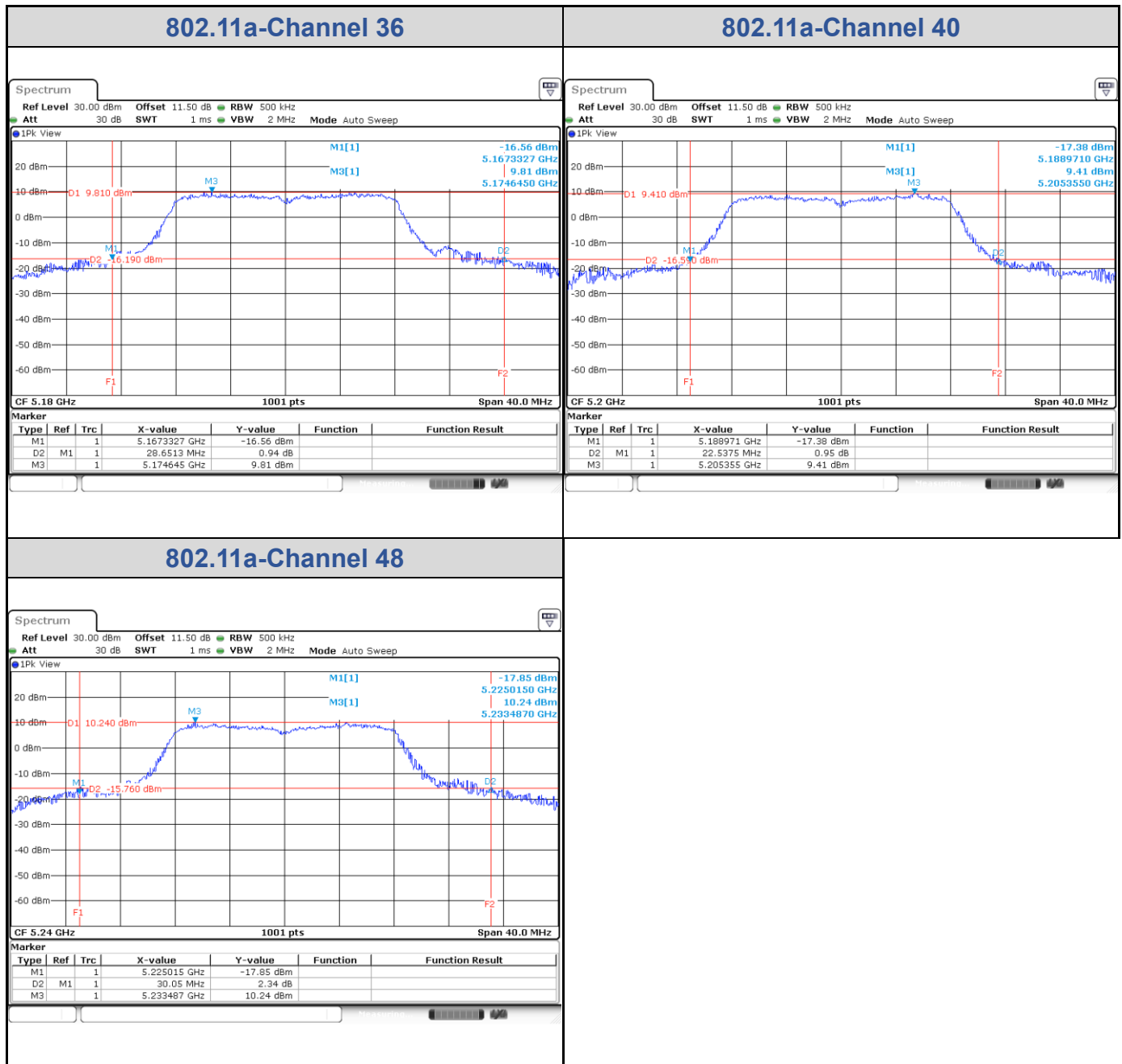


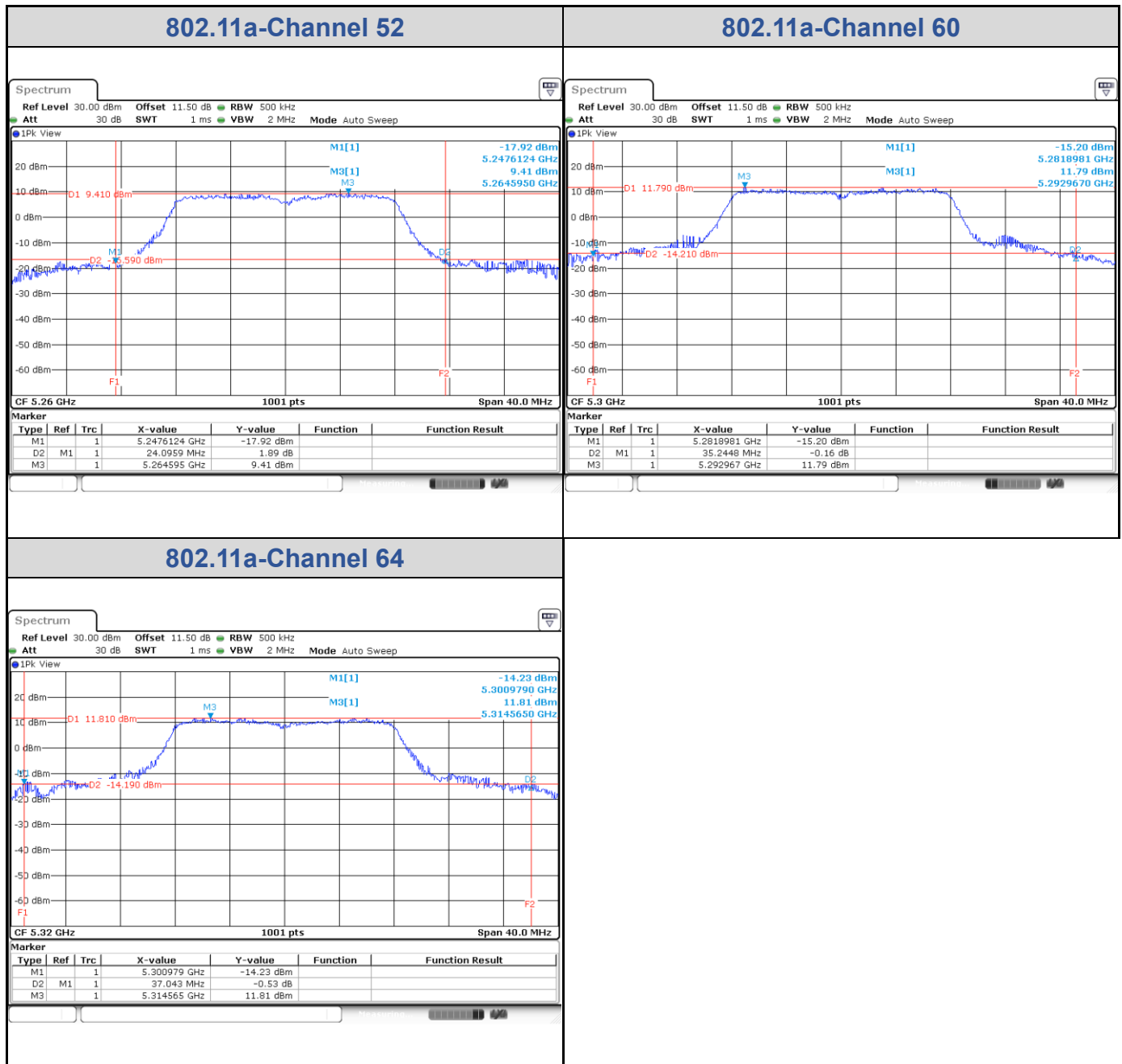
Appendix A: Test Results of Conducted Test

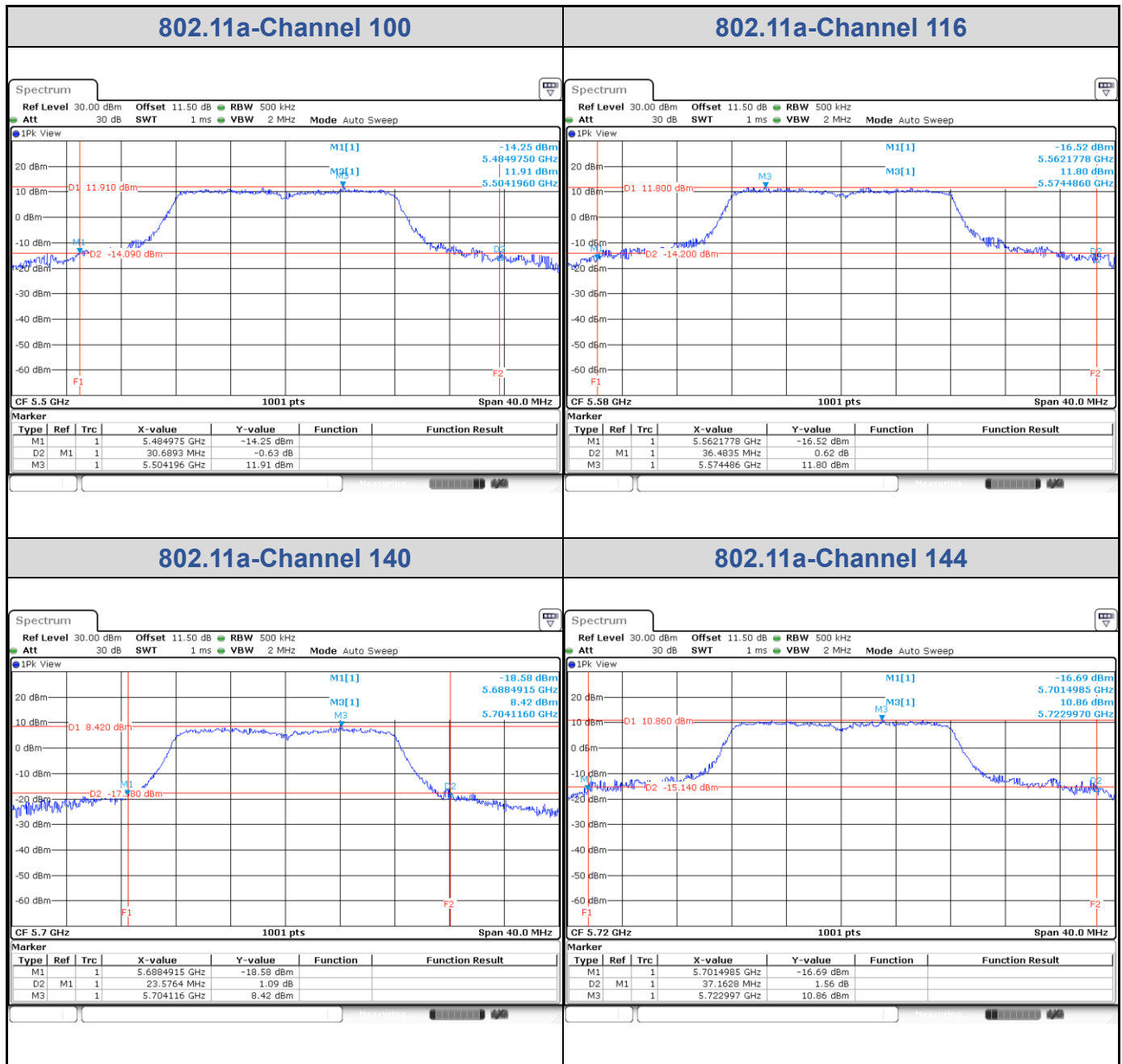
Test Result of 26 dB Bandwidth

802.11a

Channel	Frequency (MHz)	26 dB Bandwidth (MHz)
36	5180	28.65
40	5200	22.54
48	5240	30.05
52	5260	24.10
60	5300	35.24
64	5320	37.04
100	5500	30.69
116	5580	36.48
140	5700	23.58
144	5720	23.50



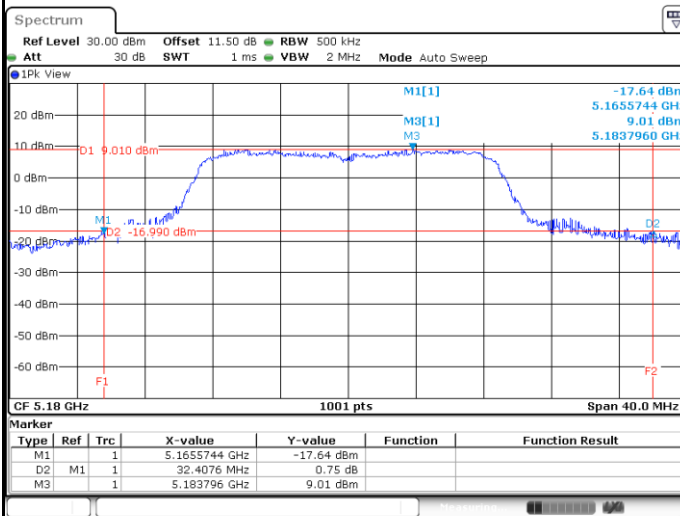




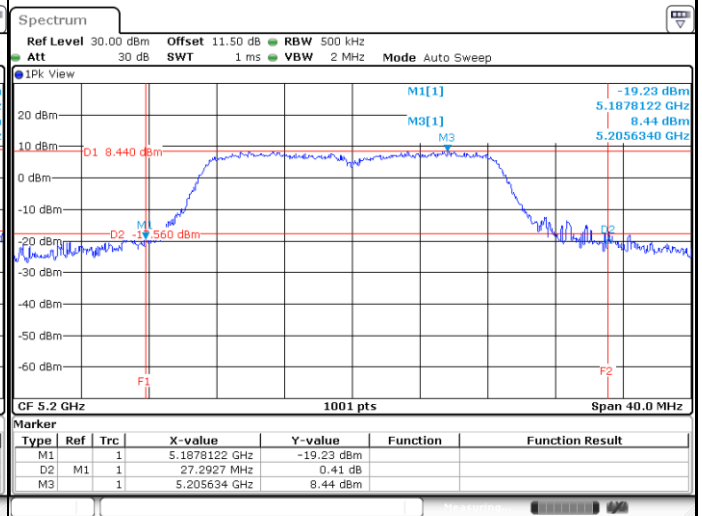
802.11ac VHT20

Channel	Frequency (MHz)	26 dB Bandwidth (MHz)
36	5180	32.41
40	5200	27.29
48	5240	27.57
52	5260	33.05
60	5300	36.88
64	5320	37.28
100	5500	37.48
116	5580	36.04
140	5700	28.49
144	5720	22.50

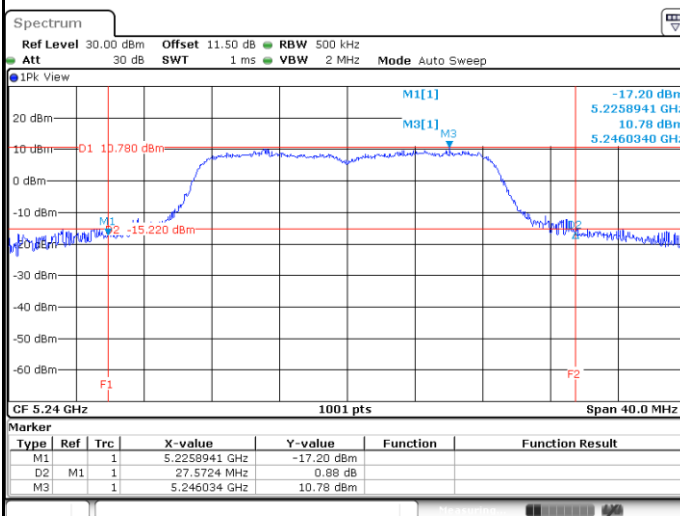
802.11ac VHT20-Channel 36

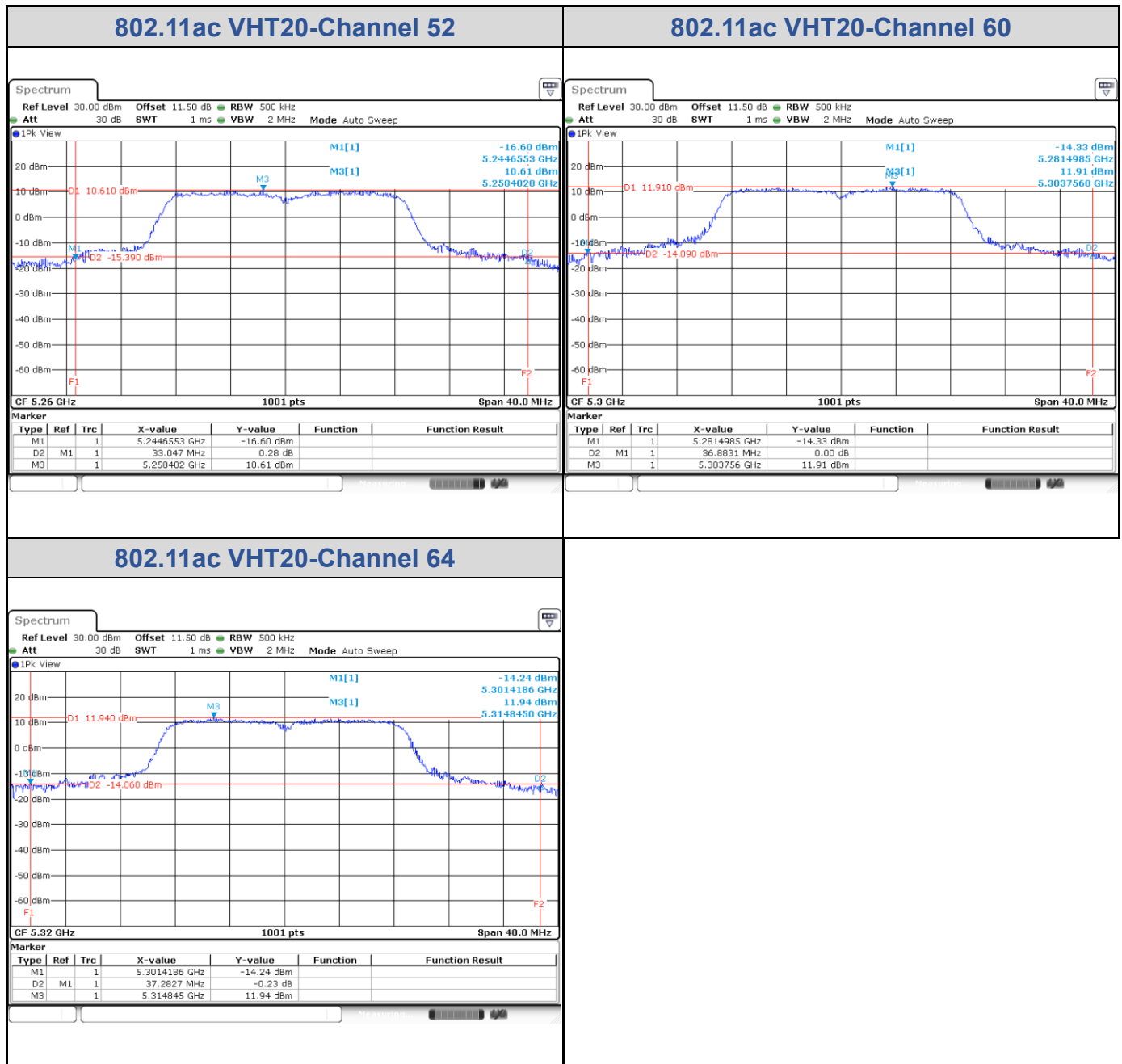


802.11ac VHT20-Channel 40

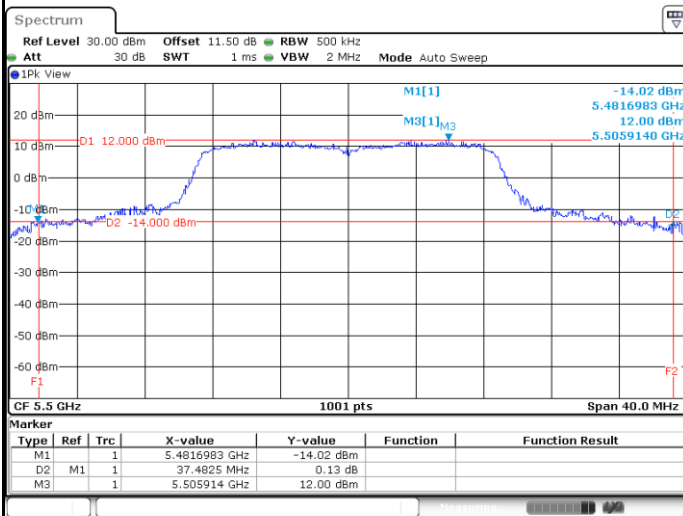


802.11ac VHT20-Channel 48

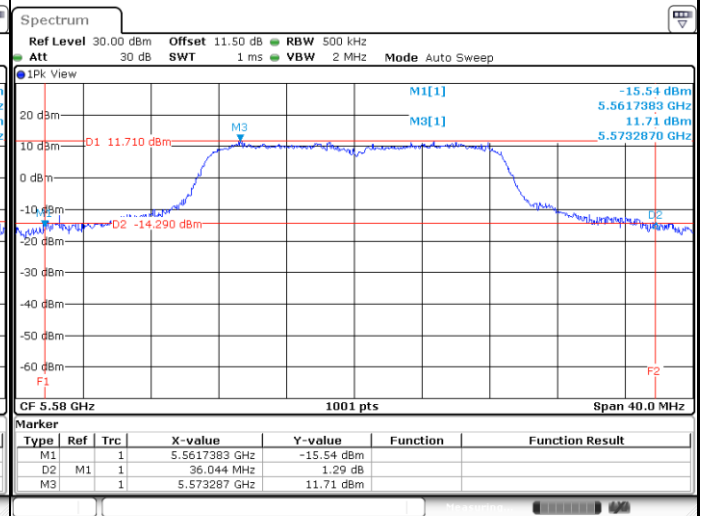




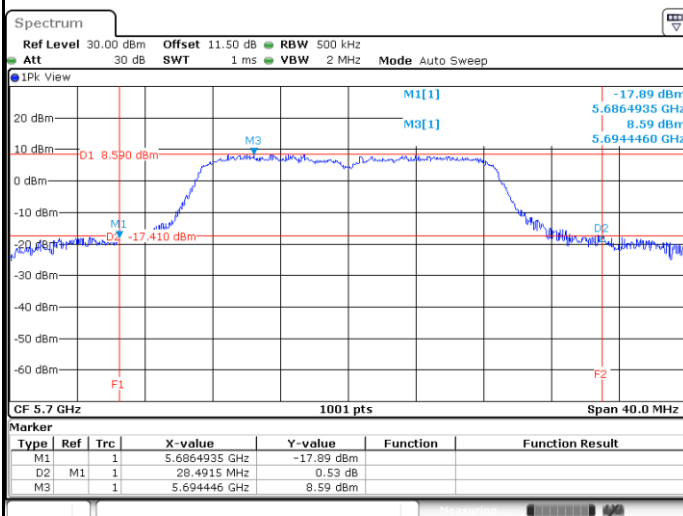
802.11ac VHT20-Channel 100



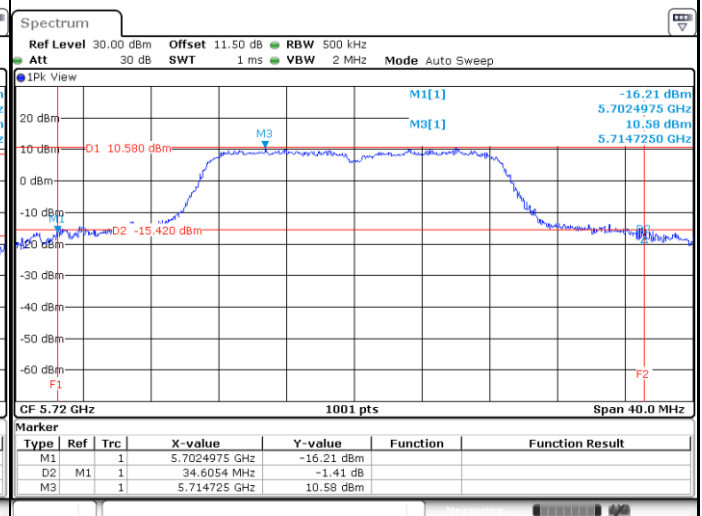
802.11ac VHT20-Channel 116



802.11ac VHT20-Channel 140

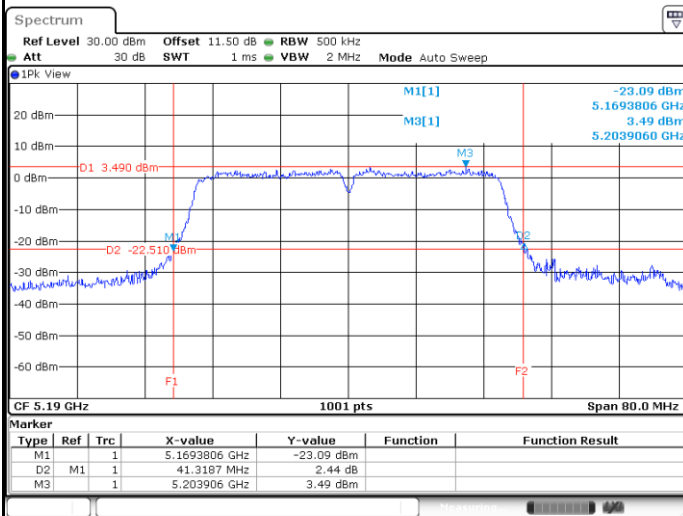
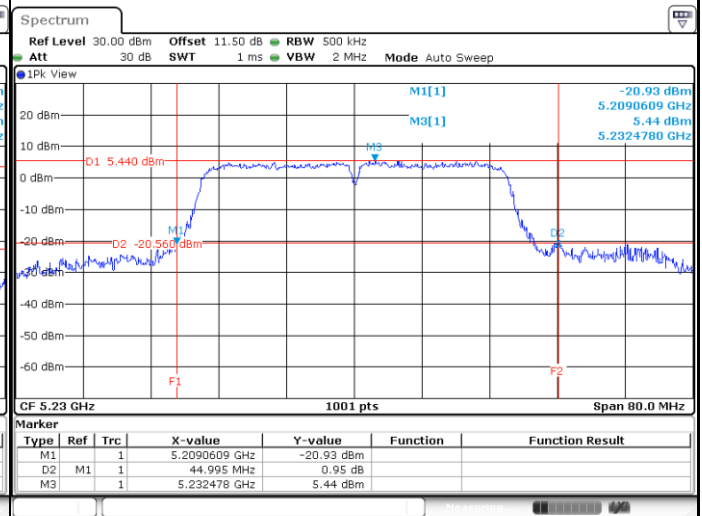
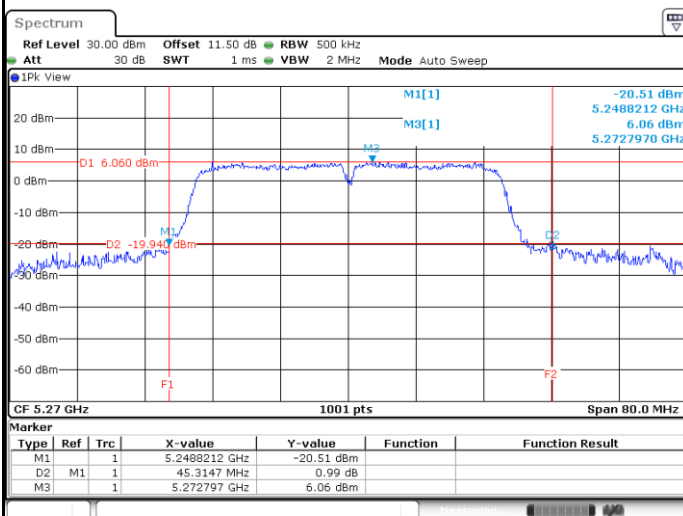
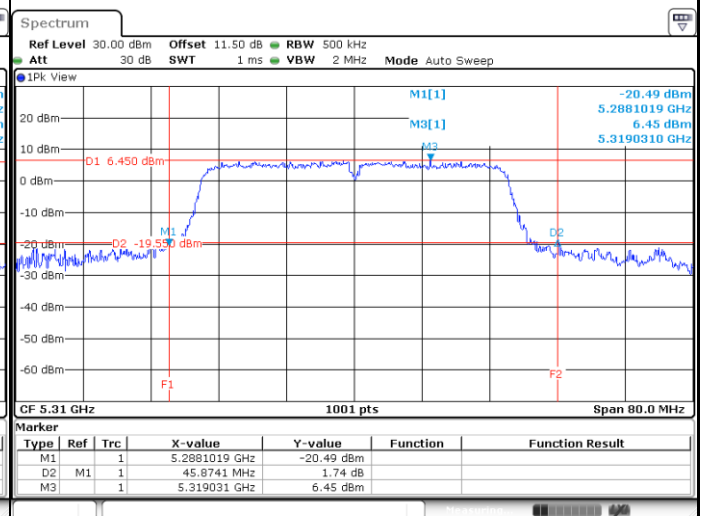


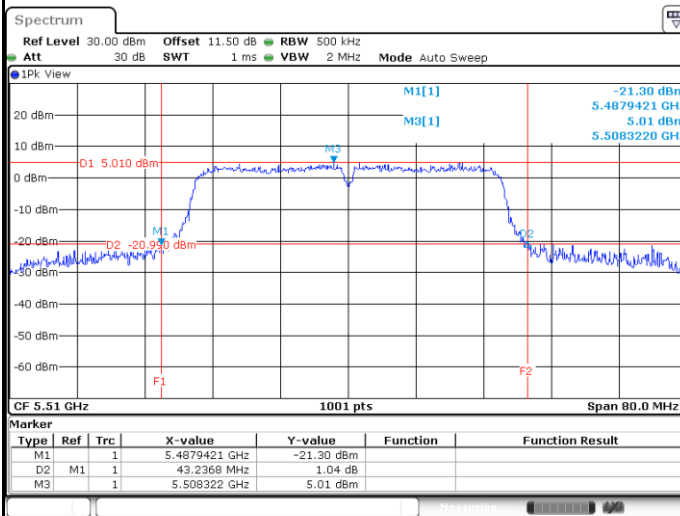
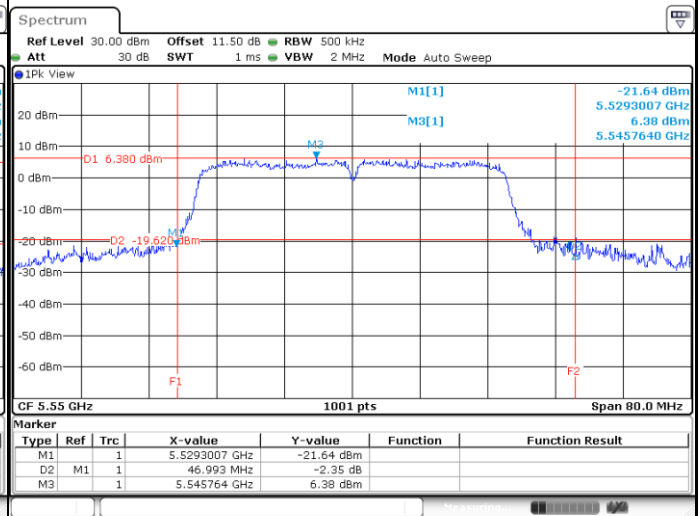
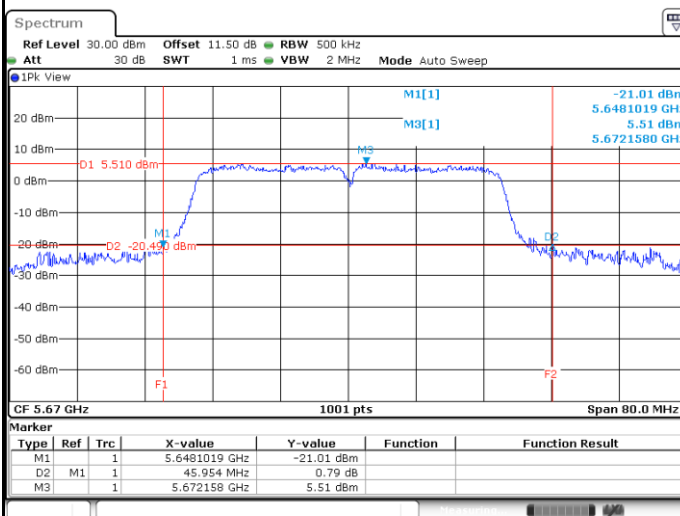
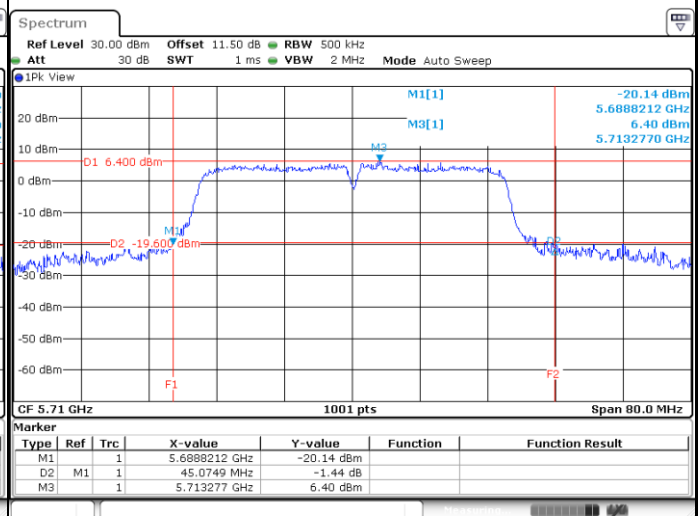
802.11ac VHT20-Channel 144



802.11ac VHT40

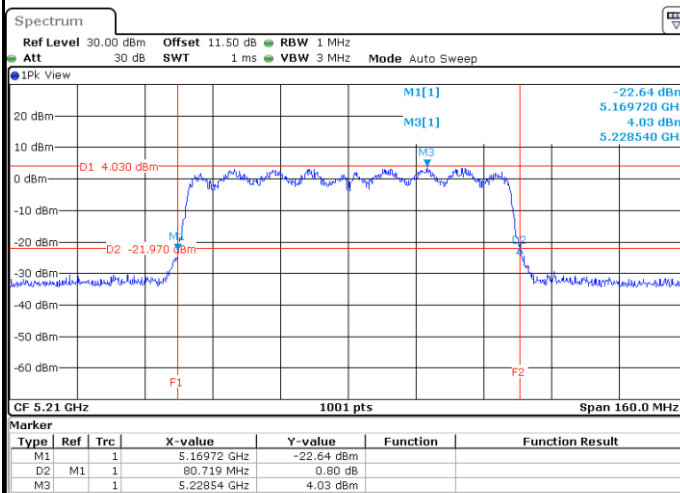
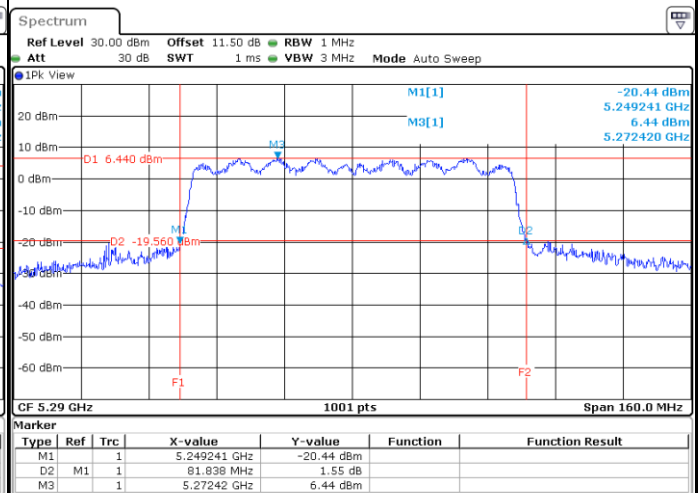
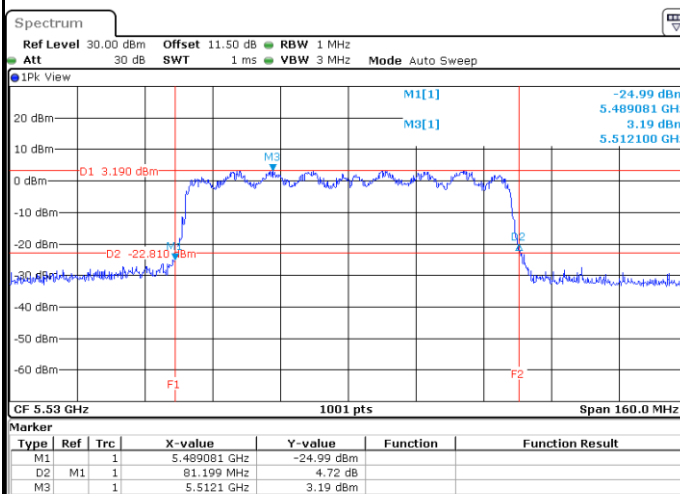
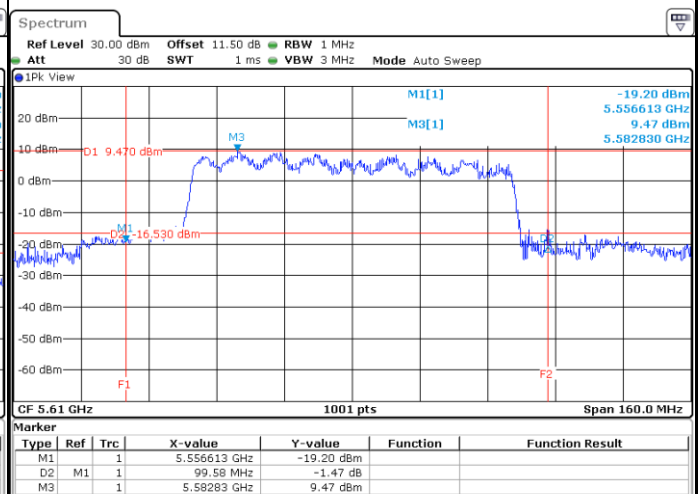
Channel	Frequency (MHz)	26 dB Bandwidth (MHz)
38	5190	41.32
46	5230	45.00
54	5270	45.31
62	5310	45.87
102	5510	43.24
110	5500	46.99
134	5670	45.95
142	5710	36.18

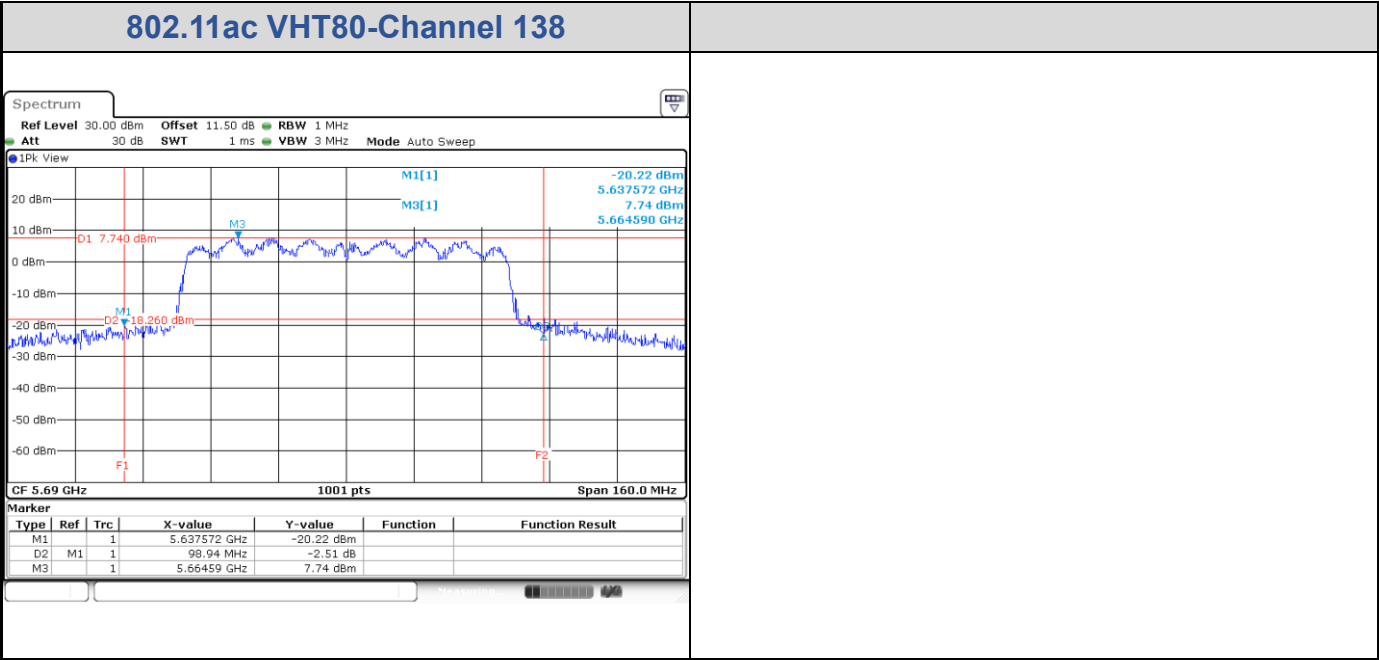
802.11ac VHT40-Channel 38

802.11ac VHT40-Channel 46

802.11ac VHT40-Channel 54

802.11ac VHT40-Channel 62


802.11ac VHT40-Channel 102

802.11ac VHT40-Channel 110

802.11ac VHT40-Channel 134

802.11ac VHT40-Channel 142


802.11ac VHT80

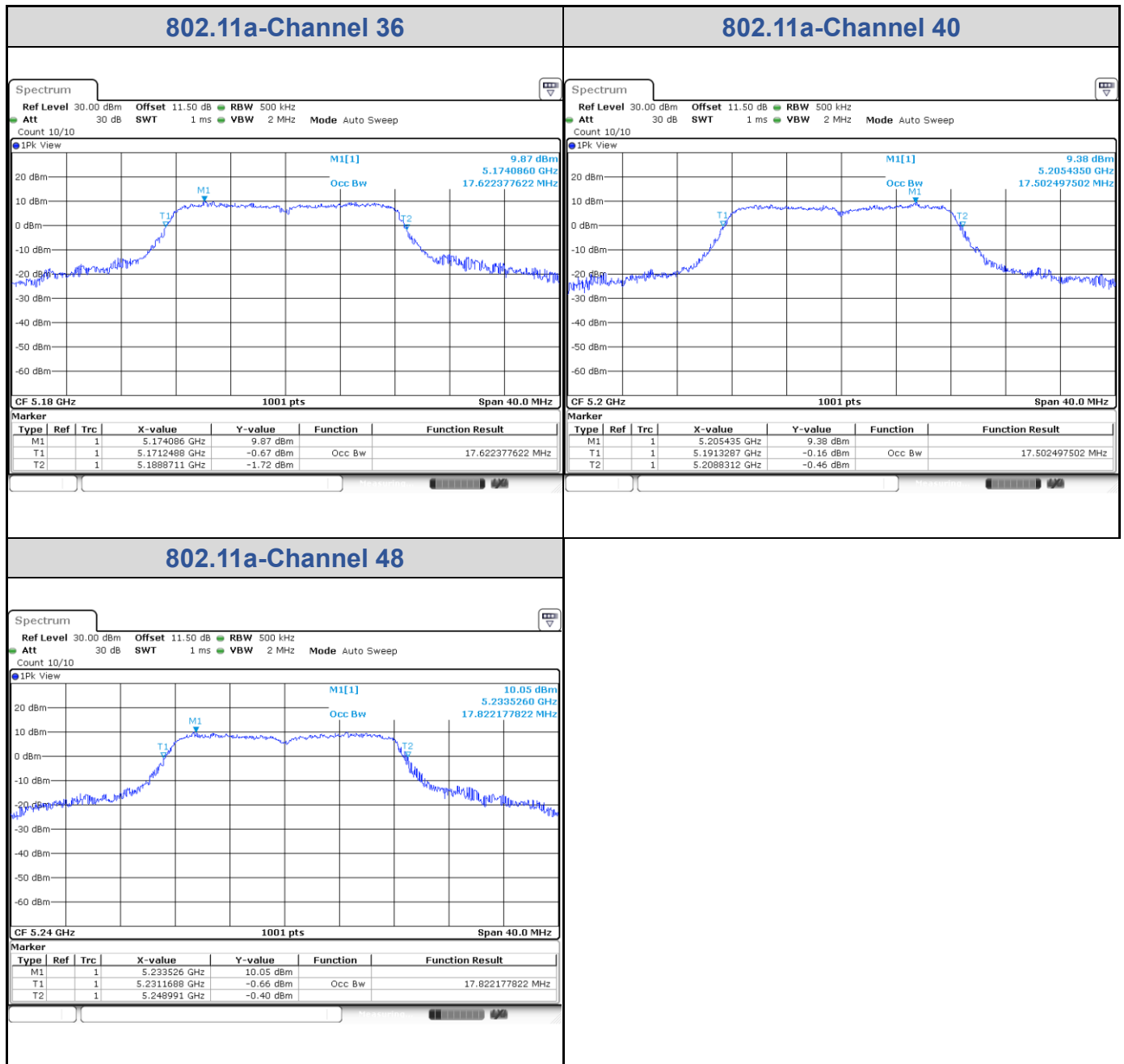
Channel	Frequency (MHz)	26 dB Bandwidth (MHz)
42	5210	80.72
58	5290	81.84
106	5530	81.20
122	5610	99.58
138	5690	87.43

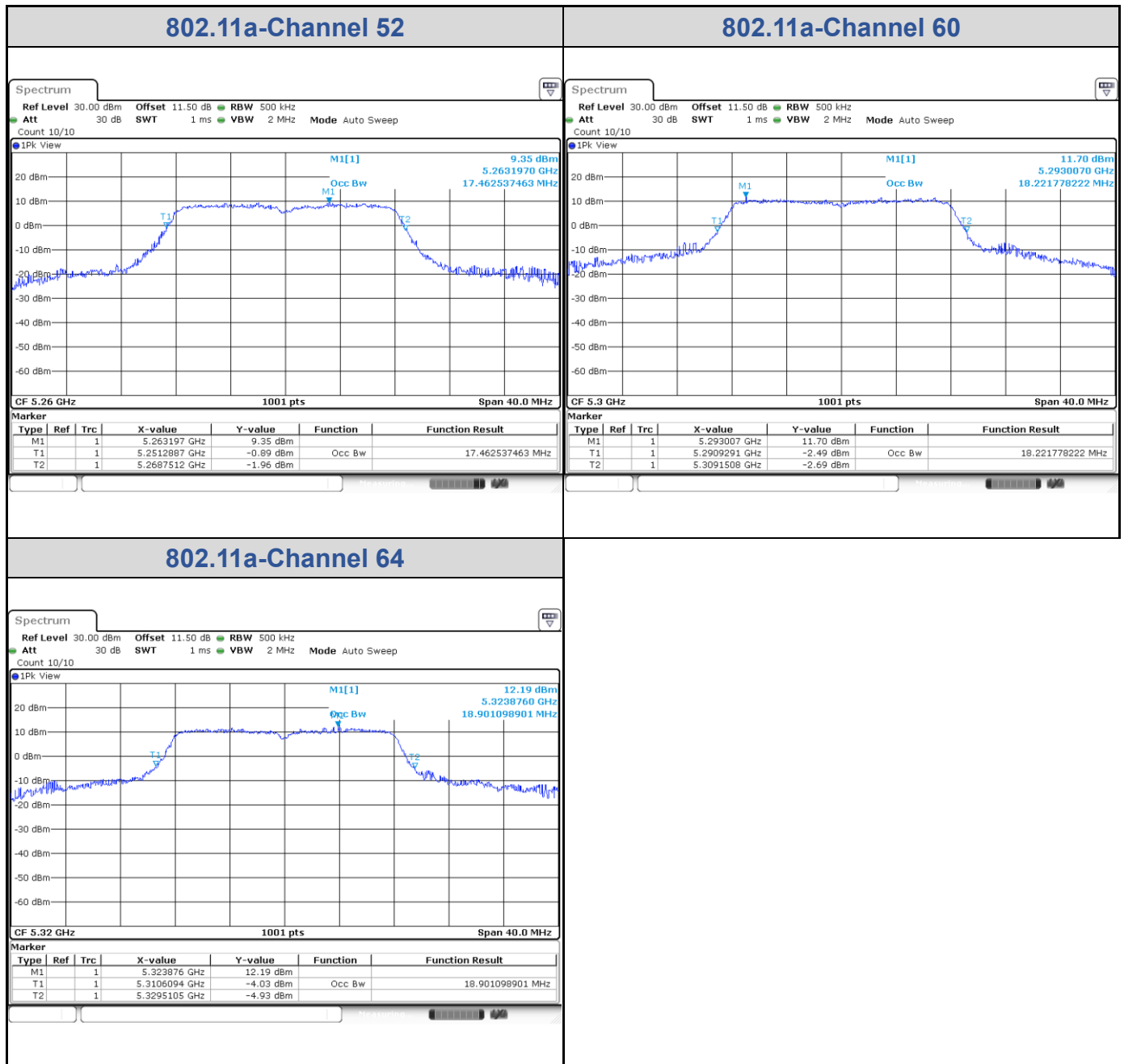
802.11ac VHT80-Channel 42

802.11ac VHT80-Channel 58

802.11ac VHT80-Channel 106

802.11ac VHT80-Channel 122




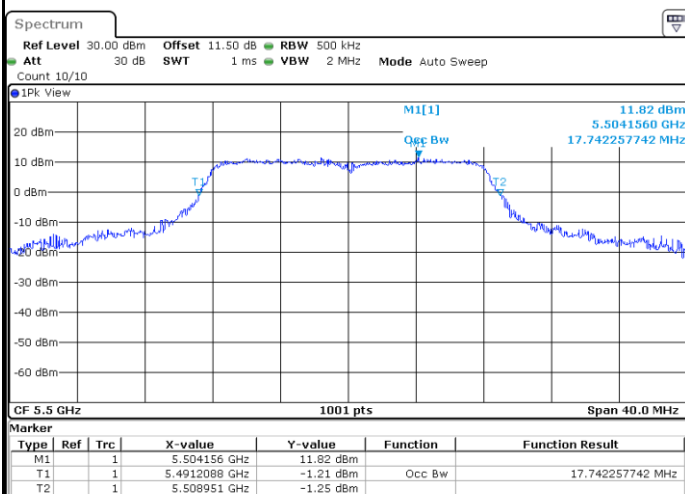
Test Result of 99% Occupied Bandwidth**802.11a**

Channel	Frequency (MHz)	99% Bandwidth (MHz)
36	5180	17.62
40	5200	17.50
48	5240	17.82
52	5260	17.46
60	5300	18.22
64	5320	18.90
100	5500	17.74
116	5580	17.82
140	5700	17.30
144	5720	13.87
144	5720	4.03
149	5745	18.66
157	5785	19.06
165	5825	18.66

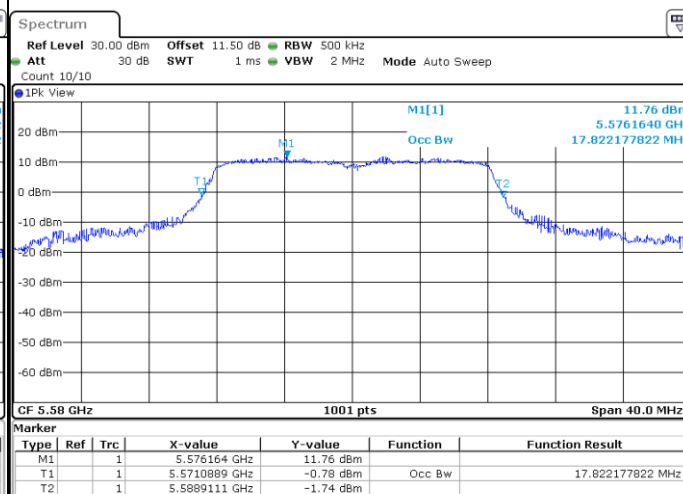




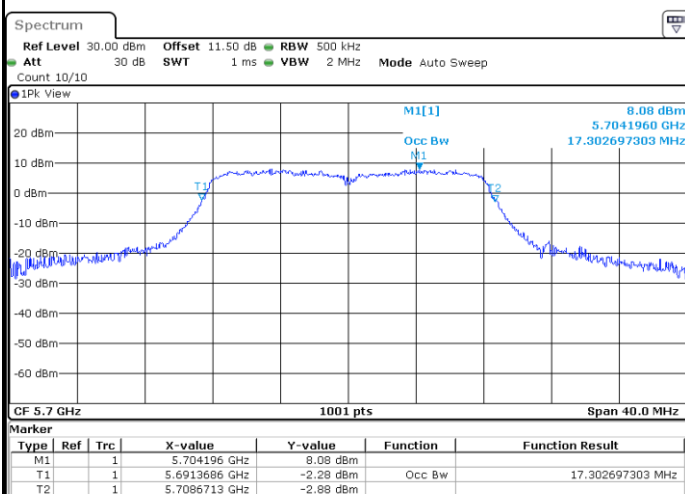
802.11a-Channel 100



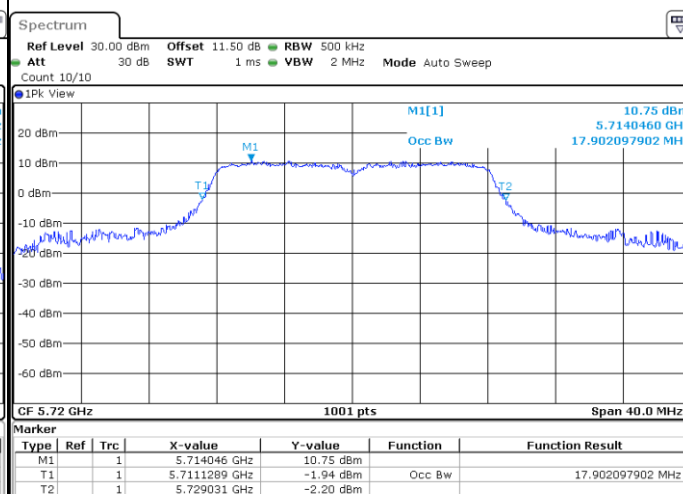
802.11a-Channel 116

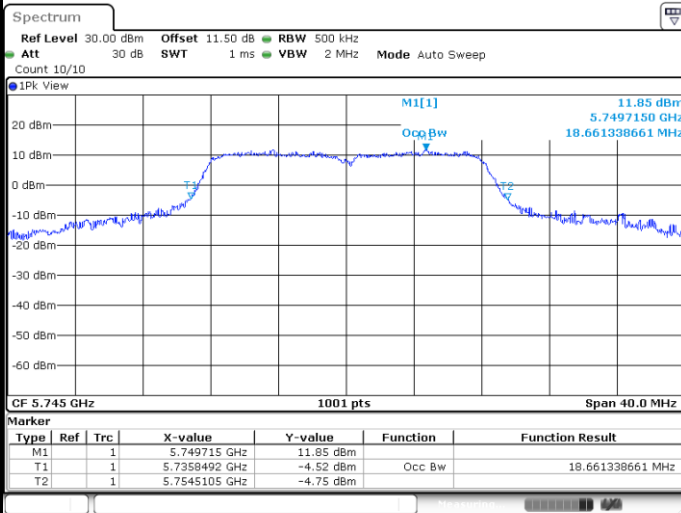
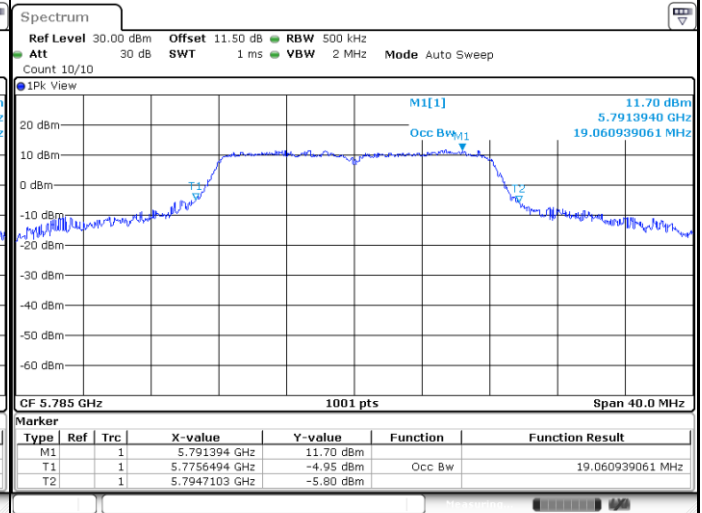
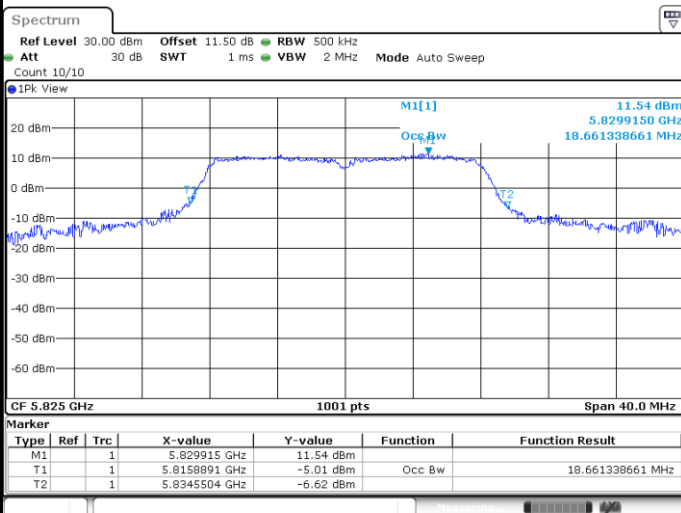


802.11a-Channel 140



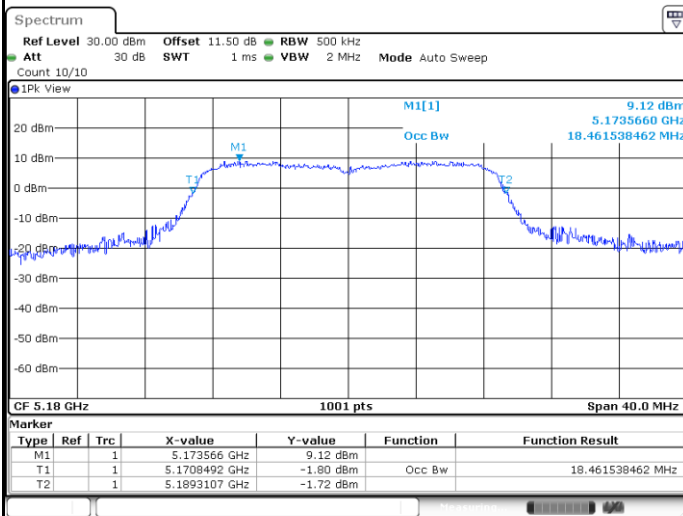
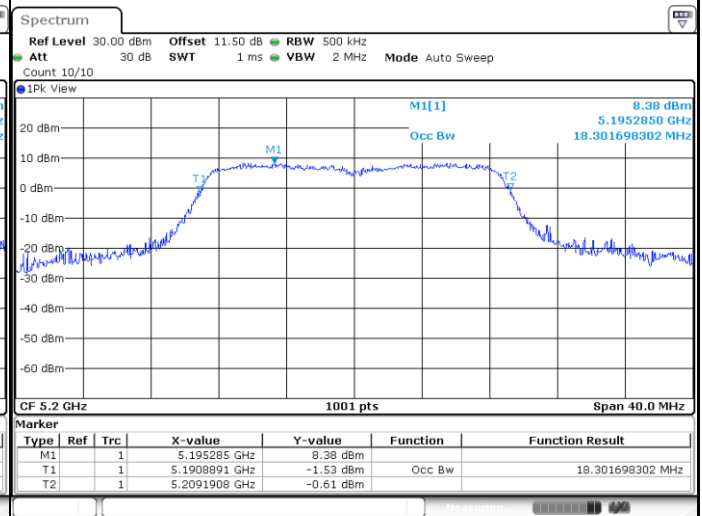
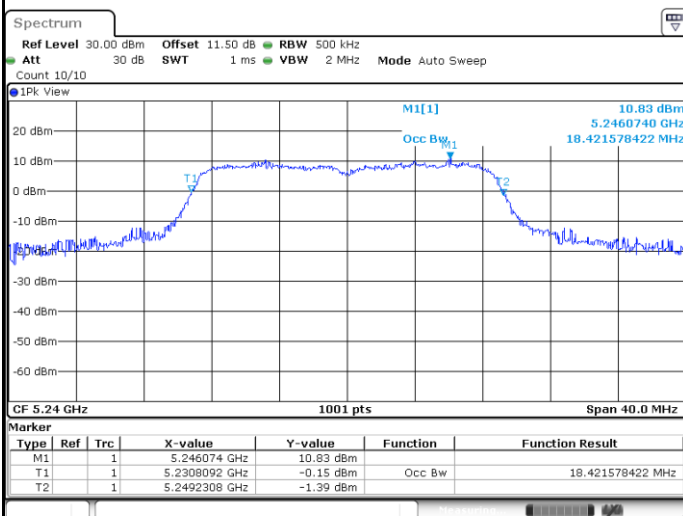
802.11a-Channel 144

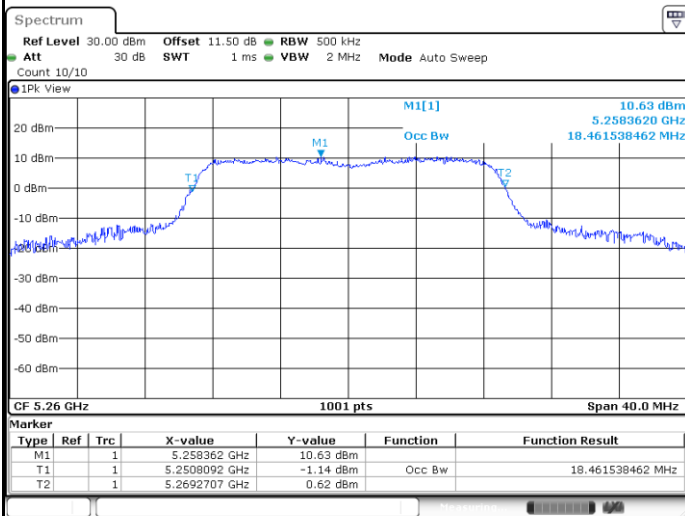
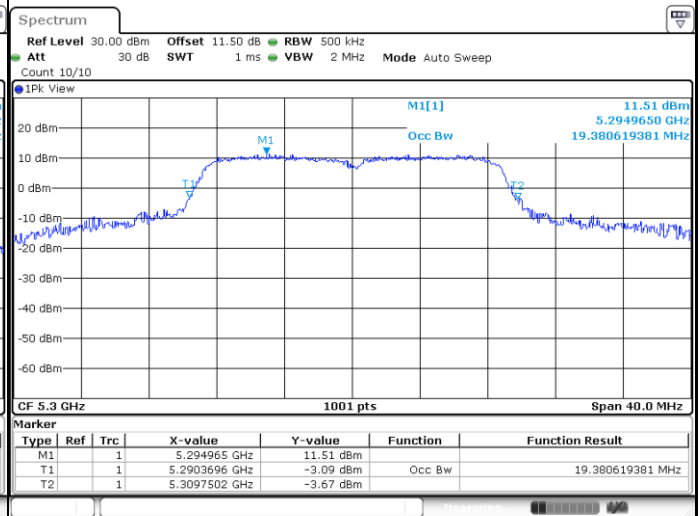
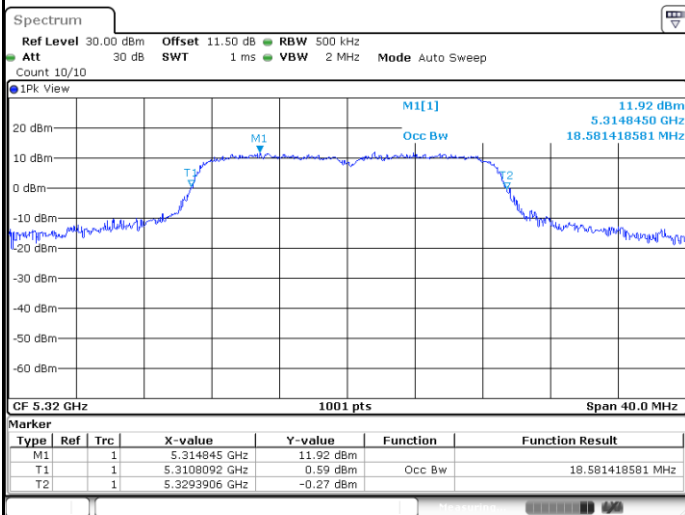


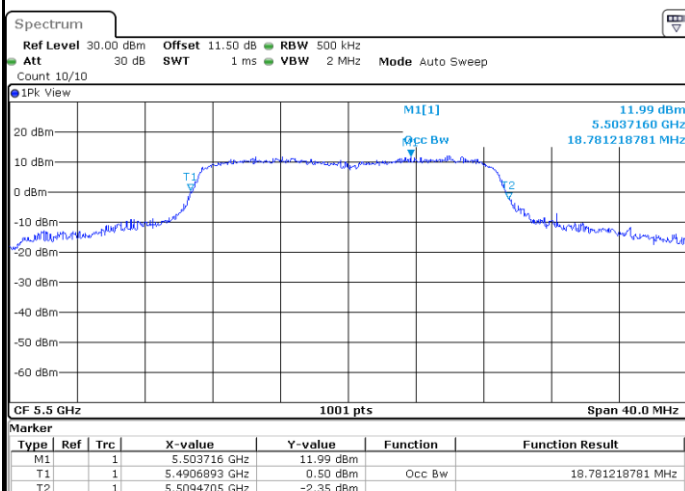
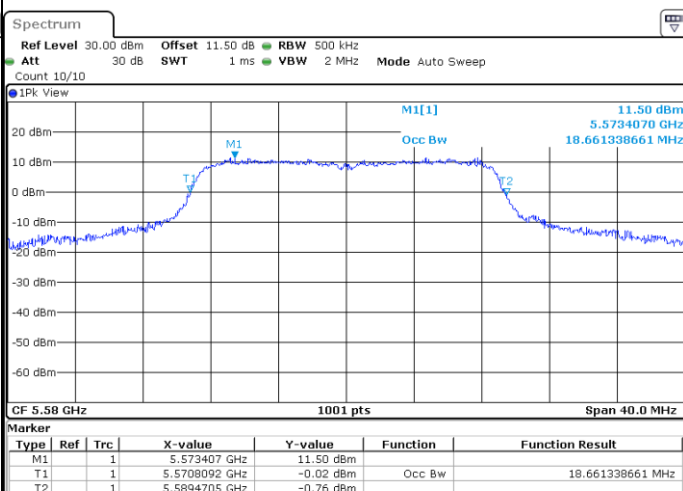
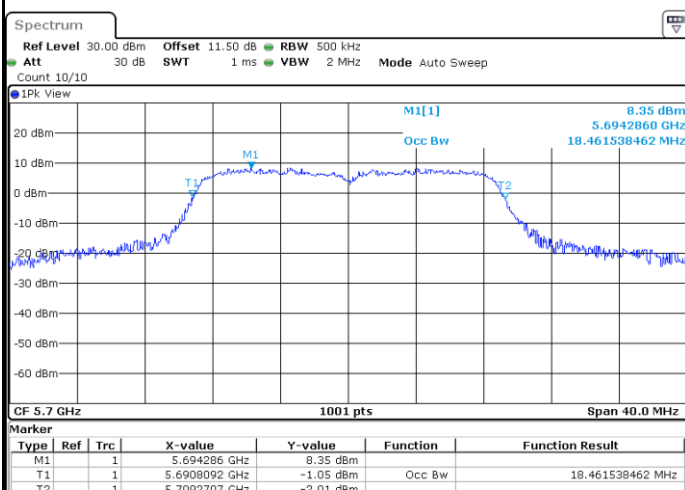
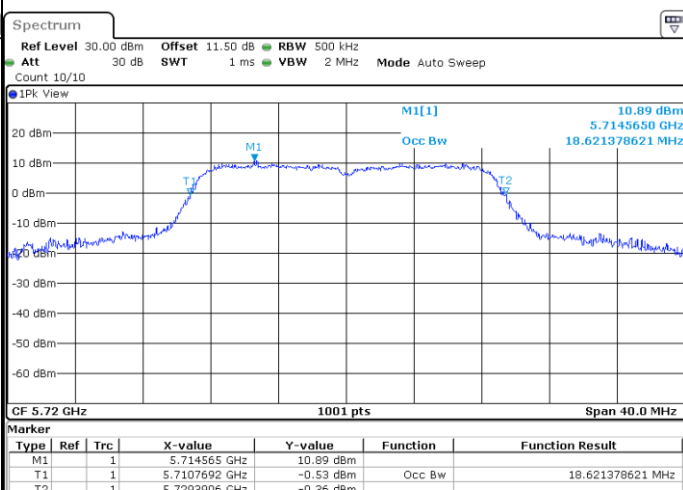
802.11a-Channel 149

802.11a-Channel 157

802.11a-Channel 165


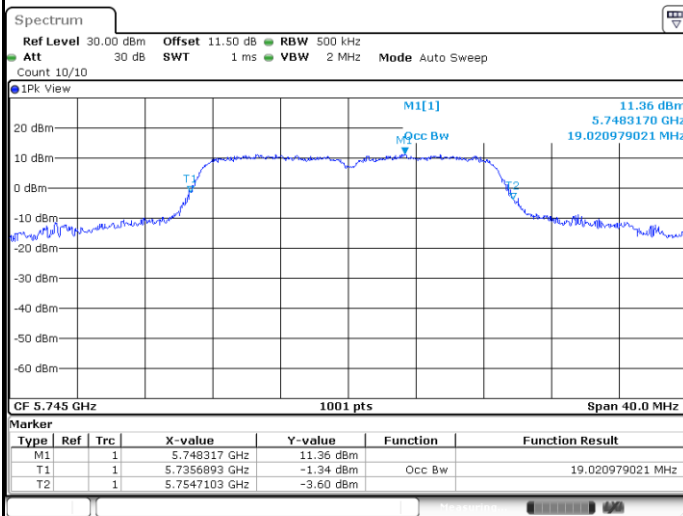
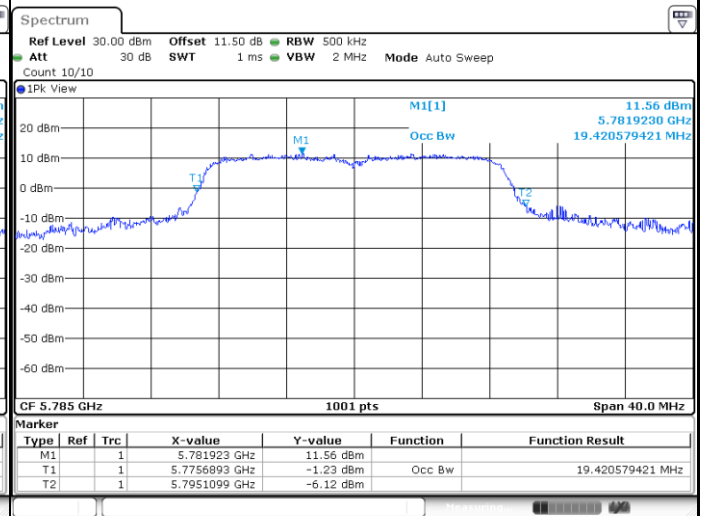
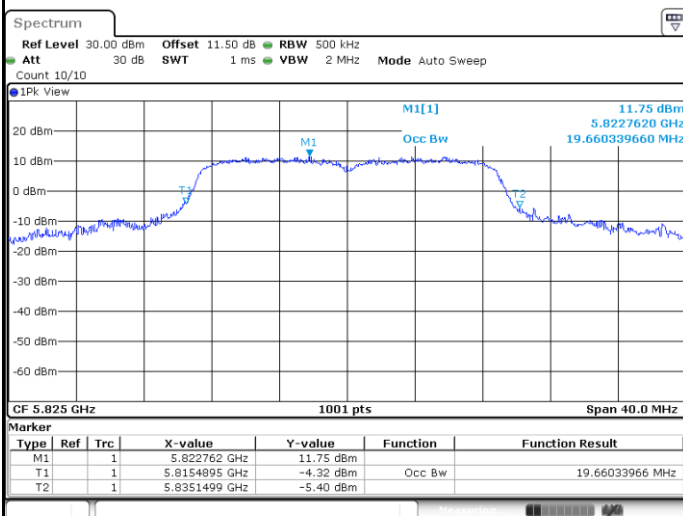
802.11ac VHT20

Channel	Frequency (MHz)	99% Bandwidth (MHz)
36	5180	18.46
40	5200	18.30
48	5240	18.42
52	5260	18.46
60	5300	19.38
64	5320	18.58
100	5500	18.78
116	5580	18.66
140	5700	18.46
144	5720	14.23
144	5720	4.39
149	5745	19.02
157	5785	19.42
165	5825	19.66

802.11ac VHT20-Channel 36

802.11ac VHT20-Channel 40

802.11ac VHT20-Channel 48


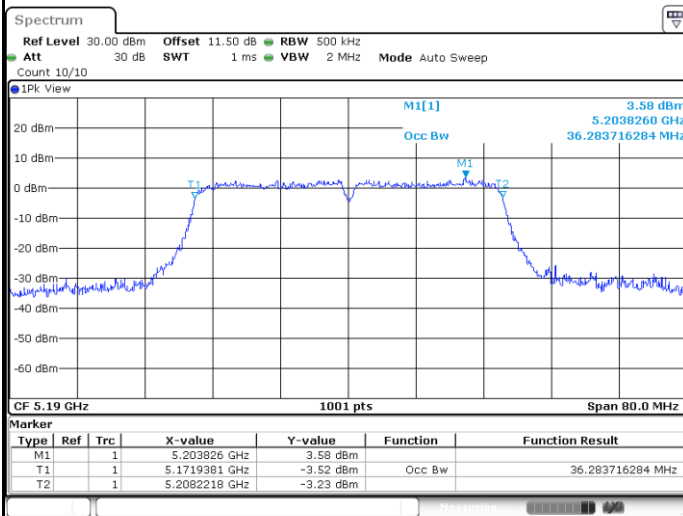
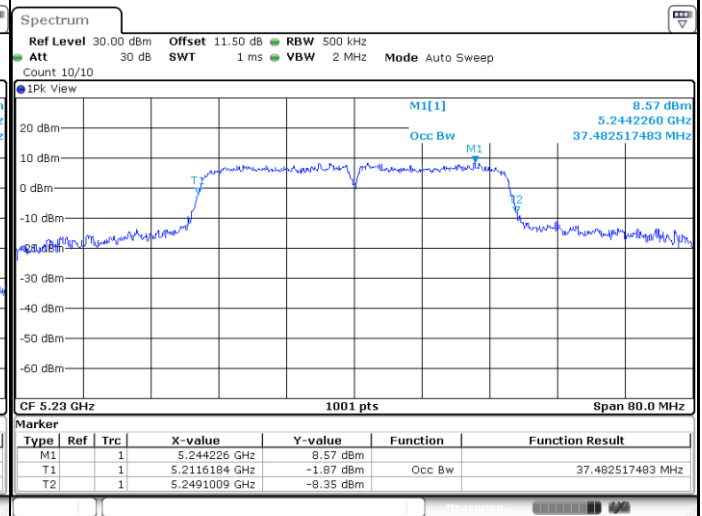
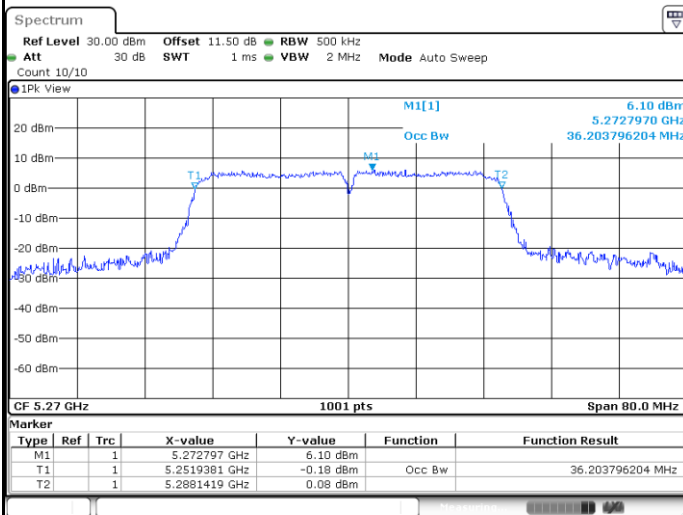
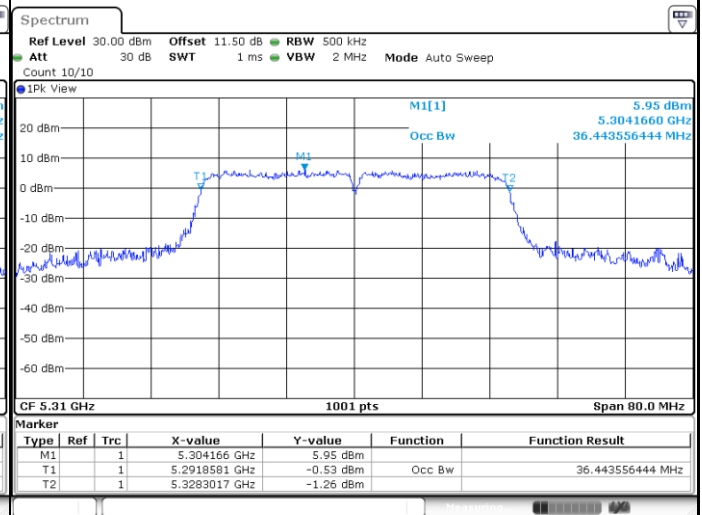
802.11ac VHT20-Channel 52

802.11ac VHT20-Channel 60

802.11ac VHT20-Channel 64


802.11ac VHT20-Channel 100

802.11ac VHT20-Channel 116

802.11ac VHT20-Channel 140

802.11ac VHT20-Channel 144


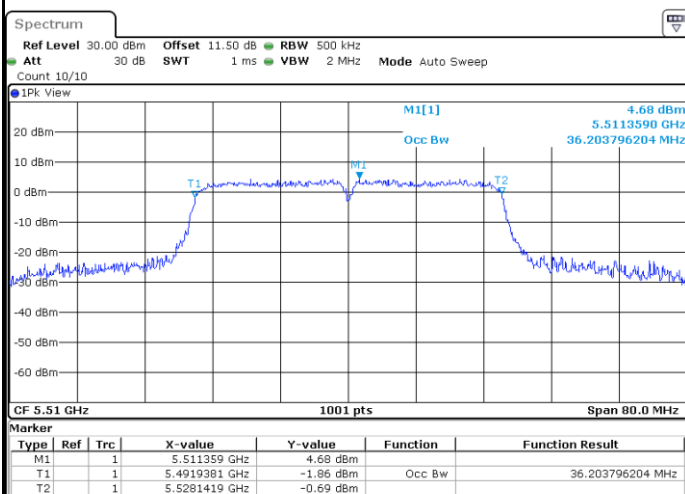
802.11ac VHT20-Channel 149

802.11ac VHT20-Channel 157

802.11ac VHT20-Channel 165


802.11ac VHT40

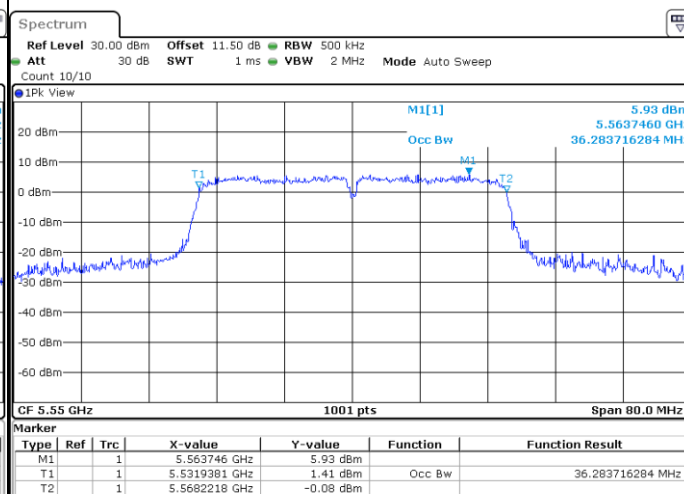
Channel	Frequency (MHz)	99% Bandwidth (MHz)
38	5190	36.28
46	5230	37.48
54	5270	36.20
62	5310	36.44
102	5510	36.20
110	5550	36.28
134	5670	36.28
142	5710	33.06
142	5710	3.14
151	5755	37.80
159	5795	37.88

802.11ac VHT40-Channel 38

802.11ac VHT40-Channel 46

802.11ac VHT40-Channel 54

802.11ac VHT40-Channel 62


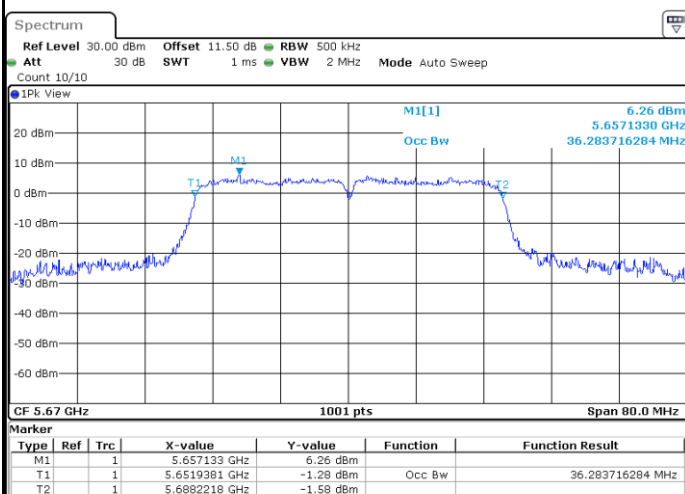
802.11ac VHT40-Channel 102



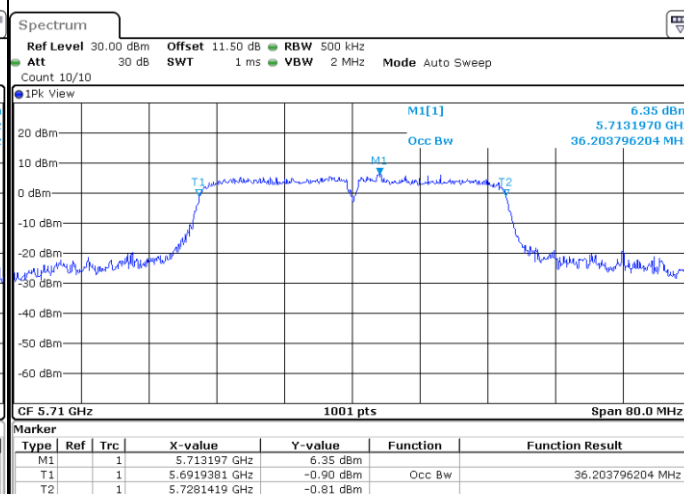
802.11ac VHT40-Channel 110

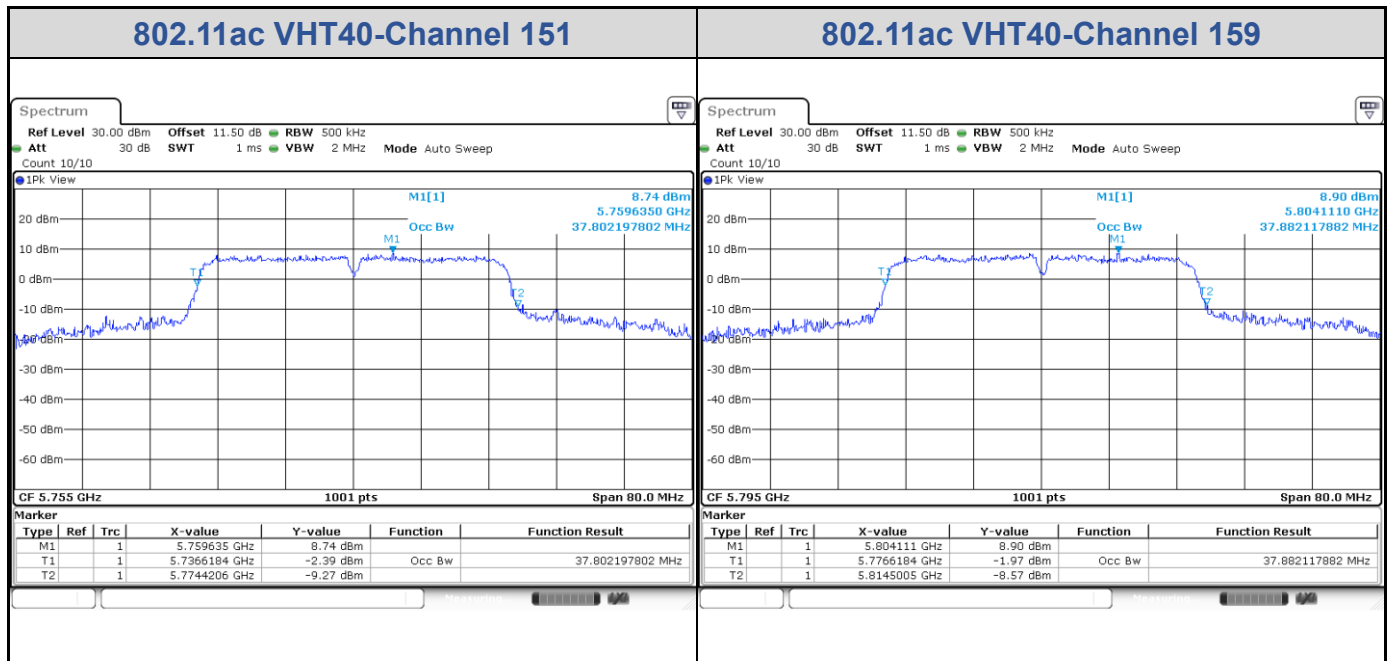


802.11ac VHT40-Channel 134



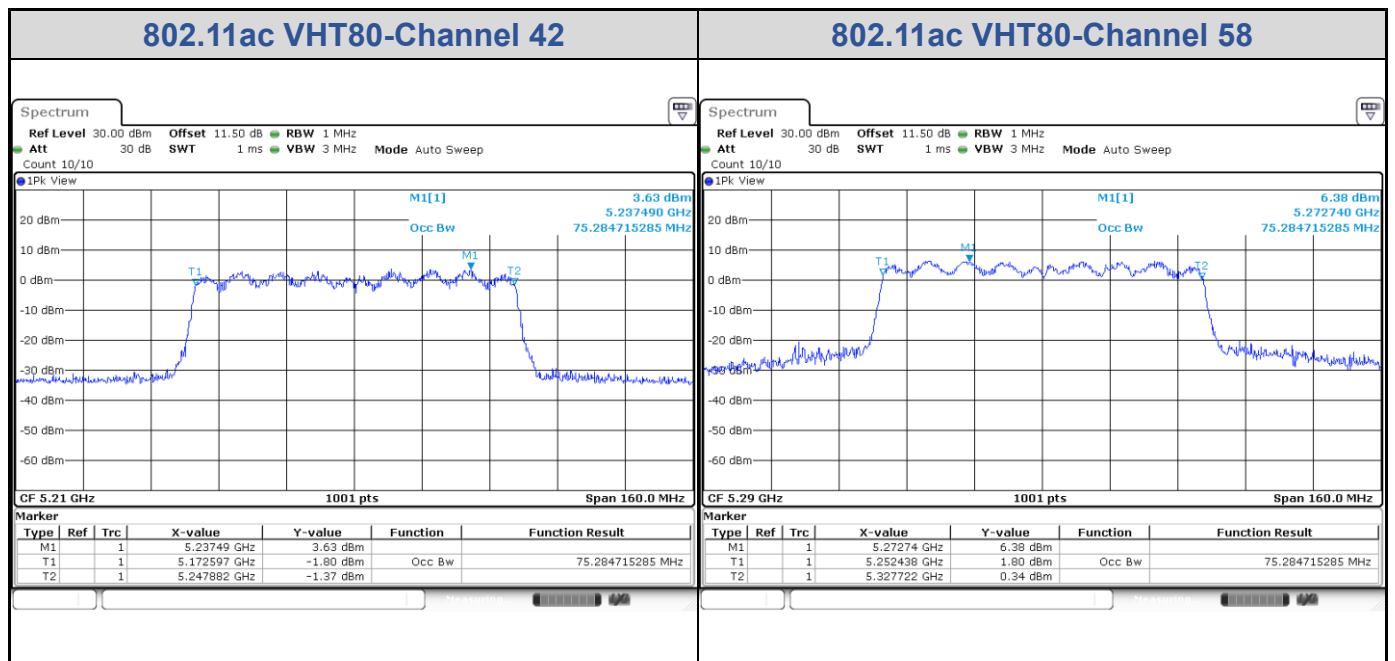
802.11ac VHT40-Channel 142

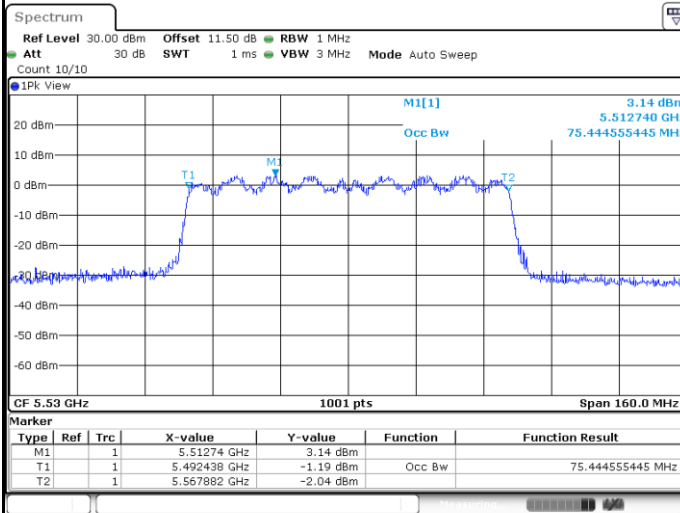
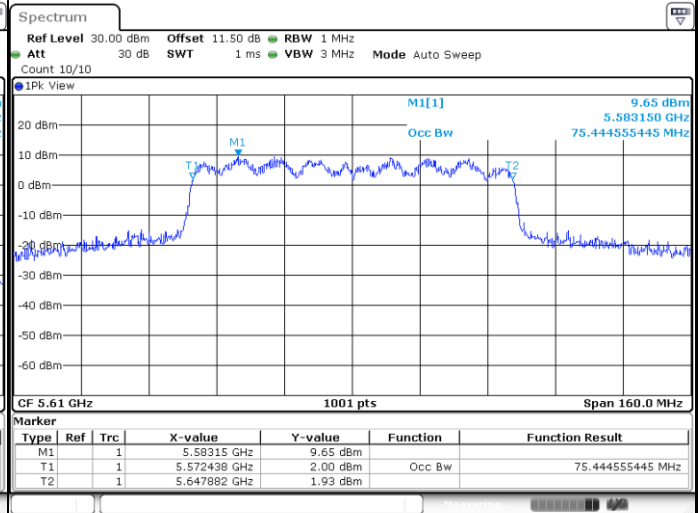
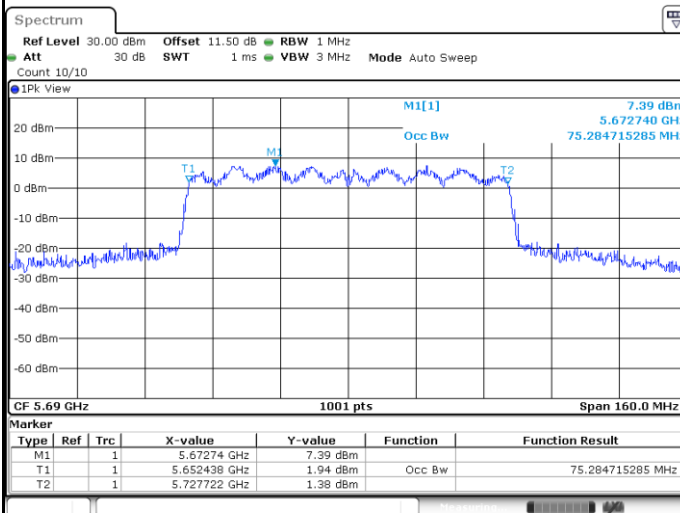
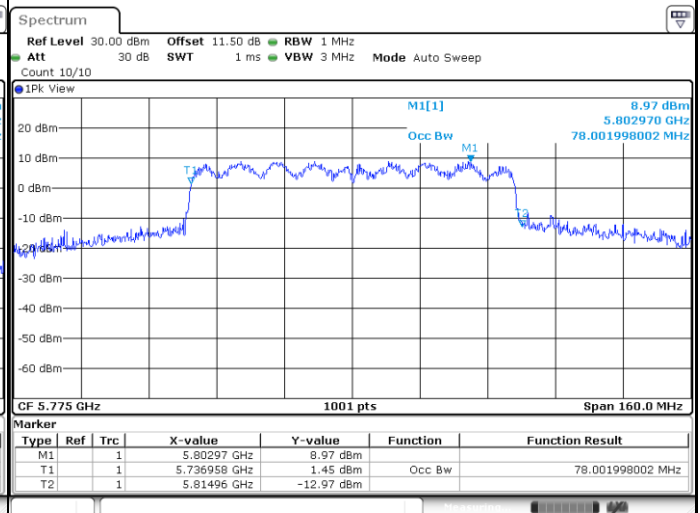




802.11ac VHT80

Channel	Frequency (MHz)	99% Bandwidth (MHz)
42	5210	75.28
58	5290	75.28
106	5530	75.44
122	5610	75.44
138	5690	72.56
138	5690	2.72
155	5775	78.00

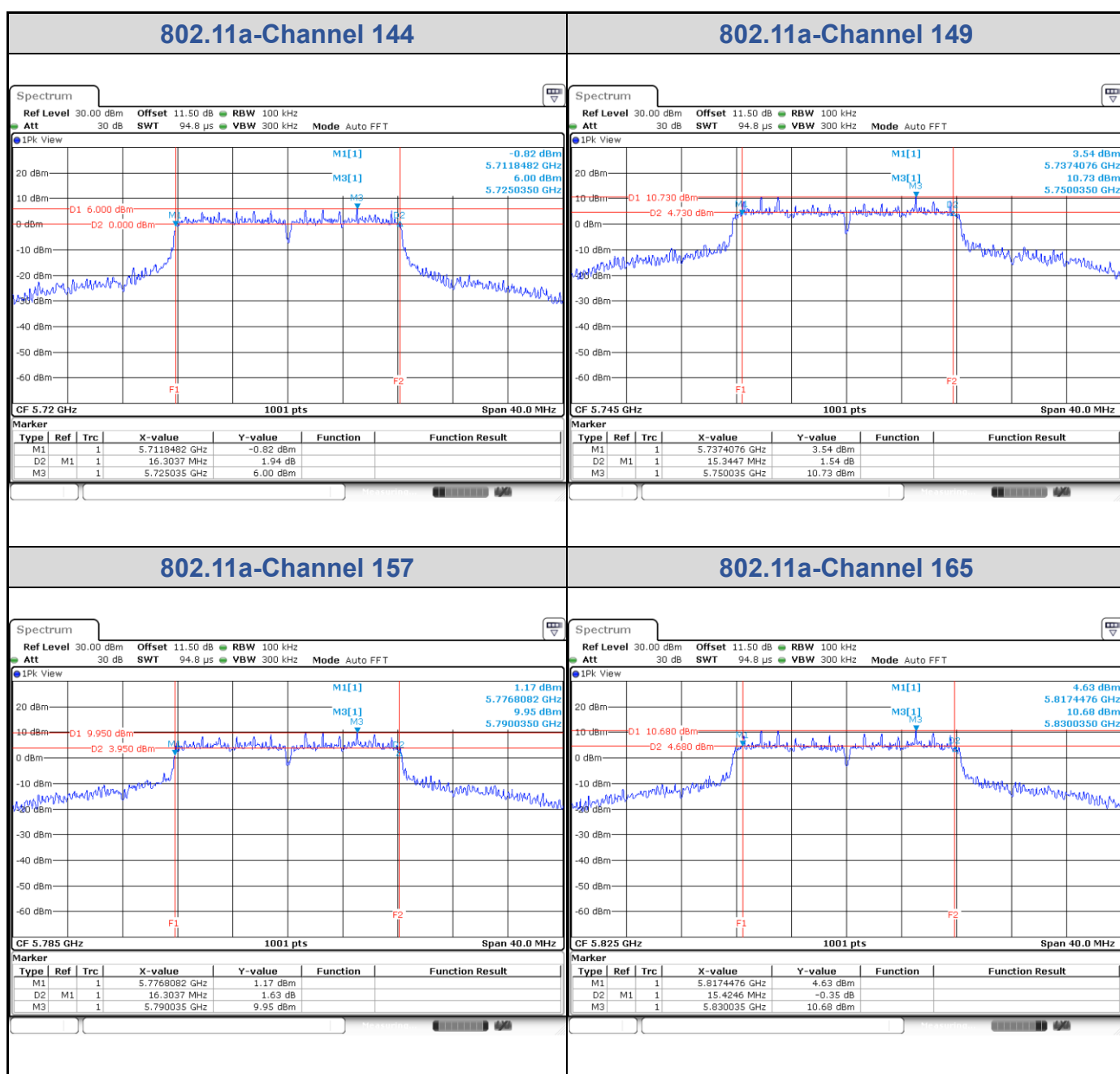


802.11ac VHT80-Channel 106

802.11ac VHT80-Channel 122

802.11ac VHT80-Channel 138

802.11ac VHT80-Channel 155


Test Result of 6 dB Bandwidth

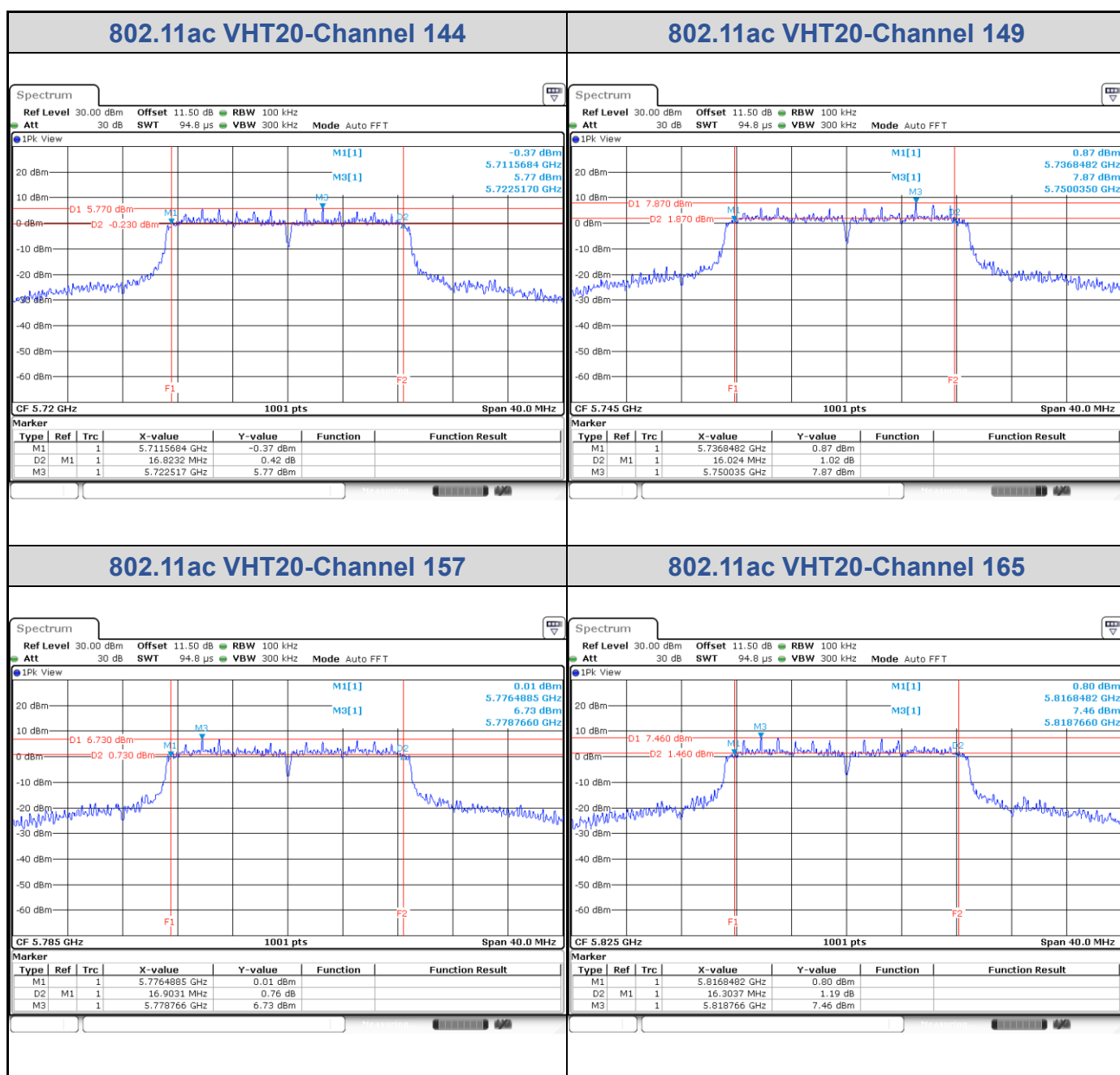
802.11a

Channel	Frequency (MHz)	6 dB Bandwidth (MHz)	Limit (MHz)	Result
144	5720	3.15	> 0.5	Pass
149	5745	15.34	> 0.5	Pass
157	5785	16.30	> 0.5	Pass
165	5825	15.42	> 0.5	Pass



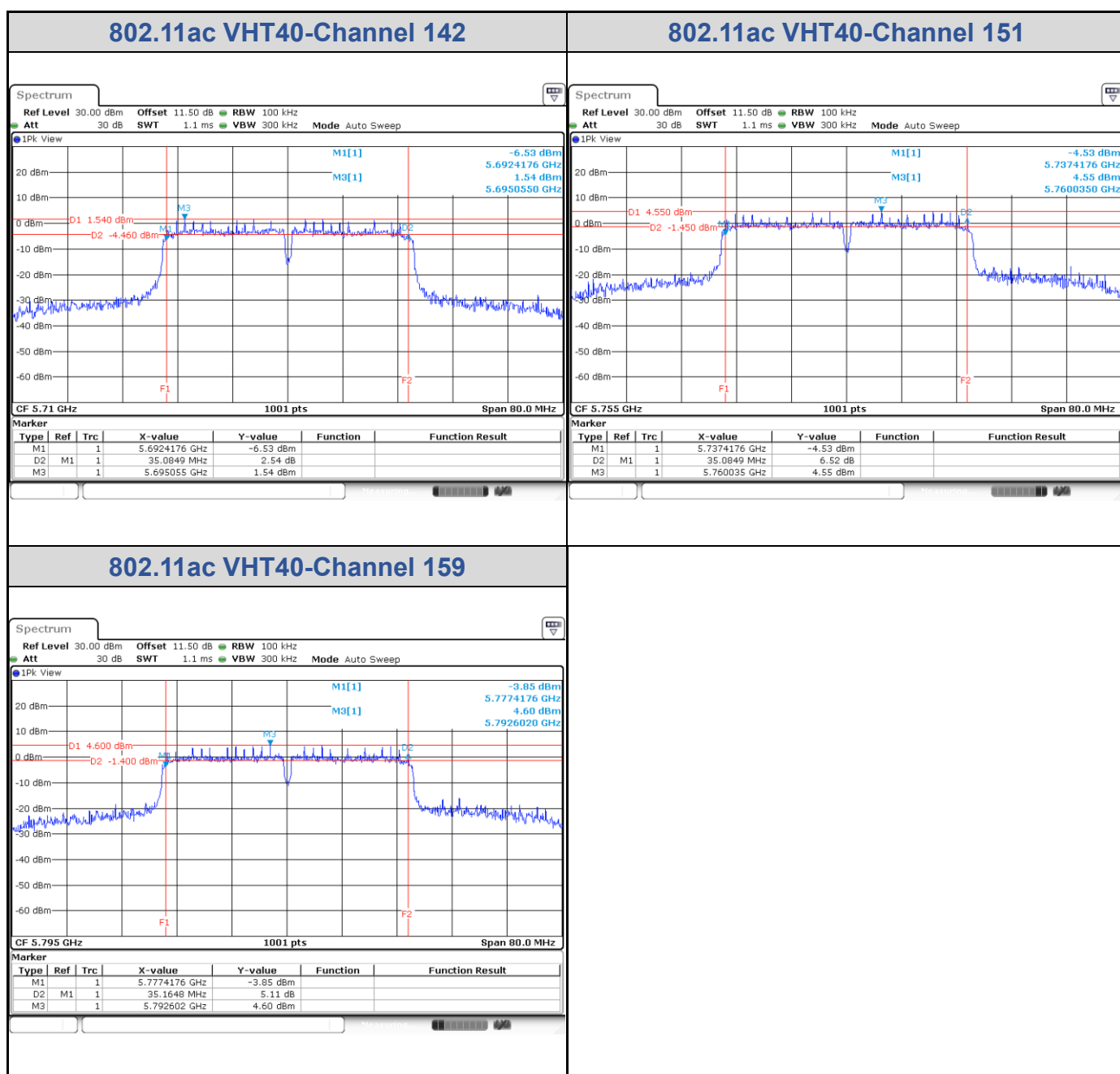
802.11ac VHT20

Channel	Frequency (MHz)	6 dB Bandwidth (MHz)	Limit (MHz)	Result
144	5720	3.39	> 0.5	Pass
149	5745	16.02	> 0.5	Pass
157	5785	16.90	> 0.5	Pass
165	5825	16.30	> 0.5	Pass



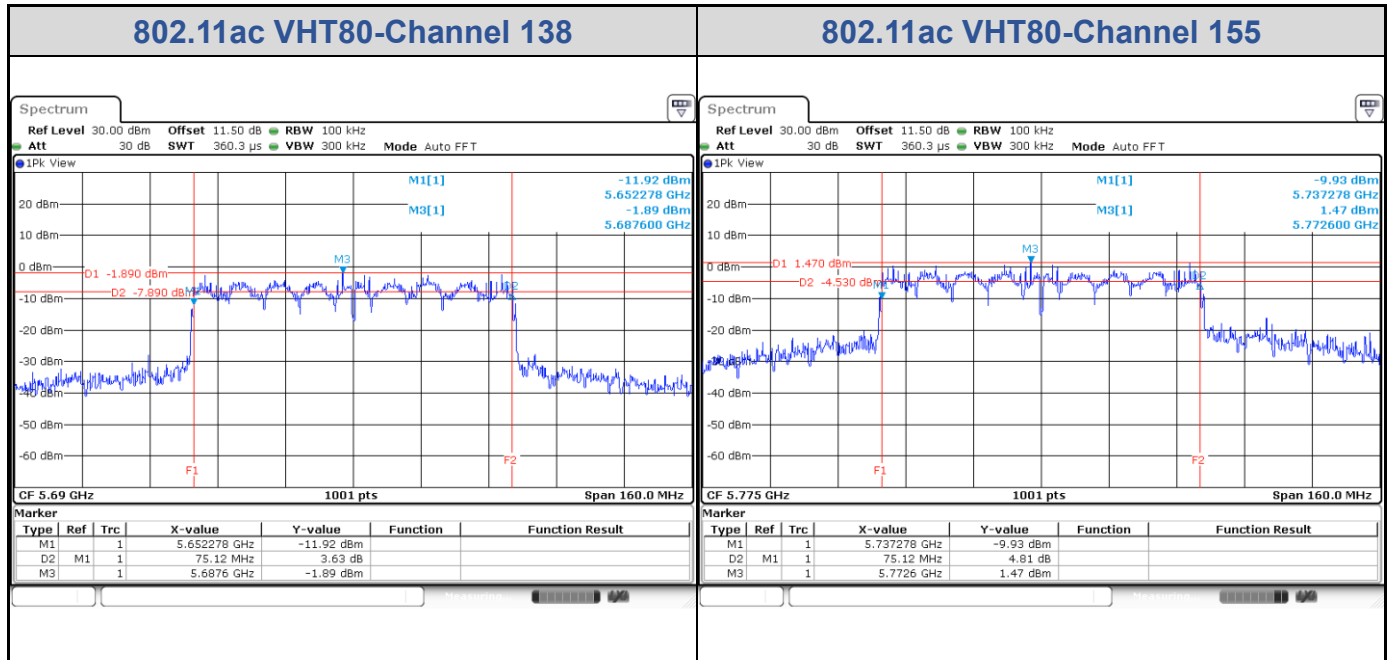
802.11ac VHT40

Channel	Frequency (MHz)	6 dB Bandwidth (MHz)	Limit (MHz)	Result
142	5710	2.50	> 0.5	Pass
151	5755	35.08	> 0.5	Pass
159	5795	35.16	> 0.5	Pass



802.11ac VHT80

Channel	Frequency (MHz)	6 dB Bandwidth (MHz)	Limit (MHz)	Result
138	5690	2.40	> 0.5	Pass
155	5775	75.12	> 0.5	Pass

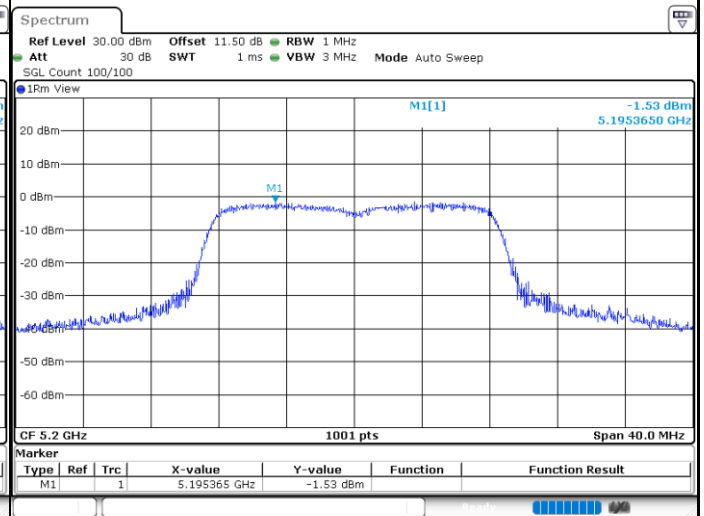
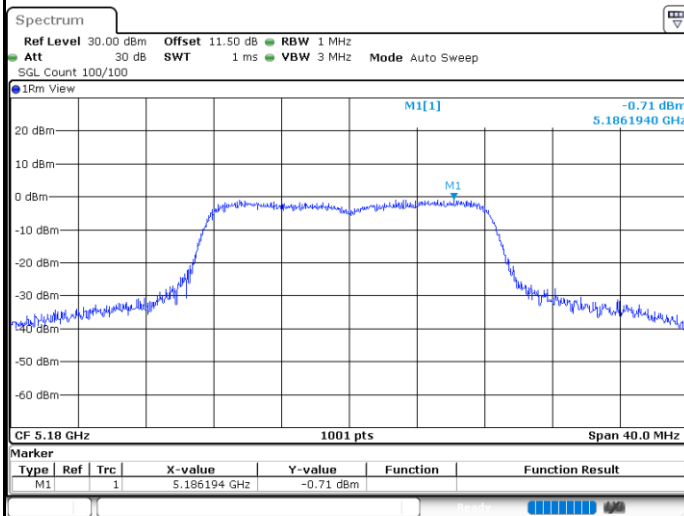


Test Result of Power Spectral Density

802.11a

Channel	Frequency (MHz)	PSD without Duty Factor (dBm/MHz)	Total PSD with Duty Factor (dBm/MHz)	Maximum Limit (dBm/MHz)	Pass / Fail
36	5180	-0.71	6.15	11.00	Pass
40	5200	-1.53	5.33	11.00	Pass
48	5240	-0.75	6.11	11.00	Pass
52	5260	-1.48	5.38	11.00	Pass
60	5300	0.81	7.67	11.00	Pass
64	5320	1.38	8.24	11.00	Pass
100	5500	1.15	8.01	11.00	Pass
116	5580	1.67	8.53	11.00	Pass
140	5700	-2.23	4.63	11.00	Pass
144	5720	3.08	9.94	11.00	Pass

Channel	Frequency (MHz)	PSD without Duty Factor (dBm/500kHz)	Total PSD with Duty Factor (dBm/500kHz)	Maximum Limit (dBm/500kHz)	Pass / Fail
144	5720	-0.33	6.53	30.00	Pass
149	5745	1.19	8.05	30.00	Pass
157	5785	1.16	8.02	30.00	Pass
165	5825	0.95	7.81	30.00	Pass

802.11a-Channel 36
802.11a-Channel 40

802.11a-Channel 48
