

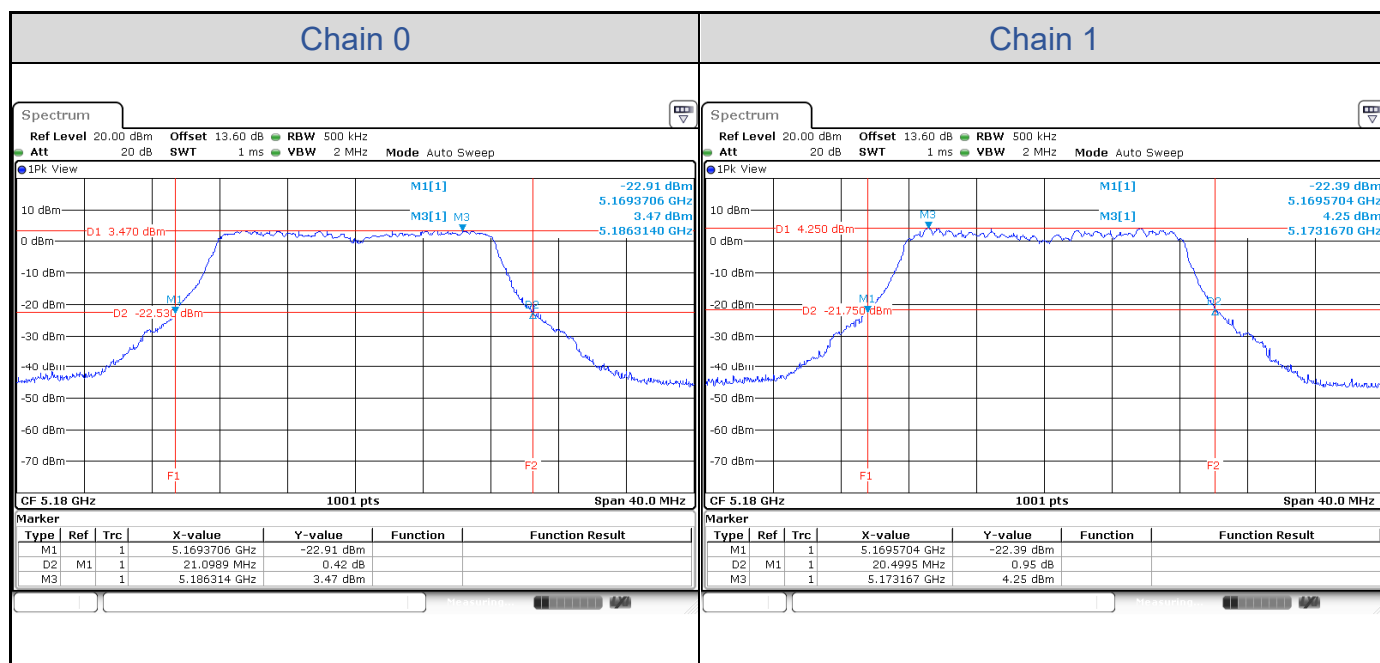
Appendix C: Test Results of Conducted Test (PINE_Sector antenna)

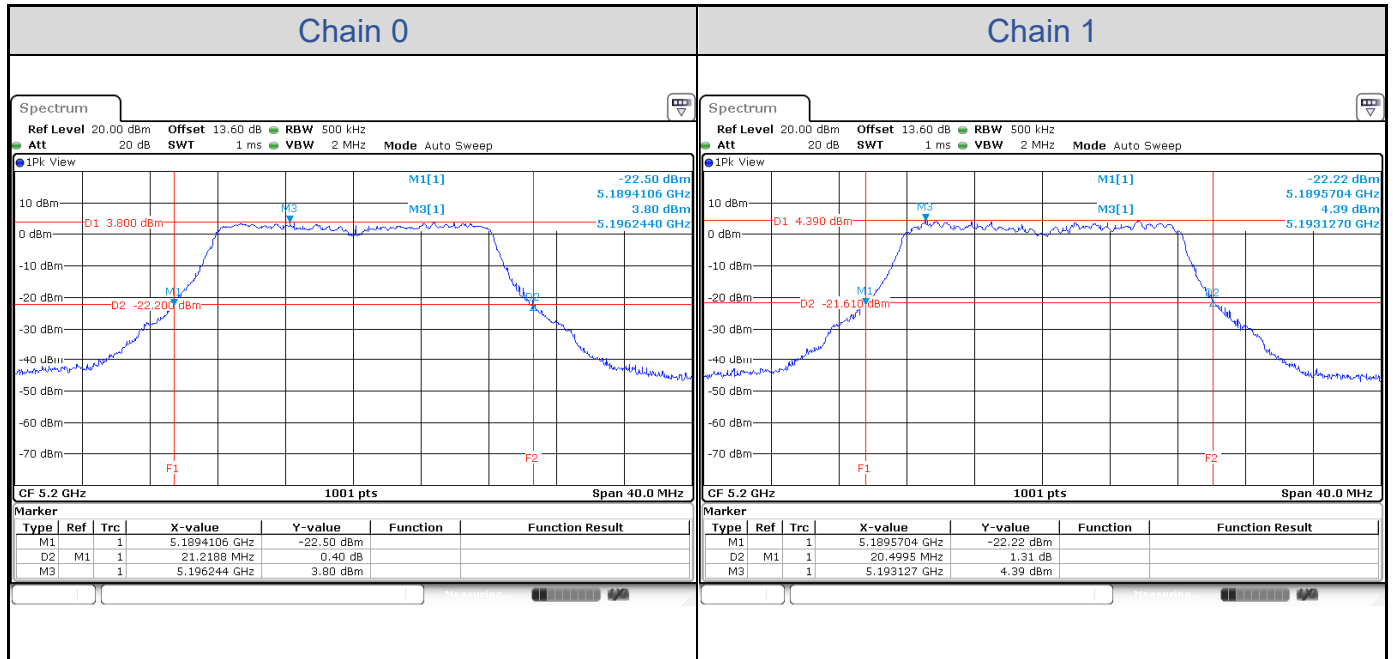
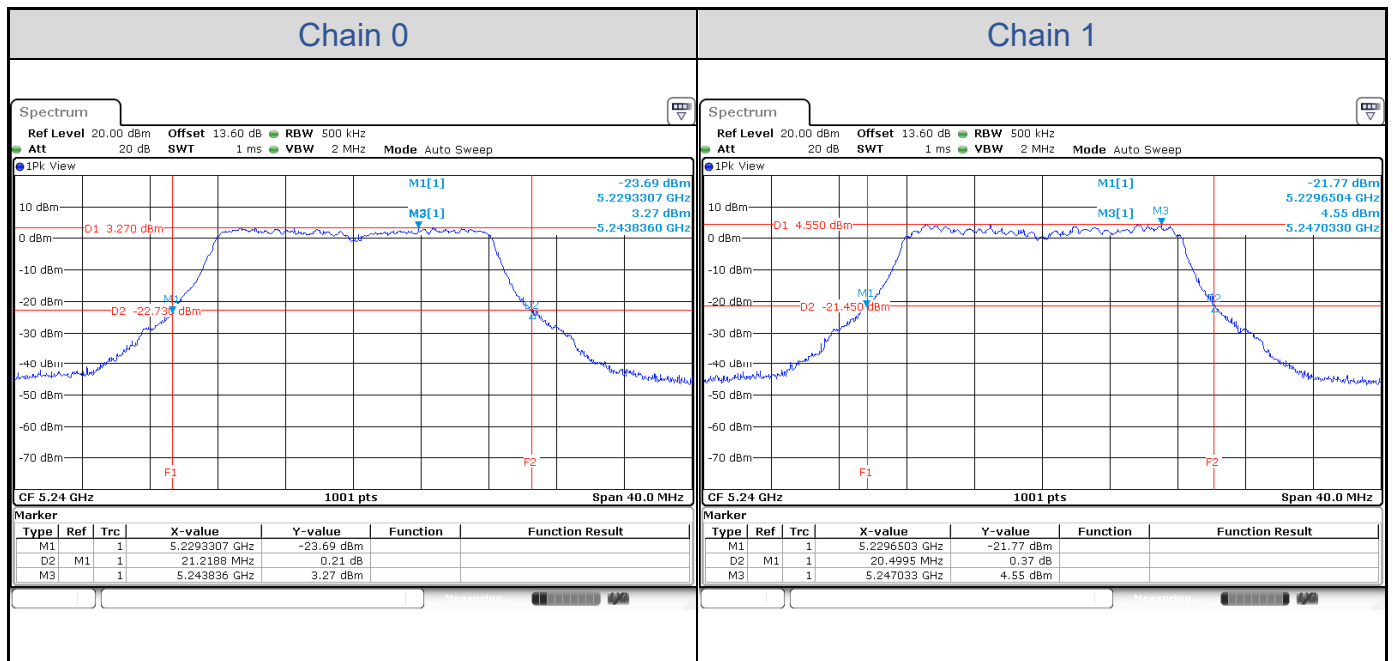
Test Result of 26 dB Bandwidth

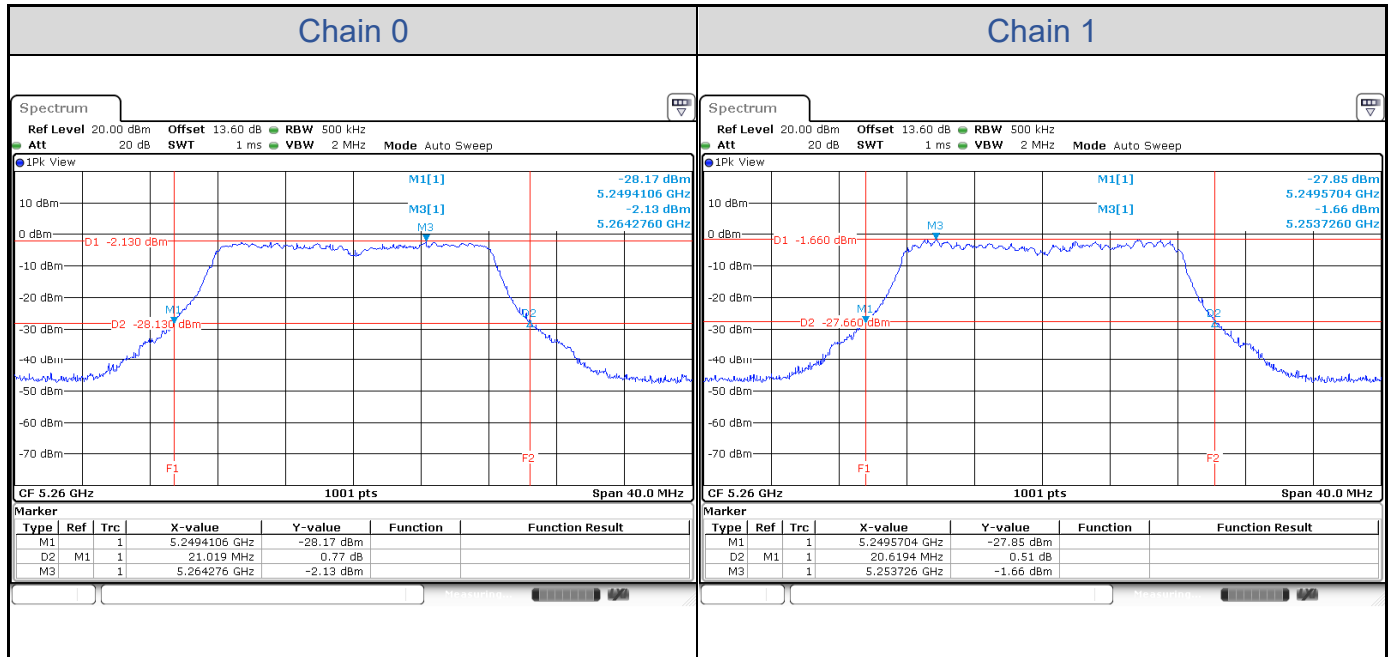
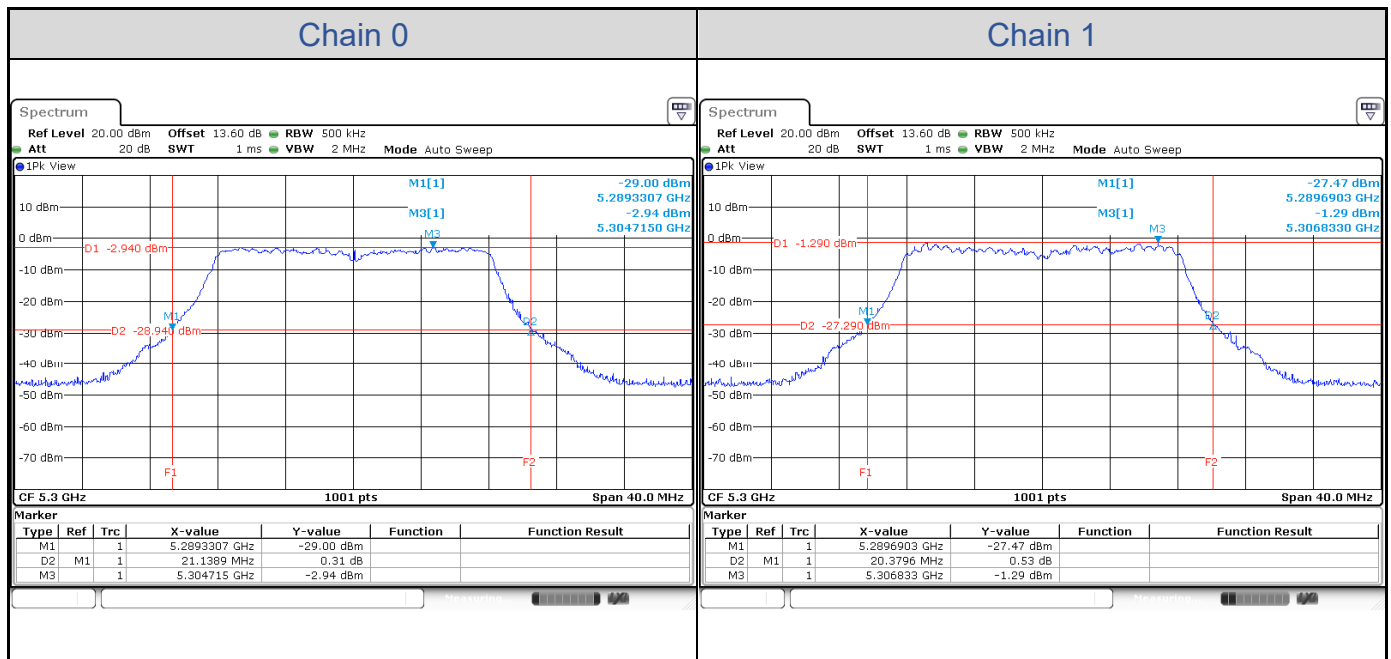
802.11a

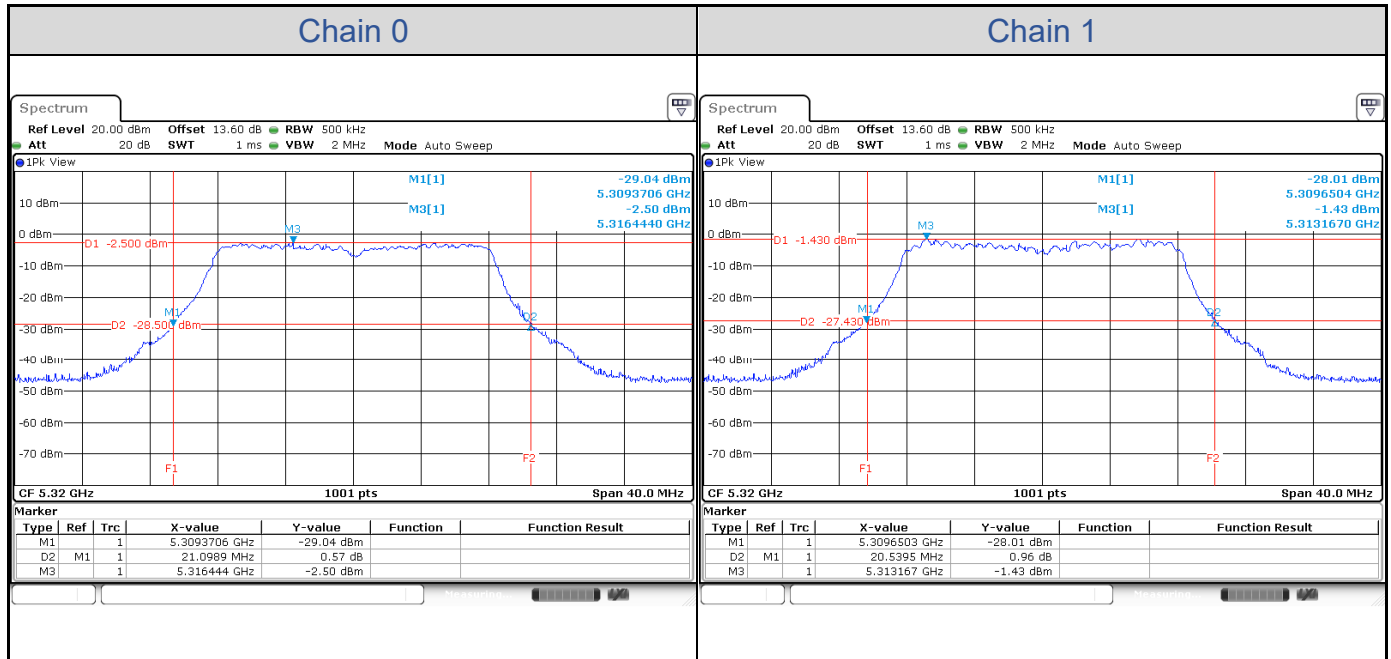
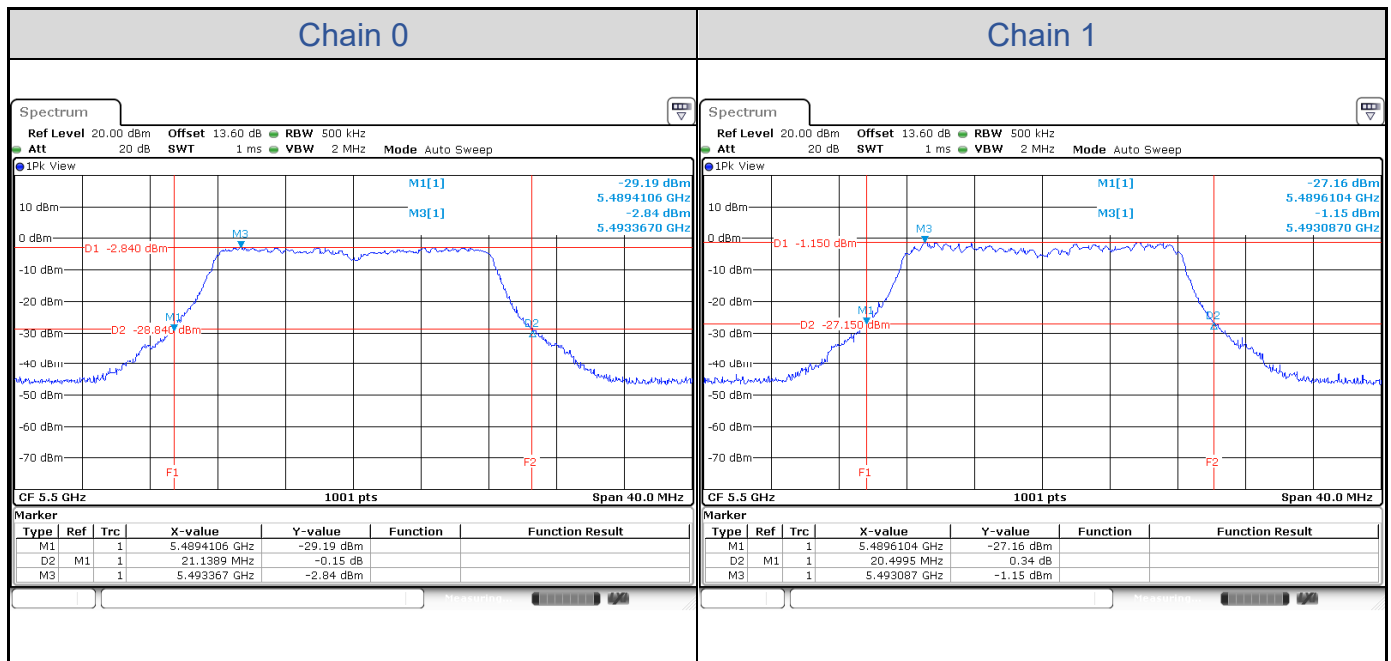
Band	Channel	Frequency (MHz)	26 dB Bandwidth (MHz)	
			Chain 0	Chain 1
U-NII-1	36	5180	21.10	20.50
	40	5200	21.22	20.50
	48	5240	21.22	20.50
U-NII-2A	52	5260	21.02	20.62
	60	5300	21.14	20.38
	64	5320	21.10	20.54
U-NII-2C	100	5500	21.14	20.50
	116	5580	21.06	20.50
	140	5700	20.90	20.62

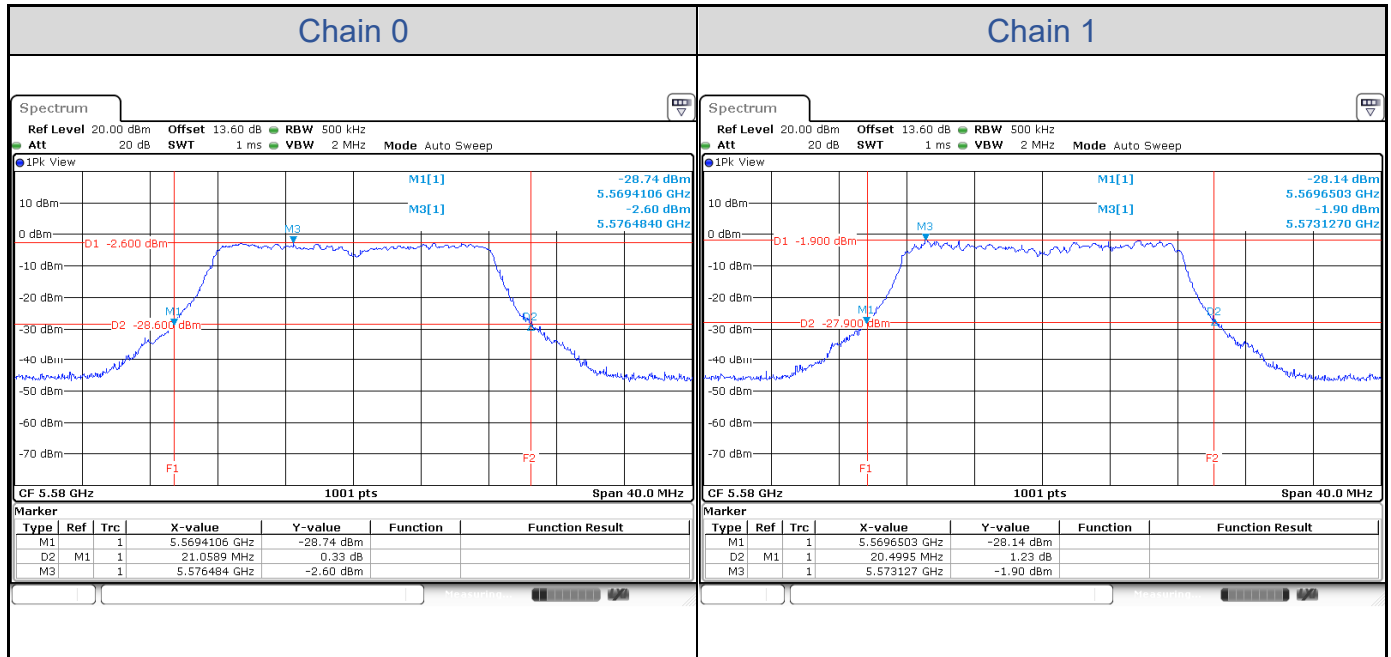
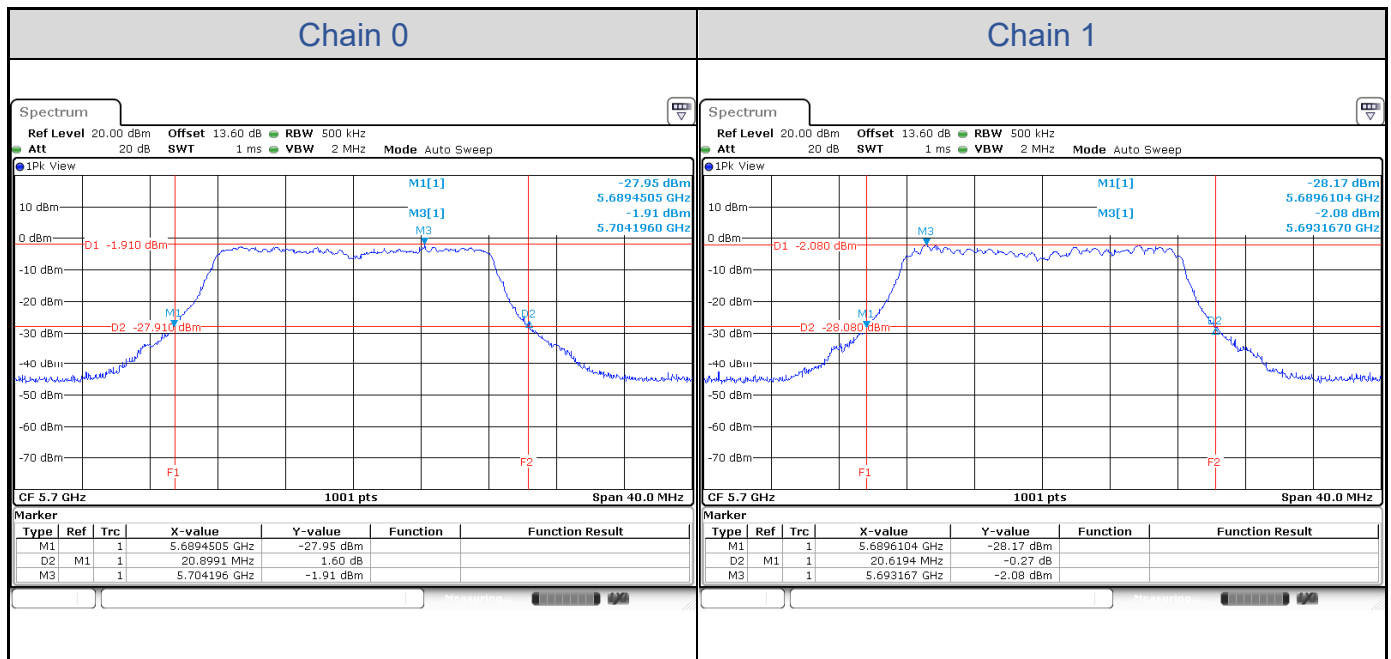
802.11a-Channel 36



802.11a-Channel 40

802.11a-Channel 48


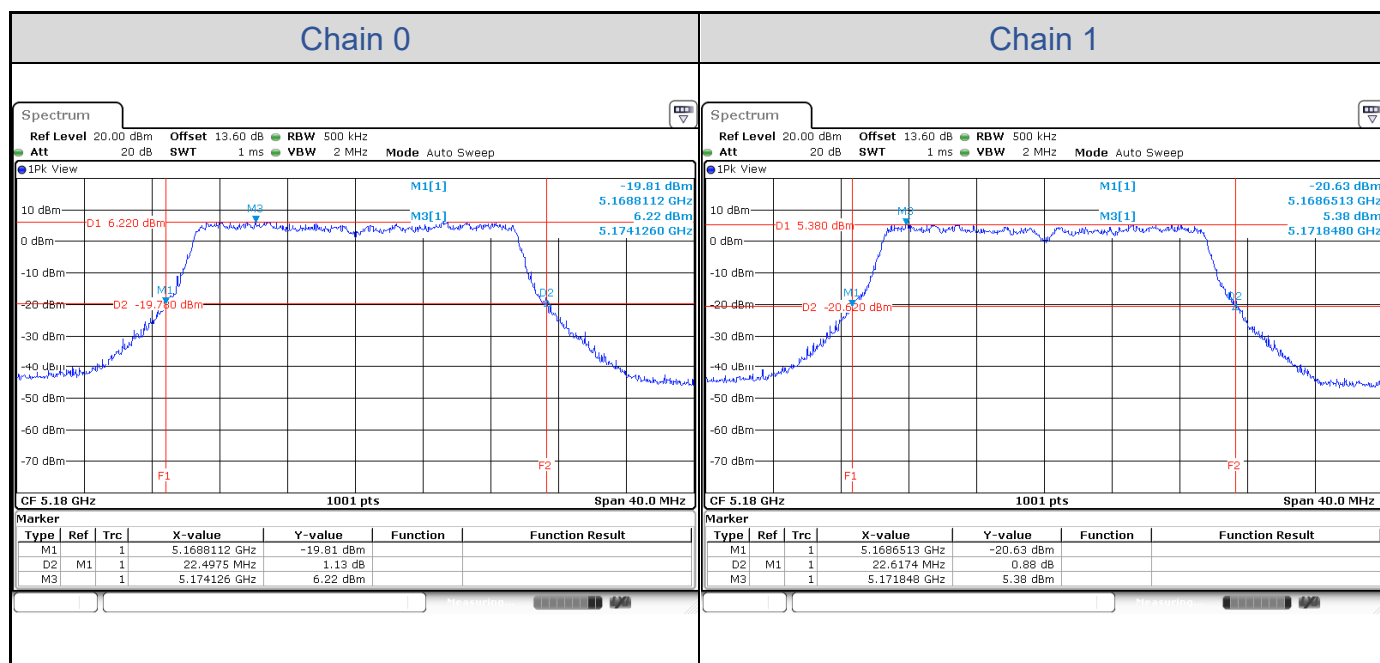
802.11a-Channel 52

802.11a-Channel 60


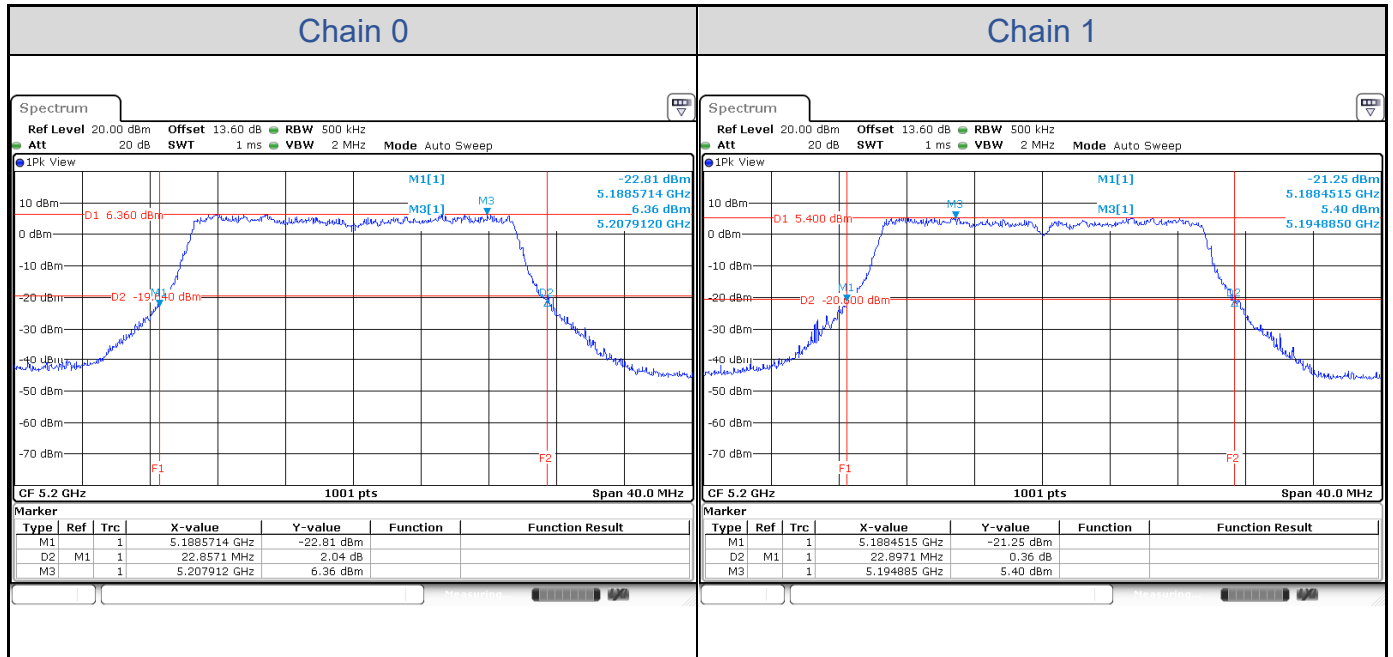
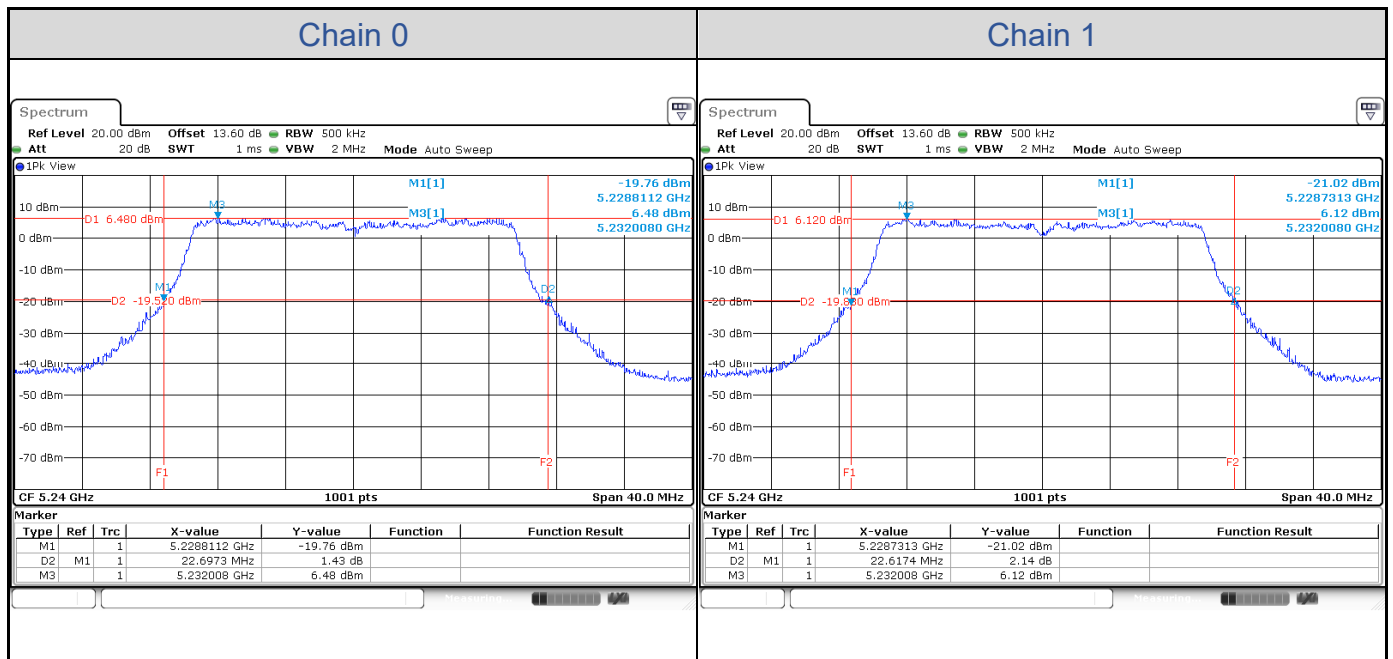
802.11a-Channel 64

802.11a-Channel 100


802.11a-Channel 116

802.11a-Channel 140


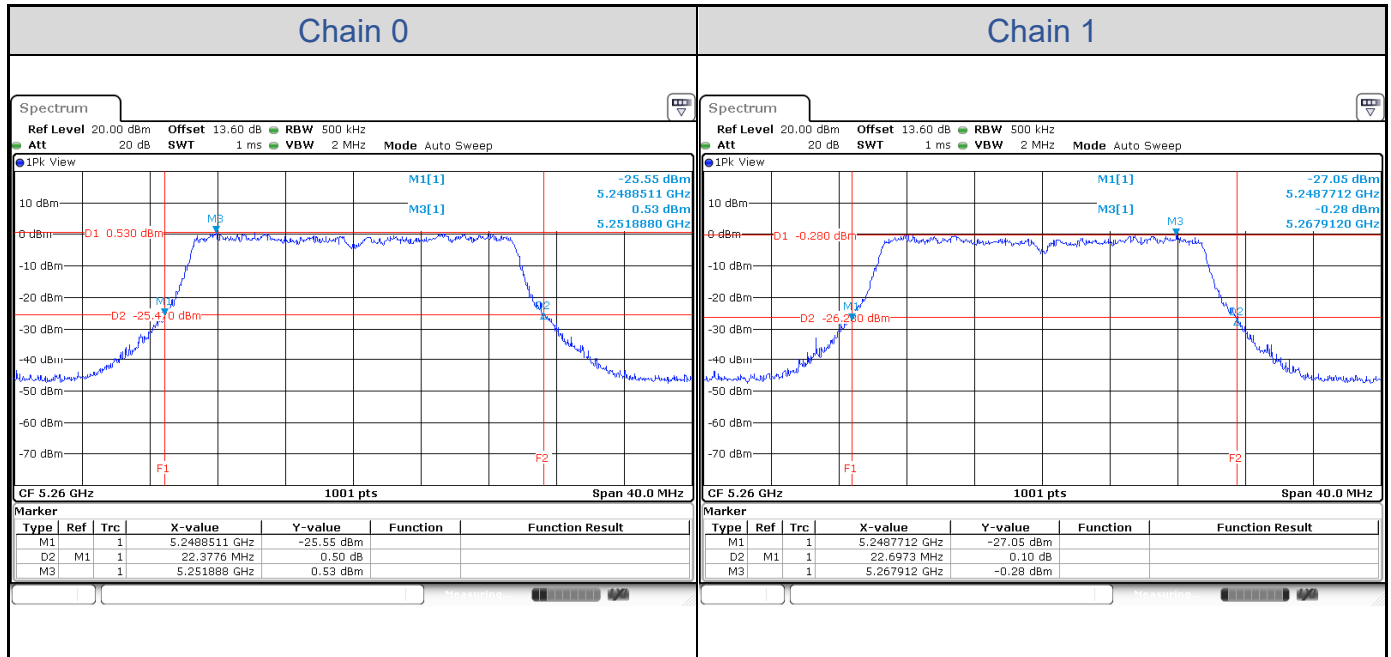
802.11ax HE20

Band	Channel	Frequency (MHz)	26 dB Bandwidth (MHz)	
			Chain 0	Chain 1
U-NII-1	36	5180	22.50	22.62
	40	5200	22.86	22.90
	48	5240	22.70	22.62
U-NII-2A	52	5260	22.38	22.70
	60	5300	22.54	22.46
	64	5320	22.82	22.50
U-NII-2C	100	5500	22.38	22.58
	116	5580	22.46	22.86
	140	5700	22.46	22.70

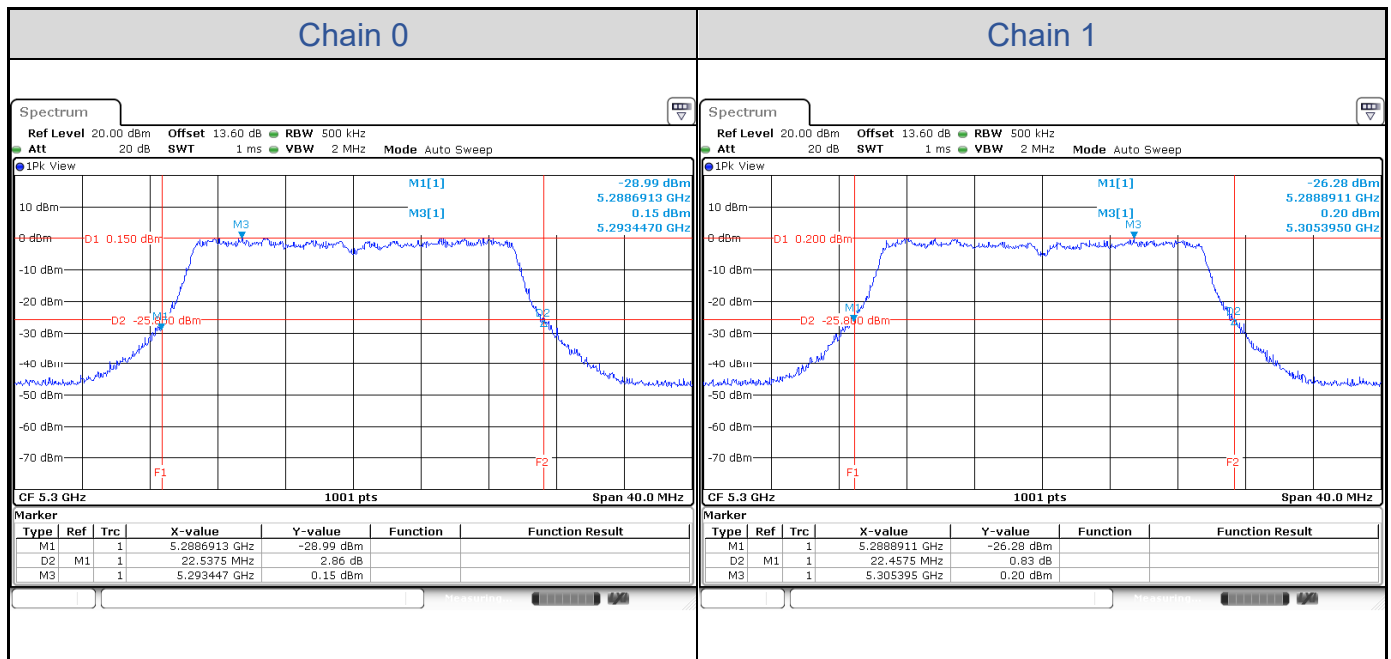
802.11ax HE20-Channel 36


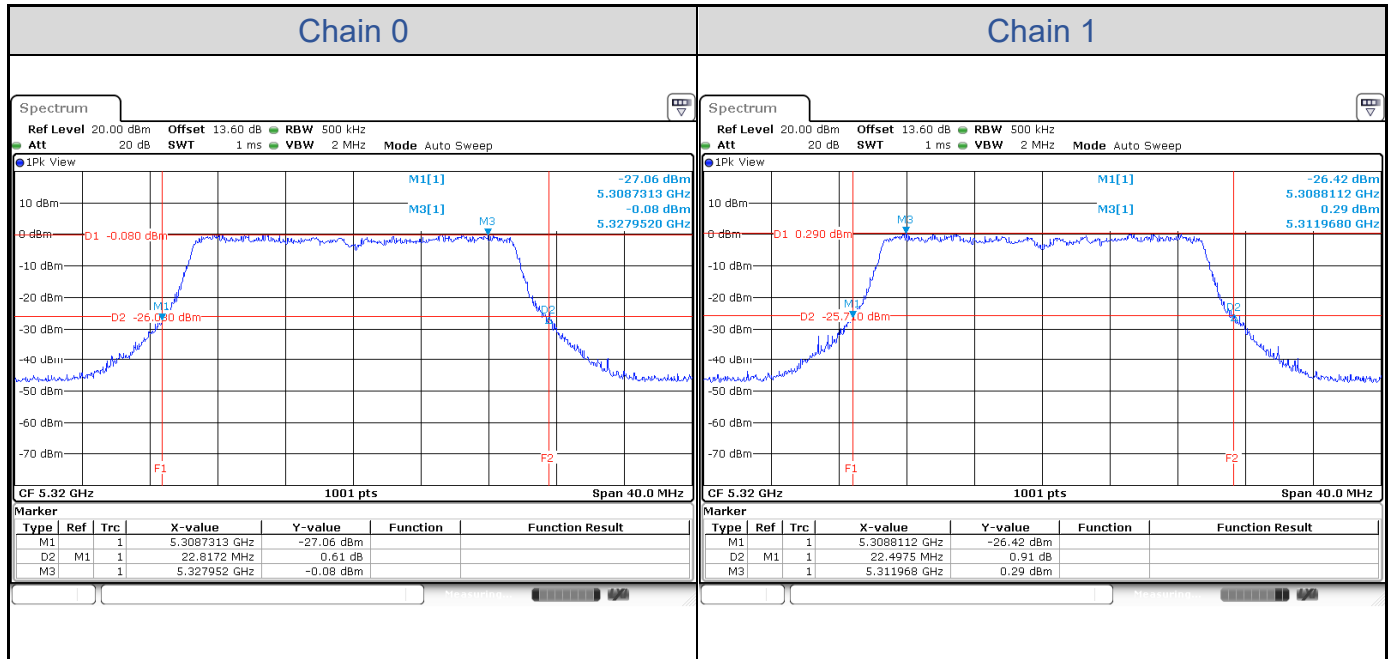
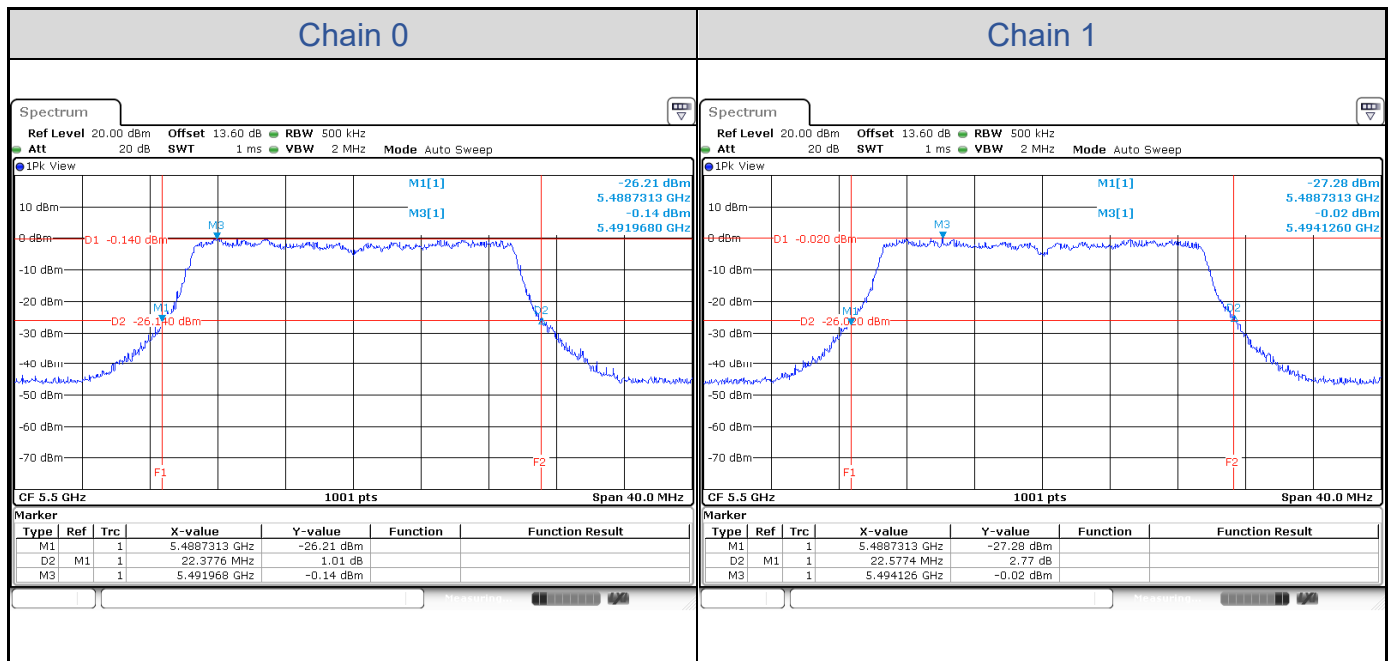
802.11ax HE20-Channel 40

802.11ax HE20-Channel 48


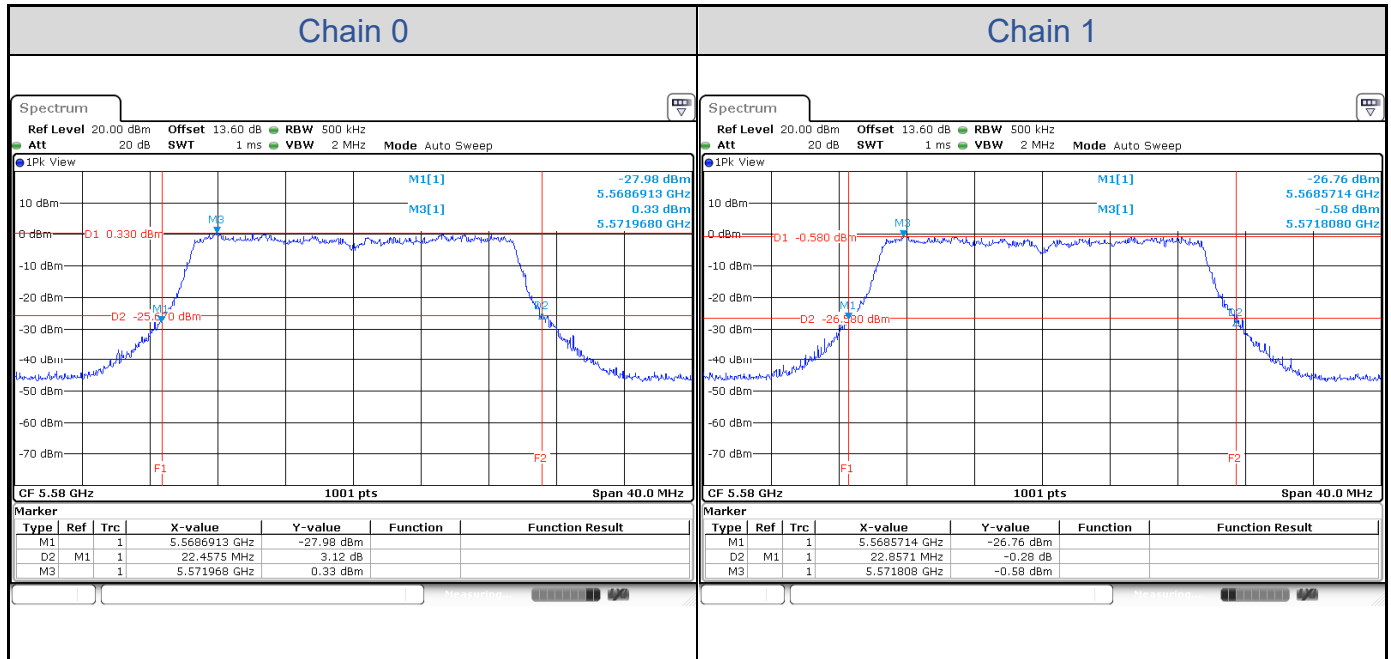
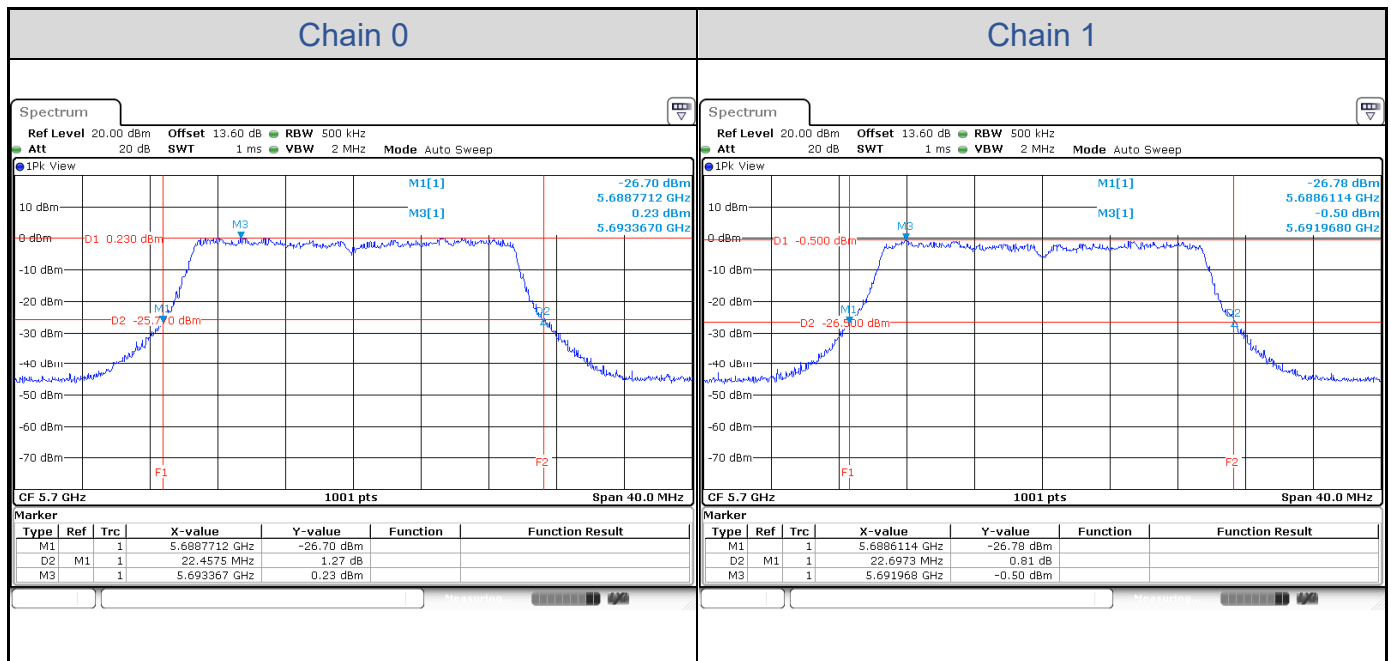
802.11ax HE20-Channel 52



802.11ax HE20-Channel 60

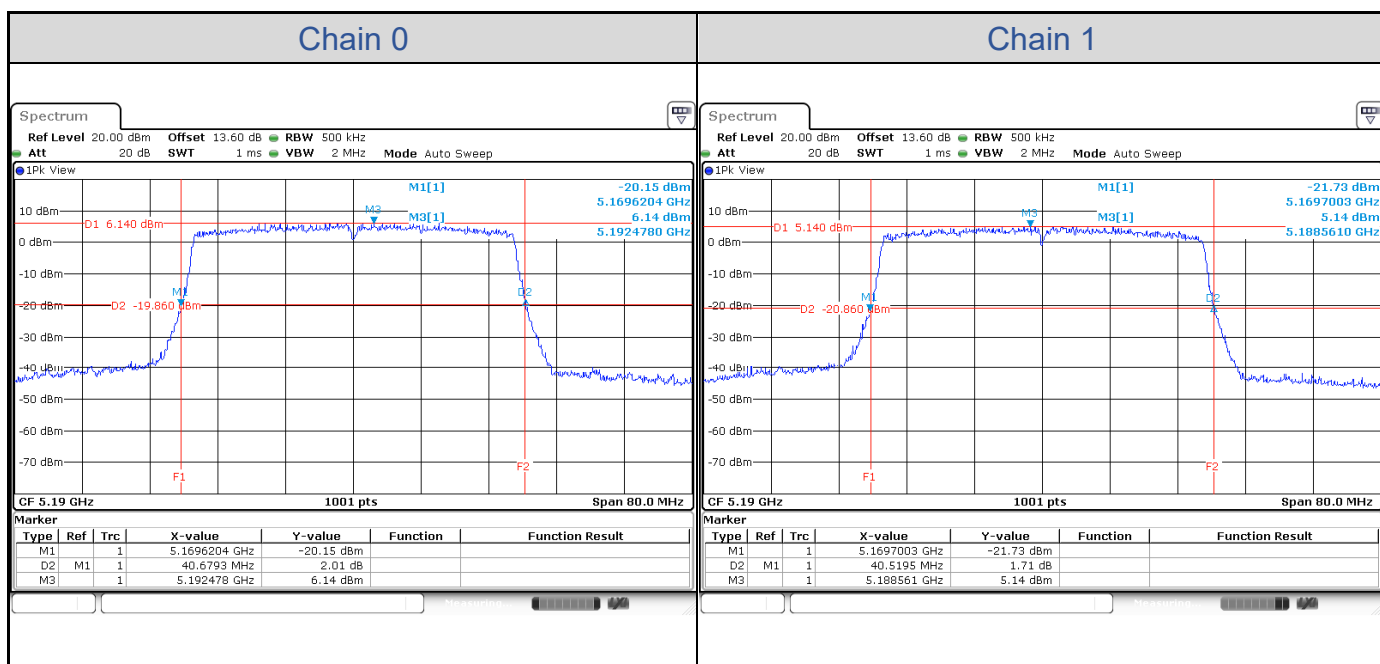


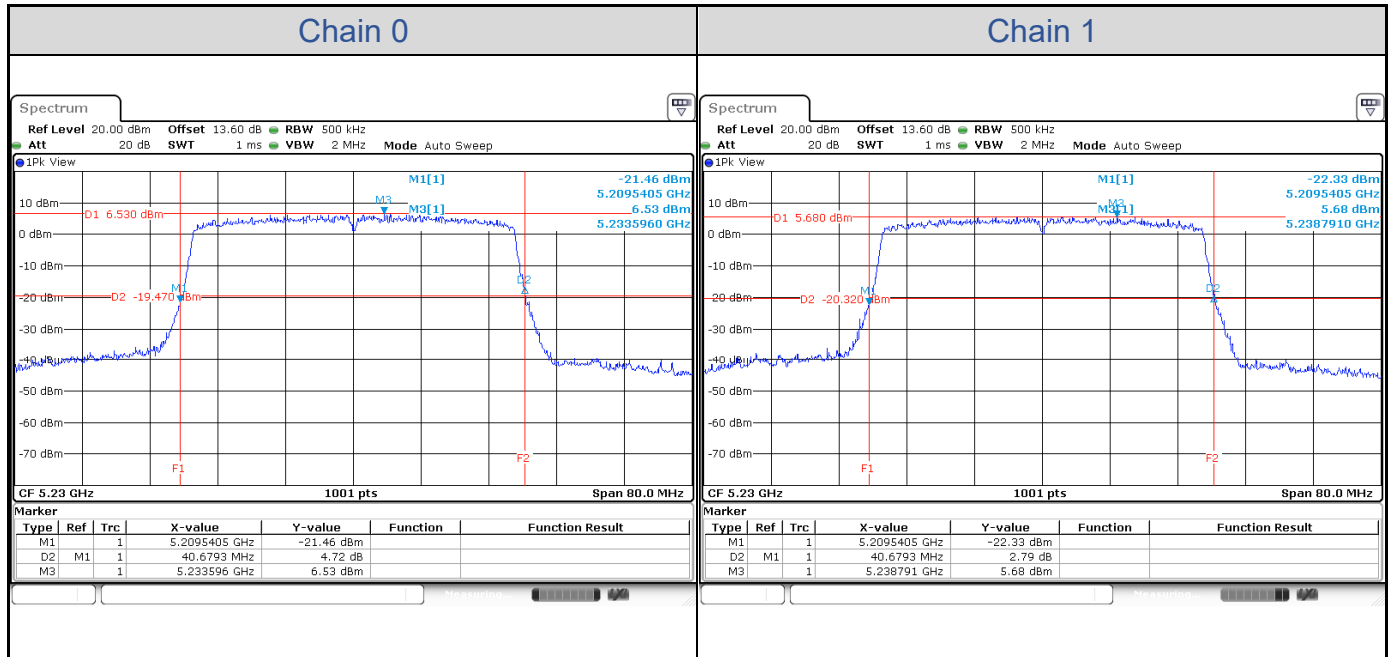
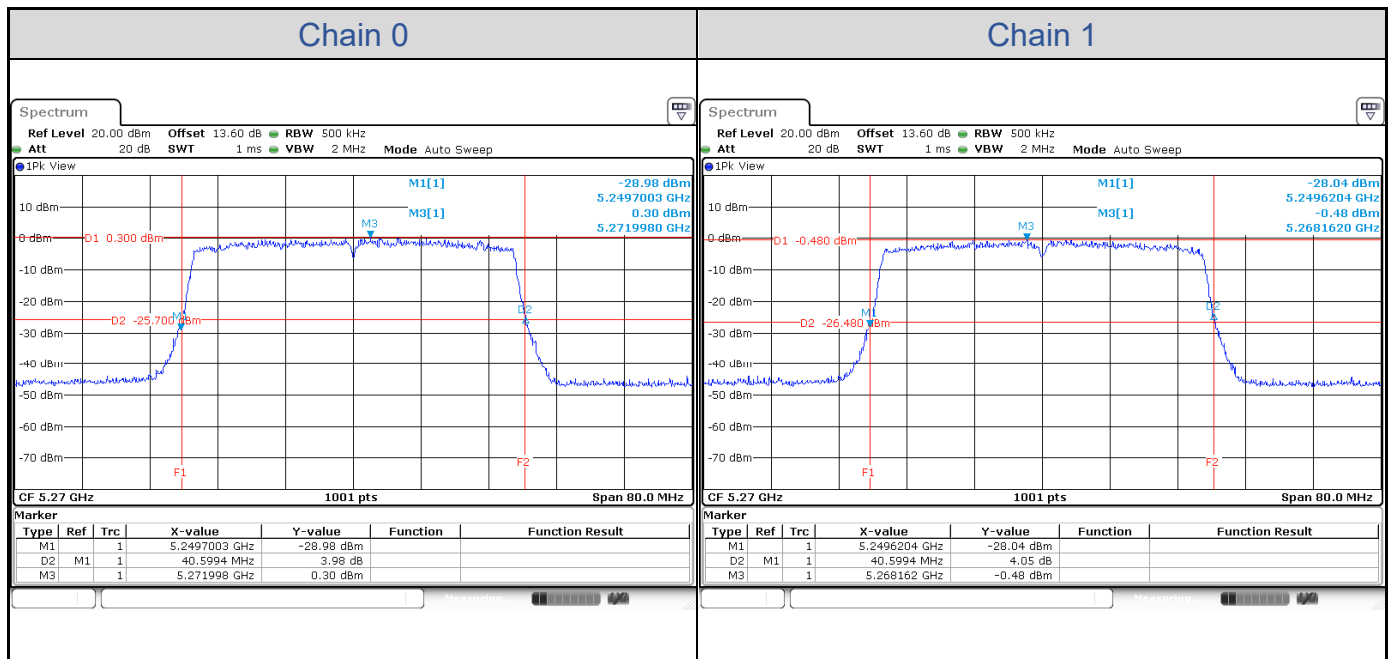
802.11ax HE20-Channel 64

802.11ax HE20-Channel 100


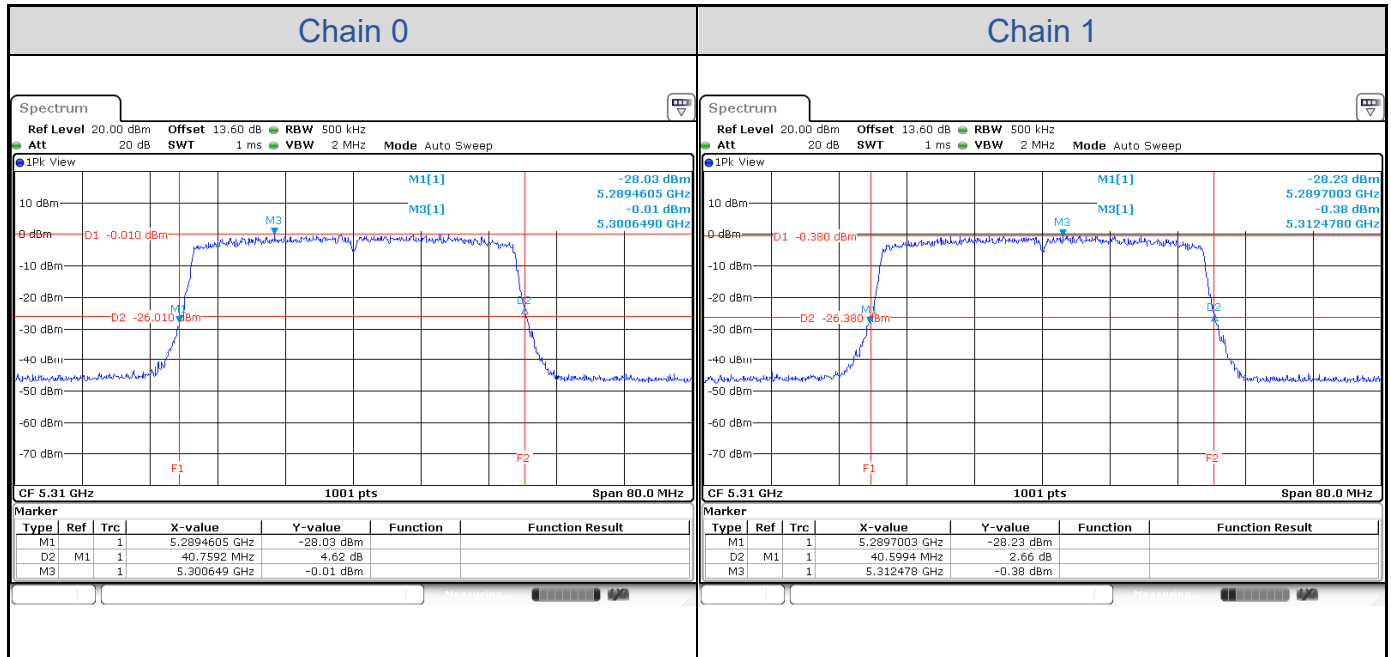
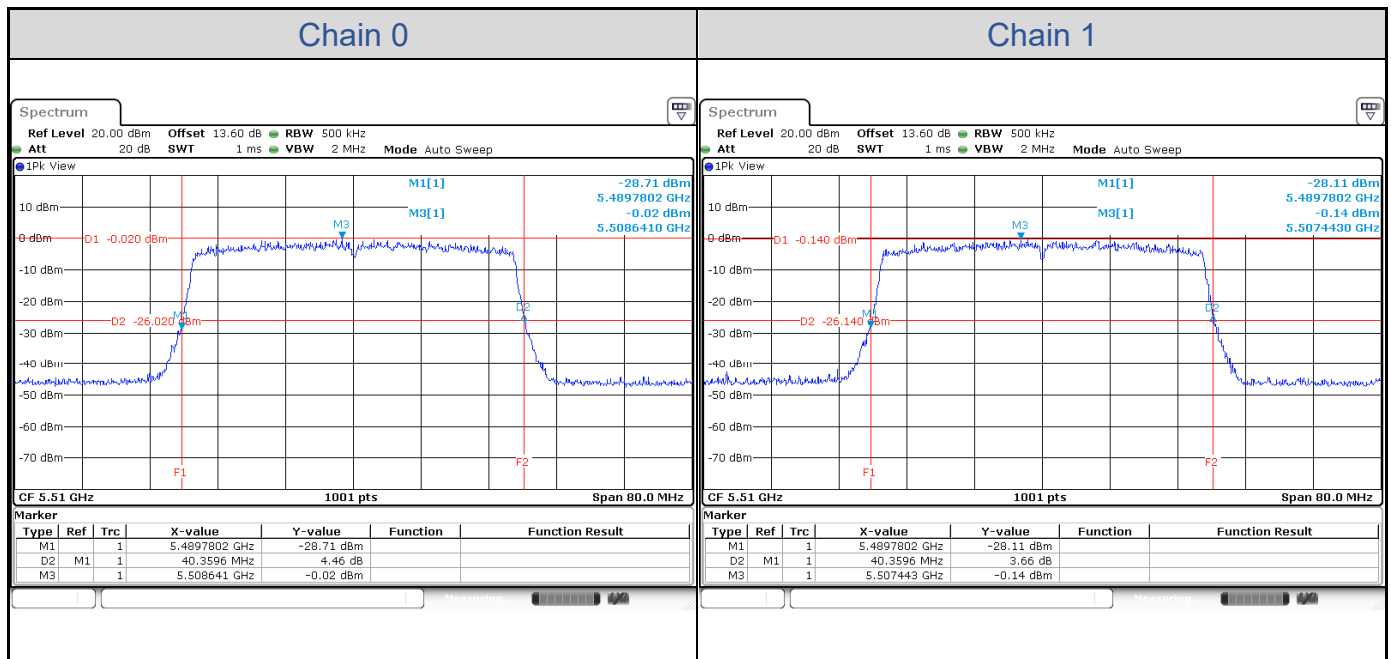
802.11ax HE20-Channel 116

802.11ax HE20-Channel 140


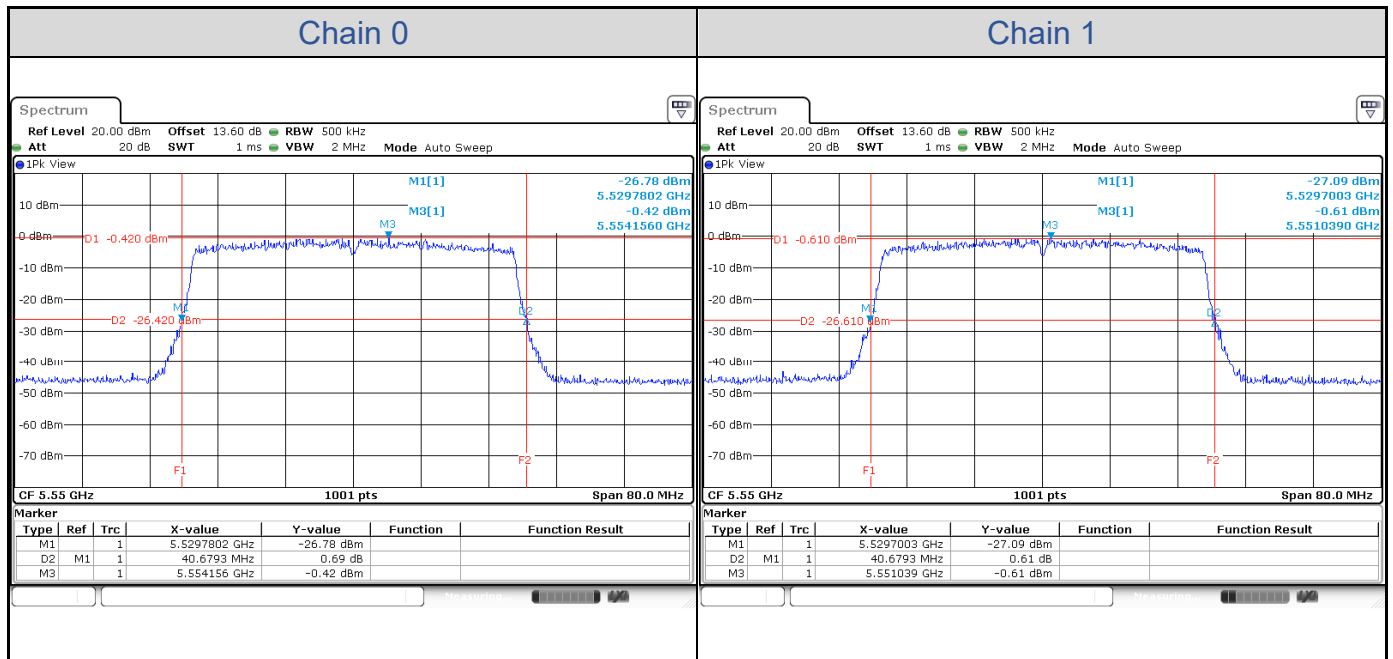
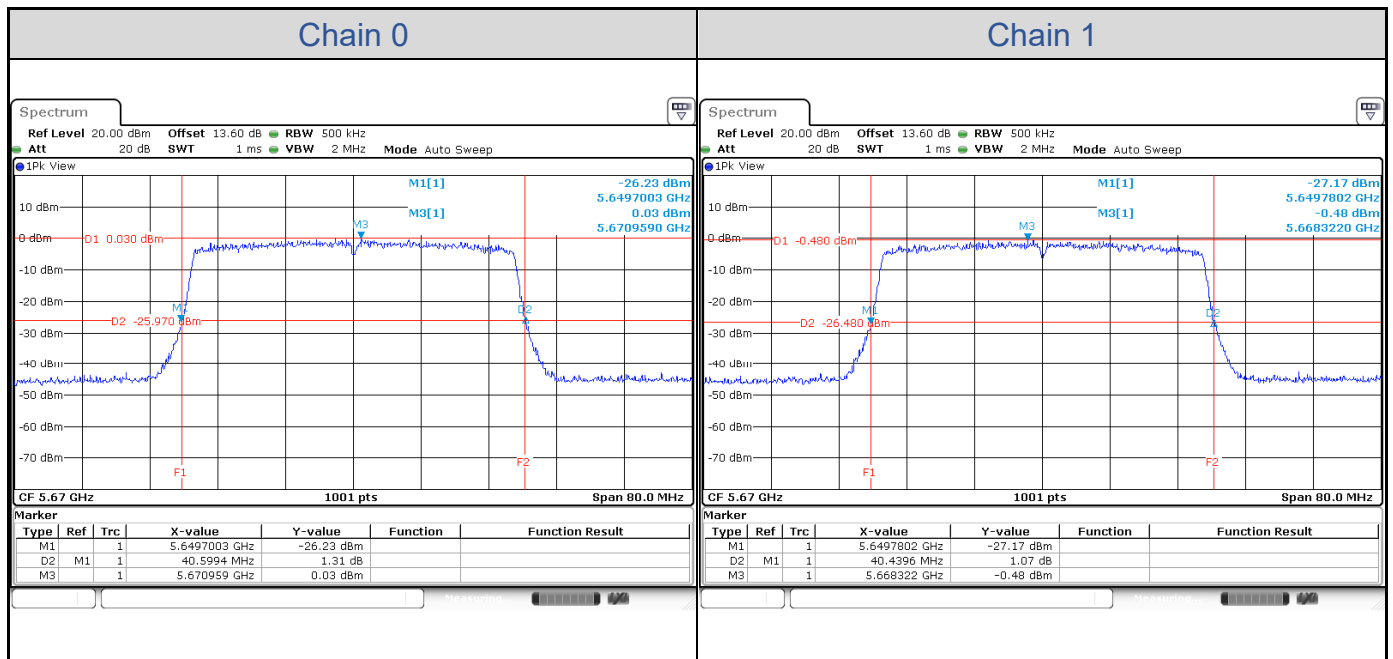
802.11ax HE40

Band	Channel	Frequency (MHz)	26 dB Bandwidth (MHz)	
			Chain 0	Chain 1
U-NII-1	38	5190	40.68	40.52
	46	5230	40.68	40.68
U-NII-2A	54	5270	40.60	40.60
	62	5310	40.76	40.60
U-NII-2C	102	5510	40.36	40.36
	110	5500	40.68	40.68
	134	5670	40.60	40.44

802.11ax HE40-Channel 38


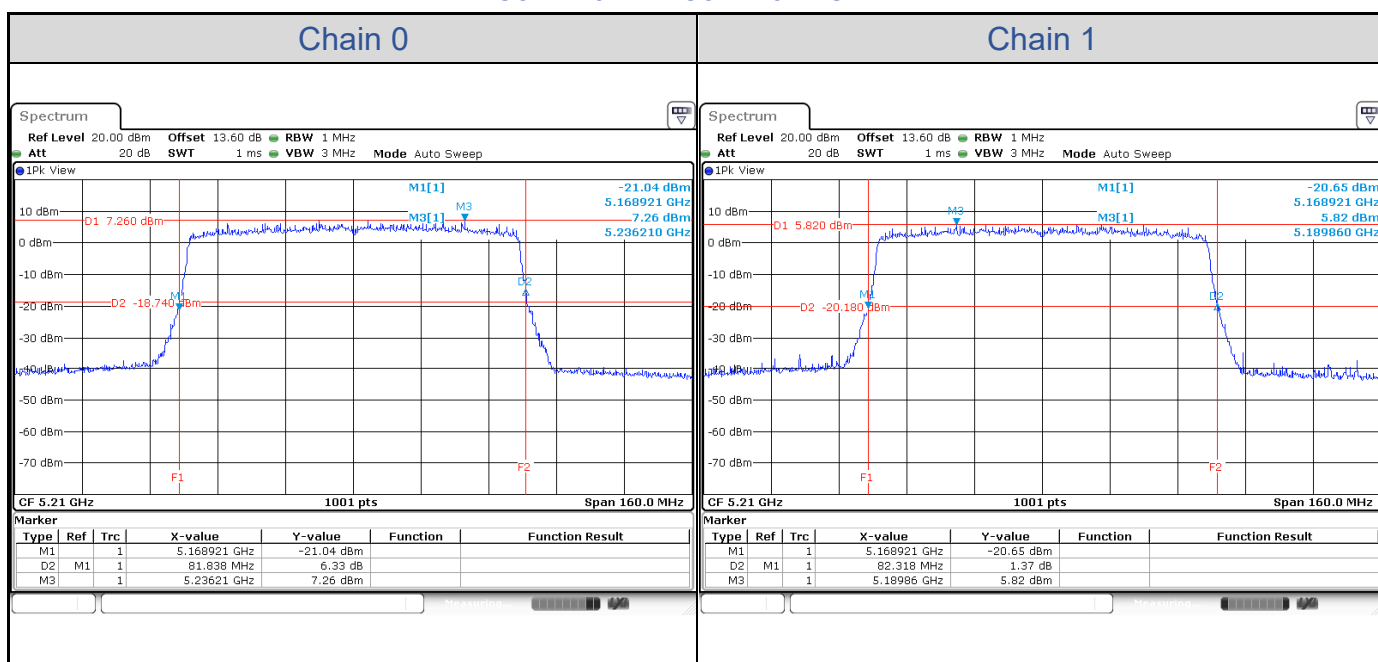
802.11ax HE40-Channel 46

802.11ax HE40-Channel 54


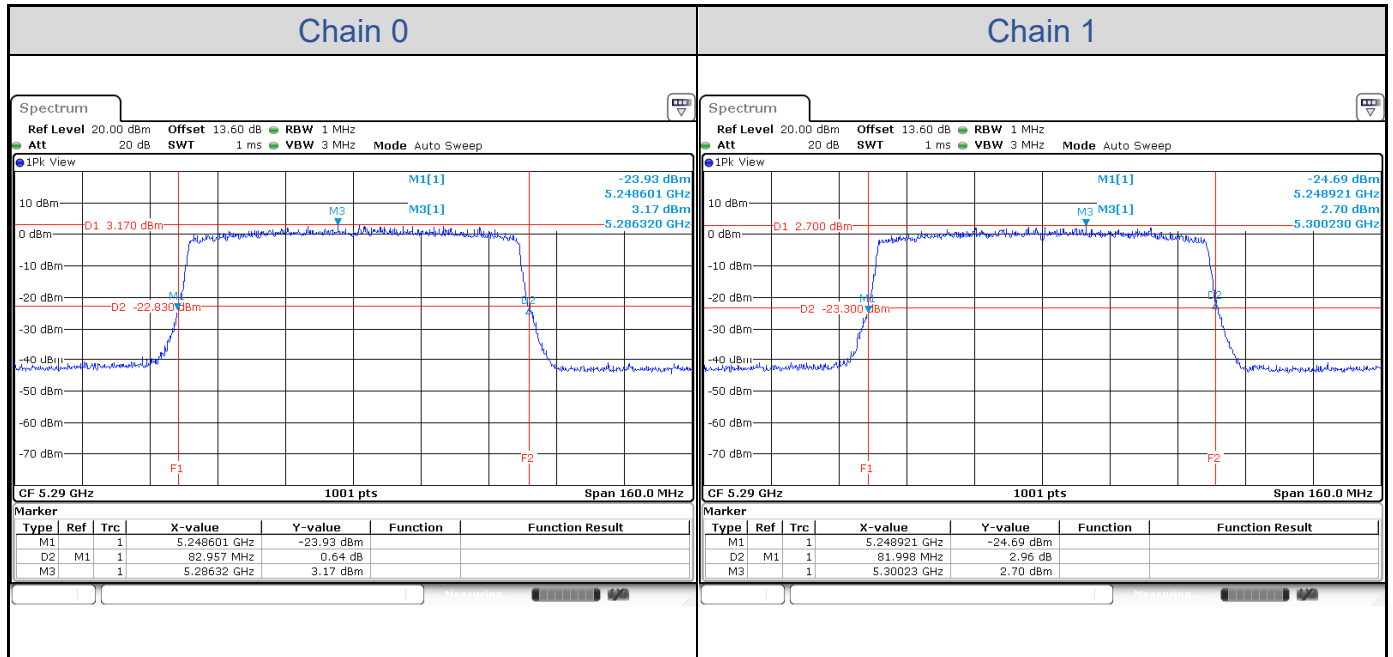
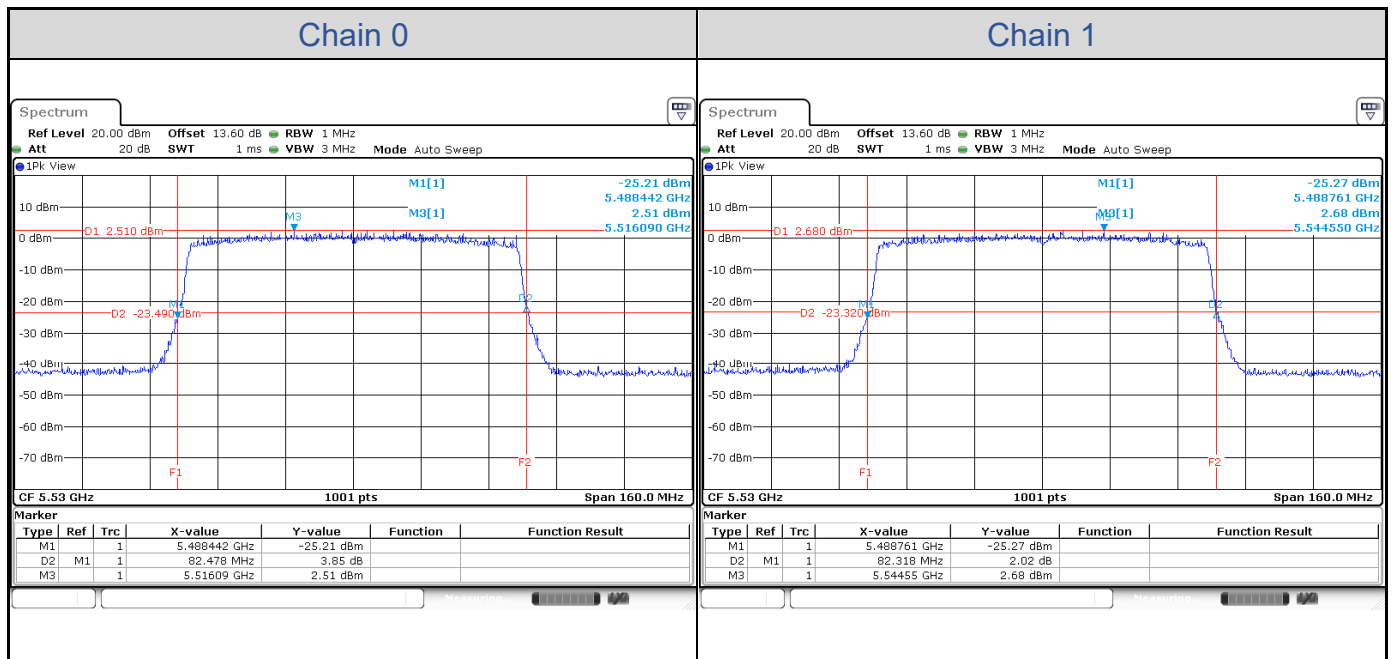
802.11ax HE40-Channel 62

802.11ax HE40-Channel 102


802.11ax HE40-Channel 110

802.11ax HE40-Channel 134


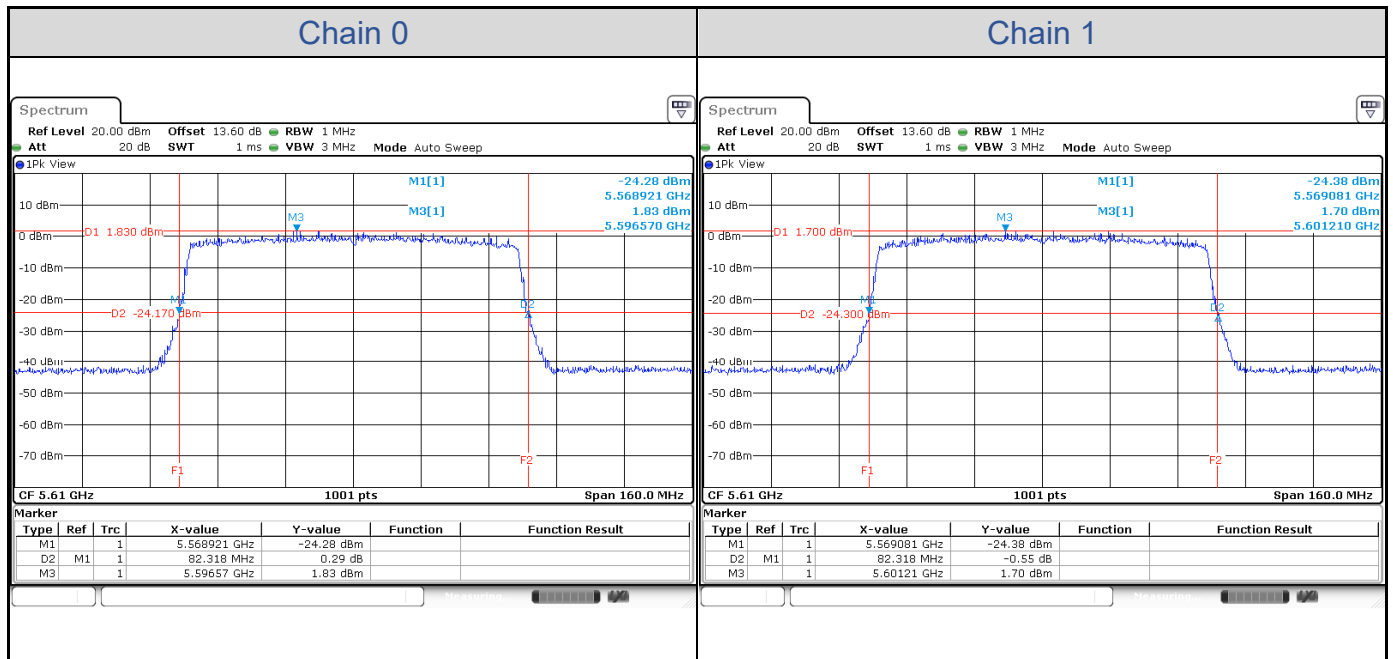
802.11ax HE80

Band	Channel	Frequency (MHz)	26 dB Bandwidth (MHz)	
			Chain 0	Chain 1
U-NII-1	42	5210	81.84	82.32
U-NII-2A	58	5290	82.96	82.00
U-NII-2C	106	5530	82.48	82.32
	122	5610	82.32	82.32

802.11ax HE80-Channel 42


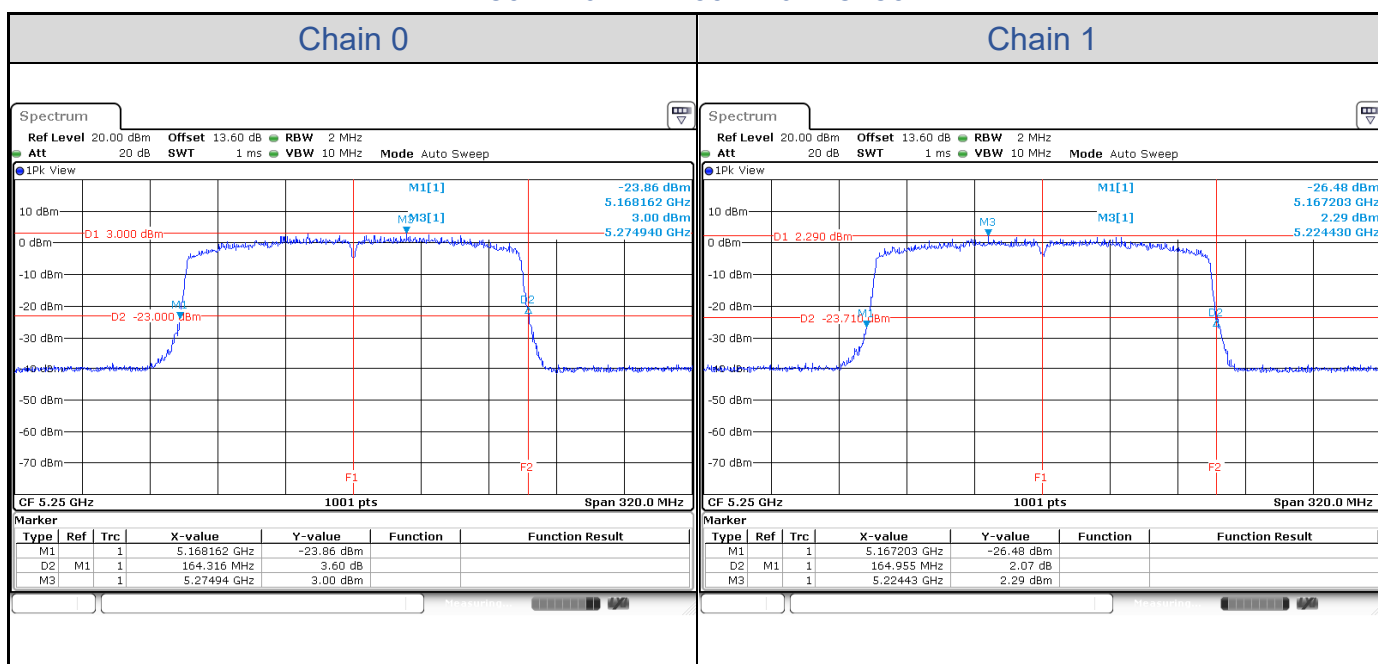
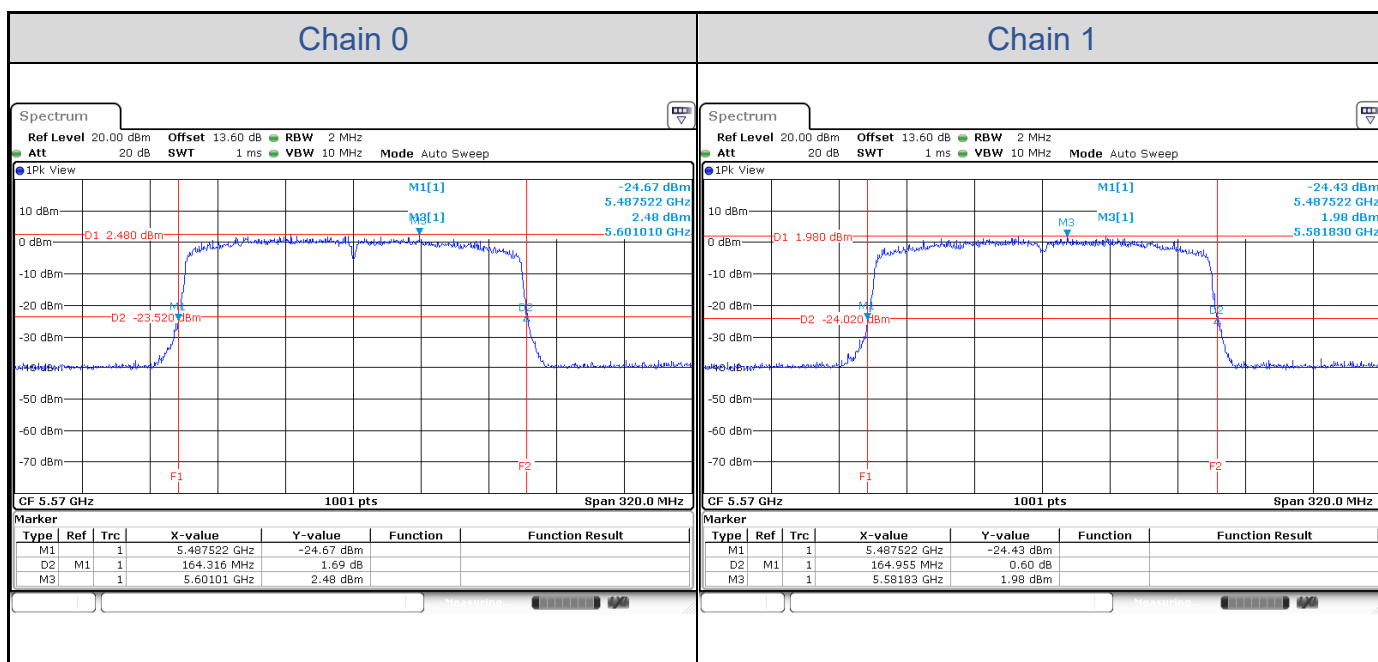
802.11ax HE80-Channel 58

802.11ax HE80-Channel 106


802.11ax HE80-Channel 122



802.11ax HE160

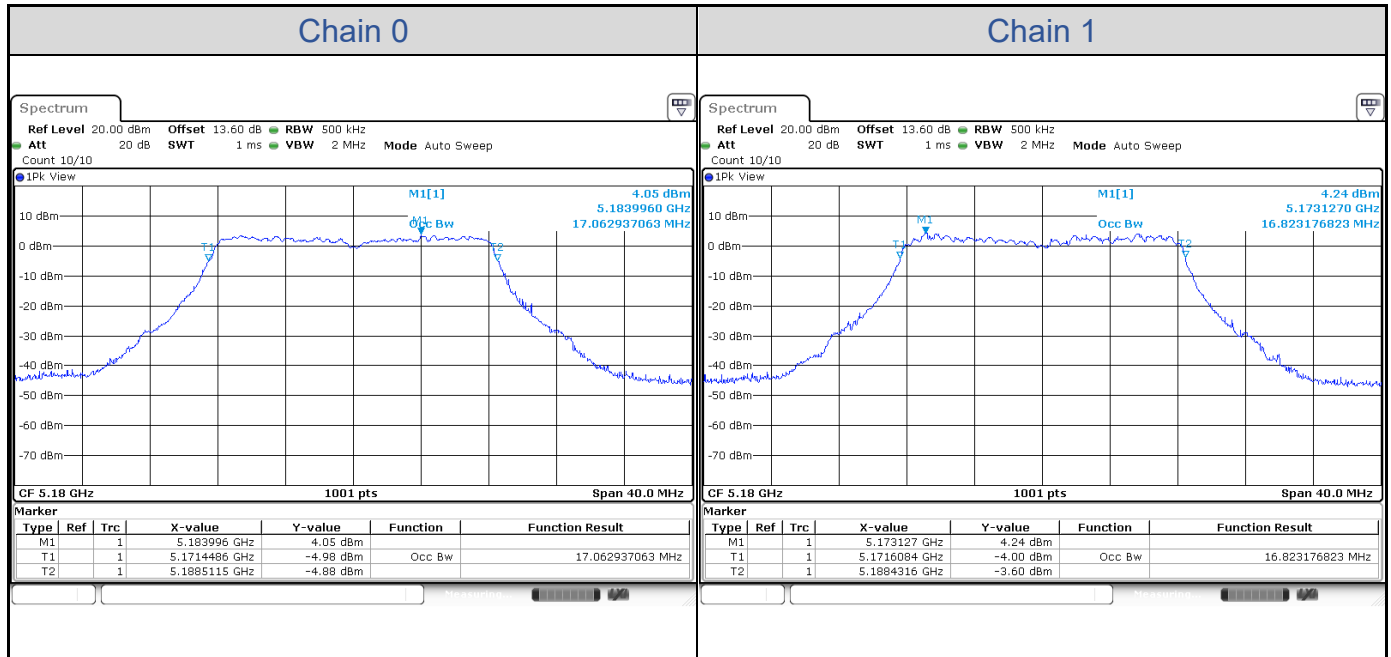
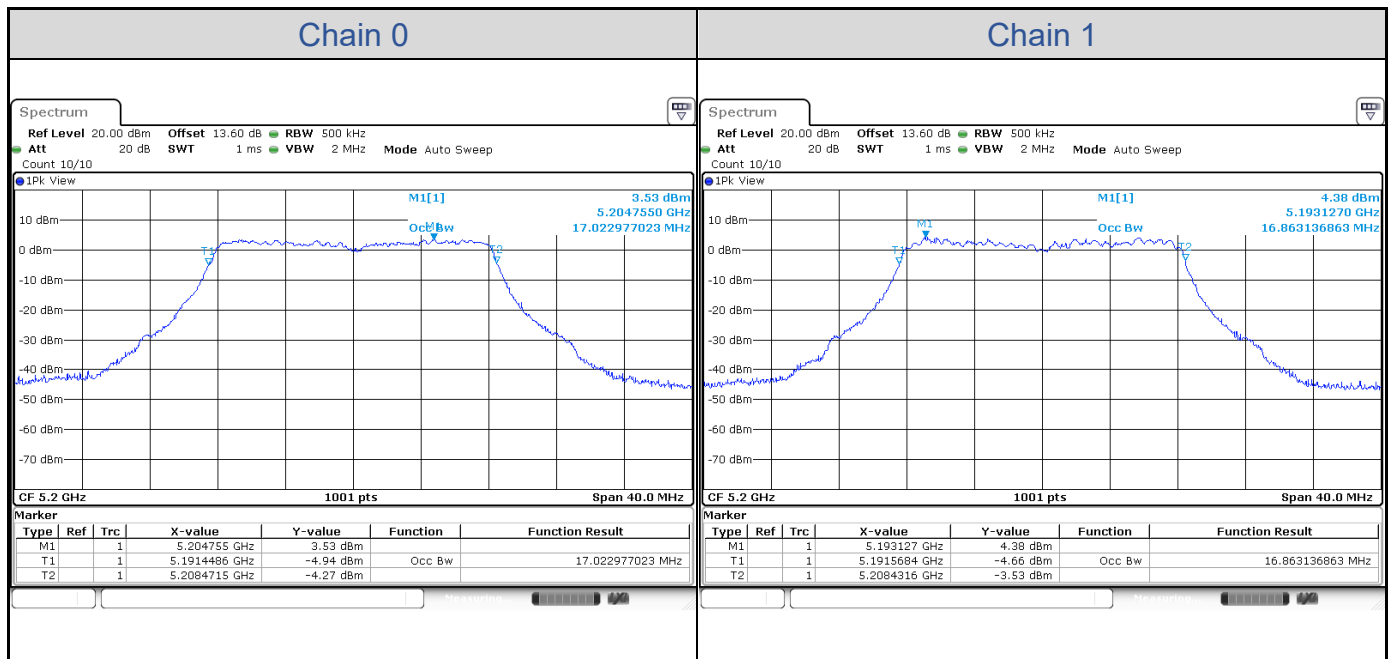
Band	Channel	Frequency (MHz)	26 dB Bandwidth (MHz)	
			Chain 0	Chain 1
U-NII-1	50	5250	81.84	82.80
U-NII-2A	50	5250	82.48	82.16
U-NII-2C	114	5570	164.32	164.96

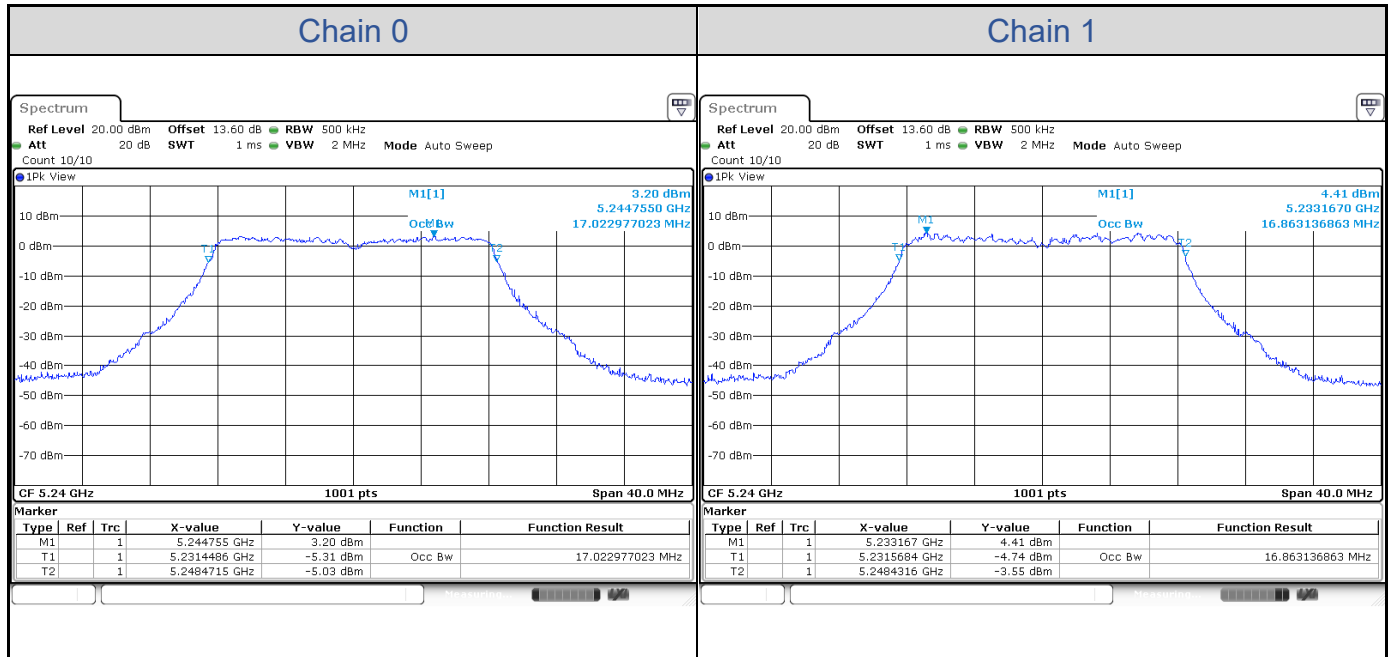
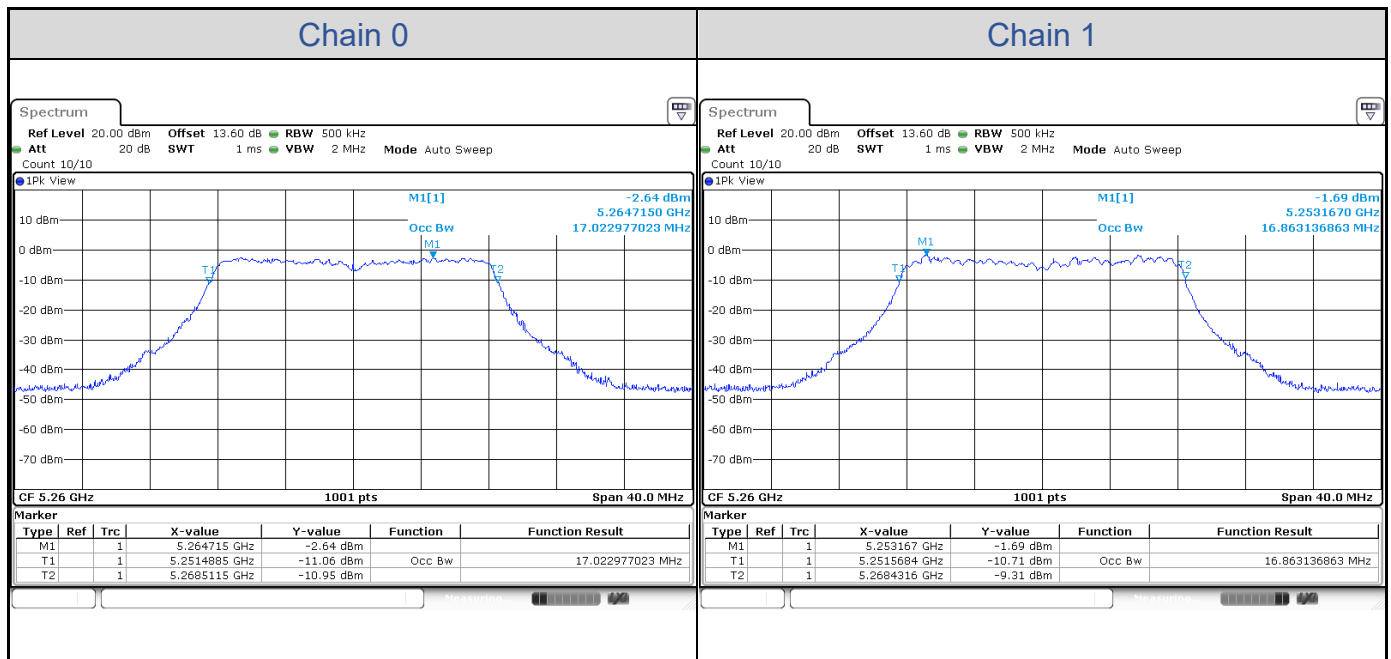
802.11ax HE160-Channel 50

802.11ax HE160-Channel 114


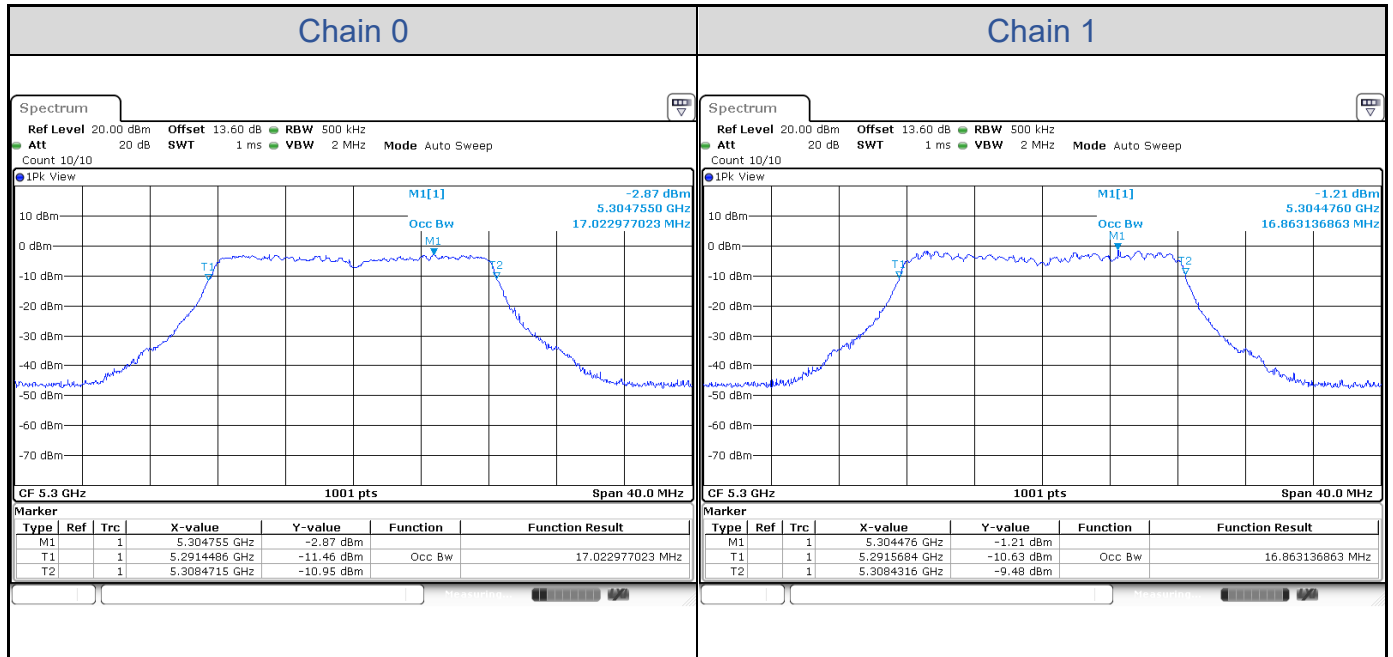
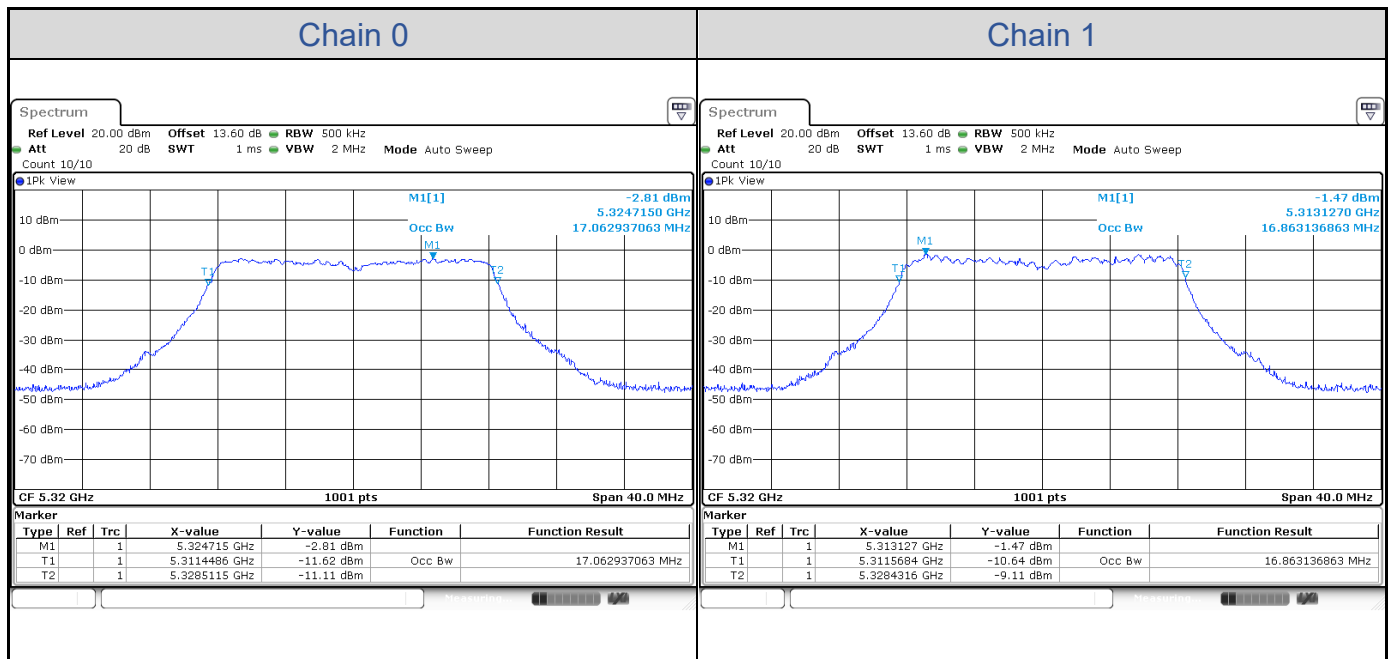
Test Result of 99% Occupied Bandwidth

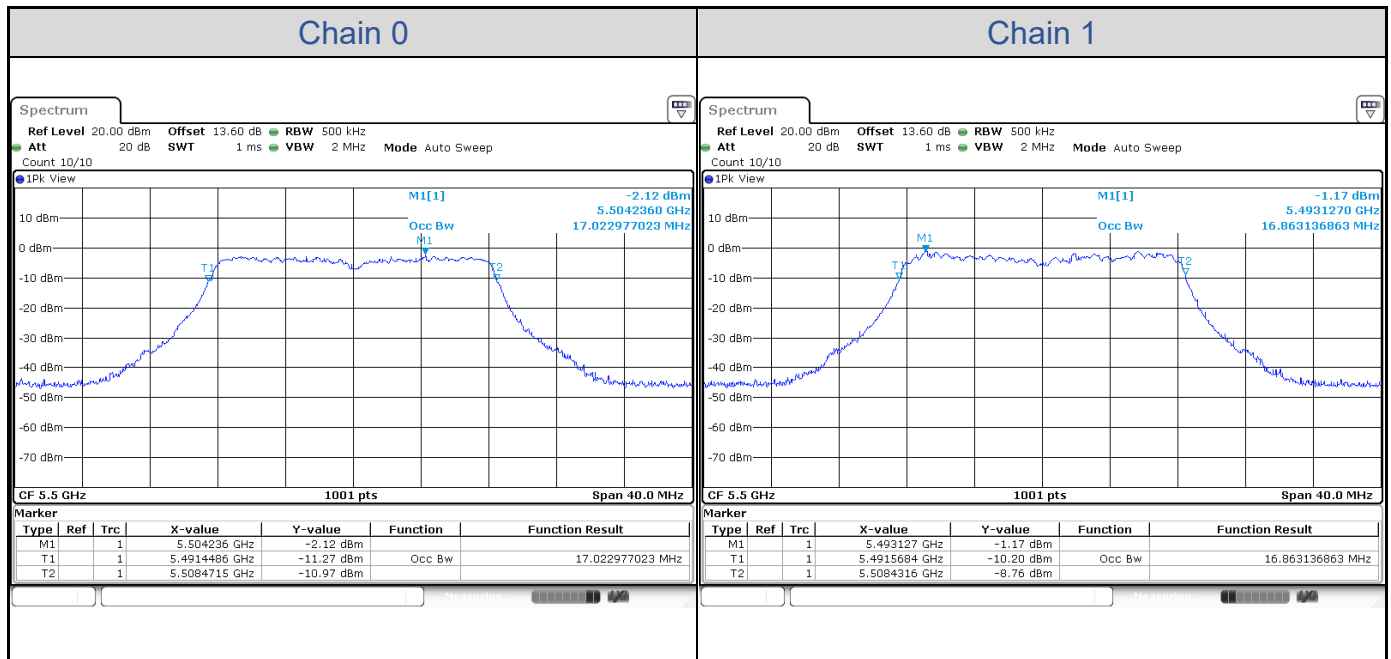
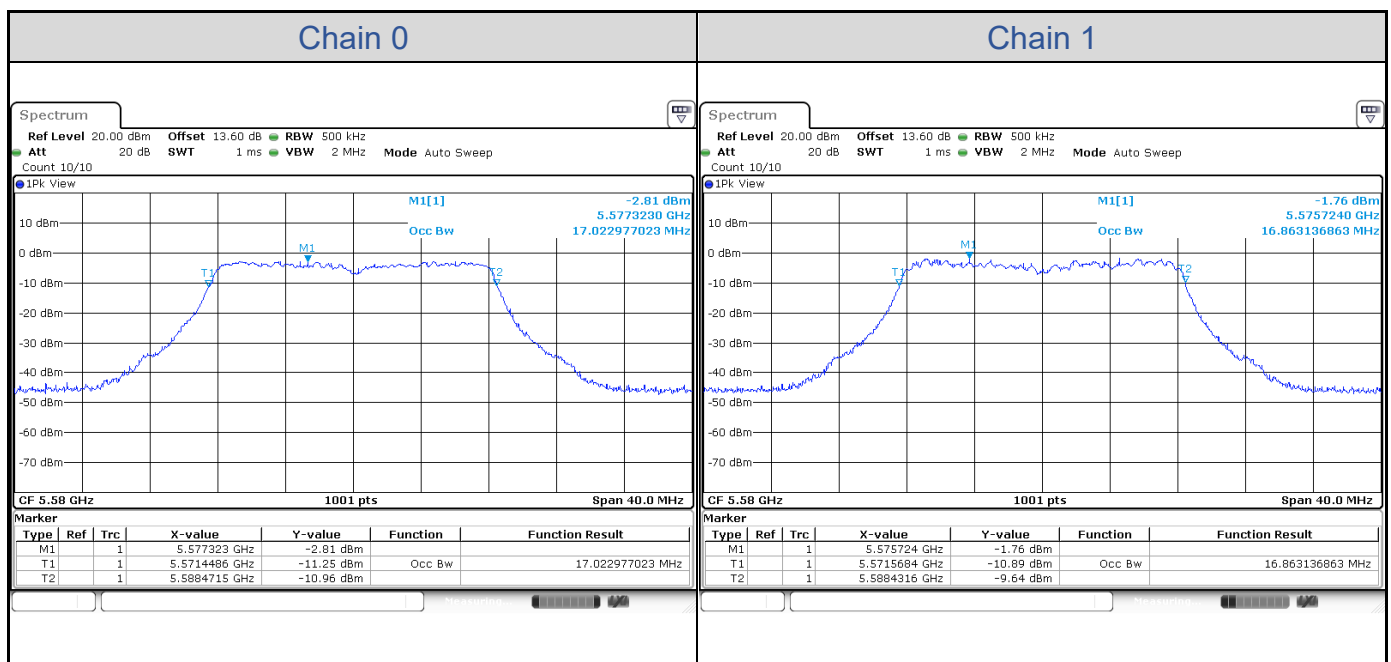
802.11a

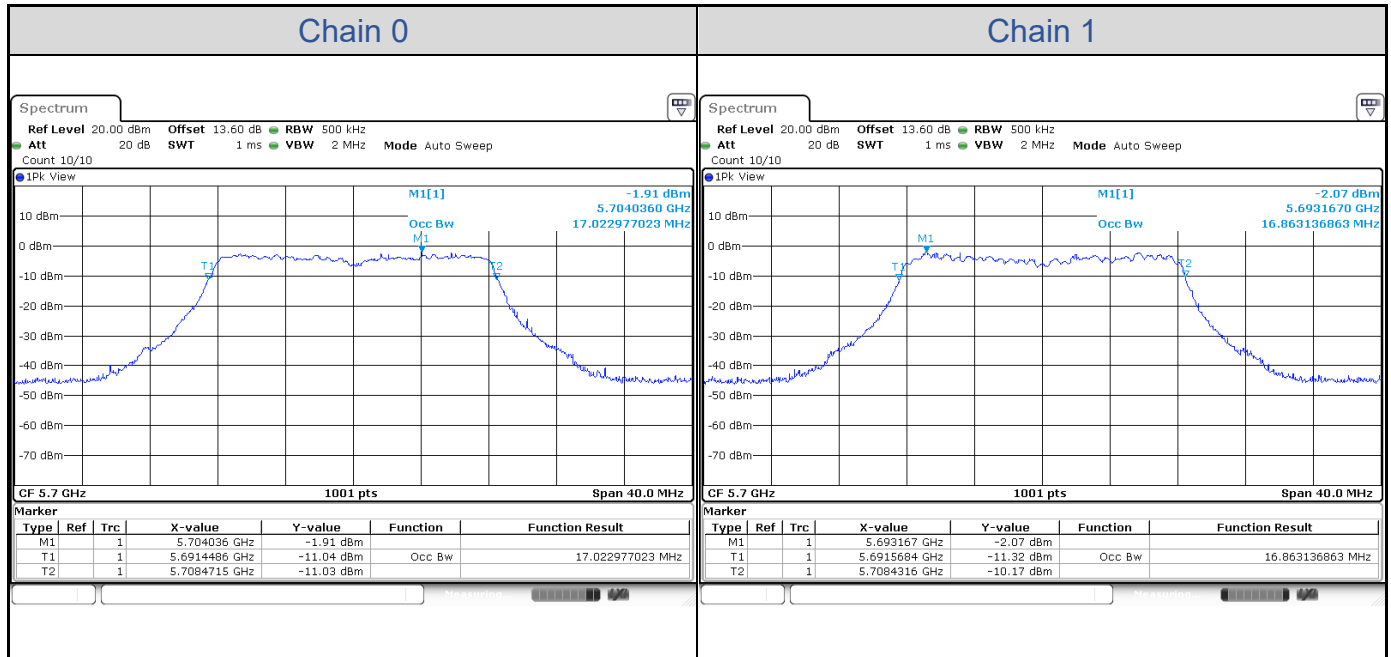
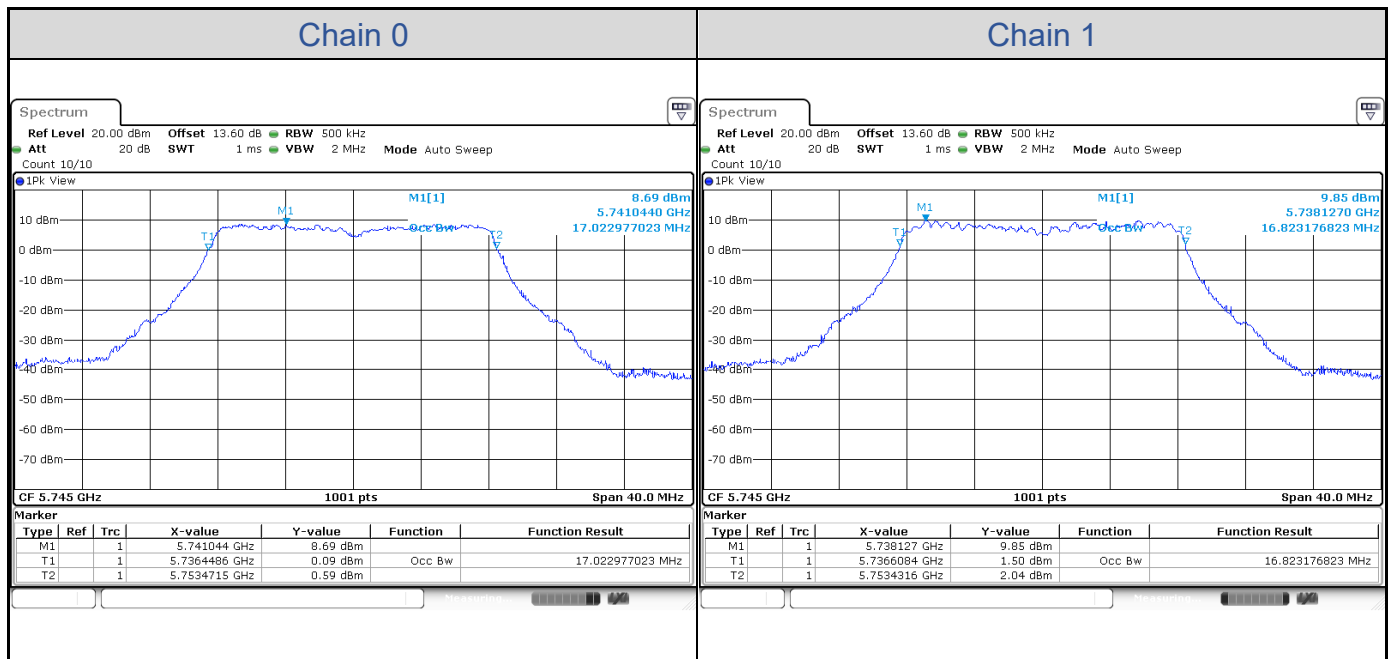
Band	Channel	Frequency (MHz)	99% Bandwidth (MHz)	
			Chain 0	Chain 1
U-NII-1	36	5180	17.06	16.82
	40	5200	17.02	16.86
	48	5240	17.02	16.86
U-NII-2A	52	5260	17.02	16.86
	60	5300	17.02	16.86
	64	5320	17.06	16.86
U-NII-2C	100	5500	17.02	16.86
	116	5580	17.02	16.86
	140	5700	17.02	16.86
U-NII-3	149	5745	17.02	16.82
	157	5785	17.02	16.82
	165	5825	17.02	16.78

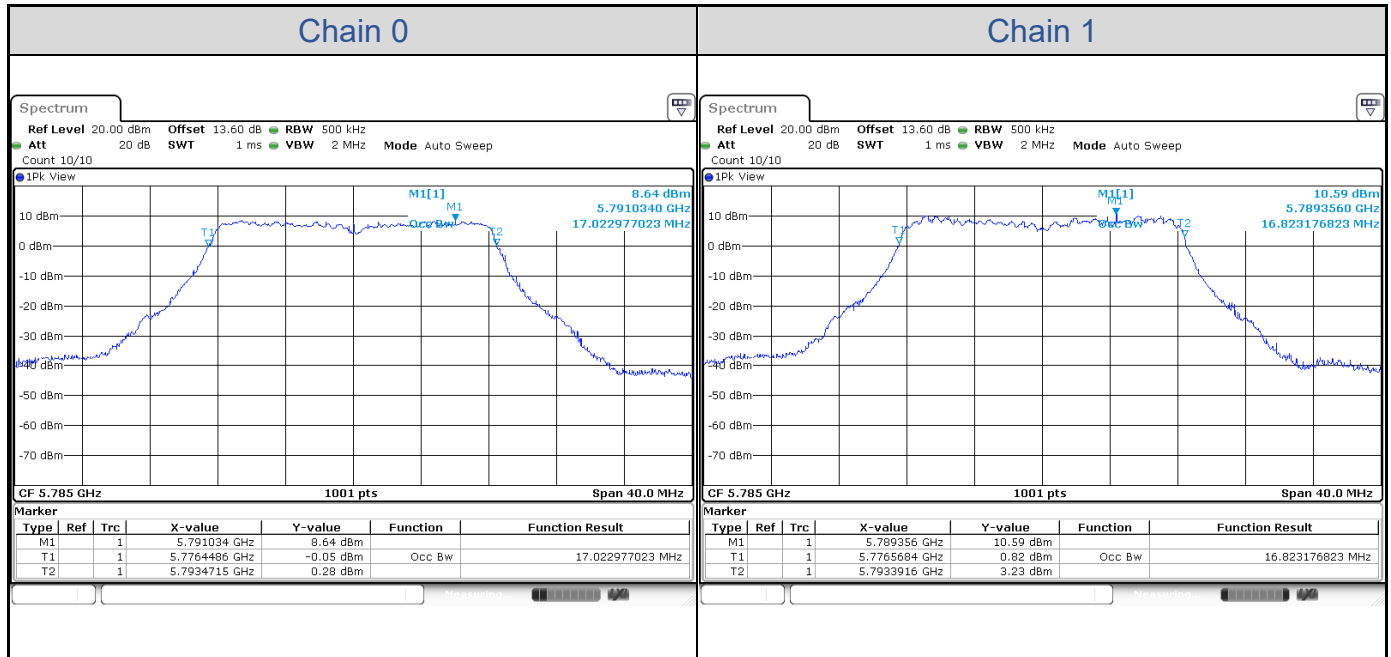
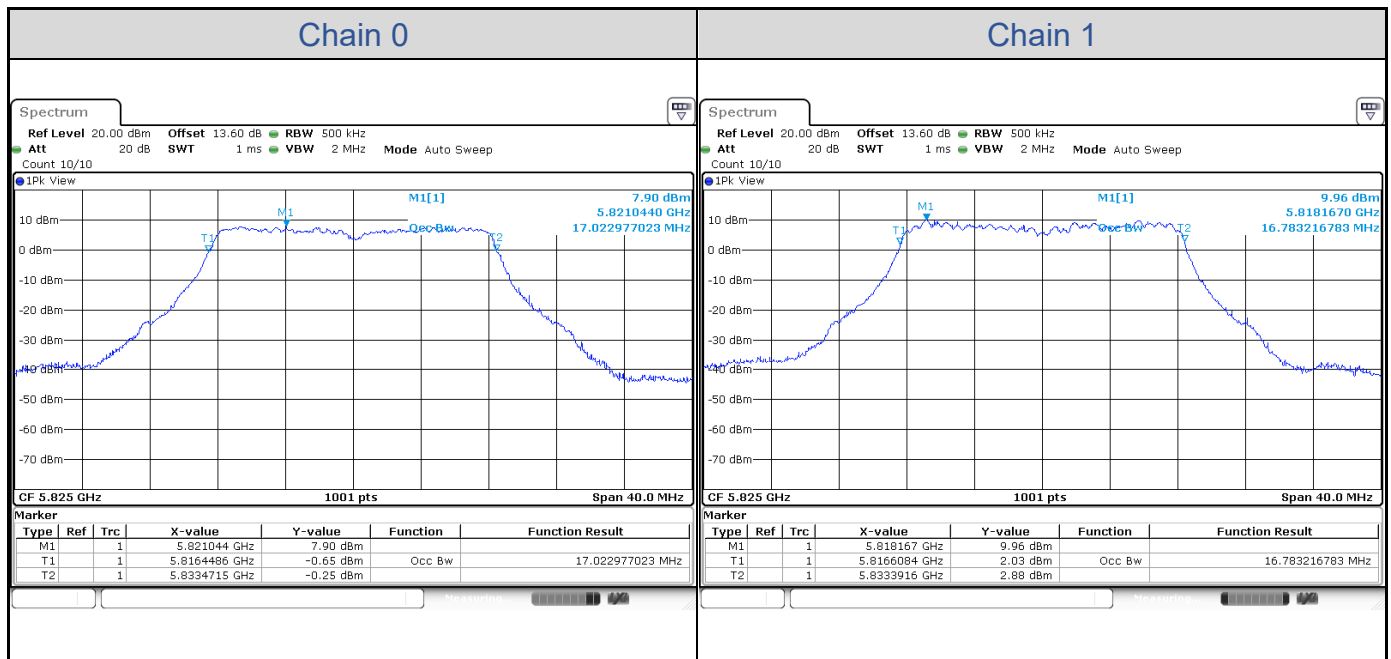
802.11a-Channel 36

802.11a-Channel 40


802.11a-Channel 48

802.11a-Channel 52


802.11a-Channel 60

802.11a-Channel 64


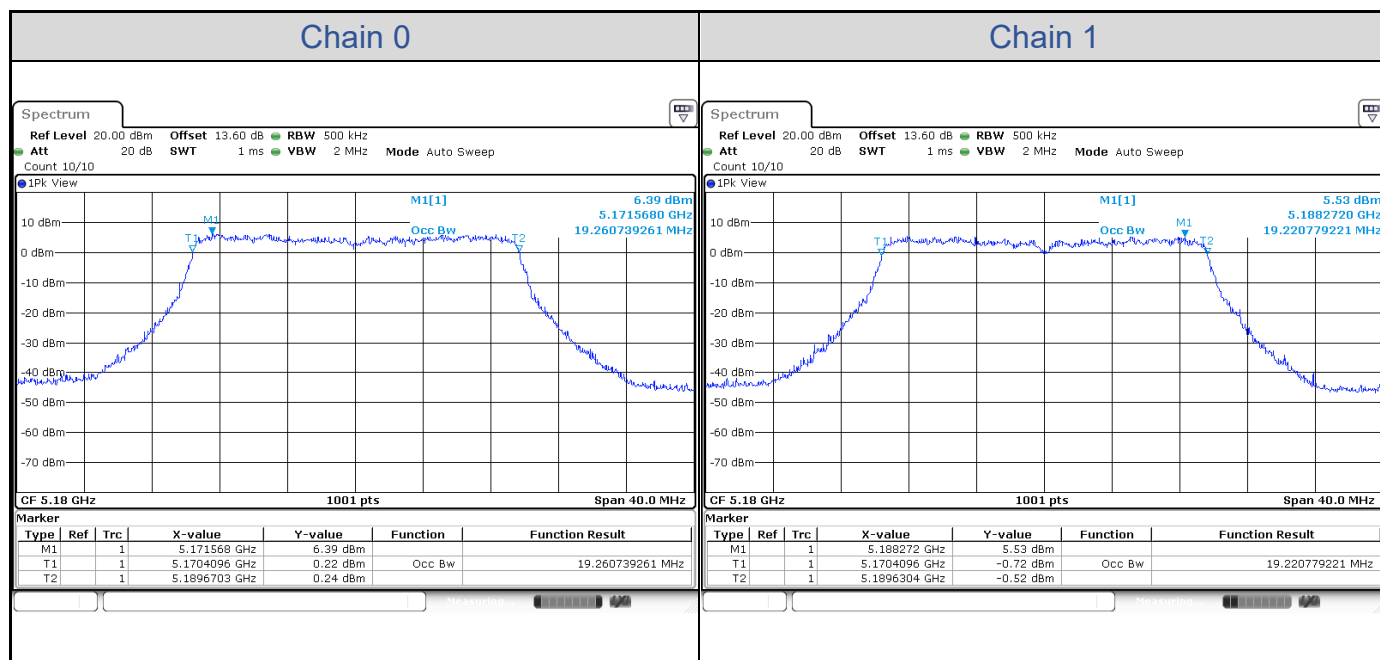
802.11a-Channel 100

802.11a-Channel 116


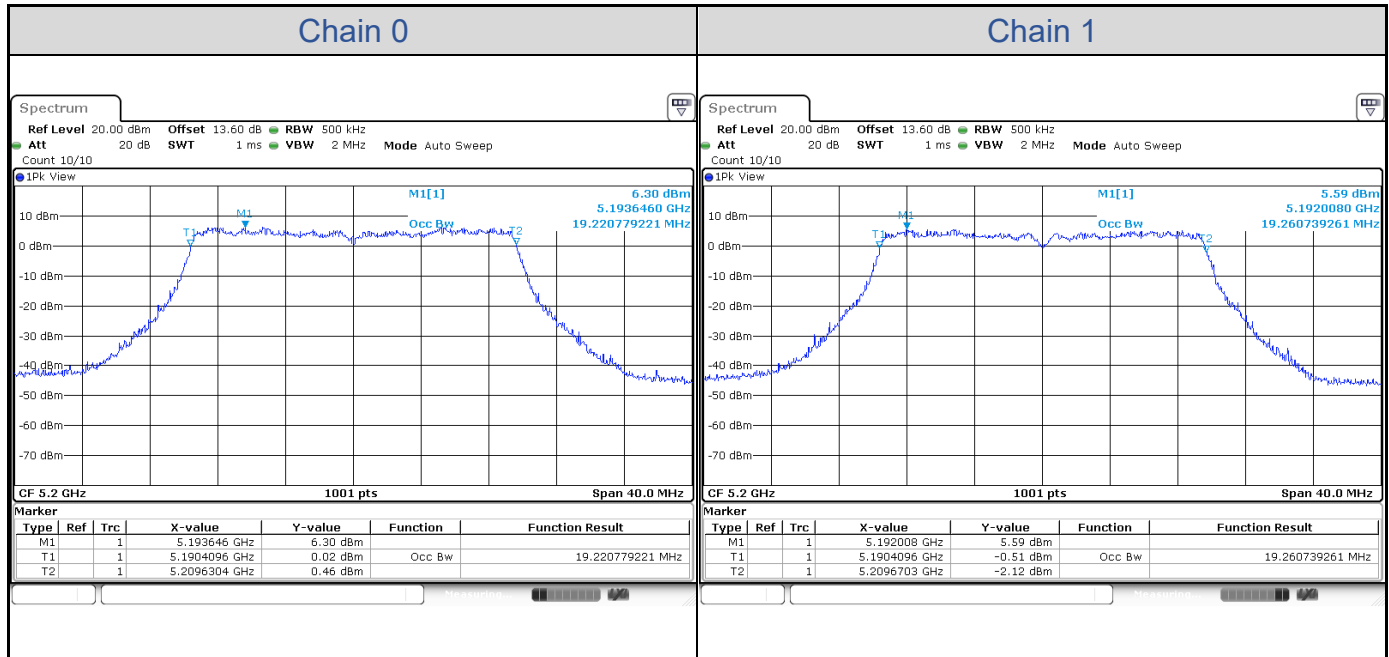
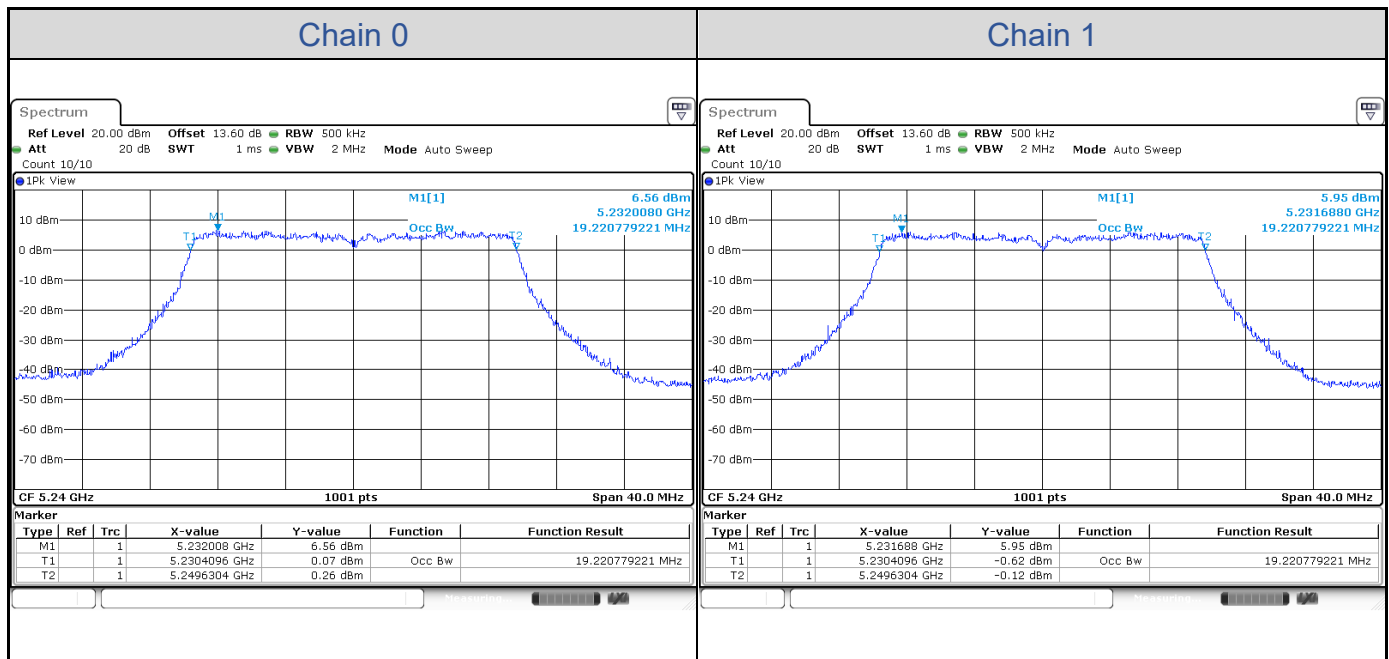
802.11a-Channel 140

802.11a-Channel 149


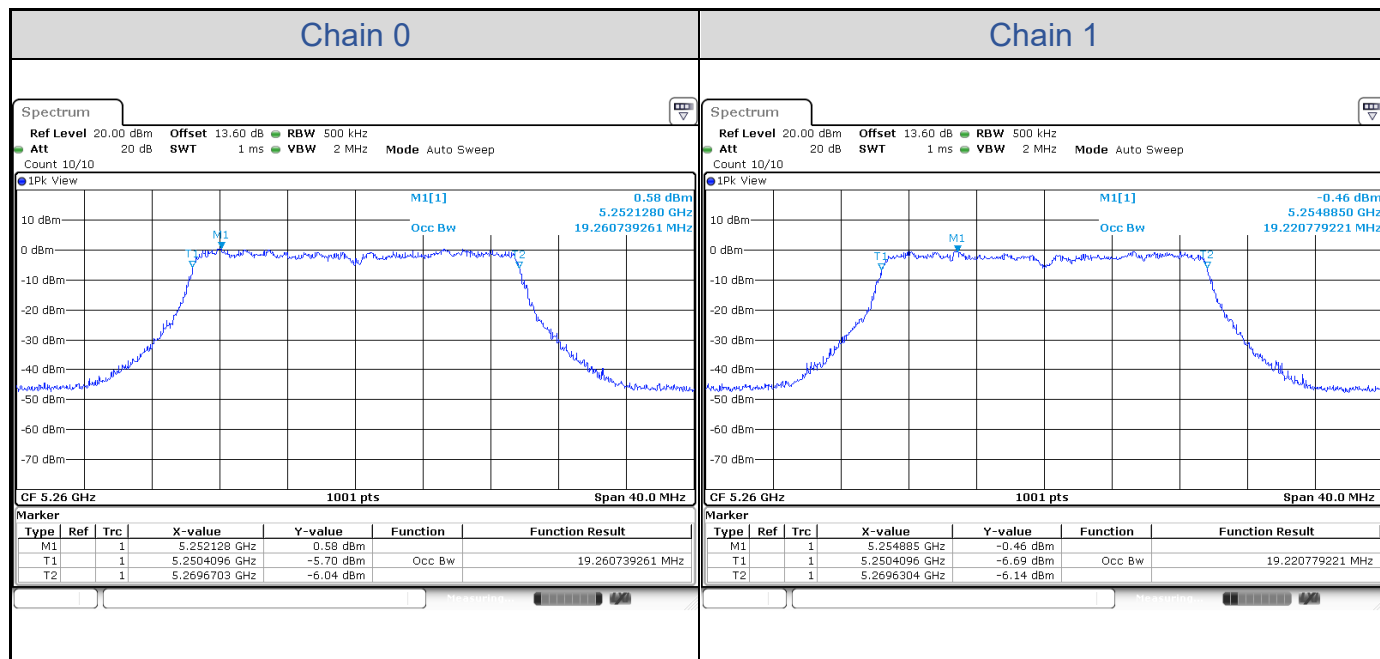
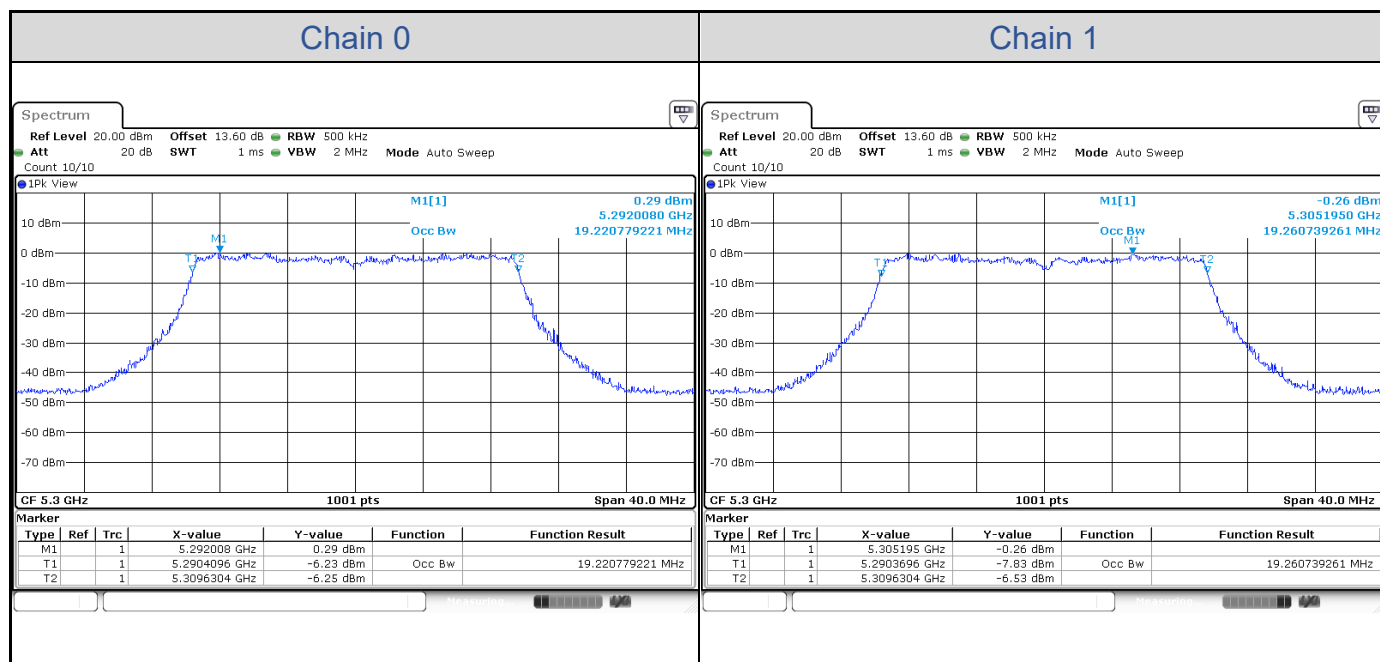
802.11a-Channel 157

802.11a-Channel 165


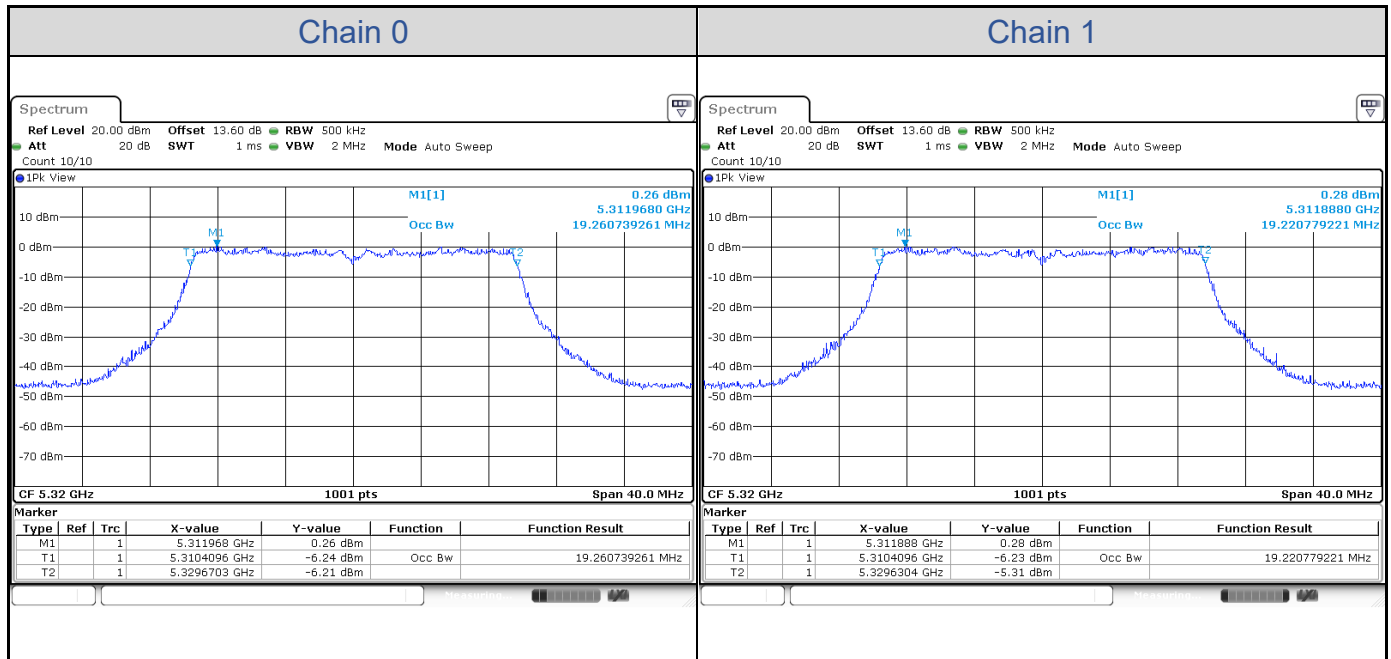
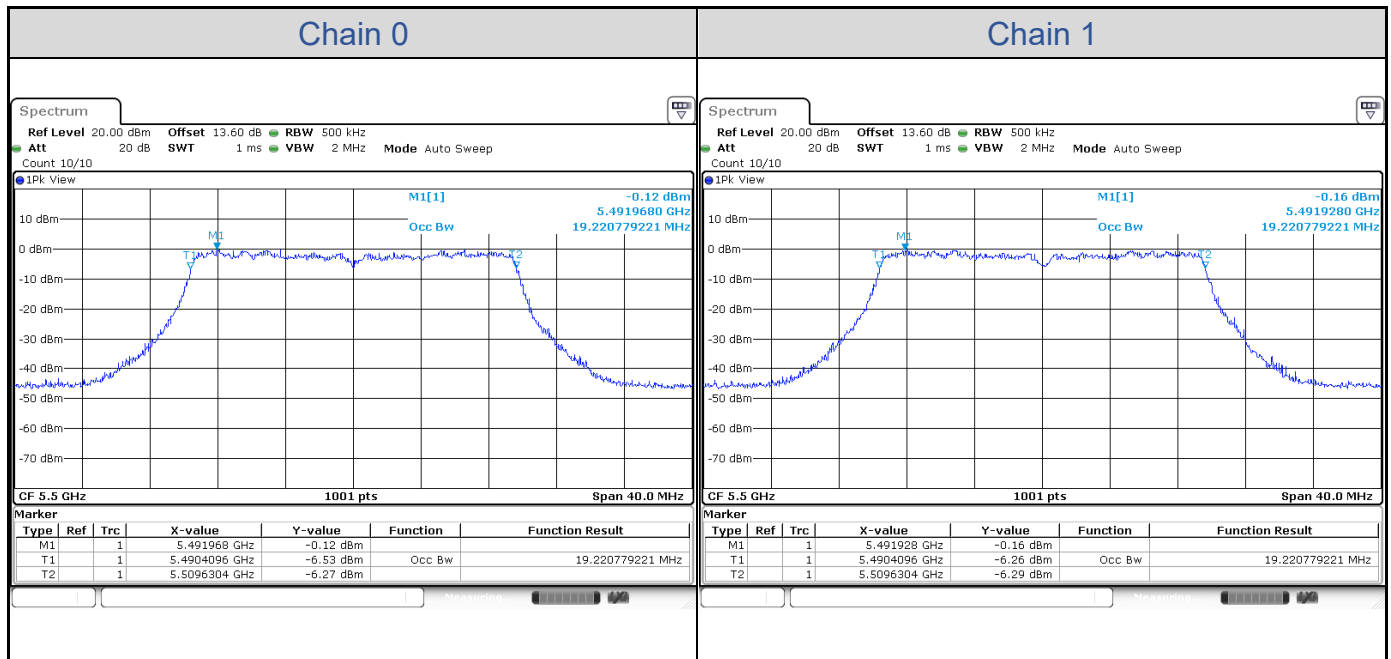
802.11ax HE20

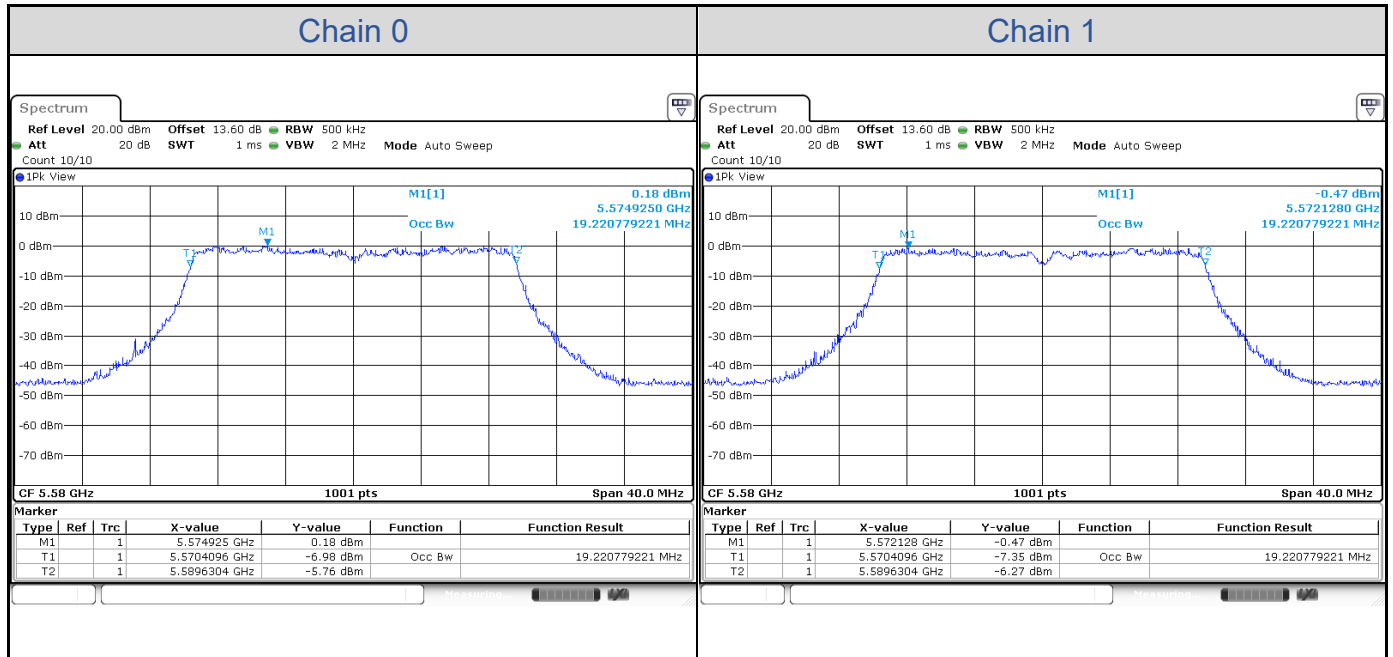
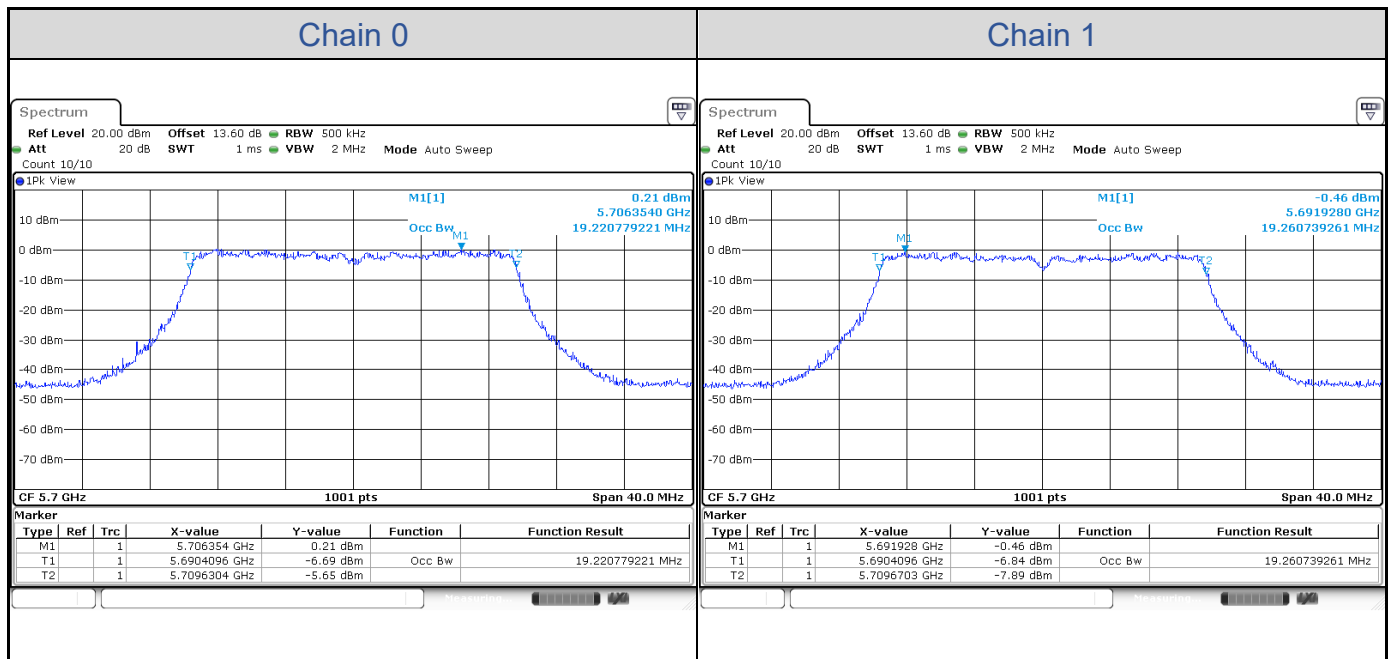
Band	Channel	Frequency (MHz)	99% Bandwidth (MHz)	
			Chain 0	Chain 1
U-NII-1	36	5180	19.26	19.22
	40	5200	19.22	19.26
	48	5240	19.22	19.22
U-NII-2A	52	5260	19.26	19.22
	60	5300	19.22	19.26
	64	5320	19.26	19.22
U-NII-2C	100	5500	19.22	19.22
	116	5580	19.22	19.22
	140	5700	19.22	19.26
U-NII-3	149	5745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

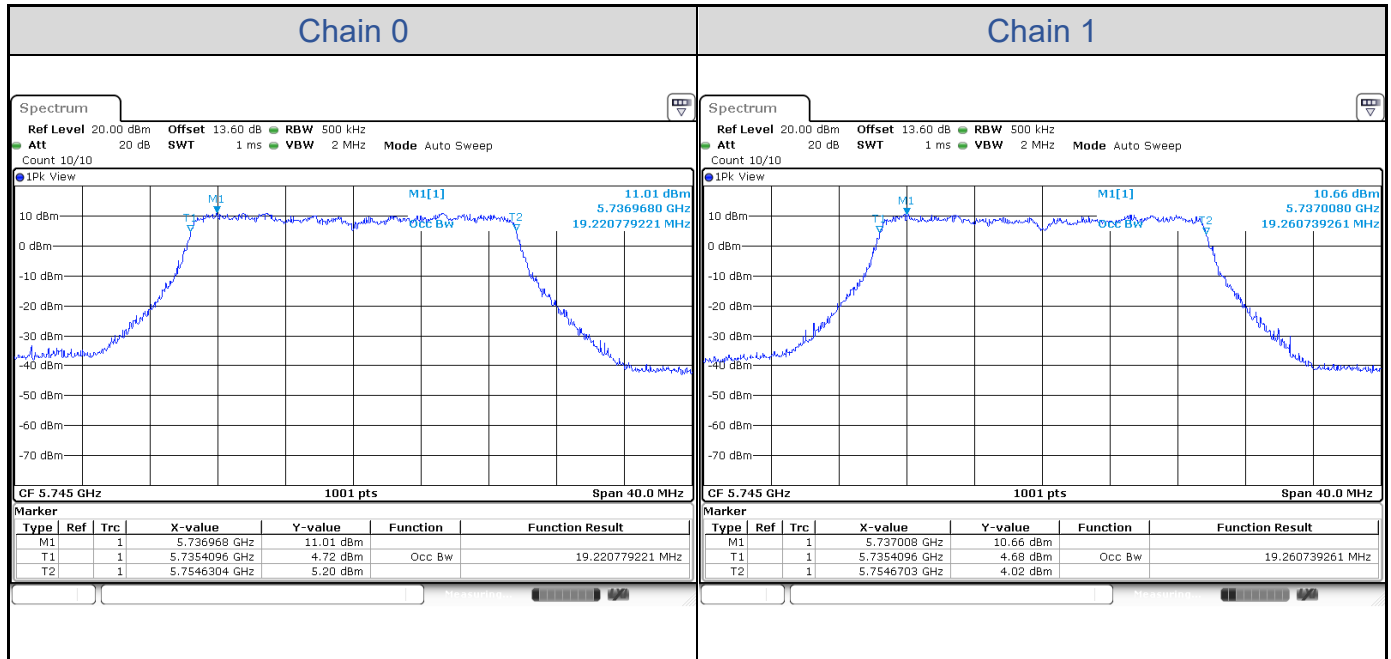
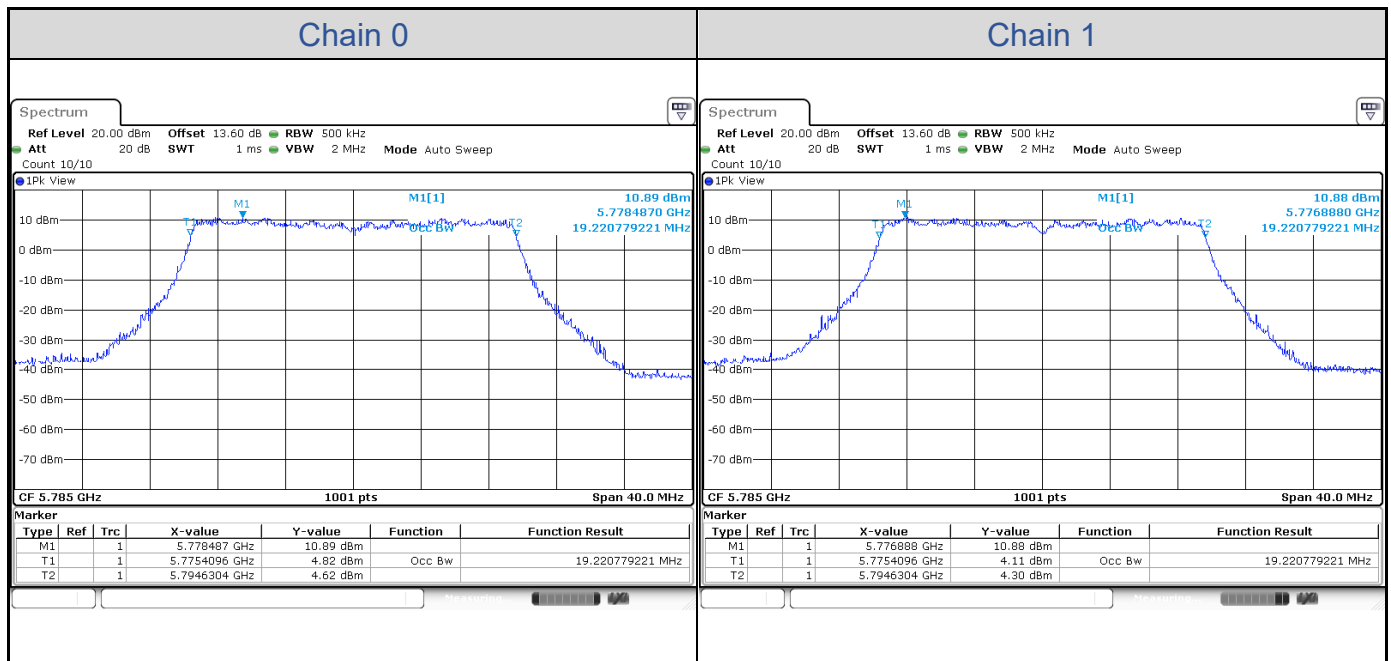
802.11ax HE20-Channel 36


802.11ax HE20-Channel 40

802.11ax HE20-Channel 48


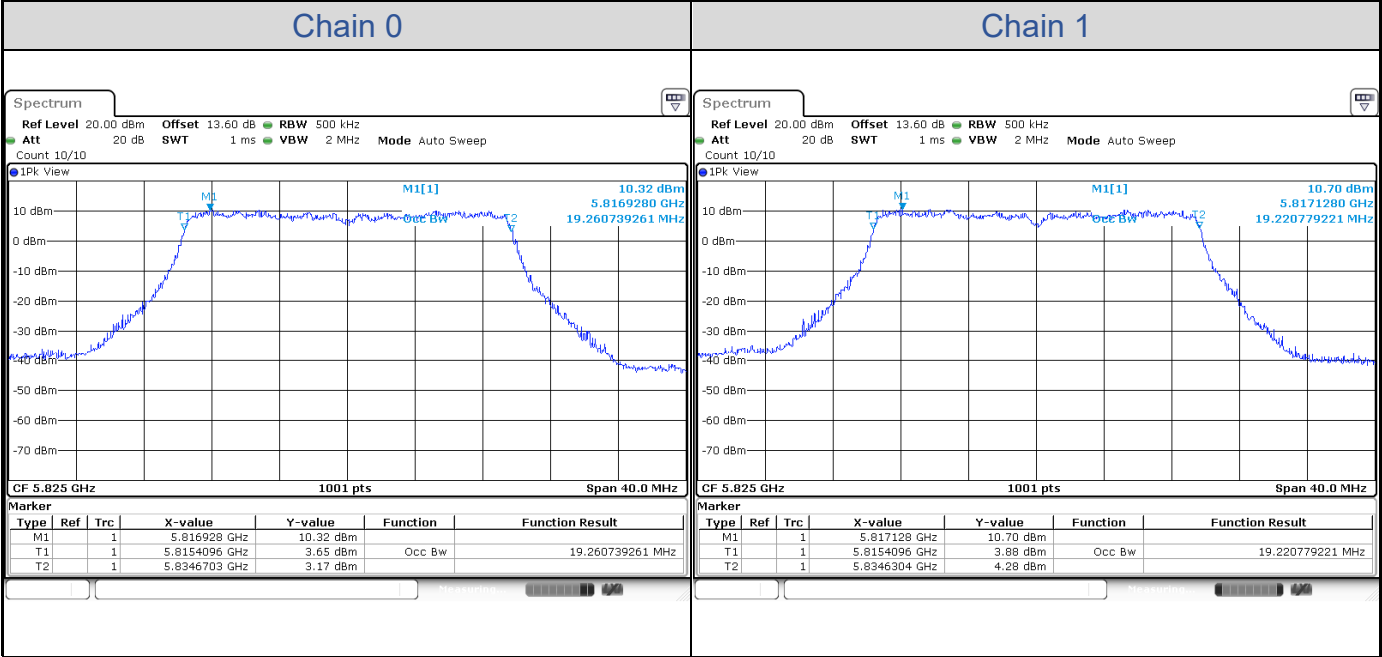
802.11ax HE20-Channel 52

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


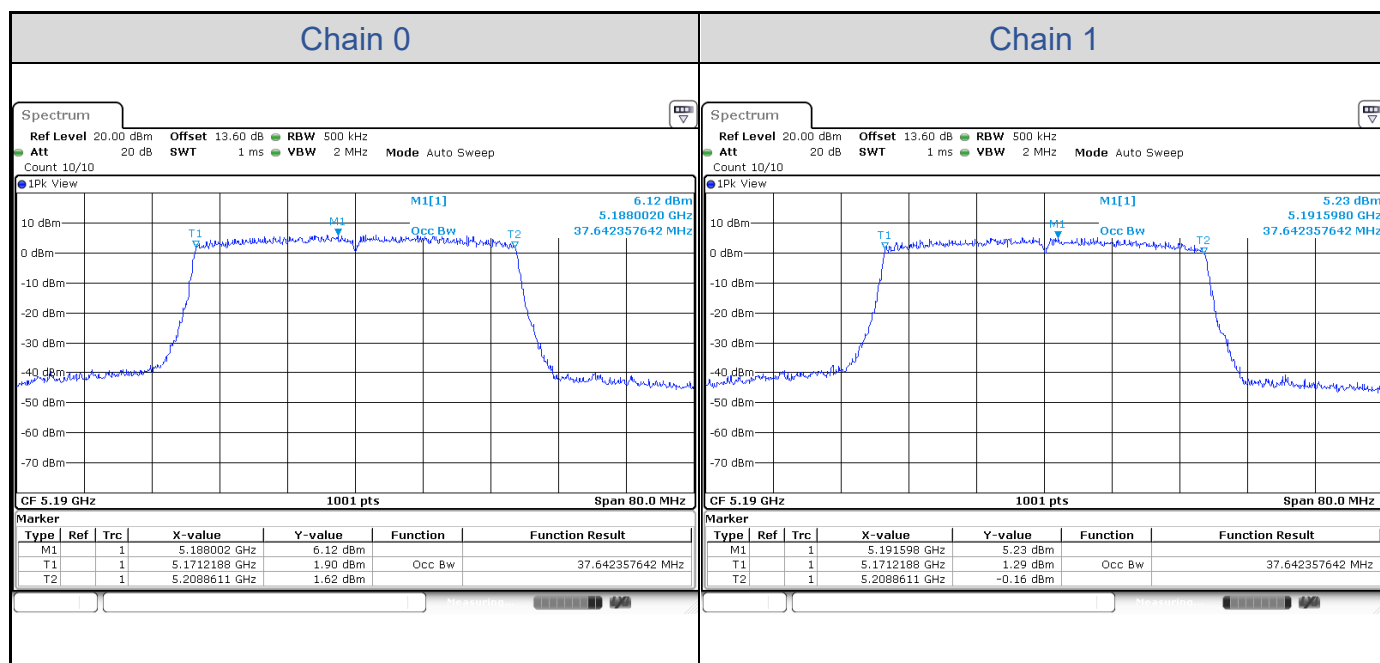
802.11ax HE20-Channel 149

802.11ax HE20-Channel 157


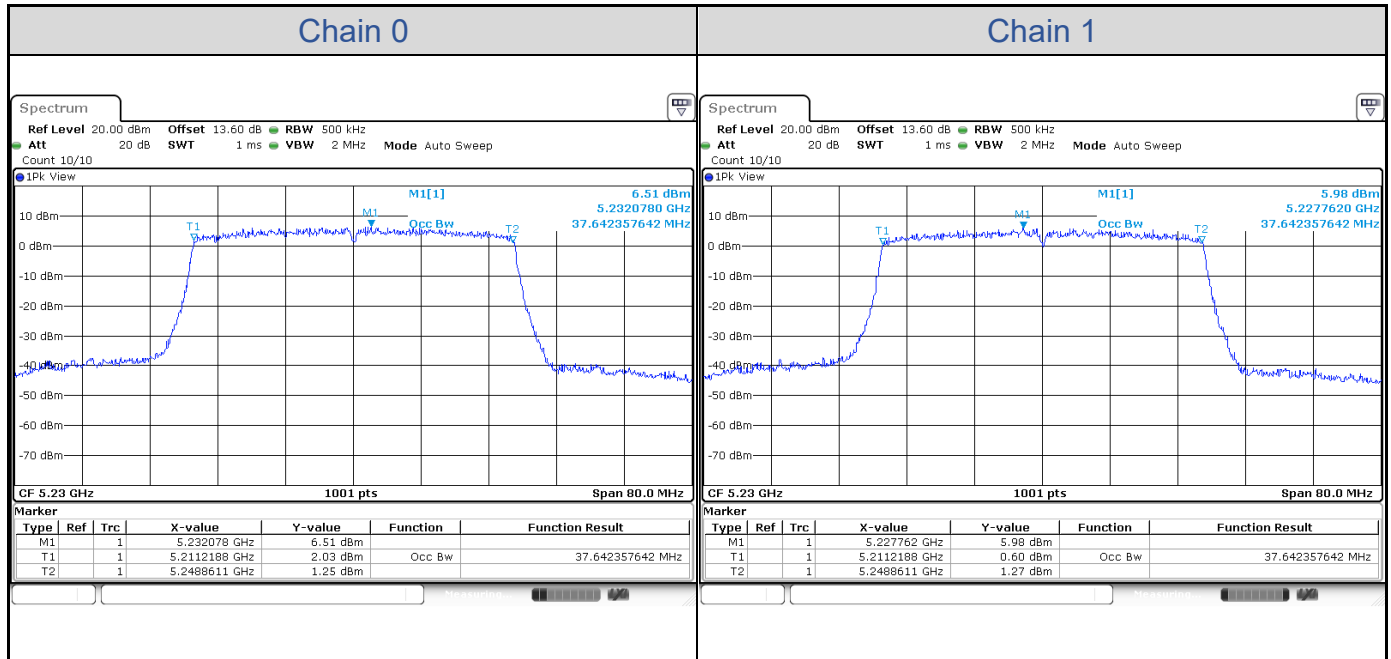
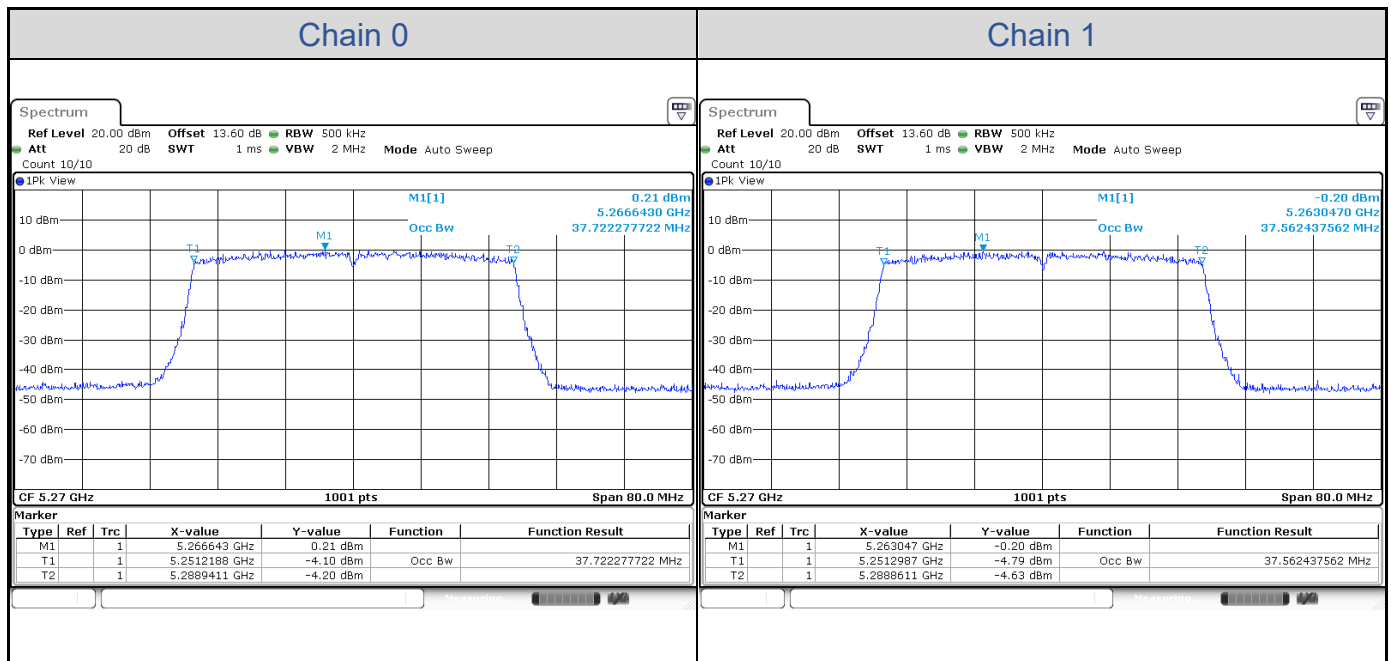
802.11ax HE20-Channel 165

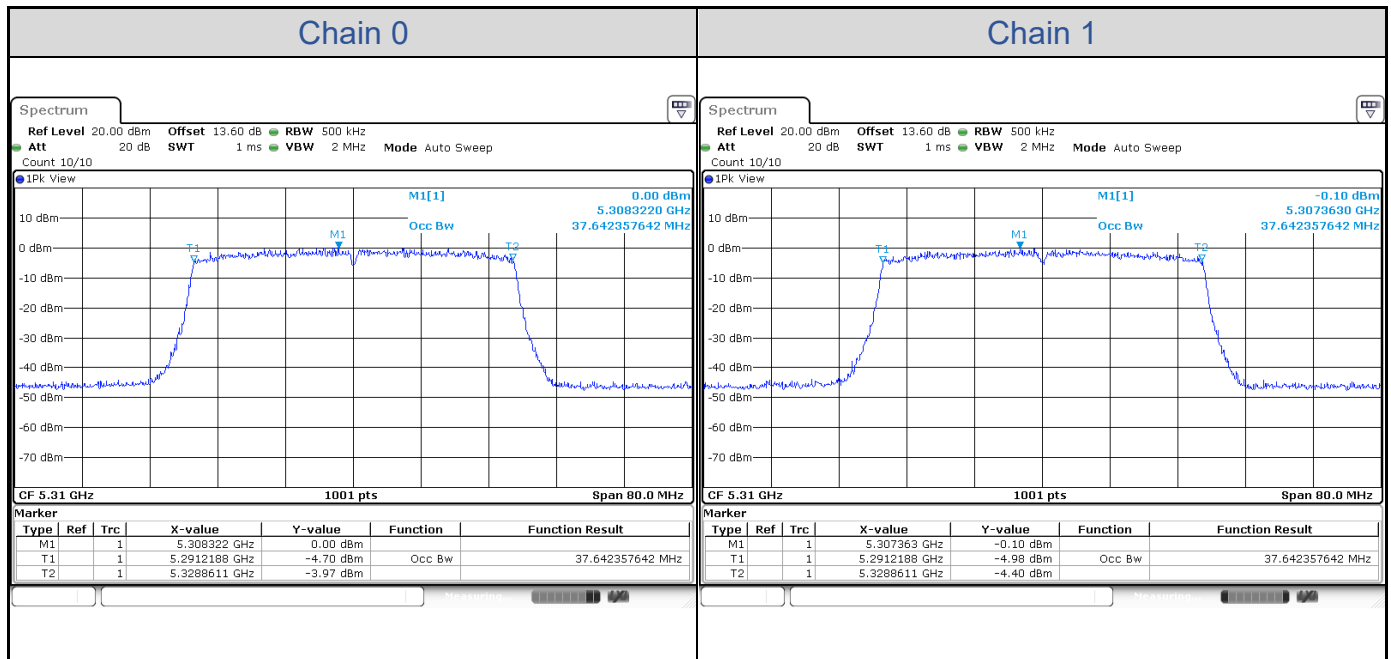
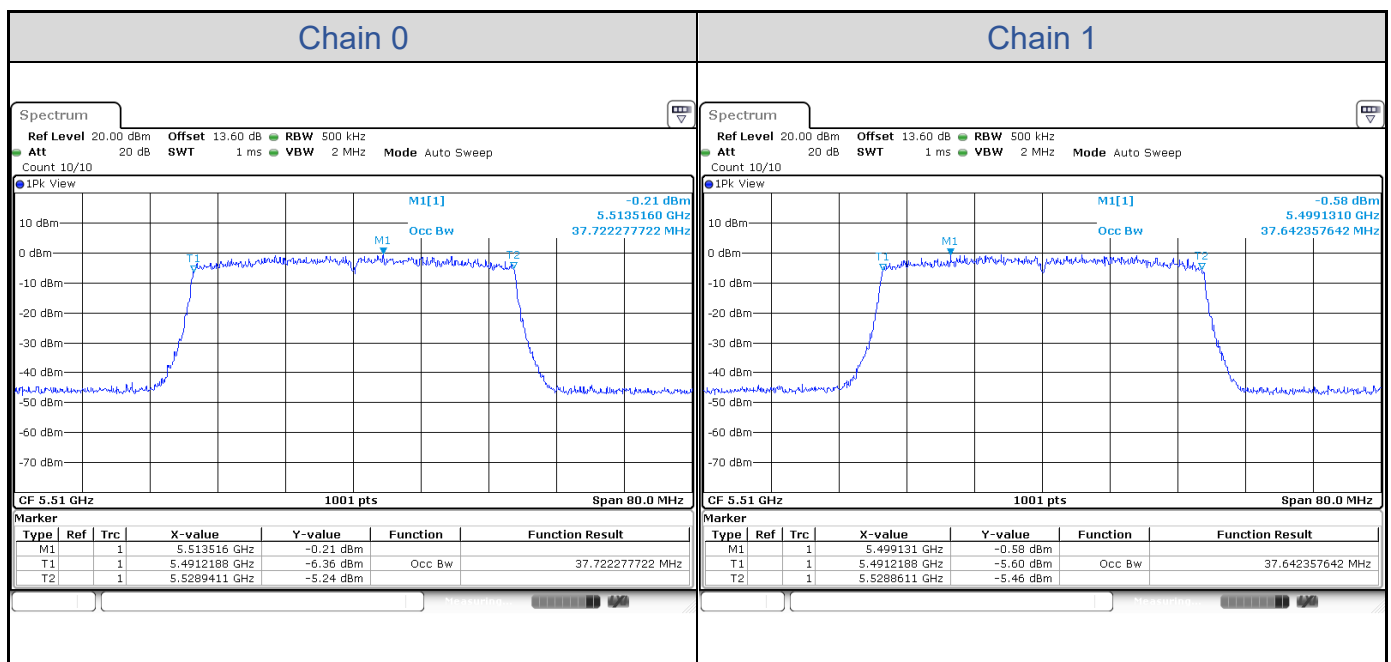


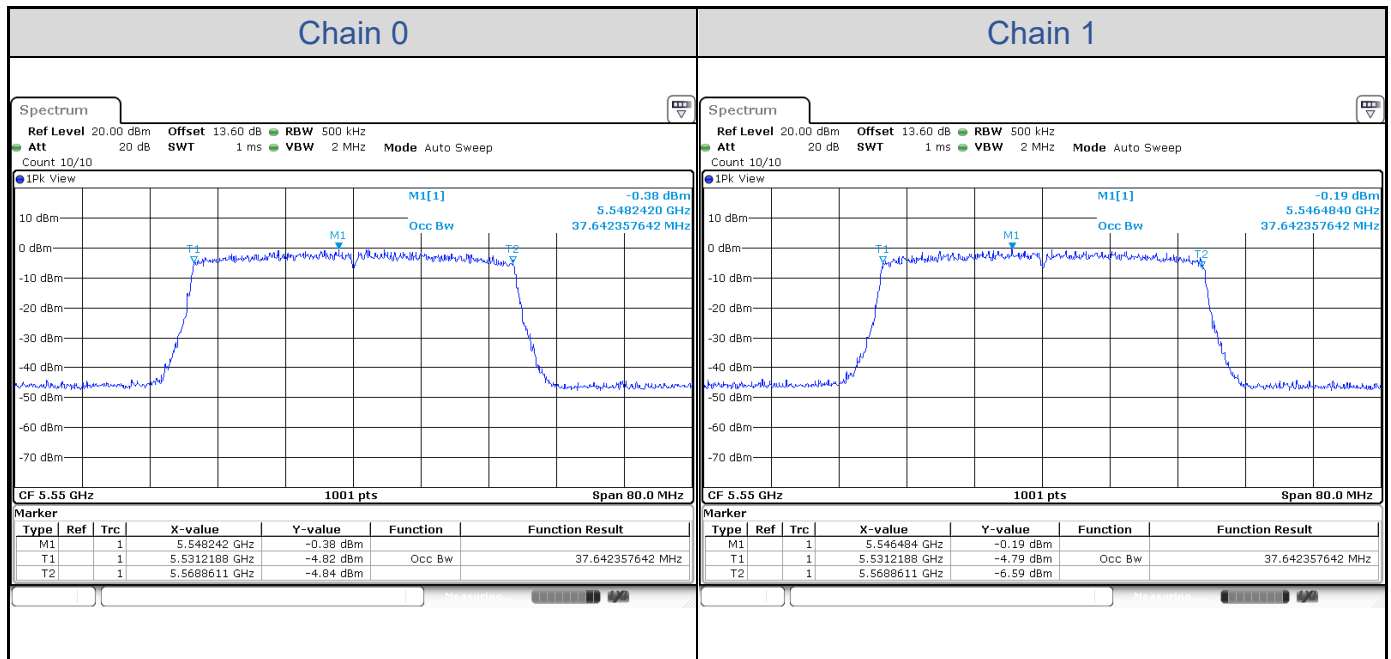
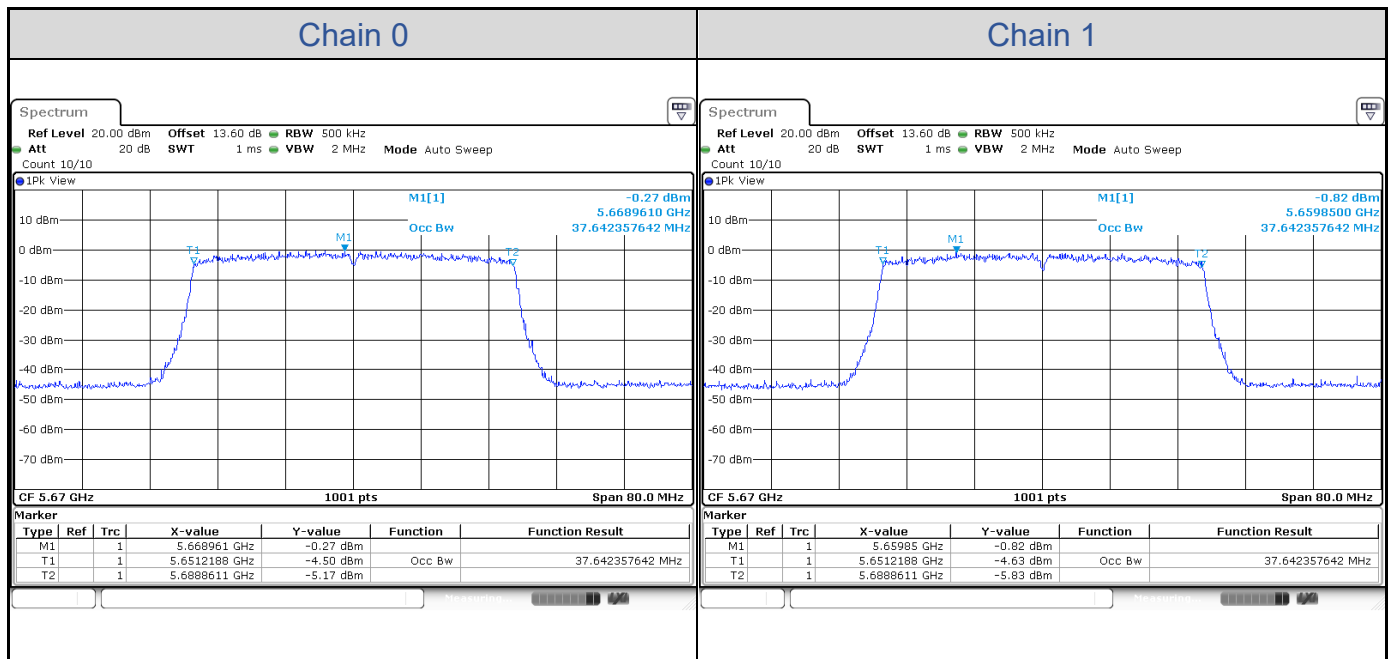
802.11ax HE40

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

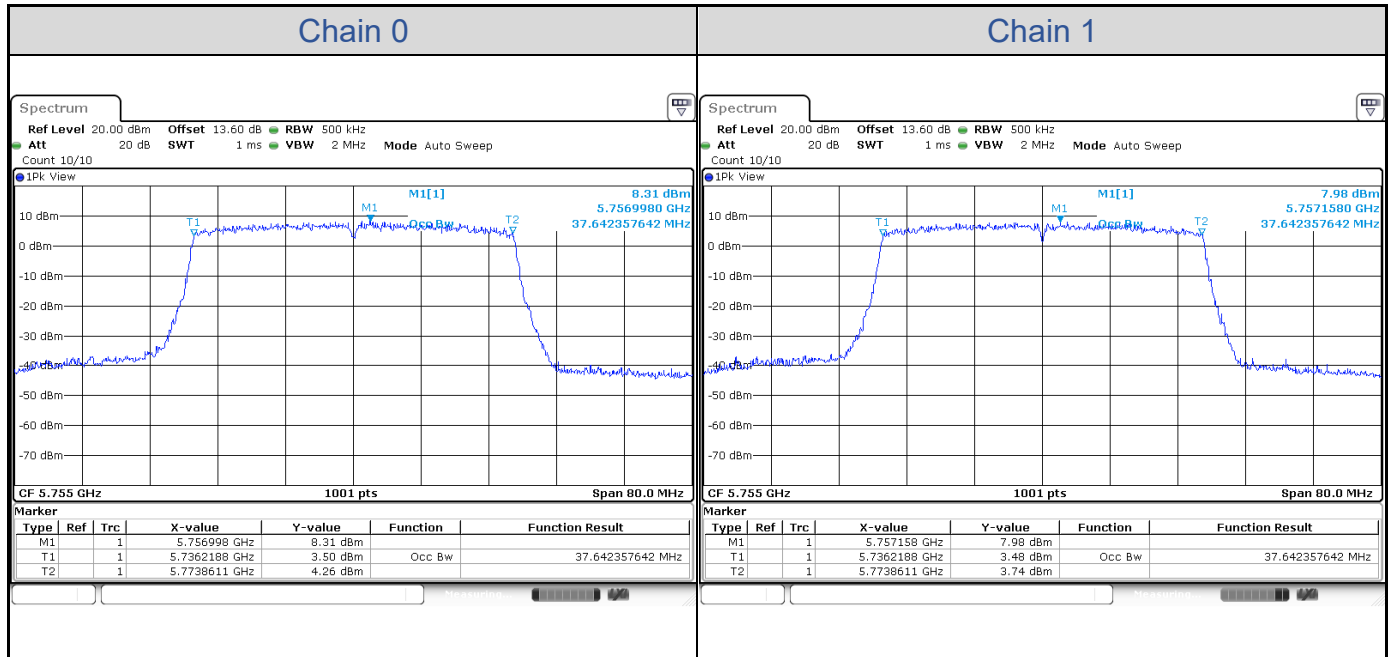
802.11ax HE40-Channel 38


802.11ax HE40-Channel 46

802.11ax HE40-Channel 54


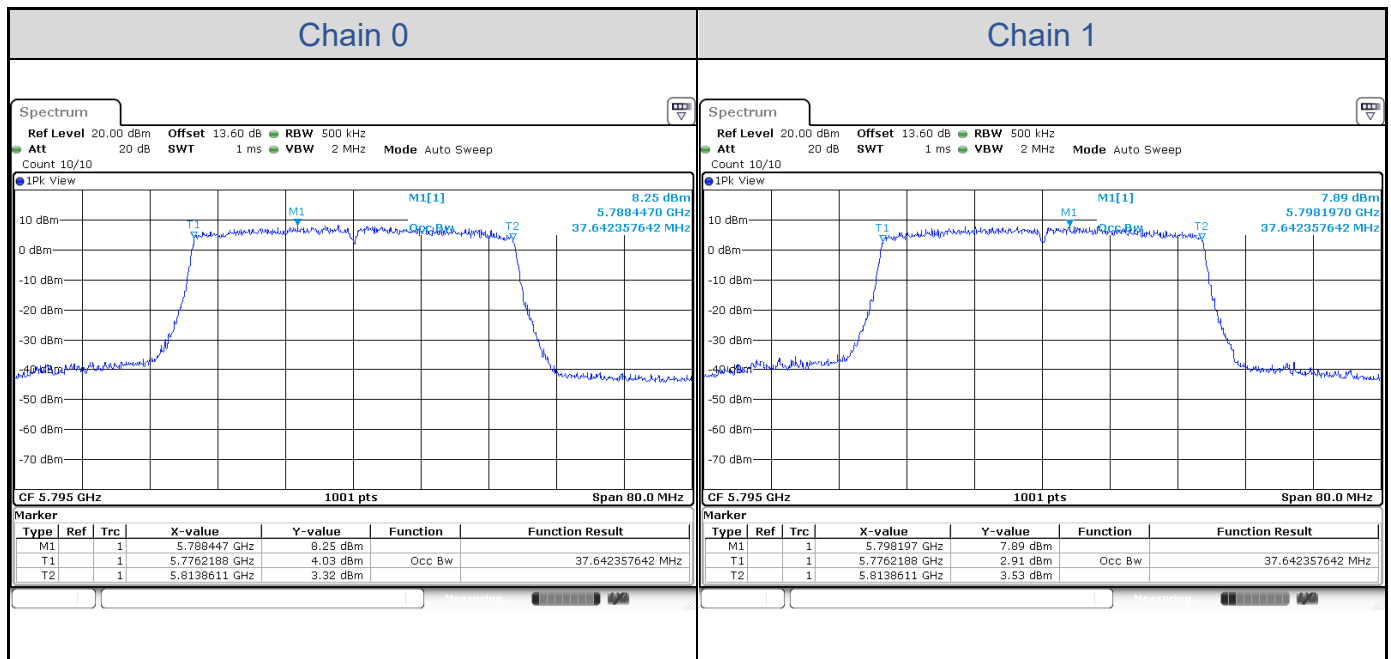
802.11ax HE40-Channel 62

802.11ax HE40-Channel 102


802.11ax HE40-Channel 110

802.11ax HE40-Channel 134


802.11ax HE40-Channel 151

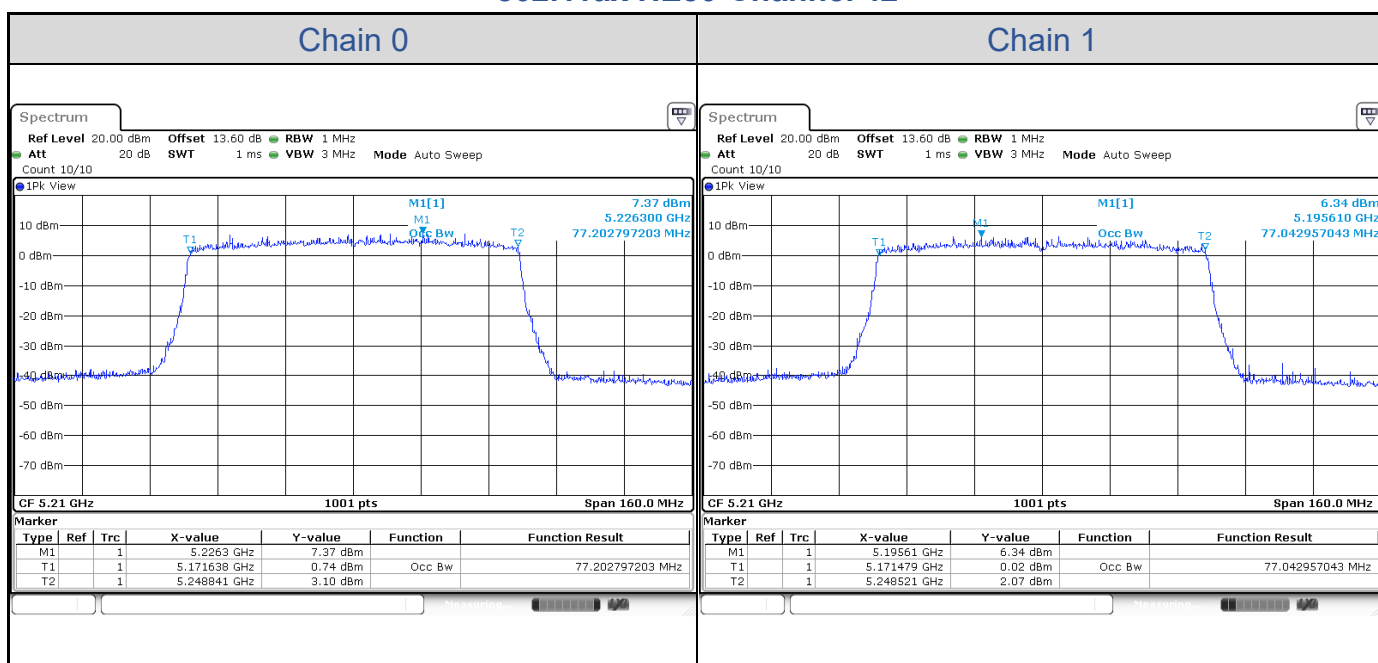


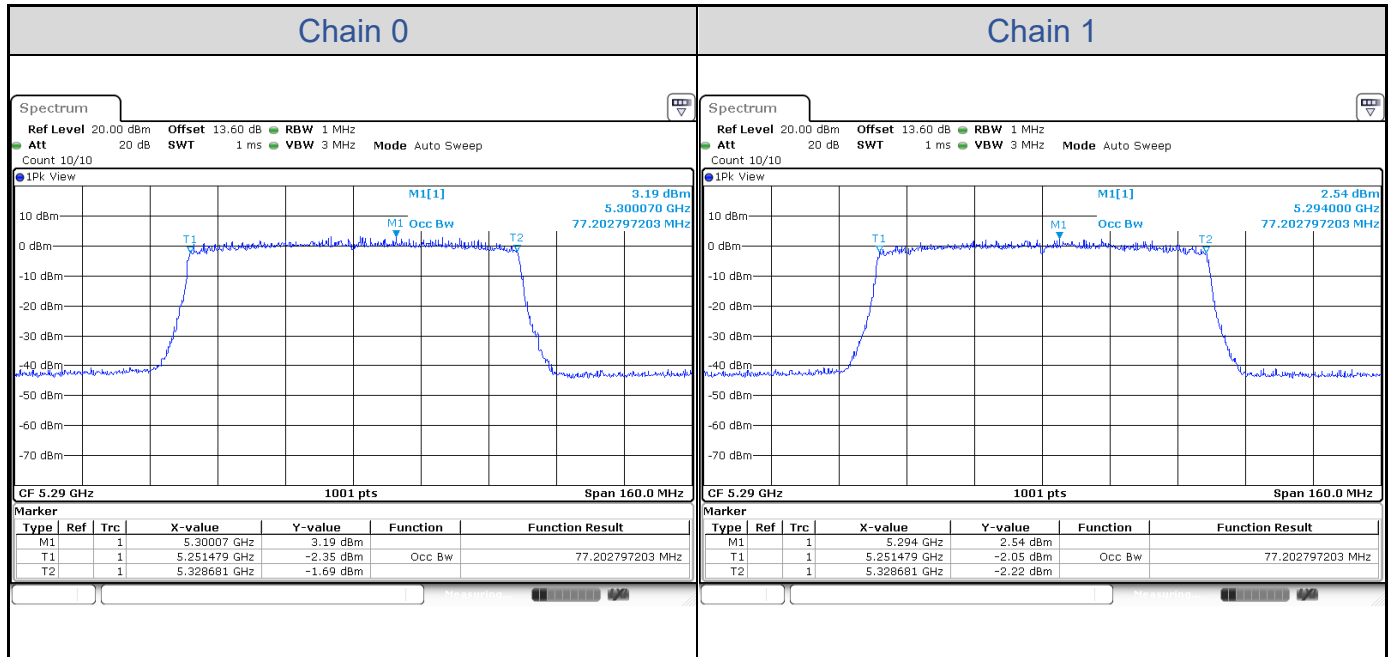
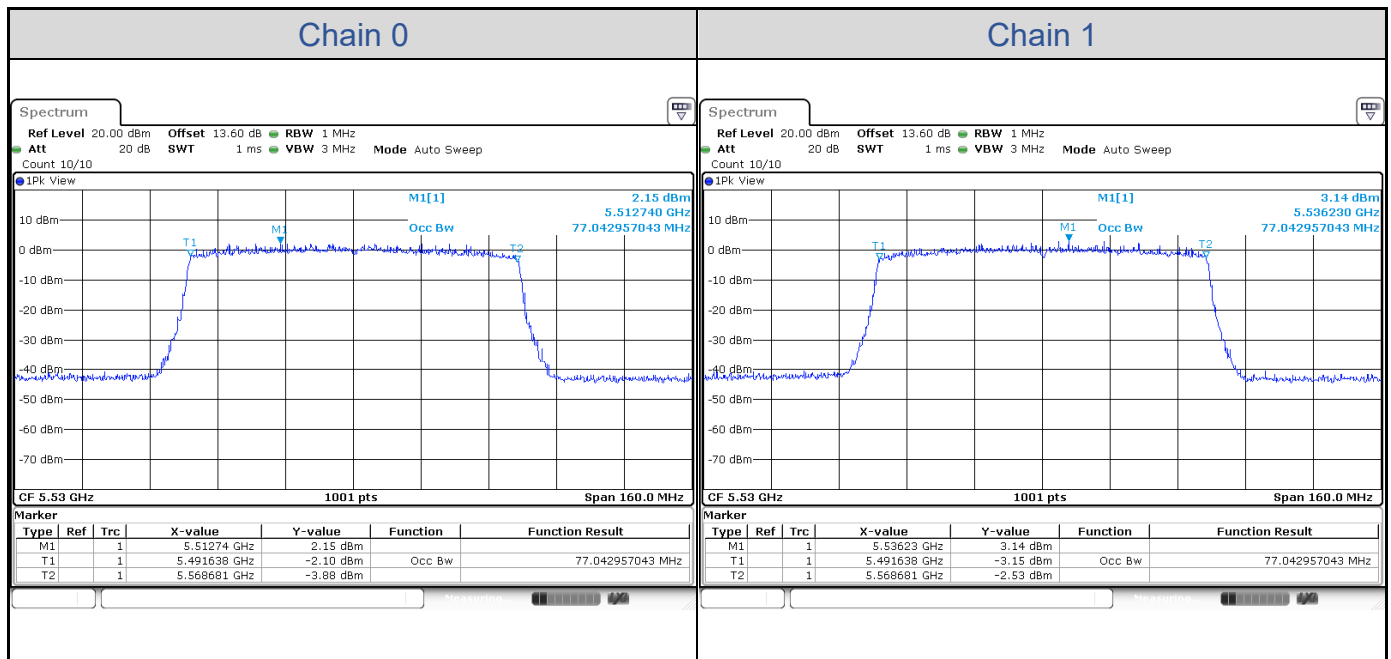
802.11ax HE40-Channel 159

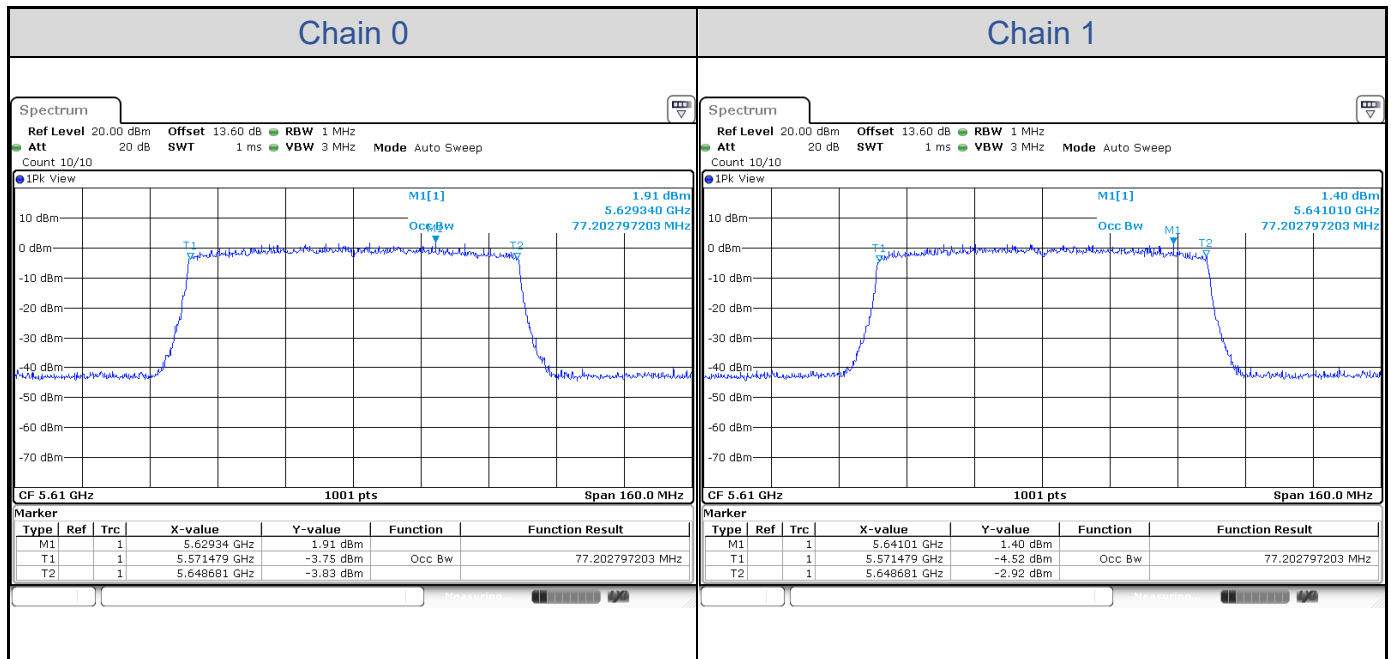


802.11ax HE80

Band	Channel	Frequency (MHz)	99% Bandwidth (MHz)	
			Chain 0	Chain 1
U-NII-1	42	5210	77.20	77.04
U-NII-2A	58	5290	77.20	77.20
U-NII-2C	106	5530	77.04	77.04
	122	5610	77.20	77.20
U-NII-3	155	5775	77.20	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
