

Appendix A: Test Results of Conducted Test

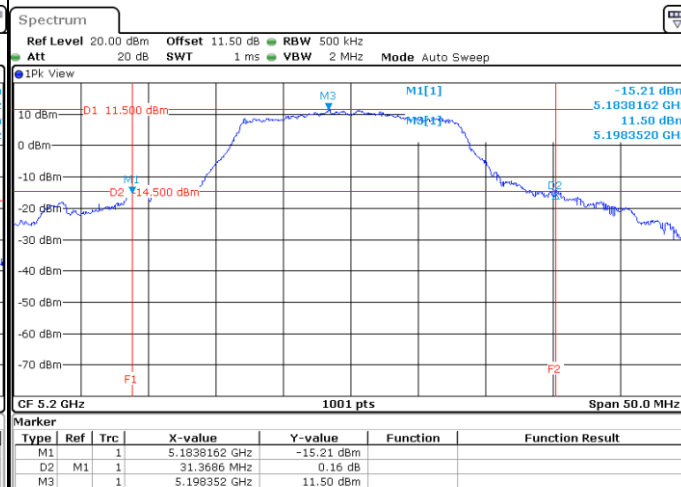
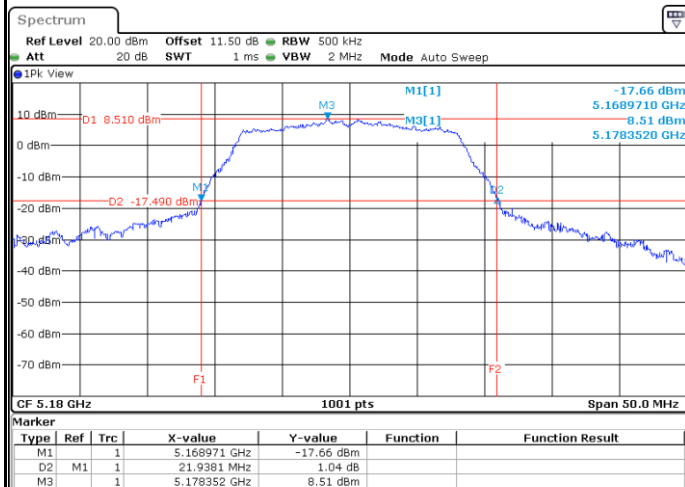
Test Result of 26 dB Bandwidth

802.11a

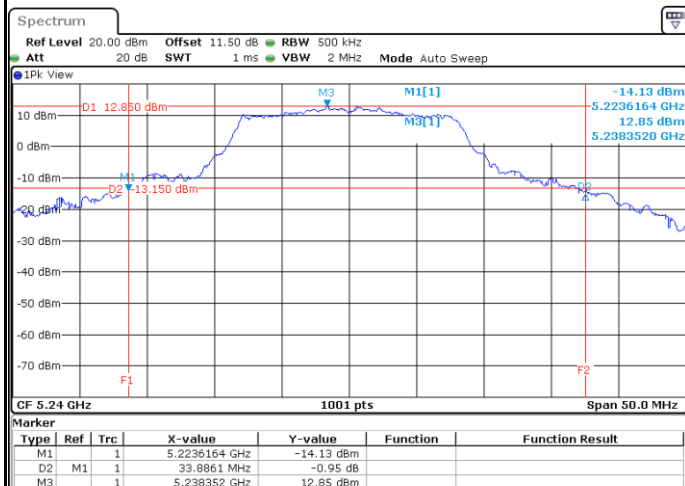
Band	Channel	Frequency (MHz)	26 dB Bandwidth (MHz)
U-NII-1	36	5180	21.94
	40	5200	31.37
	48	5240	33.89
U-NII-2A	52	5260	33.17
	60	5300	33.17
	64	5320	23.34
U-NII-2C	100	5500	21.90
	116	5580	33.33
	140	5700	21.94

11A-Channel 36

11A-Channel 40

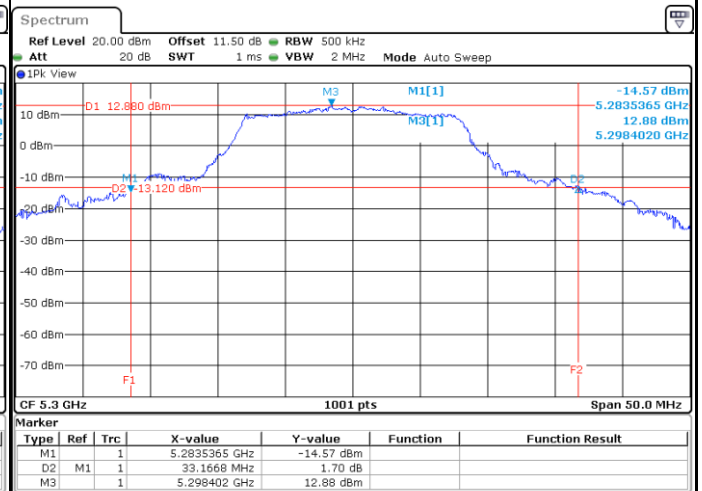
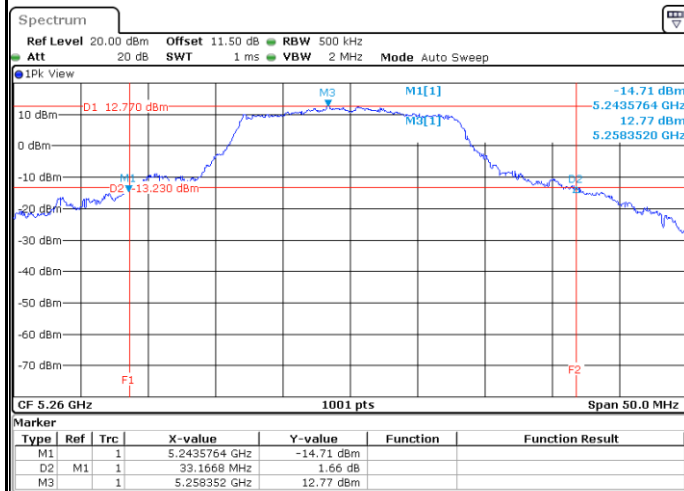


11A-Channel 48

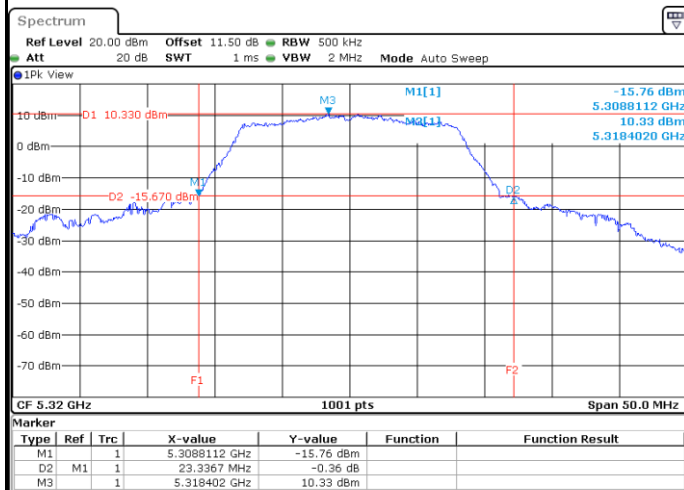


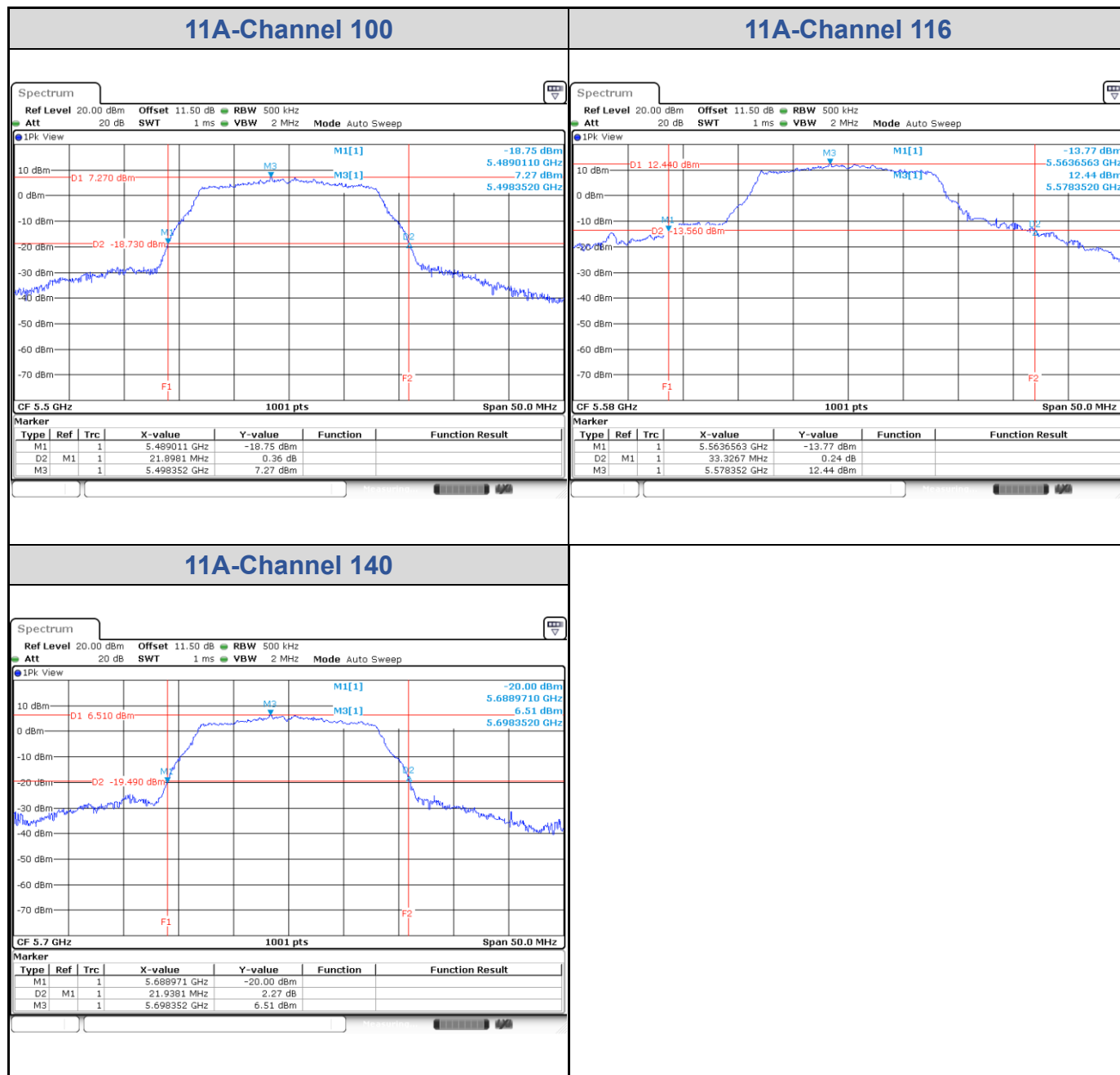
11A-Channel 52

11A-Channel 60



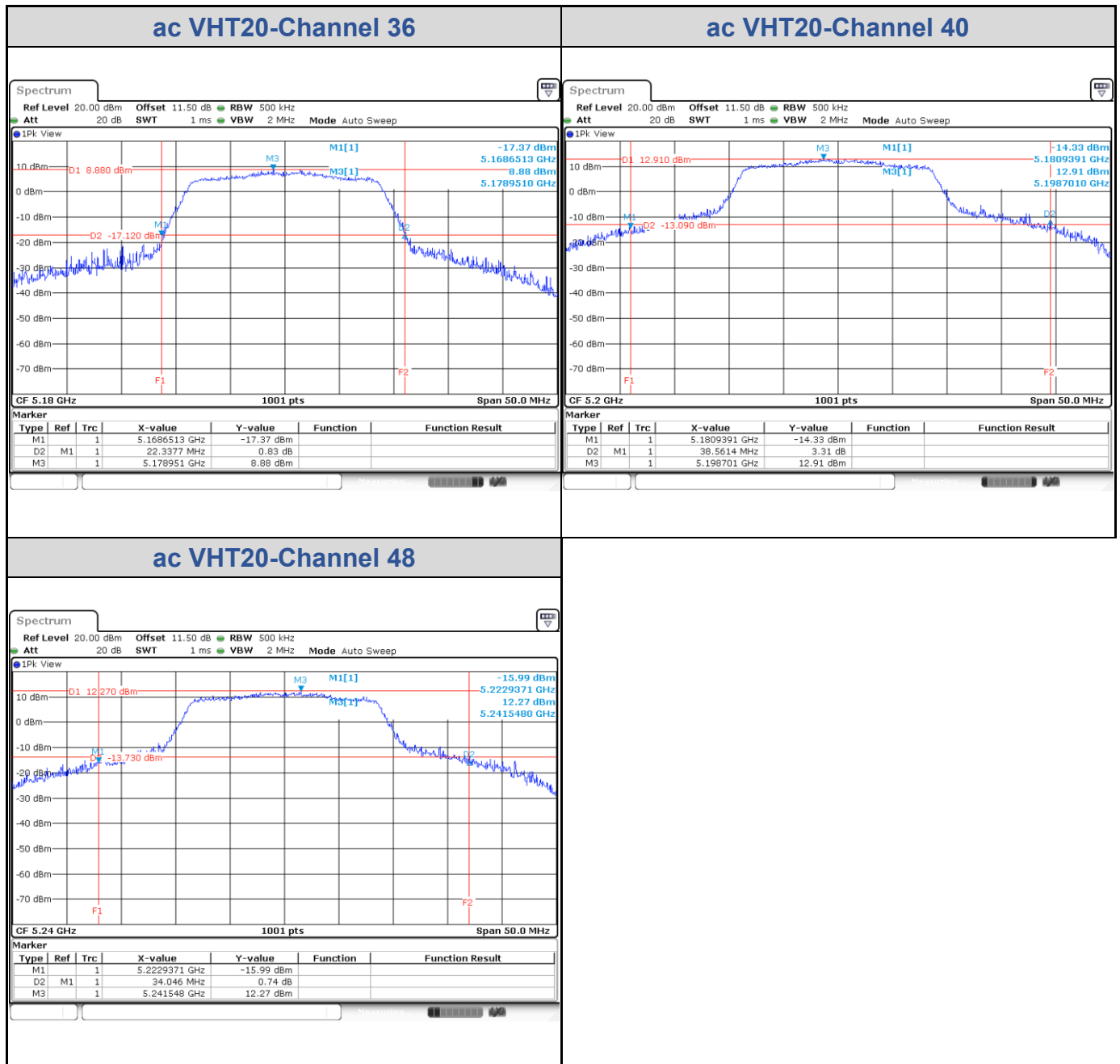
11A-Channel 64

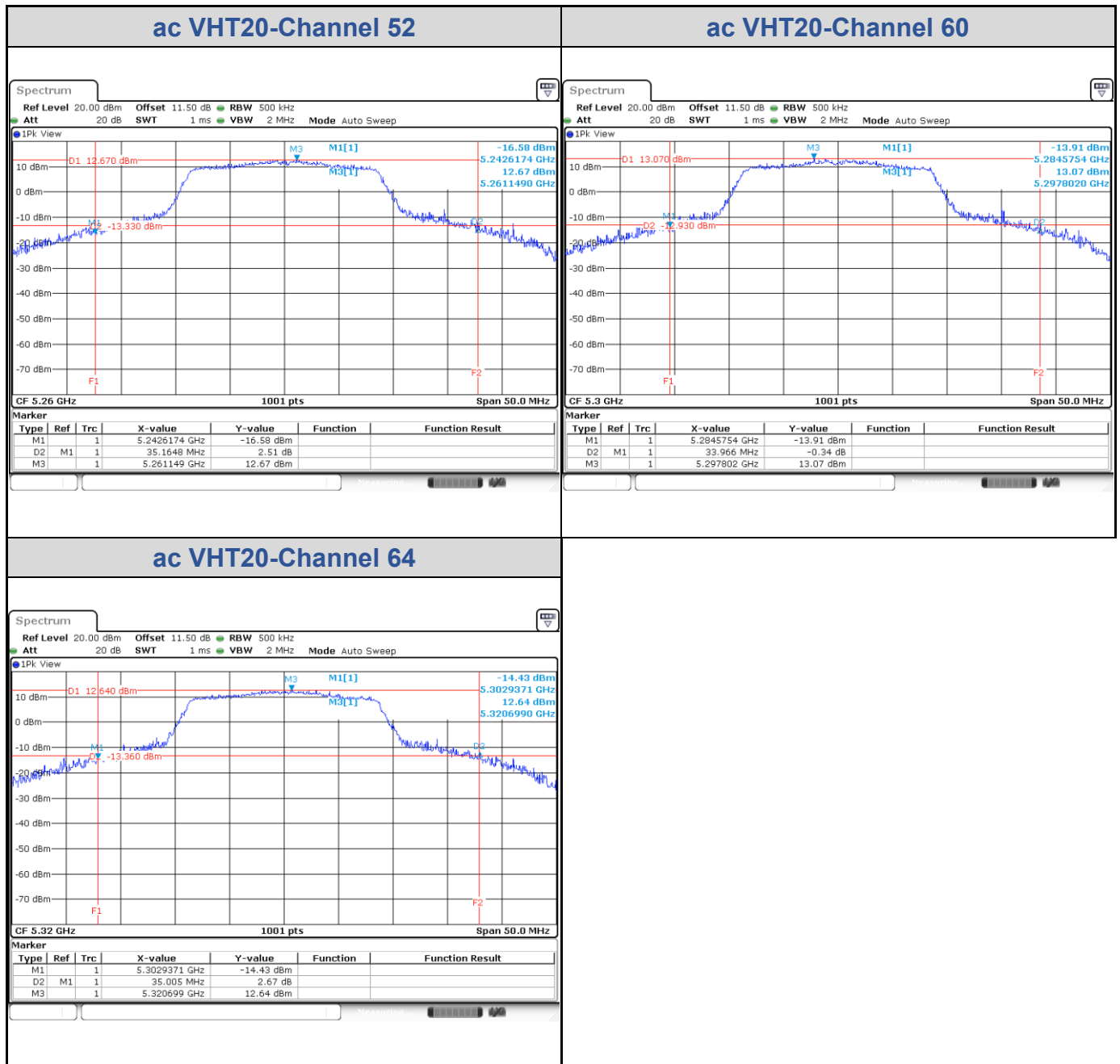


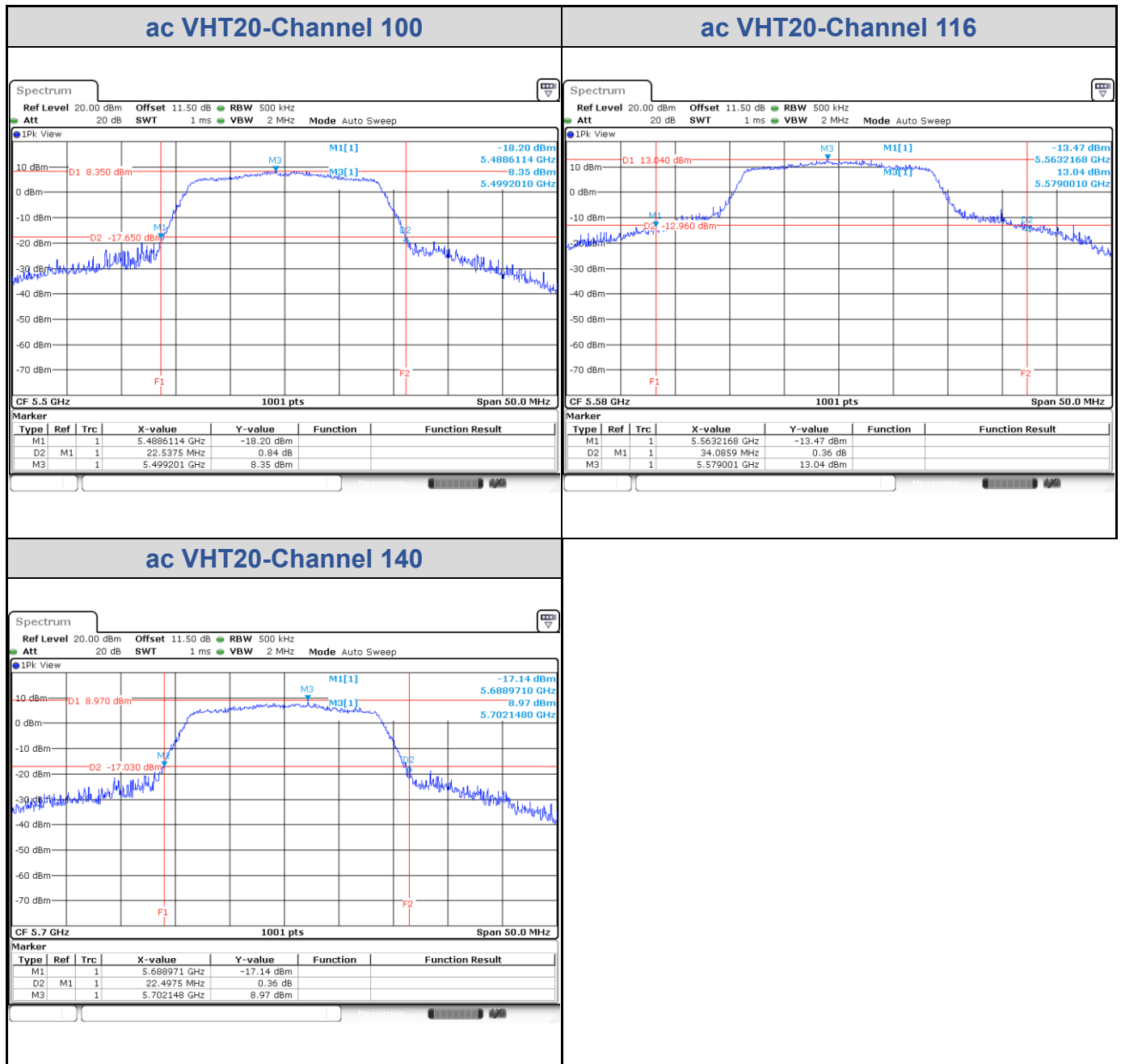


802.11ac VHT20

Band	Channel	Frequency (MHz)	26 dB Bandwidth (MHz)
U-NII-1	36	5180	22.34
	40	5200	38.56
	48	5240	34.05
U-NII-2A	52	5260	35.16
	60	5300	33.97
	64	5320	35.01
U-NII-2C	100	5500	22.54
	116	5580	34.09
	140	5700	22.50



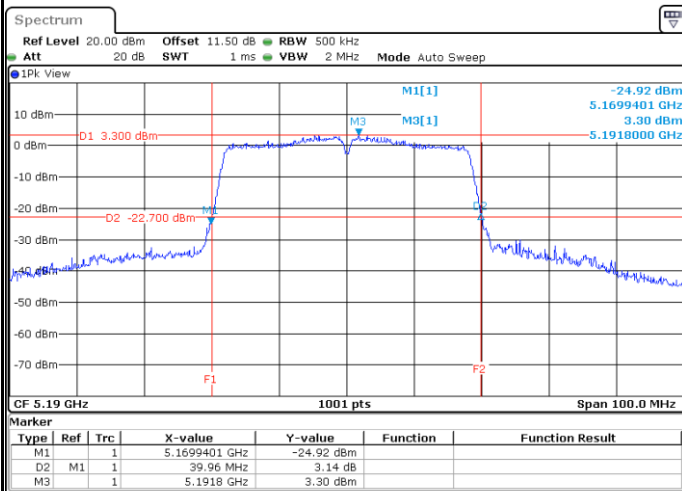




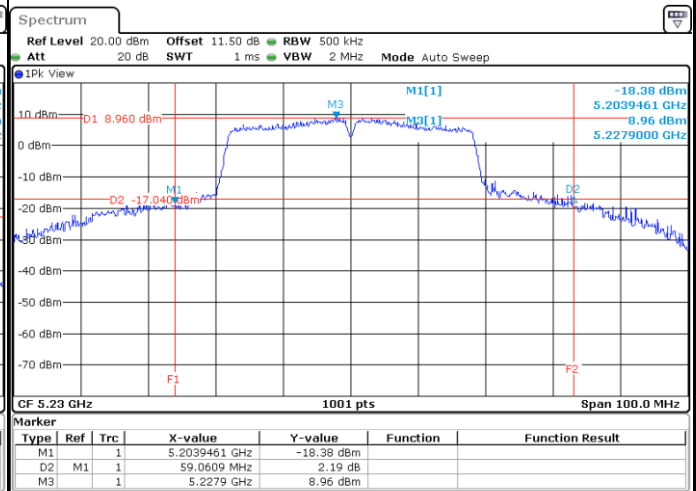
802.11ac VHT40

Band	Channel	Frequency (MHz)	26 dB Bandwidth (MHz)
U-NII-1	38	5190	39.96
	46	5230	59.06
U-NII-2A	54	5270	74.25
	62	5310	39.88
U-NII-2C	102	5510	39.88
	110	5500	51.47
	134	5670	47.71

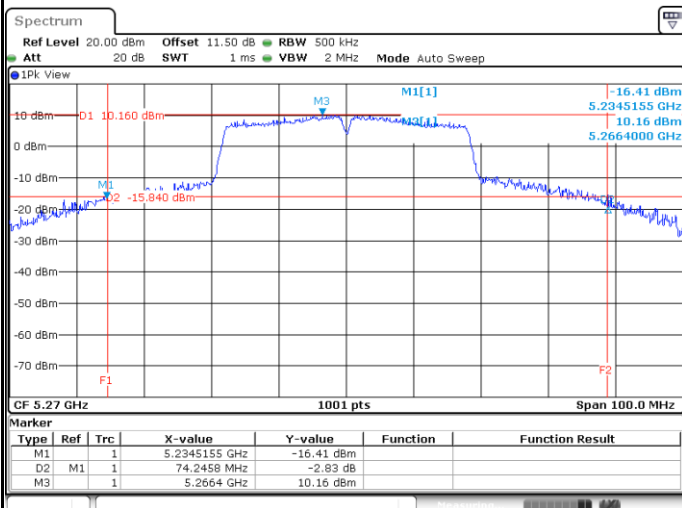
ac VHT40-Channel 38



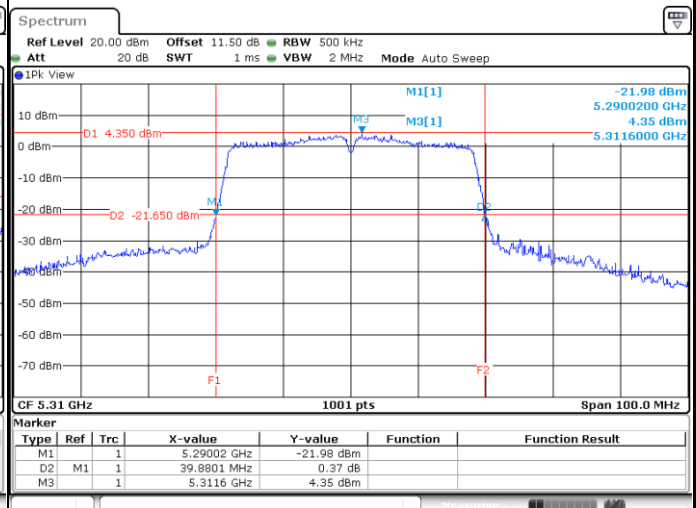
ac VHT40-Channel 46



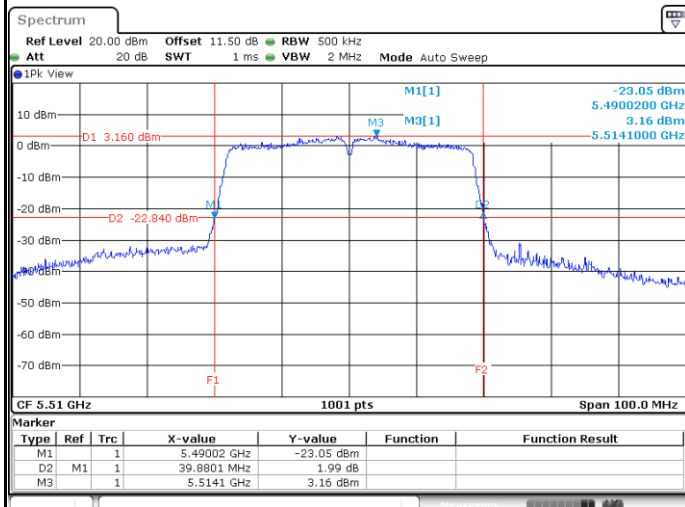
ac VHT40-Channel 54



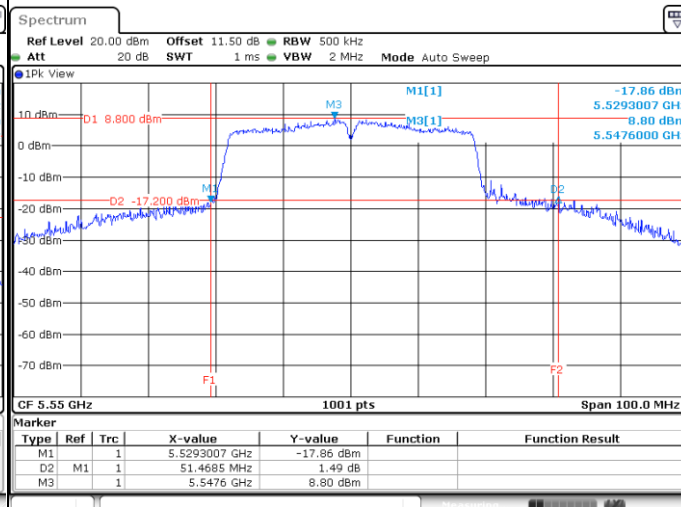
ac VHT40-Channel 62



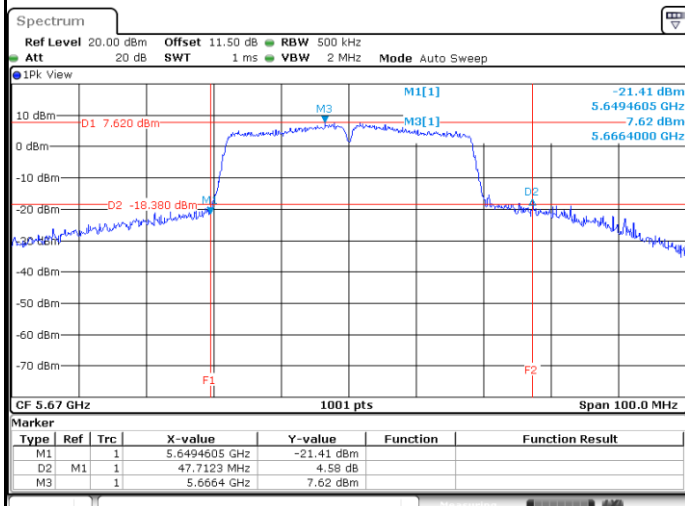
ac VHT40-Channel 102



ac VHT40-Channel 110

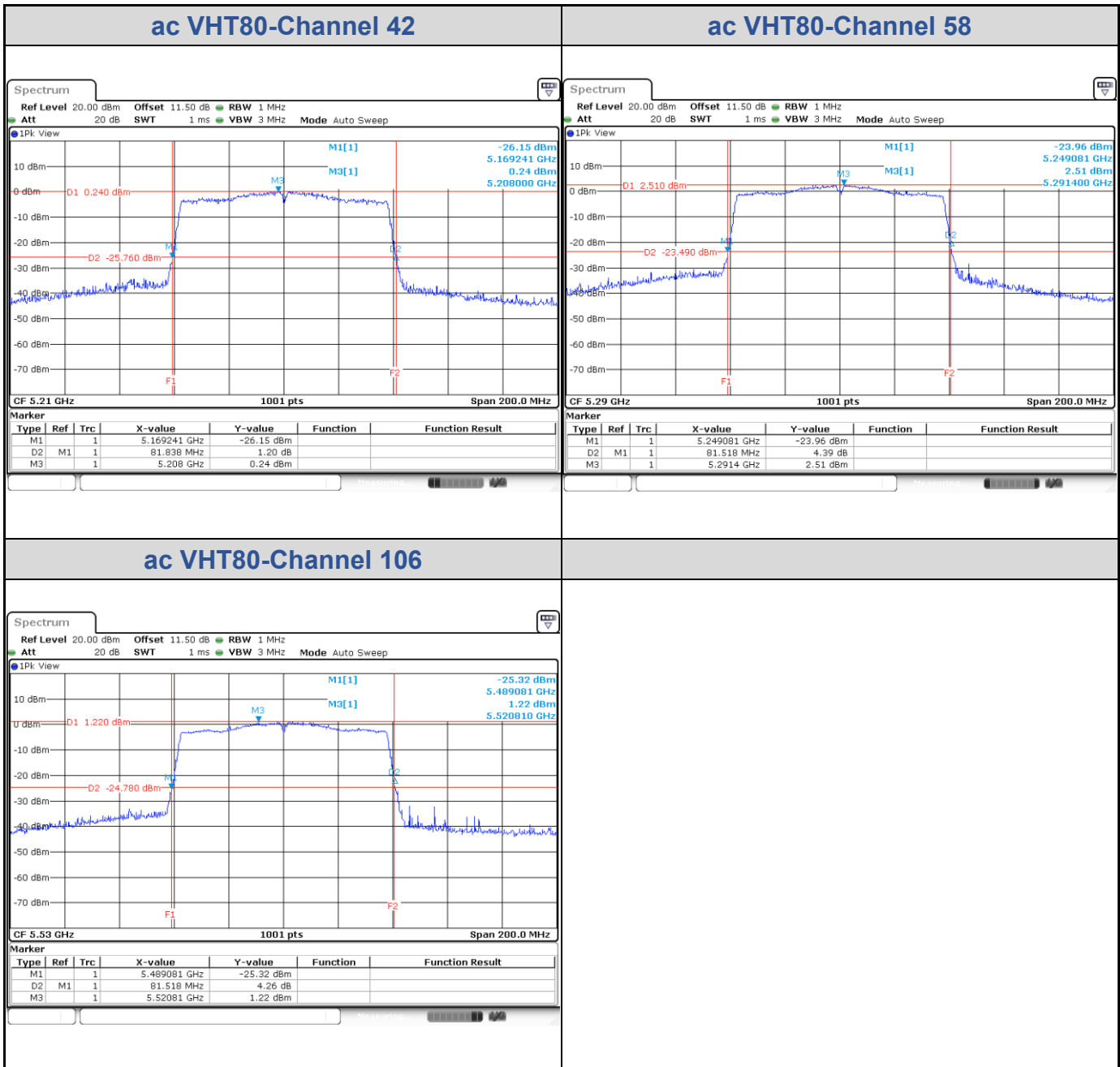


ac VHT40-Channel 134



802.11ac VHT80

Band	Channel	Frequency (MHz)	26 dB Bandwidth (MHz)
U-NII-1	42	5210	81.84
U-NII-2A	58	5290	81.52
U-NII-2C	106	5530	81.52

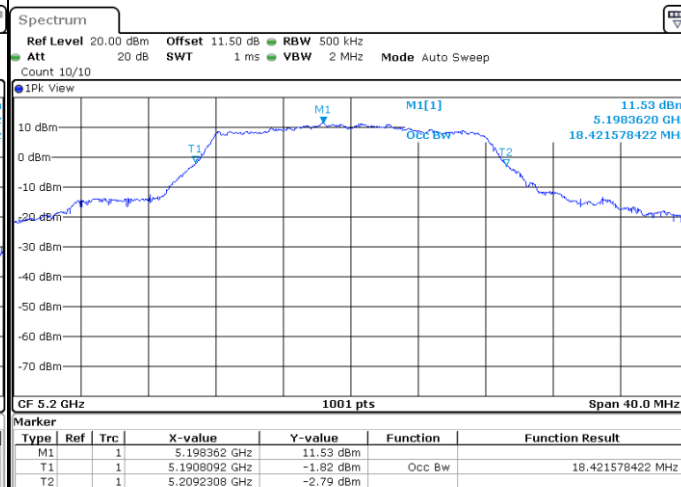
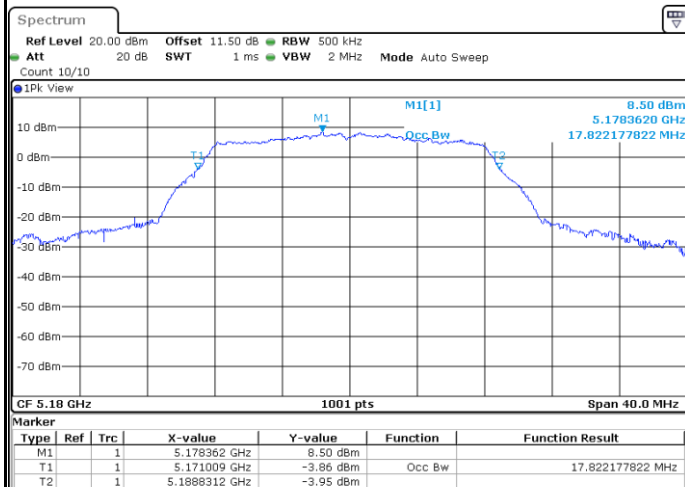


Test Result of 99% Occupied Bandwidth**802.11a**

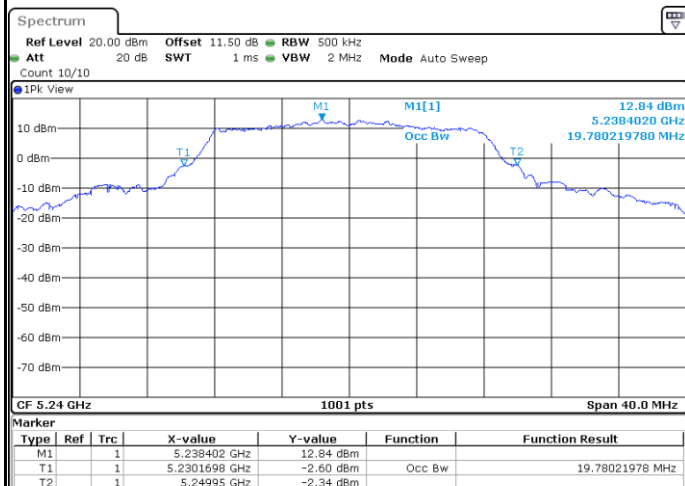
Band	Channel	Frequency (MHz)	99% Bandwidth (MHz)
U-NII-1	36	5180	17.82
	40	5200	18.42
	48	5240	19.78
U-NII-2A	52	5260	19.58
	60	5300	19.62
	64	5320	17.98
U-NII-2C	100	5500	17.78
	116	5580	19.46
	140	5700	17.86
U-NII-3	149	5745	20.02
	157	5785	24.50
	165	5825	19.94

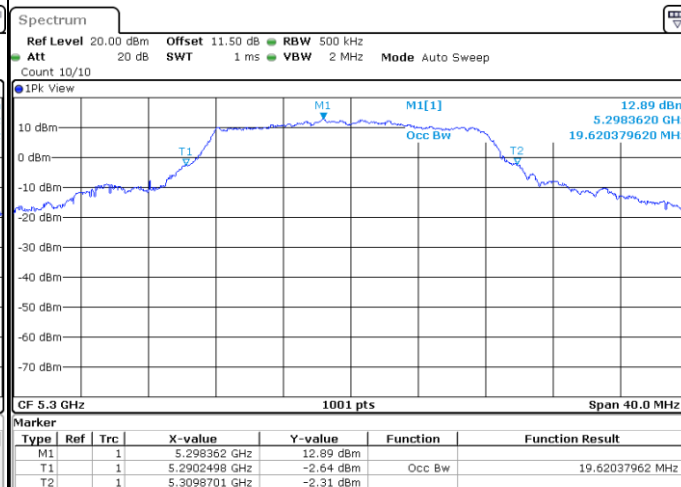
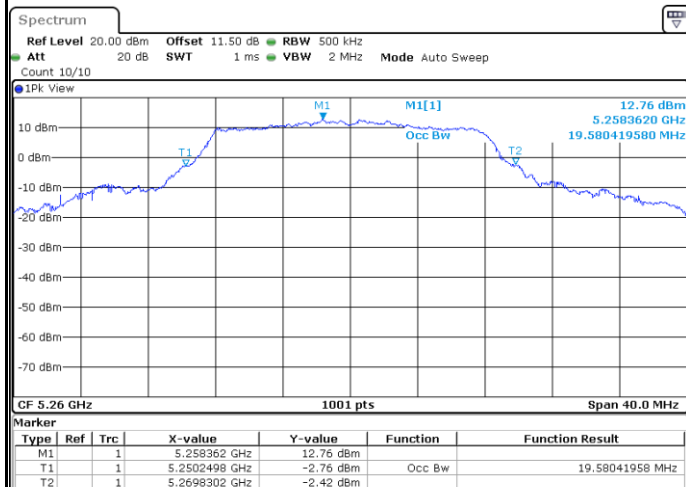
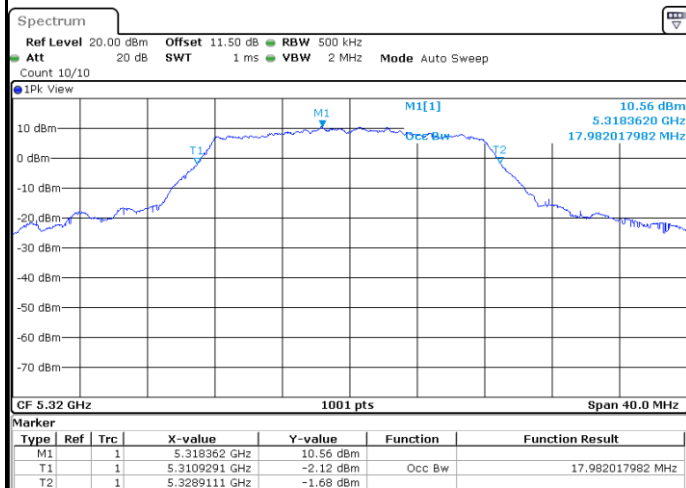
11A-Channel 36

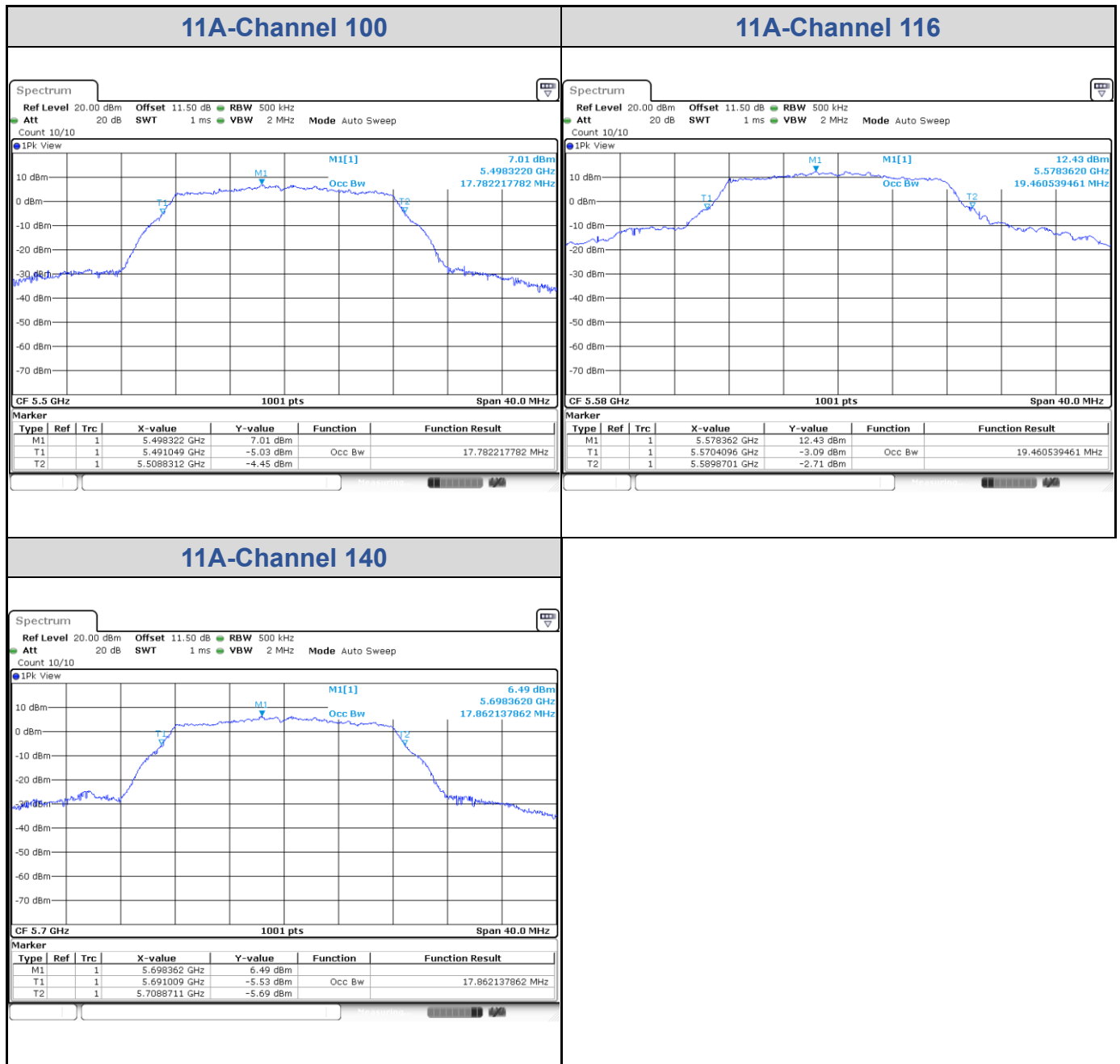
11A-Channel 40

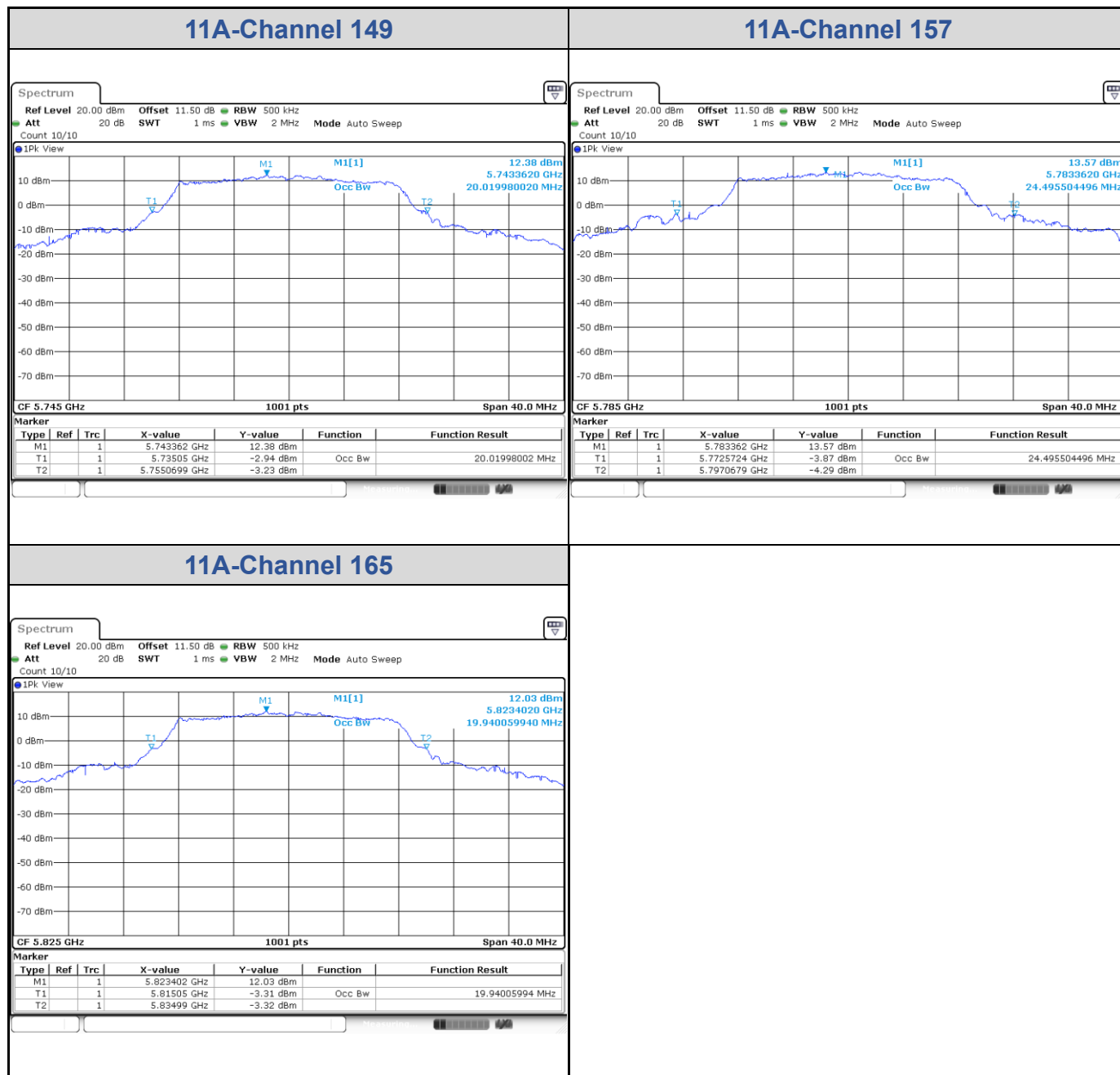


11A-Channel 48



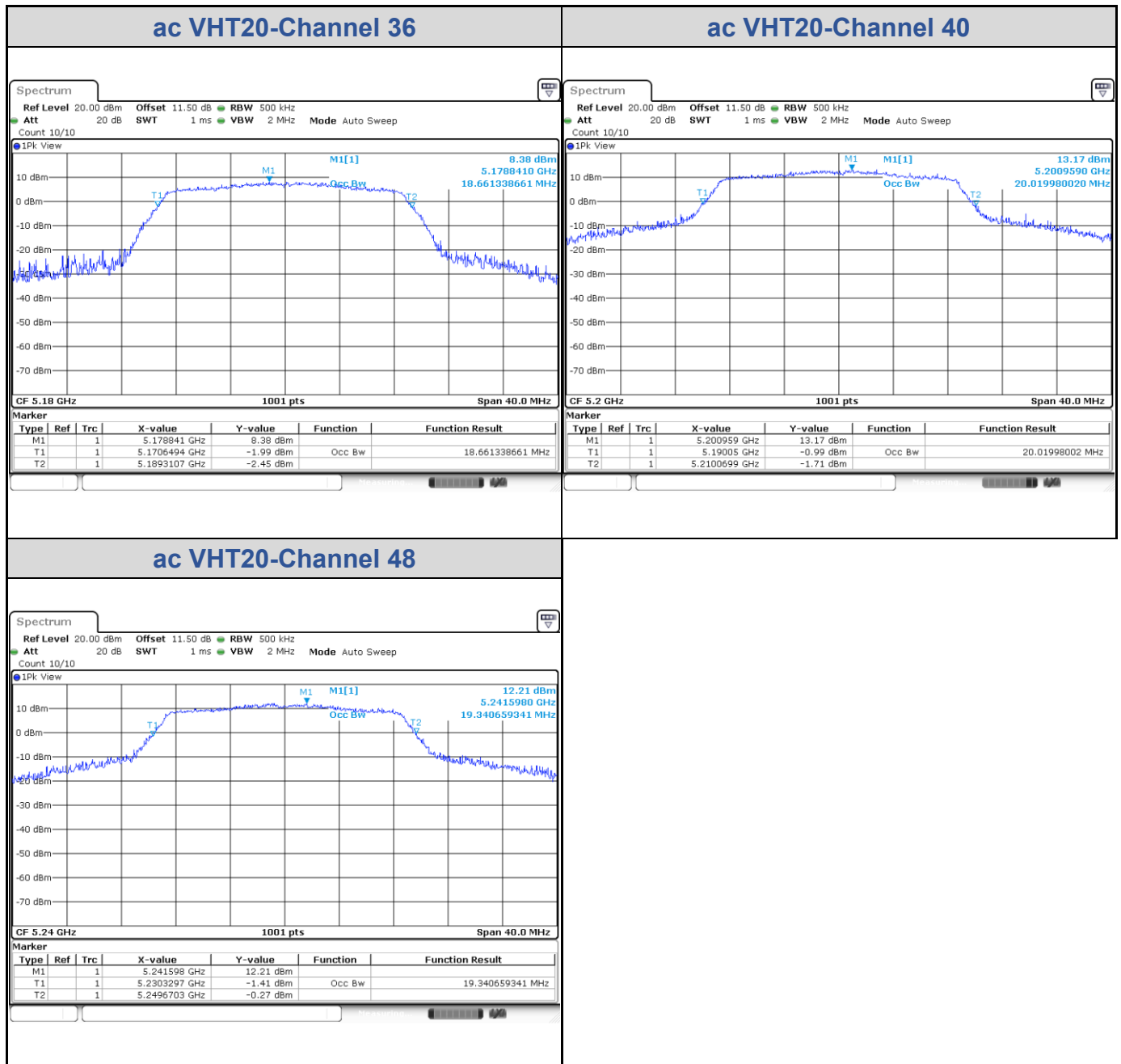
11A-Channel 52
11A-Channel 60

11A-Channel 64




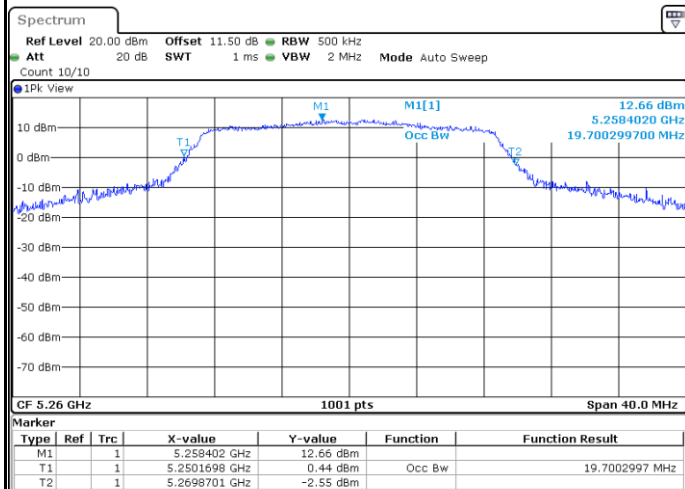


802.11ac VHT20

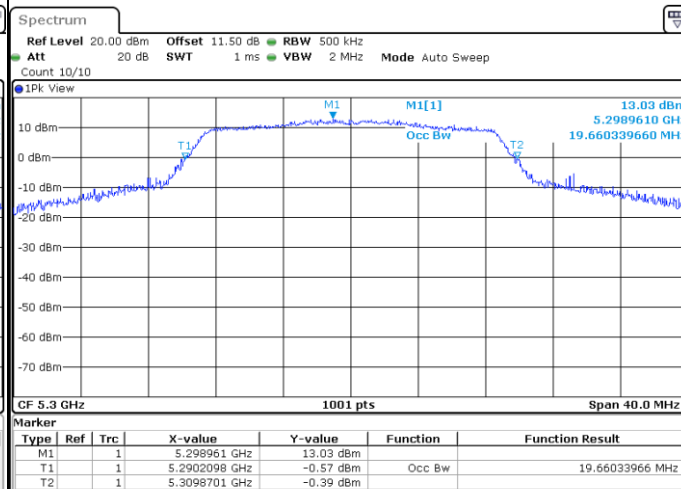
Band	Channel	Frequency (MHz)	99% Bandwidth (MHz)
U-NII-1	36	5180	18.66
	40	5200	20.02
	48	5240	19.34
U-NII-2A	52	5260	19.70
	60	5300	19.66
	64	5320	19.70
U-NII-2C	100	5500	18.74
	116	5580	19.70
	140	5700	18.66
U-NII-3	149	5745	24.30
	157	5785	30.69
	165	5825	30.33



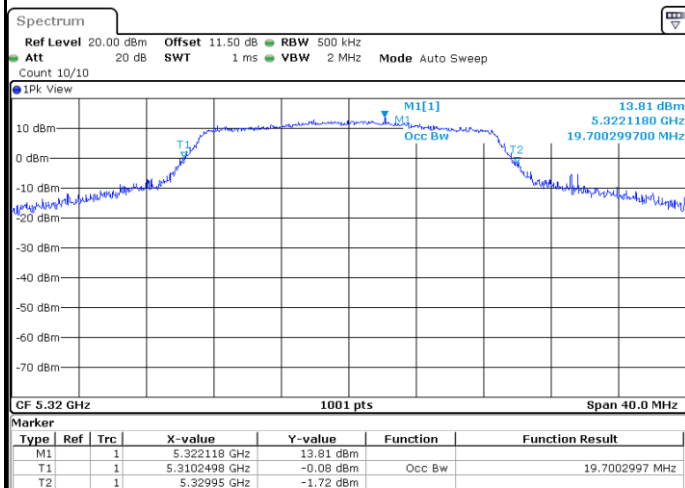
ac VHT20-Channel 52

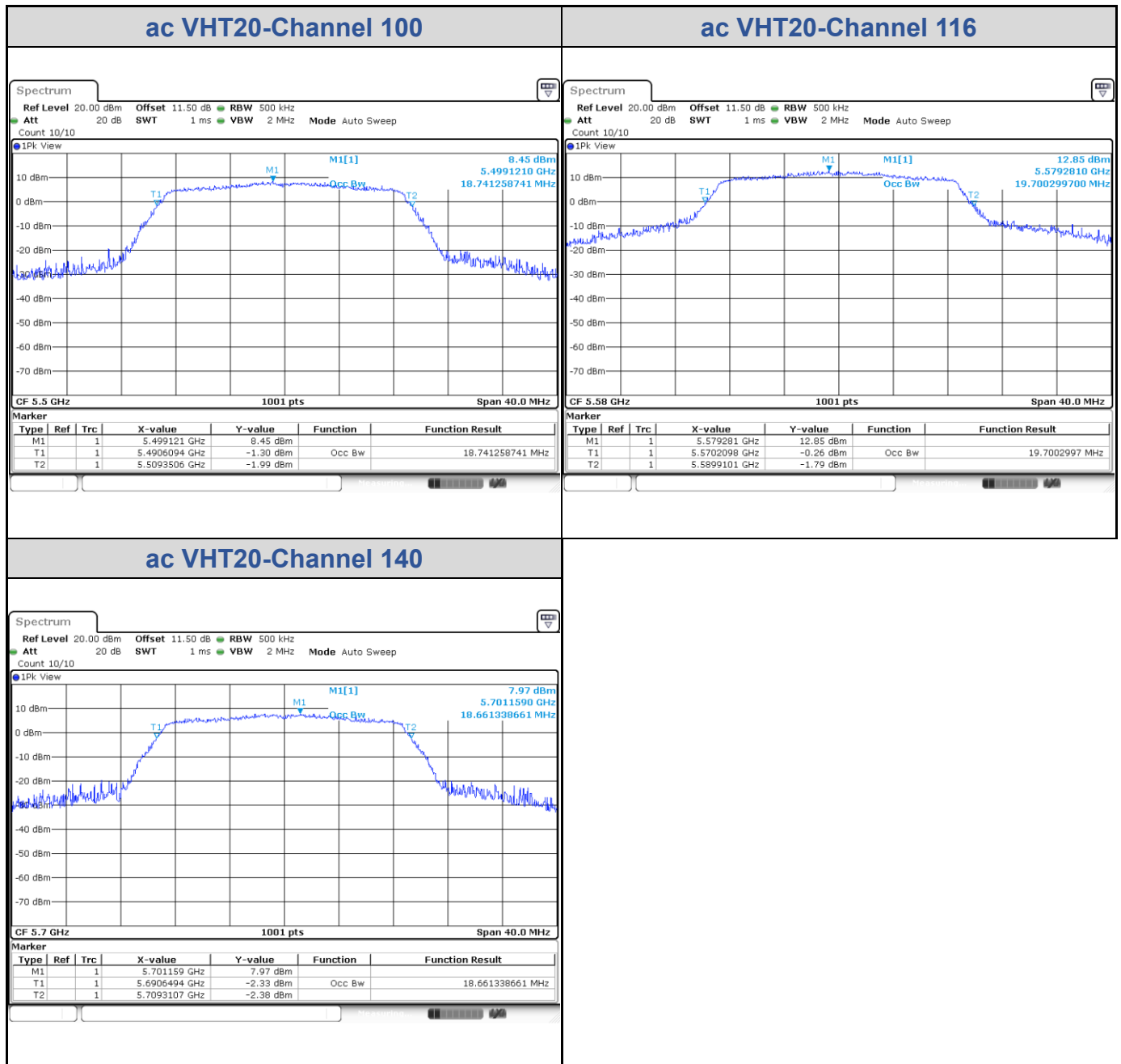


ac VHT20-Channel 60

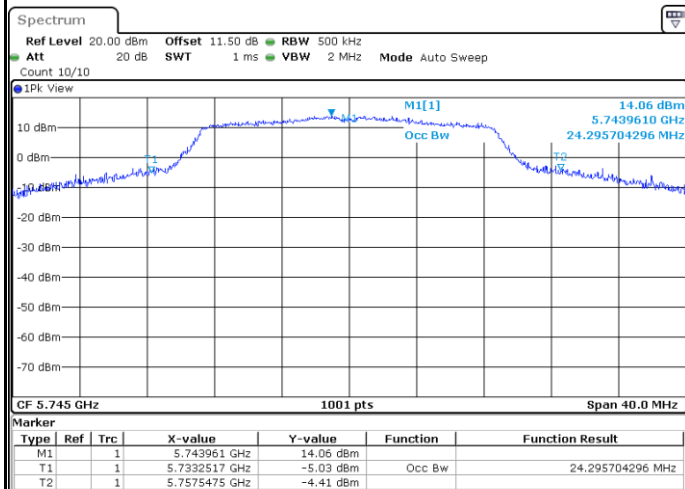


ac VHT20-Channel 64

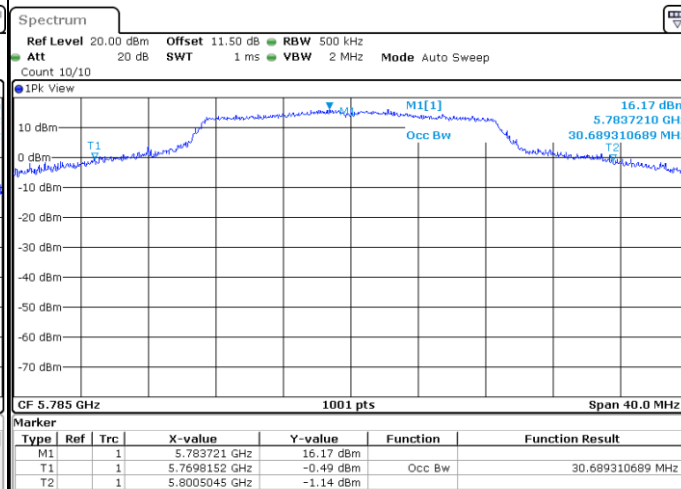




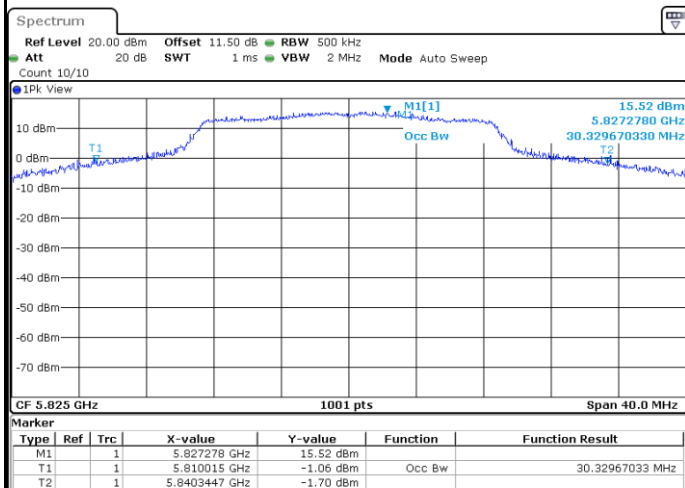
ac VHT20-Channel 149



ac VHT20-Channel 157



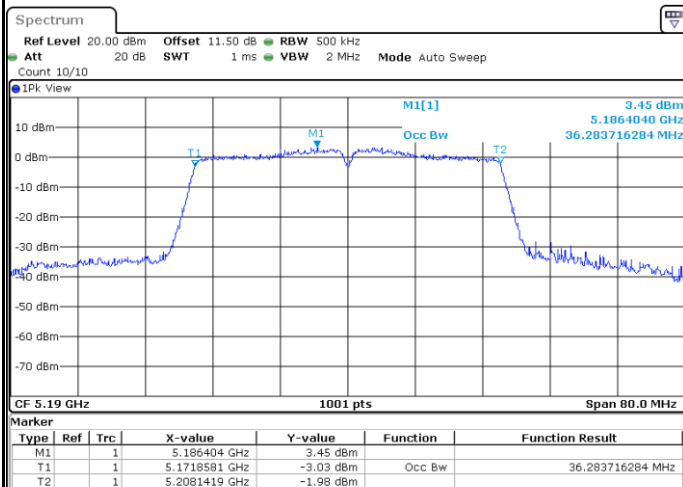
ac VHT20-Channel 165



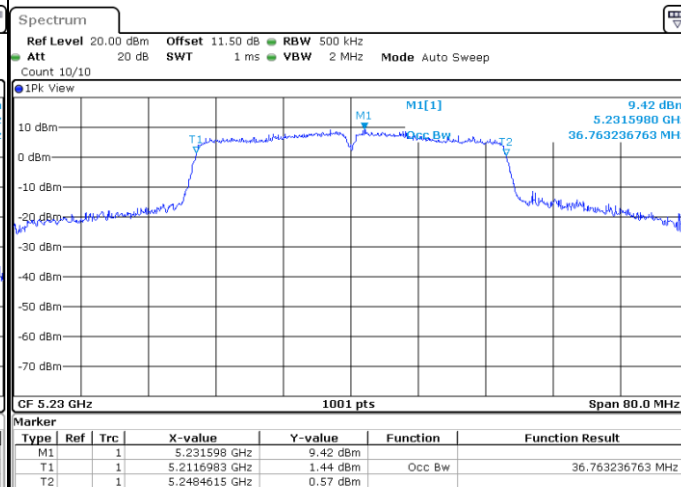
802.11ac VHT40

Band	Channel	Frequency (MHz)	99% Bandwidth (MHz)
U-NII-1	38	5190	36.28
	46	5230	36.76
U-NII-2A	54	5270	37.56
	62	5310	36.28
U-NII-2C	102	5510	36.36
	110	5550	36.60
	134	5670	36.52
U-NII-3	151	5755	45.79
	159	5795	59.94

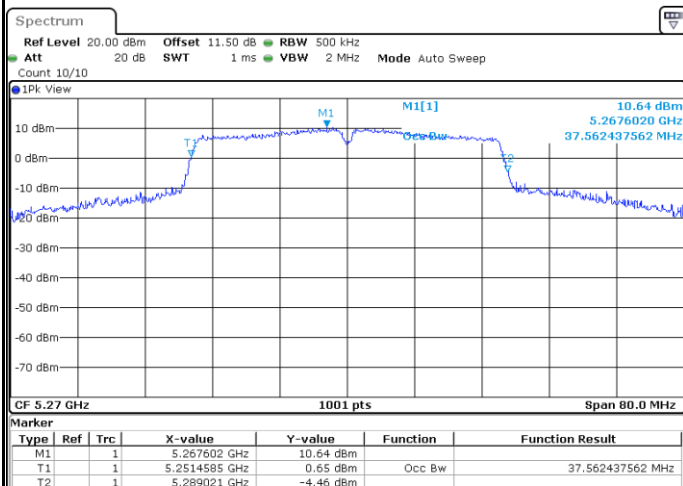
ac VHT40-Channel 38



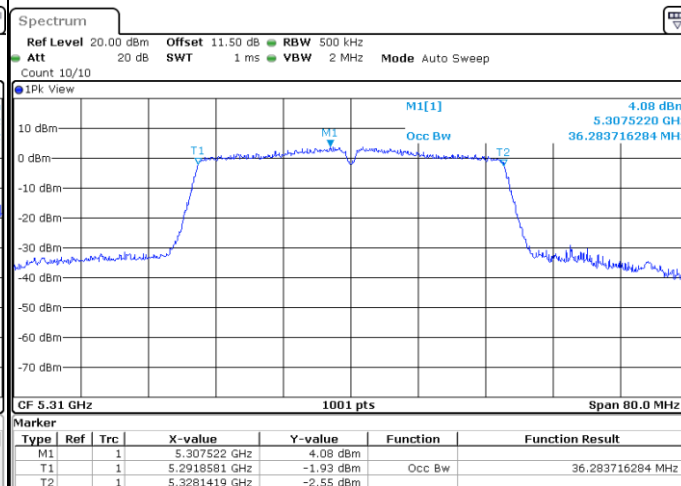
ac VHT40-Channel 46

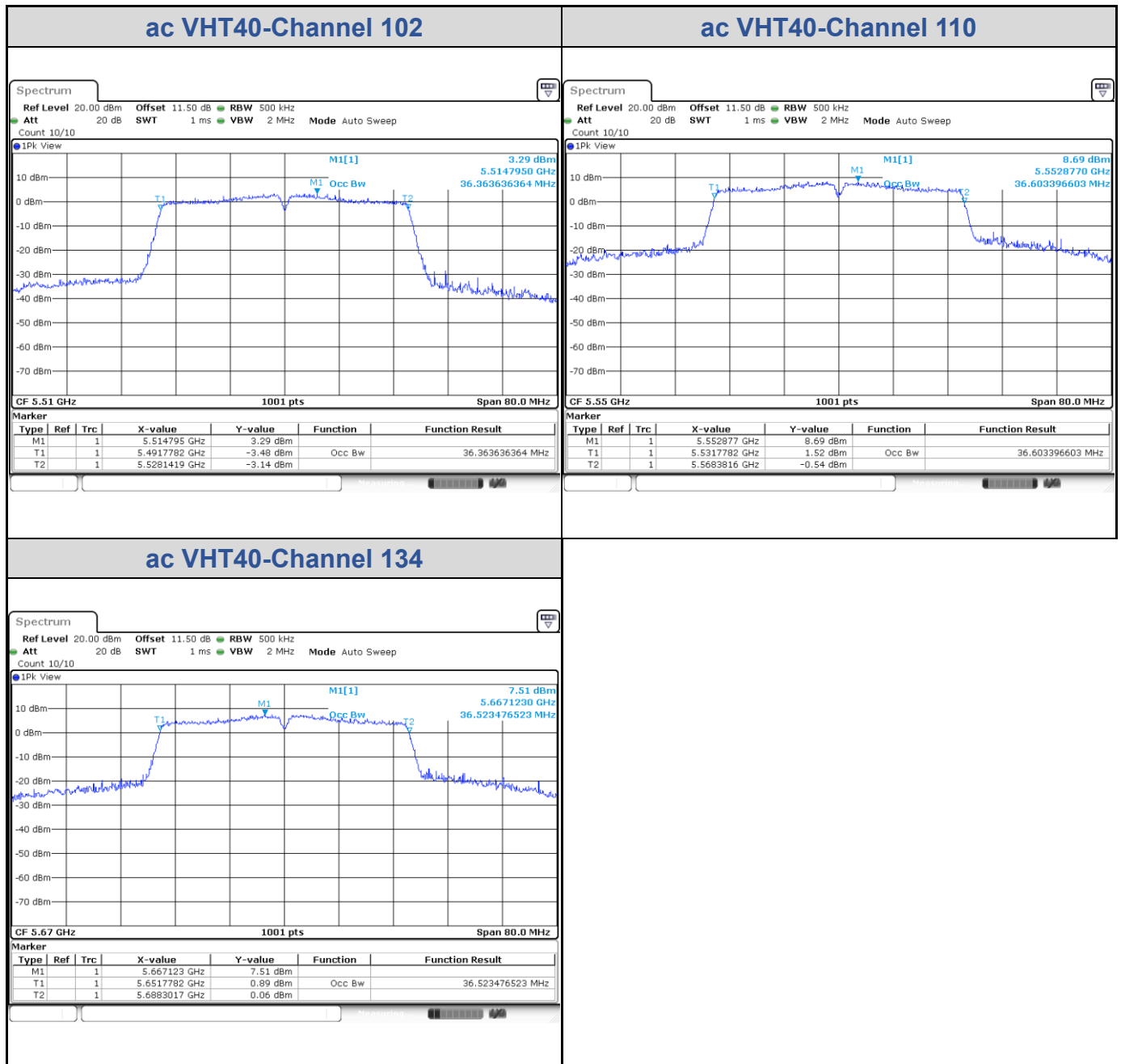


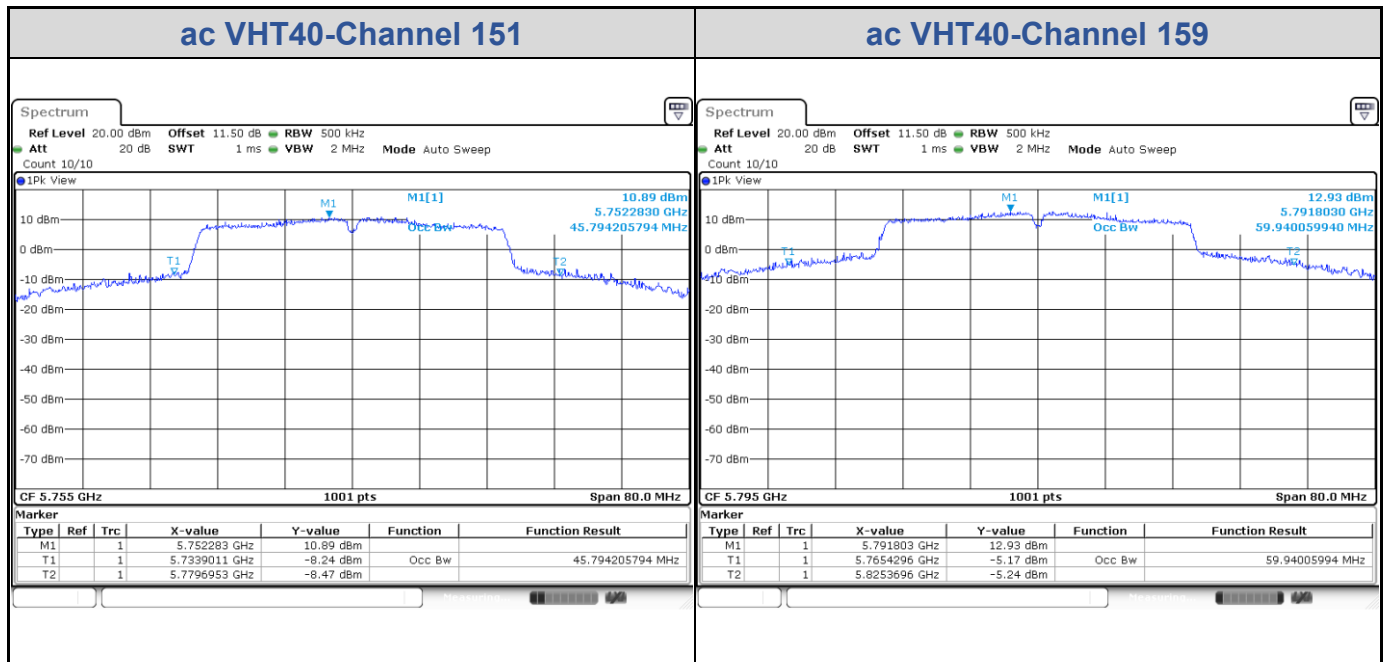
ac VHT40-Channel 54



ac VHT40-Channel 62

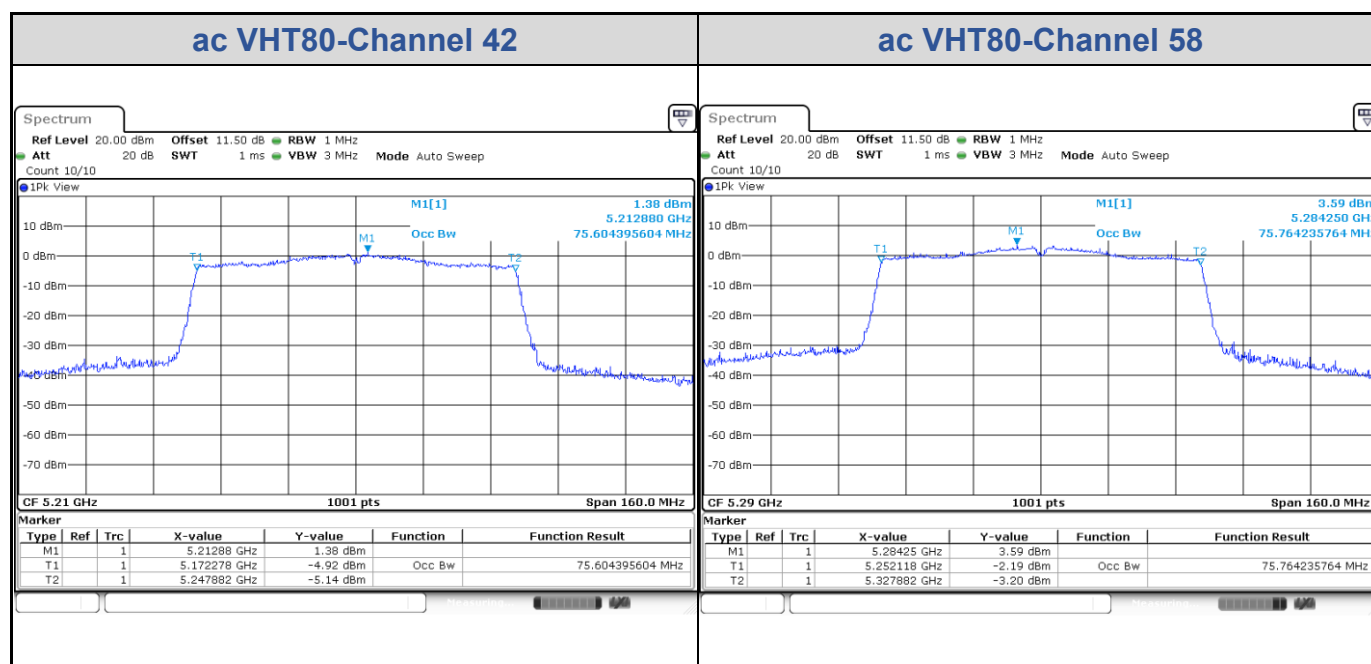




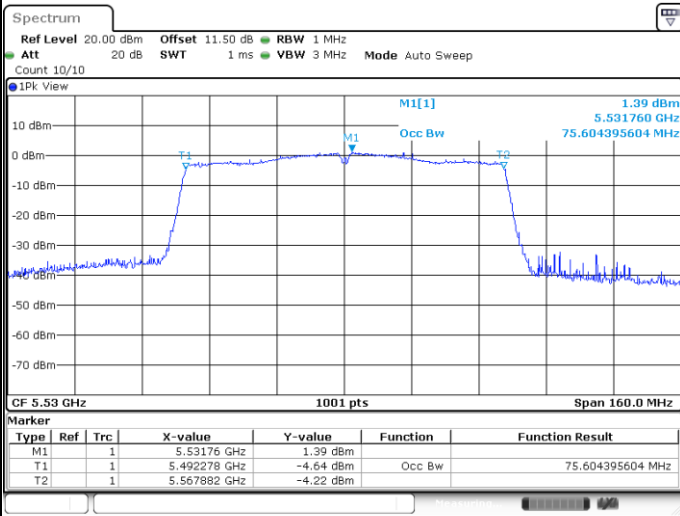


802.11ac VHT80

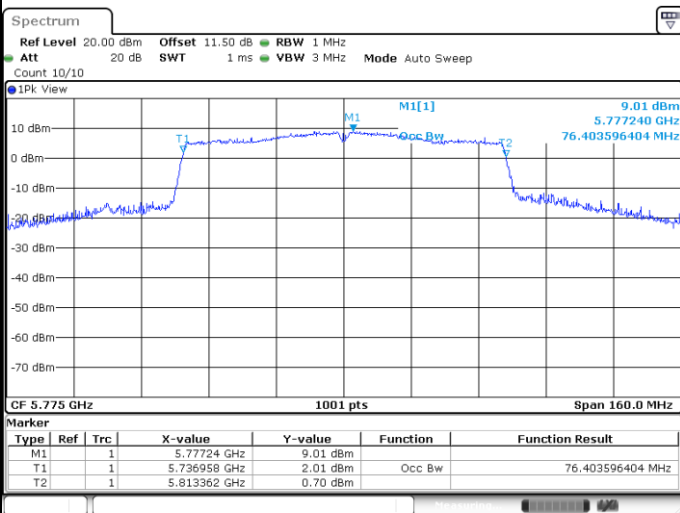
Band	Channel	Frequency (MHz)	99% Bandwidth (MHz)
U-NII-1	42	5210	75.60
U-NII-2A	58	5290	75.76
U-NII-2C	106	5530	75.60
U-NII-3	155	5775	76.40



ac VHT80-Channel 106



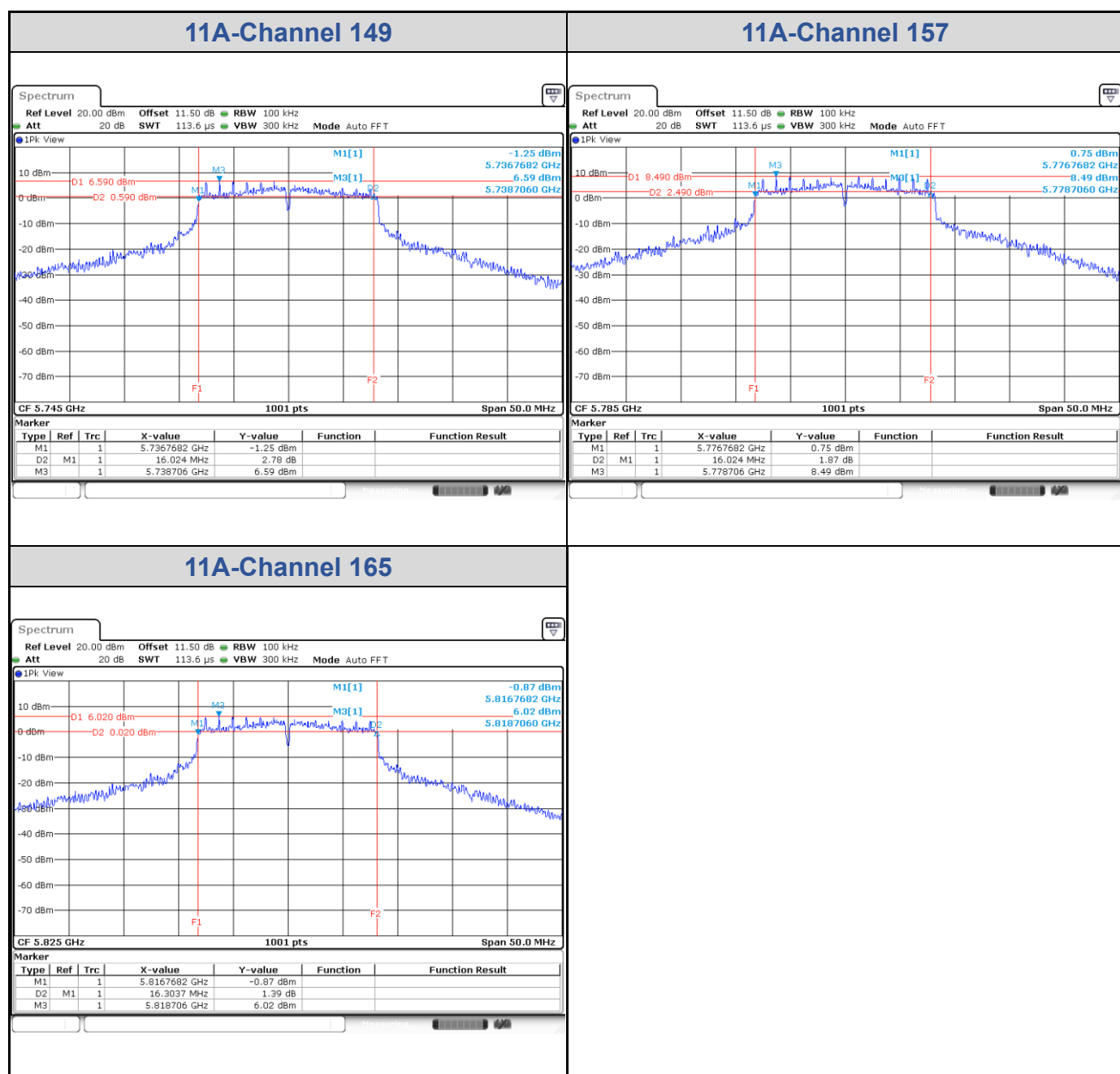
ac VHT80-Channel 155



Test Result of 6 dB Bandwidth

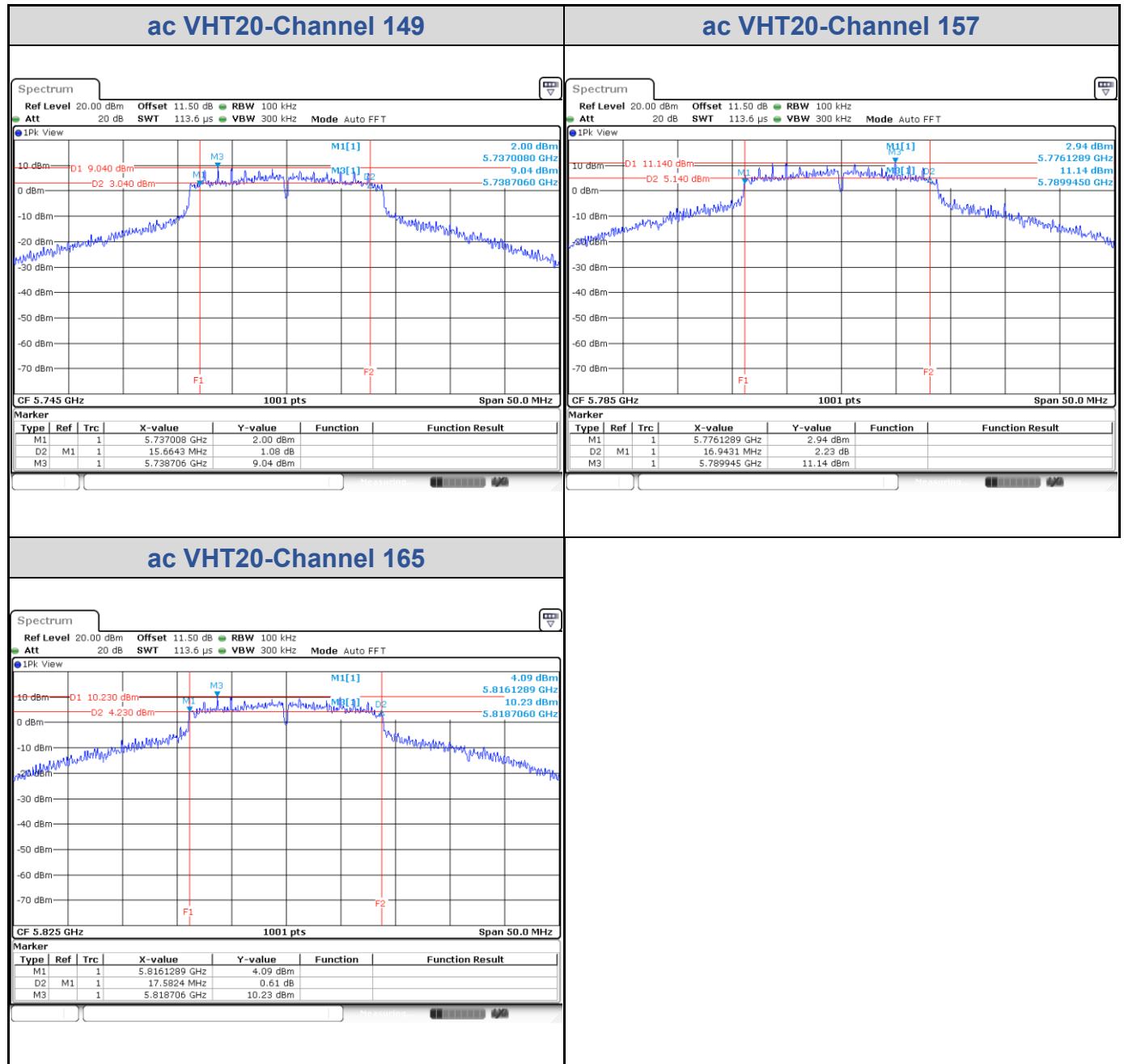
802.11a

Band	Channel	Frequency (MHz)	6 dB Bandwidth (MHz)
U-NII-3	149	5745	16.02
	157	5785	16.02
	165	5825	16.30



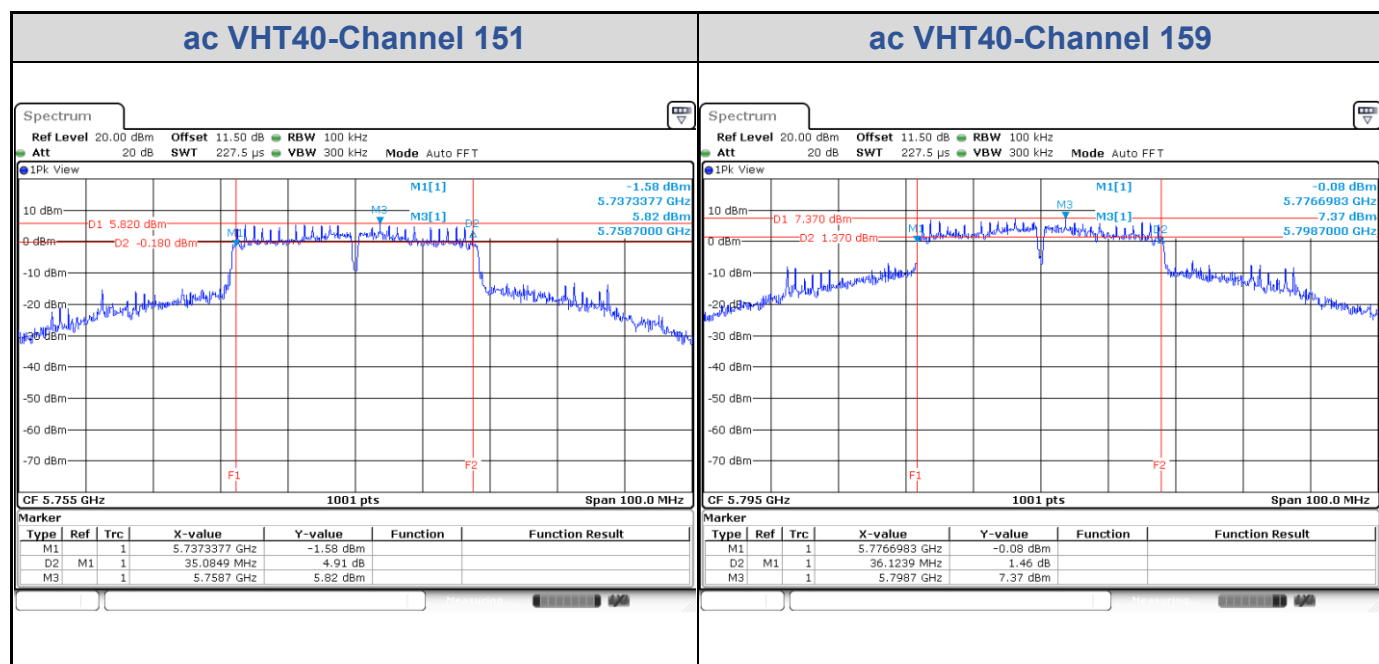
802.11ac VHT20

Band	Channel	Frequency (MHz)	6 dB Bandwidth (MHz)
U-NII-3	149	5745	15.66
	157	5785	16.94
	165	5825	17.58



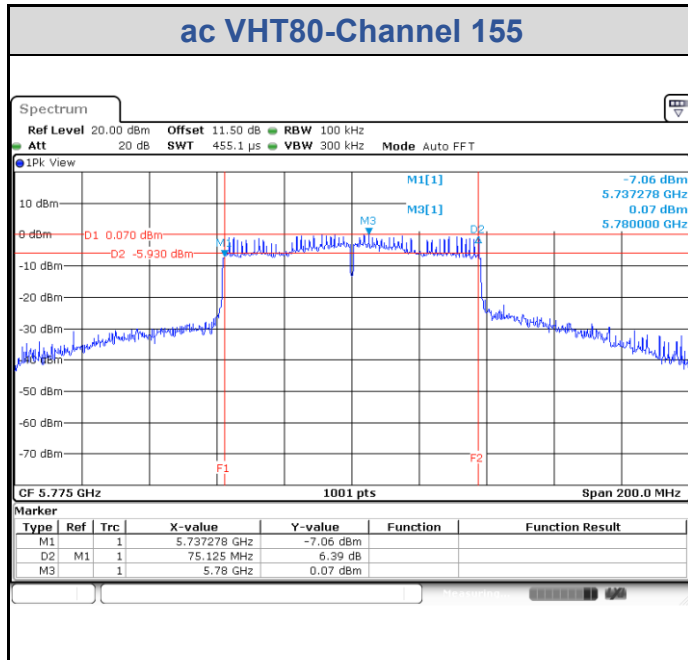
802.11ac VHT40

Band	Channel	Frequency (MHz)	6 dB Bandwidth (MHz)
U-NII-3	151	5755	35.08
	159	5795	36.12



802.11ac VHT80

Band	Channel	Frequency (MHz)	6 dB Bandwidth (MHz)
U-NII-3	155	5775	75.13



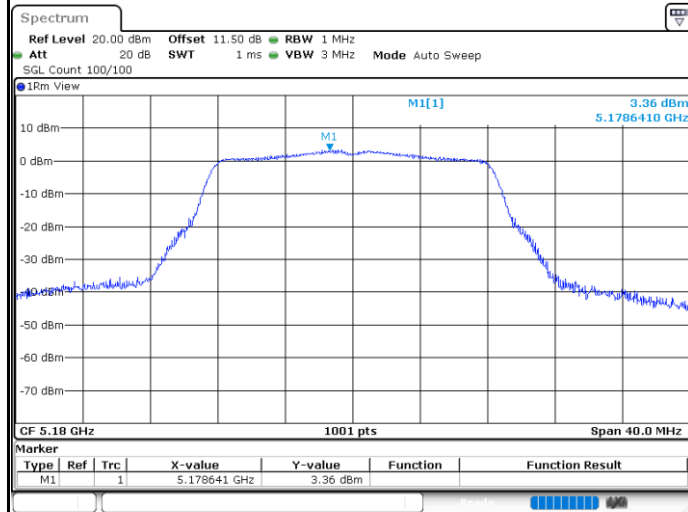
Test Result of Power Spectral Density

802.11a

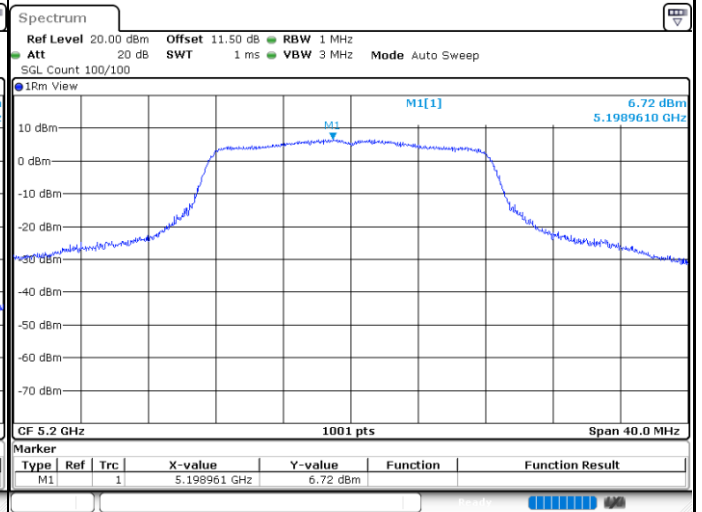
Band	Channel	Frequency (MHz)	PSD without Duty Factor (dBm/MHz)	Total PSD with Duty Factor (dBm/MHz)	Maximum Limit (dBm/MHz)	Pass / Fail
U-NII-1	36	5180	3.36	3.67	9.10	Pass
	40	5200	6.72	7.03	9.10	Pass
	48	5240	8.28	8.59	9.10	Pass
U-NII-2A	52	5260	8.15	8.46	9.10	Pass
	60	5300	7.84	8.15	9.10	Pass
	64	5320	5.74	6.05	9.10	Pass
U-NII-2C	100	5500	2.02	2.33	9.40	Pass
	116	5580	7.56	7.87	9.40	Pass
	140	5700	1.37	1.68	9.40	Pass

Band	Channel	Frequency (MHz)	PSD without Duty Factor (dBm/500kHz)	Total PSD with Duty Factor (dBm/500kHz)	Maximum Limit (dBm/500kHz)	Pass / Fail
U-NII-3	149	5745	5.02	5.33	27.90	Pass
	157	5785	6.07	6.38	27.90	Pass
	165	5825	4.53	4.84	27.90	Pass

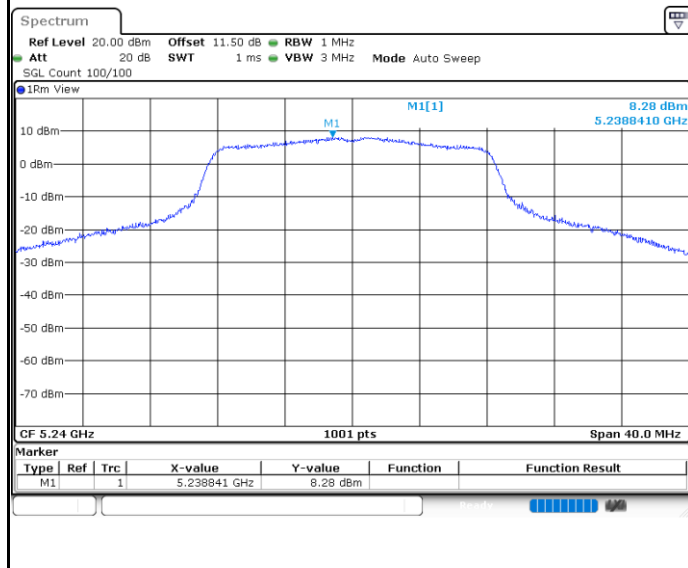
11A-Channel 36



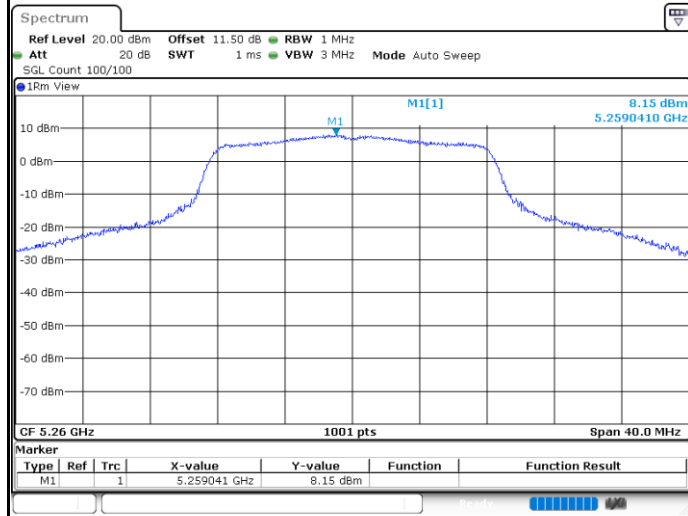
11A-Channel 40



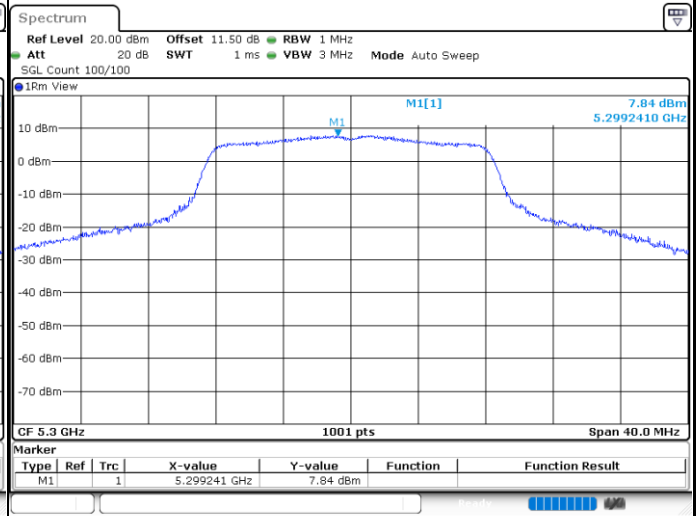
11A-Channel 48



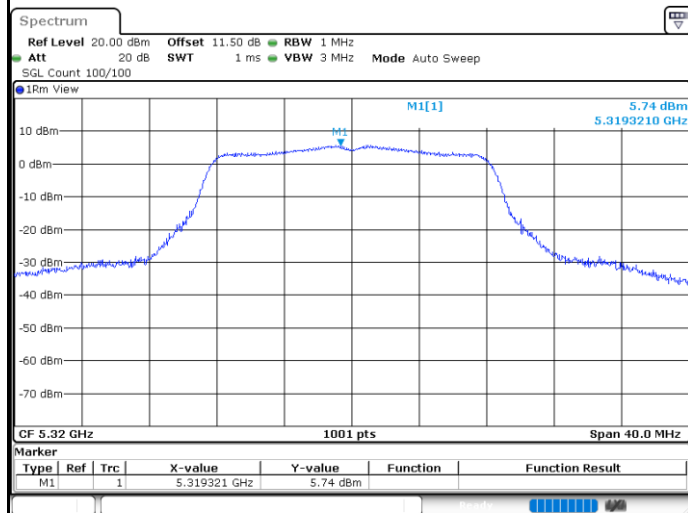
11A-Channel 52

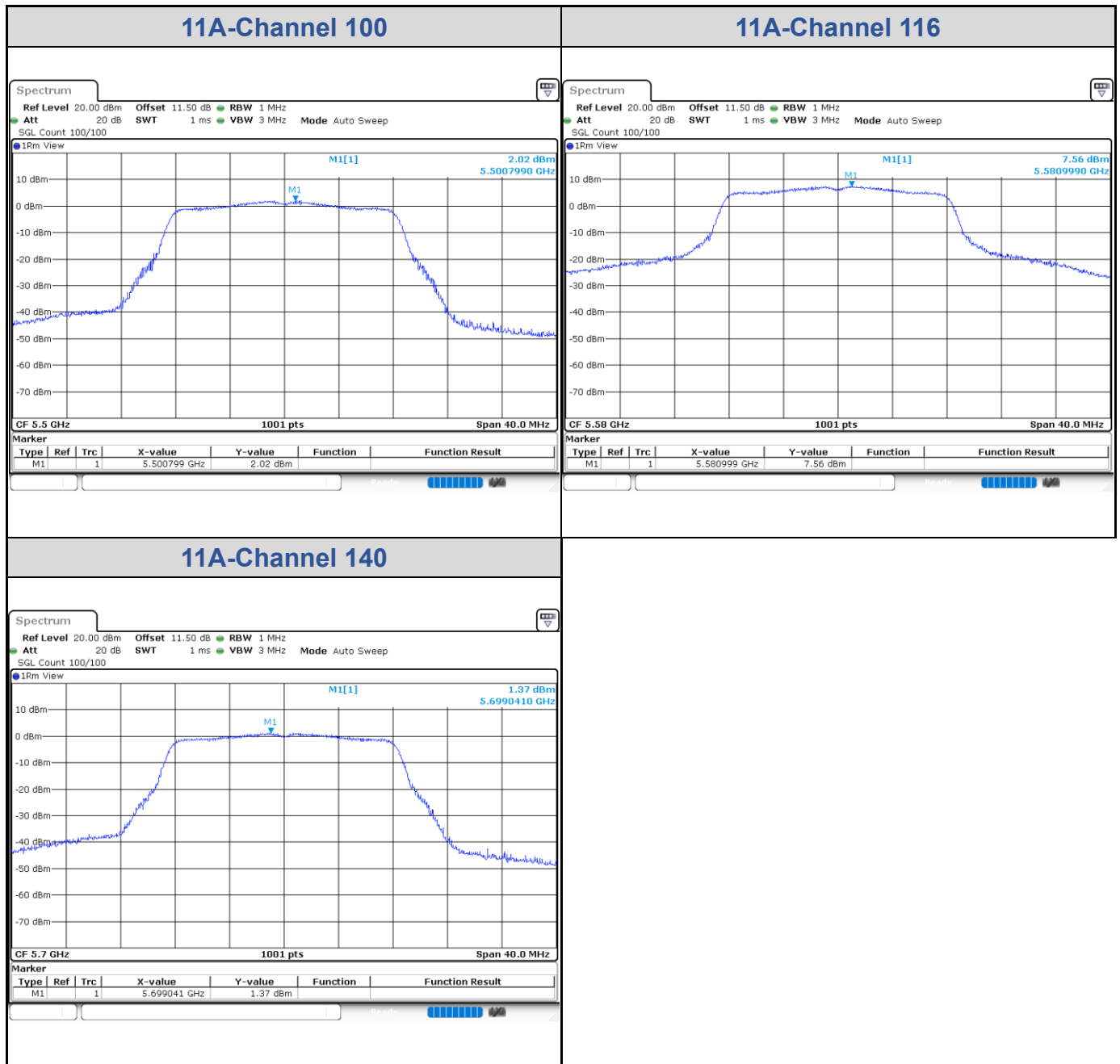


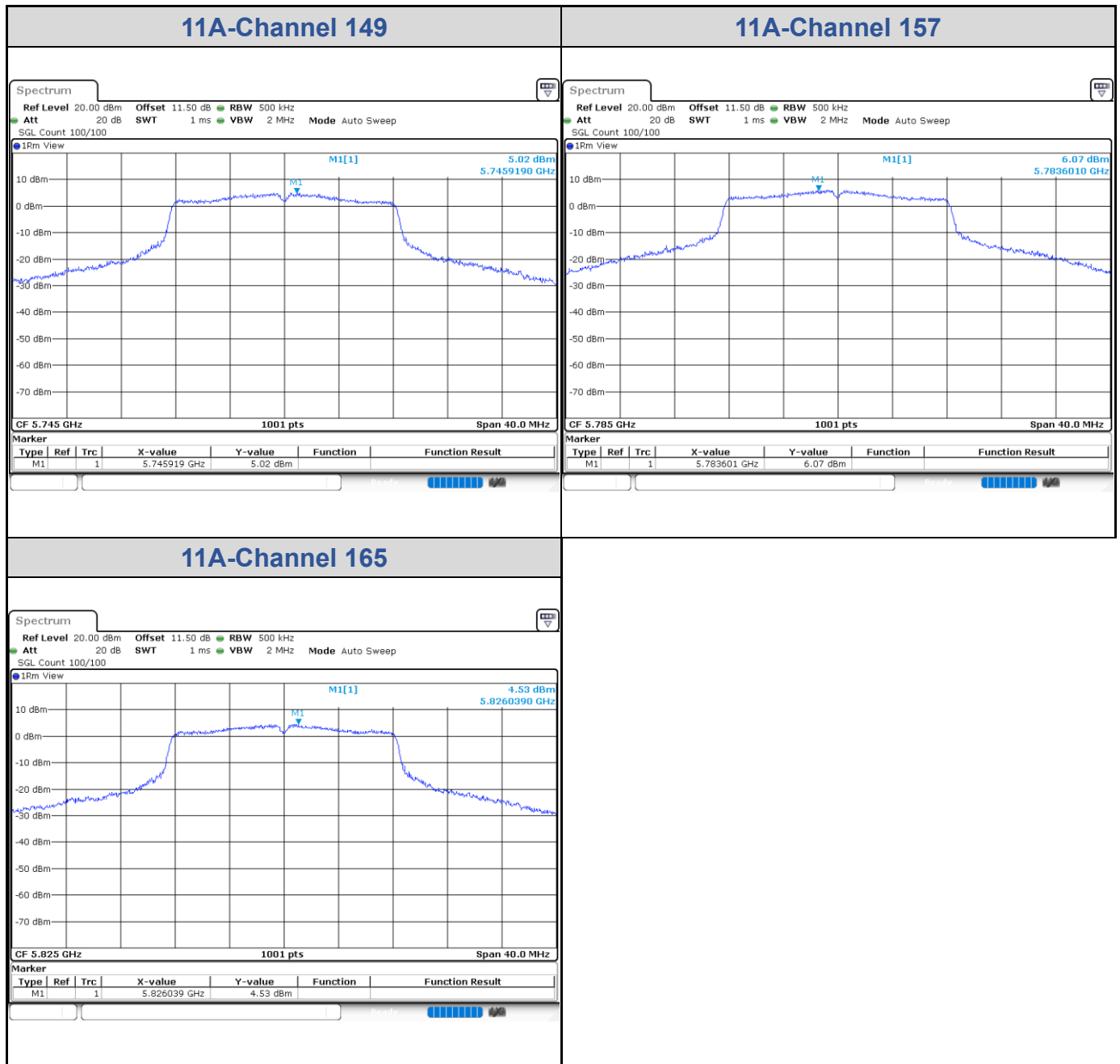
11A-Channel 60



11A-Channel 64



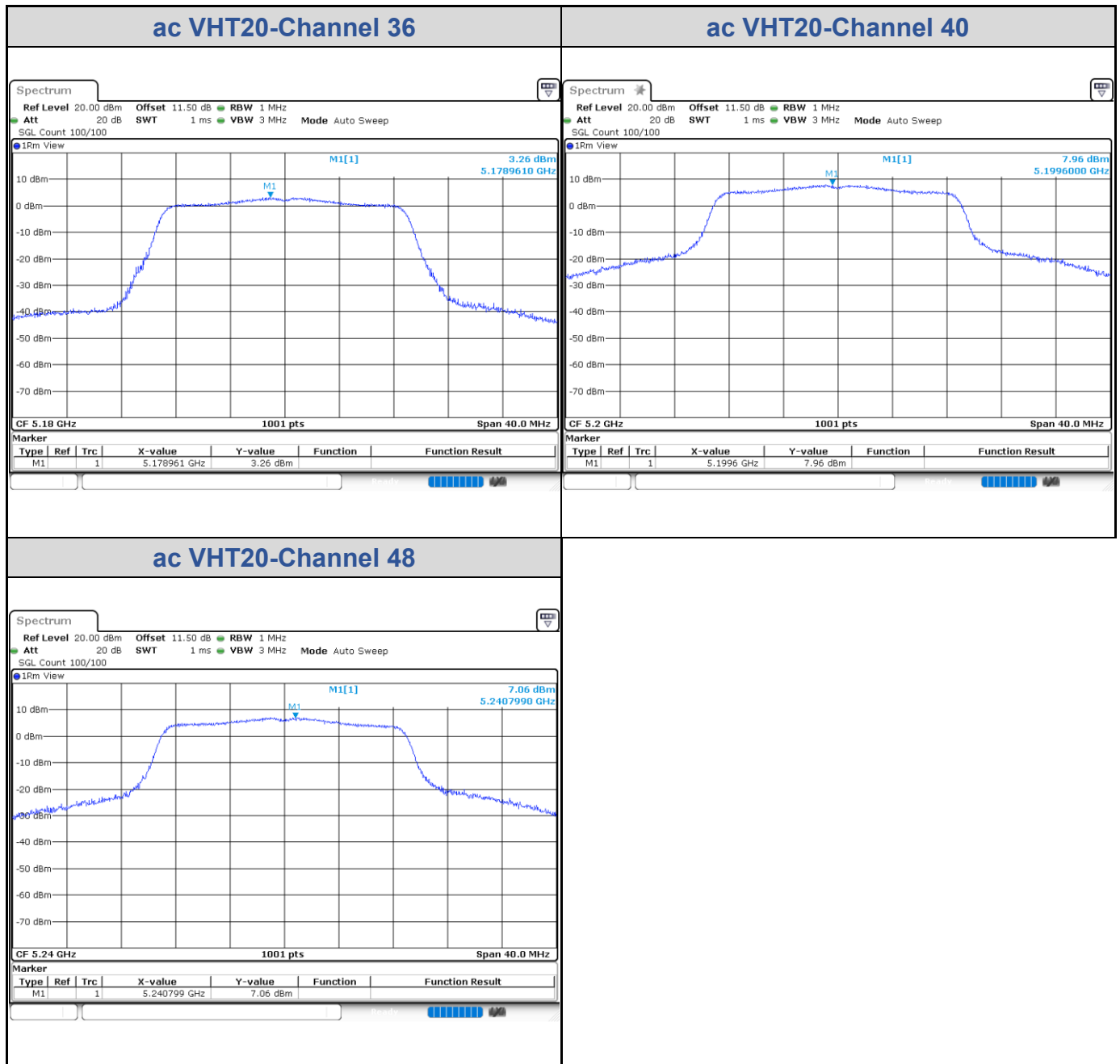


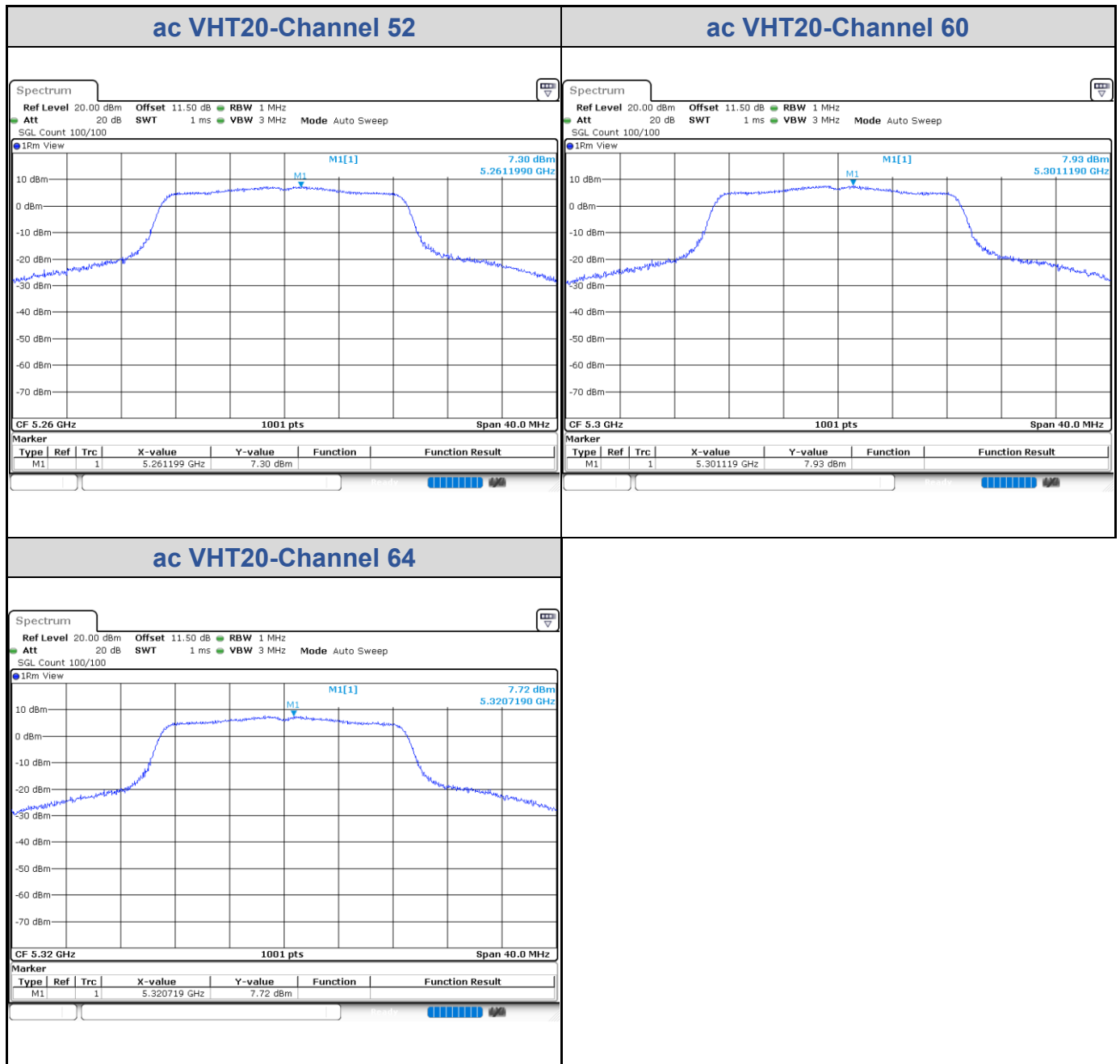


802.11ac VHT20

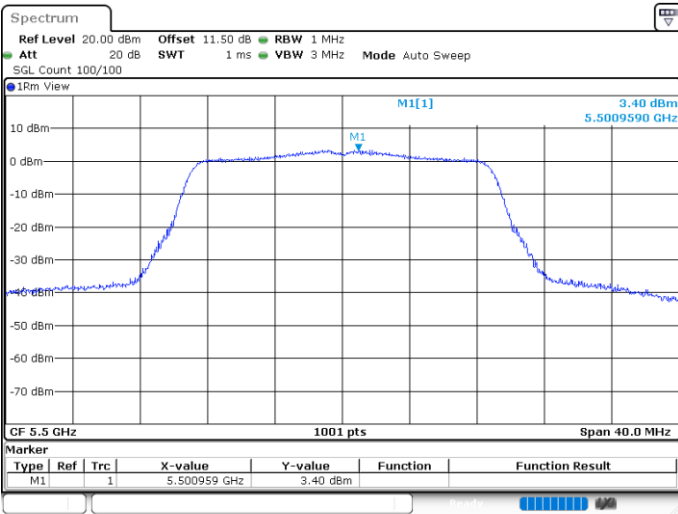
Band	Channel	Frequency (MHz)	PSD without Duty Factor (dBm/MHz)	Total PSD with Duty Factor (dBm/MHz)	Maximum Limit (dBm/MHz)	Pass / Fail
U-NII-1	36	5180	3.26	3.57	9.10	Pass
	40	5200	7.96	8.27	9.10	Pass
	48	5240	7.06	7.37	9.10	Pass
U-NII-2A	52	5260	7.30	7.61	9.10	Pass
	60	5300	7.93	8.24	9.10	Pass
	64	5320	7.72	8.03	9.10	Pass
U-NII-2C	100	5500	3.40	3.71	9.40	Pass
	116	5580	7.54	7.85	9.40	Pass
	140	5700	3.24	3.55	9.40	Pass

Band	Channel	Frequency (MHz)	PSD without Duty Factor (dBm/500kHz)	Total PSD with Duty Factor (dBm/500kHz)	Maximum Limit (dBm/500kHz)	Pass / Fail
U-NII-3	149	5745	6.31	6.62	27.90	Pass
	157	5785	7.90	8.21	27.90	Pass
	165	5825	7.51	7.82	27.90	Pass

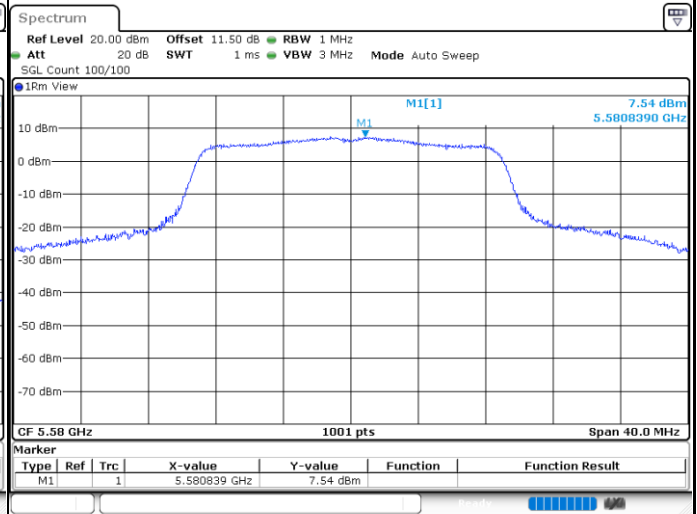




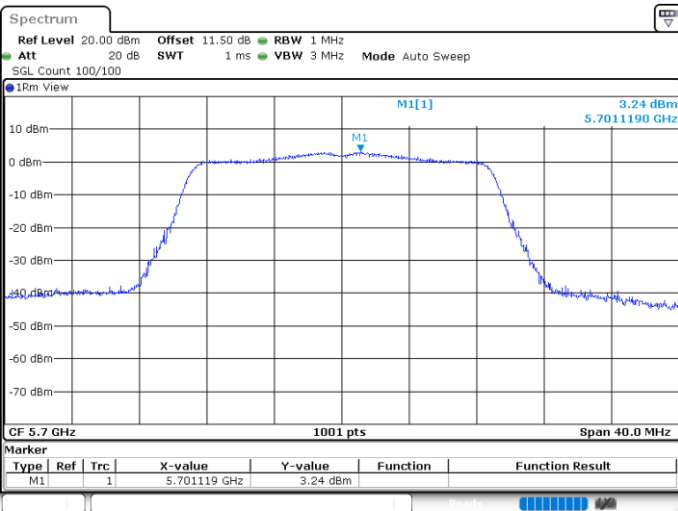
ac VHT20-Channel 100



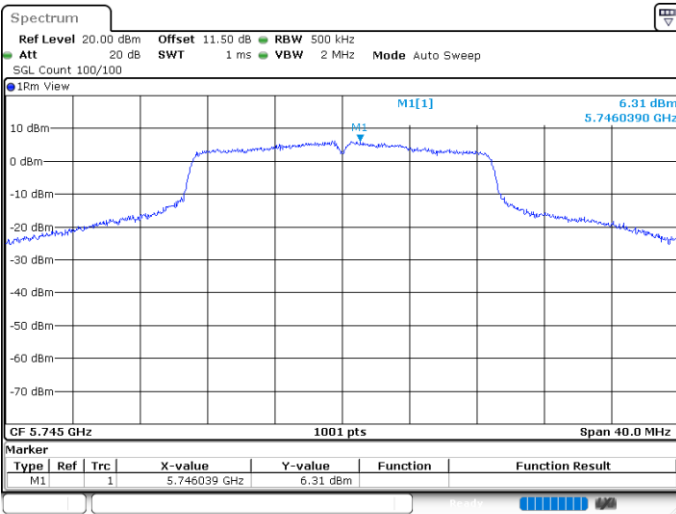
ac VHT20-Channel 116



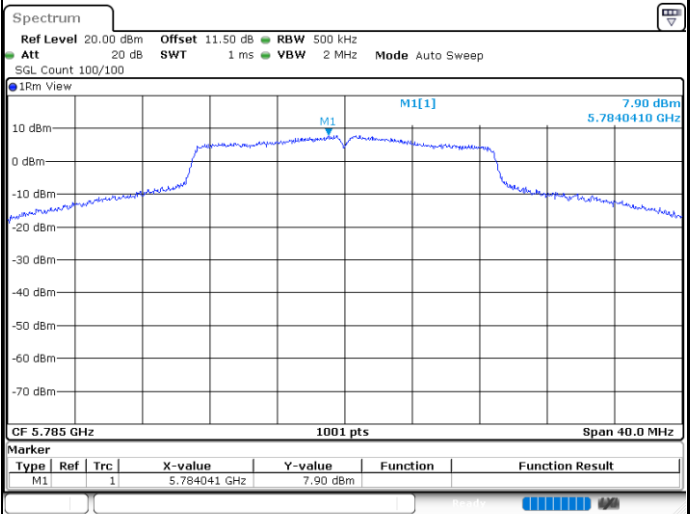
ac VHT20-Channel 140



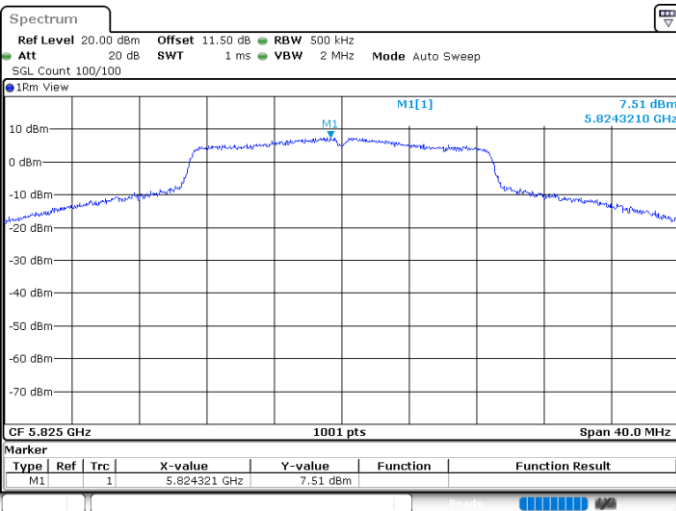
ac VHT20-Channel 149



ac VHT20-Channel 157



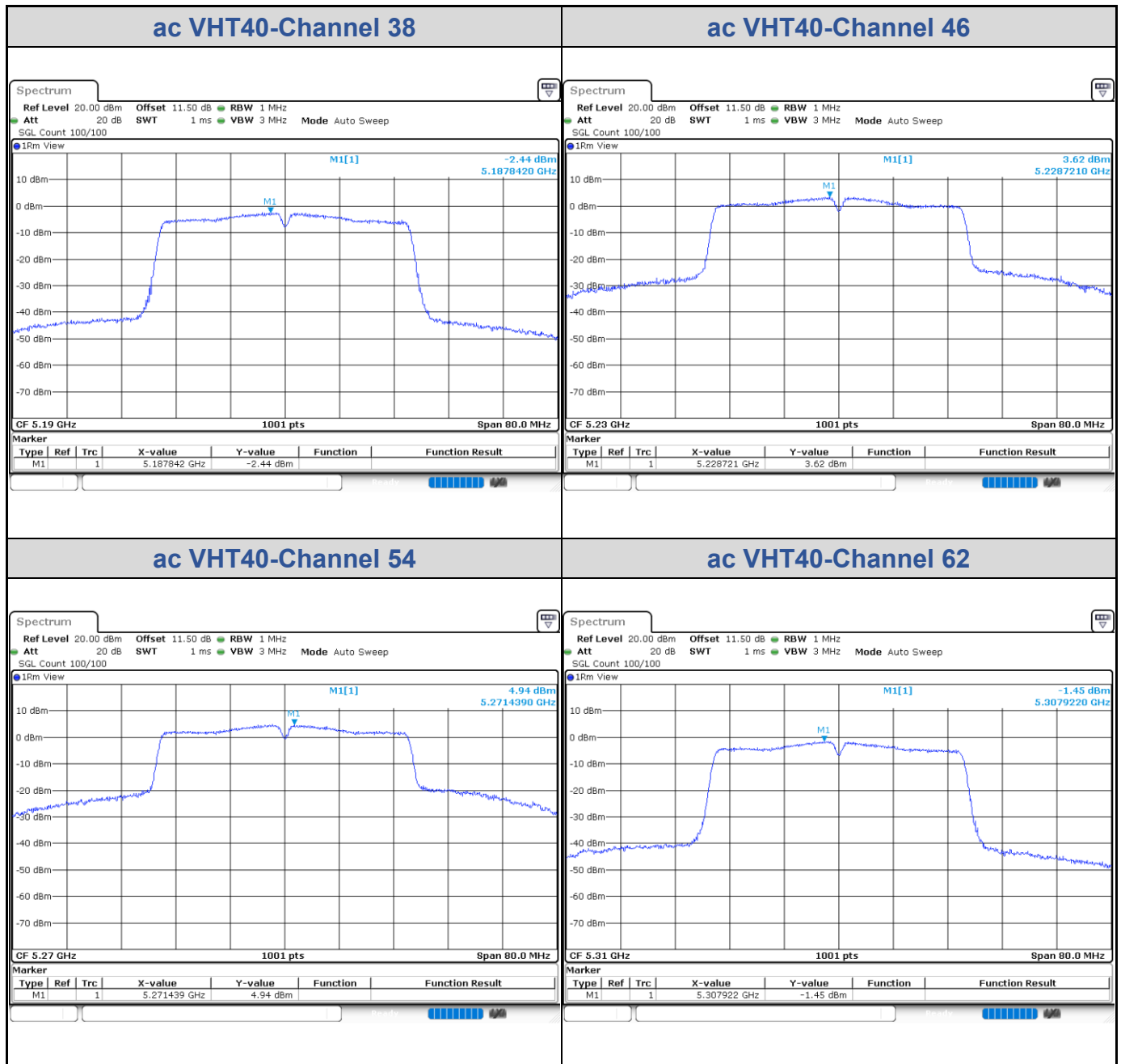
ac VHT20-Channel 165



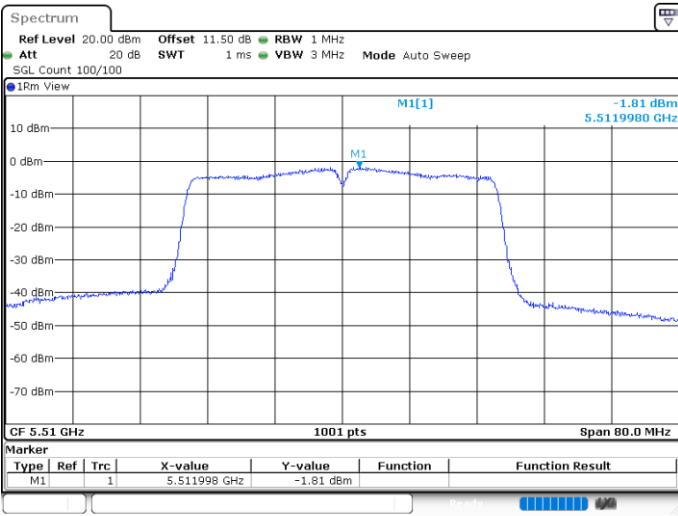
802.11ac VHT40

Band	Channel	Frequency (MHz)	PSD without Duty Factor (dBm/MHz)	Total PSD with Duty Factor (dBm/MHz)	Maximum Limit (dBm/MHz)	Pass / Fail
U-NII-1	38	5190	-2.44	-1.82	9.10	Pass
	46	5230	3.62	4.24	9.10	Pass
U-NII-2A	54	5270	4.94	5.56	9.10	Pass
	62	5310	-1.45	-0.83	9.10	Pass
U-NII-2C	102	5510	-1.81	-1.19	9.40	Pass
	110	5550	3.10	3.72	9.40	Pass
	134	5670	2.27	2.89	9.40	Pass

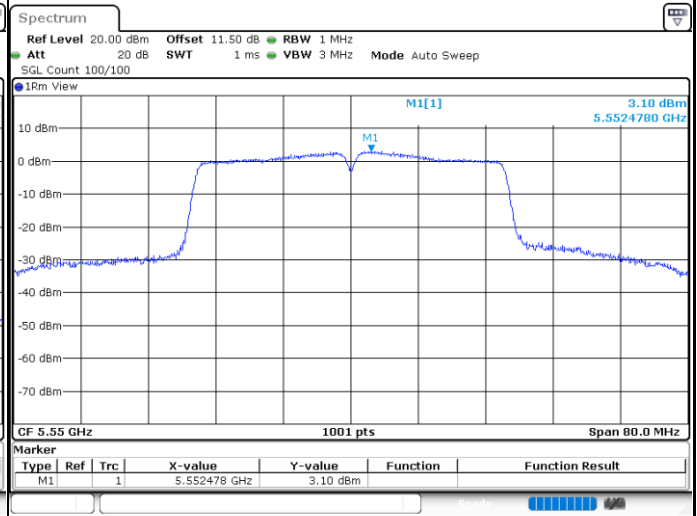
Band	Channel	Frequency (MHz)	PSD without Duty Factor (dBm/500kHz)	Total PSD with Duty Factor (dBm/500kHz)	Maximum Limit (dBm/500kHz)	Pass / Fail
U-NII-3	151	5755	2.72	3.34	27.90	Pass
	159	5795	4.18	4.80	27.90	Pass



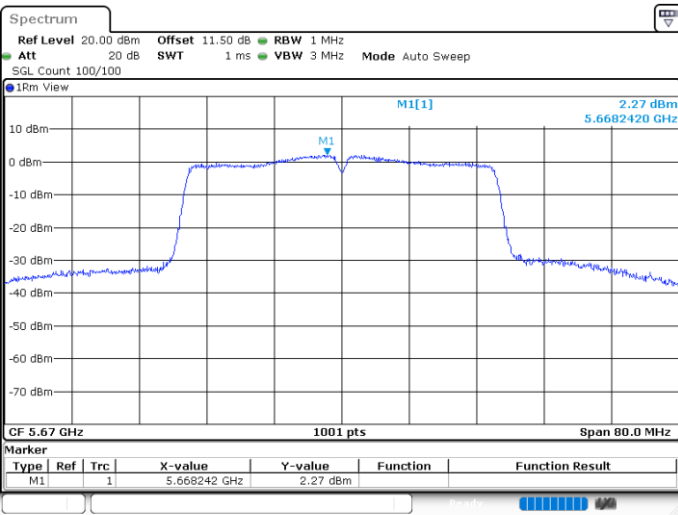
ac VHT40-Channel 102

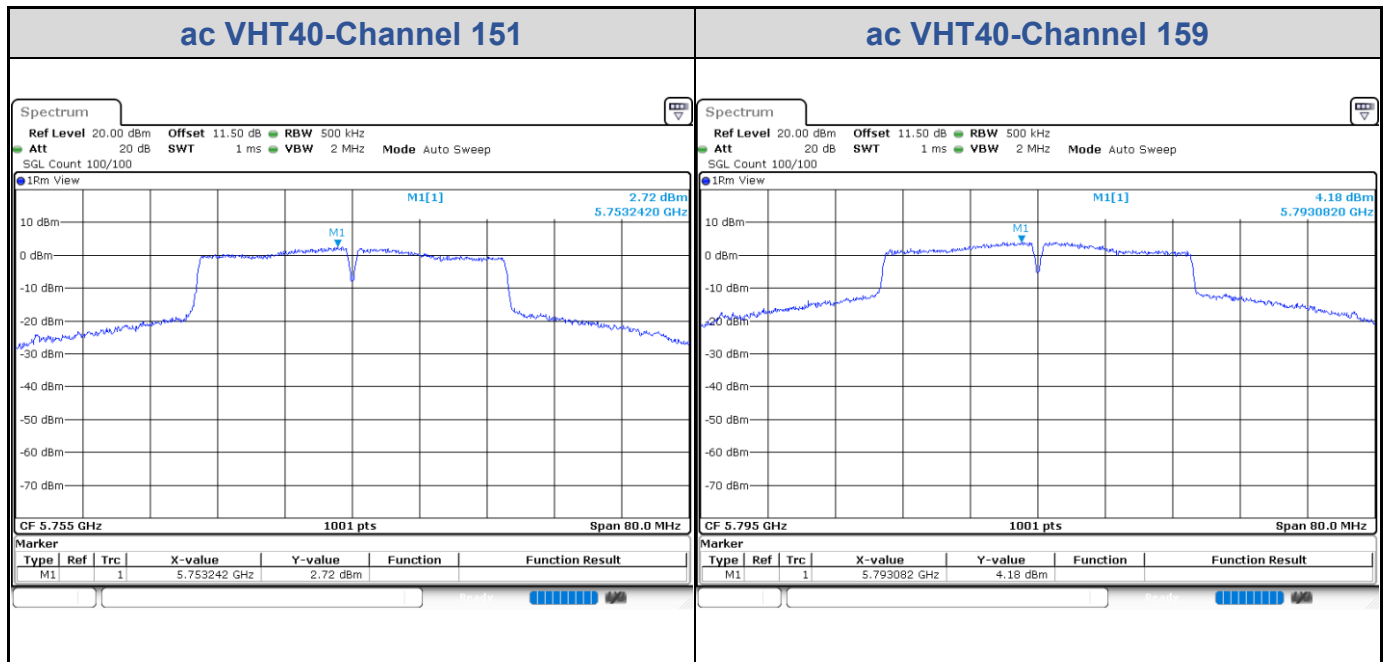


ac VHT40-Channel 110



ac VHT40-Channel 134





802.11ac VHT80

Band	Channel	Frequency (MHz)	PSD without Duty Factor (dBm/MHz)	Total PSD with Duty Factor (dBm/MHz)	Maximum Limit (dBm/MHz)	Pass / Fail
U-NII-1	42	5210	-8.66	-7.50	9.10	Pass
U-NII-2A	58	5290	-6.65	-5.49	9.10	Pass
U-NII-2C	106	5530	-7.58	-6.42	9.40	Pass

Band	Channel	Frequency (MHz)	PSD without Duty Factor (dBm/500kHz)	Total PSD with Duty Factor (dBm/500kHz)	Maximum Limit (dBm/500kHz)	Pass / Fail
U-NII-3	155	5775	-2.50	-1.34	27.90	Pass

