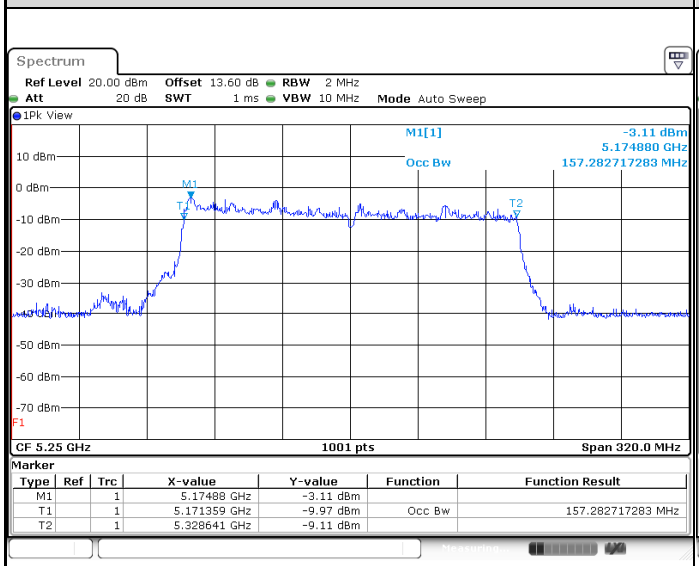
802.11ax HE160

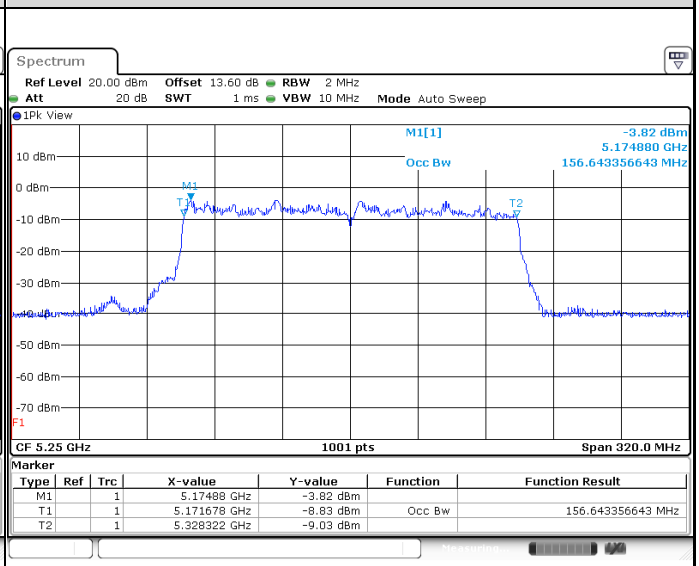
Band	Channel	Frequency (MHz)	99% Bandwidth (MHz)	
			Chain 0	Chain 1
U-NII-1	50	5250	78.64	78.32
U-NII-2A	50	5250	78.64	78.32
U-NII-2C	114	5570	157.28	156.96

802.11ax HE160-Channel 50

Chain 0

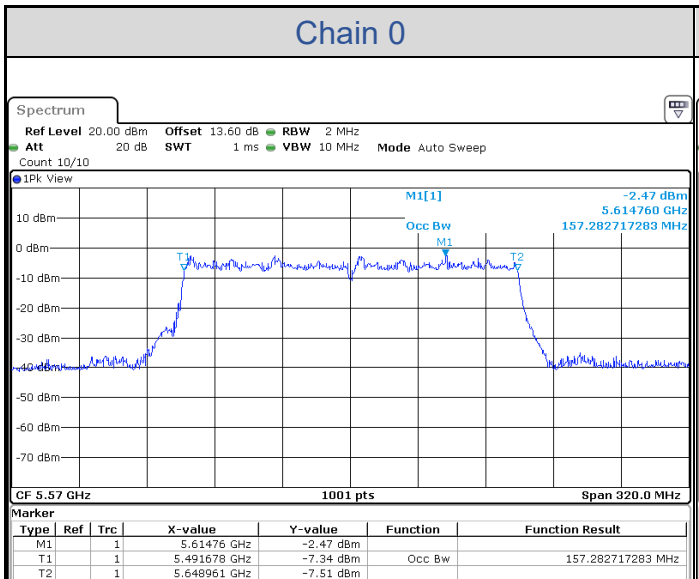


Chain 1

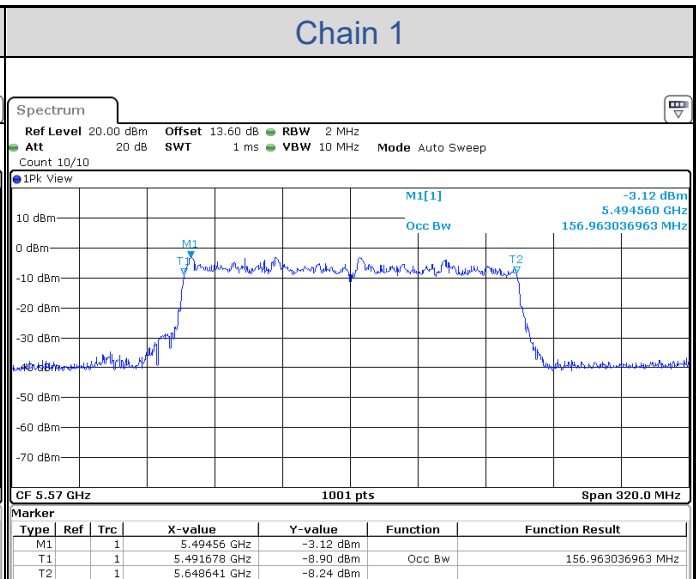


802.11ax HE160-Channel 114

Chain 0



Chain 1

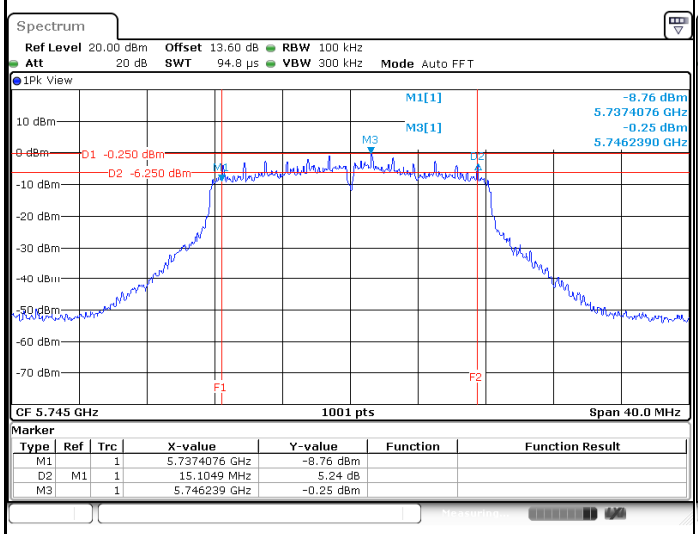
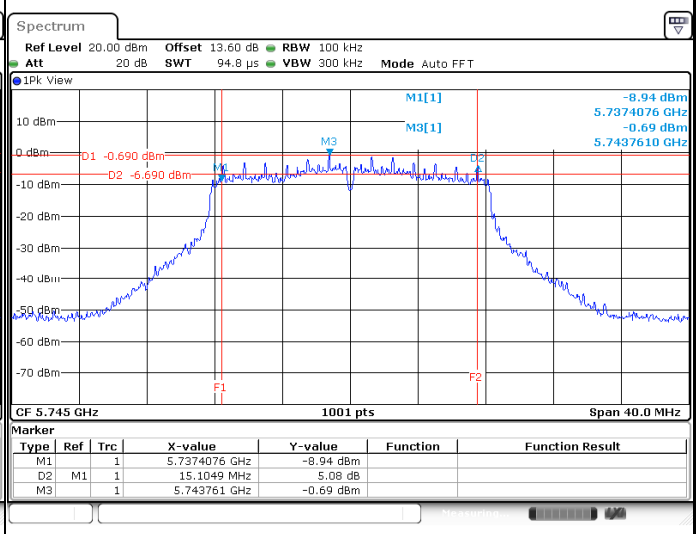


Test Result of 6 dB Bandwidth

802.11a

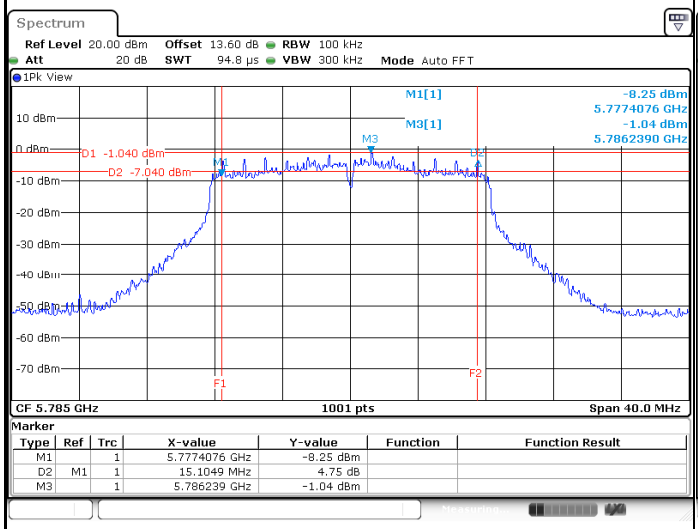
Band	Channel	Frequency (MHz)	6 dB Bandwidth (MHz)		Limit (MHz)	Result
			Chain 0	Chain 1		
U-NII-3	149	5745	15.10	15.10	> 0.5	Pass
	157	5785	15.10	15.10	> 0.5	Pass
	165	5825	15.10	15.10	> 0.5	Pass

802.11a-Channel 149

Chain 0	Chain 1
	

802.11a-Channel 157

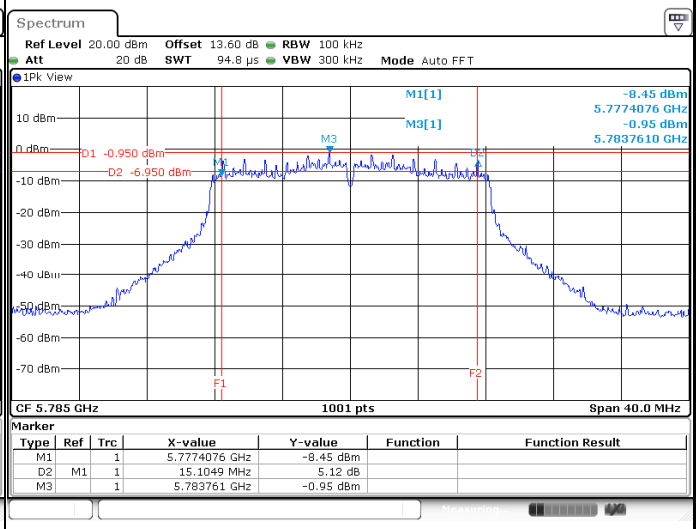
Chain 0



Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	5.7774076 GHz	-8.25 dBm		
D2	M1	1	15.1049 MHz	4.75 dB		
M3		1	5.786239 GHz	-1.04 dBm		

Chain 1

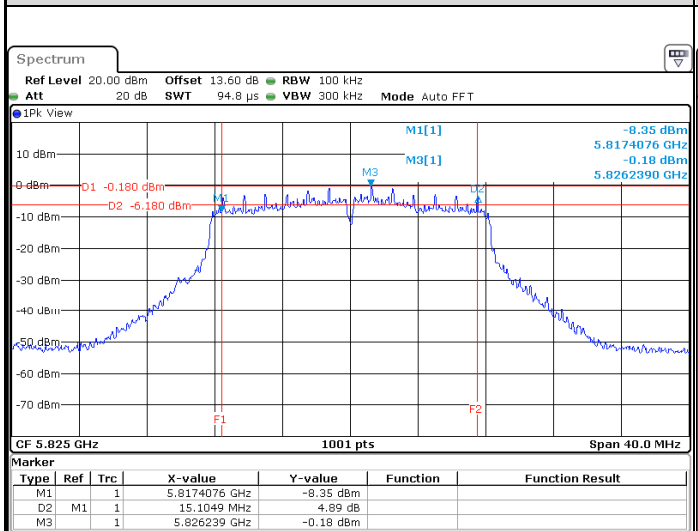


Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	5.7774076 GHz	-8.45 dBm		
D2	M1	1	15.1049 MHz	5.12 dB		
M3		1	5.783761 GHz	-0.95 dBm		

802.11a-Channel 165

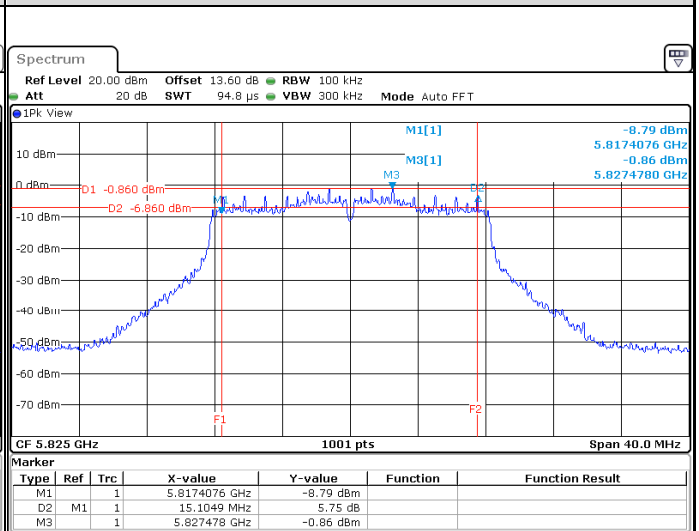
Chain 0



Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	5.8174076 GHz	-8.35 dBm		
D2	M1	1	15.1049 MHz	4.89 dB		
M3		1	5.826239 GHz	-0.18 dBm		

Chain 1



Marker

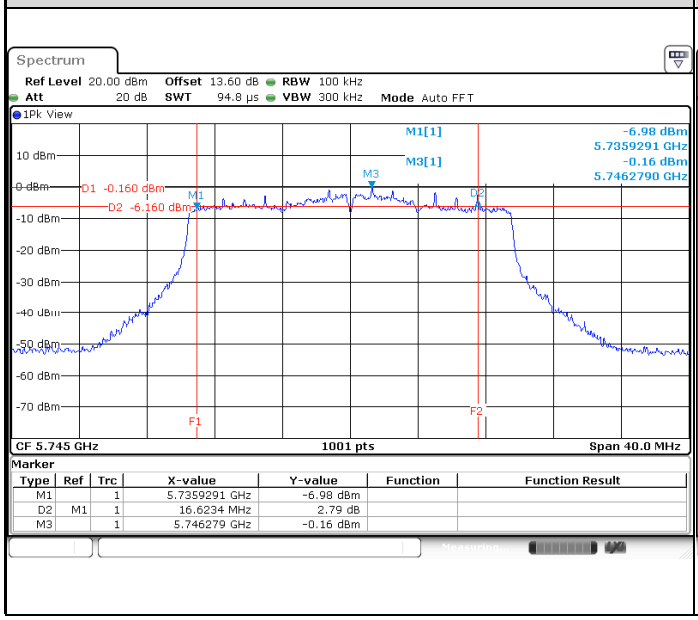
Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	5.8174076 GHz	-8.79 dBm		
D2	M1	1	15.1049 MHz	5.75 dB		
M3		1	5.827478 GHz	-0.86 dBm		

802.11ax HE20

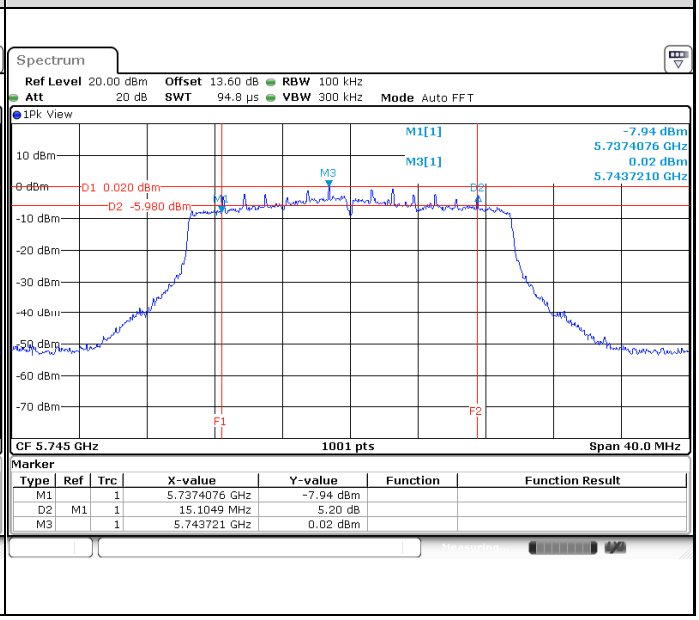
Band	Channel	Frequency (MHz)	6 dB Bandwidth (MHz)		Limit (MHz)	Result
			Chain 0	Chain 1		
U-NII-3	149	5745	16.62	15.10	> 0.5	Pass
	157	5785	18.50	15.90	> 0.5	Pass
	165	5825	18.58	17.86	> 0.5	Pass

802.11ax HE20-Channel 149

Chain 0

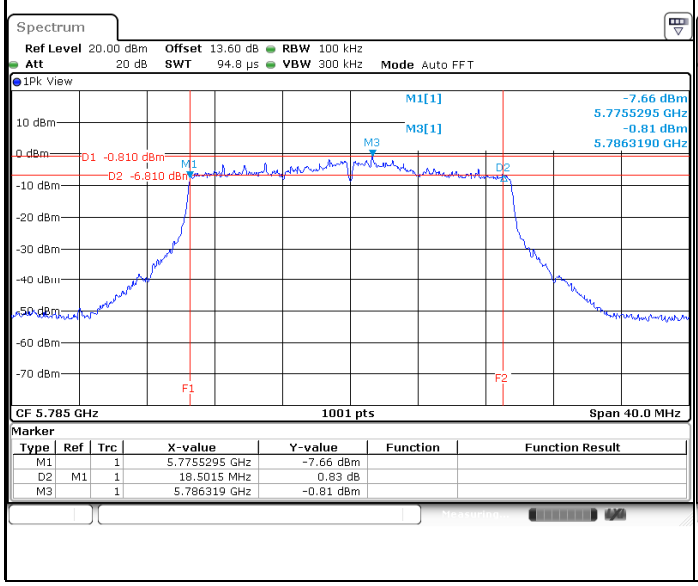


Chain 1

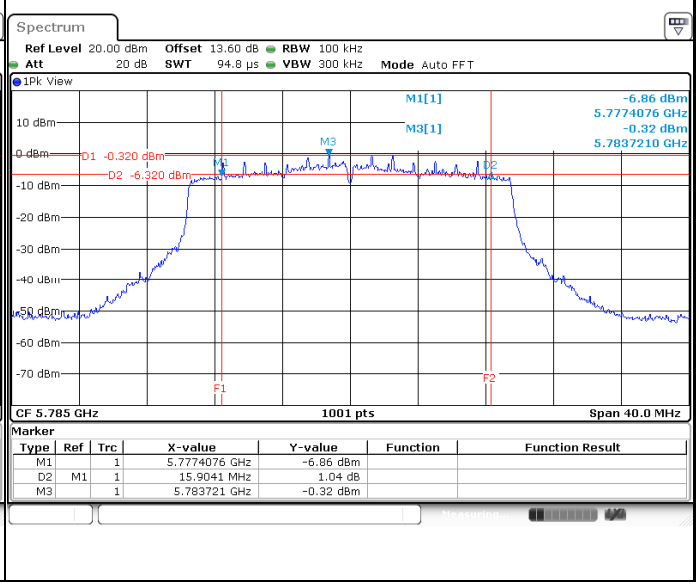


802.11ax HE20-Channel 157

Chain 0

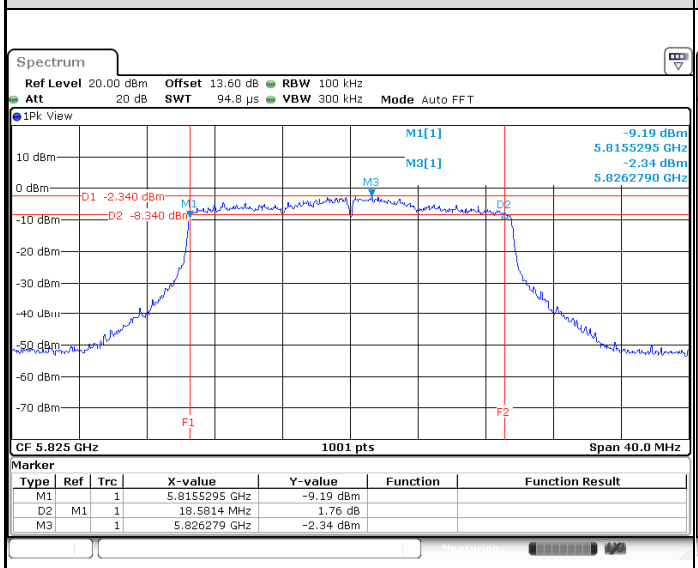


Chain 1



802.11ax HE20-Channel 165

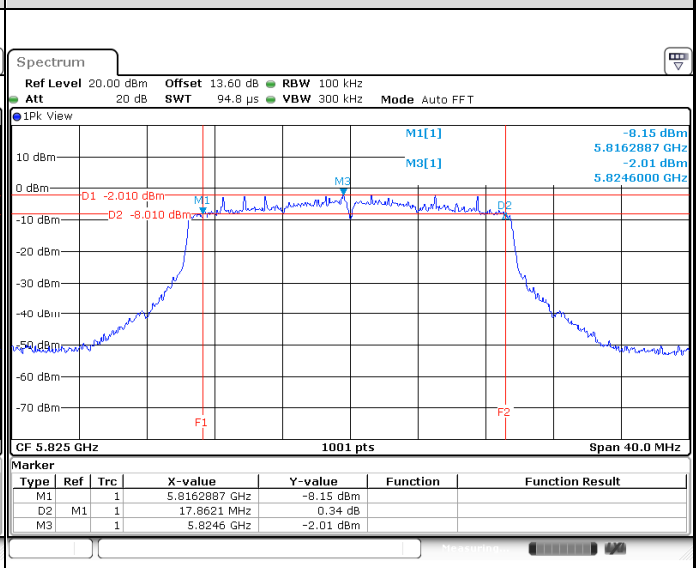
Chain 0



Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	5.8155295 GHz	-9.19 dBm		
D2	M1	1	18.5814 MHz	1.76 dB		
M3		1	5.826279 GHz	-2.34 dBm		

Chain 1



Marker

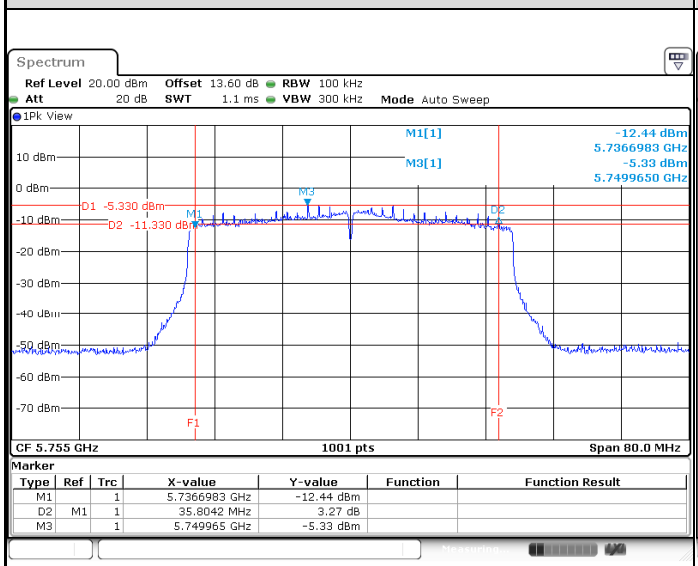
Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	5.8162887 GHz	-8.15 dBm		
D2	M1	1	17.8621 MHz	0.34 dB		
M3		1	5.8246 GHz	-2.01 dBm		

802.11ax HE40

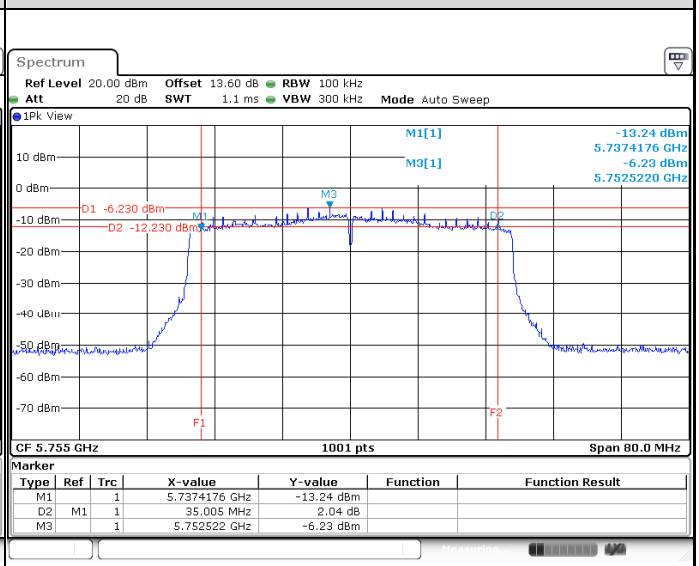
Band	Channel	Frequency (MHz)	6 dB Bandwidth (MHz)		Limit (MHz)	Result
			Chain 0	Chain 1		
U-NII-3	151	5755	35.80	35.01	> 0.5	Pass
	159	5795	35.56	35.08	> 0.5	Pass

802.11ax HE40-Channel 151

Chain 0

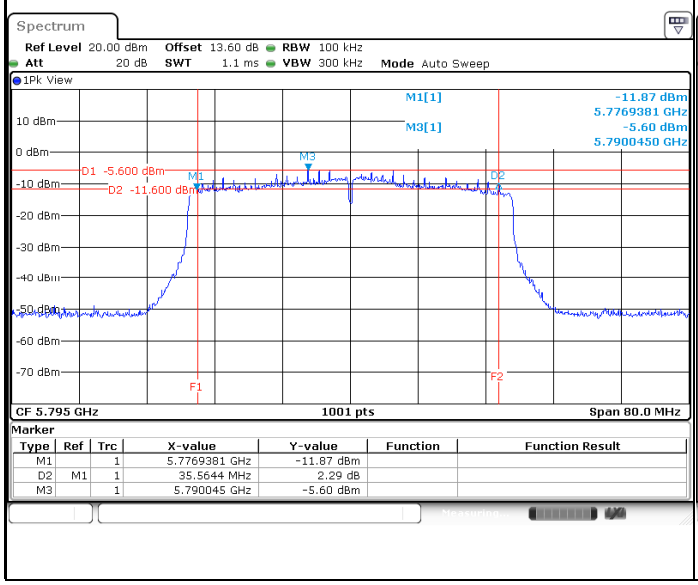


Chain 1

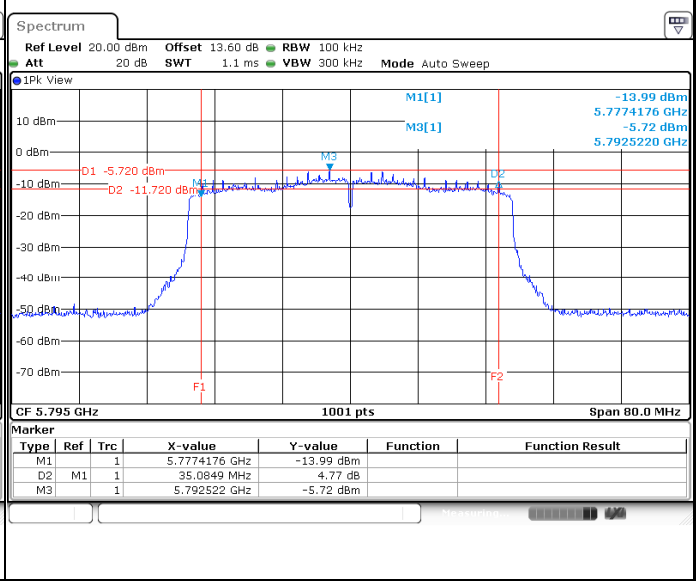


802.11ax HE40-Channel 159

Chain 0



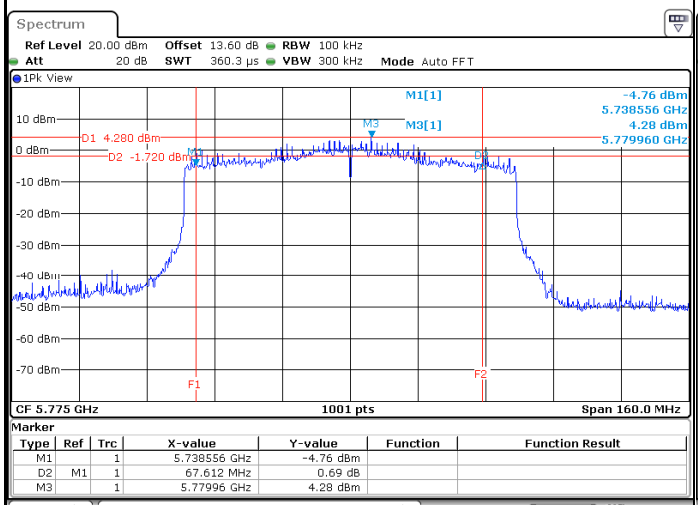
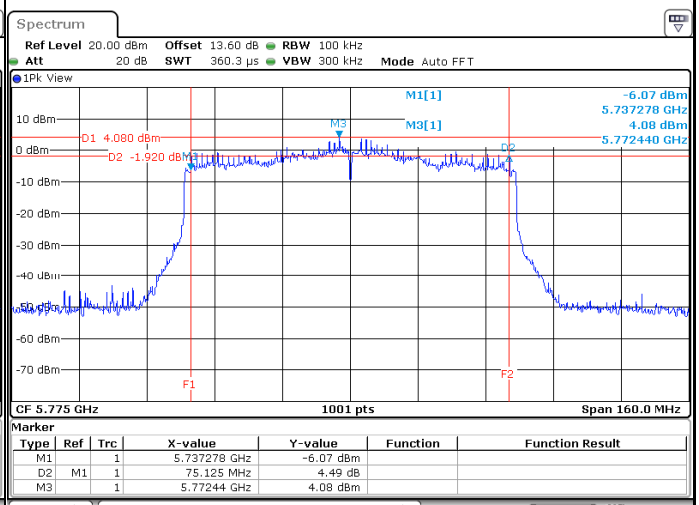
Chain 1



802.11ax HE80

Band	Channel	Frequency (MHz)	6 dB Bandwidth (MHz)		Limit (MHz)	Result
			Chain 0	Chain 1		
U-NII-3	155	5775	67.61	75.13	> 0.5	Pass

802.11ax HE80-Channel 155

Chain 0	Chain 1
	

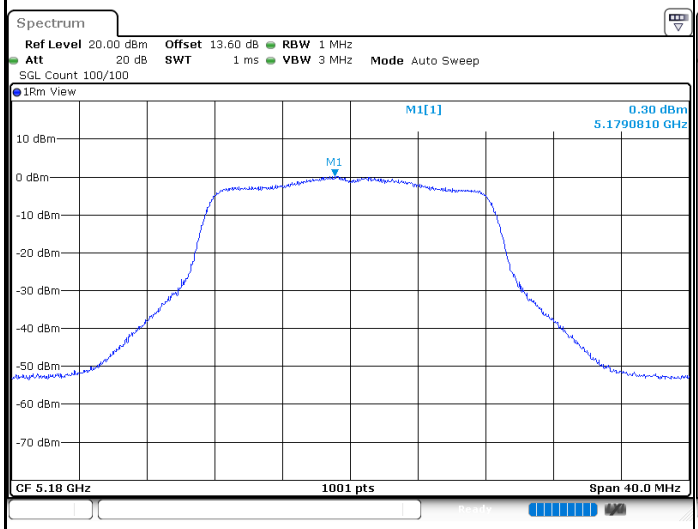
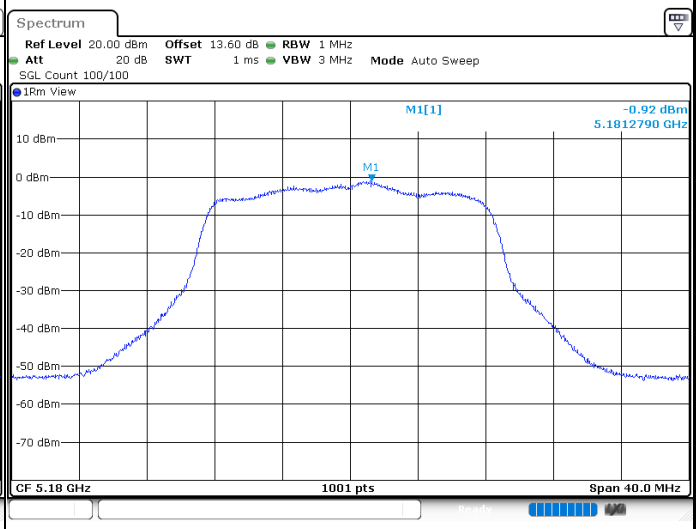
Test Result of Power Spectral Density

802.11a

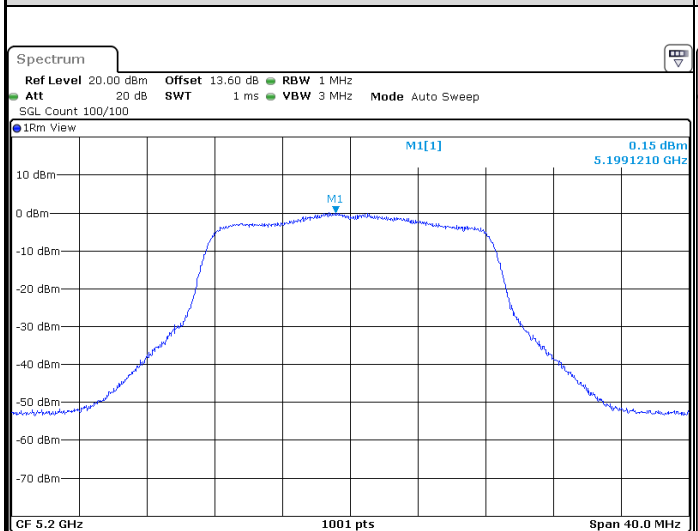
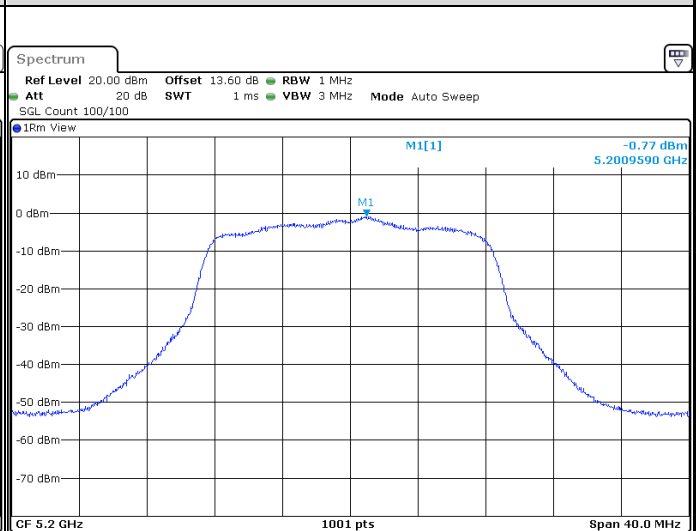
Band	Channel	Frequency (MHz)	PSD without Duty Factor (dBm/MHz)		Total PSD with Duty Factor (dBm/MHz)	Maximum Limit (dBm/MHz)	Pass / Fail
			Chain 0	Chain 1			
U-NII-1	36	5180	0.30	-0.92	2.74	13.99	Pass
	40	5200	0.15	-0.77	2.72	13.99	Pass
	48	5240	0.29	-0.19	3.07	13.99	Pass
U-NII-2A	52	5260	-12.33	-12.06	-9.18	-9.01	Pass
	60	5300	-12.31	-11.89	-9.08	-9.01	Pass
	64	5320	-12.19	-12.53	-9.35	-9.01	Pass
U-NII-2C	100	5500	-11.38	-12.81	-9.03	-9.01	Pass
	116	5580	-12.26	-12.67	-9.45	-9.01	Pass
	140	5700	-11.83	-13.09	-9.40	-9.01	Pass

Band	Channel	Frequency (MHz)	PSD without Duty Factor (dBm/500kHz)		Total PSD with Duty Factor (dBm/500kHz)	Maximum Limit (dBm/500kHz)	Pass / Fail
			Chain 0	Chain 1			
U-NII-3	149	5745	-2.93	-3.62	-0.25	9.99	Pass
	157	5785	-2.67	-3.42	-0.02	9.99	Pass
	165	5825	-2.82	-3.89	-0.31	9.99	Pass

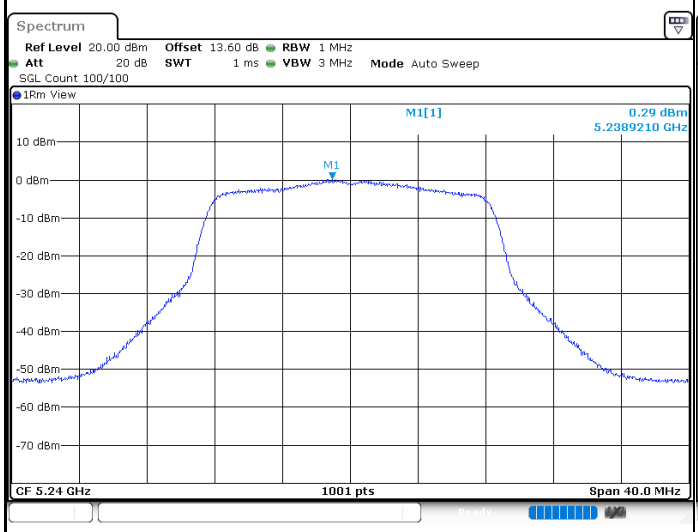
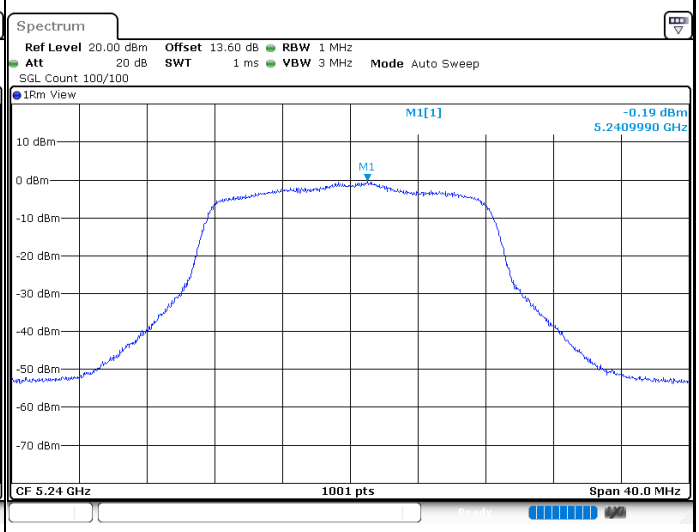
802.11a-Channel 36

Chain 0	Chain 1
	

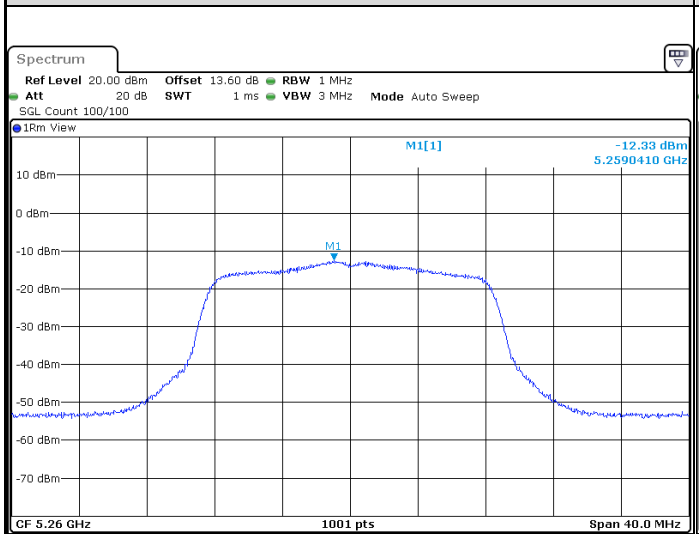
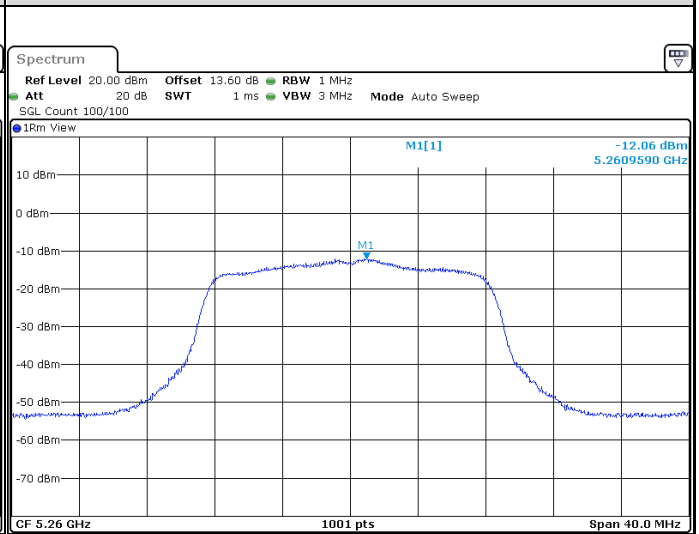
802.11a-Channel 40

Chain 0	Chain 1
	

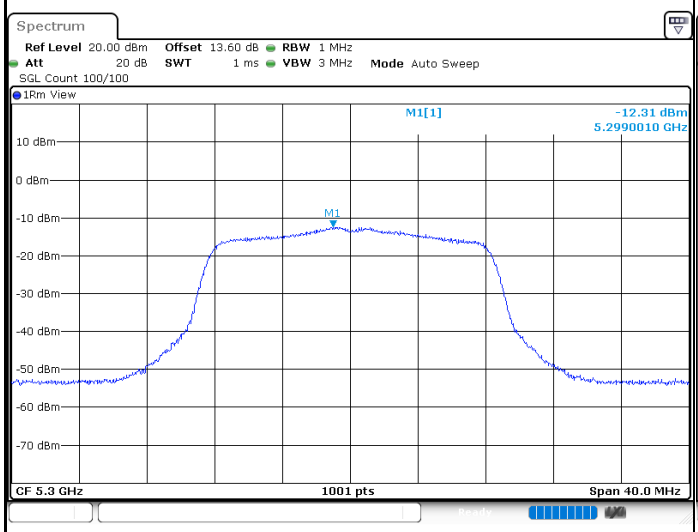
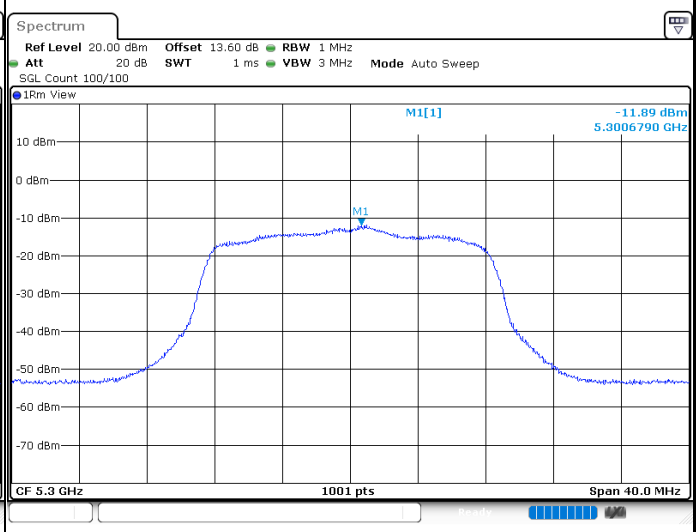
802.11a-Channel 48

Chain 0	Chain 1
	

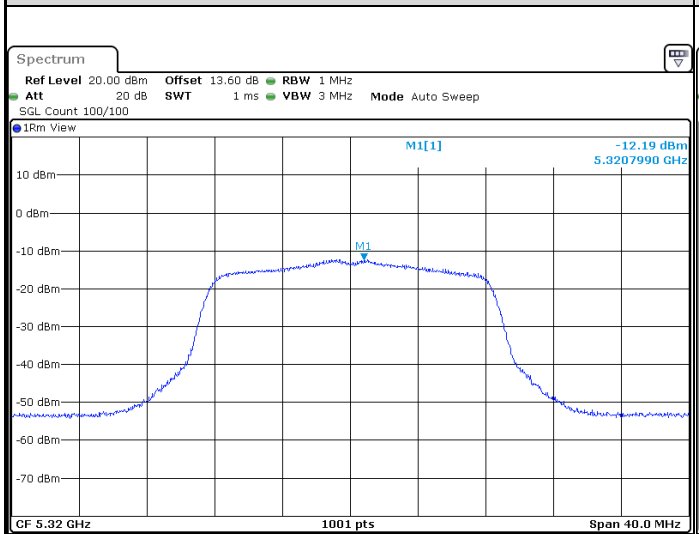
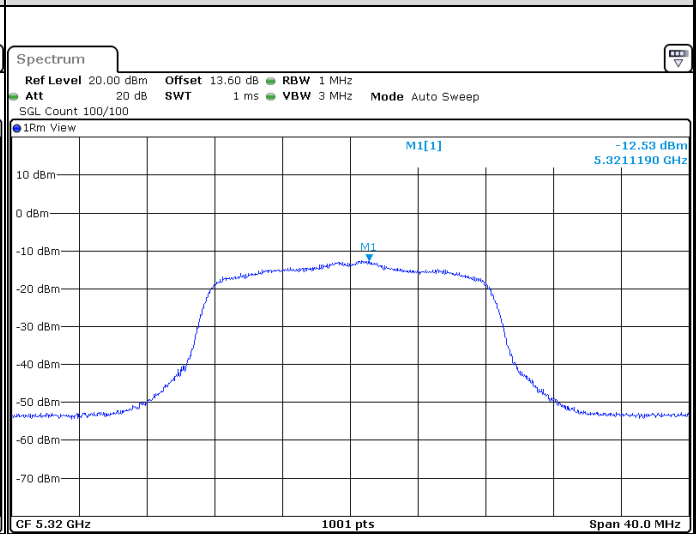
802.11a-Channel 52

Chain 0	Chain 1
	

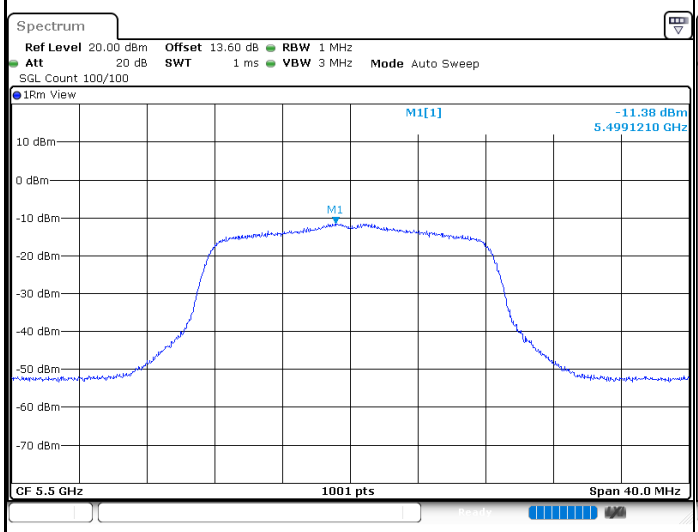
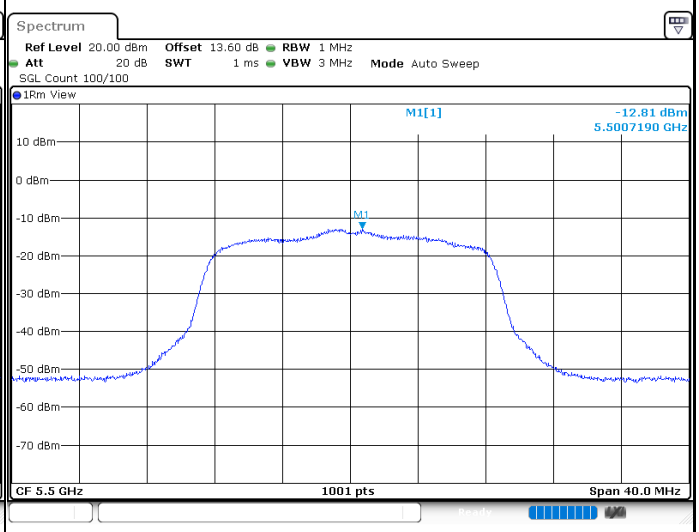
802.11a-Channel 60

Chain 0	Chain 1
	

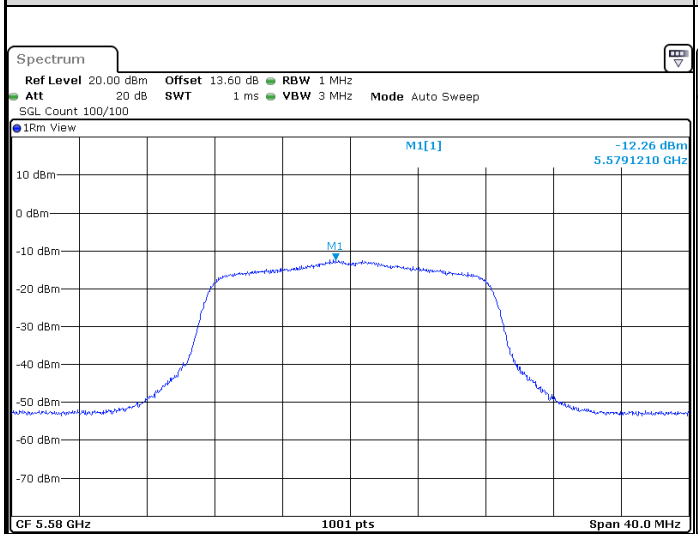
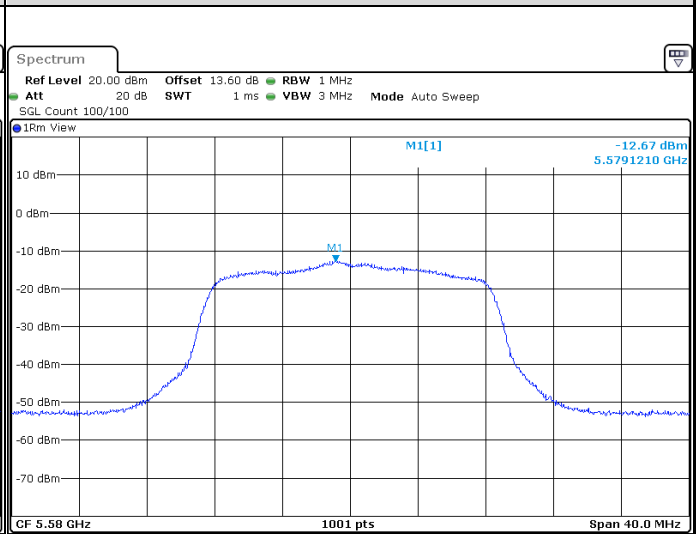
802.11a-Channel 64

Chain 0	Chain 1
	

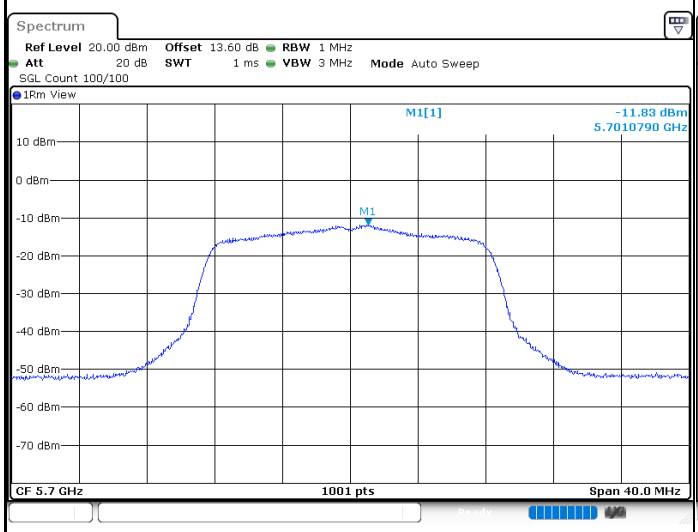
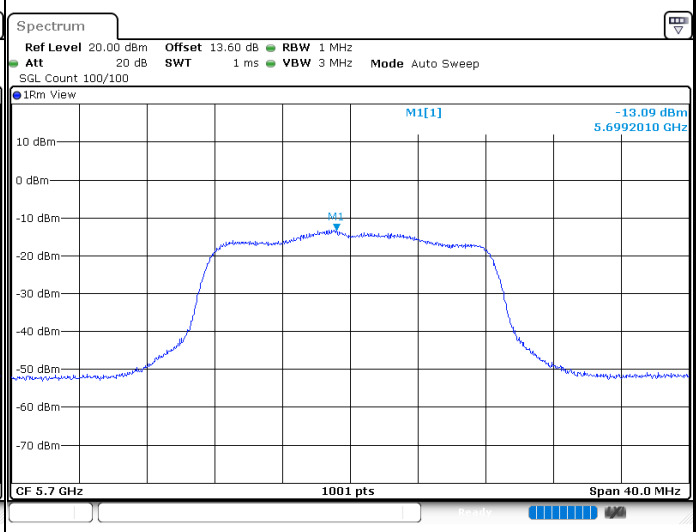
802.11a-Channel 100

Chain 0	Chain 1
	

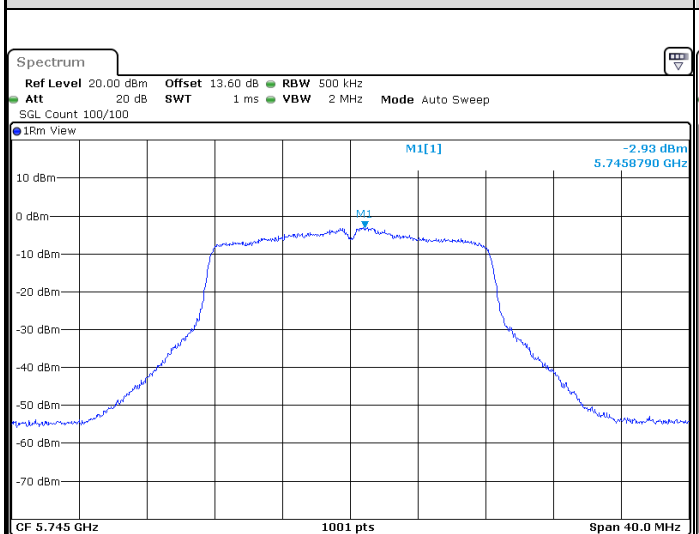
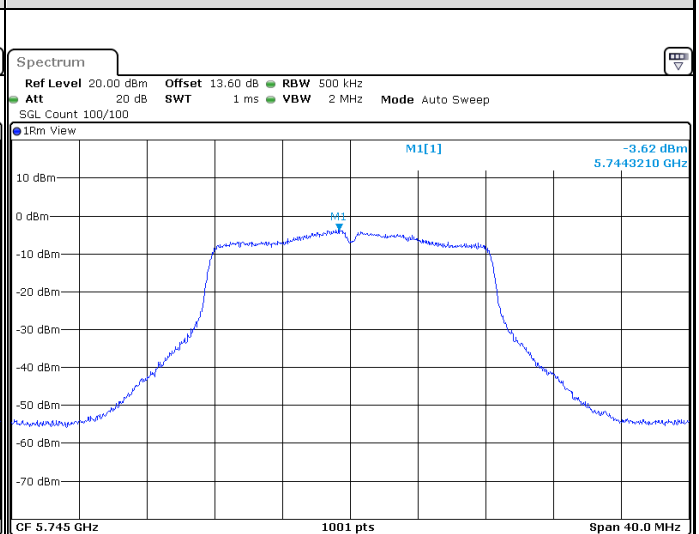
802.11a-Channel 116

Chain 0	Chain 1
	

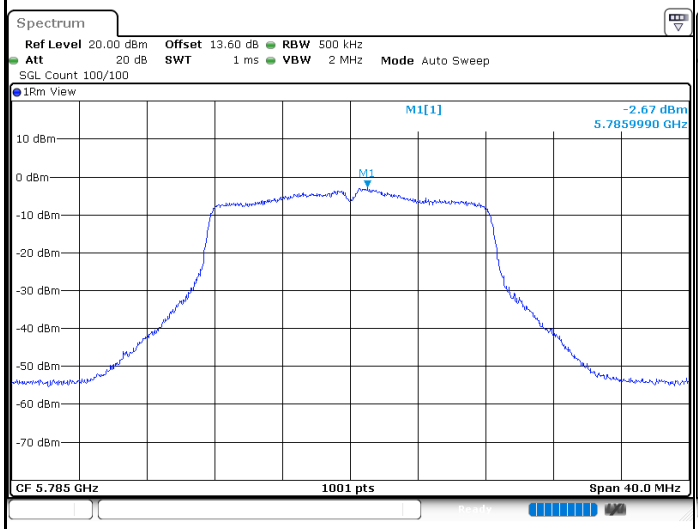
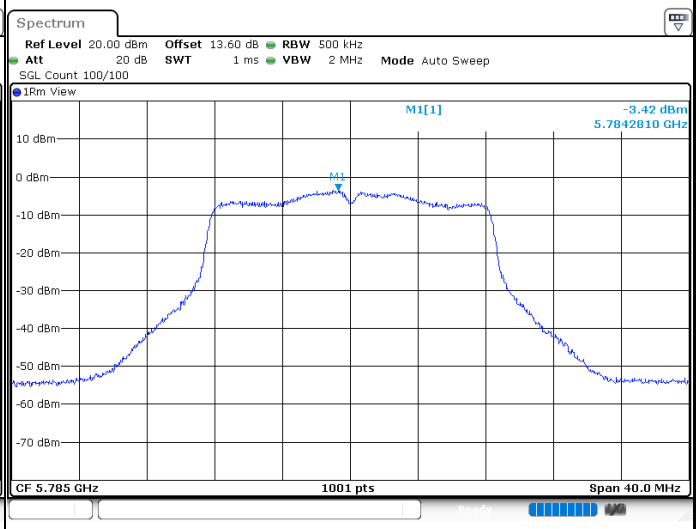
802.11a-Channel 140

Chain 0	Chain 1
	

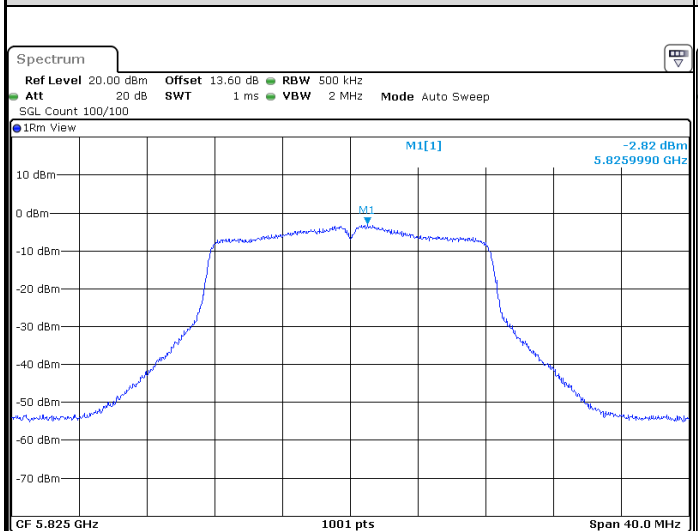
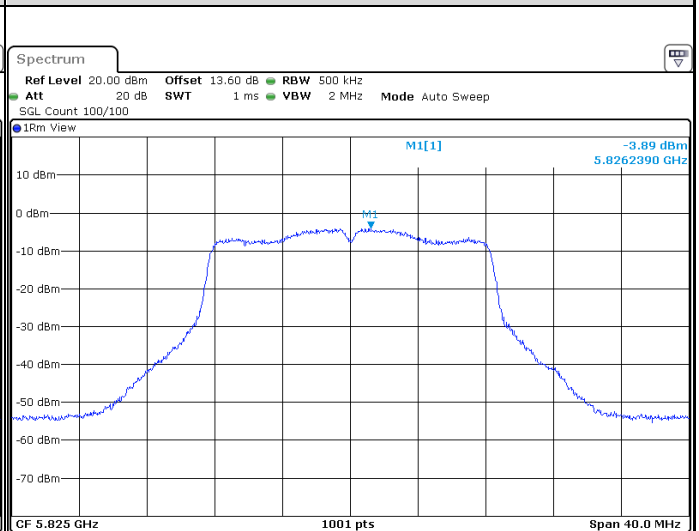
802.11a-Channel 149

Chain 0	Chain 1
	

802.11a-Channel 157

Chain 0	Chain 1
	

802.11a-Channel 165

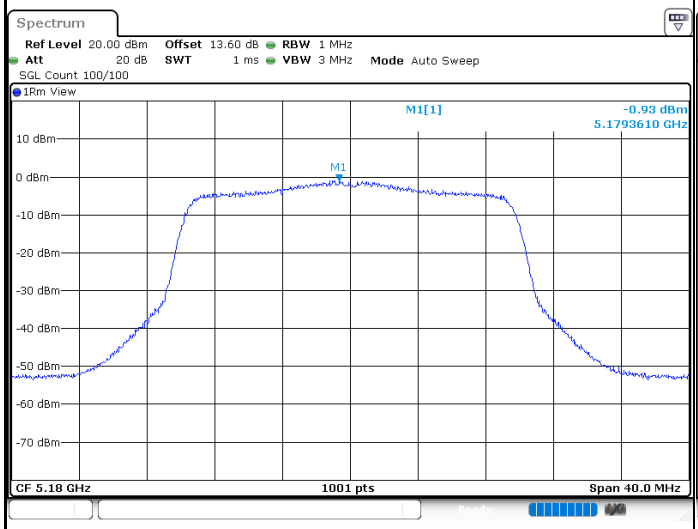
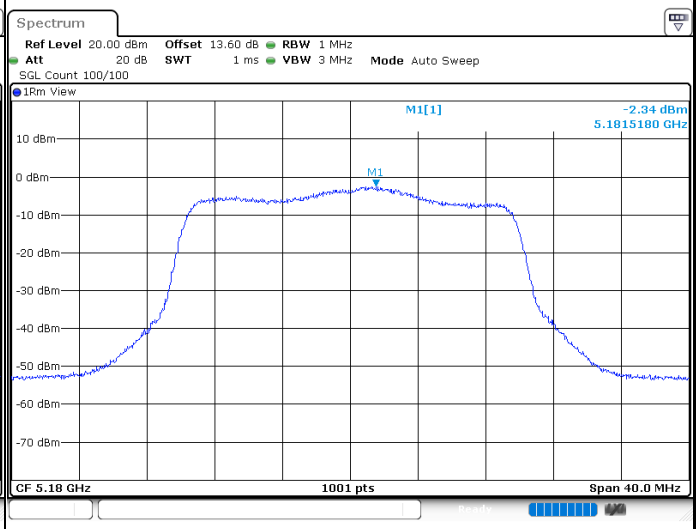
Chain 0	Chain 1
	

802.11ax HE20

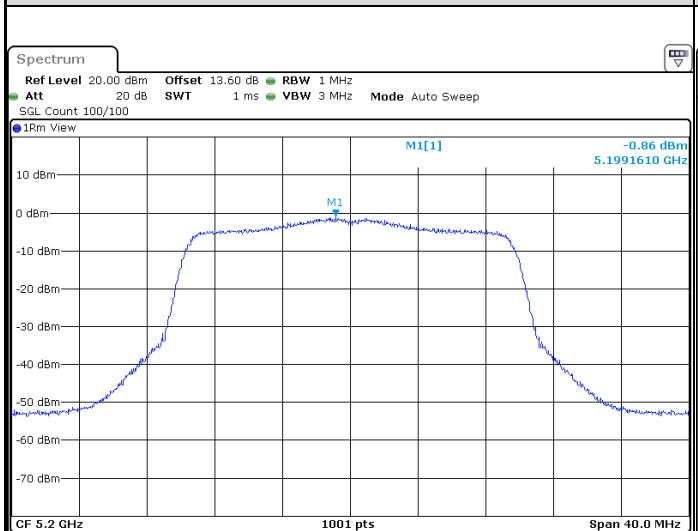
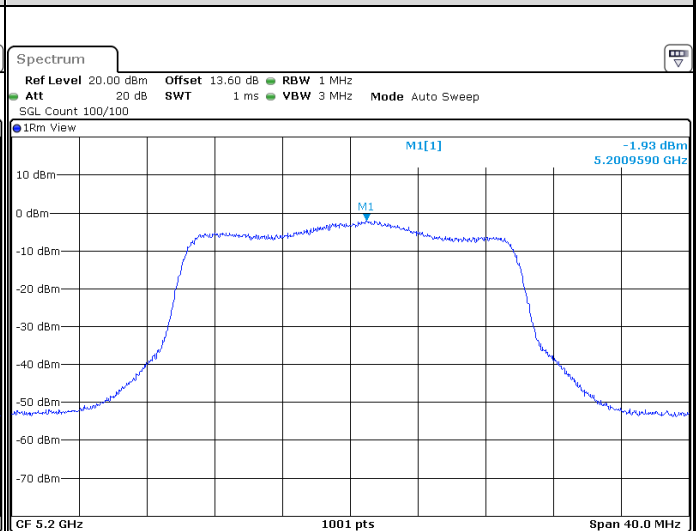
Band	Channel	Frequency (MHz)	PSD without Duty Factor (dBm/MHz)		Total PSD with Duty Factor (dBm/MHz)	Maximum Limit (dBm/MHz)	Pass / Fail
			Chain 0	Chain 1			
U-NII-1	36	5180	-0.93	-2.34	1.71	13.99	Pass
	40	5200	-0.86	-1.93	1.93	13.99	Pass
	48	5240	-0.76	-1.51	2.17	13.99	Pass
U-NII-2A	52	5260	-13.08	-12.49	-9.49	-9.01	Pass
	60	5300	-12.90	-12.60	-9.46	-9.01	Pass
	64	5320	-12.29	-12.38	-9.05	-9.01	Pass
U-NII-2C	100	5500	-11.78	-13.31	-9.19	-9.01	Pass
	116	5580	-12.22	-12.46	-9.05	-9.01	Pass
	140	5700	-11.64	-13.84	-9.31	-9.01	Pass

Band	Channel	Frequency (MHz)	PSD without Duty Factor (dBm/500kHz)		Total PSD with Duty Factor (dBm/500kHz)	Maximum Limit (dBm/500kHz)	Pass / Fail
			Chain 0	Chain 1			
U-NII-3	149	5745	-2.49	-3.87	0.16	9.99	Pass
	157	5785	-2.91	-3.74	-0.02	9.99	Pass
	165	5825	-3.07	-4.02	-0.23	9.99	Pass

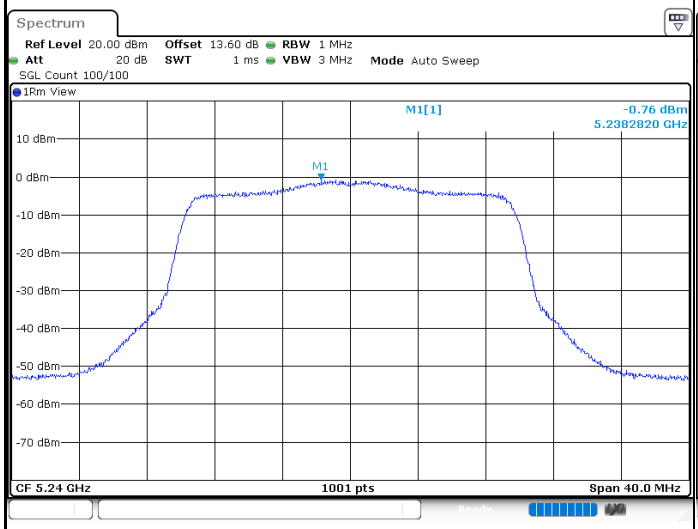
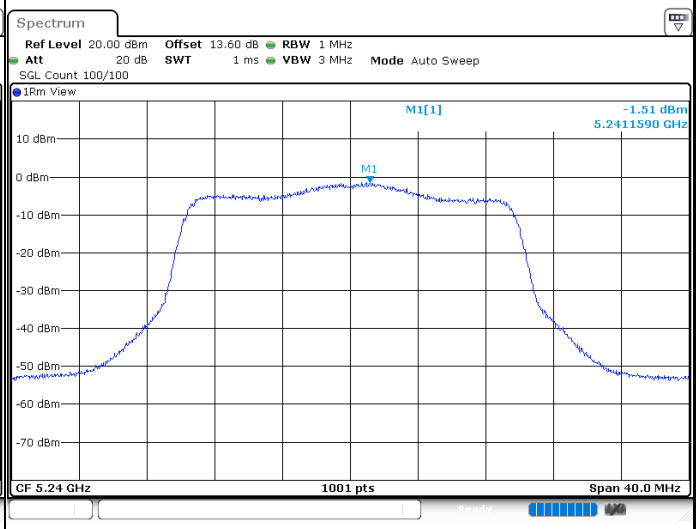
802.11ax HE20-Channel 36

Chain 0	Chain 1
	

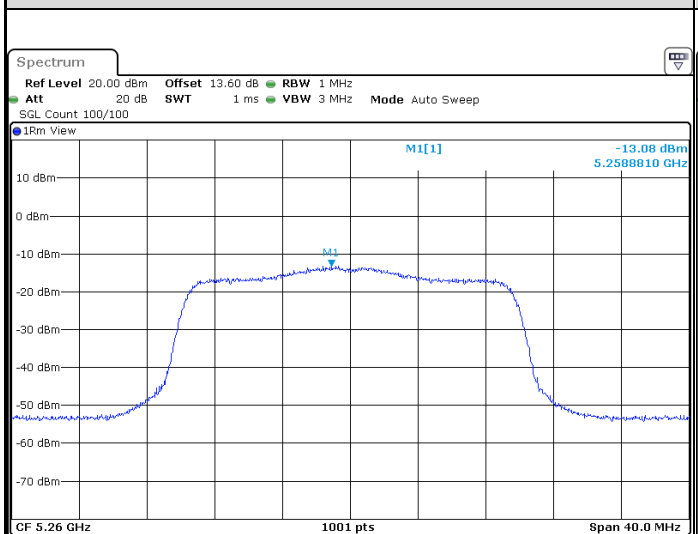
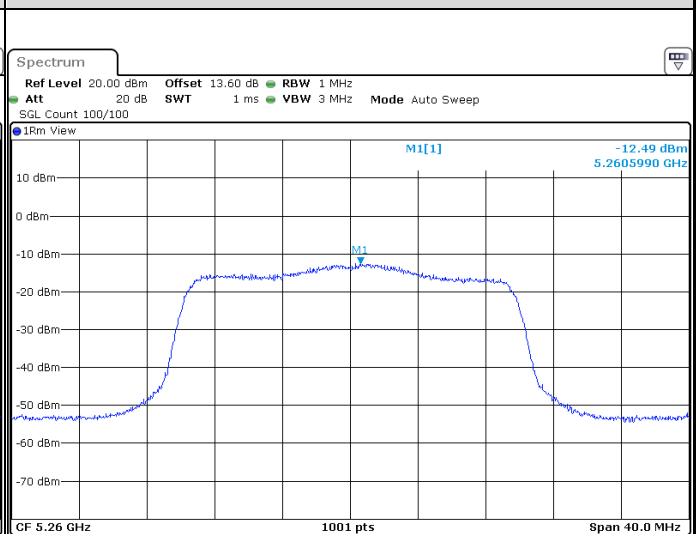
802.11ax HE20-Channel 40

Chain 0	Chain 1
	

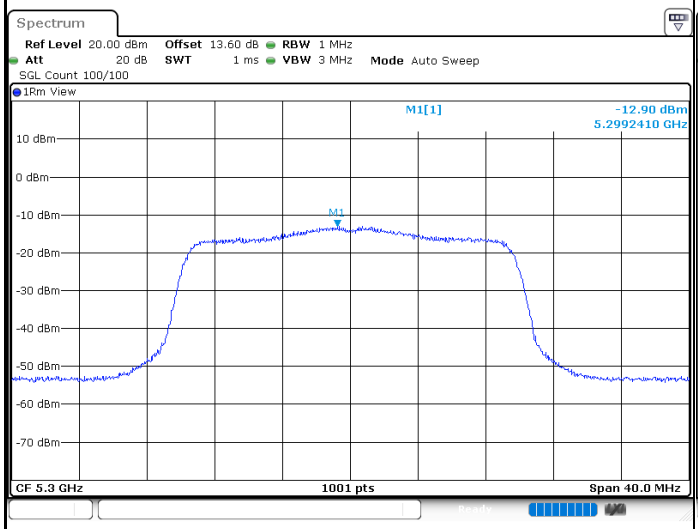
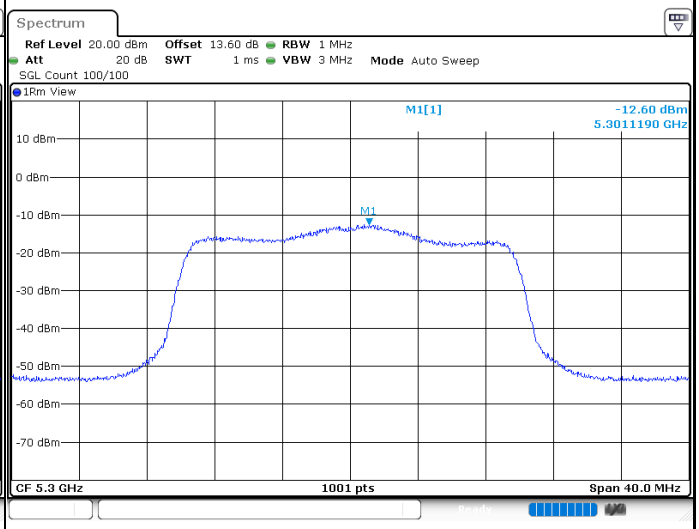
802.11ax HE20-Channel 48

Chain 0	Chain 1
	

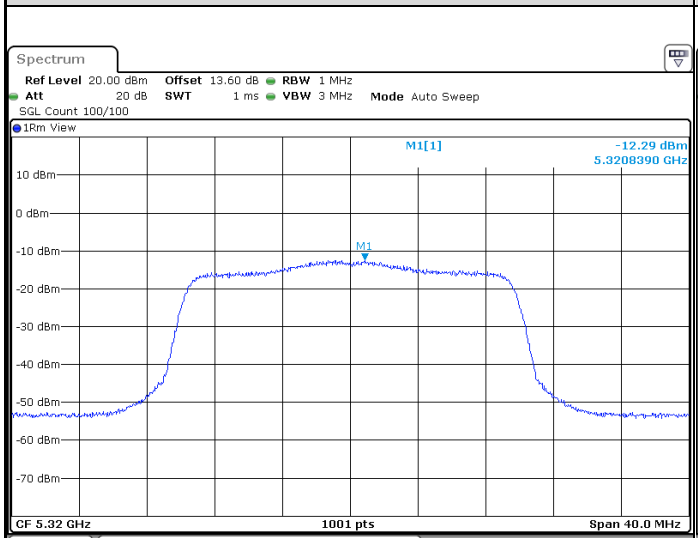
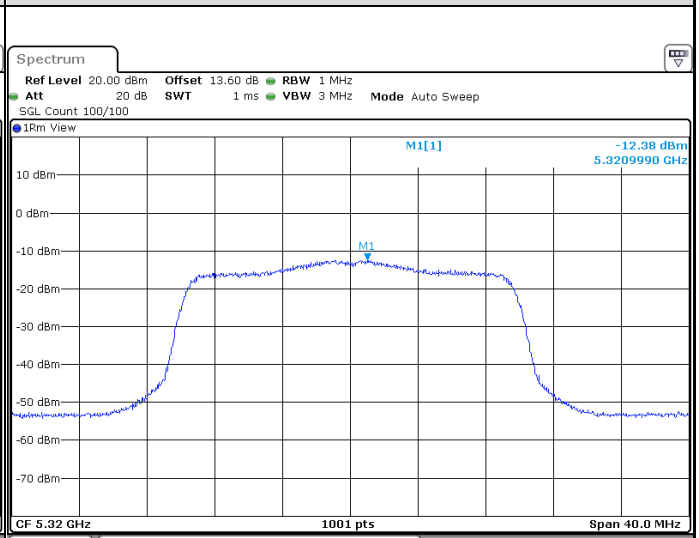
802.11ax HE20-Channel 52

Chain 0	Chain 1
	

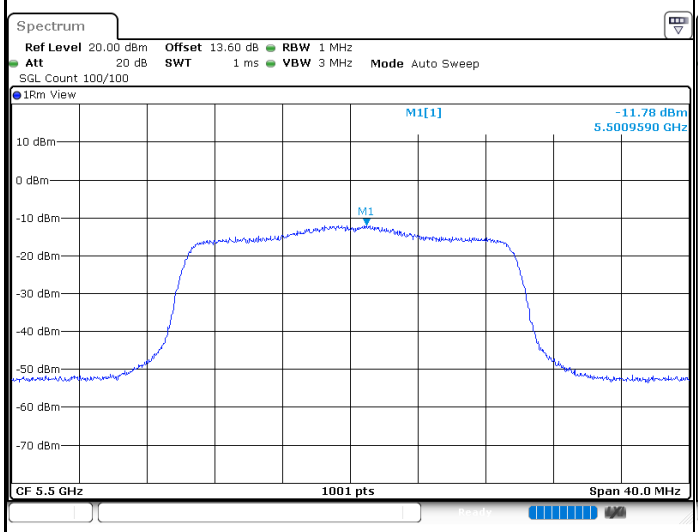
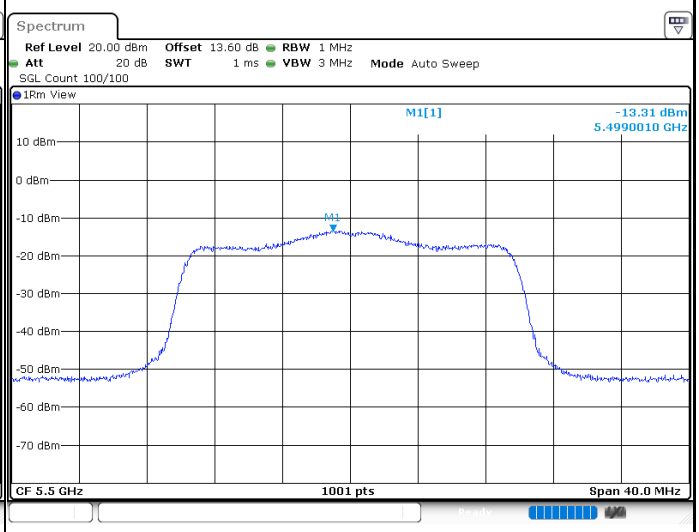
802.11ax HE20-Channel 60

Chain 0	Chain 1
	

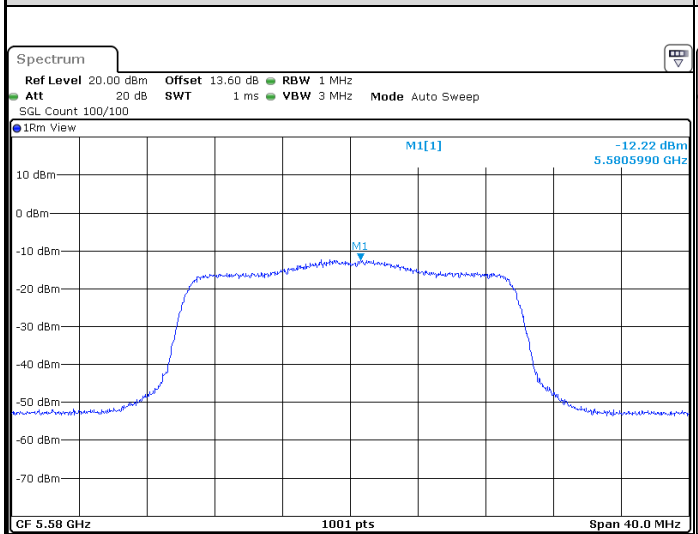
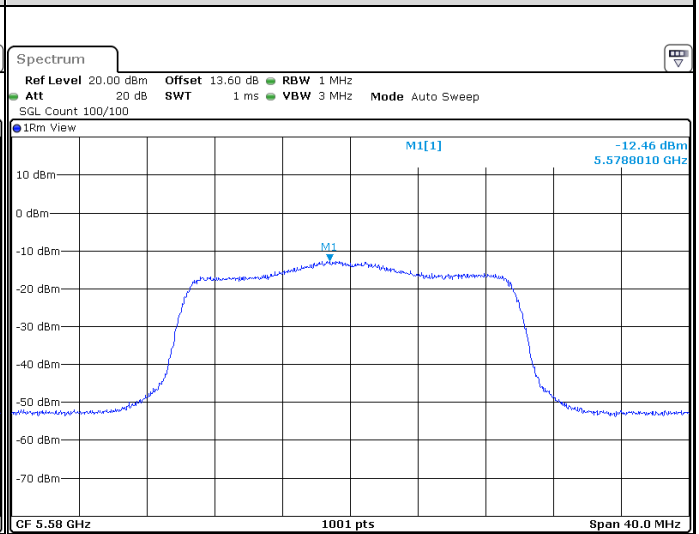
802.11ax HE20-Channel 64

Chain 0	Chain 1
	

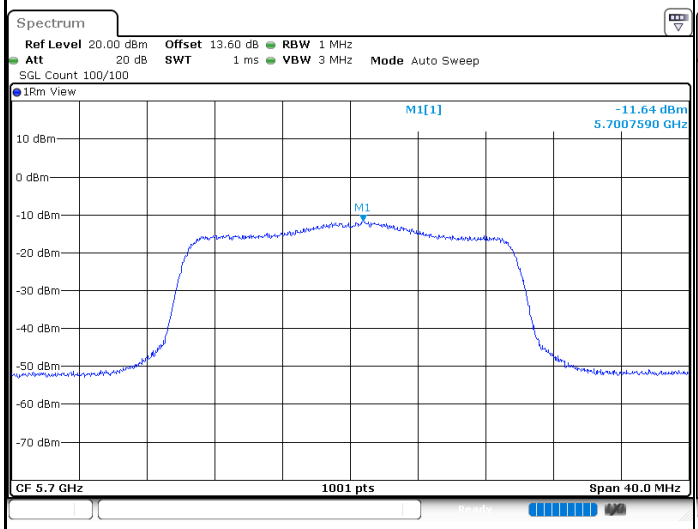
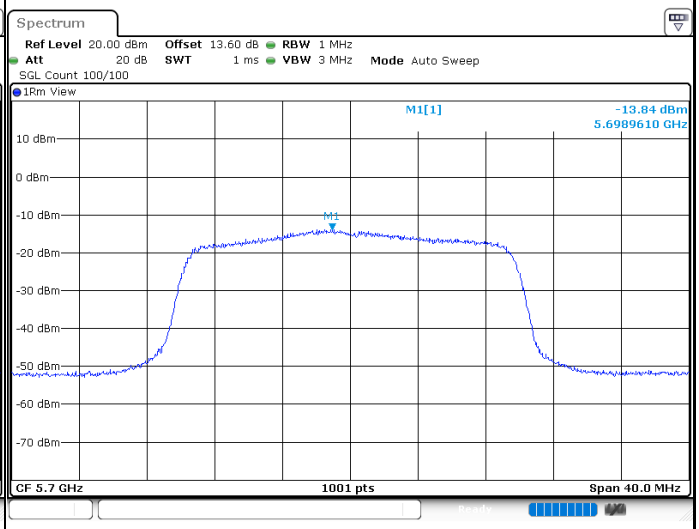
802.11ax HE20-Channel 100

Chain 0	Chain 1
	

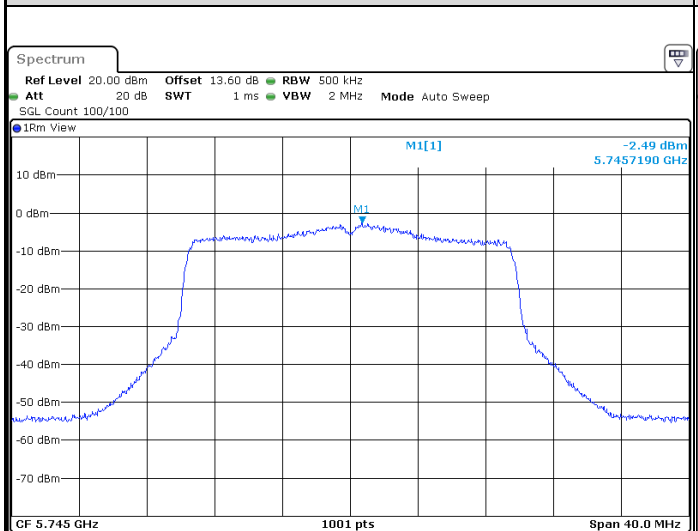
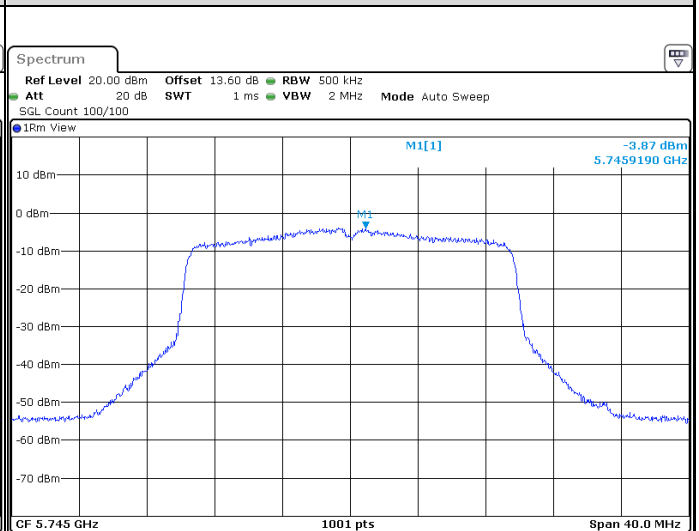
802.11ax HE20-Channel 116

Chain 0	Chain 1
	

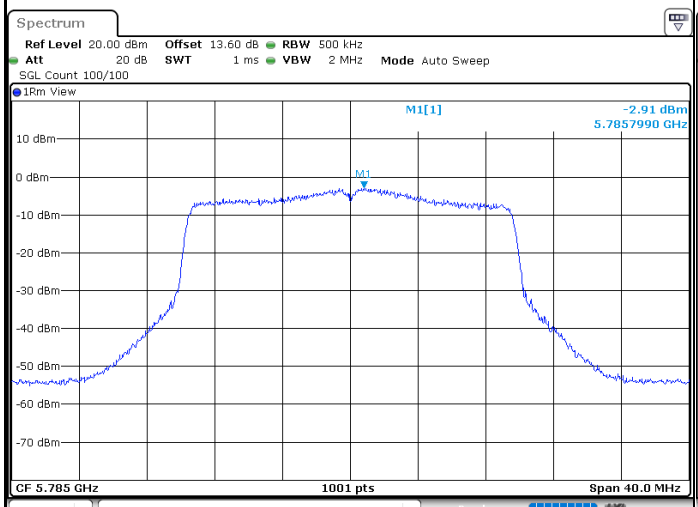
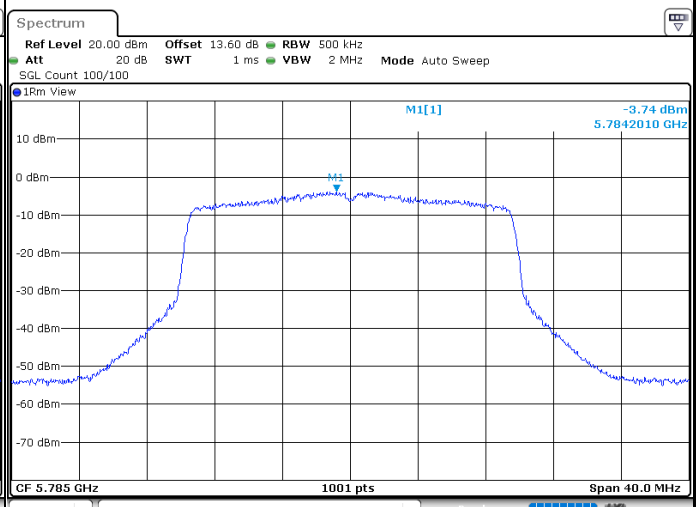
802.11ax HE20-Channel 140

Chain 0	Chain 1
	

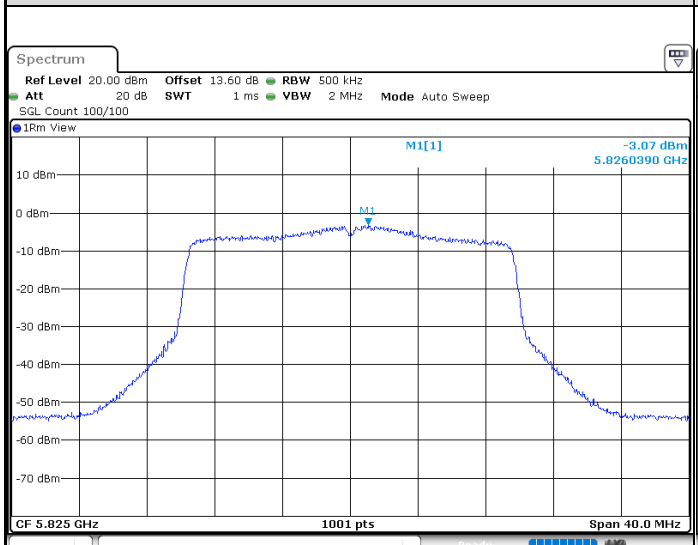
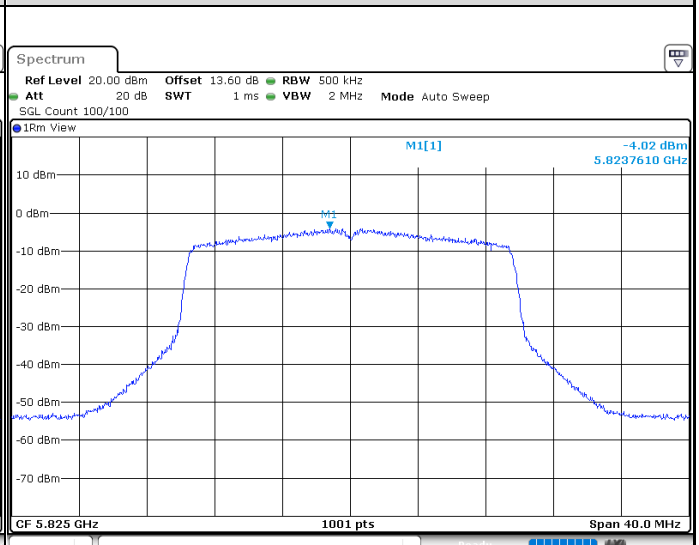
802.11ax HE20-Channel 149

Chain 0	Chain 1
	

802.11ax HE20-Channel 157

Chain 0	Chain 1
	

802.11ax HE20-Channel 165

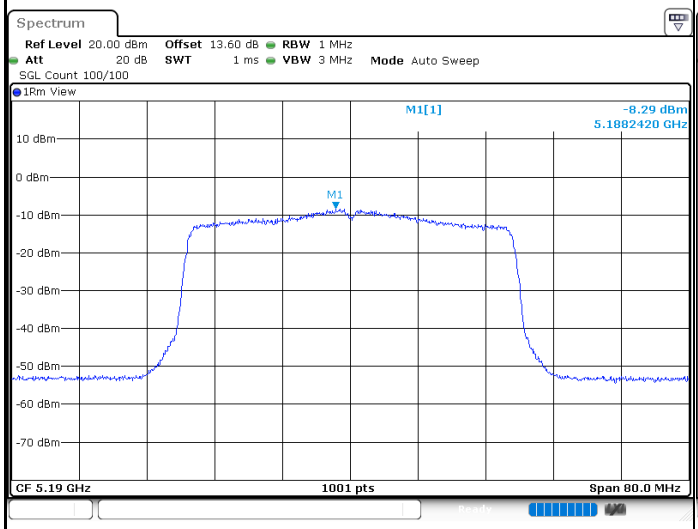
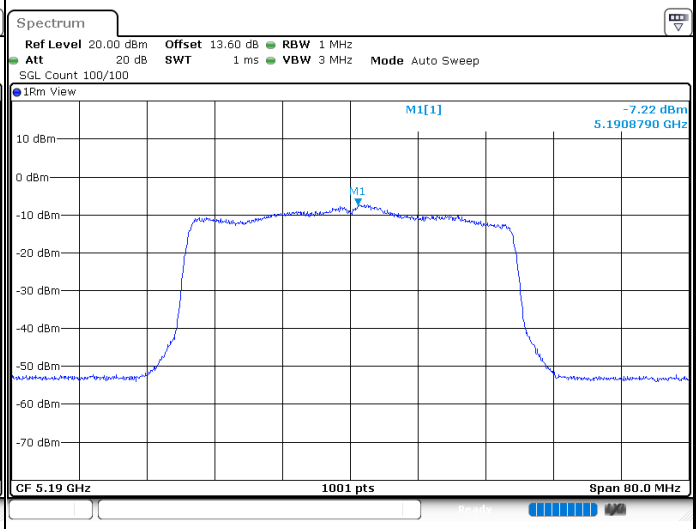
Chain 0	Chain 1
	

802.11ax HE40

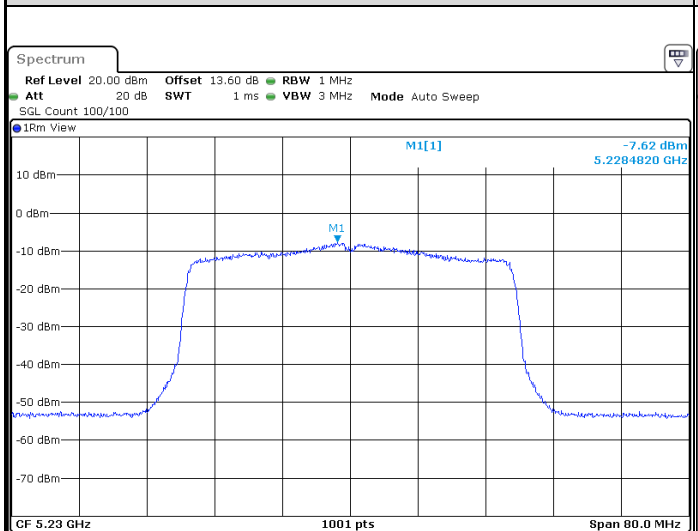
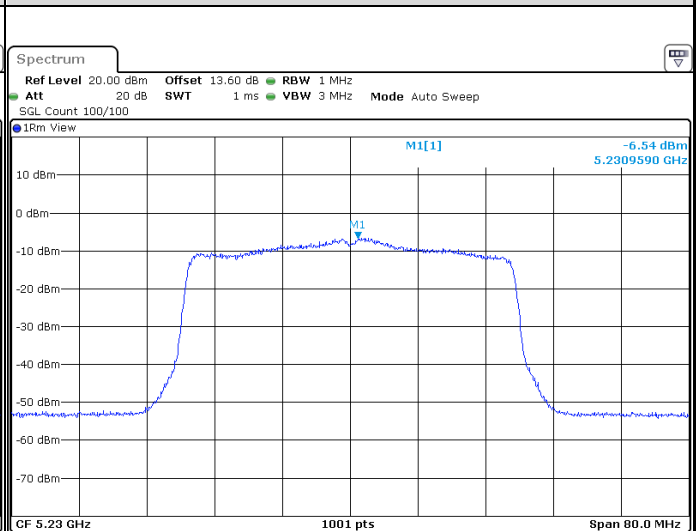
Band	Channel	Frequency (MHz)	PSD without Duty Factor (dBm/MHz)		Total PSD with Duty Factor (dBm/MHz)	Maximum Limit (dBm/MHz)	Pass / Fail
			Chain 0	Chain 1			
U-NII-1	38	5190	-8.29	-7.22	-4.23	13.99	Pass
	46	5230	-7.62	-6.54	-3.55	13.99	Pass
U-NII-2A	54	5270	-13.45	-12.04	-9.19	-9.01	Pass
	62	5310	-12.79	-12.86	-9.33	-9.01	Pass
U-NII-2C	102	5510	-11.89	-13.40	-9.09	-9.01	Pass
	110	5550	-12.16	-13.44	-9.26	-9.01	Pass
	134	5670	-12.48	-13.53	-9.48	-9.01	Pass

Band	Channel	Frequency (MHz)	PSD without Duty Factor (dBm/500kHz)		Total PSD with Duty Factor (dBm/500kHz)	Maximum Limit (dBm/500kHz)	Pass / Fail
			Chain 0	Chain 1			
U-NII-3	151	5755	-8.21	-9.28	-5.22	9.99	Pass
	159	5795	-8.68	-8.97	-5.33	9.99	Pass

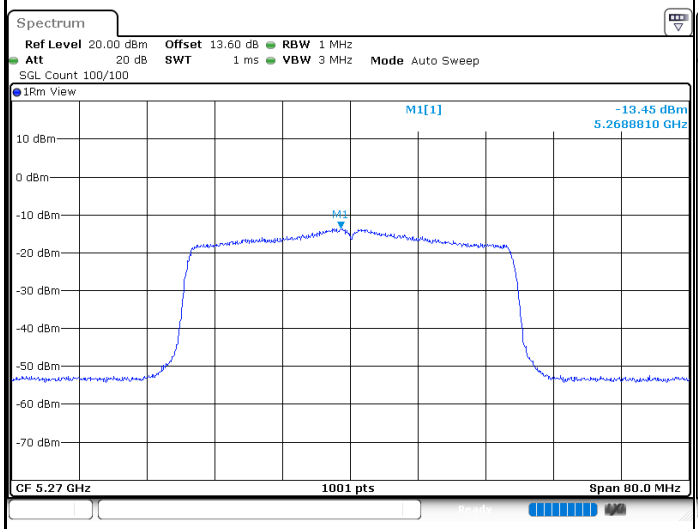
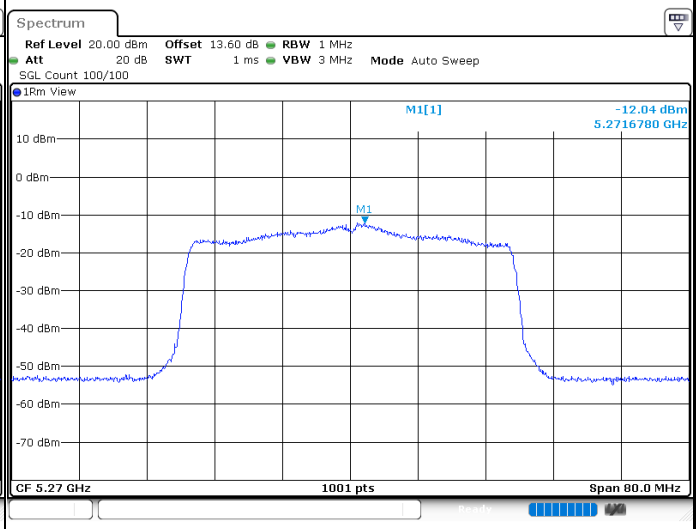
802.11ax HE40-Channel 38

Chain 0	Chain 1
	

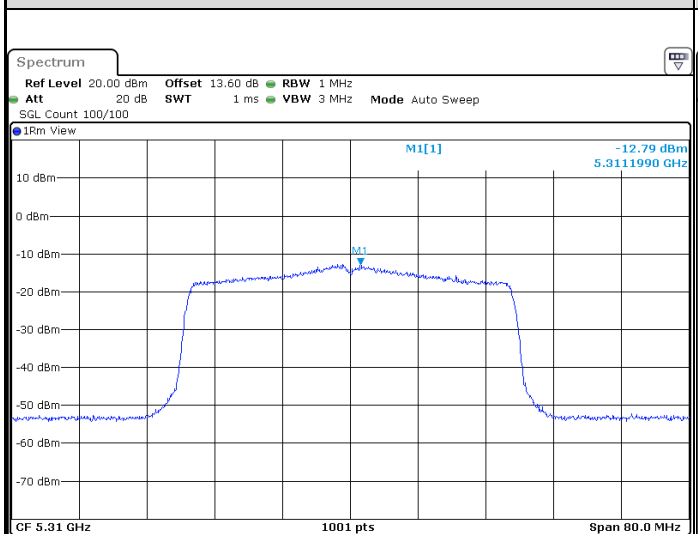
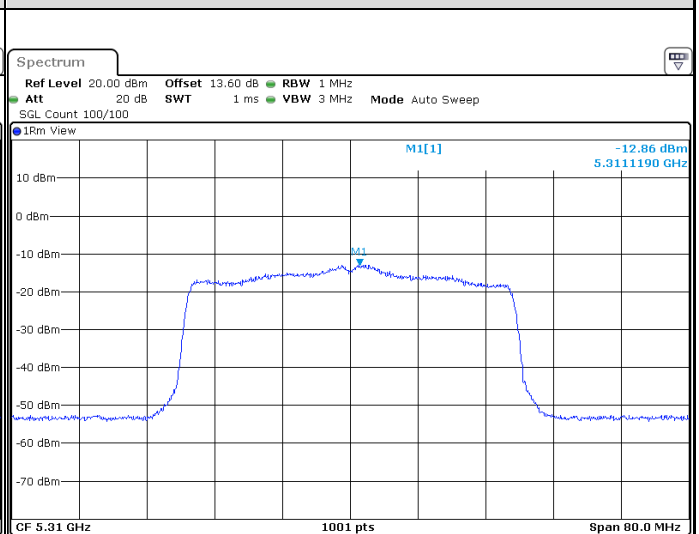
802.11ax HE40-Channel 46

Chain 0	Chain 1
	

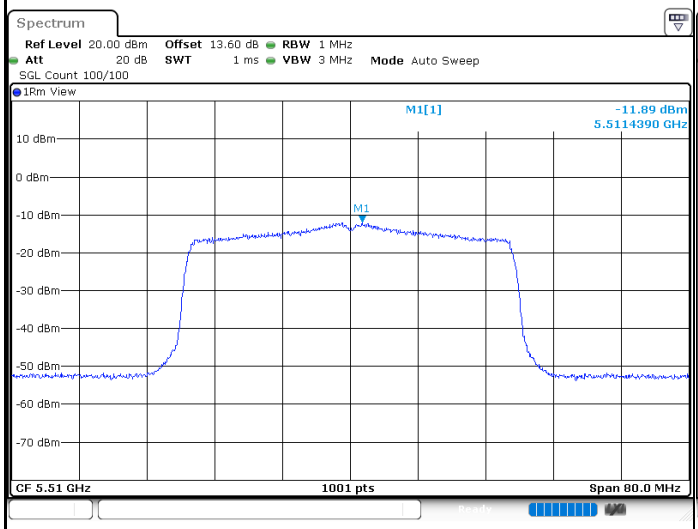
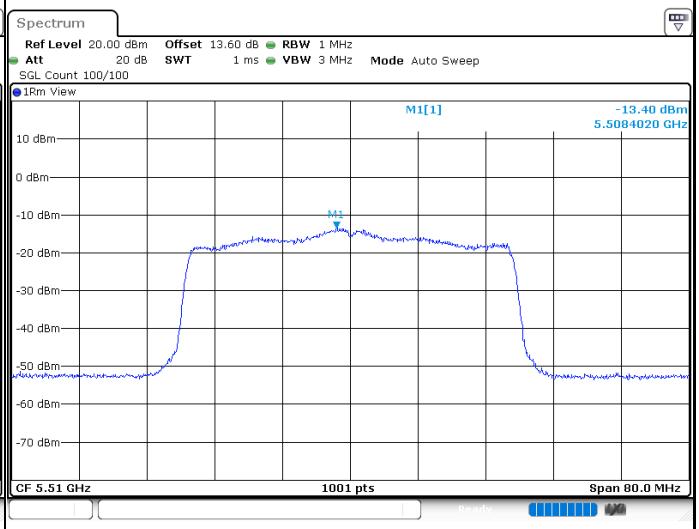
802.11ax HE40-Channel 54

Chain 0	Chain 1
	

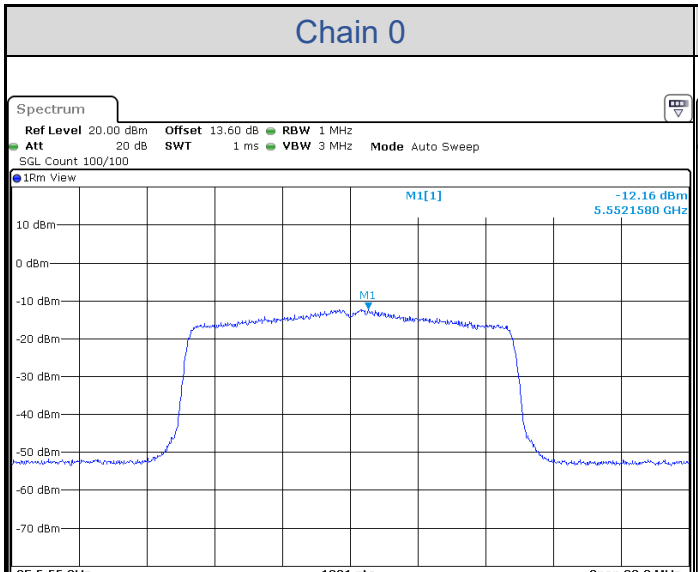
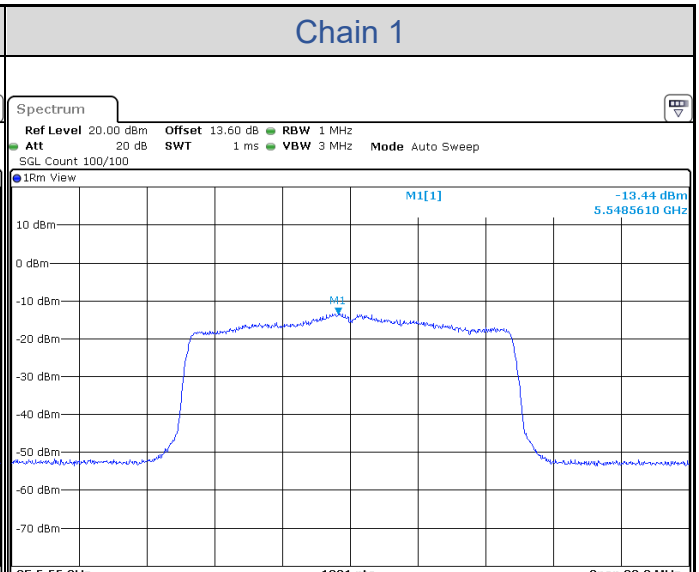
802.11ax HE40-Channel 62

Chain 0	Chain 1
	

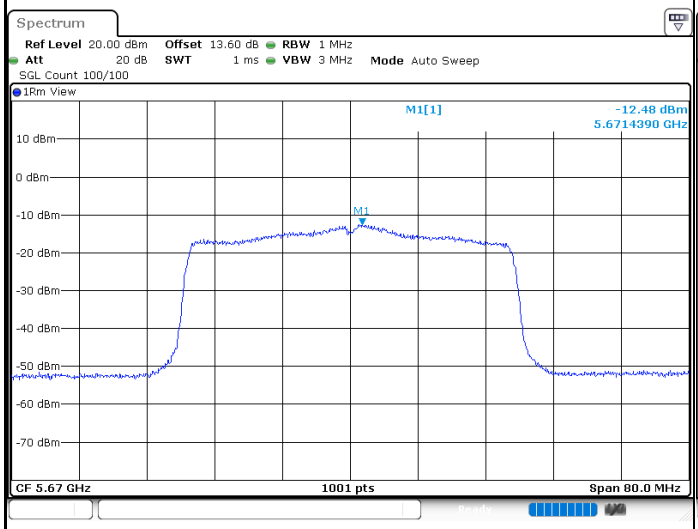
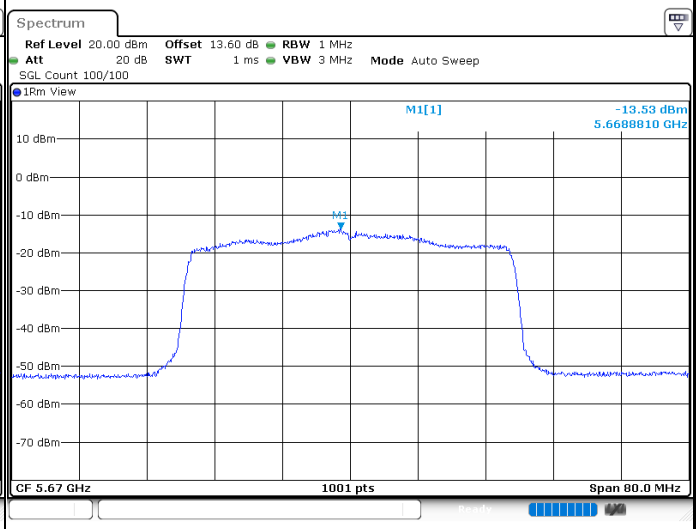
802.11ax HE40-Channel 102

Chain 0	Chain 1
	

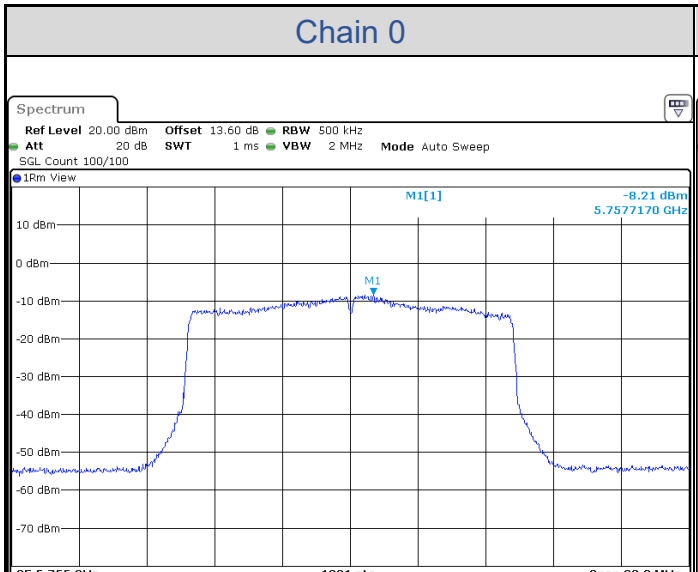
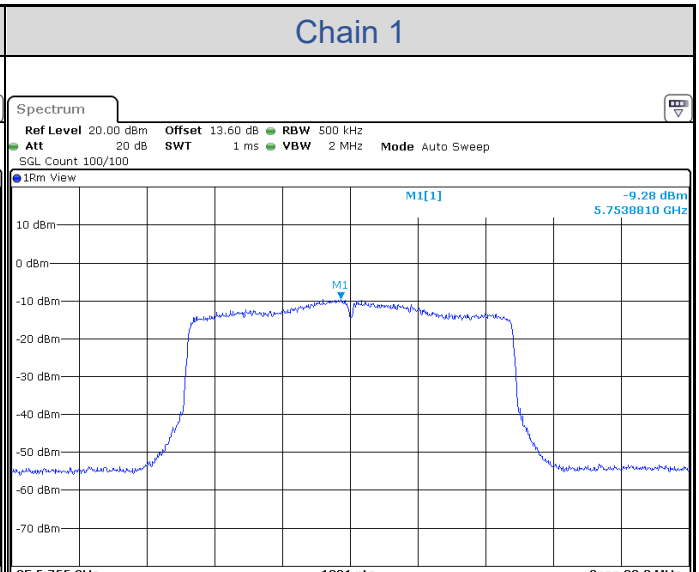
802.11ax HE40-Channel 110

Chain 0	Chain 1
	

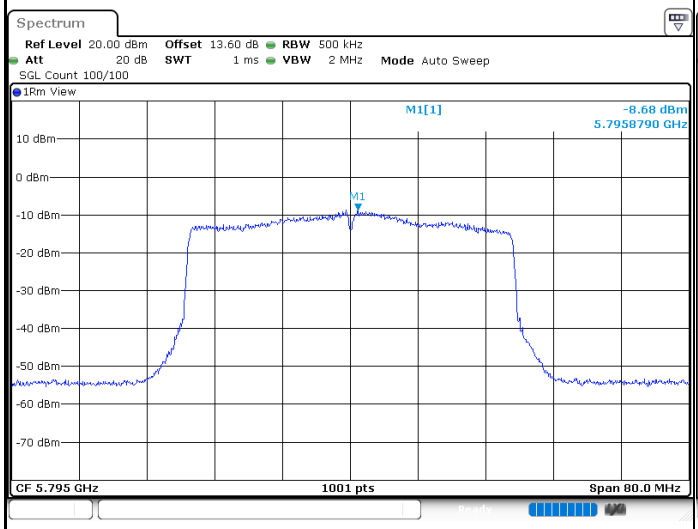
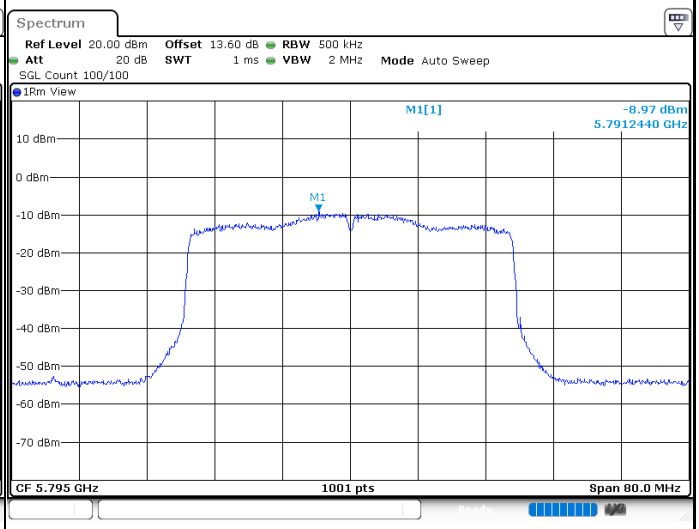
802.11ax HE40-Channel 134

Chain 0	Chain 1
	

802.11ax HE40-Channel 151

Chain 0	Chain 1
	

802.11ax HE40-Channel 159

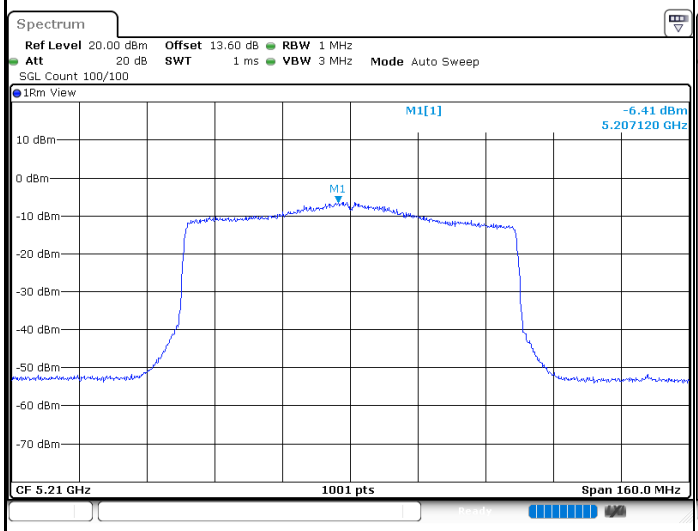
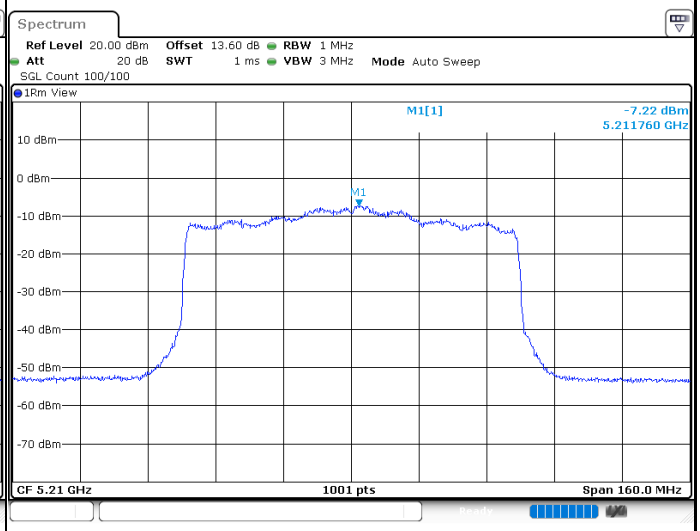
Chain 0	Chain 1
	

802.11ax HE80

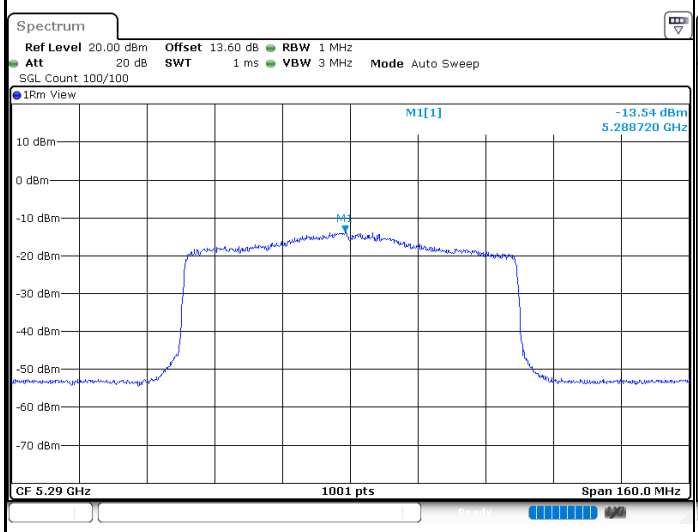
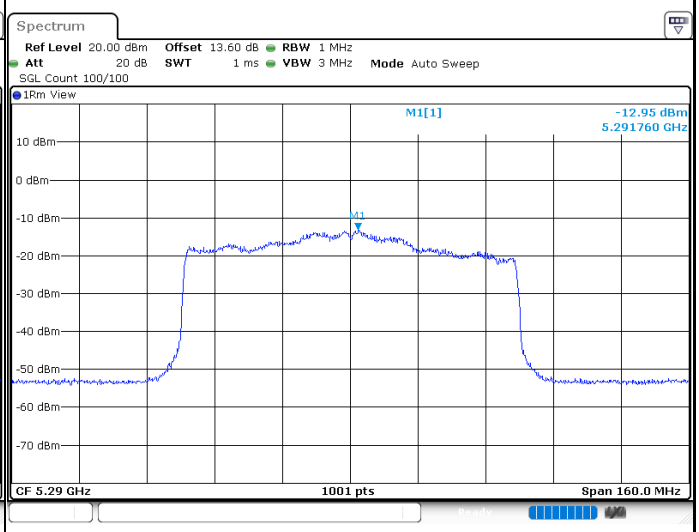
Band	Channel	Frequency (MHz)	PSD without Duty Factor (dBm/MHz)		Total PSD with Duty Factor (dBm/MHz)	Maximum Limit (dBm/MHz)	Pass / Fail
			Chain 0	Chain 1			
U-NII-1	42	5210	-6.41	-7.22	-2.83	13.99	Pass
U-NII-2A	58	5290	-13.54	-12.95	-9.27	-9.01	Pass
U-NII-2C	106	5530	-12.52	-13.82	-9.16	-9.01	Pass
	122	5610	-12.62	-13.37	-9.02	-9.01	Pass

Band	Channel	Frequency (MHz)	PSD without Duty Factor (dBm/500kHz)		Total PSD with Duty Factor (dBm/500kHz)	Maximum Limit (dBm/500kHz)	Pass / Fail
			Chain 0	Chain 1			
U-NII-3	155	5775	0.16	-0.04	4.02	9.99	Pass

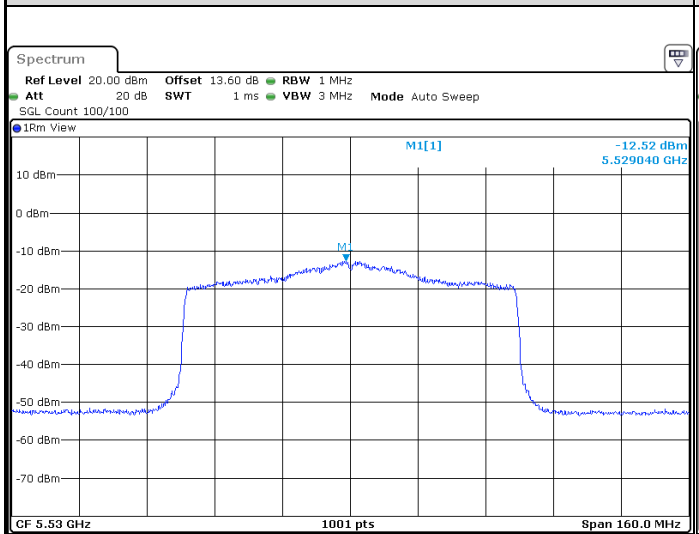
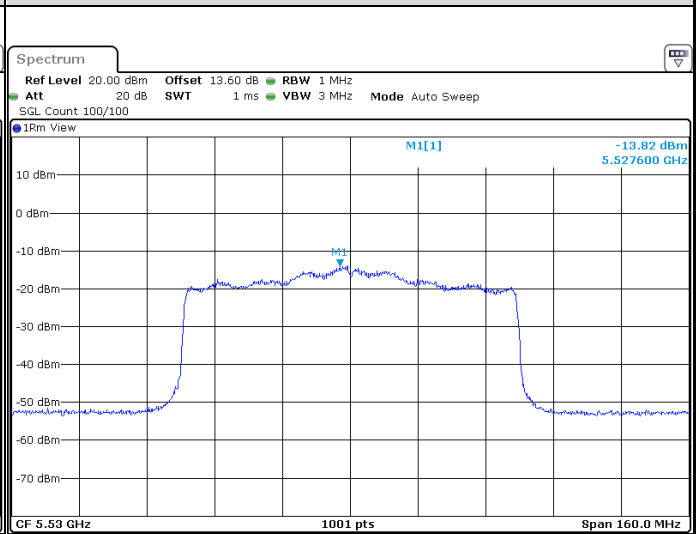
802.11ax HE80-Channel 42

Chain 0	Chain 1
	

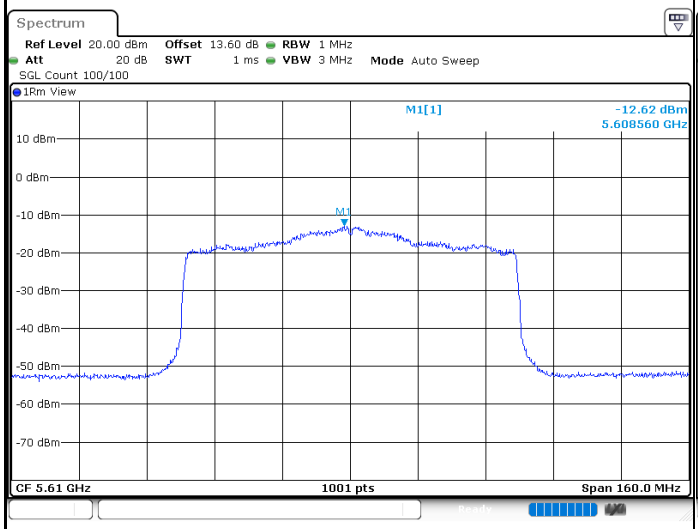
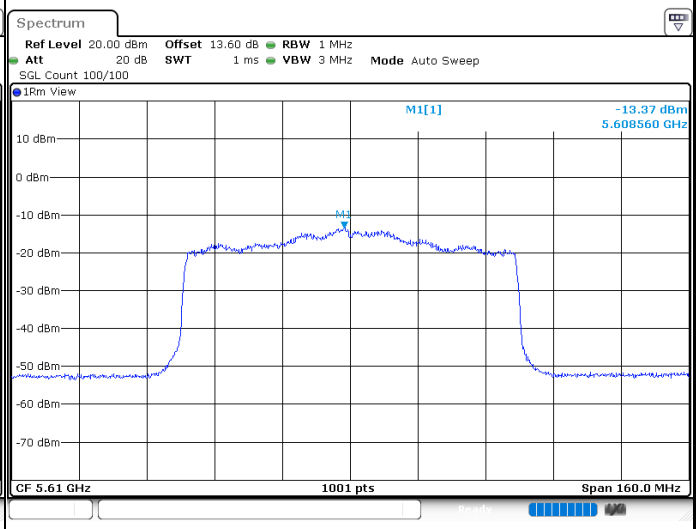
802.11ax HE80-Channel 58

Chain 0	Chain 1
	

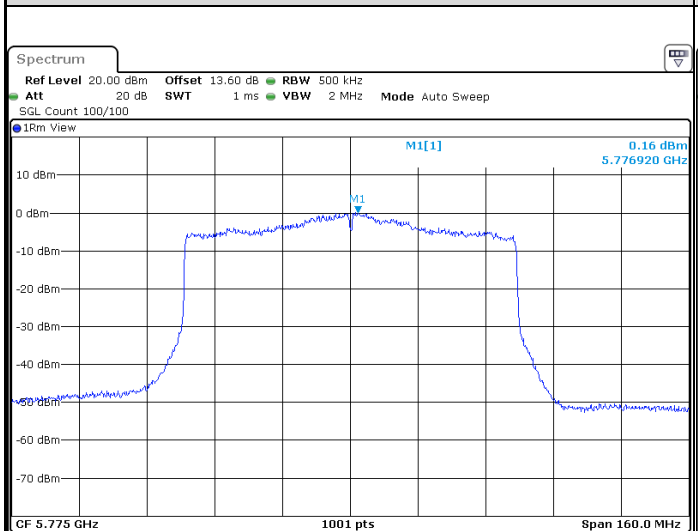
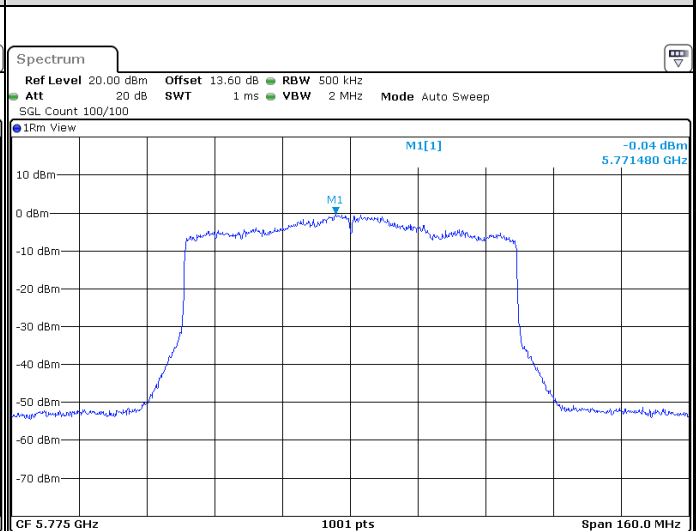
802.11ax HE80-Channel 106

Chain 0	Chain 1
	

802.11ax HE80-Channel 122

Chain 0	Chain 1
	

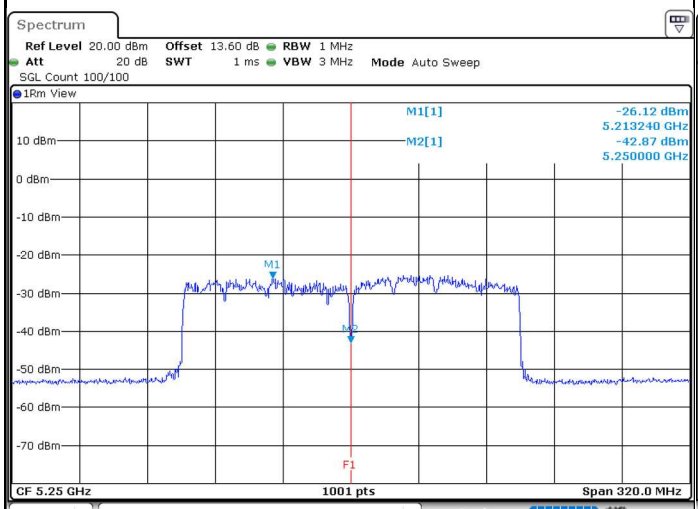
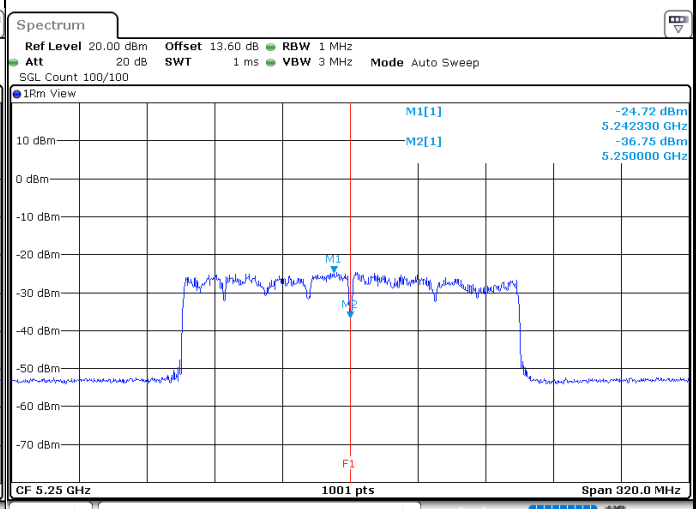
802.11ax HE80-Channel 155

Chain 0	Chain 1
	

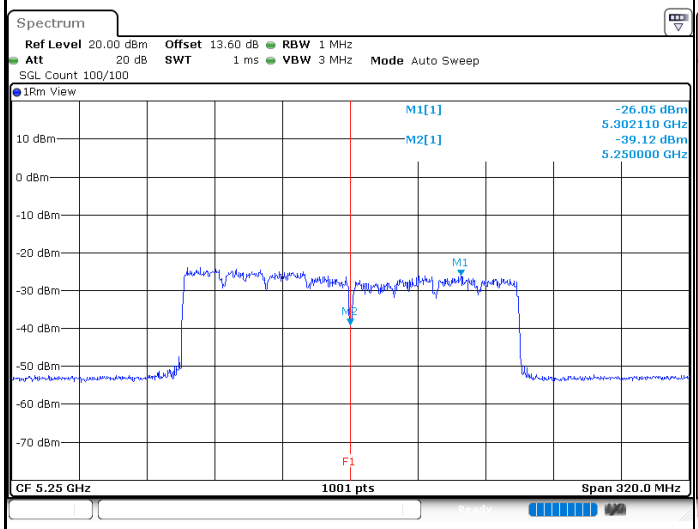
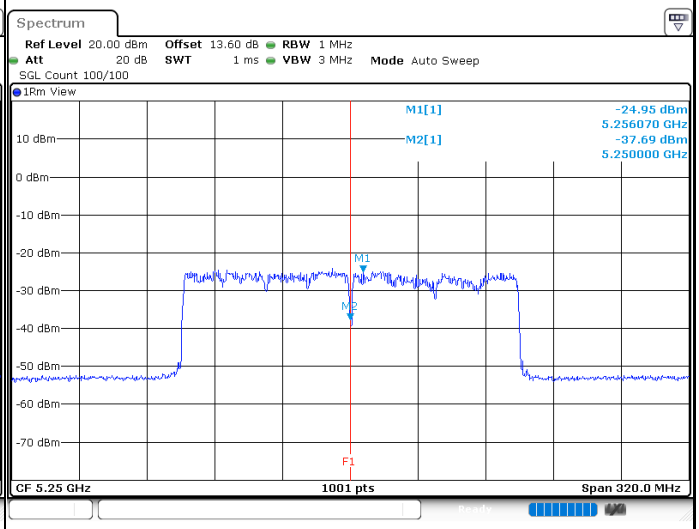
802.11ax HE160

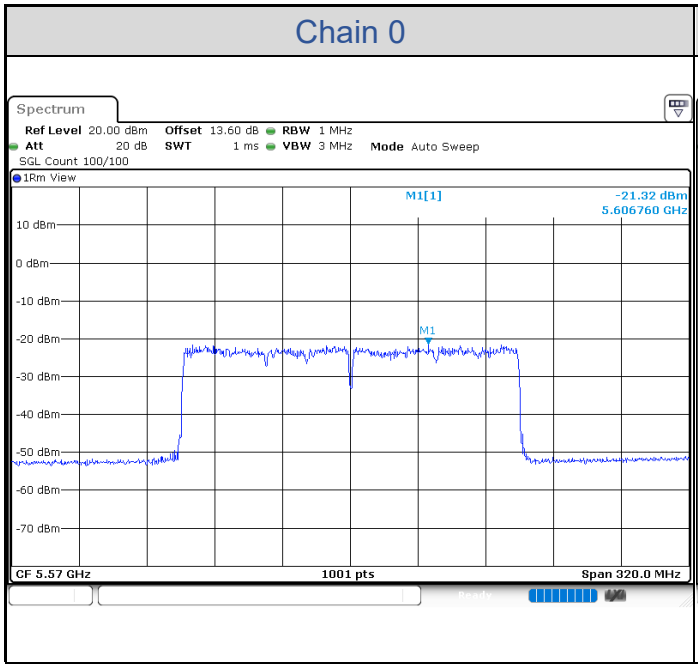
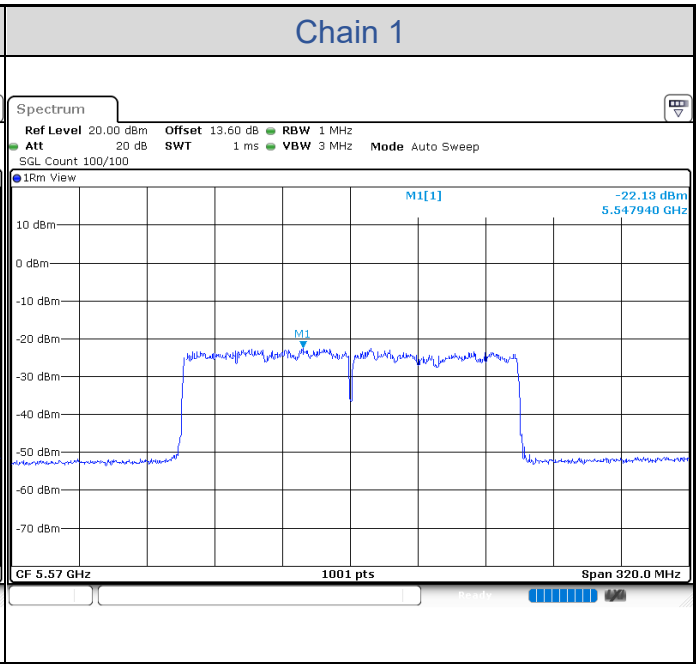
Band	Channel	Frequency (MHz)	PSD without Duty Factor (dBm/MHz)		Total PSD with Duty Factor (dBm/MHz)	Maximum Limit (dBm/MHz)	Pass / Fail
			Chain 0	Chain 1			
U-NII-1	50	5250	-26.12	-24.72	-13.61	-3.01	Pass
U-NII-2A	50	5250	-26.05	-24.95	-13.71	-9.01	Pass
U-NII-2C	114	5570	-21.32	-22.13	-9.95	-9.01	Pass

802.11ax HE160-Channel 50-(U-NII-1)

Chain 0	Chain 1
	

802.11ax HE160-Channel 50-(U-NII-2A)

Chain 0	Chain 1
	

802.11ax HE160-Channel 114

Chain 0	Chain 1