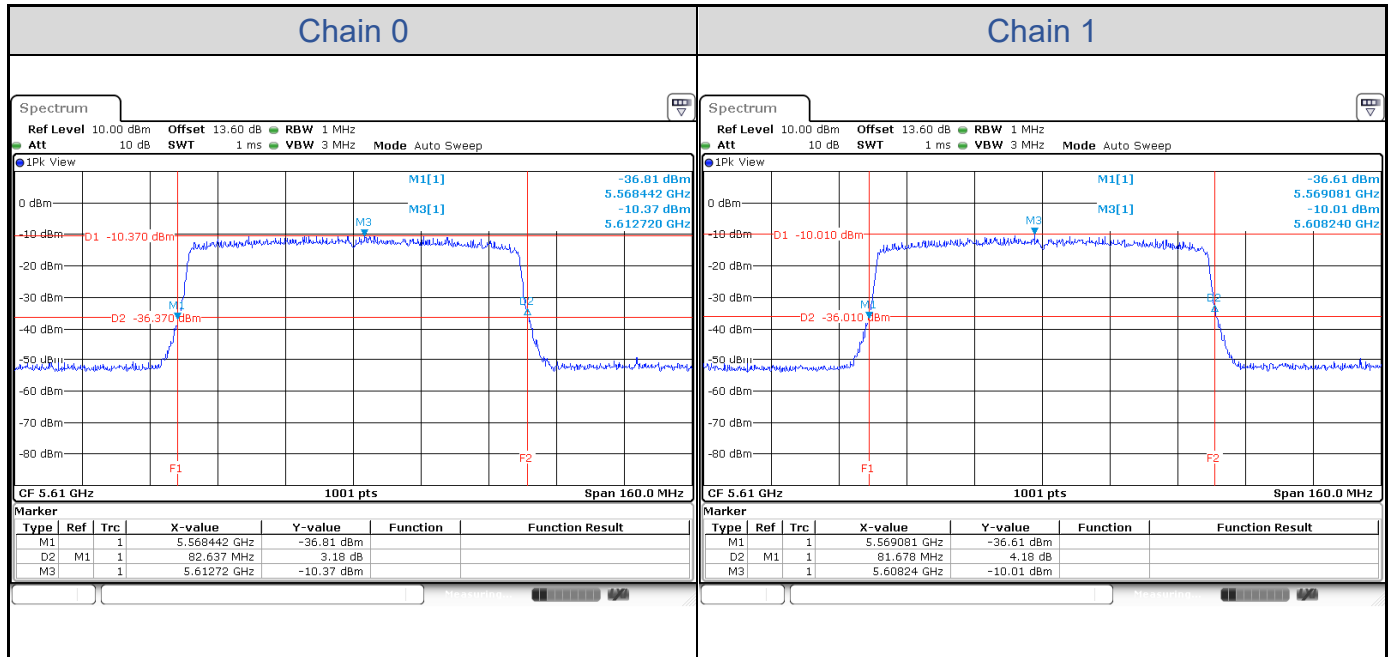
802.11ax HE80-Channel 58



802.11ax HE80-Channel 106

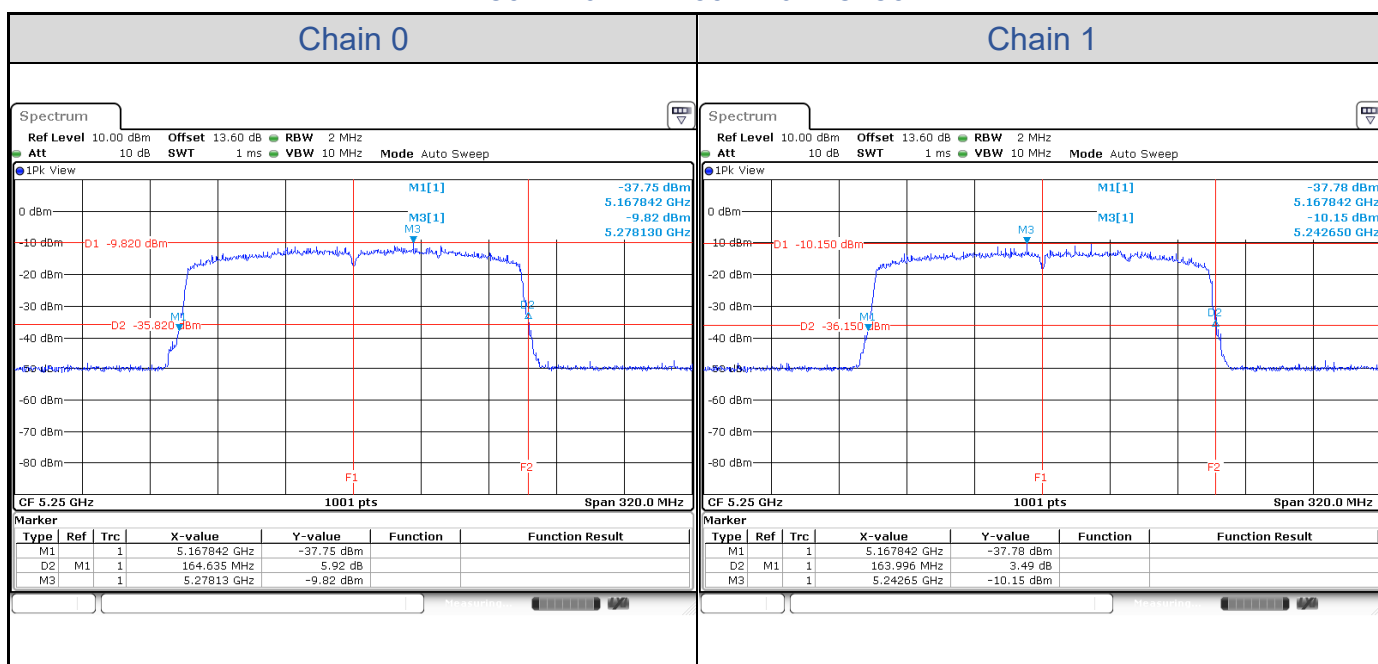
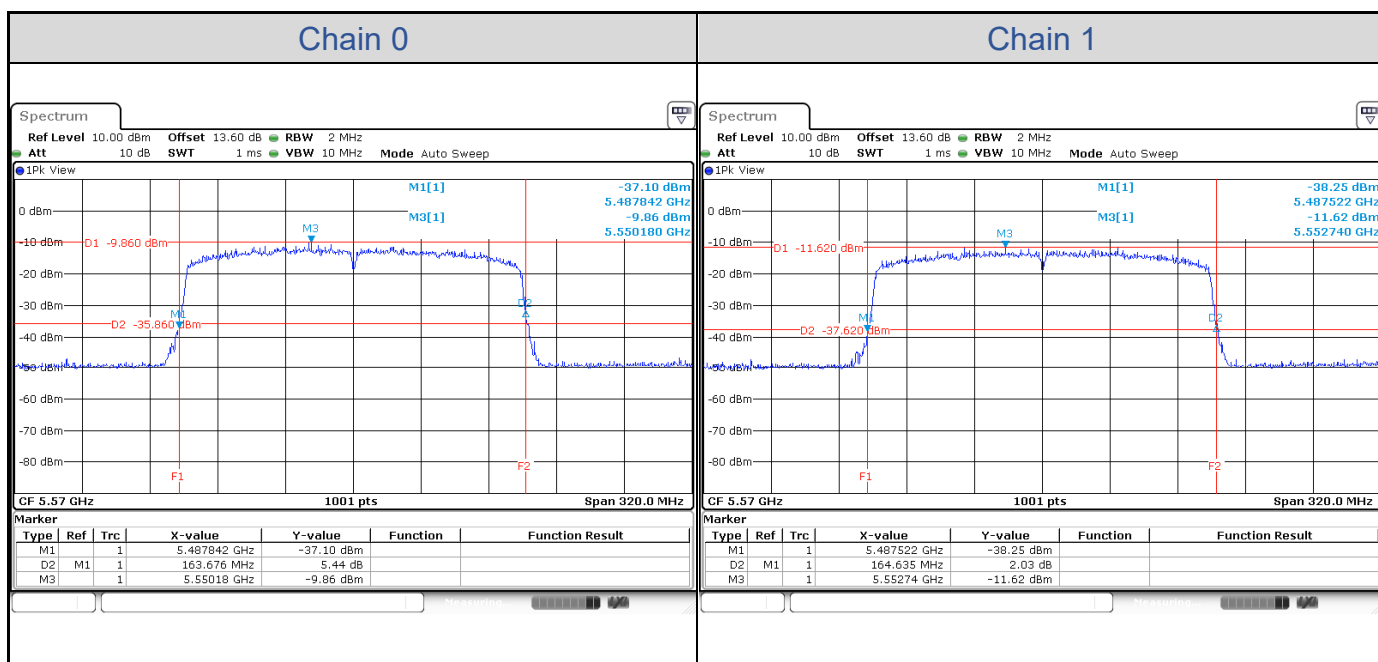


802.11ax HE80-Channel 122



802.11ax HE160

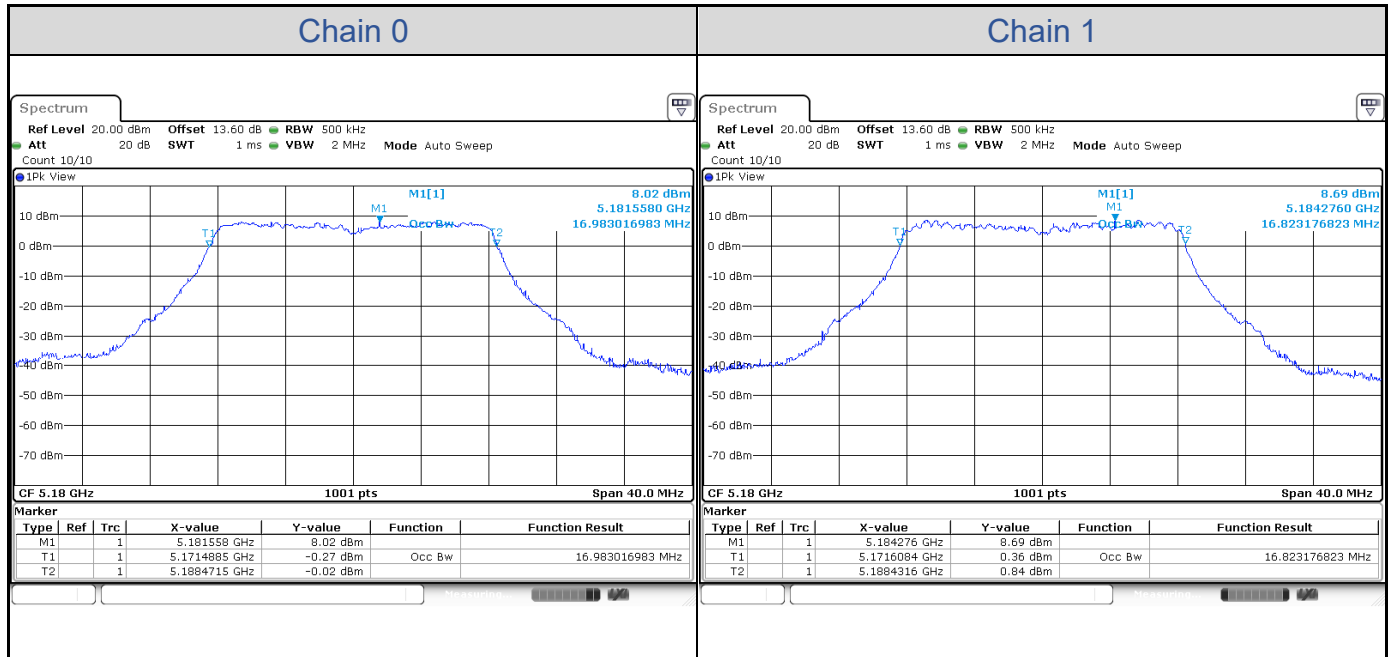
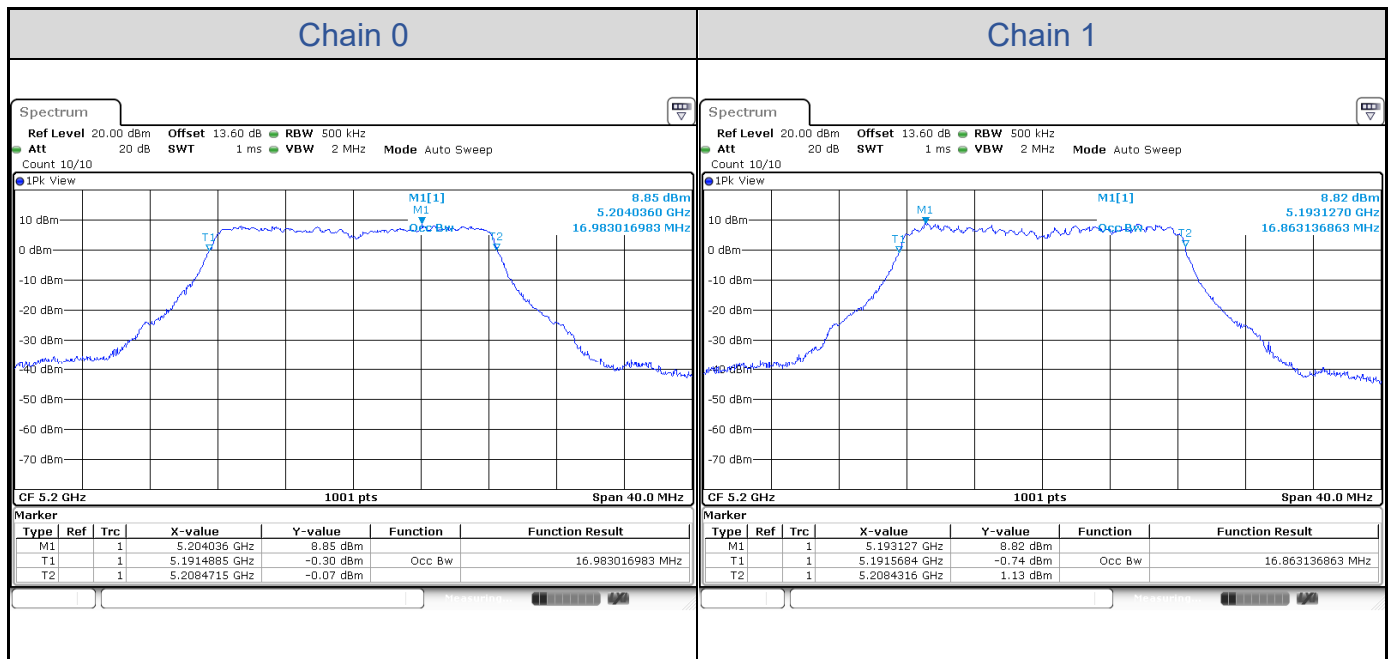
Band	Channel	Frequency (MHz)	26 dB Bandwidth (MHz)	
			Chain 0	Chain 1
U-NII-1	50	5250	82.16	82.16
U-NII-2A	50	5250	82.48	81.84
U-NII-2C	114	5570	163.68	164.64

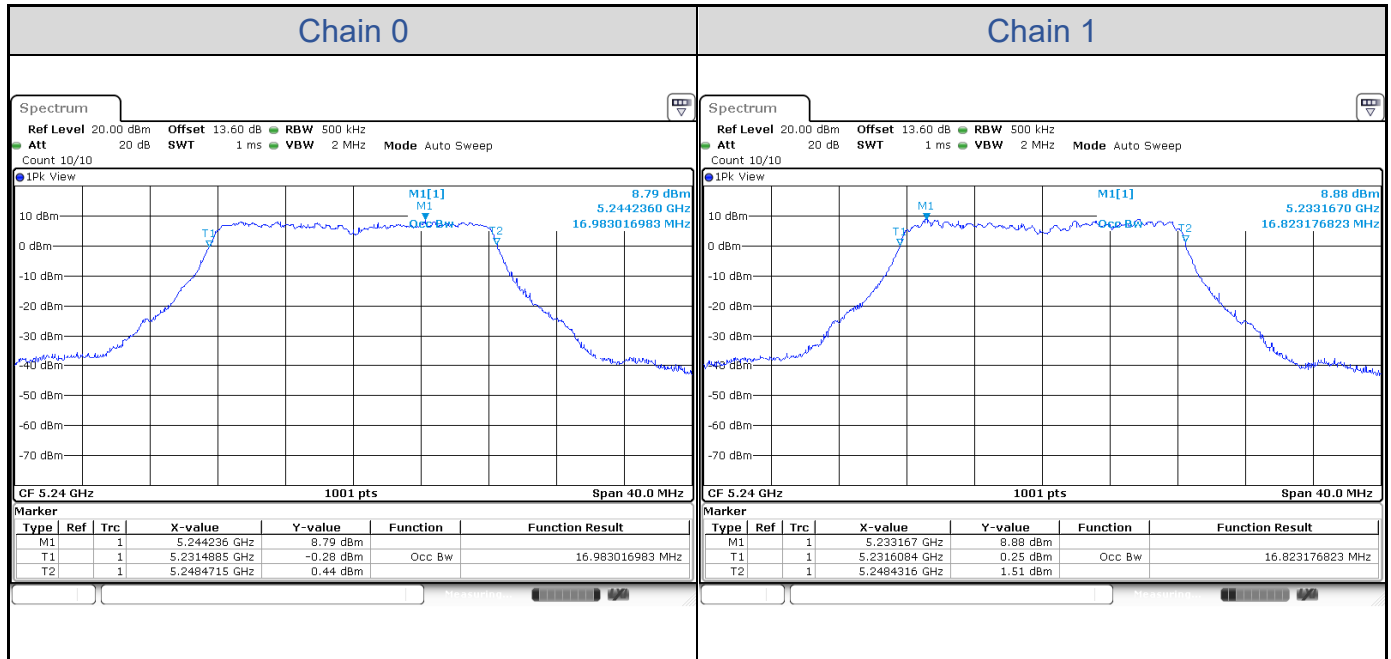
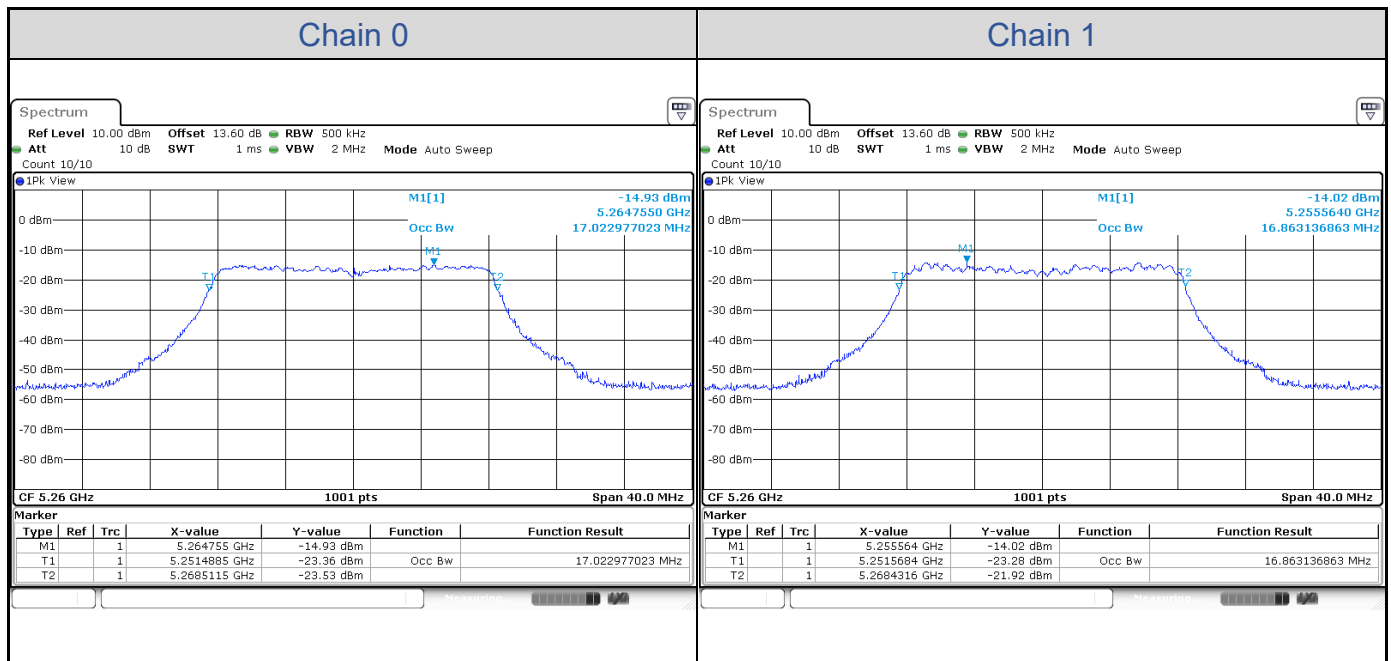
802.11ax HE160-Channel 50

802.11ax HE160-Channel 114


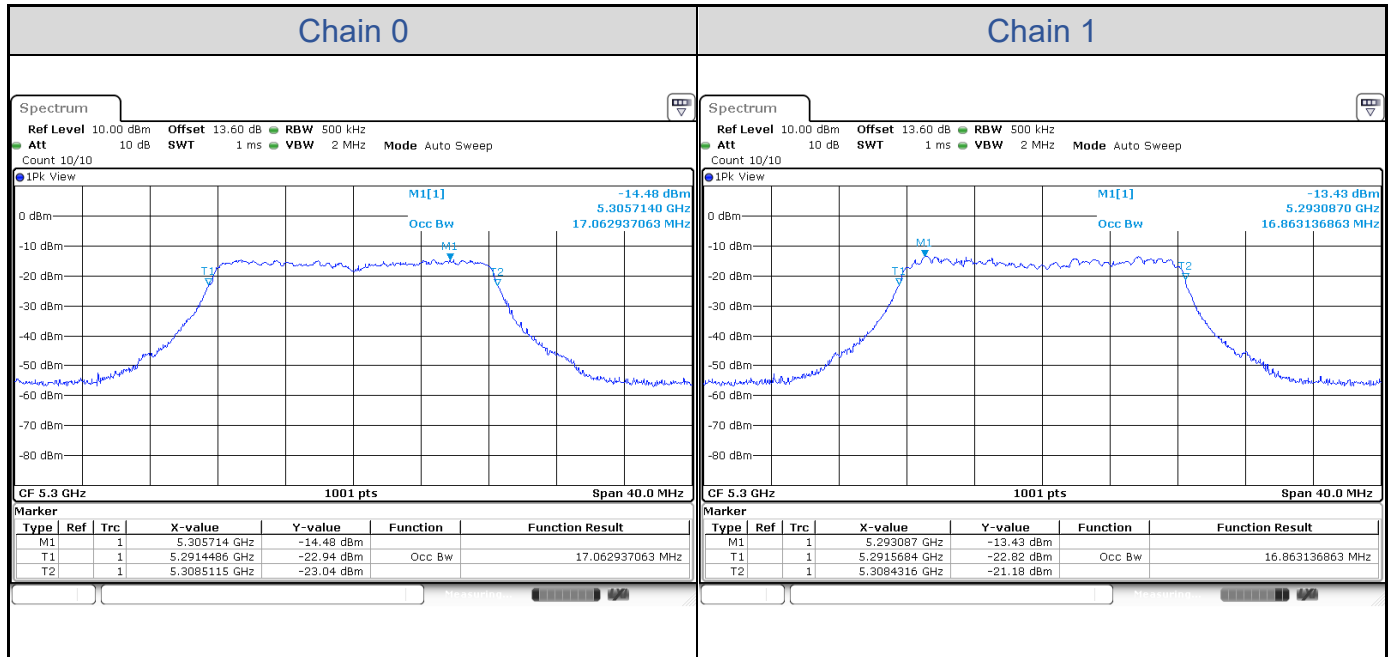
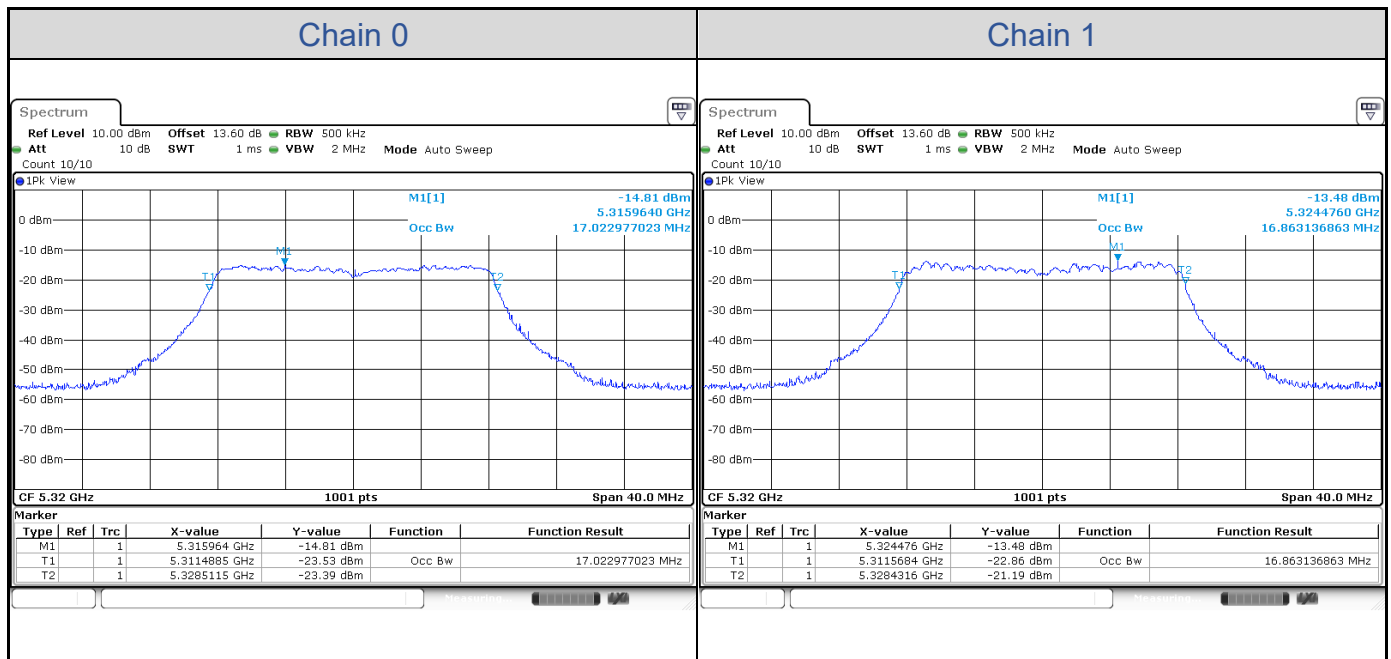
Test Result of 99% Occupied Bandwidth

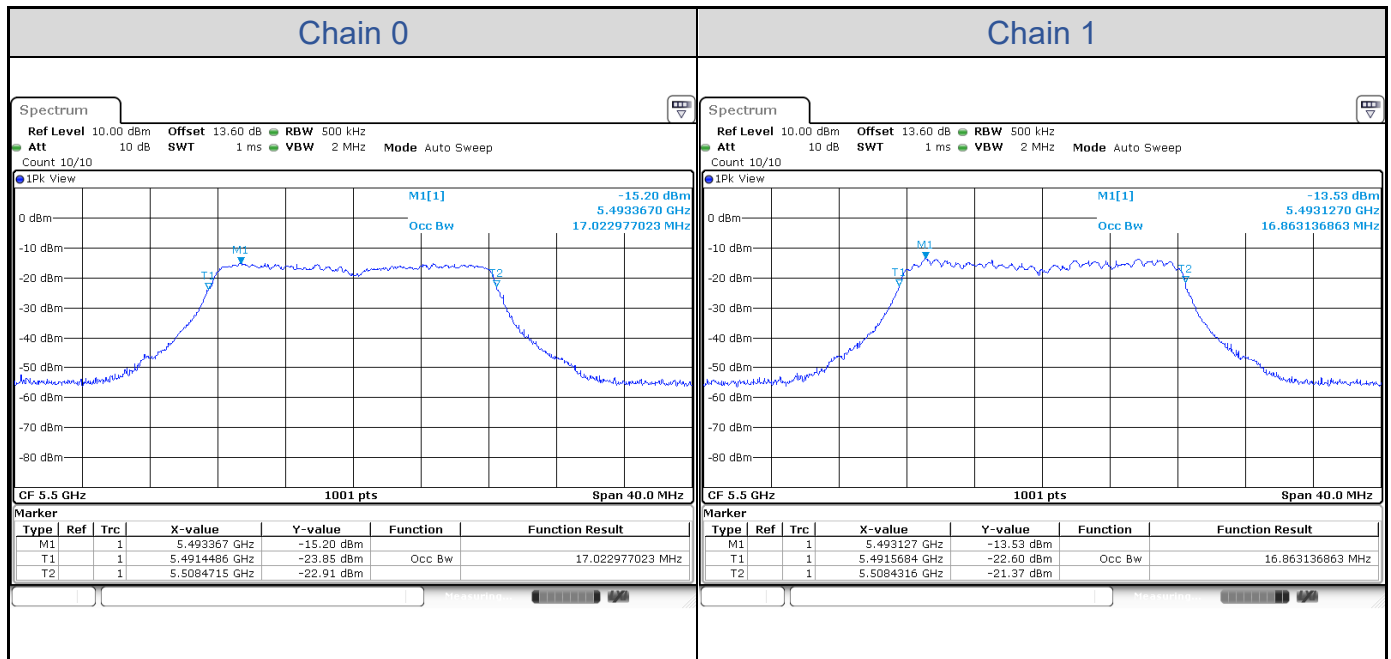
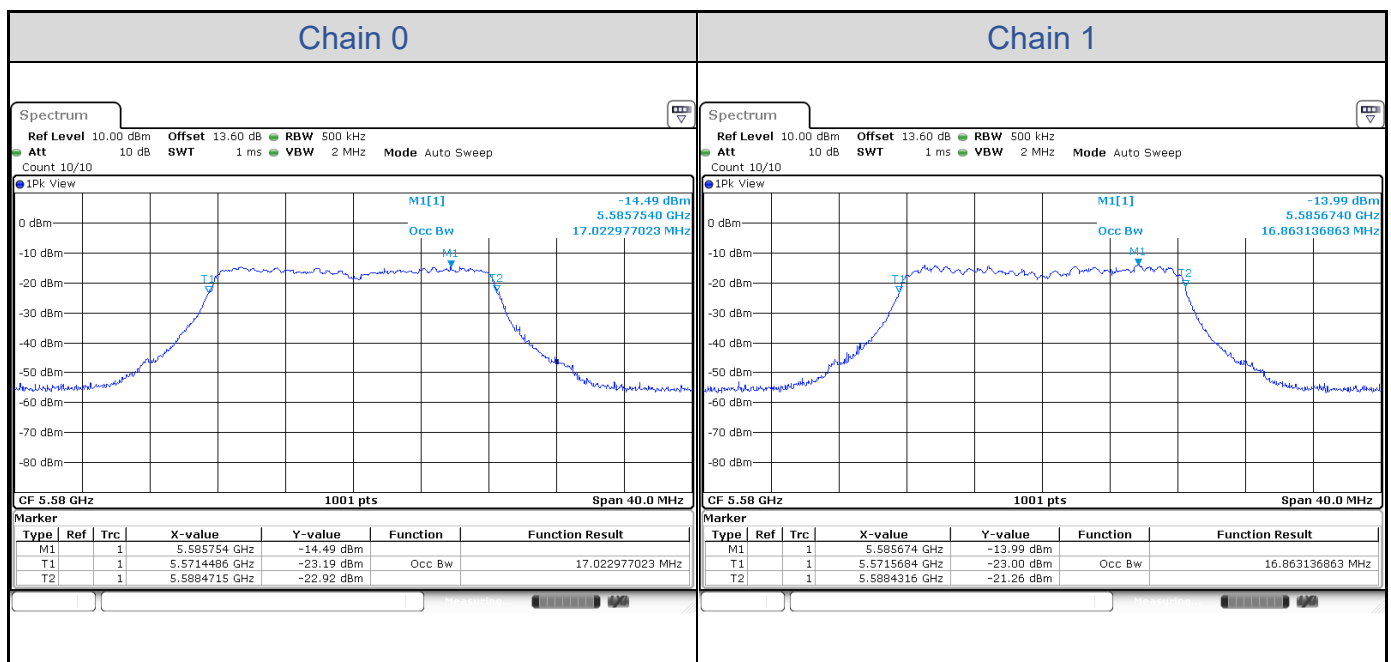
802.11a

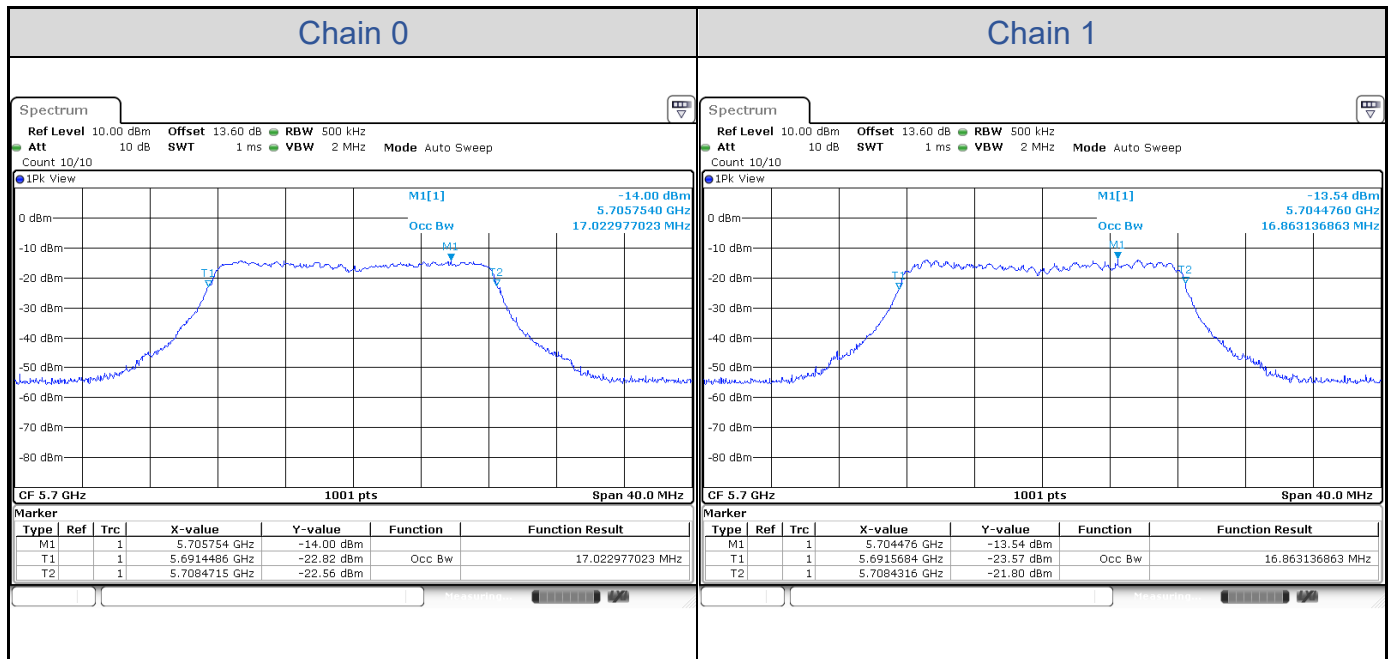
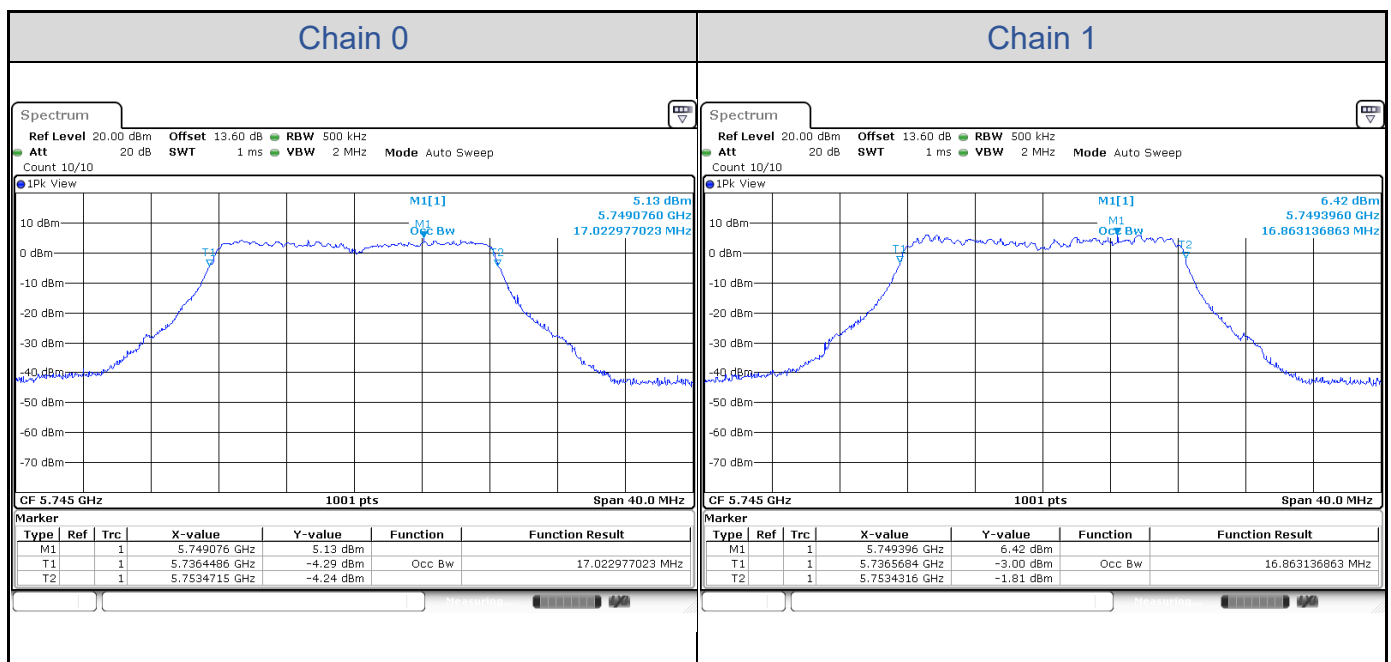
Band	Channel	Frequency (MHz)	99% Bandwidth (MHz)	
			Chain 0	Chain 1
U-NII-1	36	5180	16.98	16.82
	40	5200	16.98	16.86
	48	5240	16.98	16.82
U-NII-2A	52	5260	17.02	16.86
	60	5300	17.06	16.86
	64	5320	17.02	16.86
U-NII-2C	100	5500	17.02	16.86
	116	5580	17.02	16.86
	140	5700	17.02	16.86
U-NII-3	149	5745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

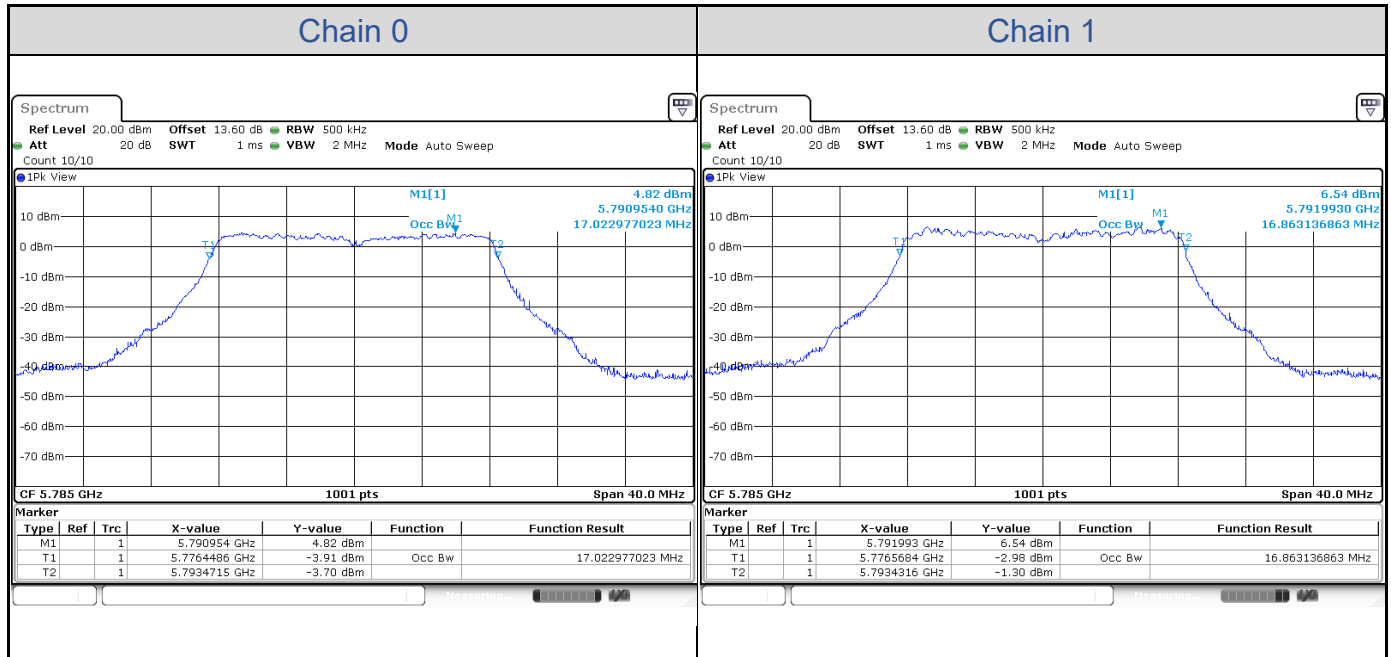
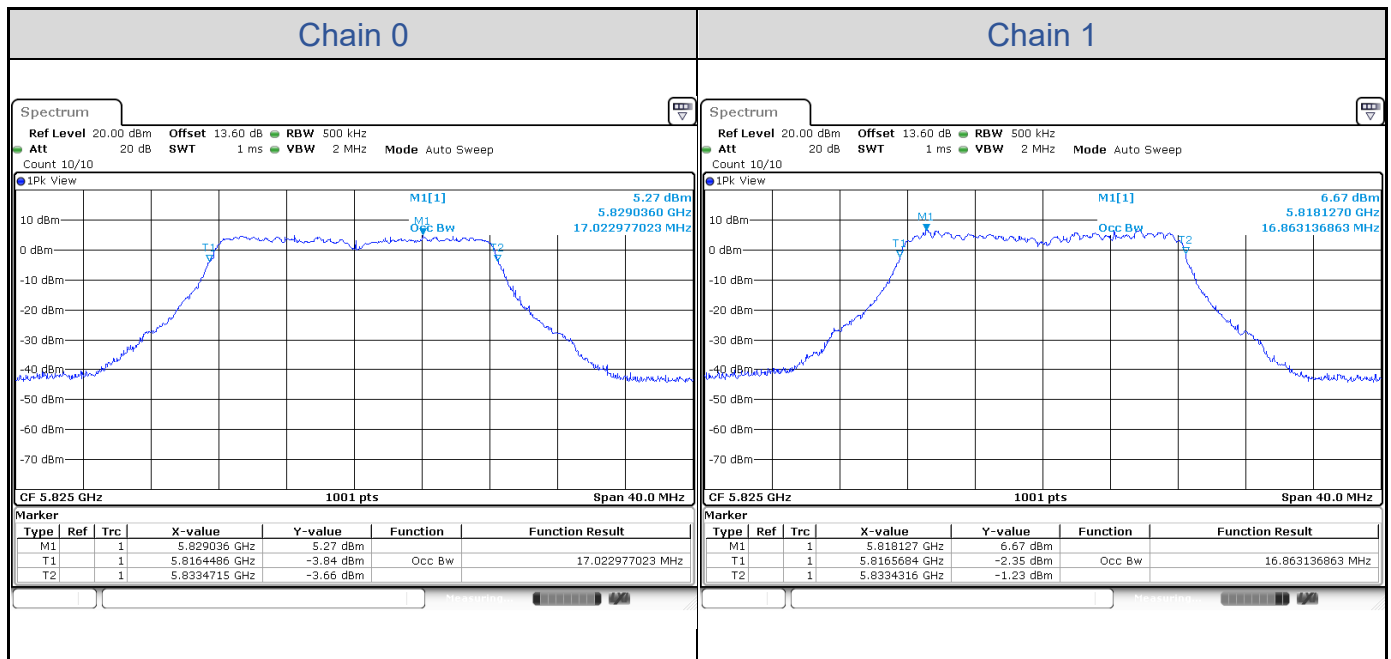
802.11a-Channel 36

802.11a-Channel 40


802.11a-Channel 48

802.11a-Channel 52


802.11a-Channel 60

802.11a-Channel 64


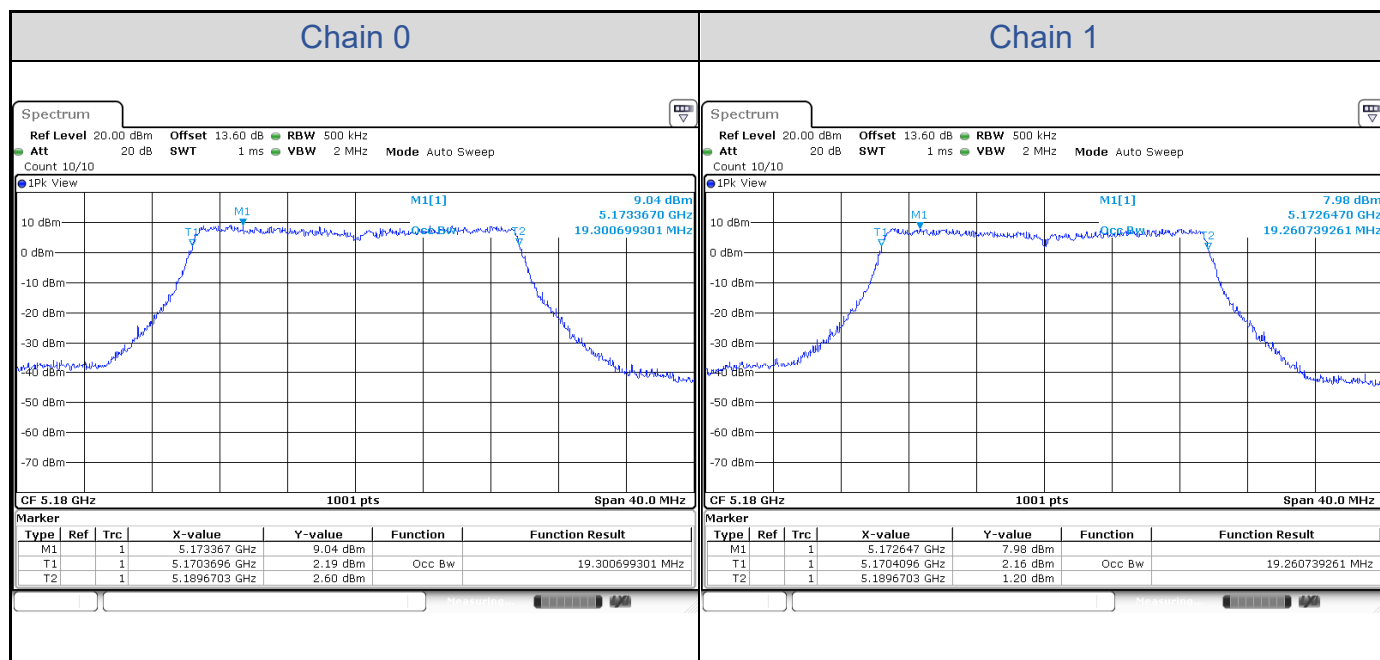
802.11a-Channel 100

802.11a-Channel 116


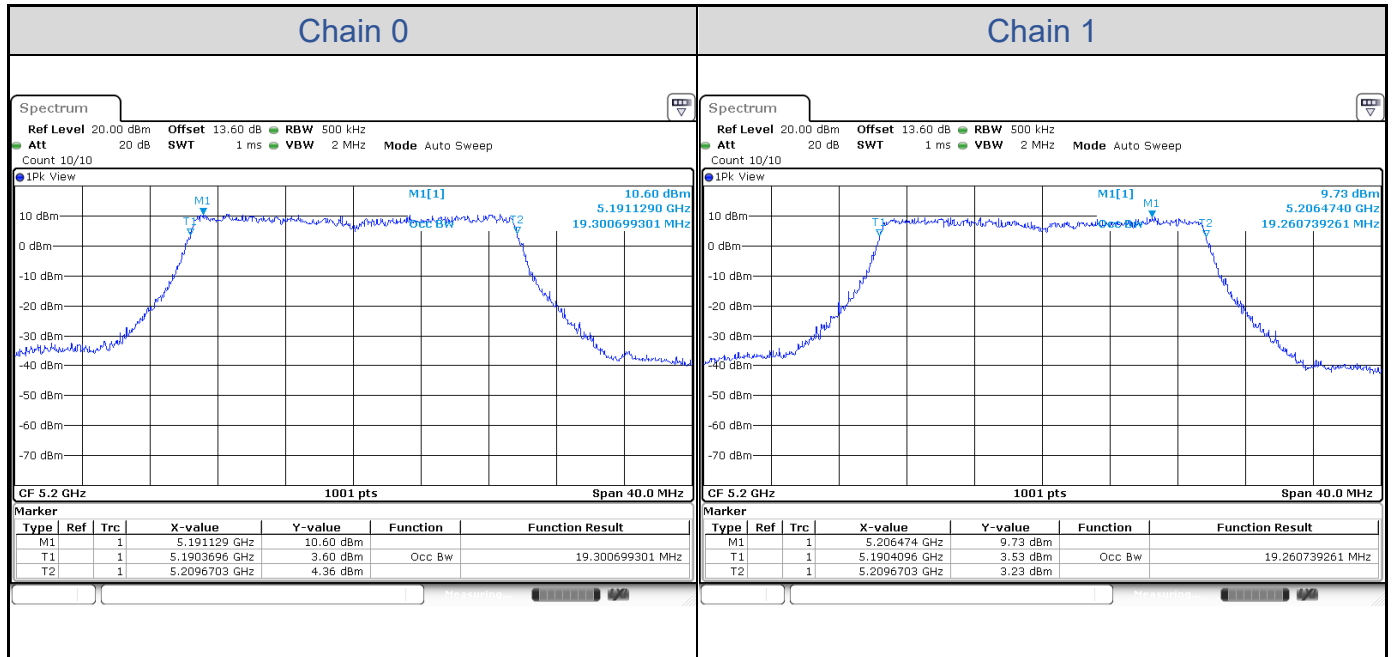
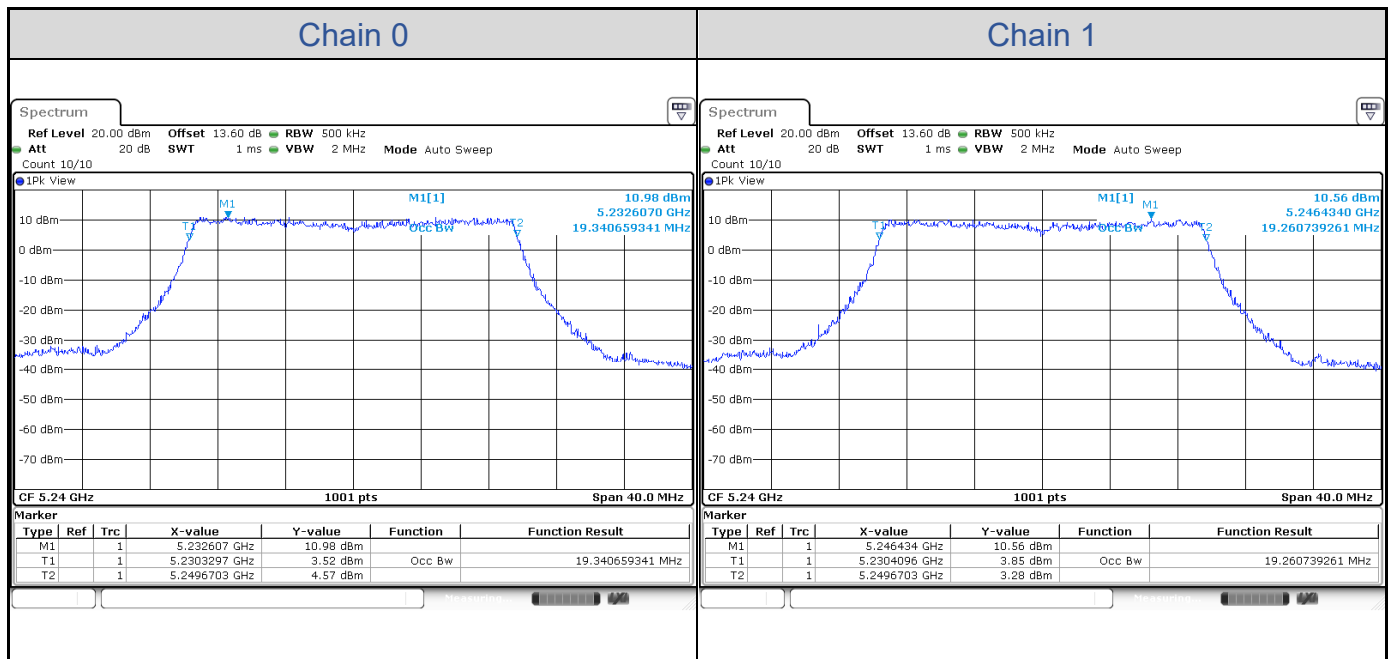
802.11a-Channel 140

802.11a-Channel 149


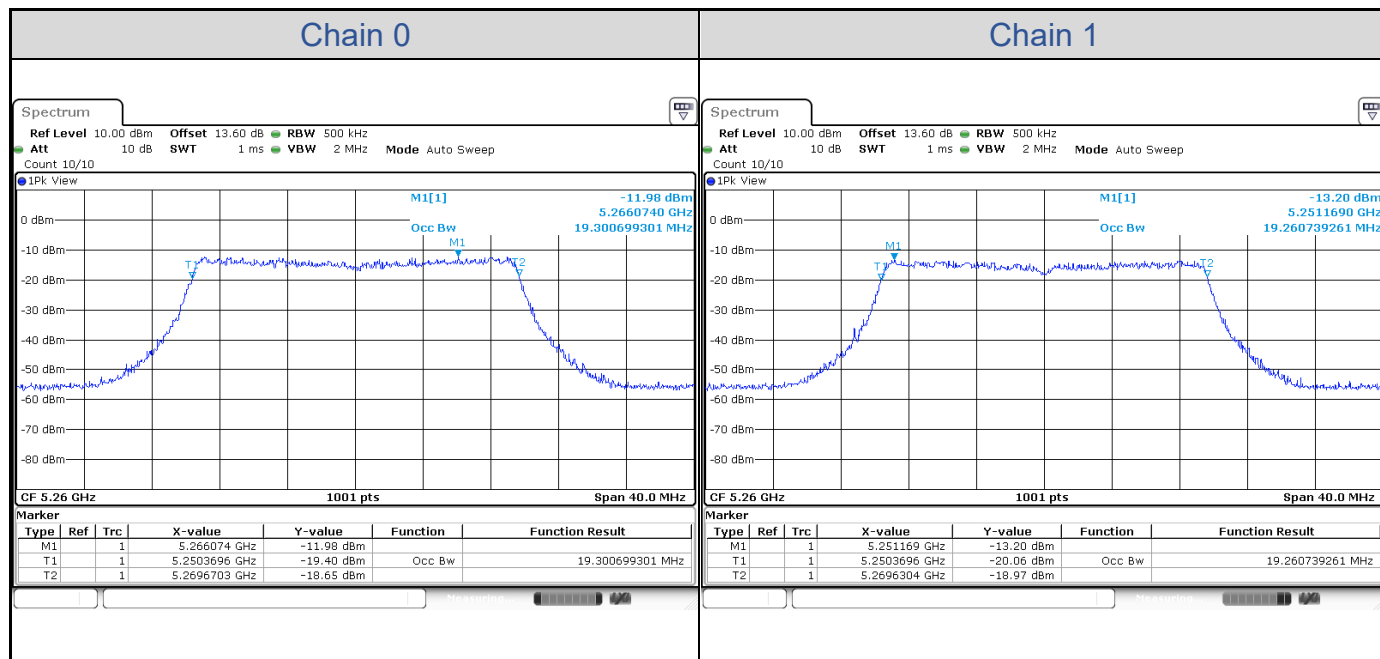
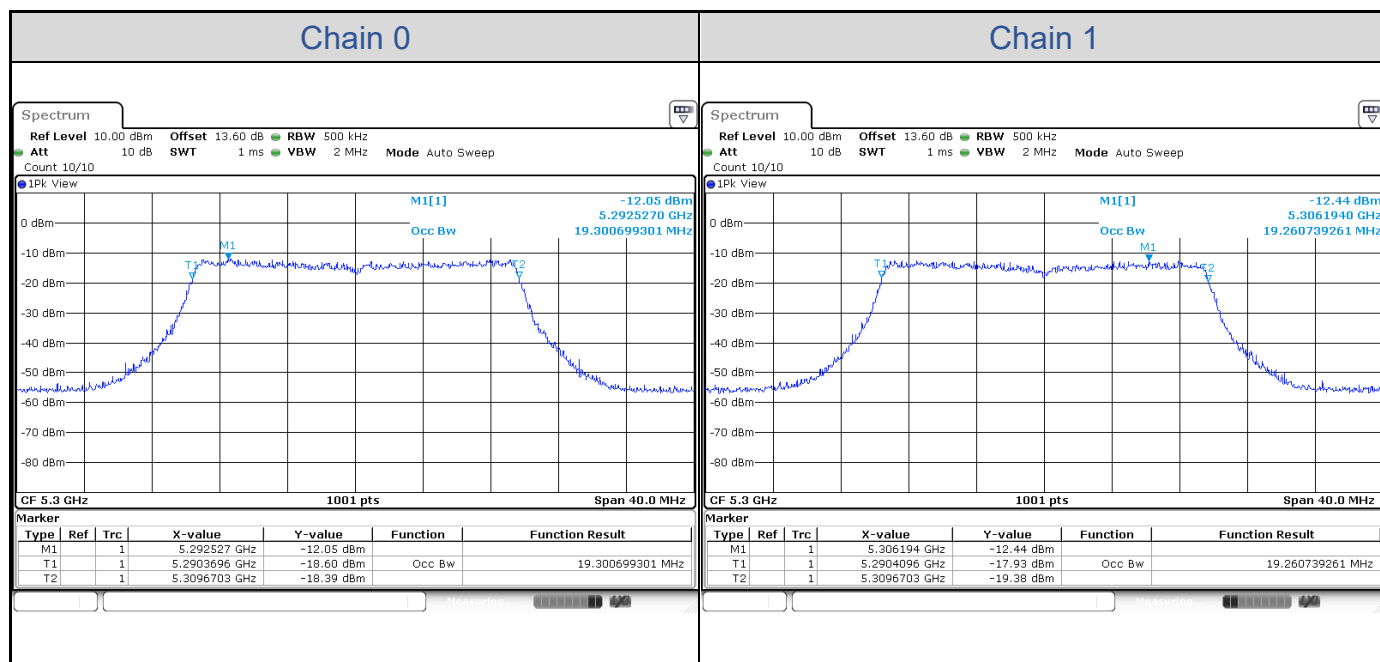
802.11a-Channel 157

802.11a-Channel 165


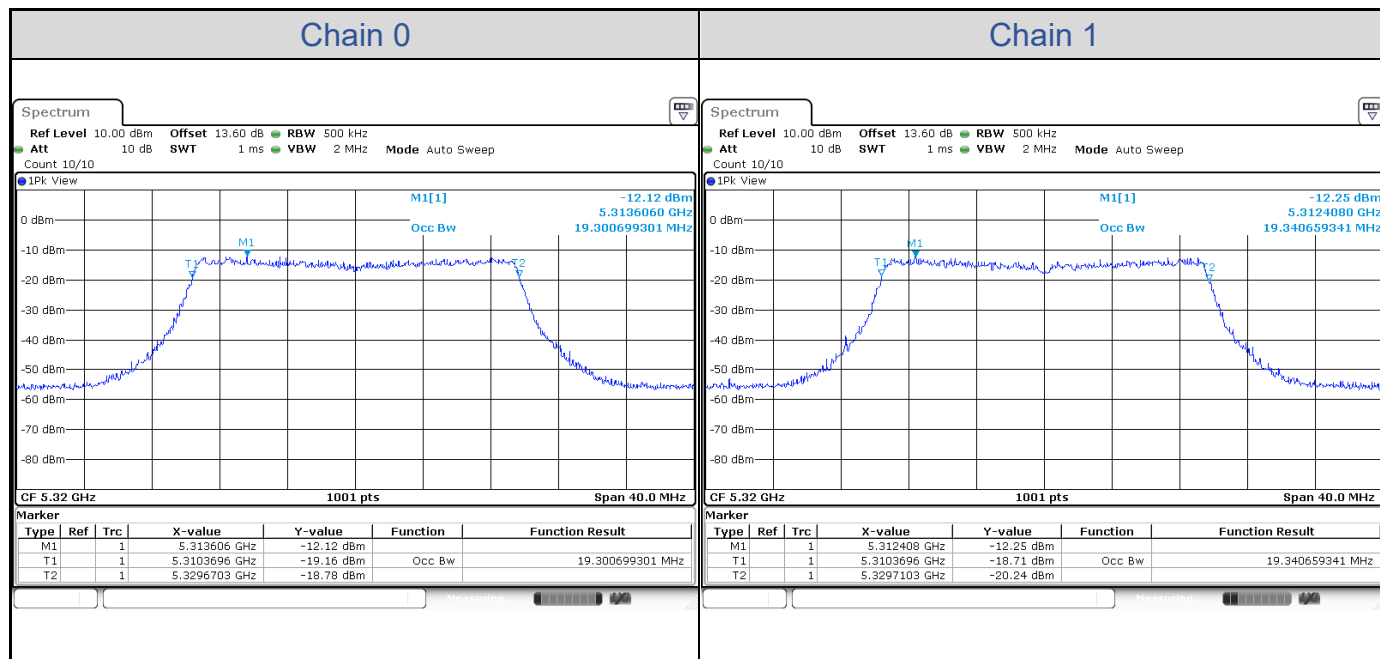
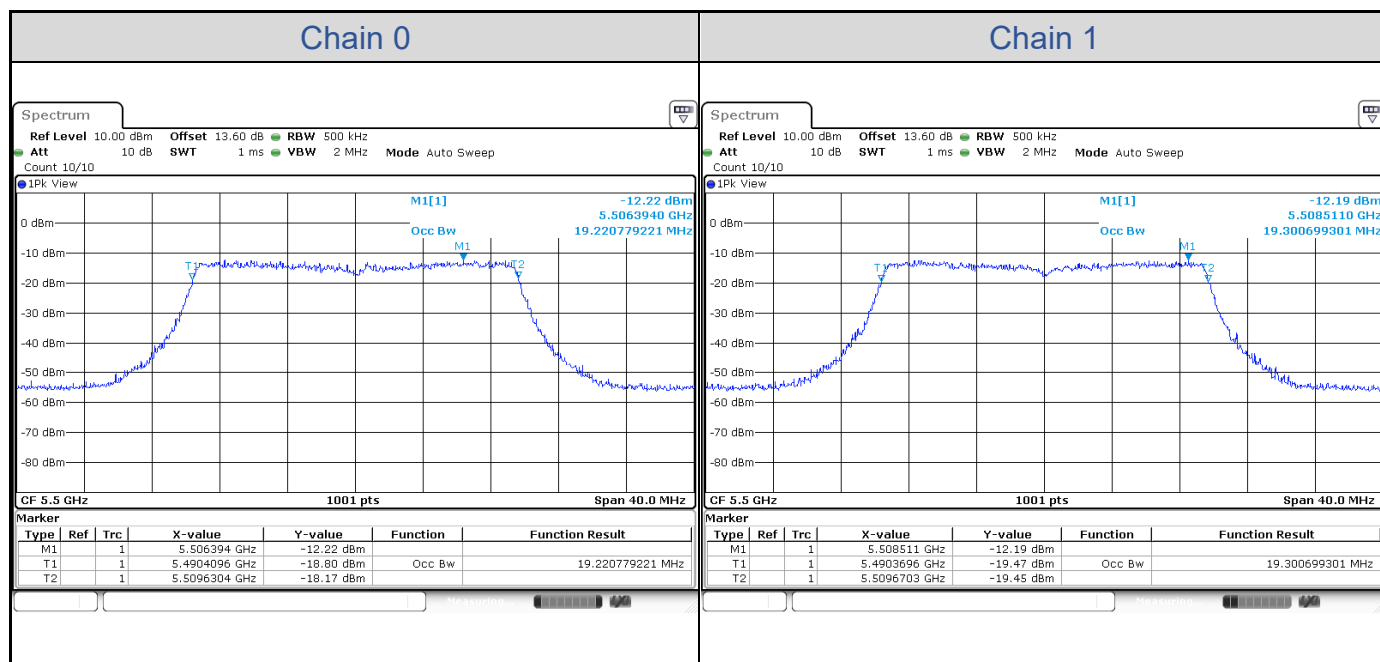
802.11ax HE20

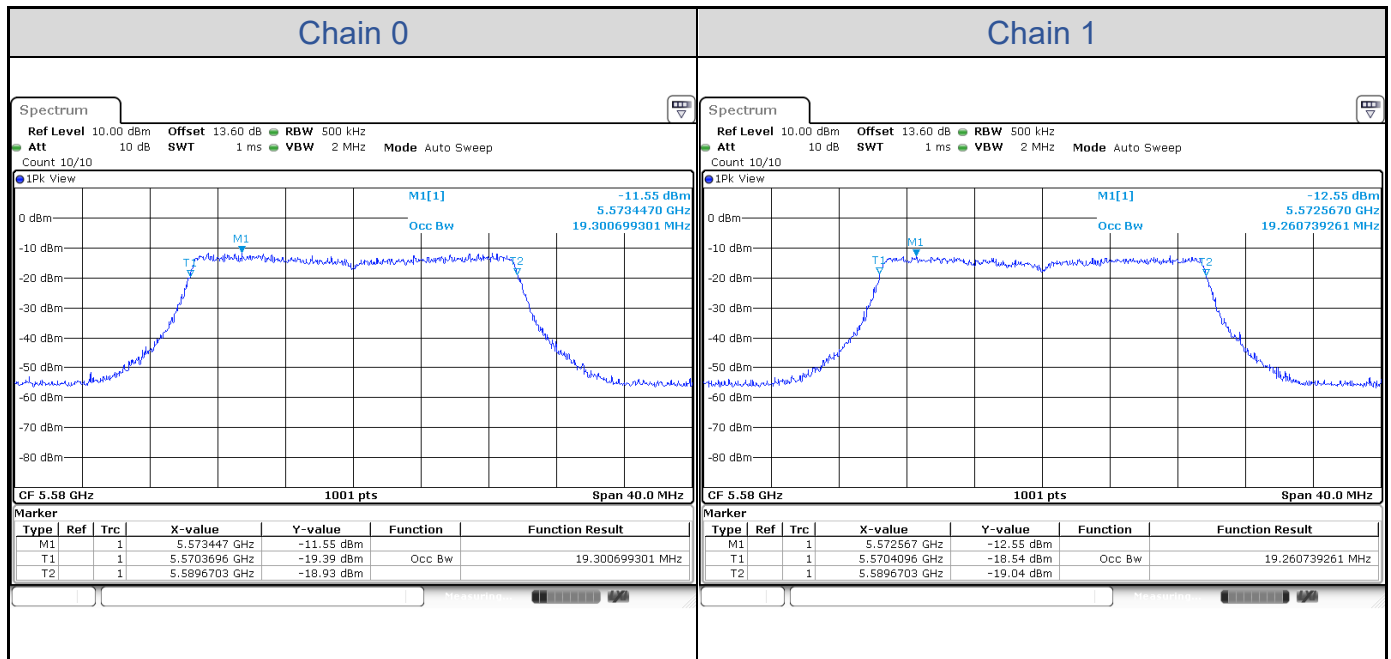
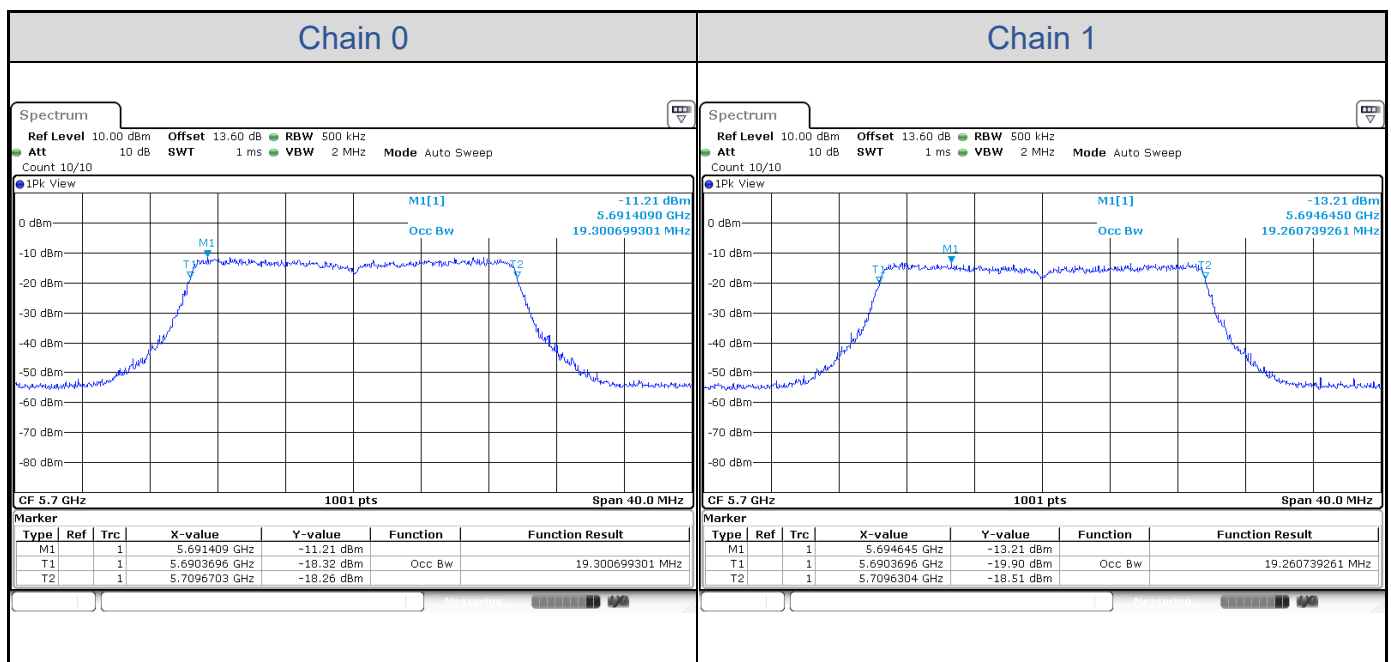
Band	Channel	Frequency (MHz)	99% Bandwidth (MHz)	
			Chain 0	Chain 1
U-NII-1	36	5180	19.30	19.26
	40	5200	19.30	19.26
	48	5240	19.34	19.26
U-NII-2A	52	5260	19.30	19.26
	60	5300	19.30	19.26
	64	5320	19.30	19.34
U-NII-2C	100	5500	19.22	19.30
	116	5580	19.30	19.26
	140	5700	19.30	19.26
U-NII-3	149	5745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

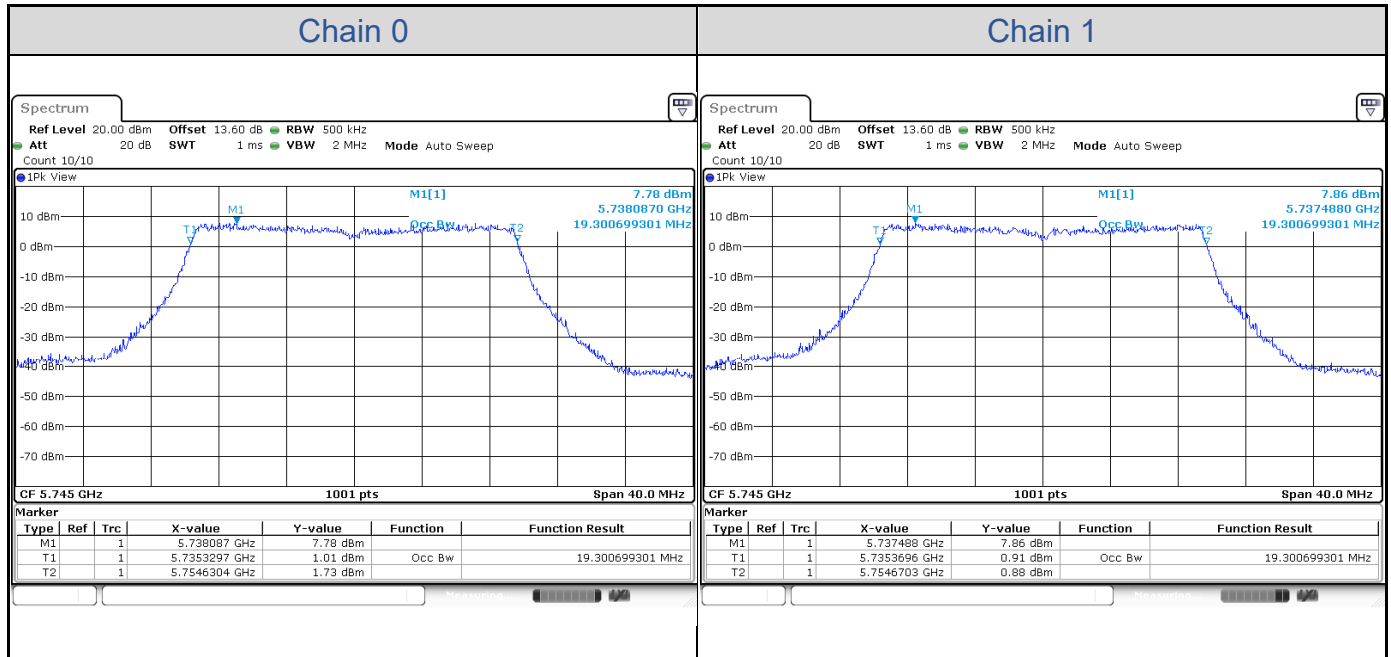
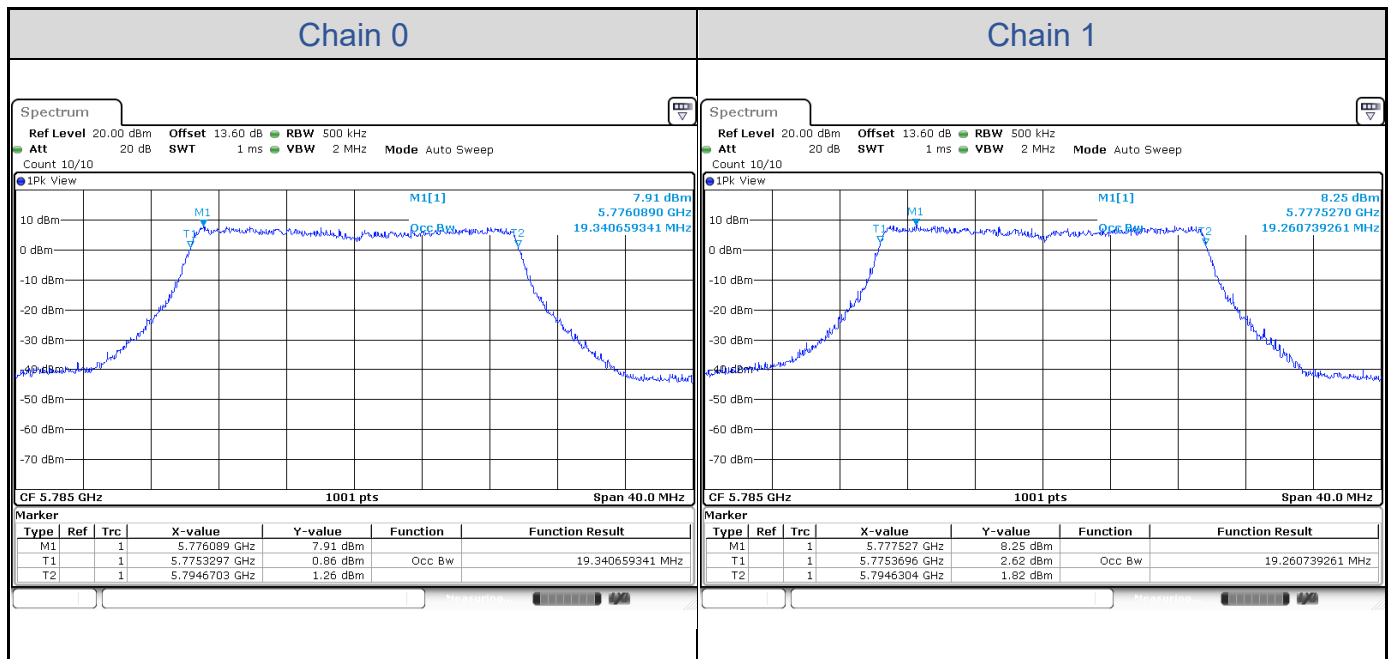
802.11ax HE20-Channel 36


802.11ax HE20-Channel 40

802.11ax HE20-Channel 48


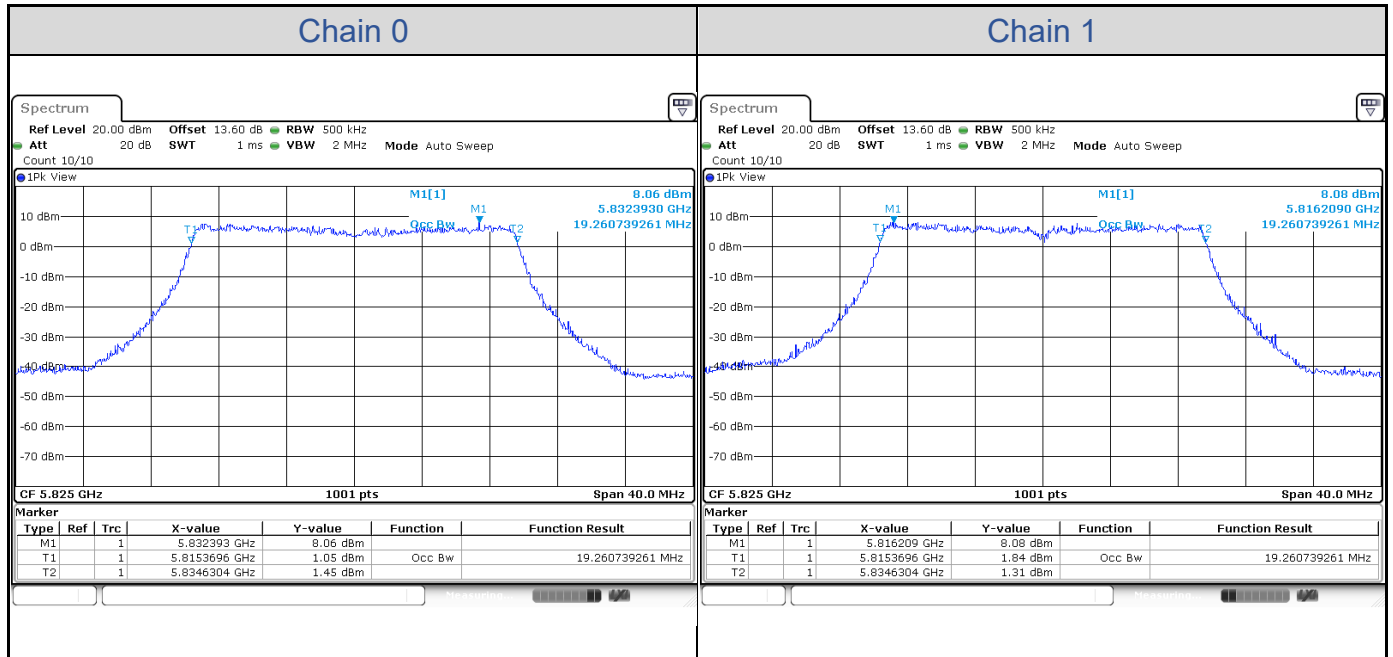
802.11ax HE20-Channel 52

802.11ax HE20-Channel 60


802.11ax HE20-Channel 64

802.11ax HE20-Channel 100


802.11ax HE20-Channel 116

802.11ax HE20-Channel 140


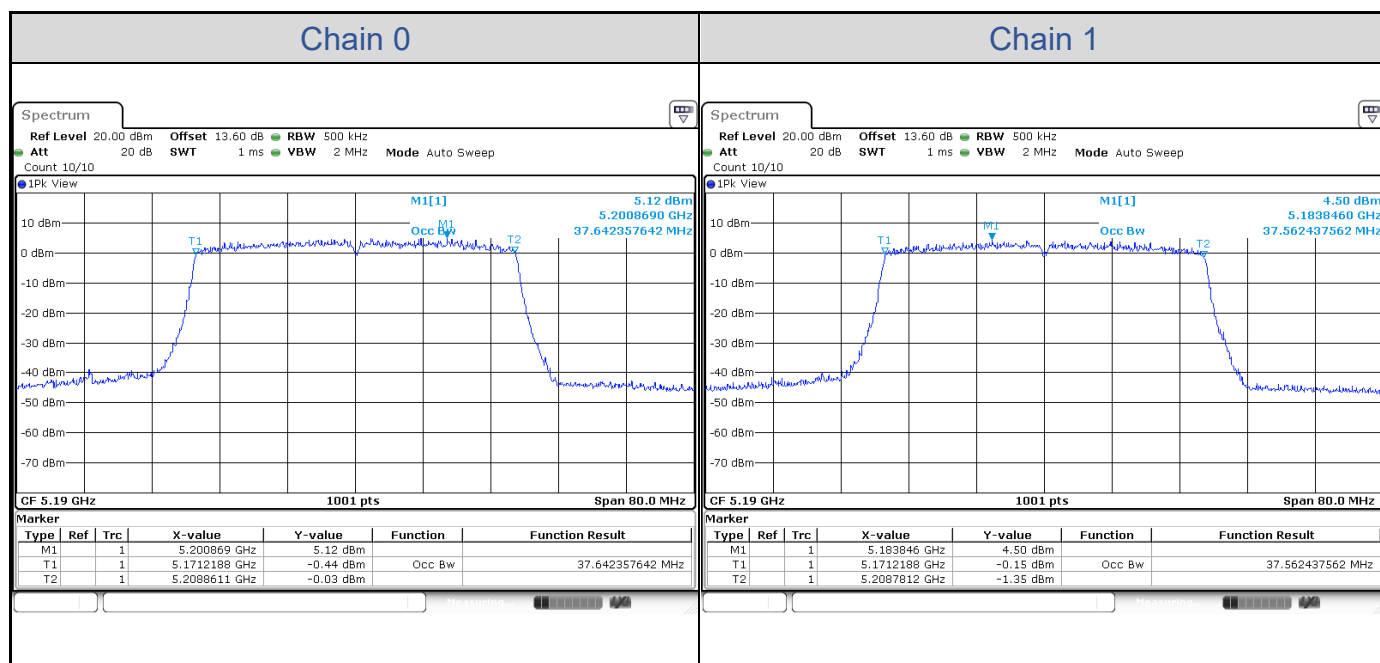
802.11ax HE20-Channel 149

802.11ax HE20-Channel 157


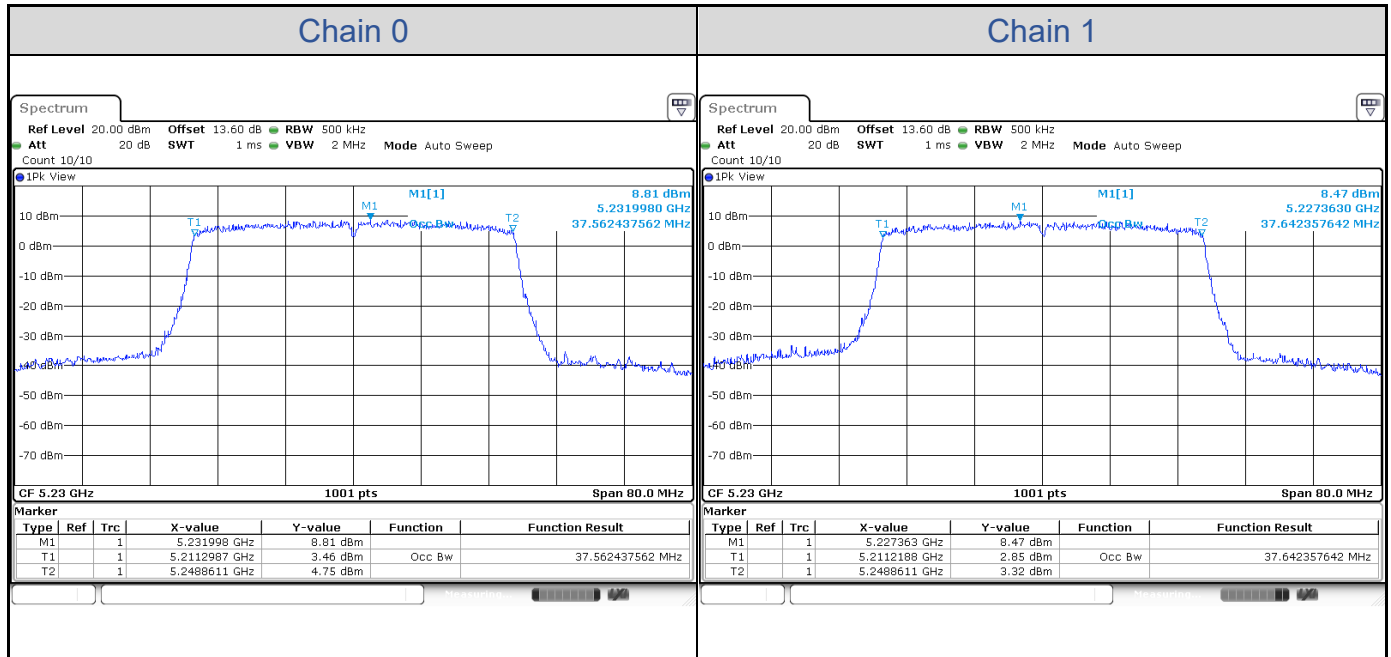
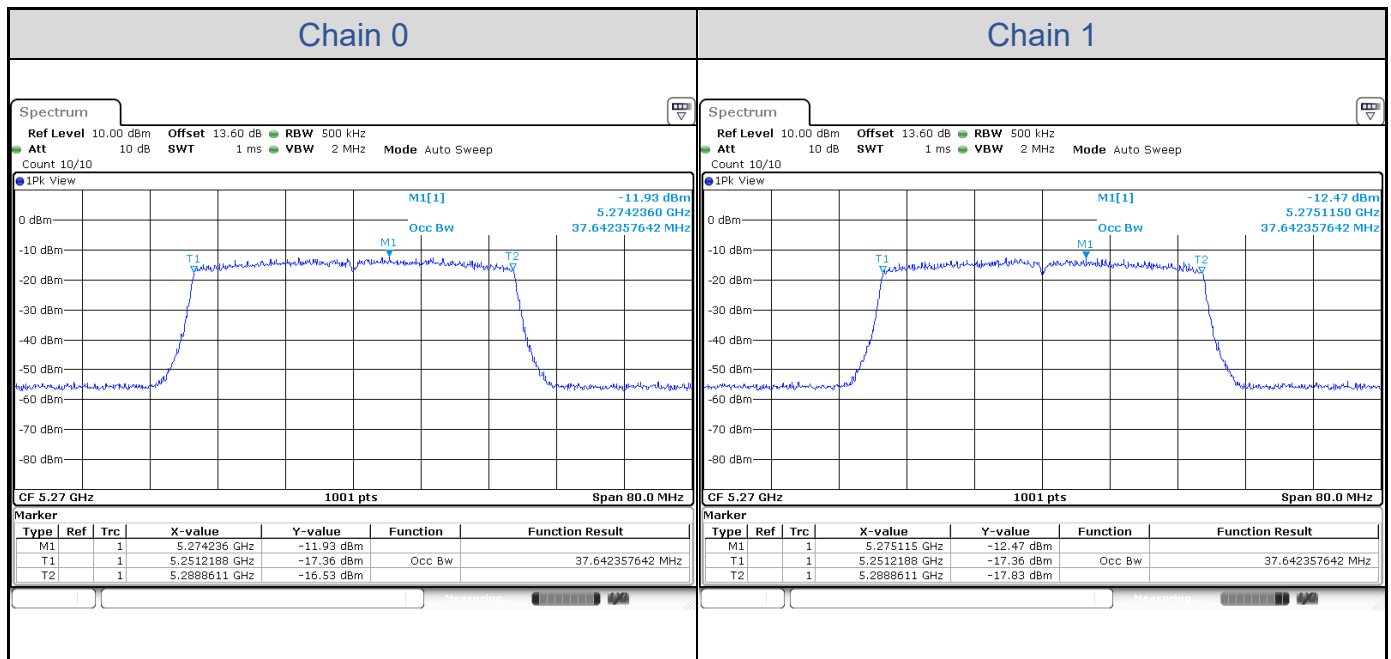
802.11ax HE20-Channel 165

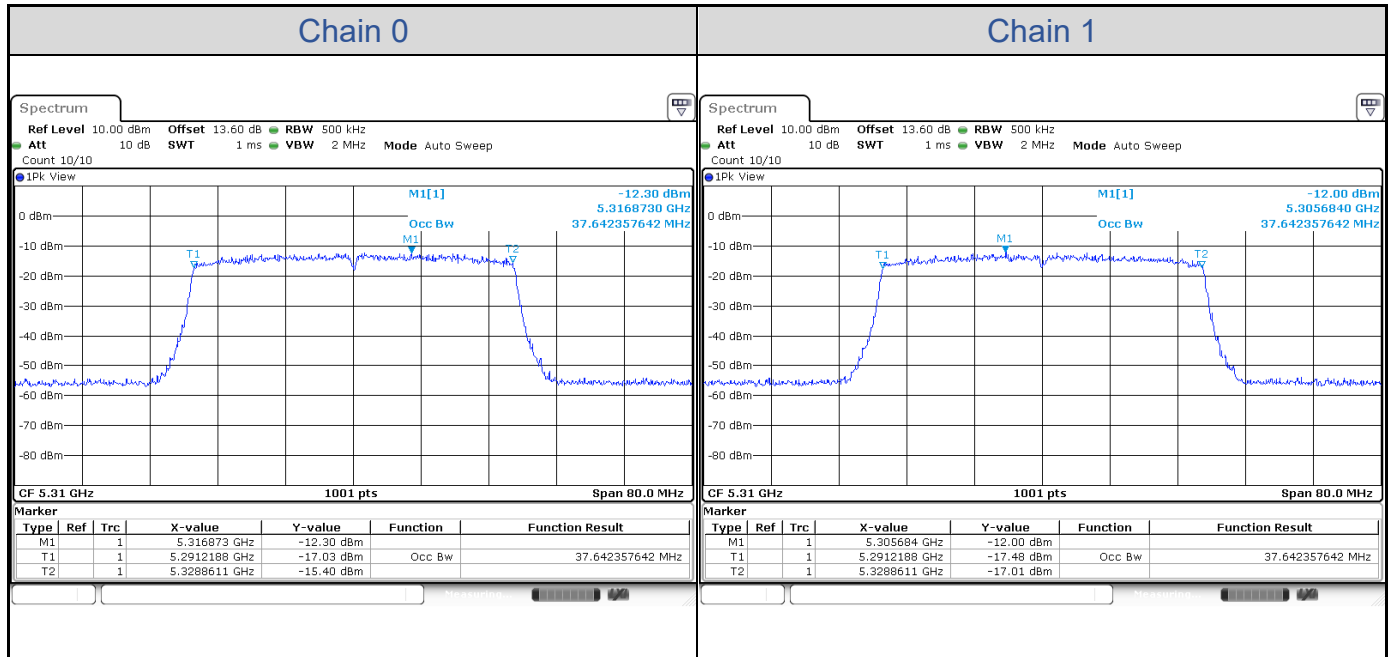
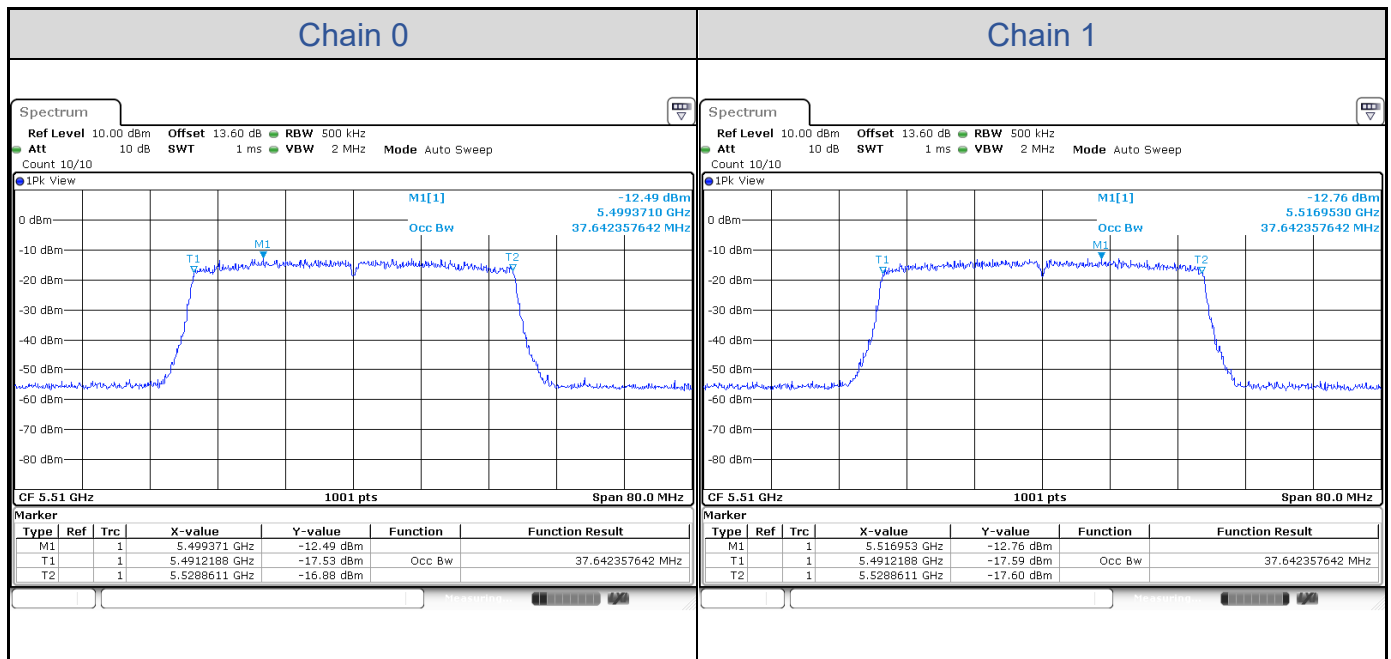


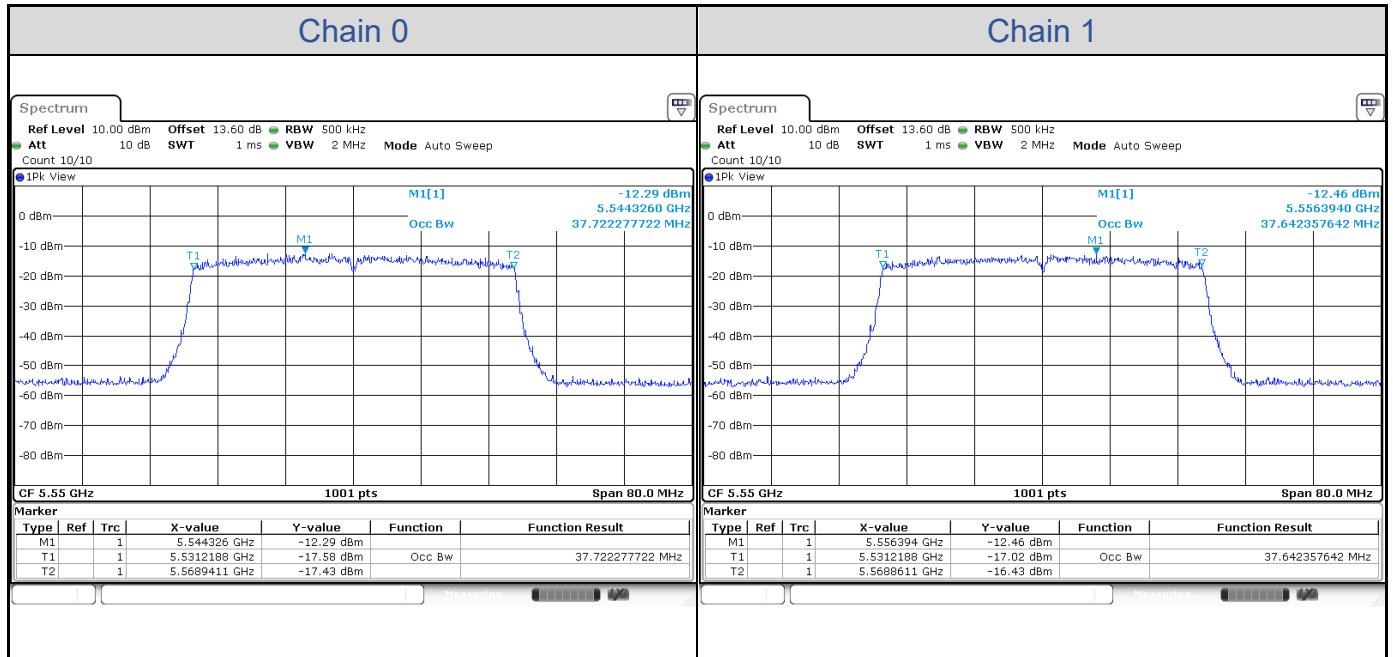
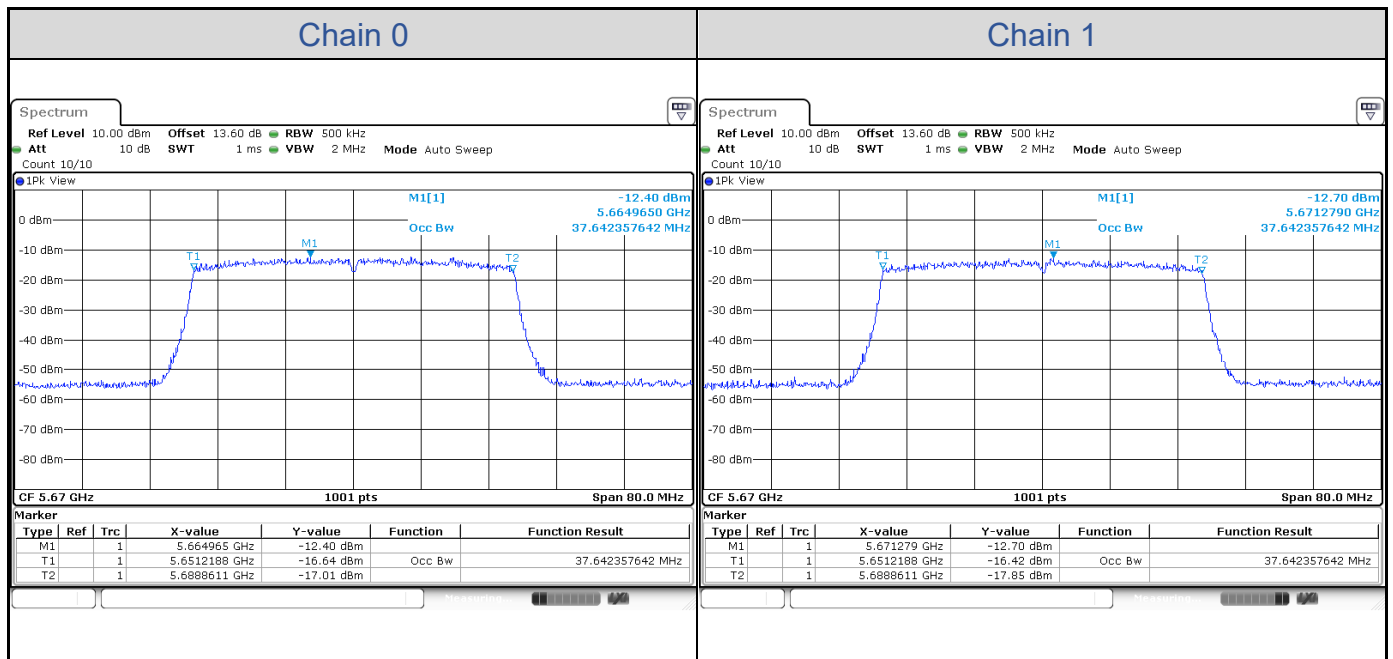
802.11ax HE40

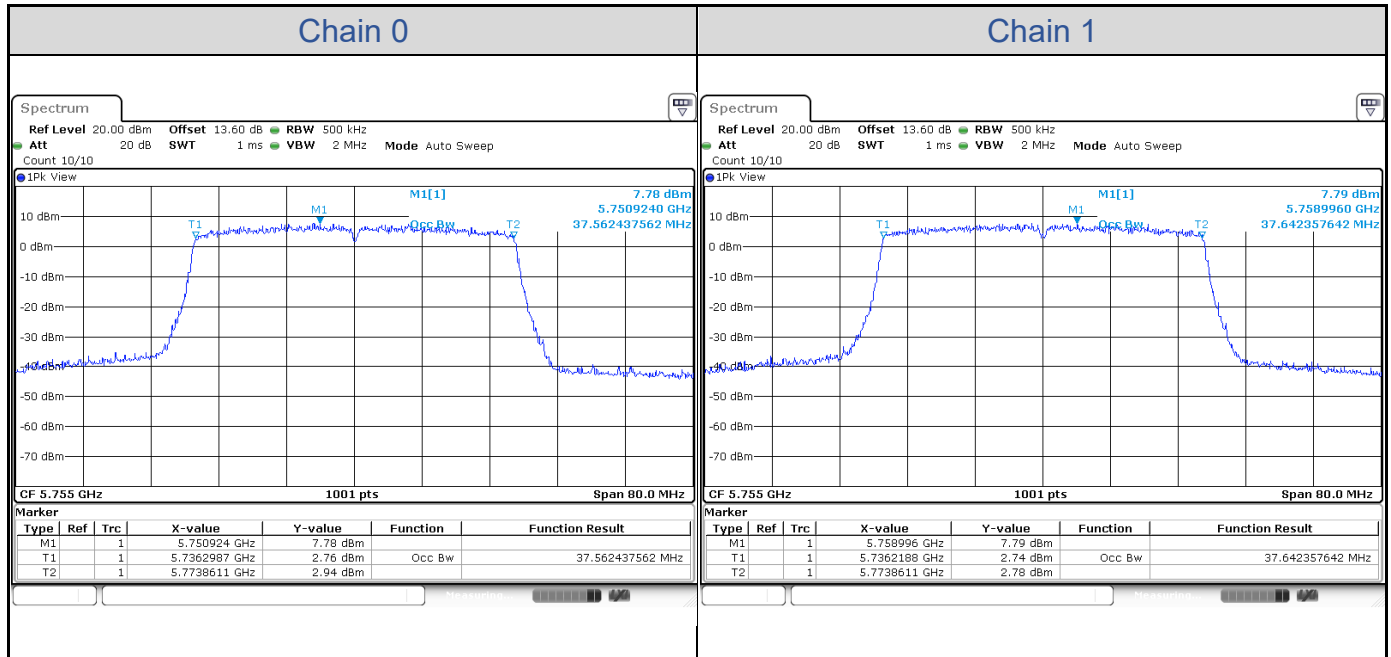
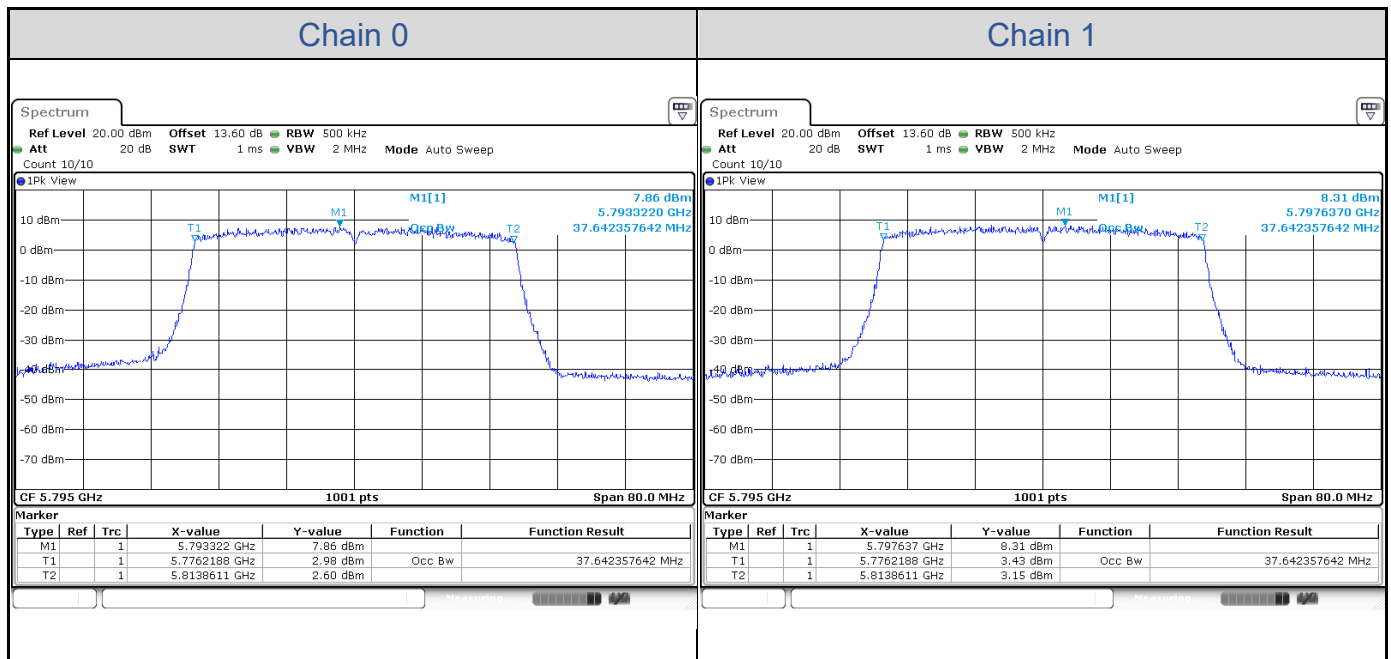
Band	Channel	Frequency (MHz)	99% Bandwidth (MHz)	
			Chain 0	Chain 1
U-NII-1	38	5190	37.64	37.56
	46	5230	37.56	37.64
U-NII-2A	54	5270	37.64	37.64
	62	5310	37.64	37.64
U-NII-2C	102	5510	37.64	37.64
	110	5550	37.72	37.64
	134	5670	37.64	37.64
U-NII-3	151	5755	37.56	37.64
	159	5795	37.64	37.64

802.11ax HE40-Channel 38


802.11ax HE40-Channel 46

802.11ax HE40-Channel 54


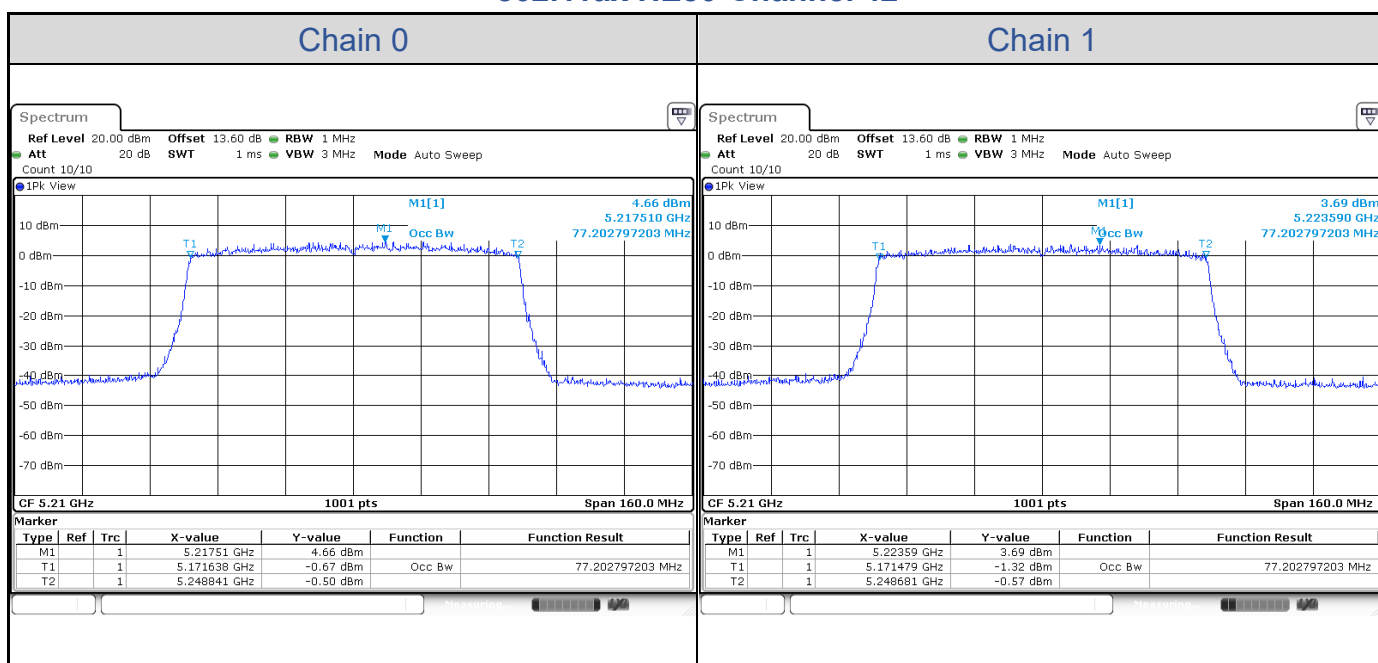
802.11ax HE40-Channel 62

802.11ax HE40-Channel 102


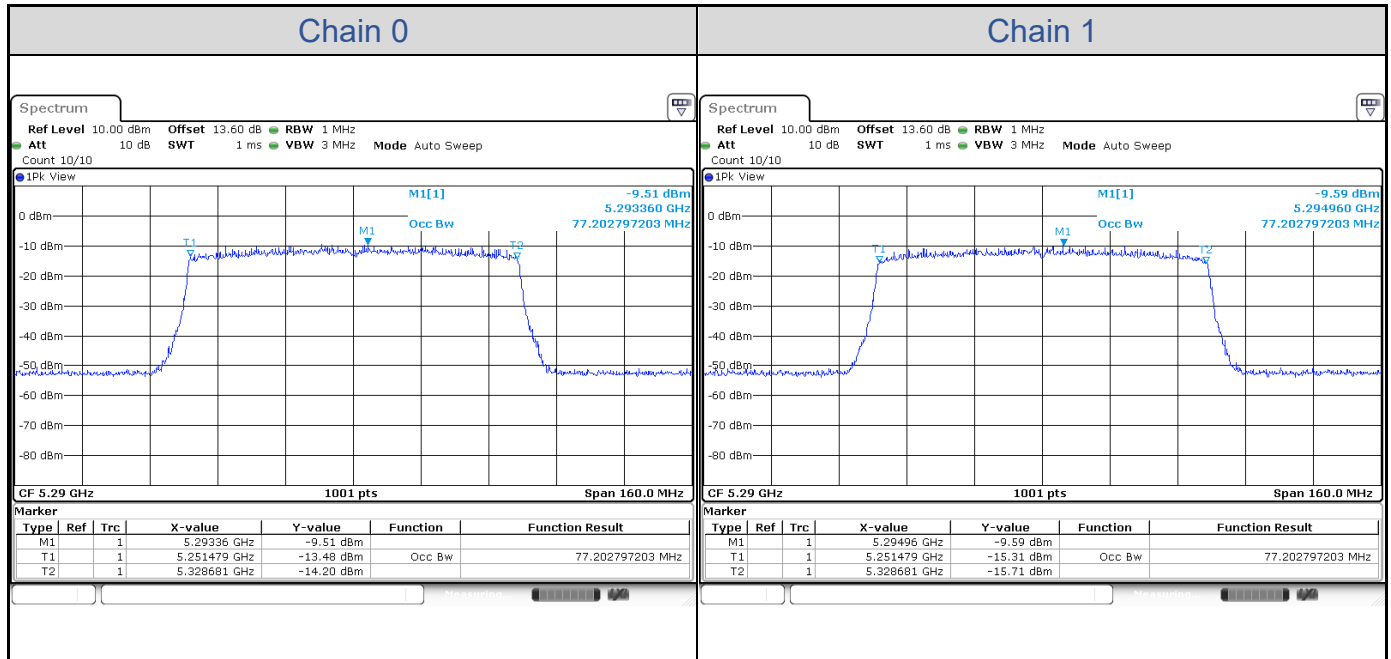
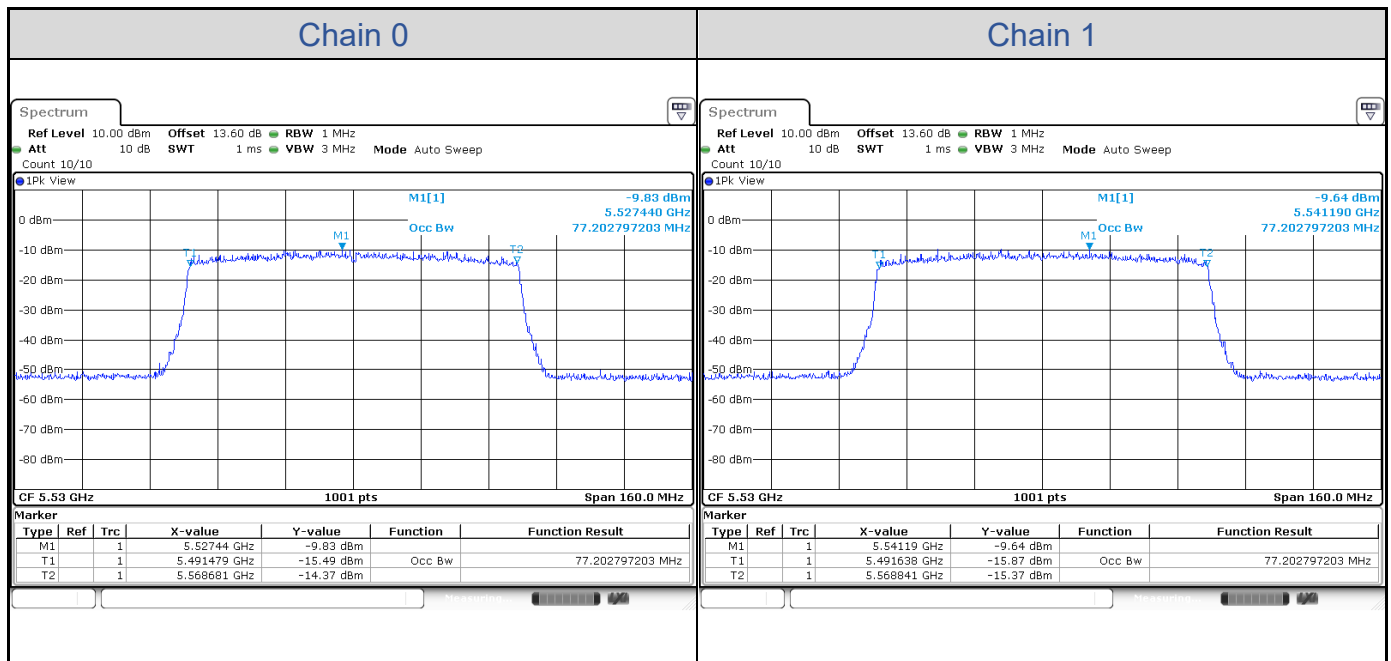
802.11ax HE40-Channel 110

802.11ax HE40-Channel 134


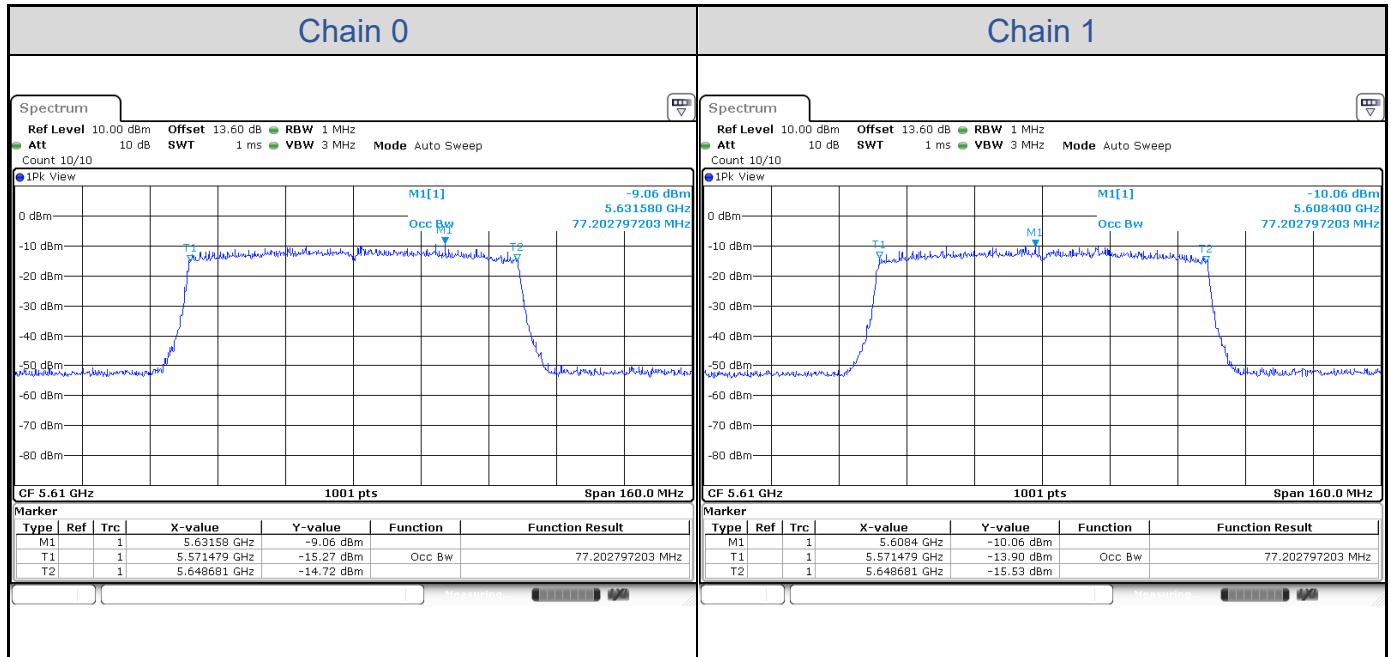
802.11ax HE40-Channel 151

802.11ax HE40-Channel 159


802.11ax HE80

Band	Channel	Frequency (MHz)	99% Bandwidth (MHz)	
			Chain 0	Chain 1
U-NII-1	42	5210	77.20	77.20
U-NII-2A	58	5290	77.20	77.20
U-NII-2C	106	5530	77.20	77.20
	122	5610	77.20	77.20
U-NII-3	155	5775	76.88	76.88

802.11ax HE80-Channel 42


802.11ax HE80-Channel 58

802.11ax HE80-Channel 106


802.11ax HE80-Channel 122

802.11ax HE80-Channel 155
